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

Duration: **5 Day**

BILGINÇ IT Academy
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Overview

This five-day hands-on {*training} provides a deep dive into the installation, configuration, and management of VMware Aria Automation 8.17 for on-premises environments. Participants will learn how to automate the deployment of virtual machines, applications, and personalized services across multi-cloud and hybrid cloud infrastructures. Topics include Service Broker catalog management, extensibility via Aria Automation Orchestrator, Kubernetes integration, and configuration management with Aria Automation Config.

Prerequisites

Attendees should be proficient in:

- Creating and editing virtual machines in vSphere
- Navigating vCenter and managing basic infrastructure objects
- Using the vSphere Client interface confidently

Who Should Attend

System administrators and integrators responsible for Aria Automation architecture and operations

What You Will Learn

By the end of this {*training}, you will have gained knowledge and skills in the following areas:

- Install and configure VMware Aria Automation
- Manage multitenant cloud environments and cloud resources
- Design and deploy cloud-agnostic templates
- Integrate with NSX, Cloud Foundation, and Kubernetes clusters
- Build self-service catalogs using Service Broker
- Create event-driven workflows using Orchestrator and ABX actions
- Utilize Aria Automation Config for software and configuration management
- Perform basic troubleshooting, log analysis, and integration with Aria Operations

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Outline

Introduction & Objectives

Architecture and Core Services of Aria Automation

Deployment Scenarios and Easy Installer

Authentication, Roles & Multitenancy (via VMware Identity Manager)

Initial Configuration: Cloud Accounts, Zones & Projects

Template Authoring with YAML, cloudConfig, and Variables

Tagging Mechanisms and Resource Organization

Storage Profiles and Policy-Driven Placement

NSX Integration and Network Security Design

Connecting to AWS, Azure, Google Cloud & Cloud Director

Service Broker for Catalog Creation & Custom Forms

Automation Extensibility: Events, Orchestrator, ABX Actions

Kubernetes Integration and Multi-Cloud Deployment

Using Aria Automation Config for Configuration Management

Troubleshooting, CLI Commands, and Integration with Aria Operations