



Oracle Products

**Supported
Configurations: Oracle
Enterprise Linux**

Contents

1. WebLogic Platform 10.3 on Oracle Enterprise Linux 5

Configuration Requirements	1-2
Known Issues	1-5
Doing a Complete Install With a Generic Installer	1-5
Serial Version UID Mismatch	1-5
JVM Stack Overflow	1-6
Issues Related to WebLogic Integration 10.3 Using 64-bit JDK	1-6
Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy	1-7
Issues Related to Other Products	1-8
Download and Install Instructions	1-8
Download and Install Instructions for OEL on AMD64/64-bit Xeon	1-8
Download and Install Instructions for OEL on x86	1-11

2. WebLogic Platform 10.3 on Oracle Enterprise Linux 4.6

Configuration Requirements	2-2
Known Issues	2-4
Doing a Complete Install With a Generic Installer	2-4
Serial Version UID Mismatch	2-4
JVM Stack Overflow	2-5
Issues Related to WebLogic Integration 10.3 Using 64-bit JDK	2-5
Issues Related to Oracle Enterprise Linux 4.6 on AMD64 and 64-bit Xeon when Using Remote Autonomy	2-7
Issues Related to Other Products	2-7
Download and Install Instructions	2-7
Download and Install Instructions for OEL on AMD64/64-bit Xeon	2-8

Download and Install Instructions for OEL on x86.....	2-10
---	------

3. WebLogic Platform 10.2 on Oracle Enterprise Linux 5.0

Configuration Requirements	1-2
Known Issues	1-6
Serial Version UID Mismatch	1-6
Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon.	1-6
JVM Stack Overflow	1-6
Exception Encountered on Systems with Mounted NFS File Systems	1-6
Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy	1-7
Issues Related to Other Products	1-7
Download and Install Instructions for WebLogic Platform 10.2 MP1	1-7
Download and Install WebLogic Media Pack for Linux x86	1-8
Download and Install WebLogic Media Pack for Linux x86-64	1-9
Download and Install WebLogic Media Pack for Linux Itanium	1-10
Download and Install Instructions for WebLogic Platform 10.2	1-11
Oracle Enterprise Linux 5.0 on x86.....	1-11
Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon.....	1-12

4. WebLogic Platform 10.2 on Oracle Enterprise Linux 4.0

Configuration Requirements	2-2
Known Issues	2-5
Serial Version UID Mismatch	2-5
Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon.	2-5
JVM Stack Overflow	2-5
Exception Encountered on Systems with Mounted NFS File Systems	2-5
Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy	2-6

Issues Related to Other Products	2-6
Download and Install Instructions for WebLogic Platform 10.2 MP1	2-6
Download and Install WebLogic Media Pack for Linux x86.	2-7
Download and Install WebLogic Media Pack for Linux x86-64	2-8
Download and Install WebLogic Media Pack for Linux Itanium	2-9
Download and Install Instructions for WebLogic Platform 10.2	2-10
Oracle Enterprise Linux 4.0 on x86	2-10
Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon.	2-11

5. WebLogic Server 10.0 on Oracle Enterprise Linux 5.0

Configuration Requirements	3-2
Known Issues.	3-5
Serial Version UID Mismatch	3-5
Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon.	3-5
JVM Stack Overflow.	3-5
Exception Encountered on Systems with Mounted NFS File Systems.	3-5
Issues Related to Other Products	3-6
Download and Installation Instructions.	3-6
Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on x86	3-6
Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64	3-7
Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64	3-8
Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium	3-9
Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium	3-9

6. WebLogic Server 10.0 on Oracle Enterprise Linux 4.0

Configuration Requirements	4-2
Known Issues	4-5
Serial Version UID Mismatch	4-5
Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon.	4-5
JVM Stack Overflow	4-5
Exception Encountered on Systems with Mounted NFS File Systems	4-5
Issues Related to Other Products	4-6
Download and Install Instructions.	4-6
Download and Install Instructions for WebLogic Server 10.0 and later MPs on Oracle Enterprise Linux 4.0 on x86	4-6
Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64	4-7
Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64	4-8
Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on Itanium.	4-9
Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on Itanium	4-9

7. WebLogic Platform 9.2 on Oracle Enterprise Linux 5.0

Configuration Requirements	5-2
Known Issues	5-5
Serial Version UID Mismatch	5-5
Issues Related to Oracle Enterprise Linux 5.0 on AMD64, 64-bit Xeon when Using Remote Autonomy	5-5
Issues Related to Other Products	5-6
Download and Install Instructions.	5-6

Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0	5-7
Download and Install WebLogic Platform 9.2 Maintenance Packs for Oracle Enterprise Linux 5.0 on x86	5-8
Download WebLogic Platform 9.2 Maintenance Packs for Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64	5-8

8. WebLogic Platform 9.2 on Oracle Enterprise Linux 4.0

Configuration Requirements	6-2
Known Issues.	6-6
Serial Version UID Mismatch	6-6
Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon.	6-6
JVM Stack Overflow.	6-6
Exception Encountered on Systems with Mounted NFS File Systems.	6-6
Issues Related to Oracle Enterprise Linux 4.0 on AMD64, 64-bit Xeon when Using Remote Autonomy	6-7
Issues Related to Other Products	6-7
Download and Install Instructions.	6-8
Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0	6-8
Download and Install WebLogic Platform 9.2 for Oracle Enterprise Linux 4.0 on x86	6-9
Download and Install WebLogic Platform for Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64.	6-10

WebLogic Platform 10.3 on Oracle Enterprise Linux 5

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 installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#) or [Oracle Technology Network](#).
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

The following section provides requirements for products supported on this configuration (Note: Oracle VM is Oracle's server virtualization software. Oracle VM is supported where the operating system reference is followed by "/OVM"):

- [Requirements for Oracle Enterprise Linux 5 / OVM on x86](#)
- [Requirements for Oracle Enterprise Linux 5 / OVM on AMD64 and 64-bit Xeon with 32-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 5 / OVM on AMD64 and 64-bit Xeon with 64-bit JDK](#)

Table 1-1 Requirements for Oracle Enterprise Linux 5 / OVM on x86

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (32-bit) and all later 6.0 releases of JRockit Sun Java 2 JDK 6.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0 (version 1.6.0_05)
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuser.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 (Supports JRockit only) • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.3 (IDE) on Sun Java 2 JDK 6.0: Supported.

Table 1-2 Requirements for Oracle Enterprise Linux 5 / OVM on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (32-bit) and all later 6.0 releases of JRockit Sun Java 2 JDK 6.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0 (version 1.6.0_05)
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/i686/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 (Supports JRockit only) • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.3 (IDE) on Sun Java 2 JDK 6.0: Not supported.

Table 1-3 Requirements for Oracle Enterprise Linux 5 / OVM on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (64-bit) and all later 6.0 releases of JRockit Sun Java 2 JDK 6.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0 (version 1.6.0_05)
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/x86_64/libmuser.so</code>

Table 1-3 Requirements for Oracle Enterprise Linux 5 / OVM on AMD64 and 64-bit Xeon with 64-bit JDK

Product Support	<ul style="list-style-type: none">• WebLogic Server 10.3• WebLogic Portal 10.3 (Supports JRockit only)• WebLogic Integration 10.3, WebLogic Integration 10.3.1• Workshop for WebLogic 10.3 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.3 (IDE) on Sun Java 2 JDK 6.0: Not supported.

Known Issues

- [Doing a Complete Install With a Generic Installer](#)
- [Serial Version UID Mismatch](#)
- [JVM Stack Overflow](#)
- [Issues Related to WebLogic Integration 10.3 Using 64-bit JDK](#)
- [Issues Related to Oracle Enterprise Linux 5.0 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. This issue applies to Oracle Enterprise Linux 4, 5, 5.1 on AMD64 and 64-bit Xeon platforms.

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

Issues Related to WebLogic Integration 10.3 Using 64-bit JDK

1. When you install WebLogic Integration 10.3, you might get the following Exception during installation:

```
“Creating Domains...
```

```
Exception in thread "Thread-38" java.lang.OutOfMemoryError: Java heap space
```

```
    at java.util.Arrays.copyOf(Arrays.java:2882)
```

```
    at
```

```
java.lang.AbstractStringBuilder.expandCapacity(AbstractStringBuilder.java:100)
```

```
    at
```

```
java.lang.AbstractStringBuilder.append(AbstractStringBuilder.java:390)
```

```
    at java.lang.StringBuffer.append(StringBuffer.java:224)
```

```
at
```

```
com.bea.plateng.domain.security.LDIFTMerger.getMergedResultStr(LDIFTMerger.java:108)
```

```
    at
```

```
com.bea.plateng.domain.security.SecurityHelper.mergeAuthorizerLDIFTFiles(SecurityHelper.java:1489)
```

```
    at
```

```
com.bea.plateng.domain.security.SecurityHelper.mergeAuthorizer(SecurityHelper.java:1466)
```

```
    at
```

```
com.bea.plateng.domain.TemplateImporter.generate(TemplateImporter.java:340)
```

```
    at
```

```
com.bea.plateng.domain.script.ScriptExecutor$2.run(ScriptExecutor.java:2785)
```

This problem occurs when you use the 64-bit Sun JDK or 64-bit JRockit.

Workaround:

You will need to increase the heap size by doing the following:

```
java -Xms512m -Xmx1024m -jar wli10gR3_generic.jar
```

2. When the Medrec server goes into run mode and you try accessing the admin console for this Medrec server, you may get the following Exception:

```
“<Error> <netuix> <BEA-423341> <An exception was thrown while trying
to map the tag [ lookAndFeel ] : [ java.lang.Throwable ].
java.lang.Throwable
    at
com.bea.netuix.nf.factories.TagClassMap$NamespaceTagnameMap.getClass(Tag
ClassMap.java:189)
    at
com.bea.netuix.nf.factories.TagClassMap.getClass(TagClassMap.java:88)
    at
com.bea.netuix.nf.factories.ControlTreeFactoryBuilder$CustomDefaultHand
ler.startElement(ControlTreeFactoryBuilder.java:398)
    at
com.sun.org.apache.xerces.internal.parsers.AbstractSAXParser.startElemen
t(AbstractSAXParser.java:501)
at
com.sun.org.apache.xerces.internal.impl.XMLNSDocumentScannerImpl.scanSt
artElement(XMLNSDocumentScannerImpl.java:400)
    Truncated. see log file for complete stacktrace
```

An exception can also be thrown when you try to stop the server. You get an “OutOfMemoryException”.

This problem occurs when you have the 64-bit Sun JDK installed.

Workaround:

In the setDomainEnv.sh file, increase MaxPermSize to 256. With this change, the server can start up and you can access the Admin Console without getting the above exception. The server can also shutdown gracefully.

Issues Related to Oracle Enterprise Linux 5.0 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 Instructions for OEL on AMD64/64-bit Xeon” on page 1-8
- “Download and Install Instructions for OEL on x86” on page 1-11
- 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 Instructions for OEL 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 Media Pack and Part Numbers for download:
- Select the Product Pack, Platform and Media Pack.

Product Pack	Oracle Fusion Middleware
Platform	Linux x86
Media Pack	B36233 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Linux x86 (32 bit))

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

Product	Hardware	Platform JVM	Part Number (Description)
WebLogic Server	64-bit Xeon	JRockit (32-bit)	V13616 (Oracle WebLogic Server 10gR3 (10.3) Linux x86)
	64-bit AMD64	Sun JDK (32-bit)	
WebLogic Server	64-bit Xeon	JRockit (64-bit)	V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”)
	64-bit AMD64	Sun JDK 64-bit	
WebLogic Portal	64-bit Xeon	JRockit (32-bit)	V13807 (Oracle WebLogic Portal 10gR3 (10.3) Linux x86)
	64-bit AMD64		
WebLogic Portal	64-bit Xeon	JRockit (64-bit)	V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”)
	64-bit AMD64		

WebLogic Integration	64-bit Xeon	JRocket (32-bit)	V19639-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) for Linux x86
	64-bit AMD64	Sun JDK (32-bit)	V19642-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer for Linux x86
WebLogic Integration	64-bit Xeon	JRocket (64-bit)	V19187-01 (Oracle WebLogic Integration 10gR3 (10.3.1) Generic Installer)
	64-bit AMD64	Sun JDK (64-bit)	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 64-bit Xeon/AMD64 using 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*.
 4. Install instructions for 64-bit Xeon/AMD64 using 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*.

- 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 OEL on x86

- Download and install the supported JDK for your environment.
- 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 Fusion Middleware
Platform	Linux x86
Media Pack	B36233 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Linux x86 (32 bit))

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

Product	Hardware	Platform JVM	Part Number (Description)
WebLogic Server	x86	JRockit (32-bit) Sun JDK (32-bit)	V13616 (Oracle WebLogic Server 10gR3 (10.3) Linux x86)
WebLogic Portal	x86	JRockit (32-bit)	V13807 (Oracle WebLogic Portal 10gR3 (10.3) Linux x86)
WebLogic Integration	x86	JRockit (32-bit) Sun JDK (32-bit)	V19639-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) for Linux x86 V19642-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer for Linux x86

- Unzip the file.

3. Install instructions for x86 using 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*.
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 Platform 10.3 on Oracle Enterprise Linux 4.6

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 installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#) or [Oracle Technology Network](#).
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

The following section provides requirements for products supported on this configuration (Note: Oracle VM is Oracle's server virtualization software. Oracle VM is supported where the operating system reference is followed by "/OVM"):

- [Requirements for Oracle Enterprise Linux 4.6 / OVM on x86](#)
- [Requirements for Oracle Enterprise Linux 4.6 / OVM on AMD64 and 64-bit Xeon with 32-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 4.6 / OVM on AMD64 and 64-bit Xeon with 64-bit JDK](#)

Table 2-1 Requirements for Oracle Enterprise Linux 4.6 / OVM on x86

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp, and glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (32-bit) and all later 6.0 releases of JRockit Sun Java 2 JDK 6.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0 (version 1.6.0_05)
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuxer.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 (Supports JRockit only) • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.3 (IDE) on Sun Java 2 JDK 6.0: Supported.

Table 2-2 Requirements for Oracle Enterprise Linux 4.6 / OVM on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (32-bit) and all later 6.0 releases of JRockit Sun Java 2 JDK 6.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 6.0 (version 1.6.0_05)
RAM	1 GB minimum
Performance Pack	server/native/linux/i686/libmuser.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 (Supports JRockit only) • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.3 (IDE) on Sun Java 2 JDK 6.0: Not supported.

Table 2-3 Requirements for Oracle Enterprise Linux 4.6 / OVM on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	JRockit 6.0 (R27.6.0-50) JDK (64-bit) and all later 6.0 releases of JRockit Sun Java 2 JDK 6.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 6.0 (version 1.6.0_05)

Table 2-3 Requirements for Oracle Enterprise Linux 4.6 / OVM on AMD64 and 64-bit Xeon with 64-bit JDK

RAM	1 GB minimum
Performance Pack	<code>server/native/linux/x86_64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.3 • WebLogic Portal 10.3 (Supports JRockit only) • WebLogic Integration 10.3, WebLogic Integration 10.3.1 • Workshop for WebLogic 10.3 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.3 (IDE) on Sun Java 2 JDK 6.0: Not supported.

Known Issues

- [Doing a Complete Install With a Generic Installer](#)
- [Serial Version UID Mismatch](#)
- [JVM Stack Overflow](#)
- [Issues Related to WebLogic Integration 10.3 Using 64-bit JDK](#)
- [Issues Related to Oracle Enterprise Linux 4.6 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. This issue applies to Oracle Enterprise Linux 4, 5, 5.1 on AMD64 and 64-bit Xeon platforms.

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

Issues Related to WebLogic Integration 10.3 Using 64-bit JDK

1. When you install WebLogic Integration 10.3, you might get the following Exception during installation:

```
“Creating Domains...
Exception in thread "Thread-38" java.lang.OutOfMemoryError: Java heap
space
    at java.util.Arrays.copyOf(Arrays.java:2882)
    at
java.lang.AbstractStringBuilder.expandCapacity(AbstractStringBuilder.ja
va:100)
    at
java.lang.AbstractStringBuilder.append(AbstractStringBuilder.java:390)
    at java.lang.StringBuffer.append(StringBuffer.java:224)
    at
com.bea.plateng.domain.security.LDIFTMerger.getMergedResultStr(LDIFTMer
ger.java:108)
    at
com.bea.plateng.domain.security.SecurityHelper.mergeAuthorizerLDIFTFile
s(SecurityHelper.java:1489)
```

```
        at
com.bea.plateng.domain.security.SecurityHelper.mergeAuthorizer(Security
Helper.java:1466)

        at
com.bea.plateng.domain.TemplateImporter.generate(TemplateImporter.java:
340)

        at
com.bea.plateng.domain.script.ScriptExecutor$2.run(ScriptExecutor.java:
2785)
```

This problem occurs when you use the 64-bit Sun JDK or 64-bit JRockit.

Workaround:

You will need to increase the heap size by doing the following:

```
java -Xms512m -Xmx1024m -jar wli10gR3_generic.jar
```

2. When the Medrec server goes into run mode and you try accessing the admin console for this Medrec server, you may get the following Exception:

```
"<Error> <netuix> <BEA-423341> <An exception was thrown while trying
to map the tag [ lookAndFeel ] : [ java.lang.Throwable ].
```

```
java.lang.Throwable
```

```
        at
com.bea.netuix.nf.factories.TagClassMap$NamespaceTagnameMap.getClass(Ta
gClassMap.java:189)
```

```
        at
com.bea.netuix.nf.factories.TagClassMap.getClass(TagClassMap.java:88)
```

```
        at
com.bea.netuix.nf.factories.ControlTreeFactoryBuilder$CustomDefaultHand
ler.startElement(ControlTreeFactoryBuilder.java:398)
```

```
        at
com.sun.org.apache.xerces.internal.parsers.AbstractSAXParser.startEleme
nt(AbstractSAXParser.java:501)
```

```
at
com.sun.org.apache.xerces.internal.impl.XMLNSDocumentScannerImpl.scanSt
artElement(XMLNSDocumentScannerImpl.java:400)
```

```
Truncated. see log file for complete stacktrace
```

An exception can also be thrown when you try to stop the server. You get an "OutOfMemoryException".

This problem occurs when you have the 64-bit Sun JDK installed.

Workaround:

In the `setDomainEnv.sh` file, increase `MaxPermSize` to 256. With this change, the server can start up and you can access the Admin Console without getting the above exception. The server can also shutdown gracefully.

Issues Related to Oracle Enterprise Linux 4.6 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 Instructions for OEL on AMD64/64-bit Xeon”](#) on page 2-8

- [“Download and Install Instructions for OEL on x86”](#) on page 2-10
- 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 Instructions for OEL on AMD64/64-bit Xeon

1. Download and install the JDK for your environment.
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 Fusion Middleware
Platform	Linux x86
Media Pack	B36233 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Linux x86 (32 bit))

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

Product	Hardware	Platform JVM	Part Number (Description)
WebLogic Server	64-bit Xeon	JRockit (32-bit)	V13616 (Oracle WebLogic Server 10gR3 (10.3) Linux x86)
	64-bit AMD64	Sun JDK (32-bit)	
WebLogic Server	64-bit Xeon	JRockit (64-bit)	V13672 (Oracle WebLogic Server 10gR3 (10.3)“generic”)
	64-bit AMD64	Sun JDK 64-bit	
WebLogic Portal	64-bit Xeon	JRockit (32-bit)	V13807 (Oracle WebLogic Portal 10gR3 (10.3) Linux x86)
	64-bit AMD64		
WebLogic Portal	64-bit Xeon	JRockit (64-bit)	V14087 (Oracle WebLogic Portal 10gR3 (10.3)“generic”)
	64-bit AMD64		

WebLogic Integration	64-bit Xeon	JRokit (32-bit)	V19639-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) for Linux x86
	64-bit AMD64	Sun JDK (32-bit)	V19642-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer for Linux x86
WebLogic Integration	64-bit Xeon	JRokit (64-bit)	V19187-01 (Oracle WebLogic Integration 10gR3 (10.3.1) Generic Installer)
	64-bit AMD64	Sun JDK (64-bit)	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 64-bit Xeon/AMD64 with 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*.
 4. Install instructions for 64-bit Xeon/AMD64 with 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*.

- 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 OEL on x86

- Download and install the JDK for your environment.
- 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 Fusion Middleware
Platform	Linux x86
Media Pack	B36233 (Oracle Application Server 10g Release 3 (10.1.3) Media Pack for Linux x86 (32 bit))

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

Product	Hardware	Platform JVM	Part Number (Description)
WebLogic Server	x86	JRockit (32-bit) Sun JDK (32-bit)	V13616 (Oracle WebLogic Server 10gR3 (10.3) Linux x86)
WebLogic Portal	x86	JRockit (32-bit)	V13807 (Oracle WebLogic Portal 10gR3 (10.3) Linux x86)
WebLogic Integration	x86	JRockit (32-bit) Sun JDK (32-bit)	V19639-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) for Linux x86 V19642-01 Oracle WebLogic Integration 10gR3 MP1 (10.3.1) Upgrade Installer for Linux x86

- Unzip the file.
3. Install instructions for x86 with 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*.
 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 Platform 10.2 on Oracle Enterprise Linux 5.0

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Install Instructions for WebLogic Platform 10.2 MP1](#)
- [Download and Install 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 support and installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#)
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

- [Requirements for Oracle Enterprise Linux 5.0 on x86](#)
- [Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 5.0 on Itanium with 64-bit JDK](#)

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

Table 3-1 Requirements for Oracle Enterprise Linux 5.0 on x86

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	<ul style="list-style-type: none"> • 10.2: JRockit 5.0 (R27.3.1+CR344434) JDK (32-bit) and all later 5.0 releases of JRockit • 10.2 MP1: JRockit 5.0 (R27.6.1) JDK (32-bit) and all later 5.0 releases of JRockit <p>Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuser.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1, 10.0 MP2 • WebLogic Portal 10.2, 10.2 MP1 • WebLogic Integration 10.2, 10.2 MP1 • WebLogic Platform 10.2 MP1 • Workshop for WebLogic 10.2, 10.2 MP1 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.2, 10.2 MP1 (IDE) on Sun Java 2 JDK 5.0: Not supported.

Table 3-2 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<ul style="list-style-type: none"> • 10.2: JRockit 5.0 R27.3.1 JDK (32-bit) and all later 5.0 releases of JRockit • 10.2 MP1: JRockit 5.0 R27.6.1 JDK (32-bit) and all later 5.0 releases of JRockit <p>Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/i686/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1, 10.0 MP2 • WebLogic Portal 10.2, 10.2 MP1 • WebLogic Integration 10.2, 10.2 MP1 • WebLogic Platform 10.2 MP1

Table 3-3 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)

Table 3-3 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK

JDK	<ul style="list-style-type: none"> • 10.2: JRockit 5.0 R27.3.1 JDK (64-bit) and all later 5.0 releases of JRockit • 10.2 MP1: JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit
	Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0 (version 1.5.0_11)
RAM	1 GB minimum
Performance Pack	server/native/linux/x86_64/libmuxer.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1, 10.0 MP2 • WebLogic Portal 10.2, 10.2 MP1 • WebLogic Integration 10.2, 10.2 MP1 • WebLogic Platform 10.2 MP1

Table 3-4 Requirements for Oracle Enterprise Linux 5.0 on Itanium with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • Itanium (1.5 GHz)
JDK	<ul style="list-style-type: none"> • 10.2: JRockit 5.0 R27.3.1 JDK (64-bit) and all later 5.0 releases of JRockit • 10.2 MP1: JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit
RAM	1 GB minimum

Table 3-4 Requirements for Oracle Enterprise Linux 5.0 on Itanium with 64-bit JDK

Performance Pack	<code>server/native/linux/ia64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none">• WebLogic Server 10.0 MP2• WebLogic Portal 10.2 MP1• WebLogic Integration 10.2 MP1• WebLogic Platform 10.2 MP1

Known Issues

- [Serial Version UID Mismatch](#)
- [Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon](#)
- [Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy](#)
- [Issues Related to Other Products](#)

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_10.0/common/bin/commEnv.sh` file to include the following command:

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

Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon

This section describes known issues that occur when you run WebLogic Server 10.2 on Oracle Enterprise Linux 5.0 systems based on the AMD64 and 64-bit Xeon chip architecture.

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.

Exception Encountered on Systems with Mounted NFS File Systems

You might encounter the following exception while installing WebLogic Server and WebLogic Portal on a system that has NFS file systems mounted:

"Caused by: java.lang.IllegalArgumentException: Can not list file system roots on this computer"

Workaround: Ensure that you have at least 600MB of free disk space before installing WebLogic Server and use the `-Dspace.detection=false` flag while installing. For example:

```
java -Dspace.detection=false -jar server100_generic.jar -mode=console
```

Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 10.2*.

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://e-docs.bea.com/wls/docs100/issues/known_resolved.html
WebLogic Portal	<i>WebLogic Portal Release Notes:</i> http://e-docs.bea.com/wlp/docs102/relnotes/index.html
WebLogic Integration	<i>WebLogic Integration Release Notes:</i> http://e-docs.bea.com/wli/docs102/relnotes/index.html
Workshop for WebLogic	<i>Workshop for WebLogic Release Notes:</i> http://e-docs.bea.com/wlw/docs102/relnotes/index.html

Download and Install Instructions for WebLogic Platform 10.2 MP1

- [Download and Install WebLogic Media Pack for Linux x86](#)

- [Download and Install WebLogic Media Pack for Linux x86-64](#)
- [Download and Install WebLogic Media Pack for Linux Itanium](#)

Download and Install WebLogic Media Pack for Linux x86

1. 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	Linux x86
Media Pack	BEA WebLogic Media Pack v4 for Linux x86

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

Product	Part Number (Description)
WebLogic Server	V16486-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0) for Linux x86 (32-bit))
WebLogic Server	V16563-01 (WebLogic Server Process Edition 10.0 Maintenance Pack 2 (10.0.2.0) for Linux x86 (32-bit))
WebLogic Portal	V16565-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
WebLogic Integration	V16564-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
Workshop for WebLogic	V16566-01 (Workshop for WebLogic 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
WebLogic Platform	V16450-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
WebLogic Platform ISV	V16567-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))

2. 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 Linux x86-64

1. Download and install the supported JDK for your environment.
2. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example:


```
export PATH=$JAVA_HOME/bin:$PATH
```
3. 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	Linux x86-64
Media Pack	BEA WebLogic Media Pack v4 for Linux 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))

4. 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.

If your configuration includes the 64-bit version of the JDK, your installation is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

5. Set the BEA_HOME to point to the directory in which WebLogic Server is installed and export BEA_HOME. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

6. In a text editor, open the \$BEA_HOME/wlserver_10.0/common/bin/commEnv.sh and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
```

```
arch='uname -m'
```

```
    if [ "${arch}" = "x86_64" ]; then
```

```
        arch=i686
```

```
    fi
```

Download and Install WebLogic Media Pack for Linux Itanium

1. 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	Linux Itanium
Media Pack	BEA WebLogic Media Pack v4 for Linux Itanium

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

Product	Part Number (Description)
WebLogic Server	V16487-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0) for Linux Itanium)
WebLogic Portal	V16569-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)
WebLogic Integration	V16568-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)
WebLogic Platform	V16454-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)
WebLogic Platform ISV	V16570-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)

2. 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 Instructions for WebLogic Platform 10.2

- [“Oracle Enterprise Linux 5.0 on x86” on page 3-11](#)
- [“Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon” on page 3-12](#)

Oracle Enterprise Linux 5.0 on x86

Complete the following procedure:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Server, Portal and Integration for Oracle Enterprise Linux.

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](#).

Note: The BEA Download Center (i.e. <http://commerce.bea.com>) will be decommissioned on February 2, 2009. After this time, customers will be able to download the BEA software from Oracle's E-delivery portal (<http://edelivery.oracle.com>) or Oracle Technology Network (<http://otn.oracle.com>).

2. Install the product using the [Installation Guide](#).

Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon

To install WebLogic 10.2:

1. Download and install the supported JDK for your environment.
2. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Server, Portal, and Integration for Oracle Enterprise Linux.

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](#).

Note: The BEA Download Center (i.e. <http://commerce.bea.com>) will be decommissioned on February 2, 2009. After this time, customers will be able to download the BEA software from Oracle's E-delivery portal (<http://edelivery.oracle.com>) or Oracle Technology Network (<http://otn.oracle.com>).

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

If your configuration includes the 64-bit version of your JDK, your installation is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

4. Set the `BEA_HOME` to point to the directory in which WebLogic Server is installed and export `BEA_HOME`. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

5. In a text editor, open the `$BEA_HOME/wlserver_10.0/common/bin/commEnv.sh` and search for the following case statement:

```
LINUX|Linux)
  arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
arch='uname -m'
  if [ "${arch}" = "x86_64" ]; then
    arch=i686
  fi
```


WebLogic Platform 10.2 on Oracle Enterprise Linux 4.0

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Install Instructions for WebLogic Platform 10.2 MP1](#)
- [Download and Install 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 support and installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#)
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

- [Requirements for Oracle Enterprise Linux 4.0 on x86](#)
- [Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 4.0 on Itanium with 64-bit JDK](#)

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

Table 4-1 Requirements for Oracle Enterprise Linux 4.0 on x86

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp, and glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	<ul style="list-style-type: none"> • 10.2: JRockit 5.0 (R27.3.1+CR344434) JDK (32-bit) and all later 5.0 releases of JRockit • 10.2 MP1: JRockit 5.0 (R27.6.1) JDK (32-bit) and all later 5.0 releases of JRockit <p>Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuxer.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1, 10.0 MP2 • WebLogic Portal 10.2, 10.2 MP1 • WebLogic Integration 10.2, 10.2 MP1 • WebLogic Platform 10.2 MP1 • Workshop for WebLogic 10.2, 10.2 MP1 (Runtime)
Design and Development Tools	Workshop for WebLogic 10.2, 10.2 MP1 (IDE) on Sun Java 2 JDK 5.0: Supported.

Table 4-2 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<ul style="list-style-type: none"> • 10.2: JRockit 5.0 R27.3.1 JDK (32-bit) and all later 5.0 releases of JRockit • 10.2 MP1: JRockit 5.0 R27.6.1 JDK (32-bit) and all later 5.0 releases of JRockit <p>Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum
Performance Pack	server/native/linux/i686/libmuser.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1, 10.0 MP2 • WebLogic Portal 10.2, 10.2 MP1 • WebLogic Integration 10.2, 10.2 MP1 • WebLogic Platform 10.2 MP1

Table 4-3 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)

Table 4-3 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK

JDK	<ul style="list-style-type: none"> JRockit 5.0 R27.3.1 JDK (64-bit) and all later 5.0 releases of JRockit JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit <hr/> Sun Java JDK 5.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0 (version 1.5.0_11)
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/x86_64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> WebLogic Server 10.0 MP1, 10.0 MP2 WebLogic Portal 10.2, 10.2 MP1 WebLogic Integration 10.2, 10.2 MP1 WebLogic Platform 10.2 MP1

Table 4-4 Requirements for Oracle Enterprise Linux 4.0 on Itanium with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> Itanium (1.5 GHz)
JDK	<ul style="list-style-type: none"> JRockit 5.0 R27.3.1 JDK (64-bit) and all later 5.0 releases of JRockit JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/ia64/libmuxer.so</code>
Product Support	<ul style="list-style-type: none"> WebLogic Server 10.0 MP2 WebLogic Portal 10.2 MP1 WebLogic Integration 10.2 MP1 WebLogic Platform 10.2 MP1

Known Issues

- [Serial Version UID Mismatch](#)
- [Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon](#)
- [Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy](#)
- [Issues Related to Other Products](#)

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_10.0/common/bin/commEnv.sh` file to include the following command:

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

Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon

This section describes known issues that occur when you run WebLogic Server 10.2 on Oracle Enterprise Linux 5.0 systems based on the AMD64 and 64-bit Xeon chip architecture.

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.

Exception Encountered on Systems with Mounted NFS File Systems

You might encounter the following exception while installing WebLogic Server and WebLogic Portal on a system that has NFS file systems mounted:

```
"Caused by: java.lang.IllegalArgumentException: Can not list file system roots on this computer"
```

Workaround: Ensure that you have at least 600MB of free disk space before installing WebLogic Server and use the `-Dspace.detection=false` flag while installing. For example:

```
java -Dspace.detection=false -jar server100_generic.jar -mode=console
```

Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon when Using Remote Autonomy

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 10.2*.

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://e-docs.bea.com/wls/docs100/issues/known_resolved.html
WebLogic Portal	<i>WebLogic Portal Release Notes:</i> http://e-docs.bea.com/wlp/docs102/relnotes/index.html
WebLogic Integration	<i>WebLogic Integration Release Notes:</i> http://e-docs.bea.com/wli/docs102/relnotes/index.html
Workshop for WebLogic	<i>Workshop for WebLogic Release Notes:</i> http://e-docs.bea.com/wlw/docs102/relnotes/index.html

Download and Install Instructions for WebLogic Platform 10.2 MP1

- [Download and Install WebLogic Media Pack for Linux x86](#)

- [Download and Install WebLogic Media Pack for Linux x86-64](#)
- [Download and Install WebLogic Media Pack for Linux Itanium](#)

Download and Install WebLogic Media Pack for Linux x86

1. 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	Linux x86
Media Pack	BEA WebLogic Media Pack v4 for Linux x86

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

Product	Part Number (Description)
WebLogic Server	V16486-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0) for Linux x86 (32-bit))
WebLogic Server	V16563-01 (WebLogic Server Process Edition 10.0 Maintenance Pack 2 (10.0.2.0) for Linux x86 (32-bit))
WebLogic Portal	V16565-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
WebLogic Integration	V16564-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
Workshop for WebLogic	V16566-01 (Workshop for WebLogic 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
WebLogic Platform	V16450-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))
WebLogic Platform ISV	V16567-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0) for Linux x86 (32-bit))

2. 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 Linux x86-64

1. Download and install the supported JDK for your environment.
2. Make sure that your `PATH` variable includes `$JAVA_HOME/bin`. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```
3. 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	Linux x86-64
Media Pack	BEA WebLogic Media Pack v4 for Linux 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))

4. 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`.

If your configuration includes the 64-bit version of the JDK, your installation is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

5. Set the `BEA_HOME` to point to the directory in which WebLogic Server is installed and export `BEA_HOME`. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

6. In a text editor, open the `$BEA_HOME/wlserver_10.0/common/bin/commEnv.sh` and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
```

```
arch='uname -m'
```

```
    if [ "${arch}" = "x86_64" ]; then
```

```
        arch=i686
```

```
    fi
```

Download and Install WebLogic Media Pack for Linux Itanium

1. 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	Linux Itanium
Media Pack	BEA WebLogic Media Pack v4 for Linux Itanium

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

Product	Part Number (Description)
WebLogic Server	V16487-01 (WebLogic Server 10.0 Maintenance Pack 2 (10.0.2.0) for Linux Itanium)
WebLogic Portal	V16569-01 (WebLogic Portal 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)
WebLogic Integration	V16568-01 (WebLogic Integration 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)
WebLogic Platform	V16454-01 (WebLogic Platform 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)
WebLogic Platform ISV	V16570-01 (WebLogic Platform ISV 10.2 Maintenance Pack 1 (10.2.1.0) for Linux Itanium)

2. 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 Instructions for WebLogic Platform 10.2

- [“Oracle Enterprise Linux 4.0 on x86” on page 4-10](#)
- [“Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon” on page 4-11](#)

Oracle Enterprise Linux 4.0 on x86

Complete the following procedure:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic components for Oracle Enterprise Linux.

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 product using the [Installation Guide](#).

Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon

To install WebLogic 10.2:

1. Download and install the supported JDK for your environment.
2. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic components for Oracle Enterprise Linux.

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](#).

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

If your configuration includes the 64-bit version of your JDK, your installation is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

4. Set the `BEA_HOME` to point to the directory in which WebLogic Server is installed and export `BEA_HOME`. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

5. In a text editor, open the `$BEA_HOME/wlserver_10.0/common/bin/commEnv.sh` and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
```

```
arch='uname -m'
```

```
if [ "${arch}" = "x86_64" ]; then
```

```
    arch=i686
```

```
fi
```


WebLogic Server 10.0 on Oracle Enterprise Linux 5.0

This section provides the following information:

- [Configuration Requirements](#)
- [Known Issues](#)
- [Download and Installation Instructions](#) [Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium](#)

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 support and installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#)
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

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

- [“Requirements for Oracle Enterprise Linux 5.0 on x86” on page 5-2](#)
- [“Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK” on page 5-3](#)
- [“Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK” on page 5-3](#)

Table 5-1 Requirements for Oracle Enterprise Linux 5.0 on x86

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	<p>10.0 MP1: JRockit 5.0 R27.3.1 JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>10.0 MP2: JRockit 5.0 R27.6.1 JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>10.0 MP1: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p> <p>10.0 MP2: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuxer.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 (includes MP1, MP2) • Workshop for WebLogic 10.0 (includes MP1) (Runtime) • Workshop 10.1 (Runtime)

Table 5-2 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<p>10.0 MP1: JRockit 5.0 R27.3.1 JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>10.0 MP2: JRockit 5.0 R27.6.1 JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>10.0 MP1: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p> <p>10.0 MP2: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/i686/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 (includes MP1, MP2) • Workshop for WebLogic 10.0 (includes MP1) (Runtime)

Table 5-3 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)

Table 5-3 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK

JDK	10.0 MP1: JRockit 5.0 R27.3.1 JDK (64-bit) and all later 5.0 releases of JRockit
	10.0 MP2: JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit
	10.0 MP1: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0 (version 1.5.0_11)
	10.0 MP2: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0 (version 1.5.0_11)
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/x86_64/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 (includes MP1, MP2) • Workshop for WebLogic 10.0 (includes MP1) (Runtime)

Table 5-4 Requirements for Oracle Enterprise Linux 5.0 on Itanium with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux 5.0 (Carthage) Kernel 2.6.18-8.el5, and glibc 2.5-12 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • Itanium (1.5 GHz)
JDK	10.0 MP2: JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/ia64/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP2

Known Issues

- [Serial Version UID Mismatch](#)
- [Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon](#)
- [Issues Related to Other Products](#)

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_10.0/common/bin/commEnv.sh` file to include the following command:

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

Issues Related to Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon

This section describes known issues that occur when you run WebLogic Server 10.0 on Oracle Enterprise Linux 5.0 systems based on the AMD64 and 64-bit Xeon chip architecture.

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.

Exception Encountered on Systems with Mounted NFS File Systems

You might encounter the following exception while installing WebLogic Server and WebLogic Portal on a system that has NFS file systems mounted:

```
"Caused by: java.lang.IllegalArgumentException: Can not list file system  
roots on this computer"
```

Workaround: Ensure that you have at least 600MB of free disk space before installing WebLogic Server and use the `-Dspace.detection=false` flag while installing. For example:

```
java -Dspace.detection=false -jar server100_generic.jar -mode=console
```

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://e-docs.bea.com/wls/docs100/issues/known_resolved.html
Installation and Configuration	<i>Products Installation and Configuration Release Notes:</i> http://e-docs.bea.com/common/docs100/relnotes/relnotes.html
Workshop for WebLogic	<i>Workshop for WebLogic Release Notes:</i> http://e-docs.bea.com/wlw/docs100/relnotes/index.html
Workshop for WebLogic 10.1	<i>Workshop for WebLogic 10.1 Release Notes:</i> http://e-docs.bea.com/wlw/docs101/relnotes/index.html

Download and Installation Instructions

- “Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on x86” on page 5-6
- “Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64” on page 5-7
- “Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium” on page 5-9

Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on x86

To install WebLogic Server 10.0 on Oracle Enterprise Linux on x86, complete the following procedure:

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 “Linux x86”.
 - c. Select media pack “BEA WebLogic Media for Linux x86”.
 - d. 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..

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 Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64

To install WebLogic Server 10.0 on Oracle Enterprise Linux for 64-bit Xeon and AMD64, complete the following procedure:

1. Download the supported JDK for your environment.

For Oracle JRockit downloads, go to [Oracle E-Delivery](#) or [Oracle Technology Network](#). For additional information on JRockit, refer to [JRockit FAQ](#).

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/java5/
```

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

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

2. Download and install WebLogic Server 10.0 on Oracle Enterprise Linux by following the steps in [Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium](#).

Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64

To install WebLogic Server on OEL 5.0

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 “Linux x86-64”.
- Select media pack “BEA WebLogic Media for Linux 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.

If your configuration includes the 64-bit version of JDK, your installation of WebLogic Server is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

3. Set the BEA_HOME to point to the directory in which WebLogic Server is installed and export BEA_HOME. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

4. In a text editor, open the \$BEA_HOME/wlserver_10.0/common/bin/commEnv.sh and search for the following case statement:

```
LINUX|Linux)
arch='uname -m'
```

Replace with the following:

```

LINUX|Linux)
arch='uname -m'
  if [ "${arch}" = "x86_64" ]; then
    arch=i686
  fi

```

Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium

To install WebLogic Server 10.0 on Oracle Enterprise Linux, complete the steps in [Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium](#).

Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 5.0 on Itanium

To install WebLogic Server on Oracle Enterprise Linux 5.0 for Itanium:

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 “Linux Itanium”.
- Select media pack “BEA WebLogic Media for Linux Itanium>”
- 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.

WebLogic Server 10.0 on Oracle Enterprise Linux 5.0

WebLogic Server 10.0 on Oracle Enterprise Linux 4.0

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 10.0](#)
- For support and installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#)
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

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

- [Requirements for Oracle Enterprise Linux 4.0 on x86](#)
- [Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK](#)

Table 6-1 Requirements for Oracle Enterprise Linux 4.0 on x86

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp, and glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	<p>10.0 MP1: JRockit 5.0 (R27.3.1) JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>10.0 MP2: JRockit 5.0 (R27.6.1) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>10.0 MP1: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p> <p>10.0 MP2: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuxer.so
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 (includes MP1, MP2) • Workshop for WebLogic 10.0 (includes MP1) (Runtime) • Workshop 10.1 (Runtime)

Table 6-2 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<p>10.0 MP1: JRockit 5.0 (R27.3.1) JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>10.0 MP2: JRockit 5.0 (R27.6.1) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>10.0 MP1: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p> <p>10.0 MP2: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0 (version 1.5.0_11)</p>
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/i686/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 (includes MP1, MP2) • Workshop for WebLogic 10.0 (includes MP1) (Runtime)

Table 6-3 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)

Table 6-3 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK

JDK	10.0 MP1: JRockit 5.0 (R27.3.1) JDK (64-bit) and all later 5.0 releases of JRockit
	10.0 MP2: JRockit 5.0 (R27.6.1) JDK (64-bit) and all later 5.0 releases of JRockit
	10.0 MP1: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0 (version 1.5.0_11)
	10.0 MP2: Sun Java 2 JDK 5.0 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0 (version 1.5.0_11)
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/x86_64/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 (includes MP1, MP2) • Workshop for WebLogic 10.0 (includes MP1) (Runtime)

Table 6-4 Requirements for Oracle Enterprise Linux 4.0 on Itanium with 64-bit JDK

Operating System Version and Patches	Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • Itanium (1.5 GHz)
JDK	JRockit 5.0 R27.6.1 JDK (64-bit) and all later 5.0 releases of JRockit
RAM	1 GB minimum
Performance Pack	<code>server/native/linux/ia64/libmuser.so</code>
Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP2

Known Issues

- [“Serial Version UID Mismatch” on page 6-5](#)
- [“Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon” on page 6-5](#)
- [“Issues Related to Other Products” on page 6-6](#)

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_10.0/common/bin/commEnv.sh` file to include the following command:

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

Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon

This section describes known issues that occur when you run WebLogic Server 10.0 on Oracle Enterprise Linux 4.0 systems based on the AMD64 and 64-bit Xeon chip architecture.

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.

Exception Encountered on Systems with Mounted NFS File Systems

You might encounter the following exception while installing WebLogic Server and WebLogic Portal on a system that has NFS file systems mounted:

```
"Caused by: java.lang.IllegalArgumentException: Can not list file system
roots on this computer"
```

Workaround: Ensure that you have at least 600MB of free disk space before installing WebLogic Server and use the `-Dspace.detection=false` flag while installing. For example:

```
java -Dspace.detection=false -jar server100_generic.jar -mode=console
```

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://e-docs.bea.com/wls/docs100/issues/known_resolved.html
Installation and Configuration	<i>Products Installation and Configuration Release Notes:</i> http://e-docs.bea.com/common/docs100/relnotes/relnotes.html
Workshop for WebLogic	<i>Workshop for WebLogic Release Notes:</i> http://e-docs.bea.com/wlw/docs100/relnotes/index.html
Workshop for WebLogic 10.1	<i>Workshop for WebLogic 10.1 Release Notes:</i> http://e-docs.bea.com/wlw/docs101/relnotes/index.html

Download and Install Instructions

- “Download and Install Instructions for WebLogic Server 10.0 and later MPs on Oracle Enterprise Linux 4.0 on x86” on page 6-6
- “Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64” on page 6-7
- “Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on Itanium” on page 6-9

Download and Install Instructions for WebLogic Server 10.0 and later MPs on Oracle Enterprise Linux 4.0 on x86

To install WebLogic Server 10.0 on Oracle Enterprise Linux on x86, complete the following procedure:

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 “Linux x86”.
 - c. Select media pack “BEA WebLogic Media for Linux x86”.
 - d. 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..

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 Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64

To install WebLogic Server 10.0 on Oracle Enterprise Linux for 64-bit Xeon and AMD64, complete the following procedure:

1. Download the supported JDK for your environment.

For Oracle JRockit downloads, go to [Oracle E-Delivery](#) or [Oracle Technology Network](#). For additional information on JRockit, refer to [JRockit FAQ](#).

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/java5/
```

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

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

2. Download and install WebLogic Server 10.0 on Oracle Enterprise Linux by following the steps in [Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64](#).

Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64

To install WebLogic Server on OEL 4.0

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 “Linux x86-64”.
- Select media pack “BEA WebLogic Media for Linux 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.

If your configuration includes the 64-bit version of JDK, your installation of WebLogic Server is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

3. Set the BEA_HOME to point to the directory in which WebLogic Server is installed and export BEA_HOME. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

4. In a text editor, open the \$BEA_HOME/wlserver_10.0/common/bin/commEnv.sh and search for the following case statement:

```
LINUX|Linux)
arch='uname -m'
```

Replace with the following:

```

LINUX|Linux)
arch='uname -m'
  if [ "${arch}" = "x86_64" ]; then
    arch=i686
  fi

```

Download and Install Instructions for WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on Itanium

To install WebLogic Server 10.0 on Oracle Enterprise Linux, complete the steps in [Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on Itanium](#).

Download and Install WebLogic Server 10.0 and Later MPs on Oracle Enterprise Linux 4.0 on Itanium

To install WebLogic Server on Oracle Enterprise Linux 4.0 for Itanium:

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 “Linux Itanium”.
- Select media pack “BEA WebLogic Media for Linux Itanium>”
- 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.

WebLogic Server 10.0 on Oracle Enterprise Linux 4.0

WebLogic Platform 9.2 on Oracle Enterprise Linux 5.0

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 9.2](#)
- For support and installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#)
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

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

- [Requirements for Oracle Enterprise Linux 5.0 on x86](#)
- [Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK](#)
- [Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK](#)

Table 7-1 Requirements for Oracle Enterprise Linux 5.0 on x86

Operating System Version and Patches	<p>WebLogic 9.2 MP3</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux Server release 5 (Carthage) Kernel 2.6.18-8.el5, and glibc-2.5-12 and later updates and errata levels <p>WebLogic 9.2 MP4</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux 5 UL3+
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	<p>9.2 MP3: JRockit 5.0 (R27.4) JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>9.2 MP4: JRockit 5.0 (R27.6.6+) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>9.2 MP3: Sun Java 2 JDK 5.0 Update 12 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</p> <p>9.2 MP4: Sun 1.5.0_22+ JDK with the Java HotSpot™ Client and Server VMs (32-bit)</p>
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuser.so

Table 7-1 Requirements for Oracle Enterprise Linux 5.0 on x86

Product Support	<ul style="list-style-type: none"> • WebLogic Server 9.2 MP3, 9.2 MP4 • WebLogic Portal 9.2 MP3 • WebLogic Integration 9.2 MP3
Design and Development Tools	<ul style="list-style-type: none"> • Workshop for WebLogic Platform 9.2 MP3 (IDE) : Not supported. • WebLogic Integration IDE for WebLogic Platform 9.2 MP3: Not Supported

Table 7-2 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	<p>WebLogic 9.2 MP3</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux Server release 5 (Carthage) Kernel 2.6.18-8.el5 on x86_64 glibc-2.5-12 and later updates and errata levels <p>WebLogic Server 9.2 MP4</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux 5 UL3+
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<p>9.2 MP3: JRockit 5.0 (R27.4) JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>9.2 MP4: JRockit 5.0 (R27.6.6+) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>9.2 MP3: Sun Java 2 JDK 5.0 Update 12 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</p> <p>9.2 MP4: Sun 1.5.0_22+ JDK with the Java HotSpot™ Client and Server VMs (32-bit)</p>
RAM	1 GB minimum
Performance Pack	server/native/linux/i686/libmuxer.so

Table 7-2 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Product Support	<ul style="list-style-type: none"> • WebLogic Server 9.2 MP3, 9.2 MP4 • WebLogic Portal 9.2 MP3 • WebLogic Integration 9.2 MP3
Design and Development Tools	<ul style="list-style-type: none"> • Workshop for WebLogic Platform 9.2 (IDE) and later MPs: Not supported • WebLogic Integration IDE for WebLogic Platform 9.2 and later MPs: Not Supported

Table 7-3 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	<p>WebLogic 9.2 MP3</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux Server release 5 (Carthage) Kernel 2.6.18-8.el5 on x86_64 glibc-2.5-12 and later updates and errata levels <p>WebLogic Server 9.2 MP4</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux 5 UL3+
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<p>9.2 MP3: JRockit 5.0 (R27.4) JDK (64-bit) and all later 5.0 releases of JRockit</p> <p>9.2 MP4: JRockit 5.0 (R27.6.6+) JDK (64-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>9.2 MP3: Sun Java 2 JDK 5.0 Update 12 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</p> <p>9.2 MP4: Sun 1.5.0_22+ JDK with the Java HotSpot™ Client and Server VMs (64-bit)</p>
RAM	1 GB minimum
Performance Pack	server/native/linux/x86_64/libmuxer.so

Table 7-3 Requirements for Oracle Enterprise Linux 5.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Product Support	<ul style="list-style-type: none"> • WebLogic Server 9.2 MP3, 9.2 MP4 • WebLogic Portal 9.2 MP3 • WebLogic Integration 9.2 MP3
Design and Development Tools	<ul style="list-style-type: none"> • Workshop for WebLogic Platform 9.2 (IDE) and later MPs: Not supported • WebLogic Integration IDE for WebLogic Platform 9.2 and later MPs: Not Supported

Known Issues

- [Serial Version UID Mismatch](#)
- [Issues Related to Oracle Enterprise Linux 5.0 on AMD64, 64-bit Xeon when Using Remote Autonomy](#)
- [Issues Related to Other Products](#)

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>/Weblogic92/common/bin/commEnv.sh` file to include the following command:

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

Issues Related to Oracle Enterprise Linux 5.0 on AMD64, 64-bit Xeon when Using Remote Autonomy

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 9.2*.

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>Oracle WebLogic Server Release Notes, Release 9.2 MP4 (9.2.4):</i> Refer to Document ID 1125333.1 at https://support.oracle.com <i>Oracle WebLogic Server 9.2 Known and Resolved Issues:</i> http://edocs.bea.com/wls/docs92/issues/known_resolved.html
Installation and Configuration	<i>Products Installation and Configuration Release Notes:</i> http://e-docs.bea.com/common/docs92/relnotes/relnotes.html
WebLogic Portal	<i>WebLogic Portal 9.2 Release Notes:</i> http://e-docs.bea.com/wlp/docs92/relnotes/index.html
Workshop for WebLogic Platform	<i>Workshop Product Family Release Notes:</i> http://e-docs/workshop/docs92/relnotes/index.html
WebLogic Integration	<i>WebLogic Integration 9.2 Release Notes:</i> http://e-docs.bea.com/wli/docs92/relnotes/index.html

Download and Install Instructions

- “Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0” on page 7-7
- “Download and Install WebLogic Platform 9.2 Maintenance Packs for Oracle Enterprise Linux 5.0 on x86” on page 7-8
- “Download WebLogic Platform 9.2 Maintenance Packs for Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64” on page 7-8

Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0

Complete the following procedure to install WebLogic Server:

1. Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 9.2 Maintenance Packs:
 - a. Select Product Pack “Oracle BEA”.
 - b. Select the operating system.
 - c. Select the appropriate media pack for the BEA WebLogic product that you want to download. For example, if you want to download WebLogic Server for Microsoft Windows (32-bit), select the media pack “BEA WebLogic Media Pack for Microsoft Windows (32-bit)”.
 - d. Select the part number for the WebLogic Server 9.2 Maintenance Pack and download the zip file. For example, select the part number corresponding to the description “WebLogic Server 9.2 MP4 for Microsoft Windows (32-bit)” and download the zip file.
 - e. Extract files from the downloaded zip file.

Note: For important information about how to download BEA products refer to *BEA Product Download Changes* (Document ID **762254.1** and **763603.1**) at <https://support.oracle.com/>.

2. Install WebLogic Server using the instructions in <http://e-docs.bea.com/common/docs92/install/start.html>. This section describes the process of installing .jar files in the Graphical mode.
3. Set the BEA_HOME to point to the directory in which WebLogic Server is installed and export BEA_HOME. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

For more information on installing WebLogic Server, refer to the *Installation Guide*: <http://e-docs.bea.com/common/docs92/install/index.html>.

If your configuration includes the 32-bit JDK, your installation is now complete. If your configuration includes the 64-bit JDK, however, you must also complete the following steps:

4. In a text editor, open the `$BEA_HOME/weblogic92/common/bin/commEnv.sh` and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
arch='uname -m'
    if [ "${arch}" = "x86_64" ]; then
        arch=i686
    fi
```

Download and Install WebLogic Platform 9.2 Maintenance Packs for Oracle Enterprise Linux 5.0 on x86

Complete the following procedure:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Platform for Oracle Enterprise Linux.

Note: For important information about how to download BEA products refer to *BEA Product Download Changes* (Document ID **762254.1** and **763603.1**) at <https://support.oracle.com/>.

Note: The BEA Download Center (i.e. <http://commerce.bea.com>) will be decommissioned on February 2, 2009. After this time, customers will be able to download the BEA software from Oracle's E-delivery portal (<http://edelivery.oracle.com>) or Oracle Technology Network (<http://otn.oracle.com>).

2. Install the product using the *Installation Guide*.

Download WebLogic Platform 9.2 Maintenance Packs for Oracle Enterprise Linux 5.0 on 64-bit Xeon and AMD64

To install WebLogic Platform 9.2 Maintenance Packs on OEL 5.0

1. Download and install the supported JDK for your environment.
2. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Platform for Oracle Enterprise Linux.

Note: For important information on how to download BEA products refer to Oracle Support Note 762254.1 and Oracle Support Note 763603.1 at <http://support.oracle.com>.

Note: The BEA Download Center (i.e. <http://commerce.bea.com>) will be decommissioned on February 2, 2009. After this time, customers will be able to download the BEA software from Oracle's E-delivery portal (<http://edelivery.oracle.com>) or Oracle Technology Network (<http://otn.oracle.com>).

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

If your configuration includes the 64-bit version of your JDK, your installation of WebLogic Server is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

4. Set the `BEA_HOME` to point to the directory in which WebLogic Server is installed and export `BEA_HOME`. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

5. In a text editor, open the `$BEA_HOME/weblogic92/common/bin/commEnv.sh` and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
```

```
arch='uname -m'
```

```
    if [ "${arch}" = "x86_64" ]; then
```

```
        arch=i686
```

```
    fi
```


WebLogic Platform 9.2 on Oracle Enterprise Linux 4.0

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 9.2
- For support and installation information for JRockit:
 - For support information, see [Welcome to JRockit](#)
 - For download information, see [Oracle E-Delivery](#)
- For information about Oracle Enterprise Linux, see the following Oracle Web site:
<http://www.oracle.com>
- For support and download information for supported Sun JDKs, see
<http://java.sun.com>.

Configuration Requirements

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

- [“Requirements for Oracle Enterprise Linux 4.0 on x86” on page 8-2](#)
- [“Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK” on page 8-3](#)
- [“Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK” on page 8-4](#)

Table 8-1 Requirements for Oracle Enterprise Linux 4.0 on x86

Operating System Version and Patches	<p>WebLogic 9.2 MP3</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.1.ELsmp, and glibc-2.3.4-2.39 and later updates and errata levels <p>WebLogic 9.2 MP4</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux 4 UL7+
Chip Architecture and Minimum Processor Speed	x86 (400 MHz)
JDK	<p>9.2 MP3: JRockit 5.0 (R27.4) JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>9.2 MP4: JRockit 5.0 (R27.6.6+) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>9.2 MP3: Sun Java 2 JDK 5.0 Update 12 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</p> <p>9.2 MP4: Sun 1.5.0_22+ JDK with the Java HotSpot™ Client and Server VMs (32-bit)</p>
RAM	1 GB minimum, 2 GB recommended
Performance Pack	server/native/linux/i686/libmuser.so

Table 8-1 Requirements for Oracle Enterprise Linux 4.0 on x86

Product Support	<ul style="list-style-type: none"> • WebLogic Server 9.2 MP3, 9.2 MP4 • WebLogic Portal 9.2 MP3 • WebLogic Integration 9.2 MP3
Design and Development Tools	<ul style="list-style-type: none"> • Workshop for WebLogic Platform 9.2 (IDE): Not supported. • WebLogic Integration IDE for WebLogic Platform 9.2: Not Supported

Table 8-2 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Operating System Version and Patches	<p>WebLogic 9.2 MP3</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels <p>WebLogic 9.2 MP4</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux 4 UL7+
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<p>9.2 MP3: JRockit 5.0 (R27.4) JDK (32-bit) and all later 5.0 releases of JRockit</p> <p>9.2 MP4: JRockit 5.0 (R27.6.6+) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>9.2 MP3: Sun Java 2 JDK 5.0 Update 12 with the Java HotSpot™ Client and Server VMs (32-bit) and all later service packs of 5.0</p> <p>9.2 MP4: Sun 1.5.0_22+ JDK with the Java HotSpot™ Client and Server VMs (32-bit)</p>
RAM	1 GB minimum
Performance Pack	server/native/linux/i686/libmuxer.so

Table 8-2 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 32-bit JDK

Product Support	<ul style="list-style-type: none"> • WebLogic Server 9.2 MP3, 9.2 MP4 • WebLogic Portal 9.2 MP3 • WebLogic Integration 9.2 MP3
Design and Development Tools	<ul style="list-style-type: none"> • Workshop for WebLogic Platform 9.2 (IDE): Not supported • WebLogic Integration IDE for WebLogic Platform 9.2: Not Supported

Table 8-3 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Operating System Version and Patches	<p>WebLogic 9.2 MP3</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux AS release 4 (October Update 6) Kernel 2.6.9-67.0.0.0.1.ELsmp on x86_64 glibc-2.3.4-2.39 and later updates and errata levels <p>WebLogic 9.2 MP4</p> <ul style="list-style-type: none"> • Oracle Enterprise Linux 4 UL7+
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.201 GHz) • 64-bit Xeon (1.201 GHz)
JDK	<p>9.2 MP3: JRockit 5.0 (R27.4) JDK (64-bit) and all later 5.0 releases of JRockit</p> <p>9.2 MP4: JRockit 5.0 (R27.6.6+) JDK (32-bit) and all later 5.0 releases of JRockit</p> <hr/> <p>9.2 MP3: Sun Java 2 JDK 5.0 Update 12 with the Java HotSpot™ Client and Server VMs (64-bit) and all later service packs of 5.0</p> <p>9.2 MP4: Sun 1.5.0_22+ JDK with the Java HotSpot™ Client and Server VMs (64-bit)</p>
RAM	1 GB minimum
Performance Pack	server/native/linux/x86_64/libmuxer.so

Table 8-3 Requirements for Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon with 64-bit JDK

Product Support	<ul style="list-style-type: none">• WebLogic Server 9.2 MP3, 9.2 MP4• WebLogic Portal 9.2 MP3• WebLogic Integration 9.2 MP3
Design and Development Tools	<ul style="list-style-type: none">• Workshop for WebLogic Platform 9.2 (IDE): Not supported• WebLogic Integration IDE for WebLogic Platform 9.2: Not Supported

Known Issues

- [Serial Version UID Mismatch](#)
- [Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon](#)
- [Issues Related to Oracle Enterprise Linux 4.0 on AMD64, 64-bit Xeon when Using Remote Autonomy](#)
- [Issues Related to Other Products](#)

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>/Weblogic92/common/bin/commEnv.sh` file to include the following command:

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

Issues Related to Oracle Enterprise Linux 4.0 on AMD64 and 64-bit Xeon

This section describes known issues that occur when you run WebLogic Server 9.2 and later MPs on Oracle Enterprise Linux 4.0 systems based on the AMD64 and 64-bit Xeon chip architecture.

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.

Exception Encountered on Systems with Mounted NFS File Systems

You might encounter the following exception while installing WebLogic Server and WebLogic Portal on a system that has NFS file systems mounted:

"Caused by: java.lang.IllegalArgumentException: Can not list file system roots on this computer"

Workaround: Ensure that you have at least 600MB of free disk space before installing WebLogic Server and use the `-Dspace.detection=false` flag while installing. For example:

```
java -Dspace.detection=false -jar server920_generic.jar -mode=console
```

Issues Related to Oracle Enterprise Linux 4.0 on AMD64, 64-bit Xeon when Using Remote Autonomy

See [Using a Remote Autonomy Installation](#) in *Supported Configurations for WebLogic Platform 9.2*.

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	<p><i>Oracle WebLogic Server Release Notes, Release 9.2 MP4 (9.2.4):</i> Refer to Document ID 1125333.1 at https://support.oracle.com <i>Oracle WebLogic Server 9.2 Known and Resolved Issues:</i> http://edocs.bea.com/wls/docs92/issues/known_resolved.html</p>
Installation and Configuration	<p><i>Products Installation and Configuration Release Notes:</i> http://e-docs.bea.com/common/docs92/relnotes/relnotes.html</p>
WebLogic Portal	<p><i>WebLogic Portal 9.2 Release Notes:</i> http://e-docs.bea.com/wlp/docs92/relnotes/index.html</p>
Workshop for WebLogic Platform	<p><i>Workshop Product Family Release Notes:</i> http://e-docs/workshop/docs92/relnotes/index.html</p>
WebLogic Integration	<p><i>WebLogic Integration 9.2 Release Notes:</i> http://e-docs.bea.com/wli/docs92/relnotes/index.html</p>

Download and Install Instructions

- [Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0](#)
- “[Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0](#)” on page 8-8
- “[Download and Install WebLogic Platform for Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64](#)” on page 8-10

Downloading and Installing WebLogic Server 9.2 Maintenance Packs on Oracle Enterprise Linux 4.0

Complete the following procedure to install WebLogic Server:

1. Go to [Oracle E-Delivery](#) and use the following information to download WebLogic Server 9.2 Maintenance Packs:
 - a. Select Product Pack “Oracle BEA”.
 - b. Select the operating system.
 - c. Select the appropriate media pack for the BEA WebLogic product that you want to download. For example, if you want to download WebLogic Server for Microsoft Windows (32-bit), select the media pack “BEA WebLogic Media Pack for Microsoft Windows (32-bit)”.
 - d. Select the part number for the WebLogic Server 9.2 Maintenance Pack and download the zip file. For example, select the part number corresponding to the description “WebLogic Server 9.2 MP4 for Microsoft Windows (32-bit)” and download the zip file.
 - e. Extract files from the downloaded zip file.

Note: For important information about how to download BEA products refer to *BEA Product Download Changes* (Document ID **762254.1** and **763603.1**) at <https://support.oracle.com/>.
2. Install WebLogic Server using the instructions in <http://e-docs.bea.com/common/docs92/install/start.html>. This section describes the process of installing .jar files in the Graphical mode.
3. Set the BEA_HOME to point to the directory in which WebLogic Server is installed and export BEA_HOME. For example:


```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

For more information on installing WebLogic Server, refer to the *Installation Guide*: <http://e-docs.bea.com/common/docs92/install/index.html>.

If your configuration includes the 32-bit JDK, your installation is now complete. If your configuration includes the 64-bit JDK, however, you must also complete the following steps:

4. In a text editor, open the `$BEA_HOME/weblogic92/common/bin/commEnv.sh` and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
```

```
arch='uname -m'
```

```
    if [ "${arch}" = "x86_64" ]; then
```

```
        arch=i686
```

```
    fi
```

Download and Install WebLogic Platform 9.2 for Oracle Enterprise Linux 4.0 on x86

Complete the following procedure:

1. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Platform for Oracle Enterprise Linux.

Note: For important information about how to download BEA products refer to *BEA Product Download Changes* (Document ID **762254.1** and **763603.1**) at <https://support.oracle.com/>.

Note: The BEA Download Center (i.e. <http://commerce.bea.com>) will be decommissioned on February 2, 2009. After this time, customers will be able to download the BEA software from Oracle's E-delivery portal (<http://edelivery.oracle.com>) or Oracle Technology Network (<http://otn.oracle.com>).

2. Install the product using the *Installation Guide*.

Download and Install WebLogic Platform for Oracle Enterprise Linux 4.0 on 64-bit Xeon and AMD64

To install WebLogic Platform 9.2 on OEL 4.0

1. Download and install the supported JDK for your environment.
2. Go to [Oracle Technology Network](#) or [Oracle E-Delivery](#) and download WebLogic Platform for Oracle Enterprise Linux.

Note: For important information about how to download BEA products refer to *BEA Product Download Changes* (Document ID **762254.1** and **763603.1**) at <https://support.oracle.com/>.

Note: The BEA Download Center (i.e. <http://commerce.bea.com>) will be decommissioned on February 2, 2009. After this time, customers will be able to download the BEA software from Oracle's E-delivery portal (<http://edelivery.oracle.com>) or Oracle Technology Network (<http://otn.oracle.com>).

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

If your configuration includes the 64-bit version of your JDK, your installation of WebLogic Platform is now complete. If your configuration includes the 32-bit version, however, you must also complete the following steps:

4. Set the BEA_HOME to point to the directory in which WebLogic Server is installed and export BEA_HOME. For example:

```
export BEA_HOME=<your_WebLogic_Server_installation_directory>
```

5. In a text editor, open the \$BEA_HOME/weblogic92/common/bin/commEnv.sh and search for the following case statement:

```
LINUX|Linux)
```

```
arch='uname -m'
```

Replace with the following:

```
LINUX|Linux)
```

```
arch='uname -m'
```

```
if [ "${arch}" = "x86_64" ]; then
```

```
    arch=i686
```

f i

6. If necessary, download and install the following WLP 9.2 patch for Oracle Enterprise Linux 4.0 using the Smart Update tool:

Patch ID: DY4Y Pass Code: GL8HWQWZ (Required for Remote Autonomy for AMD64 and 64-bit Xeon, see [Post-Installation Instructions for Smart Update Patch DY4Y](#).)

For more information on the Smart Update tool, refer to http://e-docs.bea.com/common/docs92/smart_update/intro.html.

WebLogic Platform 9.2 on Oracle Enterprise Linux 4.0