

A Practical Guide To Linux Commands Editors And Shell Programming

The best just became BETTER! Completely revised to meet all your Red Hat Linux needs! Fedora Core and Red Hat Enterprise Linux are advanced operating systems. You need a book that's just as advanced. This book explains Linux clearly and effectively--with a focus on the features you care about, including system security, Internet server setup, and sharing files and printers with Windows systems. Best-selling Linux author Mark Sobell starts at the beginning and walks you through everything that matters, from installing Fedora Core using the included CDs to GNOME, KDE, Samba 3, sendmail, Apache, DNS, NIS, and iptables. Along the way, you learn the "hows" and the "whys." Whether you are a user, an administrator, or a programmer, this book gives you all you need and more. Mark Sobell knows every Linux nook and cranny, has taught hundreds of thousands of readers, and never forgets what it's like to be new to Linux. Don't settle for yesterday's Linux book...get the ONLY book that meets today's challenges and tomorrow's! Compared with the other Linux books out there, A Practical Guide to Red Hat® Linux®, Second Edition, delivers... The full Fedora Core operating system on 4 CDs (not the truncated "Publisher's Edition") AND complete coverage of Fedora Core and the 2.6 Linux kernel, PLUS coverage of Red Hat Enterprise Linux Deeper coverage of GNOME and KDE, including customization More practical coverage of file sharing with Samba, NFS, and FTP Easier-to-follow coverage of Internet server configuration including Apache, sendmail, NFS, and DNS More up-to-date coverage of security, including SELinux (Security Enhanced Linux), OpenSSH, and firewall setup using iptables Better coverage of "meat-and-potatoes" system/network administration tasks A more practical introduction to writing bash shell scripts More complete coverage of configuring local and network printers using CUPS And much more...including a 500+ word glossary and a comprehensive index to help you find what you need fast! Includes 4 CDs! Get the full version of Red Hat's Fedora Core 2 release!

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

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses C# language and Visual Studio to illustrate the programming concepts and explains some C#/.NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from <http://introprogramming.info>. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: <http://www.introprogramming.info> License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

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

The IoT Hacker's Handbook

Arch Linux

Advanced Programming for Performance Analysis and Networking

Juvenile History - - American

Fedora Core and Red Hat Enterprise Linux

Quick Guide for Beginners

Written with a clear, straightforward writing style and packed with step-by-step projects for direct, hands-on learning, Guide to UNIX Using Linux, 4E is the perfect resource for learning UNIX and Linux from the ground up. Through the use of practical examples, end-of-chapter reviews, and interactive exercises, novice users are transformed into confident UNIX/Linux users who can employ utilities, master files, manage and query data, create scripts, access a network or the Internet, and navigate popular user interfaces and software. The updated 4th edition incorporates coverage of the latest versions of UNIX and Linux, including new versions of Red Hat, Fedora, SUSE, and Ubuntu Linux. A new chapter has also been added to cover basic networking utilities, and several other chapters have been expanded to include additional information on the KDE and GNOME desktops, as well as coverage of the popular OpenOffice.org office suite. With a strong focus on universal UNIX and Linux commands that are transferable to all versions of Linux, this book is a must-have for anyone seeking to develop their knowledge of these systems. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

"TCP/IP is the primary networking protocol in use today. It is the protocol that the Internet is built upon and provides the capability for computers to share files and services. While there is a substantial number of TCP/IP books available, none provides hands-on implementation specifics for the Linux platform." "Networking Linux: A Practical Guide to TCP/IP goes beyond the conceptual and shows step-by-step the necessary know how to Linux TCP/IP implementation. If you are a programmer or network administrator in need of a platform-specific guide to increase your knowledge and overall efficiency, this is the book for you."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. The Most Useful Linux Tutorial and Reference Ever, with Hundreds of High-Quality Examples Covering Every L.

A Practical Guide to Linux Commands, Editors, and Shell ProgrammingAddison-Wesley Professional

A Guide for Digital Investigators

Guide to UNIX Using Linux

A Practical Guide to TCP/IP

Learn Linux in a Month of Lunches

Linux Mint Essentials

A Practical Guide to Linux Commands, Editors, and Shell Programming, Fourth Edition

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

The Linux Programming Interface (TLPI) is the definitive guide to the Linux and UNIX programming interface—the interface employed by nearly every application that runs on a Linux or UNIX system. In this authoritative work, Linux programming expert Michael Kerrisk provides detailed descriptions of the system calls and library functions that you need in order to master the craft of system programming, and accompanies his explanations with clear, complete example programs. You'll find descriptions of over 500 system calls and library functions, and more than 200 example programs, 88 tables, and 115 diagrams. You'll learn how to: –Read and write files efficiently –Use signals, clocks, and timers –Create processes and execute programs –Write secure programs –Write multithreaded programs using POSIX threads –Build and use shared libraries –Perform interprocess communication using pipes, message queues, shared memory, and semaphores –Write network applications with the sockets API While The Linux Programming Interface covers a wealth of Linux-specific features, including epoll, inotify, and the /proc file system, its emphasis on UNIX standards (POSIX.1-2001/SUSv3 and POSIX.1-2008/SUSv4) makes it equally valuable to programmers working on other UNIX platforms. The Linux Programming Interface is the most comprehensive single-volume work on the Linux and UNIX programming interface, and a book that's destined to become a new classic.

In this instant New York Times bestseller, Angela Duckworth shows anyone striving to succeed that the secret to outstanding achievement is not talent, but a special blend of passion and persistence she calls “grit.” “Inspiration for non-geniuses everywhere” (People). The daughter of a scientist who frequently noted her lack of “genius,” Angela Duckworth is now a celebrated researcher and professor. It was her early eye-opening stints in teaching, business consulting, and neuroscience that led to her hypothesis about what really drives success: not genius, but a unique combination of passion and long-term perseverance. In Grit, she takes us into the field to visit cadets struggling through their first days at West Point, teachers working in some of the toughest schools, and young finalists in the National Spelling Bee. She also mines fascinating insights from history and shows what can be gleaned from modern experiments in peak performance. Finally, she shares what she’s learned from interviewing dozens of high achievers—from JP Morgan CEO Jamie Dimon to New Yorker cartoon editor Bob Mankoff to Seattle Seahawks Coach Pete Carroll. “Duckworth’s ideas about the cultivation of tenacity have clearly changed some lives for the better” (The New York Times Book Review). Among Grit’s most valuable insights: any effort you make ultimately counts twice toward your goal; grit can be learned, regardless of IQ or circumstances; when it comes to child-rearing, neither a warm embrace nor high standards will work by themselves; how to trigger lifelong interest; the magic of the Hard Thing Rule; and so much more. Wittingly personal, insightful, and even life-changing, Grit is a book about what goes through your head when you fall down, and how that—not talent or luck—makes all the difference. This is “a fascinating tour of the psychological research on success” (The Wall Street Journal).

A step-by-step guide to Fedora and Red Hat Enterprise Linux covers such topics as the shell, networking, system administration, setting up servers, and programming tools.

A Practical Guide to Red Hat Linux 8

A Practical Guide to UNIX for Mac OS X Users

The Power of Passion and Perseverance

Linux Basics for Hackers

A Practical Guide to Protecting Code

A Complete Introduction

Take a practitioner's approach in analyzing the Internet of Things (IoT) devices and the security issues facing an IoT architecture. You'll review the architecture's central components, from hardware communication interfaces, such as UARTand SPI, to radio protocols, such as BLE or ZigBee. You'll also learn to assess a device physically by opening it, looking at the PCB, and identifying the chipsets and interfaces. You'll then use that information to gain entry to the device or to perform other actions, such as dumping encryption keys and firmware. As the IoT rises to one of the most popular tech trends, manufactures need to take necessary steps to secure devices and protect them from attackers. The IoT Hacker's Handbook breaks down the Internet of Things, exploits it, and reveals how these devices can be built securely. What You'll LearnPerform a threat model of a real-world IoT device and locate all possible attacker entry points Use reverse engineering of firmware binaries to identify security issues Analyze,assess, and identify security issues in exploited ARM and MIPS based binariesSniff, capture, and exploit radio communication protocols, such as Bluetooth Low Energy (BLE), and ZigBee Who This Book is For Those interested in learning about IoT security, such as pentesters working in different domains, embedded device developers, or IT people wanting to move to an Internet of Things security role.

*Xen allows administrators to run many virtual operating systems on one physical server, including Linux, BSD, OpenSolaris, and Microsoft Windows. In the process, users save money on hardware, maintenance, and electricity. Not only is Xen open source, the Xen hypervisor (the virtual machine monitor) is the best-performing hypervisor available. "The Book of Xen" explains everything a sysadmin needs to know to use this powerful technology, with coverage of installation, networking, virtualized storage, and managing guest and host operating systems. Written for administrators who have worked with *NIX before but who may be new to virtualization, "The Book of Xen" covers both the basics and the trickier aspects of Xen administration, like profiling and benchmarks, migration, XenSource administration, and hardware assisted virtualization (HVM).*

TCP/IP Sockets in C: Practical Guide for Programmers, Second Edition is a quick and affordable way to gain the knowledge and skills needed to develop sophisticated and powerful web-based applications. The book's focused, tutorial-based approach enables the reader to master the tasks and techniques essential to virtually all client-server projects using sockets in C. This edition has been expanded to include new advancements such as support for IPv6 as well as detailed defensive programming strategies. If you program using Java, be sure to check out this book's companion, TCP/IP Sockets in Java: Practical Guide for Programmers, 2nd Edition. Includes completely new and expanded sections that address the IPv6 network environment, defensive programming, and the select() system call, thereby allowing the reader to program in accordance with the most current standards for internetworking. Streamlined and concise tutelage in conjunction with line-by-line code commentary allows readers to quickly program web-based applications without having to wade through unrelated and discursive networking tenets.

*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"*

The Case for Capitalism

Getting Started with Networking, Scripting, and Security in Kali

Making Servers Work

Hacking with Kali Linux

Mastering Linux Shell Scripting,

Practical Guide to Ubuntu Linux (Versions 8.10 and 8.04)

The Most Useful UNIX Guide for Mac OS X Users Ever, with Hundreds of High-Quality Examples! Beneath Mac OS® X's stunning graphical user interface (GUI) is the most powerful operating system ever created:

UNIX®. With unmatched clarity and insight, this book explains UNIX for the Mac OS X user—giving you total control over your system, so you can get more done, faster. Building on Mark Sobell's highly praised A Practical Guide to the UNIX System, it delivers comprehensive guidance on the UNIX command line tools every user, administrator, and developer needs to master—together with the world's best day-to-day UNIX reference. This book is packed with hundreds of high-quality examples. From networking and system utilities to shells and programming, this is UNIX from the ground up—both the "whys" and the "hows"—for every Mac user. You'll understand the relationships between GUI tools and their command line counterparts. Need instant answers? Don't bother with confusing online "manual pages": rely on this book's example-rich, quick-access, 236-page command reference! Don't settle for just any UNIX guidebook. Get one focused on your specific needs as a Mac user! A Practical Guide to UNIX® for Mac OS® X Users is the most useful, comprehensive UNIX tutorial and reference for Mac OS X and is the only book that delivers Better, more realistic examples covering tasks you'll actually need to perform Deeper insight, based on the authors' immense knowledge of every UNIX and OS X nook and cranny Practical guidance for experienced UNIX users moving to Mac OS X Exclusive discussions of Mac-only utilities, including plutil, ditto, nidump, otool, launchctl, diskutil, GetFileinfo, and SetFile Techniques for implementing secure communications with ssh and scp—plus dozens of tips for making your OS X system more secure Expert guidance on basic and advanced shell programming with bash and tcsh Tips and tricks for using the shell interactively from the command line Thorough guides to vi and emacs designed to help you get productive fast, and maximize your editing efficiency In-depth coverage of the Mac OS X filesystem and access permissions, including extended attributes and Access Control Lists (ACLs) A comprehensive UNIX glossary Dozens of exercises to help you practice and gain confidence And much more, including a superior introduction to UNIX programming tools such as awk, sed, otool, make, gcc, gdb, and CVS

Build your expertise in the BPF virtual machine in the Linux kernel with this practical guide for systems engineers. You'll not only dive into the BPF program lifecycle but also learn to write applications that observe and modify the kernel's behavior; inject code to monitor, trace, and securely observe events in the kernel; and more. Authors David Calavera and Lorenzo Fontana help you harness the power of BPF to make any computing system more observable. Familiarize yourself with the essential concepts you'll use on a day-to-day basis and augment your knowledge about performance optimization, networking, and security. Then see how it all comes together with code examples in C, Go, and Python. Write applications that use BPF to observe and modify the Linux kernel's behavior on demand Inject code to monitor, trace, and observe events in the kernel in a secure way—no need to recompile the kernel or reboot the system Explore code examples in C, Go, and Python Gain a more thorough understanding of the BPF program lifecycle

Get to know Arch Linux! Volume 2 of Linux for Beginners should give you a fast and uncomplicated way to use Arch Linux. You will learn, how to get Arch Linux. how to install Arch Linux on your computer.

how to manage the basic settings in Arch Linux The perfect companion for your first steps with Arch Linux

If you are searching for the fastest way to learn the secrets of a professional hacker, then keep reading. You are about to begin a journey into the deepest areas of the web, which will lead you to understand perfectly the most effective strategies to hack any system you want, even if you have zero experience and you are brand new to programming. In this book, Daniel Howard has condensed all the knowledge you need in a simple and practical way, with real-world examples, step-by-step instructions and tips from his experience. Kali Linux is an open-source project, worldwide recognized as the most powerful tool for computer security and penetration testing, thanks to its large number of dedicated functions which will be discussed in detail. Anyone should read the information inside this book, at least to identify any potential security issue and prevent serious consequences for his own security or even his privacy. You need to stay a step ahead of any criminal hacker, which is exactly where you

will be after reading Hacking with Kali Linux. Moreover, don't forget that hacking is absolutely not necessarily associated to a criminal activity. In fact, ethical hacking is becoming one of the most requested and well-paid positions in every big company all around the world. If you are a student or a professional interested in developing a career in this world, this book will be your best guide. Here's just a tiny fraction of what you'll discover: Different types of hacking attacks What is ethical hacking How to crack any computer and any network system, accessing all the data you want How to master the Linux operating system and its command line How to use Kali Linux for hacking and penetration testing Kali Linux port scanning strategies Little known cryptography techniques Computer networks' vulnerabilities and the basics of cybersecurity How to identify suspicious signals and prevent any external attack against your own device How to use VPNs and firewalls If you are ready to access the hidden world of hacking, then click the BUY button and get your copy!

A Practical and Comprehensive Guide to Learn Linux Operating System and Master Linux Command Line. Contains Self-Evaluation Tests to Verify Your Learning Level

A Practical Guide to Ubuntu Linux

How to Write Policies, Control Access, and Secure an AWS Account

A Practical Guide to Linux System Administration

Intellectual Property and Open Source

Practical Guide for Programmers

WASHINGTON DANIEL BOONE AND THE FOUNDING OF KENTUCKY GEORGE ROGERS CLARK AND THE CONQUEST OF THE NORTHWEST THE BATTLE OF TRENTON BENNINGTON KING'S MOUNTAIN THE STORMING OF STONY POINT GOUVERNEUR MORRIS GOUVERNEUR MORRIS. PARIS. AUGUST 10, 1792. THE BURNING OF THE "PHILADELPHIA" THE CRUISE OF THE "WASP" THE "GENERAL ARMSTRONG" PRIVATEER THE BATTLE OF NEW ORLEANS JOHN QUINCY ADAMS AND THE RIGHT OF PETITION FRANCIS PARKMAN (1822-1893) "REMEMBER THE ALAMO" HAMPTON ROADS THE FLAG-BEARER THE DEATH OF STONEWALL JACKSON THE CHARGE AT GETTYSBURG GENERAL GRANT AND THE VICKSBURG CAMPAIGN ROBERT GOULD SHAW CHARLES RUSSELL LOWELL SHERIDAN AT CEDAR CREEK LIEUTENANT CUSHING AND THE RAM "ALBEMARLE" FARRAGUT AT MOBILE BAY LINCOLN

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), administering 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!

A resource to help forensic investigators locate, analyze, and understand digital evidence found on modern Linux systems after a crime, security incident or cyber attack. Practical Linux Forensics dives into the technical details of analyzing postmortem forensic images of Linux systems which have been misused, abused, or the target of malicious attacks. It helps forensic investigators locate and analyze digital evidence found on Linux desktops, servers, and IoT devices. Throughout the book, you learn how to identify digital artifacts which may be of interest to an investigation, draw logical conclusions, and reconstruct past activity from incidents. You'll learn how Linux works from a digital forensics and investigation perspective, and how to interpret evidence from Linux environments. The techniques shown are intended to be independent of the forensic analysis platforms and tools used. Learn how to:

- Extract evidence from storage devices and analyze partition tables, volume managers, popular Linux filesystems (Ext4, Btrfs, and Xfs), and encryption
- Investigate evidence from Linux logs, including traditional syslog, the systemd journal, kernel and audit logs, and logs from daemons and applications
- Reconstruct the Linux startup process, from boot loaders (UEFI and Grub) and kernel initialization, to systemd unit files and targets leading up to a graphical login
- Perform analysis of power, temperature, and the physical environment of a Linux machine, and find evidence of sleep, hibernation, shutdowns, reboots, and crashes
- Examine installed software, including distro installers, package formats, and package management systems from Debian, Fedora, SUSE, Arch, and other distros
- Perform analysis of time and Locale settings, internationalization including language and keyboard settings, and geolocation on a Linux system
- Reconstruct user login sessions (shell, X11 and Wayland), desktops (Gnome, KDE, and others) and analyze keyrings, wallets, trash cans, clipboards, thumbnails, recent files and other desktop artifacts
- Analyze network configuration, including interfaces, addresses, network managers, DNS, wireless artifacts (Wi-Fi, Bluetooth, WMAN), VPNs (including WireGuard), firewalls, and proxy settings
- Identify traces of attached peripheral devices (PCI, USB, Thunderbolt, Bluetooth) including external storage, cameras, and mobiles, and reconstruct printing and scanning activity

Are you looking for a complete guide that enables you to use Linux and manage shell Linux like a pro? Are you struggling to navigate among all the Linux distributions out there and finding hard to define the best one for your needs? Do you want to evaluate your learning level step by step? If you want to learn how to use Linux step by step, but don't know where to start read on....you are the right place!!! 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 - The basics, including what an operating system is, what Linux is, how it has evolved over the years, how Linux works, the architecture of Linux, files hierarchy in Linux as well as the system architecture in Linux - How to get access to a Linux server if you don't already. How to install Linux on Virtual Machines on Windows and on MacOS - What a Linux distribution is and which one to choose. - The basic Linux commands you'll use most often. - What software is needed to connect to Linux from Mac and Windows computers? - Using C++ and python. - Shell scripting: The concept of shells in Linux, including what is a shell, how to gain access to the shell, the different types of shell, shell scripting along with basic command line editing - Managing text files - Benefits of using Linux as an operating system Linux is without doubt the most powerful operating system in the world. Yes, you may think Windows and macOS are powerful operating systems owing to the fact that they control much of the PC market but I have some stats that will change your perspective: Even if you've never used Linux before but want to learn it, to add it to your skillset and possibly start using it for networking, programming or even just simple web browsing, you will find this book helpful. Lucky for you, the book takes an easy to follow, beginner friendly approach to introduce you everything, beginner or advanced, to ensure you start applying what you learn right away. What are you waiting for ...be lucky and order your copy now!!!

Grit

Hero Tales from American History

A Practical Guide to Fedora and Red Hat Enterprise Linux

Fundamentals of Computer Programming with C#

A Practical Guide for Developers and IT Professionals

The Bulgarian C# Book

*This guide is a map for managing access in an AWS account. It contains everything you need to know to configure IAM identities and policies to safeguard the account. IAM is a notoriously complicated service. I remember when I started out with AWS I felt it was an obstacle, making everything a lot harder than necessary. Everything was hidden behind some technical jargon and it wasn't intuitive at all where to configure things. Then it's JSON policy structure required a lot of searching for solutions. IAM was in my way whatever I wanted to do. It was much later when I become interested in security and that was when I realized how essential IAM is to secure an AWS account. There are a lot of other services for security, such as Config, Security Hub, CloudTrail, and GuardDuty, but they all play a secondary role. The security of an account lies in the configuration of IAM. After a bit of learning, I started to see the underlying logic behind all those obscure terminology that felt so distant at first. The identities, the types and structure of the policies all fit into a bigger picture that defines the security posture of an account. This book is a comprehensive and easy-to-follow guide for everything you'll need to configure who can access an account and what they can do. It provides a ton of examples and practical tips with a lot of illustrations. It was written to give a complete overview of the different things you'll encounter in configuring access. You'll learn: * How IAM helps with account security * What are the different IAM identities * How to write policies * How the policy evaluation logic works*

Summary Learn Linux in a Month of Lunches shows you how to install and use Linux for all the things you do with your OS, like connecting to a network, installing software, and securing your system. Whether you're just curious about Linux or have to get up and running for your job, you'll appreciate how this book concentrates on the tasks you need to know how to do in 23 easy lessons. About the Technology If you've only used Windows or Mac OS X, you may be daunted by the Linux operating system. And yet learning Linux doesn't have to be hard, and the payoff is great. Linux is secure, flexible, and free. It's less susceptible to malicious attacks, and when it is attacked, patches are available quickly. If you don't like the way it looks or behaves, you can change it. And best of all, Linux allows users access to different desktop interfaces and loads of software, almost all of it completely free. About the Book Learn Linux in a Month of Lunches shows you how to install and use Linux for all the things you do with your OS, like connecting to a network, installing software, and securing your system. Whether you're just curious about Linux or need it for your job, you'll appreciate how this book focuses on just the tasks you need to learn. In easy-to-follow lessons designed to take an hour or less, you'll learn how to use the command line, along with practical topics like installing software, customizing your desktop, printing, and even basic networking. You'll find a road map to the commands and processes you need to be instantly productive. What's Inside Master the command line Learn about file systems Understand desktop environments Go from Linux novice to expert in just one month About the Reader This book is for anyone looking to learn how to use Linux. No previous Linux experience required. About the Author Steven Ovardia is a professor and librarian at LaGuardia Community College, CUNY. He curates The Linux Setup, a large collection of interviews with desktop Linux users, and writes for assorted library science journals. Table of Contents PART 1 - GETTING LINUX UP AND RUNNING Before you begin Getting to know Linux Installing Linux Getting to know your system Desktop environments Navigating your desktop PART 2 - A HOME OFFICE IN LINUX Installing software An introduction to Linux home/office software Text files and editors Working with files and folders on the command line Working with common command-line applications, part 1 Working with common command-line applications, part 2 Using the command line productively Explaining the Linux filesystem hierarchy Windows programs in Linux Establishing a workflow PART 3 - HOME SYSTEM ADMIN ON LINUX An in-depth look at package management and maintenance Updating the operating system Linux security Connecting to other computers Printing Version control for non-programmers Never the end

A guide to Linux covers such topics as logging in, compressing files, using the command line, scripting, and security.

"Clear, correct, and deep, this is a welcome addition to discussions of law and computing for anyone -- even lawyers!"-- Lawrence Lessig, Professor of Law at Stanford Law School and founder of the Stanford Center for Internet and Society If you work in information technology, intellectual property is central to your job -- but dealing with the complexities of the legal system can be mind-boggling. This book is for anyone who wants to understand how the legal system deals with intellectual property rights for code and other content. You'll get a clear look at intellectual property issues from a developer's point of view, including practical advice about situations you're likely to encounter. Written by an intellectual property attorney who is also a programmer, Intellectual Property and Open Source helps you understand patents, copyrights, trademarks, trade secrets, and licenses, with special focus on the issues surrounding open source development and the GPL. This book answers questions such as: How do open source and intellectual property work together? What are the most important intellectual property-related issues when starting a business or open source project? How should you handle copyright, licensing and other issues when accepting a patch from another developer? How can you pursue your own ideas while working for someone else? What parts of a patent should be reviewed to see if it applies to your work? When is your idea a trade secret? How can you reverse engineer a product without getting into trouble? What should you think about when choosing an open source license for your project? Most legal sources are too scattered, too arcane, and too hard to read. Intellectual Property and Open Source is a friendly, easy-to-follow overview of the law that programmers, system administrators, graphic designers, and many others will find essential.

A Practical Guide for the System Administrator

TCP/IP Sockets in C

A Linux and UNIX System Programming Handbook

A practical guide to Linux command-line, Bash scripting, and Shell programming, 2nd Edition

Linux for Beginners

A guide to Linux covers such topics as the command line utilities, the filesystem, the Shells, the Editors, and programming tools.

The Most Useful Tutorial and Reference, with Hundreds of High-Quality Examples for Every Popular Linux Distribution "First Sobell taught people how to use Linux ... now he teaches you the power of Linux. A must-have book for anyone who wants to take Linux to the next level."--Jon "maddog" Hall, Executive Director, Linux International Discover the Power of Linux-Covers macOS, too! Learn from hundreds of realistic, high-quality examples, and become a true command-line guru Covers MariaDB, DNF, and Python 3 300+ page reference section covers 102 utilities, including macOS commands For use with all popular versions of Linux, including Ubuntu, "Fedora, "openSUSE, "Red Hat, @Debian, Mageia, Mint, Arch, CentOS, and macOS Linux is today's dominant Internet server platform. System administrators and Web developers need deep Linux fluency, including expert knowledge of shells and the command line. This is the only guide with everything you need to achieve that level of Linux mastery. Renowned Linux expert Mark Sobell has brought together comprehensive, insightful guidance on the tools sysadmins, developers, and power users need most, and has created an outstanding day-to-day reference, updated with assistance from new coauthor Matthew Helmke. This title is 100 percent distribution and release agnostic. Packed with hundreds of high-quality, realistic examples, it presents Linux from the ground up: the clearest explanations and most useful information about everything from filesystems to shells, editors to utilities, and programming tools to regular expressions. Use a Mac? You'll find coverage of the macOS command line, including macOS-only tools and utilities that other Linux/UNIX titles ignore. A Practical Guide to Linux® Commands, Editors, and Shell Programming, Fourth Edition, is the only guide to deliver A MariaDB chapter to get you started with this ubiquitous relational database management system (RDBMS) A masterful introduction to Python for system administrators and power users In-depth coverage of the bash and tsh shells, including a complete discussion of environment, inheritance, and process locality, plus coverage of basic and advanced shell programming Practical explanations of core utilities, from aspell to xargs, including printf and sshfs/curlftpfs, PLUS macOS--specific utilities from ditto to SetFile Expert guidance on automating remote backups using rsync Dozens of system security tips, including step-by-step walkthroughs of implement ...

Are you looking for a complete guide which enables you to use Linux and manage shell Linux like a pro? Are you struggling to navigate among all the Linux distributions out there and finding hard to define the best one for your needs? Do you want to evaluate your learning level step by step? Linux is without doubt the most powerful operating system in the world. Yes, you may think Windows and macOS are powerful operating systems owing to the fact that they control much of the PC market but I have some stats that will change your perspective: As of 2019 100% of the world's supercomputers run on Linux 23 of the top 25 websites in the world run on Linux 96.3% of the world's top 1 million servers run on Linux 90% of the world's cloud infrastructure operates on Linux All the best cloud hosts run on Linux I believe you now appreciate just how Linux is not really given as much credit for running the world behind the scenes and have even greater motivation to learn it. The book discusses the ins and outs of Linux in a beginner friendly style to make your learning process frustration free, as the book does not assume you know anything about Linux. More precisely, this book will teach you: The basics, including what an operating system is, what Linux is, how it has evolved over the years, how Linux works, the architecture of Linux, files hierarchy in Linux as well as the system architecture in Linux Benefits of using Linux as an operating system Linux distributions, including how to choose a distribution from the different distributions available, depending on your unique needs How to use Linux text editors How to install Linux on Virtual Machines on Windows 10 How to install Linux on Virtual Machines on MacOS The concept of shells in linux, including what is a shell, how to gain access to the shell, the different types of shell, shell scripting along with basic command line editing How to unleash the full power of different commands in Linux to maximize your user experience How to set up access levels and assign users different privileges in Linux, including the different types of users in Linux and more How to make the most use of Linux for network administration Some great Linux alternatives to some of the popular Windows applications And much more Even if you've never used Linux before but want to learn it, to add it to your skillset and possibly start using it for networking, programming or even just simple web browsing, you will find this book helpful. Lucky for you, the book takes an easy to follow, beginner friendly approach to introduce you everything, beginner or advanced, to ensure you start applying what you learn right away. PS: To help you learn even faster, there is a quiz at the end of every chapter along with answers shortly after to help you test your understanding of the concepts you will have learned in that chapter. If you want to learn Linux but don't know where to start... Click Buy Now With 1-Click or Buy Now to get started!

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 Linux Command Line

Networking Linux

A Practical Guide to Linux® Commands, Editors, and Shell Programming, Third Edition

The Book of Xen

A Practical Guide for Complete Beginners on How to Master and Discover Surprisingly Tips On How to Use Linux Efficiently

A Practical Guide to Linux® Commands, Editors, and Shell Programming

Become productive with seamless interoperability between Windows and the Linux subsystem, and understand the problems that Windows Subsystem for Linux (WSL) solves. Microsoft has pushed the boundaries of open source research with WSL and you don't want to miss this ride. You will learn keywords, definitions, new features, setup, and use cases around WSL, starting from downloading to setup to interoperability between Windows and Linux subsystems. You will understand the architecture of WSL and all the new features in WSL 2. This book includes wonderful use cases, including a dedicated chapter to how to start programming and web development on WSL, and the ability to use containerization solutions like Docker and Kubernetes. WSL is a great solution to work natively in a Linux environment from your Windows 10 machines. Modern applications demand integration of cross-platform tools, services and technologies. WSL makes life for developers and system administrators easy because it allows Linux applications to run on Windows without worrying about installing a Linux distribution on a traditional Virtual Machine. It is remarkable product with powerful functionality -- get started with it using this book today. What You'll Learn Review the workings and internals of WSL and WSL2 Run Linux-based applications natively on Windows Establish your development environment in WSL Build mixed experiences (Windows-Linux) Set up and manage WSL and supported distribution packages. Who This Book Is For Programmers, web developers and system administrators working on Windows and Linux environments who want to bridge the gap between operating systems by running a Linux as a subsystem on Windows to boost their overall productivity, performance and delivery.

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

- Create and delete files, directories, and symlinks
- Administer your system, including networking, package installation, and process management
- Use standard input and output, redirection, and pipelines
- Edit files with Vi, the world's most popular text editor
- Write shell scripts to automate common or boring tasks
- Slice and dice text files with cut, paste, grep, patch, and sed

Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust.

"For use with all popular versions of Linux, including Ubuntu, Fedora, openSUSE, Red Hat, Debian, Mageia, Mint, Arch, CentOS, and macOS."--Amazon.com.

Master the complexities of Bash shell scripting and unlock the power of shell for your enterprise Key Features Identify high-level steps such as verifying user input Using the command line and conditional statements in creating/executing simple shell scripts Create and edit dynamic shell scripts to manage complex and repetitive tasks Leverage the command-line to bypass GUI and automate common tasks Book Description In this book, you'll discover everything you need to know to master shell scripting and make informed choices about the elements you employ. Grab your favorite editor and start writing your best Bash scripts step by step. Get to grips with the fundamentals of creating and running a script in normal mode, and in debug mode. Learn about various conditional statements' code snippets, and realize the power of repetition and loops in your shell script. You will also learn to write complex shell scripts. This book will also deep dive into file system administration, directories, and system administration like networking, process management, user authentications, and package installation and regular expressions. Towards the end of the book, you will learn how to use

Python as a BASH Scripting alternative. By the end of this book, you will know shell scripts at the snap of your fingers and will be able to automate and communicate with your system with keyboard expressions. What you will learn Make, execute, and debug your first Bash script Create interactive scripts that prompt for user input Foster menu structures for operators with little command-line experience Develop scripts that dynamically edit web configuration files to produce a new virtual host Write scripts that use AWK to search and reports on log files Draft effective scripts using functions as building blocks, reducing maintenance and build time Make informed choices by comparing different script languages such as Python with BASH Who this book is for If you are a Linux administrator or a system administrator and are interested in automating tasks in your daily lives, saving time and effort, this book is for you. Basic shell scripting and command-line experience will be required. Familiarity with the tasks you need to automate will be helpful.

Practical Guide to Computer Network Hacking, Encryption, Cybersecurity and Penetration Testing for Beginners. the Secrets of VPN Services, Firewalls and the Linux Command Line

A Practical Guide to Red Hat Linux

A Practical Guide to Linux Commands, Editors, and Shell Programming

The Linux Command Line, 2nd Edition

Learn Windows Subsystem for Linux

A Practical Guide To Linux

This book highlights practical sysadmin skills, common architectures that you'll encounter, and best practices that apply to automating and running systems at any scale, from one laptop or server to 1,000 or more. It is intended to help orient you within the discipline, and hopefully encourages you to learn more about system administration.

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

"First Sobell taught people how to use Linux ... now he teaches you the power of Linux. A must-have book for anyone who wants to take Linux to the next level."--Jon 'maddog' Hall, Executive Director, Linux International. New Chapters on Python and MySQL - Covers Perl, too! Learn from hundreds of realistic, high-quality examples, and become a true Linux command-line guru! NEW! Covers busybox, Midnight Commander, screen, and sshfs/curlftp Covers the Mac OS X command line and its unique tools 295-page reference covers 98 utilities, including Mac OS X commands! For use with all popular versions of Linux, including Ubuntu, Fedora, openSUSE, Red Hat®, Debian, Mageia, Mint, Arch, CentOS, and Mac OS X, too! The Most Useful Tutorial and Reference, with Hundreds of High-Quality Examples for Every Popular Linux Distribution Linux is today's dominant Internet server platform. System administrators and Web developers need deep Linux fluency, including expert knowledge of shells and the command line. This is the only guide with everything you need to achieve that level of Linux mastery. Renowned Linux expert Mark Sobell has brought together comprehensive, insightful guidance on the tools sysadmins, developers, and power users need most, and has created an outstanding day-to-day reference. This title is 100 percent distribution and release agnostic. Packed with hundreds of high-quality, realistic examples, it presents Linux from the ground up: the clearest explanations and most useful information about everything from filesystems to shells, editors to utilities, and programming tools to regular expressions. Use a Mac? You'll find coverage of the Mac OS X command line, including OS X-only tools and utilities other Linux/UNIX titles ignore. Sobell presents a new MySQL chapter. There's even an expert introduction to Python - today's most valuable tool for automating complex, time-consuming administration tasks. A Practical Guide to Linux® Commands, Editors, and Shell Programming, Third Edition, is the only guide to deliver A MySQL chapter to get you started with this ubiquitous relational database management system (RDBMS) A masterful introduction to Python for system administrators and power users New coverage of the busybox single binary collection of utilities, the screen terminal session manager/multiplexer, and the mc (Midnight Commander) textual file manager, plus a new chapter on using ssh for secure communication.

Practical Linux Forensics

A Practical Guide to AWS IAM

Linux Observability with BPF

The Linux Programming Interface

A Practical Guide to Hacking the Internet of Things