

# VMware vSphere: Troubleshooting [V7]

Price  
**\$4,625.00**

Duration  
**5 Days**

Delivery Methods  
**VILT, Private Group**



This five-day, hands-on training course provides you with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® 7.x environment. This workshop increases your skill and competence in using the command-line interface, VMware vSphere® Client™, log files, and other tools to analyze and solve problems.

## Agenda

### 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

**This class is not currently scheduled.**

[Contact us and we will help you get the training you need!](#)

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