

Chanalyzer Pro Metageek

FreeBSD—the powerful, flexible, and free Unix-like operating system—is the preferred server for many enterprises. But it can be even trickier to use than either Unix or Linux, and harder still to master.

Absolute FreeBSD, 2nd Edition is your complete guide to FreeBSD, written by FreeBSD committer Michael W. Lucas. Lucas considers this completely revised and rewritten second edition of his landmark work to be his best work ever; a true product of his love for FreeBSD and the support of the FreeBSD community. Absolute FreeBSD, 2nd Edition covers installation, networking, security, network services, system performance, kernel tweaking, filesystems, SMP, upgrading, crash debugging, and much more, including coverage of how to:

- Use advanced security features like packet filtering, virtual machines, and host-based intrusion detection
- Build custom live FreeBSD CDs and bootable flash
- Manage network services and filesystems
- Use DNS and set up email, IMAP, web, and FTP services for both servers and clients
- Monitor your system with performance-testing and troubleshooting tools
- Run diskless systems
- Manage schedulers, remap shared libraries, and optimize your system for your hardware and your workload
- Build custom network appliances with embedded FreeBSD
- Implement redundant disks, even without special hardware

–Integrate FreeBSD-specific SNMP into your network management system. Whether you're just getting started with FreeBSD or you've been using it for years, you'll find this book to be the definitive guide to FreeBSD that you've been waiting for.

SQL Server with C# Applications Creating a full database application from scratch can be a challenge. You need to understand the basics of database design, as well as the specific Relational Database Management System (RDBMS) and its SQL. You need somehow to interface to this from your application which, by the way, you also need to design. You can get far with frameworks, but can you go all the way? Do you have a well-performing and maintainable solution? This book aims to guide you through the jungle. SQL Server is chosen as the main RDBMS, while the database-interface design is demonstrated to work with Oracle as well. The real-life sample application is written in C# using classic Windows Forms. However, the main design and databaseinterface is equally relevant for WPF and ASP.net. The database framework used is ADO.net. The author works with embedded systems and previously wrote the book "Embedded Software for the IoT." Creating database-based tools, he faced the challenges described, and refined a pattern over time.

CCNP Wireless certification addresses the need for designing, implementing, and operating Cisco

Wireless networks and mobility infrastructures. CCNP Wireless certification emphasizes wireless networking principles and theory. It also recognizes the expertise and technical acumen of wireless professionals who can assess and translate network business requirements into technical specifications that in turn, are incorporated into successful installations. The 642-731 CUWSS Conducting Cisco Unified Wireless Site Survey exam is one of the exams associated with the CCNP Wireless certification. This exam assesses a candidate's capability to plan and conduct a wireless site survey, to design the RF network and to conduct a post installation assessment to ensure compliancy. As a final exam preparation tool, the CCNP Wireless (CUWSS) Quick Reference provides a concise review of all objectives on the new Conducting Cisco Unified Wireless Site Survey (CUWSS) Exam (642-731). This digital Quick Reference provides you with detailed, graphical-based information, highlighting only the key topics in cram-style format. With this document as your guide, you will review topics on concepts and commands that apply to planning and conducting a wireless site survey, to designing the RF network and to conducting a post installation assessment to ensure compliancy. This fact-filled Quick Reference allows you to get all-important information at a glance, helping you focus your study on areas of weakness and enhancing

your memory retention of essential exam concepts. The next frontier for wireless LANs is 802.11ac, a standard that increases throughput beyond one gigabit per second. This concise guide provides in-depth information to help you plan for 802.11ac, with technical details on design, network operations, deployment, and monitoring. Author Matthew Gast—an industry expert who led the development of 802.11-2012 and security task groups at the Wi-Fi Alliance—explains how 802.11ac will not only increase the speed of your network, but its capacity as well. Whether you need to serve more clients with your current level of throughput, or serve your existing client load with higher throughput, 802.11ac is the solution. This book gets you started.

Understand how the 802.11ac protocol works to improve the speed and capacity of a wireless LAN
Explore how beamforming increases speed capacity by improving link margin, and lays the foundation for multi-user MIMO
Learn how multi-user MIMO increases capacity by enabling an AP to send data to multiple clients simultaneously
Plan when and how to upgrade your network to 802.11ac by evaluating client devices, applications, and network connections

A official study guide for the new CWNA exam furnishes comprehensive coverage of all exam objectives for those seeking to become certified wireless network administrators and offers an

integrated study system with step-by-step exercises, self-tests, and more than 150 practice questions with detailed answer explanations. Original.

(Intermediate)

CWSS certification will appeal to retail chains employing computer hardware and networking technicians Planet3 Wireless, founder of the CWNP program, reports that the home Wi-Fi market is expected to grow to more than \$20 billion by 2009 More than two billion wireless connectivity devices will ship in 2010, per the Gartner Group

"Network analysis is the process of listening to and analyzing network traffic. Network analysis offers an insight into network communications to identify performance problems, locate security breaches, analyze application behavior, and perform capacity planning. Network analysis (aka "protocol analysis") is a process used by IT professionals who are responsible for network performance and security." -- p. 2.

Provides information on ways to use Wireshark to capture and analyze packets, covering such topics as building customized capture and display filters, graphing traffic patterns, and building statistics and reports.

Embedded software is the engine-room of the embedded computing systems ubiquitous in today's electronic products and industrial systems? this is the one-stop resource for embedded software developers!

Showcases the Web design and publishing tool's updated features, covering toolbars, palettes, site management tools, layout design, Cascading Style Sheets, and image maps.

This is Cisco's official, comprehensive self-study resource for both wireless exams associated with the new Cisco Certified Network Professional (CCNP) Enterprise certification: Designing Cisco Enterprise Wireless Networks (ENWLSD 300-425) and Implementing Cisco Enterprise Wireless Networks (ENWLSI 300-430). It brings together all the conceptual and practical knowledge needed to design, survey, implement, maintain and troubleshoot modern Cisco wireless networks. Designed to help you study, prepare for, and pass the CCNP Enterprise ENWLSD 300-425 (design) and ENWLSI 300-430 300-420 ENSLD exams on your first attempt, this guide covers every exam objective concisely and logically, with extensive teaching features designed to promote retention and understanding. You'll find: Pre-chapter quizzes to assess knowledge upfront and focus your study more efficiently Foundation topics sections that explain concepts and configurations, and link theory to practice Key topics sections calling attention to every figure, table, and list you must know Exam Preparation sections with additional chapter review features Final preparation chapter providing tools and a complete final study plan A customizable practice test library, including access to sample exams offering realistic practice delivered through Pearson's state-of-the-art test prep test engine CCNP Enterprise Wireless Design and Implementation

ENWLSD 300-425 and ENWLSI 300-430 Official Cert Guide offers comprehensive, up-to-date coverage of all topics related to: Designing Cisco Enterprise Wireless Networks (ENWLSD): Site surveys Wired and wireless infrastructure Mobility WLAN high availability Implementing Cisco Enterprise Wireless Networks (ENWLSI): FlexConnect QoS Multicast Advanced location services Security for client connectivity Monitoring Device hardening

NOTE: The exam this book covered, CWTS: Certified Wireless Technology Specialist (PW0-071), was retired by CWNP in 2017 and is no longer offered. For coverage of the current exam CWTS, CWS, and CWT: Exams PW0, please look for the latest edition of this guide: CWTS, CWS, and CWT Complete Study Guide: Exams PW0 (9781119385035). Completely updated to cover the latest Certified Wireless Technology Specialist exam, this best-selling guide is the only Official Study Guide for the popular wireless certification. This foundation-level certification is in high demand for wireless networking professionals, and you can master all the exam topics with this Official guide. It covers all the exam objectives and helps you study with hands-on exercises, chapter review questions, an objective map, a pre-assessment test, and additional study tools on the companion website. The only official study guide endorsed by CWNP Thoroughly covers all exam objectives, including Wi-Fi Technology, Standards, and Certifications; Hardware and Software; Radio Frequency (RF) Fundamentals; Site Surveying and Installation; Applications, Support, and Troubleshooting; and Security

& Compliance Includes hands-on exercises and real-world scenarios to increase understanding Study aids include review questions, glossary, objective map, sample tests, and electronic flashcards CWTS: Certified Wireless Technology Specialist Official Study Guide, 2nd Edition is the study buddy that will enhance your chances for exam success. Note: CD-ROM materials for eBook purchases can be downloaded from <http://booksupport.wiley.com>.

Thoroughly prepare for the revised Cisco CCIE Wireless v3.x certification exams Earning Cisco CCIE Wireless certification demonstrates your broad theoretical knowledge of wireless networking, your strong understanding of Cisco WLAN technologies, and the skills and technical knowledge required of an expert-level wireless network professional. This guide will help you efficiently master the knowledge and skills you'll need to succeed on both the CCIE Wireless v3.x written and lab exams. Designed to help you efficiently focus your study, achieve mastery, and build confidence, it focuses on conceptual insight, not mere memorization. Authored by five of the leading Cisco wireless network experts, it covers all areas of the CCIE Wireless exam blueprint, offering complete foundational knowledge for configuring and troubleshooting virtually any Cisco wireless deployment. Plan and design enterprise-class WLANs addressing issues ranging from RF boundaries to AP positioning, power levels, and density Prepare and set up wireless network infrastructure, including Layer 2/3 and key network services Optimize existing wired networks to support wireless infrastructure Deploy,

configure, and troubleshoot Cisco IOS Autonomous WLAN devices for wireless bridging Implement, configure, and manage AireOS Appliance, Virtual, and Mobility Express Controllers Secure wireless networks with Cisco Identity Services Engine: protocols, concepts, use cases, and configuration Set up and optimize management operations with Prime Infrastructure and MSE/CMX Design, configure, operate, and troubleshoot WLANs with real-time applications

The latest wireless security solutions Protect your wireless systems from crippling attacks using the detailed security information in this comprehensive volume. Thoroughly updated to cover today's established and emerging wireless technologies, Hacking Exposed Wireless, second edition reveals how attackers use readily available and custom tools to target, infiltrate, and hijack vulnerable systems. This book discusses the latest developments in Wi-Fi, Bluetooth, ZigBee, and DECT hacking, and explains how to perform penetration tests, reinforce WPA protection schemes, mitigate packet injection risk, and lock down Bluetooth and RF devices. Cutting-edge techniques for exploiting Wi-Fi clients, WPA2, cordless phones, Bluetooth pairing, and ZigBee encryption are also covered in this fully revised guide. Build and configure your Wi-Fi attack arsenal with the best hardware and software tools Explore common weaknesses in WPA2 networks through the eyes of an attacker Leverage post-compromise remote client attacks on Windows 7 and Mac OS X Master attack tools to exploit wireless systems, including Aircrack-ng, coWPAtty, Pyrit, IPPON, FreeRADIUS-WPE, and the all

new KillerBee Evaluate your threat to software update impersonation attacks on public networks Assess your threat to eavesdropping attacks on Wi-Fi, Bluetooth, ZigBee, and DECT networks using commercial and custom tools Develop advanced skills leveraging Software Defined Radio and other flexible frameworks Apply comprehensive defenses to protect your wireless devices and infrastructure

CWTS: Certified Wireless Technology Specialist Official Study Guide(PW0-071)John Wiley & Sons

This book is intended to provide practice quiz questions based on the thirty-three areas of study defined for the Wireshark Certified Network AnalystT Exam. This Official Exam Prep Guide offers a companion to Wireshark Network Analysis: The Official Wireshark Certified Network Analyst Study Guide (Second Edition).

This significantly revised and expanded edition discusses how to use Wireshark to capture raw network traffic, filter and analyze packets, and diagnose common network problems.

This book constitutes the thoroughly refereed conference proceedings of the 12th International Conference on Cognitive Radio Oriented Wireless Networks, CROWNCOM 2017, held in Lisbon, Portugal, in September 2017. The 28 revised full papers presented were carefully reviewed and selected from numerous submissions and cover the evolution of cognitive radio technology pertaining to 5G networks. The papers are clustered to topics on spectrum management; network management; trials, test beds, and tools; PHY and sensing; spectrum management.

Provides instructions on how to build low-cost telecommunications infrastructure. Topics covered range from basic radio physics and network design to equipment and troubleshooting, a chapter on Voice over IP (VoIP), and a selection of four case studies from networks deployed in Latin America. The text was written and reviewed by a team of experts in the field of long distance wireless networking in urban, rural, and remote areas. Contents: 1) Where to Begin. 2) A Practical Introduction to Radio Physics. 3) Network Design. 4) Antennas & Transmission Lines. 5) Networking Hardware. 6) Security & Monitoring. 7) Solar Power. 8) Building an Outdoor Node. 9) Troubleshooting. 10) Economic Sustainability. 11) Case Studies. See the website for translations, including French, Spanish, Portuguese, Italian, Arabic, and others, and additional case studies, training course material, and related information

Discusses how to configure and manage Microsoft Server 2012's expanded capabilities, covering data management, user permissions, networking tools, and data integrity.

Hacker Techniques, Tools, and Incident Handling, Third Edition begins with an examination of the landscape, key terms, and concepts that a security professional needs to know about hackers and computer criminals who break into networks, steal information, and corrupt data. It goes on to review the technical overview of hacking: how attacks target networks and the methodology they follow. The final section studies those methods that are most effective when dealing with hacking attacks, especially in

an age of increased reliance on the Web. Written by subject matter experts, with numerous real-world examples, *Hacker Techniques, Tools, and Incident Handling, Third Edition* provides readers with a clear, comprehensive introduction to the many threats on our Internet environment and security and what can be done to combat them.

The *MicroStrategy Engine Essentials* course explains the inner workings of the MicroStrategy Engine. In this course, you will study specific reporting scenarios and the MicroStrategy Engine's techniques for composing the SQL queries that produce MicroStrategy reports. You will study concepts such as level metrics, transformation metrics, custom groups, and relationship filters from a SQL point of view. The course also reviews the most commonly used VLDB Properties.

A detailed and complete guide to exporting, collecting, analyzing, and understanding network flows to make managing networks easier. Network flow analysis is the art of studying the traffic on a computer network.

Understanding the ways to export flow and collect and analyze data separates good network administrators from great ones. The detailed instructions in *Network Flow Analysis* teach the busy network administrator how to build every component of a flow-based network awareness system and how network analysis and auditing can help address problems and improve network reliability. Readers learn what flow is, how flows are used in network management, and how to use a flow analysis system. Real-world examples illustrate how to best apply the appropriate tools and how to analyze data

to solve real problems. Lucas compares existing popular tools for network management, explaining why they don't address common real-world issues and demonstrates how, once a network administrator understands the underlying process and techniques of flow management, building a flow management system from freely-available components is not only possible but actually a better choice than much more expensive systems.

The contents in this book will provide practical hands on implementation and demonstration guide on how you can use Kali Linux to deploy various attacks on both wired and wireless networks. If you are truly interested in becoming an Ethical Hacker or Penetration Tester, this book is for you. NOTE: If you attempt to use any of this tools on a wired or wireless network without being authorized and you disturb or damage any systems, that would be considered illegal black hat hacking. Therefore, I would like to encourage all readers to implement any tool described in this book for WHITE HAT USE

ONLY!BUY THIS BOOK NOW AND GET STARTED

TODAY!This book will cover: -How to Install Virtual Box & Kali Linux-Pen Testing @ Stage 1, Stage 2 and Stage 3-What Penetration Testing Standards exist-How to scan for open ports, host and network devices-Burp Suite Proxy setup and Spidering hosts-How to deploy SQL Injection with SQLmap-How to implement Dictionary Attack with Airodump-ng-How to deploy ARP Poisoning with EtterCAP-How to capture Traffic with Port Mirroring & with Xplico-How to deploy Passive Reconnaissance-How to implement MITM Attack with Ettercap & SSLstrip-How to Manipulate Packets with Scapy-How to deploy

Deauthentication Attack-How to capture IPv6 Packets with Parasite6-How to deploy Evil Twin Deauthentication Attack with mdk3-How to deploy DoS Attack with MKD3-How to implement Brute Force Attack with TCP Hydra-How to deploy Armitage Hail Mary-The Metasploit Framework-How to use SET aka Social-Engineering Toolkit and more.BUY THIS BOOK NOW AND GET STARTED TODAY!

Wireless penetration testing has become a key skill in the range of the professional penetration testers. This book will teach you how to Hack any Wireless Networks! If you are interested in Wireless Penetration testing using Kali Linux, this book is for you!This book will cover:

- What Wireless PenTest Tools you must have-What Wireless Adapters & Wireless Cards are best for Penetration Testing-How to Install Vitrual Box & Kali Linux-Wireless Password Attacks-WPA/WPA2 Dictionary Attack-Countermeasures to Dictionary Attacks-Deploying Passive Reconnaissance with Kali Linux-Countermeasures Against Passive Reconnaissance
- How to Decrypt Traffic with Wireshark-How to implement MITM Attack with Ettercap-Countermeasures to Protect Wireless Traffic-How to Secure Ad Hoc Networks-How to Physically Secure your Network -How to deploy Rogue Access Point using MITM Attack-How to use Wi-Spy DGx & Chanalyzer-How to implement Deauthentication Attack against a Rogue AP-How to deploy Evil Twin Deauthentication Attack with mdk3-How to deploy DoS Attack with MKD3-Encryption Terminology & Wireless Encryption Options-WEP Vulnerabilities & TKIP Basics-Defining CCMP & AES-Wireless

Authentication Methods & Processes-4-Way Handshake & Fast Roaming Process-Message Integrity, Data Protection and Data Tampering-MIC Code Packet Spoofing Countermeasures and more...BUY THIS BOOK NOW AND GET STARTED TODAY!

Get complete coverage of all the material included on the CWNA and CWSP exams inside this comprehensive resource. Written by a wireless systems expert, this authoritative guide covers exams PW0-104 and PW0-204 in full detail. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Designed to help you pass these challenging exams with ease, this definitive volume also serves as an essential on-the-job reference. Covers all exam topics, including: Wireless standards, organizations, and applications Radio frequency Wireless network antennas Spread spectrum technologies IEEE 802.11 Hardware, software, and client devices Wireless network design and site surveys Installing and administering WLANs Performance tuning and troubleshooting Wireless network attacks and threat analysis Security policies 802.1X authentication solutions Fast and secure roaming Wireless intrusion monitoring and prevention

Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. This series is built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCNA Wireless 200-355 exam topics Assess your knowledge with chapter-opening quizzes

Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Wireless 200-355 Official Cert Guide. This eBook does not include the companion DVD with practice exam that comes with the print edition. CCNA Wireless 200-355 Official Cert Guide presents you with an organized test-preparation routine through the use of proven series elements and techniques. “Do I Know This Already?” quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA Wireless 200-355 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA WIFUND exam. Leading network engineer and best-selling Cisco certification author David Hucaby shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA WIFUND 200-355 exam, including RF signals, modulations, standards, and performance Antenna theory Wireless LAN topologies and 802.11 frame types Wireless AP coverage planning Cisco wireless architectures Autonomous, cloud, and

controller-based deployments Controller discovery, roaming, and RRM Wireless security WLAN configuration Wireless guest network implementation Client connectivity Cisco wireless network management Troubleshooting interference and connectivity CCNA Wireless 200-355 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit <http://www.cisco.com/web/learning/index.html>.

As we all know by now, wireless networks offer many advantages over fixed (or wired) networks. Foremost on that list is mobility, since going wireless frees you from the tether of an Ethernet cable at a desk. But that's just the tip of the cable-free iceberg. Wireless networks are also more flexible, faster and easier for you to use, and more affordable to deploy and maintain. The de facto standard for wireless networking is the 802.11 protocol, which includes Wi-Fi (the wireless standard known as 802.11b) and its faster cousin, 802.11g. With easy-to-install 802.11 network hardware available everywhere you turn, the choice seems simple, and many people dive into wireless computing with less thought and planning than they'd give to a wired network. But it's wise to be familiar with both the capabilities and risks associated with the 802.11 protocols. And 802.11 Wireless Networks: The Definitive Guide, 2nd Edition is the perfect place to start. This updated edition covers

everything you'll ever need to know about wireless technology. Designed with the system administrator or serious home user in mind, it's a no-nonsense guide for setting up 802.11 on Windows and Linux. Among the wide range of topics covered are discussions on: deployment considerations network monitoring and performance tuning wireless security issues how to use and select access points network monitoring essentials wireless card configuration security issues unique to wireless networks With wireless technology, the advantages to its users are indeed plentiful. Companies no longer have to deal with the hassle and expense of wiring buildings, and households with several computers can avoid fights over who's online. And now, with 802.11 Wireless Networks: The Definitive Guide, 2nd Edition, you can integrate wireless technology into your current infrastructure with the utmost confidence.

The Official Study Guide for Exam CWAP-402 from CWNP(R) The Certified Wireless Analysis Professional (CWAP) exam (CWAP-402) tests your knowledge and experience with 802.11 WLAN analysis and troubleshooting. This study guide provides you with the information you need to prepare for the exam and grasp analysis and troubleshooting concepts that allow you to troubleshoot both wired and wireless problems impacting your WLAN. You will learn about troubleshooting methodologies, 802.11 communications and frame exchanges, wireless hardware and software, protocol analysis, and spectrum analysis. This book is your self-study and exam review resource. It is the tool you need to help you prepare for the CWAP-402 exam. While

other excellent books may cover the topic of WLAN analysis and troubleshooting, no other book so concisely prepares you for certification success. The CWAP Study Guide includes: - Full coverage of exam CWDP-402 objectives so that you can be prepared on exam day. - Callouts covering important topics related to the exam. - Real-world examples to help you understand design principles. - Exercises to help you gain experience with wireless analysis tools. - Accompanying YouTube videos that demonstrate all exercises.

Building Wireless Community Networks is about getting people online using wireless network technology. The 802.11b standard (also known as WiFi) makes it possible to network towns, schools, neighborhoods, small business, and almost any kind of organization. All that's required is a willingness to cooperate and share resources. The first edition of this book helped thousands of people engage in community networking activities. At the time, it was impossible to predict how quickly and thoroughly WiFi would penetrate the marketplace. Today, with WiFi-enabled computers almost as common as Ethernet, it makes even more sense to take the next step and network your community using nothing but freely available radio spectrum. This book has showed many people how to make their network available, even from the park bench, how to extend high-speed Internet access into the many areas not served by DSL and cable providers, and how to build working communities and a shared though intangible network. All that's required to create an access point for high-speed Internet connection is a gateway or base

station. Once that is set up, any computer with a wireless card can log onto the network and share its resources.

Rob Flickenger built such a network in northern California, and continues to participate in network-building efforts. His nuts-and-bolts guide covers: Selecting the appropriate equipment Finding antenna sites, and building and installing antennas Protecting your network from inappropriate access New network monitoring tools and techniques (new) Regulations affecting wireless deployment (new) IP network administration, including DNS and IP Tunneling (new) His expertise, as well as his sense of humor and enthusiasm for the topic, makes Building Wireless Community Networks a very useful and readable book for anyone interested in wireless connectivity.

Provides tips and techniques on wireless networking, covering a variety of topics, including wireless standards, Bluetooth, hardware, antennas, and wireless security.

The only comprehensive assessment, review, and practice guide for Cisco's new Deploying Cisco ASA VPN Solutions exam - direct from Cisco! * *Covers every updated Cisco CCNP Deploying Cisco ASA VPN Solutions exam topic: architecture, policies, inheritance, clientless VPNs/portals/SSL, AnyConnect Remote Access VPNs, Cisco Secure Desktop, Easy VPN, IPSec site-to-site VPNs, and more *New IPv6 coverage, plus new CLI examples throughout. *CD contains realistic practice tests. *Proven features promote efficient study. This is Cisco's official, comprehensive self-study resource for the new Deploying Cisco ASA VPN Solutions (VPN v1.0) exam, required for CCNP Security

certification. Designed for beginning-to-intermediate level readers, it covers every objective concisely and logically, with extensive teaching features that promote retention and understanding. Readers will find:

- * Pre-chapter quizzes to assess knowledge upfront and focus study more efficiently.
- * Foundation topics sections that explain concepts and configurations, and link theory to actual configuration commands.
- * Key topics sections calling attention to every figure, table, and list that candidates must know.
- * Exam Preparation sections with additional chapter review features.
- * Final preparation chapter providing tools and a complete final study plan.
- * Customizable practice test library on CD-ROM

This edition has been fully updated for the latest exam objectives, including new IPv6 coverage and integrated CLI configuration examples alongside ASDM configurations throughout.

The official study guide for the Certified Wireless Design Professional (CWDP) exam from CWNP! This official guide is what you need to prepare for the vendor-neutral CWDP exam (PW0-250), which tests an IT professional's ability to design, plan, and troubleshoot a wireless network. Administered by CWNP, the industry leader for enterprise Wi-Fi training and certification, the CWDP exam is for those operating in large WLAN deployments. This practical guide not only covers all exam objectives, it also gives you practical information on designing for complex environments such as businesses, hospitals, educational facilities, and in outdoor spaces. Covers all exam objectives for the Certified Wireless Design Professional (CWDP) exam,

exam PW0-250 Covers planning, developing a WLAN design strategy and RF, conducting advanced site surveying, developing 802.11 security, and troubleshooting Companion CD includes two practice exams and over 100 electronic flashcards Sybex is the official publisher for Certified Wireless Network Professional, Inc., the certifying vendor for the CWNP program If you want to prepare for CWNP certification, a Sybex Study Guide is what you need! Note: CD-ROM materials for eBook purchases can be downloaded from <http://booksupport.wiley.com>.

The Latest Linux Security Solutions This authoritative guide will help you secure your Linux network--whether you use Linux as a desktop OS, for Internet services, for telecommunications, or for wireless services. Completely rewritten the ISECOM way, Hacking Exposed Linux, Third Edition provides the most up-to-date coverage available from a large team of topic-focused experts. The book is based on the latest ISECOM security research and shows you, in full detail, how to lock out intruders and defend your Linux systems against catastrophic attacks. Secure Linux by using attacks and countermeasures from the latest OSSTMM research Follow attack techniques of PSTN, ISDN, and PSDN over Linux Harden VoIP, Bluetooth, RF, RFID, and IR devices on Linux Block Linux signal jamming, cloning, and eavesdropping attacks Apply Trusted Computing and cryptography tools for your best defense Fix vulnerabilities in DNS, SMTP, and Web 2.0 services Prevent SPAM, Trojan, phishing, DoS, and DDoS exploits Find and repair errors in C code with static

analysis and Hoare Logic

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

This book will be part of the CWNP suite of official titles, which also includes the CWTS: Certified Wireless Technology Specialist Official Study Guide, CWNA: Certified Wireless Network Administrator Official Study Guide, CWSP: Certified Wireless Security Professional Official Study Guide, and CWDP: Certified Wireless Design Professional Official Study Guide. This handy study guide will not only prepare the reader for the CWAP exam, but will also show the reader how to troubleshoot and analyze complex enterprise WLAN environments. The CWAP Study Guide will provide a real world perspective to give the reader the information they need to pass the exam. The book will cover all the exam objectives for the CWAP exam, including: 802.11 Physical (PHY) Layer Frame Formats and Technologies 802.11 MAC Layer Frame Formats and Technologies 802.11 Operation and Frame Exchanges Spectrum Analysis and Troubleshooting Protocol Analysis and Troubleshooting The book will include in-depth coverage of the exam objectives, as well as hands-on exercises using the Wireshark protocol analyzer software and Fluke Network's Spectrum analyzer software. Also included will be custom flash animations, chapter review questions, a detailed glossary, and a pre-assessment test. The CD includes two bonus exams and over 150

flashcards.

The most detailed, comprehensive coverage of CWSP-205 exam objectives CWSP: Certified Wireless Security Professional Study Guide offers comprehensive preparation for the CWSP-205 exam. Fully updated to align with the new 2015 exam, this guide covers all exam objectives and gives you access to the Sybex interactive online learning system so you can go into the test fully confident in your skills. Coverage includes WLAN discovery, intrusion and attack, 802.11 protocol analysis, wireless intrusion prevention system implementation, Layer 2 and 3 VPN over 802.11 networks, managed endpoint security systems, and more. Content new to this edition features discussions about BYOD and guest access, as well as detailed and insightful guidance on troubleshooting. With more than double the coverage of the “official” exam guide, plus access to interactive learning tools, this book is your ultimate solution for CWSP-205 exam prep. The CWSP is the leading vendor-neutral security certification administered for IT professionals, developed for those working with and securing wireless networks. As an advanced certification, the CWSP requires rigorous preparation — and this book provides more coverage and expert insight than any other source. Learn the ins and outs of advanced network security Study 100 percent of CWSP-205 objectives Test your understanding with two complete practice exams Gauge your level of preparedness with a pre-test assessment The CWSP is a springboard for more advanced certifications, and the premier qualification employers look for in the field. If you’ve

already earned the CWTS and the CWNA, it's time to take your career to the next level. CWSP: Certified Wireless Security Professional Study Guide is your ideal companion for effective, efficient CWSP-205 preparation. Secure Your Wireless Networks the Hacking Exposed Way Defend against the latest pervasive and devastating wireless attacks using the tactical security information contained in this comprehensive volume. Hacking Exposed Wireless reveals how hackers zero in on susceptible networks and peripherals, gain access, and execute debilitating attacks. Find out how to plug security holes in Wi-Fi/802.11 and Bluetooth systems and devices. You'll also learn how to launch wireless exploits from Metasploit, employ bulletproof authentication and encryption, and sidestep insecure wireless hotspots. The book includes vital details on new, previously unpublished attacks alongside real-world countermeasures. Understand the concepts behind RF electronics, Wi-Fi/802.11, and Bluetooth Find out how hackers use NetStumbler, WiSPY, Kismet, KisMAC, and AiroPeek to target vulnerable wireless networks Defend against WEP key brute-force, aircrack, and traffic injection hacks Crack WEP at new speeds using Field Programmable Gate Arrays or your spare PS3 CPU cycles Prevent rogue AP and certificate authentication attacks Perform packet injection from Linux Launch DoS attacks using device driver-independent tools Exploit wireless device drivers using the Metasploit 3.0 Framework Identify and avoid malicious hotspots Deploy WPA/802.11i authentication and encryption using PEAP, FreeRADIUS, and WPA pre-shared keys

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