

# ApexSQL<sup>®</sup> Decrypt 2022.x

## Release Notes

These release notes provide information about the ApexSQL<sup>®</sup> Decrypt 2022.x which is a major release.

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## About ApexSQL Decrypt

ApexSQL Decrypt is a SQL Server development tool that can decrypt SQL objects from multiple SQL databases, located on different SQL Servers. Before decryption, the original DDL script can be previewed in the Query window as the CREATE or ALTER script type. Decryption can be done directly on a database, or by creating one SQL script for all objects or one SQL script per object.

## New Features

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

Enhancements:

- [Application telemetry now collects anonymous data on the use and performance of applications and application components](#)

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

Known issues:

- "The 'ApexSQLDecryptInstPackage' package did not load correctly" error is encountered when the Visual Studio 2019 16.7 version is started

## 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 3 GB memory 80 MB disk space
<b>SQL Server</b>	SQL Server 2005 and higher <sup>[1]</sup>
<b>Add-in integration</b>	SQL Server Management Studio 2012 and higher <sup>[2]</sup> Visual Studio 2010 and higher <sup>[1]</sup>

OS	Windows 7 SP1/Windows Server 2008 R2 SP1 and higher <sup>[1]</sup>
Software	.NET Framework 4.7.2 or higher
Permissions and additional requirements	Windows user account with administrative privileges See <a href="#">Minimum permissions required to install and use ApexSQL products</a> See <a href="#">Minimum SQL Server permissions for ApexSQL Developer tools</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>[4]</sup>									
	2005	2008	2012	2014	2016	2017		2019 CTP 3	
						Windows	Linux <sup>[3]</sup>	Windows	Linux <sup>[3]</sup>

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

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

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

[3] Tested on Ubuntu 16.04

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

## Release History (release notes)

Release: 2022.01.0140

Date: May 12, 2022

### Enhancements:

- [Application telemetry now collects anonymous data on the use and performance of applications and application components](#)

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

### Known issues:

- "The 'ApexSQLDecryptInstPackage' package did not load correctly" error is encountered when the Visual Studio 2019 16.7 version is started

Release: 2021.01.0124

Date: November 02, 2020

### Enhancements:

- [New ApexSQL Updater allows users to configure advanced updating settings of all installed ApexSQL products.](#)

### Changes:

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

Release: 2020.02.0117

Date: October 09, 2020

Fixes:

- 175242: The application is not automatically closed during the update process

Release: 2020.01.0113  
Date: March 12, 2020

Enhancements:

- [SQL Server 2019 support](#)

Fixes:

- The application cannot be installed if any version of SQL Server Management Studio is running, even though the application is not integrated in it
- The application cannot be installed if any version of Visual Studio is running, even though the application is not integrated in it
- 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 Connection window can't be shown in SQL Server Management Studio 18 after integrating in it
- Decrypt object right-click command in Object Explorer of SQL Server Management Studio is not working
- The application's add-in is integrated in SQL Server Management Studio when installed via ApexSQL Installer
- The application is not integrated into Visual Studio 2019, even though it was checked for the integration in the installation wizard
- Decrypt items are missing in the right-click context menu of Object Explorer in SQL Server Management Studio 2018
- Blank warning message is shown when decrypting system view in SQL Server Management Studio

Changes:

- Dark theme is now used as the default application theme
- Save as dialogs are now inheriting the application theme

Release: 2018.02.0104  
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: 2018.02.0100

Date: June 13, 2019

#### Enhancements:

- SQL Server 2019 CTP 2.0 support
- [SQL Server Management Studio 18 integration support](#)
- [Visual Studio 2019 integration support](#)
- [New error handling and send logs functionality](#)
- [Improved application installer with a dark theme](#)
- [New application icon](#)

#### Fixes:

- "The line endings in the following file are not consistent. Do you want to normalize the line endings?" message is encountered after opening the generated decryption script in SQL Server Management Studio
- Checked objects for the decryption process are not saved to a project file
- The Results grid is not refreshed after the Decrypt now action is performed
- "Object reference not set to an instance of an object" error is encountered when the default SQL Server instance hosted on machine with the changed name is added as the (local)
- The encrypted objects are not first from the top when the grouping option is changed from the Object type to Encryption state and back
- Checking/unchecking loaded SQL Server also collapses/expands node in the Results grid
- The check boxes next to the server name, database name, and object type in the Results grid are not working when a couple of objects were previously checked
- The Refresh button or Refresh command from the right-click menu doesn't refresh loaded SQL Server
- "No objects found" message is shown in the Results grid in the Name column for all objects when the Clear grouping option is used from the right-click context menu for columns
- The Group by option is disabled for the Database column in the Results grid
- Encrypted and unencrypted objects are counted for total number of checked and excluded objects in the Status bar, even though only encrypted objects can be checked
- The canceling command during the process of loading the server/databases doesn't cancel the mentioned process and continues to load the selected databases
- "Index was outside the bounds of the array" error is encountered when adding multiple SQL Servers and then using the Del key to remove one of them
- The silent installer is stopped when the application needs to automatically download and install .NET Framework, even when the /verysilent switch is used
- "Cannot save settings" error is encountered when the script is opened in the Integrated editor and the SQL Server Management Studio 17 is selected
- "At least one object type must be checked, otherwise nothing will be shown in the grid" message is shown when the new project is initiated, while there was an existing one
- The application is not loading newly created databases when the Refresh button from the Home tab is clicked for selected SQL Server

- "Cannot open database "DBname" requested by the login" message is shown when a database is deleted from loaded SQL Server and the Refresh command is clicked in the right-click context menu
- "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
- The uninstall confirmation message appears when the /verysilent and /suppressmsgboxes switches are used when performing silent installation
- The application can be integrated into any version of SQL Server Management Studio that is currently running

#### Changes:

- The application now requires Microsoft .NET framework 4.7.2
- Backup database before decryption is now unchecked by default

Release:	2018.01.0062
Date:	February 07, 2018

#### Enhancements:

- Visual Studio integration support
- [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](#)

#### Fixes:

- The add-in cannot be integrated into SQL Server Management Studio 2016 when it's the only ApexSQL add-in installed
- "Microsoft SQL Server Management Studio 17 is not installed. Please install this version to integrate into" message is shown in the add-in integration step of the installation wizard when SQL Server Management Studio 17.4 is installed
- "The type initializer for 'ApexSql.Common.Misc.ProductInfo' threw an exception" error is encountered when the Get updates function is clicked in SQL Server Management Studio
- The add-in icons disappear in SQL Server Management Studio 2012 and 2014 when installed in parallel with any other ApexSQL add-in product released after January 22, 2018
- The Update window is not shown upon starting the application when a new version is available
- "Unable to execute file C:\Program Files\ApexSQL Decrypt\Registrar.exe" error is encountered while installing the application and when all or one SQL Server Management Studio version is checked for integration except for SQL Server Management Studio 2016
- "Object reference not set to an instance of an object" error is encountered when SQL Server Management Studio is chosen as the editor in the Output type step of the Decryption wizard
- "A network-related or instance-specific error occurred while establishing a connection to SQL Server" error is encountered while establishing a connection to a remote SQL Server



- SQL Server Management Studio stops working when the Decrypt object command is selected from the right-click context menu in Object Explorer
- "Specified method is not supported" error is encountered when a deleted database from already connected SQL Server is refreshed with a context menu command
- "No object found" message is shown in the Results grid when using the Check/Uncheck all and Object filter options
- The added default SQL Server instance cannot be removed
- When expanding databases for the default SQL Server instance, all sub-elements will be displayed without any name

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- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.

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## Legend

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

 **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.