SQL Optimizer for SQL Server® 11.2

Release Notes

Monday, September 1, 2025

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About SQL Optimizer for SQL Server

SQL Optimizer for SQL Server® is the most comprehensive optimization solution available for SQL Server environments. SQL Optimizer helps you shorten tuning time and optimizes database performance. You can:

- Scan SQL statements embedded within database objects, SQL Server Profiler files, and application source code.
- Generate SQL statement alternatives for problematic SQL statements.
- Test SQL alternatives to find the best performing statement for your database environment.
- Generate index alternatives to improve database performance.
- Test index alternatives to find the alternative that provides the greatest performance gain.
- Optimize execution plans and deploy plan guides for SQL statements without changing original source code.
- Manage plan guides, including migrating plan guides from one database to another, importing plan guides from a file or exporting plan guides to a file as an archive, and enabling or disabling one plan guide from a batch of plan guides.
- Locate the most resource-intensive SQL in your server from the Plan Cache and from trace files and trace tables in SQL Profiler.
- Locate the most resource-intensive SQL in your server from the Extended Event files collected by SQL Server management studio.

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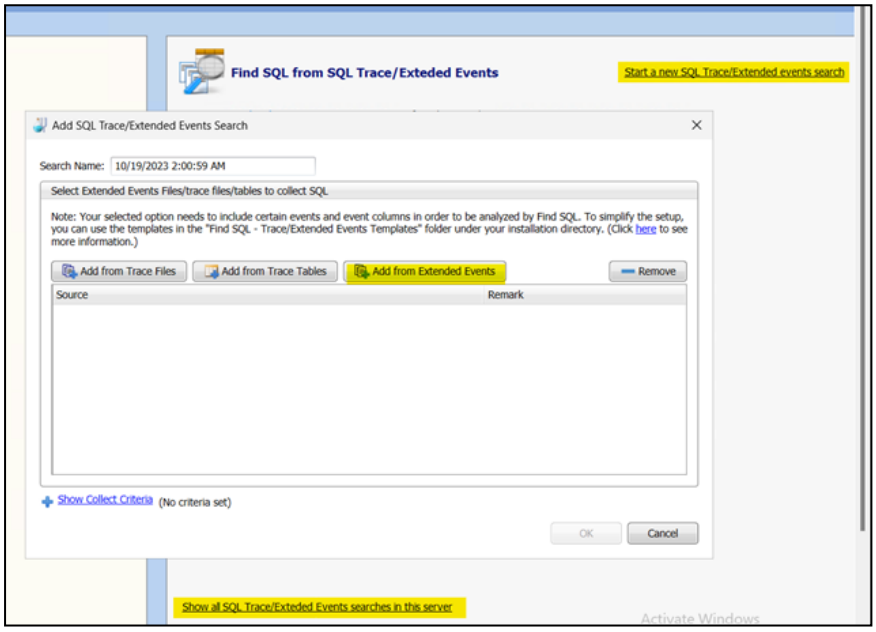
New Features

This release of SQL Optimizer for SQL Server includes the following new features and enhancements.

New Features in 11.0

Extended Events

The SQL Optimizer for SQL Server now offers an option to find SQL using Extended Events. It is important to note that SQL Server no longer supports the trace file feature for versions 2017 and above. Extended Events serve as the recommended solution for these environments. For additional information on how to find SQL using the Extended Events option, please consult the online Help.



Additional support for Cloud Database platforms

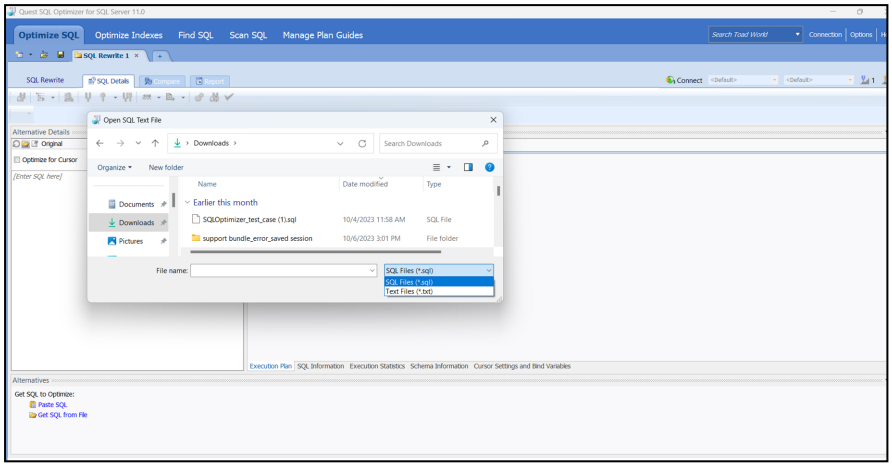
SQL Optimizer for SQL Server now supports the following Azure SQL database features:

- Optimize SQL
- Scan SQL
- Managed Plan guide

Azure SQL Single Database, Azure Elastic Database Pools, Azure SQL Managed Instance

SQL Files browsing option

The 'Open SQL text file' option now only provides the 'SQL Files' browsing option.



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Discontinued Features

No features have been discontinued in the current release.

Resolved Issues and Enhancements

The following is a list of issues addressed and enhancements implemented in this release.

Issues resolved in 11.0

Feature	Resolved Issue	Defect ID
SQL file	The 'Open SQL text file' option now only provides the 'SQL Files' browsing option.	SOFSS-1733
Licensing	The Spotlight and Foglight trial pages are not generating valid trial license keys for customers to explore the tool.	SOFSS-1732
Integration	Users are unable to integrate the SQL Optimizer for SQL Server application with the trial version of Foglight for SQL Server PI edition for testing purposes.	SOFSS-1730
SQL Server database servers	The SQL Optimizer for SQL Server's Connection Manager window is unable to detect any SQL Server database servers on the network.	SOFSS-1727
Azure database platforms	SQL Optimizer for SQL Server now supports the following Azure SQL database features: • Optimize SQL • Scan SQL • Managed Plan guide	SOFSS-1722

Feature	Resolved Issue	Defect ID
Third party library	DevExpress library version has been upgraded from 19.2.6 to 19.2.14 and from 13.2.10 to 17.2.18 for SQL Optimizer for SQL Server.	SOFSS-1692
Indexing	After two hours of indexing, SQL Optimizer for SQL Server stops the process with an 'Out of Memory' error.	SOFSS-1690

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Known Issues

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

Feature	Known Issue	Defect ID
General	The SQL Optimizer for SQL Server application crashes when users click the **Cancel** button in the imported report.	SOFSS-1846
	SQL Optimizer for SQL Server is displaying an error when users are trying to open a saved session.	SOFSS-1842
	SQL Optimizer for SQL Server is displaying an error when users try to add scanner jobs to an existing workgroup.	SOFSS-1841
	SQL Optimizer for SQL Server displays the 'Memory out of bound' error when users generate the scanned job report under the Scan SQL option.	SOFSS-1816
	SQL Optimizer for SQL Server is displaying the Object Reference error on the 'Plan Cache Searches' window when users apply filter to the Search Name column.	SOFSS-1812
	SQL Optimizer for SQL Server is displaying the incorrect 'SQL statement found under this criteria' and actual 'SQL found' count.	SOFSS-1809
	SQL Optimizer for SQL Server displays the increased count on the 'Add Plan Cache Search' window even when searched in the same database every time.	SOFSS-1808
	SQL Optimizer for SQL Server displays an error instead of a validation message while scanning SQL profiler jobs.	SOFSS-1777
	SQL Optimizer for SQL Server is not displaying any validation messages when users assign the same tab name to multiple tabs.	SOFSS-1762
General	If you uninstall the standalone version of SQL Optimizer with Toad for SQL Server and SQL Optimizer installed, you can no longer launch SQL Optimizer by sending SQL statements from Toad for SQL Server to SQL Optimizer.	ST77615
Optimize SQL	When you connect to SQL Server using Windows group, you cannot define a default schema. **Workarounds:**	ST84377

Feature	Known Issue	Defect ID
	1. Connect to the SQL Server with a login who has permission to create a user, and use the following script to create a user login (replace domainname\username with your NT login). USE [yourdbname] GO CREATE USER [domainman\username] FOR LOGIN [domainname\username] WITH DEFAULT_ SCHEMA=[dbo] GO. After the above is created, connect to the database using Windows Authentication to use SQL Optimizer. 2. Contact your Database Administrator to directly add your domainuser as a login.	
	A SQL statement with a hidden control character in the text is classified as Invalid.	ST41386, ST98296
	Optimizing SQL with **DBO**.*Sys Objects* results in a "Table does not exist" error because *Sys Objects* reside in the **SYS** schema and not the **DBO** schema. Since the DBO schema is only backwards compatible to SQL Server, SQL Optimizer is unable to access it. **Workaround:** Optimize SQL with *Sys Objects* with the **SYS** schema instead of the **DBO** schema.	ST75908
	Executing SQL alternatives with an Option Clause using Query Hints for SELECT statements in CREATE VIEW causes an error because these statements are not supported by SQL Server. **Workaround:** Clear the checkbox for the SQL alternative with the Option Clause before using the Auto Optimize or Optimize function to generate alternatives without the Option Clause.	ST53842

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Third Party Known Issues

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

Feature	Known Issue	Defect ID
Scan SQL	If the SQL Server CURSOR_CLOSE_ON_COMMIT dboption parameter is not set to OFF, using the sp_helptext system stored procedure in Scan SQL may return the following error due to SQL Server BUG #: 57967 (SQLBUG_ 70) or BUG #: 231137 (SHILOH): Server: Msg 16917, Level 16, State 2, Line 0 Cursor is not open.	N/A
SQL Server Connection	If you are using dynamic port allocation and UDP port 1434 is disabled, SQL Optimizer may not be able to connect to SQL Server and you may receive an error message. This is a known Microsoft issue. See Microsoft Support Article ID 823938 for more information. **Workaround:**Manually specify the SQL Server connection string as [Server]\[Named Instance],[Port] in SQL Optimizer.	N/A

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System Requirements

Before installing SQL Optimizer for SQL Server, ensure your system meets the following minimum hardware and software requirements:

Requirement	Details
Platform	600 MHz minimum, 1 GHz recommended
Memory	512 MB of RAM minimum, 1 GB recommended **Note:** The memory required may vary based on the following: • 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	70 MB of disk space to run SQL Optimizer **Note:** This is the disk space required for a full installation, which includes 457 MB download of temporary setup files that can be removed at the completion of the installation.
Operating System	Windows 8.1 Enterprise (with Update) (32-bit or 64-bit) Windows 10 (32-bit or 64-bit) Windows 11 (32-bit or 64-bit) Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 (with Update) Windows Server 2016 Windows Server 2022
.NET Framework	Microsoft® .NET Framework 4.7.2 **Note:** The .NET Framework Client Profile is not supported.
Database Server	SQL Server® 2008, 2012, 2014, 2016, 2017, 2019, 2022 SQL Server 2008 Express **Note:** SQL Server Compact edition is NOT supported.
Cloud Database Service	**Microsoft SQL Azure™ Database:** Azure SQL Single Database, Azure Elastic Database Pools, and Azure SQL Managed Instance **Limitation:** The Find SQL and Optimize Index features are not supported
Additional Software	Microsoft Internet Explorer® 6.0 or later. Adobe® Acrobat® Reader 7.0 or later (for viewing the Installation Guide). SQL Server Management Objects (SMO); 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.

Virtualization Support

Before installing SQL Optimizer, review the following for virtualization support:

Requirement	Details
Application	SQL Optimizer has been tested with the following:

Requirement	Details
	• 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

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

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Product Licensing

To activate a trial license

1. Enter the Authorization Key included in your Trial Email into the License Key field of the Licensing dialog.
2. Enter the Site Message included with your Authorization Key.

To activate a purchased commercial license

1. Enter the Authorization Key included in your Purchase Email into the License Key field of the Licensing dialog.
2. Enter the Site Message included with your Authorization Key.

Getting Started with SQL Optimizer

Contents of the Release Package

The SQL Optimizer for SQL Server release package contains the following products:

1. SQL Optimizer for SQL Server 11.2
2. Product Documentation, including:
    - Install Guide
    - Online Help
    - Release Notes

Installation Instructions

Refer to the *SQL Optimizer for SQL Server Installation Guide* for installation instructions.

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Global Operations

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.

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About Us

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- Download software and technical documentation
- View how-to-videos
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