

Please note all dates are subject to change.

Introduction

Oracle Application Server 10g is the industry's most comprehensive and most cohesive application platform suite. Oracle Application Server 10g is designed to enable:

- **Service-Oriented Architecture** - A software architecture that facilitates the development of enterprise applications as modular business services. Oracle Application Server 10g provides a comprehensive service-oriented architecture infrastructure to enable you to develop, wrap, orchestrate, provision, manage, secure, federate, discover, and access enterprise applications as services. Service-oriented Architecture provides organizations with a more flexible enterprise application infrastructure. Oracle Application Server also supports Event-Driven Computing, as a complement to SOA, to enable real time, sense-and-respond applications such as RFID based systems.
- **Grid Computing** – A software architecture that enables the use of pools of low-cost, modular servers and storage to run Enterprise Applications and Databases. Oracle Application Server 10g is the only APS in the industry that allows you to use low-cost modular servers and storage to run enterprise applications. You can start small; you can use low-cost computers; you'll have less excess capacity; and you can add capacity when you need it. Grid computing can dramatically lower your information technology costs and reduce complexity.
- **Best of Breed Solutions** - A broad range of technology solutions for: (i) Business Intelligence – enabling organizations to collect, analyze and distribute information; (ii) Business Integration – enabling organizations to integrate systems with each other and automate business processes; (iii) Enterprise Portals – enabling organizations to aggregate and share information within their organizations and with business partners; and (iv) Identity Management – enabling organizations to consolidate security administration to lower costs and reduce security vulnerabilities.
- **Best Total Value of Opportunity**- Oracle Application Server 10g provides you with the best total value of opportunity – (i) a single toolset and framework to improve developer productivity; (ii) a single cohesive product architecture to reduce middleware complexity; and (iii) a single software provisioning and management tool to reduce operational and management costs. You can reduce middleware complexity, deliver projects faster, and save costs on hardware, storage, operations, and management.

In this Statement of Direction, Oracle Corporation provides a road map for Oracle Application Server on various types of Intel® Processor based systems. This covers the roadmap on following processor-based systems:

- Intel®:
 - [Itanium® 2](#)
 - [Xeon™](#)
 - [64-bit extension technology for Intel® IA-32 processors](#)

Oracle's Support for Intel® Itanium® 2 Based Systems

The Itanium® 2 architecture extends the Intel® architecture to 64 bits, and it also allows high performance using new levels of parallelism for enterprise and technical applications. In addition, high availability, scalability and breadth of enterprise operating systems and applications ensure investment protection.

Oracle as an industry leader is meeting the demands of the market by providing software to run on Itanium® 2-based systems for the changing needs of its customers.

Current Availability on Itanium® 2 Based Systems

Oracle Application Server 10g Release 2 (10.1.2.0.0) is the current production release. This release makes the following services generally available to customers on Itanium® 2 processor based systems

Services	Oracle Application Server 10g
	10.1.2.0.0
J2EE: Oracle Containers for J2EE (OC4J)	Y
Oracle TopLink	Y
Web Caching	Y

The above services are supported on the following platforms:

Platform	O/S Version	Status
HP-UX	HP-UX 11i v2 (also referred to as HP-UX version 11.23)	Available
Linux	RedHat Linux EL 3.0 SLES9	Available
Windows	Windows Server 2003	Available

Future Support for Itanium® 2 Based Systems

Oracle will further expand its Application Server offering and offer all of its services on Itanium® 2 processor based systems with its next major release: Oracle Application Server 10g Release 2 (10.1.2.0.2).

While release dates are subject to change by Oracle, the plan is to make the following service certification for Oracle Application Server 10g Release 2 (10.1.2.0.2) generally available to customers on Itanium-2 processor based systems 8-16 weeks within the shipment of initial platforms in the second half of CY05.

The following capabilities will be made available with Oracle Application Server 10g Release 2 (10.1.2.0.2):

Services	Oracle Application Server 10g
	10.1.2.0.2
J2EE: Oracle Containers for J2EE (OC4J)	Projected
TopLink	Projected
Web Cache	Projected
Portal	Projected
Wireless	Projected
Forms and Reports	Projected
Business Intelligence	Projected
Business Integration	Projected
Identity Management	Projected
Oracle Application Server Metadata Repository can exist in a certified Oracle Database that is running on Itanium [®] 2 based systems.	

The above services will be made available on the following platforms:

Platform	O/S Version	Status
HP-UX	HP-UX 11i v2 (also referred to as HP-UX version 11.23)	Projected
Linux	RedHat Linux EL 3.0 SLES 9	Projected
Windows	Windows Server 2003	Projected



Oracle's Support for Xeon™ Based Systems

The latest Xeon™ processor delivers compute power at unparalleled value and flexibility for internet infrastructure and departmental server applications. The Intel NetBurst micro-architecture and Hyper-Threading Technology deliver outstanding performance and headroom for peak Internet server workloads, resulting in faster response times, support for more users, and improved scalability. (Source: <http://www.intel.com>)

Oracle as an industry leader is meeting the demands of the market by providing software to run on Xeon™ - based systems for the high performing needs of its customers.

Current Availability on Xeon™ Based Systems

Currently the following releases of Oracle Application Server are available on Xeon™ processor based systems:

Services	Oracle Application Server		
	10g (9.0.4)	10g (10.1.2.0.0)	10g (10.1.2.0.2)
J2EE: Oracle Containers for J2EE (OC4J)	Y	Y	Y
TopLink	Y	Y	Y
Web Cache	Y	Y	Y
Portal	Y	Y	Y
Wireless	Y	Y	Y
Forms and Reports	Y	N	Y
Business Intelligence	Y	N	Y
Business Integration	Y	Y	Projected
Identity Management	Y	Y	Y

Oracle Application Server Metadata Repository can exist in a certified Oracle Database that is running on Xeon™ processor based systems.

The above services are supported on the following platforms:

Platform	O/S Version
Linux	RedHat Linux EL 3.0, RedHat Linux EL 4.0, RedHat Linux AS 2.1*, SLES 8, SLES 9
Windows	Windows 2000, Windows Server 2003

For specific platform certification information, please visit: <http://metalink.oracle.com>.

* Note: RedHat AS 2.1 will be certified only on Linux x86 (32-bit)

Future release of Oracle Application Server 10g Release 2 (10.1.2.0.2) is also planned to be made available on Xeon™ based systems on the platforms mentioned above and on Sun Solaris 2.9.



Oracle's Support for Intel® 64 bit Technology Extension to IA-32 Processor (EM64T) Based Systems Running 32-bit OS

Intel® provides 64-bit extension technology enhancement to Intel®'s IA-32 architecture. The enhancement allows the processor to run newly written 64-bit code and access larger amounts of memory. These extensions do not run code written for the Intel® Itanium® processor. (Source: <http://www.intel.com>). Oracle's plan to support this technology is detailed below.

Oracle Application Server 10g Release 2 (10.1.2.0.0) is the current release. These releases provide the following services (available as a 32 bit application) on EM64T processor based systems:

Services	Oracle Application Server 10g		
	9.0.4	10.1.2.0.0	10.1.2.0.2
J2EE: Oracle Containers for J2EE (OC4J)	Y	Y	Projected
TopLink	Y	Y	Projected
Web Cache	Y	Y	Projected
Portal	Y	Y	Projected
Wireless	Y	Y	Projected
Business Intelligence	Y	Y	Projected
Business Integration	Y	Y	Projected
Identity Management	Y	Y	Projected
Forms and Reports	Y	-	Projected

The above services are available on the following platforms:

Platform	O/S Version	Oracle Application Server 10g		
		9.0.4	10.1.2.0.0	10.1.2.0.2
Linux	RedHat Linux EL 3.0	-	Y	Projected
	RedHat Linux EL 4.0	-	-	Projected
	SLES 9	-	Y	Projected
Windows (32 bit)	Windows Sever 2003	Y	Y	Projected
	Windows 2000		-	Projected

Oracle's Support for Intel® 64 bit Technology Extension to IA-32 Processor (EM64T) Based Systems Running 64-bit OS

Oracle Application Server 10g Release 2 (10.1.2.0.0) is the current production release. The following table gives the services generally available (as a 32 bit application) to customers on EM64T processor based systems running 64 bit OS:

Services	Oracle Application Server 10g	
	10.1.2.0.0	10.1.2.0.2
J2EE: Oracle Containers for J2EE (OC4J)	Y	Projected
Oracle TopLink	Y	Projected
Oracle Web Cache	Y	Projected
Portal	Y	Projected
Wireless	Y	Projected
Business Intelligence	Y	Projected
Business Integration	Y	Projected
Identity Management	Y	Projected
Forms and Reports	-	Projected

The above services are available on the following platforms:

Platform	Operating System	Oracle Application Server 10g	
		10.1.2.0.0	10.1.2.0.2
Linux	RedHat Linux EL 3.0	Y	Projected
	RedHat Linux EL 4.0	-	Projected
	SUSE SLES9	Y	Projected
Windows	Windows Server 2003	-	Projected

Future Support on Intel® 64 Bit Technology Extension to IA-32 Based Systems

Oracle is currently evaluating the market need for certification of Oracle Application Server 10g Release 2 running as a 64-Bit application on 64-Bit Windows operating systems based on EM64T processor.

Note: All the above said platform support planning is subject to change.



ORACLE FUSION MIDDLEWARE

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