BEA WebLogic Platform™

8.1 Supported Configurations: Sun Solaris 10 on AMD64

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CHAPTER 1

Sun Solaris 10 on AMD64 with 8.1 SP6

Product Components Supported on this Configuration

	WebLogic Server	WebLogic Workshop	WebLogic Integration	WebLogic Portal
Run-time	✓	✓	✓	✓
Design/Dev Tools*	✓	✗	✗	✗

* For design and development tools support, see the "Configuration Requirements" section below.

✓ Supported
✗ Not supported

This section provides the following information:

- Related Information
- Configuration Requirements
- Known Issues
- Download and Installation Instructions

Related Information

- For information about supported database configurations, Web servers, and browsers, plus support for interoperability tools and WebLogic Platform product support information, see *WebLogic Platform 8.1 Supported Configurations*.
- For details about Sun Solaris 10 on AMD64, visit Sun's Web site: `http://www.sun.com`

Configuration Requirements

Table 1-1 Requirements for 8.1 SP6 on Sun Solaris 10 on AMD64

Operating System Version and Patches	Sun Solaris 10 (on AMD64, 64-bit kernel)	
Chip Architecture and Minimum Processor Speed	AMD64 (1.1 GHz)	
SDK	Sun Java 2 SDK 1.4.2_12 Java™ 2 Runtime Environment (32-bit), Standard Edition (build 1.4.2_12-b03) Java Hotspot™ Client VM (build 1.4.2_12-b03, mixed mode) and all later 1.4.2 releases	
Design and Development Tools	Supports WebLogic Server development tools.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	`lib/solaris/x86/libmuxer.so`
Node Manager	Included	Native
BEA jDrivers for Oracle	Not supported	

Known Issues

Smart Update Fails: On a Solaris/AMD64 configuration, you cannot upgrade your configuration from a pre-SP6 version of WebLogic Platform 8.1 to WebLogic Platform 8.1 SP6 by using the Smart Update tool. To upgrade to 8.1 SP6 on a Solaris/AMD64 configuration, use the upgrade installer, instead.

For more information about known issues with any components of this release, see the appropriate *Release Notes* document. For a complete list of *Release Notes* supporting WebLogic Platform 8.1, see:

http://e-docs.bea.com/platform/docs81/interm/relnotes.html

Download and Installation Instructions

This section provides instructions for the following procedures:

- Downloading and Installing the Sun SDK 1.4.2_12
- Downloading and Installing WebLogic Platform 8.1 SP6
- Configuring Your WebLogic Platform Installation for Multi-Zone Operation

Downloading and Installing the Sun SDK 1.4.2_12

1. Go to the Sun SDK download site: http://java.sun.com/j2se/1.4.2/download.html
2. Download the Sun Java 2 SDK 1.4.2_12 for the Solaris x86 platform.
3. Following the instructions on the download page, install the SDK

   http://java.sun.com/j2se/1.4.2/install.html

Downloading and Installing WebLogic Platform 8.1 SP6

To install WebLogic Platform 8.1 SP6 on a configuration of Solaris 10 on x86, complete the following procedure:

1. Go to the BEA downloads site:

   http://commerce.bea.com

2. Click on “BEA WebLogic” link to go to “BEA WebLogic Product Family” page. Then click on “BEA WebLogic Platform 8.1SP6”.
3. Go to “WebLogic Platform 8.1 with SP6” under “WebLogic Platform Package Installer” section.
4. From the list of OS Platforms, select “Sun Solaris(10, AMD64)”.
5. Download the appropriate package installer:
   – For WebLogic Platform: pj_platform816_generic.jar

– For WebLogic Server: pj_server816_generic.jar

6. Install WebLogic Platform using the instructions for "Starting Graphical-Mode Installation for .jar Installation Files." in *Installing BEA WebLogic Platform*:

   http://edocs.bea.com/platform/docs81/install/guimode.html#1066550

For more information about installing WebLogic Server/Platform, see *Installing BEA WebLogic Platform*: http://edocs.bea.com/platform/docs81/install/index.html.

Configuring Your WebLogic Platform Installation for Multi-Zone Operation

WebLogic Platform can be run in multiple zones of a Solaris 10 system, as long as the product is installed and configured to accommodate the Solaris Zones feature. To prepare your WebLogic Platform installation to accommodate Solaris Zones, complete the following procedure:

1. During the installation of WebLogic Platform, specify a directory to which all zones will have access.

   Note: BEA strongly recommends this step so you can avoid installing WebLogic Platform in the default root file system. If WebLogic Platform is installed in the default root, all zones will require write access to root and such widespread write access is not recommended.

2. Define a separate WebLogic Platform domain for each zone so that the log files for each zone can go to a different location. If you choose, you can also configure a cluster to work across multiple zones as long as you provide read, write, and execute permissions to the domain directory to all the local zones participating in the cluster. For more information, see "Overview of WebLogic Server Domains" in *Configuring and Managing WebLogic Server*:

   http://e-docs.bea.com/wls/docs81/adminguide/overview_domain.html

Service Migration on Solaris Zones

The following WebLogic Server migratable services are not supported on Solaris Zones:

- Activating JTA as a migratable service
- Deploying a JMS server on a migratable target

CHAPTER 2

Sun Solaris 10 on AMD64 with 8.1 SP5

Product Components Supported on this Configuration

	WebLogic Server	WebLogic Workshop	WebLogic Integration	WebLogic Portal
Run-time	✓	✓	✓	✓
Design/Dev Tools*	✓	✗	✗	✗

* For design and development tools support, see the "Configuration Requirements" section below.

✓ Supported
✗ Not supported

This section provides the following information:

- Configuration Requirements
- Known Issues
- Download and Installation Instructions

Related Information

- For information about supported database configurations, Web servers, and browsers, plus support for interoperability tools and WebLogic Platform product support information, see *WebLogic Platform 8.1 Supported Configurations*.
- For details about Sun Solaris 10 on AMD64, visit Sun's Web site: `http://www.sun.com`

Configuration Requirements

Table 2-1 Requirements for 8.1 SP5 on Sun Solaris 10 on AMD64

Operating System Version and Patches	Sun Solaris 10 (GA version and later service packs)	
Chip Architecture and Minimum Processor Speed	AMD64 (1.1 GHz)	
SDK	Sun Java 2 SDK 1.4.2_08 Java™ 2 Runtime Environment (32-bit), Standard Edition (build 1.4.2_08-b03) Java Hotspot™ Client VM (build 1.4.2_08-b03, mixed mode) and all later 1.4.2 releases	
Design and Development Tools	Supports WebLogic Server development tools.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	`lib/solaris/x86/libmuxer.so`
Node Manager	Included	Native
BEA jDrivers for Oracle	Not supported	

Known Issues

Smart Update Fails: On a Solaris/AMD64 configuration, you cannot upgrade your configuration from a pre-SP5 version of WebLogic Platform 8.1 to WebLogic Platform 8.1 SP5 by using the Smart Update tool. To upgrade to 8.1 SP5 on a Solaris/AMD64 configuration, use the upgrade installer, instead.

For more information about known issues with any components of this release, see the appropriate *Release Notes* document. For a complete list of *Release Notes* supporting WebLogic Platform 8.1, see:

http://e-docs.bea.com/platform/docs81/interm/relnotes.html

Download and Installation Instructions

This section provides instructions for the following procedures:

- Downloading and Installing the Sun SDK 1.4.2_08
- Downloading and Installing WebLogic Platform 8.1 SP5
- Configuring Your WebLogic Platform Installation for Multi-Zone Operation

Downloading and Installing the Sun SDK 1.4.2_08

1. Go to the Sun SDK download site:
   http://java.sun.com/products/archive/j2se/1.4.2_08
2. Download the Sun Java 2 SDK 1.4.2_08 for the Solaris on AMD64 platform.
3. Following the instructions on the download page, install the SDK.

Downloading and Installing WebLogic Platform 8.1 SP5

To install WebLogic Platform 8.1 SP5 on a configuration of Solaris 10 on AMD64, complete the following procedure:

1. Go to the BEA downloads site:

   http://commerce.bea.com/showproduct.jsp?family=WLP&major=8.1&minor=5
2. For WebLogic Platform 8.1 SP5, select “Sun Solaris (10, AMD64)” as your operating system, and download the WebLogic Platform package installer.
3. Complete the instructions titled “Starting Graphical-Mode Installation for .jar Installation Files” in *Installing BEA WebLogic Platform*:

   http://e-docs.bea.com/platform/docs81/install/guimode.html

For more information about installing WebLogic Platform, see *Installing BEA WebLogic Platform*:

http://e-docs.bea.com/platform/docs81/install/index.html

Configuring Your WebLogic Platform Installation for Multi-Zone Operation

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   http://e-docs.bea.com/wls/docs81/adminguide/overview_domain.html

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- Deploying a JMS server on a migratable target