VMWA-12 - VMWARE VSPHERE: DESIGN [V8]

Categoria: **VMware**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
3 Giorni	VMware	VMware Certified Instructor	Professionista IT	VMware

OBIETTIVI

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

- -Create a vSphere design given a case study
- -Identify and assess the business objectives of the vSphere environment
- -Identify business requirements, constraints, assumptions, and risks, for all layers in the vSphere environment
- -Apply a framework to a design
- -Analyze design choices for vCenter, ESXi, storage, networking, vSphere clusters, and virtual machines
- -Identify design decisions to ensure manageability, which include scalability, capacity planning and lifecycle management
- -Identify design decisions to ensure that the vSphere environment is highly available
- -Identify design decisions to ensure that the vSphere environment performs well
- -Identify design decisions to ensure that the vSphere environment is secure
- -Identify design decisions to ensure that the vSphere environment can recover from data loss or disaster

PREREQUISITI

This course requires completion of the one of the following:

- -VMware vSphere: Install, Configure, Manage
- -VMware vSphere: Operate, Scale, and Secure

CONTENUTI

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

INFO

Materiale didattico: Materiale didattico ufficiale VMware in formato digitale
Costo materiale didattico: incluso nel prezzo del corso a Calendario
Natura del corso: Operativo (previsti lab su PC)