

SOLUTION BRIEF

Migrate your data-intensive VMware workloads to Azure



vmware®  Microsoft Azure

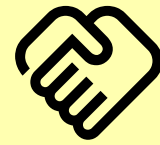
Migrate, extend, and protect storage-heavy, data-intensive VMware workloads in Azure

The challenge

Most enterprises haven't yet moved their data-intensive, storage-demanding VMware workloads to the cloud. It's been expensive, time-consuming, and complex. There hasn't been a feasible path to the cloud for these workloads—until now.

**20 years
of partnership**

**+20,000
joint customers**



An innovative, unified solution

With Azure NetApp Files datastores for Azure VMware Solution, you can now migrate and run storage-heavy VMware workloads in Azure more easily and cost-effectively than ever before. NetApp® is the first cloud storage service provider to be certified and supported as an external, supplemental datastore for VMware on Azure environments.

Why did Azure choose to partner with VMware and NetApp for this revolutionary solution?

- **Experience.** Only NetApp has the Azure storage services that meet the performance needs of VMware workloads while reducing costs.
- **History.** NetApp has been building integrated solutions with both Azure and VMware for 20 years, serving 20,000+ joint customers.
- **Integration.** As a VMware design partner, NetApp has deep integration with VMware services and offerings. Our partnership is built on a common goal of enabling our customers with flexible choices for future change.
- **Services.** With Azure NetApp Files datastores for Azure VMware Solution, you can reduce costs, accelerate critical workloads, and protect and secure data across your Azure cloud, without disrupting operations.

Key benefits

Lower TCO: Scale workload storage independently of compute and optimize storage for VMware workloads:

- At last, you can migrate your VMware workloads to Azure with Azure NetApp Files datastores for Azure VMware Solution.
- Regain control of your TCO with reduced on-premises infrastructure costs. Run VMware workloads for up to 30% less on Azure by decoupling storage and expensive compute nodes.
- Get scalable, rightsized storage solutions without additional unnecessary compute costs.

Simplify life in the cloud with unified data management:

- Take the most cost-efficient path to run workloads in Azure VMware Solution with simplified migration, scalability, resilience, and flexibility.
- Migrate and scale while maintaining resilience and flexibility: any workload, one unified approach.
- Experience consistent data management on-premises and in the cloud.

Together, NetApp, VMware, and Azure have removed the last barrier that prevented the migration of large, storage-intensive VMware workloads to the cloud. Enterprises can finally take advantage of cloud agility and efficiency for storage-heavy workloads. With NetApp, Azure, and VMware, you can put your migration plans into action today.

Lower TCO

The bottom line is always top of mind for any successful business. Legacy VMware cloud storage infrastructure has been an area of concern for two main reasons: expensive TCO in the data center and high costs associated with running VMware workloads in Azure.

It's faster and easier to harness the advantages of the cloud when NetApp, VMware, and Azure come together. NetApp's mature cloud services optimize migrating your workloads with Azure VMware Solution—even if you have in-guest storage connectivity requirements such as NFS or SMB. Because workload management with VMware is integrated with Azure NetApp Files datastores, it's easy to quickly adopt new cloud technologies and start migrating.

By decoupling storage from compute, NetApp, VMware, and Azure customers can finally decrease the total cost of running VMware in Azure. This is the first solution that enables you to scale storage without purchasing extra Azure VMware Solution nodes, resulting in cost savings of up to 30% when you run VMware in the cloud. Now you can grow storage capacity independently of compute to support storage-heavy datasets, burst storage capacity needs, and create robust storage repositories in the cloud.

You can add storage capacity by percentage or absolute value with a minimum capacity per file system of 1024GB and a maximum of 192TB uncompressed. Not enough? You can get even more by using deduplication, compression, and other efficiency technologies to reduce the required storage capacity of your data.

Migrate and modernize on your terms while benefiting from the cost controls and optimization that are available only with Azure NetApp Files datastores for Azure VMware Solution.

Consistent, simplified operational experience

Your team does best when using familiar tools, so give them a consistent operating experience, whether they're on-premises or in the cloud. NetApp and VMware integrate natively into Azure. So, when you use Azure NetApp Files as a supplemental datastore for Azure VMware Solution, you get one consistent environment, unified data services, and centralized management. Visibility both on-premises and in the cloud? Check.

Your enterprise will benefit from minimal rearchitecting, faster migrations, and the ability to extend and manage consistent IT operations wherever you have workloads. Meanwhile, your team will be relieved knowing that there's less reskilling needed to learn new systems or cloud platforms. Azure NetApp Files handles data management, visibility, monitoring, and proactive support of your cloud infrastructure, which should give you some well-deserved peace of mind.

Whether you've come to love Azure NetApp Files over the years or are using it for the first time, you can work seamlessly in the cloud with Azure NetApp Files datastores for Azure VMware Solution. Rest easy knowing that you have cost-efficient, reliable, and resilient data protection and security with disaster recovery options in the cloud—and yes, those come built in.

No matter where you find yourself on your journey to the cloud, only NetApp and VMware provide the complete, integrated, and future-ready platform to address your key IT initiatives. You'll always be at least one step ahead of the competition.



Learn more

www.netapp.com/azure/azure-netapp-files/vmware-on-azure/



Sign up for a

[1:1 strategy session](#)

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.



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