



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

9201 Dry Creek Rd. Centennial, CO 80112, United States

Email: arrow_learning@arrow.com
Phone: 303 790 2330



VMware Horizon: Design and Deploy [v6.0]

CODE:	LENGTH:	PRICE:
VM-HDD-6-OE	40 Hours (5 days)	\$4,250.00

Description

This course presents a methodology for designing and deploying a VMware Horizon® solution. The design methodology includes recommendations for the type of information and data that must be gathered and analyzed to make sound design decisions for the client systems, the desktop options, the VMware vSphere® infrastructure, and the Horizon components. VMware best practices are presented for each phase of the design process. During this class, you apply your new knowledge by working with other participants to design and deploy a Horizon solution for a real-world project.

Objectives

By the end of the course, you should be able to meet the following objectives:

- Assess the business and application requirements of an environment
- Design a Horizon infrastructure architecture that addresses the needs of the organization and follows VMware best practices
- Document a design that can be implemented
- Design and deploy a comprehensive Horizon solution

Audience

Experienced system administrators and system integrators responsible for designing and implementing Horizon solutions.

Prerequisites

- Virtualized desktop implementation experience
- Understanding of concepts presented in the Horizon (with View): Install, Configure, Manage course or equivalent experience
- Understanding of concepts presented in the VMware Data Center Virtualization Fundamentals course

Programme

Course Introduction	Infrastructure Assessment
Introductions and course logistics	Define customer business objectives
Course objectives	Gather and analyze business and application requirements
View Design	Use a systematic methodology to evaluate and document design decisions
Identify the design process to build a Horizon solution	
Use the Horizon reference architecture to deploy a Horizon solution	
Outline the process to define a use case	
Determine use cases for a given business case study	
Pool and Desktop Design	
Map use cases to Horizon instances and Horizon pools	
Create and deploy desktop pools for a given use case	
List the key considerations for sizing hardware for a desktop virtual machine	
Identify key virtual desktop performance tuning and Windows optimizations and their effects on Horizon performance	
Horizon Block and Pod Design	
Identify the components of a typical Horizon block and pod	
Outline the relationships between Horizon management block components	
Design a Horizon desktop block and pod configuration for a given use case	
Configure cloud pod architecture for multisite pool access	

VMware Infrastructure Design

Identify factors and design decisions that determine the sizing for VMware ESXi™ hosts

Estimate and size CPU and memory requirements

Describe the design considerations for sizing network capacity

Outline the privileges that are required by an administrative user account

Storage Design

Identify factors that determine the sizing for shared storage

Identify benefits of using tiered storage for linked-clone pools

Identify use cases and benefits of using View Storage Accelerator

Identify use cases and benefits of using persistent disks and disposable-files disks in linked-clone desktops

Identify use cases and benefits of using VMware Virtual SAN™

Network and Security Design

Identify the design decisions related to bandwidth utilization

Identify use cases and benefits of using load balancing and traffic management

Identify the best practices for avoiding network congestion

Identify use cases and benefits of using firewalls for DMZ-based security servers

End-User Session and Device Design

Identify VMware best practices for Active Directory containers, groups, and Group Policy object policies in a Horizon solution

Discuss alternatives for managing user profiles

Describe benefits of using View Persona Management

Identify client device characteristics and requirements

Deploying and Managing Applications

Describe the importance of the application delivery mechanism

Determine which Horizon application tool should be used to accomplish which business objectives

Design and create Remote Desktop Services farms and application pools to support the deployment of applications

Session Dates

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)