

SQL Data Sync

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Data Sync

SQL Data Sync allows you to synchronize data across multiple Azure SQL databases and on-premises SQL Server databases. And it is useful in cases where data needs to be kept updated across several Azure SQL databases or SQL Server databases.

When to use

Hybrid Data Synchronization

With Data Sync, you can keep data synchronized between your on-premises databases and Azure SQL databases to enable hybrid applications. This capability may appeal to customers who are considering moving to the cloud and would like to put some of their application in Azure.

Distributed Applications

In many cases, it's beneficial to separate different workloads across different databases. For example, if you have a large production database, but you also need to run a reporting or analytics workload on this data, it's helpful to have a second database for this additional workload. This approach minimizes the performance impact on your production workload. You can use Data Sync to keep these two databases synchronized.

Globally Distributed Applications

Many businesses span several regions and even several countries/regions. To minimize network latency, it's best to have your data in a region close to you. With Data Sync, you can easily keep databases in regions around the world synchronized.

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