

Oracle® Fusion Middleware

Licensing Information User Manual



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- [Conventions](#)

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Convention	Meaning
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1

Oracle Fusion Middleware

This licensing information is for the product or product family release level available from Oracle as of the publication date; individual components or products in the product or product family may be at different release levels.

As applicable, review the user interface or media of the component or product you are using to determine its specific release level.

- [Java SE Products](#)

1.1 Java SE Products

Licensing information for Java SE products is available at the following location:

<http://www.oracle.com/technetwork/java/javase/documentation/index.html>

Such licensing information includes Java SE-specific license terms, a description of commercial features that are restricted for use in certain scenarios, and notices and license for third party components.

2

Application Server Products

This chapter describes the application server product family, and the features available with this product family.

This chapter contains the following sections:

- [Application Server Products and Release Versions](#)
- [General Infrastructure](#)
- [Oracle TopLink and Oracle Application Development Framework \(ADF\)](#)
- [Oracle WebLogic Server](#)
- [Oracle Internet Application Server](#)
- [Oracle GlassFish Server](#)
- [Oracle Web Tier](#)
- [Oracle Coherence Products](#)
- [Oracle BPEL Process Manager](#)
- [Oracle WebLogic Integration](#)
- [Oracle SOA Suite for Non-Oracle Middleware](#)
- [Oracle Unified Business Process Management Suite for Non-Oracle Middleware](#)
- [Oracle Managed File Transfer](#)
- [Oracle Stream Analytics](#)
- [Oracle Edge Analytics](#)
- [Oracle Mobile Suite](#)
- [Oracle Forms and Reports \(OFR\)](#)
- [Oracle Internet Developer Suite \(IDS\)](#)
- [Oracle WebLogic Server Management Pack Enterprise Edition](#)

2.1 Application Server Products and Release Versions

This section describes various Application Server products and their release versions.

Each Application Server product or its component is associated with one or more release versions. The following [Table 2-1](#) lists the applicable release versions for each or component or both.

Table 2-1 Application Server Products and Release Versions

Product Name	Applicable Versions
Oracle API Catalog	12.1.3.0.0

Table 2-1 (Cont.) Application Server Products and Release Versions

Product Name	Applicable Versions
Oracle API Manager	12.2.1.0.0
Oracle BPEL Process Manager	11.1.1.7.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0
Oracle Coherence Products	12.1.2.0.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0
Oracle Edge Analytics	12.1.3.0.0 The following components also apply. Oracle Communications Analytics: 12.1.0.0.0; 12.1.1.0.0
Oracle Enterprise Repository	11.1.1.5.0; 11.1.1.6.0; 11.1.1.7.0
Oracle Forms and Reports (OFR)	12.1.2.0.0; 12.1.2.1.0
Oracle GlassFish Server	3.1.0.0.0; 3.1.1.0.0; 3.1.2.0.0; 4.0.0.0.0 The following components also apply. Oracle GlassFish Server OSE: 4.1
Oracle Internet Application Server	The following components apply. Oracle Application Server: 10.1.2.0.2; 10.1.2.0.3; 10.1.2.3.0; 10.1.3.0.0; 10.1.3.3.0; 10.1.3.4.0; 10.1.4.0.0 Oracle Communications Internet Name and Address Management: 6.1.5 Oracle Internet Directory: 11.1.1.7.0; 11.1.1.9.0
Oracle Managed File Transfer	12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0
Oracle Mobile Application Framework	2.1.0.0.0; 2.2.0.0.0; 2.3.0.0.0; 2.3.1.0.0
Oracle Mobile Suite	The following components apply. Oracle Access Management Mobile and Social: 11.1.2.2.0; 11.1.2.3.0 Oracle Business Intelligence Mobile App Designer: 11.1.1.7.0; 11.1.1.7.1 Oracle CRM On Demand Disconnected Mobile Sales: 2.0.0; 2.1.0 Oracle Communications Mobile Synchronization Gateway: 8.0.0.0.0 Oracle Communications Mobile Synchronization Server: 1.0.0.0.0 Oracle Communications United Communications Suite Mobile Application: 1.0.0.0.0 Oracle Documents Cloud Service Mobile: 13.2.0.0.0; 14.1.0.0.0 Oracle Documaker Mobile: 12.4.0.0.0; 12.5.0.0.0 Oracle Database Mobile Server: 12.2.0.0.0 Oracle Enterprise Performance Management Mobile: 11.1.2.3.5; 11.1.2.4.0 Oracle Mobile Application Accelerator Mobile Application: 1.0.0.0.0; 6.0.11
Oracle Service Registry	10.3.0.0.0; 10.1.1.6.0

Table 2-1 (Cont.) Application Server Products and Release Versions

Product Name	Applicable Versions
Oracle SOA Suite for Non-Oracle Middleware	The following components apply. Oracle SOA Suite: 11.1.1.6.0; 11.1.1.9.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0
Oracle Stream Analytics	12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0; 12.2.2.0.0
Oracle TopLink and Oracle Application Development Framework (ADF)	The following components apply. Oracle TopLink: 11.1.1.6.0; 12.1.2.0.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0; 12.2.1.3.0; 12.2.2.0.0; 12.2.2.1.0; 12.2.2.2.0 Oracle Application Development Framework (ADF): 11.1.1.7.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0; 12.2.1.3.0; 12.2.2.0.0; 12.2.2.1.0
Oracle Unified Business Process Management Suite for Non-Oracle Middleware	11.1.1.7.0; 11.1.1.9.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0
Oracle Web Tier	12.2.1.1.0; 12.2.1.2.0
Oracle WebLogic Integration	10.3.1.0.0 The following components also apply. WebLogic Server Plug-in: 11.1.1.7.0
Oracle WebLogic Server	10.3.6.0.0; 12.1.2.0.0; 12.1.3.0.0; 12.2.1.0.0; 12.2.1.1.0; 12.2.1.2.0
Oracle WebLogic Server Management Pack Enterprise Edition	The following components apply. WebLogic Server: 12.1.1.0.0 WebLogic Portal: 10.3.2.0.0; 10.3.4.0.0; 10.3.5.0.0; 10.3.6.0.0 WebLogic Server Virtual Edition: 10.3.1.0.0; 10.3.2.0.0

2.2 General Infrastructure

This section lists the Oracle components that are common to all installations and distributions:

- [Oracle Components common to all Installations](#)
- [Oracle Components common to all Distributions](#)

2.2.1 Oracle Components common to all Installations

The following Oracle Components are common to all Installations:

- [Third-Party Products and Details for Oracle DIAGFWK \(Diagnostic Framework\)](#)
- [Third-Party Products and Details for Oracle Universal Installer](#)

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- 12.2.1.3.0

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W3C	DOM Dom Level 3 core specification, Version 1.0	11.1.1.9.0	<p>W3C® SOFTWARE NOTICE AND LICENSE</p> <p>http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231</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. 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>You may obtain a copy of the License at: http://www.w3.org/</p> <p>For more information on this license and/or for a copy of the license, see DOM License.</p>

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- FMW Platform
- Oracle Global Lifecycle Management NextGen OUI Framework 13.9.1.0.0
- [Third-Party Products and Details for FMW Platform](#)
- [Third-Party and Details for Oracle Global Lifecycle Management NextGen OUI Framework 13.9.1.0.0](#)

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- 12.2.1.3.0

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Apache	Woodstox XML Processor 4.2.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 4.5.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Codehaus	Jackson 2.4.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-dataformat-xml 2.7.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-module-jsonSchema 2.7.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-databind 2.7.9.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
FasterXML, LLC	jackson-core 2.7.9	12.2.1.3.0	<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.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</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>LICENSE.TXT:</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). For a copy of the license, see Apache License Version 2.</p>
FasterXML, LLC	jackson-module-jaxb-annotations 2.7.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-annotations 2.7.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-jaxrs-json-provider 2.7.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

2.2.2.2 Third-Party and Details for Oracle Global Lifecycle Management NextGen OUI Framework 13.9.1.0.0

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The following release versions are associated with the third-party products in Oracle Global Lifecycle Management NextGen OUI Framework 13.9.1.0.0 :

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Apache	Xerces2 Java 2.11.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2
Codehaus	Jackson 2.4.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2
FasterXML, LLC	jackson-annotations 2.7.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2
FasterXML, LLC	jackson-core 2.7.9	12.2.1.3.0	<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.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</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>LICENSE.TXT:</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License").</p> <p>For a copy of the license, see Apache License Version 2</p>

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FasterXML, LLC	jackson-databind 2.7.9.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2
Hans Dockter	Gradle 2.14.1	12.2.1.2.0 12.2.1.3.0	Copyright 2007-2011 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. For a copy of the license, see Apache License Version 2

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Infozip	zip 3	12.2.1.3.0	<p>Copyright (c) 1990-2007 Info-ZIP. All rights reserved.</p> <p>For the purposes of this copyright and license, "Info-ZIP" is defined as the following set of individuals:</p> <p>Mark Adler, John Bush, Karl Davis, Harald Denker, Jean-Michel Dubois, Jean-loup Gailly, Hunter Goatley, Ed Gordon, Ian Gorman, Chris Herborth, Dirk Haase, Greg Hartwig, Robert Heath, Jonathan Hudson, Paul Kienitz, David Kirschbaum, Johnny Lee, Onno van der Linden, Igor Mandrichenko, Steve P. Miller, Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs, Kai Uwe Rommel, Steve Salisbury, Dave Smith, Steven M. Schweda, Christian Spieler, Cosmin Truta, Antoine Verheijen, Paul von Behren, Rich Wales, Mike White.</p> <p>This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use this software.</p> <p>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 above disclaimer and the following restrictions:</p> <ol style="list-style-type: none"> 1. Redistributions of source code (in whole or in part) must retain the above copyright notice, definition, disclaimer, and this list of conditions. 2. Redistributions in binary form (compiled executables and libraries) must reproduce the above copyright notice, definition, disclaimer, and this list of conditions in documentation and/or other materials provided with the distribution. The sole exception to this condition is redistribution of a standard UnZipSFX binary (including SFXWiz) as part of a self-extracting archive; that is permitted without inclusion of this license, as long as the normal SFX banner has not been removed from the binary or disabled. 3. Altered versions--including, but not limited to, ports to new operating systems, existing ports with new graphical interfaces, versions with modified or added functionality, and dynamic, shared, or static library versions not from Info-ZIP--must be plainly marked as such and must not be misrepresented as being the

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The Apache Software Foundation	Log4j 1.2.17	12.2.1.2.0 12.2.1.3.0	<p>Apache log4j</p> <p>Copyright © 2010 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2</p>

2.3 Oracle TopLink and Oracle Application Development Framework (ADF)

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- Oracle TopLink
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- [Oracle MapViewer](#)
- [Oracle Entitlements Server Basic](#)
This appendix describes Oracle Entitlements Server and functionality of Oracle Entitlements Server Security Module, available in the Oracle Entitlements Server Basic license.
- [Mobility Support in Oracle Application Development Framework \(ADF\)](#)
- [Third-Party Notices and/or Licenses for Oracle TopLink, Oracle Application Development Framework \(ADF\), and Oracle MapViewer](#)

2.3.1 Oracle MapViewer

Oracle MapViewer provides APIs and libraries for developing and running interactive geospatial web mapping applications. Oracle MapViewer supports map visualization of geospatial content from multiple database and file formats and is optimized for use with Oracle Database and Oracle Spatial and Graph.

Oracle MapViewer includes an .EAR file designed for deployment in a Java EE server and client libraries for Java and JavaScript based development.

2.3.2 Oracle Entitlements Server Basic

This appendix describes Oracle Entitlements Server and functionality of Oracle Entitlements Server Security Module, available in the Oracle Entitlements Server Basic license.

This appendix includes the following topics:

2.3.3 Mobility Support in Oracle Application Development Framework (ADF)

Oracle Application Development Framework (ADF) enables enterprise applications to support delivery to multiple screens, including desktop browsers, mobile browsers and native mobile applications.

ADF includes the following components:

- ADF Faces Rich Client can be used to develop desktop browser and tablet browser applications.
- ADF Mobile Browser is optimized for mobile phone browsers.
- ADF Mobile includes a framework and runtime for developing hybrid mobile applications which install onto the mobile devices. The Oracle TopLink and Oracle Application Development Framework licensing terms apply to the resulting applications. All hardware and software requirements for developing ADF Mobile applications, as outlined in the Mobile Developer Guide for Oracle Application Development Framework, must be met. You do NOT receive a license to use the third party mobile SDKs under your agreement with Oracle. Third party mobile SDKs must be separately licensed from each applicable third party if you choose to use the mobile SDK.

2.3.4 Third-Party Notices and/or Licenses for Oracle TopLink, Oracle Application Development Framework (ADF), and Oracle MapViewer

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- [Third-Party Products and Details for Oracle TopLink](#)
- [Third-Party Notices and Licenses for Oracle Application Development Framework \(ADF\)](#)
- [Third-Party Products and Details for Oracle MapViewer](#)

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INRIA, France Telecom	asm.jar 1.5.3	11.1.1.9.0 12.2.1.2.0	<p>ASM: a very small and fast Java byte code manipulation framework</p> <p>Copyright © 2000, 2002, 2003 INRIA, France Telecom</p> <p>All rights reserved.</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>For more information on this license and/or for a copy of the license, see asm.jar License.</p>

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Provider	Component(s)	Release Versions	Licensing Information
Rogério Liesenfeld	JMockit 1.13	12.2.1.2.0	<p>JMockit 1.13 is licensed under the MIT with some included fourth-party content licensed under other terms as explained in the associated LICENSE.TXT and NOTICE.TXT files, the contents of which are pasted below.</p> <p>LICENSE.TXT file:</p> <p>The JMockit Testing Toolkit</p> <p>Copyright (c) 2006-2014 Rogério Liesenfeld</p> <p>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>NOTICE.TXT file:</p> <p>JMockit itself uses the MIT license.</p> <p>Other libraries used, and their respective licenses, are:</p> <ol style="list-style-type: none"> 1. Parts of ASM 5.0, with modifications: BSD licensehttp://asm.ow2.org/license.html 1. Parts of JUnit 4, with modifications: Eclipse Public License, v1.0https://github.com/junit-team/junit/blob/master/LICENSE.txt <p>Parts of OpenJDK, without modifications:GNU General Public license, version 2, with the</p>

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soa.org	commonsjsdo 2.1.0, 2.1.1	12.2.1.2.0	<p>http://www.osoa.org/display/Main/Service+Data+Objects+Specifications</p> <p>THE ARTIFACTS ARE PROVIDED "AS IS" AND THE AUTHORS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THE ARTIFACTS AND THE IMPLEMENTATION OF THEIR CONTENTS, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT OR TITLE.</p> <p>THE AUTHORS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO ANY USE OR DISTRIBUTION OF THE ARTIFACTS.</p> <p>The name and trademarks of the Authors may NOT be used in any manner, including advertising or publicity pertaining to the Service Data Objects Specification or its contents without specific, written prior permission. Title to copyright in the Service Data Objects Specification will at all times remain with the Authors.</p> <p>No other rights are granted by implication, estoppel or otherwise.</p> <p>Revision level 1.1, last updated on 2007/11/19</p> <p>You may obtain a copy of the License at: http://www.osoa.org/</p> <p>For more information on this license and/or for a copy of the license, see commonsjsdo License.</p>

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Provider	Component(s)	Release Versions	Licensing Information
W3C	DOM Dom Level 3 core specification, Version 1.0	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>W3C® SOFTWARE NOTICE AND LICENSE</p> <p>http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231</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. 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>You may obtain a copy of the License at: http://www.w3.org/</p> <p>For more information on this license and/or for a copy of the license, see DOM License.</p>
www.springsource.org	spring-core.jar 2	12.2.1.2.0 12.2.1.3.0	<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: http://www.apache.org/licenses/LICENSE-2.0</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
www.springsource.org	spring-support.jar 2	12.2.1.2.0 12.2.1.3.0	<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: http://www.apache.org/licenses/LICENSE-2.0</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>

2.3.4.2 Third-Party Notices and Licenses for Oracle Application Development Framework (ADF)

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Application Development Framework (ADF), in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Application Development Framework (ADF) with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Application Development Framework (ADF) are identified in the following [Table 2-7](#), 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 following release versions are associated with the third-party products in Oracle Application Development Framework (ADF):

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This [Table 2-7](#) summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Application Development Framework (ADF).

Table 2-7 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Application Development Framework (ADF)

Provider	Component(s)	Release Versions	Licensing Information
CodeMirror	JavaScript Editor 2 2.21	11.1.1.9.0	<p>Copyright © 2011 by Marijn Haverbeke <marijnh@gmail.com></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 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>Please note that some subdirectories of the CodeMirror distribution include their own LICENSE files, and are released under different licenses.</p> <p>You may obtain a copy of the License from marijnh@gmail.com.</p>
GoogleCode	Closure 0.1.3	11.1.1.9.0	<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: http://www.apache.org/licenses/LICENSE-2.0.</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2</p>

Table 2-7 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Application Development Framework (ADF)

Provider	Component(s)	Release Versions	Licensing Information
Microsoft	Microsoft Visual Studio 2010 Redistributables MS VS 2010	11.1.1.9.0	Must include Oracle copyright notice in Oracle applications containing the Distributable Code. Oracle must not use Microsoft's trademarks in Oracle program names or in a way that suggests Oracle programs come from or are endorsed by Microsoft.

2.3.4.3 Third-Party Products and Details for Oracle MapViewer

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The following release versions are associated with the third-party products in Oracle Application Development Framework (ADF):

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This [Table 2-8](#) summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle MapViewer.

Table 2-8 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle MapViewer

Provider	Component(s)	Release Versions	Licensing Information
Apache	Commons FileUpload 1.3.2	12.2.1.3.0	<p>Apache Commons FileUpload Copyright 2002-2008</p> <p>The Apache Software Foundation</p> <p>This product includes software developed by The Apache Software Foundation (http://www.apache.org/).</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
Apache	Apache Jakarta Commons HttpClient 3.1	12.2.1.3.0	<p>Copyright 1999-2007 The Apache Software Foundation</p> <p>All rights reserved.</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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0.</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Apache Batik SVG Toolkit 1.8	12.2.1.3.0	<p>Batik License</p> <p>Batik is licensed according to the Apache License, Version 2.0, the text of which is included below.</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	commons-io 2.5	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	lucene-core 4.10.3	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-lang3 3.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 2-8 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle MapViewer

Provider	Component(s)	Release Versions	Licensing Information
FasterXML, LLC	Jackson 2.9.0	12.2.1.3.0	<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: http://www.apache.org/licenses/LICENSE-2.0</p> <p>JACKSON-CORE SOURCE COPYRIGHT (NO OTHER MODULES CONTAINED COPYRIGHT NOTICE):</p> <pre>/* Jackson JSON-processor. * * Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi */</pre> <p>For a copy of the license, see Apache License Version 2.</p>
Google	Google Maps APIs Code Samples 3.28	12.2.1.2.0 12.2.1.3.0	<p>Portions of this code include modifications based on work created and shared by Google and used according to terms described in the Apache 2.0 license. See Apache License Version 2</p> <p>See https://developers.google.com/maps/documentation/javascript/examples/</p>
Jackson Project	Jackson JSON Processor 2.0.2	12.2.1.2.0 12.2.1.3.0	<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: http://www.apache.org/licenses/LICENSE-2.0</p> <p>JACKSON-CORE SOURCE COPYRIGHT (NO OTHER MODULES CONTAINED COPYRIGHT NOTICE):</p> <pre>/* Jackson JSON-processor. * * Copyright (c) 2007- Tatu Saloranta, tatu.saloranta@iki.fi */</pre> <p>For a copy of the license, see Apache License Version 2.</p>

Table 2-8 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle MapViewer

Provider	Component(s)	Release Versions	Licensing Information
OpenSymphony	Quartz Enterprise Job Scheduler (quartz-all-1.6.6.jar)	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Open Web Application Security Project (OWASP)	Enterprise Security API (ESAPI) 2.1.0.1	12.2.1.3.0	<p>This project licensed under the BSD license, which is very permissive and about as close to public domain as is possible. You can use or modify ESAPI however you want, even include it in commercial products.</p> <p>Copyright (c) 2007, The OWASP Foundation All rights reserved.</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 <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>

Table 2-8 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle MapViewer

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Oracle	JavaScript Extension Toolkit (JET) 3.2.0	12.2.1.3.0	<p>Copyright (c) 2014, 2016 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 (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.</p> <p>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.</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>

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Terracota	Quartz Job Scheduler 2.3.0	12.2.1.3.0	<p>Quartz is licensed under Apache License 2.0 with an associated notice file.</p> <p>Quartz has a mandatory dependency on slf4j-api which is licensed under an MIT license.</p> <p>Quartz has an optional dependency on c3p0 which is licensed under LGPL.</p> <p>The Quartz distribution ZIP includes log4j which is licensed under Apache License 2.0.</p> <p>The Quartz distribution ZIP includes slf4j-log4j12 which is licensed under an MIT license.</p> <p>Notice file for Quartz:</p> <p>Copyright Declaration:</p> <p>Copyright © 2003-2016 Software AG, Darmstadt, Germany and/or Software AG USA Inc., Reston, VA, USA, and/or its subsidiaries and/or its affiliates and/or their licensors.</p> <p>Trademark and Patent declaration</p> <p>The name Software AG and all Software AG product names are either trademarks or registered trademarks of Software AG and/or Software AG USA Inc. and/or its subsidiaries and/or its affiliates and/or their licensors. Other company and product names mentioned herein may be trademarks of their respective owners.</p> <p>Detailed information on trademarks and patents owned by Software AG and/or its subsidiaries is located at http://softwareag.com/licenses.</p> <p>Third Party declaration</p> <p>This software may include portions of third-party products. For third-party copyright notices, license terms, additional rights or restrictions, please refer to "License Texts, Copyright Notices and Disclaimers of Third Party Products". For certain specific third-party license restrictions, please refer to section E of the Legal Notices available under "License Terms and Conditions for Use of Software AG Products / Copyright and Trademark Notices of Software AG Products". These documents are part of the product documentation, located at http://softwareag.com/licenses and/or in the root installation directory of the licensed product(s).</p> <p>Confidentiality Disclaimer:</p> <p>Use, reproduction, transfer, publication or disclosure is prohibited except as specifically provided for in your License Agreement with Software AG.</p>

Table 2-8 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle MapViewer

Provider	Component(s)	Release Versions	Licensing Information
Terracotta, Inc.	Quartz 1.8.6	12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p> <p>Quartz Scheduler source code and documentation are Copyright (c) Terracotta, Inc. Copyright 2001-2009 Terracotta, Inc.</p> <p>For a copy of the license, see Apache License Version 2.</p>

2.4 Oracle WebLogic Server

Oracle WebLogic Server is available in three editions with different functional capabilities, each suitable for different kinds of applications and different development and deployment scenarios. Oracle also offers several application server options, packs, and other products that enhance the capabilities of Oracle WebLogic Server for specific purposes.

This section describes the editions of Oracle WebLogic Server. [Table 2-9](#) describes the Oracle WebLogic Server edition options.

Table 2-9 Oracle WebLogic Server (WLS) Editions

WLS Edition	High Level Functionality	Features Included
Standard Edition	<p>The Oracle WebLogic Server Standard Edition includes:</p> <ul style="list-style-type: none"> Core WebLogic application server, with Administration Console, Configuration Wizard, and Upgrade Framework Oracle TopLink and Application Development Framework <p>(This also includes MapViewer. For more details see Oracle TopLink and Oracle Application Development Framework (ADF))</p> <ul style="list-style-type: none"> Oracle JDeveloper Oracle Enterprise Pack for Eclipse Oracle Security Developer Tools Java SE. For details on Java SE Editions, see http://www.oracle.com/technetwork/java/javase/terms/products/index.html. Oracle Web Tier Oracle Enterprise Manager Fusion Middleware Control¹ Oracle WebLogic Software Kit for Oracle Database Appliance 	<p>Includes:</p> <ul style="list-style-type: none"> Java EE High performance JMS messaging HTTP Pub-Sub Server WebLogic JDBC Drivers, WebLogic Server Clients, and WebLogic and Apache Web Server Plug-Ins Oracle WebLogic Management Framework (included through Oracle Web Tier)

Table 2-9 (Cont.) Oracle WebLogic Server (WLS) Editions

WLS Edition	High Level Functionality	Features Included
Enterprise Edition	Includes all of the Standard Edition functionality, plus: <ul style="list-style-type: none">• Clustering support• Oracle Virtual Assembly Builder• Oracle Java SE Advanced (restricted for Oracle WebLogic Server. Java SE is included for client applications that access these server components).	All Standard Edition features, plus: <ul style="list-style-type: none">• Whole-server migration and service migration• Oracle Virtual Assembly Builder (OVAB) enables rapid configuration and provisioning of multi-tier application topologies onto virtualized and cloud environments.

Table 2-9 (Cont.) Oracle WebLogic Server (WLS) Editions

WLS Edition	High Level Functionality	Features Included
WebLogic Suite	<p>Includes all of the Enterprise Edition functionality, plus:</p> <ul style="list-style-type: none"> • Oracle Coherence Enterprise Edition • Oracle Forms, Reports, and Portal • Oracle Enterprise Manager Pack for Oracle Coherence • Oracle Java SE Suite (restricted for WebLogic Server, Oracle Containers for J2EE and Coherence. Java SE is included for client applications that access these server components) 	<p>All Enterprise Edition features, plus:</p> <ul style="list-style-type: none"> • Application data management provided by Oracle Coherence Enterprise Edition. Includes: fault-tolerant data caching, data management, write-behind, transactions, analytics and events. For license details, see Oracle Coherence Products • High performance, low latency JDK with deterministic garbage collection for Java EE applications running on Oracle WebLogic Server with JRockit Real Time. JRockit Real Time is included in Java SE Suite. For details on Java SE Editions, see http://www.oracle.com/technetwork/java/javase/terms/products/index.html. • Management tooling for monitoring, administering, and provisioning Oracle Coherence with Oracle Enterprise Manager Management Pack for Oracle Coherence. For complete license details, see the Oracle Enterprise Manager Licensing Information document available at: http://www.oracle.com/technetwork/oem/grid-control/documentation/index.html. <p>Also includes Oracle Internet Application Server Enterprise Edition, which contains:</p> <ul style="list-style-type: none"> • Oracle Internet Directory • Oracle Single Sign-On • Oracle Reports Services • Oracle Forms Services • Oracle WebLogic Server • Oracle Containers for J2EE • Oracle Portal • Oracle Web Cache • Oracle Directory Integration Platform <p>For license details about Oracle Internet Application Server Enterprise Edition, see Oracle Internet Application Server</p>

¹ This is the stand alone Oracle Enterprise Manager Fusion Middleware Control 12c console for a single domain and not Oracle Enterprise Manager Cloud Control 12c which is Oracle's comprehensive multi-domain WLS management solution. See [Oracle WebLogic Server Management Pack Enterprise Edition](#) for details in regards to multi-domain management through Oracle Enterprise Manager Cloud Control 12c.

This section contains the following topics:

- [Installation of Oracle WebLogic Product Editions](#)
- [Licensing Considerations for Additional Features](#)
- [Restricted-Use Licensing](#)
- [Oracle WebLogic Server Optimizations for Exalogic Elastic Cloud Software](#)
- [Third-Party Products and Details for Oracle WebLogic Server](#)

2.4.1 Installation of Oracle WebLogic Product Editions

Oracle WebLogic Server does not provide installation programs that correspond directly to each available edition. For example, depending on the edition licensed, you may need to run one or more of the following individual installers:

- Oracle WebLogic Server
- Oracle Web Tier
- Oracle Coherence
- Oracle JRockit
- Oracle JDeveloper
- Oracle TopLink
- Oracle Business Intelligence
- SOA Suite for Oracle Middleware
- Oracle Virtual Assembly Builder

In addition, many installers contain multiple components that may be installed all together or individually, and each installation component has a minimum license requirement. The following table identifies the minimum edition requirements for each installation option available from the Oracle WebLogic Server installation programs.

Table 2-10 Installation Programs Required for WebLogic Product Editions

Licensing Edition	Corresponding Installation Programs
Standard Edition	<p>Standard Edition encompasses the following installation programs:</p> <ul style="list-style-type: none"> • Oracle WebLogic Server net or package installer, and Apache plug-ins (optional). This installer includes the core JEE 5 application server, Administration Console, Configuration Wizard and Upgrade Framework, WebLogic and third-party JDBC drivers, JMS, WebLogic Server clients, Web server plug-ins, and Xquery Support, WebLogic Server examples, Oracle Enterprise Pack for Eclipse, WebLogic SIP Server¹, and Sun or Oracle JRockit JDKs (depending on platform). • Oracle JDeveloper installer • Oracle TopLink installer • Oracle Web Tier installer

Table 2-10 (Cont.) Installation Programs Required for WebLogic Product Editions

Licensing Edition	Corresponding Installation Programs
Enterprise Edition	<p>The installation programs for Enterprise Edition include all those for Standard Edition, plus the installers for:</p> <ul style="list-style-type: none"> • Oracle JRockit Mission Control • Oracle Virtual Assembly Builder (OVAB) <p>Note: Adding cluster support does not require an additional installation procedure.</p>
WebLogic Suite	<p>The installation programs for WebLogic Suite include all those for Enterprise Edition, plus:</p> <ul style="list-style-type: none"> • Oracle Identity Management • Oracle Enterprise Manager Cloud Control 12c (to obtain features of Oracle Enterprise Management Pack for Oracle Coherence) • Oracle Enterprise Manager Pack for Oracle Coherence • Oracle JRockit • Oracle Portal, Forms, Reports and Discoverer

¹ Usage rights to WebLogic SIP Server require a license for Oracle Communications Converged Application Server. For details, see [WebLogic SIP Server](#)

2.4.2 Licensing Considerations for Additional Features

Some Oracle WebLogic Server editions contain features that have additional licensing considerations.

This section contains the following topics:

- [WebLogic for Oracle Internet Application Server](#)
- [Management Features](#)
- [High Availability Features](#)
- [WebLogic SIP Server](#)
- [Apache Derby](#)
- [Standalone WebLogic Clients](#)
- [Other Oracle WebLogic Server Clients](#)

2.4.2.1 WebLogic for Oracle Internet Application Server

The entitlement for Oracle WebLogic Server Basic from Internet Application Server Enterprise Edition is superseded by the unrestricted full use capabilities of Oracle WebLogic Server Enterprise Edition included in WebLogic Suite.

 **Note:**

When Oracle Internet Application Server is licensed independently of WebLogic Suite, a constrained WebLogic license, called [WebLogic Server Basic](#), is included. However, when Oracle Internet Application Server is licensed as part of WebLogic Suite, an unrestricted license of Oracle WebLogic Server Enterprise Edition is included.

This does not imply that two licenses of Oracle WebLogic Server Enterprise are provided within WebLogic Suite, but rather that the rights to Oracle WebLogic Server included in Internet Application Server are expanded to the unrestricted use of Oracle WebLogic Server Enterprise Edition included in WebLogic Suite.

2.4.2.2 Management Features

Note the following license considerations for management features:

- Oracle Enterprise Manager Fusion Middleware Control is included with Oracle WebLogic Server Standard Edition, Oracle WebLogic Server Enterprise Edition, and WebLogic Suite Edition.¹
- Unrestricted use of the WebLogic Server Administration Console, the WebLogic Scripting Tool, and WebLogic JMX is available in all Oracle WebLogic Server editions.
- Oracle WebLogic Server Standard Edition, Oracle WebLogic Server Enterprise Edition, and WebLogic Suite work with Oracle Enterprise Manager Cloud Control, which is Oracle's integrated enterprise information technology (IT) management product line providing the industry's only complete, integrated, and business-driven enterprise cloud management solution.²

2.4.2.3 High Availability Features

Oracle WebLogic Server provides several features and tools to support the deployment of highly available and scalable applications, including the following:

- Oracle WebLogic Server clusters, that provide scalability and reliability for your applications by distributing the work load among multiple instances of Oracle WebLogic Server.
- Work Managers, which prioritize work based on rules you define and by monitoring actual run time performance statistics. Work Managers can be used to provide overload protection, such as detecting, avoiding, and recovering from excess workload. They may be applied globally to a Oracle WebLogic Server domain or to a specific application or component.
- Oracle WebLogic Server persistent store, which is a built-in, high-performance storage solution for Oracle WebLogic Server subsystems and services that require

¹ This is the stand alone Oracle Fusion Middleware Control console for a single domain and not Oracle Enterprise Manager Cloud Control which is Oracle's comprehensive multi-domain WLS management solution. See [Oracle WebLogic Server Management Pack Enterprise Edition](#) for details in regards to multi-domain management through Oracle Enterprise Manager Cloud Control.

² Licensed through [Oracle WebLogic Server Management Pack Enterprise Edition](#).

persistence. For example, it can store persistent JMS messages or temporarily store messages sent using the Store-and-Forward feature. The persistent store supports persistence to a file-based store or to a JDBC-enabled database.

- Network channels, which facilitate the effective use of network resources by segregating network traffic into channels based on the type of traffic.
- Store-and-forward services, which enable Oracle WebLogic Server to deliver messages reliably between applications that are distributed across Oracle WebLogic Server instances. If the message destination is not available at the moment the messages are sent, either because of network problems or system failures, then the messages are saved on a local server instance and are forwarded to the remote destination once it becomes available.
- Oracle Database Real Application Cluster (RAC) integration, which is provided by Oracle WebLogic Server via multi data sources, a collection of data sources representing each node in an Oracle Database RAC treated logically as one data source by the application layer, and GridLink data sources, an integration with Oracle Database RAC that requires only one data source per Oracle Database RAC within Oracle WebLogic Server.

A multi data source is an abstraction around a group of data sources that provides load balancing or failover processing at the time of connection requests, between the data sources associated with the multi data source.

Some Oracle WebLogic Server high availability features require special licensing considerations, which are described in the following topics.

- [Oracle WebLogic Server Standard Edition](#)
- [Cluster Support](#)
- [High Availability Considerations for Oracle WebLogic Server Middle-Tier Instances](#)
- [Database Integration](#)
- [Oracle WebLogic Software Kit for Oracle Database Appliance](#)

2.4.2.3.1 Oracle WebLogic Server Standard Edition

A Standard Edition license provides unlimited access to most high availability features in Oracle WebLogic Server, with the exception of Cluster Support. With a Standard Edition license, no restrictions are placed on the following³:

- The number of Managed Server instances that may be configured in a WebLogic domain
- Use of the Apache HTTP Server Plug-In to perform load balancing among non-clustered Managed Server instances using the `WebLogicCluster` plug-in configuration parameter

2.4.2.3.2 Cluster Support

Cluster Support is provided in all Oracle WebLogic Server Enterprise Edition and WebLogic Suite Edition licenses, and includes the following capabilities:

- Application failover

³ For Oracle Enterprise Performance Management products, Oracle WebLogic Server Standard Edition additionally supports the non-runtime usage of clustering for functional/organizational grouping of managed servers. No other clustering features as defined in [Cluster Support](#) are supported.

When an application component becomes unavailable for any reason, a copy of the failed object finishes the job. In case of hardware or other failures, session state is available to other cluster nodes that can resume the work of the failed node.

- Cluster management and administration

Creating a cluster of Managed Servers enables management and administration of these clustered servers as a single entity. Cluster management and administration features are provided for configuration, application deployment, and monitoring purposes.

- Automatic and manual migration of a clustered server instance from one computer to another using Server Migration

Using Service Migration, the uninterrupted availability of singleton services — services that must run on only a single server instance at any given time, such as JMS and the JTA transaction recovery system — is ensured when the hosting server instance fails.

- Load balancing

Incoming requests can be routed to a WebLogic Server instance in the cluster based on the volume of work being processed.

The following types of objects can be clustered in a WebLogic Server deployment:

- Servlets
- Java Server Pages
- Enterprise JavaBeans
- Remote Method Invocation (RMI) objects
- Java Messaging Service (JMS) destinations. Note:
 - A connection factory and a destination can be targeted to different WebLogic Server instances.
 - Foreign servers and distributed destinations may be used across multiple WebLogic Server instances.

2.4.2.3.3 High Availability Considerations for Oracle WebLogic Server Middle-Tier Instances

There are several ways that you can make Oracle WebLogic Server instances highly available. Each of these high availability models has specific licensing implications. These considerations are similar to the licensing considerations for the high availability features of the Oracle Database.

- **Backup:** In this type of recovery, Oracle WebLogic Server data/files of the primary server are stored on storage devices, such as tape media, and customers are **not** required to purchase additional licenses.
- **Failover (also known as Active/Passive or Cold Failover Cluster):** In this type of recovery, Oracle WebLogic Server nodes are configured in an *Active/Passive Cluster*; the first installed node acts as a primary node. If the primary node fails, one of the nodes in the cluster acts as the primary node. In this type of environment Oracle permits licensed Oracle WebLogic Server customers to run the Oracle WebLogic Server on an unlicensed spare computer for up to a total of ten separate days in any given calendar year. Any other use requires the

environment to be fully licensed. Additionally, the same metric (that is, processor-based, or named user based) must be used when licensing the Oracle WebLogic Server in a failover environment.

- **Remote Mirroring:** This method involves copying the Oracle WebLogic Server software to the secondary site and copying the changes in the primary Oracle WebLogic Server configuration and data to the secondary site. This can be accomplished through techniques such as storage based remote mirroring or host based mirroring. In the event of a failure at the primary site, the Oracle WebLogic Server on the secondary site is run using the remote storage. In this environment, Oracle WebLogic Server must be fully licensed at the primary site, and if it is ever installed and/or run at the secondary site, it must also be fully licensed there. Additionally, the same metric (that is, processor-based, or named user based) must be used to license both Oracle WebLogic Server domains.

2.4.2.3.4 Database Integration

JDBC multi data sources, also known as GridLink for RAC, are available in Oracle WebLogic Server Standard Edition, Oracle WebLogic Server Enterprise Edition, and WebLogic Suite.

Use of Oracle WebLogic Server GridLink data sources, known as Active GridLink for RAC, is an entitlement available only as part of licensing WebLogic Suite or Exalogic Elastic Cloud Software.

[Table 2-11](#) lists and describes the license restricted Oracle WebLogic Server GridLink data source XML configuration elements.

Table 2-11 GridLink Data Source (Active GridLink for RAC) Configuration Detail

Data Source Configuration	Description
<fan-enabled>	Enables Fast Application Notification (FAN) event awareness of Oracle WebLogic Server
<ons-node-list>	Identifies list of Oracle Notification Service (ONS) nodes
<ons-wallet-file>	Identifies file defining SSL keys for ONS

For more information about configuring GridLink data sources within Oracle WebLogic Server, see "Using GridLink Data Sources" in *Configuring and Managing JDBC Data Sources for Oracle WebLogic Server*.

2.4.2.3.5 Oracle WebLogic Software Kit for Oracle Database Appliance

Oracle WebLogic Software Kit (the "Kit") for Oracle Database Appliance includes a restricted use of Oracle Traffic Director with Oracle WebLogic Server and integration software for Oracle WebLogic Server, both specific for Oracle Database Appliance (ODA).

The Oracle WebLogic Software Kit (the "Kit") for Oracle Database Appliance is limited to use with Oracle Database Appliance. The Oracle Traffic Director portion of the Kit is limited to High Availability Virtual IP, Access Manager WebGate, Origin server load

balancing to Oracle WebLogic Server, and content caching on Oracle Database Appliance.

2.4.2.4 WebLogic SIP Server

WebLogic SIP Server is included in all editions of Oracle WebLogic Server; however, you must license Oracle Communications Converged Application Server (OCCAS) in order to have usage rights to SIP Server.

2.4.2.5 Apache Derby

Apache Derby is an all-Java open source RDBMS that is included in the Oracle WebLogic Server distribution solely in support of Oracle WebLogic Server evaluation, either in the form of custom trial applications or through packaged sample applications provided with Oracle WebLogic Server. Use of Derby is subject to the terms of the Apache License, Version 2.0, available at the following URL:

<http://www.apache.org/licenses/>

2.4.2.6 Standalone WebLogic Clients

The licenses for Oracle WebLogic Server Standard Edition, Oracle WebLogic Server Enterprise Edition, and WebLogic Suite Edition provide unrestricted use of the client JAR files bundled with Oracle WebLogic Server for creating standalone clients that access applications hosted on Oracle WebLogic Server.

The client JARs and other resources provided in Oracle WebLogic Server for creating standalone clients, and the key features they support, are listed in [Table 2-12](#):

Table 2-12 Client JAR files and Other Resources Provided for Standalone Clients

Client Type	Bundled Resources	Key Features
WebLogic Full Client (T3)	wlfullclient.jar	Supports the following: <ul style="list-style-type: none"> • Most Java EE and WebLogic-specific features • Clustering, SSL • JMS and JMS SAF clients
WebLogic Thin Client (T3)	wlthint3client.jar	Supports the following: <ul style="list-style-type: none"> • Oracle WebLogic's T3 protocol for Remote Method Invocation (RMI), including RMI over HTTP • Access to JMX, JNDI, and EJB resources available in Oracle WebLogic Server • Transaction initiation and termination using JTA • WebLogic client JMS features • Client-side clustering • JAAS authentication and JSSE SSL

Table 2-12 (Cont.) Client JAR files and Other Resources Provided for Standalone Clients

Client Type	Bundled Resources	Key Features
WebLogic-IIOP	wlfullclient.jar	<ul style="list-style-type: none"> Supports most WebLogic-specific features Supports clustering, SSL Faster and more scalable than IIOP thin clients Not ORB-based Does not support Oracle WebLogic Server JMS
Java EE Application Client (Thin Client)	wlclient.jar	<ul style="list-style-type: none"> Clustering, SSL, many Java EE features, including security and transactions Uses CORBA 2.4 ORB
JMS Thin Client	wljmsclient.jar wlclient.jar	<ul style="list-style-type: none"> Thin client functionality WebLogic JMS, except for client-side XML selection for multicast sessions and JMSHelper class methods SSL
JMS SAF Client — For using store-and-forward services	wlsafclient.jar wljmsclient.jar wlclient.jar	<ul style="list-style-type: none"> Locally stores messages on the client and forwards them to server-side JMS destinations when the client is connected Supports SSL
JMS C Client	wlfullclient.jar or wljmsclient.jar wlclient.jar	<ul style="list-style-type: none"> C client applications that can access WebLogic JMS applications and resources Supports SSL
JMS .NET Client	WebLogic.Messaging.dll dynamic library	Microsoft .NET client applications, written in C# that can access WebLogic JMS applications and resources
JMX Client	wljmxclient.jar	Accesses Oracle WebLogic Server MBeans
Web Services Client	wseeclient.jar	Invokes Web Service
REST Client	jersey-client.jar	Supports JAX-RS client API

2.4.2.7 Other Oracle WebLogic Server Clients

The licenses for Oracle WebLogic Server Standard Edition, Oracle WebLogic Server Enterprise Edition, and WebLogic Suite provide unrestricted use of the clients listed and described in [Table 2-13](#) for the licensed Oracle WebLogic Server installation.

Table 2-13 Other Clients Use Not Restricted with the Licensed Oracle WebLogic Server

Client Type	Key Features
WebLogic Scripting Tool (WLST)	Client for configuring Oracle WebLogic Server instances

Table 2-13 (Cont.) Other Clients Use Not Restricted with the Licensed Oracle WebLogic Server

Client Type	Key Features
Web server plug-ins for Oracle WebLogic Server	Client for Apache HTTP Server, Microsoft Internet Information Server, Oracle HTTP Server, and Oracle iPlanet Web Server

2.4.3 Restricted-Use Licensing

The following restricted-use licenses are included with Oracle WebLogic Server in the editions and products indicated.

- [Oracle Database License Requirements](#)
- [Oracle Internet Application Server Requirements](#)
- [Oracle JDeveloper License Requirements](#)
- [Oracle Java SE, Oracle Java SE Advanced, and Oracle Java SE Suite](#)

2.4.3.1 Oracle Database License Requirements

WebLogic Suite includes Oracle Internet Application Server Enterprise Edition, which includes a restricted-use license of the Oracle Database. See [Restricted-Use Licensing](#) for details.

2.4.3.2 Oracle Internet Application Server Requirements

See [Restricted-Use Licensing](#) for details about restricted-use licenses included with WebLogic Suite Edition.

2.4.3.3 Oracle JDeveloper License Requirements

Oracle JDeveloper bundles UDDI client libraries from the HP SOA Systinet Registry. Such libraries and UDDI client functionality are licensed only to the end user for the purpose of connecting to and communicating with the Oracle Service Registry.

2.4.3.4 Oracle Java SE, Oracle Java SE Advanced, and Oracle Java SE Suite

A license to Oracle WebLogic Server Standard Edition includes a restricted use license for Oracle Java SE, solely for running Oracle WebLogic Server Standard Edition server applications and for enabling client applications to access Oracle WebLogic Server Standard Edition components. Support of Oracle Java SE is limited to support of Oracle WebLogic Server Standard Edition components.

A license to Oracle WebLogic Server Enterprise Edition includes a restricted use license for Oracle Java SE Advanced, solely for running Oracle WebLogic Server Enterprise Edition server applications. A license to Oracle WebLogic Server Enterprise Edition also includes a restricted use license for Oracle Java SE (for clarity, it is not Oracle Java SE Advanced), solely for the purpose of enabling client applications to access Oracle WebLogic Server Enterprise Edition components. Support of Oracle Java SE Advanced and Oracle Java SE is limited to support of Oracle WebLogic Server Enterprise Edition components.

A license to Oracle WebLogic Suite includes a restricted use license for Oracle Java SE Suite, solely for running Oracle WebLogic Suite server applications. A license to Oracle WebLogic Suite also includes a restricted use license for Oracle Java SE (for clarity, it is not Oracle Java SE Suite), solely for the purpose of enabling client applications to access Oracle WebLogic Suite components. Support of Oracle Java SE Suite and Oracle Java SE is limited to support of Oracle WebLogic Suite components.

In each case;

(a) Use of the applicable Oracle Java SE edition in the manner or order listed above in this section, shall be pursuant to the terms and conditions applying to your use of the corresponding Oracle WebLogic edition.

(b) If you use an Oracle Java SE edition in any other way than as set forth above in this section, your use of Oracle Java SE shall be subject to the terms set forth at: <http://www.oracle.com/technetwork/java/javase/terms/license>.

For details on Java SE Editions, see <http://www.oracle.com/technetwork/java/javase/terms/products/index.html>.

2.4.4 Oracle WebLogic Server Optimizations for Exalogic Elastic Cloud Software

The following sections describe the Oracle Weblogic Server optimizations for Exalogic Elastic Cloud software:

- [Input/ Output and Work Manager Optimizations for Exalogic Elastic Cloud Software](#)
- [JDBC and Data Source Optimizations for Exalogic Elastic Cloud Software](#)
- [Cluster State Replication Optimizations for Exalogic Elastic Cloud Software](#)
- [Socket Direct Protocol for Exalogic Elastic Cloud Software](#)
- [Server and Service Migration Performance Optimizations for Exalogic Elastic Cloud Software](#)
- [Java Server Page Factory Caching Optimizations for Exalogic Elastic Cloud Software](#)
- [Oracle HTTP Client Optimizations for Exalogic Elastic Cloud Software](#)

2.4.4.1 Input/ Output and Work Manager Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software can be configured with input/output and Work Manager optimizations for Oracle WebLogic Server [Table 2-14](#) lists and describes the MBean attributes⁴ for configuring Oracle WebLogic Server with these options that are restricted to Exalogic Elastic Cloud Software licenses.

⁴ For more information about these MBeans, see [Oracle WebLogic Server MBean Reference](#)

Table 2-14 Exalogic Elastic Cloud Software Configuration Enabled in Oracle WebLogic Server

MBean Attribute	Description
<code>KernelMBean.ScatteredReadsEnabled=true</code>	Increases efficiency during I/O in environments with high network throughput.
<code>KernelMBean.GatheredWritesEnabled=true</code>	Increases efficiency during I/O in environments with high network throughput.
<code>KernelMBean.AddWorkManagerThreadsByCpuCount</code>	Increases efficiency of the self-tuning thread pool by aligning it with the Exalogic processor architecture threading capabilities
<code>ServerMBean.useConcurrentQueueForRequestManager=true</code>	Lockless request manager enables higher concurrency and efficiency in processing on Exalogic systems, especially for JMS use cases.

2.4.4.2 JDBC and Data Source Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software can be configured with optimized JDBC connections and improved Oracle Database Real Application Cluster connectivity within Oracle WebLogic Server. [Table 2-15](#) lists and describes the Oracle JDBC features that are restricted to Exalogic Elastic Cloud Software licenses. Note, as stated in [Socket Direct Protocol for Exalogic Elastic Cloud Software](#) that Oracle WebLogic Server data sources using a JDBC connection string with the protocol portion being set to SDP (`PROTOCOL=SDP`) are restricted to Exalogic Elastic Cloud Software.

Table 2-15 Exalogic Elastic Cloud Software Oracle JDBC Options

Option	Description
<code>oracle.jdbc.enableJavaNetFastPath</code>	Enables the Oracle JDBC driver to reduce data copies and fragmentation.

Exalogic Elastic Cloud Software includes the right to Oracle WebLogic Server GridLink data sources, known as Active GridLink for RAC. The definitions of the XML configuration elements available in GridLink data sources for the Exalogic Elastic Cloud Software entitlement are described in [Database Integration](#)

2.4.4.3 Cluster State Replication Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software can be configured for optimized state replication with Oracle WebLogic Server. Specifically one-way RMI for state replication and multi-channel replication are restricted to Exalogic Elastic Cloud Software.

For information about configuring these cluster state replication optimizations, see "Enabling Cluster-Level Session Replication Enhancements" in *Oracle Fusion Middleware Exalogic Enterprise Deployment Guide*.

[Table 2-16](#) lists and describes the Oracle WebLogic Server cluster state replication MBeans that are restricted to Exalogic Elastic Cloud.

Table 2-16 Exalogic Elastic Cloud Software MBeans for State Replication

MBean	Description
<code>ServerMBean.setReplicationPorts(String ports)</code>	Enables the configuration of multiple replication channels per server within a Oracle WebLogic Server cluster.
<code>ClusterMBean.setOneWayRmiForReplicationEnabled(boolean enable)</code>	Enables state replication to be set directionally to one-way only
<code>ClusterMBean.setSessionLazyDeserializationEnabled(boolean enable)</code>	Increases efficiency with session replication.

2.4.4.4 Socket Direct Protocol for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud can be configured to utilize socket direct protocol (SDP) as a high performance protocol for WebLogic Network Channels and JDBC connectivity.

Oracle WebLogic Server data sources using a JDBC connection string with the SDP protocol (for example, `(PROTOCOL=SDP)`) are restricted to Exalogic Elastic Cloud Software. For information about configuring SDP based Oracle WebLogic Server data sources see "Enable Socket Direct Protocol for a Grid Link Data Source" in *Configuring and Managing JDBC Data Sources for Oracle WebLogic Server*.

Table 3-4 lists and describes Oracle WebLogic Server SDP features that are restricted to Exalogic Elastic Cloud Software licenses.

Table 2-17 Exalogic Elastic Cloud Software WebLogic MBean Configuration Options

MBean Attribute	Description
<code>NetworkAccessPointMBean.SDPEnabled</code>	Specifies whether the network channel supports the socket direct protocol.

For more information about the `NetworkAccessPointMBean.SDPEnabled` attribute, see the *Oracle WebLogic Server MBean Reference*.

2.4.4.5 Server and Service Migration Performance Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software can be configured with Oracle WebLogic Server to enable more rapid failure detection and failover for migration of pinned services such as JMS and JTA Transaction Recovery Services, or migration of migratable servers hosting such services.

[Table 2-18](#) lists and describes the Oracle WebLogic Server cluster MBeans that are restricted to Exalogic Elastic Cloud.

Table 2-18 Exalogic Elastic Cloud Software WebLogic MBean Configuration Options

MBean	Description
<code>ClusterMBean.memberDeathDetectorEnabled=true</code>	Enables faster detection of failed singleton services to improve server and service migration performance.

2.4.4.6 Java Server Page Factory Caching Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software can be configured with Oracle WebLogic Server to use JSP factory caching and improve scalability of Web applications built on the JSP Servlet engine (OJSP) utilized by Fusion Middleware products and Fusion Middleware applications running on Oracle WebLogic Server.

These optimizations are enabled when Exalogic domain-level enhancements are enabled as described in "Enabling Exalogic-Specific Enhancements in Oracle WebLogic Server 11g Release 1". They can also be controlled by enabling the init parameter `jsp_factory_caching` (default `false`).

2.4.4.7 Oracle HTTP Client Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software can be configured with Oracle WebLogic Server to optimize Oracle HTTP client connection management to improve performance of Web applications built with Fusion Middleware products running on Oracle WebLogic Server.

These optimizations are enabled when Exalogic domain-level enhancements are enabled as described in "Enabling Exalogic-Specific Enhancements in Oracle WebLogic Server 11g Release 1."

2.4.5 Third-Party Products and Details for Oracle WebLogic Server

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party products and details, for Oracle WebLogic Server, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle WebLogic Server with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle WebLogic Server are identified in the following [Table 2-19](#), 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 following release versions are associated with the third-party products in Oracle WebLogic Server:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This [Table 2-19](#) summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle WebLogic Server.

Table 2-19 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle WebLogic Server

Provider	Component(s)	Release Versions	Licensing Information
A. Abram White	Serp 1.14.2	12.2.1.3.0	<p>Serp is an open source framework for manipulating Java bytecode (http://serp.sourceforge.net)</p> <p>Licensed under the Serp License. You may obtain a copy of the License at: http://serp.sourceforge.net/site/license.html.</p> <p>All rights reserved.</p> <p>Copyright (c) 2002, A. Abram White</p> <p>All rights reserved.</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>For more information on this license and/or for a copy of the license, see Serp License.</p>
ANTLR	Antlr 2.7.5, 2.7.7	11.1.1.9.0	<p>For a copy of the license, see Antlr License.</p>

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Provider	Component(s)	Release Versions	Licensing Information
ANTLR	Antlr 3.2	12.2.1.2.0 12.2.1.3.0	<p>Copyright (c) 2003-2007, Terence Parr All rights reserved.</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>For more information on this license and/or for a copy of the license, see Antlr License.</p>
Apache	Ant 1.7.1	11.1.1.9.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Ant 1.9.2	12.2.1.2.0	<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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0.</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>

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Provider	Component(s)	Release Versions	Licensing Information
Apache	Ant 1.9.8	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	ANT Form 1.4.6beta	11.1.1.9.0	For a copy of the license, see GNU LESSER GENERAL PUBLIC LICENSE (Version 2.1) .
Apache	AntContrib 1.0b3 ant-contrib 1.0b3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Ant-Contrib Copyright (c) 2001-2003 Ant-Contrib project. All rights reserved. Licensed under the Apache 1.1 License Agreement. The name Ant-Contrib must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: antcontrib-developers@lists.sourceforge.net. For more information on this license and/or for a copy of the license, see Apache License Version 1. 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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
Apache	Apache Commons Net 2.0	12.2.1.2.0	<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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0. For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>

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Apache	Apache Derby 10.6.1.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Derby 10.11	12.2.1.2.0 12.2.1.3.0	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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	Apache Jakarta Commons HttpClient 3.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	Copyright 1999-2007 The Apache Software Foundation All rights reserved. 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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .

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Apache	Apache Jakarta Commons HttpClient3.0.1	12.2.1.2.0	<p>Copyright © 1999-2006 The Apache Software Foundation.</p> <p>All rights reserved.</p> <p>This product includes software developed by The Apache Software Foundation (http://www.apache.org/).</p> <p>Portions of this software were originally based on the following: - software copyright (c) 2000-2003, BEA Systems, <http://www.bea.com/></p> <p>Aside from contributions to the Apache XMLBeans project, this software also includes:</p> <ul style="list-style-type: none"> • one or more source files from the Apache Xerces-J and Apache Axis products, Copyright (c) 1999-2003 Apache Software Foundation • 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) • resolver.jar from Apache Xml Commons project, Copyright (c) 2001-2003 Apache Software Foundation • Piccolo XML Parser for Java from http://piccolo.sourceforge.net/, Copyright 2002 Yuval Oren under the terms of the Apache Software License 2.0 • JSR-173 Streaming API for XML from http://sourceforge.net/projects/xmlpullparser/, Copyright 2005 BEA under the terms of the Apache Software License 2.0 <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
Apache	Apache Jelly	11.1.1.9.0 1.0	<p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>

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Apache	Apache Velocity 1.4	12.2.1.2.0 12.2.1.3.0	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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	beehive-netui-core-1.0.2.jar 1.0.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	cglib 2.2.3	12.2.1.2.0	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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	cglib 3.2.5	12.2.1.3.0	For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	cglib (Code Generation Library) 2.1_03	12.2.1.2.0	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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	Classmate 1	12.2.1.2.0	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/ For more information on this license and/or for a copy of the license, see Apache License Version 2 .

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Apache	Commons Digester 1.6, 1.8	12.2.1.2.0 12.2.1.3.0	<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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0.</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
Apache	Commons FileUpload 1.3.2	12.2.1.2.0 12.2.1.3.0	<p>Apache Commons FileUpload Copyright 2002-2008</p> <p>The Apache Software Foundation</p> <p>This product includes software developed by</p> <p>The Apache Software Foundation (http://www.apache.org/).</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
Apache	Commons Logging 1.1.1, 1.2	12.2.1.2.0 12.2.1.3.0	<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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0.</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>
Apache	commons-pool 1.6	12.2.1.2.0 12.2.1.3.0	<p>Apache 2.0 license: http://www.apache.org/licenses/LICENSE-2.0</p> <p>Apache Commons Pool</p> <p>Copyright 1999-2009 The Apache Software Foundation</p> <p>This product includes software developed by</p> <p>The Apache Software Foundation (http://www.apache.org/).</p> <p>For more information on this license and/or for a copy of the license, see Apache License Version 2.</p>

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Apache	XML Security 1.4.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Xalan 2.7.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	xercesImpl.jar 2.8.1	12.2.1.2.0 12.2.1.3.0	Apache Xerces Java Copyright © 1999–2010 The Apache Software Foundation Software copyright © 1999 For a copy of the license, see Apache License Version 2 .
Apache	Commons Validator 1.4.1	12.2.1.2.0 12.2.1.3.0	Copyright 2001-2012 The Apache Software Foundation. All rights reserved. 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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	Apache XMLBeans 2.3, 2.5	11.1.1.9.0	For a copy of the license, see Apache XMLBeans License .
Apache	Apache XMLBeans 2.6.0	12.2.1.3.0	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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .

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Apache	HttpComponents HttpClient 4.1.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
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ILOG	JViews Diagrammer 8.6	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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java.net	jsf facelets (jsf-facelets-1.1.1 1.jar)	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
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The Apache Software Foundation	Maven Archetype Descriptor 2.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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The Apache Software Foundation	Apache Commons Logging 1.1.1	11.1.1.9.0 12.2.1.2.0	Apache Commons CLI Copyright © 2001–2009 The Apache Software Foundation For a copy of the license, see Apache Commons Logging License .
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The Apache Software Foundation	ws-commons-util 1.0.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Legion Of The Bouncy Castle	Bouncy Castle Crypto API 1.4	11.1.1.9.0	<p>Copyright (c) 2000 - 2009 The Legion Of The Bouncy Castle (http://www.bouncycastle.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: 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 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>
The Legion Of The Bouncy Castle	Bouncy Castle Crypto API 1.45	11.1.1.9.0	<p>Copyright (c) 2000 - 2009 The Legion Of The Bouncy Castle (http://www.bouncycastle.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: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software</p>

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Visigoth Software Society	FreeMarker 2.3.19	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see FreeMarker License.</p>

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- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Apache	Apache Commons BeanUtils 1.8.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2
Apache	Byte Code Engineering Library (BCEL) 5	12.2.1.2.0	Copyright © 2000 The Apache Software Foundation All rights reserved. Licensed under the Apache 1.1 License Agreement. The names "Apache" and "Apache Software Foundation" and "Apache BCEL" 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 . For a copy of the license, see Apache License Version 1
Apache	Byte Code Engineering Library (BCEL) 6.0-SNAPSHOT	12.2.1.3.0	Apache Byte Code Engineering Library (BCEL) v5.0 Copyright (c) 2000 The Apache Software Foundation. All rights reserved. Licensed under the Apache 1.1 License Agreement. The names "Apache" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact apache@apache.org . 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 Apache License Version 1
Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Apache	Jakarta Commons Collections 3.2	11.1.1.9.0	Copyright 2001-2015 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Digester 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Woodstox 4	11.1.1.9.0	For more information on this license and/or for a copy of the license, see Apache License Version 2 .

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asm.objectweb.org	asm_attrs.jar	11.1.1.9.0	<p>ASM: a very small and fast Java bytecode manipulation framework Copyright (c) 2000, 2002, 2003, INRIA, France Telecom. 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"> 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. 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>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 OR 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>

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MetaStuff, Ltd.	dom4j 1.6.1	11.1.1.9.0	For a copy of the license, see dom4j License .
MetaStuff, Ltd.	Dom4j 1.6.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see dom4j License
SpringSource	Spring Framework 2.5.6	11.1.1.9.0	For a copy of the license, see Apache License Version 2
SpringSource	Spring Framework 2.5.0, 3.1	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2002–2011 SpringSource, a division of VMware, 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. See Apache License Version 2.</p> <p>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>

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The Apache Software Foundation	commons-beanutils 1.9.3	12.2.1.3.0	For a copy of the license, see Apache License Version 2

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xsdlib	xsdlib.jar	12.2.1.2.0	For a copy of the license, see xsdlibjar License

2.5 Oracle Internet Application Server

Oracle Internet Application Server is available in three editions with different functional capabilities, each suitable for different kinds of applications and different development

and deployment scenarios. Oracle also offers several application server options, packs, and other products that enhance the capabilities of Oracle Internet Application Server for specific purposes.

This section describes the licensing editions of Oracle Internet Application Server.

 **Note:**

All editions of the products Oracle Internet Application Server and Oracle Forms and Reports Server include rights to Oracle WebLogic Server Basic. Oracle WebLogic Server Basic is only for running components provided within these products such as Forms, Reports, Discoverer and Portal. It can also be used for custom Java applications such as those developed for Oracle Containers for J2EE. Products outside of Oracle Internet Application Server and Oracle Forms and Reports that have licensing dependencies on any edition of Oracle Internet Application Server or Oracle Forms and Reports do not have the right to run those products on Oracle WebLogic Server Basic unless stated specifically within their licensing documentation.

For complete details about Oracle WebLogic Server Basic, see [WebLogic Server Basic](#).

[Table 2-22](#) introduces the Oracle Internet Application Server licensing options.

Table 2-22 Oracle Internet Application Server Editions

Licensing Edition	High-Level Functionality	Included Features
Standard Edition	<p>Oracle Internet Application Server Standard Edition includes:</p> <ul style="list-style-type: none"> • Oracle HTTP Server • Oracle TopLink and Application Development Framework (This also includes MapViewer, for details see Oracle TopLink and Oracle Application Development Framework (ADF)) • Oracle Portal • Oracle Web Cache • Java SE. For details on Java SE Editions, see http://www.oracle.com/technetwork/java/javase/terms/products/index.html. • Oracle WebLogic Server Basic (see WebLogic Server Basic) 	<ul style="list-style-type: none"> • mod_ossll • mod_oradav • mod_fastcgi • mod_rewrite • Proxy Plug-In • XML Developer Kit • Oracle Security Developer Tools • Oracle Enterprise Manager Fusion Middleware Control • Java Authentication and Authorization Service (JAAS) Provider • Data Direct JDBC drivers for Oracle and non-Oracle databases • mod_plsql • mod_osso • mod_perl • Perl Interpreter • DBI/DBD data access libraries • Oracle Content Management SDK • Oracle Repository Creation Utility

 **Note:**

In Oracle Fusion Middleware 10g Release 2 and Release 3, Oracle Internet Application Server includes the licensing rights to Oracle Containers for J2EE (OC4J) as the J2EE container. In future releases of Oracle Fusion Middleware, customers of Oracle Internet Application Server continue to have rights to the OC4J 10g Release 2 and Release 3 (the terminal release of OC4J).

Table 2-22 (Cont.) Oracle Internet Application Server Editions


Licensing Edition	High-Level Functionality	Included Features
	<p>Oracle Internet Application Server also includes the Oracle Security Developer Tools.</p> <p>Oracle Internet Application Server Standard Edition, in addition to the components listed above, also includes the following:</p> <ul style="list-style-type: none"> • Oracle Internet Directory • Oracle Single Sign-On • Oracle Directory Services Manager 	
	<div style="border-left: 2px solid #0070C0; border-right: 2px solid #0070C0; border-bottom: 2px solid #0070C0; padding: 10px;"> <p> Note:</p> <p>In Oracle Fusion Middleware 10g Release 2, Oracle Internet Application Server includes the licensing rights to Oracle Single Sign-On. In Oracle Fusion Middleware 11g, customers of Oracle Internet Application Server continue to have rights to Oracle Single Sign-On 10g Release 2. In Oracle Fusion Middleware 11g, customers of Oracle Internet Application Server additionally have the rights to Oracle Access Manager Basic as described in Oracle Access Manager Basic.</p> </div>	

Table 2-22 (Cont.) Oracle Internet Application Server Editions


Licensing Edition	High-Level Functionality	Included Features
-------------------	--------------------------	-------------------

 **Note:**

In Oracle Fusion Middleware 10g Release 2, Oracle Internet Application Server Standard Edition includes limited use licenses for Oracle Internet Directory and Oracle Single Sign-On. The full use licenses for these products are available in Oracle Internet Application Server Enterprise Edition, and also in Oracle Identity and Access Management Suite Plus as described in [Oracle Identity and Access Management Suite Plus](#).

Table 2-22 (Cont.) Oracle Internet Application Server Editions

Licensing Edition	High-Level Functionality	Included Features
Enterprise Edition	<p>Oracle Internet Application Server Enterprise Edition includes all of the Standard Edition functionality, plus:</p> <ul style="list-style-type: none"> • Oracle Internet Directory • Oracle Single Sign-On • Oracle Reports Services • Oracle Forms Services • Oracle Directory Services Manager <p>In addition to the components listed above, Oracle Internet Application Server Enterprise Edition includes the rights to the following components from Oracle Fusion Middleware 10g Release 2:</p> <ul style="list-style-type: none"> • Oracle Delegated Administration Services • Oracle Directory Integration Platform • Oracle Single Sign-On <p>Oracle Internet Application Server Enterprise Edition includes full use licenses for Oracle Internet Directory.</p>	<p>All Standard Edition features, plus:</p> <ul style="list-style-type: none"> • Oracle Identity Management features • Business Intelligence features • Application Interconnect Toolkit • Technology Adapters and Oracle Enterprise Service Bus • Oracle B2B

 **Note:**
See [Oracle Identity Management](#) for details about Identity Management features.




 **Note:**
In Oracle Fusion Middleware 10g Release 2, Oracle Internet Application Server includes the licensing rights to Oracle Single Sign-On. In Oracle Fusion Middleware 11g, customers of Oracle Internet Application Server continue to have rights to Oracle Single Sign-On 10g Release 2. In Oracle Fusion Middleware 11g, customers of Oracle Internet Application

Table 2-22 (Cont.) Oracle Internet Application Server Editions

Licensing Edition	High-Level Functionality	Included Features
	<p> Server additionally have the rights to Oracle Access Manager Basic as described in Oracle Access Manager Basic.</p>	
	<p> Note:</p> <p>If you license Oracle Internet Application Server Enterprise Edition, some Identity Management and Access Management components will be from earlier releases of Oracle Fusion Middleware 10g.</p>	

This section contains the following topics:

- [Oracle Internet Application Server Editions and Installation Types](#)
- [Licensing Considerations for Additional Features](#)
- [Restricted-Use Licensing](#)

2.5.1 Oracle Internet Application Server Editions and Installation Types

When you install Oracle Internet Application Server, you will have the choice of several installation types. Each installation type provides a specific set of components and features.

Oracle Internet Application Server editions do not map directly to these product installation types. It is important to understand how these two concepts relate to each other. [Table 2-23](#) lists the minimum edition requirements for each installation type.

In each case, the minimum edition listed is the edition required to install the installation type. However, the minimum edition may not enable you to use everything included in that installation type. For example, you can install Portal, Forms, Reports and Discoverer from an installation type, but the Standard Edition license does not cover the usage of Oracle Forms, Reports and Discoverer. These restrictions are detailed in [Table 2-24](#).

Table 2-23 Edition Requirements for Installation Types of Oracle Internet Application Server

Installation Type	Oracle Internet Application Server Minimum Edition Required
Web Tier	Standard Edition
Oracle WebLogic Server	Standard Edition
JDeveloper	Standard Edition
TopLink	Standard Edition
Oracle Identity Management	Standard Edition
Portal, Forms, Reports and Discoverer	Standard Edition
Integration, Oracle B2B	Enterprise Edition
Repository Creation Utility	Standard Edition

[Table 2-24](#) lists the installation types available with each of the Oracle Internet Application Server editions, along with any exceptions or restrictions associated with each edition-installation pair.

Table 2-24 Installation Types Included with Editions of Oracle Internet Application Server

Edition	Installation Types	Exceptions
Standard Edition	Web Tier Oracle WebLogic Server JDeveloper TopLink Portal, Forms, Reports and Discoverer Repository Creation Utility	Upgrade to Enterprise Edition if you need: <ul style="list-style-type: none"> • Portal, Forms, Reports and Discoverer • Oracle Single Sign-On • Oracle Internet Directory See also Restricted-Use Licensing
Enterprise Edition	Web Tier Oracle WebLogic Server JDeveloper TopLink Portal, Forms, Reports and Discoverer Integration, Oracle B2B Repository Creation Utility	For Integration installations, all packaged application, legacy system, and B2B adapters are licensed separately. See also Restricted-Use Licensing

2.5.2 Licensing Considerations for Additional Features

Certain Oracle Application Server features have additional licensing considerations.

This section contains the following topics:

- [Management Features](#)
- [Security Features](#)
- [High Availability Features](#)
- [Adapters](#)

2.5.2.1 Management Features

Note the following license considerations for management features:

- Oracle Enterprise Manager Fusion Middleware Control is included with all editions of Oracle Application Server.
- Oracle Application Server Enterprise Edition can be managed by Oracle Enterprise Manager Cloud Control, which is Oracle's integrated enterprise information technology (IT) management product line providing the industry's only complete, integrated, and business-driven enterprise cloud management solution.

2.5.2.2 Security Features

Oracle Application Server provides a number of features to ensure security between the client and the application server, and between the application server and the database.

This section contains the following topics:

- [Oracle Advanced Security](#)
- [Oracle Identity Management](#)

2.5.2.2.1 Oracle Advanced Security

Oracle Advanced Security ensures that communication over the Oracle SQL*Net Protocol is encrypted and secure. It also provides strong authentication services between the application server and the database. As part of a "secure by default" architecture, Oracle Advanced Security is installed with Oracle Fusion Middleware by default. This ensures that the client components required for secure communication and strong authentication between the application server and an Oracle database are present. However, if you want to configure and use the secure communication and authentication services provided by Oracle Advanced Security, you must also license Oracle Advanced Security with the Oracle database with which the application server communicates.

2.5.2.2.2 Oracle Identity Management

The Oracle Identity Management license that is included in Oracle Internet Application Server Enterprise Edition includes the following:

- Oracle Internet Directory
- Oracle Directory Integration Platform
- Oracle Delegated Administration Services
- Oracle Directory Services Manager
- Oracle Single Sign-On

- Oracle Access Manager Basic

For more information, see [Oracle Access Manager Basic](#).

A restricted use license for some of the Oracle Identity Management features is included with the application server for specific purposes. For more information, see [Restricted-Use Licensing](#)

2.5.2.3 High Availability Features

Oracle Internet Application Server has several high availability features that require special licensing considerations. These considerations are similar to the licensing considerations for the high availability features of the Oracle Database. These considerations are described in [High Availability Considerations for Oracle WebLogic Server Middle-Tier Instances](#). There are further high availability restrictions for Oracle Internet Application Server based on the limited use license of Oracle WebLogic Server Basic, described in [WebLogic Server Basic](#).

2.5.2.4 Adapters

See [Oracle Fusion Middleware Adapters](#) for a description of Fusion Middleware Adapters. Technology adapters are included in all Oracle Internet Application Server editions. Other adapters require separate licensing.

2.5.3 Restricted-Use Licensing

The following restricted-use licenses are included with Oracle Internet Application Server in the editions and products indicated.

- [Standard Edition](#)
- [Enterprise Edition](#)
- [Oracle Database License Requirements: Oracle Internet Application Server \(Standard Edition, Enterprise Edition\) and WebLogic Suite](#)

2.5.3.1 Standard Edition

- Oracle Single Sign-On is provided only for use with Oracle Portal.
- Oracle Internet Directory is provided for use with Oracle Single Sign-On and with application server components to:
 - Provision, store, and manage users and groups, along with their associated security credentials and privileges
 - Synchronize data with third party directory services
 - Store other component-specific metadata
- Oracle Advanced Security Option is included, with use limited strictly to the Oracle Java SSL Library.
- The Oracle Database (Enterprise Edition) is provided only for use with the Oracle Repository Creation Utility database schema for storing product metadata.

 **Note:**

During installation, you can choose to install the product metadata into an existing, licensed database. Choosing this option has the following licensing implications:

- The restricted use license does not apply to the use of the existing database as the Oracle Repository Creation Utility database schema.
- If the computer on which your existing database is running does not run any other Oracle Application Server installations, there is no Oracle Internet Application Server license requirement for that computer.
- Installing the Oracle Repository Creation Utility database schema into your existing database may increase the number of users accessing that database, and may thus affect your database license needs. You need to make sure that you have the appropriate number of database licenses to ensure compliance.

2.5.3.2 Enterprise Edition

- A license to iAS-EE includes a restricted-use license to Oracle Business Intelligence Publisher. Use of Oracle Business Intelligence Publisher is restricted to use for production deployment purposes only. For use of Oracle Business Intelligence Publisher with application development and testing, a full use Oracle Business Intelligence Publisher, Oracle Business Intelligence EE, or Internet Developer Suite license is required.
- Oracle Advanced Security Option is included, with use limited strictly to the Oracle Java SSL Library.
- The Oracle Database (Enterprise Edition) is provided only for use with the Oracle Repository Creation Utility database schema for storing product metadata.

 **Note:**

During installation, you can choose to install the Oracle Repository Creation Utility database schema into an existing, licensed database. Choosing this option has the following licensing implications:

- The restricted use license does not apply to the use of the existing database for the Oracle Repository Creation Utility database schema.
- If the computer on which your existing database is running does not run any other Oracle Fusion Middleware installations, there is no Oracle Internet Application Server license requirement for that computer.
- Installing the Oracle Repository Creation Utility database schema into your existing database may increase the number of users accessing that database, and may thus affect your database license needs. You need to make sure that you have the appropriate number of database licenses to ensure compliance.

2.5.3.3 Oracle Database License Requirements: Oracle Internet Application Server (Standard Edition, Enterprise Edition) and WebLogic Suite

Storing any data other than the Oracle Repository Creation Utility database schema in the Oracle Application Server Infrastructure database requires a full use license of the Oracle Database (Standard Edition 2 or Enterprise Edition).

This section contains the following topics:

- [Full Use License of Oracle Database Standard Edition 2](#)
- [Full Use License of Oracle Database Enterprise Edition](#)
- [When is a Full Use License of Oracle Database Not Required?](#)

2.5.3.3.1 Full Use License of Oracle Database Standard Edition 2

Some examples of the kinds of data that require the purchase of a full use license for the Oracle Database Standard Edition 2 include:

- Documents or any other objects stored in the Oracle Database under Oracle Content Management SDK
- Documents or any kind of content stored in the Portal Repository
- Oracle Integration B2B
- Any BPEL Process Manager process instance data, which includes using Oracle Database as the dehydration store
- Any LDAP data related to the use of Oracle Internet Directory as a general purpose LDAP directory
- Any other custom data that is created or updated by an application

2.5.3.3.2 Full Use License of Oracle Database Enterprise Edition

Two kinds of data require the purchase of a full use license of the Oracle Database Enterprise Edition:

- Any Oracle Portal that leverages the VPD functionality of the database for hosting
- Any LDAP data related to the use of an Oracle Internet Directory LDAP Directory, and database replication is used

2.5.3.3.3 When is a Full Use License of Oracle Database Not Required?

The following scenarios do not require the purchase of a full use license of the Oracle Database when you purchase Oracle Internet Application Server:

- If you are only using Oracle Web Cache
- If you are using Oracle Business Intelligence Discoverer only against a non-Oracle database
- If you are using Oracle Reports Services only against a non-Oracle database

2.6 Oracle GlassFish Server

Oracle GlassFish Server is a Java EE server infrastructure that comes with a rich administrative console and scripting infrastructure for developing and deploying Java EE applications. It is available as a standalone product.

When you license Oracle GlassFish Server, it includes:

- Java EE Server infrastructure
- Java SE. For details on Java SE Editions, see <http://www.oracle.com/technetwork/java/javase/terms/products/index.html>.
- Oracle GlassFish Message Queue
- Oracle GlassFish Server HTTP load balancer plug-in
- GlassFish Server Control
- Oracle TopLink — for JPA 2.0 persistence infrastructure
- asadmin — the command line interface to Oracle GlassFish Server
- HADB — for Oracle GlassFish 2.x releases, enabling additional quality of service support for state management

Oracle GlassFish Server is part of the Oracle Fusion Middleware application grid portfolio and is ideally suited for applications requiring lightweight infrastructure with the most up-to-date implementation of enterprise Java, Java EE 6, and Java Web Services infrastructure.

Oracle GlassFish Server can also be managed with Oracle Enterprise Manager Cloud Control 12c, which is Oracle's integrated enterprise information technology (IT) management product line providing the industry's only complete, integrated, and business-driven enterprise cloud management solution. Management of Oracle GlassFish Server with Cloud Control is separately licensed; see [Oracle WebLogic Server Management Pack Enterprise Edition](#).

This section contains the following topics:

- [Java SE](#)

2.6.1 Java SE

Java SE includes the Java Development Kit (JDK), the Java Runtime Environment (JRE) and the JRockit JDK.

For full details on Java SE Editions, see <http://www.oracle.com/technetwork/java/javase/terms/products/index.html>.

2.7 Oracle Web Tier

Oracle Web Tier is a high performance Web server infrastructure consisting of the following components:

- Oracle iPlanet Web Server
Oracle iPlanet Web Server is the former Sun Java System Web Server, and delivering a single, secure infrastructure for all Web technologies and applications.

- Oracle iPlanet Web Proxy Server
Oracle iPlanet Web Proxy Server solves the problems of network congestion and slow response time and provides control over network resources without burdening end users or network administrators.
- Oracle Web Cache
Oracle Web Cache is a content-aware server accelerator, or reverse proxy, for the web tier that improves the performance, scalability, and availability of Web sites running on any web server or application server, such as Oracle HTTP Server and Oracle WebLogic Server. Oracle Web Cache can serve large numbers of client requests, offloading this process from the application server.
- [Oracle WebLogic Management Framework](#)
- Oracle HTTP Server
Oracle HTTP Server is an Apache based web server that provides a HTTP listener for Oracle WebLogic Server and the framework for hosting static pages, dynamic pages, and applications over the web.
Oracle HTTP Server includes the following extensions:
 - mod_oss1
 - proxy plug-in
 - mod_oradav
 - mod_fastcgi
 - mod_rewrite
 - mod_plsql
 - mod_osso
 - mod_perl
- [Third-Party Products and Details for Oracle HTTP Server](#)

2.7.1 Third-Party Products and Details for Oracle HTTP Server

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle HTTP Server, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle HTTP Server with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle HTTP Server are identified in the following table, 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 following release versions are associated with the third-party products in Oracle HTTP Server:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle HTTP Server.

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Apache	apr 1.5.x	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Lang 2.6	12.2.1.2.0	Apache Commons Lang Copyright 2001-2010 The Apache Software Foundation All rights reserved. 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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
Apache	commons-lang 3.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Configuration 2	12.2.1.3.0	Apache Commons Configuration Copyright © 2001–2012 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.1.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
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Apache	HTTP Server 2.2.14	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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CPAN	MIME::Base64 3.07	11.1.1.9.0	<p>This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN").</p> <p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>
CPAN	Perl Interpreter 5.8.8, 5.10.0, 5.22.0	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>
CPAN	Perl XML::Parser 2.34, 2.36	11.1.1.9.0	<p>This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN").</p> <p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>
CPAN	Time-HiRes 1.9704, 1.9712	11.1.1.9.0	<p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>
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CPAN	Storable 2.15, 2.18	11.1.1.9.0	<p>This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN").</p> <p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>

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CPAN	Mail::Sender 0.8.13	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
CPAN	libwww-perl 5.805, 5.808	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
CPAN	HTML::Tagset 3.1	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
CPAN	HTML::Parser 3.56	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
CPAN	Digest::SHA1 2.11	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
CPAN	Digest::MD2 2.03	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
CPAN	Digest::HMAC 1.01	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .

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CPAN	Apache::DBI 1.05, 1.06	11.1.1.9.0	This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN"). For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .

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			<p>3. 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:</p> <ul style="list-style-type: none"> • 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. <p>4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:</p> <ul style="list-style-type: none"> • 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

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Provider	Component(s)	Release Versions	Licensing Information
			<p>instructions on where to get the Standard Version.</p> <ul style="list-style-type: none"> • d) Make other distribution arrangements with the Copyright Holder. <p>5. 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.</p> <p>6. 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.</p> <p>7. 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</p>

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Provider	Component(s)	Release Versions	Licensing Information
			<p>in any way that would cause it to fail the regression tests for the language.</p> <p>8. 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.</p> <p>9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>10. 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>
CPAN	Win32API::Registry	11.1.1.9.0	<p>This program contains third-party code from the Comprehensive Perl Archive Network ("CPAN").</p> <p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>
CPAN	Win32::TieRegistry 0.25	11.1.1.9.0	<p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>
CPAN	Devel::Symdump 2.07, 2.08	11.1.1.9.0	<p>For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License.</p>

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Daniel Stenberg	cURL (libcurl) 7.46.0	12.2.1.2.0	<p>From the COPYING file in the curl-7.44.0.tar.gz tarball:</p> <p>COPYRIGHT AND PERMISSION NOTICE</p> <p>Copyright (c) 1996 - 2015, Daniel Stenberg, <daniel@haxx.se>.</p> <p>All rights reserved.</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", 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 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>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.</p>

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Jean-loup Gailly and Mark Adler	Zlib Data Compression Library 1.2.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see zlib License
OpenSource	Libxml2 2.9.3 2.9.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see LibXML2 License
http://www.pcre.org/	PCRE (Perl-compatible Regular Expressions) 8.36, 8.39	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see PCRE (Perl-compatible Regular Expressions) License

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The Apache Software Foundation	Apache HTTP Server 2.4.20 (update to 2.4.16 TPNO 23618)	12.2.1.2.0	<p>Apache HTTP Server Copyright 2016 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</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). For a copy of the license, see Apache License Version 2.</p>

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The Apache Software Foundation	Apache HTTP Server 2.4.25	12.2.1.3.0	<p>Apache HTTP Server Copyright 2016 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</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). For a copy of the license, see Apache License Version 2.</p>
The Apache Software Foundation	commons-beanutils 1.9.2	12.2.1.3.0	<p>Apache Commons BeanUtils Copyright 2000-2010 The Apache Software Foundation</p> <p>This product includes software developed by The Apache Software Foundation (http://www.apache.org/).</p>
TrustWave	mod_security 2.9.1 (update to 2.8.0 TPNO)	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2004-2016 Trustwave. All rights reserved.</p> <p>ModSecurity and mod_security are trademarks or registered trademarks of Trustwave Holdings, Inc.</p> <p>Copyright 2016 ModSecurity</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 http://www.apache.org/licenses/LICENSE-2.0</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>For a copy of the license, see Apache License Version 2.</p>
xmlsoft.org	libxml2	11.1.1.9.0	<p>For a copy of the license, see LibXML2 License</p>

2.8 Oracle Coherence Products

Oracle Coherence is available in the following three editions: Oracle Coherence Standard Edition One (OC-SEO), Oracle Coherence Enterprise Edition (OC-EE), and Oracle Coherence Grid Edition (OC-GE). Coherence deployment consists of a set of clustered nodes, each of which must be licensed with the same edition.

OC-SEO clusters may have unlimited nodes, but only two nodes may be configured to have any partitioned cache services (storage-enabled attribute set to true).

An unlimited number of Oracle Coherence Real-Time Compute Clients licenses are included with each license of OC-GE. Real-time Compute Clients provide Java client access from within the Coherence cluster and have all the capabilities of OC-GE nodes except the capability to manage partitioned data and the capability to be an extend proxy.

This section contains the following topics:

- [Client Access to Oracle Coherence Clusters](#)
- [Feature Availability in Oracle Coherence Editions](#)
- [Oracle WebLogic Coherence Grid Edition Option](#)
- [Restricted Use Licenses](#)
- [Oracle Coherence Optimizations for Exalogic Elastic Cloud Software](#)
- [Oracle Management Pack for Oracle Coherence](#)
- [Third-Party Products and Details for Oracle Coherence Products](#)

2.8.1 Client Access to Oracle Coherence Clusters

Oracle Coherence Real-Time Data Clients (OC-RTDC) enable client access from outside the Oracle Coherence cluster. An unlimited number of OC-RTDC licenses are included with each license of Oracle Coherence. OC-RTDC come in three languages: Java, C++ or .NET (C#), with OC-SEO limited to Java-only. OC-RTDC connects to the Oracle Coherence cluster through one or more specially configured cluster member nodes called an Extend Proxy. All Extend Proxy nodes must be separately licensed.

2.8.2 Feature Availability in Oracle Coherence Editions

Oracle Coherence installation packages install features that may be restricted to use only in specified Oracle Coherence Editions. [Table 2-26](#) lists the features available in the Oracle Coherence Editions. The Y value in a column means that the feature is available in the specified product edition; N means that use of the feature is not permitted in the specified product edition. This table can help you understand the difference between the product editions and determine whether you require Oracle Coherence Standard Edition One, Oracle Coherence Enterprise Edition or Oracle Coherence Grid Edition.

Table 2-26 Coherence Editions

Feature	Oracle Coherence Standard Edition One	Oracle Coherence Enterprise Edition	Oracle Coherence Grid Edition
Fault-tolerant data caching	Y	Y	Y
Data management including write-behind, transactions, analytics and events	Y	Y	Y
Local cache, Near cache, continuous query cache, real-time events	Y	Y	Y
Fully replicated data management	Y	Y	Y
Partitioned data management	Y	Y	Y
Data source integration through read-through/write-through/write-behind caching	Y	Y	Y
Persistent, Recoverable Caching	Y	Y	Y
Hibernate integration	Y	Y	Y
REST, memcached, JCache Clients	Y	Y	Y
Java Real Time Data Clients	Y	Y	Y
Scale-out Caching, Query, Aggregation, and Processing	N	Y	Y
.NET and C++ Real-Time Data Clients	N	Y	Y
Oracle WebLogic Management Framework (see Oracle WebLogic Management Framework)	N	Y	Y
HTTP session management for application servers	N	Y	Y
TopLink integration	N	Y	Y
WorkManager	N	Y	Y
Elastic Data	N	N	Y
GoldenGate HotCache	N	N	Y
Unlimited Real-Time Compute Clients	N	N	Y
Multitenancy ¹	N	N	Y
Federated Caching / WAN support ²	N	N	Y

¹ Coherence Multitenancy works only in conjunction with Oracle WebLogic Server Multitenant. See [Oracle WebLogic Server Multitenant](#) for additional licensing details.

² Grid Edition is required for Federated Caching, WAN and other deployments that implement cluster-to-cluster interconnects, including any deployment where responsibility for data and/or processing spans more than one data center and activities are coordinated between those data centers using any form of Coherence-provided messaging or connectivity, such as deployments that feature two or more TCMP clusters interconnected by Coherence*Extend.

2.8.3 Oracle WebLogic Coherence Grid Edition Option

A license to Oracle WebLogic Coherence Grid Edition Option includes a license to use the following features in OC-GE: Elastic Data, GoldenGate HotCache, Unlimited Real-Time Compute Clients, Multitenancy, and Federated Caching. For more information on

the applicability of this option to Oracle WebLogic Server editions, see [Oracle WebLogic Suite Options](#).

Prerequisite: A license to Oracle WebLogic Suite is a prerequisite to license and use Oracle WebLogic Coherence Grid Edition Option.

A license to Oracle WebLogic Coherence Grid Edition Option is included in [Oracle WebLogic Server Multitenant](#) and [Oracle WebLogic Server Continuous Availability](#).

2.8.4 Restricted Use Licenses

A license to OC-SEO, OC-EE or OC-GE includes a restricted-use license to Java SE. Use of Java SE is restricted to running applications hosted on components within OC-SEO, OC-EE or OC-GE.

A license to OC-EE or OC-GE includes a restricted-use license to Oracle TopLink and Oracle Application Development Framework. Use of Oracle TopLink and Oracle Application Development Framework is restricted to the TopLink component within OC-EE and OC-GE.

2.8.5 Oracle Coherence Optimizations for Exalogic Elastic Cloud Software

Exalogic Elastic Cloud Software includes the following optimizations for use with Oracle Coherence:

- For Coherence cluster optimized point-to-point communications on Exalogic the use of the reliable transport options `imb` and `sdmb`.
- For Coherence*Web caching performance optimizations on Exalogic use `Coherence*Web OptimizeModifiedSessions` as described in Oracle Coherence User's Guide for Oracle Coherence*Web.

2.8.6 Oracle Management Pack for Oracle Coherence

Oracle Management Pack for Oracle Coherence provides monitoring and management capabilities for Oracle Coherence.

For complete license details about Management Pack for Oracle Coherence, see "Oracle Middleware Enterprise Management" in Oracle Enterprise Manager Licensing Information. This document is available from the Oracle Enterprise Manager Documentation page at <http://www.oracle.com/technetwork/oem/grid-control/documentation/index.html>

2.8.7 Third-Party Products and Details for Oracle Coherence Products

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Coherence, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Coherence with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Coherence are identified in the following table, 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 following release versions are associated with the third-party products in Oracle JDeveloper:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

The following Oracle Coherence products are included:

- Oracle WebLogic Coherence Standard Edition One
- Oracle WebLogic Coherence Enterprise Edition
- Oracle WebLogic Coherence Grid Edition
- Oracle WebLogic Coherence Grid Edition Option

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Coherence.

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Provider	Component(s)	Release Versions	Licensing Information
Apple Inc.	Xcode 6.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Xcode
Apache	Log4j 2.3 (update to 2.1 LT 21560)	12.2.1.2.0 12.2.1.3.0	Apache log4j Copyright © 2010 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Log4j 2	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	Maven 3.0.4, 3.0.5, 3.2.5	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	MVFlex Expression Language (MVEL) 2.07	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
Creative Commons Legal Code	SBAdmin 2 1.0.7	12.2.1.2.0	<p>License details</p> <p>SB (Start Bootstrap) Admin 2</p> <p>Creative Commons Legal Code</p> <p>Attribution 3.0 Unported</p> <p>All rights reserved.</p> <p>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.</p> <p>License</p> <p>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.</p> <p>BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.</p> <p>1. Definitions</p> <p>a. "Adaptation" means a work based upon the Work, or upon the Work and other pre-existing works, such as a translation, adaptation, derivative work, arrangement of music or other alterations of a literary or artistic work, or phonogram or performance and includes cinematographic adaptations or any other form in which the Work may be recast, transformed, or adapted including in any form recognizably derived from the original, except that a work that constitutes a Collection will not be considered an Adaptation for the purpose of this License.</p>

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			<p>a choreographic work or entertainment in dumb show; a musical composition with or without words; a cinematographic work to which are assimilated works expressed by a process analogous to cinematography; a work of drawing, painting, architecture, sculpture, engraving or lithography; a photographic work to which are assimilated works expressed by a process analogous to photography; a work of applied art; an illustration, map, plan, sketch or three-dimensional work relative to geography, topography, architecture or science; a performance; a broadcast; a phonogram; a compilation of data to the extent it is protected as a copyrightable work; or a work performed by a variety or circus performer to the extent it is not otherwise considered a literary or artistic work.</p> <p>g. "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.</p> <p>h. "Publicly Perform" means to perform public recitations of the Work and to communicate to the public those public recitations, by any means or process, including by wire or wireless means or public digital performances; to make available to the public Works in such a way that members of the public may access these Works from a place and at a place individually chosen by them; to perform the Work to the public by any means or process and the communication to the public of the performances of the Work, including by public digital performance; to broadcast and rebroadcast the Work by any means including signs, sounds or images.</p> <p>i. "Reproduce" means to make copies of the Work by any means including without limitation by sound or visual recordings and the right of fixation and reproducing fixations of the Work, including storage of a protected performance or phonogram in digital form or other electronic medium.</p> <p>2. Fair Dealing Rights. Nothing in this License is intended to reduce, limit, or restrict any uses free from copyright or rights arising from limitations or exceptions that are provided for</p>

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perl.org	Perl5 5.005_03, 5.6.1, 5.8.3, 5.8.4, 5.8.5, 5.8.8, 5.8.9, 5.10.0, 5.10.1	12.2.1.2.0 12.2.1.3.0	<p>Perl 5</p> <p>Artistic License, from http://www.perl.org/about.html.</p> <p>Perl is Open Source software, licensed under its Artistic License or the GNU General Public License (GPL).</p> <p>From the license link: The "Artistic License" Preamble:</p> <p>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.</p> <p>Definitions:</p> <p>"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.</p> <p>"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.</p> <p>"Copyright Holder" is whoever is named in the copyright or copyrights for the package.</p> <p>"You" is you, if you're thinking about copying or distributing this Package.</p> <p>"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.)</p> <p>"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item.</p> <p>It also means that recipients of the item may redistribute it under the same conditions they received it.</p> <ol style="list-style-type: none"> 1. 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.

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2.9 Oracle BPEL Process Manager

Oracle BPEL Process Manager is a tool for integrating applications that is supported only on IBM WebSphere software.

Prerequisite: Oracle BPEL Process Manager requires a separately licensed database. A license for Oracle BPEL Process Manager includes the following Oracle SOA Suite for Non-Oracle Middleware components:

- Oracle BPEL Process Manager
- Human Workflow
- Event Delivery Network
- Technology Adapters

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Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
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GitHub	JUG (Java Uuid Generator) 3.1.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Font Awesome License .
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Objenesis Team and all contributors	Objenesis 1.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
OpenSymphony	Quartz Enterprise Job Scheduler (quartz-all-1.6.6.jar)	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
SourceForge	MockRunner	12.2.1.2.0	License: Mockrunner 0.4.2
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2.10 Oracle WebLogic Integration

Oracle WebLogic Integration is separately licensed as a standalone product.

Prerequisite: Oracle WebLogic Server Enterprise Edition.

This section contains the following topics:

2.11 Oracle SOA Suite for Non-Oracle Middleware

Oracle SOA Suite for Non-Oracle Middleware is an application integration platform that is supported only on IBM WebSphere software.

The Oracle SOA Suite for Non-Oracle Middleware includes:

- Oracle BPEL Process Manager
- Mediator
- Oracle Business Activity Monitoring
- Oracle Web Services Manager
- Oracle Business Rules

- Human Workflow
- Oracle Event Processing
- Oracle JDeveloper and Oracle Application Development Framework
- Technology Adapters
- B2B (B2B engine only. B2B adapters are available separately.)
- Oracle Entitlements Server Basic (see Appendix C “Oracle Entitlements Server Basic”)

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Apache	Commons BeanUtils 1.6, 1.7, 1.8	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	XML Beans Developer Kit (xbean.jar) 2.3.0, 2.2.0 and 2.1.0	12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Log4J 1.2.14	12.2.1.2.0 12.2.1.3.0	<p>Apache log4j</p> <p>Copyright © 2007 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	swagger-parser 1.0.18	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	swagger-core 1.5.8	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
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EasyMock	EasyMock 3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Apache	HttpComponents HttpClient 4.5.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 4.1.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Lang 2.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Open Source	Twitter Bootstrap 3.0.3	12.2.1.2.0 12.2.1.3.0	<p>Designed and built with all the love in the world @twitter by @mdo and @fat.</p> <p>For a copy of the license, see Apache License Version 2</p>
Open Source	Foxtrot 2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Foxtrot License.</p>
PowerMock	Powermock-easymock-1.4.12-full.jar 1.4.12	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2</p>

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Rogério Liesenfeld	Jmockit 0.999	12.2.1.2.0 12.2.1.3.0	<p>The JMockit Testing Toolkit</p> <p>Copyright (c) 2006-2012 Rogério Liesenfeld All rights reserved.</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>For a copy of the license, see JMockit 0.999 License</p>

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Quality Open Software	Simple Logging Facade for Java (SLF4J) 1.6.6	12.2.1.2.0 12.2.1.3.0	<p>SLF4J source code and binaries are distributed under the MIT license.</p> <p>Copyright (c) 2004-2011 QOS.ch 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>
Sandia National Lab	JESS Rules Engine JESS 7.1	12.2.1.2.0	<p>JESS/Jess is available at no cost for academic use and can be licensed for commercial use.</p>

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Steven Sanderson	Knockout.js 3.2.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Knockout.js License .
The Apache Software Foundation	WoodStox wstx asl 3.2.9	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
The Apache Software Foundation	commons-el.jar 1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Apache Commons Logging 1.0.4, 1.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2003–2007 The Apache Software Foundation. For a copy of the license, see Apache License Version 2
The Apache Software Foundation	commons-logging.jar 1.0.3, 1.0.4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Xalan 2.7.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
The Apache Software Foundation	xml-apis.jar 1.3.04	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see xmlapisjar License
The Apache Software Foundation	Chemistry OpenCMIS 0.7.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Chemistry OpenCMIS 0.6.0, 0.7.0, 0.8.0	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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The Dojo Foundation	RequireJS 2.1.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see RequireJS 2.1.11 License
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Oracle Managed File Transfer provides centralized file transfer infrastructure tightly integrated with Oracle WebLogic Server, Oracle Enterprise Manager, Oracle SOA Suite, Oracle Unified Business Process Management Suite and Oracle B2B.

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- [Third-Party Products and Details for Oracle Managed File Transfer](#)

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Apache	Apache FTP Server	12.2.1.2.0	For a copy of the license, see Apache License Version 2
Apache	FTPServer 1.0.6	12.2.1.3.0	For a copy of the license, see Apache License Version 2

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Rogério Liesenfeld	JMockit 1.24	12.2.1.2.0	<p>JMockit 1.15 is licensed under the MIT with some included fourth-party content licensed under other terms as explained in the associated LICENSE.TXT and NOTICE.TXT files, the contents of which are pasted below.</p> <p>LICENSE.TXT file:</p> <p>The JMockit Testing Toolkit</p> <p>Copyright (c) 2006-2015 Rogério Liesenfeld</p> <p>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>NOTICE.TXT file:</p> <p>JMockit itself uses the MIT license.</p> <p>Other libraries used, and their respective licenses, are:</p> <ol style="list-style-type: none"> Parts of ASM 5.0, with modifications: BSD license http://asm.ow2.org/license.html Parts of JUnit 4, with modifications: Eclipse Public License, v1.0 https://github.com/junit-team/junit/blob/master/LICENSE.txt <p>Parts of OpenJDK, without modifications: GNU General Public license, version 2, with the</p>

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2.14 Oracle Stream Analytics

Oracle Stream Analytics is a tool for filtering, correlating, and aggregating large quantities of events in real-time. Oracle Stream Analytics includes Oracle Event Processing and Stream Explorer.

Oracle Stream Analytics is a Java SE application, which does not require a Java EE application server to run, but does require a Java Virtual Machine. Further, Oracle Java SE Suite is recommended for extreme low latency deterministic real time application deployments, and its Mission Control tooling feature.

Prerequisite: A license to Oracle Coherence Enterprise Edition or Oracle WebLogic Suite is a prerequisite to license and use Oracle Stream Analytics.

- [Third-Party Products and Details for Oracle Stream Analytics](#)

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- 12.2.1.3.0

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Apache	ActiveMQ 5.4.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Ant 1.6.2, 1.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Beanutils 1.6, 1.7, 1.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Ant-contrib 1.0b5	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	flume-ng-sdk 1.5.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	flume-ng-core 1.5.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Apache	AVRO 1.7.7	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Apache Commons File Upload 1.2.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Apache Jakarta Commons FileUpload</p> <p>Copyright © 2002–2006 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Pig 0.8.1.cdh3u5	12.2.1.2.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Byte Code Engineering Library (BCELL) 5.1	12.2.1.2.0 12.2.1.3.0	<p>BCEL version 5.1</p> <p>Copyright © 2001 The Apache Software Foundation.</p> <p>All rights reserved. Licensed under the Apache 1.1 License Agreement.</p> <p>The names "Apache" and "Apache Software Foundation" and "Apache BCEL" must not be used to endorse or promote products derived from this software without prior written permission.</p> <p>For written permission, please contact: apache@apache.org.</p> <p>For a copy of the license, see Apache License Version 1.</p>
Apache	cglib 2.1.3	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Commons IO 1.4	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Commons Codec 1.2, 1.3	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Commons CSV 1	11.1.1.9.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Commons CSV 0.1, 1	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>

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Apache	HBase 0.94	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HTTP Client 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	kafka 0.8.2.1	12.2.1.2.0 12.2.1.3.0	<p>Apache Kafka</p> <p>Copyright © 2012 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>For a copy of the license, see kafka client License.</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Log4j 1.1.1, 1.2.17	12.2.1.2.0 12.2.1.3.0	<p>Apache log4j</p> <p>Copyright © 2007 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Mx4j 3.0.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	zkclient 0.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Zookeeper 3.4.6	12.2.1.2.0 12.2.1.3.0	<p>Apache ZooKeeper</p> <p>Copyright © 2009 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Apache Pig 0.8.1.cd3u5	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
aQute	bndlib-1.50.0.jar 1.50.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Caucho	Hessian Binary Web Service Protocol 3.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 1 .
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2.15 Oracle Edge Analytics

Oracle Edge Analytics provides high-speed real-time data capture and analysis optimized for embedded Java enabled devices and gateways.

This section contains the following topics:

- [Third-Party Products and Details for Oracle Edge Analytics](#)

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Apache	Commons CSV 0.1, 1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Felix 4.x,	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HBase 0.94	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HTTP Client 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Apache	Mx4j 3.0.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	zkclient 0.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Eclipse	Joda Time 2.9.1	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .

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JA-SIG	sass-maven-plugin 1.1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
JUnit	JUnit 3.8.2.	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0 .
OOPS Consultancy Ltd.	xmltask 1.1.6	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see xmltask License .

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SLF4J	sf4j 1.4.3	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2004–2008 QOS.ch</p> <p>All rights reserved.</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 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>

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2.16 Oracle Mobile Suite

Oracle Mobile Suite includes tools for building mobile applications.

The Oracle Mobile Suite includes the following products or components:

- Oracle Service Bus
- Technology Adapters (see [Table 5-1](#))
- One of the following adapters must be chosen when the Oracle Mobile Suite license is purchased (the chosen adapter may not be exchanged):
 - Oracle E-Business Suite Adapter
 - Oracle Integration Adapter for SAP R/3
 - Oracle Integration Adapter for JD Edwards World
 - Oracle Cloud Adapter for Oracle RightNow Cloud Service

Prerequisite: A license for Oracle WebLogic Suite is a prerequisite to using Oracle Mobile Suite. Oracle Mobile Suite and Oracle Mobile Suite Client RunTime must be licensed together.

Restricted use: Oracle Service Bus, Oracle Fusion Middleware Adapters (see [Table 5-1](#)) and the four adapters listed above are installed as part of the Oracle Mobile

Suite installation. You are restricted to use only Oracle Service Bus, Technology Adapters, and the chosen adapter from the list above.

Restricted use: A license for Oracle Service Bus includes a restricted use license for Oracle Web Services Manager. Use of Oracle Web Services Manager is restricted to policy enforcement in Oracle Service Bus. Authoring and management tooling is limited to capabilities delivered with Oracle Service Bus console screens. New policies may be authored with command line and scripting tools only. Any other use of Oracle Web Services Manager requires a full use license for Oracle SOA Suite for Oracle Middleware.

This section contains the following topics:

- [Oracle Mobile Suite Client RunTime](#)
- [Oracle Service Bus](#)

2.16.1 Oracle Mobile Suite Client RunTime

A license for Oracle Mobile Suite Client RunTime includes a license for Oracle Mobile Application Framework.

Oracle Mobile Suite and Oracle Mobile Suite Client RunTime must be licensed together.

2.16.2 Oracle Service Bus

Oracle Service Bus is a lightweight SOA integration platform, or "enterprise service bus." Oracle Service Bus includes Oracle SOA Suite Adapters (see [Oracle Fusion Middleware Adapters](#)).

Oracle Service Bus is licensed as an option to Oracle WebLogic Suite and is also included in Oracle SOA Suite for Oracle Middleware and Oracle Mobile Suite. Users running Oracle SOA Suite for Oracle Middleware on WebLogic Server Basic may not run Oracle Service Bus (see [Oracle SOA Suite for Oracle Middleware and Oracle BPEL Process Manager Option Licensing with Oracle Internet Application Server](#)).

Prerequisite: A license to Oracle WebLogic Suite is a prerequisite to license and use Oracle Service Bus.

Prerequisite: A license to Oracle Database (Standard Edition 2 or Enterprise Edition) is a prerequisite to license and use the following Oracle Service Bus features: Reporting provider, Re-sequencer, Xrefs and Enterprise Scheduler.

Restricted use: Oracle Service Bus includes the Enterprise Scheduler feature. Use of the Enterprise Scheduler feature is limited to scheduling Oracle Service Bus internal jobs and proxy services.

Restricted Use: A license to Oracle Service Bus includes a restricted use license for Oracle Web Services Manager. Use of Oracle Web Services Manager is restricted to policy enforcement in Oracle Service Bus. Authoring and management tooling is limited to capabilities delivered with Oracle Service Bus console screens. New policies may be authored with command line and scripting tools only. Any other use of Oracle Web Services Manager requires a full use license to Oracle SOA Suite for Oracle Middleware.

- [Third-Party Products and Details for Oracle Service Bus](#)

2.16.2.1 Third-Party Products and Details for Oracle Service Bus

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Service Bus, in the following sub-sections.

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Required notices for open source or other separately licensed software products or components distributed in Oracle Service Bus are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Service Bus:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Service Bus.

Table 2-35 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

Provider	Component(s)	Release Versions	Licensing Information
Apache	Ant 1.7, 1.6.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Xerces 1.1, C++, 1.6, 2.4, 2.5, 2.6, 2.7, 2.7.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Axis Java, 1.2.1, 2.1.1, 1.4, 1.4.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	XML Beans Developer Kit (xbean.jar) 2.3.0, 2.2.0 and 2.1.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Pool 1.5.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 2-35 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

Provider	Component(s)	Release Versions	Licensing Information
Apache	commons-pool 1.5.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	JMeter 2.3.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	soap 2.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	beehive-netui-core-1.0.2.jar 1.0.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	concurrentlink edhashmap 1.1, 1.4.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Indiana University	XPP2 1.1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see XPP2/XPP3 License .
java.net (Oracle)	taglibrarydoc 1.2	12.2.1.2.0 12.2.1.3.0	Licensing information for Java SE products is available at the following location: http://www.oracle.com/technetwork/java/javase/documentation/index.html . For a copy of the license, see Apache License Version 2
JDOM	JDOM 0.9, 1.0, 1.0beta10	12.2.1.2.0 12.2.1.3.0	Copyright © 2001 Jason Hunter & Brett McLaughlin All rights reserved. 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.

Table 2-35 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

Provider	Component(s)	Release Versions	Licensing Information
JFCUnit	JFCUnit 2.08	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see GNU LGPL (LESSER GENERAL PUBLIC LICENSE) v.3.0
JetBrains	IntelliJ IDEA 10.5, 11	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
JSON.org	JSON 20140107	12.2.1.2.0 12.2.1.3.0	Copyright © 2002 JSON.org (http://www.json.org/license.html) 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 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.
JUnit	JUnit 3.8, 3.8.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Common Public License (CPL) Version 1.0
Jython	Jython 2.1, 2.2, 2.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Jython License .

Table 2-35 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

Provider	Component(s)	Release Versions	Licensing Information
Krysalis.org	JCharts 0.7.5	12.2.1.2.0 12.2.1.3.0	Copyright © 2002 Nathaniel G. Auvil All Rights Reserved. THIS SOFTWARE IS PROVIDED BY Nathaniel G. Auvil 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 jCharts 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.
Michael H. Kay	Saxon 6.5.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Saxon License .
Mozilla	Rhino Engine 1.5R4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Mozilla Public License Version 1 .
Russel Gold	HTTPUnit 1.6.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see HTTPUnit 162 License .
SSH tools	Maverick J2SSH 1.4.x	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Maverick J2SSH License .

Table 2-35 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

Provider	Component(s)	Release Versions	Licensing Information
Sun (now Oracle)	JavaBeans™ Activation Framework Specification (activation.jar) 1.0.2	12.2.1.2.0 12.2.1.3.0	Copyright © 1994–2008 Sun Microsystems, Inc. All Rights Reserved. This software is provided “AS IS”, without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. (“SUN”) AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
The Apache Software Foundation	XML Beans Developer Kit (xbean.jar) 2.1.0, 2.2.0, 2.3.0	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	XML Security 1.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 2-35 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

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The Werken Company	Jaxen 1.1, 1.1.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2003–2006 The Werken Company All Rights Reserved. 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.
W3C	SOAP 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see SOAP License .
W3C	XML Signature Syntax	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see XML Signature Syntax License .
World Wide Web Consortium	JTidy 7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JTidy 7 License .

2.17 Oracle Forms and Reports (OFR)

Oracle Forms and Reports (OFR) includes the following integrated runtime components:

- Oracle Forms Services
- Oracle Reports Services
- Oracle Enterprise Manager Fusion Middleware Control
- Forms and Reports Compilers and Converters
- Forms WebUtil add-on

Designtime components are included in the OFR installer. However, a license to OFR does not include a license to the Designtime components.

- [Restricted-Use Licenses](#)
- [Third-Party Products and Details for Oracle Forms and Reports](#)

2.17.1 Restricted-Use Licenses

- A license to OFR includes a restricted-use license to Oracle Single Sign-On. Use of Oracle Single Sign-On is restricted to providing authentication services to users accessing OFR.
- A license to OFR includes a restricted-use license to Oracle Access Manager Basic. Use of Oracle Access Manager Basic is restricted to providing authentication services to users accessing OFR.
- A license to OFR includes a restricted-use license to Oracle Internet Directory. Use of Oracle Internet Directory is restricted to provisioning, storing, and managing OFR users and groups and their associated security credentials and privileges, to synchronize data with third party directory services, and to store other metadata specific to OFR.
- A license to OFR includes a restricted-use license to Oracle Web Tier. Oracle Web Tier includes Oracle HTTP Server. Use of Oracle Web Tier is restricted using Oracle HTTP Server is for running OFR applications only.
- A license to OFR includes a restricted-use license to Oracle WebLogic Server Basic or Oracle Containers for J2EE (OC4J). Use of Oracle WebLogic Server Basic or Oracle Containers for J2EE (OC4J) is restricted to running OFR applications only. For additional details on Oracle WebLogic Server Basic, see [WebLogic Server Basic](#).
- A license to OFR includes a restricted-use license to Oracle Business Intelligence Publisher. Use of Oracle Business Intelligence Publisher is restricted to use for production deployment purposes only. For use of Oracle Business Intelligence Publisher with application development and testing, a full use Oracle Business Intelligence Publisher, Oracle Business Intelligence EE, or Internet Developer Suite license is required

2.17.2 Third-Party Products and Details for Oracle Forms and Reports

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Forms and Reports, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Forms and Reports with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Forms and Reports are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Forms and Reports:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Forms and Reports.

Table 2-36 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Forms and Reports

Provider	Component(s)	Release Versions	Licensing Information
Dan Adler	Jacob	12.2.1.2.0	Oracle must include all proprietary notices on any copies of Jacob. Oracle may not include any links to Jacob code in Oracle documentation.

2.18 Oracle Internet Developer Suite (iDS)

Oracle Internet Developer Suite (iDS) provides the tools necessary to develop, test, and maintain Forms, Reports, and BI-Publisher applications.

The Oracle iDS includes the following products or components:

- Oracle Forms Developer
 - Forms Builder
 - Forms Compiler
 - Forms Java Development API (JDAPI)
 - Forms C API
 - Forms XML Converter
 - WebUtil add-on
- Oracle Reports Developer
 - Oracle Reports Builder
 - Oracle Reports Converter
 - Oracle Reports Client
 - Oracle Reports Runtime
- SQL*Plus
- Oracle Designer
- [Restricted-Use Licenses](#)

2.18.1 Restricted-Use Licenses

- A license to iDS includes a restricted-use license to Oracle iAS Enterprise Edition. Use of Oracle iAS Enterprise Edition is restricted to testing and debugging applications developed with iDS.
- A license to iDS includes a restricted-use license to Oracle Database Enterprise Edition. Use of Oracle Database Enterprise Edition is restricted to installing, testing, and debugging applications developed with iDS.
- A license to iDS includes a restricted-use license to Oracle Business Intelligence Publisher. Use of Oracle Business Intelligence Publisher is restricted to use for development and testing purposes only.
- A license to iDS includes a restricted-use license to Oracle WebLogic Server Basic or Oracle Containers for J2EE (OC4J). Use of Oracle WebLogic Server Basic or Oracle Containers for J2EE (OC4J) are restricted to running, testing, and debugging applications developed with iDS.

2.19 Oracle WebLogic Server Management Pack Enterprise Edition

Oracle WebLogic Server Management Pack Enterprise Edition can be licensed for Internet Application Server Enterprise Edition, any edition of Oracle WebLogic Server, or Oracle GlassFish Server.

This pack offers a complete, cost-effective, and easy-to-use solution for managing Oracle WebLogic Server, Oracle Application Server, and Oracle GlassFish Server. At a high level, this pack provides capabilities for application performance management, administration, business transaction management, configuration management, service level management, provisioning, and patch automation that span many of these Fusion Middleware components.

For complete license details about Oracle WebLogic Server Management Pack Enterprise Edition, see "Oracle Middleware Enterprise Management" in Oracle Enterprise Manager Licensing Information. This document is available from the Oracle Enterprise Manager Documentation page at: <http://www.oracle.com/technetwork/oem/grid-control/documentation/index.html>.

This section contains the following topics:

3

Oracle Fusion Middleware Options

This chapter describes the licensing information for Fusion Middleware Options.

This chapter contains the following sections:

- [Oracle WebLogic Suite Options](#)
- [Oracle WebLogic Server Enterprise Edition and WebLogic Suite Options](#)
- [Oracle SOA Suite for Oracle Middleware Options](#)
- [Application Server Enterprise Management](#)
- [Third-Party Products and Details for Oracle Fusion Middleware](#)

3.1 Oracle WebLogic Suite Options

If licensing by Named User Plus, the number of licenses to Oracle WebLogic Suite Options must match the number of licenses to the associated Oracle WebLogic Suite application server. In the case where the minimum number of Named User Plus licenses are/were purchased, the number of licenses may not match due to variance in core factors between the times the respective programs were licensed. If licensing by Processor, the number of licenses to Oracle WebLogic Suite Options must match the number of licenses to the associated Oracle WebLogic Suite application server. In the case where the programs are licensed at different times, the number of licenses may not match due to variance in core factors between the times the respective programs were licensed, in that case the number of cores used to determine the number of licensed processors of Oracle WebLogic Suite Options must match the number of cores used to determine the number of licensed processors of Oracle WebLogic Suite application server. Associated Application Server is defined as the application server(s) which is (are) being managed by the option.

- [Oracle BPEL Process Manager Option](#)
- [Oracle Service Bus](#)
- [Oracle SOA Suite for Oracle Middleware](#)
- [Oracle Unified Business Process Management Suite](#)
- [Oracle SOA Suite for Oracle Middleware and Oracle BPEL Process Manager Option Licensing with Oracle Internet Application Server](#)
- [Oracle WebLogic Coherence Grid Edition Option](#)

3.1.1 Oracle BPEL Process Manager Option

Oracle BPEL Process Manager Option is a tool for integrating applications.

A license for Oracle BPEL Process Manager Option includes the following Oracle SOA Suite for Oracle Middleware components:

- Oracle BPEL Process Manager

- Human Workflow
- Event Delivery Network
- Technology Adapters*
- B2B*
- Mediator*

*These components are included in Oracle BPEL Process Manager Option via the inclusion of Oracle Internet Application Server Enterprise Edition in Oracle WebLogic Suite. The Mediator is derived from Oracle Enterprise Service Bus (OESB), which was introduced in Oracle Fusion Middleware 10g Release 3 and was Oracle's primary Enterprise Service Bus on Oracle Containers for Java EE as well as on third-party Java EE platforms such as WebSphere. Users of Oracle SOA Suite 10g can migrate functionality from OESB to the Mediator component. Oracle Service Bus has become the Fusion Middleware strategic inter-application service bus going forward.

Restricted use: Any use of Oracle SOA Suite for Oracle Middleware components not listed above requires a full use license for Oracle SOA Suite for Oracle Middleware.

Prerequisite: A license for Oracle WebLogic Suite is a prerequisite to license Oracle BPEL Process Manager Option.

Prerequisite: A license for Oracle BPEL Process Manager Option requires a separate license for Oracle database. For details, see [Full Use License of Oracle Database Standard Edition 2](#).

Restricted use: A license for Oracle BPEL Process Manager Option includes a restricted-use license for Enterprise Scheduler. Use of the Enterprise Scheduler feature of Oracle BPEL Process Manager Option is limited to scheduling Oracle BPEL Process Manager Option internal jobs and composite services.

Restricted use: A license for Oracle BPEL Process Manager Option includes a restricted-use license for Oracle Coherence Enterprise. Use of Oracle Coherence Enterprise is limited to clustering, portable object format, local caching, and support for internal Service Oriented Architecture (SOA) usage.

Restricted use: A license for Oracle BPEL Process Manager Option release 11g includes UDDI client libraries from the HP SOA Systinet Registry. Use of UDDI client libraries is restricted to connecting to and communicating with the Oracle Service Registry.

- [Third-Party Products and Details for Oracle BPEL Process Manager](#)

3.1.1.1 Third-Party Products and Details for Oracle BPEL Process Manager

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle BPEL Process Manager in the following sub-sections.

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The following release versions are associated with the third-party products in Oracle BPEL Process Manager:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

The following table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle BPEL Process Manager.

Table 3-1 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle BPEL Process Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Commons File Upload 1.2.1	11.1.1.9.0	Apache Jakarta Commons FileUpload Copyright © 2002–2006 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons File Upload 1.2, 1.2.1	12.2.1.2.0 12.2.1.3.0	Apache Jakarta Commons FileUpload Copyright © 2002–2006 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Logging 1.0.4, 1.1	11.1.1.9.0	Copyright © 2003–2007 The Apache Software Foundation. For a copy of the license, see Apache License Version 2 .
Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Collections 3.2	11.1.1.9.0	Copyright 2001-2015 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
GitHub	JUG (Java Uuid Generator) 3.1.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Font Awesome License .

Table 3-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle BPEL Process Manager

Provider	Component(s)	Release Versions	Licensing Information
JSON.org	JSON 1.5	11.1.1.9.0	Copyright © 2002 JSON.org (http://www.json.org/license.html) 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 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.
		12.2.1.2.0	
		12.2.1.3.0	
JSON.org	Json	12.2.1.2.0	Copyright © 2002 JSON.org (http://www.json.org/license.html) 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 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.
		12.2.1.3.0	
Objenesis Team and all contributors	Objenesis 1.2	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
		12.2.1.3.0	
OpenSymphony	Quartz Enterprise Job Scheduler (quartz-all-1.6.6.jar)	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
SourceForge	MockRunner	12.2.1.2.0	License: Mockrunner 0.4.2
	MockRunner 0.3.8	12.2.1.3.0	Mockrunner License, Version 1.1 based on Apache Software License, Version 1.1 Copyright (c) 2003-2013 Alwin Ibba. All rights reserved. For a copy of the license, see Mockrunner 0.4.2 .

Table 3-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle BPEL Process Manager

Provider	Component(s)	Release Versions	Licensing Information
The Werken Company	jaxen 1.1, 1.1.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2003–2006 The Werken Company All Rights Reserved. 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.

3.1.2 Oracle Service Bus

Oracle Service Bus is a lightweight SOA integration platform, or "enterprise service bus." Oracle Service Bus includes Oracle SOA Suite Adapters (see [Oracle Fusion Middleware Adapters](#)).

Oracle Service Bus is licensed as an option to Oracle WebLogic Suite and is also included in Oracle SOA Suite for Oracle Middleware and Oracle Mobile Suite. Users running Oracle SOA Suite for Oracle Middleware on WebLogic Server Basic may not run Oracle Service Bus (see [Oracle SOA Suite for Oracle Middleware and Oracle BPEL Process Manager Option Licensing with Oracle Internet Application Server](#)).

Prerequisite: A license to Oracle WebLogic Suite is a prerequisite to license and use Oracle Service Bus.

Prerequisite: A license to Oracle Database (Standard Edition 2 or Enterprise Edition) is a prerequisite to license and use the following Oracle Service Bus features: Reporting provider, Re-sequencer, Xrefs and Enterprise Scheduler.

Restricted use: Oracle Service Bus includes the Enterprise Scheduler feature. Use of the Enterprise Scheduler feature is limited to scheduling Oracle Service Bus internal jobs and proxy services.

Restricted Use: A license to Oracle Service Bus includes a restricted use license for Oracle Web Services Manager. Use of Oracle Web Services Manager is restricted to policy enforcement in Oracle Service Bus. Authoring and management tooling is limited to capabilities delivered with Oracle Service Bus console screens. New policies may be authored with command line and scripting tools only. Any other use of Oracle Web Services Manager requires a full use license to Oracle SOA Suite for Oracle Middleware.

- [Third-Party Products and Details for Oracle Service Bus](#)

3.1.2.1 Third-Party Products and Details for Oracle Service Bus

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- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Table 3-2 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

Provider	Component(s)	Release Versions	Licensing Information
Apache	Ant 1.7, 1.6.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Xerces 1.1, C++ 1.6, 2.4, 2.5, 2.6, 2.7, 2.7.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Axis Java, 1.2.1, 2.1.1, 1.4, 1.4.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 3-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Service Bus

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Apache	XML Beans Developer Kit (xbean.jar)2.3.0, 2.2.0 and 2.1.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Pool 1.5.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-pool 1.5.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	JMeter 2.3.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	soap 2.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	beehive-netui-core-1.0.2.jar 1.0.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	concurrentlinkedhashmap 1.1, 1.4.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Indiana University	XPP2 1.1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see XPP2/XPP3 License .
java.net (Oracle)	taglibrarydoc 1.2	12.2.1.2.0 12.2.1.3.0	Licensing information for Java SE products is available at the following location: http://www.oracle.com/technetwork/java/javase/documentation/index.html . For a copy of the license, see Apache License Version 2

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JFCUnit	JFCUnit 2.08	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see GNU LGPL (LESSER GENERAL PUBLIC LICENSE) v.3.0
JetBrains	IntelliJ IDEA 10.5, 11	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2.
JSON.org	JSON 20140107	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2002 JSON.org (http://www.json.org/license.html)</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 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>

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Jython	Jython 2.1, 2.2, 2.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Jython License .
Krysalis.org	JCharts 0.7.5	12.2.1.2.0 12.2.1.3.0	Copyright © 2002 Nathaniel G. Auvil All Rights Reserved. THIS SOFTWARE IS PROVIDED BY Nathaniel G. Auvil 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 jCharts 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.
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Mozilla	Rhino Engine 1.5R4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Mozilla Public License Version 1 .
Russel Gold	HTTPUnit 1.6.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see HTTPUnit 162 License .
SSH tools	Maverick J2SSH 1.4.x	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Maverick J2SSH License .

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Sun (now Oracle)	JavaBeans™ Activation Framework Specification (activation.jar) 1.0.2	12.2.1.2.0 12.2.1.3.0	Copyright © 1994–2008 Sun Microsystems, Inc. All Rights Reserved. This software is provided “AS IS”, without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. (“SUN”) AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
The Apache Software Foundation	XML Beans Developer Kit (xbean.jar) 2.1.0, 2.2.0, 2.3.0	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	XML Security 1.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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W3C	SOAP 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see SOAP License .
W3C	XML Signature Syntax	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see XML Signature Syntax License .
World Wide Web Consortium	JTidy 7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JTidy 7 License .

3.1.3 Oracle SOA Suite for Oracle Middleware

Oracle SOA Suite for Oracle Middleware is an application integration platform.

Oracle SOA Suite for Oracle Middleware is licensed as an option to Oracle WebLogic Suite and includes:

- Oracle BPEL Process Manager
- Oracle Service Bus
- Mediator

The Mediator is derived from Oracle Enterprise Service Bus (OESB), which was introduced in Oracle Fusion Middleware 10g Release 3 and was Oracle's primary Enterprise Service Bus on Oracle Containers for Java EE as well as on third-party

Java EE platforms such as WebSphere. Users of Oracle SOA Suite 10g can migrate functionality from OESB to the Mediator component. Oracle Service Bus has become the Fusion Middleware strategic inter-application service bus going forward.

- Oracle Web Services Manager
- Oracle Business Rules
- Oracle Human Workflow
- Oracle Event Processing
- Oracle JDeveloper and Oracle Application Development Framework
- Enterprise Scheduler
- Oracle Business Activity Monitoring
- Oracle SOA Core Extension
- Oracle SOA Suite Adapters (see [Oracle Fusion Middleware Adapters](#))
- Oracle Entitlements Server Basic (see [Oracle Entitlements Server Basic](#))
- Technology Adapters*
- B2B*

*These components are included in Oracle SOA Suite for Oracle Middleware via the inclusion of Oracle Internet Application Server Enterprise Edition in Oracle WebLogic Suite.

Users running Oracle SOA Suite for Oracle Middleware on WebLogic Server Basic, [Oracle SOA Suite for Oracle Middleware and Oracle BPEL Process Manager Option Licensing with Oracle Internet Application Server](#) are licensed to run all components of SOA Suite for Oracle Middleware except Oracle Service Bus and Oracle Event Processing.

Prerequisite: A license to Oracle WebLogic Suite is a prerequisite to license and use Oracle SOA Suite for Oracle Middleware.

Prerequisite: A license to Oracle database is a prerequisite to license and use Oracle SOA Suite for Oracle Middleware. For details, see [Oracle Database License Requirements: Oracle Internet Application Server \(Standard Edition, Enterprise Edition\) and WebLogic Suite](#).

Restricted use: Oracle Business Activity Monitoring includes a restricted-use license to Oracle Data Integrator Enterprise Edition. Use of Oracle Data Integrator Enterprise Edition is restricted to scenarios where Oracle Business Activity Monitoring is the source of and/or destination for the transformed data.

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- [Third-Party Products and Details for Oracle Business Activity Monitoring](#)
- [Third-Party Products and Details for Oracle JDeveloper](#)

- [Third-Party Products and Details for Oracle Business Process Management](#)

3.1.3.1 Third-Party Products and Details for Oracle Business Activity Monitoring

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- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Apache	ActiveMQ 5.6.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Ant 1.7, 1.6.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Xalan 2.0, 2.2, 2.3, 2.7	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.2, 1.3	11.1.1.9.0	Apache Commons Codec Copyright © 2002–2009 The Apache Software Foundation Copyright © 2002 Kevin Atkinson (kevina@gnu.org). Verbatim copying and distribution of this entire article is permitted in any medium, provided this notice is preserved. For a copy of the license, see Apache License Version 2

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Apache	Commons CSV 1.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Maven 3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Berkeley YACC	BYACC/J 1.8	12.2.1.2.0 12.2.1.3.0	Based on the site (http://byaccj.sourceforge.net/) "It is absolutely free; no license, no royalties, free!"
CERN - European Organization for Nuclear Research	Colt 1.2	12.2.1.2.0 12.2.1.3.0	Copyright © 1999 CERN - European Organization for Nuclear Research Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation. CERN makes no representations about the suitability of this software for any purpose. It is provided "as is" without expressed or implied warranty.
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Joe Walnes	Xstream 1.3	12.2.1.2.0 12.2.1.3.0	<p>URL Note - The URL specified below and the "Y" checkbox designation relate to the component coming through Micros acquisition. Note – The below information is related to Micros acquisition.</p> <p>URL for Copyright Notice – Unable to find URL for Copyright Notice.</p> <p>URL for License - http://opensource.org/licenses/BSD-3-Clause</p> <p>Copyright (c) 2003-2006, Joe Walnes Copyright (c) 2006-2009, 2011 XStream Committers. 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"> 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. Neither the name of XStream nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. <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 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</p>

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			SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
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The Apache Software Foundation	Apache Commons Logging 1.0.4, 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
World Wide Web Consortium	JTidy 7	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JTidy 7 License .

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Active Database Software	Active Query Builder Java Edition 1.5.3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see End User License Agreement (EULA) License
Adobe	Flex SDK 3.2, 3.4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	PPD-Adobe: "4.3". Adobe Systems PostScript® Printer Description File. Copyright © 1987–1998 Adobe Systems incorporated All rights reserved. Permission is granted for redistribution of this file as long as this copyright notice is intact and the contents of the file is not altered in any way from its original form. Oracle may not delete or in any manner alter the copyright notices, trademarks, logos or related notices, or other proprietary rights notices of Adobe (and its licensors, if any) appearing on or within the SDK Source Files and/or SDK Components, or any documentation relating to the SDK Components.

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Alexander Potochkin	JXLayer 4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2006–2009 Alexander Potochkin 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"> 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. Neither the name of the JXLayer 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>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>
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Apache	Apache Geronimo JMS 1.1 Specification 1.0, 1.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache MyFaces Trinidad 2.1.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache POI 3.7, 3.10.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache POI 3.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache POI License .
Apache	Apache XML-RPC 3.1.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache XMLBeans 2.3, 2.5	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache XMLBeans License .
Apache	Batik 1.7	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons BeanUtils 1.8.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	Maven Archetype Common 2.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Maven Indexer core 3.1.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Configuration 1.4	11.1.1.9.0	Apache Commons Configuration Copyright © 2001–2012 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.2, 1.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.2, 1.3, 1.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Apache	commons-el.jar 1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons FileUpload 1.3.1	11.1.1.9.0 12.2.1.2.0	Apache Commons FileUpload Copyright © 2002–2008 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	commons-io-1.2.jar 1.2, 1.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.2	12.2.1.3.0	Apache Commons Logging Copyright 2003-2014 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.1.1	12.2.1.3.0	Apache Commons Logging Copyright 2003-2007 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	Commons Net 1.4.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Groovy 1.6.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Groovy 2.1.6	12.2.1.2.0	Groovy Language Copyright © 2003–2012 The respective authors and developers For a copy of the license, see Apache License Version 2 .
Apache	HTTP Components Cache 4.1.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Apache	HttpComponents HttpClient 4.1.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 4.5.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 4.1.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Lang 2.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	JSP Standard Tag Library 1.1, 1.2_01	11.1.1.9.0 12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	Log4J 1.2.8, 1.2.13, 1.2.15, 1.3	12.2.1.2.0 12.2.1.3.0	Apache log4j Copyright © 2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Lucene Core 2.4.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Maven 2.0, 2.2.1	11.1.1.9.0	Apache Maven Copyright © 2001–2011 The Apache Software Foundation This product includes software (Plexus and Classworlds) developed by The Codehaus Foundation (http://www.codehaus.org/). This product includes software (Aether, Sisu, Spice, Plexus Ciper and Sec Dispatcher) developed by Sonatype Inc. (http://www.sonatype.org/). This product includes software (NekoHTML) developed by SourceForge (http://www.sourceforge.net/). This product includes software (Guice) developed by Google Code (http://code.google.com/). For a copy of the license, see Apache License Version 2 .

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Apache	Maven Indexer Core 3.1.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Regular Expression Package 1.3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Jakarta Regexp Version 1.3, Copyright © 1999–2002 The Apache Software Foundation</p> <p>All rights reserved. Licensed under the Apache 1.1 License Agreement. See Apache License Version 1.</p> <p>The names "The Jakarta Project", "Jakarta-Regexp", and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission.</p> <p>For written permission, please contact: apache@apache.org.</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: http://www.apache.org/.</p>
Apache	Smack 3.1.1, 3.1.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	soap 2.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	struts	1.1, 1.2.9	For a copy of the license, see Apache License Version 2 .
Apache	Velocity 1.4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Chet Haase, a Sun architect	TimingFramework 0.51	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see TimingFramework License .
Codehaus	Jackson 1.9.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2

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ICEsoft	Ice Browser	6.1.3 11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
ILOG	JViews Diagrammer 8.5	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
ILOG	JViews Diagrammer 8.6	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Indiana University	XPP3 1.1.2, 1.1.4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see XPP2/XPP3 License .
Infotectonica	Juliet Source Code Analysis Tool 2003a build 9	11.1.1.9.0 12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
java.net	jsf facelets (jsf-facelets-1.1.1 1.jar)	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
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Oracle	JAXB 2.2	11.1.1.9.0	<p>The main code is under the CDDL license, Version 1.0. For a copy of the license, see COMMON DEVELOPMENT AND DISTRIBUTION LICENSE Version 1.0</p> <p>Some subcomponents are under the following license:</p> <p>Copyright (c) 2001-2002, SourceForge ISO-RELAX Project (ASAMI Tomoharu, Kohsuke Kawaguchi, and MURATA Makoto)</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>
Open Source	Twitter Bootstrap 3.0.3	12.2.1.2.0 12.2.1.3.0	<p>Designed and built with all the love in the world @twitter by @mdo and @fat.</p> <p>For a copy of the license, see Apache License Version 2</p>
Open Source	Foxtrot 2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Foxtrot License.</p>
PowerMock	Powermock-easymock-1.4.12-full.jar 1.4.12	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2</p>

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Rogério Liesenfeld	Jmockit 0.999	12.2.1.2.0 12.2.1.3.0	<p>The JMockit Testing Toolkit</p> <p>Copyright (c) 2006-2012 Rogério Liesenfeld All rights reserved.</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>For a copy of the license, see JMockit 0.999 License</p>

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Provider	Component(s)	Release Versions	Licensing Information
Quality Open Software	Simple Logging Facade for Java (SLF4J) 1.6.6	12.2.1.2.0 12.2.1.3.0	<p>SLF4J source code and binaries are distributed under the MIT license.</p> <p>Copyright (c) 2004-2011 QOS.ch 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>
Sandia National Lab	JESS Rules Engine JESS 7.1	12.2.1.2.0	JESS/Jess is available at no cost for academic use and can be licensed for commercial use.

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Steven Sanderson	Knockout.js 3.2.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Knockout.js License .
The Apache Software Foundation	WoodStox wstx asl 3.2.9	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
The Apache Software Foundation	commons-el.jar 1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Apache Commons Logging 1.0.4, 1.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2003–2007 The Apache Software Foundation. For a copy of the license, see Apache License Version 2
The Apache Software Foundation	commons-logging.jar 1.0.3, 1.0.4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Xalan 2.7.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
The Apache Software Foundation	xml-apis.jar 1.3.04	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see xmlapisjar License
The Apache Software Foundation	Chemistry OpenCMIS 0.7.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Chemistry OpenCMIS 0.6.0, 0.7.0, 0.8.0	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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TMate	SVNKit 1.3.4	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>The TMate Open Source License.</p> <p>This license applies to all portions of TMate SVNKit library, which are not externally-maintained libraries (e.g. Ganymed SSH library). All the source code and compiled classes in package org.tigris.subversion.javahl except SvnClient class are covered by the license in JAVAHL-LICENSE file</p> <p>Copyright (c) 2004-2009 TMate Software. 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"> • 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. • Redistributions in any form must be accompanied by information on how to obtain complete source code for the software that uses SVNKit and any accompanying software that uses the software that uses SVNKit. The source code must either be included in the distribution or be available for no more than the cost of distribution plus a nominal fee, and must be freely redistributable under reasonable conditions. For an executable file, complete source code means the source code for all modules it contains. It does not include source code for modules or files that typically accompany the major components of the operating system on which the executable file runs. • Redistribution in any form without redistributing source code for software that uses SVNKit is possible only when such redistribution is explicitly permitted by TMate Software. Please, contact TMate Software at support@svnkit.com to get such permission. <p>IN NO EVENT SHALL TMATE 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</p>

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Tom Irving	TITokenField 0.9.0	11.1.1.9.0	For a copy of the license, TITokenField License
The Dojo Foundation	RequireJS 2.1.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see RequireJS 2.1.11 License
Tony Million	Reachability 3.1.0	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	Copyright © 2011–2013, Tony Million All rights reserved. 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.

3.1.4 Oracle Unified Business Process Management Suite

Oracle Unified Business Process Management Suite is a software suite that integrates the modeling, integration, execution, management and monitoring of business processes into a complete lifecycle that supports rapid change. It enables the creation, execution, and optimization of business processes, providing for unparalleled collaboration between business and IT. As a result, business processes are automated and optimized to improve efficiency and agility while costs are lowered. Oracle Unified Business Process Management Suite leverages your existing IT

investments and is specially tuned for line-of-business users. Using Oracle Unified Business Process Management Suite, you can improve productivity and visibility and provide your organization with the ability to respond to market needs as never before.

Oracle Unified Business Process Management Suite comprises the following components:

- Oracle BPM Studio

Oracle BPM Studio is a set of extensions on top of Oracle JDeveloper providing Business Process Modeling Notation (BPMN) modeling and simulation, including business friendly modeling of supporting artifacts such as organization, business calendars, business catalog, and business objects. In particular, business process guides navigate end users through different activities they need to perform as part of a process, organizing them in milestones and aggregating status.

- Oracle BPM Composer

Oracle BPM Composer is a web based modeling and customization tool for BPMN models and Business Rules.

- Oracle BPMN Service Engine and Workflow Extensions

Oracle BPMN Service Engine provides the ability to execute BPMN models natively and integrates with Oracle Enterprise Manager Fusion Middleware Control for administration and management. Workflow Extensions add more advanced capabilities to the base workflow capabilities in Oracle BPEL Process Manager and SOA Suite for Oracle Middleware. These extensions include approval management extensions, which are features targeted at sophisticated document-based and dynamic approval routing.

- Oracle BPM Process Spaces

Oracle BPM Process Spaces include Oracle Unified Business Process Management Suite- specific WebCenter Spaces Group Spaces, corresponding templates, and task flows.

- Oracle BPM Process Analytics

Oracle BPM Process Analytics include the ability to define business indicators as part of process models and to capture these and other standard process metrics in an included STAR schema. It also provides seamless integration to Oracle Business Activity Monitoring.

 **Note:**

1. Oracle Unified Business Process Management Suite includes a restricted license for Oracle WebPortal for use with Process Portal/ Process Spaces only. Oracle WebPortal is a user interaction suite for building portals, composite applications, and Enterprise 2.0 social and collaborative applications with seamless combination of search, publishing, and knowledge management.
2. Oracle Unified Business Process Management Suite includes a restricted license for Oracle WebCenter Content for use with Oracle Unified Business Process Management Suite and Process Portal/ Process Spaces only. For WebCenter Content usage, see the "WebCenter Content" bullet .

- Oracle WebCenter Portal (restricted use: for use with Process Portal/Process Spaces only)

Oracle WebCenter Portal is a user interaction suite for building portals, composite applications, and Enterprise 2.0 social and collaborative applications with seamless combination of search, publishing, and knowledge management.

- Oracle WebCenter Content (restricted use: for managing documents, Web Content -WCM- and Digital Assets -DAM-)

Oracle WebCenter Content can be used to store all content that is attached to BPM process instances, process models and other artifacts, as well as delivered as part of any WebCenter Portal Web site, application, or portal (see restricted usage of WebCenter Portal above). This includes base content management features, such as versioning and rendering different renditions of content, as well as indexing content in the repository for integration with search results within the site, portal, or application. This also includes full feature usage of the Web Content Management (WCM), Digital Asset Management (DAM), and other WebCenter Content components for content attached to BPM process instances, models, and other artifacts, as well as delivered via WebCenter Portal. All interactions can be done through BPM Suite interfaces, including Workspace, Process Composer, and JDev, the WebCenter Portal portal interface, a custom application, Desktop integrations, or the WebCenter Content user interface, including administration activities.

Prerequisite: A license for Oracle SOA Suite for Oracle Middleware is a prerequisite to license and use Oracle Unified Business Process Management Suite.

3.1.5 Oracle SOA Suite for Oracle Middleware and Oracle BPEL Process Manager Option Licensing with Oracle Internet Application Server

Customers that have a valid license for Oracle BPEL Process Manager Option and Oracle SOA Suite for Oracle Middleware on Oracle Internet Application Server Enterprise Edition have the right to use Oracle WebLogic Server Basic to run those products on Oracle WebLogic Server as part of their existing Oracle Internet Application Server Enterprise Edition license. This does not include the right to run Oracle Service Bus or Oracle Event Processing on WebLogic Server Basic. Oracle WebLogic Server Basic is described in [WebLogic Server Basic](#).

3.1.6 Oracle WebLogic Coherence Grid Edition Option

Oracle Coherence Grid Edition Option may only be licensed as an option to Oracle WebLogic Suite. Oracle WebLogic Coherence Grid Edition Option enables full use of Oracle Coherence Grid Edition. Oracle WebLogic Coherence Grid Edition Option is included in Oracle WebLogic Server Multitenant (see [Oracle WebLogic Server Multitenant](#) and Oracle WebLogic Server Continuous Availability (see [Oracle WebLogic Server Continuous Availability](#)). For more information see [Oracle Coherence Products](#).

3.2 Oracle WebLogic Server Enterprise Edition and WebLogic Suite Options

If licensing by Named User Plus, the number of licenses to Oracle WebLogic Server Enterprise Edition and Oracle WebLogic Suite Options must match the number of licenses to the associated Oracle WebLogic Suite application server. In the case where the minimum number of Named User Plus licenses are/were purchased, the number of licenses may not match due to variance in core factors between the times the respective programs were licensed. If licensing by Processor, the number of licenses to Oracle WebLogic Server Enterprise Edition and Oracle WebLogic Suite Options must match the number of licenses to the associated Oracle WebLogic Suite application server. In the case where the programs are licensed at different times, the number of licenses may not match due to variance in core factors between the times the respective programs were licensed, in that case the number of cores used to determine the number of licensed processors for Oracle WebLogic Server Enterprise Edition and Oracle WebLogic Suite Options must match the number of cores used to determine the number of licensed processors of Oracle WebLogic Suite application server. Associated Application Server is defined as the application server(s) which is (are) being managed by the option.

- [Oracle WebLogic Server Multitenant](#)
- [Oracle WebLogic Server Continuous Availability](#)

3.2.1 Oracle WebLogic Server Multitenant

Oracle WebLogic Server Multitenant enables consolidation of separate WebLogic Server and Coherence applications and caches into fewer domains through an infrastructure capability called Domain Partitions. Domain Partitions enable WebLogic Server Domain and Coherence Data Grid consolidation while maintaining security and isolation between applications and caches.

Oracle WebLogic Server Multitenant includes the following components:

- Oracle Traffic Director
- Oracle WebLogic Server Multitenant Domain Partitions and integrated constructs including Virtual Targets, Resource Groups, Resource Consumption Managers
- Oracle WebLogic Coherence Grid Edition Option

Oracle WebLogic Server Enterprise Edition and Oracle WebLogic Suite (which includes Oracle WebLogic Server Enterprise Edition) include a single user created WebLogic partition (single tenant) without requiring a license to Oracle WebLogic Server Multitenant.

Prerequisite: A license to Oracle WebLogic Server Enterprise Edition or Oracle WebLogic Suite is a prerequisite to license and use Oracle WebLogic Server Multitenant. A license to either Oracle Coherence Enterprise Edition or Oracle WebLogic Suite (which includes Oracle Coherence Enterprise Edition) is a prerequisite to use the Oracle WebLogic Coherence Grid Edition Option included in Oracle WebLogic Server Multitenant.

- [Third-Party Products and Details for Oracle Traffic Director](#)
- [Java SE Products](#)

3.2.1.1 Third-Party Products and Details for Oracle Traffic Director

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The following release versions are associated with the third-party products in Oracle Traffic Director:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Apache	apr 1.5x	12.2.1.2.0	For a copy of the license, see Apache License Version 2
Apache	APR 1.5.2	12.2.1.3.0	<p>Apache Portable Runtime Copyright (c) 2000-2015 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</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.</p> <p>This software contains code derived from UNIX V7, Copyright(C) Caldera International Inc.</p> <p>For a copy of the license, see Apache License Version 2</p>

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Provider	Component(s)	Release Versions	Licensing Information
Apache	APR UTIL 1.5.4	12.2.1.2.0 12.2.1.3.0	Apache Portable Runtime Utility Library Copyright © 2000–2014 The Apache Software Foundation For a copy of the license, see Apache License Version 2
Apache	Xalan 1.9.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2
Apache	Xalan-C++ 1.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Xerces 2.6.0-p1	11.1.1.9.0	For a copy of the license, see Apache License Version 2
Apache	xerces-C++ 3.1.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2

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Jean-loup Gailly and Mark Adler	Zlib Data Compression Library 1.2.8, 1.2.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see zlib License

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openssl.org	OpenSSL 1.0.2k	12.2.1.3.0	For a copy of the license, see OpenSSL License
Mozilla	Netscape Portable Runtime (NSPR) 4.14	12.2.1.3.0 11.1.1.9.0	For a copy of the license, see Mozilla Public License Version 2.0
Mozilla	NSS,3.12.10	11.1.1.9.0	For a copy of the license, see GNU LESSER GENERAL PUBLIC LICENSE (Version 2.1)
pcre.org	PCRE (Perl-compatible Regular Expressions) 8.36, 8.37, 8.39	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see PCRE (Perl-compatible Regular Expressions) License

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Provider	Component(s)	Release Versions	Licensing Information
Regents of the University of California	Jacl (Java Tcl) 1.3.3	11.1.1.9.0	<p>Portions of Jacl and Tcl Blend are Copyright (c) 1997-1999 The Regents of the University of California. All rights reserved. Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in all copies of this software.</p> <p>IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. THE UNIVERSITY OF CALIFORNIA SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE UNIVERSITY OF CALIFORNIA HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.</p>
Simple Network Management Protocol	Net-SNMP 5.7.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Net-SNMP License .

Table 3-6 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Traffic Director

Provider	Component(s)	Release Versions	Licensing Information
The Apache Software Foundation	Apache HTTP Server 2.2.32	12.2.1.3.0	<p>Apache HTTP Server Copyright 2017 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</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>Regular expression support is provided by the PCRE library package, which is open source software, written by Philip Hazel, and copyright by the University of Cambridge, England. The original software is available from ftp://ftp.csx.cam.ac.uk/pub/software/programming/pcre/</p> <p>For a copy of the license, see Apache License Version 2</p>
TrustWave	mod_security 2.8.0 (update to 2.7.5 TPNO 14454)	12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2</p>
University of Cambridge, Google. Inc.	PCRE (Perl Compatible Regular Expressions) Library 5	11.1.1.9.0	<p>For a copy of the license, see PCRE (Perl-compatible Regular Expressions) License</p>
xmlsoft.org	LibXML2 2.9.2, 2.9.4	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see LibXML2 License.</p>

3.2.1.2 Java SE Products

Licensing information for Java SE products is available at the following location:

<http://www.oracle.com/technetwork/java/javase/documentation/index.html>

Such licensing information includes Java SE-specific license terms, a description of commercial features that are restricted for use in certain scenarios, and notices and license for third party components.

3.2.2 Oracle WebLogic Server Continuous Availability

Oracle WebLogic Server Continuous Availability enables setting up, running, managing and monitoring multi data center infrastructures with Oracle WebLogic Server, Oracle Coherence and Oracle Traffic Director.

Oracle WebLogic Server Continuous Availability includes the following components:

- Oracle Traffic Director
- Oracle WebLogic Server Zero Downtime Patching
- Oracle WebLogic Server Cross Domain XA Transaction Recovery
- Oracle WebLogic Server Domain Partition Live Migration
- Oracle WebLogic Coherence Grid Edition Option
- Oracle Enterprise Manager Site Guard

Prerequisite: A license to Oracle WebLogic Server Enterprise Edition or Oracle WebLogic Suite is a prerequisite to license and use Oracle WebLogic Server Continuous Availability. A license to either Oracle Coherence Enterprise Edition or Oracle WebLogic Suite (which includes Oracle Coherence Enterprise Edition) is a prerequisite to use the Oracle WebLogic Coherence Grid Edition Option included in Oracle WebLogic Server Continuous Availability. A license to Oracle WebLogic Server Multitenant is a prerequisite to use Oracle WebLogic Server Domain Partition Live Migration included in Oracle WebLogic Server Continuous Availability.

3.3 Oracle SOA Suite for Oracle Middleware Options

The number of licenses to Oracle Service-Oriented Architecture (SOA) Suite for Oracle Middleware options must match the number of licenses to Oracle SOA Suite for Oracle Middleware.

- [Oracle Integration Continuous Availability](#)
- [Oracle Real-Time Business Integration Insight](#)
- [Third-Party Products and Details for Oracle Webservices Manager](#)

3.3.1 Oracle Integration Continuous Availability

Oracle Integration Continuous Availability includes operational capabilities to maximize uptime, diagnose and tune the service-oriented architecture environment, and make SOA deployments more resilient to exceptions and overload.

Oracle Integration Continuous Availability includes the following high availability features:

- Circuit Breaker
- Composite Instance Patching
- Automatic Service Migration (ASM) support
- Integration Workload Statistics
- In-Memory SOA

Prerequisite: A license to Oracle SOA Suite for Oracle Middleware is a prerequisite to license and use Oracle Integration Continuous Availability.

Prerequisite: A license to Oracle WebLogic Server Continuous Availability is a prerequisite to license and use Oracle Integration Continuous Availability. If using only In-Memory SOA, a license to Oracle WebLogic Server Continuous Availability is not required.

3.3.2 Oracle Real-Time Business Integration Insight

Oracle Real-Time Integration Business Insight provides business-level monitoring of integration applications.

Prerequisite: A license to Oracle SOA Suite for Oracle Middleware is a prerequisite to license and use Oracle Real-Time Integration Business Insight.

Restricted use: A license to Oracle Real-Time Integration Business Insight includes a restricted use license for Oracle Business Intelligence Publisher (BI Publisher). Use of BI Publisher is restricted to publishing and/or viewing:

- Included BI Publisher reports. Layout changes are allowed; and
- Included or newly created BI Publisher reports that are modified to access data from the existing Oracle Real-Time Integration Business Insight schema that has not been customized.

3.3.3 Third-Party Products and Details for Oracle Webservices Manager

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Webservices Manager, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Webservices Manager with the applicable licensing information.

Example 3-1 Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Webservices Manager are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Webservices Manager:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Webservices Manager.

Table 3-7 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Axiom 1.2	12.2.1.2.0 12.2.1.3.0	Portions Copyright © 2006 International Business Machines Corp. For a copy of the license, see Apache License Version 2 .
Apache	ant-contrib 1.0b3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	Ant-Contrib Copyright © 2001–2003 Ant-Contrib project All rights reserved. Licensed under the Apache 1.1 License Agreement. The name Ant-Contrib must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: ant-contribdevelopers@lists.sourceforge.net. For a copy of the license, see Apache License Version 1.1 .
Codehaus	Jackson 1.9.2	12.2.1.2.0 12.2.1.3.0	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. For a copy of the license, see Apache License Version 2 .
EasyMock	EasyMock 2.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
EasyMock	EasyMock 3.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2001–2007 OFFIS, Tammo Freese 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.

Table 3-7 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s))	Release Versions	Licensing Information
James Seigel and Stefan Haustein	KSoap 2.1.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2006, James Seigel, Calgary, AB., Canada</p> <p>Copyright © 2003, 2004, Stefan Haustein, Oberhausen, Rhld., Germany</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 3-7 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s))	Release Versions	Licensing Information
Jeff Martin, Tim Bacon	XMLUnit 1.3	12.2.1.2.0 12.2.1.3.0	<p>XMLUnit</p> <p>BSD-style License</p> <p>Copyright (c) 2001-2014, Jeff Martin, Tim Bacon</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"> • 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 <code>xmlunit.sourceforge.net</code> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. <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</p>

Table 3-7 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s)	Release Versions	Licensing Information
			ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. For a copy of the license, see XMLUnit
JUnit	JUnit 4.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0
Liberty Alliance	OpenAz 1, 1.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Russell Gold	HTTPUnit 1.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see HTTPUnit 17 License
Toby Reyelts, Xavier Le Vouch	RetroWeaver 2.0.7	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2008, Toby Reyelts, Xavier Le Vouch All rights reserved. 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.

Table 3-7 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s)	Release Versions	Licensing Information
The Werken Company	jaxen 1.1, 1.1.1	12.2.1.2.0	Copyright © 2003–2006 The Werken Company All Rights Reserved. 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.

3.4 Application Server Enterprise Management

The following Oracle Enterprise Manager products can be licensed for use with WebLogic Suite options:

- [Oracle SOA Management Pack Enterprise Edition](#)
- [Oracle WebLogic Server Management Pack Enterprise Edition](#)

3.4.1 Oracle SOA Management Pack Enterprise Edition

This pack delivers management and modeling capabilities for a SOA-based environment. By combining SOA run-time governance, business-IT alignment, model-driven metrics, and SOA infrastructure management with Oracle's rich and comprehensive system management solution, Oracle Enterprise Manager Cloud Control reduces the cost and complexity of managing SOA-based environments.

For complete license details about SOA Management Pack Enterprise Edition, see "Oracle Middleware Enterprise Management" in *Oracle Enterprise Manager Licensing Information*. This document is available from the Oracle Enterprise Manager

Documentation page at <http://www.oracle.com/technetwork/oem/grid-control/documentation/index.html>.

3.4.2 Oracle WebLogic Server Management Pack Enterprise Edition

This pack offers a solution for managing Oracle Fusion Middleware, Oracle WebLogic Server, and Oracle Application Server.

For licensing information, please refer to [Oracle WebLogic Server Management Pack Enterprise Edition](#).

3.5 Third-Party Products and Details for Oracle Fusion Middleware

This topic lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Fusion Middleware Options, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Fusion Middleware Options with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Fusion Middleware Options are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Fusion Middleware Options:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Fusion Middleware Options.

Table 3-8 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Fusion Middleware

Provider	Component(s)	Release Versions	Licensing Information
Shay Banon and ElasticSearch	ElasticSearch 5.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2

4

Exalogic Elastic Cloud Software

The Oracle Exalogic Elastic Cloud Software is a set of software components, tools, and documentation required to make the Exalogic Elastic Cloud Hardware functional and usable as a platform for Oracle's Fusion Middleware and business applications.

The Exalogic Elastic Cloud Software license grants the right to use all supported features of the software and firmware installed on the Exalogic Elastic Cloud Hardware by Oracle at the time of manufacture.

There are no supported means of operating the Exalogic Elastic Cloud Hardware that does not require use of the Exalogic Elastic Cloud Software. The principal components of the Exalogic Elastic Cloud Software are as follows:

- **Exalogic Base Image:** a collection of device drivers, device firmware, software libraries and configuration files that allow other software products to make use of the Exalogic Elastic Cloud Hardware and ensure the optimal performance and reliability of the system. Portions of this software extend the Oracle Linux and Oracle Solaris bootable operating system images that are required to operate the Exalogic Elastic Cloud hardware.
- **Oracle Traffic Director:** an optimized software load balancer feature providing a highly available, high performance routing, caching and network traffic shaping capability for Exalogic.

Oracle Traffic Director includes the following restricted use licenses:

- Restricted Use License Oracle WebLogic Server Enterprise Edition Standard Edition restricted to WebLogic Server to be used as a host to provide Java EE runtime environment for Oracle Traffic Director
- **Oracle Virtual Assembly Builder:** enables rapid configuration and provisioning of multi-tier application topologies onto virtualized and cloud environments.

Oracle Virtual Assembly Builder includes the following restricted use licenses:

- Restricted Use License Oracle WebLogic Enterprise Edition restricted to WebLogic Server to be used as a host to provide Java EE runtime environment for Oracle Virtual Assembly Builder Deployer in Exalogic Control
- Restricted Use License Oracle Coherence Enterprise Edition to be used for persistence, state management architecture and high availability for Oracle Virtual Assembly Builder Deployer functionality in Exalogic Control
- **Exalogic System Utilities:** A collection of utilities that are used to configure and validate the configuration, physical state, firmware and software of the Exalogic system.

Oracle Exalogic Elastic Cloud Software also includes a license-restricted set of features that enables improved performance and reliability of Fusion Middleware products. For information about using these optimizations on the Exalogic Elastic Cloud, see "Enabling Exalogic-Specific Enhancements in Oracle WebLogic Server 11g Release 1" in *Exalogic Elastic Cloud Enterprise Deployment Guide*: http://docs.oracle.com/cd/E18476_01/doc.220/e18479/optimization.htm

Oracle Exalogic Elastic Cloud Software has the following performance optimization entitlements for each Fusion Middleware product identified below.

This chapter contains the following sections:

- [Oracle WebLogic Server](#)
- [Oracle Tuxedo](#)
- [Use of Exalogic Elastic Cloud Software on the Oracle Private Cloud Appliance and Oracle Private Cloud at Customer](#)

4.1 Oracle WebLogic Server

- [Input/ Output and Work Manager Optimizations for Exalogic Elastic Cloud Software](#)
- [JDBC and Data Source Optimizations for Exalogic Elastic Cloud Software](#)
- [Cluster State Replication Optimizations for Exalogic Elastic Cloud Software](#)
- [Socket Direct Protocol for Exalogic Elastic Cloud Software](#)
- [Server and Service Migration Performance Optimizations for Exalogic Elastic Cloud Software](#)
- [Java Server Page Factory Caching Optimizations for Exalogic Elastic Cloud Software](#)
- [Oracle HTTP Client Optimizations for Exalogic Elastic Cloud Software](#)

4.2 Oracle Tuxedo

- [Oracle Tuxedo Optimization for Inter-node Communication](#)
- [Socket Direct Protocol for Exalogic Elastic Cloud Software](#)
- [Oracle Tuxedo Optimization for Lock Mechanism](#)

4.3 Use of Exalogic Elastic Cloud Software on the Oracle Private Cloud Appliance and Oracle Private Cloud at Customer

Customers migrating their middleware or application deployments from Oracle Exalogic to the Oracle Private Cloud Appliance or Oracle Private Cloud at Customer are granted the right to use their Exalogic Elastic Cloud Software license on both the Oracle Exalogic and Oracle Private Cloud Appliance (or Oracle Private Cloud at Customer) for a period of six months to facilitate the migration, so long as technical support is maintained on the license. During this period of "dual use", the license may only be used for production on one of these systems.

Exalogic Elastic Cloud Software may be used on the Oracle Private Cloud Appliance and Oracle Private Cloud at Customer.

Due to differences in the hardware/software infrastructure, the components and entitlements that are not supported on the Oracle Private Cloud Appliance or Oracle Private Cloud at Customer are listed in the following table:

Table 4-1 Components and Entitlements Not Supported on Oracle Private Cloud Appliance or Oracle Private Cloud at Customer

Components of Exalogic Elastic Cloud Software	Performance Optimization Entitlements
<ul style="list-style-type: none"> • Exalogic Base Image • Oracle Virtual Assembly Builder • Exalogic System Utilities 	<ul style="list-style-type: none"> • WebLogic Server <ul style="list-style-type: none"> – JDBC and Data Source Optimizations (Active GridLink for RAC is supported) – Socket Direct Protocol for Exalogic Elastic Cloud Software • Oracle Coherence <ul style="list-style-type: none"> – Optimized point-to-point communications on Exalogic • Oracle Tuxedo <ul style="list-style-type: none"> – Oracle Tuxedo Optimization for Inter-node Communication – Socket Direct Protocol for Exalogic Elastic Cloud Software

5

Oracle Fusion Middleware Adapters

This chapter covers licensing information for Oracle Fusion Middleware adapters.

Table 5-1 lists the types of integration adapters:

Table 5-1 Oracle Fusion Middleware Adapters

Application Adapters (see notes 1 and 5)	Mainframe and TP-Monitor Adapters (see note 5)	Changed Data Capture (CDC) Adapters (see note 5)	B2B Adapters (see notes 2 and 5)	Technology Adapters (see note 3)	Cloud Adapters (see note 5)	SOA Suite Adapters (see note 4)	Integration Adapters (see note 5)
J. D. Edwards	CICS	DB2/390	ebXML	Advanced Queueing	NetSuite	Coherence	JD Edwards World
Oracle E-Business Suite Adapter	IMS DB	IMS/DB	EDI	Database	Oracle Eloqua Marketing Cloud Service	LDAP	SAP R/3
PeopleSoft	IMS TM	VSAM Batch	RosettaNet	File	Oracle ERP Cloud Service	MSMQ	Siebel
SAP	VSAM	VSAM CICS	—	FTP	Oracle HCM Cloud	—	—
Siebel	—	—	—	JMS	Oracle RightNow Cloud Service	—	—
—	—	—	—	MQ Series	Oracle Sales Cloud	—	—
—	—	—	—	Socket	Salesforce.com	—	—
—	—	—	—	UMS	—	—	—

Notes:

1. SAP, PeopleSoft, Siebel, and J. D. Edwards adapters are each licensed separately under the "Application Adapters" product.
2. B2B for ebXML adapter is available either standalone, or as an included component of B2B for RosettaNet and B2B for EDI.
3. A license to Technology Adapters is included in the licenses for the following products:
 - a. Oracle Internet Application Server Enterprise Edition (IASEE)
 - b. Oracle WebLogic Suite (through its IASEE component)

- c. Oracle SOA Suite for Non-Oracle Middleware
 - d. Oracle Mobile Suite
 - e. Oracle BPEL Process Manager Option (through the prerequisite Oracle WebLogicSuite)
 - f. Oracle SOA Suite for Oracle Middleware (through the prerequisite Oracle WebLogicSuite)
4. A license to Oracle SOA Suite Adapters is only included in the license for the following products: Oracle Service Bus, Oracle Mobile Suite (through its Oracle Service Bus component), and Oracle SOA Suite for Oracle Middleware.
 5. Application Adapters, Mainframe and TP-Monitor Adapters, Changed Data Capture (CDC) Adapters, B2B Adapters, Cloud Adapters, and Integration Adapters are licensed separately.

This chapter contains the following sections:

- [Adapters License Prerequisites](#)

5.1 Adapters License Prerequisites

Prerequisite: A license to Oracle Service Bus or Oracle BPEL Process Manager Option or Oracle BPEL Process Manager or Oracle SOA Suite for Oracle Middleware or Oracle SOA Suite for Non-Oracle Middleware or Oracle WebLogic Integration is a prerequisite to license and use Application Adapters.

Prerequisite: A license to Oracle Service Bus or Oracle BPEL Process Manager Option or Oracle BPEL Process Manager or Oracle SOA Suite for Oracle Middleware or Oracle SOA Suite for Non-Oracle Middleware is a prerequisite to license and use Mainframe and TP-Monitor Adapters.

Prerequisite: A license to Oracle Service Bus or Oracle BPEL Process Manager Option or Oracle BPEL Process Manager or Oracle SOA Suite for Oracle Middleware or Oracle SOA Suite for Non-Oracle Middleware or Oracle Internet Application Server Enterprise Edition is a prerequisite to license and use B2B Adapters (RosettaNet, EDI and ebXML).

Prerequisite: A license to Oracle Service Bus or Oracle BPEL Process Manager Option or Oracle SOA Suite for Oracle Middleware is a prerequisite to license and use Cloud Adapters.

Prerequisite: A license to Oracle Service Bus or Oracle BPEL Process Manager Option or Oracle SOA Suite for Oracle Middleware is a prerequisite to license and use Integration Adapters.

6

Data Integration Products

This chapter describes the licensing information for Data Integration products.

This chapter contains the following sections:

- [Oracle Data Integrator Enterprise Edition](#)
- [Oracle Data Integrator for Big Data \(DIBD\)](#)
- [Oracle Data Integration Suite](#)
- [Oracle Enterprise Data Quality](#)
- [Oracle Application Adapters for Data Integration](#)
- [Oracle Application Adapters for Warehouse Builder](#)
- [Oracle GoldenGate Products](#)
- [Oracle Data Service Integrator](#)
- [Oracle Enterprise Metadata Management](#)
- [Management Packs](#)

6.1 Oracle Data Integrator Enterprise Edition

Oracle Data Integrator Enterprise Edition is a software package for enabling scalable data integration in heterogeneous data environments.

Oracle Data Integrator Enterprise Edition includes the following components:

- Oracle Data Integrator (ODI) (excluding those technologies separately licensed in the Oracle Application Adapters for Data Integration).
- Oracle Warehouse Builder Enterprise ETL

To obtain high availability with Oracle Data Integrator Enterprise Edition, separate licenses to Oracle WebLogic Server Enterprise Edition and Oracle Coherence Enterprise Edition are required.

Prerequisite: A license to Oracle Database Enterprise Edition is a prerequisite to license and use Oracle Warehouse Builder Enterprise ETL.

Oracle Warehouse Builder Enterprise ETL extends the extraction, transformation, and loading (ETL) features separately available with Oracle Database and includes the following functionality:

- Accessing sources and targets
 - Native support for heterogeneous databases, including the definition of new platform types, JDBC connectivity, knowledge modules, and code templates
 - Support for Exadata hybrid columnar compression
 - Transparent Data Encryption (TDE) support
 - External Table support for Data Pump imports and exports

- External Table preprocessor support
- Change Data Capture mappings in ET
- Publishing and consuming web services, including integrating with process orchestration technologies such as Oracle BPEL Process Manager
- Importing Cobol copybooks using the built-in wizard
- Targeting XML files
- Data Guard certification and failover support
- Working with dimensional objects
 - Creating slowly changing dimensions, types 2 and 3
 - Storing data in OLAP cube-organized materialized views
 - Defining orphan management policies
- Designing and executing ETL jobs
 - Right-time data warehousing utilizing queues and real-time mappings
 - Reusing and embedding mapping code with pluggable mappings
 - Specifying the load order of multiple targets in a single mapping
 - Partitioning and parallelizing updates to tables by utilizing the data chunking feature
 - Scheduling ETL jobs using the built-in Schedule interface
 - Using advanced process flows features (activity templates, use of the following activities: Assign, Set Status, For Loop, While Loop, Route, Notification, EJB, Java Class, and Webservice)
 - Designing mappings to handle complex types using the following operators: varray iterator, construct object, and expand object
 - Rapidly moving large amounts of data with transportable modules
 - Using spatial transformations and streams transformations
 - Compiled PL/SQL code generation
 - Bulk code templates for Oracle --> Oracle, SQL Server --> Oracle, and DB2 --> Oracle
- Integrating with other products
 - Deploying metadata directly to Oracle Discoverer End User Layer
 - Deriving and deploying metadata to Oracle Business Intelligence Enterprise Edition
- Administering Warehouse Builder and its metadata repository
 - Support for database failover
 - Managing environments, including promoting from development to test to production, using the multiple configurations functionality
 - Interactively analyzing metadata lineage and impact and automatically propagating metadata change using the Metadata Dependency Manager
 - Extending the metadata repository using the following: user-defined objects, user-defined associations, user-defined modules, creating icon sets and custom icons

- Hosting the OWB design repository in an Oracle Real Application Clusters (Oracle RAC) environment (executing in an Oracle RAC environment does not require this license)
- Operating multiple databases with OWB repositories from a single Oracle home

Restricted use: A license to Oracle Data Integrator Enterprise Edition includes a restricted use license to Oracle WebLogic Server Standard Edition. Use of Oracle WebLogic Server Standard Edition is restricted to running the Oracle Data Integrator Web Console. Any other use requires a full use license.

- [Third-Party Products and Details for Oracle Data Integrator](#)

6.1.1 Third-Party Products and Details for Oracle Data Integrator

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Data Integrator, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Data Integrator with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Data Integrator are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Data Integrator:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Data Integrator.

Table 6-1 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Data Integrator

Provider	Component(s)	Release Versions	Licensing Information
Apache	HTTP Client 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Collections 3.2.2	12.2.1.2.0 12.2.1.3.0	Copyright © 2001–2008 The Apache Software Foundation For a copy of the license, see Apache License Version 2

Table 6-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Data Integrator

Provider	Component(s)	Release Versions	Licensing Information
Apache	Groovy 2.4.6, 2.4.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	SVN (Subversion) 1.8.10	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Atsuhiko Yamanaka, Grift, Inc.	JSch 0.144	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2002–2010 Atsuhiko Yamanaka, JCraft, Inc.</p> <p>All rights reserved.</p> <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>

Table 6-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Data Integrator

Provider	Component(s)	Release Versions	Licensing Information
Eclipse Foundation	JGit 3.6.2	12.2.1.3.0	<p>Eclipse Distribution License - v 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>

Table 6-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Data Integrator

Provider	Component(s)	Release Versions	Licensing Information
Google	GSON 2.6.2	12.2.1.3.0	Copyright 2008 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. For a copy of the license, see Apache License Version 2 .
Jayway AB	JsonPath 2.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
SpringSource	Spring 3.2.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

6.2 Oracle Data Integrator for Big Data (DIBD)

Oracle Data Integrator for Big Data (DIBD) includes the following capabilities for use with certain Apache Hadoop technologies, as follows:

- Code generation architecture using;
 - Apache Cassandra Technology
 - Apache Cassandra Knowledge Modules
 - Apache Kafka Technology
 - Apache Kafka Knowledge Modules
 - Apache Spark Technology
 - Apache Spark Knowledge Modules
 - Apache Pig Technology
 - Apache Pig Knowledge Modules
- Execution of ODIEE Scenarios using the Apache Oozie workflow manager.

DIBD is compatible with, but does not include, the above-listed Apache programs. You must separately obtain the Apache programs you wish to use with DIBD.

Restricted Use: A license to Oracle Data Integrator for Big Data includes a restricted use license to Oracle Data Integrator Enterprise Edition restricted to the Oracle Data Integrator component. Use of Oracle Data Integrator component of Oracle Data

Integrator Enterprise Edition is restricted to be used when the data transformations are executed in Big Data environments.

Restricted use: A license to Oracle Data Integrator for Big Data includes a restricted use license to Oracle WebLogic Server Standard Edition. Use of Oracle WebLogic Server Standard Edition is restricted to running the Oracle Data Integrator Web Console component of Oracle Data Integrator Enterprise Edition only.

6.3 Oracle Data Integration Suite

Oracle Data Integration Suite (ODI Suite) is a software bundle for enabling scalable, highly-accessible data integration in any heterogeneous data environment.

Oracle Data Integration Suite includes:

- Oracle Data Integrator Enterprise Edition
- Hyperion Data Relationship Management (up to maximum of 2,000 records per processor)

Restricted use: A license to Oracle Data Integration Suite includes restricted-use licenses to the following products:

- Oracle WebLogic Suite. Use of Oracle WebLogic Suite is restricted to hosting ODI Suite components including run-time components to provide a Java run-time environment as well as configuration and administration components used for the setup and management of these run-time components. Any other use of Oracle WebLogic Suite requires a full use license.
- Oracle BPEL Process Manager. Oracle BPEL Process Manager may only be used with Oracle Data Integrator and/or Hyperion Data Relationship Management as endpoints.
- Oracle Service Bus. Oracle Service Bus may only be used with Oracle Data Integrator and/or Hyperion Data Relationship Management as endpoints.

6.4 Oracle Enterprise Data Quality

Oracle Enterprise Data Quality (EDQ) technology includes the following separately licensed products:

- Oracle Enterprise Data Quality Profiling for Data Integration
- Oracle Enterprise Data Quality Audit and Dashboard for Data Integration
- Oracle Enterprise Data Quality Batch Processing for Data Integration
- Oracle Enterprise Data Quality Real-time Processing for Data Integration
- Oracle Enterprise Data Quality Address Verification Server for Data Integration

Restricted use: A license to any of the EDQ products listed above includes a restricted-use license to WebLogic Server Standard Edition (WLSSE). Use of WLSSE is restricted to hosting Java application logic that is distributed as part of the EDQ products listed above. Any modifications implemented as Java programs, which include Java programs that produce html interfaces or Java business logic, are not permitted. The restricted-use license to WLSSE includes use of the Oracle Application Development Framework subcomponent of the TopLink and ADF component. Any other use of WLSSE requires a full use license.

- [Oracle Enterprise Data Quality Audit and Dashboard for Data Integration](#)
- [Oracle Enterprise Data Quality Batch Processing for Data Integration](#)
- [Oracle Enterprise Data Quality Real-time Processing for Data Integration](#)
- [Oracle Enterprise Data Quality Address Verification Server for Data Integration](#)
- [Third-Party Products and Details for Oracle Enterprise Data Quality](#)

6.4.1 Oracle Enterprise Data Quality Audit and Dashboard for Data Integration

Prerequisite: A license to Oracle Enterprise Data Quality Profiling for Data Integration is a prerequisite to license and use Oracle Enterprise Data Quality Audit and Dashboard for Data Integration.

6.4.2 Oracle Enterprise Data Quality Batch Processing for Data Integration

Prerequisite: A license to Oracle Enterprise Data Quality Profiling for Data Integration or Oracle Enterprise Data Quality Profile and Audit is a prerequisite to license and use Oracle Enterprise Data Quality Batch Processing for Data Integration.

6.4.3 Oracle Enterprise Data Quality Real-time Processing for Data Integration

Prerequisite: A license to Oracle Enterprise Data Quality Batch Processing for Data Integration is a prerequisite to license and use Oracle Enterprise Data Quality Real-time Processing for Data Integration.

6.4.4 Oracle Enterprise Data Quality Address Verification Server for Data Integration

Prerequisite: A subscription to address data packs obtained from Oracle's partner, Loqate Inc., is required to license and use Oracle Enterprise Data Quality Address Verification Server for Data Integration.

Prerequisite: A license to Oracle Enterprise Data Quality Batch Processing for Data Integration is a prerequisite to license and use Oracle Enterprise Data Quality Address Verification Server for Data Integration.

6.4.5 Third-Party Products and Details for Oracle Enterprise Data Quality

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for the following Oracle Enterprise Data Quality:

- [Oracle Enterprise Data Quality Profiling for Data Integration](#)
- [Oracle Enterprise Data Quality Audit and Dashboard for Data Integration](#)

- Oracle Enterprise Data Quality Batch Processing for Data Integration
- Oracle Enterprise Data Quality Real-time Processing for Data Integration
- Oracle Enterprise Data Quality Address Verification Server for Data Integration

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Enterprise Data Quality Audit and Dashboard for Data Integration with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Enterprise Data Quality Audit and Dashboard for Data Integration are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Enterprise Data Quality:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Enterprise Data Quality Audit and Dashboard for Data Integration.

Table 6-2 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
ANTLR	Antlr 3.5.2	12.2.1.3.0	<p>http://www.antlr3.org/license.html includes:</p> <p>ANTLR 3 License [The BSD License]</p> <p>Copyright (c) 2010 Terence Parr All rights reserved.</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>
Apache	ActiveMQ 5.4.2, 5.13.2	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-lang 3.4, 3.5	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons DBCP	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2001–2010 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Apache Commons IO	12.2.1.2.0	<p>Apache Commons IO</p> <p>Copyright © 2001–2008 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>

Table 6-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Commons Lang	12.2.1.2.0	Apache Commons Lang Copyright © 2001–2011 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Apache Commons Logging 1.1.3	12.2.1.2.0 12.2.1.3.0	Apache Commons Logging Copyright © 2003–2013 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Apache Commons Logging 1.1	12.2.1.3.0	Copyright © 2003–2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Apache Commons Logging 1.1.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Pool 1.6	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Derby	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache Derby License .
Apache	Apache Derby 10.9.11	12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Apache FOP 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Apache FTP Server	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Jakarta Commons HttpClient 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Pool	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 4.5.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Lucene	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache Lucene License .
Apache	Apache Mina SSHD 2.0.0.8.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache MINA SSHD License .

Table 6-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache POI 3.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.4	12.2.1.2.0	Apache Commons Codec Copyright © 2002–2009 The Apache Software Foundation Copyright © 2002 Kevin Atkinson (kevina@gnu.org). Verbatim copying and distribution of this entire article is permitted in any medium, provided this notice is preserved. For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.5	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Groovy 1.8, 2.4.2	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	httpmime 4.5.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons DBCP 1.3	12.2.1.3.0	http://www.apache.org/licenses/LICENSE-2.0.txt NOTICE file: ----- Apache Commons DBCP Copyright 2001-2010 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/).
Apache	Log4j 1.2.9	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	Classmate 0.8.0	12.2.1.3.0	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. You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0 . For more information on this license and/or for a copy of the license, see Apache License Version 2 .
IBM	ICU 4.2.1	12.2.1.2.0	For a copy of the license, see ICU License .

Table 6-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
Jason Hunter & Brett McLaughlin	JDOM 1.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2000–2004 Jason Hunter & Brett McLaughlin All rights reserved. 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.
Mozilla	Rhino (Java Script Engine)	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Mozilla Public License Version 1 .

Table 6-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
PostgreSQL Global Development Group	PostgreSQL JDBC driver 9.2-1002	SVNKit	<p>http://jdbc.postgresql.org/license.html</p> <p>BSD License</p> <p>The PostgreSQL JDBC driver is distributed under the BSD license, same as the server. The simplest explanation of the licensing terms is that you can do whatever you want with the product and source code as long as you don't claim you wrote it or sue us. You should give it a read though, it's only half a page.</p> <p>Copyright (c) 1997-2011, PostgreSQL Global Development Group</p> <p>All rights reserved.</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>
Red Hat	Hibernate Validator RI (JSR 303) 5.0.0.Final	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 6-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
SLF4J	SLF4J 1.5.10	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2008 QOS.ch All rights reserved. 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 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.
SLF4J	Simple Logging Façade for Java (SLF4J) 1.7.21	12.2.1.3.0	Copyright (c) 2004-2013 QOS.ch All rights reserved. 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 NON-INFRINGEMENT. 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.
SpringSource	Spring 2.5.6 SEC02	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
SpringSource	Spring Framework 4.3.3.RELEASE	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 6-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Enterprise Data Quality

Provider	Component(s)	Release Versions	Licensing Information
The Werken Company	Jaxen 1.1.6	12.2.1.3.0	Copyright © 2003–2006 The Werken Company All Rights Reserved. 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.

6.5 Oracle Application Adapters for Data Integration

Oracle Application Adapters for Data Integration assist for reverse-engineering metadata and extracting bulk data from the enterprise resource planning (ERP) software applications listed below in this section.

Restricted use: Each Application Adapter for Data Integration is licensed separately. Use of Application Adapter(s) for Data Integration is restricted for use with Oracle Data Integrator Enterprise Edition and the Oracle Data Integrator component.

Application Adapters for Data Integration are available for PeopleSoft, JD Edwards World, JD Edwards Enterprise One, E-Business Suite, Siebel, SAP Applications and SAP Business Warehouse Applications.

Table 6-3 Included components for Application Adapters for Data Integration

Oracle Application Adapters for Data Integration:	Included Components:
Application Adapter for Data Integration for PeopleSoft	Reverse-engineering Knowledge Module PeopleSoft Oracle Reverse-engineering Knowledge Module PeopleSoft MSSQL

Table 6-3 (Cont.) Included components for Application Adapters for Data Integration

Oracle Application Adapters for Data Integration:	Included Components:
Application Adapter for Data Integration for JD Edwards World	Reverse-engineering Knowledge Module JDE World Reverse-engineering Knowledge Module JDE World (JDE World JDBC Driver) Integration Knowledge Module JDE World Control Append
Application Adapter for Data Integration for JD Edwards Enterprise One	Reverse- Engineering Knowledge Module JDE Enterprise One Oracle Reverse-Engineering Knowledge Module JDE Enterprise One SQL Server Reverse-engineering Knowledge Module JDE Enterprise One DB2 UDB Reverse-engineering Knowledge Module JDE Enterprise One DB2 AS400 Integration Knowledge Module JDE Enterprise One Control Append (UBE)
Application Adapter for Data Integration for Siebel	Integration Knowledge Module SQL to Siebel Append (EIM) Loading Knowledge Module Siebel to SQL (EIM) Reverse-engineering Knowledge Module Siebel Oracle Reverse-engineering Knowledge Module Siebel EIM Oracle Reverse-engineering Knowledge Module Siebel MSSQL Reverse-engineering Knowledge Module Siebel EIM MSSQL
Application Adapter for Data Integration for E-Business Suite	Integration Knowledge Module E-Business Suite (Open Interface) Reverse-engineering Knowledge Module E-Business Suite
Application Adapter for Data Integration for SAP Applications	Reverse-engineering Knowledge Module SAP ERP Connection Test Loading Knowledge Module SAP ERP to Oracle (SQLLDR) Loading Knowledge Module SAP ERP to SQL Reverse-engineering Knowledge Module SAP ERP
Application Adapter for Data Integration for SAP Business Warehouse	Reverse-engineering Knowledge Module SAP BW Loading Knowledge Module SAP BW to Oracle (SQLLDR) Loading Knowledge Module SAP to SQL

6.6 Oracle Application Adapters for Warehouse Builder

Each Application Adapter for Warehouse Builder is licensed separately. Any use of Application Adapters for Warehouse Builder, including users constructing their own application adapters for Warehouse Builder using Oracle-documented APIs, requires a full use license to Oracle Data Integrator Enterprise Edition.

Application Adapters for Warehouse Builder are available for PeopleSoft, SAP, Siebel, and E-Business Suite.

6.7 Oracle GoldenGate Products

For details on a supported database platform for your product version please refer to the Oracle Fusion Middleware Supported System Configurations (<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>) and/or the certification tab under My Oracle Support (for supported customers only; <http://support.oracle.com>).

Oracle GoldenGate technology includes the following separately licensed products:

- [Oracle GoldenGate](#)
- [Oracle GoldenGate for Non-Oracle Database](#)
- [Oracle GoldenGate for Mainframe](#)
- [Oracle GoldenGate for Teradata Replication Services](#)
- [Oracle GoldenGate Application Adapters](#)
- [Oracle GoldenGate Veridata](#)
- [Oracle GoldenGate for BigData](#)
- [Oracle GoldenGate Foundation Suite](#)
- [Third-Party Products and Details for Oracle GoldenGate Monitor](#)
- [Third-Party Products and Details for Oracle GoldenGate Studio](#)

6.7.1 Oracle GoldenGate

Oracle GoldenGate provides the ability to capture and deliver database transactions for Oracle databases.

A license to Oracle GoldenGate includes a license to Oracle Active Data Guard and Oracle XStream, subject to the following prerequisite.

Prerequisite: A license to Oracle Database Enterprise Edition is a prerequisite to license and use Oracle Active Data Guard or Oracle XStream.

Restricted use: A license to Oracle GoldenGate includes a restricted-use license to Oracle GoldenGate for Big Data (GGBD). Use of GGBD is restricted to: (i) the JMS functionality used solely for enabling communication from Oracle GoldenGate to separately licensed Oracle Coherence Grid Edition deployments; and/or (ii) the Kafka functionality used solely for enabling communication from Oracle GoldenGate to separately licensed Oracle Stream Analytics deployments.

6.7.2 Oracle GoldenGate for Non-Oracle Database

Oracle GoldenGate for Non-Oracle Database provides the ability to capture database transactions from supported non-Oracle open systems databases and/or deliver database transactions to supported non-Oracle open systems databases.

Restricted use: A license to Oracle GoldenGate for Non-Oracle Database includes a restricted-use license to Oracle GoldenGate for Big Data (GGBD). Use of GGBD is restricted to: (i) the JMS functionality used solely for enabling communication from Oracle GoldenGate for Non-Oracle Database to separately licensed Oracle Coherence Grid Edition deployments; and/or (ii) for the Kafka functionality used solely for enabling communication from Oracle GoldenGate for Non-Oracle Database to separately licensed Oracle Stream Analytics deployments.

A license to Oracle GoldenGate for Non-Oracle Database does not include a license to Oracle Active Data Guard or Oracle XStream.

6.7.3 Oracle GoldenGate for Mainframe

Oracle GoldenGate for Mainframe provides the ability to capture and deliver database transactions from HP NonStop or IBM DB2 on z/OS databases.

Restricted use: A license to Oracle GoldenGate for Mainframe includes a restricted-use license to Oracle GoldenGate for Big Data (GGBD). Use of GGBD is restricted to: (i) the JMS functionality used solely for enabling communication from Oracle GoldenGate for Mainframe to separately licensed Oracle Coherence Grid Edition deployments; and/or (ii) for the Kafka functionality used solely for enabling communication from Oracle GoldenGate for Mainframe to separately licensed Oracle Stream Analytics deployments.

6.7.4 Oracle GoldenGate for Teradata Replication Services

Oracle GoldenGate for Teradata Replication Services provides the ability to capture database transactions from Teradata databases and deliver database transactions to Teradata databases.

Prerequisite: A license for Teradata Access Manager from Teradata Corporation is a prerequisite to enable the capture process on Teradata.

6.7.5 Oracle GoldenGate Application Adapters

The following Oracle GoldenGate Application Adapters are available.

- [Oracle GoldenGate for Application Adapter for Base24](#)
- [Oracle GoldenGate Application Adapter for JMS and Flat File](#)
- [Oracle GoldenGate Application Adapter for Logger for Enscribe](#)
- [Third-Party Products and Details for Oracle GoldenGate](#)

6.7.5.1 Oracle GoldenGate for Application Adapter for Base24

Oracle GoldenGate provides adapters to integrate BASE24 components heterogeneously, moving data from ATM networks to the core banking systems for online processing.

A license for Oracle GoldenGate Application Adapter for Base24 includes the following components:

- Oracle GoldenGate D24
- Oracle GoldenGate N24
- Oracle GoldenGate T24

6.7.5.2 Oracle GoldenGate Application Adapter for JMS and Flat File

Oracle GoldenGate Application Adapter for JMS and Flat File includes the following components:

- Oracle GoldenGate for Flat File
- Oracle GoldenGate for Java

6.7.5.3 Oracle GoldenGate Application Adapter for Logger for Enscribe

The adapter is for non-audited Enscribe database platforms.

6.7.5.4 Third-Party Products and Details for Oracle GoldenGate

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle GoldenGate, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle GoldenGate with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle GoldenGate are identified in the following table, 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 following release versions are associated with the third-party products in Oracle GoldenGate:

- 11.1.1.1
- 11.2.1.0
- 12.1.2.0
- 12.2.0.1
- 12.2.0.2
- 12.3.0.1

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle GoldenGate.

Table 6-4 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle GoldenGate

Provider	Component(s)	Release Versions	Licensing Information
ANTLR	ANTLR 3.1.3	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	<p>Copyright (c) 2010 Terence Parr 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"> • 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 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>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>
Apache	Apache Xerces 3.1.2	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	For a copy of the license, see Apache License Version 2 .

Table 6-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle GoldenGate

Provider	Component(s)	Release Versions	Licensing Information
Johnny Shelly	BCrypt 1.1	<ul style="list-style-type: none"> • 11.1.1.1 • 11.2.1.0 • 12.1.2.0 • 12.2.0.1 • 12.3.0.1 	For a copy of the license, see BCrypt .
Boost Software	Boost C++ Libraries 1.59.0	12.3.0.1	For a copy of the license, see Boost C++ Libraries .
FairCom Corporation	C-tree Plus 8.x	<ul style="list-style-type: none"> • 11.1.1.1 • 11.2.1.0 • 12.1.2.0 • 12.2.0.1 • 12.3.0.1 	For a copy of the license, see C-tree Plus .
FasterXML, LLC	Jackson 2.8.6	12.3.0.1	For a copy of the license, see Jackson JSON processor .
IBM	ICU 56.1	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	For a copy of license, see ICU .
Oracle	JavaScript Extension Toolkit (JET) 2.0.0	12.3.0.1	For a copy of license, see JavaScript Extension Toolkit (JET) .
Cedric Beust	Jcommander 1.48	12.3.0.1	For a copy of license, see Jcommander .
Baptiste Lepilleur	JsonCpp 1.6.2	12.3.0.1	For a copy of license, see JsonCpp .
OpenLDAP	Lightning Memory-Mapped Database Manager (LMDB) 0.9.14	12.3.0.1	For a copy of license, see Lightning Memory-Mapped Database Manager (LMDB) .
Modernizr	Modernizr 3.3.1	12.3.0.1	For a copy of license, see Modernizr .

Table 6-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle GoldenGate

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RightTime, Inc.	Mustache for Java 0.9.0	12.3.0.1	For a copy of license, see Mustache for Java .
Sun Microsystems	OpenSSL 1.0.2j	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	For a copy of license, see OpenSSL .
Applied Informatics Software Engineering GmbH	POCO C++ Libraries 1.7.7	12.3.0.1	For a copy of license, see POCO C++ Libraries .
University of Illinois Board of Trustees	UDT (UDP-based Data Transfer) 4.11	12.3.0.1	For a copy of license, see UDT (UDP-based Data Transfer) .
Milo Yip	Rapid JSON 1.1.0	12.3.0.1	For a copy of license, see Rapid JSON .
Bob Jenkins	BJHash	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	Public domain dedication - no Attribution Requirements.

Table 6-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle GoldenGate

Provider	Component(s)	Release Versions	Licensing Information
Regents of the University of California	queue.h 8.5	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	<p>Copyright (c) 1990, 1993 The Regents of the University of California. 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> <ol style="list-style-type: none"> 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. 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. <p>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.</p>
Jean-loup Gailly and Mark Adler	Zlib Data Compression Library 1.2.11	<ul style="list-style-type: none"> • 12.2.0.1 • 12.2.0.2 • 12.3.0.1 	<p>For a copy of license, see Zlib Data Compression Library 1.2 .11.</p>

6.7.6 Oracle GoldenGate Veridata

Oracle GoldenGate Veridata is a data comparison solution that identifies and reports data discrepancies between databases.

To obtain high availability with Oracle GoldenGate Veridata separate licenses to Oracle WebLogic Server Enterprise Edition and Oracle Coherence Enterprise Edition are required.

Restricted use: A license to Oracle GoldenGate Veridata includes a restricted-use license to Oracle WebLogic Server Standard Edition. Oracle WebLogic Server Standard Edition use is restricted to hosting Java Enterprise Edition (Java EE) or Java application logic that is distributed as part of Oracle GoldenGate Veridata.

- [Third-Party Products and Details for Oracle GoldenGate Veridata](#)

6.7.6.1 Third-Party Products and Details for Oracle GoldenGate Veridata

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- 12.2.1.2.0
- 12.2.1.3.0

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Apache	Commons FileUpload 1.2	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .

Table 6-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle GoldenGate Veridata

Provider	Component(s)	Release Versions	Licensing Information
Apache	Commons Codec 1.2, 1.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .

6.7.7 Oracle GoldenGate for BigData

A license to Oracle GoldenGate for Big Data includes the following components:

- Oracle GoldenGate for Java
- Oracle GoldenGate for FlatFile
- Oracle GoldenGate for Kafka
- Oracle GoldenGate for HDFS
- Oracle GoldenGate for Hive
- Oracle GoldenGate for HBase
- Oracle GoldenGate for Flume

Restricted use: A license for Oracle Golden Gate for Big Data includes a restricted-use license to Oracle Stream Analytics. Use of Oracle Stream Analytics is restricted to process data coming from Oracle GoldenGate for Big Data.

6.7.8 Oracle GoldenGate Foundation Suite

Oracle GoldenGate Foundation Suite includes the following components:

- Oracle GoldenGate Studio
- Oracle GoldenGate Veridata (see [Oracle GoldenGate Veridata](#))
- Oracle Management Pack for Oracle Golden Gate (see [Oracle Management Pack for Oracle GoldenGate](#))

Prerequisite: A license to Oracle GoldenGate, Oracle GoldenGate for Non-Oracle Database or Oracle GoldenGate for Mainframe is a prerequisite to license and use Oracle GoldenGate Foundation Suite.

6.7.9 Third-Party Products and Details for Oracle GoldenGate Monitor

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- 12.2.1.3.0

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Provider	Component(s)	Release Versions	Licensing Information
Apache	Commons Codec 1.2, 1.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging-1.0.4.jar 1.0.4	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
IBM	ICU4J 4.8	12.2.1.2.0	For a copy of the license, see ICU4J License .
SLF4J	slf4j 1.4.3	12.2.1.2.0	Copyright © 2004–2008 QOS.ch All rights reserved. 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 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.

Table 6-6 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle GoldenGate Monitor

Provider	Component(s)	Release Versions	Licensing Information
SpringSource	Spring Security 3.0.1	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .

 **Note:**

This product includes software developed by Spring Security Project (<http://www.springframework.org/security>).

6.7.10 Third-Party Products and Details for Oracle GoldenGate Studio

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Apache	Apache Velocity 1.5	12.2.1.2.0 12.2.1.3.0	Apache Velocity Copyright © 2000–2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Velocity 1.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	FEST 1.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Mockito	Mockito 1.9.5	12.2.1.2.0 12.2.1.3.0	The MIT License Copyright (c) 2007 Mockito 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.

6.8 Oracle Data Service Integrator

Oracle Data Service Integrator is a platform for delivering real-time, integrated, reusable information as a service, regardless of where the data is from.

Restricted use: A license to Oracle Data Service Integrator includes a restricted-use license to Oracle WebLogic Server Enterprise Edition as host solely for Oracle Data Service Integrator, including run-time components to provide Java run-time

environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.

6.9 Oracle Enterprise Metadata Management

Oracle Enterprise Metadata Management is a software package for metadata management of multi-vendor environments and support for data governance.

6.10 Management Packs

The following Management Packs for Data Integration Technology are available.

- [Oracle Management Pack for Oracle GoldenGate](#)
- [Oracle Management Pack for Oracle Data Integrator](#)

6.10.1 Oracle Management Pack for Oracle GoldenGate

A license to Management Pack for Oracle GoldenGate includes Oracle GoldenGate Director, Oracle GoldenGate Monitor and Oracle GoldenGate Plug-in for Enterprise Manager.

Prerequisite: A license to Oracle GoldenGate, Oracle GoldenGate for Non-Oracle Database or Oracle GoldenGate for Mainframe is a prerequisite to license and use Oracle Management Pack for Oracle GoldenGate.

Restricted use: A license to Management Pack for Oracle GoldenGate includes a restricted-use license to Oracle WebLogic Server Standard Edition. Oracle WebLogic Server Standard Edition use is restricted to hosting Java Enterprise Edition (Java EE) or Java application logic that is distributed as part of Management Pack for Oracle GoldenGate.

6.10.2 Oracle Management Pack for Oracle Data Integrator

Management Pack for Oracle Data Integrator provides a consolidated view of a user's entire Oracle Data Integrator (ODI) infrastructure enabling users to monitor and manage the ODI components centrally.

Prerequisite: A license to Data Integrator Enterprise Edition or Data Integrator for Oracle Business Intelligence or Oracle Data Integrator Enterprise Edition for Oracle Applications is a prerequisite to license and use Oracle Management Pack for Oracle Data Integrator.

7

Oracle Tuxedo Licensing

This chapter describes the Oracle Tuxedo product family and their licensing features.

The Oracle Tuxedo product family consists of the following product categories:

- [Oracle Tuxedo](#)
- [Add-on Products for Oracle Tuxedo](#)
- [Independent Products](#)
- [Third-Party Products and Details for Oracle Tuxedo](#)
- [Oracle Tuxedo Optimizations for Exalogic Elastic Cloud Software](#)

7.1 Oracle Tuxedo

Oracle Tuxedo provides the foundation for the Oracle Tuxedo product family. Oracle Tuxedo includes the following components:

- Oracle Tuxedo Server
- Oracle Tuxedo Standalone Clients

7.2 Add-on Products for Oracle Tuxedo

The Oracle Tuxedo product family consists of the following add-on products. Some of these products are included in the Oracle Tuxedo installer, however, a license to Oracle Tuxedo does not include a license to these add-on products. A license to Oracle Tuxedo is a prerequisite to license and use each add-on product.

- [Tuxedo Server Components](#)
- [Oracle Services Architecture Leveraging Tuxedo \(SALT\)](#)
- [Oracle Tuxedo System and Applications Monitor Plus \(TSAM Plus\)](#)
- [Oracle Tuxedo JCA Adapter](#)
- [Oracle Tuxedo Mainframe Adapters \(SNA and TCP\)](#)
- [Oracle Tuxedo Application Runtime \(ART\) for CICS and Batch](#)
- [Oracle Tuxedo Application Runtime \(ART\) for Batch](#)
- [Oracle Tuxedo Application Runtime \(ART\) for IMS](#)
- [Oracle Tuxedo Application Rehosting \(ART\) Test Manager](#)
- [Oracle Tuxedo Advanced Performance Pack](#)

7.2.1 Tuxedo Server Components

Oracle Tuxedo Jolt provides Java-based client API to access the Oracle Tuxedo application services extending functionality of existing Oracle Tuxedo applications to

Intranet- and Internet-wide availability. The Jolt client API can be used in standalone mode or from within an application server, such as Oracle WebLogic server.

Oracle Tuxedo Jolt consists of two components: Oracle Tuxedo Jolt server and Oracle Tuxedo Jolt client. Oracle Tuxedo Jolt must be separately licensed for each computer where the Oracle Tuxedo Jolt server component is installed. A license to Oracle Tuxedo Jolt includes the Tuxedo Jolt client software.

7.2.2 Oracle Services Architecture Leveraging Tuxedo (SALT)

Oracle SALT enables access to Oracle Tuxedo services as web services as well as enables Oracle Tuxedo applications to access Web services hosted outside of the Oracle Tuxedo domain.

7.2.3 Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Oracle TSAM monitors and manages system servers, application servers, and application transactions. A license to Oracle TSAM Plus is required for each computer that you want to monitor and manage using Oracle TSAM Plus. A license to Oracle TSAM Plus entitles you to run one or more instances of TSAM Plus Manager component on the computer.

A license to Oracle TSAM Plus includes a license to the plugin for Oracle Enterprise Manager Cloud Control (OEM CC) 12c to manage one Oracle Tuxedo node.

Restricted use: A license to Oracle TSAM Plus includes a restricted use license to Oracle WebLogic Server Standard Edition. Use of Oracle WebLogic Server Standard Edition is restricted to running the Oracle Tuxedo System and Applications Monitor Plus Web Console.

- [Third-Party Products and Details for Oracle Tuxedo System and Applications Monitor Plus \(TSAM Plus\)](#)

7.2.3.1 Third-Party Products and Details for Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

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- 12.2.2.0.0
- 12.1.3.0.0

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Table 7-1 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Derby 10.8.2.2	12.2.2.0.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons CLI 1.2	12.2.2.0.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Logging 1.0.4	12.2.2.0.0	For a copy of the license, see Apache License Version 2 .
Apache	Log4J 1.2.15	12.2.2.0.0	Apache log4j Copyright © 2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	OpenJPA 1.2.3	12.1.3.0.0	For a copy of the license, see Apache License Version 2 .

Table 7-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Tuxedo System and Applications Monitor Plus (TSAM Plus)

Provider	Component(s)	Release Versions	Licensing Information
Atsuhiko Yamanaka, JCraft, Inc.	Java Secure Channel (JSCH) for SSH2 0.1.41	12.2.2.0.0	<p>JSch 0.0.* was released under the GNU LGPL license. Later, we have switched over to a BSD-style license.</p> <p>Copyright © 2002, 2003, 2004, 2005, 2006, 2007 Atsuhiko Yamanaka, JCraft, Inc.</p> <p>All rights reserved.</p> <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>
MetaStuff, Ltd.	dom4j 1.6.1	12.2.2.0.0	For a copy of the license, see dom4j License
SpringSource	Spring Framework 3.2.6	12.2.2.0.0	<p>Spring Framework 3.2.0. RELEASE</p> <p>Copyright © 2002–2012 SpringSource, a division of VMware, 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. 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 <code>license.txt</code> file.</p> <p>For a copy of the license, see Apache License Version 2.</p>

7.2.4 Oracle Tuxedo JCA Adapter

Oracle Tuxedo JCA Adapter enables bi-directional access between Tuxedo services and Java Enterprise Edition (Java EE) application servers.

Oracle Tuxedo JCA Adapter must be licensed on the node which is running the Java EE application server, and which is communicating with Oracle Tuxedo Services.

7.2.5 Oracle Tuxedo Mainframe Adapters (SNA and TCP)

Oracle Tuxedo Mainframe Adapters (SNA and TCP) provide bi-directional and transactional connectivity between Oracle Tuxedo and CICS/IMS services running on IBM or Unisys mainframes. These adapters support automatic data conversion to and from HOST formats.

7.2.6 Oracle Tuxedo Application Runtime (ART) for CICS and Batch

Oracle Tuxedo Application Runtime (ART) for CICS and Batch supports rehosting of IBM CICS and batch mainframe applications to Oracle Tuxedo. It provides a combination of APIs and services that allows OLTP and Batch mainframe applications to run unchanged, preserving investment in business logic and data.

7.2.7 Oracle Tuxedo Application Runtime (ART) for Batch

Oracle Tuxedo Application Runtime (ART) for Batch enables rehosting of mainframe batch applications to Oracle Tuxedo running on open systems.

7.2.8 Oracle Tuxedo Application Runtime (ART) for IMS

Oracle Tuxedo Application Runtime (ART) for IMS supports IBM IMS TM mainframe applications rehosted to Oracle Tuxedo.

7.2.9 Oracle Tuxedo Application Rehosting (ART) Test Manager

Oracle Tuxedo Application Rehosting (ART) Test Manager is a tool for managing and automating testing of rehosted CICS, IMS, and Batch applications running on Tuxedo Application Runtimes.

If licensing by Processor, the number of licenses to ART Test Manager must match the number of licenses to the associated Oracle Tuxedo Application Runtime (CICS & Batch, IMS or Batch). In the case where the programs are licensed at different times, the number of Processor licenses may not match due to variance in core factors between the times the respective programs were licensed.

In that case, the number of cores used to determine the number of licensed processors of ART Test Manager must match the number of cores used to determine the number of licensed processors of Oracle Tuxedo Runtime (CICS & Batch, IMS or Batch).

- [Third-Party Products and Details for Oracle Tuxedo Application Rehosting \(ART\) Test Manager](#)

7.2.9.1 Third-Party Products and Details for Oracle Tuxedo Application Rehosting (ART) Test Manager

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- 12.2.2.0.0
- 12.1.3.0.0

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Table 7-2 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Tuxedo Application Rehosting (ART) Test Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	commons-codec 1.1	12.2.2.0.0	For a copy of the license, see Apache License Version 2 .
Apache	Tomcat 7.0.70	12.2.2.0.0	Copyright (c) 1999-2010, Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Tomcat 7.0.73	12.2.2.0.0	Apache Tomcat Copyright 1999-2016 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .

Table 7-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Tuxedo Application Rehosting (ART) Test Manager

Provider	Component(s)	Release Versions	Licensing Information
GitHub	jackson-databind 2.8.5	12.2.2.0.0	For a copy of the license, see Apache License Version 2 .
JCraft	JSch 0.1.54	12.2.2.0.0	Copyright © 2002–2010 Atsuhiko Yamanaka, JCraft, Inc. All rights reserved. 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.
SLF4J	Simple Logging Façade for Java (SLF4J) 1.7.22	12.2.2.0.0	Copyright (c) 2004-2013 QOS.ch All rights reserved. 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.
SmartBear Software	swagger-jersey2-jaxrs 1.5.10	12.2.2.0.0	For a copy of the license, see Apache License Version 2 .

7.2.10 Oracle Tuxedo Advanced Performance Pack

Oracle Tuxedo Advanced Performance Pack consists of following features:

- Routing of all Oracle Database (Database) requests from a global transaction to same Oracle Real Application Cluster (RAC) instance using XA affinity and common XID
- Automatic, real time load balancing across available RAC, Database nodes
- Auto failover/failback across RAC and Database nodes
- Auto SPINCOUNT tuning
- Shared memory queues
- Efficient Transaction Table Locking

The number of licenses to Oracle Tuxedo Advanced Performance Management Pack must match the number of licenses to Oracle Tuxedo.

7.3 Independent Products

The following products in the Oracle Tuxedo product family are separately licensed without any dependency on any other products.

- [Oracle Tuxedo Application Rehosting Workbench](#)
- [Oracle Tuxedo Message Queue](#)

7.3.1 Oracle Tuxedo Application Rehosting Workbench

Oracle Tuxedo Application Rehosting Workbench is used for mainframe application rehosting.

7.3.2 Oracle Tuxedo Message Queue

Oracle Tuxedo Message Queue is an enterprise messaging product. Oracle Tuxedo Message Queue must be licensed for each node it is installed on.

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- 12.2.2.0.0
- 12.1.3.0.0

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Microsoft	Microsoft Visual Studio 2015 Redistributables	12.2.2.0.0	

7.5 Oracle Tuxedo Optimizations for Exalogic Elastic Cloud Software

The following sections describe the following Oracle Tuxedo optimizations for Oracle Exalogic Elastic Cloud Software:

- [Oracle Tuxedo Optimization for Inter-node Communication](#)
- [Socket Direct Protocol for Exalogic Elastic Cloud Software](#)
- [Oracle Tuxedo Optimization for Lock Mechanism](#)

7.5.1 Oracle Tuxedo Optimization for Inter-node Communication

Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to provide inter-node communication within an Oracle Tuxedo domain.

7.5.2 Socket Direct Protocol for Exalogic Elastic Cloud Software

Oracle Exalogic Elastic Cloud can be configured to utilize the socket direct protocol for Oracle Tuxedo network channels and Oracle Database connectivity.

7.5.3 Oracle Tuxedo Optimization for Lock Mechanism

Oracle Exalogic Elastic Cloud Software can be configured with Oracle Tuxedo to tune the bulletin board lock mechanism in an Oracle Tuxedo domain.

8

Oracle Business Intelligence

Oracle Business Intelligence products include a wide variety of applications for business analysis, reporting, and data visualization.

This chapter covers licensing for Oracle Business Intelligence products. It contains the following sections:

- [Oracle Business Intelligence Suite Extended Edition](#)
- [Oracle Business Intelligence Publisher](#)
- [Oracle Business Intelligence Standard Edition One](#)
- [Oracle Real-Time Decision Server](#)
- [Oracle Scorecard and Strategy Management](#)
- [Oracle Business Intelligence Mobile](#)
- [Oracle Business Intelligence Server Enterprise Edition](#)
- [Oracle Business Intelligence Interactive Dashboards](#)
- [Oracle Business Intelligence Answers](#)
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- [Oracle Data Integrator for Oracle Business Intelligence](#)
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- [Oracle Endeca Web Acquisition Toolkit](#)
- [Oracle Database In-Memory for Exalytics](#)

8.1 Oracle Business Intelligence Suite Extended Edition

Oracle Business Intelligence Suite Extended Edition includes the following products:

- Oracle Business Intelligence Server Enterprise Edition
- Oracle Business Intelligence Answers
- Oracle Business Intelligence Interactive Dashboards
- Oracle Business Intelligence Publisher
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- [Third-Party Products and Details for Oracle Business Intelligence Publisher](#)

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- The included Oracle Database Standard Edition One or Oracle Database Standard Edition 2
- One other database
- Any number of flat file sources (for example, CSV, XLS)

8.4 Oracle Real-Time Decision Server

Oracle Real-Time Decisions (Oracle RTD) Server helps you develop adaptive enterprise software solutions.

Oracle Real-Time Decision Server includes the following products:

- Oracle WebLogic Server Standard Edition
- Oracle Entitlements Server Basic

Restricted use: Use of WebLogic Server Standard Edition is restricted to use with Oracle Real-Time Decision Server. Oracle WebLogic Server clustering is not allowed.

Restricted use: Use of Oracle Entitlements Server Basic is restricted to use with Oracle Real-Time Decision Server only.

- [Third-Party Products and Details for Oracle Real-Time Decision Server](#)

8.4.1 Third-Party Products and Details for Oracle Real-Time Decision Server

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Real-Time Decision Server, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Real-Time Decision Server with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Real-Time Decision Server are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Real-Time Decision Server:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Real-Time Decision Server.

Table 8-2 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Real-Time Decision Server

Provider	Component(s)	Release Versions	Licensing Information
ANTLR	Antlr 2.7.3, 2.7.2	11.1.1.9.0	For a copy of the license, see Antlr License .
ANTLR	Antlr 2.7.5, 2.7.7	11.1.1.9.0	For a copy of the license, see Antlr License .
Apache	Jakarta-commons-lang.jar 2.1, 2.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Ant 2	11.1.1.9.0	For a copy of the license, see Apache License Version 1
Apache	commons.digester 1.5, 1.7	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	HTTP Client 2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Log4j 1.2.14	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Mx4j 3.0.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Velocity 1.3.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.2, 1.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

Table 8-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Real-Time Decision Server

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Jakarta Commons 2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging.jar 1.0.3, 1.0.4	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta ORO 2.0.8, 2.2	11.1.1.9.0	Jakarta ORO Copyright © 2000–2002 The Apache Software Foundation All rights reserved. Licensed under the Apache 1.1 License Agreement. For a copy of the license, see Apache License Version 1 .
Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	ant.jar 1.6.5	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Validator 1.1.4	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Apache	Commons Modeler 1.1	11.1.1.9.0	<p>The Apache Software License, Version 1.1 Copyright (c) 2000 The Apache Software Foundation. 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"> 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: <ul style="list-style-type: none"> • 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. 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. <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 THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF</p>

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Apache	Lucene Java 1.4.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	JavaMail(TM) API Design Specification (javamail.jar) 1.3.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	SAAJ (javax.xml.soap) 1.2, 1.2.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons HttpClient 3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Regexp 1.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	JSP Standard Taglib JSTL 1.0.6	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons IO 1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Jakarta Commons HttpClient 3.0.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Apache	Apache MX4J 1.1.1	11.1.1.9.0	<p>The Apache Software License, Version 1.1 Copyright (c) 2001 The Apache Software Foundation. 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"> 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: <ul style="list-style-type: none"> • 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 "The Jakarta Project", "Tomcat", 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. * 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. <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 THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR DAMAGES (INCLUDING,</p>

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Apache	Commons-Collections 2.1 2.1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Validator 1.3.1	11.1.1.9.0	<p>This product includes software developed by Apache Jakarta Commons Validator.</p> <p>Copyright © 2001–2006 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Struts 1.3.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Java Server Pages (JSP) Standard Tag Library (jstl) 1.0.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Digester 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Tomcat 4.1.30	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache File Upload 1.1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
Atsuhiko Yamanaka, JCraft, Inc.	Java Secure Channel (JSCH) for SSH2 0.1.18	11.1.1.9.0	<p>JSch 0.0.* was released under the GNU LGPL license. Later, we have switched over to a BSD-style license.</p> <p>Copyright © 2002, 2003, 2004, 2005, 2006, 2007 Atsuhiko Yamanaka, JCraft, 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> <ol style="list-style-type: none"> 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 not be used to endorse or promote products derived from this software without specific prior written permission. <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>
Doug Lea	Concurrent 1.3.4	11.1.1.9.0	

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Provider	Component(s)	Release Versions	Licensing Information
Eclipse Foundation	Eclipse Modeling Framework 2.1	11.1.1.9.0	Eclipse Public License - v 1.0 For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Platform 3.1, 3.1.2	11.1.1.9.0	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Platform 3.4.2	11.1.1.9.0	Eclipse Public License - v 1.0 For a copy of the license, see Eclipse Public License .
Google	Google Collections 0.8 1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Google	Google Collections 1.0-rc2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Google	Google Guice 1 2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
JDOM	JDOM 0.9.5, 1.0, 1.0beta10	11.1.1.9.0	Copyright © 2000–2004 Jason Hunter & Brett McLaughlin All rights reserved. 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.

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Provider	Component(s)	Release Versions	Licensing Information
Mark Yu	Swtcalendar 0.5	11.1.1.9.0	<p>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. 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 SIMON TATHAM 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>http://swtcalendar.sourceforge.net/license.html</p>
Open Web Application Security Project (OWASP)	Enterprise Security API (ESAPI) 2	11.1.1.9.0	For a copy of the license, see Enterprise Security API (ESAPI) License
Public Domain	aopalliance.jar 1	11.1.1.9.0	For a copy of the license, see Public Domain License .
The Apache Software Foundation	Apache Commons Logging 1.1		<p>Copyright © 2003–2007 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
The Apache Software Foundation	Apache Commons Logging 1.1, 1.1.1	11.1.1.9.0	<p>Apache Commons CLI</p> <p>Copyright © 2001–2009 The Apache Software Foundation</p> <p>For a copy of the license, see Apache Commons Logging License.</p>
The Apache Software Foundation	commons-chain 1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
the Displaytag team	Displaytag 1	11.1.1.9.0	<p>The Artistic License</p> <p>Preamble:</p> <p>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.</p> <p>Definitions:</p> <p>"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.</p> <p>"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.</p> <p>"Copyright Holder" is whoever is named in the copyright or copyrights for the package.</p> <p>"You" is you, if you're thinking about copying or distributing this Package.</p> <p>"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.)</p> <p>"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item.</p> <p>It also means that recipients of the item may redistribute it under the same conditions they received it.</p> <ol style="list-style-type: none"> 1. 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. 2. 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.

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Table 8-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Real-Time Decision Server

Provider	Component(s)	Release Versions	Licensing Information
			<ol style="list-style-type: none"> <li>5. 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. <li>6. 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. <li>7. C or perl subroutines supplied by you and linked into this Package shall not be considered part of this Package. <li>8. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission. <li>9. 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.

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8.5 Oracle Scorecard and Strategy Management

Oracle Scorecard and Strategy Management enables you to map organization strategy to goals and monitor via Key Performance Indicators.

Oracle Scorecard and Strategy Management includes the following product:

- Oracle WebLogic Server Standard Edition

Prerequisite: A license to Oracle Business Intelligence Suite Extended Edition is a prerequisite to license and use Oracle Scorecard and Strategy Management.

Restricted use: Use of Oracle WebLogic Server Standard Edition is restricted to use with Oracle Scorecard and Strategy Management only. Oracle WebLogic Server Standard Edition clustering is not allowed.

8.6 Oracle Business Intelligence Mobile

Oracle Business Intelligence Mobile extends Oracle Business Intelligence Suite Extended Edition capabilities to mobile devices such as Apple's iPhone and iPad devices and Android devices.

Oracle Business Intelligence Mobile has complementary mobile applications:

- Oracle BI Mobile application for Apple iOS (downloadable from the Apple App Store)
- Oracle BI Mobile application for Android (downloadable from the Google Play Store)

Prerequisite: A license to Oracle Business Intelligence Suite Extended Edition is a prerequisite to license and use Oracle Business Intelligence Mobile.

8.7 Oracle Business Intelligence Server Enterprise Edition

Oracle Business Intelligence Server Enterprise Edition is a business intelligence server that balances concurrency and parallelism for a wide range of business intelligence applications. It provides a centralized data access and calculation engine that is used by Oracle Business Intelligence Interactive Dashboards, Oracle Business Intelligence Answers and Oracle Business Intelligence Delivers.

Oracle Business Intelligence Server Enterprise Edition includes the following products:

- Oracle Smart View for Office
- Oracle WebLogic Server Standard Edition
- Oracle Entitlements Server

The following Oracle Business Intelligence Server Enterprise Edition Options are not included and may be separately licensed:

- Oracle Business Intelligence Interactive Dashboards
- Oracle Business Intelligence Delivers
- Oracle Business Intelligence Answers
- Oracle Business Intelligence Publisher

The number of licenses for each Option must match the number of licenses to Oracle Business Intelligence Server Enterprise Edition.

Restricted use: Use of Oracle Business Intelligence Server Enterprise Edition and Oracle Business Intelligence Server Enterprise Edition Options is restricted to testing

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Restricted use: Use of Oracle WebLogic Server Standard Edition is restricted to use with Oracle Business Intelligence Server Enterprise Edition only. Oracle WebLogic Server Standard Edition clustering is not allowed.

Restricted use: Use of Oracle Entitlements Sever is restricted to use with Oracle Business Intelligence Server Enterprise Edition only.

Restricted use: Use of Aggregate Persistence (CREATE AGGREGATES, and DELETE AGGREGATES commands), when run against the TimesTen In-Memory Database for Exalytics or the Database In-Memory Option of Oracle Database Enterprise Edition, requires a license to Oracle Exalytics In-Memory Software.

Restricted use: Use of "Oracle Hardware acceleration" requires a license to Oracle Exalytics In-Memory Software.

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The following release versions are associated with the third-party products in Oracle Business Intelligence Enterprise Edition:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Table 8-3 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Business Intelligence Enterprise Edition

Provider	Component(s)	Release Versions	Licensing Information
Adobe	Flex SDK 3.2	11.1.1.9.0	PPD-Adobe: "4.3". Adobe Systems PostScript® Printer Description File. Copyright © 1987–1998 Adobe Systems incorporated All rights reserved. Permission is granted for redistribution of this file as long as this copyright notice is intact and the contents of the file is not altered in any way from its original form. Oracle may not delete or in any manner alter the copyright notices, trademarks, logos or related notices, or other proprietary rights notices of Adobe (and its licensors, if any) appearing on or within the SDK Source Files and/or SDK Components, or any documentation relating to the SDK Components.
Apache	Commons-Collections 3.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Compress 1.5	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	JAX-RPC 1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons IO 1.4	11.1.1.9.0	Apache Commons IO Copyright © 2001–2008 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Chain 1.1, 1.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	jakarta-commons-codec 1.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Apache	jakarta-oro 2.0.8	11.1.1.9.0	Jakarta ORO Copyright © 2000–2002 The Apache Software Foundation All rights reserved. Licensed under the Apache 1.1 License Agreement. For a copy of the license, see Apache License Version 1.
Apache	Ant 1.7, 1.6.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2.
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Oracle Business Intelligence Interactive Dashboards provides personalized views of information which include reports with prompts and various ways to visualize business data.

The number of licenses to Oracle Business Intelligence Interactive Dashboards must match the number of licenses to Oracle Business Intelligence Server Enterprise Edition.

Prerequisite: A license to Oracle Business Intelligence Server Enterprise Edition is a prerequisite to license and use Oracle Business Intelligence Interactive Dashboards Option.

8.9 Oracle Business Intelligence Answers

Oracle Business Intelligence Answers provides ad-hoc query capabilities and the ability to create Oracle Business Intelligence Interactive Dashboards.

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8.10 Oracle Business Intelligence Delivers

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8.11 Oracle Business Intelligence Server Administrator

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Apache	Commons Codec 1.2, 1.3	11.1.1.9.0 12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	Batik 1.6.0, 1.7, 2.0	11.1.1.9.0 12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
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Eclipse Foundation	Platform 3.1, 3.1.2	12.2.1.3.0	For a copy of the license, see Eclipse Public License .
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INRIA, France Telecom	ASM 2.1	11.1.1.9.0	For a copy of the license, see ASM License (1)
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JUnit	JUnit 4.8.1	12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0
JUnit	JUnit 4.8, 4.8.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0
Jackson Project	Jackson JSON Processor 1.9.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2.

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Microsoft	Microsoft Visual Studio 2005 (also known as 8)	11.1.1.9.0 12.2.1.2.0	Microsoft Software License Terms for the Microsoft Developer Network Subscription and Microsoft Software License Terms for Microsoft Visual Studio

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ZXing Project	ZXing 2.3	12.2.1.3.0	<p>Copyright 2011 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. For a copy of the license, see Apache License Version 2 Additionally, the NOTICE file contains the following: NOTICES FOR BARCODE4J Barcode4J Copyright 2002-2010 Jeremias Märki Copyright 2005-2006 Dietmar Bürkle Portions of this software were contributed under section 5 of the Apache License. Contributors are listed under: http://barcode4j.sourceforge.net/contributors.html NOTICES FOR APACHE COMMONS FILEUPLOAD, IO, LANG Copyright 2002-2010 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/).</p>

8.13 Oracle Data Integrator for Oracle Business Intelligence

Oracle Data Integrator for Oracle Business Intelligence is a limited-use version of Oracle Data Integrator Enterprise Edition.

Oracle Integrator for Oracle Business Intelligence includes the product:

- Oracle WebLogic Server Standard Edition

To obtain high availability with Oracle Data Integrator for Oracle Business Intelligence, separate licenses to Oracle WebLogic Server Enterprise Edition and Oracle Coherence Enterprise Edition are required.

Prerequisite: A license to Oracle Business Intelligence Server Enterprise Edition, Oracle Business Intelligence Standard Edition One, Oracle Business Intelligence Cloud Service, Oracle Business Intelligence Foundation Edition or Oracle Business Intelligence Suite Extended Edition is a prerequisite to license and use Oracle Data Integrator for Oracle Business Intelligence.

Restricted use: A license to Oracle Data Integrator for Oracle Business Intelligence includes a restricted-use license to Oracle WebLogic Server Standard Edition. Use of Oracle WebLogic Server Standard Edition is restricted to running the Oracle Data Integrator Web Console only.

Restricted use: Oracle Data Integrator for Oracle Business Intelligence may not be used on a standalone basis or as a standalone extract, transform and load (ETL) tool. Oracle Data Integrator for Oracle Business Intelligence may be used with any data source provided the target environment(s) are: (i) a database used by Oracle Business Intelligence Applications, Fusion Edition programs (excluding Hyperion Enterprise Performance Management Applications), (ii) a database exclusively used by Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, Oracle Business Intelligence Cloud Service, and/or Oracle Business Intelligence Standard Edition One, or (iii) a staging database for any of the foregoing programs. When Oracle Data Integrator for Oracle Business Intelligence is licensed by Named User Plus, the user count must be equivalent to the greater of:

(a) when running or subscribing to Business Intelligence Applications, Fusion Edition or Oracle Business Intelligence Cloud Service (i) the licensed or subscribed user count for Oracle Business Intelligence Applications, Fusion Edition or Oracle Business Intelligence Cloud Service, or (ii) 20 named users; or

(b) when running Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, or Oracle Business Intelligence Standard Edition One (i) the licensed user count for Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, Oracle Business Intelligence Standard Edition One, or (ii) 25 named users per processor.

8.14 Informatica PowerCenter and PowerConnect Adapters

Informatica PowerCenter and PowerConnect Adapters is an enterprise data integration platform for accessing, discovering, and integrating data from different business systems.

Prerequisite: A license to Oracle Business Intelligence Server Enterprise Edition or Oracle Business Intelligence Suite Extended Edition is a prerequisite to license and use Informatica PowerCenter and PowerConnect Adapters.

Restricted use: Informatica PowerCenter and PowerConnect Adapters may not be used on a standalone basis or as a standalone extract, transform and load (ETL) tool. Informatica PowerCenter and PowerConnect Adapters may be used with any data source provided the target environment(s) are: (i) the Oracle Business Intelligence Applications, Fusion Edition programs (excluding Hyperion Enterprise Performance Management Applications), (ii) the underlying platforms on which Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, Oracle Business Intelligence Standard Edition One or associated components run, or (iii) a staging database for any of the foregoing. Informatica PowerCenter and PowerConnect Adapters may also be used where the Oracle Business Intelligence Applications, Fusion Edition programs (excluding Hyperion Enterprise Performance Management Applications) are the data source and non-Oracle Business Intelligence applications are the target environments, provided that users do not use Informatica PowerCenter and PowerConnect Adapters to transform the data. When Informatica PowerCenter and PowerConnect Adapters is licensed by Named User Plus, the user count must be equivalent to the greater of: (i) the target environment(s), (i) - (iii) above, user count, or (ii) 20 named users.

8.15 Oracle Metadata Management for Oracle Business Intelligence

Oracle Metadata Management for Oracle Business Intelligence is a software package for metadata management of Oracle Business Intelligence environments.

Prerequisite: A license to Oracle Business Intelligence Server Enterprise Edition, Oracle Business Intelligence Standard Edition One, or Oracle Business Intelligence Suite Extended Edition is a prerequisite to license and use Oracle Metadata Management for Oracle Business Intelligence.

Restricted Use: Oracle Metadata Management for Oracle Business Intelligence may not be used on a standalone basis. Oracle Metadata Management for Oracle Business Intelligence may be used with any data source provided the target environment(s) are: (i) the database included with the Oracle Business Intelligence Applications, Fusion Edition programs (excluding Hyperion Enterprise Performance Management Applications), (ii) a database exclusively used by Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, Oracle Business Intelligence Cloud Service, and/or Oracle Business Intelligence Standard Edition One, or (iii) a staging database for any of the foregoing programs. When Oracle Metadata Management for Oracle Business Intelligence is licensed by Named User Plus, the user count must be equivalent to the greater of:

(a) when running or subscribing to Business Intelligence Applications, Fusion Edition or Oracle Business Intelligence Cloud Service (i) the licensed or subscribed user count for Oracle Business Intelligence Applications, Fusion Edition or Oracle Business Intelligence Cloud Service, or (ii) 20 named users; or

(b) when running Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, or Oracle Business Intelligence Standard Edition One (i) the licensed user count for Oracle Business Intelligence Suite Foundation Edition, Oracle Business Intelligence Suite Extended Edition, Oracle Business Intelligence Standard Edition One, or (ii) 25 named users per processor.

8.16 Oracle Essbase Plus

Oracle Essbase Plus is an online analytical processing (OLAP) server for Enterprise Performance Management Applications. It supports forecasting, variance analysis, root cause identification, scenario planning and what-if modeling.

Oracle Essbase Plus includes the following products:

- Oracle WebLogic Server Standard Edition
- Oracle Internet Directory
- Oracle Smart View for Office

Restricted use: Use of Oracle Internet Directory is restricted to use with Oracle Essbase Plus only.

Restricted use: Use of WebLogic Server Standard Edition is restricted to use with Oracle Essbase Plus. Oracle WebLogic Server Standard Edition clustering is not allowed.

Restricted use: Use of "Oracle Hardware acceleration" requires a license to Oracle Exalytics In-Memory Software.

- [Third-Party Products and Details for Oracle Essbase](#)

8.16.1 Third-Party Products and Details for Oracle Essbase

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Essbase, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Essbase with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Essbase are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Essbase:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Essbase.

Table 8-5 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Apache	jakarta-commons-lang 2.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2
Apache	Commons CSV 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2

Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Apache	Mina 2.0.4	12.2.1.3.0	<p>Apache MINA Copyright 2007 The Apache Software Foundation.</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>Please refer to each LICENSE.<component>.txt file for the license terms of the components that Apache MINA depends on.</p> <p>Message logging is provided by the SLF4J library package, which is open source software, written by Ceki GÃ¼lcÃ¼, and copyright by SLF4J.ORG and QOS.ch. The original software is available from http://www.slf4j.org/</p> <p>Data compression support is provided by the JZLib library package, which is open source software, written by JCraft, and copyright by JCraft. The original software is available from http://www.jcraft.com/jzlib/</p> <p>Spring framework is provided by the Spring framework library package, which is open source software, written by Rod Johnson et al, and copyright by Springframework.org. The original software is available from http://www.springframework.org/</p> <p>OGNL is provided by the OGNL library package, which is open source software, written by Drew Davidson and Luke Blanshard. The original software is available from http://www ognl.org/</p> <p>For a copy of the Apache Version 2, see Apache License Version 2</p>

Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Apache	Xerces for C++ (xerces-c) 3.1.1	12.2.1.3.0	<p>The Apache Software License, Version 1.1 Copyright (c) 1999-2001 The Apache Software Foundation. All rights reserved.</p> <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 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.</p>
Apache	Commons CLI 1.3.1	12.2.1.3.0	<p>Apache Commons CLI Copyright 2001-2015 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>For a copy of the license, see Apache License Version 2</p>
Apache	Apache POI 3.14	12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2</p>

Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Daniel Stenberg	Libcurl 7.19.6	12.2.1.2.0 12.2.1.3.0	<p>Copyright (c) 1996 - 2007, Daniel Stenberg All rights reserved. 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", 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 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>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.</p>

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Provider	Component(s)	Release Versions	Licensing Information
Daniel Stenberg	cURL (libcurl) 7.50.3	12.2.1.3.0	<p>COPYRIGHT AND PERMISSION NOTICE</p> <p>Copyright (c) 1996 - 2016, Daniel Stenberg, and many contributors, see the THANKS file. All rights reserved.</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", 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 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>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.</p>
Free Software Foundation	Bison 1.24, 1.25, 1.28, 1.30, 1.8.5, 1.875, 1.875c	12.2.1.2.0 12.2.1.3.0	<p>http://www.gnu.org/licenses/licenses.html</p> <p>The 3rd party software is distributed under GNU GPL license with a special exception for generated code: Here is a text of the exception taken from the generated code: As a special exception, when this file is copied by Bison into a Bison output file, you may use that output file without restriction. This special exception was added by the Free Software Foundation in version 1.24 of Bison.</p>

Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Google	gperftools 2	12.2.1.2.0 12.2.1.3.0	<p>Google - BSD Style Copyright (c) 2005, Google 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> <ul style="list-style-type: none"> • 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 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>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 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Jeff Martin, Tim Bacon	XMLUnit 1.4	12.2.1.2.0 12.2.1.3.0	<p>XMLUnit</p> <p>BSD-style License</p> <p>Copyright (c) 2001-2014, Jeff Martin, Tim Bacon</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"> • 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 <code>xmlunit.sourceforge.net</code> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. <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>For a copy of the license, see XMLUnit</p>

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Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
OpenSSL Project	OpenSSL 1.0.0n	12.2.1.2.0 12.2.1.3.0	<p>The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. Both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL, please contact openssl-core@openssl.org.</p> <p>OpenSSL License</p> <p>Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.</p> <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, 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 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
OASIS	Service Data Object (SDO) 2.1.1	12.2.1.2.0 12.2.1.3.0	<p>The Service Data Objects JavaDoc and Interface Definition files are being provided by the copyright holders under the following license. By using and/or copying this work, you agree that you have read, understood and will comply with the following terms and conditions:</p> <p>Permission to copy, display, make derivative works of and distribute the Service Data Objects JavaDoc and Interface Definition files (the "Artifacts") in any medium without fee or royalty is hereby granted, provided that you include the following on ALL copies of the Artifacts, or portions thereof, that you make:</p> <ol style="list-style-type: none"> 1. A link or URL to the Artifacts at this location: http://www.osoa.org/display/Main/Service+Data+Objects+Specifications 2. The full text of this copyright notice as shown in the Artifacts. <p>THE ARTIFACTS ARE PROVIDED "AS IS" AND THE AUTHORS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THE ARTIFACTS AND THE IMPLEMENTATION OF THEIR CONTENTS, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT OR TITLE.</p> <p>THE AUTHORS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO ANY USE OR DISTRIBUTION OF THE ARTIFACTS.</p> <p>The name and trademarks of the Authors may NOT be used in any manner, including advertising or publicity pertaining to the Service Data Objects Specification or its contents without specific, written prior permission. Title to copyright in the Service Data Objects Specification will at all times remain with the Authors.</p> <p>No other rights are granted by implication, estoppel or otherwise.</p>

Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
Red Hat	Hibernate Validator RI (JSR 303) 4.2	12.2.1.3.0	<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>You may obtain a copy of the License at: http://www.apache.org/licenses/LICENSE-2.0.</p> <p>For a copy of the license, see Apache License Version 2</p>
Regents of the University of California	FLEX: The Fast Lexical Analyzer 2.5.4	12.2.1.2.0 12.2.1.3.0	<p>Copyright (c) 1990 The Regents of the University of California. All rights reserved. This code is derived from software contributed to Berkeley by Vern Paxson. The United States Government has rights in this work pursuant to contract no. DE-AC03-76SF00098 between the United States Department of Energy and the University of California.</p> <p>Redistribution and use in source and binary forms with or without modification are permitted provided that:</p> <ul style="list-style-type: none"> • Source distributions retain this entire copyright notice and comment. • Distributions including binaries display the following acknowledgement: ``This product includes software developed by the University of California, Berkeley and its contributors" in the documentation or other materials provided with the distribution and in all advertising materials mentioning features or use of this software. • 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. <p>THIS SOFTWARE 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>
The Apache Software Foundation	Apache Commons Logging 1.1, 1.1.1	12.2.1.3.0	<p>Copyright © 2003–2007 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2</p>

Table 8-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Essbase

Provider	Component(s)	Release Versions	Licensing Information
The Apache Software Foundation	Apache Commons Logging 1.1, 1.1.1	12.2.1.3.0	Apache Commons CLI Copyright © 2001–2009 The Apache Software Foundation For a copy of the license, see Apache License Version 2

8.17 Oracle Business Intelligence Suite Foundation Edition

Oracle Business Intelligence Suite Foundation Edition provides capabilities for relational online analytical processing (OLAP) and multi-dimensional OLAP, with an integrated suite of business intelligence tools.

Oracle Business Intelligence Suite Foundation Edition includes the following products:

- Oracle Business Intelligence Suite Extended Edition
- Oracle Essbase Plus
- Oracle Scorecard and Strategy Management
- Oracle Business Intelligence Mobile

8.18 Oracle Data Visualization

Oracle Data Visualization allows the exploration of data from multiple sources and uses the grammar of the graphics to render the data using various data visualization techniques.

Oracle Data Visualization includes the following products:

- Oracle Business Intelligence Server Enterprise Edition
- Oracle WebLogic Server Standard Edition
- Oracle Data Visualization Desktop

Restricted use: Use of Oracle Business Intelligence Server Enterprise Edition is restricted to installing Oracle Data Visualization only.

Restricted use: Use of Oracle WebLogic Server Standard Edition is restricted to use with Oracle Data Visualization only. Oracle WebLogic Server Standard Edition clustering is not allowed.

If licensing by processor, each processor license entitles the use of eighty Named User Plus licenses of Oracle Data Visualization Desktop.

8.19 Oracle Exalytics In-Memory Software

The Oracle Exalytics In-Memory Software provides specific features available only on the Exalytics In-Memory Machine.

Restricted use: When the below-listed products are operated on an Oracle Exalytics In-Memory Machine, the features listed below cannot be used unless Oracle Exalytics In-Memory Software is also licensed.

Table 8-6 Products and Features

Product	Feature
Oracle Business Intelligence Administrator	Summary Advisor for Oracle Business Intelligence Server Enterprise Edition The Oracle Exalytics In-Memory Software provides specific features available only on the Exalytics In-Memory Machine. Restricted use: When the below-listed products are operated on an Oracle Exalytics In-Memory Machine, the features listed below cannot be used unless Oracle Exalytics In-Memory Software is also licensed.
Oracle Business Intelligence Server Enterprise Edition	Aggregate Persistence (CREATE AGGREGATES, and DELETE AGGREGATES commands) when run against the TimesTen In-Memory Database for Exalytics
Oracle Business Intelligence Server Enterprise Edition	Exalytics-specific optimizations enabled by "Oracle Hardware acceleration" for Oracle Business Intelligence Server
Oracle Business Intelligence Publisher	Enhanced Bursting within Oracle Business Intelligence Publisher enabled by "Oracle Hardware acceleration"
Oracle Essbase Plus	Exalytics-specific optimizations enabled by "Oracle Hardware acceleration" for Oracle Essbase Plus

When Oracle Exalytics In-Memory Software is licensed by Named User Plus, the minimum license quantity is 20 Named User Plus licenses.

Prerequisite: A license to Business Intelligence Suite Foundation Edition, Business Intelligence Suite Extended Edition, Business Intelligence Foundation Suite for Oracle Applications, or Business Intelligence Suite Extended Edition for Oracle Applications, and Oracle Essbase Plus or Hyperion Planning Plus are a prerequisite to license and use Oracle Exalytics In-Memory Software.

8.20 Oracle Hyperion Interactive Reporting

Oracle Hyperion Interactive Reporting provides query, analysis and the ability to create dashboards against your business data in a relational database.

Oracle Hyperion Business Intelligence Interactive Reporting includes the following products:

- Oracle WebLogic Server Standard Edition
- Oracle Internet Directory

Restricted use: Use of WebLogic Server Standard Edition is restricted to use with Oracle Hyperion Business Intelligence Interactive Reporting only. Oracle WebLogic Server Standard Edition clustering is not allowed.

Restricted use: Use of Oracle Internet Directory is restricted to storing Oracle Hyperion Business Intelligence Interactive Reporting user information.

When Oracle Hyperion Interactive Reporting is licensed by Named User Plus the minimum license quantity is 20 Named User Plus licenses.

When Oracle Hyperion Interactive Reporting is licensed by Processor the minimum license quantity is 4 Processor licenses.

8.21 Oracle Hyperion SQR Production Reporting

Oracle Hyperion SQR Production Reporting provides a programming environment to generate high volume, presentation-quality, formatted reports.

Oracle Hyperion SQR Production Reporting includes the following products:

- Oracle WebLogic Server Standard Edition
- Oracle Internet Directory

Restricted use: Use of WebLogic Server Standard Edition is restricted to use with Oracle Hyperion SQR Production Reporting only. Oracle WebLogic Server Standard Edition clustering is not allowed.

Restricted use: Use of Oracle Internet Directory is restricted to storing Oracle Hyperion SQR Production Reporting user information.

When Oracle Hyperion SQR Production Reporting is licensed by Named User Plus the minimum license quantity is 20 Named User Plus licenses.

When Oracle Hyperion SQR Production Reporting is licensed by Processor the minimum license quantity is 4 Processor licenses.

8.22 Oracle Hyperion Web Analysis

Oracle Hyperion Web Analysis enables query, analysis and reporting against Oracle Essbase Plus.

Oracle Hyperion Web Analysis includes the following products:

- Oracle WebLogic Server Standard Edition
- Oracle Internet Directory

Restricted use: Use of WebLogic Server Standard Edition is restricted to use with Oracle Hyperion Business Intelligence Web Analysis only. Oracle WebLogic Server Standard Edition clustering is not allowed.

Restricted use: Use of Oracle Internet Directory is restricted to storing Oracle Hyperion Business Intelligence Web Analysis user information.

When Oracle Hyperion Web Analysis is licensed by Named User Plus the minimum license quantity is 20 Named User Plus licenses.

When Oracle Hyperion Web Analysis is licensed by Processor the minimum license quantity is 4 Processor licenses.

8.23 Oracle Hyperion Financial Reporting

Oracle Hyperion Financial Reporting includes the following products:

- Oracle WebLogic Server Standard Edition
- Oracle Internet Directory

Restricted use: Use of Oracle WebLogic Server Standard Edition is restricted to use with Oracle Hyperion Financial Reporting only. Oracle WebLogic Server clustering is not allowed.

Restricted use: Use of Oracle Internet Directory is restricted to storing Oracle Hyperion Financial Reporting user information.

When Oracle Hyperion Financial Reporting is licensed by Named User Plus the minimum license quantity is 20 Named User Plus licenses.

When Oracle Hyperion Financial Reporting is licensed by Processor the minimum license quantity is 4 Processor licenses.

8.24 Oracle Endeca Server

Oracle Endeca Server is a search-analytical database. It organizes complex and varied data from disparate source systems into a faceted data model.

Oracle Endeca Server includes the following product:

- Oracle WebLogic Server Standard Edition

Restricted use: Use of Oracle WebLogic Server Standard Edition is restricted to use with Oracle Endeca Server only. Oracle WebLogic Server clustering is not allowed.

8.25 Oracle Endeca Information Discovery Integrator

Oracle Endeca Information Discovery Integrator is an enterprise tool for ingesting data into the Oracle Endeca Server.

Oracle Information Discovery Integrator includes the following product:

- Oracle WebLogic Server Standard Edition

Prerequisite: A license to Oracle Endeca Server is a prerequisite to license and use Oracle Endeca Information Discovery Integrator.

Restricted use: Use of WebLogic Server Standard Edition is restricted to use with Oracle Information Discovery Integrator only. Oracle WebLogic Server Standard Edition clustering is not allowed.

8.26 Oracle Endeca Information Discovery Studio

Oracle Endeca Information Discovery Studio is a web-based application that allows business analysts to assemble dashboard applications. These applications enable analysts and other end users to explore a range of structured and unstructured enterprise data from an Oracle Endeca Server.

Oracle Endeca Information Discovery Studio includes the following product:

- Oracle WebLogic Server Standard Edition

Prerequisite: A license to Oracle Endeca Server and Oracle Endeca Information Discovery Integrator are prerequisites to license and use Oracle Endeca Information Discovery Studio.

Restricted use Use of WebLogic Server Standard Edition is restricted to use with Oracle Endeca Information Discovery Studio only. Oracle WebLogic Server clustering is not allowed.

8.27 Oracle Endeca Text Enrichment

Oracle Endeca Text Enrichment is a text enrichment engine that extracts entities such as people, companies, products, places, email addresses and dates, along with quotes and themes. Oracle Endeca Text Enrichment is language specific and a license to each language specific version must be separately procured.

Prerequisite: A license to Oracle Endeca Server or Oracle Endeca Guided Search is a prerequisite to license and use Oracle Endeca Text Enrichment.

8.28 Oracle Endeca Text Enrichment with Sentiment Analytics

Oracle Endeca Text Enrichment with Sentiment Analytics includes all the capabilities of Oracle Endeca Text Enrichment plus natural language processing to identify sentiment for the extracted entities. Sentiment scores show varying ranges of positivity and negativity in search, guided navigation and analytics. Oracle Endeca Text Enrichment with Sentiment Analytics is language specific and a license to each language specific version must be separately procured.

Prerequisite: A license to Oracle Endeca Server or Oracle Endeca Guided Search is a prerequisite to license and use Oracle Endeca Text Enrichment with Sentiment Analytics.

8.29 Oracle Endeca Web Acquisition Toolkit

Oracle Endeca Web Acquisition Toolkit is a web-based graphical Extraction Transformation and Loading (ETL) tool that allows the Endeca Server to collect content, and add structure to it using only a Uniform Resource Location (URL).

Prerequisite: A license to Oracle Endeca Server is a prerequisite to license and use Oracle Endeca Web Acquisition Toolkit.

8.30 Oracle Database In-Memory for Exalytics

The Oracle Database In-Memory for Exalytics includes the following products:

- Oracle Database Enterprise Edition
- Oracle Database In-Memory Option

Prerequisite: A license to Oracle Business Intelligence Suite Extended Edition or Oracle Business Intelligence Suite Foundation Edition is a prerequisite to license and use Oracle Database In-Memory for Exalytics. When the prerequisite program is licensed by Named User Plus, both user counts must match.

Restricted use: Use of Oracle Database In-Memory for Exalytics is limited to use with the Oracle Exalytics In-Memory Machine. Database data is restricted to the local storage on the Oracle Exalytics In-Memory machine and no other Oracle Database Options can be licensed with Oracle Database In-Memory for Exalytics.

9

Oracle WebCenter

This chapter describes licensing information for Oracle WebCenter products.

It includes the following sections:

- [Oracle WebCenter Suite Plus](#)
- [Oracle WebCenter Universal Content Management](#)
- [Oracle WebCenter Content](#)
- [Oracle WebCenter Portal](#)
- [Oracle WebCenter Imaging](#)
- [Oracle WebCenter Sites](#)
- [Oracle WebCenter Sites Mobile Option](#)
- [Oracle WebCenter Sites for Oracle ATG Web Commerce](#)
- [Oracle WebCenter Adapters](#)
- [Oracle WebCenter Enterprise Capture Standard Edition](#)
- [Oracle WebCenter Enterprise Capture](#)
- [Oracle WebCenter Real-Time Collaboration](#)
- [Oracle Management Pack for Oracle WebCenter](#)
- [Oracle WebCenter Licensing with Oracle Internet Application Server](#)

9.1 Oracle WebCenter Suite Plus

Oracle WebCenter Suite Plus is a product suite for enterprise portals, content management, web experience management, and collaboration.

Oracle WebCenter Suite Plus includes the following:

- [Oracle WebCenter Content](#)
- [Oracle WebCenter Portal](#)
- [Oracle WebCenter Sites](#)
- [Oracle Management Pack for Oracle WebCenter](#)

9.1.1 Oracle WebCenter Content

Oracle WebCenter Content bundles Oracle's solutions for content management, records management, and imaging, providing a solution for customers seeking to implement an enterprise-wide content management system.

Oracle WebCenter Content includes all of the Oracle WebCenter Universal Content Management (See [Oracle WebCenter Universal Content Management](#)) functionality,

all of the Oracle WebCenter Imaging (See [Oracle WebCenter Imaging](#)) functionality, plus the following additional features and restricted use licenses:

- Records Management features: Installation Level: DoD Baseline, Installation Level: DoD Classified, Installation Level: Custom

Restricted Use: A license to Oracle WebCenter Content includes a restricted use license to Oracle SOA Suite for Oracle Middleware. Use of Oracle SOA Suite for Oracle Middleware is restricted to use only the following components included in Oracle SOA Suite for Oracle Middleware: Oracle BPEL Process Manager, Oracle Business Rules, Oracle Business Activity Monitoring, and Oracle Web Services Manager. Use of such components is restricted to modeling, securing, executing and monitoring processes that are initiated from Oracle WebCenter Content components.

Restricted Use: A license to Oracle WebCenter Content includes a restricted use license to Oracle Unified Business Process Management Suite. Use of Oracle Unified Business Process Management Suite is restricted to modeling, executing, and monitoring processes that are initiated from Oracle WebCenter Content components.

Restricted Use: A license to Oracle WebCenter Content includes a restricted use license to Oracle WebLogic Server Enterprise Edition. Use of Oracle WebLogic Server Enterprise Edition is restricted to a host for only Oracle WebCenter Content, including run-time components to provide Java runtime environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.

9.1.2 Oracle WebCenter Portal

Oracle WebCenter Portal provides a solution for customers seeking to implement transactional web sites, enterprise portals, collaborative workspaces, and composite web applications across the enterprise.

Oracle WebCenter Portal includes:

- Oracle WebCenter Portal
- Oracle WebLogic Portal
- Oracle WebCenter Interaction

Prerequisite: A license to Oracle WebLogic Server Enterprise Edition is a prerequisite to license and use Oracle WebCenter Portal.

Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle WebCenter Content. Use of Oracle WebCenter Content is restricted to storing and managing all content that is delivered as part of Oracle WebCenter Portal website, application, or portal.

Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle Secure Enterprise Search. Use of Oracle Secure Enterprise Search is restricted to use with Oracle WebCenter Portal to search and index any content stored in the content repository, as well as any page delivered as part of Oracle WebCenter Portal or application. If a page includes portlets, the information delivered within the portlet can be indexed as part of the search results as well.

Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle SOA Suite. Use of Oracle SOA Suite is restricted to Oracle Web Services Manager (OWSM) and Oracle BPEL Process Manager:

- **Oracle Web Services Manager (OWSM):** Use of OWSM is restricted to securing authentication between Oracle WebCenter Portal components. This includes using OWSM security policies when interacting with Oracle WebCenter web service interfaces. Authoring and management tooling is limited to the capabilities delivered with the base Oracle WebCenter Portal console screens. New policies may be authored with command line and scripting tools only. The use of OWSM is further limited to enforcing message-level security between Oracle WebCenter Portlet Producers and WebCenter Portlet Consumers and securing interactions between Oracle WebCenter Portal components, BPEL Process Manager, and WebCenter Portal Discussions Server.
- **Oracle BPEL Process Manager:** Use of Oracle BPEL Process Manager is restricted to running existing deployed processes and responding to requests that require user input delivered inside of Oracle WebCenter Portal application or portal. However, the ability to define, deploy, and run new BPEL processes is allowed provided that all process endpoints exist entirely within Oracle WebCenter Portal delivered components. The modification of document BPEL processes included with the content repository can also be integrated with existing BPEL processes. The pre-built BPEL portlet and task flows, which enable viewing of a user's worklist items from any combination of backend BPEL servers, is also included.

Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle Access Manager. Use of Oracle Access Manager is restricted to enabling Single-Sign On (SSO) between Oracle WebCenter Portal components. Oracle Access Manager may not be used for: **(a)** Enabling SSO for any custom services, functions, or third party applications, **(b)** Directing Oracle Access Manager SDK calls, or **(c)** Enabling third party directory integration.

Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle Internet Directory (OID) and Oracle Wallet.

- The use of OID is restricted to storing credentials and policies specific to Oracle WebCenter Portal and its delivered components.
- The use of Oracle Wallet is restricted to storing credentials specific to Oracle WebCenter Portal and its delivered components.

Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle WebLogic Communication Services (OWLCS) and Oracle Communications Presence (OCP). Use of OWLCS and OCP is restricted to development and evaluation purposes only. OWLCS can be used to set and display presence information and enable text chat functionality within Oracle WebCenter Portal applications or portals.

9.1.3 Oracle WebCenter Sites

Oracle WebCenter Sites is a comprehensive web content management solution that helps organizations build, deploy, and manage large-scale interactive web sites.

Restricted Use: A license to Oracle WebCenter Sites includes a restricted use license to Oracle WebCenter Content. Use of Oracle WebCenter Content is restricted to managing documents, Web Content (WCM), Digital Assets (DAM), and other content management components for content delivery as part of a web site.

Restricted use: A license to Oracle WebCenter Sites includes a restricted use license to Oracle WebLogic Server Enterprise Edition. Use of Oracle WebLogic Server Enterprise Edition is restricted to running the Oracle WebCenter Sites.

Restricted Use: A license to Oracle WebCenter Sites includes a restricted use license to Oracle Coherence Enterprise Edition. Use of Oracle Coherence Enterprise Edition is restricted to store an asset file locking mechanism only for Oracle WebCenter Sites.

9.1.4 Oracle Management Pack for Oracle WebCenter

This pack delivers comprehensive management for Oracle WebCenter environments and it provides comprehensive modeling for Oracle WebCenter Portal environments, running in Oracle WebLogic Server, as well as the underlying Java EE components.

9.2 Oracle WebCenter Universal Content Management

Oracle WebCenter Universal Content Management provides a unified application for delivering document management, Web Content Management (WCM), Digital Asset Management (DAM), and retention management.

Oracle WebCenter Universal Content Management is included in the Oracle WebCenter Content installer, however, a license to Oracle WebCenter Universal Content Management does not include a license to all of the components included in the installation packages in the Oracle WebCenter Content installer.

Oracle WebCenter Universal Content Management includes the following components:

- Digital Asset Management
- Oracle WebCenter Content Conversion:
 - Inbound Refinery
 - Inbound Refinery Standard Components
- Desktop Integration Suite
- Content Server
- Content Server System Components
- Content Server Standard Components:
 - Document Management
 - Web Content Management
 - Folders
 - Inbound Refinery
 - Integration: BPELIntegration
 - Integration: SESCrawlerExport
 - Integration: IPMRepository
 - Integration: WebCenterConfigure
 - Content Tracker
 - Content Tracker Reports
- Records Management:
 - Installation Level: Minimal
 - Installation Level: Typical

Restricted Use: A license to Oracle Universal Content Management includes a restricted use license to Oracle BPEL Process Manager. Use of Oracle BPEL Process Manager is restricted to creating workflows/processes within Oracle WebCenter Universal Content Management.

Restricted Use: A license to Oracle Universal Content Management includes a restricted use license to Oracle WebLogic Server Enterprise Edition. Use of Oracle WebLogic Server Enterprise Edition is restricted to use as a host for only Oracle WebCenter Universal Content Management, including run-time components to provide Java runtime environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.

Restricted Use: A license to Oracle Universal Content Management includes a restricted use license to Oracle Secure Enterprise Search. Use of Oracle Secure Enterprise Search is restricted to installation and running on the same processor(s) that runs the content management repository and may be used to index and search the local instance of the content management repository. Federation to external servers or other data resources is not permitted.

Restricted Use: A license to Oracle Universal Content Management includes a restricted use license to Oracle Outside In Technology. Use of Oracle Outside In Technology is restricted to using program libraries that can only be accessed,

(i) From Oracle WebCenter Universal Content Management — either using standard Oracle WebCenter Universal Content Management features or using custom components running on Oracle WebCenter Universal Content Management, or

(ii) From Oracle WebCenter Content Conversion — either using standard Oracle WebCenter Content Conversion features or using custom components running on Oracle WebCenter Content Conversion.

Outside In libraries cannot be accessed directly from any other application under this license.

Restricted Use: Java SE is included with Oracle Universal Content Management and is intended only for use in conjunction with running Oracle Universal Content Management applications. If you use Java SE in any other way or if you use a different version of Java SE than that provided with Oracle Universal Content Management, your use of Java SE is subject to the terms set forth at: <http://www.oracle.com/technetwork/java/javase/terms/license>.

9.3 Oracle WebCenter Content

Oracle WebCenter Content bundles Oracle's solutions for content management, records management, and imaging, providing a solution for customers seeking to implement an enterprise-wide content management system.

Oracle WebCenter Content includes all of the Oracle WebCenter Universal Content Management (See [Oracle WebCenter Universal Content Management](#)) functionality, all of the Oracle WebCenter Imaging (See [Oracle WebCenter Imaging](#)) functionality, plus the following additional features and restricted use licenses:

- Records Management features: Installation Level: DoD Baseline, Installation Level: DoD Classified, Installation Level: Custom

Restricted Use: A license to Oracle WebCenter Content includes a restricted use license to Oracle SOA Suite for Oracle Middleware. Use of Oracle SOA Suite for Oracle Middleware is restricted to use only the following components included in Oracle SOA Suite for Oracle Middleware: Oracle BPEL Process Manager, Oracle Business Rules, Oracle Business Activity Monitoring, and Oracle Web Services Manager. Use of such components is restricted to modeling, securing, executing and monitoring processes that are initiated from Oracle WebCenter Content components.

Restricted Use: A license to Oracle WebCenter Content includes a restricted use license to Oracle Unified Business Process Management Suite. Use of Oracle Unified Business Process Management Suite is restricted to modeling, executing, and monitoring processes that are initiated from Oracle WebCenter Content components.

Restricted Use: A license to Oracle WebCenter Content includes a restricted use license to Oracle WebLogic Server Enterprise Edition. Use of Oracle WebLogic Server Enterprise Edition is restricted to a host for only Oracle WebCenter Content, including run-time components to provide Java runtime environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.

- [Third-Party Products and Details for Oracle WebCenter Content](#)

9.3.1 Third-Party Products and Details for Oracle WebCenter Content

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle WebCenter Content, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle WebCenter Content with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle WebCenter Content are identified in the following table, 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 following release versions are associated with the third-party products in Oracle WebCenter Content:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle WebCenter Content.

Table 9-1 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle WebCenter Content

Provider	Component(s)	Release Versions	Licensing Information
Apache	Ant 1.6.2, 1.7, 1.7.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Jexl (commons-jexl.jar) 1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	ant.jar 1.6.5	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Ant 1.7.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache Commons Net	Apache Commons Net FTP 1.4.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Jakarta Commons 2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons HttpClient 4.1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Jelly 1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache POI 3.0.1, 3.0, 2.5.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.2, 1.3, 1.5	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Jakarta Commons HttpClient 3.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Felix 3.2.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	1.2.8, 1.2.13, 1.2.15, 1.3	11.1.1.9.0	Apache log4j Copyright © 2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
Apache	Log4J1.2.8, 1.2.13, 1.2.5, 1.2.15, 1.3, 1.2.16	12.2.1.2.0 12.2.1.3.0	Apache log4j Copyright © 2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Commons-Collections 3.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta - commons-lang.jar	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta ORO 2.0.8, 2.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	Jakarta ORO Copyright © 2000–2002 The Apache Software Foundation All rights reserved. Licensed under the Apache 1.1 License Agreement. For a copy of the license, see Apache License Version 1 .
Apache	Maven 2.0, 2.2.1	11.1.1.9.0	Apache Maven Copyright © 2001–2011 The Apache Software Foundation This product includes software (Plexus and Classworlds) developed by The Codehaus Foundation (http://www.codehaus.org/). This product includes software (Aether, Sisu, Spice, Plexus Ciper and Sec Dispatcher) developed by Sonatype Inc. (http://www.sonatype.org/). This product includes software (NekoHTML) developed by SourceForge (http://www.sourceforge.net/). This product includes software (Guice) developed by Google Code (http://code.google.com/). For a copy of the license, see Apache License Version 2 .
Apache	Xalan 2.0, 2.2, 2.3, 2.7	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Maven 3.0.3, 3.0.4, 3.0.5	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Tomcat 5.5	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

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Apache	Trinidad	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
BCGSoft	BCGControlBar Library Professional Edition	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy, of the license see BCGControlBar Pro for MFC License Agreement
Boost Software	Boost C++ Libraries 1.36.0, 1.37.0, 1.42.0	11.1.1.9.0	From http://www.boost.org/LICENSE_1_0.txt Boost Software License - Version 1.0 - August 17th, 2003 Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following: The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor. 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, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Apache	cglib 2.1.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Spring Framework	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
CPAN	Perl Interpreter 5.8.8, 5.10.0	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .

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Christian Hammond and David Trowbridge	Review Board 1.6.3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>URL for License and Copyright: https://searchcode.com/codesearch/view/20463885/</p> <p>Copyright (c) 2007 Christian Hammond Copyright (c) 2007 David Trowbridge</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 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>
CxxTest	CxxTest (cxxtest.tigris.org)	11.1.1.9.0	For a copy of the license, see GNU LGPL (LESSER GENERAL PUBLIC LICENSE) v.3.0

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Crypto++	Crypto++ 5.4	11.1.1.9.0	<p>Copyright (c) 1995-2006 by Wei Dai. All rights reserved. This copyright applies only to this software distribution package as a compilation, and does not imply a copyright on any particular file in the package.</p> <p>The following files are copyrighted by their respective original authors, and their use is subject to additional licenses included in these files.</p> <p>mars.cpp - Copyright 1998 Brian Gladman.</p> <p>All other files in this compilation are placed in the public domain by Wei Dai and other contributors.</p> <p>Permission to use, copy, modify, and distribute this compilation for any purpose, including commercial applications, is hereby granted without fee, subject to the following restrictions:</p> <ol style="list-style-type: none"> 1. Any copy or modification of this compilation in any form, except in object code form as part of an application software, must include the above copyright notice and this license. 2. Users of this software agree that any modification or extension they provide to Wei Dai will be considered public domain and not copyrighted unless it includes an explicit copyright notice. 3. Wei Dai makes no warranty or representation that the operation of the software in this compilation will be error-free, and Wei Dai is under no obligation to provide any services, by way of maintenance, update, or otherwise. THE SOFTWARE AND ANY DOCUMENTATION ARE PROVIDED "AS IS" WITHOUT EXPRESS OR IMPLIED WARRANTY INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL WEI DAI OR ANY OTHER CONTRIBUTOR BE LIABLE FOR DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. 4. Users will not use Wei Dai or any other contributor's name in any publicity or

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Provider	Component(s))	Release Versions	Licensing Information
			<p>advertising, without prior written consent in each case.</p> <ol style="list-style-type: none"> <li>5. Export of this software from the United States may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting. <li>6. Certain parts of this software may be protected by patents. It is the users' responsibility to obtain the appropriate licenses before using those parts. <li>7. If this compilation is used in object code form in an application software, acknowledgement of the author is not required but would be appreciated. The contribution of any useful modifications or extensions to Wei Dai is not required but would also be appreciated.

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Dmitry Streblechenko	Outlook Redemption 4.7.0.1026	11.1.1.9.0	<p>By downloading and installing this software you agree to the following terms and conditions:</p> <p>The version of Redemption available from http://www.dimastr.com/redemption/download.htm is licensed for the development purposes only. It cannot be used with any commercial software. If you plan to include Redemption with a commercial product, you must purchase a distributable version which you can then use for any and all of your products.</p> <p>You only need to buy a single license, no matter how many of your products use Redemption or how many copies of your application you distribute.</p> <p>Restriction: Distributable version of Outlook Redemption cannot be used in open source projects.</p> <p>LIMITATION OF LIABILITY: TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL THE CREATOR OF THIS SOFTWARE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF OR INABILITY TO USE THE SOFTWARE PRODUCT OR THE FAILURE TO PROVIDE SUPPORT SERVICES.</p>
EasyMock	EasyMock 2.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
EviWare AG	SoapUI 2.0.2	11.1.1.9.0	For a copy of the license, see http://soapui.org/license.html
Frederico Caldiera Knabben (FredCK.com)	FCKeditor 2.3.2, 2.6, 2.6.x	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	Google Guava 18	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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HSQL Development Group	HSQLDB 1.8.0.7	11.1.1.9.0	<p>HTTP://HSQLDB.ORG/WEB/HSQLLICENSE.HTML</p> <p>Copyright (c) 2001-2010, The HSQL Development Group</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>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,</p> <p>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) 1995-2000 by the Hypersonic SQL Group.</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>

Table 9-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle WebCenter Content

Provider	Component(s))	Release Versions	Licensing Information
IBM	Lotus C API Toolkit for Notes/Domino Multiplatform English 5.x, 6.5	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p> <p>Neither the name of the Hypersonic SQL Group 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 HYPERSONIC SQL GROUP, 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>For a copy of the license, see Apache License Version 2.</p>

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Provider	Component(s)	Release Versions	Licensing Information
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JUnit	JUnit 3.8, 3.8.1, 4.5	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0 .
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Open Source	TWAIN 2.1	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	For a copy of the license, see The TWAIN License .
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9.4 Oracle WebCenter Portal

Oracle WebCenter Portal provides a solution for customers seeking to implement transactional web sites, enterprise portals, collaborative workspaces, and composite web applications across the enterprise.

Oracle WebCenter Portal includes:

- Oracle WebCenter Portal
- Oracle WebLogic Portal
- Oracle WebCenter Interaction

Prerequisite: A license to Oracle WebLogic Server Enterprise Edition is a prerequisite to license and use Oracle WebCenter Portal.

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Restricted Use: A license to Oracle WebCenter Portal includes a restricted use license to Oracle SOA Suite. Use of Oracle SOA Suite is restricted to Oracle Web Services Manager (OWSM) and Oracle BPEL Process Manager:

- **Oracle Web Services Manager (OWSM):** Use of OWSM is restricted to securing authentication between Oracle WebCenter Portal components. This includes using OWSM security policies when interacting with Oracle WebCenter web service interfaces. Authoring and management tooling is limited to the capabilities delivered with the base Oracle WebCenter Portal console screens. New policies may be authored with command line and scripting tools only. The use of OWSM is further limited to enforcing message-level security between Oracle WebCenter Portlet Producers and WebCenter Portlet Consumers and securing interactions between Oracle WebCenter Portal components, BPEL Process Manager, and WebCenter Portal Discussions Server.
- **Oracle BPEL Process Manager:** Use of Oracle BPEL Process Manager is restricted to running existing deployed processes and responding to requests that require user input delivered inside of Oracle WebCenter Portal application or portal. However, the ability to define, deploy, and run new BPEL processes is allowed provided that all process endpoints exist entirely within Oracle WebCenter Portal delivered components. The modification of document BPEL processes included with the content repository can also be integrated with existing BPEL processes. The pre-built BPEL portlet and task flows, which enable viewing of a user's worklist items from any combination of backend BPEL servers, is also included.

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- [Third-Party Products and Details for Oracle WebCenter Portal](#)
- [Third-Party Products and Details for Oracle Webservices Manager](#)

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- 12.2.1.2.0
- 12.2.1.3.0

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Apache	Commons-Collections 3.2.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-beanutils.jar 1.6	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Apache	Log4Net 1.2.10x	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
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Shay Banon and ElasticSearch	ElasticSearch 5.1.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Commons-Beanutils 1.9.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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The Apache Software Foundation	Commons Collections 3.2.1	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	commons-discovery-0.2.jar	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 1 .
The Apache Software Foundation	HttpCore 4.1.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Three D Graphics	Presentation Graphics SDK for Win, Mac, and Java; Perspective for Java; Perspective Chart Editor	11.1.1.9.0	<p>Three D Graphics, Inc. 1801 Ave of the Stars, Suite 600, Los Angeles, CA 90067, Phone: (310) 553-3313</p> <p>This software is the confidential and proprietary information of Three D Graphics, Inc. ("Confidential Information"). You shall not disclose such Confidential Information and shall use it only in accordance with the terms of the license agreement you entered into with Three D Graphics.</p> <p>THREE D GRAPHICS MAKES NO REPRESENTATIONS OR WARRANTIES ABOUT THE SUITABILITY OF THE SOFTWARE, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. THREE D GRAPHICS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES</p>

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World Wide Web Consortium	JTidy 7	11.1.1.9.0	For a copy of the license, see JTidy 7 License .
World Wide Web Consortium	JTidy 8.0 SNAPSHOT	11.1.1.9.0 12.2.1.2.0	For a copy of the license, see JTidy 8 SNAPSHOT License .
World Wide Web Consortium	JTidy r938	12.2.1.3.0	For a copy of the license, see JTidy 7 License

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- 12.2.1.3.0

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Apache	ant-contrib 1.0b3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	Ant-Contrib Copyright © 2001–2003 Ant-Contrib project All rights reserved. Licensed under the Apache 1.1 License Agreement. The name Ant-Contrib must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: ant-contribdevelopers@lists.sourceforge.net. For a copy of the license, see Apache License Version 1.1 .

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EasyMock	EasyMock 2.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
EasyMock	EasyMock 3.1	12.2.1.2.0 12.2.1.3.0	Copyright © 2001–2007 OFFIS, Tammo Freese 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.
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JUnit	JUnit 4.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0
Liberty Alliance	OpenAz 1, 1.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Russell Gold	HTTPUnit 1.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see HTTPUnit 17 License
Toby Reyelts, Xavier Le Vouch	RetroWeaver 2.0.7	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2008, Toby Reyelts, Xavier Le Vouch All rights reserved. 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.

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- 12.2.1.3.0

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ANTLR	ANTLR 4.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see ANTLR License .
ANTLR	Antlr 2.7.2, 2.7.3, 2.7.5, 2.7.7	12.2.1.2.0	For a copy of the license, see Antlr License .

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Apache	Felix 4.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	XWork 2.3.16.3	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Codec 1.6	12.2.1.2.0 12.2.1.3.0	Apache Commons Codec Copyright © 2002–2011 The Apache Software Foundation src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from: http://aspell.sourceforge.net/test/batch0.tab . Copyright © 2002 Kevin Atkinson (kevina@gnu.org). Verbatim copying and distribution of this entire article is permitted in any medium, provided this notice is preserved. For a copy of the license, see Apache License Version 2 .

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Apache	Apache Commons Jexl (commons-jexl.jar) 2.1.1, 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpCore 4.3.3	12.2.1.2.0 12.2.1.3.0	<p>Apache HttpComponents Core</p> <p>Copyright 2005-2013 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>This project contains annotations derived from JCIP-ANNOTATIONS Copyright (c) 2005 Brian Goetz and Tim Peierls. See http://www.jcip.net</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	fontbox 1.6.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	jempbox 1.6.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	JAMES Mime4j 0.5	12.2.1.2.0 12.2.1.3.0	<p>Apache JAMES Mime4j</p> <p>Copyright 2004-2008 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	HTTP Client 4.3.6	12.2.1.2.0 12.2.1.3.0	<p>Apache HttpClient</p> <p>Copyright 1999-2013 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Apache HttpComponents HttpClient 4.0.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Apache	Apache XMLBeans 2.3, 2.5	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	ant 1.9.6	12.2.1.2.0 12.2.1.3.0	Apache Ant Copyright 1999-2015 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). The <sync> task is based on code Copyright (c) 2002, Landmark Graphics Corp that has been kindly donated to the Apache Software Foundation. For a copy of the license, see Apache License Version 2 .
Apache	Curator 2.7.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons CLI 1.2	12.2.1.2.0 12.2.1.3.0	Apache Commons CLI Copyright © 2001–2009 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	cglib (Code Generation Library) 2.1_03	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-lang3 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons-Collections 3.2.1, 3.2.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons-httpclient 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Compress 1.4.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Apache	Tika 0.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Digester 1.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons File Upload 1.3, 1.3.1		For a copy of the license, see Apache License Version 1 .
Apache	Commons HttpClient 4.3.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons IO 2.0.1, 2.4	12.2.1.2.0 12.2.1.3.0	Copyright © 2002–2010 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Commons Lang 2.6	12.2.1.2.0 12.2.1.3.0	Apache Commons Lang Copyright © 2001–2011 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Commons Logging 1.1.3	12.2.1.2.0 12.2.1.3.0	Apache Commons Logging Copyright © 2003–2013 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Woodstox XML Processor 4.2.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Net 3.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons FileUpload 1.3.1, 1.3.2	12.2.1.2.0 12.2.1.3.0	Apache Commons FileUpload Copyright © 2002–2008 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Commons FileUpload 1.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Validator 1.0.2, 1.1.4	12.2.1.2.0	Copyright © 2001–2006 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .

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Apache	HttpComponents Core 4.4.6	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Batik 1.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Tomcat 7.0.65, 7.0.46, 7.0.32, 7.0.42	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	xmlgraphics-commons 1.4	12.2.1.2.0 12.2.1.3.0	Apache XML Graphics Commons Copyright 2006-2008 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
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Codehaus	Jackson 2.5.4, 2.3.2, 2.2.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	jakarta-commons-lang 2.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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Apache	Jakarta ORO 2.0.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 1 .
Shigeru Chiba	javassist 3.18.0-GA, 3.18.1-GA	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
JASIG	person-directory 1.5.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
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JBoss	jboss-logging-spi.jar 2.0.5.GA	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see jboss License .
JDOM	JDOM 0.9, 1.0	12.2.1.2.0	<p>Copyright © 2001 Jason Hunter & Brett McLaughlin</p> <p>All rights reserved.</p> <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 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.</p>
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Dojo	Dojo 1.9.1	12.2.1.2.0 12.2.1.3.0	<p>You may:</p> <ul style="list-style-type: none"> • Freely use Dojo to build applications and services • Distribute Dojo as a part of commercial products • Modify Dojo, make extensions to the toolkit, and produce your own add-on components with no requirement that you give your code away or contribute it back to the project <p>Just to re-iterate, you can build commercial software with Dojo without obtaining a separate license or incurring any other obligations.</p> <p>Dojo is available under either the terms of the New BSD License/Modified BSD License (3-clause) (BSD) or the Academic Free License version 2.1. Both licenses grant you broad rights to use and build on and with Dojo in both Open Source and commercial settings.</p> <p>Dojo is available under *either* the terms of the modified BSD license *or* 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 or BSD licenses that Dojo is distributed under.</p> <p>For a copy of the license, see The "New" BSD License</p> <p>For a copy of the license, see The Academic Free License, v. 2.1:</p>
The Netty Project	netty 3.7.0.Final	12.2.1.2.0	<p>The Netty Project</p> <p>Please visit the Netty web site for more information: http://netty.io/</p> <p>Copyright © 2011 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.</p> <p>For a copy of the license, see Apache License Version 2.</p>
Mozilla	Netscape LDAP 3.1	12.2.1.2.0	<p>For a copy of the license, see Netscape LDAP License</p>

Table 9-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle WebCenter Sites

Provider	Component(s)	Release Versions	Licensing Information
Open Web Application Security Project (OWASP)	OWASP Java HTML Sanitizer r209	12.2.1.2.0	For a copy of the license, see OWASP Java HTML Sanitizer License .
ThoughWorks	PARAMER 2.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see PARAMER License .
Open Source	Perf4J 0.9.16	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
OpenSymphony	ognl 3.0.6	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
PDFBox	PDFBox 2.0.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	Protocol Buffers (aka Google Protobuf) 2.5.0	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Protocol Buffers (aka Google protobuf) License .
Terracotta, Inc.	Quartz 1.6.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Unknown	relaxngDatatype.jar	12.2.1.2.0	For a copy of the license, see relaxngDatatype.jar License .

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Provider	Component(s)	Release Versions	Licensing Information
Ecole Polytechnique Federale de Lausanne (EPFL)	Scala 2.10.4	12.2.1.2.0 12.2.1.3.0	Copyright © 2002–2013 EPFL Copyright © 2011–2013 Typesafe, Inc. All rights reserved. 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.

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Provider	Component(s)	Release Versions	Licensing Information
Prototype Core Team	Prototype JS Library 1.7	12.2.1.2.0 12.2.1.3.0	<p>Copyright (c) 2005-2010 Sam Stephenson. https://opensource.org/licenses/ISC</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>
			<div style="border: 1px solid #0070C0; padding: 5px; margin: 10px 0;"> <p> Note:</p> <p>The component has NO 4th party components.</p> </div>
QOS.ch	Simple Logging Facade for Java (SLF4J) 1.7.7, 1.7.12, 1.7.5, 1.6.1	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2004–2013 QOS.ch</p> <p>All rights reserved.</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 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>

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Provider	Component(s)	Release Versions	Licensing Information
QOS.ch	slf4j-api 1.7.7	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2013 QOS.ch (http://www.slf4j.org/license.html) All rights reserved. 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 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.
Rutgers, the State University of New Jersey	inspektr 1.0.7.GA	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
SLF4J	SLF4J 1.6.1, 1.7.5	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2013 QOS.ch (http://www.slf4j.org/license.html) All rights reserved. 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 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.

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Provider	Component(s)	Release Versions	Licensing Information
SWFUpload	SWFUpload 2.2.0.1	12.2.1.2.0	<p>SWFUpload License: SWFUpload: http://www.swfupload.org, http://swfupload.googlecode.com mmSWFUpload 1.0: Flash upload dialog - http://profandesign.se/swfupload/, http://www.vinterwebb.se/</p> <p>SWFUpload is (c) 2006-2007 Lars Huring, Olov Nilzén and Mammon Media and is released under the MIT License: http://www.opensource.org/licenses/mit-license.php</p> <p>SWFUpload 2 is (c) 2007-2008 Jake Roberts and is released under the MIT License: http://www.opensource.org/licenses/mit-license.php</p> <p>SWFObject License SWFObject v2.0 rc4 <http://code.google.com/p/swfobject/> Copyright (c) 2007 Geoff Stearns, Michael Williams, and Bobby van der Sluis This software is released under the MIT License <http://www.opensource.org/licenses/mit-license.php></p>
SpringSource	Spring 3.2.8	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
SpringSource	Spring Framework 4.3.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
SpringSource	Spring Framework 3.2.6	12.2.1.2.0	<p>Spring Framework 3.2.0. RELEASE Copyright © 2002–2012 SpringSource, a division of VMware, 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. 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 <code>license.txt</code> file.</p> <p>For a copy of the license, see Apache License Version 2.</p>

Table 9-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle WebCenter Sites

Provider	Component(s)	Release Versions	Licensing Information
SpringSource	Spring Framework 3.1.3, 2.3.2, 3.2.0	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2008 Rod Johnson, Juergen Hoeller, Alef Arendsen, Colin Sampaleanu, Rob Harrop, Thomas Risberg, Darren Davison, Dmitriy Kopylenko, Mark Pollack, Thierry Templier, Erwin Vervaet, Portia Tung, Ben Hale, Adrian Colyer, John Lewis, Costin Leau, Mark Fisher, Sam Brannen, Ramnivas Laddad, Arjen Poutsma. For a copy of the license, see Apache License Version 2 .
TagSoup	tagsoup-1.2.1.jar 1.2.1	12.2.1.2.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	sslex 1.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 1 .
Woodstox	Stax2 API 3.1.4	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Stax2 API License .
Open Source	Twitter Bootstrap 3.0.3	12.2.1.2.0 12.2.1.3.0	Designed and built with all the love in the world @twitter by @mdo and @fat. For a copy of the license, see Apache License Version 2 .
Red Hat, Inc., JBoss community	validation-api 1.1.0.Final	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Velocity 1.7	12.2.1.2.0 12.2.1.3.0	Apache Velocity Copyright © 2000–2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	velocity-tools 2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Woodstox 4.2.0		For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	xml-apis.jar 1.4.01	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see xmllapisjar License .

Table 9-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle WebCenter Sites

Provider	Component(s)	Release Versions	Licensing Information
The Apache Software Foundation	Zookeeper 3.4.6	12.2.1.2.0 12.2.1.3.0	<p>Apache ZooKeeper</p> <p>Copyright © 2009 The Apache Software Foundation</p> <p>This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>For a copy of the license, see Apache License Version 2.</p>
Terracota	Quartz Job Scheduler 2.2.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
VMware	Spring Framework 3.1.3, 2.5.6.SEC03	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
xmlpull.org	xmlpull 1.1.3.1	12.2.1.2.0 12.2.1.3.0	<p>XMLPULL API IS FREE</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 - Stefan Haustein, Aleksander Slominski</p>
Yusuke Yamamoto	Twitter4j 3.0.3	12.2.1.2.0 12.2.1.3.0	<p>For a copy of the license, see xmlpull 1.1.3.1</p> <p>For a copy of the license, see Apache License Version 2.</p>

 **Note:**

The OS component with same version is licensed under Public domain (Oracle and Datalogix acquisitions) and Indiana University Extreme! Lab Software License (Micros acquisition).

9.7 Oracle WebCenter Sites Mobile Option

If licensing by Named User Plus, the number of licenses to Oracle WebCenter Sites Mobile Option must match the number of licenses to the associated Oracle WebCenter application server.

If licensing by Processor, the number of licenses to Oracle WebCenter Sites Options must match the number of licenses to the associated Oracle WebCenter application server.

An associated application server is defined as the application server(s) which is (are) being managed by the licensed WebCenter Sites Mobile Option.

9.8 Oracle WebCenter Sites for Oracle ATG Web Commerce

Oracle WebCenter Sites for Oracle ATG Web Commerce is a comprehensive web content management solution that helps organizations to build, deploy, and manage, large-scale interactive web sites with Oracle ATG Web Commerce.

Restricted Use: Use of Oracle WebCenter Sites for Oracle ATG Web Commerce is restricted to serving content to ATG Web Commerce, either by delivering it to ATG Web Commerce or by delivering it directly to the end user browser, and serving content to websites that are also being served by ATG Web Commerce under a common fully qualified domain name.

Restricted use: A license to Oracle WebCenter Sites for Oracle ATG Web Commerce includes a restricted use license to Oracle WebLogic Server Enterprise Edition. Use of Oracle WebLogic Server Enterprise Edition is restricted to running the Oracle WebCenter Sites for Oracle ATG Web Commerce.

Restricted Use: A license to Oracle WebCenter Sites for Oracle ATG Web Commerce includes a restricted use license to Oracle Coherence Enterprise Edition. Use of Oracle Coherence Enterprise Edition is restricted to storing an asset file locking mechanism only for Oracle WebCenter Sites for Oracle ATG Web Commerce.

9.9 Oracle WebCenter Adapters

This section covers licensing details for Oracle WebCenter Adapters. All Adapters in [Table 9-5](#) are licensed separately:

Table 9-5 Oracle WebCenter Product Family Adapters

Oracle Product	Available Adapters
Oracle WebCenter Adapter Framework	<ul style="list-style-type: none"> • Enterprise Application Adapter Framework • File System • Java • Microsoft .NET
Oracle WebCenter Applications Adapter	<ul style="list-style-type: none"> • E-Business Suite • PeopleSoft • Siebel

9.10 Oracle WebCenter Enterprise Capture Standard Edition

Oracle WebCenter Enterprise Capture Standard Edition includes the following functionality:

- Capture Client
- Import Processor
- Document Conversion Processor
- Recognition Processor
- Commit Processor
- Enterprise Manager Capture Plug-in

Restricted Use: A license to Oracle WebCenter Enterprise Capture Standard Edition includes a restricted-use license to WebLogic Server Standard Edition (WLS SE). Use of WLS SE is restricted to hosting Java application logic that is distributed as part of the Oracle WebCenter Enterprise Capture Standard Edition. Any modifications implemented as Java programs, which include Java programs that produce HTML interfaces or Java business logic, are not permitted.

Restricted Use: Use of Oracle WebCenter Enterprise Capture Standard Edition is restricted to deploying and managing individual, non-clustered instances regardless of whether it is deployed to a WebLogic Server Enterprise Edition or WebLogic Suite instead of WLS SE.

9.11 Oracle WebCenter Enterprise Capture

Oracle WebCenter Enterprise Capture includes all of the Oracle WebCenter Enterprise Capture Standard Edition functionality, plus the following:

- High Availability
- Clustering Support

Prerequisite: A license to WebLogic Server Enterprise Edition or WebLogic Suite is a prerequisite to using the following Oracle WebCenter Enterprise Capture features:

- Load balancing
- Application failover
- Cluster management and administration

Restricted Use: A license to Oracle WebCenter Enterprise Capture includes a restricted-use license to WebLogic Server Standard Edition (WLS SE). Use of WLS SE is restricted to hosting Java application logic that is distributed as part of the Oracle WebCenter Enterprise Capture. Any modifications implemented as Java programs, which include Java programs that produce HTML interfaces or Java business logic, are not permitted.

9.12 Oracle WebCenter Real-Time Collaboration

Oracle WebCenter Real-Time Collaboration enables users to connect and collaborate with others via web and voice conferencing, instant messaging, presence, and chat rooms. It complements other services available in Oracle WebCenter by connecting users who require direct interaction and immediate response.

9.13 Oracle Management Pack for Oracle WebCenter

This pack delivers comprehensive management for Oracle WebCenter environments and it provides comprehensive modeling for Oracle WebCenter Portal environments, running in Oracle WebLogic Server, as well as the underlying Java EE components.

9.14 Oracle WebCenter Licensing with Oracle Internet Application Server

Customers that have a valid license for Oracle Internet Application Server as a prerequisite for Oracle WebCenter Services (no longer available for new licenses) or Oracle WebCenter Portal have the right to use Oracle WebLogic Server Basic to run Oracle WebCenter Services and Oracle WebCenter Portal as part of their existing Oracle Internet Application Server Standard Edition or Enterprise Edition license.

This does not include the right to run Oracle WebLogic Portal, Oracle WebCenter Interaction, Oracle WebCenter Collaboration, Oracle WebCenter Ensemble, Oracle WebCenter Analytics, Oracle WebCenter Console for Microsoft SharePoint, and Oracle WebCenter Application Accelerator for .NET, on Oracle WebLogic Server Basic; a separate Oracle WebLogic Server license is required to run those components.

10

Oracle Identity and Access Management Independent License Offerings

This chapter describes the separately licensed Oracle Identity and Access Management independent license offerings.

You may not use the options, packs, or products described below without separately purchased licenses. The fact that these options, packs, or products may be included in product CDs or downloads or described in documentation that you receive does not authorize you to use them without purchasing the appropriate licenses.

See [Oracle Database License Requirements](#) for important license requirements regarding the use of Oracle Database with the products described in this chapter.

The following products and sections describe the Oracle Identity and Access Management products and product families, that can be separately licensed, independent of the packaged Oracle Application Server or WebLogic editions.

This chapter contains the following sections:

- [Oracle Enterprise Identity Services Suite](#)
- [Oracle Identity Governance Suite](#)
- [Oracle Entitlements Server](#)
- [Oracle Entitlements Server Security Module](#)
- [Oracle Directory Services Plus](#)
- [Oracle Access Manager](#)
- [Oracle Identity Federation](#)
- [Oracle Identity Manager](#)
- [Oracle Identity Manager Connectors](#)
- [Oracle Identity Manager Connectors Pack](#)
- [Oracle Enterprise Single Sign-On Suite Plus](#)
- [Oracle Access Management Suite Plus](#)
- [Oracle Identity and Access Management Suite Plus](#)
- [Oracle Management Pack Plus for Identity Management](#)
- [Oracle Database License Requirements](#)

10.1 Oracle Enterprise Identity Services Suite

Oracle Enterprise Identity Services Suite can be separately licensed, independent of any Oracle Application Server or WebLogic edition. It includes:

- [Oracle Access Management Suite Plus](#)

- [Oracle Directory Services Plus](#)
- [Oracle Identity Governance Suite](#)

10.2 Oracle Identity Governance Suite

Oracle Identity Governance Suite can be separately licensed, independent of any Oracle Application Server or WebLogic edition. It includes:

- Oracle Identity Analytics (includes Identity Auditor) (*)
- Oracle Identity Manager
 - Self Service
 - Compliance (Identity Certification, Reports, and Identity Audit)
 - Manage
- Oracle Privileged Account Manager (*)
- Oracle Identity Manager Connector for Database User Management, Oracle Identity Manager Connectors for Microsoft Active Directory, Oracle Identity Manager Connector for Microsoft Windows, Oracle Identity Manager Connector for Microsoft Exchange, Oracle Identity Manager Connector for Novell eDirectory, Oracle Identity Manager Connector for Oracle Internet Directory, Oracle Identity Manager Connector for Sun Java System Directory, Oracle Identity Manager Connector for Oracle Directory Server Enterprise Edition, Oracle Identity Manager Connector for Oracle Unified Directory, Oracle Identity Manager Connector for Web Services, and Oracle Identity Manager Connector for UNIX

(*) These components are not available as 12c release. For further information regarding support timeline, please see: <http://www.oracle.com/us/support/library/lifetime-support-middleware-069163.pdf>

The following restricted-use licenses are included when you separately license Oracle Identity Governance Suite:

- Restricted Use: Oracle Internet Application Server Enterprise Edition or WebLogic Enterprise Edition as host for only all components licensed under Identity Governance Suite, including run-time components to provide Java runtime environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.
- Restricted Use: Business Intelligence Publisher to publish and/or view:
 1. Shipped BI Publisher reports. Layout changes are allowed, AND
 2. Shipped or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
- Restricted Use: BPEL Process Manager for creating workflows where Identity Analytics is one of the endpoints. Note: Oracle BPEL Process Manager bundles UDDI client libraries from the HP SOA Systinet Registry. Such libraries and UDDI client functionality are licensed only to the end user for the purpose of connecting to and communicating with the Oracle Service Registry.
- A license to Oracle Identity Governance Suite (IGS) includes a restricted-use license to Oracle Advanced Security (OAS), with OAS restricted to its Transparent Data Encryption component used solely for encrypting passwords for the Oracle Privileged Account Manager component of IGS. OAS is separately installed as a

component of Oracle Database Enterprise Edition (DB EE). You have no further rights to use OAS or DB EE unless you have separately licensed those products.

- The Oracle Identity Manager component in Oracle Identity Governance Suite includes unrestricted use of Oracle Identity Connector Server. Processors where this software is installed are covered under license for Connectors and are not counted towards Oracle Identity Governance processor counts.
- [Third-Party Products and Details for Oracle Privileged Account Manager](#)

10.2.1 Third-Party Products and Details for Oracle Privileged Account Manager

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Privileged Account Manager, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in Oracle Privileged Account Manager with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in Oracle Privileged Account Manager are identified in the following table, 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 following release versions are associated with the third-party products in Oracle Privileged Account Manager:

- 11.1.2.3.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in Oracle Privileged Account Manager.

Table 10-1 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Privileged Account Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	Commons Lang 3.3.2	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .

Table 10-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Privileged Account Manager

Provider	Component(s)	Release Versions	Licensing Information
j-interop.org	j-interop 3	11.1.2.3.0	<p>This library is distributed under the Eclipse Public License EPLv1.0 license. For a copy of the license, see Eclipse Public License.</p> <p>An important requirement in j-Interop licensing is that , you must mention at any publically displayed media like website, readme(s) or acknowledgements, the usage of j-Interop as a library to interoperate with COM servers.</p> <p>Third Party Licenses</p> <p>Jcifs is licensed under LGPL . For a copy of the license, see GNU LESSER GENERAL PUBLIC LICENSE (Version 2.1).</p> <p>BouncyCastle is licensed under MIT Style . Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc. (http://www.bouncycastle.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.</p>

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Provider	Component(s)	Release Versions	Licensing Information
James Newton-King	Json.NET 6.3	12.2.1.2.0 12.2.1.3.0	<p>The MIT License (MIT)</p> <p>Copyright (c) 2007 James Newton-King</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>

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Provider	Component(s)	Release Versions	Licensing Information
JCraft	JSch 0.1.50	11.1.2.3.0	<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) 2002-2012 Atsuhiko Yamanaka, JCraft, 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> <ol style="list-style-type: none"> 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. <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 IMITED 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 10-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Privileged Account Manager

Provider	Component(s)	Release Versions	Licensing Information
Jon Rohan et al.	ZeroClipboard 1.0.7	11.1.2.3.0	<p>Copyright (c) 2012 Jon Rohan, James M. Greene</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>
Microsoft	Microsoft Windows SDK 7.1	11.1.2.3.0	<p>For a copy of the license, see MICROSOFT WINDOWS SOFTWARE DEVELOPMENT KIT FOR WINDOWS 7 and .NET FRAMEWORK 4.</p>

Table 10-1 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Privileged Account Manager

Provider	Component(s)	Release Versions	Licensing Information
Opensource	Windows Installer XML (WiX) Toolset 3.8	11.1.2.3.0	<p>Copyright (c) 2004, Outercurve Foundation. This software is released under the Microsoft Reciprocal License (MS-RL) (the "License"); you may not use the software except in compliance with the License.</p> <p>The OS component with same version is licensed under Common Public License Version 1.0 (Oracle) and Microsoft Reciprocal License (Datalogix acquisition).</p> <p>For a copy of the Common Public License Version 1.0 (Oracle), see Common Public License (CPL) Version 1.0.</p> <p>For a copy of the Microsoft Reciprocal License (MS-RL), see Microsoft Reciprocal License (MS-RL).</p>
RestSharp	RestSharp 104.0.0.0	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .

 **Note:**

URL Note: The URL specified below and the "Y" checkbox designation relate to the component coming through Datalogix acquisition.

URL for License: <http://opensource.org/licenses/ms-rl>.

10.3 Oracle Entitlements Server

Oracle Entitlements Server can be separately licensed, independent of any Oracle Application Server or WebLogic edition. For using Oracle Entitlements Server, a license of Oracle Entitlements Server Security Module is required.

Oracle Entitlements Server is not available as 12c release. For further information regarding support timeline, see, <http://www.oracle.com/us/support/library/lifetime-support-middleware-069163.pdf>

- [Restricted-Use Licenses](#)

10.3.1 Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle Entitlements Server:

- Restricted Use: Business Intelligence Publisher to publish and/or view:
 - Shipped BI Publisher reports. Layout changes are allowed, AND
 - Shipped or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
- Oracle Internet Application Server Enterprise Edition or WebLogic Enterprise Edition as host for only Oracle Entitlements Server, including run-time components to provide Java run-time environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.

10.4 Oracle Entitlements Server Security Module

Oracle Entitlements Server Security Module can be separately licensed, independent of any Oracle Application Server or WebLogic edition.

Note that to use the Oracle Entitlements Server Security Module, you need to license [Oracle Entitlements Server](#) or [Oracle Access Management Suite Plus](#) (which includes Oracle Entitlements Server).

Oracle Entitlements Server Security Module is not available as 12c release. For further information regarding support timeline, see, <http://www.oracle.com/us/support/library/lifetime-support-middleware-069163.pdf>

10.5 Oracle Directory Services Plus

Oracle Directory Services Plus includes the following Oracle products:

- Oracle Directory Server Enterprise Edition (**)
- Oracle Internet Directory (including Delegated Administration Services and Directory Integration Platform). These components are described in [Oracle Identity Management*](#)
- Oracle Unified Directory*
- Oracle Unified Directory Virtualization*
- Oracle Virtual Directory (**)
- Oracle Authentication Services for Operating Systems (OAS4OS). OAS4OS is certified to work with Oracle Internet Directory (OID) only.

* A license to Oracle Internet Directory, Oracle Unified Directory, Oracle Unified Directory Virtualization and Oracle Virtual Directory includes a license to Oracle Directory Services Manager.

(**) These components are not available as 12c release. For further information regarding support timeline, see: <http://www.oracle.com/us/support/library/lifetime-support-middleware-069163.pdf>

- [Restricted-Use Licenses](#)

- [Third-Party Products and Details for Oracle Unified Directory](#)
- [Third-Party Products and Details for Oracle Internet Directory](#)
- [Third-Party Products and Details for Oracle Virtual Directory](#)

10.5.1 Restricted-Use Licenses

A license to Oracle Directory Services Plus includes restricted-use licenses for the following products or components:

- Use of Oracle Single Sign-On is restricted to providing authentication services to users accessing Oracle Delegated Administration Services only.
- Use of Business Intelligence Publisher (BI Publisher) is restricted to publishing and/or viewing:
 - Included BI Publisher reports. Layout changes are allowed; and
 - Included or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
- Oracle Internet Application Server Enterprise Edition or Oracle WebLogic Server Enterprise Edition may be used solely as host for Oracle Directory Services Plus, including run-time components to provide Java run-time environment and HTTP support, as well as configuration and administration components used for the setup and management of those run-time components.
- Oracle Database (Standard Edition or Standard Edition 2) may be used solely for storing LDAP data related to the use of Oracle Internet Directory as a general purpose LDAP directory. Storing any other data in the infrastructure database requires a full use license of Oracle Database (Standard Edition or Standard Edition 2).

10.5.2 Third-Party Products and Details for Oracle Unified Directory

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Unified Directory, in the following sub-sections.

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- 11.1.2.3.0
- 12.2.1.2.0

- 12.2.1.3.0

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Provider	Component(s)	Release Versions	Licensing Information
Eclipse Foundation	EclipseLink 2.4.2	11.1.2.3.0	<p>For a copy of the license, see Eclipse Public License.</p> <p>For a copy of the license, see Eclipse Distribution License - v 1.0.</p>
Eclipse Foundation	Eclipse Persistence Services Project (EclipseLink) 2.6.5	12.2.1.3.0	<p>Licensed under the Eclipse Public License</p> <p>You may obtain a copy of the License at: https://eclipse.org/.</p> <p>All rights reserved.</p> <p>Licensed under the Eclipse Public License Agreement.</p> <p>For more information on this license and/or for a copy of the license, see Eclipse Public License.</p> <p>Copyright © 2007, Eclipse Foundation, Inc. and its licensors.</p> <p>All rights reserved.</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>For more information on this license and/or for a copy of the license, see Eclipse Persistence Services Project (EclipseLink) 260 License.</p>

Table 10-2 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Unified Directory

Provider	Component(s)	Release Versions	Licensing Information
The University of Texas at Austin	Sha256Crypt (Java port)	11.1.2.3.0 12.2.1.3.0	<p>MIT stye license from sourceftp://ftp.arlut.utexas.edu/pub/java_hashes/Sha256Crypt.java): Sha256Crypt.java Created: 18 December 2007 Java Port By: James Ratcliff, falazar@arlut.utexas.edu</p> <p>This class implements the new generation, scalable, SHA256-based Unix 'crypt' algorithm developed by a group of engineers from Red Hat, Sun, IBM, and HP for common use in the Unix and Linux /etc/shadow files.</p> <p>The Linux glibc library (starting at version 2.7) includes support for validating passwords hashed using this algorithm</p> <p>The algorithm itself was released into the Public Domain by Ulrich Drepper <drepper@redhat.com>. A discussion of the rationale and development of this algorithm is at http://people.redhat.com/drepper/sha-crypt.html and the specification and a sample C language implementation is at http://people.redhat.com/drepper/SHA-crypt.txt</p> <p>This Java Port is Copyright (c) 2008-2012 The University of Texas at Austin. All rights reserved.</p> <p>Redistribution and use in source and binary form are permitted provided that distributions retain this entire copyright notice and comment. 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 "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p>

10.5.3 Third-Party Products and Details for Oracle Internet Directory

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- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

Table 10-3 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Internet Directory

Provider	Component(s)	Release Versions	Licensing Information
RSA	Bsafe (Bsafe Crypto-C.) 6.3.2.2	11.1.1.9.0	<p>Oracle may edit the source code for BSAFE Crypto-C and Cert-C and distribute such modified code on the same terms as are set forth in the agreement.</p> <p>Oracle may not in any way sell, rent, license, sublicense or otherwise distribute the RSA Software or any part thereof or the right to use the RSA Software or any part thereof as a stand-alone product to any person or entity.</p> <p>Oracle may not incorporate into any Bundled Product any algorithm or other functionality included within the RSA Software which is not Licensed Software as set forth in the License/Product Schedule.</p>

Table 10-3 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Internet Directory

Provider	Component(s)	Release Versions	Licensing Information
openBSD	Blowfish 1.18	11.1.1.9.0	<p>Blowfish block cipher for OpenBSD Copyright 1997 Niels Provos All rights reserved. Implementation advice by David Mazieres 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"> 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 Niels Provos. 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission. <p>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.</p> <p>Mc5 Crypt version 1.2 Oracle may use, modify and distribute without restriction.</p>

Table 10-3 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Internet Directory

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Univeristy of Michigan	SLAPD 3.3	11.1.1.9.0	<p>Copyright (c) 1992-1996 Regents of the University of Michigan. All Rights Reserved.</p> <p>Redistribution and use in source and binary forms are permitted provided that this notice is preserved and that due credit is given to the University of Michigan at Ann Arbor.</p> <p>The name of the University may not be used to endorse or promote products derived from this software or documentation without specific prior written permission.</p> <p>This software is provided "as is" without any express or implied warranty.</p>
Verisign	Verisign Root Keys 1		
Certicom	SSL Plus, SSL Plus for Apache, (and through support - PKI-C) 3		
Baltimore Technologies (formerly GTE Cybertrust)	GTE Cybertrust Root Keys 1, 2, 3, 4, 5, Global		<p>May not remove or destroy any proprietary, trademark, or copyright markings or notices on or in any Baltimore documentation.</p> <p>Must include following statement in the documentation:</p> <p>ORACLE IS PROVIDING THE GTE CYBERTRUST ROOT KEY CERTIFICATES ON AN "AS IS" BASIS WITHOUT WARRANTY OF ANY KIND; ORACLE DOES NOT WARRANT THAT THE GTE CYBERTRUST ROOT KEY CERTIFICATES WILL BE PROVIDED UNINTERRUPTED OR ERROR-FREE; FURTHERMORE, ORACLE DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.</p>
Entrust	Root Key Certificates		

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RSA	Bsafe Cert-C Toolkit 2.8 (and future versions)		<p>Each bundled product must contain a statement that it contains RSA software and the RSA seal within a prominent location (ie, “read me” files, “help” files or similar location), as well as in user documentation, printed product collateral and product packaging.</p> <p>Oracle must use reasonable efforts to include RSA seal in advertisements for bundled products.</p> <p>Oracle must not remove any proprietary, trademark or copyright markings or confidentiality legends in software.</p>

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- 11.1.1.9.0

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Apache	Apache File Upload 1	11.1.1.9.0	Copyright 2002-2008 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	Apache POI 2.5.1, 3.0	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Apache	Axis Java, 1.2.1, 2.1.1, 1.4, 1.4.2	11.1.1.9.0	This product includes software developed by The Apache Software Foundation (http://www.apache.org/). Portions Copyright 2006 International Business Machines Corp. Portions Copyright 2005-2007 WSO2, Inc. This product also includes schemas and specification developed by: - the W3C consortium (http://www.w3c.org) This product also includes WS-* schemas developed by International Business Machines Corporation, Microsoft Corporation, BEA Systems, TIBCO Software, SAP AG, Sonic Software, and VeriSign This product also includes a WSDL developed by salesforce.com - Copyright 1999-2006 salesforce.com, inc. Portions of the included xmlbeans library were originally based on the following: - software copyright (c) 2000-2003, BEA Systems, < http://www.bea.com/ >. For a copy of the license, see Apache License Version 2 .
Apache	commons-logging.jar 1.0.3, 1.0.4	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

Table 10-4 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Virtual Directory

Provider	Component(s)	Release Versions	Licensing Information
Apache	Jakarta Regexp 1	11.1.1.9.0	Jakarta version 1.0 Copyright (c) 1999 The Apache Software Foundation. All rights reserved. Licensed under the Apache 1.1 License Agreement. The names Apache and Jakarta must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact apache@apache.org . 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/ .
Jython	Jython 2.1, 2.2, 2.2.1	11.1.1.9.0	For a copy of the license, see Jython License .
Mort Bay Consulting	Jetty 4.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
OpenLDAP	JDBC-LDAP Bridge Driver 1	11.1.1.9.0	For a copy of the license, see The OpenLDAP Public License .
OpenLDAP	JLDAP 1	11.1.1.9.0	For a copy of the license, see The OpenLDAP Public License .
Open Source	ArisID 1.1	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .
Thoir	Commons Discovery 0.4, 0.2	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

10.6 Oracle Access Manager

Oracle Access Manager can be separately licensed, independent of any Oracle Application Server or WebLogic edition.

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- [Third-Party Products and Details for Oracle Access Manager](#)
- [Oracle Access Manager Clients](#)

10.6.1 Restricted-Use Licenses

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- Restricted Use: Business Intelligence Publisher to publish and/or view:
 - Shipped BI Publisher reports. Layout changes are allowed, AND
 - Shipped or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
- Oracle Internet Application Server Enterprise Edition or WebLogic Enterprise Edition as host for only Oracle Access Manager, including run-time components to provide Java run-time environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.
- Oracle Identity Manager and associated Identity Manager LDAP Connectors (Microsoft AD, Novell eDirectory, Oracle Internet Directory, and Sun Java System Directory) are restricted to managing users in a directory specific to the following:
 - Self-service registration
 - Self-service user profile view and/or modify
 - Self-service password reset
 - Lost password management (setting up challenge questions)
 - Password reset on first login
 - Password policy enforcement (password strength, expiration period, and so on)
 - Password expiration notification
 - Delegated administration of administrative capabilities (down to the attribute level) to lower level administrators to manage users in the system
- Oracle Coherence Enterprise Edition (restricted to run in the same JVM as Oracle Access Manager) for user session, configuration, and policy synchronization within Oracle Access Manager. Any other use, including running Oracle Coherence Enterprise Edition on a separate processor, triggers a full use license.

10.6.2 Third-Party Products and Details for Oracle Access Manager

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The following release versions are associated with the third-party products in Oracle Access Manager:

- 11.1.2.3.0
- 12.2.1.2.0
- 12.2.1.3.0

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Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Axiom 1.2	11.1.2.3.0 12.2.1.3.0	Portions Copyright © 2006 International Business Machines Corp. For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Betwixt 0.8	11.1.2.3.0	For a copy of the license, see Apache License Version 1
Apache	Apache Mina SSHD	11.1.2.3.0	For a copy of the license, see Apache MINA SSHD License
Apache	Mine 2.0.0-M1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Felix 4.4.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Felix Framework Distribution 3.0.6	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Geronimo-stax-api 1.0.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Collections 3.2.1	11.1.2.3.0	Copyright © 2001–2008 The Apache Software Foundation
Apache	Commons FileUpload 1.3.2	12.2.1.3.0	Apache Commons FileUpload Copyright 2002-2008 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For more information on this license and/or for a copy of the license, see Apache License Version 2 .

Table 10-5 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Access Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	Log4J 1.2.15	12.2.1.3.0	URL for License - http://www.apache.org/licenses/LICENSE-2.0 Copyright 2010 The Apache Software Foundation Copyright 2007 The Apache Software Foundation Copyright 1999-2005 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Logging 1.1.1	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.2	12.2.1.3.0	Apache Commons Logging Copyright 2003-2014 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	Commons Digester 2.0.16	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-codec 1.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Validator 1.3.1	11.1.2.3.0	This product includes software developed by Apache Jakarta Commons Validator. Copyright © 2001–2006 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Validator 1.1.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Brian Campbell	Jose4j 0.5.5	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Codehaus	Jackson-Core-ASL 1.9.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Codehaus	jackson-xc 1.9.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Release Versions	Licensing Information
Codehaus	jackson-mapper-asl 1.9.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Codehaus	jackson-jaxrs 1.9.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Eclipse Foundation	Higgins Framework 1	11.1.2.3.0	For a copy of the license, see Eclipse Public License
Codehaus	Jettison 1.3.4	12.2.1.3.0	Copyright 2006 Envoi Solutions LLC For a copy of the license, see Apache License Version 2 . 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.

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Provider	Component(s)	Release Versions	Licensing Information
FasterXML, LLC	jackson-databind 2.7.9.1	12.2.1.3.0	<p>https://github.com/FasterXML/jackson-databind/blob/jackson-databind-2.7.5/src/main/resources/META-INF/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, 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 (http://fasterxml.com).</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>License URL:</p> <p>This copy of Jackson JSON processor databind module is licensed under the Apache (Software) License, version 2.0 ("the License"). For a copy of the license, see Apache License Version 2.</p>

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Provider	Component(s)	Release Versions	Licensing Information
FasterXML, LLC	jackson-core 2.7.9	12.2.1.3.0	<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.</p> <p>It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.</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>LICENSE.TXT:</p> <p>This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). For a copy of the license, see Apache License Version 2.</p>
FasterXML, LLC	jackson-annotations 2.7.9	12.2.1.3.0	<p>This copy of Jackson JSON processor annotations is licensed under the Apache (Software) License, version 2.0 ("the License").</p> <p>For a copy of the license, see Apache License Version 2.</p>
INRIA, France Telecom	ASM 5.0.4	12.2.1.3.0	For a copy of the license, see ASM License (2) .
Jython	Jython 2.5.2 2.5.3	12.2.1.3.0	For a copy of the license, see Jython License .
Jython	Jython 2.5.2	11.1.2.3.0	For a copy of the license, see Jython License .
Open Web Application Security Project (OWASP)	Enterprise Security API (ESAPI) 2	11.1.2.3.0	For a copy of the license, see Enterprise Security API (ESAPI) License .
RedHat, Inc., JBoss community	validation-api 1.1.0 Final	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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SourceForge	ini4j 0.5.5	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Srikanth Reddy Lingala	zip4j 1.3.2	12.2.1.3.0	https://github.com/imasm/Android-Zip4j Copyright 2010 Srikanth Reddy Lingala For a copy of the license, see Apache License Version 2 .
The Apache Software Foundation	Commons HttpClient 3.1	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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- [Third-Party Products and Details for Oracle Access Manager Web Gates](#)

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- 12.2.1.2.0

- 12.2.1.3.0

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RSA	Bsafe (Bsafe Crypto-C.) 6.3.2.2	12.2.1.2.0	Commercial, license text not available. For a copy of the license, see Apache License Version 2 .
RSA	BSAFE SSL-C 2.5	12.2.1.3.0	May visually display the RSA name and RSA product names and in the hardcopy documentation for the Siebel programs incorporating the RSA software and in advertising and promotional materials; Siebel agrees not to remove, alter or destroy any proprietary, trademark or copyright markings or notices placed upon or contained within the RSA software or documentation. This shall not be construed as to obligate Siebel to incorporate any proprietary, trademark or copyright markings or notices of RSA in the Siebel programs or related documentation, marketing materials or screens.

10.7 Oracle Identity Federation

A license to Oracle Identity Federation includes licenses to Oracle OpenSSO Fedlet and Social Identity.

- [Restricted-Use Licenses](#)
- [Third-Party Products and Details for Oracle Identity Federation](#)

10.7.1 Restricted-Use Licenses

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Apache	Commons Codec 1.2, 1.3	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons-Collections 3.1	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging.jar 1.0.3, 1.0.4	11.1.2.3.0 11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

10.8 Oracle Identity Manager

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- [Third-Party Products and Details for Oracle Identity Manager](#)

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 - Shipped or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
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- Restricted use license of BPEL Process Manager for creating approval workflows, reviewing and approving approval tasks, invoking and consuming external web services and Java code, and performing endpoint routing and selection only for Oracle Identity Manager.
- Restricted Use: Oracle Identity Manager product includes use of Oracle Entitlements Server product solely for defining and managing authorization policies for Oracle Identity Manager

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Apache	Apache Commons Chain 1.1 1.2	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Chain 1.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache POI 3.0, 2.5.1	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Axis Java, 1.2.1, 2.1.1, 1.4, 1.4.2	11.1.2.3.0	For a copy of the license, see Axis Java License
Apache	Batik 1.7	11.1.2.3.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Commons Beanutils 1.6, 1.7, 1.8	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons.digester 1.5, 1.7	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-el.jar 1	11.1.2.3.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-lang3 3.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

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Apache	Commons Validator 1.6	12.2.1.3.0	Apache Commons Validator Copyright 2001-2012 The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	Commons Validator 1.0.2, 1.1.4	11.1.2.3.0	Copyright 2001-2006 The Apache Software Foundation. The Apache Software Foundation. (http://www.apache.org/) For a copy of the license, see Apache License Version 2 .
Apache	Groovy 1.6.9	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons dbcp 1.2.1	11.1.2.3.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Digester 1.8	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta - commons-lang.jar 2.1, 2.3, 2.5	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta ORO 2.0.8, 2.2	11.1.2.3.0	Jakarta ORO Copyright © 2000–2002 The Apache Software Foundation All rights reserved. Licensed under the Apache 1.1 License Agreement. For a copy of the license, see Apache License Version 1

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Apache	Log4J 1.2.15	12.2.1.3.0	<p>Apache log4j</p> <p>Copyright © 2007 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Log4J 1.2.8, 1.2.13, 1.2.15, 1.3	11.1.2.3.0	<p>Apache log4j</p> <p>Copyright © 2007 The Apache Software Foundation</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Spring Framework 1.1.5, 2.0	11.1.2.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	spring- webmvc.jar 2	11.1.2.3.0	<p>For a copy of the license, see Apache License Version 2.</p>

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Apache	struts 1.1, 1.2.9	11.1.2.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
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Apache	Velocity 1.4	11.1.2.3.0 12.2.1.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Xalan 2.0, 2.2, 2.3, 2.7	11.1.2.3.0	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Xerces 2.8.1, 2.0.1	11.1.2.3.0	<p>For a copy of the license, see Apache License Version 2.</p>

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Sun (now Oracle)	JavaBeans(TM) Activation Framework Specification (activation.jar) 1.0.2	11.1.2.3.0 12.2.1.3.0	<p>Copyright 1994-2008 Sun Microsystems, Inc. All Rights Reserved.</p> <p>Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p>

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Sun (now Oracle)	JavaMail 1.3, 1.3.1, 1.3.3	11.1.2.3.0	<p>Copyright 1994-2008 Sun Microsystems, 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> <ul style="list-style-type: none"> • Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer. • Redistribution 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>Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p> <p>You acknowledge that this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.</p>

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Provider	Component(s)	Release Versions	Licensing Information
The Apache Software Foundation	Apache Commons Logging 1.0.4, 1.1	11.1.2.3.0	Copyright © 2003–2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
W3C	SAC Implementation - Java 1.3	11.1.2.3.0 12.2.1.3.0	<p>W3C SOFTWARE</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> <ul style="list-style-type: none"> • The full text of this NOTICE in a location viewable to users of the redistributed or derivative work. • 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. • 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>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. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.</p>

10.9 Oracle Identity Manager Connectors

Oracle Identity Manager Connectors can be separately licensed, independent of any Oracle Application Server or WebLogic edition. Oracle Identity Manager Connectors require Oracle Identity Manager.

Prerequisite: A license to Oracle Identity Manager, Oracle Identity Governance Suite, Oracle Enterprise Identity Services Suite, or Oracle Identity and Access Management Suite Plus is a prerequisite to license and use an Oracle Identity Manager Connector.

Available Identity Manager Connectors are:

- BMC Remedy Ticketing
- BMC Remedy User Management
- Box
- CA ACF2
- CA Top Secret
- Cisco WebEx
- Citrix GoToMeeting
- Database Applications Table
- Database User Management
- Generic REST
- Generic SCIM
- Google Apps
- IBM Lotus Notes/Domino
- IBM OS/400
- IBM RACF
- JDEdwards EnterpriseOne
- Microsoft Active Directory
- Microsoft Exchange
- Microsoft Office 365
- Microsoft Windows
- Novell eDirectory
- Novell Groupwise
- Oracle CRM On Demand
- Oracle Directory Server Enterprise Edition
- Oracle e-Business
- Oracle Fusion Applications
- Oracle Internet Directory
- Oracle Retail

- Oracle Unified Directory
- PeopleSoft Enterprise Applications
- RSA Authentication Manager
- RSA ClearTrust
- Salesforce
- SAP Concur
- SAP Enterprise Applications
- SAP Enterprise Portal
- SAP Success Factor
- ServiceNow
- Siebel Enterprise Applications
- Sun Java System Directory
- UNIX
- Web Services
- [Third-Party Products and Details for Oracle Identity Manager Connectors](#)

10.9.1 Third-Party Products and Details for Oracle Identity Manager Connectors

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- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Table 10-9 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Identity Manager Connectors

Provider	Component(s)	Release Versions	Licensing Information
Apache	Groovy 2.4.11	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 4.5.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	cglib 2.1.3	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	commons-logging 1.2	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	jakarta-oro 2.0.8	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons Codec 1.10	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	expect4j 1.6	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents Core 4.4.6	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-core 2.9.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-databind 2.9.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-annotations 2.9.4	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	Google Croscore fonts 1.23.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	google-api-services-admin-directory_v1-rev91-1.23.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .
Google	Google Collections 1.0	12.2.1.3.0	Open Source License Name: Apache 2.0 Copyright Holder: Google For a copy of the license, see Apache License Version 2 .
Google Inc	google-api-services-groupssetting_s_V1-rev67-1.23.0	12.2.1.3.0	For a copy of the license, see Apache License Version 2 .

Table 10-9 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Identity Manager Connectors

Provider	Component(s)	Release Versions	Licensing Information
Jcraft	JSch 0.1.54	12.2.1.3.0	<p>JSch 0.0.* was released under the GNU LGPL license. Later, we have switched over to a BSD-style license.</p> <p>Copyright © 2002–2015 Atsuhiko Yamanaka, JCraft, 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> <ol style="list-style-type: none"> 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. <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>

Table 10-9 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Identity Manager Connectors

Provider	Component(s)	Release Versions	Licensing Information
JSON	JSON copy-1-of-3, 2.0	12.2.1.3.0	Copyright © 2002 JSON.org (http://www.json.org/license.html) 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.
Microsoft	Microsoft.Net Framework 4.6.2	12.2.1.3.0	For a copy of the license, see MICROSOFT WINDOWS SOFTWARE DEVELOPMENT KIT UPDATE FOR WINDOWS VISTA .
QOS.ch	SLF4J-1.7.5	12.2.1.3.0	Copyright © 2004–2017 QOS.ch All rights reserved. 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 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.

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Provider	Component(s)	Release Versions	Licensing Information
Sun (now Oracle)	ldapbp.jar JNDI 1.2 (JNDI 1.2.4)	12.2.1.3.0	<p>Copyright 1994-2008 Sun Microsystems, Inc. All Rights Reserved.</p> <p>Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p> <p>This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p>

10.10 Oracle Identity Manager Connectors Pack

Oracle Identity Manager Connectors Pack includes the following connectors:

- BMC Remedy Ticketing
- BMC Remedy User Management
- Box
- Cisco WebEx
- Citrix GoToMeeting
- Database Applications Table
- Dropbox
- Generic REST
- Generic SCIM

- Google Apps
- IBM Lotus Notes/Domino
- IBM OS/400
- JDEdwards EnterpriseOne
- Microsoft Office 365
- Novell Groupwise
- Oracle CRM On Demand
- Oracle e-Business
- Oracle Fusion Applications
- Oracle Retail
- PeopleSoft Enterprise Applications
- RSA Authentication Manager
- RSA ClearTrust
- Salesforce
- SAP Concur
- SAP Enterprise Applications
- SAP Enterprise Portal
- SAP Success Factor
- ServiceNow
- Siebel Enterprise Applications

Prerequisite: A license to Oracle Enterprise Identity Services Suite or Oracle Identity Governance Suite is a prerequisite to license and use Oracle Identity Manager Connectors Pack.

10.11 Oracle Enterprise Single Sign-On Suite Plus

Oracle Enterprise Single Sign-On Suite Plus (ESSO Suite Plus) includes the following integrated components:

- Oracle Access Portal
- Oracle Enterprise Single Sign-On Anywhere
- Oracle Enterprise Single Sign-On Authentication Manager
- Oracle Enterprise Single Sign-On Kiosk Manager
- Oracle Enterprise Single Sign-On Logon Manager
- Oracle Enterprise Single Sign-On Password Reset
- Oracle Enterprise Single Sign-On Provisioning Gateway
- Oracle Enterprise Single Sign-On Universal Authentication Manager
- [Restricted-Use Licenses](#)

10.11.1 Restricted-Use Licenses

- Use of the Oracle Traffic Director portion of the Oracle Access Portal is restricted to the following features: Access Manager WebGate, and Origin Server HTTP/TCP Load Balancing to ESSO Suite Plus components.
- Use of Oracle Access Manager is restricted to use with Oracle Access Portal.
- Use of Oracle Business Intelligence Publisher (BI Publisher) is restricted to publishing and/or viewing:
 - Included BI Publisher reports. Layout changes are allowed; and
 - Included or newly created BI Publisher reports that are modified to access data from the existing Oracle Identity Management schema that has not been customized.
- Internet Application Server Enterprise Edition(IAS EE) or WebLogic Server Enterprise Edition (WLSEE) may be used solely as host for Oracle Access Manager, including run-time components to provide Java run-time environment and HTTP support, as well as configuration and administration components used for the setup and management of those run-time components.

10.12 Oracle Access Management Suite Plus

Oracle Access Management Suite Plus (AMSP) includes the following integrated components:

- [Oracle Access Manager](#)
- Oracle Access Portal(*)
- Oracle Adaptive Access Manager(*)
- Oracle Adaptive Authentication Service
- [Oracle Entitlements Server\(*\)](#)
- [Oracle Identity Federation](#)
- Oracle Mobile and Social(*)
- Oracle OpenSSO Fedlet
- Oracle Security Token Service (STS)
- OAuth Service (includes social login)

(*) These components are not available as 12c release. For further information regarding support timeline see, <http://www.oracle.com/us/support/library/lifetime-support-middleware-069163.pdf>.

- [Restricted-Use Licenses](#)
- [Third-Party Products and Details for Oracle Access Management Mobile and Social](#)
- [Third-Party Products and Details for Oracle Adaptive Access Manager](#)
- [Third-Party Products and Details for Oracle Webservices Manager](#)
- [Third-Party Products and Details for User Messaging Service](#)

10.12.1 Restricted-Use Licenses

A license to Oracle Access Management Suite Plus (AMSP) includes restricted-use licenses for the following products or components:

- Use of the Oracle Traffic Director portion of AMSP is restricted to the following features: Access Manager WebGate, and Origin Server HTTP/TCP Load Balancing to Access Management Suite Plus components.
- Use of BI Publisher is restricted to publishing and/or viewing:
 - Included BI Publisher reports. Layout changes are allowed; and
 - Included or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
- Internet Application Server Enterprise Edition (IAS EE) or WebLogic Server Enterprise Edition (WLSEE) may be used solely as host for AMSP, including run-time components to provide Java run-time environment and HTTP support, as well as configuration and administration components used for the setup and management of those run-time components.
- Use of OWSM to protect web services must be performed in conjunction with at least one of the following components within AMSP:
 - Authentication — OWSM requires integration with Oracle Access Manager for authentication.
 - Authorization — OWSM requires integration with Oracle Entitlements Server for authorization.
 - Federation — OWSM requires integration with Oracle Identity Federation for federation.
 - OWSM agents acting as a WS-Trust client to the OpenSSO or Oracle STS server.
- Use of Oracle User Messaging Service (OUMS) is restricted to messaging needs related to Oracle Adaptive Access Manager security features. Message delivery is available in all formats including SMS, email, IM, and voice for the following:
 - Delivery of the Oracle Adaptive Access Manager one-time password authentication.
 - Delivery of transaction confirmation messages.
 - Security alerts to administrators/investigators.

10.12.2 Third-Party Products and Details for Oracle Access Management Mobile and Social

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for Oracle Access Management Mobile and Social, in the following sub-sections.

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- 12.2.1.3.0

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Provider	Component(s)	Release Versions	Licensing Information
Apache	Jakarta - commons-lang.jar 2.1, 2.3	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
jQuery	jQuery 1.8.3	11.1.2.3.0	Copyright © 2013 jQuery Foundation and other contributors (http://jquery.com/) 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 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.
Open Web Application Security Project (OWASP)	Enterprise Security API (ESAPI) 2	11.1.2.3.0	For a copy of the license, see Enterprise Security API (ESAPI) License

10.12.3 Third-Party Products and Details for Oracle Adaptive Access Manager

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The following release versions are associated with the third-party products in Oracle Adaptive Access Manager:

- 11.1.2.3.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in for Oracle Adaptive Access Manager.

Table 10-11 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Adaptive Access Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Portable Runtime (APR) 1.2	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
Apache	log4cxx 0.10.0	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .

Table 10-11 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Adaptive Access Manager

Provider	Component(s)	Release Versions	Licensing Information
Janino	Janino 2.0.16	11.1.2.3.0	<p>JANINO is available under the New BSD License.</p> <p>Janino - An embedded Java[™] compiler Copyright (c) 2001-2016, Arno Unkrig Copyright (c) 2015-2016 TIBCO Software 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"> 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. Neither the name of JANINO nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. <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 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>

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Provider	Component(s)	Release Versions	Licensing Information
JBoss	Drools 2	11.1.2.3.0	For a copy of the license, see Apache License Version 2 .
libxml2	libxml2 2.6.32	11.1.2.3.0	Copyright (c) xmlsoft 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.
OutOfOrder	apr_memcach e 0.7.0	11.1.2.3.0	This product includes software developed by Paul Querna (http://www.OutOfOrder.cc/). For a copy of the license, see Apache License Version 2 .

10.12.4 Third-Party Products and Details for Oracle Webservices Manager

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The following release versions are associated with the third-party products in Oracle Webservices Manager:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

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Table 10-12 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s)	Release Versions	Licensing Information
Apache	Apache Axiom 1.2	12.2.1.2.0 12.2.1.3.0	Portions Copyright © 2006 International Business Machines Corp. For a copy of the license, see Apache License Version 2 .
Apache	ant-contrib 1.0b3	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	Ant-Contrib Copyright © 2001–2003 Ant-Contrib project All rights reserved. Licensed under the Apache 1.1 License Agreement. The name Ant-Contrib must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: ant-contribdevelopers@lists.sourceforge.net. For a copy of the license, see Apache License Version 1.1 .
Codehaus	Jackson 1.9.2	12.2.1.2.0 12.2.1.3.0	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. For a copy of the license, see Apache License Version 2 .
EasyMock	EasyMock 2.3	11.1.1.9.0	For a copy of the license, see Apache License Version 2 .

Table 10-12 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s))	Release Versions	Licensing Information
EasyMock	EasyMock 3.1	12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2001–2007 OFFIS, Tammo Freese</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>
James Seigel and Stefan Hausteин	KSoap 2.1.2	11.1.1.9.0 12.2.1.2.0 12.2.1.3.0	<p>Copyright © 2006, James Seigel, Calgary, AB., Canada</p> <p>Copyright © 2003, 2004, Stefan Hausteин, Oberhausen, Rhld., Germany</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 10-12 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s))	Release Versions	Licensing Information
Jeff Martin, Tim Bacon	XMLUnit 1.3	12.2.1.2.0 12.2.1.3.0	<p>XMLUnit</p> <p>BSD-style License</p> <p>Copyright (c) 2001-2014, Jeff Martin, Tim Bacon</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"> • 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 xmlunit.sourceforge.net nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission. <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</p>

Table 10-12 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s)	Release Versions	Licensing Information
			ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. For a copy of the license, see XMLUnit
JUnit	JUnit 4.11	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see JUnit Common Public License Version 1.0
Liberty Alliance	OpenAz 1, 1.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Russell Gold	HTTPUnit 1.7	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see HTTPUnit 17 License
Toby Reyelts, Xavier Le Vouch	RetroWeaver 2.0.7	12.2.1.2.0 12.2.1.3.0	Copyright © 2004–2008, Toby Reyelts, Xavier Le Vouch All rights reserved. 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.

Table 10-12 (Cont.) Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in Oracle Webservices Manager

Provider	Component(s)	Release Versions	Licensing Information
The Werken Company	jaxen 1.1, 1.1.1	12.2.1.2.0	Copyright © 2003–2006 The Werken Company All Rights Reserved. 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.

10.12.5 Third-Party Products and Details for User Messaging Service

This section lists all the applicable commercial third party notices and/or licenses and all open source or other separately licensed third party notices and/or licenses, for User Messaging Service, in the following sub-sections.

Commercial Software

Currently there are no commercial software products or components distributed in User Messaging Service with the applicable licensing information.

Open Source or Other Separately Licensed Software

Required notices for open source or other separately licensed software products or components distributed in User Messaging Service are identified in the following table, 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 following release versions are associated with the third-party products in User Messaging Service:

- 11.1.1.9.0
- 12.2.1.2.0
- 12.2.1.3.0

This table summarizes the contents of third-party notices and/or licenses and open source or other separately licensed software in User Messaging Service.

Table 10-13 Third-Party Notices and/or Licenses and Open Source or Other Separately Licensed Software in User Messaging Service

Provider	Component(s)	Release Versions	Licensing Information
Apache	Smack 3.0.4 3.2.2	11.1.1.9.0 12.2.1.2.0	For a copy of the license, see Apache License Version 2
Google	gcm-server 1.0.2	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Ignite Realtime	Smack 4.1.9	12.2.1.3.0	For a copy of the license, see Apache License Version 2
Mahmood Ali	Java-apns 0.2.3	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Java-apns License
Yidong Fang et al.	JSON-simple 1.1	12.2.1.2.0 12.2.1.3.0	For a copy of the license, see Apache License Version 2
Yusuke Yamamoto	Twitter4J 3.0.3, 4.0.4	12.2.1.2.0	For a copy of the license, see Apache License Version 2

10.13 Oracle Identity and Access Management Suite Plus

Oracle Identity and Access Management Suite Plus can be separately licensed, independent of any Oracle Application Server or WebLogic edition. It includes:

- [Oracle Access Manager](#)
- Oracle Directory Services Plus (see [Oracle Directory Services Plus](#))
- [Oracle Identity Federation](#)
- [Oracle Identity Manager](#)
- Oracle OpenSSO Fedlet
- Oracle Security Token Service (STS)
- Oracle Single Sign-On (see [Oracle Identity Management](#))
- [Restricted-Use Licenses](#)

10.13.1 Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle Identity and Access Management Suite Plus:

- Restricted Use: Business Intelligence Publisher to publish and/or view:

- Shipped BI Publisher reports. Layout changes are allowed, AND
- Shipped or newly created BI Publisher reports that are modified to access data from the existing Identity Management schema that has not been customized.
- Oracle Internet Application Server Enterprise Edition or WebLogic Enterprise Edition as host for only Identity and Access Management Suite, including run-time components to provide Java run-time environment and HTTP support, as well as configuration and administration components used for the setup and management of these run-time components.
- Restricted Use: A license to Oracle Identity and Access Management Suite Plus includes a restricted-use license to Oracle Database Standard Edition or Oracle Database Standard Edition 2. Use of the Oracle Database (Standard Edition or Standard Edition 2) is restricted to storing LDAP related data related to the use of Internet Directory as a general purpose LDAP directory. Storing any other data in the Oracle Database (Standard Edition or Standard Edition 2) requires a full use license of Oracle Database (Standard Edition or Standard Edition 2).

**Note:**

If an included product (for example, Oracle Access Manager) comes with restricted-use licenses, the restricted-use licenses still apply when you separately license Oracle Identity and Access Management Suite Plus.

10.14 Oracle Management Pack Plus for Identity Management

The Management Pack for Identity Management enables enterprises to proactively monitor the availability, performance, load, and security metrics of various Identity Management components. This pack helps improve performance and availability, and reduce the cost and complexity of managing Identity Management deployments, including the following environments:

- Directory Integration Platform
- Oracle Access Manager
- Oracle Adaptive Access Manager
- Oracle Directory Server Enterprise Edition (formerly Sun Java Directory Server Enterprise Edition)
- Oracle Identity Federation
- Oracle Identity Manager
- Oracle Internet Directory
- Oracle Unified Directory
- Oracle Virtual Directory

Management Pack Plus for Identity Management includes a restricted use license of Real User Experience Insight. The Key Performance Indicators (KPI) Tracking and Reporting, Complete User Experience Monitoring and Service Modeling components

of Real User Experience Insight (RUEI) are limited to use with Identity Management Products.

For complete license details about Management Pack for Identity Management, see "Identity Management Enterprise Management" in *Oracle Enterprise Manager Licensing Information*. This document is available from the Oracle Enterprise Manager Documentation page at <http://www.oracle.com/technetwork/oem/grid-control/documentation/index.html>.

10.15 Oracle Database License Requirements

Storing any data other than the Oracle Repository Creation Utility database schema in the Oracle Application Server Infrastructure database requires a full use license of the Oracle Database (Standard Edition 2 or Enterprise Edition).

- [Full Use License of Oracle Database Standard Edition 2](#)
- [Full Use License of Oracle Database Enterprise Edition](#)
- [When is a Full Use License of Oracle Database Not Required?](#)

10.15.1 Full Use License of Oracle Database Standard Edition 2

Some examples of the kinds of data that require the purchase of a full use license for the Oracle Database Standard Edition 2 include:

- Documents or any other objects stored in the Oracle Database under Oracle Content Management SDK
- Documents or any kind of content stored in the Portal Repository
- Oracle Integration B2B
- Any BPEL Process Manager process instance data, which includes using Oracle Database as the dehydration store
- Any other custom data that is created or updated by an application

10.15.2 Full Use License of Oracle Database Enterprise Edition

Two kinds of data require the purchase of a full use license of the Oracle Database Enterprise Edition:

- Any Oracle Portal that leverages the VPD functionality of the database for hosting
- Any LDAP data related to the use of an Oracle Internet Directory LDAP Directory, and database replication is used

10.15.3 When is a Full Use License of Oracle Database Not Required?

The following scenarios do not require the purchase of a full use license of the Oracle Database when you purchase Oracle Internet Application Server:

- If you are only using Oracle Web Cache
- If you are using Oracle Business Intelligence Discoverer only against a non-Oracle database

- If you are using Oracle Reports Services only against a non-Oracle database

11

Oracle Application Specific Technology Products

Oracle Application Specific Technology products are designated by the suffix "for Oracle Applications" and are limited use programs.

The current set of Oracle Application Specific Technology products includes the following:

- Oracle Application Management Pack for Oracle Fusion Applications
- Oracle BPEL Process Manager for Oracle Applications
- Oracle Business Intelligence Foundation Suite for Oracle Applications
- Oracle Business Intelligence Publisher for Oracle Applications
- Oracle Business Intelligence Suite Enterprise Edition Plus for Oracle Applications
- Oracle Coherence Enterprise Edition for Oracle Applications
- Oracle Data Integrator Enterprise Edition for Oracle Applications
- Oracle GoldenGate for Oracle Applications
- Oracle Identity and Access Management Suite Plus for Oracle Applications
- Oracle SOA Suite for Oracle Middleware for Oracle Applications
- Oracle Unified Business Process Management Suite for Oracle Applications
- Oracle WebCenter Imaging for Oracle Applications
- Oracle WebCenter Portal for Oracle Applications
- Oracle WebLogic Suite for Oracle Applications
- Endeca Information Discovery for Oracle Applications
- Oracle In-Memory Database Cache for Oracle Applications
- Berkeley DB – High Availability for Oracle Applications
- Berkeley DB – Transactional Data Store for Oracle Applications
- Berkeley DB Java Edition—High Availability for Oracle Applications
- Berkeley DB Java Edition—Transactional Data Store for Oracle Applications

These limited use programs may only be used with "eligible" Oracle application programs and have additional licensing requirements.

For more details see the Applications Licensing Table at the following URL:

<http://www.oracle.com/us/corporate/pricing/application-licensing-table-070571.pdf>

This chapter contains the following sections:

- [License Requirements](#)

11.1 License Requirements

Each Oracle Application Specific Technology product contains the same features as its full use counterpart, but is restricted for use only with the eligible Oracle Application for which it is licensed.

The following Oracle Application Specific Technology products have additional license requirements, described in [Table 11-1](#):

- Oracle Application Management Pack for Oracle Fusion Applications
- Oracle BPEL Process Manager Option for Oracle Applications
- Oracle Business Intelligence Foundation Suite for Oracle Applications
- Oracle Coherence Enterprise Edition for Oracle Applications
- Oracle Data Integrator Enterprise Edition for Oracle Applications
- Oracle Identity and Access Management Suite Plus for Oracle Applications
- Oracle SOA Suite for Oracle Middleware for Oracle Applications
- Oracle WebLogic Suite for Oracle Applications
- Oracle WebCenter Imaging for Oracle Applications
- Oracle WebCenter Portal for Oracle Applications

Table 11-1 Additional License Requirements for Application Specific Technology Products

The following product . . .	May be used only for the following . . .
Oracle Application Management Pack for Oracle Fusion Applications	Application Management Pack for Oracle Fusion Applications can only be licensed with WebLogic Suite/WebLogic Suite for Oracle Applications, together with the SOA Suite for Oracle Middleware/SOA Suite for Oracle Middleware for Oracle Applications and must match the number of licenses to the associated WebLogic Suite/WebLogic Suite for Oracle Applications and the SOA Suite for Oracle Middleware/SOA Suite for Oracle Middleware for Oracle Applications.
Oracle BPEL Process Manager Option for Oracle Applications	Oracle BPEL Process Manager Option for Oracle Applications may be used only to enable business processes, workflow interactions and approvals within eligible Oracle Applications. Workflow interactions between eligible Oracle Applications and, other Oracle Applications or third party applications are allowed as long as they are enabled/initiated within the eligible Oracle Applications. Business Processes defined in BPEL are allowed as long as at least one of the services invoked from within the Business Process access an eligible Oracle Application either natively (via Web Services) or via an adapter.

Table 11-1 (Cont.) Additional License Requirements for Application Specific Technology Products

The following product . . .	May be used only for the following . . .
Oracle Business Intelligence Foundation Suite for Oracle Applications	Oracle Business Intelligence Foundation Suite for Oracle Applications may be used only to perform query, reporting and analysis against a transaction database, data warehouse or an Essbase OLAP cube if: (i) the transaction database is an eligible Oracle Applications transaction database itself or an extraction, in whole or in part, of an eligible Oracle Applications transaction database, without transformation (query, reporting and analysis against a transaction database that is not an eligible Oracle Applications transaction database requires a full use license of Oracle Business Intelligence Foundation Suite); or (ii) the data warehouse is a pre-packaged eligible Oracle Applications data warehouse, with any customizations necessary to reflect customizations made in the eligible Oracle Applications, and restricted only to the eligible Oracle Applications sources (query, reporting and analysis against extensions to the data warehouse drawn from source systems not supported by the pre-packaged data warehouses require a full use license of Oracle Business Intelligence Foundation Suite); or (iii) the dimensions of each Essbase OLAP Cube are sourced from eligible Oracle Applications.
Oracle Coherence Enterprise Edition for Oracle Applications	Coherence Enterprise Edition for Oracle Applications is limited for use within the same JVM as the Oracle Applications components.
Oracle Data Integrator Enterprise Edition for Oracle Applications	Data Integrator Enterprise Edition for Oracle Applications may only be used with the Oracle supplied data integration jobs and customization of the supplied jobs is allowed. For the avoidance of doubt, examples of uses that are not permitted include, but are not limited to, the following: adding new jobs that support different applications, new schemas, or previously unsupported application modules.
Oracle Identity and Access Management Suite Plus for Oracle Applications	Oracle Identity and Access Management Suite Plus for Oracle Applications may be used only to perform associated actions for users of and within the eligible Oracle Applications. Oracle Identity and Access Management Suite Plus for Oracle Applications may be used to do the following: (1) add, delete, modify, and manage user identities and roles in the eligible Oracle Applications; (2) provide web access management and single sign-on into eligible Oracle Applications; (3) provide data storage—or virtualization to data storage—of user identities and user identity related information or authentication and authorization policies for eligible Oracle Applications; (4) provide federated single sign-on to eligible Oracle Applications.
Oracle SOA Suite for Oracle Middleware for Oracle Applications	Oracle SOA Suite for Oracle Middleware for Oracle Applications may be used only to enable integration, business processes, workflow interactions and approvals within eligible Oracle Applications. Workflow interactions between eligible Oracle Applications and other non-eligible Oracle applications or third party applications are allowed as long as they are either initiated or terminated within eligible Oracle Applications. Usage of SOA composites (including but not limited to Rules, Mediator, XSLT transforms, BPEL processes, Spring components, Workflow services and OWSM security policies) is allowed as long as at least one of the services invoked from within each composite accesses an eligible Oracle Application either natively (via Web services) or via an adapter, and the invocation is part of a flow that is either initiated or terminated within eligible Oracle Applications. Oracle Service Bus (OSB) usage is allowed as long as each service deployed accesses an eligible Oracle Application either natively (via Web services) or via an adapter.

Table 11-1 (Cont.) Additional License Requirements for Application Specific Technology Products

The following product . . .	May be used only for the following . . .
Oracle WebLogic Suite for Oracle Applications	Oracle WebLogic Suite for Oracle Applications may be used only as an embedded runtime for eligible Oracle Applications or to deploy customizations to an eligible Oracle Application. The WebLogic global datasources or one of the WebLogic application datasources must be configured to access the schema of an eligible Oracle Application.
Oracle WebCenter Portal for Oracle Applications	Oracle WebCenter Portal for Oracle Applications can be used only to surface the eligible Oracle application and custom applications. Surfacing any third-party applications, including other applications from Oracle, requires a full-use license. Multiple eligible Oracle applications can be surfaced in a single portal instance provided that a WebCenter Portal for Oracle Applications license exists for each eligible application surfaced in the portal. WebCenter Portal for Oracle Applications can be used to integrate the various WebCenter Services (Wikis, Blogs, Discussions, etc.) into an application context, as well as build out custom workflows and notifications between the eligible Oracle application and WebCenter Portal components. The content management features can be used to store and manage documents created outside the eligible application provided that they are related to the eligible application or application context.
Oracle WebCenter Imaging for Oracle Applications	Oracle WebCenter Imaging for Oracle Applications may be used to create and modify imaging searches, modify pre-packaged imaging application document types, and create and modify input mappings to imaging applications. Imaging can also invoke Web service APIs from Oracle Application workflows. A full-use license of WebCenter Imaging is required to define new document types for the management of images unrelated to a pre-packaged Oracle Applications integration, develop custom workflows, and invoke APIs from custom workflows or custom application integrations.

12

Base Oracle Enterprise Manager Cloud Control Functionality

The base installation of Oracle Enterprise Manager Cloud Control 12c includes several features free of charge with the purchase of any Oracle software license or Support contract.

For the list of features that are included with the base functionality of Oracle Enterprise Manager Cloud Control 12c, refer to *Chapter 10: Base Enterprise Manager Functionality* in the Oracle Enterprise Manager Cloud Control 12c Licensing Information documentation available on the Oracle Technology Network (OTN) at the following URL: [Base Enterprise Manager Functionality](#)

A

WebLogic Server Basic

This appendix describes WebLogic Server Basic and the functionality of WebLogic Server, available in the WebLogic Server Basic license.

This appendix includes the following topics:

- [WebLogic Server Basic Overview](#)
- [Installation of WebLogic Server Basic](#)
- [Restricted Primary Services in WebLogic Server](#)
- [Restricted WebLogic Web Services Features](#)
- [Restricted Tooling Features](#)
- [Restricted APIs](#)
- [Feature Usage Measurement](#)

A.1 WebLogic Server Basic Overview

WebLogic Server Basic is a license-constrained version of WebLogic Server that is available in licenses for the following Oracle products:

- Oracle Internet Application Server Standard Edition
- Oracle Forms and Reports
- Oracle Business Intelligence Standard Edition

The license for each edition of Oracle Internet Application Server and for Oracle Forms and Reports enables the right to full use of the WebLogic Server Basic license.

Note:

All editions of the products Oracle Internet Application Server and Oracle Forms and Reports Server include rights to WebLogic Server Basic. WebLogic Server Basic is only for running components provided within these products such as Forms, Reports, Discoverer and Portal. It can also be used for custom Java applications such as those developed for Oracle Containers for J2EE. Products outside of Oracle Internet Application Server and Oracle Forms and Reports that have licensing dependencies on any edition of Oracle Internet Application Server or Oracle Forms and Reports do not have the right to run those products on WebLogic Server Basic unless stated specifically within their licensing documentation.

The WebLogic Server Basic license includes usage rights, with the limitations summarized in [Table A-1](#), to the following WebLogic Server features:

- Core WebLogic application server

- Java Platform, Enterprise Edition (Java EE)
- WebLogic Server management tools, including the Administration Console and WebLogic Scripting Tool
- WebLogic JDBC Drivers, WebLogic Server Clients, and WebLogic and Apache Web Server Plug-Ins
- Basic JMS messaging, deployment, and high availability functionality
- Transactional business logic with persistence with support of JPA and EJB
- Basic WebLogic Server clustering support, including load balancing, failover, and cluster management

[Table A-1](#) summarizes the WebLogic Server features that have usage restrictions under the terms of the WebLogic Server Basic license.

Table A-1 WebLogic Server Basic License Feature Constraints

Feature Category	Summary of Restrictions in WebLogic Server Basic License
Primary services	<p>WebLogic Server provides a number of services to assist with the construction of production architectures that are restricted, or that may not be used, in the WebLogic Server Basic license. These services fall into the following categories:</p> <ul style="list-style-type: none"> • High availability features, such as whole server migration, service migration, custom Work Managers, and overload management • Deployment services and features, such as application versioning; standalone deployment of JMS, JDBC, and WLDF modules; and FastSwap • JMS messaging service features • Services such as the WebLogic Diagnostics Framework, WebLogic SNMP agents, and the WebLogic Tuxedo Connector <p>For details about these services and restrictions on their use, see Restricted Primary Services in WebLogic Server</p>
WebLogic Web Services	<p>Use of the following WebLogic Web Services features is not permitted in the WebLogic Server Basic license:</p> <ul style="list-style-type: none"> • Buffered Web Services • Asynchronous Web Services • Conversational Web Services • JMS transport <p>For information about these WebLogic Web Services features and restrictions on their use, see Restricted WebLogic Web Services Features</p>
Tooling	<p>Use of the following tooling features is not permitted in the WebLogic Server Basic license:</p> <ul style="list-style-type: none"> • Configuration Wizard, or the <code>pack</code> and <code>unpack</code> commands, for creating custom domains • Domain Template Builder, or the <code>pack</code> and <code>unpack</code> commands, for creating domain or domain extension templates • Recording WebLogic Server Administration Console operations as a series of WebLogic Scripting Tool (WLST) commands • Extending the WebLogic Server Administration Console <p>For details about these tooling features and restrictions on their use, see Restricted Tooling Features</p>

Table A-1 (Cont.) WebLogic Server Basic License Feature Constraints

Feature Category	Summary of Restrictions in WebLogic Server Basic License
APIs	<p>Use of the following APIs is not permitted in the WebLogic Server Basic license:</p> <ul style="list-style-type: none"> • Custom or CommonJ Work Manager usage outside the default WebLogic Server Work Manager • WebLogic JMS client for Microsoft .NET and C <p>For details about these APIs and restrictions on their use, see Restricted APIs</p>

A.2 Installation of WebLogic Server Basic

To install WebLogic Server Basic, use any of the WebLogic Server package or net installers as described in Planning the Oracle WebLogic Server Installation in the *Installing and Configuring Oracle WebLogic Server and Coherence*, as appropriate for your platform. Each installer includes the core Java EE application server, Administration Console, Configuration Wizard and Upgrade Framework, WebLogic and third-party JDBC drivers, JMS, WebLogic Server clients, Web server plug-ins, UDDI and Xquery Support, WebLogic Server examples, Oracle Enterprise Pack for Eclipse, and Sun or Oracle JRockit JDKs (depending on platform).

For a description of the individual components of WebLogic Server that may be selectively installed, see *Getting Started With Installation for Oracle WebLogic Server*.

A.3 Restricted Primary Services in WebLogic Server

The following sections describe the primary services in WebLogic Server that may not be used, or that have usage restrictions in, WebLogic Server Basic.

- [High Availability Services](#)
- [Deployment Services and Features](#)
- [JMS Messaging Services](#)
- [Additional Primary Services](#)

A.3.1 High Availability Services

[Table A-2](#) lists and describes the high availability services that have restrictions, or that may not be used, in WebLogic Server Basic.

Table A-2 Primary Services Restricted in WebLogic Server Basic License

Feature	Description
Whole server migration	<p>Whole server-level migration enables a migratable server instance, and all of its services, to be migrated to a different physical computer. When a migratable server becomes unavailable for any reason, for example, if it hangs, loses network connectivity, or its host computer fails—migration is automatic. Upon failure, a migratable server is automatically restarted on the same computer if possible. If the migratable server cannot be restarted on the computer where it failed, it is migrated to another computer.</p> <p>In the license for WebLogic Server Basic, whole server migration is not permitted.</p> <p>For more information about this feature, see <i>Whole Server Migration</i> in the <i>Administering Clusters for Oracle WebLogic Server</i>.</p>
Service migration	<p>In a WebLogic Server cluster, most subsystem services are hosted homogeneously on all server instances in the cluster, enabling transparent failover from one server to another. In contrast, pinned services, such as JMS-related services, the JTA Transaction Recovery Service, and user-defined singleton services are hosted on individual server instances within a cluster—for these services, the WebLogic Server migration framework supports failure recovery with service migration, as opposed to failover. Service-level migration in WebLogic Server is the process of moving the pinned services from one server instance to a different available server instance within the cluster.</p> <p>In the license for WebLogic Server Basic, the configuration and execution of automatic service-level migration is not permitted.</p> <p>For more information about this feature, see <i>Service Migration</i> in the <i>Administering Clusters for Oracle WebLogic Server</i>.</p>
Managed Server cloning	<p>WebLogic Server provides the capability of cloning an existing Managed Server instance that is part of a cluster. This capability is typically used when an administrator wants to make a duplicate copy of an existing Managed Server.</p> <p>In the WebLogic Server Basic license, the use of the WebLogic Server Administration Console for cloning a Managed Server instance is not permitted.</p> <p>For information about how to clone a Managed Server instance, see Clone machinesOracle WebLogic Server Administration Console Online Help in the <i>Oracle WebLogic Server Administration Console Online Help</i>.</p>
MAN and WAN state replication	<p>In addition to providing HTTP session state replication across servers within a cluster, WebLogic Server provides the ability to replicate HTTP session state across multiple clusters in a Metropolitan Area Networks (MAN) or in a Wide Area Network (WAN). This improves high-availability and fault tolerance by allowing clusters to be spread across multiple geographic regions, power grids, and Internet service providers.</p> <p>Resources within a MAN are often in physically separate locations, but are geographically close enough that network latency is not an issue. Network communication in a MAN generally has low latency and fast interconnect. Clusters within a MAN can be installed in physically separate locations which improves availability. Resources in a WAN are frequently spread across separate geographical regions. In addition to requiring network traffic to cross long distances, these resources are often separated by multiple routers and other network bottle necks. Network communication in a WAN generally has higher latency and slower interconnect.</p> <p>Slower network performance within a WAN makes it difficult to use a synchronous replication mechanism like the one used within a MAN. WebLogic Server provides failover across clusters in WAN by using an asynchronous data replication scheme.</p> <p>In the license for WebLogic Server Basic, the use of either the MAN and WAN state replication type is not permitted.</p> <p>For more information about this feature, see <i>Session State Replication Across Clusters in a MAN/WAN</i> in the <i>Administering Clusters for Oracle WebLogic Server</i>.</p>

Table A-2 (Cont.) Primary Services Restricted in WebLogic Server Basic License

Feature	Description
Singleton service	<p>Within an application, or as a standalone artifact, you can define a singleton service that can be used to perform tasks that you want to be executed on only one member of a cluster at any give time. A singleton service is active on exactly one server in the cluster at a time and processes requests from multiple clients. A singleton service is generally backed by private, persistent data, which it caches in memory. It may also maintain transient state in memory, which is either regenerated or lost in the event of failure. Upon failure, a singleton service must be restarted on the same server or migrated to a new server.</p> <p>In the license for WebLogic Server Basic, the configuration of either a standalone or application-provided singleton service is not permitted.</p> <p>For more information about singleton services, see <i>Service Migration in the Administering Clusters for Oracle WebLogic Server</i>.</p>
Cluster constraints deployment	<p>The default cluster deployment behavior ensures homogeneous deployment for all clustered server instances that can be reached at the time of deployment. However, if the Administration Server cannot reach one or more clustered servers due to a network outage, those servers do not receive the deployment request until the network connection is restored.</p> <p>It is possible to change WebLogic Server default deployment behavior for clusters by setting the <code>ClusterConstraintsEnabled</code> option when starting the WebLogic Server domain. This option enforces strict deployment for all servers configured in a cluster. A deployment to a cluster succeeds only if all members of the cluster are reachable and all can deploy the specified files.</p> <p>In the license for WebLogic Server Basic, the use of cluster constraints deployment is not permitted.</p> <p>For more information about cluster constraints deployment, see <i>Enforcing Consistent Deployment to All Configured Cluster Members in the Deploying Applications to Oracle WebLogic Server</i>.</p>
Overload management	<p>WebLogic Server has features for detecting, avoiding, and recovering from overload conditions. WebLogic Server overload protection features help prevent the negative consequences—degraded application performance and stability—that can result from continuing to accept requests when the system capacity is reached.</p> <p>In the license for WebLogic Server Basic, the configuration of any overload protection scheme at either a cluster or server level is not permitted.</p> <p>For more information about overload management, see <i>Avoiding and Managing Overload in the Administering Server Environments for Oracle WebLogic Server</i>.</p>
Server ADMIN and STANDBY mode	<p>The series of states through which a WebLogic Server instance can transition is called the <i>server life cycle</i>. At any time, a WebLogic Server instance is in a particular operating state. Two states in which WebLogic Server can be started include the following:</p> <ul style="list-style-type: none"> • ADMIN — WebLogic Server is up and running, but available only for administration operations, allowing you to perform server and application-level administration tasks. • STANDBY — WebLogic Server does not process any request; its regular Listen Port is closed. The Administration Port is open and accepts life cycle commands that transition the server instance to either the RUNNING or the SHUTDOWN state. Other administration requests are not accepted. <p>Starting a server instance in STANDBY is a method of keeping it available as a "hot" backup, a useful capability in high-availability environments.</p> <p>In the license for WebLogic Server Basic, starting a WebLogic Server instance in either ADMIN or STANDBY state is not permitted.</p> <p>For more information about these operating states, see <i>Understanding Server Life Cycle in the Administering Server Startup and Shutdown for Oracle WebLogic Server</i>.</p>

Table A-2 (Cont.) Primary Services Restricted in WebLogic Server Basic License

Feature	Description
GridLink data sources, also known as Active GridLink for RAC	<p>A single GridLink data source provides connectivity between WebLogic Server and an Oracle Database service targeted to an Oracle RAC cluster. It uses the Oracle Notification Service (ONS) to adaptively respond to state changes in an Oracle RAC instance.</p> <p>In the license for WebLogic Server Basic, the configuration and usage of GridLink data sources are not permitted.</p> <p>For more information about GridLink data sources, see <i>Using GridLink Data Sources in Configuring and Managing JDBC Data Sources for Oracle WebLogic Server</i>.</p>

A.3.2 Deployment Services and Features

[Table A-3](#) lists and describes the deployment services and features that have restrictions, or that may not be used, in WebLogic Server Basic.

Table A-3 WebLogic Deployment Features Restricted in WebLogic Server Basic License

Feature	Description
Production redeployment	<p>Production redeployment strategy involves deploying a new version of an updated application alongside an older version of the same application. WebLogic Server automatically manages client connections so that only new client requests are directed to the new version. Clients already connected to the application during the redeployment continue to use the older version of the application until they complete their work, at which point WebLogic Server automatically retires the older application. This capability is supported by deploying the application in Administration mode, which makes it available only through a configured Administration channel.</p> <p>In the license for WebLogic Server Basic, deploying any application that uses a version identifier is not permitted.</p> <p>For more information about this feature, see <i>Distributing a New Version of a Production Application in the Deploying Applications to Oracle WebLogic Server</i>.</p>
Application Administration mode	<p>Distributing an application copies deployment files to target servers and places the application in a prepared state. You can then start the application in Administration mode, which restricts access to the application to a configured Administration channel so you can perform final testing without opening the application to external client connections or disrupting connected clients. You can start an application in Administration mode with the <code>-adminmode</code> option. After performing final testing, you can either undeploy the application to make further changes, or start the application in Production mode to make it generally available to clients.</p> <p>In the license for WebLogic Server Basic, configuring any application to start in Administration mode is not permitted.</p> <p>For more information, see <i>Administration Mode for Isolating Production Applications in the Deploying Applications to Oracle WebLogic Server</i>.</p>

Table A-3 (Cont.) WebLogic Deployment Features Restricted in WebLogic Server Basic License

Feature	Description
Changing the order of deployment	<p>You can change the deployment order for a deployed application or standalone module by setting the <code>AppDeploymentMBean DeploymentOrder</code> attribute in the Administration Console (or programmatically using the <code>AppDeploymentMBean</code>). The <code>DeploymentOrder</code> attribute controls the load order of deployments relative to one another—modules with lower <code>DeploymentOrder</code> values deploy before those with higher values. By default, each deployment unit is configured with a <code>DeploymentOrder</code> value of 100. Deployments with the same <code>DeploymentOrder</code> value are deployed in alphabetical order using the deployment name. In all cases, applications and standalone modules are deployed after the WebLogic Server instance has initialized dependent subsystems.</p> <p>In the license for WebLogic Server Basic, deploying an application or module with a non-default deployment order setting is not permitted.</p> <p>For more information about deployment order, see <i>Changing the Order of Deployment at Server Startup</i> in the <i>Deploying Applications to Oracle WebLogic Server</i>.</p>
FastSwap	<p>Java SE 6 introduced the ability to redefine a class at run time without dropping its <code>ClassLoader</code> or abandoning existing instances. This allows containers to reload altered classes without disturbing running applications, vastly speeding up iterative development cycles and improving the overall development and testing experiences. The usefulness of the Java EE dynamic class redefinition is severely curtailed, however, by the restriction that the shape of the class—its declared fields and methods—cannot change. The purpose of FastSwap is to remove this restriction in WebLogic Server, allowing the dynamic redefinition of classes with new shapes to facilitate iterative development.</p> <p>With FastSwap, Java classes are redefined in-place without reloading the <code>ClassLoader</code>, thereby having the decided advantage of fast turnaround times. This means that you do not have to wait for an application to redeploy and then navigate back to wherever you were in the Web page flow. Instead, you can make your changes, auto compile, and then see the effects immediately.</p> <p>In the license for WebLogic Server Basic, deploying an application in which FastSwap is enabled is not permitted.</p> <p>For more information about FastSwap, see <i>Using FastSwap Deployment to Minimize Redeployment</i> in the <i>Deploying Applications to Oracle WebLogic Server</i>.</p>
WebLogic JMS and JDBC module deployment	<p>Standalone JDBC, JMS, and WLDF application modules can be deployed similar to standalone Java EE modules. For a standalone JDBC, JMS, or WLDF application module, the target list determines the WebLogic Server domain in which the module is available. JNDI names specified within an application module are bound as global names and available to clients. For example, if you deploy a standalone JDBC application module to a single-server target, applications that require resources defined in the JDBC module can only be deployed to the same server instance. You can target application modules to multiple servers, or to WebLogic Server clusters to make the resources available on additional servers.</p> <p>In the license for WebLogic Server Basic, the standalone deployment of WebLogic JDBC, JMS and WLDF modules is not permitted.</p> <p>For more information, see <i>Deploying JDBC, JMS, and WLDF Application Modules</i> in the <i>Deploying Applications to Oracle WebLogic Server</i>.</p>

A.3.3 JMS Messaging Services

Table A-4 lists and describes the JMS messaging services and features that have restrictions, or that may not be used, in WebLogic Server Basic.

Table A-4 JMS Messaging Services Features Restricted in WebLogic Server Basic License

Feature	Description
Message Unit-of-Order	<p>Message Unit-of-Order is a WebLogic Server value-added feature that enables a standalone message producer, or a group of producers acting as one, to group messages into a single unit with respect to the processing order. This single unit is called a Unit-of-Order and requires that all messages from that unit be processed sequentially in the order they were created.</p> <p>In the license for WebLogic Server Basic, changing the default Unit-of-Order for a message producer is not permitted.</p> <p>For more information about this feature, see Using Message Unit-of-Order in the <i>Developing JMS Applications for Oracle WebLogic Server</i></p>
Unit-of-Work Message Groups	<p>Many applications need an even more restricted notion of a group than provided by the Message Unit-of-Order (UOO) feature. If this is the case for your applications, WebLogic JMS provides the Unit-of-Work (UOW) Message Groups, which allows applications to send JMS messages, identifying some of them as a group and allowing a JMS consumer to process them as such. For example, a JMS producer can designate a set of messages that need to be delivered to a single client without interruption, so that the messages can be processed as a unit. Further, the client will not be blocked waiting for the completion of one unit when there is another unit that is already complete.</p> <p>In the license for WebLogic Server Basic, changing the default value of the <code>UnitOfWorkHandlingPolicy</code> value for a JMS resource is not permitted.</p> <p>For more information about this feature, see Using Unit-of-Work Message Groups in the <i>Developing JMS Applications for Oracle WebLogic Server</i>.</p>
JMS Store-and-Forward agents	<p>The WebLogic Store-and-Forward (SAF) client provides a mechanism whereby standalone clients can reliably send JMS messages to server-side JMS destinations, even when the SAF client cannot reach the JMS destination due to a network connection failure (for example, a temporary blip or a network failure). While disconnected, messages sent by a SAF client are stored locally on the client and are forwarded to server-side JMS destinations once the client is reconnected.</p> <p>In the license for WebLogic Server Basic, configuring any SAF agents is not permitted.</p> <p>For more information about this feature, see Configuring SAF for JMS Messages in the <i>Administering the Store-and-Forward Service for Oracle WebLogic Server</i>.</p>

A.3.4 Additional Primary Services

[Table A-5](#) lists and describes additional services and components that have restrictions, or that may not be used, in WebLogic Server Basic.

Table A-5 Additional Services Restricted in WebLogic Server Basic License

Component or Feature	Description
WebLogic Diagnostics Framework	<p>The WebLogic Diagnostic Framework (WLDF) is a monitoring and diagnostic framework that defines and implements a set of services that run within WebLogic Server processes and participate in the standard server life cycle. Using WLDF, you can create, collect, analyze, archive, and access diagnostic data generated by a running server and the applications deployed within its containers. This data provides insight into the run-time performance of servers and applications and enables you to isolate and diagnose faults when they occur.</p> <p>In the license for WebLogic Server Basic, the use of WLDF is not permitted.</p> <p>For more information about the WebLogic Diagnostic Framework (WLDF), see <i>What Is the WebLogic Diagnostic Framework?</i> in the <i>Configuring and Using the Diagnostics Framework for Oracle WebLogic Server</i>.</p>
WebLogic Server SNMP agents	<p>WebLogic Server SNMP agents query the WebLogic Server management system and communicate the results to managers over the SNMP protocol. The WebLogic Server management system exposes management data through a collection of managed beans (MBeans). When a WebLogic Server SNMP agent receives a request from a manager, it determines which MBean corresponds to the OID in the manager's request. Then it retrieves the data and wraps it in an SNMP response.</p> <p>In the license for WebLogic Server Basic, all SNMP agents must be disabled.</p> <p>For more information about WebLogic Server SNMP agents, see <i>Understanding the WebLogic Server SNMP Agents and MIB</i> in the <i>Fusion Middleware SNMP Management Guide for Oracle WebLogic Server</i>.</p>
WebLogic Tuxedo Connector	<p>The Oracle WebLogic Tuxedo Connector provides interoperability between WebLogic Server applications and Tuxedo services. The connector allows WebLogic Server clients to invoke Tuxedo services and Tuxedo clients to invoke WebLogic Server Enterprise Java Beans (EJBs) in response to a service request.</p> <p>In the license for WebLogic Server Basic, use of Oracle WebLogic Tuxedo Connector is not permitted.</p> <p>For more information about WebLogic Tuxedo Connector, see <i>Introduction to Oracle WebLogic Tuxedo Connector</i> in the <i>Administering WebLogic Tuxedo Connector for Oracle WebLogic Server</i>.</p>
WebLogic HTTP Publish-Subscribe Server	<p>An HTTP Publish-Subscribe Server is a mechanism whereby Web clients subscribe to channels and then publish messages to these channels using asynchronous messages over HTTP.</p> <p>In the license for WebLogic Server Basic, use of the WebLogic HTTP Publish-Subscribe Server is not permitted.</p> <p>For more information about this feature, see <i>Using the HTTP Publish-Subscribe Server</i> in the <i>Developing Web Applications, Servlets, and JSPs for Oracle WebLogic Server</i>.</p>
Use of Work Managers to prioritize and optimize work	<p>WebLogic Server prioritizes work and allocates threads based on an execution model that takes into account administrator-defined parameters and actual run-time performance and throughput.</p> <p>Administrators can configure a set of scheduling guidelines and associate them with one or more applications, or with particular application components. For example, you can associate one set of scheduling guidelines for one application, and another set of guidelines for other applications. At run time, WebLogic Server uses these guidelines to assign pending work and enqueued requests to execution threads.</p> <p>In the license for WebLogic Server Basic, the creation of either global or application-specific Work Managers to modify the default work model is not permitted.</p> <p>For more information about Work Managers, see <i>Understanding Work Managers</i> in the <i>Administering Server Environments for Oracle WebLogic Server</i>.</p>

A.4 Restricted WebLogic Web Services Features

[Table A-6](#) describes the WebLogic Web Services features that are not available for use under the terms of the WebLogic Server Basic license.

Table A-6 WebLogic Web Services Features Restricted in WebLogic Server Basic License

Feature	Description
Buffered Web Services	<p>When a buffered operation is invoked by a client, the method operation goes on a JMS queue and WebLogic Server deals with it asynchronously. As with Web Service reliable messaging, if WebLogic Server goes down while the method invocation is still in the queue, it will be dealt with as soon as WebLogic Server is restarted. When a client invokes the buffered Web Service, the client does not wait for a response from the invoke, and the execution of the client can continue.</p> <p>In the license for WebLogic Server Basic, the use of buffered Web Services is not permitted.</p> <p>For more information about this feature, see Creating Buffered Web Services in the <i>Programming Advanced Features of JAX-RPC Web Services for Oracle WebLogic Server</i>.</p>
Asynchronous Web Services	<p>When you invoke a Web Service synchronously, the invoking client application waits for the response to return before it can continue with its work. In cases where the response returns immediately, this method of invoking the Web Service is common. However, because request processing can be delayed, it is often useful for the client application to continue its work and handle the response later on, or in other words, use the asynchronous request-response feature of WebLogic Web Services.</p> <p>In the license for WebLogic Server Basic, the use of the asynchronous request-response feature is not permitted.</p> <p>For more information about this feature, see Invoking a Web Service Using Asynchronous Request-Response in the <i>Programming Advanced Features of JAX-RPC Web Services for Oracle WebLogic Server</i>.</p>
Conversational Web Services	<p>A Web Service and the client application that invokes it may communicate multiple times to complete a single task. Also, multiple client applications might communicate with the same Web Service at the same time. Conversations provide a straightforward way to keep track of data between calls and to ensure that the Web Service always responds to the correct client.</p> <p>In the license for WebLogic Server Basic, the use of conversational Web Services is not permitted.</p> <p>For more information about this feature, see Creating Conversational Web Services in the <i>Programming Advanced Features of JAX-RPC Web Services for Oracle WebLogic Server</i>.</p>
JMS transport	<p>WebLogic Web Services may be configured to use the JMS transport as an alternative to the HTTP/HTTPS connection protocol for use by WebLogic clients. Using JMS transport offers the following benefits: reliability, scalability, and quality of service. As with Web Service reliable messaging, if WebLogic Server goes down while the method invocation is still in the queue, it will be dealt with as soon as WebLogic Server is restarted. When a client invokes a Web Service, the client does not wait for a response from the invoke, and the execution of the client can continue.</p> <p>In the license for WebLogic Server Basic, the use or configuration of JMS transport in either WebLogic Web Services or WebLogic Web Services clients is not permitted.</p> <p>For more information about this feature, see Using JMS Transport as the Connection Protocol in the <i>Programming Advanced Features of JAX-RPC Web Services for Oracle WebLogic Server</i>.</p>

A.5 Restricted Tooling Features

[Table A-7](#) describes the tooling features in WebLogic Server that are not available for use under the terms of the WebLogic Server Basic license.

Table A-7 WebLogic Server Tooling Features Restricted in WebLogic Server Basic

Feature	Description
Configuration Wizard, Domain Template Builder, and pack and unpack commands	<p>The Configuration Wizard guides you through the process of creating a domain for your target environment by selecting the WebLogic Server components to include in your domain, or by using domain templates. If required, you can also customize the domain to suit your environment by adding and configuring Managed Servers, clusters, and computer definitions, or customizing predefined JDBC data sources, and JMS file store directories.</p> <p>After you create a domain and add resources and applications to it, you can use the Domain Template Builder, or pack and unpack commands, to create a custom domain or domain extension template. These templates provides a convenient means to replicate a domain, or domain extension, throughout your environment.</p> <p>In the license for WebLogic Server Basic: none of the following are permitted:</p> <ul style="list-style-type: none"> • Use of the Configuration Wizard to create domains based on templates not supplied by Oracle • Use of the Domain Template Builder to create custom domain or domain extension templates • Use of the pack or unpack commands to create custom domains, domain extension, domain templates, or domain extension templates <p>For more information about these tools, see the following:</p> <ul style="list-style-type: none"> • Introduction to WebLogic Domains in the <i>Creating WebLogic Domains Using the Configuration Wizard</i>. • Overview of the Domain Template Builder in the <i>Creating Domain Templates Using the Domain Template Builder</i>. • Overview of the pack and unpack Commands in the <i>Creating Templates and Domains Using the Pack and Unpack Commands</i>.
Recording Administration Console operations	<p>To help automate the task of configuring a domain, you can record your configuration actions in the WebLogic Server Administration Console as a series of WebLogic Scripting Tool (WLST) commands and then use WLST to replay the commands.</p> <p>In the license for WebLogic Server Basic, use of the Record element in the Administration Console tool bar is not permitted.</p> <p>For more information about this feature, see Record WLST Scripts Record WLST Scripts Oracle WebLogic Server Administration Console Online Help in the <i>Oracle WebLogic Server Administration Console Online Help</i>.</p>
Extending the Administration Console	<p>Administration Console extensions enable you to add content to the WebLogic Server Administration Console, replace content, and change the logos, styles and colors without modifying the files that are installed with WebLogic Server. For example, you can add content that provides custom monitoring and management facilities for your applications.</p> <p>In the license for WebLogic Server Basic, the modification or extension of the Administration Console is not permitted. This restriction is placed on making any additions or changes to the Administration Console using the console extension mechanism.</p> <p>For more information about this feature, see Extending the Administration Console for Oracle WebLogic Server.</p>

A.6 Restricted APIs

Table A-8 describes the APIs in WebLogic Server that have restricted use under the terms of the WebLogic Server Basic license.

Table A-8 WebLogic Server APIs Restricted in WebLogic Server Basic

API	Description
Use of CommonJ Work Manager for application initiated work	<p>WebLogic Server also provides a programmatic way of handling work from within an application. This is provided through the CommonJ API. WebLogic Server implements the <code>commonj.work</code> and <code>commonj.timers</code> packages of the CommonJ specification.</p> <p>In the license for WebLogic Server Basic, the use of CommonJ Work Manager for application initiated work is not permitted.</p> <p>For more information about this feature, see <i>Using CommonJ With WebLogic Server in the Administering Server Environments for Oracle WebLogic Server</i>.</p>
WebLogic JMS clients for Microsoft .NET and C	<p>The WebLogic JMS .NET client is a fully-managed .NET run-time library and application programming interface (API). It enables programmers to create .NET C# client applications that can access WebLogic Java Message Service (JMS) applications and resources.</p> <p>The WebLogic JMS C API is an application program interface that enables you to create C client applications that can access WebLogic JMS applications and resources. The C client application then uses the Java Native Interface (JNI), described at http://download.oracle.com/javase/1.5.0/docs/guide/jni/index.html, to access the client-side Java JMS classes</p> <p>In the license for WebLogic Server Basic, the use of WebLogic JMS clients for .NET and C is not permitted.</p> <p>For more information about the WebLogic JMS .NET client, see <i>Introduction and Roadmap in the Developing JMS .NET Client Applications for Oracle WebLogic Server</i>.</p> <p>For more information about the WebLogic JMS C API, see <i>WebLogic JMS C API in the Developing JMS Applications for Oracle WebLogic Server</i>.</p>

A.7 Feature Usage Measurement

It is the end user's responsibility to ensure that the features available in WebLogic Server Basic are used in accordance with the terms of the license agreement. This section explains how the appropriate usage of license-restricted features can be easily measured, or how their usage can be prevented, to help ensure that each installation of WebLogic Server Basic is used in accordance with the terms of the license agreement.

To help with determining that WebLogic Server is being used in accordance with the WebLogic Server Basic license, a WLST script is available from My Oracle Support that you can download and run. This script is described in the following My Oracle Support article:

Doc ID: **885587.1**

Subject: **WebLogic Server Basic Feature Usage Measurement Script**

This script measures the features of a WebLogic Server installation and generates a report that provides data about the usage or configuration of restricted WebLogic Server features defined by WebLogic Server Basic. Not every license-restricted feature is measured by this script, so its coverage is not exhaustive. But it can simplify feature usage measurement of most restricted features. (None of the data gathered by this script is transmitted or reported anywhere, and the use of this script is not mandatory. It is provided only as a convenience.) You can log in to My Oracle Support at the following URL to obtain this script:

<https://support.oracle.com/CSP/ui/flash.html>

For each license-restricted feature in WebLogic Server Basic, [Table A-9](#) provides the following information:

- A description of the specific license restriction associated with the feature. If the feature can be disabled by a specific configuration setting, this table identifies that setting.
- Whether the measurement script can confirm that the feature is being used in accordance with the WebLogic Server Basic license.

Table A-9 Methods of Determining License Compliance

Feature	Restriction and Method of Measurement
Whole server migration	<p>This feature may not be used.</p> <p>Whole server migration must be disabled.</p> <p>You can confirm that whole server migration is disabled in a domain either by viewing Migratable Targets in the Administration Console or by examining the values of the following MBean attributes:</p> <ul style="list-style-type: none"> • <code>ServerMBean::AutoMigrationEnabled</code> • <code>ClusterMBean::MigrationBasis</code> <p>You can obtain the values of these attributes by running the measurement script.</p>
Service migration	<p>This feature may not be used.</p> <p>Make sure that none of the following services are configured in the domain:</p> <ul style="list-style-type: none"> • Server Migration framework • User defined Singleton Services • Migratable targets with migration policy other than manual • Clustered EJB Timers • JTA Transaction Recovery service <p>You can determine whether these services are configured by running the measurement script.</p>
MAN/WAN state replication	<p>The use of either of these replication types is not permitted.</p> <p>You can confirm that these replication types are not configured by running the measurement script.</p>
Managed Server cloning	<p>You may not enable the Clone attribute, which is available in the Administration Console by navigating to the Environment > Machines page.</p>
Singleton services	<p>Configuring either a standalone or application-provided singleton service is not permitted.</p> <p>You can confirm that no singleton services are configured by running the measurement script.</p>
GridLink data sources (also known as Active GridLink for RAC)	<p>By validating the within the JDBC data source configuration files the elements <code><fan-enabled></code>, <code><ons-node-list></code> and <code><ons-wallet-file></code> are not configured.</p>
Cluster constraints deployment	<p>Setting the <code>ClusterConstraintsEnabled</code> option in a cluster is not permitted.</p> <p>You can confirm that this feature is not in use by running the measurement script.</p>

Table A-9 (Cont.) Methods of Determining License Compliance

Feature	Restriction and Method of Measurement
Overload management	<p>Configuring any of the following overload protection schemes at either a cluster or server level is not permitted:</p> <ul style="list-style-type: none"> • Limiting requests in the thread pool. You may not change the value of the Shared Capacity For Work Managers attribute in the Administration Console from the default value of 65536. • Limiting HTTP sessions. You may not use <code><max-in-memory-sessions></code> in the <code><session-descriptor></code> element of the Web application deployment descriptor file. • Exiting on "Out of Memory" exceptions. You may not configure this, either in the Administration Console or by editing the <code>config.xml</code> file. • Stuck thread handling. You may not configure WebLogic Server to exit if all application threads are stuck. <p>You can confirm this feature is not used by running the measurement script.</p>
Server ADMIN and STANDBY mode	<p>You may not use the ADMIN or STANDBY parameters in the command to start a WebLogic Server instance.</p> <p>You can confirm that neither of these states is enabled by running the measurement script.</p>
Production redeployment	<p>Deploying an application in which a version identifier is specified, either indirectly through the <code>manifest.mf</code> file or directly through the <code>weblogic.Deployer</code> utility, is not permitted.</p> <p>You can confirm this feature is not used by running the measurement script.</p>
Application Administration mode	<p>You may not use the <code>-adminmode</code> option to start any application hosted in a WebLogic Server instance.</p> <p>You can confirm this feature is not used by running the measurement script.</p>
Changing the order of deployment	<p>This feature may not be used.</p> <p>Do not change the value of the Deployment Order attribute, which can be set in the Administration Console or in the <code>DeploymentOrder</code> attribute of the <code>AppDeploymentMBean</code>.</p> <p>You can confirm this feature is not used by running the measurement script.</p>
FastSwap	<p>This feature may not be used.</p> <p>Make sure the <code><fast-swap>true</fast-swap></code> element is not present in the <code>weblogic-application.xml</code> file.</p> <p>You can confirm this feature is not used by running the measurement script.</p>
Deploying standalone JMS, JDBC, and WLDF modules	<p>The deployment of standalone JMS, JDBC, or WLDF modules is not permitted. This restriction encompasses both module-level targeting as well as sub-module targeting.</p> <p>You can confirm this feature is not used by running the measurement script.</p>

Table A-9 (Cont.) Methods of Determining License Compliance

Feature	Restriction and Method of Measurement
Message Unit-of-Order	Configuring a JMS resource in which the default Unit-of-Order for a message producer is changed from the default value of None is not permitted. You can confirm this feature is not used by running the measurement script.
Unit-of-Work Message Groups	Configuring a JMS resource to set the value of <code>UnitOfWorkHandlingPolicy</code> to anything other than the default value of <code>Pass-Through</code> is not permitted. You can confirm this feature is not used by running the measurement script.
JMS Store-and-Forward agents	Configuring any store and forward agents is not permitted. You can confirm this feature is not used by running the measurement script.
WebLogic Diagnostics Framework	The WebLogic Diagnostics Framework may not be configured. You can confirm this feature is not used by running the measurement script.
WebLogic Server SNMP agents	All SNMP agents must be disabled. You can confirm this feature is not used by running the measurement script.
WebLogic Tuxedo Connector	This component may not be used.
WebLogic HTTP Publish-Subscribe Server	The installation of this component is not permitted.
Use of custom Work Managers to prioritize and optimize work	This feature may not be used. You can confirm that no custom Work Managers are configured in the domain by examining the value of the <code>WorkManagerMBean</code> . Note that the Console Work Manager is permitted in the WebLogic Server Basic license. This configuration MBean is accessed in the run-time tree or configuration tree, depending on how the Work Manager is accessed by an application: <ul style="list-style-type: none"> • If a Work Manager is defined at the module level, the <code>WorkManagerRuntimeMBean</code> is available through the corresponding <code>ComponentRuntimeMBean</code>. • If a Work Manager is defined at the application level, then <code>WorkManagerRuntimeMBean</code> is available through the <code>ApplicationRuntimeMBean</code>. • If a Work Manager is defined globally in the domain, each application creates its own instance of the Work Manager. Each application has its own corresponding <code>WorkManagerRuntimeMBean</code> available at the application level.

Table A-9 (Cont.) Methods of Determining License Compliance

Feature	Restriction and Method of Measurement
Buffered Web Services	<p>Using the buffered Web Services feature of WebLogic Web Services is not permitted. None of the following tasks involving the use of this feature are permitted by the WebLogic Server Basic license:</p> <ul style="list-style-type: none"> • Configuring a WebLogic Server instance for buffered Web Services • Implementing or deploying a buffered Web Service • Implementing a client that invokes a buffered Web Service
Asynchronous Web Services	<p>Using the asynchronous request-response feature of WebLogic Web Services is not permitted. None of the following tasks involving the use of this feature are permitted by the WebLogic Server Basic license:</p> <ul style="list-style-type: none"> • Configuring a WebLogic Server instance so that asynchronous Web Services may be deployed on it • Implementing or deploying clients that invoke Web Services asynchronously
Conversational Web Services	<p>Implementing or deploying a Web Service that uses the conversational Web Service feature of WebLogic Web Services is not permitted.</p>
JMS transport	<p>Configuring or using the JMS transport feature of WebLogic Web Services as a connection protocol for invoking Web Services is not permitted. None of the following tasks involving the use of this feature are permitted by the WebLogic Server Basic license:</p> <ul style="list-style-type: none"> • Configuring the JMS transport Web Service in a WebLogic domain • Using the @WLJmsTransport JWS annotation in a Web Service • Creating Web Service clients that use the JMS transport
Configuration Wizard, or the pack and unpack commands, for creating custom domains	<p>Only domain templates and domain extension templates provided by Oracle may be used to create WebLogic domains. The use of these tools to create custom domains, create custom domain extension templates, or modify an existing domain through a custom domain extension template, is not permitted.</p>
Domain Template Builder, or the pack and unpack commands, for creating domain or domain extension templates	<p>The following tools may not be used:</p> <ul style="list-style-type: none"> • Domain Template Builder • pack command • unpack command
Recording WebLogic Server Administration Console operations as a series of WebLogic Scripting Tool (WLST) commands	<p>You may not use this feature in the Administration Console.</p>
Extending the WebLogic Server Administration Console	<p>You may not modify the WebLogic Server Administration Console through using the console extension feature.</p>
Custom or CommonJ Work Manager usage outside the default WebLogic Server Work Manager	<p>Any use of the CommonJ API in deployed applications is not permitted.</p>

Table A-9 (Cont.) Methods of Determining License Compliance

Feature	Restriction and Method of Measurement
WebLogic JMS client for Microsoft .NET and C	Neither JMS client may be used.

B

Oracle Access Manager Basic

This appendix describes Oracle Access Manager Basic and the functionality of Oracle Access Manager, available in the Oracle Access Manager Basic license.

This appendix includes the following topics:

- [Oracle Access Manager Basic Overview](#)
- [Oracle Access Manager Basic License Feature Constraints](#)

B.1 Oracle Access Manager Basic Overview

Oracle Access Manager Basic is a version of Oracle Access Manager that is available in licenses for the following Oracle products:

- Oracle Internet Application Server Standard Edition
- Oracle Internet Application Server Standard Edition One
- Oracle Internet Application Server Enterprise Edition
- Oracle Forms and Reports

The license for each edition of Oracle Internet Application Server enables the right to use of the Oracle Access Manager Basic license.

Oracle Access Manager Basic is only for providing single sign-on capabilities to Oracle Internet Application Server and for custom Java applications previously developed for Oracle Containers for Java EE (OC4J). Oracle Access Manager Basic license rights are also granted to Oracle Forms and Reports running on Weblogic Server for authentication services to users accessing Oracle Forms and Reports. For certification matrix covering system requirements and supported platforms for Oracle Forms and Reports see: <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>. Notwithstanding the foregoing, no other products and applications have the right to use Oracle Access Manager Basic.

The Oracle Access Manager Basic license includes Oracle Access Manager usage rights, with the limitations summarized below:

- No explicit usage of Access Manager SDK
- No explicit usage of Custom Plug-Ins
- LDAP limited to Oracle Internet Directory
- Application Server limited to Oracle Containers for Java EE (OC4J) or WebLogic Server
- Web Server limited to Oracle HTTP Server (OHS)
- No integration with Oracle Adaptive Access Manager permitted
- No integration with Oracle Identity Federation permitted

B.2 Oracle Access Manager Basic License Feature Constraints

Table B-1 summarizes the Oracle Access Manager features that have usage restrictions under the terms of the Oracle Access Manager Basic license. For full use of these capabilities you are required to license Oracle Access Manager.

Table B-1 Oracle Access Manager Basic License Feature Constraints

Feature Category	Summary of Restrictions in Access Manager Basic License
Access Manager SDK	<p>The Access Manager SDK is used to create custom Access Gates for protecting resources protected by Access Manager.</p> <p>Use of the Access Manager SDK is not permitted in the Access Manager Basic License.</p>
Custom Plug-Ins	<p>Oracle Access Manager provides APIs that allow software developers to write custom programs or components that integrate closely with Oracle Access Manager. These modules may represent anything from custom extensions of base Oracle Access Manager functionality to significant applications that are outside of Oracle Access Manager, but need to interact with Oracle Access Manager for identity or access control functions.</p> <p>Use of Custom Plug-Ins is not permitted in the Access Manager Basic License.</p>
LDAP	<p>Oracle Access Manager supports a range of directory technologies for storing identity and policy data.</p> <p>The Access Manager Basic License only permits the use of Oracle Internet Directory for the storage of identity and policy data—no other directory use is permitted.</p> <p>Notwithstanding the foregoing, use of Active Directory as a repository exclusively to permit Kerberos authentication to Oracle Access Manager Basic secured applications is permitted.</p>
Application Servers	<p>Oracle Access Manager can be integrated with a variety of application server containers.</p> <p>The Access Manager Basic License only permits integration with Containers for Java EE (OC4J) or WebLogic Server—integration with other application servers or containers is not permitted.</p>
Web Servers	<p>Oracle Access Manager can be integrated with a variety of Web servers.</p> <p>The Access Manager Basic License only permits integration with Oracle HTTP Server (OHS)—integration with other Web servers is not permitted.</p>
Adaptive Access Manager Integration	<p>Oracle Adaptive Access Manager provides Web access, real-time fraud detection, and multi-factor online authentication security for the enterprise.</p> <p>The Access Manager Basic License does not permit integration with Oracle Adaptive Access Manager.</p>

Table B-1 (Cont.) Oracle Access Manager Basic License Feature Constraints

Feature Category	Summary of Restrictions in Access Manager Basic License
Identity Federation Integration	Users need to access content on different corporate Web sites. Corporate Web sites need to authenticate and authorize users from different domains that use different security products. The Oracle Identity Federation product addresses these problems. The Access Manager Basic License does not permit integration with Oracle Identity Federation.

C

Oracle Entitlements Server Basic

This appendix describes Oracle Entitlements Server and functionality of Oracle Entitlements Server Security Module, available in the Oracle Entitlements Server Basic license.

This appendix includes the following topics:

- [Oracle Entitlements Server Basic Overview](#)
- [Oracle Entitlements Server Basic License Feature Constraints](#)

C.1 Oracle Entitlements Server Basic Overview

Oracle Entitlements Server Basic replaces the embedded authorization engine within Oracle Platform Security Services (OPSS) and is used to define, enforce and audit basic Role Based Access Control and Java2/JAAS permission based authorization policies. A license of Oracle Entitlements Server Basic is included and available for use only with Oracle products that lists this component in their respective licensing documentation.

C.2 Oracle Entitlements Server Basic License Feature Constraints

[Table C-1](#) summarizes the Oracle Entitlements Server and Oracle Entitlements Server Security Module features that have usage restrictions under the terms of the Oracle Entitlements Server Basic license. For full use of these capabilities you are required to license Oracle Entitlements Server and Oracle Entitlements Server Security Module.

 **Note:**

Oracle Entitlements Server Basic included in Oracle WebLogic Server editions via the inclusion of Oracle TopLink and Oracle Application Development Framework is only for applications built on Oracle Application Development Framework.

Table C-1 Oracle Entitlements Server Basic License Feature Constraints

Feature Category	Summary of Restrictions in Oracle Entitlements Server Basic License
Role Based Access Control (RBAC) and Java2 / JAAS permissions	<p>RBAC and Java2/JAAS permissions are two authorization standards supported in Oracle Entitlements Server.</p> <p>Oracle Entitlements Server Basic permits use of RBAC and Java2/JAAS permissions to define, enforce, and audit authorizations for the Oracle products that includes Oracle Entitlements Server Basic.</p> <p>Only positive "grant" or "permit" based authorization policies are permitted under the Oracle Entitlements Server Basic license.</p>
Resources & Roles	<p>Oracle Entitlements Server enables applications to define resource catalogs, application roles, role hierarchies, authorization policies, and dynamic role mapping policies.</p> <p>Oracle Entitlements Server Basic only permits use of authorization for Java2/JAAS permissions and resources based on resource types that are out of the box secured by Oracle products that includes Oracle Entitlements Server Basic. Use of Application roles, role hierarchies, and static (unconditional) role assignment is permitted under Oracle Entitlements Server Basic License.</p> <p>Use of dynamic role mapping policies is not permitted under the Oracle Entitlements Server Basic license.</p>
XACML, Attribute Based Access Control (ABAC), Data Security	<p>XACML, ABAC, and Data Security are authorization standards / models supported in Oracle Entitlements Server and enables organizations to define and enforce advanced, rule based role mapping and authorization policies based on Conditions and Obligations.</p> <p>Use of XACML, ABAC, attributes, functions, controlling access to data, Conditions and Obligations is not permitted in the Oracle Entitlements Server Basic License.</p>
Custom, 3rd party Application, Middleware, Application Server, Database Support	<p>Oracle Entitlements Server enables organizations to define, enforce and manage authorization policies to a broad variety of applications, middleware, application servers, and databases.</p> <p>Authorization and integration with / for 3rd party (non-Oracle) applications, middleware, application servers, and databases is not permitted under the Oracle Entitlements Server Basic License.</p> <p>Oracle Entitlements Server Basic only permits integration with custom applications built using Oracle Fusion Middleware technologies which includes Oracle Entitlements Server Basic, subject to all license terms / restrictions defined for Oracle Entitlements Server Basic.</p>
Audit & Administration UI	<p>Oracle Entitlements Server enables organizations to administer authorization and role mapping policies as well as audit authorization decisions and policy changes at runtime.</p> <p>Oracle Entitlements Server Basic permits use of the Oracle Entitlements Server Administration UI console (Authorization Policy Manager) subject to all license terms / restrictions defined for Oracle Entitlements Server Basic. Auditing and reporting of audit data is permitted.</p>

Table C-1 (Cont.) Oracle Entitlements Server Basic License Feature Constraints

Feature Category	Summary of Restrictions in Oracle Entitlements Server Basic License
PDP / Security Module deployment	<p>Oracle Entitlements Server provides organizations with multiple deployment options for the Oracle Entitlements Server PDP / Security Module.</p> <p>Oracle Entitlements Server Basic only permits use of the default embedded PDP / Security Module that is preinstalled with Oracle Fusion Middleware technologies and Oracle Applications that include Oracle Entitlements Server Basic. Only the default "Uncontrolled Pull" policy distribution mode and the embedded/in process deployment mode of the authorization engine is allowed as part of Oracle Entitlements Server Basic.</p>
Oracle Entitlements Server SDK's	<p>Oracle Entitlements Server SDK's provide runtime authorization decisions and tooling for managing Oracle Entitlements Server artifacts.</p> <p>Oracle Entitlements Server Basic permits use of Java based Oracle Entitlements Server runtime authorization decision API's only for applications built on Oracle Fusion Middleware technologies that includes Oracle Entitlements Server Basic, subject to all license terms / restrictions defined for Oracle Entitlements Server Basic.</p> <p>Administration and authoring of policy related artifacts through Oracle Entitlements Server management (MAPI) SDK's is not permitted under the Oracle Entitlements Server Basic license.</p>
Policy Store	<p>Oracle Entitlements Server provides organizations with a large number of options on where to store authorization policies.</p> <p>Oracle Entitlements Server Basic permits storage of authorization policies and related artifacts in the certified policy stores.</p>
Policy Simulation	<p>Oracle Entitlements Server provides organizations with facilities to simulate the evaluation and outcome of authorization and role mapping policies.</p> <p>Usage of the Policy Simulation UI is permitted under the Oracle Entitlements Server Basic license, subject to all license terms / restrictions defined for Oracle Entitlements Server Basic.</p>
Identity Store	<p>Oracle Entitlements Server enables organizations to use / reference one or more identity stores, typically LDAP servers or databases, for user and external roles / group information.</p> <p>Oracle Entitlements Server Basic permits use of a global identity store / configuration for the applications being managed. Use of application specific identity stores is not permitted under Oracle Entitlements Server Basic.</p>

D

Oracle WebLogic Management Framework

Oracle WebLogic Management Framework is a comprehensive set of features from Oracle WebLogic Server and Oracle Coherence providing consistent management capabilities for Fusion Middleware products in which it is expressly included.

This appendix describes the WebLogic Server and Coherence features available in WebLogic Management Framework. It includes the following topics:

- [Oracle WebLogic Management Framework Overview](#)
- [Oracle WebLogic Management Framework Features and License](#)
- [Installation of Oracle WebLogic Management Framework](#)

D.1 Oracle WebLogic Management Framework Overview

WebLogic Management Framework provides heterogeneous management capabilities for Oracle Fusion Middleware products that require basic administrative capabilities. Its capabilities include start, stop, configuration settings and other such basic product lifecycle operations through a common command line, API and user interface. WebLogic Management Framework is comprised of specific WebLogic Server and Coherence features.

D.2 Oracle WebLogic Management Framework Features and License

Table D-1 and Table D-2 summarize the Oracle WebLogic Server and Oracle Coherence features that are available as part of WebLogic Management Framework.

Each WebLogic Management Framework feature is limited to use solely with the Oracle products for which WebLogic Management Framework is listed as a component in each product's product licensing documentation. For full use of these features independent of the WebLogic Management Framework, you must separately license other Oracle products. For the WebLogic Server features you are required to license WebLogic Server Standard Edition, WebLogic Server Enterprise Edition, or WebLogic Suite; and for the Coherence features you are required to license Coherence Standard Edition, Enterprise Edition, or Coherence Grid Edition.

Table D-1 Oracle WebLogic Management Framework Features: Oracle WebLogic Server

Feature	Description
WebLogic Server Administration Server	WebLogic Administration Server is a central control entity for managing the configuration of server infrastructure. http://docs.oracle.com/cd/E28280_01/web.1111/e13716/understand_domains.htm#sthref8

Table D-1 (Cont.) Oracle WebLogic Management Framework Features: Oracle WebLogic Server

Feature	Description
WebLogic Scripting Tool	WebLogic Scripting Tool is a tool for scripting the configuration of server infrastructure. http://docs.oracle.com/cd/E28280_01/web.1111/e13715/using_wlst.htm
WebLogic Server JMX and MBean infrastructure	WebLogic Server JMX and MBean infrastructure provides a set of Mbeans for monitoring, configuring and managing WebLogic Server and its resources. http://docs.oracle.com/cd/E28280_01/web.1111/e13728/understandwls.htm#JMXCU112
Weblogic.deployer	WebLogic.deployer is a command lined based tool for deploying Java archives to server infrastructure. http://docs.oracle.com/cd/E28280_01/web.1111/e13702/wldeployer.htm#i1010724
WebLogicServer RESTful Management Services	WebLogic Server RESTful Management Services provides representational state transfer (REST) resources that enable you to monitor server infrastructure through HTTP requests and responses. http://docs.oracle.com/cd/E28280_01/web.1111/e24682/toc.htm#CHDGIHJI
WebLogic Server Administration Console	WebLogic Server Administration Console provides a browser based graphical user interface for administering WebLogic server infrastructure. http://docs.oracle.com/cd/E28280_01/apirefs.1111/e13952/index.html
Fusion Middleware Management Console	Fusion Middleware Control console is a browser based graphical user interface for administering Fusion Middleware server infrastructure.
Fusion Middleware Configuration Wizard	Fusion Middleware Configuration Wizard provides a graphical user driven wizard interface for creating and configuring Fusion Middleware server infrastructure. http://docs.oracle.com/cd/E28280_01/web.1111/e14140/intro.htm#i1061120
WebLogic Server Node Manager	WebLogic Server Node Manager is a utility that enables you to start, shut down, and restart Administration Server and Managed Server instances from a remote location. http://docs.oracle.com/cd/E28280_01/web.1111/e13740/overview.htm#NODEM112

A license to WebLogic Management Framework includes a restricted-use license to Oracle WebLogic Server Standard Edition. Oracle WebLogic Server Standard Edition may be used solely for hosting the Java servlet that is used by Oracle REST Data Services. The Java servlet is the functional replacement for Oracle HTTP Server mod_plsql.

Table D-2 Oracle WebLogic Management Framework Features: Oracle Coherence

Feature	Description
Coherence Caching for WebLogic Management Framework	Coherence caching is used to communicate management events in memory for the WebLogic Management Framework.

D.3 Installation of Oracle WebLogic Management Framework

Oracle WebLogic Management Framework is provided as a set of features within the standard installer distribution of Oracle Fusion Middleware WebLogic Server and Oracle Coherence.

E

Third-Party Licenses

This appendix includes the following topics with complete information of all the third-party products used by Oracle components in Oracle Fusion Middleware. It alphabetically lists all the providers, corresponding components, and their applicable license and reference information.

- [Table of Third-Party Licenses](#)

E.1 Table of Third-Party Licenses

The following [Table E-1](#) lists the license information of third-party components alphabetically ordered by provider name.

Table E-1 License Information of Third-Party Components Alphabetically Ordered by Provider Name

Provider	Component(s)	Licensing Information
A. Abram White	Serp 1.13.1	For a copy of the license, see Serp License .

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
A. Abram White	Serp 1.14.2	<p>Serp is an open source framework for manipulating Java bytecode (http://serp.sourceforge.net)</p> <p>Licensed under the Serp License. You may obtain a copy of the License at: http://serp.sourceforge.net/site/license.html.</p> <p>All rights reserved.</p> <p>Copyright (c) 2002, A. Abram White</p> <p>All rights reserved.</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>For more information on this license and/or for a copy of the license, see Serp License.</p>

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
A. Abram White	serp.jar 1.14.1, 1.14.2, 1.15.1	<p>Serp BSD-style License</p> <p>For Serp 1.14.1 Copyright (c) 2002-2007, A. Abram White All rights reserved.</p> <p>For Serp 1.14.2 Copyright (c) 2002, A. Abram White All rights reserved.</p> <p>For Serp 1.15.1 Copyright (c) 2002-2007, A. Abram White All rights reserved.</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>For a copy of the license, see Serp BSD-Style License.</p>
A. Abram White	Serp 2.5.6.SEC03	For a copy of the license, see Serp License .
Active Database Software	Active Query Builder Java Edition 1.4.x, 1.5.3	For a copy of the license, see End User License Agreement (EULA) License

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
Adobe	Flex SDK 3.2, 3.3, 3.4	<p>PPD-Adobe: "4.3".</p> <p>Adobe Systems PostScript® Printer Description File. Copyright © 1987–1998 Adobe Systems incorporated All rights reserved.</p> <p>Permission is granted for redistribution of this file as long as this copyright notice is intact and the contents of the file is not altered in any way from its original form.</p> <p>Oracle may not delete or in any manner alter the copyright notices, trademarks, logos or related notices, or other proprietary rights notices of Adobe (and its licensors, if any) appearing on or within the SDK Source Files and/or SDK Components, or any documentation relating to the SDK Components.</p>
Alex Cornejo	JJV JSON VALIDATOR	<p>Copyright © 2002–2014 Atsuhiko Yamanaka, Craft, Inc.</p> <p>All rights reserved.</p> <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>

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
Alexander Potochkin	JXLayer 4	<p>Copyright © 2006–2009 Alexander Potochkin 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"> 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. Neither the name of the JXLayer 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>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>
Alwin Ibba	Mockrunner 0.4.2, 0.3.8	<p>License: Mockrunner 0.4.2 Mockrunner License, Version 1.1 based on Apache Software License, Version 1.1 Copyright (c) 2003-2012 Alwin Ibba. All rights reserved.</p> <p>For a copy of the license, see Mockrunner 0.4.2</p>
Andre Rouel	UADetector 0.9.10, 0.9.22, 2014.08	<p>Copyright © 2012 André Rouél For a copy of the license, see Apache License Version 2.</p>
Android Open Source Project	Google Droid Fonts	<p>For a copy of the license, see Apache License Version 2</p>

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
Andy Clark	NekoHTML library	<p>Copyright © 2002–2005 Andy Clark All rights reserved.</p> <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 THE AUTHOR OR OTHER 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>For a copy of the license, see Apache License Version 2.</p>

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
Andy Clark	NekoHTML library 0.9.5	<p>"This product includes software developed by Andy Clark."</p> <p>(C) Copyright 2002-2005, Andy Clark. 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"> 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 Andy Clark." Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear. 4. The names "CyberNeko" and "NekoHTML" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact andyc@cyberneko.net. 5. Products derived from this software may not be called "CyberNeko", nor may "CyberNeko" appear in their name, without prior written permission of the author. <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 THE AUTHOR OR OTHER 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>
Andy Clark	NekoHTML 1.9.12	For a copy of the license, see Apache License Version 2 .

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
ANTLR	ANTLR 4.1, 4.2	For a copy of the license, see ANTLR License .
ANTLR	ANTLR 4.5.1	<p>ANTLR 4.5.1 License [The BSD License] Copyright © 2014 Terence Parr Copyright © 2014 Sam Harwell All rights reserved.</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>For a copy of the license, see ANTLR License.</p>
ANTLR	Antr 2.7.2, 2.7.3, 2.7.5, 2.7.7	For a copy of the license, see Antr License .

Table E-1 (Cont.) License Information of Third-Party Components Alphabetically Ordered by Provider Name

Provider	Component(s)	Licensing Information
ANTLR	Antlr 3.2	<p>Antlr 3 License [The BSD License] Copyright © 2003–2007 Terence Parr All rights reserved.</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>For a copy of the license, see Apache License Version 2.</p>
ANTLR	Antlr 3.4, 3.5.2	<p>Copyright (c) 2010 Terence Parr All rights reserved.</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>

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
ANTLR	Antlr 4.2	<p>Copyright © 2013 Terence Parr, Sam Harwell All rights reserved.</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>For a copy of the license, see Antlr License.</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	ActiveMQ ActiveMQ 5.2, 5.4.2, 5.6.0, 5.13.2	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Ant 1.5.4, 1.6.2, 1.7, 1.7.1, 1.9.2, 1.9.3, 1.9.8	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	ant 1.9.6	<p>Apache Ant Copyright 1999-2015 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/).</p> <p>The <sync> task is based on code Copyright (c) 2002, Landmark Graphics Corp that has been kindly donated to the Apache Software Foundation.</p> <p>For a copy of the license, see Apache License Version 2.</p>
Apache	Ant 2.0	<p>For a copy of the license, see Apache License Version 1.</p>
Apache	Ant-contrib	<p>For a copy of the license, see Apache License Version 2.</p>

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
Apache	ant-contrib 1.0b2, 1.0b3	Ant-Contrib Copyright © 2001–2003 Ant-Contrib project All rights reserved. Licensed under the Apache 1.1 License Agreement. The name Ant-Contrib must not be used to endorse or promote products derived from this software or be used in a product name without prior written permission. For written permission, please contact: ant-contrib-developers@lists.sourceforge.net. For a copy of the license, see Apache License Version 1.1 .
Apache	Ant-contrib 1.0b5	For a copy of the license, see Apache License Version 2 .
Apache	AntContrib 0.3, 1.4.1	For a copy of the license, see Apache License Version 2 .
Apache	AntContrib 1.0b3	For a copy of the license, see Apache License Version 2 .
Apache	ANT Form 1.4.6beta	For a copy of the license, see GNU LESSER GENERAL PUBLIC LICENSE (Version 2.1) .
Apache	ant.jar 1.6.5	For a copy of the license, see Apache License Version 2 .
Apache	Apache Axiom 1.2, 1.2.10, 1.2.12, 1.2.14	Portions Copyright © 2006 International Business Machines Corp. For a copy of the license, see Apache License Version 2 .
Apache	Apache Batik SVG Toolkit 1.8	Batik License Batik is licensed according to the Apache License, Version 2.0, the text of which is included below. For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons BeanUtils	For a copy of the license, see Apache License Version 2 .
Apache	Apache Commons BeanUtils 1.6	For a copy of the license, see Apache License Version 1 .
Apache	Apache Commons Betwixt 0.7, 0.8	For a copy of the license, see Apache License Version 1 .

**Table E-1 (Cont.) License Information of Third-Party Components
Alphabetically Ordered by Provider Name**

Provider	Component(s)	Licensing Information
Apache	Apache Commons Codec 1.6, 1.10	<p>Apache Commons Codec Copyright © 2002–2011 The Apache Software Foundation</p> <p><code>src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java</code> contains test data from: http://aspell.sourceforge.net/test/batch0.tab.</p> <p>Copyright © 2002 Kevin Atkinson (kevina@gnu.org). Verbatim copying and distribution of this entire article is permitted in any medium, provided this notice is preserved.</p> <p>For a copy of the license, see Apache License Version 2.</p>
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Apache	Apache Derby 10.6.1.0, 10.8.2.2, 10.9.1, 10.11	For a copy of the license, see Apache License Version 2 .
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Apache	Apache HttpComponents HttpClient 4.0.1, 4.0.2, 4.1, 4.2.2, 4.3.1, 4.3.2, 4.3.4, 4.3.6	For a copy of the license, see Apache License Version 2.
Apache	Apache HttpComponents HttpClient-Cache 4.5.2	For a copy of the license, see Apache License Version 2.
Apache	Apache Jakarta Commons	For a copy of the license, see Apache License Version 2.
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Apache	Apache Jakarta Commons HttpClient 3.1	Copyright © 1999–2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
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Apache	Apache Lucene	For a copy of the license, see Apache Lucene License .
Apache	Lucene 4.6.1, 6.6.0	For a copy of the license, see Apache License Version 2 .

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Apache	avro 1.7.7	For a copy of the license, see Apache License Version 2.
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Apache	Axis Java	For a copy of the license, see Axis Java License .
Apache	Batik 1.6.0, 1.7, 2.0	For a copy of the license, see Apache License Version 2 .
Apache	beehive-netui- core-1.0.2.jar 1.0.2	For a copy of the license, see Apache License Version 2 .
Apache	Bnd 1.0	For a copy of the license, see Apache License Version 2 .
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Apache	commons-logging.jar 1.0.3, 1.0.4	For a copy of the license, see Apache License Version 2 .

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Apache	Geronimo-stax-api 1.0.1	For a copy of the license, see Apache License Version 2 .
Apache	Groovy 1.6, 1.6.3, 1.6.9, 1.8, 2.0, 2.1.0, 2.0.2, 2.0.4, 2.4.6, 2.4.11	For a copy of the license, see Apache License Version 2 .
Apache	Groovy 2.1.6, 2.3.7, 2.4.5	Groovy Language Copyright © 2003–2012 The respective authors and developers For a copy of the license, see Apache License Version 2 .
Apache	HBase 0.94	For a copy of the license, see Apache License Version 2 .
Apache	httpmime 4.5.1	For a copy of the license, see Apache License Version 2 .

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Apache	HttpCore 4.3.3	Apache HttpComponents Core Copyright 2005-2013 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). This project contains annotations derived from JCIP-ANNOTATIONS Copyright (c) 2005 Brian Goetz and Tim Peierls. See http://www.jcip.net For a copy of the license, see Apache License Version 2 .
Apache	HTTP Client 4.3.6	Apache HttpClient Copyright 1999-2013 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	HTTP Client HTTP Client 2	For a copy of the license, see Apache License Version 2 .
Apache	HTTP Client 3.1	For a copy of the license, see Apache License Version 2 .
Apache	HTTP Components Cache 4.1.2	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents Core 4.4.6	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpCore 4.1.2	For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient	Apache HttpClient Copyright © 1999–2014 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	HttpComponents HttpClient 3.2, 4.0, 4.0.3, 4.1.2, 4.2, 4.3.1, 4.3.4, 4.3.6, 4.4, 4.4.1, 4.5, 4.5.1, 4.5.2, 4.5.3	For a copy of the license, see Apache License Version 2 .

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Apache	IzPack 4.3.3	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Collections	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Collections 3.2	Copyright 2001-2015 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons dbcp 1.2.1	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Digester	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Digester 1.8	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons HttpClient	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons HttpClient 2, 3	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Lang 2.3, 2.4	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons IO 1.2, 1.3	For a copy of the license, see Apache License Version 2 .
Apache	jakarta-commons- lang 2.4	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta - commons-lang.jar 2.1, 2.3, 2.5	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Validator	For a copy of the license, see Apache License Version 2 .
Apache	Jakarta Commons Validator 1.3.1	This product includes software developed by Apache Jakarta Commons Validator. Copyright © 2001–2006 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .

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Apache	Jakarta ORO 2.0.7	For a copy of the license, see Apache License Version 1.
Apache	Jakarta Slide	For a copy of the license, see Apache License Version 2.
Apache	jakarta-commons- codec 1.3	For a copy of the license, see Apache License Version 2.
Apache	jakarta-commons- lang	Apache Commons Lang Copyright © 2001–2011 The Apache Software Foundation For a copy of the license, see Apache License Version 2.
Apache	Jakarta-commons- lang.jar 2.1, 2.3	For a copy of the license, see Apache License Version 2.

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Apache	Jakarta Regexp 1.3	For a copy of the license, see Apache License Version 2 .
Apache	JAMES Mime4j 0.5	Apache JAMES Mime4j Copyright 2004-2008 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2 .
Apache	JavaMail(TM) API Design Specification (javamail.jar) 1.3.0	For a copy of the license, see Apache License Version 2 .
Apache	Java Server Pages (JSP) Standard Tag Library (jstl) 1.0.2	For a copy of the license, see Apache License Version 2 .
Apache	JAX-RPC 1.1	For a copy of the license, see Apache License Version 2 .
Apache	jempbox 1.6.0	For a copy of the license, see Apache License Version 2 .

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Apache	Jmeter 2.11	For a copy of the license, see Apache License Version 2.
Apache	Jmeter Core 2.4	For a copy of the license, see Apache License Version 2.
Apache	Jmeter Java 2.4	For a copy of the license, see Apache License Version 2.
Apache	JSP Standard Tag Library 1.1, 1.2_01	For a copy of the license, see Apache License Version 2.
Apache	JSP Standard Taglib JSTL 1.0.6, 1.2	For a copy of the license, see Apache License Version 2.
Apache	JSP Standard Taglib JSTL (standard.jar) 1.1.2	For a copy of the license, see Apache License Version 2.
Apache	Jtype 0.1.0	For a copy of the license, see Apache License Version 2.
Apache	jug 2.0.0	For a copy of the license, see Apache License Version 2.
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Apache	kafka 0.8.2.1	Apache Kafka Copyright © 2012 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see kafka client License. For a copy of the license, see Apache License Version 2.

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Apache	Kafka 2.10-0.8.2.1	Apache Kafka Copyright © 2012 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see kafka client License . For a copy of the license, see Apache License Version 2 .
Apache	kafka-clients 0.8.2.1	Apache Kafka Copyright © 2012 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see kafka client License . For a copy of the license, see Apache License Version 2 .
Apache	log4cxx 0.10.0, 1.0.2	For a copy of the license, see Apache License Version 2 .
Apache	Log4J 1.2.5, 1.2.8, 1.2.13, 1.2.14, 1.2.15, 2.1.16, 1.3	Apache log4j Copyright © 2007 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Log4j 1.1.1, 1.2, 1.2.8, 1.2.9, 1.2.13, 1.2.14, 1.2.15, 1.3, 1.5, 2.0, 2.0.1, 2.0.2, 2.1, 2.1.0, 2.2, 2.3, 2.4.1, 2.5, 2.6, 2.6.1, 2.6.2, 2.7, 2.8, 2.8.1, 2.8.2	For a copy of the license, see Apache License Version 2 .
Apache	Log4j 1.2.17 Log4j 2.3 (update to 2.1 LT 21560)	Apache log4j Copyright © 2010 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Log4Net	For a copy of the license, see Apache License Version 2 .
Apache	Log4Net 1.2.10	Copyright 2004-2013 The Apache Software Foundation For a copy of the license, see Apache License Version 2 .
Apache	Lucene	For a copy of the license, see Apache License Version 2 .
Apache	Lucene Core 2.4.1	For a copy of the license, see Apache License Version 2 .

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Apache	Maven Archetype Common 2.2	For a copy of the license, see Apache License Version 2 .
Apache	Maven Archetype Descriptor 2.2	For a copy of the license, see Apache License Version 2 .
Apache	Maven Indexer Artifact Utils 3.1.0	For a copy of the license, see Apache License Version 2 .
Apache	Maven Indexer Core 3.1.0	For a copy of the license, see Apache License Version 2 .
Apache	Metadata Extractor 2.4.0 beta 1	For a copy of the license, see Apache License Version 2 .
Apache	metrics- healthchecks 3.0.2	For a copy of the license, see Apache License Version 2 .
Apache	Mina	For a copy of the license, see Mina License .
Apache	Mina 2.0.4, 2.0.7, 2.0.9	For a copy of the license, see Mina License .
Apache	Mine 2.0.0-M1	For a copy of the license, see Apache License Version 2 .
Apache	mockobjects .09	For a copy of the license, see Apache License Version 1
Apache	mockobjects-core 0.09	For a copy of the license, see Apache License Version 1

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Apache	Mx4j 2.1.1, 3.0.2	For a copy of the license, see Apache License Version 2.
Apache	mx4j-remote	For a copy of the license, see Apache License Version 2.
Apache	Open SAML 1.0, 2.0	For a copy of the license, see Apache License Version 2.
Apache	PDFBox 2.0.4 PDFBox 1.6.0	For a copy of the license, see Apache License Version 2.
Apache	Piccolo XML Parser 1.0.3	For a copy of the license, see Apache License Version 2.
Apache	POI	For a copy of the license, see Apache License Version 2.
Apache	POI (Java API for Microsoft Documents) POI (Java API for Microsoft Documents) 3.9	<p>Apache POI Copyright © 2009 The Apache Software Foundation This product contains the DOM4J library (http://www.dom4j.org).</p> <p>Copyright © 2001–2005 MetaStuff, Ltd. All Rights Reserved. This product contains parts that were originally based on software from BEA. Copyright © 2000–2003 BEA Systems, <www.bea.com/>.</p> <p>This product contains W3C XML Schema documents. Copyright © 2001–2003 World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)</p> <p>This product contains the Piccolo XML Parser for Java (http://piccolo.sourceforge.net/).</p> <p>Copyright © 2002 Yuval Oren This product contains the <code>chunks_parse_cmds.tbl</code> file from the <code>vsdump</code> program. Copyright © 2006–2007 Valek Filippov (frob@df.ru) For a copy of the license, see Apache License Version 2.</p>

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Apache	SAAJ (javax.xml.soap) 1.2, 1.2.1	For a copy of the license, see Apache License Version 2 .
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Apache	select2 3.4.6	For a copy of the license, see Apache License Version 2 .
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Apache	serializer-2.7.1.jar 2.7.1	For a copy of the license, see Apache License Version 2 .
Apache	Shindig Shindig 2.0.0	For a copy of the license, see Apache License Version 2 .
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Apache	soap 2.2	For a copy of the license, see Apache License Version 2 .
Apache	Spring Framework 1.1.5, 2.0	For a copy of the license, see Apache License Version 2 .
Apache	spring-webmvc.jar 2	For a copy of the license, see Apache License Version 2 .
Apache	Apache Struts 2 2.3.20	For a copy of the license, see Apache License Version 2 .
Apache	struts struts 2.3.15.3	For a copy of the license, see Apache License Version 2 .
Apache	Struts	For a copy of the license, see Apache License Version 2 .
Apache	struts 1.1, 1.2.9	For a copy of the license, see Apache License Version 2 .
Apache	Struts 1.3.8	For a copy of the license, see Apache License Version 2 .
Apache	SVN (Subversion) 1.8.10	For a copy of the license, see Apache License Version 2 .
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Apache	swagger-models 1.5.8	<p>For a copy of the license, see Apache License Version 2.</p>
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Apache	swagger-parser 1.0.18	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Tika 3.1 Tika 1.9 Tika 0.7	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Tomcat	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Tomcat 4.1.30, 7, 7.0.65, 7.0.46, 7.0.32, 7.0.42	<p>For a copy of the license, see Apache License Version 2.</p>
Apache	Velocity 1.3.1 1.4	<p>For a copy of the license, see Apache License Version 2.</p>

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Apache	Woodstox 3.2.1, 4	For a copy of the license, see Apache License Version 2 .
Apache	Xalan 1.1	For a copy of the license, see Apache License Version 1.1 .
Apache	Xalan-C++ 1.11	For a copy of the license, see Apache License Version 2 .
Apache	Xalan 2.0, 2.2, 2.3, 2.5.0, 2.7	For a copy of the license, see Apache License Version 2 .
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Apache	Xalan-Java 2.6.0	For a copy of the license, see Apache License Version 2.
Apache	Xerces 1.1, C++, 1.6, 2.0.1, 2.4, 2.5, 2.6, 2.6.0 – p1, 2.6.2, 2.7, 2.7.0, 2.8.1, 2.9.0, 2.9.1	For a copy of the license, see Apache License Version 2.
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Apache	xerces-C++ 3.1.4	For a copy of the license, see Apache License Version 2.
Apache	Xerces2 Java 2.11.0	For a copy of the license, see Apache License Version 2.
Apache	XML Beans Developer Kit (xbean.jar) 2.0.0, 2.1.0, 2.2.0, 2.3.0, 2.2.1, 2.6.0	For a copy of the license, see Apache License Version 2.
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The Apache Software Foundation	Apache Commons Math	For a copy of the license, see Apache License Version 2 .
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The Apache Software Foundation	Apache log4cxx 1.12	For a copy of the license, see Apache License Version 2 .

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The Apache Software Foundation	HttpCore 4.1.3	For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	Chemistry OpenCMIS Chemistry OpenCMIS 0.6.0 0.7.0 0.8.0	For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	commons-beanutils commons-beanutils 1.9.3	For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	commons-beanutils 1.9.2	Apache Commons BeanUtils Copyright 2000-2010 The Apache Software Foundation This product includes software developed by The Apache Software Foundation (http://www.apache.org/). For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	Commons Beanutils Commons-Beanutils commons-beanutils Commons-BeanUtils 1.7, 1.9, 1.9.0	For a copy of the license, see Apache License Version 2.
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The Apache Software Foundation	Commons Configuration 1.9	For a copy of the license, see Apache License Version 2 .
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The Apache Software Foundation	commons-discovery-0.2.jar	For a copy of the license, see Apache License Version 1 .
The Apache Software Foundation	commons-discovery-0.2.jar 0.2, 0.5	For a copy of the license, see Apache License Version 1 .
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The Apache Software Foundation	commons-io-1.2.jar	For a copy of the license, see Apache License Version 2 .
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The Apache Software Foundation	Log4j 1.2.17	Apache log4j Copyright © 2010 The Apache Software Foundation For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	Open SAML 1.0, 2.0	For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	OpenAz 1.1	For a copy of the license, see Apache License Version 2.
The Apache Software Foundation	pig	For a copy of the license, see pig License .

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The Apache Software Foundation	xmlgraphics-commons 1.5	For a copy of the license, see Apache License Version 2 .
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Provider	Component(s)	Licensing Information
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CPAN	libwww-perl 5.805, 5.808	For a copy of the license, see Comprehensive Perl Archive Network (CPAN) License .
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Doug Lea Emory University	backport-util-concurrent 1.0, 2.1, 3.1 backport-util-concurrent 1.1, 2.2, 3.0	<p>For a copy of the license, see backport-util-concurrent License</p>

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EasyMock	EasyMock EasyMock 3.1	<p>Copyright © 2001–2007 OFFIS, Tammo Freese</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>
EasyMock	EasyMock EasyMock 2.3 EasyMock 3	<p>For a copy of the license, see Apache License Version 2.</p>
Eclipse	Jetty 9.2.13, 9.3.6	<p>Jetty 9 (as well as 7 and 8) is dual licensed under the Apache License 2.0 and Eclipse Public License 1.0. Jetty is free for commercial use and distribution under the terms of either license, with exceptions listed in the NOTICE file.</p> <p>For a copy of the license, see Apache License Version 2.</p> <p>Jetty 9.1.1 License</p>

Table E-1 (Cont.) License Information of Third-Party Components Alphabetically Ordered by Provider Name

Provider	Component(s)	Licensing Information
Eclipse Foundation	AspectJ 1.2, 1.2.1, 1.5.1, 1.5.3, 1.5.4, 1.6, 1.6.1, 1.6.8, 1.6.10, 1.6.11, 1.6.12, 1.6.12.6, 1.7.0, 1.7.1, 1.7.2, 1.7.3, 1.7.4, 1.8.0, 1.8.4, 1.8.5, 1.8.8, 1.8.9, 1.8.10	For a copy of the license, see Apache License Version 1 . For a copy of the license, see Eclipse Public License .
Eclipse Foundation	aspectjtools.jar 1.0	Eclipse: For a copy of the license, see Eclipse Public License . Apache: For a copy of the license, see Apache License Version 1 and/or Apache License Version 2 .
Eclipse Foundation	Development Platform 3.5	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Development Platform (SDK) 3.4.2	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Eclipse core libraries for Mylyn 3.8.1	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Eclipse Equinox 3.9.1	For a copy of the license, see Eclipse Equinox License .
Eclipse Foundation	Eclipse Modeling Framework 2.1	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Eclipse Persistence Services Project	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Eclipse Persistence Services Project (EclipseLink) 2.3	For a copy of the license, see Eclipse Public License
Eclipse Foundation	Eclipse Persistence Services Project (EclipseLink) 2.5.0	For a copy of the license, see Eclipse Persistence Services Project (EclipseLink) 250 License .
Eclipse Foundation	Eclipse Persistence Services Project (EclipseLink) 2.6.0	For a copy of the license, see Eclipse Persistence Services Project (EclipseLink) 260 License .

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Eclipse Foundation	EclipseLink	<p>For a copy of the license, see Eclipse Public License</p> <p>For a copy of the license, see EclipseLink License.</p>
Eclipse Foundation	EclipseLink 2.4.2	<p>For a copy of the license, see Eclipse Public License.</p> <p>For a copy of the license, see Eclipse Distribution License - v 1.0.</p>
Eclipse Foundation	EclipseLink 2.1.3, 2.5.2	<p>For a copy of the license, see EclipseLink License.</p>

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Eclipse Foundation	Indigo SR2 3.7.2	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Java Persistence API	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Java Persistence API 2.0.0	Licensed under the Eclipse Public License You may obtain a copy of the License at: https://eclipse.org/ . All rights reserved. Licensed under the Eclipse Public License Agreement. For more information on this license and/or for a copy of the license, see Eclipse Public License . Eclipse Distribution License - v 1.0 Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors. All rights reserved. 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.
Eclipse Foundation	JDT Compiler 5.5	For a copy of the license, see Eclipse Public License .

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Provider	Component(s)	Licensing Information
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**Table E-1 (Cont.) License Information of Third-Party Components
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Eclipse Foundation	Mylyn libraries 3.1	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Platform 3.1, 3.1.2	For a copy of the license, see Eclipse Public License .
Eclipse Foundation	Platform 3.4.2	<p>Eclipse Public License - v 1.0</p> <p>For a copy of the license, see Eclipse Public License.</p>
Eclipse Foundation	svnClientAdapter 0.9.100	For a copy of the license, see Eclipse Public License .

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Provider	Component(s)	Licensing Information
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Provider	Component(s)	Licensing Information
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FasterXML, LLC	jackson-datatype-joda 2.7.9	For a copy of the license, see Apache License Version 2.
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FasterXML, LLC	jackson-databind 2.7.9.1	For a copy of the license, see Apache License Version 2.

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Provider	Component(s)	Licensing Information
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FasterXML, LLC	jackson-annotations 2.7.9	For a copy of the license, see Apache License Version 2 .
FasterXML, LLC	jackson-jaxrs-json-provider 2.7.9	For a copy of the license, see Apache License Version 2 .

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Frederico Caldiera Knabben (FredCK.com)	FCKeditor 2.3.2, 2.6, 2.6.x	<p>For a copy of the license, see Apache License Version 2.</p>

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Joda.org	joda-time-1.2.1.jar 1.2.1	For a copy of the license, see Apache License Version 2 .
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		<div style="border: 1px solid #0070C0; padding: 5px; background-color: #E6F2FF;">  Note: The component has NO 4th party components. </div>
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OOPS Consultancy Ltd.	xmltask 1.1.6	For a copy of the license, see xmltask License .
OpenQA	Selenium 1,2.5	For a copy of the license, see Apache License Version 2 .

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Provider	Component(s)	Licensing Information
Open Web Application Security Project (OWASP)	Enterprise Security API (ESAPI) 2 2.0.1, 2.1.1	For a copy of the license, see Enterprise Security API (ESAPI) License

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Open Source OpenSource Opensource	Foxtrot 2	For a copy of the license, see Foxtrot License .
Opensource	Libxml2 2.9.3 2.9.4	For a copy of the license, see LibXML2 License

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OpenSource	Implementation of	Copyright © 2004, Sun Microsystems, Inc.
Opensource	JSR 173: Streaming API for XML (StAX)	Copyright © 2006, John Kristian All rights reserved. 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.

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Open Source OpenSource Opensource	TWAIN 2.1	For a copy of the license, see The TWAIN License
Open Source OpenSource Opensource	Twitter Bootstrap Twitter Bootstrap 3.0.3	Designed and built with all the love in the world @twitter by @mdo and @fat. For a copy of the license, see Apache License Version 2.

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		<div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> Note:</p> <p>URL Note: The URL specified below and the "Y" checkbox designation relate to the component coming through Datalogix acquisition.</p> <p>URL for License: http://opensource.org/licenses/ms-rl.</p> </div>
Open Web Application Security Project (OWASP)	AntiSamy 1.4.3	For a copy of the license, see AntiSamy License .
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Open Web Application Security Project (OWASP)	OWASP Java HTML Sanitizer OWASP Java HTML Sanitizer r209	<p>For a copy of the license, see OWASP Java HTML Sanitizer License.</p>

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Openscoring.io	jpmmml-schema 1.2.11	<p>Only a LICENSE file was found. (No NOTICE file)</p> <p>From the pom.xml file:</p> <pre> -<licenses> -<licenses> <name>BSD 3-Clause License</name> <url>http://opensource.org/licenses/BSD-3-Clause</url> <distribution>repo</distribution> </pre> <p>License from the URL above: Copyright (c) <YEAR>, <OWNER> All rights reserved.</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>

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openssl.org	OpenSSL 1.0.2k	<p>For a copy of the license, see OpenSSL License</p>

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OpenSymphony	Quartz Enterprise Job Scheduler (quartz-all-1.6.6.jar) 1.6.6 1.6.0	For a copy of the license, see Apache License Version 2.

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<div style="border: 1px solid #0070c0; padding: 10px; background-color: #e6f2ff;">  Note: The component has NO 4th party components. </div>		
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F.19 BCrypt

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knockout-amd-helpers 0.7.3

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jsTree 1.0-rc3

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/*! Hammer.JS - v2.0.4 - 2014-09-28

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- The following artifacts are EPL and CDDL 1.0:
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Oracle:

The following artifacts are CDDL + GPLv2 with classpath exception: <https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>.

- `javax.servlet:javax.servlet-api`
- `javax.annotation:javax.annotation-api`
- `javax.transaction:javax.transaction-api`
- `javax.websocket:javax.websocket-api`

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.

- `java.sun.security.ssl`

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions: <http://openjdk.java.net/legal/gplv2+ce.html>.

OW2:

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- `org.ow2.asm:asm-commons`
- `org.ow2.asm:asm`

Apache:

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- `org.apache.taglibs:taglibs-standard-spec`
- `org.apache.taglibs:taglibs-standard-impl`

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- `org.mortbay.jasper:apache-jsp`
- `org.apache.tomcat:tomcat-jasper`
- `org.apache.tomcat:tomcat-juli`
- `org.apache.tomcat:tomcat-jsp-api`
- `org.apache.tomcat:tomcat-el-api`
- `org.apache.tomcat:tomcat-jasper-el`
- `org.apache.tomcat:tomcat-api`
- `org.apache.tomcat:tomcat-util-scan`
- `org.apache.tomcat:tomcat-util`
- `org.mortbay.jasper:apache-el`
- `org.apache.tomcat:tomcat-jasper-el`
- `org.apache.tomcat:tomcat-el-api`

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- `org.eclipse.jetty.toolchain:jetty-schemas`

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Java HTML Tidy - JTidy

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`lib/gssapi/generic/gssapi_err_generic.et`

`lib/gssapi/mechglue/g_accept_sec_context.c`

`lib/gssapi/mechglue/g_acquire_cred.c`

`lib/gssapi/mechglue/g_canon_name.c`

`lib/gssapi/mechglue/g_compare_name.c`

`lib/gssapi/mechglue/g_context_time.c`

`lib/gssapi/mechglue/g_delete_sec_context.c`

`lib/gssapi/mechglue/g_dsp_name.c`

`lib/gssapi/mechglue/g_dsp_status.c`

```
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
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lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

And the initial implementation of incremental propagation, including the following new or changed files:

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
```

```
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c
```

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F.78 LevelDB

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hash.c

hash.c: chained hash tables

Reference: Your favorite introductory book on algorithms

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list.c

list.c: lists handling implementation

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F.80 Lightning Memory- Mapped Database Manager (LMDB)

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JSON in Java [package org.json]

Douglas Crockford

douglas@crockford.com

2011-02-02

JSON is a light-weight, language independent, data interchange format.

See <http://www.JSON.org/>

The files in this package implement JSON encoders/decoders in Java. It also includes the capability to convert between JSON and XML, HTTP headers, Cookies, and CDL.

This is a reference implementation. There is a large number of JSON packages in Java. Perhaps someday the Java community will standardize on one. Until then, choose carefully.

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The package compiles on Java 1.2 thru Java 1.4.

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F.82 LZF compression 1.0.3

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F.85 MBProgressHUD 0.9

MBProgressHUD 0.9

Provider: **Jonathan George**

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NUnit

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F.113 SB (Start Bootstrap) Admin 2

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Common Public License - v 1.0

Updated 16 Apr 2009

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Version 3, 29 June 2007

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END OF TERMS AND CONDITIONS

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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)
19yy <name of author>

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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) 19xx 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 a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (a program to direct compilers to make passes at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

```
Ty Coon, President of Vice
```

```
That's all there is to it!
```

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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"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.

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(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.)

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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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.

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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.)

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6. As an exception to the Sections above, you may also compile 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.

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- (d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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G.21 Microsoft Visual Studio 2017

Microsoft Visual Studio 2017

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EULA ID: VS2017_ENT_PRO_TRIAL_RTW_ENU

G.22 MICROSOFT WINDOWS SOFTWARE DEVELOPMENT KIT FOR WINDOWS 7 and .NET FRAMEWORK 4

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- distribute Distributable Code included in a setup program only as part of that setup program without modification;
- require distributors and external end users to agree to terms that protect it at least as much as this agreement;
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G.23 MICROSOFT WINDOWS SOFTWARE DEVELOPMENT KIT UPDATE FOR WINDOWS VISTA

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 - Third Party Distribution. You may permit distributors of your programs to copy and distribute the Distributable Code as part of those programs.
1. Distribution Requirements. For any Distributable Code you distribute, you must;
 - Add significant primary functionality to it in your programs; For any Distributable Code having a filename extension of .lib, distribute only the results of running such

Distributable Code through a linker with your application; Distribute Distributable Code included in a setup program only as part of that setup program without modification; Require distributors and external end users to agree to terms that protect it at least as much as this agreement; Display your valid copyright notice on your programs;

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G.24 Mozilla Public License Version 1

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G.26 Progress DataDirect Cloud Driver for ODBC v2.0

Progress DataDirect Cloud Driver for ODBC v2.0

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