

Whitman Principles Of Information Security 4th Edition

Introduction to Information Security
 Elementary Information Security
 Management of Information Security
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 Management of information security
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 The Handbook of Information Systems Research
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 Readings and Cases in the Management of Information Security
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 Network Security, Firewalls and VPNs
 Principles of Information Security

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BARNETT CAREY

Introduction to Information Security Cengage Learning

If you want to go in one direction, the best route may involve going in another. This is the concept of 'obliquity': paradoxical as it sounds, many goals are more likely to be achieved when pursued indirectly. The richest men and women are not the most materialistic; the happiest people are not necessarily those who focus on happiness, and the most profitable companies are not always the most profit-oriented as the recent financial crisis showed us. Whether overcoming geographical obstacles, winning decisive battles or meeting sales targets, history shows that oblique approaches are the most successful, especially in difficult terrain. John Kay applies his provocative, universal theory to everything from international business to town planning and from football to managing forest fire.

Elementary Information Security Igi Global

Comprehensive and accessible, Elementary Information Security covers the entire range of topics required for US government courseware certification NSTISSI 4013 and urges students analyze a variety of security problems while gaining experience with basic tools of the trade. Written for the one-term undergraduate course, the text emphasises both the technical and non-technical aspects of information security and uses practical examples and real-world assessment tools. Early chapters in the text discuss individual computers and small LANS, while later chapters deal with distributed site security and the Internet. Cryptographic topics follow the same progression, starting on a single computer and evolving to Internet-level connectivity. Mathematical concepts throughout the text are defined and tutorials with mathematical tools are provided to ensure students grasp the information at hand. Rather than emphasizing memorization, this text challenges students to learn how to analyze a variety of security problems and gain experience with the basic tools of this growing trade. Key Features:-Covers all topics required by the US government curriculum standard NSTISSI 4013.- Unlike other texts on the topic, the author goes beyond defining the math concepts and provides students with tutorials and practice with

mathematical tools, making the text appropriate for a broad range of readers.- Problem Definitions describe a practical situation that includes a security dilemma.- Technology Introductions provide a practical explanation of security technology to be used in the specific chapters- Implementation Examples show the technology being used to enforce the security policy at hand- Residual Risks describe the limitations to the technology and illustrate various tasks against it.- Each chapter includes worked examples of techniques students will need to be successful in the course. For instance, there will be numerous examples of how to calculate the number of attempts needed to crack secret information in particular formats; PINs, passwords and encryption keys.

Management of Information Security IGI Global

IT Security governance is becoming an increasingly important issue for all levels of a company. IT systems are continuously exposed to a wide range of threats, which can result in huge risks that threaten to compromise the confidentiality, integrity, and availability of information. This book will be of use to those studying information security, as well as those in industry.

The Ethics of Cybersecurity Springer Nature

PRINCIPLES OF INCIDENT RESPONSE & DISASTER RECOVERY, 2nd Edition presents methods to identify vulnerabilities within computer networks and the countermeasures that mitigate risks and damage. From market-leading content on contingency planning, to effective techniques that minimize downtime in an emergency, to curbing losses after a breach, this text is the resource needed in case of a network intrusion. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Principles of information security Springer Nature

Information security is moving much higher up the agenda of corporate concerns. The pitfalls lying in wait of corporate information are legion. If information is our most important asset, then we must fortify ourselves for the task of protecting it properly. This book is a compilation of contributed chapters by researchers and practitioners addressing issues, trends and challenges facing the management of information security in this new millennium. Information Security Management: Global Challenges in the New Millennium focuses on aspects of information security planning, evaluation, design and implementation.

Management of information security Course Technology

This open access book provides the first comprehensive collection of papers that provide an integrative view on cybersecurity. It discusses theories, problems and solutions on the relevant ethical issues involved. This work is sorely needed in a world where cybersecurity has become indispensable to protect trust and confidence in the digital infrastructure whilst respecting fundamental values like equality, fairness, freedom, or privacy. The book has a strong practical focus as it includes case studies outlining ethical issues in cybersecurity and presenting guidelines and other measures to tackle those issues. It is thus not only relevant for academics but also for practitioners in cybersecurity such as providers of security software, governmental CERTs or Chief Security Officers in companies.

Modern Security Analysis Course Technology

Designed for senior and graduate-level business and information systems students who want to learn the management aspects of information security, this work includes extensive end-of-chapter pedagogy to reinforce concepts as they are learned.

Principles of Information Systems Cengage Learning

PART OF THE JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES Revised and updated with the latest information from this fast-paced field, Fundamentals of Information System Security, Second Edition provides a comprehensive overview of the essential concepts readers must know as they pursue careers in information systems security. The text opens with a discussion of the new risks, threats, and vulnerabilities associated with the transformation to a digital world, including a look at how business, government, and individuals operate today. Part 2 is adapted from the Official (ISC)2 SSCP Certified Body of Knowledge and presents a high-level overview of each of the seven domains within the System Security Certified Practitioner certification. The book closes with a resource for readers who desire additional material on information security standards, education, professional certifications, and compliance laws. With its practical, conversational writing style and step-by-step examples, this text is a must-have resource for those entering the world of information systems security. New to the Second Edition: - New material on cloud computing, risk analysis, IP mobility, OMNIBus, and Agile Software Development. - Includes the most recent updates in Information Systems Security laws, certificates, standards, amendments, and the proposed Federal Information Security Amendments Act of 2013 and HITECH Act. - Provides new cases and examples pulled from real-world scenarios. - Updated data, tables, and sidebars provide the most current information in the field.

Principles of Information Security Course Technology

The Growing Imperative Need for Effective Information Security Governance With monotonous regularity, headlines announce ever more spectacular failures of information security and mounting losses. The succession of corporate debacles and dramatic control failures in recent years underscores the necessity for information security to be tightly integrated into the fabric of every organization. The protection of an organization's most valuable asset information can no longer be relegated to low-level technical personnel, but must be considered an essential element of corporate governance that is critical to organizational success and survival. Written by an industry expert, Information Security Governance is the first book-length treatment of this important topic, providing readers with a step-by-step approach to developing and managing an effective information security program. Beginning with a general overview of governance, the book covers: The business case for information security Defining roles and responsibilities Developing

strategic metrics Determining information security outcomes Setting security governance objectives Establishing risk management objectives Developing a cost-effective security strategy A sample strategy development The steps for implementing an effective strategy Developing meaningful security program development metrics Designing relevant information security management metrics Defining incident management and response metrics Complemented with action plans and sample policies that demonstrate to readers how to put these ideas into practice, Information Security Governance is indispensable reading for any professional who is involved in information security and assurance.

Information Assurance Pearson Education India

This work defines cyber crime, introduces students to computer terminology and the history of computer crime, and includes discussions of important legal and social issues relating to computer crime. The text also covers computer forensic science.

Handbook of Distance Learning for Real-Time and Asynchronous Information Technology Education Delmar

The real threat to information system security comes from people, not computers. That's why students need to understand both the technical implementation of security controls, as well as the softer human behavioral and managerial factors that contribute to the theft and sabotage proprietary data. Addressing both the technical and human side of IS security, Dhillon's Principles of Information Systems Security: Texts and Cases equips managers (and those training to be managers) with an understanding of a broad range issues related to information system security management, and specific tools and techniques to support this managerial orientation. Coverage goes well beyond the technical aspects of information system security to address formal controls (the rules and procedures that need to be established for bringing about success of technical controls), as well as informal controls that deal with the normative structures that exist within organizations.

Principles of Information Security Jones & Bartlett Publishers

Equip your students with a management-focused overview of information security as well as the tools to effectively administer it with Whitman/Mattord's MANAGEMENT OF INFORMATION SECURITY, Sixth Edition. More than ever, we need to prepare information security management students to build and staff security programs capable of securing systems and networks to meet the challenges in a world where continuously emerging threats, ever-present attacks and the success of criminals illustrate weaknesses in current information technologies. This text offers an exceptional blend of skills and experiences to administer and manage the more secure computing environments that organizations need. Reflecting the latest developments from the field, it includes updated coverage of NIST, ISO and security governance along with emerging concerns like Ransomware, Cloud Computing and the Internet of Things.

Obliquity Springer Science & Business Media

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Computer Security: Principles and Practice, 2e, is ideal for courses in Computer/Network Security. In recent years, the need for education in computer security and related topics has grown dramatically - and is essential for anyone studying Computer Science or Computer Engineering. This is the only text available to provide integrated, comprehensive, up-to-date coverage of the broad range of topics in this subject. In addition to an extensive pedagogical program, the book provides unparalleled support for both research and modeling projects, giving students a broader perspective. The Text and Academic Authors Association named Computer Security: Principles and Practice, 1e, the winner of the Textbook Excellence Award for the best Computer Science textbook of 2008.

Thermodynamics: Basic Principles and Engineering Applications Pearson Higher Ed

Discover the latest trends, developments and technology in information security with Whitman/Mattord's market-leading PRINCIPLES OF INFORMATION SECURITY, 7th Edition. Designed specifically to meet the needs of information systems students like you, this edition's balanced focus addresses all aspects of information security, rather than simply offering a technical control perspective. This overview explores important terms and examines what is needed to manage an effective information security program. A new module details incident response and detection strategies. In addition, current, relevant updates highlight the latest practices in security operations as well as legislative issues, information management toolsets, digital forensics and the most recent policies and guidelines that correspond to federal and international standards. MindTap digital resources offer interactive content to further strength your success as a business

decision-maker.

Principles of Information Security, Loose-Leaf Version Cengage Learning

Discover the latest trends, developments and technology in information security with Whitman/Mattord's market-leading PRINCIPLES OF INFORMATION SECURITY, 7th Edition. Designed specifically to meet the needs of information systems students like you, this edition's balanced focus addresses all aspects of information security, rather than simply offering a technical control perspective. This overview explores important terms and examines what is needed to manage an effective information security program. A new module details incident response and detection strategies. In addition, current, relevant updates highlight the latest practices in security operations as well as legislative issues, information management toolsets, digital forensics and the most recent policies and guidelines that correspond to federal and international standards. MindTap digital resources offer interactive content to further strength your success as a business decision-maker.

Guide to Firewalls and Network Security Course Technology

Discover a managerially-focused overview of information security with a thorough presentation of how to most effectively administer it with MANAGEMENT OF INFORMATION SECURITY, 5E. Insightful, engaging content prepares you to become an information security management practitioner able to secure systems and networks in a world where continuously emerging threats, ever-present attacks, and the success of criminals illustrate the weaknesses in current information technologies. You'll develop both the information security skills and practical experience that organizations are looking for as they strive to ensure more secure computing environments. This edition offers a tightened focus on key executive and managerial aspects of information security while still emphasizing the foundational material to reinforce key concepts. Updated content reflects the most recent developments in the field, including NIST, ISO, and security governance.

Principles of Information Systems Security John Wiley & Sons

This updated edition will help IT managers and assets protection professionals to assure the protection and availability of vital digital information and related information systems assets. It contains major updates and three new chapters. The book uniquely bridges the gap between information security, information systems security and information warfare. It re-examines why organizations need to take information assurance seriously.

Security in Computing Profile Books

Firewalls are among the best-known network security tools in use today, and their critical role in information security continues to grow. However, firewalls are most effective when backed by thoughtful security planning, well-designed security policies, and integrated support from anti-virus software, intrusion detection systems, and related tools. GUIDE TO FIREWALLS AND VPNS, International Edition explores firewalls in the context of these critical elements, providing an in-depth guide that focuses on both managerial and technical aspects of security. Coverage includes packet filtering, authentication, proxy servers, encryption, bastion hosts, virtual private networks (VPNs), log file maintenance, and intrusion detection systems. The text also features an abundant selection of realistic projects and cases incorporating cutting-edge technology and current trends, giving students the opportunity to hone and apply the knowledge and skills they will need as working professionals. GUIDE TO FIREWALLS AND VPNS includes new and updated cases and projects, enhanced coverage of network security and VPNs, and information on relevant National Institute of Standards and Technology guidelines used by businesses and information technology professionals.

Cryptography and Network Security Prentice Hall

Information security-driven topic coverage is the basis for this updated book that will benefit readers in the information technology and business fields alike. Management of Information Security, provides an overview of information security from a management perspective, as well as a thorough understanding of the administration of information security. Written by two Certified Information Systems Security Professionals (CISSP), this book has the added credibility of incorporating the CISSP Common Body of Knowledge (CBK), especially in the area of information security management. The second edition has been updated to maintain the industry currency and academic relevance that made the previous edition so popular, and case studies and examples continue to populate the book, providing real-life applications for the topics covered.

Information Security Governance Springer Science & Business Media

Most introductory texts provide a technology-based survey of methods and techniques that leaves the reader without a clear understanding of the interrelationships between methods and

techniques. By providing a strategy-based introduction, the reader is given a clear understanding of how to provide overlapping defenses for critical information. This understanding provides a basis for engineering and risk-management decisions in the defense of information. Information security is a rapidly growing field, with a projected need for thousands of professionals within the next

decade in the government sector alone. It is also a field that has changed in the last decade from a largely theory-based discipline to an experience-based discipline. This shift in the field has left several of the classic texts with a strongly dated feel. - Provides a broad introduction to the

methods and techniques in the field of information security - Offers a strategy-based view of these tools and techniques, facilitating selection of overlapping methods for in-depth defense of information - Provides very current view of the emerging standards of practice in information security

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