



VMware Horizon Mirage Install, Configure, Manage [V5.0] H4S43S

HPE course number	H4S43S
Course length	3 days
Delivery mode	ILT/VILT
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This hands-on training course provides students with skills that they need to deploy a unified image management system using VMware® Horizon Mirage™. After installing Mirage 5.0, students learn how to configure security, manage images, perform a Windows® migration, set up endpoint protection, and perform various management functions.

Audience

- Experienced system administrators and system integrators responsible for deploying Mirage

Prerequisites

- 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

Course objectives

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

- Describe the key concepts of Mirage
- Recognize how Mirage fits into the VMware end-user computing vision

- Identify the main Mirage use classifications
- Define the function of each of the Mirage solution components
- Install, configure, and upgrade Mirage
- Identify the tasks for SSL configuration on a Mirage system
- Discuss the management functions available in the Mirage Management console
- Deploy Mirage to endpoints
- Explain the tasks for capturing and assigning base layers and application layers
- Describe methods for performing disaster recovery with Mirage
- Outline how to plan and perform a mass hardware migration with Mirage
- Recognize how the file portal is set up and used

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, January 2016

Detailed course outline

Module 1: Course Introduction	<ul style="list-style-type: none"> • Introductions and course logistics • Course objectives
Module 2: Introduction to Mirage	<ul style="list-style-type: none"> • Discuss the key concepts of Mirage • Describe how Mirage works with VMware® Horizon™ 6 • Define the main Mirage user classifications • Discuss Mirage features and benefits
Module 3: Components and Architecture	<ul style="list-style-type: none"> • Identify the function of each of the Mirage solution components • Define the Mirage layers • Diagram the Mirage architecture
Module 4: Installing and Configuring Mirage	<ul style="list-style-type: none"> • Outline the tasks for installing and configuring Mirage • Discuss the process for deploying the Mirage client • Identify the high-level tasks for upgrading Mirage
Module 5: Mirage Web Manager	<ul style="list-style-type: none"> • 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
Module 6: Mirage Management Overview	<ul style="list-style-type: none"> • 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
Module 7: Mirage Single Image Management	<ul style="list-style-type: none"> • 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
Module 8: Windows Migrations	<ul style="list-style-type: none"> • Recognize the steps that you must take to prepare your environment for a Windows migration • Identify the steps for performing a Windows migration • Explain how you can monitor the Windows migration process • Describe the difference between in-place and replacement migrations • Illustrate the processes by which a migration happens • Discuss the ways that you can troubleshoot a migration
Module 9: Endpoint Protection with Mirage	<ul style="list-style-type: none"> • Discuss the backup capabilities of Mirage and how upload policies are used to define backup parameters • Explain the Mirage endpoint disaster recovery options
Module 10: Working with the Mirage File Portal	<ul style="list-style-type: none"> • Explain the process for configuring the Mirage file portal • Recognize how to configure end-user CVD mapping • Describe how to access files using the Mirage file portal • Recognize how to browse and view files in the Mirage file portal
Module 11: Mirage Security	<ul style="list-style-type: none"> • 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

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