

VMWARE HORIZON 8: INFRASTRUCTURE TROUBLESHOOTING

Course Code: 839014

Explore the advanced knowledge, skills, and abilities to troubleshoot VMware Horizon 8 infrastructure.

This three-day, hands-on training provides you with the advanced knowledge, skills, and abilities to troubleshoot VMware Horizon 8 infrastructure. This workshop teaches the required skill and competence for troubleshooting Horizon Connection Server, Unified Access Gateway, protocols, connections, and certificates. This course also provides a challenge lab designed to present participants with infrastructure issues that may arise in actual 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:

- Discuss Connection Server advanced configurations.
- List troubleshooting techniques for Connection Server common issues.
- Interpret VMware Horizon 8 Connection Server logs.
- Identify UAG configuration and certificate issues.
- List troubleshooting steps for UAG common issues.
- Describe BLAST configuration verification using logs and settings.
- Describe BLAST optimization recommendations for different use cases.
- Describe VMware Horizon 8 Connections and how to troubleshoot related issues.
- Describe VMware Horizon 8 Certificates.
- List troubleshooting steps for VMware Horizon 8 certificates common 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:

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

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

- Configure Active Directory services, including DNS, DHCP, and time synchronization
- Restrict user activities by implementing Group Policy objects
- Configure Windows systems to enable Remote Desktop Connections
- Build an ODBC connection to an SQL Server database

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VIRTUAL CLASSROOM LIVE

\$3,774 CAD

3 Day

Virtual Classroom Live Outline

Module 1 Course Introduction

- Introductions and course logistics
- Course objectives

Module 2 Troubleshooting Horizon Connection Server

- Identify general troubleshooting techniques for Horizon Connection Server
- Explain how to use logs to identify common Horizon Connection Server problems
- Describe Active Directory (AD) Lightweight Directory Service (LDS) Replication
- Discuss Horizon Connection Server Replication common issues
- Explain how to interpret Horizon Connection Server logs
- Compare successful and unsuccessful logs from common infrastructure administration tasks

Module 3 Troubleshooting Unified Access Gateway

- List and identify common UAG deployment issues
- Explain how to monitor the health of a Unified Access Gateway deployment
- Identify and Troubleshoot UAG certificate issues
- Explain how to monitor, test, and troubleshoot network errors using tcpdump and curl
- Detail general Unified Access Gateway troubleshooting methods

Module 4 BLAST Configuration

- Discuss BLAST Codecs and Encoder Switch settings
- Describe how to verify BLAST configuration using logs and settings

Module 5 Optimizing BLAST

- List general BLAST optimization recommendations
- Summarize BLAST tuning recommendations that apply to WAN connections
- Summarize BLAST tuning recommendations that apply to work-from-home and home-office-tocloud use case
- Describe recommended tuning options to increase display protocol quality for all use cases and applications

Module 6 Troubleshooting VMware Horizon Connections

- Explain VMware Horizon connections
- Describe the role of primary and secondary protocols in VMware Horizon connections
- Describe HTML Client Access Connections
- Describe Horizon Connections Load Balancing
- Describe timeout settings, supported health monitoring string, and suitable Load balancer persistence values
- Identify troubleshooting steps for failing Horizon Load Balancer connections
- List the steps for troubleshooting VMware Horizon connections

Module 7 Troubleshooting VMware Horizon Certificates

- List VMware Horizon certificate functions
- Describe VMware Horizon certificate scenarios
- Discuss potential challenges related to certificates in VMware Horizon
- Describe the troubleshooting approach to Horizon certificates issues

Module 8 Cloud Pod Architecture

- Describe Cloud Pod Architecture troubleshooting scenarios

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