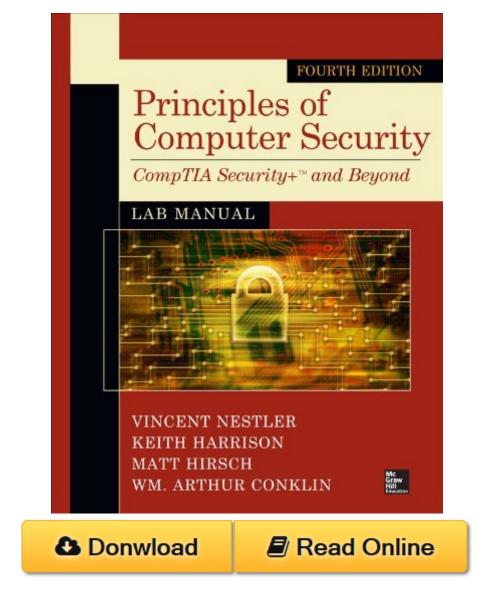
Principles of Computer Security Lab Manual, Fourth Edition PDF



Principles of Computer Security Lab Manual, Fourth Edition by Vincent Nestler, Keith Harrison, Matthew Hirsch, Wm. Arthur Conklin ISBN 0071836551

Practice the Computer Security Skills You Need to Succeed!

- 40+ lab exercises challenge you to solve problems based on realistic case studies
- Step-by-step scenarios require you to think critically
- Lab analysis tests measure your understanding of lab results
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- Key term quizzes help build your vocabulary

In this Lab Manual, you'll practice

- Configuring workstation network connectivity
- Analyzing network communication
- Establishing secure network application communication using TCP/IP protocols
- Penetration testing with Nmap, metasploit, password cracking, Cobalt Strike, and other tools
- Defending against network application attacks, including SQL injection, web browser exploits, and email attacks
- Combatting Trojans, man-in-the-middle attacks, and steganography
- Hardening a host computer, using antivirus applications, and configuring firewalls
- Securing network communications with encryption, secure shell (SSH), secure copy (SCP), certificates, SSL, and IPsec
- · Preparing for and detecting attacks
- · Backing up and restoring data
- Handling digital forensics and incident response

Principles of Computer Security Lab Manual, Fourth Edition Review

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