Oracle® Database

Release Notes

11*g* Release 1 (11.1) for AIX 5L Based Systems (64-Bit)

B32075-04

February 2008

This document contains important information that was not included in the platform-specific or product-specific documentation for this release. This document supplements *Oracle Database Readme*.

This document may be updated after it is released. To check for updates to this document and to view other Oracle documentation, refer to the Documentation section on the Oracle Technology Network (OTN) Web site:

`http://www.oracle.com/technology/documentation/`

For additional information about this release, refer to the readme files located in the `$ORACLE_HOME/relnotes` directory.

> **Note:** The Database Quick Installation Guides are no longer available in printed format. These documents are available with the media in the same location as the software and on Oracle Technology Network.

This document contains the following topics:

- Certification Information
- Unsupported Products
- Preinstallation Requirements
- Software Contents in the Installation Media Pack
- Installation, Configuration, and Upgrade Issues
- Other Known Issues
- Documentation Corrections and Additions
- Documentation Accessibility

1 Certification Information

The latest certification information for Oracle Database 11*g* Release 1 (11.1) is available on Oracle*MetaLink* at:

`http://metalink.oracle.com`

2 Unsupported Products

A list of unavailable features and products is available in Section 2, "Features Not Available or Restricted in This Release", in *Oracle Database Readme*.

3 Preinstallation Requirements

Refer to the installation guides for the preinstallation requirements.

4 Software Contents in the Installation Media Pack

The media pack for this release consists for the following DVDs:

- Oracle Database 11*g* Release 1 (11.1.0.6.0) for AIX 5L Based Systems (64-Bit) - This DVD contains the Oracle Database software, Oracle Database Installation Guide, Oracle Database Quick Installation Guide, and Oracle Database Release Notes for this platform.
- Oracle Database 11g Release 1 Client (11.1.0.6.0) for AIX 5L Based Systems (64-Bit) - This DVD contains the Oracle Database Client software, Oracle Database Client Installation Guide, Oracle Database Client Quick Installation Guide, and Oracle Database Release Notes for this platform.
- Oracle Clusterware 11g Release 1 (11.1.0.6.0) for AIX 5L Based Systems (64-Bit) - This DVD contains the Oracle Clusterware software, Oracle Cluster Installation Guide, Oracle Real Application Clusters Installation Guide, and Oracle Database Release Notes for this platform.
- Oracle Database Documentation Library (11.1.0.6.0) - This DVD contains the documentation library for Oracle Database 11*g*.

5 Installation, Configuration, and Upgrade Issues

Review the following sections for information about issues that affect Oracle Database installation, configuration, and upgrade:

- Latest Upgrade Information
- Error in Copying Files While Upgrading Oracle Database 10g Release 2 to Oracle Database 11g
- Restarting the Listener for the Remote Node Displays an Error
- The /etc/oratab File Lists Multiple Automatic Storage Management Instances
- Rootpre_aix.zip file location

5.1 Latest Upgrade Information

For late-breaking updates and best practices about preupgrade, post-upgrade, compatibility, and interoperability discussions, refer to Note 466181.1 on Oracle*MetaLink* (`https://metalink.oracle.com/`) that links to "The Upgrade Companion" Web site.

5.2 Error in Copying Files While Upgrading Oracle Database 10*g* Release 2 to Oracle Database 11*g*

When you start upgrading second node from Oracle Database 10g Release 2 to Oracle Database 11g, an error message is displayed while copying files during the upgrade process.

Workaround: Run the upgrade session from the node on which you initially installed Oracle RAC.

This issue is tracked with Oracle bug 6501871.

5.3 Restarting the Listener for the Remote Node Displays an Error

Oracle database instance and listeners are not started after the installation is complete if you perform any of the following tasks:

- Oracle 11*g* Database installation or upgrade on a cluster into an existing `ORACLE_BASE` directory that has other Oracle home(s)
- Custom installation to install additional components in an existing Oracle RAC database home on Oracle Clusterware

You can run the *`Oracle_home`*`/bin/srvctl` command to display the status of Oracle database instance and listeners. When you try to start the listener for the remote node, the following error message is displayed:

```
TNS-01151: Missing listener name, LISTENER_NODE_NAME, in LISTENER.ORA
```

Workaround: Complete the following procedure for the remote node(s) on which the listener displayed an error message:

1. Note the list of nodes on which the additional component installation is being performed. Write down the list of nodes selected in the Node Selection Page in Oracle Universal Installer.
2. For each node selected in step 1, use the following command to backup *`Oracle_home`*`/network/admin` to *`Oracle_home`*`/network/admin.orig` before proceeding with the installation:

   ```
   $ cp -R Oracle_home/network/admin Oracle_home/network/admin.orig
   ```

3. For each node selected in step 1, use the following command to restore *`Oracle_home`*`/network/admin.orig` to *`Oracle_home`*`/network/admin` after completing the installation:

   ```
   $ cp -R Oracle_home/network/admin.orig Oracle_home/network/admin
   ```

4. Run the following command on local node for each nodes selected in step 1:

   ```
   $ Oracle_home/bin/srvctl start listener -n node_name
   ```

5. If the Oracle Database instance for the remote node is down because of the listener, then start the Oracle database an instances that are down using the following command:

   ```
   $ Oracle_home/bin/srvctl start databse -d database_name
   ```

These issues are tracked with Oracle bugs 6412150 and 6612571.

5.4 The /etc/oratab File Lists Multiple Automatic Storage Management Instances

If you install Oracle Clusterware on share Oracle home, the `/etc/oratab` file lists multiple Automatic Storage instances.

Workaround: Oracle Universal Installer detects this issue during the pre-requisition checks. You can either edit the `/etc/oratab` file or ignore the error during installation.

The issue is tracked with Oracle bug 5942123.

5.5 Rootpre_aix.zip file location

If you have downloaded Oracle Database 11*g* release 1 prior to January 18, 2008 from Oracle Technology Network or media and were prompted to execute the `rootpre.sh` script, then you must install the `rootpre_aix.zip` file available on Oracle Technology Network:

`http://download.oracle.com/otn/aix/oracle11g/rootpre_aix.zip`

New customers do not have to download the `rootpre_aix.zip` file. You can directly download the Oracle Database 11*g* release 1 software available on Oracle Technology Network:

`http://www.oracle.com/technology/software/products/database/oracle11g/111060_aixsoft.html`

6 Other Known Issues

The following sections contain information about issues related to Oracle Database 11*g* and associated products:

- Intermittent Errors While Using Oracle 11g Release 1 Direct NFS Client
- Performance Graphs are not Shown in the Memory Access Mode
- Reactivate the OC4JADMIN User for Oracle Ultra Search
- Oracle Clusterware Node Addition in Vendor Cluster Environment

6.1 Intermittent Errors While Using Oracle 11*g* Release 1 Direct NFS Client

When using Oracle 11*g* Release 1 Direct NFS client, the `ORA-494` errors are displayed intermittently under certain load conditions.

Workaround: Oracle recommends that you apply the patch mentioned in the Oracle bug 6530092 to Oracle Database 11*g* Release 1 installation. The Oracle bug contains the details of the patch and application instructions.

This issue is tracked with Oracle bug 6530092.

6.2 Performance Graphs are not Shown in the Memory Access Mode

Monitoring in Memory Access Mode is not supported for this release on this platform. This option is disabled by default. If you enable this option, then the performance charts are not displayed and an error connection to collector memory is displayed at times.

Workaround: Use SQL Mode monitoring instead of Memory Access Mode.

This issue is tracked with Oracle bug 6498439.

6.3 Reactivate the OC4JADMIN User for Oracle Ultra Search

The `OC4JADMIN` user is deactivated during the Oracle Database 11*g* installation process. After the installation is complete, you must modify the `$ORACLE_HOME/oc4j/j2ee/OC4J_SEARCH/config/system-jazn-data.xml` file. Replace the following content of the file:

```
<user deactivated="true">
<name>oc4jadmin</name>
<display-name>OC4J Administrator</display-name>
<description>OC4J Administrator</description>
```

with:

```
<user>
<name>oc4jadmin</name>
<display-name>OC4J Administrator</display-name>
<description>OC4J Administrator</description>
```

Use the following commands to restart the Oracle Ultra Search middle tier in the Oracle Database:

```
$ $ORACLE_HOME/bin/searchctl stop
$ $ORACLE_HOME/bin/searchctl start
```

6.4 Oracle Clusterware Node Addition in Vendor Cluster Environment

When adding a node to the Oracle Clusterware in a vendor cluster environment that uses host names with fully qualified domain names, the `rootaddnode.sh` utility displays the following error message:

```
PRKO-2006 : Invalid node name: NODE_NAME
```

Workaround: For each node that is being added to the Oracle Clusterware, run the following command:

`srvctl add nodeapps -n` *`node_name_without_fully_qualified_ domain_name`* `-A` *`node-vip/netmask/Interfaces`*

Note: To find the node name and virtual IP address/netmask/interface to be used for the newly added nodes, you can refer to values set for the following variables in the `rootaddnode.sh` script:

```
CRS_NEW_NODE_NAME_LIST=
CRS_NEW_NODEVIPS=
NETMASK=
NETIFs=
```

To find if the vendor clusterware is configured, run the `$ORA_CRS_HOME/bin/lsnodes` command. The `lsnodes` command displays the list of nodes in this case.

You can refer to `rootaddnode.sh` for the value that `ORA_CRS_HOME` is set to.

This issue is tracked with Oracle bug 6617499.

7 Documentation Corrections and Additions

None

8 Documentation Accessibility

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