Oracle® WebLogic Server

Release Notes

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

E15731-06

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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 Errata"
- Section 3, "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 Oracle 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 Oracle 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

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

   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/

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:
   - Patch ID: `E1WM` Passcode: `H2746UPL`

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

     Note: There is one JACC patch for each subsequent release. Download and install the following patch for installing Oracle WebLogic Server 10.3.1:

     - Patch ID: `RDEQ` Passcode: `8XI219W4`

     Download and install the following patch for installing Oracle WebLogic Server 10.3.2:

     - Patch ID: `1MIS` Passcode: `KTNAX6H1`

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`

2 Documentation Errata

This section describes documentation errata:

- Section 2.1, "Issues With Search Function in the Samples Viewer"
- Section 2.2, "Japanese Text Displays in Some Search Results Topics Avitek Medical Records"
- Section 2.3, "Some Interfaces to SAML2 Are Not Documented in the MBean Reference"
- Section 2.4, "WS-AT Code Example Is Not Listed on the Examples Page"
- Section 2.5, "Typographical Error in Oracle Fusion Middleware Using Active Cache"

2.1 Issues With Search Function in the Samples Viewer

The **Search** function in the Samples viewer does not work when accessing the Examples documentation by selecting **Oracle Weblogic > Weblogic Server > Examples > Documentation** from the Windows **Start** menu.

Workaround

To search the Sample Applications and Code Examples, you must start the Examples server and navigate to `http://localhost:7001/examplesWebApp/docs/core/index.html`. Click **Instructions** and then **Search**.

2.2 Japanese Text Displays in Some Search Results Topics Avitek Medical Records

The samples viewer **Search** function may sometimes return topics that display the Japanese and English versions of some Avitek Medical Records topics simultaneously.

2.3 Some Interfaces to SAML2 Are Not Documented in the MBean Reference

The WebLogic Server 10.3.1 MBean Reference does not document the interfaces to the SAML 2.0 Identity Asserter and SAML 2.0 Credential Mapping provider. Instead,

Javadoc for these MBean interfaces is provided in the *WebLogic Server 10.3.1 MBean API Reference Guide*.

2.4 WS-AT Code Example Is Not Listed on the Examples Page

When displaying the WebLogic Server Code Examples web page, the topic "Using Web Services Atomic Transaction" is not listed in the Web Services section of the Table of Contents (under **WebLogic Server Examples > Examples > API > Web Services**).

Workaround

To display this topic, enter the following URL in your web browser:

```
WL_HOME\samples\server\examples\src\examples\webservices\jaxws\wsat\
instructions.html
```

where *WL_HOME* is the WebLogic Server installation directory (the default is `C:\Oracle\Middleware\wlserver_10.3`).

2.5 Typographical Error in Oracle Fusion Middleware Using Active Cache

There is a typographical error in the last line of Example 6-3, "Sample manifest.mf File" in *Oracle Fusion Middleware Using ActiveCache*. The example should be as follows:

```
Extension-List: active-cache
active-cache-Extension-Name: active-cache
active-cache-Specification-Version: 1.0
active-cache-Implementation-Version: 1.0
```

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