

Hacking Exposed 1st Edition

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Hacking Exposed - Joel Scambray 2002

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

Hacking Linux Exposed - Brian Hatch 2003

Offers detailed information on Linux-specific internal and external hacks, explaining how to tighten and maintain security on Linux networks.

Hacking Web Apps - Mike Shema 2012-08-29

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.

Hacking: The Next Generation - Nitesh Dhanjani 2009-08-29

With the advent of rich Internet applications, the explosion of social media, and the increased use of powerful cloud computing infrastructures, a new generation of attackers has added cunning new techniques to its arsenal. For anyone involved in defending an application or a network of systems, *Hacking: The Next Generation* is one of the few books to identify a variety of emerging attack vectors. You'll not only find valuable information on new hacks that attempt to exploit technical flaws, you'll also learn how attackers take advantage of individuals via social networking sites, and abuse vulnerabilities in wireless technologies and cloud infrastructures. Written by seasoned Internet security professionals, this book helps you understand the motives and psychology of hackers behind these attacks, enabling you to better prepare and defend against them. Learn how "inside out" techniques can poke holes into protected networks Understand the new wave of "blended threats" that take advantage of multiple application vulnerabilities to steal corporate data Recognize weaknesses in today's powerful cloud infrastructures and how they can be exploited Prevent attacks against the mobile workforce and their devices containing valuable data Be aware of attacks via social networking sites to obtain confidential information from executives and their assistants Get case studies that show how several layers of vulnerabilities can be used to compromise multinational corporations

[Phishing Exposed](#) - Lance James 2005-11-21

Phishing Exposed unveils the techniques phishers employ that enable them to successfully commit fraudulent acts against the global financial industry. Also highlights the motivation, psychology and legal aspects encircling this deceptive art of exploitation. The External Threat Assessment Team will outline innovative forensic techniques employed in order to unveil the identities of these organized individuals, and does not hesitate to remain candid about the legal complications that make prevention and apprehension so difficult today. This title provides an in-depth, high-tech view from both sides of the playing field, and is a real eye-opener for the average internet user, the advanced security engineer, on up through the senior executive management of a financial

institution. This is the book to provide the intelligence necessary to stay one step ahead of the enemy, and to successfully employ a pro-active and confident strategy against the evolving attacks against e-commerce and its customers. * Unveils the techniques phishers employ that enable them to successfully commit fraudulent acts * Offers an in-depth, high-tech view from both sides of the playing field to this current epidemic * Stay one step ahead of the enemy with all the latest information

Network Security Assessment - Chris McNab 2004

A practical handbook for network administrators who need to develop and implement security assessment programs, exploring a variety of offensive technologies, explaining how to design and deploy networks that are immune to offensive tools and scripts, and detailing an efficient testing model. Original. (Intermediate)

Extreme Exploits - Victor Opplleman 2005

A comprehensive handbook for computer security professionals explains how to identify and assess network vulnerabilities and furnishes a broad spectrum of advanced methodologies, solutions, and security tools to defend one's system against sophisticated hackers and provide a secure network infrastructure. Original. (Advanced)

Android Hacker's Handbook - Joshua J. Drake 2014-03-26

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.

Hacking Exposed Mobile - Neil Bergman 2013-08-05

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

Hacking Exposed 7 : Network Security Secrets & Solutions, Seventh Edition - Stuart McClure 2012-07-11

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

Hacking Exposed 5th Edition - Stuart McClure 2005-04-19

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.

Web Application Security, A Beginner's Guide - Bryan Sullivan
2011-12-06

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 Art of Intrusion](#) - Kevin D. Mitnick 2009-03-17

Hacker extraordinaire Kevin Mitnick delivers the explosive encore to his bestselling The Art of Deception Kevin Mitnick, the world's most celebrated hacker, now devotes his life to helping businesses and governments combat data thieves, cybervandals, and other malicious computer intruders. In his bestselling The Art of Deception, Mitnick presented fictionalized case studies that illustrated how savvy computer

crackers use "social engineering" to compromise even the most technically secure computer systems. Now, in his new book, Mitnick goes one step further, offering hair-raising stories of real-life computer break-ins-and showing how the victims could have prevented them. Mitnick's reputation within the hacker community gave him unique credibility with the perpetrators of these crimes, who freely shared their stories with him-and whose exploits Mitnick now reveals in detail for the first time, including: A group of friends who won nearly a million dollars in Las Vegas by reverse-engineering slot machines Two teenagers who were persuaded by terrorists to hack into the Lockheed Martin computer systems Two convicts who joined forces to become hackers inside a Texas prison A "Robin Hood" hacker who penetrated the computer systems of many prominent companies-and then told them how he gained access With riveting "you are there" descriptions of real computer break-ins, indispensable tips on countermeasures security professionals need to implement now, and Mitnick's own acerbic commentary on the crimes he describes, this book is sure to reach a wide audience-and attract the attention of both law enforcement agencies and the media.

Hacking- The art Of Exploitation - J. Erickson 2018-03-06

This text introduces the spirit and theory of hacking as well as the science behind it all; it also provides some core techniques and tricks of hacking so you can think like a hacker, write your own hacks or thwart potential system attacks.

The Car Hacker's Handbook - Craig Smith 2016-03-01

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll

learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, *The Car Hacker's Handbook* will show you how to: -Build an accurate threat model for your vehicle -Reverse engineer the CAN bus to fake engine signals -Exploit vulnerabilities in diagnostic and data-logging systems -Hack the ECU and other firmware and embedded systems -Feed exploits through infotainment and vehicle-to-vehicle communication systems -Override factory settings with performance-tuning techniques -Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make *The Car Hacker's Handbook* your first stop.

[Seven Deadliest Web Application Attacks](#) - Mike Shema 2010-02-20

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 *Cyber Security* - Brian Walker 2019-06-20

We live in a world where the kind of connections you have can make a big difference in your life. These connections are not just about personal and professional relationships, but also about networks. Computer networks must share connections to enable us access to useful information we need online. While these connections help us create a bustling life online, they have also become a cause for worry and concern, hence the need to understand cyber security. In this book, you will learn about the fundamental concepts of cyber security. These are facts that form the foundation of your knowledge in cyber security. The knowledge you gain from this book will help you understand the need to enhance your security online. From office devices to your personal devices at home, you must be keen on securing your networks all the time. We use real life examples to show you how bad a security breach can be. Companies have suffered millions of dollars in damages in the past. Some of these examples are so recent that they may still be fresh in your mind. They help you reexamine your interactions online and question whether you should provide the information that a given website requests. These simple decisions can prevent a lot of damage in the long run. In cyber security today, policy is of the utmost importance. You must understand the policies that guide your interaction with different individuals and entities, especially concerning data security and sharing. This book introduces you to the GDPR policies that were passed in the EU as a guideline for how different entities interact with and handle data they hold in their databases. More importantly, you will also learn how to protect yourself in the event of an attack. Some attacks are multilayered, such that the way you respond to it might create a bigger problem or prevent one. By the end of this book, it is our hope that you will be more vigilant and protective of your devices and networks and be more aware of your networking environment.

Hacking Exposed Computer Forensics - Chris Davis 2005

Learn the secrets and strategies for investigating computer crime Investigate computer crime, corporate malfeasance, and hacker break-ins quickly and effectively with help from this practical and comprehensive resource. You'll get expert information on crucial procedures to prosecute violators successfully while avoiding the pitfalls of illicit searches, privacy violations, and illegally obtained evidence. It's all here--from collecting actionable evidence, re-creating the criminal timeline, and zeroing in on a suspect to uncovering obscured and deleted code, unlocking encrypted files, and preparing lawful affidavits. Plus, you'll get in-depth coverage of the latest PDA and cell phone investigation techniques and real-world case studies. Digital sleuthing techniques that will withstand judicial scrutiny Inside, you'll learn to: Plan and prepare for all stages of an investigation using the proven Hacking Exposed methodology Work with and store evidence in a properly configured forensic lab Deploy an effective case management strategy to collect material, document findings, and archive results Covertly investigate, triage, and work with remote data across the network Recover partitions, INFO records, and deleted, wiped, and hidden files Acquire, authenticate, and analyze evidence from Windows, UNIX, and Macintosh systems using the latest hardware and software tools Use forensic tools to uncover obscured code, file mismatches, and invalid signatures Extract client and Web-based email artifacts using Email Examiner, EnCase, Forensic Toolkit, and open source tools Handle enterprise storage like RAIDs, SANs, NAS, and tape backup libraries Recover vital data from handheld devices such as PDAs and cell phones About the Authors: Chris Davis, CISSP, is a Computer Forensics Examiner for Texas Instruments. He has trained and presented at Black Hat, ISSA, CISA, ConSecWest, McCombs School of Business, PlanetPDA, and 3GSM World Congress. Aaron Philipp, CISSP, is the co-founder of Affect Consulting. He has taught classes at Black Hat, McCombs School of Business - UT Austin, and various military organizations. Dave Cowen, CISSP, Senior Consultant at Fios, has extensive experience in security research, application security testing, penetration testing, and computer

forensic analysis. He is an expert witness and a regular speaker on computer forensics.

Hacking Exposed VoIP: Voice Over IP Security Secrets & Solutions

- David Endler 2007

Sidestep VoIP Catastrophe the Foolproof Hacking Exposed Way "This book illuminates how remote users can probe, sniff, and modify your phones, phone switches, and networks that offer VoIP services. Most importantly, the authors offer solutions to mitigate the risk of deploying VoIP technologies." --Ron Gula, CTO of Tenable Network Security Block debilitating VoIP attacks by learning how to look at your network and devices through the eyes of the malicious intruder. Hacking Exposed VoIP shows you, step-by-step, how online criminals perform reconnaissance, gain access, steal data, and penetrate vulnerable systems. All hardware-specific and network-centered security issues are covered alongside detailed countermeasures, in-depth examples, and hands-on implementation techniques. Inside, you'll learn how to defend against the latest DoS, man-in-the-middle, call flooding, eavesdropping, VoIP fuzzing, signaling and audio manipulation, Voice SPAM/SPIT, and voice phishing attacks. Find out how hackers footprint, scan, enumerate, and pilfer VoIP networks and hardware Fortify Cisco, Avaya, and Asterisk systems Prevent DNS poisoning, DHCP exhaustion, and ARP table manipulation Thwart number harvesting, call pattern tracking, and conversation eavesdropping Measure and maintain VoIP network quality of service and VoIP conversation quality Stop DoS and packet flood-based attacks from disrupting SIP proxies and phones Counter REGISTER hijacking, INVITE flooding, and BYE call teardown attacks Avoid insertion/mixing of malicious audio Learn about voice SPAM/SPIT and how to prevent it Defend against voice phishing and identity theft scams

CEH Certified Ethical Hacker Study Guide - Kimberly Graves 2010-06-03 Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD

with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

Introduction to Network Security - Douglas Jacobson 2008-11-18

Unlike data communications of the past, today's networks consist of numerous devices that handle the data as it passes from the sender to the receiver. However, security concerns are frequently raised in circumstances where interconnected computers use a network not controlled by any one entity or organization. Introduction to Network Security exam

Hacking Exposed Windows 2000 - Joel Scambray 2001

*In the tradition of the wildly successful Hacking Exposed - the 2nd edition of which sold over 75,000 units in just four months.*Unique approach to topic--no other book contains both hacking techniques as well as concrete solutions on how to plug the security holes in a Windows 2000 network.*Authors have winning track record--written by the best-selling authors of Hacking Exposed who are key Windows 2000 security consultants at Microsoft*Includes case studies based on the authors' real experiences and also features the trademark Hacking series elements such as attacks, countermeasures, and risk ratings.

Hacking Exposed J2EE & Java - Brian Buege 2002

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.

Tracker Hacker - Jeff Adams 2021-06-01

High school student. Hockey player. Computer whiz kid. Covert agent?

At sixteen Theo Reese is the youngest agent for Tactical Operational Support. His way with computers makes him invaluable. He designs new gadgets, helps agents (including his parents) in the field, and works to keep the TOS network safe. But when a hacker breaches the system TOS uses to track agents, Theo is put to the test like never before. Thrust from behind the safety of his desk, Theo must go into the field to put a stop to the hack. He's scared but resolved because one of the missing agents is his father. And just to make it more interesting, he has to keep everything a secret from his boyfriend and teammates. Can Theo get the job done, save his dad, and make things good with his boyfriend? This edition also contains A Very Winger Christmas, a Codename: Winger Bonus Mission Christmas is a time for family and friends, but teenage secret agent Theo Reese must solve a mysterious hack before he can enjoy Reese family holiday traditions and deliver a gift to his boyfriend, Eddie. Can he avert an international incident and save Christmas before time runs out?

Hacking Exposed Industrial Control Systems: ICS and SCADA Security Secrets & Solutions - Clint Bodungen 2016-09-22

Learn to defend crucial ICS/SCADA infrastructure from devastating attacks the tried-and-true Hacking Exposed way This practical guide reveals the powerful weapons and devious methods cyber-terrorists use to compromise the devices, applications, and systems vital to oil and gas pipelines, electrical grids, and nuclear refineries. Written in the battle-tested Hacking Exposed style, the book arms you with the skills and tools necessary to defend against attacks that are debilitating—and potentially deadly. Hacking Exposed Industrial Control Systems: ICS and SCADA Security Secrets & Solutions explains vulnerabilities and attack vectors specific to ICS/SCADA protocols, applications, hardware, servers, and workstations. You will learn how hackers and malware, such as the infamous Stuxnet worm, can exploit them and disrupt critical processes, compromise safety, and bring production to a halt. The authors fully explain defense strategies and offer ready-to-deploy countermeasures. Each chapter features a real-world case study as well as notes, tips, and cautions. Features examples, code samples, and screenshots of

ICS/SCADA-specific attacks Offers step-by-step vulnerability assessment and penetration test instruction Written by a team of ICS/SCADA security experts and edited by Hacking Exposed veteran Joel Scambray *Hacking Exposed Web Applications, Third Edition* - Joel Scambray 2010-10-22

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

[Learning Kali Linux](#) - Ric Messier 2018-07-17

With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's

expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete [Network Security Tools](#) - Nitesh Dhanjani 2005-04-04

If you're an advanced security professional, then you know that the battle to protect online privacy continues to rage on. Security chat rooms, especially, are resounding with calls for vendors to take more responsibility to release products that are more secure. In fact, with all the information and code that is passed on a daily basis, it's a fight that may never end. Fortunately, there are a number of open source security tools that give you a leg up in the battle. Often a security tool does exactly what you want, right out of the box. More frequently, you need to customize the tool to fit the needs of your network structure. *Network Security Tools* shows experienced administrators how to modify, customize, and extend popular open source security tools such as Nikto, Ettercap, and Nessus. This concise, high-end guide discusses the common customizations and extensions for these tools, then shows you how to write even more specialized attack and penetration reviews that are suited to your unique network environment. It also explains how tools like port scanners, packet injectors, network sniffers, and web assessment tools function. Some of the topics covered include: Writing your own network sniffers and packet injection tools Writing plugins for

Nessus, Ettercap, and Nikto Developing exploits for Metasploit Code analysis for web applications Writing kernel modules for security applications, and understanding rootkits While many books on security are either tediously academic or overly sensational, Network Security Tools takes an even-handed and accessible approach that will let you quickly review the problem and implement new, practical solutions--without reinventing the wheel. In an age when security is critical, Network Security Tools is the resource you want at your side when locking down your network.

Hacking Exposed - Joel Scambray 2003

Provides coverage of the security features in Windows Server 2003. This book is useful for network professionals working with a Windows Server 2003 and/or Windows XP system.

Hacking Exposed Wireless, Third Edition - Joshua Wright 2015-03-16

Exploit and defend against the latest wireless network attacks Learn to exploit weaknesses in wireless network environments using the innovative techniques in this thoroughly updated guide. Inside, you'll find concise technical overviews, the latest attack methods, and ready-to-deploy countermeasures. Find out how to leverage wireless eavesdropping, break encryption systems, deliver remote exploits, and manipulate 802.11 clients, and learn how attackers impersonate cellular networks. Hacking Exposed Wireless, Third Edition features expert coverage of ever-expanding threats that affect leading-edge technologies, including Bluetooth Low Energy, Software Defined Radio (SDR), ZigBee, and Z-Wave. Assemble a wireless attack toolkit and master the hacker's weapons Effectively scan and enumerate WiFi networks and client devices Leverage advanced wireless attack tools, including Wifite, Scapy, Pyrit, Metasploit, KillerBee, and the Aircrack-ng suite Develop and launch client-side attacks using Ettercap and the WiFi Pineapple Hack cellular networks with Airprobe, Kraken, Pytacle, and YateBTS Exploit holes in WPA and WPA2 personal and enterprise security schemes Leverage rogue hotspots to deliver remote access software through fraudulent software updates Eavesdrop on Bluetooth Classic and Bluetooth Low Energy traffic Capture and evaluate

proprietary wireless technology with Software Defined Radio tools Explore vulnerabilities in ZigBee and Z-Wave-connected smart homes and offices Attack remote wireless networks using compromised Windows systems and built-in tools

Hacking Exposed Wireless - Johnny Cache 2007-04-10

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

Hacking Exposed Cisco Networks - Andrew Vladimirov 2006-01-06

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.

Web Hacking - Stuart McClure 2003

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.

The Web Application Hacker's Handbook - Dafydd Stuttard

2011-03-16

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.

Penetration Testing - Georgia Weidman 2014-06-14

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.

The Mac Hacker's Handbook - Charlie Miller 2011-03-21

As more and more vulnerabilities are found in the Mac OS X (Leopard) operating system, security researchers are realizing the importance of developing proof-of-concept exploits for those vulnerabilities. This unique tome is the first book to uncover the flaws in the Mac OS X operating system—and how to deal with them. Written by two white hat hackers, this book is aimed at making vital information known so that you can find ways to secure your Mac OS X systems, and examines the sorts of attacks that are prevented by Leopard's security defenses, what attacks aren't, and how to best handle those weaknesses.

The Basics of Hacking and Penetration Testing - Patrick Egebretonson
2013-06-24

The Basics of Hacking and Penetration Testing, Second Edition, serves as an introduction to the steps required to complete a penetration test or perform an ethical hack from beginning to end. The book teaches students how to properly utilize and interpret the results of the modern-day hacking tools required to complete a penetration test. It provides a simple and clean explanation of how to effectively utilize these tools, along with a four-step methodology for conducting a penetration test or hack, thus equipping students with the know-how required to jump start their careers and gain a better understanding of offensive security. Each

chapter contains hands-on examples and exercises that are designed to teach learners how to interpret results and utilize those results in later phases. Tool coverage includes: Backtrack Linux, Google reconnaissance, MetaGooFil, dig, Nmap, Nessus, Metasploit, Fast Track Autopwn, Netcat, and Hacker Defender rootkit. This is complemented by PowerPoint slides for use in class. This book is an ideal resource for security consultants, beginning InfoSec professionals, and students. Each chapter contains hands-on examples and exercises that are designed to teach you how to interpret the results and utilize those results in later phases. Written by an author who works in the field as a Penetration Tester and who teaches Offensive Security, Penetration Testing, and Ethical Hacking, and Exploitation classes at Dakota State University. Utilizes the Kali Linux distribution and focuses on the seminal tools required to complete a penetration test.

Hacking For Dummies - Kevin Beaver 2018-07-11

Stop hackers before they hack you! In order to outsmart a would-be hacker, you need to get into the hacker's mindset. And with this book, thinking like a bad guy has never been easier. In *Hacking For Dummies*, expert author Kevin Beaver shares his knowledge on penetration testing, vulnerability assessments, security best practices, and every aspect of ethical hacking that is essential in order to stop a hacker in their tracks. Whether you're worried about your laptop, smartphone, or desktop computer being compromised, this no-nonsense book helps you learn how to recognize the vulnerabilities in your systems so you can safeguard them more diligently—with confidence and ease. Get up to speed on Windows 10 hacks Learn about the latest mobile computing hacks Get free testing tools Find out about new system updates and improvements There's no such thing as being too safe—and this resourceful guide helps ensure you're protected.

Hacking - Jimnah Wood 2015-09-06

HackingFull Hacking Guide for Beginners With 30 Useful Tips. All You Need To Know About Basic Security This hacking guidebook is your travelling bag of tricks with step-by-step tutorials on different ethical hacking techniques. The book lends you a hacker's mindset, while equipping you with hacker "under system" tricks to help you thwart hack attacks. It exposes a number of easy-to-follow hacking secrets and other fundamental concepts all under one cover. It's a powerful source of information for those who are just starting off as ethical hackers or defensive coders. If you are looking for a definitive guide that's not just another computer manual, Hacking is what you need to get started. Use this definitive guide to understand the most common attacks you'll encounter in your line of work and how you can best code for such vulnerabilities when reviewing systems and websites. Learn the practice from the world's best hackers and system security experts who have accepted to share their expertise in a very special way. This guidebook is for all starters and tinkerers curious to explore the core of programming, computer networks, operating systems, and network security. Here is a sneak peek of what you'll find in this guide: Hacking & basic security Hacking & cracking passwords Hacking Wi-Fi networks Hacking Windows Hacking websites Penetration testing methodologies Trojans, viruses & worms Denial of Service attacks Network sniffers Over 30 useful safety tips Download your E book "Hacking: Full Hacking Guide for Beginners With 30 Useful Tips. All You Need To Know About Basic Security" by scrolling up and clicking "Buy Now with 1-Click" button! Tags: How to Hack, Hacking, Computer Hacking, Hacking for Beginners, Hacking Practical Guide, Cyber Security, Hacking system, Computer Hacking, Hacking for Beginners, Basic Security, Penetration Testing. **Hacking Exposed Web Applications** - Joel Scambray 2006