

Oracle® Database

Release Notes

11g Release 2 (11.2) for HP-UX

E16782-04

March 2011

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/technetwork/indexes/documentation/index.html>

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 11g Release 2 (11.2) is available on My Oracle Support (formerly *OracleMetaLink*) 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 *OracleMetaLink*) 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*.

In addition to the items listed in Section 2, "Features Not Available or Restricted in This Release," in *Oracle Database Readme*, the following products or features are not supported:

- Oracle ACFS replication and tagging
- Oracle ACFS security and encryption

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.

Oracle Automatic Storage Management Dynamic Volume Manager Support

Oracle ACFS and Oracle ADVM are not supported.

Oracle ODBC Driver Support

Oracle ODBC driver is not supported on HP-UX PA-RISC.

4 Content Specific to Oracle Database 11g 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 sections 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 is more than one path 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 11g and associated products:

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

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 11g 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](#)
- [Network Connection Issue Between Nodes in a Cluster](#)
- [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/rdisk/*` as default, ensure that the corresponding `/dev/rdisk*` disks use the same owners and group permissions as the legacy device special file, `/dev/rdisk/*` disks. Otherwise, the database may fail to start.

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 Network Connection Issue Between Nodes in a Cluster

When installing Oracle Grid Infrastructure for a Cluster, the `root.sh` script fails on the second node with the following errors in the `ocssd.log`:

```
CSSD][105]clssnmLocalJoinEvent: takeover aborted due to cluster member node found on disk
CRS-5818:Aborted command 'start for resource: ora.cssd 1 1' for resource 'ora.cssd'
```

Solution:

Servers with the latest 10 Gigabit Ethernet adapter require revision B.11.31.1009.01 or later of the 10GigEthr-02 software bundle.

Run `swlist 10GigEthr-02` command to identify the current version on your HP server. If it is older than the above mentioned version, then enter 10GigEthr-02 in the Search field and download the latest software from the HP site:

<https://h20392.www2.hp.com/portal/swdepot/index.do>

This issue is tracked with Oracle bug 10175794.

5.2.5 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. Add the following to the properties file, `$ORACLE_HOME/host_dbuniqueName/sysman/config/emoms.properties`:

```
oracle.sysman.db.rac.useRemoteCollection=false
```
3. Restart 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 11g 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.

6 Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible to all users, including users that are disabled. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at <http://www.oracle.com/accessibility/>.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/support/contact.html> or visit <http://www.oracle.com/accessibility/support.html> if you are hearing impaired.

Oracle Database Release Notes, 11g Release 2 (11.2) for HP-UX
E16782-04

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

