

NetApp Cloud Volumes ONTAP

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 the fast cloud adoption, most traditional enterprise applications still run on premises to migrate traditional applications to 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.

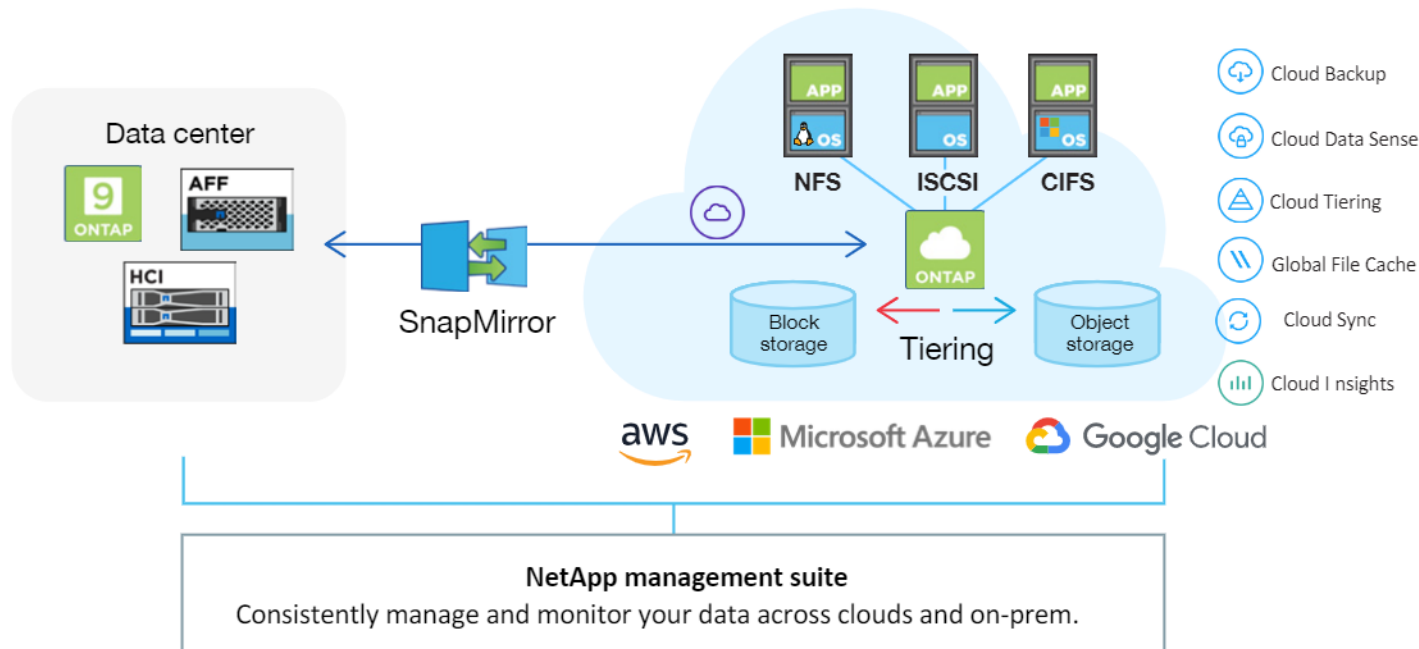
Eight reasons to use NetApp Cloud Volumes ONTAP

- 1 Cost** - Drastically lower TCO for standard cloud storage
- 2 Performance** - Faster response time on cloud storage
- 3 Portability** - Simple, fast replication across zones, regions, and clouds
- 4 Protection** - Peace of mind, knowing that your data is always restorable
- 5 Security** - Built-in data security that you can control
- 6 Privacy** - Always-on AI -driven privacy compliance controls
- 7 Flexibility** - Manage storage in AWS, Azure, Google Cloud, or on-premises
- 8 Availability** - ensure that data in the cloud is always available

“ONTAP Cloud drastically lowered our cloud cost and server spend. My team was able to lower the number of development systems by 10x and drop our total deployment time to mere minutes.”

- Jeremy Goodrum, Vice President of Engineering, Wirestorm

[Read more](#)



Where NetApp adds value

Use case	NetApp benefits
Quickly migrate applications and run enterprise apps and file services in the 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 standard 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/blob 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:**
 - GUI helps deploy and monitor storage in the cloud and helps ease license, entitlement and upgrades
 - System Manager manages on-prem 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
- Kubernetes integration with Trident
- NFS/CIFS/iSCSI

Licensing

Free Edition	Essential	Professional
Deploy Cloud Volumes ONTAP up to 500GB, free	Deploy Cloud Volumes ONTAP from the AWS marketplace or NetApp sales for AWS, Azure and Google Cloud	Deploy both Cloud Volumes ONTAP and Cloud Backup from the AWS marketplace or NetApp sales for AWS, Azure and Google Cloud
VO NFS/SMB single node VO File High Availability (HA)	CVO NFS/SMB single node File or High Availability (HA)	CVO NFS/SMB High Availability + Cloud Backup
No term limit Upgrade when you need more capacity	Monthly or Fixed Terms 1yr, 2yr, 3yr Capacity minimum 4TB	Monthly or Fixed Terms 1yr, 2yr, 3yr Capacity minimum 4TB

Visit us at Cloud Central to learn more.

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