

# ApexSQL<sup>®</sup> Doc 2024.01

## Release Notes

These release notes provide information about the ApexSQL<sup>®</sup> Doc 2024.01 which is a major release.

Topics:

- About ApexSQL Doc
- New features
- Getting Started
- System requirements
- Supported platforms
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- Release History
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## About ApexSQL Doc

ApexSQL Doc is a documentation tool for SQL Server instances, databases, objects, SQL Server Integration Services packages, SQL Server Analysis Services cubes, SQL Server Reporting Services reports, Tableau server sites and SharePoint Server farms. It generates comprehensive documentation in a number of formats including CHM, HTML, Microsoft Word's DOC and DOCX, PDF and Markdown.

## New Features

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

### Enhancements:

- SQL Server 2022 tolerant support
- SQL Server Management Studio 20 integration support

**Fixes:**

- 207400: "No relationship exists" information is shown in CHM output file format for the column level relationship when the SSAS Tabular database is documented
- 222845: The empty documentation will be generated when the SSISDB catalog or SSIS packages from the file system are documented using CLI
- 227122: "Connection to server [Server Name] has failed: database engine was not found" message will be shown for Azure databases when trying to run the script saved by using the "Save as automation script" feature
- 229207: Parse error: [Incorrect syntax near '@PartitionNumber'] when procedure has parameter after PARTITION token instead of integer number
- 229665: Generated chm file shows Script Error when expanding Project Parameters
- 229776: Missing project parameter values in generated documentation for Project Deployment Model
- 229876: "Encrypt connection" and "Trust server certificate" options from "Connection options" do not apply to all file formats

**Knowns issues and limitations:**

- 222997: "An internal error has occurred. An error record has been saved" error is encountered when SSAS multidimensional server mode with only Cubes option is used and CHM output file format is set and generated

## 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.

<b>Hardware</b>	Dual Core 2.0 GHz CPU 4 GB memory 137 MB disk space <sup>[6]</sup>
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<b>SQL Server</b>	SQL Server 2005 and higher <sup>[1]</sup> Azure SQL Database <sup>[1]</sup> Amazon RDS for SQL Server <sup>[1]</sup>
<b>SharePoint</b>	SharePoint Server 2013 and higher
<b>Tableau</b>	Tableau Online Tableau Server 9 and higher
<b>Add-in integration</b>	SQL Server Management Studio 18 and 20 <sup>[2]</sup> Visual Studio 2010 and higher <sup>[1]</sup>
<b>OS</b>	Windows 7 SP1/Windows Server 2008 R2 SP1 and higher <sup>[1]</sup>
<b>Software</b>	<a href="#">.NET Framework 4.7.2</a> or higher <a href="#">Help Compiler</a> <a href="#">Active Scripting enabled for current zone</a>
<b>Permissions and additional requirements</b>	Windows user account with administrative privileges  See <a href="#">ApexSQL Doc – Permissions and requirements</a>  See <a href="#">Remote access for SQL Server instance</a>

<sup>[1]</sup> See [Supported systems](#) for exact version support

<sup>[2]</sup> 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 <sup>[3]</sup>											
	2005	2008	2012	2014	2016	2017		2019 CTP 3		2022 <sup>[5]</sup>	
						Windows	Linux <sup>[2]</sup>	Windows	Linux <sup>[2]</sup>	Windows	Linux <sup>[2]</sup>
ApexSQL Doc	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SQL Server edition <sup>[4]</sup>						
	Express	Standard	Enterprise	Azure SQL Database		Amazon RDS for SQL Server
				Single Database, Elastic Pool	Managed Instance	
ApexSQL Doc	✓	✓	✓	✓	✓	✓

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

SQL Server Management Studio add-in integration					
	18	20			
ApexSQL Doc	✓	✓			

Business intelligence			
	SSIS	SSRS	SSAS
ApexSQL Doc	✓	✓	✓

<sup>[3]</sup> Tested on Ubuntu 16.04

<sup>[4]</sup> Including Amazon EC2, Google Compute Engine, and Azure Virtual Machine cloud computing SQL Server instances.

<sup>[5]</sup> Tolerant support

## Release History (release notes)

Release: 2024.01.1319  
Date: August 21, 2024

**Fixes:**

- Bug 234060: Fixed the issue where ignoring the 'Trust Server Certificate' connection setting caused an error in the Query window

Release: 2024.01.1316  
Date: July 5, 2024

**Enhancements:**

- SQL Server 2022 tolerant support
- SQL Server Management Studio 20 integration support

**Fixes:**

- 207400: "No relationship exists" information is shown in CHM output file format for the column level relationship when the SSAS Tabular database is documented
- 222845: The empty documentation will be generated when the SSISDB catalog or SSIS packages from the file system are documented using CLI
- 227122: "Connection to server [Server Name] has failed: database engine was not found" message will be shown for Azure databases when trying to run the script saved by using the "Save as automation script" feature
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- 229876: "Encrypt connection" and "Trust server certificate" options from "Connection options" do not apply to all file formats

**Knowns issues and limitations:**

- 222997: "An internal error has occurred. An error record has been saved" error is encountered when SSAS multidimensional server mode with only Cubes option is used and CHM output file format is set and generated

Release: 2022.02.1183  
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
- 222468: "Can't reach this page" error is encountered when an Integration Services package documented in CHM format contains string above 319 character long

- 223900: A database snapshot is not created when the Generated database snapshot feature is used
- 224471: The application crashes when documenting Analysis Services Cube structured data in CHM or HTML file format
- 225993: The "Input String was not in the correct format" message is shown when generating documentation of an .rdl file in Doc/Docx/PDF file format

Release: 2022.01.1174  
Date: October 10, 2022

#### Fixes:

- 200176: "It may have been moved, edited, or deleted" error is encountered when generating documentation for a server that has a four-part DNS name in its name
- 203577: The application freezes and becomes unresponsive when loading an SSISDB catalog that contains more than 50 SSIS packages
- 203595: Loading SSIS packages from the SSISDB catalog is slow
- 180942: "This page can't be displayed" error is encountered when the SSIS package is documented in CHM output file format
- 192963: Missing Headers in Doc and HTML output file formats
- 221383: SSIS packages from the SSISDB catalog will be saved in the "Temp" folder when the documentation process is done
- 220647: "Can't reach this page" will be shown in the CHM documentation when the SSIS package which contains "%" in Description is documented
- 211540: "Could not load file or assembly 'Microsoft.Identity.Client'" error is encountered when trying to connect to the Azure server with Active Directory - Integrated type of authentication
- 211653: "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
- 211714: "Could not load file or assembly 'Microsoft.Identity.Client'" error is encountered when trying to connect to the Azure server with Active Directory - Password type of authentication

#### 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 'ApexSQLDocInstPackage' package did not load correctly" error is encountered when the Visual Studio 2019 16.7 version is started
- Generated Word and PDF files do not contain any data when documenting Tableau Online and Tableau Server Version 10 and above

Release: 2020.01.1135

Date: November 02, 2020

#### Enhancements:

- SQL Server Analysis Services compatibility level for Tabular models 1500 support
- The Activate button is added under the Resources menu in SQL Server Management Studio and Visual Studio
- [Application telemetry now collects anonymous data on the use and performance of applications and application components](#)
- [New ApexSQL Updater allows users to configure advanced updating settings of all installed ApexSQL products](#)

#### Fixes:

- 178551: Unable to document Project parameters from the SSISDB catalog
- 184089: All objects are checked after a database is filtered by object type and object name, and the Check all option is checked
- 186772: The application does not document the Database description in a Tabular SSAS database
- 183438: The header is missing in the CHM documentation when the identity between two tables is created
- 178669: The header is not aligned with the data in the CHM file format
- 185898: The previously documented Analysis services are documented along with Integration services even though Analysis services were not selected for the documentation process

#### Changes:

- The application is now part of the ApexSQL DevOps Plus Toolkit for SQL Server bundle
- [Error handling and send logs functionality has been modified](#)

Release: 2019.01.1123

Date: December 16, 2019

#### Enhancements:

- [SQL Server 2019 support](#)
- Markdown output format is added under the File format tab in the Output options section
- SSIS package store (SQL Server 2019) is added under the Add integration service package dialog

#### Fixes:

- Descriptions for SSAS tables are not generated in the documentation for all output formats
- When two SQL jobs with the same name are scheduled, only one is executed and documentation is created
- "Too many file packages are selected for documenting" error is encountered when more than 25 packages are selected for documentation



## Changes:

- /performance\_intensive\_items switch is renamed into /performance\_intensive\_items

Release: 2018.06.1100

Date: October 09, 2019

## Enhancements:

- [Visual Studio 2019 integration support](#)

## Fixes:

- Document server properties are not documented in the PDF and DOCX output file formats
- "Could not load file or assembly" error is encountered when the Template check box is right-clicked in the Naming tab from Output options
- "Couldn't connect to SSIS AcriveXScriptPackage.dtsx" message is shown when trying to connect to SSIS project file
- "Object reference is not set to an instance of an object" error is encountered when any ApexSQL Doc command is clicked from main menu in Visual Studio 2017
- "Could not load file or assembly" error is encountered when the Open button is clicked from the Home tab to open a saved project
- Roles and Mining structures are not documented on SSAS Multidimensional model
- The application cannot be uninstalled if any version of SQL Server Management Studio is running, even though the application is not integrated in it
- The application cannot be uninstalled if any version of Visual Studio is running, even though the application is not integrated in it
- The application can be integrated into any version of SQL Server Management Studio that is currently running
- Saved project file can not be opened with double-click on it
- "Could not find a part of the part" error is encountered when the Server engine is documented with the Linked servers option in the HTML output file format
- Cannot change database table and column description at the same time when using the Extended property editor
- Graphical dependencies option is not checked when clicked under the Database options tab
- Dependency layout option is changing when the Graphical dependencies option is checked under the Database option tab
- Hierarchical dependency layout is not default layout under the Database options tab
- Server object options are not reverted to defaults values when a new project is initiated
- "Can't reach this page" error is encountered in documentation for the DDL triggers graphical dependencies
- "Object reference is not set to an object instance" error is encountered while generating documentation for tabular model under the Analysis services
- The application cannot be integrated into any SQL Server Management Studio or Visual Studio version through the silent installation

- The uninstall confirmation message box appears when the /verysilent and /suppressmsgboxes options from CLI are used
- SSRS objects are being duplicated in generated documentation
- Missing options to set the Connection timeout for Tableau server
- Connection to Tableau server cannot be canceled
- "Could not find any resources appropriate for the specified culture or the neutral culture" error is encountered when generating documentation while using SharePoint farm
- "Illegal characters in path" error is encountered while generating documentation for Tabular model under the Analysis services
- Documenting SQL Server instance fails when Alerts exist on SQL Server
- The application includes snapshots in documentation that are not selected when PDF file format is selected
- "Object reference not set to an instance of an object" error message is shown for the AW2014Master database in HTML file format
- "The given key was not present in the dictionary" error is encountered when generating multiple packages of SSIS documentation for DOC and DOCX file format in the CLI
- "The process cannot access the file" error is encountered when generating documentation for multiple databases in CHM and HTML file format in the CLI
- Selected server objects are not shown in the Save as automation script window

#### Changes:

- /analysys\_services\_databases switch is renamed into /analysis\_services\_databases
- /exclude\_analysys\_services\_databases switch is renamed into /exclude\_analysis\_services\_databases

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- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
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