Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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VMware vSphere: Operate, Scale and Secure [V8]

Kód:	DÉLKA:	CENA:
VMW_VSOSS8	40 Hours (5 DENNÍ)	Kč bez DPH 52,000.00

Description

Tento pětidenní kurz vás naučí pokročilým dovednostem pro konfiguraci a údržbu vysoce dostupné a škálovatelné virtuální infrastruktury. Prostřednictvím kombinace přednášek a praktických cvičení budete konfigurovat a optimalizovat funkce VMware vSphere 8, které vytvářejí základ pro skutečně škálovatelnou infrastrukturu. Proberete také, kdy a kde mají tyto funkce největší efekt. Navštivte tento kurz, abyste prohloubili své znalosti o vSphere a dozvěděli se, jak mohou být její pokročilé funkce a ovládací prvky přínosné pro vaši organizaci.
Product Alignment
• VMware ESXi 8.0
• VMware vCenter 8.0

Cíle

By the end of the course, you should be able to meet the following objectives:
• Configure and manage a VMware Tools Repository
• Configure vSphere Replication and recover replicated VMs
• Manage VM resource usage with resource pools
• Configure and manage vSphere networking and storage for a large and sophisticated enterprise
• Configure vCenter High Availability
• Use host profiles to manage VMware ESXi host compliance
• Use the vSphere Client to manage certificates
• Monitor the vCenter, ESXi, and VMs performance in the vSphere client
• Secure vCenter, ESXi, and VMs in your vSphere environment
• Use VMware vSphere Trust Authority to secure the infrastructure for encrypted VMs
• Use Identity Federation to configure the vCenter to use external identity sources

Určeno pro

• Experienced system administrators, system engineers, and system integrators

Vstupní znalosti

Attending this course meets the training requirement to achieve the following certification:
• Attend VMware vSphere: Install, Configure, Manage [V8]
• Equivalent knowledge and administration experience with ESXi and vCenter

Program

1 Course Introduction
• Introductions and course logistics
• Course objectives
2 Virtual Machine Operations
• Recognize the role of a VMware Tools Repository
• Configure a VMware Tools Repository
• Recognize the backup and restore solution for VMs
• Identify the components in the vSphere Replication architecture
• Deploy and configure vSphere Replication
• Recover replicated VMs
3 vSphere Cluster Operations
• Create and manage resource pools in a cluster

• Describe how scalable shares work
• Describe the function of the vCLS
• Recognize operations that might disrupt the healthy functioning of vCLS VMs
4 Network Operations
• Configure and manage vSphere distributed switches
• Describe how VMware vSphere Network I/O Control enhances performance
• Explain distributed switch features such as port mirroring and NetFlow
• Define vSphere Distributed Services Engine
• Describe the use cases and benefits of vSphere Distributed Services Engine
5 Storage Operations
• Discuss vSphere support for NVMe and iSER technologies
• Describe the architecture and requirements of vSAN configuration
• Describe storage policy-based management
• Recognize components in the vSphere Virtual Volumes architecture
• Configure Storage I/O Control
6 vCenter and ESXi Operations
• Create a vCenter backup schedule
• Recognize the importance of vCenter High Availability
• Explain how vCenter High Availability works
• Use host profiles to manage ESXi configuration compliance
• Use the vSphere client to manage vSphere certificates
7 vSphere Monitoring
• Monitor the key factors that can affect a virtual machine's performance
• Describe the factors that influence vCenter performance
• Use vCenter tools to monitor resource use
• Create custom alarms in vCenter
• Describe the benefits and capabilities of VMware Skyline
• Recognize uses for Skyline Advisor Pro
8 vSphere Security and Access Control
• Recognize strategies for securing vSphere components, such as vCenter, ESXi hosts, and virtual machines
• Describe vSphere support for security standards and protocols
• Describe identity federation and recognize its use cases
• Configure identity federation to allow vCenter to use an external identity provider
9 vSphere Trusted Environments and VM Encryption
• Configure ESXi Host Access and Authentication
• Describe virtual machine security features
• Describe the components of a VM encryption architecture
• Create, manage, and migrate encrypted VMs
• List VM encryption events and alarms
• Describe the benefits and use cases of vSphere Trust Authority
• Configure vSphere Trust Authority

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.