

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Horizon Troubleshooting Bootcamp

CODE: LÄNGE: PREIS:

OMN WS1DMUEMT22 40 Hours (5 Tage) €5,630.00

Description

Horizon Troubleshooting Bootcamp is a five-day combination course of Horizon Virtual Desktop Troubleshooting & Horizon Infrastructure Troubleshooting. This training collection gives you the hands-on skills in resolving common issues that occur in a Horizon® environment.

You will engage in a series of lab exercises to bring existing environment issues to resolution. The exercises mirror real-world troubleshooting use cases. These exercises equip learners with the knowledge and practical skills to manage typical challenges faced by Tier 1 virtual desktop administrators and operators, as well as advanced knowledge, skills, and abilities to troubleshoot Horizon infrastructure. This workshop teaches the required skill and competence for troubleshooting Horizon Connection Server, Unified Access Gateway, protocols, connections, and certificates.

Horizon Troubleshooting bootcamp provides two challenge labs designed to present participants with virtual desktops and 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.

Lernziel

By the end of this session, attendees should be able to:

Implement a structured approach to troubleshooting

Resolve common issues that occur in a Horizon environment

Describe key Horizon Connection Server features that are available as CLI options with the vdmadmin command Identify the log locations for each Horizon component

Identify procedures to diagnose and fix problems related to the creation and use of machines and desktop pools

Discuss the Logon Monitor requirements

Explain how to optimize Horizon Windows desktops

Discuss how to troubleshoot problems related to Instant cloned machines

Identify steps that you can follow to solve problems related to Horizon Client

Discuss troubleshooting techniques for common client connection issues

Discuss troubleshooting steps applicable to device redirection in Horizon

Discuss Connection Server advanced configurations

List troubleshooting techniques for Connection Server common issues

Interpret Horizon 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 different security options for the Horizon environment.

Describe BLAST optimization recommendations for different use cases

Describe Horizon Connections and how to troubleshoot related issues

Describe Horizon Certificates

List troubleshooting steps for Horizon certificates common issues

Describe Cloud Pod Architecture troubleshooting scenarios

Identify and fix problems in a Horizon environment

Zielgruppe

Tier 1 system administrators, and integrators responsible for managing and maintaining Horizon Infrastructure.

Voraussetzungen

Horizon Deploy and Manage Before attending this course, you must have the following skills: Use vSphere Web Client

Inhalt

1 Course Introduction Introductions and course logistics

Course objectives

2 Overview of Virtual Desktop and Application Virtualization Troubleshooting

Identify Horizon architecture and supportability using Horizon Documentation

Apply systematic troubleshooting methods to logically diagnose faults by collecting valid and accurate information regarding the environment and problems

Identify the different approaches to take when a problem occurs and how to document them

3 Command-Line Tools and Backup Options

Describe key Horizon Connection Server features that are available as CLI options with the vdmadmin command Identify and collect the log locations for each Horizon component

Describe the Horizon backup and restore and its benefits

Identify the Database reporting functionality and the steps to resolve inconsistencies

4 Troubleshooting Machines and Desktops

Identify the information captured in the Help Desk Tool

List the procedures to diagnose and fix problems encountered when creating or using machines and desktop pools Identify procedures you can follow to diagnose and fix problems while creating and using Linux desktops

5 Horizon End User Performance and Optimization

Discuss the Logon Monitor requirements

Describe the Logon Monitor configuration

List the Logon Monitor metrics

Identify the advantages of image optimization

Explain how to optimize Horizon Windows desktops

6 Troubleshooting Instant Clones

Describe how instant clones are created

Explain what gets logged when an instant clone is created

Identify the keywords to look for in logs when troubleshooting instant clones

Discuss how to troubleshoot problems with instant clones

7 Troubleshooting Horizon Client

Identify steps that you can follow to solve problems related to Windows Horizon Client

Identify steps to solve problems related to Horizon Client for Linux

Identify steps that you can follow to solve problems related to Horizon HTML Access

Identify steps to solve problems related to Horizon Client for Mac

8 Troubleshooting Common Client Connection Issues

Identify the key ports in the Horizon environment

Discuss how to troubleshoot black screen problems

9 Troubleshooting Device Redirection

List troubleshooting steps applicable to USB Redirection issue

Discuss Nested RDSH Redirection

10 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

11 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 topdump and curl

Detail general Unified Access Gateway troubleshooting methods

12 BLAST Configuration

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

13 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-to-cloud use cases Describe recommended tuning options to increase display protocol quality for all use cases and applications

14 Troubleshooting Horizon Connections

Explain Horizon connections

Describe the role of primary and secondary protocols in 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 Horizon connections

15 Troubleshooting Horizon Certificates

List Horizon certificate functions

Describe Horizon certificate scenarios

Discuss potential challenges related to certificates in Horizon

Describe the troubleshooting approach to Horizon certificates issues

16 Cloud Pod Architecture

Describe Cloud Pod Architecture troubleshooting scenarios

Test und Zertifizierung

Omnissa Certified Professional Desktop (OCPD)

Kurstermine

Auf Anfrage. Bitte kontaktieren Sie uns

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.