Course : VMware vRealize Operations: Install, Configure, Manage V8.6 (VROICM86)

Official course, exam preparation 3V0-32.23

Practical course - 5d - 35h00 - Ref. VR2

Avec cette formation, vous disposerez des connaissances et des compétences nécessaires pour déployer un cluster VMware vRealize® Operations™ qui répond aux exigences de surveillance de votre environnement. La formation inclut des fonctionnalités avancées, telles que la personnalisation des alertes, des vues, des rapports et des tableaux de bord, et explique l'architecture de vRealize Operations. Vous aborderez aussi la surveillance des applications, les certificats, les concepts de capacité et de coût et l'optimisation de la charge de travail avec des cas d'utilisation réels, etc.

PARTICIPANTS

Experienced system administrators, system integrators.

PREREQUISITES

Avoir suivi la formation Réf. MWA ou avoir 6 mois d'expérience pratique avec vRealize Operations.

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.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.
Assessment by the participant, at the end of the training course, of the skills acquired during the training course.
Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.
At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.
An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

🎯 Teaching objectives

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

- ✅ List vRealize Operations use cases
- ✅ Identify the features and benefits of vRealize Operations
- ✅ Determine which vRealize Operations cluster meets your monitoring requirements
- ✅ Deploying and configuring a vRealize Operations cluster
- ✅ Use interface functions to assess and solve operational problems
- ✅ Describing vRealize Operations certificates
- ✅ Create policies to meet the operational needs of your environment
- ✅ Optimize data center performance, capacity and costs
- ✅ Troubleshoot and manage problems using work plan, alerts and predefined dashboards
- ✅ Managing configurations
- ✅ Configure application monitoring using VMware vRealize® Application Remote Collector™.
- ✅ Create customized definitions, reports and views of symptoms and alerts
- ✅ Create various customized dashboards using the dashboard creation canvas
- ✅ Create super metrics
- ✅ Configure users and user groups for controlled access to your environment
- ✅ Extend the capabilities of vRealize Operations by adding management packages and configuring solutions
- ✅ Monitor vRealize Operations cluster with self-monitoring dashboards

Intended audience

Experienced system administrators, system integrators.

Prerequisites

Avoir suivi la formation Réf. MWA ou avoir 6 mois d'expérience pratique avec vRealize Operations.

Certification

Successful completion of the 3V0-32.23 exam leads to VMware Certified Advanced Professional - Cloud Management and Automation Design 2023 (VCAP-CMA Design 2023).
Comment passer votre examen ?

Practical details

Teaching methods

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

Course schedule

1 **vRealize Operations overview**

- List vRealize Operations use cases.
- Access the vRealize Operations user interface (UI).

2 **vRealize Operations architecture**

- Identify the functions of the components in a vRealize Operations node.
- Identify node types and their role in a vRealize Operations cluster.
- Describe how to achieve high availability in vRealize Operations.
- List the components required to activate continuous availability (CA).

3 **Deploying vRealize Operations**

- Design and size a vRealize Operations cluster.
- Deploy a vRealize Operations node.
- Install an instance of vRealize Operations.
- Describe the different vRealize Operations deployment scenarios.

4 **vRealize Operations concepts**

- Identify the product's user interface components.
- Create and use tags to group objects.
- Use a custom group to group objects.

5 **vRealize Operations policies and certificate management**

- Describe vRealize Operations certificates.
- Create strategies for different types of workload.
- Describe how strategy inheritance works.

6 **Capacity optimization**

- Define capacity planning terms.
- Explain capacity planning models.
- Assess overall data center capacity and identify recommendations for optimization.

7 **What-if scenarios and costing in vRealize Operations**

- Run what-if scenarios to add workloads to a data center.
- Discuss the types of cost drivers in vRealize Operations.
- Evaluate the cost of your data center inventory.

8 **Performance optimization**

- Introduction to performance optimization.
- Define the business and operational intentions of a data center.
- Automate the process of optimizing and balancing workloads in data centers.
- Report the results of the optimization potential.

9 Troubleshooting and configuration management

- Describe the troubleshooting workshop.
- Identify and solve problems by monitoring alerts.
- Use step-by-step workflows to troubleshoot individual vSphere objects.
- Assess your environment's compliance with standards.
- View configurations of vSphere objects in your environment.

10 Application monitoring in vRealize Operations

- Describe native service discovery and application monitoring functionalities.
- Configure application monitoring.
- Monitor operating systems and applications with vRealize Application Remote Collector.

11 Customized alerts, views and reports

- Create symptom definitions.
- Create recommendations, actions and notifications.
- Create alert definitions that monitor resource demand in hosts and virtual machines.
- Create and use custom views in your environment.
- Create customized reports to present data on your environment.

12 Customized dashboards

- Create dashboards using predefined and customized widgets.
- Configure widgets to interact with other widgets and dashboards.
- Configure the dashboard widget to use a metrics configuration file.
- Manage dashboards by grouping them together and sharing them with users.

13 Super metrics

- Recognize different types of super metric.
- Create super metrics and associate them with objects.
- Enable super metrics in strategies.

14 User access control

- Recognize how users are authorized to access objects.
- Determine privilege priorities when a user has multiple privileges.
- Import users and user groups from LDAP sources.

15 Extending and managing a vRealize Operations deployment

- Identify the management packages available in the VMware Marketplace.
- Monitor the reliability of the vRealize Operations cluster.
- An assistance package.
- View vRealize Operations logs and audit reports.
- Perform vRealize Operations cluster management tasks.