



Datasheet

NetApp Data Fabric Cloud Sync Service

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

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

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 Simple Storage Service (S3) object format, a NetApp StorageGRID® Webscale appliance, or any other cloud provider object store, 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.

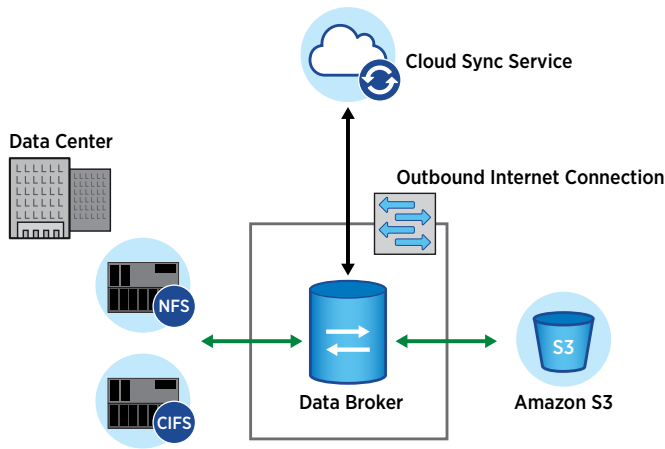


Figure 1) Cloud Sync service—sync file systems with Amazon S3.

Cloud Sync Use Cases

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

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

NetApp is the data authority for hybrid cloud. We provide a full range of hybrid cloud data services that simplify management of applications and data across cloud and on-premises environments to accelerate digital transformation. Together with our partners, we empower global organizations to unleash the full potential of their data to expand customer touchpoints, foster greater innovation and optimize their operations. For more information, visit www.netapp.com. #DataDriven