

# The Official Ubuntu Book

The Official Ubuntu Book Prentice Hall

Covers 18.04, 18.10, 19.04, and 19.10 Ubuntu Unleashed 2019 Edition 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 updated, including two new chapters, by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 18.04 LTS release, with forthcoming online updates for 18.10, 19.04, and 19.10 when they are released. Linux writer Matthew Helmke covers all you need to know about Ubuntu 18.04 LTS 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 new or improved coverage of the Ubuntu desktop experience, common web servers and software stacks, containers like Docker and Kubernetes, as well as a wealth of systems administration information that is stable and valuable over many years. Configure and use the Ubuntu 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 and cloud deployment, including information about containers Learn the basics about popular programming languages including Python, PHP, Perl, and gain an introduction to new alternatives such as Go and Rust

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Ubuntu Unleashed 2015 Edition is filled with unique and advanced information for everyone who wants to make the most of the Linux-based Ubuntu operating system. This new edition has been thoroughly revised and updated by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 14.10 while including tons of information that will continue to apply to future editions. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 14.10 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 new or 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. 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 Ubuntu 14.10 on DVD DVD includes

the full Ubuntu 14.10 distribution for 64 bit computers (most desktop and notebooks systems today) as well as the complete LibreOffice office suite and hundreds of additional programs and utilities. Free Kick Start Chapter! Purchase this book and receive a free Ubuntu 15.04 Kick Start chapter after Ubuntu 15.04 is released. See inside back cover for details

This month: \* Command & Conquer \* How-To : RTL-SDR Radio, LibreOffice, and Ubuntu Kiosk \* Graphics : Inkscape. \* Linux Labs: Compiling a Kernel Pt 6 and Trying FreeBSD \* Review: Ubuntu Mate 14.10 \* Book Review: Official Ubuntu Book 8th Edition \* Ubuntu Games: X-Plane & FSEconomy, and Unigine Heaven Benchmark plus: News, Arduino, Q&A, and soooo much more.

The free Ubuntu operating system has won the hearts and minds of millions of users worldwide. It combines a strong technical platform, impressive quality, and an enthusiastic global community of users who relentlessly support, document, and test it. The Official Ubuntu Book, Eighth Edition, has been extensively updated with a single goal: to make running today's Ubuntu even more pleasant and productive for you. It's the ideal one-stop knowledge source for Ubuntu novices, those upgrading from older versions or other Linux distributions, and anyone moving toward power-user status. Its expert authors focus on what you need to know most about installation, applications, media, administration, software applications, and much more. You'll discover powerful Unity desktop improvements that make Ubuntu even friendlier and more convenient. You'll also connect with the amazing Ubuntu community and the incredible resources it offers you. Learn how to Reliably install, customize, and update Ubuntu for any home, business, school, or government environment Get up and running quickly, and then explore Ubuntu and download powerful free software Customize Ubuntu for performance, accessibility, and fun Get comfortable with the highly efficient Ubuntu command line Install, administer, and secure Ubuntu Server, including advanced features such as LVM and RAID Get involved with related Ubuntu projects Help build, promote, distribute, support, document, or translate Ubuntu Get up-to-the-minute help and troubleshooting advice from Ubuntu users worldwide

The free Ubuntu operating system has won the hearts and minds of millions of users worldwide. It combines a strong technical platform, impressive quality, and an enthusiastic global community of users who relentlessly support, document, and test it. The Official Ubuntu Book, Ninth Edition, has been extensively updated with a single goal: to make running today's Ubuntu even more pleasant and productive for you. It's the ideal one-stop knowledge source for Ubuntu novices, those upgrading from older versions or other Linux distributions, and anyone moving toward power-user status. Its expert authors focus on what you need to know most about installation, applications, media, administration, software applications, and much more. You'll discover powerful Unity desktop improvements that make Ubuntu even friendlier and more convenient. You'll also connect with the amazing Ubuntu community and the incredible resources it offers you. Learn how to Reliably install, customize, and update Ubuntu for any home, business, school, or government environment Get up and running quickly, and then explore Ubuntu and download powerful free software Customize Ubuntu for performance, accessibility, and fun Get comfortable with the highly efficient Ubuntu command line Install, administer, and secure Ubuntu Server, including advanced features such as LVM and RAID Get involved with related Ubuntu projects Help build, promote, distribute, support, document, or translate Ubuntu Get up-to-the-minute help and troubleshooting advice from Ubuntu users worldwide.

"If you're a developer trying to figure out why your application is not responding at 3 am, you need this book! This is now my go-to book when diagnosing production issues. It has saved me hours in troubleshooting complicated operations problems." –Trotter Cashion, cofounder, Mashion DevOps can help developers, QAs, and admins work together to solve Linux server problems far more rapidly, significantly improving IT performance, availability, and efficiency.



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. 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 and is the lead author of The Official Ubuntu Book. He works for Pearson Education writing technical documentation for educational testing software. 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 Ubuntu 13.10 on DVD DVD includes the full Ubuntu 13.10 distribution for Intel x86 computers as well as the complete LibreOffice office suite and hundreds of additional programs and utilities. Free Kick Start Chapter! Purchase this book and receive a free Ubuntu 14.04 Kick Start chapter after Ubuntu 14.04 is released. See inside back cover for details

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, Third Edition, covers all you need to know to make the most of Ubuntu Server, whether you're a beginner or a battle-hardened senior systems 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 and cloud computing. 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 e-mail 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 Deploy your own Ubuntu servers in the cloud

The world's #1 Ubuntu (and Linux!) book: authorized and promoted by Canonical, and fully updated for the newest release, Ubuntu 10.4 • Everything Ubuntu users need to know to make the most of the brand-new version 10.4 of Ubuntu - from installation through desktop and server capabilities. • Updated server chapter to cover cloud computing and more closely cross reference the official server book. • Co-marketed by Canonical with the official Ubuntu logo and an updated Foreword by Ubuntu project founder Mark Shuttleworth. Ubuntu is the most popular Linux distribution both in the U.S. and throughout the world. Our partnership with Canonical enables us to use their savvy, wellknown branding for the cover of the book, including the logo and cover shot of international users faces in a friendly circle. Authorized and aggressively copromoted by Canonical, The Official Ubuntu Book has consistently been the market's best-selling Ubuntu guide - and it's dominated Amazon's Linux bestseller list for

years. Now, this book has been fully revised to reflect Ubuntu 10.04 This new Fifth Edition contains extensive new coverage, including:

- Updated recipes for performing the most common tasks and solving the most common problems.
- Updated server chapter to cover cloud computing and Armour App, and to more closely cross reference the Official Server book

A guide to the Ubuntu operating system covers such topics as installation, using applications, installing updates, the Ubuntu server, networking, system administration, Kubuntu, and GNOME Shell.

The free Ubuntu operating system has won the hearts and minds of millions of users worldwide. It combines a strong technical platform, impressive quality, and an enthusiastic global community of users who relentlessly support, document, and test it. " The Official Ubuntu Book, Ninth Edition, " has been extensively updated with a single goal: to make running today s Ubuntu even more pleasant and productive for you. It s the ideal one-stop knowledge source for Ubuntu novices, those upgrading from older versions or other Linux distributions, and anyone moving toward power-user status. Its expert authors focus on what you need to know most about installation, applications, media, administration, software applications, and much more. You ll discover powerful Unity desktop improvements that make Ubuntu even friendlier and more convenient. You ll also connect with the amazing Ubuntu community and the incredible resources it offers you. Learn how to Reliably install, customize, and update Ubuntu for any home, business, school, or government environment Get up and running quickly, and then explore Ubuntu and download powerful free software Customize Ubuntu for performance, accessibility, and fun Get comfortable with the highly efficient Ubuntu command line Install, administer, and secure Ubuntu Server, including advanced features such as LVM and RAID Get involved with related Ubuntu projects Help build, promote, distribute, support, document, or translate Ubuntu Get up-to-the-minute help and troubleshooting advice from Ubuntu users worldwide "

Ubuntu is a complete, free operating system that emphasizes ease of use, community, and support while enhancing speed, power, and flexibility. It is designed for everyone from computer novices to experts. This title serves a wide audience: novices who just want to test the waters and give Ubuntu a try, intermediate users, and those who want to take the next step toward becoming power users. It is not intended as a guide to highly technical uses like professional systems administration or programming, although there is some technical material here; the focus is on learning the landscape. New in this edition is deep coverage of the groundbreaking, user-experience-focused Unity desktop, an innovative new style of human—computer interaction that has undergone extensive development and testing to provide powerful, industry-leading usability. In addition, you will Learn how to use and customize Ubuntu for home, small business, school, government, and enterprise environments Learn how to quickly update Ubuntu to new release versions with upgraded applications Find up-to-the-minute troubleshooting advice from Ubuntu users worldwide to get the help you need quickly Learn Ubuntu Server installation and administration, including LVM and RAID implementation The DVD includes the complete Ubuntu Linux operating system for installation on PC platforms. The disk is preconfigured with an outstanding desktop environment for both home and business computing, for novices and advanced users.

Ub>The Official Ubuntu Book, Fifth Edition, will get you up and running quickly. Written by expert, leading Ubuntu community members, this book covers all you need to know to make the most of Ubuntu 10.04, whether you're a home user, small business user, server administrator, or programmer. The authors explain Ubuntu 10.04 from start to finish: installation, configuration, desktop productivity, games, management, support, and much more. Among the many topics covered in this edition: Kubuntu, Ubuntu Netbook Edition, and Ubuntu Server. This complete guide also covers standard desktop applications, from word processing, spreadsheets, Web browsing, e-mail, instant messaging, music, video, and games to software

development, databases, and server applications. In addition, you will Learn how to customize Ubuntu for home, small business, school, government, and enterprise environments Learn how to quickly update Ubuntu to new release versions and upgraded applications Find up-to-the-minute troubleshooting advice from Ubuntu users worldwide from forums and other means to get the help you need quickly Learn Ubuntu Server installation and administration, including LVM and RAID implementation Learn how to install Ubuntu on a netbook The DVD includes the complete Ubuntu Linux operating system for installation on PC platforms. The disk is preconfigured with an outstanding desktop environment for both home and business computing. It can be used to install other complete variants of Ubuntu, including Kubuntu (with the KDE environment), Ubuntu Netbook Edition, and Ubuntu Server.

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The author of this book has done what no other writer wants to hear: These stories make people fall asleep. Publisher Weekly Five stars highly recommended by millions of insomnia and anxious people around the world and Amazon readers! Do you remember the feeling of falling asleep contentedly when you were a child, listening to bedside stories? Why are there no bedside stories to listen to when I grow up? Seeing that many people around him suffer from insomnia, and the author who has taught yoga and mindfulness meditation for many years, he thought of the idea of recording bedside stories for adults.

This book is designed as an Ubuntu 20.04 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.

With scores of step-by-step solutions, this cookbook helps you work with VMware ESXi in a wide range of network environments. You'll not only learn the basics—how to pool resources from hardware servers, computer clusters, networks, and storage, and then distribute them among virtual machines—but also how to overcome the stumbling blocks

you'll encounter when you monitor systems, troubleshoot problems, and deal with security. This expanded second edition covers recent advances in vCloud Director and vShield cloud security. Ideal for system administrators of any level, VMware Cookbook also includes valuable information to help you determine your virtualization needs. Move into the cloud with vCloud Director, and secure virtual datacenters with vSphere Secure and monitor your virtual environment from the command line Manage disk, SSD, and SAN storage implementation and configuration Discover options for managing resources, such as clustering, shares, and hot add/hotplug support Configure logical and physical networks, including virtual switches and software and hardware adapters Make virtual machine replication easier by automating ESXi installations Gain valuable tips for configuration and fine-tuning

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much more. Among the many topics covered in this edition: Edubuntu, Kubuntu, and Ubuntu Server. The Official Ubuntu Book, Fourth Edition, covers standard desktop applications, from word processing, spreadsheets, Web browsing, e-mail, instant messaging, music, video, and games to software development, databases, and server applications. In addition, you will Learn how to customize Ubuntu for home, small business, school, government, and enterprise environments Learn how to quickly update Ubuntu to accommodate new versions and new applications Find up-to-the-minute troubleshooting advice from Ubuntu users worldwide Learn Ubuntu Server installation and administration, including LVM and RAID implementation Learn about how to take advantage of the Ubuntu user forum to get the help you need quickly 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, 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.

A guide to the Ubuntu operating system covers such topics as installation and configuration, productivity applications, the command line, managing users, networking, remote access, security, kernal and module management, FTP, proxying, and Python.

This eBook edition does not provide a DVD of Ubuntu or the upgrade kit. You can download the most current release of Ubuntu from [www.ubuntu.com/download](http://www.ubuntu.com/download). Ubuntu Unleashed 2013 Edition 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 12.10 (“Quantal Quetzal”) and the forthcoming Ubuntu 13.04. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 12.10/13.04 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 new or improved coverage of navigation via Unity Dash, wireless networking, VPNs, software repositories, new NoSQL database options, virtualization and cloud services, new programming languages and development tools, monitoring, troubleshooting, and more. Configure and customize the Unity desktop and make the most of the Dash Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and run Ubuntu from the command line (with added coverage of stdin, stdout, stderr, redirection, and file comparison)

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, and HTTP servers (Apache 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

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