BEA WebLogic Platform™

8.1 Supported Configurations: Sun Solaris 9 on x86

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CHAPTER 1

Sun Solaris 9 on x86 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 9 on x86, visit Sun's Web site: `http://www.sun.com`

Configuration Requirements

Table 1-1 Requirements for 8.1 SP6 on Sun Solaris 9 on x86

Operating System Version and Patches	Sun Solaris 9 (on x86, 32-bit kernel)	
Chip Architecture and Minimum Processor Speed	x86 (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/x86 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/x86 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

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 9 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 8.1 SP6”.
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(9, 10, x86)”
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://e-docs.bea.com/platform/docs81/install/guimode.html`

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

CHAPTER 2

Sun Solaris 9 on x86 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 9 on x86, visit Sun's Web site: `http://www.sun.com`

Configuration Requirements

Table 2-1 Requirements for 8.1 SP5 on Sun Solaris 9 on x86

Operating System Version and Patches	Sun Solaris 9 (GA version and later service packs)	
Chip Architecture and Minimum Processor Speed	x86 (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/x86 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/x86 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

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 x86 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 9 on x86, 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 (9, 10, x86)” 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

CHAPTER 3

Sun Solaris 9 on x86 with 8.1 SP4

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 9, visit Sun's Web site: `http://www.sun.com`.

Configuration Requirements

Table 3-1 Requirements for 8.1 SP4 on Sun Solaris 9 on x86

Operating System Version and Patches	Solaris 9	
Chip Architecture and Minimum Processor Speed	x86 (800 MHz)	
SDK	Sun Java 2 SDK 1.4.2_05 Java™ 2 Runtime Environment (32-bit), Standard Edition (build 1.4.2_05-b04) Java Hotspot™ Client VM (build 1.4.2_05-b04, mixed mode)	
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/x86 configuration, you cannot upgrade your configuration from WebLogic Platform 8.1 SP2 or SP3 to WebLogic Platform 8.1 SP4 by using the Smart Update tool. To upgrade to 8.1 SP4 on a Solaris/x86 configuration, use the upgrade installer, instead.

For 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_05
- Downloading and Installing WebLogic Platform 8.1 SP4

Downloading and Installing the Sun SDK 1.4.2_05

1. Go to the Sun SDK download site:
   http://java.sun.com/products/archive/j2se/1.4.2_05
2. Download the Sun Java 2 SDK 1.4.2_05 for the Solaris x86 platform.
3. Following the instructions on the download page, install the SDK.

Downloading and Installing WebLogic Platform 8.1 SP4

To install WebLogic Platform 8.1 SP4 on a configuration of Solaris 9 on x86, complete the following procedure:

1. Go to the BEA downloads site:

   http://commerce.bea.com/showproduct.jsp?family=WLP&major=8.1&minor=4
2. For WebLogic Platform 8.1 SP4, select Sun Solaris (9, x86) 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

Sun Solaris 9 on x86 with 8.1 SP4

CHAPTER 4

Sun Solaris 9 on x86 with 8.1 SP3

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
- 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 9, visit Sun's Web site: `http://www.sun.com`.

Configuration Requirements

Table 4-1 Requirements for 8.1 SP3 on Sun Solaris 9 on x86

Operating System Version and Patches	Solaris 9	
Chip Architecture and Minimum Processor Speed	x86 (800 MHz)	
SDK	Sun Java 2 SDK 1.4.2_04 for Solaris x86 Platform (32-bit)	
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

For 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

To install WebLogic Platform 8.1 SP3 on your Sun Solaris 9 configuration, complete the following steps:

- Step 1: Download and Install the Sun Java 2 SDK 1.4.2_04
- Step 2: Download WebLogic Platform 8.1 SP3 and the Supplemental JAR File
- Step 3: Install WebLogic Platform 8.1 SP3 and the Supplemental JAR File

Step 1: Download and Install the Sun Java 2 SDK 1.4.2_04

1. Go to the Sun SDK download site: `http://java.sun.com/products/archive/j2se/1.4.2_04`
2. Download the Sun Java 2 SDK 1.4.2_04 for Solaris x86 Platform.
3. Following the instructions on the download page, install the SDK.

Step 2: Download WebLogic Platform 8.1 SP3 and the Supplemental JAR File

To download the installer and supplemental JAR file for WebLogic Platform 8.1 SP3, complete the following procedure:

1. Go to the BEA download site: `http://commerce.bea.com`.
2. For WebLogic Platform 8.1 SP3, select Sun Solaris (9, x86) as your operating system, and download the WebLogic Platform package installer.
3. From the same site, download the supplementary JAR file for Solaris 9 on x86 by selecting the link: `wls813_solaris_x86_supp.jar`.

Now you have all the components required for your installation: Sun Java 2 SDK 1.4.2_04, the WebLogic Platform package installer, and the supplementary JAR file.

Step 3: Install WebLogic Platform 8.1 SP3 and the Supplemental JAR File

Note: For more information about installing WebLogic Platform, see *Installing BEA WebLogic Platform* at `http://e-docs.bea.com/platform/docs81/install/index.html`.

1. In a browser, open *Installing BEA WebLogic Platform* and find the section called "Starting Graphical-Mode Installation for .jar Installation Files" (in the chapter called "Installing WebLogic Platform Using Graphical-Mode Installation") at the following URL:

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

2. Following the instructions, install WebLogic Platform 8.1 SP3.

3. Set the `WL_HOME` variable to the directory in which WebLogic Platform is installed and export `WL_HOME`:

   ```
   $ export WL_HOME=/your_installation_directory/weblogic81
   ```

4. Create a directory called `$WL_HOME/server/lib/solaris/x86` and go to it:

   ```
   $ mkdir $WL_HOME/server/lib/solaris/x86
   $ cd $WL_HOME/server/lib/solaris/x86
   ```

5. Extract the contents of the `.jar` file:

   ```
   $ jar -xvf wls813_solaris_x86_supp.jar
   ```

6. Modify the environment variable `LD_LIBRARY_PATH` in the following shell scripts to point to the x86 directory under `lib/solaris`. In other words, replace all occurrences of `${WL_HOME}/server/lib/solaris` with `${WL_HOME}/server/lib/solaris/x86` in the following two shell scripts:

   - `${WL_HOME}/server/bin/startWLS.sh`
   - `${WL_HOME}/common/bin/commEnv.sh`

7. Set the correct execution modes on the contents of the `weblogic81/server/bin` and `weblogic81/server/`lib directories:

   - `$ chmod +x $WL_HOME/server/bin/*`
   - `$ chmod -R +x $WL_HOME/server/lib/solaris/x86/*`

Sun Solaris 9 on x86 with 8.1 SP2

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 9, visit Sun's Web site: `http://www.sun.com`.

Configuration Requirements

Table 5-1 Requirements for 8.1 SP2 on Sun Solaris 9 on x86

Operating System Version and Patches	Solaris 9	
Chip Architecture and Minimum Processor Speed	x86 (800 MHz)	
SDK	Sun Java 2 SDK 1.4.2_02 for Solaris x86 Platform (32-bit)	
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 **Note:** Only Oracle 8.1.7.4 with the Oracle Thin Driver is supported on Sun Solaris 9 on x86.	

Known Issues

For 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

To install WebLogic Platform 8.1 SP2 on your Sun Solaris 9 configuration, complete the following steps:

- Step 1: Download and Install the Sun Java 2 SDK 1.4.2_02
- Step 2: Download WebLogic Platform 8.1 SP2 and the Supplemental JAR File
- Step 3: Install WebLogic Platform 8.1 SP2 and the Supplemental JAR File
- Step 4: Download and Install the WebLogic Platform 8.1 SP2 SDK 1.4.2/Oracle10gdriver/Database Patch

Step 1: Download and Install the Sun Java 2 SDK 1.4.2_02

1. Go to the Sun download site: `http://www.sun.com`.
2. Download the Sun Java 2 SDK 1.4.2_02 for Solaris x86 Platform.
3. Following the instructions on the download page, install the SDK.

Step 2: Download WebLogic Platform 8.1 SP2 and the Supplemental JAR File

To download the installer and supplemental JAR file for WebLogic Platform 8.1 SP2, complete the following procedure:

1. Go to the BEA download site: `http://commerce.bea.com`.
2. For WebLogic Platform 8.1 SP2, select Sun Solaris (9, x86) as your operating system, and download the WebLogic Platform package installer.
3. From the same site, download the supplementary JAR file for Solaris 9 on x86 by selecting the link: `wls812_solaris_x86_supp.jar`.

Now you have all the components required for your installation: the Sun Java 2 SDK 1.4.2_02, the WebLogic Platform package installer, and the supplementary JAR file.

Step 3: Install WebLogic Platform 8.1 SP2 and the Supplemental JAR File

1. In a browser, open *Installing BEA WebLogic Platform* and find the section called "Starting Graphical-Mode Installation for .jar Installation Files" (in the chapter called "Installing WebLogic Platform Using Graphical-Mode Installation") at the following URL:

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

2. Following the instructions, install WebLogic Platform 8.1 SP2.

3. Set the `WL_HOME` variable to the directory in which WebLogic Platform is installed and export `WL_HOME`:

   ```
   $ export WL_HOME=/your_installation_directory/weblogic81
   ```

4. Create a directory called `$WL_HOME/server/lib/solaris/x86` and go to it:

   ```
   $ mkdir $WL_HOME/server/lib/solaris/x86
   $ cd $WL_HOME/server/lib/solaris/x86
   ```

5. Extract the contents of the JAR file:

   ```
   $ jar -xvf wls812_solaris_x86_supp.jar
   ```

6. In the following shell scripts, set the environment variable `LD_LIBRARY_PATH` to point to the `lib/solaris/x86` directory by replacing all occurrences of `${WL_HOME}/server/lib/solaris` with `${WL_HOME}/server/lib/solaris/x86`:

   - `${WL_HOME}/server/bin/startWLS.sh`
   - `${WL_HOME}/common/bin/commEnv.sh`

7. Add execute permission to the files in `weblogic81/server/bin` and `weblogic81/server/lib`:

   ```
   $ chmod +x $WL_HOME/server/bin/*
   $ chmod -R +x $WL_HOME/server/lib/solaris/x86/*
   ```

Step 4: Download and Install the WebLogic Platform 8.1 SP2 SDK 1.4.2/Oracle10gdriver/Database Patch

1. Go to the BEA download site for the patch:

`http://dev2dev.bea.com/products/wlplatform81/patch/wlplat81sp2_patch.jsp`

2. Download the 8.1 SP2 patch: `wl81sp2_sdkdb_patch_v2.zip`.

3. Unzip `wl81sp2_sdkdb_patch_v2.zip` and save the contents in a temporary location, such as *`my_home_directory`*`/temp`.

   The zip file contains a `README` file, a zip file containing an 8.1 SP2 patch for databases, and a zip file containing a patch for use of the Oracle 10g driver and the Sun Java 2 SDK 1.4.2.

4. Following the instructions in the `README` file (`81sp2-patch-README.txt`), install the contents of `wl81sp2_sdkdb_patch_v2.zip`.