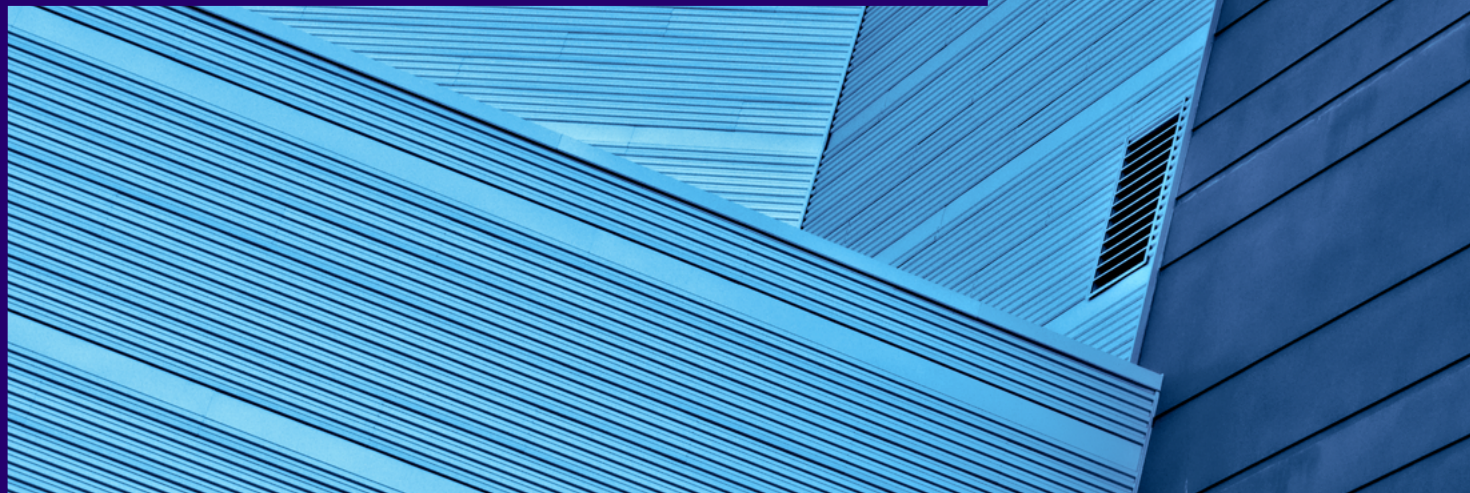


NETAPP STORAGE INTEGRATION WITH AWS OUTPOSTS



Simplify the hybrid cloud experience with integrated management.



Combining the power of the cloud with enterprise-grade storage

Amazon Web Services, the world's most comprehensive and broadly adopted cloud, and NetApp, the industry leader in enterprise-grade storage, have partnered to deliver application-driven storage for business-critical workloads. Our integrated solution allows customers to use NetApp® on-premises enterprise storage arrays with AWS Outposts to create a resilient and optimized infrastructure for your workloads.

The challenge

Every company is at a different stage on its journey to the cloud. However, some workloads must remain on premises because of low latency, data processing, or local data storage needs, and to meet regional compliance and data privacy requirements.

In today's world of AI, generative AI, and analytics, enterprises need all the data-crunching capacity they can get. When you deploy new services or run applications with varying usage needs, the cloud provides a level of flexibility that allows you to pay for what you need, when you need it. But even though the cloud has become synonymous with flexibility and efficiency, some applications are not moved to the cloud. That's because organizations need to modernize applications, acquire new knowledge, and update policies, making the cloud journey slow, expensive, and complex.

As enterprises adopt the cloud for agility and lower costs, they also want robust AWS-native features on their premises, so that IT can build and run modern, secure, application-driven cloud workloads.

Many compute- and storage-intensive workloads and graphics-intensive programs with fixed usage patterns continue to be deployed in a more traditional fashion: in the on-premises data center. This hybrid architecture creates disparate development and operating models that miss out on the benefits of the AWS Cloud.

Instead of using siloed models, what if developers could use the same services and APIs they use in AWS Regions to develop applications on their premises?

Truly consistent hybrid cloud experience

Customers need to control what happens to their data no matter where it is. Enterprises must exploit the benefits of cloud infrastructure and services in models that best fit their applications' needs—focusing on data storage and delivering business value.

AWS Outposts is a fully managed service that brings the AWS experience on premises. It offers the same AWS hardware infrastructure, services, APIs, and tools that you use to run your applications on premises. You can run AWS compute, storage, databases, and other services locally on AWS Outposts and scale your on-premises applications by using familiar AWS services and tools.

Each logical Outpost is connected to a nearby AWS Region. Thus, AWS Outposts provides the same management and control plane services on premises for a consistent operational experience across your local and regional environments. Your AWS Outposts infrastructure and AWS services are managed, monitored, and updated by AWS just as in the AWS Regions. This consistency increases developer productivity and accelerates time to value, empowering digital transformation right inside customers' data centers.

NetApp and AWS Outposts integration

AWS and NetApp now support the ability to use block storage on NetApp on-premises enterprise storage arrays with Amazon Elastic Cloud Compute (Amazon EC2) instances on AWS Outposts through native AWS tooling. This integration allows customers to use NetApp's intelligent data infrastructure with AWS Outposts to create a resilient and

KEY BENEFITS

NetApp and AWS Outposts support a broad range of workloads for block storage.

- **VMware to Amazon EC2 instance migration.** Migrate from VMware virtual machines (VMs) to Amazon EC2 instances where NetApp storage is the primary for all data.
- **Databases.** Customers can run mission-critical databases on AWS Outposts and leverage NetApp tools for backup, replication, and disaster recovery.
- **Enterprise and financial services apps.** Customers can run their latency-sensitive applications and regulated workloads on Outposts and benefit from the AWS security and compliance features.

optimized infrastructure for your workloads with low latency, data residency, or local data processing needs. Here are some benefits of the integration.

- **Simplified user experience.** Customers can boot Amazon EC2 instances from volumes backed by NetApp® on-premises enterprise storage arrays using AWS-provided automation scripts. They can also attach data volumes backed by NetApp on-premises enterprise storage arrays to Amazon EC2 instances directly from the AWS Management Console. This feature simplifies the user experience, automates volume provisioning and attachments, and enhances data efficiencies for boot and data volumes.
- **Enhanced data protection.** NetApp can provide enhanced data protection and compliance across AWS Outposts and AWS Regions with industry-leading file, block, and object services.
- **Seamless hybrid cloud.** Customers can extend the power of the AWS Cloud into their own data centers and Amazon FSx for NetApp ONTAP while continuing to use existing high-performance storage arrays.



Contact Us

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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