

Service Functional Limitations and Functionality

Last updated by | Vitor Tomaz | Aug 5, 2020 at 12:42 PM PDT

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For the most up to date information, please visit <https://datamigration.microsoft.com/scenario/sql-to-azuresql>

Supported Upgrade Technologies

This section describes all supported scenarios and options for an upgrade from on-premise SQL Server versions to Azure SQL Database . This information is current as of June 2017. The following sources of SQL Server are included:

- SQL Server 2005
- SQL Server 2008 and SQL Server 2008 R2
- SQL Server 2012
- SQL Server 2014

The following targets of Azure are included:

- Azure SQL Database

The following data migration options are discussed:

- Transactional replication
- Data Migration toolset [Data Migration Service (DMS) and Data Migration Assistant (DMA)]
- Bulk load

From SQL Server 2005

- Migration Tools: Migration is supported by DMS and DMA.
- Bulk load: Tables can be bulk copied out from SQL Server 2005 and then bulk copied into Azure SQL Database.

From SQL Server 2008 or SQL Server 2008 R2

- Migration Tools: Migration is supported by DMS and DMA.
- Bulk load: Tables can be bulk copied out from SQL Server 2008 or SQL Server 2008 R2 and then bulk copied into Azure SQL Database.

From SQL Server 2012

- Transactional replication: Transactional replication from SQL Server 2012 to Azure SQL Database is supported; SQL Server 2012 version needs to be SP2 CU8 or SP3 or later.
- Migration Tools: Migration is supported by DMS and DMA.
- Bulk load: Tables can be bulk copied out from SQL Server 2012 and then bulk copied into Azure SQL Database.

From SQL Server 2014

- Transactional replication: Transactional replication from SQL Server 2014 to Azure SQL Database is supported; SQL Server 2014 version needs to be RTM CU10 or later, or SP1 CU3 or later.
- Migration Tools: Migration is supported by DMS and DMA.
- Bulk load: Tables can be bulk copied out from SQL Server 2014 and then bulk copied into Azure SQL Database.

How good have you found this content?

