Site To Download Centos Iptables Manual

Recognizing the exaggeration ways to acquire this book **Centos Iptables Manual** is additionally useful. You have remained in right site to begin getting this info. get the Centos Iptables Manual associate that we provide here and check out the link.

You could purchase lead Centos Iptables Manual or acquire it as soon as feasible. You could quickly download this Centos Iptables Manual after getting deal. So, later than you require the books swiftly, you can straight get it. Its hence completely easy and in view of that fats, isnt it? You have to favor to in this song

KEY=CENTOS - RICHARD LI

LINUX IPTABLES POCKET REFERENCE

FIREWALLS, NAT & ACCOUNTING

"O'Reilly Media, Inc." Firewalls, Network Address Translation (NAT), network logging and accounting are all provided by Linux's Netfilter system, also known by the name of the command used to administer it, iptables. The iptables interface is the most sophisticated ever offered onLinux and makes Linux an extremely flexible system for any kind of network filtering you might do. Large sets of filtering rules can be grouped in ways that makes it easy to test them and turn them on and off.Do you watch for all types of ICMP traffic--some of them quite dangerous? Can you take advantage of stateful filtering to simplify the management of TCP connections? Would you like to track how much traffic of various types you get?This pocket reference will help you at those critical moments when someone asks you to open or close a port in a hurry, either to enable some important traffic or to block an attack. The book will keep the subtle syntax straight and help you remember all the values you have to enter in order to be as secure as possible. The book has an introductory section that describes applications,followed by a reference/encyclopaedic section with all the matches and targets arranged alphabetically.

FOUNDATIONS OF CENTOS LINUX

ENTERPRISE LINUX ON THE CHEAP

Apress 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

IBM CLOUDBURST ON SYSTEM X

IBM Redbooks This IBM® Redbooks® publication gives an overview of Cloud solutions, followed by detailed information and usage scenarios for IBM CloudBurst® in a System x® environment. Cloud computing can be defined as a style of computing in which dynamically scalable resources, such as CPU, storage, or bandwidth, are provided as a service over the Internet. Cloud computing represents a massively scalable, self-service delivery model where processing, storage, networking, and applications can be accessed as services over the Internet. Enterprises can adopt cloud models to improve employee productivity, deploy new products and services faster and reduce operating costs—starting with workloads, such as development and test, virtual desktop, collaboration, and analytics. IBM provides a scalable variety of cloud solutions to meet these needs. This IBM Redbooks publication helps you to tailor an IBM CloudBurst installation on System x to meet virtualized computing requirements in a private cloud environment. This book is intended for IT support personnel who are responsible for customizing IBM CloudBurst to meet business cloud computing objectives.

SECURITY STRATEGIES IN LINUX PLATFORMS AND APPLICATIONS

Jones & Bartlett Publishers PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! Security Strategies in Linux Platforms and Applications covers every major aspect of security on a Linux system. Written by an industry expert, this book is divided into three natural parts to illustrate key concepts in the field. It opens with a discussion on the risks, threats, and vulnerabilities associated with Linux as an operating system using examples from Red Hat Enterprise Linux and Ubuntu. Part 2 discusses how to take advantage of the layers of security available to Linux—user and group options, filesystems, and security options for important services, as well as the security modules associated with AppArmor and SELinux. The book closes with a look at the use of both open source and proprietary tools when building a layered security strategy for Linux operating system environments. Using real-world examples and exercises, this useful resource incorporates hands-on activities to walk students through the fundamentals of security strategies related to the Linux system.

CENTOS LINUX ADMINISTRATOR COMMANDS

MAN PAGES VOLUME TWO

CentOS Linux Administrator Commands Man Pages Volume Two Full man page documentation for the latest CentOS distribution. A set of five volumes with the Admin Commands. Complete command documentation. Full Command List For This Volume: IPMADDR IPRCONFIG IPRDBG IPRDUMP MODEMMANAGER NETWORKMANAGER PAM IP-ROUTE IP-RULE IP-TCP_METRICS IP-TOKEN IP-TUNNEL IP-XFRM IPRINIT IPRSOS IPRUPDATE IPSEC IPSEC_KEYCENSOR IPSEC_PLUTORUN IPSEC_SECRETCENSOR IPSEC_STACKMANAGER IPSECipsec_updown IPSEC_ADDCONN IPSEC_AUTO IPSEC_BARF IPSEC_EROUTE IPSEC_IKEPING IPSEC_KLIPSDEBUG LOOK IPSEC_RANBITS IPSEC_PF_KEY IPSEC_PLUTO IPSEC READWRITECONF IPSEC_RSASIGKEY IPSEC_SECRETS SETUP IPSEC_SHOWHOSTKEY IPSEC_SPI IPSEC_SPIGRP IPSEC_TNCFG IPSEC_VERIFY IPSEC_PLUTO iptables-extensions IPTABLES-RESTORE IPTABLES-SAVE IPTABLES IPTUNNEL ISCSI_INAME ISCSIADM ISCSID ISCSISTART iscsiuio ISOSIZE IW KBDRATE KDUMP KDUMPCTL KERNEL-INSTALL kexec KEYDNS_RESOLVER KILLALL KMOD KPARTX LASTLOG LDSO LDATTACH LDCONFIG ledctl ledmon NSS-MYHOSTNAME NSS-MYMACHINES LIBVIRTD SETARCH lldpad lldptool lldptool-dcbx SMTP LNSTAT LOAD_POLICY LOADUNIMAP LOCAL LOCKDEV LOGROTATE LOGSAVE LOSETUP lpadmin lpc lpinfo lpmove LSBLK LSLOCKS LSMOD LSOF lspci lsscsi lsusb LVCHANGE LVCONVERT LVCREATE LVDISPLAY LVEXTEND LVMCONFIG LVPOLL LVM LVM-ACTIVATION-GENERATOR LVMCHANGE LVMCONF LVMCONFIG LVMDISKSCAN LVMDUMP LVMETAD LVMPOLLD LVMSADC LVMSAR LVREDUCE LVREMOVE LVRENAME LVRESIZE LVS LVSCAN MAKEDELTARPM MAKEDUMPFILE MANDB MAPSCRN MASTER matchpathcon MDADM MDMON MII-DIAG MII-TOOL MISSION-CONTROL- MKFSFAT MKDUMRD MKEFS MKFSBTRFS mkfscramfs MKEFS MKEFS MKFS MKFSMINIX MKFSFAT MKFSFAT mkfsxfs MKHOMEDIR_HELPER MKINITRD MKSWAP mmcli MODINFO MODPROBE MOUNTCIFS fuse GlusterFS MOUNT MOUNTNFS rpcmountd mountstats MPATHCONF MPATHPERSIST MTR MULTIPATH MULTIPATHD NAMEIF ndptool NET

PRO LINUX SYSTEM ADMINISTRATION

LEARN TO BUILD SYSTEMS FOR YOUR BUSINESS USING FREE AND OPEN SOURCE SOFTWARE

Apress 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.

COMPTIA LINUX+ STUDY GUIDE WITH ONLINE LABS

EXAM XK0-004

John Wiley & Sons Virtual, hands-on learning labs allow you to apply your technical skills using live hardware and software hosted in the cloud. So Sybex has bundled CompTIA Linux+ labs from Practice Labs, the IT Competency Hub, with our popular CompTIA Linux+ Study Guide, Fourth Edition. Working in these labs gives you the same experience you need to prepare for the CompTIA Linux+ Exam XK0-004 that you would face in a real-life setting. Used in addition to the book, the labs are a proven way to prepare for the certification and for work in the IT and cybersecurity fields where Linux is fundamental to modern systems and security. This is your one-stop resource for complete coverage of Exam XK0-004, covering 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to superior content including, assessment tests that check exam readiness, objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and challenging chapter review questions. Linux is viewed by many organizations and companies as an excellent, low-cost, secure alternative to expensive OSs, such as Microsoft Windows and is crucial to today's server and cloud infrastructure. The CompTIA Linux+ exam tests a candidate's understanding and familiarity with the Linux. As the Linux server market share continues to grow, so too does demand for qualified and certified Linux administrators. Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the NEW Linux+ Exam XK0-004 objectives. The book contains clear and concise information on all Linux administration topic, and includes practical examples and insights drawn from real-world experience. Hardware and System Configuration Systems Operation and Maintenance Security Linux Troubleshooting and Diagnostics Automation and Scripting You’ll also have access to an online test bank, including a bonus practice exam, electronic flashcards, and a searchable PDF of key terms. And with this edition you also get Practice Labs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to Practice Labs CompTIA Linux+ Exam Exam XK0-004 Labs with 65 unique lab modules to practice your skills.

FEDORA LINUX TOOLBOX

1000+ COMMANDS FOR FEDORA, CENTOS AND RED HAT POWER USERS

John Wiley & Sons In this handy, compact guide, you’ll explore a ton of powerful Fedora Linux commands while you learn to use Fedora Linux as the experts do: from the command line. Try out more than 1,000 commands to find and get software, monitor system health and security, and access network resources. Then, apply the skills you learn from this book to use and administer desktops and servers running Fedora, CentOS, Red Hat Enterprise Linux, or any other Linux distribution.

LINUX NETWORKING COOKBOOK

FROM ASTERISK TO ZEBRA WITH EASY-TO-USE RECIPES

"O'Reilly Media, Inc." 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 Web for answers, Linux Networking Cookbook gives you exactly what you need.

LINUX NETWORK ADMINISTRATOR'S GUIDE

"O'Reilly Media, Inc." This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration).

MASTERING LINUX SECURITY AND HARDENING

PROTECT YOUR LINUX SYSTEMS FROM INTRUDERS, MALWARE ATTACKS, AND OTHER CYBER THREATS, 2ND EDITION

Packt Publishing Ltd A comprehensive guide to securing your Linux system against cyberattacks and intruders Key FeaturesDeliver a system that reduces the risk of being hackedExplore a variety of advanced Linux security techniques with the help of hands-on labsMaster the art of securing a Linux environment with this end-to-end practical guideBook 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 learnCreate locked-down user accounts with strong passwordsConfigure firewalls with iptables, UFW, nftables, and firewalldProtect your data with different encryption technologiesHarden the secure shell service to prevent security break-insUse mandatory access control to protect against system exploitsHarden kernel parameters and set up a kernel-level auditing systemApply OpenSCAP security profiles and set up intrusion detectionConfigure securely the GRUB 2 bootloader and BIOS/UEFIWho 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.

CENTOS 6 LINUX SERVER COOKBOOK

Packt Publishing Ltd 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

BEGINNING ELASTIC STACK

Apress 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.

RED HAT ENTERPRISE LINUX RHEL 7 SERVER INSTALLATION AND ADMINISTRATION

TRAINING MANUAL: COVERING CENTOS-7 SERVER, FEDORA 23 SERVER, MANDRIVA ENTERPRISE SERVER, OPENSUSE 13.2, OPEN MONOGRAPH PRESS, & ASTARO FIREWALL

Createspace Independent Publishing Platform Training Manual: Covering CentOS-7 Server, Fedora 23 Server, Mandriva Enterprise Server, OpenSUSE 13.2, Open Monograph Press, & Astaro Firewall. An excellent training manual for Linux network & system administrators, and infrastructure designers and developers.

CENTOS 6で作るネットワークサーバ構築ガイド

秀和システム CentOSサーバの導入と管理に必携のガイド。アップグレードした最新のCentOSに対応。CentOS 6.0 x86_64版インストールDVD付き。

CENTOS HIGH PERFORMANCE

Packt Publishing Ltd Create high availability clusters to enhance system performance using CentOS 7 About This Book Master the concepts of high performance and high availability to eliminate performance bottlenecks Maximize the uptime of services running in a CentOS 7 cluster A step-by-step guide that will provide knowledge of methods and approaches to optimize the performance of CentOS clusters Who This Book Is For This book is targeted at system administrators: those who want a detailed, step-by-step guide to learn how to set up a high-availability CentOS 7 cluster, and those who are looking for a reference book to help them learn or refresh the necessary skills to ensure their systems and respective resources are utilized optimally. No previous knowledge of high-availability systems is needed, though the reader is expected to have at least some degree of familiarity with any spin-off of the Fedora family of Linux distributions, preferably CentOS. What You Will Learn Install a CentOS 7 cluster and network infrastructure Configure firewall, networking, and clustering services and settings Set up and test a HAC (high-availability cluster) to host an Apache web server and a MariaDB database server Monitor performance and availability Identify bottlenecks and troubleshoot issues Improve performance and ensure high availability In Detail CentOS is the enterprise level Linux OS, which is 100% binary compatible to Red Hat Enterprise Linux (RHEL). It acts as a free alternative to RedHat's commercial Linux offering, with only a change in the branding. A high performance cluster consists in a group of computers that work together as one set parallel, hence minimizing or eliminating the downtime of critical services and enhancing the performance of the application. Starting with the basic principles of clustering, you will learn the necessary steps to install a cluster with two CentOS 7 servers. We will then set up and configure the basic required network infrastructure and clustering services. Further, you will learn how to take a proactive approach to the split-brain issue by configuring the failover and fencing of the cluster as a whole and the quorum of each node individually. Further, we will be setting up HAC and HPC clusters as a web server and a database server. You will also master the art of monitoring performance and availability, identifying bottlenecks, and exploring troubleshooting techniques. At the end of the book, you'll review performance-tuning techniques for the recently installed cluster, test performance using a payload simulation, and learn the necessary skills to ensure that the systems, and the corresponding resources and services, are being utilized to their best capacity. Style and approach An easy-to-follow and step-by-step guide with hands-on instructions to set up real-world simple cluster scenarios that will start you on the path to building more complex applications on your own.

ADVANCED FEATURES OF IPTABLES FIREWALL

LINUX SERVICES. AL3-019

NOITE S.C. First block everything, then let all you want through. The micro-course presents advanced network firewall mechanisms managed by the iptables command. The information contained enables creating a firewall beginning with basic procedures, using standard rules of blocking and finishing with stateful procedures and logging information. Keywords: iptables, rcSuSEfirewall2, conntrack

ADDITIONAL EXTENSIONS FOR IPTABLES MECHANISM

LINUX EXPERT. AL4-052

NOITE S.C. You cannot find what you need in iptables – easy, you can always add it in other ways. The micro-course describes additional extensions for the Iptables mechanism realized by the Xtables and patch-o-matic add-ons. Keywords: iptables, Xtables, patch-o-matic Additional extensions for iptables The Xtables addons Installation with dkms Installing Xtables-addons packege from source files Older patch-o-matic mechanism Compiling patch-o-matic modules Installation

THE TRANSLATION OF IP ADDRESSES WITH IPTABLES

LINUX SERVICES. AL3-018

NOITE S.C. You can have one public address and all computers from your local network will be able to communicate with the Internet. The micro-course presents the way of creating the mechanism of IP address translation with the iptables program. There is basic information about the work of this mechanism. Keywords: iptables, nat, pat, SNAT, DNAT

USING ADDITIONAL FIREWALL MODULES – ADDITIONAL IPTABLES TARGETS

LINUX EXPERT. AL4-051

NOITE S.C. What should I do with this packet? Targets determine what will be done with a given packet. The default targets are ACCEPT and DROP of the packet. However, the creators of the firewall decided to extend the list of acceptable targets which can also be created by the user. The micro-course describes additional targets of iptables rules. Keywords: iptables, MASQUERADE, BALANCE, NETMAP, SAME, CONNMARK, TCPMESS, IPV4OPTSSTRIP Using additional firewall modules – additional iptablestargets Rejecting a packet Translation of addresses Translation for dynamic interfaces Exchanging address classes Redirecting traffic Translation to the same address Logging The LOG target The ULOG target The NFLOG target The ulogd server Classifying a packet Additional targets Bouncing a packet Overwriting the routing routes Protecting data with a password

10日でおぼえるLINUXサーバー入門教室 CENTOS対応

翔泳社 Webプログラマ必読! Linuxサーバーの知識と技術がこれ1冊でわかる.本書は、Linuxを使ったWeb／ファイルサーバーの構築・管理のノウハウをイチから学べる入門書です。Linuxのインストールや基本操作から、ネットワーク接続、Webサーバーの管理、PHPを実装したサイト公開の手順まで、Webプログラマやサーバーエンジニアが必ず身につけておきたいサーバー構築・管理の知識を、しっかりと習得できます。また、すでに数多くのホスティングに使用されているLinuxディストリビューション「CentOS」に対応していますので、習得したノウハウをすぐに現場で活用できます。Linux初心者待望の1冊です。

CYBERSECURITY

A PRACTICAL ENGINEERING APPROACH

CRC Press Cybersecurity: A Practical Engineering Approach introduces the implementation of a secure cyber architecture, beginning with the identification of security risks. It then builds solutions to mitigate risks by considering the technological justification of the solutions as well as their efficiency. The process follows an engineering process model. Each module builds on a subset of the risks, discussing the knowledge necessary to approach a solution, followed by the security control architecture design and the implementation. The modular approach allows students to focus on more manageable problems, making the learning process simpler and more attractive.

COMPTIA LINUX+ STUDY GUIDE

EXAM XK0-004

John Wiley & Sons The bestselling study guide completely updated for the NEW CompTIA Linux+ Exam XK0-004 This is your one-stop resource for complete coverage of Exam XK0-004, covering 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to superior content including, assessment tests that check exam readiness, objective map, real-world scenarios, hands-on exercises, key topic exam essentials, and challenging chapter review questions. Linux is a UNIX-based operating system originally created by Linus Torvalds with the help of developers around the world. Developed under the GNU General Public License, the source code is free. Because of this Linux is viewed by many organizations and companies as an excellent, low-cost, secure alternative to expensive OSs, such as Microsoft Windows. The CompTIA Linux+ exam tests a candidate's understanding and familiarity with the Linux Kernel. As the Linux server market share continues to grow, so too does demand for qualified and certified Linux administrators. Building on the popular Sybex Study Guide approach, this book will provide 100% coverage of the NEW Linux+ Exam XK0-004 objectives. The book contains clear and concise information on all Linux administration topic, and includes practical examples and insights drawn from real-world experience. Hardware and System Configuration Systems Operation and Maintenance Security Linux Troubleshooting and Diagnostics Automation and Scripting You'll also have access to an online test bank, including a bonus practice exam, electronic flashcards, and a searchable PDF of key terms.

FEDORA LINUX TOOLBOX

1000+ COMMANDS FOR FEDORA, CENTOS AND RED HAT POWER USERS

LibreDigital * This compact book is the perfect solution for the hobbyist or the professional who is familiar with Linux-and maybe more likely to use binary installs rather than compiling from source code-but wants to get quickly up to speed, solve problems, and perfo.

LPIC-2 CERT GUIDE

(201-400 AND 202-400 EXAMS)

Pearson IT Certification 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

CENTOS BIBLE

John Wiley & Sons Authoritative guide to a rapidly growing Linux distribution This is one of the first, if not the first comprehensive guide to the CentOS Linux operating system. Linux guru Tim Bornocyzyk, thoroughly covers the topic whether you're a Linux novice or a regular who now wants to master this increasingly popular distribution. First find out how to install and configure CentOS. From there, you'll cover a wealth of Linux and CentOS tools, functions, and techniques, including: how to work in the GNOME and KDE desktop environments; how to use the Linux shell, file system, and text editor; how to configure CUPS printers, Samba for file and printer sharing and other features using GUI tools; and more. CentOS (Community ENTerprise Operating System) is a Linux operating system maintained by a small team of core developers based on Red Hat Enterprise Linux (RHEL) Lead author Christopher Negus is the bestselling Linux author of such books as Fedora 10 and Red Hat Enterprise Linux Bible and Linux 2009 Edition Bible; he is also a member of the Red Hat Enterprise Linux training team Tech edited by key member of the CentOS development team, Ralph Angenendt, and foreword written by lead CentOS developer, Karanbir Singh. Learn how to set up users, automate system tasks, back up and restore files, and prepare for the latest security issues and threats; also learn how to use and customize the desktop menus, icons, window manager, and xterm; and how to create and publish formatted documents Explores available Linux multimedia applications for graphics, audio, video and CD burning The DVD includes complete copy of the most current CentOS Distribution – CentOS 5.3 For getting the most out of CentOS Linux, this is the book you need to succeed. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

PRACTICAL NODE.JS

BUILDING REAL-WORLD SCALABLE WEB APPS

Apress Practical Node.js is your step-by-step guide to learning how to build a wide range of scalable real-world web applications using a professional development toolkit. Node.js is an innovative and highly efficient platform for creating web services. But Node.js doesn't live in a vacuum! In a modern web development, many different components need to be put together — routing, database driver, ORM, session management, OAuth, HTML template engine, CSS compiler and many more. If you already know the basics of Node.js, now is the time to discover how to bring it to production level by leveraging its vast ecosystem of packages. As a web developer, you'll work with a varied collection of standards and frameworks - Practical Node.js shows you how all those pieces fit together. Practical Node.js takes you from installing all the necessary modules to writing full-stack web applications by harnessing the power of the Express.js and Hapi frameworks, the MongoDB database with Mongoskin and Mongoose, Jade and Handlebars template engines, Stylus and LESS CSS languages, OAuth and Everyauth libraries, and the Socket.IO and Derby libraries, and everything in between. The book also covers how to deploy to Heroku and AWS, daemonize apps, and write REST APIs. You'll build full-stack real-world Node.js apps from scratch, and also discover how to write your own Node.js modules and publish them on NPM. You already know what Node.js is; now learn what you can do with it and how far you can take it!

LINUX FIREWALLS

ATTACK DETECTION AND RESPONSE

No Starch Press System administrators need to stay ahead of new security vulnerabilities that leave their networks exposed every day. A firewall and an intrusion detection systems (IDS) are two important weapons in that fight, enabling you to proactively deny access and monitor network traffic for signs of an attack. Linux Firewalls discusses the technical details of the iptables firewall and the Netfilter framework that are built into the Linux kernel, and it explains how they provide strong filtering, Network Address Translation (NAT), state tracking, and application layer inspection capabilities that rival many commercial tools. You'll learn how to deploy iptables as an IDS with psad and fwsnort and how to build a strong, passive authentication layer around iptables with fwknop. Concrete examples illustrate concepts such as firewall log analysis and policies, passive network authentication and authorization, exploit packet traces, Snort ruleset emulation, and more with coverage of these topics: –Passive network authentication and OS fingerprinting –iptables log analysis and policies –Application layer attack detection with the iptables string match extension –Building an iptables ruleset that emulates a Snort ruleset –Port knocking vs. Single Packet Authorization (SPA) –Tools for visualizing iptables logs Perl and C code snippets offer practical examples that will help you to maximize your deployment of Linux firewalls. If you're responsible for keeping a network secure, you'll find Linux Firewalls invaluable in your attempt to understand attacks and use iptables—along with psad and fwsnort—to detect and even prevent compromises.

SHOREWALL

LINUX EXPERT. AL4-056

NOITE S.C. Shorewall, if you do not want to struggle with iptables. The micro-course describes creation of a firewall with Shorewall scripts. Keywords: firewall, shorewall Shorewall Installation Commands of Shorewall system The shorewall-lite program Starting and stopping of firewall Configuration Files The basic configuration of the global options Zone declaration file Policy declaration file The rules file

LINUX FIREWALLS

ENHANCING SECURITY WITH NFTABLES AND BEYOND

Addison-Wesley Professional The Definitive Guide to Building Firewalls with Linux As the security challenges facing Linux system and network administrators have grown, the security tools and techniques available to them have improved dramatically. In Linux® Firewalls, Fourth Edition, long-time Linux security expert Steve Suehring has revamped his definitive Linux firewall guide to cover the important advances in Linux security. An indispensable working resource for every Linux administrator concerned with security, this guide presents comprehensive coverage of both iptables and nftables. Building on the solid networking and firewalling foundation in previous editions, it also adds coverage of modern tools and techniques for detecting exploits and intrusions, and much more. Distribution neutral throughout, this edition is fully updated for today’s Linux kernels, and includes current code examples and support scripts for Red Hat/Fedora, Ubuntu, and Debian implementations. If you’re a Linux professional, it will help you establish an understanding of security for any Linux system, and for networks of all sizes, from home to enterprise. Inside, you’ll find just what you need to Install, configure, and update a Linux firewall running either iptables or nftables Migrate to nftables, or take advantage of the latest iptables enhancements Manage complex multiple firewall configurations Create, debug, and optimize firewall rules Use Samhain and other tools to protect filesystem integrity, monitor networks, and detect intrusions Harden systems against port scanning and other attacks Uncover exploits such as rootkits and backdoors with chkrootkit

THE DEFINITIVE GUIDE TO CENTOS

Apress 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

CENTOS 7 LINUX SERVER COOKBOOK

Packt Publishing Ltd 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 SERVER DEPLOYMENT COOKBOOK

Packt Publishing Ltd 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.

RED HAT ENTERPRISE LINUX (RHEL) 7 SERVER INSTALLATION AND ADMINISTRATION

TRAINING MANUAL: COVERING CENTOS-7 SERVER, CLOUD COMPUTING, BIND9 DNS SERVER AND FEDORA 23 SERVER

Createspace Independent Publishing Platform Training Manual: Covering CentOS-7 server installation & administration, Cloud Computing with ownCloud and Seafile cloud storage, Bind9 DNS server installation & administration, Fedora 23 server installation & administration, Virtualization technology and Astaro firewall network security. An excellent training manual for Linux network & system administrators, and infrastructure designers and developers.

IPTABLES TUTORIAL 1.2.2

Lulu.com

LINUX

THE TEXTBOOK, SECOND EDITION

CRC Press Choosen by BookAuthority as one of BookAuthority's Best Linux Mint Books of All Time Linux: The Textbook, Second Edition provides comprehensive coverage of the contemporary use of the Linux operating system for every level of student or practitioner, from beginners to advanced users. The text clearly illustrates system-specific commands and features using Debian-family Debian, Ubuntu, and Linux Mint, and RHEL-family CentOS, and stresses universal commands and features that are critical to all Linux distributions. The second edition of the book includes extensive updates and new chapters on system administration for desktop, stand-alone PCs, and server-class computers; API for system programming, including thread programming with pthreads; virtualization methodologies; and an extensive tutorial on systemd service management. Brand new online content on the CRC Press website includes an instructor's workbook, test bank, and In-Chapter exercise solutions, as well as full downloadable chapters on Python Version 3.5 programming, ZFS, TC shell programming, advanced system programming, and more. An author-hosted GitHub website also features updates, further references, and errata. Features New or updated coverage of file system, sorting, regular expressions, directory and file searching, file compression and encryption, shell scripting, system programming, client-server–based network programming, thread programming with pthreads, and system administration Extensive in-text pedagogy, including chapter objectives, student projects, and basic and advanced student exercises for every chapter Expansive electronic downloads offer advanced content on Python, ZFS, TC shell scripting, advanced system programming, internetworking with Linux TCP/IP, and many more topics, all featured on the CRC Press website Downloadable test bank, workbook, and solutions available for instructors on the CRC Press website Author-maintained GitHub repository provides other resources, such as live links to further references, updates, and errata

LINUX ADVANCED ROUTING AND TRAFFIC CONTROL HOWTO

Summary This classic howto was written in 2002, but it is still a must-read howto for any Linux networking professionals today. Many practical examples are included in the book.It is a very hands−on approach to iproute2, traffic shaping, policy routing and a bit of netfilter.This is a book you should have on your bookshelf. Table of Contents Dedication Introduction Introduction to iproute2 Rules-routing policy database GRE and other tunnles IPv6 tunning with Cisco and/or 6bone IPSec:secure IP over the internet Multicast routing Queueing Disciplines for Bandwdith Management Load sharing over multiple interfaces Netfilter & iproute - marking packets Advanced filters for (re-)classifying packets Kernel network parameters Advanced &less common queueing disciplines Cookbook Building bridges, and pseudo-bridges with Proxy ARP Dynamic routing - OSPF and BGP Other possibilities Further reading Acknowledgements

CYBER OPERATIONS

BUILDING, DEFENDING, AND ATTACKING MODERN COMPUTER NETWORKS

Apress Know how to set up, defend, and attack computer networks with this revised and expanded second edition. You will learn to configure your network from the ground up, beginning with developing your own private virtual test environment, then setting up your own DNS server and AD infrastructure. You will continue with more advanced network services, web servers, and database servers and you will end by building your own web applications servers, including WordPress and Joomla!. Systems from 2011 through 2017 are covered, including Windows 7, Windows 8, Windows 10, Windows Server 2012, and Windows Server 2016 as well as a range of Linux distributions, including Ubuntu, CentOS, Mint, and OpenSUSE. Key defensive techniques are integrated throughout and you will develop situational awareness of your network and build a complete defensive infrastructure, including log servers, network firewalls, web application firewalls, and intrusion detection systems. Of course, you cannot truly understand how to defend a network if you do not know how to attack it, so you will attack your test systems in a variety of ways. You will learn about Metasploit, browser attacks, privilege escalation, pass-the-hash attacks, malware, man-in-the-middle attacks, database attacks, and web application attacks. What You'll Learn Construct a testing laboratory to experiment with software and attack techniquesBuild realistic networks that include active directory, file servers, databases, web servers, and web applications such as WordPress and Joomla!Manage networks remotely with tools, including PowerShell, WMI, and WinRMUse offensive tools such as Metasploit, Mimikatz, Veil, Burp Suite, and John the RipperExploit networks starting from malware and initial intrusion to privilege escalation through password cracking and persistence mechanismsDefend networks by developing operational awareness using auditd and Sysmon to analyze logs, and deploying defensive tools such as the Snort intrusion detection system, IPFire firewalls, and ModSecurity web application firewalls Who This Book Is For This study guide is intended for everyone involved in or interested in cybersecurity operations (e.g., cybersecurity professionals, IT professionals, business professionals, and students)

OPENSHIFT IN ACTION

Simon and Schuster Summary OpenShift in Action is a full reference to Red Hat OpenShift that breaks down this robust container platform so you can use it day-to-day. Combining Docker and Kubernetes, OpenShift is a powerful platform for cluster management, scaling, and upgrading your enterprise apps. It doesn't matter why you use OpenShift—by the end of this book you'll be able to handle every aspect of it, inside and out! Foreword by Jim Whitehurst, Red Hat. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Containers let you package everything into one neat place, and with Red Hat OpenShift you can build, deploy, and run those packages all in one place! Combining Docker and Kubernetes, OpenShift is a powerful platform for cluster management, scaling, and upgrading your enterprise apps. About the Book OpenShift in Action is a full reference to Red Hat OpenShift that breaks down this robust container platform so you can use it day-to-day. Starting with how to deploy and run your first application, you'll go deep into OpenShift. You'll discover crystal-clear explanations of namespaces, cgroups, and SELinux, learn to prepare a cluster, and even tackle advanced details like software-defined networks and security, with real-world examples you can take to your own work. It doesn't matter why you use OpenShift—by the end of this book you'll be able to handle every aspect of it, inside and out! What's Inside Written by lead OpenShift architects Rock-solid fundamentals of Docker and Kubernetes Keep mission-critical applications up and running Manage persistent storage About the Reader For DevOps engineers and administrators working in a Linux-based distributed environment. About the Authors Jamie Duncan is a cloud solutions architect for Red Hat, focusing on large-scale OpenShift deployments. John Osborne is a principal OpenShift architect for Red Hat. Table of Contents PART 1 - FUNDAMENTALS Getting to know OpenShift Getting started Containers are Linux PART 2 - CLOUD-NATIVE APPLICATIONS Working with services Autoscaling with metrics Continuous integration and continuous deployment PART 3 - STATEFUL APPLICATIONS Creating and managing persistent storage Stateful applications PART 4 - OPERATIONS AND SECURITY Authentication and resource access Networking Security

はじめてのCENTOS6 LINUXサーバ構築編

秀和システムネットワーク・サーバ・Linuxの知識。GUI/CUIでの操作方法、セキュリティ。LANで使えるサーバ(DHCP、Windowsファイルサーバ)の構築法。インターネットで使えるサーバ(DNS、メール、Web、FTP)の構築法。トラブル対処とサーバの管理。定番Linux「CentOS6」最新版によるサーバ構築・管理・運用入門の決定版。