VMware vSAN: Install, Configure, Manage [V8] (VSANICM8)

ID VSANICM8 **Price** CHF 2,890.—(excl. VAT) **Duration** 4 days

Who should attend

Storage and virtual infrastructure consultants, solution architects, and administrators who are responsible for production support and administration of VMware vSAN 8.0.

This course is part of the following Certifications

VMware Certified Specialist – vSAN (VCS-VS)

Prerequisites

Equivalent knowledge or completion of the following course is required:

- VMware vSphere: Install, Configure, Manage [V8] (VSICM8)

Course Objectives

By the end of the course, you should be able to meet the following objectives:

- Describe vSAN concepts
- Detail the underlying vSAN architecture and components
- Explain the key features and use cases for vSAN
- Identify requirements and planning considerations for vSAN clusters
- Explain the importance vSAN node hardware compatibility
- Describe the different vSAN deployment options
- Explain how to configure vSAN fault domains
- Detail how to define and create a VM storage policy
- Discuss the impact of vSAN storage policy changes
- Detail vSAN resilience and data availability
- Describe vSAN storage space efficiency
- Explain how vSAN encryption works
- Detail VMware HCI Mesh™ technology and architecture
- Detail vSAN File Service architecture and configuration
- Describe how to setup a stretched and a two-node vSAN cluster
- Describe vSAN maintenance mode and data evacuation options
- Define the steps to shut down a vSAN cluster for maintenance
- Explain how to use proactive tests to check the integrity of a vSAN cluster
- Use VMware Skyline Health™ for monitoring vSAN health
- Use VMware Skyline Health to investigate and help determine failure conditions
- Discuss vSAN troubleshooting best practices
- Describe vSAN Express Storage Architecture concepts

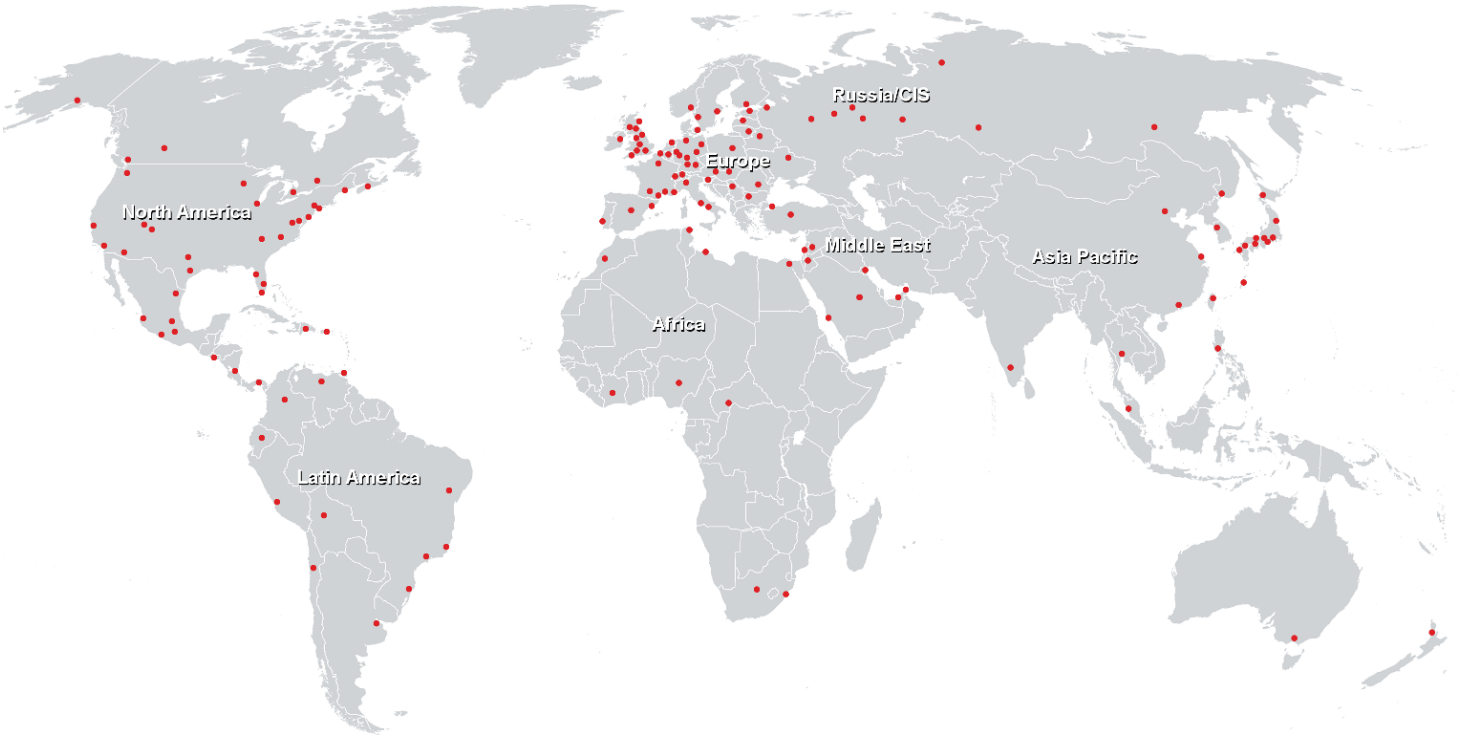
Course Content

- Course Introduction
- Introduction to vSAN
- Planning a vSAN Cluster
- Deploying a vSAN Cluster
- vSAN Storage Policies
- vSAN Resilience and Data Availability
- Managing vSAN Storage Space Efficiency
- vSAN Security Operations
- vSAN HCI Mesh
- vSAN File Services
- vSAN Stretched and Two Node Clusters
- vSAN Cluster Maintenance
- vSAN Cluster Monitoring
- vSAN Troubleshooting
- vSAN Express Storage Architecture

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