VMware vSphere® - Troubleshooting Workshop v6.0

Prehľad

This hands-on training workshop provides students with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® 6 environment.

Vzdelávacie ciele

By the end of the course, you should gain a solid
understanding of the functionality in vSphere 6 and be able to meet the following objectives:
Use vSphere Web Client, the command-line interface, and logs to diagnose and resolve problems in the vSphere environment
Introduce troubleshooting principals and procedures
Troubleshoot networking issues and recover from them
Analyze storage failure scenarios and resolve the issues
Troubleshoot vSphere cluster failure scenarios and analyze possible causes
Diagnose common VMware vSphere® High Availability issues and provide solutions
Troubleshoot problems related to virtual machine migration (VMware vSphere® vMotion®) and improve resource use (VMware vSphere® Distributed Resource Scheduler™)
Troubleshoot vCenter Server issues
Identify ESXi host issues (analyze failure scenarios and correct them)
Troubleshoot faulty virtual machines, including installation issues, snapshot issues, connection issues, and more

Course Introduction

Understand the course objectives
Understand the scope and topics covered by the course
Become familiar with online technical resources
Become familiar with the VMware education system and certification tracks

Introduction to Troubleshooting

Identify the effects of a system problem
Define the troubleshooting scope
Use a structured approach
Understand the troubleshooting principals
Follow a logical troubleshooting procedure
Troubleshooting examples

Troubleshooting Tools

Use command-line tools to identify and troubleshoot problems
Use VMware vSphere® Management Assistant
Locate and interpret important log files
Export relevant log files for technical support
Use vRealize Log Insight for log aggregation and problem analysis
Use vRealize Log Insight for efficient log search

Online registrácia

Termíny

Trvanie kurzu (v dňoch): 5 Days

G2R = "Garantovaný termín" | OLL = "Online LIVE"
ILT = "Kurz vedený inštruktorom"

Pre tento kurz aktuálne nemáme plánované žiadne verejné termíny. Prosím, použite naše kontaktné infomácie a vyžiadajte si od nás ďalšie termíny školení pre verejné triedy, alebo nám zašlite vašu žiadosť o školenie v privátnej triede.

New Horizons Bratislava
Officehouse Business Center
Zámocká 30
811 01 Bratislava

Page 1 of 2

Kontaktujte nás
+420 234 656 185
marketing@newhorizons.sk
www.newhorizons.sk

Networking

Identify the symptoms of network-related problems
Analyze and resolve standard and distributed switch issues
Analyze virtual machine connectivity issues and restore them
Examine common management network connectivity issues and restore
configurations
Identify and prevent potential problems

Storage

Troubleshoot storage (iSCSI, NFS, VMFS, and VSAN) connectivity problems
Analyze hardware malfunction and software misconfiguration scenarios
Identify multipathing-related issues, including PDL and APD
Analyze possible causes, recover from the faulty conditions, and restore
storage visibility

vSphere Clusters

Identify and recover from vSphere HA related issues
Analyze and troubleshoot various types of vSphere vMotion issues related to
virtual machine migrations
Discuss and recover from vSphere DRS problems to achieve proper function
and balanced resource use
Examine vSphere cluster failure scenarios and possible solutions

vCenter Server and ESXi

Understand the vCenter Server and Platform Services Controller (PSC)
architecture in vSphere 6
Identify and resolve authentication issues
Troubleshoot VMware Certificate Authority (VMCA) and certificate store issues
Analyze and fix vCenter Server services issues
Examine ESXi host and vCenter Server failure scenarios and resolve the
issues

Virtual Machines

Analyze and resolve common virtual machine snapshot issues
Identify possible causes and resolve virtual machine power-on issues
Troubleshoot virtual machine connection state issues
Resolve problems seen during VMware Tools™ installations
Discuss content library and identify common misconfigurations
Examine failure scenarios and provide solutions

New Horizons Bratislava
Officehouse Business Center
Zámocká 30
811 01 Bratislava

Page 2 of 2

Kontaktujte nás
+420 234 656 185
marketing@newhorizons.sk
www.newhorizons.sk