



VMware Horizon 7: Install, Configure, Manage plus App Volumes Fast Track

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This intensive five-day, extended-hours course gives you the skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. This course builds your skills in installing, configuring, and managing VMware Horizon® 7 through a combination of lecture and hands-on labs.

You learn how to configure and deploy pools of virtual machines and how to manage access and security of the machines. You also gain skills in application management using VMware App Volumes™ and VMware User Environment Manager™. You learn how to use App Volumes to deliver applications and data to desktops and users in seconds and at scale, managing application lifecycles from installation to update and replacement. You also learn how to use User Environment Manager to provide personalization and dynamic policy configuration across virtual, physical, and cloud-based environments to simplify end-user profile management.

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E-Book You will receive the documentation of VMware in English language as an e-book.

Target Group

Experienced system administrators and system integrators responsible for implementing desktop solutions.

Prerequisites

This course requires completion of the VMware vSphere: Install, Configure, Manage course or have the following skills and knowledge:

- 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
- Modify virtual machine properties
- Convert a virtual machine into a template
- Configure Active Directory services, including DNS, DHCP, and time synchronization
- System administration experience on Microsoft Windows or Linux operating systems

Status 03/08/2024

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.experteach-training.com/go/VHAV

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	5 Days	€ 5,195
Online Training	5 Days	€ 5,195
Dates upon request		



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1 Course Introduction

Review course objectives
Review the course outline

2 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

3 View Connection Server

Identify the system and virtualization requirements for a View Connection Server
License VMware Horizon components
Configure View Connection Server
Use the dashboard to quickly focus on the details of a problem
Identify the benefits of using the VMware Horizon Help Desk tool

4 VMware Horizon Desktops

Outline the process and choices in setting up VMware Horizon virtual machines
Compare the remote display protocols that are available in VMware Horizon
Outline the configuration choices when installing Horizon Agent

5 VMware Horizon Desktop Pools

Identify the steps to set up a template for desktop pool deployment
List the steps to add desktops to the View Connection Server inventory
Define desktop entitlement
Describe how information on the Users and Groups page can be used to control and monitor Horizon users
Explain the hierarchy of global policies, pool-level policies, and user-level policies
List the Horizon Group Policy administrative template files

6 Horizon Client Options

Enlist the requirements for a Horizon Client installation
Install Horizon Client and connect to a virtual desktop
Explain USB redirection and options
Define and compare a thin client with a system running Horizon Client
Configure Virtual Printing for location-based printing

7 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

8 Creating and Managing Linked-Clone Desktop Pools

Describe the VMware linked-clone technology
Enlist the system requirements for View Composer
Outline the steps to install View Composer
Outline the steps necessary to set up a desktop pool that uses linked clones
Compare the purpose of the parent and the replica virtual machines
Compare the recompose, refresh, and rebalance management operations for linked clones
Describe the management operations for persistent disks

9 Creating and Managing Instant-Clone Desktop Pools

Identify the advantages of instant clones
Differentiate between View Composer linked clones and instant clones

Identify the types of instant-clone virtual machines
Enlist the requirements of instant clones
Outline the steps to set up an automated pool that uses instant clones
Set up an automated pool of instant clones
Update the image of an instant clone desktop pool using the push image operation

10 VMware Horizon Authentication and Certificates

Compare the authentication options that View Connection Server supports
Explain the purpose of roles and privileges in VMware Horizon
Outline the steps to create a Horizon administrator and a custom role
List some of the best practices for configuring Horizon administrators
Configure Horizon Server to Use a New TLS Certificate

11 Managing VMware Horizon Security

Compare tunnels and direct connections for client access to desktops
Compare the benefits of using VMware Unified Access Gateway™ in the DMZ
List the advantages of direct connections
Discuss the benefits of using Unified Access Gateway
List the two-factor authentication options that are supported by Unified Access Gateway
Configure a Unified Access Gateway Appliance

12 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
Identify the log locations for each VMware Horizon component
Describe the backup options for VMware Horizon databases

13 VMware Horizon Performance and Scalability

Describe the purpose of a replica server
List several best practices for multiserver deployment in a pod
Describe the benefits of the Cloud Pod Architecture feature for large-scale VMware Horizon deployments
Establish a session with a desktop machine in a different pod by logging in to a local View Connection Server instance
Create global entitlements for accessing Horizon Desktops

14 JMP and Horizon 7 Overview

Identify the benefits of JMP
Enlist the JMP and Horizon 7 components
Identify JMP deployment considerations
Install and configure JMP Server
Leverage Smart Policy on the VMware Horizon 7 Platform

15 Overview of Application and Profile Management

Identify the use cases and benefits of Just-in-Time Management Platform
Identify the use cases and benefits of App Volumes
Identify the use cases and benefits of User Environment Manager
Identify the use cases and benefits of VMware ThinApp®

16 Overview of User Environment Manager

Describe the architecture and operation of User Environment Manager
Identify the use cases and benefits for User Environment Manager

Identify the components of User Environment Manager
Identify the benefits of Application Configuration

17 Installation of User Environment Manager

Recognize the User Environment Manager Agent (FlexEngine) requirements
Define the User Environment Manager installation procedure
Use NoAD Mode to configure User Environment Manager
Configure Group Policies
Configure Management Console

18 Management Console User Interface

Describe the capabilities of the primary tabs in the User Environment Manager - Management Console
Associate conditions with User Environment Manager settings and user environment settings
Use Application migration, Application Blocking, and Privilege Elevation

19 Creating RDS Desktop and Application Pools

Explain the difference between an RDS desktop pool and an automated pool
Access a single application by using the RDS application pool
Compare and contrast an RDS pool, a farm, and an application pool
Create an RDS desktop pool and an application pool
Identify the load-balancing options for Remote Desktop Session Hosts

20 Overview of App Volumes

Describe the architecture and operation of App Volumes
Explain the function of App Volumes Manager, App Volumes Agent, AppStack, and writable volume
Identify the major requirements to deploy App Volumes

21 App Volumes Installation Overview

Describe the installation sequence for the App Volumes Manager and the App Volumes Agent
Describe the App Volumes operation modes for AppStacks and writable volumes
Describe the basic configuration options and where these options are configured in the App Volumes Manager Web interface

22 Working with AppStacks

Create and provision AppStacks
Manage and update AppStacks
Best practices for AppStacks

23 Working with Writable Volumes

Describe the operation of a writable volume
Create, assign, and attach writable volume
Move, back up, and restore writable volumes

24 Application Configuration Management

Use predefined and user-customized application settings
Use Application Profiler
Use the Self-Support Tool
Use the Helpdesk Support Tool

