

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:

- [VCP6-CMA](#)
- [VCP6-Cloud](#)

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

<p>1 Course Introduction</p> <ul style="list-style-type: none"> • Introductions and course logistics • Course outline • Course goals • Course objectives 	<p>6 Provisioning Services</p> <ul style="list-style-type: none"> • 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
<p>2 Architecture and Components</p> <ul style="list-style-type: none"> • 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 	<p>7 Extensibility</p> <ul style="list-style-type: none"> • Identify extensibility and customization options • Use vRealize Orchestrator • Configure plug-ins for external integration • Use the Advanced Service Designer • Create custom forms and services
<p>3 Installation</p> <ul style="list-style-type: none"> • Explain the vRealize Automation installation prerequisites • Identify the vRealize Automation appliances and component installers • Define the vRealize Automation installation procedure 	<p>8 Monitoring and Reclamation</p> <ul style="list-style-type: none"> • Identify and verify inactive and abandoned resources • Manage machine leases • Manage machine reclamation
<p>4 Configuring IaaS</p> <ul style="list-style-type: none"> • 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 	<p>9 Operational Management</p> <ul style="list-style-type: none"> • Configure vRealize Business • Report financial data for a cloud infrastructure • Troubleshoot common vRealize Business problems
<p>5 Blueprints and Catalog Services</p> <ul style="list-style-type: none"> • Create and manage single-machine and multimachine blueprints • Manage service catalog items with entitlements and approval policies 	<p>10 Managing Applications</p> <ul style="list-style-type: none"> • 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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