



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

Arrow ECS, a.s., 28. října 3390/111a, 702 00 Ostrava

Email: training.ecs.cz@arrow.com

Phone: +420 597 488 811

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.](#)