VMware Cloud Foundation: Solution Architecture and Design [9.0] Training

Duration: **5 Day**

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Overview

This five day course explores the architecture and design considerations for an initial deployment of VMware Cloud Foundation (VCF). The course explains the architecture framework and language, as well as design considerations for building, operationalizing, and consuming a VMware Cloud Foundation deployment. The scope of the course is centered on the core design considerations applicable to a VMware Cloud Foundation deployment in a single site.

Prerequisites

Before taking this course, students should take the following courses:

- VMware vSphere: Install, Configure, Manage
- VMware NSX: Install, Configure, Manage

Target Audience

This course is designed for:

- Technical and Solution Architects and Consultants who design enterprise-grade private cloud environments

What You Will Learn

By the end of this course, learners will be able to:

- 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.