

Iso 27002 2013

Information is the currency of the information age and in many cases is the most valuable asset possessed by an organisation. Information security management is the discipline that focuses on protecting and securing these assets against the threats of natural disasters, fraud and other criminal activity, user error and system failure. This Management Guide provides an overview of the two international information security standards, ISO/IEC 27001 and ISO 27002. These standards provide a basis for implementing information security controls to meet an organisation's own business requirements as well as a set of controls for business relationships with other parties. This Guide provides: An introduction and overview to both the standards The background to the current version of the standards Links to other standards, such as ISO 9001, BS25999 and ISO 20000 Links to frameworks such as CobiT and ITIL Above all, this handy book describes how ISO 27001 and ISO 27002 interact to guide organizations in the development of best practice information security management systems.

Authored by an internationally recognized expert in the field, this expanded, timely second edition addresses all the critical information security management issues needed to help businesses protect their valuable assets. Professionals learn how to manage business risks, governance and compliance. This updated resource provides a clear guide to ISO/IEC 27000 security standards and their implementation, focusing on the recent ISO/IEC 27001. Moreover, readers are presented with practical and logical information on standard accreditation and certification. From information security management system (ISMS) business context, operations, and risk, to leadership and support, this invaluable book is your one-stop resource on the ISO/IEC 27000 series of standards.

Aligned with the latest iteration of the Standard – ISO 27001:2013 – this new edition of the original no-nonsense guide to successful ISO 27001 certification is ideal for anyone tackling ISO 27001 for the first time, and covers each element of the ISO 27001 project in simple, non-technical language

We constructing "Do-It-Yourself and Get Certified: Information Security Management Based on ISO 27001:2013" book to provide direction and illustration for organizations who need a workable framework and person who is interested to learn on how to implement information security management effectively in accordance with ISO/IEC 27001:2013 standard. This book is organized to provide step-by-step, comprehensive guidance and many examples for an organization who wants to adopt and implement the information security and wish to obtain certification of ISO/IEC 27001:2013. By providing all materials required in this book, we expect that you can DO IT YOURSELF the implementation of ISO/IEC 27001:2013 standard and GET CERTIFIED. Information security management implementation presented in this book is using Plan-Do-Check-Act (PDCA) cycle, which is a standard continuous improvement process model used by ISO.

Everything you need to know about information security programs and policies, in one book Clearly explains all facets of InfoSec program and policy planning, development, deployment, and management Thoroughly updated for today's challenges, laws, regulations, and best practices The perfect resource for anyone pursuing an information security management career ǂ In today's dangerous world, failures in information security can be catastrophic. Organizations must protect themselves. Protection begins with comprehensive, realistic policies. This up-to-date guide will help you create, deploy, and manage them. Complete and easy to understand, it explains key concepts and techniques through real-life examples. You'll master modern information security regulations and frameworks, and learn specific best-practice policies for key industry sectors, including finance, healthcare, online commerce, and small business. ǂ If you understand basic information security, you're ready to succeed with this book. You'll find projects, questions, exercises, examples, links to valuable easy-to-adapt information security policies...everything you need to implement a successful information security program. ǂ Learn how to ǂ Establish program objectives, elements, domains, and governance ǂ Understand policies, standards, procedures, guidelines, and plans—and the differences among them ǂ Write policies in "plain language," with the right level of detail ǂ Apply the Confidentiality, Integrity & Availability (CIA) security model ǂ Use NIST resources and ISO/IEC 27000-series standards ǂ Align security with business strategy ǂ Define, inventory, and classify your information and systems ǂ Systematically identify, prioritize, and manage InfoSec risks ǂ Reduce "people-related" risks with role-based Security Education, Awareness, and Training (SETA) ǂ Implement effective physical, environmental, communications, and operational security ǂ Effectively manage access control ǂ Secure the entire system development lifecycle ǂ Respond to incidents and ensure continuity of operations ǂ Comply with laws and regulations, including GLBA, HIPAA/HITECH, FISMA, state data security and notification rules, and PCI DSS ǂ

Information is one of your organisation's most important resources. Keeping that information secure is therefore vital to your business. This handy pocket guide is an essential overview of two key information security standards that cover the formal requirements (ISO27001:2013) for creating an Information Security Management System (ISMS), and the best-practice recommendations (ISO27002:2013) for those responsible for initiating, implementing or maintaining it.

Quickly understand the principles of information security.

Data processing, Computers, Management, Data security, Data storage protection, Anti-burglar measures, Information systems, Documents, Records (documents), Classification systems, Computer technology, Computer networks, Technical documents, Maintenance, Information exchange

Ideal for risk managers, information security managers, lead implementers, compliance managers and consultants, as well as providing useful background material for auditors, this book will enable readers to develop an ISO 27001-compliant risk assessment framework for their organisation and deliver real, bottom-line business benefits.

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 Learn Discover information safeguard methods Implement end-to-end information security Manage risk associated with information security Prepare for audit with associated roles and responsibilities Identify your information risk Protect your information assets Who 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.

Cybersecurity is vital for all businesses, regardless of sector. With constant threats and potential online dangers, businesses must remain aware of the current research and information available to them in order to protect themselves and their employees. Maintaining tight cybersecurity can be difficult for businesses as there are so many moving parts to

contend with, but remaining vigilant and having protective measures and training in place is essential for a successful company. The Research Anthology on Business Aspects of Cybersecurity considers all emerging aspects of cybersecurity in the business sector including frameworks, models, best practices, and emerging areas of interest. This comprehensive reference source is split into three sections with the first discussing audits and risk assessments that businesses can conduct to ensure the security of their systems. The second section covers training and awareness initiatives for staff that promotes a security culture. The final section discusses software and systems that can be used to secure and manage cybersecurity threats. Covering topics such as audit models, security behavior, and insider threats, it is ideal for businesses, business professionals, managers, security analysts, IT specialists, executives, academicians, researchers, computer engineers, graduate students, and practitioners.

Van Haren Publishing is the world's leading publisher in best practice, methods and standards within IT Management, Project Management, Enterprise Architecture and Business Management. We are the official publisher for some of the world's leading organizations and their frameworks including: The Open Group [TOGAF], IPMA-NL, ITSqc [eSCM Models], GamingWorks [ABC of ICT], ASL BiSL Foundation, IAOP®, IACCM, CRP Henri Tudor and PMI NL. This catalog will provide you with an overview of our most popular and upcoming titles, but also gives you a quality summary on internationally relevant frameworks. Van Haren Publishing is an independent, worldwide recognized publisher, well known for our extensive professional network (authors, reviewers and accreditation bodies of standards), flexibility and years of experience. We make content available in hard copy and digital formats, designed to suit your personal preference (iPad, Kindle and online), available through over 50 distribution partners (Amazon, Google Play, Barnes & Noble, Managementboek and Bol.com, etc.) and over 700 outlets worldwide. Free whitepapers are available in our eKnowledge, with a licence for our eLibrary you can download all our eBooks within your area of expertise and in our eShop you can place your order in your favorite media format: hard copy or eBook.

As the sophistication of cyber-attacks increases, understanding how to defend critical infrastructure systems—energy production, water, gas, and other vital systems—becomes more important, and heavily mandated. Industrial Network Security, Second Edition arms you with the knowledge you need to understand the vulnerabilities of these distributed supervisory and control systems. The book examines the unique protocols and applications that are the foundation of industrial control systems, and provides clear guidelines for their protection. This how-to guide gives you thorough understanding of the unique challenges facing critical infrastructures, new guidelines and security measures for critical infrastructure protection, knowledge of new and evolving security tools, and pointers on SCADA protocols and security implementation. All-new real-world examples of attacks against control systems, and more diagrams of systems
Expanded coverage of protocols such as 61850, Ethernet/IP, CIP, ISA-99, and the evolution to IEC62443 Expanded coverage of Smart Grid security New coverage of signature-based detection, exploit-based vs. vulnerability-based detection, and signature reverse engineering

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.

PART OF THE JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES

Revised and updated with the latest data in the field, the Second Edition of Managing Risk in Information Systems provides a comprehensive overview of the SSCP(r) Risk, Response, and Recovery Domain in addition to providing a thorough overview of risk management and its implications on IT infrastructures and compliance. Written by industry experts, and using a wealth of examples and exercises, this book incorporates hands-on activities to walk the reader through the fundamentals of risk management, strategies and approaches for mitigating risk, and the anatomy of how to create a plan that reduces risk. Instructor's Material for Managing Risk in Information Systems include: PowerPoint Lecture Slides Instructor's Guide Course Syllabus Quiz & Exam Questions Case Scenarios/Handouts

This book is intended for everyone in an organization who wishes to have a basic understanding of information security. Knowledge about information security is important to all employees. It makes no difference if you work in a profit- or non-profit organization because the risks that organizations face are similar for all organizations. It clearly explains the approaches that most organizations can consider and implement which helps turn Information Security management into an approachable, effective and well-understood tool. It covers: The quality requirements an organization may have for information; The risks associated with these quality requirements; The countermeasures that are necessary to mitigate

these risks; Ensuring business continuity in the event of a disaster; When and whether to report incidents outside the organization. The information security concepts in this revised edition are based on the ISO/IEC27001:2013 and ISO/IEC27002:2013 standards. But the text also refers to the other relevant international standards for information security. The text is structured as follows: Fundamental Principles of Security and Information security and Risk management. Architecture, processes and information, needed for basic understanding of what information security is about. Business Assets are discussed. Measures that can be taken to protect information assets. (Physical measures, technical measures and finally the organizational measures.) The primary objective of this book is to achieve awareness by students who want to apply for a basic information security examination. It is a source of information for the lecturer who wants to question information security students about their knowledge. Each chapter ends with a case study. In order to help with the understanding and coherence of each subject, these case studies include questions relating to the areas covered in the relevant chapters. Examples of recent events that illustrate the vulnerability of information are also included. This book is primarily developed as a study book for anyone who wants to pass the ISFS (Information Security Foundation) exam of EXIN. In an appendix an ISFS model exam is given, with feedback to all multiple choice options, so that it can be used as a training for the real ISFS exam.

This is the first digital forensics book that covers the complete lifecycle of digital evidence and the chain of custody. This comprehensive handbook includes international procedures, best practices, compliance, and a companion web site with downloadable forms. Written by world-renowned digital forensics experts, this book is a must for any digital forensics lab. It provides anyone who handles digital evidence with a guide to proper procedure throughout the chain of custody--from incident response through analysis in the lab. A step-by-step guide to designing, building and using a digital forensics lab. A comprehensive guide for all roles in a digital forensics laboratory Based on international standards and certifications Information is the currency of the information age and in many cases is the most valuable asset possessed by an organisation. Information security management is the discipline that focuses on protecting and securing these assets against the threats of natural disasters, fraud and other criminal activity, user error and system failure. Effective information security can be defined as the 'preservation of confidentiality, integrity and availability of information.' This book describes the approach taken by many organisations to realise these objectives. It discusses how information security cannot be achieved through technological means alone, but should include factors such as the organisation's approach to risk and pragmatic day-to-day business operations. This Management Guide provides an overview of the implementation of an Information Security Management System that conforms to the requirements of ISO/IEC 27001:2005 and which uses controls derived from ISO/IEC 17799:2005. It covers the following: Certification Risk Documentation and Project Management issues Process approach and the PDCA cycle Preparation for an Audit Currently, most organizations are dependent on IS/ICT in order to support their business strategies. IS/ICT can promote the implementation of strategies and enhancers of optimization of the various aspects of the business. In market enterprises and social organizations, digital economy and ICTs are important tools that can empower social entrepreneurship initiatives to develop, fund, and implement new and innovative solutions to social, cultural, and environmental problems. The Handbook of Research on Multidisciplinary Approaches to Entrepreneurship, Innovation, and ICTs is an essential reference source that discusses the digitalization techniques of the modern workforce as well as important tools empowering social entrepreneurship initiatives. Featuring research on topics such as agile business analysis, multicultural workforce, and human resource management, this book is ideally designed for business managers, entrepreneurs, IT consultants, researchers, industry professionals, human resource consultants, academicians, and students.

Specifically oriented to the needs of information systems students, **PRINCIPLES OF INFORMATION SECURITY, 5e** delivers the latest technology and developments from the field. Taking a managerial approach, this bestseller teaches all the aspects of information security-not just the technical control perspective. It provides a broad review of the entire field of information security, background on many related elements, and enough detail to facilitate understanding of the topic. It covers the terminology of the field, the history of the discipline, and an overview of how to manage an information security program. Current and relevant, the fifth edition includes the latest practices, fresh examples, updated material on technical security controls, emerging legislative issues, new coverage of digital forensics, and hands-on application of ethical issues in IS security. It is the ultimate resource for future business decision-makers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

For many companies, their intellectual property can often be more valuable than their physical assets. Having an effective IT governance strategy in place can protect this intellectual property, reducing the risk of theft and infringement. Data protection, privacy and breach regulations, computer misuse around investigatory powers are part of a complex and often competing range of requirements to which directors must respond. There is increasingly the need for an overarching information security framework that can provide context and coherence to compliance activity worldwide. IT Governance is a key resource for forward-thinking managers and executives at all levels, enabling them to understand how decisions about information technology in the organization should be made and monitored, and, in particular, how information security risks are best dealt with. The development of IT governance - which recognises the convergence between business practice and IT management - makes it essential for managers at all levels, and in organizations of all sizes, to understand how best to deal with information security risk. The new edition has been full updated to take account of the latest regulatory and technological developments, including the creation of the International Board for IT Governance Qualifications. IT Governance also includes new material on key international markets - including the UK and the US, Australia and South Africa.

Do you clarify nondisclosure requirements that remain valid? Do you ensure that agreements comply with your security

policies? Do you clarify how information processing facilities are protected? Do you teach people about your information security controls? Do you assign responsibility for handling information security incidents? This one-of-a-kind ISO IEC 27002 2013 self-assessment will make you the principal ISO IEC 27002 2013 domain standout by revealing just what you need to know to be fluent and ready for any ISO IEC 27002 2013 challenge. How do I reduce the effort in the ISO IEC 27002 2013 work to be done to get problems solved? How can I ensure that plans of action include every ISO IEC 27002 2013 task and that every ISO IEC 27002 2013 outcome is in place? How will I save time investigating strategic and tactical options and ensuring ISO IEC 27002 2013 costs are low? How can I deliver tailored ISO IEC 27002 2013 advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all ISO IEC 27002 2013 essentials are covered, from every angle: the ISO IEC 27002 2013 self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that ISO IEC 27002 2013 outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced ISO IEC 27002 2013 practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in ISO IEC 27002 2013 are maximized with professional results. Your purchase includes access details to the ISO IEC 27002 2013 self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific ISO IEC 27002 2013 Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Faced with the compliance requirements of increasingly punitive information and privacy-related regulation, as well as the proliferation of complex threats to information security, there is an urgent need for organizations to adopt IT governance best practice. IT Governance is a key international resource for managers in organizations of all sizes and across industries, and deals with the strategic and operational aspects of information security. Now in its seventh edition, the bestselling IT Governance provides guidance for companies looking to protect and enhance their information security management systems (ISMS) and protect themselves against cyber threats. The new edition covers changes in global regulation, particularly GDPR, and updates to standards in the ISO/IEC 27000 family, BS 7799-3:2017 (information security risk management) plus the latest standards on auditing. It also includes advice on the development and implementation of an ISMS that will meet the ISO 27001 specification and how sector-specific standards can and should be factored in. With information on risk assessments, compliance, equipment and operations security, controls against malware and asset management, IT Governance is the definitive guide to implementing an effective information security management and governance system.

Ideal for information security managers, auditors, consultants and organisations preparing for ISO 27001 certification, this book will help readers understand the requirements of an ISMS (information security management system) based on ISO 27001.

All the Knowledge You Need to Build Cybersecurity Programs and Policies That Work Clearly presents best practices, governance frameworks, and key standards Includes focused coverage of healthcare, finance, and PCI DSS compliance An essential and invaluable guide for leaders, managers, and technical professionals Today, cyberattacks can place entire organizations at risk. Cybersecurity can no longer be delegated to specialists: success requires everyone to work together, from leaders on down. Developing Cybersecurity Programs and Policies offers start-to-finish guidance for establishing effective cybersecurity in any organization. Drawing on more than 20 years of real-world experience, Omar Santos presents realistic best practices for defining policy and governance, ensuring compliance, and collaborating to harden the entire organization. First, Santos shows how to develop workable cybersecurity policies and an effective framework for governing them. Next, he addresses risk management, asset management, and data loss prevention, showing how to align functions from HR to physical security. You'll discover best practices for securing communications, operations, and access; acquiring, developing, and maintaining technology; and responding to incidents. Santos concludes with detailed coverage of compliance in finance and healthcare, the crucial Payment Card Industry Data Security Standard (PCI DSS) standard, and the NIST Cybersecurity Framework. Whatever your current responsibilities, this guide will help you plan, manage, and lead cybersecurity—and safeguard all the assets that matter. Learn How To · Establish cybersecurity policies and governance that serve your organization's needs · Integrate cybersecurity program components into a coherent framework for action · Assess, prioritize, and manage security risk throughout the organization · Manage assets and prevent data loss · Work with HR to address human factors in cybersecurity · Harden your facilities and physical environment · Design effective policies for securing communications, operations, and access · Strengthen security throughout the information systems lifecycle · Plan for quick, effective incident response and ensure business continuity · Comply with rigorous regulations in finance and healthcare · Plan for PCI compliance to safely process payments · Explore and apply the guidance provided by the NIST Cybersecurity Framework

Information is crucial for the continuity and proper functioning of both individual organizations and the economies they fuel; this information must be protected against access by unauthorized people, protected against accidental or malicious modification or destruction and must be available when it is needed. The EXIN Information Security Management (based

on ISO/IEC 27001) certification program consist out of three Modules: Foundation, Professional and Expert. This book is the officially by Exin accredited courseware for the Information Security Management Professional training. It includes: • Trainer presentation handout • Sample exam questions • Practical assignments • Exam preparation guide • Summary of ISO/IEC 27001:2013 The module Information Security Management Professional based on ISO/IEC 27001 tests understanding of the organizational and managerial aspects of information security. The subjects of this module are Information Security Perspectives (business, customer, and the service provider) Risk Management (Analysis of the risks, choosing controls, dealing with remaining risks) and Information Security Controls (organizational, technical and physical controls). The program and this courseware are intended for everyone who is involved in the implementation, evaluation, and reporting of an information security program, such as an Information Security Manager (ISM), Information Security Officer (ISO) or a Line Manager, Process Manager or Project Manager with security responsibilities. Basic knowledge of Information Security is recommended, for instance through the EXIN Information Security Foundation based on ISO/IEC 27001 certification.

Drawing on international best practice, including ISO/IEC 27005, NIST SP800-30 and BS7799-3, the book explains in practical detail how to carry out an information security risk assessment. It covers key topics, such as risk scales, threats and vulnerabilities, selection of controls, and roles and responsibilities, and includes advice on choosing risk assessment software.

Fully updated Study Guide for the SSCP This guide prepares you for the SSCP, Systems Security Certified Practitioner certification examination by focusing on the Common Body of Knowledge (CBK) as determined by ISC2 in seven high level topics. This Sybex Study Guide covers 100% of all exam objectives. You'll prepare for the exam smarter and faster with Sybex thanks to expert content, real-world practice, access to the Sybex online interactive learning environment and much more. Reinforce what you've learned with key topic exam essentials and chapter review questions. Along with the book you also get access to Sybex's superior online interactive learning environment that includes: 125 question practice exam to help you identify where you need to study more. Get more than 90 percent of the answers correct, you're ready to take the certification exam. More than 100 Electronic Flashcards to reinforce your learning and give you last minute test prep before the exam A searchable glossary in PDF to give you instant access to the key terms you need to know for the exam Appendix of charts, tables, typical applications, and programs Coverage of all of the exam topics in the book means you'll be ready for: Access Controls Security Operations and Administration Risk Identification, Monitoring and Analysis Incident Response and Recovery Cryptography Network and Communications Security Systems and Application Security

The Complete Guide to Cybersecurity Risks and Controls presents the fundamental concepts of information and communication technology (ICT) governance and control. In this book, you will learn how to create a working, practical control structure that will ensure the ongoing, day-to-day trustworthiness of ICT systems and data. The book explains how to establish systematic control functions and timely reporting procedures within a standard organizational framework and how to build auditable trust into the routine assurance of ICT operations. The book is based on the belief that ICT operation is a strategic governance issue rather than a technical concern. With the exponential growth of security breaches and the increasing dependency on external business partners to achieve organizational success, the effective use of ICT governance and enterprise-wide frameworks to guide the implementation of integrated security controls are critical in order to mitigate data theft. Surprisingly, many organizations do not have formal processes or policies to protect their assets from internal or external threats. The ICT governance and control process establishes a complete and correct set of managerial and technical control behaviors that ensures reliable monitoring and control of ICT operations. The body of knowledge for doing that is explained in this text. This body of knowledge process applies to all operational aspects of ICT responsibilities ranging from upper management policy making and planning, all the way down to basic technology operation.

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Information is one of your organisation's most important resources. Keeping that information secure is therefore vital to your business. This handy pocket guide is an essential overview of two key information security standards that cover the formal requirements (ISO27001:2013) for creating an Information Security Management System (ISMS), and the best-

practice recommendations (ISO27002:2013) for those responsible for initiating, implementing or maintaining it. Globally recognized and backed by the Cloud Security Alliance (CSA) and the (ISC)2 the CCSP credential is the ideal way to match marketability and credibility to your cloud security skill set. The Official (ISC)2 Guide to the CCSPSM CBK Second Edition is your ticket for expert insight through the 6 CCSP domains. You will find step-by-step guidance through real-life scenarios, illustrated examples, tables, best practices, and more. This Second Edition features clearer diagrams as well as refined explanations based on extensive expert feedback. Sample questions help you reinforce what you have learned and prepare smarter. Numerous illustrated examples and tables are included to demonstrate concepts, frameworks and real-life scenarios. The book offers step-by-step guidance through each of CCSP's domains, including best practices and techniques used by the world's most experienced practitioners. Developed by (ISC)2, endorsed by the Cloud Security Alliance® (CSA) and compiled and reviewed by cloud security experts across the world, this book brings together a global, thorough perspective. The Official (ISC)2 Guide to the CCSP CBK should be utilized as your fundamental study tool in preparation for the CCSP exam and provides a comprehensive reference that will serve you for years to come.

Application Security in the ISO 27001:2013 Environment explains how organisations can implement and maintain effective security practices to protect their web applications – and the servers on which they reside – as part of a wider information security management system by following the guidance set out in the international standard for information security management, ISO 27001. The book describes the methods used by criminal hackers to attack organisations via their web applications and provides a detailed explanation of how you can combat such attacks by employing the guidance and controls set out in ISO 27001. Product overviewSecond edition, updated to reflect ISO 27001:2013 as well as best practices relating to cryptography, including the PCI SSC's denigration of SSL in favour of TLS.Provides a full introduction to ISO 27001 and information security management systems, including implementation guidance.Describes risk assessment, management and treatment approaches.Examines common types of web app security attack, including injection attacks, cross-site scripting, and attacks on authentication and session management, explaining how each can compromise ISO 27001 control objectives and showing how to test for each attack type.Discusses the ISO 27001 controls relevant to application security.Lists useful web app security metrics and their relevance to ISO 27001 controls.Provides a four-step approach to threat profiling, and describes application security review and testing approaches.Sets out guidelines and the ISO 27001 controls relevant to them, covering:input validationauthenticationauthorisationsensitive data handling and the use of TLS rather than SSLsession managementerror handling and loggingDescribes the importance of security as part of the web app development process

This book focuses on the vulnerabilities of state and local services to cyber-threats and suggests possible protective action that might be taken against such threats. Cyber-threats to U.S. critical infrastructure are of growing concern to policymakers, managers and consumers. Information and communications technology (ICT) is ubiquitous and many ICT devices and other components are interdependent; therefore, disruption of one component may have a negative, cascading effect on others. Cyber-attacks might include denial of service, theft or manipulation of data. Damage to critical infrastructure through a cyber-based attack could have a significant impact on the national security, the economy, and the livelihood and safety of many individual citizens. Traditionally cyber security has generally been viewed as being focused on higher level threats such as those against the internet or the Federal government. Little attention has been paid to cyber-security at the state and local level. However, these governmental units play a critical role in providing services to local residents and consequently are highly vulnerable to cyber-threats. The failure of these services, such as waste water collection and water supply, transportation, public safety, utility services, and communication services, would pose a great threat to the public. Featuring contributions from leading experts in the field, this volume is intended for state and local government officials and managers, state and Federal officials, academics, and public policy specialists.

Presents the compelling business case for implementing ISO27001:2013 to protect your information assets. Perfect for supporting an ISO27001 project proposal.

Information Security based on ISO 27001/ISO 27002Van Haren

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