

Restore - Minimum permission to restore database

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Issue

Customers might encounter error when attempting Point-in-time or native restore on Azure SQL Managed Instance. This TSG cover's minimum RBAC permissions required to restore a database on Azure SQL Managed Instance.

Mitigation

For restores within the same subscription, customers need [SQL Managed Instance Contributor](#)  built-in role **scoped at the subscription level** or the customer must be **Subscription Owner**.

If customer is looking for a custom role, the minimum set of permissions needed are:

On target MI:

"Microsoft.Sql/managedInstances/databases/read",

"Microsoft.Sql/managedInstances/databases/write",

"Microsoft.Sql/managedInstances/read",

"Microsoft.Sql/locations/*/read"

Scoped at Resource Group level or subscription level.

On source MI:

"Microsoft.Sql/managedInstances/databases/read",

"Microsoft.Sql/managedInstances/databases/write"

Scoped at Resource Group level or subscription level.

For **Cross Subscription PiTR** check the TSG: [Cross-subscription PITR database restore for MI](#)

Public doc reference

[Recover using automated database backups](#) 

Internal reference

ICM [214205464](#) 

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