ApexSQL Mask

Version 2020.x

Release Notes and Requirements

System requirements

Hardware	Dual Core 2.0 GHz CPU 3 GB memory 118 MB disk space
SQL Server	SQL Server 2005 and higher [1] Azure SQL Database [1] Amazon RDS for SQL Server [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

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 Mask](#)	✓	✓	✓	✓	✓	✓	✓	✓	✓

SQL Server edition [3]						
	Express	Standard	Enterprise	Azure SQL Database		Amazon RDS for SQL Server
				Single Database, Elastic Pool	Managed Instance	
[ApexSQL Mask](#)	✓	✓	✓	✓	✓	✓

[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:	2020.01.0192
Date:	April 30, 2020

Enhancements:

- Use SQL value to mask data
- Parallel mask execution
- [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:

- "Invalid column name" message is shown when the masked process from the Home ribbon is started

Release:	2019.04.0169
Date:	February 24, 2020

Fixes:

- The backup of the original database before data masking option does not save the backup of original SQL database before masking process is started
- Custom filter added from the Manage data classification filters window is removed from an assigned SQL objects when the Refresh button is used twice in the main grid
- "Object reference not set to an instance of an object" error is encountered when the customer filter is added under the Manage data classification filters window and the SQL database in the main grid is refreshed

Release:	2019.03.0159
Date:	October 17, 2019

Enhancements:

- Edit predefined filters

Fixes:

- "Object reference not set to an instance of an object" error is encountered when importing file to the Redaction rule
- SQL data is not masked when masking process is finished using the automation script
- SQL data is not masked when SQL Server authentication is used in the automation script
- "Invalid object name 'dbo.CO_stg_ConstructionPossessionDate'" error is encountered when creating substitution mask
- Multi selection is not working in the Apply to the columns dialog
- The Save the project dialog does not show when close a project by pressing the Close (X) button on the top right corner of the application
- "Application ApexSQL Mask already running. Only one instance is allowed" message is shown when the automation script is running
- The dialog is shown in wrong order when the filter with the same name is created
- Browse button under the Find what field in the Create redaction mask dialog open slow when it is used for the first time
- The predefined generators are shown two times under the Manage masks dialog "Could not load file or assembly 'Microsoft.IdentityModel.Clients.ActiveDirectory,Version=4.5.1.0'" error is encountered when using Active Directory Universal with MFA support
- "C:\Users\PC-name\Desktop\AutomationScript_2019064_12-00-32.45.ps1 cannot be loaded" error is encountered when starting the PowerShell script from the desktop location
- Classified columns are all unchecked when only selected columns are unchecked in the Manage masks dialog
- "Selected file cannot be imported as redaction mask" message is shown even if importing file is canceled under the Manage masks dialog
- "Invalid column name 'TSTAMP'" error is encountered when saved SQL script is opened in the default editor
- "Invalid column name 'TS'" error is encountered when saved SQL script is opened in the default editor

Release:	2019.02.0097
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:	2019.02.0086
Date:	April 18, 2019

Fixes:

- "Unable to cast object of type varchar to XML" error is encountered when trying to connect to a database that contains table with the XML data type
- The original data in the rows is not completely masked due to invalid WHERE clause syntax when masking process is finished

- "Could not load file or assembly" error is encountered when connecting to a server with the Active Directory - Universal with MFA support
- "Object reference not set to an instance of an object" error is encountered when the OK button is clicked in the Connection options dialog after changing value for timeout options

Release:	2019.01.0070
Date:	March 19, 2019

Features:

- [High DPI and 4K resolution support](#)
- Supports SQL Server 2005 or higher, Azure SQL Database and Amazon RDS for SQL Server
- Leverage 220+ pre-defined data masks
- Automatic sensitive data classification
- Mask data at column and/or row level
- Overwrite the original database or create the masking script
- View full database masking job summary
- Utilize 55+ built in data classification filters
- View before-and-after masked data
- Create and edit sensitive data masks
- Import and export masks and filters
- Create and edit data classification filters
- Choose from substitution or redaction masks
- Visualize database-level data masking profile
- Sensitive data masking
- CLI support for executing project files [/pr]
- Save project as automation script
- GUI themes