Move Azure resource between resource groups, regions, or subscriptions

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Contents

Self-help content presented in Azure Portal

(This content was shown to the customer during case submission. It's also visible on 'Diagnose and solve problems' blade.)

Learn to manage Azure resources that can't be moved between resource groups, regions, or subscriptions.

Not all Azure resources can be moved. First, review the table in the following section to see if a resource type can be moved. Then use our guidance to understand the available options when resources cannot be moved.

Scan the following headings and select one or more that will help resolve your issue.

Before you begin

Review the following table to see if a resource type supports being moved:

Resource type	Resource group	Subscription	Region move
instancepools	No	No	No
managedinstances	No	No	No
managedinstances / databases	**Yes** Learn more	No	No
networksecuritygroups	No	No	No
virtualclusters	No	No	No
virtualnetworks	No	No	No

If the resource type you're addressing can't be moved, continue with the following sections to find the guidance you need.

Failover groups

The auto-failover groups feature lets you manage the replication and failover of all user databases in a managed instance to another Azure region. The secondary/target managed instance can be in the same subscription or a different one, as the primary/source managed instance. For more information, see limitations for setting up failover groups and how to create failover groups.

- Follow the steps to configure auto-failover groups in order to replicate databases to another region. See additional requirements to configure failover group between instances in different subscriptions.
- Make sure that all the databases on the source instance finish replicating to the target instance and that the status shows as synchronizing.
- Swap the roles of the managed instances in the Instance Failover Group by failing over to the specified secondary region, making it the new primary region through the Azure portal or through PowerShell, CLI, or REST API.
- Delete the failover group. This will drop the failover group configuration and terminate geo-replication links between the two instances.
- Delete the source managed instance.

Geo-restores

Geo-restore is available only for managed instances configured with geo-redundant backup storage. If you're not currently using geo-replicated backups for a database, you can change this by configuring backup storage redundancy.

- You can restore a database on any target managed instance in **any Azure region** from the most recent geo-replicated backups on the source managed instance.
- You can perform geo-restore on managed instances that reside in the **same subscription** as the source managed instance.

- See geo-restore to learn more.

Point-in-time restores

Use point-in-time restore (PITR) to create a database as a copy of another database from some time in the past.

With point-in-time restore, you 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 from the source instance

For more information, see restore to a point in time.

Move managed instance to new virtual cluster

To move a managed instance to a new virtual cluster, you can either configure a maintenance window or move the instance to a new subnet. Both options will move the instance to a new virtual cluster.

Resources

- Copy or move a database
- Auto-failover groups overview and best practices
- Configure an auto-failover group
- Recover using backups
- Restore to a point in time
- Move Managed Instance to another VNet/subnet

How good have you found this content?