

Read Free Wale Soyinka Linux Administration Guide 6 Pdf For Free

Linux Network Administrator's Guide UNIX and Linux System Administration Handbook The Linux System Administrator's Guide The Linux System Administrator's Guide Practical Linux System Administration Linux Administration Handbook Linux Network Administrator's Guide Linux System Security Expert Linux Administration Guide Linux Administration: A Beginner's Guide, Fifth Edition Linux Administration Suse Linux Administration Guide Official Red Hat Linux Administrator's Guide Linux Administration A Beginners Guide 6/E Administrator's Guide to Linux in the Windows Enterprise Linux Systems for Beginners Making Servers Work Linux Administration Linux Administration LINUX System Administrators' Guide Linux Administration: A Beginner's Guide, Eighth Edition Mastering Linux Administration Linux System Administration Linux System Administrator's Survival Guide SUSE Linux Enterprise Server 12 - Administration Guide SUSE Linux Administration Guide The Complete Guide to Linux System Administration Red Hat Linux Administration Red Hat Enterprise Linux 9 Administration Red Hat Enterprise Linux Administration Unleashed Linux System Administration Handbook Openlinux Web Publishing Toolkit and System Administrator's Guide Linux Systems for Beginners Linux Administrator Street Smarts Red Hat Linux Administrator's Guide Suse Linux Enterprise Server 12 - Administration Guide The Complete Guide to Linux System Administration Linux Administration: A Beginner's Guide, Seventh Edition UNIX and Linux System Administration Handbook, 5th Edition Red Hat Enterprise Linux 8 Administration

*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 Develop the skills you need in the real world Hit the ground running with the street-smart training you'll find in this practical book. Using a "year in the life" approach, it gives you an inside look at Linux administration, with key information organized around the actual day-to-day tasks, scenarios, and challenges you'll face in the field. This valuable training tool is loaded with hands-on, step-by-step exercises covering all phases of Linux administration, including: * Working on the command line * Configuring hardware and the kernel * Managing software and processes * Documenting the system * Working with partitions and file systems * Configuring network features * Managing security An invaluable study tool This no-nonsense book also maps to the common tasks and exam objectives for the Linux Professional Institute (LPI) LPIC-1 certification exam and CompTIA's Linux+ certification exam. So whether you're preparing for certification or seeking practical skills to break into the field, you'll find the instruction you need, such as: * Using the command shell history * Redirecting input and output * Resolving hardware conflicts * Reconfiguring the login screen * Managing RPM and Debian packages * Protecting your system from runaway processes * Monitoring your system for degraded*

performance and security problems * Using journaling filesystems * Configuring common server software

The Street Smarts Series is designed to help current or aspiring IT professionals put their certification to work for them. Full of practical, real world scenarios, each book features actual tasks from the field and then offers step-by-step exercises that teach the skills necessary to complete those tasks. And because the exercises are based upon exam objectives from leading technology certifications, each Street Smarts book can be used as a lab manual for certification prep.

Develop the skill to manage and administer Red Hat Enterprise Linux and get ready to achieve the RHCSA certification

Key Features Learn the most common administration and security tasks and manage enterprise Linux infrastructures efficiently Assess your knowledge using self-assessment questions based on real-world examples Understand how to apply the concepts of core systems administration in the real world

Book Description Whether in infrastructure or development, as a DevOps or site reliability engineer, Linux skills are now more relevant than ever for any IT job, forming the foundation of understanding the most basic layer of your architecture. With Red Hat Enterprise Linux (RHEL) becoming the most popular choice for enterprises worldwide, achieving the Red Hat Certified System Administrator (RHCSA) certification will validate your Linux skills to install, configure, and troubleshoot applications and services on RHEL systems. Complete with easy-to-follow tutorial-style content, self-assessment questions, tips, best practices, and practical exercises with detailed solutions, this book covers essential RHEL commands, user and group management, software management, networking fundamentals, and much more. You'll start by learning how to create an RHEL 8 virtual machine and get to grips with essential Linux commands. You'll then understand how to manage users and groups on an RHEL 8 system, install software packages, and configure your network interfaces and firewall. As you advance, the book will help you explore disk partitioning, LVM configuration, Stratis volumes, disk compression with VDO, and container management with Podman, Buildah, and Skopeo. By the end of this book, you'll have covered everything included in the RHCSA EX200 certification and be able to use this book as a handy, on-the-job desktop reference guide. This book and its contents are solely the work of Miguel Perez Colino, Pablo Iranzo Gomez, and Scott McCarty. The content does not reflect the views of their employer (Red Hat Inc.). This work has no connection to Red Hat, Inc. and is not endorsed or supported by Red Hat, Inc. What you will learn

Deploy RHEL 8 in different footprints, from bare metal and virtualized to the cloud

Manage users and software on local and remote systems at scale

Discover how to secure a system with SELinux, OpenSCAP, and firewalld

Gain an overview of storage components with LVM, Stratis, and VDO

Master remote administration with passwordless SSH and tunnels

Monitor your systems for resource usage and take actions to fix issues

Understand the boot process, performance optimizations, and containers

Who this book is for This book is for IT professionals or students who want to start a career in Linux administration and anyone who wants to take the RHCSA 8 certification exam. Basic knowledge of Linux and familiarity with the Linux command-line is necessary. Develop the skills required to administer your RHEL environment on-premises and in the cloud while preparing for the RHCSA exam

Purchase of the print or Kindle book includes a free eBook in PDF format

Key Features Become a pro at system administration from installation to container management Secure and harden your Linux environment using SSH, SELinux, firewall, and system permissions Gain confidence to pass the RHCSA exam with the help of practice tests

Book Description With Red Hat Enterprise Linux 9 becoming the standard for enterprise Linux used from data centers to the cloud, Linux administration skills are in high demand. With this book, you'll learn how to deploy, access, tweak, and improve enterprise services on any system on any cloud running Red Hat Enterprise Linux 9. Throughout the book, you'll get to grips with essential tasks such as configuring and maintaining systems, including software installation, updates, and core services. You'll also understand how to configure the local storage using partitions and logical volumes, as well as assign and deduplicate storage. You'll learn how to deploy systems while also making them secure and reliable. This book provides a base for users who plan to become full-time Linux system administrators by presenting

key command-line concepts and enterprise-level tools, along with essential tools for handling files, directories, command-line environments, and documentation for creating simple shell scripts or running commands. With the help of command line examples and practical tips, you'll learn by doing and save yourself a lot of time. By the end of the book, you'll have gained the confidence to manage the filesystem, users, storage, network connectivity, security, and software in RHEL 9 systems on any footprint. What you will learn

Become well versed with the fundamentals of RHEL9—from system deployment to user management

Secure a system by using SELinux policies and configuring firewall rules

Understand LVM to manage volumes and maintain VDO deduplication

Manage a system remotely using SSH and public key authentication

Get the hang of the boot process and kernel tunable to adjust your systems

Automate simple tasks using scripts or Ansible Playbooks

Who this book is for This book is for Red Hat Enterprise Linux system administrators and Linux system administrators. It's also a good resource for any IT professional who wants to learn system administration. RHCSA certification candidates will find this book useful in their preparation for the certification exam. This boxed set combines the hot, new OpenLinux 2.2 distribution with the #1 guide to Linux system administration, "Linux System Administration Handbook." Together, they're all you need to deploy an enterprise-scale Web or intranet site with rock-solid performance. The accompanying book teaches exactly how to manage Linux networking, Web, FTP and NetNews services, E-mail, file/print services, and security. Technical and practical explanations are given of every major system administration task, including security, Internet setup, hardware configuration, and file serving. The CD-ROM contains OpenLinux from Caldera, the most popular business version of Linux. This "survival guide" provides detailed information on everything needed to make a system run smoothly, from the physical components of the environments to administration, optimizing, tuning, and maintaining each system. Now with a virtual machine showcasing the book's test system configuration, Linux Administration: A Beginner's Guide, Seventh Edition teaches system administrators how to set-up and configure Linux quickly and easily. Effectively set up and manage any version of Linux on individual servers or entire networks using this practical resource. Fully updated to cover the latest tools and techniques, Linux Administration: A Beginner's Guide, Seventh Edition features clear explanations, step-by-step instructions, and real-world examples. Find out how to configure hardware and software, work from the GUI or command line, maintain Internet and network services, and secure your data. Performance tuning, virtualization, containers, software management, and backup solutions are covered in detail.

- Install and configure Linux, including the latest distributions from Fedora, Ubuntu, CentOS, openSUSE, Debian, and RHEL
- Manage users, permissions, files, folders, and applications
- Set up and administer system services and daemons
- Manage software from source code or binary packages
- Customize, build, or patch the Linux kernel
- Work with physical and virtual file systems, such as proc, SysFS, and cgroup
- Understand networking protocols, including TCP/IP, ARP, IPv4, and IPv6
- Build reliable firewalls and routers with Netfilter (iptables and nftables) and Linux
- Monitor and test network activity and minimize security threats
- Create and maintain DNS, FTP, web, e-mail, print, LDAP, and VoIP servers
- Share resources using GlusterFS, NFS, and Samba
- Implement popular cloud-based technologies using Linux virtualization and containers using KVM and Docker

This comprehensive guide can help you administer Red Hat Enterprise Linux 5 effectively in any production environment, no matter how complex or challenging. Long-time Red Hat insider Tammy Fox brings together today's best practices for the entire system lifecycle, from planning and deployment through maintenance and troubleshooting. Fox shows how to maximize your efficiency and effectiveness by automating day-to-day maintenance through scripting, deploying security updates via Red Hat Network, implementing central identity management services, and providing shared data with NFS and Samba. Red Hat Enterprise Linux 5 Administration Unleashed contains extensive coverage of network and web services, from the Apache HTTP server and Sendmail email services to remote login with OpenSSH. Fox also describes Red Hat's most valuable tools for monitoring and optimization and presents

thorough coverage of security—including a detailed introduction to Security-Enhanced Linux (SELinux). SUSE Linux Enterprise Server 12 - Administration Guide covers system administration tasks like maintaining, monitoring and customizing an initially installed system. This book is available for free in many languages and different formats on the suse.com web site. This book is printed in grayscale. A comprehensive guide to SUSE Linux Enterprise Server 12 that covers system administration tasks like maintaining, monitoring and customizing an initially installed system. This book highlights practical sysadmin skills, common architectures that you'll encounter, and best practices that apply to automating and running systems at any scale, from one laptop or server to 1,000 or more. It is intended to help orient you within the discipline, and hopefully encourages you to learn more about system administration. Perfect for systems and network administrators migrating from Windows NT to Linux, or experimenting with bringing Linux into their network topology. Even novice users will find plenty of helpful information on administering the open source operating system—including installation, initial configuration, using the bash command shell, managing files, managing software, and granting rights to users. Prepares users for the Red Hat Certified Technician (RHCT) Certification, Linux Professional Institute (LPI) Certification, and SAIR/GNU Linux Certified Administrator (LCA) Certification. "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 blaviate. 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. 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. 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). Essential Linux Management Skills Made Easy Effectively deploy and maintain Linux and other Free and Open Source Software (FOSS) on your servers or entire network using this practical resource. Linux Administration: A Beginner's Guide, Sixth Edition provides up-to-date details on the latest Linux distributions, including Fedora, Red Hat Enterprise Linux, CentOS, Debian, and Ubuntu. Learn how to install and customize Linux, work from the GUI or command line, configure Internet and intranet services, interoperate with Windows systems, and create reliable backups. Performance tuning, security, and virtualization are also covered and real-world examples help you put the techniques presented into practice. Install and configure popular Linux distributions, including the latest versions of Fedora, CentOS, openSUSE, Debian, and Ubuntu Administer Linux servers from the GUI or from the command line (shell) Manage users, permissions, folders, and native FOSS applications Compile, tune, upgrade, and customize the latest Linux kernel 3.x series Work with proc, SysFS, and cgroup file systems Understand and manage the Linux TCP/IP networking stack and services for both IPv4 and IPv6 Build robust firewalls, and routers using Netfilter and Linux Create and maintain print, e-mail, FTP, and web servers Use LDAP or NIS for identity management Set up and administer DNS, POP3, IMAP3, and DHCP servers Use GlusterFS, NFS, and Samba for sharing and distributing file system resources Explore and implement Linux virtualization technologies using KVM Administer Any Linux Distribution with Ease Fully updated for the most current Linux distributions, Linux Administration: A Beginner's Guide, Fifth Edition, shows you how to set up, maintain, and troubleshoot Linux on a single server or an entire network. Get full details on granting user rights and permissions, configuring software and hardware, providing Internet and intranet services, and customizing Linux kernel 2.6. You'll also learn how to get your network services IPv6 ready, implement sound security, create foolproof system backups, and use the latest virtualization technologies. Real-world, hands-on examples are included throughout. Install and configure popular Linux distributions, including Fedora 9, Red Hat Enterprise Linux, OpenSuSE, and Ubuntu Manage users, permissions, files, folders, and applications Administer Linux servers from the GUI or from the command line (shell) Understand and manage file systems in Linux Compile, tune, and customize Linux kernel 2.6 Build robust firewalls and routers using netfilter and Linux Manage the Linux TCP/IP networking stack and services for both IPv4 and IPv6 Build and deploy Web, e-mail, and FTP servers Use NIS, NFS, LDAP, and Samba for resource sharing and identity management Set up and administer print, DNS, POP3, IMAP3, and DHCP servers Implement Linux virtualization technologies, including the native KVM platform A guide to Linux networking covers such topics as TCP/IP, Apache, Samba, connecting with a serial line, running inetd superservers, logging in remotely, and setting up a nameserver. 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. 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? 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. Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Gain Essential Linux Administration Skills Easily Effectively set up and manage popular Linux distributions on individual servers and build entire network infrastructures using this practical resource. Fully updated to cover the latest tools and techniques, Linux Administration: A Beginner's Guide, Eighth Edition features clear explanations, step-by-step instructions, and real-world examples. Find out how to configure hardware and software, work from the command line or GUI, maintain Internet and network services, and secure your data. Performance tuning, virtualization, containers, software management, security, and backup solutions are covered in detail. Install and configure Linux, including the latest distributions from Fedora, Ubuntu, CentOS, openSUSE, Debian, and RHEL. Set up and administer core system services, daemons, users, and groups. Manage software applications from source code or binary packages. Customize, build, or patch the Linux kernel. Understand and manage the Linux network stack and networking protocols, including TCP/IP, ARP, IPv4, and IPv6. Minimize security threats and build reliable firewalls and routers with Netfilter (iptables and nftables) and Linux. Create and maintain DNS, FTP, web, e-mail, print, LDAP, VoIP, and SSH servers and services. Share resources using GlusterFS, NFS, and Samba. Spin-up and manage Linux-based servers in popular cloud environments, such as OpenStack, AWS, Azure, Linode, and GCE. Explore virtualization and container technologies using KVM, Docker, Kubernetes, and Open Container Initiative (OCI) tooling. Download specially curated Virtual Machine image and containers that replicate various exercises, software, servers, commands, and concepts covered in the book. Wale Soyinka is a father, system administrator, a DevOps/SecOps

aficionado, an open source evangelist, a hacker, and a well-respected world-renowned chef (in his mind). He is the author of *Advanced Linux Administration* as well as other Linux, Network, and Windows administration training materials. "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. If you use Linux in your day-to-day work, this popular pocket guide is the perfect on-the-job reference. *SUSE Linux Administration Guide - Administration Guide* covers system administration tasks like maintaining, monitoring and customizing an initially installed system. *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. 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*. 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? Download the eBook, *Linux System Administration for*

Beginners for getting the perfect help to become a system administrator. Scroll to the top of the page and select the buy now button. Covering 6.0, the latest version of Red Hat Linux, this book also explores Linux on Intranet servers and use of Linux with other operating systems. The CD-ROM features gnu tools, utilities for administrators, and useful scripts. 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. 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 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. On Linux security * Essential reading for administrators of Red Hat Linux who download the software * The book to read after The Official Red Hat Linux User's Guide (0-7645-4967-7) * Includes high-end Red Hat administration instruction on features such as GRUB and ext3 * Advanced topics cover creating network scripts, configuring Apache and Samba, Kickstart installations, and configuration of major protocols such as SSH, LDAP, DHCP, and BIND RED HAT PRESS(TM) Linux Solutions from the Experts at Red Hat Red Hat-the world's leading Linux company-presents a series of unrivaled guides that are reviewed and approved by the experts at Red Hat. Each book is packed with invaluable tips and techniques that are ideal for everyone from beginning to advanced network and systems professionals, as well as home and small businesses. Have you ever wanted to become a Linux System Administrator? Or did you want to learn more about the operating system? If you answered yes to these questions, you have come to the right place. The motive of this book is to get you well versed with the Linux operating system and the profile known to the world as Linux System Administration. A Linux system admin is

basically a superhero who owns the servers of an organization and makes sure that they never go down. Servers in an organization contain user data, which is the most important thing in the modern world. Loss of data can result in huge losses for an organization and even lawsuits. Over the course of the book, you will gather information about the following: This book will prepare you with the knowledge that is essential to enter the field of Linux system administration. You will learn about the operating system called Red Hat Enterprise Linux 7 and how to install it. After installing you will learn about the tasks that are essential for a system in their day-to-day life. You will learn about the command line in Linux, which is used extensively by system admins to perform tasks using important commands. You will further get to know about the Linux File System hierarchy and how to navigate your way through files and directories in the Linux operating system. You will also understand how processes work in the Linux system and how you can use commands and signals to manage system processes as well as processes started manually. You will learn about SSH, which is one of the most used tools in Linux systems to create secure connections between two Linux systems on a private network or over the Internet. You will study how to analyze logs in the Linux system and how to read them to understand errors and how to fix those errors. And much more ! All in all, the book is aimed at preparing you to enter the world of Linux system administration such that you can pursue a career in an organization, which demand this role on a very large scale.

Linux administration based on hosted virtualization KEY FEATURES

- Designed for absolute beginners and early Linux users with the most up-to-date knowledge.
- Contains troubleshooting tips and best practices for running a Linux system on your own.
- Supplemental knowledge and insights in server security, threat management, and virtualization.

DESCRIPTION 'Expert Linux Administration Guide' is for the readers who are interested in developing the skills and abilities essential to operate as a professional Linux system administrator. This is the only book that explains everything about Linux practically through examples, simplified visuals, solution tips, and expert-led best practices. This book begins with an introduction to Linux fundamentals and swiftly progresses to the day-to-day tasks of a Linux administrator. You practically learn how to plan your network by installing Linux and gaining a firm grasp of its file system and system configuration. This book covers all the Linux server settings, including DNS, mail servers, Squid proxy servers, and backup recovery. In addition, the book contains troubleshooting hints and ready-to-use solutions for server configuration, load balancing, firewall configuration, network security concerns, and virtualization. The book does not end here, as it discusses some of the advanced administrator's responsibilities. Topics such as monitoring system performance, process controls, user provisioning, file and database recovery and backup, and software package upgrades are also covered. By the end of this book, you'll be able to practise and implement the latest system administration techniques in a Linux environment considerably more effectively.

WHAT YOU WILL LEARN

- Learn to install and configure Linux servers quickly.
- Manage configurations, license software, and patch security flaws.
- Obtain the highest level of support for RAID configurations.
- Learn how to set up database servers, backups, and system recovery.
- Expert advice on firewalls, web servers, disc utilization, and network resources.

WHO THIS BOOK IS FOR This book is intended for System Managers, System Administrators, Network Administrators, Server Administrators, System Engineers, and others interested in becoming professional Linux Administrators. No prerequisite knowledge is required, as the book covers everything clearly and precisely.

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