Cobit 5 Information Security Golfde

This book will enable you to: understand the different types of Cloud and know which is the right one for your business have realistic expectations of what a Cloud service can give you, and enable you to manage it in the way that suits your business minimise potential disruption by successfully managing the risks and threats make appropriate changes to your business in order to seize opportunities offered by Cloud set up an effective governance system and benefit from the consequential cost savings and reductions in expenditure understand the legal implications of international data protection and privacy laws, and protect your business against falling foul of such laws know how Cloud can benefit your business continuity and disaster recovery planning.
The annual International Conference on Global Security, Safety and Sustainability (ICGS3) is an established platform in which security, safety and sustainability issues can be examined from several global perspectives through dialogue between acad- ics, students, government representatives, chief executives, security professionals, and research scientists from the United Kingdom and from around the globe. The three-day conference focused on the challenges of complexity, rapid pace of change and risk/opportunity issues associated with modern products, systems, special events and infrastructures. The importance of adopting systematic and systemic - proaches to the assurance of these systems was emphasized within a special stream focused on strategic frameworks, architectures and human factors. The conference provided an opportunity for systems scientists, assurance researchers, owners, ope- tors and maintainers of large, complex and advanced systems and infrastructures to update their knowledge on the state of best practice in these challenging domains while networking with the leading researchers and solution providers. ICGS3 2010 received paper submissions from more than 17 different countries in all continents. Only 31 papers were selected and were presented as full papers. The program also included a number of keynote lectures by leading researchers, security professionals and government representatives.
Know how to mitigate and handle ransomware attacks via the essential cybersecurity training in this book so you can stop attacks before they happen. Learn the types of ransomware, distribution methods, internal structure, families (variants), defense strategies, recovery methods, and legal issues related to reporting ransomware incidents to authorities and other affected parties. This book also teaches you how to develop a ransomware incident response plan to minimize ransomware damage and recover normal operations quickly. Ransomware is a category of malware that can encrypt your computer and mobile device files until you pay a ransom to unlock them. Ransomware attacks are considered the most prevalent cybersecurity threats today—the number of new ransomware variants has grown 30-fold since 2015 and they currently account for roughly 40% of all spam messages. Attacks have increased in occurrence from one every 40 seconds to one every 14 seconds. Government and private corporations are targets. Despite the security controls set by organizations to protect their digital assets, ransomware is still dominating the world of security and will continue to do so in the future. Ransomware Revealed discusses the steps to follow if a ransomware infection occurs, such as how to pay the ransom through anonymous payment methods, perform a backup and restore your affected files, and search online to find a decryption tool to unlock (decrypt) your files for free. Mitigation steps are discussed in depth for both endpoint devices and network systems. What You Will Learn Be aware of how ransomware infects your system Comprehend ransomware components in simple terms Recognize the different types of ransomware families Identify the attack vectors employed by ransomware to infect computer systems Know how to prevent ransomware attacks from successfully comprising your system and network (i.e., mitigation strategies) Know what to do if a successful ransomware infection takes place Understand how to pay the ransom as well as the pros and cons of paying Set up a ransomware response plan to recover from such attacks Who This Book Is For Those who do not specialize in the cybersecurity field (but have adequate IT skills) and want to fully understand the anatomy of ransomware threats. Although most of the book's content will be understood by ordinary computer users, it will also prove useful for experienced IT users aiming to understand the ins and outs of ransomware threats without diving deep into the technical jargon of the internal structure of ransomware.
Securing the Cloud is the first book that helps you secure your information while taking part in the time and cost savings of cloud computing. As companies turn to burgeoning cloud computing technology to streamline and save money, security is a fundamental concern. The cloud offers flexibility, adaptability, scalability, and in the case of security - resilience. Securing the Cloud explains how to make the move to the cloud, detailing the strengths and weaknesses of securing a company's information with different cloud approaches. It offers a clear and concise framework to secure a business' assets while making the most of this new technology. This book considers alternate approaches for securing a piece of the cloud, such as private vs. public clouds, SaaS vs. IaaS, and loss of control and lack of trust. It discusses the cloud's impact on security roles, highlighting security as a service, data backup, and disaster recovery. It also describes the benefits of moving to the cloud - solving for limited availability of space, power, and storage. This book will appeal to network and security IT staff and management responsible for design, implementation and management of IT structures from admins to CSOs, CTOs, CIOs and CISOs. Named The 2011 Best Identity Management Book by InfoSec Reviews Provides a sturdy and stable framework to secure your piece of the cloud, considering alternate approaches such as private vs. public clouds, SaaS vs. IaaS, and loss of control and lack of trust Discusses the cloud's impact on security roles, highlighting security as a service, data backup, and disaster recovery Details the benefits of moving to the cloud-solving for limited availability of space, power, and storage
Assessing the risks
COBIT 5: Enabling Information
CompTIA CySA+ Study Guide
Securing the Cloud
Health Informatics: Practical Guide for Healthcare and Information Technology Professionals (Sixth Edition)
A Commonwealth Guide on Best Practice
Information Systems for Small and Medium-sized Enterprises
This guide details an approach to undertaking IT process assessments based on the COBIT 5 Process Assessment Model or PAM. Included in this guide are sufficient information from the COBIT PAM and a full self-assessment template to simplify the self-assessment process.
As technology continues to be a ubiquitous force that propels businesses to success, it is imperative that updated studies are continuously undertaken to ensure that the most efficient tools and techniques are being utilized. In the current business environment, organizations that can improve their agility and business intelligence are able to become much more resilient and viable competitors in the global economy. Achieving Organizational Agility, Intelligence, and Resilience Through Information Systems is a critical reference book that provides the latest empirical studies, conceptual research, and methodologies that enable organizations to enhance and improve their agility, competitiveness, and sustainability in order to position them for paramount success in today ' s economy. Covering topics that include knowledge management, human development, and sustainable development, this book is ideal for managers, executives, entrepreneurs, IT specialists and consultants, academicians, researchers, and students.
Research suggests that between 60-75% of all information security incidents are the result of a lack of knowledge and/or understanding amongst an organization's own staff. And yet the great majority of money spent protecting systems is focused on creating technical defences against external threats. Angus McIlwraith's book explains how corporate culture affects perceptions of risk and information security, and how this in turn affects employee behaviour. He then provides a pragmatic approach for educating and training employees in information security and explains how different metrics can be used to assess awareness and behaviour. Information security awareness will always be an ongoing struggle against complacency, problems associated with new systems and technology, and the challenge of other more glamorous and often short term priorities. Information Security and Employee Behaviour will help you develop the capability and culture that will enable your organization to avoid or reduce the impact of unwanted security breaches.
IT Security governance is becoming an increasingly important issue for all levels of a company. IT systems are continuously exposed to a wide range of threats, which can result in huge risks that threaten to compromise the confidentiality, integrity, and availability of information. This book will be of use to those studying information security, as well as those in industry.
COBIT 2019 Framework
The Manager's Guide to Web Application Security
COBIT ® 5
Cybersecurity for Elections
Ransomware Revealed
A Practical Guide to Managing Information Security
CISSP Study Guide
This book illustrates the importance of business impact analysis, which covers risk assessment, and moves towards better understanding of the business environment, industry specific compliance, legal and regulatory landscape and the need for business continuity. The book provides charts, checklists and flow diagrams that give the roadmap to collect, collate and analyze data, and give enterprise management the entire mapping for controls that comprehensively covers all compliance that the enterprise is subject to have. The book helps professionals build a control framework tailored for an enterprise that covers best practices and relevant standards applicable to the enterprise.
"A much-needed service for society today. I hope this book reaches information managers in the organization now vulnerable to hacks that are stealing corporate information and even holding it hostage for ransom." – Ronald W. Hull, author, poet, and former professor and university administrator A comprehensive entity security program deploys information asset protection through stratified technological and non-technological controls. Controls are necessary for counteracting threats, opportunities, and vulnerabilities risks in a manner that reduces potential adverse effects to defined, acceptable levels. This book presents a methodological approach in the context of normative decision theory constructs and concepts with appropriate reference to standards and the respective guidelines. Normative decision theory attempts to establish a rational framework for choosing between alternative courses of action when the outcomes resulting from the selection are uncertain. Through the methodological application, decision theory techniques can provide objectives determination, interaction assessments, performance estimates, and organizational analysis. A normative model prescribes what should exist according to an assumption or rule.
As a result of a rigorous, methodical process that (ISC) follows to routinely update its credential exams, it has announced that enhancements will be made to both the Certified Information Systems Security Professional (CISSP) credential, beginning April 15, 2015. (ISC) conducts this process on a regular basis to ensure that the examinations and
Migrate to Intent-Based Networking – and improve network manageability, cost, agility, security, and simplicity With Intent-Based Networking (IBN), you can create networks that capture and automatically activate business intent, assure that your network responds properly, proactively detect and contain security threats, and remedy network issues before users even notice. Intent-Based Networking makes networks far more valuable, but few organizations have the luxury of building them from the ground up. In this book, leading expert Pieter-Jans Nefkens presents a unique four-phase approach to preparing and transforming campus network infrastructures, architectures, and organization – helping you gain maximum value from IBN with minimum disruption and cost. The author reviews the problems IBN is intended to solve, and illuminates its technical, business, and cultural implications. Drawing on his pioneering experience, he makes specific recommendations, identifies pitfalls, and shows how to overcome them. You'll learn how to implement IBN with the Cisco Digital Network Architecture and DNA Center and walk through real-world use cases. In a practical appendix, Nefkens even offers detailed technical configurations to jumpstart your own transformation. Review classic campus network deployments and understand why they need to change Learn how Cisco Digital Network Architecture (DNA) provides a solid foundation for state-of-the-art next generation network infrastructures Understand "intent" and how it can be applied to network infrastructure Explore tools for enabling, automating, and assuring Intent-Based Networking within campus networks Transform to Intent-Based Networking using a four-phased approach: Identify challenges; Prepare for Intent; Design and Deploy; and Enable Intent Anticipate how Intent-Based Networking will change your enterprise architecture, IT operations, and business
A Guide to Using Best Practices and Standards
Mastering Windows Security and Hardening
Cloud Computer Security Techniques and Tactics
Measuring and Managing Information Risk
Network Security First-Step
A Concise Guide to the Weaker Side of the Web
A Beginner's Guide to Protecting and Recovering from Ransomware Attacks
Health Informatics (HI) focuses on the application of Information Technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references.
NOTE: The name of the exam has changed from CSA+ to CySA+. However, the CS0-001 exam objectives are exactly the same. After the book was printed with CSA+ in the title, CompTIA changed the name to CySA+. We have corrected the title to CySA+ in subsequent book printings, but earlier printings that were sold may still show CSA+ in the title. Please rest assured that the book content is 100% the same. Prepare yourself for the newest CompTIA certification The CompTIA Cybersecurity Analyst+ (CySA+) Study Guide provides 100% coverage of all exam objectives for the new CySA+ certification. The CySA+ certification validates a candidate's skills to configure and use threat detection tools, perform data analysis, identify vulnerabilities with a goal of securing and protecting organizations systems. Focus your review for the CySA+ with Sybex and benefit from real-world examples drawn from experts, hands-on labs, insight on how to create your own cybersecurity toolkit, and end-of-chapter review questions help you gauge your understanding each step of the way. You also gain access to the Sybex interactive learning environment that includes electronic flashcards, a searchable glossary, and hundreds of bonus practice questions. This study guide provides the guidance and knowledge you need to demonstrate your skill set in cybersecurity. Key exam topics include: Threat management Vulnerability management Cyber incident response Security architecture and toolsets
The Practical, Comprehensive Guide to Applying Cybersecurity Best Practices and Standards in Real Environments In Effective Cybersecurity, William Stallings introduces the technology, operational procedures, and management practices needed for successful cybersecurity. Stallings makes extensive use of standards and best practices documents that are often used to guide or mandate cybersecurity implementation. Going beyond these, he offers in-depth tutorials on the "how" of implementation, integrated into a unified framework and realistic plan of action. Each chapter contains a clear technical overview, as well as a detailed discussion of action items and appropriate policies. Stallings offers many pedagogical features designed to help readers master the material: clear learning objectives, keyword lists, review questions, and QR codes linking to relevant standards documents and web resources. Effective Cybersecurity aligns with the comprehensive Information Security Forum document "The Standard of Good Practice for Information Security," extending ISF's work with extensive insights from ISO, NIST, COBIT, other official standards and guidelines, and modern professional, academic, and industry literature. • Understand the cybersecurity discipline and the role of standards and best practices • Define security governance, assess risks, and manage strategy and tactics • Safeguard information and privacy, and ensure GDPR compliance • Harden systems across the system development life cycle (SDLC) • Protect servers, virtualized systems, and storage • Secure networks and electronic communications, from email to VoIP • Apply the most appropriate methods for user authentication • Mitigate security risks in supply chains and cloud environments This knowledge is indispensable to every cybersecurity professional. Stallings presents it systematically and coherently, making it practical and actionable.
Use the guidance in this comprehensive field guide to gain the support of your top executives for aligning a rational cybersecurity plan with your business. You will learn how to improve working relationships with stakeholders in complex digital businesses, IT, and development environments. You will know how to prioritize your security program, and motivate and retain your team. Misalignment between security and your business can start at the top at the C-suite or happen at the line of business, IT, development, or user level. It has a corrosive effect on any security project it touches. But it does not have to be like this. Author Dan Blum presents valuable lessons learned from interviews with over 70 security and business leaders. You will discover how to successfully solve issues related to: risk management, operational security, privacy protection, hybrid cloud management, security culture and user awareness, and communication challenges. This book presents six priority areas to focus on to maximize the effectiveness of your cybersecurity program: risk management, control baseline, security culture, IT rationalization, access control, and cyber-resilience. Common challenges and good practices are provided for businesses of different types and sizes. And more than 50 specific keys to alignment are included. What You Will Learn Improve your security culture: clarify security-related roles, communicate effectively to businesspeople, and hire, motivate, or retain outstanding security staff by creating a sense of efficacy Develop a consistent accountability model, information risk taxonomy, and risk management framework Adopt a security and risk governance model consistent with your business structure or culture, manage policy, and optimize security budgeting within the larger business unit and CIO organization IT spend Tailor a control baseline to your organization's maturity level, regulatory requirements, scale, circumstances, and critical assets Help CIOs, Chief Digital Officers, and other executives to develop an IT strategy for curating cloud solutions and reducing shadow IT, building up DevSecOps and Disciplined Agile, and more Balance access control and accountability approaches, leverage modern digital identity standards to improve digital relationships, and provide data governance and privacy-enhancing capabilities Plan for cyber-resilience: work with the SOC, IT, business groups, and external sources to coordinate incident response and to recover from outages and come back stronger Integrate your learnings from this book into a quick-hitting rational cybersecurity success plan Who This Book Is For Chief Information Security Officers (CISOs) and other heads of security, security directors and managers, security architects and project leads, and other team members providing security leadership to your business
Official (ISC)2 Guide to the CISSP CBK
Practitioner's Guide to Business Impact Analysis
Information Governance Principles and Practices for a Big Data Landscape
IT (Information Technology) Portfolio Management Step-by-Step
Implementation
Auditing Information and Cyber Security Governance
COBIT 5 for Risk
CISSP Study Guide, Third Edition provides readers with information on the CISSP certification, the most prestigious, globally-recognized, vendor-neutral exam for information security professionals. With over 100,000 professionals certified worldwide, and many more joining their ranks, this new third edition presents everything a reader needs to know on the newest version of the exam's Common Body of Knowledge. The eight domains are covered completely and as concisely as possible, allowing users to ace the exam. Each domain has its own chapter that includes a specially-designed pedagogy to help users pass the exam, including clearly-stated exam objectives, unique terms and definitions, exam warnings, "learning by example" modules, hands-on exercises, and chapter ending questions. Provides the most complete and effective study guide to prepare users for passing the CISSP exam, giving them exactly what they need to pass the test Authored by Eric Conrad who has prepared hundreds of professionals for passing the CISSP exam through SANS, a popular and well-known organization for information security professionals Covers all of the new information in the Common Body of Knowledge updated in January 2015, and also provides two exams, tiered end-of-chapter questions for a gradual learning curve, and a complete self-test appendix
This IBM® Redbooks® publication describes how the IBM Big Data Platform provides the integrated capabilities that are required for the adoption of Information Governance in the big data landscape. As organizations embark on new use cases, such as Big Data Exploration, an enhanced 360 view of customers, or Data Warehouse modernization, and absorb ever growing volumes and variety of data with accelerating velocity, the principles and practices of Information Governance become ever more critical to ensure trust in data and help organizations overcome the inherent risks and achieve the wanted value. The introduction of big data changes the information landscape. Data arrives faster than humans can react to it, and issues can quickly escalate into significant events. The variety of data now poses new privacy and security risks. The high volume of information in all places makes it harder to find where these issues, risks, and even useful information to drive new value and revenue are. Information Governance provides an organization with a framework that can align their wanted outcomes with their strategic management principles, the people who can implement those principles, and the architecture and platform that are needed to support the big data use cases. The IBM Big Data Platform, coupled with a framework for Information Governance, provides an approach to build, manage, and gain significant value from the big data landscape.
Information technology in the workplace is vital to the management of workflow in the company; therefore, IT security is no longer considered a technical issue but a necessity of an entire corporation. The practice of IT security has rapidly expanded to an aspect of Corporate Governance so that the understanding of the risks and prospects of IT security are being properly managed at an executive level. IT Security Governance Innovations: Theory and Research provides extraordinary research which highlights the main contributions and characteristics of existing approaches, standards, best practices, and new trends in IT Security Governance. With theoretical and practical perspectives, the book aims to address IT Security Governance implementation in corporate organizations. This collection of works serves as a reference for CEOs and CIOs, security managers, systems specialists, computer science students, and much more.
For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.
Governance and Management Objectives
The Security Leaders' Guide to Business Alignment
Australasian Conference on Information Systems 2018
Information Security Governance
Achieving Organizational Agility, Intelligence, and Resilience Through Information Systems
Cloud Computing

The use of computers and other technology introduces a range of risks to electoral integrity. Cybersecurity for Elections explains how cybersecurity issues can compromise traditional aspects of elections, explores how cybersecurity interacts with the broader electoral environment, and offers principles for managing cybersecurity risks.
Welcome to the all-new second edition of Navigating the Digital Age. This edition brings together more than 50 leaders and visionaries from business, science, technology, government, aca¬demia, cybersecurity, and law enforce¬ment. Each has contributed an exclusive chapter designed to make us think in depth about the ramifications of this digi-tal world we are creating. Our purpose is to shed light on the vast possibilities that digital technologies present for us, with an emphasis on solving the existential challenge of cybersecurity. An important focus of the book is centered on doing business in the Digital Age-par¬ticularly around the need to foster a mu¬tual understanding between technical and non-technical executives when it comes to the existential issues surrounding cybersecurity. This book has come together in three parts. In Part 1, we focus on the future of threat and risks. Part 2 emphasizes lessons from today's world, and Part 3 is designed to help you ensure you are covered today. Each part has its own flavor and personal¬ity, reflective of its goals and purpose. Part 1 is a bit more futuristic, Part 2 a bit more experiential, and Part 3 a bit more practical. How we work together, learn from our mistakes, deliver a secure and safe digital future-those are the elements that make up the core thinking behind this book. We cannot afford to be complacent. Whether you are a leader in business, government, or education, you should be knowledgeable, diligent, and action-oriented. It is our sincerest hope that this book provides answers, ideas, and inspiration.If we fail on the cybersecurity front, we put all of our hopes and aspirations at risk. So we start this book with a simple proposition: When it comes to cybersecurity, we must succeed.
The Manager's Guide to Web Application Security is a concise, information-packed guide to application security risks every organization faces, written in plain language, with guidance on how to deal with those issues quickly and effectively. Often, security vulnerabilities are difficult to understand and quantify because they are the result of intricate programming deficiencies and highly technical issues. Author and noted industry expert Ron Lepofsky breaks down the technical barrier and identifies many real-world examples of security vulnerabilities commonly found by IT security auditors, translates them into business risks with identifiable consequences, and provides practical guidance about mitigating them. The Manager's Guide to Web Application Security describes how to fix and prevent these vulnerabilities in easy-to-understand discussions of vulnerability classes and their remediation. For easy reference, the information is also presented schematically in Excel spreadsheets available to readers for free download from the publisher's digital annex. The book is current, concise, and to the point—which is to help managers cut through the technical jargon and make the business decisions required to find, fix, and prevent serious vulnerabilities.
Praise for IT Portfolio Management Step-by-Step "Bryan Maizlish and Robert Handler bring their deep experience in IT 'value realization' to one of the most absent of all IT management practices--portfolio management. They capture the essence of universally proven investment practices and apply them to the most difficult of challenges--returning high strategic and dollar payoffs from an enterprise's IT department. The reader will find many new and rewarding insights to making their IT investments finally return market leading results." --John C. Reece, Chairman and CEO, John C. Reece & Associates, LLC Former deputy commissioner for modernization and CIO of the IRS "IT Portfolio Management describes in great detail the critical aspects, know-how, practical examples, key insights, and best practices to improve operational efficiency, corporate agility, and business competitiveness. It eloquently illustrates the methods of building and integrating a portfolio of IT investments to ensure the realization of maximum value and benefit, and to fully leverage the value of all IT assets. Whether you are getting started or building on your initial success in IT portfolio management, this book will provide you information on how to build and implement an effective IT portfolio management strategy." --David Mitchell, President and CEO, webMethods, Inc. "I found IT Portfolio Management very easy to read, and it highlights many of the seminal aspects and best practices from financial portfolio management. It is an important book for executive, business, and IT managers." --Michael J. Montgomery, President, Montgomery & Co. "IT Portfolio Management details a comprehensive framework and process showing how to align business and IT for superior value. Maizlish and Handler have the depth of experience, knowledge, and insight needed to tackle the challenges and opportunities companies face in optimizing their IT investment portfolios. This is an exceptionally important book for executive leadership and IT business managers, especially those wanting to build a process-managed enterprise." --Peter Fingar, Executive Partner Greystone Group, coauthor of The Real-Time Enterprise and Business Process Management (BPM): The Third Wave "A must-read for the non-IT manager who needs to understand the complexity and challenges of managing an IT portfolio. The portfolio management techniques, analysis tools, and planning can be applied to any project or function." --Richard "Max" Maksimoski, Senior Director R&D, The Scotts Company "This book provides an excellent framework and real-world based approach for implementing IT portfolio management. It is a must-read for every CIO staff considering how to strategically and operationally impact their company's bottom line." --Donavan R. Hardenbrook, New Product Development Professional, Intel Corporation
Exam CS0-001
MITRE Systems Engineering Guide
Global Security, Safety, and Sustainability
A Controls-Based Approach
Information Security and Employee Behaviour
Introduction and Methodology
Navigating the Digital Age
Enhance Windows security and protect your systems and servers from various cyber attacks Key Features Protect your device using a zero-trust approach and advanced security techniques Implement efficient security measures using Microsoft Intune, Configuration Manager, and Azure solutions Understand how to create cyber-threat defense solutions effectively Book Description Are you looking for effective ways to protect Windows-based systems from being compromised by unauthorized users? Mastering Windows Security and Hardening is a detailed guide that helps you gain expertise when implementing efficient security measures and creating robust defense solutions. We will begin with an introduction to Windows security fundamentals, baselining, and the importance of building a baseline for an organization. As you advance, you will learn how to effectively secure and harden your Windows-based system, protect identities, and even manage access. In the concluding chapters, the book will take you through testing, monitoring, and security operations. In addition to this, you'll be equipped with the tools you need to ensure compliance and continuous monitoring through security operations. By the end of this book, you'll have developed a full understanding of the processes and tools involved in securing and hardening your Windows environment. What you will learn Understand baselining and learn the best practices for building a baseline Get to grips with identity management and access management on Windows-based systems Delve into the device administration and remote management of Windows-based systems Explore security tips to harden your Windows server and keep clients secure Audit, assess, and test to ensure controls are successfully applied and enforced Monitor and report activities to stay on top of vulnerabilities Who this book is for This book is for system administrators, cybersecurity and technology professionals, solutions architects, or anyone interested in learning how to secure their Windows-based systems. A basic understanding of Windows security concepts, Intune, Configuration Manager, Windows PowerShell, and Microsoft Azure will help you get the best out of this book.
This groundbreaking book helps you master the management of information security, concentrating on the recognition and resolution of the practical issues of developing and implementing IT security for the enterprise. Drawing upon the authors' wealth of valuable experience in high-risk commercial environments, the work focuses on the need to align the information security process as a whole with the requirements of the modern enterprise, which involves empowering business managers to manage information security-related risk. Throughout, the book places emphasis on the use of simple, pragmatic risk management as a tool for decision-making. The first book to cover the strategic issues of IT security, it helps you to: understand the difference between more theoretical treatments of information security and operational reality; learn how information security risk can be measured and subsequently managed; define and execute an information security strategy design and implement a security architecture; and ensure that limited resources are used optimally. Illustrated by practical examples, this topical volume reveals the current problem areas in IT security deployment and management. Moreover, it offers guidelines for writing scalable and flexible procedures for developing an IT security strategy and monitoring its implementation. You discover an approach for reducing complexity and risk, and find tips for building a successful team and managing communications issues within the organization. This essential resource provides practical insight into contradictions in the current approach to securing enterprise-wide IT infrastructures, recognizes the need to continually challenge dated concepts, demonstrates the necessity of using appropriate risk management techniques, and evaluates whether or not a given risk is acceptable in pursuit of future business opportunities.
Examines a new form of power in contemporary global political economy, focusing on the hybrid authority of standards in the globalisation of services. This book is also available as Open Access.
This book establishes and explores existing and emerging theories on Small and Medium-sized Enterprises (SMEs) and the adoption of IT/IS. It presents the latest empirical research findings in that area of IS research and explores new technologies and practices. The book is written for researchers and professionals working in the field of IS research or the research of SMEs. Moreover, the book will be a reference for researchers, professionals and students in management information systems science and related fields.
Designing an Information and Technology Governance Solution
Documentation and Testing Under the New COSO Framework
The Power of Standards
State of Art of IS Research in SMEs
How to Reduce Risk Through Employee Education, Training and Awareness
Rational Cybersecurity for Business
COBIT 5
Your first step into the world of network security No security experience required Includes clear and easily understood explanations Makes learning easy Your first step to network security begins here! Learn about hackers and their attacks Understand security tools and technologies Defend your network with firewalls, routers, and other devices Explore security for wireless networks Learn how to prepare for security incidents Welcome to the world of network security! Computer networks are indispensable-but they're also not secure. With the proliferation of Internet viruses and worms, many people and companies are considering increasing their network security. But first, you need to make sense of this complex world of hackers, viruses, and the tools to combat them. No security experience needed! Network Security First-Step explains the basics of network security in easy-to-grasp language that all of us can understand. This book takes you on a guided tour of the core technologies that make up and control network security. Whether you are looking to take your first step into a career in network security or are interested in simply gaining knowledge of the technology, this book is for you!
Using the factor analysis of information risk (FAIR) methodology developed over ten years and adopted by corporations worldwide, Measuring and Managing Information Risk provides a proven and credible framework for understanding, measuring, and analyzing information risk of any size or complexity. Intended for organizations that need to either build a risk management program from the

ground up or strengthen an existing one, this book provides a unique and fresh perspective on how to do a basic quantitative risk analysis. Covering such key areas as risk theory, risk calculation, scenario modeling, and communicating risk within the organization, Measuring and Managing Information Risk helps managers make better business decisions by understanding their organizational risk. Uses factor analysis of information risk (FAIR) as a methodology for measuring and managing risk in any organization. Carefully balances theory with practical applicability and relevant stories of successful implementation. Includes examples from a wide variety of businesses and situations presented in an accessible writing style.

Ease the transition to the new COSO framework with practical strategy Internal Control Audit and Compliance provides complete guidance toward the latest framework established by the Committee of Sponsoring Organizations (COSO). With clear explanations and expert advice on implementation, this helpful guide shows auditors and accounting managers how to document and test internal controls over financial reporting with detailed sections covering each element of the framework. Each section highlights the latest changes and new points of emphasis, with explicit definitions of internal controls and how they should be assessed and tested. Coverage includes easing the transition from older guidelines, with step-by-step instructions for implementing the new changes. The new framework identifies seventeen new principles, each of which are explained in detail to help readers understand the new and emerging best practices for efficiency and effectiveness. The revised COSO framework includes financial and non-financial reporting, as well as both internal and external reporting objectives. It is essential for auditors and controllers to understand the new framework and how to document and test under the new guidance. This book clarifies complex codification and provides an effective strategy for a more rapid transition. Understand the new COSO internal controls framework Document and test internal controls to strengthen business processes Learn how requirements differ for public and non-public companies Incorporate improved risk management into the new framework The new framework is COSO's first complete revision since the release of the initial framework in 1992. Companies have become accustomed to the old guidelines, and the necessary procedures have become routine – making the transition to align with the new framework akin to steering an ocean liner. Internal Control Audit and Compliance helps ease that transition, with clear explanation and practical implementation guidance.

Theory and Research

6th International Conference, ICGS3 2010, Braga, Portugal, September 1-3, 2010. Proceedings

A FAIR Approach

COBIT 2019 Design Guide

The Definitive Cybersecurity Guide for Directors and Officers

Effective Cybersecurity

Self-assessment Guide Using COBIT® 5