Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Du kan nå oss her

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Integrating Hybrid Clouds with Microsoft Azure

CODE:	LENGTH:	PRICE:
NEP_UNCMMAZ	16 Hours (2 days)	kr19,300.00

Description

Learn to implement a hybrid cloud solution with Microsoft Azure by using NetApp® Cloud Volumes ONTAP®. Connect an Azure Virtual Network (VNet) and an on-premises data center to unify your infrastructure. Use NetApp Cloud Manager to move data and manage storage in the hybrid cloud. Learn about how NetApp cloud services are integrated into Cloud Manager to provide persistent storage for Kubernetes containers and enhance data protection, security, and compliance. Learn to optimize capacity and performance of Cloud Volumes ONTAP

Objectives

This course focuses on enabling you to do the following:
• Describe how NetApp technologies can be used to build your data fabric
• Configure a VNet and connect it to an on-premises data center with VPN Internet Protocol security (IPsec)
• Describe Cloud Volumes ONTAP architecture
• Install a Connector and deploy Cloud Volumes ONTAP
• Explain basic system administration tasks with Cloud Manager
• Copy data between an ONTAP based system and Cloud Volumes ONTAP for Azure for disaster recovery
• Use data tiering to Azure Blob storage for Cloud Volumes ONTAP
• Use Cloud Volumes ONTAP as persistent storage for Kubernetes containers
• Identify performance and sizing options for Cloud Volumes ONTAP

Audience

- Administrators
- Operators
- Architects
- Implementation Engineers

Prerequisites

For a successful learning experience, NetApp recommends that you know the following concepts before you attend the course.

- **Cloud computing concepts -** Cloud characteristics, service delivery methods & cloud deployment models
- **Networking concepts and definitions -** Classless Inter-Domain Routing (CIDR) and network address translation (NAT)
- **Azure concepts -** Subscriptions, VNet, virtual machines (VMs), Azure storage accounts, and Azure Blob storage

Programme

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
Module 1: Data Fabric Overview Lesson 6: Cloud Controls **Module 2: Public Cloud Essential Concepts**
Lesson 1: Azure Networking and Other Concepts
Lesson 2: Terraform Introduction **Module 3: Connectivity from the Public Cloud to Other Networks**

Lesson 1: Microsoft Azure VNET Connectivity to an On-Premises Network **Module 4: NetApp Cloud Manager**

Lesson 1: NetApp Cloud Manager Overview **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

Module 6: NetApp Cloud Volumes ONTAP: High-Availability Architecture
Lesson 1: Highly Available Cloud Volumes ONTAP in Azure

Module 7: Administration of NetApp Cloud Volumes ONTAP and NetApp Cloud Manager
Lesson 1: Administering Cloud Volumes ONTAP
Lesson 2: Administering Cloud Manager

Module 8: Implementing Disaster Recovery with NetApp Cloud Volumes ONTAP
Lesson 1: Disaster Recovery with Cloud Volumes ONTAP Overview
Module 9: Data Tiering for NetApp Cloud Volumes ONTAP Lesson 1: Data Tiering for Cloud Volumes ONTAP Overview

Module 10: Using NetApp Cloud Manager to Provision Persistent Storage for Kubernetes Clusters
Lesson 1: Using Cloud Manager to Provision Persistent Storage for Kubernetes Cluster Overview

Module 11: Using Integrated Services from NetApp Cloud Manager
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 **Module 12: Sizing NetApp Cloud Volumes ONTAP**
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

Test and Certification

This course is part of the following certifications:

- NetApp Certified Hybrid Cloud Architect
- NetApp Certified Hybrid Cloud Implementation Engineer
- NetApp Certified Hybrid Cloud Administrator

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
14 May 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		kr28,950.00
11 Jun 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		kr28,950.00
09 Jul 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		kr28,950.00
20 Aug 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		kr28,950.00
10 Sep 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		kr28,950.00
08 Oct 2024	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		kr28,950.00
12 Nov 2024	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		kr28,950.00
10 Dec 2024	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		kr28,950.00

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.