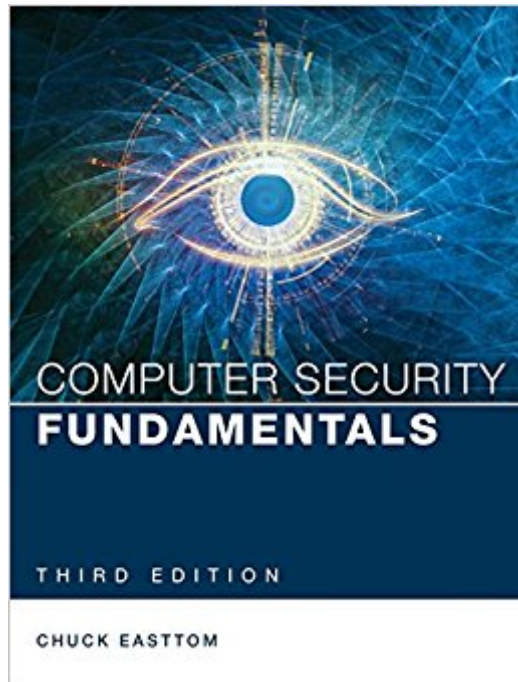




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# Computer Security Fundamentals (3rd Edition)



## Synopsis

ONE-VOLUME INTRODUCTION TO COMPUTER SECURITY Clearly explains core concepts, terminology, challenges, technologies, and skills Covers today's latest attacks and countermeasures The perfect beginner's guide for anyone interested in a computer security career Chuck Easttom brings together complete coverage of all basic concepts, terminology, and issues, along with all the skills you need to get started. Drawing on 20+ years of experience as a security instructor, consultant, and researcher, Easttom helps you take a proactive, realistic approach to assessing threats and implementing countermeasures. Writing clearly and simply, he addresses crucial issues that many introductory security books ignore, while addressing the realities of a world where billions of new devices are Internet-connected. This guide covers web attacks, hacking, spyware, network defense, security appliances, VPNs, password use, and much more. Its many tips and examples reflect new industry trends and the state-of-the-art in both attacks and defense. Exercises, projects, and review questions in every chapter help you deepen your understanding and apply all you've learned. Whether you're a student, a professional, or a manager, this guide will help you protect your assets and expand your career options. Learn how to

- Identify and prioritize potential threats to your network
- Use basic networking knowledge to improve security
- Get inside the minds of hackers, so you can deter their attacks
- Implement a proven layered approach to network security
- Resist modern social engineering attacks
- Defend against today's most common Denial of Service (DoS) attacks
- Halt viruses, spyware, worms, Trojans, and other malware
- Prevent problems arising from malfeasance or ignorance
- Choose the best encryption methods for your organization
- Compare security technologies, including the latest security appliances
- Implement security policies that will work in your environment
- Scan your network for vulnerabilities
- Evaluate potential security consultants
- Master basic computer forensics and know what to do if you're attacked
- Learn how cyberterrorism and information warfare are evolving

## Book Information

Paperback: 448 pages

Publisher: Pearson IT Certification; 3 edition (June 23, 2016)

Language: English

ISBN-10: 078975746X

ISBN-13: 978-0789757463

Product Dimensions: 7 x 1 x 8.9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 21 customer reviews

Best Sellers Rank: #25,421 in Books (See Top 100 in Books) #21 in Books > Computers & Technology > Networking & Cloud Computing > Network Security #35 in Books > Textbooks > Computer Science > Networking #62 in Books > Computers & Technology > Security & Encryption

## Customer Reviews

Chuck Easttom is a computer scientist and author of over 20 books. He is an inventor with 8 patented inventions. He travels the world teaching, speaking at conferences, and consulting. You can visit his website at [chuckeasttom.com](http://chuckeasttom.com).

This was a good, well rounded basic computer security text book. I just think it could have touched on Linux more.

OK

While it is outdated, it has enough information of its' time to get started protecting yourself.

The Title is appropriate. This is a good overview of computer security without getting into the actual code. Mostly descriptive of protocols, types of attacks, teaches the terminology (this is basically a terminology book) very well. As a course book for a fairly easy security class.

Great read. Easy to follow explanations. Great starter book

This is one of my smallest but most interesting books. This book has brought a lot of insight to some of the things I already knew. I felt like everyone can learn something from this book, no matter where you are in your IT career.

This book was required for a class. Actually very easy for a novice to read - which is very good

considering the field! Would recommend for non-IT-related computer users.

Nice book very well written. Helps out alot. Main purpose to learn about security and different things that can cause viruses and how to prevent them

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