

# Trans Replication Vs Data Sync

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## Trans Replication Vs Data Sync

### Compare Data Sync with Transactional Replication

	Data Sync	Transactional Replication
Advantages	<ul style="list-style-type: none"><li>• Active-active support</li><li>• Bi-directional between on-premises and Azure SQL Database</li></ul>	<ul style="list-style-type: none"><li>• Lower latency</li><li>• Transactional consistency</li><li>• Reuse existing topology after migration</li></ul>
Disadvantages	<ul style="list-style-type: none"><li>• 5 min or more latency</li><li>• No transactional consistency</li><li>• Higher performance impact</li></ul>	<ul style="list-style-type: none"><li>• Can't publish from Azure SQL Database single database or pooled database</li><li>• High maintenance cost</li></ul>

## Public Doc Reference

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-transactional-replication#when-to-use-transactional-replication>

## How good have you found this content?

