VMware® Horizon 7: Install, Configure, Manage

Schedule

Class Length: 5 Days

		G2R = "Guaranteed to Run" | OLL = "Online LIVE" ILT = "Instructor-Led-Training"			
05/08/17	G2R	3:00AM - 11:00AM	Hawaii, HI	OLL	$4,125.00
05/22/17	G2R	3:00AM - 11:00AM	Hawaii, HI	OLL	$4,125.00
06/05/17	G2R	4:00AM - 12:00PM	Hawaii, HI	OLL	$4,125.00
07/17/17	G2R	3:00AM - 11:00AM	Hawaii, HI	OLL	$4,125.00
08/14/17	G2R	3:00AM - 11:00AM	Hawaii, HI	OLL	$4,125.00
08/28/17	G2R	4:00AM - 12:00PM	Hawaii, HI	OLL	$4,125.00
09/11/17	G2R	3:00AM - 11:00AM	Hawaii, HI	OLL	$4,125.00
10/09/17	G2R	3:00AM - 11:00AM	Hawaii, HI	OLL	$4,125.00
11/06/17	G2R	4:00AM - 12:00PM	Hawaii, HI	OLL	$4,125.00
12/04/17	G2R	5:00AM - 1:00PM	Hawaii, HI	OLL	$4,125.00

Overview

This course gives students the skills to deliver virtual desktops & applications through a virtual desktop infrastructure (VDI) platform. This course builds the skills of installing, configuring, & managing VMware Horizon 7 through lecture & hands-on labs

Prerequisite Comments

Customers attending this course should have at a minimum the following VMware infrastructure skills: Use VMware vSphere® Web Client to view the state of virtual machines, datastores, and networks; Open a virtual machine console on VMware vCenter Server® and access the guest operating system; Create snapshots of virtual machines; Configure guest customization specifications; Modify virtual machine properties; Convert a virtual machine into a template; Deploy a virtual machine from a template. Attendees should have at a minimum the following Microsoft Windows system administration experience: Configure Active Directory services, including DNS, DHCP, and time synchronization; Restrict users' activities by implementing Group Policy objects; Configure Windows systems to allow Remote Desktop Connections; Build an ODBC connection to an SQL Server database

Target Audience

Technical personnel who work in the IT departments of the end-customer companies and people responsible for the delivery of remote or virtual desktop services.

Course Objectives

By the end of the course, you should be able to meet the following objectives:
Identify VMware Horizon components
Install and configure View Connection Server
Install and configure virtual desktops
Configure and manage VMware Horizon® Client™ systems
Configure and manage pools of physical and virtual machines
Configure and manage automated pools of full virtual machines
Configure and manage pools of linked-clone desktops
Configure and manage Remote Desktop Services (RDS) pools of desktops and applications

Use Horizon Administrator to configure the VMware Horizon environment
Configure secure access to virtual desktops
Use VMware User Environment Manager™ to manage user personalization and application
configurations
Describe steps to deploy Profile Management
Use VMware App Volumes™ to provision and manage applications
Manage the performance and scalability of a VMware Horizon deployment

Course Outline

Course Introduction

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

Introduction to VMware Horizon

Identify the purpose of a virtual desktop infrastructure
Recognize the features and benefits of VMware Horizon
Identify the major function of each VMware Horizon component

View Connection Server

Identify the types of servers associated with VMware Horizon
Access VMware Horizon
License VMware Horizon components
Configure View Connection Server

VMware Horizon Pools & Desktops

Outline the process and choices to set up VDI virtual machines:
Assign virtual CPUs and RAM
Create Windows 7, Windows 8.x, or
Windows 10 virtual machines
Configure VMware ESXi™ host virtual switches
Optimize the performance of virtual machines

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

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 & 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

Creating & Managing Instant-Clone Pools

Identify the advantages of instant clones
Distinguish View Composer clones from instant clones
Identify the requirements of instant clones
Outline the steps necessary to set up an automated pool that uses instant clones
Configure the additional steps that are required for instant clones

Creating RDS Desktop & 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

Advanced VMware Horizon Features

Describe the purpose of Horizon Administrator
Describe the objects that can be configured in the
Horizon Configuration pages, such as servers, administrators, and global settings
Explain how restricted entitlements can be used to control a user's access to pools
Compare the authentication and security options that View Connection Server supports

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Contact Us
info@newhorizons.com
www.NHawaii.com

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Managing VMware Horizon Security

Compare tunnels and direct connections for client access to desktops
Compare the benefits of using Horizon Security Server or Access Point in the DMZ
Identify where the tunnel endpoints are in a security server or 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 Enviroment Manager

Identify the use cases and benefits of using User Environment Manager
Prepare the infrastructure for User Environment Manager
Outline the steps that are required to install and configure the User Environment Manager components
Use User Environment Manager management console and application profiler to manage user personalization and application configurations

Using App Volumes to Provision & 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 & 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 & Scalability

Describe the purpose of a replica connection server
Compare a replica server to a standard connection server
Explain how multiple VMware Horizon servers maintain synchronization
List several best practices for multi-server deployment in a pod
Describe how a load-balancing capability might improve VMware Horizon performance

Technical

- Azure

- Cisco

- Dynamics CRM
- Exchange
- SharePoint
- Skype for Business
- SQL Server
- System Center
- Visual Studio
- Windows
- Windows Server

- Citrix
- Cloud and Big Data
- CompTIA
- IBM
- Info Security
- ITIL
- Red Hat
- VMware

Applications

- Office 365
- Access
- Excel
- One Note
- Outlook
- PowerPoint
- Project
- Publisher
- Visio
- Word

- Acrobat
- Captivate
- Dreamweaver
- Flash
- Illustrator
- InDesign
- Photoshop
- Crystal Reports
- QuickBooks

Business

- Business Analysis
- Business Skills
- Project Management
- Six Sigma

Get in Touch

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