Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Email: training.ecs.dk@arrow.com
Phone: +45 7025 4500

VMware Aria Operations: Install, Configure, Manage V8.17]

CODE:	LENGTH:	PRICE:
VMW_VAOICM817	40 Hours (5 dage)	kr 27,975.00

Description

This five-day, hands-on training course provides you with the knowledge and skills to deploy a VMware Aria Operations cluster that meets the monitoring requirements of your environment. This course includes advanced capabilities, such as customizing alerts, views, reports, and dashboards, and explains the deployment and architecture in VMware Aria Operations. This course explains application monitoring, certificates, policies, capacity and cost concepts, and workload optimization with real-world use cases. This course covers troubleshooting using the workbench, alerts, and predefined dashboards, and how to manage compliance and configurations. This course also covers several management packs.

- 5 days of work with a trainer
- Trainer’s supervision
- Contact with community
- Coursebook
- Lab environment

Training method

- lecture
- workshops

Objectives

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

- List the VMware Aria Operations use cases
- Identify features and benefits of VMware Aria Operations
- Describe the functions of nodes and components in VMware Aria Operations clusters
- Determine the VMware Aria Operations cluster that meets your monitoring requirements
- Deploy and configure a VMware Aria Operations cluster
- Use tags and tag values in grouping objects
- Describe VMware Aria Operations certificates
- Create policies to meet the operational needs of your environment
- Recognize effective ways to optimize performance, capacity, and cost in data centers
- Use the Workload Placement (WLP) feature to optimize performance
- Troubleshoot and manage issues using workbench, alerts, and predefined dashboards
- Manage configurations
- Configure Application Monitoring using VMware Cloud Proxy
- Create custom symptoms and alert definitions, reports, and views
- Create various custom dashboards using the dashboard creation canvas
- Configure widgets and widget interactions for dashboards
- Describe the concept, components, and benefits of super metrics
- Configure users and user groups for controlled access to your environment
- Extend the capabilities of VMware Aria Operations by adding management packs and configuring solutions

Audience

- Experienced system administrators and system integrators

- Consultants responsible for designing, implementing, and customizing VMware Aria Operations

Prerequisites

Before taking this course, you must meet at least one of the following requirements:

- VMware vSphere®: Install, Configure, Manage
- 6 months of hands-on VMware Aria Operations experience

Programme

1. Course Introduction

- Introduction and course logistics
- Course objectives

2. Introduction to VMware Aria Operations

- List the key features of VMware Aria Operations
- Outline VMware Aria Operations use cases

3. VMware Aria Operations Architecture

- Describe the role of the primary node in a VMware Aria Operations cluster
- Identify the functions of components in a VMware Aria Operations node
- Identify the types of nodes and their role in a VMware Aria Operations cluster
- Outline how high availability is achieved in VMware Aria Operations
- List the components required to enable Continuous Availability (CA)

4. Deploying VMware Aria Operations

- Describe the VMware Aria Operations cluster design and sizing principles
- Prepare an environment for a VMware Aria Operations deployment
- Deploy a VMware Aria Operations node
- Describe different VMware Aria Operations deployment scenarios

5. Tags and Custom Groups

- Use tags and tag values in grouping objects
- Create custom group types to collect and report data from objects
- Describe Business Applications and Custom Datacenter

6. Policies and Certificate Management

- Use policies to analyze information about various object types and objects in your environment
- Configure policies and other components
- Create Certificate Signing Requests for your VMware Aria Operations instance

7. Capacity Optimization

- Define capacity planning terms
- Explain capacity planning models
- Define the capacity concepts
- Configure custom profiles

8. What-If Scenarios and Costing in VMware Aria Operations

- Assess what-if scenarios for adding and removing VM workloads to a data center
- Assess what-if scenarios for adding and removing hosts to a data center
- Assess what-if scenarios to plan the migration of workloads to VMware and public clouds

9. Performance Optimization

- Describe performance optimization
- Define the business and operational intentions for a data center
- Use the Optimize Now feature to optimize workload performance
- Review optimization history and potential
- Automate the process of optimizing and balancing workloads in data centers

10. Troubleshooting and Managing Configurations

- Use the troubleshooting workbench to analyze a problem
- Troubleshoot objects using the Troubleshooting Workbench Alerts and Metrics tabs
- Outline how VMware Aria Operations applies compliance in your environment
- Use configuration and compliance dashboards to assess the status of objects in your environment

11. Service Discovery and Application Monitoring

- Describe native service discovery and applicationmonitoring features
- Configure application monitoring
- Monitor applications by using VMware Cloud Proxy for VMware Aria Operations

12. Custom Alerts

- Identify the components of an alert definition
- Create symptom definitions
- Create recommendations, actions, and notifications
- Configure a custom alert using the Create Alert Definition workflow
- Attach symptoms, conditions, and recommendations to an alert definition

13. Custom Views and Reports

- Outline the role of views in VMware Aria Operations
- Create a basic custom view
- Configure view settings
- Create a custom report template

14. Custom Dashboards

- Create dashboards that use predefined and custom widgets
- Configure widgets to interact with other widgets and other dashboards
- Manage dashboards by grouping dashboards and sharing dashboards with users

15. Super Metrics

- Describe the concept, components, and benefits of supermetrics
- Define the types of super metrics and their usage
- Describe super metric design considerations
- Manage super metrics with the super metric wizard

16. User Access Control

- Outline access control in VMware Aria Operations
- Create local users and user groups
- Determine privilege priorities when a user has multiple privileges
- Import users and user groups from an LDAP source

17. Extending and Managing a VMware Aria Operations Deployment

- Identify common management packs that are available to your environment
- Monitor the health of a VMware Aria Operations cluster
- Generate a support bundle
- View VMware Aria Operations logs and audit reports
- Perform VMware Aria Operations cluster management tasks

Session Dates

På anmodning. Kontakt os venligst

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.