



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Skontaktuj się z nami

Email: szkolenia.ecs.pl@arrow.com
Phone: 12 616 43 00

Kod: **Czas trwania:** **Cena netto:**

VMW_VSAAW7 40 Hours (5 days) zł9,900.00

Description

This five-day course provides hands-on training to equip students with a range of skills: from performing routine VMware vSphere® 7 administrative tasks to complex vSphere operations and configurations. Through lab-based activities, students are immersed in real-life situations faced by VMBeans, a fictitious company. These situations expose students to real-life scenarios faced by companies that are building and scaling their virtual infrastructure.

This course uses scenario-based lab exercises and does not provide guided step-by-step instructions. To complete the scenario-based lab exercises, you are required to analyze the task, research, and deduce the required solution. References and suggested documentation are provided.

Approximately 90% of the class is application-focused and taught through labs. The course aligns fully with the VMware Certified Advanced Professional – Data Center Virtualization Deploy exam objectives.

Product Alignment

- VMware ESXi™ 7
- VMware vCenter Server 7

Cel szkolenia

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

- Enable cluster features and configure vSphere storage and networking
- Use host profiles to automate host configurations
- Use Cluster Quickstart to create a VMware vSAN™ enabled cluster
- Configure the VMware vCenter Server® identity provider
- Troubleshoot host connectivity and storage connectivity
- Perform lifecycle operations on vSphere components
- Implement security hardening guidelines to vSphere and virtual machines

Uczestnicy

- System administrators
- System engineer

Wymagania wstępne

This course requires the following prerequisites:

- Completion of [VMware vSphere: Optimize and Scale \[V7\]](#) course
- VMware Certified Professional – Data Center Virtualization (VCP-DCV) certification
- System administration experience on Microsoft Windows or Linux operating systems

Program szkolenia

- 1 Course Introduction
 - Introductions and course logistics
 - Course objectives
 - Introduction to fictitious company: VMBeans
- 2 Creating and Configuring Management Clusters
 - Enable cluster features that help to improve resource allocation and availability of virtual machines
 - Use standard virtual switches to create networking in a cluster
 - Recognize when to use VMware vSphere® vMotion®
 - Recognize requirements for using iSCSI
 - Identify the purpose of iSCSI multipathing
 - Select the appropriate vSphere storage types to meet requirements
 - Recognize when to configure ESXi NTP support
 - Recognize ESXi user account best practices
 - Configure ESXi host settings
 - Use host profiles appropriately
- 3 Creating and Configuring Production Clusters
 - Use Cluster Quickstart to create a vSAN enabled cluster
 - Configure advanced vSphere HA settings
 - Recognize the benefits of Active Directory Federation Services (ADFS)
 - Configure the vCenter Server identity provider
 - Assign specific permissions and roles to ADFS users
 - Recognize how Enhanced vMotion Compatibility benefits VM mobility
 - Perform a Cross vCenter Server Migration
 - Use content libraries to share virtual machine templates between sites
- 4 Troubleshooting vSphere and Backing Up Configurations
 - Troubleshoot ESXi connectivity issues
 - Troubleshoot iSCSI storage issues
 - Troubleshoot vSphere cluster resources
 - Troubleshoot VMware PowerCLI™ issues
 - Back up vCenter Server
- 5 Lifecycle Management
 - Troubleshoot upgrade-blocking issues
 - Increase logging levels on vCenter Server
 - Configure a VMware Tools™ shared repository
 - Upgrade vCenter Server
 - Upgrade ESXi
 - Upgrade VMware Tools
 - Upgrade Virtual Machine Compatibility
 - Work with VM placement rules
- 6 vSphere Security
 - Manage advanced virtual machine configurations
 - Configure a key management server
 - Encrypt virtual machines using vSphere VM encryption
 - Secure VMs in transit with encrypted vSphere vMotion
 - Identify and implement different ESXi CPU scheduler options
 - Apply security hardening guidelines to ESXi hosts
 - Replace vCenter Server certificates with trusted CA-signed certificates
 - Deploy a new vCenter Server instance
 - Reconfigure the primary network identifier for vCenter Server

Terminy

Na żądanie. [Prosimy o kontakt](#)

Dodatkowe informacje

Jeśli interesują Cię inne szkolenia tego producenta - skontaktuj się z nami.