

Cloud Volumes ONTAP Troubleshooting

Course Description

This virtual ILT (VILT) enables students to attain a deeper understanding of NetApp® Cloud Volumes ONTAP® and how it functions within the currently supported public cloud vendors. In this course, you learn how to work with and troubleshoot each of the public cloud providers. You also use hands-on experience to collect and analyze troubleshooting data to better triage and resolve issues

Duration

2 days

Prerequisites

One of the following:

- Integrating Hybrid Clouds with AWS
- Integrating Hybrid Clouds with Microsoft Azure
- Integrating Hybrid Clouds with Google Cloud

Objectives

This course focuses on enabling you to do the following:

- Identify the supported public clouds and how they work with Cloud Volumes ONTAP
- Explain the architecture, dependencies, and limitations of the supported cloud provider offerings
- Troubleshoot single nodes and high-availability (HA) nodes with Amazon Web Services (AWS), Microsoft Azure, and Google Cloud
- Understand the current limitations of tiering for migration purposes
- Explain the troubleshooting workflows for Cloud Volumes ONTAP
- Understand Cloud Volumes ONTAP for public cloud providers to bring existing systems back to full health

Course Outline

Module 1: Review of Cloud Volumes ONTAP and public cloud

- AWS review
- Microsoft Azure review
- Google Cloud review
- Logging in to the Exercise Environment

Module 2: Architecture

- AWS architecture
- Microsoft Azure architecture
- Google Cloud architecture
- Identifying disks

Module 3: Known limitations

- Limitations for AWS
- Limitations for Microsoft Azure
- Limitations for Google Cloud

Module 4: Tiering workflows

- Tiering migration

Module 5: Cloud Volumes ONTAP workflows and troubleshooting

- Gather logs for troubleshooting
- Common issues
- Collecting logs manually
- Start and stop the Mediator in AWS
- Logging into Diag and Maintenance Mode in AWS

Who Should Attend

Administrator, Engineer.