VMware vSAN: Troubleshooting [8.0] Training

Duration: **2 Day**

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Overview

This intensive two-day, hands-on {*training} equips experienced administrators with the knowledge and tools to diagnose and resolve issues in VMware vSAN 8.0 environments. By combining GUI and CLI techniques with real-world lab scenarios, participants will master systematic troubleshooting strategies and improve cluster reliability.

Prerequisites

Attendees should have completed one of the following:

- VMware vSphere: Install, Configure, Manage [V8]
- VMware vSAN: Install, Configure, Manage [V8]
  Additionally, a strong background in storage and networking is recommended.

Who Should Attend

- vSAN-savvy system administrators
- Cloud architects
- Data center operations teams

What You Will Learn

By the end of this {*training}, you will have gained knowledge and skills in the following areas:

- Apply vSAN planning, hardware, and network best practices
- Monitor cluster health using Skyline Advisor and Health
- Use vSphere GUI and CLI for detailed troubleshooting
- Execute performance benchmarks and interpret results
- Utilize the PNOMA (Plan–Network–Observe–Mitigate–Analyze) framework
- Identify and resolve common vSAN faults
- Engage with VMware's technical support ecosystem effectively

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Outline

Course Introduction & Objectives

Planning & Prevention Best Practices

- Infrastructure, availability, hardware checks

Monitoring Tools Overview

- Skyline Health, vSphere dashboards, CLI metrics

Structured Troubleshooting Process

- PNOMA methodology in action

Hands-On Labs

- Guided exercises simulating real-world vSAN issues