	ORACLE FUSION MIDDLEWARE
faq	**Oracle Application Server 10***g* **Release 2 (10.1.2.0.1) Standard Edition One**
	Frequently Asked Questions
	July 12, 2005

This document addresses frequently asked questions relating to availability, certification, and key messages of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One.

1.0 About Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One

1.1 What is Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One?

Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is a complete, integrated application server. It has the same functionality as Oracle Application Server Standard Edition, but has been tailored and packaged to meet the requirements of small to medium businesses and departments. The pre-built functions allow simplified installation, management and operation while reducing development time. You can do the following using Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One:

- Develop and deploy dynamic Web sites and applications using Oracle Application Server Containers for J2EE, PHP, Python and other scripting tools
- Create personalized portals to access content and applications using Oracle Instant Portal and Oracle Application Server Portal
- Accelerate the performance of your Web site using Oracle Application Server Web Cache
- Manage and secure the entire Web infrastructure using Oracle Identity Management

1.2 What is the value proposition of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One?

Oracle Application Server Standard Edition One provides a complete Web Infrastructure tailored to the needs of small to medium-sized enterprises and departmental users within large organizations. Oracle Application Server Standard Edition One includes:

- A Web Server and PHP, PERL, and Python scripting facilities to build Web Sites
- A J2EE-compliant Application Server and Development Tools to build Web Sites and Internet Applications in Java/J2EE
- An easy-to-use Enterprise Portal to quickly, easily, and securely share information with your colleagues

Oracle's Standard Edition One products provide the same mission-critical functionality as Oracle Standard Edition products but are tailored to allow small businesses and departments to roll out solutions quickly with pre-built functionality that reduces development time and simplifies maintenance and operations.

1.3 Who is the target audience for Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One?

Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is targeted to smaller organizations. Specifically:

- Small-to-Medium Enterprises (SMEs)
- Departments within larger Enterprises
- Small Public Sector Organizations
- Mid-Market ISVs to embed the platform in Mid-Market applications

Oracle Application Server Standard Edition One is intended to meet requirements of small businesses with 50-1000 employees and departments. ISVs will appreciate the aggressive price point to embed Oracle into their solution. Its ease of use will appeal to all types of users.

1.4 What are the release objectives of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One?

The release objectives of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One are to provide:

- A Web Server and PHP, PERL, and Python scripting facilities to build Web Sites
- A J2EE-compliant Application Server and Development Tools to build Web Sites and Internet Applications in Java/J2EE
- An easy-to-use Enterprise Portal to quickly, easily, and securely share information with your colleagues

1.5 What are the features of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One that make it easier to use?

Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is:

Easier to install
One-click installation of Oracle Application Server Standard Edition One makes it simple for administrators. The configuration steps have been automated. In addition, the scripts necessary for startup and shutdown are created automatically during installation.

Easier to manage
Oracle Application Server Standard Edition One processes can be started and stopped from the Start menu. In addition, management is controlled through Oracle Enterprise Manager 10*g* Application Server Control Console. An administrator can start and stop components, enable and disable components, and back up and recover Oracle Application Server using the console.

Easier to build and deploy Web sites
Oracle Application Server Standard Edition One has an infrastructure to build and deploy Web sites quickly. Oracle Instant Portal uses the core Oracle Application Server Portal technology to provide Web content pages without having to build a portal from scratch. The WYSIWYG (what-you-see-is-what-you-get) interface makes adding and changing content simple. In addition, Oracle Application Server has a complete infrastructure for J2EE and Web services.

1.6 For which version of Oracle Application Server is Sever Standard Edition One applicable?
Oracle Application Sever Standard Edition will come into effect with Oracle Application Sever 10*g* Release 2 (10.1.2.0.1) Standard Edition One.

1.7 Does Oracle Application Server Standard Edition One include Oracle Application Server Portal?
Yes. Oracle Application Server Standard Edition One does include the award winning Oracle Application Server Portal. You may choose to build your portal with Oracle Instant Portal, or if you have more advanced requirements, you can use Oracle Application Server Portal. In fact Oracle Instant Portal is built on Oracle Application Server Portal.

1.8 What is included in Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One CD Pack?

Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One CD Pack includes the following:

Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One CD Pack
Oracle Application Server 10*g* Release 2 Standard Edition One (10.1.2.0.1) Disks 1-2
Oracle HTTP Server
Oracle Application Server Containers for J2EE (OC4J)
Oracle Enterprise Manager 10*g* Application Server Control
Oracle Application Server Web Cache
Oracle Application Server Instant Portal
Oracle Application Server Portal
Oracle Database Server 10*g* (10.1.0.3) for installing the Metadata Repository
Oracle Internet Directory
Oracle Application Server Single Sign-On
Oracle MapViewer
Oracle Application Server 10g Release 2 Companion CD (10.1.2.0.0) Disk 1-2
Oracle HTTP Server 1.3
Oracle HTTP Server 2.0
Oracle Application Server Proxy Plug-In
Oracle Application Server OC4J Plug-In
Oracle Application Server OSSO Plug-In
Oracle Application Server Web Cache
Oracle Application Server Containers for J2EE (OC4J)
Oracle Application Server TopLink
Oracle JDeveloper 10*g*
Oracle Sensor Edge Server
Oracle Application Server Metadata Repository Creation Assistant 10g (10.1.2.0.1) CD
Oracle Application Server Metadata Repository Creation Assistant
Oracle Web Services Manager (4.2.0) CD
Oracle Web Services Manager
Oracle COREid and Web Services Manager Documentation CD
Oracle Web Services Manager Documentation
Oracle Application Server 10g (10.1.2.0.1) Documentation Library CD
Documentation
Oracle Application Server 10g Standard Edition One (10.1.2.0.1) DVD (Disk 1-2)
Contains contents from Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One Disks 1-2

1.9 How does Standard Edition One compare to other editions of Oracle Application Server?

The comparison table follows:

Component/Price	Java Edition	Standard Edition One	Standard Edition	Enterprise Edition
Price Per CPU	$5000	$4,995	$10,000	$30,000
Oracle HTTP Server	x	x	x	x
Oracle Application Server Containers for J2EE (OC4J)	x	x	x	x
Oracle Sensor Edge Server	x	x	x	x
Oracle Enterprise Manager 10*g* Application Server Control	x	x	x	x
Oracle Application Server TopLink	x	x	x	x
Oracle JDeveloper	x	x	x	x
Oracle MapViewer	x	x	x	x
Oracle Application Server Web Cache	-	x	x	x
Oracle Application Server Instant Portal	-	x	Will be available from 10.1.2.0.2 onward	Will be available from 10.1.2.0.2 onward
Oracle Application Server Portal	-	x	x	x
Oracle Application Server Single Sign-On	-	x	x	x
Oracle Content Management SDK	-	x	x	x
Oracle Database Server 10*g* Standard Edition One	-	Restricted Use	-	-
Oracle Internet Directory	-	Restricted Use	Restricted Use	x
Oracle Enterprise Manager 10*g* Grid Control	x	Not Shipped	x	x
Oracle Database Server 10*g* Standard Edition	-	-	Restricted Use	-
Oracle Application Server Certificate Authority	-	-	With Identity Management option	x
Oracle Database Server 10*g* Enterprise Edition	-	-	-	Restricted Use
Oracle Application Server Integration: OracleAS InterConnect, Integration B2B	-	-	-	x
Oracle Business Intelligence Discoverer	-	-	-	x
Oracle Application Server Forms Services	-	-	-	x
Oracle Application Server Reports Services	-	-	-	x
Oracle Application Server Personalization	-	-	-	x
Oracle Application Server Wireless	-	-	-	x
Oracle Application Server Adapters	More information in the Documentation Library for Oracle Application Server.			

Notes for Oracle Application Server Standard Edition One:

- Oracle Database Server 10*g* Standard Edition One is provided for use with Oracle Application Server Standard Edition One for storing product metadata
- Oracle Internet Directory is provided for use with OracleAS Single Sign-On and with other components to provision, store and manage users and groups, their associated security credentials and privileges; to synchronize data with 3rd party directory services; and to store other component-specific metadata
- Oracle Content Management SDK is flfilled through OTN Download

For more information on licensing (including Restricted Use Licensing) please see the documentation (licensing doc) on OTN

2.0 Platform Availability

2.1 When will Oracle Application Server Standard Edition One be available?
Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is now in production.

2.2 What platforms will Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One be available on?
Oracle Application Server 10*g* Release 2 (10.1.2.0.1) is planned to be made available on the following platforms. Please refer to the MetaLink for current availability.

Platform	Processor	32 or 64 bit
Any vendor supporting Windows 2003 with SP1 or above	Intel x86	32 bit
Any vendor supporting Windows 2000 with SP3 or above	Intel x86	32 bit
Any vendor supporting Windows XP with SP1 or above	Intel x86	32 bit
Any vendor supporting Red Hat Linux AS 2.1	Intel x86	32 bit
Any vendor supporting Red Hat Linux EL 3.0	Intel x86	32 bit
Any vendor supporting SLES8	Intel x86	32 bit
Any vendor supporting SLES9	Intel x86	32 bit
Any vendor supporting Red Hat Linux EL 3.0	Intel EM64T	64 bit
Any vendor supporting SLES9	Intel EM64T	64 bit
Any vendor supporting Red Hat Linux EL 3.0	AMD Opteron	64 bit
Any vendor supporting SLES9	AMD Opteron	64 bit

2.3 Where do I go to download Oracle Application Server?
You can download from Oracle Technology Network (OTN) website.

2.4 Is Oracle Application Server Standard Edition One included with Oracle Database Standard Edition One?
No. Oracle Application Server Standard Edition One and Oracle Database Standard Edition One are two separate but complementary products. Learn more about Oracle Database Server Standard Edition One from the Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One documentation (Licensing Document) on OTN.

3.0 Licensing

3.1 Where can I find licensing information for Oracle Application Server?
The licensing information is available in the Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One documentation (Licensing Document) on OTN.

3.2 If I have pricing related questions, whom should I contact?
You should contact your Oracle Sales Representative.

3.3 What is the difference between Oracle Application Server Standard Edition One and Oracle Application Server Java Edition?
Although Oracle Application Server Standard Edition One and Oracle Application Server Java Edition have almost similar per CPU pricing, they provide different functionality and are intended for different purposes. Oracle Application Server Java Edition allows for the clustering of J2EE and Web applications, but does not include Oracle Application Server Portal or Oracle Instant Portal. Oracle Application Server Standard Edition One provides the full functionality of Oracle Application Server Standard Edition but is licensed only for deployment on a single server, up to a maximum of 2 CPUs.

3.3 Can I upgrade my license from Java Edition to Standard Edition One?
No.

3.4 Can I convert my existing Standard Edition license to Standard Edition One?
No.

3.5 What if I run out of capacity over time?
If you run out of capacity within a couple of years, upgrade options are simple:

- Upgrade the licenses from the Standard Edition One Edition to the Standard Edition. No functionality will be lost.
- If more than 2 CPUs of the Database are needed then license Oracle Database Standard Edition
- If more than 2 CPUs of the Application Server are needed, then license Oracle Application Server Standard Edition or Enterprise Edition

The latest licensing information is available in the Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One documentation on OTN.

4.0 Certification (see MetaLink for further/latest details)

4.1 What Platforms is Oracle Application Server Standard Edition One Certified on?
Oracle Application Server Standard Edition One is planned to be certified on the following:

Platform	Processor	32 or 64 bit
Any vendor supporting Windows 2003 with SP1 or above	Intel x86	32 bit
Any vendor supporting Windows 2000 with SP3 or above	Intel x86	32 bit
Any vendor supporting Windows XP with SP1 or above	Intel x86	32 bit
Any vendor supporting Red Hat Linux AS 2.1	Intel x86	32 bit
Any vendor supporting Red Hat Linux EL 3.0	Intel x86	32 bit
Any vendor supporting SLES8	Intel x86	32 bit
Any vendor supporting SLES9	Intel x86	32 bit
Any vendor supporting Red Hat Linux EL 3.0	Intel EM64T	64 bit
Any vendor supporting SLES9	Intel EM64T	64 bit
Any vendor supporting Red Hat Linux EL 3.0	AMD Opteron	64 bit
Any vendor supporting SLES9	AMD Opteron	64 bit

Certification for Oracle Web Services Manager (available with the purchase of Web Services Manager Option) is/will be for: x86-based RedHat Linux AS 3.0 and x86-based Windows 2000.
For the latest certification information please visit MetaLink..

4.2 What are the Installation and Configuration requirement for Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One?
The MINIMUM requirement for Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One is:

Requirement		Value	
		Windows	Linux
Processor Speed		300 MHz or higher	450 MHz or faster
Memory	J2EE and Web Services	512 MB	512 MB
	OracleAS Portal: Metadata Repository	1 GB	1 GB
	OracleAS Portal: Using an existing Metadata Repository	1 GB	1 GB
Disk Space	J2EE and Web Services	450 MB	450 MB
	OracleAS Portal: Metadata Repository	3.4 GB	4 GB
	OracleAS Portal: Using an existing Metadata Repository	1.5 GB	2 GB
Temp Directory Space		56 MB (recommended 150 MB)	400 MB
Total Pagefile size (Virtual Memory) S	J2EE and Web Services	1.5 MB	1.5 GB
	OracleAS Portal: Metadata Repository	1.5 GB	1.5 GB
	OracleAS Portal: Using an existing Metadata Repository	1.5 GB	1.5 GB
Monitor		256 color display.	256 color display.
Hostname		Not longer than 255 characters	Not longer than 255 characters
IP		Can be static IP or DHCP-based IP	Can be static IP or DHCP-based IP

4.3 How is Oracle Database used with Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One and what are the certifications?

The Oracle database is used to store the:

1. Metadata in the Oracle Application Server Metadata Repository
2. Customer data in Customer's database

Users have the option of using the prepackaged (seed) database that comes with Oracle Application Server to store the Metadata. Or, they can use the Oracle Application Server Metadata Repository Creation Assistant tool to create Metadata Repository schemas in their own database. The following table gives the certification information for the Metadata Repository:

Metadata Repository	Database Version
Prepackaged (Seed)	10.1.0.3
Created Using Metadata Repository Creation Assistant Tool	9.2.0.6 (SE, EE) 10.1.0.4 (SE, SE One, EE)

4.4 What version of the customer database is Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One certified with?

The following table gives the versions of Oracle Database that Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is certified with:

Product	Database Versions Supported for Customer Database
Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One	9.2.0.6 and higher 10.1.0.4 and higher

Please refer to the complete platform specific certification information available on MetaLink .

4.5 Which browsers are planned to be certified with Oracle Application Server Standard Edition One?

Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One is planned to be certified with the following browsers:

* Internet Explorer 6.0
* Netscape 7.2
* Mozilla 1.7.5
* Firefox 1.0.4

Please visit MetaLink for more certification details.

4.6 What version(s) of the JDK is Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One certified against?

JDK 1.4.2. Please refer to MetaLink for more details on JDK certification.

5.0 Product Upgrades

5.1 Is there an upgrade path from earlier versions of the Application Server Standard Edition One to Oracle Application Server 10*g* Release 2 (10.1.2.0.1)?

No, Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is the initial offering.

6.0 Product Functionality

6.1 What are the product highlights for this edition?
The highlights of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One are:

- Single-Click Installation
- Ease of Management
- Pre-built portal application providing basic content management and publishing capabilities with a simplified editing experience. Specifically designed to meet the needs of smaller organizations that have less IT resources
- Oracle JDeveloper / J2EE to develop Java, J2EE, PL/SQL, PHP, Python and other applications.
- J2EE 1.3 compliant containers to deploy the applications and web services

6.2 What are the main development features of Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One?
The following list consists of the main development features available with this edition. For more details, the Oracle Application Server Data Sheet will be made available on OTN closer to the release of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One.

- Integrated development environment for J2EE 1.3 and web services
- Full life cycle support: design, develop, test, debug, tune, and deploy
- J2EE framework for application development productivity (ADF, Struts, UIX)
- Embedded J2EE server for fast development cycles
- Integrated open source tools (Struts, CVS, Ant, JUnit)
- Personalizable and extensible development environments

6.3 What is Oracle Instant Portal?
Oracle Instant Portal is an out-of-the-box portal application to help small businesses and departments to communicate and share information. No up front development is needed to create a simple portal with pre-configured pages for publishing and organizing content by department or function. Each portal also includes a simple home page for displaying company news and announcements as well as for highlighting newly added content and user favorites. Navigation and Search facilities are also built right in. Your first Oracle Instant Portal is created automatically when Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One is installed. With a single click, you can invoke a wizard to create additional Oracle Instant Portals.

Oracle Instant Portal makes it easy to create communities of users who can share content in a secure environment. Oracle Instant Portal features provide a simple way to do the following:

- Enable content sharing throughout your company
- Create smaller portals to serve the needs of a particular department
- Communicate more fully with partners or customers

6.4 What are the main deployment and operational features of Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One?

The following table lists the main deployment features available with this edition. For more details, the Oracle Application Server Data Sheet will be made available on OTN closer to the release of Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One.

Deployment Feature	Details
Java Object Cache	Improves performance by caching most used Java objects in memory.
System Management	Lightweight, HTML based Oracle Enterprise Manager console to help you manage Oracle Application Server and to help with easy deployment of applications.
Improved Performance	Dynamic Monitoring Service (DMS) provides key metrics and helps you with better capacity management.
Death Detection and automatic restart capability	OPMN framework detects and restarts any OC4J instance that is not functional.
Standard based Security Framework	JAZN-XML based JAAS security framework.
Bulk loading of Oracle Internet Directory users	Bulk loading of Oracle Internet Directory users via the Oracle Directory Integration and Provisioning (DIP) assistant (the loaddata command).
One click start and stop functionality.	Enables you to start and stop the Oracle Enterprise Manager Application Server Control, middle tier and Infrastructure instances, and all Oracle Application Server Standard Edition One components from the Start menu.
Backup/Recovery	Backup your configuration information and data directly from the Application Server Control Console by clicking on the "Backup/Recovery" tab.

6.5 Is Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One Compatible with J2EE standards?

Yes, Oracle Application Server 10g Release 2 (10.1.2.0.1) Standard Edition One is compatible with J2EE 1.3 ™.

6.6 Can I store the Oracle Application Server Metadata Repository into an existing database?

Yes, but the existing database should reside on the same machine for the Oracle Application Server Standard Edition One License to be valid.

6.7 Can Oracle Application Server Standard Edition One work with any non-Oracle databases?

Customers can use DataDirect Adapters to access non-Oracle databases.

6.8 Can I re-deploy an application built using Oracle Application Server Standard Edition One to Standard Edition and Enterprise Edition?
Yes, you can re-deploy to Standard Edition and Enterprise Edition.

6.9 What are the languages supported by Oracle Application Server 10g?
The languages supported are available in the Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One documentation on OTN.

6.10 Where can I get more information on the features of Oracle Application Server 10*g* Release 2 (10.1.2.0.1) Standard Edition One
Please refer to the Oracle Application Server New Features White Paper on OTN.

6.11 Can Oracle Application Server Standard Edition One based installation co-exist with other Edition-based installations?
Yes, Oracle Application Server Standard Edition One can coexist with:

- Oracle Application Server Java Edition
- Oracle Application Server Standard Edition
- Oracle Application Server Enterprise Edition

on the same machine as long as there are hardware resources on the machine to support this.

6.12 I am running in a locale other than US7 ASCII and I get this error: ORA-604 error and the ORA-2268 or ORA-1756 error. What should I do?
Database connections using Java or JDBC from a locale where NLS_LANG is non-US7ASCII and LC_ALL is set to something other than 'C' can fail with the ORA-604 error and the ORA-2268 or ORA-1756 error.

If you are running in a locale other than US7ASCII, then apply the following fixes after completing the installation of Oracle Application Server Standard Edition One:

1. Shutdown all processes in all instances.
2. Apply Database Server patch set (10.1.0.4).
3. Apply Patch 4406738
4. Restart all processes in all instances.

Both database 10.1.0.4 patch set and patch 4406738 can be downloaded from http://metalink.oracle.com. When using OracleAS Metadata Repository Creation Assistant against an existing Database 10.1.0.4 instance, apply oneoff patch 4406738 to Database home before running OracleAS Metadata Repository Creation Assistant.

7.0 Additional Sources of Information

7.1 Where do I find comprehensive product collateral for Oracle Application Server 10*g*?
 Product Collateral is available on Oracle Technology Network.

7.2 Where do I find product documentation for Oracle Application Server 10*g*?
Product documentation (including Release Notes and Licensing Document) is available on Oracle Technology Network.

7.3 Are there any demonstrations available
See the demonstrations (requires Macromedia Flash 7.0 or later, downloadable from Macromedia).

7.4 Where can I find more information about other versions of Oracle Application Server.
You can start with the Oracle Application Server 10g - FAQ on OTN.

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