

# 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

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

## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

[info@flane.ch](mailto:info@flane.ch), <https://www.flane.ch>