

NETAPP DATA MIGRATOR



The challenge

Cloud data migrations demand time, resources, and specialized skills, yet many teams still rely on limited open source tools and custom scripts. With multiple protocols and cloud endpoints, complexity rises and errors become more likely. This highlights the need for a unified, fully supported multi protocol, multi cloud migration solution with strong monitoring and validation. High migration costs also restrict how much data organizations can move - making an efficient, end to end migration platform essential for successful cloud transformation.

The opportunity

NetApp Data Migrator stands out by supporting both NFS and SMB migrations in a single platform. It provides the flexibility to configure migrations to your requirements, schedule transfers, and monitor progress through a live dashboard that clearly highlights any errors encountered during the transfer. With comprehensive logging, reporting, and validation, along with storage discovery for planning and Chain of Custody (COC) report generation for auditing, NDM enables efficient and reliable migrations without requiring deep technical expertise.

Top 5 Reasons to Use NetApp Data Migrator (NDM)



1

Multi protocol, multi cloud support
Move data and metadata seamlessly across NFS/SMB protocols to migrate data from on-premises or cloud storage systems to NetApp's first-party cloud storage destinations (Amazon FSx for NetApp ONTAP, Azure NetApp Files, and Google Cloud NetApp Volumes) as well as to the third-party cloud storage destination, Cloud Volumes ONTAP.



2

Real Time Visibility & Operational Control
Monitor jobs in real time with NDM to stay aware of errors, logs, and worker activity hence keeping your migration on track. Start, pause, and resume migration jobs on your schedule.



3

Scalable architecture
Associate one or more worker/data mover nodes to enable parallel data transfers, allowing seamless scaling of your migration projects efficiently for large datasets and other complex enterprise migrations.



4

Compliance & Reporting
Generate Chain of Custody reports to ensure data integrity. Checksums verify each file, so you get a report confirming your data is accurate and complete. Runs within your own infrastructure, you maintain full control over your data, network, and security at every step.



5

No license cost
NDM is available for NetApp customers at no additional cost. There is no licensing cost for the NDM application itself.

How NetApp Data Migrator works

NetApp Data Migrator (NDM) operates through a two plane architecture consisting of a worker plane and a control plane. The worker plane is made up of worker VMs deployed in your environment, responsible for scanning and migrating files and directories, syncing metadata, performing incremental syncs, and sending high level statistics back to the control plane. The control plane serves as the central management layer, providing UI based access to configure and manage projects, users, jobs, workers, and file servers.

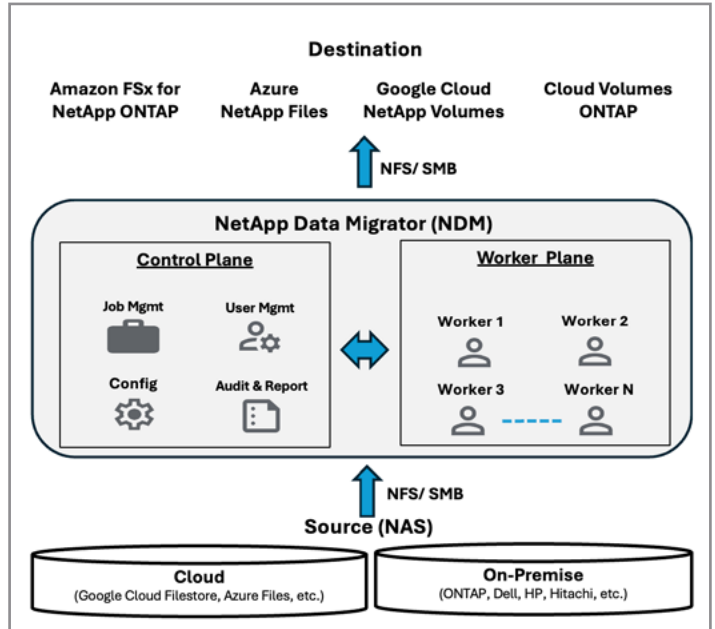


Figure 1: NetApp Data Migrator (NDM) diagram

NetApp Data Migrator - Migration made effortless

NetApp Data Migrator provides fast, resilient file data transfers from any NAS storage to NetApp's first-party and third-party cloud destinations.

[Learn more about NetApp Data Migrator.](#)



Contact Us

About NetApp

For more than three decades, NetApp has helped the world's leading organizations navigate change – from the rise of enterprise storage to the intelligent era defined by data and AI. Today, NetApp is the Intelligent Data Infrastructure company, helping customers turn data into a catalyst for innovation, resilience, and growth. At the heart of that infrastructure is the NetApp data platform – the unified, enterprise-grade, intelligent foundation that connects, protects, and activates data across every cloud, workload, and environment. Built on the proven power of NetApp ONTAP, our leading data management software and OS, and enhanced by automation through the AI Data Engine and AFX, it delivers observability, resilience, and intelligence at scale. Disaggregated by design, the NetApp data platform separates storage, services, and control so enterprises can modernize faster, scale efficiently, and innovate without lock-in. As the only enterprise storage platform natively embedded in the world's largest clouds, it gives organizations the freedom to run any workload anywhere with consistent performance, governance, and protection. With NetApp, data is always ready – ready to defend against threats, ready to power AI, and ready to drive the next breakthrough. That's why the world's most forward-thinking enterprises trust NetApp to turn intelligence into advantage.

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