

## Hacking Exposed Web Applications Index Of

Penetration testers simulate cyber attacks to find security weaknesses in networks, operating systems, and applications. Information security experts worldwide use penetration techniques to evaluate enterprise defenses. In *Penetration Testing*, security expert, researcher, and trainer Georgia Weidman introduces you to the core skills and techniques that every pentester needs. Using a virtual machine-based lab that includes Kali Linux and vulnerable operating systems, you'll run through a series of practical lessons with tools like Wireshark, Nmap, and Burp Suite. As you follow along with the labs and launch attacks, you'll experience the key stages of an actual assessment—including information gathering, finding exploitable vulnerabilities, gaining access to systems, post exploitation, and more. Learn how to: –Crack passwords and wireless network keys with brute-forcing and wordlists –Test web applications for vulnerabilities –Use the Metasploit Framework to launch exploits and write your own Metasploit modules –Automate social-engineering attacks –Bypass antivirus software –Turn access to one machine into total control of the enterprise in the post exploitation phase You'll even explore writing your own exploits. Then it's on to mobile hacking—Weidman's particular area of research—with her tool, the Smartphone Pentest Framework. With its collection of hands-on lessons that cover key tools and strategies, *Penetration Testing* is the introduction that every aspiring hacker needs.

How can an information security professional keep up with all of the hacks, attacks, and exploits on the Web? One way is to read *Hacking Web Apps*. The content for this book has been selected by author Mike Shema to make sure that we are covering the most vicious attacks out there. Not only does Mike let you in on the anatomy of these attacks, but he also tells you how to get rid of these worms, trojans, and botnets and how to defend against them in the future. Countermeasures are detailed so that you can fight against similar attacks as they evolve. Attacks featured in this book include: • SQL Injection • Cross Site Scripting • Logic Attacks • Server Misconfigurations • Predictable Pages • Web of Distrust • Breaking Authentication Schemes • HTML5 Security Breaches • Attacks on Mobile Apps Even if you don't develop web sites or write HTML, *Hacking Web Apps* can still help you learn how sites are attacked—as well as the best way to defend against these attacks. Plus, *Hacking Web Apps* gives you detailed steps to make the web browser – sometimes your last line of defense – more secure. More and more data, from finances to photos, is moving into web applications. How much can you trust that data to be accessible from a web browser anywhere and safe at the same time? Some of the most damaging hacks to a web site can be executed with nothing more than a web browser and a little knowledge of HTML. Learn about the most common threats and how to stop them, including HTML Injection, XSS, Cross Site Request Forgery, SQL Injection, Breaking Authentication Schemes, Logic Attacks, Web of Distrust, Browser Hacks and many more.

This book is a practical guide to discovering and exploiting security flaws in web applications. The authors explain each category of vulnerability using real-world examples, screen shots and code extracts. The book is extremely practical in focus, and describes in detail the steps involved in detecting and exploiting each kind of security weakness found within a variety of applications such as online banking, e-commerce and other web applications. The topics covered include bypassing login mechanisms, injecting code, exploiting logic flaws and compromising other users. Because every web application is different, attacking them entails bringing to bear various general principles, techniques and experience in an imaginative way. The most successful hackers go beyond this, and find ways to automate their bespoke attacks. This handbook describes a proven methodology that combines the virtues of human intelligence and computerized brute force, often with devastating results. The authors are professional penetration testers who have been involved in web application security for nearly a decade. They have presented training courses at the Black Hat security conferences throughout the world. Under the alias "PortSwigger", Dafydd developed the popular Burp Suite of web application hack tools. This book features high-quality research papers presented at the International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017). It includes sections describing technical advances in the fields of advanced computing and intelligent engineering, which are based on the presented articles. Intended for postgraduate students and researchers working in the discipline of computer science and engineering, the proceedings also appeal to researchers in the domain of electronics as it covers hardware technologies and future communication technologies.

While many resources for network and IT security are available, detailed knowledge regarding modern web application security has been lacking—until now. This practical guide provides both offensive and defensive security concepts that software engineers can easily learn and apply. Andrew Hoffman, a senior security engineer at Salesforce, introduces three pillars of web application security: recon, offense, and defense. You'll learn methods for effectively researching and analyzing modern web applications—including those you don't have direct access to. You'll also learn how to break into web applications using the latest hacking techniques. Finally, you'll learn how to develop mitigations for use in your own web applications to protect against hackers. Explore common vulnerabilities plaguing today's web applications Learn essential hacking techniques attackers use to exploit applications Map and document web applications for which you don't have direct access Develop and deploy customized exploits that can bypass common defenses Develop and deploy mitigations to protect your applications against hackers Integrate secure coding best practices into your development lifecycle Get practical tips to help you improve the overall security of your web applications

The latest tactics for thwarting digital attacks “Our new reality is zero-day, APT, and state-sponsored attacks. Today, more than ever, security professionals need to get into the hacker's mind, methods, and toolbox to successfully deter such relentless assaults. This edition brings readers abreast with the latest attack vectors and arms them for these continually evolving threats.”

--Brett Wahlin, CSO, Sony Network Entertainment “Stop taking punches--let's change the game; it's time for a paradigm shift in the way we secure our networks, and *Hacking Exposed 7* is the playbook for bringing pain to our adversaries.” --Shawn Henry, former Executive Assistant Director, FBI Bolster your system's security and defeat the tools and tactics of cyber-criminals with expert advice and defense strategies from the world-renowned *Hacking Exposed* team. Case studies expose the hacker's latest devious methods and illustrate field-tested remedies.

Find out how to block infrastructure hacks, minimize advanced persistent threats, neutralize malicious code, secure web and database applications, and fortify UNIX networks. *Hacking Exposed 7: Network Security Secrets & Solutions* contains all-new visual maps and a comprehensive “countermeasures cookbook.” Obstruct APTs and web-based meta-exploits Defend against UNIX-based root access and buffer overflow hacks Block SQL injection, spear phishing, and embedded-code attacks Detect and terminate rootkits, Trojans, bots, worms, and malware Lock down remote access using smartcards and hardware tokens Protect 802.11 WLANs with multilayered encryption and gateways Plug holes in VoIP, social networking, cloud, and Web 2.0

services Learn about the latest iPhone and Android attacks and how to protect yourself

The President's life is in danger! Jimmy Sniffles, with the help of a new invention, shrinks down to miniature size to sniff out the source of the problem.

Get hands-on experience in using Burp Suite to execute attacks and perform web assessments Key Features Explore the tools in Burp Suite to meet your web infrastructure security demands Configure Burp to fine-tune the suite of tools specific to the target Use Burp extensions to assist with different technologies commonly found in application stacks Book Description Burp Suite is a Java-based platform for testing the security of your web applications, and has been adopted widely by professional enterprise testers. The Burp Suite Cookbook contains recipes to tackle challenges in determining and exploring vulnerabilities in web applications. You will learn how to uncover security flaws with various test cases for complex environments. After you have configured Burp for your environment, you will use Burp tools such as Spider, Scanner, Intruder, Repeater, and Decoder, among others, to resolve specific problems faced by pentesters. You will also explore working with various modes of Burp and then perform operations on the web. Toward the end, you will cover recipes that target specific test scenarios and resolve them using best practices. By the end of the book, you will be up and running with deploying Burp for securing web applications. What you will learn Configure Burp Suite for your web applications Perform authentication, authorization, business logic, and data validation testing Explore session management and client-side testing Understand unrestricted file uploads and server-side request forgery Execute XML external entity attacks with Burp Perform remote code execution with Burp Who this book is for If you are a security professional, web pentester, or software developer who wants to adopt Burp Suite for applications security, this book is for you.

Provides advice for locating and patching vulnerable systems, designing a security strategy, using J2EE architecture to create secure applications, and creating applications that proactively defend themselves.

Master the art of conducting modern pen testing attacks and techniques on your web application before the hacker does! About This Book This book covers the latest technologies such as Advance XSS, XSRF, SQL Injection, Web API testing, XML attack vectors, OAuth 2.0 Security, and more involved in today's web applications Penetrate and secure your web application using various techniques Get this comprehensive reference guide that provides advanced tricks and tools of the trade for seasoned penetration testers Who This Book Is For This book is for security professionals and penetration testers who want to speed up their modern web application penetrating testing. It will also benefit those at an intermediate level and web developers who need to be aware of the latest application hacking techniques. What You Will Learn Get to know the new and less-publicized techniques such PHP Object Injection and XML-based vectors Work with different security tools to automate most of the redundant tasks See different kinds of newly-designed security headers and how they help to provide security Exploit and detect different kinds of XSS vulnerabilities Protect your web application using filtering mechanisms Understand old school and classic web hacking in depth using SQL Injection, XSS, and CSRF Grasp XML-related vulnerabilities and attack vectors such as XXE and DoS techniques Get to know how to test REST APIs to discover security issues in them In Detail Web penetration testing is a growing, fast-moving, and absolutely critical field in information security. This book executes modern web application attacks and utilises cutting-edge hacking techniques with an enhanced knowledge of web application security. We will cover web hacking techniques so you can explore the attack vectors during penetration tests. The book encompasses the latest technologies such as OAuth 2.0, Web API testing methodologies and XML vectors used by hackers. Some lesser discussed attack vectors such as RPO (relative path overwrite), DOM clobbering, PHP Object Injection and etc. has been covered in this book. We'll explain various old school techniques in depth such as XSS, CSRF, SQL Injection through the ever-dependable SQLMap and reconnaissance. Websites nowadays provide APIs to allow integration with third party applications, thereby exposing a lot of attack surface, we cover testing of these APIs using real-life examples. This pragmatic guide will be a great benefit and will help you prepare fully secure applications. Style and approach This master-level guide covers various techniques serially. It is power-packed with real-world examples that focus more on the practical aspects of implementing the techniques rather going into detailed theory.

This book constitutes the refereed proceedings of the 7th International Workshop on Information Security Applications, WISA 2006, held in Jeju Island, Korea in August 2006. Coverage in the 30 revised full papers includes public key crypto applications and virus protection, cyber indication and intrusion detection, biometrics and security trust management, secure software and systems, smart cards and secure hardware, and mobile security.

"Proven methodologies, technical rigor, and from-the-trenches experience to countering mobile security exploits--from the bestselling coauthor of the original Hacking Exposed. Hacking Exposed Mobile focuses on the security of applications running on mobile devices, specifically mobile phones. This book focuses on Android OS, as well as operating systems from Microsoft and Apple. As businesses rush their mobile products to market and conduct business transactions via mobile devices, vast new security risks, vulnerabilities, and exploits are of great concern. This book addresses all of these issues and provides proven solutions for securing mobile applications. No other book on hacking rivals the original, bulletproof pedagogy of this book's clear-cut Hack/Countermeasure approach. Proven strategies for preventing, detecting, and remediating common technology and architecture weaknesses and maintaining tight security controls permanently. Accessible style and format: attacks/countermeasures; risk ratings; case studies; self-assessment tips; check lists; and organizational strategies"--

The latest Windows security attack and defense strategies "Securing Windows begins with reading this book." --James Costello (CISSP) IT Security Specialist, Honeywell Meet the challenges of Windows security with the exclusive Hacking Exposed "attack-countermeasure" approach. Learn how real-world malicious hackers conduct reconnaissance of targets and then exploit common misconfigurations and software flaws on both clients and servers. See leading-edge exploitation techniques demonstrated, and learn how the latest countermeasures in Windows XP, Vista, and Server 2003/2008 can mitigate these attacks. Get practical advice based on the authors' and contributors' many years as security professionals hired to break into the world's largest IT infrastructures. Dramatically improve the security of Microsoft technology deployments of all sizes when you learn to: Establish business relevance and context for security by highlighting real-world risks Take a tour of the Windows security architecture from the hacker's perspective, exposing old and new vulnerabilities that can easily be avoided Understand how hackers use reconnaissance techniques such as footprinting, scanning, banner grabbing, DNS queries, and Google searches to locate vulnerable Windows systems Learn how information is extracted anonymously from Windows using simple NetBIOS, SMB, MSRPC, SNMP, and Active Directory enumeration techniques Prevent the latest remote network exploits such as password grinding via WMI and Terminal Server, passive Kerberos logon sniffing, rogue server/man-in-the-middle attacks, and cracking vulnerable services See up close how professional hackers reverse engineer and develop new Windows exploits Identify and eliminate rootkits, malware, and stealth software Fortify SQL Server against external and insider attacks Harden your clients and users against the latest e-mail phishing, spyware, adware, and Internet Explorer threats Deploy and configure the latest Windows security countermeasures, including BitLocker, Integrity Levels, User Account Control, the updated Windows Firewall, Group Policy, Vista Service Refactoring/Hardening, SafeSEH, GS, DEP, Patchguard, and Address Space Layout Randomization

Here is the first book to focus solely on Cisco network hacking, security auditing, and defense issues. Using the proven Hacking Exposed methodology, this book shows you how to locate and patch system vulnerabilities by looking at your Cisco network through the eyes of a hacker. The book covers device-specific and network-centered attacks and defenses and offers real-world case studies.

A guide to Web site security looks at the ways hackers target and attack vulnerable sites and provides information and case studies on countermeasures and security techniques.

Not Available

Seven Deadliest Web Application Attacks highlights the vagaries of web security by discussing the seven deadliest vulnerabilities exploited by attackers. This book pinpoints the most dangerous hacks and exploits specific to web applications, laying out the anatomy of these attacks including how to make your system more secure. You will discover the best ways to defend against these vicious hacks with step-by-step instruction and learn techniques to make your computer and network impenetrable. Each chapter presents examples of different attacks conducted against web sites. The methodology behind the attack is explored, showing its potential impact. The chapter then moves on to address possible countermeasures for different aspects of the attack. The book consists of seven chapters that cover the following: the most pervasive and easily exploited vulnerabilities in web sites and web browsers; Structured Query Language (SQL) injection attacks; mistakes of server administrators that expose the web site to attack; brute force attacks; and logic attacks. The ways in which malicious software malware has been growing as a threat on the Web are also considered. This book is intended for information security professionals of all levels, as well as web application developers and recreational hackers. Knowledge is power, find out about the most dominant attacks currently waging war on computers and networks globally Discover the best ways to defend against these vicious attacks; step-by-step instruction shows you how Institute countermeasures, don't be caught defenseless again, and learn techniques to make your computer and network impenetrable

From the authors of the bestselling Hack Proofing Your Network! OPEC, Amazon, Yahoo! and E-bay: If these large, well-established and security-conscious web sites have problems, how can anyone be safe? How can any programmer expect to develop web applications that are secure? Hack Proofing Your Web Applications is the only book specifically written for application developers and webmasters who write programs that are used on web sites. It covers Java applications, XML, ColdFusion, and other database applications. Most hacking books focus on catching the hackers once they've entered the site; this one shows programmers how to design tight code that will deter hackers from the word go. Comes with up-to-the-minute web based support and a CD-ROM containing source codes and sample testing programs Unique approach: Unlike most hacking books this one is written for the application developer to help them build less vulnerable programs

Security Smarts for the Self-Guided IT Professional "Get to know the hackers—or plan on getting hacked. Sullivan and Liu have created a savvy, essentials-based approach to web app security packed with immediately applicable tools for any information security practitioner sharpening his or her tools or just starting out." —Ryan McGeehan, Security Manager, Facebook, Inc. Secure web applications from today's most devious hackers. Web Application Security: A Beginner's Guide helps you stock your security toolkit, prevent common hacks, and defend quickly against malicious attacks. This practical resource includes chapters on authentication, authorization, and session management, along with browser, database, and file security--all supported by true stories from industry. You'll also get best practices for vulnerability detection and secure development, as well as a chapter that covers essential security fundamentals. This book's templates, checklists, and examples are designed to help you get started right away. Web Application Security: A Beginner's Guide features: Lingo--Common security terms defined so that you're in the know on the job IMHO--Frank and relevant opinions based on the authors' years of industry experience Budget Note--Tips for getting security technologies and processes into your organization's budget In Actual Practice--Exceptions to the rules of security explained in real-world contexts Your Plan--Customizable checklists you can use on the job now Into Action--Tips on how, why, and when to apply new skills and techniques at work

The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security, you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis Covers Android application building blocks and security as well as debugging and auditing Android apps Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack Android Hacker's Handbook is the first comprehensive resource for IT professionals charged with smartphone security.

We live in a wired society, with computers containing and passing around vital information on both personal and public matters. Keeping this data safe is of paramount concern to all. Yet, not a day seems able to pass without some new threat to our computers. Unfortunately, the march of technology has given us the benefits of computers and electronic tools, while also opening us to unforeseen dangers. Identity theft, electronic spying, and the like are now standard worries. In the effort to defend both personal privacy and crucial databases, computer security has become a key industry. A vast array of companies devoted to defending computers from hackers and viruses have cropped up. Research and academic institutions devote a considerable amount of time and effort to the study of information systems and computer security. Anyone with access to a computer needs to be aware of the developing trends and growth of computer security. To that end, this book presents a comprehensive and carefully selected bibliography of the literature most relevant to understanding computer security. Following the bibliography section, continued access is provided via author, title, and subject indexes. With such a format, this book serves as an important guide and reference tool in the defence of our computerised culture.

This book constitutes the refereed proceedings of the Second International Conference on Advanced Machine Learning Technologies and Applications, AMLTA 2014, held in Cairo, Egypt, in November 2014. The 49 full papers presented were carefully reviewed and selected from 101 initial submissions. The papers are organized in topical sections on machine learning in Arabic text recognition and assistive technology; recommendation systems for cloud services; machine learning in watermarking/authentication and virtual machines; features extraction and classification; rough/fuzzy sets and applications; fuzzy multi-criteria decision making; Web-based application and case-based reasoning construction; social networks and big data sets.

Proven security tactics for today's mobile apps, devices, and networks "A great overview of the new threats created by mobile devices. ...The authors have heaps of experience in the topics and bring that to every chapter." -- Slashdot Hacking Exposed Mobile continues in the great tradition of the Hacking Exposed series, arming business leaders and technology practitioners with an in-depth understanding of the latest attacks and countermeasures--so they can leverage the power of mobile platforms while ensuring that security risks are contained." -- Jamil Farshchi, Senior Business Leader of Strategic Planning and Initiatives, VISA Identify and evade key threats across the expanding mobile risk landscape. Hacking Exposed Mobile: Security Secrets & Solutions covers the wide range of attacks to your mobile deployment alongside ready-to-use countermeasures. Find out how attackers compromise networks and devices, attack mobile services, and subvert mobile apps. Learn how to encrypt mobile data, fortify mobile platforms, and eradicate malware. This cutting-edge guide reveals secure mobile development guidelines, how to leverage mobile OS features and MDM to isolate apps and data, and the techniques the pros use to secure mobile payment systems. Tour the mobile risk ecosystem with expert guides to both attack and defense Learn how cellular network attacks compromise devices over-the-air See the latest Android and iOS attacks in action, and learn how to stop them Delve into mobile malware at the code level to understand how to write resilient apps Defend against server-side mobile attacks, including SQL

and XML injection Discover mobile web attacks, including abuse of custom URI schemes and JavaScript bridges Develop stronger mobile authentication routines using OAuth and SAML Get comprehensive mobile app development security guidance covering everything from threat modeling to iOS- and Android-specific tips Get started quickly using our mobile pen testing and consumer security checklists The EC-Council | Press Ethical Hacking and Countermeasures Series is comprised of five books covering a broad base of topics in offensive network security, ethical hacking, and network defense and countermeasures. The content of this series is designed to immerse the reader into an interactive environment where they will be shown how to scan, test, hack and secure information systems. With the full series of books, the reader will gain in-depth knowledge and practical experience with essential security systems, and become prepared to succeed on the Certified Ethical Hacker, or C|EH, certification from EC-Council. This certification covers a plethora of offensive security topics ranging from how perimeter defenses work, to scanning and attacking simulated networks. A wide variety of tools, viruses, and malware is presented in this and the other four books, providing a complete understanding of the tactics and tools used by hackers. By gaining a thorough understanding of how hackers operate, an Ethical Hacker will be able to set up strong countermeasures and defensive systems to protect an organization's critical infrastructure and information. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Get in-depth coverage of Web application platforms and their vulnerabilities, presented the same popular format as the international bestseller, Hacking Exposed. Covering hacking scenarios across different programming languages and depicting various types of attacks and countermeasures, this book offers you up-to-date and highly valuable insight into Web application security. "Required reading for Web architects and operators." -- Erik Olson, Microsoft Program Manager, Security, ASP.NET "Just as the original Hacking Exposed revealed the techniques the bad guys were hiding behind, Hacking Exposed Web Applications will do the same for this critical technology. Its methodical approach and appropriate detail will enlighten, educate, and go a long way toward making the Web a safer place in which to do business." -- from the Foreword by Mark Curphey, Chair of the Open Web Application Security Project "This is a serious technical guide that is also great reading -- scary enough to motivate folks to take Web security seriously but approachable enough to be an effective learning tool. Required reading for Web architects and operators." -- Erik Olson, Program Manager, Security, ASP.NET "What better way to defend against hackers than to understand the tools and techniques that are used to penetrate your site? Hacking Exposed Web Applications offers a detailed look at common vulnerabilities within your applications and explains how to protect yourself from them." -- Mike Mullins, Ecommerce Security Engineer for a leading specialty apparel retailer "At last, your personal guide to preventing the next generation of security threats. This book explains in intricate detail how you can do everything right when it comes to network security and still be owned at the Web application layer." -- Chip Andrews, www.sqlsecurity.com "If you're involved in writing Web-based applications using ASP/ASP.NET, Java, JSP, PHP, or other languages, the Hacking Exposed series is something you DEFINITELY need to read. Before writing one line of code, this book will spark ideas about how to design and secure your Web applications. There are techniques potential hackers could use that I've never even thought of! Great resource!" -- Steve Schofield, Creator and Managing Editor, ASPFree.com

The latest Web app attacks and countermeasures from world-renowned practitioners Protect your Web applications from malicious attacks by mastering the weapons and thought processes of today's hacker. Written by recognized security practitioners and thought leaders, Hacking Exposed Web Applications, Third Edition is fully updated to cover new infiltration methods and countermeasures. Find out how to reinforce authentication and authorization, plug holes in Firefox and IE, reinforce against injection attacks, and secure Web 2.0 features. Integrating security into the Web development lifecycle (SDL) and into the broader enterprise information security program is also covered in this comprehensive resource. Get full details on the hacker's footprinting, scanning, and profiling tools, including SHODAN, Maltego, and OWASP DirBuster See new exploits of popular platforms like Sun Java System Web Server and Oracle WebLogic in operation Understand how attackers defeat commonly used Web authentication technologies See how real-world session attacks leak sensitive data and how to fortify your applications Learn the most devastating methods used in today's hacks, including SQL injection, XSS, XSRF, phishing, and XML injection techniques Find and fix vulnerabilities in ASP.NET, PHP, and J2EE execution environments Safety deploy XML, social networking, cloud computing, and Web 2.0 services Defend against RIA, Ajax, UGC, and browser-based, client-side exploits Implement scalable threat modeling, code review, application scanning, fuzzing, and security testing procedures HTML5 -- HTML injection & cross-site scripting (XSS) -- Cross-site request forgery (CSRF) -- SQL injection & data store manipulation -- Breaking authentication schemes -- Abusing design deficiencies -- Leveraging platform weaknesses -- Browser & privacy attacks.

Defending your web applications against hackers and attackers The top-selling book Web Application Hacker's Handbook showed how attackers and hackers identify and attack vulnerable live web applications. This new Web Application Defender's Cookbook is the perfect counterpoint to that book: it shows you how to defend. Authored by a highly credentialed defensive security expert, this new book details defensive security methods and can be used as courseware for training network security personnel, web server administrators, and security consultants. Each "recipe" shows you a way to detect and defend against malicious behavior and provides working code examples for the ModSecurity web application firewall module. Topics include identifying vulnerabilities, setting hacker traps, defending different access points, enforcing application flows, and much more. Provides practical tactics for detecting web attacks and malicious behavior and defending against them Written by a preeminent authority on web application firewall technology and web application defense tactics Offers a series of "recipes" that include working code examples for the open-source ModSecurity web application firewall module Find the tools, techniques, and expert information you need to detect and respond to web application attacks with Web Application Defender's Cookbook: Battling Hackers and Protecting Users.

The only way to stop a hacker is to think like one! Wireless technology is a new and rapidly growing field of concentration for network engineers and administrators. Innovative technology is now making the communication between computers a cordless affair. Wireless devices and networks are vulnerable to additional security risks because of their presence in the mobile environment. Hack Proofing Your Wireless Network is the only book written specifically for architects, engineers, and administrators responsible for securing their wireless networks. From making sense of the various acronyms (WAP, WEP, SSL, PKE, PKI, SSH, IPSEC) to the implementation of security policies, plans, and recovery protocols, this book will help users secure their wireless network before its security is compromised. The only way to stop a hacker is to think like one...this book details the multiple ways a hacker can attack a wireless network - and then provides users with the knowledge they need to prevent said attacks. Uses forensic-based analysis to give the reader an insight into the mind of a hacker With the growth of wireless networks architects, engineers and administrators will need this book Up to the minute Web based support at [www.solutions@syngress.com](mailto:www.solutions@syngress.com)

Secure Your Wireless Networks the Hacking Exposed Way Defend against the latest pervasive and devastating wireless attacks using the tactical security information contained in this comprehensive volume. Hacking Exposed Wireless reveals how hackers zero in on susceptible networks and peripherals, gain access, and execute debilitating attacks.

Find out how to plug security holes in Wi-Fi/802.11 and Bluetooth systems and devices. You'll also learn how to launch wireless exploits from Metasploit, employ bulletproof authentication and encryption, and sidestep insecure wireless hotspots. The book includes vital details on new, previously unpublished attacks alongside real-world countermeasures. Understand the concepts behind RF electronics, Wi-Fi/802.11, and Bluetooth Find out how hackers use NetStumbler, WiSPY, Kismet, KisMAC, and AiroPeek to target vulnerable wireless networks Defend against WEP key brute-force, aircrack, and traffic injection hacks Crack WEP at new speeds using Field Programmable Gate Arrays or your spare PS3 CPU cycles Prevent rogue AP and certificate authentication attacks Perform packet injection from Linux Launch DoS attacks using device driver-independent tools Exploit wireless device drivers using the Metasploit 3.0 Framework Identify and avoid malicious hotspots Deploy WPA/802.11i authentication and encryption using PEAP, FreeRADIUS, and WPA pre-shared keys

The tenth anniversary edition of the world's bestselling computer security book! The original Hacking Exposed authors rejoin forces on this new edition to offer completely up-to-date coverage of today's most devastating hacks and how to prevent them. Using their proven methodology, the authors reveal how to locate and patch system vulnerabilities. The book includes new coverage of ISO images, wireless and RFID attacks, Web 2.0 vulnerabilities, anonymous hacking tools, Ubuntu, Windows Server 2008, mobile devices, and more. Hacking Exposed 6 applies the authors' internationally renowned computer security methodologies, technical rigor, and "from-the-trenches" experience to make computer technology usage and deployments safer and more secure for businesses and consumers. "A cross between a spy novel and a tech manual." --Mark A. Kellner, Washington Times "The seminal book on white-hat hacking and countermeasures . . . Should be required reading for anyone with a server or a network to secure." --Bill Machrone, PC Magazine "A must-read for anyone in security . . . One of the best security books available." --Tony Bradley, CISSP, About.com

Analyzes attacks on computer networks, discusses security, auditing, and intrusion detection procedures, and covers hacking on the Internet, attacks against Windows, e-commerce hacking methodologies, and new discovery tools.

As the global leader in information security education and certification, (ISC)2 has a proven track record of educating and certifying information security professionals. Its newest certification, the Certified Secure Software Lifecycle Professional (CSSLP) is a testament to the organization's ongoing commitment to information and software security

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

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