

# MIGRATE YOUR DELL POWERSCALE WORKLOADS TO GOOGLE CLOUD



## WITH GOOGLE CLOUD NETAPP VOLUMES

Easily move your file-based workloads from Dell PowerScale (formerly known as Isilon) to Google Cloud. Google Cloud NetApp Volumes is a fully managed Google Cloud service built on NetApp® technology. It offers advanced data protection that lets you migrate without refactoring or rearchitecting, and it optimizes your operations.

## KEY MIGRATION DRIVERS FOR DELL POWERSCALE

- ✓

Data center exit
- ✓

Urgent capacity needs
- ✓

Software and hardware refresh
- ✓

Compliance
- ✓

End of support software
- ✓

Application innovation
- ✓

Security events and threats
- ✓

Sustainability

## 5 REASONS TO MOVE TO GOOGLE CLOUD NETAPP VOLUMES

1

### STREAMLINE MIGRATION

Migrate and deploy critical business applications, as-is, to Google Cloud without rearchitecting.

2

### MANAGE STORAGE AT SCALE

Leverage enterprise storage management with seamless Google Cloud integration.

3

### OPTIMIZE CLOUD INTEGRATION

Simplify, automate, and manage storage processes using Google Cloud console, gcloud, Terraform, or APIs.

4

### SIMPLIFY IT SPEND

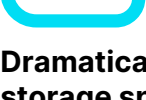
Gain flexible billing options and leverage Google Cloud committed use discounts.

5

### ENHANCE DATA PROTECTION

Count on robust data protection and recovery with NetApp Snapshot™ technology, integrated backup, and multiregion data protection.

## WHERE POWER MEETS SIMPLICITY



- Dramatically reduce public cloud storage spending**
- Consumption on demand: Scale storage performance up and down.
  - Google Cloud pricing model: Variable pay for usage.
  - Automatically move infrequently accessed data to less expensive storage tiers.

- Quickly migrate applications and run enterprise apps and file services in the cloud**
- Save time and lower risks and costs by eliminating the need to refactor code or redesign processes.
  - Automate provisioning and management of data services by using Google Cloud console, gcloud, Terraform, and APIs.



- Maintain business continuity and keep data secure**
- Protect, repurpose, and easily manage data through NetApp Snapshot copies, instant volume cloning, and integrated backup.
  - Manage access to sensitive files with secure, granular role-based access control and audit logs.
  - Instantly restore data from in-place, near-zero-footprint Snapshot copies or use remote backup copies in the event of unplanned data loss, ransomware, or data corruption.

*"IWeI were able to leverage the service to be an extension of our on-prem data center. It really amazed us to see the throughput and performance we were able to get."*

Afsaan Kermani, VP of Infrastructure, Akumin

### REDUCE TOTAL COST OF OWNERSHIP

Optimize cloud storage cost with the ability to automatically tier infrequently accessed data to lower-cost storage for your backup and archive needs.

### MEET COMPLIANCE REQUIREMENTS

Maintain legal and regulatory compliance with a copy of your data in the cloud.

### MULTIPROTOCOL FILE ACCESS

Store data in the cloud in file format to provide concurrent access across Linux/Windows systems, with no additional changes.

*"We always want things better, faster, cheaper. Normally, we don't land all three, but with Google Cloud NetApp Volumes, we were able to. Our recovery times are cut in about half, SQL backups and restore are four times faster. Our dev refresh went from a week to a weekend."*

Matt Bruno, Associate Director of Engineering at Wayfair

Watch the video

## DELL POWERSCALE MIGRATION CONSIDERATIONS

	Dell PowerScale	Google Cloud NetApp Volumes
Accessibility and scalability	Single namespace	Large volumes powered by NetApp ONTAP® FlexGroup volumes
	Multiprotocol	Multiprotocol and concurrent Linux/Windows access
	Scalable architecture	PiB capacity, up to 12.5GiB/s throughput and submillisecond latency
Resilience and data protection	Continuous availability	Cross-zone, cross-region high availability
	SnapshotIQ	NetApp Snapshot technology
	SyncIQ	Cross-region replication and 2-way NetApp SnapMirror® data replication
Data security	Smart Lock	Protected backups
	Access Zones	Storage pools
	Antivirus integration	Data-at-rest and in-motion encryption with CMEK
Efficiency and cost reduction	Data reduction	Built-in deduplication, compression, and compaction
	SmartPools and CloudPools	Storage pools with auto-tiering
	SmartQuotas	Custom user and group quotas

## SIMPLIFY YOUR CLOUD JOURNEY WITH GOOGLE CLOUD NETAPP VOLUMES

Discover more ways that Google Cloud NetApp Volumes makes it easier to migrate and run your business-critical enterprise applications with no changes.

[Learn more](#) or [talk to a specialist](#).

## ABOUT GOOGLE CLOUD

Google Cloud is the new way to the cloud, providing AI, infrastructure, developer, data, security, and collaboration tools built for today and tomorrow. Google Cloud offers a powerful, fully integrated and optimized AI stack with its own planet-scale infrastructure, custom-built chips, generative AI models and development platform, as well as AI-powered applications, to help organizations transform. Customers in more than 200 countries and territories turn to Google Cloud as their trusted technology partner.