

The book was found

OpenStack Administration With Ansible



Synopsis

Key Features
Automate real-world OpenStack cloud operator administrative tasks
Construct a collection of automation code to save time on managing your OpenStack cloud
Use this step-by-step tutorial to automate such tasks with Ansible

Book Description
Most organizations are seeking methods to improve business agility because they have realized just having a cloud is not enough. Being able to improve application deployments, reduce infrastructure downtime, and eliminate daily manual tasks can only be accomplished through some sort of automation. Packed with real-world OpenStack administrative tasks, this book will walk you through working examples and explain how these tasks can be automated using one of the most popular open source automation tools—Ansible. We will start with a brief overview of OpenStack and Ansible and highlight some best practices. Each chapter will provide an introduction to handling various Cloud Operator administration tasks such as creating multiple users/tenants, setting up Multi-Tenant Isolation, customizing your clouds quotas, taking instance snapshots, evacuating compute hosts for maintenance, and running cloud health checks, and a step-by-step tutorial on how to automate these tasks with Ansible.

What you will learn
Efficiently execute OpenStack administrative tasks
Familiarize yourself with how Ansible works and assess the defined best practices
Create Ansible playbooks and roles
Automate tasks to customize your OpenStack cloud
Review OpenStack automation considerations when automating administrative tasks
Examine and automate advanced OpenStack tasks and designated use cases
Get a high-level overview of OpenStack and the current production-ready projects
Deep dive into OpenStack CLI tools and find out how to use them

About the Author
Walter Bentley is a private cloud solutions architect with Rackspace. He has a diverse background in production systems administration and solutions architecture. He has over 15 years of experience across numerous industries, such as online marketing, finance, insurance, aviation, food, education, and now in technology product space. In the past, he has typically been the requestor, consumer, and advisor to companies in the use of technologies such as OpenStack. He is now a promoter of OpenStack technology and a cloud educator. In Walter's current role, he is focused on helping customers build, design, and deploy private clouds built on OpenStack. His role also involves professional services, engagements around operating the built OpenStack clouds, and DevOps engagements creating playbooks/roles with Ansible. Recently, Walter was given the honor to be present at the OpenStack Vancouver and Tokyo Summits. As well as this, he was given the great opportunity to present at AnsibleFest events in London and New York. Some of his other experiences involve performing webinars, blogging about OpenStack, and speaking at various technology conferences. Another wonderful experience is Walter being allowed to take part in the

technical review of the newly launched OpenStack Cloud Computing Cookbook, Third Edition, Packt Publishing. Table of Contents An Introduction to OpenStack An Introduction to Ansible Creating Multiple Users/Tenants Customizing Your Cloud's Quotas Snapshot Your Cloud Migrating Instances Setting up Isolated Tenants Deploying OpenStack Features Inventory Your Cloud Health Check Your Cloud

Book Information

Paperback: 218 pages

Publisher: Packt Publishing - ebooks Account (January 28, 2016)

Language: English

ISBN-10: 1785884611

ISBN-13: 978-1785884610

Product Dimensions: 7.5 x 0.5 x 9.2 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,529,741 in Books (See Top 100 in Books) #427 in Books > Computers & Technology > Networking & Cloud Computing > Cloud Computing #1636 in Books > Computers & Technology > Networking & Cloud Computing > Network Administration #3830 in Books > Computers & Technology > Operating Systems

[Download to continue reading...](#)

OpenStack Administration with Ansible OpenStack Essentials OpenStack in Action Common OpenStack Deployments: Real World Examples for Systems Administrators and Engineers OpenStack Essentials - Second Edition Essential System Administration: Tools and Techniques for Linux and Unix Administration Solaris 10 System Administration Essentials (Oracle Solaris System Administration Series) Essential System Administration: Tools and Techniques for Linux and Unix Administration, 3rd Edition Public Administration: An Action Orientation, (with CourseReader 0-30: Public Administration Printed Access Card) Beginning Oracle Database 11g Administration: From Novice to Professional (Expert's Voice in Oracle) Database Design, Application Development, and Administration, Sixth Edition Advanced WebLogic Server Automation: Administration and Monitoring with WLST and JMX (Oracle In-Focus Series) (Volume 46) Oracle WebLogic Server 12c: Distinctive Recipes: Architecture, Development and Administration Oracle Solaris 11.2 System Administration Handbook (Oracle Press) C#: Design Patterns: The Easy Way Standard Solutions for Everyday Programming Problems; Great for: Game Programming, System Administration, App Programming,

... & Database Systems (Design Patterns Series) C#: Design Patterns: The Easy Way Standard Solutions for Everyday Programming Problems; Great for: Game Programming, System Administration, App ... & Database Systems (Design Patterns Series) Network Troubleshooting Tools (O'Reilly System Administration) System Performance Tuning, 2nd Edition (O'Reilly System Administration) Moodle 3 Administration - Third Edition IIS 8 Administration: The Personal Trainer for IIS 8.0 and IIS 8.5 (The Personal Trainer for Technology)

[Dmca](#)