

- * Course Introduction

- * Review course goals
- * Review course objectives
- * Review the course outline
- * Find additional resources after this course

- * Introduction to VMware Horizon

- * Recognize the features and benefits of VMware Horizon
- * Identify the major function of each VMware Horizon component
- * Define a use case for your virtual desktop and application

infrastructure

- * View Connection Server

- * Identify the VMware vSphere® requirements for a connection server
- * Describe the network and firewall configurations for View Connection

Server

- * License VMware Horizon components

- * Configure View Connection Server

- * VMware Horizon Pools and Desktops

- * Outline the process and choices in setting up VMware Horizon 7

virtual machines

- * Compare the remote display protocols that are available in VMware

Horizon

- * List the ports that must be opened in the machine's firewall for

VMware Horizon operations

- * Outline the configuration choices when installing Horizon Agent
- * Identify the steps to set up a template for desktop pool deployment
- * Describe how information on the Users and Groups page can be used to

control and monitor View users

- * Explain the hierarchy of global policies, pool-level policies, and

user-level policies

- * List the View Group Policy administrative (ADM) template files

* Horizon Client Options

- * Describe the requirements for a Horizon Client installation

* Explain USB redirection and options

* Describe the power states for desktops

* Define and compare a thin client with a system running Horizon Client

* Discuss the benefits of Virtual Printing

* Explain the Virtual Printing architecture

* Describe the configuration options for Virtual Printing

* Explain the location-based printing feature

* Creating Automated Pools of Full Virtual Machines

- * Recognize how an automated pool operates
- * Compare dedicated-assignment and floating-assignment pools
- * Outline the steps to create an automated pool
- * Examine the entitlement of desktops in automated pools

- * Creating and Managing Linked-Clone Desktops

- * Describe the VMware linked-clone technology
- * Explain why both a parent virtual machine and a snapshot must be used

to create linked clones

- * Outline the system requirements for View Composer
- * Describe the relationship between a persistent disk and the system

disk

- * Outline the steps necessary to set up an automated desktop pool that

uses linked clones

- * Compare the purpose of the parent and the replica virtual machines
- * Compare the linked-clone management operations
- * Describe the management operations for persistent disks

- * Creating and Managing Instant-Clone Pools

- * Identify the advantages of instant clones
- * Distinguish View Composer clones from instant clones
- * Identify the requirements of instant clones

- * Describe the types of instant-clone virtual machines
- * Explain how folders are used to delegate pool administration
- * Outline the steps to set up an automated pool that uses instant

clones

- * Describe instant-clone limitations in VMware Horizon 7
- * Describe the creation of instant clones
- * Set up an automated pool of instant clones

* Creating RDS Desktop and Application Pools

- * Explain the difference between an RDS desktop pool and an automated

pool

- * Describe how a user can access a single application by using the RDS

application pool

- * Describe the relationship between an RDS host, a farm, and an

application pool

- * Create an RDS desktop pool and an application pool

- * Explain how the View Composer linked-clone technology can automate

the build-out of RDS server farms

- * Describe the load-balancing options for RDS hosts

* VMware Horizon 7 Authentication

- * Compare the authentication options that View Connection Server

supports

- * Describe the purpose of TrueSSO single sign-on

- * Identify TrueSSO single sign-on components

- * Managing VMware Horizon Security

- * Compare tunnels and direct connections for client access to desktops

- * Compare the benefits of using either VMware Horizon Security Server or Access Point in the DMZ

- * Identify where the tunnel endpoints are in a security server or an Access Point implementation

- * Identify the tunnel endpoints when the security gateway is not used

- * Explain a direct connection

- * List the advantages of direct connections

- * Profile Management Using User Environment Manager

- * Identify the use cases and benefits of using User Environment Manager

- * Describe User Environment Manager and its architecture

- * Explain the User Environment Manager functional areas and their benefits

- * Explain User Environment Manager profile management and its features

- * Use the User Environment Manager management console and application profiler to manage user personalization and application configurations

- * Using App Volumes to Provision and Manage Applications

- * Explain how App Volumes works

- * Identify the features and benefits of App Volumes

- * Identify the interface elements of App Volumes

- * Install and configure App Volumes

- * Command-Line Tools and Backup Options

- * Describe key View Connection Server features that are available as command-line options with the vdmadmin command

- * Explain the purpose of kiosk mode for client systems and how it is configured

- * Explain why you might want to limit the domains that View Connection Server makes available to end users

- * Identify the log locations for each VMware Horizon component

- * VMware Horizon Performance and Scalability

- * Describe the purpose of a replica server

- * Compare a replica server to a standard connection server

- * Explain how multiple VMware Horizon servers maintain synchronization

- * List several best practices for multiserver deployment in a pod

- * Describe how a load-balancing capability might improve VMware Horizon