

[Module 1: Course Introduction](#)

- Introductions and course logistics
- Course objectives

[Module 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

[Module 3: Installing vRealize Automation](#)

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

[Module 4: Authentication and Authorization](#)

- Identify the steps involved in integrating Workspace One with Active Directory
- Describe features of Workspace One
- Describe the user roles available in vRealize Automation
- Identify the key tasks performed by each user role
- Define custom roles
- Configure branding and multitenancy

[Module 5: Basic Initial Configuration](#)

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

[Module 6: VMware Cloud Templates](#)

- Configure and deploy a basic cloud template
- Create cloud templates that can run on any cloud
- Use cloudConfig to run commands, install software, and create users
- Use YAML for inputs, variables, and conditional deployments

[Module 7: Tags and Storage Configuration](#)

- Configure tags

- Describe different types of tags
- Manage tags
- Configure storage profiles
- Use tags and storage profiles

[Module 8: Integrating NSX-T Data Center](#)

- List the capabilities and use cases of NSX-T Data Center
- List the capabilities and use cases of NSX-T Data Center
- Integrate NSX-T Data Center with vRealize Automation
- List the supported network profiles in vRealize Automation
- Use NSX-T Data Center components to design a multitier application Cloud Template
- Identify the network and security options available in design canvas
- Create and manage on-demand networks and security groups
- Configure NSX-T day 2 actions

[Module 9: Integrating with Public Clouds](#)

- Configure and use VMware Cloud Foundation accounts
- Configure and use an AWS cloud account
- Configure and use an Azure cloud account
- Configure and use a Google Cloud Platform cloud account

[Module 10: Using Service Broker for Catalog Management](#)

- Release a VMware Cloud Template™
- Define content source and content sharing
- Define Service Broker policy enforcement
- Define Service Broker policy enforcement

[Module 11: vRealize Automation Extensibility](#)

- Describe Extensibility
- Use event topics
- Create a subscription
- Call a vRealize Orchestrator workflow
- Create ABX actions

[Module 12: Using Code Stream](#)

- Introduction to Code Stream
- The CI/CD process
- Integrate GitLab with Code Stream and Cloud Assembly
- Use Code Stream to install software

[Module 13: Using Terraform](#)

- Integrate Cloud Assembly with Terraform
- Use Terraform with a VMware Cloud Template
- Use Terraform with Code Stream

[Module 14: Using Kubernetes Clusters](#)

- Introduction to Kubernetes
- Connect to an existing Kubernetes Cluster
- Integrate VMware Tanzu™ Grid Integrated Edition
- Create a Supervisor Namespace as a catalog item

[Module 15: Using SaltStack for Configuration Management](#)

- Introduction SaltStack with vRealize Automation
- Use SaltStack for software deployment
- Use SaltStack for configuration management
- Use SaltStack with event-driven orchestration

[Module 16: vRealize Automation Troubleshooting and Integration](#)

- Location of logs
- Using Activity
- Monitoring deployment history
- Basic troubleshooting
- CLI commands
- Collecting logs (VAMI console)
- Integration with VMware vRealize® Log Insight™
- Integration with vRealize Operations
- Migrating vRealize Automation 7.x to 8