BEA WebLogic Platform™

8.1 Supported Configurations: Novell SUSE Linux Enterprise Server 9 on x86

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CHAPTER 1

Novell SUSE Linux Enterprise Server 9 on x86 with 8.1 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

This section provides the following information:

- Related 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 Novell SUSE Linux Enterprise Server 9 on x86, visit the following Novell Web site: `http://www.novell.com/linux/suse/index.html`.

Configuration Requirements

Table 1-1 Requirements for 8.1 SP6 on Novell SUSE Linux Enterprise Server 9 on x86

Operating System Version and Patches	Novell SUSE Linux Enterprise Server (SLES) 9 SP2 with Kernel 2.6.5-7.191-smp with glibc-2.3.3-98.47 and later SUSE service packs and errata	
Chip Architecture and Minimum Processor Speed	Xeon, Pentium II or higher, x86, and compatible chip architectures (2.5 GHz)	
SDK	BEA JRockit 1.4.2_10 R26.3.0-32_CR283061 and all later 1.4.2 releases of JRockit	
Design and Development Tools	WebLogic Server development tools are supported.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	`lib/linux/i686/libmuxer.so`
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	• `lib/linux/i686/oci920_8/libweblogicoci39.so` • `lib/linux/i686/oci920_8/libweblogicoxa39.so`

Known Issues

The `setuid` functionality does not work with this SDK due to the way the current Linux thread model works. When you use ports lower than 1024, you cannot switch from root to a non-privileged user ID with the `setuid` function.

WebLogic Platform 8.1 SP6 Installation Instructions

To install WebLogic Platform 8.1 SP6 on Suse Linux Enterprise Server:

1. Go to the BEA download site: http://commerce.bea.comand download the appropriate package installer:
   - For WebLogic Platform: `platform816_linux32.bin`
   - For WebLogic Server: `server816_linux32.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.

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

CHAPTER 2

Novell SUSE Linux Enterprise Server 9 on x86 with 8.1 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

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 Novell SUSE Linux Enterprise Server 9 on x86, visit the following Novell Web site: `http://www.novell.com/linux/suse/index.html`.

Configuration Requirements

Table 2-1 Requirements for 8.1 SP5 on Novell SUSE Linux Enterprise Server 9 on x86

Operating System Version and Patches	Novell SUSE Linux Enterprise Server (SLES) 9 SP2 with Kernel 2.6.5-7.191-smp with glibc-2.3.3-98.47 and later SUSE service packs and errata	
Chip Architecture and Minimum Processor Speed	Xeon, Pentium II or higher, x86, and compatible chip architectures (2.5 GHz)	
SDK	BEA JRockit 1.4.2_08 SDK and all later 1.4.2 releases of JRockit	
Design and Development Tools	WebLogic Server development tools are supported.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	`lib/linux/i686/libmuxer.so`
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	• `lib/linux/i686/oci920_8/libweblogicoci39.so` • `lib/linux/i686/oci920_8/libweblogicoxa39.so`

Known Issues

The `setuid` functionality does not work with this SDK due to the way the current Linux thread model works. When you use ports lower than 1024, you cannot switch from root to a non-privileged user ID with the `setuid` function.

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

CHAPTER 3

Novell SUSE Linux Enterprise Server 9.0 on x86 with 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 Novell SUSE Linux Enterprise Server 9.0 on x86, visit the following Novell Web site: `http://www.novell.com/linux/suse/index.html`.

Configuration Requirements

Table 3-1 Requirements for 8.1 SP4 on Novell SUSE Linux Enterprise Server 9.0 on x86

Operating System Version and Patches	Novell SUSE Linux Enterprise Server (SLES) 9.0 with Kernel 2.6.5-7.97-bigsmp with glibc-2.3.3-98.28 (32-bit) and later SUSE service packs and errata	
Chip Architecture and Minimum Processor Speed	Xeon, Pentium II or higher, x86, and compatible chip architectures (2.5 GHz)	
SDK	WebLogic JRockit 1.4.2_05 SDK and all later 1.4.2 releases of JRockit	
Design and Development Tools	WebLogic Server development tools are supported.	
RAM	512 MB required; 1 GB recommended	
Performance Pack	Included	`lib/linux/i686/libmuxer.so`
Node Manager	Included	Native
BEA jDrivers for Oracle	**For this Oracle client version:**	**The following shared libraries are provided:**
	Oracle 9.2.0.4 and later patch sets	• `lib/linux/i686/oci920_8/libweblogicoci39.so` • `lib/linux/i686/oci920_8/libweblogicoxa39.so`

Known Issues

The `setuid` functionality does not work with this SDK due to the way the current Linux thread model works. When you use ports lower than 1024, you cannot switch from root to a non-privileged user ID with the `setuid` function.

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