Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS B.V., Kromme Schaft 5, 3991 AR Houten, The Netherlands

Email: education.ecs.nl@arrow.com
Phone: +31 20 582 6109

Omnissa Horizon Fast Track 2025

CODE:	LENGTH:	PRICE:
OMN_HDMAVFT88	40 Hours (5 days)	€4,995.00

Description

This session explains how and why we use Horizon 8 Virtual Desktops and Published Applications across platforms in On-Prem, Hybrid, and Cloud environments.

Objectives

By the end of this session, attendees should be able to:
• Understand the role and function of all Horizon Components
• Understand both Cloud and On-premises deployment Architecture options
• Deploy and configure a Horizon Pod
o Deplaying and configuring a Standard and Replica server
o Adding a Capacity Provider
o Licensing Options
o Event Database configuration
• Deploying and Configuring the Unified Access Gateway in a clustered infrastructure
• Overview of Horizon Recording Services
• Understanding Horizon Brokering requirements for on-premises and multi-site architectures
o Global and local server load-balancing concepts
• Configure Horizon Cloud Pod Architecture to solve high availability and scalability requirements.
• Authentication Options with Omnissa Horizon
• Configure a secure Single Sign-On solution using Omnissa Access
o Federation overview of Access with Horizon
o Federation overview of Access with Unified Access Gateway
o Deploying and Configuring Horizon TrueSSO
o Deploying and Configuring Enrollment Services
• Omnissa Horizon Graphics Configuration and Deployment overview
• Omnissa Horizon session Protocols Overview
o Overview of Horizon Blast
o Overview of PCoIP & PCoIP Ultra
o Overview of RDP (Remote Desktop Protocol)
• Horizon Administration Options
o Image Management best practices for Full Clone and Instant Clone Desktop Pools
o SysPrep and Clone Prep requirements
o Deploying , Configuration and Maintenance options for Persistant and Non-persistant Desktop Pools
o Deploying Configuration and Maintenance Options RDS Server farm
o Horizon Linux Desktop Pool Image Management and Desktop Pool Deployment
o Monitoring Options in the Horizon Admin Console
o Administrative options using the LDS Database
o App Volumes integration with Horizon
o Horizon Agent and Client Options
Using App Volumes and Dynamic Environment Manager attendees should be able to:
• Understand the role and function of all App Volumes Components.
• Understand App Volumes Architecture and Components.
• Understanding the Provisioning Process of building a Package.
• Understanding the benefits , configuration requirements and options related to Classic Delivery of applications.
• Understanding the benefits , configuration requirements and options related to On-Demand Delivery of applications.
• Learning how to setup App Volumes Storage Groups for Multi-site scenarios
• Understanding best Practices related to the setup, configuration and use of Writable Volumes.
• Using App Volumes tools command line options and Delivery of applications.
• Understanding Dynamic Enviromment Manager Architecture and Components
• An overview of Group Policy based configuration

• An overview of NOAD mode configuration
• An understanding of how Dynamic Environment Manager sync and replication works
• An understanding of the Conditional element of Dynamic Environment Manager
• Dynamic Environment Manager Advanced configurations for example, Smart Policies and Triggered Tasks
• Dynamic Environment Manager Optional components:-
o Self Support Tool
o Help Desk Support Tool
o Application Profiler
o Dynamic Environment Manager Sync Tool
• An Overview of ThinAPP

Audience

• Administrators with Experience
• Systems Engineers
• Consulting Architects
• Citrix Specialists
• Microsoft End-User Computing specialists

Prerequisites

Recommended:
• Already experienced Administrators
• Understand fundamental Networking / Storage and Infrastructure concepts
• Understand TCP/IP
• A good understanding for Microsoft Active Directory

Programme

1. Omnissa Reference Architecture Overview
At the end of this module you will learn Omnissa best practices with the regard to Designing Horizon.
2. Horizon 8 Architecture Overview
At the end of this module you should have a clear understanding of the primary components that make up Horizon 8.Understand the Architectural Options available and deployment terminology, when deploying Horizon 8 for both on-premises , Hybrid and Cloud deployments.
3. Horizon Connection Server Overview
The primary requirements and install options when deploying the Horizon Connection Server.
4. Horizon Recording Services Overview
In this Module we will look at business challenges Horizon Recording Services addresses. Its Architecture, components and associated deployment and Administrative functions.
5. Securing the Horizon Transport
Once Connection Server/s are deployed, knowing when to and when not to enable Tunneling of sessions.
6. Workspace ONE Integration with Horizon
Understand what Omnissa Intelligence, Hub Services and Workspace ONE UEM are and the role they might play with Horizon in solving business challenges.
7. Unified Access Gatway Overview
You will learn what Architecture, deployment and configuration options are validated, when using the Unified Access Gateway.
8. Horizon Brokering Understand the Horizon Transport and how this will translate when communicating local and global server load balancing requirements for Horizon.
9. Horizon Desktop Pool Administration
Now that you understand the Horizon Architecture, deploying and configuring a Desktop Pool options will be clearer. We will cover the entire process starting with Image creation best practices , deployment of Pools to Maintenance operations. Our main focus is the creation and deployment of Windows Desktop Pools.
10. Horizon Linux Desktop Deployment
In this module we will provide and overview of the traditional and Easy Setup to Image creation for Linux based Desktop Pool deployments.
11. Horizon Authentication and Single-Sign On requirements
At the end of this module you will understand what authentication options Horizon supports directly and how Horizon will integrate with Identity Providers both 3rd Party and Omnissa Access. The role that Enrollment services plays to ensure Single Sign-On and how this is configured.
12. Cloud Pod Architecture At the end of this module you will understand what challenges Cloud Pod
Architecture solves and the elements involved when enabling and configuring Cloud Pod Architecture.
13. Horizon RDS Published Applications
How we deploy and configure a RDS Server Farm and what the options are for Application Pools. We also cover App Volumes integrations with Horizon.
14. Horizon Agent and Client Options

An overview of the most important security and performance related settings which are available directly through the agent and client but can also be configured through the Admin Console and Group Policy settings.
15. Horizon Protocols At the end of this module you will understand what Codecs Horizon Blast supports. You will get an overview of the PCoIP and the RDP protocol.
16. Horizon Graphics At the end of this module you will understand what is Software and Hardware 3D rendering options are supported and an overview of the configuration process.
17. Horizon Administrative Tasks At the end of this module you will understand the primary elements that make up the Horizon Admin Console to support, configure troubleshoot a User Horizon Desktop session or a Published Application session. You will have an overview of Horizon Performance tracker and be introduced to the Real Time monitoring options available. You will also walk through the process of Delegating privilege to administrators in an enterprise.
18. ThinAPP Overview Understanding why ThinAPP is still a relevant solution with Modern lifecycle management. A overview of the Components and the ThinApp Capture cycle. Understanding what Isolation Modes are, The function of the Sandbox and we support and maintain ThinAPP Packages
19. Introduction & Architecture of App Volumes
At the end of this module you will understand what business challenges App Volumes solves, the components that make up App Volumes and its Architecture.
20. Working with Application Packages
At the end of this module you will understand the App Volumes provisioning process. How App Volumes integrates with an organization application life-cycle management strategy. Understand the difference in the two primary strategies, that being Classic delivery and On-Demand Delivery.
21. App Volumes OnDemand Delivery
Understand the configuration options for On-demand Delivery for both Desktop and RDS Farm, Published Application Delivery.
22. App Volumes Advanced Configurations
Understand the function and how to setup Storage Groups What to know about the Snapvol.cfg configuration file App Volumes Command Line packaging using appcapture.exe
23. Dynamic Environment Manager Architecture and Console Overview
This is an introduction to the concept of Profile management , Dynamice Environment Manager Architecture , its components and how it works.
24. Dynamic Environment Manager Advanced Configurations
Understand what in the context of Dynamic Environment Manager, an Environment is, why it would necessary to use Dynamic Environment across Environments and how Environments are configured. Understand how we configure Dynamic Environment Manager to integrate with ThinApp applications Understand how Dynamic Environment Manager integrates with Workspace ONE UEM The value of configureing Smart Policies and Triggered Tasks and how this is configured.
25. Dynamic Environmement Manager Optional Components
You will get an overview and requirements to setup:-
o Self Support Tool
o Help Desk Support Tool
o Application Profiler
o Dynamic Environment Manager Sync Tool

Test and Certification

Omnissa Certified Professional Desktop (OCPD)

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
25 Jan 2027	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€5,500.00
22 Feb 2027	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€5,500.00
26 Apr 2027	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€5,500.00
24 May 2027	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€5,500.00
26 Jul 2027	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€5,500.00
23 Aug 2027	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€5,500.00
25 Oct 2027	Virtual Classroom (GMT / UTC)	BST	English	Instructor Led Online		€5,500.00
22 Nov 2027	Virtual Classroom (GMT / UTC)	GMT	English	Instructor Led Online		€5,500.00

Additional Information

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