



Enterprise Computing Solutions - Education Services

## NABÍDKA ŠKOLENÍ

---

**Prosím kontaktujte nás zde**

Arrow ECS, a.s., 28. října 3390/111a, 702 00 Ostrava

Email: [training.ecs.cz@arrow.com](mailto:training.ecs.cz@arrow.com)  
Phone: +420 597 488 811

# VMware vRealize Automation: Orchestration and Extensibility [V8.6]

<b>Kód:</b>	<b>DÉLKA:</b>	<b>CENA:</b>
VMW-VRAOE86	40 Hours (5 DENNÍ)	Kč bez DPH 54,000.00

## Description

During this five-day course, you focus on using VMware vRealize® Orchestrator™ to extend the functionality of VMware vRealize® Automation™. You learn how to provide XaaS (Anything as a Service) and implement Machine Lifecycle Extensibility using the VMware vRealize® Automation™ Event Broker. You also learn how to create vRealize Orchestrator workflows and vRealize Automation ABX actions. You learn about various features, including basic scripting implementation along with logic processing to implement a variety of functions to use in your environment. This course teaches implementing debugging, loops, conditions, and user interactions in vRealize Orchestrator.

The course introduces the new vRealize Orchestrator HTML 5 interface, along with API calls and REST functions, to give you the groundwork to implement a variety of plugins and scripts. This course is designed to give you the tools to craft custom solutions in the product.

### Product Alignment

- VMware vSphere® 7.0
- VMware vRealize Automation 8.6
- VMware vRealize Orchestrator 8.6
- VMware vRealize® Suite Lifecycle Manager™ 8.6

## Cíle

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

- Describe the features and benefits of integrating vRealize Orchestrator and vRealize Automation
- Describe the role of vRealize Orchestrator workflows and content elements in automation
- Use the vRealize Orchestrator client to access and navigate the vRealize Orchestrator platform
- Use the vRealize Orchestrator client to import and run vRealize Orchestrator library workflows
- Design, develop, and run custom reusable vRealize Orchestrator workflows
- Integrate vRealize Automation with vRealize Orchestrator to deliver custom IT services
- Use the vRealize Automation event broker service to trigger specific vRealize Orchestrator workflows or ABX Actions
- Leverage the event broker to extend IaaS (Infrastructure-as-a-Service) machine lifecycle processes
- Use XaaS to extend vRealize Automation into other enterprise systems
- Use VMware APIs to run vRealize Orchestrator workflows
- Use the vSphere Client Code Capture feature

## Určeno pro

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

## Vstupní znalosti

This course requires the following prerequisites:

- Knowledge of VMware vSphere®
- VMware vRealize Automation: Install, Configure, Manage [V8.3] course or equivalent knowledge
- Working knowledge of scripting or programming using JavaScript, Windows

## Program

- 2 Overview of vRealize Automation and vRealize Orchestrator
  - Define the purpose of vRealize Automation
  - Outline the purpose of vRealize Orchestrator
- 1 Course Introduction
  - Introductions and course logistics
  - Course objectives
- Describe the main components of vRealize Automation
- Describe the main components of vRealize Orchestrator
- 3 Creating Schema Elements
  - Invoking JavaScript from a vRealize Orchestrator workflow
  - Invoking a vRealize Orchestrator Workflow from a vRealize Orchestrator workflow
  - Invoking an action from a vRealize Orchestrator workflow
  - Using vRealize Orchestrator workflows both synchronously and asynchronously
- 4 Working with Variables
  - Defining inputs, outputs, and variables in vRealize Orchestrator workflows
  - Binding variables in vRealize Orchestrator workflows
  - Wrapping vRealize Orchestrator workflows
  - Using APIs and the API Explorer
  - Creating actions in vRealize Orchestrator
  - Using vRealize Orchestrator input forms
  - Handling user interactions in vRealize Orchestrator
- 5 Handling Exceptions, Logging, and Debugging
  - Handling exceptions in vRealize Orchestrator workflows
  - Using logs in vRealize Orchestrator workflows
  - Debugging vRealize Orchestrator workflows
- 6 Branching and Looping
  - Using branching in vRealize Orchestrator workflows
  - Using loops in vRealize Orchestrator workflows
- 8 Working with Plug-Ins
  - Downloading and installing Plug-Ins
  - Using the SSH plug-in in vRealize Orchestrator
  - Using the REST plug-in in vRealize Orchestrator
  - Using the vRealize Automation plug-in in vRealize Orchestrator
  - Using the PowerShell plug-in in vRealize Orchestrator
- 7 Working with Assets
  - Using configuration elements in vRealize Orchestrator
  - Using resources in vRealize Orchestrator
  - Using packages in vRealize Orchestrator

## Termíny školení

Termíny školení na vyžádání, [kontaktujte nás prosím](#)

## Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)