



VMware vSphere: Troubleshooting Workshop [V5.5] H6D07S

Course Overview

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. This course is 25% lecture and 75% hands-on lab.

Price	USD \$4,500
Links to local schedules, pricing and registration	US/Canada Mexico/Latin America Brazil
Course title	VMware vSphere: Troubleshooting Workshop [V5.5]
HP course #	H6D07S
Category	VMware
Duration	5 days

Audience

- System administrators
- System integrators

Prerequisites

Required prerequisites include completion of one of the following:

- VMware Certified Professional 5 – Data Center Virtualization (VCP5-DCV)
- 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

Course outline

Module 1: Course Introduction

- Introductions and course logistics
- Course objectives

Module 2: Introduction to Troubleshooting

- Using a structured approach to troubleshooting

Module 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

Module 4: SSL Certificates

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

Module 5: Networking

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

Module 6: Storage

- Troubleshooting LUN connectivity issues
- Troubleshooting multipathing issues

Module 7: Cluster Management

- Troubleshooting vSphere cluster issues
- Troubleshooting vSphere vMotion issues

Module 8: vCenter Server and ESXi

- Troubleshooting vCenter Server issues
- Troubleshooting ESXi host issues

Module 9: Virtual Machines

- Troubleshooting virtual machine state issues
- Troubleshooting VMware® Tools™ installation issues
- Troubleshooting VMware snapshot issues
- Troubleshooting virtual machine power-on issues

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