VMware Aria Automation: Install, Configure, Manage [V8.10]

1 Course Introduction

• Introductions and course logistics

• Course objectives

2 VMware Aria Automation Overview and Architecture

• Describe the purpose and functionality of VMware Aria Automation

• Describe the VMware Aria Automation architecture

• Describe the use of VMware Workspace ONE Access™

• Describe the relationship between Kubernetes clusters, container, and VMware Aria Automation services

• Identify the key services offered by VMware Aria Automation

3 Installing VMware Aria Automation

• List the different VMware Aria Automation deployment types

• Describe the purpose of Easy Installer

• Describe the VMware Aria Automation installation process

• Describe the VMware Aria Automation installation process.

4 Authentication and Authorization

• Identify the steps to integrating Workspace ONE® with Active Directory

• Describe the features of Workspace ONE

• Describe the user roles available in VMware Aria Automation

• Identify the key tasks performed by each user role

• Define custom roles

• Configure branding and multitenancy

5 Basic Initial Configuration

• Create a basic configuration with a cloud account, cloud zone, project, flavor mapping, and image mapping

6 VMware Aria Automation Templates

• Configure and deploy a basic VMware Aria Automation template

• Create a VMware Aria Automation template that can run on any cloud

• Use cloudConfig and cloudbase-init to run commands, create users, and install software

• Use YAML for inputs, variables, and conditional deployments

7 Tags

• Configure tags

• Describe different types of tags

• Manage tags

8 Storage Configuration

• Configure storage profiles

• Use tags and storage profiles

9 Integrating NSX With VMware Aria Automation

• List the capabilities and use cases of VMware NSX®

• Describe the NSX architecture and components

• Integrate NSX with VMware Aria Automation

• List the supported network profiles in VMware Aria Automation

• Use the NSX components to design a multitier application with VMware Aria Automation Templates

• Identify the network and security options available in design canvas

• Create and manage on-demand networks and security groups

• Configure NSX Day 2 actions

10 Integrating with Public Clouds

• Configure and use VMware Cloud Foundation™ accounts

• Configure and use an AWS cloud account

• Configure and use an Azure cloud account

• Configure and use a Google Cloud Platform cloud account

11 Using VMware Aria Automation Consumption

• Release a VMware Aria Automation template

• Define content source and content sharing

• Define VMware Aria Automation policy enforcement

• Use custom forms for catalog items

12 VMware Aria Automation Extensibility

• Describe VMware Aria Automation extensibility

• Use event topics

• Create a subscription

• Call a VMware Aria Automation Orchestrator workflow

• Create ABX actions

13 Using Kubernetes Clusters

• Describe Kubernetes

• Connect to an existing Kubernetes Cluster

14 Using VMware Aria Automation Config for Configuration Management

• Describe VMware Aria Automation Config

• Use VMware Aria Automation Config for software deployment

• Use VMware Aria Automation Config for configuration management

• Use VMware Aria Automation Config with event-driven orchestration

15 VMware Aria Automation Troubleshooting and Integration

• Demonstrate how to monitor deployment history

• Demonstrate basic troubleshooting

• Execute CLI commands

• Explain how to Collect logs

• Describe integration with VMware Aria Operations for Logs

• Describe integration with VMware Aria Operations