

# **Toad<sup>®</sup> for Oracle 11.5**

Installation Guide

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Toad for Oracle 11.5  
Installation Guide  
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# Installation Requirements

## System Requirements

Before installing Toad, ensure your system meets the following minimum hardware and software requirements:

Memory	<p>1 GB RAM required</p> <p><b>Note:</b> The memory required may vary based on the following:</p> <ul style="list-style-type: none"> <li>• Applications that are running on your system</li> <li>• Size and complexity of the database</li> <li>• Amount of database activity</li> <li>• Number of concurrent users accessing the database</li> </ul>
Hard Disk Space	88 MB
Operating System	<p>Windows Server 2003 (32-bit and 64-bit)</p> <p>Windows XP (32-bit and 64-bit)</p> <p>Windows Vista (32-bit and 64-bit)</p> <p>Windows Server 2008 (32-bit and 64-bit)</p> <p>Windows Server 2008 R2 (64-bit)</p> <p>Windows 7 (32-bit and 64-bit)</p> <p><b>Note:</b> When running on a 64-bit operating system, you must use the 32-bit Oracle Client.</p>
Database Client	<p>Oracle Client 9.2.0.8</p> <p>Oracle Client or Instant Client 10.2.0.3/10.2.0.4</p> <p>Oracle Client or Instant Client 11.2.0.1</p> <p><b>Note:</b> Only the 32-bit Oracle client is supported.</p>
Database Server	<p>Oracle 8.0.6; 8.1.7; 9i; 9i R2; 10g R1; 10g R2; 11g R1, 11g R2</p> <p>Toad has been tested on Oracle Exadata 2.0 running Oracle database 11g R2.</p> <p><b>Important:</b> It is recommended that your client version be of the same release (or later) as your database server. This is an Oracle recommendation to prevent performance issues.</p>
Cloud	Oracle databases running on Amazon EC2

Database Service	
IPv6	Internet Protocol Version 6 (IPv6) is being adopted by the US Federal Government and industries around the world. In its most basic format, the new protocol uses 128-bit addresses instead of 32-bit addresses used by the current IPv4 to route packets over the Internet. Toad for Oracle features such as FTP access the Internet through third-party vendors such as /nSoftware's IP*Works that are IPv6 compliant. For access to Web sites by way of the Toad Online window, Toad simply invokes the user-defined or default Web browser.
Additional Software	Microsoft Internet Explorer 6.0 or later (to view the <i>Release Notes</i> ) Adobe Acrobat Reader 7.0 or later (to view the <i>Installation Guide</i> )

## Virtualization Support

Before installing Toad, review the following for virtualization support:

Application Virtualization	Citrix XenApp 5.0 has been tested.
Desktop Virtualization (VDI)	Quest vWorkspace 7.0 has been tested.
Server Virtualization	VMware ESX Server 3.5 has been tested.
<b>Note:</b> Toad may work in virtualization environments other than the ones listed.	

## Required Windows Privileges

In order to install and run Toad for Oracle, make a connection, and do basic operations, you must have the following privileges:

Operating System	Requirements
Windows XP Windows Server	<ul style="list-style-type: none"><li>• Read access to the Oracle client folder</li><li>• Read/write privileges on the Oracle homes directories that you use for your connections</li><li>• Be a Power User or Administrator</li></ul>
Windows Vista Windows 7	<ul style="list-style-type: none"><li>• Read access to the Oracle client folder</li><li>• Read/write privileges on the Oracle homes directories that you use for your connections</li><li>• If UAC (user account control) is enabled, you must have administrator privileges</li></ul>
<b>Note:</b> Other functionality in Toad may require additional privileges.	

## Install Toad

### Install or Upgrade Toad

When you install Toad you can also install the additional applications that come with your Toad Bundle, such as SQL Optimizer (SQL Tuning), Knowledge Xpert, or Toad Data Modeler.

If you already have Toad installed and you run the installer for a newer version, Toad automatically imports your settings files.

**Caution:** If you also have the freeware version of Toad, you should not install the commercial version over the freeware version. This will adversely affect some functions. Install the commercial version in a different directory from the freeware version.

#### Notes:

- Toad supports importing settings only if the new version is within two releases of the previous version. If your versions are more than two releases apart, you need to install an intermediate version to successfully import the files.
- If you need to import your Toad settings from another computer, you can manually import the settings. See "Manually Import Toad Settings" (page 9) for more information.

#### *To install Toad for Oracle*

1. Run the Toad bundle installation program from the DVD or download file.
2. Complete the wizard.

**Note:** On the Read-Only Installation page, select whether to install Toad as a typical install with all features enabled, or whether you want to install as read-only. In read-only mode, you cannot create, alter, or drop database objects.

### Install Toad on Citrix or Remote Desktop Services Systems

All user files are stored in a user\_name directory. When a user opens Toad for the first time, Toad copies the contents of this folder to the user's associated Application Data folder for Toad.

**Note:** Write access is required to the Oracle directory if any of the users want to edit the tnsnames.ora file by using the TNSNames Editor.



### *To install Toad on a Citrix/Remote Desktop Services system*

1. Connect to the system as an administrator.
2. Copy Toad to the Citrix/Remote Desktop Services server, if required.
3. Install Toad.
4. Right-click Toad.exe and select **Properties**. Make sure the **Allow non-administrators to run this program** option is selected under **Compatibility | User Account Privileges**.
5. Repeat steps 2 through 4 for each server in the Citrix/Remote Desktop Services farm.

**Note:** Although you must install Toad on every server in the farm, you only need to publish Toad once.

## Uninstall Toad

When you use Toad, you create new Toad files such as SQL scripts, data output, or temp files. When you run uninstall, Toad has no way of knowing what those files are, so it does not remove files that you have created. You must manually delete them.

### *To uninstall Toad*

- » From **Start | Programs | Quest Software | Quest Installer**, select the Quest Installer, and then follow the instructions for uninstalling the appropriate program.

## Manually Import Toad Settings

Toad automatically imports your previous settings when you upgrade to a new version. However, there are cases when you may need to manually import your Toad settings.

If you just need to import your connection settings or saved SQL, Toad has features that allow you to easily import and export them from one copy of Toad to another. Review the following topics in the online help for additional information:

- Import/Export Connection Settings
- Import/Export Saved SQL

📺 Watch the [Manually Importing Toad for Oracle Settings](#) video on [Quest's video channel](#).

**Note:** Toad supports importing settings only if the new version is within two releases of the previous version. If your versions are more than two releases apart, you need to install an intermediate version to successfully import the files.

## Import Settings

If you are installing a new version of Toad on the same computer that has your previous Toad version already installed, Toad automatically imports your settings. Complete the procedure

below if your old settings are *not* located on the same computer.

*To import settings from another computer*

1. On your old computer, open Windows Explorer and locate the Toad settings folder.


**Tip:** To find the settings folder, select **View | Toad Options | General**. The folder location is listed in the **Application data directory** field.

2. Copy the folder to the new computer, a network it can connect to, or a storage device.

3. Install and open Toad on the new computer.

**Note:** You need your license key to complete this step.

4. Select **Utilities | Copy User Settings** in the main Toad toolbar. .

5. Click  and navigate to the copied folder.

**Note:** You can also select **Utilities | Copy User Settings** to select **Create a clean set of user files from the base installation**.

## Silently Install Toad

### About Installing Silently

In order to perform a silent install, you must first extract the MSI file from the Quest Installer. Once the extraction completes, you can easily install through the silent install batch file, or install through the command line.

**Note:** You do not need to install the Quest Installer on any of the computers where you are silently installing Toad products. The Quest Installer is only used to extract the required MSI files.

#### *To install silently*

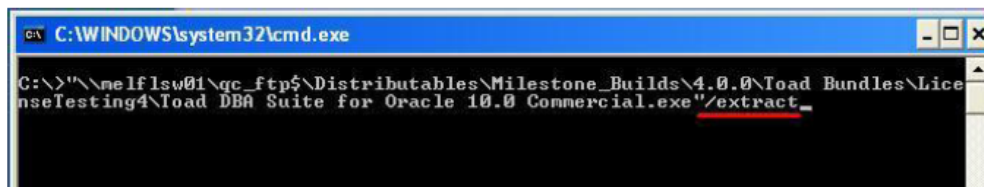
1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 11) for more information.
2. Silently install the product. Select one of the following options:

Run silent install batch file	Run SilentInstall.bat to install the product. This file is located with the extracted MSI files.  This is the easiest option to install silently. It uses all of the default options.
Install through command line	Execute command-line parameters to install.  This option allows you to change the parameters to fit your environment or standards, such as installing to a different directory. See "Install Toad for Oracle through Command Line" (page 12) for more information.

### Extract MSI Files

#### *To extract MSI files from the Quest Installer*

1. Run your Toad bundle from the command prompt, including the correct path to the directory where it resides and the `/extract` parameter. Since the executable contains spaces, remember to include quotation marks. For example:



2. Complete the wizard. Review the following for additional information:

Product Selection Page	Description
Select the product you want to extract	Verify that all the products you want to extract display in this list. If a product does not display, you should start over and select an edition that contains all the files.
Finish Page	Description
"specified location" link	Click this link to open the directory where your files have been extracted. This directory also includes the silent installation batch file (SilentInstall.bat).  The batch file contains the commands to silently install all the products that you selected from the relative path. The install requires the applicable directories from the locations that you extract to and installs each product to the default directory.
"Readme.txt" link	Click this link to open the extraction log as well as the command-line parameters that are needed to perform default installations of the products. This file also defines the order in which the products need to be installed to satisfy the dependencies between the products.  This option allows you to change the parameters to fit your environment or standards, such as installing to a different directory. See "Install Toad for Oracle through Command Line" (page 12) for more information.

## Install Toad for Oracle through Command Line

### *To silently install Toad for Oracle through the command line*

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 11) for more information.
2. Enter an install command similar to the following:

```
msiexec /i "<path to msi file>\ToadforOracle_
version.msi">"INSTALLDIR="<installation folder>"
```

```
ADDLOCAL=Client,Server/q /l*v <path to install log, including file name>
```

For example:

```
msiexec /i "C:\Documents and Settings\Johndoe\desktop\ToadforOracle11.5.exe" INSTALLDIR="C:\Programs\Quest Software\Toad for Oracle" ADDLOCAL=Client,Server/q /l*v "C:\install.log"
```

## Command-Line Parameters (Toad for Oracle)

You can use the following parameters to silently install Toad for Oracle:

Option	Parameter	Description
/l	Package ProductCode	Installs or configures the product.
/f	[p o e d c a u m s v] Package ProductCode	Repairs the product. This option ignores any property values entered in the command-line. The default argument list for this option is 'omus.' The following options are available: <ul style="list-style-type: none"> <li>• p—Reinstalls only if a file is missing.</li> <li>• o—Reinstalls if a file is missing or an older version is installed.</li> <li>• e—Reinstalls if a file is missing or an equal or older version is installed.</li> <li>• d—Reinstalls if a file is missing or a different version is installed.</li> <li>• c—Reinstalls if a file is missing or the stored checksum does not match the calculated value. This option only repairs files that have msidbFileAttributesChecksum in the Attributes column of the File table.</li> <li>• a—Forces all files to be reinstalled.</li> <li>• u—Rewrites all required, user-specific registry entries.</li> <li>• m—Rewrites all required, computer-specific registry entries.</li> </ul>

Option	Parameter	Description
		<ul style="list-style-type: none"> <li>• s—Overwrites all existing shortcuts.</li> <li>• v—Runs from source and re-caches the local package. Do not use this option for the initial installation of the product or feature.</li> </ul>
/a	Package	Installs the product on the network.
/x	Package/ProductCode	Uninstalls the product.
/l	[i w e a r u c m o p v x + !*] Logfile	Writes logging information to a logfile in the specified path. The path to the logfile location must already exist. The installer does not create the directory structure for the logfile. Flags indicate which information to log. If no flags are set, the default is 'iwearmo.' The following options are available: <ul style="list-style-type: none"> <li>• i—Status messages.</li> <li>• w—Nonfatal warnings.</li> <li>• e—All error messages.</li> <li>• a—Start up of actions.</li> <li>• r—Action-specific records.</li> <li>• u—User requests.</li> <li>• c—Initial UI parameters.</li> <li>• m—Out-of-memory or fatal exit information.</li> <li>• o—Out-of-disk-space messages.</li> <li>• p—Terminal properties.</li> <li>• v—Verbose output.</li> <li>• x—Extra debugging information. Only available on Windows Server 2003.</li> <li>• +—Append to existing file.</li> <li>• !—Flush each line to the log.</li> <li>• "*"—Log all information except for the v and x options. To</li> </ul>

Option	Parameter	Description
		<p>include the v and x options, enter "/I*vX".</p>
/q	n b r f	<p>Sets the user interface level. Review the following options:</p> <ul style="list-style-type: none"> <li>• q, qn—No UI</li> <li>• qb—Basic UI. Use qb! to hide the Cancel button.</li> <li>• qr—Reduced UI with no modal dialog box displayed at the end of the installation.</li> <li>• qf—Full UI and any authored FatalError, UserExit, or Exit modal dialog boxes at the end.</li> <li>• qn+—No UI except for a modal dialog box displayed at the end.</li> <li>• qb+—Basic UI with a modal dialog box displayed at the end. The modal box does not display if you cancel the installation. Use qb+! or qb!+ to hide the Cancel button.</li> <li>• qb- —Basic UI with no modal dialog boxes. Note that /qb+- is not a supported UI level. Use qb-! or qb!- to hide the Cancel button.</li> </ul> <p><b>Note:</b> The ! option is available with Windows Installer 2.0 and works only with basic UI. It is not valid with the full UI.</p>
RESTRICTIONS	p	<p>Prevents users from saving their connection password by disabling the <b>Save password</b> field in the Database Login window. For example:          RESTRICTIONS=p</p>

## Install Patches Silently

If you already have Toad installed and want to upgrade silently, you must include `REINSTALLMODE=vo REINSTALL=ALL` in the command. If these parameters are not included, the MSI registers that Toad is already installed and does not upgrade it.

For example, if you are currently in the directory where the MSI resides, entering the following command installs to the standard location:

```
msiexec.exe /i <path to msi file>\ToadforOracle<version>SetupFull.msi>  
REINSTALLMODE=vo REINSTALL=ALL
```

You can also set additional parameters or run the MSI from a location other than the active directory. For example:

```
msiexec /i "C:\Documents and Settings\johndoe\desktop\  
ToadforOracleSetupFull.msi REINSTALLMODE=vo REINSTALL=ALL  
INSTALLDIR="C:\Programs\Quest Software\Toad for Oracle\" /q /l*v  
"C:\install.log"
```

## Uninstall Toad for Oracle through Command Line

*To silently uninstall Toad through the command line*

- » Enter a command similar to the following:

```
msiexec /x "<path to msi file>\ToadforOracle_<version>.SetupFull.msi"> /q
```



# Group Policy Manager

## About Group Policy Manager

The Toad Group Policy Manager is a free utility which is currently available with a licensed copy of Toad for Oracle. Quest Software reserves the right to remove, change or alter this utility at any time.

It is strongly recommended that you read all of the Group Policy Editor documentation before deploying this feature. Group Policy Editor documentation can be found in the Group Policy Editor Help file, or in the GrpPlcyEdtr.pdf file, both of which are installed when you install the Group Policy Editor.

The Group Policy Manager functionality consists of the following parts, which do not have to reside on the same computer:

- Group Policy Server—Windows service that controls delivery of policy files to individual Toad instances.
- Group Policy Editor—Setup groups and policies and publish policies to the policy server. This should be installed on the administrator's computer.
- Toad Policy files—Contain the restrictions provided by the Group Policy Server. All client installations of Toad include a toad.pdl file in the installation directory. If you are planning on using the managed environment, this .pdl file must be replaced with a managed file (that includes a group assignment for receiving policies) before that instance of Toad can be controlled.

For full information about the Toad Policy Manager, please see the Toad Policy Editor help file.

## Installation Options

You have the following options to install the Group Policy Manager:

- Full Install—Installs the Group Policy Server and the Group Policy Editor to the same location.
- Group Policy Server—Installs only the Group Policy Server.
- Group Policy Editor—Installs only the Group Policy Editor.

**Note:** If you want to use the server and the editor from the same computer, you must select the Full install option. Otherwise the installed parts will not be able to communicate.

## Upgrade Group Policy Manager

When you upgrade the Group Policy Server, the Quest Installer will locate the previous installation path and upgrade the Server within that directory. Because of this, the Installation path notation in the installer may not be honored if there is an old version of the Server installed.

To upgrade Toad Group Policy Editor and maintain any settings and files you have created using a pre-9.5 version, you will need to move the pre-9.5 files as described in the following procedure.

### *To move Group Policy Manager files*

- » Move the following files from the current Editor directory to your preferred directory path:
  - Group Policy.ini
  - Group PolicyGUL.ini
  - Entire Files subdirectory

The default path is:

```
\Program Files\Quest Software\Toad Group Policy Manager\Editor
```

# Appendix: Contact Quest

## Contact Quest Support

Quest Support is available to customers who have a trial version of a Quest product or who have purchased a Quest product and have a valid maintenance contract. Quest Support provides unlimited 24x7 access to our Support Portal at [www.quest.com/support](http://www.quest.com/support). From our Support Portal, you can do the following:

- Retrieve thousands of solutions from our Knowledge Base
- Download the latest releases and service packs
- Create, update and review Support cases

View the Global Support Guide for a detailed explanation of support programs, online services, contact information, policies and procedures.

The guide is available at [www.quest.com/support](http://www.quest.com/support).

## Contact Quest Software

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See our web site for regional and international office information.

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