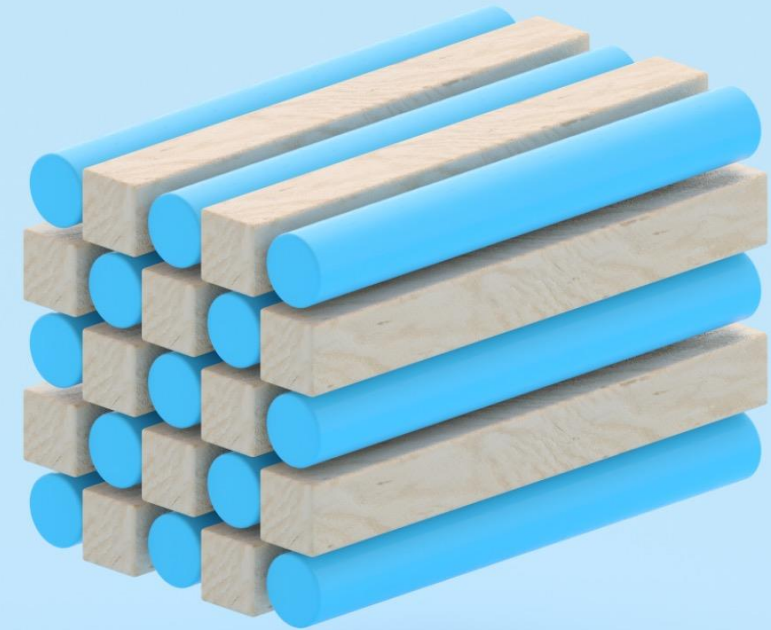


NetApp's All New Ways to Back Up to the Cloud

What's new with NetApp Cloud Backup Service

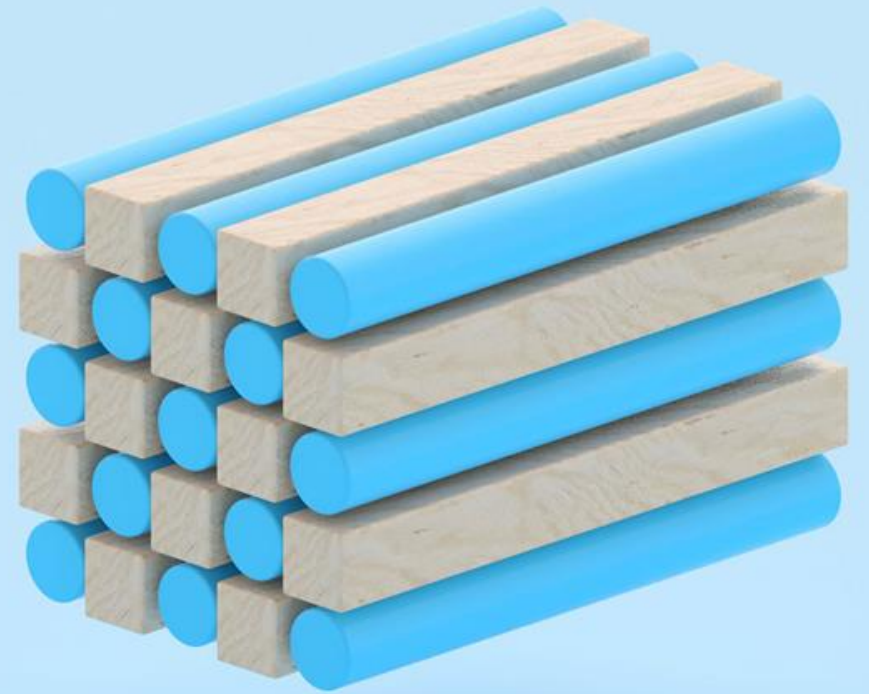
Aviram Bezalel, Product Manager
Oded Berman, Cloud Evangelist



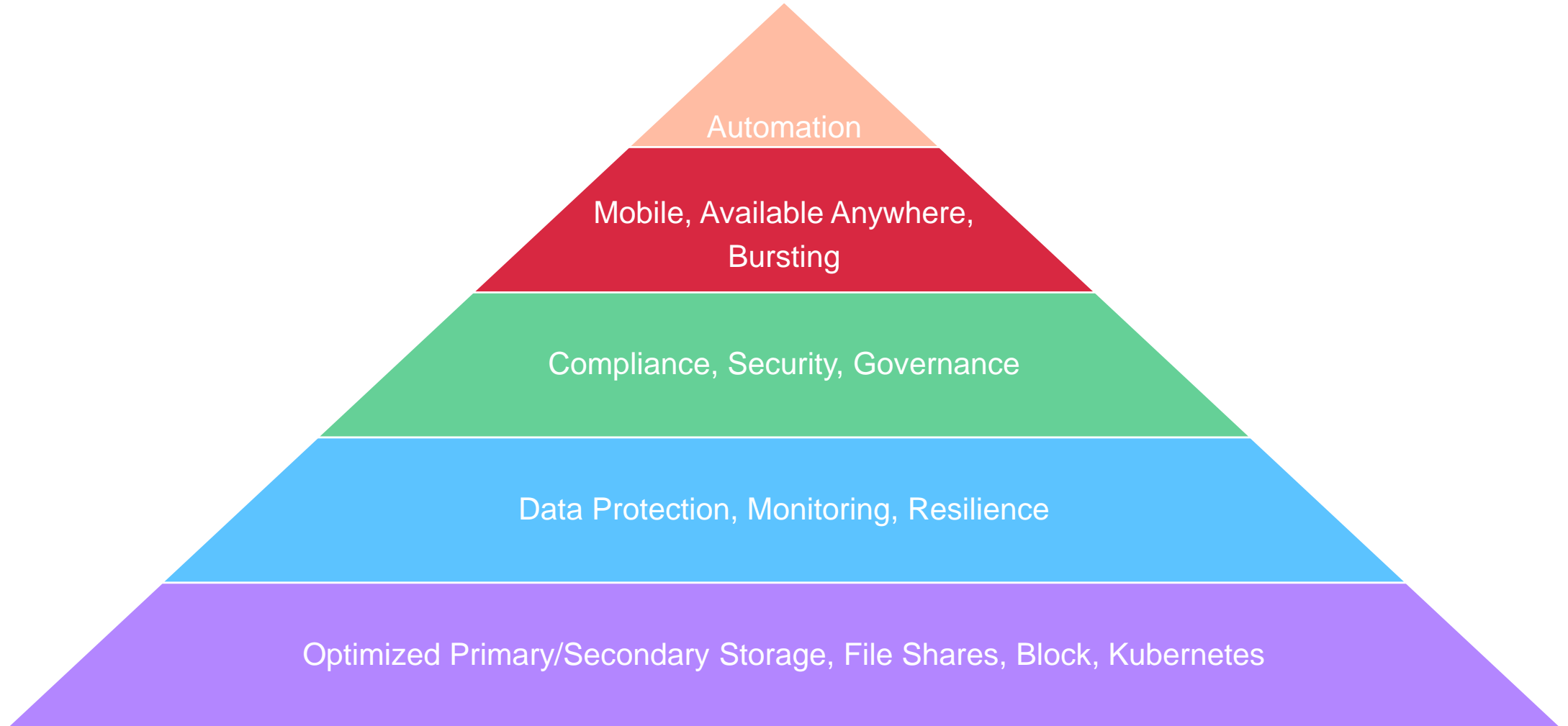
Agenda

- NetApp Data Strategy
- Cloud Backup Service
- What's New & Roadmap
- Demo
- Q & A

NetApp Data Strategy



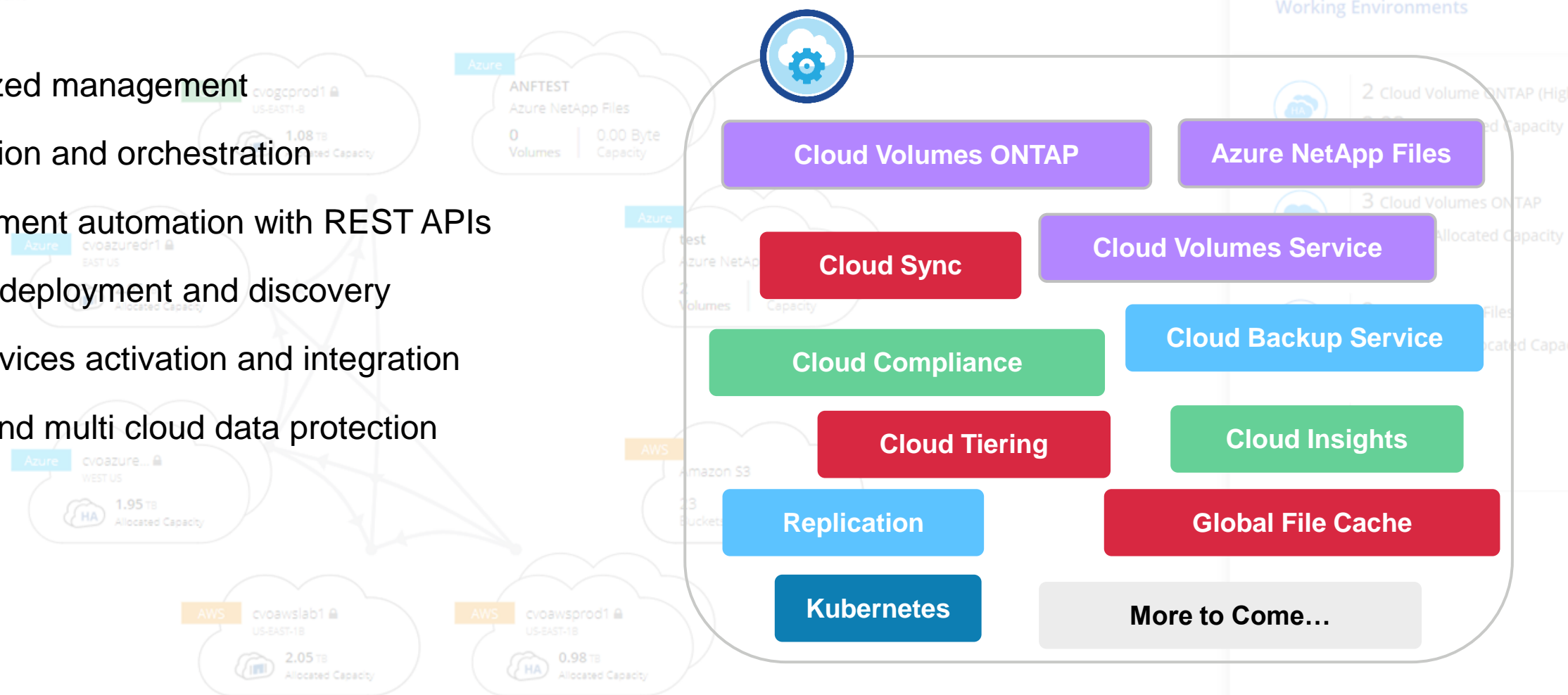
Data Management Requirements



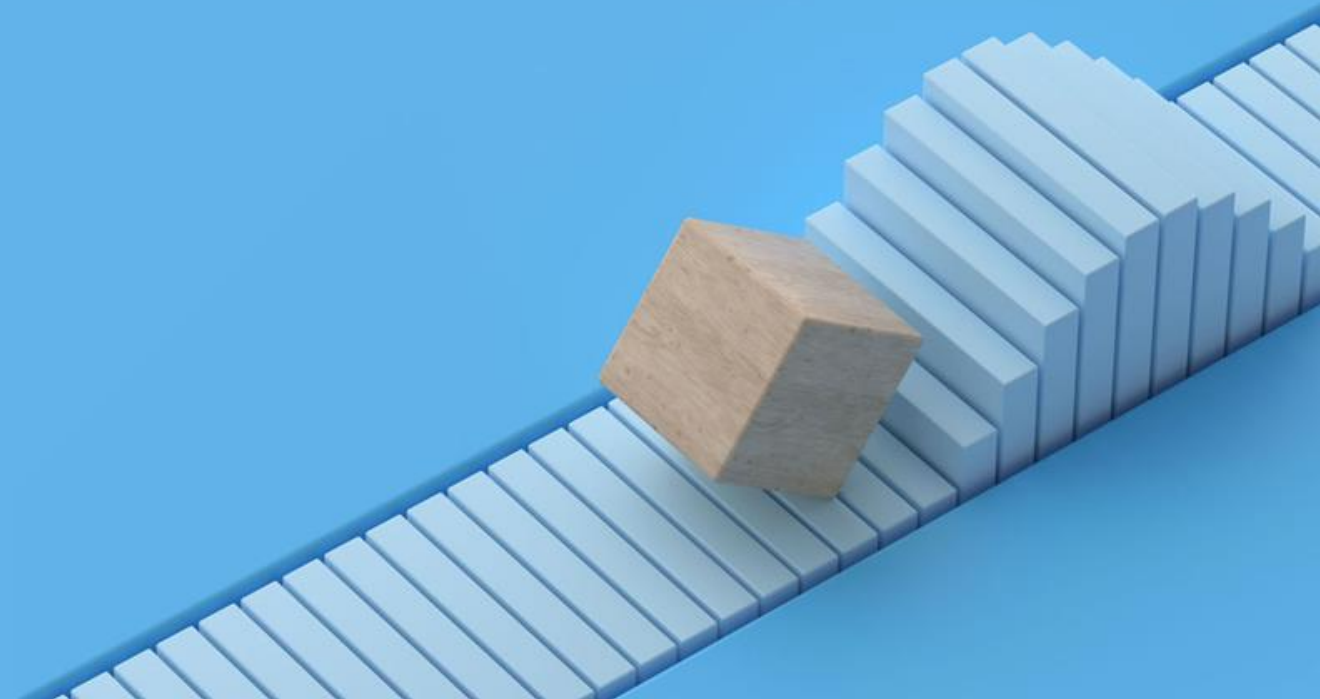
Cloud Manager

Data lifecycle management platform for modernized hybrid cloud

- Centralized management
- Automation and orchestration
- Management automation with REST APIs
- Storage deployment and discovery
- Data services activation and integration
- Hybrid and multi cloud data protection



Cloud Backup Service



Backup Business Challenges

The traditional ones



Complex



Demanding



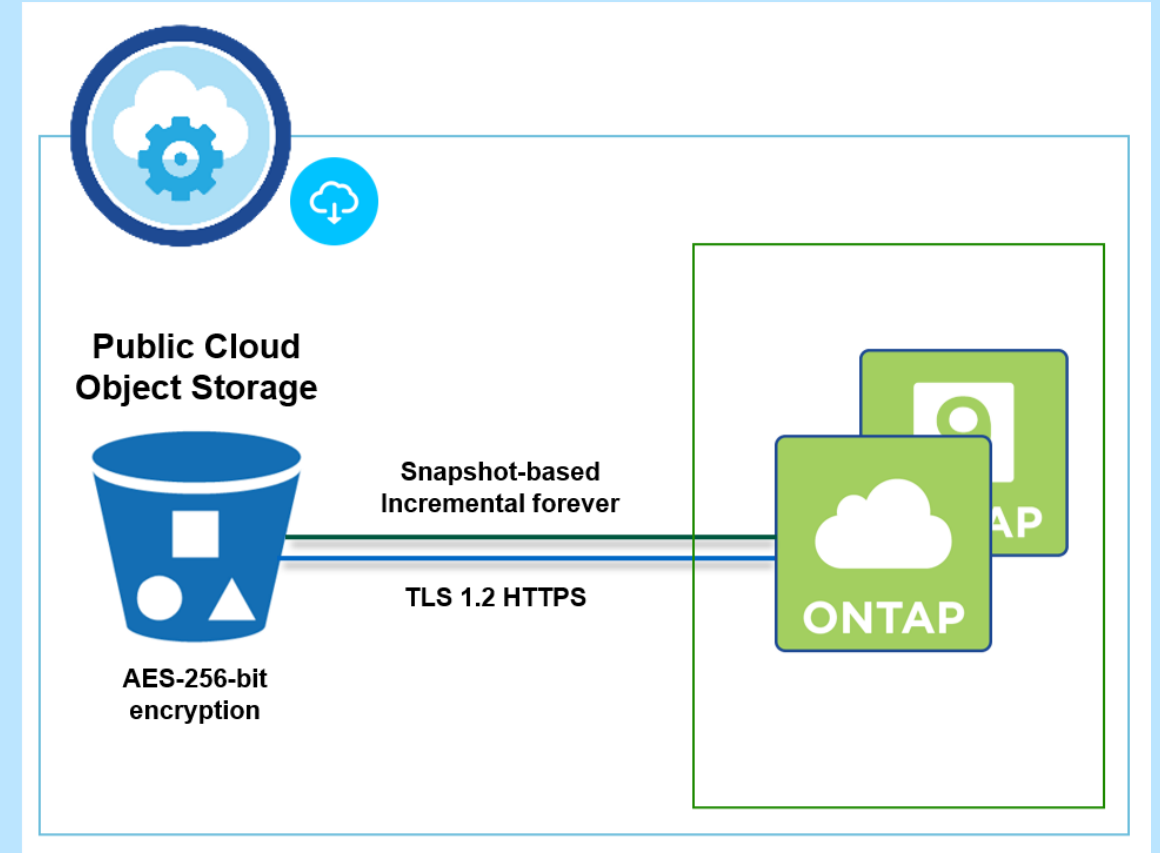
Unreliable



NetApp Cloud Backup Service

Backup of your data to an object storage

- Add-on service that delivers backup and restore capabilities
 - Quick and efficient snapshot-based block level backups
 - Backup is independent from the source
 - Restore on volume level
 - Restore to different system
- Backup copies are stored in public cloud object storage
 - Customer owned bucket
 - End to end encryption (at-rest & in-flight)
- Fully automated by Cloud Manager
 - Single click deployment
 - No external tools or backup expertise

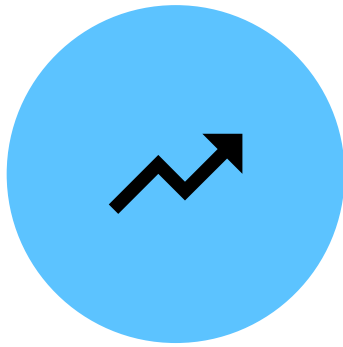


Use Cases

- Primary use cases for Cloud Backup Service
 - Backup, restore and disaster recovery capabilities
 - Long term Archiving
 - Ransomware protection
 - Renovation – Replace legacy tape solutions
 - Meet 3-2-1 backup strategy
- Workloads that Cloud Backup Service protect
 - Unstructured data – From user data to mission critical workloads
 - Structured data – Crash consistent / Application-aware with DP volumes & SnapCenter integration



Benefits



Automated

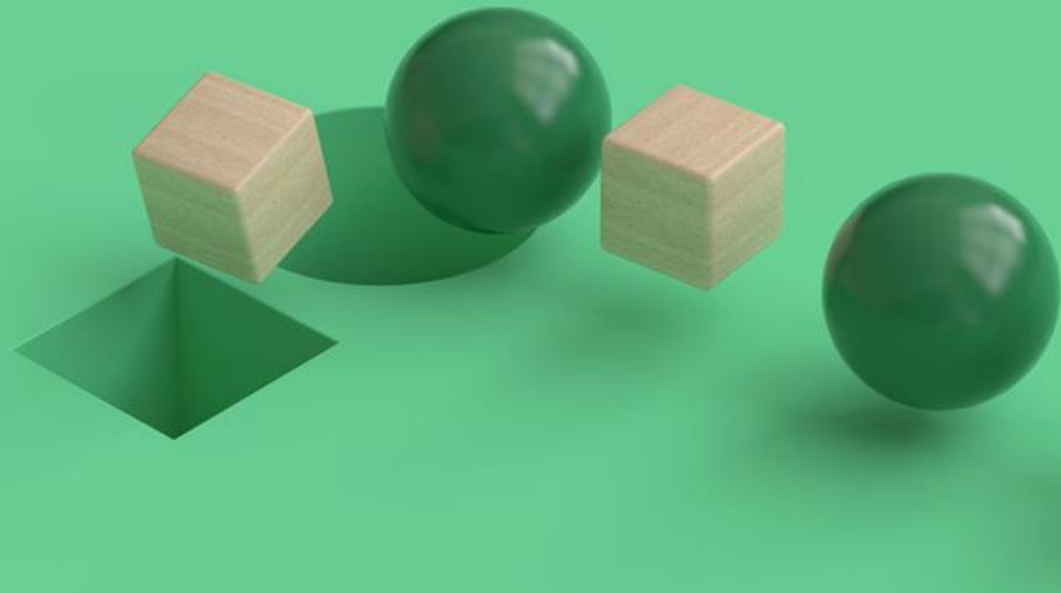


Incremental forever



Reliable

What's New & Roadmap



What's New in Cloud Backup Service?

On-premises
ONTAP

AFF / FAS

Google Cloud
Storage

Cloud Volumes ONTAP

Azure NetApp
Files

Private Preview

What's New in Cloud Backup Service?

Data Protection Volumes

On-prem & CVO

Specific Volume Selection

On-prem & CVO

Cross Accounts Backups

Cloud Volumes ONTAP

Licensing Enhancements

BYOL support

Roadmap

Single File
Restore

Longer retention
periods

4000 backups per volume

On-premises
ONTAP

AWS & Google Cloud

Archive Tiers

Catalog for
enhanced restore

Cross Region
Backups

Demo



Resources

Cloud Central

<https://cloud.netapp.com/cloud-backup-service>

Learn about Cloud Backup Service

https://docs.netapp.com/us-en/occm/concept_backup_to_cloud.html

Get started

<https://cloudmanager.netapp.com>

Q & A

**NetApp unlocks
the best of cloud**

