Oracle® Database

Release Notes

11*g* Release 2 (11.2) for HP-UX

E16782-01

October 2010

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/`

This document contains the following topics:

- Certification Information
- Latest Upgrade Information
- Unsupported Products
- Content Specific to Oracle Database 11g Release 2 (11.2.0.1)
- Content Specific to Oracle Database 11g Release 2 (11.2.0.2)
- Documentation Accessibility

1 Certification Information

The latest certification information for Oracle Database 11*g* Release 2 (11.2) is available on My Oracle Support (formerly Oracle*MetaLink*) at:

`https://support.oracle.com`

Bash Support

Bash is not supported on HP-UX Itanium.

2 Latest Upgrade Information

For late-breaking updates and best practices about preupgrade, postupgrade, compatibility, and interoperability discussions, refer to Note 785351.1 on My Oracle Support (formerly Oracle*MetaLink*) that links to the "Oracle 11gR2 Upgrade Companion" page.

`https://support.oracle.com`

3 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*.

Database Smart Flash Cache Support

Database Smart Flash Cache is supported on Solaris and Oracle Linux only. For release 11.2.0.1 on Oracle Linux, you must install the 8974084 patch.

4 Content Specific to Oracle Database 11*g* Release 2 (11.2.0.1)

The following content is specific to release 11.2.0.1:

- Preinstallation Requirements for Release 11.2.0.1
- Installation, Configuration, and Upgrade Issues for Release 11.2.0.1
- Other Known Issues for Release 11.2.0.1

4.1 Preinstallation Requirements for Release 11.2.0.1

Refer to the installation guides for the preinstallation requirements.

4.2 Installation, Configuration, and Upgrade Issues for Release 11.2.0.1

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

- Oracle Automatic Storage Management Configuration Assistant Fails While Installing Oracle Grid Infrastructure on a Standalone Server

4.2.1 Oracle Automatic Storage Management Configuration Assistant Fails While Installing Oracle Grid Infrastructure on a Standalone Server

If `ASM_DISKSTRING` attribute is set to the default empty `""` string and if there are multiple paths to the disk, then Oracle Automatic Storage Management fails to detect the disks while installing Oracle Grid Infrastructure on a standalone server. The following error message appears:

```
ORA-15020: discovered duplicate ASM disk "HPISIHA_0000"
```

Workaround:

Use the command, `srvctl modify asm -d` *`diskstring`*, to set the `ASM_DISKSTRING` attribute to a valid directory path. You may also change the permission on the directory path of the devices in such a way that all the disks are accessed from the same directory path.

This issue is tracked with Oracle bug 9117353.

4.3 Other Known Issues for Release 11.2.0.1

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

- Help Files Translation Issue for Spanish and French
- Incorrect Reverse Ping Command from Oracle Management Service (OMS)

- Help Pages Fail to Load for Oracle Database Client (32-Bit)
- SQL Developer Fails to Start

4.3.1 Help Files Translation Issue for Spanish and French

Oracle Universal Installer does not copy the translated help files to Oracle Database home directory when you select the Spanish or French language.

Workaround:

On the Select Product Languages page, select both the Latin American Spanish and Spanish to get the help files translated in Spanish; and select both the Canadian French and French for the translated help files in French.

This issue is tracked with Oracle bug 9147106.

4.3.2 Incorrect Reverse Ping Command from Oracle Management Service (OMS)

Oracle Management Service provides incorrect reverse ping command with Oracle Enterprise Manager Database Control. The `emoms.properties` file shows:

```
emdrep.ping.pingCommand=/usr/sbin/ping <hostname>
```

Workaround:

Change the property in the `emoms.properties` file to:

```
emdrep.ping.pingCommand=/usr/sbin/ping <hostname> -n 3 -m 30
```

> **Note:** On all the computers using IPv6, you must specify `ping6` command (or an equivalent IPv6 command) instead of `ping` command.

This issue is tracked with Oracle bug 9211800.

4.3.3 Help Pages Fail to Load for Oracle Database Client (32-Bit)

Oracle Universal Installer does not find the `clientinstaller_help.map` file and fails to load the help pages for locales other than English.

Workaround:

Set `LANG=C` before running Oracle Universal Installer. This changes the installer locale to English and the help content is available.

This issue is tracked with Oracle bug 9474214.

4.3.4 SQL Developer Fails to Start

After you install the Oracle Database, the SQL Developer might fail to start and the following error message appears:

```
/bin/bash: bad interpreter: No such file or directory
```

Workaround:

Open the `sqldeveloper.sh` file in a text editor and change `#!/bin/bash` to the actual location of Bash. For example:

```
#!/usr/local/bin/bash
```

This issue is tracked with Oracle bug 9335876.

5 Content Specific to Oracle Database 11*g* Release 2 (11.2.0.2)

The following content is specific to release 11.2.0.2:

- Preinstallation Requirements for Release 11.2.0.2
- Installation, Configuration, and Upgrade Issues for Release 11.2.0.2
- Other Known Issues for Release 11.2.0.2

5.1 Preinstallation Requirements for Release 11.2.0.2

Refer to the installation guides for the preinstallation requirements.

5.2 Installation, Configuration, and Upgrade Issues for Release 11.2.0.2

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

- Relinking Fails on 32-Bit Client Installations
- Logical Volume Manager Issue
- Owner and Group Permissions Issue with Database Upgrade
- Performance Statistics Issue with Oracle Enterprise Manager Database Control

5.2.1 Relinking Fails on 32-Bit Client Installations

Relinking fails on 32-bit client installations because the relink script tries to load 64-bit libraries.

Workaround:

After installation, manually remove the `-d64` flag from `JRE_MEMORY_OPTIONS` in the `$ORACLE_HOME/oui/oraparam.ini` file.

This issue is tracked with Oracle bug 10027801.

5.2.2 Logical Volume Manager Issue

Oracle Automatic Storage Management Configuration Assistant attempts to filter out disks that are in use by the operating system's logical volume manager (LVM). The mechanism used to check the character device files from their default location, `/dev/rdisk/*`, may fail if the Oracle `grid` user does not have read permissions on the corresponding block device. In rare cases, that failure can result in Automatic Storage Management Configuration Assistant creating an Oracle ASM disk group on top of an existing LVM volume group, corrupting the LVM content.

Note: There is no risk of this failure if the character device files referenced by Oracle ASM have been created in an alternate location. For example:

```
/gridbase/asmdisks
```

Workaround:

On servers where the system administrator has explicitly granted read/write access to any `/dev/rdisk/*` files for use by Oracle ASM, enable read permissions on the corresponding block device. The ownership of the block device need not be changed. For example, if disk11 is available to Oracle ASM, a listing of the device files for that disk usually shows the following:

```
$ ls -l /dev/*disk/disk11
brw-r-----   1 bin       sys         5 0x000001 Apr 21 2009 /dev/disk/disk11
crw-rw----   1 grid      oinstall  132 0x00001c Apr 21 2009 /dev/rdisk/disk11
```

As the `root` user, enable read access to the block device with the following command:

```
chmod a+r /dev/disk/disk11
```

This results in:

```
$ ls -l /dev/*disk/disk11

brw-r--r--   1 bin    sys            5 0x000001 Apr 21  2009 /dev/disk/disk11

crw-rw----   1 grid   oinstall     132 0x000001 Apr 21  2009 /dev/rdisk/disk11
```

This issue is tracked with Oracle bug 9956769.

5.2.3 Owner and Group Permissions Issue with Database Upgrade

When you upgrade from Oracle Database release 10.x or 11.1 to 11.2 release using the Oracle ASM discovery path, `/dev/rdsk/*` as default, ensure that the corresponding `/dev/rdisk*` disks use the same owners and group permissions as the legacy device special file, `/dev/rdsk/*` disks. Otherwise, the database may fail to start up.

Run the following command to map the legacy device special file disks and persistent device special file disks:

```
ioscan -m dsf
```

Based on the mapping result, change the permissions in the corresponding persistent device special file disks.

This issue is tracked with Oracle bug 10148343.

5.2.4 Performance Statistics Issue with Oracle Enterprise Manager Database Control

The summary chart on the Oracle Enterprise Manager Cluster Performance page does not show any data.

Workaround:

Perform the following steps:

1. Stop Oracle Enterprise Manager Database Control.
2. Modify the properties file, `$ORACLE_HOME/`*`host_dbuniquename`*`/sysman/config/emoms.properties` by adding the following:

   ```
   oracle.sysman.db.rac.useRemoteCollection=false
   ```

3. Then, start the Oracle Enterprise Manager Database Control

This issue is tracked with Oracle bug 10129539.

5.3 Other Known Issues for Release 11.2.0.2

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

- SQL Developer Fails to Start

5.3.1 SQL Developer Fails to Start

After you install the Oracle Database, the SQL Developer might fail to start and the following error message appears:

```
/bin/bash: bad interpreter: No such file or directory
```

Workaround:

Open the `sqldeveloper.sh` file in a text editor and change `#!/bin/bash` to the actual location of Bash. For example:

```
#!/usr/local/bin/bash
```

This issue is tracked with Oracle bug 9335876.

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