# BEA WebLogic Platform™

## 8.1 Supported Configurations: Novell SUSE LINUX® Enterprise Server 8 on x86

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CHAPTER 1

# Novell SUSE LINUX Enterprise Server 8.0 on x86 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 Novell SUSE LINUX Enterprise Server 8.0 on x86, visit the following Novell Web site: `http://www.novell.com/linux/suse/index.html`.

# Configuration Requirements

**Table 1-1 Requirements for WebLogic Server 8.1 SP4 on Novell SUSE LINUX Enterprise Server 8.0 on x86**

| | | |
|---|---|---|
| **Operating System Version and Patches** | Novell SUSE LINUX Enterprise Server (SLES) 8.0 with Kernel 2.4.21-138-smp with glibc-2.2.5-213 (32-bit) | |
| **Chip Architecture and Minimum Processor Speed** | Xeon, Pentium II or higher, x86, and compatible chip architectures (2.2 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`<br>• `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 this release, see the WebLogic Server 8.1 *Release Notes* document:

`http://e-docs.bea.com/wls/docs81/notes/index.html`

CHAPTER 2

# Novell SUSE LINUX Enterprise Server 8 on x86 with 8.1 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

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.*

# Configuration Requirements

**Table 2-1 Requirements for 8.1 SP2 on Novell SUSE LINUX Enterprise Server 8 on x86**

| | | |
|---|---|---|
| **Operating System Version and Patches** | Novell SUSE LINUX Enterprise Server (SLES) 8 with Kernel 2.4.19-64GB-SMP with glibc 2.2.5 (32-bit) | |
| **Chip Architecture and Minimum Processor Speed** | Xeon, Pentium II or higher, x86, and compatible chip architectures (400 MHz) | |
| **SDK** | WebLogic JRockit 1.4.2_04 SDK | • WebLogic Platform 8.1 SP2 supports the WebLogic JRockit 1.4.2_04 SDK and all later releases of JRockit 1.4.2.<br>• The WebLogic JRockit 1.4.2_04 SDK is not provided with the WebLogic Platform installer; you must download and install it separately on your system. To download the WebLogic JRockit 1.4.2_04 SDK, go to:<br>`http://commerce.bea.com`<br>• Support for the WebLogic JRockit 1.4.2_04 SDK, and all later service packs of 1.4.2, requires the WebLogic Platform 8.1 SP2 SDK 1.4.2/Oracle10gdriver/Database patch, which is available at `http://dev2dev.bea.com/products/wlplatform81/patch/wlplat81sp2_patch.jsp`. |
| | WebLogic JRockit 8.1 SP2 (J2SE 1.4.1) | WebLogic Platform 8.1 SP2 supports WebLogic JRockit 8.1 SP2 (J2SE 1.4.1) and all later releases of 1.4.1. |
| **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/linux/i686/libmuxer.so` |
| **Node Manager** | Included | Native |

**Table 2-1 Requirements for 8.1 SP2 on Novell SUSE LINUX Enterprise Server 8 on x86**

| BEA jDrivers for Oracle | For this Oracle client version: | The following shared libraries are provided: |
|---|---|---|
| | Oracle 8.1.7.4 | • `lib/linux/i686/oci817_8/libweblogicoci39.so`<br>• `lib/linux/i686/oci817_8/libweblogicoxa39.so` |
| | Oracle 9.0.1.4 | • `lib/linux/i686/oci901_8/libweblogicoci39.so`<br>• `lib/linux/i686/oci901_8/libweblogicoxa39.so` |
| | Oracle 9.2.0.3 | • `lib/linux/i686/oci920_8/libweblogicoci39.so`<br>• `lib/linux/i686/oci920_8/libweblogicoxa39.so` |

# Known Issues

The `setuid` function does not work with this JDK 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 by using 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`

Novell SUSE LINUX Enterprise Server 8 on x86 with 8.1 SP2

CHAPTER 3

# Novell SUSE LINUX Enterprise Server 8 on x86 with WebLogic Server 8.1

**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.*

# Configuration Requirements

**Table 3-1 Requirements for WebLogic Server 8.1 on Novell SUSE LINUX Enterprise Server 8 on x86**

| | | |
|---|---|---|
| **Operating System Version and Patches** | Novell SUSE LINUX Enterprise Server (SLES) 8 with Kernel 2.4.19-64GB-SMP with glibc 2.2.5 (32-bit) | |
| **Chip Architecture and Minimum Processor Speed** | Xeon, Pentium II or higher, x86, and compatible chip architectures (400 MHz) | |
| **SDK** | WebLogic JRockit 8.1 (J2SE 1.4.1) | WebLogic Server 8.1 supports WebLogic JRockit 8.1 (J2SE 1.4.1) and all later 1.4.1 releases of JRockit. |
| **Design and Development Tools** | Supports WebLogic Server development tools. | |
| **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 8.1.7.4 | • `lib/linux/i686/oci817_8/libweblogicoci39.so`<br>• `lib/linux/i686/oci817_8/libweblogicoxa39.so` |
| | Oracle 9.0.1.4 | • `lib/linux/i686/oci901_8/libweblogicoci39.so`<br>• `lib/linux/i686/oci901_8/libweblogicoxa39.so` |
| | Oracle 9.2.0.3 | • `lib/linux/i686/oci920_8/libweblogicoci39.so`<br>• `lib/linux/i686/oci920_8/libweblogicoxa39.so` |

# Known Issues

The `setuid` function 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 by using the `setuid` function.

For more information about known issues with this release, see the WebLogic Server 8.1 *Release Notes*:

`http://e-docs.bea.com/wls/docs81/notes/index.html`