

ApexSQL[®] Manage 2020.x

Release Notes

These release notes provide information about the ApexSQL[®] Manage 2020.x which is a patch release.

Topics:

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About ApexSQL Manage

ApexSQL Manage is an enterprise SQL Server tool used to discover SQL Server instances on network and provide high-level analysis of configuration. ApexSQL Manage enforces best practices by reviewing and detecting issues on discovered instances and can compare SQL Server instances and snapshots, as well as to create detailed documentation at the server level in Word, PDF, HTML and CHM file formats. Additionally, the application allows creation of SQL Server instance snapshots, active SQL Server login management on multiple instances and executes SQL scripts to fix failed health check results.

New Features

This version of ApexSQL Manage introduces the following new features, enhancements or deprecations:

Fixes:

- 197154: "Type 'Microsoft.Data.SqlClient.SqlException'" error is encountered when performing the "On all databases disable guest user (except on system and temp)" health check rule on databases in restoring state or in single user mode.
- 203233: Both ApexSQL Manage and ApexSQL Manage Agent windows service run as 32-bit applications on 64-bit operation systems.

Getting Started

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

System requirements

Before installing or upgrading Short Product Name Version, ensure that your system meets the following minimum hardware and software requirements.

Hardware	Dual Core 2.0 GHz CPU 4 GB memory 262 MB disk space ^[6]
SQL Server	SQL Server 2005 and higher ^[1]
OS	Windows 7 SP1/Windows Server 2008 R2 SP1 and higher ^[1]
Port	TCP ports 8285, 8286, 8288 on all SQL Server instances
Software	.NET Framework 4.7.2 or higher SQL Server 2008 or higher ^[1] , for the Central repository database
Note	SQL Server Express edition is not recommended for the Central repository database, due to the database size limitation

Permissions and additional requirements	<p>Windows user account with administrative privileges</p> <p>sysadmin SQL Server role</p> <p>See ApexSQL Manage – Permissions and requirements</p> <p>See Remote access for SQL Server instance</p>
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^[1] See [Supported systems](#) for exact version support

^[2] You can use the latest full-featured backwards compatible SQL Server Management Studio for free. [Click here](#)

Supported platforms

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 ^[4]									
	2005	2008	2012	2014	2016	2017		2019 CTP 3	
						Windows	Linux ^[3]	Windows	Linux ^[3]
ApexSQL Manage	✓	✓	✓	✓	✓	✓	✓	✓	✓

SQL Server edition ^[4]						
	Express	Standard	Enterprise	Azure SQL Database		Amazon RDS for SQL Server
				Single Database, Elastic Pool	Managed Instance	
ApexSQL Manage	✓	✓	✓			

Product licensing

ApexSQL offers 2 types of licenses:

1. Individual license

For applications licensed per user, an individual license is for the use of a single user only. This means that only 1 user can use 1 license. If there are multiple users, multiple licenses are needed.

For applications licensed per instance, an individual license is to be used on a single SQL Server instance only. If there are multiple instances, multiple licenses are needed.

2. Enterprise license

An enterprise license can be activated on an unlimited number of instances and can be used by an unlimited number of users, without geographical limitations.

Release History (release notes)

Release: 2020.07.0205

Date: February 25, 2021

Fixes:

- 197154: "Type 'Microsoft.Data.SqlClient.SqlException'" error is encountered when performing the "On all databases disable guest user (except on system and temp)" health check rule on databases in restoring state or in single user mode.
- 203233: Both ApexSQL Manage and ApexSQL Manage Agent windows service run as 32-bit applications on 64-bit operation systems.

Release: 2020.06.0201
Date: November 17, 2020

Enhancements:

- ApexSQL Job is now called to list, add, edit and remove SQL Server Agent jobs for a selected SQL Server instance
- The Activities tab offers an overview of operations performed on a SQL Server instance
- Rule parameters can now be configured from the health check rule wizard
- Health check analysis can now be automatically reinitiated after a FixSQL script successfully completes
- The Security health check rules are now complete with a new set of predefined rules

Fixes:

- 176593: Fix SQL script for the "Database Full Recovery mode must be enabled" health check rule doesn't recognize the target database
- 184521: "Can't connect to server" message is displayed when Fix SQL button is clicked for a server that is added manually or is not a part of a domain
- 173365: Documentation process is not stopped when Stop button in the Generating documentation dialog is used
- 192324: "DNS.Client.ResponseException: Invalid response received with code FormatError" error is encountered when performing DNS scan

Release: 2020.05.0172
Date: September 25, 2020

Enhancements:

- 36 new rules added to the Security category to extend the range of health check analysis

Fixes:

- 187389: The application stops responding after the login is created with SQL Server authentication
- 189280: "Please wait... Performing quick health check" message is shown after a quick health check is executed on the offline remote SQL Server instance
- 188980: When comparing a SQL Server instance with its snapshot the same name is displayed in source and target columns of the comparison grid creating confusion
- 189279: "Please wait. Refreshing..." message is shown and the application stops responding after its initial startup

Release: 2020.04.0150
Date: August 12, 2020

Enhancements:

- 13 new rules added to the Security category to extend the range of health check analysis

Fixes:

- Scheduled operations skip all targeted SQL Server instances when one SQL Server instance is in maintenance period

Changes:

- [Error handling and send logs functionality has been modified](#)

Release: 2020.03.0140
Date: July 08, 2020

Enhancements:

- ApexSQL Mask can now be called from the main menu
- The predefined health check rules can now be used as a template when creating new custom rules
- Newly discovered SQL Server instances can now be automatically added to the managed servers list after a scan process is completed

Fixes:

- All checked SQL Server instances are skipped when maintenance period is detected on one instance during the scheduled operation

Release: 2020.02.0130
Date: April 15, 2020

Enhancements:

- All managed jobs can now be scheduled
- Email notifications for scheduled jobs can now be configured
- Maintenance periods can now be defined

Fixes:

- Comparison results are not shown between two snapshots

Release: 2020.01.0086

Date: February 28, 2020

Features:

- Supports SQL Server 2005 and higher
- Discover and list SQL Server instances, SSRS, SSAS and SSIS services on network
- Perform health check on SQL Server instances and view statistics
- Run SQL scripts to fix failed health check issues
- Create SQL Server instance snapshots
- Make comparison between SQL Server instances and snapshots
- Create detailed documentation for SQL Server instances and snapshots
- Manage SQL Server logins
- Manage SQL Server health check rules
- View instance details for selected SQL Server
- Filter health check results
- Export results to WORD, PDF or XML
- [GUI themes](#)
- [High DPI and 4K resolution support](#)
- [Application telemetry now collects anonymous data on the use and performance of applications and application component](#)
- [ApexSQL Updater is added for configuring advanced updating settings of all installed ApexSQL products](#)

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- Sign up for product notifications
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- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
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