

Pdf Openstack Administration With Ansible 2 Second Edition

Security Automation with Ansible 2
OpenStack Administration with Ansible 2
Practical Ansible 2
Implementing DevOps with Ansible 2
Getting Started with Ansible 2
Security Automation
Ansible 2
Getting Started with Core Features in Ansible 2
Red Hat RHCE 8 (EX294) Cert Guide
Kubernetes in Production Best Practices
Learning Ansible 2 - Second Edition
Ansible 2 Cloud Automation Cookbook
Ansible 2 for Configuration Management
Learning Ansible 2.7
Ansible 2 for Beginners
Learn Ansible
Exploring Ansible 2
Gray Hat Hacking: The Ethical Hacker's Handbook, Sixth Edition
Learning Ansible 2
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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

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

orchestrate and automate your openstack cloud operator tasks with ansible 2.0 about this book automate real world openstack cloud operator administrative tasks construct a collection of the latest automation code to save time on managing your openstack cloud manage containers on your cloud and check the health of your cloud using nagios who this book is for this book is aimed at openstack based cloud operators and infrastructure and sys administrators who have some knowledge of openstack and are seeking to automate taxing and manual tasks this book is also for people new to automating cloud operations in general and the devops practice in particular what you will learn efficiently execute openstack administrative tasks familiarize yourself with how ansible 2 works and assess the defined best practices create ansible 2 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 current production ready projects explore openstack cli tools and learn how to

use them in detail 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 we start with a brief overview of openstack and ansible 2 and highlight some best practices each chapter will provide an introduction to handling various cloud operator administration tasks such as managing containers within your cloud setting up utilizing open source packages for monitoring creating multiple users tenants taking instance snapshots and customizing your cloud to run multiple active regions each chapter will also supply a step by step tutorial on how to automate these tasks with ansible 2 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 on the market today style and approach this book is a concise fast paced guide filled with real world scenarios that will execute openstack administrative tasks efficiently it serves as a quick reference guide for not just openstack functions but also for creating future ansible code

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

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

leverage the power of ansible 2 and related tools and scale devops processes about this book learn how to use ansible playbooks along with yaml and jinja to create efficient devops solutions use ansible to provision and automate docker containers and images learn the fundamentals of continuous integration and continuous delivery and how to leverage ansible to implement these modern devops learn the fundamentals of creating custom ansible modules learn the

fundamentals of ansible galaxy follow along step by step as we teach you to scale ansible for your devops processes who this book is for if you are a devops engineer administrator or developer and want to implement the devops environment in your organization using ansible then this book is for you what you will learn get to the grips with the fundamentals of ansible 2 2 and how you can benefit from leveraging ansible for devops adapt the devops process and learn how ansible and other tools can be used to automate it start automating continuous integration and continuous delivery tasks using ansible maximize the advantages of tools such as docker jenkins jira and many more to implement the devops culture integrate devops tools with ansible extend ansible using python and create custom modules that integrate with unique specific technology stacks connect and control the states of various third party applications such as git svn artifactory nexus jira hipchat slack nginx and others in detail thinking about adapting the devops culture for your organization using a very simple yet powerful automation tool ansible 2 then this book is for you in this book you will start with the role of ansible in the devops module which covers fundamental devops practices and how ansible is leveraged by devops organizations to implement consistent and simplified configuration management and deployment you will then move on to the next module ansible with devops where you will understand ansible fundamentals and how ansible playbooks can be used for simple configuration management and deployment tasks after simpler tasks you will move on to the third module ansible syntax and playbook development where you will learn advanced configuration management implementations and use ansible vault to secure top secret information in your organization in this module you will also learn about popular devops tools and the support that ansible provides for them mysql nginx apache and so on the last module scaling ansible for the enterprise is where you will integrate ansible with ci and cd solutions and provision docker containers using ansible by the end of the book you will have learned to use ansible to leverage your devops tasks style and approach a step by step guide to automating all devops stages with ease using ansible

nowadays security plays an important part in securing your system or data with over 750 automation modules ansible makes it easy for you to secure any part of your system including setting firewalls providing authentication to users and groups and setting custom security policies ansible allows you to write automation procedures once and use them across your entire infrastructure this course covers interesting concepts on how to automate security in your infrastructure how you can monitor your system to ensure it remains compliant how to integrate ansible with your existing ssh and winrm infrastructure and using ansible tower to secure your machines and cloud systems moving forward this course also explores some security use cases such as network device hardening application security fraud detection and prevention governance and risk assessment finally this course will also teach you to maintain the compliance state of your system by applying configurations to

your system along with some troubleshooting techniques by the end of this course you will have achieved an improved security model for your organisation and will have mastered automating different layers of security in your infrastructure resource description page

the course starts with basic ansible concepts and later progresses to the advanced features of ansible 2 you ll start with the usage of ansible with non linux targets before then moving on to discuss some advanced uses of ansible tower ansible tower makes it easy to control the way your infrastructure is configured via configuration definitions and continuous remediation next we will look at secure user management with ansible managing multiple user and different permissions we will be closely looking at more complex hardening with stig and cis resource description page

ansible is an open source automation platform that assists organizations with tasks such as configuration management application deployment orchestration and task automation with ansible even complex tasks can be handled more easily than before this course teaches you the key new features in ansible 2 and give an introduction to how to create ansible playbooks and modules you will also learn modular configuration using roles to simplify your tasks even more you will learn to overcome security automation and deployment concerns by implementing ansible playbooks resource description page

learn prepare and practice for red hat rhce 8 ex294 exam success with this cert guide from pearson it certification a leader in it certification learning master rhce 8 ex294 exam topics assess your knowledge with chapter ending quizzes review key concepts with step by step exercises code examples and complete labs after every chapter designed to closely resemble the exam practice with realistic exam questions from four full practice exams two printed in the book and two more on the companion website supplement your learning with an hour of video mentoring red hat rhce 8 ex294 cert guide is the authoritative exam study guide leading red hat and linux consultant trainer and author sander van vugt walks you through the rhce ex 294 objectives so you have a full study resource he shares preparation hints and test taking tips helping you identify areas of weakness and improve both your conceptual knowledge and hands on skills material is presented in a concise manner focusing on increasing your understanding retention of exam topics and hands on practice so you can feel ready to take the exam the book presents you with an organized test preparation routine through the use of proven series elements and techniques exam topic lists make referencing easy chapter ending exam preparation tasks help you drill on key concepts you must know thoroughly review questions help you assess your knowledge and a final preparation chapter guides you through tools and resources to help you craft your final study plan the end of chapter labs are an essential part of learning each topic

and cover each chapter's key concepts so you can test yourself and put your knowledge to work the companion website contains two additional practice exams flashcards that test you on the glossary terms in the book an hour of video mentoring from the author and study resources well regarded for its level of detail assessment features and challenging review questions and exercises this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time the study guide helps you master all the topics on the rhce 8 exam including understanding configuration management installing ansible and setting up managed environments using ad hoc commands getting started with playbooks working with variables and facts using task control deploying files using ansible roles using ansible in large environments troubleshooting ansible managing software with ansible managing users processes tasks and storage

design build and operate scalable and reliable kubernetes infrastructure for production key features implement industry best practices to build and manage production grade kubernetes infrastructure learn how to architect scalable kubernetes clusters harden container security and fine tune resource management understand manage and operate complex business workloads confidently book description although out of the box solutions can help you to get a cluster up and running quickly running a kubernetes cluster that is optimized for production workloads is a challenge especially for users with basic or intermediate knowledge with detailed coverage of cloud industry standards and best practices for achieving scalability availability operational excellence and cost optimization this kubernetes book is a blueprint for managing applications and services in production you ll discover the most common way to deploy and operate kubernetes clusters which is to use a public cloud managed service from aws azure or google cloud platform gcp this book explores amazon elastic kubernetes service amazon eks the aws managed version of kubernetes for working through practical exercises as you get to grips with implementation details specific to aws and eks you ll understand the design concepts implementation best practices and configuration applicable to other cloud managed services throughout the book you ll also discover standard and cloud agnostic tools such as terraform and ansible for provisioning and configuring infrastructure by the end of this book you ll be able to leverage kubernetes to operate and manage your production environments confidently what you will learn explore different infrastructure architectures for kubernetes deployment implement optimal open source and commercial storage management solutions apply best practices for provisioning and configuring kubernetes clusters including infrastructure as code iac and configuration as code cac configure the cluster networking plugin and core networking components to get the best out of them secure your kubernetes environment using the latest tools and best practices deploy core observability stacks such as monitoring and logging to fine tune your infrastructure who this book is for this book is for cloud

infrastructure experts devops engineers site reliability engineers and engineering managers looking to design and operate kubernetes infrastructure for production basic knowledge of kubernetes terraform ansible linux and aws is needed to get the most out of this book

learn everything you need to manage and handle your systems with ease with ansible 2 using this comprehensive guide about this book simplify the automation of applications and systems using the newest version of ansible get acquainted with fundamentals of ansible such as playbooks modules and various testing strategies a comprehensive learning guide that provides you with great skills to automate your organization's infrastructure using ansible 2 who this book is for the book is for sys admins who want to automate their organization's infrastructure using ansible 2 no prior knowledge of ansible is required what you will learn set up ansible 2 and an ansible 2 project in a future proof way perform basic operations with ansible 2 such as creating copying moving changing and deleting files and creating and deleting users deploy complete cloud environments using ansible 2 on aws and digitalocean explore complex operations with ansible 2 ansible vault emails and nagios develop and test ansible playbooks write a custom module and test it in detail ansible is an open source automation platform that assists organizations with tasks such as configuration management application deployment orchestration and task automation with ansible even complex tasks can be handled easier than before in this book you will learn about the fundamentals and practical aspects of ansible 2 by diving deeply into topics such as installation linux bsd and windows support playbooks modules various testing strategies provisioning deployment and orchestration in this book you will get accustomed with the new features of ansible 2 such as cleaner architecture task blocks playbook parsing new execution strategy plugins and modules you will also learn how to integrate ansible with cloud platforms such as aws the book ends with the enterprise versions of ansible ansible tower and ansible galaxy where you will learn to interact ansible with different oses to speed up your work to previously unseen levels by the end of the book you'll be able to leverage the ansible parameters to create expeditious tasks for your organization by implementing the ansible 2 techniques and paradigms style and approach this book is a step by step learning guide on the all new ansible 2 which is an ideal configuration management tool

orchestrate your cloud infrastructure key features recipe based approach to install and configure cloud resources using ansible covers various cloud related modules and their functionalities includes deployment of a sample application to the cloud resources that we create learn the best possible way to manage and automate your cloud infrastructure book description ansible has a large collection of inbuilt modules to manage various cloud resources the book begins with the concepts needed to safeguard your credentials and explain how you interact with cloud providers to manage resources each

chapter begins with an introduction and prerequisites to use the right modules to manage a given cloud provider learn about amazon services google cloud microsoft azure and other providers each chapter shows you how to create basic computing resources which you can then use to deploy an application finally you will be able to deploy a sample application to demonstrate various usage patterns and utilities of resources what you will learn use ansible vault to protect secrets understand how ansible modules interact with cloud providers to manage resources build cloud based resources for your application create resources beyond simple virtual machines write tasks that can be reused to create resources multiple times work with self hosted clouds such as openstack and docker deploy a multi tier application on various cloud providers who this book is for if you are a system administrator infrastructure engineer or a devops engineer who wants to obtain practical knowledge about ansible and its cloud deliverables then this book is for you recipes in this book are designed for people who would like to manage their cloud infrastructures efficiently using ansible which is regarded as one of the best tools for cloud management and automation

perform powerful automation to get consistent and correct configurations every time with ansible 2 about this video this course is a complete introduction to ansible 2 and will show you everything you need to start using it to automate and manage your system configurations hands on examples take you right from the process of performing basic tasks with ansible all the way to controlling multiple servers with your own custom ansible automation modules covers the latest ansible features including automating docker and kubernetes in detail configuration management is complicated with a need for high availability failover and continuous updates and maintenance ansible 2 is a powerful automation tool that can help you manage the configuration of all your servers whether you work on premise or in the cloud with this course you can quickly start using ansible to automate the installation configuration and updates ensuring that your systems are configured the right way automatically you will then customize ansible s behavior with variables and apply similar automation to groups of servers next you will work with roles which will give you the ability to perform any required automation on your servers when it comes to installing configuring and running software you ll manage servers and other resources in amazon services then build docker containers to deploy them to kubernetes you will also work with ansible s power user features with custom facts and custom modules by the end of the course you will have worked through hands on examples of ansible 2 configuration management enabling you to immediately start automating your own systems

use ansible to configure your systems deploy software and orchestrate advanced it tasks key featuresget familiar with the fundamentals of ansible 2 7understand how to use ansible tower to scale your it automationgain insights into how to develop and test ansible playbooks book description ansible is an

open source automation platform that assists organizations with tasks such as application deployment orchestration and task automation with the release of ansible 2.7 even complex tasks can be handled much more easily than before learning ansible 2.7 will help you take your first steps toward understanding the fundamentals and practical aspects of ansible by introducing you to topics such as playbooks modules and the installation of linux berkeley software distribution bsd and windows support in addition to this you will focus on various testing strategies deployment and orchestration to build on your knowledge the book will then help you get accustomed to features including cleaner architecture task blocks and playbook parsing which can help you to streamline automation processes next you will learn how to integrate ansible with cloud platforms such as amazon services aws before gaining insights into the enterprise versions of ansible ansible tower and ansible galaxy this will help you to use ansible to interact with different operating systems and improve your working efficiency by the end of this book you will be equipped with the ansible skills you need to automate complex tasks for your organization what you will learn create a web server using ansible write a custom module and test it deploy playbooks in the production environment troubleshoot networks using ansible use ansible galaxy and ansible tower during deployment deploy an application with ansible on aws azure and digitalocean who this book is for this beginner level book is for system administrators who want to automate their organization's infrastructure using ansible 2.7 no prior knowledge of ansible is required

ansible is one of the most popular tools in the open source orchestration and automation space this simple agent less tool can conquer almost any automation task whether you want to manage an entire cloud region configure network devices or orchestrate configuration changes across linux or windows machines ansible is up to the challenge in this course you will get started with ansible 2.0 including its installation the problems it solves and more we will also walk through creating your very first playbooks you'll understand the power of variables and quickly be able to manage environments and implement strategies you will find out how to integrate with different cloud platforms and be introduced to ansible galaxy and tower which are ansible's enterprise tooling for supporting large scale infrastructure by the end of this course you will be well versed in the basics of ansible and be able to automate your organizational infrastructure easily resource description page

run ansible playbooks to launch complex multi tier applications hosted in public clouds key features build your learning curve using ansible automate cloud network and security infrastructures with ease gain hands on exposure on ansible book description ansible has grown from a small open source orchestration tool to a full blown orchestration and configuration management tool owned by red hat its powerful core modules cover a wide range of infrastructures including on premises systems and public clouds operating

systems devices and services meaning it can be used to manage pretty much your entire end to end environment trends and surveys say that ansible is the first choice of tool among system administrators as it is so easy to use this end to end practical guide will take you on a learning curve from beginner to pro you ll start by installing and configuring the ansible to perform various automation tasks then we ll dive deep into the various facets of infrastructure such as cloud compute and network infrastructure along with security by the end of this book you ll have an end to end understanding of ansible and how you can apply it to your own environments what you will learn write your own playbooks to configure servers running centos ubuntu and windows identify repeatable tasks and write playbooks to automate them define a highly available public cloud infrastructure in code making it easy to distribute your infrastructure configuration deploy and configure ansible tower and ansible awx learn to use community contributed roles use ansible in your day to day role and projects who this book is for learn ansible is perfect for system administrators and developers who want to take their current workflows and transform them into repeatable playbooks using ansible no prior knowledge of ansible is required

this is a guide on how to work with ansible the first part of the guide explores how to refine the setup of apache failures which are very common in playbooks have been discussed in detail meaning that you will learn how to handle these in ansible conditionals have been explored and these are good in determining what happens to ansible in case an error occurs use of ansible with several hosts is of great importance so you should know how to extend it from a single host to several hosts this has been explored in this guide there are various types of variables which can be defined in ansible and the definition of these is usually done in different files this book discusses how definition of these variables can be done in the various files a playbook file can become too large and execution of this might become time consuming in such a case it is recommended that you use tagging to run part of the playbook instead of running the whole of it this has been explored in this guide and you will learn how to implement it dependencies in roles are also of great significance these have also been explored in detail blocks which are important in handling errors are discussed the following topics have been explored in this guide refining apache setup playbooks and failures playbook conditionals the git module extension to several hosts variables tags role dependencies playbook blocks playbook loops

up to date strategies for thwarting the latest most insidious network attacks this fully updated industry standard security resource shows step by step how to fortify computer networks by learning and applying effective ethical hacking techniques based on curricula developed by the authors at major security conferences and colleges the book features actionable planning and analysis methods as well as practical steps for identifying and combating both targeted

and opportunistic attacks gray hat hacking the ethical hacker s handbook sixth edition clearly explains the enemy s devious weapons skills and tactics and offers field tested remedies case studies and testing labs you will get complete coverage of internet of things mobile and cloud security along with penetration testing malware analysis and reverse engineering techniques state of the art malware ransomware and system exploits are thoroughly explained fully revised content includes 7 new chapters covering the latest threats includes proof of concept code stored on the github repository authors train attendees at major security conferences including rsa black hat defcon and besides

learn everything you need to manage and handle your systems with ease with ansible 2 using this comprehensive guide about this book simplify the automation of applications and systems using the newest version of ansible get acquainted with fundamentals of ansible such as playbooks modules and various testing strategies a comprehensive learning guide that provides you with great skills to automate your organization s infrastructure using ansible 2 who this book is for the book is for sys admins who want to automate their organization s infrastructure using ansible 2 no prior knowledge of ansible is required what you will learn set up ansible 2 and an ansible 2 project in a future proof way perform basic operations with ansible 2 such as creating copying moving changing and deleting files and creating and deleting users deploy complete cloud environments using ansible 2 on aws and digitalocean explore complex operations with ansible 2 ansible vault e mails and nagios develop and test ansible playbooks write a custom module and test it in detail ansible is an open source automation platform that assists organizations with tasks such as configuration management application deployment orchestration and task automation with ansible even complex tasks can be handled easier than before in this book you will learn about the fundamentals and practical aspects of ansible 2 by diving deeply into topics such as installation linux bsd and windows support playbooks modules various testing strategies provisioning deployment and orchestration in this book you will get accustomed with the new features of ansible 2 such as cleaner architecture task blocks playbook parsing new execution strategy plugins and modules you will also learn how to integrate ansible with cloud platforms such as aws the book ends with the enterprise versions of ansible ansible tower and ansible galaxy where you will learn to interact ansible with different oses to speed up your work to previously unseen levels by the end of the book you ll able to leverage the ansible parameters to create expeditious tasks for your organization by implementing the ansible 2 techniques and paradigms style and approach this book is a step by step learning guide on the all new ansible 2 which is an ideal configuration management tool

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