

VSAN70-PD

VMware vSAN: Plan and Deploy [V7]

16 horas

Data Center Virtualization

VMware

INTRODUÇÃO

This two-day, hands-on training course provides you with the knowledge, skills, and tools to plan and deploy a VMware vSAN™ cluster. In this course, you are taught the many considerations that the vSAN configuration has on the initial planning of the vSAN datastore. You also manually configure a vSAN cluster.

This course is also available in an On Demand format. For more information, select this link: [VMware vSAN: Plan and Deploy \[V7\] - On Demand](#).

OBJETIVO DO CURSO

Objectives

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

- Explain the key features and use cases for vSAN
- Detail the underlying vSAN architecture and components
- Describe the different vSAN deployment options
- Detail vSAN cluster requirements and considerations
- Apply recommended vSAN design considerations and capacity sizing practices
- Explain the influence of vSAN objects and components on the initial cluster plan
- Determine and plan for storage consumption by data growth and failure tolerance
- Design vSAN hosts for operational needs
- Explain Maintenance Mode use and its impacts on vSAN
- Apply best practices for vSAN network configurations
- Manually configure a vSAN cluster using VMware vSphere® Client™
- Explain and configure vSAN fault domains
- Understand and apply vSAN storage policies
- Define encryption in the vSAN cluster
- Describe the architecture and use cases for stretched clusters
- Configure a stretched cluster
- Understand the steps involved in creating the vSAN iSCSI target services

PÚBLICO-ALVO

Audience profile

- Experienced VMware vSphere® administrators

PRÉ-REQUISITOS

Prerequisites

You should have the following understanding or knowledge:

- Understanding of concepts presented in the VMware vSphere: Install, Configure, Manage course
- Knowledge of basic storage concepts
- Experience using vSphere Client to perform administrative tasks on vSphere clusters

CONTEÚDO PROGRAMÁTICO

COURSE OUTLINE

- 1 Course Introduction
- 2 Introduction to vSAN
- 3 Planning a vSAN Cluster
- 4 Deploying a vSAN Cluster
- 5 vSAN Storage Policies
- 6 Introduction to Advanced vSAN Configurations
- 7 vSAN Stretched and Two-Node Clusters