River Publishers

Web Application PenTesting

A Comprehensive Guide for Professionals

Editor: Yassine Maleh, Sultan Moulay Slimane University, Morocco

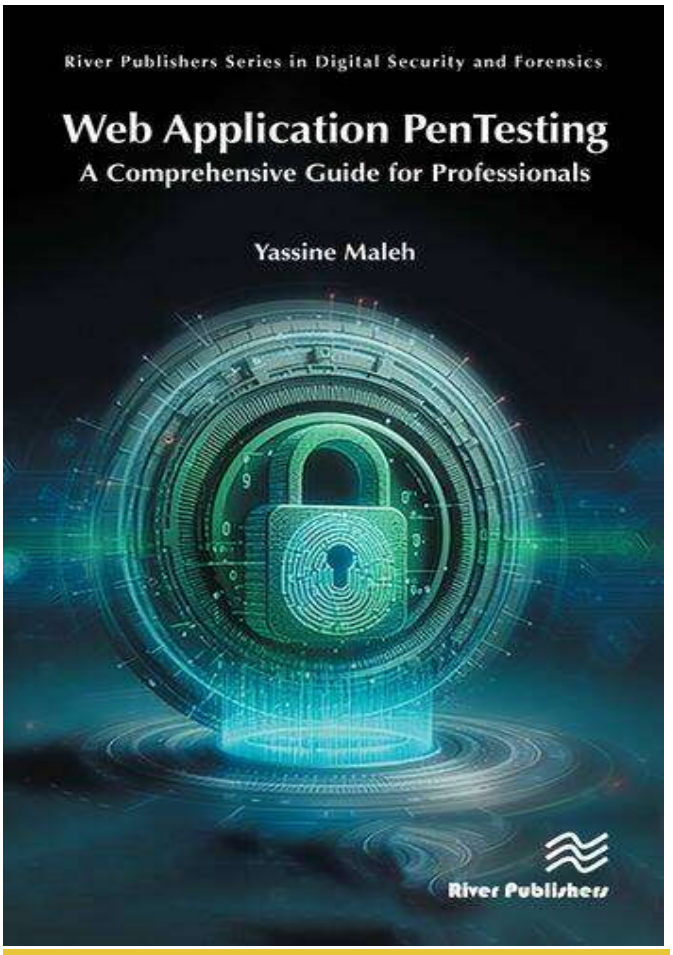
This is an essential resource for navigating the complex, high-stakes world of cybersecurity. It bridges the gap between foundational cybersecurity knowledge and its practical application in web application security. Designed for professionals who may lack formal training in cybersecurity or those seeking to update their skills, this book offers a crucial toolkit for defending against the rising tide of cyber threats.
As web applications become central to our digital lives, understanding and countering web-based threats is imperative for IT professionals across various sectors. This book provides a structured learning path from basic security principles to advanced penetration testing techniques, tailored for both new and experienced cybersecurity practitioners.

- Explore the architecture of web applications and the common vulnerabilities as identified by industry leaders like OWASP.
- Gain practical skills in information gathering, vulnerability assessment, and the exploitation of security gaps.
- Master advanced tools such as Burp Suite and learn the intricacies of various attack strategies through real-world case studies.
- Dive into the integration of security practices into development processes with a detailed look at DevSecOps and secure coding practices.

"Web Application PenTesting" is more than a technical manual—it is a guide designed to equip its readers with the analytical skills and knowledge to make informed security decisions, ensuring robust protection for digital assets in the face of evolving cyber threats. Whether you are an engineer, project manager, or technical leader, this book will empower you to fortify your web applications and contribute effectively to your organization's cybersecurity efforts.

TABLE OF CONTENTS

1. Preface
2. Chapter 1: Penetration Testing Methodologies
3. Chapter 2: Understanding Web Application Security
4. Chapter 3: Information Gathering and OSINT for Pentesting
5. Chapter 4: Web Vulnerability assessment
6. Chapter 5: Web Applications Pentesting Basics
7. Chapter 6: Web Penetration Testing with Burp Suite
8. Chapter 7: Mastering DevSecOps for Web Application Penetration Testing
9. Chapter 8: Insights into Penetration Testing Reports



River Publishers Series in Digital Security and Forensics

ISBN: 9788770046978
e-ISBN: 9788770046961
Available From: December 2024
Price: $ 130.00

KEYWORDS:
Cybersecurity; Penetration Testing; Web Applications; Vulnerability Assessment; Ethical Hacking; OWASP; Information Gathering; Advanced web attacks; Secure development practices, DevSecOps; Burp Suite

www.riverpublishers.com
marketing@riverpublishers.com