

VMware vCenter Orchestrator: Develop Workflows

Delivery Methods

- Onsite training

Course Duration

- Three days of instructor-led training
- 50% lecture, 50% hands-on lab

Target Audience

- Orchestration specialists
- Middleware developers
- System integrators
- System administrators with scripting skills

Prerequisites

Knowledge of vSphere technology

Ability to script or program in JavaScript, Java, Python, C++, or similar languages

Pricing

Contact your VMware® representative or a VMware Authorized Training Center for pricing information.

More Information

Onsite training is available for customers who prefer to bring a VMware Certified Instructor to their own facilities. For more information about onsite classes, including facility requirements, go to <http://www.vmware.com/education>.

Course Overview

This hands-on training course explores the use of VMware vCenter™ Orchestrator™ for the automation of IT processes, both physical and virtual.

To learn more about VMware vSphere® administration, go to <http://www.vmware.com/education> for other course options.

Course Objectives

By the end of the course, you should gain an understanding of the features and functions of Orchestrator and be able to do the following:

- Install and configure Orchestrator
- Install and configure VMware vCenter Server™
- Use the Orchestrator client to browse vSphere objects
- Develop and run parameterized workflows
- Build workflows that call other workflows
- Use Orchestrator plug-ins to send email and to execute shell commands remotely
- Export and package workflows

Course Modules

1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 	6 Basics of Workflow Development <ul style="list-style-type: none"> • Workflow design • Types of workflows • Encapsulation
2 VMware vCenter Orchestrator Overview <ul style="list-style-type: none"> • Role of Orchestrator in the vSphere architecture • Orchestrator plug-ins 	7 VMware vSphere API from an Orchestrator Perspective <ul style="list-style-type: none"> • Using the vSphere object model in Orchestrator
3 Installing and Configuring Orchestrator <ul style="list-style-type: none"> • Orchestrator and its database • Required infrastructure components 	8 Integrating Orchestrator <ul style="list-style-type: none"> • Calling external systems from Orchestrator
4 Using the Orchestrator Smart Client <ul style="list-style-type: none"> • Browsing objects • Scheduling workflows 	9 Delivering Workflows <ul style="list-style-type: none"> • Synchronizing workflows among Orchestrator servers • Exporting and packaging workflows
5 Development Concepts <ul style="list-style-type: none"> • Using the workflow editor GUI • Workflow schemas • Binding parameters 	10 Summary <ul style="list-style-type: none"> • Resources • Adoption planning • Next steps



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com
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