



BEA WebLogic Platform™

8.1 Supported Configurations: HP-UX 11i V2 on PA-RISC

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Contents

1. HP-UX 11i V2 on PA-RISC with 8.1 SP6

Configuration Requirements	1-2
Known Issues	1-3
WebLogic Platform 8.1 SP6 Installation Instructions	1-3

2. HP-UX 11i V2 on PA-RISC with 8.1 SP5

Configuration Requirements	2-2
Known Issues	2-2

3. HP-UX 11i V2 on PA-RISC with WebLogic Server 8.1 SP4

Configuration Requirements	2-2
Known Issues	2-3

HP-UX 11i V2 on PA-RISC with 8.1 SP6

BEA also supports WebLogic Integration 8.5 SP6 on this configuration.

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](#)
- [WebLogic Platform 8.1 SP6 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 11i V2, visit HP's Web site: <http://www.hp.com>.

Configuration Requirements

Table 1-1 Requirements for 8.1 SP6 on HP-UX 11i V2 on PA-RISC

Operating System Version and Patches	HP-UX 11i V2 with required HP-UX patches for Java™, see http://www.hp.com/products1/unix/java/patches/index.html .	
Chip Architecture and Minimum Processor Speed	PA-RISC (240 MHz)	
SDK	HP-UX SDK 1.4.2.10 with Java HotSpot™ Server VM (32-bit)	WebLogic Platform 8.1 SP6 supports HP SDK 1.4.2.10 and all later SDK 1.4.2 service packs for development and production deployment on HP-UX.
Design and Development Tools	The WebLogic Workshop IDE and WebLogic Integration Format Builder are not supported on this system. This system is supported for the production deployment of applications developed in the WebLogic Workshop IDE, and for remote debugging of applications developed in the WebLogic Workshop IDE. This system is also supported for the development and production deployment of WebLogic Server applications developed with other tools.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	lib/hpux11/libmuxer.sl
Node Manager	Included	Native
BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 9.2.0.5 and later patch sets	<ul style="list-style-type: none">lib/hpux11/oci920_8/libweblogicoci39.sllib/hpux11/oci920_8/libweblogicoxa39.sl

Known Issues

1. The HP-UX 11.0 default value for maximum threads per process is 64, which may be too low for WebLogic Server and many Java server applications in general. When the value is too low, WebLogic Server may have problems starting up.

BEA recommends that you use the maximum kernel setting for the `max_thread_proc` and `maxusers` parameters. Setting `maxusers` to a higher value increases other machine-wide limits, such as `nkthread` (the maximum number of kernel threads). The following table provides some examples.

Parameter	Old Value	New Value	Description
<code>max_thread_proc</code>	64	1024	Maximum threads per process
<code>maxfiles</code>	60	256	Soft file limit per process
<code>maxusers</code>	32	256	Influences other parameters
<code>nkthread</code>	499	3635	Total number of threads on the system
<code>nproc</code>	276	2068	Maximum number of processes
<code>ncallout</code>	292	2084	Number of pending timeouts

2. If you upgrade from 8.1 SP4 or SP5 to 8.1 SP6 by using Smart Update or the Upgrade Installer on an HP-UX 11i V2 on PA-RISC configuration, and then try to use the same tool to downgrade from 8.1 SP6 to 8.1 SP5 or SP4, the downgrade attempt may fail.

BEA recommends that you set the `maxdsiz` kernel parameter to a minimum value of 2 GB.

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>

WebLogic Platform 8.1 SP6 Installation Instructions

To install WebLogic Platform 8.1 SP6 on HP 11i v2 on PA-RISC:

1. Go to the BEA Downloads site (<http://commerce.bea.com>) and download the appropriate package installer:

- For WebLogic Platform: `platform816_hpux32.bin`
 - For WebLogic Server: `server816_hpux32.bin`
2. Install WebLogic Platform or WebLogic Server following the instructions provided in the [Starting Graphical-Mode Installation for .bin Installation Files](#) section of *Installing WebLogic Platform*.

For more information on installing WebLogic Platform or WebLogic Server, refer to [Installing WebLogic Platform](#).

HP-UX 11i V2 on PA-RISC with 8.1 SP5

BEA also supports WebLogic Integration 8.5 SP5 on this configuration.

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](#)

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 HP-UX 11i V2, visit HP's Web site: <http://www.hp.com>.

Configuration Requirements

Table 2-1 Requirements for 8.1 SP5 on HP-UX 11i V2 on PA-RISC

Operating System Version and Patches	HP-UX 11i V2 (32-bit) with required HP-UX patches for Java™, see http://www.hp.com/products1/unix/java/patches/index.html .	
Chip Architecture and Minimum Processor Speed	PA-RISC (240 MHz)	
SDK	HP-UX SDK 1.4.2.08 with Java HotSpot™ Server VM (32-bit)	WebLogic Platform 8.1 SP5 supports HP SDK 1.4.2.08 and all later SDK 1.4.2 service packs for development and production deployment on HP-UX.
Design and Development Tools	Supports WebLogic Server development tools.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	lib/hpux11/libmuxer.sl
Node Manager	Included	Native
BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 9.2.0.5 and later patch sets	<ul style="list-style-type: none">lib/hpux11/oci920_8/libweblogicoci39.sllib/hpux11/oci920_8/libweblogicoxa39.sl

Known Issues

- The HP-UX 11.0 default value for maximum threads per process is 64, which may be too low for WebLogic Server and many Java server applications in general. When the value is too low, WebLogic Server may have problems starting up.

BEA recommends that you use the maximum kernel setting for the `max_thread_proc` and `maxusers` parameters. Setting `maxusers` to a higher value increases other machine-wide limits, such as `nkthread` (the maximum number of kernel threads). The following table provides some examples.

Parameter	Old Value	New Value	Description
<code>max_thread_proc</code>	64	1024	Maximum threads per process
<code>maxfiles</code>	60	256	Soft file limit per process
<code>maxusers</code>	32	256	Influences other parameters
<code>nkthread</code>	499	3635	Number of threads total on the system
<code>nproc</code>	276	2068	Maximum number of processes
<code>ncallout</code>	292	2084	Number of pending timeouts

- If you upgrade from 8.1 SP3 or SP4 to 8.1 SP5 by using SmartUpdate or the Upgrade Installer on an HP-UX 11i V2 on PA-RISC configuration, and then try to use the same tool to downgrade from 8.1 SP5 to 8.1 SP4 or SP3, the downgrade attempt may fail.

BEA recommends that you set the `maxdsiz` kernel parameter to a minimum value of 2 GB. This problem is being tracked by CR204521.

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>

HP-UX 11i V2 on PA-RISC with 8.1 SP5

HP-UX 11i V2 on PA-RISC with WebLogic Server 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](#)

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 HP-UX 11i V2, visit HP’s Web site: <http://www.hp.com>.

Configuration Requirements

Table 3-1 Requirements for WebLogic Server 8.1 SP4 on HP-UX 11i V2 on PA-RISC

Operating System Version and Patches	HP-UX 11i V2 with required HP-UX patches for Java™, see http://www.hp.com/products1/unix/java/patches/index.html .	
Chip Architecture and Minimum Processor Speed	PA-RISC (240 MHz)	
SDK	HP-UX SDK 1.4.2.05 with Java HotSpot™ Server VM (32-bit)	WebLogic Platform 8.1 SP4 supports HP SDK 1.4.2.05 and all later SDK 1.4.2 service packs for development and production deployment on HP-UX.
Design and Development Tools	Supports WebLogic Server development tools.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	lib/hpux11/libmuxer.sl
Node Manager	Included	Native
BEA jDrivers for Oracle	For this Oracle client version:	The following shared libraries are provided:
	Oracle 9.2.0.5 and later patch sets	<ul style="list-style-type: none">lib/hpux11/oci920_8/libweblogicoci39.sllib/hpux11/oci920_8/libweblogicoxa39.sl
	Oracle 8.1.7.4 and later patch sets	<ul style="list-style-type: none">lib/hpux11/oci817_8/libweblogicoci39.sllib/hpux11/oci817_8/libweblogicoxa39.sl

Known Issues

- The HP-UX 11.0 default value for maximum threads per process is 64, which may be too low for WebLogic Server and many Java server applications in general. When the value is too low, WebLogic Server may have problems starting up.

BEA recommends that you use the maximum kernel setting for the `max_thread_proc` and `maxusers` parameters. Setting `maxusers` to a higher value increases other machine-wide limits, such as `nkthread` (the maximum number of kernel threads). The following table provides some examples.

Parameter	Old Value	New Value	Description
<code>max_thread_proc</code>	64	1024	Maximum threads per process
<code>maxfiles</code>	60	256	Soft file limit per process
<code>maxusers</code>	32	256	Influences other parameters
<code>nkthread</code>	499	3635	Number of threads total on the system
<code>nproc</code>	276	2068	Maximum number of processes
<code>ncallout</code>	292	2084	Number of pending timeouts

- If you upgrade from 8.1 SP3 to 8.1 SP4 by using SmartUpdate or the Upgrade Installer on an HP-UX 11i V2 on PA-RISC configuration, and then try to use the same tool to downgrade from 8.1 SP4 to 8.1 SP3, the downgrade attempt may fail.

BEA recommends that you set the `maxdsiz` kernel parameter to a minimum value of 2 GB. This problem is being tracked by CR204521.

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>

HP-UX 11i V2 on PA-RISC with WebLogic Server 8.1 SP4