TRAINING OFFERING

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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
Introductions and course logistics
Course objectives
View Design
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

Infrastructure Assessment
Define customer business objectives
Gather and analyze business and application requirements
Use a systematic methodology to evaluate and document design decisions

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.