Oracle® Transparent Gateway

Installation Guide

10*g* Release 2 (10.2) for Microsoft Windows (32-bit)

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Oracle Transparent Gateway Installation Guide, 10g Release 2 (10.2) for Microsoft Windows (32-bit)

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Preface

This guide describes how to install Oracle Transparent Gateway for Microsoft SQL Server, Sybase, and Teradata for Microsoft Windows (32-bit) platform.

Intended Audience

This manual is intended for users responsible for installing Oracle Transparent Gateway on Microsoft Windows (32-bit).

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Related Documents

The platform-specific documentation for Oracle Transparent Gateway 10*g* Release 2 (10.2) products includes the following manuals:

- *Oracle Transparent Gateway for Sybase Administrator's Guide for Microsoft Windows*

- *Oracle Transparent Gateway for Teradata Administrator's Guide for Microsoft Windows*

- *Oracle Transparent Gateway for Microsoft SQL Server Administrator's Guide for Microsoft Windows*

Conventions

The following text conventions are used in this manual:

Convention	Meaning
`monospace`	Monospace type indicates UNIX commands, directory names, usernames, pathnames, and filenames.
italics	Italic type indicates variables, including variable portions of filenames. It is also used for emphasis and for book titles.
UPPERCASE	Uppercase letters indicate Structured Query Language (SQL) reserved words, initialization parameters, and environment variables.

1

Oracle Transparent Gateway Overview

This chapter describes the installation of Oracle Transparent Gateways on Microsoft Windows (32-bit) as well as issues that you should consider before installing the software. It includes the following topics:

- Gateway Installation Configurations
- Gateway Installation Methods
- Installation Considerations
- Upgrades
- Accessing the Installation Software
- Running the Oracle Universal Installer

Gateway Installation Configurations

You can install the gateway in either of the following configurations:

1. On the same computer as an existing Oracle Server but in a different Oracle home.

2. On a system with no Oracle Server.

3. On the same computer as the Oracle Server and in the same Oracle home directory. Note that in this case, the Oracle Server and the gateway must be at the same release level.

Gateway Installation Methods

You can choose different installation methods to install the gateway, as follows:

- Interactive Installation Methods
- Automated Installation Methods Using Response Files

Interactive Installation Methods

When you use the interactive method to install the gateway, Oracle Universal Installer displays a series of screens that enable you to specify all of the required information to install the the gateway software.

Automated Installation Methods Using Response Files

By creating a response file and specifying this file when you start Oracle Universal Installer, you can automate some or all of the the gateway installation.

For more information about these modes and about how to complete an installation using response files, refer to Appendix A.

Installation Considerations

This section contains information that you should consider before installing this product. It contains the following sections:

- Release Notes
- Hardware and Software Certification
- Multiple Oracle Homes

Release Notes

Read the release notes for the product before installing it. The release notes are available on the Oracle Database 10*g* Release 2 (10.2) installation media. The latest version of the release notes is also available on the Oracle Technology Network (OTN) Web site:

http://www.oracle.com/technology/documentation/index.html

Hardware and Software Certification

The platform-specific hardware and software requirements included in this installation guide were current at the time this guide was published. However, because new platforms and operating system software versions might be certified after this guide is published, review the certification matrix on the Oracle*MetaLink* Web site for the most up-to-date list of certified hardware platforms and operating system versions. The Oracle*MetaLink* Web site is available at the following Web site:

http://metalink.oracle.com

If you do not have a current Oracle Support Services contract, then you can access the same information at the following Web site:

http://www.oracle.com/technology/support/metalink/content.html

Multiple Oracle Homes

This product 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.

Installing the Software on a System with an Existing Oracle Installation

You must install this product in a new Oracle home directory. You cannot install products from one release of the gateway into an Oracle home directory of a different release. For example, you cannot install release 10.1 software into an existing Oracle9i Oracle home directory. If you attempt to install this release in an Oracle home directory that contains software from an earlier Oracle release, then the installation will fail.

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

Upgrades

Upgrades are not supported for the gateway.

Accessing the Installation Software

You can access and install the gateway by using the following methods:

- Downloading Oracle Software from the Oracle Technology Network Web Site
- Copying the Gateway Software to a Hard Disk

Downloading Oracle Software from the Oracle Technology Network Web Site

You can download the installation files from the OTN and extract them to your hard disk.

To download the installation files:

1. Use any browser to access the OTN software download page:

   http://www.oracle.com/technology/software/index.html

2. Navigate to each of the download pages for the product that you want to install.

3. On each download page, identify the required disk space by adding the file sizes for each required file. The file sizes are listed next to the file names.

4. Select a file system with enough free space to store and expand the files. In most cases, the available disk space must be at least twice the size of each compressed file.

5. On the file system that you just selected, create a parent directory for each product that you plan to install, for example Tg_1, to hold the installation directories.

6. Download all the installation files to the directories that you just created.

7. Verify that the files that you downloaded are the same size as the corresponding files on OTN.

8. Extract the files in each directory that you just created.

9. After you have extracted the required installation files, go to the "Running the Oracle Universal Installer" section on page 1-4.

Copying the Gateway Software to a Hard Disk

Before installing the gateway, you might want to copy the software to the hard disk. This enables the installation process to run faster. Before copying the installation media content to the hard disk, you must mount the installation media.

To copy the contents of the installation media to a hard disk:

1. Create a directory on your hard drive. For example:

   d:\install\Disk1

2. Copy the contents of the installation media to the directory that you just created.

3. After you have copied all the required installation files, go to the "Running the Oracle Universal Installer" section on page 1-4.

Running the Oracle Universal Installer

In most cases, you use the graphical user interface (GUI) provided by Oracle Universal Installer to install the gateway. However, you can also use Oracle Universal Installer to complete noninteractive installations, without using the GUI.

> **See Also:** Refer to Appendix A, "Using Response Files for Noninteractive Installation" for information about noninteractive installations and other advanced installation topics

Start the Installer and install the software, as follows:

1. If you are installing the software from disc, then mount the disc if it is not already mounted.

   If you are installing from a hard disk, then double-click `setup.exe` located in the directory you created for the downloaded or copied installation files.

2. When installing from the installation media, the Autorun screen automatically appears. If the Autorun screen does not appear, then:

   a. From the **Start** menu, select **Run**.

   b. Enter the following:

      ```
      DRIVE_LETTER:\autorun\autorun.exe
      ```

      In the Autorun screen, select **Install/Deinstall Products**.

3. Use the following guidelines to complete the installation:

   - Follow the instruction displayed in the Installer window. If you need additional information, click **Help**.

   - If you encounter errors while installing or linking the software, then see Appendix B for information about troubleshooting.

4. When you finish configuring, click **Exit**, then click **Yes** to exit from the Installer.

2

Installing Oracle Transparent Gateway for Sybase

This chapter guides you through the installation procedure of Oracle Transparent Gateway for Sybase.

To install the gateway, follow these steps:

1. Ensure that the system meets all of the hardware and software requirements specified in "System Requirements for Oracle Transparent Gateway for Sybase" on page 2-1.

2. Run the Oracle Universal Installer.

   See "Step Through the Oracle Universal Installer" section on page 2-3 for more information about running the Oracle Universal Installer.

   Oracle Universal Installer is a menu-driven utility that guides you through the installation of the gateway by prompting you with action items. The action items and the sequence in which they appear depend on your platform.

   See Table 2–2 for a description of the installation procedure of Oracle Transparent Gateway for Sybase.

3. Configure the gateway.

   Refer to *Oracle Transparent Gateway for Sybase Administrator's Guide for Microsoft Windows* for instruction on how to configure the gateway.

System Requirements for Oracle Transparent Gateway for Sybase

This section provides information about the hardware and software requirements for the gateway. It contains the following sections:

- "Hardware Requirements" on page 2-1
- "Software Requirements" on page 2-2

Hardware Requirements

Table 2–1 lists the system requirements for Oracle Transparent Gateway for Sybase.

Table 2–1   System Requirements for Oracle Transparent Gateway for Sybase

Requirement	Value
Disk space for Oracle home	300 MB

Table 2–1   (Cont.) System Requirements for Oracle Transparent Gateway for Sybase

Requirement	Value
Disk space for system drive (*SYSTEM_DRIVE*:\ )	3.1 MB
TEMP space	125 MB
Memory	512 MB of real memory is recommended to support the gateway. The total real memory requirement for the concurrent use of the gateway also depends on these factors: ■ The SQL statement processed by the user ■ The number of cursors currently opened against Microsoft SQL, Sybase, or Teradata server ■ The number of columns in the table being accessed
Oracle Networking	Oracle Net Services and Oracle Protocol Support for Named Pipes or TCP/IP must be installed on the Oracle Database computer and the gateway computer. The Oracle Net Services components are included on the gateway installation media.
Processor	550 MHz

Checking the Hardware Requirements

To ensure that the system meets these requirements, follow these steps:

1. Determine the physical RAM size. For a computer using Windows 2000, for example, open **System** in the control panel and select the **General** tab. If the size of the physical RAM installed in the system is less than the required size, then you must install more memory before continuing.

2. Determine the size of the configured swap space (also known as paging file size). For a computer using Windows 2000, for example, open **System** in the control panel, select the **Advanced** tab, and click **Performance Options**.

    If necessary, then see your operating system documentation for information about how to configure additional swap space.

3. Determine the amount of free disk space on the system. For a computer using Windows 2000, for example, open **My Computer**, right-click the drive where the Oracle software is to be installed, and select **Properties**.

4. Determine the amount of disk space available in the `temp` directory. This is equivalent to the total amount of free disk space, minus what will be needed for the Oracle software to be installed.

    If there is less than 125 MB of disk space available in the `temp` directory, then first delete all unnecessary files. If the temp disk space is still less than 125 MB, then set the `TEMP` or `TMP` environment variable to point to a different hard drive. For a computer using Windows 2000, for example, open the **System** control panel, select the **Advanced** tab, and click **Environment Variables**.

Software Requirements

Oracle Transparent Gateway for Sybase is supported on the following Microsoft Windows operating systems:

■ Windows 2000 with service pack 1 or higher. All editions, including Terminal Services and Windows 2000 MultiLanguage Edition (MLE), are supported.

■ Windows Server 2003

- Windows XP Professional

Windows Multilingual User Interface Pack is supported on Windows XP Professional and Windows Server 2003.

Non-Oracle System Requirements

Oracle continually updates supported gateway configurations. For the latest supported configuration information, visit the OTN Web site:

http://www.oracle.com/technology/products/gateways/pdf/certmatrix10g.pdf

Step Through the Oracle Universal Installer

Table 2–2 describes the installation procedure for Oracle Transparent Gateway for Sybase.

Table 2–2   The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
Oracle Universal Installer: Welcome	Click **Next**.
Oracle Universal Installer: Specify Home Details	Specify a name for the installation in the Name field. You can also choose not to edit the default setting of the Name field of the Specify Home Details screen.
	The Path field in the Specify Home Details screen is where you specify the destination for your installation. You need not edit the path specification in the Path field. The default setting for this field points to *ORACLE_HOME*. After you set the fields in the Specify Home Details screen as necessary, click **Next** to continue. After loading the necessary information from the installation, the Oracle Universal Installer displays the Available Products screen.
Oracle Universal Installer: Available Product Components	**a.** Select **Oracle Gateways 10.2.0.1.0**, open up this row.
	b. Select **Oracle Transparent Gateway for Sybase 10.2.0.1.0**.
	c. Click **Next**.
Oracle Universal Installer: Sybase Path	Specify the full path of the directory where the Sybase Adaptive Server or Open Client Software is installed. Click **Next** to continue.
Oracle Universal Installer: Sybase Server and Database Name	Specify the server name and the database name of the Sybase database that the gateway will access. Click **Next** to continue.
Oracle Universal Installer: Summary	The Installation Summary screen enables you to review a tree list of options and components for this installation. Click **Install** to display the Installation Status screen.
Oracle Net Configuration Assistant: Welcome	Click **Cancel**.
Oracle Net Configuration Assistant:	Click **Yes**.
Oracle Universal Installer: Configuration Tools	Click **Exit**.
Exit	The final screen of the Oracle Universal Installer is the End of Installation screen. Click **Exit** to exit the installer.

The gateway is now installed.

When the Oracle Universal Installer confirms that the installation is complete, verify that the installation procedure was successful. To do this, read the contents of the

installation log file, which is located in the C:\Program Files\Oracle\Inventory\logs directory.

The default file name is InstallActions*YYYY-MM-DD_HH-mm-SS-AM/PM*.log, where:

YYYY is year
MM is month
DD is day
HH is hour
mm is minute
SS is seconds
AM/PM is daytime or evening

Each of these variables in the log file name represents the date and time the product was installed.

3

Installing Oracle Transparent Gateway for Teradata

This chapter guides you through the installation procedure of Oracle Transparent Gateway for Teradata.

To install the gateway, follow these steps:

1. Ensure that the system meets all of the hardware and software requirements specified in "System Requirements for Oracle Transparent Gateway for Teradata" section on page 3-1.

2. Run the Oracle Universal Installer

   See "Step Through the Oracle Universal Installer" section on page 3-3 for more information on running the Oracle Universal Installer.

   Oracle Universal Installer is a menu-driven utility that guides you through the installation of the gateway by prompting you with action items. The action items and the sequence in which they appear depend on your platform.

   See Table 3–2 for a description of the installation procedure of Oracle Transparent Gateway for Teradata.

3. Configure the gateway.

   Refer to *Oracle Transparent Gateway for Teradata Administrator's Guide for Microsoft Windows* for instruction about how to configure the gateway.

System Requirements for Oracle Transparent Gateway for Teradata

This chapter provides information about the hardware and software requirements for the gateway. It contains the following sections:

- "Hardware Requirements" on page 3-1
- "Software Requirements" on page 3-2

Hardware Requirements

Table 3–1 lists the system requirements for Oracle Transparent Gateway for Teradata.

Table 3–1   System Requirements for Oracle Transparent Gateway for Teradata

Requirement	Value
Disk space for Oracle home	300 MB

Table 3–1 (Cont.) System Requirements for Oracle Transparent Gateway for Teradata

Requirement	Value
Disk space for system drive (*SYSTEM_DRIVE*:\ )	3.1 MB
TEMP space	125 MB
Memory	512 MB of real memory is recommended to support the gateway. The total real memory requirement for the concurrent use of the gateway also depends on these factors: ■ The SQL statement processed by the user ■ The number of cursors currently opened against Microsoft SQL, Sybase, or Teradata server ■ The number of columns in the table being accessed
Oracle Networking	Oracle Net Services and Oracle Protocol Support for Named Pipes or TCP/IP must be installed on the Oracle Database computer and the gateway computer. The Oracle Net Services components are included on the gateway installation media.
Processor	550 MHz

Checking the Hardware Requirements

To ensure that the system meets these requirements, follow these steps:

1. Determine the physical RAM size. For a computer using Windows 2000, for example, open **System** in the control panel and select the **General** tab. If the size of the physical RAM installed in the system is less than the required size, then you must install more memory before continuing.

2. Determine the size of the configured swap space (also known as paging file size). For a computer using Windows 2000, for example, open **System** in the control panel, select the **Advanced** tab, and click **Performance Options**.

   If necessary, then see your operating system documentation for information about how to configure additional swap space.

3. Determine the amount of free disk space on the system. For a computer using Windows 2000, for example, open **My Computer**, right-click the drive where the Oracle software is to be installed, and select **Properties**.

4. Determine the amount of disk space available in the `temp` directory. This is equivalent to the total amount of free disk space, minus what will be needed for the Oracle software to be installed.

   If there is less than 125 MB of disk space available in the `temp` directory, then first delete all unnecessary files. If the temp disk space is still less than 125 MB, then set the `TEMP` or `TMP` environment variable to point to a different hard drive. For a computer using Windows 2000, for example, open the **System** control panel, select the **Advanced** tab, and click **Environment Variables**.

Software Requirements

Oracle Transparent Gateway for Teradata is supported on the following Microsoft Windows operating systems:

■ Windows 2000 with service pack 1 or higher. All editions, including Terminal Services and Windows 2000 MultiLanguage Edition (MLE), are supported.

■ Windows Server 2003

■ Windows XP Professional

Windows Multilingual User Interface Pack is supported on Windows XP Professional and Windows Server 2003.

Non-Oracle System Requirements

http://www.oracle.com/technology/products/gateways/pdf/certmatrix10g.pdf

Step Through the Oracle Universal Installer

Table 3–2 describes the installation procedure for Oracle Transparent Gateway for Teradata.

Table 3–2   The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
Oracle Universal Installer: Welcome	Click **Next**.
Oracle Universal Installer: Specify Home Details	Specify a name for the installation in the Name field. You can also choose not to edit the default setting of the Name field of the Specify Home Details screen.
	The Path field in the Specify Home Details screen is where you specify the destination for your installation. You need not edit the path specification in the Path field. The default setting for this field points to *ORACLE_HOME*. After you set the fields in the Specify Home Details screen as necessary, click **Next** to continue. After loading the necessary information from the installation, the Oracle Universal Installer displays the Available Products screen.
Oracle Universal Installer: Available Product Components	**a.** Select **Oracle Gateways 10.2.0.1.0**, open up this row.
	b. Select **Oracle Transparent Gateway for Teradata 10.2.0.1.0**.
	c. Click **Next**.
Oracle Universal Installer: Teradata ODBC DSN	Specify the ODBC data source name (DSN) for the Teradata database that the gateway will access. Click **Next** to continue.
Oracle Universal Installer: Summary	The Installation Summary screen enables you to review a tree list of options and components for this installation. Click **Install** to display the Installation Status screen.
Oracle Net Configuration Assistant: Welcome	Click **Cancel**.
Oracle Net Configuration Assistant:	Click **Yes**.
Oracle Universal Installer: Configuration Tools	Click **Exit**.
Exit	The final screen of the Oracle Universal Installer is the End of Installation screen. Click **Exit** to exit the installer.

The gateway is now installed.

When the Oracle Universal Installer confirms that the installation is complete, verify that the installation procedure was successful. To do this, read the contents of the installation log file, which is located in the C:\Program Files\Oracle\Inventory\logs directory.

The default file name is InstallActions*YYYY-MM-DD_HH-mm-SS-AM/PM*.log, where:

YYYY is year

MM is month
DD is day
HH is hour
mm is minute
SS is seconds
AM/PM is daytime or evening

Each of these variables in the log file name represents the date and time the product was installed.

4

Installing Oracle Transparent Gateway for Microsoft SQL Server

This chapter guides you through the installation procedure of Oracle Transparent Gateway for Microsoft SQL Server.

To install the Oracle Transparent Gateway for Microsoft SQL Server, follow these steps:

1. Ensure that the system meets all of the hardware and software requirements specified in "System Requirements for Oracle Transparent Gateway for Microsoft SQL Server" section on page 4-1.

2. Run the Oracle Universal Installer.

    See "Step Through the Oracle Universal Installer" section on page 4-3 for more information on running the Oracle Universal Installer.

    Oracle Universal Installer is a menu-driven utility that guides you through the installation of the gateway by prompting you with action items. The action items and the sequence in which they appear depend on your platform.

    See Table 4–2 for description of the installation procedure of Oracle Transparent Gateway for Microsoft SQL Server.

3. Configure the Gateway.

    Refer to *Oracle Transparent Gateway for Microsoft SQL Server Administrator's Guide for Microsoft Windows* for a instruction about how to configure the gateway.

System Requirements for Oracle Transparent Gateway for Microsoft SQL Server

This section provides information about the hardware and software requirements for the gateway. It contains the following sections:

■   "Hardware Requirements" on page 4-1

■   "Software Requirements" on page 4-2

Hardware Requirements

Table 4–1 lists the system requirements for Oracle Transparent Gateway for Microsoft SQL Server.

Table 4–1   System Requirements for Oracle Transparent Gateway for Microsoft SQL Server

Requirement	Value
Disk space for Oracle home	300 MB
Disk space for system drive (*SYSTEM_DRIVE*:\ )	3.1 MB
TEMP space	125 MB
Memory	512 MB of real memory is recommended to support the gateway. The total real memory requirement for the concurrent use of the gateway also depends on these factors: ■ The SQL statement processed by the user ■ The number of cursors currently opened against Microsoft SQL, Sybase, or Teradata server ■ The number of columns in the table being accessed
Oracle Networking	Oracle Net Services and Oracle Protocol Support for Named Pipes or TCP/IP must be installed on the Oracle Database computer and the gateway computer. The Oracle Net Services components are included on the gateway installation media.
Processor	550 MHz

Checking the Hardware Requirements

To ensure that the system meets these requirements, follow these steps:

1. Determine the physical RAM size. For a computer using Windows 2000, for example, open **System** in the control panel and select the **General** tab. If the size of the physical RAM installed in the system is less than the required size, then you must install more memory before continuing.

2. Determine the size of the configured swap space (also known as paging file size). For a computer using Windows 2000, for example, open **System** in the control panel, select the **Advanced** tab, and click **Performance Options**.

    If necessary, then see your operating system documentation for information about how to configure additional swap space.

3. Determine the amount of free disk space on the system. For a computer using Windows 2000, for example, open **My Computer**, right-click the drive where the Oracle software is to be installed, and select **Properties**.

4. Determine the amount of disk space available in the temp directory. This is equivalent to the total amount of free disk space, minus what will be needed for the Oracle software to be installed.

    If there is less than 125 MB of disk space available in the temp directory, then first delete all unnecessary files. If the temp disk space is still less than 125 MB, then set the TEMP or TMP environment variable to point to a different hard drive. For a computer using Windows 2000, for example, open the **System** control panel, select the **Advanced** tab, and click **Environment Variables**.

Software Requirements

Oracle Transparent Gateway for Microsoft SQL Server is supported on the following Microsoft Windows operating systems:

- Windows 2000 with service pack 1 or higher. All editions, including Terminal Services and Windows 2000 MultiLanguage Edition (MLE), are supported.

- Windows Server 2003

- Windows XP Professional

Windows Multilingual User Interface Pack is supported on Windows XP Professional and Windows Server 2003.

Non-Oracle System Requirements

Oracle continually updates supported gateway configurations. For the latest supported configuration information, visit the OTN Web site:

http://www.oracle.com/technology/products/gateways/pdf/certmatrix10g.pdf

Step Through the Oracle Universal Installer

Step Through the Oracle Universal Installer

Table 4–2 describes the installation procedure for Oracle Transparent Gateway for Microsoft SQL Server

Table 4–2   The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
Oracle Universal Installer: Welcome	Click **Next**.
Oracle Universal Installer: Specify Home Details	Specify a name for the installation in the Name field. You can also choose not to edit the default setting of the Name field of the Specify Home Details screen.
	The Path field in the Specify Home Details screen is where you specify the destination for your installation. You need not edit the path specification in the Path field. The default setting for this field points to *ORACLE_HOME*. After you set the fields in the Specify Home Details screen as necessary, click **Next** to continue. After loading the necessary information from the installation, the Oracle Universal Installer displays the Available Products screen.
Oracle Universal Installer: Available Product Components	**a.** Select **Oracle Gateways 10.2.0.1.0**, open up this row.
	b. Select **Oracle Transparent Gateway for Microsoft SQL Server 10.2.0.1.0**.
	c. Click **Next**.
Oracle Universal Installer: Microsoft SQL Server and Database Names	Enter the name of the Microsoft SQL Server to which the gateway will connect in the Microsoft SQL Server field. Click **Next** to continue.
Oracle Universal Installer: Summary	The Installation Summary screen enables you to review a tree list of options and components for this installation. Click **Install** to display the Installation Status screen.
Oracle Net Configuration Assistant: Welcome	Click **Cancel**.

Table 4–2   (Cont.) The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
Oracle Net Configuration Assistant:	Click **Yes**.
Oracle Universal Installer: Configuration Tools	Click **Exit**.
Exit	The final screen of the Oracle Universal Installer is the End of Installation screen. Click **Exit** to exit the installer.

The gateway is now installed.

When the Oracle Universal Installer confirms that the installation is complete, verify that the installation procedure was successful. To do this, read the contents of the installation log file, which is located in the C:\Program Files\Oracle\Inventory\logs directory.

The default file name is InstallActions*YYYY-MM-DD_HH-mm-SS-AM/PM*.log, where:

YYYY is year
MM is month
DD is day
HH is hour
mm is minute
SS is seconds
AM/PM is daytime or evening

Each of these variables in the log file name represents the date and time the product was installed.

5

Removing Oracle Transparent Gateway

If you decide to remove the Oracle Transparent Gateway on Microsoft Windows (32-bit), then perform the following steps:

1. Insert the gateway product installation media.

2. Start the Oracle Universal Installer by running the Oracle Universal Installer executable, `setup.exe`:

   1. From the Start menu, select **Run**.

   2. Enter the path of the executable file name. For example:

      ```
      D: \Disk1\setup.exe
      ```

3. Step through the Oracle Universal Installer. Use the prompts listed in Table 5–1, " Steps to Remove the Gateway Using Oracle Universal Installer" as a guide for removing, following the instructions in the Response column.

Table 5–1   Steps to Remove the Gateway Using Oracle Universal Installer

Prompt	Response
1. Oracle Universal Installer: Welcome	Click **Deinstall Products**.
2. Inventory	You may either choose to remove *all* products that you may have installed at the time of your original gateway installation, or you may choose to deinstall only an instance of the gateway. ■ To remove *all* products: Select the *ORACLE_HOME* where the gateway was installed. ■ Click **Remove...** ■ To remove *only* one instance of the gateway, expand the rows within the *ORACLE_HOME* recursively until you arrive at the folder. ■ Click **Remove...**
3. Confirmation	Click **Yes**.
4. Inventory	Click **Close**.
5. Oracle Universal Installer: Welcome	Click **Cancel**.
6. Exit	Click **Yes**.

4. The the gateway is now removed.

When the Oracle Universal Installer confirms that the deinstallation has ended, verify that the removal procedure was successful. To do this, read the contents of the deinstallation log file, which is located in the C:\Program Files\Oracle\Inventory\logs directory.

The default file name is InstallActions*YYYY-MM-DD_HH-mm-SS-AM/PM*.log, where:

YYYY is year
MM is month
DD is day
HH is hour
mm is minute
SS is seconds
AM/PM is daytime or evening

These variables in the log file name represent the date and time the product was deinstalled.

5. The only files that are removed are those that were copied to the `ORACLE_HOME` directory during the gateway installation. You must remove any other related files manually, including deleting `listener.ora` and `tnsnames.ora` entries relating to the gateway, dropping database links.

A

Using Response Files for Noninteractive Installation

This appendix describes how to install and configure Oracle products using response files. It includes the following topics:

- Introduction
- Using Response Files to Install Oracle Components in Noninteractive Mode
- Customizing a Sample Response File
- Creating a New Response File
- Running Oracle Universal Installer and Specifying a Response File

Introduction

Typically, Oracle Universal Installer runs in interactive mode, which means that it prompts you to provide information in graphical user interface (GUI) screens. Alternatively, you can run Oracle Universal Installer in noninteractive mode. Noninteractive mode is also referred to as silent mode, or silent installation.

You may want to use noninteractive mode to install Oracle Transparent Gateway on Microsoft Windows (32-bit) in the following scenarios:

- You need to deploy Oracle Components to multiple nodes in an unattended manner. You can schedule the noninteractive installation mode from the operating system scheduler or other job subsystem that your site normally uses.
- No interaction with the user is intended.
- A graphical facility to run Oracle Universal Installer in interactive mode is not available. (Oracle Universal Installer is always available on Windows, but not on UNIX systems.)

This section covers the following topics on how you can use response files to run Oracle Universal Installer in noninteractive mode:

Using Response Files to Install Oracle Components in Noninteractive Mode

To use noninteractive mode, you run Oracle Universal Installer with a response file. A response file is a text file that contains variables and values that Oracle Universal Installer uses during the installation process. Oracle provides a set of sample response files that you can customize, or you can create your own response file by recording your installation selections.

> **See Also:** *Oracle Universal Installer and OPatch User's Guide* for more
> information about response file formats

Customizing a Sample Response File

Oracle provides response file templates for each product and installation type, and for
each configuration tool. The response files for Oracle Gateway, tg.rsp and netca.rsp,
are located in the response directory on the media.

> **Note:** If you copied the software to a hard disk, then the response
> files are located in the Disk1\response directory.

To copy and modify a response file:

1. Copy the necessary response files from the \Response directory on the installation
   media to your hard drive.

2. From the Start menu, select **Programs**, then **Oracle - *HOME_NAME***, then **Oracle
   Installation Products**, then **Universal Installer Concepts Guide**.

   Oracle Universal Installer and OPatch User's Guide appears in HTML format.

3. Modify the response files with any text file editor by following the instructions in
   both the response files and *Oracle Universal Installer and OPatch User's Guide*.

4. Run the response file by following the instructions in the "Running Oracle
   Universal Installer and Specifying a Response File" section on page A-3.

Creating a New Response File

When you run Oracle Universal Installer in interactive mode, you can record your
installation selections into a response file. You do this by running Oracle Universal
Installer in Record mode. Oracle Universal Installer generates the response file
immediately after you complete the Summary page, so you do not need to actually
install the gateway to create the response file.

If you want to use the Record mode during a noninteractive installation, then Oracle
Universal Installer records the variable values that were specified in the original
source response file into the new response file.

> **Note:** You cannot use Record mode to create a response file based on
> the Basic installation type.

To create a new response file:

1. Make sure that the computer on which you are creating the response file has met
   the requirements described in respective gateway installation chapters.

2. At the command prompt, use the `cd` command to change to the directory that
   contains the Oracle Universal Installer `setup.exe` executable.

   On the installation media, `setup.exe` is located on Disk 1. If you want to run
   Oracle Universal Installer from an existing gateway installation, then you can find
   `setup.exe` in *ORACLE_BASE**ORACLE_HOME*\oui\bin.

3. Enter the following command:

   ```
   setup -record -destinationFile response_file_name
   ```

Replace *response_file_name* with the complete path for the new response file. For example:

```
setup -record -destinationFile C:\response_files\install_oracle10g
```

4. After Oracle Universal Installer launches, enter the installation settings, which will be recorded into the response file.

5. When the Summary page appears, do one of the following:

   ■ Click **Install** to continue with the installation.

   ■ Click **Cancel** if you want to only create the response file but not continue with the installation. The installation will stop, but the settings you have entered will be recorded to the response file.

   Later, Oracle Universal Installer will save your new response file using the path and file name you specified on the command line.

6. If necessary, make any environment-specific changes to the response file for the computer on which you will run it.

7. Run the response file by following the instructions in the "Running Oracle Universal Installer and Specifying a Response File" section.

Running Oracle Universal Installer and Specifying a Response File

You run Oracle Universal Installer at the command line, specifying a response file. The Oracle Universal Installer executable, `setup.exe`, provides several options. For help information on the full set of these options, run `setup.exe` with the `-help` option, for example:

```
C:\ORACLE_BASE\ORACLE_HOME\oui\bin> setup.exe -help
```

To run Oracle Universal Installer and specify a response file:

1. Start a command prompt.

2. Go to the directory where Oracle Universal Installer is installed.

3. From the command line, run Oracle Universal Installer with the corrct response file. For example:

```
C:\ORACLE_BASE\ORACLE_HOME\oui\bin> setup.exe [-silent]
[-nowelcome] [-nowait] -responseFile filename
```

Where...	Description
filename	Identifies the full path of the response file
-silent	Runs Oracle Universal Installer in silent mode and suppresses the Welcome screen. If you use -silent, then -nowelcome is not necessary.
-nowelcome	Suppresses the Welcome screen that appears during installation
–nowait	Closes the console window when the silent installation completes

See Also:

- "Installing Oracle Products" in *Oracle Universal Installer and OPatch User's Guide* for more information about installation using response files

- "Deinstalling Products" in *Oracle Universal Installer and OPatch User's Guide* for more information about removing software using response files

B

Oracle Transparent Gateway Troubleshooting

This appendix contains information about troubleshooting. It includes the following topics:

- Verifying Requirements
- What to Do if an Installation Error Occurs
- Reviewing the Log of an Installation Session
- Troubleshooting Configuration Assistants
- Noninteractive Installation Response File Error Handling
- Cleaning Up After a Failed Installation

Verifying Requirements

Before you try any of the troubleshooting steps in this appendix, do the following:

- Check the system requirements section of respective gateway installation chapters to ensure that the system meets the requirements and that you have completed all the preinstallation tasks.

- Read the release notes for the product on your platform before installing it. The release notes are available on the Oracle software installation media. You can find the latest version of the release notes on the Oracle Technology Network Web site:

  http://www.oracle.com/technology/documentation/index.html

What to Do if an Installation Error Occurs

If you encounter an error during installation then:

- Do not exit Oracle Universal Installer.

- If you clicked **Next** after you entered incorrect information about one of the installation screens, then click **Back** to return to the screen and correct the information.

- If you encounter an error while Oracle Universal Installer is copying or linking files, see the "Reviewing the Log of an Installation Session" section on page B-2.

- If you encounter an error while a configuration assistant is running, see the "Troubleshooting Configuration Assistants" section on page B-2.

■ If you cannot resolve the problem, then remove the failed installation by following the steps listed in the "Cleaning Up After a Failed Installation" section on page B-3.

Reviewing the Log of an Installation Session

During an installation, Oracle Universal Installer records all the actions that it performs, in a log file. If you encounter problems during the installation, then review the log file for information about possible causes of the problem.

```
SYSTEM_DRIVE:\Program Files\Oracle\Inventory\logs
```

Log file names take the form:

```
installActionsdate_time.log
```

For example, if the installation occurred at 9:00:56 A.M. on May 14, 2004, then the log file would be named:

```
installActions2004-05-14_09-00-56-am.log
```

> **Note:** Do not delete or manually alter the `Inventory` directory or its contents. Doing so can prevent Oracle Universal Installer from locating products that you install on your system.

Troubleshooting Configuration Assistants

To troubleshoot an installation error that occurs when a configuration assistant is running:

■ Review the installation log files listed in the "Reviewing the Log of an Installation Session" section on page B-2.

■ Review the specific configuration assistant log file located in the `ORACLE_BASE\ORACLE_HOME\cfgtoollogs` directory. Try to fix the issue that caused the error.

■ If you see the "Fatal Error. Reinstall" message, then look for the cause of the problem by reviewing the log files. Refer to the "Fatal Errors" section on page B-3 for further instructions.

Configuration Assistant Failure

Oracle configuration assistant failures are noted at the bottom of the installation screen. The configuration assistant interface displays additional information, if available. The configuration assistant execution status is stored in the `installActionsdate_time.log` file.

The execution status codes are listed in the following table:

Status	Result Code
Configuration assistant succeeded	0
Configuration assistant failed	1
Configuration assistant cancelled	-1

Fatal Errors

If you receive a fatal error while a configuration assistant is running then:

1. Remove the failed installation as described in the "Cleaning Up After a Failed Installation" section on page B-3.

2. Correct the cause of the fatal error.

3. Reinstall the Oracle software.

Noninteractive Installation Response File Error Handling

To determine whether a noninteractive installation succeeded or failed, check the `installActionsdate_time.log` file, located in `SYSTEM_DRIVE:\Program Files\Oracle\Inventory\logs`.

If necessary, then see the previous section for information about determining the location of the `Inventory` directory.

A silent installation fails if:

■ You do not specify a response file.

■ You specify an incorrect or incomplete response file.

■ Oracle Universal Installer encounters an error, such as insufficient disk space.

Oracle Universal Installer or a configuration assistant validates the response file at run time. If the validation fails, then the noninteractive installation or configuration process ends. Oracle Universal Installer treats values for parameters that are of the wrong context, format, or type as if no value was specified in the file.

Cleaning Up After a Failed Installation

If an installation fails, you must remove files that Oracle Universal Installer created during the attempted installation and remove the Oracle home directory. Follow the instructions in Chapter 5, "Removing Oracle Transparent Gateway" to run Oracle Universal Installer to remove the gateway, manually remove the Oracle directory, and remove Oracle from the Registry Editor keys. Later, reinstall the software.

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