

## Course Outline

Integrating Hybrid Clouds with NetApp Data Fabric

4 Day Course

### DESCRIPTION

This course familiarizes you with NetApp hybrid cloud, Microsoft Azure, and Amazon Web Services (AWS) solutions and shows you how to weave the solutions into the Data Fabric powered by NetApp. In numerous exercises, you use NetApp and third-party tools to practice how to manage, move, and protect data throughout the cloud. The price of this course includes AWS and Azure resources that are used in the exercises.

### PARTICIPANTS

NetApp employees and partners

### PREREQUISITES

- NetApp Certified Data Administrator (NCDA) certification or equivalent knowledge
- Cloud Fundamentals
- Basic computer networking knowledge

### OBJECTIVES

This course focuses on enabling you to do the following:

- Explain the value of the Data Fabric and NetApp Private Storage for Cloud (NPS for Cloud)
- Describe NetApp Private Storage (NPS) networking requirements
- Deploy a hybrid cloud for customers
- Configure an Amazon Virtual Private Cloud environment and an Azure Virtual Network environment for the hybrid cloud
- Use PowerShell in a Data Fabric environment and extend customers' Microsoft Active Directory into the cloud
- Explain the features of NetApp ONTAP Cloud software and NetApp ONTAP Select software
- Use OnCommand Cloud Manager to deploy ONTAP Cloud instances and to create SnapMirror relationships between ONTAP Cloud software and data center clusters
- Deploy a NetApp AltaVault appliance with Amazon Simple Storage Service (Amazon S3) buckets in AWS as backend storage
- Use an AltaVault appliance to migrate data between AWS and Azure
- Use the Data Fabric Solution for Cloud Backup to restore data
- Use the Cloud Sync service to synchronize NFS data between on-premises storage and cloud-based storage

### OPTIONS

Training Units: 50