

## **VMware vSphere: Design [V8]**

### **1 Course Introduction**

- Introductions and course logistics
- Course objectives

### **2 Infrastructure Assessment**

- Describe various design framework principles
- Follow a proven process to design a virtualization solution
- Define customer business objectives and requirements
- Use a systematic method to evaluate and document a conceptual model
- Create a logical design from a conceptual model
- Recognize key information contained in the physical design

### **3 Designing for Manageability: Capacity Planning**

- Make capacity planning design decisions that adhere to business requirements
- Design capacity planning strategies that meet the needs of the vSphere environment and follow VMware best practices
- Calculate compute and storage requirements for the VMs in the vSphere environment

### **4 Designing for Manageability: Scalability**

- Make scalability design decisions that adhere to business requirements
- Design scalability strategies that meet the needs of the vSphere environment and follow VMware best practices

### **5 Designing for Manageability: Lifecycle Management**

- Make lifecycle management design decisions that adhere to business requirements
- Design lifecycle management strategies that meet the needs of the vSphere environment and follow VMware best practices

## 6 Designing for Availability

- Make availability design decisions that adhere to business requirements
- Design availability strategies that meet the needs of the vSphere environment and follow VMware best practices

## 7 Designing for Performance

- Make performance design decisions that adhere to business requirements
- Design performance strategies that meet the needs of the vSphere environment and follow VMware best practices

## 8 Designing for Security

- Make security design decisions that adhere to business requirements
- Design security strategies that meet the needs of the vSphere environment and follow VMware best practices

## 9 Designing for Recoverability

- Make recoverability design decisions that adhere to business requirements
- Design recoverability strategies that meet the needs of the vSphere environment and follow VMware best practices