Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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VMware Cloud Orchestration and Extensibility [V7.1]

CÓDIGO:	DURACIÓN:	Precio:
VMW_VCOE71	40 Hours (5 días)	€2,060.00

Description

In this five-day course, you will explore the use of VMware vRealize® Orchestrator™ 7.1 and VMware vRealize® Automation™ 7.1 for the automation of VMware cloud infrastructure and IT processes. This course focuses on extensibility and advanced administration through the use of vRealize Orchestrator workflows in vRealize Automation. You will gain practical experience through the completion of hands-on labs.

Product Alignment
- VMware vRealize Orchestrator 7.1
- VMware vRealize Automation 7.1

Objetivos

By the end of the course, you should be able to meet the following objectives:
- Describe the features, benefits, components, and integration of vRealize Orchestrator and vRealize Automation and the role of vRealize Orchestrator workflows and content elements in automation
- Use the vRealize Orchestrator client to access and navigate the vRealize Orchestrator platform and to import and run library vRealize Orchestrator workflows
- Design, develop, and run custom reusable vRealize Orchestrator workflows
- Use VMware APIs in vRealize Orchestrator workflow scripts
- Integrate vRealize Automation with vRealize Orchestrator instances to extend IaaS machine lifecycle processes and enhance and deliver custom IT services
- Use XaaS to extend vRealize Automation into other enterprise systems
- Use the vRealize Automation event broker to trigger specific vRealize Orchestrator workflows

Público

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

Requisitos Previos

This course requires the following prerequisites:
- Knowledge of VMware vSphere
- VMware vRealize Automation: Install, Configure, Manage [V7] course or equivalent knowledge
- Working knowledge of scripting or programming using JavaScript, Windows PowerShell, Perl, Java, Python, or similar languages

Programa

1. Course Introduction

- Introductions and Course Logistics
- Course Objectives

2. Enterprise Cloud Architecture and Components

- Extending Enterprise Systems
- vRealize Automation and the Enterprise
- Unified Self-Service Portal Components
- Managing Provisioned Items

- Converged Blueprint Concepts
- vRealize Orchestrator Overview

3. vRealize Orchestrator Workflow Basics

- Orchestration Workflows
- Logs in Workflows
- Working with Workflows
- Information Flow in Workflows

4. vRealize Orchestrator Workflow Design Considerations

- Configuration and Resource Elements
- Scriptable Tasks and Actions
- Input Presentation
- User Interactions

5. Developing vRealize Orchestrator Workflows

- Decision Elements and Switch Elements
- Creating Loops in Workflows
- Scriptable Tasks and Actions
- Calling vRealize Orchestrator Workflows
- Exception Handling
- Debugging

6. Introduction to vRealize Orchestrator Extensibility

- Introduction to Extensibility
- vRealize Automation Components and Functionality
- VMware NSX® On-Demand Components

7. Extending vRealize Automation with Event Broker

- Event Broker Overview
- Event Broker Functionality
- Event-Based Processes
- Information Exchange Between Event Broker and vRealize Orchestrator
- Integrating Workflows Based on the vRealize Automation Plug-In with Event Broker

8. Unified Services in vRealize Automation

- XaaS Blueprints and Actions
- vRealize Automation Form Designer

9. API Tools

- API Interfaces Overview
- vRealize Orchestrator REST API Plug-In
- vRealize CloudClient

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.