



Toad[®] for SQL Server[®] Editions 6.8 Installation Guide



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Toad for SQL Server Editions Installation Guide
Updated - July 2017
Software Version - 6.8

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Toad Editions

By purchasing one of the Toad for SQL Server Editions, you have obtained not only a powerful SQL Server application development tool, but other tools to help you maintain and develop your SQL Server database applications.

This guide is an executive overview of the Toad for SQL Server Edition. It provides basic information about installing the products, including system requirements and the use of the Quest Software Installer. See the specific Installation Guide for each product for more information about each application, including troubleshooting information.

Each Toad for SQL Server Edition is packaged with additional Quest Software products to expand your SQL Server experience. The following editions are available:

Toad for SQL Server Commercial

- Toad for SQL Server
- Quest SQL Optimizer for SQL Server

Toad for SQL Server Developer Edition Commercial

- Toad for SQL Server
- Quest SQL Optimizer for SQL Server
- Benchmark Factory for Database
- Toad Data Modeler

Notes:

- Your license key determines the edition and will enable the functionality accordingly. In many cases, if functionality is disabled within Toad for SQL Server Edition, you may not have an appropriate license to use it. When Toad is running, you can see which components are licensed by selecting **Help | About**.

System Requirements

Client Requirements

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

Platform	2 GHz processor (recommended minimum)
Memory	4 GB of RAM minimum, 16 GB recommended Note: The memory required may vary based on the following: <ul style="list-style-type: none">• Applications that are running on your system when using Toad• Size and complexity of the database• Amount of database activity• Number of concurrent users accessing the database
Hard Disk Space	By Toad Edition

- Toad for SQL Server—174 MB
- Toad for SQL Server Developer Edition —294 MB

By Product

- Toad for SQL Server Professional, Xpert—104 MB
- SQL Optimizer for SQL Server—70 MB of disk space to run SQL Optimizer
- Benchmark Factory – 120 MB of disk space for installation. The disk space required may vary based on options selected for installation.
- Toad Data Modeler — 400 MB minimum , 1 GB recommended.

Operating System

Windows Server® 2012

Windows Server 2008

Windows Server 2003

- Toad for SQL Server and Benchmark Factory only.

Windows 10

- Toad Data Modeler only supports Windows 10 64bit.

Windows® 8.1

- SQL Optimizer for SQL Server supports Windows 8.1 Enterprise (with Update)
- Benchmark Factory supports Windows 8.1 (with Update).
- Toad Data Modeler supports Windows 8.1 PRO (64-bit).

Windows 8 (32-bit and 64-bit)

- Toad Data Modeler supports Windows 8 PRO.

Windows 7

Windows Vista®

Additionally

Windows Server 2016

- SQL Optimizer for SQL Server

Windows Server 2012 R2

- Toad for SQL Server supports Windows Server 2012 R2.
- SQL Optimizer for SQL Server supports Windows Server 2012 R2 (with Update)

Windows Server 2008 R2 (64-bit)

- Toad for SQL Server supports Windows Server 2008 R2 Service Pack 1 (64-bit)
- Toad Data Modeler

Requirements:

- The 32-bit version of Benchmark Factory requires the 32-bit versions of the client libraries (including ODBC drivers). The 64-bit version requires 64-bit client libraries.

Important: Toad uses the Microsoft Distributed Transaction Coordinator (DTC) when opening a SQL file to get Full-Text Search status, but DTC is disabled by default on Windows Vista, Windows Server 2008 and Windows 7. If you are using either operating system, ensure that Network DTC access is enabled on the Toad client. See [http://technet.microsoft.com/en-us/library/cc753510\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc753510(WS.10).aspx) for more information about enabling DTC access.

.NET Framework Microsoft .NET Framework 4.5.1.

Additional Requirements **Web Browser**

Microsoft® Internet Explorer® 7.0 or later

Log Reader

The Log Reader requires version 8.0 DLL files in the Microsoft Visual C++ 2005 SP1 Redistributable Package. If these files do not exist on the client, you will need to install them to use some functionality in the Log Reader. <http://www.microsoft.com/downloads/details.aspx?FamilyID=200B2FD9-AE1A-4A14-984D-389C36F85647&displaylang=en>

Copy/Move Database Wizard

The SQL Server Backward Compatibility package is required to use the Copy/Move Database wizard.

PDF Viewer

Adobe® Acrobat® Reader 7.0 or later.

SQL Server Management Objects (SMO)

SQL Optimizer for SQL Server requires SQL Server Management Objects; for more information about SMO, please visit <http://msdn.microsoft.com/en-us/library/ms162189.aspx>. You can also simply install Management Studio from SQL Server installation media.

Repository

Benchmark Factory cannot run without a repository, and during installation you must select either the default service based or file based repository. For more information see the *Benchmark Factory Release Notes*.

Server Requirements

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

Database Server SQL Server 2016 is supported by Toad for SQL Server
 SQL Server 2014 Enterprise and SQL Server 2014 Express
 SQL Server 2012 and SQL Server 2012 Express
 SQL Server 2008 R2 and SQL Server 2008 R2 Express is supported by Toad for

SQL Server

SQL Server 2008 and SQL Server 2008 Express

SQL Server 2005 (Service Pack 2 or later) and SQL Server 2005 Express

SQL Server 2000 (Service Pack 3 or later)

Note: The following features are not available in Toad for SQL Server running on SQL Server 2000:

- Index Defragmentation
- Storage Management
- Performance Monitor
- Spotlight Essentials Performance Analytics
- Altering procedures, functions, views in the Editor
- Version Control

Requirements and exceptions:

- SQL Server Compact Edition is not supported.
- SQL Optimizer explicitly supports SQL Server 2016 and 2017 and has been tested against SQL Server 2017 running on Windows or Linux. SQL Optimizer does not support SQL Server 2012 Express and SQL Server 2014 Express.
- Toad for SQL Server explicitly support SQL Server 2008 R2 and SQL Server 2008 R2 Express.
- Benchmark Factory explicitly supports SQL Server 2008 R2.
- Benchmark Factory explicitly supports SQL Server 2016.

Cloud Database Service

Toad for SQL Server and SQL Optimizer support Microsoft SQL Azure™ Database. Benchmark Factory provides limited support of SQL Azure.

Note: To be able to utilize majority of Toad functionality please grant VIEW DEFINITION on the SQL Azure databases you want to work with.

Toad Data Modeler and Benchmark Factory support Oracle Database as a Service.

Virtualization Support

Application Virtualization

Toad for SQL Server - Limited testing has been performed for:

- Citrix® XenApp™ 5.0 on Windows Server 2003 and Citrix XenApp 6.5 on Windows Server 2008 R2.
- Citrix support on Windows Server 2003 Enterprise Server (Service Pack 2) using the MetaFrame Presentation Server 5.0 and Citrix Presentation Server Clients 10.2.

SQL Optimizer has been tested with:

- Citrix XenApp 5.0 on Windows Server 2003 (Service Pack 2) using the Citrix

Presentation Server Clients 4.0

- Citrix XenApp 6.5 on Windows Server 2008 R2.

Benchmark Factory has been tested with the following:

- Citrix XenApp 6.5

Toad Data Modeler has been tested for:

- Citric support on the Citric XenApps 6.5 Server.
-

Desktop (VDI)

Toad for SQL Server has been tested with vWorkspace™ 7.6 running on Windows Server 2008 R2 64-bit.

Toad Data Modeler has a problem during print on virtual printer - The problem occurs only in case of print from local machine (all printers from local machine are visible on vWorkspace). If the virtual printer is installed on Workspace directly, the problem doesn't occur.

Server

Toad Data Modeler has been tested with VMware Server 2 running on Windows 7 and Oracle VM 3.0

Note: Toad may work in virtualization environments other than the ones in which it was tested.

User Requirements

User Requirements to Install Toad

Only Windows Administrators and Power Users can install Toad.

If an Administrator installs Toad, the Administrator can share the Toad shortcut icon on the desktop and menu items with any user—a Power User, Restricted User, Vista standard user—on the computer.

If a Power User installs Toad, a Restricted User cannot do the following:

- Associate file extensions.
- View the Toad shortcut icon on the desktop or the Toad menu options in the Windows Start menu. As a workaround, Restricted Users can create a shortcut to Toad from the install directory and place the shortcut on their desktop.

User Requirements and Restrictions for Running Toad

The following describes the requirements and restrictions for users who launch and run Toad:

- To create or modify the QuestSoftware.ToadSecurity table to enable Toad Security, the user who maintains this table must have privileges to create, insert, update, and delete it. All other users need only the ability to read the QuestSoftware.ToadSecurity table to use Toad Security features.

Installation

Note: Your license key determines the edition and will enable the functionality accordingly. In many cases, if functionality is disabled within Toad for SQL Server Edition, you may not have an appropriate license to use it. When Toad is running, you can see which components are licensed by selecting **Help | About**.

You can install any or all of the products that are included in your Toad Edition using the Quest Software Installer.

To install a Toad Edition

1. Run the Toad Edition installation program.
2. Accept the License Agreement.
3. Select the products you want to install and click **Install**.

Caution! When installing Toad using the Quest Software Installer on Windows 7 64-bit, Program Compatibility Assistant may appear with “This program might not have installed correctly” message. Select **This program installed correctly** to continue installation.

Note: For more information on Edition products or Toad components see corresponding *Installation Guides*.

Install Toad on Citrix[®] Systems

Toad for SQL Server must be installed on the Citrix server by the Citrix administrator. Users then connect to this instance through their Citrix login.

Note: Limited testing has been performed for Citrix XenApp™ 5.0 support on Windows Server[®] 2003 and Citrix XenApp 6.5 on Windows Server 2008 R2.

To install Toad for SQL Server on a Citrix system

1. Connect to the Citrix Environment as an administrator.
2. Copy Toad for SQL Server to the Citrix server, if needed.
3. Start the Toad for SQL Server installation process.
4. During installation, select the **Anyone who uses this computer** checkbox when prompted.
5. Repeat steps 2 through 4 for each server in the Citrix farm.

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

6. Review the following considerations regarding licensing:
 - A license supplied by an administrator always overrides a user-supplied license in a Citrix environment.
 - If you need to provide the same Toad for SQL Server functionality to all users, you can enter the default license key for all users.
 - If you have users with different license requirements (for example, some have Standard licenses and others have Professional licenses), individual licenses should be entered for each user. You should not enter the default license key because it enables all functionality in Toad for SQL Server.

Licensing

To enter your license key

1. Select **Help | Licensing** from the menu (ALT+H+L).
2. Review the following for additional information:

Authorization key	Enter the license key for Toad for SQL Server.
Site message	Enter the site message included with the license key.

Note: Your license key determines the edition of Toad for SQL Server (Pro, Xpert, etc.) and will enable the functionality accordingly. In many cases, if functionality is disabled within Toad for SQL Server, you may not have an appropriate license to use it. When Toad is running, you can see which components are licensed by selecting **Help | About**. For complete list of features shipped with your Toad edition see <http://www.quest.com/>.

Notes for Toad for SQL Server Users

Trial Keys

The commercial version of Toad for SQL Server comes pre-installed with a trial license key for your convenience. This allows you to use the application while waiting for your commercial key to be delivered.

The trial license key remains active for the designated trial period, even after you enter your commercial license key (the splash screen may continue to indicate your application is a trial version). This is helpful if you are previewing an upgrade or an advanced module.

Important: When installing commercial Toad for SQL Server bundle after trial Toad for SQL Server bundle, the commercial bundle recognizes a license key from the trial bundle and expires the same date as the trial bundle's key. To continue working with the commercial bundle please input a valid (commercial or new trial) license key.

If you entered your commercial license key and do not require the trial version, you can delete the trial key.

Important: If you delete the Trial key, any advanced features not included in your purchased edition will be disabled.

To delete a trial key

1. Select **Help | Licensing**.
2. In the Toad Licensing dialog, select the License tab for the trial license key and then click **Delete License** to delete the trial key.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece — you — to the community, to the new Quest.

Contacting Quest

For sales or other inquiries, visit www.quest.com/company/contact-us.aspx or call +1 949 754-8000.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

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