Course : VMware vSAN: Troubleshooting V8 (VSANTS8)

Official course, exam preparation 5V0-22.23

Practical course - 2d - 14h00 - Ref. MWX

With this training, you'll have the knowledge you need to troubleshoot VMware vSAN™ clusters. You'll learn best practices for maintaining a vSAN environment. You'll get to grips with the vSAN GUI and CLI monitoring and troubleshooting tools. This program provides a logical framework for a systematic troubleshooting approach. You will learn how to solve common vSAN problems using examples. The hands-on exercises provided in the course simulate real-life problems to assess and improve your troubleshooting skills.

Teaching objectives

At the end of the training, the participant will be able to:

- Discover vSAN best practices for planning and availability
- Describe best practices for vSAN networking
- Describe Skyline Advisor™ Pro
- Go deeper into vSAN Skyline™ Health
- Identify factors that can impact vSAN performance
- Understanding the vSAN troubleshooting framework
- List the most common vSAN problems
- Discover vSAN monitoring and troubleshooting tools integrated into vSphere
- Describe common vSAN troubleshooting commands
- Understand how to evaluate vSAN performance
- Learn how to solve common vSAN problems
- How to contact VMware technical support effectively
- Enhance and test vSAN troubleshooting skills with lab facilities

Intended audience

Administrateurs système vSAN expérimentés. Clients, architectes cloud, ingénieurs systèmes, administrateurs de centres de données

PARTICIPANTS

Administrateurs système vSAN expérimentés. Clients, architectes cloud, ingénieurs systèmes, administrateurs de centres de données

PREREQUISITES

Have attended at least one of these training courses: Ref. AMW (VSICM8) or Ref. MWQ (VSANICM8), and have a good understanding or knowledge of these technologies: storage and network concepts.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Prerequisites

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Certification

Successful completion of the 5V0-22.23: Advanced Deploy VMware vSphere 7.x. exam leads to VCAP-DCV Deploy 2023 certification (content: Content: Deployment, configuration and optimization of a VMware vSphere 7.x and 8.x infrastructure).

Comment passer votre examen ?

Practical details

Teaching methods

Training in French. Official course material in English and digital format. Good understanding of written English.

Course schedule

1 **Best practices and preventing vSAN problems**

- The importance of vSAN planning and availability best practices.
- vSAN networking best practices.
- The importance of vSAN data protection.
- Best practices in data protection.
- The importance of vSAN hardware compatibility.
- How to check hardware compatibility for vSAN
- Factors that can affect vSAN performance.
- How to evaluate vSAN performance.
- The importance of Skyline Advisor and how to use Skyline Advisor.

2 **vSAN monitoring and troubleshooting tools**

- vSAN Skyline Health features.
- The other is vSAN cluster-level monitoring in the VMware vSphere® Client.
- vSAN host-level monitoring in the vSphere Client.
- Monitoring at the vSAN virtual machine level in the vSphere Client.
- Understand task and event views in the vSphere Client.
- vSphere alarms.
- Use the CLI to search for vSAN cluster information

3 **vSAN troubleshooting process**

- The recommended vSAN troubleshooting process.
- The PNOMA framework.
- Comment résoudre les problèmes courants de vSAN.

4 **Getting help**

- Find out how to get additional support from the community and knowledge base articles.
- Find out how to contact VMware technical support efficiently

5 Troubleshooting laboratories

Hands-on work

Enhance and test vSAN troubleshooting skills with lab facilities.

Hands-on work

Enhance and test vSAN troubleshooting skills with lab facilities.