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Among the features that make Noiseless Steganography: The Key to Covert Communications a first of its kind: The first to comprehensively cover Linguistic Steganography The first to comprehensively cover Graph Steganography The first to comprehensively cover Game Steganography Although the goal of steganography is to prevent adversaries from suspecting the existence of covert communications, most books on the subject present outdated steganography approaches that are detectable by human and/or machine examinations. These approaches often fail because they camouflage data as a detectable noise by altering digital images, audio files, text, etc. However, such alteration raises suspicion and makes the message discernible by detecting its noise. Addressing such shortcomings, Noiseless Steganography: The Key to Covert Communications introduces a novel Noiseless Steganography Paradigm (Nostega). Rather than hiding data in noise or producing noise, Nostega camouflages messages as well as their transmission in the form of unquestionable data in the generated steganographic cover. The book explains how to use Nostega to determine suitable domains capable of generating unsuspecting steganographic cover in which messages are embedded in the form of innocent data that is compatible with the chosen domain. It presents a number of Nostega-based methodologies, including but not limited to: A novel cover type that enables data to be hidden in plotted graphs A novel methodology that pursues popular games such as chess, checkers, crosswords, and dominoes to conceal messages Comprehensive coverage of linguistic steganography Several novel linguistic steganography methodologies based on Natural Language Processing and Computational Linguistic techniques such as: Education-Centric-Based, Summarization-Based, Natural Language Generation Based, Random-Series-Based, Email Headers Based, Automatic Joke Generation Based, List-Based, and Automatic Notes Generation Based The first book to provide comprehensive coverage of Linguistic Steganography, Graph Steganography, and Game Steganography, it discusses the implementation and steganalysis validation of ten Nostega-based methodologies. It describes how to establish covert channels by employing the selected domain to serve as justification for the interaction and delivery of the cover among the communicating parties. Instead of using contemporary steganography approaches to camouflage your data as noise that is assumed to look innocent, the text provides you with the tools to prevent your adversaries from suspecting the existence of covert communications altogether.

Virtualization and Forensics: A Digital Forensic Investigators Guide to Virtual Environments offers an in-depth view into the world of virtualized environments and the implications they have on forensic investigations. Named a 2011 Best Digital Forensics Book by InfoSec Reviews, this guide gives you the end-to-end knowledge needed to identify server, desktop, and portable virtual environments, including: VMware, Parallels, Microsoft, and Sun. It covers technological advances in virtualization tools, methods, and issues in digital forensic investigations, and explores trends and emerging technologies surrounding virtualization technology. This book consists of three parts. Part I explains the process of virtualization and the different types of virtualized environments. Part II details how virtualization interacts with the basic forensic process, describing the methods used to find virtualization artifacts in dead and live environments as well as identifying the virtual activities that affect the examination process. Part III addresses advanced virtualization issues, such as the challenges of virtualized environments, cloud computing, and the future of virtualization. This book will be a valuable resource for forensic investigators (corporate and law enforcement) and incident response professionals. Named a 2011 Best Digital Forensics Book by InfoSec Reviews Gives you the end-to-end knowledge needed to identify server, desktop, and portable virtual environments, including: VMware, Parallels, Microsoft, and Sun Covers technological advances in virtualization tools, methods, and issues in digital forensic investigations Explores trends and emerging technologies surrounding virtualization technology

The risk management process supports executive decision-making, allowing managers and owners to perform their fiduciary responsibility of protecting the assets of their enterprises. This crucial process should not be a long, drawn-out affair. To be effective, it must be done quickly and efficiently. Information Security Risk Analysis, Second

Today, the scope of image processing and recognition has broadened due to the gap in scientific visualization. Thus, new imaging techniques have developed, and it is imperative to study this progression for optimal utilization. Advanced Image Processing Tech-

niques and Applications is an essential reference publication for the latest research on digital image processing advancements. Featuring expansive coverage on a broad range of topics and perspectives, such as image and video steganography, pattern recognition, and artificial vision, this publication is ideally designed for scientists, professionals, researchers, and academicians seeking current research on solutions for new challenges in image processing.

The need for information security management has never been greater. With constantly changing technology, external intrusions, and internal thefts of data, information security officers face threats at every turn. The Information Security Management Handbook on CD-ROM, 2006 Edition is now available. Containing the complete contents of the Information Security Management Handbook, this is a resource that is portable, linked and searchable by keyword. In addition to an electronic version of the most comprehensive resource for information security management, this CD-ROM contains an extra volume's worth of information that is not found anywhere else, including chapters from other security and networking books that have never appeared in the print editions. Exportable text and hard copies are available at the click of a mouse. The Handbook's numerous authors present the ten domains of the Information Security Common Body of Knowledge (CBK) ®. The CD-ROM serves as an everyday reference for information security practitioners and an important tool for any one preparing for the Certified Information System Security Professional (CISSP) ® examination. New content to this Edition: Sensitive/Critical Data Access Controls Role-Based Access Control Smartcards A Guide to Evaluating Tokens Identity Management-Benefits and Challenges An Examination of Firewall Architectures The Five "W's" and Designing a Secure Identity Based Self-Defending Network Maintaining Network Security-Availability via Intelligent Agents PBX Firewalls: Closing the Back Door Voice over WLAN Spam Wars: How to Deal with Junk E-Mail Auditing the Telephony System: Defenses against Communications Security Breaches and Toll Fraud The "Controls" Matrix Information Security Governance The risk management process supports executive decision-making, allowing managers and owners to perform their fiduciary responsibility of protecting the assets of their enterprises. This crucial process should not be a long, drawn-out affair. To be effective, it must be done quickly and efficiently. Information Security Risk Analysis, Second Edition enables CIOs, CSOs, and MIS managers to understand when, why, and how risk assessments and analyses can be conducted effectively. This book discusses the principle of risk management and its three key elements: risk analysis, risk assessment, and vulnerability assessment. It examines the differences between quantitative and qualitative risk assessment, and details how various types of qualitative risk assessment can be applied to the assessment process. The text offers a thorough discussion of recent changes to FRAAP and the need to develop a pre-screening method for risk assessment and business impact analysis.

This timely textbook presents a comprehensive guide to the core topics in cybersecurity, covering issues of security that extend beyond traditional computer networks to the ubiquitous mobile communications and online social networks that have become part of our daily lives. In the context of our growing dependence on an ever-changing digital ecosystem, this book stresses the importance of security awareness, whether in our homes, our businesses, or our public spaces. This fully updated new edition features new material on the security issues raised by blockchain technology, and its use in logistics, digital ledgers, payments systems, and digital contracts. Topics and features: Explores the full range of security risks and vulnerabilities in all connected digital systems Inspires debate over future developments and improvements necessary to enhance the security of personal, public, and private enterprise systems Raises thought-provoking questions regarding legislative, legal, social, technical, and ethical challenges, such as the tension between privacy and security Describes the fundamentals of traditional computer network security, and common threats to security Reviews the current landscape of tools, algorithms, and professional best practices in use to maintain security of digital systems Discusses the security issues introduced by the latest generation of network technologies, including mobile systems, cloud computing, and blockchain Presents exercises of varying levels of difficulty at the end of each chapter, and concludes with a diverse selection of practical projects Offers supplementary material for students and instructors at an associated website, including slides, additional projects, and syllabus suggestions This important textbook/reference is an invaluable resource for students of computer science, engineering, and information management, as well as for

practitioners working in data- and information-intensive industries.

Learners will master the skills necessary to launch and complete a successful computer investigation with the updated fourth edition of this popular book, GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS. This resource guides readers through conducting a high-tech investigation, from acquiring digital evidence to reporting its findings. Updated coverage includes new software and technologies as well as up-to-date reference sections. Learn how to set up a forensics lab, how to acquire the proper and necessary tools, and how to conduct the investigation and subsequent digital analysis. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Just when you thought there was nothing new to learn, the author has created the most concise investigative guide to business intelligence and the social media. This powerful resource contains useful insights and proven successful techniques the reader can apply immediately. Step-by-step examples coupled with proven strategies and a detailed practical approach all lead to achieving better results. Hetherington's methods appeal to and educate readers at all levels of expertise.

Managing an Information Security and Privacy Awareness and Training Program provides a starting point and an all-in-one resource for infosec and privacy education practitioners who are building programs for their organizations. The author applies knowledge obtained through her work in education, creating a comprehensive resource of nearly everything involved with managing an infosec and privacy training course. This book includes examples and tools from a wide range of businesses, enabling readers to select effective components that will be beneficial to their enterprises. The text progresses from the inception of an education program through development, implementation, delivery, and evaluation.

Co-published with the American Academy of Forensic Sciences, Forensic Science presents comprehensive international discussion of key issues and future directions within the forensic sciences. Written by accomplished and respected specialists in approximately eleven distinct areas of the forensic sciences, the volume will examine central issues within each discipline, provide perspective on current debate and explore current and proposed research initiatives. It will also provide the forensically involved international community with current in-depth perspective on the key issues in the contemporary practice of the forensic sciences. Publisher Description

Since 1993, the Information Security Management Handbook has served not only as an everyday reference for information security practitioners but also as an important document for conducting the intense review necessary to prepare for the Certified Information System Security Professional (CISSP) examination. Now completely revised and updated and in its fifth edition, the handbook maps the ten domains of the Information Security Common Body of Knowledge and provides a complete understanding of all the items in it. This is a ...must have... book, both for preparing for the CISSP exam and as a comprehensive, up-to-date reference.

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Many excellent hardware and software products exist to protect our data communications systems, but security threats dictate that they must be further enhanced. Many laws implemented during the past 15 years have provided law enforcement with more teeth to take a bite out of cyber crime, but there is still a need for individuals who know how to investigate computer network security incidents. Organizations demand experts with both investigative talents and a technical knowledge of how cyberspace really works. Cyber Crime Investigator's Field Guide, Second Edition provides the investigative framework that needs to be followed, along with information about how cyberspace works and the tools that reveal the who, what, when, where, why, and how in the investigation of cyber crime. This volume offers a valuable Q&A by subject area, an extensive overview of recommended reference materials, and a detailed case study. Appendices highlight attack signatures, UNIX/Linux commands, Cisco PIX commands, port numbers targeted by trojan horses, and more.

With the recent Electronic Signatures in Global and National Commerce Act, public key cryptography, digital signatures, and digital

certificates are finally emerging as a ubiquitous part of the Information Technology landscape. Although these technologies have been around for over twenty years, this legislative move will surely boost e-commerce act

Investigators within the law enforcement and cyber forensics communities are generally aware of the concept of steganography, but their levels of expertise vary dramatically depending upon the incidents and cases that they have been exposed to. Now there is a book that balances the playing field in terms of awareness, and serves as a valuable refer

A successor to the popular Artech House title *Information Hiding Techniques for Steganography and Digital Watermarking*, this comprehensive and up-to-date new resource gives the reader a thorough review of steganography, digital watermarking and media fingerprinting with possible applications to modern communication, and a survey of methods used to hide information in modern media. This book explores Steganography, as a means by which two or more parties may communicate using invisible or subliminal communication. "Steganalysis" is described as methods which can be used to break steganographic communication. This comprehensive resource also includes an introduction to watermarking and its methods, a means of hiding copyright data in images and discusses components of commercial multimedia applications that are subject to illegal use. This book demonstrates a working knowledge of watermarking's pros and cons, and the legal implications of watermarking and copyright issues on the Internet.

Divided into two major parts, *Enhancing Computer Security with Smart Technology* introduces the problems of computer security to researchers with a machine learning background, then introduces machine learning concepts to computer security professionals. Realizing the massive scope of these subjects, the author concentrates on problems related to the detection of intrusions through the application of machine learning methods and on the practical algorithmic aspects of machine learning and its role in security. A collection of tutorials that draw from a broad spectrum of viewpoints and experience, this volume is made up of chapters written by specialists in each subject field. It is accessible to any professional with a basic background in computer science. Following an introduction to the issue of cyber-security and cyber-trust, the book offers a broad survey of the state-of-the-art in firewall technology and of the importance of Web application security. The remainder of the book focuses on the use of machine learning methods and tools and their performance.

Assessing and Managing Security Risk in IT Systems: A Structured Methodology builds upon the original McCumber Cube model to offer proven processes that do not change, even as technology evolves. This book enables you to assess the security attributes of any information system and implement vastly improved security environments. Part I deliv

Information Security Architecture, Second Edition incorporates the knowledge developed during the past decade that has pushed the information security life cycle from infancy to a more mature, understandable, and manageable state. It simplifies security by providing clear and organized methods and by guiding you to the most effective resources avai

Steganography is the art and science of hiding information in inconspicuous cover data so that even the existence of a secret message is kept confidential, and steganalysis is the task of detecting secret messages in covers. This research monograph focuses on the role of cover signals, the distinguishing feature that requires us to treat steganography and steganalysis differently from other secrecy techniques. The main theoretical contribution of the book is a proposal to structure approaches to provably secure steganography according to their implied assumptions on the limits of the adversary and on the nature of covers. A further contribution is the emphasis on dealing with heterogeneity in cover distributions, crucial for security analyses. The author's work complements earlier approaches based on information, complexity, probability and signal processing theory, and he presents numerous practical implications. The scientific advances are supported by a survey of the classical steganography literature; a new proposal for a unified terminology and notation that is maintained throughout the book; a critical discussion of the results achieved and their limitations; and an assessment of the possibility of transferring elements of this research's empirical perspective to other domains in information security. The book is suitable for researchers working in cryptography and information security, practitioners in the corporate and national security domains, and graduate students specializing in multimedia security and data hiding.

Since 1993, the *Information Security Management Handbook* has served not only as an everyday reference for information security practitioners but also as an important document for conducting the intense review necessary to prepare for the Certified Information System Security Professional (CISSP) examination. Now completely revised and updated and i

Network security is concerned with creating a secure inter-connected network that is designed so that on the one hand, users cannot perform actions that they are not allowed to perform, but on the other hand, can perform the actions that they are allowed to. Network security not only involves specifying and implement-

ing a security policy that describes access control, but also implementing an Intrusion Detection System as a tool for detecting attempted attacks or intrusions by crackers or automated attack tools and identifying security breaches such as incoming shellcode, viruses, worms, malware and trojan horses transmitted via a computer system or network. Today's computer infrastructure is exposed to several kinds of security threats ranging from virus attacks, unauthorised data access, sniffing and password cracking. Understanding network vulnerabilities in order to protect networks from external and internal threats is vital to the world's economy and should be given the highest priority. Computer and network security involves many important and complicated issues and this gathering of scientists will help not only in raising awareness but also in teaching participants the state-of-the-art of security techniques. Topics in network security, information security and coding are discussed in this volume.

A comprehensive security patch management process is one of the fundamental security requirements for any IT-dependent organization. Fully defining this process ensures that patches are deployed in an organized, staged manner, resulting in little or no slowdowns or downtime to network infrastructure. Until now, there were no technical books for com

"This book contains some of the most up-to-date information available anywhere on a wide variety of topics related to Techno Security. As you read the book, you will notice that the authors took the approach of identifying some of the risks, threats, and vulnerabilities and then discussing the countermeasures to address them. Some of the topics and thoughts discussed here are as new as tomorrow's headlines, whereas others have been around for decades without being properly addressed. I hope you enjoy this book as much as we have enjoyed working with the various authors and friends during its development. —Donald Withers, CEO and Cofounder of TheTrainingCo. • Jack Wiles, on Social Engineering offers up a potpourri of tips, tricks, vulnerabilities, and lessons learned from 30-plus years of experience in the worlds of both physical and technical security. • Russ Rogers on the Basics of Penetration Testing illustrates the standard methodology for penetration testing: information gathering, network enumeration, vulnerability identification, vulnerability exploitation, privilege escalation, expansion of reach, future access, and information compromise. • Johnny Long on No Tech Hacking shows how to hack without touching a computer using tailgating, lock bumping, shoulder surfing, and dumpster diving. • Phil Drake on Personal, Workforce, and Family Preparedness covers the basics of creating a plan for you and your family, identifying and obtaining the supplies you will need in an emergency. • Kevin O'Shea on Seizure of Digital Information discusses collecting hardware and information from the scene. • Amber Schroader on Cell Phone Forensics writes on new methods and guidelines for digital forensics. • Dennis O'Brien on RFID: An Introduction, Security Issues, and Concerns discusses how this well-intended technology has been eroded and used for fringe implementations. • Ron Green on Open Source Intelligence details how a good Open Source Intelligence program can help you create leverage in negotiations, enable smart decisions regarding the selection of goods and services, and help avoid pitfalls and hazards. • Raymond Blackwood on Wireless Awareness: Increasing the Sophistication of Wireless Users maintains it is the technologist's responsibility to educate, communicate, and support users despite their lack of interest in understanding how it works. • Greg Kipper on What is Steganography? provides a solid understanding of the basics of steganography, what it can and can't do, and arms you with the information you need to set your career path. • Eric Cole on Insider Threat discusses why the insider threat is worse than the external threat and the effects of insider threats on a company. Internationally known experts in information security share their wisdom Free pass to Techno Security Conference for everyone who purchases a book—\$1,200 value

The world of Internet law is constantly changing and is difficult to follow, even for those for whom doing so is a full-time job. This updated, everything-you-need-to-know reference removes the uncertainty. *Internet and the Law: Technology, Society, and Compromises, Second Edition* is the go-to source for anyone who needs clear explanations of complex legal concepts related to online practices and content. This wide-ranging, alphabetical reference explores diverse areas of law, including territorial jurisdiction and taxation, that are relevant to or affected by advances in information technology and the rise of the Internet. Particular emphasis is placed on intellectual property law and laws regarding freedom of expression. The Internet, as this book shows, raises questions not only about how to protect intellectual creations, but about what should be protected. Entries also discuss how the Web has brought First Amendment rights and free expression into question as society grapples with attempts to control "leaks" and to restrict content such as pornography, spam, defamation, and criminal speech. Explains complex legal and technical concepts clearly and understandably through entries that range from 500 to 5,000 words Covers a wide range of topics, including censorship, copyright, domain name disputes, file-sharing, hacking, patents, spam, malware, international law, tax issues, trademarks, and viruses Features an introductory guide to the U.S. legal system, including how to find, read, and understand sources of law Includes cases, statutes, and international treaties relevant to the law of informa-

tion technology and the Internet

Communications represent a strategic sector for privacy protection and for personal, company, national and international security. The interception, damage or lost of information during communication can generate material and non material economic damages from both a personal and collective point of view. The purpose of this book is to give the reader information relating to all aspects of communications security, beginning at the base ideas and building to reach the most advanced and updated concepts. The book will be of interest to integrated system designers, telecommunication designers, system engineers, system analysts, security managers, technicians, intelligence personnel, security personnel, police, army, private investigators, scientists, graduate and postgraduate students and anyone that needs to communicate in a secure way.

With the explosive growth in mobile phone usage and rapid rise in search engine technologies over the last decade, augmented reality (AR) is poised to be one of this decade's most disruptive technologies, as the information that is constantly flowing around us is brought into view, in real-time, through augmented reality. In this cutting-edge book, the authors outline and discuss never-before-published information about augmented reality and its capabilities. With coverage of mobile, desktop, developers, security, challenges, and gaming, this book gives you a comprehensive understanding of what augmented reality is, what it can do, what is in store for the future and most importantly: how to benefit from using AR in our lives and careers. Educates readers how best to use augmented reality regardless of industry Provides an in-depth understanding of AR and ideas ranging from new business applications to new crime fighting methods Includes actual examples and case studies from both private and government application

These post-proceedings contain 27 papers that were accepted for presentation at the Fifth International Workshop on Information Hiding, held 7-9 October 2002, in Noordwijkerhout, The Netherlands. The papers were selected from 78 submissions on the basis of their scienti?c excellence and novelty by the program committee. We tried to have a balanced program covering several aspects of information hiding. The program committee was composed of Ross J. Anderson (Univ- sity of Cambridge, UK), Jan Camenisch (IBM Zurich Research Laboratory, Switzerland), Ingemar J. Cox (NEC Research Institute, USA), John McHugh (SEI/CERT, USA), Ira S. Moskowitz (Naval Research Laboratory, USA), Job Oostveen (Philips Research, The Netherlands), Andreas P?tzmann (Dresden University of Technology, Germany), Mike Reiter (Carnegie Mellon University, USA), and me. We all wish to thank all the authors of submissions for o?ering their papers for consideration. This year, contrary to the four previous workshops, the call for papers - quested anonymous submissions. However, anonymity was not compulsory and we did accept some papers in which the identity of the authors was clear. Each submission was assigned to three members of the program committee. Papers submitted by program committee members were assigned to four reviewers. The program committee relied on the advice of outside colleagues. We also insisted that 12 of the 27 accepted papers should be revised according to the comments of the reviewers.

Video monitoring has become a vital aspect within the global society as it helps prevent crime, promote safety, and track daily activities such as traffic. As technology in the area continues to improve, it is necessary to evaluate how video is being processed to improve the quality of images. *Applied Video Processing in Surveillance and Monitoring Systems* investigates emergent techniques in video and image processing by evaluating such topics as segmentation, noise elimination, encryption, and classification. Featuring real-time applications, empirical research, and vital frameworks within the field, this publication is a critical reference source for researchers, professionals, engineers, academicians, advanced-level students, and technology developers.

This is the official CHFI (Computer Hacking Forensics Investigator) study guide for professionals studying for the forensics exams and for professionals needing the skills to identify an intruder's footprints and properly gather the necessary evidence to prosecute. The EC-Council offers certification for ethical hacking and computer forensics. Their ethical hacker exam has become very popular as an industry gauge and we expect the forensics exam to follow suit. Material is presented in a logical learning sequence: a section builds upon previous sections and a chapter on previous chapters. All concepts, simple and complex, are defined and explained when they appear for the first time. This book includes: Exam objectives covered in a chapter are clearly explained in the beginning of the chapter, Notes and Alerts highlight crucial points, Exam's Eye View emphasizes the important points from the exam's perspective, Key Terms present definitions of key terms used in the chapter, Review Questions contains the questions modeled after real exam questions based on the material covered in the chapter. Answers to the questions are presented with explanations. Also included is a full practice exam modeled after the real exam. The only study guide for CHFI, provides 100% coverage of all exam objectives. CHFI Training runs hundreds of dollars for self tests to thousands of dollars for classroom training.

Whether you are a professional licensed investigator or have been tasked by your employer to conduct an internal investigation, In-

vestigations in the Workplace gives you a powerful mechanism for engineering the most successful workplace investigations possible. Corporate investigator Eugene Ferraro, CPP, CFE has drawn upon his twenty-four years of

The investigative experience offers many challenges in reconstructing past events and in discovering the persons, entities, and organizations involved in a crime or a civil wrong. The discussion begins with explaining the nature of cold cases and the major problems associated with these investigations. A cold case investigation progresses from the internal (the caseOCOs center), proximal (contact evidence), distal (immediate vicinity) to the limbic (the world at large) realms of information. The text stresses the importance of gathering basic identifiers about the victim, suspect, product, or object that constitutes the OC centerOCO of the case. Fifteen keys exist that act as collection points for evidence, and these keys are discussed, including the role they play in the evolution of an investigation. The following topics are featured: identifying the differences between physical evidence, traceable evidence, and information resources; the differences between the goals in criminal cases and in civil investigations; working with the medical examiner; the importance of visiting the locus or crime scene even after a considerable period of time has elapsed; the basics of computer forensics and tips on cyberprofiling; technical assistance and how to locate expert help; tools for uncovering witnesses; locating OC hiddenOCO information archives relevant to a particular case; financial evidence; managing a case; and response when using a combination of traditional and forensic techniques, which constitutes a modern synthesis of investigative methods. Despite analytical methods, it is necessary to understand when to stop an investigation. The text covers this issue and makes recommendations regarding the writing of reports on a case. The Appendix contains a Master Checklist that provides a

wealth of information and expertise. This book will be a valuable resource for police investigators, private investigators, and governmental/regulatory investigators."

The Wireless Security Handbook provides a well-rounded overview of wireless network security. It examines wireless from multiple perspectives, including those of an auditor, security architect, and hacker. This wide scope benefits anyone who has to administer, secure, hack, or conduct business on a wireless network. This text tackles wirele

Effective security rules and procedures do not exist for their own sake—they are put in place to protect critical assets, thereby supporting overall business objectives. Recognizing security as a business enabler is the first step in building a successful program. Information Security Fundamentals allows future security professionals to gain a solid understanding of the foundations of the field and the entire range of issues that practitioners must address. This book enables students to understand the key elements that comprise a successful information security program and eventually apply these concepts to their own efforts. The book examines the elements of computer security, employee roles and responsibilities, and common threats. It examines the need for management controls, policies and procedures, and risk analysis, and also presents a comprehensive list of tasks and objectives that make up a typical information protection program. The volume discusses organizationwide policies and their documentation, and legal and business requirements. It explains policy format, focusing on global, topic-specific, and application-specific policies. Following a review of asset classification, the book explores access control, the components of physical security, and the foundations and processes of risk analysis and risk management. Information Security Fundamentals concludes by describing business continuity planning, including preventive controls, recovery strategies, and ways to conduct a business impact analysis.

Information Security Policies and Procedures: A Practitioner's Reference, Second Edition illustrates how policies and procedures support the efficient running of an organization. This book is divided into two parts, an overview of security policies and procedures, and an information security reference guide. This volume points out how securi

There are many books that detail tools and techniques of penetration testing, but none of these effectively communicate how the information gathered from tests should be analyzed and implemented. Until recently, there was very little strategic information available to explain the value of ethical hacking and how tests should be performed in order t

It was an honor and a privilege to chair the 24th IFIP International Information Security Conference (SEC 2009), a 24-year-old event that has become a tradition for information security professionals around the world. SEC 2009 was organized by the Technical Committee 11 (TC-11) of IFIP, and took place in Pafos, Cyprus, during May 18–20, 2009. It is an indication of good fortune for a Chair to serve a conference that takes place in a country with the natural beauty of Cyprus, an island where the hospitality and friendliness of the people have been going together, hand-in-hand, with its long history. This volume contains the papers selected for presentation at SEC 2009. In response to the call for papers, 176 papers were submitted to the conference. All of them were evaluated on the basis of their novelty and technical quality, and reviewed by at least two members of the conference Program Committee. Of the papers submitted, 39 were selected for presentation at the conference; the acceptance rate was as low as 22%, thus making the conference a highly competitive forum. It is the commitment of several people that makes international conferences possible. That also holds true for SEC 2009. The list of people who volunteered their time and energy to help is really long.