

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

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### 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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