ISO27002 A Pocket Guide Second Edition: 2013

IT Governance

A musically accessible album steeped in magical ritual and otherworldliness. Exploring the rich roots of ancient religious practices across the African diaspora. Includes bonus CD by Erot Josue.

Information Security Risk Management for ISO 27001/ISO 27002, third edition

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.

Information Security Risk Management for ISO 27001/ISO 27002

Understand ISO-aligned risk management and learn how to apply key assessment and control methodologies. Key Features Detailed breakdown of the ISO risk process into manageable stages Coverage of both qualitative and quantitative risk assessment approaches Actionable strategies and tools for gap analysis and control selection Book DescriptionThis guide navigates through the essential processes of risk management within an ISO 27001/27002 framework. Beginning with foundational principles and methodologies, it systematically details every stage from assessment and analysis to treatment and review. Readers will learn how to apply both qualitative and quantitative techniques to measure impact, likelihood, and risk levels accurately. The book provides clarity on roles, policies, asset classification, and control selection, reinforced by practical tools like gap analysis and risk assessment software. Real-world scenarios and methodologies are contextualized for effective decision-making aligned with international compliance standards. By the end, readers will possess a comprehensive understanding of implementing and sustaining a risk management system that meets ISO 27001/27002 requirements, enabling them to better safeguard information assets and demonstrate regulatory accountability.What you will learn Identify phases of information risk management clearly Distinguish qualitative and quantitative risk analysis Define security risk management objectives precisely Assign clear roles in ISO 27001-based risk processes Apply various risk assessment software tools effectively Categorize assets and evaluate their business value Who this book is for This book is ideal for IT security professionals, compliance officers, auditors, and project managers tasked with implementing ISO 27001/27002. Readers should have a basic understanding of information security principles and organizational risk. Familiarity with ISO standards or prior audit experience is recommended.

Information Security Fundamentals

Effective security rules and procedures do not exist for their own sake-they are put in place to protect critical assets, thereby supporting overall business objectives. Recognizing security as a business enabler is the first step in building a successful program. Information Security Fundamentals allows future security professionals to gain a solid understanding of the foundations of the field and the entire range of issues that practitioners must address. This book enables students to understand the key elements that comprise a successful information security program and eventually apply these concepts to their own efforts. The book examines the elements of computer security, employee roles and responsibilities, and common threats. It examines the need for management controls, policies and procedures, and risk analysis, and also presents a comprehensive list of tasks and objectives that make up a typical information protection program. The volume discusses organizationwide policies and their documentation, and legal and business requirements. It

explains policy format, focusing on global, topic-specific, and application-specific policies. Following a review of asset classification, the book explores access control, the components of physical security, and the foundations and processes of risk analysis and risk management. Information Security Fundamentals concludes by describing business continuity planning, including preventive controls, recovery strategies, and ways to conduct a business impact analysis.

ISO27001 / ISO27002

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.

Security Program and Policies

This is a complete, up-to-date, hands-on guide to creating effective information security policies and procedures. It introduces essential security policy concepts and their rationale, thoroughly covers information security regulations and frameworks, and presents best-practice policies specific to industry sectors, including finance, healthcare and small business. Ideal for classroom use, it covers all facets of Security Education, Training & Awareness (SETA), illuminates key concepts through real-life examples.

Information Security Handbook

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.

ISO 27001 Controls - A Guide to Implementing and Auditing

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.

Research Anthology on Artificial Intelligence Applications in Security

As industries are rapidly being digitalized and information is being more heavily stored and transmitted online, the security of information has become a top priority in securing the use of online networks as a safe and effective platform. With the vast and diverse potential of artificial intelligence (AI) applications, it has become easier than ever to identify cyber vulnerabilities, potential threats, and the identification of solutions to these unique problems. The latest tools and technologies for AI applications have untapped potential that conventional systems and human security systems cannot meet, leading AI to be a frontrunner in the fight against malware, cyber-attacks, and various security issues. However, even with the tremendous progress AI has made within the sphere of security, it’s important to understand the impacts, implications, and critical issues and challenges of AI applications along with the many benefits and emerging trends in this essential field of security-based research. Research Anthology on Artificial Intelligence Applications in Security seeks to address the fundamental advancements and technologies being used in AI applications for the security of digital data and information. The included chapters cover a wide range of topics related to AI in security stemming from the development and design of these applications, the latest tools and technologies, as well as the utilization of AI and what challenges and impacts have been discovered along the way. This resource work is a critical exploration of the latest research on security and an overview of how AI has impacted the field and will continue to advance as an essential tool for security, safety, and privacy online. This book is ideally intended for cyber security analysts, computer engineers, IT specialists, practitioners, stakeholders, researchers, academicians, and students interested in AI applications in the realm of security research.

Cloud Security and Privacy

You may regard cloud computing as an ideal way for your company to control IT costs, but do you know how private and secure this service really is? Not many people do. With Cloud Security and Privacy, you'll learn what's at stake when you trust your data to the cloud, and what you can do to keep your virtual infrastructure and web applications secure. Ideal for IT staffers, information security and privacy practitioners, business managers, service providers, and investors alike, this book offers you sound advice from three well-known authorities in the tech security world. You'll learn detailed information on cloud computing security that-until now-has been sorely lacking. Review the current state of data security and storage in the cloud, including confidentiality, integrity, and availability Learn about the identity and access management (IAM) practice for authentication, authorization, and auditing of the users accessing cloud services Discover which security management frameworks and standards are relevant for the cloud Understand the privacy aspects you need to consider in the cloud, including how they compare with traditional computing models Learn the importance of audit and compliance functions within the cloud, and the various standards and frameworks to consider Examine security delivered as a service-a different facet of cloud security

CISA Certified Information Systems Auditor Study Guide

The ultimate CISA prep guide, with practice exams Sybex's CISA: Certified Information Systems Auditor Study Guide, Fourth Edition is the newest edition of industry-leading study guide for the Certified Information System Auditor exam, fully updated to align with the latest ISACA standards and changes in IS auditing. This new edition provides complete guidance toward all content areas, tasks, and knowledge areas of the exam and is illustrated with real-world examples. All CISA terminology has been revised to reflect the most recent interpretations, including 73 definition and nomenclature changes. Each chapter summary highlights the most important topics on which you'll be tested, and review questions help you gauge your understanding of the material. You also get access to electronic flashcards, practice exams, and the Sybex test engine for comprehensively thorough preparation. For those who audit, control, monitor, and assess enterprise IT and business systems, the CISA certification signals knowledge, skills, experience, and credibility that delivers value to a business. This study guide gives you the advantage of detailed explanations from a real-world perspective, so you can go into the exam fully prepared. Discover how much you already know by beginning with an assessment test Understand all content, knowledge, and tasks covered by the

CISA exam Get more in-depths explanation and demonstrations with an all-new training video Test your knowledge with the electronic test engine, flashcards, review questions, and more The CISA certification has been a globally accepted standard of achievement among information systems audit, control, and security professionals since 1978. If you're looking to acquire one of the top IS security credentials, CISA is the comprehensive study guide you need.

Information Security Management Principles

In today's 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. The second edition includes the security of cloud-based resources and the contents have been revised to reflect the changes to the BCS Certification in Information Security Management Principles which the book supports.

Deployment Guide for InfoSphere Guardium

IBM® InfoSphere® Guardium® provides the simplest, most robust solution for data security and data privacy by assuring the integrity of trusted information in your data center. InfoSphere Guardium helps you reduce support costs by automating the entire compliance auditing process across heterogeneous environments. InfoSphere Guardium offers a flexible and scalable solution to support varying customer architecture requirements. This IBM Redbooks® publication provides a guide for deploying the Guardium solutions. This book also provides a roadmap process for implementing an InfoSphere Guardium solution that is based on years of experience and best practices that were collected from various Guardium experts. We describe planning, installation, configuration, monitoring, and administrating an InfoSphere Guardium environment. We also describe use cases and how InfoSphere Guardium integrates with other IBM products. The guidance can help you successfully deploy and manage an IBM InfoSphere Guardium system. This book is intended for the system administrators and support staff who are responsible for deploying or supporting an InfoSphere Guardium environment.

NIST Cybersecurity Framework: A pocket guide

This pocket guide serves as an introduction to the National Institute of Standards and Technology (NIST) and to its Cybersecurity Framework (CSF). This is a US focused product. Now more than ever, organizations need to have a strong and flexible cybersecurity strategy in place in order to both protect themselves and be able to continue business in the event of a successful attack. The NIST CSF is a framework for organizations to manage and mitigate cybersecurity risk based on existing standards, guidelines, and practices. With this pocket guide you can: Adapt the CSF for organizations of any size to implementEstablish an entirely new cybersecurity program, improve an existing one, or simply provide an opportunity to review your cybersecurity practicesBreak down the CSF and understand how other frameworks, such as ISO 27001 and ISO 22301, can integrate into your cybersecurity framework By implementing the CSF in accordance with their needs, organizations can manage cybersecurity risks in the most cost-effective way possible, maximizing the return on investment in the organization’s security. This pocket guide also aims to help you take a structured, sensible, risk-based approach to cybersecurity.

Implementing the ISO/IEC 27001:2013 ISMS Standard

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.

Developing Cybersecurity Programs and Policies

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

Foundations of Information Security Based on ISO27001 and ISO27002 - 3rd revised edition

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.

CompTIA Security+ Study Guide

Some copies of CompTIA Security+ Study Guide: Exam SY0-501 (9781119416876) were printed without discount exam vouchers in the front of the books. If you did not receive a discount exam voucher with your book, please visit http://media.wiley.com/product_ancillary/5X/11194168/DOWNLOAD/CompTIA_Coupon.pdf to download one. Expert preparation covering 100% of Security+ exam SY0-501 objectives CompTIA Security+ Study Guide, Seventh Edition offers invaluable preparation for Exam SY0-501. Written by an expert author team, this book covers 100% of the exam objectives with clear, concise explanation. You'll learn how to handle threats, attacks, and vulnerabilities using industry-standard tools and technologies, while understanding the role of architecture and design. From everyday tasks like identity and access management to complex topics like risk management and cryptography, this study guide helps you consolidate your knowledge base in preparation for the Security+ exam. Practical examples illustrate how these processes play out in real-world scenarios, allowing you to immediately translate essential concepts to on-the-job application. You also gain access to the Sybex online learning environment, which features a robust toolkit for more thorough prep: flashcards, glossary of key terms, practice questions, and a pre-assessment exam equip you with everything you need to enter the exam confident in your skill set. This study guide is approved and endorsed by CompTIA, and has been fully updated to align with the latest version of the exam. Master essential security technologies, tools, and tasks Understand how Security+ concepts are applied in the real world Study on the go with electronic flashcards and more Test your knowledge along the way with hundreds of practice questions To an employer, the CompTIA Security+ certification proves that you have the knowledge base and skill set to secure applications, devices, and networks; analyze and respond to threats; participate in risk mitigation, and so much more. As data threats loom larger every day, the demand for qualified security professionals will only continue to grow. If you're ready to take the first step toward a rewarding career, CompTIA Security+ Study Guide, Seventh Edition is the ideal companion for thorough exam preparation.

Cloud Security

Well-known security experts decipher the most challenging aspect of cloud computing-security Cloud computing allows for both large and small organizations to have the opportunity to use Internet-based services so that they can reduce start-up costs, lower capital expenditures, use services on a pay-as-you-use basis, access applications only as needed, and quickly reduce or increase capacities. However, these benefits are accompanied by a myriad of security issues, and this valuable book tackles the most common security challenges that cloud computing faces. The authors offer you years of unparalleled expertise and knowledge as they discuss the extremely challenging topics of data ownership, privacy protections, data mobility, quality of service and service levels, bandwidth costs, data protection, and support. As the most current and complete guide to helping you find your way through a maze of security minefields, this book is mandatory reading if you are involved in any aspect of cloud computing. Coverage Includes: Cloud Computing Fundamentals Cloud Computing Architecture Cloud Computing Software Security Fundamentals Cloud Computing Risks Issues Cloud Computing Security Challenges Cloud Computing Security Architecture Cloud Computing Life Cycle Issues Useful Next Steps and Approaches

TOGAF® Version 9.1

TOGAF is a framework - a detailed method and a set of supporting tools - for developing an enterprise architecture, developed by members of The Open Group Architecture Forum. TOGAF Version 9.1 is a maintenance update to TOGAF 9, addressing comments raised since the introduction of TOGAF 9 in 2009. It retains the major features and structure of TOGAF 9, thereby preserving existing investment in TOGAF, and adds further detail and clarification to what is already proven.It may be used freely by any organization

wishing to develop an enterprise architecture for use within that organization (subject to the Conditions of Use). This Book is divided into seven parts: Part I - Introduction This part provides a high-level introduction to the key concepts of enterprise architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout TOGAF and release notes detailing the changes between this version and the previous version of TOGAF. Part II - Architecture Development Method This is the core of TOGAF. It describes the TOGAF Architecture Development Method (ADM) – a step-by-step approach to developing an enterprise architecture. Part III - ADM Guidelines & Techniques This part contains a collection of guidelines and techniques available for use in applying TOGAF and the TOGAF ADM. Part IV - Architecture Content Framework This part describes the TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable architecture building blocks, and an overview of typical architecture deliverables. Part V - Enterprise Continuum & Tools This part discusses appropriate taxonomies and tools to categorize and store the outputs of architecture activity within an enterprise. Part VI - TOGAF Reference Models This part provides a selection of architectural reference models, which includes the TOGAF Foundation Architecture, and the Integrated Information Infrastructure Reference Model (III-RM). Part VII Architecture Capability Framework This section looks at roles, Governance, compliance skills and much more practical guidance

IT Governance

Information is widely regarded as the lifeblood of modern business, but organizations are facing a flood of threats to such “intellectual capital” from hackers, viruses, and online fraud. Directors must respond to increasingly complex and competing demands regarding data protection, privacy regulations, computer misuse, and investigatory regulations. IT Governance will be valuable to board members, executives, owners and managers of any business or organization that depends on information. Covering the Sarbanes-Oxley Act (in the US) and the Turnbull Report and the Combined Code (in the UK), the book examines standards of best practice for compliance and data security. Written for companies looking to protect and enhance their information security management systems, it allows them to ensure that their IT security strategies are coordinated, coherent, comprehensive and cost effective.

Principles of Information Security

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.

IT Governance

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.

Information Security Based on ISO 27001/ISO 17799

Looking at IT Security management with reference to ISO standards that organizations use to demonstrate compliance with recommended best practice, this guide provides a framework for international best practice in Information Security Management and systems interoperability.

National cyber security : framework manual

\"What, exactly, is 'National Cyber Security'? The rise of cyberspace as a field of human endeavour is probably nothing less than one of the most significant developments in world history. Cyberspace already directly impacts every facet of human existence including economic, social, cultural and political developments, and the rate of change is not likely to stop anytime soon. However, the socio-political answers to the questions posed by the rise of cyberspace often significantly lag behind the rate of technological change. One of the fields most challenged by this development is that of 'national security'. The National Cyber Security Framework Manual provides detailed background information and in-depth theoretical frameworks to help the reader understand the various facets of National Cyber Security, according to different levels of public policy formulation. The four levels of government--political, strategic, operational and tactical/technical--each have their own perspectives on National Cyber Security, and each is addressed in individual sections within the Manual. Additionally, the Manual gives examples of relevant institutions in National Cyber Security, from top-level policy coordination bodies down to cyber crisis management structures and similar institutions.\"--Page 4 of cover.

Iso27001/Iso27002 a Pocket Guide

This helpful, handy ISO27001/ISO27002 pocket guide gives a useful overview of these two important information security standards.

Cybersecurity and Privacy Law Handbook

Get to grips with cybersecurity and privacy laws to protect your company's data and comply with international privacy standards Key FeaturesComply with cybersecurity standards and protect your data from hackersFind the gaps in your company's security posture with gap analysis and business impact analysisUnderstand what you need to do with security and privacy without needing to pay consultantsBook Description Cybercriminals are incessantly coming up with new ways to compromise online systems and wreak havoc, creating an ever-growing need for cybersecurity practitioners in every organization across the globe who understand international security standards, such as the ISO27k family of standards. If you're looking to ensure that your company's data conforms to these standards, Cybersecurity and Privacy Law Handbook has got you covered. It'll not only equip you with the rudiments of cybersecurity but also guide you through privacy laws and explain how you can ensure compliance to protect yourself from cybercrime and avoid the hefty fines imposed for non-compliance with standards. Assuming that you're new to the field, this book starts by introducing cybersecurity frameworks and concepts used throughout the chapters. You'll understand why privacy is paramount and how to find the security gaps in your company's systems. There's a practical element to the book as well—you'll prepare policies and procedures to prevent your company from being breached. You'll complete your learning journey by exploring cloud security and the complex nature of privacy laws in the US. By the end of this cybersecurity book, you'll be well-placed to protect your company's data and comply with the relevant standards. What you will learnStrengthen the cybersecurity

posture throughout your organizationUse both ISO27001 and NIST to make a better security frameworkUnderstand privacy laws such as GDPR, PCI CSS, HIPAA, and FTCDiscover how to implement training to raise cybersecurity awarenessFind out how to comply with cloud privacy regulationsExamine the complex privacy laws in the USWho this book is for If you're a seasoned pro with IT security and / or cybersecurity, this book isn't for you. This book is aimed at novices, freshers, students, experts in other fields, and managers, that, are willing to learn, understand, and manage how a security function is working, especially if you need to be. Although the reader will be able, by reading this book, to build and manage a security function on their own, it is highly recommended to supervise a team devoted to implementing cybersecurity and privacy practices in an organization.

Practical Cybersecurity Architecture

Plan, design, and build resilient security architectures to secure your organization's hybrid networks, cloud-based workflows, services, and applications Key Features Understand the role of the architect in successfully creating complex security structures Learn methodologies for creating architecture documentation, engaging stakeholders, and implementing designs Understand how to refine and improve architecture methodologies to meet business challenges Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionCybersecurity architecture is the discipline of systematically ensuring that an organization is resilient against cybersecurity threats. Cybersecurity architects work in tandem with stakeholders to create a vision for security in the organization and create designs that are implementable, goal-based, and aligned with the organization’s governance strategy. Within this book, you'll learn the fundamentals of cybersecurity architecture as a practical discipline. These fundamentals are evergreen approaches that, once mastered, can be applied and adapted to new and emerging technologies like artificial intelligence and machine learning. You’ll learn how to address and mitigate risks, design secure solutions in a purposeful and repeatable way, communicate with others about security designs, and bring designs to fruition. This new edition outlines strategies to help you work with execution teams to make your vision a reality, along with ways of keeping designs relevant over time. As you progress, you'll also learn about well-known frameworks for building robust designs and strategies that you can adopt to create your own designs. By the end of this book, you’ll have the foundational skills required to build infrastructure, cloud, AI, and application solutions for today and well into the future with robust security components for your organization.What you will learn Create your own architectures and analyze different models Understand strategies for creating architectures for environments and applications Discover approaches to documentation using repeatable approaches and tools Discover different communication techniques for designs, goals, and requirements Focus on implementation strategies for designs that help reduce risk Apply architectural discipline to your organization using best practices Who this book is forThis book is for new as well as seasoned cybersecurity architects looking to explore and polish their cybersecurity architecture skills. Additionally, anyone involved in the process of implementing, planning, operating, or maintaining cybersecurity in an organization can benefit from this book. If you are a security practitioner, systems auditor, and (to a lesser extent) software developer invested in keeping your organization secure, this book will act as a reference guide.

An Introduction to Information Security and ISO27001:2013, A Pocket Guide, Second Edition

Most organisations implementing an information security management regime opt for systems based on the international standard, ISO/IEC 27001. This approach ensures that the systems they put in place are effective, reliable and auditable. Up to date with the latest version of the Standard (ISO27001:2013), An Introduction to information security and ISO27001:2013 is the perfect solution for anyone wanting an accurate, fast, easy-to-read primer on information security from an acknowledged expert on ISO27001. This pocket guide will help you to: Make informed decisions By providing a clear, concise overview of the subject this guide enables the key people in your organisation to make better decisions before embarking on an information security project. Ensure everyone is up to speed Once you have decided to implement an information security project, you can use this guide to give the non-specialists on the project board and in the project team a

clearer understanding of what the project involves. Raise awareness among staff An Information Security Management System (ISMS) will make demands of the overall corporate culture within your organisation. You need to make sure your people know what is at stake with regard to information security, so that they understand what is expected of them. Enhance your competitiveness Your customers need to know that the information you hold about them is managed and protected appropriately. And to retain your competitive edge, you will want the identity of your suppliers and the products you are currently developing to stay under wraps. With an effective knowledge management strategy, you can preserve smooth customer relations and protect your trade secrets. Buy this pocket guide and learn how you can keep your information assets secure.

Designing for Privacy and its Legal Framework

This book discusses the implementation of privacy by design in Europe, a principle that has been codified within the European Data Protection Regulation (GDPR). While privacy by design inspires hope for future privacy-sensitive designs, it also introduces the need for a common understanding of the legal and technical concepts of privacy and data protection. By pursuing an interdisciplinary approach and comparing the problem definitions and objectives of both disciplines, this book bridges the gap between the legal and technical fields in order to enhance the regulatory and academic discourse. The research presented reveals the scope of legal principles and technical tools for privacy protection, and shows that the concept of privacy by design goes beyond the principle of the GDPR. The book presents an analysis of how current regulations delegate the implementation of technical privacy and data protection measures to developers and describes how policy design must evolve in order to implement privacy by design and default principles.

Practical Cybersecurity Architecture

Plan and design robust security architectures to secure your organization's technology landscape and the applications you develop Key Features Leverage practical use cases to successfully architect complex security structures Learn risk assessment methodologies for the cloud, networks, and connected devices Understand cybersecurity architecture to implement effective solutions in medium-to-large enterprises Book DescriptionCybersecurity architects work with others to develop a comprehensive understanding of the business' requirements. They work with stakeholders to plan designs that are implementable, goal-based, and in keeping with the governance strategy of the organization. With this book, you'll explore the fundamentals of cybersecurity architecture: addressing and mitigating risks, designing secure solutions, and communicating with others about security designs. The book outlines strategies that will help you work with execution teams to make your vision a concrete reality, along with covering ways to keep designs relevant over time through ongoing monitoring, maintenance, and continuous improvement. As you progress, you'll also learn about recognized frameworks for building robust designs as well as strategies that you can adopt to create your own designs. By the end of this book, you will have the skills you need to be able to architect solutions with robust security components for your organization, whether they are infrastructure solutions, application solutions, or others.What you will learn Explore ways to create your own architectures and analyze those from others Understand strategies for creating architectures for environments and applications Discover approaches to documentation using repeatable approaches and tools Delve into communication techniques for designs, goals, and requirements Focus on implementation strategies for designs that help reduce risk Become well-versed with methods to apply architectural discipline to your organization Who this book is for If you are involved in the process of implementing, planning, operating, or maintaining cybersecurity in an organization, then this security book is for you. This includes security practitioners, technology governance practitioners, systems auditors, and software developers invested in keeping their organizations secure. If you’re new to cybersecurity architecture, the book takes you through the process step by step; for those who already work in the field and have some experience, the book presents strategies and techniques that will help them develop their skills further.

Nine Steps to Success

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

ISO27001/ISO27002 a Pocket Guide

Information security means much more than a technology solution, and requires buy-in from senior managers and the collaboration of all staff in the organisation. By looking at ISO27001 and ISO27002 together, this pocket guide gives a wider view of what it means to implement an ISO27001 ISMS.

An Introduction to Information Security and ISO27001:2013

Quickly understand the principles of information security.

ISO27001

Protect your organisation's information assets using ISO27001:2013 Information is one of your organisation's most important resources. Keeping it 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. Furthering the objectives of your organisation Information security means much more than a technology solution, and requires buy-in from senior managers and the collaboration of all staff in the organisation. For this reason, ISO27001 is not a one-size-fits solution, nor is it designed to be a static, fixed entity. By looking at ISO27001 and ISO27002 together, this pocket guide gives a wider view of what it means to implement an ISO27001 ISMS. Creating an ISMS based on ISO27001/ISO27002 will help you to: Improve efficiency by having systems and procedures in place that mean people spend less time 'fire-fighting' and reacting in an ad-hoc way to security incidents. Protect your information assets from a wide range of cyber threats, such as criminal activity and fraud, user errors, outside attack, insider compromise and system failure. Manage risk systematically and put in place a plan to eliminate or reduce cyber threats to your organisation. Prepare for the worst as ISO27001 requires you to monitor information security events, enabling earlier detection of threats or processing errors, and faster resolution. Completely up to date with the latest 2013 release of ISO27001, ISO27001/ISO27002: A Pocket Guide covers: The ISO/IEC 27000:2013 family of information security standards Background to the standards certification process The ISMS and ISO27001:2013 Specification vs. Code of Practice Documentation & Records Management Responsibility Policy & Scope Risk Assessment Implementation Continual Improvement Next step to certification? If your ISMS conforms to the specification of ISO27001, you can arrange for an independent audit of the ISMS against that specification and eventually achieve certification. We publish a range of ISMS documentation toolkits and books such as Nine Steps to Success, to help you do this. Buy this book and start securing your information assets today.

IT Governance

Faced with constant and fast-evolving threats to information security and with a growing exposure to cyber risk, managers at all levels and in organizations of all sizes need a robust IT governance system. Now in its sixth edition, the bestselling IT Governance provides guidance for companies looking to protect and enhance their information security management systems and protect themselves against cyber threats. This version has been fully updated to take account of current cyber security and advanced persistent threats and reflects the latest regulatory and technical developments, including the 2013 updates to ISO 27001/ISO 27002. Changes for this edition include: updates in line with the revised ISO 27001 standard and accompanying ISO 27002 code of practice for information security controls; full coverage of changes to data-related regulations in different jurisdictions and advice on compliance; guidance on the options for continual improvement

models and control frameworks made possible by the new standard; new developments in cyber risk and mitigation practices; guidance on the new information security risk assessment process and treatment requirements. Including coverage of key international markets, IT Governance is the definitive guide to implementing an effective information security management and governance system.

ISO27001 Assessment Without Tears

Updated to reflect the changes in ISO27001:2013, this pocket guide is the ideal way to prepare all staff in an organisation for an ISO27001 audit. The audit process can be a daunting one as an auditor can direct questions at any employee within your organisation. Written in a clear plain style, this pocket guide offers a tried and tested briefing, and should be issued to staff in advance of the audit to help them prepare for the experience and be well equipped to answer questions when asked. This pocket book explains what an ISO 27001 assessment is, why organisations bother with them, and what individual staff should do and, perhaps as importantly, not do if an auditor chooses to question them. The book covers: What an assessment is Why information security is important What happens during an assessment What to consider when answering an auditor';s questions What happens when an auditor finds something wrong Your policies and how to prepare Further information: who to ask This pocket book is the perfect tool to train everybody inside your organisation to play their part in your ISO 27001 assessment.

An Introduction to Information Security and ISO27001

This new pocket guidewill suit both individuals who need an introduction to a topic that they know little about, and alsoorganizations implementing, or considering implementing, some sort of information security management regime, particularly if using ISO/IEC 27001:2005.

Foundations of Information Security based on ISO27001 and ISO27002 – 4th revised edition

This book is intended for anyone who wants to prepare for the Information Security Foundation based on ISO / IEC 27001 exam of EXIN. All information security concepts in this revised edition are based on the ISO/IEC 27001:2013 and ISO/IEC 27002:2022 standards. A realistic case study running throughout the book usefully demonstrates how theory translates into an operating environment. In all these cases, knowledge about information security is important and this book therefore provides insight and background information about the measures that an organization could take to protect information appropriately. Sometimes security measures are enforced by laws and regulations. This practical and easy-to-read book clearly explains the approaches or policy for information security management that most organizations can consider and implement. 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 How to ensure business continuity in the event of a disaster When and whether to report incidents outside the organization.

IT Governance – An international guide to data security and ISO 27001/ISO 27002, Eighth edition

Recommended textbook for the Open University’s postgraduate information security course and the recommended text for all IBITGQ ISO 27001 courses In this updated edition, renowned ISO 27001/27002 experts Alan Calder and Steve Watkins: Discuss the ISO 27001/27002:2022 updates; Provide guidance on how to establish a strong IT governance system and an ISMS (information security management system) that complies with ISO 27001 and ISO 27002; Highlight why data protection and information security are vital in our ever-changing online and physical environments; Reflect on changes to international legislation, e.g. the GDPR (General Data Protection Regulation); and Review key topics such as risk assessment, asset

management, controls, security, supplier relationships and compliance. Fully updated to align with ISO 27001/27002:2022 IT Governance – An international guide to data security and ISO 27001/ISO 27002, Eighth edition provides: Expert information security management and governance guidance based on international best practice; Guidance on how to protect and enhance your organisation with an ISO 27001:2022-compliant ISMS; and Discussion around the changes to international legislation, including ISO 27001:2022 and ISO 27002:2022. As cyber threats continue to increase in prevalence and ferocity, it is more important than ever to implement a secure ISMS to protect your organisation. Certifying your ISMS to ISO 27001 and ISO 27002 demonstrates to customers and stakeholders that your organisation is handling data securely.