

ApexSQL Data Diff for MySQL 2020

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 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](#)

^[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 Data Diff for MySQL	✓	✓	✓

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

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

MariaDB Server edition ^[3]				
	Community	Enterprise	Azure Database for MariaDB	Amazon RDS for MariaDB
ApexSQL Data 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, 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: 2020.01.0028

Date: September 16, 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

- Object types to compare:
 - Tables
 - Views
- Object types to compare:
 - Compare floats using maximum precision
 - Ignore Blob columns
 - Ignore case in table/view names
 - Ignore case in text data types
 - Ignore computed columns
 - Ignore leading and trailing spaces
 - Ignore new objects
 - Ignore Timestamp columns
 - Ignore underscores in table/view names
 - Treat empty strings and nulls as equal
- Synchronization options:
 - Script Use for database
- Customizes object mapping
- Filters object types, or specific objects, or specific rows before the comparison
- Exports comparison results into:
 - HTML simple report
 - HTML interactive report
 - Excel report
 - CSV data report
- Examines data differences between compared objects in the Data difference view panel
- 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 collects anonymous data on the use and performance of application and application component](#)
- [ApexSQL Updater configures advanced updating settings of all installed ApexSQL products](#)