

DATASHEET

# NetApp Cloud Volumes ONTAP Implementation Service



**Quickly and securely gain all the benefits of NetApp ONTAP software across all major public clouds.**

**The challenge**

Organizations around the world are moving from on premises to the cloud to improve IT agility and workload scalability. Many enterprises choose NetApp® Cloud Volumes ONTAP® to help them bring the exceptional accessibility, performance, and security benefits of NetApp ONTAP software to the cloud.

But overprovisioning, lack of experience in large-scale cloud implementations, and compliance issues make it difficult to realize all the advantages that Cloud Volumes ONTAP offers. In addition, lack of resources and specialized ONTAP know-how can result in:

- Slower time to value for workloads deployed on Cloud Volumes ONTAP.
- Diminished data integrity and reduced business productivity due to insufficient connectivity and poor synchronization between Cloud Volumes ONTAP and your on-premises environment.
- Increased cost of data protection by using physical resources in a secondary data center or in a collocated data center.

### **The solution**

NetApp Cloud Volumes ONTAP Implementation Service delivers the expertise that you need to deploy business-critical workloads quickly and securely across all major public clouds (Amazon Web Services, Microsoft Azure, and Google Cloud). This cost-effective service helps you control costs in the cloud with the right mix of application capacity and performance for maintaining business continuity, compliance, and scalability. With the choice of four implementation packages (enterprise file and block, data protection, disaster recovery, and cloud backup), our Professional Services experts enable you to quickly take advantage of all the benefits that Cloud Volumes ONTAP offers to meet your specific business needs.

### **Eliminate overprovisioning and control cloud spending**

You shouldn't have to trade cost for performance in the cloud. The service first assesses the hosts, storage, and fabrics to be deployed in the cloud and determines the appropriate configuration. It then identifies performance, capacity, security, and network requirements for critical workloads before implementing Cloud Volumes ONTAP, making sure that you don't have to pay for more than you need.

### **Preserve data integrity**

With expert guidance, NetApp Professional Services cloud specialists help you maximize connectivity and synchronization between

### **Key benefits**

#### **Eliminate overprovisioning and control cloud spending**

- Assesses the hosts, storage, and fabrics to be deployed in the cloud and determines the appropriate configuration.

#### **Preserve data integrity**

- Synchronizes data between NetApp Cloud Volumes ONTAP and your on-premises environment to prevent loss of data integrity and impact to productivity.

#### **Deliver high performance with the right mix of cloud resources**

- Maximizes technology advantages by determining the right combination of capacity, performance, data protection, and disaster recovery in the cloud for your applications.

#### **Maintain business continuity and compliance**

- Promotes continuity and scalability by mirroring your on-premises environment, including mapping and testing between your on-premises environment and the cloud provider infrastructure.

NetApp Cloud Volumes ONTAP and your on-premises environment to protect data integrity and maintain your business productivity.

### **Deliver high performance with the right mix of cloud resources**

This service uses proven best practices and the right tools to implement and configure your Cloud Volumes ONTAP environment. Your applications deliver the right mix of cloud resources to meet the capacity, performance, data protection, and disaster recovery requirements of your business. NetApp Professional Services experts have the deep cloud expertise necessary to maximize ONTAP benefits and technology for your environment.

### **Maintain business continuity and compliance**

NetApp Cloud Volumes ONTAP Implementation Service maximizes the benefits of Cloud Volumes ONTAP by mirroring your on-premises environment in the cloud. You realize the business continuity, ease of management, and scaling that your organization needs.

## Get end-to-end service delivery

With NetApp Cloud Volumes ONTAP Implementation Service, you get an end-to-end service delivery to help you take full advantage of all ONTAP features across all major public clouds (AWS, Microsoft Azure, and Google Cloud). You quickly gain the performance, capacity, data protection, and disaster recovery that you need for your business.

NetApp Professional Services experts follow a proven methodology that includes:

- **Discover.** Review the existing architecture and assess information about hosts, storage, and fabrics in your cloud storage environment.
- **Design.** Evaluate collected data and create a low-level detailed design based on your performance, capacity, security, and network requirements for cloud workloads to determine the appropriate configuration.
- **Implement.** Configure and provision the NetApp Cloud Volumes ONTAP virtual infrastructure to deploy Cloud Volumes ONTAP instances through the NetApp Cloud Manager interface. Create storage virtual machines, aggregates, and NetApp Snapshot™ policies, and map LUNs to the compute host.
- **Test and validation.** Verify and validate that the new system configurations are correct, and test and confirm networking between on premises and the cloud.
- **Knowledge transfer and close out.** Deliver a certificate of completion and documentation with a knowledge transfer for ongoing maintenance of the system.

## Related NetApp Professional Services

Related NetApp Professional Services offerings for the cloud can help you derive even more value from your Cloud Volumes ONTAP implementation:

- **NetApp Data Architecture for Cloud.** Create a blueprint for a scalable, resilient, and agile cloud data architecture. This service analyzes and addresses the architecture based on application dependency and workloads.

- **NetApp Data Migration Services for cloud.** Quickly and securely migrate your data from on premises to all major public cloud providers (AWS, Microsoft Azure, and Google Cloud).
- **NetApp Cloud Volumes ONTAP Managed Service.** Simplify management of your environment while optimizing your cloud storage across all major public clouds with real-time 24/7/365 ongoing services to operate and administer your Cloud Volumes ONTAP environment.

## About NetApp Services

Whether you're planning your next-generation data center, need specialized know-how for a major storage deployment, or want to optimize the operational efficiency of your existing infrastructure, NetApp Services and NetApp Professional Services Certified Partners can help.

## Get started today

Learn how your IT environment can help you achieve the outcomes that matter most to you. Contact your local NetApp sales representative or visit [www.netapp.com](http://www.netapp.com).

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## 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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