



BEAProducts

Supported Configurations: Asianux

Contents

1. WebLogic Server 10.0 on Asianux 3.0

Configuration Requirements	1-1
Known Issues.	1-3
Serial Version UID Mismatch	1-3
JVM Stack Overflow on 64-bit Xeon/AMD64	1-3
Issues Related to Other BEA Products.	1-4
Download and Installation Instructions.	1-4
Download and Installation Instructions for AsianUX 3.0 on x86	1-4
Download and Installation Instructions for AsianUX 3.0 on 64-bit Xeon/AMD64	1-4

2. WebLogic Server 9.1 and Related Products on Asianux

Configuration Requirements	2-2
Known Issues.	2-2
Download and Installation Instructions.	2-3

WebLogic Server 10.0 on Asianux 3.0

This section provides the following information:

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

Related Information

- For information about supported database configurations, Web servers, browsers, and interoperability tools, and product support for WebLogic Server 10.0, see [WebLogic Server 10.0 Supported Configurations](#)
- For information about Asianux, see the following Asianux Web site:
<http://www.asianux.com>.

Configuration Requirements

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

- [Requirements for Asianux 3.0 on x86](#)
- [Requirements for Asianux 3.0 on 64-bit Xeon and AMD64 with 32-bit JDK](#)

Table 1-1 Requirements for Asianux 3.0 on x86

Operating System Version and Patches	AsianUX 3.0, kernel 2.6.18-8.10AX, glibc-2.5-12.1AX
Chip Architecture and Minimum Processor Speed	x86 (1.2GHz)
JDK	10.0 MP1: BEA JRockit 5.0 (R27.3.1) JDK (32-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 (32-bit) and all later service packs of 5.0 (version 1.5.0_011)
RAM	1 GB minimum
Performance Pack	server/native/linux/i686/libmuxer.so
BEA Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1 • Workshop for WebLogic 10.0 (Runtime)

Table 1-2 Requirements for Asianux 3.0 on 64-bit Xeon and AMD64 with 32-bit JDK

Operating System Version and Patches	AsianUX 3.0, kernel 2.6.18-8.10AX, glibc-2.5-12.1AX
Chip Architecture and Minimum Processor Speed	<ul style="list-style-type: none"> • AMD64 (1.3 GHz) • 64-bit Xeon (1.3 GHz)
JDK	10.0 MP1: BEA JRockit 5.0 (R27.3.1) JDK (32-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 (32-bit) and all later service packs of 5.0 (version 1.5.0_011)
RAM	1 GB minimum

Table 1-2 Requirements for Asianux 3.0 on 64-bit Xeon and AMD64 with 32-bit JDK

Performance Pack	server/native/linux/i686/libmuxer.so
BEA Product Support	<ul style="list-style-type: none"> • WebLogic Server 10.0 MP1 • Workshop for WebLogic 10.0 (Runtime)

Known Issues

- [“Serial Version UID Mismatch” on page 1-3](#)
- [JVM Stack Overflow on 64-bit Xeon/AMD64](#)
- [Issues Related to Other BEA 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.useCompatibleSerialVersionUID=1.0"
```

Or, you can use the command line option:

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

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

JVM Stack Overflow on 64-bit Xeon/AMD64

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.

Issues Related to Other BEA Products

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

Issues related to...	Are described in...
WebLogic Server	<i>WebLogic Server Known and Resolved Issues:</i> http://e-docs.bea.com/wls/docs100/issues/known_resolved.html
Workshop for WebLogic	<i>Workshop for WebLogic Release Notes:</i> http://e-docs.bea.com/wlw/docs100/relnotes/index.html

Download and Installation Instructions

- [Download and Installation Instructions for AsianUX 3.0 on x86](#)
- [Download and Installation Instructions for AsianUX 3.0 on 64-bit Xeon/AMD64](#)

Download and Installation Instructions for AsianUX 3.0 on x86

Complete the following procedure:

1. Go to [Oracle E-Delivery](#) and download WebLogic Server 10.0 MP1 on x86.
2. Unzip the file.
3. Install using the instructions provided in the [Using Installers with Filenames Ending in .bin](#) section of the *BEA Product Installation Guide*.
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>
```

Download and Installation Instructions for AsianUX 3.0 on 64-bit Xeon/AMD64

Complete the following procedure:

1. Go to [Oracle E-Delivery](#) and download WebLogic Server 10.0 MP1 on 64-bit Xeon/AMD64.
2. Unzip the file.
3. Install using the instructions provided in the [Using Installers with Filenames Ending in .bin](#) section of the *BEA Product Installation Guide*.
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 Asianux 3.0

WebLogic Server 9.1 and Related Products on Asianux

Products Supported on this Operating System

Product	Version
WebLogic Server	9.1

This section provides the following information:

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

Related Information

- For information about supported database configurations, Web servers, browsers, and interoperability tools, and product support for WebLogic Server 9.1, see [WebLogic Server 9.1 Supported Configurations](#)
- For information about Asianux, see the following Asianux Web site:
<http://www.asianux.com>.

Configuration Requirements

Table 2-1 Requirements for Asianux 2.0 on x86 (WebLogic Server 9.1 Only)

Operating System Version and Patches	Asianux 2.0 (Kernel 2.6.9-11.19AXsmp, glibc 2.3.4-2.9.1AX) Note: Asianux 2.0 is distributed by multiple participating vendors, including Miracle Linux Corporation and Red Flag Software.
Chip Architecture and Minimum Processor Speed	Xeon, Pentium II or higher, x86, and compatible chip architectures (400 MHz)
JDK	JRockit (R26.0.0) and all later 5.0 releases of JRockit
RAM	1 GB minimum
Performance Pack	server/native/linux/i686/libmuxer.so
Design and Development Tools	WebLogic Server development tools are supported.

Known Issues

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/docs91/issues/known_resolved.html
Installation and configuration	<i>Products Installation and Configuration Release Notes:</i> http://e-docs.bea.com/common/docs91/relnotes/relnotes.html

Download and Installation Instructions

The following section describes the steps required to download and install WebLogic Server 9.1 on Asianux 2.0 on the Intel x86 configuration.

1. Go to the download site: <http://commerce.bea.com>
2. Click on the link for WebLogic Server 9.1.
3. From the list of OS Platforms, select Asianux (2.0, x86).
4. Download the `server910_linux32.bin` package installer.
5. Install WebLogic Server 9.1 on your Asianux 2.0 on x86 configuration by completing the installation procedure for .bin files described in the [Using Installers with Filenames Ending in .bin](#) section of the *Products Installation Guide*.

For more information on installing WebLogic Server, refer to the WebLogic Server 9.1 Online Documentation.

