
Pro Linux System Administration

Sed & Awk
Pro Ubuntu Server Administration
Essential System Administration
Python for Unix and Linux System Administration
Linux in Action
Python for Unix and Linux System Administration
Mastering Linux Administration
The Linux Command Line
Making Servers Work
Automating Linux and Unix System Administration
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Occupational Outlook Handbook
Mastering Linux System Administration
Linux System Administration
Linux System Administration
Linux Administration Cookbook
Pro Linux System Administration
Linux Administration: A Beginner's Guide, Seventh Edition
The Linux System Administrator's Guide
Red Hat Linux System Administration Handbook
Tiny Python Projects
Linux Administration Handbook
Hardening Linux
Linux Administration Best Practices
Pro Git
Linux Network Administrator's Guide
CentOS System Administration Essentials
AWS System Administration
Linux System Administration
UNIX System Administration Handbook
Essential System Administration Pocket Reference
Practical Ruby for System Administration
Pulling Strings with Puppet
The Practice of System and Network Administration
UNIX and Linux System Administration Handbook
The Linux Command Line, 2nd Edition
Linux Administration a Beginner's Guide
Pro Linux System Administration

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.

Pro Ubuntu Server Administration

"O'Reilly Media, Inc."

Within the pages of Practical Ruby for System Administration, you'll learn the

Ruby way to construct files, tap into clouds of data, build domain-specific languages, perform network traffic analysis, and more. Coverage places equal emphasis on fundamental Ruby concepts as well as practical how-tos. Based on author André Ben Hamou's own experiences working as a system administrator, this book will help you pick up practical tips on Ruby coding style, learn how to analyze and improve script performance, and make use of no-nonsense advice on scripting workflow, including testing, documentation, and version control.

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

An expert in UNIX/Linux systems integration presents a comprehensive and detailed guide to Linux system administration, for any skill level, that covers such areas as installing a Linux system, Linux distribution differences and considerations, and understanding the principles of Linux security. Original. (Intermediate)

Python for Unix and Linux System Administration "O'Reilly Media, Inc."

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.

Linux in Action Apress

Learn to install and administer Linux on an individual workstation or an entire network with this comprehensive in depth reference. You'll find everything you need to get up and running with any Linux distribution, including the latest version of Red Hat. Updated to cover the new 2.4 kernel and complete with an

expanded section on advanced networking, this book shows you how to install and configure Linux, set up Internet services, handle single-host administration, and much more. Plus, you'll get eight pages of blueprints illustrating the differences between Linux and Windows NT/2000. If you are a professional administrator wanting to bring Linux into your network topology, a home user with multiple machines wanting to build a simple home network, or are migrating from Windows, then you need this book.

Python for Unix and Linux System Administration "O'Reilly Media, Inc."

Achieve Linux system administration mastery with time-tested and proven techniques In *Mastering Linux System Administration*, Linux experts and system administrators Christine Bresnahan and Richard Blum deliver a comprehensive roadmap to go from Linux beginner to expert Linux system administrator with a learning-by-doing approach. Organized by do-it-yourself tasks, the book includes instructor materials like a sample syllabus, additional review questions, and slide decks. Amongst the practical applications of the Linux operating system included within, you'll find detailed and easy-to-follow instruction on: Installing Linux servers, understanding the boot and initialization processes, managing hardware, and working with networks Accessing the Linux command line, working with the virtual directory structure, and creating shell scripts to automate administrative tasks Managing Linux user accounts, system security, web and database servers, and virtualization environments Perfect for entry-level Linux system administrators, as well as system administrators familiar with Windows,

Mac, NetWare, or other UNIX systems, *Mastering Linux System Administration* is a must-read guide to manage and secure Linux servers.

Mastering Linux Administration No Starch Press

Schindler has gathered and organized the system administration-related papers from the copyrighted free Web-based Linux Documentation Project (LDP). With material written by the people who created and are maintaining and evolving Linux, the book enables broader distribution and use of LDP material through bookstores and educational institutions and also provides an index, table of contents, and explanatory notes.

The Linux Command Line Simon and Schuster

We can all be Linux experts, provided we invest the time in learning the craft of Linux administration. *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. Authors, and systems infrastructure experts James Turnbull, Peter Lieverdink, and Dennis Matotek take a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. If you want to implement a SOHO or SMB Linux infrastructure, *Pro Linux System Administration* clearly demonstrates everything you need. You'll find this book also provides a solid framework to move forward and expand your business and associated IT capabilities, and you'll benefit from the expertise and experienced guidance of the authors. *Pro Linux System Administration* covers An

introduction to using Linux and free and open source software to cheaply and efficiently manage your business. A layered model that allows your infrastructure to grow with your business. Easy and simple-to-understand instructions including configurations, examples, and extensive real-world hints and tips.

Making Servers Work No Starch Press
Essential System Administration, 3rd Edition is the definitive guide for Unix system administration, covering all the fundamental and essential tasks required to run such divergent Unix systems as AIX, FreeBSD, HP-UX, Linux, Solaris, Tru64 and more. *Essential System Administration* provides a clear, concise, practical guide to the real-world issues that anyone responsible for a Unix system faces daily. The new edition of this indispensable reference has been fully updated for all the latest operating systems. Even more importantly, it has been extensively revised and expanded to consider the current system administrative topics that administrators need most. *Essential System Administration*, 3rd Edition covers: DHCP, USB devices, the latest automation tools, SNMP and network management, LDAP, PAM, and recent security tools and techniques. *Essential System Administration* is comprehensive. But what has made this book the guide system administrators turn to over and over again is not just the sheer volume of valuable information it provides, but the clear, useful way the information is presented. It discusses the underlying higher-level concepts, but it also provides the details of the procedures needed to carry them out. It is not organized around the features of the Unix operating system, but around the various facets of a system

administrator's job. It describes all the usual administrative tools that Unix provides, but it also shows how to use them intelligently and efficiently. Whether you use a standalone Unix system, routinely provide administrative support for a larger shared system, or just want an understanding of basic administrative functions, *Essential System Administration* is for you. This comprehensive and invaluable book combines the author's years of practical experience with technical expertise to help you manage Unix systems as productively and painlessly as possible. *Automating Linux and Unix System Administration* Apress
Pro Ubuntu Server Administration teaches you advanced Ubuntu system building. After reading this book, you will be able to manage anything from simple file servers to multiple virtual servers to high-availability clusters. This is the capstone volume of the Apress Ubuntu trilogy that includes *Beginning Ubuntu Linux*, Third Edition and *Beginning Ubuntu Server LTS Administration: From Novice to Professional*, Second Edition. You will be able to make Ubuntu technology shine in a Fortune 500 environment and let Ubuntu server become the backbone of your infrastructure. Topics covered include Performance monitoring and optimization High-availability clustering Advanced Lightweight Directory Access Protocol (LDAP) integrated networking *Linux Administration* Apress
PowerShell Core for Linux Administrators Cookbook will take you through a complete tour of understanding .NET Core, PowerShell in general, PowerShell on Linux for management and automation. This book will also cover advanced concepts on how to use

PowerShell and manage Docker containers, Cloud, VMware and SQL databases.

Pro Linux System Administration John Wiley & Sons

Fully up to date with version 6 of Red Hat, this handbook gives readers everything they need to install, configure and administer Red Hat systems. Both novice and experienced system administrators can use this book to master Linux networking, file service, e-mail, security, back-ups, print sharing, Web, FTP, and much more.

Occupational Outlook Handbook

Addison-Wesley Professional

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.

Mastering Linux System

Administration Apress

"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.

Linux System Administration Apress

*Imparts good security doctrine, methodology, and strategies *Each application-focused chapter will be able to be used as a stand-alone HOW-TO for that particular application. *Offers users a selection of resources (websites, mailing lists, and books) to further their knowledge.

Linux System Administration Packt Publishing Ltd

If you're a Unix system administrator, then the information you need every day just to get your job done could fill a book--a very large book. But, practically speaking, you don't want to stop and thumb through a weighty volume each time a problem arises. Your answer is the *Essential System Administration Pocket Reference*, the only system administration reference that fits in your pocket. Concise and easy-to-use, this little book is the portable companion to the classic *Essential System Administration* by Aileen Frisch. The *Essential System Administration Pocket Reference* is a quick reference to all the fundamental and essential tasks required to run such divergent Unix systems as Solaris, Linux, AIX, BSD, SuSe, Red Hat, and more. Beginners and experienced administrators alike will quickly be able to apply its principles and advice to solve everyday problems. The book is divided into three parts: Commands, Syntax and Their Applications, Configuration Files and Formats, and Operating System Specific Information. The information in this book

is a must-have for any administrator or user of a Unix system. O'Reilly's *Pocket References* have become a favorite among technology professionals everywhere. By providing a wealth of important details in a concise, well-organized format, these handy books deliver just what you need to complete the task at hand. When you've reached a sticking point and need to get to a solution quickly, the new *Essential System Administration Pocket Reference* is the book you'll want to have.

Linux Administration Cookbook Addison-Wesley Professional

Over 100 recipes to get up and running with the modern Linux administration ecosystem Key Features Understand and implement the core system administration tasks in Linux Discover tools and techniques to troubleshoot your Linux system Maintain a healthy system with good security and backup practices Book Description Linux is one of the most widely used operating systems among system administrators, and even modern application and server development is heavily reliant on the Linux platform. The *Linux Administration Cookbook* is your go-to guide to get started on your Linux journey. It will help you understand what that strange little server is doing in the corner of your office, what the mysterious virtual machine languishing in Azure is crunching through, what that circuit-board-like thing is doing under your office TV, and why the LEDs on it are blinking rapidly. This book will get you started with administering Linux, giving you the knowledge and tools you need to troubleshoot day-to-day problems, ranging from a Raspberry Pi to a server in Azure, while giving you a good understanding of the fundamentals of how GNU/Linux works. Through the

course of the book, you'll install and configure a system, while the author regales you with errors and anecdotes from his vast experience as a data center hardware engineer, systems administrator, and DevOps consultant. By the end of the book, you will have gained practical knowledge of Linux, which will serve as a bedrock for learning Linux administration and aid you in your Linux journey. What you will learn

- Install and manage a Linux server, both locally and in the cloud
- Understand how to perform administration across all Linux distros
- Work through evolving concepts such as IaaS versus PaaS, containers, and automation
- Explore security and configuration best practices
- Troubleshoot your system if something goes wrong
- Discover and mitigate hardware issues, such as faulty memory and failing drives

Who this book is for If you are a system engineer or system administrator with basic experience of working with Linux, this book is for you.

Pro Linux System Administration Coriolis Group

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, Seventh Edition Packt Publishing Ltd

The author focuses solely on how UNIX and Linux system administrators can use well-known tools to automate tasks, even across multiple systems.

The Linux System Administrator's Guide Addison-Wesley Professional

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. *The Linux Command Line* takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell (or command line). Along the way you'll learn the timeless skills handed down by

generations of experienced, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: Create and delete files, directories, and symlinks

Administer your system, including networking, package installation, and process management Use standard input and output, redirection, and pipelines Edit files with Vi, the world's most popular text editor Write shell scripts to automate common or boring tasks Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust.

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