

## Learning VMware vRealize Automation

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Automate VMware NSX using vRealize Automation Part 1: vRealize Automation 8 Deployment with vRealize Easy Installer Comparing vRealize Automation and vRealize Orchestrator VMware vRealize Automation Cloud - Code Stream ~~Introducing Ansible Tower Integration in vRealize Automation~~ Eine Einf ü hrung in VMware vRealize Automation 7 Learning vRealize Orchestrator vRO 8.1 Automating with vRO 7 - Part 01 - Introduction vRA 8.1 vFUN with vRealize Automation ABX and IoT

DevOps for Infrastructure with vRealize Automation Cloud ~~Data Center Network Evolution with NSX | VMware~~ VMware vRealize Automation Cloud - Service Broker

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vRealize Automation Cloud / 8 - Blueprinting 101 - P4

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vRealize Automation What's New in 8.1 ~~vRealize Orchestrator Basics Part 4~~ vRealize Automation 7.5 - Deployment ~~Google Cloud Plug-in for VMware vRealize Automation~~

VMware vRealize Automation integration with ServiceNow (vRA ITSM Plugin) Automating with vRO 7 - Part 09 - Creating VMs with a vRO Workflow Learning VMware vRealize Automation

VMware vRealize Automation: Orchestration and Extensibility [V7.6] Summary: - Formats: Classroom, Live Online, vFlex-ILT, Onsite. - Length: 5 Days. Overview: 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 vRealize Automation Event Broker.

VMware vRealize Automation: Orchestration and ...

You learn about how vRealize Automation can be used to automate the delivery of virtual machines, applications, and personalized IT services across different data centers and hybrid cloud environments. The course covers how to manage both on-premise systems and cloud services. The course covers how vRealize Automation Service Broker can aggregate content in native formats from multiple clouds and platforms into a common catalog.

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### VMware vRealize Automation: Install, Configure, Manage [V8]

Learn to install the vRealize Automation product in a distributed architecture using a load balancer; Plan backup and recovery strategies for every vRealize automation component; Use vRealize Automation to manage applications and improve operational efficiency using this simple and intuitive guide; Who This Book Is For

### Amazon.com: Learning VMware vRealize Automation eBook ...

Overview: During this course, equivalent to five days of training, you focus on installing, configuring, and managing VMware vRealize® Automation™. You learn about the configuration and use of the vRealize Automation platform, including self-service provisioning and the creation of catalog services that include predefined virtual machines, software components, and on-demand VMware NSX® networks.

### VMware vRealize Automation: Install, Configure, Manage [V7 ...

Overview: This is a five-day course that is a follow-on to the VMware vRealize® Automation™ Install, Configure, Manage course. In this course, you go deeper into using the advanced features of vRealize Automation to deploy user systems and interface vRealize Automation with other platforms. The course covers deploying and enterprise level cluster environment using VMware vRealize® Suite Lifecycle Manager™.

### VMware vRealize Automation: Advanced Features and ...

What you'll learn. Understand the basic building blocks of vRealize Automation before embarking on the journey of installation. Get a quick overview of the identity management components of vRealize Automation with the configuration with Microsoft Active Directory.

### Learning vRealize Automation 7.2 | Udemy

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.

### VMware vRealize Automation: Orchestration and ...

Last modified by Packtpartner on Dec 12, 2016 2:28 AM. If you want to start your journey with vRealize Automation then you definitely have to check out " Learning VMware vRealize Automation " written by Sriram Rajendran. It is your one-stop instruction guide to installing and configuring a distributed setup using NSX load balancer.

### Book: Learning VMware vRealize Automation |VMware Communities

Offering a unified management experience and intelligent operations, the VMware vRealize Suite lets you standardize and automate resource delivery across a hybrid cloud. These training courses from VMware Education Services enable you to take advantage of all the features and functions included and get the most out of your vRealize environment.

## Read Free Learning VMware vRealize Automation

Announcing new pricing for digital access to VMware Customer Connect Learning. Take your skills to the next level with a Premium Subscription for only \$269/year and get access to valuable exam preps and training content including the newly introduced VMware Certified Technical Associate.

### VMware Learning

You will learn how to use the new features, design changes, and enhancements in the vRealize Automation platform. This course presumes that you have taken the VMware vRealize Automation: Install, Configure, Manage [V7.3] course. You should have a basic understanding of how to install and configure vRealize Automation.

### VMware vRealize Automation: What's New [V7.3 to V7.5] - On ...

This course will focus on installing, configuring, and managing VMware vRealize® Automation™. You will gain an understanding on how to use vRealize Automation to automate the delivery of virtual machines, applications, and personalized IT services across different data centers and hybrid cloud environments.

### VMware vRealize Automation: Install, Configure, Manage [V8 ...

This course also covers interfacing vRealize Automation with other systems using VMware vRealize® Orchestrator™ to leverage workflows, creating approval cycles, and managing machine lifecycles to conserve resources.

### VMware vRealize Automation: Install, Configure, Manage [V7 ...

Welcome to VMware vRealize® Automation™ documentation. Learn how you can provide a secure portal where authorized administrators, developers, or business users can request new IT services. Manage your cloud and IT resources, while ensuring compliance with business policies.

### VMware vRealize Automation Documentation

Just before VMworld 2019 in Barcelona, we released vRealize Automation (vRA) 8.0 which provided the most significant update to the product since it was acquired in 2012. It introduces a new modern architecture, welcomes the multi-cloud era and dramatically revamps blueprint canvas to embrace the concept of infrastructure-as-code.

### What is New in vRealize Automation 8 - VMware Learning

Get to grips with the failover process for all components in vRealize Automation. Learn to configure the NSX loadbalancer for vRealize Orchestrator for high availability. Leverage ASD to develop...

### Learning VMware vRealize Automation by Sriram Rajendran ...

Explore a preview version of Learning VMware vRealize Automation right now. O'Reilly members get unlimited access to live online training experiences, plus books, videos, and digital content from 200+ publishers. Start your free trial

### Learning VMware vRealize Automation [Book]

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vRealize Automation provides the ability to create models of services. These services are abstracted from each other within a single solution. For example, application services (PaaS) are abstracted from infrastructure services (IaaS), which are further abstracted from resource pools.

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VMware vRealize Automation: Install, Configure, Manage [V8] - On Demand Five-day, comprehensive training course on installing, configuring, and managing VMware vRealize® Automation™.

Learn the fundamentals of vRealize Automation to accelerate the delivery of your IT services About This Book Learn to install the vRealize Automation product in a distributed architecture using a load balancer Plan backup and recovery strategies for every vRealize automation component Use vRealize Automation to manage applications and improve operational efficiency using this simple and intuitive guide Who This Book Is For This book is for anyone who wants to start their journey with vRealize Automation. It is your one-stop instruction guide to installing and configuring a distributed setup using NSX load balancer. Regardless of whether or not you have used vRealize Automation before, following the steps provided in each chapter will get you started with the product. What You Will Learn Understand the basic building blocks of vRealize Automation before embarking on the journey of installation Familiarize yourself with the requirements and steps that need to be performed during the first phase of the distributed installation Carry out a functional validation of the first phase of installation before completing the installation Build a blueprint for vSphere endpoint, an essential step for a successful deployment of a service catalog Create, configure, and deploy tenants, endpoints, blueprints, and the service catalog Get to grips with the failover process for all components in vRealize Automation Learn to configure the NSX loadbalancer for vRealize Orchestrator for high availability Leverage ASD to develop XaaS (Anything as a Service) in vRealize Automation to deliver valuable competence In Detail With the growing interest in Software Defined Data Centers (SDDC), vRealize Automation offers data center users an organized service catalog and governance for administrators. This way, end users gain autonomy while the IT department stays in control, making sure security and compliance requirements are met. Learning what each component does and how they dovetail with each other will bolster your understanding of vRealize Automation. The book starts off with an introduction to the distributed architecture that has been tested and installed in large scale deployments. Implementing and configuring distributed architecture with custom certificates is unarguably a demanding task, and it will be covered next. After this, we will progress with the installation. A vRealize Automation blueprint can be prepared in multiple ways; we will focus solely on vSphere endpoint blueprint. After this, we will discuss the high availability configuration via NSX loadbalancer for vRealize Orchestrator. Finally, we end with Advanced Service Designer, which provides service architects with the ability to create advanced services and publish them as catalog items. Style and approach This book takes a step-by-step approach, is explained in a conversational and easy-to-follow style, and includes ample screenshots. Each topic is explained sequentially through planning, preparing, installing, configuring, and validating of all vRealize Automation's components.

If you are a VMware administrator who is interested in automating your infrastructure, this book is for you. An understanding of basic programming concepts is advised. No previous knowledge of Orchestrator is required, although some previous knowledge of it will allow you to get started more easily.

Learning PowerCLI is written in a friendly and practical style with a focus on getting you started and automating daily tasks quickly and efficiently. If you manage

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or administrate a vSphere environment, and want to make that easier and more efficient, then this book is for you! This book is ideal for you if you want to learn how to automate your VMware vSphere infrastructure, by getting the most out of PowerCLI. It ' s assumed that you have some experience in administrating a VMware vSphere environment. Knowledge of Microsoft ' s Windows PowerShell is not a prerequisite.

**VMware vRealize Automation - Handbook** The complete guide to vRealize Automation and how to build your own private cloud. The book helps customers to implement a private cloud solution based on VMware's vRealize automation. After an introduction and discussion of basic cloud concepts, vRealize Automation will be introduced. The book discusses the conceptual design as well as how to implement vRealize Automation. The book will give step-by-step instructions how to configure vRealize Automation. Furthermore, tips from real projects will be given. The book acts as a reference as well as cookbook for customers. With the cloud becoming more and more important, many companies still try to find a strategy to implement their own private cloud. VMware helps companies with vRealize Automation - one of the most important products within VMware Software Defined Datacenter (SDDC) strategy. This book is a complete guide to vRealize Automation and will cover all aspects when implementing a vRealize Automation solution - from design, to installation, configuration and extensibility. This book is designed to help the reader to gain all necessary vRealize skills and see use cases on real-life projects.

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.

Over 90 recipes to satisfy all your automation needs and leverage vRealize Orchestrator 7.1 for your projects  
**About This Book**- Unleash the power of VMware vRealize Orchestrator 7 and automate your VMware infrastructure- Customize and tune your orchestrator by programming and working with plugins- Work

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through enticing recipes that can be implemented in your organization- Explore the new and upcoming plugins of Puppet, Docker, Chef, and VMware Replication for VMware vRealize Orchestrator Who This Book Is For This book is for system administrators who are into VMware administration and are looking to automate their infrastructure. Basic knowledge about programming is needed. No previous knowledge of Orchestrator is required. This book will also be good for you if you have just a basic knowledge with vRealize Orchestrator, as you can pick up any recipe and implement it for your enterprise. What You Will Learn- Install, configure, and optimize Orchestrator installations (Windows, Appliance, and vRA integrated)- Explore all the visual programming elements without needing additional infrastructure- Work with plugins such as SSH, mail, SQL, PowerShell, AD, SOAP, SNMP, AMQP, and REST- Discover how to create VMware automation- Get to know about user management, import/export, and synchronization as well as the packaging application - Understand policies, resources, and web views- Troubleshoot vRO Appliance In Detail VMware vRealize Orchestrator is a powerful automation tool designed for system administrators and IT operations staff who are planning to streamline their tasks and are waiting to integrate the functions with third-party operations software. This book is an update to VMware vRealize Orchestrator Cookbook and is a blend of numerous recipes on vRealize Orchestrator 7. This book starts with installing and configuring vRealize Orchestrator. We will demonstrate how to upgrade from previous versions to vRealize Orchestrator 7. You will be taught all about orchestrator plugins and how to use and develop various plugins that have been enhanced in Orchestrator 7. Throughout this book, you will explore the new features of Orchestrator 7, such as the introduction of the control center, along with its uses. You will also come to understand visual programming, how to integrate base plugins into workflows, and how to automate VMware. You will also get to know how to troubleshoot vRealize Orchestrator. By the end of this book, you will be able to get the most out of your Orchestrator installation, and will be able to develop complex workflows and create your own highly integrated automations of vRealize environments. Style and approach This practical guide provides exciting and practical recipes on VMware vRealize Orchestrator 7 for those who are waiting to automate their infrastructure.

Invent your own Python scripts to automate your infrastructure Key Features Make the most of Python libraries and modules to automate your infrastructure Leverage Python programming to automate server configurations and administration tasks Efficiently develop your Python skill set Book Description Hands-On Enterprise Automation with Python starts by covering the set up of a Python environment to perform automation tasks, as well as the modules, libraries, and tools you will be using. We ' ll explore examples of network automation tasks using simple Python programs and Ansible. Next, we will walk you through automating administration tasks with Python Fabric, where you will learn to perform server configuration and administration, along with system administration tasks such as user management, database management, and process management. As you progress through this book, you ' ll automate several testing services with Python scripts and perform automation tasks on virtual machines and cloud infrastructure with Python. In the concluding chapters, you will cover Python-based offensive security tools and learn how to automate your security tasks. By the end of this book, you will have mastered the skills of automating several system administration tasks with Python. What you will learn Understand common automation modules used in Python Develop Python scripts to manage network devices Automate common Linux administration tasks with Ansible and Fabric Managing Linux processes Administrate VMware, OpenStack, and AWS instances with Python Security automation and sharing code on GitHub Who this book is for Hands-On Enterprise Automation with Python is for system administrators and DevOps engineers who are looking for an alternative to major automation frameworks such as Puppet and Chef. Basic programming knowledge with Python and Linux shell scripting is necessary.

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If you are an administrator of a virtual environment and have used vROps before but want to gain a professional understanding by implementing complex tasks easily with it, then this book is for you.

Plan, design, deploy, and administer the solutions available in VxRail Appliance Key Features Learn how to plan and design the VxRail HCI system Understand VxRail's administration, lifecycle management, and cluster scale-out Explore migration methodologies for VxRail systems Book Description Hyper-converged infrastructure (HCI) can help you simplify the provisioning and daily operations of computing and storage. With this book, you'll understand how HCI can offload the day 0 deployment and day-to-day operations of a system administrator. You'll explore the VxRail Appliance, which is an HCI solution that provides lifecycle management, automation, and operational simplicity. Starting with an overview of the VxRail Appliance system architecture and components, you'll understand the benefits of the VxRail system and compare it with the environment of traditional servers and storage. As you advance, the book covers topics such as disaster recovery and active-active and active-passive solutions for VxRail. By the end of this book, you'll have gained the confidence to manage the deployment, administration, planning, and design of a VxRail system. What you will learn Set up the hardware and software requirements for a VxRail installation Monitor the status of VxRail appliances with the VxRail Manager plugin Get to grips with all the administration interfaces used to manage the VxRail appliance Understand vCenter roles and permissions management in the VxRail cluster Discover best practices for vSAN configuration in the VxRail cluster Find out about VxRail cluster scale-out rules and how to expand the VxRail cluster Deploy active-passive solutions for VxRail with VMware Site Recovery Manager (SRM) Who this book is for If you are a system architect, system administrator, or consultant involved in planning and deploying VxRail HCI or want to learn how to use VxRail HCI, then this book is for you. Equivalent knowledge and administration experience with ESXi and vCenter Server will be helpful.

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