omnissa™

Horizon Cloud Services next-gen on Microsoft Azure: Deploy and Manage

TARGET AUDIENCE

- Systems Integrators
- Systems Administrator
- Cloud Administrators
- Solutions Architects
- Solution Engineers
- Account Manager
- Sales Engineers
- Microsoft End-User Computing Specialists
- Consultants

DELIVERY METHOD

- Instructor-led, classroom-based
- 45% lecture, 55% hands on lab

COURSE DURATION

Five (5) days of instructor-led classroom training

PREREQUISITES

This course has no prerequisites.

AVAILABILITY

This course is being offered to all that require this kind of enablement.

TECHNICAL REQUIREMENTS

- Bring a full-size laptop.
- A secondary device is recommended for reading and lab materials, which are only delivered electronically.
- Please ensure you have the US keyboard mapping added to your devices.

Course Overview

This hands-on training provides you with the knowledge, skills, and abilities to achieve competence in deploying and managing Horizon® Cloud Service on Microsoft Azure. This training also teaches you how to use the Horizon Universal Console and Microsoft Azure portal.

Through a combination of hands-on labs and interactive lectures, you learn how to import and manage images for VDI and RDSH assignments. You also learn how to configure and use the Horizon® Universal Broker™ function, App Volumes, Omnissa Access, and Dynamic Environment Manager in the Horizon Cloud Service on Microsoft Azure deployment.

Course Objectives

- By the end of the course, you should be able to meet the following objectives:
- Describe the architecture of Horizon Cloud Service on Microsoft Azure
- Discuss the initial Microsoft Azure configurations required for the Horizon Cloud Service on Microsoft Azure deployment
- Discuss Horizon Cloud Service on Microsoft Azure networking concepts
- Discuss Horizon Cloud Service on Microsoft Azure Active Directory (AD) requirements and integration best practices
- Discuss the integration of Omnissa Access with Horizon Cloud Service on Microsoft Azure
- Discuss the requirement for deploying Horizon Cloud Service on Microsoft Azure
- Demonstrate how to deploy or upgrade Horizon Cloud Service on Microsoft Azure
- Identify the Horizon Cloud Service console controls that are available for administrators
- Identify Horizon Cloud upgrade features and benefits
- List the steps and considerations to take when setting up a primary VM to be used as an assignable image
- List the steps to install the user software on the primary VM
- Describe pools and pool groups
- Explain the creation process and configuration options for single and multisession pools and pool groups
- Create Single-Session and Multi-Session desktop assignments and entitlements
- Explain power management options in the single and multi-session pool groups
- Manage assignable images on Horizon Cloud Service on Microsoft Azure
- Describe how to use Horizon Image Management Service for Horizon Cloud Service on Microsoft Azure
- Identify how to access desktops and application from Horizon Cloud Service on Microsoft Azure
- Describe the integration of Dynamic Environment Manager with Horizon Cloud Service on Microsoft Azure
- Manage user personalization and application configurations using the

Dynamic Environment Manager management console and application profiler
- Discuss the usage of App Volumes for Horizon Cloud Service on Microsoft Azure
- Interpret scalability considerations for Horizon Cloud Service on Microsoft Azure
- Apply troubleshooting techniques relevant to Horizon Cloud Service and Microsoft Azure
- Summarize the analytics and monitoring capabilities in Horizon Cloud Service on Microsoft Azure

Course Modules

1   Course Introduction

Introduction and course logistics
Course objectives

2   Introduction to Horizon Cloud Service on Microsoft Azure

Discuss the features and benefits of Horizon Cloud Service on Microsoft Azure
Identify the available Horizon Cloud and Microsoft licensing options
Identify the system architecture components of Horizon Cloud Service on Microsoft Azure
Explain how Dynamic Environment Manager is used in Horizon Cloud profile management
Describe Horizon Cloud application management using App Volumes
Identify the Microsoft Azure configuration prerequisites for a Horizon Cloud integration
Identify the main Microsoft Azure components required for a Horizon Cloud deployment
Review the virtual machines supported in Horizon Cloud Service on Microsoft Azure

3   Microsoft Azure Networking Requirements

Discuss Horizon Cloud connectivity considerations and tasks
Explain the networking concepts for Horizon Cloud Service on Microsoft Azure
Identify the ports required for local connections, remote connections, and endpoint OS firewall rules

4   Identity Management

Explain computer identity type and user identity type
Discuss the best practices for Horizon Cloud Service on Microsoft Azure AD integrations
Determine the requirements for Horizon Cloud Service on Microsoft Azure AD
Describe the benefits of integrating Horizon Cloud with Omnissa Access
Explain how a user obtains access to an entitled virtual desktop or application from the Workspace ONE® Intelligent Hub catalog
Discuss the importance of binding directory with Workspace ONE Access and setting up custom user attribute synchronization
Discuss the importance of configuring the Remote App Access client in Omnissa Access
Demonstrate how to access an entitled Horizon virtual desktop or application in the Workspace ONE Intelligent Hub catalog

5   Deployment and Upgrades

Explain the steps and requirements for deploying Horizon Cloud Service on Microsoft Azure
Describe the features and benefits of Horizon Edge
Describe the differences between internal and external gateways
Outline the Horizon Universal Console controls available for administrators
Identify the features and benefits of the Horizon Cloud upgrades

6   Creating Images

Outline the process and configuration choices for setting up primary VMs
Identify the configuration choices for importing primary VMs
List the steps to install the user software on the primary VM
Explain how to convert a configured primary VM to an assignable image
Describe pools and pool groups
List the steps for configuring an image to a pool

List the steps for configuring an image to a pool group

7   Pool Groups

Compare dedicated assignments to floating assignments

Outline the steps for creating a VDI desktop assignment

Explain the entitlement of desktops

Outline the creation process and configuration options for multisession pools and pool groups

Explain the power management selections in the multisession pool groups

Compare the rolling maintenance and load-balancing options

Identify the actions related to the multisession groups page

Identify the actions to add and assign applications to a user or group

Outline the prerequisites for entitling a multisession assignment

List the steps for creating a multisession assignment

8   Accessing Desktops and Applications

Identify the different versions of Horizon Client

Describe how to access desktops and remote applications with Horizon Client

Describe how to access desktops and remote applications with a browser

Compare the remote display protocols that are available for Horizon Cloud

Describe the Blast Extreme display protocol codecs

List the ideal applications for each Blast Extreme codec

Describe the Blast Extreme policy configurations

9   Managing Images

Describe images

Explain how to manage images

10   Dynamic Environment Manager on Horizon Cloud Service on Microsoft Azure

Identify the functional areas of Dynamic Environment Manager and their benefits

Explain how to use the Dynamic Environment Manager console and application profiler to manage user personalization and application
    configurations

11   App Volumes for Horizon Cloud Service on Microsoft Azure

Explain how App Volumes works with Horizon Cloud Service on Microsoft Azure

Identify the features and benefits of App Volumes in Horizon Cloud Service on Microsoft Azure

Identify the interface elements of App Volumes in Horizon Cloud Service on Microsoft Azure

Demonstrate how to configure App Volumes in Horizon Cloud Service on Microsoft Azure

12   Scalability Considerations

Recognize the scalability settings for Horizon Cloud Service on Microsoft Azure

13   Troubleshooting Horizon Cloud Service on Microsoft Azure

Explain the troubleshooting basics for Horizon Cloud Service on Microsoft Azure

Identify the analytics and monitoring capabilities of Horizon Cloud Service on Microsoft Azure

Explain the troubleshooting basics for Horizon Cloud