VMware Horizon 7: Install, Configure, Manage plus App Volumes Fast Track [V7]

Duración: 5 Días   Código del Curso: VMHICMAVFT   Version: 7

Temario:

This intensive five-day, extended-hours 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 will learn how to configure and deploy pools of virtual machines and how to manage access and security of the machines. You will also gain skills in application management using VMware App Volumes™ and VMware User Environment Manager™. You will learn how to use App Volumes to deliver applications and data to desktops and users in seconds and at scale, managing application lifecycles from installation to update and replacement. You will also learn how to use User Environment Manager to provide personalization and dynamic policy configuration across virtual, physical, and cloud-based environments to simplify end-user profile management.

Product Alignment
• VMware Horizon 7
• App Volumes 2.10
• User Environment Manager 8.7
• vSphere 6
• ESXi 6
• vCenter 6
• Virtual SAN 6.2

Dirigido a:

Experienced system administrators and system integrators responsible for implementing desktop solutions

Objetivos:

- By the end of the course, you should be able to meet the following objectives:

- • Identify VMware Horizon components

- • Install and configure View Connection Server

- • Install and configure virtual desktops

- • Configure and manage VMware Horizon® Client™ systems

- • Configure and manage pools of physical and virtual machines

- • Configure and manage automated pools of full virtual machines

- • Configure and manage pools of linked-clone desktops

- • Configure and manage automated pools of instant clones

- • Configure and manage Remote Desktop Services (RDS) pools of desktops and applications

- • Use Horizon Administrator to configure the VMware Horizon environment

- • Configure secure access to virtual desktops

- • Manage the performance and scalability of a VMware Horizon deployment

- • Describe the features and functions of App Volumes and User Environment Manager

- • Demonstrate the architectures of App Volumes and User Environment Manager

- • Install and configure App Volumes

- • Create and deploy AppStacks and writable volumes

- • Install and configure User Environment Manager

- • Manage application configurations, user environment settings, and personalization settings

Prerequisitos:

This course requires completion of the VMware vSphere: Install, Configure, Manage course or have the following skills and knowledge:

• Use VMware vSphere® Web Client to view the state of virtual

Exámenes y certificación

This course prepares you for the following certification:

• VMware Certified Professional 7 – Desktop and Mobility (VCP7-DTM)

machines, datastores, and networks

• Open a virtual machine console on VMware vCenter Server®
and access the guest operating system

• Modify virtual machine properties

• Convert a virtual machine into a template

• Configure Active Directory services, including DNS, DHCP, and
time synchronization

• System administration experience on Microsoft Windows or
Linux operating systems

Contenido:

Course Introduction

- Introductions and course logistics
- Course objectives
- Identify additional resources

Introduction to VMware Horizon

- Recognize the features and benefits of VMware Horizon
- Identify the major function of each VMware Horizon component
- Define a use case for your virtual desktop and application infrastructure

View Connection Server

- Identify the VMware vSphere® requirements for a connection server
- Describe the network and firewall configurations for View Connection Server
- License VMware Horizon components

VMware Horizon Pools and Desktops

- Outline the process and choices in setting up VMware Horizon 7 virtual machines
- Compare the remote display protocols that are available in VMware Horizon
- List the ports that must be opened in the machine's firewall for VMware Horizon operations
- Outline the configuration choices when installing Horizon Agent

Horizon Client Options

- Describe the requirements for a Horizon Client installation
- Explain USB redirection and options
- Describe the power states for desktops
- Describe the configuration options for Virtual Printing

Creating Automated Pools of Full Virtual Machines

- Recognize how an automated pool operates
- Compare dedicated-assignment and floating-assignment pools
- Outline the steps to create an automated pool and examine the entitlement of desktops

Creating and Managing Linked-Clone Desktops

- Describe the VMware linked-clone technology
- Explain why both a parent virtual machine and a snapshot must be used to create linked clones
- Outline the system requirements for View Composer
- Describe the relationship between a

Creating RDS Desktop and Application Pools

- Describe how a user can access a single application by using the RDS application pool
- Create an RDS desktop pool and an application pool
- Explain how the View Composer linked-clone technology can automate the build-out of RDS server farms and load balance

VMware Horizon 7 Authentication

- Compare the authentication options that View Connection Server supports
- Describe the purpose of TrueSSO single sign-on
- Identify TrueSSO single sign-on components

Managing VMware Horizon Security

- Compare tunnels and direct connections for client access to desktops
- Compare the benefits of using either VMware Horizon Security Server or Access Point in the DMZ
- Identify where the tunnel endpoints are in a security server or an Access Point implementation

Command-Line Tools and Backup Options

- Describe key View 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
- Identify the log locations for each VMware Horizon component

VMware Horizon Performance and Scalability

- Describe the purpose of a replica server
- Compare a replica server to a standard connection server
- Explain how multiple VMware Horizon servers maintain synchronization
- List several best practices for multiserver deployment in a pod
- Describe how a load-balancing capability might improve VMware Horizon performance

Overview of App Volumes Enterprise

- App Volumes
- User Environment Manager
- VMware ThinApp®

Overview of App Volumes

Working with AppStacks

- Creating and provisioning AppStacks
- Managing and updating AppStacks
- Using AppStacks in virtual desktops
- Using AppStacks in a Remote Desktop Services host
- Best practices for AppStacks

Working with Writable Volumes

- Default writable volume templates
- Writable volume policies at creation
- Updating and rescanning writable volumes

Overview of User Environment Manager

- Features and benefits
- User Environment Manager terminology
- User environment settings and scope
- User profile scenarios

Installation of User Environment Manager

- Infrastructure and system requirements
- User Environment Manager Agent (FlexEngine) requirements
- Group Policy configuration
- Management Console configuration

User Environment Manager Settings

- Personalization settings
- User environment settings
- Condition sets
- Application migration

Application Configuration Management

- Predefined and user-customized application settings
- Using Application Profiler
- Using the Self-Support Tool
- Using the Helpdesk Support Tool

---

www.globalknowledge.es   info.cursos@globalknowledge.es   (34) 91 425 06 60

persistent disk and the system disk
- Setup an automated desktop pool that uses linked clones

Creating and Managing Instant-Clone Pools

- Identify the advantages of instant clones
- Identify the requirements of instant clones
- Describe the types of instant-clone virtual machines
- Outline the steps to set up an automated pool that uses instant clones

- Features and benefits
- Scalability and limitations
- Storage group distribution strategies
- App Volumes components

Installation of App Volumes

- Infrastructure and system requirements
- Installing and configuring App Volumes Manager
- Installing the App Volumes agent

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

info.cursos@globalknowledge.es

www.globalknowledge.es

Global Knowledge Network Spain, C/ Retama 7, 6ª planta, 28045 Madrid