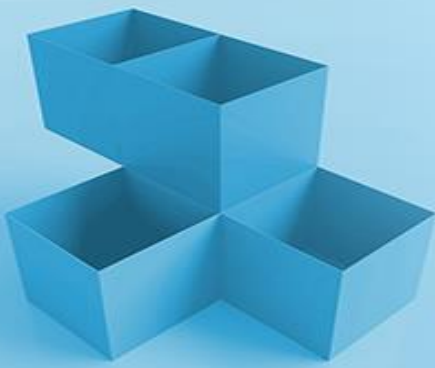


Integrating Hybrid Clouds Foundation



Delivery: ILT and VILT

Duration: 8 hours

Training Units: 12

Course Description

This course describes the features and benefits of the NetApp® Cloud Volumes ONTAP® system. The course helps enable you to explain the architecture and functionality of cloud based ONTAP storage. Also, the course introduces basic administration, configuration, and management of the Cloud Volumes ONTAP system that uses NetApp BlueXP™ (formerly NetApp Cloud Manager).

Audience

Storage administrators of any experience level

Job Role

Administrators, operators, architects, and implementation engineers

Prerequisites

A basic knowledge of ONTAP 9 software, Amazon Web Services (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 various 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 NetApp ONTAP software resources in a cloud-only or hybrid cloud environment
- Explain the features and benefits of BlueXP
- List the various BlueXP deployment options
- Summarize the NetApp cloud service integrations that are available in BlueXP

Course Content

This course includes the following modules, lessons, and exercises:

Module	Lessons	Exercises
Module 1: Introduction to the NetApp Cloud Volumes ONTAP system	Lesson 1: NetApp BlueXP and Cloud Volumes ONTAP Lesson 2: Geographies Lesson 3: Cloud Volumes ONTAP use cases	None
Module 2: NetApp Cloud Volumes ONTAP architecture	Lesson 1: Disk types and tiering Lesson 2: Storage management Lesson 3: Cloud Volumes ONTAP types	None
Module 3: Introduction to NetApp BlueXP	Lesson 1: NetApp BlueXP	None
Module 4: How to deploy the NetApp Cloud Volumes ONTAP system	Lesson 1: Deploying the connector Lesson 2: Deploying the Cloud Volumes ONTAP system in AWS Lesson 3: Deploying the Cloud Volumes ONTAP system in Azure Lesson 4: Deploying the Cloud Volumes ONTAP system in Google Cloud	None
Module 5: Managing the NetApp Cloud Volumes ONTAP system	Lesson 1: Managing the working environment Lesson 2: Using ONTAP System Manager	None
Module 6: Integrations to protect cloud resources	Lesson 1: Integrated data protection Lesson 2: Integrated data protection services Lesson 3: Integrated data privacy services	None
Module 7: Additional cloud services integrations	Lesson 1: Kubernetes Lesson 2: Classification Lesson 3: Tiering Lesson 4: Observability Lesson 5: Edge caching Lesson 6: Cloud operations (CloudOps) Lesson 7: NetApp Active IQ Digital Advisor and discovery Lesson 8: Backup and recovery Lesson 9: Merging NetApp SnapCenter into BlueXP Lesson 10: Remediation	None

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23 December 2022