Course : VMware vRealize Automation: Troubleshooting V8.6 (VRAT86)

Official VRAT86 course, preparation for VMWare certifications

Practical course - 3d - 21h00 - Ref. T86
Price : 2590 € E.T.

With this training course, you'll have the advanced knowledge, skills and tools you need to acquire the skills you need to troubleshoot VMware vRealize® Automation™. vRealize Automation can be used to automate the distribution of virtual machines, applications and customized IT services across a variety of data center and hybrid cloud environments. This training course will enable you to solve common problems through hands-on lab exercises.

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✅ Discover best installation practices and solve installation problems
- ✅ Check DNS configuration
- ✅ Examine main logs and collect log packets
- ✅ Examining Kubernetes pods in the vRealize Automation architecture
- ✅ Resolve common errors that prevent successful deployments
- ✅ Resolve YAML code errors in VMware cloud templates
- ✅ Resolving cloudConfig code errors in VMware cloud templates
- ✅ Troubleshooting VMware Identity Manager™ configuration errors
- ✅ Resolve common errors in VMware vRealize® Orchestrator™ workflows.
- ✅ Using the vRealize Orchestrator debugger
- ✅ Using vRealize Orchestrator log outputs
- ✅ Solving problems in customized resources
- ✅ Solving problems in resource actions
- ✅ Solving share-based scalability (ABX) problems
- ✅ Integrate vRealize Automation with VMware vRealize® Log Insight™
- ✅ Integrate vRealize Automation with VMware vRealize® Operations Manager™
- ✅ Configuring and replacing certificates

PARTICIPANTS

Administrateurs système et administrateurs cloud expérimentés qui connaissent déjà vRealize Automation.

PREREQUISITES

Avoir suivi "VMware vRealize® Automation : Installer, Configurer, Gérer V8.3". Compréhension des systèmes d'exploitation Linux et Windows. Expérience professionnelle en VMware vSphere®.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Intended audience

Administrateurs système et administrateurs cloud expérimentés qui connaissent déjà vRealize Automation.

Prerequisites

Avoir suivi "VMware vRealize® Automation : Installer, Configurer, Gérer V8.3". Compréhension des systèmes d'exploitation Linux et Windows. Expérience professionnelle en VMware vSphere®.

Practical details

Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

1 **Troubleshooting vRealize Automation installation problems**

- vRealize Automation installation overview.
- Best practices for installing vRealize Automation.
- Troubleshooting installation problems.

2 **Troubleshooting vRealize Automation**

- Check DNS configuration settings in vRealize Automation and vSphere.
- Examine the main logs in the user interface.
- Collect a log bundle.
- Use vracli commands.
- Analyze pods in the vRealize Automation Kubernetes architecture.
- Empty logs from a vRealize Automation Kubernetes space.
- Stop and restart a vRealize Automation Kubernetes pod.

3 **Manage vRealize Automation Cloud templates and troubleshoot deployment**

- Overview of provisioning and investment workflows.
- Analyze deployment history.
- Troubleshoot deployment problems.
- Deploy using developer mode.
- Troubleshoot YAML code.
- Troubleshooting problems with cloudConfig.

4 **Analyze vRealize Automation Identity Manager and Manager Cluster**

- Analyze authentication workflows in vRealize Automation.
- High-availability connector for authentication.
- Describe the architecture of a VMware Identity Manager cluster.
- Describe VMware Identity Manager's key commands and log files.
- Troubleshooting a problem with VMware Identity Manager.
- Analyze the key components of vRealize Automation.
- Analyze the architecture of the vRealize Automation cluster.
- Analyze the vRealize Automation node failover scenario.
- Analyze the shutdown and startup process of the vRealize Automation cluster.
- Analyze the virtual machine provisioning workflow.

5 Troubleshooting vRealize Orchestrator workflows

- Overview of communications between vRealize Orchestrator and vRealize Automation.
- Use vRealize Orchestrator debugger.
- Use vRealize Orchestrator output logs.
- Troubleshoot vRealize Orchestrator link errors.
- Troubleshoot logical errors in vRealize Orchestrator.
- Troubleshooting vRealize Orchestrator payload errors.
- Troubleshoot custom resource errors.
- Troubleshoot resource action errors.

6 Troubleshooting Action Based Extensibility (ABX)

- Overview of ABX shares.
- Troubleshooting ABX actions.

7 Integrating vRealize Automation with vRealize Tools

- Integrate vRealize Automation and vRealize Log Insight.
- Integrate vRealize Automation and vRealize Operations Manager.
- Use vRealize Operations Manager to monitor vRealize Automation.

8 Managing vRealize Automation certificates

- Manage vRealize Automation certificates.
- Create certificate requests with vRealize Lifecycle Manager.
- Use Microsoft Certificate Services to create vRealize Automation certificates.
- Replace vRealize Automation certificates.

Options

Certification : 330 € HT

This course prepares you for VMware Cloud Management and Automation certification.

Comment passer votre examen ?

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.