

Oracle® Database

Release Notes

11g Release 1 (11.1) for Microsoft Windows

B32005-10

April 2011

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/technetwork/indexes/documentation/index.html>

For additional information about this release, refer to the readme file located in the `ORACLE_BASE\ORACLE_HOME\relnotes` directory.

Note: The Database Quick Installation Guides are no longer available in printed format. These documents are available with the media in the same location as the software and on Oracle Technology Network.

This document contains the following topics:

- [Certification Information](#)
- [Unsupported Products](#)
- [Preinstallation Requirements](#)
- [Installation, Configuration, and Upgrade Issues](#)
- [Known Issues on Windows Vista and Windows Server 2008](#)
- [Other Known Issues](#)
- [Documentation Corrections and Additions](#)
- [Documentation Accessibility](#)

1 Certification Information

The latest certification information for Oracle Database 11g Release 1 (11.1) is available on My Oracle Support (formerly OracleMetaLink) at:

<https://support.oracle.com>

Oracle HTTP Server Certification

Oracle HTTP Server (10.1.3.3.0) shipping with Oracle Database 11g release 1 (11.1) is not certified on Windows Server 2008.

See Also: ["New Installation Media to Install Oracle HTTP Server"](#)

Oracle Database Windows Server 2008 Certification

Oracle Database 11g release 1 (11.1.0.7 or later) is certified on Microsoft Windows Server 2008 (32-Bit) and Microsoft Windows Server 2008 x64 (all editions except HPC). The specific operating system components that are not supported in Windows Server 2008 (32-Bit) and Windows Server 2008 x64 are Hyper-V and Server Core.

Note: You must use the *Oracle Database 11g Release 1 (11.1.0.7.0) for Microsoft Windows Windows Server 2008* media available in your media pack.

JDK Version on Windows Server 2008

JDK 1.5.0 is used in Oracle Database release 1.

Oracle Services for Microsoft Transaction Server Support on Windows Vista

Oracle Services for Microsoft Transaction Server is supported with release 11.1.0.7 or higher on Windows 32-bit and Windows x64. Service Pack 1 is required.

Oracle Database Lite Support on Windows Vista and Windows Server 2008

Oracle Database Lite 10.3.0.1.0 and higher versions are supported on Windows Vista. Windows Server 2008 supports Oracle Database Lite 10.3.0.2.0 and higher versions.

Grid Control Support on Windows Vista and Windows Server 2008

Oracle Enterprise Manager Grid Control Agent 10g Release 4 (10.2.0.4) is supported on Windows Vista and Windows Server 2008.

See Also: The certification matrix, Note 412431.1, on My Oracle Support (formerly *OracleMetaLink*) for the latest Grid Control certification information

Oracle Fail Safe Support

Oracle Fail Safe Server and Manager Console are supported on Windows Server 2008. You must apply the 3.4.1.1 patch set for Windows 32-Bit and 3.4.1.2 patch set for Windows x64.

Oracle strongly encourages to apply 3.4.1.5 patch set to get the important fixes related to Windows Server 2008 certification.

1.1 Oracle Messaging Gateway Support

Oracle Messaging Gateway is supported on Windows Server 2003 x64, starting with patch set 11.1.0.7.

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*.

In addition, the following products are not supported on Windows Server 2008 in this release:

- Oracle Content Database
- Oracle Records Database
- Oracle Secure Backup

3 Preinstallation Requirements

Refer to the installation guides for the preinstallation requirements. The following are the additional requirements:

- [Pro*C/C++ Requirement](#)
- [Accessibility Software Recommendations for Windows 32-Bit](#)
- [Physical Memory Requirements on Windows Server 2008](#)
- [Minimum Processor Speed for Windows Server 2008](#)
- [Swap Space Guidance](#)

3.1 Pro*C/C++ Requirement

Pro*C/C++ is also supported with the Microsoft Visual C++ .NET 2002 7.0 and Microsoft Visual C++ .NET 2003 7.1 compilers.

3.2 Accessibility Software Recommendations for Windows 32-Bit

Our goal is to make Oracle products, services, and supporting documentation accessible to the disabled community. Oracle Database 11g release 1 (11.1) supports accessibility features. To make best use of these accessibility features, Oracle recommends the following software configuration:

- Windows XP or Windows Vista
- Microsoft Internet Explorer 7.0 or later
- Firefox 2.0
- JAWS 8.0.2173
- JDK 1.5 and later
- Java Access Bridge 2.0.1

Note:

- JAWS 10 is required for Windows Server 2008.
 - Java Access Bridge is not supported on Windows x64.
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Additional accessibility information for Oracle products can be found at

<http://www.oracle.com/accessibility>

For the latest configuration information and for information about addressing accessibility and assistive technology issues, see the Oracle Accessibility FAQ at <http://www.oracle.com/accessibility/faq.html>

3.3 Physical Memory Requirements on Windows Server 2008

The following table provides the minimum physical memory requirements on Windows 32-bit and Windows x64:

Requirement	Value
Oracle Database	1 GB
Oracle Database Client	512 MB

3.4 Minimum Processor Speed for Windows Server 2008

The following table provides the minimum processor speed:

Requirement	Value
Oracle Database (Windows 32-bit)	1 GHz
Oracle Database (Windows x64)	1.4 GHz

3.5 Swap Space Guidance

Contact your operating system vendor for swap space allocation guidance for your server. The vendor guidelines supersede the swap space requirements listed in *Oracle Database Installation Guide* and *Oracle Clusterware Installation Guide*.

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](#)
- [New Installation Media to Install Oracle HTTP Server](#)
- [Installation Media for Windows Server 2008](#)
- [Adding or Deleting an Instance Using Oracle Enterprise Manager Displays an Error](#)
- [Error When Removing Oracle Configuration Manager](#)
- [Multiple Oracle Home Support](#)
- [Oracle Text User_Filter Executable Directory Change](#)
- [Registry and Service for Oracle Database Enterprise Manager Database Control is not Created on Remote Node](#)
- [Rolling Upgrade Displays an Error Message](#)
- [The Prerequisite Checker Deployment Procedure Reports Incorrect Results](#)

- [Upgrading Oracle Clusterware from Oracle Database 10g \(10.x\)](#)
- [Warning Message is Displayed When ORACLE_HOME Refers to a Non-Existent Directory](#)
- [Uppercase or Mixed Case Instance Name Issues in Oracle RAC](#)
- [Automatic Storage Management Disk Group Mounting Issue on Windows Server 2008](#)
- [Installation, Configuration, and Upgrade Issues on Windows 32-Bit](#)
- [Installation, Configuration, and Upgrade Issues on Windows x64](#)

4.1 Latest Upgrade Information

For late-breaking updates and best practices about preupgrade, post-upgrade, compatibility, and interoperability discussions, refer to Note 601807.1 on My Oracle Support (formerly OracleMetaLink)(<https://support.oracle.com/>) that links to "Oracle 11g Upgrade Companion" page.

4.2 New Installation Media to Install Oracle HTTP Server

Use the *Oracle Fusion Middleware Web Tier Utilities 11g (11.1.1.2.0)* media to install Oracle HTTP Server.

4.3 Installation Media for Windows Server 2008

Oracle Database 11.1.0.7 is supported only on Windows Server 2008. Use the *Oracle Database 11g Release 1 (11.1.0.7.0) for Microsoft Windows Windows Server 2008* media. Windows Vista users must use the 11.1.0.6 media.

4.4 Adding or Deleting an Instance Using Oracle Enterprise Manager Displays an Error

An error message is displayed if you add or delete an instance in the following scenarios:

- You add or delete an instance using Oracle Enterprise Manager from a new cluster on which you have never installed Oracle
- You start the process of adding or deleting an instance from a node other than the one where you initially started the process

The error message displayed is similar to the following error message:

```
Error -Error getting a return value: The inventory pointer location
/var/opt/oracle/oraInst.loc is either not readable or does not exist
Operation Failed. Refer logs at ...
```

Workaround: Complete one of the following procedures to address this issue:

- On each node of the cluster, run commands similar to the following:

```
SYSTEM_DRIVE:> cd CRS_home\oui\bin
SYSTEM_DRIVE:> attachhome -silent -local "CLUSTER_NODES={comma_separated_node_
list_of_this_cluster}"
```
- On each node of the cluster:

1. Run a command similar to the following command:

```
SYSTEM_DRIVE:> cd CRS_home\oui\bin
```
2. Start Oracle Universal Installer by running the **setup.exe** command.
3. On the Welcome page, click **Next**.
4. Exit from Oracle Universal Installer.

Note: This issue is not observed if you already have an Oracle installation, such as Oracle Database, Oracle Management Agent, and so on, on the node.

This issue is tracked with Oracle bug 6603930.

4.5 Error When Removing Oracle Configuration Manager

When you run the `deployPackages -d ORACLE_BASE\ORACLE_HOME\ccr\inventory\core.jar` command to remove Oracle Configuration Manager, the following message is displayed:

The batch file cannot be found.

This message indicates that the Oracle Configuration Manager service has been removed. To complete the removal of Oracle Configuration Manager, run the following command

```
SYSTEM_DRIVE:> rmdir /s/q ORACLE_BASE\ORACLE_HOME\ccr
```

This issue is tracked with Oracle bug 5982610.

4.6 Multiple Oracle Home Support

Oracle Database supports multiple Oracle homes. This means that you can install this release or previous releases of the software more than once on the same system, in different Oracle home directories. This enables flexibility in deployment and maintenance of the database software. For example, it enables you to run different versions of the database simultaneously on the same system, or it enables you to upgrade specific database or Automatic Storage Management instances on a system without affecting other running databases.

You must install Oracle Database 11g into a new Oracle home directory. You cannot install products from one release of Oracle Database into an Oracle home directory of a different release. For example, you cannot install Oracle Database 11g release 1 (11.1) software into an existing Oracle9i Oracle home directory. If you attempt to install this release into an Oracle home directory that contains software from an earlier Oracle release, the installation fails.

You can install this release more than once on the same system as long as each installation is installed in a separate Oracle home directory.

See Also: My Oracle Support (formerly *OracleMetaLink*) Note 460054.1 for more details about multiple Oracle home environment issues

4.7 Oracle Text User_Filter Executable Directory Change

In Oracle Database 11g, the executables for USER_FILTER should exist in the *ORACLE_BASE\ORACLE_HOME\ctx\bin* directory. Therefore, after upgrading an earlier version of Oracle Database to Oracle Database 11g, you need to run the following SQL commands as the SYS, SYSTEM, or CTXSYS user to display the list of USER_FILTER executables:

```
SQL> select ixv_value
SQL> from ctxsys.ctx_index_values
SQL> where ixv_class = 'FILTER'
SQL> and ixv_object = 'USER_FILTER'
SQL> and ixv_attribute = 'COMMAND';
```

Copy the displayed executables from the *ORACLE_BASE\ORACLE_HOME\bin* directory to the *ORACLE_BASE\ORACLE_HOME\ctx\bin* directory.

This issue is tracked with Oracle bug 6269811.

4.8 Registry and Service for Oracle Database Enterprise Manager Database Control is not Created on Remote Node

When running Database Upgrade Assistant, registry and service for Oracle Database Enterprise Manager Database Control is not created on the remote node.

Workaround: You must close Service Control Manager window when installing Oracle Clusterware, Oracle Database, and running Database Upgrade Assistant.

This issue is tracked with Oracle bug 6499676.

4.9 Rolling Upgrade Displays an Error Message

When doing a rolling upgrade of Oracle Clusterware from earlier version to Oracle Database 11g, the Oracle Universal Installer prerequisite checks displays an error message when checking the status of Oracle Synchronization Service. This is an expected error message.

The message indicates that you must shutdown services on all the nodes. However, you only need to shutdown the services on the node(s) on which you are performing upgrade.

This issue is tracked with Oracle bug 6152450.

4.10 The Prerequisite Checker Deployment Procedure Reports Incorrect Results

When you run the Prerequisite Checker Deployment procedure from Oracle Enterprise Manager Database Console, the procedure displays that the Check Active Files and Executables check has failed. However, on Windows Vista, the procedure reports that the check has passed.

Workaround: Ignore the result of this check and consider it as failed.

This issues is tracked with Oracle bug 6215909.

4.11 Upgrading Oracle Clusterware from Oracle Database 10g (10.x)

When you upgrade Oracle Clusterware from an Oracle Database 10g release (10.x), the OPMD service is not created.

Workaround: After completing the upgrade process, run the following command from the `CRS_home\bin` directory on each node:

```
opmd -install
```

This issue is tracked with Oracle bug 6416092.

4.12 Warning Message is Displayed When ORACLE_HOME Refers to a Non-Existent Directory

When the `ORACLE_HOME` environment variable refers to a directory that does not exist, Oracle Universal Installer displays a warning message about a non-empty home directory when you click **Next** on the Install Location screen.

This is a benign message that you can ignore and continue with the install. This message is displayed when you have Oracle Database 11g Clusterware installed on the computer.

This issue is tracked with Oracle bug 6160525.

4.13 Uppercase or Mixed Case Instance Name Issues in Oracle RAC

Database Configuration Assistant fails to add a new instance when a database is created with uppercase or mixed case `SID` Prefix in an Oracle RAC environment.

Workaround:

Follow these steps to resolve this issue:

- Get the existing instance names of the database using `srvctl config database -d db_unique_name`.
- Repeat the following steps for each instance. If there are any services configured, they need to be reconfigured.
 1. `srvctl stop instance -d db_unique_name -i upper/mixed case instance name`
 2. `srvctl remove instance -d db_unique_name -i upper/mixed case instance name`
 3. `srvctl add instance -d db_unique_name -i lower case instance name -n node_name`
 4. If there are any services configured to use this instance, reconfigure them using `srvctl`.

See Also: "Administering Services with SRVCTL" in *Oracle Database Oracle Real Application Clusters Administration and Deployment Guide*

5. `srvctl start instance -d db_unique_name -i lower case instance name`

This issue is tracked with Oracle bug 7113363.

4.14 Automatic Storage Management Disk Group Mounting Issue on Windows Server 2008

When disks that are used by Automatic Storage Management fail or are disabled, they are no longer readable or writable. When you re-enable the disks, the disks are readable and writable again, but the disk groups fail to mount giving the following error:

```
ORA-15032: not all alterations performed
ORA-15063: ASM discovered an insufficient number of disks for disk group "DG"
```

Workaround:

Run the following command before mounting the disk group:

```
amdu -fullscan
```

This issue is tracked with Oracle bug 7608437.

4.15 Installation, Configuration, and Upgrade Issues on Windows 32-Bit

The following are the Windows 32-bit specific issues that affect Oracle Database installation, configuration, and upgrade:

- [Install Error: The Application Fails to Install Because the MSVCRTD.dll File is Missing](#)
- [The runcluvfy.bat File Fails to Run From the Root of the DVD Media](#)
- [The srvctl Utility and Oracle Database Upgrade Assistant Fail to Start or Stop Oracle9i RAC Databases](#)
- [Error When Oracle Net Listener Service Logon and Oracle Database Service Logon Accounts Do Not Match](#)

Note: The issues mentioned in this section are not observed on Windows x64.

4.15.1 Install Error: The Application Fails to Install Because the MSVCRTD.dll File is Missing

When installing Oracle Provider for OLE DB on a computer with Oracle Services for Microsoft Transaction Server (OraMTS) version 9.2.0.1.0 installed, the installation process may display the following error message:

```
Install Error: The application fails to install because the MSVCRTD.dll file is missing.
Re-installing the application may fix this problem.
```

Workaround: If reinstalling the application does not fix this issue, you can perform one of the following actions:

- Install OraMTS 11g Release 1
- Apply patch 2428356 on OraMTS 9.2.0.1.0

This issues is tracked with Oracle bug 2428356.

4.15.2 The runcluvfy.bat File Fails to Run From the Root of the DVD Media

If you try to run the `runcluvfy.bat` file from the root of the DVD media, it fails to run and displays the following error message(s):

```
The network path was not found.  
The system cannot find the path specified.  
The system cannot find the path specified.  
The system cannot find the path specified.
```

Workaround: Run the `runcluvfy.bat` file from Oracle Clusterware source location under the `DVD_driveletter:\source\crs\Disk1` directory.

This issue is tracked with Oracle bug 6528709.

4.15.3 The srvctl Utility and Oracle Database Upgrade Assistant Fail to Start or Stop Oracle9i RAC Databases

The `srvctl` utility and Oracle Database Upgrade Assistant fail to start or stop Oracle9i RAC databases after installing or upgrading to Oracle Database 11g release 1 Windows clusterware. The `srvctl` utility displays the following error message:

```
PRKP-1006 : Failed to shut down cluster database database_name  
ORA-01031: insufficient privileges  
ORA-01005: null password given; logon denied  
ORA-01031: insufficient privileges  
ORA-01005: null password given; logon denied
```

Workaround: Complete the following procedure to resolve this issue:

1. Run the following commands on each node in Oracle Clusterware:

```
CRS_home\bin\crsuser add Oracle_92_user_domain\Oracle_92_username  
CRS_home\bin\crs_setperm ora.node_name.gsd -o Oracle_92_user_domain\Oracle_92_username
```

2. From any node, run the following commands for each node configured in the cluster:

```
CRS_home\bin\crs_stop -f ora.node_name.gsd  
CRS_home\bin\crs_start ora.node_name.gsd
```

Note: To display a list of node names in the cluster, run the following command:

```
CRS_home\bin\olsnodes
```

This issue is tracked with Oracle bug 4523043.

4.15.4 Error When Oracle Net Listener Service Logon and Oracle Database Service Logon Accounts Do Not Match

TNS-12500 error displays when only the Oracle Database Service logon account is changed. The process of starting up a dedicated server process fails as the executable can not be found or the environment is set up incorrectly.

Workaround: Make sure that you take the following constraints into account:

1. Add the user with administrator privilege on local computer.

2. Change the Oracle Net Listener Service logon account to the same user as the Oracle Database Service logon account.

This issue is tracked with Oracle bug 5388076.

4.16 Installation, Configuration, and Upgrade Issues on Windows x64

The following are the Windows x64 specific issues that affect Oracle Database installation, configuration, and upgrade:

- [Error When Adding Node to Oracle RAC](#)
- [ODBC Driver Setup Dialog Box Does not Work as Desired](#)
- [Oracle Configuration Manager May Fail](#)

Note: The issues mentioned in this section are not observed on Windows 32-bit.

4.16.1 Error When Adding Node to Oracle RAC

When performing Oracle RAC add node, the following error may be displayed:

```
Error while copying directory C:\app\oracle\product\11.1.0\db_1 with exclude file
list 'C:\DOCUME~1\oracle\LOCALS~1\Temp\1\OraInstall2007-04-01_
08-00-09PM\installExcludeFile.lst'
to nodes 'nodes_being_added'.
[PRKC-1073 : Failed to transfer directory "C:\app\oracle\product\11.1.0\db_1"
to any of the given nodes "nodes_being_added".
Error on node nodes_being_added:Access denied]
Refer to 'C:\Program Files\Oracle\Inventory\logs\addNodeActions2007-04-01_
08-00-09PM.log'
for details. You may fix the errors on the required remote nodes.
Refer to the install guide for error recovery. Click 'Yes' if you want
to proceed. Click 'No' to exit the install. Do you want to continue?
```

Workaround: This is a benign error. Click **Yes** to continue and perform the remaining steps in the add node procedure as documented.

This issue is tracked with Oracle bug 5967610.

4.16.2 ODBC Driver Setup Dialog Box Does not Work as Desired

When creating a DSN entry using the odbcad32.exe application, the ODBC Driver Setup dialog box does not work as desired. This issue is specific to Oracle Instant Client Installation on Windows Vista.

Workaround: Copy the mfc42.dll file from Microsoft Platform SDK for Windows Server 2003 redistributable to the Oracle Instant Client installation directory. This file is also available on the Oracle Technology Network page from where you can download instant client ODBC driver for Windows x64.

This issue is tracked with Oracle bug 6529492.

4.16.3 Oracle Configuration Manager May Fail

When installing Oracle Database 11g, the configuration step which installs and configures Oracle Configuration Manager (OCM) may fail on Windows 64-bit platforms. OCM attempts to create a service named OraclehomeNameConfigurationManager, where *homeName* is the user-specified

name for the database install home. In some cases, OCM is unable to retrieve the home name from the Windows registry. This causes a premature exit from the OCM configuration procedure.

Workaround: If you encounter this issue, you can download the latest OCM kit from My Oracle Support (formerly *OracleMetaLink*) and install it following the instructions provided on the Web site.

This issue is tracked with Oracle bug 6172972.

5 Known Issues on Windows Vista and Windows Server 2008

The following are the sections covering known issues on Windows Vista and Windows Server 2008:

- [Stamping Issue on Windows Vista and Windows Server 2008](#)
- [Oracle Universal Installer Issue on Windows Vista and Windows Server 2008](#)
- [Shared Oracle Home Shortcuts Do Not Work on Windows Server 2008](#)
- [Cluvfy Fails System Architecture Check on Windows Server 2008 x64](#)
- [Configuration Assistants Intermittently Hang in Oracle RAC Environment on Windows Server 2008](#)

5.1 Stamping Issue on Windows Vista and Windows Server 2008

The stamped disks are not displayed in Oracle Database Configuration Assistant on Windows Vista and Windows Server 2008.

Workaround:

Complete the following steps to resolve this issue:

1. Click **Stamp Disk**.
2. Delete the labels.
3. Click **Stamp Disk**.
4. Stamp the disks again.

This issue is tracked with Oracle bug 5944993.

5.2 Oracle Universal Installer Issue on Windows Vista and Windows Server 2008

If the Oracle Universal Installer is run from the Start menu to remove Oracle Database, then the database is not completely removed as the Start menu shows Oracle home. The top level directory is shown but no contents exist.

Workaround:

Remove the Oracle home entry from the Start menu manually or run the Oracle Universal Installer from the command prompt to ensure a clean removal of Oracle Database software.

This issue is tracked with Oracle bug 6983386.

5.3 Shared Oracle Home Shortcuts Do Not Work on Windows Server 2008

Starting Oracle tools such as Net Configuration Assistant, Database Configuration Assistant, Database Upgrade Assistant, Net Manager, Oracle Universal Installer, and so on, from shared Oracle home shortcut gives the following error:

Missing shortcut: windows is searching launch.exe

The shortcuts exit following the error.

Workaround:

Start the tools with Administrator privileges.

This issue is tracked with Oracle bug 7525053.

5.4 Cluvfy Fails System Architecture Check on Windows Server 2008 x64

The Cluster Verification Utility reports system architecture as **unknown** and expected architecture as **32-bit** on Windows Server 2008 x64.

Workaround:

Ignore the error.

This issue is tracked with Oracle bug 8300426.

5.5 Configuration Assistants Intermittently Hang in Oracle RAC Environment on Windows Server 2008

Network Configuration Assistant and Database Configuration Assistant intermittently hang on Windows Server 2008 if Oracle RAC cluster nodes have Symantec Antivirus software enabled.

Workaround:

Upgrade the Symantec Antivirus software to version 10.2.2 otherwise uncheck the Enable Scanning option in the Symantec Antivirus software. Follow the instructions on the Symantec Web site:

http://www.symantec.com/business/support/index?page=content&id=TECH101730&locale=en_US

The Symantec case number is 311-992285. This issue is also tracked with Oracle bug 7332683.

6 Other Known Issues

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

- [Database Resident Connection Pooling](#)
- [Exporting an Encrypted Table Fails](#)
- [Importing an Encrypted Table Fails](#)
- [Oracle Database Gateway for Websphere MQ](#)
- [Oracle VSS Writer Service is not Available After Upgrade](#)

- [Permission Denied When Oracle Database Configuration Assistant is Run on Non-Shared Oracle Home](#)
- [Reactivate the OC4JADMIN User for Oracle Ultra Search](#)
- [Other Known Issues on Windows 32-Bit](#)
- [Other Known Issues on Windows x64](#)

6.1 Database Resident Connection Pooling

When using Database Resident Connection Pooling on Windows, disable Windows native authentication for the clients that connect to pooled servers. Ensure that `sqlnet.authentication_services` parameter does not have NTS set for these clients. Pooled servers do not support NTS authentication, so there is no loss in functionality for these clients.

This issue is tracked with Oracle bug 6183123.

6.2 Exporting an Encrypted Table Fails

If you export an encrypted table, an error message is displayed.

This issue is tracked with Oracle bug 6324760.

6.3 Importing an Encrypted Table Fails

If you import an encrypted table, an error message is displayed.

This issue is tracked with Oracle bug 6326362.

6.4 Oracle Database Gateway for Websphere MQ

The deployment script file `pgmobj.sql` located in the *Gateway_Home\admin\deploy* directory contains incorrect database link and library names. These incorrect names result in the malfunctioning of the gateway. You can detect this issue if the ORA-28509 error message is displayed and no gateway trace files are generated.

Workaround: To resolve this issue, make the following changes to the `pgmobj.sql` script:

1. Replace all the database link names `pg4mqdepdblink` with `dg4mqdepdblink`.
2. Replace all the library names `libpg4mq` with `libdg4mq`.

Save the `pgmobj.sql` script and follow the instruction available in the gateway manual to run the script. To run the script, use `SYS` user as `SYSDBA` in SQL*Plus on the Oracle database that needs access to the gateway.

This issues is tracked with Oracle bug 6448585.

6.5 Oracle VSS Writer Service is not Available After Upgrade

When you upgrade Oracle9i or Oracle Database 10g to Oracle Database 11g on Windows Server 2003, Oracle VSS Writer Service is not available in the upgraded database. If you want to make a backup of an Oracle database using Windows VSS infrastructure, then you must start Oracle VSS Writer Service.

Workaround: Use the following command to create Oracle VSS Writer Service:

```
SYSTEM_DRIVE:> oravssw ORACLE_SID /i
```

When you run this command, Oracle VSS Writer Service is created under Local System account. Using the Services icon in the Control panel, you must change the service to be run as a user account that has SYSDBA privilege using operating system authentication. This means that the user should be a member of ORA_DBA group.

This issue is tracked with Oracle bug 6496376.

6.6 Permission Denied When Oracle Database Configuration Assistant is Run on Non-Shared Oracle Home

If you run Oracle Database Configuration Assistant to install Automatic Storage Management with shared Oracle base and non-shared Oracle home, an error message stating permission denied is displayed.

Workaround: This is a benign message. Click **OK** to continue and complete the installation process. The Automatic Storage Management is created successfully.

This issue is tracked with Oracle bug 6327383.

6.7 Reactivate the OC4JADMIN User for Oracle Ultra Search

The OC4JADMIN user is deactivated during the Oracle Database 11g installation process. After the installation is complete, you must modify the `ORACLE_BASE\ORACLE_HOME\oc4j\j2ee\OC4J_SEARCH\config\system-jazn-data.xml` file. Replace the following content of the file:

```
<user deactivated="true">
<name>oc4jadmin</name>
<display-name>OC4J Administrator</display-name>
<description>OC4J Administrator</description>
```

with:

```
<user>
<name>oc4jadmin</name>
<display-name>OC4J Administrator</display-name>
<description>OC4J Administrator</description>
```

Use the following commands to restart the Oracle Ultra Search middle tier in the Oracle Database:

```
System_Drive:>ORACLE_BASE\ORACLE_HOME\bin\searchctl stop
System_Drive:>ORACLE_BASE\ORACLE_HOME\bin\searchctl start
```

6.8 Other Known Issues on Windows 32-Bit

The following is the Windows 32-bit specific known issue related to Oracle Database 11g and associated products:

- [Compilation Error in Five XDKCPP Demonstration Files](#)

Note: The issues mentioned in this section are not observed on Windows x64.

6.8.1 Compilation Error in Five XDKCPP Demonstration Files

If Visual C++ .NET 2003 7.1 or a later version is installed on the computer, you will not be able to compile the XDKCPP demonstrations.

Workaround: Visual C++ .NET 2003 7.1 has deprecated classic `iostream` support. To compile the XDKCPP demonstrations with Visual C++ .NET 2003 7.1, update the code that uses classic `iostream` (`#include <iostream.h>`) to use the standard `iostream` with the following code:

```
#include <iostream>
using namespace std;
```

This issue is tracked with Oracle bug 5652607.

6.9 Other Known Issues on Windows x64

The following are the Windows x64 specific known issue related to Oracle Database 11g and associated products:

- [Limitations with ODP.NET](#)
- [Support Only for Microsoft .NET Framework 2.0](#)
- [The `sqldeveloper.exe` Application is not Supported](#)

Note: The issues mentioned in this section are not observed on Windows 32-bit.

6.9.1 Limitations with ODP.NET

You must set the values of the `InitialLongFetchSize` and `InitialLobFetchSize` properties of the `OracleCommand` class to a multiple of 4 on the 64-bit platforms.

6.9.2 Support Only for Microsoft .NET Framework 2.0

64-bit platforms support only Microsoft .NET Framework 2.0 and higher. Therefore, these are the only Microsoft .NET Framework versions supported by Oracle Database Extensions for 64-bit .NET.

Deploy a .NET stored procedure using Oracle Developer Tools for Visual Studio (ODT). In absence of ODT support on 64-bit platforms, use ODT for Visual Studio 2005 or higher on a 32-bit computer to develop and deploy .NET stored procedures for a 64-bit database server. Select **Any CPU** as a Platform Target for such .NET stored procedures to ensure that these procedures can run on a 64-bit computer. ODT does not work with the Visual Studio Team System Edition.

These issues are tracked with Oracle bugs 5603810 and 5605769.

6.9.3 The `sqldeveloper.exe` Application is not Supported

The `sqldeveloper.exe` application is not supported on Windows x64. To use SQL Developer on Windows x64, set JAVA to be included in the path. For example, add `C:\oracle\product\11.1.0\db_01\jdk\bin` to the path. Run the `ORACLE_BASE\ORACLE_HOME\sqldeveloper\sqldeveloper\bin\sqldeveloper.bat` command to start the application.

This issue is tracked with Oracle bugs 6142427 and 6114051.

7 Documentation Corrections and Additions

This section lists the corrections and additions to the documentation for Oracle Database 11g on Windows platform:

- [The ocopy.exe Utility is not Installed in CRS_Home](#)
- [Oracle Ultra Search Postinstallation Changes to orion-application.xml File](#)
- [Windows Vista Content Applicable to Windows Server 2008](#)
- [Disk Striping and Symbolic Links Support](#)
- [Incorrect Default Value for OSAUTH_PREFIX_DOMAIN](#)
- [OSAUTH_ENFORCE_STRICT Not Supported](#)

7.1 The ocopy.exe Utility is not Installed in CRS_Home

In *Oracle Clusterware Installation Guide for Microsoft Windows*, you are instructed to make a backup of the contents of the voting disk by using the `ocopy.exe` utility after the Oracle Clusterware installation is complete. However, the `ocopy.exe` utility is not installed in the `CRS_home`. You should either use the `ocopy.exe` utility available in the database Oracle home, or use another utility to make the backup.

This issue is tracked with Oracle bug 6336685.

7.2 Oracle Ultra Search Postinstallation Changes to orion-application.xml File

In chapter 4, "Installing Oracle Ultra Search", section "Postinstallation Tasks" in the *Oracle Ultra Search Administrator's Guide*, replace step 3, "Start the Oracle Ultra Search Middle Tier" with the following:

3. Modify the `orion-application.xml` File

Add the following library paths to the `orion-application.xml` file located in `ORACLE_BASE\ORACLE_HOME\oc4j\j2ee\OC4J_SEARCH\application-deployments\ultrasearch_query\orion-application.xml`:

```
<library path="../../../../ultrasearch/lib/searchlet.jar"/>
<library path="../../../../ultrasearch/lib/searchlet.jar"/>
```

7.3 Windows Vista Content Applicable to Windows Server 2008

The following sections for Windows Vista also apply to Windows Server 2008:

- [Managing User Accounts with User Account Control on Windows Vista](#)
- [Windows Telnet Services Support](#)
- [Windows Terminal Services and Remote Desktop Support](#)
- [Installing a Loopback Adapter on Windows Vista](#)
- [Installation Consideration on Windows Vista](#)

7.4 Disk Striping and Symbolic Links Support

The section, "ORADATA Directory" in appendix B of *Oracle Database Installation Guide for Microsoft Windows* has the following note:

This directory structure allows for disk striping only on UNIX platforms.

The correct statement is:

This directory structure allows for disk striping on UNIX and Windows platforms.

Another section, "Support for Symbolic Links on Windows" in this appendix documents that Windows currently does not support symbolic links, so data files will not show up under a single directory as with UNIX.

The correct information is:

On Windows, volume mount points can be used to mount files on different hard drives to a single directory. You may have oradata directories on multiple drives, with data files in each one, on Windows version which does not support volume mount points.

7.5 Incorrect Default Value for OSAUTH_PREFIX_DOMAIN

Chapter 15, "Configuration Parameters and the Registry" of *Oracle Database Platform Guide for Microsoft Windows* incorrectly states the default value for OSAUTH_PREFIX_DOMAIN as *false*. The correct default value for OSAUTH_PREFIX_DOMAIN parameter is *true*.

7.6 OSAUTH_ENFORCE_STRICT Not Supported

Chapter 15, "Configuration Parameters and the Registry" of *Oracle Database Platform Guide for Microsoft Windows* incorrectly documents OSAUTH_ENFORCE_STRICT registry parameter. This parameter was only supported on all pre-Windows 2000 database releases. Starting with Oracle Database 10g Release 2, the registry parameter OSAUTH_ENFORCE_STRICT is not supported.

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