

Oracle® Communications
Order and Service Management

Licensing Information User Manual

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Licensing Information

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Oracle Communications Order and Service Management Applications	Oracle Communications Order and Service Management Server	Oracle Communications Order and Service Management Server enables the fulfillment of orders for products and services for communications service providers. Included Products and Capabilities: Oracle WebLogic Server Enterprise Edition license for exclusive use with Oracle Communications Order and Service Management Server. Oracle Coherence Enterprise Edition is included for use with the Oracle Communications Order and Service Management. Use of Oracle Coherence Enterprise Edition is solely restricted to use with Oracle Communications Order and Service Management and may not be used or deployed for other purposes. Prerequisites: • Oracle Database Enterprise Edition • Oracle Database Enterprise Edition Options: Partitioning • Oracle Communications Service Catalog and Design Restrictions: No restrictions unless otherwise stated in the customer contract.
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Oracle Communications Order and Service Management Deployment Options	Oracle Communications Order and Service Management Cloud Native Option	Oracle Communications Order and Service Management Cloud Native Option enables new and existing customers to deploy Oracle Communications Order and Service Management in a containerized cloud native environment on public or private cloud infrastructure, leveraging cloud native technologies like Docker, Kubernetes, Helm, etc. Prerequisites: Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator. Restrictions: This module is only available with Oracle Communications Order and Service Management 7.4.1 or above.
Oracle Communications Order and Service Management Functional Modules	Oracle Communications Order and Service Management Module: Revision and Cancellation Order Manager	Oracle Communications Order and Service Management Module: Revision and Cancellation Order Manager provides the capability to amend in-flight orders to compensate for revisions or cancellations to an order. Prerequisites: Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator.

Product	Subproduct	Licensing Description
	Oracle Communications Order and Service Management Module: Orchestration Plan Manager	Oracle Communications Order and Service Management Module: Orchestration Plan Manager provides capabilities to transform and decompose orders and generate and execute orchestration plans for orders. Prerequisites: Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator. Restrictions: This module is only available with Oracle Communications Order and Service Management 7.0 or above.
	Oracle Communications Order and Service Management Module: Clustering	Oracle Communications Order and Service Management Module: Clustering enables the use of Oracle WebLogic Server Clustering with the Oracle Communications Order and Service Management server, improving scaling and distribution of orders across nodes, and availability with fail over of orders. Prerequisites: Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator. Restrictions: This module is only available with Oracle Communications Order and Service Management 7.0.1 or above.
	Oracle Communications Order and Service Management Module: Order Transformation Manager	Oracle Communications Order and Service Management Module: Order Transformation Manager provides capabilities to transform order content, such as products on a customer order into services on service orders, which are executed against provisioning systems. Prerequisites: Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator. Restrictions: This module is only available with Oracle Communications Order and Service Management 7.2.4 or above.
	Oracle Communications Order and Service Management Cartridge for Sales Order Fulfillment	Oracle Communications Order and Service Management Cartridge for Sales Order Fulfillment provides capabilities to receive Oracle Application Integration Architecture customer orders (e.g., originating from Siebel CRM), transform and decompose them, provide status updates for them, manage order fallout, and generate trouble tickets (via Oracle Application Integration Architecture). Supported requests/responses to and from other systems using this cartridge are to be performed via Oracle Application Integration Architecture. Prerequisites: • Oracle Communications Order to Cash Integration Pack for Oracle Communications Order and Service Management • Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator • Oracle Communications Order and Service Management Module: Orchestration Plan Manager • Oracle Communications Order and Service Management Module: Revision and Cancellation Order Manager Restrictions: This module is only available with Oracle Communications Order and Service Management 7.0.1 or above.
	Oracle Communications Order and Service Management Cartridge for Billing Fulfillment	Oracle Communications Order and Service Management Cartridge for Billing Fulfillment provides capabilities to execute functions against billing systems (e.g., Oracle Communications Billing and Revenue Management) connected to the Oracle Application Integration Architecture infrastructure. Supported requests/responses to and from other systems using this cartridge are to be performed via Oracle Application Integration Architecture. Prerequisites: • Oracle Communications Order to Cash Integration Pack for Oracle Communications Order and Service Management

Product	Subproduct	Licensing Description
		• Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator • Oracle Communications Order and Service Management Module: Orchestration Plan Manager • Oracle Communications Order and Service Management Module: Revision and Cancellation Order Manager Restrictions: This module is only available with Oracle Communications Order and Service Management 7.0.1 or above.
	Oracle Communications Order and Service Management Cartridge for Provisioning Fulfillment	Oracle Communications Order and Service Management Cartridge for Provisioning Fulfillment provides capabilities to execute orders against provisioning systems (e.g., Oracle Communications Order and Service Management) connected to the Oracle Application Integration Architecture infrastructure. Supported requests/responses to and from other systems using this cartridge are to be performed via Oracle Application Integration Architecture. Prerequisites: • Oracle Communications Order to Cash Integration Pack for Oracle Communications Order and Service Management • Oracle Communications Order and Service Management Server or Oracle Communications Order and Service Management Server for IP Service Activator • Oracle Communications Order and Service Management Module: Orchestration Plan Manager • Oracle Communications Order and Service Management Module: Revision and Cancellation Order Manager Restrictions: This module is only available with Oracle Communications Order and Service Management 7.0.1 or above.

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Rodney Rehm	jQuery Context Menu 2.9.2	GUI	The MIT License https://opensource.org/licenses/mit-license

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			For a copy of the license, see The MIT License .
Apache Software Foundation	commons configuration 2.11.0	Application Server support	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
Apache Software Foundation	Ant 1.10.15	Builds	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. For a copy of the license, see Apache License, Version 2.0 .
	Commons Codec 1.18.0	Text Processing Utilities	
	HTTP Components Core 5.3.4	HTTP	
	Commons Collections 4.5.0-M3	Application Server Support	
	Commons HttpClient 5.4.3	FTP-HTTP	
	Commons IO 2.16.1	Application Server Support	
	Commons Lang 3.18.0	Java Platform	
	Commons Math 4.0-e016130	Math Library	
	Commons Pool 2.12.1	Application Server Support	
	Commons-vfs 2.10.0	Virtual File System	
	Commons Logging 1.3.5	Application Server Support	
	Xalan Java v2.7.3	XSLT Style Sheet	
	Xerces2 Java 2.12.2	XML Parser	
	XMLBeans 5.2.1	Application Server Support	
	Commons Text 1.13.0	Application Server Support	

Provider	Component(s)	Functionality	Licensing Information
	Apache Commons BeanUtils 1.11.0	Application Server Support	
	Commons Net 3.11.1	Application Server Support	
	Maven 3.9.9	Application Build	
Apache Software Foundation	Apache FreeMarker v2.3.34	Traditional Installer's template engine	Licensed under the Apache License, Version 2.0 (the "License"); For a copy of the Apache FreeMarker license, see https://freemarker.apache.org/docs/app_1_license.html
Apache Software Foundation	Tika-core 2.9.2	Used for detecting and extracting metadata and text content from a wide array of file types	Licensed under the Apache License, Version 2.0 (the "License"); For a copy of the Apache FreeMarker license, see https://freemarker.apache.org/docs/app_1_license.html
Dmitry Baranovskiy	Raphael 2.3.0	GUI	The MIT License https://github.com/DmitryBaranovskiy/raphaeljs.com/blob/master/license.html For a copy of the license, see The MIT License .
Eclipse Foundation	aspectjrt 1.9.22.1	Logging	Mozilla Public License Version 1.1 (https://www.mozilla.org/en-US/MPL/1.1/) For a copy of the license, see Mozilla Public License Version 1.1 .
Eclipse Foundation	org.eclipse.persistence.asm 9.7.1	Using the ASM API to create, transform, and process Java classes and methods at the bytecode level.	Mozilla Public License Version 1.1 (https://www.mozilla.org/en-US/MPL/1.1/) For a copy of the license, see Mozilla Public License Version 1.1 .
Eclipse Foundation	org.eclipse.persistence.moxy 4.0.6	Enables efficiently binding Java classes to API	Mozilla Public License Version 1.1 (https://www.mozilla.org/en-US/MPL/1.1/)

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			For a copy of the license, see Mozilla Public License Version 1.1 .
JBoss	JBoss Cache 1.4.1.SP14	Data Access	This software is to be separately procured by the customer. http://sourceforge.net/projects/jboss/files/JBossCache/JBossCache%201.4.1.SP13/ For a copy of the license, see GNU Library General Public License .
JS Foundation and other contributors	jQuery 3.7.1	GUI	The MIT License https://jquery.org/license/ Copyright (c) 2009 John Resig, http://jquery.com/ For a copy of the license, see The MIT License .
Oracle	Javascript Extension Toolkit (JET) 18.0.4	Light weight, modern, fast JavaScript UI Toolkit	Licensed under the Universal Permissive License (UPL), Version 1.0 For a copy of the license, see The Universal Permissive License (UPL) .
Oracle	WebLogic Deploy Tooling 4.3.6	WebLogic Configuration Metadata	https://github.com/oracle/weblogic-deploy-tooling/blob/master/LICENSE.txt
Oracle	Oracle Linux 9.x (x >= 6) 8.x (x >= 10)	Operating System for Container Images	Oracle Linux is an open-source operating system available under the GNU General Public License (GPLv2). For a copy of the license, see ORACLE LINUX LICENSE AGREEMENT .
Oracle	Oracle Instant Client 19.26.0.0.0	Oracle Database Client	Licensed under Oracle Free License https://www.oracle.com/downloads/licenses/oracle-free-license.html For a copy of the license, see Oracle Free Use Terms and Conditions .
Oracle	WIT (WLS Image Tooling) 1.15.2	Create a new Linux based image	Licensed under the Universal Permissive License v1.0 https://github.com/oracle/weblogic-image-tool/blob/main/LICENSE.txt .
OWASP	OWASP Java Encoder Project 1.3.1	Java encoder	Licensed under the 3-Clause BSD License https://github.com/OWASP/owasp-java-encoder/blob/master/LICENSE For a copy of the license, see BSD 3-Clause License
The Werken Company	Jaxen 8457e25	XPATH Engine	Licensed under the 3-Clause BSD License

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			https://github.com/jaxen-xpath/jaxen/blob/master/LICENSE.txt For a copy of the license, see BSD 3-Clause License
The Flogger Authors	flogger-slf4j-backend 0.9	Logging	Licensed under the Apache License, Version 2.0: https://github.com/remkop/picocli/blob/master/LICENSE For a copy of the license, see Apache License, Version 2.0 .
Remko Popma	Picocli 4.7.6	Java command line parser	Licensed under the Apache License, Version 2.0: https://github.com/remkop/picocli/blob/master/LICENSE For a copy of the license, see Apache License, Version 2.0 .
Prometheus	prometheus-metrics-instrumentation-jvm v1.3.8	Metrics Monitoring	Licensed under the Apache License, Version 2.0: https://github.com/prometheus/client_java/blob/master/LICENSE For a copy of the license, see Apache License, Version 2.0 .
SnakeYAML L.org	Snake YAML 2.3	Java library to parse YAML	Licensed under the Apache License, Version 2.0: For a copy of the license, see Apache License, Version 2.0 .
Janino	janino 3.1.12	Java compiler	Licensed under the BSD 2-clause or 3-clause https://github.com/OWASP/owasp-java-encoder/blob/master/LICENSE For a copy of the license, see BSD 2-Clause License or BSD 3-Clause License
FasterXML, LLC	jackson-module-parameter-names 2.18	Supports introspection of method/constructor parameter names	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .

Provider	Component(s)	Functionality	Licensing Information
FasterXML, LLC	Jackson-core 2.18.2	Serializes java objects to JSON and vice versa	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
FasterXML, LLC	jackson-annotations 2.18.2	Marks the non-standard setter or getter methods that are used concerning JSON properties	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
FasterXML, LLC	jackson-dataformat-yaml 2.18.2	Provides functionality to read and write YAML data using Jackson's data binding and streaming APIs.	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
FasterXML, LLC	jackson-module-jakarta-xmlbind-annotations 2.18.2	Module allows Jackson to use Jakarta XML Binding (JAXB 3.0+) annotations for configuring XML data binding	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
Stephen Colebourne & Michael Nascimento Santos	Threetenbp 1.7.1	Provides a backport of the Java SE date-time classes	Licensed under the BSD 2-clause or 3-clause https://github.com/OWASP/owasp-java-encoder/blob/master/LICENSE For a copy of the license, see BSD 2-Clause License or BSD 3-Clause License
FasterXML, LLC	jackson-dataformat-xml 2.18.2	Data formatter	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .

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FasterXML, LLC	jacksonJackson D-databind 2.18.2	Data binding	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
Anders Moeller	dk.brics.automaton 1.12-1-1	Supports standard regular expression operations	Licensed under the BSD 2-clause or 3-clause https://github.com/OWASP/owasp-java-encoder/blob/master/LICENSE For a copy of the license, see BSD 2-Clause License or BSD 3-Clause License
SmartBear Software	swagger-annotations 1.6.15	Used to declare a Swagger resource API	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
SmartBear Software	swagger-parser-v3 2.1.27	Helps to parse and validate OpenAPI definition	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
FasterXML, LLC	jackson-datatype-jsr310 2.18.2	Provides support for Java 8 Time	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
QOS.ch	logback-classic 1.5.17	Logging framework	Multiple Licenses Eclipse Public License - v 1.0 http://www.eclipse.org/legal/epl-v10.html GNU Lesser General Public License http://www.gnu.org/licenses/old-licenses/lgpl-2.1.html
CloudEvents Authors	cloudevents-api 4.0.1	Specification for describing event data	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .

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CloudEvents Authors	cloudevents-core 4.0.1	Implementations and utilities to create and process CloudEvent	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
Oracle	Jakarta SOAP Implementation (SAAJ) 3.0.4	Enables to produce and consume messages conforming to the SOAP 1.1 and 1.2 specifications	Eclipse Distribution License 1.0 https://www.eclipse.org/org/documents/edl-v10.php
QOS.ch	jul-to-slf4j 2.0.17	Translates LogRecord objects into their SLF4J equivalent	The MIT License https://opensource.org/licenses/mit-license For a copy of the license, see The MIT License .
Red Hat, Inc and Individual Contributors	Jandex 2.4.53.Final	Space efficient Java class file indexer and offline reflection library	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
Kalle Stenflo	Json Path 2.9.0	Query language for JSON	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
CloudEvents Authors	cloudevents-json-jackson 4.0.1	Implementation of EventFormat for JSON event format using Jackson	Licensed under the Apache License, Version 2.0: http://www.apache.org/licenses/LICENSE-2.0 For a copy of the license, see Apache License, Version 2.0 .
Project Lombok	Lombok 1.18.38	Minimize/remove the boilerplate code	Licensed under the MIT license . https://github.com/projectlombok/lombok/blob/master/LICENSE
JSON-SMART authors	json-smart 2.5.2	High performance	Licensed under the Apache License, Version 2.0:

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Oracle Fusion Middleware

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API Dependencies

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Provider	Component(s)	Functionality	Licensing Information
Oracle	WebLogic Kubernetes Operator 4.3.x (x >= 1) (API dependency Only)	Manage OSM in Kubernetes	Licensed under the Universal Permissive License (UPL), Version 1.0 For a copy of the license, see The Universal Permissive License (UPL). https://github.com/oracle/weblogic-kubernetes-operator/blob/master/LICENSE.txt
The Kubernetes Authors	Kubernetes 1.33.x	Container Orchestration	Licensed under the Apache License, Version 2.0: https://github.com/kubernetes/kubernetes/blob/master/LICENSE For a copy of the license, see Apache License, Version 2.0 .
The Helm Authors	Helm 3.x (x > 18.3) or later	Application Definition and Deployment in Kubernetes Environment	Licensed under the Apache License, Version 2.0: https://github.com/helm/helm/blob/master/LICENSE For a copy of the license, see Apache License, Version 2.0 .
The Prometheus Authors	Prometheus Server 3.x (x >= 5.0)	Metrics Collection	Licensed under the Apache License, Version 2.0: https://github.com/prometheus/prometheus/blob/master/LICENSE For a copy of the license, see Apache License, Version 2.0 .
Oracle	Helidon 4.2.4	Collection of Java libraries for writing microservices	Helidon License Information https://docs.oracle.com/en/enterprise-manager/cloud-control/enterprise-manager-cloud-control/13.5/oemli/helidon-license-information.html#GUID-8EA3DA46-E7E6-46E2-ACCC-C876D63AC8C2 For a copy of Helidon Third party attributions, see HELIDON Third Party Attributions .

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