

Oracle Products

**Supported Configurations for
Oracle WebLogic Server,
WebLogic Portal and
WebLogic Integration 10gR3
(10.3)**

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Supported Configurations for Oracle WebLogic Server, WebLogic Portal, and WebLogic Integration 10gR3 (10.3)

The Oracle WebLogic Server, WebLogic Portal and WebLogic Integration Supported Configurations information for 10gR3 has moved to a new location and format.

To access the Supported Configurations information, please click on the following links:

- [Oracle WebLogic Server 10gR3 \(10.3\)](#)
- [Oracle WebLogic Portal 10gR3 \(10.3\)](#)
- [Oracle WebLogic Integration 10gR3 \(10.3\)](#)

If you do not have Microsoft Excel installed, please download [Excel Viewer](#) to open, view, and print Excel workbooks.

Supported Configurations for Oracle WebLogic Server, WebLogic Portal, and WebLogic Integration
10gR3 (10.3)

Supported Web Servers, Browsers, and Firewalls

WebLogic Server 10.3 supports the following configuration components:

- [“Web Servers” on page 2-1](#)
- [“Browsers and Plug-Ins” on page 2-6](#)
- [“Firewalls” on page 2-8](#)

Web Servers

This section lists Web servers supplied by third-party vendors that are supported by WebLogic Server 10.3.

Web server plug-ins, delivered with WebLogic Server, enable WebLogic Server to communicate with applications that have been deployed on a different Web server.

[Table 2-1](#) lists the supported Web servers and the operating systems on which they can be run. It is not necessary to run a Web server on the same machine on which you run WebLogic Server 10.3.

Table 2-1 Web Servers Supported by WebLogic Server 10.3

Web Server	Version	Operating System Version and Chip Architecture
Apache (32-bit) Note: For use of the multithreaded option, WebLogic Server supports only Apache 2.0.48 or a higher version. Users of the single-threaded option, however, are supported by WebLogic Server on any 2.0.42 or higher version of Apache.	2.0.42 and higher versions of 2.0.x (32-bit versions) Deprecated.	<ul style="list-style-type: none"> • IBM AIX on pSeries: —5.2 ML7 —5.3 —6.1 • Microsoft Windows Server 2003 on x86: —Standard, Enterprise, Datacenter • Novell SUSE Linux Enterprise Server (SLES) 9, 10 on x86 • Oracle Enterprise Linux on x86: —4.x —5.x • Red Hat Enterprise Linux on x86: —4.x AS, ES, WS —5.x AS, ES, WS • Sun Solaris 8, 9, 10 on SPARC • Sun Solaris 9, 10 on x86 • Sun Solaris 10 on AMD64
	2.2.x (32-bit versions)	<ul style="list-style-type: none"> • IBM AIX on pSeries: —5.2 ML7 —5.3 —6.1 • Microsoft Windows Server 2003 (including SP1+) on x86: —Standard, Enterprise, Datacenter • Novell SUSE Linux Enterprise Server (SLES) 9, 10 on x86 • Oracle Enterprise Linux on x86: —4.x —5.x • Red Hat Enterprise Linux on x86: —4.x AS, ES, WS —5.x AS, ES, WS • Sun Solaris 8, 9, 10 on SPARC • Sun Solaris 9,10 on x86 • Sun Solaris 10 on AMD64

Table 2-1 Web Servers Supported by WebLogic Server 10.3

Web Server	Version	Operating System Version and Chip Architecture
Apache (64-bit)	2.0.49 and higher (64-bit versions) Deprecated.	<ul style="list-style-type: none"> Novell SUSE Linux Enterprise Server (SLES) 9, 10 on 64-bit Xeon, AMD64 Oracle Enterprise Linux 4.x, 5.x AS, ES, WS on 64-bit Xeon, AMD64 Red Hat Enterprise Linux 4.x, 5.x AS, ES, WS on 64-bit Xeon, AMD64
	2.2.x (64-bit versions)	<ul style="list-style-type: none"> Novell SUSE Linux Enterprise Server (SLES) 9, 10 on 64-bit Xeon, AMD64 Oracle Enterprise Linux 4.x, 5.x AS, ES, WS on 64-bit Xeon, AMD64 Red Hat Enterprise Linux 4.x, 5.x AS, ES, WS on 64-bit Xeon, AMD64
HP Apache-based Web server Note: With libraries downloaded from the HP Web site	2.0.58-2.0.59	<ul style="list-style-type: none"> HP-UX on PA-RISC (32 bit Apache only): —11i —11i V2 —11i V3 HP-UX on Itanium (64 bit Apache) on: —11iV2 —11i V3
Microsoft Internet Information Server (IIS)	5.0	<ul style="list-style-type: none"> Microsoft Windows XP on x86
	6.0	<ul style="list-style-type: none"> Microsoft Windows Server 2003 SP1+ Standard, Enterprise, Datacenter on x86, 64-bit Xeon, AMD64 Microsoft Windows XP on x86
	7.0	<ul style="list-style-type: none"> Microsoft Windows Server 2008 on x86, 64-bit Xeon, AMD64 Microsoft Windows Vista on x86

Table 2-1 Web Servers Supported by WebLogic Server 10.3

Web Server	Version	Operating System Version and Chip Architecture
Sun Java System Web Server (Formerly Sun ONE Web Server)	6.1 SP1 and all later service packs (32 bit only)	<ul style="list-style-type: none"> • IBM AIX on pSeries: <ul style="list-style-type: none"> —5.2 ML7 —5.3 —6.1 • HP-UX 11i on PA-RISC • Microsoft Windows Server 2003 on x86: <ul style="list-style-type: none"> —Standard, Enterprise, Datacenter • Microsoft Windows XP on x86 • Novell SUSE Linux Enterprise Server (SLES) 9, 10 on x86 • Oracle Enterprise Linux 4.x, 5.x on x86: • Red Hat Enterprise Linux on x86: <ul style="list-style-type: none"> —4.x AS, ES, WS —5.x AS, ES, WS • Sun Solaris 8, 9, 10 on SPARC • Sun Solaris 9, 10 on x86 • Sun Solaris 10 on AMD64
	7.0 and all later service packs (32 bit only)	<ul style="list-style-type: none"> • IBM AIX on pSeries: <ul style="list-style-type: none"> —5.2 ML 7 —5.3 —6.1 • HP-UX 11i on PA-RISC • Microsoft Windows Server 2003 Standard, Enterprise, Datacenter on x86 • Microsoft Windows XP on x86 • Novell SUSE Linux Enterprise Server (SLES) 9, 10 on x86 • Oracle Enterprise Linux 4.x, 5.x on x86: • Red Hat Enterprise Linux on x86: <ul style="list-style-type: none"> —4.x AS, ES, WS —5.x AS, ES, WS • Sun Solaris 8, 9, 10 on SPARC • Sun Solaris 9, 10 on x86 • Sun Solaris 10 on AMD64

Table 2-1 Web Servers Supported by WebLogic Server 10.3

Web Server	Version	Operating System Version and Chip Architecture
Oracle HTTP Server (Standalone Oracle HTTP Server (OHS) based on Apache 2.0)	10.1.3 and higher dot versions	For additional certification information regarding Oracle HTTP Server, please refer to <i>Oracle Fusion Middleware Certification Information for 10gR3</i> .

Browsers and Plug-Ins

Browsers are used for a variety of purposes, including:

- [“Accessing End-User Applications”](#) on page 2-6
- [“Accessing WebLogic Server, WebLogic Portal and WebLogic Integration Consoles”](#) on page 2-7

Accessing End-User Applications

In general, WebLogic Server, WebLogic Portal and WebLogic Integration supports the use of any browser to enable end-user access to applications with the following restrictions:

- You must follow best practices when implementing features targeted for use with the browser you choose to support
- Use of applets for end-user access to applications is more restricted. See [“Browser Support for Applets”](#) on page 2-8.

Browser Support for Applications using Apache Beehive

Apache Beehive, which is included with WebLogic Server, WebLogic Portal and WebLogic Integration products, provides several JSP tag libraries for building applications. The following browsers are supported for end users accessing applications built with these tag libraries:

- Microsoft Internet Explorer
 - 6.0 SP1 and later service packs
 - 7.0 and later service packs
- Mozilla FireFox
 - Firefox 1.0 (Deprecated, Oracle recommends moving to a supported version of the browsers listed.)
 - Firefox 1.5 (Deprecated, Oracle recommends moving to a supported version of the browsers listed.)
 - Firefox 2.0

Accessing WebLogic Server, WebLogic Portal and WebLogic Integration Consoles

Note: If you use a browser version that is not listed as a supported browser in the following sections, you may experience functional or formatting problems.

Browser support for WebLogic Server, WebLogic Portal and WebLogic Integration is dependent on the browser version and the Java plug-in for applet support.

- [“Browser Support for WebLogic Server, WebLogic Portal and WebLogic Integration Consoles” on page 2-7](#)
- [“Browser Support for the Use of Online Help within the Workshop for WebLogic IDE” on page 2-7](#)
- [“Browser Support for Applications using Apache Beehive” on page 2-6](#)
- [“Browser Support for Applets” on page 2-8](#)

Browser Support for WebLogic Server, WebLogic Portal and WebLogic Integration Consoles

The following list summarizes browser support for the consoles:

- Microsoft Internet Explorer
 - 6.0 SP1 and later service packs
 - 7.0 and later service packs
- Mozilla FireFox
 - Firefox 1.0 (Deprecated, Oracle recommends moving to a supported version of the browsers listed.)
 - Firefox 1.5 (Deprecated, Oracle recommends moving to a supported version of the browsers listed.)
 - Firefox 2.0

Browser Support for the Use of Online Help within the Workshop for WebLogic IDE

The following browsers are supported for viewing help content provided by the BEA Workshop IDE:

- Microsoft Internet Explorer
 - 6.0 SP1 and later service packs
 - 7.0 and later service packs
- Mozilla FireFox
 - Firefox 1.0 (Deprecated, Oracle recommends moving to a supported version of the browsers listed.)
 - Firefox 1.5 (Deprecated, Oracle recommends moving to a supported version of the browsers listed.)
 - Firefox 2.0

Browser Support for Applets

The following list summarizes browser support for applets:

- Sun Java Plug-in 1.4.x
- Sun Java Plug-in 1.5.x

Firewalls

WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 support network devices, such as firewalls, that properly support network protocols and the 7-Layer Network Model. BEA will perform root cause analysis on interaction problems between WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 and network devices, and it will address issues related to WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 as appropriate, but it cannot address network address issues.

Supported Web Servers, Browsers, and Firewalls

Supported Database Configurations

The following sections provide information on supported drivers and databases for application connectivity and use with WebLogic Server, WebLogic Portal and WebLogic Integration:

- [“WebLogic Server Support for Databases” on page 3-1](#)
- [“WebLogic Platform Support for Databases” on page 3-6](#)

WebLogic Server Support for Databases

The following sections provide information on supported drivers and databases for application connectivity and use with WebLogic Server features:

- [“WebLogic Server Support for Database Application Connectivity” on page 3-1](#)
- [“Databases Supporting WebLogic Server Features” on page 3-2](#)
- [“Supported Database Versions and Drivers for Oracle RAC” on page 3-5](#)
- [“Deprecation of WebLogic Type 4 JDBC Driver for Oracle” on page 3-6](#)

WebLogic Server Support for Database Application Connectivity

WebLogic Server provides support for application connectivity and communication with any database management system using a JDBC driver that meets the following requirements:

Supported Database Configurations

- The driver *must* be threadsafe. WebLogic Server is highly multithreaded and there are some drivers (the JDBC-ODBC bridge from Sun, for example) that cannot be used with WebLogic Server.
- The driver must implement standard JDBC transactional calls, such as `setAutoCommit()` and `setTransactionIsolation()`, when used in transactionally aware environments, such as for EJBs.

Note the following restrictions:

- Third-party JDBC drivers that do not implement serializable or remote interfaces cannot pass objects to an RMI client application.
- Certain features of WebLogic Server, such as Container Managed Persistence (CMP) and Rowsets, may not be supported with particular databases. See [“Databases Supporting WebLogic Server Features” on page 3-2.](#)
- Not all JDBC drivers can be used with WebLogic Server and Oracle RAC. See [“Supported Database Versions and Drivers for Oracle RAC” on page 3-5.](#)
- Automatic database connection failover and load balancing with global transactions (XA) in a highly-available (HA) DBMS architecture is supported with Oracle RAC only, and is not supported with other HA DBMS technologies. Transaction behavior for HA DBMSs varies from vendor to vendor and among various HA technologies. Because of these differences in behavior, the WebLogic Transaction Manager may not be able to complete or continue transactions with connections to a database other than the database instance used to originate the transaction. Attempts to do so may result in data consistency errors without any indication of an error.

For information on using JDBC drivers with WebLogic Server, see:

- [WebLogic Type 4 JDBC Drivers.](#)
- [Configuring JDBC Data Sources](#) in *Configuring and Managing WebLogic JDBC.*
- [Using Third-Party Drivers with WebLogic Server](#) in *Configuring and Managing WebLogic JDBC.*

Databases Supporting WebLogic Server Features

When WebLogic Server features use a database for internal data storage, database support requirements are more restrictive than for application connectivity. The following WebLogic Server features require internal data storage:

- Container Managed Persistence (CMP)

- Rowsets
- JMS/JDBC Persistence and use of a WebLogic JDBC Store
- JDBC Session Persistence
- RDBMS Security Providers
- Database leasing (for singleton services and server migration)
- JTA Logging Last Resource optimization

The following table lists the types of databases and drivers supported for use with WebLogic Server features.

Table 3-1 Database Support for WebLogic Server Features

Database Type	JDBC Driver	Notes
DB2 8.2 FixPak2 (equivalent to 8.1 FixPak 9) and later FixPaks	<ul style="list-style-type: none"> • BEA WebLogic Type 4 JDBC DB2 Driver • BEA WebLogic Type 4 XA JDBC DB2 Driver 	
DB2 9.1 and later FixPaks	<ul style="list-style-type: none"> • BEA WebLogic Type 4 JDBC DB2 Driver • BEA WebLogic Type 4 XA JDBC DB2 Driver 	
DB2 9.5 and later FixPaks	<ul style="list-style-type: none"> • BEA WebLogic Type 4 JDBC DB2 Driver • BEA WebLogic Type 4 XA JDBC DB2 Driver 	
MySQL 4	Connect/J	<ul style="list-style-type: none"> • The <code>mysql.jar</code> file is not bundled with ProductName. It is available for download from: http://dev.mysql.com/downloads/connector • No XA or stored procedures support available.
MySQL 5 and later versions of 5.x	Connect/J	No XA support available.

Table 3-1 Database Support for WebLogic Server Features

Microsoft SQL Server 2005	<ul style="list-style-type: none"> • WebLogic Type 4 JDBC SQL Server Driver • WebLogic Type 4 XA JDBC SQL Server Driver 	SQL Server 2005 is supported only on Microsoft operating systems.
Sybase 12.5.03 and later patch levels of 12.5.x	<ul style="list-style-type: none"> • WebLogic Type 4 JDBC Sybase Driver • WLS Type 4 XA JDBC Sybase Driver 	
Sybase 15.0.x and later patch levels of 15.0.x	<ul style="list-style-type: none"> • WebLogic Type 4 JDBC Sybase Driver • WebLogic Type 4 XA JDBC Sybase Driver 	
PointBase 5.6	PointBase Type 4 Driver	PointBase Server is an all-Java DBMS product included in the WebLogic Server distribution solely for evaluation purposes, either in the form of custom trial applications or through packaged sample applications provided with WebLogic Server. Non-evaluation development or other use of the PointBase Server requires that a separate PointBase Server license be obtained by the end user directly from DataMirror.
Oracle 9i (9.2.0.4 and later patch sets of 9.2.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed. See “Deprecation of WebLogic Type 4 JDBC Driver for Oracle” on page 3-6.
Oracle 10gR1 (Oracle 10.1.0.4 and later patch sets of 10.1.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.

Table 3-1 Database Support for WebLogic Server Features

Oracle 10gR2 (Oracle 10.2.0.1 and later patch sets of 10.2.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.
Oracle 11gR1 (Oracle 11.1.0.6.0 and later patch sets of 11.1.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.
Oracle 11gR2 (Oracle 11.2.0.1+)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.

Supported Database Versions and Drivers for Oracle RAC

Automatic database connection failover and load balancing with global transactions (XA) in a highly-available (HA) DBMS architecture is supported with the following Oracle RAC versions and drivers:

Table 3-2 Database Types and Drivers Supported by WebLogic Server 10.3

Database Type	JDBC Driver
Oracle 10gR2 RAC (for Oracle 10.2.0.1 and later patch sets of 10.2.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g
Oracle 11gR1 RAC (for Oracle 11.1.0.6.0 and later patch sets of 11.1.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g • Support for 11g RAC continues to rely on the well-proven integration architecture using Multi-Data Sources for XA with load balancing. See Using WebLogic Server with Oracle RAC in <i>Configuring and Managing WebLogic JDBC</i>.
Oracle 11gR2 RAC (for Oracle 11.2.0.1+)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g • Support for 11g RAC continues to rely on the well-proven integration architecture using Multi-Data Sources for XA with load balancing. See Using WebLogic Server with Oracle RAC in <i>Configuring and Managing WebLogic JDBC</i>.

For information about configuring WebLogic Server with Oracle RAC, see [Configuring and Managing WebLogic JDBC](#).

Deprecation of WebLogic Type 4 JDBC Driver for Oracle

This release deprecates the WebLogic JDBC driver for Oracle. This driver will be removed in the next release of WebLogic Server. As a replacement, users should use the Oracle Thin driver, which also ships with WebLogic Server.

WebLogic Platform Support for Databases

The following sections provide information on supported drivers and databases for application connectivity and use with WebLogic Platform:

- [“Databases Supporting WebLogic Platform” on page 3-6](#)
- [“WebLogic Platform Support for Oracle RAC” on page 3-9](#)

Databases Supporting WebLogic Platform

The following table lists the types of databases and drivers supported for WebLogic Portal and WebLogic Integration.

Table 3-3 Database Types and Drivers Supported by WebLogic Platform

Database Type	JDBC Driver	Notes
DB2 8.2 FixPak2 (equivalent to 8.1 FixPak 9) and later FixPaks	<ul style="list-style-type: none">• BEA WebLogic Type 4 JDBC DB2 Driver• BEA WebLogic Type 4 XA JDBC DB2 Driver	
DB2 9.1 and later FixPaks	<ul style="list-style-type: none">• BEA WebLogic Type 4 JDBC DB2 Driver• BEA WebLogic Type 4 XA JDBC DB2 Driver	
DB2 9.5 and later FixPaks	<ul style="list-style-type: none">• BEA WebLogic Type 4 JDBC DB2 Driver• BEA WebLogic Type 4 XA JDBC DB2 Driver	

Table 3-3 Database Types and Drivers Supported by WebLogic Platform

MySQL 4	Connect/J	<ul style="list-style-type: none"> • Not supported with WebLogic Portal. • The <code>mysql.jar</code> file is not bundled with ProductName. It is available for download from: http://dev.mysql.com/downloads/connector • No XA or stored procedures support available.
MySQL 5	Connect/J	No XA support available.
Microsoft SQL Server 2005	<ul style="list-style-type: none"> • BEA WebLogic Type 4 JDBC SQL Server Driver • BEA WebLogic Type 4 XA JDBC SQL Server Driver 	SQL Server 2005 is supported only on Microsoft operating systems.
Sybase 12.5.03 and later patch levels of 12.5.x	<ul style="list-style-type: none"> • BEA WebLogic Type 4 JDBC Sybase Driver • BEA WebLogic Type 4 XA JDBC Sybase Driver 	
Sybase 15.0.x and later patch levels of 15.0.x	<ul style="list-style-type: none"> • BEA WebLogic Type 4 JDBC Sybase Driver • BEA WebLogic Type 4 XA JDBC Sybase Driver 	

Table 3-3 Database Types and Drivers Supported by WebLogic Platform

PointBase 5.1	PointBase Type 4 Driver	PointBase Server is an all-Java DBMS product included in the WebLogic Server distribution solely for evaluation purposes, either in the form of custom trial applications or through packaged sample applications provided with WebLogic Server. Non-evaluation development or other use of the PointBase Server requires that a separate PointBase Server license be obtained by the end user directly from DataMirror. BEA evaluation license limits the size of the PointBase database to 30MB.
Oracle 9i (9.2.0.4 and later patch sets of 9.2.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.
Oracle 10gR1 (Oracle 10.1.0.4 and later patch sets of 10.1.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed. Not supported by WebLogic Portal.
Oracle 10gR2 (Oracle 10.2.0.1 and later patch sets of 10.2.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.
Oracle 11gR1 (Oracle 11.1.0.6.0 and later patch sets of 11.1.x)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.
Oracle 11gR2 (Oracle 11.2.0.1+)	<ul style="list-style-type: none"> • Oracle Thin Driver 10g • Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.

WebLogic Platform Support for Oracle RAC

Automatic database connection failover and load balancing with global transactions (XA) in a highly-available (HA) DBMS architecture is supported with the following Oracle RAC versions and drivers:

Table 3-4 Database Types and Drivers Supported by WebLogic Platform

Database Type	JDBC Driver	Notes
Oracle 10gR2 RAC (for Oracle 10.2.0.1 and later patch sets of 10.2.x)	<ul style="list-style-type: none"> Oracle Thin Driver 10g Oracle Thin Driver 11g 	Oracle Thin Drivers support the Oracle database versions that are listed.
Oracle 11gR1 RAC (Oracle 11.1.0.6.0 and later patch sets of 11.1.x)	<ul style="list-style-type: none"> Oracle Thin Driver 10g Oracle Thin Driver 11g 	<p>Oracle Thin Drivers support the Oracle database versions that are listed.</p> <p>Support for 11g RAC continues to rely on the well-proven integration architecture using Multi-Data Sources for XA with load balancing. See Using WebLogic Server with Oracle RAC in <i>Configuring and Managing WebLogic JDBC</i>.</p>
Oracle 11gR2 RAC (Oracle 11.2.0.1+)	<ul style="list-style-type: none"> Oracle Thin Driver 10g Oracle Thin Driver 11g 	<p>Oracle Thin Drivers support the Oracle database versions that are listed.</p> <p>Support for 11g RAC continues to rely on the well-proven integration architecture using Multi-Data Sources for XA with load balancing. See Using WebLogic Server with Oracle RAC in <i>Configuring and Managing WebLogic JDBC</i>.</p>

For information about configuring WebLogic Server with Oracle RAC, see:

http://e-docs.bea.com/wls/docs100/jdbc_admin/oracle_rac.html

Supported Database Configurations

Supported Interoperability Tools

This section describes the following interoperability tools that are supported for use with WebLogic Server 10.3.

- [“WebLogic Server Support for Jolt” on page 4-1](#)
- [“WebLogic Server Support for WebLogic Tuxedo Connector” on page 4-1](#)
- [“WebLogic Server Support for the WebLogic C API” on page 4-3](#)
- [“WebLogic Server Support for the JMS .NET Client” on page 4-3](#)

WebLogic Server Support for Jolt

Jolt is a Java-based client API that manages requests to Tuxedo services via a Jolt Service Listener (JSL) running on the Tuxedo server. For more information on Tuxedo and Jolt, see [Tuxedo Documentation](#).

Jolt client 9.x should be used with WebLogic Server to interoperate with Tuxedo server.

WebLogic Server Support for WebLogic Tuxedo Connector

WebLogic Tuxedo Connector supports the following Tuxedo releases:

- Tuxedo 10.0 (ATMI and CORBA)
- Tuxedo 9.1 (ATMI and CORBA)
- Tuxedo 9.0 (ATMI and CORBA)

Supported Interoperability Tools

- Tuxedo 8.1 (ATMI and CORBA)
- Tuxedo 8.0 (ATMI and CORBA)

- Tuxedo 7.1 (ATMI)
- Tuxedo 6.5 (ATMI)

WebLogic Server Support for the WebLogic C API

The WebLogic C API enables programs written in C to participate in JMS applications using the Java Native Interface (JNI) to access a Java Virtual Machine (JVM). For this release, the JMS C API adheres to the JMS Version 1.1 specification to promote the porting of Java JMS 1.1 code. For this release, Oracle supports the JMS C API on the following operating systems:

- HP-UX 11i V2, 11i V3 on Itanium
- Microsoft Windows:
 - Vista on x86, AMD64 and 64-bit Xeon
 - Server 2003 Standard, Enterprise, and Datacenter on x86, AMD64 and 64-bit Xeon
 - XP on x86
- Oracle Enterprise Server
 - 4.0, 5.0 on x86
 - 4.0, 5.0 on AMD64 and 64-bit Xeon
- Novell SUSE Linux Enterprise Server
 - 9, 10 on x86
 - 9, 10 on AMD64 and 64-bit Xeon
- Red Hat Enterprise Linux
 - 4,5 on x86
 - 4.0, 5.0 on 64-bit Xeon/AMD64
- Sun Solaris 8, 9, and 10 on SPARC

WebLogic Server Support for the JMS .NET Client

The WebLogic JMS .NET Client is a fully-managed .NET runtime library and application programming interface (API) that enables programmers to create .NET client applications, written in C#, that can access WebLogic Java Message Service (JMS) applications and resources.

Supported Interoperability Tools

For this release, Oracle supports the WebLogic JMS .NET Client on the following operating systems:

- HP-UX 11i V2, 11i V3 on Itanium
- Microsoft Windows:
 - Vista on x86, AMD64 and 64-bit Xeon
 - Server 2003 Standard, Enterprise, and Datacenter on x86, AMD64 and 64-bit Xeon
 - XP on x86
- Oracle Enterprise Server
 - 4.0, 5.0 on x86
 - 4.0, 5.0 on AMD64 and 64-bit Xeon
- Novell SUSE Linux Enterprise Server
 - 9, 10 on x86
 - 9, 10 on AMD64 and 64-bit Xeon
- Red Hat Enterprise Linux
 - 4,5 on x86
 - 4.0, 5.0 on 64-bit Xeon/AMD64
- Sun Solaris 8, 9, and 10 on SPARC

Product Support Information

The following sections provide product support information about WebLogic Server, WebLogic Portal and WebLogic Integration 10.3:

- [“Important Support Information”](#) on page 5-1
- [“End-of-Life and Product Life Cycle Policy Information”](#) on page 5-5

Important Support Information

The following sections provides guidance about high-level support policies:

- [“WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 Support”](#) on page 5-2
- [“Supported Hardware”](#) on page 5-2
- [“Compatibility of WebLogic Server 10.3 with Previous Releases”](#) on page 5-3
- [Supported Non-Oracle Virtualization and Partitioning Technologies](#)
- [“Support for Server Migration”](#) on page 5-3
- [“Development Platforms”](#) on page 5-4
- [“Support Policy for Third-Party JVMs”](#) on page 5-4
- [“Installation Information”](#) on page 5-5

WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 Support

Oracle supports WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 on the configurations supported in this document. The supported configurations include multiple combinations of hardware, operating systems, JDKs, database systems, Web servers, and browsers that can be used with software. We are working to increase the number of configurations we support, and will update this information as new supported configurations are added.

Please contact your sales representative for information about configurations not listed in this document. Note that even using a supported configuration does not guarantee that you will never encounter operating system and JVM issues while running your application. We suggest that customers regularly check their operating system and JVM vendor Web sites for information and patches recommended by those vendors.

Supported Hardware

This section provides supported hardware information:

- [“Support Policy for Compatible Hardware Architectures” on page 5-2](#)
- [“Support for Intel 64-bit Xeon Hardware” on page 5-3](#)
- [“Support for BladeFrame Architecture” on page 5-3](#)

Support Policy for Compatible Hardware Architectures

Oracle products are certified for particular hardware chip architectures, as specified in the Supported Configurations list of operating systems. In some cases, a single chip architecture is provided by multiple vendors. Oracle supports such implementations when they are certified for compliance by their respective owners. For example:

- Fujitsu offers a line of machines called Primepower. Because Sun has certified Primepower systems for SPARC compatibility, all Primepower computers are supported for any SPARC-based system listed in the Supported Configurations list of operating systems.
- The IA32-compatible (that is, x86/Xeon-compatible) architecture that is supported in the same manner by AMD.

- Users of Xen virtualization software should review Xen documentation to ensure that the versions of Windows and Linux supported by Oracle are also supported by the Xen software.

Support for Intel 64-bit Xeon Hardware

Intel's 64-bit Xeon hardware is capable of running in either of two modes: with 64-bit extended addressing or as an IA32 (x86/Xeon) machine:

- If 64-bit Xeon (listed as Intel EM64T) is explicitly listed in the Supported Configurations list of operating systems, this architecture will support 64-bit extended addressing.
- If 64-bit Xeon (listed as Intel EM64T) is *not* listed in the Supported Configurations list of operating systems this architecture will be supported only for use as an IA32 machine with the supported 32-bit operating systems and SDKs for x86-based systems listed in the Supported Configurations list of operating systems.

Support for BladeFrame Architecture

WebLogic Platform supports BladeFrame architectures on any configuration of operating system, hardware chip architecture, and SDK that is listed in the Supported Configurations list of operating systems.

Compatibility of WebLogic Server 10.3 with Previous Releases

Oracle attempts to support binary and source-level compatibility between the current version of WebLogic Server and all versions as far back as 8.1 in the areas of persistent data, generated classes, API, and protocol compatibility. For more detailed information, see [Compatibility Statement for Oracle WebLogic Server 10.3](#).

Supported Non-Oracle Virtualization and Partitioning Technologies

- For supported non-Oracle Virtualization and Partitioning technologies, refer to http://www.oracle.com/technology/products/ias/hi_av/oracleas_supported_virtualization.html.

Support for Server Migration

The following sections provide support information on Server Migration for this release:

- [“Supported Platforms for Server Migration”](#) on page 5-4
- [“Support for Leasing Implementations for Server Migration”](#) on page 5-4

For detailed information on server migration, see [Migration](#) in *Using WebLogic Server Clusters*.

Supported Platforms for Server Migration

The following section lists the configurations on which Oracle supports Server Migration for this release:

- AIX
- Solaris
- Linux
- Microsoft Windows
- HP-UX

Support for Leasing Implementations for Server Migration

This release supports high-availability database leasing and non-database (in-memory) leasing. See [“Databases Supporting WebLogic Server Features”](#) on page 3-2 for information on supported databases.

Development Platforms

WebLogic Server, WebLogic Portal and WebLogic Integration 10.3 support Development Platforms for the design, development, and verification of applications; they are not supported for production server deployments. Development Platforms are identified in the detailed *Supported Configurations* page for each platform.

Support Policy for Third-Party JVMs

A Java Virtual Machine (JVM) is required for WebLogic Server to run. For your convenience, in most cases the WebLogic installation program includes a JVM for creation of WebLogic domain configurations and use of WebLogic software. For details, see the installation guide for WebLogic Server.

If the JVM used in your configuration is not the Oracle JRockit JVM, but a JVM provided by a third party, Oracle cannot directly resolve potential issues traced to the third-party JVM. Support for a third-party JVM must be provided by the JVM vendor.

The version of any third-party JVM bundled by Oracle is recommended by the JVM vendor at the time Oracle releases its product. Because the versions of JVMs supported by vendors change over time, please consult with your JVM vendor and confirm the latest configurations in the documentation for your operating system before using a third-party JVM. To find the documentation for your operating system, see the Supported Configurations list of operating systems.

Installation Information

For the standard method of installing WebLogic Server, WebLogic Portal and WebLogic Integration, see the *Products Installation Guide*. If special installation instructions are required, they are provided along with the operating system and hardware configurations on which Oracle supports WebLogic Server, WebLogic Portal and WebLogic Integration. For information about distribution methods for WebLogic Server, WebLogic Portal and WebLogic Integration, see [Product Distribution Methods](#).

End-of-Life and Product Life Cycle Policy Information

- For information on Oracle's lifetime support policy for Oracle products, see <http://www.oracle.com/support/lifetime-support-policy.html>.
- For notification of third-party products reaching end-of-life, see [Products End-of-Life Announcements](#).

Autonomy Support

WebLogic Portal uses certain products from Autonomy for searching unstructured or structured data, including content stored in the BEA Content Repository. The following sections provide information on support for local and remote Autonomy installations:

- [“Support for Local Autonomy Installation” on page 6-1](#)
- [“Using a Remote Autonomy Installation” on page 6-2](#)

Support for Local Autonomy Installation

Where possible, the WebLogic Portal installer includes the required Autonomy components and is referred to as a local Autonomy installation. Local Autonomy is only supported on platforms using a 32-bit JDK. The following table provides the operating system and hardware where the WebLogic Portal supports local Autonomy installation:

Table 6-1 Support for Local Autonomy Installation

Operating System and Hardware
HP-UX 11i V2, V3 on Itanium
IBM AIX 5.3, AIX 6.1
Novell Suse Linux Enterprise Server 9,10 on x86
Red Hat Enterprise Linux 4, 5 on x86 (in 32-bit mode only)

Table 6-1 Support for Local Autonomy Installation

Microsoft Windows 2003 on AMD64 and 64-bit Xeon
Microsoft Windows 2008 on AMD64 and 64-bit Xeon
Solaris 9, 10 on SPARC

See <http://dev2dev.bea.com/wlportal/autonomy/index.html>.

Using a Remote Autonomy Installation

The following sections provide information on using a remote Autonomy Installation:

- “Support for Remote Autonomy Installation” on page 6-2
- “Requirements for Remote Autonomy Installation” on page 6-3
- “How to create a Remote Autonomy Installation” on page 6-4
- “Setting Up BEA Content Management Search” on page 6-5

Support for Remote Autonomy Installation

The WebLogic Portal installer for certain platforms does not include these Autonomy components due to incompatibilities between the supported operating system, WebLogic Portal, and Autonomy. In these situations, you must choose an alternate supported operating system on which to run Autonomy. Remote Autonomy installations are supported for platforms using 32-bit and 64-bit JDKs. This installation is remote to your WebLogic Portal installation. The following table provides the operating system and hardware where the WebLogic Portal supports remote Autonomy installation:

Table 6-2 Support for Remote Autonomy Installation

Operating System and Hardware
Novell Suse Linux Enterprise Server 9,10 on AMD64 and 64-bit Xeon
Oracle Enterprise Linux 4, 5 on AMD64 and 64-bit Xeon
Red Hat Enterprise Linux 4, 5 on AMD64 and 64-bit Xeon

Table 6-2 Support for Remote Autonomy Installation

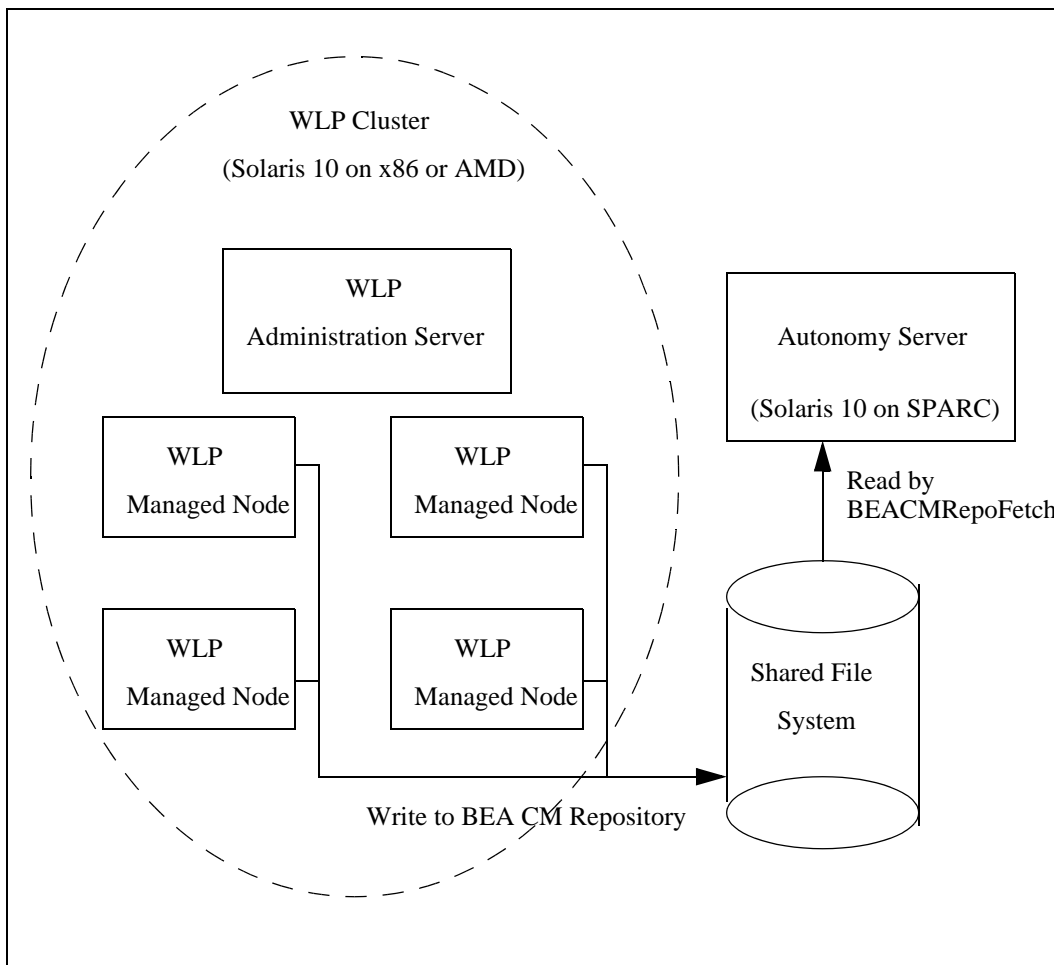
Solaris 9, 10 on x86

Solaris 9, 10 on AMD64 and 64-bit Xeon
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Requirements for Remote Autonomy Installation

In a configuration where WebLogic Portal is running on an operating system that is not supported by Autonomy, you must provide a shared file system that can be written to by each of your WebLogic Portal servers and is also accessible by the server that is hosting Autonomy. This allows the BEA Content Repository to continue to utilize Autonomy components for indexing and searching content. The following figure provides a simple example of a remote Autonomy installation using a shared file system:

Figure 6-1 Example Remote Autonomy Installation



How to create a Remote Autonomy Installation

Use the following steps to create a remote Autonomy installation:

1. Choose an alternate supported operating system (target OS) on which to run Autonomy.

2. Go to the BEA download site at <http://commerce.bea.com/index.jsp>.
3. Click on the link for BEA WebLogic.
4. Click on the link for BEA WebLogic Portal 10.3.
5. From the list of OS Platforms, select the installer for your target OS.
6. Install WebLogic Portal 10.3.
7. Optional, when the installation process is complete, you may remove any or all of the non-Autonomy related artifacts such as WebLogic Server, Workshop Runtime for WebLogic Platform, or WebLogic Portal.
8. Navigate to
`WL_HOME/portal/thirdparty/autonomy-wlp103/<operating_system_directory>`
 and configure autonomy and BEACMRepoFetch as documented.
9. Use the instructions in [Configuring Autonomy on Your Target Server](#) in *BEA WebLogic Portal 10.3 Integrating Search* to configure your Autonomy installation.
Caution: Do not move or copy any Autonomy files from this installation.
10. Use the instructions in [Setting up BEA Content Management Search](#) in *BEA WebLogic Portal 10.3 Integrating Search* to configure the BEA Content Management Fetch.

Setting Up BEA Content Management Search

Use the following steps to utilize a shared file system to configure a BEA Content Management search:

1. Create a shared directory using the tools and instructions according to your target operating system platform(s) where *shared_drive* is the name of your shared drive.
2. On the Autonomy host, mount *shared_drive*.
3. For each Weblogic Portal 10.3 managed server in your cluster, mount *shared_drive*.
Note: Mount *shared_drive* with the same exact mapping on each managed server.
4. Set the `WLP_SEARCH_OPTION` environment variable to `none` on each managed server to prevent Autonomy from starting with WebLogic Portal instance.

5. Using the WebLogic Portal Administration Console, set the `search.staging.area` repository property to `shared_drive` after the `WL_HOME` environment variable is set. For more information on setting other Autonomy properties, see [Adding Autonomy Properties to your BEA Repository](#) in *BEA WebLogic Portal 10.3 Integrating Search*.
6. If `shared_drive` on the Autonomy host is not `WL_HOME/portal/thirdparty/autonomy-wlp103/internal/BEACMRepoTemp`, use a text editor to modify the `DirectoryPathCSVs` variable under the `BEACMRepoImport` and `BEACMRepoIDXImport` to point to `shared_drive/binary` and `shared_drive/nonbinary` in the `WL_HOME/portal/thirdparty/autonomy-wlp103/<operating_system_directory>/internal/BEACMRepoFetch/BEACMRepoFetch.cfg` file.
7. Start the Autonomy components on the Autonomy host. See the `autonomy.sh` or `autonomy.cmd` file in `WL_HOME/portal/thirdparty/autonomy-wlp103` for a sample start script.