Omnissa Horizon® 8: Administration and Operations

Duration: 5 Days Course Code: OMHAO Delivery Method: Company Event

Overview:

Streamline Horizon 8 Administration: deliver, monitor, and troubleshoot with confidence
Delivered by an Omnissa Certified Instructor, the Horizon 8: Administration and Operations course teaches IT professionals to effectively manage desktops and users with Horizon Console. Learners will also gain practical skills to optimize performance and troubleshoot common issues.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Intermediate to advanced practitioners that manage, optimize and troubleshoot enterprise desktops and applications in their environment.

Objectives:

- Understand the architecture and components of Omnissa Horizon 8.
- Build and optimize Windows and Linux images for virtual desktop deployment.
- Create and manage Instant Clone and Full Clone desktop pools.
- Configure and manage Remote Desktop Services (RDS) farms and application pools.
- Administer user entitlements and access permissions for desktops and applications.
- Customize pool settings to meet performance, security, and user experience requirements.
- Deliver use cases such as persistent/non-persistent desktops, remote apps, and complex scenarios.
- Use Omnissa OS Optimization Tool (OSOT) to optimize desktop images.
- Monitor and analyze the Horizon environment using the helpdesk console and performance monitoring tool.
- Perform basic troubleshooting across Horizon, App Volumes, and DEM components.
- Identify and resolve common issues related to connectivity, performance, and user experience.
- Review the architecture and operational components of App Volumes.
- Create, assign, and manage Application Packages and Writable Volumes.
- Integrate App Volumes with Horizon desktop pools for dynamic application on-demand delivery.
- Troubleshoot common App Volumes issues related to provisioning, assignment, and performance.
- Understand the role of DEM in user environment personalization and policy enforcement.
- Create and manage Application Personalization settings
- Create and manage user and computer environment settings, including focusing on the top 5 DEM use cases.
- Apply condition sets and policies for contextual user experience.
- Troubleshoot DEM configurations and user profile issues.

Prerequisites:

Recommended:

- A working knowledge of Horizon 8
- A background in End-User Computing

- Completed Horizon 8 Deploy and Manage course

Technical requirements

- Bring a full-size laptop.
- A secondary device is recommended for reading and lab materials, which are only delivered electronically.
- Please ensure you have the US keyboard mapping added to your devices.
- OMHDM - Omnissa Horizon®: Deploy and Manage

Content:

1 Course introduction

- Introductions and course logistics
- Course objectives

2 Introduction to Omnissa Horizon 8

- Review Horizon 8 architecture
- Understanding Roles and Privileges in Horizon 8

3 Navigating the Horizon Console

- Horizon Console
- Horizon Help Desk Tool
- Horizon Performance Tracker
- Working with Role-Based Delegation Administration

4 Horizon Agent

- Introduction to the Horizon Agent
- Securing Horizon connections
- Installation and configuration options
- Horizon Agent and Remote Desktop Features

5 Horizon Client

- Introduction to Horizon Client
- Install and configure
- Horizon Client settings
- Horizon Client connectivity and security
- Horizon Client features

6 Creating the Windows Desktop Image

- Build a Windows Desktop Image
- Preparation for Image Build
- Agents
- Optimizing the Windows Image
- Understand Templates and Snapshots

7 Preparing Virtual Desktop Pools

- Overview of Windows virtual desktop pools
- Pool creation process workflows
- Pool administration tasks

8 Horizon Remote Desktop Session Host Services

- Introduction to RDS Desktop and Application Pools
- How Does RDS Works
- Creating the RDS Application and Desktop Pools
- Remote Desktop Services Host Manual Farms
- Accessing and Configuring RDS Pools
- Remote Desktop Services Host Automated Farms
- Horizon Remote Desktop Services Load

9 Creating Linux Virtual Desktops

- Linux Deployment Overview
- Linux Machine Preparation
- Working with the Easy Setup Tool

10 Update images and pools

- Upgrading a Golden Image
- Upgrading a virtual desktop pool

11 Introduction to monitoring, logs, and troubleshooting

- Understanding Monitoring in Horizon 8
- Understanding Horizon 8 Logs
- Introduction to Troubleshooting

12 Horizon connection troubleshooting

- Understanding Horizon connections
- Horizon connections load balancing
- Troubleshooting Horizon connections
- Key ports and protocols
- Black screen

13 Troubleshooting machines and desktops

- Help Desk tool deep dive
- Troubleshooting machines and desktops
- Troubleshooting Linux desktops

14 Optimizing Windows desktops and servers

- Why optimize a Windows image?
- Windows OS Optimization Tool for Horizon
- Using Automation to build optimized Windows images
- Lab: Building a Windows image using the OS Optimization Tool for Horizon

15 Troubleshooting Instant Clones

- Troubleshooting Instant Clones

16 Troubleshooting Horizon Client

- Horizon Client for Windows
- Horizon Client for Linux
- Horizon Client for Mac
- Horizon Web Client (HTML Access)

17 Troubleshooting device redirection

- Device redirection
- Nested RDSH redirection

18 Introduction to App Volumes

- App Volumes Overview
- App Volumes Applications and Packages
- Understand Application Lifecycle Management
- Writable Volumes
- App Volumes Architecture

19 Capture and deliver App Volumes packages

- Packaging Applications
- Delivering Applications
- Updating Applications

20 Introduction to Dynamic Environment Manager

- Dynamic Environment Manager Overview
- Explore the DEM Management Console
- Learn about DEM Personalization
- Learn about DEM User and Computer Environment
- Learn about DEM Condition Sets
- Dynamic Environment Manager Architecture

21 Deliver a persistent user experience with Dynamic Environment Manager

- Explore DEM Personalization
- Configure ADMX-Based settings, Application Blocking, and Privilege Elevation
- Deliver the experience with Horizon Smart Policies, Condition Sets, and Triggered Tasks

22 Troubleshooting App Volumes and Dynamic Environment Manager

- App Volumes troubleshooting basics
- Dynamic Environment Manager troubleshooting basics

Balancing		

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK