Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Omnissa Horizon Fast Track 2025

Kód:	DÉLKA:	CENA:
OMN_HDMAVFT88	40 Hours (5 DENNÍ)	Kč bez DPH 59,000.00

Description

This session explains how and why we use Horizon 8 Virtual Desktops and Published Applications across platforms in On-Prem, Hybrid, and Cloud environments.

Cíle

y 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 o Deplaying and configuring a Standard and Replica server
o Adding a Capacity Provider
o Licensing Options o 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 o 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 o Federation overview of Access with Horizon o Federation overview of Access with Unified Access Gateway o Deploying and Configuring Horizon TrueSSO o Deploying and Configuring Enrollment Services
• Omnissa Horizon Graphics Configuration and Deployment overview
• Omnissa Horizon session Protocols Overview o Overview of Horizon Blast o Overview of PCoIP & PCoIP Ultra o Overview of RDP (Remote Desktop Protocol)
• Horizon Administration Options o Image Management best practices for Full Clone and Instant Clone Desktop Pools o SysPrep and Clone Prep requirements
o Deploying , Configuration and Maintenance options for Persistant and Non-persistant Desktop Pools
o Deploying Configuration and Maintenance Options RDS Server farm
o Horizon Linux Desktop Pool Image Management and Desktop Pool Deployment
o Monitoring Options in the Horizon Admin Console
o Administrative options using the LDS Database
o App Volumes integration with Horizon o Horizon Agent and Client Options
Using App Volumes and Dynamic Environment Manager attendees should be able to:
• Understand the role and function of all App Volumes Components.
• Understand App Volumes Architecture and Components.
• Understanding the Provisioning Process of building a Package.
• Understanding the benefits , configuration requirements and options related to Classic Delivery of applications.
• Understanding the benefits , configuration requirements and options related to On-Demand Delivery of applications.
• Learning how to setup App Volumes Storage Groups for Multi-site scenarios
• Understanding best Practices related to the setup, configuration and use of Writable Volumes.
• Using App Volumes tools command line options and Delivery of applications.
• Understanding Dynamic Enviromment Manager Architecture and Components
• An overview of Group Policy based configuration • An overview of NOAD mode configuration
• An understanding of how Dynamic Environment Manager sync and replication works
• An understanding of the Conditional element of Dynamic Environment Manager
• Dynamic Environment Manager Advanced configurations for example, Smart Policies and Triggered Tasks
• Dynamic Environment Manager Optional components:
o Self Support Tool
o Help Desk Support Tool
o Application Profiler
o Dynamic Environment Manager Sync Tool

• An Overview of ThinAPP

Určeno pro

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.

Vstupní znalosti

• Already experienced Administrators
• Understand fundamental Networking / Storage and Infrastructure concepts
• Understand TCP/IP
• A good understanding for Microsoft Active Directory

Program

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 build-out 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 Workspace ONE 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

19 Overview of App Volumes

• Explain features and benefits of App Volumes
• Identify benefits of ThinApp®
• Identify App Volumes components and architecture
• Manage application management stages using App Volumes.

20 Working with Application Packages

• Differentiate between Application, Package and Program
• Create an Application Package
• Assign an Application to an entity
• Use markers to assign the new version of an Application Package
• Differentiate between Classic and On-Demand delivery of applications
• Update an Application with a new Package

21 Published Applications

• Identify the benefits of delivering Published Applications On-Demand
• List the steps and prerequisites for creating Published Applications on Demand
• Integrate Horizon Connection Server and App Volumes Manager
• Associate App Volumes Manager with an automated farm
• Add Application Pools from App Volumes Manager

22 Advanced App Volumes Configuration

• Perform advanced configuration of App Volumes
• Scale App Volumes to multiple locations and sites
• Run the App Volumes Application Capture Command-Line Program using appcapture.exe

23 Overview of Dynamic Environment Manager

• Explain features and benefits of Dynamic Environment Manager
• Identify the components of Dynamic Environment Manager architecture
• Differentiate between user profile scenarios

24 Management Console User Interface

• Configure Personalization settings
• Create Condition sets
• Perform Application migration
• Configure User environment settings

25 Advanced Dynamic Environment Manager Configuration

• Scale Dynamic Environment Manager to multiple locations and sites
• Use Silos
• Run the App Volumes Application Capture Command-Line Program using appcapture.exe

26 Application Configuration Management

• Predefined and user-customized application settings
• Using Application Profiler
• Privilege Elevation

27 SyncTool

• Identify the features of SyncTool
• Implement SyncTool

28 Horizon Smart Policies

• Identify the scope of Horizon Smart Policies
• Configure Horizon Smart Policies settings Define Smart Policies Conditions

Zkoušky a certifikace

Omnissa Certified Professional Desktop (OCPD)

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.