

VMware vSAN: Troubleshooting [V7]

Price
\$1,700.00

Duration
2 Days

Delivery Methods
VILT, Private Group



In this two-day course, you focus on learning the tools and skills necessary to troubleshoot VMware vSAN 7 implementations. You gain practical experience with vSAN troubleshooting concepts through the completion of instructor-led activities and hands-on lab exercises. Product Alignment VMware ESXi 7 VMware vCenter Server 7 VMware vSAN 7 Objectives: By the end of the course, you should be able to meet the following objectives: Describe the software components of vSAN and their roles Diagram how the components relate to each other Use Skyline Health to investigate and help determine failure conditions Use the command-line tools to help determine failure conditions

Agenda

1 - COURSE INTRODUCTION

- Introductions and course logistics
- Course objectives

2 - VSAN ARCHITECTURE

- Describe the vSAN architecture and components
- Describe the policy-driven, object-based vSAN storage environment
- Describe the CLOM, DOM, LSOM, CMMDS, and RDT vSAN software components
- Explain the relationship between objects and components
- Determine how specific storage policies affect components
- Describe component placement

3 - TROUBLESHOOTING METHODOLOGY

- Use a structured approach to solve configuration and operational problems

This class is not currently scheduled.

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

- Apply troubleshooting methodology to logically diagnose faults and optimize troubleshooting efficiency

4 - TROUBLESHOOTING TOOLS

- Discuss VMware Skyline Health and the associated service
- Describe the use of VMware Skyline Health to identify and correct problems in VMware vSAN
- Apply information presented by vSAN Health online towards problem-solving
- Use vsantop to view vSAN performance metrics
- Discuss the ways to run commands from the vCenter Server and ESXi command lines
- Discuss the ways to access vSphere ESXi Shell
- Use commands to view, configure, and manage your vSphere environment
- Discuss the esxcli vsan namespace commands
- Discuss when to use Ruby vSphere Console (RVC) commands
- Explain which log files are useful for vSAN troubleshooting
- Use log files to help troubleshoot vSAN problems