

VMware vRealize Automation: Install, Configure, Manage

Delivery Methods

- Classroom
- Live-Online
- [Onsite](#)

Course Duration

- Five (5) days of instructor-led classroom training
- 60% lecture, 40% hands-on lab

Target Audience

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

Course Suitability

- | | |
|---|--|
| <input checked="" type="checkbox"/> Administrator | <input type="checkbox"/> Expert |
| <input checked="" type="checkbox"/> Engineer | <input type="checkbox"/> Advanced |
| <input type="checkbox"/> Architect | <input checked="" type="checkbox"/> Professional |
| | <input type="checkbox"/> Fundamentals |

Prerequisites

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

Certifications

This course helps prepare you for the following certifications:

- [VCP-Cloud](#)
- [VCAP-CIA](#)

For more information, go to www.vmware.com/certification

Pricing

Contact your VMware representative or a VMware Authorized Training Center™ for pricing information.

More Information

Courses are conveniently scheduled around the world. Go to [VMware Education](#) to find the class that is right for you.



Course Overview

This training course focuses on installing, configuring, and managing VMware vRealize™ Automation. This course covers the configuration and use of the vRealize Automation platform, including self-service provisioning and the creation of multivendor cloud services. This class also helps students understand and achieve the benefits of automation as a component of the software-defined data center.

Students who complete this course may enroll in an advanced vRealize Automation course. For advanced course options, go to www.vmware.com/education.

Course Objectives

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

- Describe the vRealize Automation architecture and use case in today's multivendor cloud environments
- Install and configure vRealize Automation 6.2
- Deploy Distributed Execution Managers and agents for vRealize Automation connectivity
- Configure endpoints to support compute fabric connectivity
- Manage vRealize Automation 6.2 entities on VMware hardware, third-party hardware, and cloud infrastructures
- Configure vRealize Automation 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 through the user portal
- Analyze and configure vRealize Automation workflows
- Integrate VMware vRealize™ Orchestrator™ with vRealize Automation
- Automate application provisioning with VMware vRealize™ Application Services
- Manage and monitor machines and resource reclamation
- Manage cost reporting with VMware vRealize™ Business™

Course Modules

1 Course Introduction

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

2 Architecture and Components

- Identify the components of a vRealize Automation deployment that is used to manage a multivendor hybrid cloud
- Identify the component design options for vRealize Automation
- Explain the concepts of vRealize Automation administration and self-service provisioning
- Identify how vRealize Automation integrates with other VMware products
- Explain the concept of multitenancy
- Identify the abstraction layers of the vRealize Automation cloud
- Identify the administrator roles used by vRealize Automation

3 Installation

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

4 Configuring IaaS

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

5 Blueprints and Catalog Services

- Create and manage single-machine and multimachine blueprints
- Manage service catalog items with entitlements and approval policies

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

7 Extensibility

- Identify extensibility and customization options
- Use vRealize Orchestrator
- Configure plug-ins for external integration
- Use the Advanced Service Designer
- Create custom forms and services

8 Monitoring and Reclamation

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

9 Operational Management

- Configure vRealize Business
- Report financial data for a cloud infrastructure
- Troubleshoot common vRealize Business problems

10 Managing Applications

- Define the role of vRealize Application Services
- Identify vRealize Application Services infrastructure components and requirements
- Deploy and manage vRealize Application Services
- Configure application provisioning
- Create, manage, and update applications
- Manage catalog services



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