

# Mastering Ansible

As recognized, adventure as without difficulty as experience about lesson, amusement, as with ease as pact can be gotten by just checking out a book **mastering ansible** as well as it is not directly done, you could resign yourself to even more more or less this life, in relation to the world.

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# Read Online Mastering Ansible

Book Review : Mastering Ansible (Jesse Keating) by Zareef Ahmed  
Mastering Ansible: Ansible Playbook Modules | packtpub.com  
Mastering Ansible - 3rd Edition | 1. The System Architecture and Design of Ansible  
**What is Ansible | Ansible Playbook explained | Ansible Tutorial for Beginners**  
Mastering Ansible: Using Includes and Imports | packtpub.com

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Mastering Ansible: The Course Overview | packtpub.com

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*Mastering Ansible - Introduction*  
*Ansible Tutorial for Beginners | DevOps | Automation | How Ansible works? | Top IT skills 2020*  
*Getting started with Ansible 03 - Setting up the Git Repository*  
*Ansible - Advanced Playbooks*  
*Automate your virtual lab environment with Ansible and Vagrant*  
*Ansible - an absolute basic overview*  
*Ansible Automation | Ansible Roles,*

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Templates and Tags *Felix Kaiser: Ansible Crashkurs* **Ansible Full Course | Ansible Tutorial For Beginners | Learn Ansible Step By Step | Simplilearn** *Create docker containers using Ansible* **Chef vs Puppet vs Ansible vs Saltstack | Configuration Management Tools | DevOps Tools | Simplilearn** ~~Ansible Advanced Template Loops Tutorial~~ ~~Use Loop Vars in Your Templates~~ **CI/CD for Ansible Playbooks and Roles** **Triggering ansible playbook from Jenkins** **Mastering Ansible: Ansible Inventories| packtpub.com** **Mastering Ansible: Troubleshooting Ansible| packtpub.com** **HOWTO: Using Ansible facts to make decisions in playbooks** **Ansible 101 - Episode 3 - Introduction to Playbooks** ~~Mastering Ansible - 3rd Edition | 2. Protecting Your Secrets with Ansible~~ ~~Getting started with~~

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~~Ansible 01—Introduction~~ Mastering ansible from zero to hero  
*#INIT6 IN 6: Mastering Ansible for DevNet Associate*

## **Mastering Ansible**

One year on since initially launching our Mastering Ansible course in March 2018, we're happy to have helped over 3000 students on Udemy, Master Ansible whilst consistently maintaining a Best Seller 2019-03-14 Using your own control host with the lab

## **MasteringAnsible.com**

Mastering Ansible is a step-by-step journey of learning Ansible for configuration management and orchestration. The course is designed as a journey through configuring a realistic application stack from the ground up. Instead of going page-

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by-page through the Ansible documentation, topics are ordered to align with the growing complexity of our application as we build it up and refactor it.

### **Mastering Ansible: Learn Configuration Management and**

...

Mastering Ansible also provided some nifty tips and tricks like Jinja Macros, ansible-vault with a script, and merging hashes that I didn't know were possible. Of course the book answered my variable precedence question – another thing it did was provide some clarity around using variables with includes which was what I really needed.

**Mastering Ansible: Keating, Jesse: 9781784395483:**

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## **Amazon ...**

Mastering Ansible – From Beginner to Expert in Ansible Udemy Free download. Learn and Master Ansible to expedite Scalable Orchestration, DevOps, and Automation with the Complete Ansible Curriculum. This course is written by Udemy's very popular author James Spurin. It was last updated on August 16, 2020.

## **[2020] Mastering Ansible - From Beginner to Expert in ...**

Ansible is a radically simple IT automation engine that automates cloud provisioning, configuration management, application deployment, intra-service orchestration, and many other IT needs. Designed for multi-tier deployments since day one, Ansible models your IT infrastructure by describing how

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all of your systems inter-relate, rather than just managing one system at a time.

## **Mastering Ansible [Video] | Packt**

Anything beyond the very basics of Ansible use will utilize variables. Understanding the different variable types and where they can be located, as well as learning how to access external data or prompt users to populate variable data, is the key to mastering Ansible.

## **Mastering Ansible | Packt**

Mastering Ansible Overview This course is designed to move students beyond Ansible Essentials, and joins Ansible with other DevOp skill sets, including: Python scripting, utilizing

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Ansible Galaxy, running automated solutions with Jenkins, syncing code with Git and GitHub, continuous integration, debugging / linting, and much more!

## **Mastering Ansible Training — Alta3 Research**

eBook Description: Mastering Ansible, 3rd Edition: Design, develop, and solve real-world automation and orchestration problems by unlocking the automation capabilities of Ansible. Automation is essential for success in the modern world of DevOps. Ansible provides a simple, yet powerful, automation engine for tackling complex automation challenges. This book will take you on a journey that will help you exploit the latest version's advanced features to help you increase efficiency and ...

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## **Mastering Ansible - Third Edition - Free PDF Download**

Mastering Ansible [Video] This is the code repository for Mastering Ansible [Video], published by Packt. It contains all the supporting project files necessary to work through the video course from start to finish. About the Video Course

## **GitHub - PacktPublishing/Mastering-Ansible: Mastering ...**

Mastering Ansible Automation – Step by Step Course Site  
Start an in-demand career as an IT Automation Expert and learn from IT professionals with live Environment Sessions.

## **Mastering Ansible Automation - Step by Step Course Site**

Exploit the power of Ansible to expedite scalable

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orchestration, DevOps, and automation Suitable for users of all major operating systems (Windows, Mac OS X, and Linux). Explore Ansible with cloud services and its AWS provisioning. Troubleshoot Ansible and its supported resources and utilities.

### **Mastering Ansible [Video] - O'Reilly Online Learning**

Mastering Ansible. This video course aims to help you excel at Ansible while tackling and learning multiple topics. We install and configure it with various platforms. Next, you will get to know about advanced Ansible playbooks, and structure them. Then learn to use Ansible with cloud services and containers and use it with AWS and Docker.

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## Watch Mastering Ansible | Prime Video

Mastering Ansible by Jesse Keating Design, develop, and solve real world automation and orchestration needs by unlocking the automation capabilities of Ansible.

## Mastering Ansible eBook Preview | Ansible.com

Ebook Mastering Ansible 3rd Edition (PDF) –

Cuongquach.com | M?t cu?n sách khá là hay khi nói v? các d?ch v? t? ??ng hoá qu?n lý c?u hình h? th?ng. ??c tr?ng nh? ‘Ansible’ và m?t vài công c? khác c?ng nh? “Chef”, “Puppet”. ‘Ansible’ r?t n?i ti?ng trong danh sách CMS nh?ng làm sao ?? s? d?ng ???c nó không ...

## Ebook Mastering Ansible 3rd Edition (PDF) - Technology

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## Diver

Ansible is a radically simple IT automation engine that automates cloud provisioning, configuration management, application deployment, intra-service orchestration, and many other IT needs. Designed for multi-tier deployments since day one, Ansible models your IT infrastructure by describing how all of your systems inter-relate, rather than just managing one system at a time.

## Mastering Ansible: Scalable Orchestration, DeVos, and ...

Created Date: 6/3/2016 11:37:49 AM

## Ansible

Mastering Julia Julia is a well-constructed programming

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language with fast execution speed, eliminating the classic problem of performing analysis in one language and VMware vRealize Orchestrator Essentials The automation of virtual environments has become the focus of many endeavors.

## **Mastering Ansible - Free eBooks in PDF**

Beyond the basics of Ansible lie a host of advanced features which are available to help you increase efficiency and accomplish complex orchestrations with ease. This book provides you with the knowledge you need to understand how Ansible works at a fundamental level and leverage its advanced capabilities.

**Mastering Ansible by Jesse Keating, Paperback | Barnes**

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Mastering Ansible - Third Edition By James Freeman, Jesse Keating March 2019 Design, develop, and solve real-world automation and orchestration problems by unlocking the automation capabilities of Ansible.

## **Mastering Ansible - Third Edition - Packt**

Ansible provides a simple yet powerful automation engine. Beyond the basics of Ansible lie a host of advanced features which are available to help you increase efficiency and accomplish complex orchestrations with ease.

## Read Online Mastering Ansible

Design, develop, and solve real-world automation and orchestration problems by unlocking the automation capabilities of Ansible. Key Features Tackle complex automation challenges with the newly added features in Ansible 2.7 Book Description Automation is essential for success in the modern world of DevOps. Ansible provides a simple, yet powerful, automation engine for tackling complex automation challenges. This book will take you on a journey that will help you exploit the latest version's advanced features to help you increase efficiency and accomplish complex orchestrations. This book will help you understand how Ansible 2.7 works at a fundamental level and will also teach you to leverage its advanced capabilities. Throughout this book, you will learn how to encrypt Ansible content at rest

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and decrypt data at runtime. Next, this book will act as an ideal resource to help you master the advanced features and capabilities required to tackle complex automation challenges. Later, it will walk you through workflows, use cases, orchestrations, troubleshooting, and Ansible extensions. Lastly, you will examine and debug Ansible operations, helping you to understand and resolve issues. By the end of the book, you will be able to unlock the true power of the Ansible automation engine and tackle complex, real-world actions with ease. What you will learn

- Gain an in-depth understanding of how Ansible works under the hood
- Fully automate Ansible playbook executions with encrypted data
- Access and manipulate variable data within playbooks
- Use blocks to perform failure recovery or cleanup
- Explore the

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Playbook debugger and the Ansible Console Troubleshoot unexpected behavior effectively Work with cloud infrastructure providers and container systems Develop custom modules, plugins, and dynamic inventory sources Who this book is for This book is for Ansible developers and operators who have an understanding of its core elements and applications but are now looking to enhance their skills in applying automation using Ansible.

Design, develop, and solve real world automation and orchestration needs by unlocking the automation capabilities of Ansible About This Book Discover how Ansible works in detail Explore use cases for Ansible's advanced features including task delegation, fast failures, and serial task

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execution Extend Ansible with custom modules, plugins, and inventory sources Who This Book Is For This book is intended for Ansible developers and operators who have an understanding of the core elements and applications but are now looking to enhance their skills in applying automation using Ansible. What You Will Learn Understand Ansible's code and logic flow Safeguard sensitive data within Ansible Access and manipulate complex variable data within Ansible playbooks Handle task results to manipulate change and failure definitions Organize Ansible content into a simple structure Craft a multi-tier rollout playbook utilizing load balancers and manipulating your monitoring system Utilize advanced Ansible features to orchestrate rolling updates with almost no service disruptions Troubleshoot Ansible failures to

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understand and resolve issues Extend Ansible with custom modules, plugins, or inventory sources In Detail Automation is critical to success in the world of DevOps. How quickly and efficiently an application deployment can be automated, or a new infrastructure can be built up, can be the difference between a successful product or a failure. Ansible provides a simple yet powerful automation engine. Beyond the basics of Ansible lie a host of advanced features which are available to help you increase efficiency and accomplish complex orchestrations with ease. This book provides you with the knowledge you need to understand how Ansible works at a fundamental level and leverage its advanced capabilities. You'll learn how to encrypt Ansible content at rest and decrypt data at runtime. You will master the advanced features and

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capabilities required to tackle the complex automation challenges of today and beyond. You will gain detailed knowledge of Ansible workflows, explore use cases for advanced features, craft well thought out orchestrations, troubleshoot unexpected behaviour, and extend Ansible through customizations. Finally, you will discover the methods used to examine and debug Ansible operations, helping you to understand and resolve issues. Style and approach A clear, practical guide that covers best practise, system architecture and design aspects that will help you master Ansible with ease.

Design, develop, and solve real-world automation and orchestration problems by unlocking Ansible's automation

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capabilities Key Features Completely revised and updated for Ansible 4.0 and beyond Tackle complex automation challenges with the newly added features in Ansible Learn about the rapidly expanding field of network automation using Ansible, with the help of practical examples for configuring network devices Book Description Ansible is a modern, YAML-based automation tool (built on top of Python, one of the world's most popular programming languages) with a massive and ever-growing user base. Its popularity and Python underpinnings make it essential learning for all in the DevOps space. This fourth edition of Mastering Ansible provides complete coverage of Ansible automation, from the design and architecture of the tool and basic automation with playbooks to writing and debugging your own Python-based

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extensions. You'll learn how to build automation workflows with Ansible's extensive built-in library of collections, modules, and plugins. You'll then look at extending the modules and plugins with Python-based code and even build your own collections — ultimately learning how to give back to the Ansible community. By the end of this Ansible book, you'll be confident in all aspects of Ansible automation, from the fundamentals of playbook design to getting under the hood and extending and adapting Ansible to solve new automation challenges. What you will learn Gain an in-depth understanding of how Ansible works under the hood Get to grips with Ansible collections and how they are changing and shaping the future of Ansible Fully automate the Ansible playbook executions with encrypted data Use blocks to

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construct failure recovery or cleanup Explore the playbook debugger and Ansible console Troubleshoot unexpected behavior effectively Work with cloud infrastructure providers and container systems Who this book is for If you are an Ansible developer or operator who has a detailed understanding of its core elements and applications but are now looking to enhance your skills in applying automation using Ansible, this book is for you. Prior experience working with core system administration tasks on Linux and basic familiarity with concepts such as cloud computing, containers, network devices, and fundamentals of a high-level programming language will help you make the most of this book.

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"Ansible is a radically simple IT automation engine that automates cloud provisioning, configuration management, application deployment, intra-service orchestration, and many other IT needs. Designed for multi-tier deployments since day one, Ansible models your IT infrastructure by describing how all of your systems inter-relate, rather than just managing one system at a time. This professional video course on Ansible guides the user through a multitude of topics in order to understand and professionally master Ansible. It aims to help you master Ansible while tackling and learning multiple topics. It starts with Ansible's architecture and how to provide effective scalable automation. Then we move on to installing and configuring it with various platforms. Further, we look into Ansible modules and playbooks with YAML syntax and

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execute it. Next you will get to know about advanced Ansible playbooks, and even structure them. You will learn to use Ansible with cloud services and containers and provision it with AWS and Docker. Finally, you will master troubleshooting, validating, and testing with Ansible."--Resource description page.

Master the ins and outs of advanced operations with Ansible About This Book Learn how to extend Ansible with custom modules, plugins, and inventory sources Utilize advanced Ansible features to orchestrate rolling updates with little to no service disruptions An up-to-date book that brings to light the newly added features in Ansible 2.x Who This Book Is For This book is for Ansible developers and operators who have

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an understanding of the core elements and applications but are now looking to enhance their skills in applying automation using Ansible. What You Will Learn Gain an in-depth understanding of how Ansible works under the covers Fully automate the Ansible playbook executions with encrypted data Access and manipulate variable data within playbooks Use Blocks to construct failure recovery or cleanup Explore the Playbook debugger and Ansible Console Troubleshoot unexpected behavior effectively Work with cloud infrastructure providers and container systems Develop custom modules, plugins, and dynamic inventory sources In Detail This book provides you with the knowledge you need to understand how Ansible 2.1 works at a fundamental level and leverage its advanced capabilities. You'll learn how to

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encrypt Ansible content at rest and decrypt data at runtime. You will master the advanced features and capabilities required to tackle the complex automation challenges of today and beyond. You will gain detailed knowledge of Ansible workflows, explore use cases for advanced features, craft well thought out orchestrations, troubleshoot unexpected behaviour, and extend Ansible through customizations. Finally, you will discover the methods used to examine and debug Ansible operations, helping you to understand and resolve issues. By the end of the book, the readers will be able to unlock the true power of the Ansible automation engine and will tackle complex real world actions with ease.

Style and approach This clear, practical guide illustrates the advanced functionalities of Ansible, its system architecture,

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and design aspects that will help you to master Ansible with ease.

Master the ins and outs of advanced operations with Ansible  
About This Book\* Learn how to extend Ansible with custom modules, plugins, and inventory sources\* Utilize advanced Ansible features to orchestrate rolling updates with little to no service disruptions\* An up-to-date book that brings to light the newly added features in Ansible 2.x  
Who This Book Is For  
This book is for Ansible developers and operators who have an understanding of the core elements and applications but are now looking to enhance their skills in applying automation using Ansible.  
What You Will Learn\* Gain an in-depth understanding of how Ansible works under the

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covers\* Fully automate the Ansible playbook executions with encrypted data\* Access and manipulate variable data within playbooks\* Use Blocks to construct failure recovery or cleanup\* Explore the Playbook debugger and Ansible Console\* Troubleshoot unexpected behavior effectively\* Work with cloud infrastructure providers and container systems\* Develop custom modules, plugins, and dynamic inventory sources

In Detail This book provides you with the knowledge you need to understand how Ansible 2.1 works at a fundamental level and leverage its advanced capabilities. You'll learn how to encrypt Ansible content at rest and decrypt data at runtime. You will master the advanced features and capabilities required to tackle the complex automation challenges of today and beyond. You will gain detailed

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Design automation blueprints using Ansible's playbooks to

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orchestrate and manage your multi-tier infrastructure About This Book Get to grips with Ansible's features such as orchestration, automatic node discovery, and data encryption Create data-driven, modular and reusable automation code with Ansible roles, facts, variables, and templates A step-by-step approach to automating and managing system and application configurations effectively using Ansible's playbooks Who This Book Is For If you are a systems or automation engineer who intends to automate common infrastructure tasks, deploy applications, and use orchestration to configure systems in a co-ordinated manner, then this book is for you. Some understanding of the Linux/UNIX command line interface is expected. What You Will Learn Write simple tasks and plays Organize code into a

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reusable, modular structure Separate code from data using variables and Jinja2 templates Run custom commands and scripts using Ansible's command modules Control execution flow based on conditionals Integrate nodes and discover topology information about other nodes in the cluster Encrypt data with ansible-vault Create environments with isolated configurations to match application development workflow Orchestrate infrastructure and deploy applications in a coordinated manner In Detail Ansible combines configuration management, orchestration, and parallel command execution into a single tool. Its batteries-included approach and built-in module library makes it easy to integrate it with cloud platforms, databases, and notification services without requiring additional plugins. Playbooks in Ansible define the

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policies your systems under management enforce. They facilitate effective configuration management rather than running ad hoc scripts to deploy complex applications. This book will show you how to write a blueprint of your infrastructure encompassing multi-tier applications using Ansible's playbooks. Beginning with the basic concepts such as plays, tasks, handlers, inventory, and the YAML syntax that Ansible uses, you will see how to organize your code into a modular structure. Building on this, you will master techniques to create data-driven playbooks with variables, templates, logical constructs, and encrypted data. This book will also take you through advanced clustering concepts such as discovering topology information, managing multiple environments, and orchestration. By the end of this book, you

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will be able to design solutions to your automation and orchestration problems using playbooks quickly and efficiently. Style and approach This book follows a step-by-step approach, with the concepts explained in a conversational and easy-to-follow style. Each topic is explained sequentially in the process of creating a course. A comprehensive explanation of the basic and advanced features of Ansible playbooks is also included.

Leverage the power of Ansible to gain complete control over your systems and automate application deployment Key Features Use Ansible 2.9 to automate and control your infrastructure Delve into advanced functionality such as plugins and custom modules in Ansible Automate and

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orchestrate major cloud platforms such as OpenStack, AWS, and Azure using Ansible Book Description Ansible enables you to automate software provisioning, configuration management, and application roll-outs, and can be used as a deployment and orchestration tool. While Ansible provides simple yet powerful features to automate multi-layer environments using agentless communication, it can also solve other critical IT challenges, such as ensuring continuous integration and continuous deployment (CI/CD) with zero downtime. In this book, you'll work with Ansible 2.9 and learn to solve complex issues quickly with the help of task-oriented scenarios. You'll start by installing and configuring Ansible on Linux and macOS to automate monotonous and repetitive IT tasks and get to grips with

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concepts such as playbooks, inventories, and network modules. As you progress, you'll gain insight into the YAML syntax and learn how to port between Ansible versions. In addition to this, you'll also understand how Ansible enables you to orchestrate multi-layer environments such as networks, containers, and the cloud. By the end of this Ansible book, you'll be well - versed in writing playbooks and other related Ansible code to overcome just about all of your IT challenges, from infrastructure-as-code provisioning to application deployments, and even handling the mundane day-to-day maintenance tasks that take up so much valuable time. What you will learn

Become familiar with the fundamentals of the Ansible framework  
Set up role-based variables and dependencies  
Avoid common mistakes and

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pitfalls when writing automation code in Ansible  
Extend Ansible by developing your own modules and plugins  
Contribute to the Ansible project by submitting your own code  
Follow best practices for working with cloud environment inventories  
Troubleshoot issues triggered during Ansible playbook runs  
Who this book is for  
If you are a DevOps engineer, administrator, or any IT professional looking to automate IT tasks using Ansible, this book is for you. Prior knowledge of Ansible is not necessary.

Ansible is an IT automation and configuration management tool widely used for infrastructure, cloud, and network automation. Trends and surveys say that Ansible is the choice of tool among system administrators as it is so easy to

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use. In this book, you'll learn how to integrate Ansible into your day-to-day role as a system administrator, ...

This book is your concise guide to Ansible, the simple way to automate apps and IT infrastructure. In less than 250 pages, this book takes you from knowing nothing about configuration management to understanding how to use Ansible in a professional setting. You will learn how to create an Ansible playbook to automatically set up an environment, ready to install an open source project. You'll extract common tasks into roles that you can reuse across all your projects, and build your infrastructure on top of existing open source roles and modules that are available for you to use. You will learn to build your own modules to perform actions specific to your

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business. By the end you will create an entire cluster of virtualized machines, all of which have your applications and all their dependencies installed automatically. Finally, you'll test your Ansible playbooks. Ansible can do as much or as little as you want it to. Ansible: From Beginner to Pro will teach you the key skills you need to be an Ansible professional. You'll be writing roles and modules and creating entire environments without human intervention in no time at all – add it to your library today. What You Will Learn

- Learn why Ansible is so popular and how to download and install it
- Create a playbook that automatically downloads and installs a popular open source project
- Use open source roles to complete common tasks, and write your own specific to your business
- Extend Ansible by writing your own modules

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Test your infrastructure using Test Kitchen and ServerSpec  
Who This Book Is For Developers that currently create development and production environments by hand. If you find yourself running apt-get install regularly, this book is for you. Ansible adds reproducibility and saves you time all at once. Ansible: From Beginner to Pro is great for any developer wanting to enhance their skillset and learn new tools.

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