

Toad[®] for Oracle 12.1

Installation Guide

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Contents

Installation Requirements	4
System Requirements	4
Virtualization Support	5
Required Windows Privileges	6
Install Toad	7
Install or Upgrade Toad	7
Install Toad on Citrix or Remote Desktop Services Systems	7
Uninstall Toad	8
Manually Import Toad Settings	8
Import Settings	8
Silently Install Toad	10
About Installing Silently	10
Extract MSI Files	10
Command-Line Parameters (Toad for Oracle)	11
Install Patches Silently	14
Uninstall Toad for Oracle through Command Line	15
Appendix: Contact Quest	16

Installation Requirements

System Requirements

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

Memory	1 GB RAM required for 32-bit 2 GB RAM required for 64-bit Note: The memory required may vary based on the following: <ul style="list-style-type: none"> • Applications that are running on your system • Size and complexity of the database • Amount of database activity • Number of concurrent users accessing the database 	
Hard Disk Space	120 MB	Toad for Oracle 32 bit
	150 MB	Toad for Oracle 64 bit
Operating System	Windows Server 2003 (32-bit and 64-bit) Windows XP (32-bit and 64-bit) Windows Vista (32-bit and 64-bit) Windows Server 2008 (32-bit and 64-bit) - 2 CPU required Windows Server 2008 R2 (64-bit) - 2 CPU required Windows 7 (32-bit and 64-bit) Windows 8 (32-bit and 64-bit) Windows Server 2012 (64-bit) Exception: 64-bit Toad's SQL Tracker requires Windows Vista or later.	
Database Client	Oracle Client 9.2.0.8 Oracle Client or Instant Client 10.2.0.3/10.2.0.4 Oracle Client or Instant Client 11.2.0.1/11.2.0.3 Oracle Client or Instant Client 12c Note: You must use the 32-bit version of Toad with the 32-bit Oracle client, and the 64-bit version of Toad with the 64-bit Oracle client.	

Database Server	<p>Oracle 8.0.6; 8.1.7; 9i; 9i R2; 10g; 10g R2; 11g, 11g R2, 12c.</p> <p>Toad has been tested on Oracle Exadata 2.0 running Oracle database 11g R2.</p> <p>Important: 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 Database Service	Oracle databases running on Amazon EC2
IPv6	<p>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.</p>
Additional Software	<p>Microsoft Internet Explorer 6.0 or later (to view the <i>Release Notes</i>)</p> <p>Adobe Acrobat Reader 7.0 or later (to view the <i>Installation Guide</i>)</p>

Virtualization Support

Before installing Toad, review the following for virtualization support.

Application Virtualization	Citrix XenApp 5.0 and 6.5 have been tested.
Desktop Virtualization (VDI)	Quest vWorkspace 7.0 has been tested.
Server Virtualization	<p>Oracle VM 3.1 has been tested.</p> <p>VMware ESX Server 3.5 has been tested.</p>
<p>Note: Toad may work in virtualization environments other than the ones listed.</p>	

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">• Read access to the Oracle client folder• Read/write privileges on the Oracle Homes directories that you use for your connections• Be a Power User or Administrator
Windows Vista Windows 7	<ul style="list-style-type: none">• Read access to the Oracle client folder• Read/write privileges on the Oracle Homes directories that you use for your connections
Windows 8 Windows Server 2012	<ul style="list-style-type: none">• Read access to the Oracle client folder• Read/write privileges on the Oracle Homes directories that you use for your connections
Note: 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) 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.

- Install the 32-bit version of Toad if you are using a 32-bit Oracle client.
- Install the 64-bit version of Toad if you are using a 64-bit Oracle client.

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.

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 | Uninstall Quest Products**, 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.

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

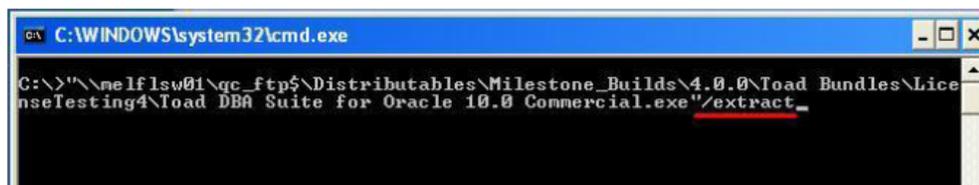
1. Extract the MSI from the Quest Installer.
2. Silently install the product. Select one of the following options:

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.

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:



```
C:\WINDOWS\system32\cmd.exe
C:\>"\meiflsw01\qc_ftp$\Distributables\Milestone_Builds\4.0.0\Toad Bundles\Licenses\Testing4\Toad DBA Suite for Oracle 10.0 Commercial.exe"/extract_
```

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.

To silently install Toad for Oracle through the command line

1. Extract the MSI from the Quest Installer.
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\ToadforOracle12.1.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	<p>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:</p> <ul style="list-style-type: none"> • p—Reinstalls only if a file is missing. • o—Reinstalls if a file is missing or an older version is installed. • e—Reinstalls if a file is missing or an equal or older version is installed. • d—Reinstalls if a file is missing or a different version is installed. • 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. • a—Forces all files to be reinstalled. • u—Rewrites all required, user-specific registry entries. • m—Rewrites all required, computer-specific registry entries. • s—Overwrites all existing shortcuts. • v—Runs from source and re-caches the local package. Do not use this option for the initial installation of the product or feature.
/a	Package	Installs the product on the network.
/x	Package/ProductCode	Uninstalls the product.

Option	Parameter	Description
/l	[i w e a r u c m o p v x + !]* Logfile	<p>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:</p> <ul style="list-style-type: none"> • i—Status messages. • w—Nonfatal warnings. • e—All error messages. • a—Start up of actions. • r—Action-specific records. • u—User requests. • c—Initial UI parameters. • m—Out-of-memory or fatal exit information. • o—Out-of-disk-space messages. • p—Terminal properties. • v—Verbose output. • x—Extra debugging information. Only available on Windows Server 2003. • +—Append to existing file. • !—Flush each line to the log. • "*"—Log all information except for the v and x options. To include the v and x options, enter "/l*v*x".
/q	n b r f	<p>Sets the user interface level. Review the following options:</p> <ul style="list-style-type: none"> • q, qn—No UI • qb—Basic UI. Use qb! to hide the Cancel button.

Option	Parameter	Description
		<ul style="list-style-type: none"> • qr—Reduced UI with no modal dialog box displayed at the end of the installation. • qf—Full UI and any authored FatalError, UserExit, or Exit modal dialog boxes at the end. • qn+—No UI except for a modal dialog box displayed at the end. • 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. • 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. <p>Note: 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	Prevents users from saving their connection password by disabling the Save password field in the Database Login window. For example: RESTRICTIONS=p
	i	Prevents users from accessing the Internet via Toad by disabling all Internet access in Toad. This can be combined with the 'p' parameter; for example: RESTRICTIONS=p,i

Install Patches Silently

If you already have Toad installed and want to upgrade silently, you must include `REINSTALLMODE=v0 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
```

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. 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.

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