

Oracle® Transparent Gateway

Installation Guide

10g Release 2 (10.2) for Solaris Operating System, hp-ux, IBM
AIX, and hp Tru64 UNIX

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Oracle Transparent Gateway Installation Guide, 10g Release 2 (10.2) for Solaris Operating System, hp-ux, IBM AIX, and hp Tru64 UNIX

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If you have problems with the software, please contact your local Oracle Support Services.

Preface

This guide describes how to install Oracle Transparent Gateway for Solaris Operating System, hp-ux, IBM AIX, and hp Tru64 UNIX.

Intended Audience

This manual is intended for users responsible for installing Oracle Transparent Gateway on UNIX platforms.

Documentation Accessibility

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Structure

This guide contains the following chapters:

Chapter 1, "Oracle Transparent Gateway Overview"

This chapter contains an overview of Transparent Gateway as well as issues you should consider before installing the software.

Chapter 2, "Installing Oracle Transparent Gateway for Sybase"

This chapter contains the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Sybase.

Chapter 3, "Installing Oracle Transparent Gateway for Informix"

This chapter contains the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Informix.

Chapter 4, "Installing Oracle Transparent Gateway for Ingres II"

This chapter contains the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Ingres II.

Chapter 5, "Installing Oracle Transparent Gateway for Teradata"

This manual contains the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Teradata.

Chapter 6, "Deinstalling Oracle Transparent Gateway"

This chapter contains the deinstallation procedure for Oracle Transparent Gateway.

Appendix A, "Using Response Files for Non-Interactive Installation"

This appendix contains information about installing and configuring Oracle Transparent Gateway using response files.

Appendix B, "Troubleshooting"

This appendix contains information about troubleshooting the installation process.

Related Documents

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

- *Oracle Transparent Gateway for Informix Administrator's Guide for Solaris Operating System (SPARC 64-Bit)*
- *Oracle Transparent Gateway for Sybase Administrator's Guide for Solaris Operating System (SPARC 64-Bit)*
- *Oracle Transparent Gateway for Teradata Administrator's Guide for Solaris Operating System (SPARC 64-Bit)*
- *Oracle Transparent Gateway for Ingres II Administrator's Guide for Solaris Operating System (SPARC 64-Bit)*
- *Oracle Transparent Gateway for Informix Administrator's Guide for hp-ux*
- *Oracle Transparent Gateway for Sybase Administrator's Guide for hp-ux*
- *Oracle Transparent Gateway for Teradata Administrator's Guide for hp-ux*

- *Oracle Transparent Gateway for Ingres II Administrator's Guide for hp-ux*
- *Oracle Transparent Gateway for Sybase Administrator's Guide for IBM AIX*
- *Oracle Transparent Gateway for Sybase Administrator's Guide for hp Tru64 UNIX*

Typographic Conventions

The following typographic conventions are used in this manual:

Convention	Meaning
<code>monospace</code>	Monospace type indicates UNIX commands, directory names, usernames, pathnames, and filenames.
<i>italics</i>	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.

Oracle Transparent Gateway Overview

This chapter describes the installation of Oracle Transparent Gateways as well as issues that you should consider before installing the software. It includes information about 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 Oracle Transparent 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 Oracle Transparent Gateways, as follows:

- [Interactive Installation Methods](#)
- [Automated Installation Methods Using Response Files](#)

Interactive Installation Methods

When you use the interactive method to install Oracle Transparent Gateways, Oracle Universal Installer displays a series of screens that enable you to specify all of the required information to install the Oracle Database software and optionally create a database.

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 Oracle Transparent Gateway installation. These automated installation methods are useful if you need to perform multiple installations on similarly configured systems or if the system where you want to install the software does not have X Window system software installed.

When you use a response file, you can run Oracle Universal Installer in the following modes, depending on whether you specify all of the required information or not:

Silent Mode: Oracle Universal Installer runs in silent mode if you use a response file that specifies all required information. None of the Oracle Universal Installer screens are displayed.

Suppressed Mode: Oracle Universal Installer runs in suppressed mode if you do not specify all required information in the response file. Oracle Universal Installer displays only the screens that prompt for the information that you did not specify.

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:

- [Read the Release Notes](#)
- [Hardware and Software Certification](#)
- [Multiple Oracle Homes](#)

Read the Release Notes

Read the release notes for the product before installing it. The release notes are available on the Oracle Database 10g 10g Release 2 (10.2) installation media. The latest version of the release notes is also available on the 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 OracleMetaLink Web site for the most up-to-date list of certified hardware platforms and operating system versions. The OracleMetaLink Web site is available at the following Web site:

<http://metalink.oracle.com>

If you do not have a current Oracle Support Services contract, 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 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 release 10.1 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 if each installation is installed in a separate Oracle home directory.

Upgrades

Upgrades are not supported for Oracle Transparent Gateways.

Accessing the Installation Software

You can access and install Transparent Gateway by using one of the following methods:

- Copy the software to a hard disk. Refer to [Copying the Oracle Software to a Hard Disk](#)
- Download the software from OTN. Refer to [Downloading Oracle Software from the OTN Web Site](#).

Copying the Oracle Software to a Hard Disk

Before installing Oracle Transparent Gateway, you might want to copy the software to the hard disk. This enables the installation process to run a bit faster. Before copying the installation media content to the hard disk, you must mount the installation media. The following section describes how to mount discs and copy their content to the hard disk.

Mounting Disc

On most Solaris systems, the disc mounts automatically when you insert it into the disc drive. If the disc does not mount automatically, follow these steps to mount it:

1. Switch user to root

```
$ su - root
```

2. If necessary, enter a command similar to one of the following to eject the currently mounted disc, then remove it from the drive:

Solaris:

```
# eject
```

AIX:

```
# umount /cdrom
```

hp-ux:

```
# /usr/sbin/umount /SD_CDROM
```

Tru64 UNIX:

```
# /usr/sbin/umount /cdrom
```

In these examples, /cdrom and /SD_CDROM are the mount point directories for the disc drive.

3. Insert the appropriate disc into the disc drive.
4. To verify that the disc mounted automatically, enter a command similar to the following depending on your platform:

Solaris:

```
# ls /cdrom/cdrom0
```

5. If this command fails to display the contents of the disc, enter a command similar to the following to mount it, depending on your platform:

Solaris:

```
# /usr/sbin/mount -r -F hsfs /dev/dsk/cxydzs2 /cdrom
```

In this example, /cdrom is the disc mount point directory and /dev/dsk/cxydzs2 is the device name for the disc device, for example /dev/dsk/c0t2d0s2.

6. If Oracle Universal Installer is displaying the Disk Location dialog box, enter the disc mount point directory path, for example:

```
/mnt/cdrom
```

Copying the Oracle Transparent Gateway Software to a Hard Disk

To copy the contents of the disc to a hard disk:

1. Create a directory on the hard disk to hold the Oracle software:

```
$ mkdir Ora10g
```

2. Change directory to the directory you created in step 1:

```
$ cd Ora10g
```

3. Create subdirectories for each installation disc with names similar to the following, where *n* is the disc number:

```
$ mkdir Diskn
```

4. Copy the contents of the mounted disc to the corresponding new subdirectory as follows:

```
$ cp -R /directory_path Diskn
```

In this example, *n* is the disc number and /directory_path is the installation media mount point directory. The mount point directory is /cdrom.

5. If necessary, mount the next disc and repeat step 5.

Downloading Oracle Software from the OTN Web Site

This section describes how to download the installation archive files and extract them on your hard disk. It contains the following topics:

- [Downloading the Installation Archive Files](#)
- [Extracting the Installation Files](#)

Downloading the Installation Archive Files

To download the installation archive files from OTN:

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

<http://www.oracle.com/technology/software/>

2. Navigate to the download page for the product that you want to install.
3. On the 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 archive files.
In most cases, the available disk space must be at least twice the size of all of the archive files.
5. On the file system that you selected in step 4, create a parent directory for each product, for example, TG4SYBS, to hold the installation directories.
6. Download all of the installation archive files to the directory that you created in step 5.
7. Verify that the files you downloaded are the same size as the corresponding files on OTN.

Extracting the Installation Files

To extract the installation archive files, perform the following steps:

1. If necessary, change directory to the directory that contains the downloaded installation archive files.
2. To uncompress each file, enter a command similar to the following:

```
$ gunzip filename.cpio.gz
```

This command creates files with names similar to the following:

```
filename.cpio
```

3. To extract the installation files, enter a command similar to the following:

```
$ cpio -idmv < filename.cpio
```

Note: Refer to the download page for information about the correct options to use with the `cpio` command.

Some browsers uncompress files while downloading them, but leave the `.gz` file extension. If these steps do not work, remove the `.gz` extension from the files and repeat step 3.

For each file, this command creates a subdirectory named `Diskn`, where *n* is either 1 or the disk number identified in the file name.

Running the Oracle Universal Installer

Start the Installer and install the software, as follows:

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

Some platforms automatically mount discs when you insert them into the drive.

2. If necessary, log in as the Oracle software owner user (`oracle`) and set the `DISPLAY` environment variable.
3. To start the Installer, enter the following commands where *directory_path* is the CD-ROM mount point directory or the path of the `tg` directory on the DVD-ROM.

```
$ /directory_path/runInstaller
```

4. Use the following guidelines to complete the installation:

- Follow the instruction displayed in the Installer window. If you need additional information, click **Help**.
- When the Installer prompts you to run a script with `root` privileges, enter a command similar to the following in a terminal where you are logged in as the root user, then click **Continue** or **OK**:

```
# /script_path/script_name
```

- On Tru64 UNIX, when prompted for the JDK home directory specify the location of JDK 1.4.2 on your system.

To determine the JDK home directory, enter the following command:

```
# /usr/sbin/setld -i JAVA142 | more
```

The default location is `/usr/opt/java142`.

Caution: The Oracle Universal Installer automatically installs the Oracle-supplied version of the Java Runtime Environment (JRE). This version is required to run Oracle Universal Installer and several Oracle assistants. Do not modify the JRE except by using a patch provided by Oracle Support Services.

- If you encounter errors while installing or linking the software, then see [Appendix B](#) for information about troubleshooting.
5. When all of the configuration tools have finished, click **Exit**, then click **Yes** to exit from the Installer.

Installing Oracle Transparent Gateway for Sybase

This chapter provides information about the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Sybase for Solaris Operating System (SPARC), hp-ux, AIX, and hp Tru64 UNIX. It contains the following sections:

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Installation Steps for Oracle Transparent Gateway for Sybase](#)

Hardware Requirements

[Table 2-1](#) shows the hardware requirements for Oracle Transparent Gateway for Sybase.

Table 2-1 Hardware requirements for Oracle Transparent Gateway for Sybase

Hardware Items	Required for AIX-Based Systems	Required for HP 9000 Series hp_ux	Required for Solaris Operating System	Required for hp Tru64 UNIX
CPU	IBM RS/6000 AIX-Based System Processor	HP 9000 Series 700 or 800 processor for hp-ux 11.0	Sun Solaris Operating System (SPARC) Processor	Alpha processor
Temporary Disk Space	500 MB	500 MB	500 MB	500 MB
Disk Space	1.5 GB	1.5 GB	750 MB	1.5 GB
Memory	512 MB	512 MB	512 MB	512 MB
Swap Space	1 GB	1 GB	1 GB	1 GB

Checking the Hardware Requirements

The system must meet the following minimum hardware requirements:

- 512 MB of physical RAM
- 1 GB of swap space (or twice the size of RAM)

On systems with 2 GB or more of RAM, the swap space can be between one and two times the size of RAM. On AIX systems with 1 GB or more of memory, do not increase the swap space more than 2 GB. See the Oracle Database Administrator's Reference for UNIX for more information about configuring swap space on AIX.

- 500 MB of disk space in the /tmp directory

- Between 750 MB and 1.5 GB of disk space for the Oracle software, depending on the installation type and platform

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

- To determine the physical RAM size, enter one of the following commands:

Operating System	Command
AIX	<code># /usr/sbin/lssattr -E -l sys0 -a realmem</code>
hp-ux	<code># /usr/sbin/dmesg grep "Physical:"</code>
Solaris	<code># /usr/sbin/prtconf grep "Memory size"</code>
Tru64 UNIX	<code># /bin/vmstat -P grep "Total Physical Memory"</code>

If the size of the physical RAM installed in the system is less than the required size, you must install more memory before continuing.

- To determine the size of the configured swap space, enter one of the following commands:

Operating System	Command
AIX	<code># /usr/sbin/lssps -a</code>
hp-ux	<code># /usr/sbin/swapinfo -a</code>
Solaris	<code># /usr/sbin/swap -s</code>
Tru64 UNIX	<code># /sbin/swapon -s</code>

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

Software Requirements

The following section describes the software requirements for Oracle Transparent Gateway for Sybase.

Operating System

Table 2–2 shows the operating system version required for Oracle Transparent Gateway for Sybase.

Table 2–2 Operating Systems version for Oracle Transparent Gateway for Sybase

Operating System	Version
Solaris	Solaris 8 or Solaris 9, 64-bit
hp-ux	hp-ux 11i (11.11) PA-RISC
AIX	AIX 5L version 5.2, Maintenance level 1 or higher
hp Tru64 UNIX	hp Tru64 5.1b

Checking the Software Requirements

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

- To determine which version of AIX is installed, enter the following command:

```
# oslevel -r
```

If the operating system version is lower than AIX 5.2.0.0 Maintenance Level 1 (5200-01), upgrade your operating system to this level. AIX 5L version 5.2 maintenance packages are available from the following Web site:

<http://techsupport.services.ibm.com/server/aix.fdc>

- To determine which version of hp-ux is installed, enter the following command:

```
# uname -a
HP-UX hostname B.11.11 U 9000/800 109444686 unlimited-user license
```

- To determine which version of Solaris Operating System is installed, enter the following command:

```
# uname -r
```

If your operating system is lower than Solaris 8 (5.8), upgrade your operating system to this level.

- To determine which version of Tru64 UNIX is installed, enter the following command:

```
# /usr/sbin/sizer -v
Compaq Tru64 UNIX V5.1B (Rev. 2650); Mon Nov 3 10:13:28 PST 200
```

In this example, the version shown is V5.1B. If necessary, see your operating system documentation for information about upgrading the operating system.

Non-Oracle System Requirements

This release of the gateway supports Sybase Adaptive Server. For the latest versions supported refer to the OTN Web site:

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

Installation Steps for Oracle Transparent Gateway for Sybase

To install the gateway, follow these steps:

1. Run the Oracle Universal Installer

See ["Running the Oracle Universal Installer"](#) section on page 1-6 for more information on running the Oracle Universal Installer.

2. Step through 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 2–3](#) for 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* of your platform for instruction on how to configure your gateway.

Step Through the Oracle Universal Installer

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

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

Screen	Response
Oracle Universal Installer: Welcome	Click Next .
Oracle Universal Installer: File Locations	The Source section of the screen is where you specify the source location that the Oracle Universal Installer must use to install the Oracle Transparent Gateway. You need not edit the file specification in the Path field. The default setting for this field points to the installer file on your Oracle Transparent Gateway installation media. The Path field in the Destination section of the File Locations 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 <code>ORACLE_HOME</code>. After you set the fields in the File Locations 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. Deselect the checked products. b. Select Oracle Transparent Gateway 10.2.0.1.0, open up this row. c. Select Oracle Transparent Gateway for Sybase 10.2.0.1.0. d. Click Next.
Sybase Path	Specify the full path of the directory where the Sybase Adaptive Server or Open Client Software is installed. Click Next to continue.
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.

Installing Oracle Transparent Gateway for Informix

This chapter provides information about the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Informix for Solaris Operating System (SPARC) and hp-ux. It contains the following sections:

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Installation Steps for Oracle Transparent Gateway for Informix](#)

Hardware Requirements

[Table 3–1](#) shows the hardware requirements for Oracle Transparent Gateway for Informix.

Table 3–1 *Hardware requirements for Oracle Transparent Gateway for Informix*

Hardware Items	Required for HP 9000 Series hp_ux	Required for Solaris Operating System
CPU	HP 9000 Series 700 or 800 processor for hp-ux 11.0	Sun Solaris Operating System (SPARC) Processor
Temporary Disk Space	500 MB	500 MB
Disk Space	1.5 GB	750 MB
Memory	512 MB	512 MB
Swap Space	1 GB	1 GB

Checking the Hardware Requirements

The system must meet the following minimum hardware requirements:

- 512 MB of physical RAM
- 1 GB of swap space (or twice the size of RAM)
On systems with 2 GB or more of RAM, the swap space can be between one and two times the size of RAM.
- 500 MB of disk space in the /tmp directory
- Between 750 MB and 1.5 GB of disk space for the Oracle software, depending on the installation type and platform

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

1. To determine the physical RAM size, enter one of the following commands:

Operating System	Command
hp-ux	<code># /usr/sbin/dmesg grep "Physical:"</code>
Solaris	<code># usr/sbin/prtconf grep "Memory size"</code>

If the size of the physical RAM installed in the system is less than the required size, you must install more memory before continuing.

2. To determine the size of the configured swap space, enter one of the following commands:

Operating System	Command
hp-ux	<code># /usr/sbin/swapinfo -a</code>
Solaris	<code># /usr/sbin/swap -s</code>

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

Software Requirements

The follow section describes the software requirements for Oracle Transparent Gateway for Informix.

Operating System

[Table 3–2](#) shows the operating system version required for Oracle Transparent Gateway for Informix for Solaris Operating System and hp-ux .

Table 3–2 Operating Systems version for Oracle Transparent Gateway for Informix

Operating System	Version
Solaris	Solaris 8 or Solaris 9, 64-bit
hp-ux	hp-ux 11i (11.11) PA-RISC

Checking the Software Requirements

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

- To determine which version of hp-ux is installed, enter the following command:

```
# uname -a
HP-UX hostname B.11.11 U 9000/800 109444686 unlimited-user license
```

- To determine which version of Solaris Operating System is installed, enter the following command:

```
# uname -r
```

If your operating system is lower than Solaris 8 (5.8), upgrade your operating system to this level.

Non-Oracle System Requirements

This release of the gateway supports Informix Dynamic Server. For the latest versions supported refer to the OTN Web site:

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

Installation Steps for Oracle Transparent Gateway for Informix

To install the gateway, follow these steps:

1. Run the Oracle Universal Installer

See ["Running the Oracle Universal Installer"](#) section on page 1-6 for more information on running the Oracle Universal Installer.

2. Step through 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 3-3](#) for description of the installation procedure of Oracle Transparent Gateway for Informix.

3. Configure the Gateway

Refer to *Oracle Transparent Gateway for Informix Administrator's Guide* of your platform for instruction on how to configure your gateway.

Step Through the Oracle Universal Installer

[Table 3-3](#) describes the installation procedure for Oracle Transparent Gateway for Informix.

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

Screen	Response
Oracle Universal Installer: Welcome	Click Next .
Oracle Universal Installer: File Locations	The Source section of the screen is where you specify the source location that the Oracle Universal Installer must use to install the Oracle Transparent Gateway. You need not edit the file specification in the Path field. The default setting for this field points to the installer file on your Oracle Transparent Gateway installation media. The Path field in the Destination section of the File Locations 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 <code>ORACLE_HOME</code>. After you set the fields in the File Locations screen as necessary, click Next to continue. After loading the necessary information from the installation media, the Oracle Universal Installer displays the Available Products screen.
Oracle Universal Installer: Available Product Components	a. Deselect the checked products. b. Select Oracle Transparent Gateway 10.2.0.1.0, open up this row. c. Select Oracle Transparent Gateway for Informix 10.2.0.1.0. d. Click Next.
Informix Client Library Path	Specify the full path of the directory where the Informix Client Library is installed. Click Next to continue.
Informix Server and Database Names	Specify the server name and the database name of the Informix database that the gateway will access, then click Next .
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.

Table 3–3 (Cont.) The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
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.

Installing Oracle Transparent Gateway for Ingres II

This chapter provides information about the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Ingres II for Solaris Operating System (SPARC) and hp-ux. It contains the following sections:

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Installation Steps for Oracle Transparent Gateway for Ingres II](#)

Hardware Requirements

[Table 4–1](#) shows the hardware requirements for Oracle Transparent Gateway for Ingres II.

Table 4–1 *Hardware requirements for Oracle Transparent Gateway for Ingres II*

Hardware Items	Required for HP 9000 Series hp_ux	Required for Solaris Operating System
CPU	HP 9000 Series 700 or 800 processor for hp-ux 11.0	Sun Solaris Operating System (SPARC) Processor
Temporary Disk Space	500 MB	500 MB
Disk Space	1.5 GB	750 MB
Memory	512 MB	512 MB
Swap Space	1 GB	1 GB

Checking the Hardware Requirements

The system must meet the following minimum hardware requirements:

- 512 MB of physical RAM
- 1 GB of swap space (or twice the size of RAM)
On systems with 2 GB or more of RAM, the swap space can be between one and two times the size of RAM.
- 500 MB of disk space in the /tmp directory
- Between 750 GB and 1.5 GB of disk space for the Oracle software, depending on the installation type and platform

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

1. To determine the physical RAM size, enter one of the following commands:

Operating System	Command
hp-ux	<code># /usr/sbin/dmesg grep "Physical:"</code>
Solaris	<code># usr/sbin/prtconf grep "Memory size"</code>

If the size of the physical RAM installed in the system is less than the required size, you must install more memory before continuing.

2. To determine the size of the configured swap space, enter one of the following commands:

Operating System	Command
hp-ux	<code># /usr/sbin/swapinfo -a</code>
Solaris	<code># /usr/sbin/swap -s</code>

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

Software Requirements

The follow section describes the software requirements for Oracle Transparent Gateway for IngresII.

Operating System

Table 4–2 shows the operating system version required for Oracle Transparent Gateway for Ingres II for Solaris Operating System and hp-ux.

Table 4–2 Operating Systems version for Oracle Transparent Gateway for Ingres II

Operating System	Version
Solaris	Solaris 8 or Solaris 9, 64-bit
hp-ux	hp-ux 11i (11.11) PA-RISC

Checking the Software Requirements

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

- To determine which version of hp-ux is installed, enter the following command:

```
# uname -a
HP-UX hostname B.11.11 U 9000/800 109444686 unlimited-user license
```

- To determine which version of Solaris Operating System is installed, enter the following command:

```
# uname -r
```

If your operating system is lower than Solaris 8 (5.8), upgrade your operating system to this level.

Non-Oracle System Requirements

This release of the gateway supports Ingres II. For the latest versions supported refer to the OTN Web site:

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

Installation Steps for Oracle Transparent Gateway for Ingres II

To install the gateway, follow these steps:

1. Run the Oracle Universal Installer

See ["Running the Oracle Universal Installer"](#) section on page 1-6 for more information on running the Oracle Universal Installer.

2. Step through 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 4-3](#) for description of the installation procedure of Oracle Transparent Gateway for Ingres II.

3. Configure the Gateway

Refer to *Oracle Transparent Gateway for Ingres II Administrator's Guide* of your platform for instruction on how to configure your gateway.

Step Through the Oracle Universal Installer

[Table 4-3](#) describes the installation procedure for Oracle Transparent Gateway for Ingres II.

Table 4-3 The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
Oracle Universal Installer: Welcome	Click Next .
Oracle Universal Installer: File Locations	The Source section of the screen is where you specify the source location that the Oracle Universal Installer must use to install the Oracle Transparent Gateway. You need not edit the file specification in the Path field. The default setting for this field points to the installer file on your Oracle Transparent Gateway installation media. The Path field in the Destination section of the File Locations 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 <code>ORACLE_HOME</code>. After you set the fields in the File Locations screen as necessary, click Next to continue. After loading the necessary information from the installation media, the Oracle Universal Installer displays the Available Products screen.
Oracle Universal Installer: Available Product Components	a. Deselect the checked products. b. Select Oracle Transparent Gateway 10.2.0.1.0, open up this row. c. Select Oracle Transparent Gateway for Ingres II 10.2.0.1.0. d. Click Next.
Ingres II Installation	Specify whether the Ingres database complies with the ANSI/ISO Entry SQL-92 standard. Click Next to continue.
Ingres II Installed Path	Specify the full path of the directory where the Ingres software is installed, then click Next .
Ingres Virtual Node and Database Name	Specify the virtual node name and the database name of the Ingres database that the Gateway will access, then click Next .

Table 4–3 (Cont.) The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
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.

Installing Oracle Transparent Gateway for Teradata

This chapter provides information about the hardware and software requirements and the installation procedure for Oracle Transparent Gateway for Teradata for Solaris Operating System (SPARC) and hp-ux. It contains the following sections:

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Installation Steps for Oracle Transparent Gateway for Teradata](#)

Hardware Requirements

[Table 5–1](#) shows the hardware requirements for Oracle Transparent Gateway for Teradata.

Table 5–1 *Hardware requirements for Oracle Transparent Gateway for Teradata*

Hardware Items	Required for HP 9000 Series hp_ux	Required for Solaris Operating System
CPU	HP 9000 Series 700 or 800 processor for hp-ux 11.0	Sun Solaris Operating System (SPARC) Processor
Temporary Disk Space	500 MB	500 MB
Disk Space	1.5 GB	750 MB
Memory	512 MB	512 MB
Swap Space	1 GB	1 GB

Checking the Hardware Requirements

The system must meet the following minimum hardware requirements:

- 512 MB of physical RAM
- 1 GB of swap space (or twice the size of RAM)
On systems with 2 GB or more of RAM, the swap space can be between one and two times the size of RAM.
- 500 MB of disk space in the /tmp directory
- Between 750 GB and 1.5 GB of disk space for the Oracle software, depending on the installation type and platform

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

1. To determine the physical RAM size, enter one of the following commands:

Operating System	Command
hp-ux	<code># /usr/sbin/dmesg grep "Physical:"</code>
Solaris	<code># usr/sbin/prtconf grep "Memory size"</code>

If the size of the physical RAM installed in the system is less than the required size, you must install more memory before continuing.

- To determine the size of the configured swap space, enter one of the following commands:

Operating System	Command
hp-ux	<code># /usr/sbin/swapinfo -a</code>
Solaris	<code># /usr/sbin/swap -s</code>

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

Software Requirements

The follow section describes the software requirements for Oracle Transparent Gateway for Teradata.

Operating System

Table 5–2 shows the operating system version required for Oracle Transparent Gateway for Teradata for Solaris Operating System and hp-ux.

Table 5–2 Operating Systems version for Oracle Transparent Gateway for Teradata

Operating System	Version
Solaris	Solaris 8 or Solaris 9, 64-bit
hp-ux	hp-ux 11i (11.11) PA-RISC

Checking the Software Requirements

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

- To determine which version of hp-ux is installed, enter the following command:

```
# uname -a
HP-UX hostname B.11.11 U 9000/800 109444686 unlimited-user license
```

- To determine which version of Solaris Operating System is installed, enter the following command:

```
# uname -r
```

If your operating system is lower than Solaris 8 (5.8), upgrade your operating system to this level.

Non-Oracle System Requirements

This release of the gateway supports Teradata. For the latest versions supported refer to the OTN Web site:

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

Installation Steps for Oracle Transparent Gateway for Teradata

To install the gateway, follow these steps:

1. Run the Oracle Universal Installer

See "Running the Oracle Universal Installer" section on page 1-6 for more information on running the Oracle Universal Installer.

2. Step through 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 5-3 for 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* of your platform for instruction on how to configure your gateway.

Step Through the Oracle Universal Installer

Table 5-3 describes the installation procedure for Oracle Transparent Gateway for Teradata.

Table 5-3 The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
Oracle Universal Installer: Welcome	Click Next .
Oracle Universal Installer: File Locations	The Source section of the screen is where you specify the source location that the Oracle Universal Installer must use to install the Oracle Transparent Gateway. You need not edit the file specification in the Path field. The default setting for this field points to the installer file on your Oracle Transparent Gateway installation media. The Path field in the Destination section of the File Locations 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 <code>ORACLE_HOME</code>. After you set the fields in the File Locations screen as necessary, click Next to continue. After loading the necessary information from the installation media, the Oracle Universal Installer displays the Available Products screen.
Oracle Universal Installer: Available Product Components	a. Deselect the checked products. b. Select Oracle Transparent Gateway 10.2.0.1.0, open up this row. c. Select Oracle Transparent Gateway for Teradata 10.2.0.1.0. d. Click Next.
Teradata ODBC DSN	Specify the ODBC data source name(DSN) for the Teradata database that the gateway will access. Click Next to continue.
ODBC Installation Location	Specify the full path of the directory where the NCR ODBC Driver for Teradata is Installed. 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.

Table 5–3 (Cont.) The Oracle Universal Installer: Steps for Installing the Gateway

Screen	Response
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.

Deinstalling Oracle Transparent Gateway

If you decide to deinstall the Oracle Transparent Gateway, perform the following steps:

1. Stop the following process: Oracle Net Listener using the following command:

```
ORACLE_HOME/bin/lsnrctl stop
```

2. Log in as the oracle user:

```
$ su - oracle
```

3. Set the ORACLE_HOME environment variable to specify the path of the Oracle home that you want to remove:

- Bourne, Bash, or Korn shell:

```
$ ORACLE_HOME=/u01/app/oracle/product/10.2.0/db_1; export ORACLE_HOME
```

- C shell:

```
$ setenv ORACLE_HOME /u01/app/oracle/product/10.2.0/db_1
```

4. Start the Installer as follows:

```
$ $ORACLE_HOME/oui/bin/runInstaller
```

5. Step through the Oracle Universal Installer. Use the prompts listed in [Table 6-1, "Steps to DeInstall the Oracle Transparent Gateway Using Oracle Universal Installer"](#) as a guide for deinstallation, following the instructions in the Response column.

Table 6-1 Steps to DeInstall the Oracle Transparent Gateway Using Oracle Universal Installer

Prompt	Response
1. Oracle Universal Installer: Welcome	Click Deinstall Products .

Table 6–1 (Cont.) Steps to Deinstall the Oracle Transparent Gateway Using Oracle Universal Installer

Prompt	Response
2. Inventory	You may either choose to deinstall <i>all</i> products that you may have installed at the time of your original gateway installation, or you may choose to deinstall only an instance of Oracle Transparent Gateway. ■ To deinstall <i>all</i> products: Select the <code>ORACLE_HOME</code> where Oracle Transparent Gateway was installed. ■ Click Remove... ■ To deinstall <i>only</i> one instance of Oracle Transparent Gateway, expand the rows within the <code>ORACLE_HOME</code> 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 .

6. The Oracle Transparent Gateway is now deinstalled.

When the Oracle Universal Installer confirms that the deinstallation has ended, verify that the deinstallation 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 `InstallActionsYYYY-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 de-installed.

7. 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 link(s).

Using Response Files for Non-Interactive Installation

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

- [Introduction](#)
- [Creating the oraInst.loc File](#)
- [Preparing a Response File](#)
- [Running Oracle Universal Installer in Silent or Suppressed Mode](#)

Introduction

You can automate the installation and configuration of Oracle software, either fully or partially, by specifying a response file when you start Oracle Universal Installer. Oracle Universal Installer uses the values contained in the response file to provide answers to some or all of Oracle Universal Installer prompts:

- If you include responses for all of the prompts in the response file and specify the `-silent` option when starting Oracle Universal Installer, then Oracle Universal Installer runs in silent mode. During a silent-mode installation, Oracle Universal Installer does not display any screens. Instead, it displays progress information in the terminal that you used to start it.
- If you include responses for some or all of the prompts in the response file and omit the `-silent` option, then Oracle Universal Installer runs in suppressed mode. During a suppressed-mode installation, Oracle Universal Installer displays only the screens for which you did not specify all required information. You can also use variables in the response file or command-line options to suppress other installer screens, such as the Welcome screen or Summary screen, that do not prompt for information.

The following table describes several reasons why you might want to run Oracle Universal Installer in silent mode or suppressed mode:

Mode	Uses
Silent	Use silent mode if you want to: ■ Complete an unattended installation, which you might schedule using operating system utilities such as <code>at</code> ■ Complete several similar installations on multiple systems without user interaction ■ Install the software on a system that does not have X Window System software installed on it Oracle Universal Installer displays progress information in the terminal that you used to start it, but it does not display any of Oracle Universal Installer screens.
Suppressed	Use suppressed mode if you want to complete similar Oracle software installations on more than one system, providing default answers to some, but not all of Oracle Universal Installer prompts. If you do not specify information required for a particular Installer screen in the response file, Oracle Universal Installer displays that screen. It suppresses screens for which you have provided all of the required information.

Installation Overview

To install and configure Oracle products using Oracle Universal Installer in silent or suppressed mode, follow these steps:

1. Create the `oraInst.loc` file.
2. Prepare a response file.
3. Run Oracle Universal Installer in silent or suppressed mode.

These steps are described in the following sections.

Creating the oraInst.loc File

If you plan to install Oracle products using Oracle Universal Installer in silent or suppressed mode, you must manually create the `oraInst.loc` file if it does not already exist. This file specifies the location of the Oracle Inventory directory where Oracle Universal Installer creates the inventory of Oracle products installed on the system.

Note: If Oracle software has been installed previously on the system, the `oraInst.loc` file might already exist. If the file does exist, you do not need to create a file.

To create the `oraInst.loc` file, follow these steps:

1. Switch user to root:
2. On HP-UX, Solaris, and Tru64 UNIX, create the `/var/opt/oracle` directory if it does not exist:

```
# mkdir /var/opt/oracle
```
3. Change directory as follows, depending on your operating system:
AIX:

```
# cd /etc
```

HP-UX, Solaris, and Tru64 UNIX:

```
# cd /var/opt/oracle
```

4. Enter the following commands to set the appropriate owner, group, and permissions on the `oraInst.loc` file:

```
# chown oracle:oinstall oraInst.loc
# chmod 664 oraInst.loc
```

Preparing a Response File

This section describes the methods that you can use to prepare a response file for use during silent-mode or suppressed-mode installations:

- [Editing a Response File Template](#)
- [Recording a Response File](#)

Editing a Response File Template

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

Note: If you copied the software to a hard disk, the response files are located in the `Disk1/response` directory.

To prepare a response file:

1. Copy the response file from the response file directory to a directory on your system:

```
$ cp /directory_path/response/response_file.rsp local_directory
```

In this example, `directory_path` is the CD-ROM mount point directory or the directory on the DVD. If you have copied the software to a hard drive, you can edit the file in the `response` directory if you prefer.

2. Open the response file in a text editor:

```
$ vi /local_dir/response_file.rsp
```

3. Edit the file, following the instructions in the file.

Note: Oracle Universal Installer or configuration assistant fails if you do not correctly configure the response file. Refer to the ["Silent-Mode Response File Error Handling"](#) section on page B-3 for more information about troubleshooting a failed silent-mode installation.

4. Change the permissions on the file to 700:

```
$ chmod 700 /local_dir/response_file.rsp
```

Recording a Response File

This method is most useful for Custom or software-only installations.

You can use Oracle Universal Installer in interactive mode to record a response file that you can edit and then use to complete silent-mode or suppressed-mode installations. When you are recording the response file, you can either complete the installation, or you can exit from Oracle Universal Installer on the Summary page, before it starts to copy the software to the system.

To record a new response file:

1. Complete the pre-installation tasks listed in respective chapters.

When you run Oracle Universal Installer to record a response file, it checks the system to verify that it meets the requirements to install the software. For this reason, Oracle recommends that you complete all of the required pre-installation tasks and record the response file while completing an installation.

2. If you have not installed Oracle software on this system previously, create the `oraInst.loc` file, as described in the previous section.
3. Ensure that the Oracle software owner user (typically `oracle`) has permissions to create or write to the Oracle home path that you will specify when you run Oracle Universal Installer.
4. To record a response file, enter a command similar to the following to start Oracle Universal Installer:

Note: Do not specify a relative path to the response file. If you specify a relative path, Oracle Universal Installer fails.

```
$ /directory_path/runInstaller -record -destinationFile filename
```

In the previous example:

- `directory_path` is either the CD-ROM mount point directory, the path of the directory on the DVD, or the path of the `Disk1` directory on the hard drive
 - The `-record` parameter specifies that you want to record the responses that you enter in a response file
 - `filename` is the full path and file name of the response file that you want to record
5. On each Installer screen, specify the required information.
 6. When Oracle Universal Installer displays the Summary screen, do one of the following:
 - Click **Install** to create the response file, then continue with the installation.
 - Click **Cancel**, then **Yes** to create the response file but exit from Oracle Universal Installer without installing the software.
- The response file is saved in the location that you specified using the `-destinationFile` option.
7. If you did not complete the installation, delete the Oracle home directory that Oracle Universal Installer created using the path you specified on the Specify File Locations screen.

8. Before using the recorded response file on another system, use a text editor to edit the file and make any required changes.

Use the comments in the file as a guide when editing it.

Running Oracle Universal Installer in Silent or Suppressed Mode

To run Oracle Universal Installer in silent or suppressed mode, follow these steps:

1. Complete the pre-installation tasks listed in the respective chapters.
2. Log in as the Oracle software owner user (typically `oracle`).
3. To start Oracle Universal Installer in silent or suppressed mode, enter a command similar to the following:

Note: Do not specify a relative path to the response file. If you specify a relative path, Oracle Universal Installer fails.

In this example:

- *directory_path* is either the CD-ROM mount point directory, the path of the directory on the DVD, or the path of the `Disk1` directory on the hard drive.
- `-silent` indicates that you want to run Oracle Universal Installer in silent mode.
- `-noconfig` suppresses running the configuration assistants during installation, and a software-only installation is performed instead.
- *filename* is the full path and file name of the installation response file that you configured.

Note: For more information about other options for the `runInstaller` command, enter the following command:

```
$ /directory_path/runInstaller -help
```

Troubleshooting

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

- [Verify Requirements](#)
- [What to Do If an Installation Error Occurs](#)
- [Reviewing the Log of an Installation Session](#)
- [Troubleshooting Configuration Assistants](#)
- [Silent-Mode Response File Error Handling](#)
- [Cleaning Up After a Failed Installation](#)

Verify Requirements

Before performing any of the troubleshooting steps in this appendix, ensure that the system meets the requirements and that you have completed all of the pre-installation tasks specified in respective chapters.

Read the Release Notes

Read the release notes for the product before installing it. The release notes are available on the Oracle Database 10g disc. The latest version of the release notes is also available on the OTN 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:

- Do not exit Oracle Universal Installer.
- If you clicked **Next** after you entered incorrect information on one of the installation screens, 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, refer to the "[Reviewing the Log of an Installation Session](#)" section on page B-2.
- If you encounter an error while a configuration assistant is running, refer to the "[Troubleshooting Configuration Assistants](#)" section on page B-2.
- If you cannot resolve the problem, 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 of the actions that it performs in a log file. If you encounter problems during the installation, review the log file for information about possible causes of the problem.

To view the log file, follow these steps:

1. If necessary, enter the following command to determine the location of the `oraInventory` directory:

AIX:

Other operating systems:

The `inventory_loc` parameter in this file specifies the location of the `oraInventory` directory.

2. Enter the following command to change directory to Oracle Universal Installer log file directory, where `orainventory_location` is the location of the `oraInventory` directory:

```
$ cd /orainventory_location/logs
```

3. Enter the following command to determine the name of the log file:

```
$ ls -ltr
```

This command lists the files in the order of creation, with the most recent file shown last. Installer log files have names similar to the following, where `date_time` indicates the date and time that the installation started:

```
installActionsdate_time.log
```

4. To view the most recent entries in the log file, where information about a problem is most likely to appear, enter a command similar to the following:

```
$ tail -50 installActionsdate_time.log | more
```

This command displays the last 50 lines in the log file.

5. If the error displayed by Oracle Universal Installer or listed in the log file indicates a relinking problem, refer to the following file for more information:

```
$ORACLE_HOME/install/make.log
```

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_HOME/cfgtoollogs` directory. Try to fix the issue that caused the error.
- If you see the "Fatal Error. Reinstall" message, 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 following file:

`oraInventory_location/logs/installActionsdate_time.log`

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, you must remove the current installation and reinstall the Oracle software, as follows:

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.

Silent-Mode Response File Error Handling

To determine whether a silent-mode installation succeeds or fails, refer to the following log file:

`/oraInventory_location/logs/silentInstalldate_time.log`

If necessary, refer to the previous section for information about determining the location of the `oraInventory` 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 configuration assistant validates the response file at run time. If the validation fails, the silent-mode 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. Perform the following steps to remove the files:

1. Start Oracle Universal Installer as described in the ["Running the Oracle Universal Installer"](#) section on page 1-6.

2. Click **Deinstall Products** on the Welcome window or click **Installed Products** on any Installer window.

The Inventory window appears, listing installed products.

3. Select the Oracle home that contains the products that you want to remove, then click **Remove**.
4. Manually remove the Oracle home directory created during the failed installation.
5. Reinstall the Oracle software.

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