The Le Application Hackers Handbook

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Hacker Linux Uncovered - Michael Flenov 2005
Concentrating on Linux installation, tuning, and administration, this guide to protecting systems from security attacks demonstrates how to install Linux so that it is tuned for the highest security and best performance, how to scan the network and encrypt the traffic for securing all private traffics in a public network, and how to monitor and log the system to detect potential security problems. Backup and recovery policies that provide a structure for secure operations are also considered, and information related to configuring an Apache server, e-mail service, and the Internet gateway using a proxy server, an FTP server, DSN server for mapping DNS names to IP addresses, and firewall for system protection is provided.

Honeypots for Windows - Roger A. Grimes 2006-11-22
* Talks about hardening a Windows host before deploying Honeypot * Covers how to create your own emulated services to fool hackers * Discusses physical setup of Honeypot and network necessary to draw hackers to Honeypot * Discusses how to use Snort to co-exist with Honeypot * Discusses how to use a Unix-style Honeypot to mimic a Windows host * Discusses how to fine-tune a Honeypot * Discusses OS fingerprinting, ARP tricks, packet sniffing, and exploit signatures

Ethical Hacking and Countermeasures: Web Applications and Data Servers - EC-Council 2009-09-24
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.

Bug Bounty Bootcamp - Vickie Li 2021-11-16
Bug Bounty Bootcamp teaches you how to hack web applications. You will learn how to perform reconnaissance on a target, how to identify vulnerabilities, and how to exploit them. You'll also learn how to navigate bug bounty programs set up by companies to reward security professionals for finding bugs in their web applications. Bug bounty programs are company-sponsored programs that invite researchers to search for vulnerabilities on their applications and reward them for their findings. This book is

designed to help beginners with little to no security experience learn web hacking, find bugs, and stay competitive in this booming and lucrative industry. You'll start by learning how to choose a program, write quality bug reports, and maintain professional relationships in the industry. Then you'll learn how to set up a web hacking lab and use a proxy to capture traffic. In Part 3 of the book, you'll explore the mechanisms of common web vulnerabilities, like XSS, SQL injection, and template injection, and receive detailed advice on how to find them and bypass common protections. You'll also learn how to chain multiple bugs to maximize the impact of your vulnerabilities. Finally, the book touches on advanced techniques rarely covered in introductory hacking books but that are crucial to understand to hack web applications. You'll learn how to hack mobile apps, review an application's source code for security issues, find vulnerabilities in APIs, and automate your hacking process. By the end of the book, you'll have learned the tools and techniques necessary to be a competent web hacker and find bugs on a bug bounty program.

CUCKOO'S EGG - Clifford Stoll 2012-05-23
Before the Internet became widely known as a global tool for terrorists, one perceptive U.S. citizen recognized its ominous potential. Armed with clear evidence of computer espionage, he began a highly personal quest to expose a hidden network of spies that threatened national security. But would the authorities back him up? Cliff Stoll's dramatic firsthand account is "a computer-age detective story, instantly fascinating [and] astonishingly gripping" (Smithsonian). Cliff Stoll was an astronomer turned systems manager at Lawrence Berkeley Lab when a 75-cent accounting error alerted him to the presence of an unauthorized user on his system. The hacker's code name was "Hunter"—a mysterious invader who managed to break into U.S. computer systems and steal sensitive military and security information. Stoll began a one-man hunt of his own: spying on the spy. It was a dangerous game of deception, broken codes, satellites, and missile bases—a one-man sting operation that finally gained the attention of the CIA . . . and ultimately trapped an international spy ring fueled by cash, cocaine, and the KGB.

The Web Application Hacker's Handbook: Finding And Exploiting Security Flaws, 2nd Ed - Dafydd Stuttard

Android Hacker's Handbook - Joshua J. Drake 2014-03-26
The first comprehensive guide to discovering and preventingattacks on the Android OS As the Android operating system continues to increase its shareof the smartphone market, smartphone hacking remains a growingthreat. Written by experts who rank among the world's foremostAndroid security researchers, this book presents vulnerabilitydiscovery, analysis, and exploitation tools for the good guys.Following a detailed explanation of how the Android OS works andits overall security architecture, the authors examine howvulnerabilities can be discovered and exploits developed forvarious system components, preparing you to defend againstthem. If you are a mobile device administrator, security researcher,Android app developer, or consultant responsible for evaluatingAndroid security, you will find this guide is essential to yourtoolbox. A crack team of leading Android security researchers explainAndroid security risks, security design and architecture, rooting,fuzz testing, and vulnerability analysis Covers Android application building blocks and security as wellas debugging and auditing Android apps Prepares mobile device administrators, security researchers,Android app developers, and security consultants to defend Androidsystems against attack Android Hacker's Handbook is the first comprehensiveresource for IT professionals charged with smartphonesecurity.

Cyber Crime: Concepts, Methodologies, Tools and Applications - Management Association, Information Resources 2011-11-30
Threatening the safety of individuals, computers, and entire networks, cyber crime attacks vary in severity and type. Studying this continually evolving discipline involves not only understanding different types of attacks, which range from identity theft to cyberwarfare, but also identifying methods for their prevention. Cyber Crime: Concepts, Methodologies, Tools and Applications is a three-volume reference that explores all aspects of computer-based crime and threats, offering solutions and best

practices from experts in software development, information security, and law. As cyber crime continues to change and new types of threats emerge, research focuses on developing a critical understanding of different types of attacks and how they can best be managed and eliminated.

Language Hacking French - Benny Lewis 2017-03-28

It's true that some people spend years studying French before they finally get around to speaking the language. But here's a better idea. Skip the years of study and jump right to the speaking part. Sound crazy? No, it's language hacking. Unlike most traditional language courses that try to teach you the rules of French, #LanguageHacking shows you how to learn and speak French through proven memory techniques, unconventional shortcuts and conversation strategies perfected by one of the world's greatest language learners, Benny Lewis, aka the Irish Polyglot. Using the language hacks -shortcuts that make learning simple - that Benny mastered while learning his 11 languages and his 'speak from the start' method, you will crack the language code and exponentially increase your language abilities so that you can get fluent faster. It's not magic. It's not a language gene. It's not something only "other people" can do. It's about being smart with how you learn, learning what's indispensable, skipping what's not, and using what you've learned to have real conversations in French from day one. The Method #LanguageHacking takes a modern approach to language learning, blending the power of online social collaboration with traditional methods. It focuses on the conversations that learners need to master right away, rather than presenting language in order of difficulty like most courses. This means that you can have conversations immediately, not after years of study. Each of the 10 units culminates with a speaking 'mission' that prepares you to use the language you've learned to talk about yourself. Through the language hacker online learner community, you can share your personalized speaking 'missions' with other learners - getting and giving feedback and extending your learning beyond the pages of the book . You don't need to go abroad to learn a language any more.

Firewalls and Internet Security - William R. Cheswick 1994

These authors are both well-known senior researchers at AT&T Bell Labs, and this book is based on their actual experiences maintaining, improving, and redesigning AT&T's Internet gateway. They show why the most popular technologies for keeping intruders out are insufficient, while providing a step-by-step guide to their solution--building firewall gateways.

Hacking Connected Cars - Alissa Knight 2020-02-21

A field manual on contextualizing cyber threats, vulnerabilities, and risks to connected cars through penetration testing and risk assessment Hacking Connected Cars deconstructs the tactics, techniques, and procedures (TTPs) used to hack into connected cars and autonomous vehicles to help you identify and mitigate vulnerabilities affecting cyber-physical vehicles. Written by a veteran of risk management and penetration testing of IoT devices and connected cars, this book provides a detailed account of how to perform penetration testing, threat modeling, and risk assessments of telematics control units and infotainment systems. This book demonstrates how vulnerabilities in wireless networking, Bluetooth, and GSM can be exploited to affect confidentiality, integrity, and availability of connected cars. Passenger vehicles have experienced a massive increase in connectivity over the past five years, and the trend will only continue to grow with the expansion of The Internet of Things and increasing consumer demand for always-on connectivity. Manufacturers and OEMs need the ability to push updates without requiring service visits, but this leaves the vehicle’s systems open to attack. This book examines the issues in depth, providing cutting-edge preventative tactics that security practitioners, researchers, and vendors can use to keep connected cars safe without sacrificing connectivity. Perform penetration testing of infotainment systems and telematics control units through a step-by-step methodical guide Analyze risk levels surrounding vulnerabilities and threats that impact confidentiality, integrity, and availability Conduct penetration testing using the same tactics, techniques, and procedures used by hackers From relatively small features such as

automatic parallel parking, to completely autonomous self-driving cars—all connected systems are vulnerable to attack. As connectivity becomes a way of life, the need for security expertise for in-vehicle systems is becoming increasingly urgent. Hacking Connected Cars provides practical, comprehensive guidance for keeping these vehicles secure.

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

“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 "The definitive compendium of intruder practices and tools." --Steve Steinke, Network Magazine "For almost any computer book, you can find a clone. But not this one... A one-of-a-kind study of the art of breaking in." --UNIX Review Here is the latest edition of international best-seller, Hacking Exposed. Using real-world case studies, renowned security experts Stuart McClure, Joel Scambray, and George Kurtz show IT professionals how to protect computers and networks against the most recent security vulnerabilities. You'll find detailed examples of the latest devious break-ins and will learn how to think like a hacker in order to thwart attacks. Coverage includes: Code hacking methods and countermeasures New exploits for Windows 2003 Server, UNIX/Linux, Cisco, Apache, and Web and wireless applications Latest DDoS techniques--zombies, Blaster, MyDoom All new class of vulnerabilities--HTTP Response Splitting and much more

Google Hacking for Penetration Testers - Johnny Long 2005

Annotation You Got that With Google? What many users don't realize is that the deceptively simple components that make Google so easy to use are the same features that generously unlock security flaws for the malicious hacker. Vulnerabilities in website security can be discovered through Google hacking, techniques applied to the search engine by computer criminals, identity thieves, and even terrorists to uncover secure information. This book beats Google hackers to the punch.

The Antivirus Hacker's Handbook - Joxean Koret 2015-08-27

Hack your antivirus software to stamp out future vulnerabilities The Antivirus Hacker's Handbook guides you through the process of reverse engineering antivirus software. You explore how to detect and exploit vulnerabilities that can be leveraged to improve future software design, protect your network, and anticipate attacks that may sneak through your antivirus' line of defense. You'll begin building your knowledge by diving into the reverse engineering process, which details how to start from a finished antivirus software program and work your way back through its development using the functions and other key elements of the software. Next, you leverage your new knowledge about software development to evade, attack, and exploit antivirus software—all of which can help you strengthen your network and protect your data. While not all viruses are damaging, understanding how to better protect your computer against them can help you maintain the integrity of your network. Discover how to reverse engineer your antivirus software Explore methods of antivirus software evasion Consider different ways to attack and exploit antivirus software Understand the current state of the antivirus software market, and get recommendations for users and vendors who are leveraging this software The Antivirus Hacker's Handbook is the essential reference for software reverse engineers, penetration testers, security researchers, exploit writers, antivirus vendors, and software engineers who want to understand how to leverage current antivirus software to improve future applications.

Profiling Hackers - Raoul Chiesa 2008-12-11

Complex and controversial, hackers possess a wily, fascinating talent, the machinations of which are shrouded in secrecy. Providing in-depth exploration into this largely uncharted territory, Profiling Hackers: The Science of Criminal Profiling as Applied to the World of Hacking offers insight into the hacking realm by telling attention-grabbing ta

Game Console Hacking - Joe Grand 2004

Illustrates how to configure and modify the actual game console to make it perform above and beyond what the original designers intended.

Hacking with Kali Linux - When you don't know sh#t - Lyron Foster 2023-03-02

Hacking with Kali Linux - When you don't know

sh#t is a comprehensive guide to ethical hacking using the Kali Linux operating system. The book provides a detailed introduction to the basics of hacking and covers the tools and techniques used in ethical hacking. The book is written for individuals who are interested in learning about ethical hacking and have little to no experience with Kali Linux. It is also suitable for individuals who have experience with other operating systems and are interested in learning about Kali Linux. The book is divided into eight chapters, with each chapter focusing on a specific aspect of ethical hacking. The first chapter provides an introduction to hacking, its types, ethics, and legal implications, as well as an overview of Kali Linux tools for ethical hacking. The second chapter covers the downloading and installation of Kali Linux, as well as setting up virtual environments for hacking and basic configuration of Kali Linux. Chapters three and four cover information gathering, scanning for open ports and services, vulnerability scanning and exploitation using Kali Linux tools. Chapter five focuses on password cracking and wireless network hacking, including techniques for wireless network penetration testing. Chapter six covers advanced hacking techniques, including exploiting web applications, social engineering, evading detection, and staying anonymous. Chapter seven delves into forensics and analysis, including techniques for forensic analysis, using Kali Linux tools for forensic analysis, recovering data from a compromised system, and analysis of logs and event data. Finally, chapter eight covers building a secure network using Kali Linux tools, monitoring and protecting a network from attacks, and techniques for securing web applications and databases. Throughout the book, readers are provided with examples and hypothetical scenarios to help them understand and apply the concepts covered. By the end of the book, readers will have gained a comprehensive understanding of ethical hacking using Kali Linux and will be able to apply their knowledge in real-world situations.

Practical IoT Hacking - Fotios Chantzis 2021-04-09

Written by all-star security experts, Practical IoT Hacking is a quick-start conceptual guide to testing and exploiting IoT systems and devices. Drawing from the real-life exploits of five highly regarded IoT security researchers, Practical IoT Hacking teaches you how to test IoT systems, devices, and protocols to mitigate risk. The book begins by walking you through common threats and a threat modeling framework. You'll develop a security testing methodology, discover the art of passive reconnaissance, and assess security on all layers of an IoT system. Next, you'll perform VLAN hopping, crack MQTT authentication, abuse UPnP, develop an mDNS poisoner, and craft WS-Discovery attacks. You'll tackle both hardware hacking and radio hacking, with in-depth coverage of attacks against embedded IoT devices and RFID systems. You'll also learn how to: Write a DICOM service scanner as an NSE module Hack a microcontroller through the UART and SWD interfaces Reverse engineer firmware and analyze mobile companion apps Develop an NFC fuzzer using Proxmark3 Hack a smart home by jamming wireless alarms, playing back IP camera feeds, and controlling a smart treadmill The tools and devices you'll use are affordable and readily available, so you can easily practice what you learn. Whether you're a security researcher, IT team member, or hacking hobbyist, you'll find Practical IoT Hacking indispensable in your efforts to hack all the things REQUIREMENTS: Basic knowledge of Linux command line, TCP/IP, and programming

Mac OS X Panther Hacks - Rael Dornfest 2004

Like the animal it's named for, Mac OS X Panther is beautiful, sleek, superbly efficient, dangerously alluring, and all muscle under the surface. Beneath its appealing interface, it's a hard-working machine. Those coming to Mac OS X from previous incarnations of the operating system recognize much of the friendly face of the Macintosh they're used to, but they're also plunged into a whole new world. Unix converts to Mac OS X find a familiar FreeBSD-like operating system at the core and many of the command-line applications that they're familiar with: it's like an open invitation to roll up their sleeves and hack.Mac OS X Panther Hacks brings together the perfect combination of tips, tricks, and tools to help serious Mac users--regardless of their background--get the most from their machines. This revised collection reflects the real-world know how of those well-

steeped in Unix history and expertise, sharing their no-nonsense, sometimes quick-and-dirty solutions to administering and taking full advantage of everything a Unix desktop has to offer: Web, Mail, and FTP serving, security services, SSH, Perl and shell scripting, compiling, configuring, scheduling, networking, and hacking. Add to that the experience of die-hard Macintosh users, customizing and modifying their hardware and software to meet their needs. The end result is cool stuff no power user should be without.The hacks in the book range from the quick and easy to the more complex. Each can be read easily in a few minutes, saving countless hours of searching for the right answer. Mac OS X Panther Hacks provides direct, hands-on solutions in topics such as: User Interface Accessories (iPod, USB devices, mobile phones, PDAs, etc.) Wired and wireless networking (Ethernet, WiFi, Bluetooth, etc.) Email (servers and clients) Web (servers and clients) Messaging (iChat and associated apps) Printing and Faxing (sharing printers, fax server, etc.) Multimedia If you want more than your average Mac user--you want to explore and experiment, unearth shortcuts, create useful tools, and come up with fun things to try on your own--this book will set you on the right track. Written for users who need to go beyond what's covered in conventional manuals--Mac OS X Panther Hacks will bring your Mac to its full potential.

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.

Hacking Exposed Web Applications, Second Edition - Joel Scambray 2006-06-05

Implement bulletproof e-business security the proven Hacking Exposed way Defend against the latest Web-based attacks by looking at your Web applications through the eyes of a malicious intruder. Fully revised and updated to cover the latest Web exploitation techniques, Hacking Exposed Web Applications, Second Edition shows you, step-by-step, how cyber-criminals target vulnerable sites, gain access, steal critical data, and execute devastating attacks. All of the cutting-edge threats and vulnerabilities are covered in full detail alongside real-world examples, case studies, and battle-tested countermeasures from the authors' experiences as gray hat security professionals. Find out how hackers use infrastructure and application profiling to perform reconnaissance and enter vulnerable systems Get details on exploits, evasion techniques, and countermeasures for the most popular Web platforms, including IIS, Apache, PHP, and ASP.NET Learn the strengths and weaknesses of common Web authentication mechanisms, including password-based, multifactor, and single sign-on mechanisms like Passport See how to excise the heart of any Web application's access controls through advanced session analysis, hijacking, and fixation techniques Find and fix input validation flaws, including cross-site scripting (XSS), SQL injection, HTTP response splitting, encoding, and special character abuse Get an in-depth presentation of the newest SQL injection techniques, including blind attacks, advanced

exploitation through subqueries, Oracle exploits, and improved countermeasures Learn about the latest XML Web Services hacks, Web management attacks, and DDoS attacks, including click fraud Tour Firefox and IE exploits, as well as the newest socially-driven client attacks like phishing and adware

The Hacker Ethic - Pekka Himanen 2009-03-12

You may be a hacker and not even know it. Being a hacker has nothing to do with cyberterrorism, and it doesn't even necessarily relate to the open-source movement. Being a hacker has more to do with your underlying assumptions about stress, time management, work, and play. It's about harmonizing the rhythms of your creative work with the rhythms of the rest of your life so that they amplify each other. It is a fundamentally new work ethic that is revolutionizing the way business is being done around the world. Without hackers there would be no universal access to e-mail, no Internet, no World Wide Web, but the hacker ethic has spread far beyond the world of computers. It is a mind-set, a philosophy, based on the values of play, passion, sharing, and creativity, that has the potential to enhance every individual's and company's productivity and competitiveness. Now there is a greater need than ever for entrepreneurial versatility of the sort that has made hackers the most important innovators of our day. Pekka Himanen shows how we all can make use of this ongoing transformation in the way we approach our working lives.

Web Application Security - Andrew Hoffman 2020-03-02

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

Real-World Bug Hunting - Peter Yaworski 2019-07-09

Learn how people break websites and how you can, too. Real-World Bug Hunting is the premier field guide to finding software bugs. Whether you're a cyber-security beginner who wants to make the internet safer or a seasoned developer who wants to write secure code, ethical hacker Peter Yaworski will show you how it's done. You'll learn about the most common types of bugs like cross-site scripting, insecure direct object references, and server-side request forgery. Using real-life case studies of rewarded vulnerabilities from applications like Twitter, Facebook, Google, and Uber, you'll see how hackers manage to invoke race conditions while transferring money, use URL parameter to cause users to like unintended tweets, and more. Each chapter introduces a vulnerability type accompanied by a series of actual reported bug bounties. The book's collection of tales from the field will teach you how attackers trick users into giving away their sensitive information and how sites may reveal their vulnerabilities to savvy users. You'll even learn how you could turn your challenging new hobby into a successful career. You'll learn: How the internet works and basic web hacking concepts How attackers compromise websites How to identify functionality commonly associated with vulnerabilities How to find bug bounty programs and submit effective vulnerability reports Real-World Bug Hunting is a fascinating soup-to-nuts primer on web security vulnerabilities, filled with stories from the trenches and practical wisdom. With your new understanding of site security and weaknesses, you can help make the web a safer place--and profit while you're at it.

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.
Hacking - Jon Erickson 2003
This book is for both technical and nontechnical people interested in computer security. Unlike many so-called hacking books, this explains technical aspects of hacking such as stack based overflows, heap based overflows, string exploits, return-into-libc, shellcode, and cryptographic attacks on 802.11b.
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.
Mapping Hacks - Schuyler Erle 2005-06-09
Provides information on how to create custom maps from tools available over the Internet.
The Art of Intrusion - Kevin D. Mitnick 2005
We are presented with the real stories behind the exploits of hackers, intruders and deceivers, from a man in the know - Kevin Mitnick, who was jailed for his hacking exploits. He is now working on multimedia projects to help governments and businesses defend against social engineering and cybercrime.
Alice and Bob Learn Application Security - Tanya Janca 2020-10-09
Learn application security from the very start, with this comprehensive and approachable guide! Alice and Bob Learn Application Security is an accessible and thorough resource for anyone seeking to incorporate, from the beginning of the System Development Life Cycle, best security practices in software development. This book covers all the basic subjects such as threat modeling and security testing, but also dives deep into more complex and advanced topics for securing modern software systems and architectures. Throughout, the book offers analogies, stories of the characters Alice and Bob, real-life examples, technical explanations and diagrams to ensure maximum clarity of the many abstract and complicated subjects. Topics include: Secure requirements, design, coding, and deployment Security Testing (all forms) Common Pitfalls Application Security Programs Securing Modern Applications Software Developer Security Hygiene Alice and Bob Learn Application Security is perfect for aspiring application security engineers and practicing software developers, as well as software project managers, penetration testers, and chief information security officers who seek to build or improve their application security programs. Alice and Bob Learn Application Security illustrates all the included concepts with easy-to-understand examples and concrete practical applications, furthering the reader’s ability to grasp and retain the foundational and advanced topics contained within.
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.

Blueprint for a Hack - Susane Havelka 2021-03-25
Over five days, some 60 residents of a northern village teamed with designers from southern Quebec to conceive and build an outdoor community pavilion that activates a central recreational area. “Blueprint for a Hack” aims to reimagine community spaces. Faced with extreme housing shortages, physical isolation, and a challenging climate, outdoor public spaces in northern communities remain largely undesigned and underused. These ‘in-between’ spaces are strewn with stuff. Most housing and civic buildings in the communities emerge from and stand like physical markers of Euro-Canadian values. The Royal Architectural Institute of Canada has begun a discourse on design in northern Canadian communities, but discussions continue to dwell on housing and civic buildings. A strong need exists to open conversations about design and the public realm in northern villages, which this project tries to address, creating a unique experience in which northern and southern groups could apply a “hacking mindset” to reimagine community spaces. With Contributions of: The foreword is by Mirko Zardini who was the Director and a member of the Board of Trustees of the Canadian Centre for Architecture (CCA) in Montreal, Quebec, Canada. He is an architect who teaches, curates exhibitions, and writes about contemporary architecture and urban issues.
Internet Security - Kenneth Einar Himma 2007
This collection of papers, articles, and monographs details the ethical landscape as it exists for the distinct areas of Internet and network security, including moral justification of hacker attacks, the ethics behind the freedom of information which contributes to hacking, and the role of the law in policing cyberspace.
Certified Ethical Hacker V11 - I. P. Specialist 2021-05-10
About the Author: Nouman Ahmed Khan AWS/Azure/GCP-Architect, CCDE, CCIEx5 (R&S, SP, Security, DC, Wireless), CISSP, CISA, CISM, CRISC, ISO27K-LA is a Solution Architect working with a global telecommunication provider. He works with enterprises, mega-projects, and service providers to help them select the best-fit technology solutions. He also works as a consultant to understand customer business processes and helps select an appropriate technology strategy to support business goals. He has more than fifteen years of experience working with global clients. About this Workbook: TO BEAT A HACKER, YOU NEED TO THINK LIKE A HACKER Learn the fundamentals and become one of the most in-demand cyber security professional in 2021: an Ethical Hacker! Your only, most comprehensive and all-in-one resource written by cyber security experts to pass the EC-Council's Certified Ethical Hacker (CEH) v11 exam on the first attempt with the best scores. Our most popular title just got fully updated based on the cutting-edge technological innovations and latest developments in cybersecurity field. What's New in this study guide: Emerging attack vectors. Enumeration deep dive. Malware reverse engineering. Emerging Cloud Computing technologies. Advanced penetration tests for web applications. Operational technology (OT). WPA3 This is a highly practical, intensive, yet comprehensive study guide that will teach you to become a REAL White Hat HACKER!!! The book is for anyone who would like to master the art of ethical hacking. Learn the best ethical hacking practices and techniques to prepare for CEH certification with real-world examples. Along with the most current CEH content, the book also contains strong study aides to support your exam preparation Complete CEH blueprint coverage 150+ Real practice questions 15+ Detailed Mind-maps for easy explanations & memorization 30+ Hands-on ethical hacking practice labs. Exam tips. Pass guarantee. Learn the best ethical hacking practices and techniques to prepare for CEHv11 certification with real-world examples, tools and techniques available in the market. Even after exam, this authoritative guide will serve as your go-to-reference during your professional career. With the help of this updated version of the book, you will learn about the most powerful and latest hacking techniques such as, Footprinting & Reconnaissance Scanning Networks Enumeration Vulnerability Analysis System Hacking Malware Threats Sniffing Social Engineering Denial-of-Service (DoS) Session Hijacking Evading IDS, Firewalls, and Honeypots Hacking Web Servers Hacking Web

Applications SQL Injection Hacking Wireless Networks Hacking Mobile Applications IoT Hacking Cloud Computing Cryptography

iOS Hacker's Handbook - Charlie Miller 2012-04-30

Discover all the security risks and exploits that can threateniOS-based mobile devices iOS is Apple's mobile operating system for the iPhone and iPad.With the introduction of iOS5, many security issues have come tolight. This book explains and discusses them all. The award-winningauthor team, experts in Mac and iOS security, examines thevulnerabilities and the internals of iOS to show how attacks can bemitigated. The book explains how the operating system works, itsoverall security architecture, and the security risks associatedwith it, as well as exploits, rootkits, and other payloadsdeveloped for it. Covers iOS security architecture, vulnerability hunting,exploit writing, and how iOS jailbreaks work Explores iOS enterprise and encryption, code signing and memoryprotection, sandboxing, iPhone fuzzing, exploitation, ROP payloads,and baseband attacks Also examines kernel debugging and exploitation Companion website includes source code and tools to facilitateyour efforts iOS Hacker's Handbook arms you with the tools needed toidentify, understand, and foil iOS attacks.

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

Texture in the Work of Ian Hacking - María Laura Martínez Rodríguez 2021-01-19

This book offers a systematized overview of Ian Hacking's work. It presents Hacking’s oeuvre as a network made up of four interconnected key nodes: styles of scientific thinking & doing, probability, making up people, and experimentation and scientific realism. Its central claim is that Michel Foucault’s influence is the underlying thread that runs across the Canadian philosopher’s oeuvre. Foucault’s imprint on Hacking’s work is usually mentioned in relation to styles of scientific reasoning and the human sciences. This research shows that Foucault’s influence can in fact be extended beyond these fields, insofar the underlying interest to the whole corpus of Hacking’s works, namely the analysis of conditions of possibility, is stimulated by the work of the French philosopher. Displacing scientific realism as the central focus of Ian Hacking’s oeuvre opens up a very different landscape, showing, behind the apparent dispersion of his works, the far-reaching interest that amalgamates them: to reveal the historical and situated conditions of possibility for the emergence of scientific objects and concepts. This book shows how Hacking’s deployment concepts such as looping effect, making up people, and interactive kinds, can complement Foucauldian analyses, offering an overarching perspective that can provide a better explanation of the objects of the human sciences and their behaviors.

WEB Hacking - B. Anass 2023-03-27

Question : est-ce que ça vous intéresse d’apprendre le hacking des applications web,

recevoir une formation vidéo gratuite et faire partie d'un groupe de hackers en investissant le minimum de temps et d'argent ? Alors lisez ce qui suit : Quand j'ai commencé avec tout ces trucs de hacking (il y a des années de cela.), entendre le mot «injection SQL» suffisait pour me dégoûter de tout ce qui en rapport avec le Web, ça me paraissait trop compliqué de comprendre ce type de vulnérabilité et leur exploitation, du coup, je ne faisais qu' éviter tout ce qui était en relation avec le pentesting Web. Peut-être, est ce votre cas aussi, vous n'êtes pas passionné par les failles qui touchent les applications web, ou peut-être que (comme moi) vous n'arrivez juste pas à bien comprendre comment ça fonctionne ! Mais laissez moi vous dire une chose : vous ne pouvez pas prétendre être hacker ou pentester en restant ignorant du Web app hacking, c'est juste impossible ! Ici, je vous propose de fixer le problème. L'erreur que j'ai faite et que font beaucoup de débutants, c'est qu'ils apprennent à utiliser des outils automatisés pour exploiter les failles les plus répandues sur la toile, peut-être que vous connaissez déjà sqlmap ou beef, mais en apprenant ces outils vous ne faites qu'à jouer le script kiddie ! Par contre, ce qu'il vous faut, c'est comprendre la logique des applications que vous êtes en train de tester, si vous voulez vraiment devenir hacker ... C'est votre seule voie. En comprenant le fonctionnement des applications Web, vous pourrez facilement comprendre la logique derrière la découverte et l'exploitation des failles qui les touchent. Quand j'ai suivi ce plan d'action, j'ai pu assimiler les différents concepts du hacking Web, participer à des programmes de chasse de faille et gagner des CTF (des compétitions de hacking). À la fin de la lecture de ce livre : Vous aurez appris à créer un environnement de hacking Web privé. Vous pourrez implémenter rapidement la meilleure méthodologie de pentesting Web. Vous pourrez prendre n'importe quelle application Web et la tester en quelques heures seulement. Vous aurez compris la logique du fonctionnement des applications Web et les failles qui les touches. Vous pourrez détecter les failles les plus dangereuses dans les applications Web. Vous saurez aussi utiliser des outils pour accélérer votre pentesting. Vous apprendrez comment contrôler des serveurs à distance et faire des exploitations avancées. Vous saurez manipuler les utilisateurs d'un réseau pour obtenir les informations que vous voulez. Ce qui fait que ce livre est différent des autres : Une formation vidéo gratuite qui accompagne le livre. Un accès à un groupe Facebook privé et faire partie d'une communauté de hackers engagés et motivés. 100% satisfait ou remboursé ! Si vous n'êtes pas satisfait du livre, vous pouvez le renvoyer dans les 7 jours et obtenir le remboursement intégral. Votre risque est nul. Vous pouvez conserver les bonus ! Que vous soyez développeur, un administrateur système, ou un passionné de hacking, ce livre vous donnera les compétences nécessaires pour vous différencier de votre entourage et vous mettre au-dessus de la concurrence. À vous de reprendre le contrôle.

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.

The Mobile Application Hacker's Handbook -

Dominic Chell 2015-06-11
See your app through a hacker's eyes to find the real sources of vulnerability The Mobile Application Hacker's Handbook is a comprehensive guide to securing all mobile applications by approaching the issue from a hacker's point of view. Heavily practical, this book provides expert guidance toward discovering and exploiting flaws in mobile applications on the iOS, Android, Blackberry, and Windows Phone platforms. You will learn a proven methodology for approaching mobile application assessments, and the techniques used to prevent, disrupt, and remediate the various types of attacks. Coverage includes data storage, cryptography, transport layers, data leakage, injection attacks, runtime manipulation, security controls, and cross-platform apps, with vulnerabilities highlighted and detailed information on the methods hackers use to get around standard security. Mobile applications are widely used in the consumer and enterprise markets to process and/or store sensitive data. There is currently little published on the topic of mobile security, but with over a million apps in the Apple App Store alone, the attack surface is significant. This book helps you secure mobile apps by demonstrating the ways in which hackers exploit weak points and flaws to gain access to data. Understand the ways data can be stored, and how cryptography is defeated Set up an environment for identifying insecurities and the data leakages that arise Develop extensions to bypass security controls and perform injection attacks Learn the different attacks that apply specifically to cross-platform apps IT security breaches have made big headlines, with millions of consumers vulnerable as major corporations come under attack. Learning the tricks of the hacker's trade allows security professionals to lock the app up tight. For better mobile security and less vulnerable data, The Mobile Application Hacker's Handbook is a practical, comprehensive guide.