

ApexSQL® Diff for MySQL 2020.x

Release Notes

These release notes provide information about the ApexSQL® Diff for MySQL2020.x which is a minor release.

Topics:

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About ApexSQL Diff for MySQL

ApexSQL Diff for MySQL is a MySQL Server, Azure Database and Amazon RDS for MySQL and MariaDB comparison and synchronization tool which detects differences between database objects and resolves them without errors. It compares and synchronizes live databases, generates comprehensive reports on the detected differences and creates automation scripts for scheduling and running unattended.

New Features

This version of ApexSQL Diff for MySQL introduces the following new features, enhancements or deprecations:

Changes:

- The preview period has been extended to 03/31/2021

Getting Started

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

System requirements

Before installing or upgrading Short Product Name Version, ensure that your system meets the following minimum hardware and software 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 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
✓	✓	✓	✓	✓

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, Ubuntu Desktop 14.04 and above

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 History (release notes)

Release: 2020.04.0061
Date: December 08, 2020

Changes:

- The preview period has been extended to 03/31/2021

Release: 2020.03.0058

Date: August 07, 2020

Fixes:

- The application version 2020 R2 will not start if the OS regional format date is not English (United States)

Changes:

- [Error handling and send logs functionality has been modified](#)

Release: 2020.02.0056

Date: July 15, 2020

Fixes:

- The synchronization is not working when using the Northwind database as source and empty database as destination
- The Manage updates button in the Resources tab is not working

Changes:

- The preview period has been extended to 12/31/2020

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

About us

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- Submit and manage a Service Request
- 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
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 **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.