

DATASHEET

NetApp Cloud Sync Service

Simple, rapid, and continuous data migration and synchronization service for file systems with any cloud or on-premises target



The challenge

In our data-driven and dynamic era, enterprise IT professionals often need to move large amounts of data between domains, platforms, technologies, and formats. In some cases, an enterprise changes strategy and decides to move to cloud in order to increase business agility, or to change from a capex to an opex business model. In other cases, enterprise operations decide to move from legacy to new technologies, or they need to consolidate platforms due to corporate mergers. In either case, the enterprise IT and storage professionals need to move data, migrate data, and transform and sync data.

Depending on the size and type of dataset you are working with, the task of migrating data to a different site, technology, or format can be quite daunting. It's helpful to consider these serious questions:

- How do you effectively and securely get your dataset to the new target?
- How do you transform to the new format and structure?
- How long is it going to take?
- How do you keep it up to date?
- How much will this process cost?
- How do you validate that the migrated data is consistent and complete?

NetApp Cloud Sync Service—designed for data migration and synchronization

The NetApp® Cloud Sync service offers a simple, secure, and automated way to migrate your data to any target, in the cloud or on your premises. Whether it's a file-based NAS dataset (NFS or CIFS), Amazon S3, Amazon EFS, NetApp Cloud Volumes Service Storage, Azure Blob, Azure NetApp Files, GCP Object Storage, IBM Cloud Object Storage or NetApp Storage Grid®, Cloud Sync can convert and move it for you.

Once your data is transferred, it's fully available for use on both source and target. Cloud Sync continuously syncs the data, based on your predefined schedule, moving only the deltas, so time and money spent on data replication is minimized.

Cloud Sync use cases

Cloud Sync can be employed in various use cases, including cloud onboarding, data migration, data

Key benefits

- Get rapid and secure data migration and synchronization service that can operate with any source and target
- Automate data migration processes, on premises or to the cloud
- Continuously convert and copy your file-based data by using a cost-effective SaaS service

tiering, data archiving, data consolidation and collaboration, data protection, big data analytics (using AWS services), and more.

In any use case, transferring your data—to the cloud or between servers on your premises—is challenging. Because of the massive amounts of data, issues such as transfer speed, data security, process flexibility, costs, tracking errors and failures, recovery mechanisms, data compatibility, and overall ease of use are critical for the success of enterprise data migration.

Such operation requires a solution that can carry out the scale and complexity of your data. Developing in-house tools might mean untested solutions, spiraling costs, and a repeating process of trial-and-error failures. But Cloud Sync was designed for exactly this purpose—to move data from any source to any target. It supports all formats, and has built-in mechanisms for tracking and logging errors, recovery, and continuous sync schedules.

Quick and efficient: continuous, automated data synchronization

Cloud Sync provides extremely fast data movement compared to other synchronizing solutions.

Safe and secure: delivery assurance based on built-in data protection

Secure data storage and transport with support for VPN and VPC.

Cost effective: flexible on-demand consumption

Purchase directly or from the AWS marketplace licensed or pay-as-you-go model.

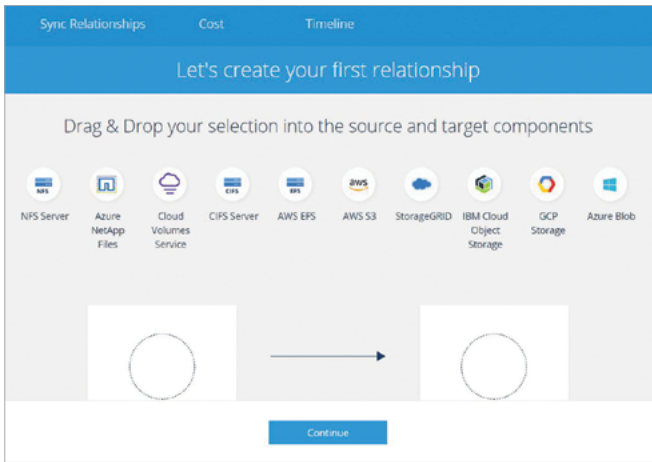


Figure 1) Cloud Sync service—sync file systems with Amazon S3.

Hybrid Data Environment in Sync: bring your data center and the cloud together

Realize the power of the Data Fabric with the ability to get your data where you want, when you want, and in any format.

Intuitive and easy to use: simple user interface and monitoring tools

Automate complex data migration processes by using a simple drag-and-drop wizard and monitor progress with designated tracking tools.

About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people—anytime, anywhere. www.netapp.com

