Enterprise Computing Solutions - Education Services

# NABÍDKA ŠKOLENÍ

**Prosím kontaktujte nás zde**

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# VMware vSphere: Troubleshooting [V7]

| Kód: | DÉLKA: | CENA: |
|---|---|---|
| VMW_VSTS7 | 40 Hours (5 DENNÍ) | Kč bez DPH 52,000.00 |

## Description

Tento pětidenní praktický kurz vám poskytuje pokročilé znalosti, dovednosti a schopnosti k dosažení kompetencí při řešení problémů s prostředím VMware vSphere® 7.x. Tento workshop zvýší vaše dovednosti a kompetence při používání rozhraní příkazového řádku, VMware vSphere® Client ™, souborů logů a dalších nástrojů pro analýzu a řešení problémů.
Cena školení je 2060 EUR bez DPH - tato cena bude při fakturaci přepočtena aktuálním kurzem.

## Cíle

By the end of the course, you should be able to meet the following objectives:
- Introduce troubleshooting principles and procedures
- Practice Linux commands that aid in the troubleshooting process
- Use command-line interfaces, log files, and the vSphere Client to diagnose and resolve problems in the vSphere environment
- Explain the purpose of key vSphere log files
- Identify networking problems based on reported symptoms, validate and troubleshoot the reported problem, identify the root cause and implement the appropriate resolution
- Analyze storage failure scenarios using a logical troubleshooting methodology, identify the root cause, and apply the appropriate resolution to resolve the problem
- Troubleshoot vSphere cluster failure scenarios and analyze possible causes
- Diagnose common VMware vSphere® High Availability problems and provide solutions
- Identify and validate VMware ESXi™ host and VMware vCenter Server® problems, analyze failure scenarios, and select the correct resolution
- Troubleshoot virtual machine problems, including migration problems, snapshot problems, and connection problems
- Troubleshoot performance problems with vSphere components

## Určeno pro

- System administrators
- System integrators

## Vstupní znalosti

This course requires completion of one of the following prerequisites:
- VMware vSphere: Fast Track [V6.x] or [V7]
- VMware vSphere: Install, Configure, Manage [V6.x] or [V7]
- VMware vSphere: Optimize and Scale [V6.x] or [V7]
- Equivalent knowledge and administration experience with ESXi and vCenter Server

Experience in working with a command-line interface is highly recommended.

## Program

1 Course Introduction
- Introductions and course logistics
- Course objectives

2 Introduction to Troubleshooting
- Define the scope of troubleshooting
- Use a structured approach to solve configuration and operational problems
- Apply a troubleshooting methodology to logically diagnose faults and improve troubleshooting efficiency

3 Troubleshooting Tools
• Use command-line tools (such as Linux commands, vSphere CLI, ESXCLI) to identify and troubleshoot vSphere problems
• Identify important vSphere log files and interpret the log file contents
4 Troubleshooting Virtual Networking
• Analyze and resolve standard switch and distributed switch problems
• Analyze virtual machine connectivity problems and fix them
• Examine common management network connectivity problems and restore configurations
5 Troubleshooting Storage
• Troubleshoot and resolve storage (iSCSI, NFS, and VMware vSphere® VMFS) connectivity and configuration problems
• Analyze and resolve common VM snapshot problems
• Identify multipathing-related problems, including common causes of permanent device loss (PDL) and all paths down (APD) events and resolve these problems
6 Troubleshooting vSphere Clusters
• Identify and recover from problems related to vSphere HA
• Analyze and resolve VMware vSphere® vMotion® configuration and operational problems
• Analyze and resolve common VMware vSphere® Distributed Resource Scheduler™ problems
7 Troubleshooting Virtual Machines
• Identify possible causes and resolve virtual machine power-on problems
• Troubleshoot virtual machine connection state problems
• Resolve problems seen during VMware Tools™ installations
8 Troubleshooting vCenter Server and ESXi
• Analyze and fix problems with vCenter Server services
• Analyze and fix vCenter Server database problems
• Examine ESXi host and vCenter Server failure scenarios and resolve the problems

## Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

## Dodatečné informace

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