Oracle® Database

Release Notes

10*g* Release 1 (10.1.0.2.0) for Solaris Operating System (SPARC)

February 2004

Part No. B13612-02

This document contains important information that was not included in the platform-specific or product-specific documentation for this release.

It contains the following topics:

This document may be updated after release. To check for updates to this document and to view other product-specific release notes, see the Documentation section on the OTN Web site:

`http://otn.oracle.com/documentation`

For additional information about this release, see the readme files located in the `$ORACLE_HOME/relnotes` directory.

Product Issues

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

Silent Installations that Use ASM

You cannot use the silent installation method to install Oracle Database 10*g* and create a database that uses ASM for database storage during the same installation. This is because the `root.sh` script must run before the Database Configuration Assistant (DBCA) can start an ASM instance.

If you want to use the silent installation method to install Oracle Database 10*g* and create a database that uses ASM, follow these steps:

1. Use the `enterprise.rsp` response file to complete a software-only installation.
2. Run `$ORACLE_HOME/root.sh` after the installation completes.
3. Use the `dbca.rsp` response file to run DBCA in silent mode, using a command similar to the following:

   ```
   $ $ORACLE_HOME/bin/dbca -silent -responseFile /full_path/dbca.rsp
   ```

Oracle Cluster Ready Services Silent Installation

If you perform a silent installation of Oracle Cluster Ready Services (CRS) on multiple nodes, on a system that does not have other Oracle installations, the Installer does not set up the Oracle Inventory correctly.

In this case, after the installation is complete, follow these steps:

1. Run the `orainstRoot.sh` script on a local node.
2. Copy the `oraInventory` directory from the local node to each of the remote nodes.

3. Log in as the `root` user and run the following script on each remote node:

   ```
   oraInventory/orainstRoot.sh
   ```

SUNWlibC Package for CRS

Before installing CRS, make sure that the `SUNWlibC` package is installed on the system. This package is required to successfully start CRS.

Net Configuration Assistant Help

In the Net Configuration Assistant (NetCA) help, the link to the Select Oracle Context help topic is broken. The text for this topic is as follows:

Directory Usage Configuration, Select Oracle Context

Oracle administrative content has been found in more than one location in the directory. Oracle administrative content is stored in an Oracle Context, a subtree in the directory that stores Oracle entries.

From the list, select or enter the location you want to use as the default Oracle Context location from which this computer will access Oracle entries, such as connect identifiers.

NLB Files in Oracle Locale Builder

An NLB file is a binary file that contains the settings for a specific language, territory, character set, or linguistic sort. For the initial release, NLB files are not correctly parsed or displayed. When you load an NLB file in Oracle Locale Builder, the NLB information displayed is truncated. This issue is tracked through Oracle bug 3354923.

Flashback Table or Flashback Analysis

If a user invokes the Flashback Table or Flashback Analysis operation, and that user has FLASHBACK ANY TABLE privileges but does not have specific flashback privileges on the objects that flashback is invoked on and does not have DBA privileges, then the following errors may occur:

```
ORA-02002: error while writing to audit trail
ORA-00600: internal error code, arguments: [kzasps1], [4], [47], [],[],
```

To fix this problem, as SYSDBA, grant the user FLASHBACK privilege on the objects that are referred to in the FLASHBACK TABLE statement and then invoke the flashback operation. For example:

```
SQL> GRANT FLASHBACK ON SCOTT.EMP_1 TO user1;
```

This issue is tracked through Oracle bug 3403666.

Oracle Workflow

Although Oracle Workflow is listed on the Companion CD installation screens, it is not included in this release.

Enabling Automated Backups

While installing Oracle Database, the Specify Backup and Recovery Options screen may appear truncated if your system does not have the required fonts installed. If your system has only fixed-width fonts, you may not be able to fully specify the required information in the Backup Job Credentials area of the screen. To work around this issue, do not select **Enable Automated Backups** on this screen. After the installation is complete, use the Oracle Enterprise Manager 10*g* Database Control to enable automated backups.

Documentation Updates

The following sections contain updates to the Oracle Database 10*g* documentation:

- Disk Space Requirement for Oracle Database 10g Products
- Installer Path
- RAC racgons Command
- Running DBCA on RAC
- Deleting Nodes from Oracle Clusters on UNIX-Based Systems

Disk Space Requirement for Oracle Database 10*g* Products

The disk space requirement listed for Oracle Database 10g Products in the Oracle Database Companion CD Installation Guide for UNIX Systems is incorrectly shown as 1000 GB. The correct disk space requirement is 1 GB (1000 MB).

Installer Path

Pages 5-4 and 5-8 of the *Oracle Real Application Clusters Administrator's Guide* include the following path:

```
<CRS home>/OUI/bin
```

In these examples, the correct path should be:

```
<CRS home>/oui/bin
```

RAC racgons Command

The following example appears on page 5-6 of the *Oracle Real Application Clusters Administrator's Guide*:

On all platforms, execute the `racgons` utility from the `bin` subdirectory of the CRS home to configure the Oracle Notification Services (ONS) port number as follows:

```
racgons <nodeI>:4948 <nodeI+1>:4948 ... <nodeI+n>:4948
```

The command should be:

```
racgons add_config <newnodename>:4948
```

Running DBCA on RAC

The following text appears on page 5-10 of the *Oracle Real Application Clusters Administrator's Guide*:

Execute the following procedures on each new node to add instances:

1. Start the Database Configuration Assistant (DBCA) by entering `dbca` at the system prompt from the `bin` directory in the `$ORACLE_HOME` on UNIX.

This text should be changed as follows:

Execute the following procedures *for* each new node to add instances:

Deleting Nodes from Oracle Clusters on UNIX-Based Systems

The following text replaces the "Deleting Nodes from Oracle Clusters on UNIX-Based Systems" section, on page 5-13 of the *Oracle Real Application Clusters Administrator's Guide*:

Use the following procedures to delete nodes from Oracle clusters on UNIX-based systems:

1. If there are instances on the node that you want to delete, then execute the procedures in the section titled "Deleting Instances from Real Application Clusters Databases" on page 5-12 before executing these procedures. If you are deleting more than one node, then delete the instances from all the nodes that you are going to delete.

2. To delete node applications, enter the following command as the `root` user, where `<node1>` through `<nodeN>` is a comma-separated list of the nodes that you want to delete:

   ```
   rootdeletenode.sh <node1>,<node2>,...,<nodeN>
   ```

3. On the same node that you are deleting, enter the following command as the `oracle` user, where `node1` through `<nodeN>` is a comma-separated list of nodes that are remaining in the cluster. This list must exclude the nodes that you are deleting.

   ```
   <Oracle home>/oui/bin/runInstaller -updateNodeList \
    ORACLE_HOME=<Home location> \
    CLUSTER_NODES=node1,node2,...<nodeN>
   ```

   Note: This command line invocation will not launch the GUI version of the Installer.

4. If you are not using a cluster file system for the Oracle home, then on the node that you are deleting, remove the Oracle database software by executing the `rm` command as the `oracle` user. Make sure that you are in the correct Oracle home of the node that you are deleting when you execute the `rm` command. Execute this command on all the nodes that you are deleting.

5. Log in as the `root` user. If the `ocr.loc` file is on a shared file system, then enter the following command:

   ```
   <CRS home>/install/rootdelete.sh remote sharedvar
   ```

   If the `ocr.loc` file is not on a shared file system, then enter the following command:

   ```
   <CRS home>/install/rootdelete.sh remote nosharedvar
   ```

   If you are deleting more than one node from your cluster, then repeat this step on each node that you are deleting.

6. As the `root` user, enter the following command on any remaining node in the cluster to delete the nodes from the Oracle cluster and to update the Oracle Cluster Registry (OCR):

   ```
   <CRS Home>/install/rootdeletenode.sh
   ```

   If you are deleting multiple nodes, then enter the following command, where `node1` through `<nodeN>` is a list of the nodes that you want to delete, and `<node1-number>` through `<nodeN-number>` represents the node number:

   ```
   <CRS Home>/install/rootdeletenode.sh \
   node1,<node1-number>,node2,<node2-number>,...<nodeN>,<nodeN-number>
   ```

   To determine the node number of any node, enter the following command:

   ```
   <CRS Home>/bin/olsnodes -n
   ```

7. On the same node, as the `oracle` user, enter the following command, where `node1` through `<nodeN>` is a comma-separated list of nodes that are remaining in the cluster:

   ```
   <CRS home>/oui/bin/runInstaller -updateNodeList \
    ORACLE_HOME=<CRS home> \
    CLUSTER_NODES=node1,node2,... <nodeN>
   ```

8. If you are not using a cluster file system, then on the node that you are deleting, remove the Oracle CRS software by executing the `rm` command as the `root` user. Make sure that you execute the `rm` command from the correct Oracle CRS home. Execute the `rm` command on every node that you are deleting.

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`http://www.oracle.com/accessibility/`

Accessibility of Code Examples in Documentation

JAWS, a Windows screen reader, 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, JAWS may not always read a line of text that consists solely of a bracket or brace.