

Ansible Up And Running Automating Configuration Management And Deployment The Easy Way

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~~Ansible: Up and Running: Automating Configuration ...~~

This item: Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way by Lorin Hochstein Paperback \$35.99. In Stock. Ships from and sold by Amazon.com. FREE Shipping. Details. Ansible Playbook Essentials: Design automation blueprints using Ansible's playbooks to orchestrate ...

~~Ansible: Up and Running: Automating Configuration ...~~

Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way 430. by Lorin Hochstein, Rene Moser. Paperback (2nd ed.) \$ 54.99. Paperback. \$54.99. NOOK Book. \$35.49. View All Available Formats & Editions. Ship This Item — Qualifies for Free Shipping

~~Ansible: Up and Running: Automating Configuration ...~~

Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way - Kindle edition by Hochstein, Lorin, Moser, Rene. Download it once and read it on your Kindle device, PC, phones or tablets. Use features like bookmarks, note taking and highlighting while reading Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way.

~~Ansible: Up and Running: Automating Configuration ...~~

Manually configuring servers and using multi-step checklists to deploy your applications is no fun at all. Ansible is a great tool for automating your infrastructure tasks, with a gentle learning curve. This book covers how to use Ansible to automate your configuration management, deployment, and orchestration tasks.

~~Ansible: Up and Running — an O ' Reilly book by Lorin ...~~

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~~Up & Running~~

How to automate your system administration tasks with Ansible. ... Although running Ansible in a cron job is possible, by default Ansible only runs when you tell it to. Setting up SSH key authentication. A common method for using Ansible is to set up passwordless SSH keys to facilitate ease of management. (Using Ansible Vault for passwords and ...

~~How to automate your system administration tasks with Ansible~~

Ansible is a simple configuration management software that uses a concept of playbooks which are essentially scripts that run against devices in your environment.

~~Automating Cisco Using Ansible~~

Ansible: Run Commands on Remote Linux. In the example above, we ran hostnamectl --static on node1 and node2. It doesn ' t take long for one to realize that this method of running tasks on remote computers works fine for short commands but can quickly become burdensome or messy for more complex tasks that require further well-structured configuration parameters or interactions with other services

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~~How to Use Ansible Playbooks to Automate Complex Tasks on ...~~

With Ansible, IT admins can begin automating away the drudgery from their daily tasks. Automation frees admins up to focus on efforts that help deliver more value to the business by speeding time to application delivery, and building on a culture of success. Ultimately, Ansible gives teams the one thing they can never get enough of: time.

~~IT Automation with Ansible~~

Red Hat Ansible. Ansible is an open source community project sponsored by Red Hat, it's the simplest way to automate IT. Ansible is the only automation language that can be used across entire IT teams from systems and network administrators to developers and managers. About Us Our Story Press Center Careers

~~Getting Started with Ansible | Ansible.com~~

You ' ll discover that Ansible has the functionality you need—and the simplicity you desire. Ren é Moser is living in Switzerland with his wife and 3 kids, likes simple things that work and scale and earned an Advanced Diploma of Higher Education in IT.

~~Ansible: Up and Running: Automating Configuration ...~~

Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way. Among the many configuration management tools available, Ansible has some distinct advantages--it's minimal in nature, you don't need to install anything on your nodes, and it has an easy learning curve.

~~Ansible: Up and Running: Automating Configuration ...~~

Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way - Ebook written by Lorin Hochstein. Read this book using Google Play Books app on your PC, android, iOS devices. Download for offline reading, highlight, bookmark or take notes while you read Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way.

~~Ansible: Up and Running: Automating Configuration ...~~

Automating Helm using Ansible November 4, 2020 by Abhijeet Kasurde Increasing business demands are driving the need for increased automation to support rapid, yet stable, and reliable deployments of applications and supporting infrastructure. Kubernetes and cloud-native technologies are no different.

~~Automating Helm using Ansible~~

Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way, Edition 2 - Ebook written by Lorin Hochstein, Rene Moser. Read this book using Google Play Books app on your PC, android, iOS devices. Download for offline reading, highlight, bookmark or take notes while you read Ansible: Up and Running: Automating Configuration Management and Deployment the Easy Way ...

~~Ansible: Up and Running: Automating Configuration ...~~

The basic building blocks for Ansible are modules. Each module performs a specific operation on the Gateway remotely via ssh and the module's behavior is customizable by providing parameters. A module is invoked by a task.

~~Automating with Ansible~~

Ansible Cheat Sheet Introduction. Ansible is a modern configuration management tool that facilitates the task of setting up and maintaining remote servers.. This cheat sheet-style guide provides a quick reference to commands and practices commonly used when working with Ansible.

~~How to Use Ansible: An Ansible Cheat Sheet Guide ...~~

Just over a month ago, I purchased a paperback copy of Lorin Hochstein ' s Ansible Up & Running book from O ' Reilly. Encouragement from Matt Oswalt ' s Network Automation With Ansible and Python workshop is to blame, as it gave me the bug to go deeper with Ansible.

Among the many configuration management tools available, Ansible has some distinct advantages—it ' s minimal in nature, you don ' t need to install anything on your nodes, and it has an easy learning curve. This practical guide shows you how to be productive with this tool quickly, whether you ' re a developer deploying code to production or a system administrator looking for a better automation solution. Author Lorin Hochstein shows you how to write playbooks (Ansible ' s configuration management scripts), manage remote servers, and explore the tool ' s real power: built-in declarative modules. You ' ll discover that Ansible has the functionality you need and the simplicity you desire. Understand how Ansible differs from other configuration management systems Use the YAML file format to write your own playbooks Learn Ansible ' s support for variables and facts Work with a complete example to deploy a non-trivial application Use roles to simplify and reuse playbooks Make playbooks run faster with ssh multiplexing, pipelining, and parallelism Deploy applications to Amazon EC2 and other cloud platforms Use Ansible to create Docker images and deploy Docker containers

Among the many configuration management tools available, Ansible has some distinct advantages—it ' s minimal in nature, you don ' t need to install anything on your nodes, and it has an easy learning curve. With this updated second edition, you ' ll learn how to be productive with this tool quickly, whether you ' re a developer deploying code to production or a system administrator looking for a better automation solution. Authors Lorin Hochstein and Ren é Moser show you how to write playbooks (Ansible ' s configuration management scripts), manage remote servers, and explore the tool ' s real power: built-in declarative modules. You ' ll discover that Ansible has the

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functionality you need—and the simplicity you desire. Manage Windows machines, and automate network device configuration Manage your fleet from your web browser with Ansible Tower Understand how Ansible differs from other configuration management systems Use the YAML file format to write your own playbooks Work with a complete example to deploy a non-trivial application Deploy applications to Amazon EC2 and other cloud platforms Create Docker images and deploy Docker containers with Ansible This book is best read start to finish, with later chapters building on earlier ones. Because it ' s written in a tutorial style, you can follow along on your own machine. Most examples focus on web applications.

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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 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 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 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.

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 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 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 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.

Automate security-related tasks in a structured, modular fashion using the best open source automation tool available About This Book Leverage the agentless, push-based power of Ansible 2 to automate security tasks Learn to write playbooks that apply security to any part of your system This recipe-based guide will teach you to use Ansible 2 for various use cases such as fraud detection, network security, governance, and more Who This Book Is For If you are a system administrator or a DevOps engineer with responsibility for finding loop holes in your system or application, then this book is for you. It's also useful for security consultants looking to automate their infrastructure's security model. What You Will Learn Use Ansible playbooks, roles, modules, and templating to build generic, testable playbooks Manage Linux and Windows hosts remotely in a repeatable and predictable manner See how to perform security patch management, and security hardening with scheduling and automation Set up AWS Lambda for a serverless automated defense Run continuous security scans against your hosts and automatically fix and harden the gaps Extend Ansible to write your custom modules and use them as part of your already existing security automation programs Perform automation security audit checks for applications using

Ansible Manage secrets in Ansible using Ansible Vault In Detail Security automation is one of the most interesting skills to have nowadays. Ansible allows you to write automation procedures once and use them across your entire infrastructure. This book will teach you the best way to use Ansible for seemingly complex tasks by using the various building blocks available and creating solutions that are easy to teach others, store for later, perform version control on, and repeat. We'll start by covering various popular modules and writing simple playbooks to showcase those modules. You'll see how this can be applied over a variety of platforms and operating systems, whether they are Windows/Linux bare metal servers or containers on a cloud platform. Once the bare bones automation is in place, you'll learn how to leverage tools such as Ansible Tower or even Jenkins to create scheduled repeatable processes around security patching, security hardening, compliance reports, monitoring of systems, and so on. Moving on, you'll delve into useful security automation techniques and approaches, and learn how to extend Ansible for enhanced security. While on the way, we will tackle topics like how to manage secrets, how to manage all the playbooks that we will create and how to enable collaboration using Ansible Galaxy. In the final stretch, we'll tackle how to extend the modules of Ansible for our use, and do all the previous tasks in a programmatic manner to get even more powerful automation frameworks and rigs. Style and approach This comprehensive guide will teach you to manage Linux and Windows hosts remotely in a repeatable and predictable manner. The book takes an in-depth approach and helps you understand how to set up complicated stacks of software with codified and easy-to-share best practices.

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 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 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.

Configure Ansible and start coding YAML playbooks using the appropriate modules Key Features Create and use Ansible Playbook to script and organise management tasks Benefit from the Ansible community roles and modules to resolve complex and niche tasks Write configuration management code to automate infrastructure Book Description Configuration Management (CM) tools help administrators reduce their workload. Ansible is one of the best Configuration Management tools, and can act as an orchestrator for managing other CMs. This book is the easiest way to learn how to use Ansible as an orchestrator and a Configuration Management tool. With this book, you will learn how to control and monitor computer and network infrastructures of any size, physical or virtual. You will begin by learning about the Ansible client-server architecture. To get started, you will set up and configure an Ansible server. You will then go through the major features of Ansible: Playbook and Inventory. Then, we will look at Ansible systems and network modules. You will then use Ansible to enable infrastructure automated configuration management, followed by best practices for using Ansible roles and community modules. Finally, you will explore Ansible features such as Ansible Vault, Ansible Containers, and Ansible plugins. What you will learn Implement Playbook YAML scripts and its capacities to simplify day-to-day tasks Setup Static and Dynamic Inventory Use Ansible predefined modules for Linux, Windows, networking, and virtualisation administration Organize and configure the host filesystem using storage and files modules Implement Ansible to enable infrastructure automated configuration management Simplify infrastructure administration Search and install new roles and enable them within Ansible Secure your data using Ansible Vault Who this book is for This book is targeted at System Administrators and Network Administrators who want to use Ansible to automate an infrastructure. No knowledge of Ansible is required.

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