Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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VMware Horizon 8: Virtual Desktop Bootcamp

Kód:	DÉLKA:	CENA:
VMW_HVDB8	40 Hours (5 DENNÍ)	Kč bez DPH 50,000.00

Description

Školení je možné absolvovat i online formou "VCL" virtuální školení, více informací ZDE.

VMware Horizon 8: Deploy and Manage je pětidenní kombinovaný kurz VMware Horizon 8: Skills for Virtual Desktop Management a VMware Horizon 8: Virtual Desktop Troubleshootingn. Tato kombinace školení vám dá praktické dovednosti k dodání virtuálních desktopů a aplikací prostřednictvím jedné platformy.

Své dovednosti v konfiguraci a správě VMware Horizon® 8 budete budovat díky kombinaci přednášek a praktických cvičení. Naučíte se, jak konfigurovat a nasazovat skupiny virtuálních desktopů a jak zajišťovat koncovým uživatelům přizpůsobené pracovní prostředí. Dále se naučíte řešit běžné problémy, ke kterým dochází v prostředí VMware Horizon.

Zapojíte se do řady cvičení na labech, abyste si vyzkoušeli řešit problémy stávajícího prostředí. Cvičení odrážejí případy řešení problémů z reálného světa. Tato cvičení vás vybaví znalostmi a praktickými dovednostmi ke zvládnutí typických výzev, kterým čelí správci a operátoři virtuálních desktopů.

Cíle

By the end of the course, you should be able to meet the following objectives:
- Recognize the features and benefits of Horizon
- Use VMware 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 Horizon desktop
- Configure and manage the VMware Horizon® Client™ systems and connect the client to a VMware Horizon desktop
- Configure, manage, and entitle desktop pools of full VMs
- 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 Horizon Console Dashboard and Horizon Help Desk Tool
- Implement a structured approach to troubleshooting
- Resolve common issues that occur in a Horizon environment
- Troubleshoot issues with linked and instant clones
- Configure the Windows client
- Identify the correct log level for gathering logs
- Optimize protocols for the best end-user experience

Certifications
VMware Horizon 8: Skills for Virtual Desktop Management is the first half of a two-course requirement for the following certification:
- VMware Certified Professional – Desktop and Mobility 2020 (VCP-DTM 2020)

VMware Horizon 8: Virtual Desktop Troubleshooting does not satisfy a course requirement for the VCP-DTM exam.

Určeno pro

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

Vstupní znalosti

Customers attending this course should have, at a minimum, the following VMware infrastructure skills:
- Use VMware vSphere® Web Client to view the state of virtual machines, datastores, and networks
- Open a virtual machine console on VMware vCenter Server® and access the guest operating system

Attendees should also have the following 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
- Build an ODBC connection to an SQL Server database

Program

1 Course Introduction
- Introductions and course logistics
- Course objectives

2 Introduction to VMware Horizon
- Recognize the features and benefits of VMware Horizon
- Describe the conceptual and logical architecture of VMware Horizon

3 Introduction to Use Case
- Define a use case for your virtual desktop and application infrastructure
- Convert customer requirements to use-case attributes

4 vSphere for Horizon 8
- Explain basic virtualization concepts
- Use VMware vSphere® Client™ to access your vCenter Server system and VMware ESXi™ hosts
- Create, provision, and remove a virtual machine

5 VMware Horizon Desktops
- Create a Windows and a Linux virtual machine using vSphere
- Optimize and prepare Windows and Linux virtual machines to set up VMware Horizon desktop VMs

6 VMware Horizon Agents
- Outline the configuration choices when installing Horizon Agent on Windows and Linux virtual machines
- Create a gold master for Windows Horizon desktops

7 VMware Horizon Pools
- Identify the steps to set up a template for desktop pool deployment
- List the steps to add desktops to the VMware 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

8 VMware 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

9 Creating and Managing Instant-Clone Desktop Pools
- 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

10 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

11 Monitoring VMware Horizon
- Monitor the status of the VMware Horizon components using the Horizon Administrator console dashboard
- Monitor desktop sessions using the HelpDesk tool

12 Overview of Virtual Desktop Troubleshooting
- Structured approach to troubleshooting configuration and operational problems
- Applying troubleshooting methods
- Documenting the steps to resolve the problem

13 Command-Line Tools and Backup Options
- Command-line tools
- Backing-up and restoring VMware Horizon databases

14 Troubleshooting VMware Horizon Linked Clone Desktops
- VMware Horizon linked clone desktops
- View Agent Direct-Connection
- Optimizing a VMware Horizon desktop

15 Troubleshooting Instant Clones
- Logs for instant clones
- Keyword strategies
- Troubleshoot instant clones

16 Windows Client
- Configure the Windows client
- Enable the required SSL configuration

17 Ports and Protocols
- Key ports and protocols
- Optimize Blast
- Black Screen
- Applying GPO’s

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

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