



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Du kan nå oss här**

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## VMware vSAN: Troubleshooting [V7]

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
VMW_VSANT7	2 day(s)	Request Price

### Description

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.

### 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

### Audience

Storage and virtual infrastructure administrators who want to be able to perform initial troubleshooting on their software-defined storage with vSAN

### Prerequisites

- You must complete one of the following prerequisites:
- Understanding of concepts presented in the VMware vSphere®: Install, Configure, Manage [V7.0] course
  - Completion of the VMware vSAN: Deploy and Manage [V6.7] course or equivalent experience with vSAN
  - Experience working with command-line interfaces
- The course presumes that a student can perform the following tasks with no assistance or guidance before enrolling:
- Use VMware vSphere® Client™ for common operations
  - Create and manage VMware vCenter Server® objects, such as data centers, clusters, hosts, and virtual machines
  - Create and modify a standard switch • Modify a distributed switch • Create a VMware vSphere® VMFS datastore
  - Use a wizard or a template to create a virtual machine
  - Migrate a virtual machine with VMware vSphere® vMotion® and VMware vSphere® Storage vMotion®
- If you cannot complete all of these tasks, VMware recommends that you complete the VMware vSphere: Install, Configure, Manage and VMware vSAN: Deploy and Manage courses before enrolling in VMware vSAN: Troubleshooting.

### Programme

- 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 vSAN software components: CLOM, DOM, LSOM, CMMDS, and RDT
  - Explain the relationships between the 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
  - Apply troubleshooting methodology to logically diagnose faults and optimize troubleshooting efficiency 4 Troubleshooting Tools
  - Discuss the improvements and added capabilities in Skyline Health for vSAN
  - Use Skyline Health for vSAN to identify and correct issues in vSAN • Discuss the ways to run various command-line tools
  - Discuss the ways to access VMware 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

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
26 Sep 2022	Virtual Classroom (GMT+1)	CEDT	English	Classroom	Yes	Request Price

## Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)