

ApexSQL Log

Version 2019.x

Release Notes and Requirements

System requirements

Hardware	Dual Core 2.0 GHz CPU 4 GB memory 500 MB disk space
SQL Server	SQL Server 2005 and higher ^[1]
OS	Windows 7 SP1/Windows Server 2008 R2 SP1 and higher ^[1]
Port	TCP ports 60408 and 65100 on all SQL Server instances and on ApexSQL Log installed machine
Software	.NET Framework 4.7.2 or higher
Note	Databases secured with Transparent Data Encryption (TDE) cannot be used as a source for auditing/recovery
Permissions and additional requirements	Windows user account with administrative privileges See ApexSQL Log - Permissions and requirements

^[1] See [Supported systems](#) for exact version support

Supported Software

Windows version

Windows 7 SP1 & Windows Server 2008 R2 SP1	Windows Server 2012	Windows 8.1 & Windows Server 2012 R2	Windows 10 & Windows Server 2016	Windows Server 2019
✓	✓	✓	✓	✓

SQL Server version ^[3]									
	2005	2008	2012	2014	2016	2017		2019 CTP 3	
						Windows	Linux ^[2]	Windows	Linux ^[2]
ApexSQL Log	✓	✓	✓	✓	✓	✓		✓	

SQL Server edition ^[3]						
	Express	Standard	Enterprise	Azure SQL Database		Amazon RDS for SQL Server
				Single Database, Elastic Pool	Managed Instance	
ApexSQL Log	✓	✓	✓			

^[2] Tested on Ubuntu 16.04

^[3] Including Amazon EC2, Google Compute Engine, and Azure Virtual Machine cloud computing SQL Server instances

Getting Started

For further information about installation and getting started, please check the [Quest Knowledge Base](#) or [ApexSQL Getting Started](#).

Release Notes ([release history](#))

Release: 2019.01.1240
Date: December 18, 2019

Enhancements:

- [SQL Server 2019 support](#)

Fixes:

- Arithmetic overflow error for data type smallint, value = 32768 error occurs when auditing a database with over 32768 users
- "Operation Create Table is missing UNDO/REDO script" error is encountered in undo/redo script for create/alter table operations
- CLI command created in the end of export wizard is missing /v (verbose) and /f (force) switches
- Rebuild index operation redo drops the entire table

Release: 2018.05.1233
Date: June 21, 2019

Changes:

- Software Transaction Agreement is added as a new step in the installation wizard and updated in accordance with <https://www.quest.com/legal/sta.aspx>

Release: 2018.05.1228
Date: May 23, 2019

Fixes:

- Rebuild index operation is now properly replayed in redo scripts
- Redo script of rebuild index operations drops the entire table
- "Object reference not set to an instance of an object" error is encountered when auditing DDL operations over whole log on SQL Server 2014 and older
- "Operation Create/Alter Table is missing UNDO/REDO script" error is encountered in undo/redo scripts for create/alter table operations in SQL Server 2014 and older

Release: 2018.04.1219
Date: December 25, 2018

Fixes:

- Aborted transactions are not audited
- "Trial period has expired. Purchase the software to continue using it or contact sales@apexsql.com" message is displayed when ApexSQL Log batch script is run after the trial period has been extended
- Field value grid filter does not affect audited result when applied
- All conditions aside from the first one in the list are not applied in the field values filter if multiple conditions are defined
- Application doesn't automatically connect to the audited database when undo/redo script is connected
- The Find next option does not cycle through the results
- "Failed to load project" error is encountered when application is restarted with "start as admin"
- Default value for the custom filter is not set to current day
- The Ctrl+A shortcut does not work on results audited to grid
- Syntax highlighting does not affect batch scripts
- It is not possible to select last row when undo/redo script is opened via integrated editor
- The sa login is locked out when wrong password is provided for the sa account
- "Failed to load project" error is encountered when starting application with insufficient privileges
- Find panel is not initiated via ctrl+F shortcut
- The same SQL Server instance can be added multiple times in the activation panel

Enhancements:

- Created scripts can now be saved as PowerShell
- The Primary Key column value is now included in the operation details pane for each operation
- The application now automatically checks validity of the selected data sources
- 24h format can now be used in the custom filter when Windows regional format settings imply 24-hour format
- Paging is added to the HTML exports
- Column order can now be changed in grid using drag-and-drop
- Informational message added that TDE encrypted databases cannot be audited
- Information message added that SQL Server instances hosted on Linux OS cannot be audited

Changes:

- The application now requires Microsoft .NET Framework 4.7.2

Release:	2018.03.1213
Date:	November 08, 2018

Fixes:

- "Error opening connection: Invalid connection string attribute" error is encountered when Windows Authentication is used to connect to a database in a specific case
- SQL login used to connect to a database gets locked out on servers which have account locking set up for failed login attempts in case when correct password is provided

Changes:

- CLI functionality is now available during the trial period

Release: 2018.02.1211
Date: October 18, 2018

Enhancements:

- SQL Server 2019 CTP 2.0 support
- [New error handling and send logs functionality](#)
- [Improved application installer with a dark theme](#)
- [New application icon](#)
- The "Make new folder" button has been added to all browse for folder dialogs

Fixes:

- Date/time filter is not presented in the regional format if Spanish language and regional settings are used

Release: 2018.01.1198
Date: November 28, 2017

Enhancements:

- [High DPI and 4K resolution support](#)
- [Applied concepts of Visual Language Dictionary for Visual Studio for iconography, imagery, colors, menus, fonts, formatting and other GUI elements](#)
- Log reading is now up to 20,000% faster for all databases that contain over 1,000 SQL tables

Fixes:

- The "Activation limit exceeded" warning is encountered when user tries to activate the node in active-passive cluster environment with a single license after the failover occurs
- Data sources used in the undo/redo wizard are not listed in the "Datasources" section in the recovery summary

- The "Object reference not set to an instance of an object" error is encountered when clicking the Add pattern button in the Select data sources step of the wizard in a specific case
- The Send logs feature does not include server-side components log files
- The Get updates dialog is not closed via Esc key
- Date/time formats are inconsistent throughout the application
- Vertical scroll bar doesn't work in the Browse for folder form in the installation wizard

Changes:

- New light, blue and dark themes are now available
- The application now requires Microsoft .NET Framework 4.7.1