

## **Linux Para Principiantes Una Introduccion Al Sist**

*Linux for Hackers es una descripción general para principiantes sobre la distribución del sistema operativo de hackeo de Linux y cómo utilizar la cantidad de herramientas que vienen preinstaladas en las distribuciones de hacking. Este libro también discutirá qué es el pirateo y entrará en gran detalle sobre las diferentes formas de pirateo que están disponibles en la actualidad. Los capítulos se dividen en una guía fácil de seguir. En esta guía cubriremos:*

*Conceptos básicos de Linux. Una introducción hacker. Presenta al lector los conceptos básicos de Linux, qué es y qué componentes componen el sistema operativo Linux. Los conceptos detallarán los diferentes tipos de distribuciones de Linux que utilizan principalmente los hackers. Haremos una profunda inmersión en el kernel de Linux, el sistema de archivos de Linux, la gestión de procesos de Linux y la línea de comandos de Linux. Introducción a la piratería. Discutiremos qué es piratear y los diferentes tipos de piratas informáticos que existen. Detallaremos las 10 principales distribuciones de Linux que se utilizan para hackear. Introducción Kali Linux. Veremos la distribución de hackeo de Linux más frecuente llamada Kali Linux. Incluye una descripción completa de Kali Linux, sus capacidades y las herramientas de piratería integradas.*

*Conceptos básicos de redes. Cubriremos los conceptos básicos de redes utilizados en nuestra vida cotidiana y el conocimiento aplicable para el pirata informático novato. Cubriremos los modelos de*

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*referencia de red y veremos los dispositivos de hardware activos en cualquier red, desde conmutadores hasta enrutadores. Redes de Linux. Una discusión básica de las redes Linux. Examinaremos los servicios de red en el sistema operativo Linux y las herramientas utilizadas para recopilar información sobre los servicios. Conceptos básicos de scripting. Los hackers deben tener una base clara en las secuencias de comandos de shell. Discutiremos todos los tipos de shells en Linux y cómo crear scripts para ellos. Conceptos básicos de scripts de Perl. Le presentaremos al lector las secuencias de comandos de Perl. Esto discutirá la sintaxis de scripts de Perl, las construcciones de scripts de Perl y los conceptos básicos para escribir un script de Perl. Instalación de Kali Linux LAB. Este capítulo es un LAB que llevará al pirata informático novato a través del proceso de trabajar con una de las herramientas en Kali Linux. Vamos a echar un vistazo a la herramienta Maltego para recopilar información y realizar un hack. Ya sea que esté interesado en una carrera en hackeo, en protegerse de los piratas informáticos o simplemente tenga curiosidad, este libro es una excelente guía para principiantes en el mundo del hackeo con Linux. Linux is the only endpoint OS that is growing globally. As one person put it, "Linux is the Nikola Tesla of information technology". This OS is used in a myriad of devices including smartphones, digital video recorders, televisions, airline entertainment systems, digital signage, automobile control systems, switches, routers, the desktop, among many others. The Microsoft Windows vs Linux OS debate will not end anytime soon. However, it is very clear that*

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*Linux is winning. If you have a hard time believing this, consider the influence of Linux on Android and UNIX-based Apple devices. The only reason Windows is still common is because of its influence on many core applications. This is about to change, and Linux is, without a doubt, the future. Microsoft has been the king of End User Computing (EUC) for about 30 years. Nonetheless, there are factors such as security concerns that are pushing EUC to the data center. Due to this, there is a desire to reduce the costs and risks that are required to maintain Windows on the edge. Linux OS offers the perfect solution for this. Linux is layered and lightweight which enables it to perform very well across many types of devices. It also offers high speed and responsiveness. Because Linux has so many inherent advantages, it is preferred for endpoint applications.*

*Linux is a Unix-like operating system that is one of the most popular open source operating systems on the planet. It is the heart of countless software products, from enterprise operating systems like Android and Red Hat Enterprise Linux, to hobbyist projects on a wide range of devices. Linux by Jason Cannon will teach you the basics of interacting with Linux, such as viewing and editing files and directories through the command line, and how to modify permissions. More advanced topics covered include I/O streams, sorting and comparing files and directories, and installing additional software. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations*

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*and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.*

*The current trend of various hacking and security breaches displays how important it has become to pentest your environment, to ensure end point protection. This book will take you through the latest version of Kali Linux to efficiently deal with various crucial security aspects such as confidentiality, integrity, access control and authentication.*

*Linux Essentials*

*A Concise Guide for the New User*

*Linux for Beginners*

*Learning the Unix Operating System*

*Exam 101-500 and Exam 102-500*

*Learn Linux in 5 Days*

Essay Collection covering the point where software, law and social justice meet.

Wireless Hacking 101 - How to hack wireless networks easily! This book is perfect for computer enthusiasts that want to gain expertise in the interesting world of ethical hacking and that wish to start conducting wireless pentesting. Inside you will find step-by-step instructions about how to exploit WiFi networks using the tools within the known Kali Linux distro as the famous aircrack-ng suite. Topics covered:

- Introduction to WiFi Hacking
- What is Wardriving
- WiFi Hacking Methodology
- WiFi Mapping
- Attacks to WiFi clients and networks
- Defeating MAC control
- Attacks to WEP, WPA, and

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WPA2 •Attacks to WPS •Creating Rogue AP's •MITM attacks to WiFi clients and data capture •Defeating WiFi clients and evading SSL encryption •Kidnapping sessions from WiFi clients •Defensive mechanisms

Fecha de Publicación: 16 de Enero de 2015

Aprenda uno de los lenguajes de programación de computadoras más extensamente usado actualmente. Java es uno de los lenguajes de programación más extensamente usados actualmente. Una vez que aprendas cómo programar en Java, podrás crear programas de aplicación que funcionen en servidores, computadoras, tablets, teléfonos, reproductores Blu-Ray y más. ¡Escribe una vez, corre en todas partes! También, si quieres estar seguro que tu programa se comporta siempre igual independientemente del sistema operativo bajo el que esté corriendo, la filosofía Java “Escrito una vez, corre en todas partes” es para ti. Java fue diseñado para ser independiente de su plataforma, permitiéndote crear aplicaciones que corren en gran variedad de sistemas operativos, incluyendo Windows, Mac, Solaris y Linux. Esto es lo que aprenderás... Cómo preparar tu computadora para programar en Java (Fotos de pantalla incluidas). Convenciones de nombres de archivo Java. Cómo trabajar con varios tipos de datos, incluyendo enteros, de coma flotante, caracteres y booleanos. Qué variables hay y cuándo usarlas. Cómo efectuar operaciones matemáticas en Java. Tomar decisiones en tu programa en base a comparaciones. Otras formas de control de flujo de tu programa. Cómo manipular datos de texto. Todo sobre matrices – cómo crearlas, cuándo usarlas y más. Varias formas de efectuar las mismas

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acciones en tus programas sin repetirte. 3 tipos de bucles. Conceptos y técnicas de programación orientada a objetos, incluyendo clases, modificadores, métodos, herencia y polimorfismo. Formas de manejar con gracia errores que pueden ocurrir cuando alguien usa tus programas. Y más... Ejercicios prácticos incluidos que harán que Java haga “clic” en tu cabeza. Incluye un eje Si usted quiere aprender a usar Linux, pero no sabe por dónde empezar siga leyendo. Saber por dónde empezar cuando se aprende una nueva habilidad puede ser un reto, especialmente cuando el tema parece tan vasto. Puede haber tanta información disponible que ni siquiera puede decidir por dónde empezar. O peor aún, empieza a aprender y rápidamente descubre demasiados conceptos, comandos y matices que no se explican. Este tipo de experiencia es frustrante y le deja con más preguntas que respuestas. Linux Para Principiantes no hace ninguna suposición acerca de sus antecedentes o conocimiento de Linux. Usted no necesita tener ningún conocimiento previo para beneficiarse de este libro. Se le guiará paso a paso utilizando un enfoque lógico y sistemático. A medida que se encuentre con nuevos conceptos, comandos o jerga estos se explican en un lenguaje sencillo, lo que hace que sea fácil que cualquiera pueda entenderlo. Esto es lo que aprenderá al leer Linux Para Principiantes: Cómo obtener acceso a un servidor Linux si no lo tiene ya. Qué es una distribución de Linux y cuál elegir. Qué software se necesita para conectarse a Linux desde ordenadores Mac y Windows. Capturas de pantalla incluidas. Qué es SSH y cómo usarlo, incluyendo la creación y el uso de

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claves SSH. El diseño del sistema de archivos de los sistemas Linux y dónde encontrar los programas, configuraciones y documentación. Los comandos básicos de Linux que vamos a usar con más frecuencia. Crear, renombrar, mover y eliminar directorios. Listar, leer, crear, editar, copiar y eliminar archivos. Cómo funcionan exactamente los permisos de trabajo y cómo descifrar los permisos más crípticos de Linux con facilidad. Cómo utilizar los editores nano, vi y emacs. Dos métodos para la búsqueda de archivos y directorios. Cómo comparar el contenido de archivos. Qué son las tuberías, para qué que sirven y cómo usarlas. Cómo comprimir archivos para ahorrar espacio y hacer que la transferencia de datos sea fácil. Cómo y por qué redirigir la entrada y salida de las aplicaciones. Cómo personalizar el intérprete de comandos. Cómo ser eficiente en la línea de comandos mediante el uso de alias, la implementación del tabulador y el historial de shell. Cómo programar y automatizar trabajos utilizando cron. Cómo cambiar de usuario y ejecutar procesos como otro usuario. Dónde ir para profundizar aún más en cada tema. Vaya a la parte superior de la página, haga click en el botón Comprar Ahora Con 1 Click y empiece a aprender Linux hoy!

CompTIA Linux+ Powered by Linux Professional Institute  
Study Guide

LINUX

An Introduction to the Linux Operating System and  
Command Line

Learn Python in a Weekend

Una guía completa para principiantes para el mundo del

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hackeo utilizando Linux

Programación Java - Una Guía para Principiantes para Aprender Java Paso a Paso

This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration).

LEARN PYTHON IN THE FASTEST AND EASIEST WAY

Learn Python in a weekend offers you a learning method that will allow you to learn Python in a short period of time, specifically in a weekend!

Our experience has demonstrated us that the best way to learn is to do it while having fun and with a methodology that will teach you progressively all the concepts you need to know. In the first part of the book you will find an explanation of the programming language along with an introduction to the programming environment. In the second part of the book you will find a total of 100 exercises of progressive difficulty in which, in addition to guiding you step by step, we explain all the theoretical concepts of programming that you need to know to be able to carry them out. The book contains downloadable material!

INDEX 1.  
Introduction2.- What do I need to start?3.- Learning process4.- Python5.- Development environment6.- Handling of messages on the screen7.- Use of basic data types8.- Control of the flow of a program9.- Loops10.- Project 111.- Functions12.- Project 213.- Basic object-oriented programming14.- Project 315.- Advanced object-oriented programming16.- Working with files17.- Exception control18.- Project 419.- Final Project20.- Annexes

A handy book for someone just starting with Unix or Linux, and an ideal primer for Mac and PC users of the Internet who need to know a little about Unix on the systems they visit. The most effective introduction to Unix in print, covering Internet



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usage for email, file transfers, web browsing, and many major and minor updates to help the reader navigate the ever-expanding capabilities of the operating system.

By its very nature, Unix is a "power tools" environment. Even beginning Unix users quickly grasp that immense power exists in shell programming, aliases and history mechanisms, and various editing tools. Nonetheless, few users ever really master the power available to them with Unix. There is just too much to learn! Unix Power Tools, Third Edition, literally contains thousands of tips, scripts, and techniques that make using Unix easier, more effective, and even more fun. This book is organized into hundreds of short articles with plenty of references to other sections that keep you flipping from new article to new article. You'll find the book hard to put down as you uncover one interesting tip after another. With the growing popularity of Linux and the advent of Mac OS X, Unix has metamorphosed into something new and exciting. With Unix no longer perceived as a difficult operating system, more and more users are discovering its advantages for the first time. The latest edition of this best-selling favorite is loaded with advice about almost every aspect of Unix, covering all the new technologies that users need to know. In addition to vital information on Linux, Mac OS X, and BSD, Unix Power Tools, Third Edition, now offers more coverage of bcash, zsh, and new shells, along with discussions about modern utilities and applications. Several sections focus on security and Internet access, and there is a new chapter on access to Unix from Windows, addressing the heterogeneous nature of systems today. You'll also find expanded coverage of software installation and packaging, as well as basic information on Perl and Python. The book's accompanying web site provides some of the best software available to Unix users, which you can download and add to your own set of power tools. Whether you are a newcomer or a Unix power

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user, you'll find yourself thumbing through the gold mine of information in this new edition of Unix Power Tools to add to your store of knowledge. Want to try something new? Check this book first, and you're sure to find a tip or trick that will prevent you from learning things the hard way.

Wireless Hacking 101

Introducción a la Programación Usando Java

The Linux Command Line

Introducción a la programación con Python

Algoritmos y lógica de programación para principiantes

Learn to Program

Python Programming for Beginners doesn't make any assumptions about your background or knowledge of Python or computer programming. You need no prior knowledge to benefit from this book. You will be guided step by step using a logical and systematic approach. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy for anyone to understand.--Publisher's description.

OpenGL® ES™ is the industry ' s leading software interface and graphics library for rendering sophisticated 3D graphics on handheld and embedded devices. The newest version, OpenGL ES 3.0, makes it possible to create stunning visuals for new games and apps, without compromising device performance or battery life. In the OpenGL ® ES ™ 3.0 Programming Guide, Second Edition, the authors cover the entire API and Shading Language. They carefully introduce OpenGL ES 3.0 features such as shadow mapping, instancing, multiple render targets, uniform buffer objects, texture compression, program binaries, and transform feedback. Through detailed, downloadable C-based code examples, you ' ll learn how to set up and program every aspect of the graphics pipeline. Step by step, you ' ll move from introductory techniques all the way to advanced per-

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pixel lighting and particle systems. Throughout, you'll find cutting-edge tips for optimizing performance, maximizing efficiency with both the API and hardware, and fully leveraging OpenGL ES 3.0 in a wide spectrum of applications. All code has been built and tested on iOS 7, Android 4.3, Windows (OpenGL ES 3.0 Emulation), and Ubuntu Linux, and the authors demonstrate how to build OpenGL ES code for each platform. Coverage includes EGL API: communicating with the native windowing system, choosing configurations, and creating rendering contexts and surfaces Shaders: creating and attaching shader objects; compiling shaders; checking for compile errors; creating, linking, and querying program objects; and using source shaders and program binaries OpenGL ES Shading Language: variables, types, constructors, structures, arrays, attributes, uniform blocks, I/O variables, precision qualifiers, and invariance Geometry, vertices, and primitives: inputting geometry into the pipeline, and assembling it into primitives 2D/3D, Cubemap, Array texturing: creation, loading, and rendering; texture wrap modes, filtering, and formats; compressed textures, sampler objects, immutable textures, pixel unpack buffer objects, and mipmapping Fragment shaders: multitexturing, fog, alpha test, and user clip planes Fragment operations: scissor, stencil, and depth tests; multisampling, blending, and dithering Framebuffer objects: rendering to offscreen surfaces for advanced effects Advanced rendering: per-pixel lighting, environment mapping, particle systems, image post-processing, procedural textures, shadow mapping, terrain, and projective texturing Sync objects and fences: synchronizing within host application and GPU execution This edition of the book includes a color insert of the OpenGL ES 3.0 API and OpenGL ES Shading Language 3.0 Reference Cards created by Khronos. The reference cards contain a complete list of all of the functions

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in OpenGL ES 3.0 along with all of the types, operators, qualifiers, built-ins, and functions in the OpenGL ES Shading Language.

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"

Este libro está pensado como ayuda a aquellas personas que no han nacido con el mundo digital pero se han visto envueltas y rodeadas de tecnología, redes, wifis, imágenes y sonidos digitales, redes sociales, QRs y otras tantas cosas nuevas con las que convivimos a diario.

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Selected Essays of Richard M. Stallman

Hacking Ético

The Linux Cookbook, 2nd Edition

LPIC-1 Linux Professional Institute Certification Study Guide

Consejos Profesionales de Línea de Comando Bash

Perform powerful penetration testing using Kali Linux,

Metasploit, Nessus, Nmap, and Wireshark

Provides step-by-step instructions on how to use the computer operating system Linux.

S is a high-level language for manipulating, analysing and displaying data. It forms the basis of two highly acclaimed and widely used data analysis software systems, the commercial S-PLUS® and the Open Source R. This book provides an in-depth guide to writing software in the S language under either or both of those systems. It is intended for readers who have some acquaintance with the S language and want to know how to use it more effectively, for example to build re-usable tools for streamlining routine data analysis or to implement new statistical methods. One of the outstanding strengths of the S language is the ease with which it can be extended by users. S is a functional language, and functions written by users are first-class objects treated in the same way as functions provided by the system. S code is eminently readable and so a good way to document precisely what algorithms were used, and as much of the implementations are themselves written in S, they can be studied as models and to understand their subtleties. The current implementations also provide easy ways for S functions to call compiled code written in C, Fortran and similar languages; this is documented here in depth.

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Increasingly S is being used for statistical or graphical analysis within larger software systems or for whole vertical-market applications. The interface facilities are most developed on Windows® and these are covered with worked examples. The authors have written the widely used Modern Applied Statistics with S-PLUS, now in its third edition, and several software libraries that enhance S-PLUS and R; these and the examples used in both books are available on the Internet.

Dr. W.N. Venables is a senior Statistician with the CSIRO/CMIS Environmetrics Project in Australia, having been at the Department of Statistics, University of Adelaide for many years previously. Professor B.D. Ripley holds the Chair of Applied Statistics at the University of Oxford, and is the author of four other books on spatial statistics, simulation, pattern recognition and neural networks. Both authors are known and respected throughout the international S and R communities, for their books, workshops, short courses, freely available software and through their extensive contributions to the S-news and R mailing lists.

Want to tap the power behind search rankings, product recommendations, social bookmarking, and online matchmaking? This fascinating book demonstrates how you can build Web 2.0 applications to mine the enormous amount of data created by people on the Internet. With the sophisticated algorithms in this book, you can write smart programs to access interesting datasets from other web sites, collect data from users of your own applications, and analyze and understand the data once you've found it. Programming

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Collective Intelligence takes you into the world of machine learning and statistics, and explains how to draw conclusions about user experience, marketing, personal tastes, and human behavior in general -- all from information that you and others collect every day. Each algorithm is described clearly and concisely with code that can immediately be used on your web site, blog, Wiki, or specialized application. This book explains: Collaborative filtering techniques that enable online retailers to recommend products or media Methods of clustering to detect groups of similar items in a large dataset Search engine features -- crawlers, indexers, query engines, and the PageRank algorithm Optimization algorithms that search millions of possible solutions to a problem and choose the best one Bayesian filtering, used in spam filters for classifying documents based on word types and other features Using decision trees not only to make predictions, but to model the way decisions are made Predicting numerical values rather than classifications to build price models Support vector machines to match people in online dating sites Non-negative matrix factorization to find the independent features in a dataset Evolving intelligence for problem solving -- how a computer develops its skill by improving its own code the more it plays a game Each chapter includes exercises for extending the algorithms to make them more powerful. Go beyond simple database-backed applications and put the wealth of Internet data to work for you. "Bravo! I cannot think of a better way for a developer to first learn these algorithms and methods, nor can I think of a better way for me (an old AI dog) to

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reinvigorate my knowledge of the details." -- Dan Russell, Google "Toby's book does a great job of breaking down the complex subject matter of machine-learning algorithms into practical, easy-to-understand examples that can be directly applied to analysis of social interaction across the Web today. If I had this book two years ago, it would have saved precious time going down some fruitless paths." -- Tim Wolters, CTO, Collective Intellect

Libro de programaci ó n para principiantes (muy novatos) que se quieren aventurar en la programaci ó n Android, as í como en la programaci ó n orientada a objetos. Paso a paso, con multitud de capturas y c ó digos fuentes 100% testados.

Unix Power Tools

Preparaci ó n para la certificaci ó n LPIC-1 : Ex á menes LPI 101 y LPI 102

S Programming

An Introduction to the Linux Operating System

Unix and Linux

The Debian Administrator's Handbook

***Debian GNU/Linux, a very popular non-commercial Linux distribution, is known for its reliability and richness. Built and maintained by an impressive network of thousands of developers throughout the world, the Debian project is cemented by its social contract. This foundation text defines the project's objective: fulfilling the needs of users with a 100% free operating***



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*system. The success of Debian and of its ecosystem of derivative distributions (with Ubuntu at the forefront) means that an increasing number of administrators are exposed to Debian's technologies. This Debian Administrator's Handbook, which has been entirely updated for Debian 8 "Jessie", builds on the success of its 6 previous editions. Accessible to all, this book teaches the essentials to anyone who wants to become an effective and independent Debian GNU/Linux administrator. It covers all the topics that a competent Linux administrator should master, from installation to updating the system, creating packages and compiling the kernel, but also monitoring, backup and migration, without forgetting advanced topics such as setting up SELinux or AppArmor to secure services, automated installations, or virtualization with Xen, KVM or LXC. This book is not only designed for professional system administrators. Anyone who uses Debian or Ubuntu on their own computer is de facto an administrator and will find tremendous value in knowing more about*

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*how their system works. Being able to understand and resolve problems will save you invaluable time. Learn more about the book on its official website: [debian-handbook.info](http://debian-handbook.info)*

*It's easier to learn how to program a computer than it has ever been before. Now everyone can learn to write programs for themselves - no previous experience is necessary. Chris Pine takes a thorough, but lighthearted approach that teaches you the fundamentals of computer programming, with a minimum of fuss or bother.*

*Whether you are interested in a new hobby or a new career, this book is your doorway into the world of programming. Computers are everywhere, and being able to program them is more important than it has ever been. But since most books on programming are written for other programmers, it can be hard to break in. At least it used to be. Chris Pine will teach you how to program. You'll learn to use your computer better, to get it to do what you want it to do. Starting with small, simple one-line programs to calculate your age in seconds, you'll see how to*

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*write interactive programs, to use APIs to fetch live data from the internet, to rename your photos from your digital camera, and more. You'll learn the same technology used to drive modern dynamic websites and large, professional applications. Whether you are looking for a fun new hobby or are interested in entering the tech world as a professional, this book gives you a solid foundation in programming. Chris teaches the basics, but also shows you how to think like a programmer. You'll learn through tons of examples, and through programming challenges throughout the book. When you finish, you'll know how and where to learn more - you'll be on your way. What You Need: All you need to learn how to program is a computer (Windows, macOS, or Linux) and an internet connection. Chris Pine will lead you through setting set up with the software you will need to start writing programs of your own. 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*

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takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell (or command line). Along the way you'll learn the timeless skills handed down by generations of experienced, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to:

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- Slice and dice text files with cut, paste, grep, patch, and sed

Once

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*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.*

*In this updated edition, authors Deborah and Eric Ray use crystal-clear instructions and friendly prose to introduce you to all of today's Unix essentials. You'll find the information you need to get started with the operating system and learn the most common Unix commands and concepts so that Unix can do the hard work for you. After mastering the basics of Unix, you'll move on to how to use directories and files, work with a shell, and create and edit files. You'll then learn how to manipulate files, configure a Unix environment, and run-and even write-scripts. Throughout the book-from logging in to being root-the authors offer essential coverage of Unix.*

*Grokking the GIMP*

*Debian Jessie From Discovery To Mastery  
Linux Pocket Guide*

*Exam LX0-103 and Exam LX0-104*

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## **A Complete Introduction**

**Guía completa para principiantes para aprender y entender los reinos del hacking ético (Libro En Español/Ethical Hacking Spanish Book Version)**

*The bestselling study guide for the popular Linux Professional Institute Certification Level 1 (LPIC-1). The updated fifth edition of LPIC-1: Linux Professional Institute Certification Study Guide is a comprehensive, one-volume resource that covers 100% of all exam objectives. Building on the proven Sybex Study Guide approach, this essential resource offers a comprehensive suite of study and learning tools such as assessment tests, hands-on exercises, chapter review questions, and practical, real-world examples. This book, completely updated to reflect the latest 101-500 and 102-500 exams, contains clear, concise, and user-friendly information on all of the Linux administration topics you will encounter on test day. Key exam topics include system architecture, Linux installation and package management, GNU and UNIX commands, user interfaces and desktops,*

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*Si alguna vez te has dicho: "Tiene que haber una mejor forma de hacer esto", sigue leyendo. Como alguien que ha utilizado el Shell Bash casi a diario durante más de 15 años, he acumulado varios "trucos" de línea de comandos que me han ahorrado tiempo y frustraciones. Consejos Profesionales de Línea de Comando Bash es una colección de 10 técnicas que puedes comenzar a utilizar inmediatamente para mejorar tu eficiencia en la línea de comando. Esto es lo que aprenderás leyendo Consejos Profesionales de Línea de Comando Bash: Consejo 1: Autocompletar Consejo 2: Cambiar al Directorio Anterior Consejo 3: Reutilizar el Último Ítem de la Línea Anterior Consejo 4: Volver a Ejecutar un Comando que comienza con una Cadena dada Consejo 5: Sustitución de Comando Consejo 6: Usar un Bucle for en la Línea de Comando Consejo 7: Volver a*



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*Hackeo ético: Una guía completa para principiantes para aprender y entender los reinos de la piratería ética es una introducción a la realización de una prueba de penetración, o un hackeo ético de principio a fin. La piratería puede sentirse desalentadora a veces e incluso intimidante para los principiantes debido al estigma que todavía lleva en la sociedad, pero este libro enseña a los estudiantes cómo utilizar las herramientas y técnicas de hacking de manera adecuada y ética. Proporciona una explicación clara de cada paso del camino para que cualquier aspirante a hacker pueda entender todos los conceptos y practicar lo que aprenden. Cada capítulo contiene ejemplos y definiciones que son fáciles de seguir y entender. El estudiante aprenderá los conceptos básicos de la*

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*piratería, cómo operar Linux y utilizar comandos de terminal, seguido de una extensa guía sobre cómo realizar todos los pasos de una prueba de penetración. Esto es lo que los estudiantes obtendrán al leer este libro para principiantes: 1. Los conceptos básicos de la piratería, terminología, ciberderecho, y lo que es realmente una prueba de penetración. 2. La metodología de prueba de penetración. Cada capítulo le guiará a través de técnicas de recopilación de información, escaneo de vulnerabilidades, explotación y mantenimiento de accesos. 3. Los estudiantes también aprenderán la importancia de escribir un informe de prueba de penetración profesional. El juego no termina cuando las autenticaciones se desvían y los sistemas se controlan. ¡Abre tu mente a todo un mundo de posibilidades y aprende a convertirte en un hacker ético!*

*CompTIA Authorized Linux+ prep CompTIA Linux+ Study Guide is your comprehensive study guide for the Linux+ Powered by LPI certification*

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exams. With complete coverage of 100% of the objectives on both exam LX0-103 and exam LX0-104, this study guide provides clear, concise information on all aspects of Linux administration, with a focus on the latest version of the exam. You'll gain the insight of examples drawn from real-world scenarios, with detailed guidance and authoritative coverage of key topics, including GNU and Unix commands, system operation, system administration, system services, security, and more, from a practical perspective that easily translates into on-the-job know-how. You'll also get access to helpful study tools, including bonus practice exams, electronic flashcards, and a searchable glossary of key terms that are important to know for exam day. Linux is viewed by many companies and organizations as an excellent, low-cost, secure alternative to expensive operating systems such as Microsoft Windows. The CompTIA Linux+ Powered by LPI exams test a candidate's understanding and familiarity with the Linux Kernel. Review the basic system architecture, installation, and

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*management Understand commands, devices, and file systems Utilize shells, scripting, and data management techniques Navigate user interfaces, desktops, and essential system services As the Linux server market share continue to grow, so too does the demand for qualified and certified Linux administrators. Certification holders must recertify every five years, but LPI recommends recertifying every two years to stay fully up to date with new technologies and best practices. CompTIA Linux+ Study Guide gives you the advantage of exam day confidence.*

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use, and why?

Este libro fue pensado para quién desea iniciarse en el mundo de la programación de computadoras. Conceptos básicos de programación – tales como expresiones, variables, repeticiones, decisiones, listas, funciones, archivos y banco de datos con SQLite 3 – son presentados uno por uno con ejemplos y ejercicio claros. El objetivo de esta obra es explorar la programación de computadoras como una herramienta para el día a día. Puede ser útil para un curso de introducción a la programación de computadoras y ser usado como guía de estudios por autodidactas. Para lograr un aprovechamiento pleno del contenido de la obra son necesarios conocimientos básicos de informática, tales como escribir textos, abrir y guardar archivos. Todo el software utilizado en el libro puede ser bajado gratuitamente y ejecutarse en Windows, Linux y Mac OS X. Aunque el lenguaje Python (versión 3.x) es muy poderoso y repleto de recursos modernos de programación, este libro pretende enseñar a programar y no el lenguaje en sí. Algunos recursos del lenguaje no han sido utilizados para privilegiar los ejercicios de lógica de programación y ofrecer al lector una preparación más amplia para otros lenguajes. Esta decisión no afecta la presentación de recursos poderosos del lenguaje, aunque el libro no debe ser considerado una obra de referencia definitiva y sí un guía

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introductório a este tema.

If you want to learn how to use Linux, but don't know where to start read on. Knowing where to start when learning a new skill can be a challenge, especially when the topic seems so vast. There can be so much information available that you can't even decide where to start. Or worse, you start down the path of learning and quickly discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers. Linux for Beginners doesn't make any assumptions about your background or knowledge of Linux. You need no prior knowledge to benefit from this book. You will be guided step by step using a logical and systematic approach. As new concepts, commands, or jargon are encountered they are explained in plain language, making it easy for anyone to understand. Here is what you will learn by reading Linux for Beginners: How to get access to a Linux server if you don't already. What a Linux distribution is and which one to choose. What software is needed to connect to Linux from Mac and Windows computers. Screenshots included. What SSH is and how to use it, including creating and using SSH keys. The file system layout of Linux systems and where to find programs, configurations, and documentation. The basic Linux commands you'll use most often.

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Creating, renaming, moving, and deleting directories. Listing, reading, creating, editing, copying, and deleting files. Exactly how permissions work and how to decipher the most cryptic Linux permissions with ease. How to use the nano, vi, and emacs editors. Two methods to search for files and directories. How to compare the contents of files. What pipes are, why they are useful, and how to use them. How to compress files to save space and make transferring data easy. How and why to redirect input and output from applications. How to customize your shell prompt. How to be efficient at the command line by using aliases, tab completion, and your shell history. How to schedule and automate jobs using cron. How to switch users and run processes as others. Where to go for even more in-depth coverage on each topic. What you learn in "Linux for Beginners" applies to any Linux environment including Ubuntu, Debian, Linux Mint, RedHat, Fedora, OpenSUSE, Slackware, and more. Scroll up, click the Buy Now With 1 Click button and get started learning Linux today!

If you want to learn how to use Linux and level up your career but are pressed for time, read on. As the founder of the Linux Training Academy and an instructor of several courses, I've had the good fortune of helping thousands of people hone their Linux skills. Interacting with so many people who are just getting started with the Linux operating

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system has given me invaluable insight into the particular struggles and challenges people face at this stage. One of the biggest challenges for people interested in learning the ins and outs of Linux is simply a lack of time. When you are working with a limited and extremely valuable resource you want to make sure you make the most of it. The next biggest challenge for Linux newcomers is knowing where to start. There is so much information available that deciding what to focus your attention on first is a big enough hurdle to keep many people from even starting. What's worse is starting down the path of learning only to discover too many concepts, commands, and nuances that aren't explained. This kind of experience is frustrating and leaves you with more questions than answers. That's why I've written this book. Not only have I condensed the most important material into five sections, each designed to be consumed in a day, I've also structured the content in a logical and systematic manner. This way you'll be sure to make the most out of your time by learning the foundational aspects of Linux first and then building upon that foundation each day. In *Learn Linux in 5 Days* you will learn the most important concepts and commands, and be guided step-by-step through several practical and real-world examples. As new concepts, commands, or jargon are encountered they are explained in plain



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An Introduction to the Python Computer Language and Computer Programming

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Una Introducción Al Sistema Operativo Linux y la línea de Comandos

Python Programming for Beginners

OpenGL ES 3.0 Programming Guide

Tips and Techniques for Everyday Use

¡Este libro te enseñará cómo puedes protegerte de los ataques de piratería más comunes al saber cómo funciona realmente el hacking! Después de todo, para evitar que su sistema se vea comprometido, debe mantenerse un paso por delante de cualquier hacker criminal. Puede hacerlo aprendiendo cómo hackear y cómo realizar un contraataque. Dentro de este libro hay técnicas y herramientas que son utilizadas por piratas informáticos criminales y éticos: todo lo que encontrará aquí le mostrará cómo se puede comprometer la seguridad de la información y cómo puede identificar un ataque en un sistema que este tratando de proteger. Al mismo tiempo, también aprenderá cómo puede minimizar cualquier daño en su sistema o

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detener un ataque continuo. Con Hacking: Guía para principiantes de pirateo informático aprenderá todo lo que necesita saber para ingresar al mundo secreto del pirateo informático. Proporciona una visión general completa de la piratería, el craqueo y su efecto en el mundo. Aprenderá sobre los requisitos previos para la piratería, los diversos tipos de piratas informáticos y los diversos tipos de ataques de piratería: Ataques activos Ataques de disfraces Ataques de repetición Modificación de mensajes Técnicas de suplantación de identidad Herramientas de hacking de WiFi Su primer pirateo. Ataques pasivos Hack de descarga: Principiantes de hacking informático Guía sobre cómo hackear redes inalámbricas, seguridad básica y pruebas de penetración, Kali Linux, su primer hack de inmediato: esta increíble nueva edición pone a su disposición una gran cantidad de conocimiento. Aprenderá cómo hackear una contraseña de correo electrónico, técnicas de suplantación de identidad, hacking de WiFi y consejos para piratería ética. Incluso aprenderá cómo hacer su primer hack. Desplácese hacia arriba y comience a disfrutar de esta increíble oferta al instante. PUBLISHER: TEKTIME Linux es el único sistema operativo de

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punto final que está creciendo globalmente. Como dijo una persona, "Linux es el Nikola Tesla de la tecnología de la información". Este sistema operativo se usa en una gran variedad de dispositivos que incluyen teléfonos inteligentes, grabadoras de video digital, televisores, sistemas de entretenimiento de aerolíneas, señalización digital, sistemas de control de automóviles, conmutadores, enrutadores, ordenadores de escritorio, entre muchos otros. El debate del sistema operativo Microsoft Windows vs Linux no terminará pronto. Sin embargo, es muy claro que Linux está ganando. Si le cuesta creerlo, considere la influencia de Linux en dispositivos Apple basados ??en Android y UNIX. La única razón por la que Windows todavía es común es debido a su influencia en muchas aplicaciones básicas. Esto está a punto de cambiar, y Linux es, sin lugar a dudas, el futuro. Microsoft ha sido el rey de la computación del usuario final (EUC) durante aproximadamente 30 años. No obstante, hay factores como los problemas de seguridad que impulsan a EUC al centro de datos. Debido a esto, existe el deseo de reducir los costos y riesgos que se requieren para mantener Windows al límite. El sistema operativo Linux ofrece la solución perfecta para esto. Linux tiene

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capas y es ligero, lo que le permite funcionar muy bien en muchos tipos de dispositivos. También ofrece alta velocidad y capacidad de respuesta. Debido a que Linux tiene muchas ventajas inherentes, se prefiere para aplicaciones de punto final.

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

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it.The Linux Pocket Guide is tailored to Fedora Linux--the latest spin-off of Red Hat Linux--but most of the information applies to any Linux system.Throw in a host of valuable power user tips and a friendly and accessible style, and you'll quickly find this practical, to-the-point book a small but mighty resource for Linux users.

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users and run processes as others. Where to go for even more in-depth coverage on each topic. Command Line Kung Fu information: Become a Linux Ninja with Command Line Kung Fu! Do you think you have to lock yourself in a basement reading cryptic man pages for months on end in order to have ninja like command line skills? In reality, if you had someone share their most powerful command line tips, tricks, and patterns you'd save yourself a lot of time and frustration. What if you could look over the shoulder of a good friend that just happened to be a command line guru? What if they not only showed you the commands they were using, but why they were using them and exactly how they worked? And what if that friend took the time to write all of it down so you can refer to it whenever you liked? Well, a friend did just that. Command Line Kung Fu is packed with dozens of tips and over 100 practical real-world examples. You won't find theoretical examples in this book. The examples demonstrate how to solve actual problems and accomplish worthwhile goals. The tactics are easy to find, too. Each chapter covers a specific topic and groups related tips and examples together. For example, if you need help extracting text



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from a file look in the "Text Processing and Manipulation" chapter. Also, a comprehensive index is included. If you want to find every example where a given command is used -- even if it's not the main subject of the tip -- look in the index. It will list every single place in the book where that command appears.

The Node Beginner Book

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The Linux Command Line, 2nd Edition

Linux Network Administrator's Guide

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