

Integrating Hybrid Clouds with Amazon Web Services

Module	Lessons	Exercises
Module 1: Data Fabric Overview	Lesson 1: Data Fabric Lesson 2: Solutions for the Hybrid Cloud Lesson 3: NetApp Public Cloud Products Lesson 4: Cloud Storage Lesson 5: Cloud Services and Analytics Lesson 6: Cloud Controls	Exercise 1: Controlling Cloud Resources with CLI Exercise 2: Controlling Cloud Resources with PowerShell Toolkit Exercise 3: Controlling NetApp ONTAP (On-Premises) Resources with NetApp PowerShell Toolkit
Module 2: Public Cloud Essential Concepts	Lesson 1: AWS Networking and Other Concepts Lesson 2: AWS CloudFormation	Exercise 1: Configuring Resources in AWS with AWS CloudFormation Exercise 2: Reviewing Resources in the AWS Console Exercise 3: Verifying Connectivity to the EC2 Instances in Public and Private Subnets
Module 3: Connectivity from the Public Cloud to Other Networks	Lesson 1: Amazon Web Services Virtual Public Cloud Connectivity to an On-Premises Network	Exercise 1: Connecting AWS VPC to Your On-Premises Network Exercise 2: Configuring Your On-Premises DNS and Domain Controller for Your Amazon EC2 Instances
Module 4: NetApp Cloud Manager	Lesson 1: NetApp Cloud Manager Overview	Exercise 1: Deploying a Connector
Module 5: NetApp Cloud Volumes ONTAP: Single-Node Architecture	Lesson 1: Cloud Volumes ONTAP Lesson 2: Cloud Volumes ONTAP Use Cases Lesson 3: Cloud Volumes ONTAP Architecture Lesson 4: Deploying Cloud Volumes ONTAP Lesson 5: Cloud Volumes ONTAP Supported Features	Exercise 1: Deploying a Single-Node Cloud Volumes ONTAP Instance Exercise 2: Accessing the SMB Share from an SMB Client Exercise 3: Creating an NFS Volume and Accessing It from an NFS Client
Module 6: NetApp Cloud Volumes ONTAP: High-Availability Architecture	Lesson 1: Highly Available Cloud Volumes ONTAP in AWS	Exercise 1: Deploying a Cloud Volumes ONTAP High-Availability Pair Exercise 2: Connecting an SMB Client from Within the Same VPC Exercise 3: Performing Failover and Failback of the High-Availability Pair of Nodes Exercise 4: (Optional) Connecting an SMB Client from Outside the VPC Using a Transit Gateway

<p>Module 7: Administration of NetApp Cloud Volumes ONTAP and NetApp Cloud Manager</p>	<p>Lesson 1: Administering Cloud Volumes ONTAP Lesson 2: Administering Cloud Manager</p>	<p>Exercise 1: Using Cloud Manager for Basic Administration of Cloud Volumes ONTAP Exercise 2: Doing Basic Administration of Cloud Manager</p>
<p>Module 8: Implementing Disaster Recovery with NetApp Cloud Volumes ONTAP</p>	<p>Lesson 1: Disaster Recovery with NetApp Cloud Volumes ONTAP Overview</p>	<p>Exercise 1: Configuring and Managing Disaster Recovery in the Data Fabric</p>
<p>Module 9: Data Tiering for NetApp Cloud Volumes ONTAP</p>	<p>Lesson 1: Data Tiering for NetApp Cloud Volumes ONTAP Overview</p>	<p>Exercise 1: Tiering Backup Data to Amazon Simple Storage Service</p>
<p>Module 10: Using NetApp Cloud Manager to Provision Persistent Storage for Kubernetes Clusters</p>	<p>Lesson 1: Using NetApp Cloud Manager to Provision Persistent Storage for Kubernetes Clusters Overview</p>	<p>Demonstration videos provided</p>
<p>Module 11: Using Integrated Services from NetApp Cloud Manager</p>	<p>Lesson 1: Using Cloud Backup Service from Cloud Manager Lesson 2: Using Cloud Sync from Cloud Manager Lesson 3: Using Cloud Compliance from Cloud Manager Lesson 4: Using Cloud Tiering Service from Cloud Manager</p>	<p>Demonstration videos provided</p>
<p>Module 12: Sizing NetApp Cloud Volumes ONTAP</p>	<p>Lesson 1: An Introduction to Sizing Lesson 2: Capacity Sizing Lesson 3: Performance Sizing Lesson 4: Single Node versus High Availability Lesson 5: Key Differences between Cloud Volumes ONTAP and On-Premises ONTAP Software Lesson 6: Performance Tuning Lesson 7: Frequently Seen Sizing Mistakes</p>	<p>Exercise 1: Exploring the TCO Calculator and Sizer Tools</p>