

ApexSQL[®] Analyze 2022.02.x

Release Notes

These release notes provide information about the ApexSQL[®] Analyze 2022.02.x which is a minor release.

Topics:

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About ApexSQL Analyze

ApexSQL Analyze analyzes graphical SQL Server database object dependencies and the impact of potential deletions on your SQL database. It determines object interrelationships within the database and allows dependency diagrams appearance customization.

New Features

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

Fixes:

- The "Failed to login. Internet connection is required to continue. Click Retry to try again" error is encountered on application start

Known issues:

- "The 'ApexSQLAnalyzeInstPackage' package did not load correctly" error is encountered when the Visual Studio 2019 16.7 version is started
- "Failed to authenticate the user in Active Directory (Authentication=ActiveDirectoryInteractive). Error code 0xno_client_id No ClientId was specified." Error is encountered when the Show dependencies feature is initiated and the user is connected to a remote server using Azure Active Directory - Universal with MFA authentication

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.

System requirements

Hardware	Dual Core 2.0 GHz CPU 4 GB memory 112 MB disk space
SQL Server	SQL Server 2005 and higher ^[1] Azure SQL Database ^[1] Amazon RDS for SQL Server ^[1]
Add-in integration	SQL Server Management Studio 2012 and higher ^[2] Visual Studio 2010 and higher ^[1]

OS	Windows 7 SP1/Windows Server 2008 R2 SP1 and higher ^[1]
Software	.NET Framework 4.7.2 or higher
Permissions and additional requirements	Windows user account with administrative privileges See Minimum permissions required to install and use ApexSQL products See Minimum SQL Server permissions for ApexSQL Developer tools See Remote access for SQL Server instance

^[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 ^[3]									
	2005	2008	2012	2014	2016	2017		2019 CTP 3	
						Windows	Linux ^[2]	Windows	Linux ^[2]
ApexSQL Analyze	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

Visual Studio add-in integration						
	2010	2012	2013	2015	2017	2019
ApexSQL Analyze	✓	✓	✓	✓	✓	✓

SQL Server Management Studio add-in integration					
	2012	2014	2016	17	18
ApexSQL Analyze	✓	✓	✓	✓	✓

^[2] Tested on Ubuntu 16.04

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

Release History [\(release notes\)](#)

Release: 2022.02.0228

Date: June 10, 2024

Fixes:

- The "Failed to login. Internet connection is required to continue. Click Retry to try again" error is encountered on application start

Release: 2022.01.0222

Date: May 12, 2022

Fixes:

- 211654: "Could not load file or assembly 'Microsoft.Identity.Client'" error is encountered when trying to connect to the Azure server with Active Directory - Universal with MFA type of authentication
- 211716: Couldn't connect to the targeted database in the case when using Azure Active Directory - Password authentication type while database name is typed in connection controls
- 211717: Couldn't connect to the targeted database in the case when using Azure Active Directory - Integrated authentication type while database name is typed in connection controls

Changes:

- [The activation model is switched to Subscription](#)
- The application does not support integration into SQL Server Management Studio 2012, 2014, and 2016 versions
- The application does not support integration into Visual Studio 2010, 2012, 2013, and 2015 versions

Known issues:

- "The 'ApexSQLAnalyzeInstPackage' package did not load correctly" error is encountered when the Visual Studio 2019 16.7 version is started
- "Failed to authenticate the user in Active Directory (Authentication=ActiveDirectoryInteractive). Error code 0xno_client_id No ClientId was specified." Error is encountered when the Show dependencies feature is initiated and the user is connected to a remote server using Azure Active Directory - Universal with MFA authentication

Release: 2020.02.0210

Date: April 14, 2021

Fixes:

- 205740: "Database '%database name%' not accessible for the user '%username%'" error is encountered when trying to Link database using ApexSQL Source Control when ApexSQL Analyze is integrated into SQL Server Management Studio
- 192415: "Object reference not set to an instance of an object" error is encountered when query execution is canceled due to endless running time in SQL Server Management Studio 18 when the ApexSQL Analyze is integrated into it
- 205741: "Unable to create data instance" error is encountered when "One click documentation" is used for ApexSQL Doc when ApexSQL Analyze is integrated into SQL Server Management Studio
- 204596: "A connection was successfully established with the server but then an error occurred during the pre-login handshake provider HTTP, error: 0 -)" error is encountered when trying to connect on the SQL Server which has Force Encryption option enabled

Changes:

- "Trust server certificate" option is added under the Connection options dialog

Release: 2020.01.0190

Date: August 24, 2020

Enhancements:

- [Application telemetry now collects anonymous data on the use and performance of applications and application components](#)
- [ApexSQL Updater is added for configuring advanced updating settings of all installed ApexSQL products](#)

Fixes:

- "Loading objects and dependencies failed" error is encountered when loading a database with objects that reference synonyms for tables or views

Changes:

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

Release: 2019.02.0163

Date: December 19, 2019

Enhancements:

- [SQL Server 2019 support](#)

Fixes:

- Depending columns for SQL view objects are not show in the Dependencies panel
- "Login failed for user" error is encountered when using the Active Directory - Integrated authentication in SQL Server Management Studio and when the Show dependencies command is initiated from the right-click context menu in Object Explorer
- SQL Server Management Studio stops working when the Show dependencies command is selected from the right-click menu in Object Explorer on a database without required permissions

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