

NETAPP CLOUD VOLUMES ONTAP

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



THE PROBLEM

Companies across all industries are leveraging cloud to drive business growth and innovation. But despite the speed of cloud adoption, many traditional enterprise applications still run on premises. To migrate traditional applications to the cloud, organizations need to modernize applications, acquire new knowledge, and update policies. These requirements often make your journey to the cloud slow, expensive, and complex, with the added challenge of keeping your data safe and compliant.

THE SOLUTION

Get the freedom to run traditional and cloud-native applications anywhere and move them across the hybrid multicloud, without redesigning your code, your processes, or your teams. Harness cloud advantages faster and at lower cost while keeping your data secure and compliant.

NetApp® Cloud Volumes ONTAP® for Google Cloud enables you to migrate enterprise applications and monitor on-premises and cloud infrastructure. NetApp and Google Cloud partner to provide a seamless experience while enabling you to deliver leading NetApp cloud data services as your own.

Top 6 reasons to use Cloud Volumes ONTAP



1

Cost.

Drastically lower TCO for standard cloud storage. Rely on advanced storage efficiency features and data tiering to minimize costs.



2

Performance.

Get faster response time on cloud storage. Run complex, performance-intensive, and latency-sensitive applications with no code change.



3

Protection.

Gain peace of mind, knowing that your data is always restorable. Use NetApp SnapMirror® technology with NetApp Backup and Recovery to quickly overcome unplanned data loss, ransomware, and data corruption with nearly instant restoration.



4

Security.

Improve cyber resilience with NetApp Autonomous Ransomware Protection with AI (ARP/AI). Adopt a machine-learning model for anti-ransomware analytics that detects constantly evolving forms of ransomware in NAS and SAN environments.



5

Flexibility.

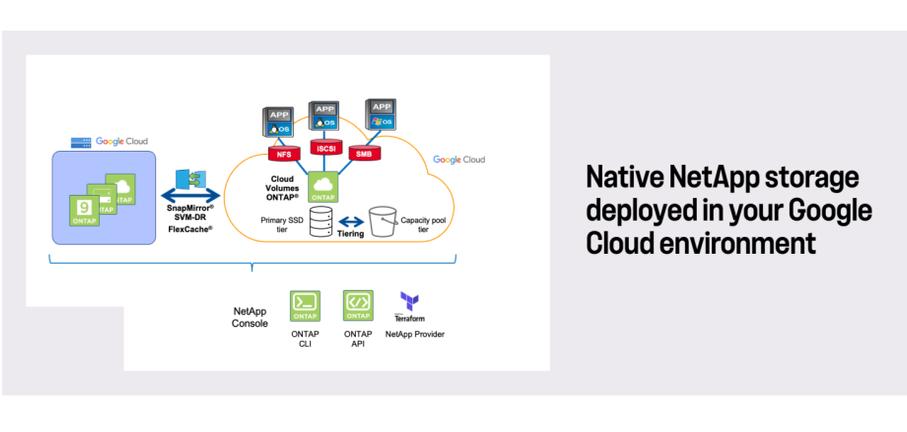
Offers multiprotocol support, including file, block, and object storage, delivering a more agile, flexible approach.



6

Mobility.

Extend your on-premises ONTAP environment to the cloud for unified storage. Data replication between on-premises ONTAP and Cloud Volumes ONTAP delivers consistency and availability. Experience seamless data mobility and dynamic scaling, and maintain enterprise-grade features and performance.



Native NetApp storage deployed in your Google Cloud environment

Where NetApp adds value



Quickly migrate applications and run enterprise apps and file services in the cloud

- Move data from on-premises storage to Google Cloud.
- Provision data services in Google Cloud using the same interface.
- Easy and flexible with multiple migration options.



Maintain business continuity and keep data secure

- Achieve more efficient DR than with standard cloud storage.
- Leverage NetApp ONTAP features and your in-house ONTAP experience.
- Agile solution recovers data across environments.



Dramatically reduce public cloud storage spending

- Storage efficiencies reduce cloud footprint and provide flexibility with multiple options.
- Tiering helps infrequently accessed blocks into less costly object storage.

Case study



“NetApp offers a unique ability to show all of Anaplan’s storage all around the world, both in the cloud and in data centers, with a single point of visibility to everything. That may not sound like a big deal but it’s huge. None of NetApp’s competitors can do that.”

Adam Thier, Chief Product and Technology Officer, Anaplan

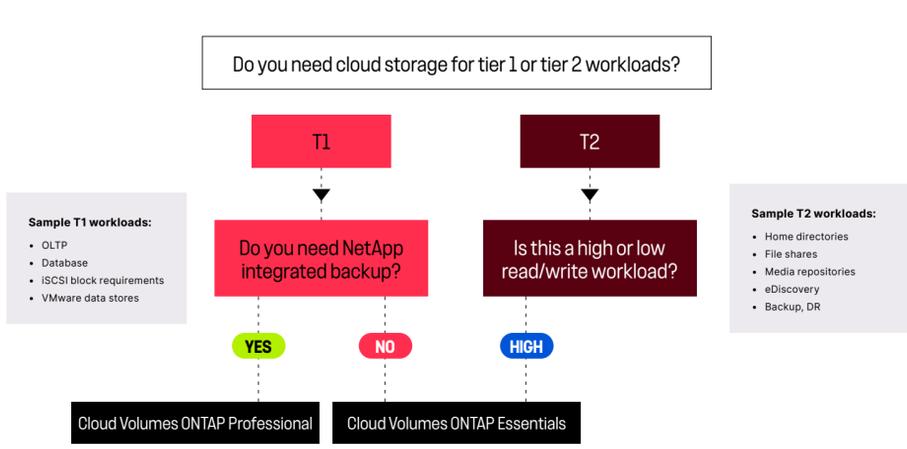
Cloud Volumes ONTAP is the best choice for your workloads in the cloud

1. Multicloud support
2. Multiprotocol support: NFS, CIFS, iSCSI, S3
3. Storage efficiency for cost savings: Thin provisioning, deduplication, compression, compaction
4. Data management: Point-in-time recovery of data using zero-impact NetApp Snapshot™ copies
5. Disaster recovery and failover using NetApp SnapMirror®
6. Security: Data encryption at the level of the storage volume
7. GUI-driven deployment and management: Deploy and manage Cloud Volumes ONTAP with NetApp Console
8. Policy-based tiering to lower-cost storage tiers

Supported ONTAP features in Cloud Volumes ONTAP

- NetApp Autonomous Ransomware Protection with AI
- NetApp Snapshot copies
- 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, S3

Choose the edition of Cloud Volumes ONTAP that works best for your needs



Licensing options

FREEMIUM	ESSENTIALS	PROFESSIONAL
Use case for proof of concept*	Essentials Primary Essentials Secondary	ONTAP Storage + Backup and Recovery (HA/Single Node)
Want to take it for a test drive first? Get full access to 500GiB of Cloud Volumes ONTAP with no time limit.	Want to get started now? Deploy the full strength of ONTAP in the cloud of your choice.	Ready to take the next step? Unleash the power of ONTAP storage in the cloud with unlimited backups.
Cost: \$0	Cost: Starting at \$0.036 per GiB/mo (featuring secondary, single-node pricing)	Cost: Starting at \$0.108 per GiB/mo
<ul style="list-style-type: none"> • Full featured ONTAP in any cloud* • Community Support • Limited 500GiB, up to 10 Deployments 	<ul style="list-style-type: none"> • Full featured ONTAP in any cloud* • Available in single node and HA • 24/7 Enterprise Support • For high-I/O-intensive tier 1 primary and tier 2 secondary workloads 	<ul style="list-style-type: none"> • Full featured ONTAP in any cloud* • Optional cross-zone High Availability • 24/7 Enterprise Support • For high-I/O-intensive workloads • Includes unlimited backups with NetApp Backup and Recovery

* Supports 1-3-year contract and PAYGO; pricing shows 3-year contract

** [Cloud Volumes ONTAP pricing](#)

Additional resources

[Cloud Volumes ONTAP for Google Cloud >](#)

[Cloud Volumes ONTAP for Google Cloud cost calculator >](#)



Contact Us

About NetApp

NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data, operational and workload services to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our operational and workload services provide continuous optimization of performance and efficiency for infrastructure and workloads through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities. Learn more at www.netapp.com.

