

VMW_VS55-TW

Längd: 5 dagar

VMware vSphere: Troubleshooting Workshop [5.5]

This hands-on training workshop provides you with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® environment. This workshop also increases your skill and competence in using the command-line interface to analyze problems. The workshop is based on VMware® ESXi™ 5.5 and VMware® vCenter Server™ 5.5.

Audience

- System administrators
- System integrators

Prior knowledge

Required prerequisites include completion of one of the following:

- VMware Certified Professional 5 – Data Center Virtualization (VCP5-DCV)
- VMware vSphere: Fast Track [V5.1]
- VMware vSphere: Optimize and Scale [V5.1]
- Equivalent knowledge and administration experience with ESXi and vCenter Server Experience working with a command-line interface is highly recommended.

Course Objectives

By the end of the course, you should gain an understanding of the functionality in vSphere 5.5 and be able to meet the following objectives:

- Use the VMware vSphere® Web Client, the command-line interface, and log files to diagnose and correct problems in vSphere
- Configure SSL certificates
- Troubleshoot networking issues
- Troubleshoot storage issues
- Troubleshoot vCenter Server issues
- Troubleshoot ESXi host issues
- Troubleshoot vSphere cluster issues
- Troubleshoot VMware vSphere® vMotion® issues
- Troubleshoot virtual machine issues

Content

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 Introduction to Troubleshooting

- Using a structured approach to troubleshooting

3 Troubleshooting Tools

- Adding the VMware vSphere® Management Assistant to an Active Directory environment
- Using commands to record information about your vSphere configuration
- Locating important log files
- Gathering log bundles for technical support

4 SSL Certificates

- Implementing SSL certificates for vCenter Server
- Implementing SSL certificates for ESXi

5 Networking

- Troubleshooting standard switch issues
- Troubleshooting virtual machine network connectivity issues
- Troubleshooting management network connectivity issues
- Troubleshooting distributed switch issues

6 Storage

- Troubleshooting LUN connectivity issues
- Troubleshooting multipathing issues

7 Cluster Management

- Troubleshooting vSphere cluster issues
- Troubleshooting vSphere vMotion issues

8 vCenter Server and ESXi

- Troubleshooting vCenter Server issues
- Troubleshooting ESXi host issues
- Troubleshooting Virtual Machines
- Troubleshooting virtual machine state issues
- Troubleshooting VMware® Tools™ installation issues
- Troubleshooting VMware snapshot issues
- Troubleshooting virtual machine power-on issues

