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Linux Administration Handbook

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Linux Administration: A Beginner's Guide, Eighth Edition

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Linux Administration for Dummies

Bash Guide for Beginners (Second Edition)

Linux For Dummies

Essential System Administration Pocket Reference

The Linux Operating System and Command Line Guide for Linux Administrators
Linux Administration: A Beginners Guide, Sixth Edition
Essential Linux Administration
Linux System Administration
The Ultimate Crash Course to Learn Linux, System Administration, Network Security,
and Cloud Computing with Examples and Exercises
Linux Administration A Beginners Guide 6/E
Linux Administration: A Beginner'S Guide, 3rd Edition
Insightful recipes to work with system administration tasks on Linux
A Beginner's Guide
Beginners Guide to Learn Linux Commands and Shell Scripting
Linux System Administration Black Book
Linux Administration
A Comprehensive Guide for Beginners
An Introduction to the Linux Operating System and Command Line
UNIX and Linux System Administration Handbook
Linux for Beginners Guide to Learn Linux Command Line, Linux Operating System
and Linux Commands
The Linux Command Line Beginner's Guide
Linux Administration Cookbook

UNIX System Administration: A Beginner's Guide

A Practical Guide to Linux System Administration

Linux Bible

Red Hat Linux Administration

A beginner-friendly guide to getting up and running with the world's most powerful operating system

The Ultimate Beginners Guide to Learn Linux Step by Step

Linux Administration

Making Servers Work

Linux for Beginners

ALEAH LAM

Linux Administration

Handbook Addison-Wesley Professional

Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running

applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills.

Summary You can be

incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and

tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft

Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book *Learn Azure in a Month of Lunches, Second Edition*, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21

short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside *Understanding Azure beyond point-and-click* *Securing applications and data* *Automating your environment* *Azure services for machine learning, containers, and more* About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and

senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and

troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing **Linux** "O'Reilly Media, Inc." More than 50 percent new and revised content for

today's Linux environment gets you up and running in no time! Linux continues to be an excellent, low-cost alternative to expensive operating systems. Whether you're new to Linux or need a reliable update and reference, this is an excellent resource. Veteran bestselling author Christopher Negus provides a complete tutorial packed with major updates, revisions, and hands-on exercises so that you can confidently start using Linux today. Offers a complete

restructure, complete with exercises, to make the book a better learning tool Places a strong focus on the Linux command line tools and can be used with all distributions and versions of Linux Features in-depth coverage of the tools that a power user and a Linux administrator need to get started This practical learning tool is ideal for anyone eager to set up a new Linux desktop system at home or curious to learn how to manage Linux server systems at work.
Linux John Wiley & Sons

This volume is a practical guide to Linux for systems and network administrators who are moving from Windows NT to Linux or are experimenting with bringing Linux into their network topology.
Linux Administration: A Beginner's Guide, Eighth Edition "O'Reilly Media, Inc."
The Linux Command Line Beginner's Guide gives users new to Linux an introduction to the command line environment. In the Guide, you'll learn how to:

- Copy, move, and delete files and directories. -
- Create, delete, and manage users. -Create, delete, and manage groups. -Use virtual terminals. -Use the bash shell. -Safely use the root account with su and sudo. -Change permissions and ownership of files and directories. -Create and edit text files from the command line, without using a graphical editor. -
- Diagnose network connectivity problems. -
- And many other topics.

ABOUT THE AUTHOR
Standing over six feet tall,

Jonathan Moeller has the piercing blue eyes of a Conan of Cimmeria, the bronze-colored hair a Visigothic warrior-king, and the stern visage of a captain of men, none of which are useful in his career as a computer repairman, alas. He has written the "Demonsouled" trilogy of sword-and-sorcery novels, and continues to write the "Ghosts" sequence about assassin and spy Caina Amalas, the "Computer Beginner's Guide" series of computer books, and numerous other works.

Linux Administration: A Beginner's Guide, Seventh Edition 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 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.

Python for Unix and Linux System

Administration For Dummies

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.

Learn Linux Quickly John Wiley & Sons

Now with a downloadable virtual machine showcasing the book's test system configuration and updated for the latest Linux kernel release, the new edition of this bestseller teaches system administrators how to set up and configure Linux quickly and easily. The seventh edition of Linux Administration: A

Beginner's Guide takes a proven, step-by-step approach to teaching the fundamentals of Linux system administration, including set-up, configuration, maintenance, networking, and security. Written for all beginner-level system and network admins, this beginner's guide makes it easy for you to translate your basic admin knowledge to Linux system administration and tackle real-world Linux system administration issues. Part I begins with instructions

for Linux server and software installation. Part II details all that is necessary to manage a stand-alone system and Part III introduces Linux security and networking. The remainder of the book is divided into two parts, Part IV: Internet Services and Part V: Intranet Services. The book's step-by-step design prompts you to follow along and configure your own system. This new edition features a virtual machine showcasing the example system configuration, allowing you to test and

compare your own configuration. Covers the major distributions of Linux server for Ubuntu, Fedora, Centos, and openSUSE, and the latest Linux kernel release -- Linux 3.20 Now with a virtual machine! Available for download, the virtual machine showcases the final system configuration you will achieve by working through the book Complete with instructor resource materials, featuring PowerPoint slides for classroom use and a test bank of questions that can be

used for homework assignments, quizzes, or a final exam
John Wiley & Sons
"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. There are practical examples to help you understand the concepts

and for added practicality"--Back cover.
[Learn Azure in a Month of Lunches, Second Edition](#)
McGraw-Hill Osborne Media
Linux Administration: A Beginner's Guide, Seventh Edition
McGraw Hill Professional
Linux Administration for Dummies Packt Publishing Ltd
Linux Administration For Dummies shows its readers just how to maintain Linux in a client/server environment.
Bash Guide for Beginners (Second Edition)

Createspace Independent Publishing Platform
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).
Linux For Dummies McGraw Hill Professional
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
Essential System Administration Pocket Reference No Starch Press
 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.

The Linux Operating System and Command Line Guide for Linux Administrators

Createspace Independent Publishing Platform
 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. [Linux Administration: A Beginners Guide, Sixth Edition](#) Manning

Publications

Learn to administer UNIX from both a network and single system perspective with help from this introductory resource.

You'll get clear advice on everything from installation and configuration to setting up important services such as Web Server, FTP, SNMP, DNS, as well as other key functions. You'll also find specific information for the Solaris, HP-UX, and AIX platforms.

Essential Linux Administration McGraw

Hill Professional

Solving the need for a Linux guide that is both comprehensive and user-friendly, **ESSENTIAL LINUX ADMINISTRATION: A COMPREHENSIVE GUIDE FOR BEGINNERS** enables the reader to better understand Linux-based networking and server administration. The text covers the entire breadth of Linux administration topics that professionals in the IT industry need to know. As the need to effectively use Linux grows, **ESSENTIAL LINUX ADMINISTRATION: A**

COMPREHENSIVE GUIDE FOR BEGINNERS will continue to be a crucial resource for anyone in the field.

Linux System

Administration Packt Publishing

The Bash Guide for Beginners (Second Edition) discusses concepts useful in the daily life of the serious Bash user. While a basic knowledge of shell usage is required, it starts with a discussion of shell building blocks and common practices. Then it presents the grep, awk

and sed tools that will later be used to create more interesting examples. The second half of the course is about shell constructs such as loops, conditional tests, functions and traps, and a number of ways to make interactive scripts. All chapters come with examples and exercises that will help you become familiar with the theory.

The Ultimate Crash Course to Learn Linux, System Administration, Network Security, and Cloud Computing with Examples and

Exercises DigitalOcean
A concise Packt Beginner's Guide to get you started with administering a Linux Mint system. This book is for those users who want to become Linux Mint system administrators and need to start learning quickly. It's assumed that you have a basic knowledge of GNU/Linux operating systems, as well as being familiar with concepts, such as kernel, filesystems, users, accounts, groups, and disk partitions
Linux Administration A

Beginners Guide 6/E
Fultus Corporation
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
[Linux Administration: A Beginner's Guide, 3rd Edition](#) McGraw Hill Professional

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.