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

Categoria: **VMware**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
5 Giorni	VMware	VMware Certified Instructor	Professionista IT	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)