5 Days

# Horizon (with View): Install, Configure, Manage [V7]

VMware Horizon Install, Configure, & Manage [v7] training course renders elementary skills to candidates for creating virtual desktops and applications using a single virtual infrastructure. This course helps in to build knowledge to install, configure and manage Horizon 7 Administrator.

Through this certification course, the candidates can get the fundamental understanding of configuring and deploying a storehouse of virtual machines, managing security, and building a customized desktop environment for users.

Mercury Solutions provides a combination of the classroom environment and hands-on lab experience that help the candidates to validate the theoretical understanding in a practical environment. With the ease of applications and delivery of latest tools and technologies offered by VMware, Mercury Solutions create an exhaustive training environment that up-scales the skill set of the learner.

## Course Details

## Course Outline

**1. Course Introduction**

- Reviewing course goals
- Reviewing course objectives
- Reviewing the course outline
- Finding additional resources after this course

**2. Introduction to VMware Horizon**

- Recognizing the features and benefits of VMware Horizon
- Identifying the major function of each VMware Horizon component
- Defining a use case for your virtual desktop and application infrastructure

**3. View Connection Server**

- Identifying the VMware vSphere® requirements for a connection server
- Describing the network and firewall configurations for View Connection Server
- Licensing VMware Horizon components
- Configuring View Connection Server

**4. VMware Horizon Pools and Desktops**

- Outlining the process and choices in setting up VMware Horizon 7 virtual machines
- Comparing the remote display protocols that are available in VMware Horizon
- Listing the ports that must be opened in the machine's firewall for VMware Horizon operations
- Outlining the configuration choices when installing Horizon Agent
- Identifying the steps to set up a template for desktop pool deployment
- Listing the View Group Policy administrative (ADM) template files

**5. Horizon Client Options**

- Describing the requirements for a Horizon Client installation
- Explaining USB redirection and options
- Describing the power states for desktops
- Discussing the benefits of Virtual Printing
- Explain the Virtual Printing architecture
- Describing the configuration options for Virtual Printing
- Explaining the location-based printing feature

**6. Creating Automated Pools of Full Virtual Machines**

- Recognize how an automated pool operates
- Comparing dedicated-assignment and floating-assignment pools
- Outlining the steps to create an automated pool
- Examining the entitlement of desktops in automated pools

**7. Creating and Managing Linked-Clone Desktops**

- Describing the VMware linked clone technology
- Outlining the system requirements for View Composer
- Describing the relationship between a persistent disk and the system disk
- Comparing the purpose of the parent and the replica virtual machines
- Comparing the linked-clone management operations
- Describing the management operations for persistent disks

**8. Creating and Managing Instant-Clone Pools**

- Identifying the advantages of instant clones
- Distinguishing View Composer clones from instant clones
- Identifying the requirements of instant clones
- Describing the types of instant-clone virtual machines
- Describing instant-clone limitations in VMware Horizon 7
- Describing the creation of instant clones
- Setting up an automated pool of instant clones

**9. Creating RDS Desktop and Application Pools**

- Explaining the difference between an RDS desktop pool and an automated pool
- Describing how a user can access a single application by using the RDS application pool
- Creating an RDS desktop pool and an application pool
- Describing the load-balancing options for RDS hosts

**10. VMware Horizon 7 Authentication**

- Comparing the authentication options that View Connection Server supports
- Describing the purpose of TrueSSO single sign-on
- Identifying TrueSSO single sign-on components

**11. Managing VMware Horizon Security**

- Comparing tunnels and direct connections for client access to desktops
- Comparing the benefits of using either VMware Horizon Security Server or Access Point in the DMZ
- Listing the advantages of direct connections

**12. Profile Management Using User Environment Manager**

- Identifying the use cases and benefits of using User Environment Manager
- Describing User Environment Manager and its architecture
- Explaining the User Environment Manager functional areas and their benefits

- Explaining User Environment Manager profile management and its features

**13. Using App Volumes to Provision and Manage Applications**

- Explaining how App Volumes works
- Identifying the features and benefits of App Volumes
- Identifying the interface elements of App Volumes
- Install and configure App Volumes

**14. Command-Line Tools and Backup Options**

- Describing key View Connection Server features that are available as command-line options with the vdmadmin command
- Explaining the purpose of kiosk mode for client systems and how it is configured
- Identifying the log locations for each VMware Horizon component

**15. VMware Horizon Performance and Scalability**

- Describing the purpose of a replica server
- Comparing a replica server to a standard connection server
- Explaining how multiple VMware Horizon servers maintain synchronization
- Describing how a load-balancing capability might improve VMware Horizon performance

## Who Should Attend

This course is intended for technicians who are working in the IT departments of end-customer companies, or people who are responsible for the delivering remote or virtual desktop services.

## Pre Requisite

Candidates attending this course should carry at a minimum the following VMware infrastructure skills:

- Using VMware vSphere® Web Client to view the state of virtual machines, datastores, and networks
- Opening a virtual machine console on VMware vCenter Server® and access the guest operating system
- Creating snapshots of virtual machines
- Modifying virtual machine properties

## Exams

VMware Certified Professional (VCP) [VCP6-DTM]

VMware Certified Associate (VCA) [VCA]

NCR)-122016,India

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