Linux All In One For Dummies

One of the fastest ways to learn Linux is with this perennial favorite Eight previous top-selling editions of Linux For Dummies can't be wrong. If you've been wanting to migrate to Linux, this book is the best way to get there. Written in easy-to-follow, everyday terms, Linux For Dummies 9th Edition gets you started by concentrating on two distributions of Linux that beginners love: the Ubuntu LiveCD distribution and the gOS Linux distribution, which comes pre-installed on Everex computers. The book also covers the full Fedora distribution. Linux is an open-source operating system and a low-cost or free alternative to Microsoft Windows: of numerous distributions of Linux, this book covers Ubuntu Linux, Fedora Core Linux, and gOS Linux, and includes them on the DVD. Install new open source software via Synaptic or RPM package managers Use free software to browse the Web, listen to music, read e-mail, edit photos, and even run Windows in a virtualized environment Get acquainted with the Linux command line If you want to get a solid foundation in Linux, this popular, accessible book is for you. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Linux Complete is a one-of-a-kind book--valuable both for its broad content and its low price. Not only does Linux Complete provide beginners with the essential information they need to get up and running, it features coverage for budding network administrators with topics such as Samba and Apache. Linux Complete starts out by walking you through installation, showing you how to perform basic tasks, and how to use the X Windows, KDE, and GNOME desktops. From there, you'll delve into connecting to the Internet, configuring and administrating a basic network, and security essentials. Next, Linux Complete shows you how to integrate Linux servers into your Windows network with Samba, how to set up an Apache Web Server and how to use Sendmail, an essential component of any Linux system. Linux Complete introduces you to the work of some of Sybex's finest authors, so you'll know where to go to learn even more about Linux. Inside: Linux Fundamentals * Installing Linux * Performing Basic Commands and Tasks * Using GNOME and KDE * Working with Multimedia Basic Networking and Communications * Understanding and Configuring TCP/IP Networking * Creating and Maintaining Accounts * Connecting to the Internet * Configuring Hardware and Internet Servers * Configuring Server Services Security * Linux Security Primer * Building the Most Secure Linux System * Securing Network Services Samba and Apache * Understanding and Integrating SMB/CIFS * Installing and Configuring Samba * Understanding Apache * Installing Apache * Using the Apache Core Directives * Locating, Installing, and Using Apache Modules Sendmail--Visit the Sybex website for these bonus materials * Installing and Running Sendmail * Downloading and Compiling Sendmail * Creating a Basic Sendmail Configuration

Organized into eight task-oriented minibooks, this comprehensive 816-page guide shows beginning-to-intermediate users how to get up and running with today's top five Linux distributions: Fedora Core, SUSE, Debian, Xandros, and Knoppix The companion DVD features the full installable versions of Fedora Core 3 and Knoppix and the ISO images (saving hours of downloading time) for the following distributions: SUSE live, Debian full version, and Xandros Open Circulation version. Features step-by-step installation instructions for each distribution The minibooks offer humorous, easy-to-understand coverage of Linux basics, desktops, networking, the Internet, administration, security, Internet servers, and programming Lets readers explore the most popular distributions for desktop and server use

8 mini books chock full of Linux! Inside, over 800 pages of Linux topics are organized into eight task-oriented mini books that help you understand all aspects of the latest OS distributions of the most popular open-source operating system in use today. Topics include getting up and running with basics, desktops, networking, internet services, administration, security, scripting, Linux certification, and more. This new edition of Linux All-in-One For Dummies has a unique focus on Ubuntu, while still including coverage of Debian, Red Hat SuSE, and others. The market is looking for administrators, and part of the qualifications needed for job openings is the authentication of skills by vendor-neutral third parties (CompTIA Linux Professional Institute)—and that's something other books out there don't address. Install and configure peripherals, software packages, and keep everything current Connect to the internet, set up a local area network (including a primer on TCP/IP, and managing a local area network using configuration tools and files) Browse the web securely and anonymously Get everything you need to pass your entry-level Linux certification exams This book is for anyone getting familiar with the Linux OS, and those looking for test-prep content as they study for the level-1 Linux certification!

Linux Complete
Linux Pocket Guide
Linux Command Line, Cover All Essential Linux Commands.: A Beginner's Guide
Security Tools & Techniques
The Tiny Adaptable Linux that Runs on Anything

Open source provides the competitive advantage in the Internet Age. According to the August Forrester Report, 56 percent of IT managers interviewed at Global 2,500 companies are already using some type of open source software in their infrastructure and another 6 percent will install it in the next two years. This revolutionary model for collaborative software development is being embraced and studied by many of the biggest players in the high-tech industry, from Sun Microsystems to IBM to Intel.The Cathedral & the Bazaar is a must for anyone who cares about the future of the computer industry or the dynamics of the information economy. Already, billions of dollars have been made and lost based on the ideas in this book. Its conclusions will be studied, debated, and implemented for years to come. According to Bob Young, "This is Eric Raymond's great contribution to the success of the open source revolution, the adoption of Linux-based operating systems, and to the success of open source users and the companies that supply them."The interest in open source software development has grown enormously in the past year. This revised and expanded paperback edition includes new material on open source developments in 1999 and 2000. Raymond's clear and effective writing style accurately describing the benefits of open source software has been key to its success. With major vendors creating acceptance for open source within companies, independent vendors will become the open source story in 2001.

Provides information on writing a driver in Linux, covering such topics as character devices, network interfaces, driver debugging, concurrency, and interrupts.

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).

Covers all aspects of programming using the C++ language, including objects and classes, data structures, the standard library, lambda expressions, templates, and debugging.

Linux
Networking All-in-One For Dummies
The Cathedral & the Bazaar
C++ All-in-One For Dummies
The Linux Command Line, 2nd Edition

This book shows you how to build your own Linux Web server with Ubuntu Linux and host your own website at home for free without having to pay a web hosting company like GoDaddy or Web.com. Whether you are ten years old or 80, even if you have never worked with Linux before and you are not that good with computers, you can setup a Linux Web Server by following the simple, easy-to-follow steps in this book. Setup an Ubuntu Linux Server from scratch. Create your own domain name. Make a simple web page. Get your server to be seen by the Internet. Use FTP to edit your web pages. Process HTML form submissions. Program a MySQL database to store a guest book. Use PHP to integrate your web page with MySQL. Add a visitor counter to your web page. Setup Free Dynamic DNS Forwarding Backup your MySQL Databases Use Linux, MySQL and PHP security features. Accept payment with PayPal buttons.

O'Reilly's Pocket Guides have earned a reputation as inexpensive, comprehensive, and compact guides that have the stuff but not the fluff. Every page of Linux Pocket Guide lives up to this billing. It clearly explains how to get up to speed quickly on day-to-day Linux use. Once you're up and running, Linux Pocket Guide provides an easy-to-use reference that you can keep by your keyboard for those times when you want a fast, useful answer, not hours in the man pages.Linux Pocket Guide is organized the way you use Linux: by function, not just alphabetically. It's not the 'bible of Linux; it's a practical and concise guide to the options and commands you need most. It starts with general concepts like files and directories, the shell, and X windows, and then presents detailed overviews of the most essential commands, with clear examples. You'll learn each command's purpose, usage, options, location on disk, and even the RPM package that installed it.The Linux Pocket Guide is tailored to Fedora Linux--the latest spin-off of Red Hat Linux--but most of the information applies to any Linux system.Throw in a host of valuable power user tips and a friendly and accessible style, and you'll quickly find this practical, to-the-point a small but mighty resource for Linux users.

A True Textbook for an Introductory Course, System Administration Course, or a Combination Course Linux with Operating System Concepts, Second Edition merges conceptual operating system (OS) and Unix/Linux topics into one cohesive textbook for undergraduate students. The book can be used for a one- or two-semester course on Linux or Unix. It is complete with review sections, problems, definitions, concepts and relevant introductory material, such as binary and Boolean logic, OS kernels and the role of the CPU and memory hierarchy. Details for Introductory and Advanced Users The book covers Linux from both the user and system administrator positions. From a user perspective, it emphasizes command-line interaction. From a system administrator perspective, the text reinforces shell scripting with examples of administration scripts that support the automation of administrator tasks. Thorough Coverage of Concepts and Linux Commands The author incorporates OS concepts not found in most Linux/Unix textbooks, including kernels, file systems, storage devices, virtual memory and process management. He also introduces computer science topics, such as computer networks and TCP/IP, interpreters versus compilers, file compression, file system integrity through backups, RAID and encryption technologies, booting and the GNUs C compiler. New in this Edition The book has been updated to systemd Linux and the newer services like Cockpit, NetworkManager, firewalld and journald. This edition explores Linux beyond CentOS/Red Hat by adding detail on Debian distributions. Content across most topics has been updated and improved.

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. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, 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. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

Linux All-in-One Desk Reference For Dummies
Linux For Dummies
Linux All-In-One For Dummies
Linux Network Administrator's Guide
How to Setup a Linux Web Server
Linux All-in-One For DummiesJohn Wiley & Sons

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.

This practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers would use them. Topics include Linux command line basics, filesystems, networking, BASH basics, package management, logging, and the Linux kernel and drivers. If you're getting started along the exciting path of hacking, cybersecurity, and pentesting, Linux Basics for Hackers is an excellent first step. Using Kali Linux, an advanced penetration testing distribution of Linux, you'll learn the basics of using the Linux operating system and acquire the tools and techniques you'll need to take control of a Linux environment. First, you'll learn how to install Kali on a virtual machine and get an introduction to basic Linux concepts. Next, you'll tackle broader Linux topics like manipulating text, controlling file and directory permissions, and managing user environment variables. You'll then focus in on foundational hacking concepts like security and anonymity and learn scripting skills with bash and Python. Practical tutorials and exercises throughout will reinforce and test your skills as you learn how to: - Cover your tracks by changing your network information and manipulating the rsyslog logging utility - Write a tool to scan for network connections, and connect and listen to wireless networks - Keep your internet activity stealthy using Tor, proxy servers, VPNs, and encrypted email - Write a bash script to scan open ports for potential targets - Use and abuse services like MySQL, Apache web server, and OpenSSH - Build your own hacking tools, such as a remote video spy camera and a password cracker Hacking is complex, and there is no single way in. Why not start at the beginning with Linux Basics for Hackers?

A guide to using Damn Small Linux covers such topics as using applications, configuring settings, running DSL embedded in Windows, making an Edna Music Server, and using Skype VoIP service.

Linux All-in-One For Dummies
Talking Directly to the Kernel and C Library
The Official Damn Small Linux Book

A Practical Guide to Fedora and Red Hat Enterprise Linux

Red Hat continues to improve its version of Linux. And Red Hat Linux All-in-One Desk Reference For Dummies gives you eight different quick-reference guides in a single book. Taken together, these eight books provide detailed information on installing, configuring, and using Red Hat Linux. What you'll like most about this book is that you don't have to read it sequentially chapter by chapter, or, for that matter, even the sections in a chapter. You can pretty much turn to the topic you want and quickly get the answer to your pressing questions about Red Hat Linux, be it about using the word processor or setting up the Web server. This book is for you if you're looking to Install and configure Red Hat Linux from the CD-ROMs included with the book Connect the Red Hat Linux PC to the Internet through a DSL or cable modem Set up dial-up networking with PPP Get tips, techniques, and shortcuts for specific uses of Red Hat Linux Red Hat Linux All-in-One Desk Reference For Dummies has eight books, each of which focuses on a small set of related topics. If you are looking for information on a specific topic, check the book names on the spine or consult the Table of Contents. These different minibooks in the desktop reference explain: The basics of Red Hat Linux The various aspects of a Red Hat Linux workstation Networking Using the Internet System administration Security Servers Programming It's time to get started on your Red Hat Linux adventure. With this guide, you can take out the CDs and install Red Hat Linux. Then, turn to a relevant chapter and let the fun begin. Before you know it, you'll become an expert at Red Hat Linux!

Describes the basic features of Fedora and offers instructions concerning its use, administration, network and server set-up, and its compatibility with new technology.

Complete coverage of the newest exam release from the Linux Professional Institute, and the first step toward LPIC-1 and CompTIA Linux+ Linux Essentials All-in-One Exam Guide covers this "first-of-its-kind" program intended for the academic sector, aspiring IT professionals, and anyone new to the world of Linux and open source technology. This comprehensive, classroom-based reference offers 100% coverage of all exam objectives for the Linux Essentials exam. The book includes expert discussion sidebars to convey in-depth information. Tip, Caution, and Note icons highlight key topics; end-of-chapter quizzes test retention and exam readiness; and Exam Tips guide you through tough technical topics that may be tricky come exam day. The All-in-One also includes hands-on examples and exercises that reinforce practical learning for real-world applicability. Electronic content includes a practice exam (Windows based).

"I have found this book to be a very useful classroom text, as well as a great Linux resource. It teaches Linux using a ground-up approach that gives students the chance to progress with their skills and grow into the Linux world. I have often pointed to this book when asked to recommend a solid Linux reference." -Eric Hartwell, Chair, School of Information Technology, ITT Technical Institute The #1 Fedora and RHEL resource--a tutorial AND on-the-job reference Master Linux administration and security using GUI-based tools, the command line, and Perl scripts Set up key Internet servers, step by step, including Samba, Apache, sendmail, DNS, LDAP, FTP, and more Master All the Techniques You Need to Succeed with Fedora(tm) and Red Hat® Enterprise Linux® In this book, one of the world's leading Linux experts brings together all the knowledge you need to master Fedora or Red Hat Enterprise Linux and succeed with it in the real world. Best-selling author Mark Sobell explains Linux clearly and effectively, focusing on skills you'll actually use as a user, programmer, or administrator. Now an even more versatile learning resource, this edition adds skill objectives at the beginning of each chapter. Sobell assumes no prior Linux knowledge. He starts at the beginning and walks you through every topic and task that matters, using easy-to-understand examples. Step by step, you'll learn how to install and configure Linux from the accompanying DVD, navigate its graphical user interface, provide file/print sharing, configure network servers, secure Linux desktops and networks, work with the command line, administer Linux efficiently, and even automate administration with Perl scripts. Mark Sobell has taught hundreds of thousands of Linux and UNIX professionals. He knows every Linux nook and cranny--and he never forgets what it's like to be new to Linux. Whatever you want to do with Linux--now or in the future--you'll find it here. Compared with the other Linux books out there, A Practical Guide to Fedora(tm) and Red Hat® Enterprise Linux®, Sixth Edition, delivers Complete, up-to-the-minute coverage of Fedora 15 and RHEL 6 State-of-the-art security techniques, including up-to-date firewall setup techniques using system-config-firewall and iptables, and a full chapter on OpenSSH (ssh) Coverage of crucial topics such as using su and sudo, and working with the new systemd init daemon Comprehensive coverage of the command line and key system GUI tools More practical coverage of file sharing using Samba, NFS, and FTP Superior coverage of automating administration with Perl More usable, realistic coverage of Internet server configuration, including Apache (Web), sendmail, NFSv4, DNS/BIND, and LDAP, plus new coverage of IPv6 More and better coverage of system/network administration tasks, including network monitoring with Cacti Deeper coverage of essential administration tasks--from managing users to CUPS printing, configuring LANs to building a kernel Complete instructions on keeping Linux systems up-to-date using yum And much more, including a 500+ term glossary and comprehensive indexes Includes DVD! Get the full version of the Fedora 15 release!

Red Hat Fedora Linux 2 All-in-One Desk Reference For Dummies
SUSE Linux 10 Unleashed
Linux Mint Essentials
Linux in a Nutshell
Linux Cookbook

Computer security is an ongoing process, a relentless contest between system administrators and intruders. A good administrator needs to stay one step ahead of any adversaries, which often involves a continuing process of education. If you're grounded in the basics of security, however, you won't necessarily want a complete treatise on the subject each time you pick up a book. Sometimes you want to get straight to the point. That's exactly what the new Linux Security Cookbook does. Rather than provide a total security solution for Linux computers, the authors present a series of easy-to-follow recipes--short, focused pieces of code that administrators can use to improve security and perform common tasks securely.The Linux Security Cookbook includes real solutions to a wide range of targeted problems, such as sending encrypted email within Emacs, restricting access to network services at particular times of day, firewalling a webserver, preventing IP spoofing, setting up key-based SSH authentication, and much more. With over 150 ready-to-use scripts and configuration files, this unique book helps administrators secure their systems without having to look up specific syntax. The book begins with recipes devised to establish a secure system, then moves on to secure day-to-day practices, and concludes with techniques to help your system stay secure.Some of the "recipes" you'll find in this book are: Controlling access to your system from firewalls down to individual services, using iptables, ipchains, xinetd, inetd, and more Monitoring your network with tcpdump, dsniff, netstat, and other tools Protecting network connections with Secure Shell (SSH) and stunnel Safeguarding email sessions with Secure Sockets Layer (SSL) Encrypting files and email messages with GnuPG Probing your own security with password crackers, nmap, and handy scripts This cookbook's proven techniques are derived from hard-won experience. Whether you're responsible for security on a home Linux system or for a large corporation, or somewhere in between, you'll find valuable, to-the-point, practical recipes for dealing with everyday security issues. This book is a system saver.

Join an estimated 85% of the U.S. Linux market in using Red Hat's Linux distributions by learning it from a Fedora authority.Sams Teach Yourself Red Hat Fedora 4 All in Oneis a starter kit that will help you install, configure, and use Red Hat's Fedora 4 distribution and desktop applications. The easy-to-understand, step-by-step instructions will also show you how to: Use the OpenOffice.org productivity suite and other leading applications. Troubleshoot hardware issues and install new components. Set up a small Linux-based network to share files and resources. Also included is a DVD, which will provide you with the complete Fedora Core Linux distribution, OpenOffice.org desktop suite, and the leading applications for e-mail, Web browsing, and graphics. Find out how you can safely and reliably use Linux and Linux-based applications to accomplish your day-to-day work in the office and at home withSams Teach Yourself Red Hat Fedora 4 All in One.

A complete guide and reference to five major Linux distributions Linux continues to grow in popularity worldwide as a low-cost, reliable operating system for enterprise use. Nine minibooks in this guide cover everything administrators need to know about the five leading versions: Ubuntu, Fedora Core, OpenSUSE, Mint, and Mandriva. The companion DVD includes full Ubuntu installations and ISO images for the other four, saving hours of downloading time. The open source Linux operating system is gaining market share around the world for both desktop and server use; this soup-to-nuts guide covers installation and everything else administrators need to know about Ubuntu, Fedora Core, OpenSUSE, Mint, and Mandriva Nine self-contained minibooks cover Linux basics, desktops, networking, Internet, administration, security, Linux servers, programming, and scripting Updated to cover the newest versions of the five top distributions, with complete installation instructions and a DVD including the full Ubuntu installations and ISO images for the others Linux users and administrators will be able to install and sample five popular Linux flavors with the information in Linux All-in-One For Dummies. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

UNIX, UNIX LINUX & UNIX TCL/TK. Write software that makes the most effective use of the Linux system, including the kernel and core system libraries. The majority of both Unix and Linux code is still written at the system level, and this book helps you focus on everything above the kernel, where applications such as Apache, bash, cp, vim, Emacs, gcc, gdb, glibc, ls, mv, and X exist. Written primarily for engineers looking to program at the low level, this updated edition of Linux System Programming gives you an understanding of core internals that makes for better code, no matter where it appears in the stack. -- Provided by publisher.

Getting Started with Networking, Scripting, and Security in Kali
Linux Basics for Hackers
Linux with Operating System Concepts
CompTIA Linux+ Certification All-in-One Exam Guide: Exam XK0-004
LPI Linux Essentials Certification All-in-One Exam Guide

Your ultimate one-stop networking reference Designed to replace that groaning shelf-load of dull networking books you'd otherwise have to buy and house, Networking All-in-One For Dummies covers all the basic and not-so-basic information you need to get a network up and running. It also helps you keep it running as it grows more complicated, develops bugs, and encounters all the fun sorts of trouble you expect from a complex system. Ideal both as a starter for newbie administrators and as a handy quick reference for pros, this book is built for speed, allowing you to get past all the basics—like installing and configuring hardware and software, planning your network design, and managing cloud services—so you can get on with what your network is actually intended to do. In a friendly, jargon-free style, Doug Lowe—an experienced IT Director and prolific tech author—covers the essential, up-to-date information for networking in systems such as Linux and Windows 10 and clues you in on best practices for security, mobile, and more. Each of the nine minibooks demystifies the basics of one key area of network management. Plan and administrate your network Implement virtualization Get your head around networking in the Cloud Lock down your security protocols The best thing about this book? You don't have to read it all at once to get things done; once you've solved the specific issue at hand, you can put it down again and get on with your life. And the next time you need it, it'll have you covered.

A task-oriented look at Linux Mint, using actual real-world examples to stimulate learning. Each topic is presented in an easy-to-follow order, with hands-on activities to reinforce the content. If you are starting out with Linux from a different platform or are well versed with Linux Mint and want a guide that shows you how to exploit certain functionality, this book is for you. No previous Linux experience is assumed.

Python is an ideal language for solving problems, especially in Linux and Unix networks. With this pragmatic book, administrators can review various tasks that often occur in the management of these systems, and learn how Python can provide a more efficient and less painful way to handle them. Each chapter in Python for Unix and Linux System Administration presents a particular administrative issue, such as concurrency or data backup, and presents Python solutions through hands-on examples. Once you finish this book, you'll be able to develop your own set of command-line utilities with Python to tackle a wide range of problems. Discover how this language can help you: Read text files and extract information Run tasks concurrently using the threading and forking options Get information from one process to another using network facilities Create clickable GUIs to handle large and complex utilities Monitor large clusters of machines by interacting with SNMP programmatically Master the IPython Interactive Python shell to replace or augment Bash, Korn, or Z-Shell Integrate Cloud Computing into your infrastructure, and learn to write a Google App Engine Application Solve unique data backup challenges with customized scripts Interact with MySQL, SQLite, Oracle, Postgres, Django ORM, and SQLAlchemy With this book, you'll learn how to package and deploy your Python applications and libraries, and write code that runs equally well on multiple Unix platforms. You'll also learn about several Python-related technologies that will make your life much easier.

Completely updated for the newest release of Red Hat Linux, with nine stand-alone, task-oriented minibooks that enable readers to understand all aspects of the Red Hat Linux operating system Includes a new minibook on the OpenOffice.org Desktop Productivity Suite; a new chapter on wireless Ethernet local area networks (LANs); new material on USB devices; and enhanced information on accessing databases, working with graphics and images, and using Linux multimedia tools Written in the friendly, easy-to-understand For Dummies style, the book offers nearly 900 pages of coverage on basic to advanced Red Hat Linux topics, making it the perfect desktop reference to help readers find quick answers or learn how to perform a particular task Includes a DVD that contains all of the CD-ROMs that make up the full Fedora Core distribution, including the source code.

Red Hat Linux All-in-One Desk Reference For Dummies
Python for Unix and Linux System Administration
Sams Teach Yourself Red Hat Fedora 4 Linux All in One
Ubuntu Linux For Dummies
A Complete Introduction

What has made Ubuntu the most popular Linux distribution in recent years? It's the emphasis on ease of installation and use. It gets even easier when paired with Ubuntu Linux For Dummies. This friendly reference shows you how to run Ubuntu directly from CD-ROM and install it on a PC as a personal workstation and network server. You'll find out how to download Ubuntu and start using it right away. You'll also discover how to: Connect to a LAN via a wireless and Ethernet Use OpenOffice.org and Mozilla Firefox drawing and editing Tap into multimedia, graphics and other applications using Ubuntu Create services for a home or small business network Generate and manage web pages, print services, and more Find helpful information about Ubuntu and Linux Troubleshoot and fix problems "Ubuntu" means "humanity toward others." Operating system guidebooks don't get any more humane than Ubuntu Linux For Dummies.

Curious about Linux, the amazing alternative operating system? Not sure which of the zillion different variations is right for you, or how to find out? How wise you are to think of Linux All-In-One Desk Reference For Dummies! Because Linux offers so many options, this book helps you narrow them down by giving you five popular Linux distributions on a DVD—Debian GNU/Linux, Fedora, openSUSE Linux, Ubuntu, and Xandros. You get everything you need to test-drive all five, including the instructions to install and use any of them. But that's just the beginning! Linux All-In-One Desk Reference For Dummies includes eight individual minibooks, each devoted to a specific aspect of Linux: Linux Basics Linux Desktops Networking Internet Administration Security Internet Servers Programming You'll find out how to: Understand the Linux kernel Create a network and connect a Linux PC to the Internet Use Internet services including Web, Mail, News, FTP, NFS, and DNS. Set up a Windows server using Samba Use Perl, shell, and C programming with Linux Manage system and network security and administration Work with the OpenOffice.org productivity tools and other applications that come with Linux So what are you waiting for? Linux All-In-One Desk Reference For Dummies is like having a guided tour of the wonderful world of Linux! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This collection of tips, tools, and scripts provides clear, concise, hands-on solutions that can be applied to the challenges facing anyone running a network of Linux servers from small networks to large data centers.

Over the last few years, Linux has grown both as an operating system and a tool for personal and business use. Simultaneously becoming more user friendly and more powerful as a back-end system, Linux has achieved new plateaus: the newer filesystems have solidified, new commands and tools have appeared and become standard, and the desktop--including new desktop environments--have proved to be viable, stable, and readily accessible to even those who don't consider themselves computer gurus. Whether you're using Linux for personal software projects, for a small office or home office (often termed the SOHO environment), to provide services to a small group of colleagues, or to administer a site responsible for millions of email and web connections each day, you need quick access to information on a wide range of tools. This book covers all aspects of administering and making effective use of Linux systems. Among its topics are booting, package management, and revision control. But foremost in Linux in a Nutshell are the utilities and commands that make Linux one of the most powerful and flexible systems available. Now in its fifth edition, Linux in a Nutshell brings users up-to-date with the current state of Linux. Considered by many to be the most complete and authoritative command reference for Linux available, the book covers all substantial user, programming, administration, and networking commands for the most common Linux distributions. Comprehensive but concise, the fifth edition has been updated to cover new features of major Linux distributions. Configuration information for the rapidly growing commercial network services and community update services is one of the subjects covered for the first time. But that's just the beginning. The book covers editors, shells, and LILO and GRUB boot options. There's also coverage of Apache, Samba, Postfix, sendmail, CVS, Subversion, Emacs, vi, sed, gawk, and much more. Everything that system administrators, developers, and power users need to know about Linux is referenced here, and they will turn to this book again and again.

Spring Into Linux®
The Linux Command Line
Linux System Programming
Understanding the Linux Kernel
Musings on Linux and Open Source by an Accidental Revolutionary

Get started with the Linux operating system. Learn how to trouble shoot, get online, and start networking, all with Linux All-in-One For Dummies 7th Edition. This all-inclusive title will cover a wide array of Linux problems, uses, and commonly asked questions, with hands on example problems, so readers can get familiar with Linux. EIGHT MINI BOOKS: Getting Started with Linux Linux Desktops Networking Administration Managing Linux Servers Security Scripting Linux Certification

This book is a beginner's guide for fast learning Linux commands which are frequently used by Linux administrators or beginners. The book covers all essential Linux commands as well as their operations, examples and explanations. It also includes Linux Helping commands, symbols, shortcut keys, run levels and Vi commands. From this book, you can easily learn: How to run all essential Linux commands. How to copy, move, and delete files and directories. How to create, remove, and manage users and groups. How to access Linux server, and use SSH commands. How to operate the run levels and change the run levels. How to navigate at the command line by helping commands. How to compare files, find out a file, manipulate file contents. How to start a job, stop a job and schedule a job. How to manage permissions, ownership of files, directories. How to connect across network, communicate with network. How to transfer files over network, send network messages And much more skill...... There is a long chart containing all common Linux commands in this book, which can give you a great help in your job or study. You can learn all essential Linux commands quickly.

Becoming a master of networking has never been easier Whether you're in charge of a small network or a large network, Networking All-in-One is full of the information you'll need to set up a network and keep it functioning. Fully updated to capture the latest Windows 10 releases through Spring 2018, this is the comprehensive guide to setting up, managing, and securing a successful network. Inside, nine minibooks cover essential, up-to-date information for networking in systems such as Windows 10 and Linux, as well as best practices for security, mobile and cloud-based networking, and much more. Serves as a single source for the most-often needed network administration information Covers the latest trends in networking Get nine detailed and easy-to-understand networking minibooks in one affordable package Networking All-in-One For Dummies is the perfect beginner's guide as well as the professional's ideal reference book.

A comprehensive collection of 8 books in 1 offering electronics guidance that can't be found anywhere else! If you know a breadboard from a breadbox but want to take your hobby electronics skills to the next level, this is the only reference you need. Electronics All-in-One For Dummies has done the legwork for you — offering everything you need to enhance your experience as an electronics enthusiast in one convenient place. Written by electronics guru and veteran For Dummies author Doug Lowe, this down-to-earth guide makes it easy to grasp such important topics as circuits, schematics, voltage, and safety concerns. Plus, it helps you have tons of fun getting your hands dirty working with the Raspberry Pi, creating special effects, making your own entertainment electronics, repairing existing electronics, learning to solder safely, and so much more. Create your own schematics and breadboards Become a circuit-building expert Tackle analog, digital, and car electronics Debunk and grasp confusing electronics concepts If you're obsessed with all things electronics, look no further! This comprehensive guide is packed with all the electronics goodies you need to add that extra spark to your game!

Red Hat Linux Fedora All-in-One Desk Reference For Dummies
Linux Device Drivers
Linux Security Cookbook
Electronics All-in-One For Dummies

Provides information on the installation, use, and administration of Suse Linux 10.

To thoroughly understand what makes Linux tick and why it's so efficient, you need to delve deep into the heart of the operating system--into the Linux kernel itself. The kernel is Linux--in the case of the Linux operating system, it's the only bit of software to which the term "Linux" applies. The kernel handles all the requests or completed I/O operations and determines which programs will share its processing time, and in what order. Responsible for the sophisticated memory management of the whole system, the Linux kernel is the force behind the legendary Linux efficiency. The new edition of Understanding the Linux Kernel takes you on a guided tour through the most significant data structures, many algorithms, and programming tricks used in the kernel. Probing beyond the superficial features, the authors offer valuable insights to people who want to know how things really work inside their machine. Relevant segments of code are dissected and discussed line by line. The book covers more than just the functioning of the code, it explains the theoretical underpinnings for why Linux does things the way it does. The new edition of the book has been updated to cover version 2.4 of the kernel, which is quite different from version 2.2: the virtual memory system is entirely new, support for multiprocessor systems is improved, and whole new classes of hardware devices have been added. The authors explore each new feature in detail. Other topics in the book include: Memory management including file buffering, process swapping, and Direct memory Access (DMA) The Virtual Filesystem and the Second Extended Filesystem Process creation and scheduling Signals, interrupts, and the essential interfaces to device drivers Timing Synchronization in the kernel Interprocess Communication (IPC) Program execution Understanding the Linux Kernel, Second Edition will acquaint you with all the inner workings of Linux, but is more than just an academic exercise. You'll learn what conditions bring out Linux's best performance, and you'll see how it meets the challenge of providing good system response during process scheduling, file access, and memory management in a wide variety of environments. If knowledge is power, then this book will help you make the most of your Linux system.

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