



Backtrack 5 Tools Guide

Rachel S Tattersall



Backtrack 5 Tools Guide:

Ethical Hacking and Penetration Testing Guide Rafay Baloch, 2017-09-29 Requiring no prior hacking experience Ethical Hacking and Penetration Testing Guide supplies a complete introduction to the steps required to complete a penetration test or ethical hack from beginning to end You will learn how to properly utilize and interpret the results of modern day hacking tools which are required to complete a penetration test The book covers a wide range of tools including Backtrack Linux Google reconnaissance MetaGooFil dig Nmap Nessus Metasploit Fast Track Autopwn Netcat and Hacker Defender rootkit Supplying a simple and clean explanation of how to effectively utilize these tools it details a four step methodology for conducting an effective penetration test or hack Providing an accessible introduction to penetration testing and hacking the book supplies you with a fundamental understanding of offensive security After completing the book you will be prepared to take on in depth and advanced topics in hacking and penetration testing The book walks you through each of the steps and tools in a structured orderly manner allowing you to understand how the output from each tool can be fully utilized in the subsequent phases of the penetration test This process will allow you to clearly see how the various tools and phases relate to each other An ideal resource for those who want to learn about ethical hacking but don't know where to start this book will help take your hacking skills to the next level The topics described in this book comply with international standards and with what is being taught in international certifications

Kali Linux Cookbook Willie L. Pritchett, David De Smet, 2013-10-15 When you know what hackers know you're better able to protect your online information With this book you'll learn just what Kali Linux is capable of and get the chance to use a host of recipes Key Features Recipes designed to educate you extensively on the penetration testing principles and Kali Linux tools Learning to use Kali Linux tools such as Metasploit Wire Shark and many more through in depth and structured instructions Teaching you in an easy to follow style full of examples illustrations and tips that will suit experts and novices alike Book Description In this age where online information is at its most vulnerable knowing how to execute the same attacks that hackers use to break into your system or network helps you plug the loopholes before it's too late and can save you countless hours and money Kali Linux is a Linux distribution designed for penetration testing and security auditing It is the successor to BackTrack the world's most popular penetration testing distribution Discover a variety of popular tools of penetration testing such as information gathering vulnerability identification exploitation privilege escalation and covering your tracks Packed with practical recipes this useful guide begins by covering the installation of Kali Linux and setting up a virtual environment to perform your tests You will then learn how to eavesdrop and intercept traffic on wireless networks bypass intrusion detection systems and attack web applications as well as checking for open ports performing data forensics and much more The book follows the logical approach of a penetration test from start to finish with many screenshots and illustrations that help to explain each tool in detail The Kali Linux Cookbook will serve as an excellent source of information for the security professional and novice alike

What you will learn Install and setup Kali Linux on multiple platforms Customize Kali Linux to your individual needs Locate vulnerabilities with Nessus and OpenVAS Exploit vulnerabilities you've found with Metasploit Learn multiple solutions to escalate privileges on a compromised machine Understand how to use Kali Linux in all phases of a penetration test Crack WEP WPA WPA2 encryption Simulate an actual penetration test using Kali Linux Who this book is for This book is ideal for anyone who wants to get up to speed with Kali Linux It would also be an ideal book to use as a reference for seasoned penetration testers

Implementing Cisco IOS Network Security (IINS 640-554) Foundation Learning Guide Catherine Paquet, 2012-11-29 Implementing Cisco IOS Network Security IINS Foundation Learning Guide Second Edition Foundation learning for the CCNA Security IINS 640 554 exam Implementing Cisco IOS Network Security IINS Foundation Learning Guide Second Edition is a Cisco authorized self-paced learning tool for CCNA Security 640 554 foundation learning This book provides you with the knowledge needed to secure Cisco networks By reading this book you will gain a thorough understanding of how to develop a security infrastructure recognize threats and vulnerabilities to networks and mitigate security threats This book focuses on using Cisco IOS routers to protect the network by capitalizing on their advanced features as a perimeter router firewall intrusion prevention system and site to site VPN device The book also covers the use of Cisco Catalyst switches for basic network security the Cisco Secure Access Control System ACS and the Cisco Adaptive Security Appliance ASA You learn how to perform basic tasks to secure a small branch office network using Cisco IOS security features available through web-based GUIs Cisco Configuration Professional and the CLI on Cisco routers switches and ASAs Whether you are preparing for CCNA Security certification or simply want to gain a better understanding of Cisco IOS security fundamentals you will benefit from the information provided in this book Implementing Cisco IOS Network Security IINS Foundation Learning Guide Second Edition is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press To find out more about instructor-led training e-learning and hands-on instruction offered by authorized Cisco Learning Partners worldwide please visit www.cisco.com/go/authorizedtraining Develop a comprehensive network security policy to counter threats against information security Secure borderless networks Learn how to use Cisco IOS Network Foundation Protection NFP and Cisco Configuration Professional CCP Securely implement the management and reporting features of Cisco IOS devices Deploy Cisco Catalyst Switch security features Understand IPv6 security features Plan threat control strategies Filter traffic with access control lists Configure ASA and Cisco IOS zone-based firewalls Implement intrusion prevention systems IPS and network address translation NAT Secure connectivity with site-to-site IPsec VPNs and remote access VPNs This volume is in the Foundation Learning Guide Series offered by Cisco Press These guides are developed together with Cisco as the only authorized self-paced learning tools that help networking professionals build their understanding of networking concepts and prepare for Cisco certification exams Category Cisco Certification Covers CCNA Security IINS exam 640 554

Proceedings of the Future Technologies Conference (FTC) 2018 Kohei Arai,Rahul Bhatia,Supriya Kapoor,2018-10-19 The book presenting the proceedings of the 2018 Future Technologies Conference FTC 2018 is a remarkable collection of chapters covering a wide range of topics including but not limited to computing electronics artificial intelligence robotics security and communications and their real world applications The conference attracted a total of 503 submissions from pioneering researchers scientists industrial engineers and students from all over the world After a double blind peer review process 173 submissions including 6 poster papers have been selected to be included in these proceedings FTC 2018 successfully brought together technology geniuses in one venue to not only present breakthrough research in future technologies but to also promote practicality and applications and an intra and inter field exchange of ideas In the future computing technologies will play a very important role in the convergence of computing communication and all other computational sciences and applications And as a result it will also influence the future of science engineering industry business law politics culture and medicine Providing state of the art intelligent methods and techniques for solving real world problems as well as a vision of the future research this book is a valuable resource for all those interested in this area

Advanced Penetration Testing for Highly-Secured Environments Lee Allen,2012-01-01 An intensive hands on guide to perform professional penetration testing for highly secured environments from start to finish You will learn to provide penetration testing services to clients with mature security infrastructure Understand how to perform each stage of the penetration test by gaining hands on experience in performing attacks that mimic those seen in the wild In the end take the challenge and perform a virtual penetration test against a fictional corporation If you are looking for guidance and detailed instructions on how to perform a penetration test from start to finish are looking to build out your own penetration testing lab or are looking to improve on your existing penetration testing skills this book is for you Although the books attempts to accommodate those that are still new to the penetration testing field experienced testers should be able to gain knowledge and hands on experience as well The book does assume that you have some experience in web application testing and as such the chapter regarding this subject may require you to understand the basic concepts of web security The reader should also be familiar with basic IT concepts and commonly used protocols such as TCP IP *CEH: Certified Ethical Hacker Version 8 Study Guide* Sean-Philip Oriyano,2014-07-31 Prepare for the new Certified Ethical Hacker version 8 exam with this Sybex guide Security professionals remain in high demand The Certified Ethical Hacker is a one of a kind certification designed to give the candidate a look inside the mind of a hacker This study guide provides a concise easy to follow approach that covers all of the exam objectives and includes numerous examples and hands on exercises Coverage includes cryptography footprinting and reconnaissance scanning networks enumeration of services gaining access to a system Trojans viruses worms covert channels and much more A companion website includes additional study tools Including practice exam and chapter review questions and electronic flashcards Security remains the fastest growing segment of IT and CEH certification

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Coding for Penetration Testers Jason Andress,Ryan Linn,2011-09-23 This title provides an understanding of the scripting languages that are in common use when developing tools for penetration testing and guides the reader through specific examples for custom tool development and the situations in which such tools might be used

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