

Integrating Hybrid Clouds Foundation (NA- IHCF)

Course Description

Explore the features and benefits of the NetApp® Cloud Volumes ONTAP® system. Learn how to explain the architecture and functionality of NetApp ONTAP based storage in the cloud. Also, learn about basic administration, configuration, and management of the Cloud Volumes ONTAP system that uses NetApp BlueXP™ (formerly NetApp Cloud Manager).

Course Duration

1 day

Prerequisites

A basic knowledge of ONTAP 9 software, AWS, Microsoft Azure, and Google Cloud is recommended

Objectives

This course focuses on enabling you to do the following:

- Summarize the components of a Cloud Volumes ONTAP system
- List the deployment topologies and options
- Identify the different management methods and interfaces
- Distinguish how data is managed in a Cloud Volumes ONTAP system
- Distinguish how to add working environments
- List the features that can be used to manage or protect Cloud Volumes ONTAP, Azure NetApp Files, NetApp Cloud Volumes Service, Amazon FSx for NetApp ONTAP, and ONTAP software resources in a cloud-only or hybrid cloud environment
- Explain the features and benefits of BlueXP
- List the BlueXP deployment options
- Summarize the NetApp cloud service integrations that are available in BlueXP

Course Outline

- **Module 0: Welcome**
 - Logistics and safety
 - About this curriculum
 - Course agenda
- **Module 1: Introduction to BlueXP**
 - NetApp BlueXP
- **Module 2: Introduction to NetApp Cloud Volumes ONTAP**
 - NetApp Cloud Volumes ONTAP
 - Supported regions
 - Cloud Volumes ONTAP use cases

- **Module 3: NetApp Cloud Volumes ONTAP architecture**
 - Disk types
 - Storage architecture
 - Storage management
- **Module 4: Deploying the NetApp Cloud Volumes ONTAP system**
 - Deploying the connector
 - Deploying the Cloud Volumes ONTAP system in AWS
 - Deploying the Cloud Volumes ONTAP system in Azure
 - Deploying the Cloud Volumes ONTAP system in Google Cloud
- **Module 5: Managing the NetApp Cloud Volumes ONTAP system**
 - Managing the working environment
 - Using ONTAP System Manager (advanced view)
- **Module 6: Integrations with BlueXP services**
 - Integrated data protection options
 - BlueXP mobility services
 - BlueXP protection services
 - BlueXP analysis and control services

Who Should Attend

Storage administrators (of any experience level), operators, architects, and implementation engineers