Information Security Management Handbook Fifth Edition Ebook

Effective Physical Security, Fifth Edition is a best-practices compendium that details the essential elements and latest developments in physical security protection. This new edition is completely updated, with new chapters carefully selected from the author's work that set the standard. This book contains important coverage of environmental design, security surveys, locks, lighting, and CCTV, the latest ISO standards for risk assessment and risk management, physical security planning, network systems infrastructure, and environmental design. Provides detailed coverage of physical security in an easily accessible format Presents information that should be required reading for ASIS International's Physical Security Professional (PSP) certification Incorporates expert contributors in the field of physical security, while maintaining a consistent flow and style Serves the needs of multiple audiences, as both a textbook and professional desk reference Blends theory and practice, with a specific focus on today's global business and societal environment, and the associated security, safety, and asset protection challenges Includes useful information on the various and many aids appearing in the book Features terminology, references, websites, appendices to chapters, and checklists The new fifth edition of Information Technology Control and Audit has been significantly revised to include a comprehensive overview of the IT environment, including revolutionizing technologies, legislation, audit process, governance, strategy, and outsourcing, among others. This new edition also outlines common IT audit risks, procedures, and involvement associated with major IT audit areas. It further provides cases featuring practical IT audit scenarios, as well as sample documentation to design and perform actual IT audit work. Filled with up-to-date audit concepts, tools, techniques, and references for further reading, this revised edition promotes the mastery of concepts, as well as the effective implementation and assessment of IT controls by organizations and auditors. For instructors and lecturers there are an instructor's manual, sample syllabi and course schedules, PowerPoint lecture slides, and test questions. For students there are flashcards to test their knowledge of key terms and recommended further readings. Go to http://routledgetextbooks.com/textbooks/9781498752282/ for more information.
This book is written with the IT professional in mind. It provides a clear, concise system for managing IT projects, regardless of the size or complexity of the project. It avoids the jargon and complexity of traditional project management (PM) books. Instead, it provides a unique approach to IT project management, combining strategic business concepts (project ROI, strategic alignment, etc.) with the very practical, step-by-step instructions for developing and managing a successful IT project. It's short enough to be easily read and used but long enough to be comprehensive in the right places. * Essential information on how to provide a clear, concise system for managing IT projects, regardless of the size or complexity of the project * As IT jobs are outsourced, there is a growing demand for project managers to manage outsourced IT projects * Companion Web site for the book provides dozens of working

templates to help readers manage their own IT projects

Updated annually, the Information Security Management Handbook, Sixth Edition, Volume 6 is the most comprehensive and up-to-date reference available on information security and assurance. Bringing together the knowledge, skills, techniques, and tools required of IT security professionals, it facilitates the up-to-date understanding required to stay one step ahead of evolving threats, standards, and regulations. Reporting on the latest developments in information security and recent changes to the (ISC)2® CISSP Common Body of Knowledge (CBK®), this volume features new information on advanced persistent threats, HIPAA requirements, social networks, virtualization, and SOA. Its comprehensive coverage touches on all the key areas IT security professionals need to know, including: Access Control: Technologies and administration including the requirements of current laws Telecommunications and Network Security: Addressing the Internet, intranet, and extranet Information Security and Risk Management: Organizational culture, preparing for a security audit, and the risks of social media Application Security: Ever-present malware threats and building security into the development process Security Architecture and Design: Principles of design including zones of trust Cryptography: Elliptic curve cryptosystems, format-preserving encryption Operations Security: Event analysis Business Continuity and Disaster Recovery Planning: Business continuity in the cloud Legal, Regulations, Compliance, and Investigation: Persistent threats and incident response in the virtual realm Physical Security: Essential aspects of physical security The ubiquitous nature of computers and networks will always provide the opportunity and means to do harm. This edition updates its popular predecessors with the information you need to address the vulnerabilities created by recent innovations such as cloud computing, mobile banking, digital wallets, and near-field communications. This handbook is also available on CD.

Proceedings of the IFIP TC 11 WG 11.8, WISE 5, 19 to 21 June 2007, United States Military Academy, West Point, NY, USA

A Complete Guide to Planning and Implementation

Understanding the Fundamentals of InfoSec in Theory and Practice

Information Security Management Handbook, Sixth Edition

Occupational Outlook Handbook

By definition, information security exists to protect your organization's valuable information resources. But too often information security efforts are viewed as thwarting business objectives. An effective information security program preserves your information assets and helps you meet business objectives. Information Security Policies, Procedure

Updated annually, the Information Security Management Handbook, Sixth Edition, Volume 7 is the most comprehensive and up-to-date reference available on information security and assurance. Bringing together the knowledge, skills, techniques, and tools required of IT security professionals, it facilitates the up-to-date understanding required to stay one step ahead of evolving threats, standards, and

regulations. Reporting on the latest developments in information security and recent changes to the (ISC)2® CISSP Common Body of Knowledge (CBK®), this volume features 27 new chapters on topics such as BYOD, IT consumerization, smart grids, security, and privacy. Covers the fundamental knowledge, skills, techniques, and tools required by IT security professionals Updates its bestselling predecessors with new developments in information security and the (ISC)2® CISSP® CBK® Provides valuable insights from leaders in the field on the theory and practice of computer security technology Facilitates the comprehensive and up-to-date understanding you need to stay fully informed The ubiquitous nature of computers and networks will always provide the opportunity and means to do harm. This edition updates its popular predecessors with the information you need to address the vulnerabilities created by recent innovations such as cloud computing, mobile banking, digital wallets, and near-field communications. This handbook is also available on CD.

This new volume, Information Security Management Systems: A Novel Framework and Software as a Tool for Compliance with Information Security Standard, looks at information security management system standards, risk management associated with information security, and information security awareness within an organization. The authors aim to improve the overall ability of organizations to participate, forecast, and actively assess their information security circumstances. It is important to note that securing and keeping information from parties who do not have authorization to access such information is an extremely important issue. To address this issue, it is essential for an organization to implement an ISMS standard such as ISO 27001 to address the issue comprehensively. The authors of this new volume have constructed a novel security framework (ISF) and subsequently used this framework to develop software called Integrated Solution Modeling (ISM), a semi-automated system that will greatly help organizations comply with ISO 27001 faster and cheaper than other existing methods. In addition, ISM does not only help organizations to assess their information security compliance with ISO 27001, but it can also be used as a monitoring tool, helping organizations monitor the security statuses of their information resources as well as monitor potential threats. ISM is developed to provide solutions to solve obstacles, difficulties, and expected challenges associated with literacy and governance of ISO 27001. It also functions to assess the RISC level of organizations towards compliance with ISO 27001. The information provide here will act as blueprints for managing information security within business organizations. It will allow users to compare and benchmark their own processes and practices against these results shown and come up with new, critical insights to aid them in information security standard (ISO 27001) adoption.

An urgent warning from two bestselling security experts--and a gripping inside look at how governments, firms, and ordinary citizens can confront and contain the tyrants, hackers, and criminals bent on turning the digital realm into a war zone. "In the battle raging between offense and defense in cyberspace, Clarke and Knake have some important ideas about how we can avoid cyberwar for our country, prevent cybercrime against our companies, and in doing so, reduce resentment, division, and instability at home and abroad."--Bill Clinton There is much to fear in the dark corners of cyberspace: we have entered an age in which online threats carry real-world consequences. But we do not have to let autocrats and criminals run amok in the digital realm. We now know a great deal about how to make cyberspace far less dangerous--and about how to defend our security, economy, democracy, and privacy from cyber attack. Our guides to the fifth domain -- the Pentagon's term for cyberspace -- are two of America's top cybersecurity experts, seasoned practitioners who are as familiar with the White House Situation Room as they are with Fortune 500 boardrooms. Richard A. Clarke and Robert K. Knake offer a vivid, engrossing tour of the often unfamiliar terrain of cyberspace, introducing us to the scientists, executives, and public servants who have learned through hard experience how government agencies and private firms can fend off cyber threats. With a focus

on solutions over scaremongering, and backed by decades of high-level experience in the White House and the private sector, The Fifth Domain delivers a riveting, agenda-setting insider look at what works in the struggle to avoid cyberwar.

Principles of Information Security

Effective Physical Security

Handbook of Information Security Management

Information Technology Control and Audit, Fifth Edition

Information Security Cost Management

Discover the simple steps to implementing information security standards using ISO 27001, the most popular information security standard across the world. You'll see how it offers best practices to be followed, including the roles of all the stakeholders at the time of security framework implementation, post-implementation, and during monitoring of the implemented controls. Implementing an Information Security Management System provides implementation guidelines for ISO 27001:2013 to protect your information assets and ensure a safer enterprise environment. This book is a step-by-step guide on implementing secure ISMS for your organization. It will change the way you interpret and implement information security in your work area or organization. What You Will LearnDiscover information safeguard methodsImplement end-to-end information securityManage risk associated with information securityPrepare for audit with associated roles and responsibilitiesIdentify your information riskProtect your information assetsWho This Book Is For Security professionals who implement and manage a security framework or security controls within their organization. This book can also be used by developers with a basic knowledge of security concepts to gain a strong understanding of security standards for an enterprise. Create appropriate, security-focused business propositions that consider the balance between cost, risk, and usability, while starting your journey to become an information security manager. Covering a wealth of information that explains exactly how the industry works today, this book focuses on how you can set up an effective information security practice, hire the right people, and strike the best balance between security controls, costs, and risks. Practical Information Security Management provides a wealth of practical advice for anyone responsible for information security management in the workplace, focusing on the 'how' rather than the 'what'. Together we'll cut through the policies, regulations, and standards to expose the real inner workings of what makes a security management program effective, covering the full gamut of subject matter pertaining to security management: organizational structures, security architectures, technical controls, governance frameworks, and operational security. This book was not written to help you pass your CISSP, CISM, or CISMP or become a PCI-DSS auditor. It won't help you build an ISO 27001 or COBIT-compliant security management system, and it won't help you become

an ethical hacker or digital forensics investigator – there are many excellent books on the market that cover these subjects in detail. Instead, this is a practical book that offers years of real-world experience in helping you focus on the getting the job done. What You Will Learn Learn the practical aspects of being an effective information security manager Strike the right balance between cost and risk Take security policies and standards and make them work in reality Leverage complex security functions, such as Digital Forensics, Incident Response and Security Architecture Who This Book Is For"/div>divAnyone who wants to make a difference in offering effective security management for their business. You might already be a security manager seeking insight into areas of the job that you've not looked at before, or you might be a techie or risk guy wanting to switch into this challenging new career. Whatever your career goals are, Practical Security Management has something to offer you.

In todayOCOs technology-driven environment, there is an ever-increasing demand for information delivery. A compromise has to be struck between security and availability. This book is a pragmatic guide to information assurance for both business professionals and technical experts. This second edition includes the security of cloud-based resources."

Cyber Security for CEOs and Managment is a concise overview of the security threats posed to organizations and networks by the ubiquity of USB Flash Drives used as storage devices. The book will provide an overview of the cyber threat to you, your business, your livelihood, and discuss what you need to do, especially as CEOs and Management, to lower risk, reduce or eliminate liability, and protect reputation all related to information security, data protection and data breaches. The purpose of this book is to discuss the risk and threats to company information, customer information, as well as the company itself; how to lower the risk of a breach, reduce the associated liability, react quickly, protect customer information and the company's reputation, as well as discuss your ethical, fiduciary and legal obligations. Presents most current threats posed to CEOs and Managment teams. Offer detection and defense techniques

Information Security Risk Analysis, Second Edition

Handbook for ISO/IEC 27001

Guidelines for Effective Information Security Management

Implementing and Auditing an Information Security Management System in Small and Medium-Sized Businesses

Creating an Information Security Program from Scratch

A compilation of the fundamental knowledge, skills, techniques, and tools require by all security professionals, Information Security Handbook, Sixth Edition sets the standard on which all IT security programs and certifications are

based. Considered the gold-standard reference of Information Security, Volume 2 includes coverage of each domain of the Common Body of Knowledge, the standard of knowledge required by IT security professionals worldwide. In step with the lightening-quick, increasingly fast pace of change in the technology field, this book is updated annually, keeping IT professionals updated and current in their field and on the job.

This book helps you to bring the information security of your organization to the right level by using the ISO/IEC 27001 standard. An organization often provides services or products for years before the decision is taken to obtain an ISO/IEC 27001 certificate. Usually, a lot has already been done in the field of information security, but after reading the requirements of the standard, it seems that something more needs to be done: an 'information security management system' must be set up. A what? This handbook is intended to help small and medium-sized businesses establish, implement, maintain and continually improve an information security management system in accordance with the requirements of the international standard ISO/IEC 27001. At the same time, this handbook is also intended to provide information to auditors who must investigate whether an information security management system meets all requirements and has been effectively implemented. This handbook assumes that you ultimately want your information security management system to be certified by an accredited certification body. The moment you invite a certification body to perform a certification audit, you must be ready to demonstrate that your management system meets all the requirements of the Standard. In this book, you will find detailed explanations, more than a hundred examples, and sixty-one common pitfalls. It also contains information about the rules of the game and the course of a certification audit. Cees van der Wens (1965) studied industrial automation in the Netherlands. In his role as Lead Auditor, the author has carried out dozens of ISO/IEC 27001 certification audits at a wide range of organizations. As a consultant, he has also helped many organizations obtain the ISO/IEC 27001 certificate. The author feels very connected to the standard because of the social importance of information security and the power of a management system to get better results.

While information security is an ever-present challenge for all types of organizations today, most focus on providing security without addressing the necessities of staff, time, or budget in a practical manner. Information Security Cost Management offers a pragmatic approach to implementing information security, taking budgetary and real

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.

A Practitioner's Reference

Information Security Policies, Procedures, and Standards

Information Security Management Systems

Security Management Based on ISO 27001 Guidelines

A Novel Framework and Software as a Tool for Compliance with Information Security Standard

The InfoSec Handbook offers the reader an organized layout of information that is easily read and understood. Allowing beginners to enter the field and understand the key concepts and ideas, while still keeping the experienced readers updated on topics and concepts. It is intended mainly for beginners to the field of information security, written in a way that makes it easy for them to understand the detailed content of the book. The book offers a practical and simple view of the security practices while still offering somewhat technical and detailed information relating to security. It helps the reader build a strong foundation of information, allowing them to move forward from the book with a larger knowledge base. Security is a constantly growing concern that everyone must deal with. Whether it's an average computer user or a highly skilled computer user, they are always confronted with different security risks. These risks range in danger and should always be dealt with accordingly. Unfortunately, not everyone is aware of the dangers or how to prevent them and this is where most of the issues arise in information technology (IT). When computer users do not take security into account many issues can arise from that like system compromises or loss of data and information. This is an obvious issue that is present with all computer users. This book is intended to educate the average and experienced user of what kinds of different security practices and standards exist. It will also cover how to manage security software and updates in order to be as protected as possible from all of the threats that they face.

Designed for senior and graduate-level business and information systems students who want to learn the management aspects of information security.

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.

Cyber Security Management: A Governance, Risk and Compliance Framework by Peter Trim and Yang-Im Lee has been written for a wide audience. Derived from research, it places security management in a holistic context and outlines how the strategic marketing approach can be

used to underpin cyber security in partnership arrangements. The book is unique because it integrates material that is of a highly specialized nature but which can be interpreted by those with a non-specialist background in the area. Indeed, those with a limited knowledge of cyber security will be able to develop a comprehensive understanding of the subject and will be guided into devising and implementing relevant policy, systems and procedures that make the organization better able to withstand the increasingly sophisticated forms of cyber attack. The book includes a sequence-of-events model; an organizational governance framework; a business continuity management planning framework; a multi-cultural communication model; a cyber security management model and strategic management framework; an integrated governance mechanism; an integrated resilience management model; an integrated management model and system; a communication risk management strategy; and recommendations for counteracting a range of cyber threats. Cyber Security Management: A Governance, Risk and Compliance Framework simplifies complex material and provides a multi-disciplinary perspective and an explanation and interpretation of how managers can manage cyber threats in a pro-active manner and work towards counteracting cyber threats both now and in the future.

ISO 27001 Handbook

Managing Risk and Information Security

The Basics of Information Security

Transforming Information Security

A Governance, Risk and Compliance Framework

The need for information security management has never been greater. With constantly changing technology, external intrusions, 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 Smartcard 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

This book is written for the first security hire in an organization, either an individual moving into this role from within the organization or hired into the role. More and more, organizations are realizing that information security requires a dedicated team with leadership distinct from information technology, and often the people who are placed into those positions have no idea where start or how to prioritize. There are many issues competing for their attention, standards that say do this or do that, laws, regulations, customer demands, and no guidance on what is actually effective. This book offers guidance on approaches that wor how you prioritize and build a comprehensive information security program that protects your organization. While most books targeted at information security professionals explore specific subjects with deep expertise, this book explores the depth and brea of the field. Instead of exploring a technology such as cloud security or a technique such as risk analysis, this book places those i the larger context of how to meet an organization's needs, how to prioritize, and what success looks like. Guides to the maturation practice are offered, along with pointers for each topic on where to go for an in-depth exploration of each topic. Unlike more typica books on information security that advocate a single perspective, this book explores competing perspectives with an eye to provid the pros and cons of the different approaches and the implications of choices on implementation and on maturity, as often a choic on an approach needs to change as an organization grows and matures.

This handbook covers the ten domains of the Information Security Common Body of Knowledge. It is designed to empower the security professional and the chief information officer with information such that they can do their duty, protect the information assets of their organizations.

Managing Risk and Information Security: Protect to Enable, an ApressOpen title, describes the changing risk environment and wh fresh approach to information security is needed. Because almost every aspect of an enterprise is now dependent on technology, focus of IT security must shift from locking down assets to enabling the business while managing and surviving risk. This compact book discusses business risk from a broader perspective, including privacy and regulatory considerations. It describes the increas number of threats and vulnerabilities, but also offers strategies for developing solutions. These include discussions of how enterp can take advantage of new and emerging technologies—such as social media and the huge proliferation of Internet-enabled devices—while minimizing risk. With ApressOpen, content is freely available through multiple online distribution channels and electronic formats with the goal of disseminating professionally edited and technically reviewed content to the worldwide commun Here are some of the responses from reviewers of this exceptional work: “Managing Risk and Information Security is a perceptive balanced, and often thought-provoking exploration of evolving information risk and security challenges within a business context. Harkins clearly connects the needed, but often-overlooked linkage and dialog between the business and technical worlds and offe actionable strategies. The book contains eye-opening security insights that are easily understood, even by the curious layman.” R Wettling, Bechtel Fellow, IS&T Ethics & Compliance Officer, Bechtel “As disruptive technology innovations and escalating cyber

threats continue to create enormous information security challenges, Managing Risk and Information Security: Protect to Enable provides a much-needed perspective. This book compels information security professionals to think differently about concepts of management in order to be more effective. The specific and practical guidance offers a fast-track formula for developing informati security strategies which are lock-step with business priorities." Laura Robinson, Principal, Robinson Insight Chair, Security for Business Innovation Council (SBIC) Program Director, Executive Security Action Forum (ESAF) "The mandate of the information security function is being completely rewritten. Unfortunately most heads of security haven't picked up on the change, impeding th companies' agility and ability to innovate. This book makes the case for why security needs to change, and shows how to get star It will be regarded as marking the turning point in information security for years to come." Dr. Jeremy Bergsman, Practice Manage CEB "The world we are responsible to protect is changing dramatically and at an accelerating pace. Technology is pervasive in virtually every aspect of our lives. Clouds, virtualization and mobile are redefining computing – and they are just the beginning of what is to come. Your security perimeter is defined by wherever your information and people happen to be. We are attacked by professional adversaries who are better funded than we will ever be. We in the information security profession must change as dramatically as the environment we protect. We need new skills and new strategies to do our jobs effectively. We literally need to change the way we think. Written by one of the best in the business, Managing Risk and Information Security challenges tradition security theory with clear examples of the need for change. It also provides expert advice on how to dramatically increase the success of your security strategy and methods – from dealing with the misperception of risk to how to become a Z-shaped CISO. Managing Risk and Information Security is the ultimate treatise on how to deliver effective security to the world we live in for the next 10 years. It is absolute must reading for anyone in our profession – and should be on the desk of every CISO in the world." D Cullinane, CISSP CEO Security Starfish, LLC "In this overview, Malcolm Harkins delivers an insightful survey of the trends, threat and tactics shaping information risk and security. From regulatory compliance to psychology to the changing threat context, this work provides a compelling introduction to an important topic and trains helpful attention on the effects of changing technology an management practices." Dr. Mariano-Florentino Cuéllar Professor, Stanford Law School Co-Director, Stanford Center for International Security and Cooperation (CISAC), Stanford University "Malcolm Harkins gets it. In his new book Malcolm outlines the major forces changing the information security risk landscape from a big picture perspective, and then goes on to offer effecti methods of managing that risk from a practitioner's viewpoint. The combination makes this book unique and a must read for anyo interested in IT risk." Dennis Devlin AVP, Information Security and Compliance, The George Washington University "Managing Risk and Information Security is the first-to-read, must-read book on information security for C-Suite executives. It is accessible, understandable and actionable. No sky-is-falling scare tactics, no techno-babble – just straight talk about a critically important subject. There is no better primer on the economics, ergonomics and psycho-behaviourals of security than this." Thornton May,

Futurist, Executive Director & Dean, IT Leadership Academy “Managing Risk and Information Security is a wake-up call for information security executives and a ray of light for business leaders. It equips organizations with the knowledge required to transform their security programs from a “culture of no” to one focused on agility, value and competitiveness. Unlike other publications, Malcolm provides clear and immediately applicable solutions to optimally balance the frequently opposing needs of risk reduction and business growth. This book should be required reading for anyone currently serving in, or seeking to achieve, t role of Chief Information Security Officer.” Jamil Farshchi, Senior Business Leader of Strategic Planning and Initiatives, VISA “Fo too many years, business and security – either real or imagined – were at odds. In Managing Risk and Information Security: Prote to Enable, you get what you expect – real life practical ways to break logjams, have security actually enable business, and marrie security architecture and business architecture. Why this book? It's written by a practitioner, and not just any practitioner, one of t leading minds in Security today.” John Stewart, Chief Security Officer, Cisco “This book is an invaluable guide to help security professionals address risk in new ways in this alarmingly fast changing environment. Packed with examples which makes it a pleasure to read, the book captures practical ways a forward thinking CISO can turn information security into a competitive advantage for their business. This book provides a new framework for managing risk in an entertaining and thought provoking wa This will change the way security professionals work with their business leaders, and help get products to market faster. The 6 irrefutable laws of information security should be on a stone plaque on the desk of every security professional.” Steven Proctor, V Audit & Risk Management, Flextronics

Information Security Management Handbook, Fifth Edition

Information Security Management Handbook

Fifth World Conference on Information Security Education

Optimizing Five Concurrent Trends to Reduce Resource Drain

Management of Information Security

Every year, in response to new technologies and new laws in different countries and regions, there are changes to the fundamental knowledge, skills, techniques, and tools required by all IT security professionals. In step with the lightning-quick, increasingly fast pace of change in the technology field, the Information Security Management Handbook, updated yearly, has become the standard on which all IT security programs and certifications are based. It reflects new updates to the Common Body of Knowledge (CBK) that IT security professionals all over the globe need to know. Captures the crucial elements of the CBK Exploring the ten domains of the CBK, the book explores access

control, telecommunications and network security, information security and risk management, application security, and cryptography. In addition, the expert contributors address security architecture and design, operations security, business continuity planning and disaster recovery planning. The book also covers legal regulations, compliance, investigation, and physical security. In this anthology of treatises dealing with the management and technical facets of information security, the contributors examine varied topics such as anywhere computing, virtualization, podslurping, quantum computing, mashups, blue snarfing, mobile device theft, social computing, voting machine insecurity, and format string vulnerabilities. Also available on CD-ROM Safeguarding information continues to be a crucial concern of all IT professionals. As new risks threaten the security of our systems, it is imperative that those charged with protecting that information continually update their armor of knowledge to guard against tomorrow's hackers and software vulnerabilities. This comprehensive Handbook, also available in fully searchable CD-ROM format keeps IT professionals abreast of new developments on the security horizon and reinforces timeless concepts, providing them with the best information, guidance, and counsel they can obtain.

The International Federation for Information Processing (IFIP) series publishes state-of-the-art results in the sciences and technologies of information and communication. The IFIP series encourages education and the dissemination and exchange of information on all aspects of computing. This particular volume presents the most up-to-date research findings from leading experts from around the world on information security education.

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.

"This book provides a valuable resource by addressing the most pressing issues facing cyber-security from both a national and global perspective"--Provided by publisher.

Syngress IT Security Project Management Handbook

Cyber Security Management

The Fifth Domain

Cyber Security and Global Information Assurance: Threat Analysis and Response Solutions

Building a Practical Information Security Program

Information Security Policies, Procedures, and Standards: A Practitioner's Reference gives you a blueprint on how to develop effective information security policies and procedures. It uses standards such as NIST 800-53, ISO 27001, and COBIT, and regulations such as HIPAA and PCI DSS as the foundation for the content. Highlighting key terminology, policy development concepts and methods, and suggested document structures, it includes examples, checklists, sample policies and procedures, guidelines, and a synopsis of the applicable standards. The author explains how and why procedures are developed and implemented rather than simply provide information and examples. This is an important distinction because no two organizations are exactly alike; therefore, no two sets of policies and procedures are going to be exactly alike. This approach provides the foundation and understanding you need to write effective policies, procedures, and standards clearly and concisely. Developing policies and procedures may seem to be an overwhelming task. However, by relying on the material presented in this book, adopting the policy development techniques, and examining the examples, the task will not seem so daunting. You can use the discussion material to help sell the concepts, which may be the most difficult aspect of the process. Once you have completed a policy or two, you will have the courage to take on even more tasks. Additionally, the skills you acquire will assist you in other areas of your professional and private life, such as expressing an idea clearly and concisely or creating a project plan.

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

Discover the latest trends, developments and technology in information security today with Whitman/Mattord's market-leading PRINCIPLES OF INFORMATION SECURITY, 7th Edition. Designed specifically to meet the needs of those studying information systems, 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 and digital forensics. Coverage of the most recent policies and guidelines that correspond to federal and international standards further prepare you for success both in information systems and as a business decision-maker. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Data processing, Computers, Management, Data security, Data storage protection, Risk assessment, Risk analysis, Data management, Information exchange, Business continuity, Anti-burglar measures, Documents, IT and Information Management: Information Security

An Introduction to Information Security

Cyber Security Awareness for CEOs and Management

Information Security Handbook

Protect to Enable

Information Security Risk Management

Updated annually to keep up with the increasingly fast pace of change in the field, the Information Security Management Handbook is the single most comprehensive and up-to-date resource on information security (IS) and assurance. Facilitating the up-to-date understanding required of all IS professionals, the Information Security Management Handbook, Sixth Edition, Volume 5 reflects the latest issues in information security and the CISSP® Common Body of Knowledge (CBK®). This edition updates the benchmark Volume 1 with a wealth of new information to help IS professionals address the challenges created by complex technologies and escalating threats to information security. Topics covered include chapters related to access control, physical security, cryptography, application security, operations security, and business continuity and disaster recovery planning. The updated edition of this bestselling reference provides cutting-edge reporting on mobile device security, adaptive threat defense, Web 2.0, virtualization, data leakage, governance, and compliance. Also available in a fully searchable CD-ROM format, it supplies you with the tools and understanding to stay one step ahead of evolving threats and ever-changing standards and regulations.

As part of the Syngress Basics series, The Basics of Information Security provides you with fundamental knowledge of information security in both theoretical and practical aspects. Author Jason Andress gives you the basic knowledge needed to understand the key concepts of confidentiality, integrity, and availability, and then dives into practical applications of these ideas in the areas of operational, physical, network, application, and operating system security. The Basics of Information Security gives you clear-non-technical explanations of how infosec works and how to apply these principles whether you're in the IT field or want to understand how it affects your career and business. The new Second Edition has been updated for the latest trends and threats, including new material on many infosec subjects. Learn about information security without wading through a huge textbook Covers both theoretical and practical aspects of information security Provides a broad view of the information security field in a concise manner All-new Second Edition updated for the latest information security trends and threats, including material on incident response, social engineering, security awareness, risk management, and legal/regulatory issues

Implement information security effectively as per your organization's needs. About This Book Learn to build your own information security framework, the best fit for your organization Build on the concepts of threat modeling, incidence response, and security analysis Practical use cases and best practices for information security Who This Book Is For This book is for security analysts and professionals who deal with security mechanisms in an organization. If you are looking for an end to end guide on information security and risk analysis with no prior knowledge of this domain, then this book is for you. What You Will Learn Develop your own information security framework Build your incident response mechanism Discover cloud security considerations Get to know the system development life cycle Get your security operation center up and running Know the various security testing types Balance security as per your business needs Implement information security best practices In Detail Having an information security mechanism is one of the most crucial factors for any organization. Important assets of organization demand a proper risk management and threat model for security, and so information security concepts are gaining a lot of traction. This book starts with the concept of information security and shows you why it's important. It then moves on to modules such as threat modeling, risk management, and mitigation. It also covers the concepts of incident response systems, information rights management, and more. Moving on, it guides you to build your own information security framework as the best fit for your organization. Toward the end, you'll discover some best practices that can be implemented to make your security framework strong. By the end of this book, you will be well-versed with all the factors involved in information security, which will help you build a security framework that is a perfect fit your organization's requirements. Style and approach This book takes a practical approach, walking you through information security fundamentals, along with information security best practices.

Providing a unique perspective from the center of the debates on end-to-end encryption, Moriarty explores emerging trends in both information security and transport protocol evolution, going beyond simply pointing out today’s problems to providing solutions for the future of our product space.

Practical Information Security Management

Threat Analysis and Response Solutions

The InfoSec Handbook

Defending Our Country, Our Companies, and Ourselves in the Age of Cyber Threats

How to Cheat at IT Project Management

Building a Practical Information Security Program provides users with a strategic view on how to build an information security program that aligns with business objectives. The information provided enables both executive management and IT managers not only to validate existing security programs, but also to build new business-driven security programs. In addition, the subject matter supports aspiring security engineers to forge a career path to successfully manage a security program, thereby adding value and reducing risk to the business. Readers learn how to translate technical challenges into business requirements, understand when to "go big or go home," explore in-depth defense strategies, and review tactics on when to absorb risks. This book explains how to properly plan and implement an infosec

program based on business strategy and results. Provides a roadmap on how to build a security program that will protect companies from intrusion Shows how to focus the security program on its essential mission and move past FUD (fear, uncertainty, and doubt) to provide business value Teaches how to build consensus with an effective business-focused program

The definitive work for IT professionals responsible for the management of the design, configuration, deployment, and maintenance of enterprise wide security projects. Provides specialized coverage of key project areas including Penetration Testing, Intrusion Detection and Prevention Systems, and Access Control Systems. The first and last word on managing IT security projects, this book provides the level of detail and content expertise required to competently handle highly complex security deployments. In most enterprises, be they corporate or governmental, these are generally the highest priority projects and the security of the entire business may depend on their success. * The first book devoted exclusively to managing IT security projects * Expert authors combine superb project management skills with in-depth coverage of highly complex security projects * By mastering the content in this book, managers will realise shorter schedules, fewer cost over runs, and successful deployments

Develop a threat model and incident response strategy to build a strong information security framework

Information Security Management Principles

Information Security Management Handbook on CD-ROM, 2006 Edition

Implementing an Information Security Management System