

5 Days

VMware Mirage [V5.0] and Horizon with View [V6.0]: Fast Track

This VMware Training program provide you with skills that is required to deploy unified image management system with VMware Mirage™ and also impart knowledge in installing, configuring and management the VMware Horizon™ View™ component of VMware Horizon™. This is an extended hours and hands-on training program.

Additionally, in this VMware training you learn to configure security, perform a Windows migration, manage images and set up endpoint protection and perform various management functions with Mirage. Also, you gain practical, hands-on experience with View concepts and include VMware View® Composer™, VMware View® Manager™ and the View security server.

Course Details

Course Outline

Course Introduction:

- Introductions and course logistics
- Course objectives 2 Introduction to Mirage
- Discuss the key concepts of Mirage
- Describe how Mirage works with Horizon 6
- Define the main Mirage use cases
- Discuss Mirage features and benefits 3 Components and Architecture
- Identify the function of each of the Mirage solution components
- Define the Mirage layers
- Diagram the Mirage architecture 4 Installing and Configuring Mirage
- Outline the tasks for installing and configuring Mirage
- Discuss the process for deploying the Mirage client
- Identify the high-level tasks for upgrading Mirage 5 Mirage Security
- Recognize the architecture and components of the Mirage Gateway server and how they interact
- Identify tasks for performing SSL configuration on a Mirage system
- Explain how to configure Mirage load balancing 6 Mirage Management Overview
- Explain how to use the Mirage dashboard and transaction logs to monitor your Mirage system environment
- Recognize the process for setting up static and dynamic centralized virtual desktop (CVD) collections
- Explain the main Image Composer functions
- Describe how Mirage roles are set up and used 7 Mirage Web Manager
- Identify the main installation and configuration tasks for Mirage Web Manager
- Discuss how to use Mirage Web Manager logs
- Recognize how to configure SSL on Mirage Web Manager 8 Mirage Single Image Management
- Diagram the layer management lifecycle
- Explain how to set up a reference machine
- Recognize the process for capturing and assigning base layers and application layers 9 Windows 7 to Windows 8.1 Migration
- Identify steps for performing a Windows 7 to Windows 8.1 migration and how to monitor the migration process
- Discuss the backup capabilities of Mirage
- Explain the Mirage endpoint disaster recovery options 10 Endpoint Protection with Mirage
- Discuss the backup capabilities of Mirage and how upload policies are used to define backup parameters
- Explain the Mirage endpoint disaster recovery options 11 Working with the Mirage File Portal
- Explain the process for configuring the file portal
- Recognize how to configure end-user CVD mapping
- Describe how to access files using the file portal 12 Introduction to Horizon and View
- Overview of Horizon 6

- Introduce View features and components 13 View Connection Server
- Install and configure View Connection Server
- Configure the View events database and syslog server 14 View Desktops
- Prepare virtual machines as View desktops
- Compare PCoIP and RDP remote display protocols
- Explain USB redirection and multimedia redirection
- Install Horizon View Agent in a template
- Deploy a manual pool and entitle users to access it 15 Horizon Client Options
- Introduce Horizon Client for Windows and Mac OS X
- Describe HTML Access, thin clients, and zero clients
- Configure Virtual Printing with Horizon Client 16 Creating and Managing Automated Pools
- Configure and provision automated pools of desktops
- Compare dedicated and floating-assignment pools
- Compare storage options, including VMware Virtual SAN™ 17 Creating and Managing Linked-Clone Desktop Pools
- Overview of View Composer operations
- Deploy and provision linked-clone desktops
- Compare storage options, including Virtual SAN and tiered storage
- Manage linked-clone desktops
- Manage persistent disks 18 Creating and Managing RDS Desktop and Application Pools
- Set up RDS hosts to create a farm
- Deploy and provision RDS desktop pools
- Deploy and provision RDS application pools
- Manage application pools 19 Using View Administrator
- Configure the View environment
- Compare authentication options for desktop access
- Manage users, sessions, and policies
- Implement role-based delegated administration
- Monitor the View environment 20 Managing View Security
- Describe recommended network configurations and authentication options
- Configure the View security server 21 View Persona Management
- Configure user profiles with View Persona Management
- Describe View Persona Management and Windows roaming profiles
- Configure a View Persona Management deployment
- Describe best practices for a View Persona Management deployment 22 Command-Line Tools and Backup Options
- Introduce the vdmadmin utility
- Describe client systems in kiosk mode
- Back up the View databases
- Restore the View databases 23 View Performance and Scalability
- Describe multiserver deployments to create a pod
- Explain performance considerations and load balancing for a single pod
- Explain Cloud Pod Architecture for multiple View pod deployments

Who Should Attend

Experienced system administrators and system integrators responsible for deploying Mirage and Horizon with View

Pre Requisite

Ability to use VMware vSphere® Client™ to view the state of virtual machines, datastores, and networks • Experience accessing the guest operating system from the VMware vCenter Server™ virtual machine console • Ability to navigate Windows 7, Windows 8.1, and Windows Server 2008 • Experience in Microsoft Windows Active Directory administration

Exams

VMware Certified Professional (VCP) [VCP6-DTM]

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Date - Apr 20, 2024