

VMware vSphere: Troubleshooting

Kein Kursort verfügbar

Preis CHF: 4'600.00

Preis EUR: 3'818.00



Thema/Kursziel:

At the end of the course, you should be able to:

- Use the VMware vSphere Client and service console commands to configure or diagnose and rectify problems on ESX-Use the vSphere Client and the VMware vSphere Management Assistant (vMA) appliance to configure or diagnose and rectify problems on ESX and ESXi hosts-Use ESXi technical support mode to diagnose and rectify problems on ESXi-Create and use a network sniffer to capture and display virtual switch network traffic-Use the vSphere Client and command-line tools to troubleshoot VMware VMotion™, VMware Storage VMotion, VMware High Availability, VMware Distributed Resource Scheduler, and virtual machine power-on problems

Zielgruppen:

System administrators, systems engineers, and help desk personnel who need the knowledge, skills, and abilities to perform advanced troubleshooting of their vSphere deployments.

Kursinhalt:

- Module 1: Course Introduction
- Module 2: ESXi Command-Line Troubleshooting Methods
 - Install and use vMA
 - Learn common VMware vSphere Command-Line Interface commands and syntax
 - Configure ESXi technical support mode and SSH access
- Module 3: ESX, ESXi, and vCenter Server Log Files
 - View ESX, ESXi, and vCenter Server log files
 - Configure a centralized ESX/ESXi log host
- Module 4: Network Troubleshooting
 - Identify and configure vNetwork components
 - Configure and use a network traffic sniffer
- Module 5: Management Troubleshooting
 - Troubleshoot vSphere management components
- Module 6: Storage Troubleshooting
 - View, configure, and diagnose storage access problems
 - Configure iSCSI authentication and digests
- Module 7: VMotion Troubleshooting
 - Troubleshoot VMotion and Storage VMotion errors
- Module 8: VMware HA Cluster Troubleshooting
 - Troubleshoot errors with slot calculations, admission control, and host monitoring
- Module 9: DRS Cluster Troubleshooting
 - Troubleshoot errors with shares, pools, and limits
- Module 10: Virtual Machine Troubleshooting
 - Review power-on requirements
 - Troubleshoot virtual machine power-on failures
- Module 11: Graduation Lab

- Complete a final multihour, multiproblem troubleshooting exercise

Voraussetzungen:

This is an advanced course. Prerequisites include the completion of one of the following:

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 - Completion of the following three courses:

 - VMware vSphere: Install, Configure, Manage

 - VMware vSphere: Manage Availability

 - VMware vSphere: Manage Scalability
 - Completion of VMware vSphere: Fast Track
 - Equivalent knowledge and administration experience with ESX/ESXi and vCenter Server

Kursumgebung:

Kurssprache:

Die Kurssprache ist standardmässig deutsch. In Abstimmung mit den Kursteilnehmern kann der Kurs auch englisch erfolgen (z.B. für firmeninterne Kurse).

Kursdokumentation:

Eine ausführliche Dokumentation (Original VMware Unterlagen) in englischer Sprache wird den Teilnehmern abgegeben.

Dieser Kurs wird in Zusammenarbeit mit der Firma Magirus (www.magirus.ch) durchgeführt.