VMware vSAN: Troubleshooting [V8]

Category: Infrastructure & IT Operations | **Vendor:** VMware

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This two-day, hands-on training course provides the knowledge to troubleshoot VMware vSAN™ clusters. In this course, you will learn the best practices to maintain a healthy vSAN environment and mitigate potential issues that may occur with operation of the software. You will learn the GUI and CLI vSAN monitoring and troubleshooting tools. The course provides a logical framework for a systematic troubleshooting approach. You will learn how to troubleshoot vSAN common issues with examples. The labs provided in the course simulate real-world problems to evaluate and enhance your troubleshooting skills.

Product Alignment

- VMware ESXi™ 8.0
- VMware vCenter Server® 8.0
- VMware vSAN 8.0

About This Course

Course Introduction

- Introductions and course logistics
- Course objectives

vSAN Best Practice and Problems Prevention

- Discuss the importance of vSAN planning and availability best practice
- Discuss vSAN networking best practice
- Discuss the importance of vSAN Data protection
- Understand the Data protection best Practice
- Discuss the importance of vSAN hardware compatibility
- Learn how to check hardware compatibility for vSAN
- List the factors that impact vSAN performance
- Learn how to benchmark vSAN performance
- Discuss the importance of Skyline Advisor
- Learn how to use Skyline Advisor

vSAN Monitoring and Troubleshooting tools

- Explain vSAN Skyline Health features
- Discuss the other vSAN cluster-level monitoring in the VMware vSphere® client
- Discuss vSAN host-level monitoring in the vSphere client
- Discuss vSAN VM-level monitoring in the vSphere Client
- Understand tasks and events views within the vSphere client
- Describe vSphere Alarms
- Learn how to use the CLI to find information about vSAN cluster

vSAN Best Practice and Problems Prevention

- Discuss the importance of vSAN planning and availability best practice
- Discuss vSAN networking best practice
- Discuss the importance of vSAN Data protection
- Understand the Data protection best Practice

- Discuss the importance of vSAN hardware compatibility
- Learn how to check hardware compatibility for vSAN
- List the factors that impact vSAN performance
- Learn how to benchmark vSAN performance
- Discuss the importance of Skyline Advisor
- Learn how to use Skyline Advisor

Troubleshooting Process

- Learn the recommended vSAN troubleshooting process
- Describe the PNOMA framework
- Learn how to troubleshoot vSAN common issues

Getting Support

- Discuss how to get further support from the community and the knowledge base articles
- Learn how to effectively contact VMware technical support

Troubleshooting Labs

- Enhance and test vSAN troubleshooting skills through labs

Who Should Attend

- Experienced system vSAN administrators
- Customers, cloud architects, systems engineers, data center administrators

Prerequisites & Entry Requirements

General Prerequisites:

Before taking this course, you must complete at least one of the following courses:

- VMware vSphere: Install, Configure, Manage [V8] (VSICM8)
- VMware vSAN: Install, Configure, Manage [V8] (VSANICM8)

You should also have understanding or knowledge of these technologies:

- Good understanding of storage concepts
- Good understanding of network concepts

Learning Outcomes

Upon successful completion of this course, participants will be able to:

By the end of the course, you should be able to meet the following objectives:

- Learn vSAN best practices for planning and availability
- Outline vSAN networking best practices
- Describe Skyline Advisor™ Pro
- Learn about vSAN Skyline™ Health
- Discuss vSAN monitoring and troubleshooting tools integrated within vSphere
- Outline the common vSAN troubleshooting commands
- Understand how to benchmark vSAN performance
- Identify factors which may impact vSAN performance
- Outline vSAN troubleshooting framework
- List the most common vSAN issues
- Learn how to troubleshoot vSAN common issues
- Discuss how to get further support from the VMware community and knowledge base articles
- Learn how to effectively contact VMware technical support
- Enhance and test vSAN troubleshooting skills through labs

Skills You Will Learn:

By the end of the course, you should be able to meet the following objectives:

- Learn vSAN best practices for planning and availability
- Outline vSAN networking best practices
- Describe Skyline Advisor™ Pro
- Learn about vSAN Skyline™ Health
- Discuss vSAN monitoring and troubleshooting tools integrated within vSphere
- Outline the common vSAN troubleshooting commands
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- List the most common vSAN issues
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Frequently Asked Questions

Q: What delivery options are available for VMware vSAN: Troubleshooting [V8]?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day VMware vSAN: Troubleshooting [V8] course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the VMware vSAN: Troubleshooting [V8] training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for VMware vSAN: Troubleshooting [V8]?

Yes, we provide corporate training, dedicated training, and closed classes for VMware vSAN: Troubleshooting [V8]. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: VMware vSAN: Troubleshooting [V8], VMware vSAN & SRM, VSANTS8

Q: Why choose Nexus Human for VMware vSAN: Troubleshooting [V8]?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your VMware vSAN: Troubleshooting [V8] training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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