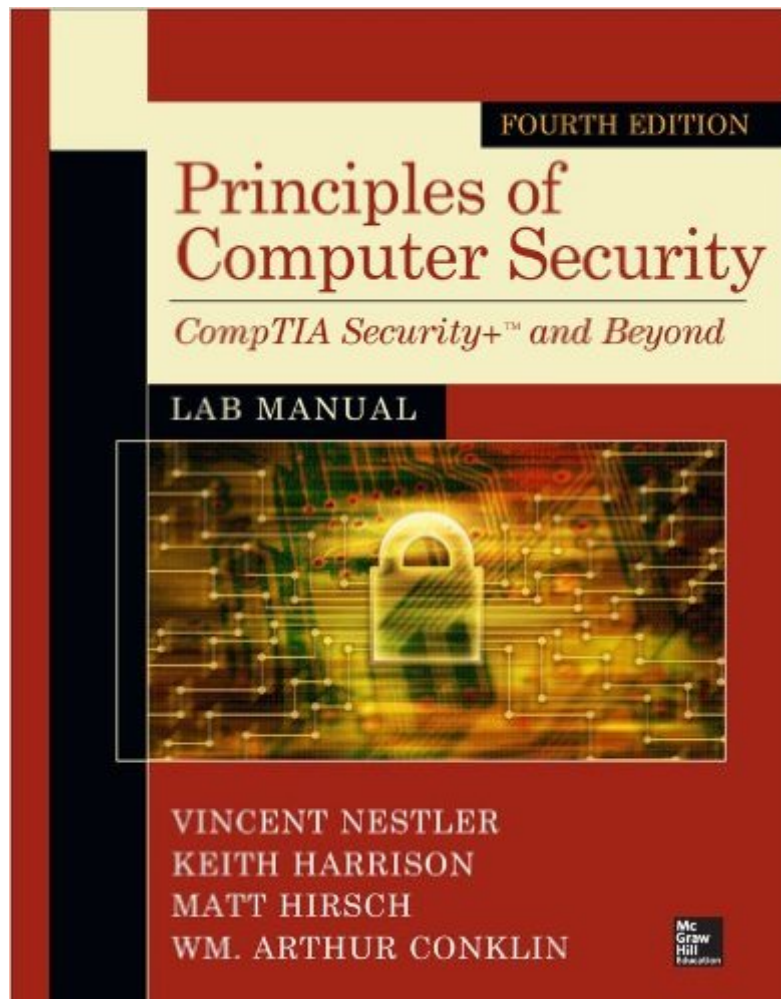


The book was found

# Principles Of Computer Security Lab Manual, Fourth Edition



## Synopsis

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. Key term quizzes help build your vocabulary. Labs can be performed on a Windows, Linux, or Mac platform with the use of virtual machines. 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

Instructor resources available: This lab manual supplements the textbook *Principles of Computer Security, Fourth Edition*, which is available separately. Virtual machine files. Solutions to the labs are not included in the book and are only available to adopting instructors.

## Book Information

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## Customer Reviews

The book is fine and all, but the labs that correspond with them are so slow and half of them don't work. Even my professor was amazed at how bad they were this year. Previously hadn't had

problems with the labs, but maybe this year was different. just didn't work as intended on a lot of the labs.

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