

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Horizon Deploy and Manage

CODE: LÄNGE: PREIS:

OMN HDM88 40 Hours (5 Tage) €3,300.00

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	Туре	Durchführungsgarantie	PREIS
17 Nov 2025	Wien	CET	German	Classroom		€3,300.00
17 Nov 2025	Wien	CET	German	Instructor Led Online		€3,300.00

Zusätzliche Information

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