

Migration and Move

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Migrate to a managed instance

Articles in these quickstarts enable you to quickly set up a managed instance and move your databases using the native `RESTORE` capability. This is a good starting point if you want to complete quick proof-of concepts and verify that your solution can work on Managed Instance.

However, in order to migrate your production database or even dev/test databases that you want to use for some performance test, you would need to consider using some additional techniques, such as:

- Performance testing - You should measure baseline performance on your source SQL Server instance and compare them with the performance on the destination Managed Instance where you have migrated the database. Learn more about the [best practices for performance comparison](#) .
- Online migration - With the native `RESTORE` described in this article, you have to wait for the databases to be restored (and copied to Azure Blob storage if not already stored there). This causes some downtime of your application especially for larger databases. To move your production database, use the [Data Migration service \(DMS\)](#)  to migrate your database with the minimal downtime. DMS accomplishes this by incrementally pushing the changes made in your source database to the managed instance database being restored. This way, you can quickly switch your application from source to target database with the minimal downtime.

Learn more about the [recommended migration process](#) .

Public Doc Reference

SQL Server instance migration to Azure SQL Database managed instance

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-migrate> 

Migrate databases from SQL Server to SQL Managed Instance using Log Replay Service (Preview)

<https://aka.ms/mi-logshipping> 

How good have you found this content?

