

Linux Ubuntu

The best resource on the very latest for Ubuntu users! Ubuntu is a free, open-source, Linux-based operating system that can run on desktops, laptops, netbooks, and servers. If you've joined the millions of users around the world who prefer open-source OS-and Ubuntu in particular-this book is perfect for you. It brings you the very latest on Ubuntu 10.04, with pages of step-by-step instruction, helpful tips, and expert techniques. Coverage Includes: The Ubuntu Linux Project Installing Ubuntu Installing Ubuntu on Special-Purpose Systems Basic Linux System Concepts Using the GNOME Desktop Using the Compiz Window Manager Managing E-Mail and Personal Information with Evolution Surfing the Web with Firefox Migrating from Windows Systems Sending and Receiving Instant Messages Using Command-Line Tools Working with Text Files Creating and Publishing Documents Other Office Software: Spreadsheets and Presentations Working with Graphics Working with Multimedia Consumer Electronics and Ubuntu Adding, Removing, and Updating Software Adding Hardware and Attaching Peripherals Network Configuration and Security Going Wireless Software Development on Ubuntu Using Virtual Machines and Emulators Connecting to Other Systems File Transfer and Sharing Managing Users, Groups, and Authentication Backing Up and Restoring Files Setting Up a Web Server Setting Up a Mail Server Setting Up a DHCP Server Setting Up a DNS Server Setting Up a Print

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Server Setting Up an NFS Server Up a Samba Server Updating your Ubuntu? Ubuntu Linux Bible, Third Edition, is the book you need to succeed!

Everything you need to know—and then some! It's the fastest-growing, coolest Linux distribution out there, and now you can join the excitement with this information-packed guide. Want to edit graphics? Create a spreadsheet? Manage groups? Set up an NFS server? You'll learn it all and more with the expert guidance, tips, and techniques in this first-ever soup-to-nuts book on Ubuntu. From the basics for newcomers to enterprise management for system administrators, it's what you need to succeed with Ubuntu. Master the fundamentals for desktop and networks Send e-mail, share files, edit text, and print Download music, watch DVDs, and play games Use Ubuntu on laptops, go wireless, or synch it with your PDA Set up Web, mail, print, DNS, DHCP, and other servers Manage groups and secure your network What's on the CD-ROM? Test-drive Ubuntu on your computer without changing a thing using the bootable Ubuntu Desktop Live CD included with this book. If you decide to install it permanently, a simple, easy-to-use installer is provided. Also on the CD, you'll find: Popular open-source software for Microsoft(r) Windows(r), such as AbiWord, Firefox(r), GIMP, and more An easy-to-use application that simplifies installing these programs on your Microsoft Windows system System Requirements: Please see the "About the CD-ROM Appendix" for details and complete system requirements. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

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The best reference for Ubuntu Linux Ubuntu Linux is a popular, powerful, and versatile operating system. Now you can get the most out of everything Ubuntu Linux has to offer with the Ubuntu Linux Bible. This complete and comprehensive guide introduces you to Ubuntu and shows you how to use it to its fullest, whether you're a typical desktop user or a system administrator. You'll learn to do everything from reading email to configuring wireless networks. You'll reap huge rewards from this book, regardless of how much prior experience you have with Ubuntu. Get started with Ubuntu Linux and see what's in the newest version (20.04) Learn how to read emails, surf the web, and create and publish documents Take on system administration tasks, like creating and managing users and adding new disks to the system Discover how to use Ubuntu Linux in an enterprise or personal environment Figure out how to set up Ubuntu Linux servers for the web, email, shared printing, and more Find out why Ubuntu Linux is the most popular Linux operating system in the world

Explore the potential of Ubuntu 20.04 to manage your local machine and external servers with easeKey Features* Learn how to install Ubuntu on a clean disk drive and with the network installer* Find out how to set up a firewall to protect your system from vulnerable attacks* Explore file-sharing services such as Samba and NFS to share files from Ubuntu to third-party systemsBook DescriptionUbuntu is undeniably one of the most highly regarded and widely used Debian-based Linux distributions available today. Thanks to its ease of use and reliability, Ubuntu has a loyal following of Linux users and

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an active community of developers. Ubuntu 20.04 Essentials is designed to take you through the installation, use, and administration of the Ubuntu 20.04 distribution in detail. For beginners, the book covers topics such as operating system installation, the basics of the GNOME desktop environment, configuring email and web servers, and installing packages and system updates. Additional installation topics such as dual booting with Microsoft Windows are also covered along with crucial security topics such as configuring a firewall and user and group administration. For the experienced user, the book delves into topics such as remote desktop access, the Cockpit web interface, logical volume management (LVM), disk partitioning, and swap management. Further, it also explores KVM virtualization, Secure Shell (SSH), Linux containers, and file sharing using both Samba and NFS to provide a thorough overview of this enterprise-class operating system.

What you will learn*

- Get to grips with the process of installing and booting Ubuntu*
- Configure SSH key-based authentication on Ubuntu*
- Create KVM virtual machines using Cockpit and the Virtual Machine Manager (VMM)*
- Install, run, and manage containers on Ubuntu*
- Send and receive emails using a third-party SMTP relay server*
- Add a new disk to an Ubuntu volume group and logical volume

Who this book is for

If you are into network engineering or system administration or are a Linux enthusiast looking to get hands-on with Ubuntu 20.04 to manage local and virtual machines, this book is for you. A solid understanding of basic Linux commands and knowledge of Ubuntu is recommended.

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Beginning Ubuntu Linux: From Novice to Professional, Third Edition is the update to the best-selling first book introducing Ubuntu Linux. Adapted from Keir Thomas' best-selling "Beginning SUSE Linux: From Novice to Professional" (Apress, 2005), Keir sets out to guide readers through the most commonly desired yet confusing concepts and tasks confronted by new Linux users. Purposely focused on end users to satisfy the growing interest in migrating away from windows to the increasingly mature Linux desktop platform, Beginning Ubuntu Linux serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

Bring yourself up to date on everything you need to know about Ubuntu Linux The Ubuntu Linux Bible covers all of the latest developments in version 8.10 and 8.04, including tips for newcomers as well as expert guidance for seasoned system administrators. Learn about topics like the Gnome Desktop, the Bash shell, virtual machines, wireless networking, file sharing, and more. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

??? Explore Ubuntu OS ??? You've probably used Windows OS; maybe you've used MacOS. But Linux? Linux has been around for years, but it's still relatively unused by the masses. This isn't to say it isn't powerful. Some argue that it's more powerful than any OS out there. This book will cover arguably the most popular version of Linux: Ubuntu. You'll learn about: Installing Ubuntu Where things are An overview of the core

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features An overview of the software Using Ubuntu Utilities Using Ubuntu settings And more The book is intended for beginners who have never used Ubuntu or are still considering whether or not they want to download it.

Provides information on using Ubuntu Linux from the command line, covering such topics as using the shell, working with files, backing up data, accessing network resources, and handling remote system administration.

If you have always wanted to learn Linux but are still afraid to do so, this book is for you! A lot of people think of Linux as a sophisticated operating system that only hackers and geeks know how to use, and thus they abort their dream of learning Linux. Well, let me surprise you! Linux is simple and easy to learn, and this book is the ultimate proof! You may have stumbled across a variety of sources that all explain Linux in a complicated and dry manner. This book does exactly the opposite; it teaches you Linux in a delightful and friendly way so that you will never get bored, and you will always feel motivated to learn more. Learn Linux Quickly doesn't assume any prior Linux knowledge, which makes it a perfect fit for beginners. Nevertheless, intermediate and advanced Linux users will still find this book very useful as it goes through a wide range of topics. Learn Linux Quickly will teach you the following topics: · Installing Linux · Over 116 Linux Commands · User and Group Management · Linux Networking Fundamentals · Bash Scripting · Automate Boring Tasks with Cron Jobs · Create your Own Linux Commands · Linux Disk Partitioning and LVM · Finding Files on Linux ·

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Understanding File Permissions · Linux Processes And much more! There is no time to waste here! Learn Linux Quickly and kick start your Linux career today!

Ubuntu Server is a complete, free server operating system that just works, with the extra Ubuntu polish, innovation, and simplicity that administrators love. Now, there's a definitive, authoritative guide to getting up-and-running quickly with the newest, most powerful versions of Ubuntu Server. Written by leading members of the Ubuntu community, The Official Ubuntu Server Book covers all you need to know to make the most of Ubuntu Server, whether you're a beginner or a battle-hardened senior system administrator. The authors cover Ubuntu Server from start to finish: installation, basic administration and monitoring, security, backup, troubleshooting, system rescue, and much more. They walk through deploying each of the most common server applications, from file and print services to state-of-the-art, cost-saving virtualization. In addition, you'll learn how to Make the most of Ubuntu Server's latest, most powerful technologies Discover easy, fast ways to perform key administration tasks Automate Ubuntu installs, no matter how many servers you're installing Quickly set up low-cost web servers and email Protect your server with Ubuntu's built-in and optional security tools Minimize downtime with fault tolerance and clustering Master proven, step-by-step server and network troubleshooting techniques Walk through rescuing an Ubuntu server that won't boot

More than 50 percent new and revised content for today's Linux environment gets you

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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.

Ubuntu Unleashed 2021 Edition is filled with unique information for everyone who wants to make the most of the Ubuntu Linux operating system, including the latest in Ubuntu mobile development. This new edition has been thoroughly updated by a long-time Ubuntu community leader to reflect the new Ubuntu 20.04 and the forthcoming Ubuntu 20.10 and 21.04 releases. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 20.04 installation, configuration, productivity, multimedia, development, system administration, server operations, networking, virtualization, security, DevOps, and more - including intermediate-to-advanced techniques you won't find in any other book. Helmke introduces Ubuntu's key

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productivity and Web development tools, programming languages, hardware support, and more. You'll find new and improved coverage of Ubuntu's Unity interface, various types of servers, software repositories, database options, virtualization and cloud services, development tools, monitoring, troubleshooting, Ubuntu's push into mobile and other touch screen devices, and much more. The companion DVD includes the full Ubuntu 20.04 distribution as well as the complete LibreOffice office suite and hundreds of additional programs and utilities. Ubuntu Unleashed provides detailed information on how to... Configure and customize the Unity desktop Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and run Ubuntu from the command line Automate tasks and use shell scripting Provide secure remote access and configure a secure VPN Manage kernels and modules Administer file, print, email, proxy, LDAP, DNS, and HTTP servers (Apache, Nginx, or alternatives) Learn about new options for managing large numbers of servers Work with databases (both SQL and the newest NoSQL alternatives) Get started with virtualization Build a private cloud with Juju and Charms Learn the basics about popular programming languages including Python, PHP, Perl, and new alternatives such as Go and Rust Learn about Ubuntu's work toward usability on touch-screen and phone devices

Full of tips, tricks, and helpful pointers, this is a hands-on, project-based guide to Ubuntu, a completely free Linux operating system. The authors tackle topics of interest

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to the everyday user, such as customizing the desktop, installing programs, and playing audio and video.

The everyday Linux user can easily get overwhelmed by the complexity of the new software that exists when creating an Ubuntu system. This book covers the basics of creating a new system from scratch and explains what software is installed. You'll take a tour of installing the Ubuntu Linux distribution system in most environments, including nontraditional situations such as dual-boot and text-based installations. Plus, clear explanations of each of the installed applications show you how to get the most out of each application, rather than simply using them as they exist.

This manual serves as to introductory lesson about Linux - Ubuntu for those who have never used or tried this operating system before. It cover all the basic procedures that one should know such as cover all the basic procedures that one should know such as creating a new folder, how to save files and other basic settings that one should know when using this operating system.

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

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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. This edition is the update to the best-selling first edition introducing Ubuntu Linux. Adapted from the best-selling first edition, this book guides readers through the most commonly desired yet confusing concepts and tasks confronted by new Linux users. The book is purposely focused on end users to satisfy the growing interest in migrating away from Windows to the increasingly mature Linux desktop platform. This book includes a DVD containing the latest version of Ubuntu and hundreds of useful applications. The book serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

This updated bestseller from Linux guru Chris Negus is packed with an array of new and revised material As a longstanding bestseller, Ubuntu Linux Toolbox has taught you how to get the most out of Ubuntu, the world's most popular Linux distribution. With this anticipated new edition, Christopher Negus returns with a host of new and expanded coverage on tools for managing file systems, ways to connect to networks, techniques for securing Ubuntu systems, and a look at the latest Long Term Support (LTS) release of Ubuntu, all aimed at getting you up and running with Ubuntu Linux quickly. Covers installation, configuration, shell primer, the desktop, administrations, servers, and security Delves into coverage of popular applications for

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the web, productivity suites, and e-mail Highlights setting up a server (Apache, Samba, CUPS) Boasts a handy trim size so that you can take it with you on the go Ubuntu Linux Toolbox, Second Edition prepares you with a host of updated tools for today's environment, as well as expanded coverage on everything you know to confidently start using Ubuntu today.

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"

Presents more than 130 Ubuntu tasks and techniques, including adding applications,

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configuring removable drives and media, developing spreadsheets, playing CDs and videos, setting up an email account, and creating and editing documents.

This sixth edition of Beginning Ubuntu Linux introduces all of us—newbies, power users and system administrators—to the Natty Narwhal Ubuntu release. Based on the bestselling fifth edition, this edition introduces the new Unity interface while not neglecting the finely-tuned administration techniques for new users present in previous editions. Whether you aim to use it in the home or in the office, you'll be introduced to the complete world of Ubuntu Linux, from simple word processing to using cloud services. You'll learn how to control the Ubuntu system which you just installed as you are guided through common tasks, such as configuring the system's graphical user interface, listening to audio CDs and MP3s, producing documents, using VoIP and chat, and of course, general system maintenance. Emilio also introduces the improved software center and Ubuntu's multitouch capabilities. This book supplies a series of comprehensive tutorials on Ubuntu administration and security—essential for any Ubuntu user—while not neglecting matters pertaining to office applications and the Cloud.

Ubuntu Linux--the most popular Linux distribution on the planet--preserves the spirit embodied in the ancient African word ubuntu, which means both "humanity to others" and "I am what I am because of who we all are." Ubuntu won the Linux Journal Reader's Choice Award for best Linux distribution and is consistently the top-ranked Linux variant on DistroWatch.com. The reason this distribution is so widely popular is that Ubuntu is designed to be useful, usable, customizable, and always available for free worldwide. Ubuntu Hacks is your one-stop source for all of the community knowledge you need to get the most out of Ubuntu: a collection of 100 tips and tools to help new and experienced Linux users install, configure, and customize

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Ubuntu. With this set of hacks, you can get Ubuntu Linux working exactly the way you need it to. Learn how to: Install and test-drive Ubuntu Linux. Keep your system running smoothly Turn Ubuntu into a multimedia powerhouse: rip and burn discs, watch videos, listen to music, and more Take Ubuntu on the road with Wi-Fi wireless networking, Bluetooth, etc. Hook up multiple displays and enable your video card's 3-D acceleration Run Ubuntu with virtualization technology such as Xen and VMware Tighten your system's security Set up an Ubuntu-powered server Ubuntu Hacks will not only show you how to get everything working just right, you will also have a great time doing it as you explore the powerful features lurking within Ubuntu. "Put in a nutshell, this book is a collection of around 100 tips and tricks which the authors choose to call hacks, which explain how to accomplish various tasks in Ubuntu Linux. The so called hacks range from down right ordinary to the other end of the spectrum of doing specialised things...More over, each and every tip in this book has been tested by the authors on the latest version of Ubuntu (Dapper Drake) and is guaranteed to work. In writing this book, it is clear that the authors have put in a lot of hard work in covering all facets of configuring this popular Linux distribution which makes this book a worth while buy." -- Ravi Kumar, Slashdot.org

This book guides you through all of the key configuration and administration tasks you'll need to know to quickly deploy and manage the Ubuntu Server distribution. Whether you're interested in adopting Ubuntu within a Fortune 500 environment or just want to use Ubuntu to manage your home network, this book is your go-to guide to using the distribution securely for a wide variety of network services. Topics include file, print, web, and FTP management, command-line tips and tricks, automated installation, configuration and deployment processes,

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and kernel management.

So you've decided to find out about Linux. Who better to fill you in than PC Magazine? If you can imagine something you'd like your computer to do, you can probably do it with versatile, economical, powerful Linux. Here's how to tap that power, from installation to Linux desktop environments to getting things done. The accompanying CD-ROM gives you everything you need to get started, and with the dual boot option, you don't even have to give up the familiar comfort of Windows in order to try it out. What are you waiting for? If Linux is free, why is it sold? What's open source? Is Linux the same as Unix? What do abbreviations like GNU, GNOME, and KDE mean? Why are there so many versions of one operating system? Isn't Linux just for hackers and geeks? Find the answers here! A few of the things you'll learn The differences in the various Linux distributions and which is right for you How to install Linux, even if you've never installed an operating system All about the GNOME and KDE desktops How the unique Linux terminal works Ways to back up data, add and remove software, and manage your Internet connection Secrets of security for Linux systems The scoop on servers- Apache, Postfix, and Squid Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Ubuntu Linux is the fastest growing Linux-based operating system, and *Beginning Ubuntu Linux, Fifth Edition* teaches all of us—including those who have never used Linux—how to use it productively, whether you come from Windows or the Mac or the world of open source. *Beginning Ubuntu Linux, Fifth Edition* shows you how to take advantage of Lucid Lynx. Based on the best-selling previous edition, Emilio Raggi maintains a fine balance between teaching Ubuntu and introducing new features. Whether you aim to use it in the home or in the office,

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you'll be introduced to the world of Ubuntu Linux, from simple word processing to using cloud services. You'll learn how to control the Ubuntu system, which you just installed from the book's DVD, as you are guided through common tasks such as configuring the system's graphical user interface (GUI), listening to audio CDs and MP3s, producing documents, using VoIP and chat, and of course, general system maintenance. This book also supplies a series of comprehensive tutorials on Ubuntu administration and security—essential for any Ubuntu user—while not neglecting matters pertaining to office applications and the cloud.

This book covers the Ubuntu 19.04 (Disco Dingo) release, focusing on applications and administrative tools. The emphasis here is on what users will face when using Ubuntu, covering topics like installation, applications, software management, the Ubuntu desktops (GNOME, MATE, and KDE), shell commands, network connections, and system administration tasks. There are four parts: Getting Started, Applications, Desktops, and Administration. Part 1 focuses on getting started, covering Ubuntu information and resources, using Ubuntu Live DVD/USB discs, installing and setting up Ubuntu, upgrading Ubuntu, basic use of the desktop interface, and connecting to wired and wireless networks. Ubuntu Software and Synaptic Package manager, which provides easy and effective software management, are both discussed. Part 2 keys in on office, multimedia, mail, Internet, and social media applications. Part 3 covers the Ubuntu, Kubuntu, Ubuntu MATE, Xubuntu, and Lubuntu desktops. as well as the BASH shell. The Ubuntu desktop with the GNOME interface is examined in detail.. Part 4 deals with administration topics, first discussing system tools like the GNOME system monitor, the Disk Usage Analyzer, and Disk Utility. Then a detailed chapter on Ubuntu system administration tools is presented, covering tasks such as managing users and file systems,

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Bluetooth setup, network folder sharing, backups, and printing. The network connections chapter covers a variety of network tasks, including manual configuration of wired and wireless connections, and firewalls.

Quickly learn how to use Ubuntu, the fastest growing Linux distribution, in a personal or enterprise environment Whether you're a newcomer to Linux or an experienced system administrator, the Ubuntu Linux Bible provides what you need to get the most out of one the world's top Linux distributions. Clear, step-by-step instructions cover everything from installing Ubuntu and creating your desktop, to writing shell scripts and setting up file sharing on your network. This up-to-date guide covers the latest Ubuntu release with long-term support (version 20.04) as well as the previous version. Throughout the book, numerous examples, figures, and review questions with answers ensure that you will fully understand each key topic. Organized into four parts, the book offers you the flexibility to master the basics in the "Getting Started with Ubuntu Linux" section, or to skip directly to more advanced tasks. "Ubuntu for Desktop Users" shows you how to setup email, surf the web, play games, and create and publish documents, spreadsheets, and presentations. "Ubuntu for System Administrators" covers user administration, system backup, device management, network configuration, and other fundamentals of Linux administration. The book's final section, "Configuring Servers on Ubuntu," teaches you to use Ubuntu to support network servers for the web, e-mail, print services, networked file sharing, DHCP (network address management), and DNS (network name/address resolution). This comprehensive, easy-to-use guide will help you: Install Ubuntu and create the perfect Linux desktop Use the wide variety of software included with Ubuntu Linux Stay up to date on recent changes and new versions of Ubuntu

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Create and edit graphics, and work with consumer IoT electronic devices Add printers, disks, and other devices to your system Configure core network services and administer Ubuntu systems Ubuntu Linux Bible is a must-have for anyone looking for an accessible, step-by-step tutorial on this hugely popular Linux operating system.

Provides information on using the latest Ubuntu release, covering such topics as installation, customizing the GNOME panel, installing applications, using printers and scanners, connecting to the Internet, using multimedia, and security.

A guide to Ubuntu covers such topics as installation, configuration, the filesystem, the command line, system maintenance and security, networking, using OpenOffice.org, Web browsing, and playing games.

The Most Complete, Easy-to-Follow Guide to Ubuntu Linux The #1 Ubuntu server resource, fully updated for Ubuntu 10.4 (Lucid Lynx)-the Long Term Support (LTS) release many companies will rely on for years! Updated JumpStarts help you set up Samba, Apache, Mail, FTP, NIS, OpenSSH, DNS, and other complex servers in minutes Hundreds of up-to-date examples, plus comprehensive indexes that deliver instant access to answers you can trust Mark Sobell's A Practical Guide to Ubuntu Linux®, Third Edition, is the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu, and also offers comprehensive coverage of servers--critical for anybody interested in unleashing the full power of Ubuntu. This edition has been fully updated for Ubuntu 10.04 (Lucid Lynx), a milestone Long Term Support (LTS) release, which Canonical will support on desktops until 2013 and on servers until 2015. Sobell walks you through every essential feature and technique, from installing Ubuntu to working with GNOME, Samba, exim4, Apache, DNS, NIS, LDAP, g ufw,

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firestarter, iptables, even Perl scripting. His exceptionally clear explanations demystify everything from networking to security. You'll find full chapters on running Ubuntu from the command line and desktop (GUI), administrating systems, setting up networks and Internet servers, and much more. Fully updated JumpStart sections help you get complex servers running--often in as little as five minutes. Sobell draws on his immense Linux knowledge to explain both the "hows" and the "whys" of Ubuntu. He's taught hundreds of thousands of readers and never forgets what it's like to be new to Linux. Whether you're a user, administrator, or programmer, you'll find everything you need here--now, and for many years to come. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Hundreds of easy-to-use Ubuntu examples Important networking coverage, including DNS, NFS, and Cacti Coverage of crucial Ubuntu topics such as sudo and the Upstart init daemon More detailed, usable coverage of Internet server configuration, including Apache (Web) and exim4 (email) servers State-of-the-art security techniques, including up-to-date firewall setup techniques using gufw and iptables, and a full chapter on OpenSSH A complete introduction to Perl scripting for automated administration Deeper coverage of essential admin tasks--from managing users to CUPS printing, configuring LANs to building a kernel Complete instructions on keeping Ubuntu systems up-to-date using aptitude, Synaptic, and the Software Sources window And much more...including a 500+ term glossary Includes DVD! Get the full version of Lucid Lynx, the latest Ubuntu LTS release!

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A guide to Ubuntu Linux covers such topics as installation, the desktop, utilities, the shell, networking, system administration, the Linux kernel, CUPS, DNS, OpenSSH, Samba, and

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Apache.

Entre los usuarios de computadores existe la opinión, más o menos extendida, de que el uso de GNU/Linux es dificultoso o incómodo. Igualmente, hay quien piensa que es un sistema operativo sólo para informáticos e, incluso, que no aporta ninguna ventaja a un usuario medio, acostumbrado al uso del sistema operativo dominante en el mercado del PC de escritorio. En la actualidad, y gracias a iniciativas como el proyecto Ubuntu, estas opiniones han perdido gran parte de su fundamento, y sólo pueden basarse en antiguos tópicos o mensajes puramente comerciales. El principal objetivo de este libro es demostrar que Ubuntu es una distribución madura de GNU/Linux, lista para cualquier usuario medio de PC, y con grandes ventajas para el mismo. El otro objetivo de esta obra es transmitir al lector los conocimientos y, sobretodo, la curiosidad, necesarios para que se anime a utilizar este excelente sistema operativo, experimentando las bondades del Software Libre en una de sus más interesantes manifestaciones. En los quince capítulos de que consta el volumen que Ud. tiene en sus manos, se analiza esta distribución: el proyecto del que nace, se hace un repaso del software que incluye y se comentan aspectos relacionados con los diferentes 'sabores' que podemos encontrar de Ubuntu: Kubuntu, Xubuntu, Server Edition, etc. Covering all the essential components of Unix/Linux, including process management, concurrent programming, timer and time service, file systems and network programming, this textbook emphasizes programming practice in the Unix/Linux

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environment. Systems Programming in Unix/Linux is intended as a textbook for systems programming courses in technically-oriented Computer Science/Engineering curricula that emphasize both theory and programming practice. The book contains many detailed working example programs with complete source code. It is also suitable for self-study by advanced programmers and computer enthusiasts. Systems programming is an indispensable part of Computer Science/Engineering education. After taking an introductory programming course, this book is meant to further knowledge by detailing how dynamic data structures are used in practice, using programming exercises and programming projects on such topics as C structures, pointers, link lists and trees. This book provides a wide range of knowledge about computer system software and advanced programming skills, allowing readers to interface with operating system kernel, make efficient use of system resources and develop application software. It also prepares readers with the needed background to pursue advanced studies in Computer Science/Engineering, such as operating systems, embedded systems, database systems, data mining, artificial intelligence, computer networks, network security, distributed and parallel computing.

Get ready to master the basics and beyond with this in-depth guide to Linux. You'll discover how Linux is productive enough to use as your only desktop system and powerful enough to run entire corporate enterprise installations. Plus, you'll walk through 16 different Linux distributions, find step-by-step instructions, be introduced to

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new programming tools, and tap into the world of free software, all aimed at helping you succeed with Linux. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Discover Ubuntu, Today's Hottest Linux Everyone's talking about Ubuntu—it's not just 100% free, it's the most useful, practical desktop Linux ever! Now, Linux expert Marcel Gagné reveals Ubuntu's amazing power and helps you migrate from Windows faster than you ever thought possible. Moving to Ubuntu Linux will teach you how to do virtually anything with Ubuntu—write documents, create spreadsheets, surf the Web, use email, listen to music, watch movies, and play games. Install Ubuntu fast, with easy, step-by-step instructions Take control, with the GNOME desktop environment and Nautilus file manager Browse the Internet using Firefox, the powerful browser that's quickly replacing Microsoft Internet Explorer Find and install all the software you'll ever need, with Ubuntu's powerful Synaptic package manager Send email, track contacts, create calendars, and manage all your personal information with Evolution Organize digital photos, rip music, burn and play CDs, watch movies, create graphics, and more Discover the world of Linux games, and learn how to run Windows games on your Ubuntu PC Set up an efficient, convenient network for your home or small business Customize your desktop so it's perfectly comfortable and totally efficient

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