Oracle® Database

Release Notes

12*c* Release 1 (12.1) for Microsoft Windows

E17739-05

July 2014

This document contains 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) website:

http://www.oracle.com/technetwork/indexes/documentation/index.html

This document contains the following topics:

- Certification Information
- Latest Upgrade Information
- Unsupported Products
- Installation, Configuration, and Upgrade Issues
- Other Known Issues
- Documentation Accessibility

1 Certification Information

The latest certification information for Oracle Database 12*c* is available on My Oracle Support at:

https://support.oracle.com

Pro*Cobol Support Information
Starting with Oracle Database 12.1.0.1.9 bundled patch, Pro*Cobol is supported on Windows 8 (32-bit and 64-bit) and Windows Server 2012 x64 systems.

2 Latest Upgrade Information

For late-breaking updates and best practices about preupgrade, postupgrade, compatibility, and interoperability discussions, refer to Note 1462240.1 on My Oracle Support that links to the "Upgrade Companion" page.

```
https://support.oracle.com
```

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3 Unsupported Products

In addition to the items listed in section, "Features Not Available or Restricted in Oracle Database 12*c*," in *Oracle Database Readme*, the following products or features are not supported:

Product/Component	Support Status
DCE Adapter Support	Not supported on Windows x64.
Entrust Authority	Not supported on Windows x64.
Oracle RAC, Oracle Cluster File System, Server Management, and Oracle ASM	Not supported on x64 client operating systems and Windows Server 2012 x64.
Oracle Grid Infrastructure, Oracle Restart	Not supported on x64 client operating systems and Windows Server 2012 x64.
Oracle Automatic Storage Management and Oracle Notification Service-based Fast Application Notifications for IPv6	Not supported on Windows x64.
Thales The Hardware Security Modules are from the nCipher product line.	Not supported on Windows 7 for x64 platforms.
SafeNet	Not supported on Windows x64.
Oracle Messaging Gateway	Not supported on x64 client operating systems.
Business Components for Java (BC4J)	Not supported on Windows x64.
CyberSafe Adapter Support	Not supported on Windows x64.
Java Server Pages	Not supported on Windows x64.
Object Oriented COBOL (OOCOBOL) specifications	Not supported on Windows x64.
Oracle HTTP Server	Not supported on Windows Server 2008 x64.
Java Access Bridge	Not supported on Windows Server 2012 x64.
The standalone version of the Deinstallation Tool	Not supported on Windows x64.
IPv6 for Oracle RAC, Oracle Grid Infrastructure	Not supported on Windows x64.
Oracle Flex Clusters	Not supported on Windows x64.

In this table, client operating systems refer to the family of single user operating systems.

Database Smart Flash Cache Support

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

Oracle Automatic Storage Management Cluster File System (Oracle ACFS) and Oracle Automatic Storage Management Dynamic Volume Manager (Oracle ADVM) Support

Database data files are not supported on Oracle ACFS on Windows.

For the latest information about supported platforms and releases, refer to Note 1369107.1 on My Oracle Support.

https://support.oracle.com

Oracle Grid Infrastructure Support for NTFS on Oracle ADVM

NTFS is not supported as a highly available single file system resource for this release. NTFS is still available to run on Oracle ADVM without Oracle Grid Infrastructure support.

Oracle SQL Developer Support

Oracle SQL Developer that is installed with Oracle Database 12*c* Release 1 (12.1) is not supported on Windows x64.

Workaround:

Download Oracle SQL Developer 3.2 or later from the Oracle Technology Network (OTN) website:

http://www.oracle.com/technetwork/developer-tools/sql-developer/overview/index.html

ASMLIB Support

ASMLIB is not supported.

ReFS Support

Resilient File System, which is a new file system available on Windows 8 and Windows Server 2012, is not supported for this release.

4 Installation, Configuration, and Upgrade Issues

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

- Oracle Base Sharing Issue with Oracle RAC Database
- Oracle Universal Installer Wrongly Reports Insufficient Disk Space During an Oracle RAC Database Installation
- Cluster Verification Utility Check Fails After Oracle Grid Infrastructure Upgrade
- Deinstallation Tool Does Not Remove invDetails.properties File
- Using Deinstallation Tool for a Single-Instance Oracle Database Returns Errors
- Oracle Restart Integrity Check Fails During Oracle Grid Infrastructure Upgrade
- Oracle Home has Incorrect Access Control List
- Oracle ACFS Version Mismatch Issue
- OUI-35078 Error When Upgrading Oracle Grid Infrastructure
- Setting Access Control List on Remote Node Fails

4.1 Oracle Base Sharing Issue with Oracle RAC Database

When you share an Oracle base of a previous release with Oracle RAC Database, Database Configuration Assistant may report the following errors:

```
ORA-48141: error creating directory during ADR initialization
ORA-48189: OS command to create directory failed
```

Workaround:

Manually modify the permissions of *ORACLE_BASE*/diag directory by adding the following:

```
hostname\ORA_GRID_LISTENERS Full Control
Oraclehomeuser Full control
```

For example:

```
cacls.exe ORACLE_BASE\diag /E /T /G ORA_GRID_LISTENERS:F OracleHomeUser:F
```

This issue is tracked with Oracle bug 14353370.

4.2 Oracle Universal Installer Wrongly Reports Insufficient Disk Space During an Oracle RAC Database Installation

Oracle ACFS mounted on any drive letter may result in the following error during an Oracle RAC database installation:

```
[INS-32021] Insufficient disk space on this volume for the selected Oracle home.
[INS-30052] Check for free disk space across nodes failed.
```

Workaround:

If the location you have chosen for the Oracle home has at least 3614 MB of free disk space, then create a top-level directory of `ORACLE_HOME` on the Oracle ACFS drive and use that directory as the mount point.

This issue is tracked with Oracle bugs 14255871 and 14547206.

4.3 Cluster Verification Utility Check Fails After Oracle Grid Infrastructure Upgrade

When you upgrade Oracle Grid Infrastructure for a cluster from release 11.1.0.7 to release 12.1, the Oracle Cluster Registry Integrity check may fail as the Oracle Cluster Registry appears to be on Oracle File System (which is deprecated).

The following is the error:

```
PRVF-10037 : Failed to retrieve storage type for xx on node xx
```

Workaround:

Perform the following steps to upgrade Oracle Grid Infrastructure:

1. Upgrade Oracle Grid Infrastructure release 11.1.0.7 to release 11.2.0.3.

2. Move Oracle Cluster Registry to Oracle Automatic Storage Management.

3. Upgrade Oracle Grid Infrastructure to release 12.1.

This issue is tracked with Oracle bug 13615858.

4.4 Deinstallation Tool Does Not Remove invDetails.properties File

The Deinstallation Tool fails to remove the `invDetails.properties` file when removing Oracle RAC home.

Workaround:

Manually remove the `dbhome\inventory` directory.

This issue is tracked with Oracle bug 13940962.

4.5 Using Deinstallation Tool for a Single-Instance Oracle Database Returns Errors

The Deinstallation Tool fails to remove the Oracle home and displays `file in use errors` as the services and processes running from the Oracle home are not removed completely before the Oracle home removal.

Workaround:

Manually remove the Oracle home.

This issue is tracked with Oracle bug 10035858.

4.6 Oracle Restart Integrity Check Fails During Oracle Grid Infrastructure Upgrade

When upgrading Oracle Grid Infrastructure for a standalone server to release 12.1, the Oracle Restart integrity check may fail as the service, `OracleOHService`, does not start after system restart.

Workaround:

Set the **Startup Type** of `OracleOHService` to **Automatic** in the Windows Services Manager and start the `OracleOHService`.

This issue is tracked with Oracle bug 14592705.

4.7 Oracle Home has Incorrect Access Control List

If you install Oracle RAC into a shared Oracle home directory that is a subdirectory of an unshared Oracle base directory, then the Access Control List of the Oracle home is incorrect. As a result, the shortcuts may not work.

Workaround:

During the Oracle RAC Database installation, do not mount Oracle ACFS as a subdirectory of Oracle base.

This issue is tracked with Oracle bug 14593681.

4.8 Oracle ACFS Version Mismatch Issue

When upgrading Oracle Grid Infrastructure for a standalone server to release 12.1, you may encounter the following error:

```
ACFS-00515: version mismatch
```

Workaround:

Perform the following steps before beginning the upgrade of Oracle Grid Infrastructure for a standalone server:

1. Stop the Oracle High Availability Services stack:

    ```
    crsctl stop has
    ```

2. Disable the automatic startup of the Oracle High Availability Services stack:

    ```
    crsctl disable has
    ```

3. Restart the node.

4. Uninstall Oracle ACFS:

    ```
    acfsroot uninstall
    ```

5. Start the Oracle High Availability Services stack:

    ```
    crsctl start has
    ```

6. Begin the upgrade of Oracle Grid Infrastructure for a standalone server.

7. Reenable Oracle ACFS volumes and mount points using SQL, ASMCA, or command-line utilities.

This issue is tracked with Oracle bug 14615024.

4.9 OUI-35078 Error When Upgrading Oracle Grid Infrastructure

When upgrading to Oracle Grid Infrastructure for a cluster release 12.1, you may encounter the following errors:

```
OUI-35078: Error in updating env on nodes 'node_name'
PRKN-1019: Failed to create directory "C:\%Temp%\oraremservice\"on node" node_name
"
Error: The network name cannot be found.
```

Workaround:

Ignore the error and continue with the upgrade.

This issue is tracked with Oracle bug 14646033.

4.10 Setting Access Control List on Remote Node Fails

When upgrading Oracle Grid Infrastructure release 11.2.0.3 to release 12.1, setting the Access Control List on a remote node fails with the following error:

```
PRKN-1019 : Failed to create directory
""%TMPDIR%\oraremservice\" on node
"node_name", Error: "0|The network name cannot be found.
```

Workaround:

Ignore the error and continue with the upgrade.

This issue is tracked with Oracle bugs 14639343 and 14579961.

4.11 Cluster Verification Utility (CVU) Must Be Stopped Before Oracle Clusterware Upgrade

When upgrading Oracle Clusterware release 11.2 to release 12.1, the CVU uses the Oracle home from the earlier release, while the Oracle Universal Installer uses the services of release 12.1.

Workaround:

Perform the following steps:

1. Manually stop the CVU before starting the upgrade:

    ```
    srvctl stop cvu
    ```

    or

    ```
    crsctl stop res ora.cvu
    ```

2. Stop the dbconsole service of the target Grid home from the Services control panel on all the nodes.

This issue is tracked with Oracle bug 14669580.

4.12 INS-30052 Error During Database Upgrade

When upgrading Oracle Grid Infrastructure for a cluster from release 11.2.0.3 to release 12.1, Oracle Universal Installer may show the following error:

```
WARNING: [WARNING] [INS-30052] Check for free disk space across nodes failed.
```

Workaround:

Select **Cancel** and click **Next**. The error does not appear again.

This issue is tracked with Oracle bug 14667513.

4.13 ORA-01565 Error When Upgrading Oracle Database Using Oracle Database Upgrade Assistant

When upgrading Oracle Database to release 12.1 and specifying an Oracle home user, Oracle Database Upgrade Assistant fails to start the database and displays the following error:

```
ORA-01565: error in identifying file 'string'
```

Workaround:

Perform the following steps:

1. Upgrade Oracle Grid Infrastructure database release 11.2 to Oracle Grid Infrastructure release 12c. Do not select the option to configure a Grid Infrastructure Management Repository database. Also, do not specify an Oracle home user.

2. After the upgrade completes, get a list of all the Oracle ASM disks using the following command:

    ```
    asmtool -list
    ```

3. For every Oracle ASM disk, use the `oradim` command, passing the appropriate DosDeviceName in the form `\\.\XXXXXXXX` to update the permissions of all Oracle ASM disks. On each cluster node, run the following command for each Oracle ASM disk:

    ```
    oradim  -ACL -setperm RawDevice -USER oracle -OBJTYPE RawDevice -OBJPATH
    \\.\ORCLDISKDATA0 -RECURSE false
    ```

4. Proceed to upgrade Oracle Database.

This issue is tracked with Oracle bug 14646315.

4.14 Oracle Grid Infrastructure Configuration Issue

When upgrading Oracle Grid Infrastructure for a cluster from release 11.2.0.3 to release 12.1, the Oracle Grid Infrastructure configuration may fail with the following error message in the log file, *Grid_home*/cfgtoollogs/crsconfig/:

```
unable to run (%ORACLE_HOME%\perl\bin\perl.exe %ORACLE_
HOME%/crs/install/rootcrs.pl -remotenode -upgrade) on node node_name
```

Workaround:

Perform the following steps:

1. Run the following command on each failed remote node:

    ```
    Grid_home\crs\config\crsconfig.bat -upgrade
    ```

2. Click **Skip** to ignore the error message on the Oracle Universal Installer screen and proceed to the next configuration tool.

This issue is tracked with Oracle bug 14492080.

After performing the last step, continue with the installation. If you see the error message, `PRKN-1014 : Failed to execute remote command "`*`Grid_`*`home`*`\bin\olsnodes.exe`*`" on node` *`node_name`*, then click **Ignore**, and continue with the installation.

This issue is tracked with Oracle bug 14646125.

4.15 Issues While Upgrading Oracle Grid Infrastructure for a Cluster to Release 12.1

Oracle Database Configuration Assistant may hang while creating the Oracle Grid Infrastructure Management Repository database because the old Oracle ASM links are not removed.

Workaround:

Select **No** on the Grid Infrastructure Management Repository Option screen during the database upgrade.

This issue is tracked with Oracle bug 14511564.

4.16 Oracle Database Fails to Restart

If you enable the `ACCESS_CONTROL.ENABLED` disk group attribute, the file access control feature does not work correctly and Oracle Database fails to restart.

Workaround:

Disable the `ACCESS_CONTROL.ENABLED` attribute and restart Oracle Database.

This issue is tracked with Oracle bug 14083902.

4.17 PLS-00923 Error During Database Upgrade

On Windows Server 2008 R2 or later, when you upgrade Oracle Database Release 10.2 that has Oracle Label Security installed, the `olspreupgrade.sql` script may fail with the following error:

```
Errors for FUNCTION GET_SPACE_REQUIRED:
0/0     PLS-00923: native compilation failed: C compilation or linking
          failed:cl : Command line error D8037 : cannot create temporary il
          file; clean temp directory of old il files
Warning: Function created with compilation errors.
```

Workaround:

This issue is fixed in Oracle Database Release 10.2 and is tracked with Oracle bug 14304710. Apply the fix to the 10.2 Oracle home and then run the `olspreupgrade.sql` script.

4.18 Disk Space Requirement Issue for Personal Edition

The disk space requirement for Personal Edition is 4.85 GB, while Oracle Universal Installer shows 3.9 GB.

This issue is tracked with Oracle bug 16771442.

4.19 Oracle Net Listener Fails to Start

Oracle Net Listener may fail to start on a Windows host that does not have the loopback address, `127.0.0.1`, configured.

Workaround:

This loopback address is required. However, at an external network level, the host may be configured to have only IPv6 addresses for the supported configurations.

This issue is tracked with Oracle bug 16867401.

4.20 Deinstallation Tool Does Not Remove Operating System Groups

The Deinstallation Tool fails to remove the following operating system groups when removing Oracle Database Gateway:

```
ORA_DBA
ORA_INSTALL
ORA_CLIENT_LISTENERS
ORA_HOMENAME_DBA
ORA_HOMENAME_SVCSIDS
```

Workaround:

Manually delete the groups, ORA_*HOMENAME*_DBA and ORA_*HOMENAME*_SVCSIDS using the following command:

```
net localgroup /DELETE group_name
```

If there are no other Oracle homes registered in the central inventory or if the inventory was deleted during the deinstallation, then delete the ORA_DBA, ORA_INSTALL, and ORA_CLIENT_LISTENERS groups too.

This issue is tracked with Oracle bug 16870153.

4.21 Deinstallation Tool Error Message

The Deinstallation Tool displays that the cleanup of some registry entries fails with the following error message, however, in most cases, the registry keys do not exist:

```
The specified path is invalid..
```

Workaround:

Manually delete the registry keys mentioned in the error message, if present.

This issue is tracked with Oracle bug 16805631.

4.22 Oracle Configuration Manager (OCM) Left in Disconnected Mode in a Cloned Oracle Home

When using the `deriveCCR` command, the OCM does not prompt for information and may remain in the disconnected mode in the following conditions:

- The OCM in the source Oracle home is in disconnected mode when copied to the cloned Oracle home.

- There is no connectivity to the end point.

- Credentials cannot be verified.

Workaround:

Change the OCM to connected mode by running the `configCCR` command from the cloned Oracle home after the `deriveCCR` command completes.

This issue is tracked with Oracle bug 11723395.

4.23 Issue When the Host Name is in Uppercase Letters

Oracle Universal Installer reports the following error on the Specify Management Options screen when you specify the host name of the system with uppercase letters:

```
[INS-35026] Unable to connect to Enterprise Manager Cloud Control.
```

This issue is tracked with Oracle bug 16814249.

4.24 Oracle Grid Infrastructure Installation Fails with Shared Grid Naming Service (GNS)

While installing Oracle Grid Infrastructure for a cluster on a shared GNS, the installation may fail if you provide the client data file path location on a remote computer.

Workaround:

Copy the client data file to a local computer and provide the local path to Oracle Universal Installer.

This issue is tracked with Oracle bug 17017165.

4.25 Services for an Oracle RAC 10.2 Database Instance Fail to Start

After configuring an Oracle RAC Database Release 10.1, 10.2, or 11.1 on an Oracle Grid Infrastructure release 12.1, when you restart a node, the database instance resource running on that node may erroneously report an online state when it is actually offline. Any service associated with the instance fails to start.

Workaround:

Run the following commands on the node that was restarted:

```
srvctl stop instance -d db_unique_name -i instance_name
srvctl start instance -d db_unique_name -i instance_name
```

This issue is tracked with Oracle bug 10224187.

4.26 Oracle Home User Password Issue When Using Non-ASCII Characters for Certain Languages

While running Oracle Universal Installer to install Oracle Database, if you provide a non-ASCII password for Oracle Home user, the installation may fail with the following error for Simplified Chinese, Traditional Chinese, Japanese, and Korean languages.

```
INS-20802 Oracle net configuration assistant failed
```

Workaround:

Specify an ASCII password for Oracle Home User.

This issue is tracked with Oracle bug 17073971.

5 Other Known Issues

The following section contains information about issues related to Oracle Database 12*c* and associated products:

- Using Oracle ACFS for the Database Home and Large Object Files
- Oracle Grid Infrastructure Listeners Issue
- Oracle ACFS Security Realm Issue
- Incorrect Parameter Error When Running Shortcuts
- Database Files Fail to Delete on Dropping a Database
- Additional Mount Option Support Issue
- Shortcuts Not Organized on Windows Server 2012
- ORA-01017 Error with Multitenant Container Databases
- Grid Management Repository Database Fails to Restart After Process Failure in Heavy Load Situations
- Oracle Flex ASM Fails to Start
- Oracle Enterprise Manager Database Express URL Issue
- Online Database Relocation Issue
- Oracle Home User Password Issue When Using Non-ASCII Characters with Command-Line Utilities on Non-English Locale
- Oracle ASM Instance Status Issue with Oracle Grid Infrastructure for a Standard Cluster
- Oracle Home Permissions Issue on Oracle RAC
- PRVF-7535 Error on Windows 8
- Management Database Relocation Issue
- Oracle Home User Domain Causes Issues with Oracle Database Extensions for .NET and Oracle Database Gateways

5.1 Using Oracle ACFS for the Database Home and Large Object Files

When the Oracle home is on Oracle ACFS, the installation location must be of the format, `DRIVE_LETTER:\directory`, that is, the Oracle ACFS should be mounted on a new drive.

This issue is tracked with Oracle bug 9527303.

When installing or upgrading Oracle Database home on Oracle ACFS, the Oracle Database Configuration Assistant and the Oracle Database Upgrade Assistant fail to instantiate schemas that have large objects (for example, Database sample schemas).

Workaround:

Use SQL*Plus to manage LOB files when the Oracle home is on Oracle ACFS.

This issue is tracked with Oracle bug 13702902.

5.2 Oracle Grid Infrastructure Listeners Issue

After installing Oracle Grid Infrastructure, the default listener does not listen on public addresses. As a result, even though the listener is available, the listener does not service the database or Oracle ASM instances.

Workaround 1:

If you are not using GNS with DHCP, then perform the following steps:

1. Add the local `IP address` and `host name` information to `%Systemroot%\System32\Drivers\Etc\Hosts`.

    For example, `IP address`: 192.0.2.254

    `host name`: dbhost

2. Restart the Oracle Grid Infrastructure listener.

This issue is tracked with Oracle bug 9382523.

Workaround 2:

If you have configured GNS and use DHCP to assign the addresses for the cluster nodes, then configure DHCP so that the IP address assigned to the host name for each cluster node (the public IP address) has a smaller numeric value than the IP addresses assigned for the Virtual IP (VIP) address, GNS VIP address, or SCAN VIP address for a node.

For example, you could use IP addresses in the range of xxx.xxx.xxx.0 – xxx.xxx.xxx.099 for only host IP addresses, and all other IP address assignments must use a value of xxx.xxx.xxx.100 or higher.

This issue is tracked with Oracle bug 9441288.

5.3 Oracle ACFS Security Realm Issue

When adding objects to an Oracle ACFS security realm, the command is successful but you may see the following error message:

```
acfsutil sec realm add: ACFS-10583: Internal API error : [Save DOM failed, 202].
```

Workaround:

Add the security administrator to the realm that contains the entire file system.

This issue is tracked with Oracle bug 14586440.

5.4 Incorrect Parameter Error When Running Shortcuts

In Windows 2008 R1, if you run a shortcut that resolves to an executable on an Oracle ACFS file system, and select the **Run as administrator** check box in the shortcut properties, you may encounter the following error message:

```
The parameter is incorrect
```

Workaround 1:

Ensure that you do not select the **Run as administrator** check box if the program does not require administrator rights. If required, select the check box and run the program.

Workaround 2:

Mount Oracle ACFS file system on a folder on an NTFS file system.

This issue is tracked with Oracle bug 14635955.

5.5 Database Files Fail to Delete on Dropping a Database

Dropping a database may not delete the database files physically, if the database was opened (even though it was closed subsequently) before the dropping operation. This issue can occur with a regular database or a pluggable database.

No errors are reported in the SQL*Plus command but the database files may not be deleted physically. The alert log may report errors regarding the failure to delete the files.

Workaround:

Manually remove the relevant database files.

5.6 Additional Mount Option Support Issue

The `SRVCTL modify filesystem` and `add filesystem` commands allow you to specify optional file system mount options on all platforms, using the argument `-fsoptions`. You use this option to specify Oracle ACFS and operating system specific mount options. However, Windows does not support additional mount options (such as read only), so, `-fsoptions` has no effect on the underlying mount.

This issue is tracked with Oracle bug 14579939.

5.7 Shortcuts Not Organized on Windows Server 2012

The Start screen shows all the shortcuts together, that is, the shortcuts are not grouped appropriately.

This issue is tracked with Oracle bug 16023635.

5.8 ORA-01017 Error with Multitenant Container Databases

In multitenant container databases on Windows platforms, user authentication through Enterprise User Security is not supported. If you attempt to log in as an Enterprise Security user to a pluggable database, then the login fails with the following error message:

```
ORA-01017: Invalid username/password;logon denied.
```

Workaround:

None

This issue is tracked with Oracle bug 16385258.

5.9 Grid Management Repository Database Fails to Restart After Process Failure in Heavy Load Situations

If you are using the Grid Management Repository database, and a process failure occurs on a heavily loaded system, the database may fail to restart.

Workaround:

Use the following commands to re-create the Grid Management Repository database listener, then start the Repository database:

```
crsctl check res ora.MGMTLSNR
srvctl start mgmtdb
```

This issue is tracked with Oracle bug 16772567.

5.10 Oracle Flex ASM Fails to Start

Oracle Flex ASM service may fail to start while moving the Grid home to a new location.

Workaround:

Open the Control Panel and remove all the services that are named Oracle, running from an earlier Grid home.

This issue is tracked with Oracle bug 16801852.

5.11 Oracle Enterprise Manager Database Express URL Issue

When you create an Oracle RAC Database, Oracle Enterprise Manager Express HTTPS URL may not work as the grid listeners do not have permission to access the wallet directory. The HTTP URL works fine.

Workaround:

Add permission for all the wallet files on XDB wallet folder by running the following command:

```
cacls.exe xdb_wallet path /T /E /G ORA_GRID_LISTENERS:F
```

If the Oracle home user is set during an Oracle RAC installation, then the installation user may not have the permission to update the ACLs on wallet files. In that case, run the command with the specific Oracle home user.

This issue is tracked with Oracle bug 16394272.

5.12 Online Database Relocation Issue

Oracle RAC One Node database online relocation sometimes displays the following error:

```
A fatal error has been detected by the Java Runtime Environment:
EXCEPTION_ACCESS_VIOLATION (0xc0000005
```

The relocation completes regardless of the error.

Workaround:

None

This issue is tracked with Oracle bug 14680430.

5.13 Oracle Home User Password Issue When Using Non-ASCII Characters with Command-Line Utilities on Non-English Locale

When you run command-line utilities, such as ORADIM, LSNRCTL, or Oracle Home User tool, orahomeuserctl.bat on a non-English locale to provide the Oracle Home User password, any non-ASCII characters used in the password may enter as garbled text. Any non-ASCII data displayed on the screen may also appear as garbled text. This

issue reproduces on computers that are using a non-English locale and only if the OEM code page is different from the local Windows ANSI code page.

Workaround:

Perform the following steps:

1. Determine the system Windows ANSI code page on the local computer by viewing the value of the following key in Windows registry:

   `HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\NLS\CodePage\ACP`

2. Open a Command Prompt (console) window and run the `chcp` command:

   `chcp Windows_ANSI_code_page`

3. Set the font property for this Command Prompt window to a TrueType font:

   1. Right-click the title bar of the window and select **Properties**.

   2. Click **Font** and select **Lucida Console** from the list.

   3. Click **OK**.

4. Then, run the utility in the same Command Prompt window.

This issue is tracked with Oracle bug 16420596.

5.14 Oracle ASM Instance Status Issue with Oracle Grid Infrastructure for a Standard Cluster

When you install Oracle Grid Infrastructure for a standard cluster with Oracle Flex ASM storage and shared GNS option, the status of Oracle ASM resources may show `INTERMEDIATE` state.

Workaround:

None, the state of Oracle ASM resources automatically changes to `ONLINE` in some time.

This issue is tracked with Oracle bug 17038111.

5.15 Oracle Home Permissions Issue on Oracle RAC

During an Oracle RAC Database installation, the read and execute permissions for the Windows operating system group, `Authenticated Users`, may be removed from the `ORACLE_HOME` directory if all the following conditions are true for that Oracle home:

- The Oracle home location specified is under Oracle base

- The Oracle home is on Oracle ACFS mount, shared across nodes

- The Oracle base is on a local file system, non-shared location

- The Oracle base and Oracle home directory names use different case on the Oracle Universal Installer screen

  For example:

  ```
  C:\app\base
  c:\app\base\product\dbhome_1
  ```

Workaround:

Grant read and execute permissions to the Windows operating system group, `Authenticated Users,` for the Oracle home directory, including all its subfolders and files.

This issue is tracked with Oracle bug 17041387.

5.16 PRVF-7535 Error on Windows 8

While installing Oracle Database Client (32-bit) on Windows 8, you may see the following error:

```
PRVF-07535: Proper architecture is not found on node "{0}" [Expected = "{1}" ;
Found = "{2}"]
```

Workaround:

Ignore the error and proceed with the installation.

This issue is tracked with Oracle bug 17015590.

5.17 Management Database Relocation Issue

Management Database relocation fails the first time if the target node does not have Oracle ASM instance.

Workaround:

Relocating the management database the second time is successful.

This issue is tracked with Oracle bug 16987418.

5.18 Oracle Home User Domain Causes Issues with Oracle Database Extensions for .NET and Oracle Database Gateways

If Oracle Home User is a Windows domain user and it belongs to a different Windows domain than the computer's domain, running a.NET stored procedure fails with the following errors:

```
ORA-28575: unable to open RPC connection to external procedure agent
ORA-06512: at stringline string
```

Any attempt to access Oracle Database Gateway also fails with the following error:

```
SQL> select * from dual@holink2;
select * from dual@holink2

ORA-28545: error diagnosed by Net8 when connecting to an agent
Unable to retrieve text of NETWORK/NCR message 6553
```

This issue does not occur if you are using Windows built-in account or Windows local user account as Oracle Home user.

Workaround:

Use an Oracle Home User that belongs to the same Windows domain as the computer's domain, or contact Oracle Support.

This issue is tracked with Oracle bug 16221493.

6 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

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