Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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VMware vSAN: Troubleshooting [V7]

CÓDIGO:	**DURACIÓN:**	**Precio:**
VMW_VSANT7	16 Hours (2 días)	€830.00

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.

Product Alignment
• VMware ESXi™ 7
• VMware vCenter Server 7
• VMware vSAN 7

Objetivos

By the end of the course, you should be able to meet the following objectives:
• Describe the architectural components of vSAN and their roles
• Explain how the components interact with each other
• Explain the differences between object and component states
• Describe how to use Skyline Health to investigate and help determine failure conditions
• Explain how to use the command-line tools to help determine failure conditions

Público

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

Requisitos Previos

You must complete one of the following prerequisites:
• Understanding of concepts presented in the VMware vSphere®: Install, Configure, Managecourse
• Completion of the VMware vSAN: Deploy and Manage 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.

Programa

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
• 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

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.