Crudismo In Pratica Il Videocorso Delle Preparazioni Fondamentali Dvd

A thrilling novel from #1 New York Times bestselling author Tami Hoag, "one of the most intense suspense writers around" (Chicago Tribune). Dana Nolan was a promising young TV reporter until a notorious serial killer tried to add her to his list of victims. Nearly a year has passed since she survived her ordeal, but the physical, emotional, and psychological scars run deep. Struggling with the torment of post-traumatic stress syndrome, plagued by flashbacks and nightmares, Dana returns to her hometown in an attempt to begin to put her life back together. But home doesn't provide the comfort she expects. Dana's harrowing story and her return to small-town life have rekindled police and media interest in the unsolved case of her childhood best friend, Casey Grant, who disappeared without a trace the summer after their graduation from high school. Terrified of truths long buried, Dana reluctantly begins to look back at her past. Viewed through the dark filter of PTSD, old friends and loved ones become suspects and enemies. Questioning everything she knows, refusing to be defined by the traumas of her past, Dana seeks out a truth that may prove too terrible to be believed...

The Shift—the book inspired by the movie of the same name—illustrates how and why to make the move from ambition to meaning. Experience the internationally renowned principles and teachings of Dr. Wayne W.

Dyer as they come to life in this one-of-a-kind enhanced e-book. Download The Shiftand allow these lessons to guide you down a more authentic and rewarding path today. As we contemplate leaving the morning of our life, where ego has played a commanding role, and entering the afternoon (and evening), where meaning and purpose replace ambition and struggle, we may encounter unexpected occurrences that accompany this new direction. It's almost a universal law that we'll experience a fall of some kind. Yet these falls or low points provide the energy we need to move away from ego and into a life of meaning and purpose. The Shift doesn't mean that we lose our drive and ambition; it signifies that we become ambitious about something new. We make a commitment to living a life based on experiencing meaning and feeling purposeful, rather than a life based on never-ending demands and false promises that are the trademark of the ego's agenda. This book discusses blind investigation and recovery of digital evidence left behind on digital devices, primarily for the purpose of tracing cybercrime sources and criminals. It presents an overview of the challenges of digital image forensics, with a specific focus on two of the most common forensic problems. The first part of the book addresses image source investigation, which involves mapping an image back to its camera source to facilitate investigating and tracing the source of a crime. The second part of the book focuses on image-forgery detection, primarily focusing on "copy-move forgery" in digital images, and presenting effective solutions to copy-move forgery detection with an emphasis on additional

related challenges such as blur-invariance, similar genuine object identification, etc. The book concludes with future research directions, including counter forensics. With the necessary mathematical information in every chapter, the book serves as a useful reference resource for researchers and professionals alike. In addition, it can also be used as a supplementary text for upper-undergraduate and graduate-level courses on "Digital Image Processing", "Information Security", "Machine Learning", "Computer Vision" and "Multimedia Security and Forensics".

What Every American Needs to Know About the War on Free Enterprise--and Freedom Itself America: be warned. A new wave of financial reformers has infiltrated our public institutions at both the state and national levels. A growing army of self-proclaimed activists, philanthropists, and politicians has infiltrated not only the Consumer Financial Protection Bureau, but the FDIC, the Treasury, and other regulatory agencies. This explosive new book from New York Times bestselling author Jay W. Richards reveals the shocking truth about: The latest financial regulations—what every consumer and businessperson needs to know The Dodd-Frank Reform Act—how it targets the wrong people and problems Elizabeth Warren and the Consumer Financial Protection Bureau—what they're really up to Consumer credit and debt—why we need to stop blaming the banks The war against free enterprise—what you can do to fight back This startling account walks you through America's government and financial industry from the inside out—exposing the surprising history, the colorful

characters, and the earthshaking events that got us where we are today. You'll meet the political ideologues and extremists whose good intentions paved the road to financial hell. You'll witness the "blame game" in action, as politicians and the media use the 2008 meltdown as an excuse to further their own agendas. You'll learn about the terrible consequences that sweeping government reforms have on small businesses and other industries that had nothing to do with the financial crisis. Finally, you'll find a special resource section of positive actions and ideas to help you stand up and speak out for your rights. America is at a crossroads. It is time for us to choose between stricter government control that limits our freedom or a more open free market that is the key to prosperity. This book could make all the difference. FREE ENTERPRISE IS UNDER ATTACK. THIS BOOK IS AMERICA'S WAKE-UP CALL. "Big government statists have created a destructive myth that deregulation and greed caused the financial crisis. Richards demonstrates that altruistic government policies supported by crony socialists were the primary cause of the crisis. It is important to debunk the statist myth, because it has been the justification for extremely harmful public policies." John Allison, President and CEO, Cato Institute, and New York Times bestselling author of The Financial Crisis and the Free Market Cure "Infiltrated strips the pretense of compassion from 'community action' and rips away the patina of idealism from housing 'fairness' hustles. . . . While naming the names and crimes of housing 'charity' scammers, Richards expounds an inspiring liberation philosophy of

true economic compassion and win-win economic growth for all." George Gilder, author of Knowledge and Power "Fearless and brilliant. Dr. Richards boldly addresses important consumer lending issues in a detailed and exhaustive manner. You may not like his conclusions, but to detractors I say prove him wrong. The absolute best book of its kind." Harold A. Black, PhD, Smith Professor of Finance (Emeritus), University of Tennessee "If you want to know why the popular wisdom about the causes and effects of the financial crisis is mostly wrong, and how such myths will help facilitate similar crises in the future, Jay Richards's Infiltrated is an eye-opener." Samuel Gregg, author of Becoming Europe

A comprehensive guide to mastering the art of preventing your Linux system from getting compromised. Key Features Leverage this guide to confidently deliver a system that reduces the risk of being hacked Perform a number of advanced Linux security techniques such as network service detection, user authentication, controlling special permissions, encrypting file systems, and much more Master the art of securing a Linux environment with this end-to-end practical guide Book Description This book has extensive coverage of techniques that will help prevent attackers from breaching your system, by building a much more secure Linux environment. You will learn various security techniques such as SSH hardening, network service detection, setting up firewalls, encrypting file systems, protecting user accounts, authentication processes, and so on. Moving forward, you will also develop hands-on

skills with advanced Linux permissions, access control, special modes, and more. Lastly, this book will also cover best practices and troubleshooting techniques to get your work done efficiently. By the end of this book, you will be confident in delivering a system that will be much harder to compromise. What you will learn Use various techniques to prevent intruders from accessing sensitive data Prevent intruders from planting malware, and detect whether malware has been planted Prevent insiders from accessing data that they aren't authorized to access Do quick checks to see whether a computer is running network services that it doesn't need to run Learn security techniques that are common to all Linux distros, and some that are distro-specific Who this book is for If you are a systems administrator or a network engineer interested in making your Linux environment more secure, then this book is for you. Security consultants wanting to enhance their Linux security skills will also benefit from this book. Prior knowledge of Linux is mandatory.

You are not doomed by your genes and hardwired to be a certain way for the rest of your life. A new science is emerging that empowers all human beings to create the reality they choose. In Breaking the Habit of Being Yourself, renowned author, speaker, researcher, and chiropractor Dr. Joe Dispenza combines the fields of quantum physics, neuroscience, brain chemistry, biology, and genetics to show you what is truly possible. Not only will you be given the necessary knowledge to change any aspect of yourself, but you will be taught the step-by-step tools to apply what you learn in order to

make measurable changes in any area of your life. Dr. Joe demystifies ancient understandings and bridges the gap between science and spirituality. Through his powerful workshops and lectures, thousands of people in 24 different countries have used these principles to change from the inside out. Once you break the habit of being yourself and truly change your mind, your life will never be the same!

Maya spends each day in her café, dreaming of a perfect life: one filled with love, wealth, and beauty. But she can't create the life she longs for. She tries to find fulfillment in the pursuit of men and money, and when that doesn't work, she seeks comfort in chocolate. This just leaves her empty and lost. Then Maya meets a magical stranger who sets her on a path to create the life of her dreams…This sweet and touching true-life tale about love, success, weight loss, and enlightenment will show you what is possible when you listen to your heart, believe in yourself, and take inspired actions in the direction of your dreams. Based on the author's actual experiences, this is a tale of transformation that reveals how to love another without losing yourself, find work that makes your heart sing, and revel in the delightful decadence of chocolate without guilt or recrimination! The latest Windows security attack and defense strategies "Securing Windows begins with reading this book." --James Costello (CISSP) IT Security Specialist, Honeywell Meet the challenges of Windows security with the exclusive Hacking Exposed "attack-countermeasure" approach. Learn how real-world malicious hackers conduct reconnaissance of targets and then exploit

common misconfigurations and software flaws on both clients and servers. See leading-edge exploitation techniques demonstrated, and learn how the latest countermeasures in Windows XP, Vista, and Server 2003/2008 can mitigate these attacks. Get practical advice based on the authors' and contributors' many years as security professionals hired to break into the world's largest IT infrastructures. Dramatically improve the security of Microsoft technology deployments of all sizes when you learn to: Establish business relevance and context for security by highlighting real-world risks Take a tour of the Windows security architecture from the hacker's perspective, exposing old and new vulnerabilities that can easily be avoided Understand how hackers use reconnaissance techniques such as footprinting, scanning, banner grabbing, DNS queries, and Google searches to locate vulnerable Windows systems Learn how information is extracted anonymously from Windows using simple NetBIOS, SMB, MSRPC, SNMP, and Active Directory enumeration techniques Prevent the latest remote network exploits such as password grinding via WMI and Terminal Server, passive Kerberos logon sniffing, rogue server/man-in-the-middle attacks, and cracking vulnerable services See up close how professional hackers reverse engineer and develop new Windows exploits Identify and eliminate rootkits, malware, and stealth software Fortify SQL Server against external and insider attacks Harden your clients and users against the latest e-mail phishing, spyware, adware, and Internet Explorer threats Deploy and configure the latest

Windows security countermeasures, including BitLocker,
Integrity Levels, User Account Control, the updated
Windows Firewall, Group Policy, Vista Service
Refactoring/Hardening, SafeSEH, GS, DEP, Patchguard,
and Address Space Layout Randomization
Matrix Energeticsis a teachable healing phenomenon
which merges the science of subtle energy and quantum
physics with the incredible power of our own active
imaginations and focused intent to produce physical and
verifiable results. You can begin to unlock and awaken
the powers, abilities, and awareness that are your birth
right and spiritual heritage--the transformation of your
morphic resonance of the whole being through Matrix
Energetics--a technology of awareness that is
transferable, teachable and universally available.
Quantum physics teaches us that we are made of light
and information; that so-called "Classic Reality" is
actually an illusion. Photons move backwards and
forwards in time and where they meet creates the
present moment. Bartlett has found that metaphorically,
we can time travel and access states of health and
awareness and bring them into the present moment,
instantly affecting beneficial changes in the conditions of
people's lives. This is possible because everything is
part of the zero point energy field, what some physicists
have called "The Mind of God."
The Raspberry Pi is deceptively simple. Plug it in, boot it
up, and use it as a personal computer, or attach a million
gizmos and modules and invent something new and
amazing. Either way, what it can actually do is not
simple, and you should know exactly what the Raspberry

Pi hardware is all about. Raspberry Pi Hardware Reference, from Mastering the Raspberry Pi, is the hardware guide you need on your desk or workbench. Every detail is covered: from power to memory, from the CPU to working with USB. You'll find all the details about working with both wired and wireless Ethernet, SD cards, and the UART interface. The GPIO chapter is invaluable, covering power budgeting, access, and even small but important details like the correct usage of sudo when working with GPIO pins. You'll also find details about the 1-Wire driver, the I2C bus, and the SPI bus. If you need to know anything about your Raspberry Pi's hardware, you will find it here, in Raspberry Pi Hardware Reference.

From the New York Times best-selling author of You Can Heal Your Life Mirror work has long been Louise Hay's signature method for cultivating a deeper relationship with yourself and others, and leading a rich and meaningful life. Now, in Mirror Work, she shows how in just 21 days, you can master this simple but powerful practice as an ongoing support for positive transformation and self-care. "I have been teaching people how to do mirror work as long as I have been teaching affirmations . . . The most powerful affirmations are those you say out loud when you are in front of a mirror, looking deeply into your eyes. A mirror reflects back to you the feelings you have about yourself. It makes you immediately aware of where you are resisting and where you are open and flowing. It clearly shows what thoughts you will need to change if you want to have a joyous, fulfilling life." - Louise Hay

Describes the case of a young woman suffering from anxiety attacks, explains how hypnosis revealed her memories of past lives, and discusses the usefulness of regression therapy

Jump right into the pro-level guts of the Raspberry Pi with complete schematics and detailed hardware explanations as your guide. You'll tinker with runlevels, reporting voltages and temperatures, and work on a variety of project examples that you can tune for your own project ideas.. This book is fully updated for the latest Pi boards with three chapters dedicated to GPIO to help you master key aspects of the Raspberry Pi. You'll work with Linux driver information and explore the different Raspberry Pi models, including the Pi Zero, Pi Zero W, Pi 2, Pi3 B and Pi3 B+. You'll also review a variety of project examples that you can tune for your own project ideas. Other topics covered include the 1-Wire driver interface, how to configure a serial Linux console, and cross-compile code, including the Linux kernel. You'll find yourself turning to Advanced Raspberry Pi over and over again for both inspiration and reference. Whether you're an electronics professional, an entrepreneurial maker, or just looking for more detailed information on the Raspberry Pi, this is exactly the book for you. What You'll Learn Master I2C and SPI communications from Raspbian Linux in C Program USB peripherals, such as a 5-inch LCD panel with touch control and the Pi camera Study GPIO hardware, the sysfs driver interface and direct access from C programs Use and program the UART serial device. Who This Book Is For Advanced Raspberry Pi

users who have experience doing basic projects and want to take their projects further.

With this powerful book, bestselling author Stuart Wilde shows you that to create miracles, you have to be very clear about what it is you want. By being forthright and acting as if you have already obtained the object or condition that you desire, you create such a powerful energy that the Universal Law gives you whatever you are seeking.

Could our deepest hurts reveal the key to a powerful form of prayer that was lost 17 centuries ago? What can we learn today from the great secret of our most cherished traditions? "There are beautiful and wild forces within us." With these words, the mystic St. Francis described what ancient traditions believed was the most powerful force in the universe – the power of prayer. For more than 20 years, Gregg Braden has searched for evidence of a forgotten form of prayer that was lost to the West following the biblical edits of the early Christian Church. In the 1990s, he found and documented this form of prayer still being used in the remote monasteries of central Tibet. He also found it practiced in sacred rites throughout the high deserts of the American Southwest. In this book, Braden describes this ancient form of prayer that has no words or outward expressions. Then, for the first time in print, he leads us on a journey exploring what our most intimate experiences tell us about our deepest beliefs. Through case histories and personal accounts, Braden explores the wisdom of these timeless secrets, and the power that awaits each of us . . . just beyond our deepest hurt!

Nastasya has lived for hundreds of years, but for some reason, life never seems to get any better. She left her spoiled, rich girl life to find peace at River's Edge, a safe haven for wayward immortals. There, she learned to embrace River's Edge, despite som drama involving the sexy Reyn, who she wants but won't allow herself to have. But just as she's getting comfortable, her family's ties to dark magick force her to leave. She falls back into her old, hard partying ways, but will her decision lead her into the hands of a dark immortal? Or will it be her first step to embracing the darkness within her?

Praise for Under Wildwood: 'Droll and ornate, elegiac and romantic - the sequel to Wildwood (2011) brings readers deeper into and under the pine-scented, magical world tantalizingly close to Portland, Ore . . . The incomparable Ellis more than rises to the challenge - her sly, wistful, abundant illustrations provide an emotional through line.' (Kirkus Reviews) 'Much like its predecessor, UNDER WILDWOOD is full of whimsical and charming details, both in its text and in its delightfully drawn illustrations . . . the Wildwood Chronicles remain as captivating and imaginative as ever, and readers of all ages will enjoy the return journey to --- and under --- Wildwood.' http://www.kidsreads.com/reviews/under-wildwood-the-wildwood-chronicles-book-ii 'If you are after a Christmas gift for the young bookworm in the family, Colin Meloy's Wildwood series is a good bet . . . The books have the feel of classic children's fantasy a cross between The Chronicles of Narnia and The Wind in the Willows, with a bit of Tolkien thrown in, and their appeal is increased by delightful, old-school illustrations

from Meloy's wife, Carson Ellis . . . Meloy's archaic diction and adventurous creations make the Wildwood books deservedly popular.' Cameron Woodhead, The Age Ever since Prue McKeel returned home from the Impassable Wilderness after rescuing her brother from the malevolent Dowager Governess, life has been pretty dull. School holds no interest for her, and her new science teacher keeps getting on her case about her dismal test scores and daydreaming in class. Her mind is constantly returning to the verdant groves and sky-tall trees of Wildwood, where her friend Curtis still remains as a bandit-in-training. But all is not well in that world. Dark assassins with mysterious motives conspire to settle the scores of an unknown client. A titan of industry employs inmates from his orphanage to work in his machine shop, all the while obsessing over the exploitation of the Impassable Wilderness. And, in what will be their greatest challenge yet, Prue and Curtis are thrown together again to save themselves and the lives of their friends, and to bring unity to a divided country. But in order to do that, they must go under Wildwood. In Under Wildwood, Colin Meloy and Carson Ellis reveal new dimensions of the epic fantasy-adventure series begun with the critically acclaimed, bestselling Wildwood. What will you learn from this book? It's no secret the world around you is becoming more connected, more configurable, more programmable, more computational. You can remain a passive participant, or you can learn to code. With Head First Learn to Code you'll learn how to think computationally and how to write code to make your computer, mobile device, or anything with a CPU do

things for you. Using the Python programming language, you'll learn step by step the core concepts of programming as well as many fundamental topics from computer science, such as data structures, storage, abstraction, recursion, and modularity. Why does this book look so different? Based on the latest research in cognitive science and learning theory, Head First Learn to Code uses a visually rich format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

Get up and running with collecting evidence using forensics best practices to present your findings in judicial or administrative proceedings Key Features Learn the core techniques of computer forensics to acquire and secure digital evidence skillfully Conduct a digital forensic examination and document the digital evidence collected Analyze security systems and overcome complex challenges with a variety of forensic investigations Book Description A computer forensics investigator must possess a variety of skills, including the ability to answer legal questions, gather and document evidence, and prepare for an investigation. This book will help you get up and running with using digital forensic tools and techniques to investigate cybercrimes successfully. Starting with an overview of forensics and all the open source and commercial tools needed to get the job done, you'll learn core forensic practices for searching databases and analyzing data over networks, personal devices, and web applications. You'll then learn how to acquire valuable information from different places, such as filesystems, e-mails, browser histories, and search queries, and capture data remotely. As you advance, this book will

guide you through implementing forensic techniques on multiple platforms, such as Windows, Linux, and macOS, to demonstrate how to recover valuable information as evidence. Finally, you'll get to grips with presenting your findings efficiently in judicial or administrative proceedings. By the end of this book, you'll have developed a clear understanding of how to acquire, analyze, and present digital evidence like a proficient computer forensics investigator. What you will learn Understand investigative processes, the rules of evidence, and ethical guidelines Recognize and document different types of computer hardware Understand the boot process covering BIOS, UEFI, and the boot sequence Validate forensic hardware and software Discover the locations of common Windows artifacts Document your findings using technically correct terminology Who this book is for If you're an IT beginner, student, or an investigator in the public or private sector this book is for you. This book will also help professionals and investigators who are new to incident response and digital forensics and interested in making a career in the cybersecurity domain.

1922-1944 the author claims that all disease is one entity and is caused by wrong living - The breaking of the laws of health. the hygienic system is not a system of medicine - it does not pretend to cure, but it permits nature to cure. Remove the cau.

Python Deep Learning Projects book will simplify and ease how deep learning works, and demonstrate how neural networks play a vital role in exploring predictive analytics across different domains. You will explore projects in the field of computational linguistics, computer vision, machine translation, pattern recognition and many more

Given our increasing dependency on computing technology in daily business processes, and the growing opportunity to use engineering technologies to engage in illegal, unauthorized,

and unethical acts aimed at corporate infrastructure, every organization is at risk. Cyber Forensics: A Field Manual for Collecting, Examining, and Preserving Evidence o Rediscover the power of inspiration with timeless stories about the everyday miracles that illuminate the best of the human spirit. Whether you're discovering Chicken Soup for the first time or are a long time fan, this volume will inspire you to be a better person, reach for your highest potential, share your love and embrace the world around you. This book is a marvellous thing: an important intervention in the policy debate about information security and a practical text for people trying to improve the situation. — Cory Doctorowauthor, co-editor of Boing Boing A future with billions of connected "things" includes monumental security concerns. This practical book explores how malicious attackers can abuse popular IoT-based devices, including wireless LED lightbulbs, electronic door locks, baby monitors, smart TVs, and connected cars. If you're part of a team creating applications for Internet-connected devices, this guide will help you explore security solutions. You'll not only learn how to uncover vulnerabilities in existing IoT devices, but also gain deeper insight into an attacker's tactics. Analyze the design, architecture, and security issues of wireless lighting systems Understand how to breach electronic door locks and their wireless mechanisms Examine security design flaws in remote-controlled baby monitors Evaluate the security design of a suite of IoT-connected home products Scrutinize security vulnerabilities in smart TVs Explore research into security weaknesses in smart cars Delve into prototyping techniques that address security in initial designs Learn plausible attacks scenarios based on how people will likely use IoT devices Dr Roy Martina has developed a powerful

comprehensive healing system called 'Omega healing'. This preventative system has been acknowledged as one of the most powerful healing techniques currently available. It tackles the root cause of problems – not just the symptoms. Balancing the emotional body and returning to our core essence restores us to greater health, ease and happiness. This fantastic CD package collects together some of Roy's most powerful teachings on this subject, along with meditations that will allow you to implement its incredible effects in your life. The first section provides an excellent introduction to Roy's background and how he came to heal himself using his Omega Healing technique. The second section features four incredible meditations that will allow you to heal every aspect of your life. The first provides energy and vitality. The second is a relaxing visualisation for the end of the day. The third helps with releasing feelings. The fourth helps heal traumas in our past lives. These meditations, recorded live in London and exclusively for Hay House showcase one of the brightest new voices in healing.

Crudismo in pratica. Il videocorso delle preparazioni fondamentali. DVDAn Introduction to Natural HygieneHealth Research Books

The success which attended the Latin "Graecitas Biblica" from its first (1944) to its revised and enlarged fourth Edition (1960) suggested the

advisability of an English translation. The purpose of the present treatise was not so much a purely scientific or philological one, as that of encouraging future ministers of the Word to have recourse to the original Greek text. This accounts for the multiplication of examples to illustrate the exegetical importance of the study of the Greek and also for the fact that attention has been given almost exclusively to points of syntax, morphology being relegated to a few remarks in the Conclusion (M. Zerwick S.J.). Turn your ideas into reality by programming and building embedded systems quicklyAbout This Book* Design and build powerful rapid prototypes for GNU/Linux Embedded systems* Address complex industry problems and program complete projects to acquire competence with the workings of embedded systems* Write, monitor, and configure applications quickly and effectively, manage an external micro-controller, and use it as co-processor for real-time tasksWho This Book Is ForThis book targets Embedded System developers and GNU/Linux programmers who would like to effectively program Embedded Systems and perform Embedded development. The book focuses to help rapidly build prototypes in a proficient manner. Some experience of hardware and Embedded Systems is assumed with exposure working on GNU/Linux systems. Knowledge of scripting on GNU/Linux is expected.What You Will Learn* Use embedded

systems to implement real-world projects* Learn to access and manage peripherals for embedded systems* Program embedded systems using languages such as C, Python, BASH, PHP* Using a complete distribution like Debian/Ubuntu or an embedded one like OpenWRT or Yocto* Harness device driver capabilities to optimize device communications* Using and accessing data through several kinds of devices such as analog, networking , multimedia, and several reader devices such as RTC, RFID, Smart Cards and z-Wave* Managing an external micro-controller for time critical tasksIn DetailEmbedded computers have become very complex in the last few years, and developers need to easily manage embedded computer projects by focusing on how to solve a problem. They should not be wasting time in finding supported peripherals or learning how to manage them. This book shows you how to interact with external environments through specific peripherals used in the industry. We will use the latest Linux kernel release 4.x and Debian/Ubuntu distributions (with embedded distributions such as OpenWRT and Yocto).This book presents popular boards in the industry that are user-friendly, such as Beaglebone Black, Atmel Xplained, Wandboard, and system-on-chip manufacturers, and provides projects based on them. You will take your first steps in programming the embedded platforms using the C, Bash, and

Python/PHP languages in order to get access to the external peripherals. We'll lay a strong foundation for using embedded systems quickly by covering the programming device driver and accessing the peripherals. You will learn how to read/write data from/to the external environment by using C programs or a scripting language (such as Bash/PHP/Python) and see how to configure a device driver for specific hardware.The final chapter explains how to use a micro-controller board based on the most used microcontroller to implement real-time or specific tasks that are normally not carried out on the GNU/Linux system . After finishing this book, you will be capable of applying these skills in real-world projects.

Develop a solid understanding of the important command-line tools and utilities in Linux Key Features Delve into the fundamentals of Linux Explore and work with virtualization, command lines, and Bash shell scripts Use special file permission flags such as setuid and setgid Book Description Linux is a Unix-like operating system assembled under the model of free and open source software development and distribution. Fundamentals of Linux will help you learn all the essentials of the Linux command line required to get you started. The book will start by teaching you how to work with virtualization software and install CentOS 7 Linux as a VM. Then, you will get to grips with the workings of

various command line operations, such as cursor movement, commands, options, and arguments. As you make your way through the chapters, the book will not only focus on the most essential Linux commands but also give an introduction to Bash shell scripting. Finally, you will explore advanced topics, such as networking and troubleshooting your system, and you will get familiar with the advanced file permissions: ACL, setuid, and setgid. Fundamentals of Linux includes real-world tasks, use cases, and problems that, as a system administrator, you might encounter in your day-to-day activities. What you will learn Explore basic and advanced command-line concepts Install Linux, work with VirtualBox, and install CentOS 7 in VirtualBox Work with the command line efficiently and learn how to navigate through the Linux filesystem Create file and user group permissions and edit files Use Sticky bit to secure your Linux filesystem Define and remove ACL from Linux files Who this book is for Fundamentals of Linux is for individuals looking to work as a Linux system administrator.
Implement Industrial-Strength Security on Any Linux Server In an age of mass surveillance, when advanced cyberwarfare weapons rapidly migrate into every hacker's toolkit, you can't rely on outdated security methods–especially if you're responsible for Internet-facing services. In Linux® Hardening in Hostile Networks, Kyle Rankin helps you to

implement modern safeguards that provide maximum impact with minimum effort and to strip away old techniques that are no longer worth your time. Rankin provides clear, concise guidance on modern workstation, server, and network hardening, and explains how to harden specific services, such as web servers, email, DNS, and databases. Along the way, he demystifies technologies once viewed as too complex or mysterious but now essential to mainstream Linux security. He also includes a full chapter on effective incident response that both DevOps and SecOps can use to write their own incident response plan. Each chapter begins with techniques any sysadmin can use quickly to protect against entry-level hackers and presents intermediate and advanced techniques to safeguard against sophisticated and knowledgeable attackers, perhaps even state actors. Throughout, you learn what each technique does, how it works, what it does and doesn't protect against, and whether it would be useful in your environment. Apply core security techniques including 2FA and strong passwords Protect admin workstations via lock screens, disk encryption, BIOS passwords, and other methods Use the security-focused Tails distribution as a quick path to a hardened workstation Compartmentalize workstation tasks into VMs with varying levels of trust Harden servers with SSH, use apparmor and sudo to limit the damage

attackers can do, and set up remote syslog servers to track their actions Establish secure VPNs with OpenVPN, and leverage SSH to tunnel traffic when VPNs can't be used Configure a software load balancer to terminate SSL/TLS connections and initiate new ones downstream Set up standalone Tor services and hidden Tor services and relays Secure Apache and Nginx web servers, and take full advantage of HTTPS Perform advanced web server hardening with HTTPS forward secrecy and ModSecurity web application firewalls Strengthen email security with SMTP relay authentication, SMTPS, SPF records, DKIM, and DMARC Harden DNS servers, deter their use in DDoS attacks, and fully implement DNSSEC Systematically protect databases via network access control, TLS traffic encryption, and encrypted data storage Respond to a compromised server, collect evidence, and prevent future attacks Register your product at informit.com/register for convenient access to downloads, updates, and corrections as they become available.

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