



NetApp Capabilities for Google Cloud Platform GCVE

NetApp public and hybrid cloud solutions

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NetApp Capabilities for Google Cloud Platform GCVE

Learn more about the capabilities that NetApp brings to the Google Cloud Platform (GCP) Google Cloud VMware Engine (GCVE) - from NetApp as a guest connected storage device or a supplemental NFS datastore to migrating workflows, extending/bursting to the cloud, backup/restore and disaster recovery.

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Configuring GCVE in GCP

As with on-premises, planning a cloud based virtualization environment is critical for a successful production-ready environment for creating VMs and migration.

This section describes how to set up and manage GCVE and use it in combination with the available options for connecting NetApp storage.



In-guest storage is the only supported method of connecting Cloud Volumes ONTAP and Google Cloud NetApp Volumes to GCVE.

The setup process can be broken down into the following steps:

- Deploy and Configure GCVE
- Enable Private Access to GCVE

View the detailed [configuration steps for GCVE](#).

NetApp Storage Options for GCVE

NetApp storage can be utilized in several ways - either as guest connected or as a supplemental NFS datastore - within GCP GCVE.

Please visit [Supported NetApp Storage Options](#) for more information.

Google Cloud supports NetApp storage in the following configurations:

- Cloud Volumes ONTAP (CVO) as guest connected storage
- Google Cloud NetApp Volumes (NetApp Volumes) as guest connected storage
- Google Cloud NetApp Volumes (NetApp Volumes) as a supplemental NFS datastore

View the detailed [guest connect storage options for GCVE](#).

View the detailed [supplemental NFS datastore options for GCVE](#).

Read more about [Google Cloud NetApp Volumes datastore support for Google Cloud VMware Engine \(NetApp blog\)](#) or [How to use Google Cloud NetApp Volumes as datastores for Google Cloud VMware Engine \(Google blog\)](#)

Solution Use Cases

With NetApp and VMware cloud solutions, many use cases are simple to deploy in Azure AVS. se cases are defined for each of the VMware defined cloud areas:

- Protect (includes both Disaster Recovery and Backup / Restore)
- Extend
- Migrate

[Browse the NetApp solutions for Google Cloud GCVE](#)

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