

Oracle® Database

Release Notes

11g Release 1 (11.1) for HP-UX

B32071-04

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 11g Release 1 (11.1) is available on Oracle*MetaLink* at:

<http://metalink.oracle.com>

2 Unsupported Products

Internet Protocol version 6 (IPv6) support is not enabled on HP-UX Itanium.

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:

- For HP-UX PA-RISC:
 - Oracle Database 11g Release 1 (11.1.0.6.0) for HP-UX PA-RISC - This DVD contains the Oracle Database software, installation guides for each product installation type, such as Oracle Database, Oracle Database Client, Oracle Clusterware, and Oracle Real Application Clusters, Oracle Database Quick Installation Guide, Oracle Database Client Quick Installation Guide, and Oracle Database Release Notes for this HP-UX PA-RISC.
 - Oracle Database Documentation Library (11.1.0.6.0) - This DVD contains the documentation library for Oracle Database 11g.
- For HP-UX Itanium:
 - Oracle Database 11g Release 1 (11.1.0.6.0) for HP-UX Itanium - This DVD contains the Oracle Database software, installation guides for each product installation type, such as Oracle Database, Oracle Database Client, Oracle Clusterware, and Oracle Real Application Clusters, Oracle Database Quick Installation Guide, Oracle Database Client Quick Installation Guide, and Oracle Database Release Notes for HP-UX Itanium.
 - Oracle Database Documentation Library (11.1.0.6.0) - This DVD contains the documentation library for Oracle Database 11g.

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](#)
- [Oracle Enterprise Manager Configuration Fails During Dataguard Rolling Upgrade](#)
- [Oracle Universal Installer Displays Single Instance Install Option for Oracle RAC](#)
- [Restarting the Listener for the Remote Node Displays an Error](#)

- [The /etc/oratab File Lists Multiple Automatic Storage Management Instances](#)
- [Installation, Configuration, and Upgrade Issues on HP-UX PA-RISC](#)

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 *OracleMetaLink* (<https://metalink.oracle.com/>) that links to "The Upgrade Companion" Web site.

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

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 Oracle Enterprise Manager Configuration Fails During Dataguard Rolling Upgrade

When performing Dataguard rolling upgrade from Oracle Database 10g Release 2 (10.2.0.3) using Oracle Database Upgrade Assistant, Oracle Enterprise Manager displays an error message.

This issue is tracked with Oracle bug 6594642.

5.4 Oracle Universal Installer Displays Single Instance Install Option for Oracle RAC

When installing Oracle RAC using Oracle Universal Installer downloaded from Oracle Technology Network (OTN), it displays the Select Installation Method screen with Basic Installation and Advanced Installation options. This screen is specific to single instance installation. For Oracle RAC installation, the Select Installation Type screen should have been displayed.

Workaround: Continue with the installation by selecting **Advanced Installation** and clicking **Next**. Oracle universal Installer displays the Select Installation Type screen. Proceed with the rest of the Oracle RAC installation, as usual.

Note: This issue does not occur if you install Oracle RAC from the purchased product, such as the hard media or download the product from Oracle Electronic Product Delivery (EPD).

This issue is tracked with Oracle bug 6643733.

5.5 Restarting the Listener for the Remote Node Displays an Error

If you perform custom installation to install additional components in an existing Oracle RAC database home on Oracle Clusterware, then Oracle database instance and listeners are not started after the installation is complete. 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 database -d database_name
```

This issue is tracked with Oracle bug 6412150.

5.6 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.

5.7 Installation, Configuration, and Upgrade Issues on HP-UX PA-RISC

The following are the HP-UX PA-RISC specific issues that affect Oracle Database installation, configuration, and upgrade:

- [Oracle Database Configuration Assistant and Oracle Database Upgrade Assistant Fail to Start](#)

Note: The issues mentioned in this section are observed only on HP-UX RA-RISC.

5.7.1 Oracle Database Configuration Assistant and Oracle Database Upgrade Assistant Fail to Start

When installing Oracle Database 11g (11.1.0.6.0) software with create or upgrade database option, Oracle Database Configuration Assistant and Oracle Database Upgrade Assistant fail to start and Oracle Universal installer displays the OUI-25301 error message.

When running Oracle Database Configuration Assistant or Oracle Database Upgrade Assistant after the installation, the following error message is displayed:

```
java.lang.UnsatisfiedLinkError: $ORACLE_HOME/lib/libOUtils.so
```

This issue is noticed only on HP 9000/700 workstations.

Workaround: To resolve this issue, complete the following procedure before starting Oracle Universal Installer, Oracle Database Configuration Assistant, or Oracle Database Upgrade Assistant:

1. Run the following command to set the JAVA64FLAG variable:

```
$ export JAVA64FLAG="-d64"
```

2. Start Oracle Universal Installer, Oracle Database Configuration Assistant, or Oracle Upgrade Assistant.

This issue is tracked with Oracle bug 6628285.

6 Other Known Issues

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

- [Location of the Memory Mapped Files](#)
- [Reactivate the OC4JADMIN User for Oracle Ultra Search](#)
- [Oracle Clusterware Node Addition in Vendor Cluster Environment](#)

6.1 Location of the Memory Mapped Files

When a PL/SQL unit is compiled using `PLSQL_CODE_TYPE=NATIVE` in Oracle Database 11g, the resulting machine code is loaded into an operating system shared memory object before it is copied to the database catalog. Additionally, when the native code is fetched from the catalog for execution, it is first loaded into a shared memory object. On HP, these shared memory objects are memory mapped files, which are staged in a directory automatically created by Oracle under the `db`s subdirectory of the directory specified by the environment variable `ORACLE_HOME`. If you need to change the location of the staging directory, contact Oracle support.

6.2 Reactivate the OC4JADMIN User for Oracle Ultra Search

The OC4JADMIN user is deactivated during the Oracle Database 11g 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
```

6.3 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

The following are the corrections and additions to the documentation set available with this release:

- The following peaches are missing from the Patch Requirements section of the installation guide available with the media pack of HP-UX Itanium:
 - PHKL_35767: s700_800 11.23 mpctl patch
 - PHKL_36853: s700_800 11.23 pstat patch

8 Documentation Accessibility

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