VMWA-49 - VMWARE CLOUD FOUNDATION: SOLUTION ARCHITECTURE AND DESIGN [9.0]

Categoria: **VMware**

INFORMAZIONI SUL CORSO

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

OBIETTIVI

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

-Describe and apply an appropriate design framework.
-Apply a design process for gathering requirements, constraints, assumptions and risks.
-Understand VMware VCF constructs such as site, fleet and instance.
-Understand data center fabric needs to support VCF.
-Understand VCF storage and network design options.
-Design a single site single fleet deployment of VCF with recommended design options.
-Design management and workload domains with appropriate compute and storage resources.
-Design a consumption layer leveraging VCF Automation and Supervisor.
-Understand the day-2 operating model, operations metrics, and reporting needs of VCF.
-Understand future opportunities to extend the VCF platform with advanced services.

PREREQUISITI

CONTENUTI

Module 1 Course Introduction

-Introductions and course logistics
-Course objectives

Module 2. Architecture Frameworks and Models

-Architecture Frameworks
-Business Objectives
-Design Models

Module 3. VMware Cloud Foundation Overview

-VCF Design Blueprints and Use Cases
-Upgrade Overview
-License Management Overview

Module 4. VCF Fleet and Instance Design

- -Sites, Fleets and Instances
- -Management and Workload Domains
- -Designing Conceptual and Logical Designs
- -VCF Operations Platform Design

Module 5. Building the Physical Fabric and VCF Networking Design

- -Networking Fabric Design
- -VCF Networking Design

Module 6. Storage and vSAN Essentials

- -VCF Storage Overview
- -Storage Design Considerations

Module 7. Management Domain

- -Management Domain Design Overview
- -Management Domain Design Sizing Considerations
- -Management Domain Design Decisions
- -Storage Requirements for Management Workloads
- -Networking Requirements for Management Workloads
- -Platform-Based Protection Mechanisms

Module 8. Workload Domains

- -Workload Domain Design Overview
- -Cluster Design Overview
- -Storage Requirement for Workload Domains
- -Networking Requirements for Workload Domains
- -Security Design Considerations

Module 9. VCF AMPRS Considerations Summary

- -Designing for Availability
- -Designing for Manageability
- -Designing for Performance
- -Designing for Recoverability
- -Designing for Security

Module 10. VCF Consumption Design with VCF Automation and Supervisor

- -VCF Automation Overview
- -VCF Automation Tenancy Models
- -VCF Automation and Supervisor Components
- -VCF Automation and Supervisor Design Considerations

Module 11. Day 2 Operations with VCF

- -Day 2 Operations Overview
- -VCF Operations Overview and Metric/Dashboard Design
- -VCF Operations Key Metrics for Compute, Storage and Networks
- -VCF Operations for Networks Overview and Design

Module 12. VCF Upgrade Considerations

- -VCF Upgrade Overview
- -VCF Upgrade Key Considerations

Module 13. VCF Advanced Services

- -Introduction to Private AI
- -Introduction to VMware Live Recovery
- -Introduction to Advanced Security

INFO

Esame: 2V0-13.25 - VMware Cloud Foundation 9.0 Architect --- VMware Certified Professional - VMware Cloud Foundation Architect (VCP-VCF Architect)
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)