

5 Days

VMware Virtual SAN: Deploy and Manage [V5.5]

This VMware training course emphasizes on managing and deploying a software-defined storage solution with VMware Virtual SAN 5.5. An important component for VMware® software-defined data center (SDDC) is Virtual SAN and this VMware training emphasizes on Virtual SAN concepts. Participants get hands-on practical experience of the concepts with the help of actual practice labs. This VMware training has its base on the VMware® vCenter Server™ 5.5 Update 1 and VMware® ESXi™ 5.5 Update 1 technologies.

Course Details

Course Outline

Course Introduction

- Introductions and course logistics
- Course objectives
- Course outline
- Identify benefits of the software-defined data center
- Storage Fundamentals Overview
- Define common storage terminology
- Identify common SAN architectures
- Identify characteristics of hard-disk drives and solid-state disk drives
- Explain file, block, and object-oriented storage architectures
- Contrast local, centralized, and distributed storage architectures
- Describe the Virtual SAN architecture
- Describe Virtual SAN objects and components
- Identify Virtual SAN capabilities
- Identify Virtual SAN use cases
- Identify the Virtual SAN network interconnect
- Configuring Networks and Clusters
- Configure a Virtual SAN network
- Configure a Virtual SAN cluster
- Storage Policy-Based Management
- Define the purpose of virtual machine storage policies
- Apply virtual machine storage policies
- Deploy virtual machines to Virtual SAN
- Modify virtual machine storage policies
- Managing and Monitoring
- Scale a Virtual SAN cluster
- Identify failure scenarios and responses
- Manage Virtual SAN with the VMware vSphere® Web Client
- Monitor Virtual SAN with Ruby vSphere Console (RVC)
- Manage Virtual SAN with RVC
- Monitor Virtual SAN with Virtual SAN Observer
- Designing and Planning
- Plan Virtual SAN cluster sizing
- Design a Virtual SAN cluster
- Identify Virtual SAN interoperability options

Who Should Attend

Storage and virtual infrastructure administrators who want to use software-defined storage with Virtual SAN

Pre Requisite

Storage administration experience on block or file storage devices • Understanding of concepts presented in the VMware vSphere®: Install, Configure, Manage course

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