

# VMWARE HORIZON 8: VIRTUAL DESKTOP BOOTCAMP

Course Code: 839016

Learn to deliver virtual desktops and applications through a single virtual desktop infrastructure platform.

VMware Horizon® 8: Virtual Desktop Bootcamp is a five-day combination course of VMware Horizon 8: Skills for Virtual Desktop Management and VMware Horizon 8: Virtual Desktop Troubleshooting. This training collection gives you the skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. You will build skills in configuring and managing VMware Horizon® 8 through a combination of lecture and hands-on labs. You learn how to configure and deploy pools of virtual machines and how to provide a customized desktop environment to end-users. Additionally, you will learn how to resolve common issues that occur in VMware Horizon environments. You will engage in a series of lab exercises to bring existing environment issues to resolution. These exercises mirror real-world troubleshooting use cases, equipping you with the knowledge and practical skills to manage typical challenges faced by virtual desktop administrators and operators. This course also provides a challenge lab designed to present participants with virtual desktop issues that might arise in actual VMware Horizon environments. The lab objective is to put into practice the contents covered during the training to create a working environment.

## What You'll Learn

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

- Recognize the features and benefits of VMware Horizon
- Define a use case for your virtual desktop and application infrastructure
- Use VMware vSphere® to create VMs to be used as desktops for VMware Horizon
- Create and optimize Windows VMs to create VMware Horizon desktops
- Install and configure Horizon Agent on a VMware Horizon desktop
- Configure, manage, and entitle desktop pools of full VMs
- Configure and manage the VMware Horizon® Client™ systems and connect the client to a VMware Horizon desktop
- Configure, manage, and entitle pools of instant-clone desktops
- Create and use Remote Desktop Services (RDS) desktops and application

pools

- Monitor the VMware Horizon environment using the VMware Horizon console dashboard and Horizon Help Desk Tool
- Implement a structured approach to troubleshooting
- Resolve common issues that occur in VMware Horizon environments
- Describe key VMware Horizon® Connection Server™ features that are available as CLI options with the vdm admin command
- Identify the log locations for each VMware Horizon component
- Identify procedures to diagnose and fix problems related to the creation and use of machines and desktop pools
- Discuss the VMware Logon Monitor requirements
- Explain how to optimize VMware Horizon Windows desktops
- Discuss how to troubleshoot problems related to instant-clone machines
- Identify steps that you can follow to solve problems related to Horizon Client
- Discuss the troubleshooting techniques for common client connection issues
- Discuss the troubleshooting steps applicable to device redirection in VMware Horizon

## Who Needs to Attend

Operators, administrators, and architects for VMware Horizon should enroll in this course. These individuals are responsible for the creation, maintenance, and delivery of remote and virtual desktop services.

## Prerequisites

Customers attending this course should have, at a minimum, the following VMware infrastructure skills:

- Using VMware vSphere® Client™ to view the state of virtual machines, datastores, and networks
- Opening a virtual machine console on VMware vCenter® and access the guest operating system

Attendees should also have the following Microsoft Windows system administration experience:

- Configuring Active Directory (AD) services, including DNS, DHCP, and time synchronization
- Restricting user activities by implementing Group Policy Objects (GPOs)
- Configuring Windows systems to enable Remote Desktop connections
- Building an Open Database Connectivity (ODBC) connection to an SQL Server database

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