

VMWARE VSAN: TROUBLESHOOTING [V7]





Advanced

Course Duration:

2 Days

Course Overview:

This two-day VMware vSAN: Troubleshooting [V7] training course from CloudThat teaches how to troubleshoot VMware vSAN 7 implementations. Candidates attending this course also learn the various vSAN troubleshooting concepts through interactive instructor-led activities and hands-on lab sessions.

By enrolling in our VMware vSAN: Troubleshooting [V7] training program, learners will acquire the necessary skills and knowledge to pass the final exam successfully. Candidates attending our training get access to the authored curriculum and can learn through engaging and interactive sessions delivered by VMware certified in-house trainers.







Product Alignment

- VMware ESXi 7
- VMware vCenter Server 7
- VMware vSAN 7

Prerequisites

Before taking this course, students should take the following courses or have equivalent knowledge and experience:

- VMware vSphere: Install, Configure, Manage
- VMware vSAN: Plan and Deploy
- VMware vSAN: Management and Operations

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

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

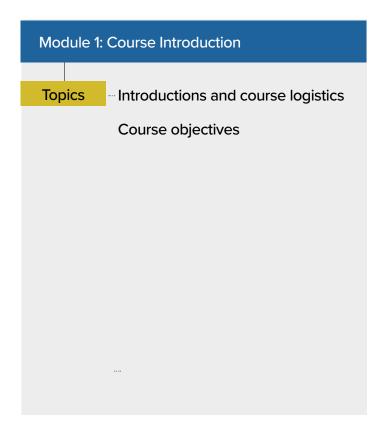
Describe how to use Skyline Health to investigate and help determine failure conditions

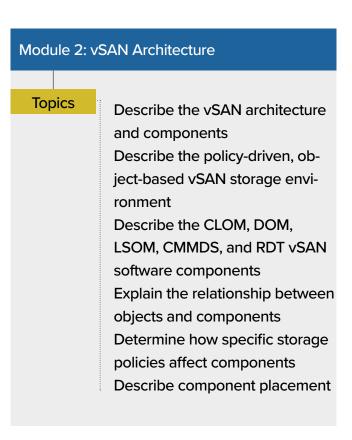
Explain how to use the command-line tools to help determine failure conditions

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Course Outline





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Module 3: Troubleshooting Methodology

Topics

Use a structured approach to solve configuration and operational problems

Apply troubleshooting methodology to logically diagnose faults and optimize troubleshooting efficiency

Module 4: Troubleshooting Tools

Topics

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

Who Should Enroll for this Course?

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

About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K+ IT professionals from fortune 500 companies on technologies such cloud, Artificial Intelligence, Machine Learning, IoT, OpenStack, OpenShift, DevOps, MongoDB, Big Data and more.

Through sheer dedication and excellence in the field of cloud training, CloudThat has recently being recognized as **VMware Authorized Training Reseller**. In addition, CloudThat is a proud Microsoft Gold Partner, AWS Advanced Consulting Partner, Google Cloud Platform Partner, and Databricks Partner. Recently, we have won the Microsoft Asia Superstar Campaign for India-2021 for being a global leader in providing cloud training and consultancy services with exemplary track record.

Our Success Track-

10+ Years of Experience

500K+
Professionals trained

100+

Corporates served

200+

Projects delivered

28+

countries catered

350+

Cloud certifications

To know more about our VMware certification training, email at sales@cloudthat.com or call us at +918880002200.