

Captive Portal

Sales of wireless LANs to home users and small businesses will soar this year, with products using IEEE 802.11 (Wi-Fi) technology leading the way, according to a report by

Page 1/308

captive-portal

Cahners research. Worldwide, consumers will buy 7.3 million wireless LAN nodes--which include client and network hub devices--up from about 4 million last year. This third book in the "HACKING" series from Syngress is written by the

Page 2/308

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*SoCalFreeNet Wireless Users
Group and will cover 802.11a/b/g
("Wi-Fi) projects teaching these
millions of Wi-Fi users how to
"mod" and "hack" Wi-Fi access
points, network cards, and antennas
to run various Linux distributions*

Page 3/308

captive-portal

and create robust Wi-Fi networks. Cahners predicts that wireless LANs next year will gain on Ethernet as the most popular home network technology. Consumers will hook up 10.9 million Ethernet nodes and 7.3 million wireless out of a total of 14.4

Page 4/308

captive-portal

*million home LAN nodes shipped.
This book will show Wi-Fi
enthusiasts and consumers of Wi-Fi
LANs who want to modify their Wi-
Fi hardware how to build and
deploy “homebrew Wi-Fi networks,
both large and small. Wireless LANs*

Page 5/308

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next year will gain on Ethernet as the most popular home network technology. Consumers will hook up 10.9 million Ethernet nodes and 7.3 million wireless clients out of a total of 14.4 million home LAN nodes shipped. This book will use a series

Page 6/308

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of detailed, inter-related projects to teach readers how to modify their Wi-Fi hardware to increase power and performance to match that of far more expensive enterprise networking products. Also features hacks to allow mobile laptop users

Page 7/308

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to actively seek wireless connections everywhere they go! The authors are all members of the San Diego Wireless Users Group, which is famous for building some of the most innovative and powerful "home brew" Wi-Fi networks in the world.

Page 8/308

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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

Page 9/308

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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

Page 10/308

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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

Page 11/308

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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

Page 12/308

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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

Page 13/308

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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

Page 14/308

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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

Page 15/308

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. Mobile computing skills are

Page 16/308

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becoming standard in the IT industry Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond is the ultimate reference for mobile computing. Certified Wireless

Page 17/308

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*Network Expert Robert J. Bartz
guides IT and networking
professionals through the
fundamental and advanced concepts
of mobile computing, providing the
information and instruction
necessary to get up to speed on*

Page 18/308

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current technology and best practices. The book maps to the CompTIA Mobility+ (MB0-001) exam, making it an ideal resource for those seeking this rewarding certification. The mobile device has already overshadowed the PC as a

Page 19/308

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primary means for Internet access for a large portion of the world's population, and by 2020, there will be an estimated 10 billion mobile devices worldwide. Mobile connectivity has become the new standard for business professionals,

Page 20/308

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and when combined with cloud computing, it creates a world where instant access is the norm. To remain relevant, IT professionals must hone their mobile skills. The ability to manage, develop, and secure a mobile infrastructure is

Page 21/308

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quickly becoming a key component to entering the IT industry, and professionals lacking those skills will be left behind. This book covers all aspects of mobile computing, including: Radio frequency, antenna, and cellular technology

Page 22/308

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Physical and logical infrastructure technologies Common mobile device policies and application management Standards and certifications, and more Each chapter includes hands-on exercises, real-world examples, and in-depth

Page 23/308

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guidance from the perspective of a mobile computing expert. IT professionals looking to expand their capabilities need look no further than Mobile Computing Deployment and Management: Real World Skills for CompTIA

Page 24/308

captive-portal

Mobility+ Certification and Beyond
for the most comprehensive
approach to mobile computing on
the market today.

Provides tips and techniques on
wireless networking, covering a
variety of topics, including wireless

Page 25/308

captive-portal

*standards, Bluetooth, hardware,
antennas, and wireless security.*

Exam CWSP-205

*NETWORKING 2004: Networking
Technologies, Services, and
Protocols; Performance of
Computer and Communication*

Page 26/308

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*Networks; Mobile and Wireless
Communications*

*Wireless and Mobile Device
Security*

*CWNA Certified Wireless Network
Administrator Study Guide*

Protect networks and build next-

Page 27/308

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*generation firewalls easily with
OPNsense*

Untangle Network Security

In Depth Security Vol. III

*Networking Technologies, Services,
and Protocols ; Performance of
Computer and Communications*

Page 28/308

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*Networks ; Mobile and Wireless
Communications ; Third
International IFIP-TC6 Networking
Conference, Athens, Greece, May 9
- 14, 2004 ; Proceedings*

Reduce organizational
cybersecurity risk and build

Page 29/308

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comprehensive WiFi, private cellular, and IOT security solutions
Wireless Security Architecture: Designing and Maintaining Secure Wireless for Enterprise offers readers an essential guide to planning,

Page 30/308

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designing, and preserving secure wireless infrastructures. It is a blueprint to a resilient and compliant architecture that responds to regulatory requirements, reduces organizational risk, and conforms

to industry best practices. This book emphasizes WiFi security, as well as guidance on private cellular and Internet of Things security. Readers will discover how to move beyond isolated technical certifications and vendor

training and put together a coherent network that responds to contemporary security risks. It offers up-to-date coverage—including data published for the first time—of new WPA3 security, Wi-Fi 6E,

zero-trust frameworks, and other emerging trends. It also includes: Concrete strategies suitable for organizations of all sizes, from large government agencies to small public and private companies Effective technical

resources and real-world sample architectures Explorations of the relationships between security, wireless, and network elements Practical planning templates, guides, and real-world case studies demonstrating application

of the included concepts Perfect
for network, wireless, and
enterprise security architects,
Wireless Security Architecture
belongs in the libraries of
technical leaders in firms of all
sizes and in any industry seeking

Page 36/308

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to build a secure wireless network.

The Certified Wireless Network Administrator (CWNA) is a foundation level wireless certification for the Certified Wireless Network Professional

(CWNP) program. The CWNP next provide three professional level certifications: Certified Wireless Security Professional (CWSP), Certified Wireless Analysis Professional (CWAP) and Certified Wireless Design Professional

(CWDP). A candidate can only reach the expert level CWNE certification after earning the CWNA, CWSP, CWAP and CWDP certifications. A candidate no longer has to pass an exam for the expert level Certified Wireless

Network Expert (CWNE) certification. Here we've brought best Exam practice questions for CWNA so that you can prepare well for CWNA exam. Unlike other online simulation practice tests, you get an Ebook version that is

easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

A practical, example-driven guide to configuring even the most advanced features of pfSense 2.x

Key Features Build a high-availability fault-tolerant security system with pfSense 2.x Leverage the latest version of pfSense to secure your cloud environment A recipe-based guide that will help you enhance your on-premise and

cloud security principles Book
Description pfSense is an open
source distribution of the
FreeBSD-based firewall that
provides a platform for flexible
and powerful routing and
firewalling. The versatility of

Page 43/308

captive-portal

pfSense presents us with a wide array of configuration options, which makes determining requirements a little more difficult and a lot more important compared to other offerings.

pfSense 2.x Cookbook – Second

Edition starts by providing you with an understanding of how to complete the basic steps needed to render a pfSense firewall operational. It starts by showing you how to set up different forms of NAT entries and firewall rules

and use aliases and scheduling in firewall rules. Moving on, you will learn how to implement a captive portal set up in different ways (no authentication, user manager authentication, and RADIUS authentication), as well as NTP

and SNMP configuration. You will then learn how to set up a VPN tunnel with pfSense. The book then focuses on setting up traffic shaping with pfSense, using either the built-in traffic shaping wizard, custom floating rules, or Snort.

Toward the end, you will set up multiple WAN interfaces, load balancing and failover groups, and a CARP failover group. You will also learn how to bridge interfaces, add static routing entries, and use dynamic routing

protocols via third-party packages. What you will learn

- Configure the essential pfSense services (namely, DHCP, DNS, and DDNS)
- Create aliases, firewall rules, NAT port-forward rules, and rule schedules
- Create

multiple WAN interfaces in load-balanced or failover configurations
Configure firewall redundancy with a CARP firewall failover
Configure backup/restoration and automatic configuration-file backup

Configure some services and perform diagnostics with command-line utilities Who this book is for This book is intended for all levels of network administrators. If you are an advanced user of pfSense, then

you can flip to a particular recipe and quickly accomplish the task at hand; if you are new to pfSense, on the other hand, you can work through the book chapter by chapter and learn all of the features of the system from the

ground up.

This book contains the refereed proceedings of the 3rd International IFIP-TC6 Networking Conference, Networking 2004. Conferences in the Networking series span the

interests of several distinct, but related, TC6 working groups, including Working Groups 6.2, 6.3, and 6.8. Reflecting this, the conference was structured with three Special Tracks: (i) Networking Technologies,

Services, and Protocols; (ii) Performance of Computer and Communication Networks; and (iii) Mobile and Wireless Communications. However, beyond providing a forum for the presentation of high-quality -

search in various complementary aspects of networking, the conference was also targeted to contribute to a unified view of the field and to fostering the interaction and exchange of fruitful ideas between the various related (and

overlapping) specialized subcommunities therein. Towards this second objective, more than a few conference sessions (and thematic sections in this book) 'cut across' the Special Tracks, along more generic or

fundamental concepts.
Networking 2004 was fortunate to attract very high interest among the community, and the conference received 539 submissions from 44 countries in all five continents. These figures correspond to a

remarkable increase in submissions from the previous very successful events (roughly, a 156% increase over Networking 2000 and 71% over Networking 2002), and indicate that Networking conferences are

progressively becoming
established as worldwide
reference events in the field.
Network Security Hacks
pfSense 2.x Cookbook
Exam PW0-204
Research Methods for Greater

Transparency
Exam CWNA-107
Mastering pfSense,
Unleash Kali Linux, PowerShell,
and Windows debugging tools for
security testing and analysis
Auditing Corporate Surveillance

Page 61/308

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Systems

*Prepare with the only official
study guide for the CWNA-106
The CWNA: Certified Wireless
Network Administrator
Official Study Guide: Exam
CWNA-106 is the officially*

Page 62/308

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endorsed CWNA testprep for the leading wireless certification. Expert authors and CWNEs David D. Coleman and David A. Westcott guide readers through the skills and concepts candidates need to

Page 63/308

captive-portal

know for the exam, using hands-on methods to convey an in-depth understanding of wireless network administration. Readers should have a basic knowledge of Radio Frequency behavior,

Page 64/308

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experience with WLAN hardware peripherals and protocols, and an interest in designing, installing, and managing wireless networks. Wireless technology is taking over the tech

industry, and the demand for competent, certified professionals is far outpacing the supply. A CWNA certification denotes advanced-level proficiency in the field, with a complete understanding

of wireless LAN components, features, and function—but the only way to pass the exam is to truly understand the material, not just the talking points. The CWNA: Certified Wireless Network Administrator Official

Study Guide thoroughly covers each exam objective, and includes review questions, assessment tests, and exercises to test your skills. Topics include: Radio Frequency technologies,

regulations, and standards
802.11 protocols Network
implementation and security
802.11 RF site surveying
Readers also get access to a
suite of study tools including
anelectronic test engine with

Page 69/308

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hundreds or practice test questions, electronic flashcards, exercise peripherals, and industry WhitePapers, which serve as valuable backup references. In preparing for the CWNA-106 exam, the ideal

study guide should cover all of the exam topics in depth—CWNA: Certified Wireless Network Administrator Official Study Guide does just that, making it an excellent, comprehensive study guide.

Master the art of identifying vulnerabilities within the Windows OS and develop the desired solutions for it using Kali Linux. Key Features
Identify the vulnerabilities in your system using Kali Linux

Page 72/308

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2018.02 Discover the art of exploiting Windows kernel drivers Get to know several bypassing techniques to gain control of your Windows environment Book Description Windows has always been the

Page 73/308

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go-to platform for users around the globe to perform administration and ad hoc tasks, in settings that range from small offices to global enterprises, and this massive footprint makes securing

*Windows a unique challenge.
This book will enable you to
distinguish yourself to your
clients. In this book, you'll learn
advanced techniques to attack
Windows environments from
the indispensable toolkit that is*

Page 75/308

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Kali Linux. We'll work through core network hacking concepts and advanced Windows exploitation techniques, such as stack and heap overflows, precision heap spraying, and kernel exploitation, using

coding principles that allow you to leverage powerful Python scripts and shellcode. We'll wrap up with post-exploitation strategies that enable you to go deeper and keep your access. Finally, we'll

introduce kernel hacking fundamentals and fuzzing testing, so you can discover vulnerabilities and write custom exploits. By the end of this book, you'll be well-versed in identifying vulnerabilities

Page 78/308

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*within the Windows OS and
developing the desired
solutions for them. What you
will learn Get to know
advanced pen testing
techniques with Kali Linux Gain
an understanding of Kali Linux*

Page 79/308

captive-portal

*tools and methods from behind
the scenes See how to use Kali
Linux at an advanced level
Understand the exploitation of
Windows kernel drivers
Understand advanced Windows
concepts and protections, and*

Page 80/308

captive-portal

*how to bypass them using Kali
Linux Discover Windows
exploitation techniques, such
as stack and heap overflows
and kernel exploitation,
through coding principles Who
this book is for This book is for*

Page 81/308

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penetration testers, ethical hackers, and individuals breaking into the pentesting role after demonstrating an advanced skill in boot camps. Prior experience with Windows exploitation, Kali Linux, and

*some Windows debugging tools
is necessary*

*Discusses the history and
evolution of wireless networks
Explores the impact of wireless
on the corporate world Focuses
on 802.11 WLAN security in*

both the small office/home office world and for larger organizations Gives security solutions to the risks and vulnerabilities of mobile devices Reviews the mobile malware landscape and

Page 84/308

captive-portal

*discusses mitigation strategies
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/SO
HO/Public-Network Security
design models and security
solution implementation,
building robust security*

*networks, wireless LAN
management systems, and
much more.*

*Wireless Security Architecture
Manage and maintain your
network using pfSense, 2nd
Edition*

Page 88/308

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*ESORICS 2019 International
Workshops, DPM 2019 and CBT
2019, Luxembourg, September
26-27, 2019, Proceedings
CWNA Guide to Wireless LANs
Exam N10-007
Data Privacy Management,*

Page 89/308

captive-portal

*Cryptocurrencies and
Blockchain Technology
Mastering Palo Alto Networks
CWTS: Certified Wireless
Technology Specialist Official
Study Guide*

A fascinating bird's eye

Page 90/308

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view on a hugely relevant topic. This book constitutes the refereed proceedings of the 4th International Conference on Ubiquitous Intelligence and Computing held in Hong Kong, China in 2007, co-located with ATC

Page 91/308

captive-portal

2007, the 4th International Conference on Autonomic and Trusted Computing. The 119 revised full papers presented together with 1 keynote paper and 1 invited paper were carefully reviewed and selected from

Page 92/308

captive-portal

463 submissions. The papers are organized in topical sections.

This book provides a thorough examination and analysis of cutting-edge research and security solutions in wireless and

mobile networks. It begins with coverage of the basic security concepts and fundamentals which underpin and provide the knowledge necessary for understanding and evaluating security issues, challenges, and

Page 94/308

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solutions. This material will be of invaluable use to all those working in the network security field, and especially to the many people entering the field. The next area of focus is on the security issues and

Page 95/308

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available solutions associated with off-the-shelf wireless and mobile technologies such as Bluetooth, WiFi, WiMax, 2G, and 3G. There is coverage of the security techniques used to protect applications

Page 96/308

captive-portal

downloaded by mobile terminals through mobile cellular networks, and finally the book addresses security issues and solutions in emerging wireless and mobile technologies such as ad hoc

Page 97/308

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and sensor networks,
cellular 4G and IMS
networks.

Set up next-generation
firewalls from Palo Alto
Networks and get to grips
with configuring and
troubleshooting using the

Page 98/308

captive-portal

PAN-OS platform Key Features
Understand how to optimally
use PAN-OS features Build
firewall solutions to
safeguard local, cloud, and
mobile networks Protect your
infrastructure and users by
implementing robust threat

Page 99/308

captive-portal

prevention solutions Book
Description To safeguard
against security threats, it
is crucial to ensure that
your organization is
effectively secured across
networks, mobile devices,
and the cloud. Palo Alto

Page 100/308

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Networks' integrated platform makes it easy to manage network and cloud security along with endpoint protection and a wide range of security services. With this book, you'll understand Palo Alto Networks and learn

Page 101/308

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how to implement essential techniques, right from deploying firewalls through to advanced troubleshooting. The book starts by showing you how to set up and configure the Palo Alto Networks firewall, helping

Page 102/308

captive-portal

you to understand the technology and appreciate the simple, yet powerful, PAN-OS platform. Once you've explored the web interface and command-line structure, you'll be able to predict expected behavior and

troubleshoot anomalies with confidence. You'll learn why and how to create strong security policies and discover how the firewall protects against encrypted threats. In addition to this, you'll get to grips

Page 104/308

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with identifying users and controlling access to your network with user IDs and even prioritize traffic using quality of service (QoS). The book will show you how to enable special modes on the firewall for

Page 105/308

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shared environments and extend security capabilities to smaller locations. By the end of this network security book, you'll be well-versed with advanced troubleshooting techniques and best practices

Page 106/308

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recommended by an
experienced security
engineer and Palo Alto
Networks expert. What you
will learn Perform
administrative tasks using
the web interface and
command-line interface (CLI)

Page 107/308

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Explore the core technologies that will help you boost your network security Discover best practices and considerations for configuring security policies Run and interpret troubleshooting and

Page 108/308

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debugging commands Manage
firewalls through Panorama
to reduce administrative
workloads Protect your
network from malicious
traffic via threat
prevention Who this book is
for This book is for network

Page 109/308

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engineers, network security analysts, and security professionals who want to understand and deploy Palo Alto Networks in their infrastructure. Anyone looking for in-depth knowledge of Palo Alto

Page 110/308

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Network technologies,
including those who
currently use Palo Alto
Network products, will find
this book useful.

Intermediate-level network
administration knowledge is
necessary to get started

Page 111/308

captive-portal

with this cybersecurity book.

If you are a security engineer or a system administrator and want to secure your server infrastructure with the feature-rich Untangle, this

Page 112/308

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book is for you. For individuals who want to start their career in the network security field, this book would serve as a perfect companion to learn the basics of network security and how to

Page 113/308

captive-portal

implement it using Untangle
NGFW.

Wireless and Mobile Network
Security

Learn pfSense 2.4

Real World Skills for

CompTIA Mobility+

Certification and Beyond

Page 114/308

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The Illustrated Network
A Comprehensive Approach
CWNA
CWSP Certified Wireless
Security Professional
Official Study Guide
How TCP/IP Works in a Modern
Network

Page 115/308

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The #1 selling Wi-Fi networking reference guide in the world 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

Page 116/308

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all exam objectives to help you pass the exam. But passing the exam is just a first step. For over 16 years, the CWNA Study Guide has helped individuals jump-start their wireless networking careers. Wireless networking professionals across the globe use this book as their

Page 117/308

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workplace reference guide for enterprise Wi-Fi technology. Owning this book provides you with a foundation of knowledge for important Wi-Fi networking topics, including: Radio frequency (RF) fundamentals 802.11 MAC and medium access Wireless LAN

Page 118/308

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topologies and architecture WLAN
design, troubleshooting and
validation Wi-Fi networking security
The book authors have over 40 years
of combined Wi-Fi networking
expertise and provide real-world
insights that you can leverage in your
wireless networking career. Each of

Page 119/308

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the book ' s 20 chapters breaks down complex topics into easy to understand nuggets of useful information. Each chapter has review questions that help you gauge your progress along the way. Additionally, hands-on exercises allow you to practice applying CWNA concepts to

Page 120/308

captive-portal

real-world scenarios. 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 certification is a de facto standard for anyone working with wireless

Page 121/308

captive-portal

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 networks functioning and safe. The CWNA: Certified Wireless Network Administrator Study Guide

Page 122/308

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gives you everything you need to pass the exam with flying colors. This book constitutes the thoroughly refereed post-conference proceedings of the 10th International Conference on Mobile Computing, Applications, and Services, MobiCASE 2019, held in Hangzhou, China, in

Page 123/308

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June 2019. The 17 full papers were carefully reviewed and selected from 48 submissions. The papers are organized in topical sections on mobile application with data analysis, mobile application with AI, edge computing, energy optimization and application

Page 124/308

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This book constitutes the refereed proceedings of the 24th IFIP TC 11 International Information Security Conference, SEC 2009, held in Pafos, Cyprus, in May 2009. The 38 revised full papers presented were carefully reviewed and selected from 176 submissions. The papers are

Page 125/308

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organized in topical sections on identification and authentication, threats and attacks, applications of cryptography and information hiding, trusted computing, security policies, validation, verification and evaluation, privacy protection and security assessment, role mining and

Page 126/308

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content protection, security protocols, access control, and internet and Web applications security.

Introduces more than one hundred effective ways to ensure security in a Linux, UNIX, or Windows network, covering both TCP/IP-based services and host-based security techniques,

Page 127/308

captive-portal

with examples of applied encryption,
intrusion detections, and logging.

Designing and Maintaining Secure
Wireless for Enterprise

5th International Workshop on
Internet Charging and QoS

Technologies, ICQT 2006, St. Malo,
France, June 27, 2006, Proceedings

Page 128/308

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Mobile Computing, Applications, and
Services

Captive Portal Second Edition
(PW0-071)

CWTS, CWS, and CWT Complete Study
Guide

Proceedings of the DeepSec
Conferences

Page 129/308

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EXAM REVIEW QUESTIONS FOR CWNA
Exam Prep Updated 2020
Install and configure a
pfSense router/firewall,
and become a pfSense
expert in the process. Key
Features You can always do

Page 130/308

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more to secure your software – so extend and customize your pfSense firewall Build a high availability security system that's fault-tolerant – and capable of

Page 131/308

captive-portal

blocking potential threats
Put the principles of
better security into
practice by implementing
examples provided in the
text Book Description
pfSense has the same

reliability and stability
as even the most popular
commercial firewall
offerings on the market –
but, like the very best
open-source software, it
doesn't limit you. You're

in control – you can exploit and customize pfSense around your security needs. Mastering pfSense - Second Edition, covers features that have long been part of pfSense

Page 134/308

captive-portal

such as captive portal, VLANs, traffic shaping, VPNs, load balancing, Common Address Redundancy Protocol (CARP), multi-WAN, and routing. It also covers features that have

been added with the release of 2.4, such as support for ZFS partitions and OpenVPN 2.4. This book takes into account the fact that, in order to support increased

cryptographic loads, pfSense version 2.5 will require a CPU that supports AES-NI. The second edition of this book places more of an emphasis on the practical

side of utilizing pfSense than the previous edition, and, as a result, more examples are provided which show in step-by-step fashion how to implement many features. What you

will learn Configure
pfSense services such as
DHCP, Dynamic DNS, captive
portal, DNS, NTP and SNMP
Set up a managed switch to
work with VLANs Use
pfSense to allow, block

and deny traffic, and to
implement Network Address
Translation (NAT) Make use
of the traffic shaper to
lower and raise the
priority of certain types
of traffic Set up and

connect to a VPN tunnel
with pfSense Incorporate
redundancy and high
availability by utilizing
load balancing and the
Common Address Redundancy
Protocol (CARP) Explore

Page 141/308

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diagnostic tools in
pfSense to solve network
problems Who this book is
for This book is for those
with at least an
intermediate understanding
of networking. Prior

Page 142/308

captive-portal

knowledge of pfSense would be helpful but is not required. Those who have the resources to set up a pfSense firewall, either in a real or virtual environment, will

especially benefit, as they will be able to follow along with the examples in the book. Master the technical skills and industry knowledge you need to

begin an exciting career installing, configuring and troubleshooting computer networks with West's completely updated NETWORK+ GUIDE TO NETWORKS, 9E. This

Page 145/308

captive-portal

resource thoroughly prepares you for success on the latest CompTIA's Network+ N10-008 certification exam as content corresponds to all exam objectives, including

protocols, topologies,
hardware, network design,
security and
troubleshooting. Detailed,
step-by-step instructions
as well as cloud,
virtualization and

simulation projects give you experience working with a variety of hardware, software and operating systems as well as device interactions. Stories from professionals

on the job, insightful discussion prompts, hands-on activities, applications and projects all guide you in exploring key concepts in-depth. You gain the problem-solving

tools for success in any computing environment.
Important Notice: Media content referenced within the product description or the product text may not be available in the ebook

version.

Contains the latest research, case studies, theories, and methodologies within the field of wireless technologies.

The must-have guide to the CWTS exam, updated for 2017 CWTS Certified Wireless Technology Specialist Study Guide is your number-one resource for comprehensive exam

Page 152/308

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preparation. Updated to study in 2017 and beyond, this book takes a multi-modal approach to ensure your complete confidence and ability for the big day: full coverage of all

Page 153/308

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CWTS exam objectives
reinforces your conceptual
knowledge, hands-on
exercises help hone your
practical skills, and the
Sybex online learning
environment provides

flashcards, a glossary,
and review questions to
help you test your
understanding along the
way. An objective map and
pre-assessment test allow
for more efficient

preparation by showing you what you already know and what you need to review—and the companion website's complete practice exams give you a "dry run" so you can

pinpoint weak areas while there's still time to improve. If you're serious about earning your CWTS certification, this book is your ideal companion for complete and thorough

preparation. Learn critical concepts and apply essential skills in areas like hardware and software, radio frequency fundamentals, surveying and installation, support,

troubleshooting, security, and more. This guide gives you everything you need to approach the exam with confidence. Master 100 percent of the CWTS exam objectives Use effective

planning tools to get the most out of your study time Practice your skills with hands-on exercises and real-world scenarios Access online study aids that let you review any

time, any place The CWTS certification gets your foot in the door of a growing industry, and is a stepping stone to the industry standard CWNP certification. The exam

will test your abilities in all fundamental areas of Wi-Fi technology, so it's important that your study plan be complete and up-to-date. CWTS Certified Wireless Technology

Specialist Study Guide is
your ideal solution for
comprehensive preparation.
Cut the cord and discover
the world of wireless
hacks!
Hands-On Penetration

Page 163/308

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Testing on Windows
CWNA-107 Certified
Wireless Network
Administrator Exam
Practice Questions and
Dumps
Wireless Hacking: Projects

Page 164/308

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for Wi-Fi Enthusiasts
Mobile Computing
Deployment and Management
Get up and running with
Pfsense and all the core
concepts to build firewall
and routing solutions

Page 165/308

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Concepts, Methodologies,
Tools and Applications
Deploy and manage industry-
leading PAN-OS 10.x
solutions to secure your
users and infrastructure
Essential last-minute

Page 166/308

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review aid for the updated
CompTIA Network+ Exam
N10-007 CompTIA Network+
Review Guide Exam N10-007,
4th Edition, is your ideal
study companion for
preparing for the CompTIA

Network+ exam (N10-007) .
Organized by exam
objectives, this is a
focused, concise review
guide that works hand-in-
hand with any learning
tool, including the Sybex

CompTIA Network+ Study Guide, CompTIA Network+ Deluxe Study Guide, and CompTIA Network+ Practice Tests. The book is broken into 5 parts, each part corresponding to one of

the 5 objective domain
areas of the Network+
exam: Network
Architecture; Network
Operations; Network
Security; Troubleshooting;
and Industry Standards,

Page 170/308

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Practices, and Network Theory. Readers will also be given access to the comprehensive online Sybex test bank, which includes two bonus practice tests, electronic flashcards, and

a glossary of terms that you'll need to know come exam day. CompTIA's Network+ certification covers advances in networking technology, and reflects changes in

associated job tasks. The exam places greater emphasis on network implementation and support, and includes expanded coverage of wireless networking

topics. This review guide gives you the opportunity to identify your level of knowledge while there's still time to study, and avoid exam-day surprises. Review network

architecture and security
Understand network
operations and
troubleshooting Gain
insight into industry
standards and best
practices Get a firmer

Page 175/308

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grasp of network theory
fundamentals If you're
looking for a beginning,
vendor-neutral networking
certification, look no
further than CompTIA
Network+.

Work with one of the most
efficient open-source
FreeBSD-based firewall and
routing solutions to
secure your network with
ease Key Features Learn
end-to-end OPNsense

Page 177/308

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firewall implementation
and management Defend
against attacks by
leveraging third-party
plugins such as Nginx and
Sensei Grasp hands-on
examples and labs to

become proficient with
OPNsense firewall Book
Description OPNsense is
one of the most powerful
open source firewalls and
routing platforms
available. With OPNsense,

you can now protect
networks using features
that were only previously
available to closed source
commercial firewalls. This
book is a practical guide
to building a

Page 180/308

captive-portal

comprehensive network
defense strategy using
OPNsense. You'll start
with the basics,
understanding how to
install, configure, and
protect network resources

Page 181/308

captive-portal

using native features and additional OPNsense plugins. Next, you'll explore real-world examples to gain in-depth knowledge of firewalls and network defense. You'll

then focus on boosting your network defense, preventing cyber threats, and improving your knowledge of firewalling using this open source security platform. By the

end of this OPNsense book, you'll be able to install, configure, and manage the OPNsense firewall by making the most of its features. What you will learn Understand the

evolution of OPNsense Get
up and running with
installing and setting up
OPNsense Become well-
versed with firewalling
concepts and learn their
implementation and

practices Discover how to
apply web browsing
controls and website
protection Leverage Sensei
to implement next-
generation firewall
features Explore the

Page 186/308

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command-line interface
(CLI) and learn the most
relevant FreeBSD commands
Who this book is for This
OPNsense firewall book is
for system administrators,
network administrators,

network security
professionals, and
enthusiasts who wish to
build and manage an
enterprise-grade firewall
using OPNsense. A basic
understanding of how a

firewall works will be helpful to make the most of this book.

This book contains a broad spectrum of carefully researched articles dealing with IT-Security:

Page 189/308

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the proceedings of the
DeepSec InDepth Security
conference, an annual
event well known for
bringing together the
world's most renowned
security professionals

Page 190/308

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from academics,
government, industry, and
the underground hacking
community. In cooperation
with the Magdeburger
Institut für
Sicherheitsforschung (MIS)

we publish selected
articles covering topics
of past DeepSec
conferences. The
publication offers an in-
depth description which
extend the conference

presentation and includes a follow-up with updated information. Carefully picked, these proceedings are not purely academic, but papers written by people of practice,

international experts from various areas of the IT-Security zoo. You find features dealing with IT-Security strategy, the social domain as well as with technical issues, all

thoroughly researched and
hyper contemporary. We
want to encourage
individuals, organizations
and countries to meet and
exchange, to improve
overall security,

Page 195/308

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understanding and trust.
We try to combine hands-on
practice with scientific
approach. This book is
bringing it all together.
This book constitutes the
refereed proceedings of

Page 196/308

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the Third IFIP-TC6
Networking Conference,
NETWORKING 2004, held in
Athens, Greece, in May
2004. The 103 revised full
papers and 40 revised
short papers were

carefully reviewed and
selected from 539
submissions. The papers
are organized in topical
sections on network
security; TCP performance;
ad-hoc networks;

wavelength management;
multicast; wireless
network performance; inter-
domain routing; packet
classification and
scheduling; services and
monitoring; admission

control; competition in
networks; 3G/4G wireless
systems; MPLS and related
technologies; flow and
congestion control;
performance of IEEE
802.11; optical networks;

TCP and congestion; key management; authentication and DOS prevention; energy aspects of wireless networks; optical network access; routing in ad-hoc networks; fault detection,

restoration, and
tolerance; QoS metrics,
algorithms, and
architecture; content
distribution, caching, and
replication; and routing
theory and path

computation.

Exam CWNA-108

CWSP Certified Wireless

Security Professional

Study Guide

Performability Has Its

Price

Software Defined Networks
Networking Technologies,
Services, and Protocols;
Performance of Computer
and Communication
Networks; Mobile and
Wireless Communications

Page 204/308

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Third International IFIP-
TC6 Networking Conference
Athens, Greece, May 9-14,
2004, Proceedings
Exam CWNA-106
CWNA Certified Wireless
Network Administrator

Official Deluxe Study
Guide
24th IFIP TC 11
International Information
Security Conference, SEC
2009, Pafos, Cyprus, May
18-20, 2009, Proceedings

Page 206/308

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***This book constitutes the
refereed proceedings of the
5th International Workshop on
Internet Charging and QoS
Technologies, ICQT 2006, held
in St. Malo, France, June 2006
as an associated workshop of***

Page 207/308

captive-portal

***ACM Sigmetrics / IFIP
Performance 2006. The book
presents eight revised full
papers together with a keynote
paper, organized in topical
sections on economy-driven
modeling, auctions, peer-to-***

Page 208/308

***peer, and secure billing,
addressing vital topics in
networking research and
business modeling.***

***What problems are you facing
and how do you consider
Captive Portal will circumvent***

Page 209/308

captive-portal

***those obstacles? Is the
Captive Portal process
severely broken such that a re-
design is necessary? What
Captive Portal modifications
can you make work for you?
Who will provide the final***

Page 210/308

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approval of Captive Portal deliverables? How do you ensure that implementations of Captive Portal products are done in a way that ensures safety? This exclusive Captive Portal self-assessment will

Page 211/308

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***make you the accepted
Captive Portal domain
specialist by revealing just
what you need to know to be
fluent and ready for any
Captive Portal challenge. How
do I reduce the effort in the***

Page 212/308

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Captive Portal work to be done to get problems solved? How can I ensure that plans of action include every Captive Portal task and that every Captive Portal outcome is in place? How will I save time

Page 213/308

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investigating strategic and tactical options and ensuring Captive Portal costs are low? How can I deliver tailored Captive Portal advice instantly with structured going-forward plans? There's no better guide

Page 214/308

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through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Captive Portal essentials are covered, from every angle: the Captive Portal self-assessment shows

Page 215/308

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***succinctly and clearly that
what needs to be clarified to
organize the required activities
and processes so that Captive
Portal outcomes are achieved.
Contains extensive criteria
grounded in past and current***

Page 216/308

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successful projects and activities by experienced Captive Portal practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in

Page 217/308

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***knowing how to ensure the
outcome of any efforts in
Captive Portal are maximized
with professional results. Your
purchase includes access
details to the Captive Portal
self-assessment dashboard***

Page 218/308

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***download which gives you
your dynamically prioritized
projects-ready tool and shows
you exactly what to do next.
Your exclusive instant access
details can be found in your
book. You will receive the***

Page 219/308

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***following contents with New
and Updated specific criteria: -
The latest quick edition of the
book in PDF - The latest
complete edition of the book in
PDF, which criteria
correspond to the criteria in... -***

Page 220/308

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***The Self-Assessment Excel
Dashboard - Example pre-filled
Self-Assessment Excel
Dashboard to get familiar with
results generation - In-depth
and specific Captive Portal
Checklists - Project***

Page 221/308

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***management checklists and
templates to assist with
implementation INCLUDES
LIFETIME SELF ASSESSMENT
UPDATES Every self
assessment comes with
Lifetime Updates and Lifetime***

Page 222/308

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Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your

Page 223/308

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fingertips.

Software Defined Networks discusses the historical networking environment that gave rise to SDN, as well as the latest advances in SDN technology. The book gives

Page 224/308

captive-portal

***you the state of the art
knowledge needed for
successful deployment of an
SDN, including: How to explain
to the non-technical business
decision makers in your
organization the potential***

Page 225/308

captive-portal

***benefits, as well as the risks,
in shifting parts of a network
to the SDN model How to make
intelligent decisions about
when to integrate SDN
technologies in a network How
to decide if your organization***

Page 226/308

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should be developing its own SDN applications or looking to acquire these from an outside vendor How to accelerate the ability to develop your own SDN application, be it entirely novel or a more efficient

Page 227/308

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***approach to a long-standing
problem Discusses the
evolution of the switch
platforms that enable SDN
Addresses when to integrate
SDN technologies in a network
Provides an overview of***

Page 228/308

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***sample SDN applications
relevant to different industries
Includes practical examples of
how to write SDN applications
Complete CWNA–106 prep,
with full coverage and
hands–on practice CWNA***

Page 229/308

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Certified Wireless Network Administrator Deluxe Study Guide is your official study guide for the leading wireless certification program. Updated for the new CWNA–106 exam, this book provides coverage

Page 230/308

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***of all exam objectives, plus
review questions and
hands-on exercises that help
you build your skills and your
confidence before exam day.
Start with a pre-assessment
test to find out how much you***

Page 231/308

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already know, then fill in the gaps with detailed coverage of radio frequency technology, regulations and standards, protocols and devices, network implementation and security, RF site surveying,

Page 232/308

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and much more. Sybex's interactive online learning environment and test bank gives you access to hundreds of questions and robust study tools, including chapter tests, practice exams, flashcards, a

Page 233/308

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***glossary of key terms, and
bonus chapter material all to
help you prepare for and
increase your chances of
passing the exam the first time
around. Find your starting
point with a pre-assessment***

Page 234/308

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***test Get up to speed on all
CWNA–106 exam objectives
Sharpen your practical skills
with hands–on exercises Test
your knowledge with practice
exam questions Savvy
candidates know that strategic***

Page 235/308

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prep is essential to first-time success, and CWNA Certified Wireless Network Administrator Deluxe Study Guide is your toolbox for building the next step in your wireless career.

Page 236/308

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***Cases on ICT Utilization,
Practice and Solutions: Tools
for Managing Day-to-Day
Issues***

***Exams PW0-071, CWS-100,
CWT-100***

Wireless Technologies:

Page 237/308

***Concepts, Methodologies,
Tools and Applications
CompTIA Network+ Guide to
Networks
Wireless Hacks
Networking 2004
Tools for Managing Day-to-Day***

Page 238/308

Issues

OPNsense Beginner to Professional

In 1994, W. Richard Stevens and Addison-Wesley published a networking classic: TCP/IP Illustrated. The model for that

Page 239/308

book was a brilliant, unfettered approach to networking concepts that has proven itself over time to be popular with readers of beginning to intermediate networking knowledge. The Illustrated Network takes this

Page 240/308

captive-portal

time-honored approach and modernizes it by creating not only a much larger and more complicated network, but also by incorporating all the networking advancements that have taken place since the mid-1990s, which

Page 241/308

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are many. This book takes the popular Stevens approach and modernizes it, employing 2008 equipment, operating systems, and router vendors. It presents an ?illustrated? explanation of how TCP/IP works with

Page 242/308

captive-portal

consistent examples from a real, working network configuration that includes servers, routers, and workstations. Diagnostic traces allow the reader to follow the discussion with unprecedented clarity and

Page 243/308

captive-portal

precision. True to the title of the book, there are 330+ diagrams and screen shots, as well as topology diagrams and a unique repeating chapter opening diagram. Illustrations are also used as end-of-chapter

Page 244/308

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questions. A complete and modern network was assembled to write this book, with all the material coming from real objects connected and running on the network, not assumptions.

Presents a real world networking

Page 245/308

captive-portal

scenario the way the reader sees them in a device-agnostic world. Doesn't preach one platform or the other. Here are ten key differences between the two: Stevens Goralski's Older operating systems (AIX,svr4,etc.)

Page 246/308

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Newer OSs (XP, Linux,
FreeBSD, etc.) Two routers
(Cisco, Telebit (obsolete)) Two
routers (M-series, J-series) Slow
Ethernet and SLIP link Fast
Ethernet, Gigabit Ethernet, and
SONET/SDH links (modern)

Page 247/308

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Tcpdump for traces Newer,
better utility to capture traces
(Ethereal, now has a new name!)
No IPSec IPSec No multicast
Multicast No router security
discussed Firewall routers
detailed No Web Full Web

Page 248/308

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browser HTML consideration No
IPv6 IPv6 overview Few
configuration details More
configuration details (ie, SSH,
SSL, MPLS, ATM/FR
consideration, wireless LANS,
OSPF and BGP routing protocols

Page 249/308

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New Modern Approach to Popular Topic Adopts the popular Stevens approach and modernizes it, giving the reader insights into the most up-to-date network equipment, operating systems, and router vendors.

Page 250/308

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Shows and Tells Presents an illustrated explanation of how TCP/IP works with consistent examples from a real, working network configuration that includes servers, routers, and workstations, allowing the reader

Page 251/308

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to follow the discussion with
unprecedented clarity and
precision. Over 330 Illustrations
True to the title, there are 330
diagrams, screen shots, topology
diagrams, and a unique
repeating chapter opening

Page 252/308

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diagram to reinforce concepts
Based on Actual Networks A
complete and modern network
was assembled to write this
book, with all the material
coming from real objects
connected and running on the

Page 253/308

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network, bringing the real world,
not theory, into sharp focus.
This book constitutes the
refereed conference proceedings
of the 14th International
Workshop on Data Privacy
Management, DPM 2019, and

Page 254/308

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the Third International Workshop
on Cryptocurrencies and
Blockchain Technology, CBT
2019, held in conjunction with
the 24th European Symposium
on Research in Computer
Security, ESORICS 2019, held in

Page 255/308

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Luxembourg in September 2019.
For the CBT Workshop 10 full
and 8 short papers were
accepted out of 39 submissions.
The selected papers are
organized in the following topical
headings: lightning networks and

Page 256/308

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level 2; smart contracts and applications; and payment systems, privacy and mining. The DPM Workshop received 26 submissions from which 8 full and 2 short papers were selected for presentation. The

Page 257/308

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papers focus on privacy preserving data analysis; field/lab studies; and privacy by design and data anonymization. Chapter 2, “Integral Privacy Compliant Statistics Computation,” and Chapter 8,

Page 258/308

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“Graph Perturbation as Noise Graph Addition: a New Perspective for Graph Anonymization,” of this book are available open access under a CC BY 4.0 license at link.springer.com.

Page 259/308

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CWNA GUIDE TO WIRELESS
LANS, 3rd Edition provides
students with the conceptual
knowledge and hands-on skills
needed to work with wireless
technology in a network
administration environment as

Page 260/308

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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

Page 261/308

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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

Page 262/308

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GUIDE TO WIRELESS LANS
the practical guide that prepares
students for real-world wireless
networking. Important Notice:
Media content referenced within
the product description or the
product text may not be available

Page 263/308

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in the ebook version.
News headlines about privacy
invasions, discrimination, and
biases discovered in the
platforms of big technology
companies are commonplace
today, and big tech's reluctance

Page 264/308

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to disclose how they operate counteracts ideals of transparency, openness, and accountability. This book is for computer science students and researchers who want to study big tech's corporate surveillance

Page 265/308

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from an experimental, empirical, or quantitative point of view and thereby contribute to holding big tech accountable. As a comprehensive technical resource, it guides readers through the corporate

Page 266/308

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surveillance landscape and describes in detail how corporate surveillance works, how it can be studied experimentally, and what existing studies have found. It provides a thorough foundation in the necessary research

Page 267/308

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methods and tools, and introduces the current research landscape along with a wide range of open issues and challenges. The book also explains how to consider ethical issues and how to turn research

Page 268/308

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results into real-world change.
Manage, secure, and monitor
your on-premise and cloud
network with pfSense 2.4, 2nd
Edition

10th EAI International
Conference, MobiCASE 2019,

Page 269/308

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Hangzhou, China, June 14-15,
2019, Proceedings
Certified Wireless Network
Administrator Official Study
Guide: Exam CWNA-106
CompTIA Network+ Review
Guide

Page 270/308

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Ubiquitous Intelligence and
Computing
4th International Conference,
UIC 2007, Hong Kong, China,
July 11-13, 2007, Proceedings
Emerging Challenges for
Security, Privacy and Trust

Page 271/308

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"This book presents in-depth insight through a case study approach into the current state of research in ICT as well as identified successful approaches, tools and

Page 272/308

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*methodologies in ICT
research"--Provided by
publisher.*

*The bestselling CWNA
study guide, updated for
the latest exam The
CWNA: Certified Wireless*

Page 273/308

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*Network Administrator
Study Guide is the
ultimate preparation
resource for the CWNA
exam. Fully updated to
align with the latest
version of the exam,*

Page 274/308

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*this book features
expert coverage of all
exam objectives to help
you internalize
essential information. A
pre-assessment test
reveals what you already*

Page 275/308

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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.

Page 276/308

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*Expert-led discussion
breaks complex topics
down into easily-
digestible chunks to
facilitate clearer
understanding, and
chapter review questions*

Page 277/308

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*help you gauge your
progress along the way.
You also get a year of
free access to the Sybex
online interactive
learning environment,
which features*

Page 278/308

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*additional resources and
study aids including
bonus practice exam
questions. The CWNA exam
tests your knowledge of
regulations and
standards, protocols and*

Page 279/308

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*devices, network
implementation,
security, and RF site
surveying. Thorough
preparation gives you
your best chance of
passing, and this book*

Page 280/308

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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

Page 281/308

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*with hands-on exercises
Test your understanding
with challenging chapter
tests Access digital
flashcards, white
papers, bonus practice
exams, and more The CWNA*

Page 282/308

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certification is a de facto standard for anyone working with wireless technology. It shows employers that you have demonstrated competence in critical

Page 283/308

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areas, and have the knowledge and skills to perform essential duties that keep their wireless technology functioning and safe. The CWNA: Certified Wireless

Page 284/308

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*Network Administrator
Study Guide gives you
everything you need to
pass the exam with
flying colors.*

*NOTE: The exam this book
covered, CWTS: Certified*

Page 285/308

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*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,*

Page 286/308

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*please look for the
latest edition of this
guide: CWTS, CWS, and
CWT Complete Study
Guide: Exams PW0
(9781119385035).*

Completely updated to

Page 287/308

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*cover the latest
Certified Wireless
Technology Specialist
exam, this best-selling
guide is the only
Official Study Guide for
the popular wireless*

Page 288/308

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*certification. This
foundation-level
certification is in high
demand for wireless
networking
professionals, and you
can master all the exam*

Page 289/308

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*topics with this
Official guide. It
covers all the exam
objectives and helps you
study with hands-on
exercises, chapter
review questions, an*

Page 290/308

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objective map, a pre-assessment test, and additional study tools on the companion website. The only official study guide endorsed by CWNP

Page 291/308

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*Thoroughly covers all
exam objectives,
including Wi-Fi
Technology, Standards,
and Certifications;
Hardware and Software;
Radio Frequency (RF)*

Page 292/308

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*Fundamentals; Site
Surveying and
Installation;
Applications, Support,
and Troubleshooting; and
Security & Compliance
Includes hands-on*

Page 293/308

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exercises and real-world scenarios to increase understanding Study aids include review questions, glossary, objective map, sample tests, and electronic

Page 294/308

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*flashcards CWTS:
Certified Wireless
Technology Specialist
Official Study Guide,
2nd Edition is the study
buddy that will enhance
your chances for exam*

Page 295/308

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success. Note: CD-ROM materials for eBook purchases can be downloaded from <http://booksupport.wiley.com>. Install, Configure and Setup different

Page 296/308

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*connections with pfSense
Key Features Build
firewall and routing
solutions with PfSense.
Learn how to create
captive portals, how to
connect Pfsense to your*

Page 297/308

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*https environment and so
on. Practical approach
towards building
firewall solutions for
your organization Book
Description As computer
networks become*

Page 298/308

captive-portal

*ubiquitous, it has
become increasingly
important to both secure
and optimize our
networks. pfSense, an
open-source
router/firewall,*

Page 299/308

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provides an easy, cost-effective way of achieving this - and this book explains how to install and configure pfSense in such a way that even a networking

Page 300/308

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*beginner can
successfully deploy and
use pfSense. This book
begins by covering
networking fundamentals,
deployment scenarios,
and hardware sizing*

Page 301/308

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guidelines, as well as how to install pfSense. The book then covers configuration of basic services such as DHCP, DNS, and captive portal and VLAN configuration.

Page 302/308

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Careful consideration is given to the core firewall functionality of pfSense, and how to set up firewall rules and traffic shaping. Finally, the book covers

Page 303/308

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*the basics of VPNs,
multi-WAN setups,
routing and bridging,
and how to perform
diagnostics and
troubleshooting on a
network. What you will*

Page 304/308

captive-portal

*learn Install pfSense
Configure additional
interfaces, and enable
and configure DHCP
Understand Captive
portal Understand
firewalls and NAT, and*

Page 305/308

captive-portal

*traffic shaping Learn in
detail about VPNs
Understand Multi-WAN
Learn about routing and
bridging in detail
Understand the basics of
diagnostics and*

Page 306/308

captive-portal

troubleshooting networks
Who this book is for
This book is towards any
network security
professionals who want
to get introduced to the
world of firewalls and

Page 307/308

captive-portal

*network configurations
using Pfsense. No
knowledge of PfSense is
required*