Oracle® Big Data Appliance

Licensing Information Release 2 (2.2) **E41243-01**

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Describes licensing and support for Oracle Big Data Appliance.



Oracle Big Data Appliance Licensing Information, Release 2 (2.2)

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| Sun Datacenter InfiniBand Switch 36 |
| Sun Network QDR InfiniBand Gateway Switch |

Preface

This document identifies the licences for the software installed on Oracle Big Data Appliance.

Audience

This document is intended for all owners of Oracle Big Data Appliance.

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Related Documents

For more information, see the Big Data documentation library at

http://docs.oracle.com/cd/E41604_01/index.htm

Oracle Big Data Appliance Software Licensing

Oracle Big Data Appliance is an engineered system optimized for acquiring, organizing, and analyzing big data. It combines optimized hardware components with new software solutions to deliver a complete big data solution.

This chapter describes the licensing and technical support of software installed on Oracle Big Data Appliance. It contains these topics:

- Big Data Appliance Software Installation
- Software Licensing

Big Data Appliance Software Installation

Oracle Big Data Appliance software is installed in two stages:

- Factory-Installed Image
- On-Site Software Installation

Factory-Installed Image

The Oracle Linux operating system and various configuration utilities are factory-installed on Oracle Big Data Appliance servers. Your license to use them is included with your purchase of the appliance.

On-Site Software Installation

An Oracle Customer Service Representative downloads all applications software for Oracle Big Data Appliance. Some of this software is included in the Oracle Big Data Appliance licensing agreement, while other software is licensed separately.

You must specify whether to install separately licensed and optional software components when completing the Oracle Big Data Appliance Configuration Worksheets.

Software Licensing

The software downloaded to Oracle Big Data Appliance is protected by these licenses:

- **Integrated Software**
- Oracle Big Data Connectors
- Separately Licensed Software

Software Modifications

Integrated Software

The following table summarizes the licensing and support of integrated software included with your purchase of Oracle Big Data Appliance. The licenses are only for use of the software on Oracle Big Data Appliance. You cannot move or copy the software to another system.

| Software | License | Support |
|---|---|--|
| Oracle Linux | Perpetual for life of hardware | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| Java HotSpot Virtual Machine | Perpetual for life of hardware | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| Cloudera's Distribution including Apache Hadoop | Perpetual for life of hardware | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| Cloudera Manager | Perpetual for life of hardware | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| MySQL Database Standard Edition | Restricted use ¹ | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| Oracle NoSQL Database Community Edition | GNU Affero General Public License Version 3 (AGPLv3) | None ¹ |
| Oracle R Distribution | Perpetual for life of hardware | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| Perfect Balance ² | Perpetual for life of hardware | Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems |
| 1 | | |

¹ See the Oracle Software License Agreement ("SLA") and Entitlement for Hardware Systems with Integrated Software Options

Oracle Big Data Connectors

The system software requires a separate license for Oracle Big Data Connectors:

- Oracle Loader for Hadoop
- Oracle Data Integrator Application Adapter for Hadoop
- Oracle R Connector for Hadoop
- Oracle SQL Connector for Hadoop Distributed File System

Oracle Big Data Connectors must be licensed for all processors of Oracle Big Data Appliance or for all processors of the Hadoop cluster when not licensed on Oracle Big Data Appliance. The individual components are available only as part of the Oracle Big Data Connectors license. They are not licensed individually.

Restricted Use License: Oracle Data Integrator as part of Oracle Big Data Connectors is restricted for use on Oracle Big Data Appliance with Cloudera CDH targets or Oracle NoSQL Database targets residing on Oracle Big Data Appliance. Any usage of

 $^{^{2}\;}$ Oracle software for Oracle Big Data Appliance

Oracle Data Integrator outside of Oracle Big Data Appliance requires a full license for Oracle Data Integrator Enterprise Edition.

Separately Licensed Software

This software requires a separate license. Support is provided under Oracle Premier Support for Systems or Oracle Premier Support for Operating Systems.

Oracle NoSQL Database Enterprise Edition

Software Modifications

Modifications to the software installed on Oracle Big Data Appliance can result in a loss of warranty and support.

See the *Oracle Big Data Appliance Owner's Guide* for specific restrictions.

Third-Party Licenses

This chapter contains licensing information about third-party products installed on Oracle Big Data Appliance. It contains the following topics:

- Offer to Provide Source Code
- Cloudera Products
- Java HotSpot Virtual Machine
- MySQL Database Standard Edition
- Oracle Integrated Lights Out Manager (ILOM)
- Oracle Linux
- Oracle NoSQL Database
- **Puppet**
- Oracle R Distribution
- **ROracle**
- Sun Datacenter InfiniBand Switch 36
- Sun Network QDR InfiniBand Gateway Switch

Offer to Provide Source Code

For third-party technology that you receive from Oracle in binary form, which is licensed under an open source license that gives you the right to receive the source code for that binary, you may be able to obtain a copy of the applicable source code by visiting:

http://oss.oracle.com/systems-opensourcecode

The source code for some software components of Oracle Big Data Appliance is readily available at the locations identified in Table 2–1.

Table 2-1 Location of Source Code

| Software | Source Code Location |
|---|---|
| Cloudera's Distribution including Apache Hadoop | All Oracle Big Data Appliance servers in directory /opt/oss/src/CDH/4.1.2 |
| Java HotSpot Virtual Machine ¹ | All Oracle Big Data Appliance servers in zip file /usr/java/jdk1.6.0_37/src.zip |
| MySQL Community Edition | http://dev.mysql.com/downloads/mysql/ |

Table 2-1 (Cont.) Location of Source Code

| Software | Source Code Location |
|---------------------------|---|
| Open Source R | All Oracle Big Data Appliance servers in directory |
| | /opt/oss/src/OracleR/ |
| Oracle Hardware | http://oss.oracle.com/systems-opensourcecode/ |
| Installation Assistant | Expand x86 Servers, and then select either Sun Server X3-2 or Sun Fire X4270 M2 Server. |
| Oracle Integrated Lights | http://oss.oracle.com/systems-opensourcecode/ |
| Out Manager | Expand Sun x86 Servers, and then select either Sun Server X3-2 or Sun Fire X4270 M2 Server. |
| Oracle Linux | http://oss.oracle.com/ol5/ |
| Puppet | All Oracle Big Data Appliance servers in directory |
| | /opt/oss/src/puppet/ |
| Sun Datacenter InfiniBand | http://oss.oracle.com/systems-opensourcecode/ |
| Switch 36 | Expand Networking, and then select Sun Datacenter InfiniBand Switch 36. |
| Sun Network QDR | http://oss.oracle.com/systems-opensourcecode/ |
| InfiniBand Gateway Switch | Expand Networking, and then select Sun Datacenter InfiniBand GW Switch. |

MySQL Standard Edition is installed on Oracle Big Data Appliance. It is proprietary software protected by intellectual property laws. This link is to the source code for MySQL Community Edition, which is open source.

If the source code for the technology was not provided with the binary or otherwise made available to you, you can also receive a copy of the source code on physical media by submitting a written request to:

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February 1999

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argparse 1.1

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ASM 2.1.3, 2.2.1, 3.1, 3.2

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AspectJ 1.6.5

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Async-http-client 1.7.5

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Beaker 1.4.2, 1.5.4

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Bouncy Castle Crypto 1.35, 1.46

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cglib-nodep 2.2

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CherryPy 3.1.2

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Christoph Schwering's IRC library 1.0.0, 1.10

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Cobertura 1.9.4.1

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concurrent libraries 1.3.4

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ConfigObj 4.6.0

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ctypes 1.0.2

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datanucleus 2.0.3

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Django Extensions 0.5

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dk.briks.automaton 1.11-1

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elementtree 1.2.6-20050316, 1.2.7

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Google Protocol Buffers - protobuf 2.3.0, 2.4.0, 2.4.1

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greenlet 0.3.11

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Hector-core 0.8.0-2

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hsqldb 1.8.0.7/1.8.0.10

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HyperSQL 1.8.0.7, 1.8.0.10, 2.0.0, 2.2.8

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Jackson JSON library 1.8.3, 1.8.8, 1.93

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jamm 0.2.2

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JAMon Java Application Monitor API 2.73

Steve Souza, Principal Consultant

admin@jamonapi.com

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Jamon-runtime 2.3.1, 2.4.0, 2.4.1

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Jasmine 1.0.2

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Java UUID Generator (JUG) 2.0.0

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Java XMLbuilder 0.3, 0.4

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javaEWAH 0.3

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Javassist 3.15.0 GA

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JAXB API Reference Implementation 2.1.12, 2.2.2, 2.2.3, 2.2.4

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Streaming API for XML (JSR-173) Specification Reference Implementation

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Jaxen 1.1.1

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JBoss Hibernate 3.2.0, 3.6.2.Final

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jclouds 1.2.1, 1.5.0-beta.4

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JCraft JSch 0.1.38, 0.1.42, 0.1.43, 0.1.44-1

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Jersey JSON library 1.4, 1.8

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Jetty Servlet API 2.5

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JLine Console Input Library iline-0.9.94

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jopt-simple 3.2

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jQuery Timepicker 0.9.6

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jQuery TreeTable Plugin 2.3.0

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JUnit 3.8.1, 4.8.1, 4.8.2, 4.10

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lockfile 0.8

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moment.js

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Mortbay Jetty web server / servlet container 6.1.26, 7.54

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MySQL for Python 1.2.3c1, python-daemon 1.5, enum 0.4.4

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Prototype JavaScript Framework 1.4.0_pre4

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psutil 0.3.0

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pyexelerator 0.6.4.1

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Pygments 1.3.1

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Pyinotify 0.9.3

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PyKerberos Package 1.1.1

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pysqlite 2.55

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Python PAM 0.1.3

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Python-meld3 0.6.7

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Python-multiprocessing 2.6.2.1

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Python-paste 1.7.2

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pytidylib 0.2.6

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PyYAML 3.09

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QDox 1.10.1

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r.js 1.0.3

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RequireJS 1.0.3

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Rhino 1.7R2

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Rocoto 6.1

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SammyJS 0.7.1

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serp 1.13.1

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Simple JavaScript Inheritance

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Simple Logging Facade for Java/SLF4J 1.5.11, 1.6.0, 1.6.1

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simplejson 2.0.9, 2.1.2

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snakeYAML 1.1.0, 1.6, 1.8

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Snappy for Java 1.0.3.2, 1.0.4.1

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SortTable v2

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Spawning 0.9.6

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speed4j 0.9

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sshj 0.5.0, 0.6.1

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StAX 2 API Woodstox Implementation 3.1.1, 4.1.4

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Streaming API for XML (StAX) 1.0.1, 1.0.2

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StringTemplate 3.1, 3.2

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Jonathan Lange

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urllib2-kerberos 0.1.6

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Usertype for Hibernate Parent 3.0.0

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Watchmaker Framework for Evolutionary Computation 0.6.2

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Web Services Description Language for Java Toolkit (WSDL4J) 1.6.2

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XML Pull Parser (xpp3) 1.1.4c

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plus Heiner Schwarte up to October 1999 and Guido Masarotto up to June 2003.

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unzip.h -- IO for uncompress .zip files using zlib

Version 1.01e, February 12th, 2005

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This unzip package allow extract file from .ZIP file, compatible with PKZip 2.04g WinZip, InfoZip tools and compatible.

Multi volume ZipFile (span) are not supported.

Encryption compatible with pkzip 2.04g only supported

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February 1999

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