

# Oracle® WebLogic Server

Release Notes

11g Release 1 (10.3.3) for IBM: Linux on System z

E15731-05

May 2010

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This chapter describes issues associated with Oracle WebLogic Server installation and configuration. It includes the following topic:

- [Section 1, "Installation Issues and Workarounds"](#)
- [Section 2, "Documentation Accessibility"](#)

## 1 Installation Issues and Workarounds

This section describes the issues with WebLogic Server installation and workarounds. It includes the following topics:

- [Section 1.1, "Improper Rollback to Previous Installation May Occur After Exiting an Upgrade Installation Prematurely"](#)
- [Section 1.2, "Installation Fails with Fatal Error"](#)
- [Section 1.3, "Process to Install and Configure WebLogic Server"](#)
- [Section 1.4, "Patch for NoClassDefFoundError While Using JACC in zLinux"](#)

### 1.1 Improper Rollback to Previous Installation May Occur After Exiting an Upgrade Installation Prematurely

When using an Upgrade installer or Smart Update to upgrade an existing WebLogic Server 10.3.x installation to WebLogic Server 10.3.3, if you abort the upgrade before completion, the installation should automatically roll back to the prior installation. This may not always occur, resulting in an unusable installation.

### 1.2 Installation Fails with Fatal Error

The installer does not verify whether sufficient disk space is available on the machine prior to completing the installation. As a result, if an installation cannot be completed due to insufficient space, the installer displays the following error message and exits:

```
Fatal error encountered during file installation. The installer will now  
cleanup and exit!
```

#### Workaround

If this problem occurs, restart the installer using the following command:

```
$JAVA_HOME/bin/java -jar wls1033_generic.jar -log=log.out -log_priority=debug
```

The preceding command generates a log of the installation procedure, providing details about the exact cause of the failure. If the cause is indeed insufficient space, the log file indicates it explicitly.

### 1.3 Process to Install and Configure WebLogic Server

To install and configure Oracle WebLogic Server 10.3.3, perform the following steps:

1. Download the IBM Java 6 64-bit (SR6 or SR7) from IBM download site.
2. Install IBM Java 6 on your system.
3. Export `$JAVA_HOME/bin` into `PATH` where `JAVA_HOME` is the java installation path. For example:

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

4. Go to Oracle Technology Network.

[http://www.oracle.com/technology/software/products/ias/htdocs/wls\\_main.html](http://www.oracle.com/technology/software/products/ias/htdocs/wls_main.html)

5. Download "Oracle WebLogic Server 11g R1 PS2 (10.3.3) - Package Installer" under "Additional Platforms" column.

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**Note:** For important information on downloading Oracle products see Notes 762254.1 and 763603.1 on My Oracle Support.

Oracle WebLogic Server can also be downloaded from Oracle E-Delivery:

<http://edelivery.oracle.com/>

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6. Install Oracle WebLogic Server using the instructions in "Starting .jar Installation Programs in Console-Mode" of *Oracle Fusion Middleware Installation Guide for Oracle WebLogic Server*. This section describes the process of installing .jar files in different modes.
7. Download and install the following patches using the Oracle Smart Update tool:
  - a. Patch ID: 1MIS Passcode: KTNAX6H1
  - b. Patch ID: 8RLQ Passcode: CTH8ERF1

For more information about Oracle Smart Update tool, refer to the *Smart Update Installing Patches and Maintenance Packs Guide*.

### 1.4 Patch for NoClassDefFoundError While Using JACC in zLinux

In 11.1.1.3 Release, when JACC (Java Authorization Contract for Containers) enabled Oracle WebLogic Server 10.3.3 runs using Sun-specific PrincipalComparator, which is not supported on IBM JDK. It displays the NoClassDefFoundError.

#### Workaround

Download and install the following patch using the Oracle Smart Update tool to resolve the issue:

Patch ID: E1WM Passcode: H2746UPL

For more information about Oracle Smart Update tool, refer to the "Smart Update Tool":

[http://download.oracle.com/docs/cd/E14759\\_01/index.htm](http://download.oracle.com/docs/cd/E14759_01/index.htm)

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