NetApp

ACHIEVE PERFORMANCE, SCALE, AND SECURITY WITH LESS RISK

Read how enterprise organizations are getting what they need in the cloud.

Microsoft

Abstract:
No one said database migration was easy—but hanging back is not an option. While migration challenges are real, they can be overcome with the right process, people, and technology. High-profile companies worldwide are using Azure NetApp Files to help them successfully migrate and operate their databases in the cloud.

Migrating databases to the cloud offers organizations clear benefits—lower costs, better data security, and higher performance among them. But these major transitions can also raise the scary specter of risk.

High-performance applications need high reliability and availability to keep business-critical functions humming. Organizations want to avoid the horror story of disruption at all costs, but cloud infrastructure doesn't always offer the total solution needed for peace of mind.

At NetApp, we understand these challenges inside out and have vast experience in helping companies solve them. Azure NetApp Files provides high-performing, scalable file services that make it easy to store and protect data while managing business continuity risk—all in a Microsoft first-party enterprise service in Azure.

99.99%
availability

30-40%
faster environment deployment

80%
reduction in outages

Global success stories

This solution offers you the confidence to migrate even your most complex databases to Azure. Organizations around the world have relied on it to fully realize the transformative benefits of moving databases to the cloud. Here are a few of their stories.

SAP: Faster deployment and fewer outages

As the world leader in enterprise software, SAP hardly needs an introduction. The software giant chose to run its HANA Enterprise Cloud (HEC) in Azure on Azure NetApp Files. The solution offers SAP customers performance, reliability, and lower total cost of ownership (TCO)—all of which help customers achieve better business operations and a faster time to market.

SAP customers seek premium cloud performance, and Azure NetApp Files delivers. It allows users to seamlessly scale both performance and capacity up and down to 100TB per volume, with data in place and no time-consuming copies required. It offers 99.99% availability with the consistent performance required for database workloads. And it enables business-critical Oracle and SQL database applications to run on Azure with submillisecond response times (over 300k IOPS).

With it, SAP also offers customers powerful data protection. Data is online and durable due to highly available volumes, and it is encrypted at-rest and in-transit through a FIPS-140-2-compliant encryption mechanism for best-in-class data security. SAP also turns to Azure NetApp Files for business continuity support, using snapshot technology for fast and reliable copies and recovery.
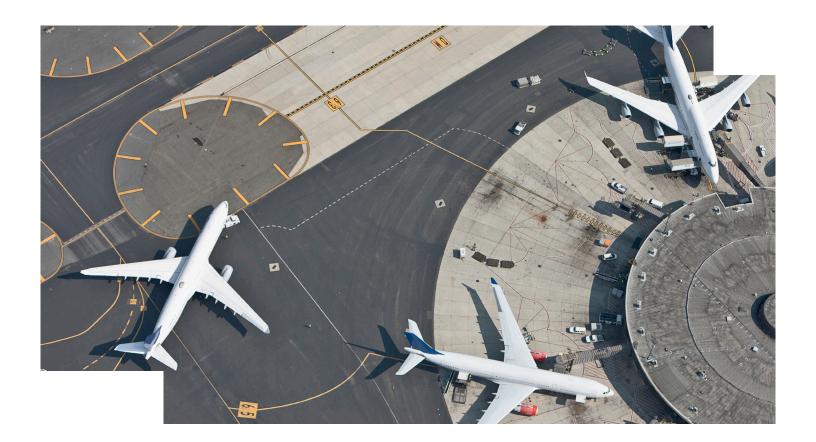

"NetApp is our trusted partner. They are a key to delivering a robust Infrastructure-as-a-Service environment, which is the backbone of any software that runs on top of it."

Lalit Patil, Chief Technology Officer, SAP HANA Enterprise Cloud

Azure NetApp Files plays a significant role in infrastructure as a service (IaaS) deployments for SAP, enabling customers to adopt the cloud more quickly. The process is simplified by the fact that Azure customers don't need to buy or manage extra storage infrastructure.

With Azure NetApp Files, SAP is able to:

- Deploy environments 30-40% faster
- Reduce outages by 80% due to added stability

SWISS: 30% cost savings, increased passenger satisfaction
Swiss International Air Lines (SWISS) faced end-of-life support for two costly on-premises datacenters. The airline recognized that a move to the cloud would boost flexibility, add volume, and lower costs.

SWISS opted for a back-to-back migration and modernization with Azure, building on its 20-year history with Microsoft technology. It shifted its on-premises databases to Azure SQL and others and migrated integral legacy infrastructure to Oracle on Azure.

The airline is on track with its migration goals, including the desire to increase its storage and computing capacity compared to its former on-premises workloads. To achieve this, it's using Azure NetApp Files to access high-performance storage and taken a multi-zone approach for its business-critical systems.

SWISS is set to achieve up to 30% cost savings compared to running on-premises. It has achieved a remarkable boost in platform stability along with enhanced security visibility, now operating in a more proactive manner.

"We gained executional performance with products like Azure NetApp Files and greatly reduced licensing issues."

Habib Qureshi, Solutions Architect, SWISS

> *"We have been able to automate all deployments of infrastructure, application, middleware, and more. This is giving us much greater flexibility."*
>
> *Kees van Duin, IT Integrator, ABN AMRO*

Lead the way to successful database migration
Digital transformation is no longer optional for organizations that want to remain relevant and competitive. Migrating databases to the cloud entails risk, but leading companies such as SAP, SWISS, and ABM AMRO have successfully utilized Azure NetApp Files to reduce those risks. And they've achieved that while enhancing performance and lowering costs. Find out how your organization can reap the same kinds of rewards.

Learn more →   Get started →

ABM AMRO: Leaping into the future of financial services
Dutch bank ABN AMRO is determined to embrace digitalization to improve its operations and provide better services for its customers. To do this, it has embarked on a digital transformation program which includes adopting new technologies, moving applications to the cloud, and embracing a new DevOps working culture.

Crucial to achieving this has also been migrating its trading and treasury front-to-back-to-risk platform Murex MX.3 from on-premises to Microsoft Azure. All while shifting from Oracle Exadata to Oracle database on Azure NetApp Files. This is part of a key initiative that's giving ABN AMRO improved flexibility, scalability, and time to market.

The migration is helping ABN AMRO provide more stable, more secure services—all while driving efficiencies and improving its working culture.

About NetApp
NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities. **www.netapp.com**

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