

5 Days

VMware Cloud Automation: Design and Deploy Fast Track [V6.0]

This is an exhaustive training course that equips cloud administrators with the sound technicalities of designing and deploying enterprise models through the deployment of distributed architectures of VMware vRealize Automation.

This VMware Cloud automation design and deploy fast track V6.0 training course provides best practices of VMware in understanding the integration of VMware vCloud Air. The training will impart requisite knowledge to design and deploy standard machine and multi-machine templates, resident, and business group architectures, and apply design principles on enterprise clouds to bring operational efficiency.

Course Details

Course Outline

1. Course Introduction

- Course Outline
- Course Goals
- Course Objectives
- Introduction to course logistics

2. Design Principles

- Creating a logical design for an enterprise cloud
- Creating a conceptual design for an enterprise cloud
- Creating a design foundation for an enterprise cloud by identifying business requirements, typical business solutions, constraints, assumptions, and risks
- Deploy key Enterprise design principles to create a vSphere infrastructure for enterprise cloud

3. Security Infrastructure

- Design a certificate authority architecture
- Creating certificates for your vRealize Automation servers
- Create certificate signing requests for your vRealize Automation servers

4. vRealize Automation Distributed Architecture

- Designing and deploying the vRealize Automation solution that includes the related systems of vRealize Orchestrator and a single sign-on system, in a highly available, distributed architecture

5. Authority Role Architecture

- Designing either an Expanded or Compressed Authority role architecture for an enterprise cloud

6. Tenants and Business Groups

- Designing a business group architecture and optimum tenant for your enterprise cloud by using either a single tenant or a multi-tenant model

7. Enterprise Design

- Designing an enterprise cloud that is based on a multi-tiered architecture
- Designing vRealize Automation systems to provision requests for an enterprise cloud
- Designing naming standards in vRealize Automation to support your business group architecture and tenant
- Using machine prefixes to support your naming standard
- Designing an enterprise cloud with extensibility
- Manage your enterprise cloud

Who Should Attend

The VMware Cloud automation design and deploy fast track V6.0 training course is ideal for those working with the profiles of:

- System Integrators
- Cloud Administrators
- Operational Developers
- Experienced System Administrators

Pre Requisite

Required prerequisites include completion of one of the following:

- VMware vSphere: Install, Configure, Manage [V5.x, 6.x]
- VMware vRealize Automation: Install, Configure, Manage [v5.x, 6.x] Or equivalent knowledge

Exams

VMware Certified Professional (VCP) [VCP6-CMA]

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