

Ubuntu Guides

The Official Ubuntu Server Guide contains information on how to install and configure various server applications on your Ubuntu system to fit your needs. It is a step-by-step, task-oriented guide for configuring and customizing your system.

The official "Fedora 14 Security Guide" is designed to assist users of Fedora, a Linux distribution built on free and open source software, in learning the processes and practices of securing workstations and servers against local and remote intrusion, exploitation, and malicious activity.

The official "Ubuntu 10.04 LTS Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs.

A guide to Ubuntu Linux covers such topics as installation, the desktop, utilities, the shell, X and GNOME, networking, system administration, the Linux kernel, OpenSSH, Samba, and Apache.

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 Mark Sobell's A Practical Guide to Ubuntu Linux®, Second Edition, isn't just the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu. It also provides comprehensive server coverage you won't find in any other Ubuntu book. The fully updated JumpStart sections help you get complex servers running quickly. Whatever your questions may be, the completely revamped index gives you even faster access to the answers you're searching for. And a brand new chapter on Perl programming teaches you the basics of this powerful system administration language. Sobell walks you through every feature and technique you'll need, from installing Ubuntu to working with GNOME, Samba, exim4, Apache, DNS, NIS, LDAP, ufw, firestarter, and iptables. His exceptionally clear explanations demystify everything from system security to Windows file/printer sharing. You'll find full chapters on running Ubuntu from the command line and GUI, administering systems and security, setting up networks and Internet servers, and much more. Along the way, you'll learn both the "hows" and the "whys" of Ubuntu. Sobell knows every Linux nook and cranny: 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, this book gives you all you need—and more. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Hundreds of easy-to-follow, easy-to-use examples Updated JumpStarts for setting up Samba, Apache, Mail, FTP, NIS, OpenSSH, DNS, and other complex servers Deeper coverage of the command line, GNOME GUI, and desktop customization Coverage of crucial Ubuntu topics such as sudo and the Upstart init daemon More detailed, usable coverage of Internet server configuration, including Apache, exim4, and DNS/BIND More state-of-the-art security techniques, including firewall setup using ufw, firestarter, and iptables, plus a full chapter on OpenSSH Deeper coverage of essential system and network administration 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 and five detailed appendixes

Includes DVD! Get the full version of the Ubuntu 8.10 (Intrepid Ibex) release!

The Official Ubuntu Desktop Guide contains information on how to using Ubuntu in a desktop environment.

The official "Ubuntu 11.04 Server Guide" contains information on how to install and configure various server applications on your Ubuntu system to fit your needs.

The official "Ubuntu 11.04 Unity Desktop Guide" contains information on how to using Ubuntu in a desktop environment (Unity desktop).

This book is designed as an Ubuntu 18.04 LTS Server administration and reference source, covering the Ubuntu servers and their support applications. Server tools are covered as well as the underlying configuration files and system implementations. The emphasis is on what administrators will need to know to perform key server support and management tasks. Coverage of the systemd service management system is integrated into the book. Topics covered include software management, systemd service management, systemd-networkd and Netplan network configuration, AppArmor security, OpenSSH, the Chrony time server, and Ubuntu cloud services. Key servers are examined, including Web, FTP, CUPS printing, NFS, and Samba Windows shares. Network support servers and applications covered include the Squid proxy server, the Domain Name System (BIND) server, DHCP, distributed network file systems, IPtables firewalls, and cloud computing. The book is organized into five parts: getting started, services, shared resources, network support, and shells.

The official "Ubuntu 10.10 Desktop Guide" contains information on how to using Ubuntu in a desktop environment.

Explore the potential of Ubuntu 20.04 to manage your local machine and external servers with ease
Key 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 systems
Book

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 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.

The official "Fedora 13 Security Guide" is designed to assist users of Fedora, a Linux distribution built on free and open source software, in learning the processes and practices of securing workstations and servers against local and remote intrusion, exploitation, and malicious activity.

Arguably one of the most highly regarded and widely used enterprise level operating systems available today is the Ubuntu 20.04 distribution. Not only is it considered to be among the most stable and reliable operating systems, it is also backed by the considerable resources and technical skills of Canonical, Ltd. Ubuntu 20.04 Essentials is designed to provide detailed information on the installation, use and administration of the Ubuntu 20.04 distribution. 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, together with all important security topics such as configuring a firewall and user and group administration. For the experienced user, topics such as remote desktop access, the Cockpit web interface, logical volume management (LVM), disk partitioning, swap management, KVM virtualization, Secure Shell (SSH), Linux Containers and file sharing using both Samba and NFS are covered in detail to provide a thorough overview of this enterprise class operating system.

The official "Ubuntu 11.04 Installation Guide" contains installation instructions for the Ubuntu 11.04 system (codename "Natty Narwhal").

The official "Ubuntu 10.04 LTS Desktop Guide" contains information on how to using Ubuntu in a desktop environment.

This book covers the Ubuntu 18.04 LTS (Bionic Beaver) 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 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, Ubuntu Cinnamon, Xubuntu, and Lubuntu desktops, as well as the BASH shell. The Ubuntu desktop with the GNOME interface is examined in detail. Ubuntu GNOME uses a Dock and a Dash (dashboard) to manage access to applications and devices. Part 4 deals with administration topics, first discussing system tools like the GNOME system monitor, the Disk Usage Analyzer, and Disk Utility (Udisks). Then a detailed chapter on Ubuntu system administration tools is presented, covering tasks such as managing users and file systems, 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 (the Gufw and FirewallD).

The Fedora 13 SELinux user guide is for people with minimal or no experience with SELinux. ... This guide provides an introduction to fundamental concepts and practical applications of SELinux. After reading this guide you should have an intermediate understanding of SELinux--P. 8.

The Ubuntu Beginner's Guide gives users new to Ubuntu Linux an overview of the operating system, from simple command-line tasks to advanced server configuration. In the Guide, you'll learn how to: -Use the Ubuntu command line.-Manage users, groups, and file permissions.-Install software on a Ubuntu system, both from the command line, the GUI, and using the Snappy application management system.-Configure network settings.-Use the vi editor to edit system configuration files.-Install and configure a Samba server for file sharing.-Install SSH for remote system control using public key/private key encryption.-Install a LAMP server.-Install web applications like WordPress and Drupal.-Configure an FTP server.-Manage ebooks.-Convert digital media.-Manage and configure GNOME Shell, the new default Ubuntu environment.-Manage and configure Unity, the old default Ubuntu environment.-Manage and halt processes from the command line.-Set up both a VNC server and a client-And many other topics

Ubuntu Unleashed is filled with unique and advanced information for everyone who wants to make the most of the Ubuntu Linux operating system. This new edition has been thoroughly revised and updated by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 11.10 ("Oneiric Ocelot") and the forthcoming Ubuntu 12.04. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 11.10/12.04 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 presents up-to-the-minute introductions to Ubuntu's key productivity and Web development tools, programming languages, hardware support, and more. You'll find brand-new coverage of the new Unity desktop, new NoSQL database support and Android mobile development tools, and many other Ubuntu 11.10/12.04 innovations. Whether you're new to Ubuntu or already a power user, you'll turn to this book constantly: for new techniques, new solutions, and new ways to do even more with Ubuntu! Matthew Helmke served from 2006 to 2011 on the Ubuntu Forum Council, providing leadership and oversight of the Ubuntu Forums, and spent two years on the Ubuntu regional membership approval board for Europe, the Middle East, and Africa. He has written about Ubuntu for several magazines and websites, is a lead author of The Official Ubuntu Book. He works for The iPlant Collaborative, which is funded by the National Science Foundation and is building cyberinfrastructure for the biological sciences to support the growing use of massive amounts of data and computationally intensive forms of research. Quickly install Ubuntu, configure it, and get your hardware running right Configure and customize the new Unity desktop (or alternatives such as GNOME) Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and use Ubuntu from the command line Automate tasks and use shell

scripting Provide secure remote access Manage kernels and modules Administer file, print, email, proxy, LDAP, and database services (both SQL and NoSQL) Use both Apache and alternative HTTP servers Support and use virtualization Use Ubuntu in cloud environments Learn the basics about popular programming languages including Python, PHP, and Perl, and how to use Ubuntu to develop in them Learn how to get started developing Android mobile devices Ubuntu 11.10 on DVD DVD includes the full Ubuntu 11.10 distribution for Intel x86 computers as well as the complete LibreOffice office suite and hundreds of additional programs and utilities. Free Upgrade! Purchase this book anytime in 2012 and receive a free Ubuntu 12.04 Upgrade Kit by mail (U.S. or Canada only) after Ubuntu 12.04 is released. See inside back cover for details.

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, 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!

The official "Ubuntu 10.04 LTS Packaging Guide" is primarily addressed to those who would like to make and maintain Ubuntu packages. Although many of the concepts in this guide could be used to make binary packages for personal use, it is designed for those people wanting to distribute their packages to and for others.

Want to use Ubuntu without having to learn the command line? Then this is the book for you! THE UBUNTU DESKTOP BEGINNER'S GUIDE will show you how to use the Ubuntu desktop interface and perform common tasks with the operating system. In the guide, you'll learn how to: -Install Ubuntu. -Install the latest updates for Ubuntu. -Configure and use Ubuntu's Unity environment. -Master the Launcher, the Dash, and the Heads-Up Display. -Create and

manage user accounts. -Manage files and folders. -Set up automated backups. -Use email from Ubuntu. -Manage removable media like USB hard drives and flash drives. -Use wired networks. -Use wireless networks. -Find applications and install them using Ubuntu Software Center. -Listen to music. -Watch video.

The official "Ubuntu 11.04 Classical Desktop Guide" contains information on how to using Ubuntu in a desktop environment (Classical desktop).

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. The book serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

"A great resource covering Ubuntu from A to Z without all the extra fluff" -- Ryan Troy, administrator, Ubuntuforums.org. Read by over 500,000 people, Ubuntu Pocket Guide and Reference is the world's most popular Ubuntu book. Written by award-winning expert Keir Thomas, it will quickly transform you into a power user. In its clear and concise pages, you'll learn step-by-step about installation, the Ubuntu desktop, the tricks and techniques of efficient day-to-day usage, the command-line, software management, and, finally, system security. Appendixes provide a glossary of terms, and a guide to technical documentation.

The Official Ubuntu Packaging Guide is primarily addressed to those who would like to make and maintain Ubuntu packages. Although many of the concepts in this guide could be used to make binary packages for personal use, it is designed for those people wanting to distribute their packages to and for others.

Ubuntu is becoming the preferred distribution in the Linux community with more than 8 million users The exam is available worldwide through both Prometric and VUE testing centers 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"

Want to learn a new skill? Expand the technology that you work with? This book covers the basics of understanding how to use Linux. We will use Ubuntu 14.04 LTS to learn multiple fundamentals in using Linux and later will go through the process of creating a web server. 80% of websites are driven by Linux servers. Understanding the basics and expanding upon this will provide great career opportunities and a great skill as well. We start simple and the reader does not need any prior knowledge. We will make baby steps and slowly work ourselves up to configuring the Ubuntu Server to be a functional web server. There will still be

much to learn, but within a few hours you can have your own Linux server setup, understand the basics, and also have WordPress loaded into it. We cover installing packages, creating files in nano, LAMP stack, and try to do so in a practical way so that you can finish this guide with something to show off.

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, 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.

The official "Ubuntu 10.10 Installation Guide" contains installation instructions for the Ubuntu 10.10 system (codename "Maverick Meerkat").

The official "Fedora 13 User Guide" is focused on the end-user looking to accomplish standard desktop computer user tasks, such as browsing the web, reading and sending email, and doing office productivity work.

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

??? 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 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.

The official "Ubuntu 11.04 Packaging Guide" is designed for those people wanting to distribute their packages to and for others.

The official "Fedora 14 Installation Guide" covers installation of Fedora, a Linux distribution built on free and open source software.

The official "Ubuntu 10.10 Server Guide" contains information on how to install and configure

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various server applications on your Ubuntu system to fit your needs.

The official "Ubuntu 10.04 LTS Installation Guide" contains installation instructions for the Ubuntu 10.04 LTS system (codename "Lucid Lynx").

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