

AT-A-GLANCE

# Why NetApp for VMware on AWS just makes sense



Are you challenged with how to take advantage of hybrid cloud and modern containerized applications without having to completely redesign your IT infrastructure or refactor enterprise applications?

VMware Cloud (VMC) on AWS is an easy way for you to quickly lift and shift workloads to the public cloud without making significant changes to your infrastructure. Integrating NetApp® ONTAP® data management technologies with your VMC on the AWS cloud takes applications and data assets to the next level—and sets the stage for you to gain a competitive advantage.

Here are 10 reasons why NetApp for VMware on AWS just makes sense.

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**1 Freedom to choose.**  
NetApp and VMware integrations allow you to extend your on-premises and other cloud environments to AWS. This gives you more options and the flexibility to migrate your workloads to AWS to best meet your business needs.
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**2 Speed time to production.**  
Get your applications up and running in production quickly, without the inertia of code and operational changes. Because NetApp ONTAP supports NFS datastores and the SMB protocol, including SMB2.x and SMB 3.x, you can easily ‘lift and shift’ on-premises applications into AWS.
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**3 Freedom to move.**  
Moving or failing over VMs and data assets between on-premises and AWS is easy with vMotion for vSAN and NetApp SnapMirror®. As the value and activity of data changes, you can use NetApp ONTAP to store that data in the most appropriate and cost-effective AWS tier.
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**4 Cost and data efficiencies.**  
Benefit from all of the NetApp ONTAP storage efficiency and cost-savings features, including compression and deduplication. These features automatically reduce your file system storage consumption—typically a 65% savings for general-purpose workloads. The ability to scale compute and storage independently means you can right-size your hybrid cloud and pay only for the resources you need.
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**5 Simplified data management.**  
Combine the agility of AWS with NetApp ONTAP enterprise-grade data services from a self-directed solution with NetApp Cloud Volumes ONTAP or as a fully managed native AWS service in Amazon FSx for NetApp ONTAP. Continue to orchestrate and automate data movement for your VMware hybrid cloud environment with NetApp Cloud Manager.
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**6 Integrated data protection.**  
You can rest easy knowing your data has the same protection in the cloud as in your on-premises environment. Maximize uptime with multiple availability zone deployments and cross-region replication on AWS. Protect data with immutable NetApp Snapshot™ copies and automated, efficient, highly durable backups from NetApp Cloud Backup.
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**7 Ransomware protection.**  
NetApp ONTAP integration with VMC on AWS provides visibility of malicious activity and allows you to develop policies, automate responses, identify, and detect potential attacks before they disrupt your business.
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**8 Easy, nondisruptive DR testing in AWS.**  
Building cloud into your disaster recovery plan is imperative to maintain compliance and protect your customers from events that might result in data loss or service outage. NetApp ONTAP integration with VMC on AWS allows you to create application-consistent copies quickly and without disrupting operations.
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**9 Speed up development testing operations.**  
Back up or clone datastores and virtual machines in seconds. Amazon FSx for NetApp ONTAP offers rapid, zero-impact snapshot copies, rich data management capabilities, and scheduling options.
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**10 Powerful data services that put you in control.**  
NetApp Cloud Insights, Cloud Data Sense, Cloud Backup, Cloud Tiering and Ransomware protection automate, protect, optimize, classify, and analyze service delivery operations across the enterprise hybrid cloud. You get a portfolio of intelligent cloud and data services to run faster and more reliably across hybrid multicloud environments.

## Your future-ready platform is here today

Find out how you can migrate your NetApp and VMware on-premises estate to AWS: [netapp.com/hybrid-cloud/vmware](https://netapp.com/hybrid-cloud/vmware).