

5 Days

Horizon: Design and Deploy [V6]

The VMware Horizon Design and Deploy V6 training course provides the tools and technologies of designing and deploying a VMware Horizon 6.0 solution. The designing process determines the selection and analysis of right kind of data and information required to make sound design decisions for the VMware VSphere environment and Horizon components.

Through this VMware Horizon certification course, the participants will be able to work on a real-time project wherein they design a Horizon architecture that will cater to the organizational needs through best possible practices of VMware

Course Details

Course Outline

1. Course Introduction

- Introduction to course logistics
- Course objectives

2. Infrastructure Assessment

- Defining customer business objectives
- Use a systematic methodology to evaluate and document design decisions
- Gather and analyze business and application requirements

3. View Design

- Identifying the design process to build a Horizon solution
- Deploy the Horizon reference architecture to deploy a Horizon solution
- Frame the process to define a use case
- Define use cases for a given business case study

4. Pool and Desktop Design

- Mapping use cases to Horizon instances and Horizon pools
- Create and deploy desktop pools for a given use case

- Identifying key virtual desktop performance tuning and Windows optimizations and their effects on Horizon performance
- Listing the key considerations for sizing hardware for a desktop virtual machine

5. Horizon Block and Pod Design

- Designing a Horizon desktop block and pod configuration for a given use case
- Identifying the components of a typical Horizon block and pod
- Outlining the relationships between Horizon management block components
- Configuring cloud pod architecture for multi-site pool access

6. VMware Infrastructure Design

- Identifying factors and design decisions that determine the sizing for VMware ESXi™ hosts
- Estimate and size CPU and memory requirements
- Outline the privileges that are required by an administrative user account
- Determine the design considerations for sizing network capacity

7. Storage Design

- Describe benefits of using tiered storage for linked-clone pools
- Determine factors that determine the sizing for shared storage
- Identify use cases and benefits of using persistent disks and disposable-files disks in linked-clone desktops
- Identify use cases and benefits of using View Storage Accelerator and VMware Virtual SAN™

8. Network and Security Design

- Describing the best practices for avoiding network congestion
- Identify use cases and benefits of using load balancing and traffic management
- Determine the design decisions related to bandwidth utilization
- Identify use cases and benefits of using firewalls for DMZ-based security servers

9. End-User Session and Device Design

- Identifying VMware best practices for Active Directory containers, groups, and Group Policy object policies in a Horizon solution
- Explore alternatives for managing user profiles
- Define benefits of using View Persona Management
- Identify client device characteristics and requirements

10. Deploying and Managing Applications

- Describing the importance of the application delivery mechanism
- Design and Create Remote Desktop Services farms and application pools to support the deployment of applications
- Determine which Horizon application tool should be used to accomplish which business objectives

Who Should Attend

The VMware vSphere fast track V6 training course is ideal for those working with the profiles of:

- Experienced system administrators
- System integrators working on Horizon solutions.

Pre Requisite

Required prerequisites include completion of one of the following:

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

Exams

VMware Certified Professional (VCP) [VCP6-DTM]

464, Udyog Vihar Phase
V, Gurgaon (Delhi
NCR)-122016, India

+91 8882 233 777

training@mercury.co.in

www.mercurysolutions.co

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