

## **Enterprise Computing Solutions - Education Services**

# **TRAINING OFFERING**

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# **OMNISS**Morizon Administration and Operations

CODE: LENGTH: PRICE:

OMN EUCD 40 Hours (5 days) £4,250.00

#### **Description**

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 alsogain practical skills to optimize performance and troubleshoot common issues.

#### **Objectives**

- Understand the architecture and components of Omnissa Horizon 8.
- o 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
- o 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.

#### **Audience**

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

#### **Prerequisites**

#### Recommended:

- o A working knowledge of Horizon 8
- · A background in End-User Computing
- Completed Horizon 8 Deploy and Manage course

#### **Programme**

#### 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 Balancing

#### 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

### **Session Dates**

Date	Location	Time Zone	Language	Туре	Guaranteed	PRICE
08 Dec 2025	Virtual Classroom	GMT	English	Instructor Led Online		£4,250.00

## **Additional Information**

This training is also available as onsite training. Please contact us to find out more.