BEA WebLogic Platform™

7.0 Supported Configurations: Sun Solaris 10 on SPARC

Version 7.0
Document Revised: October 14, 2006

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CHAPTER 1

Sun Solaris 10 on SPARC with 7.0 SP7

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
- Configuring Your WebLogic Server Installation for Multi-Zone Operation

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 10, 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 SP7 on Sun Solaris 10 on SPARC

Operating System Version and Patches	Solaris 10	
Chip Architecture and Minimum Processor Speed	UltraSPARC (168 MHz)	
SDK	Sun Java 2 SDK 1.4.2_10 and all later service packs of 1.4.2 with the Java HotSpot™ Client and Server VMs (32-bit)	• Supports the Java HotSpot™ Client and Server VMs. • WebLogic Integration and WebLogic Portal are configured to use the Sun Java 2 SDK 1.4.2_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
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 SP7" 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	

Table 1-1 Requirements for 7.0 SP7 on Sun Solaris 10 on SPARC (Continued)

Node Manager	Java	
BEA jDrivers for Oracle	Oracle 9.2.0	The following shared libraries are provided: • lib/solaris/oci920_8/libweblogicoci38.so • lib/solaris/oci920_8/libweblogicoxa38.so

Known Issues

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`

Configuring Your WebLogic Server Installation for Multi-Zone Operation

WebLogic Server 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 Server installation to accommodate Solaris Zones, complete the following procedure:

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

   Note: BEA strongly recommends this step so you can avoid installing WebLogic Server in the default root file system. If WebLogic Server 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 Server 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. See Understanding WebLogic Server Domains in *Understanding Domain Configuration*: