

Cloud Volumes ONTAP for Microsoft Azure: High-Availability Configuration

Delivery: On Demand Classroom (ODC)

Duration: 4 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 High Availability, 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

NetApp Customers, Partners and Employees

Job Role

Administrator, architect, and engineer

Prerequisites

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

Concepts

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 high availability for Microsoft Azure
- Manage, protect, and access data in a cloud environment
- Use NetApp Cloud Manager

Course Content

This course includes the following modules, lessons, and 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 HA</p>	<ul style="list-style-type: none"> • Deploy a connector in Azure • Grant Azure permissions • Deploy Cloud Volumes ONTAP HA • Review the Azure environment after deployment 	<ul style="list-style-type: none"> • Deploying a connector in Azure • Granting Azure permissions in Cloud Manager • Deploying Cloud Volumes ONTAP HA • Verifying the Cloud Volumes ONTAP HA deployment
<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 Volumes ONTAP HA, programmatic deployments, and tiering data</p>	<ul style="list-style-type: none"> • NetApp Cloud Volumes ONTAP HA • Programmatic deployments • Tiering data 	<ul style="list-style-type: none"> • Working with Cloud Volumes ONTAP HA • Preparing a disaster-recovery cloud • Tiering data

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