Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Horizon Install, Configure, 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 Omnissa 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
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.