



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Horizon Deploy and Manage

CODE:	LÄNGE:	PREIS:
OMN_HDM88	40 Hours (5 Tage)	€3,750.00

Description

This five-day course gives you the hands-on skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. You build on your skills in configuring and managing Horizon® 8 through a combination of lecture and hands-on labs. You learn how to configure and deploy pools of virtual machines and how to provide a customized desktop environment to end-users. Additionally, you learn how to install and configure a virtual desktop infrastructure platform. You learn how to install and configure Horizon® Connection Server™ Unified Access Gateway™ how to configure a load balancer for use with Horizon, and how to establish Cloud Pod Architecture.

Lernziel

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

- Recognize the features and benefits of Horizon
- Use vSphere to create VMs to be used as desktops for Horizon
- Create and optimize Windows VMs to create Horizon desktops
- Install and Configure Horizon Agent on a Horizon desktop
- Configure, manage, and entitle desktop pools of full VMs
- Configure and manage the Horizon Client systems and connect the client to a Horizon desktop
- Configure, manage, and entitle pools of instant-clone desktops
- Create and use Remote Desktop Services (RDS) desktops and application pools
- Monitor the Horizon environment using the Horizon Console Dashboard and Horizon Help Desk Tool
- Identify Horizon Connection Server installation, architecture, and requirements
- Describe the authentication and certificate options for the Horizon environment
- Recognize the integration process and benefits of Omnissa® Access™ and Horizon 8
- Compare the remote display protocols that are available in Horizon
- Describe the 3D rendering options available in Horizon 8
- Discuss scalability options available in Horizon 8
- Describe different security options for the Horizon environment.

Zielgruppe

Tier 1 Operators, administrators, and architects, responsible for the creation, maintenance, and or delivery of remote and virtual desktop services

Additional duties can include the implementation, support, and administration of an organization's end-user computing infrastructure.

Voraussetzungen

Before attending this course, you must have the following skills:

- Use vSphere Web Client
- Create snapshots of virtual machines
- Configure guest customization specifications
- Modify virtual machine properties
- Convert a virtual machine to a template
- Microsoft Windows system administration experience:
- Configure Active Directory services, including DNS, DHCP, and time synchronization
- Restrict user activities by implementing Group Policy Objects
- Configure Windows systems to enable Remote Desktop Connections

Inhalt

- 1 Course Introduction
 - Introductions and course logistics
 - Course objectives
- 2 Introduction to Horizon
 - Recognize the features and benefits of Horizon
 - Describe the conceptual and logical architecture of Horizon
- 3 vSphere for Horizon
 - Explain basic virtualization concepts
 - Use vSphere Client™ to access your vCenter Server system and ESXi hosts
 - Create, provision, and remove a virtual machine
- 4 Create Windows Desktops
 - Outline the steps to install Horizon Agent on Windows virtual machines
 - Install Horizon Agent on a Windows virtual Machine
 - Optimize and prepare Windows virtual machines to set up Horizon desktop VMs
- 5 Create Linux Desktops
 - Create a Linux VM for Horizon
 - Install Horizon Agent on a Linux virtual machine
 - Optimize and prepare Linux virtual machines to set up Horizon desktop VMs
- 6 Creating and Managing Desktop Pools
 - Identify the steps to set up a template for desktop pool deployment
 - List the steps to add desktops to the Horizon® Connection Server™ inventory
 - Compare dedicated-assignment and floating-assignment pools
 - Outline the steps to create an automated pool
 - Define user entitlement
 - Explain the hierarchy of global, pool-level, and user-level policies
- 7 Horizon Client Options
 - Describe the different clients and their benefits
 - Access Horizon desktop using various Horizon clients and HTML
 - Configure integrated printing, USB redirection, and the shared folders option
 - Configure session collaboration and media optimization for Microsoft Teams
- 8 Creating and Managing Instant-Clone Desktops
 - List the advantages of instant clones
 - Explain the provisioning technology used for instant clone desktop pools
 - Set up an automated pool of instant clones
 - Push updated images to instant clone desktop pools
- 9 Creating RDS Desktop and Application Pools
 - Explain the difference between an RDS desktop pool and an automated pool
 - Compare and contrast an RDS session host pool, a farm, and an application pool
 - Create an RDS desktop pool and an application pool
 - Access RDS desktops and application from Horizon Client
 - Use the instant clone technology to automate the buildout of RDSH farms
 - Configure load-balancing for RDSHs on a farm
- 10 Monitoring Horizon
 - Monitor the status of the Horizon components using the Horizon Administrator console dashboard
 - Monitor desktop sessions using the HelpDesk tool
 - Monitor the performance of the remote desktop using the Horizon Performance Tracker
- 11 Horizon Connection Server
 - Recognize Horizon reference architecture
 - Identify the Horizon Connection Server supported features
 - Identify the recommended system requirements for Horizon Connection Server
 - Configure Horizon event database
 - Outline the steps for the initial configuration of Horizon Connection Server
 - Discuss the AD LDS database as a critical component of Horizon Connection Server installation
- 12 Horizon Protocols
 - Compare the remote display protocols that are available in Horizon

- Describe BLAST
- Summarize BLAST Codec options
- List ideal applications for each BLAST codec
- Describe BLAST and PCoIP ADMX GPO common configurations

13 Graphics in Horizon

- Describe the 3D rendering options available in Horizon 8
- Compare vSGA and vDGA
- List the steps to configure graphics cards for use in a Horizon environment

14 Securing Connections: Network

- Compare tunnels and direct connections for client access to desktops
- Discuss the benefits of using Unified Access Gateway
- List the Unified Access Gateway firewall rules
- Configure TLS certificates in Horizons

15 Securing Connections: Authentication

- Compare the authentication options that Horizon Connection Server supports
- Restrict access to the Horizon remote desktops using restricted entitlements
- Describe the smart card authentication methods that Horizon Connection Server supports
- Explain the purpose of permissions, roles, and privileges in Horizon
- Create custom roles

16 Horizon Scalability

- Describe the purpose of a replica connection server
- Explain how multiple Horizon Connection Server instances in a pod maintain synchronization
- List the steps to configure graphics cards for use in a Horizon environment
- Configure a load balancer for use in a Horizon environment
- Explain Horizon Cloud Pod Architecture LDAP replication and VIPA
- Explain Horizon Cloud Pod Architecture scalability options

17 Horizon Cloud and Universal Broker

- Recognize the features and benefits of Horizon Cloud Service
- Use Universal broker to connect to a Horizon Cloud instance
- Configure and pair the Horizon Cloud Connector appliance with Horizon Connection Server

18 Omnisia Access and Virtual Application Management

- Recognize the features and benefits of Workspace ONE Access
- Recognize the Workspace ONE Access console features
- Explain identity management in Workspace ONE Access
- Explain access management in Workspace ONE Access
- Describe the Workspace ONE Access directory integration
- Deploy virtual applications with Workspace services

Test und Zertifizierung

Omnissa Certified Professional Desktop (OCPD)

Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
02 Mar 2026	Wien	CET	German	Classroom		€3,750.00
02 Mar 2026	Wien	CET	German	Instructor Led Online		€3,750.00
22 Jun 2026	Wien	CEDT	German	Classroom		€3,750.00
22 Jun 2026	Wien	CEDT	German	Instructor Led Online		€3,750.00
12 Oct 2026	Wien	CEDT	German	Classroom		€3,750.00
12 Oct 2026	Wien	CEDT	German	Instructor Led Online		€3,750.00
14 Dec 2026	Wien	CET	German	Classroom		€3,750.00
14 Dec 2026	Wien	CET	German	Instructor Led Online		€3,750.00

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.