



# VMware vRealize Orchestrator Essentials

By Daniel Langenhan

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**VMware vRealize Orchestrator Essentials** By Daniel Langenhan

**Get hands-on experience with vRealize Orchestrator and automate your VMware environment**

## About This Book

- Gain an in-depth understanding of vRO in the VMware infrastructure
- Create your own advanced vRO scripts using JavaScript
- A step-by-step tutorial to manage and create workflows with vRO

## Who This Book Is For

This book is for VMware vSphere administrators who have minimal experience with automation tools and want to learn how to effectively automate their environment with VMware vRealize Orchestrator. A basic understanding of the VMware vSphere terms and concepts would be helpful.

## What You Will Learn

- Familiarize yourself with the Orchestrator architecture and Explore how plugins can expand Orchestrator's capabilities
- Explore how plug-ins can expand Orchestrator's capabilities
- Deploy and configure the vRealize Orchestrator appliance
- Schedule and run workflows using the vSphere Web Client
- Create your own workflows with minimal work
- Use workflow presentations to improve your automation projects
- Integrate JavaScript to enhance your workflows
- Debug your workflows for errors and fix them
- Learn how to create, import, and export packages, to enable easy exchange solutions with others

## In Detail

The automation of virtual environments has become the focus of many endeavors. VMware vRealize Orchestrator is a tool that enables you to automate

not only your VMware environments, but also the surrounding hardware and software infrastructure. Orchestrator is also a central tool in the VMware cloud initiative and is extensively used by products such as vRealize Automation.

In this book, you will learn how Orchestrator is able to help you automate your complete VMware infrastructure as well as its surrounding hardware and software. After deploying and configuring the vRealize Orchestrator appliance, you will learn how to run the existing workflows that are a part of the Orchestrator library. You will also see how the vSphere Web Client integration of Orchestrator reduces the time you spend on your daily admin tasks.

The main aspect here is to learn how to create new workflows from existing ones. You will also look at how you can create completely new workflows. This includes learning about JavaScript and using presentation features to improve the layout and user friendliness of your workflows. Toward the end, you will learn to check for errors in your workflows and debug them. By the time you're done with the book, you'll be proficient in managing your workflows.

## Style and approach

This book follows a sequential approach with ample screenshots in the examples that convey a deeper understanding of all Orchestrator-related tasks.

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### VMware vRealize Orchestrator Essentials By Daniel Langenhan Bibliography

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### Editorial Review

From the Author

Please note that there is an **update** for **vRO7** that just got released.

You can download the update from my website:

[langenhan.info/vRO-Essential\\_update.pdf](http://langenhan.info/vRO-Essential_update.pdf)

About the Author

### Daniel Langenhan

Daniel Langenhan is a virtualization expert with formidable skills in architecture, design, and implementation for large multi-tier systems. His experience and knowledge of process management, enterprise-level storage, and Linux and Windows operating systems has made him and his business a highly sought-after international consultancy in the Asia-Pacific and European regions for multinational clientele in the areas of finance, communication, education, and government. Daniel has been working with VMware products since 2002 and has been directly associated with VMware since 2008. He has a proven track record of successfully integrating virtualization into different business areas while minimizing the costs and maximizing the reliability and effectiveness of the solution for his clients. His expertise and practical approach towards VMware has resulted in the publication of the following books by Packt Publishing: • Instant VMware vCloud Starter • VMware View Security Essentials • VMware vCloud Director Cookbook • VMware vRealize Orchestrator Cookbook He has also lent his expertise to many other publishing projects as a technical editor.

### Users Review

**From reader reviews:**

**Mable Garza:**

This VMware vRealize Orchestrator Essentials book is not really ordinary book, you have after that it the world is in your hands. The benefit you receive by reading this book is usually information inside this book incredible fresh, you will get facts which is getting deeper you actually read a lot of information you will get. That VMware vRealize Orchestrator Essentials without we recognize teach the one who studying it become critical in pondering and analyzing. Don't become worry VMware vRealize Orchestrator Essentials can bring any time you are and not make your handbag space or bookshelves' turn out to be full because you can have it in your lovely laptop even cellphone. This VMware vRealize Orchestrator Essentials having excellent arrangement in word in addition to layout, so you will not feel uninterested in reading.

**Robert Stratton:**

The particular book VMware vRealize Orchestrator Essentials has a lot details on it. So when you read this book you can get a lot of profit. The book was compiled by the very famous author. Tom makes some research prior to write this book. This particular book very easy to read you can get the point easily after reading this article book.

**Nathaniel Thomas:**

Exactly why? Because this VMware vRealize Orchestrator Essentials is an unordinary book that the inside of the reserve waiting for you to snap it but latter it will shock you with the secret the item inside. Reading this book close to it was fantastic author who have write the book in such awesome way makes the content interior easier to understand, entertaining way but still convey the meaning completely. So , it is good for you for not hesitating having this any longer or you going to regret it. This phenomenal book will give you a lot of gains than the other book get such as help improving your skill and your critical thinking means. So , still want to hold off having that book? If I were being you I will go to the publication store hurriedly.

**Jeffrey Blough:**

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