Oracle® Database

Release Notes

11*g* Release 2 (11.2) for IBM AIX on POWER Systems (64-Bit)

E10853-01

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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
- Unsupported Products
- Preinstallation Requirements
- Installation, Configuration, and Upgrade Issues
- Other Known Issues
- 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

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*.

Database Smart Flash Cache Support

Database Smart Flash Cache is supported on Solaris and Oracle Enterprise Linux only.

Oracle Automatic Storage Management Cluster File System and Oracle Automatic Storage Management Dynamic Volume Manager Support

Oracle Automatic Storage Management Cluster File System and Oracle Automatic Storage Management Dynamic Volume Manager are supported only on Oracle Enterprise Linux 5.0 and Red Hat Enterprise Linux 5.0 on Linux x86 and Linux x86-64.

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On Windows x64, Oracle CFS and Oracle ADVM are only supported on Windows Server 2003.

3 Preinstallation Requirements

Refer to the installation guides for the preinstallation requirements.

4 Installation, Configuration, and Upgrade Issues

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

- Latest Upgrade Information
- Oracle Notification Service (ONS) Issue After Shared Oracle RAC Database Upgrade
- File System Configuration Data Not Found on Oracle Enterprise Manager Database Control Host Page
- ORA-00600 Error During Database Upgrade
- Oracle Automatic Storage Management Configuration Assistant Fails While Installing Oracle Grid Infrastructure on a Standalone Server

4.1 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*) (`https://support.oracle.com/`) that links to "Oracle 11gR2 Upgrade Companion" page.

4.2 Oracle Notification Service (ONS) Issue After Shared Oracle RAC Database Upgrade

After you complete an upgrade from shared Oracle Clusterware release 11.1 to shared Oracle grid infrastructure release 11.2, you may encounter an error with Oracle Notification Service (ONS). The first node shows the ONS file, `ora.ons`, is offline.

Workaround:

Perform the following steps:

1. Log in as the grid infrastructure installation owner.

2. Run the following commands to find the ONS processes on the nodes and stop them:

```
$ ps -ef | grep "ons -d"
$ kill -9 pid1 pid2
```

3. Change directory to the `bin` directory in the Oracle grid infrastructure home, and enter the command `crsctl start res ora.ons`. For example, if the grid home is `/u01/grid`, then enter the following commands:

```
$ chdir /u01/grid/bin
$ ./crsctl start res ora.ons
```

This issue is tracked with Oracle bug 9133235.

4.3 File System Configuration Data Not Found on Oracle Enterprise Manager Database Control Host Page

Oracle Enterprise Manager Database Control may not show the File System configuration data, and the Operating System Collection Warnings may appear on the Configuration page:

```
sh: mount: not found
```

Workaround:

Perform the following steps:

1. Add /usr/sbin to PATH environment variable.

    For Bash shell:

    ```
    export PATH=$PATH:/usr/sbin
    ```

2. Restart Oracle Enterprise Manager Database Control.

This issue is tracked with Oracle bug 9206261.

4.4 ORA-00600 Error During Database Upgrade

When you upgrade from Oracle database release 9.2 to release 11.2, the database upgrade fails with the following error:

```
ORA-00600: internal error code
```

Workaround:

Set _affinity_on=false in the SPFILE of Oracle database release 9.2 before you upgrade.

This issue is tracked with Oracle bug 6615695.

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

If the ASM_DISKSTRING attribute is set to the default empty " " string, 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 srvctl modify asm -d *diskstring* to set the ASM_DISKSTRING attribute to a valid directory path.

This issue is tracked with Oracle bug 9117353.

5 Other Known Issues

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

- Help Files Translation Issue for Spanish and French
- Patch Oracle Database Deployment Procedure Issue

- Oracle Management Service (OMS) Bounce Fails Intermittently
- SQL Developer Release 1.5.5 Does Not Support JDK Version 1.5.x
- Deployment Procedure Issue with Oracle RAC
- Incorrect Reverse Ping Command from Oracle Management Service (OMS)

5.1 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.

5.2 Patch Oracle Database Deployment Procedure Issue

When you apply a patch from Oracle Enterprise Manager Database Control using Patch Oracle Database deployment procedure, the applied patch may not appear on oracle home details page.

Workaround:

Use the command, `opatch lsinventory`, at the operating system prompt to list the patches applied to the Oracle home.

This issue is tracked with Oracle bug 8791320.

5.3 Oracle Management Service (OMS) Bounce Fails Intermittently

OMS bounce fails intermittently as Oracle Enterprise Manager Database Control fails to startup with the following error message:

```
The socket name is already in use.
```

Workaround:

If the shutdown of Oracle Enterprise Manager Database Control does not complete successfully, manually kill the process.

This issue is tracked with Oracle bug 9118229.

5.4 SQL Developer Release 1.5.5 Does Not Support JDK Version 1.5.x

The dialogs to create and edit objects in SQL Developer release 1.5.5 fail to open as JDK version 1.5.x is not supported.

Workaround:

Use any one of the following workarounds:

1. Upgrade the JDK to version 1.6.
2. Enter the SQL statement on the SQL Worksheet.
3. Use SQL Developer from a client desktop (non-AIX).

4. Use SQLPLUS command to start SQL*Plus.

This issue is tracked with Oracle bug 9195473.

5.5 Deployment Procedure Issue with Oracle RAC

The Deployment Procedure to update the software tusing Oracle Enterprise Manager Database Control fails on Oracle RAC and Oracle grid infrastructure, with the following error:

```
ORA-00001: unique constraint (SYSMAN.PK_MGMT_JOB_EXECUTION) violated
```

Workaround:

Run the following commands as SYSMAN for the database:

```
SELECT MAX(step_id) FROM MGMT_JOB_HISTORY; (--> v1)
SELECT MGMT_JOB_SEQUENCE.CURRVAL FROM DUAL; (--> v2)
ALTER SEQUENCE MGMT_JOB_SEQUENCE INCREMENT BY (v2-v1+1);
```

Add the calculated value in the third command.

This issue is tracked with Oracle bug 9205553.

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

OMS 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 -c 3 -w 30 hostname
```

This issue is tracked with Oracle bug 9211800.

6 Documentation Accessibility

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