VMware Virtual SAN: Deploy and Manage v5.5

Course Details

Course Outline

1. **Course Introduction**
   - Introductions and course logistics
   - Course objectives
   - Course outline
   - Identify benefits of the software-defined data center

2. **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

3. **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

4. **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

5. **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

6. **Designing and Planning**

   - Plan Virtual SAN cluster sizing
   - Design a Virtual SAN cluster
   - Identify Virtual SAN interoperability options

7. **Configuring Networks and Clusters**

   - Configure a Virtual SAN network
   - Configure a Virtual SAN cluster

8. **Labs**

   - You will spend approximately 45% of class in hands-on labs.