NetApp Integrating Hybrid Clouds with Microsoft Azure Training

Duration: **2 Day**

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In this course, you learn to implement a hybrid cloud solution with Microsoft Azure by using the NetApp Cloud Volumes ONTAP® solution. You connect an Azure Virtual Network (VNet) and an on-premises data center to unify your infrastructure. You use the NetApp Console™ to move data and manage storage in the hybrid cloud. You learn how NetApp® cloud services are integrated into The NetApp Console to provide persistent storage for Kubernetes containers and enhance data protection, security, and compliance. You also learn to optimize the capacity and performance of Cloud Volumes ONTAP.

Prerequisites

• Integrating Hybrid Clouds Foundation
• Cloud computing concepts: Cloud characteristics, service delivery methods, and cloud deployment models
• Networking concepts and definitions: Classless Inter-Domain Routing (CIDR) and network address translation (NAT)
• Azure concepts: Subscriptions, VNet, virtual machines (VMs), Azure storage accounts, and Azure Blob storage

What You Will Learn

• Configure a VNet and connect it to an on-premises data center with VPN Internet Protocol security (IPsec)
• Describe Cloud Volumes ONTAP architecture
• Install an agent and deploy Cloud Volumes ONTAP
• Explain basic system administration tasks with the NetApp Console
• Copy data between an ONTAP based system and Cloud Volumes ONTAP for Azure for disaster recovery
• Use data tiering to Azure Blob storage for Cloud Volumes ONTAP
• Use Cloud Volumes ONTAP as persistent storage for Kubernetes containers
• Identify performance and sizing options for Cloud Volumes ONTAP