

NetApp Cloud Volumes ONTAP for Google Cloud

Optimize your cloud storage costs and performance while enhancing data protection, security, and compliance with industry-leading data management.

The challenge

Companies across all industries are leveraging cloud to drive business growth and innovation. But despite widespread cloud adoption, many traditional enterprise applications still run on premises because of the difficulty of moving mission-critical workloads to the cloud. Organizations need to modernize applications, acquire new knowledge, and update policies. This makes your cloud journey slow, expensive, and complex.

The opportunity

Get the freedom to run traditional and cloud-native applications anywhere and move them across the hybrid multi cloud, without redesigning your code, your processes, or your teams. Harness cloud advantages faster, and at lower costs, and get peace of mind, knowing that your data is always available, secure, and compliant.

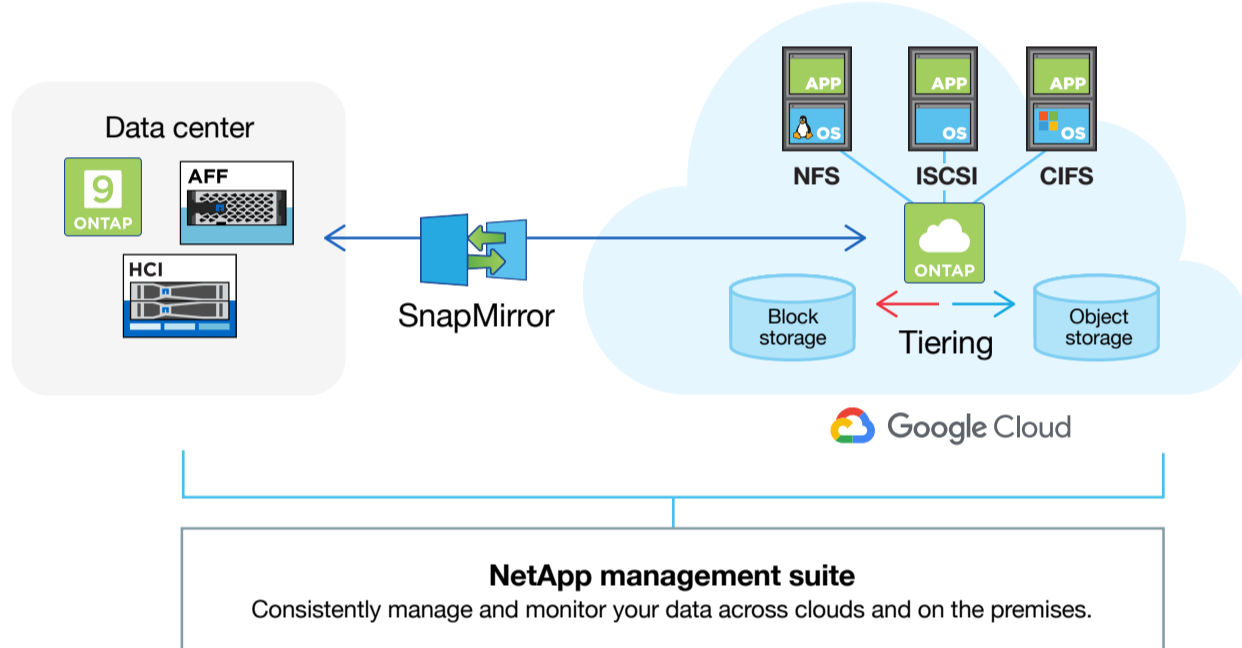
Seven reasons to use NetApp Cloud Volumes ONTAP for Google Cloud

- 1 Cost** — Drastically lower TCO for standard cloud storage
- 2 Performance** — Faster response time than commodity block or file cloud storage resources
- 3 Portability** — Simple, fast replication across zones, regions, and clouds
- 4 Protection** — Peace of mind your data is always restorable
- 5 Security** — Built-in data security that you can control
- 6 Flexibility** — Manage storage in Google Cloud or on premises
- 7 Availability** — Provide continuous data availability

The world's most innovative organizations trust NetApp

Cloud Volumes ONTAP and Google Cloud are the stars of Polygon Pictures' next-generation production platform. With Cloud Volumes ONTAP, the digital animation studio achieves the same level of data management and data access as with its on-premises NetApp ONTAP storage.

[Read the case study](#)



Where NetApp adds value

Use case	NetApp benefits
Quickly migrate applications and run enterprise apps and file services in Google Cloud	<ul style="list-style-type: none"> • Move data from on-premises storage to any cloud • Provision data services in any cloud using the same interface
Maintain business continuity and keep data secure	<ul style="list-style-type: none"> • Achieve more efficient DR than native cloud storage and easy to set up • Leverage NetApp® ONTAP® features and in-house ONTAP expertise
Dramatically reduce public cloud storage spend	<ul style="list-style-type: none"> • Storage efficiencies reduce cloud footprint • Tiering puts infrequently accessed blocks into less costly object storage

Solutions

- Business applications >
- DevOps solutions >
- File and block storage >
- Disaster recovery >

Cloud Volumes ONTAP is the best choice for your workloads in the cloud

- 1. Multi-cloud support:** AWS, Azure, and GCP
- 2. Multi-protocol support:** NFS, CIFS, iSCSI
- 3. Storage efficiency for cost savings:** thin-provisioning, deduplication, compression, compaction
- 4. Data management:** PIT recovery of data using zero-impact ONTAP Snapshot™
- 5. Disaster recovery and failover using SnapMirror®**
- 6. Security:** Data encryption at the level of the storage volume
- 7. GUI driven deployment and management:**
 - Cloud Manager helps deploy and monitor storage in the cloud and helps ease license, entitlement and upgrades
 - System Manager manages on-premises systems and Cloud Volumes ONTAP
- 8. Policy-based tiering to lower cost storage tiers**

Supported ONTAP® features in Cloud Volumes ONTAP

- NetApp® Snapshot copies
- Thin provisioning
- Deduplication, compression, compaction
- Encryption at rest and in-flight
- NetApp SnapMirror®
- NetApp FlexClone®
- NetApp SnapLock®
- High availability
- Cold data tiering to object storage
- Kubernetes integration with Trident
- NFS/CIFS/iSCSI compatibility

Licensing

Pay as you go (hourly)	Pay as you go (annually)	Bring your own license
Deploy by the hour from Google Cloud Marketplace	Deploy by the year from Google Cloud Marketplace	Purchase an annual subscription from NetApp for Google Cloud
Pay only for what you use, by the hour	Purchase annual commitment for 25% off versus hourly rate	Purchase annual subscription from NetApp
Instant gratification	Instant gratification	Channel Process
Online sales Auto-renewal	Online sales Auto-renewal	Field sales Extension PO

Licensed and paid per node | HA pair = 2 licenses

Visit us to learn more about the NetApp and Google Cloud partnership

[Visit us](#)