

Omnissa Horizon Deploy and Manage 2025

AT-A-GLANCE

A course delivered by Technical Specialists with a view to understanding how we solve a broad range of business challenges using Omnissa Horizon 8

TARGET AUDIENCE

- Administrators
- Systems Engineers
- Consulting Architects
- Citrix Specialists
- Microsoft End-User Computing Specialists

DELIVERY METHOD

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

COURSE DURATION

Five (5) days of instructor-led classroom training

PREREQUISITES

Recommended:

- Understand fundamental Networking / Storage and Infrastructure concepts
- Understand TCP/IP
- Recommended but not mandatory to know vSphere as a platform
- Microsoft Active Directory

AVAILABILITY

- This course is being offered in an on-demand and Instructor Led format

MAPPED CERTIFICATION

- Omnissa Certified Professional Desktop (OCPD)

Course Overview

The primary objective of this session is to articulate why and how we use the various elements in Omnissa Horizon 8 Virtual desktops and Published applications across multiple platforms, in On-Premises Hybrid or Cloud Only scenarios

Overall Course Objectives

By the end of this session, attendees should be able to:

- Understand the role and function of all Horizon Components
- Understand both Cloud and On-premises deployment Architecture options
- Deploy and configure a Horizon Pod
 - Deploying and configuring a Standard and Replica server
 - Adding a Capacity Provider
 - Licensing Options
 - Event Database configuration
- Deploying and Configuring the Unified Access Gateway in a clustered infrastructure
- Overview of Horizon Recording Services
- Understanding Horizon Brokering requirements for on-premises and multi-site architectures
 - Global and local server load-balancing concepts
- Configure Horizon Cloud Pod Architecture to solve high availability and scalability requirements.
- Authentication Options with Omnissa Horizon
- Configure a secure Single Sign-On solution using Omnissa Access
 - Federation overview of Access with Horizon
 - Federation overview of Access with Unified Access Gateway
 - Deploying and Configuring Horizon TrueSSO
 - Deploying and Configuring Enrollment Services
- Omnissa Horizon Graphics Configuration and Deployment overview
- Omnissa Horizon session Protocols Overview
 - Overview of Horizon Blast
 - Overview of PCoIP & PCoIP Ultra
 - Overview of RDP (Remote Desktop Protocol)
- Horizon Administration Options
 - Image Management best practices for Full Clone and Instant Clone Desktop Pools
 - SysPrep and Clone Prep requirements
 - Deploying , Configuration and Maintenance options for Persistent and Non-persistent Desktop Pools
 - Deploying Configuration and Maintenance Options RDS Server farm
 - Horizon Linux Desktop Pool Image Management and Desktop Pool Deployment
 - Monitoring Options in the Horizon Admin Console
 - Administrative options using the LDS Database
 - App Volumes integration with Horizon
 - Horizon Agent and Client Options

Course Modules

Module Outcomes

1. Omnissa Reference Architecture Overview	At the end of this module you will learn Omnissa best practices with the regard to Designing Horizon
2. Horizon 8 Architecture Overview	At the end of this module you should have a clear understanding of the primary components that make up Horizon 8. Understand the Architectural Options available and deployment terminology, when deploying Horizon 8 for both on-premises , Hybrid and Cloud deployments
3. Horizon Connect Server Overview	The primary requirements and install options when deploying the Horizon Connection Server
4. Securing the Horizon Transport	Once Connection Server/s are deployed, knowing when to enable a session Tunnel and not to enable Tunnelling for Horizon sessions
5. Workspace ONE Integration with Horizon	Understand what Omnissa Intelligence, Hub Services, Workspace ONE UEM are and the role they might play with Horizon in solving business challenges
6. Unified Access Gateway Overview	Understand how we deploy and configure the Unified Access Gateway.
7. Horizon Brokering	Understand the Horizon Transport and how this will translate when communicating local and global server load balancing requirements for Horizon 8
8. Horizon Desktop Pool Administration	Now that you understand the Horizon Architecture, deploying and configuring a Desktop Pool options will be clearer. We will cover the entire process starting with Image creation best practices , deployment of Pools to Maintenance operations. Our main focus is the creation and deployment of Windows Desktops
9. Horizon Linux Desktop Deployment	In this module we will provide and overview of the traditional and Easy Setup to Image creation and Desktop Pool deployments
10. Horizon Authentication and Single-Sign On requirements	At the end of this module you will understand what authentication options Horizon supports directly and how Horizon infrastructure will integrate with Identity Providers both 3 rd Party and Omnissa Access. The role that Enrollment services plays to ensure single sign-on
11. Cloud Pod Architecture	At the end of this module you will understand what challenges Cloud Pod Architecture solves and the elements involved in enabling and configuring
12. Horizon RDS Published Applications	How we deploy and configure a RDS Server Farm and what the options are for Application Pools. This also App Volumes integrations
13. Horizon Agent and Client Options	An overview of the most important security and performance related settings which are available directly through the agent and client but can also be configured through the Admin Console and Group Policy settings
14. Horizon Protocols	At the end of this module you will understand what Codecs Horizon Blast supports. You will also have a clearing understanding of the our options related to PCoIP and the RDP protocol
15. Horizon Graphics	At the end of this module you will have a clearer understanding related to what the options are related to 3D rendering and Hardware acceleration
16. Horizon Administrative Tasks	At the end of this module you will have an understanding primary elements that make up the Horizon Admin Console to support , configure troubleshoot both Users Horizon Desktop and Published Application sessions. You will have an overview of Horizon Performance tracker and learn some of the Real Time monitoring options available. You will also walk through the process of Delegating privilege to administrators in an enterprise.