

ApexSQL Diff for MySQL

Version 2020.x

Release Notes and Requirements

System requirements

Hardware	Dual Core 2.0 GHz CPU 3 GB memory 151 MB disk space
MySQL Server	MySQL Server 5.6 and higher ^[1] MariaDB Server 10.1 and higher ^[1] Azure Database for MySQL ^[1] Azure Database for MariaDB ^[1] Amazon RDS for MySQL ^[1] Amazon RDS for MariaDB ^[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

^[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](#)

^[3] The minimum required version

^[4] Azure DevOps Server (TFS) ^[5] / Azure DevOps Services

^[5] Up to the latest version

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
✓	✓	✓	✓	✓

MySQL Server version			
	5.6	5.7	8.0
ApexSQL Diff for MySQL	✓	✓	✓

MySQL Server edition ^[3]						
	Community	Standard	Enterprise	Cluster CGE	Azure Database for MySQL Server	Amazon RDS for MySQL
ApexSQL Diff for MySQL	✓	✓	✓	✓	✓	✓

MariaDB Server version				
	10.1	10.2	10.3	10.4
ApexSQL Diff for MySQL	✓	✓	✓	✓

MariaDB Server edition ^[3]				
	Community	Enterprise	Azure Database for MariaDB	Amazon RDS for MariaDB
ApexSQL Diff for MySQL	✓	✓	✓	✓

^[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) ^[5] / 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](#) or [ApexSQL Getting Started](#).

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

Release:	2020.01.0051
Date:	May 28, 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
- Ignore comparison options:
 - Case
 - Case in names
 - Column order
 - Constraint names
- Synchronization options:
 - Script database name
 - Script Use for database
 - Use Drop/Create statements instead of Alter for different procedures, functions, triggers and views
 - Use Drop/Create statements instead of Alter for different tables
- Associates columns having similar names
- Filters object types or specific objects before the comparison
- Exports comparison results into:
 - HTML simple report
 - HTML interactive report
 - HTML schema report
 - Excel report
 - XML schema difference export
 - Comparison summary
- Filters compared objects with the Object filter and Difference filter panels
- Quickly determines specific type of differences of compared objects in the Difference by type panel
- Examines character-level differences between compared objects in the Script difference view panel
- Includes dependent database objects in synchronization script
- Pre-synchronization warnings and actions
- Output actions:
 - Save synchronization script to a file
 - Open synchronization script in the Integrated editor for editing prior to execution
 - Synchronize now executes the synchronization script directly on a destination database
- [Save project as automation script](#)
- Command line interface
- Plays a sound upon finished operation:
 - Comparison
 - Synchronization
 - Comparison and synchronization
- [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](#)
- [ApexSQL Updater is added for configuring advanced updating settings of all installed ApexSQL products](#)