

The Linux System Administrator

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 The Linux System Administrator's Guide
 RHCSA Red Hat Certified System Administrator
 Linux in Action
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 UNIX and Linux System Administration Handbook
 The Linux System Administrator's Guide
 Linux System Administrator'S Survival Guide
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 Linux for System Administrators
 Linux System Administrator Critical Questions Skills Assessment
 Python for Unix and Linux System Administration
 Linux Administrator Street Smarts
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 The Practice of System and Network Administration

The Linux System Administrator

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Red Hat Linux System Administration Unleashed Packt Publishing Ltd
 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.

Mastering Linux Administration Packt Publishing Ltd
 Learn Linux Administration and Supercharge Your Career! If you're looking to make the jump from being a Linux user to being a Linux administrator, this book is for you! If you're in windows administration and want to learn the ins and outs of Linux administration, start here. This book is also great for Unix administrators switching to Linux administration. Here is what you will learn by reading this Linux System Administration book: How the boot process works on Linux servers and what you can do to control it. The various types of messages generated by a Linux system, where they're stored, and how to automatically prevent them from filling up your disks. Disk management, partitioning, and file system creation. Managing Linux users and groups. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. Networking concepts that apply to system administration and specifically how to configure Linux network interfaces. How to use the nano, vi, and emacs editors. How to schedule and automate jobs using cron. How to switch users and run processes as others. How to configure sudo. How to find and install software. Managing process and jobs. How to make the most out of the Linux command line. Several Linux commands you'll need to know Linux shell scripting What you learn in book applies to any Linux system including Ubuntu Linux, Debian, Linux Mint, RedHat Linux, CentOS, Fedora, SUSE Linux, Arch Linux, Kali Linux and more. Real Advice from a Real, Professional Linux Administrator Jason Cannon is the author of Linux for Beginners, the founder of the Linux Training Academy, and an instructor to over 40,000 satisfied students. He started his IT career in the late 1990's as a Unix and Linux System Engineer and he'll be sharing his real-world Linux experience with you throughout this book. By the end of this book you will fully understand the most important and fundamental concepts of Linux server administration. More importantly, you will be able to put those concepts to use in practical real-world situations. You'll be able to configure, maintain, and support a variety of Linux systems. You can even use the skills you learned to become a Linux System Engineer or Linux System Administrator.

Linux Administration for Dummies "O'Reilly Media, Inc."

Now covers Red Hat Linux! Written by Evi Nemeth, Garth Snyder, Scott Seebass, and Trent R. Hein with Adam Boggs, Rob Braun, Ned McClain, Dan Crawl, Lynda McGinley, and Todd Miller "This is not

a nice, neat book for a nice, clean world. It's a nasty book for a nasty world. This is a book for the rest of us." -Eric Allman and Marshall Kirk McKusick "I am pleased to welcome Linux to the UNIX System Administration Handbook!" -Linus Torvalds, Transmeta "This book is most welcome!" -Dennis Ritchie, AT&T Bell Laboratories This new edition of the world's most comprehensive guide to UNIX system administration is an ideal tutorial for those new to administration and an invaluable reference for experienced professionals. The third edition has been expanded to include "direct from the frontlines" coverage of Red Hat Linux. UNIX System Administration Handbook describes every aspect of system administration-from basic topics to UNIX esoterica-and provides explicit coverage of four popular UNIX systems: This book stresses a practical approach to system administration. It's packed with war stories and pragmatic advice, not just theory and watered-down restatements of the manuals. Difficult subjects such as sendmail, kernel building, and DNS configuration are tackled head-on. Examples are provided for all four versions of UNIX and are drawn from real-life systems-warts and all. "This book is where I turn first when I have system administration questions. It is truly a wonderful resource and always within reach of my terminal." -W. Richard Stevens, author of numerous books on UNIX and TCP/IP "This is a comprehensive guide to the care and feeding of UNIX systems. The authors present the facts along with seasoned advice and numerous real-world examples. Their perspective on the variations among systems is valuable for anyone who runs a heterogeneous computing facility." -Pat Parseghian, Transmeta "We noticed your book on the staff recommendations shelf at our local bookstore: 'Very clear, a masterful interpretation of the subject.' We were most impressed, until we noticed that the same staff member had also recommended Aunt Bea's Mayberry Cookbook." -Shannon Bloomstran, history teacher

Linux System Administration Prentice Hall
 Develop advanced skills for working with Linux systems on-premises and in the cloud Key Features Become proficient in everyday Linux administration tasks by mastering the Linux command line and using automation Work with the Linux filesystem, packages, users, processes, and daemons Deploy Linux to the cloud with AWS, Azure, and Kubernetes Book Description Linux plays a significant role in modern data center management and provides great versatility in deploying and managing your workloads on-premises and in the cloud. This book covers the important topics you need to know about for your everyday Linux administration tasks. The book starts by helping you understand the Linux command line and how to work with files, packages, and filesystems. You'll then begin administering network services and hardening security, and learn about cloud computing, containers, and orchestration. Once you've learned how to work with the command line, you'll explore the essential Linux commands for managing users, processes, and daemons and discover how to secure your Linux environment using application security frameworks and firewall managers. As you advance through the chapters, you'll work with containers, hypervisors, virtual machines, Ansible, and Kubernetes. You'll also learn how to deploy Linux to the cloud using AWS and Azure. By the end of this Linux book, you'll be well-versed with Linux and have mastered everyday administrative tasks using workflows spanning from on-premises to the cloud. If you also find yourself adopting DevOps practices in the process, we'll consider our mission accomplished. What you will learn Understand how Linux works and learn basic to advanced Linux administration skills Explore the most widely used commands for managing the Linux filesystem, network, security, and more Get to grips with different networking and messaging protocols Find out how Linux security works and how to configure SELinux, AppArmor, and Linux iptables Work with virtual machines and containers and understand container orchestration with Kubernetes Work with containerized workflows using Docker and Kubernetes Automate your configuration management workloads with Ansible Who this book is for If you are a Linux administrator who wants to understand the fundamentals and as well as modern concepts of Linux system administration, this book is for you. Windows System Administrators looking to extend their knowledge to the Linux OS will also benefit

from this book.

Red Hat Linux System Administration Handbook Addison-Wesley Professional

A definitive guide to Linux system administration is written by a noted authority on the subject. Designed for system administrators at every level, this title includes "cheat sheets," quick reference guides, and numerous examples, starting with simpler ideas and working toward more complex topics.

Linux Cookbook John Wiley & Sons

"As an author, editor, and publisher, I never paid much attention to the competition—except in a few cases. This is one of those cases. The UNIX System Administration Handbook is one of the few books we ever measured ourselves against." —Tim O'Reilly, founder of O'Reilly Media "This edition is for those whose systems live in the cloud or in virtualized data centers; those whose administrative work largely takes the form of automation and configuration source code; those who collaborate closely with developers, network engineers, compliance officers, and all the other worker bees who inhabit the modern hive." —Paul Vixie, Internet Hall of Fame-recognized innovator and founder of ISC and Farsight Security "This book is fun and functional as a desktop reference. If you use UNIX and Linux systems, you need this book in your short-reach library. It covers a bit of the systems' history but doesn't bloviate. It's just straight-forward information delivered in a colorful and memorable fashion." —Jason A. Nunnelley UNIX® and Linux® System Administration Handbook, Fifth Edition, is today's definitive guide to installing, configuring, and maintaining any UNIX or Linux system, including systems that supply core Internet and cloud infrastructure. Updated for new distributions and cloud environments, this comprehensive guide covers best practices for every facet of system administration, including storage management, network design and administration, security, web hosting, automation, configuration management, performance analysis, virtualization, DNS, security, and the management of IT service organizations. The authors—world-class, hands-on technologists—offer indispensable new coverage of cloud platforms, the DevOps philosophy, continuous deployment, containerization, monitoring, and many other essential topics. Whatever your role in running systems and networks built on UNIX or Linux, this conversational, well-written guide will improve your efficiency and help solve your knottiest problems.

Unix System Administration Handbook Independently Published

A one-stop Linux administration guide to developing advanced strategies for on-premises and cloud environments Key Features Learn how to deploy Linux to the cloud with AWS and Azure Familiarize yourself with Docker and Ansible for automation and Kubernetes for container management Become proficient in everyday Linux administration tasks by mastering the Linux command line and automation techniques Purchase of the print or Kindle book includes a free PDF eBook Book Description Harness the power of Linux in modern data center management, leveraging its unparalleled versatility for efficiently managing your workloads in on-premises and cloud environments. In this second edition, you'll find updates on the latest advancements in Linux administration. Starting with Linux installation on on-premises systems, this book helps you master the Linux command line, files, packages, and filesystems. You'll explore essential Linux commands and techniques to secure your Linux environment. New to this edition is a chapter on shell scripting, providing structured guidance on using shell programming for basic Linux automation. This book also delves into the world of containers, with two new chapters dedicated to Docker containers and hypervisors, including KVM virtual machines. Once adept with Linux containers, you'll learn about modern cloud technologies, managing and provisioning container workloads using Kubernetes, and automating system tasks using Ansible. Finally, you'll get to grips with deploying Linux to the cloud using AWS and Azure-specific tools. By the end of this Linux book, you'll have mastered everyday administrative tasks, seamlessly navigating workflows spanning from on-premises to the cloud. What you will learn Discover how to create and use bash scripts to automate tasks Navigate containerized workflows efficiently using Docker and Kubernetes Deploy Linux to the cloud using AWS and Azure Automate your configuration management workloads with Ansible Find out how Linux security works and how to configure SELinux, AppArmor, and Linux iptables Work with virtual machines and containers and understand container orchestration with Kubernetes Explore the most widely used commands for managing the Linux filesystem, network, security, and more Who this book is for Whether you're a new or seasoned Linux administrator seeking to understand modern concepts of Linux system administration, this book is a valuable resource packed with new and updated Linux insights. Windows System Administrators looking to extend their knowledge to the Linux OS will also benefit from this book's latest edition. No prior knowledge is needed, all you need is a willingness to learn.

Linux Systems for Beginners Packt Publishing Ltd

Reveals and illustrates the awesome power and flexibility of the command line, and the design and usage philosophies that support those traits. This understanding of how to extract the most from the Linux command line can help you become a better SysAdmin. Understand why many things in the Linux and Unix worlds are done as they are, and how to apply the Linux Philosophy to working as a SysAdmin. The original Unix/Linux Philosophy presented foundational and functional tenets - rules, guidelines, and procedural methods - that worked well. However, it was intended for the developers of those operating systems. Although System Administrators could apply many of the tenets to their daily work, many important tenets were missing. Over the years that David Both has been working with Linux and Unix, he has formulated his own philosophy - one which applies more directly to the everyday life of the System Administrator. This book defines a philosophy, and then illuminates the practical aspects of that philosophy with real-world experiments you can perform. Inspired by David's real mentors, and dedicated to them, The Linux Philosophy for System Administrators is a mentor to SysAdmins everywhere; remember - "If you fail you learn." What You Will Learn Apply the Linux philosophy to working as a SysAdmin Unlock the power of the knowledge you already have Fully understand and access the vast power of the command line Review the power of Linux as a function of the philosophies that built it Who This Book Is For If you want to learn the secrets that make the best Linux SysAdmins powerful far beyond that of mere mortals; if you want to understand the concepts that unlock those secrets; if you want to be the SysAdmin that everyone else turns to when the bytes hit the fan - then this book is for you.

Essential System Administration Paraglyph Press

Unlock the power of Linux with this quick-start guide to leveling up your admin skills, packed with clear explanations and hands-on examples Key Features Explore Linux commands for mounting, file manipulation, and running Linux on the cloud Learn commands for checking and configuring network card statistics, firewall rules, and interfaces Understand how to utilize SELinux in keeping systems adequately hardened and avoiding various security risks Purchase of the print or Kindle book includes a free PDF eBook Book Description The role of a system administrator is ever-evolving, with the Linux command line at its core. This makes Linux command-line mastery an essential skill to demonstrate your ability to efficiently manage and maintain systems efficiently. Essential Linux Commands addresses a diverse range of topics, including package management, file manipulation, networking strategies, system monitoring, and diagnostic tools. Each command is intricately explained to eliminate any ambiguity, ensuring ease of implementation in real-world scenarios. This book explains how to use SELinux to maintain security, run Linux machines on AWS Cloud, and transfer and download files to remote systems. With the help of practical examples and use cases,

you'll not only gain a thorough understanding of a command's syntax but also grasp its functional breadth and limitations. The book also explores commands frequently used by system administrators to check network card statistics and firewall rules. Whether you're a beginner or an experienced administrator, this book is an invaluable resource, filling in the gaps in your skill set and helping you improve your skills and expertise in Linux administration. What you will learn Execute commands to launch applications, control services, and change network settings Develop your skills to use commands for package management, file manipulation, and networking Get clear explanations and practical examples for each command Discover tips and techniques to use the Linux command line effectively Get to grips with troubleshooting common problems and fixing errors Master best practices to manage and maintain Linux systems Develop expertise in system performance, security, and Linux in the cloud Who this book is for This book is for system administrators, IT professionals, and students who want to enhance their knowledge of Linux administration and improve their skills in this field. Whether you're just starting out in system administration or have years of experience, this book is an invaluable resource for mastering the Linux command line and becoming a more proficient system administrator. Essential Linux Commands is also well-suited for individuals interested in expanding their Linux know-how and its applications in various industries and environments.

CentOS System Administration Essentials Apress

Gain an understanding of system administration that will remain applicable throughout your career and understand why tasks are done rather than how to do them Key Features Deploy, secure, and maintain your Linux system in the best possible way Discover best practices to implement core system administration tasks in Linux Explore real-world decisions, tasks, and solutions involved in Linux system administration Book Description Linux is a well-known, open source Unix-family operating system that is the most widely used OS today. Linux looks set for a bright future for decades to come, but system administration is rarely studied beyond learning rote tasks or following vendor guidelines. To truly excel at Linux administration, you need to understand how these systems work and learn to make strategic decisions regarding them. Linux Administration Best Practices helps you to explore best practices for efficiently administering Linux systems and servers. This Linux book covers a wide variety of topics from installation and deployment through to managing permissions, with each topic beginning with an overview of the key concepts followed by practical examples of best practices and solutions. You'll find out how to approach system administration, Linux, and IT in general, put technology into proper business context, and rethink your approach to technical decision making. Finally, the book concludes by helping you to understand best practices for troubleshooting Linux systems and servers that'll enable you to grow in your career as well as in any aspect of IT and business. By the end of this Linux administration book, you'll have gained the knowledge needed to take your Linux administration skills to the next level. What you will learn Find out how to conceptualize the system administrator role Understand the key values of risk assessment in administration Apply technical skills to the IT business context Discover best practices for working with Linux specific system technologies Understand the reasoning behind system administration best practices Develop out-of-the-box thinking for everything from reboots to backups to triage Prioritize, triage, and plan for disasters and recoveries Discover the psychology behind administration duties Who this book is for This book is for anyone looking to fully understand the role and practices of being a professional system administrator, as well as for system engineers, system administrators, and anyone in IT or management who wants to understand the administration career path. The book assumes a basic understanding of Linux, including the command line, and an understanding of how to research individual tasks. Basic working knowledge of Linux systems and servers is expected.

Linux Network Administrator's Guide Packt Publishing Ltd

This guide provides a solid background for Linux desktop users who want to move beyond the basics of Linux, and for experienced system administrators who are looking to gain more advanced skills.

Mastering Linux System Administration Packt Publishing Ltd

Summary Linux in Action is a task-based tutorial that will give you the skills and deep understanding you need to administer a Linux-based system. This hands-on book guides you through 12 real-world projects so you can practice as you learn. Each chapter ends with a review of best practices, new terms, and exercises. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology You can't learn anything without getting your hands dirty— including Linux. Skills like securing files, folders, and servers, safely installing patches and applications, and managing a network are required for any serious user, including developers, administrators, and DevOps professionals. With this hands-on tutorial, you'll roll up your sleeves and learn Linux project by project. About the Book Linux in Action guides you through 12 real-world projects, including automating a backup-and-restore system, setting up a private Dropbox-style file cloud, and building your own MediaWiki server. You'll try out interesting examples as you lock in core practices like virtualization, disaster recovery, security, backup, DevOps, and system troubleshooting. Each chapter ends with a review of best practices, new terms, and exercises. What's inside Setting up a safe Linux environment Managing secure remote connectivity Building a system recovery device Patching and upgrading your system About the Reader No prior Linux admin experience is required. About the Author David Clinton is a certified Linux Server Professional, seasoned instructor, and author of Manning's bestselling Learn Amazon Web Services in a Month of Lunches. Table of Contents Welcome to Linux Linux virtualization: Building a Linux working environment Remote connectivity: Safely accessing networked machines Archive management: Backing up or copying entire file systems Automated administration: Configuring automated offsite backups Emergency tools: Building a system recovery device Web servers: Building a MediaWiki server Networked file sharing: Building a Nextcloud file-sharing server Securing your web server Securing network connections: Creating a VPN or DMZ System monitoring: Working with log files Sharing data over a private network Troubleshooting system performance issues Troubleshooting network issues Troubleshooting peripheral devices DevOps tools: Deploying a scripted server environment using Ansible

Linux Administration Packt Publishing Ltd

"As this book shows, Linux systems are just as functional, secure, and reliable as their proprietary counterparts. Thanks to the ongoing efforts of thousands of Linux developers, Linux is more ready than ever for deployment at the frontlines of the real world. The authors of this book know that terrain well, and I am happy to leave you in their most capable hands." —Linus Torvalds "The most successful sysadmin book of all time—because it works!" —Rik Farrow, editor of /login: "This book clearly explains current technology with the perspective of decades of experience in large-scale system administration. Unique and highly recommended." —Jonathan Corbet, cofounder, LWN.net "Nemeth et al. is the overall winner for Linux administration: it's intelligent, full of insights, and looks at the implementation of concepts." —Peter Salus, editorial director, Matrix.net Since 2001, Linux Administration Handbook has been the definitive resource for every Linux® system administrator who must efficiently solve technical problems and maximize the reliability and performance of a production environment. Now, the authors have systematically updated this classic guide to address today's most important Linux distributions and most powerful new administrative tools. The authors spell out detailed best practices for every facet of system administration, including storage

management, network design and administration, web hosting, software configuration management, performance analysis, Windows interoperability, and much more. Sysadmins will especially appreciate the thorough and up-to-date discussions of such difficult topics such as DNS, LDAP, security, and the management of IT service organizations. Linux® Administration Handbook, Second Edition, reflects the current versions of these leading distributions: Red Hat® Enterprise Linux® Fedora™ Core SUSE® Linux Enterprise Debian® GNU/Linux Ubuntu® Linux Sharing their war stories and hard-won insights, the authors capture the behavior of Linux systems in the real world, not just in ideal environments. They explain complex tasks in detail and illustrate these tasks with examples drawn from their extensive hands-on experience.

Pro Linux System Administration Packt Publishing Ltd

With 28 new chapters, the third edition of *The Practice of System and Network Administration* innovates yet again! Revised with thousands of updates and clarifications based on reader feedback, this new edition also incorporates DevOps strategies even for non-DevOps environments. Whether you use Linux, Unix, or Windows, this new edition describes the essential practices previously handed down only from mentor to protégé. This wonderfully lucid, often funny cornucopia of information introduces beginners to advanced frameworks valuable for their entire career, yet is structured to help even experts through difficult projects. Other books tell you what commands to type. This book teaches you the cross-platform strategies that are timeless! DevOps techniques: Apply DevOps principles to enterprise IT infrastructure, even in environments without developers Game-changing strategies: New ways to deliver results faster with less stress Fleet management: A comprehensive guide to managing your fleet of desktops, laptops, servers and mobile devices Service management: How to design, launch, upgrade and migrate services Measurable improvement: Assess your operational effectiveness; a forty-page, pain-free assessment system you can start using today to raise the quality of all services Design guides: Best practices for networks, data centers, email, storage, monitoring, backups and more Management skills: Organization design, communication, negotiation, ethics, hiring and firing, and more Have you ever had any of these problems? Have you been surprised to discover your backup tapes are blank? Ever spent a year launching a new service only to be told the users hate it? Do you have more incoming support requests than you can handle? Do you spend more time fixing problems than building the next awesome thing? Have you suffered from a botched migration of thousands of users to a new service? Does your company rely on a computer that, if it died, can't be rebuilt? Is your network a fragile mess that breaks any time you try to improve it? Is there a periodic "hell month" that happens twice a year? Twelve times a year? Do you find out about problems when your users call you to complain? Does your corporate "Change Review Board" terrify you? Does each division of your company have their own broken way of doing things? Do you fear that automation will replace you, or break more than it fixes? Are you underpaid and overworked? No vague "management speak" or empty platitudes. This comprehensive guide provides real solutions that prevent these problems and more!

The Linux Philosophy for SysAdmins Prentice Hall Professional

The definitive guide to administering a Red Hat Enterprise Linux 6 network Linux professionals who need a go-to guide on version 6 of Red Hat Enterprise Linux (RHEL) will find what they need in this comprehensive Sybex book. It covers RHEL administration in detail, including how to set up and manage web and mail services, use RHEL in enterprise environments, secure it, optimize storage, configure for virtualization and high availability, and much more. It also provides a great study aid for those preparing for either the RHCSA or RHCE certification exam. Red Hat is the Linux market leader, and Red Hat administrators are in demand This Sybex guide is a comprehensive resource on Red Hat Enterprise Linux administration and useful for those preparing for one of the Red Hat certification exams Covers setting up and managing web and mail services, using RHEL in enterprise environments, securing RHEL, and optimizing storage to fit your environment Explores advanced RHEL configurations, including virtualization and high availability Red Hat Enterprise Linux 6 Administration is the guide Linux professionals and Red Hat administrators need to stay current on the newest version.

Linux Administration Handbook Jamie Murphy

Linux Systems Administration The truth is: Linux is a very important force in computing technology. It is the source of power in everything, be it mobile phones or personal computers or be it supercomputers or servers. The purpose of a system administrator is to manage the operations of this computer system. As most of the computing devices are powered by Linux, it is very much essential to learn it. If you are one of those interested to learn about Linux system administration, read on to get a comprehensive idea. A file system is the method of storing files on the hard disk.

Related with *The Linux System Administrator*:

- Brain Over Binge Recovery Guide : [click here](#)

Linux supports various kinds of file systems like the conventional disk file systems, special-purpose file systems and flash storage file systems. The Linux system stores the files according to a standard layout known as the file system hierarchy. Linux is a very simple operating system as it has a cheap hosting space and the database is open-source. Most people prefer the Linux servers for various web application and hosting purposes. As an open operating system, Linux is under constant development. Various organizations and companies are responsible for the development as well as the ongoing support. System administration has become a very important criterion to be satisfied for an organization in need of a strong IT infrastructure. Thus efficient Linux administrators are required everywhere. DOWNLOAD: Linux System Administration for Beginners, Linux System Administration Guide for Basic Configuration, Network and System Diagnostic Guide to Text Manipulation and Everything on Linux Operating System. Linux system administration is a very much in-demand IT skill. Thus it is very much essential to learn the skills. A system administrator must be efficient enough to manage various kinds of internet applications inclusive to DNS, Apache, RADIUS, MySQL, PHP etc. He should also be able to provide training and support to other server administrators of the organization. Reviewing all the error logs and fixing them are some other duties other than providing world-class customer support. The goal of the eBook is simple: It is a comprehensive guide for the beginners to learn everything about Linux system administration. You will also learn: What is Linux administration Learn the basic configuration, network and system diagnostic How text manipulation and everything on Linux operating system works Having knowledge of Linux is essential for system administration Solid fundamental and knowledge about Linux administration Well explain and step by step guide to follow to master yourself Getting information about internet server Would you like to know more?

Linux Administration Best Practices Createspace Independent Publishing Platform

The *Linux System Administrator's Guide* describes the system administration aspects of using Linux. It is intended for people who know next to nothing about system administration (those saying "what is it?"), but who have already mastered at least the basics of normal usage. This manual doesn't tell you how to install Linux; that is described in the *Installation and Getting Started* document. See below for more information about Linux manuals. System administration covers all the things that you have to do to keep a computer system in usable order. It includes things like backing up files (and restoring them if necessary), installing new programs, creating accounts for users (and deleting them when no longer needed), making certain that the file system is not corrupted, and so on. The structure of this manual is such that many of the chapters should be usable independently, so if you need information about backups, for example, you can read just that chapter.

Linux System Administration "O'Reilly Media, Inc."

This essential guide covers all aspects of Linux system administration, from user maintenance, backups, filesystem housekeeping, storage management, and network setup to hardware and software troubleshooting and some application management. It's both a practical daily reference manual for sysadmins and IT pros and a handy study guide for those taking Linux certification exams. You'll turn to it frequently, not only because of the sheer volume of valuable information it provides but because of the real-world examples within and the clear, useful way the information is presented. With this book at your side, you'll be able to: Install Linux and perform initial setup duties, such as connecting to a network Navigate the Linux filesystem via the command line Install software from repositories and source and satisfy dependencies Set permissions on files and directories Create, modify, and remove user accounts Set up networking Format and mount filesystems Perform basic troubleshooting on hardware and software Create and manage logical volumes Work with SELinux Manage a firewall and iptables Shut down, reboot, and recover a system Perform backups and restores

Linux System Administrator's Survival Guide Sams Publishing

Provides immediate solutions to the most common Linux installation and configuration tasks. It expertly explains the complexities of upgrading an existing Linux installation and rebuilding from source. It covers the use of the most common major Linux servers and utilities, including Apache, Sendmail, majordomo, DHCP, Samba, ISC BIND, and Coda. Covers kernel configuration, networking, system security, Internet services, LAN services, file systems, and much more. Author- Dee-Ann LeBlanc

Linux Systems for Beginners Simon and Schuster

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).