VMWA-25 - VMWARE ARIA OPERATIONS: INSTALL, CONFIGURE, MANAGE [V8.17]

Categoria: **VMware**

INFORMAZIONI SUL CORSO

Durata:
5 Giorni

Categoria:
VMware

Qualifica Istruttore:
VMware Certified Instructor

Dedicato a:
Professionista IT

Produttore:
VMware

OBIETTIVI

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

PREREQUISITI

Before taking this course, you must meet at least one of the following requirements:
- VMware vSphere: Install, Configure, Manage
- 6 months hands-on VMware Aria Operations experience

CONTENUTI

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 application monitoring 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

INFO

Materiale didattico: Materiale didattico ufficiale VMware in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)