

# VMWARE HORIZON 8: INFRASTRUCTURE ADMINISTRATION AND TROUBLESHOOTING

Course Code: 839013

VMware Horizon 8: Infrastructure Administrator and Troubleshooting is a five-day combination course of VMware Horizon 8: Infrastructure Administration and VMware Horizon 8: Infrastructure Troubleshooting. This training collection gives you the skills to install and configure a virtual desktop infrastructure platform. This course builds your skills in installing and configuring VMware Horizon® through a combination of lectures and hands-on labs. You learn how to install and configure VMware Horizon® Connection Server™ and VMware Unified Access Gateway™, how to configure a load balancer for use with VMware Horizon, and how to implement the Cloud Pod Architecture feature. In addition, this course provides you with the advanced knowledge, skills, and abilities to troubleshoot VMware Horizon infrastructure. This workshop teaches the required skill and competence for troubleshooting Horizon Connection Server, Unified Access Gateway, protocols, connections, and certificates. This course provides a challenge lab designed to present participants with infrastructure issues that might arise in actual VMware Horizon environments. The objective of this lab 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:

- Describe the installation, architecture, and requirements of Horizon Connection Server
- Describe the authentication and certificate options for a VMware Horizon environment
- Recognize the integration process and benefits of Workspace ONE Access and VMware Horizon
- Compare the remote display protocols that are available in VMware Horizon
- Describe the 3D rendering options available in VMware Horizon
- Discuss the scalability options available in VMware Horizon
- Describe the different security options for VMware Horizon environments
- Discuss the advanced configurations of Horizon Connection Server

- List the troubleshooting techniques for common Horizon Connection Server issues
- Interpret the Horizon Connection Server logs
- Identify Unified Access Gateway configuration and certificate issues
- List the troubleshooting steps for common Unified Access Gateway common issues
- Describe Blast configuration verification using logs and settings
- Describe the Blast optimization recommendations for different use cases
- Describe VMware Horizon connections and how to troubleshoot related problems
- Describe VMware Horizon certificates
- List the troubleshooting steps for common VMware Horizon certificates issues
- Describe Cloud Pod Architecture troubleshooting scenarios
- Identify and fix problems in a VMware Horizon environment

## Who Needs to Attend

Tier 1 system administrators and integrators responsible for managing and maintaining VMware Horizon infrastructure

## 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
- Build an Open Database Connectivity (ODBC) connection to an SQL Server database

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