

VMware Horizon Cloud Service: Deploy and Manage on Microsoft Azure

Course Duration:40 Hours

Course code:VMware Horizon Cloud Service

1. Course Overview

During this 4-day course, you focus on deploying and managing VMware Horizon Cloud Service on Microsoft Azure. Learn how to plan and configure the Horizon Cloud environment, deploy and manage virtual desktops and remote applications, and integrate with Azure infrastructure services. Explore image management, user profile configuration, and advanced features such as multi-cloud assignments and hybrid deployment models. Understand how to monitor, troubleshoot, and maintain Horizon Cloud environments to ensure performance, security, and scalability.

2. What you'll learn?

By the end of the course, you should be able to:

- Describe VMware Horizon Cloud Service architecture and components
- Plan and deploy Horizon Cloud pods on Microsoft Azure
- Integrate Horizon Cloud with Azure Active Directory and identity services
- Create and manage desktop images and applications
- Configure user profiles and policies
- Assign desktops and applications to end users
- Monitor and troubleshoot Horizon Cloud environments
- Implement best practices for performance, scalability, and security

3. Target Audience

IT administrators, cloud administrators, and system engineers responsible for deploying and managing virtual desktops and applications with VMware Horizon Cloud Service on Microsoft Azure.

4. Pre-Requisites

Familiarity with:

- Microsoft Azure services and concepts
- VMware Horizon fundamentals
- Windows Server administration
- Virtualization concepts

5. Course content

Module 1: Course Introduction

- Introduction
- Course Contents

Module 2: Introduction to VMware Horizon Cloud Service

- Overview of Horizon Cloud Service
- Supported deployment models
- Use cases and benefits

Module 3: Horizon Cloud Architecture on Azure

- Core components and their roles
- Horizon Cloud pods and pod managers
- Networking and connectivity requirements

Module 4: Planning Horizon Cloud Deployment

- Sizing considerations for desktops and applications
- Azure subscription and resource requirements
- Network topology design

Module 5: Deploying Horizon Cloud on Azure

- Deploying a Horizon Cloud pod
- Configuring pod resources in Azure
- Integrating with Azure Active Directory

Module 6: Image Management

- Creating and optimizing base images
- Managing golden images for desktops and applications
- Updating and versioning images

Module 7: Application Management

- Delivering applications using App Volumes
- Application lifecycle management
- Assigning applications to users and groups

Module 8: User Profile and Policy Configuration

- Managing user profiles with FSLogix
- Applying policies for desktops and applications
- Personalization and user experience optimization

Module 9: Assignments and Access Management

- Creating desktop assignments
- Configuring multi-cloud assignments
- Managing user entitlements

Module 10: Monitoring and Troubleshooting

- Using the Horizon Cloud administrative console
- Viewing system health and metrics
- Troubleshooting common issues

Module 11: Security and Compliance

- Securing desktop and application access
- Configuring conditional access policies
- Data protection and compliance best practices

Module 12: Best Practices and Advanced Features

- Optimizing Horizon Cloud performance
- Managing hybrid deployments
- Leveraging automation and APIs

