

Penetration Testing A Hands On Introduction To Hacking

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IIS Bookservice - login failed for user sa (fixed) - Penetration Testing Book by Georgia Weidman

Top hacking books you MUST read! #hacking #bugbounty #pentest22penetration-testingClient-side attacks: Malware Attacks Penetration Testing A Hands On With its collection of hands-on lessons that cover key tools and strategies, Penetration Testing is the introduction that every aspiring hacker needs.

Amazon.com: Penetration Testing: A Hands-On Introduction ...

Zenk - Security - Repository

Zenk - Security - Repository

Just to give you an idea of what to expect, we'll be focusing very little on theory, and putting a high emphasis on practical hands-on application of offensive security skills. For example, we're going to be utilizing some of the industry standard penetration testing tools such as nmap, Metasploit, dirb, netcat, Burp suite, and a bunch of custom exploits.

Hands-on Penetration Testing Labs 4.0 | Udemey

Through detailed, hands-on exercises and with guidance from the instructor, you will learn the four-step process for web application penetration testing; inject SQL into back-end databases to learn how attackers exfiltrate sensitive data; and utilize cross-site scripting attacks to dominate a target infrastructure.

Web Application Penetration Testing Training | SANS SEC542

Written by world-renowned cybersecurity experts and educators, Hands-On Hacking teaches entry-level professionals seeking to learn ethical hacking techniques. If you are looking to understand penetration testing and ethical hacking, this book takes you from basic methods to advanced techniques in a structured learning format.

Hands on Hacking: Become an Expert at Next Gen Penetration ...

Comprehensive walkthroughs of penetration testing labs. ... Hands-on Penetration Testing Labs 1.0 Comprehensive walkthroughs of penetration testing labs Rating: 4.6 out of 5 4.6 (869 ratings) 8,084 students Created by Jesse Kurrus, M.S., OSCP, CEH, Security+, Linux+, Network+, CISSP.

Hands-on Penetration Testing Labs 1.0 | Udemey

SEC560 prepares you to conduct successful penetration testing and ethical hacking projects. You will learn how to perform detailed reconnaissance, exploit target systems to gain access and measure real business risk, and scan target networks using best-of-breed tools in hands-on labs and exercises.

Network Penetration Testing & Ethical Hacking Course | SEC560

Please refer to The Treasure Trove repo below and read the guidelines before accessing this database - AJProjectEureka/Hacking

Hacking/Penetration Testing A Hands-On Introduction to ...

In this video series I will be going over all the chapters in the book "Penetration Testing A Hands-On Introduction To hacking". You can download it on my Fa...

Penetration testing - Intro - YouTube

With its collection of hands-on lessons that cover key tools and strategies, Penetration Testing is the introduction that every aspiring hacker needs. Author Bio Georgia Weidman is a penetration tester and researcher, as well as the founder of Bulb Security, a security consulting firm.

Penetration Testing | No Starch Press

Hands-on Penetration Testing Labs 1.0 Udemey Free download. Comprehensive walkthroughs of penetration testing labs. This course is written by Udemey's very popular author Jesse Kurrus, M.S., OSCP, CEH, Security+, Linux+, Network+, CISSP. It was last updated on April 30, 2020. The language of this course is English but also have Subtitles (captions) in English (US) and Italian languages for better understanding.

[2020] Hands-on Penetration Testing Labs 1.0 Udemey Free ...

Hands-On Application Penetration Testing with Burp Suite. Test, fuzz, and break web applications and services using Burp Suite's powerful capabilities. By Carlos A. Lozano and 2 more Feb 2019 366 pages. Learn Wireshark. Grasp the basics of packet capture and analyze common protocols.

Hands-On Penetration Testing on Windows

Practical Hands On Offensive Penetration Testing - Beginner To Advance Ethical Hacking OSCP Prep A Complete Beginner to Advance Guide for Comprehensive Pratical Ethical Hacking OSCP Prep !!!! Early Bird Offer !!! 30 Day MONEY BACK GURANTEE

Homepage | PentestSkills Consulting

First of all, this course is extremely hands-on. This means we're not going to be doing much talking about the theory of penetration testing, we're going to be diving into hands on technical application right away. We'll be using VirtualBox as a software hypervisor to build a host-only lab environment.

Hands-on Penetration Testing Labs 2.0 - freeeducationweb

The perfect introduction to pen testing for all IT professionals and students - Clearly explains key concepts, terminology, challenges, tools, and skills - Covers the latest penetration testing standards from NSA, PCI, and NIST Welcome to today's most useful and practical introduction to penetration testing. Chuck Eastom brings together up-to-the-minute coverage of all the concepts ...

Penetration Testing Fundamentals: A Hands-On Guide to ...

With its collection of hands-on lessons that cover key tools and strategies, Penetration Testing is the introduction that every aspiring hacker needs. Customers Who Bought This Item Also Bought Steal This Computer Book 4.0: What They Won't Tell You About the Internet

Penetration Testing: A Hands-On Introduction to Hacking by ...

NOTE: This is independent from Hands-on Penetration Testing Labs 1.0 and 2.0. All three are standalone courses and can be taken in any order, or on their own. Hello students, and welcome to my Hands-on Penetration Testing Labs 3.0 course. If you're familiar with my previous courses, this is part three of the series.

Hands-on Penetration Testing Labs 3.0 - freeeducationweb

README.md Hands-On AWS Penetration Testing with Kali Linux This is the code repository for Hands-On AWS Penetration Testing with Kali Linux, published by Packt. Set up a virtual lab and pentest major AWS services, including EC2, S3, Lambda, and CloudFormation

GitHub - PacktPublishing/Hands-On-AWS-Penetration-Testing ...

Packt - Hands-On Web Penetration Testing With Metasploit 2020 RETaIL ePub eBook-LiBRiCiDe English | Size: 102.33 MB Category: Tutorial Metasploit has been a crucial security tool for many years. However, there are only a few modules that Metasploit has made available to the public for pentesting

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.

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.

Penetration testers simulate cyber attacks to find security weaknesses in networks, operating systems, and applications. This book introduces the core skills and techniques that are needed. Using a virtual machine-based lab that includes Kali Linux and vulnerable operating systems, it runs through a series of practical lessons with tools like Wireshark, Nmap, and Burp Suite. It shows the key stages of an actual assessment—including information gathering, finding exploitable vulnerabilities, gaining access to systems, post exploitation, and more. The reader will 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 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; explore mobile hacking with the author's tool, the Smartphone Pentest Framework. --

Master the art of identifying vulnerabilities within the Windows OS and develop the desired solutions for it using Kali Linux. Key Features Identify the vulnerabilities in your system using Kali Linux 2018.02 Discover the art of exploiting Windows kernel drivers Get to know several bypassing techniques to gain control of your Windows environment Book Description Windows has always been the go-to platform for users around the globe to perform administration and ad hoc tasks, in settings that range from small offices to global enterprises, and this massive footprint makes securing Windows a unique challenge. This book will enable you to distinguish yourself to your clients. In this book, you'll learn advanced techniques to attack Windows environments from the indispensable toolkit that is Kali Linux. We'll work through core network hacking concepts and advanced Windows exploitation techniques, such as stack and heap overflows, precision heap spraying, and kernel exploitation, using coding principles that allow you to leverage powerful Python scripts and shellcode. We'll wrap up with post-exploitation strategies that enable you to go deeper and keep your access. Finally, we'll introduce kernel hacking fundamentals and fuzzing testing, so you can discover vulnerabilities and write custom exploits. By the end of this book, you'll be well-versed in identifying vulnerabilities within the Windows OS and developing the desired solutions for them. What you will learn Get to know advanced pen testing techniques with Kali Linux Gain an understanding of Kali Linux tools and methods from behind the scenes See how to use Kali Linux at an advanced level Understand the exploitation of Windows kernel drivers Understand advanced Windows concepts and protections, and how to bypass them using Kali Linux Discover Windows exploitation techniques, such as stack and heap overflows and kernel exploitation, through coding principles Who this book is for This book is for penetration testers, ethical hackers, and individuals breaking into the pentesting role after demonstrating an advanced skill in boot camps. Prior experience with Windows exploitation, Kali Linux, and some Windows debugging tools is necessary

Identify tools and techniques to secure and perform a penetration test on an AWS infrastructure using Kali Linux Key Features Efficiently perform penetration testing techniques on your public cloud instances Learn not only to cover loopholes but also to automate security monitoring and alerting within your cloud-based deployment pipelines A step-by-step guide that will help you leverage the most widely used security platform to secure your AWS Cloud environment Book Description The cloud is taking over the IT industry. Any organization housing a large amount of data or a large infrastructure has started moving cloud-ward [and AWS rules the roost when it comes to cloud service providers, with its closest competitor having less than half of its market share. This highlights the importance of security on the cloud, especially on AWS. While a lot has been said (and written) about how cloud environments can be secured, performing external security assessments in the form of pentests on AWS is still seen as a dark art. This book aims to help pentesters as well as seasoned system administrators with a hands-on approach to pentesting the various cloud services provided by Amazon through AWS using Kali Linux. To make things easier for novice pentesters, the book focuses on building a practice lab and refining penetration testing with Kali Linux on the cloud. This is helpful not only for beginners but also for pentesters who want to set up a pentesting environment in their private cloud, using Kali Linux to perform a white-box assessment of their own cloud resources. Besides this, there is a lot of in-depth coverage of the large variety of AWS services that are often overlooked during a pentest [from serverless infrastructure to automated deployment pipelines. By the end of this book, you will be able to identify possible vulnerable areas efficiently and secure your AWS cloud environment. What you will learn Familiarize yourself with and pentest the most common external-facing AWS services Audit your own infrastructure and identify flaws, weaknesses, and loopholes Demonstrate the process of lateral and vertical movement through a partially compromised AWS account Maintain stealth and persistence within a compromised AWS account Master a hands-on approach to pentesting Discover a number of automated tools to ease the process of continuously assessing and improving the security stance of an AWS infrastructure Who this book is for If you are a security analyst or a penetration tester and are interested in exploiting Cloud environments to reveal vulnerable areas and secure them, then this book is for you. A basic understanding of penetration testing, cloud computing, and its security concepts is mandatory.

The perfect introduction to pen testing for all IT professionals and students - Clearly explains key concepts, terminology, challenges, tools, and skills - Covers the latest penetration testing standards from NSA, PCI, and NIST Welcome to today's most useful and practical introduction to penetration testing. Chuck Eastom brings together up-to-the-minute coverage of all the concepts, terminology, challenges, and skills you'll need to be effective. Drawing on decades of experience in cybersecurity and related IT fields, Eastom integrates theory and practice, covering the entire penetration testing life cycle from planning to reporting. You'll gain practical experience through a start-to-finish sample project relying on free open source tools. Throughout, quizzes, projects, and review sections deepen your understanding and help you apply what you've learned. Including essential pen testing standards from NSA, PCI, and NIST, Penetration Testing Fundamentals will help you protect your assets!and expand your career options. LEARN HOW TO - Understand what pen testing is and how it's used - Meet modern standards for comprehensive and effective testing - Review cryptography essentials every pen tester must know - Perform reconnaissance with Nmap, Google searches, and ShodanHq - Use malware as part of your pen testing toolkit - Test for vulnerabilities in Windows shares, scripts, WMI, and the Registry - Pen test websites and web communication - Recognize SQL injection and cross-site scripting attacks - Scan for vulnerabilities with OWASP ZAP, Vega, Nessus, and MBSA - Identify Linux vulnerabilities and password cracks - Use Kali Linux for advanced pen testing - Apply general hacking techniques such as fake Wi-Fi hotspots and social engineering - Systematically test your environment with Metasploit - Write or customize sophisticated Metasploit exploits

Learn how to build an end-to-end Web application security testing framework KEY FEATURES [Exciting coverage on vulnerabilities and security loopholes in modern web applications. [Practical exercises and case scenarios on performing pentesting and identifying security breaches. [Cutting-edge offerings on implementation of tools including nmap, burp suite and wireshark. DESCRIPTION Hands-on Penetration Testing for Web Applications offers readers with knowledge and skillset to identify, exploit and control the security vulnerabilities present in commercial web applications including online banking, mobile payments and e-commerce applications. We begin with exposure to modern application vulnerabilities present in web applications. You will learn and gradually practice the core concepts of penetration testing and OWASP Top Ten vulnerabilities including injection, broken authentication and access control, security misconfigurations and cross-site scripting (XSS). You will then gain advanced skillset by exploring the methodology of security testing and how to work around security testing as a true security professional. This book also brings cutting-edge coverage on exploiting and detecting vulnerabilities such as authentication flaws, session flaws, access control flaws, input validation flaws etc. You will discover an end-to-end implementation of tools such as nmap, burp suite, and wireshark. You will then learn to practice how to execute web application intrusion testing in automated testing tools and also to analyze vulnerabilities and threats present in the source codes. By the end of this book, you will gain in-depth knowledge of web application testing framework and strong proficiency in exploring and building high secured web applications. WHAT YOU WILL LEARN [Complete overview of concepts of web penetration testing. [Learn to secure against OWASP TOP 10 web vulnerabilities. [Practice different techniques and signatures for identifying vulnerabilities in the source code of the web application. [Discover security flaws in your web application using most popular tools like nmap and wireshark. [Learn to respond modern automated cyber attacks with the help of expert-led tips and tricks. [Exposure to analysis of vulnerability codes, security automation tools and common security flaws. WHO THIS BOOK IS FOR This book is for Penetration Testers, ethical hackers, and web application developers. People who are new to security testing will also find this book useful. Basic knowledge of HTML, JavaScript would be an added advantage. TABLE OF CONTENTS 1. Why Application Security? 2. Modern application Vulnerabilities 3. Web Pentesting Methodology 4. Testing Authentication 5. Testing Session Management 6. Testing Secure Channels 7. Testing Secure Access Control 8. Sensitive Data and Information disclosure 9. Testing Secure Data validation 10. Attacking Application Users: Other Techniques 11. Attacking Application Users: Other Techniques 12. Automating Custom Attacks 13. Pentesting Tools 14. Static Code Analysis 15. Mitigations and Core Defense Mechanisms

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, MetaGoofII, dig, Nmap, Nessus, Metasploit, Fast Track Autopwn, Netcat, and Hacker Defender toolkit. 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.

A fast, hands-on introduction to offensive hacking techniques Hands-On Hacking teaches readers to see through the eyes of their adversary and apply hacking techniques to better understand real-world risks to computer networks and data. Readers will benefit from the author's years of experience in the field hacking into computer networks and ultimately training others in the art of cyber-attacks. This book holds no punches and explains the tools, tactics and procedures used by ethical hackers and criminal crackers alike. We will take you on a journey through a hacker's perspective when focused on the computer infrastructure of a target company, exploring how to access the servers and data. Once the information gathering stage is complete, you'll look for flaws and their known exploits—including tools developed by real-world government financed state-actors. [An introduction to the same hacking techniques that malicious hackers will use against an organization [Written by infosec experts with proven history of publishing vulnerabilities and highlighting security flaws [Based on the tried and tested material used to train hackers all over the world in the art of breaching networks [Covers the fundamental basics of how computer networks are inherently vulnerable to attack, teaching the student how to apply hacking skills to uncover vulnerabilities We cover topics of breaching a company from the external network perimeter, hacking internal enterprise systems and web application vulnerabilities. Delving into the basics of exploitation with real-world practical examples, you won't find any hypothetical academic only attacks here. From start to finish this book will take the student through the steps necessary to breach an organization to improve its security. Written by world-renowned cybersecurity experts and educators, Hands-On Hacking teaches entry-level professionals seeking to learn ethical hacking techniques. If you are looking to understand penetration testing and ethical hacking, this book takes you from basic methods to advanced techniques in a structured learning format.

Convert Android to a powerful pentesting platform. Key Features Get up and running with Kali Linux NetHunter Connect your Android device and gain full control over Windows, OSX, or Linux devices Crack Wi-Fi passwords and gain access to devices connected over the same network collecting intellectual data Book Description Kali NetHunter is a version of the popular and powerful Kali Linux pentesting platform, designed to be installed on mobile devices. Hands-On Penetration Testing with Kali NetHunter will teach you the components of NetHunter and how to install the software. You'll also learn about the different tools included and how to optimize and use a package, obtain desired results, perform tests, and make your environment more secure. Starting with an introduction to Kali NetHunter, you will delve into different phases of the pentesting process. This book will show you how to build your penetration testing environment and set up your lab. You will gain insight into gathering intellectual data, exploiting vulnerable areas, and gaining control over target systems. As you progress through the book, you will explore the NetHunter tools available for exploiting wired and wireless devices. You will work through new ways to deploy existing tools designed to reduce the chances of detection. In the concluding chapters, you will discover tips and best practices for integrating security hardening into your Android ecosystem. By the end of this book, you will have learned to successfully use a mobile penetration testing device based on Kali NetHunter and Android to accomplish the same tasks you would traditionally, but in a smaller and more mobile form factor. What you will learn Choose and configure a hardware device to use Kali NetHunter Use various tools during pentests Understand NetHunter suite components Discover tips to effectively use a compact mobile platform Create your own Kali NetHunter-enabled device and configure it for optimal results Learn to scan and gather information from a target Explore hardware adapters for testing and auditing wireless networks and Bluetooth devices Who this book is for Hands-On Penetration Testing with Kali NetHunter is for pentesters, ethical hackers, and security professionals who want to learn to use Kali NetHunter for complete mobile penetration testing and are interested in venturing into the mobile domain. Some prior understanding of networking assessment and Kali Linux will be helpful.