Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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

CODE:	LENGTH:	PRICE:
VM-VSAN-DM-55	16 Hours (2 days)	$1,695.00

Description

- Formats: Classroom, Lab, Live Online - Length: 2 Days Overview: This training course focuses on deploying and managing a software-defined storage solution with VMware® Virtual SAN™ 5.5. This course looks at how Virtual SAN is used as an important component in the VMware® software-defined data center (SDDC). Students gain practical experience with these concepts through the completion of hands-on labs. The course is based on the VMware® ESXi™ 5.5 Update 1 and the VMware® vCenter Server™ 5.5 Update 1.

Objectives

• Define the key components of a software-defined data center • Identify benefits of software-defined storage solutions • Compare and contrast disk types and storage technologies • Explain file, block, and object-oriented storage • Identify Virtual SAN requirements, use cases, and architecture components • Plan and design a Virtual SAN deployment • Configure Virtual SAN clusters • Identify benefits of storage policy-based management • Scale a Virtual SAN deployment based on storage needs • Monitor Virtual SAN • Troubleshoot Virtual SAN • Identify the integration of Virtual SAN with the VMware product portfolio

Audience

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

Prerequisites

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

Programme

1 Course Introduction • Introductions and course logistics • Course objectives • Course outline • Identify benefits of the software-defined data center 2 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 3 Architecture • 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 4 Configuring Networks and Clusters • Configure a Virtual SAN network • Configure a Virtual SAN cluster 5 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 6 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 7 Designing and Planning • Plan Virtual SAN cluster sizing • Design a Virtual SAN cluster • Identify Virtual SAN interoperability options

Test and Certification

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Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.