



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

---

**Vous pouvez nous joindre ici**

Email: [training.ecs.fr@arrow.com](mailto:training.ecs.fr@arrow.com)  
Phone: 01 49 97 49 51



# VMware vSAN: Troubleshooting [V7]

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
VMW_VSANT7	2 Jours	€1,500.00

## 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.

## Objectifs

- 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

## Prérequis

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

## **Dates de session**

Sur demande. [Merci de nous contacter](#)

## **Informations Complémentaires**

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)