NetApp Integrating Hybrid Clouds with AWS Training

Duration: **2 Day**

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Learn to implement a hybrid cloud solution with Amazon Web Services by using NetApp® Cloud Volumes ONTAP®. Connect an AWS Virtual Private Cloud and an on-premises data center to unify your infrastructure. Use NetApp Cloud Manager to move data and manage storage in the hybrid cloud. Learn about how NetApp cloud services are integrated into Cloud Manager to provide persistent storage for Kubernetes containers and enhance data protection, security, and compliance. Learn to optimize capacity and performance of Cloud Volumes ONTAP

Prerequisites

For a successful learner experience, we recommend that you have knowledge of the following concepts before you attend the course.

- Cloud computing concepts - Cloud characteristics, Service delivery methods, Cloud deployment models
- Networking concepts and definitions - Classless Inter-Domain Routing (CIDR)/Network address translation (NAT)
- AWS concepts - AWS VPC, subnets, Internet Gateway, NAT Gateway, route tables, security groups, Amazon EC2, and Amazon Simple Storage Service (Amazon S3)

In addtion to the 5 day ONTAP Cluster Administration and Data Protection class

What You Will Learn

- Create a VPN connection between a public cloud network VPC and an on-premises data center
- Deploy a connector in the public cloud
- Deploy Cloud Volumes ONTAP in both a single-node and high-availability (HA) configuration
- Use BlueXP to administer Cloud Volumes ONTAP
- Explore data protection options of Cloud Volumes ONTAP
- Analyze data tiering options from on premises to cloud