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

Category: Infrastructure & IT Operations | **Vendor:** VMware

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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.

About This Course

- Course Introduction
- Introduction to VMware Aria Operations
- VMware Aria Operations Architecture
- Deploying VMware Aria Operations
- Tags and Custom Groups
- Policies and Certificate Management
- Capacity Optimization
- What-If Scenarios and Costing in VMware Aria Operations
- Performance Optimization
- Troubleshooting and Managing Configurations
- Service Discovery and Application Monitoring
- Custom Alerts
- Custom Views and Reports
- Custom Dashboards
- Super Metrics
- User Access Control
- Extending and Managing a VMware Aria Operations Deployment

Who Should Attend

- Experienced system administrators and system integrators
- Consultants responsible for designing, implementing, and customizing VMware Aria Operations

Prerequisites & Entry Requirements

General 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

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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

Detailed Course Outline

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

Skills You Will Learn:

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

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Frequently Asked Questions

Q: What delivery options are available for VMware Aria Operations: Install, Configure, Manage [V8.17]?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day VMware Aria Operations: Install, Configure, Manage [V8.17] course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the VMware Aria Operations: Install, Configure, Manage [V8.17] training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for VMware Aria Operations: Install, Configure, Manage [V8.17]?

Yes, we provide corporate training, dedicated training, and closed classes for VMware Aria Operations: Install, Configure, Manage [V8.17]. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: VMware Aria Operations: Install, Configure, Manage [V8.17], VMware Aria Suite, VROICM817

Q: Why choose Nexus Human for VMware Aria Operations: Install, Configure, Manage [V8.17]?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your VMware Aria Operations: Install, Configure, Manage [V8.17] training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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