Integrating Hybrid Clouds with Microsoft Azure

Category: Cloud Platforms | **Vendor:** Microsoft

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this course, you learn to implement a Hybrid Cloud solution with Microsoft Azure by using NetApp® Cloud Volumes ONTAP®. You connect an Azure Virtual Network (VNet) and an on-premises data center to unify your infrastructure. You use NetApp BlueXP™ (formerly Cloud Manager) to move data and manage storage in the hybrid cloud. You learn how NetApp cloud services are integrated into BlueXP to provide persistent storage for Kubernetes containers and enhance data protection, security, and compliance. You also learn to optimize the capacity and performance of Cloud Volumes ONTAP.

About This Course

In this course, you learn to implement a Hybrid Cloud solution with Microsoft Azure by using NetApp® Cloud Volumes ONTAP®. You connect an Azure Virtual Network (VNet) and an on-premises data center to unify your infrastructure. You use NetApp BlueXP™ (formerly Cloud Manager) to move data and manage storage in the hybrid cloud. You learn how NetApp cloud services are integrated into BlueXP to provide persistent storage for Kubernetes containers and enhance data protection, security, and compliance. You also learn to optimize the capacity and performance of Cloud Volumes ONTAP.

Prerequisites & Entry Requirements

General Prerequisites:

- Integrating Hybrid Clouds Foundation (IHCF)
- Cloud Computing Concepts
- Networking concepts and definitions
- Azure Concepts

Learning Outcomes

Upon successful completion of this course, participants will be able to:

This course focuses on enabling you to do the following:

- 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 BlueXP
- 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

Detailed Course Outline

Configure a VNet and connect it to an on-premises data center with VPN IPsec

Describe Cloud Volumes ONTAP architecture

Install a connector and deploy Cloud Volumes ONTAP

Explain basic system administration tasks with BlueXP

Copy data between an ONTAP based system and Cloud Volumes ONTAP 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

Skills You Will Learn:

This course focuses on enabling you to do the following:

- Configure a VNet and connect it to an on-premises data center with VPN Internet Protocol security (IPsec)
- Describe Cloud Volumes ONTAP architecture
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Frequently Asked Questions

Q: What delivery options are available for Integrating Hybrid Clouds with Microsoft Azure?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Integrating Hybrid Clouds with Microsoft Azure course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Integrating Hybrid Clouds with Microsoft Azure training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Integrating Hybrid Clouds with Microsoft Azure?

Yes, we provide corporate training, dedicated training, and closed classes for Integrating Hybrid Clouds with Microsoft Azure. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Integrating Hybrid Clouds with Microsoft Azure, Hybrid Cloud Training, IHCAZ

Q: Why choose Nexus Human for Integrating Hybrid Clouds with Microsoft Azure?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Integrating Hybrid Clouds with Microsoft Azure training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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