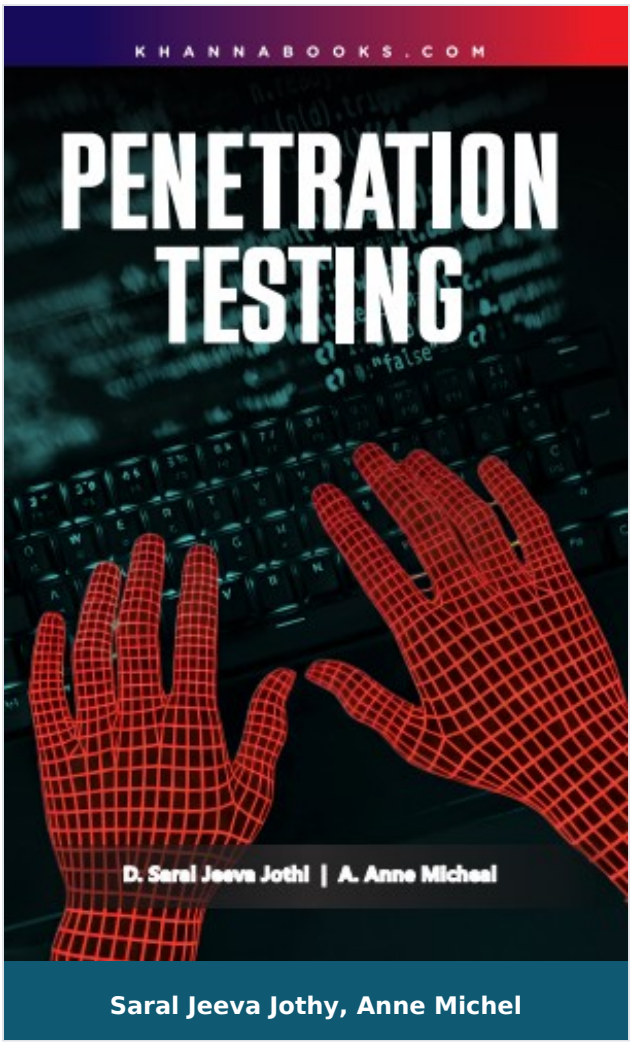

Saral Jeeva Jothy, Anne Michel

Penetration Testing

Author :	Saral Jeeva Jothy, Anne Michel
ISBN 13 :	978-93-55387-36-3
ISBN 10 :	9355387369
E-ISBN 13 :	978-93-55387-36-3
Edition :	First
Pages :	104
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 148.00
Categories :	Book Store, Sathyabama Series, New Arrivals
Condition Type :	New
Country Origin :	India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Penetration Testing

In today's digital age, where cyber threats are constantly evolving, Penetration Testing—often referred to as ethical hacking—is the most crucial practice for identifying and addressing security vulnerabilities.

Penetration Testing is designed to provide a comprehensive understanding of the field and its methodologies. This book offers a systematic approach to simulating cyberattacks on systems to uncover weaknesses before malicious hackers can exploit them. Readers will gain the theoretical knowledge and hands-on experience necessary to conduct effective security assessments in a controlled, ethical, and legal manner.

You will master the entire pen testing lifecycle: from initial reconnaissance and exploitation to post-exploitation and delivering a detailed, actionable report. By emphasizing practical skills and real-world tools, this resource prepares students and professionals alike to confidently secure systems and ensure compliance with critical industry regulations like PCI DSS, GDPR, and HIPAA.

Salient Features:

- **Foundational Knowledge**: Introduction to the basic principles of Cryptography, including detailed coverage of algorithms like AES, DES, RSA, and SHA.
- **Methodology Mastery**: In-depth discussion of the three major penetration testing approaches: Black Box, White Box, and Grey Box, and when to choose each method.
- **Five-Phase Process**: Step-by-step guidance through the entire pen testing procedure, covering Planning & Reconnaissance, Scanning, Gaining Access, Post-Exploitation, and Reporting.
- **OS & Network Exploitation**: Hands-on experience with Windows and Linux password hashes, exploitation in Internetworks, and testing Wireless Networks.

Khanna Publishing House
4C/4344, Ansari Road, Daryaganj, New Delhi-110002
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

- **Industry-Standard Tools**: Practical application of essential tools and frameworks, including Nmap for scanning, the Metasploit Exploitation Framework, and Netcat for pivoting and remote connections.
- **Compliance and Ethics:** Comprehensive coverage of the Ethical and Legal Considerations required to conduct penetration tests responsibly, ensuring tests adhere to governance frameworks.
- **Actionable Reporting**: Detailed structure and components of a professional Penetration Testing Report, including the Executive Summary, Risk Assessment, and clear, prioritized Recommendations for remediation.

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Table Of Contents

- Preface
- Introduction to Penetration Testing
- Penetration Testing Methodologies
- Phase of Penetration
- Penetration Testing with Internet Works
- Penetration Testing in Linux, Window

Author

Saral Jeeva Jothy

Saral Jeeva Jothy

Anne Michel

Anne Michel,

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320