



Datasheet

NetApp Cloud ONTAP Disaster Recovery Solution

Snap to the cloud, recover from anywhere

Key Benefits

Retain Control of Business Data

Keep your data safe even in the event of a disaster.

Leverage the cost and flexibility benefits of public cloud resources

Create a virtual disaster recovery site that ensures business continuity at an affordable price.

Simplify Management

Get your data into the cloud with a simple click-and-drag step. Quickly get up and running from your NetApp® FAS and All Flash FAS environments.

Sustain Business Continuity

Rapidly recover data from anywhere if a system failure occurs. By replicating data to the cloud, your organization can quickly recover operations from any other facility if an outage occurs at the primary site.

Achieve Cost Savings and Flexibility with Cloud-Based Disaster Recovery

An effective disaster recovery (DR) strategy prevents operations from being brought to a standstill, avoiding lost productivity and lost revenue and avoiding damage to your reputation.

The usage-based model of cloud computing is well suited for DR, and it offers a viable alternative to on-premises solutions. Moving DR operations to the cloud reduces the required data center space and storage infrastructure, resulting in cost savings and flexibility. With cloud-based DR, you can:

- Meet recovery time and recovery point objectives by storing data in a secure, remote, online facility that recovers data faster than with tape.
- Replicate data and quickly fail over to a cloud site when an outage occurs.
- Get flexibility and cost savings by paying for your DR applications only in the event of site or system failure.
- Instantly resize storage capacity as your data requirements change.

Implementing a hybrid cloud allows IT to continue to control and align the appropriate levels of data performance, protection, and security across on-premises data centers as well as cloud infrastructures.

NetApp Cloud ONTAP Disaster Recovery

NetApp makes it easy for organizations to take advantage of cloud cost and efficiency benefits while meeting critical DR requirements. With Cloud ONTAP, you can easily deploy a DR environment in the cloud and target from your on-premises NetApp Data ONTAP® environments. You can get data from a range of FAS and All Flash FAS platforms to the public cloud with NetApp Cloud ONTAP® software. With this easy-to-deploy solution, you can quickly and seamlessly store data in the cloud and rapidly recover when an outage occurs. And IT can retain in the cloud the control and security that are required on the premises.

Reliable, bandwidth efficient replication protocol

NetApp SnapMirror® technology delivers powerful data management capabilities, protecting your critical application environments while providing the flexibility to move data between locations and storage tiers. SnapMirror offers a straightforward setup

to easily replicate across all your NetApp environments and includes powerful efficiency capabilities such as compression, deduplication and data optimization. SnapMirror:

- Mirrors data from FAS and All Flash FAS controllers to the cloud, protecting against site or regional disasters
- Meets recovery point objectives—ranging from minutes to hours—with the ability to fail over to a specific point in time
- Can be used for DR, business intelligence, data distribution, and development and testing to improve value

NetApp Cloud ONTAP

NetApp Cloud ONTAP provides the base for your cloud DR environment with the tools and features that you need to meet your application requirements while maintaining control of cost. With Cloud ONTAP, you can easily deploy a hybrid environment to the cloud from on-premises NetApp Data ONTAP® environments. Management is simple, and you also get enterprise-class features, including:

- Provisioning of NAS and SAN storage, with support for CIFS, NFS, and iSCSI
- Zero-impact NetApp Snapshot® copies that provide near-instantaneous point-in-time backups of data by using existing storage resources, without affecting application performance
- Efficiency features such as data deduplication and data compression to help minimize the storage footprint
- NetApp managed encryption of your at-rest data, protecting your organization from unauthorized data access with externally managed keys

NetApp OnCommand management

NetApp OnCommand® management products give you control and visibility of data across hybrid cloud resources. You can minimize risks, meet SLAs, and boost performance for maximum efficiency and cost savings. Your Cloud ONTAP DR environment is managed by OnCommand Cloud Manager, giving you a single control point to deploy, provision, and replicate data. Cloud Manager offers an easy-to-use interface that includes:

- Simple click-and-drag replication of your on-premises data to Cloud ONTAP and between cloud regions
- A simple deployment wizard to get new cloud DR targets up and running in minutes
- The ability to provision, configure, and control cloud storage for additional use after it's in the cloud
- A view of Cloud ONTAP resource costs that also integrates with OnCommand Insight for a complete hybrid cloud view of resources

After your cloud DR environment is running, you can get advanced access and control with the same tools that you have used for your on-premises storage, including OnCommand System Manager or Unified Manager:

- **OnCommand System Manager.** Provides simple, versatile GUI management, making it easy to configure and manage your Cloud ONTAP DR storage. Wizards and workflows simplify common storage tasks, helping you avoid manual errors and greatly improving administrative productivity.
- **OnCommand Unified Manager.** Monitors and alerts on the health, availability, capacity, performance, and data protection status of your Cloud ONTAP DR storage, with suggestions for corrective action for quick remediation.

Summary

Now is the time to take advantage of the cost and flexibility benefits of the hybrid cloud for DR operations. NetApp Cloud ONTAP DR is an excellent fit for organizations that want to leverage the cloud for DR with an enterprise-class solution that is easy to deploy. The flexible design helps reduce storage costs across existing storage infrastructures, with the ability to increase responsiveness to changing business requirements.

Learn more about NetApp cloud solutions at www.netappcloud.com.

About NetApp

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future.

www.netapp.com