



VMware vRealize Automation: Install, Configure, Manage [V6.2] H4S49S

This training course focuses on installing, configuring, and managing VMware vCloud® Automation Center™. This course covers the configuration and use of the vCloud Automation Center platform, including self-service provisioning and the creation of multivendor cloud services.

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Price USD \$4,100

Links to local schedules, pricing and registration [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # H4S49S

Category VMware

Duration 5 days

Audience

- Experienced system administrators, cloud administrators, system integrators and operational developers

Prerequisites

- VMware vSphere: Install, Configure, Manage [V5.x] or
- Equivalent knowledge

Course objectives

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

- Understand the vCloud Automation Center architecture and use case in today's multivendor cloud environments
- Install and configure vCloud Automation Center 6.0
- Deploy Distributed Execution Managers and agents for vCloud Automation Center connectivity
- Configure endpoints to support compute fabric connectivity
- Manage vCloud Automation Center 6.0 entities on VMware® hardware, third-party hardware, and cloud infrastructures
- Configure vCloud Automation Center infrastructure services
- Configure and manage tenants and blueprints
- Configure and manage a service catalog
- Configure and manage role-based access control
- Request and manage machines using the user portal
- Understand and configure vCloud Automation Center workflows
- Integrate VMware® vCenter™ Orchestrator™ with vCloud Automation Center
- Automate application provisioning with VMware vCloud® Application Director™
- Manage and monitor machines and resource reclamation
- Manage cost reporting with VMware® IT Business Management Suite™

Course outline

Module 1: Course Introduction

- Introductions and course logistics
- Course outline
- Course goals
- Course objectives

Module 2: Architecture and Components

- Identify the benefits of the software-defined data center
- Explore the architecture for deploying vCloud Automation Center as a cloud management platform for a multivendor hybrid cloud
- Identify the components of vCloud Automation Center
- Identify vCloud Automation Center design options
- Define network ports and protocols required for communication between vCloud Automation Center components
- Define the user interface elements of vCloud Automation Center
- Explain how vCloud

Module 3: Installation

- Explain the vCloud Automation Center installation prerequisites
- Identify the vCloud Automation Center appliances and component installers
- Define the vCloud Automation Center installation procedure

Module 4: Configuring IaaS

- Define relationships between vCloud Automation Center entities
- Identify and configure vCloud Automation Center endpoints
- Identify how vCloud Automation Center discovers compute resources
- Define the vCloud Automation Center roles
- Identify fabric groups, business groups, and reservations
- Create tenants
- Create and manage reservations for compute resources

Module 5: Blueprints and Catalog Services

- Create and manage single-machine and multimachine blueprints
- Manage service

Module 6: Provisioning Services

- Provision new machines and services
- Manage self-provisioned machines
- Create approval policies
- Identify approval policy levels and approval phases
- Use custom properties
- Use build profiles
- Use the property dictionary

Module 7: Extensibility

- Identify extensibility and customization options
- Use vCloud Automation Designer to edit an existing workflow
- Use vCenter Orchestrator
- Configure plug-ins for external integration

Module 8: Monitoring and Reclamation

- Identify and verify inactive and abandoned resources
- Manage machine leases
- Manage machine reclamation

Module 9: Operational Management

- Configure VMware® IT Business Management Suite™ Standard Edition
- Report financial data for a cloud infrastructure

Module 10: Managing Applications

- Define the role of vCloud Application Director
- Identify the vCloud Application Director infrastructure components and requirements
- Deploy and manage vCloud Application Director
- Configure application provisioning
- Create, manage, and update

Learn more at

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