



Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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| CODE: | LENGTH: | PRICE: |
|------------|-------------------|-----------|
| VMW_VSANT7 | 16 Hours (2 days) | €1,650.00 |

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.

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

Aikataulutamme kiinnostuksen mukaan. [Ota yhteyttä](#)

Additional Information

[This training is also available as onsite training.](#) Please contact us to find out more.