

# VMWARE VREALIZE AUTOMATION: ORCHESTRATION AND EXTENSIBILITY [V8.1]





Advanced

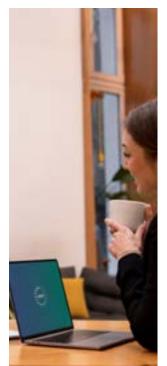
### **Course Duration:**

5 Days

### Course Overview:

During the five-day VMware vRealize Automation: Orchestration and Extensibility [V8.1] training course from CloudThat, candidates learn how to use VMware vRealize Orchestrator to expand the functionality of VMware vRealize Automation. Also, this course teaches candidates how to create vRealize Automation ABX actions, create vRealize Orchestrator workflows, and how to implement Machine Lifecycle Extensibility using the VMware vRealize Automation Event Broker and provide XaaS (Anything as a Service).

By taking up this VMware certification training, candidates also learn how to implement, debug, loop, condition, and user interactions in vRealize Orchestrator. It also introduces learners to new vRealize Orchestrator HTML 5 interface along with REST functions and API calls to help implement a variety of scripts and plugins.







### **Product Alignment**

- VMware vSphere 7.0
- VMware vRealize Automation 8.1
- VMware vRealize Orchestrator 8.1
- VMware vRealize Suite Lifecycle Manager 8.1

# **Prerequisites**

This course requires the following prerequisites:

Knowledge of VMware vSphere

VMware vRealize Automation: Install, Configure, Manage [V8.x] course or equivalent knowledge
Working knowledge of scripting or programming using JavaScript, Windows PowerShell, Perl, Java,
Python, or similar languages. All code is provided during class.

### **Objectives**

Describe the features and benefits of integrating vRealize Orchestrator and vRealize Automation

Describe the role of vRealize Orchestrator workflows and content elements in automation

Use the vRealize Orchestrator client to access and navigate the vRealize Orchestrator platform

Use the vRealize Orchestrator client to import and run vRealize Orchestrator library workflows

Design, develop, and run custom reusable vRealize Orchestrator workflows

Integrate vRealize Automation with vRealize Orchestrator to deliver custom IT services

Use the vRealize Automation event broker service to trigger specific vRealize Orchestrator workflows

Leverage the event broker to extend laaS (Infrastructure-as-a-Service) machine lifecycle processes

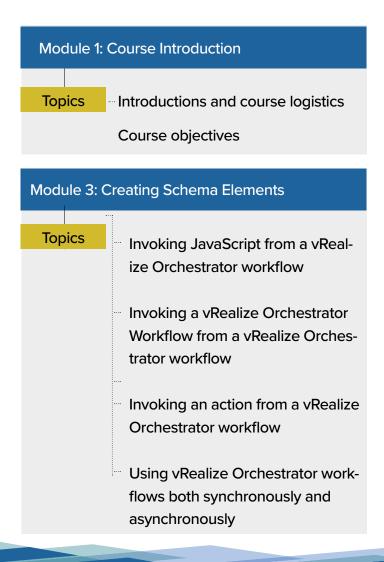
Use XaaS to extend vRealize Automation into other enterprise systems

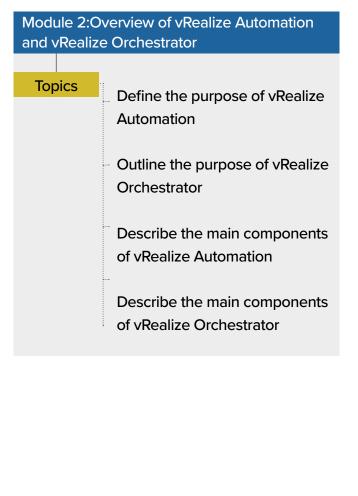
Use VMware APIs to run vRealize Orchestrator workflows

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**Enroll Today!** 

### Course Outline

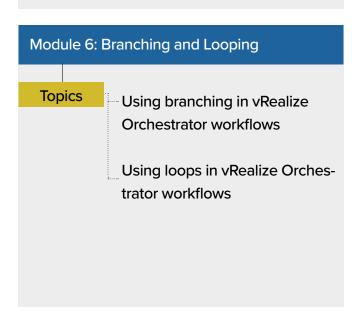


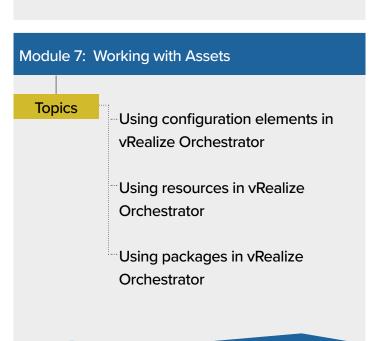


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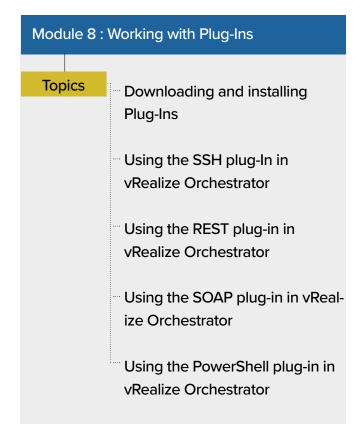
### Module 4: Working with Variables **Topics** Defining inputs, outputs, and variables in vRealize Orchestrator workflows Binding variables in vRealize Orchestrator workflows Wrapping vRealize Orchestrator workflows Using APIs and the API Explorer Creating actions in vRealize Orchestrator Using vRealize Orchestrator input forms Handling user interactions in vRealize Orchestrator

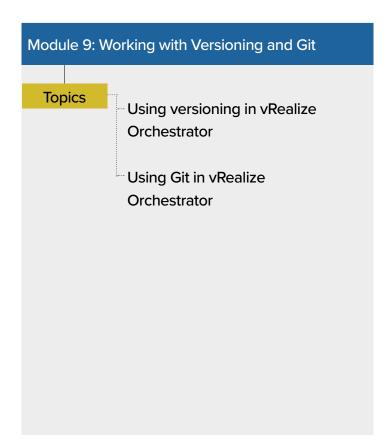
# Topics Handling exceptions in vRealize Orchestrator workflows Using logs in vRealize Orchestrator workflows Debugging vRealize Orchestrator workflows

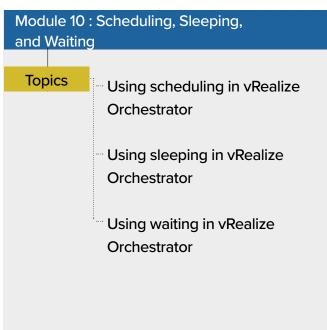


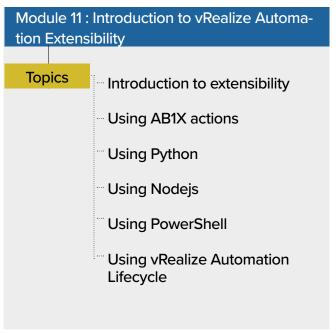


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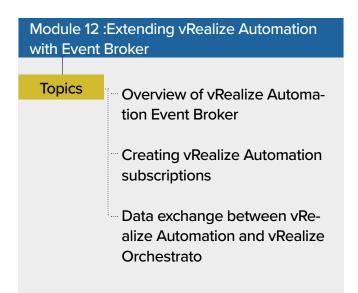


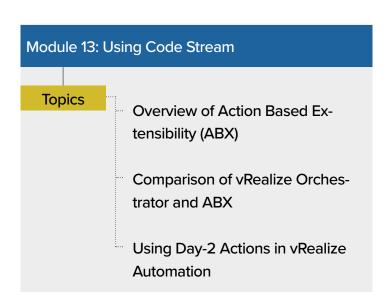


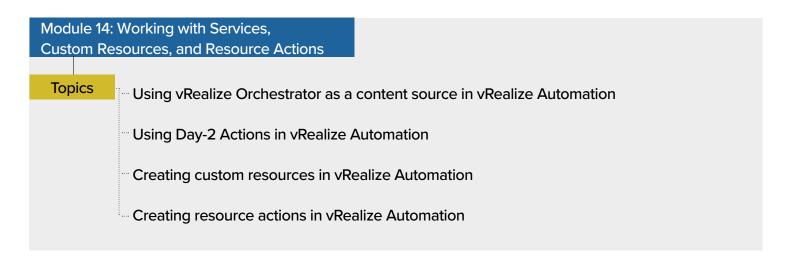




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### Who Should Enroll for this Course?

Experienced VMware administrators, automation and orchestration specialists, system integrators, and private cloud and public cloud administrators.

### About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K+ IT professionals from fortune 500 companies on technologies such cloud, Artificial Intelligence, Machine Learning, IoT, OpenStack, OpenShift, DevOps, MongoDB, Big Data and more.

Through sheer dedication and excellence in the field of cloud training, CloudThat has recently being recognized as **VMware Authorized Training Reseller**. In addition, CloudThat is a proud Microsoft Gold Partner, AWS Advanced Consulting Partner, Google Cloud Platform Partner, and Databricks Partner. Recently, we have won the Microsoft Asia Superstar Campaign for India-2021 for being a global leader in providing cloud training and consultancy services with exemplary track record.

### Our Success Track

10+ Years of Experience

100+ Corporates served 28+ countries catered

500K+
Professionals trained

200+ Projects delivered

350+
Cloud certifications

To know more about our VMware certification training, email at sales@cloudthat.com or call us at +918880002200.