Ebook free Red hat enterprise linux server cookbook (PDF)

CentOS 6 Linux Server Cookbook Red Hat Enterprise Linux Server Cookbook Linux Server Cookbook CentOS 7 Linux Server Cookbook Centos 7 Linux Server Cookbook Second Edition Ubuntu Server Cookbook CentOS 7 Server Deployment Cookbook Linux Cookbook The Virtualization Cookbook for IBM Z Volume 2: Red Hat Enterprise Linux 8.2 Linux Networking Cookbook The Virtualization Cookbook for IBM z Systems Volume 4: Ubuntu Server 16.04 Oracle Linux Cookbook Linux Cookbook Linux Administration Cookbook The Virtualization Cookbook for IBM z Systems Volume 3: SUSE Linux Enterprise Server 12 Kali Linux Cookbook Linux Networking Cookbook z/VM and Linux on IBM System z: The Virtualization Cookbook for SLES 11 SP1 Linux□□□□□□□□□□□□ Linux kukkubukku z/VM and Linux on IBM System z: The Virtualization Cookbook for SLES9 z/VM and Linux on IBM System z: The Virtualization Cookbook for Red Hat Enterprise Linux 6.0 Linux Cookbook Linux: Powerful Server Administration PowerShell Core for Linux Administrators Cookbook Linux Security Cookbook Nagios Core Administration Cookbook Raspberry Pi□□□□□□□ sendmail Cookbook Zabbix Cookbook Practical Linux Security Cookbook The Linux Cookbook, 2nd Edition Apache Cookbook The Virtualization Cookbook for IBM Z Volume 1: IBM z/VM 7.2 □□□□Android□□□□ □□□□□□□□□□□ R□□□□□□□□□□□□ Apache□□□□□□ Elastix Unified Communications Server Cookbook Practical Linux Security Cookbook Apache Cookbook

CentOS 6 Linux Server Cookbook

2013-04-18

this book is written in cookbook style and it offers learning through recipes with examples and illustrations each recipe contains step by step instructions about everything necessary to execute a particular task the book is designed so that you can read it from start to end for beginner s or just open up any chapter and start following the recipes as a reference for advanced users centos 6 linux server cookbook is for linux professionals and system administrators using centos for their business s server

Red Hat Enterprise Linux Server Cookbook

2015-12-23

over 60 recipes to help you build configure and orchestrate rhel 7 server to make your everyday administration experience seamless about this book create fully unattended installations and deploy configurations without breaking a sweat discover and kick start the newest rhel 7 configuration and management tools through an easy to follow practical approach for a lazy system management be guided by an experienced rhel expert who is a certified linux engineer with a passion for open source and open standards who this book is for red hat enterprise linux server cookbook is for rhel 7 system administrators and devops in need of a practical reference guide to troubleshoot common issues and quickly perform tasks what you will learn set up and configure rhel 7 server use networkmanager to configure all aspects of your network manage virtual environments using libvirt set up software repositories secure and monitor your rhel environment configure selinux and create and apply its policies create kickstart scripts to automatically deploy rhel 7 systems use orchestration and configuration management tools to manage your environment in detail dominating the server market the red hat enterprise linux operating system gives you the support you need to modernize your infrastructure and boost your organization s efficiency combining both stability and flexibility rhel helps you meet the challenges of today and adapt to the demands of tomorrow this practical cookbook guide will help you get to grips with rhel 7 server and automating its installation designed to provide targeted assistance through hands on recipe guidance it will introduce you to everything you need to know about kvm guests and deploying multiple standardized rhel systems effortlessly get practical reference advice that will make complex networks setups look like child s play and dive into in depth coverage of configuring a rhel system also including full recipe coverage of how to set up configuring and troubleshoot selinux you ll also discover how secure your operating system as well as how to monitor it style and approach this practical guide is packed full of hands on recipes that provide quick solutions to the problems faced when building your rhel 7 system from scratch using orchestration tools each topic is explained sequentially in the process of setting up a system and binding everything together

Linux Server Cookbook

2023-02-10

learn how to implement key system administration tasks in linux key features configure and use linux network commands to analyze maintain and troubleshoot the network get familiar with the most commonly used advanced commands required for administrating the linux server explore new and trending services in the system administration domain description linux is the most popular operating system in the it industry due to its security and performance in this book you will get familiar with the most important and advanced concepts of linux server administration the book begins by showing you how to install a linux distribution and the different possibilities available depending on the end usage of it after installation the book shows how to manage your system administrate users and permissions and how to install new software and configure the services the book provides a review of the most common and useful cli commands and will provide knowledge on how to manage files directories and processes it explains how to install and administer advanced services like databases and file sharing the book will then guide you through new technologies related to automation containers and continuous integration delivery pipelines lastly it will help you explore concepts such as infrastructure as code and infrastructure as a service and the usage of linux on public and private clouds in detail with multiple examples by the end of the book you will be able to use different open source tools available on linux to perform tasks what you will learn learn how to install a linux distribution explore advanced network configuration in linux configure firewall and network security in the linux server learn how to automate your system administration tasks automate linux server deployments with terraform who this book is for this book is best suited for system administrators linux administrators it managers network engineers network administrators and security professionals table of contents 1 introduction to linux 2 linux installation 3 using the command line interface 4 user administration and software management 5 managing files directories and processes 6 monitoring system resources 7 network configuration 8 security 9 network services 10 file sharing 11 databases 12 automation 13 containers and ci cd 14 backup and restore 15 multi cloud management 16 infrastructure as a service

CentOS 7 Linux Server Cookbook

2016-01-29

over 80 recipes to get up and running with centos 7 linux server about this book a practical guide to install configure administer and maintain centos 7 servers an in depth guide to the centos 7 operating system exploring its various new features and changes in server administration presents tricks and solutions to tackle common server issues with the help of practical examples and real life scenarios who this book is for this book is targeted at beginner and more experienced system administrators alike who want to use centos as their server solution readers do not need much pre knowledge or experience at all to work with this book what you will learn install and configure centos 7 linux server system from scratch using normal and advanced methods maintain a performance based and secure server solution by deploying expert configuration advice and managing software packages monitor manage and develop your server s file system to maintain a stable performance gain best practice methods on sharing files and resources through a network install and configure common standard services such as web mail ftp database and domain name server technologies introduce you to the world of operating system level virtualization using the docker platform understand the fundamentals of the security enhanced linux access control architecture monitor your it infrastructure using nagios in detail this book will provide you with a comprehensive series of starting points that will give you direct access to the inner workings of the latest centos version 7 and help you trim the learning curve to master your server you will begin with the installation and basic configuration of centos 7 followed by learning how to manage your system services and software packages you will then gain an understanding of how to administer the file system secure access to your server and configure various resource sharing services such as file printer and dhcp servers across your network further on we cover advanced topics such as ftp services building your own dns server running database servers and providing mail and web services finally you will get a deep understanding of selinux and you will learn how to work with docker operating system virtualization and how to monitor your it infrastructure with nagios by the end of this book you will have a fair understanding of all the aspects of configuring implementing and administering centos 7 linux server and how to put it in control style and approach this book is a practical reference guide with hands on examples and solutions to real world administration problems it covers in depth and comprehensive information on centos 7 and its new features

Centos 7 Linux Server Cookbook Second Edition

2016-01-29

arm yourself to make the most of the versatile powerful ubuntu server with over 100 hands on recipes about this book master the skills to setup secure and scalable web services with popular tools like apache nginx mysql and haproxy set up your own cloud with open stack and quickly deploy applications with docker or lxd packed with clear step by step recipes to let you protect you valuable data with your own chat servers code hosting and collaboration tools who this book is for ubuntu server cookbook is for system administrators or software developers with a basic understanding of the linux operating system who want to set up their own servers you are not required to have in depth knowledge or hands on experience with ubuntu but you should know the basics commands for directory navigation file management and the file editing tool an understanding of computer networks is advisable what you will learn set up high performance scalable and fault tolerant back ends with web and database servers facilitate team communication with a real time chat service and collaboration tools quickly deploy your applications to their own containers and scale your infrastructure as and when needed find out how to set up your own cloud infrastructure for your internal use or rent it to the public ensure quick and easy access for your users while also securing your infrastructure from intruders set up a high performance private network with a personal vpn server and centralized authentication system swiftly start a content streaming service set up network storage for private data and source code and say good bye to costly and unreliable cloud services in detail ubuntu is one of the most secure operating systems and defines the highest level of security as compared other operating system ubuntu server is a popular linux distribution and the first choice when deploying a linux server it can be used with a 35 raspberry pi to top notch thousand dollar per month cloud hardware built with lists that there are 4 million websites built using ubuntu with its easy to use package management tools and availability of well known packages we can quickly set up our own services such as web servers and database servers using ubuntu this book will help you develop the skills required to set up high performance and secure services with open source tools starting from user management and an in depth look at networking we then move on to cover the installation and management of web servers and database servers as well as load balancing various services you will quickly learn to set up your own cloud and minimize costs and efforts with application containers next you will get to grips with setting up a secure real time communication system finally we ll explore source code hosting and various collaboration tools by the end of this book you will be able to make the most of ubuntu s advanced functionalities style and approach this easy to follow guide contains a series of step by step recipes ranging from simple to complex each topic will start with basic introduction to each technology followed by a detailed step by step installation guide and then a detailed explanation of the approach taken during installation and the various advanced options available

Ubuntu Server Cookbook

2016-06-30

deploy and manage today s essential services on an enterprise class open operating system about this book configure and manage linux servers in varying scenarios and for a range of business requirements explore the up to

date features of centos using real world scenarios see practical and extensive recipes to deploy and manage centos who this book is for this book is for linux professionals with basic unix linux functionality experience perhaps even having set up a server before who want to advance their knowledge in administering various services what you will learn see how to deploy centos easily and painlessly even in multi server environments configure various methods of remote access to the server so you don t always have to be in the data center make changes to the default configuration of many services to harden them and increase the security of the system learn to manage dns emails and web servers protect yourself from threats by monitoring and logging network intrusion and system intrusion attempts rootkits and viruses take advantage of today s powerful hardware by running multiple systems using virtualization in detail centos is derived from red hat enterprise linux rhel sources and is widely used as a linux server this book will help you to better configure and manage linux servers in varying scenarios and business requirements starting with installing centos this book will walk you through the networking aspects of centos you will then learn how to manage users and their permissions software installs disks filesystems and so on you ll then see how to secure connection to remotely access a desktop and work with databases toward the end you will find out how to manage dns e mails web servers and more you will also learn to detect threats by monitoring network intrusion finally the book will cover virtualization techniques that will help you make the most of centos style and approach this easy to read cookbook is filled with practical recipes hands on task based exercises will present you with real world solutions to deploy and manage centos in varying business scenarios

CentOS 7 Server Deployment Cookbook

2016-10-06

this handy cookbook teaches new to intermediate linux users the essential skills necessary to manage a linux system using both graphical and command line tools whether you run linux in embedded desktop server or cloud or virtual environments the fundamental skills are the same this book aims to get you up and running quickly with copy paste examples carla schroder provides recipes that cover specific problems with discussions that explain how each recipe works as well as references for additional study you ll learn how to use systemd the new comprehensive service manager build simple or complex firewalls with firewalld set up secure network connections for linux systems and mobile devices rescue nonbooting systems reset lost passwords on linux and windows use dnsmasq to simplify managing your lan name services manage users and groups and control access to files probe your computer hardware and monitor hardware health manage the grub bootloader and multiboot linux and windows keep accurate time across your network with the newest tools build an internet router firewall on raspberry pi manage filesystems and partitioning

Linux Cookbook

2021-08-13

this ibm redbooks publication is volume 2 of a five volume series of books entitled the virtualization cookbook for ibm z this volume includes the following chapters chapter 1 installing red hat enterprise linux on lnxadmin on page 3 describes how to install and configure red hat enterprise linux onto the linux administration server which performs the cloning and other tasks chapter 2 automated red hat enterprise linux installations by using kickstart on page 37 describes how to use red hat s kickstart tool to create linux systems this tool is fundamentally different from cloning in that an automated installation is implemented you can try kickstart and cloning understand that these applications attempt to accomplish the same goal of quickly getting linux systems up and running and that you do not need to use both chapter 3 working with subscription manager yum and dandified on page 47 describes how the red hat network works it provides centralized management and provisioning for multiple red hat enterprise linux systems kickstart is an easy and fast way to provision your linux guests in any supported linux platform it re creates the operating system from the beginning by using the kickstart profile configuration file that installs the new operating system unattended it also sets up the new guest according to the definition that was set up in the kickstart file usually linux is administered by the same team that manages linux on all platforms by using kickstart you can create a basic profile that can be used in all supported platforms and customize linux profiles as needed cloning requires a better understanding of the z vm environment and z vm skills it is a fast process if you enable the ibm flashcopy feature in advance it clones the disks from a golden image to new disks that are used by the new linux guest the process can be automated by using the cloning scripts that are supplied with this book it is recommended that you start with the virtualization cookbook for ibm z volume 1 ibm z vm 7 2 sg24 8147 of this series because the ibm z vm hypervisor is the foundation or base layer for installing linux on ibm z

The Virtualization Cookbook for IBM Z Volume 2: Red Hat Enterprise Linux 8.2

2021-10-19

this soup to nuts collection of recipes covers everything you need to know to perform your job as a linux network administrator whether you re new to the job or have years of experience with linux networking cookbook you ll dive straight into the gnarly hands on work of building and maintaining a computer network running a network doesn t mean you have all the answers networking is a complex subject with reams of reference material that s difficult to keep straight much less remember if you want a book that lays out the steps for specific tasks that clearly explains the commands and configurations and does not tax your patience with endless ramblings and

meanderings into theory and obscure rfcs this is the book for you you will find recipes for building a gateway firewall and wireless access point on a linux network building a voip server with asterisk secure remote administration with ssh building secure vpns with openvpn and a linux pptp vpn server single sign on with samba for mixed linux windows lans centralized network directory with openldap network monitoring with nagios or mrtg getting acquainted with ipv6 setting up hands free networks installations of new systems linux system administration via serial console and a lot more each recipe includes a clear hands on solution with tested code plus a discussion on why it works when you need to solve a network problem without delay and don t have the time or patience to comb through reference books or the for answers linux networking cookbook gives you exactly what you need

Linux Networking Cookbook

2007-11-26

this ibm redbooks publication is volume 4 of a series of books entitled the virtualization cookbook for ibm z systems the other volumes in the series are the virtualization cookbook for ibm z systems volume 1 ibm z vm 6 3 sg24 8147 the virtualization cookbook for ibm z systems volume 2 red hat enterprise linux 7 1 servers sg24 8303 the virtualization cookbook for ibm z systems volume 3 suse linux enterprise server 12 sg24 8890 it is advised that you start with volume 1 of this series because the ibm z vm hypervisor is the foundation for installing linux on ibm ztm systems

The Virtualization Cookbook for IBM z Systems Volume 4: Ubuntu Server 16.04

2016-09-23

get to grips with cloud security fundamentals uncover cloud exploits and safeguard your organization s network through effective pentesting of aws azure and gcp key features effortlessly upgrade from oracle linux 7 or migrate from centos become a pro sysadmin by learning new tricks to manage your oracle linux servers learn how to install configure administer and maintain oracle linux servers purchase of the print or kindle book includes a free pdf ebook book descriptiondiscover the power of oracle linux 8 the free and enterprise grade linux distribution designed for use in any environment with this recipe style book starting with instructions on how to obtain oracle linux for both x86 and arm based platforms this book walks you through various installation methods from running it as a windows service to installing it on a raspberry pi it unravels advanced topics such as system upgrades using leapp for major version transitions and using a pxe server and kickstart files for more advanced installations the book then delves into swapping kernels to take advantage of oracle s uek exploring boot options managing software with dnf and achieving high availability detailed recipes involving security topics will assist with tasks such as data encryption both at rest and in motion for developers it offers guidance on building rpm files using docker and podman in a containerized environment working with appstreams and more for large scale deployments the book introduces oracle linux automation manager for enterprise level ansible utilization from setting up the ansible server to basic playbook writing finally you ll discover strategies for cloud migration by the end of this book you ll possess a comprehensive toolkit that will elevate your skills as a linux administrator what you will learn master the use of dnf for package management and stream specific installations implement high availability services through podman and oracle linux automation manager secure your system with secure boot and at rest disk encryption techniques achieve rebootless system updates using the ksplice technology optimize large scale deployments with oracle linux automation manager and ansible gain practical insights into storage management using btrfs and lvm who this book is for this book is for existing oracle linux system administrators and centos or rhel admins contemplating a migration to oracle linux 8 a foundation of basic sysadmin skills is assumed as this is not an entry level book it s a cookbook focused on complex and lesser known configurations specifically for oracle linux 8

Oracle Linux Cookbook

2024-01-19

this unique and valuable collection of tips tools and scripts provides clear concise hands on solutions that can be applied to the challenges facing anyone running a network of linux servers from small networks to large data centers in the practical and popular problem solution discussion o reilly cookbook format the linux cookbook covers everything you d expect backups new users and the like but it also covers the non obvious information that is often ignored in other books the time sinks and headaches that are a real part of an administrator s job such as dealing with odd kinds of devices that linux historically hasn t supported well building multi boot systems and handling things like video and audio the knowledge needed to install deploy and maintain linux is not easily found and no linux distribution gets it just right scattered information can be found in a pile of man pages texinfo files and source code comments but the best source of information is the experts themselves who built up a working knowledge of managing linux systems this cookbook s proven techniques distill years of hard won experience into practical cut and paste solutions to everyday linux dilemmas use just one recipe from this varied collection of real world solutions and the hours of tedious trial and error saved will more than pay for the cost of the book but those who prefer to learn hands on will find that this cookbook not only solves immediate problems quickly it also cuts right to the chase pointing out potential pitfalls and illustrating tested practices that can be applied to a myriad of other situations whether you re responsible for a small linux system a huge corporate system or a mixed linux windows macos network you ll find valuable to the point practical recipes for dealing with linux systems

everyday the linux cookbook is more than a time saver it s a sanity saver

Linux Cookbook

2004-11-29

over 100 recipes to get up and running with the modern linux administration ecosystem key featuresunderstand and implement the core system administration tasks in linuxdiscover tools and techniques to troubleshoot your linux systemmaintain a healthy system with good security and backup practicesbook description linux is one of the most widely used operating systems among system administrators and even modern application and server development is heavily reliant on the linux platform the linux administration cookbook is your go to guide to get started on your linux journey it will help you understand what that strange little server is doing in the corner of your office what the mysterious virtual machine languishing in azure is crunching through what that circuit board like thing is doing under your office tv and why the leds on it are blinking rapidly this book will get you started with administering linux giving you the knowledge and tools you need to troubleshoot day to day problems ranging from a raspberry pi to a server in azure while giving you a good understanding of the fundamentals of how gnu linux works through the course of the book you ll install and configure a system while the author regales you with errors and anecdotes from his vast experience as a data center hardware engineer systems administrator and devops consultant by the end of the book you will have gained practical knowledge of linux which will serve as a bedrock for learning linux administration and aid you in your linux journey what you will learninstall and manage a linux server both locally and in the cloudunderstand how to perform administration across all linux distroswork through evolving concepts such as iaas versus paas containers and automationexplore security and configuration best practicestroubleshoot your system if something goes wrongdiscover and mitigate hardware issues such as faulty memory and failing driveswho this book is for if you are a system engineer or system administrator with basic experience of working with linux this book is for you

Linux Administration Cookbook

2018-12-31

this ibm redbooks publication is volume 3 of a series of three books called the virtualization cookbook for ibm z systems the other two volumes are called the virtualization cookbook for ibm z systems volume 1 ibm z vm 6 3 sg24 8147 the virtualization cookbook for ibm z systems volume 2 red hat enterprise linux 7 1 servers sg24 8303 it is suggested that you start with volume 1 of this series because ibm z vm is the base layer when installing linux on ibm z systemstm volume 1 starts with an introduction describes planning and then describes z vm installation into a two node single system image ssi cluster configuration hardening automation and servicing it adopts a cookbook format that provides a concise repeatable set of procedures for installing and configuring z vm using the ssi clustering feature volumes 2 and 3 describe how to roll your own linux virtual servers on z systems hardware under z vm the cookbook format continues with installing and customizing linux volume 3 focuses on suse linux enterprise server 12 it describes how to install and configure suse linux enterprise server 12 onto the linux administration system which does the cloning and other tasks it also explains how to use autoyast2 which enables you to automatically install linux using a configuration file and explains how to create and use appliances and bootable images from configuration files in addition it provides information about common tasks and tools available to service suse linux enterprise server

<u>The Virtualization Cookbook for IBM z Systems Volume 3: SUSE Linux Enterprise Server 12</u>

2016-05-06

a practical cookbook style with numerous chapters and recipes explaining the penetration testing the cookbook style recipes allow you to go directly to your topic of interest if you are an expert using this book as a reference or to follow topics throughout a chapter to gain in depth knowledge if you are a beginner this book is ideal for anyone who wants to get up to speed with kali linux it would also be an ideal book to use as a reference for seasoned penetration testers

Kali Linux Cookbook

2013-10-15

over 40 recipes to help you set up and configure linux networks about this book move beyond the basics of how a linux machine works and gain a better understanding of linux networks and their configuration impress your peers by setting up and configuring a linux server and its various network elements like a pro this is a hands on solution guide to building maintaining and securing a network using linux who this book is for this book is

targeted at linux systems administrators who have a good basic understanding and some prior experience of how a linux machine operates but want to better understand how various network services function how to set them up and how to secure them you should be familiar with how to set up a linux server and how to install additional software on them what you will learn route an ipv6 netblock to your local network modify your named instance to support setting hostnames for your ipv6 addresses use ssh for remote console access configure nginx with tls secure xmpp with tls leverage iptables6 to firewall your ipv6 traffic configure samba as an active directory compatible directory service in detail linux can be configured as a networked workstation a dns server a mail server a firewall a gateway router and many other things these are all part of administration tasks hence network administration is one of the main tasks of linux system administration by knowing how to configure system network interfaces in a reliable and optimal manner linux administrators can deploy and configure several network services including file web mail and servers while working in large enterprise environments starting with a simple linux router that passes traffic between two private networks you will see how to enable nat on the router in order to allow internet access from the network and will also enable dhcp on the network to ease configuration of client systems you will then move on to configuring your own dns server on your local network using bind9 and tying it into your dhcp server to allow automatic configuration of local hostnames you will then future enable your network by setting up ipv6 via tunnel providers moving on we ll configure samba to centralize authentication for your network services we will also configure linux client to leverage it for authentication and set up a radius server that uses the directory server for authentication toward the end you will have a network with a number of services running on it and will implement monitoring in order to detect problems as they occur style and approach this book is packed with practical recipes and a task based approach that will walk you through building maintaining and securing a computer network using linux

Linux Networking Cookbook

2016-06-28

this ibm redbooks publication describes how to create your own linux virtual servers on ibm system z hardware under z vm it adopts a cookbook format that provides a concise repeatable set of procedures for installing and configuring z vm in an lpar and then installing and customizing linux you need an ibm system z logical partition lpar with associated resources z vm 6 1 media and sles 11 sp1 linux for system z this book assumes that you have a general familiarity with system z technology and terminology it does not assume an in depth understanding of z vm and linux it is written for those who want to get a quick start with z vm and linux on the mainframe

z/VM and Linux on IBM System z: The Virtualization Cookbook for SLES 11 SP1

2011-02-22

linuxシステムを外敵から守り安全に運用

Linuxセキュリティクックブック

2003-11

初心者から上級者まで幅広い テクニック満載

Linux kukkubukku

2005-10

this ibm ibm redbooks publication describes how to setup your own linux virtual servers on ibm zseries and system z9 under z vm it adopts a cookbook format that provides a clearly documented set of procedures for installing and configuring z vm in an lpar and then installing and customizing linux you need a zseries logical partition lpar with associated resources z vm 5 2 media and a linux distribution this book is based on suse linux enterprise server 9 sles9 for zseries and we address both 31 bit and 64 bit distributions in addition there are a few associated rexx execs and linux scripts to help speed up the process these tools are not ibm products nor formally supported however they are informally supported they are available on the in this book we assume that you have a general familiarity with zseries technology and terminology we do not assume an in depth understanding of z vm and linux this book is written for those who want to get a quick start with z vm and linux on the mainframe

z/VM and Linux on IBM System z: The Virtualization Cookbook for SLES9

2006-04-18

this ibm redbooks publication describes how to create linux virtual servers in ibm z vm on ibm system z hardware this book adopts a cookbook format that provides a concise repeatable set of procedures for installing and configuring z vm in a logical partition lpar and then installing and customizing linux you need an ibm system z lpar with the associated resources z vm v6 1 media and a linux distribution this book assumes that you have a general familiarity with system z technology and terminology it does not assume an in depth understanding of z vm and linux it is written for those clients who want to get a quick start with z vm and linux on the mainframe

z/VM and Linux on IBM System z: The Virtualization Cookbook for Red Hat Enterprise Linux 6.0

2011-02-18

this handy cookbook teaches new to intermediate linux users the essential skills necessary to manage a home or small business network the recipes in this book are updated to cover new technologies such as systemctl firewalld modern package managers the raspberry pi and connecting android and ios devices to your network you ll learn how to install maintain and troubleshoot a linux system add and remove software manage filesystems run backups and restores manage name services securely connect to remote systems partition storage devices build a lan gateway on raspberry pi and more all the fundamental tasks you ll need to run and maintain a linux system carla schroder author of over a thousand linux how tos for various publications as well as the networking cookbook and the book of audacity teaches the solid linux foundations you need to build and run your network how do you multiboot or troubleshoot software hardware and network issues each recipe addresses a specific problem and includes a discussion that explains the solution and provides insight into how it works learn how the linux ecosystem is structured enable smartphones and tablets to safely connect to your lan manage fundamental subsystems and essential tasks secure remote access and build a firewall internet gateway manage users and groups and filesystems and partitions rescue nonbooting systems manage name services and the dynamic host configuration protocol dhcp

Linux Cookbook

2021-09-30

get hands on recipes to make the most of ubuntu server centos 7 linux server and rhel 7 server about this book get linux servers up and running in seconds in depth guide to explore new features and solutions in server administration maintain performance and security of your server solution by deploying expert configuration advice who this book is for this learning path is intended for system administrators with a basic understanding of linux operating systems and written with the novice to intermediate linux user in mind to get the most of this learning path you should have a working knowledge of basic system administration and management tools what you will learn set up high performance scalable and fault tolerant back ends with web and database servers facilitate team communication with a real time chat service and collaboration tools monitor manage and develop your server s file system to maintain a stable performance gain best practice methods on sharing files and resources through a network install and configure common standard services such as web mail ftp database and domain name server technologies create kickstart scripts to automatically deploy rhel 7 systems use orchestration and configuration management tools to manage your environment in detail linux servers are frequently selected over other server operating systems for their stability security and flexibility advantages this learning path will teach you how to get up and running with three of the most popular linux server distros ubuntu server centos 7 server and rhel 7 server we will begin with the ubuntu server and show you how to make the most of ubuntu s advanced functionalities moving on we will provide you with all the knowledge that will give you access to the inner workings of the latest centos version 7 finally touching rhel 7 we will provide you with solutions to common rhel 7 server challenges this learning path combines some of the best that packt has to offer in one complete curated package it includes content from the following packt products 1 ubuntu server cookbook 2 centos 7 linux server cookbook second edition 3 red hat enterprise linux server cookbook style and approach this easy to follow practical guide contains hands on examples and solutions to real word administration problems and problems faced when building your rhel 7 system from scratch using orchestration tools

Linux: Powerful Server Administration

2017-04-27

over 150 recipes to leverage microsoft s open source automation framework and command line shell key featureswork effectively on windows linux and macos with powershell s object oriented approach and capabilitieshandle structured data seamlessly without the need for manual parsingenhance your native linux capabilities with powershell core 6 1book description powershell core the open source cross platform that is based on the open source cross platform net core is not a shell that came out by accident it was intentionally created to be versatile and easy to learn at the same time powershell core enables automation on systems ranging from the raspberry pi to

the cloud powershell core for linux administrators cookbook uses simple real world examples that teach you how to use powershell to effectively administer your environment as you make your way through the book you will cover interesting recipes on how powershell core can be used to quickly automate complex repetitive and time consuming tasks in the concluding chapters you will learn how to develop scripts to automate tasks that involve systems and enterprise management by the end of this book you will have learned about the automation capabilities of powershell core including remote management using openssh cross platform enterprise management working with docker containers and managing sql databases what you will learnleverage the object model of the shell which is based on net coreadminister computers locally as well as remotely using powershell over opensshget to grips with advanced concepts of powershell functionsuse powershell for administration on the cloudknow the best practices pertaining to powershell scripts and functionsexploit the cross platform capabilities of powershell to manage scheduled jobs docker containers and sql databaseswho this book is for powershell core for linux administrators cookbook is for you if you are a system administrator who wants to learn to control and automate a linux environment with powershell core 6 1 basic knowledge of powershell scripting is necessary it is assumed that you already understand how an operating system is structured and how to use the command line interface to work with the operating system

PowerShell Core for Linux Administrators Cookbook

2018-11-30

controlling acess to your system protecting network connections encryting files and email messages etc

Linux Security Cookbook

2003

this book is written in cookbook style beginning with recipes based on basic structure which gradually progresses towards using nagios core as a monitoring framework this book is for system administrators who are looking for recipes to help them deal with advanced network monitoring issues with nagios core

Nagios Core Administration Cookbook

2013-01-01

 raspberry pi raspberry pi raspberry pi android raspberry pi android pc microsoft windows mac os linux microsoft windows 8 1 64bit microsoft windows 7 64bit ubuntu linux 14 04 64bit mac os x 10 9 4 raspberry pi model b

*Raspberry Pi *

2014-10-14

more often than not the words sendmail configuration strike dread in the hearts of sendmail and system administrators and not without reason sendmail configuration languages are as complex as any other programming languages but used much more infrequently only when sendmail is installed or configured the average system administrator doesn t get enough practice to truly master this inscrutable technology fortunately there s help the sendmail cookbook provides step by step solutions for the administrator who needs to solve configuration problems fast say you need to configure sendmail to relay mail for your clients without creating an open relay that will be abused by spammers a recipe in the cookbook shows you how to do just that no more wading through pages of dense documentation and tutorials and creating your own custom solution just go directly to the recipe that addresses your specific problem each recipe in the sendmail cookbook outlines a configuration problem presents the configuration code that solves that problem and then explains the code in detail the discussion of the code is critical because it provides the insight you need to tweak the code for your own circumstances the sendmail cookbook begins with an overview of the configuration languages offering a quick how to for downloading and compiling the sendmail distribution next you ll find a baseline configuration recipe upon which many of the subsequent configurations or recipes in the book are based recipes in the following chapters stand on their own and

offer solutions for properly configuring important sendmail functions such as delivering and forwarding mail relaying masquerading routing mail controlling spam strong authentication securing the mail transport managing the queue securing sendmail sendmail cookbook is more than just a new approach to discussing sendmail configuration the book also provides lots of new material that doesn t get much coverage elsewhere starttls and auth are given entire chapters and ldap is covered in recipes throughout the book but most of all this book is about saving time something that most system administrators have in short supply pick up the sendmail cookbook and say good bye to sendmail dread

sendmail Cookbook

2003-12-15

if you have some experience with zabbix and wish to take your infrastructure to the next level then this book is for you before you start with zabbix or monitoring in general it is best to have some basic linux knowledge and a good understanding of snmp virtualization and scripting

Zabbix Cookbook

2015-03-20

secure your linux machines and keep them secured with the help of exciting recipes about this book this book provides code intensive discussions with detailed recipes that help you understand better and learn faster more than 50 hands on recipes to create and administer a secure linux system locally as well as on a network enhance file system security and local and remote user authentication by using various security tools and different versions of linux for different tasks who this book is for practical linux security cookbook is intended for all those linux users who already have knowledge of linux file systems and administration you should be familiar with basic linux commands understanding information security and its risks to a linux system is also helpful in understanding the recipes more easily however even if you are unfamiliar with information security you will be able to easily follow and understand the recipes discussed since linux security cookbook follows a practical approach following the steps is very easy what you will learn learn about various vulnerabilities and exploits in relation to linux systems configure and build a secure kernel and test it learn about file permissions and security and how to securely modify files explore various ways to authenticate local users while monitoring their activities authenticate users remotely and securely copy files on remote systems review various network security methods including firewalls using iptables and tcp wrapper explore various security tools including port sentry squid proxy shorewall and many more understand bash vulnerability security and patch management in detail with the growing popularity of linux more and more administrators have started moving to the system to create networks or servers for any task this also makes linux the first choice for any attacker now due to the lack of information about security related attacks administrators now face issues in dealing with these attackers as quickly as possible learning about the different types of linux security will help create a more secure linux system whether you are new to linux administration or experienced this book will provide you with the skills to make systems more secure with lots of step by step recipes the book starts by introducing you to various threats to linux systems you then get to walk through customizing the linux kernel and securing local files next you will move on to manage user authentication locally and remotely and also mitigate network attacks finally you will learn to patch bash vulnerability and monitor system logs for security with several screenshots in each example the book will supply a great learning experience and help you create more secure linux systems style and approach an easy to follow cookbook with step by step practical recipes covering the various linux security administration tasks each recipe has screenshots wherever needed to make understanding more easy

Practical Linux Security Cookbook

2016-04-29

provides step by step instructions on how to use the computer operating system linux

The Linux Cookbook, 2nd Edition

2004

there s plenty of documentation on installing and configuring the apache web server but where do you find help for the day to day stuff like adding common modules or fine tuning your activity logging that s easy the new edition of the apache cookbook offers you updated solutions to the problems you re likely to encounter with the new versions of apache written by members of the apache software foundation and thoroughly revised for

apache versions 2 0 and 2 2 recipes in this book range from simple tasks such installing the server on red hat linux or windows to more complex tasks such as setting up name based virtual hosts or securing and managing your proxy server altogether you get more than 200 timesaving recipes for solving a crisis or other deadline conundrums with topics including security aliases redirecting and rewriting cgi scripts the suexec wrapper and other dynamic content techniques error handling ssl performance this book tackles everything from beginner problems to those faced by experienced users for every problem addressed in the book you will find a worked out solution that includes short focused pieces of code you can use immediately you also get explanations of how and why the code works so you can adapt the problem solving techniques to similar situations instead of poking around mailing lists online documentation and other sources rely on the apache cookbook for quick solutions when you need them then you can spend your time and energy where it matters most

Apache Cookbook

2007-12-21

this ibm redbooks publication is volume one of five in a series of books entitled the virtualization cookbook for ibm z the series includes the following volumes the virtualization cookbook for ibm z systems volume 1 ibm z vm 7 2 sg24 8147 the virtualization cookbook for ibm z volume 2 red hat enterprise linux 8 2 servers sg24 8303 the virtualization cookbook for ibm z systems volume 3 suse linux enterprise server 12 sg24 8890 the virtualization cookbook for ibm z systems volume 4 ubuntu server 16 04 sg24 8354 virtualization cookbook for ibm z volume 5 kvm sg24 8463 it is recommended that you start with volume 1 of this series because the ibm z vm hypervisor is the foundation or base layer for installing linux on ibm z this book series assumes that you are generally familiar with ibm z technology and terminology it does not assume an in depth understanding of z vm or linux it is written for individuals who want to start quickly with z vm and linux and get virtual servers up and running in a short time days not weeks or months volume 1 starts with a solution orientation discusses planning and security and then describes z vm installation methods configuration hardening automation servicing networking optional features and more it adopts a cookbook style format that provides a concise repeatable set of procedures for installing configuring administering and maintaining z vm this volume also includes a chapter on monitoring z vm and the linux virtual servers that are hosted volumes 2 3 and 4 assume that you completed all of the steps that are described in volume 1 from that common foundation these volumes describe how to create your own linux virtual servers on ibm z hardware under ibm z vm the cookbook format continues with installing and customizing linux volume 5 provides an explanation of the kernel based virtual machine kvm on ibm z and how it can use the z architecture it focuses on the planning of the environment and provides installation and configuration definitions that are necessary to build manage and monitor a kvm on z environment this publication applies to the supported linux on z distributions red hat suse and ubuntu

The Virtualization Cookbook for IBM Z Volume 1: IBM z/VM 7.2

2021-07-15

androidの実用アプリを開発するには 各種のコーディング手法を習得する必要があります そこで本書では 実践レシピを網羅的に解説 本書により androidプログラミング手法の理解を深め 実践への応用力を高めましょう 第1版では apilevel1のレシピを中心にapilevel9までを取り上げましたが 増補改訂版では apilevel11以上 sdk3 4 のレシピを追加 本書は androidrecipes aproblem solutionapproach 2ndedition の翻訳書です 製本の都合で2冊に分冊した紙の出版物 androidプログラミングレシピ増補改訂版アーキテクチャ ui ネットワーク編 および androidプログラミングレシピ増補改訂版メディア データ システム ライブラリ ndk編 を電子化にあたり 原書に同じく再度一冊にまとめた合本です 発行 インプレス

（合本）Androidプログラミングレシピ増補改訂版

2013-09-24

データの要約からモデル解析まで 簡単クッキング 本書は r rstudioを使ったデータ分析の新しい入門書です 連続データやカテゴリデータの要約 シミュレーションや統計的検定の考え方 ベイズ解析 モデル解析までを レシピのスタイルで手順を追って画面操作 ソースコード入力 出力された数値やグラフの解釈方法などを説明します データ分析が必要となるシーンや具体例を都度示しながら解説していますので rや統計学についてはじめて学ぶ方も安心して読み進めることができます このような方におすすめ 実用的なデータ分析ができるようになりたい方 マーケティング 企画 営業などのビジネスパーソン 個人事業者 等が 数学の基礎知識が足りないと感じる人 主要目次 part 1 カルビが売れ残りすぎる 連続データの要約 part 2 アンケートが雑すぎる カテゴリデータの要約 part 3 思い込みが激しすぎる ベイズ解析のコンセプト part 4 室温が変わりすぎる モデル解析 part 5 説明が後ろすぎる r rstudioの基本と補足

Rによるデータ分析のレシピ

2020-11-30

apachサーバ管理者必携のレシピ集

*Apache*秘笈技术手册

2008-09

this book is aimed at those who want to learn how to set up an elastix unified communications server without losing ground on unified communications and voice over ip

Elastix Unified Communications Server Cookbook

2015-03-31

enhance file system security and learn about network attack security tools and different versions of linux build key features hands on recipes to create and administer a secure linux system enhance file system security and local and remote user authentication use various security tools and different versions of linux for different tasks book description over the last few years system security has gained a lot of momentum and software professionals are focusing heavily on it linux is often treated as a highly secure operating system however the reality is that linux has its share of security flaws and these security flaws allow attackers to get into your system and modify or even destroy your important data but there s no need to panic since there are various mechanisms by which these flaws can be removed and this book will help you learn about different types of linux security to create a more secure linux system with a step by step recipe approach the book starts by introducing you to various threats to linux systems then this book will walk you through customizing the linux kernel and securing local files next you will move on to managing user authentication both locally and remotely and mitigating network attacks later you will learn about application security and kernel vulnerabilities you will also learn about patching bash vulnerability packet filtering handling incidents and monitoring system logs finally you will learn about auditing using system services and performing vulnerability scanning on linux by the end of this book you will be able to secure your linux systems and create a robust environment what you will learn learn about vulnerabilities and exploits in relation to linux systems configure and build a secure kernel and test it learn about file permissions and how to securely modify files authenticate users remotely and securely copy files on remote systems review different network security methods and tools perform vulnerability scanning on linux machines using tools learn about malware scanning and read through logs who this book is for this book is intended for all those linux users who already have knowledge of linux file systems and administration you should be familiar with basic linux commands understanding information security and its risks to a linux system is also helpful in understanding the recipes more easily

Practical Linux Security Cookbook

2018-08-31

apache is far and away the most widely used web server platform in the world both free and rock solid it runs more than half of the world s web sites ranging from huge e commerce operations to corporate intranets and smaller hobby sites and it continues to maintain its popularity drawing new users all the time if you work with apache on a regular basis you have plenty of documentation on installing and configuring your server but where do you go for help with the day to day stuff like adding common modules or fine tuning your activity logging the apache cookbook is a collection of problems solutions and practical examples for webmasters web administrators programmers and everyone else who works with apache for every problem addressed in the book there s a worked out solution or recipe short focused pieces of code that you can use immediately but this book offers more than cut and paste code you also get explanations of how and why the code works so you can adapt the problem solving techniques to similar situations the recipes in the apache cookbook range from simple tasks such installing the server on red hat linux or windows to more complex tasks such as setting up name based virtual hosts or securing and managing your proxy server the two hundred plus recipes in the book cover additional topics such as security aliases redirecting and rewriting cgi scripts the suexec wrapper and other dynamic content techniques error handling ssl performance the impressive collection of useful code in this book is a guaranteed timesaver for all apache users from novices to advanced practitioners instead of poking around mailing lists online documentation and other sources you can rely on the apache cookbook for quick solutions to common problems and then you can spend your time and energy where it matters most

Apache Cookbook

2003-11-18

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