VMware Horizon 8: Virtual Desktop BootCamp

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VMware Horizon® 8: Virtual Desktop BootCamp is a five-day combination course of VMware Horizon 8: Skills for Virtual Desktop Management and VMware Horizon 8: Virtual Desktop Troubleshooting. This training combination gives you the skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform.

You build skills in configuring and managing VMware Horizon 8 through a combination of lecture and hands-on labs. You learn how to configure and deploy pools of virtual machines and how to provide a customized desktop environment to end-users. Additionally, you learn how to resolve common issues that occur in a VMware Horizon environment.

You engage in a series of lab exercises to bring existing environment issues to resolution. The exercises mirror real-world troubleshooting use cases. These exercises equip learners with the knowledge and practical skills to manage typical challenges faced by virtual desktop administrators and operators.

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- Introduction to VMware Horizon
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- Troubleshooting VMware Horizon Linked Clone Desktops
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- Windows Client
- Ports and Protocols

E-Book Sie erhalten englischsprachige Unterlagen von VMware als E-Book.

Zielgruppe
Operators, administrators, and architects responsible for the creation, maintenance, or delivery of remote and virtual desktop services.

Voraussetzungen
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

Attendees should also have the following Microsoft Windows system administration experience:

- Configure Active Directory services, including DNS, DHCP, and time synchronization
- Restrict user activities by implementing Group Policy objects
- Configure Windows systems to enable Remote Desktop Connections
- Build an ODBC connection to an SQL Server database

Kursziel
VMware Horizon 8: Skills for Virtual Desktop Management is the first half of a two-course requirement for the following certification:

- VMware Certified Professional – Desktop and Mobility 2020 (VCP-DTM 2020)

VMware Horizon 8: Virtual Desktop Troubleshooting does not satisfy a course requirement for the VCP-DTM exam.

Stand 15.12.2023

Dieser Kurs im Web
Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.experteach.de/go/**VHVD**

Vormerkung
Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

Garantierte Kurstermine
Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

Ihr Kurs maßgeschneidert
Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Training		Preise zzgl. MwSt.
Termine in Deutschland	**5 Tage**	**€ 3.395,-**
Online Training	**5 Tage**	**€ 3.395,-**
Termine auf Anfrage		

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- **Introductions and course logistics**
- **Course objectives**

2 Introduction to VMware Horizon
- **Recognize the features and benefits of Horizon**
- **Describe the conceptual and logical architecture of Horizon**

3 Introduction to Use Cases
- **Convert customer requirements to use-case attributes**
- **Define a use case for your virtual desktop and application infrastructure**

4 vSphere for VMware Horizon
- **Explain basic virtualization concepts**
- **Use VMware vSphere® Client™ to access your vCenter Server system and VMware ESXi™ hosts**
- **Create, provision, and remove a virtual machine**

5 VMware Horizon Desktops
- **Create a Windows and a Linux virtual machine using vSphere**
- **Optimize and prepare Windows and Linux virtual machines to set up Horizon desktop VMs**

6 VMware Horizon Agent
- **Outline the configuration choices when installing Horizon Agent on Windows and Linux virtual machines**
- **Create a golden image for Windows and Linux Horizon desktops**

7 VMware Horizon Pools
- **Identify the steps to set up a template for desktop pool deployment**
- **List the steps to add desktops to the VMware Horizon® Connection Server™ inventory**
- **Compare dedicated-assignment and floating-assignment pools**
- **Outline the steps to create an automated pool**
- **Define user entitlement**
- **Explain the hierarchy of global, pool-level, and user-level policies**

8 VMware Horizon Client Options
- **Describe the different clients and their benefits**
- **Access Horizon desktop using various Horizon clients and HTML**
- **Configure integrated printing, USB redirection, and the shared folders option**
- **Configure session collaboration and media optimization for Microsoft Teams**

9 Creating and Managing Instant-Clone Desktop Pools
- **List the advantages of instant clones**
- **Explain the provisioning technology used for instant clone desktop pools**
- **Set up an automated pool of instant clones**
- **Push updated images to instant clone desktop pools**

10 Creating RDS Desktop and Application Pools
- **Explain the difference between an RDS desktop pool and an automated pool**
- **Compare and contrast an RDS session host pool, a farm, and an application pool**
- **Create an RDS desktop pool and an application pool**
- **Access RDS desktops and application from Horizon Client**
- **Use the instant clone technology to automate the build-out of RDSH farms**
- **Configure load-balancing for RDSHs on a farm**

11 Monitoring VMware Horizon
- **Monitor the status of the Horizon components using the Horizon Administrator console dashboard**
- **Monitor desktop sessions using the HelpDesk tool**

12 Overview of Virtual Desktop and Application Virtualization Troubleshooting
- **Identify VMware Horizon architecture and supportability using VMware Documentation**
- **Apply systematic troubleshooting methods to logically diagnose faults by collecting valid and accurate information regarding the environment and problems**
- **Identify the different approaches to take when a problem occurs and how to document them**

13 Command-Line Tools and Backup Options
- **Describe key Horizon Connection Server features that are available as CLI options with the vdmadmin command**
- **Identify and collect the log locations for each VMware Horizon component**
- **Describe the VMware Horizon backup and restore and its benefits**
- **Identify the Database reporting functionality and the steps to resolve inconsistencies**

14 Troubleshooting Machines and Desktops
- **Identify the information available in the Help Desk Tool**
- **Identify a variety of procedures to diagnose and fix problems that you encounter when you create and use machines and desktop pools**
- **Identify procedures you can follow to diagnose and fix problems while creating and using Linux desktops**

15 Troubleshooting Horizon Linked Clone Desktops
- **Describe the components that make up a Horizon desktop**
- **Explain how the View Agent Direct-Connection plug-In is useful for diagnosing problems**
- **Highlight the best practice for optimizing a VMware Horizon desktop**
- **Troubleshoot common problems with VMware Horizon desktops**

16 Troubleshooting Instant Clones
- **Discuss how instant clones are created**
- **Discuss what gets logged when an instant clone is created**
- **Discuss the keywords to look for in the logs when troubleshooting instant clones**
- **Discuss how to troubleshoot problems with instant clones**

17 Troubleshooting Horizon Client
- **Identify steps that you can follow to solve problems related to Windows Horizon Client**
- **Identify steps that you can follow to solve problems related to Linux Horizon Client**
- **Identify steps that you can follow to solve problems related to HTML Horizon Client**
- **Identify steps that you can follow to solve problems related to Mac Horizon Client**

18 Troubleshooting Common Client Connection Issues
- **Discuss the key ports and protocols used in Horizon Environment**
- **Discuss how to troubleshoot black screen problems**

19 Troubleshooting Device Redirection
- **List troubleshooting steps applicable to USB Redirection issue**
- **Discuss Nested RDSH Redirection**

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