



BEA WebLogic Platform™

**7.0 Supported
Configurations: HP
NonStop™ Server
G06.20 on MIPS**

Copyright

Copyright © 2004 BEA Systems, Inc. All Rights Reserved.

Restricted Rights Legend

This software and documentation is subject to and made available only pursuant to the terms of the BEA Systems License Agreement and may be used or copied only in accordance with the terms of that agreement. It is against the law to copy the software except as specifically allowed in the agreement. This document may not, in whole or in part, be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form without prior consent, in writing, from BEA Systems, Inc.

Use, duplication or disclosure by the U.S. Government is subject to restrictions set forth in the BEA Systems License Agreement and in subparagraph (c)(1) of the Commercial Computer Software-Restricted Rights Clause at FAR 52.227-19; subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013, subparagraph (d) of the Commercial Computer Software--Licensing clause at NASA FAR supplement 16-52.227-86; or their equivalent.

Information in this document is subject to change without notice and does not represent a commitment on the part of BEA Systems. THE SOFTWARE AND DOCUMENTATION ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FURTHER, BEA Systems DOES NOT WARRANT, GUARANTEE, OR MAKE ANY REPRESENTATIONS REGARDING THE USE, OR THE RESULTS OF THE USE, OF THE SOFTWARE OR WRITTEN MATERIAL IN TERMS OF CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE.

Trademarks or Service Marks

BEA, Jolt, Tuxedo, and WebLogic are registered trademarks of BEA Systems, Inc. BEA Builder, BEA Campaign Manager for WebLogic, BEA eLink, BEA Liquid Data for WebLogic, BEA Manager, BEA WebLogic Commerce Server, BEA WebLogic Enterprise, BEA WebLogic Enterprise Platform, BEA WebLogic Enterprise Security, BEA WebLogic Express, BEA WebLogic Integration, BEA WebLogic Personalization Server, BEA WebLogic Platform, BEA WebLogic Portal, BEA WebLogic Server, BEA WebLogic Workshop and How Business Becomes E-Business are trademarks of BEA Systems, Inc.

All other trademarks are the property of their respective companies.

Contents

HP NonStop™ Server G06.20 on MIPS with WebLogic Server 7.0 SP1

Configuration Requirements	1-2
Known Issues	1-2
Download and Installation Instructions	1-3
Downloading the Installer	1-3
Installing WebLogic Server and the Supplemental JAR File	1-3
Installing HP NonStop Server Toolkit for WebLogic Server	1-5

HP NonStop™ Server G06.20 on MIPS with WebLogic Server 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](#)

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 HP NonStop Server with WebLogic Server 7.0 SP1, visit the following HP Web site: <http://h71033.www7.hp.com/nsswdocs/weblogic/home.htm>.

Configuration Requirements

Table 1-1 Requirements for WebLogic Server 7.0 SP1 on HP NonStop™ Server on MIPS

Operating System Version and Patches	HP NonStop™ Kernel G06.20 SUT with Parallel Library TCP/IP Release 3 SPR AAQ or later (included on G06.20 SUT)
Chip Architecture and Minimum Processor Speed	Any HP NonStop™ S-series server except S70000 and S700B
SDK	HP NonStop™ Server for Java version 3.1 with one of the following Software Product Revisions (SPR): <ul style="list-style-type: none">• Update 3 containing SPR T0083AAQ ((build T0083V31_16JUN2003_jdk131_V31AAQ, posix_threads)• Update 4 containing SPR T0083AAS (build T0083V31_10SEP2003_jdk131_V31AAS, posix_threads)
Design and Development Tools	Supports WebLogic Server development tools.
RAM	Minimum of 2 GB of memory per processor
Disk Space	For any components of WebLogic Platform or for the full WebLogic Platform product, see Disk Space Requirements .
Performance Pack	None
Node Manager	Included
BEA jDrivers for Oracle	None

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 7.0, see:

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

Download and Installation Instructions

Before you start the installation process, verify that your system meets the requirements specified in [Configuration Requirements](#).

This section provides instructions required to install WebLogic Server 7.0 SP1 on HP NonStop™ Server on MIPS:

- [Downloading the Installer](#)
- [Installing WebLogic Server and the Supplemental JAR File](#)
- [Installing HP NonStop Server Toolkit for WebLogic Server](#)

Downloading the Installer

1. Go to the BEA download site: <http://commerce.bea.com> and locate your WebLogic Server release and Service Pack.
2. Select HP NonStop™ server.
3. Download the WebLogic installation file: `pj_server701_generic.jar`.
4. Download the supplemental JAR file for HP NonStop™ server:
`weblogic700sp1_hpns_supp.jar`.

This jar file provides HP NonStop™ -specific modifications to the standard files delivered with WebLogic Server 7.0 SP1.

Note: For more information about downloading and installing WebLogic Server, see [WebLogic Server and WebLogic Express Installation Guide](#).

Installing WebLogic Server and the Supplemental JAR File

Complete the following procedure:

1. Set the `JAVA_HOME` environment variable to the directory in which the NonStop™ server for Java is installed, and export `JAVA_HOME`. For example:

```
export JAVA_HOME=/usr/tandem/java
```
2. Verify that your `PATH` variable includes `$JAVA_HOME/bin`. For example:

```
export PATH=$JAVA_HOME/bin:$PATH
```

3. Display the installation instructions for WebLogic Server, available at <http://edocs.bea.com/wls/docs70/install/index.html>.
4. Following the console-mode installation instructions, install WebLogic 7.0 SP1. During the installation process, write down the values that you set for BEA_HOME (BEA Home Directory) and WL_HOME (Product Installation Directory) during installation. You will need these values later in the installation process.

5. Set the JARFILE environment variable to the absolute path for the downloaded supplemental JAR file. For example:

```
export JARFILE=absolute-path/weblogic700sp1_hpns_supp.jar
```

6. Set the environment variable WL_HOME to the directory in which you installed WebLogic Server (step 4). For example:

```
export WL_HOME=/usr/boa/weblogic700
```

7. Go to \$WL_HOME/server/bin:

```
$ cd $WL_HOME/server/bin
```

8. Set a shell environment variable to the names of the script files to be extracted from the supplemental JAR file. For example, if you create a variable called FILES, you might assign the following value to it:

```
$ FILES="setWLSEnv.sh startNodeManager.sh startWLS.sh"
```

9. Rename existing shell scripts so they are not overwritten:

```
$ for A in $FILES; do mv $A ${A}_BEA; done
```

10. Extract the script files from the supplemental JAR file:

```
$ jar -xvf $JARFILE $FILES
```

11. Set the correct values for the environment variables WL_HOME (set in step 4) and JAVA_HOME (set in step 1) in the following shell script:

```
setWLSEnv.sh
```

12. Set the correct values for the environment variables BEA_HOME, WL_HOME, (set in step 4) and JAVA_HOME (set in step 1) in the following shell scripts:

```
startNodeManager.sh  
startWLS.sh
```

13. Set the correct execution mode on the three files just modified:

```
$ chmod +x $FILES
```


14. Confirm that WebLogic Server 7.0 SP1 has been installed by completing the instructions in “Performing Post-Installation Tasks” at

<http://e-docs.bea.com/wls/docs70/install/instpos.html>

When you finish running the samples described in that document, stop them.

Installing HP NonStop Server Toolkit for WebLogic Server

Note: Installation of HP NonStop Server Toolkit for BEA WebLogic Server is required only if you plan to use BEA WebLogic Server with NonStop SQL/MX. If you do not plan to use WebLogic Server with NonStop SQL/MX, skip this procedure.

1. Open the *HP NonStop Server Platform Guide for WebLogic Server* at:
<http://h71033.www7.hp.com/nsswdocs/weblogic/home.htm>.
2. Following the instructions, install the HP NonStop Server Toolkit for BEA WebLogic Server.

HP NonStop™ Server G06.20 on MIPS with WebLogic Server 7.0 SP1