

# VMware Mirage: Install, Configure, Manage

## Delivery Methods

- Classroom
- Live Online
- [Onsite](#)

## Course Duration

- Three (3) extended days of instructor-led classroom training
- 60% lecture, 40% hands-on lab

## Target Audience

Experienced system administrators and system integrators responsible for deploying Mirage

## Course Suitability

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Administrator | <input type="checkbox"/> Expert                  |
| <input checked="" type="checkbox"/> Engineer      | <input checked="" type="checkbox"/> Advanced     |
| <input checked="" type="checkbox"/> Architect     | <input checked="" type="checkbox"/> Professional |
|   | <input type="checkbox"/> Fundamentals            |

## 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.

## Certifications

For more information, go to [VMware Certification](#).

## Pricing

Contact your VMware representative or a VMware Authorized Training Center for pricing information.

## More Information

Courses are conveniently scheduled around the world. Go to [VMware Education](#) to find the class that is right for you.



## Course Overview

This hands-on training course provides students with skills that they need to deploy a unified image management system using VMware 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.

## 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

## Course Modules

<p><b>1 Course Introduction</b></p> <ul style="list-style-type: none"> <li>• Introductions and course logistics</li> <li>• Course objectives</li> </ul>	<p><b>7 Mirage Single Image Management</b></p> <ul style="list-style-type: none"> <li>• Diagram the layer management lifecycle</li> <li>• Explain how to set up a reference machine</li> <li>• Recognize the process for capturing and assigning base layers and application layers</li> </ul>
<p><b>2 Introduction to Mirage</b></p> <ul style="list-style-type: none"> <li>• Discuss the key concepts of Mirage</li> <li>• Describe how Mirage works with VMware Horizon® 6</li> <li>• Define the main Mirage user classifications</li> <li>• Discuss Mirage features and benefits</li> </ul>	<p><b>8 Windows Migrations</b></p> <ul style="list-style-type: none"> <li>• Recognize the steps that you must take to prepare your environment for a Windows migration</li> <li>• Identify the steps for performing a Windows migration</li> <li>• Explain how you can monitor the Windows migration process</li> <li>• Describe the difference between in-place and replacement migrations</li> <li>• Illustrate the processes by which a migration happens</li> <li>• Discuss the ways that you can troubleshoot a migration</li> </ul>
<p><b>3 Components and Architecture</b></p> <ul style="list-style-type: none"> <li>• Identify the function of each of the Mirage solution components</li> <li>• Define the Mirage layers</li> <li>• Diagram the Mirage architecture</li> </ul>	<p><b>9 Endpoint Protection with Mirage</b></p> <ul style="list-style-type: none"> <li>• Discuss the backup capabilities of Mirage and how upload policies are used to define backup parameters</li> <li>• Explain the Mirage endpoint disaster recovery options</li> </ul>
<p><b>4 Installing and Configuring Mirage</b></p> <ul style="list-style-type: none"> <li>• Outline the tasks for installing and configuring Mirage</li> <li>• Discuss the process for deploying the Mirage client</li> <li>• Identify the high-level tasks for upgrading Mirage</li> </ul>	<p><b>10 Working with the Mirage File Portal</b></p> <ul style="list-style-type: none"> <li>• Explain the process for configuring the Mirage file portal</li> <li>• Recognize how to configure end-user CVD mapping</li> <li>• Describe how to access files using the Mirage file portal</li> <li>• Recognize how to browse and view files in the Mirage file portal</li> </ul>
<p><b>5 Mirage Web Manager</b></p> <ul style="list-style-type: none"> <li>• Identify the main installation and configuration tasks for Mirage Web Manager</li> <li>• Discuss how to use Mirage Web Manager logs</li> <li>• Recognize how to configure SSL on Mirage Web Manager</li> </ul>	<p><b>11 Mirage Security</b></p> <ul style="list-style-type: none"> <li>• Recognize the architecture and components of the Mirage Gateway server and how they interact</li> <li>• Identify tasks for performing SSL configuration on a Mirage system</li> <li>• Explain how to configure Mirage load balancing</li> </ul>
<p><b>6 Mirage Management Overview</b></p> <ul style="list-style-type: none"> <li>• Explain how to use the Mirage dashboard and transaction logs to monitor your Mirage system environment</li> <li>• Recognize the process for setting up static and dynamic centralized virtual desktop (CVD) collections</li> <li>• Explain the main Image Composer functions</li> <li>• Describe how Mirage roles are set up and used</li> </ul>	



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