

Omnissa Horizon® Cloud Service next-gen on Microsoft Azure: Deploy and Manage 2025

Duration: 5 Days **Course Code: OMHCSMADM** **Delivery Method: Virtual Classroom**

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This class is intended for the following participants:

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

Objectives:

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| <ul style="list-style-type: none">■ 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 | <ul style="list-style-type: none">■ 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■ 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 |
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- 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

- 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

Prerequisites:

Recommended good understanding of:

- A working knowledge of Horizon 8
- A background in End-User Computing
- Completed Horizon 8 Deploy and Manage course

Testing and Certification

None

Follow-on-Courses:

None

Content:

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 Omnisia 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 Omnisia Access
- Demonstrate how to access an entitled Horizon virtual desktop or application in the Workspace ONE Intelligent Hub catalog

5- Deployment and 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 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

8- Pool group

- 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

9- 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

10- Managing Images

- Describe images
- Explain how to manage images

11- 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

12- 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

13- Scalability Considerations

- Recognize the scalability settings for Horizon Cloud Service on Microsoft Azure

14- 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

- 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

Additional Information:

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.

Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

training@globalknowledge.com.sa

www.globalknowledge.com/en-sa/

Global Knowledge - KSA, 393 Al-Uroubah Road, Al Worood, Riyadh 3140, Saudi Arabia