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Implementing Information Security based on ISO 27001/ISO 27002 IT Governance Foundations of Information Security Based on ISO27001 and ISO27002 **Foundations of Information Security Based on ISO27001 and ISO27002 - 3rd revised edition Application security in the ISO27001:2013 Environment** Information Security based on ISO 27001/ISO 27002 *Implementing ISO 27001 Simplified Implementation and Auditing of ISMS Controls-Based on ISO27001* **Managementsysteme für Informationssicherheit (ISMS) mit DIN EN ISO/IEC 27001 betreiben und verbessern Information Security Management Handbook, Volume 4 ISSE 2012 Securing Electronic Business Processes Information Security Governance Simplified** *The Objective is Quality* **A Comprehensive Guide to Information Security Management and Audit** Information Security Management Handbook *International IT Governance* **Implementing an Information Security Management System** *Implementing the ISO/IEC 27001:2013 ISMS Standard* RMF ISSO: NIST 800-53 Controls Book 2 ISO 27001 controls - A guide to implementing and auditing **The Cyber Risk Handbook** *Practical Information Security Management* **Guide to the Implementation and Auditing of ISMS Controls Based on ISO/IEC 27001** *ISO27001/ISO27002: Ein Taschenführer* **Computational Science and Its Applications - ICCSA 2010** Information Technology Risk Management in Enterprise Environments Engineering Secure Software and Systems **Risk Assessment for Asset Owners 100 Fragen rund um Cyber-Versicherungen Information Security Officer: Job profile, necessary qualifications, and awareness raising explained in a practical way Implementing the ISO/IEC 27001 Information Security Management System Standard** Nine Steps to Success **How to Achieve 27001 Certification Encyclopedia of Information Assurance - 4 Volume Set (Print)** The I.T. Little Black Book **ISO27001:2013 Assessments Without Tears** *Advances in Emerging Trends and Technologies* Official (ISC)2 Guide to the SSCP CBK The Basics of IT Audit **International Standards for Design and Manufacturing**

Implementing an Information Security Management System Jun 18 2021 Discover the simple steps to implementing information security standards using ISO 27001, the most popular information security standard across the world. You'll see how it offers best practices to be followed, including the roles of all the stakeholders at the time of security framework implementation, post-implementation, and during monitoring of the implemented controls. Implementing an Information

Security Management System provides implementation guidelines for ISO 27001:2013 to protect your information assets and ensure a safer enterprise environment. This book is a step-by-step guide on implementing secure ISMS for your organization. It will change the way you interpret and implement information security in your work area or organization. What You Will LearnDiscover information safeguard methodsImplement end-to-end information securityManage risk associated with information securityPrepare for audit with associated roles and responsibilitiesIdentify your information riskProtect your information assetsWho This Book Is For Security professionals who implement and manage a security framework or security controls within their organization. This book can also be used by developers with a basic knowledge of security concepts to gain a strong understanding of security standards for an enterprise.

Managementsysteme für Informationssicherheit (ISMS) mit DIN EN ISO/IEC 27001 betreiben und verbessern Feb 24 2022 Der Band aus der Reihe Beuth Praxis unterstützt Sie bei der Weiterentwicklung und Verbesserung Ihres Informationssicherheits-Managements und bei der kontinuierlichen Verbesserung der Prozesse (Stichwort: "Check und Act"). Er erleichtert Ihnen den effektiven Betrieb eines ISMS, beantwortet Fragen, die nach der Implementierung eines ISMS aufkommen, bietet einen Überblick über das Normungsumfeld und thematisch angrenzende Literatur und hilft Ihnen bei der erfolgreichen Rezertifizierung nach DIN EN ISO 27001. "Managementsysteme für Informationssicherheit" stellt Ihnen ISMS auch anhand eines ausführlichen Fallbeispiels vor – immer unter Berücksichtigung des Zertifizierungsaspekts und basiert auf der Normenreihe DIN ISO/IEC 27000 ff.

International Standards for Design and Manufacturing Jun 26 2019 International standards ensure that organisations operate the right processes to support their objectives. International Standards for Design and Manufacturing is an accessible guide for manufacturing and production managers and students. It guides readers through the standards needed to build operating systems which are robust, integrated and used to drive the continuous improvement of business performance. International Standards for Design and Manufacturing is based on many years of research collaboration between Swansea University and leading manufacturing and production practitioners from key companies from around the world. Each chapter includes an introduction to the standards being discussed, definitions, examples of using the standards in practice, why these standards are important, conclusions, seminar topics and mock exam questions to allow the reader to test their knowledge and understanding.

Information Security Management Handbook Aug 21 2021 Considered the gold-standard reference on information security, the Information Security Management Handbook provides an authoritative compilation of

the fundamental knowledge, skills, techniques, and tools required of today's IT security professional. Now in its sixth edition, this 3200 page, 4 volume stand-alone reference is organized under the C

Guide to the Implementation and Auditing of ISMS Controls Based on ISO/IEC 27001 Dec 13 2020

International IT Governance Jul 20 2021 An essential resource for business managers at any-sized organization, this book provides the current best practice in managing data and information risks as companies face increasingly complex and dangerous threats to information security. The development of IT Governance, which recognizes the convergence between business and IT management, makes it essential for managers at all levels to understand how best to deal with information security risks. This text explores new legislation, including the launch of ISO/IEC 27001, which defines a single, global standard of information security. Includes access to a website that provides templates designed for implementation within any organization.

ISO 27001 controls - A guide to implementing and auditing Mar 16 2021 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.

Application security in the ISO27001:2013 Environment Jun 30 2022 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

Implementation and Auditing of ISMS Controls-Based on ISO27001 Mar 28 2022 It is irrefutable that information is a valuable asset to an organization regardless of the form i.e. on paper or digital. Many business operations depend highly on this information in their critical business processes. Thus, organizations need to protect such information appropriately. Information should be protected to secure confidentiality, integrity and availability. In addition, other elements such as non-repudiation and authentication should also be considered. More organizations have come to realize the importance of protecting and securing their information. Information Security Management System (ISMS) is a framework which enables organizations to manage security incidents holistically and systematically. The benefits of adopting and deploying this information security management framework are extensive. Its adoption and deployment is a tedious and lengthy process and the level of commitment is high, but the benefits, surpasses all that. This guideline provides a holistic view on how to jumpstart the ISMS implementation. Organizations would be able to have a better understanding of ISMS implementation; thus easing the process and ensuring appropriate utilization of resources whilst implementing ISMS.

Computational Science and Its Applications - ICCSA 2010 Oct 11 2020 The four-volume set LNCS 6016 - 6019 constitutes the refereed proceedings of the International Conference on Computational Science and Its Applications, ICCSA 2010, held in Fukuoka, Japan, in March 2010. The four volumes contain papers presenting a wealth of original research results in the field of computational science, from foundational issues in computer science and mathematics to advanced applications in virtually all sciences making use of computational techniques. The topics of the fully refereed papers are structured according to the five major conference themes: computational methods, algorithms and scientific application, high performance computing and networks, geometric modelling, graphics and visualization, advanced and emerging applications, and information systems and technologies. Moreover, submissions from more than 30 special sessions and workshops contribute to this publication. These cover These cover topics such as geographical analysis, urban modeling, spatial statistics, wireless and ad hoc networking, logical, scientific and computational aspects of pulse phenomena in transitions, high-performance computing and information visualization, sensor network and its applications, molecular simulations structures and processes, collective evolutionary systems, software engineering processes and applications,

molecular simulations structures and processes, internet communication security, security and privacy in pervasive computing environments, and mobile communications.

A Comprehensive Guide to Information Security Management and Audit Sep 21 2021 The text is written to provide readers with a comprehensive study of information security and management system, audit planning and preparation, audit techniques and collecting evidence, international information security (ISO) standard 27001, and asset management. It further discusses important topics such as security mechanisms, security standards, audit principles, audit competence and evaluation methods, and the principles of asset management. It will serve as an ideal reference text for senior undergraduate, graduate students, and researchers in fields including electrical engineering, electronics and communications engineering, computer engineering, and information technology. The book explores information security concepts and applications from an organizational information perspective and explains the process of audit planning and preparation. It further demonstrates audit techniques and collecting evidence to write important documentation by following the ISO 27001 standards. The book– Elaborates on the application of confidentiality, integrity, and availability (CIA) in the area of audit planning and preparation. Covers topics such as managing business assets, agreements on how to deal with business assets, and media handling. Demonstrates audit techniques and collects evidence to write the important documentation by following the ISO 27001 standards. Explains how the organization’s assets are managed by asset management, and access control policies. Presents seven case studies.

Risk Assessment for Asset Owners Jul 08 2020 This book is apocket guide to the ISO27001 risk assessment, and designed to assist asset owners and others who are working within an ISO27001/ISO17799 framework to deliver a qualitative risk assessment. It conforms with the guidance provided in BS7799-3:2006 and NIST SP 800-30.

ISO27001:2013 Assessments Without Tears Oct 30 2019 Helpful advice and reassurance about what an assessment involves, this guide is the perfect tool to prepare everybody in your organisation to play a positive part in your ISO27001 assessment.

Implementing the ISO/IEC 27001 Information Security Management System Standard Apr 04 2020 Authored by an internationally recognized expert in the field, this timely book provides you with an authoritative and clear guide to the ISO/IEC 27000 security standards and their implementation. The book addresses all the critical information security management issues that you need to understand to help protect your business's valuable assets, including dealing with business risks and governance and compliance. Moreover, you find practical information on standard accreditation and certification. From information security management system (ISMS) design and deployment,

to system monitoring, reviewing and updating, this invaluable book is your one-stop resource on the ISO/IEC 27000 series of standards.

Information Security based on ISO 27001/ISO 27002 May 30 2022 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.

Implementing Information Security based on ISO 27001/ISO 27002 Nov 04 2022 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

Encyclopedia of Information Assurance - 4 Volume Set (Print) Jan 02 2020 Charged with ensuring the confidentiality, integrity, availability, and delivery of all forms of an entity's information, Information Assurance (IA) professionals require a fundamental understanding of a wide range of specializations, including digital forensics, fraud examination, systems engineering, security risk management, privacy, and compliance. Establishing this understanding and keeping it up to date requires a resource with coverage as diverse

as the field it covers. Filling this need, the Encyclopedia of Information Assurance presents an up-to-date collection of peer-reviewed articles and references written by authorities in their fields. From risk management and privacy to auditing and compliance, the encyclopedia's four volumes provide comprehensive coverage of the key topics related to information assurance. This complete IA resource: Supplies the understanding needed to help prevent the misuse of sensitive information Explains how to maintain the integrity of critical systems Details effective tools, techniques, and methods for protecting personal and corporate data against the latest threats Provides valuable examples, case studies, and discussions on how to address common and emerging IA challenges Placing the wisdom of leading researchers and practitioners at your fingertips, this authoritative reference provides the knowledge and insight needed to avoid common pitfalls and stay one step ahead of evolving threats. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: ? Citation tracking and alerts ? Active reference linking ? Saved searches and marked lists ? HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk

Advances in Emerging Trends and Technologies Sep 29 2019 This book constitutes the proceedings of the 2nd International Conference on Advances in Emerging Trends and Technologies (ICAETT 2020), held in Riobamba, Ecuador, on 26-30 October 2019, proudly organized by Facultad de Informática y Electrónica (FIE) at Escuela Superior Politécnica de Chimborazo and supported by GDEON. ICAETT 2020 brings together top researchers and practitioners working in different domains of computer science to share their expertise and to discuss future developments and potential collaborations. Presenting high-quality, peer-reviewed papers, the book discusses the following topics: Communicationse-Government and e-Participatione-LearningElectronicIntelligent SystemsMachine VisionSecurityTechnology Trends

The Objective is Quality Oct 23 2021 Quality is a form of management that is composed of the double approach of driving an organization towards excellence, while conforming to established standards and laws. The objective of quality confers advantages to companies: it makes them more resilient to change that can be unexpected or even chaotic; it makes them more competitive by identifying those steps in processes that do not offer added value. No longer the concern of a small community of experts, even scientists and engineers working in

the private sector will find that they will have to con- front questions related to quality management in their day-to-day professional lives. This volume offers such people an unique entry into the universe of quality management, providing not only a cartography of quality standards and their modes of application – with particular attention to the ISO standards – but also a broader cultural context, with chapters on the history, prizes, deontology and moral implications of systems of quality management. This book thus opens the door to all those eager to take the first steps to learning how the principles of quality are organized today, and how they can be applied to his or her own activity.

Information Technology Risk Management in Enterprise Environments Sep 09 2020 Discusses all types of corporate risks and practical means of defending against them. Security is currently identified as a critical area of Information Technology management by a majority of government, commercial, and industrial organizations. Offers an effective risk management program, which is the most critical function of an information security program.

IT Governance Oct 03 2022 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.

Official (ISC)2 Guide to the SSCP CBK Aug 28 2019 The (ISC) Systems Security Certified Practitioner (SSCP) certification is one of the most important credentials an information security practitioner can have. Having helped thousands of people around the world obtain this distinguished certification, the bestselling Official (ISC)2 Guide to

the SSCP CBK has quickly become the book that many of

The I.T. Little Black Book Dec 01 2019 An essential reference source not only for the established IT professional, but also for anyone wishing to quickly gain an understanding of IT language, concepts and models.

ISSE 2012 Securing Electronic Business Processes Dec 25 2021 This book presents the most interesting talks given at ISSE 2012 - the forum for the inter-disciplinary discussion of how to adequately secure electronic business processes. The topics include: - Information Security Strategy; Enterprise and Cloud Computing Security - Security and Privacy Impact of Green Energy; Human Factors of IT Security - Solutions for Mobile Applications; Identity & Access Management - Trustworthy Infrastructures; Separation & Isolation - EU Digital Agenda; Cyber Security: Hackers & Threats Adequate information security is one of the basic requirements of all electronic business processes. It is crucial for effective solutions that the possibilities offered by security technology can be integrated with the commercial requirements of the applications. The reader may expect state-of-the-art: best papers of the Conference ISSE 2012. Content Information Security Strategy - Enterprise and Cloud Computing Security - Security and Privacy - Impact of Green Energy - Human Factors of IT Security - Solutions for Mobile Applications - Identity & Access Management - Trustworthy Infrastructures - Separation & Isolation - EU Digital Agenda - Cyber Security - Hackers & Threats Target Group Developers of Electronic Business Processes IT Managers IT Security Experts Researchers The Editors Norbert Pohlmann: Professor for Distributed System and Information Security at Westfälische Hochschule Gelsenkirchen Helmut Reimer: Senior Consultant, TeleTrusT Wolfgang Schneider: Senior Adviser, Fraunhofer Institute SIT

Information Security Officer: Job profile, necessary qualifications, and awareness raising explained in a practical way May 06 2020 Congratulations on your new job as an information security officer! What does this responsibility actually entail? How will you manage not to get bogged down? How are you going to keep all the relevant issues in mind? How will you get started? This book is intended to help you take a holistic approach to information security while retaining an overview of the topic. Its primary aim is to impart the essentials of the IT-Grundschutz approach - both as theory and practice - as per the BSI standards 200-x. This book not only serves as a practical guide to basic protection but also allows you to understand the procedure on your own computer as a mini scenario. Another focus is on awareness-raising trainings for employees of your institution targeted at specific groups. These trainings will need to be individually initiated, planned, implemented, and evaluated. We deal with the relevant technical and organizational aspects and focus on a

discursive learning atmosphere devoted to interpersonal exchange, experience-oriented learning scenarios, and practical demonstrations designed to achieve a sustained effect and benefit all employees. Have fun reading and good luck with implementing the ideas!

Implementing ISO 27001 Simplified Apr 28 2022 In this book, users will get to know about the ISO 27001 and how to implement the required policies and procedures to acquire this certification. Real policies and procedures have been used as examples with step by step explanations about the process which includes implementing group polices in windows server. And lastly, the book also includes details about how to conduct an Internal Audit and proceed to the Final Audit

The Cyber Risk Handbook Feb 12 2021 Actionable guidance and expert perspective for real-world cybersecurity The Cyber Risk Handbook is the practitioner's guide to implementing, measuring and improving the counter-cyber capabilities of the modern enterprise. The first resource of its kind, this book provides authoritative guidance for real-world situations, and cross-functional solutions for enterprise-wide improvement. Beginning with an overview of counter-cyber evolution, the discussion quickly turns practical with design and implementation guidance for the range of capabilities expected of a robust cyber risk management system that is integrated with the enterprise risk management (ERM) system. Expert contributors from around the globe weigh in on specialized topics with tools and techniques to help any type or size of organization create a robust system tailored to its needs. Chapter summaries of required capabilities are aggregated to provide a new cyber risk maturity model used to benchmark capabilities and to road-map gap-improvement. Cyber risk is a fast-growing enterprise risk, not just an IT risk. Yet seldom is guidance provided as to what this means. This book is the first to tackle in detail those enterprise-wide capabilities expected by Board, CEO and Internal Audit, of the diverse executive management functions that need to team up with the Information Security function in order to provide integrated solutions. Learn how cyber risk management can be integrated to better protect your enterprise Design and benchmark new and improved practical counter-cyber capabilities Examine planning and implementation approaches, models, methods, and more Adopt a new cyber risk maturity model tailored to your enterprise needs The need to manage cyber risk across the enterprise—inclusive of the IT operations—is a growing concern as massive data breaches make the news on an alarmingly frequent basis. With a cyber risk management system now a business-necessary requirement, practitioners need to assess the effectiveness of their current system, and measure its gap-improvement over time in response to a dynamic and fast-moving threat landscape. The Cyber Risk Handbook brings the world's best thinking to bear on aligning that system to the enterprise and vice-a-versa. Every functional head of any organization must have a copy at-hand to

understand their role in achieving that alignment.

Nine Steps to Success Mar 04 2020 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

Foundations of Information Security Based on ISO27001 and ISO27002 Sep 02 2022 Information security issues impact all organizations; however measures used to implement effective measures are often viewed as a businesses barrier costing a great deal of money. This practical title 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. All information security concepts in this book are based on the ISO/IEC 27001 and ISO/IEC 27002 standards. But the text also refers to the other relevant international standards for information security. The text is structures 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 book also contains many Case Studies which usefully demonstrate how theory translates into an operating environment 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.

Implementing the ISO/IEC 27001:2013 ISMS Standard May 18 2021 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.

Information Security Governance Simplified Nov 23 2021 Security practitioners must be able to build a cost-effective security program while at the same time meet the requirements of government regulations. This book lays out these regulations in simple terms and explains how to use the control frameworks to build an effective information security program and governance structure. It discusses how organizations can best ensure that the information is protected and examines all positions from the board of directors to the end user, delineating the role each plays in protecting the security of the organization.

Practical Information Security Management Jan 14 2021 Create appropriate, security-focused business propositions that consider the balance between cost, risk, and usability, while starting your journey to become an information security manager. Covering a wealth of information that explains exactly how the industry works today, this book focuses on how you can set up an effective information security practice, hire the right people, and strike the best balance between security controls, costs, and risks. Practical Information Security Management provides a wealth of practical advice for anyone responsible for information security management in the workplace, focusing on the ‘how’ rather than the ‘what’. Together we’ll cut through the policies, regulations, and standards to expose the real inner workings of what makes a security management program effective, covering the full gamut of subject matter pertaining to security management: organizational structures, security architectures, technical controls, governance frameworks, and operational security. This book was not written to help you pass your CISSP, CISM, or CISMP or become a PCI-DSS auditor. It won’t help you build an ISO 27001 or COBIT-compliant security management system, and it won’t help you become an ethical hacker or digital forensics investigator - there are many excellent books on the market that cover these subjects in detail. Instead, this is a practical book that offers years of real-world experience in helping you focus on the getting the job done. What You Will Learn Learn the practical aspects of being an effective information security manager Strike the right balance between cost and risk Take security policies and standards and make them work in reality Leverage complex security functions, such as Digital Forensics, Incident Response and Security Architecture Who This Book Is For“/div>divAnyone who wants to make a difference in offering effective security management for their business. You might already be a security manager seeking insight into areas of the job that you’ve not looked at before, or you might be a techie or risk guy wanting to switch into this challenging new career. Whatever your career goals are, Practical Security Management has something to offer you.

The Basics of IT Audit Jul 28 2019 The Basics of IT Audit: Purposes, Processes, and Practical Information provides you with a thorough, yet

concise overview of IT auditing. Packed with specific examples, this book gives insight into the auditing process and explains regulations and standards such as the ISO-27000, series program, CoBIT, ITIL, Sarbanes-Oxley, and HIPPA. IT auditing occurs in some form in virtually every organization, private or public, large or small. The large number and wide variety of laws, regulations, policies, and industry standards that call for IT auditing make it hard for organizations to consistently and effectively prepare for, conduct, and respond to the results of audits, or to comply with audit requirements. This guide provides you with all the necessary information if you're preparing for an IT audit, participating in an IT audit or responding to an IT audit. Provides a concise treatment of IT auditing, allowing you to prepare for, participate in, and respond to the results Discusses the pros and cons of doing internal and external IT audits, including the benefits and potential drawbacks of each Covers the basics of complex regulations and standards, such as Sarbanes-Oxley, SEC (public companies), HIPAA, and FFIEC Includes most methods and frameworks, including GAAS, COSO, COBIT, ITIL, ISO (27000), and FISCAM

RMF ISSO: NIST 800-53 Controls Book 2 Apr 16 2021 This is a breakdown of each of the NIST 800-53 security control families and how they relate to each step in the NIST 800-37 risk management framework process. It is written by someone in the field in layman's terms with practical use in mind. This book is not a replacement for the NIST 800 special publications, it is a supplemental resource that will give context and meaning to the controls for organizations and cybersecurity professionals tasked with interpreting the security controls.

How to Achieve 27001 Certification Feb 01 2020 The security criteria of the International Standards Organization (ISO) provides an excellent foundation for identifying and addressing business risks through a disciplined security management process. Using security standards ISO 17799 and ISO 27001 as a basis, How to Achieve 27001 Certification: An Example of Applied Compliance Management helps an organization align its security and organizational goals so it can generate effective security, compliance, and management programs. The authors offer insight from their own experiences, providing questions and answers to determine an organization's information security strengths and weaknesses with respect to the standard. They also present step-by-step information to help an organization plan an implementation, as well as prepare for certification and audit. Security is no longer a luxury for an organization, it is a legislative mandate. A formal methodology that helps an organization define and execute an ISMS is essential in order to perform and prove due diligence in upholding stakeholder interests and legislative compliance. Providing a good starting point for novices, as well as

finely tuned nuances for seasoned security professionals, this book is an invaluable resource for anyone involved with meeting an organization's security, certification, and compliance needs.

ISO27001/ISO27002: Ein Taschenführer Nov 11 2020 Schützen Sie die Informationen Ihrer Organisation mit ISO27001:2013 Informationen gehören zu den wichtigsten Ressourcen Ihrer Organisation und ihre Sicherheit ist überlebenswichtig für Ihr Geschäft. Dieser praktische Taschenführer bietet einen grundlegenden Überblick über die beiden wichtigsten Informationssicherheitsstandards mit den formalen Anforderungen (ISO27001:2013) zum Erstellen eines Informationssicherheit-Managementsystems (ISMS) sowie Empfehlungen zu besten Verfahren (ISO27002:2013) für alle jenen, die dieses Einführen, Umsetzen oder Verwalten müssen. Ein auf der Norm ISO27001/ISO27002 basierendes ISMS bietet zahlreiche Vorteile: Verbessern Sie Ihre Effizienz durch Informationssicherheitssysteme und vorgehensweisen, dank derer Sie sich auf ihr Kerngeschäft konzentrieren könnenSchützen Sie Ihre Informationswerte vor einer Reihe von Cyber-Bedrohungen, krimineller Aktivitäten, Gefährdungen durch Insider und SystemausfälleManagen Sie Ihre Risiken systematisch und erstellen Sie Pläne zum Beseitigen oder Verringern von Cyber-BedrohungenErkennen Sie Bedrohungen oder Prozessfehler eher und beheben Sie sie schnellerDer nächste Schritt zur Zertifizierung? Sie können einen unabhängigen Audit Ihres ISMS anhand der Spezifikationen der Norm ISO27001 vornehmen lassen und, wenn dieser die Konformität Ihres ISMS bestätigt, unter Umständen einen akkreditierte Zertifizierung erhalten. Wir veröffentlichen eine Reihe von Toolkits und Büchern zum Thema ISMS (wie „Nine Steps to Success“), die Sie dabei unterstützen. InhaltDie ISO/IEC 27000 Familie von Informationssicherheitsstandards;Hintergrund der Normen;Unterschied Spezifikation - Leitfaden;Zertifizierungsprozess;Die ISMS und ISO27001;Überblick über ISO/IEC 27001:2013;Überblick über ISO/IEC 27002:2013;Dokumente und Aufzeichnungen;Führungsverantwortung;Prozessansatz und PDCA-Zyklus;Kontext, Politik und Anwendungsbereich;Risikobeurteilung;Die Erklärung zur Anwendbarkeit;Umsetzung;Überprüfung und Handeln;Managementprüfung;ISO27001 Anhang A; Über den Autor Alan Calder ist Gründer und Vorstandsvorsitzender der IT Governance Ltd, ein Informations-, Analyse- und Beratungsunternehmen, das Unternehmen bei der Verwaltung von IT-Governance-, Risikomanagement-, Compliance- und Informationssicherheitsfragen unterstützt. Er verfügt über eine langjährige Erfahrung im Senior Management im privaten und öffentlichen Sektor. Dieser praktische Taschenführer bietet einen grundlegenden Überblick über die beiden wichtigsten Informationssicherheitsstandards - kaufen Sie ihn noch heute und erfahren Sie, wie Sie das wertvollste Gut Ihrer Organisation schützen können.

Information Security Management Handbook, Volume 4 Jan 26 2022 Every year, in response to advancements in technology and new laws in different countries and regions, there are many changes and updates to the body of knowledge required of IT security professionals. Updated annually to keep up with the increasingly fast pace of change in the field, the Information Security Management Handbook is the single most

100 Fragen rund um Cyber-Versicherungen Jun 06 2020 Um Versicherer, Vermittler und Kunden die noch junge Versicherungssparte 'Cyberversicherungen' nahe zu bringen, unterstützt dieses Buch bei der Arbeit rund um das Thema Cyber-Risikotransfer. Dabei nimmt der Autor konsequent eine auf den Nutzer zugeschnittene Perspektive ein. Klare Fragen und Antworten bieten eine übersichtliche Orientierungshilfe für die Risikoerfassung, -aufbereitung und -evaluierung sowie die Absicherung von sogenannten Cyber-Risiken. Zur Vertiefung bietet das Buch Hinweise zu weiteren Quellen.

Foundations of Information Security Based on ISO27001 and ISO27002 - 3rd revised edition Aug 01 2022 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.

Engineering Secure Software and Systems Aug 09 2020 This book constitutes the refereed proceedings of the Third International Symposium on Engineering Secure Software and Systems, ESSoS 2011, held in Madrid, Italy, in February 2011. The 18 revised full papers presented together with 3 idea papers were carefully reviewed and selected from 63 submissions. The papers are organized in topical sections on model-based security, tools and mechanisms, Web security, security requirements engineering, and authorization.