

VMware vRealize Automation: Orchestration and Extensibility V8.x

In this five-day course, you will focus on using VMware Aria Automation Orchestrator™ to extend the functionality of VMware Aria Automation™. You will learn how to deploy XaaS (Anything as a Service) and implement full lifecycle extensibility with the VMware Aria Automation Event Broker. You will also learn how to create workflows for VMware Aria Automation Orchestrator and VMware Aria Automation ABX actions. You will learn various functions, including how to implement basic scripting and logical processing to implement a variety of functions in your environment. In this course, you will learn how to implement debugging, loops, conditions, and user interactions in VMware Aria Automation Orchestrator.

Course Contents

- Describe the features, benefits, components, and integration of VMware Aria Automation Orchestrator and VMware Aria Automation
- Describe the role of VMware Aria Automation Orchestrator workflows and content elements in automation
- Use the VMware Aria Automation Orchestrator client to access and navigate the VMware Aria Automation Orchestrator platform, and to import and run VMware Aria Automation Orchestrator library workflows
- Design, develop, and run custom reusable VMware Aria Automation Orchestrator workflows
- Use VMware APIs in the VMware Aria Automation Orchestrator workflow
- Integrate VMware Aria Automation with VMware Aria Automation Orchestrator instances to extend infrastructure as a service (IaaS) system life-cycle processes and to enhance and deliver custom IT services
- Use anything as a service (XaaS) to extend VMware Aria Automation to other enterprise systems
- Use the VMware Aria Automation Event Broker service to trigger specific VMware Aria Automation Orchestrator workflows

E-Book You will receive the documentation of VMware in English language as an e-book.

Target Group

Experienced VMware administrators, automation and orchestration specialists, system integrators, private cloud administrators and public cloud administrators.

Prerequisites

Before attending this course, you should have completed the following course:

- VMware Aria Automation: Install, Configure, Manage course or equivalent knowledge

In addition, you should have the following knowledge:

- Knowledge of VMware vSphere
- Knowledge of scripting or programming with JavaScript, Windows PowerShell, Perl, Java, Python or similar languages.

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.experteach-training.com/go/VCOE

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	5 Days	€ 3,795
Online Training	5 Days	€ 3,795
Dates upon request		

Status 05/07/2025



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1 Course Introduction

Introductions and course logistics
Course objectives

2 Enterprise Cloud Architecture and Components

Describe how to extend enterprise systems
Define the purpose of vRealize Automation
Outline the purpose of vRealize Orchestrator

3 v Realize Orchestrator Workflow Basics

Create vRealize Orchestrator workflows
Use logs in vRealize Orchestrator workflows
Use variables in vRealize Orchestrator workflows
Use parameter bindings in vRealize Orchestrator workflows

4 vRealize Orchestrator Workflow Design

Considerations

Apply configuration elements in vRealize Orchestrator workflows
Use resource elements in vRealize Orchestrator workflows
Construct scriptable tasks in vRealize Orchestrator workflows
Create vRealize Orchestrator actions
Implement user interactions in vRealize Orchestrator
Change user interaction with input presentation

5 Developing vRealize Orchestrator Workflows

Implement decision elements and switch elements in vRealize Orchestrator workflows
Use switch elements in vRealize Orchestrator workflows
Employ debugging in vRealize Orchestrator workflows
Use loops in vRealize Orchestrator workflows
Explain exception handling in vRealize Orchestrator workflows

6 Introduction to vRealize Automation Extensibility

Outline vRealize Automation components and functionality
Implement extensibility in vRealize Automation
Use NSX on-demand components in blueprints

7 Extending vRealize Automation with Event Broker

Describe how the event broker enhances extensibility

Explain event broker functionality
Discuss event-based processes
Illustrate the master workflow
Demonstrate how information exchange occurs between event broker and vRealize Orchestrator

8 Unified Services in vRealize Automation

Create and request XaaS blueprints
Use XaaS actions to provide day 2 operations
Use form designer to enhance user interaction
Use custom forms to enhance user interaction

9 API Tools

Describe the API interfaces available in vRealize Orchestrator
Use vRealize Orchestration Rest API
Use vRealize Cloud Client

