

Oracle® Application Server

Licensing Information

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Preface

This document, which is part of the Program Documentation under the terms of your Oracle licensing agreement, is intended to help you understand the features, functionality, and options available for Oracle Programs and the licenses required to use them. Oracle offers a variety of licensing options that determine your rights to run the Oracle Programs. If you have a question about your licensing needs, please contact your Oracle sales representative or refer to the resources listed in the "[Related Documents](#)" section below for more information.

Oracle Application Server is available in multiple editions, each suitable for different development and deployment scenarios. Oracle also offers several application server options and packs that enhance the capabilities of Oracle Application Server for specific application requirements. *Oracle Application Server Licensing Information* provides information on these optional application server products and their licensing requirements.

This Preface contains these topics:

- [Intended Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

Intended Audience

This book is intended for all purchasers of Oracle Application Server.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

<http://www.oracle.com/accessibility/>

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, seven days a week. For TTY support, call 800.446.2398.

Related Documents

For more information, see these Oracle resources:

- *Oracle Application Server Concepts* for information on the features new to this release of Oracle Application Server
- The Software Investment Guide, available at <http://www.oracle.com/corporate/pricing/sig.pdf>

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Oracle Application Server Editions

This chapter describes the Oracle Application Server editions and the features available with those editions. It contains the following sections:

- [The Oracle Application Server Product Family](#)
- [General Licensing Information](#)

The Oracle Application Server Product Family

Oracle Application Server 10g Release 3 (10.1.3) is available in Java Edition only. Oracle also offers several application server options, packs, and other products that enhance the capabilities of Oracle Application Server for specific purposes. This section describes the licensing editions of Oracle Application Server. The application server options, packs, and other enhancement products are described in [Chapter 2, "Options, Independent License Offerings, and Packs"](#).

[Table 1–1](#) introduces the Oracle Application Server licensing editions.

Table 1–1 Oracle Application Server Licensing Editions

Licensing Edition	High Level Functionality	Features Included
Java Edition	The Oracle Application Server Java Edition includes Oracle HTTP Server, Oracle Application Server Containers for J2EE (J2EE container and Web Services), Oracle Application Server TopLink, Oracle Sensor Edge Server, Oracle Service Registry, Oracle Security Developer's Toolkit, and Oracle Application Server MapViewer.	mod_oc4j, mod_oss, mod_oradav, mod_fastcgi, mod_rewrite, Proxy Plug-In, XML Developer Kit, Oracle Application Development Framework (ADF), Oracle Enterprise Manager 10g Application Server Control, Java Authentication and Authorization Service (JAAS) Provider, Data Direct JDBC drivers for Oracle and non-Oracle databases

Oracle Application Server Editions and Installation Types

When you install Oracle Application Server, you are asked to choose one of several options, or installation types. Each installation type provides a specific set of application server components and features.

Since Oracle Application Server 10g Release 3 (10.1.3) is available as Java Edition only, all available 10.1.3 installation types are included in this edition. For details about the installation types, see the *Oracle Application Server Installation Guide*.

Additional Feature Availability

Certain Oracle Application Server features have additional licensing considerations.

Oracle Business Rules

Oracle Business Rules, including the Rules Author, Rules SDK, and Rules Engine, is included with Oracle Application Server Standard Edition. Since Oracle Application Server 10g Release 3 (10.1.3) does not include some of the Standard Edition components, if you license Standard Edition to get Oracle Business Rules, some components will be from Oracle Application Server 10g Release 2 (10.1.2). See the *Oracle Application Server Licensing Information* document for Oracle Application Server 10g Release 2 (10.1.2) for more information on Oracle Application Server Standard Edition.

Management Features

All Oracle Enterprise Manager 10g Application Server Control functionality is included with each of the Oracle Application Server editions.

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.

Oracle Advanced Security

Oracle Advanced Security ensures that communication over the Net8 Protocol is encrypted and secure. It also provides strong two-way authentication between the application server and the database. Oracle Advanced Security is installed with Oracle Application Server by default as part of a "secure by default" design, and to ensure that the client components required to enable secure communication and strong authentication between the application server and an Oracle database are present by default. However, if you want to use Oracle Advanced Security, you must license it separately with the Oracle database with which the application server communicates.

High Availability Features

Oracle 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.

High Availability Considerations for Oracle Application Server Middle-Tier Instances

There are several ways that you can make Oracle Application Server middle-tier instances highly available. Each of these high availability models has specific licensing implications:

- **Oracle Application Server Cold Failover Clusters:** OracleAS Cold Failover Clusters use a two or more node hardware cluster for failover. Failover is the process by which the hardware clusters automatically relocate the execution of an application from a failed primary node to a designated standby node.

The primary node is the processor that is actively executing one or more application server services at any given time. If the primary node fails, the hardware cluster automatically fails the application server services over to the standby node.

When using OracleAS Cold Failover Clusters, ten days of failover per calendar year are included in the Oracle Application Server license for the primary node. If you use more than ten days of failover per calendar year, additional application server licenses are required for the standby nodes.

Note: Additional hardware or software may be required depending on the specific cluster setup you are using.

- **Oracle Application Server Clusters:** Oracle Application Server middle-tier instances can be clustered together to provide load balancing and failover. Oracle Application Server has two clustering models:
 - **Oracle Application Server Clusters Managed Without Oracle Notification Server (ONS):** These clusters rely on the administrator to manually configure each instance within the cluster for replication and routing. Specifically, this means not using the `opmn.xml` configuration file to set the `<topology>` sub-element of the `<notification server>` element. This disables dynamic routing, requiring the use of explicit mount points in the `mod_oc4j.conf` file. With Oracle Application Server clusters managed without ONS, it is the administrator's job to make a group of application servers function as a cluster.

Oracle Application Server Clusters managed without ONS are included with Oracle Application Server Java Edition, Standard Edition, and Enterprise Edition.
 - **Oracle Application Server Clusters Managed with Oracle Notification Server (ONS):** These clusters use the Oracle Notification Server (ONS) tool as a communication mechanism that enables the propagation of state replication and routing information across all application server instances in the cluster. Specifically, this means using the `opmn.xml` configuration file to set the `<topology>` sub-element of the `<notification server>` element.

Oracle Application Server Clusters managed with ONS are included with Oracle Application Server Standard Edition and Enterprise Edition only.
- **Disaster Recovery with Oracle Application Server Guard:** For disaster recovery purposes, Oracle Application Server licenses are required for both the active and standby application servers. There are no failover days included in the Oracle Application Server license for the active node. Disaster Recovery through OracleAS Guard is available with Oracle Application Server Enterprise Edition only. Since Oracle Application Server 10g Release 3 (10.1.3) does not include some of the Enterprise Edition components, if you license Enterprise Edition to get OracleAS Guard, some components will be from Oracle Application Server 10g Release 2 (10.1.2). See the *Oracle Application Server Licensing Information* document for Oracle Application Server 10g Release 2 (10.1.2) for more information on Oracle Application Server Enterprise Edition.

Restricted-Use Licensing

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

Java Edition

- Oracle Service Registry is provided for storing Oracle-provided services and can be used to store up to fifty (50) non-Oracle services.

For information on licensing Oracle Service Registry to store additional services, see the "[Oracle Service Registry](#)" section in Chapter 2.

General Licensing Information

Oracle Application Server Java Edition can be licensed with the Named User Plus metric and/or the Processor metric.

Options, Independent License Offerings, and Packs

This chapter describes the separately licensed Oracle Application Server options, management packs, and other products you can purchase to enhance the capabilities of Oracle Application Server in specific application environments. This chapter contains the following sections:

- [Oracle Application Server Independent License Offerings](#)
- [Oracle Application Server Options](#)

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.

Note: For information on options and independent license offerings for Business Intelligence or Identity and Access Management, please see the licensing documents for those product lines.

Oracle Application Server Independent License Offerings

In addition to the Oracle Application Server editions and the options you can choose to add on to those editions, Oracle now has independent license offerings in several product areas. The following products and product families can be separately licensed, independent of the packaged Oracle Application Server editions:

- [Oracle Access Manager](#)
- [Oracle BPEL Process Manager](#)
- [Oracle Business Activity Monitoring for Non-Oracle Middleware](#)
- [Oracle Enterprise Driven Architecture Suite](#)
- [Oracle Forms and Reports](#)
- [Oracle Fusion Middleware for Applications](#)
- [Oracle Integration and Enterprise Service Bus](#)
- [Oracle Integration Adapters](#)
- [Oracle Portal](#)
- [Oracle Portlet Factory](#)
- [Oracle Service Registry](#)
- [Oracle SOA Suite for Non-Oracle Middleware](#)
- [Oracle TopLink and Application Development Framework](#)
- [Oracle Web Services Manager](#)
- [Oracle XML Publisher](#)

Important: Each independent license offering you purchase that is also available as part of any Oracle Application Server Edition must be used as a completely standalone product. These independent license offerings cannot be clustered with or use a shared infrastructure with any other Oracle Application Server editions, options, or independent license offerings.

Oracle Access Manager

Oracle Access Manager can be separately licensed, independent of any Oracle Application Server edition.

Oracle BPEL Process Manager

Oracle BPEL Process Manager can be separately licensed, independent of any Oracle Application Server edition.

Oracle Business Activity Monitoring for Non-Oracle Middleware

Oracle Business Activity Monitoring for Non-Oracle Middleware can be separately licensed, independent of any Oracle Application Server edition.

Oracle Enterprise Driven Architecture Suite

The Oracle Enterprise Driven Architecture Suite option can be purchased as an option to any of the Oracle Application Server editions. The Enterprise Driven Architecture Suite includes:

- Oracle Sensor Edge Server
- Oracle Business Rules
- Oracle Enterprise Service Bus
- Oracle Business Activity Monitoring
- Oracle Enterprise Messaging

Oracle Forms and Reports

Oracle Forms and Reports can be separately licensed, independent of any Oracle Application Server edition.

When you license it independently, Oracle Forms and Reports includes Oracle Forms, Forms Servlet, Forms client applet, Forms listener servlet, Forms Runtime, Oracle Reports, and Oracle Enterprise Manager 10g Application Server Control.

Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle Forms:

- Oracle Internet Directory is provided to provision, store, and manage Oracle Forms and Reports users and groups, their associated security credentials and privileges, to synchronize data with third party directory services, and to store other metadata specific to Oracle Forms and Reports.
- Oracle Application Server Single Sign-On is provided for authentication services to users accessing Oracle Forms and Reports.

- Oracle HTTP Server and its modules are provided for running Oracle Forms and Reports applications only.
- Oracle Application Server Containers for J2EE (OC4J) is provided for running Oracle Forms and Reports applications only.

Oracle Fusion Middleware for Applications

Oracle Fusion Middleware can be separately licensed for use with certain applications, independent of any Oracle Application Server Edition. It is available for the following applications:

- iFlex
- PeopleSoft
- Retek
- SAP
- Siebel

Oracle Fusion Middleware for these applications includes:

- Oracle Portal
- Oracle BPEL Process Manager
- Oracle Application Server Integration Business Activity Monitoring
- Oracle Application Server Single Sign-On
- Oracle Business Intelligence Discoverer
- Oracle Application Server Integration B2B Engine
- Oracle Application Server Web Cache

In addition, Oracle Fusion Middleware for PeopleSoft, SAP, and Siebel include the corresponding Oracle Integration Adapter for that application.

Oracle Integration and Enterprise Service Bus

Oracle Integration and Enterprise Service Bus can be separately licensed, independent of any Oracle Application Server edition.

Oracle Integration and Enterprise Service Bus includes Oracle Application Server Integration InterConnect, Oracle Application Server Integration B2B, Oracle Enterprise Service Bus, and Oracle Enterprise Manager 10g Application Server Control.

In order to use the Oracle Integration and Enterprise Service Bus offering, you must separately license the Oracle Database (any edition).

Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle Integration:

- Oracle HTTP Server and its modules are provided for running Oracle Integration and Enterprise Service Bus only.
- Oracle Application Server Containers for J2EE (OC4J) is provided for running Oracle Integration and Enterprise Service Bus only.
- Oracle Workflow is included for use with Oracle Application Server Integration InterConnect and Oracle Application Server Integration B2B.

- Oracle Advanced Security Option is included, with use limited strictly to the Oracle Java SSL Library.
- An Oracle Database (Standard Edition One, Standard Edition, or Enterprise Edition) is provided for use with Oracle Integration and Enterprise Service Bus strictly for storing Oracle Integration and Enterprise Service Bus metadata.

Notes: 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 a metadata repository.
 - If the machine on which your existing database is running does not run any other Oracle Application Server installations, there is no Oracle Application Server license requirement for that machine.
 - Installing the metadata repository 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.
-

Oracle Integration Adapters

There are four types of integration adapters: application, legacy, technology, and B2B.

Application, legacy, and B2B adapters must be purchased separately to work with Oracle Application Server components (such as Oracle BPEL Process Manager and Oracle Application Server Integration B2B). Application, legacy, and B2B adapters are licensed using the Processor metric. These adapters cannot be licensed using the Named User Plus metric.

Technology adapters are included when you separately license Oracle Integration and Enterprise Service Bus. Technology adapters do not require separate licenses.

Oracle Portal

Oracle Portal can be separately licensed, independent of any Oracle Application Server edition.

When you license it independently, the Oracle Portal offering includes all of the Oracle Application Server Java Edition components and features, plus Oracle Application Server Portal, Oracle Ultra Search, PL/SQL Server Pages, Oracle Content Management SDK, Oracle Application Server Metadata Repository Creation Assistant, and Oracle Enterprise Manager 10g Application Server Control. Restrictions to these features are outlined later in this section.

In order to use the Oracle Portal offering, you must separately license the Oracle Database (any edition).

Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle Portal:

- Oracle Internet Directory is provided to provision, store, and manage Oracle Portal users and groups, their associated security credentials and privileges, to synchronize data with third party directory services, and to store other Oracle Portal-specific metadata.
- Oracle Application Server Single Sign-On is provided for authentication services to users accessing an enterprise portal built using Oracle Portal.
- Oracle Application Server Web Cache is provided to accelerate performance of Oracle Portal.
- Oracle HTTP Server and its modules are provided for running Oracle Portal only.
- Oracle Application Server Containers for J2EE (OC4J) is provided for running Oracle Portal only.
- Oracle Advanced Security Option is included, with use limited strictly to the Oracle Java SSL Library.
- An Oracle Database (Standard Edition One, Standard Edition, or Enterprise Edition) is provided for use with Oracle Portal strictly for storing Oracle Portal metadata.

Notes: 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 a metadata repository.
 - If the machine on which your existing database is running does not run any other Oracle Application Server installations, there is no Oracle Application Server license requirement for that machine.
 - Installing the metadata repository 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.
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Oracle Portlet Factory

Oracle Portlet Factory can be separately licensed, independent of any Oracle Application Server edition.

Oracle Service Registry

Oracle Service Registry can be separately licensed, independent of any Oracle Application Server edition.

Oracle SOA Suite for Non-Oracle Middleware

Oracle SOA Suite for Non-Oracle Middleware can be separately licensed, independent of any Oracle Application Server edition. It includes Oracle BPEL Process Manager, Oracle Enterprise Service Bus, Oracle Business Activity Monitoring, Oracle Web Services Manager, and Oracle Business Rules.

Oracle TopLink and Application Development Framework

Oracle TopLink and Application Development Framework can be separately licensed, independent of any Oracle Application Server edition. Oracle TopLink and Application Development Framework is also included in all of the Oracle Application Server editions.

When you license Oracle TopLink and Application Development Framework separately, the license includes Oracle TopLink Mapping Workbench. It does not include Oracle JDeveloper.

Oracle Web Services Manager

Oracle Web Services Manager can be separately licensed, independent of any Oracle Application Server edition.

Oracle XML Publisher

Oracle XML Publisher is a Java-based tool that allows users to convert XML into other document types, such as Adobe Acrobat and Microsoft Word.

Oracle XML Publisher can be separately licensed, independent of any Oracle Application Server edition.

Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle XML Publisher:

- Oracle Containers for J2EE (OC4J) is provided for running Oracle XML Publisher only.

Oracle Application Server Options

Oracle Application Server Options can be purchased in addition to certain Oracle Application Server editions. The are the following Oracle Application Server Options:

- [Oracle BPEL Process Manager](#)
- [Oracle Business Activity Monitoring](#)
- [Oracle Service Registry](#)
- [Oracle SOA Suite for Oracle Middleware](#)
- [Oracle XML Publisher](#)

Oracle BPEL Process Manager

Oracle BPEL Process Manager can be purchased as an option to Oracle Application Server Enterprise Edition.

Oracle Business Activity Monitoring

Oracle Business Activity Monitoring can be purchased as an option to Oracle Application Server Enterprise Edition.

Oracle Service Registry

The Oracle Service Registry option can be purchased as an option to any of the Oracle Application Server editions.

Oracle SOA Suite for Oracle Middleware

Oracle SOA Suite for Oracle Middleware can be purchased as an option to Oracle Application Server Enterprise Edition. It includes Oracle BPEL Process Manager, Oracle Business Activity Monitoring, and Oracle Web Services Manager.

Oracle XML Publisher

Oracle XML Publisher is a Java-based tool that allows users to convert XML into other document types, such as Adobe Acrobat and Microsoft Word.

Oracle XML Publisher can be purchased as an option to Oracle Application Server Enterprise Edition.

Restricted-Use Licenses

The following restricted-use licenses are included when you separately license Oracle XML Publisher:

- Oracle Containers for J2EE (OC4J) is provided for running Oracle XML Publisher only.

