

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

Deploy Horizon Cloud on Azure with confidence

This course teaches IT professionals how to deploy and configure Horizon® Cloud Service on Microsoft Azure, enabling secure access to virtual desktops and published applications.



Course duration

40 hours self-paced ondemand

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Course 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 of best practices
- Discuss the integration of Omniessa 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
- 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 applications 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

Target audience

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

Course delivery options

- On-demand, self-paced featuring our top instructors

Prerequisites

Recommended:

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

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.

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Course modules

1 Course introduction

- Introductions and course logistics
- Course objectives

2 Introduction to Horizon Cloud Service on Microsoft Azure

- Introduction to Horizon Cloud Service on Microsoft Azure
- Architecture of Horizon Cloud Service on Microsoft Azure
- Initial Configurations

3 Microsoft Azure networking requirements

- Horizon Cloud connectivity considerations and tasks
- Networking concepts for Horizon Cloud Service on Microsoft Azure
- The ports required for local connections, remote connections, and endpoint OS firewall rules

4 Identity management

- Computer Identity Type and User Identity Type
- Workspace ONE Access

5 Deployment and upgrades

- Horizon Cloud deployment
- Horizon Edge deployment
- Unified Access Gateway deployment types
- Horizon Universal Console

6 Creating images

- Creating Images
- Pools and Pool Groups

7 Pool Groups

- Single-Session Pool Groups
- Multi-session Pool Groups
- Managing multi-session Pool Groups

8 Accessing desktops and applications

- Horizon Client
- Remote Display Protocol

9 Managing images

- Describe images
- How to manage images

10 Dynamic Environment Manager on Horizon Cloud Service on Microsoft Azure

- Functional areas of Dynamic Environment Manager and their benefits
- Using the Dynamic Environment Manager console and application profiler to manage user personalization and application configurations

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Course modules (cont.)

11 App Volumes for Horizon Cloud Service on Microsoft Azure

- How App Volumes works with Horizon Cloud Service on Microsoft Azure
- Features and benefits of App Volumes in Horizon Cloud Service on Microsoft Azure
- Interface elements of App Volumes in Horizon Cloud Service on Microsoft Azure
- How to configure App Volumes in Horizon Cloud Service on Microsoft Azure

12 Scalability Considerations

- Scalability settings for Horizon Cloud Service on Microsoft Azure

13 Troubleshooting Horizon Cloud Service on Microsoft Azure

- Troubleshooting Microsoft Azure
- Monitoring and Analytics in Horizon Cloud
- Troubleshooting Horizon Cloud



**Horizon®
Cloud**

If you have questions or need help registering for this course, email learning_support@omnissa.com.