ΛΙΙΙΟΛΛ

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VMware vRealize Automation: Troubleshooting [V8.6]

CODE:	LENGTH:	PRICE:
VMW_VRAT86	24 Hours (3 days)	£2,110.00

Description

This three-day, hands-on training course provides you with the advanced knowledge, skills, and tools to achieve competency in troubleshooting VMware vRealize® Automation. vRealize Automation can be used to automate the delivery of virtual machines, applications, and personalized IT services across different data centers and hybrid cloud environments.
   This course will enable you to troubleshoot common problems with hands on lab problems.

Objectives

By the end of the course, you should be able to meet the following objectives:

• Describe installation best practices and troubleshoot installation failures
• Verify the correct DNS configuration
• Examine main logs and collect log bundles
• Examine the Kubernetes pods in the vRealize Automation architecture
• Troubleshoot common errors that prevent successful deployments
• Troubleshoot YAML code errors in VMware cloud templates
• Troubleshoot cloudConfig code errors in VMware cloud templates
• Troubleshoot VMware Identity Manager configuration errors
• Troubleshoot common errors in vRealize Orchestrator workflows
• Use the vRealize Orchestrator debugger
• Use log outputs from vRealize Orchestrator
• Troubleshoot problems in custom resources
• Troubleshoot problems in resource actions
• Troubleshoot action-based extensibility (ABX) actions
• Integrate vRealize Automation with vRealize Log Insight
• Integrate vRealize Automation with vRealize Operations Manager
• Configure and replace certificates

Audience

Experienced System Administrators and Cloud Administrators that are already familiar with vRealize Automation

Prerequisites

Before taking this course, you should have completed the VMware vRealize® Automation: Install, Configure, Manage course.
You should also have the following:

• Good understanding of managing and working with various Linux and Windows operating systems
• Knowledge and working experience of VMware vSphere® environments
• Basic scripting skills in JavaScript, YAML, and cloudConfig

Programme

1 Course Introduction
• Introductions and course logistics
• Course objectives

2 Troubleshooting vRealize Automation Installation Issues
• vRealize Automation Installation Overview
• vRealize Automation Installation best practices
• Troubleshooting Installation Failures

3 vRealize Automation General Troubleshooting
• Verifying the DNS configuration settings in vRealize Automation and vSphere
• Examining the main logs in the user interface
• Collecting a log bundle
• Using vracli commands
• Examining the pods in the vRealize Automation Kubernetes architecture
• Dumping a log from a vRealize Automation Kubernetes pod
• Killing and restarting a vRealize Automation Kubernetes pod

4 vRealize Automation Cloud Templates and Deployment Troubleshooting
• Overview of provisioning and placement workflows
• Examining a deployment history
• Troubleshooting deployment issues
• Using deployment Dev mode
• Troubleshooting YAML code
• Troubleshooting problems with cloudConfig

5 vRealize Automation Identity Manager Architecture and Cluster Architecture
• Authentication workflow in vRealize Automation
• Connector high availability for authentication
• Architecture of a VMware Identity Manager cluster
• Troubleshooting a VMware Identity Problem
• Key vRealize Automation components
• Architecture of the vRealize Automation cluster
• vRealize Automation node failover scenario
• vRealize Automation cluster shutdown and startup process
• Virtual machine provisioning workflow

6 Troubleshooting vRealize Orchestrator Workflows
• Overview of vRealize Orchestrator and vRealize Automation communications
• Using the vRealize Orchestrator debugger
• Using vRealize Orchestrator log output
• Troubleshooting vRealize Orchestrator binding errors
• Troubleshooting vRealize Orchestrator logic errors
• Troubleshooting vRealize Orchestrator payload errors
• Troubleshooting custom resource errors
• Troubleshooting resource action errors

7 Troubleshooting Action Based Extensibility (ABX) Actions
• Overview of ABX actions
• Troubleshooting ABX actions

8 vRealize Automation Integration with vRealize Tools
• Integrating vRealize Automation and vRealize Log Insight
• Integrating vRealize Automation and vRealize Operations Manager
• Using vRealize Operations Manager to monitor vRealize Automation

9 vRealize Automation Certificate Management
• Managing vRealize Automation certificates
• Creating certificate requests with vRealize Lifecycle Manager
• Using Microsoft Certificate Services to create vRealize Automation certificates
• Replacing vRealize Automation certificates

Further Information

• VMware vRealize® Automation 8.6
• VMware vRealize® Operations 8.6
• VMware vRealize® Log Insight 8.6
Product Alignment • VMware vRealize® Lifecycle Manager 8.6

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
17 Feb 2025	Virtual Classroom	GMT	English	Instructor Led Online		£2,110.00
19 May 2025	Virtual Classroom	BST	English	Instructor Led Online		£2,110.00
08 Sep 2025	Virtual Classroom	BST	English	Instructor Led Online		£2,110.00
08 Dec 2025	Virtual Classroom	GMT	English	Instructor Led Online		£2,110.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.