

The fast, intelligent, and no-cost way to migrate to Azure NetApp Files



Analytics show what to migrate. Quickly migrate from any NAS environment to Azure NetApp Files.

Smart data migrations to the cloud

When it's time to move your file workloads to the cloud, you need Komprise and Microsoft Azure NetApp Files to make the process simple, secure, and cost effective, while future-proofing your data.

Smart migrations focus on understanding the data rather than on re-creating your on-premises infrastructure in the cloud. Start with Komprise analytics to gain visibility into any NAS environment over standard protocols and use the Komprise Global File Index to select datasets with precision. Komprise analytics deliver visibility into key metrics for preprovisioning and proper placement of data as you plan your migration to Azure NetApp Files.

With your data selected, Komprise brings multiple benefits for cloud data migrations:

- **Optimization for WAN.** Minimize network usage by reducing the number of requests over the network to migrate efficiently, even over WANs.
- **Faster migration.** The scale-out architecture means 27 times faster migrations than with generic tools.
- **Full file fidelity maintained.** Migrate with all file permissions, access controls, and data integrity intact.
- **Automation with APIs.** Manage migrations through APIs so that you can integrate Komprise into your processes.

By taking the guesswork out of migrations, you can right size your Azure NetApp Files environment and gain predictable performance without overspending.

No-cost disaster recovery in the cloud with heterogeneous replication

Just because your current NAS vendor doesn't have a cloud strategy, it doesn't mean that you can't create a robust disaster recovery plan with Azure NetApp Files. The Komprise scale-out data management and mobility platform can replicate your dataset from any NAS so that you can fully use the resilience that's built into Azure NetApp Files.

AI-ready and future-proof

A smart approach to data management doesn't end with migration. The same advanced analytics that powered your migration enable you as the data owner to accurately move data into cloud analytics services for new insights and value. With Komprise Intelligent Data Management, you get cloud-native access in Azure so that your employees can run Azure analytics, artificial intelligence, and machine learning services on your data after migration. You can also secure your data with advanced security features such as immutable storage to protect against ransomware and to create data-retention policies.

Use case: Smart Data Migration from Isilon/PowerScale

Large enterprises are migrating from Dell EMC Isilon/PowerScale to modern storage platforms, including on-premises NAS and cloud NAS such as Azure NetApp Files. These cloud migrations help enterprises adopt more scalable, automated, and cost-efficient storage platforms that can flex with fast-changing data environments. Customers like

Key Features

- **Analytics-driven insight.** Analyze and identify the precise data to migrate to the cloud from across your NAS.
- **Standard protocols.** Analyze and move datasets from any hardware vendors over the standard protocols of NFS, SMB, or object storage.
- **27 times faster migration.** Shrink cloud migration time with auto-parallelized architecture to maximize performance.
- **Reliable migration.** Migrate to the cloud with all file permissions, access control lists, and data integrity intact with MD5 checksums on every file.
- **Actionable insight.** Gain visibility into all your data, across cloud and NAS silos, with the Komprise Global File Index.
- **Proven solution at scale.** Leading enterprises use Komprise to reliably migrate tens of petabytes of data to the cloud.

Pfizer use Komprise to improve the economics of enterprise storage by moving off Isilon/PowerScale to modern all-flash storage plus cloud.

Unlike Isilon/PowerScale CloudPools, Komprise Transparent Move Technology (TMT):

- Puts you in control of your data, with native file format in the cloud for AI-ready data and no vendor lock-in
- Maintains application and user access without stubs
- Stays out of the hot data path for zero impact to primary data workloads
- Migrates data even if it has been tiered by CloudPools, without requiring rehydration

By using Komprise Smart Data Migration, which combines intelligent tiering and migrations, you can immediately reduce costs and the amount of data for migration. This benefit is in stark contrast to point migration tools that treat all data the same. Komprise has extensive experience in migrating petabyte-scale data volumes from Isilon/PowerScale to NetApp® on-premises storage arrays and to cloud storage environments such as Azure NetApp

Files. By teaming with NetApp, Microsoft Azure, and Komprise, you can be confident that your migration project is backed by world-class support. To learn more about this Smart Data Migration solution, read this [Microsoft blog post](#).

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.

About Komprise

Komprise is transforming the way customers migrate their data to NetApp in the cloud with an analytics-first approach. Komprise is a provider of unstructured data management and mobility software that frees enterprises to easily analyze, mobilize, and monetize the right file data. The Komprise software is a modern scale-out solution that deploys in minutes, scales on-demand, requires no dedicated hardware or proprietary agents, and simplifies the path to the cloud.

“Komprise helps us figure out how much cold data we have and tier it to Azure.”

—Dan Streufert, MedPlast Group



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