Computer Security Fundamentals (3rd Edition)
Synopsis

ONE-VOLUME INTRODUCTION TO COMPUTER SECURITY  Clearly explains core concepts, terminology, challenges, technologies, and skills  Covers todayâ€™s latest attacks and countermeasures  The perfect beginnerâ€™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 youâ€™ve learned. Whether youâ€™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 todayâ€™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 youâ€™re attacked  Learn how cyberterrorism and information warfare are evolving  

Book Information

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