

Cwsp Guide To Wireless Security

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

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over 150 flashcards.

The ONLY official study guide for the industry-standard wireless security certification exam Cowritten by the creators of the exam and leading experts in wireless security, CWSP Certified Wireless Security Professional Official Study Guide, Second Edition, offers complete coverage of all the objectives for the vendor-neutral wireless network certification that focuses on the technologies behind the brands. The fully integrated study system includes notes that reinforce and teach practical skills, step-by-step exercises, chapter self-tests, and more than 150 practice exam questions.

Including step-by-step exercises; chapter self-tests; and more than 150 practice questions; this guide offers complete coverage of all the objectives for the vendor-neutral wireless network certification and focuses on the technologies behind the brands. --

A hands-on guide to planning, designing, installing and configuring wireless LANs from two of the principal Wireless LAN vendors, Cisco and 3Com. Extensive step-by-step coverage of implementation and troubleshooting is reinforced with hands-on projects at the end of each chapter.

There has never been a Wireless Security Guide like this. Wireless Security 96 Success Secrets is not about the ins and outs of Wireless Security. Instead, it

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answers the top 96 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with Wireless Security. A quick look inside of the subjects covered: What is scanning? - Certified Wireless Security Professional (CWSP), What are the specific classes used in network layer? - Certified Wireless Security Professional (CWSP), What is SSL? - Certified Wireless Security Professional (CWSP), What types of filtering are available? - Certified Wireless Security Professional (CWSP), Briefly describe the risk management process. - Certified Wireless Security Professional (CWSP), What is Perfect Forward Secrecy? - Certified Wireless Security Professional (CWSP), What is the evidence of legal procedures? - Certified Wireless Security Professional (CWSP), What is Hash function? - Certified Wireless Security Professional (CWSP), What is PCMCIA? - Certified Wireless Security Professional (CWSP), What is the process of Shared Key Authentication? - Certified Wireless Security Professional (CWSP), What is Homeland Security Act of 2002? - Certified Wireless Security Professional (CWSP), What is Wireless Security? - Certified Wireless Security

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Professional (CWSP), What is rogue access point? - Certified Wireless Security Professional (CWSP), What tools and methods are used to gain access and attack WLANs? - Certified Wireless Security Professional (CWSP), What is FHSS? - Certified Wireless Security Professional (CWSP), What are the common symmetric algorithms? - Certified Wireless Security Professional (CWSP), What are the applicable standards and protocols to wireless networking? - Certified Wireless Security Professional (CWSP), What is Symmetric Cipher? - Certified Wireless Security Professional (CWSP), What is DSSS? - Certified Wireless Security Professional (CWSP), What are wired network topologies? Describe those in details. - Certified Wireless Security Professional (CWSP), Describe the asymmetric algorithms. - Certified Wireless Security Professional (CWSP), What are the effects of multipath? - Certified Wireless Security Professional (CWSP), What are the methods of encryption and integrity? - Certified Wireless Security Professional (CWSP), and much more...

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

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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

About the Book This Official Study Guide for the CWTS exam features complete coverage of the exam objectives, as well as hands-on exercises, Real World Scenarios, chapter review questions, a detailed glossary, objective map, and a pre-assessment test. The enhanced CD includes two bonus exams, 150 flashcards, Case Studies, and demo software. Exam coverage includes: Wi-Fi Technology, Standards, and Certifications Hardware and Software Radio Frequency (RF) Fundamentals Site Surveying and Installation Applications, Support, and Troubleshooting Security & Compliance About the CWTS Certification The Certified Wireless Technology Specialist (CWTS) is a vendor-neutral certification administered by CWNP. This brand new certification is the only entry-level vendor neutral wireless certification for IT Professionals, and was

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developed for IT support staff who work with wireless technologies. It is a springboard to the foundation-level Certified Wireless Network Administrator (CWNA), and more advanced Certified Wireless Security Professional (CWSP) and Certified Wireless Network Expert (CWNE) certifications. The exam is offered in over 100 countries through both Prometric and Pearson VUE testing centers. The cost of the exam is \$125. Note: CD-ROM materials for eBook purchases can be downloaded from CWNP's website at www.cwnp.com/sybex

Market_Desc: Who Does This Exam Target? Considered the standard wireless certification for security administrators, this is the only vendor-neutral wireless certification offered. The exam is offered in over 100 countries through both Prometric and Pearson VUE testing centers. The cost of the exam is \$225. Special Features:

- Official Study Guide--Sybex is now the official publisher for Certified Wireless Network Professional (CWNP, formerly Planet3 Wireless), the certifying vendor for the CWSP program. This will be part of the CWNP suite of official titles, which will also include the CWTS: Certified Wireless Technology Specialist Official Study Guide and the CWNA: Certified Wireless Network Administrator Official Study Guide.
- CWSPs Second Only to CCIE--According to the latest Cert Magazine Salary Survey, CWSPs earn on average \$94,000 a year, second only to the Cisco CCIE certification.
- CWSP Training Satisfies CISSP Prerequisite--(ISC)2 now allows CWSP training as part of its experience prerequisite.
- Intel and Cisco Recommend CWNP--Intel and Cisco both highly recommend CWNP training to all vendors who use their wireless hardware products.
- Demand--Over 80% of Fortune 500 companies employ a certified Wireless Network Professional.
- Wireless on the Rise--Wireless

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chipsets have doubled in sale since 2003 (440 million produced worldwide). Revenue from Wireless Access Points is expected to jump from \$137 million in 2007 to \$837 million by 2013, according to ABI Research. About The Book: The book covers all the exam objectives for the latest version of the CWSP. The book includes in-depth coverage of the exam objectives, as well as hands-on exercises, chapter review questions, a detailed glossary, and a pre-assessment test. The CD includes two bonus exams and over 150 flashcards.

CWNA Guide To Wireless Lans, 3/e, International Edition provides you with the conceptual knowledge and hands-on skills needed to work with wireless technology in a network administration environment as well as pass the Certified Wireless Network Administrator (CWNA) exam. The text covers fundamental topics, such as planning, designing, installing, securing, and configuring wireless LANs. It also details common wireless LAN uses including maintenance, security, and business applications. The third edition is designed around the latest version of the CWNA exam, as well as the new IEEE 802.11 standard, making CWNA Guide To Wireless Lans, 3/e, International Edition the practical guide that prepares you for real-world wireless networking.

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

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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.

Completely rewritten to include Microsoft Windows Server 2003 coverage and other cutting-edge technologies, this best selling text will ensure your students' success on CompTIA's latest Server+ Exam.

There has never been a wireless LAN Guide like this. wireless LAN 57 Success Secrets is not about the ins and outs of wireless LAN. Instead, it answers the top 57 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of

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key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with wireless LAN. A quick look inside of the subjects covered: What considerations are needed to be addressed by the security policy? - Certified Wireless Network Administrator (CWNA), Can you run a machine over a network without AC power? - Citrix Certified Enterprise Administrator (CCEA) for XenApp, The Particulars of CCNA Test v1.2, What are the commonly deployed EAP authentication types? - Certified Wireless Security Professional (CWSP), What is Corporate Security Policy? - Certified Wireless Security Professional (CWSP), What are the uses of Wireless LANs? - Certified Wireless Network Administrator (CWNA), What types of spread spectrum technologies are specified by the FCC? - Certified Wireless Network Administrator (CWNA), What is WPAN? - Certified Wireless Security Professional (CWSP), What is a wireless LAN? - Certified Wireless Network Administrator (CWNA), which sub processes are needed to connect to a wireless LAN? - Certified Wireless Network Administrator (CWNA), Recent Changes in CCNP Cert, What do you mean by DCF and PCF? - Certified Wireless Network Administrator (CWNA), Neil Weste, Network Devices, What is FCC? What do they perform? - Certified Wireless Network Administrator (CWNA), Software Configuration Management Tutorial Knowing the Basics of Configuration Management, What is DSSS? - Certified Wireless Security Professional (CWSP), What is range consideration? - Certified Wireless Network Administrator (CWNA), What are the considerations needed to be addressed by the security policy? - Certified Wireless Security Professional (CWSP), What are the types of spread spectrum technologies specified by the FCC? - Certified Wireless Security Professional (CWSP), The Contents of a CCNA 640 821 Outline, Write some uses of spread spectrum. - Certified Wireless Network Administrator

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(CWNA), Eduardo Reck Miranda, How many wireless LAN antennas are available? - Certified Wireless Network Administrator (CWNA), What are the units to measure Radio Frequencies? - Certified Wireless Network Administrator (CWNA), What is CSMA/CD? - Certified Wireless Security Professional (CWSP), and much more...

Sybex is now the official publisher for Certified Wireless Network Professional, the certifying vendor for the CWSP program. This guide covers all exam objectives, including WLAN discovery techniques, intrusion and attack techniques, 802.11 protocol analysis. Wireless intrusion-prevention systems implementation, layer 2 and 3 VPNs used over 802.11 networks, and managed endpoint security systems. It also covers enterprise/SMB/SOHO/Public-Network Security design models and security solution implementation, building robust security networks, wireless LAN management systems, and much more.

Reflecting the latest trends and developments from the information security field, best-selling Security+ Guide to Network Security Fundamentals, Fourth Edition, provides a complete introduction to practical network and computer security and maps to the CompTIA Security+ SY0-301 Certification Exam. The text covers the fundamentals of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography. The updated edition includes new topics, such as psychological approaches to social engineering attacks, Web application attacks, penetration testing, data loss prevention, cloud computing security, and application programming development security. The new edition features activities that link to the Information Security Community Site, which offers video lectures, podcats, discussion boards, additional hands-on activities and more to provide a wealth of resources and up-to-the

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minute information. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

There has never been a CWSP Guide like this. CWSP 96 Success Secrets is not about the ins and outs of CWSP. Instead, it answers the top 96 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with CWSP. A quick look inside of the subjects covered: What is Wireless Security? - Certified Wireless Security Professional (CWSP), Which methods are used to encrypt data? - Certified Wireless Security Professional (CWSP), What is routing? - Certified Wireless Security Professional (CWSP), What is ECPA? - Certified Wireless Security Professional (CWSP), What is OPSEC? - Certified Wireless Security Professional (CWSP), What are the bluetooth security characteristics? - Certified Wireless Security Professional (CWSP), What is digital signature? - Certified Wireless Security Professional (CWSP), What are the features of Bluetooth? - Certified Wireless Security Professional (CWSP), What steps are needed to establish a data classification program? - Certified Wireless Security Professional (CWSP), What is the OSI Model? Briefly describe the seven layers of OSI model. - Certified Wireless Security Professional (CWSP), What is security audit? - Certified Wireless Security Professional (CWSP), Briefly describe the risk management process. - Certified Wireless Security Professional (CWSP), Describe about the quantitative risk assessments. - Certified Wireless Security Professional (CWSP), What are the access control characteristics? -

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Certified Wireless Security Professional (CWSP), What is WPAN? - Certified Wireless Security Professional (CWSP), What are the specific classes used in network layer? - Certified Wireless Security Professional (CWSP), What are wired network topologies? Describe those in details. - Certified Wireless Security Professional (CWSP), What is secure shell? - Certified Wireless Security Professional (CWSP), What is Perfect Forward Secrecy? - Certified Wireless Security Professional (CWSP), What are the behaviors of radio waves? Briefly describe the behaviors. - Certified Wireless Security Professional (CWSP), What are the Intellectual Property Laws? - Certified Wireless Security Professional (CWSP), What types of filtering are available? - Certified Wireless Security Professional (CWSP), What is TTL? - Certified Wireless Security Professional (CWSP), and much more...

CWSP Guide to Wireless Security is a hands-on guide to defending wireless networks against attacks. This book prepares students for the Certified Wireless Security Professional (CWSP) certification from Planet3. Focusing on IEEE 802.11a/b/g/pre-n wireless local area networks, this book provides extensive coverage of the latest wireless attack tools and defenses, including IEEE 802.11i, WPA, WPA2, and WIPS, along with how to design and manage a secure wireless LAN. Material is reinforced with hands-on projects at the end of each chapter. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The definitive guide to penetrating and defending wireless networks. Straight from the field, this is the definitive guide to hacking wireless networks. Authored by world-renowned wireless security auditors, this hands-on, practical guide covers everything you need to attack -- or protect -- any wireless network. The authors introduce the 'battlefield,' exposing today's 'wide

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open' 802.11 wireless networks and their attackers. One step at a time, you'll master the attacker's entire arsenal of hardware and software tools: crucial knowledge for crackers and auditors alike. Next, you'll learn systematic countermeasures for building hardened wireless 'citadels' including cryptography-based techniques, authentication, wireless VPNs, intrusion detection, and more. Coverage includes: Step-by-step walkthroughs and explanations of typical attacks Building wireless hacking/auditing toolkit: detailed recommendations, ranging from discovery tools to chipsets and antennas Wardriving: network mapping and site surveying Potential weaknesses in current and emerging standards, including 802.11i, PPTP, and IPSec Implementing strong, multilayered defenses Wireless IDS: why attackers aren't as untraceable as they think Wireless hacking and the law: what's legal, what isn't If you're a hacker or security auditor, this book will get you in. If you're a netadmin, sysadmin, consultant, or home user, it will keep everyone else out.

Updated edition of this top-selling CWNA study guide Sybex is the official publisher for CWNP, Inc., the organization behind the the CWNA certification. The new edition of Sybex's top-selling CWNA Study Guide covers the latest CWNA Exam, PW0-105. If you're preparing for the exam, you'll find full coverage of radio frequency (RF) technologies, as well as IEEE 802.11 regulations and standards, protocols and devices, network security, and much more. This detailed book not only covers all exam objectives, it also includes practical chapter review questions and hands-on exercises. The book's website offers additional practice exams and flashcards, demo software, and more. Prepares you for Exam PW0-105, the new CWNA exam administered by the Certified Wireless Network Professional, Inc. Covers all exam objectives, including radio frequency (RF) technologies and IEEE 802.11 regulations and standards,

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protocols and devices, network implementation, network security, and RF site surveying Includes practical examples and review questions to reinforce learning Discusses the latest information on wireless trends, protocols, and standards--helpful whether you're preparing for the exam or not Provides additional practice exams, electronic flashcards, demo software, and more from the book's accompanying website CWNA certification is the foundation for any professional who uses wireless networks--and a springboard to more advanced wireless certifications. Get started today with this detailed CWNA prep guide. Note: CD-ROM materials for eBook purchases can be downloaded from <http://booksupport.wiley.com>.

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

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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.

This self-study exam preparation guide for the CWSP Certified Wireless Security Professional certification exam contains everything you need to test yourself and pass the Exam. All Exam topics are covered and insider secrets, complete explanations of all CWSP Certified Wireless Security Professional subjects, test tricks and tips, numerous highly realistic sample questions, and exercises designed to strengthen understanding of CWSP Certified Wireless Security Professional concepts and prepare you for exam success on the first attempt are provided. With the burgeoning growth of wireless LAN installations, all IT professionals must become knowledgeable about security, and wireless security in particular CWSP is a mid-level certification for IT professionals who understand how to secure a wireless LAN from hackers and who know how to protect the valuable information on their network. Topics on this certification include advanced processes and techniques for keeping enterprise wireless network data secure. CWSP is for experienced networking professionals who wish to gain critical skills in wireless networking security, including how hackers attack networks and the means for preventing them from doing so. Can you imagine valuing a book so much that you send the author a "Thank You" letter? Tens of thousands of people understand why this is a worldwide best-seller. Is it the authors years of experience? The endless hours of ongoing

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research? The interviews with those who failed the exam, to identify gaps in their knowledge? Or is it the razor-sharp focus on making sure you don't waste a single minute of your time studying any more than you absolutely have to? Actually, it's all of the above. This book includes new exercises and sample questions never before in print. Offering numerous sample questions, critical time-saving tips plus information available nowhere else, this book will help you pass the CWSP Certified Wireless Security Professional exam on your FIRST try. Up to speed with the theory? Buy this. Read it. And Pass the CWSP Certified Wireless Security Professional Exam.

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

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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
Virtualization is becoming extremely important: organizations can run multiple instances of a variety of operating systems on a single machine and integrate applications into one server, slashing the number of physical boxes they need substantially. On the desktop side, there are a variety of desktop options for virtual computing as well. Information about these market changes is a core part of the content and hands-on feature updates in the core book and lab manual. However, to further support the importance and power of Virtualization, this Virtualization Labs manual provides projects based entirely on the Virtualization process. These labs will supplement the content in the book and help instructors and students make the transition to a virtualization-focused information security environment.

CWSP Guide to Wireless Security
Cengage Learning
2nd Edition

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

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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 CWAP 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>.

Discusses the fundamentals of wireless security and of the popular wireless LAN protocol 802.11, covering topics including station security configurations, network weaknesses, access points, and client security.

Presents theories and models associated with information privacy and safeguard practices to help anchor and guide the development of technologies, standards, and best practices. Provides recent, comprehensive coverage of all issues related to information security and ethics, as well as the opportunities, future challenges, and emerging trends related to this subject.

The Official Study Guide for Exam CWSP-205 from CWNP(r) The Certified Wireless Security Professional (CWSP(r)) exam (CWSP-205) proves your knowledge of 802.11 wireless LAN security solutions. This study guide provides you with the knowledge you need to prepare for the exam and grasp security concepts required to implement, manage, and troubleshoot secure wireless networks. You will learn about wireless security basics, security issues with 802.11 networks, details of authentication and encryption, and more. The CWSP Study Guide

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includes: Full coverage of exam CWSP-205 objectives so that you can feel and be prepared on exam day. Sidebars covering important topics Beyond the Exam. In-the-field case studies revealing how security works in the real world. Hands-on exercises you can perform on your own to master security concepts. Several white papers from CWNP included in the appendix related to security. About the CWNP(r) Certifications CWNP is the industry standard for vendor-neutral WLAN certifications focused on 802.11 technologies and common vendor-implemented solutions. Our certifications help you master WLANs from conception to troubleshooting and analysis and everything in between. To learn more about our certifications, visit www.cwnp.com."

The CWSP Study and Reference Guide provides the information required to prepare for and pass the CWSP-206 exam and acts as an excellent desk reference to 802.11 WLAN security. Wireless is a term used to describe telecommunications in which electromagnetic waves (rather than some form of wire) carry the signal over part or all of the communication path and the network is the totality of switches, transmission links and terminals used for the generation, handling and receiving of telecoms traffic. Wireless networks are rapidly evolving, and are playing an increasing role in the lives of people throughout the world and ever-larger numbers of people are relying on the technology directly or indirectly. The area of wireless communications is an extremely rich field for research, due to the difficulties posed by the wireless medium and the increasing demand for better and cheaper services. As the wireless market evolves, it is likely to increase in size and possibly integrate with other wireless technologies, in order to offer support for mobile computing applications, of perceived performance equal to those of wired communication networks. Wireless Networks aims to

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provide an excellent introductory text covering the wireless technological alternatives offered today. It will include old analog cellular systems, current second generation (2G) systems architectures supporting voice and data transfer and also the upcoming world of third generation mobile networks. Moreover, the book features modern wireless technology topics, such as Wireless Local Loops (WLL), Wireless LANs, Wireless ATM and Personal Area Networks (such as Bluetooth). * Provides an easy to use reference which presents a clear set of technologies per chapter * Features modern wireless technology topics, such as Wireless Local Loops (WLL), Wireless LANs, Wireless ATM, Personal Area Networks (such as Bluetooth) and Ad-hoc wireless networks * Progresses through the developments of first, second, third, fourth generation cellular systems and beyond * Includes helpful simulation examples and examples of algorithms and systems Essential reading for Senior undergraduate and graduate students studying computer science, telecommunications and engineering, engineers and researchers in the field of wireless communications and technical managers and consultants.

The bestselling CWNA study guide, updated for the latest exam The CWNA: Certified Wireless Network Administrator Study Guide is the ultimate preparation resource for the CWNA exam. Fully updated to align with the latest version of the exam, this book features expert coverage of all exam objectives to help you internalize essential information. A pre-assessment test reveals what you already know, allowing you to focus your study time on areas in need of review, while hands-on exercises allow you to practice applying CWNA concepts to real-world scenarios. Expert-led discussion breaks complex topics down into easily-digestible chunks to facilitate clearer understanding, and chapter review questions help you gauge your progress along the

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way. You also get a year of free access to the Sybex online interactive learning environment, which features additional resources and study aids including bonus practice exam questions. The CWNA exam tests your knowledge of regulations and standards, protocols and devices, network implementation, security, and RF site surveying. Thorough preparation gives you your best chance of passing, and this book covers it all with a practical focus that translates to real on-the-job skills. Study 100% of the objectives for Exam CWNA-107 Assess your practical skills with hands-on exercises Test your understanding with challenging chapter tests Access digital flashcards, white papers, bonus practice exams, and more The CWNA certification is a de facto standard for anyone working with wireless technology. It shows employers that you have demonstrated competence in critical areas, and have the knowledge and skills to perform essential duties that keep their wireless technology functioning and safe. The CWNA: Certified Wireless Network Administrator Study Guide gives you everything you need to pass the exam with flying colors.

This is the only Official Study Guide or certification prep on the market for the CWAP exam. Annotation Key Features and Benefits- THE Official Study Guide from the creators of the CWNP Certified Wireless Network Professional program and the CWSP exam- Covers the official Planet3 Wireless training for CWSP- Industry Approved, vendor-neutral wireless network training and certification that focuses on the technology behind the brands- An integrated study system including marginal notes that reinforce and teach practical skills, step by step exercises, 150 practice exam questions and chapter Self Tests- All answer options, correct and incorrect, receive detailed explanations as to why the answer is or is not the correct answer.

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There has never been a Wi-Fi Guide like this. Wi-Fi 40 Success Secrets is not about the ins and outs of Wi-Fi. Instead, it answers the top 40 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with Wi-Fi. A quick look inside of the subjects covered: The Future of WiMax, WiMax Wireless Network, MDM Mobile Device Overview, Better Telecommunications Technology with 4G WiMAX, The WiMax 16e, What are wireless network topologies? Describe those in details. - Certified Wireless Security Professional (CWSP), MDM and Use of Location Services, Which network topology can NOT be applied to wireless networks? - CCNP - Cisco Certified Network Professional, How it Works, What is the weakness of WEP (wired equivalent privacy)? - Citrix Certified Enterprise Administrator (CCEA) for XenApp, How WiMAX Substantially Differ From Wi-Fi?, WiMAX: Rural Areas' Bridge to the rest of the World, WiMAX and its Advantages, Other Features, Theoretical Measurement of WiMAX Bandwidth, Twitter Download: For Maximum Portability, Capabilities and Future of WiMAX PHY Layer, The Various Benefits of IEEE WiMAX, The Map of the Wireless Worlds and WiMax, WiMAX Israel: WiMAX Leader in Asia, Wired Services Get Cleared, WiMax Services Take Charge, Service Catalog, MDM Use of Untrusted Networks, What are the applicable standards and protocols to wireless networking? - Certified Wireless Security Professional (CWSP), The Four WiMax Solutions, How WiMAX Technology Achieves Its Maximum Range?, Wimax Chips Developments, WiMax and Its Uses, What are the standards of Wireless LAN? - Certified Wireless Security

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