

VMware vRealize Automation: Install, Configure, Manage [V8]

Price
\$4,250.00

Duration
5 Days

Delivery Methods
VILT, Private Group



During this five-day course, you will focus on installing, configuring, and managing VMware vRealize® Automation™. You will gain an understanding on how to use vRealize Automation to automate the delivery of virtual machines, applications, and personalized IT services across different data centers and hybrid cloud environments. The course covers how to manage both on-premise systems and cloud services and how vRealize Automation Service Broker can aggregate content in native formats from multiple clouds and platforms into a common catalog. You will learn how to interface vRealize Automation with other systems using VMware vRealize® Orchestrator™ and how to use vRealize Automation to manage Kubernetes systems and leverage other systems. This course makes heavy use of hands-on labs.

Who Should Attend

Experienced system administrators and system integrators responsible for designing and implementing vRealize Automation

Course Objectives

- Describe the vRealize Automation architecture and use cases in cloud environments
- Manage vRealize Automation entities on VMware and third-party virtual and cloud infrastructures
- Configure and manage Cloud Accounts, Projects, Flavor Mappings, Image Mappings, Network Profiles, Storage Profiles, Volumes, Tags, and Services
- Create, modify, manage, and deploy Blueprints
- Connect to a Kubernetes Cluster and manage images and deployments
- Customize services and virtual machines with cloudConfig
- Configure and manage the Service Broker
- Configure and manage ABX actions, custom properties, event broker subscriptions, and VMware vRealize® Orchestrator™ workflows
- Integrate with vRealize Orchestrator
- Install vRealize Automation with VMware vRealize® Suite Lifecycle Manager™
- Describe Cloud Automation Services (Cloud Assembly and Code Stream).
- Use logs and CLI commands to monitor and troubleshoot vRealize Automation

Agenda

1 - COURSE INTRODUCTION

- Introductions and course logistics
- Course objectives

2 - VREALIZE AUTOMATION OVERVIEW AND ARCHITECTURE

- Describe the purpose and functionality of vRealize Automation
- Describe the vRealize Automation architecture
- Describe the use of VMware Workspace ONE® Access™
- Describe the relationship between Kubernetes clusters, containers, and vRealize Automation services
- Describe CLI commands for vRealize Automation 8 cluster management
- Describe Cloud Assembly
- Describe Service Broker
- Describe Code Stream

3 - VREALIZE AUTOMATION INSTALLATION

- List the different vRealize Automation deployment types
- Explain the purpose of vRealize easy installer
- Recognize the vRealize Automation installation process

4 - AUTHENTICATION AND AUTHORIZATION

- Identify the steps involved in integrating Workspace One with Active Directory
- Recognize features of Workspace One
- Recognize the user roles available in vRealize Automation
- Identify the key tasks performed by each user role

5 - BASIC INITIAL CONFIGURATION

- Quickly create a basic configuration with a cloud account, cloud zone, project, flavor mapping, and image
- mapping

6 - CREATING AND DEPLOYING A BASIC BLUEPRINT

- Configure a basic blueprint
- Deploy a basic blueprint