



# BEA WebLogic Platform™

**7.0 Supported  
Configurations: IBM AIX  
4.3.3 on PowerPC,  
POWER3 and POWER4**

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# AIX 4.3.3 on PowerPC, POWER3 and POWER4 with 7.0 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](#)

**End of Life:** On December 31, 2003, WebLogic Platform, including WebLogic Server, stopped supporting IBM AIX 4.3.3 on IBM PowerPC, POWER3 and IBM PowerPC, POWER4.

WebLogic Platform 7.0 SP4 is expected to be the final service pack issued for AIX 4.3.3. BEA recommends that current AIX 4.3.3 customers start using other certified releases of WebLogic Platform and WebLogic Server on AIX 5.1 or AIX 5.2 platforms. For more information, see [WebLogic Platform End-of-Life Announcements](#).

## 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 7.0 Supported Configurations](#).
- For details about IBM AIX 4.3.3, visit IBM's Web site: <http://www.ibm.com>.

## Configuration Requirements

**Table 1-1 Requirements for 7.0 SP4 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>Operating System Version and Patches</b>	<ul style="list-style-type: none"> <li>• AIX 4.3.3 ML9</li> <li>• AIX 4.3.3 ML10</li> </ul>	
<b>Chip Architecture and Minimum Processor Speed</b>	<ul style="list-style-type: none"> <li>• PowerPC, POWER3 (450 MHz)</li> <li>• PowerPC, POWER4 (1 GHz)</li> </ul>	
<b>SDK</b>	IBM SDK 1.3.1 32-bit (APAR IY47055) Java™ 2 Runtime Environment, Standard Edition (build 1.3.1) Classic VM (build 1.3.1, J2RE 1.3.1 IBM AIX build ca131-20030630a (JITenabled: jitc)).	This SDK is not provided with WebLogic Platform; you must download it from the IBM Web site and install it, manually, on your system. For instructions, see <a href="#">“Download and Installation Instructions” on page 1-4</a> .
<b>Design and Development Tools</b>	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see <a href="#">“Supported Configurations for Design and Development Tools in Version 7.0 SP4” in Supported Configurations for WebLogic Platform 7.0</a> .	
<b>RAM</b>	512 MB required; 1 GB recommended	
<b>Disk Space</b>	For any components of WebLogic Platform or for the full WebLogic Platform product, see <a href="#">Disk Space Requirements</a> .	
<b>Performance Pack</b>	Included	lib/aix/libmuxer.so

**Table 1-1 Requirements for 7.0 SP4 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>Node Manager</b>	Included	lib/aix/libNodeManager.so
<b>BEA jDrivers for Oracle</b>	<b>For this Oracle client version:</b>	<b>The following shared libraries are provided:</b>
	Oracle 8.1.7	<ul style="list-style-type: none"> <li>• lib/aix/oci817_8/libweblogicoca38.so</li> <li>• lib/aix/oci817_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.0.1	<ul style="list-style-type: none"> <li>• lib/aix/oci901_8/libweblogicoca38.so</li> <li>• lib/aix/oci901_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.2.0	<ul style="list-style-type: none"> <li>• lib/aix/oci920_8/libweblogicoca38.so</li> <li>• lib/aix/oci920_8/libweblogicoxa38.so</li> </ul>

## Known Issues

Issue	Workaround
UDP_SENDSIZE buffer size defaults to 9216 (9k). WebLogic Server sends fragments up to 32K. Using a buffer size smaller than 32 KB may cause an IO Exception.	<ol style="list-style-type: none"> <li>1. Set the buffer size to 32 KB by running the following command: no -o udp_sendspace=32768</li> <li>2. Reboot WebLogic Server.</li> </ol>
WebLogic Workshop on AIX does not support DB2.	Use a database other than DB2 if you want to run WebLogic Workshop on AIX. For information about supported databases, see “ <a href="#">Supported Database Configurations</a> ” in <i>Supported Configurations for WebLogic Platform 7.0</i> .

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 7.0, see:

<http://e-docs.bea.com/platform/docs70/interm/relnotes.html>

## Download and Installation Instructions

Before you can run WebLogic Platform 7.0 SP4 on an IBM AIX system, you must have an SDK configuration (base SDK plus fixes) at the following level: IBM SDK 1.3.1 32-bit PTF: ca131-20030630a. This section provides instructions for:

- [Downloading and Installing the IBM SDK](#)
- [Downloading and Installing the IBM SDK Fixes](#)
- [Downloading and Installing 7.0 SP4](#)

### Downloading and Installing the IBM SDK

1. Go to the “Downloads: IBM developer kit” page on the IBM Web site:  
<http://www.ibm.com/developerworks/java/jdk/index.html>
  2. From the list of platforms, select AIX.  
The “IBM Developer’s Kits for AIX, Java Technology Edition” page is displayed.
  3. In the menu on the right side of the page, click “Download.”  
A table containing a list of kits is displayed.
  4. In the Java Version column, click “1.3.1.”  
The “IBM AIX Developer Kit and Runtime, Java Technology Edition” page is displayed, prompting you to log in.
  5. Log in to the site with your user ID and password.  
A list of the filesets that make up the IBM SDK 1.3.1 is displayed.
  6. Download and install the filesets listed under “IBM AIX Developer Kit Base code.”
- Now the SDK is installed on your system. Keep the current window open on your screen so you can continue to the next procedure, [“Downloading and Installing the IBM SDK Fixes.”](#)

### Downloading and Installing the IBM SDK Fixes

1. From the list of links for various tasks at the top of the page (before the list of filesets), click “How and where to get fixes.”



The “SDK 1.3.1 32-bit PTFs since GA” section is displayed. This section provides a list of the fixes that raise the SDK version to the level required for running WebLogic Platform 7.0 SP4: IBM SDK 1.3.1 32-bit PTF: ca131-20030630a.

**Note:** While this page is displayed, be sure to read the information about the cumulative nature of these fixes in “Important Information about Java/AIX.”

2. Click “Fix Delivery Center for AIX 5 and AIX 4.3.”  
The “IBM eServer pSeries Support” page is displayed.  
(<http://techsupport.services.ibm.com/server/aix.fdc>)
3. Set the search criteria to the following:
  - OS level: *From the drop-down list, select the appropriate OS level.*
  - Search by: APAR number or abstract
  - Search string: IY47055
4. Click “Find fix.”
5. In the drop-down box, select “IY47055 - (AIX 4.3.3. only) SDK 1.3.1 32-bit ca131-20030630a.”
6. Click “Add to list.”
7. Click “Proceed to packaging.”
8. Complete the Packaging options as directed.
9. Click “Proceed to download page.”
10. Follow the instructions to download the fix package.
11. Install the fix package.
12. Verify that the package is applied by running the following command:
 

```
$ instfix -ivqk IY47055
```

If you have installed any other APARs, as per the instructions on the IBM Web site, verify that they, too, are applied, by running the `instfix` command with the `-ivqk` options.
13. Verify that the required SDK version (IBM SDK 1.3.1 32-bit PTF: ca131-20030630a) is now installed on your system by running the following command:

```
/usr/java131/bin/java -version
```

## Downloading and Installing 7.0 SP4

Complete the following procedure:

1. Download the 7.0 SP4 installer for IBM AIX platforms from the following site:

<http://commerce.bea.com>

2. Go to the directory that contains the installation file.

3. Run the command appropriate for your installation mode:

- Graphical mode:

```
java -classpath filename.jar \  
com.bea.installer.BEAInstallController
```

- Console mode:

```
java -classpath filename.jar \  
com.bea.installer.BEAInstallController -mode=console
```

- Silent mode:

```
java -classpath filename.jar \  
com.bea.installer.BEAInstallController -mode=silent \  
-silent_xml=/path_to_silent.xml
```

In this command line:

- Replace *path\_to\_silent.xml* with the *full* path for the *silent.xml* template file.
- Replace *filename.jar* with one of the filenames listed in the following table.

If you are using the	Replace <i>filename.jar</i> with
Package installer for WebLogic Platform	<code>pj_platform704_generic.jar</code>
Package installer for WebLogic Server	<code>pj_server704_generic.jar</code>
Net installer <sup>1</sup>	<code>net_pj_platform704_generic.jar</code>

<b>If you are using the</b>	<b>Replace <i>filename.jar</i> with</b>
Upgrade installer for WebLogic Platform <sup>1</sup>	<code>pj_platform704_upgrade_generic.jar</code>
Upgrade installer for WebLogic Server <sup>1</sup>	<code>pj_server704_upgrade_generic.jar</code>

1. Graphical and console modes only.

For more information about installation, see the appropriate document:

- For WebLogic Platform, see [Installing BEA WebLogic Platform](#)
- For WebLogic Server, see [BEA WebLogic Server and WebLogic Express Installation Guide](#)

AIX 4.3.3 on PowerPC, POWER3 and POWER4 with 7.0 SP4

# AIX 4.3.3 on PowerPC, POWER3 and POWER4 with 7.0 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](#)

**End of Life:** On December 31, 2003, WebLogic Platform, including WebLogic Server, stopped supporting IBM AIX 4.3.3 on IBM PowerPC, POWER3 and IBM PowerPC, POWER4.

WebLogic Platform 7.0 SP4 is expected to be the final service pack issued for AIX 4.3.3. BEA recommends that current AIX 4.3.3 customers start using other certified releases of WebLogic Platform and WebLogic Server on AIX 5.1 or AIX 5.2 platforms. For more information, see [WebLogic Platform End-of-Life Announcements](#).

## 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 7.0 Supported Configurations](#).
- For details about IBM AIX 4.3.3, visit IBM's Web site: <http://www.ibm.com>.

## Configuration Requirements

**Table 2-1 Requirements for 7.0 SP2 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>Operating System Version and Patches</b>	<ul style="list-style-type: none"> <li>• AIX 4.3.3 ML9</li> <li>• AIX 4.3.3 ML10</li> </ul>	
<b>Chip Architecture and Minimum Processor Speed</b>	<ul style="list-style-type: none"> <li>• PowerPC, POWER3 (450 MHz)</li> <li>• PowerPC, POWER4 (1 GHz)</li> </ul>	
<b>SDK</b>	<p>IBM SDK 1.3.1 32-bit PTF 2 (IY33957)          Java™ 2 Runtime Environment, Standard Edition (build 1.3.1) Classic VM (build 1.3.1, J2RE 1.3.1 IBM AIX build ca131-20021102 (JIT enabled: jite))</p>	<p>This SDK is not provided with WebLogic Platform; you must download it from the IBM Web site and install it, manually, on your system. For instructions, see <a href="#">“Downloading and Installing the IBM SDK” on page 2-4</a>.</p>
<b>Design and Development Tools</b>	<p>Supports WebLogic Server development tools.</p> <p>For more information about WebLogic Platform design and development tools support, see <a href="#">“Supported Configurations for Design and Development Tools in Version 7.0 SP2”</a> in <i>Supported Configurations for WebLogic Platform 7.0</i>.</p>	
<b>RAM</b>	512 MB required; 1 GB recommended	
<b>Disk Space</b>	For any components of WebLogic Platform or for the full WebLogic Platform product, see <a href="#">Disk Space Requirements</a> .	
<b>Performance Pack</b>	Included	<code>lib/aix/libmuxer.so</code>

**Table 2-1 Requirements for 7.0 SP2 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>Node Manager</b>	Included	lib/aix/libNodeManager.so
<b>BEA jDrivers for Oracle</b>	<b>For this Oracle client version:</b>	<b>The following shared libraries are provided:</b>
	Oracle 8.1.7	<ul style="list-style-type: none"> <li>• lib/aix/oci817_8/libweblogicoca38.so</li> <li>• lib/aix/oci817_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.0.1	<ul style="list-style-type: none"> <li>• lib/aix/oci901_8/libweblogicoca38.so</li> <li>• lib/aix/oci901_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.2.0	<ul style="list-style-type: none"> <li>• lib/aix/oci920_8/libweblogicoca38.so</li> <li>• lib/aix/oci920_8/libweblogicoxa38.so</li> </ul>

## Known Issues

Issue	Workaround
UDP_SENDSIZE buffer size defaults to 9216 (9k). WebLogic Server sends fragments up to 32K. Using a buffer size smaller than 32 KB may cause an IO Exception.	<ol style="list-style-type: none"> <li>1. Set the buffer size to 32 KB by running the following command: no -o udp_sendsize=32768</li> <li>2. Reboot WebLogic Server.</li> </ol>
WebLogic Workshop on AIX does not support DB2.	Use a database other than DB2 if you want to run WebLogic Workshop on AIX. For information about supported databases, see <a href="#">“Supported Database Configurations”</a> in <i>Supported Configurations for WebLogic Platform 7.0</i> .

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 7.0, see:

<http://e-docs.bea.com/platform/docs70/interm/relnotes.html>

## Download and Installation Instructions

If you plan to run WebLogic Platform 7.0 SP2 on IBM AIX, you must use IBM SDK 1.3.1 32-bit PTF 2, APAR IY33957. Because this package is not delivered with WebLogic Platform, you must download and install it manually before installing WebLogic Platform on your system.

**Notes:** You cannot use an older version of the IBM SDK, even if one is already installed on your system. You must download and install this particular version: IBM SDK 1.3.1 32-bit PTF (APAR IY33957).

If you are using the upgrade installer or Smart Update to upgrade your existing installation of WebLogic Platform on AIX, your existing IBM SDK is not updated automatically.

This section provides instructions for:

- [Downloading and Installing the IBM SDK](#)
- [Downloading and Installing 7.0 SP2](#)

## Downloading and Installing the IBM SDK

To download and install the SDK, complete the following procedure:

1. Go to the following IBM Web site:  
<https://techsupport.services.ibm.com/server/aix.fdc>
2. When prompted, set the search criteria for the SDK as follows.

For this parameter	Select or enter
OS level	AIX 4.3.3
Search by	APAR number or abstract
Search String	IY33957

3. Download and install the SDK.
4. Verify that the PTF 2 APAR IY33957 is applied, by running the following command:  

```
$ instfix -ivqk IY33957
```
5. Add the `bin` directory of the newly installed SDK to the beginning of your `PATH` variable.



## Downloading and Installing 7.0 SP2

Complete the following procedure:

1. Download the IBM AIX installer for BEA WebLogic Platform 7.0 SP2 from the following site:

<http://commerce.bea.com>

2. Go to the directory that contains the installation file.
3. Run the command appropriate for your installation mode:

- Graphical mode:

```
java -classpath (net_)pj_platform702_generic.jar \
com.bea.installer.BEAInstallController
```

- Console mode:

```
java -classpath (net_)pj_platform702_generic.jar \
com.bea.installer.BEAInstallController -mode=console
```

- Silent mode:

```
java -classpath (net_)pj_platform702_generic.jar \
com.bea.installer.BEAInstallController -mode=silent \
-silent_xml=/path_to_silent.xml
```

In this command line:

- Replace *installer\_directory* with the path of the directory in which you just downloaded the WebLogic Platform installer.
- Replace *filename.jar* with one of the filenames listed in the following table.

If you are using the	Replace <i>filename.jar</i> with
Package installer for WebLogic Platform	<code>pj_platform702_generic.jar</code>
Package installer for WebLogic Server	<code>pj_server702_generic.jar</code>
Net installer <sup>1</sup>	<code>net_pj_platform702_generic.jar</code>

<b>If you are using the</b>	<b>Replace <i>filename.jar</i> with</b>
Upgrade installer for WebLogic Platform <sup>1</sup>	<code>pj_platform702_upgrade_generic.jar</code>
Upgrade installer for WebLogic Server <sup>1</sup>	<code>pj_server702_upgrade_generic.jar</code>

1. Graphical and console modes only.

For more information about installation, see the appropriate document:

- For WebLogic Platform, see [Installing BEA WebLogic Platform](#)
- For WebLogic Server, see [BEA WebLogic Server and WebLogic Express Installation Guide](#).

# AIX 4.3.3 on PowerPC, POWER3 and POWER4 with 7.0 SP1

**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](#)

**End of Life:** On December 31, 2003, WebLogic Platform, including WebLogic Server, stopped supporting IBM AIX 4.3.3 on IBM PowerPC, POWER3 and IBM PowerPC, POWER4.

WebLogic Platform 7.0 SP4 is expected to be the final service pack issued for AIX 4.3.3. BEA recommends that current AIX 4.3.3 customers start using other certified releases of WebLogic Platform and WebLogic Server on AIX 5.1 or AIX 5.2 platforms. For more information, see [WebLogic Platform End-of-Life Announcements](#).

## 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 7.0 Supported Configurations](#).
- For details about IBM AIX 4.3.3, visit IBM's Web site: <http://www.ibm.com>.

## Configuration Requirements

**Table 3-1 Requirements for 7.0 SP1 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>Operating System Version and Patches</b>	<ul style="list-style-type: none"> <li>• AIX 4.3.3 ML9</li> <li>• AIX 4.3.3 ML10</li> </ul>
<b>Chip Architecture and Minimum Processor Speed</b>	<ul style="list-style-type: none"> <li>• PowerPC, POWER3 (450 MHz)</li> <li>• PowerPC, POWER4 (1 GHz)</li> </ul>
<b>SDK</b>	<p>IBM SDK 1.3.1 32-bit PTF 2 (IY33957)</p> <ul style="list-style-type: none"> <li>• This SDK is not provided with WebLogic Platform; you must download it from the IBM Web site and install it, manually, on your system. For instructions, see <a href="#">“Downloading and Installing the IBM SDK” on page 3-5</a>.</li> <li>• On IBM AIX platforms, WebLogic Integration and WebLogic Portal use the IBM JIT.</li> </ul>
<b>Design and Development Tools</b>	<p>Supports WebLogic Server development tools.</p> <p>For more information about WebLogic Platform design and development tools support, see <a href="#">“Supported Configurations for Design and Development Tools in Version 7.0 SP1” in Supported Configurations for WebLogic Platform 7.0</a>.</p>
<b>RAM</b>	512 MB required; 1 GB recommended
<b>Disk Space</b>	For any components of WebLogic Platform or for the full WebLogic Platform product, see <a href="#">Disk Space Requirements</a> .
<b>Performance Pack</b>	Included <code>lib/aix/libmuxer.so</code>
<b>Node Manager</b>	Included <code>lib/aix/libNodeManager.so</code>

**Table 3-1 Requirements for 7.0 SP1 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>BEA jDrivers for Oracle</b>	<b>For this Oracle client version:</b>	<b>The following shared libraries are provided:</b>
	Oracle 8.1.7	<ul style="list-style-type: none"> <li>• lib/aix/oci817_8/libweblogicoca38.so</li> <li>• lib/aix/oci817_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.0.1	<ul style="list-style-type: none"> <li>• lib/aix/oci901_8/libweblogicoca38.so</li> <li>• lib/aix/oci901_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.2.0	<ul style="list-style-type: none"> <li>• lib/aix/oci920_8/libweblogicoca38.so</li> <li>• lib/aix/oci920_8/libweblogicoxa38.so</li> </ul>

## Known Issues

<b>Issue</b>	<b>Workaround</b>
UDP_SENDSIZE buffer size defaults to 9216 (9k). WebLogic Server sends fragments up to 32K. Using a buffer size smaller than 32 KB may cause an IO Exception.	<ol style="list-style-type: none"> <li>1. Set the buffer size to 32 KB by running the following command: no -o udp_sendspace=32768</li> <li>2. Reboot WebLogic Server.</li> </ol>
WebLogic Server uses its own JSSE implementation to handle SSL communication. However, this implementation does not work properly if you use IBM's JSSE implementation as the Java extension.	Remove <code>ibmjss.jar</code> from the <code>jre/lib/ext</code> directory of the SDK installation from which you run WebLogic Server.
7.0 SP1 does not support the ORB provided with the IBM SDK.	Use WebLogic Server's ORB implementation, instead, by specifying the following command on the client side: <code>-Dweblogic.system.iiop.enableClient=true</code>

Issue	Workaround
The procedure for installing the Apache HTTP Server Plug-in for AIX as a statically linked module requires the use of a C++ compiler.	<ol style="list-style-type: none"> <li>1. Go to the procedure described in “Installing the Apache HTTP Server Plug-In as a Statically Linked Module” in “Installing the Apache HTTP Server Plug-In” in <i>Using Web Server Plug-Ins With WebLogic Server</i> at the following URL: <a href="http://e-docs.bea.com/wls/docs70/plugins/apache.html">http://e-docs.bea.com/wls/docs70/plugins/apache.html</a>.</li> <li>2. Before step 7, in which you configure the Apache HTTP Server, set the CC environment variable so that the C++ compiler is used for the installation. You can do this by entering one of the following commands, as appropriate:                      If you are using the Korn shell:  <pre>export CC=xlC</pre>                     If you are using the C shell:  <pre>setenv CC xlC</pre> </li> <li>3. Complete the remaining steps described in that section.</li> </ol>
WebLogic Workshop on AIX does not support DB2.	Use a database other than DB2 if you want to run WebLogic Workshop on AIX. For information about supported databases, see “ <a href="#">Supported Database Configurations</a> ” in <i>Supported Configurations for WebLogic Platform 7.0</i> .

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 7.0, see:

<http://e-docs.bea.com/platform/docs70/interm/relnotes.html>

## Download and Installation Instructions

If you plan to run WebLogic Platform 7.0 SP1 on IBM AIX, you must use IBM SDK 1.3.1 32-bit PTF 2, APAR IY33957. Because this package is not delivered with WebLogic Platform, you must download and install it manually before installing WebLogic Platform on your system.

This section provides instructions for:

- [Downloading and Installing the IBM SDK](#)
- [Downloading and Installing 7.0 SP1.](#)

## Downloading and Installing the IBM SDK

To download and install the SDK, complete the following procedure:

1. Go to the following IBM Web site:  
<https://techsupport.services.ibm.com/server/aix.fdc>
2. When prompted, set the search criteria for the SDK as follows.

For this parameter	Select or enter
OS level	AIX 4.3.3
Search by	APAR number or abstract
Search String	IY33957

3. Download and install the SDK.
4. Verify that the PTF 2 APAR IY33957 is applied, by running the following command:

```
$ instfix -ivqk IY33957
```

Add the `bin` directory of the newly installed SDK to the beginning of your `PATH` variable.

## Downloading and Installing 7.0 SP1

1. Download the 7.0 SP1 installer for IBM AIX platforms from the following site:

<http://commerce.bea.com>

2. Go to the directory that contains the installation file.
3. Run the command appropriate for your installation mode:

- Graphical mode:

```
java -classpath filename.jar \  
com.bea.installer.BEAInstallController
```

- Console mode:

```
java -classpath filename.jar \  
com.bea.installer.BEAInstallController -mode=console
```

- Silent mode:

```
java -classpath filename.jar \  
com.bea.installer.BEAInstallController -mode=silent \  
-silent_xml=/path_to_silent.xml
```

In this command line:

- Replace *path\_to\_silent.xml* with the *full* path for the *silent.xml* template file.
- Replace *filename.jar* with one of the filenames listed in the following table.

<b>If you are using the</b>	<b>Replace <i>filename.jar</i> with</b>
Package installer for WebLogic Platform	<code>pj_platform701_generic.jar</code>
Package installer for WebLogic Server	<code>pj_server701_generic.jar</code>
Net installer <sup>1</sup>	<code>net_pj_platform701_generic.jar</code>
Upgrade installer for WebLogic Platform <sup>1</sup>	<code>pj_platform701_upgrade_generic.jar</code>
Upgrade installer for WebLogic Server <sup>1</sup>	<code>pj_server701_upgrade_generic.jar</code>

1. Graphical and console modes only.

For more information about installation, see the appropriate document:

- For WebLogic Platform, see [Installing BEA WebLogic Platform](#).
- For WebLogic Server, see [BEA WebLogic Server and WebLogic Express Installation Guide](#).



# AIX 4.3.3 on PowerPC, POWER3 and POWER4 with WebLogic Server 7.0.0.1

**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](#)

**End of Life:** On December 31, 2003, WebLogic Platform, including WebLogic Server, stopped supporting IBM AIX 4.3.3 on IBM PowerPC, POWER3 and IBM PowerPC, POWER4.

WebLogic Platform 7.0 SP4 is expected to be the final service pack issued for AIX 4.3.3. BEA recommends that current AIX 4.3.3 customers start using other certified releases of WebLogic Platform and WebLogic Server on AIX 5.1 or AIX 5.2 platforms. For more information, see [WebLogic Platform End-of-Life Announcements](#).

## 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 7.0 Supported Configurations](#).
- For details about IBM AIX 4.3.3, visit IBM's Web site: <http://www.ibm.com>.

## Configuration Requirements

**Table 4-1 Requirements for WebLogic Server 7.0.0.1 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

<b>Operating System Version and Patches</b>	<ul style="list-style-type: none"> <li>• AIX 4.3.3 ML9</li> <li>• AIX 4.3.3 ML10</li> </ul>
<b>Chip Architecture and Minimum Processor Speed</b>	PowerPC-604 (200 MHz)
<b>SDK</b>	IBM SDK 1.3.1 32-bit PTF 1 (IY30887) Java™ 2 Runtime Environment, Standard Edition (build 1.3.1) Classic VM (build 1.3.1, J2RE 1.3.1 IBM AIX build ca131-20020706a (JIT enabled: jitc))
<b>Design and Development Tools</b>	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see “ <a href="#">Supported Configurations for Design and Development Tools in Version 7.0 GA</a> ” in <i>Supported Configurations for WebLogic Platform 7.0</i> .
<b>RAM</b>	512 MB required; 1 GB recommended
<b>Disk Space</b>	For any components of WebLogic Platform or for the full WebLogic Platform product, see <a href="#">Disk Space Requirements</a> .
<b>Performance Pack</b>	Included <code>lib/aix/libmuxer.so</code>
<b>Node Manager</b>	Included <code>lib/aix/libNodeManager.so</code>

**Table 4-1 Requirements for WebLogic Server 7.0.0.1 on AIX 4.3.3 on PowerPC, POWER3 and POWER4**

BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 8.1.7	<ul style="list-style-type: none"> <li>lib/aix/oci817_8/libweblogicoca38.so</li> <li>lib/aix/oci817_8/libweblogicoxa38.so</li> </ul>
	Oracle 9.0.1	<ul style="list-style-type: none"> <li>lib/aix/oci901_8/libweblogicoca38.so</li> <li>lib/aix/oci901_8/libweblogicoxa38.so</li> </ul>

## Known Issues

Issue	Workaround
WebLogic Server 7.0 does not provide a net installer for AIX.	See <a href="#">“Installing WebLogic Server 7.0.0.1” on page 4-4</a> .
WebLogic Server 7.0 does not support the ORB provided with the IBM SDK.	Use WebLogic Server’s ORB implementation, instead. To use this implementation, specify the following command on the client side: -Dweblogic.system.iiop.enableClient=true
UDP_SENDSIZE buffer size defaults to 9216 (9k). WebLogic Server sends fragments up to 32K. Using a buffer size smaller than 32 KB may cause an IO Exception.	<ol style="list-style-type: none"> <li>Set the buffer size to 32 KB by running the following command: no -o udp_sendspace=32768</li> <li>Reboot WebLogic Server.</li> </ol>
When you turn on JIT, some functions in the <code>weblogic.Admin</code> utility do not work properly with IBM SDK 1.3.1 32-bit PTF 1 (IY30887).	Apply IBM efix IY33728 by following the instructions in <a href="#">“Downloading and Installing the IBM SDK Fix” on page 4-4</a> .
WebLogic Server 7.0 uses its own JSSE implementation to handle SSL communication. However, this implementation does not work properly if you use IBM’s JSSE implementation as the Java extension.	Remove <code>ibmjss.jar</code> from the <code>jre/lib/ext</code> directory of the SDK installation from which you run WebLogic Server.

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 7.0, see:

<http://e-docs.bea.com/platform/docs70/interm/relnotes.html>

## Download and Installation Instructions

This section provides instructions for:

- [Downloading and Installing the IBM SDK Fix](#)
- [Installing WebLogic Server 7.0.0.1](#)

### Downloading and Installing the IBM SDK Fix

If you are using IBM SDK 1.3.1 32-bit PTF 1 (IY30887), you need to apply the efix available in PTF for APAR IY33728, available from IBM. This efix resolves PMR 74336,001,866, reported by BEA.

**Note:** IBM plans to include this efix in the next PTF release. The FTP site from which the efix described here is currently obtained will then be removed from IBM's Web site. Once the next release of the IBM SDK 1.3.1 PTF is available, you can get the efix described here by installing the new PTF release. For the date of that release, see the README file described in the following procedure.

To apply the efix in PTF for APAR IY33728, complete the following procedure:

1. Download the PTF for APAR IY33728, in the `installp` format, from the following FTP site:

<ftp://service.software.ibm.com/aix/efixes/iy33728/>

2. Install the efix by following the instructions in the README file provided at the FTP site.
3. Verify that the PTF for APAR IY33728 is applied by running the following command:

```
$ instfix -ivqk IY33728.
```

### Installing WebLogic Server 7.0.0.1

The commands used to install WebLogic Server vary from one operating system to another. In addition, command-line parameters vary to accommodate the three modes of installation available with WebLogic Server: graphical mode, console mode, and silent mode.

To install WebLogic Server on an AIX system, run the command appropriate for your installation mode:

- Graphical mode:

```
java -classpath pj_server700_generic.jar \  
com.bea.installer.BEAInstallController
```

- Console mode:

```
java -classpath pj_server700_generic.jar \  
com.bea.installer.BEAInstallController -mode=console
```

- Silent mode:

```
java -classpath pj_server700_generic.jar \  
com.bea.installer.BEAInstallController -mode=silent \  
-silent_xml=/path_to_silent.xml
```

For more information about installation, see [BEA WebLogic Server and WebLogic Express Installation Guide](#).

AIX 4.3.3 on PowerPC, POWER3 and POWER4 with WebLogic Server 7.0.0.1