

ApexSQL Recover

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 Recover 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 Recover - 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 Recover	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

^[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: 2019.02.1247
Date: Mar 20, 2020

Fixes:

- The 'unknown schema' is displayed when alter/drop view operation is audited in case there are un-assigned index in the table view

Release: 2019.02.1245
Date: January 30, 2020

Fixes:

- Cannot resolve the collation conflict in the UNION operation
- Operation data is not shown for tables with page compression

Release: 2019.01.1240
Date: December 18, 2019

Enhancements:

- [SQL Server 2019 support](#)

Fixes:

- "Arithmetic overflow error" occurs when auditing database in a simple recovery model in specific case

Release: 2018.04.1234
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: 2018.04.1219

Date: December 27, 2018

Enhancements:

- 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
- 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

Fixes:

- Aborted transactions are not audited
- 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
- The 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
- 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
- The displayed count of total rows found when recovering deleted data to a script file does not match the actual count of deleted rows
- "Object reference not set to an instance of the object" error is encountered when performing recovery from a drop operation on the database for the first time

Changes:

- The application now requires Microsoft .NET Framework 4.7.2

Release: 2018.03.1211

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
- "Object reference not set to an instance of an object" error is encountered when data recovery is performed into a new database in a specific case

Release:	2018.02.1198
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:

- Application stops responding when double-clicking any of the main ribbon bar action icons
- Both 2017 and 2018 versions are shown in the control panel after update from application version 2017 to 2018
- The "Unexpected error" is encountered when clicking on Truncated data in the recovery wizard in specific case
- The "Object reference not set to an instance of an object" error is encountered during recovery of dropped data in a specific case
- The Show renewal option always resets its state to checked after Options dialog is closed
- The Get updates dialog is not closed via Esc key
- The information on application version used to generate the script is incorrect in the commentary of the generated script

Changes:

- New light, blue and dark themes are now available

- The application now requires Microsoft .NET Framework 4.7.1

Release: 2018.01.1191

Date: Oct 26, 2017

Enhancements:

- Transaction log files and backups can now be read, analyzed and audited
- Undo and redo script can now be created to rollback or replay DML and DDL changes
- Auditing results can now be loaded and filtered in grid for forensic recovery and analysis

Fixes:

- Installer dialog elements will be incorrectly positioned in 4K screen resolution
- The "A generic error occurred in GDI+" error is encountered when undo/redo script which includes text value with over 10,000 characters is opened in built-in editor
- The main ribbon button tooltips are not descriptive for the particular option
- About form doesn't show full license information on used/remaining licenses
- Release notes link in the upgrade dialog does not lead to the release notes page
- Options can be selected when clicking on the area to the right of each button in Options dialog
- Options are not selected in the correct order when using the Tab button to navigate through them in the Options dialog
- Right mouse button click selects navigation buttons in the grid
- Excessive empty columns are shown in Field values filter dialog
- The SQL Server authentication fields are disabled when windows authentication is selected
- The "last X hours" filter does not properly filter recovery output

Changes:

- The Internal editor is renamed to Integrated editor