Omnissa Horizon® 8: Install, configure, and manage

Duration: 5 Days **Course Code: OMHICM** **Version: 8.8**

Overview:

Master Omnissa Horizon 8 - from design and deployment to secure, enterprise-scale delivery
Delivered by an Omnissa Certified Instructor, the Horizon 8: Install, Configure, and Manage course teaches IT professionals to effectively install and configure the components of Horizon 8.

Learners will also gain practical skills to solve a broad range of business challenges through a combination of hands-on labs, simulations, and interactive lectures

Updated June 2026

Target Audience:

This course targets intermediate to advanced practitioners that design, install, manage, optimize, and troubleshoot enterprise desktops and applications in their environment.

Objectives:

- **In this course participants will learn:**
- Understand the course scope, structure, and role-based outcomes for Horizon 8 installation, configuration, and management.
- Explain Horizon 8 architecture, components, and connection workflows used to deliver virtual desktops and applications.
- Install and configure Horizon Connection Servers to authenticate users and broker desktops and applications.
- Create and manage Horizon desktop pools to deliver consistent and scalable virtual desktops.
- Install and configure Horizon Client to provide secure end-user access to desktops and applications.
- Install and configure the Horizon Agent on Windows systems to enable desktop and application delivery features.
- Build and optimize Windows gold images for standardized Horizon desktop deployment.
- Configure RDS server farms and published applications to deliver shared desktops and apps.
- Prepare and deploy Linux virtual desktops using Horizon 8.
- Deploy and configure Unified Access Gateway to enable secure external access to Horizon resources.
- Monitor Horizon environments and support users using built-in helpdesk and troubleshooting tools.
- Configure content and device redirection to balance security and user experience.
- Design and scale Horizon pods to support growth and performance requirements.
- Implement multi-pod and multi-site Horizon architectures for global availability and resiliency.
- Plan and perform Horizon backups, recovery, and upgrades to maintain operational stability.
- Integrate additional Horizon authentication options to strengthen access security.

Prerequisites:

Recommended:

- Understand fundamental Networking / Storage and Infrastructure concepts
- A working knowledge of Horizon 8
- A background in End-User Computing

Testing and Certification

None

Follow-on-Courses:

None

Content:

1 Course introduction

- Introductions and course logistics
- Course objectives

2 Horizon 8 overview and architecture

- Introduction to Horizon 8
- Horizon 8 components and architecture
- How an internal connection works
- How an external connection works

3 Horizon Connection Server

- Planning and prerequisites
- Connection Server overview and installation
- Initial configuration of the Connection Server
- Register resource capacity
- Additional recommended configuration

4 Horizon desktop pools

- About desktop pools
- Provisioning desktop pools
- Customizing clones
- Creating desktop pools
- User entitlements
- Updating desktop pools

5 Horizon Client

- Horizon clients and their features
- Installing the Horizon Client
- Configuring the Horizon Client
- Upgrading the Horizon Client

6 Horizon Agent for Windows

- Features of the Horizon Agent for Windows
- Installing and Configuring the Horizon Agent for Windows
- Applying policies to the Horizon Agent
- Horizon Integrated Printing
- Upgrading the Horizon Agent

7 Building a golden image for Horizon

- Outlining the role of a golden image in VDI
- Implementing optimizations in a Windows image
- Building a Windows golden image

8 Horizon 8 server farms and published apps

- Explain Horizon 8 farms
- Provision server farms
- Walkthrough of farm wizard
- Deploy and configure Horizon published applications
- Deploy and configure published apps on demand

9 Linux on Horizon 8

- Explain and summarize the features of the Horizon Agent for Linux
- Install and configure the Horizon Agent for Linux
- Apply policies to the Horizon Agent for Linux
- Configure printing for Linux
- Perform upgrades of Horizon Agent for Linux
- Build a Linux golden image

10 Unified Access Gateway for Horizon deployments

- What is Unified Access Gateway?
- Deploying Unified Access Gateway
- Configure two-factor authentication

11 Monitor Horizon 8 and use the Helpdesk

- Monitor the infrastructure with the Horizon 8 console
- Manage and troubleshoot user sessions
- Collect Horizon log files

12 Content and device redirection with Horizon 8

- Redirection functions and benefits
- Device redirection
- Client drive redirection
- Web content redirection

13 Horizon 8 pod scaling, redundancy, and load balancing

- Recognize the design principles and best practices for scaling a Horizon 8 pod
- Implement multiple Connection Servers for scale and resilience
- Implement multiple Unified Access Gateways for scale and resilience

14 Multiple Horizon 8 pods and multiple sites

- Configure Cloud Pod Architecture

15 Backup, recovery, and upgrading Horizon 8

- Implement backup and recovery for Connection Servers
- Perform an upgrade of a Horizon 8 pod
- Perform an upgrade of Unified Access Gateways

16 Additional authentication options with Horizon 8

- User authentication options on Connection Servers
- Configuring integration with Omnissa Access
- True SSO

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 Head Office 01189 123456 / Northern Office 0113 242 5931

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