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	Autore	Enge, Harald A.
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2.	Record Nr.	UNINA9910466575003321
	Autore	Sabih Zaid
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Learn how to hack systems like black hat hackers and secure them like security experts

Key Features

- Understand how computer systems work and their vulnerabilities
- Exploit weaknesses and hack into machines to test their security
- Learn how to secure systems from hackers

Book Description

This book starts with the basics of ethical hacking, how to practice hacking safely and legally, and how to install and interact with Kali Linux and the Linux terminal. You will explore network hacking, where you will see how to test the security of wired and wireless networks. You'll also learn how to crack the password for any Wi-Fi network (whether it uses WEP, WPA, or WPA2) and spy on the connected devices. Moving on, you will discover how to gain access to remote computer systems using client-side and server-side attacks. You will also get the hang of post-exploitation techniques, including remotely controlling and interacting with the systems that you compromised. Towards the end of the book, you will be able to pick up web application hacking techniques. You'll see how to discover, exploit, and prevent a number of website vulnerabilities, such as XSS and SQL injections. The attacks covered are practical techniques that work against real systems and are purely for educational purposes. At the end of each section, you will learn how to detect, prevent, and secure systems from these attacks. What you will learn

Understand ethical hacking and the different fields and types of hackers

Set up a penetration testing lab to practice safe and legal hacking

Explore Linux basics, commands, and how to interact with the terminal

Access password-protected networks and spy on connected clients

Use server and client-side attacks to hack and control remote computers

Control a hacked system remotely and use it to hack other systems

Discover, exploit, and prevent a number of web application vulnerabilities such as XSS and SQL injections

Who this book is for

Learning Ethical Hacking from Scratch is for anyone interested in learning how to hack and test the security of systems like professional hackers and security experts.

Downloading the example code for this book

You can download the example code files for all Packt books you have purchased from your account at <http://www.PacktPub.com>. If you purchased this book elsewhere, you can visit <http://www.PacktPub.com/support> and register to have the files e-mailed directly to you.
