

Basic Security Testing With Kali Linux 2

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Mastering Kali Linux for Advanced Penetration Testing -

Robert W. Beggs 2014-06-24
This book provides an overview of the kill chain approach to penetration testing, and then focuses on using Kali Linux to provide examples of how this methodology is applied in the real world. After describing the

underlying concepts, step-by-step examples are provided that use selected tools to demonstrate the techniques.If you are an IT professional or a security consultant who wants to maximize the success of your network testing using some of the advanced features of Kali Linux, then this book is

for you. This book will teach you how to become an expert in the pre-engagement, management, and documentation of penetration testing by building on your understanding of Kali Linux and wireless concepts.

Hands-On AWS Penetration Testing with Kali Linux - Karl Gilbert 2019-04-30

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

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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.

Basic Security Testing with Kali Linux 2 - Daniel W.

Dieterle 2016-03-24

Basic Security Testing with Kali Linux 2 Kali Linux 2 (2016) is an Ethical Hacking platform that allows good guys to use the same tools and techniques that a hacker would use, so they can find security issues before the bad guys do. In Basic Security Testing with Kali Linux 2, you will learn basic examples of how hackers find out information about your company, find weaknesses in your security and how they gain access to your system. Completely updated for 2016, this step-by-step guide covers: Kali Linux Introduction and Overview Shodan (the "Hacker's Google") Metasploit Tutorials Exploiting Windows and Linux Systems Escalating Privileges in Windows Cracking Passwords and Obtaining Clear

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Text Passwords Wi-Fi Attacks
Kali on a Raspberry Pi
Securing your Network And
Much More! Though no
computer can be completely
"Hacker Proof" knowing how
an attacker works will help put
you on the right track of better
securing your network!

Cyber Security - Zach Codings
2021-02-07

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if my personal email account,
bank account, or other
accounts were compromised?
Your customers never stop to
use this book!

Hacking with Kali Linux -
conley walsh 2019-10-31

Kali Linux is one of the many
programs out there that helps
us in the constant fight--it
could even be called a war--
with malicious hackers. To fully
use all the advantages it offers,
we could spend years in
training and development, but
with a little research, anyone
can learn just the basics of
cyber security. The first step is
always smart clicking, updating
software, and staying educated
on security awareness. Once
you are fully aware of how

essential cyber-security is, you
can start making your personal
and company data less
accessible to one of the many
scams, viruses, and dangers in
the internet world.

Understanding VPNs, malware,
and firewalls can drastically
improve the chances of your
business surviving in the ever-
changing online world. Today,
cybersecurity causes trillions of
dollars in revenue loss, and
preventing malicious attacks
could mean the difference
between your company
becoming one of the sad
statistics or overcoming,
adapting, and rising stronger
after being hacked. This guide
will focus on the following:
Hacking Basics Getting Started
Obtaining Passwords The
Hacking Guide Mobile Hacking
Penetration Testing Basics
Spoofing Techniques Some of
The Basic Functions of Linux
Taking Command and Control
Learning the Essential Hacking
Command Line Follow-Up...
AND MORE!

Hacking with Kali Linux -
Zach Codings 2021-02-08

Hacking - Erickson Karnel

2021-01-04

4 Manuscripts in 1 Book! Have you always been interested and fascinated by the world of hacking? Do you wish to learn more about networking? Do you want to know how to protect your system from being compromised and learn about advanced security protocols? If you want to understand how to hack from basic level to advanced, keep reading... This book set includes: Book 1) **Hacking for Beginners: Step by Step Guide to Cracking codes discipline, penetration testing and computer virus.** Learning basic security tools on how to ethical hack and grow Book 2) **Hacker Basic Security: Learning effective methods of security and how to manage the cyber risks.** Awareness program with attack and defense strategy tools. Art of exploitation in hacking. Book 3) **Networking Hacking: Complete guide tools for computer wireless network technology, connections and communications system.** Practical penetration of a

network via services and hardware. Book 4) **Kali Linux for Hackers: Computer hacking guide.** Learning the secrets of wireless penetration testing, security tools and techniques for hacking with Kali Linux. Network attacks and exploitation. The first book "Hacking for Beginners" will teach you the basics of hacking as well as the different types of hacking and how hackers think. By reading it, you will not only discover why they are attacking your computers, but you will also be able to understand how they can scan your system and gain access to your computer. The second book "Hacker Basic Security" contains various simple and straightforward strategies to protect your devices both at work and at home and to improve your understanding of security online and fundamental concepts of cybersecurity. The third book "Networking Hacking" will teach you the basics of a computer network, countermeasures that you can use to prevent a social

engineering and physical attack and how to assess the physical vulnerabilities within your organization. The fourth book "Kali Linux for Hackers" will help you understand the better use of Kali Linux and it will teach you how you can protect yourself from most common hacking attacks. Kali-Linux is popular among security experts, it allows you to examine your own systems for vulnerabilities and to simulate attacks. Below we explain the most exciting parts of the book set. An introduction to hacking. Google hacking and Web hacking Fingerprinting Different types of attackers Defects in software The basics of a computer network How to select the suitable security assessment tools Social engineering. How to crack passwords. Network security Linux tools Exploitation of security holes The fundamentals and importance of cybersecurity Types of cybersecurity with threats and attacks How to prevent data security breaches Computer virus and prevention

techniques Cryptography And there's so much more to learn! Follow me, and let's dive into the world of hacking! Don't keep waiting to start your new journey as a hacker; get started now and order your copy today!

Web Penetration Testing with Kali Linux - Gilberto Najera-Gutierrez 2018-02-28 Build your defense against web attacks with Kali Linux, including command injection flaws, crypto implementation layers, and web application security holes Key Features Know how to set up your lab with Kali Linux Discover the core concepts of web penetration testing Get the tools and techniques you need with Kali Linux Book Description Web Penetration Testing with Kali Linux - Third Edition shows you how to set up a lab, helps you understand the nature and mechanics of attacking websites, and explains classical attacks in great depth. This edition is heavily updated for the latest Kali Linux changes and the most recent attacks. Kali Linux

shines when it comes to client-side attacks and fuzzing in particular. From the start of the book, you'll be given a thorough grounding in the concepts of hacking and penetration testing, and you'll see the tools used in Kali Linux that relate to web application hacking. You'll gain a deep understanding of classical SQL, command-injection flaws, and the many ways to exploit these flaws. Web penetration testing also needs a general overview of client-side attacks, which is rounded out by a long discussion of scripting and input validation flaws. There is also an important chapter on cryptographic implementation flaws, where we discuss the most recent problems with cryptographic layers in the networking stack. The importance of these attacks cannot be overstated, and defending against them is relevant to most internet users and, of course, penetration testers. At the end of the book, you'll use an automated technique called fuzzing to identify flaws in a web

application. Finally, you'll gain an understanding of web application vulnerabilities and the ways they can be exploited using the tools in Kali Linux. What you will learn Learn how to set up your lab with Kali Linux Understand the core concepts of web penetration testing Get to know the tools and techniques you need to use with Kali Linux Identify the difference between hacking a web application and network hacking Expose vulnerabilities present in web servers and their applications using server-side attacks Understand the different techniques used to identify the flavor of web applications See standard attacks such as exploiting cross-site request forgery and cross-site scripting flaws Get an overview of the art of client-side attacks Explore automated attacks such as fuzzing web applications Who this book is for Since this book sets out to cover a large number of tools and security fields, it can work as an introduction to practical security skills for beginners in security. In addition, web

programmers and also system administrators would benefit from this rigorous introduction to web penetration testing.

Basic system administration skills are necessary, and the ability to read code is a must.

[Kali Linux Wireless Penetration Testing Essentials](#) - Marco Alamanni 2015-07-30

Kali Linux is the most popular distribution dedicated to penetration testing that includes a set of free, open source tools. This book introduces you to wireless penetration testing and describes how to conduct its various phases. After showing you how to install Kali Linux on your laptop, you will verify the requirements of the wireless adapter and configure it. Next, the book covers the wireless LAN reconnaissance phase, explains the WEP and WPA/WPA2 security protocols and demonstrates practical attacks against them using the tools provided in Kali Linux, Aircrack-ng in particular. You will then discover the advanced and latest attacks targeting access points and wireless

clients and learn how to create a professionally written and effective report.

Kali Linux Hacking - Ethem Mining 2019-12-10

Do you want to become a proficient specialist in cybersecurity and you want to learn the fundamentals of ethical hacking? Do you want to have a detailed overview of all the basic tools provided by the best Linux distribution for ethical hacking? Have you scoured the internet looking for the perfect resource to help you get started with hacking, but became overwhelmed by the amount of disjointed information available on the topic of hacking and cybersecurity? If you answered yes to any of these questions, then this is the book for you. Hacking is becoming more complex and sophisticated, and companies are scrambling to protect their digital assets against threats by setting up cybersecurity systems. These systems need to be routinely checked to ensure that these systems do the jobs they're designed to do. The people who

can do these checks are penetration testers and ethical hackers, programmers who are trained to find and exploit vulnerabilities in networks and proffer ways to cover them up. Now more than ever, companies are looking for penetration testers and cybersecurity professionals who have practical, hands-on experience with Kali Linux and other open-source hacking tools. In this powerful book, you're going to learn how to master the industry-standard platform for hacking, penetration and security testing--Kali Linux. This book assumes you know nothing about Kali Linux and hacking and will start from scratch and build up your practical knowledge on how to use Kali Linux and other open-source tools to become a hacker as well as understand the processes behind a successful penetration test. Here's a preview of what you're going to learn in Kali Linux Hacking: A concise introduction to the concept of "hacking" and Kali Linux Everything you need to

know about the different types of hacking, from session hijacking and SQL injection to phishing and DOS attacks Why hackers aren't always bad guys as well as the 8 hacker types in today's cyberspace Why Kali Linux is the platform of choice for many amateur and professional hackers Step-by-step instructions to set up and install Kali Linux on your computer How to master the Linux terminal as well as fundamental Linux commands you absolutely need to know about A complete guide to using Nmap to understand, detect and exploit vulnerabilities How to effectively stay anonymous while carrying out hacking attacks or penetration testing How to use Bash and Python scripting to become a better hacker ...and tons more! Designed with complete beginners in mind, this book is packed with practical examples and real-world hacking techniques explained in plain, simple English. This book is for the new generation of 21st-century hackers and cyber

defenders and will help you level up your skills in cybersecurity and pen-testing. Whether you're just getting started with hacking or you're preparing for a career change into the field of cybersecurity, or are simply looking to buff up your resume and become more attractive to employers, Kali Linux Hacking is the book that you need! Would You Like To Know More? Click Buy Now With 1-Click or Buy Now to get started!

Kali Linux Web Penetration Testing Cookbook - Gilberto

Nájera-Gutiérrez 2016-02-29

Over 80 recipes on how to identify, exploit, and test web application security with Kali Linux 2 About This Book Familiarize yourself with the most common web vulnerabilities a web application faces, and understand how attackers take advantage of them Set up a penetration testing lab to conduct a preliminary assessment of attack surfaces and run exploits Learn how to prevent vulnerabilities in web applications before an attacker

can make the most of it Who This Book Is For This book is for IT professionals, web developers, security enthusiasts, and security professionals who want an accessible reference on how to find, exploit, and prevent security vulnerabilities in web applications. You should know the basics of operating a Linux environment and have some exposure to security technologies and tools. What You Will Learn Set up a penetration testing laboratory in a secure way Find out what information is useful to gather when performing penetration tests and where to look for it Use crawlers and spiders to investigate an entire website in minutes Discover security vulnerabilities in web applications in the web browser and using command-line tools Improve your testing efficiency with the use of automated vulnerability scanners Exploit vulnerabilities that require a complex setup, run custom-made exploits, and prepare for extraordinary scenarios Set up Man in the

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Middle attacks and use them to identify and exploit security flaws within the communication between users and the web server Create a malicious site that will find and exploit vulnerabilities in the user's web browser Repair the most common web vulnerabilities and understand how to prevent them becoming a threat to a site's security In Detail Web applications are a huge point of attack for malicious hackers and a critical area for security professionals and penetration testers to lock down and secure. Kali Linux is a Linux-based penetration testing platform and operating system that provides a huge array of testing tools, many of which can be used specifically to execute web penetration testing. This book will teach you, in the form step-by-step recipes, how to detect a wide array of vulnerabilities, exploit them to analyze their consequences, and ultimately buffer attackable surfaces so applications are more secure, for you and your users. Starting from the setup of a

testing laboratory, this book will give you the skills you need to cover every stage of a penetration test: from gathering information about the system and the application to identifying vulnerabilities through manual testing and the use of vulnerability scanners to both basic and advanced exploitation techniques that may lead to a full system compromise. Finally, we will put this into the context of OWASP and the top 10 web application vulnerabilities you are most likely to encounter, equipping you with the ability to combat them effectively. By the end of the book, you will have the required skills to identify, exploit, and prevent web application vulnerabilities. Style and approach Taking a recipe-based approach to web security, this book has been designed to cover each stage of a penetration test, with descriptions on how tools work and why certain programming or configuration practices can become security vulnerabilities that may put a whole system, or network, at risk. Each topic

is presented as a sequence of tasks and contains a proper explanation of why each task is performed and what it accomplishes.

Security Testing With Kali Nethunter - Daniel W. Dieterle
2017-01-16

Security Testing with Kali NetHunter Kali Linux NetHunter is an Ethical Hacking platform that allows you to run a mobile version of Kali Linux on a supported Android device. In Security Testing with Kali NetHunter, you will see the basic usage of NetHunter as we walk through the entire NetHunter tool menu, and learn by doing with hands on step-by-step tutorials. Topics Include: Kali NetHunter Introduction and Overview Shodan App (the "Hacker's Google") Using cSploit & DriveDroid Exploiting Windows and Linux Systems Human Interface Device Attacks Man-in-the-Middle Attacks Wi-Fi Attacks Metasploit Payload Generator Using NetHunter with a WiFi Pineapple Nano NetHunter not only brings the power of Kali Linux to a

portable device, it also brings an inherent level of stealth to Ethical Hackers and Pentesters by the very fact that smartphones are in use everywhere.

Kali Linux 2: Windows Penetration Testing - Wolf Halton 2016-06-28
Kali Linux: a complete pentesting toolkit facilitating smooth backtracking for working hackers About This Book Conduct network testing, surveillance, pen testing and forensics on MS Windows using Kali Linux Footprint, monitor, and audit your network and investigate any ongoing infestations Customize Kali Linux with this professional guide so it becomes your pen testing toolkit Who This Book Is For If you are a working ethical hacker who is looking to expand the offensive skillset with a thorough understanding of Kali Linux, then this is the book for you. Prior knowledge about Linux operating systems and the BASH terminal emulator along with Windows desktop and command line

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would be highly beneficial. What You Will Learn Set up Kali Linux for pen testing Map and enumerate your Windows network Exploit several common Windows network vulnerabilities Attack and defeat password schemes on Windows Debug and reverse-engineer Windows programs Recover lost files, investigate successful hacks and discover hidden data in innocent-looking files Catch and hold admin rights on the network, and maintain backdoors on the network after your initial testing is done In Detail Microsoft Windows is one of the two most common OS and managing its security has spawned the discipline of IT security. Kali Linux is the premier platform for testing and maintaining Windows security. Kali is built on the Debian distribution of Linux and shares the legendary stability of that OS. This lets you focus on using the network penetration, password cracking, forensics tools and not the OS. This book has the most advanced tools and

techniques to reproduce the methods used by sophisticated hackers to make you an expert in Kali Linux penetration testing. First, you are introduced to Kali's top ten tools and other useful reporting tools. Then, you will find your way around your target network and determine known vulnerabilities to be able to exploit a system remotely. Next, you will prove that the vulnerabilities you have found are real and exploitable. You will learn to use tools in seven categories of exploitation tools. Further, you perform web access exploits using tools like websploit and more. Security is only as strong as the weakest link in the chain. Passwords are often that weak link. Thus, you learn about password attacks that can be used in concert with other approaches to break into and own a network. Moreover, you come to terms with network sniffing, which helps you understand which users are using services you can exploit, and IP spoofing, which can be used to poison a

system's DNS cache. Once you gain access to a machine or network, maintaining access is important. Thus, you not only learn penetrating in the machine you also learn Windows privilege's escalations. With easy to follow step-by-step instructions and support images, you will be able to quickly pen test your system and network. Style and approach This book is a hands-on guide for Kali Linux pen testing. This book will provide all the practical knowledge needed to test your network's security using a proven hacker's methodology. The book uses easy-to-understand yet professional language for explaining concepts.

Security Testing with Raspberry Pi - Daniel W Dieterle 2019-06-25

Security Testing with Raspberry Pi Want to know how to run Kali Linux on a Raspberry Pi? Trying to learn Ethical Hacking on a budget? Want to learn how to make cheap drop boxes? Or how to use a Raspberry Pi as a HiD attack device or for Physical

Security? Look no further, this book is for you! Topics Include: -Using Kali Linux and Kali-Pi on an RPi-Using Ethical Hacking tools in Raspbian-Using Raspberry Pi as a target in a Pentest lab-Using RPi as a USB HiD attack device-Using cameras on a RPi to create physical security devices And much, much more!

Hands-On Penetration Testing with Kali NetHunter - Glen D. Singh 2019-02-28

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

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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.

Kali Linux 2 - Assuring Security by Penetration

Testing - Gerard Johansen
2016-09-22

Achieve the gold standard in penetration testing with Kali using this masterpiece, now in its third edition! About This Book Get a rock-solid insight into penetration testing techniques and test your corporate network against threats like never before Formulate your pentesting strategies by relying on the most up-to-date and feature-rich Kali version in town—Kali Linux 2 (aka Sana). Experience this journey with new cutting-edge wireless penetration tools and a variety of new features to make your pentesting experience smoother Who This Book Is For If you are an IT security professional or a student with basic knowledge of Unix/Linux operating systems, including an awareness of information security factors, and you want to use Kali Linux for penetration testing, this book is

for you. What You Will Learn Find out to download and install your own copy of Kali Linux Properly scope and conduct the initial stages of a penetration test Conduct reconnaissance and enumeration of target networks Exploit and gain a foothold on a target system or network Obtain and crack passwords Use the Kali Linux NetHunter install to conduct wireless penetration testing Create proper penetration testing reports In Detail Kali Linux is a comprehensive penetration testing platform with advanced tools to identify, detect, and exploit the vulnerabilities uncovered in the target network environment. With Kali Linux, you can apply appropriate testing methodology with defined business objectives and a scheduled test plan, resulting in a successful penetration testing project engagement. Kali Linux - Assuring Security by Penetration Testing is a fully focused, structured book providing guidance on developing practical

penetration testing skills by demonstrating cutting-edge hacker tools and techniques with a coherent, step-by-step approach. This book offers you all of the essential lab preparation and testing procedures that reflect real-world attack scenarios from a business perspective, in today's digital age. Style and approach This practical guide will showcase penetration testing through cutting-edge tools and techniques using a coherent, step-by-step approach.

Linux Basics for Hackers -

OccupyTheWeb 2018-12-04

This practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers would use them.

Topics include Linux command line basics, filesystems, networking, BASH basics, package management, logging, and the Linux kernel and drivers. If you're getting started along the exciting path of hacking, cybersecurity, and pentesting, *Linux Basics for Hackers* is an excellent first step. Using Kali Linux, an

advanced penetration testing distribution of Linux, you'll learn the basics of using the Linux operating system and acquire the tools and techniques you'll need to take control of a Linux environment. First, you'll learn how to install Kali on a virtual machine and get an introduction to basic Linux concepts. Next, you'll tackle broader Linux topics like manipulating text, controlling file and directory permissions, and managing user environment variables. You'll then focus in on foundational hacking concepts like security and anonymity and learn scripting skills with bash and Python. Practical tutorials and exercises throughout will reinforce and test your skills as you learn how to:

- Cover your tracks by changing your network information and manipulating the rsyslog logging utility
- Write a tool to scan for network connections, and connect and listen to wireless networks
- Keep your internet activity stealthy using Tor, proxy servers, VPNs, and encrypted email
- Write a bash

script to scan open ports for potential targets - Use and abuse services like MySQL, Apache web server, and OpenSSH - Build your own hacking tools, such as a remote video spy camera and a password cracker Hacking is complex, and there is no single way in. Why not start at the beginning with Linux Basics for Hackers?

Cyber Security - Karnel

Erickson 2020-12-02

2 Manuscripts in 1 Book! Have you always been interested and fascinated by the world of hacking? Do you wish to learn more about networking? Do you want to know how to protect your system from being compromised and learn about advanced security protocols? If you want to understand how to hack from basic level to advanced keep reading... This book set includes: Book 1) Kali Linux for Hackers: Computer hacking guide. Learning the secrets of wireless penetration testing, security tools and techniques for hacking with Kali Linux. Network attacks and exploitation. Book 2)

Hacker Basic Security: Learning effective methods of security and how to manage the cyber risks. Awareness program with attack and defense strategy tools. Art of exploitation in hacking. The first book "Kali Linux for Hackers" will help you understand the better use of Kali Linux and it will teach you how you can protect yourself from most common hacking attacks. Kali-Linux is popular among security experts, it allows you to examine your own systems for vulnerabilities and to simulate attacks. The second book "Hacker Basic Security" contains various simple and straightforward strategies to protect your devices both at work and at home and to improve your understanding of security online and fundamental concepts of cybersecurity. Below we explain the most exciting parts of the book set. Network security WLAN VPN WPA / WPA2 WEP Nmap and OpenVAS Attacks Linux tools Solving level problems Exploitation of security holes

The fundamentals of cybersecurity Breaches in cybersecurity Malware - Attacks, types, and analysis Computer virus and prevention techniques Cryptography And there's so much more to learn! Follow me, and let's dive into the world of hacking! Don't keep waiting to start your new journey as a hacker; get started now and order your copy today! Scroll up and click BUY NOW button!

Basic Security Testing with Kali Linux - Daniel W. Dieterle
2014-01-05

With computer hacking attacks making headline news on a frequent occasion, it is time for companies and individuals to take a more active stance in securing their computer systems. Kali Linux is an Ethical Hacking platform that allows good guys to use the same tools and techniques that a hacker would use so they can find issues with their security before the bad guys do. In "Basic Security Testing with Kali Linux", you will learn basic examples of how hackers find out information about your

company, locate weaknesses in your security and how they gain access to your system. This hands-on, step by step learning book covers topics like: Kali Linux Introduction and Overview Metasploit & Metasploitable 2 Tutorials Information Gathering A section on Shodan (the "Hacker's Google") Exploiting Windows and Linux Systems Escalating Privileges in Windows Wireless (WiFi) Attacks Social Engineering Attacks Password Attacks Kali on a Raspberry Pi Securing your Network Though no network can be completely "Hacker Proof", knowing how an attacker works will help put you on the right track of better securing your network. (Updated 12/2014 - All reported issues have been corrected including print issues, spelling issues & typos; also Veil install has been updated.)

Learning Kali Linux - Ric Messier 2018-07-17

With more than 600 security tools in its arsenal, the Kali Linux distribution can be

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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

Web Penetration Testing with Kali Linux - Joseph Muniz
2013-09-25

Web Penetration Testing with Kali Linux contains various penetration testing methods using BackTrack that will be used by the reader. It contains clear step-by-step instructions with lot of screenshots. It is written in an easy to understand language which will further simplify the understanding for the user."Web Penetration Testing with Kali Linux" is ideal for anyone who is interested in learning how to become a penetration tester. It will also help the users who are new to Kali Linux and want to learn the features and differences in Kali versus Backtrack, and

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seasoned penetration testers who may need a refresher or reference on new tools and techniques. Basic familiarity with web-based programming languages such as PHP, JavaScript and MySQL will also prove helpful.

The Pentester BluePrint - Phillip L. Wylie 2020-10-27
JUMPSTART YOUR NEW AND EXCITING CAREER AS A PENETRATION TESTER
The Pentester BluePrint: Your Guide to Being a Pentester offers readers a chance to delve deeply into the world of the ethical, or "white-hat" hacker. Accomplished pentester and author Phillip L. Wylie and cybersecurity researcher Kim Crawley walk you through the basic and advanced topics necessary to understand how to make a career out of finding vulnerabilities in systems, networks, and applications. You'll learn about the role of a penetration tester, what a pentest involves, and the prerequisite knowledge you'll need to start the educational journey of becoming a

pentester. Discover how to develop a plan by assessing your current skillset and finding a starting place to begin growing your knowledge and skills. Finally, find out how to become employed as a pentester by using social media, networking strategies, and community involvement. Perfect for IT workers and entry-level information security professionals, *The Pentester BluePrint* also belongs on the bookshelves of anyone seeking to transition to the exciting and in-demand field of penetration testing. Written in a highly approachable and accessible style, *The Pentester BluePrint* avoids unnecessarily technical lingo in favor of concrete advice and practical strategies to help you get your start in pentesting. This book will teach you: The foundations of pentesting, including basic IT skills like operating systems, networking, and security systems The development of hacking skills and a hacker mindset Where to find educational options, including college and university classes,

security training providers, volunteer work, and self-study Which certifications and degrees are most useful for gaining employment as a pentester How to get experience in the pentesting field, including labs, CTFs, and bug bounties

Kali Linux Revealed -

Raphaël Hertzog 2017-06-05

Whether you're a veteran or an absolute n00b, this is the best place to start with Kali Linux, the security professional's platform of choice, and a truly industrial-grade, and world-class operating system distribution-mature, secure, and enterprise-ready.

Hacking with Kali - James Broad 2013-12-05

Hacking with Kali introduces you the most current distribution of the de facto standard tool for Linux pen testing. Starting with use of the Kali live CD and progressing through installation on hard drives, thumb drives and SD cards, author James Broad walks you through creating a custom version of the Kali live distribution. You'll learn how to

configure networking components, storage devices and system services such as DHCP and web services. Once you're familiar with the basic components of the software, you'll learn how to use Kali through the phases of the penetration testing lifecycle; one major tool from each phase is explained. The book culminates with a chapter on reporting that will provide examples of documents used prior to, during and after the pen test. This guide will benefit information security professionals of all levels, hackers, systems administrators, network administrators, and beginning and intermediate professional pen testers, as well as students majoring in information security. Provides detailed explanations of the complete penetration testing lifecycle Complete linkage of the Kali information, resources and distribution downloads Hands-on exercises reinforce topics

Hacking with Kali Linux -

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!! Are you interested to learn the art of hacking? Your Customers Never Stop to Use this Complete Guide! This book explains Hacking using an operating system that is created for this sole purpose. As a hacker one needs to understand basic Linux commands along with bash and python scripting. This book has provided a lot of bash and python examples that will make you start with the hacking scripting. Do you will learn, also, to safeguard your systems, equipment, and network against hacking attacks. Keen readers will, by the end of this book, understand how their systems work, how to scan, and how to gain access to your computer. Find out what are the gems you can find in this book below. - Hacking process along with clear instructions. This is more like a starting tip for the beginner hackers. - Installation of virtual machine VM ware and Installation of kali Linux in detail. - Bash scripting with a lot of examples. We will explain

variables, conditionals, and looping in Bash scripting. - Python scripting with a lot of examples. We will explain variables, classes, objects in python scripting. - Network management and a lot of methods to spoof addresses. - Process management, along with examples. We give so many methodologies to kill a process and prioritizing processes. - Description of the Logging system and its uses. - Automating tasks. - About TOR bundle, Vpn and Proxy chains. - Web hacking using the Burp Suite. You will also find out how you can protect your computer from all the hacker's attacks! Even if you've never used Linux, you can learn it quickly. Buy it NOW and let your customers get addicted to this awesome book!

Intermediate Security Testing with Kali Linux 2 - Daniel W. Dieterle 2015-09-25
Kali Linux 2 is the most advanced and feature rich penetration testing platform available. This hands-on learn by doing book will help take you beyond the basic features

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of Kali into a more advanced understanding of the tools and techniques used in security testing. If you have a basic understanding of Kali and want to learn more, or if you want to learn more advanced techniques, then this book is for you. Kali Linux is an Ethical Hacking platform that allows good guys to use the same tools and techniques that a hacker would use so they can find and correct security issues before the bad guys detect them. As a follow up to the popular "Basic Security Testing with Kali Linux" book, this work picks up where the first left off. Topics Include What is new in Kali 2? New Metasploit Features and Commands Creating Shells with Msfvenom Post Modules & Railgun PowerShell for Post Exploitation Web Application Pentesting How to use Burp Suite Security Testing Android Devices Forensics Tools for Security Testing Security Testing an Internet of Things (IoT) Device And much more!

Kali Linux - Learn Computer Hacking in Deep 2020-04-17

Do You Want To Become An Ethical Hacker? Start With Getting And Mastering The Right Tools! What comes to your mind when you hear the word hacker? Many people imagine an evil genius whose job is stealing top secrets from companies and governments, getting hold of everyone's credit card details, and secretly interfering in politics. But did you know that this is just one side of hacking? So-called ethical hackers (or white hat hackers) actually protect computers, networks, and websites by looking for vulnerabilities and fixing them. Companies who hire ethical hackers can pay them tens of thousands of dollars to find and fix a security problem! Ethical hacking isn't just a well-paid job. After all, it's very satisfying to know that you're helping protect the data of thousands, if not millions of people. Also, ethical hacker just sounds like an awesome job title. If you're excited about becoming an ethical hacker... here are some good news! You don't have to get a special degree or any

formal qualification to start hacking. In this job, experience is what truly matters: once you've figured out how to start, you just have to practice and practice and practice and you'll ultimately become an accomplished cybersecurity expert! Well... but how do you start? Try these books. This unique book bundle focuses on the hacker's most important tools: Kali Linux (the ultimate operating system for hackers) and some of the more beginner-friendly tools for scanning networks and websites. You'll learn: The surprising reason why hackers use Linux though most computers run Windows How to install Kali Linux like a pro and avoid typical beginner mistakes The very best software tools for both beginners and pro hackers How to use search engines as hacking tools And much, much more Even if you don't have advanced tech skills right now, you can start hacking immediately. The beginner-friendly tools and step-by-step guides presented in the book

will make it very easy! Are you ready to take your first step? Scroll up, click on "Buy Now with 1-Click", and Get Your Copy Now!

Hands-On Penetration Testing on Windows - Phil Bramwell 2018-07-30

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

Kali Linux Penetration Testing Bible - Gus Khawaja
2021-04-26

Your ultimate guide to pentesting with Kali Linux Kali is a popular and powerful Linux distribution used by cybersecurity professionals around the world. Penetration testers must master Kali's varied library of tools to be effective at their work. The Kali Linux Penetration Testing Bible is the hands-on and

methodology guide for pentesting with Kali. You'll discover everything you need to know about the tools and techniques hackers use to gain access to systems like yours so you can erect reliable defenses for your virtual assets. Whether you're new to the field or an established pentester, you'll find what you need in this comprehensive guide. Build a modern dockerized environment Discover the fundamentals of the bash language in Linux Use a variety of effective techniques to find vulnerabilities (OSINT, Network Scan, and more) Analyze your findings and identify false positives and uncover advanced subjects, like buffer overflow, lateral movement, and privilege escalation Apply practical and efficient pentesting workflows Learn about Modern Web Application Security Secure SDLC Automate your penetration testing with Python

Learn Kali Linux 2019 - Glen D. Singh 2019-11-14

Explore the latest ethical hacking tools and techniques in

Kali Linux 2019 to perform penetration testing from scratch Key FeaturesGet up and running with Kali Linux 2019.2Gain comprehensive insights into security concepts such as social engineering, wireless network exploitation, and web application attacksLearn to use Linux commands in the way ethical hackers do to gain control of your environmentBook Description The current rise in hacking and security breaches makes it more important than ever to effectively pentest your environment, ensuring endpoint protection. This book will take you through the latest version of Kali Linux and help you use various tools and techniques to efficiently deal with crucial security aspects. Through real-world examples, you'll understand how to set up a lab and later explore core penetration testing concepts. Throughout the course of this book, you'll get up to speed with gathering sensitive information and even discover different vulnerability assessment tools bundled in

Kali Linux 2019. In later chapters, you'll gain insights into concepts such as social engineering, attacking wireless networks, exploitation of web applications and remote access connections to further build on your pentesting skills. You'll also focus on techniques such as bypassing controls, attacking the end user and maintaining persistence access through social media. Finally, this pentesting book covers best practices for performing complex penetration testing techniques in a highly secured environment. By the end of this book, you'll be able to use Kali Linux to detect vulnerabilities and secure your system by applying penetration testing techniques of varying complexity. What you will learn

Explore the fundamentals of ethical hacking
Learn how to install and configure Kali Linux
Get up to speed with performing wireless network pentesting
Gain insights into passive and active information gathering
Understand web application pentesting
Decode WEP, WPA, and WPA2

encryptions using a variety of methods, such as the fake authentication attack, the ARP request replay attack, and the dictionary attack

Who this book is for
If you are an IT security professional or a security consultant who wants to get started with penetration testing using Kali Linux 2019.2, then this book is for you. The book will also help if you're simply looking to learn more about ethical hacking and various security breaches. Although prior knowledge of Kali Linux is not necessary, some understanding of cybersecurity will be useful.

Kali Linux Wireless Penetration Testing: Beginner's Guide - Vivek Ramachandran
2015-03-30

If you are a security professional, pentester, or anyone interested in getting to grips with wireless penetration testing, this is the book for you. Some familiarity with Kali Linux and wireless concepts is beneficial.

Hacking - Alan T. Norman
2016-12-28

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\$8.95! Regularly priced: \$11.99 \$14.99. Get this Amazing #1 Amazon Top Release - Great Deal! This book will teach you how you can protect yourself from most common hacking attacks -- by knowing how hacking actually works! After all, in order to prevent your system from being compromised, you need to stay a step ahead of any criminal hacker. You can do that by learning how to hack and how to do a counter-hack. Within this book are techniques and tools that are used by both criminal and ethical hackers - all the things that you will find here will show you how information security can be compromised and how you can identify an attack in a system that you are trying to protect. At the same time, you will also learn how you can minimize any damage in your system or stop an ongoing attack. With *Hacking: Computer Hacking Beginners Guide...*, you'll learn everything you need to know to enter the secretive world of computer hacking. It provides a complete

overview of hacking, cracking, and their effect on the world. You'll learn about the prerequisites for hacking, the various types of hackers, and the many kinds of hacking attacks: Active Attacks Masquerade Attacks Replay Attacks Modification of Messages Spoofing Techniques WiFi Hacking Hacking Tools Your First Hack Passive Attacks Get Your Hacking: Computer Hacking Beginners Guide How to Hack Wireless Network, Basic Security, and Penetration Testing, Kali Linux, Your First Hack right away - This Amazing New Edition puts a wealth of knowledge at your disposal. You'll learn how to hack an email password, spoofing techniques, WiFi hacking, and tips for ethical hacking. You'll even learn how to make your first hack. Today For Only \$8.90. Scroll Up And Start Enjoying This Amazing Deal Instantly
Beginning Ethical Hacking with Kali Linux - Sanjib Sinha
2018-11-29
Get started in white-hat ethical hacking using Kali Linux. This

book starts off by giving you an overview of security trends, where you will learn the OSI security architecture. This will form the foundation for the rest of Beginning Ethical Hacking with Kali Linux. With the theory out of the way, you'll move on to an introduction to VirtualBox, networking, and common Linux commands, followed by the step-by-step procedure to build your own web server and acquire the skill to be anonymous . When you have finished the examples in the first part of your book, you will have all you need to carry out safe and ethical hacking experiments. After an introduction to Kali Linux, you will carry out your first penetration tests with Python and code raw binary packets for use in those tests. You will learn how to find secret directories on a target system, use a TCP client in Python, and scan ports using NMAP. Along the way you will discover effective ways to collect important information, track email, and use important tools such as DMITRY and Maltego,

as well as take a look at the five phases of penetration testing. The coverage of vulnerability analysis includes sniffing and spoofing, why ARP poisoning is a threat, how SniffJoke prevents poisoning, how to analyze protocols with Wireshark, and using sniffing packets with Scapy. The next part of the book shows you detecting SQL injection vulnerabilities, using sqlmap, and applying brute force or password attacks. Besides learning these tools, you will see how to use OpenVas, Nikto, Vega, and Burp Suite. The book will explain the information assurance model and the hacking framework Metasploit, taking you through important commands, exploit and payload basics. Moving on to hashes and passwords you will learn password testing and hacking techniques with John the Ripper and Rainbow. You will then dive into classic and modern encryption techniques where you will learn the conventional cryptosystem. In the final chapter you will acquire the skill of exploiting

remote Windows and Linux systems and you will learn how to own a target completely. What You Will Learn Master common Linux commands and networking techniques Build your own Kali web server and learn to be anonymous Carry out penetration testing using Python Detect sniffing attacks and SQL injection vulnerabilities Learn tools such as SniffJoke, Wireshark, Scapy, sqlmap, OpenVas, Nikto, and Burp Suite Use Metasploit with Kali Linux Exploit remote Windows and Linux systems Who This Book Is For Developers new to ethical hacking with a basic understanding of Linux programming.

Kali Linux - Assuring Security by Penetration Testing - Lee Allen 2014-04-07 Written as an interactive tutorial, this book covers the core of Kali Linux with real-world examples and step-by-step instructions to provide professional guidelines and recommendations for you. The book is designed in a simple and intuitive manner that

allows you to explore the whole Kali Linux testing process or study parts of it individually. If you are an IT security professional who has a basic knowledge of Unix/Linux operating systems, including an awareness of information security factors, and want to use Kali Linux for penetration testing, then this book is for you.

[The Basics of Hacking and Penetration Testing](#) - Patrick Engebretson 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

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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.

Web Penetration Testing with Kali Linux - Juned Ahmed Ansari 2015-11-26

Build your defense against web attacks with Kali Linux 2.0 About This Book Gain a deep understanding of the flaws in web applications and exploit them in a practical manner Get hands-on web application hacking experience with a range of tools in Kali Linux 2.0 Develop the practical skills required to master multiple tools in the Kali Linux 2.0 toolkit Who This Book Is For If you are already working as a network penetration tester and want to expand your knowledge of web application hacking, then this book tailored for you. Those who are interested in learning more about the Kali Sana tools that are used to test web applications will find this book a thoroughly useful and interesting guide. What You Will Learn Set up your lab with Kali Linux 2.0 Identify the

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difference between hacking a web application and network hacking Understand the different techniques used to identify the flavor of web applications Expose vulnerabilities present in web servers and their applications using server-side attacks Use SQL and cross-site scripting (XSS) attacks Check for XSS flaws using the burp suite proxy Find out about the mitigation techniques used to negate the effects of the Injection and Blind SQL attacks In Detail Kali Linux 2.0 is the new generation of the industry-leading BackTrack Linux penetration testing and security auditing Linux distribution. It contains several hundred tools aimed at various information security tasks such as penetration testing, forensics, and reverse engineering. At the beginning of the book, you will be introduced to the concepts of hacking and penetration testing and will get to know about the tools used in Kali Linux 2.0 that relate to web application hacking. Then, you

will gain a deep understanding of SQL and command injection flaws and ways to exploit the flaws. Moving on, you will get to know more about scripting and input validation flaws, AJAX, and the security issues related to AJAX. At the end of the book, you will use an automated technique called fuzzing to be able to identify flaws in a web application. Finally, you will understand the web application vulnerabilities and the ways in which they can be exploited using the tools in Kali Linux 2.0. Style and approach This step-by-step guide covers each topic with detailed practical examples. Every concept is explained with the help of illustrations using the tools available in Kali Linux 2.0.

[Kali Linux - An Ethical Hacker's Cookbook](#) - Himanshu Sharma
2017-10-17

Over 120 recipes to perform advanced penetration testing with Kali Linux About This Book Practical recipes to conduct effective penetration testing using the powerful Kali Linux Leverage tools like

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Metasploit, Wireshark, Nmap, and many more to detect vulnerabilities with ease. Confidently perform networking and application attacks using task-oriented recipes.

Who This Book Is For

This book is aimed at IT security professionals, pentesters, and security analysts who have basic knowledge of Kali Linux and want to conduct advanced penetration testing techniques.

What You Will Learn

Installing, setting up and customizing Kali for pentesting on multiple platforms

Pentesting routers and embedded devices

Bug hunting 2017

Pwning and escalating through corporate network

Buffer overflows 101

Auditing wireless networks

Fiddling around with software-defined radio

Hacking on the run with NetHunter

Writing good quality reports

In Detail

With the current rate of hacking, it is very important to pentest your environment in order to ensure advanced-level security. This book is packed with practical recipes that will quickly get you started with

Kali Linux (version 2016.2) according to your needs, and move on to core functionalities. This book will start with the installation and configuration of Kali Linux so that you can perform your tests. You will learn how to plan attack strategies and perform web application exploitation using tools such as Burp, and Jexboss. You will also learn how to perform network exploitation using Metasploit, Sparta, and Wireshark. Next, you will perform wireless and password attacks using tools such as Patator, John the Ripper, and airoscript-ng. Lastly, you will learn how to create an optimum quality pentest report! By the end of this book, you will know how to conduct advanced penetration testing thanks to the book's crisp and task-oriented recipes.

Style and approach

This is a recipe-based book that allows you to venture into some of the most cutting-edge practices and techniques to perform penetration testing with Kali Linux.

[Basic Security Testing with](#)

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Kali Linux, Third Edition - Daniel W. Dieterle 2018-08-22
Basic Security Testing with Kali Linux, Third Edition Kali Linux (2018) is an Ethical Hacking platform that allows security professionals to use the same tools and techniques that a hacker would use, so they can find security issues before the attackers do. In Basic Security Testing with Kali Linux, you will learn basic examples of how hackers find out information about your company, find weaknesses in your security, how they gain access to your systems, and most importantly, how to stop them. Completely updated for 2018, this hands on step-by-step guide covers: Kali Linux Overview & Usage Shodan (the "Hacker's Google") Metasploit Tutorials Exploiting Windows and Linux Systems Escalating Privileges in Windows Cracking Passwords and Obtaining Clear Text Passwords Wi-Fi Attacks Kali on a Raspberry Pi & Android Securing your Network And Much More! /ul> Though no computer can be completely "Hacker Proof"

knowing how an attacker works will help put you on the right track of better securing your network!

Ethical Hacking With Kali Linux - Hugo Hoffman
2020-04-12

The contents in this book will provide practical hands on implementation and demonstration guide on how you can use Kali Linux to deploy various attacks on both wired and wireless networks. If you are truly interested in becoming an Ethical Hacker or Penetration Tester, this book is for you. NOTE: If you attempt to use any of this tools on a wired or wireless network without being authorized and you disturb or damage any systems, that would be considered illegal black hat hacking. Therefore, I would like to encourage all readers to implement any tool described in this book for WHITE HAT USE ONLY! BUY THIS BOOK NOW AND GET STARTED TODAY! This book will cover: - How to Install Virtual Box & Kali Linux-Pen Testing @ Stage 1, Stage 2 and Stage 3-What

Penetration Testing Standards exist-How to scan for open ports, host and network devices-Burp Suite Proxy setup and Spidering hosts-How to deploy SQL Injection with SQLmap-How to implement Dictionary Attack with Airodump-ng-How to deploy ARP Poisoning with EtterCAP-How to capture Traffic with Port Mirroring & with Xplico-How to deploy Passive Reconnaissance-How to implement MITM Attack with Ettercap & SSLstrip-How to Manipulate Packets with Scapy-How to deploy Deauthentication Attack-How to capture IPv6 Packets with Parasite6-How to deploy Evil Twin Deauthentication Attack with mdk3-How to deploy DoS Attack with MKD3-How to implement Brute Force Attack with TCP Hydra-How to deploy Armitage Hail Mary-The Metasploit Framework-How to use SET aka Social-Engineering Toolkit and more.**BUY THIS BOOK NOW AND GET STARTED TODAY!**
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.