VMware vRealize Automation: Troubleshooting [V8.6] (VRAT86)

ID VRAT86 **Prix** 2 250,– € (Hors Taxe) **Durée** 3 jours

A qui s'adresse cette formation

Experienced system administrators and cloud administrators who are already familiar with vRealize Automation

Pré-requis

Before taking this course, you should have completed the VMware vRealize Automation: Install, Configure, Manage [V8.3] (VRAICM83) course.

You should also have the following understanding or knowledge:

- 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

Objectifs

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

Contenu

Course Introduction

- Introductions and course logistics
- Course objectives

Troubleshooting vRealize Automation Installation Issues

- vRealize Automation Installation Overview
- vRealize Automation Installation best practices
- Troubleshooting Installation Failures

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

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

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

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

Troubleshooting Action Based Extensibility (ABX) Actions

- Overview of ABX actions
- Troubleshooting ABX actions

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

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

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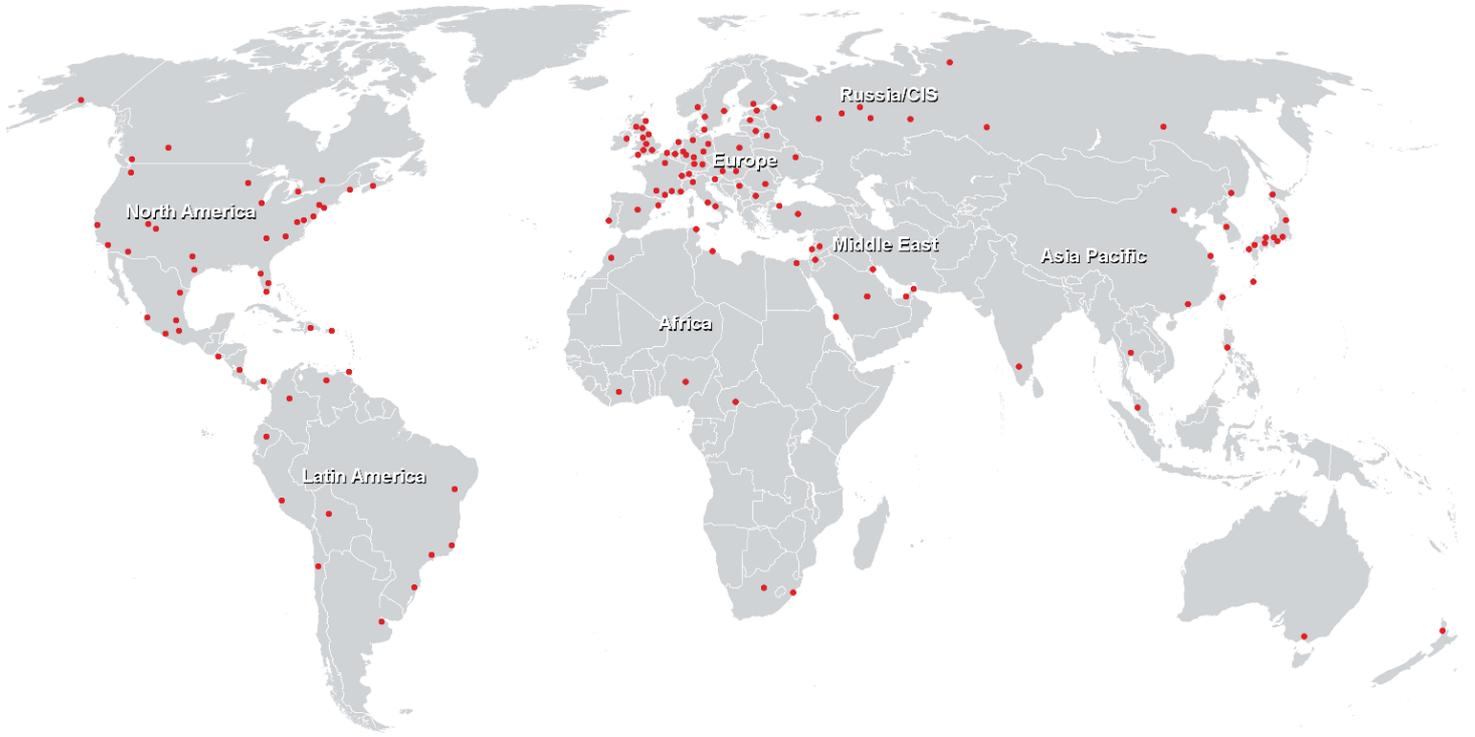
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