

Cross subscription PiTR

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

Description

Point-in-time restore can restore a database:

- from an existing database.
- from a deleted database.
- to the same SQL Managed Instance, or to another SQL Managed Instance.
- to an instance in the same subscription or in a different subscription (in the same tenant) than the source instance.

Limitations

Restoring a PITR backup across subscriptions has the following limitations:

- Point-in-time restore of an entire SQL Managed Instance isn't possible.
- Both subscriptions must be in the **same region**. Point In Time Restore across managed instances in different regions is not supported.
- Both subscriptions must be in the **same tenant**. Database restore across different Tenant IDs (organizations) is not supported.
- At least one of the subscription types has to be either EA, CSP, MCA, or PayGo.
- The restore operation can only be performed on the primary instance.
- Geo-replicated backups aren't currently supported for cross-subscription point-in-time restore.
- The user performing the restore must either be part of the [SQL Managed Instance Contributor](#)  role or have the following explicit permissions: crossSubscription/action, readBackups/action scoped at the Managed Instance level.
- If bringing your own key (BYOK), then the key must be present in both subscriptions before initiating the cross-subscription PiTR operation.
- When [service endpoint policies](#)  are enabled on Azure SQL Managed Instance, placing a service endpoint policy on a subnet, prevents point-in-time restores (PITR) from instances in different subnets.
- Restoring your database to an instance in a different subscription is currently only possible by using the Azure portal. If you're restoring to a different subscription, the [Create or Update v5.0.2022](#)  API call underlying the restore action must contain `restorePointInTime`, `crossSubscriptionTargetManagedInstanceId`,

and `crossSubscriptionSourceDatabaseId` OR `crossSubscriptionRestorableDroppedDatabaseId` . PowerShell and CLI will be enabled in near future.

Investigation/Analysis

Cross-subscription PiTRs can be investigated via ASC troubleshooter --> Backup/Restore --> Restores

Public Doc reference

- [Restore to a different subscription](#) 

Note: Cross-subscription PiTR has been release as GA and announced with Nov 2022 PASS.

How good have you found this content?

