BEA WebLogic Platform™

7.0 Supported Configurations: Sun Solaris 7 on SPARC

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CHAPTER 1

Sun Solaris 7 on SPARC with 7.0 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

Note: On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/software/solaris.
- For Sun's support services information site, see http://www.sun.com/service/warrantiescontracts. If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JVM problems).
- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 1-1 Requirements for 7.0 SP6 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)

Table 1-1 Requirements for 7.0 SP6 on Sun Solaris 7 on SPARC (Continued)

SDK	**Fully-supported**	
	Sun Java 2 SDK 1.3.1_14 (32-bit) and all later service packs of 1.3.1	• Supports the Java HotSpot™ Client and Server VMs. • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.3.1_14 with the Java HotSpot Server VM. For details, see "Using the HotSpot Virtual Machine" in "Performance Tuning" in "System Administration" in the *WebLogic Portal Administration Guide* at the following URL: `http://e-docs.bea.com/wlp/docs70/admin/sysadmin.htm`
	Client-only	
	Sun Java 2 SDK 1.4.2_06 (32-bit) with Java HotSpot™ Client VM and all later service packs of 1.4.2	• Supported only for WebLogic Server clients and the WebLogic Workshop IDE. Can be used to run WebLogic Server RMI or Web Services clients that remotely connect to a server running in a separate VM. • It is not supported by WebLogic Portal or WebLogic Integration clients and development tools. Is is also not supported by running server instances of WebLogic Server or other WebLogic Platform components.
Design and Development Tools	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see "Supported Configurations for Design and Development Tools in Version 7.0 SP6" in *Supported Configurations for WebLogic Platform 7.0*.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	

Table 1-1 Requirements for 7.0 SP6 on Sun Solaris 7 on SPARC (Continued)

BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.2.0	• `lib/solaris/oci920_8/libweblogicoci38.so` • `lib/solaris/oci920_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response. Subsequent calls to that machine time out because the IP number is incorrect.

  To determine whether you have this problem on your Solaris computer, run the following command:

  ```
  java utils.netAddresses
  ```

  If you see `127.0.0.1` in the output, ask the system administrator to move the computer's network IP address to the beginning of the `/etc/hosts` file.
- For information about suggested values for some Solaris TCP and VM-related tunable parameters, see "Operating System Tuning" in *BEA WebLogic Server 7.0 Performance and Tuning*.

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`

CHAPTER 2

Sun Solaris 7 on SPARC with 7.0 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

Note: On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/solaris.
- For Sun's support services information site, see http://www.sun.com/service/support. If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JVM problems).
- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 2-1 Requirements for 7.0 SP5 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)

Table 2-1 Requirements for 7.0 SP5 on Sun Solaris 7 on SPARC (Continued)

SDK	**Fully-supported**	
	Sun Java 2 SDK 1.3.1_10 (32 bit) and all later service packs of 1.3.1	• Supports the Java HotSpot™ Client and Server VMs. • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.3.1_10 with the Java HotSpot Server VM. For details, see "Using the HotSpot Virtual Machine" in "Performance Tuning" in "System Administration" in the *WebLogic Portal Administration Guide* at the following URL: `http://e-docs.bea.com/wlp/docs70/admin/sysadmin.htm`
	Client-only	
	Sun Java 2 SDK 1.4.2_03 (32 bit) with Java HotSpot™ Client VM and all later service packs of 1.4.2	• Supported only for WebLogic Server clients and the WebLogic Workshop IDE. Can be used to run WebLogic Server RMI or Web Services clients that remotely connect to a server running in a separate VM. • It is not supported by WebLogic Portal or WebLogic Integration clients and development tools. Is is also not supported by running server instances of WebLogic Server or other WebLogic Platform components.
Design and Development Tools	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see "Supported Configurations for Design and Development Tools in Version 7.0 SP5" in *Supported Configurations for WebLogic Platform 7.0*.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	

Table 2-1 Requirements for 7.0 SP5 on Sun Solaris 7 on SPARC (Continued)

BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.0.1	• `lib/solaris/oci901_8/libweblogicoci38.so` • `lib/solaris/oci901_8/libweblogicoxa38.so`
	Oracle 9.2.0	• `lib/solaris/oci920_8/libweblogicoci38.so` • `lib/solaris/oci920_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response. Subsequent calls to that machine time out because the IP number is incorrect.

  To determine whether you have this problem on your Solaris computer, run the following command:

  ```
  java utils.netAddresses
  ```

  If you see `127.0.0.1` in the output, ask the system administrator to move the computer's network IP address to the beginning of the `/etc/hosts` file.
- For information about suggested values for some Solaris TCP and VM-related tunable parameters, see "Operating System Tuning" in *BEA WebLogic Server 7.0 Performance and Tuning*.
- If you have problems with OutOfMemory errors and the JVM crashing with JDK 1.3, try setting: `-XX:MaxPermSize=128m`. For WebLogic Integration, use the following setting: `-XX:MaxPermSize=256m`.

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

CHAPTER 3

Sun Solaris 7 on SPARC 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

Note: On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/solaris.
- For Sun's support services information site, see http://www.sun.com/service/support. If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JVM problems).
- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 3-1 Requirements for 7.0 SP4 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)

Table 3-1 Requirements for 7.0 SP4 on Sun Solaris 7 on SPARC (Continued)

SDK	**Fully-supported**	
	Sun Java 2 SDK 1.3.1_08 (32 bit) and all later service packs of 1.3.1	• Supports the Java HotSpot™ Client and Server VMs • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.3.1_08 with the Java HotSpot Server VM. For details, see "Using the HotSpot Virtual Machine" in "Performance Tuning" in "System Administration" in the *WebLogic Portal Administration Guide* at the following URL: http://e-docs.bea.com/wlp/docs70/admin/sysadmin.htm
	Client-only	
	Sun Java 2 SDK 1.4.1_02 (32 bit) with Java HotSpot™ Client VM and all later service packs of 1.4.1	• Supported only for WebLogic Server clients and the WebLogic Workshop IDE. Can be used to run WebLogic Server RMI or Web Services clients that remotely connect to a server running in a separate VM. • It is not supported by WebLogic Portal or WebLogic Integration clients and development tools. Is is also not supported by running server instances of WebLogic Server or other WebLogic Platform components.
Design and Development Tools	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see "Supported Configurations for Design and Development Tools in Version 7.0 SP4" in *Supported Configurations for WebLogic Platform 7.0*.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	

Table 3-1 Requirements for 7.0 SP4 on Sun Solaris 7 on SPARC (Continued)

BEA jDrivers for Oracle	For this Oracle Server version:	These Oracle jDriver shared libraries are supported:
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.0.1	• `lib/solaris/oci901_8/libweblogicoci38.so` • `lib/solaris/oci901_8/libweblogicoxa38.so`
	Oracle 9.2.0	• `lib/solaris/oci920_8/libweblogicoci38.so` • `lib/solaris/oci920_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response.

To determine whether you have this problem on your Solaris computer, run the following command:

```
java utils.netAddresses
```

If you see `127.0.0.1` in the output, ask the system administrator to move the computer's network IP address to the beginning of the `/etc/hosts` file.

- For information about suggested values for some Solaris TCP and VM-related tunable parameters, see "Operating System Tuning" in *BEA WebLogic Server 7.0 Performance and Tuning*.
- If you have problems with OutOfMemory errors and the JVM crashing with JDK 1.3, try setting: `-XX:MaxPermSize=128m`. For WebLogic Integration, use the following setting: `-XX:MaxPermSize=256m`.

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`

CHAPTER 4

Sun Solaris 7 on SPARC with WebLogic Server 7.0 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

Note: On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/solaris.
- For Sun's support services information site, see http://www.sun.com/service/support. If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JVM problems).
- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 4-1 Requirements for 7.0 SP3 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7	
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)	
SDK	**Fully-supported**	
	Sun Java 2 SDK 1.3.1_08 (32 bit) and all later service packs of 1.3.1	Supports the Java HotSpot™ Client and Server VMs
	Client-only	
	Sun Java 2 SDK 1.4.1_02 (32 bit) with Java HotSpot™ Client VM and all later service packs of 1.4.1	• Supported only for WebLogic Server clients and the WebLogic Workshop IDE. Can be used to run WebLogic Server RMI or Web Services clients that remotely connect to a server running in a separate VM. • It is not supported by WebLogic Portal or WebLogic Integration clients and development tools. Is is also not supported by running server instances of WebLogic Server or other WebLogic Platform components.

Table 4-1 Requirements for 7.0 SP3 on Sun Solaris 7 on SPARC (Continued)

Design and Development Tools	Supports WebLogic Server development tools.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	
BEA jDrivers for Oracle	**For this Oracle client version:**	**The following shared libraries are provided:**
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.0.1	• `lib/solaris/oci901_8/libweblogicoci38.so` • `lib/solaris/oci901_8/libweblogicoxa38.so`
	Oracle 9.2.0	• `lib/solaris/oci920_8/libweblogicoci38.so` • `lib/solaris/oci920_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response.

  To determine whether you have this problem on your Solaris computer, run the following command:

```
java utils.netAddresses
```

If you see `127.0.0.1` in the output, ask the system administrator to move the computer's network IP address to the beginning of the `/etc/hosts` file.

- For information about suggested values for some Solaris TCP and VM-related tunable parameters, see "Operating System Tuning" in *BEA WebLogic Server 7.0 Performance and Tuning*.
- If you have problems with OutOfMemory errors and the JVM crashing with JDK 1.3, try setting: `-XX:MaxPermSize=128m`. For WebLogic Integration, use the following setting: `-XX:MaxPermSize=256m`.

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`

CHAPTER 5

Sun Solaris 7 on SPARC 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

Note: On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/solaris.
- For Sun's support services information site, see http://www.sun.com/service/support. If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JVM problems).
- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 5-1 Requirements for 7.0 SP2 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)

Table 5-1 Requirements for 7.0 SP2 on Sun Solaris 7 on SPARC (Continued)

SDK	**Fully-supported**	
	Sun Java 2 SDK 1.3.1_06 (32-bit) and all later service packs of 1.3.1	• Supports the Java HotSpot™ Client and Server VMs • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.3.1_06 with the Java HotSpot Server VM. For details, see "Using the HotSpot Virtual Machine" in "Performance Tuning" in "System Administration" in the *WebLogic Portal Administration Guide* at the following URL: `http://e-docs.bea.com/wlp/docs70/admin/sysadmin.htm`
	Client JVM	
	Sun Java 2 SDK 1.4.1 (32-bit) with Java HotSpot™ Client VM and all later service packs of 1.4.1	• Supported only for WebLogic Server clients and the WebLogic Workshop IDE. Can be used to run WebLogic Server RMI or Web Services clients that remotely connect to a server running in a separate VM. • It is not supported by WebLogic Portal or WebLogic Integration clients and development tools. Is is also not supported by running server instances of WebLogic Server or other WebLogic Platform components.
Design and Development Tools	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see "Supported Configurations for Design and Development Tools in Version 7.0 SP2" in *Supported Configurations for WebLogic Platform 7.0*.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	

Table 5-1 Requirements for 7.0 SP2 on Sun Solaris 7 on SPARC (Continued)

BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.0.1	• `lib/solaris/oci901_8/libweblogicoci38.so` • `lib/solaris/oci901_8/libweblogicoxa38.so`
	Oracle 9.2.0	• `lib/solaris/oci920_8/libweblogicoci38.so` • `lib/solaris/oci920_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response.

To determine whether you have this problem on your Solaris computer, run the following command:

```
java utils.netAddresses
```

If you see `127.0.0.1` in the output, ask the system administrator to move the computer's network IP address to the beginning of the `/etc/hosts` file.

- For information about suggested values for some Solaris TCP and VM-related tunable parameters, see "Operating System Tuning" in *BEA WebLogic Server 7.0 Performance and Tuning*.
- If you have problems with OutOfMemory errors and the JVM crashing with JDK 1.3, try setting: `-XX:MaxPermSize=128m`. For WebLogic Integration, use the following setting: `-XX:MaxPermSize=256m`.

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`

Sun Solaris 7 on SPARC 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

Note: On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/solaris.
- For Sun's support services information site, see http://www.sun.com/service/support. If you have a support contract for the use of Solaris platforms, you may be able to obtain support for general Java issues (for example, JVM problems).
- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 6-1 Requirements for 7.0 SP1 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7	If you are planning to use the Sun Java 2 SDK 1.3.1_03 with the Solaris operating system, you must install the latest Sun Java 2 SDK 1.3.1_03 patches. For additional information, see: http://java.sun.com/j2se/1.3/install-solaris-patches.html
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)	

Table 6-1 Requirements for 7.0 SP1 on Sun Solaris 7 on SPARC (Continued)

SDK	Sun Java 2 SDK 1.3.1_03 (32-bit) and all later service packs of 1.3.1	• Bundled with WebLogic Platform 7.0 SP1 and installed, automatically, under the BEA Home directory. • Supports the Java HotSpot™ Client and Server VMs • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.3.1 with the Java HotSpot Server VM. For details, see "Using the HotSpot Virtual Machine" in "Performance Tuning" in "System Administration" in the *WebLogic Portal Administration Guide* at the following URL: `http://e-docs.bea.com/wlp/docs70/admin/sysadmin.htm`
	Sun Java 2 SDK 1.3.1_04	Supported on WebLogic Server and WebLogic Portal only.
	Sun Java 2 SDK 1.3.1_06	Supported on WebLogic Server only.
Design and Development Tools	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see "Supported Configurations for Design and Development Tools in Version 7.0 SP1" in *Supported Configurations for WebLogic Platform 7.0*.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	
BEA jDrivers for Oracle	**For this Oracle client version:**	**The following shared libraries are provided:**
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.0.1	• `lib/solaris/oci901_8/libweblogicoci38.so` • `lib/solaris/oci901_8/libweblogicoxa38.so`
	Oracle 9.2.0 (Requires Sun Java 2 SDK 1.3.1_04 and higher)	• `lib/solaris/oci920_8/libweblogicoci38.so` • `lib/solaris/oci920_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response.

  To determine whether you have this problem on your Solaris computer, run the following command:

  ```
  java utils.netAddresses
  ```

  If you see `127.0.0.1` in the output, ask the system administrator to move the computer's network IP address to the beginning of the `/etc/hosts` file.
- For information about suggested values for some Solaris TCP and VM-related tunable parameters, see "Operating System Tuning" in *BEA WebLogic Server 7.0 Performance and Tuning*.
- If you have problems with OutOfMemory errors and the JVM crashing with JDK 1.3, try setting: `-XX:MaxPermSize=128m`. For WebLogic Integration, use the following setting: `-XX:MaxPermSize=256m`.

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`

CHAPTER 7

Sun Solaris 7 on SPARC with WebLogic Platform 7.0

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

Notes: The version of WebLogic Server included with WebLogic Platform 7.0 GA is version 7.0.0.1. It contains updates to the WebLogic Server 7.0 GA version (7.0.0.0). Support information that applies only to WebLogic Server 7.0 GA is identified below.

On December 31, 2005, BEA will end support for WebLogic Platform 7.0 on Solaris 7 configurations. BEA recommends that all customers currently running WebLogic Platform 7.0 on Solaris 7 upgrade to a version of Solaris for which support will be continued.

This section provides the following information:

- Configuration Requirements
- Known Issues

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 Sun Solaris 7, visit Sun's Solaris Web page at: http://www.sun.com/solaris.
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- You can run WebLogic software on Solaris using the SDK available from Sun Microsystems at: http://java.sun.com/products/?frontpage-main. BEA recommends using the latest available versions of the JVMs supported by BEA, except where noted otherwise in our *Supported Configurations* document.

Configuration Requirements

Table 7-1 Requirements for WebLogic Platform 7.0 on Sun Solaris 7 on SPARC

Operating System Version and Patches	Solaris 7	If you are planning to use the Sun Java 2 SDK 1.3.1_03 with the Solaris operating system, you must install the latest Sun Java 2 SDK 1.3.1_03 patches. For additional information, see: http://java.sun.com/j2se/1.3/install-solaris-patches.html.
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)	

Table 7-1 Requirements for WebLogic Platform 7.0 on Sun Solaris 7 on SPARC (Continued)

SDK	Sun Java 2 SDK 1.3.1_03 (32-bit)	• Bundled with BEA WebLogic Platform and installed, automatically, under the BEA Home directory. • Supports the Java HotSpot™ Client and Server VMs. • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.3.1 with the Java HotSpot Server VM. For details, see "Using the HotSpot Virtual Machine" in "Performance Tuning" in "System Administration" in the *WebLogic Portal Administration Guide* at the following URL: `http://e-docs.bea.com/wlp/docs70/admin/sysadmin.htm`
	Sun Java 2 SDK 1.3.1_02 (32-bit) and all later service packs of 1.3.1	• Supported only on WebLogic Server 7.0 GA. • Supports the Java HotSpot™ Client and Server VMs.
Design and Development Tools	Supports WebLogic Server development tools. For more information about WebLogic Platform design and development tools support, see "Supported Configurations for Design and Development Tools in Version 7.0 GA" in *Supported Configurations for WebLogic Platform 7.0*.	
RAM	512 MB required; 1 GB recommended	
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements.	
Performance Pack	Included	
Node Manager	Java	
BEA jDrivers for Oracle	**For this Oracle client version:**	**The following shared libraries are provided:**
	Oracle 8.1.7	• `lib/solaris/oci817_8/libweblogicoci38.so` • `lib/solaris/oci817_8/libweblogicoxa38.so`
	Oracle 9.0.1	• `lib/solaris/oci901_8/libweblogicoci38.so` • `lib/solaris/oci901_8/libweblogicoxa38.so`

Known Issues

- The 7.3.4 jDriver for Oracle is not supported with JDK 1.3.1.
- Some Solaris JVMs report an incorrect IP number. The IP number reported for the machine is the first number in the `/etc/hosts` file. Unfortunately, this number is frequently `127.0.0.1`, the standard loopback network address for the machine. This problem affects licenses granted for specific IP numbers. We have also observed this problem in a cluster where an HTTP request is passed by a Web server or another WebLogic Server via the HttpClusterServlet, to a WebLogic Server running on a Solaris machine with this configuration problem. The `127.0.0.1` IP number is carried with the server's response.

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- If you have problems with OutOfMemory errors and the JVM crashing with JDK 1.3, try setting: `-XX:MaxPermSize=128m`. For WebLogic Integration, use the following setting: `-XX:MaxPermSize=256m`.

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`