Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

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VMware Horizon 7: Install, Configure, Manage [V7.10]

CÓDIGO: **DURACIÓN:**   **Precio:**

VMW_H7CM710   40 Hours (5 días)   €1,880.00

Description

This five-day, hands-on course gives you the skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. This course builds your skills in installing, configuring, and managing VMware Horizon® 7 through a combination of lecture and hands-on labs. You learn how to configure and deploy pools of virtual machines, how to manage the access and security of the machines, and how to provide a customized desktop environment to end users.

Product Alignment
• VMware Horizon 7.10
• VMware User Environment Manager™ 9.10
• App Volumes™ Manager 4.0

Objetivos

By the end of the course, you should be able to meet the following objectives:
• Recognize the features and benefits of VMware Horizon
• Install and configure VMware Horizon® Connection Server™
• Create and optimize Windows VMs to create VMware Horizon desktops
• Describe the purpose of Horizon Agent
• Compare the remote display protocols that are available in VMware Horizon
• Configure and manage the VMware Horizon® Client™ systems and connect the client to a VMware Horizon desktop
• Configure, manage, and entitle automated pools of full VMs
• Configure, manage, and entitle pools of instant-clone desktops and linked-clone desktops
• Install and configure View Composer
• Outline the steps and benefits for using TLS CA signed certificates in VMware Horizon environments
• Use the role-based delegation to administer a VMware Horizon environment
• Configure secure access to VMware Horizon desktops
• Understand and create Remote Desktop Services (RDS) desktops and application pools
• Install and configure App Volumes to deliver and manage applications
• Deploy VMware Dynamic Environment Manager™ for user and application management
• Install and configure a Just-in-Time Management Platform (JMP) server for managing JMP components
• Describe VMware Dynamic Environment Manager Smart Policies
• Use the command-line tools available in VMware Horizon to back up and restore the required VMware Horizon databases
• Manage the performance and scalability of a VMware Horizon deployment
• Identify the benefits of the Cloud Pod Architecture feature for large-scale VMware Horizon deployments

Público

Technical personnel who work in the IT departments of end-customer companies and people who are responsible for the delivery of remote or virtual desktop services.

Requisitos Previos

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
• Create snapshots of virtual machines
• Configure guest customization specifications
• Modify virtual machine properties
• Convert a virtual machine into a template
• Deploy a virtual machine from a template

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

Programa

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
• Define a use case for your virtual desktop and application infrastructure
• Convert customer requirements to use case attributes

3 Horizon Connection Server
• Recognize VMware Horizon reference architecture
• Identify the recommended system requirements for Horizon Connection Server
• Identify the recommended virtualization requirements for a Horizon® Connection ServerTM instance

4 VMware Horizon Desktops
• Outline the process and choices to set up Windows VMware Horizon VMs
• Assign vCPUs and RAM to Windows VMs
• Create Windows VMs
• Configure VMware ESXiTM host virtual switches
• Optimize the performance of Windows VMs

5 VMware Horizon 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
• Define user entitlement

6 VMware Horizon Client Options
• Describe the requirements for a Horizon Client installation on a Windows system
• Explain USB redirection and options
• Describe the shared folders option
• Describe the different clients and their benefits

7 Creating Automated Desktop Pools
• Describe how an automated pool operates
• Compare dedicated-assignment and floating-assignment pools
• Outline the steps to create an automated pool

8 Configuring and Managing Linked-Clone Desktop Pools
• Describe VMware linked-clone technology
• Explain why both a parent VM and a snapshot must be used to create linked clones
• Outline the system requirements for View Composer

9 Creating and Managing Instant-Clone Desktop Pools
• Describe instant clones
• List the advantages of instant clones
• Differentiate between View Composer linked clones and instant clones

10 VMware Horizon Authentication and Certificates
• Compare the authentication options that Horizon Connection Server supports

11 Managing VMware Horizon Security
• Compare tunnels and direct connections for client access to desktops
• Identify the benefits of using VMware Unified Access Gateway™ in the DMZ
• Identify the tunnel endpoints when the security gateway is not used
• Describe a direct connection in a VMware Horizon environment
• List the advantages of direct connections
• Describe how direct connections are enabled

12 Profile Management Using Dynamic Environment Manager
• Identify the VMware Dynamic Environment Manager functional areas and their benefits
• Prepare infrastructure for VMware Dynamic Environment Manager
• Outline the steps that are required to install and configure VMware Dynamic Environment Manager components
• Manage user personalization and application configurations using the VMware Dynamic Environment Manager management console and application profiler

13 Creating RDS Desktop and Application Pools
• Explain the difference between an RDS Desktop pool and an automated pool
• Access a single application by using the RDS Application pool
• Compare and contrast an RD Session Host pool, a farm, and an application pool
• Create an RDS Desktop pool and an application pool

14 Provisioning and Managing Application Using App Volumes
• Explain how App Volumes works
• Identify the features and benefits of App Volumes
• Identify the interface elements of App Volumes
• Install and configure App Volumes

15 Just-in-Time Management Platform and VMware Horizon
• Identify the benefits of Just-in-Time Management Platform (JMP)
• List the JMP and Horizon 7 components
• Install and configure a JMP server
• Identify App Volumes deployment considerations
• Identify VMware Dynamic Environment Manager deployment considerations

16 Command-Line Tools and Backup Options
• Describe key Horizon Connection Server features that are available as command-line options with the vdmadmin command
• Explain the purpose of kiosk mode for client systems and how it is configured
• Explain why you limit the domains that Horizon Connection Server displays to users as they attempt to authenticate
• Identify the log locations for each VMware Horizon component
• Collect Horizon Client and Horizon Agent log files

17 VMware Horizon Performance and Scalability
• Describe the purpose of a replica connection server
• Compare a replica server to a standard connection server
• Explain how multiple Horizon Connection Server instances in a pod maintain synchronization
• List several best practices for multiserver deployment in a pod
• Describe how a load-balancing capability might improve VMware Horizon performance

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.