

EDU-VSFT6 - VMware vSphere: Fast Track [V6]

Czas trwania:	Czas trwania: 5 dni / 40 godz.
Cena rynkowa:	7 900,00 zł
Cena promocyjna:	7 110,00 zł
Szkolenie autoryzowane:	Tak

Informacje o szkoleniu

This intensive, extended-hours course combines instructor training with hands-on labs to focus on how to install, configure, manage, and troubleshoot VMware vSphere® 6, including VMware ESXi® 6 and VMware vCenter Server® 6. This course combines the content of the VMware vSphere: Install, Configure, Manage course with troubleshooting skills needed for maintaining highly available and scalable vSphere environments. Students gain practical experience with these concepts through the completion of hands-on labs. Completion of this course satisfies the prerequisite for taking the VMware Certified Professional 6 – Data Center Virtualization (VCP6-DCV) exam. Students who complete this course can enroll in more advanced vSphere courses.

Benefits:

- Deploy an ESXi host and create virtual machines
- Deploy a vCenter Server instance or VMware vCenter® Server Appliance®
- Configure and manage the vSphere infrastructure with the VMware vSphere® Client® and the VMware vSphere® Web Client
- Configure virtual networks with vSphere standard switches
- Describe and use a content library
- Migrate virtual machines with VMware vSphere® vMotion®
- Use VMware vSphere® Storage vMotion® to migrate virtual machine storage
- Use VMware vRealize® Operations Manager® to identify and solve issues through analytics and alerts
- Manage VMware vSphere® High Availability and VMware vSphere® Fault Tolerance
- Use VMware vSphere® Replication® and VMware vSphere® Data Protection® to replicate virtual machines and perform data recovery
- Use VMware vSphere® Distributed Resource Scheduler® clusters to improve host scalability
- Use vSphere distributed switches to improve network scalability
- Use VMware vSphere® Update Manager® to apply patches

Target audience: New and experienced system administrators, systems engineers, and system integrators willing to work hard to achieve superior vSphere skills with minimal time away from the office.

Prerequisites: System administration experience on Microsoft Windows or Linux operating systems. Understanding of concepts presented in the VMware Data Center Virtualization Fundamentals course or VCA-DCV

certification.

Wymagania wst pne

Brak

Zagadnienia poruszane podczas szkolenia

- Course Introduction
- Introductions and course logistics
- Course objectives
- Configuring and Managing Virtual Storage
- Introduce storage protocols and device names
- Configure ESXi with iSCSI, NFS, and Fibre Channel storage
- Create and manage vSphere VMFS datastores
- Introduce VMware Virtual SAN datastores
- Troubleshoot virtual storageSoftware-Defined Data Center
- Introduce virtualization and vSphere components
- Explain the concepts of server, network, and storage virtualization
- Describe where vSphere fits into the cloud architecture
- Install and use vSphere user interfaces
- Describe the ESXi architecture and configure various ESXi settings
- Virtual Machine Management
- Use templates and cloning to deploy virtual machines
- Modify and manage virtual machines
- Create and manage virtual machine snapshots
- Perform vSphere vMotion and vSphere Storage vMotion migrations
- Create VMware vSphere (R) vAppT
- Describe the types of content libraries
- Troubleshoot virtual machines and snapshotsCreating Virtual Machines
- Introduce virtual machines, virtual machine hardware, and virtual machine files
- Deploy a single virtual machine
- Explain the importance of VMware ToolsT
- Describe how to import an OVF template
- Resource Management and Monitoring
- Introduce virtual CPU and memory concepts
- Describe methods for optimizing CPU and memory usage
- Configure and manage resource pools
- Use vCenter Server performance graphs and alarms to monitor resource usage
- Use vRealize Operations Manager to manage a software-defined data center
- Troubleshoot ESXi and vCenter Server
- VMware vCenter Server
- Introduce vCenter Server architecture
- Introduce vCenter Server Appliance
- Install and configure vCenter Server Appliance
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Use the vSphere Web Client

- ▣ Configure VMware vCenter Single Sign-On and VMware Platform Services Controller
- ▣ Manage vCenter Server inventory objects and licenses
- ▣ vSphere HA and vSphere FT
- ▣ Explain the vSphere HA architecture
- ▣ Configure and manage a vSphere HA cluster
- ▣ Set vSphere HA advanced parameters
- ▣ Enable vSphere FT on a virtual machine
- ▣ Describe vSphere Replication and vSphere Data Protection
- ▣ Troubleshoot vSphere HA
- ▣ Troubleshooting vSphere
- ▣ Use a structured approach to troubleshoot issues in vSphere
- ▣ Discuss options for running vSphere commands
- ▣ Locate and use important vSphere log files
- ▣ Host Scalability with vSphere DRS
- ▣ Describe the functions of a vSphere DRS cluster
- ▣ Create a vSphere DRS cluster
- ▣ View information about a vSphere DRS cluster
- ▣ Troubleshoot vSphere DRS clusters
- ▣ Configuring and Managing Virtual Networks
- ▣ Describe, create, and manage a standard switch
- ▣ Describe and modify standard switch properties
- ▣ Describe the NIC teaming of a standard switch port group
- ▣ Describe, create, and manage a distributed switch
- ▣ Troubleshoot virtual networking
- ▣ vSphere Update Manager and Host Maintenance
- ▣ Describe, install, and configure vSphere Update Manager
- ▣ Describe and use host profiles
- ▣ Use baselines and remediate ESXi hosts
- ▣ Perform patch managementware vSphere: Fast Track
- ▣ Installing vSphere Components
- ▣ Describe how to install ESXi interactively
- ▣ Identify the basic requirements for an ESXi host to boot from SAN
- ▣ Identify system requirements to install vCenter Server
- ▣ Install vCenter Server on a supported Windows system

Informacje dodatkowe

<p>Szkolenia VMware organizowane s przy wsp´łpracy z Avnet Academy – centrum szkoleniowego posiadaj cego status VATC - VMware Authorized Training Center</p>

Typy szkolenia

Tradycyjne

Asseco | Zdalna klasa

Asseco | Wirtualna klasa

Wicej informacji:

Zadzwo 801 30 30 30 lub napisz szkolenia@assecods.pl