

Configure A Centos 7 Postfix Mail Server With Virtual Users

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sendmail Cookbook - Craig Hunt 2003-12-15

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.

Pro Drupal Development - John VanDyk 2007-09-08

Drupal is the premier open source content management system available. It is used for high profile sites such as TheOnion.com and has been deployed by organizations such as NASA. Utilizing Drupal, you can create your own personal blog, a community driven site like Slashdot, or any other content oriented web site you can imagine. *Pro Drupal Development* is a book geared to professionals that need to deploy and customize Drupal. This book deeply delves into the internals of the Drupal system and teaches the reader everything they will need to know to deploy a highly customized and optimized Drupal installation.

Building Secure Servers with Linux - Michael D. Bauer 2002

Linux consistently turns up high in the list of popular Internet servers, whether it's for the Web, anonymous FTP, or general services like DNS and routing mail. But security is uppermost on the mind of anyone providing such a service. Any server experiences casual probe attempts dozens of times a day, and serious break-in attempts with some frequency as well. As the cost of broadband and other high-speed Internet connectivity has gone down, and its availability has increased, more Linux users are providing or considering providing Internet services such as HTTP, Anonymous FTP, etc., to the world at large. At the same time, some important, powerful, and popular Open Source tools have emerged and rapidly matured--some of which rival expensive commercial equivalents--making Linux a particularly appropriate platform for providing secure Internet services. *Building Secure Servers with Linux* will help you master the principles of reliable system and network security by combining practical advice with a firm knowledge of the

technical tools needed to ensure security. The book focuses on the most common use of Linux--as a hub offering services to an organization or the larger Internet--and shows readers how to harden their hosts against attacks. Author Mick Bauer, a security consultant, network architect, and lead author of the popular Paranoid Penguin column in *Linux Journal*, carefully outlines the security risks, defines precautions that can minimize those risks, and offers recipes for robust security. The book does not cover firewalls, but covers the more common situation where an organization protects its hub using other systems as firewalls, often proprietary firewalls. The book includes: Precise directions for securing common services, including the Web, mail, DNS, and file transfer. Ancillary tasks, such as hardening Linux, using SSH and certificates for tunneling, and using iptables for firewalling. Basic installation of intrusion detection tools. Writing for Linux users with little security expertise, the author explains security concepts and techniques in clear language, beginning with the fundamentals. *Building Secure Servers with Linux* provides a unique balance of "big picture" principles that transcend specific software packages and version numbers, and very clear procedures on securing some of those software packages. An all-inclusive resource for Linux users who wish to harden their systems, the book covers general security as well as key services such as DNS, the Apache Web server, mail, file transfer, and secure shell. With this book in hand, you'll have everything you need to ensure robust security of your Linux system.

Linux System Administration - Tom Adelstein 2007-03-27

A guide geared toward seasoned Linux and Unix administrators offers practical knowledge for managing a range of Linux systems and servers, covering such topics as installing servers, setting up e-mail systems, and creating shell scripts.

Deploy Integrated Internet Apps Using Docker - Hong Xu 2016-03-10

This manual consists of instructions to set up integrated Internet services

using existing free software for you, your family and/or your organization under a framework using Docker. Before reading this manual, make sure you understand the basics of GNU/Linux commands (or a different POSIX system such as Mac OS X, FreeBSD). Server setup knowledge is recommended but not required. By following the instructions in this manual, you should be able to set up an integrated system running multiple server software---we will refer them as "Internet apps" throughout this manual. In addition, you can also use this manual as a reference. For instance, if you follow some other instructions to deploy a server with Docker, or to set up some of the software mentioned in this manual, this manual may be helpful.

Linux Server, DevOps, Cloud Computing - Iwan Sofana 2019-03-26

This book is about Linux Red Hat and Centos Installation, User guide, Internet server, Cloud Computing, Network, DevOps, and Security. Level: Beginner to Intermediate

Troubleshooting CentOS - Jonathan Hobson 2015-06-24

CentOS is the enterprise-grade Linux operating system built using the same source code as Red Hat Enterprise Linux (RHEL) to provide a free-to-use alternative to Red Hat's commercial Linux offering. The purpose of this book is to build on your understanding of CentOS and to explore those mission-critical services you are entrusted to manage and maintain. Starting with a brief introduction to the overall subject of troubleshooting a CentOS server, this book will take you on a journey across the whole spectrum of issue-based problem solving, which includes active processes, the networking environment, package management, users, folders, files, shared resources, security, databases, and web-based services. By the end of the book, you will have expert-level competency in identifying and diagnosing the root causes of CentOS storage, network, and administration issues and resolving them.

LPIC-2 Cert Guide - William Rothwell 2016-05-23

LPIC-2 Cert Guide (201-400 and 202-400 Exams) is a best-of-breed exam study

guide. Expert Linux/Unix instructor William "Bo" Rothwell 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 and retention of exam topics. 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. You get access to the powerful Pearson IT Certification Practice Test engine, complete with hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. 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 allow you to succeed on the exam the first time. The study guide helps you master all the topics on both LPIC-2 exams, including: Capacity planning Managing the kernel Managing system startup Managing filesystems and devices Administering advanced storage devices Configuring the network Performing system maintenance Administering Domain Name Server (DNS) Configuring web services Administering file sharing Managing network clients Administering e-mail services Administering system security Learn, prepare, and practice for LPIC-2 201-400 and 202-400 exam success with this Cert Guide from Pearson IT Certification, a leader in IT Certification. Master LPIC-2 Exam 201-400 and 202-400 exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Practice with realistic exam questions

Symfony 5 - Fabien Potencier 2019-11-08

Red Hat RHCSA/RHCE 7 Cert Guide - Sander van Vugt 2015-08-07

Trust the best-selling Cert Guide series from Pearson IT Certification to help you learn, prepare, and practice for exam success. Cert Guides are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Red Hat RHCSA (EX200) and RHCE (EX300) exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks Test yourself with 4 practice exams (2 RHCSA and 2 RHCE) Gain expertise and knowledge using the companion website, which contains over 40 interactive exercises, 4 advanced CLI simulations, 40 interactive quizzes and glossary quizzes (one for each chapter), 3 virtual machines and more. Red Hat RHCSA/RHCE 7 Cert Guide presents you with an organized test preparation routine through the use of proven series elements and techniques. “Do I Know This Already?” quizzes open each chapter and allow you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending labs help you drill on key concepts you must know thoroughly. Red Hat RHCSA/RHCE 7, Premium Edition eBook and Practice Test focuses specifically on the objectives for the newest Red Hat RHCSA (EX200) and RHCE (EX300) exams reflecting Red Hat Enterprise Linux 7. Expert Linux trainer and consultant Sander van Vugt 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 and retention of exam topics. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will allow you to succeed on the exam the first time. This study guide

helps you master all the topics on the new RHCSA (EX200) and RHCE (EX300) exams, including Part 1: RHCSA Basic System Management: Installation, tools, text files, server connections; user, group, and permissions management; network configuration Operating Running Systems: Process management, VMs, package installation, task scheduling, logging, managing partitions and LVM logical volumes Advanced System Administration: Basic kernel management, basic Apache server configuration, boot procedures/troubleshooting Managing Network Services: Using Kickstart; managing SELinux; configuring firewalls, remote mounts, FTP, and time services Part 2: RHCE System Configuration/Management: External authentication/authorization, iSCSI SANs, performance reporting, optimization, logging, routing/advanced networking, Bash scripting System Security: Configuring firewalls, advanced Apache services, DNS, MariaDB, NFS, Samba, SMTP, SSH, and time synchronization

Linux E-mail - Alistair McDonald 2009-11-11

This book takes a practical, step by step approach to working with email servers. It starts by establishing the basics and setting up a mail server. Then you move to advanced sections like webmail access, security, backup, and more. You will find many examples and clear explanations that will facilitate learning. This book is aimed at technically confident users and new and part time system administrators in small businesses, who want to set up a Linux based email server without spending a lot of time becoming expert in the individual applications. Basic knowledge of Linux is expected.

Pro Linux System Administration - Dennis Matotek 2017-03-14

Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and experienced guidance of the authors, this book provides everything you need to move your business forward. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on

Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Pro Linux System Administration takes a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. Completely updated for this second edition, Dennis Matotek takes you through an infrastructure-as-code approach, seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more. What You'll Learn: Understand Linux architecture Build, back up, and recover Linux servers Create basic networks and network services with Linux Build and implement Linux infrastructure and services including mail, web, databases, and file and print Implement Linux security Resolve Linux performance and capacity planning issues Who This Book Is For: Small to medium-sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems integrators looking for an extensible Linux infrastructure management approach.

Learning Kali Linux - Ric Messier 2018-07-17

With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute

penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete

Jenkins: The Definitive Guide - John Ferguson Smart 2011-07-12

Streamline software development with Jenkins, the popular Java-based open source tool that has revolutionized the way teams think about Continuous Integration (CI). This complete guide shows you how to automate your build, integration, release, and deployment processes with Jenkins—and demonstrates how CI can save you time, money, and many headaches. Ideal for developers, software architects, and project managers, Jenkins: The Definitive Guide is both a CI tutorial and a comprehensive Jenkins reference. Through its wealth of best practices and real-world tips, you'll discover how easy it is to set up a CI service with Jenkins. Learn how to install, configure, and secure your Jenkins server Organize and monitor general-purpose build jobs Integrate automated tests to verify builds, and set up code quality reporting Establish effective team notification strategies and techniques Configure build pipelines, parameterized jobs, matrix builds, and other advanced jobs Manage a farm of Jenkins servers to run distributed builds Implement automated deployment and continuous delivery

Red Hat Enterprise Linux 8 Essentials - Neil Smyth 2019-06-13

Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the Red Hat Enterprise Linux 8 distribution. Not only is it considered to be among the most stable and reliable operating systems, it is also backed by the considerable resources and technical skills of Red Hat, Inc. Red Hat Enterprise Linux 8 Essentials is designed to provide detailed information on the installation, use and administration of the

Red Hat Enterprise Linux 8 distribution. For beginners, the book covers topics such as operating system installation, the basics of the GNOME desktop environment, configuring email and web servers and installing packages and system updates using App Streams. Additional installation topics such as dual booting with Microsoft Windows are also covered, together with all important security topics such as configuring a firewall and user and group administration. For the experienced user, topics such as remote desktop access, the Cockpit web interface, logical volume management (LVM), disk partitioning, swap management, KVM virtualization, Secure Shell (SSH), Linux Containers and file sharing using both Samba and NFS are covered in detail to provide a thorough overview of this enterprise class operating system.

The Definitive Guide to CentOS - Peter Membrey 2009-08-15

CentOS is just like Red Hat, but without the price tag and with the virtuous license. When belts have to be tightened, we want to read about an OS with all the features of a commercial Linux variety, but without the pain. The Definitive Guide to CentOS is the first definitive reference for CentOS and focuses on CentOS alone, the workhorse Linux distribution, that does the heavy lifting in small and medium-size enterprises without drawing too much attention to itself. Provides tutorial and hands-on learning but is also designed to be used as a reference Bases all examples on real-world tasks that readers are likely to perform Serves up hard-won examples and hints and tips from the author's experiences of CentOS in production

Linux Tutorials - Herong's Tutorial Examples - Herong Yang 2009-01-01

This book is a collection of notes and sample codes written by the author while he was learning Linux systems. Topics include using Cockpit Web portal for admin tasks; using network configuration and security firewall; managing users and groups; managing files and directories; managing NTFS, CIFS, EXT4, LBA, LVM file systems; installing CentOS systems; using

SELinux (Security-Enhanced Linux) system; DNF/YUM software package manager; managing MySQL server; developing Python and PHP scripts; using GCC C/C++ compilers; managing vsftpd - Very Secure FTP daemon; managing Postfix and Dovecot servers for emails; managing directory service with OpenLDAP; running graphical applications on GNOME desktop and X11 servers; running Conda - Environment and Package Manager. Updated in 2022 (Version v5.40) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Linux>.

Mastering Linux Security and Hardening - Donald A. Tevault 2020-02-21
A comprehensive guide to securing your Linux system against cyberattacks and intruders Key Features Deliver a system that reduces the risk of being hacked Explore a variety of advanced Linux security techniques with the help of hands-on labs Master the art of securing a Linux environment with this end-to-end practical guide Book Description From creating networks and servers to automating the entire working environment, Linux has been extremely popular with system administrators for the last couple of decades. However, security has always been a major concern. With limited resources available in the Linux security domain, this book will be an invaluable guide in helping you get your Linux systems properly secured. Complete with in-depth explanations of essential concepts, practical examples, and self-assessment questions, this book begins by helping you set up a practice lab environment and takes you through the core functionalities of securing Linux. You'll practice various Linux hardening techniques and advance to setting up a locked-down Linux server. As you progress, you will also learn how to create user accounts with appropriate privilege levels, protect sensitive data by setting permissions and encryption, and configure a firewall. The book will help you set up mandatory access control, system auditing, security profiles, and kernel hardening, and finally cover best practices and troubleshooting techniques to secure your Linux environment efficiently. By

the end of this Linux security book, you will be able to confidently set up a Linux server that will be much harder for malicious actors to compromise. What you will learn Create locked-down user accounts with strong passwords Configure firewalls with iptables, UFW, nftables, and firewalld Protect your data with different encryption technologies Harden the secure shell service to prevent security break-ins Use mandatory access control to protect against system exploits Harden kernel parameters and set up a kernel-level auditing system Apply OpenSCAP security profiles and set up intrusion detection Configure securely the GRUB 2 bootloader and BIOS/UEFI Who this book is for This book is for Linux administrators, system administrators, and network engineers interested in securing moderate to complex Linux environments. Security consultants looking to enhance their Linux security skills will also find this book useful. Working experience with the Linux command line and package management is necessary to understand the concepts covered in this book.

Red Hat Enterprise Linux Troubleshooting Guide - Benjamin Cane

2015-10-19

Identify, capture and resolve common issues faced by Red Hat Enterprise Linux administrators using best practices and advanced troubleshooting techniques About This Book Develop a strong understanding of the base tools available within Red Hat Enterprise Linux (RHEL) and how to utilize these tools to troubleshoot and resolve real-world issues Gain hidden tips and techniques to help you quickly detect the reason for poor network/storage performance Troubleshoot your RHEL to isolate problems using this example-oriented guide full of real-world solutions Who This Book Is For If you have a basic knowledge of Linux from administration or consultant experience and wish to add to your Red Hat Enterprise Linux troubleshooting skills, then this book is ideal for you. The ability to navigate and use basic Linux commands is expected. What You Will Learn Identify issues that need rapid resolution

against long term root cause analysis Discover commands for testing network connectivity such as telnet, netstat, ping, ip and curl Spot performance issues with commands such as top, ps, free, iostat, and vmstat Use tcpdump for traffic analysis Repair a degraded file system and rebuild a software raid Identify and troubleshoot hardware issues using dmesg Troubleshoot custom applications with strace and knowledge of Linux resource limitations In Detail Red Hat Enterprise Linux is an operating system that allows you to modernize your infrastructure, boost efficiency through virtualization, and finally prepare your data center for an open, hybrid cloud IT architecture. It provides the stability to take on today's challenges and the flexibility to adapt to tomorrow's demands. In this book, you begin with simple troubleshooting best practices and get an overview of the Linux commands used for troubleshooting. The book will cover the troubleshooting methods for web applications and services such as Apache and MySQL. Then, you will learn to identify system performance bottlenecks and troubleshoot network issues; all while learning about vital troubleshooting steps such as understanding the problem statement, establishing a hypothesis, and understanding trial, error, and documentation. Next, the book will show you how to capture and analyze network traffic, use advanced system troubleshooting tools such as strace, tcpdump & dmesg, and discover common issues with system defaults. Finally, the book will take you through a detailed root cause analysis of an unexpected reboot where you will learn to recover a downed system. Style and approach This is an easy-to-follow guide packed with examples of real-world core Linux concepts. All the topics are presented in detail while you're performing the actual troubleshooting steps.

Webmin Administrator's Cookbook - Michał Karzyński 2014-03-26

Written in a cookbook format with practical recipes this book helps you to perform various administrative tasks using Webmin and enables you to perform common jobs more efficiently. This book is perfect for System

administrators who want to learn more advanced concepts of Webmin and how it can help to set up a server for development, testing or deployment.

Sendmail Performance Tuning - Nick Christenson 2003

A practical guide to building, tuning, and testing email servers based on sendmail to function more efficiently and resist both accidental and malicious load-related incidents. Based on sendmail 8.12 and earlier versions, the volume covers performance tuning, configuring, and security, with precise directions for managing bottlenecks and load-testing. Annotation copyrighted by Book News, Inc., Portland, OR.

CentOS 7 Linux Server Cookbook - Oliver Pelz 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.

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servers; running Conda - Environment and Package Manager. Updated in 2022 (Version v5.40) with minor updates. For latest updates and free sample chapters, visit <https://www.herongyang.com/Linux>.

Hadoop Operations - Eric Sammer 2012-09-26

If you've been asked to maintain large and complex Hadoop clusters, this book is a must. Demand for operations-specific material has skyrocketed now that Hadoop is becoming the de facto standard for truly large-scale data processing in the data center. Eric Sammer, Principal Solution Architect at Cloudera, shows you the particulars of running Hadoop in production, from planning, installing, and configuring the system to providing ongoing maintenance.

Rather than run through all possible scenarios, this pragmatic operations guide calls out what works, as demonstrated in critical deployments. Get a high-level overview of HDFS and MapReduce: why they exist and how they work Plan a Hadoop deployment, from hardware and OS selection to network requirements Learn setup and configuration details with a list of critical properties Manage resources by sharing a cluster across multiple groups Get a runbook of the most common cluster maintenance tasks Monitor Hadoop clusters—and learn troubleshooting with the help of real-world war stories Use basic tools and techniques to handle backup and catastrophic failure

CentOS 8 Essentials - Neil Smyth 2019-12-11

Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the CentOS 8 distribution. Not only is it considered to be among the most stable and reliable operating systems, it is also backed by the considerable resources and technical skills of Red Hat, Inc. CentOS 8 Essentials is designed to provide detailed information on the installation, use and administration of the CentOS 8 distribution. For beginners, the book covers topics such as operating system installation, the basics of the GNOME desktop environment, configuring email and web servers and installing packages and system updates using App Streams.

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RHCSA/RHCE Red Hat Linux Certification Study Guide (Exams EX200 & EX300), 6th Edition - Michael Jang 2011-06-17

The best fully integrated study system available (Exams EX200 and EX300) With hundreds of review questions and complete coverage of performance-based requirements, RHCSA/RHCE Red Hat Linux Certification Study Guide, Sixth Edition covers what you need to know--and shows you how to prepare--for these challenging exams. 100% complete coverage of all official objectives for Exams EX200 and EX300 Exam Readiness Checklist--you're ready for the exam when all objectives on the list are checked off Inside the Exam sections in every chapter highlight key exam topics covered Two-Minute Drills for quick review 100+ lab questions--two full lab-based RHCSA exams and two full lab-based RHCE exams--match the format, tone, topics, and difficulty of the real exam Covers all the exam topics, including: Virtual Machines and Automated Installations * Fundamental Command Line Skills * RHCSA-Level Security Options * The Boot Process * Linux Filesystem Administration * Package Management * User Administration * RHCSA-Level System Administration * RHCE Security * System Services and SELinux * RHCE Administration * Mail Servers * Samba * File Sharing * DNS, FTP, and Logging CD-ROM includes: Complete lab-based exam preparation, featuring: Two full RHCSA practice exams Two full RHCE practice exams Lab-based chapter self tests In-depth answer explanations for all labs RHCSA and RHCE

Glossary PDF copy of the book for studying on the go Michael Jang, RHCE, LPIC-2, UCP, LCP, MCP, is the author of three previous bestselling editions of RHCE Red Hat Certified Engineer Linux Study Guide and several other books on Linux and professional certification.

[Linux: Powerful Server Administration](#) - Uday R. Sawant 2017-04-27

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 world administration problems and problems faced when building your RHEL 7 system from scratch using orchestration tools.

[The FreeBSD Handbook](#) - Walnut Creek CD-ROM 2000-05-31

"The FreeBSD Handbook" is a comprehensive FreeBSD tutorial and reference. It covers installation, day-to-day use of FreeBSD, Ports collection, creating a custom kernel, security topics, the X Window System, how to use FreeBSD's Linux binary compatibility, and how to upgrade your system from source using the "make world" command.

Foundations of CentOS Linux - Chivas Sicam 2010-01-08

You need to maintain clients, servers and networks, while acquiring new skills. Foundations of Cent OS Linux: Enterprise Linux On the Cheap covers a free, unencumbered Linux operating system within the Red Hat lineage, but it does not assume you have a Red Hat Enterprise Linux license. Now you can learn CentOS Linux, the most powerful and popular of all Red Hat clones, keep maintaining your network at work, and become an Red Hat Certified Engineer, all just for the cost of this book. Introduces CentOS Linux and Fedora clients as equals to Red Hat Enterprise Linux Sets up CentOS as a secure, high-performance web services back end Prepares you for the RHCE examination, but does not assume an RHEL installation

[Mastering CentOS 7 Linux Server](#) - Mohamed Alibi 2016-01-29

Configure, manage, and secure a CentOS 7 Linux server to serve a variety of

services provided in a sustainable computer's infrastructure. **About This Book** Learn how to efficiently set up and manage a Linux server using one of the best suited technologies for this purpose, CentOS 7 Personalize your Linux server and familiarize yourself with the latest tools and utilities setup provided by the new CentOS distribution Follow a step-by-step tutorial through the configuration of the requested services with the capacity to personalize them as per your needs **Who This Book Is For** If you are a Linux system administrator with an intermediate administration level, this is your opportunity to master the brand new distribution of CentOS. If you wish to possess a fully sustainable Linux server, with all its new tools and tweaks, that serves a variety of services to your users and customers, this book is ideal for you. It is your ticket to easily adapt to all the changes made in the latest shift. **What You Will Learn** Manage CentOS 7 users, groups, and root access privileges Enhance the server's security through its firewall and prevent the most common attacks from penetrating or disabling the server Explore and implement the common, useful services that a CentOS 7 server can provide Monitor your server infrastructure for system or hardware issues Create and configure a virtual machine using virtualization technologies Implement a cloud computing solution on a single node system Get an introduction to the configuration management tools and their usage Discover the importance of the tools that provide remote connection, server service security, and system and process monitoring tools **In Detail** Most server infrastructures are equipped with at least one Linux server that provides many essential services, both for a user's demands and for the infrastructure itself. Setting up a sustainable Linux server is one of the most demanding tasks for a system administrator to perform. However, learning multiple, new technologies to meet all of their needs is time-consuming. CentOS 7 is the brand new version of the CentOS Linux system under the RPM (Red Hat) family. It is one of the most widely-used operating systems, being the choice of many organizations

across the world. With the help of this book, you will explore the best practices and administration tools of CentOS 7 Linux server along with implementing some of the most common Linux services. We start by explaining the initial steps you need to carry out after installing CentOS 7 by briefly explaining the concepts related to users, groups, and right management, along with some basic system security measures. Next, you will be introduced to the most commonly used services and shown in detail how to implement and deploy them so they can be used by internal or external users. Soon enough, you will be shown how to monitor the server. We will then move on to master the virtualization and cloud computing techniques. Finally, the book wraps up by explaining configuration management and some security tweaks. All these topics and more are covered in this comprehensive guide, which briefly demonstrates the latest changes to all of the services and tools with the recent shift from CentOS 6 to CentOS 7. **Style and approach** This is a detailed and in-depth guide to help you administrate CentOS 7 for the usage of your server's infrastructure and also for personal network security. Each section shows a list of tools and utilities that are useful to perform the required task, in an easy to understand manner.

Beginning Elastic Stack - Vishal Sharma 2016-12-09

Learn how to install, configure and implement the Elastic Stack (Elasticsearch, Logstash and Kibana) – the invaluable tool for anyone deploying a centralized log management solution for servers and apps. You will see how to use and configure Elastic Stack independently and alongside Puppet. Each chapter includes real-world examples and practical troubleshooting tips, enabling you to get up and running with Elastic Stack in record time. Fully customizable and easy to use, Elastic Stack enables you to be on top of your servers all the time, and resolve problems for your clients as fast as possible. Supported by Puppet and available with various plugins. Get started with Beginning Elastic Stack today and see why many consider Elastic Stack the best option for

server log management. What You Will Learn: Install and configure Logstash Use Logstash with Elasticsearch and Kibana Use Logstash with Puppet and Foreman Centralize data processing Who This Book Is For: Anyone working on multiple servers who needs to search their logs using a web interface. It is ideal for server administrators who have just started their job and need to look after multiple servers efficiently.

GitLab Quick Start Guide - Adam O'Grady 2018-11-30

Port projects over from GitHub and convert SVN projects to GitLab hosted git projects Key Features Effective guide for GitLab migration from GitHub and SVN Learn to implement DevOps with GitLab 11 Manage projects with issue boards and time tracking Book Description Gitlab is an open source repository management and version control toolkit with an enterprise offering. This book is the ideal guide to GitLab as a version control system (VCS), issue management tool, and a continuous integration platform. The book starts with an introduction to GitLab, a walkthrough of its features, and explores concepts such as version control systems, continuous integration, and continuous deployment. It then takes you through the process of downloading and installing a local copy of the on-premise version of GitLab in Ubuntu and/or CentOS. You will look at some common workflows associated with GitLab workflow and learn about project management in GitLab. You will see tools and techniques for migrating your code base from various version control systems such as GitHub and SVN to GitLab. By the end of the book, you will be using Gitlab for repository management, and be able to migrate projects from other VCSs to GitLab. What you will learn Set up CI and test builds for your projects Understand the benefits and limitations of GitLab workflow Migrate from other common VCS platforms to Gitlab Create, review, and merge code changes Learn to branch local code and create a new branch in GitLab Configure sequential stages and simultaneous stages for CI/CD Access Mattermost for on-premise GitLab Discover the issue tracking features of

GitLab Who this book is for The book is intended for the developers, SREs, and DevOps professionals who are looking for techniques to port their codebase to GitLab from GitHub or are looking to work with GitLab as their version control system of choice. If you've used other VCSs before, that will help with this book.

Learn CentOS Linux Network Services - Antonio Vazquez 2016-11-29

Learn to set up the latest CentOS Linux network services including DNS, DHCP, SSH and VNC, Web, FTP, Mail, Firewall, and LDAP, enabling you to provide these services on your own network. CentOS continues to be a popular Linux distribution choice, and setting up your own services is a key skill for anyone maintaining a CentOS network. You will learn how to install CentOS, and manage basic administration. You'll then move onto understanding networking, and how to set up your required services. Each chapter is written in an easy-to-digest format and teaches you how set up, manage, and troubleshoot each service. You'll be running your own network in no time at all. What You Will Learn Install and set up the latest version of CentOS Configure and manage a wide range of network services Solve problems remotely and manage your network efficiently Who This Book Is For Anyone who wants to learn how to set up and manage CentOS Linux network services. Some previous Linux experience is beneficial, but this book is designed to be used by beginners.

CentOS 7 Server Deployment Cookbook - Timothy Boronczyk 2016-10-06

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.

Asterisk: The Definitive Guide - Jim Van Meggelen 2019-06-24

Design a complete Voice over IP (VoIP) or traditional PBX system with Asterisk, even if you have only basic telecommunications knowledge. This bestselling guide makes it easy with a detailed roadmap that shows you how to install and configure this open source software, whether you're upgrading your existing phone system or starting from scratch. Ideal for Linux administrators, developers, and power users, this updated fifth edition shows

you how to write a basic dialplan step-by-step and brings you up to speed on the features in Asterisk 16, the latest long-term support release from Digium. You'll quickly gain working knowledge to build a simple yet inclusive system. Integrate Asterisk with analog, VoIP, and digital telephony systems Build an interactive dialplan using best practices for more advanced features Delve into voicemail options such as storing messages in a database Connect to external services including Google Hangouts, XMPP, and calendars Incorporate Asterisk features and functions into a relational database to facilitate information sharing Learn how to use Asterisk's security, call routing, and faxing features Monitor and control your system with the Asterisk Manager Interface (AMI)

CentOS 6 Linux Server Cookbook - Jonathan Hobson 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

Bash Guide for Beginners (Second Edition) - Machtelt Garrels 2010

The Bash Guide for Beginners (Second Edition) discusses concepts useful in the daily life of the serious Bash user. While a basic knowledge of shell usage is required, it starts with a discussion of shell building blocks and common practices. Then it presents the grep, awk and sed tools that will later be used to create more interesting examples. The second half of the course is about shell constructs such as loops, conditional tests, functions and traps, and a number of ways to make interactive scripts. All chapters come with examples and exercises that will help you become familiar with the theory.

CentOS Web Panel การติดตั้ง การตั้งค่า การแก้ปัญหา เบื้องต้น - ดอกคำไย

CentOS Web Panel การติดตั้ง การตั้งค่า การแก้ปัญหา เมืองต้น E-book เล่มนี้ที่เขียนจาก
ประสบการณ์การใช้งานจริง เริ่มด้วยความรู้ในเรื่อง server เป็นศูนย์ พอจะมีประสบการณ์เล็กๆน้อยมาเขียนให้
ทุกท่านได้อ่านกัน อีบุ๊กเล่มนี้จะบอกวิธีการติดตั้ง การตั้งค่า CWP Panel เมืองต้น ในส่วนของภาษา
ที่เขียนในอีบุ๊ก เล่มนี้จะไม่ทำอะไรเป็นสิ่งที่ตายตัว เขียนบรรยายไปตามที่ได้เรียนรู้มา หากภาษาในอีบุ๊กเล่มนี้สะดุดไป
ไม่ไปเพราะ ก็ต้องขออภัยมา ณ โอกาสนี้ ดอกกล้วย ขอขอบคุณทุกท่านที่สนใจอีบุ๊กเล่มนี้ หากมีข้อสงสัย หรือ
ต้องการติดต่อสอบถามประการใด สามารถเข้ามาสอบถามพูดคุยได้ที่อีเมล northdd1@gmail.com หรือเข้า
กลุ่ม Facebook ได้ที่ <https://www.facebook.com/groups/cwppanel/> ผู้เขียนหวังว่าทุก
ท่านที่ตั้งใจซื้ออีบุ๊กเล่มนี้ จะได้รับประโยชน์ในระดับหนึ่งจากอีบุ๊กเล่มนี้ ดอกกล้วย เขียนและเรียบเรียง สารบัญ
สร้าง droplets หรือ create cloud server จาก Digital Ocean 3 ติดตั้ง CWP 10 ตั้งค่า
CWP 20 หน้า CWP Setting 22 ตั้งค่า name server 23 วิธีสร้าง nameserver ในฝั่งของ
Domain name 24 เพิ่ม dns zone 25 สร้าง Package 27 เพิ่ม User ตั้งค่า User 28 ตั้งค่า
DNS Zone 30 BIND Dns Failed 31 ตรวจเช็กการอัปเดต name server 34 เปิดไฟล์วอลล์ 35
ติดตั้ง Mod security 35 ตั้งค่า php.ini 36 ตั้งค่า cache 37 ตั้งค่า Mailserver MANager
38 ติดตั้ง ssl ฟรี 41 เพิ่มโดเมนเนมอื่นๆ 43 สร้าง Ftp account เพื่ออัปโหลดไฟล์ต่างๆ 46 อัปโหลด
wordpress 47 สร้างฐานข้อมูล 47 แก้ไข error 500 49 ติดตั้ง wordpress 50 วิธีเพิ่มเว็บไซต์ใน
Cloudflare 56 วิธีเพิ่ม Mailgun เมืองต้น 61 วิธีซื้อ CWP pro 68

Postfix - Kyle D. Dent 2004

This guide readers from the basic configuration to the full power of Postfix. It
discusses the interfaces to various tools that round out a fully scalable and
highly secure email system. These tools include POP, IMAP, LDAP, MySQL,
Simple Authentication and Security Layer (SASL), and Transport Layer
Security (TLS, an upgrade of SSL).

Linux Server Security - Chris Binnie 2016-05-16

Learn how to attack and defend the world's most popular web server
platform Linux Server Security: Hack and Defend presents a detailed guide
for experienced admins, aspiring hackers and other IT professionals seeking a
more advanced understanding of Linux security. Written by a 20-year
veteran of Linux server deployment this book provides the insight of
experience along with highly practical instruction. The topics range from the
theory of past, current, and future attacks, to the mitigation of a variety of
online attacks, all the way to empowering you to perform numerous
malicious attacks yourself (in the hope that you will learn how to defend
against them). By increasing your understanding of a hacker's tools and
mindset you're less likely to be confronted by the all-too-common reality
faced by many admins these days: someone else has control of your systems.
Master hacking tools and launch sophisticated attacks: perform SQL injections,
deploy multiple server exploits and crack complex passwords. Defend systems
and networks: make your servers invisible, be confident of your security
with penetration testing and repel unwelcome attackers. Increase your
background knowledge of attacks on systems and networks and improve all-
important practical skills required to secure any Linux server. The techniques
presented apply to almost all Linux distributions including the many Debian
and Red Hat derivatives and some other Unix-type systems. Further your
career with this intriguing, deeply insightful, must-have technical book.
Diverse, broadly-applicable and hands-on practical, Linux Server Security:
Hack and Defend is an essential resource which will sit proudly on any
techie's bookshelf.