

VMware Horizon 8 – Infrastructure Administration

Description

This two-day, hands-on course gives you the skills to install and configure a virtual desktop infrastructure platform. This course builds your skills in installing and configuring VMware Horizon® through a combination of lecture and hands-on labs. You learn how to install and configure VMware Horizon® Connection Server™, VMware Unified Access Gateway™, how to configure a load balancer for use with Horizon, and how to establish Cloud Pod Architecture.

Classroom Registration Price (CHF)

1980

Virtual Classroom Registration Price (CHF)

1980

Course Content

Module 1: Course Introduction

- Lesson 1: Introductions and course logistics
- Lesson 2: Course objectives

Module 2: Horizon Connection Server

- Lesson 1: Recognize VMware Horizon reference architecture
- Lesson 2: Identify the Horizon Connection Server supported features
- Lesson 3: Identify the recommended system requirements for Horizon Connection Server
- Lesson 4: Configure Horizon event database
- Lesson 5: Outline the steps for the initial configuration of Horizon Connection Server
- Lesson 6: Discuss the ADAM database as a critical component of Horizon Connection Server installation

Module 3: VMware Horizon Authentication and Certificates

- Lesson 1: Compare the authentication options that Horizon Connection Server supports
- Lesson 2: Describe the Smartcard authentication options that Horizon Connection Server supports
- Lesson 3: Outline the steps to create a Horizon administrator and custom roles
- Lesson 4: Describe the roles available in a Horizon environment
- Lesson 5: Explain the role that certificates play for Horizon Connection Server
- Lesson 6: Install and configure certificates for Horizon Connection Server
- Lesson 7: Install and configure True SSO in a Horizon environment

Module 4: Workspace ONE Access & Virtual Application Management

- Lesson 1: Recognize the features and benefits of Workspace ONE Access
- Lesson 2: Recognize the Workspace ONE Access console features
- Lesson 3: Explain identity management in Workspace ONE Access
- Lesson 4: Explain access management in Workspace ONE Access
- Lesson 5: Describe the Workspace ONE Access directory integration
- Lesson 6: Describe the Workspace ONE Access directory integration
- Lesson 7: Deploy virtual applications with Workspace services

Module 5: VMware Horizon Performance and Scalability

- Lesson 1: Describe the purpose of a replica connection server
- Lesson 2: Explain how multiple Horizon Connection Server instances in a pod maintain synchronization
- Lesson 3: Describe the 3D rendering options available in Horizon 8
- Lesson 4: List the steps to configure graphics cards for use in a Horizon environment
- Lesson 5: Configure a load balancer for use in a Horizon environment
- Lesson 6: Explain Horizon Cloud Pod Architecture LDAP replication and VIPA
- Lesson 7: Explain Horizon Cloud Pod Architecture scalability options

Module 6: Managing VMware Horizon Security

- Lesson 1: Explain concepts relevant to secure Horizon connections
- Lesson 2: Describe how to restrict Horizon connections.
- Lesson 3: Discuss the benefits of using Unified Access Gateway
- Lesson 4: List the two-factor authentication options that are supported by Unified Access Gateway
- Lesson 5: List Unified Access Gateway firewall rules
- Lesson 6: Describe the situation in which you might deploy Unified Access Gateway instances with one, two, or three network interfaces

Lab / Exercises

- Official VMware Labs and exercises

Documentation

- Digital courseware included

Exam

- This course prepares you to the VMware Certified Professional – Desktop and Mobility 2020 (VCP-DTM 20202) exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- Administrators and architects for VMware Horizon

Prerequisites

- Know how to use VMware vSphere® Web Client to view the state of virtual machines, datastores, and networks
- Know how to open a virtual machine console on VMware vCenter Server
- Know how to create snapshots of virtual machines
- Know how to configure guest customization specifications
- Know how to modify virtual machine properties
- Know how to convert a virtual machine into a template
- Know how to deploy a virtual machine from a template

Objectives

- Identify Horizon Connection Server installation, architecture, and requirements.
- Describe the authentication and certification options for a Horizon environment
- Recognize the integration process and benefits of VMware Workspace ONE® Access™ and Horizon 8
- Discuss performance and scalability options available in Horizon 8

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- Describe different security options for the Horizon environment

Niveau

Intermédiaire

Duration (in Days)

2

Reference

VMW-HIA