

# 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](http://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](http://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



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 [www.vmware.com](http://www.vmware.com)

© 2014 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.