Oracle® WebLogic Server

Release Notes

11*g* Release 1 (10.3.1) for IBM: Linux on System z

E15731-01

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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, "Configuration Issues and Workarounds"
- Section 3, "Documentation Errata: Oracle Fusion Middleware Installation Guide for Oracle WebLogic Server"
- Section 4, "Documentation Accessibility"

1 Installation Issues and Workarounds

This section describes the issue with Oracle WebLogic Server installation and workaround. It includes the following topic:

- Section 1.1, "Process to Install and Configure WebLogic Server"

1.1 Process to Install and Configure WebLogic Server

To install and configure Oracle WebLogic Server 10.3.1, perform the following steps:

1. Download the IBM Java 6 64-bit (SR4) from IBM download site:

   `https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?source=swg-sdk6&S_PKG=zseries64_6sr4&S_TACT=105AGX05&S_CMP=JDK`

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 (10.3.1) - 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. In a text editor, open the $WLS_HOME/wlserver_10.0/common/bin/commEnv.sh and search for the following 2 case statements:

Note: Add the following environment variables as one continuous string.

```
LINUX|Linux)

else
LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:${WL_HOME}/server/native/linux/i686:
${WL_HOME}/server/native/linux/i686/oci920_8
```

Replace with the following:

```
else
   if [ "${arch}" = "s390x" ]; then
      LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:${WL_HOME}/server/native/linux/s390x
   else
LD_LIBRARY_PATH=${LD_LIBRARY_PATH}:
${WL_HOME}/server/native/linux/i686:
${WL_HOME}/server/native/linux/i686/oci920_8
   fi
```

Search for the following case statement:

```
LINUX|Linux)

else
LD_LIBRARY_PATH=${WL_HOME}/server/native/linux/i686:
${WL_HOME}/server/native/linux/i686/oci920_8
```

Replace with the following:

```
else
   if [ "${arch}" = "s390x" ]; then
      LD_LIBRARY_PATH=${WL_HOME}/server/native/linux/s390x
   else
LD_LIBRARY_PATH=${WL_HOME}/server/native/linux/i686:
${WL_HOME}/server/native/linux/i686/oci920_8
   fi
```

8. Download and install the following patches using the Oracle Smart Update tool:

   a. Patch ID: RDEQ Passcode: 8XI219W4

b. Patch ID: `8EPT` Passcode: `LXHRELHZ`

c. Patch ID: `LNGE` Passcode: `HBBBKGZ6`

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

2 Configuration Issues and Workarounds

This section describes the WebLogic Server configuration issues and workarounds.

2.1 Configuration Wizard Password Does Not Allow Special Characters

Depending on your country local, special characters may not be recognized when trying to input and confirm the password when using the Configuration Wizard.

Workaround

Copy the problematic characters into the clipboard and paste them into the password fields. For security reasons, do not copy the entire password into the clipboard.

3 Documentation Errata: Oracle Fusion Middleware Installation Guide for Oracle WebLogic Server

The *Oracle Fusion Middleware Installation Guide for Oracle WebLogic Server* contains the following documentation errata:

- Section 3.1, "Missing Information about Oracle Configuration Manager in the Sample silent.xml File"
- Section 3.2, "Correction for a Data-Value Name in the silent.xml File Description"

3.1 Missing Information about Oracle Configuration Manager in the Sample silent.xml File

The sample silent.xml file provided in *Oracle Fusion Middleware Installation Guide for Oracle WebLogic Server* does not include information about the properties that are used to enable support for Oracle Configuration Manager. Table 1 lists the properties specific to Oracle Configuration Manager, that you should define in the silent.xml file.

Table 1 Oracle Configuration Manager Properties in the silent.xml File

Data-Value Name in silent.xml	Description
`OCM_PROXY_HOST`	The host name of the HTTP proxy server if your computer connects to internet through a proxy server.
`OCM_PROXY_PORT`	The port number of the HTTP proxy server.
`OCM_PROXY_USER`	The user name to access your HTTP proxy server if the server requires authentication.
`OCM_PROXY_PASSWORD`	The password to access your HTTP proxy server.

Table 1 Oracle Configuration Manager Properties in the silent.xml File

Data-Value Name in silent.xml	Description
OCM_SUPPORT_EMAIL	The e-mail address if you want to receive the latest product information and security updates that are specific to your installation. If you have a My Oracle account and wish to receive updates via My Oracle Support, specify your My Oracle Support e-mail address as the value for this property.
OCM_SUPPORT_PASSWORD	The password for your My Oracle Support account.

If you do not want to receive security updates from Oracle, you need not specify values for OCM_SUPPORT_PASSWORD and OCM_SUPPORT_EMAIL.

3.2 Correction for a Data-Value Name in the silent.xml File Description

In Chapter 5, "Running the Installation Program in Silent Mode" of *Oracle Fusion Middleware Installation Guide for Oracle WebLogic Server*, the data-value name for the home directory in Table 5-1 is documented as MW_HOME, which is incorrect. The correct data-value name is BEAHOME.

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