

# Oracle® Database

Release Notes

10g Release 2 (10.2) for HP Tru64 UNIX

**B25299-06**

February 2012

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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* and 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>

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](#)
- [Documentation Corrections and Additions](#)
- [Installation, Configuration, and Upgrade Issues](#)
- [Other Known Issues](#)
- [Documentation Accessibility](#)

## 1 Certification Information

The latest certification information for Oracle Database 10g Release 2 (10.2) is available on My Oracle Support (formerly *OracleMetaLink*) at:

<https://support.oracle.com/>

## 2 Unsupported Products

The following products are not supported with Oracle Database 10g Release 2 (10.2):

- Grid Control Support  
Oracle Database 10g Release 2 (10.2) can be managed as a target by Grid Control 10.1.0.4. However, Oracle Database 10g Release 2 is not supported by Grid Control 10.1.0.4 as a repository.
- Transparent Gateways  
Oracle Transparent Gateway for Sybase is the only supported Transparent Gateway product with this release.

### 3 Preinstallation Requirements

Refer to the installation guides for the preinstallation requirements.

### 4 Documentation Corrections and Additions

This section lists the following corrections to the installation guides for HP Tru64 UNIX:

- In *Oracle Database Oracle Clusterware and Oracle Real Application Clusters Installation Guide*, Chapter 2, "Preinstallation," section "Oracle Clusterware Home Directory," it incorrectly lists the path `/u01/app/oracle/product/crs` as a possible Oracle Clusterware home path. A default Oracle base path is `/u01/app/oracle`, and the Oracle Clusterware home must never be a subdirectory of the Oracle base directory.

A possible Oracle Clusterware home directory is in a path outside of the Oracle base directory. For example, if the Oracle base directory is `u01/app/oracle`, then the Oracle Clusterware home can be an option similar to one of the following:

```
u01/crs/  
/u01/crs/oracle/product/10/crs  
/crs/home
```

- In *Oracle Database Oracle Clusterware and Oracle Real Application Clusters Installation Guide*, Chapter 2, "Pre-Installation Tasks," section 2.6.1, "IP Address Requirements," the following text states that the virtual IP address (VIP) should respond to a `ping` command:

During installation, Oracle Universal Installer uses the `ping` command to ensure that the VIP is reachable.

The preceding statement is incorrect. Before installation, the VIP address should be configured in DHCP or `/etc/hosts`, or both, but it must not be assigned to a server that can respond to a `ping` command.

- In *Oracle Database Administrator's Reference for UNIX-Based Operating Systems*, Appendix H, "Database Limits," states the incorrect maximum value (63) for the `MAXINSTANCES` variable. The correct maximum limit for the variable is 1055.
- In *Oracle Database Installation Guide for HP Tru64 UNIX*, Chapter 4, section, "Installing Oracle Database 10g Products from the Companion CD," erroneously states that JPublisher and Oracle SQLJ are installed. The correct information is that JPublisher is not a part of Companion CD and Oracle SQLJ Demos are installed with the Companion CD instead of Oracle SQLJ.
- In *Oracle Database Companion CD Installation Guide for HP Tru64 UNIX*, Chapter 1, section, "Products Available in the Oracle Database 10g Products Installation Type," erroneously states that JPublisher and Oracle SQLJ are installed. The correct information is that JPublisher is not a part of Companion CD and Oracle SQLJ Demos are installed with the Companion CD instead of Oracle SQLJ.

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**Note:** The SQLJ Demos are installed if Oracle SQLJ was installed before running the Companion CD installation.

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## 5 Installation, Configuration, and Upgrade Issues

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

- [Adding a Node to a Shared Oracle Clusterware Configuration](#)
- [Installing Enterprise Security Manager](#)
- [Upgrading Cluster Ready Services from Release 10.1.0.2](#)
- [extjob Executable Required Directory Permissions](#)
- [Modifying a Virtual IP Address Node Application](#)
- [Incorrect Permissions After Installation](#)
- [Oracle Storage Compatibility Program Obsolete](#)

### 5.1 Adding a Node to a Shared Oracle Clusterware Configuration

Before running `root.sh` in the first node of a shared Oracle Clusterware home, add the following line in the `$ORA_CRS_HOME/opmn/conf/ons.config` file:

```
usesharedinstall=true
```

This issue is tracked with Oracle bug 4454562.

### 5.2 Installing Enterprise Security Manager

To install Oracle Security Manager, install Oracle Database Client and then select the Administrator installation type.

### 5.3 Upgrading Cluster Ready Services from Release 10.1.0.2

The Oracle Cluster Ready Services software must be at the same or newer level as the Oracle software in the Oracle RAC Oracle home. Therefore, you should always upgrade Cluster Ready Services before you upgrade Oracle RAC.

If the OCR and CSS voting files are on NFS, ensure that the NFS mount has the following options set :

```
rsize>=<max_db_block_size>  
wsizer>=<max_db_block_size>  
hard  
noac/actimeo=0
```

### 5.4 extjob Executable Required Directory Permissions

To enable the `extjob` executable to locate required libraries, the `$ORACLE_HOME/lib` directory and all of its parent directories must have execute permissions for `group` and `other`.

### 5.5 Modifying a Virtual IP Address Node Application

When modifying the name, IP address, or netmask of an existing virtual IP address (VIP) resource, use the following command:

```
srvctl modify nodeapps
```

and include the existing interfaces for the VIP in the -A argument. For example:

```
srvctl modify nodeapps -n mynode1 -A 100.200.300.40/255.255.255.0/eth0
```

This issue is tracked with Oracle bug 4500688.

## 5.6 Incorrect Permissions After Installation

Incorrect permissions are applied to the ORACLE\_HOME deirectory after the installation process of Oracle Database 10g Release 2 is over. To apply the correct permissions to the ORACLE \_HOME directory, run the following script:

```
$_ORACLE_HOME/install/ChangePerm.sh
```

This issue is tracked with Oracle bug 4516865.

## 5.7 Oracle Storage Compatibility Program Obsolete

Oracle Storage Compatibility Program (OSCP) is no longer valid. Disregard any content about OSCP in the *Oracle Database Installation Guide for HP Tru64 UNIX*.

## 6 Other Known Issues

The following sections contain information about issues related to Oracle Database 10g and associated products:

- [Cluster Verification Utility](#)
- [Importing a User Certificate Into Oracle Wallet Using Oracle Wallet Manager](#)
- [Removing Metrics for Wait Classes Removes Them Permanently](#)
- [Oracle Notification Server Issue in Shared Oracle Clusterware Home](#)
- [Invalid Link to Monitor in Memory Access Mode Feature](#)
- [Installed Products in the Inventory](#)
- [Deinstall of Oracle RAC and Oracle Clusterware Homes Fails](#)

### 6.1 Cluster Verification Utility

On HP Tru64 UNIX, only Cluster File System shared storage checks are performed with Cluster Verification Utility. Shared storage checks for LVM or raw disks are not performed as these are not supported shared storage options.

### 6.2 Importing a User Certificate Into Oracle Wallet Using Oracle Wallet Manager

Oracle Wallet Manager will fail to recognize the user certificate as valid if you capture the user certificate contents from the Oracle Certificate Authority site and save this as a flat file. This is because when saving as a flat file, all the lines of the user certificate are run together with no line breaks.

**Workaround:** Edit the user certificate. Insert a new line after

```
-----BEGIN CERTIFICATE----- and a new line before -----END CERTIFICATE-----.
```

### 6.3 Removing Metrics for Wait Classes Removes Them Permanently

Do not remove the key values for the wait class metrics. Doing so removes them permanently and currently there is no easy way to recover them.

This issue is tracked with Oracle bug 4602952.

### 6.4 Oracle Notification Server Issue in Shared Oracle Clusterware Home

While upgrading Database from 10.1 to 10.2, Oracle Notification Server shuts down if the following conditions exist:

- Oracle Clusterware 10.1 is installed with shared Oracle home
- Oracle RAC 10.1 is installed with non-shared Oracle home

**Workaround:** Complete the following steps to resolve this issue:

1. Use the following commands to add the `usesharedinstall=true` entry to the `$CRS_HOME/opmn/conf/ons.config` file:

```
$ cd $CRS_HOME/opmn/conf
$ cat >> ons.config
usesharedinstall=true
```

2. Press **Ctrl** and **D** to exit the `cat` command.
3. Use the following commands to add the `usesharedinstall=true` entry to the `$ORACLE_HOME/opmn/conf/ons.config` file:

```
$ cd $ORACLE_HOME/opmn/conf
$ cat >> ons.config
usesharedinstall=true
```

4. Press **Ctrl** and **D** to exit the `cat` command.
5. Restart the Oracle Notification Server.

This issue is tracked with Oracle bug 5325892.

### 6.5 Invalid Link to Monitor in Memory Access Mode Feature

Do not try a link to the Monitor in Memory Access Mode feature in your database screen, if you find one. This feature is not available in Enterprise Manager Database Control 10.2.0.2 release and attempting this link may stop an agent from responding.

This issue is tracked with Oracle bug 4866231.

### 6.6 Installed Products in the Inventory

If you start Oracle Universal Installer from a client using VNC or Tarantella with HP Tru64, then the Contents box of Oracle Universal Installer might not render properly to display the installed products.

**Workaround:** You can browse Oracle homes using the Tab and Arrow buttons to display the content in the Product Information box.

This issue is tracked with Oracle bug 5442053.

## 6.7 Deinstall of Oracle RAC and Oracle Clusterware Homes Fails

Oracle Inventory in HP Tru64 UNIX is shared. Due to this characteristic of Oracle Inventory, the deinstallation process of Oracle Clusterware displays the following error:

```
RemoveHome on remote node has failed
```

Where *RemoveHome* is the Oracle RAC or Oracle Clusterware home you are trying to deinstall.

This is a benign message which you can ignore.

## 7 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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