

# Oracle® Database

Release Notes

11g Release 1 (11.1) for Linux x86

**B32001-02**

August 2007

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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/>

For additional information about this release, refer to the readme files located in the \$ORACLE\_HOME/relnotes directory.

This document contains the following topics:

- [Certification Information](#)
- [Unsupported Products](#)
- [Preinstallation Requirements](#)
- [Installation, Configuration, and Upgrade Issues](#)
- [Other Known Issues](#)
- [Documentation Corrections and Additions](#)
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## 1 Certification Information

The latest certification information for Oracle Database 11g Release 1 (11.1) is available on *OracleMetalink* 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 Installation, Configuration, and Upgrade Issues

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

- [The /etc/oratab File Lists Multiple Automatic Storage Management Instances](#)
- [Oracle Universal Installer Shows Oracle Database Configuration Assistant Status as Failed](#)

### 4.1 The /etc/oratab File Lists Multiple Automatic Storage Management Instances

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

When Automatic Storage Management Oracle home is installed in shared file system to create Automatic Storage Management instances from Oracle Universal Installer, multiple Automatic Storage Management instances are listed in the `/etc/oratab` file.

**Workaround:** Oracle Universal Installer detects this issue during the prerequisite checks. You can edit the `/etc/oratab` file in each node and remove the entries that are not part of that node. The alternative is to install the software, run the `root.sh` script on all nodes and create Automatic Storage Management instance by running Database Configuration Assistant.

The issue is tracked with Oracle bug 5942123.

### 4.2 Oracle Universal Installer Shows Oracle Database Configuration Assistant Status as Failed

Oracle Universal Installer intermittently displays Oracle Database Configuration Assistant status as failed even after it finishes the installation process successfully.

This behavior is seen intermittently if you leave Oracle Database installation running for a long time without acknowledging the confirmation dialog shown by Oracle Database Configuration Assistant at the end of the database creation. The configured Oracle database and Oracle Database Control function normally. This error can be safely ignored.

This issues is tracked with Oracle bug 6238219.

## 5 Other Known Issues

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

- [Collecting CPU Usage Metric Displays an Error](#)
- [Error While Loading Shared Library When SELinux is Enforcing on Oracle Enterprise Linux 5.0 and Red Hat Enterprise Linux 5.0](#)
- [Host Administration Tab on Oracle Enterprise Manager Database Control Fails on Oracle Enterprise Linux 5](#)
- [Linking Applications With Oracle Client Libraries](#)

- [Pro\\*C Does not Support all C99 Syntax](#)
- [The rstor File Linking Fails](#)
- [The Uploading Patches Feature Crashes in Mozilla Firefox 1.5 on Linux](#)

## 5.1 Collecting CPU Usage Metric Displays an Error

If Oracle Enterprise Manager Database Control is running on Oracle Enterprise Linux 5 or Red Hat Enterprise Linux 5, Metric Collection Error is displayed for the CPU Usage metric. Due to this issue, the CPU usage information for the host is not displayed. Therefore, you cannot set alert threshold on the host CPU usage.

This issue is tracked with Oracle bug 6316367.

## 5.2 Error While Loading Shared Library When SELinux is Enforcing on Oracle Enterprise Linux 5.0 and Red Hat Enterprise Linux 5.0

SQL\*Plus and Oracle Call Interface (OCI) program calls fail with SELinux in the Enforcing mode on Oracle Enterprise Linux 5.0 and Red Hat Enterprise Linux 5.0. Refer to the *OracleMetaLink* note 454196.1 for more details about the issue.

**Workaround:** Shift SELinux to Permissive mode on the system.

This issue is tracked with Oracle bugs 6140224 and 6342166.

## 5.3 Host Administration Tab on Oracle Enterprise Manager Database Control Fails on Oracle Enterprise Linux 5

When you click the Host Administration tab of the Oracle Enterprise Manager Database Control on Oracle Enterprise Linux 5, the following error is displayed:

This feature is only available on hosts running Red Hat Linux and SUSE Linux Operating Systems.

Due to this issue, you cannot administer the host using Oracle Enterprise Manager Database Control on Oracle Enterprise Linux 5.

This issue is tracked with Oracle bug 6316469.

## 5.4 Linking Applications With Oracle Client Libraries

The use of the client static library is not supported.

## 5.5 Pro\*C Does not Support all C99 Syntax

On Red Hat Enterprise Linux 5 and SUSE Linux Enterprise Server 10, standard C header files may contain symbols, such as `__LDBL_REDIR1_DECL`, which Pro\*C parser fails to recognize.

**Workaround:** You can use one of the following code in the `.pc` files so that the header file does not get included during precompilation:

```
#ifndef ORA_PROC
#include <filename.h>
#endif
```

or

```
#ifdef ORA_PROC
#define _HEADERFILENAME_H__
#endif
```

This issue is tracked with Oracle bug 6142780.

## 5.6 The rstor File Linking Fails

When installing Oracle Database 11g, Oracle Universal Installer removes third party library paths from the `LD_LIBRARY_PATH` variable for security reasons. Due to this, the relinking of the `rtsora` file fails during installation. The `rtsora` file can be relinked by updating the `LD_LIBRARY_PATH` variable with the path where Cobol libraries are available and calling an appropriate make target. You can use the following commands to make the `rstor` file:

```
$ cd $ORACLE_HOME/precomp/lib
$ make -f ins_precomp.mk rtsora
```

This issue is tracked with Oracle bug 6272540.

## 5.7 The Uploading Patches Feature Crashes in Mozilla Firefox 1.5 on Linux

When uploading patches through Oracle Enterprise Manager Database Control using the Mozilla Firefox 1.5 Web browser on Linux, the Web browser window crashes.

**Workaround:** Start the Mozilla Firefox 1.5 Web browser client from a non-Linux environment or use an alternate Web browser, such as Internet Explorer.

This issue is tracked with Oracle bug 6008421.

# 6 Documentation Corrections and Additions

This section lists the following correction to the installation guides for Linux:

- [Removing Oracle Clusterware](#)

## 6.1 Removing Oracle Clusterware

In Section 7.3.4, "Removing Oracle Clusterware" of *Oracle Clusterware Installation Guide for Linux*, the instructions for removing Oracle Clusterware are incomplete. Instead, use the following procedure:

1. Log in as the `oracle` user, and shut down any existing Oracle Database instances on each node, with normal or immediate priority. For example:

```
$ Oracle_home/bin/srvctl stop database -d db_name
$ Oracle_home/bin/srvctl stop asm -n node
$ Oracle_home/bin/srvctl stop nodeapps -n node
```

2. Use Oracle database Configuration Assistant and NETCA to remove listeners, Automatic Storage Management instances, and databases from the system. This removes the Oracle Clusterware resources associated with the listeners, Automatic Storage Management instances, and databases on the cluster.

3. On each remote node, log in as the `root` user, change directory to the Oracle Clusterware home, and run the `rootdelete` script with the options `remote nosharedvar nosharedhome`. For example:

```
[root@node2 /] # cd /u01/app/crs/install
[root@node2 /install] # ./rootdelete.sh remote nosharedvar nosharedhome
```

4. On the local node, log in as the `root` user, change directory to the Oracle Clusterware home, and run the `rootdelete` script with the options `local nosharedvar nosharedhome`. For example:

```
[root@node1 /] # cd /u01/app/crs/install
[root@node1 /install] # ./rootdelete.sh local nosharedvar nosharedhome
```

5. On the local node, run the script `rootdeinstall`. For example:

```
[root@node1 install]# ./rootdeinstall.sh
```

6. On every node, run the `preupdate` script, using the syntax `preupdate.sh -crshome CRS_home -crsuser User -noshutdown`, where `CRS_home` is the path to the Oracle Clusterware home, and `User` is the Oracle Clusterware software owner. For example:

```
[root@node1 install]# ./preupdate.sh -crshome /u01/app/crs -crsuser crs
-noshutdown
```

7. Log in as the `oracle` user, and run Oracle Universal Installer to remove the Oracle Clusterware home. For example:

```
$ cd $ORACLE_HOME/oui/bin
$ ./runInstaller -deinstall -removeallfiles
```

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