

# VCAP - Cloud Management and Automation Track Deploy



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# Online Course



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# VCAP - Cloud Management and Automation Track Deploy

## Course Modules

### Advanced Deploy VMware vRealize Automation

#### 1. Installing, Configuring, and Setting Up

- Perform a clustered deployment (vRealize Suite Lifecycle Manager)
- Modify directory settings (sync settings, user attributes, connectors)
- Config vRealize Automation identity and access management
- Assign organization roles
- Assign service roles
- Add Cloud Accounts
- Add Cloud Zones
- Add Projects
- Add Image Mappings
- Add Flavor Mappings
- Add Network Profiles
- Add Storage Profiles
- Add Pricing cards



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## 2.Troubleshooting and Repairing

- Troubleshoot vRealize Automation deployment issues
- Troubleshoot using "vracli" commandlet
- Tshoot vRealize Automation Appliance srvcusing "kubectl" cmandlet
- Troubleshoot vRealize Operations integration
- Troubleshoot vRealize Log Insight integration
- Troubleshoot catalog/blueprint provisioning errors
  - Correct the blueprint YAML file
  - Troubleshoot capability tags and constraint tags
- Troubleshoot Service Broker policies
- Troubleshoot Identity Manager directory synchronization
- Troubleshoot organization and service roles
- Troubleshoot projects
- Troubleshoot cloud resources
- Troubleshoot extensibility



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## 3. Administrative and Operational Tasks

- Manage Public Clouds (AWS, Azure, GCP, VMC on AWS)
- Manage Extensibility
  - Add and Manage Event Subscriptions
  - Add and Manage Actions
- Manage blueprints
  - Edit blueprints using YAML editor
  - Create multi-tier blueprints
- Config vRealize Operations workload placement in vRealize Automation
- Consume NSX-T (security groups & load balancers) in vRealize Automation
- Manage vRealize Automation using vRealize Suite Lifecycle Manager
- Manage Cloud Accounts
- Manage Cloud Zones
- Manage Projects
- Manage Image Mappings
- Manage Flavor Mappings
- Manage Capability and Constraint Tags
- Manage Storage Profiles
- Manage Network Profiles
- Manage NSX-T networks, security groups and load balancers
- Configure Service Broker
  - Configure Custom Forms
  - Import/export Custom Forms



# **VCAP - Cloud Management and Automation Track Deploy**

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- Create Content Sources
- Manage Content Sharing
- Deploy and manage Kubernetes clusters via vRealize Automation
- Create Pipelines
- Customize a deployment using Cloud-Config
- Managing Workloads with vRealize Automation SaltStack Config
  - Installing the Salt Minion (manually or via VMware Cloud Template)
  - Applying Saltstack State file to a managed workload
  - Creating and using Secrets

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**The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.**



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