ApexSQL® Unit Test 2022.x

Release Notes

These release notes provide information about the ApexSQL® Unit Test 2022.x which is a patch release.

Topics:

- About ApexSQL Unit Test
- New features
- Getting Started
- System requirements
- Supported platforms
- Product licensing
- Release History
- About us

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:

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

Changes

- The activation model is switched to Subscription
- The application does not support integration into SQL Server Management Studio 2012, 2014, and 2016 versions

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 [1] Azure SQL Database [1]
Add-in integration	SQL Server Management Studio 2012 and higher [2]
OS	Windows 7 SP1 / Windows Server 2008 R2 SP1 or higher [1]
Software	.NET Framework 4.7.2 or higher
Note	The most recent version of tSQLt can be found on this link
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 Unit Test	✔	✔	✔	✔	✔	✔	✔	✔	✔

SQL Server edition [3]						
	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	✔	✔	✔	✔	✔

[2] Tested on Ubuntu 16.04

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

Release Notes (release history)

Release: 2022.01.0193
Date: October 10, 2022

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

Changes

- The activation model is switched to Subscription
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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

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Legend

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