Toad for SQL Server 7.4

Release Notes

Wednesday, March 2, 2022

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About Toad for SQL Server

With Toad, developers and database administrators can use a familiar, proven tool to manage databases. Toad empowers developers and administrators, of varying skill levels, to rapidly create and execute queries, automate database object management, and develop SQL more efficiently.

Toad also provides utilities to compare, extract and search for objects, manage projects, import/export data and administer the database, while increasing your productivity and delivering access to an active user community.

System Requirements

Client Requirements

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

Requirement	Details
Platform	2 GHz processor (recommended minimum)
Memory	8 GB of RAM minimum, 16 GB recommended **Note:** The memory required may vary based on the following: - 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	800 MB to install Toad 104 MB to run Toad **Note:** The disk space required may vary based on the edition of Toad selected for installation.
Operating System	Windows Server® 2012 Windows Server® 2012 R2 Windows Server® 2016 Windows Server® 2019 Windows® 8.1 (32-bit or 64-bit) Windows® 10
Deprecated Version of Windows	Toad for SQL customer support will not be available for the following operating systems as Microsoft has stopped providing support for these platforms. - Microsoft Windows 8 (64-bit) - Microsoft Windows Server 2008 R2 (64-bit)
.NET Framework	Microsoft® .NET Framework 4.7.1
Additional Requirements	**Web Browser** Microsoft® Internet Explorer® 11 or later **Screen** Recommended maximum DPI settings for Toad are 125%. It is possible to use Toad up to 200% but some dialog windows will not be completely usable anymore. Maximum tested resolution for Toad is 1920 x 1080 px. **Copy/Move Database Wizard** The SQL Server Backward Compatibility package is required to use the Copy/Move Database wizard. **Log Reader**

Requirement	Details
	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

Server Requirements

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

Requirement	Details
Database Server	SQL Server 2012 and SQL Server 2012 Express SQL Server 2014 Enterprise and SQL Server 2014 Express SQL Server 2016 SQL Server 2017 SQL Server 2019 **Notes:** • SQL Server Compact Edition is not supported. • Storage Management is not available on SQL Server Express. **Note:** To use Access 2016 64-bit to connect to an Access database in Toad, the Microsoft Access Database Engine is required and might not be included in the Access installation. The engine must match the architecture (bitness) of Toad.
Deprecated Version of Database Server	Toad for SQL customer support will not be available for the following Database Server as Microsoft has stopped providing support for these platforms. • SQL Server 6.0 • SQL Server 6.5 • SQL Server 7.0 • SQL Server 2000 • SQL Server 2005 • SQL Server 2008 • SQL Server 2008 R2
Cloud Database Service	SQL Azure and Azure SQL Data Warehouse **Note:** To be able to utilize a majority of Toad functionality, please grant VIEW DEFINITION on the SQL Azure databases you want to work with.

Virtualization Support

Requirement	Details
Application Virtualization	When deploying Toad in a virtualization environment, for best results ensure the system accurately reflects the applicable client hardware and software requirements listed in this document. Toad has been developed using Microsoft guidelines (see Remote Desktop Services programming guidelines) and can be deployed and operated in virtualization environments such as Citrix XenApp, Microsoft App-V, and VirtualBox. See "Install Toad on Citrix Systems" (page 1) for more information.

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—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.

Resolved Issues

The following is a list of issues addressed in this release of Toad for SQL Server:

Resolved Issues in 7.4

Feature	Resolved Issues	Defect ID
Connection Properties	Toad for SQL Server is not displaying the Parameter Name and Value information in the **Advance** tab for the database selected in the **Display Connection** properties.	TSS -1713
Publish Editor	Toad for SQL Server is not launching Toad Intelligence Central when clicked the "Publish Editor Contents on Intelligence Central" shortcut button or **Publish Editor** option from **Editor** menu. If Toad Intelligence Central is not installed it should display the "*Toad Intelligence central not found*" message, instead it displays an error. This issue is observed on Toad for SQL server 7.4 version.	TSS -1712
Publish Project	Toad for SQL Server displays an error while publishing a newly created project.	TSS -1706
Publish Template	Toad for SQL Server displays an error when users try to publish templates using the **Publish Import Template** option.	TSS -1704
Generate Script to Editor	Toad for SQL Server is not generating/creating the SQL script using the **Create Script** option.	TSS -1700

Known Issues

The following is a list of issues known to exist at the time of this release.

Feature	Known Issue	Defect ID
General	The **Reports Manager** displays the database error while generating the table reports of non-indexed tables.	TSS-1758
General	Toad for SQL Server is not displaying any matching files when searched using the **Find and Replace** option.	TSS-1757
General	Toad for SQL Server is not displaying the list of active servers while creating a new database connection.	TSS-1756
General	The **Manage License and Exit Application** buttons on the **Toad for SQL Server – All Licenses Expired** window are not aligned properly.	TSS-1755
General	Toad for SQL Server gets hanged when users try to start service for a database from **Microsoft SQL Server** from the **Connection Manager** pane.	TSS - 1749
General	Users are not able to access the **SQL Azure** portal URL when navigated from Toad for SQL Server.	TSS - 1747
General	The **Certificate** field on the **Alter Database Encryption – TestDB** window is not displaying any option to select while using the **Encrypt Database** functionality.	TSS - 1729
General	Toad performs the backup operation of the database successfully but the backup file (.bak) is not available at the backup destination provided in the script.	TSS - 1728
General	When users work in the **Editor** mode, most of the options under the **Edit** menu are disabled, however, users are able to use those options through keyboard shortcuts.	TSS - 1726
Drag and Drop Objects	Users are unable to edit the default action for any object under the **Drag and Drop** functionality.	TSS - 1724
General	Users are not able to convert the PLI Application code to SQL code using the code conversion functionality.	TSS - 1718
SQL Script Generation	Toad for SQL Server is not generating the correct SQL script while comparing data from two tables in the same database. This issue is observed when there is a difference in the data of two tables.	TSS - 1717
General	When users delete the duplicate entry from the table, Toad does not commit the delete operation and displays the concurrency violation error.	TSS - 1716
General	Toad for SQL server is facing an issue while opening the SQL Azure portal in a new tab within the application.	TSS - 1715
Debug and Run	Toad for SQL Server displays an error while setting up the **Debugger** wizard	TSS - 1711
Execution Plan	The **Include actual Execution plan** option is not working as a toggle button for the **Execution plan** option when used from the shortcut panel in the **Editor** window.	TSS - 1710
General	Toad Intelligence Central is not able to fetch results for host name even if users search with the valid host name.	TSS - 1708
General	Toad is displaying an error when users start tracing the activity of the application.	TSS - 1707
General	Toad for SQL Server displays an error when users open the **Always On**	TSS -

	Monitor screen.	1703
Import and Export	Users are not able to open the template in the editing mode on **Import Wizard**.	TSS - 1701
General	If any **Select SQL** query has more number of rows in its output than the set Fetch Rows Limit, the output displays results only till that Select query. The Fetch Rows Limit is not applied on every output individually.	TSS - 1698
Statistics Tab in View Details	Toad for SQL Server is not displaying the **Statistic Log** details for any table selected from the object explorer in the **Statistics** tab.	TSS - 1697
Startup/Installation	If intending to hibernate the machine with the open connections to the servers that might be unavailable at the next startup, it is recommended to disconnect first due to risk of data loss.	N/A
	When installing Toad using Quest Installer on Windows 10 64-bit, Program Compatibility Assistant may appear with "This program might not have installed correctly" message. **Workaround:** Select **This program installed correctly** to continue installation. For more information, see http://windows.microsoft.com/en-PH/windows7/Program-Compatibility-Assistant-frequently-asked-questions	N/A
Code Completion	Code Completion provides limited syntax support of SELECT * INTO clause.	ST87112
Connection Manager	Cannot establish Named Pipes connection if "Poll service status in connection list" option is selected. **Workaround:** Clear "Poll service status in connection list" checkbox on the **Tools | Options | Database | General** page.	ST86603
	You need to install Microsoft Active Directory Authentication Library (adalsql.msi) to connect to Azure SQL Database using Active Directory Password Authentication.	QAT-14556
Data	For some queries, attempting to right-click a row and select **Row Count** results in a message stating that the row count could not be determined.	N/A
Performance Monitor	You may encounter an exception in the Performance Monitor during recording: in the Object explorer expand and collapse a tables list.	930
	You may encounter an exception when using the Performance Monitor and Session Browser at the same time.	948
Schema Compare	When the Ignore column order option is not selected two tables are incorrectly reported to be equal.	245
	The script comparing two databases where one database is empty has execution errors.	271
	The script synchronizing two databases that have the same table with different index is incorrect.	834
Debugger	You may encounter some issues when debugging remotely.	ST82044
Editor	Toad may hang after applying Short Format Uppercase Keywords or Short formats to large scripts.	ST83268
Execution Plan	You cannot generate an estimated execution plan for queries containing local temporary tables because the execution plan uses a different connection to generate the plan and does not know about the temp table. **Workaround:**	N/A

	Use the actual execution plan button to generate execution plans for SQL that contains a temp table.	
Export Wizard/ One Click Export	Limitations when exporting fractional seconds: • When exporting to an Access Database File, exports do not support fractional seconds, so the additional data is not exported. • When exporting to an Excel instance, exports support only 3-digits for fractional seconds. However, if you export to an Excel file, it supports all fractional seconds.	N/A
	Avoid using Excel for exporting if your data has numeric values that require a high precision because Excel's precision is limited to 15 digits. If you export numbers with more precision, the values are rounded. If you export boundary numbers (max, min), rounded numbers will exceed the data type limit.	N/A
Job Manager	SQL Azure connections currently display in the Job Manager even though the Job Manager is not available for SQL Azure.	ST75721
Log Reader	User information only displays for operations in the sessions that are currently open. Backups do not contain this information because only the SPID information is available to them.	ST37112
	SQL Azure connections currently display in the Read Log wizard even though the Log Reader is not available for SQL Azure.	ST75720
Object Explorer/ Database Explorer	Table and Index Partitioning: • Currently, you cannot create or manage a partition on a table or index that includes a FileStream column. • Currently, estimating index compression savings runs a full table compression savings query, so the estimation may be slow on large tables.	ST59194 ST68131
	FDCC: User cannot start/stop SQL Agent running Toad with Regular or Admin User account on the client side in some limited environments. **Workaround:** Start the SQL Agent on the server side.	ST91618

Third Party Known Issues

The following is a list of third party issues known to exist at the time of release of Toad for SQL Server 7.4.

Feature	Known Issue	Defect ID
Excel	If an Excel file is open in Toad, you cannot open the same file in a separate Excel instance. To review this and other limitations when using Excel in the Web Browser, see "Considerations When Using the WebBrowser Control" at: http://support.microsoft.com/kb/304662.	42486
Export Wizard/ One Click Export	To export to an Office 2003 or 2007 Excel instance, the Office Primary Interop Assemblies (PIAs) must be installed. You can install the PIAs from one of the following locations: **2003 PIAs:** http://www.microsoft.com/en-us/download/details.aspx?id=20923 **2007 PIAs:** http://www.microsoft.com/en-us/download/details.aspx?id=18346	N/A
Import Wizard	Importing large data sets from Excel (approximately 650,000 rows) is not	219754

Feature	Known Issue	Defect ID
	recommended because of the amount of time it may take. This issue occurs because the Excel import component maintains the output in memory until the import completes. This can cause performance issues depending on the available system resources.	
Screen Resolution	Some users may experience an exception when the screen is set to certain resolutions. **Workaround:** Adjust screen resolution.	N/A

Getting Started

Contents of the Release Package

The Toad release package contains the following products:

1. Toad for SQL Server 7.4
2. Product Documentation, including:
   - Installation Guide
   - Online Help
   - Release Notes

Installation Instructions

See the *Toad for SQL Server Installation Guide* for more information.

Toad for SQL Server Editions

Toad for SQL Server

Quest SQL Optimizer for SQL Server

Benchmark Factory

Toad Data Modeler

Product Licensing

To activate a purchased commercial license

1. In the Licensing dialog, enter your license (Authorization) key.
2. Enter the site message included with the license key.

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

This release has the following known capabilities or limitations: If the user overrides the default installation path during installation, the new path specification cannot contain Unicode characters.

About Us

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- 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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