

# ApexSQL® Unit Test 2019.x

## Release Notes

These release notes provide information about the ApexSQL® Unit Test 2019.x which is a patch release.

Topics:

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## About ApexSQL Unit Test

ApexSQL Unit Test is a SQL Server Management Studio add-in, to maintain and run SQL database unit tests. It allows you to create unit tests and organize them in test classes. In addition, a single test case can be executed, as well as all tests from a single class or all tests against a single database with just a single click. Test execution can be automated using the CLI, along with exporting test execution results to XML, SQL script, or SQL database table.

## New Features

This version of ApexSQL Unit Test introduces the following new features and enhancements:

**Fixes:**

- 195497: "Object reference not set to an instance of an object" error message is shown on SQL Server Management Studio startup after the add-in installation

## Getting Started

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

## System requirements

Hardware	Dual Core 2.0 GHz CPU 4 GB memory 63.1 MB disk space
SQL Server	SQL Server 2005 and higher <sup>[1]</sup> Azure SQL Database <sup>[1]</sup>
Add-in integration	SQL Server Management Studio 2012 and higher <sup>[2]</sup>
OS	Windows 7 SP1 / Windows Server 2008 R2 SP1 or higher <sup>[1]</sup>
Software	<a href="#">.NET Framework 4.7.2</a> or higher
Note	The most recent version of tSQLt can be found on <a href="#">this link</a>
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>[3]</sup>									
	2005	2008	2012	2014	2016	2017		2019 CTP 3	
						Windows	Linux <sup>[2]</sup>	Windows	Linux <sup>[2]</sup>
ApexSQL Unit Test	✓	✓	✓	✓	✓	✓	✓	✓	✓

SQL Server edition <sup>[3]</sup>						
	Express	Standard	Enterprise	Azure SQL Database		Amazon RDS for SQL Server
				Single Database, Elastic Pool	Managed Instance	
ApexSQL Unit Test	✓	✓	✓			

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

ApexSQL Unit Test	✓	✓	✓	✓	✓
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<sup>[2]</sup> Tested on Ubuntu 16.04

<sup>[3]</sup> Including Amazon EC2, Google Compute Engine, and Azure Virtual Machine cloud computing SQL Server instances

## 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 Notes [\(release history\)](#)

Release: 2019.02.0179

Date: February 12, 2021

Fixes:

- 195497: "Object reference not set to an instance of an object" error message is shown on SQL Server Management Studio startup after the add-in installation

Release: 2019.01.0175

Date: December 19, 2019

Enhancements:

- SQL Server 2019 support

Fixes:

- The uninstall confirmation message box appears is shown when the /verysilent and /suppressmsgboxes switches are used
- "BatchCompleted error" error is encountered in SQL Server Profiler when SQL Server Management Studio is started

Release: 2018.04.0170

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: 2018.04.0164

Date: May 02, 2019

Fixes:

- The add-in doesn't integrate with SQL Server Management Studio 18 GA version

Release: 2018.03.0147

Date: February 11, 2019

Fixes:

- SQL Server Management Studio stops working when the Unit Test explorer button from the add-in toolbar is clicked for a SQL Server Analysis Services instance
- SQL Server Management Studio stops working when the Unit Test explorer button from the add-in toolbar is clicked for a SQL Server Reporting Services instance

Changes:

- The application now requires Microsoft .NET framework 4.7.2

Release: 2018.02.0146

Date: November 09, 2018

Enhancements:

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

Fixes:

- Creation of the sample database and Demo kit never ends

Release: 2018.01.0131

Date: July 16, 2018

Enhancements:

- [New application icon](#)
- [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 application repeatedly asks for the activation key when it is started on an Amazon EC2 instance after the virtual machine resources were deallocated and allocated again
- "Unable to get versions info" error occurs when we try to install tSQLt framework from Web source
- A new query with a unit test template does not open when creating a new test class
- The first letter of the unit test name will be removed if an empty space is not used when specifying a name of the new unit test
- SQL Server Management Studio 2012 and 2014 stops working upon starting it with add-in installed from ApexSQL Installer
- The add-in isn't integrated into SQL Server Management Studio when it is installed via the Single installer for all tools

Known limitations:

- "SQL Server Management Studio has stopped working" error is encountered when the Unit Test explorer command is clicked on against:
  - SQL Server Analysis Services instance
  - SQL Server Integration Services instance
  - SQL Server Reporting Services instance

# About us

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Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

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- 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.