



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 dní)	Kč 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

- 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
- 1 Course Introduction
 - Identify the components in the vSphere Replication architecture
- Introductions and course logistics
- Deploy and configure vSphere Replication
- Course objectives
- 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

Datum	Místo konání	Časové pásmo	Jazyk	Typ	Garance termínu	CENA
11 Dec 2023	Praha	CET	English	Classroom		Kč 52,000.00
21 Aug 2023	Praha	CEDT	English	Classroom		Kč 52,000.00
21 Aug 2023	Virtual Classroom	CEDT	English	Instructor Led Online		Kč 52,000.00
11 Dec 2023	Virtual Classroom	CET	English	Instructor Led Online		Kč 52,000.00

Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)