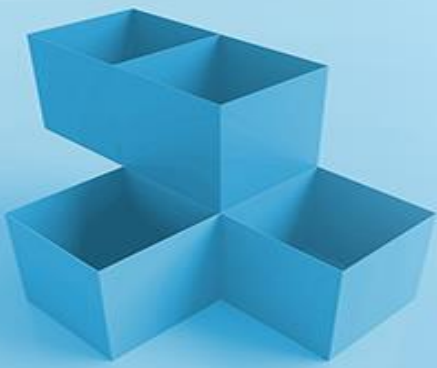


Cloud Volumes ONTAP for Microsoft Azure: Single-Node Configuration



Delivery: On Demand Classroom (ODC)

Duration: 3 Hours

Training Units: 6

Course Description

In this course, you learn how to deploy and administer NetApp® Cloud Volumes ONTAP® for Microsoft Azure in a data fabric delivered by NetApp. You use NetApp Cloud Manager to deploy and manage Cloud Volumes ONTAP, which includes volume management.

To implement the hands-on portion of the course, you are required to create and activate your own Azure account. You are responsible for charges that are incurred for the Azure resources that your account uses in this course.

Audience

Administrators, architects, and engineers

Job Role

- Systems administrator, cloud architect, and engineers

Prerequisites

- *Cloud Volumes ONTAP Fundamentals*
- *NetApp Cloud Manager Fundamentals*

For a successful learner experience, you should understand the following concepts before you attend the course:

- A basic understanding of computer networking, TCP/IP, Classless Inter-Domain Routing (CIDR), and subnets
- A basic understanding of Microsoft Azure

Objectives

This course focuses on enabling you to do the following:

- Deploy NetApp Cloud Volumes ONTAP as a single-node configuration for Azure
- Manage, protect, and access data in a cloud environment
- Administrate NetApp Cloud Manager

Course Content

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

Modules	Lessons	Exercises
<p>Module 1: Azure Cloud networking</p>	<p>Understand Azure Virtual Network, subnets, and routes</p>	<ul style="list-style-type: none"> • Creating an Azure account • Configuring Azure networking • Verifying Azure networking
<p>Module 2: Using Cloud Manager to deploy Cloud Volumes ONTAP</p>	<p>Deploy a connector and use Cloud Manager to deploy Cloud Volumes ONTAP</p>	<ul style="list-style-type: none"> • Deploy a connector in Azure • Granting Azure permissions to Cloud Manager • Deploying Cloud Volumes ONTAP • Explore Cloud Manager
<p>Module 3: Provisioning storage and accessing data</p>	<p>Provision a volume and set up NAS data access</p>	<p>Connecting NAS clients</p>
<p>Module 4: Cloud Manager features</p>	<p>Create NetApp Snapshot copies and FlexClone volumes, restore volumes, and keep data secure</p>	<ul style="list-style-type: none"> • Creating a Snapshot copy and FlexClone volume • Protecting your environment from ransomware • Managing Cloud Volumes ONTAP

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