

Szkolenie: HPE
VMware Horizon: Install, Configure, Manage



FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Tradycyjne	6400 PLN NETTO*	5 dni
Stacjonarne	Tablet CTAB	7000 PLN NETTO*	5 dni
Metoda dlearning	Tradycyjne	6400 PLN NETTO*	5 dni
Metoda dlearning	Tablet CTAB	7000 PLN NETTO*	5 dni

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Cel szkolenia:

This five-day, hands-on 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 will learn how to configure and deploy pools of virtual machines, how to manage access and security of the machines, and how to provide a customized desktop environment to end users.

Audience:

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

Upon completion of this training the participant will be able to:

- 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 automated pools of instant clones
- 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

Plan szkolenia:

- Course Introduction
 - Review course goals
 - Review course objectives
 - Review the course outline
 - Find additional resources after this course
- 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
- View Connection Server
 - Identify the VMware vSphere® requirements for a connection server
 - Describe the network and firewall configurations for View Connection Server
 - License VMware Horizon components
 - Configure View Connection Server
- VMware Horizon Pools and Desktops
 - Outline the process and choices in setting up VMware Horizon 7 virtual machines
 - Compare the remote display protocols that are available in VMware Horizon
 - List the ports that must be opened in the machine's firewall for VMware Horizon operations
 - Outline the configuration choices when installing Horizon Agent
 - Identify the steps to set up a template for desktop pool deployment
 - Describe how information on the Users and Groups page can be used to control and monitor View users
 - Explain the hierarchy of global policies, pool-level policies, and user-level policies
 - List the View Group Policy administrative (ADM) template files
- 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
- Discuss the benefits of Virtual Printing
- Explain the Virtual Printing architecture
- Describe the configuration options for Virtual Printing
- Explain the location-based printing feature
- 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 and 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
 - Outline the steps necessary to set up an automated desktop pool that uses linked clones
 - Compare the purpose of the parent and the replica virtual machines
 - Compare the linked-clone management operations
 - Describe the management operations for persistent disks
- Creating and Managing Instant-Clone Pools
 - 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
 - VMware
 - Describe instant-clone limitations in VMware Horizon 7
 - Describe the creation of instant clones
 - Set up an automated pool of instant clones
- Creating RDS Desktop and 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
- VMware Horizon 7 Authentication
 - Compare the authentication options that View Connection Server supports
 - Describe the purpose of TrueSSO single sign-on
 - Identify TrueSSO single sign-on components
- Managing VMware Horizon Security
 - Compare tunnels and direct connections for client access to desktops
 - Compare the benefits of using either VMware Horizon Security Server or Access Point in the DMZ
 - Identify where the tunnel endpoints are in a security server or an 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 Environment Manager
 - Identify the use cases and benefits of using User Environment Manager
 - Describe User Environment Manager and its architecture
 - Explain the User Environment Manager functional areas and their benefits
 - Explain User Environment Manager profile management and its features
 - Use the User Environment Manager management console and application profiler to manage user personalization and application configurations
- Using App Volumes to Provision and 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 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
 - 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 and Scalability
 - Describe the purpose of a replica server

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

Wymagania:

Before attending this course, students must have:

- 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 also have 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

Poziom trudności



Certyfikaty:

This course prepares you for the following certification:

- VMware Certified Professional 7 – Desktop and Mobility (VCP7-DTM)

The participants will obtain certificates signed by VMware (course completion).

Prowadzący:

Authorized VMware Trainer.