

VMware Horizon 7: What's New

Course Overview

This three-day, hands-on course gives you the skills to upgrade from VMware Horizon® 6 to VMware Horizon® 7. It also introduces the new features in VMware Horizon 7 that enable you to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. In addition to performing an upgrade, you will use many of the new features available in VMware Horizon 7 to instantly provision virtual and remote desktops and applications.

Course Objectives

By the end of the course, you should be able to meet the following objectives:

- Identify the versions of VMware Horizon components
- Upgrade View Connection Server to VMware Horizon 7
- Upgrade View Composer to VMware Horizon 7
- Upgrade VMware Horizon® Client™ systems to Horizon Client 4.6
- Upgrade Horizon Agent to Horizon Agent 7
- Describe the new features in VMware Horizon 7
- Configure and manage automated pools of instant clones
- Use VMware User Environment Manager™ to manage user personalization and application configurations
- Describe how to deploy profile management
- Use VMware App Volumes™ to provision and manage applications
- Troubleshoot upgrade issues

Target Audience

Technical IT personnel responsible for the delivery of remote or virtual desktops, applications, and services

Prerequisites

Customers attending this course should have attended the [VMware Horizon \(with View\): Install, Configure, Manage](#) course or have equivalent experience. Students must have experience managing a VMware Horizon deployment.

Certifications

Students with an expired VCP6-DTM certification may use this course to qualify for the course requirement for the VCP7-DTM certification

Course Delivery Options

- Classroom
- Live Online
- [Onsite](#)
- [On Demand](#)

Product Alignment

- VMware Horizon 7

Course Modules

1 Course Introduction

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

2 Evolution of VMware Horizon

- Recognize the new features and benefits of VMware Horizon 7
- Identify the major function of each VMware Horizon 7 component
- Compare the remote display protocols that are available in VMware Horizon

3 Upgrading to VMware Horizon 7

- Outline the steps to upgrade to VMware Horizon 7
- Describe how to upgrade View Connection Server, View Composer, Horizon Client, and Horizon Agent
- Describe the licensing for VMware Horizon 7
- Identify the new features in VMware vSphere® 6.5

4 Creating and Managing Instant-Clone Desktop Pools

- Describe instant clones
- 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

5 Managing VMware Horizon Security

- Compare tunnels and direct connections for client access to desktops
- Compare the benefits of using either Horizon Security Server or VMware Unified Access Gateway™ in the DMZ
- Identify the tunnel endpoints when the security gateway is not used
- Explain a direct connection
- List the advantages of direct connections

6 Profile Management Using User Environment Manager

- Identify the use cases and benefits of using User Environment Manager
- Preparing infrastructure for User Environment Manager
- Outline the steps to install and configure User Environment Manager components
- Use User Environment Manager Management Console and Application Profiler to manage user personalization and application configurations

7 Creating RDS Desktop and Application Pools

- Explain the difference between a Remote Desktop Services (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 View Composer linked-clone technology can automate the build-out of RDS server farms
- Describe the load-balancing options for RDS hosts

8 Using App Volumes to Provision and Manage Applications

- Explain how App Volumes works
- Identify the features and benefits of App Volumes



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- Identify the interface elements of App Volumes
- Install and configure App Volumes

9 Troubleshooting an Upgrade

- Describe Horizon Help Desk Tool
- Describe tools that can be used to help when an upgrade fails
- Describe common failures that can occur during an upgrade
- Identify the log locations for each VMware Horizon component
- Describe how to upload logs to VMware Support



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