

Cobit 5 For Information Security

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Controls & Assurance in the Cloud: Using COBIT 5 - ISACA 2014-03-24

"This practical guidance was created for enterprises using or considering using cloud computing. It provides a governance and control framework based on COBIT 5 and an audit program using COBIT 5 for Assurance. This information can assist enterprises in assessing the potential value of cloud investments to determine whether the risk is within the acceptable level. In addition, it provides a list of publications and resources that can help determine if cloud computing is the appropriate solution for the data and processes being considered."--

[Building an Effective Cybersecurity Program, 2nd Edition](#) - Tari Schreider 2019-10-22

BUILD YOUR CYBERSECURITY PROGRAM WITH THIS COMPLETELY UPDATED GUIDE Security practitioners now have a comprehensive blueprint to build their cybersecurity programs. Building an Effective Cybersecurity Program (2nd Edition) instructs security architects, security managers, and security engineers how to properly construct effective cybersecurity programs using contemporary architectures, frameworks, and models. This comprehensive book is the result of the author's professional experience and involvement in designing and deploying hundreds of cybersecurity programs. The extensive content includes: Recommended design approaches, Program structure, Cybersecurity technologies, Governance Policies, Vulnerability, Threat and intelligence capabilities, Risk management, Defense-in-depth, DevSecOps, Service management, ...and much more! The book is presented as a practical roadmap detailing each step required for you to build your effective cybersecurity program. It also provides many design templates to assist in program builds and all chapters include self-study questions to gauge your progress.

With this new 2nd edition of this handbook, you can move forward confidently, trusting that Schreider is recommending the best components of a cybersecurity program for you. In addition, the book provides hundreds of citations and references allow you to dig deeper as you explore specific topics relevant to your organization or your studies. Whether you are a new manager or current manager involved in your organization's cybersecurity program, this book will answer many questions you have on what is involved in building a program. You will be able to get up to speed quickly on program development practices and have a roadmap to follow in building or improving your organization's cybersecurity program. If you are new to cybersecurity in the short period of time it will take you to read this book, you can be the smartest person in the room grasping the complexities of your organization's cybersecurity program. If you are a manager already involved in your organization's cybersecurity program, you have much to gain from reading this book. This book will become your go to field manual guiding or affirming your program decisions.

[Security Considerations for Cloud Computing](#) - ISACA 2012-11-09

[Enterprise Governance of Information Technology](#) - Steven De Haes 2015-03-04

Featuring numerous case examples from companies around the world, this second edition integrates theoretical advances and empirical data with practical applications, including in-depth discussion on the COBIT 5 framework which can be used to build, measure and audit enterprise governance of IT approaches. At the forefront of the field, the authors of this volume draw from years of research and advising corporate clients to present a comprehensive resource on enterprise governance of IT (EGIT). Information technology (IT) has become a crucial enabler in the support, sustainability and growth of enterprises. Given this pervasive role of IT, a specific focus on EGIT has arisen over the last two decades, as an integral part of corporate governance. Going well beyond the

implementation of a superior IT infrastructure, enterprise governance of IT is about defining and embedding processes and structures throughout the organization that enable boards and business and IT people to execute their responsibilities in support of business/IT alignment and value creation from their IT-enabled investments. Featuring a variety of elements, including executive summaries and sidebars, extensive references and questions and activities (with additional materials available on-line), this book will be an essential resource for professionals, researchers and students alike

Information Security Policies, Procedures, and Standards - Douglas J. Landoll 2017-03-27

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

[Building an Effective Security Program for Distributed Energy Resources and Systems](#) - Mariana Hentea 2021-04-06

Building an Effective Security Program for Distributed Energy Resources and Systems Build a critical and effective security program for DERs Building an Effective Security Program for Distributed Energy Resources and Systems requires a unified approach to establishing a critical security program for DER systems and Smart Grid applications. The methodology provided integrates systems security engineering principles, techniques, standards, and best practices. This publication introduces engineers on the design, implementation, and maintenance of a security program for distributed energy resources (DERs), smart grid, and industrial control systems. It provides security professionals with understanding the specific requirements of industrial control systems and real-time constrained applications for power systems. This book: Describes the cybersecurity needs for DERs and power grid as critical infrastructure Introduces the information security principles to assess and manage the security and privacy risks of the emerging Smart Grid technologies Outlines the functions of the security program as well as the scope and differences between traditional IT system security requirements and those required for industrial control systems such as SCADA systems Offers a full array of resources— cybersecurity concepts, frameworks, and emerging trends Security Professionals and Engineers can use Building an Effective Security Program for Distributed Energy Resources and Systems as a reliable resource that is dedicated to the essential topic of security for distributed energy resources and power grids. They will find standards, guidelines, and recommendations from standards organizations, such as ISO, IEC, NIST, IEEE, ENISA, ISA,

ISACA, and ISF, conveniently included for reference within chapters. Securing an IT Organization Through Governance, Risk Management, and Audit - Ken E. Sigler 2020-09-30

Past events have shed light on the vulnerability of mission-critical computer systems at highly sensitive levels. It has been demonstrated that common hackers can use tools and techniques downloaded from the Internet to attack government and commercial information systems. Although threats may come from mischief makers and pranksters, they are more likely to result from hackers working in concert for profit, hackers working under the protection of nation states, or malicious insiders. Securing an IT Organization through Governance, Risk Management, and Audit introduces two internationally recognized bodies of knowledge: Control Objectives for Information and Related Technology (COBIT 5) from a cybersecurity perspective and the NIST Framework for Improving Critical Infrastructure Cybersecurity (CSF). Emphasizing the processes directly related to governance, risk management, and audit, the book provides details of a cybersecurity framework (CSF), mapping each of the CSF steps and activities to the methods defined in COBIT 5. This method leverages operational risk understanding in a business context, allowing the information and communications technology (ICT) organization to convert high-level enterprise goals into manageable, specific goals rather than unintegrated checklist models. The real value of this methodology is to reduce the knowledge fog that frequently engulfs senior business management, and results in the false conclusion that overseeing security controls for information systems is not a leadership role or responsibility but a technical management task. By carefully reading, implementing, and practicing the techniques and methodologies outlined in this book, you can successfully implement a plan that increases security and lowers risk for you and your organization.

Configuration Management: Using COBIT 5 - ISACA 2013-07-23

COBIT 5 for Information Security - ISACA 2012

COBIT 5 provides a comprehensive framework that assists enterprises in achieving their objectives for the governance and management of enterprise IT. COBIT 5 enables IT to be governed and managed in a holistic manner for the entire enterprise, taking into account the full end-to-end business and IT functional areas of responsibility, considering IT-related interests of internal and external stakeholders.

GDPR and Cyber Security for Business Information Systems -

Antoni Gobeo 2022-09-01

The General Data Protection Regulation is the latest, and one of the most stringent, regulations regarding Data Protection to be passed into law by the European Union. Fundamentally, it aims to protect the Rights and Freedoms of all the individuals included under its terms; ultimately the privacy and security of all our personal data. This requirement for protection extends globally, to all organisations, public and private, wherever personal data is held, processed, or transmitted concerning any EU citizen. Cyber Security is at the core of data protection and there is a heavy emphasis on the application of encryption and state of the art technology within the articles of the GDPR. This is considered to be a primary method in achieving compliance with the law. Understanding the overall use and scope of Cyber Security principles and tools allows for greater efficiency and more cost effective management of Information systems. GDPR and Cyber Security for Business Information Systems is designed to present specific and practical information on the key areas of compliance to the GDPR relevant to Business Information Systems in a global context.

Information Technology for Management - Efraim Turban

2018-01-31

Information technology is ever-changing, and that means that those who are working, or planning to work, in the field of IT management must always be learning. In the new edition of the acclaimed Information Technology for Management, the latest developments in the real world of IT management are covered in detail thanks to the input of IT managers and practitioners from top companies and organizations from around the world. Focusing on both the underlying technological developments in the field and the important business drivers performance, growth and sustainability—the text will help students explore and understand the vital importance of IT's role vis-a-vis the three components of business performance improvement: people, processes, and technology. The book also features a blended learning approach that employs content that is presented visually, textually, and interactively to enable students with different learning styles to easily understand and retain information. Coverage of next technologies is up to date, including cutting-edged

technologies, and case studies help to reinforce material in a way that few texts can.

Information Security Governance - W. Krag Brotby 2007

The Cyber Risk Handbook - Domenic Antonucci 2017-04-03

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.

Information Security Governance - S.H. Solms 2008-12-16

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.

Information Technology Risk Management and Compliance in Modern Organizations - Gupta, Manish 2017-06-19

Attacks on information systems and applications have become more prevalent with new advances in technology. Management of security and quick threat identification have become imperative aspects of technological applications. Information Technology Risk Management and Compliance in Modern Organizations is a pivotal reference source featuring the latest scholarly research on the need for an effective chain of information management and clear principles of information technology governance. Including extensive coverage on a broad range of topics such as compliance programs, data leak prevention, and security architecture, this book is ideally designed for IT professionals, scholars, researchers, and academicians seeking current research on risk management and compliance.

COBIT 2019 Framework - Isaca 2018-11

COBIT® 5 - A Management Guide - Pierre Bernard 2012-06-06

This Management Guide provides readers with two benefits. First, it is a quick-reference guide to IT governance for those who are not acquainted with this field. Second, it is a high-level introduction to ISACA's open standard COBIT 5.0 that will encourage further study. This guide follows the process structure of COBIT 5.0. This guide is aimed at business and IT (service) managers, consultants, auditors and anyone interested in learning more about the possible application of IT governance standards in the IT management domain. In addition, it provides students in IT and Business Administration with a compact reference to COBIT 5.0.

Building Effective Cybersecurity Programs - Tari Schreider, SSCP, CISM, C|CISO, ITIL Foundation 2017-10-20

You know by now that your company could not survive without the Internet. Not in today's market. You are either part of the digital economy or reliant upon it. With critical information assets at risk, your company requires a state-of-the-art cybersecurity program. But how do you achieve the best possible program? Tari Schreider, in *Building Effective Cybersecurity Programs: A Security Manager's Handbook*, lays out the step-by-step roadmap to follow as you build or enhance your cybersecurity program. Over 30+ years, Tari Schreider has designed and implemented cybersecurity programs throughout the world, helping hundreds of companies like yours. Building on that experience, he has created a clear roadmap that will allow the process to go more smoothly for you. *Building Effective Cybersecurity Programs: A Security Manager's Handbook* is organized around the six main steps on the roadmap that will put your cybersecurity program in place: Design a Cybersecurity Program Establish a Foundation of Governance Build a Threat, Vulnerability Detection, and Intelligence Capability Build a Cyber Risk Management Capability Implement a Defense-in-Depth Strategy Apply Service Management to Cybersecurity Programs Because Schreider has researched and analyzed over 150 cybersecurity architectures, frameworks, and models, he has saved you hundreds of hours of research. He sets you up for success by talking to you directly as a friend and colleague, using practical examples. His book helps you to: Identify the proper cybersecurity program roles and responsibilities. Classify assets and identify vulnerabilities. Define an effective cybersecurity governance foundation. Evaluate the top governance frameworks and models. Automate your governance program to make it more effective. Integrate security into your application development process. Apply defense-in-depth as a multi-dimensional strategy. Implement a service management approach to implementing countermeasures. With this handbook, you can move forward confidently, trusting that Schreider is recommending the best components of a cybersecurity program for you. In addition, the book provides hundreds of citations and references allow you to dig deeper as you explore specific topics relevant to your organization or your studies.

The Cyber Risk Handbook - Domenic Antonucci 2017-05-01

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.

Information Security Governance Simplified - Todd Fitzgerald 2016-04-19

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.

ECCWS 2019 18th European Conference on Cyber Warfare and Security - Tiago Cruz 2019-07-04

Vendor Management: Using COBIT 5 - ISACA 2014-02-01

CISO COMPASS - Todd Fitzgerald 2018-11-21

Todd Fitzgerald, co-author of the ground-breaking (ISC)2 *CISO Leadership: Essential Principles for Success*, *Information Security Governance Simplified: From the Boardroom to the Keyboard*, co-author for the E-C Council *CISO Body of Knowledge*, and contributor to many others including Official (ISC)2 *Guide to the CISSP CBK*, *COBIT 5 for Information Security*, and *ISACA CSX Cybersecurity Fundamental Certification*, is back with this new book incorporating practical experience in leading, building, and sustaining an information security/cybersecurity program. *CISO COMPASS* includes personal, pragmatic perspectives and lessons learned of over 75 award-winning CISOs, security leaders, professional association leaders, and cybersecurity standard setters who have fought the tough battle. Todd has also, for the first time, adapted the McKinsey 7S framework (strategy, structure, systems, shared values, staff, skills and style) for organizational effectiveness to the practice of leading cybersecurity to structure the content to ensure comprehensive coverage by the CISO and security leaders to key issues impacting the delivery of the cybersecurity strategy and demonstrate to the Board of Directors due diligence. The insights will assist the security leader to create programs appreciated and supported by the organization, capable of industry/ peer award-winning recognition, enhance cybersecurity maturity, gain confidence by senior management, and avoid pitfalls. The book is a comprehensive, soup-to-nuts book enabling security leaders to effectively protect information assets and build award-winning programs by covering topics such as developing cybersecurity strategy, emerging trends and technologies, cybersecurity organization structure and reporting models, leveraging current incidents, security control frameworks, risk management, laws and regulations, data protection and privacy, meaningful policies and procedures, multi-generational workforce team dynamics, soft skills, and communicating with the Board of Directors and executive management. The book is valuable to current and future security leaders as a valuable resource and an integral part of any college program for information/ cybersecurity.

IT Governance and Information Security - Yassine Maleh 2021-12-21

IT governance seems to be one of the best strategies to optimize IT assets in an economic context dominated by information, innovation, and the race for performance. The multiplication of internal and external data and increased digital management, collaboration, and sharing platforms exposes organizations to ever-growing risks. Understanding the threats, assessing the risks, adapting the organization, selecting and implementing the appropriate controls, and implementing a management system are the activities required to establish proactive security governance that will provide management and customers the assurance of an effective mechanism to manage risks. *IT Governance and Information Security: Guides, Standards, and Frameworks* is a fundamental resource to discover IT governance and information security. This book focuses on the guides, standards, and maturity frameworks for adopting an efficient IT governance and information security strategy in the organization. It describes numerous case studies from an international perspective and brings together industry standards and research from scientific databases. In this way, this book clearly illustrates the issues, problems, and trends related to the topic while promoting the international perspectives of readers. This book offers comprehensive coverage of the essential topics, including: IT governance guides and practices; IT service management as a key pillar for IT governance; Cloud computing as a key pillar for Agile IT governance; Information security governance and maturity frameworks. In this new book, the authors share their experience to help you navigate today's dangerous information security terrain and take proactive steps to measure your company's IT governance and information security maturity and prepare your organization to survive, thrive, and keep your data safe. It aspires to provide a relevant reference for executive managers, CISOs, cybersecurity professionals, engineers, and

researchers interested in exploring and implementing efficient IT governance and information security strategies.

Effective Cybersecurity - William Stallings 2018-07-20

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.

COBIT 5 for Assurance - ISACA 2013

Building on the COBIT 5 framework, this guide focuses on assurance and provides more detailed and practical guidance for assurance professionals and other interested parties at all levels of the enterprise on how to use COBIT 5 to support a variety of IT assurance activities.

COBIT 2019 Framework - Isaca 2018-11

COBIT 5 - Information Systems Audit and Control Association 2012

Transforming Cybersecurity: Using COBIT 5 - ISACA 2013-06-18

The cost and frequency of cybersecurity incidents are on the rise, is your enterprise keeping pace? The numbers of threats, risk scenarios and vulnerabilities have grown exponentially. Cybersecurity has evolved as a new field of interest, gaining political and societal attention. Given this magnitude, the future tasks and responsibilities associated with cybersecurity will be essential to organizational survival and profitability. This publication applies the COBIT 5 framework and its component publications to transforming cybersecurity in a systemic way. First, the impacts of cybercrime and cyberwarfare on business and society are illustrated and put in context. This section shows the rise in cost and frequency of security incidents, including APT attacks and other threats with a critical impact and high intensity. Second, the transformation addresses security governance, security management and security assurance. In accordance with the lens concept within COBIT 5, these sections cover all elements of the systemic transformation and cybersecurity improvements.

COBIT 5 - ISACA 2012

This publication complements COBIT 5 and contains a detailed reference guide to the processes defined in the COBIT 5 process reference model.

Governance of Enterprise IT based on COBIT 5 - Geoff Harmer 2014-02-06

Written for IT service managers, consultants and other practitioners in IT governance, risk and compliance, this practical book discusses all the key concepts of COBIT@5, and explains how to direct the governance of enterprise IT (GEIT) using the COBIT@5 framework. The book also covers the main frameworks and standards supporting GEIT, discusses the ideas of enterprise and governance, and shows the path from corporate governance to the governance of enterprise IT.

COBIT 2019 Design Guide - Isaca 2018-11-30

COBIT 5: Enabling Information - ISACA 2013-10-10

COBIT 5 - ISACA 2012

COBIT 5 is the overarching business and management framework for

governance and management of enterprise IT. This volume documents the five principles of COBIT 5 and defines the 7 supporting enablers that form the framework. COBIT 5 is the only business framework for the governance and management of enterprise IT. This evolutionary version incorporates the latest thinking in enterprise governance and management techniques, and provides globally accepted principles, analytical tools and models to help increase the trust in, and value from, information systems. COBIT 5 builds and expands on COBIT 4.1 by integrating other major frameworks, standards and resources, including: ISACA's Val IT and Risk IT Information Technology Infrastructure Library (ITIL). Related standards from the International Organization for Standardization (ISO). COBIT 5 helps enterprises of all sizes: Maintain high-quality information to support business decisions Achieve strategic goals and realize business benefits through the effective and innovative use of IT Achieve operational excellence through reliable, efficient application of technology Maintain IT-related risk at an acceptable level Optimize the cost of IT services and technology. Support compliance with relevant laws, regulations, contractual agreements and policies.

Information Security Governance Simplified - Todd Fitzgerald 2020-09-30

Security practitioners must be able to build cost-effective security programs while also complying with government regulations. *Information Security Governance Simplified: From the Boardroom to the Keyboard* lays out these regulations in simple terms and explains how to use control frameworks to build an air-tight information security (IS) program and governance structure. Defining the leadership skills required by IS officers, the book examines the pros and cons of different reporting structures and highlights the various control frameworks available. It details the functions of the security department and considers the control areas, including physical, network, application, business continuity/disaster recover, and identity management. Todd Fitzgerald explains how to establish a solid foundation for building your security program and shares time-tested insights about what works and what doesn't when building an IS program. Highlighting security considerations for managerial, technical, and operational controls, it provides helpful tips for selling your program to management. It also includes tools to help you create a workable IS charter and your own IS policies. Based on proven experience rather than theory, the book gives you the tools and real-world insight needed to secure your information while ensuring compliance with government regulations.

The Master Guide to Controllers' Best Practices - Elaine Stattler 2020-06-10

The essential guide for today's savvy controllers Today's controllers are in leadership roles that put them in the unique position to see across all aspects of the operations they support. *The Master Guide to Controllers' Best Practices, Second Edition* has been revised and updated to provide controllers with the information they need to successfully monitor their organizations' internal control environments and offer direction and consultation on internal control issues. In addition, the authors include guidance to help controllers carryout their responsibilities to ensure that all financial accounts are reviewed for reasonableness and are reconciled to supporting transactions, as well as performing asset verification. Comprehensive in scope the book contains the best practices for controllers and: Reveals how to set the right tone within an organization and foster an ethical climate Includes information on risk management, internal controls, and fraud prevention Highlights the IT security controls with the key components of successful governance Examines the crucial role of the controller in corporate compliance and much more *The Master Guide to Controllers' Best Practices* should be on the bookshelf of every controller who wants to ensure the well-being of their organization.

Cobit 5 Foundation-Reference and Study Guide - Ana Cecilia Delgado 2016-06-20

Control Objectives for Information and Related Technology (COBIT) is a framework created by ISACA for information technology (IT) management and IT governance. It is a supporting toolset that allows managers to bridge the gap between control requirements, technical issues and business risks. The COBIT 5 framework for the governance and management of enterprise IT is a leading-edge business optimization and growth roadmap that leverages proven practices, global thought leadership and ground-breaking tools to inspire IT innovation and fuel business success. This publication is directed to readers that are interested in understanding the key terms, principles and facts of COBIT 5 at a foundation level and to those learners interested in achieving the COBIT 5 Foundation certification. The publication serves as a self-study

guide for the Foundation certification as it follows the official course syllabus and contains a sample exam paper.

COBIT 5 for Risk - ISACA 2013-09-25

Information is a key resource for all enterprises. From the time information is created to the moment it is destroyed, technology plays a significant role in containing, distributing and analysing information. Technology is increasingly advanced and has become pervasive in enterprises and the social, public and business environments.

Securing Mobile Devices Using COBIT 5 for Information Security - Information Systems Audit and Control Association 2012

Security and Privacy Management, Techniques, and Protocols -

Maleh, Yassine 2018-04-06

The security of information and communication technology is a high priority for any organization. By examining the current problems and challenges this domain is facing, more efficient strategies can be established to safeguard personal information against invasive pressures. Security and Privacy Management, Techniques, and Protocols is a critical scholarly resource that examines emerging protocols and methods for effective management of information security at organizations. Featuring coverage on a broad range of topics such as cryptography, secure routing protocols, and wireless security, this book is geared towards academicians, engineers, IT specialists, researchers, and students seeking current research on security and privacy management.