

# ApexSQL Database Power Tools for VS Code

Version 2020.x

Release Notes and Requirements

## System requirements

<b>Hardware</b>	Dual Core 1.6 GHz CPU 1 GB memory 261 MB disk space
<b>Server</b>	MySQL Server 5.6 and higher <sup>[1]</sup> MariaDB Server 10.1 and higher <sup>[1]</sup> Azure Database for MySQL <sup>[1]</sup> Azure Database for MariaDB <sup>[1]</sup> Amazon RDS for MySQL <sup>[1]</sup> Amazon RDS for MariaDB <sup>[1]</sup> Amazon Aurora for MySQL <sup>[1]</sup>
<b>Add-in integration</b>	Visual Studio Code 1.38 and higher <sup>[1]</sup>
<b>OS</b>	Windows 7 and higher <sup>[1]</sup> OS X Yosemite (10.10) and higher <sup>[1]</sup> Ubuntu Desktop 14.04 and higher <sup>[1]</sup> Debian 7 and higher <sup>[1]</sup> Red Hat Enterprise Linux 7 and higher <sup>[1]</sup> CentOS 7 and higher <sup>[1]</sup> Fedora 23 and higher <sup>[1]</sup>

## 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
✓	✓	✓	✓	✓

macOS version					
OS X 10.10 Yosemite	OS X 10.11 El Capitan	macOS 10.12 Sierra	macOS 10.13 High Sierra	macOS 10.14 Mojave	macOS 10.15 Catalina
✓	✓	✓	✓	✓	✓

Linux edition				
CentOS <sup>[7]</sup>	Debian <sup>[7]</sup>	Fedora <sup>[7]</sup>	Red Hat Enterprise Linux <sup>[7]</sup>	Ubuntu Desktop <sup>[7]</sup>
✓	✓	✓	✓	✓

Visual Studio Code add-in integration	
	1.38 and above
<a href="#">ApexSQL Database Power Tools for VS Code</a>	✓

MySQL Server version			
	5.6	5.7	8.0
<a href="#">ApexSQL Database Power Tools for VS Code</a>	✓	✓	✓
<a href="#">ApexSQL Doc for MySQL</a>			✓
<a href="#">ApexSQL Search for MySQL</a>	✓	✓	✓

MySQL Server edition <sup>[3]</sup>						
	Community	Standard	Enterprise	Cluster CGE	Azure Database for MySQL Server	Amazon RDS for MySQL
<a href="#">ApexSQL Database Power Tools for VS Code</a>	✓	✓	✓	✓	✓	✓
<a href="#">ApexSQL Doc for MySQL</a>	✓	✓	✓	✓		
<a href="#">ApexSQL Search for MySQL</a>	✓	✓	✓	✓	✓	✓

MariaDB Server version				
	10.1	10.2	10.3	10.4
<a href="#">ApexSQL Database Power Tools for VS Code</a>	✓	✓	✓	✓

<a href="#">ApexSQL Search for MySQL</a> <sup>[6]</sup>	✓	✓	✓	✓
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MariaDB Server edition <sup>[3]</sup>				
	Community	Enterprise	Azure Database for MariaDB	Amazon RDS for MariaDB
<a href="#">ApexSQL Database Power Tools for VS Code</a>	✓	✓	✓	✓
<a href="#">ApexSQL Search for MySQL</a>	✓	✓	✓	✓

[1] Central repository requires SQL Server 2008 or greater. SQL Server Express edition is not recommended due to the database size limitation

[2] Tested on Ubuntu 16.04

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

[4] Azure DevOps Server (TFS) <sup>[5]</sup> / Azure DevOps Services

[5] Up to the latest version

[6] The Object search feature does not support Temporal Data Tables in MariaDB Server 10.3 and above

[7] Supported versions: CentOS 7 and above, Debian 7 and above, Fedora 23 and above, Red Hat Enterprise Linux 7 and above, Ubuntu Desktop 14.04 and above

## Getting Started

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

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

Release: 2020.5.35  
Date: August 25, 2020

### Fixes:

- "Error generating script: COM Interop is not supported on this platform" error is encountered when any command is clicked in the right-click context menu of ApexSQL server explorer on macOS and Linux operating systems

Release: 2020.05.30  
Date: August 17, 2020

### Enhancements:

- The extension now supports text search within MySQL Sever and MariaDB databases
- Navigate to a column in ApexSQL server explorer from found data in the Results grid
- The extension now supports export of text search results to Excel, CSV, JSON, and HTML file formats

### Fixes:

- Users are not listed under the Users folder in ApexSQL server explorer for MariaDB 10.4 and higher versions
- DDL and DML scripts are generated incorrectly when user accounts contain special characters

Release: 2020.3.19  
Date: July 27, 2020

### Fixes:

- Click on the Find button in the Object search window does not start search for objects if the OS regional format date is not English (United States)

Release: 2020.2.18  
Date: July 07, 2020

### Enhancements:

- Search for objects within MySQL and MariaDB databases
- Quickly find MySQL and MariaDB objects in ApexSQL server explorer
- Save object search results to HTML, CSV, JSON, and XML
- Show MySQL Server users in the ApexSQL server explorer tree view
- Generate Create, Change password, Drop, Grant privileges and Show privileges statements for users
- Show system databases in a separate node of the ApexSQL server explorer tree view
- Query execution on system databases
- The Execute button is added in the query editor

## Fixes:

- The "{NULL}" value appears in the empty cells when export results in the HTML format
- The Export to CSV does not work correctly for the values that have a comma (,) punctuation mark
- Connection name in the ApexSQL server explorer pane does not change automatically when the connection in the Connect to server dialog is updated (edited)
- Wrong tooltips for the SSH and SSL tabs in the Connect to server dialog are shown
- "Server already added" message is shown when trying to connect to different MySQL server on the same host with SSH protocol
- Wrong syntax for the Drop index statement is generated when the Show DROP script command is used

## Changes:

- The extension now supports Visual Studio Code 1.44.1 and higher versions
- The query results pane now appears at the bottom of the query editor

Release:	2020.1.17
Date:	May 7, 2020

## Features:

- MySQL Server 5.6 and higher support
- MariaDB Server 10.1 and higher support
- Azure Database for MySQL support
- Azure Database for MariaDB support
- Amazon RDS for MySQL support
- Amazon RDS for MariaDB support
- Amazon Aurora MySQL support
- Visual Studio Code 1.38.0 and higher support
- Cross-platform support
- Query execution

- Display query results in Grid format
- Generate Create, Insert, Update, Alter, Drop, Delete statements
- Save results to HTML, Excel, CSV, and JSON
- [GUI themes](#)
- [High DPI and 4K resolution support](#)
- [Visual Language Dictionary for Visual Studio for iconography and other imagery concepts applied](#)
- [Application telemetry now collects anonymous data on the use and performance of applications and application component](#)