

VMware Aria Automation : Orchestration and Extensibility **(V8.13)**

Course Outline

- **Introductions and Course Logistics**
 - Course objectives
- **Overview of VMware Aria Automation and VMware Aria Automation Orchestrator**
 - Define the purpose of VMware Aria Automation
 - Outline the purpose of VMware Aria Automation Orchestrator
 - Describe the main components of VMware Aria Automation
 - Describe the main components of VMware Aria Automation Orchestrator
- **Using Schema Elements**
 - Describe a scriptable task
 - Run a Polyglot script from a VMware Aria Automation Orchestrator workflow
 - Run JavaScript from a VMware Aria Automation Orchestrator workflow
 - Run a VMware Aria Automation Orchestrator workflow from a VMware Aria Automation Orchestrator workflow
 - Run an action from a VMware Aria Automation Orchestrator workflow
 - Use VMware Aria Automation Orchestrator workflows both synchronously and asynchronously
- **Working with Variables**
 - Define inputs, outputs, and variables in VMware Aria Automation Orchestrator workflows
 - Bind variables in VMware Aria Automation Orchestrator workflows
 - Explain the purpose of binding in VMware Aria Automation Orchestrator workflows
 - Wrap VMware Aria Automation Orchestrator workflows
 - Create actions in VMware Aria Automation Orchestrator
 - Use VMware Aria Automation Orchestrator input forms
 - Handle user interactions in VMware Aria Automation Orchestrator
- **Handling Exceptions, Logging, and Debugging**
 - Identify the function of exception handling
 - Handle exceptions in VMware Aria Automation Orchestrator workflows
 - Use logs in VMware Aria Automation Orchestrator workflows
 - Debug VMware Aria Automation Orchestrator workflows
 - Monitor variable values
- **Branching and Looping**
 - Use decision schema element for branching in VMware Aria Automation

- Orchestrator workflows
- Use switch schema element for branching in VMware Aria Automation Orchestrator workflows
- Use loops in VMware Aria Automation Orchestrator workflows
- **Working with Assets**
 - Create and use configuration elements in VMware Aria Automation Orchestrator
 - Use resources in VMware Aria Automation Orchestrator
 - Create and use packages in VMware Aria Automation Orchestrator
- **Working with Plug-Ins**
 - Explain the functionality of VMware Aria Automation Orchestrator plug-ins
 - Download and install plug-ins
 - Use the SSH plug-in in VMware Aria Automation Orchestrator
 - Use the REST plug-in in VMware Aria Automation Orchestrator
 - Use the VMware Aria Automation plug-in in VMware Aria Automation Orchestrator
 - Use the PowerShell plug-in in VMware Aria Automation Orchestrator
 - Use dynamic types in VMware Aria Automation Orchestrator
- **Working with Versioning and Git**
 - Manage versioning in VMware Aria Automation Orchestrator
 - Use Git in VMware Aria Automation Orchestrator
- **Working with Time-Related Schema Elements**
 - Use scheduling in VMware Aria Automation Orchestrator
 - Use sleeping in VMware Aria Automation Orchestrator
 - Use waiting in VMware Aria Automation Orchestrator
- **Introduction to Extensibility**
 - Introduction to VMware Aria Automation extensibility
 - Explain the Event Broker Service
 - Explain life cycle integration
- **Using the Event Broker**
 - Explain the functionality of the Event Broker Service
 - Overview of VMware Aria Automation Event Broker
 - Create VMware Aria Automation subscriptions
 - Data exchange between VMware Aria Automation and VMware Aria Automation Orchestrator
- **Using ABX Actions**
 - Overview of Action Based Extensibility (ABX)
 - Describe Function as a Service (FaaS)
 - Differentiate between VMware Aria Automation Orchestrator and ABX

- Create an ABX action that is called by a VMware Aria Automation subscription
- **Working with Services, Custom Resources, and Resource Actions**
 - Describe the service broker service
 - Use VMware Aria Automation Orchestrator as a content source in VMware Aria Automation
 - Create custom resources in VMware Aria Automation
 - Create resource actions in VMware Aria Automation
- **Capturing the vSphere Client Code**
 - Use vSphere Client code capture to capture code in VMware Aria Automation Orchestrator workflow, JavaScript, PowerCLI, or other languages
 - Use the captured code in VMware Aria Automation Orchestrator workflows or actions