

WebLogic Platform 10.3 on Solaris 10

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Install Instructions](#)
- [WebLogic Server Support of Solaris Zones](#)

Related Information

- For information about supported database configurations, Web servers, browsers, interoperability tools, and product support, see:
 - [Supported Configurations for WebLogic Platform 10.3](#)
- For support and download information for supported Sun JDKs, see <http://java.sun.com>.
- For information about the Solaris operating system, see the following Sun Web site: <http://www.sun.com/solaris>.
- For information about Sun's support services—If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JDK problems). See <http://www.sun.com/service/support>.
- For information on Azul JVM, see the following Azul Web site:

http://www.azulsystems.com/services/software_documents.htm

Configuration Requirements

The following section provides requirements for Oracle products supported on this configuration:

- “Requirements for Solaris 10 on SPARC 64 Using Sun 32-bit JDK” on page 1-2
- “Requirements for Solaris 10 on SPARC 64 Using Oracle JRockit 64-bit JDK” on page 1-3
- “Requirements for Solaris 10 on SPARC 64 Using SUN 64-bit JDK” on page 1-3
- “Requirements for Solaris 10 on AMD64 Using SUN 32-bit JDK” on page 1-4
- “Requirements for Solaris 10 on 64-bit Xeon Using SUN 32-bit JDK” on page 1-4
- “Requirements for Solaris 10 on AMD64 Using SUN 64-bit JDK” on page 1-5
- “Requirements for Solaris 10 on 64-bit Xeon Using SUN 64-bit JDK” on page 1-5
- “Requirements for Solaris 10 on x86 Using Sun 32-bit JDK” on page 1-6
- “Requirements for Solaris 10 on SPARC 64 Using Azul VM” on page 1-6

Table 1-1 Requirements for Solaris 10 on SPARC 64 Using Sun 32-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)
JDK	Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/solaris/sparc/libmuser.so
Product Support	<ul style="list-style-type: none">• WebLogic Server 10.3• WebLogic Portal 10.3• WebLogic Integration 10.3, WebLogic Integration 10.3.1• Workshop for WebLogic 10.3 (Runtime)

Table 1-2 Requirements for Solaris 10 on SPARC 64 Using Oracle JRockit 64-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (64-bit) and all later 6.0 releases of JRockit
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/sparc64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)

Table 1-3 Requirements for Solaris 10 on SPARC 64 Using SUN 64-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)
JDK	Sun Java 2 JDK 6.0 Update 5 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/sparc64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)

Table 1-4 Requirements for Solaris 10 on AMD64 Using SUN 32-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	AMD64 (1.201 GHz)
JDK	Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/x86/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 • Workshop for WebLogic 10.3 (Runtime)

Table 1-5 Requirements for Solaris 10 on 64-bit Xeon Using SUN 32-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	64-bit Xeon (1.201 GHz)
JDK	Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/x86/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 • Workshop for WebLogic 10.3 (Runtime)

Table 1-6 Requirements for Solaris 10 on AMD64 Using SUN 64-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	AMD64 (1.201 GHz)
JDK	Sun Java 2 JDK 6.0 Update 5 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/x64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • Workshop for WebLogic 10.3 (Runtime)

Table 1-7 Requirements for Solaris 10 on 64-bit Xeon Using SUN 64-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	64-bit Xeon (1.201 GHz)
JDK	Sun Java 2 JDK 6.0 Update 5 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/x64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • Workshop for WebLogic 10.3 (Runtime)

Table 1-8 Requirements for Solaris 10 on x86 Using Sun 32-bit JDK

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	Xeon, Pentium II or higher, x86, and compatible chip architectures (1.4 GHz)
JDK	Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0
RAM	1 GB minimum, 2 GB recommended
Performance Pack	<code>server/native/solaris/x86/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 • Workshop for WebLogic 10.3 (Runtime)

Table 1-9 Requirements for Solaris 10 on SPARC 64 Using Azul VM

Operating System Version and Patches	Solaris 10
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)
JDK	Azul JVM 1.6 (AVM 2.5.0.2)
RAM	1 GB minimum, 2 GB recommended
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3

Known Issues

- [Doing a Complete Install With a Generic Installer](#)
- [Serial Version UID Mismatch](#)

- [JVM Stack Overflow](#)
- [Out of Memory Exception During Installation](#)
- [Issues Related to WebLogic Integration 10.3 With 64-bit JDK on Sun Sparc](#)
- [Issues Related to Solaris 10 on AMD64 and 64-bit Xeon when Using Remote Autonomy](#)
- [Issues Related to Other Products](#)

Doing a Complete Install With a Generic Installer

If you are performing a complete install of a WebLogic product (e.g. WebLogic Server, WebLogic Portal) by using the generic installer (.jar) on a platform where Eclipse is not supported or not installed, you might encounter a situation where the generic installer will go into a repeated loop condition. If you are experiencing this condition refer to the [Installation Guide](#), specifically the “Install Eclipse Location Options” section for more information on how to handle the installation.

Serial Version UID Mismatch

A Serial Version UID Mismatch Issue may be encountered if you deploy an application on a latest JVM, but compiled with an earlier JDK release.

Workaround: To be compatible with the serialization of previously compiled applications, modify the `<BEA_HOME>/wlserver_10.3/common/bin/commEnv.sh` file to include the following command:

```
JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

Alternatively, you can use the command line option:

```
export JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

Note: If you intend to deploy new applications with previously compiled applications, they must be recompiled as necessary to have the same Serial Version UID.

JVM Stack Overflow

You might encounter a JVM stack overflow error or exception while running WebLogic Server.

Workaround: Increase the stack size from the default 128k to 256k.

Out of Memory Exception During Installation

The generic *.jar* installer used to install WebLogic Portal 10.3 on Solaris 10 64-bit Xeon/AMD64 platforms may throw an `OutOfMemoryException` and as a result, does not provide a complete installation.

Workaround:

Update the Java `opts` max heap size. For example:

```
java -Xms512m -Xmx1024m -jar portal103_generic.jar
```

Issues Related to WebLogic Integration 10.3 With 64-bit JDK on Sun Sparc

1. With sample domains, the sample domains get started but the native I/O is disabled. The following message is displayed in the console log while WebLogic Server is starting:

“Unable to load performance pack. Using Java I/O instead.”

This issue occurred because WebLogic Server was getting started with the 32-bit JVM (Sun JDK).

Workaround:

Update WebLogic Server start script with the following:

```
export USER_MEM_ARGS with " -d64"
```

2. After applying the workaround to Issue 1, the native performance pack gets loaded but a PermGen space error is thrown and the server does not start. The following error is displayed:

“Exception in thread “main” java.lang.OutOfMemoryError: PermGen space.”

Workaround:

You need to pass “-d64” and other memory arguments to the “`USER_MEM_ARGS`” environment variable before running `startWeblogic.sh`.

```
export USER_MEM_ARGS=" -d64 -Xms256m -Xmx512m -XX:PermSize=128m  
-XX:MaxPermSize=256m "
```

3. When `./stopWeblogic.sh` is run to stop the server that is running in production mode, it asks to provide the username and password. The issue here is that the password is not hidden. The password is printed in clear text.

Workaround:

The password will not be echoed when you do the following:

```
export JAVA_OPTIONS="-d64 ${JAVA_OPTIONS}"
```

Issues Related to Solaris 10 on AMD64 and 64-bit Xeon when Using Remote Autonomy

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 10.3*.

Issues Related to Other Products

For information about known issues with products supported on this configuration, including available workarounds, see the appropriate *Release Notes* document.

Issues related to...	Are described in...
WebLogic Server	<i>WebLogic Server Known and Resolved Issues:</i> http://download.oracle.com/docs/cd/E12840_01/wls/docs103/issues/index.html
WebLogic Portal	<i>WebLogic Portal Release Notes:</i> http://download.oracle.com/docs/cd/E13155_01/wlp/docs103/relnotes/index.html
WebLogic Integration	<i>WebLogic Integration Release Notes:</i> http://download.oracle.com/docs/cd/E13160_01/wli/docs10gr3/relnotes/index.html
Workshop for WebLogic	<i>Workshop for WebLogic Release Notes:</i> http://e-docs.bea.com/wlw/docs103/relnotes/index.html

Download and Install Instructions

You can download Oracle WebLogic products from either the [Oracle Technology Network](#) website or the [Oracle E-Delivery](#) website.

- [“Download and Install Sun JDK 6.0 for Solaris 10 on Sparc, x86 and AMD64/64-Bit Xeon”](#) on page 1-10
- [“Download and Install Instructions for Solaris 10 on SPARC 64”](#) on page 1-10

- “[Download and Install Instructions for Solaris 10 on AMD64/64-bit Xeon](#)” on page 1-13
- “[Download and Install Instructions for Solaris 10 on x86](#)” on page 1-14
- Oracle WebLogic Integration 10gR3 (10.3.1) installers (32-bit) for Linux, Windows and Solaris are available on [Oracle Technology Network \(OTN\)](#) for Oracle WebLogic Integration.

Download and Install Sun JDK 6.0 for Solaris 10 on Sparc, x86 and AMD64/64-Bit Xeon

To install Sun JDK 6.0:

1. Go to the SUN download site at <http://java.sun.com/products/archive/>
2. Select latest update from JDK/JRE-6.
3. Select the platform to download for your JDK environment. (Note: For Solaris AMD64 32-bit JDK, select Solaris x86 to get the 32-bit JDK).
4. Install the JDK.
5. Set the `JAVA_HOME` environment variable to the directory in which the JDK is installed, and export `JAVA_HOME`. For example: `export JAVA_HOME=/opt/java1.6.0_05`
6. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example: `export PATH=$JAVA_HOME/bin:$PATH`

Download and Install Instructions for Solaris 10 on SPARC 64

1. Download and install the supported JDK for your environment.
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic MediaPack and Part Numbers for download:
 - Select the Product Pack, Platform and Media Pack.

Product Pack	Oracle Fusion Middleware
Platform	Sun Solaris SPARC (64-bit)
Media Pack	B36234 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Solaris Operating System (SPARC 64-bit))

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

Product	Platform	Platform JVM	Part Number (Description)
WebLogic Server	SPARC 64	Sun JDK (32-bit) Azul JVM (32-bit)	V13618 (Oracle WebLogic Server 10gR3 (10.3) Sun Solaris SPARC (32-bit))
WebLogic Server	SPARC 64	JRockit (64-bit) Sun JDK (64-bit) Azul JVM (64-bit)	V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”)
WebLogic Portal	SPARC 64	Sun JDK (32-bit) Azul JVM (32-bit)	V13808 (Oracle WebLogic Portal 10gR3 (10.3) Sun Solaris SPARC (32-bit))
WebLogic Portal	SPARC 64	JRockit (64-bit) Sun JDK (64-bit) Azul JVM (64-bit)	V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”)

WebLogic Integration	SPARC 64	Sun JDK (32-bit)	V19638-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) for Sun Solaris SPARC (32-bit) V19641-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer for Sun Solaris SPARC (32-bit)
WebLogic Integration	SPARC 64	JRockit (64-bit) Sun JDK (64-bit)	V19187-01 (Oracle WebLogic Integration 10gR3 (10.3.1) Generic Installer) V19643-01 (Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer (Generic)) Note: The Generic installer can be used for different platforms. It is possible that the part number for the generic installer may not be in the Media pack of some platforms. If so, the generic installer can be found in Media Pack B36339 (Oracle Application Server 10gR3 Media Pack for HP-UX Itanium (64-bit)).

– Unzip the file.

3. Install instructions for Sparc using a 32-bit JDK,

– Install the WebLogic Product using the directions provided in the *“Using Installers with Filenames Ending in .bin”* section of the *Products Installation Guide*.

Install instructions for Sparc using a 64-bit JDK,

– Make sure that your `PATH` variable includes `$JAVA_HOME/bin` where `JAVA_HOME` is the installation path for the JDK. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

– Install the WebLogic Product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.

- Set the `WL_HOME` variable to the directory in which you installed your BEA product, and export `WL_HOME`. For example:


```
$ export WL_HOME=<your_installation_directory>/wlserver_10.3
```
 - Update the `LD_LIBRARY_PATH` variable to point to the `server/native/solaris/sparc64` directory. Replace all occurrences of `$WL_HOME/server/native/solaris/sparc` with `$WL_HOME/server/native/solaris/sparc64` in the `WL_HOME/common/bin/commEnv.sh` file.
 - Update `JAVA_VM` by adding `-d64` with the existing variable in the `$WL_HOME/common/bin/commEnv.sh` file.
4. For WebLogic Portal, make sure that your `WL_HOME` variable is set to the directory in which you installed your product, and export `WL_HOME`. For example,
- ```
$ WL_HOME=<your installation directory>/wlserver_10.3
```

## Download and Install Instructions for Solaris 10 on AMD64/64-bit Xeon

1. Download and install the supported JDK for your environment.
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic MediaPack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Product Pack</b> | Oracle Fusion Middleware                                                                                           |
| <b>Platform</b>     | Sun Solaris x86-64 (64-bit)                                                                                        |
| <b>Media Pack</b>   | B36335 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Solaris Operating System (x86 and x86-64)) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product         | Platform    | Platform JVM     | Part Number (Description)                             |
|-----------------|-------------|------------------|-------------------------------------------------------|
| WebLogic Server | 64-bit Xeon | SUN JDK (32-bit) | V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”) |
|                 | AMD64       | SUN JDK (64-bit) |                                                       |
| WebLogic Portal | 64-bit Xeon | SUN JDK (32-bit) | V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”) |
|                 | AMD64       |                  |                                                       |

- Unzip the file.

3. Install instructions for 64-bit Xeon/AMD64 using a 32-bit JDK

- Install the WebLogic product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.

Install instructions for 64-bit Xeon/AMD64 using a 64-bit JDK

- Install the WebLogic product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.
- Make sure that your PATH variable includes \$JAVA\_HOME/bin where JAVA\_HOME is the installation path for the JDK. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

4. For WebLogic Portal, make sure that your WL\_HOME variable is set to the directory in which you installed your product, and export WL\_HOME. For example,

```
$ WL_HOME=<your installation directory>/wlserver_10.3
```

## Download and Install Instructions for Solaris 10 on x86

1. Download and install the supported JDK for your environment.
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic MediaPack and Part Numbers for download:

- Select the Product Pack, Platform and Media Pack.

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Product Pack</b> | Oracle Fusion Middleware                                                                                           |
| <b>Platform</b>     | Sun Solaris x86 (32-bit)                                                                                           |
| <b>Media Pack</b>   | B36335 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Solaris Operating System (x86 and x86-64)) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| <b>Product</b>  | <b>Platform</b> | <b>Platform JVM</b> | <b>Part Number (Description)</b>                      |
|-----------------|-----------------|---------------------|-------------------------------------------------------|
| WebLogic Server | x86             | SUN JDK (32-bit)    | V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”) |
| WebLogic Portal | x86             | SUN JDK (32-bit)    | V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”) |

- Unzip the file.
3. Install instructions for x86 with a 32-bit JDK
    - Install the WebLogic product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.
    - Make sure that your `PATH` variable includes `$JAVA_HOME/bin` where `JAVA_HOME` is the installation path for the JDK. For example:
 

```
export PATH=$JAVA_HOME/bin:$PATH
```
  4. For WebLogic Portal, make sure that your `WL_HOME` variable is set to the directory in which you installed your product, and export `WL_HOME`. For example,
 

```
$ WL_HOME=<your installation directory>/wlserver_10.3
```

## WebLogic Server Support of Solaris Zones

For information on Weblogic Server support of Solaris Zones, refer to “[WebLogic Server Support For Sun Solaris 10 in Multi-Zone Operation](#)”.



# WebLogic Platform 10.3 on Solaris 9

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Install Instructions](#)

## Related Information

- For information about supported database configurations, Web servers, browsers, interoperability tools, and product support, see:
  - [Supported Configurations for WebLogic Platform 10.3](#)
- For support and download information for supported Sun JDKs, see <http://java.sun.com>.
- For information about the Solaris operating system, see the following Sun Web site: <http://www.sun.com/solaris>.
- For information about Sun's support services—If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JDK problems). See <http://www.sun.com/service/support>.
- For information on Azul JVM, see the following Azul Web site: [http://www.azulsystems.com/services/software\\_documents.htm](http://www.azulsystems.com/services/software_documents.htm)

## Configuration Requirements

The following section provides requirements for BEA products supported on this configuration:

- [“Requirements for Solaris 9 on SPARC 64 Using Sun 32-bit JDK” on page 2-2](#)
- [“Requirements for Solaris 9 on SPARC 64 Using Oracle JRockit 64-bit JDK” on page 2-3](#)
- [“Requirements for Solaris 9 on SPARC 64 Using SUN 64-bit JDK” on page 2-3](#)
- [“Requirements for Solaris 9 on 64-bit Xeon Using SUN 64-bit JDK” on page 2-4](#)
- [“Requirements for Solaris 9 on AMD64 Using SUN 64-bit JDK” on page 2-4](#)
- [“Requirements for Solaris 9 on 64-bit Xeon Using SUN 32-bit JDK” on page 2-5](#)
- [“Requirements for Solaris 9 on AMD64 Using SUN 32-bit JDK” on page 2-5](#)
- [“Requirements for Solaris 9 on x86 Using Sun 32-bit JDK” on page 2-6](#)
- [“Requirements for Solaris 9 on SPARC 64 Using Azul JVM” on page 2-6](#)

**Table 2-1 Requirements for Solaris 9 on SPARC 64 Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                                                                                  |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                       |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0                                                                                                      |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                             |
| <b>Performance Pack</b>                              | <code>server/native/solaris/sparc/libmuxer.so</code>                                                                                                                                                                       |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> <li>• WebLogic Integration 10.3, WebLogic Integration 10.3.1</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-2 Requirements for Solaris 9 on SPARC 64 Using Oracle JRockit 64-bit JDK**

|                                                      |                                                                                                                                                                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                                                                                  |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                       |
| <b>JDK</b>                                           | JRockit 6.0 (R27.6.0-50) JDK (64-bit) and all later 6.0 releases of JRockit                                                                                                                                                |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                             |
| <b>Performance Pack</b>                              | <code>server/native/solaris/sparc64/libmuxer.so</code>                                                                                                                                                                     |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> <li>• WebLogic Integration 10.3, WebLogic Integration 10.3.1</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-3 Requirements for Solaris 9 on SPARC 64 Using SUN 64-bit JDK**

|                                                      |                                                                                                                                                                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                                                                                  |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                       |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 5 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0                                                                                                       |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                             |
| <b>Performance Pack</b>                              | <code>server/native/solaris/sparc64/libmuxer.so</code>                                                                                                                                                                     |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> <li>• WebLogic Integration 10.3, WebLogic Integration 10.3.1</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-4 Requirements for Solaris 9 on 64-bit Xeon Using SUN 64-bit JDK**

|                                                      |                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | 64-bit Xeon (1.201 GHz)                                                                                                  |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 5 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0     |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                           |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x64/libmuxer.so</code>                                                                       |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-5 Requirements for Solaris 9 on AMD64 Using SUN 64-bit JDK**

|                                                      |                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | AMD64 (1.201 GHz)                                                                                                        |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 5 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0     |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                           |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x64/libmuxer.so</code>                                                                       |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-6 Requirements for Solaris 9 on 64-bit Xeon Using SUN 32-bit JDK**

|                                                      |                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | 64-bit Xeon (1.201 GHz)                                                                                                                                  |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0                                    |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                           |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                       |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-7 Requirements for Solaris 9 on AMD64 Using SUN 32-bit JDK**

|                                                      |                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | AMD64 (1.201 GHz)                                                                                                                                        |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0                                    |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                           |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                       |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-8 Requirements for Solaris 9 on x86 Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | Xeon, Pentium II or higher, x86, and compatible chip architectures (1.4 GHz)                                                                             |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 05 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0                                    |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                           |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                       |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |

**Table 2-9 Requirements for Solaris 9 on SPARC 64 Using Azul JVM**

|                                                      |                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                     |
| <b>JDK</b>                                           | Azul JVM 1.6 (AVM 2.5.0.2)                                                                               |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                           |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• WebLogic Portal 10.3</li> </ul> |

## Known Issues

- [Doing a Complete Install With a Generic Installer](#)
- [Serial Version UID Mismatch](#)
- [Out of Memory Exception During Installation](#)

- [Issues Related to WebLogic Integration 10.3 With 64-bit JDK on Sun Sparc](#)
- [Issues Related to Solaris 9 on AMD64 and 64-bit Xeon when Using Remote Autonomy](#)
- [Issues Related to Other Products](#)

## Doing a Complete Install With a Generic Installer

If you are performing a complete install of a WebLogic product (e.g. WebLogic Server, WebLogic Portal) by using the generic installer (.jar) on a platform where Eclipse is not supported or not installed, you might encounter a situation where the generic installer will go into a repeated loop condition. If you are experiencing this condition refer to the [Installation Guide](#), specifically the “Install Eclipse Location Options” section for more information on how to handle the installation.

## Serial Version UID Mismatch

A Serial Version UID Mismatch Issue may be encountered if you deploy an application on a latest JVM, but compiled with an earlier JDK release.

**Workaround:** To be compatible with the serialization of previously compiled applications, modify the `<BEA_HOME>/wlserver_10.3/common/bin/commEnv.sh` file to include the following command:

```
JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatible
SerialVersionUID=1.0"
```

Alternatively, you can use the command line option:

```
export JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCom
patibleSerialVersionUID=1.0"
```

**Note:** If you intend to deploy new applications with previously compiled applications, they must be recompiled as necessary to have the same Serial Version UID.

## JVM Stack Overflow

You might encounter a JVM stack overflow error or exception while running WebLogic Server.

**Workaround:** Increase the stack size from the default 128k to 256k.

## Out of Memory Exception During Installation

The generic *.jar* installer used to install WebLogic Portal 10.3 on Solaris 9 64-bit Xeon/AMD64 platforms may throw an `OutOfMemoryException` and as a result, does not provide a complete installation.

### Workaround:

Update the Java `opts` max heap size. For example:

```
java -Xms512m -Xmx1024m -jar portal103_generic.jar
```

## Issues Related to WebLogic Integration 10.3 With 64-bit JDK on Sun Sparc

1. With sample domains, the sample domains get started but the native I/O is disabled. The following message is displayed in the console log while WebLogic Server is starting:

“Unable to load performance pack. Using Java I/O instead.”

This issue occurred because WebLogic Server was getting started with the 32-bit JVM (Sun JDK).

### Workaround:

Update WebLogic Server start script with the following:

```
export USER_MEM_ARGS with " -d64"
```

2. After applying the workaround to Issue 1, the native performance pack gets loaded but a PermGen space error is thrown and the server does not start. The following error is displayed:

“Exception in thread “main” java.lang.OutOfMemoryError: PermGen space.”

### Workaround:

You need to pass “-d64” and other memory arguments to the “`USER_MEM_ARGS`” environment variable before running `startWeblogic.sh`.

```
export USER_MEM_ARGS=" -d64 -Xms256m -Xmx512m -XX:PermSize=128m
-XX:MaxPermSize=256m "
```

3. When `./stopWeblogic.sh` is run to stop the server that is running in production mode, it asks to provide the username and password. The issue here is that the password is not hidden. The password is printed in clear text.

### Workaround:



The password will not be echoed when you do the following:

```
export JAVA_OPTIONS="-d64 ${JAVA_OPTIONS}"
```

## Issues Related to Solaris 9 on AMD64 and 64-bit Xeon when Using Remote Autonomy

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 10.3*.

## Issues Related to Other Products

For information about known issues with products supported on this configuration, including available workarounds, see the appropriate *Release Notes* document.

| Issues related to...  | Are described in...                                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server       | <i>WebLogic Server Known and Resolved Issues:</i><br><a href="http://download.oracle.com/docs/cd/E12840_01/wls/docs103/issues/index.html">http://download.oracle.com/docs/cd/E12840_01/wls/docs103/issues/index.html</a>  |
| WebLogic Portal       | <i>WebLogic Portal Release Notes:</i><br><a href="http://download.oracle.com/docs/cd/E13155_01/wlp/docs103/relnotes/index.html">http://download.oracle.com/docs/cd/E13155_01/wlp/docs103/relnotes/index.html</a>          |
| WebLogic Integration  | <i>WebLogic Integration Release Notes:</i><br><a href="http://download.oracle.com/docs/cd/E13160_01/wli/docs10gr3/relnotes/index.html">http://download.oracle.com/docs/cd/E13160_01/wli/docs10gr3/relnotes/index.html</a> |
| Workshop for WebLogic | <i>Workshop for WebLogic Release Notes:</i><br><a href="http://e-docs.bea.com/wlw/docs103/relnotes/index.html">http://e-docs.bea.com/wlw/docs103/relnotes/index.html</a>                                                  |

## Download and Install Instructions

You can download Oracle WebLogic products from either the [Oracle Technology Network](#) website or the [Oracle E-Delivery](#) website.

- [Download and Install Sun JDK 6.0 for Solaris 9 on Sparc, x86 and AMD64/64-Bit Xeon](#)
- [Download and Install Instructions for Solaris on SPARC 64](#)

- [Download and Install Instructions for Solaris 9 on 64-bit Xeon/AMD64](#)
- [Download and Install Instructions for Solaris 9 on x86](#)
- Oracle WebLogic Integration 10gR3 (10.3.1) installers (32-bit) for Linux, Windows and Solaris are available on [Oracle Technology Network \(OTN\)](#) for Oracle WebLogic Integration.

## Download and Install Sun JDK 6.0 for Solaris 9 on Sparc, x86 and AMD64/64-Bit Xeon

To install Sun JDK 6.0:

1. Go to the SUN download site at <http://java.sun.com/products/archive/>
2. Select latest update from JDK/JRE-6.
3. Select the platform to download for your JDK environment. (Note: For Solaris AMD64 32-bit JDK, select Solaris x86 to get the 32-bit JDK).
4. Install the JDK.
5. Set the `JAVA_HOME` environment variable to the directory in which the JDK is installed, and export `JAVA_HOME`. For example: `export JAVA_HOME=/opt/java1.6.0_05`
6. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example: `export PATH=$JAVA_HOME/bin:$PATH`

## Download and Install Instructions for Solaris on SPARC 64

1. Download and install the supported JDK for your environment.
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic MediaPack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

---

|              |                                                                                                                  |
|--------------|------------------------------------------------------------------------------------------------------------------|
| Product Pack | Oracle Fusion Middleware                                                                                         |
| Platform     | Sun Solaris SPARC (64-bit)                                                                                       |
| Media Pack   | B36234 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Solaris Operating System (SPARC 64-bit)) |

---

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product              | Platform | Platform JVM                                              | Part Number (Description)                                                                                                                                                                            |
|----------------------|----------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server      | SPARC 64 | Sun JDK (32-bit)<br>Azul JVM (32-bit)                     | V13618 (Oracle WebLogic Server 10gR3 (10.3) Sun Solaris SPARC (32-bit))                                                                                                                              |
| WebLogic Server      | SPARC 64 | JRockit (64-bit)<br>Sun JDK (64-bit)<br>Azul JVM (64-bit) | V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”)                                                                                                                                                |
| WebLogic Portal      | SPARC 64 | Sun JDK (32-bit)<br>Azul JVM (32-bit)                     | V13808 (Oracle WebLogic Portal 10gR3 (10.3) Sun Solaris SPARC (32-bit))                                                                                                                              |
| WebLogic Portal      | SPARC 64 | JRockit (64-bit)<br>Sun JDK (64-bit)<br>Azul JVM (64-bit) | V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”)                                                                                                                                                |
| WebLogic Integration | SPARC 64 | Sun JDK (32-bit)                                          | V19638-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) for Sun Solaris SPARC (32-bit)<br>V19641-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer for Sun Solaris SPARC (32-bit) |
| WebLogic Integration | SPARC 64 | JRockit (64-bit)<br>Sun JDK (64-bit)                      | V19187-01 (Oracle WebLogic Integration 10gR3 (10.3.1) Generic Installer)<br>V19643-01 (Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer (Generic))                                   |

**Note:** The Generic installer can be used for different platforms. It is possible that the part number for the generic installer may not be in the Media pack of some platforms. If so, the generic installer can be found in Media Pack B36339 (Oracle Application Server 10gR3 Media Pack for HP-UX Itanium (64-bit)).

- Unzip the file.
3. Install instructions for Sparc using a 32-bit JDK,
    - Install the WebLogic Products using the directions provided in the *“Using Installers with Filenames Ending in .bin”* section of the *Products Installation Guide*.

Install instructions for Sparc using a 64-bit JDK,

- Make sure that your `PATH` variable includes `$JAVA_HOME/bin` where `JAVA_HOME` is the installation path for the JDK. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

- Install the WebLogic Products using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.
  - Update the `LD_LIBRARY_PATH` variable to point to the `server/native/solaris/sparc64` directory. Replace all occurrences of `$WL_HOME/server/native/solaris/sparc` with `$WL_HOME/server/native/solaris/sparc64` in the `WL_HOME/common/bin/commEnv.sh` file.
  - Update `JAVA_VM` by adding `-d64` with the existing variable in the `WL_HOME/common/bin/commEnv.sh` file.
4. For WebLogic Portal, make sure that your `WL_HOME` variable is set to the directory in which you installed your product, and export `WL_HOME`. For example,

```
$ WL_HOME=<your installation directory>/wlserver_10.3
```

## Download and Install Instructions for Solaris 9 on 64-bit Xeon/AMD64

1. Download and install the supported JDK for your environment.
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic MediaPack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

---

|              |                          |
|--------------|--------------------------|
| Product Pack | Oracle Fusion Middleware |
|--------------|--------------------------|

---

|            |                                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------------------------|
| Platform   | Sun Solaris x86-64 (64-bit)                                                                                        |
| Media Pack | B36335 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Solaris Operating System (x86 and x86-64)) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product         | Platform    | Platform JVM     | Part Number (Description)                             |
|-----------------|-------------|------------------|-------------------------------------------------------|
| WebLogic Server | 64-bit Xeon | SUN JDK (32-bit) | V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”) |
|                 | AMD64       | SUN JDK (64-bit) |                                                       |
| WebLogic Portal | 64-bit Xeon | SUN JDK (32-bit) | V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”) |
|                 | AMD64       |                  |                                                       |

- Unzip the file.

### 3. Install instructions for 64-bit Xeon/AMD64 using a 32-bit JDK

- Install the WebLogic product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.

Install instructions for 64-bit Xeon/AMD64 using a 64-bit JDK

- Install the WebLogic product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.
- Make sure that your `PATH` variable includes `$JAVA_HOME/bin` where `JAVA_HOME` is the installation path for the JDK. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

### 4. For WebLogic Portal, make sure that your `WL_HOME` variable is set to the directory in which you installed your product, and export `WL_HOME`. For example,

```
$ WL_HOME=<your installation directory>/wlserver_10.3
```

## Download and Install Instructions for Solaris 9 on x86

### 1. Download and install the supported JDK for your environment.

2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic MediaPack and Part Numbers for download:

- Select the Product Pack, Platform and Media Pack.

|              |                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------|
| Product Pack | Oracle Fusion Middleware                                                                                           |
| Platform     | Sun Solaris x86 (32-bit)                                                                                           |
| Media Pack   | B36335 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Solaris Operating System (x86 and x86-64)) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product         | Platform | Platform JVM     | Part Number (Description)                             |
|-----------------|----------|------------------|-------------------------------------------------------|
| WebLogic Server | x86      | SUN JDK (32-bit) | V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”) |
| WebLogic Portal | x86      | SUN JDK (32-bit) | V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”) |

- Unzip the file.

3. Install instructions for x86 using a 32-bit JDK

- Install the WebLogic product using the directions provided in the *“Using Installers with Filenames Ending in .jar”* section of the *Products Installation Guide*.
- Make sure that your PATH variable includes \$JAVA\_HOME/bin where JAVA\_HOME is the installation path for the JDK. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

4. For WebLogic Portal, make sure that your WL\_HOME variable is set to the directory in which you installed your product, and export WL\_HOME. For example,

```
$ WL_HOME=<your installation directory>/wlserver_10.3
```

# BEA WebLogic Platform 10.3 on Solaris 8

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Installation Instructions](#)

## Related Information

- For information about supported database configurations, Web servers, browsers, interoperability tools, and product support, see:
  - [Supported Configurations for WebLogic Platform 10.3](#)
- For support and download information for supported Sun JDKs, see <http://java.sun.com>.
- For information about the Solaris operating system, see the following Sun Web site: <http://www.sun.com/solaris>.
- For information about Sun's support services—If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JDK problems). See <http://www.sun.com/service/support>.

## Configuration Requirements

The following section provides requirements for BEA products supported on this configuration:

**Table 3-1 Requirements for Solaris 8 on SPARC Using Sun 32-bit JDK**

|                                                      |                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 8                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                     |
| <b>JDK</b>                                           | Sun Java 2 JDK 6.0 Update 01 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0    |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                           |
| <b>BEA Product Support</b>                           | <ul style="list-style-type: none"> <li>• WebLogic Server 10.3</li> <li>• Workshop for WebLogic 10.3 (Runtime)</li> </ul> |
| <b>Design and Development Tools</b>                  | <ul style="list-style-type: none"> <li>• Workshop for WebLogic 10.3: Not supported</li> </ul>                            |

## Known Issues

For information about known issues with BEA products supported on this configuration, including available workarounds, see the appropriate *Release Notes* document.

| <b>Issues related to...</b> | <b>Are described in...</b>                                |
|-----------------------------|-----------------------------------------------------------|
| WebLogic Server             | <a href="#">WebLogic Server Known and Resolved Issues</a> |
| Workshop for WebLogic       | <a href="#">Workshop for WebLogic Release Notes</a>       |

## Download and Installation Instructions

Complete the following procedure:

1. Go to [Oracle E-Delivery](#) and download WebLogic Server 10.3 for Sun Solaris SPARC (32-bit).



2. Unzip the file.
3. Install using the instructions provided in the “[Using Installers with Filenames Ending in .bin](#)” section of the *Products Installation Guide*.



# WebLogic Platform 10.2 on Solaris 10

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Installation Instructions for WebLogic Platform 10.2 MP1](#)
- [Download and Installation Instructions for WebLogic Platform 10.2](#)
- [WebLogic Server Support of Solaris Zones](#)

## Related Information

- For information about supported database configurations, Web servers, browsers, interoperability tools, and product support, see:
  - [Supported Configurations for WebLogic Platform 10.2 and 10.2 MP1](#)
- For support and installation information for JRockit:
  - For support information, see [Welcome to JRockit](#)
  - For download information, see [Oracle E-Delivery](#)
- For support and download information for supported Sun JDKs, see <http://java.sun.com>.
- For information about the Solaris operating system, see the following Sun Web site: <http://www.sun.com/solaris>.

- For information about Sun’s support services—If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JDK problems). See <http://www.sun.com/service/support>.

## Configuration Requirements

The following section provides requirements for BEA products supported on this configuration:

- [“Requirements for Solaris 10 on SPARC Using Sun 32-bit JDK” on page 4-2](#)
- [“Requirements for Solaris 10 on x86 Using Sun 32-bit JDK” on page 4-3](#)
- [“Requirements for Solaris 10 on x86 Using Sun 32-bit JDK” on page 4-3](#)
- [Requirements for Solaris 10 on AMD64/64-bit Xeon Using Sun 32-bit JDK](#)

**Table 4-1 Requirements for Solaris 10 on SPARC Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                      |
| <b>JDK</b>                                           | Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0                                                                                                                                                     |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                            |
| <b>Product Support</b>                               | <ul style="list-style-type: none"><li>• WebLogic Server 10.0 MP1, 10.0 MP2</li><li>• WebLogic Portal 10.2, 10.2 MP1</li><li>• WebLogic Integration 10.2, 10.2 MP1</li><li>• WebLogic Platform 10.2 MP1</li><li>• Workshop for WebLogic 10.2, 10.2 MP1 (Runtime)</li></ul> |

**Table 4-2 Requirements for Solaris 10 on x86 Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                            |
| <b>Chip Architecture and Minimum Processor Speed</b> | Xeon, Pentium II or higher, x86, and compatible chip architectures (1.4 GHz)                                                                                                                                          |
| <b>JDK</b>                                           | Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0.                                                                                                                  |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                        |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                                                                                    |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2, 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> </ul> |

**Table 4-3 Requirements for Solaris 10 on SPARC Using 64-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                                                                  |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                                                                        |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.2: JRockit 5.0 R27.3.1 (64-bit) and all later 5.0 releases</li> <li>• 10.2 MP1: JRockit 5.0 R27.6.1 (64-bit) and all later 5.0 releases</li> </ul> <p>Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</p> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                                                              |

**Table 4-3 Requirements for Solaris 10 on SPARC Using 64-bit JDK**

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Performance Pack</b> | <code>server/native/solaris/sparc64/libmuxer.so</code>                                                                                                                                                          |
| <b>Product Support</b>  | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> </ul> |

**Table 4-4 Requirements for Solaris 10 on AMD64/64-bit Xeon Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                            |
| <b>Chip Architecture and Minimum Processor Speed</b> | <ul style="list-style-type: none"> <li>• AMD64 (1.201 GHz)</li> <li>• 64-bit Xeon (1.201 GHz)</li> </ul>                                                                                                              |
| <b>JDK</b>                                           | Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0                                                                                                                   |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                        |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                                                                                    |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2, 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> </ul> |

## Known Issues

### Serial Version UID Mismatch

A Serial Version UID mismatch may be encountered if you deploy an application on a latest JVM but compiled with a prior release of Sun JDK

Workaround: To be compatible with the serialization of previously compiled applications, modify the `<BEA_HOME>/wlserver_10.0/common/bin/commEnv.sh` file to include the following command:

```
JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

Alternatively, you can use the command line option:

```
export JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

**Note:** If you intend to deploy new applications with previously compiled applications, they must be recompiled as necessary to have the same Serial Version UID.

## Known Issues for Solaris 10 on x86

- Installation fails with `Exception in thread "main" java.lang.OutOfMemoryError message`.

Workaround: Increase the heap memory to a suitable size, recommended minimum `-Xms` to 128m and maximum `-Xmx` to 256m. For example:

```
java -Xms128m -Xmx256m platform1020_generic.jar
```

- Installation fails with `Fatal error encountered during self-extraction. Click Yes to exit, No to continue as a Net installation.[No space left on device] message`.

Workaround: Redirect the `/tmp` directory to any local directory. For example:

```
java -Xms128m -Xmx256m -Djava.io.tmpdir=/export/home/temp -jar platform1020_generic.jar
```

## Known Issues for Other BEA Products

For information about known issues with BEA products supported on this configuration, including available workarounds, see the appropriate *Release Notes* document.

| Issues related to... | Are described in...                                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server      | <p><i>WebLogic Server Known and Resolved Issues:</i></p> <p><a href="http://e-docs.bea.com/wls/docs100/issues/known_resolved.html">http://e-docs.bea.com/wls/docs100/issues/known_resolved.html</a></p> |
| WebLogic Portal      | <p><i>WebLogic Portal Release Notes:</i></p> <p><a href="http://e-docs.bea.com/wlp/docs102/relnotes/index.html">http://e-docs.bea.com/wlp/docs102/relnotes/index.html</a></p>                           |

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|                      |                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WebLogic Integration | <i>WebLogic Integration Release Notes:</i><br><a href="http://e-docs.bea.com/wli/docs102/relnotes/index.html">http://e-docs.bea.com/wli/docs102/relnotes/index.html</a> |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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|                       |                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Workshop for WebLogic | <i>Workshop for WebLogic Release Notes:</i><br><a href="http://e-docs.bea.com/wlw/docs102/relnotes/index.html">http://e-docs.bea.com/wlw/docs102/relnotes/index.html</a> |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Download and Installation Instructions for WebLogic Platform 10.2 MP1

- [Download and Install WebLogic Media Pack for Solaris Operating System \(SPARC 32-bit\)](#)
- [Download and Install WebLogic Media Pack for Solaris Operating System \(SPARC 64-bit\)](#)
- [Download and Install WebLogic Media Pack for Solaris Operating System \(x86, x86-64\)](#)

### Download and Install WebLogic Media Pack for Solaris Operating System (SPARC 32-bit)

1. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example:  

```
export PATH=$JAVA_HOME/bin:$PATH
```
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic Media Pack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

---

|              |            |
|--------------|------------|
| Product Pack | Oracle BEA |
|--------------|------------|

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|          |                |
|----------|----------------|
| Platform | SPARC (32-bit) |
|----------|----------------|

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|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Media Pack | BEA WebLogic Media Pack v3 for Solaris Operating System (SPARC 32-bit) |
|------------|------------------------------------------------------------------------|

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- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product               | Part Number (Description)                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server       | V16488-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0) for Sun Solaris SPARC (32-bit))                            |
| WebLogic Server       | V16550-01 (V16488-01 (WebLogic Server Process Edition 10.0 Maintenance Pack 2 (10.0.2.0) for Sun Solaris SPARC (32-bit)) |
| WebLogic Portal       | V16552-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))                            |
| WebLogic Integration  | V16551-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))                       |
| Workshop for WebLogic | V16553-01 (Workshop for WebLogic 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))                      |
| WebLogic Platform     | V16451-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))                          |
| WebLogic Platform ISV | V16554-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0) Sun Solaris SPARC for (32-bit))                      |

3. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs102/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

## Download and Install WebLogic Media Pack for Solaris Operating System (SPARC 64-bit)

1. Make sure that your PATH variable includes \$JAVA\_HOME/bin. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic Media Pack and Part Numbers for download:

- Select the Product Pack, Platform and Media Pack.

|              |                                                                        |
|--------------|------------------------------------------------------------------------|
| Product Pack | Oracle BEA                                                             |
| Platform     | SPARC (64-bit)                                                         |
| Media Pack   | BEA WebLogic Media Pack v4 for Solaris Operating System (SPARC 64-bit) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product               | Part Number (Description)                                            |
|-----------------------|----------------------------------------------------------------------|
| WebLogic Server       | V16540-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0))       |
| WebLogic Portal       | V16543-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0))       |
| WebLogic Integration  | V16542-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0))  |
| WebLogic Platform     | V16541-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0))     |
| WebLogic Platform ISV | V16544-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0)) |

3. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs102/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

4. Update the LD\_LIBRARY\_PATH variable to point to the server/native/solaris/sparc64 directory. Replace all occurrences of \$WL\_HOME/server/native/solaris/sparc with \$WL\_HOME/server/native/solaris/sparc64 in the WL\_HOME/common/bin/commEnv.sh file.

## Download and Install WebLogic Media Pack for Solaris Operating System (x86, x86-64)

1. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example:
 

```
export PATH=$JAVA_HOME/bin:$PATH
```
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic Media Pack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| Product Pack | Oracle BEA                                                            |
| Platform     | Solaris x86 (32-bit)<br>Solaris x86-64 (64-bit)                       |
| Media Pack   | BEA WebLogic Media Pack v2 for Solaris Operating System (x86, x86-64) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product               | Part Number (Description)                                            |
|-----------------------|----------------------------------------------------------------------|
| WebLogic Server       | V16540-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0))       |
| WebLogic Portal       | V16543-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0))       |
| WebLogic Integration  | V16542-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0))  |
| WebLogic Platform     | V16541-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0))     |
| WebLogic Platform ISV | V16544-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0)) |

3. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs102/install/start.html> for instructions on how to start the `.jar` or `.bin` or `.exe` installer files. Note, that generic installers are those filenames that end in `.jar`.

## Download and Installation Instructions for WebLogic Platform 10.2

- [“Download and Installation Instructions for SUN Solaris SPARC on 32-bit JDK”](#) on page 4-10
- [“Download and Installation Instructions for SUN Solaris on x86”](#) on page 4-10
- [“Download and Installation Instructions for SUN Solaris on SPARC using 64-bit JDK”](#) on page 4-11
- [“Download and Installation Instructions for SUN Solaris on AMD64/64-bit Xeon using 32-bit JDK”](#) on page 4-11

### Download and Installation Instructions for SUN Solaris SPARC on 32-bit JDK

There are no special instructions for download and installation for BEA Platform 10.2 products for Solaris 10 on SPARC. For the standard method of installing BEA products, appropriate for all operating systems, see [BEA Products Installation Guide](#). For information about distribution methods for WebLogic Platform and WebLogic Server, see [Product Distribution Methods](#).

### Download and Installation Instructions for SUN Solaris on x86

Complete the following procedures:

1. Download and install the supported JDK for your environment.
1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Portal 10.2 or WebLogic Integration 10.2 for Sun Solaris x86 (32-bit).

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install the WebLogic Server and WebLogic Workshop components using the instructions provided in the [“Using Installers with Filenames Ending in .jar”](#) section of the *Products Installation Guide*.

3. Install the WebLogic Portal or WebLogic Integration component into the same BEA Home directory where Weblogic Server is installed.

## Download and Installation Instructions for SUN Solaris on SPARC using 64-bit JDK

Complete the following procedures:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Portal 10.2 for Sun Solaris SPARC (64-bit).

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install using the instructions provided in the “[Using Installers with Filenames Ending in .jar](#)” section of the *Products Installation Guide*.
3. Update the `LD_LIBRARY_PATH` variable to point to the `server/native/solaris/sparc64` directory. Replace all occurrences of `$WL_HOME/server/native/solaris/sparc` with `$WL_HOME/server/native/solaris/sparc64` in the `WL_HOME/common/bin/commEnv.sh` file.
4. Update `JAVA_VM` by adding `-d64` with the existing variable in the `$WL_HOME/common/bin/commEnv.sh` file.

## Download and Installation Instructions for SUN Solaris on AMD64/64-bit Xeon using 32-bit JDK

Complete the following procedures:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Integration 10.2 for Sun Solaris SPARC x86-64.

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install using the instructions provided in the “[Using Installers with Filenames Ending in .jar](#)” section of the *Products Installation Guide*.

## WebLogic Server Support of Solaris Zones

For information on Weblogic Server support of Solaris Zones, refer to “[WebLogic Server Support For Sun Solaris 10 in Multi-Zone Operation](#)”.

# BEA WebLogic Platform 10.2 on Solaris 9

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Installation Instructions for WebLogic Platform 10.2 MP1](#)
- [Download and Installation Instructions for WebLogic Platform 10.2](#)

## Related Information

- For information about supported database configurations, Web servers, browsers, interoperability tools, and product support, see:
  - [Supported Configurations for WebLogic Platform 10.2 and 10.2 MP1](#)
- For information about the Solaris operating system, see the following Sun Web site:  
<http://www.sun.com/solaris>.
- For support and installation information for JRockit:
  - For support information, see [Welcome to JRockit](#)
  - For download information, see [Oracle E-Delivery](#)
- For support and download information for supported Sun JDKs, see  
<http://java.sun.com>.

- For information about Sun’s support services—If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JDK problems). See <http://www.sun.com/service/support>.

## Configuration Requirements

The following section provides requirements for BEA products supported on this configuration:

- [Requirements for Solaris 9 on SPARC Using Sun 32-bit JDK](#)
- [Requirements for Solaris 9 on x86 Using Sun 32-bit JDK](#)
- [Requirements for Solaris 9 on SPARC Using 64-bit JDK](#)
- [Requirements for Solaris 9 on AMD64/64-bit Xeon Using Sun 32-bit JDK](#)

**Table 5-1 Requirements for Solaris 9 on SPARC Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                                                                                                                                       |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                            |
| <b>JDK</b>                                           | Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0                                                                                                                                                           |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                  |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2, 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> <li>• Workshop for WebLogic 10.2, 10.2 MP1 (Runtime)</li> </ul> |

**Table 5-2 Requirements for Solaris 9 on x86 Using Sun 32-bit JDK**

|                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                    |
| <b>Chip Architecture and Minimum Processor Speed</b> | Xeon, Pentium II or higher, x86, and compatible chip architectures (1.4 GHz) |



**Table 5-2 Requirements for Solaris 9 on x86 Using Sun 32-bit JDK**

|                         |                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>JDK</b>              | Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0.                                                                                                                  |
| <b>RAM</b>              | 1 GB minimum, 2 GB recommended                                                                                                                                                                                        |
| <b>Performance Pack</b> | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                                                                                    |
| <b>Product Support</b>  | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2, 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> </ul> |

**Table 5-3 Requirements for Solaris 9 on SPARC Using 64-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                                                                                                                                                                                   |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                                                                        |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.2: JRockit 5.0 R27.3.1 (64-bit) and all later 5.0 releases</li> <li>• 10.2 MP1: JRockit 5.0 R27.6.1 (64-bit) and all later 5.0 releases</li> </ul> <p>Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</p> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                                                              |
| <b>Performance Pack</b>                              | <code>server/native/solaris/sparc64/libmuxer.so</code>                                                                                                                                                                                                                                                                      |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> </ul>                                                                                                             |

**Table 5-4 Requirements for Solaris 9 on AMD64/64-bit Xeon Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 9                                                                                                                                                                                                             |
| <b>Chip Architecture and Minimum Processor Speed</b> | <ul style="list-style-type: none"> <li>• AMD64 (1.201 GHz)</li> <li>• 64-bit Xeon (1.201 GHz)</li> </ul>                                                                                                              |
| <b>JDK</b>                                           | Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0                                                                                                                   |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                        |
| <b>Performance Pack</b>                              | server/native/solaris/x86/libmuxer.so                                                                                                                                                                                 |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 MP1, 10.0 MP2</li> <li>• WebLogic Portal 10.2, 10.2 MP1</li> <li>• WebLogic Integration 10.2, 10.2 MP1</li> <li>• WebLogic Platform 10.2 MP1</li> </ul> |

## Known Issues

### Serial Version UID Mismatch

A Serial Version UID mismatch may be encountered if you deploy an application on a latest JVM but compiled with a prior release of Sun JDK

Workaround: To be compatible with the serialization of previously compiled applications, modify the `<BEA_HOME>/wlserver_10.0/common/bin/commEnv.sh` file to include the following command:

```
JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

Alternatively, you can use the command line option:

```
export JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

**Note:** If you intend to deploy new applications with previously compiled applications, they must be recompiled as necessary to have the same Serial Version UID.

## Known Issues for Solaris 9 on x86

- Installation fails with `Exception in thread "main" java.lang.OutOfMemoryError` message.

Workaround: Increase the heap memory to a suitable size, recommended minimum `-Xms` to 128m and maximum `-Xmx` to 256m. For example:

```
java -Xms128m -Xmx256m platform1020_generic.jar
```

- Installation fails with `Fatal error encountered during self-extraction. Click Yes to exit, No to continue as a Net installation.[No space left on device]` message.

Workaround: Redirect the `/tmp` directory to any local directory. For example:

```
java -Xms128m -Xmx256m -Djava.io.tmpdir=/export/home/temp -jar platform1020_generic.jar
```

## Known Issues for Other BEA Products

For information about known issues with BEA products supported on this configuration, including available workarounds, see the appropriate *Release Notes* document.

| Issues related to...  | Are described in...                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server       | <i>WebLogic Server Known and Resolved Issues:</i><br><a href="http://e-docs.bea.com/wls/docs100/issues/known_resolved.html">http://e-docs.bea.com/wls/docs100/issues/known_resolved.html</a> |
| WebLogic Portal       | <i>WebLogic Portal Release Notes:</i><br><a href="http://e-docs.bea.com/wlp/docs102/relnotes/index.html">http://e-docs.bea.com/wlp/docs102/relnotes/index.html</a>                           |
| WebLogic Integration  | <i>WebLogic Integration Release Notes:</i><br><a href="http://e-docs.bea.com/wli/docs102/relnotes/index.html">http://e-docs.bea.com/wli/docs102/relnotes/index.html</a>                      |
| Workshop for WebLogic | <i>Workshop for WebLogic Release Notes:</i><br><a href="http://e-docs.bea.com/wlw/docs102/relnotes/index.html">http://e-docs.bea.com/wlw/docs102/relnotes/index.html</a>                     |

## Download and Installation Instructions for WebLogic Platform 10.2 MP1

- [Download and Install WebLogic Media Pack for Solaris Operating System \(SPARC 32-bit\)](#)
- [Download and Install WebLogic Media Pack for Solaris Operating System \(SPARC 64-bit\)](#)
- [Download and Install WebLogic Media Pack for Solaris Operating System \(x86, x86-64\)](#)

### Download and Install WebLogic Media Pack for Solaris Operating System (SPARC 32-bit)

1. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example:  

```
export PATH=$JAVA_HOME/bin:$PATH
```
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic Media Pack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

|              |                                                                        |
|--------------|------------------------------------------------------------------------|
| Product Pack | Oracle BEA                                                             |
| Platform     | SPARC (32-bit)                                                         |
| Media Pack   | BEA WebLogic Media Pack v3 for Solaris Operating System (SPARC 32-bit) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product         | Part Number (Description)                                                                                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server | V16488-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0) for Sun Solaris SPARC (32-bit))                            |
| WebLogic Server | V16550-01 (V16488-01 (WebLogic Server Process Edition 10.0 Maintenance Pack 2 (10.0.2.0) for Sun Solaris SPARC (32-bit)) |

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| WebLogic Portal       | V16552-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))       |
| WebLogic Integration  | V16551-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))  |
| Workshop for WebLogic | V16553-01 (Workshop for WebLogic 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit)) |
| WebLogic Platform     | V16451-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0) for Sun Solaris SPARC (32-bit))     |
| WebLogic Platform ISV | V16554-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0) Sun Solaris SPARC for (32-bit)) |

3. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs102/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

## Download and Install WebLogic Media Pack for Solaris Operating System (SPARC 64-bit)

1. Make sure that your PATH variable includes \$JAVA\_HOME/bin. For example:
 

```
export PATH=$JAVA_HOME/bin:$PATH
```
2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic Media Pack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

|              |                                                                        |
|--------------|------------------------------------------------------------------------|
| Product Pack | Oracle BEA                                                             |
| Platform     | SPARC (64-bit)                                                         |
| Media Pack   | BEA WebLogic Media Pack v4 for Solaris Operating System (SPARC 64-bit) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product               | Part Number (Description)                                            |
|-----------------------|----------------------------------------------------------------------|
| WebLogic Server       | V16540-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0))       |
| WebLogic Portal       | V16543-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0))       |
| WebLogic Integration  | V16542-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0))  |
| WebLogic Platform     | V16541-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0))     |
| WebLogic Platform ISV | V16544-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0)) |

3. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs102/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

4. Update the LD\_LIBRARY\_PATH variable to point to the server/native/solaris/sparc64 directory. Replace all occurrences of \$WL\_HOME/server/native/solaris/sparc with \$WL\_HOME/server/native/solaris/sparc64 in the WL\_HOME/common/bin/commEnv.sh file.
5. Update JAVA\_VM by adding -d64 with the existing variable in the \$WL\_HOME/common/bin/commEnv.sh file.

## Download and Install WebLogic Media Pack for Solaris Operating System (x86, x86-64)

1. Make sure that your PATH variable includes \$JAVA\_HOME/bin. For example:
 

```
export PATH=$JAVA_HOME/bin:$PATH
```

2. Go to [Oracle E-Delivery](#) and use the following information to select the WebLogic Media Pack and Part Numbers for download:
  - Select the Product Pack, Platform and Media Pack.

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| Product Pack | Oracle BEA                                                            |
| Platform     | Solaris x86 (32-bit)<br>Solaris x86-64 (64-bit)                       |
| Media Pack   | BEA WebLogic Media Pack v2 for Solaris Operating System (x86, x86-64) |

- Select the file for download (choose the Part Number that corresponds to the product, platform, and JVM).

| Product               | Part Number (Description)                                            |
|-----------------------|----------------------------------------------------------------------|
| WebLogic Server       | V16540-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0))       |
| WebLogic Portal       | V16543-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0))       |
| WebLogic Integration  | V16542-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0))  |
| WebLogic Platform     | V16541-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0))     |
| WebLogic Platform ISV | V16544-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0)) |

3. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs102/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

## Download and Installation Instructions for WebLogic Platform 10.2

- [“Download and Installation Instructions for SUN Solaris SPARC on 32-bit JDK”](#) on page 5-10
- [“Download and Installation Instructions for SUN Solaris on x86”](#) on page 5-10
- [“Download and Installation Instructions for SUN Solaris on SPARC using 64-bit JDK”](#) on page 5-11
- [Download and Installation Instructions for SUN Solaris on AMD64/64-bit Xeon using 32-bit JDK](#)

### Download and Installation Instructions for SUN Solaris SPARC on 32-bit JDK

There are no special instructions for download and installation for BEA Platform 10.2 products for Solaris 9 on SPARC. For the standard method of installing BEA products, appropriate for all operating systems, see [BEA Products Installation Guide](#). For information about distribution methods for WebLogic Platform and WebLogic Server, see [Product Distribution Methods](#).

### Download and Installation Instructions for SUN Solaris on x86

Complete the following procedures:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Portal 10.2 or WebLogic Integration for Sun Solaris x86 (32-bit).

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install the WebLogic Server and WebLogic Workshop components using the instructions provided in the [“Using Installers with Filenames Ending in .jar”](#) section of the *Products Installation Guide*.
3. Install the WebLogic Portal or WebLogic Integration component into the same BEA Home directory where Weblogic Server is installed.



## Download and Installation Instructions for SUN Solaris on SPARC using 64-bit JDK

Complete the following procedures:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Portal 10.2 for Sun Solaris SPARC using 64-bit JVM.

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install using the instructions provided in the “[Using Installers with Filenames Ending in .jar](#)” section of the *Products Installation Guide*.
3. Update the `LD_LIBRARY_PATH` variable to point to the `server/native/solaris/sparc64` directory. Replace all occurrences of `$WL_HOME/server/native/solaris/sparc` with `$WL_HOME/server/native/solaris/sparc64` in the `WL_HOME/common/bin/commEnv.sh` file.
4. Update `JAVA_VM` by adding `-d64` with the existing variable in the `$WL_HOME/common/bin/commEnv.sh` file.

## Download and Installation Instructions for SUN Solaris on AMD64/64-bit Xeon using 32-bit JDK

Complete the following procedures:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Server 10 for Sun Solaris SPARC AMD64/64-bit Xeon.

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install using the instructions provided in the “[Using Installers with Filenames Ending in .jar](#)” section of the *Products Installation Guide*.



# WebLogic Platform 10.0 on Solaris 10

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Installation Instructions](#)
- [WebLogic Server Support For Solaris Zones](#)

## Related Information

- For information about supported database configurations, Web servers, browsers, interoperability tools, and product support, see:
  - [Supported Configurations for WebLogic Platform 10.0](#)
- For information about the Solaris operating system, see the following Sun Web site:  
<http://www.sun.com/solaris>.
- For information about Sun’s support services—If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JDK problems). See <http://www.sun.com/service/support>.
- For information on Azul Systems, see [www.azulsystems.com](http://www.azulsystems.com).

## Configuration Requirements

The following section provides requirements for BEA products supported on this configuration:

- [“Requirements for Solaris 10 on SPARC Using Sun 32-bit JDK” on page 6-2](#)

- [“Requirements for Solaris 10 on SPARC Using BEA JRockit 64-bit JDK”](#) on page 6-3
- [“Requirements for Solaris 10 on SPARC Using SUN 64-bit JDK”](#) on page 6-3
- [“Requirements for Solaris 10 on x86 Using Sun 32-bit JDK”](#) on page 6-4
- [“Requirements for Solaris 10 on AMD64 Using Sun 32-bit JDK”](#) on page 6-4
- [“Requirements for Solaris 10 on 64-bit Xeon Using Sun 32-bit JDK”](#) on page 6-5

**Table 6-1 Requirements for Solaris 10 on SPARC Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.0: Sun Java 2 JDK 5.0 Update 6 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</li> <li>• 10.0 MP1: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</li> <li>• 10.0 MP2: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Azul Virtual Machine 2.4.0.18-7 and later patches</li> </ul> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Performance Pack</b>                              | server/native/solaris/sparc/libmuxer.so                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>BEA Product Support</b>                           | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 (includes MP1, MP2)</li> <li>• WebLogic Portal 10.0 (includes MP1)</li> <li>• Workshop for WebLogic 10.0 (includes MP1) (Runtime)</li> <li>• <a href="#">BEA Workshop 10.1 (Runtime)</a></li> </ul>                                                                                                                                                                                                                                                                                                                |

**Table 6-2 Requirements for Solaris 10 on SPARC Using BEA JRockit 64-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                  |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                        |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.0: JRockit 5.0 R26.4.0 (64-bit) and all later 5.0 releases</li> <li>• 10.0 MP1: JRockit 5.0 R27.3.1 (64-bit) and all later 5.0 releases</li> <li>• 10.0 MP2: JRockit 5.0 R27.6.1 (64-bit) and all later 5.0 releases</li> </ul> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                              |
| <b>Performance Pack</b>                              | <code>server/native/solaris/sparc64/libmuxer.so</code>                                                                                                                                                                                                                      |
| <b>BEA Product Support</b>                           | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 (includes MP1, MP2)</li> <li>• Workshop for WebLogic 10.0 (includes MP1) (Runtime)</li> </ul>                                                                                                                 |

**Table 6-3 Requirements for Solaris 10 on SPARC Using SUN 64-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Chip Architecture and Minimum Processor Speed</b> | UltraSPARC (168 MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.0: Sun Java 2 JDK 5.0 Update 8 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</li> <li>• 10.0 MP1: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</li> <li>• 10.0 MP2: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</li> </ul> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Performance Pack</b>                              | <code>server/native/solaris/sparc64/libmuxer.so</code>                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 (includes MP1, MP2)</li> <li>• Workshop for WebLogic 10.0 (includes MP1) (Runtime)</li> </ul>                                                                                                                                                                                                                                                                                                          |

**Table 6-4 Requirements for Solaris 10 on x86 Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Chip Architecture and Minimum Processor Speed</b> | Xeon, Pentium II or higher, x86, and compatible chip architectures (1.4 GHz)                                                                                                                                                                                                                                                                                                                                      |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.0: Sun Java 2 JDK 5.0 Update 8 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0.</li> <li>• 10.0 MP1: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0.</li> <li>• 10.0 MP2: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0.</li> </ul> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                                                                                                                                                                                                                                                                                |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 (includes MP1, MP2)</li> <li>• WebLogic Portal 10.0 (includes MP1)</li> <li>• Workshop for WebLogic 10.0 (includes MP1) (Runtime)</li> </ul>                                                                                                                                                                                                        |

**Table 6-5 Requirements for Solaris 10 on AMD64 Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Chip Architecture and Minimum Processor Speed</b> | AMD64 (1.201 GHz)                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>JDK</b>                                           | <ul style="list-style-type: none"> <li>• 10.0: Sun Java 2 JDK 5.0 Update 8 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0</li> <li>• 10.0 MP1: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0</li> <li>• 10.0 MP2: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0</li> </ul> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                                                                                                                                                                                                 |

**Table 6-5 Requirements for Solaris 10 on AMD64 Using Sun 32-bit JDK**

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Performance Pack</b> | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                                                                         |
| <b>Product Support</b>  | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 (includes MP1, MP2)</li> <li>• WebLogic Portal 10.0 (includes MP1)</li> <li>• Workshop for WebLogic 10.0 (includes MP1) (Runtime)</li> </ul> |

**Table 6-6 Requirements for Solaris 10 on 64-bit Xeon Using Sun 32-bit JDK**

|                                                      |                                                                                                                                                                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System Version and Patches</b>          | Solaris 10                                                                                                                                                                                                                                |
| <b>Chip Architecture and Minimum Processor Speed</b> | 64-bit Xeon (1.201 GHz)                                                                                                                                                                                                                   |
| <b>JDK</b>                                           | <p>10.0 MP1: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0</p> <p>10.0 MP2: Sun Java 2 JDK 5.0 Update 11 with the Java HotSpot™ Server VM (32-bit) and all later updates of 5.0</p> |
| <b>RAM</b>                                           | 1 GB minimum, 2 GB recommended                                                                                                                                                                                                            |
| <b>Performance Pack</b>                              | <code>server/native/solaris/x86/libmuxer.so</code>                                                                                                                                                                                        |
| <b>Product Support</b>                               | <ul style="list-style-type: none"> <li>• WebLogic Server 10.0 (includes MP1, MP2)</li> <li>• Workshop for WebLogic 10.0 (includes MP1) (Runtime)</li> </ul>                                                                               |

## Known Issues

### Serial Version UID Mismatch

A Serial Version UID mismatch may be encountered if you deploy an application on a latest JVM but compiled with a prior release of Sun JDK

Workaround: To be compatible with the serialization of previously compiled applications, modify the `<BEA_HOME>/wlserver_10.0/common/bin/commEnv.sh` file to include the following command:

```
JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

Alternatively, you can use the command line option:

```
export JAVA_OPTIONS="$JAVA_OPTIONS -Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0"
```

**Note:** If you intend to deploy new applications with previously compiled applications, they must be recompiled as necessary to have the same Serial Version UID.

## Autonomy Issues Related to Solaris 10 on x86 and AMD64

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 10.0*.

## Known Issues for Other BEA Products

For information about known issues with BEA products supported on this configuration, including available workarounds, see the appropriate *Release Notes* document.

| Issues related to...           | Are described in...                                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WebLogic Server                | <i>WebLogic Server Known and Resolved Issues:</i><br><a href="http://e-docs.bea.com/wls/docs100/issues/known_resolved.html">http://e-docs.bea.com/wls/docs100/issues/known_resolved.html</a>           |
| Installation and configuration | <i>Products Installation and Configuration Release Notes:</i><br><a href="http://e-docs.bea.com/common/docs100/relnotes/relnotes.html">http://e-docs.bea.com/common/docs100/relnotes/relnotes.html</a> |
| WebLogic Portal                | <i>WebLogic Portal Release Notes:</i><br><a href="http://e-docs.bea.com/wlp/docs100/relnotes/index.html">http://e-docs.bea.com/wlp/docs100/relnotes/index.html</a>                                     |
| Workshop for WebLogic          | <i>Workshop for WebLogic Release Notes:</i><br><a href="http://e-docs.bea.com/wlw/docs100/relnotes/index.html">http://e-docs.bea.com/wlw/docs100/relnotes/index.html</a>                               |
| Workshop for WebLogic 10.1     | <i>Workshop Version 10.1 Release Notes:</i><br><a href="http://e-docs.bea.com/wlw/docs101/relnotes/index.html">http://e-docs.bea.com/wlw/docs101/relnotes/index.html</a>                               |

## Download and Installation Instructions

The following section provides download and installation instructions for BEA products 10.0 on Solaris 10:

- [“Download and Install the Sun JDK 5.0 for Solaris 10 on x86 and AMD64/64-Bit Xeon” on page 6-7](#)



- “Download and Install WebLogic 10 and Later MPs for Solaris 10 on SPARC 32-bit” on page 6-7
- “Download and Install WebLogic 10 and Later MPs for Solaris 10 on SPARC Using JRockit 64-Bit JDK” on page 6-8
- “Download and Install WebLogic 10.0 and Later MPs for Solaris 10 on SPARC Using Sun 64-Bit JDK” on page 6-9
- “Download and Install WebLogic 10.0 and Later MPs for Solaris 10 on x86” on page 6-11
- “Download and Install WebLogic 10 and Later MPs for Solaris 10 on AMD64/64-Bit Xeon” on page 6-13
- Download and Installation Instructions for Solaris 10 for SPARC on AZUL VM 2.4.0.18-7

## Download and Install the Sun JDK 5.0 for Solaris 10 on x86 and AMD64/64-Bit Xeon

To install Sun JDK 5.0 for Solaris 10 on x86 and AMD64/64-Bit Xeon:

1. Go to the Sun download site at [http://java.sun.com/javase/downloads/index\\_jdk5.jsp](http://java.sun.com/javase/downloads/index_jdk5.jsp).
2. Select the latest JDK 5.0 Update.
3. Select the update from the Solaris x86 section.
4. Set the `JAVA_HOME` environment variable to the directory in which the JDK is installed, and export `JAVA_HOME`. For example: `export JAVA_HOME=/usr/jdk1.5.0_11`
5. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example: `export PATH=$JAVA_HOME/bin:$PATH`

## Download and Install WebLogic 10 and Later MPs for Solaris 10 on SPARC 32-bit

1. Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 10.0 MP2.
  - a. Select Product Pack “Oracle BEA”.
  - b. Select platform “Sun Solaris Sparc (32-bit)”.

- c. Select media pack “BEA WebLogic Media for Sun Solaris Sparc (32-bit)”.
- d. Select the part number with the “WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0)” description for download.

There are no special instructions for download and installation for BEA products 10.0 on Solaris 10 on SPARC. For the standard method of installing BEA products, appropriate for all operating systems, see *BEA Products Installation Guide*. For information about distribution methods for WebLogic Platform and WebLogic Server, see [Product Distribution Methods](#).

## Download and Install WebLogic 10 and Later MPs for Solaris 10 on SPARC Using JRockit 64-Bit JDK

Complete the following procedures:

1. [“Download and Install JRockit 5.0 for Solaris \(SPARC - 64-bit\)”](#) on page 6-8
2. [“Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on SPARC Using JRockit 64-Bit”](#) on page 6-8

### Download and Install JRockit 5.0 for Solaris (SPARC - 64-bit)

Complete the following procedure:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download and install JRockit 5.0. For additional information on JRockit, refer to [JRockit FAQ](#).
2. Set the `JAVA_HOME` environment variable to the directory in which the JDK is installed and export `JAVA_HOME`. For example:  

```
export JAVA_HOME=/usr/jdk1.5.0_06
```
3. Set your `PATH` variable to include `$JAVA_HOME/bin`. For example:  

```
export PATH=$JAVA_HOME/bin:$PATH
```
4. Install the recommended patch for JRockit 5.0 at [http://edocs.bea.com/jrockit/jrdocs/suppPlat/supp\\_50.html#wp1014146](http://edocs.bea.com/jrockit/jrdocs/suppPlat/supp_50.html#wp1014146).

### Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on SPARC Using JRockit 64-Bit

To install WebLogic Server 10.0 on Sun Solaris 10 SPARC using JRockit 64-Bit JDK:

1. To download WebLogic Server 10.0 MP2, do the following:

Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 10.0 MP2:

- Select Product Pack “Oracle BEA”.
- Select platform “Sun Solaris SPARC”
- Select media pack “BEA WebLogic Media for Sun Solar SPARC (64-bit)”
- Select the part number with the “WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0)” description for download

If you’re downloading WebLogic Server 10.0 MP1, select the part number with the “WebLogic Server 10.0 MP 1” description..

**Note:** For additional information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs100/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

3. Set the WL\_HOME variable to the directory in which you installed your BEA product, and export WL\_HOME. For example:

```
$ export WL_HOME=<your_installation_directory>/wlserver_10.0
```

4. Update the LD\_LIBRARY\_PATH variable to point to the server/native/solaris/sparc64 directory. Replace all occurrences of \$WL\_HOME/server/native/solaris/sparc with \$WL\_HOME/server/native/solaris/sparc64 in the WL\_HOME/common/bin/commEnv.sh file.

## Download and Install WebLogic 10.0 and Later MPs for Solaris 10 on SPARC Using Sun 64-Bit JDK

Complete the following procedures:

1. [“Download and Install Sun SDK 1.5.0 \(64-bit\)” on page 6-10](#)
2. [“Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on SPARC Using Sun 64-Bit JDK” on page 6-10](#)

## Download and Install Sun SDK 1.5.0 (64-bit)

Complete the following procedure:

1. Go to the Sun download site at [http://java.sun.com/javase/downloads/index\\_jdk5.jsp](http://java.sun.com/javase/downloads/index_jdk5.jsp).
2. Select the latest JDK 5.0 Update.
3. From the section for Solaris SPARC Platform, download:
  - Sun Java JDK 5.0 Update (32-bit)
  - Sun Java JDK 5.0 Update (64-bit)

**Note:** Solaris 64-bit JDK requires that the 32-bit JDK is installed before installing the 64-bit JDK.

4. Install both the 32-bit and 64-bit JDK using the installation instructions on the download page at <http://java.sun.com/j2se/1.5.0/install-solaris.html>.
5. Set the `JAVA_HOME` environment variable to the directory in which Sun JDK 5.0 Update is installed and export `JAVA_HOME`. For example:

```
export JAVA_HOME=/usr/jdk1.5.0_11
```
6. Set your `PATH` variable to include `$JAVA_HOME/bin`. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```
7. Use the `-d64` option to invoke Hotspot 64-bit Server for your installation.

## Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on SPARC Using Sun 64-Bit JDK

To install WebLogic Server on Sun Solaris 10 SPARC Using Sun 64-Bit JDK:

1. To download WebLogic Server 10.0 MP2, do the following:

Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 10.0 MP2:

  - Select Product Pack “Oracle BEA”.
  - Select the “Sun Solaris SPARC 64-bit.
  - Select media pack “BEA WebLogic Media for Sun Solaris SPARC 64-bit”
  - Select the part number with the “WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0)” description for download

If you're downloading WebLogic Server 10.0 MP1, select the part number with the "WebLogic Server 10.0 MP 1" description..

**Note:** For additional information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs100/install/start.html> for instructions on how to start the `.jar` or `.bin` or `.exe` installer files. Note, that generic installers are those filenames that end in `.jar`.

3. Set the `WL_HOME` variable to the directory in which you installed your BEA product, and export `WL_HOME`. For example:

```
$ export WL_HOME=<your_installation_directory>/wlserver_10.0
```

4. Update the `LD_LIBRARY_PATH` variable to point to the `server/native/solaris/sparc64` directory. Replace all occurrences of `$WL_HOME/server/native/solaris/sparc` with `$WL_HOME/server/native/solaris/sparc64` in the `WL_HOME/common/bin/commEnv.sh` file.
5. Update `JAVA_VM` by adding `-d64` with the existing variable in `$WL_HOME/common/bin/commEnv.sh`.

## Download and Install WebLogic 10.0 and Later MPs for Solaris 10 on x86

Complete the following procedures:

1. ["Download and Install the Sun JDK 5.0 for Solaris 10 on x86 and AMD64/64-Bit Xeon" on page 6-7](#)
2. Depending on your requirements:
  - a. ["Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on x86" on page 6-12](#)
  - b. ["Download and Install WebLogic Portal 10.0 and Later MPs for Solaris 10 on x86" on page 6-12](#)

## Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on x86

To install WebLogic Server on Sun Solaris 10 on x86:

1. To download WebLogic Server 10.0 MP2, do the following:

Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 10.0 MP2:

- Select Product Pack “Oracle BEA”.
- Select the “Solaris x86” platform.
- Select media pack “BEA WebLogic Media for Sun Solaris x86 (x86, x86-64)”
- Select the part number with the “WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0)” description for download

If you’re downloading WebLogic Server 10.0 MP1, select the part number with the “WebLogic Server 10.0 MP 1” description..

**Note:** For additional information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs100/install/start.html> for instructions on how to start the .jar or .bin or .exe installer files. Note, that generic installers are those filenames that end in .jar.

## Download and Install WebLogic Portal 10.0 and Later MPs for Solaris 10 on x86

To install WebLogic Portal on Sun Solaris 10 on x86:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Portal for Sun Solaris (9, 10, x86).

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install WebLogic Portal using the instructions in [Using Installers with Filenames Ending in .jar](#) in the BEA Products Installation Guide. This section describes the process of installing .jar files in the Graphical mode.

## Download and Install WebLogic 10 and Later MPs for Solaris 10 on AMD64/64-Bit Xeon

Complete the following procedures:

1. [“Download and Install the Sun JDK 5.0 for Solaris 10 on x86 and AMD64/64-Bit Xeon” on page 6-7](#)
2. Depending on your requirements:
  - a. [“Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on AMD64/64-Bit Xeon” on page 6-13](#)
  - b. [“Download and Install WebLogic Portal 10.0 and Later MPs for Solaris 10 on AMD64” on page 6-14](#)

## Download and Install WebLogic Server 10.0 and Later MPs for Solaris 10 on AMD64/64-Bit Xeon

To install WebLogic Server on Sun Solaris 10 on AMD64/64-Bit Xeon:

1. To download WebLogic Server 10.0 MP2, do the following:

Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 10.0 MP2:

- Select Product Pack “Oracle BEA”.
- Select the “Solaris x86-64” platform.
- Select media pack “BEA WebLogic Media for Sun Solaris x86 (x86, x86-64)”
- Select the part number with the “WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0)” description for download

If you’re downloading WebLogic Server 10.0 MP1, select the part number with the “WebLogic Server 10.0 MP 1” description..

**Note:** For additional information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install the WebLogic Products using the directions provided in the [BEA Products Installation Guide](#).

Refer to <http://e-docs.bea.com/common/docs100/install/start.html> for instructions on how to start the `.jar` or `.bin` or `.exe` installer files. Note, that generic installers are those filenames that end in `.jar`.

## Download and Install WebLogic Portal 10.0 and Later MPs for Solaris 10 on AMD64

To install WebLogic Portal on Sun Solaris 10 on AMD64:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Portal for Sun Solaris (10, AMD64).

**Note:** For important information on how to download BEA products refer to [My Oracle Support Note 762254.1](#) and [My Oracle Support Note 763603.1](#).

2. Install WebLogic Portal using the instructions in [Using Installers with Filenames Ending in .jar](#) in the BEA Products Installation Guide. This section describes the process of installing `.jar` files in the Graphical mode.

## Download and Installation Instructions for Solaris 10 for SPARC on AZUL VM 2.4.0.18-7

Complete the following procedure:

1. Download Azul VM proxy 2.4.0.18-7 from [www.azulsystems.com](http://www.azulsystems.com).
2. Install AZUL JVM proxy using the steps in the install document provide with the JVM proxy kit.
3. Set the `AZUL_JAVAHOME` to the location where you installed the AZUL JVM.
4. From `AZUL_JAVAHOME`, run the `domain_specify` script. It will prompt for the Azul domain and policy server host. Please specify appropriate values.
5. Install WebLogic Server for Solaris 10 on SPARC using the instructions in [Using Installers with Filenames Ending in .bin](#) in the *BEA Products Installation Guide*. This section describes the process of installing `.bin` installers.
6. Set the `WL_HOME` variable to the directory in which you installed your BEA product and export `WL_HOME`. For example:

```
$ export WL_HOME=<your_installation_directory>/wlserver_10.0
```



## WebLogic Server Support For Solaris Zones

For information on Weblogic Server support of Solaris Zones, refer to “*WebLogic Server Support For Sun Solaris 10 in Multi-Zone Operation*”.

