Oracle8 Enterprise Edition™

Release 8.0.6 for Windows NT

Part No. A69522-01

ORACLE

Contents

> **Important:** Check the printed *Release Notes* in your kit for any updates that may have been made to these *Installation* instructions.

Included Products

Windows NT

Product	Release	Product	Release
Assistant Common Files	8.0.6.0.0	Oracle Replication Manager	1.6.5.0.0
Java(TM) Runtime Environment	1.1.7.15	Oracle Security Server Manager	2.0.5.0.0
Oracle Administrator Toolbar	1.6.5.0.0	Oracle SNMP Agent	8.0.6.0.0
Oracle Call Interface	8.0.6.0.0	Oracle Web Publishing Assistant	8.0.6.0.0
Oracle Data Migration Assistant	8.0.6.0.0	Oracle Web Server Manager	1.6.0.0.0
Oracle Database Assistant	8.0.6.0.0	Oracle7 Utilities	7.3.4.0.0
Oracle Documentation	8.0.6.0.0	Oracle8 ConText Cartridge Workbench	2.4.5.0.0
Oracle Enterprise Manager	1.6.5.0.0	Oracle8 ConText Cartridge Configuration Manager	2.4.5.0.0
Oracle Enterprise Manager SDK	1.6.5.0.0	Oracle8 ConText Cartridge Demos	2.4.5.0.0
Oracle Installer	3.3.1.2.0	Oracle8 ConText Cartridge I/O Utility	2.4.5.0.0
Oracle Intelligent Agent	8.0.6.0.0	Oracle8 ConText Cartridge System Admin	2.4.5.0.0
Oracle Migration Assistant for Microsoft Access	8.0.6.0.0	Oracle8 ConText Cartridge Viewer	2.4.5.0.0
Oracle Connection Manager	8.0.6.0.0	Oracle8 ConText Cartridge Viewer Cartridge	2.4.5.0.0
Oracle Names Server	8.0.6.0.0	Oracle8 Enterprise Edition	8.0.6.0.0
Oracle Net8 Assistant	8.0.6.0.0	Oracle Parallel Server Option	8.0.6.0.0
Oracle Net8 Client	8.0.6.0.0	Oracle8 ConText Cartridge	2.4.6.0.0

Product	Release	Product	Release
Oracle Net8 Server	8.0.6.0.0	Oracle8 Objects Option	8.0.6.0.0
Oracle LU6.2 Protocol Adapter	8.0.6.0.0	Oracle8 Partitioning Option	8.0.6.0.0
Oracle Named Pipes Protocol Adapter	8.0.6.0.0	Oracle8 Spatial Cartridge	8.0.6.0.0
Oracle SPX Protocol Adapter	8.0.6.0.0	Oracle8 Time Series Cartridge	8.0.6.0.0
Oracle TCP/IP Protocol Adapter	8.0.6.0.0	Oracle8 Visual Information Retrieval Cartridge	8.0.6.0.0
SQL*Net Client	2.3.4.0.2	Oracle8 Enterprise Edition Release Notes	8.0.6.0.0
SQL*Net Server	2.3.4.0.2	Oracle8 JDBC Drivers	8.0.6.0.0
Oracle LU6.2 Protocol Adapter	2.3.4.0.0	Oracle8 ODBC Driver	8.0.6.0.0
Oracle Named Pipes Protocol Adapter	2.3.4.0.0	Oracle8 Performance Utility	8.0.6.0.0
Oracle SPX Protocol Adapter	2.3.4.0.0	Oracle8 Spatial Data Utilities	8.0.6.0.0
Oracle TCP/IP Protocol Adapter	2.3.4.0.0	Oracle8 Utilities	8.0.6.0.0
Oracle Object Type Translator	8.0.6.0.0	Required Support Files	7.3.4.0.0
Oracle Objects for OLE	8.0.6.3.5	Required Support Files	8.0.6.0.0
Oracle8 Image Cartridge	8.0.6.0.0	SQL*Plus	8.0.6.0.0

Windows 95/98

Product	Release	Product	Release
Assistant Common Files	8.0.6.0.0	Oracle Objects for OLE	8.0.6.3.5
Java Runtime Environment	1.1.7.15	Oracle Replication Manager	1.6.5.0.0
Oracle Administrator Toolbar	1.6.5.0.0	Oracle Security Server Manager	2.0.5.0.0
Oracle Call Interface	8.0.6.0.0	Oracle Web Server Manager	1.6.0.0.0
Oracle Data Migration Assistant	8.0.6.0.0	Oracle7 Utilities	7.3.4.0.0
Oracle Documentation	8.0.6.0.0	Oracle8 ConText Cartridge Workbench	2.4.5.0.0
Oracle Enterprise Manager	1.6.5.0.0	Oracle8 ConText Cartridge Configuration Manager	2.4.5.0.0
Oracle Enterprise Manager SDK	1.6.5.0.0	Oracle8 ConText Cartridge Demos	2.4.5.0.0
Oracle Installer	3.3.1.2.0	Oracle8 ConText I/O Utility	2.4.5.0.0
Oracle Migration Assistant for Microsoft Access	8.0.6.0.0	Oracle8 ConText System Admin	2.4.5.0.0
Oracle Net8 Assistant	8.0.6.0.0	Oracle8 ConText Cartridge Viewer	2.4.5.0.0
Oracle Net8 Client	8.0.6.0.0	Oracle8 ConText Cartridge Viewer Cartridge	2.4.5.0.0
Oracle Named Pipes Protocol Adapter	8.0.6.0.0	Oracle8 Enterprise Edition Release Notes	8.0.6.0.0
Oracle SPX Protocol Adapter	8.0.6.0.0	Oracle8 JDBC Drivers	8.0.6.0.0
Oracle TCP/IP Protocol Adapter	8.0.6.0.0	Oracle8 ODBC Driver	8.0.6.0.0
Oracle Named Pipes Protocol Adapter	8.0.6.0.0	Oracle8 Utilities	8.0.6.0.0
Oracle SPX Protocol Adapter	8.0.6.0.0	Required Support Files	7.3.4.0.0
Oracle TCP/IP Protocol Adapter	8.0.6.0.0	Required Support Files	8.0.6.0.0
SQL*Net Client	2.3.4.0.2	SQL*Plus	8.0.6.0.0
Oracle Object Type Translator	8.0.6.0.0		

Pre-Installation

1. Review the printed *Release Notes* for the latest updates.

2. Review the READMES.HTM file at the top of the CD-ROM. This file contains links to all README files on the CD-ROM.

3. Install and test your network hardware and software.

4. Decide which installation type you want to perform:

For this Installation Type...	Review...
Install Oracle8 Enterprise Edition on a system containing no previous version.	This document.
Upgrade Oracle8 Enterprise Edition from a previous release of Oracle8 Enterprise Edition.	Chapter 7 "Installing, Migrating, and Upgrading" of *Oracle8 Enterprise Edition Getting Started for Windows NT* and this document.
Migrate to Oracle8 Enterprise Edition from a previous version of Oracle7 Server.	Chapter 7 "Installing, Migrating, and Upgrading" of *Oracle8 Enterprise Edition Getting Started for Windows NT* and this document.
Install Oracle8 Enterprise Edition into multiple Oracle homes or into the same Oracle home as Oracle7 Server.	Chapter 7 "Installing, Migrating, and Upgrading" and Chapter 6 "Using Multiple Oracle Homes" of *Oracle8 Enterprise Edition Getting Started for Windows NT*, and this document.

> **Attention:** Two Oracle8 Enterprise Edition for Windows NT versions *cannot* co-exist in the same home directory if they are the same major release (for example, releases 8.0.6 and 8.0.4) because they depend on common files; one overwrites the other. Starting with release 8.0.4, they can be installed in separate Oracle homes.

> **Important:**   If you purchased Oracle Web Application Server, install the Oracle Web Application Server CD-ROM first. If you attempt to install the Oracle Web Application Server CD-ROM after installing Oracle8 Enterprise Edition, dialog boxes appear asking if you want to downgrade the software components. Answer No to these messages. Also, Oracle Web Application Server must be installed and running prior to installing Oracle8 ConText Cartridge Viewer Cartridge and/or Oracle8 ConText Configuration Manager.

System Requirements

Hardware Requirements

Oracle8 Enterprise Edition requires the following hardware:

Windows NT Server	Windows NT and Windows 95/98 Clients
Personal computer based on a Pentium processor. Multi-processor computers are also supported.	Personal computer based on an Intel 80486 processor or higher.
48 MB RAM	**Windows NT:** 16 MB RAM for Application User 32 MB RAM for Database Administrator **Windows 95/98:** 8 MB RAM for Application User 24 MB RAM for Database Administrator
Installed and functioning network.	Installed and functioning network.

Windows NT Server	Windows NT and Windows 95/98 Clients
Oracle8 Recovery Manager requires a media management layer such as Legato Storage Manager, which is included on this CD-ROM. Legato Storage Manager requires: ■ 32 MB RAM ■ 64 MB hard disk space ■ an additional 5% of total backup data or 100 MB for online indexes. **Note:** The Legato documentation is included on the CD-ROM in the LEGATO\DOCS directory. The *Legato Storage Manager Administrator's Guide* is not included in the Oracle online documentation library. It is included in a file named README.TXT in the LEGATO\DOCS directory of the CD-ROM.	
Hard disk space: ■ 200 MB minimum hard disk space is recommended ■ Additional hard disk space: 60 MB Oracle ConText Cartridge 1 MB Oracle8 Spatial Cartridge 6 MB Oracle Time Series Cartridge 1 MB Oracle Visual Information Retrieval Cartridge 1 MB Oracle Image Cartridge 5 MB Oracle Parallel Server Option 1 MB Oracle8 Partitioning Option 1 MB Oracle8 Objects Option To find out how much disk space is required by each product, select the product in the *Software Asset Manager*[1] window, and view the disk space requirements in the information field.	**Hard disk space:** 120 MB recommended for Application User 155 MB recommended for Database Administrator To find out how much disk space is required by a product, select the product in the *Software Asset Manager*[1] window, and view the disk space requirements in the information field.

Software Requirements

Oracle8 Enterprise Edition requires the following software:

Windows NT Server	Windows NT and Windows 95/98 Clients
Windows NT Workstation 4.0 Windows NT Server 4.0 or Windows NT Server, Enterprise Edition 4.0	Windows NT Workstation 4.0 Windows NT Server 4.0 Windows NT Server, Enterprise Edition 4.0 or Windows 95/98
A frames and Java-enabled Web browser	A frames and Java-enabled Web browser
You must install Oracle8 Objects Option, if you want Oracle8 Image Cartridge, Oracle8 Time Series Cartridge, or Oracle8 Visual Information Retrieval Cartridge to function correctly.	
Oracle Web Server 2.1*x*, Oracle Web Application Server 3.*x*, or Oracle Application Server 4.*x* must be installed and running *before* installing the Oracle8 ConText Option Workbench components, the Viewer Cartridge, and Configuration Manager (available by Custom Installation only).	

Additional Requirements

Before installation, check the Oracle Enterprise Manager pre-installation requirements:

Oracle Enterprise Manager

Before installing the new version of Oracle Enterprise Manager:

1. Ensure that you have closed older versions of Oracle Enterprise Manager Administrator Toolbar (if they exist on your system).

2. De-install any previous version of Oracle Enterprise Manager to remove unnecessary files.

Products Available for Installation

Oracle Installer enables you to install, update, and remove Oracle**8** Enterprise Edition products quickly. When you run Oracle Installer, a dialog box displays installation options. When you select an option, a group of products is automatically installed. The options that display depend upon the operating system you are using.

If Using...	These Installation Options Are Available...
Windows NT	Oracle8 Enterprise Edition Oracle8 Client Custom Installation
Windows 95/98	Oracle8 Client Custom Installation

The following tables list the components included in each option. The Custom Installation option enables you to selectively install from a list of *all* products available for your operating system. See Chapter 2 of *Oracle8 Enterprise Edition Getting Started for Windows NT* for descriptions of each product.

Oracle8 Enterprise Edition Products

The following products are installed if you select the Oracle8 Enterprise Edition option:

Oracle8 Enterprise Edition	Oracle Intelligent Agent
Oracle8 Utilities	Oracle Database Assistant
Oracle8 Enterprise Edition Cartridges[1] and Options	Oracle Migration Assistant for Microsoft Access
Oracle Call Interface	Oracle Data Migration Assistant

Oracle Enterprise Manager Products and Administrator Toolbar	Net8 Client and Net8 Server (including Net8 Assistant, Net8 Easy Config, Oracle Names Server, Oracle Connection Manager, and Oracle Protocol Adapters)
SQL*Plus	Oracle Web Publishing Assistant
Oracle Objects for OLE	Oracle8 Performance Utility
Oracle8 ODBC Driver	Oracle Documentation
Oracle8 Enterprise Edition Release Notes	Oracle Installer
Assistant Common Files	Java Runtime Environment
Oracle Replication Manager	

[1] The Oracle8 Cartridges and Options are not automatically installed. You must selectively install the Oracle8 Cartridges and Options for which you are licensed when prompted during installation.

Oracle8 Client Products

When you select the Oracle8 Client option, you are prompted to install either of two suboptions:

- Application User
- Database Administrator

The products automatically installed with each suboption are listed below:

Product	Application User?	Database Administrator?
Oracle8 Utilities	No	Yes
Oracle Object Type Translator	No	Yes
Oracle Call Interface	No	Yes
Oracle Enterprise Manager Products and Administrator Toolbar	No	Yes
Net8 Client (including Net8 Assistant and Oracle Protocol Adapters)	Yes	Yes
SQL*Plus	Yes	Yes
Oracle Objects for OLE	Yes	Yes
Oracle8 ODBC Driver	Yes	Yes
Oracle Documentation	Yes	Yes
Assistant Common Files	Yes	Yes
Oracle Trace Collection Services	Yes	Yes
Java Runtime Environment	Yes	Yes
Oracle Installer	Yes	Yes
Oracle8 Enterprise Edition Release Notes	Yes	Yes
Required Support Files	Yes	Yes
Oracle Web Publishing Assistant	No	Yes[1]

Product	Application User?	Database Administrator?
Oracle Migration Assistant for Microsoft Access	No	Yes
Oracle Replication Manager	No	Yes

[1]On Windows NT only.

Note: Although the CD-ROM in your kit contains many Oracle products, you are only allowed to install those products for which you are licensed.

Install Products on Windows NT and Windows 95/98

If you click Cancel in any Oracle Installer dialog box, Oracle Installer exits.

To install Oracle products:

1. Start your operating system. If you are running Windows NT, log on to your Windows NT server as a member of the Administrators group.

2. Stop all Oracle applications (if any are running).

3. If installing on Windows NT, stop all Oracle services (if any are running). To stop services:

   a. From the Control Panel, select the Services icon.

    b. If any Oracle services exist and have the status *Started*, select the service, and click Stop.

    c. Click Close to exit the *Services* window.

4. Insert the Oracle8 Enterprise Edition for Windows NT CD-ROM.

The operating system automatically detects your Oracle8 Enterprise Edition for Windows NT CD-ROM. The *Oracle8 Enterprise Edition -Autorun* dialog box appears and prompts you to make a selection:

- Begin Installation
- Browse Information
- Explore CD

5. Choose Begin Installation.

> **Note:** Each time you insert your CD-ROM, the process described in Step 4 occurs. To restart Oracle Installer without removing and re-inserting your CD-ROM, select the drive to which the CD-ROM is mapped, and double-click SETUP.EXE.

The *Oracle Installation Settings* dialog box appears.

6. Specify a company name, Oracle home name, Oracle home location, and Oracle home language where:

Field	Description
Company Name	name of the company to which this copy of Oracle software is licensed.
Oracle Home Name	name you want to use for this Oracle Home. If this is the first time you are installing Oracle products on this computer, Oracle Corporation recommends you accept the default home name, DEFAULT_HOME. DEFAULT_HOME is also the Oracle name used for previous installations of Oracle software on your computer. The Oracle Home name must be 1 to 16 characters long, and can only include alphanumeric characters and underscores.
Oracle Home Location	subdirectory under which you want the products for this Oracle home to be installed. The default value for the home location on a computer on which no other Oracle products are installed is the largest available local drive.
Oracle Home Language	the language you want to use to install and run Oracle products. The default language, English, is installed in addition to any other language you select.

7. Click OK.

The *Select Installation Options* dialog box appears.

8. Select an installation option, then click OK.

For the Installation Option....	See Section...
Oracle8 Enterprise Edition (*Windows NT only*)	"Oracle8 Enterprise Edition" on page 17
Oracle8 Client (*Windows NT or Windows 95/98*)	"Oracle8 Client" on page 21
Custom Installation	"Custom Installation" on page 21

Oracle8 Enterprise Edition

The *Select Cartridges and Options* dialog box displays the following Oracle database cartridges and options:

- Oracle Parallel Server Option

- Oracle8 ConText Cartridge

- Oracle8 Image Cartridge

- Oracle8 Objects Option

- Oracle8 Partitioning Option

- Oracle8 Spatial Cartridge

- Oracle8 Time Series Cartridge

- Oracle8 Visual Information Retrieval Cartridge

1. Select the cartridge(s) or option(s) for which you are licensed, then click OK.

Warning: If you select the Parallel Server Option, a dialog box appears allowing you to continue the installation with/without the Parallel Server Option. You cannot start any of your Oracle services until you have a vendor-supplied Operating System Dependent (OSD) layer, fully certified by Oracle, installed.

Note: If Oracle detects an Oracle7 version of the database on your hard drive, it asks if you want to migrate your database to Oracle8 Enterprise Edition for Windows NT. If you select Yes:
1. You are *not* prompted to select a type of database to install.
2. Oracle Data Migration Assistant starts at the end of installation and migrates your Oracle7 database to Oracle8 Enterprise Edition for Windows NT.

The *Select a Starter Database Configuration* dialog box appears.

2. Select the type of database you want to install, then click OK.

Database Type	This Option...
Typical Configuration	Installs a ready-to-use starter database with the following settings: ■ Database name of ORC*x*. ■ System Identifier (SID) of ORCL for the first starter database on your computer. Additional starter databases use the naming convention ORC*x* or OR*xx* where *x* is a number appended to ensure the SID is unique. ■ INTERNAL password of ORACLE. ■ Capability to perform symmetric, update-anywhere replication. Any Oracle database cartridges that you selected are also included in the starter database.
Custom Configuration	Starts Oracle Database Assistant at the end of the installation process. This assistant helps you create a Typical or Custom database. The Typical option creates a standard database using default initialization parameter settings. The Custom option is only for users familiar with advanced database creation procedures. See the chapter "Creating a Database", in *Oracle8 Enterprise Edition Getting Started for Windows NT* for additional information.
None	Does *not* create a database, but you may create your own database later. All other server components are installed. The None option is only for users familiar with advanced database creation procedures. If you intend to install the Oracle Parallel Server option, you must choose None.

The *Installing Legato Storage Manager* dialog box appears.

3. Click Yes if you want to install Legato Storage Manager. Otherwise, click No. If you do not choose to install Legato Storage Manager during this installation, you can only

install it manually after you have installed the Oracle**8** product. See

The *Installing Oracle Documentation* dialog box appears.

4. Select to install Oracle**8** HTML documentation on your hard drive or leave it on your CD-ROM, then click OK.

Oracle**8** Enterprise Edition installation continues. A progress bar appears, indicating the percentage completion of the installation. The *Installation Completed* dialog box appears.

5. Click Yes to view the documentation, or click No to exit Oracle Installer.

6. If you selected the Oracle**8** Cartridge option *and* you selected to install a starter database, a dialog box appears informing you that using this option requires loading data into the database. To do this, run the Oracle Database Assistant and choose the modify option, or see *Oracle8 Enterprise Edition Getting Started for Windows NT* for manual configuration instructions.

Oracle8 Client

The *Select Oracle8 Client Configuration* dialog box displays the Application User and Database Administrator suboptions.

1. Select a suboption, then click OK.

   The *Installing Oracle Documentation* dialog box appears.

2. Select to install Oracle8 HTML on your hard drive or leave it on your CD-ROM, then click OK.

   Installation continues. A progress bar appears, indicating the percentage completion of the installation. The *Installation Completed* dialog box appears.

3. Click Yes to view the documentation, or click No to exit Oracle Installer.

Custom Installation

The *Software Asset Manager* window displays all products and packages available for installation:

1. Select the products or packages to install.

   The products or packages available to install are listed on the left side of the window. The Oracle products you have already installed appear on the right side of the window.

To see a brief description of a component, click the name of that component.

To select multiple products for installation, press the CTRL key as you make your selections.

2. Click Install to install the product(s) or package(s) you have selected.

3. Provide appropriate responses to any dialog boxes that appear.

Custom Installation continues. A progress bar appears, indicating the percentage completion of the installation.

4. To exit Oracle Installer, click Exit from the *Software Asset Manager* window and then click Yes.

LSM Administrator GUI

If you want to administer the Legato Storage Manager server from a Windows NT client system, you need to install the LSM Administrator GUI software (included on this CD-ROM) on the Windows NT client system. For instructions on how to install the LSM Administrator GUI, see *Oracle8 Enterprise Edition Release Notes for Windows NT*.

Legato Storage Manager

Updating Legato Storage Manager

To update to a newer version of Legato Storage Manager on your Windows NT system, follow these steps:

1. Perform a partial removal of Legato Storage Manager by using the procedure in "Removing Legato Storage Manager" on page 27 and selecting Partial Removal.

2. Install the updated version of Legato Storage Manager software using the procedure in "Installing Legato Storage Manager Manually" on page 23.

Installing Legato Storage Manager Manually

You must install Legato Storage Manager manually if you have not already installed it during the installation of Oracle**8** Enterprise Edition for Windows NT.

To install Legato Storage Manager manually:

1. Log on to the computer as a member of the Administrator's group of Windows NT.

2. Stop the Oracle service, OracleService*SID:*

    a. Choose Start > Settings > Control Panel.

    b. Double-click Services.

    c. Select OracleService*SID*, and click Stop.

    d. Click Close to exit from the *Services* window.

3. Insert the Oracle8 Enterprise Edition for Windows NT CD-ROM into your CD-ROM drive. The Autorun page appears.

   If the Autorun page does not appear, you must:

    a. Choose Start > Programs > Windows NT Explorer. The Windows NT Explorer starts.

    b. Click the CD-ROM icon.

    c. Click the \WIN32\AUTORUN folder icon.

    d. Click AUTORUN.EXE.

4. Click Explore CD and navigate to the LEGATO folder, and double-click the LSMINST.EXE file icon.

   When the installation is complete, Legato Storage Manager is installed in the C:\WIN32APP\NSR directory by default. The interface file ORASBT.DLL is installed in the C:\WINNT\SYSTEM32 directory.

> **Important:** Running LSMINST.EXE installs Legato Storage
> Manager (LSM) in C:\WIN32APP\NSR by default. If you do not
> want LSM installed in this directory due to insufficient space, lack
> of a C: drive, and so on, follow these instructions:
>
> - Copy the entire LEGATO directory from the CD-ROM to the
>   drive in which you want to install LSM.
> - Modify the SERVER.ISS file located in the LEGATO directory.
>   Change "Path=C:\WIN32APP\NSR\" to
>   "Path=<*drive*>:<*pathname*>". You can change either the drive
>   name (from the default C) or the directory pathname (from
>   the default \WIN32APP\NSR\) or both. The Path must end
>   with \NSR and must not contain any spaces. Save the
>   updated SERVER.ISS file.
> - Double-click the LSMINST.EXE file icon.
>
> Follow the instructions below to verify the installation.

5. Verify that Legato services have started:

   a. Choose Start > Settings > Control Panel.

   b. Double-click Services.

   c. Check that the Status of the following services is marked
      Started:

      ```
      NetWorker Backup and Recover Server
      Storage Management Portmapper
      NetWorker Remote Exec Service
      ```

6. Add the Legato Storage Manager installation directory to your system search path:

   a. Open the Control Panel.

   b. Double-click System.

   c. Click the Environment tab.

   d. Select Path from the System Variables list box.

   e. Add to the Value field:

   `;C:\WIN32APP\NSR\BIN`
   where the semicolon (;) separates the new entry from the existing entries. If you installed Legato Storage Manager in a non-default drive or directory, replace C:\WIN32APP\NSR\BIN above with the correct drive and pathname, where the pathname always ends in \BIN.

   f. Click Set.

   g. Click OK.

   h. Restart your computer for all changes to take effect.

   Additional Information: See the "Media Management" section of the Legato Storage Manager README for Windows NT in the LEGATO\DOCS\README.TXT file for storage device configuration information.

Removing Legato Storage Manager

> **Important:** Do not remove your indexes if you are upgrading from the Legato Storage Manager to a Legato NetWorker BusinesSuite Module for Oracle. Select Partial Removal. Make sure that you have a recent, full backup of the file indexes (*NSR**INDEX*), server resource files (*NSR**RES*), and media database (*NSR**MM*) available. See the *Installation Guide* for the Legato NetWorker BusinesSuite Module for Oracle version to which you are upgrading.

To remove Legato Storage Manager:

1. Choose Start > Programs > NetWorker Group > Uninstall NetWorker.

2. Select either Complete Removal or Partial Removal.

> **Note:** Select Complete Removal only if you want to remove all your database, index, and resource files.

The NetWorker Uninstaller removes Legato Storage Manager from your system.

3. Remove the interface file, ORASBT.DLL, from the C:\WINNT\SYSTEM32 directory, where WINNT is the installation directory for Windows NT.

Remove Oracle Products

To remove Oracle products:

1. Stop all Oracle services.

2. Start Oracle Installer.

3. The Installed Products field displays in the right portion of the *Software Asset Manager* window.

4. Select the product(s) you want to remove from the Installed Products field.

5. Click Remove.

   Oracle Installer warns you of any product dependencies that can cause problems if particular products are removed, and prompts you to confirm the de-installation.