Security Controls For Sarbanes Oxley Section 404 IT Compliance Authorization Authentication And Access

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Risk Management Solutions for Sarbanes-Oxley Section 404 IT Compliance John Wiley & Sons
Sharing secrets for the effective creation of auditing mechanisms for Health/Insurance Portability and Accountability Act of 1996 (HIPAA) compliant Oracle systems, this book demonstrates how the HIPAA framework provides complete security access and auditing for Oracle database information. Complete details for using Oracle auditing features, including auditing from Oracle redo logs, using system-level triggers, and using Oracle9i fine-grained auditing (FGA) for auditing of the retrieval of sensitive information, are provided. Examples from all areas of auditing are covered and include working scripts and code snippets. Also discussed are the use of the Oracle9i LogMiner to retrieve audits of database updates and how to implement all Oracle system-level triggers for auditing, including DDL triggers, server error triggers, and login and logoff triggers.
Sarbanes-Oxley For Dummies McGraw Hill Professional
Sarbanes-Oxley Internal Controls: Effective Auditing with AS5, CobiT, and ITIL is essential reading for professionals facing the obstacle of improving internal controls in their businesses. This timely resource provides at-your-fingertips critical compliance and internal audit best practices for today's world of SOx internal controls. Detailed and practical, this introductory handbook will help you to revitalize your business and drive greater performance.
IT Control Objectives for Sarbanes-Oxley John Wiley & Sons
The book provides any SOX practitioner with immediate access to pragmatic processes for use in either the initial or ongoing phases for Sarbanes Oxley 404. The entire SOX process is reviewed in detail with examples, forms and formats provided to assist you in developing sustainable, cost efficient processes. The book provides both the Entity Level and Transaction level control streams in detail. It defines critical elements for the SOX process including the organization structure required, the SOX Repository, Management analyses and reports, Risk Assessment Processes on both the Entity and Transaction levels, the optimal SOX fiscal calendar, the Deficiency Management Process (including aggregation), External Auditor Coordination, Sub certification processes, etc.
Sarbanes-Oxley IT Compliance Using Open Source Tools AuthorHouse
Secure Your Systems Using the Latest IT Auditing Techniques Fully updated to cover leading-edge tools and technologies, IT Auditing: Using Controls to Protect Information Assets, Third Edition explains, step by step, how to implement a successful, enterprise-wide IT audit program. New chapters on auditing cybersecurity programs, big data and data repositories, and new technologies are included. This comprehensive guide describes how to assemble an effective IT audit team and maximize the value of the IT audit function. In-depth details on performing specific audits are accompanied by real-world examples, ready-to-use checklists, and valuable templates. Standards, frameworks, regulations, and risk management techniques are also covered in this definitive resource. · Build and maintain an internal IT audit function with maximum effectiveness and value · Audit entity-level controls and cybersecurity programs · Assess data centers and disaster recovery · Examine switches, routers, and firewalls · Evaluate Windows, UNIX, and Linux operating systems · Audit Web servers and applications · Analyze databases and storage solutions · Review big data and data repositories · Assess end user computer devices, including PCs and mobile devices · Audit virtualized environments · Evaluate risks associated with cloud computing and outsourced operations · Drill down into applications and projects to find potential control weaknesses · Learn best practices for auditing new technologies · Use standards and frameworks, such as COBIT, ITIL, and ISO · Understand regulations, including Sarbanes-Oxley, HIPAA, and PCI · Implement proven risk management practices
Systems Analysis and Design iUniverse
Presents theories and models associated with information privacy and safeguard practices to help anchor and guide the development of technologies, standards, and best practices. Provides recent, comprehensive coverage of all issues related to information security and ethics, as well as the opportunities, future challenges, and emerging trends related to this subject.
ISO 27001 controls – A guide to implementing and auditing Butterworth-Heinemann
"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.

Business Practical Security John Wiley & Sons

What is the importance of Sections 302 and 404? "Implementing" SOX using COSO and COBIT SOX's impact on foreign companies andnonprofits Achieving cost-effective sustainable compliance The evolving role of the SEC and the PCAOB Praise for ESSENTIALS OF SARBANES-OXLEY "Since its enactment in 2002, the Sarbanes-Oxley Act and its Section 404 internal control requirements have caused many a great deal of 'pain and suffering!' With its emphasis on what Sanjay Anand frequently reminds us is the 'real world,' this book should reduce some of that pain as it provides a practical and very realistic approach for an effective implementation of Sarbanes-Oxley internal control processes. The book has references to the new changes in auditing standards and emphasizes achieving sustainable compliance-practical and realistic approaches." —Robert R. Moeller, President, Compliance & Control Systems, Inc. "Sanjay Anand has provided what every busy executive needs, a concise overview of Sarbanes-Oxley Act essentials. His book is a terrific reference text that I recommend to anyone who needs to quickly understand the substance of the Act." —Scott Green, Chief Administration Officer Weil, Gotshal & Manges LLP "If you are looking to put together the various pieces-finance, accounting, audit, legal, IT, ethics-and understand the 'big picture' of the Sarbanes-Oxley Act, there is no other book like this. With 'Tips & Techniques' and 'In the Real World' examples, this book brings lively, practical, tangible, and compressible dimensions to a complex, multifaceted (and often dry) subject. This is essential reading for those new to the process and old hands going into their third and fourth years of SOX. It will also help those in other countries adopting SOX-like internal controls and regulations." —Dr. Anthony Tarantino, Governance, Risk, and Compliance Center of Excellence, IBM, Financial Services Sector, Silicon Valley and New York City Written by Sanjay Anand, one of the world's leading corporate governance, risk management, and regulatory compliance experts, this simple to use book is designed with appreciation for demanding professional obligations, with information always easy to find and at your fingertips. Essentials of Sarbanes-Oxley equips you with the knowledge you and all your company members need to initiate a SOX project, allocate a budget, and help your company achieve compliance.

The Impact of the Sarbanes-Oxley Act McGraw Hill Professional

Protect Your Systems with Proven IT Auditing Strategies "A must-have for auditors and IT professionals." -Doug Dexter, CISSP-ISSMP, CISA, Audit Team Lead, Cisco Systems, Inc. Plan for and manage an effective IT audit program using the in-depth information contained in this comprehensive resource. Written by experienced IT audit and security professionals, IT Auditing: Using Controls to Protect Information Assets covers the latest auditing tools alongside real-world examples, ready-to-use checklists, and valuable templates. Inside, you'll learn how to analyze Windows, UNIX, and Linux systems; secure databases; examine wireless networks and devices; and audit applications. Plus, you'll get up-to-date information on legal standards and practices, privacy and ethical issues, and the CobiT standard. Build and maintain an IT audit function with maximum effectiveness and value Implement best practice IT audit processes and controls Analyze UNIX-, Linux-, and Windows-based operating systems Audit network routers, switches, firewalls, WLANs, and mobile devices Evaluate entity-level controls, data centers, and disaster recovery plans Examine Web servers, platforms, and applications for vulnerabilities Review databases for critical controls Use the COSO, CobiT, ITIL, ISO, and NSA INFOSEC methodologies Implement sound risk analysis and risk management practices Drill down into applications to find potential control weaknesses

Information Security Fundamentals, Second Edition Apress

This section discusses IT audit cybersecurity and privacy control activities from two focus areas. First is focus on some of the many cybersecurity and privacy concerns that auditors should consider in their reviews of IT-based systems and processes. Second focus area includes IT Audit internal procedures. IT audit functions sometimes fail to implement appropriate security and privacy protection controls over their own IT audit processes, such as audit evidence materials, IT audit workpapers, auditor laptop computer resources, and many others. Although every audit department is different, this section suggests best practices for an IT audit function and concludes with a discussion on the payment card industry data security standard data security standards (PCI-DSS), a guideline that has been developed by major credit card companies to help enterprises that process card payments prevent credit card fraud and to provide some protection from various credit security vulnerabilities and threats. IT auditors should understand the high-level key elements of this standard and incorporate it in their review where appropriate.

Protecting Your Assets CRC Press

Shed some illumination on the dark recesses of "Maybe someday I'll get to it". Today is the day to "get to it". Learn how to protect your business assets from fraud, misuse, and abuse. Small business owners are too busy operating their businesses to read mega-length text books about business and computer security. Business continuity. Disaster recovery. Computer access controls. These are some of the most important areas of business, and too often neglected in the small business environment. Learn how to protect your company and your future, today.

Managing Risk and Information Security ISACA

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.

IT Auditing: Using Controls to Protect Information Assets John Wiley & Sons

A Proven Program & Business Model for Security A complete and proven Information Security Program and services used by numerous organizations to apply practical security controls. Business Practical Security Inc ¿ s. products and services provide regulatory compliance such as Sarbanes-Oxley, HIPAA, and GLBA. The defined practices are based on ISO17799, COBIT, and the National Institute of Standards & Technology.

Sarbanes-Oxley and the New Internal Auditing Rules Rampant TechPress

This book provides Finance professionals, Treasurers, and CFOs with a roadmap for making their SAP processes compliant with SOX requirements. Combining comprehensive coverage of the major applications (Electronic Banking, Positive Pay, Cash & Liquidity Management, In-House Cash) with discussion of relevant control structures, processes, and compliance matrices for each, this book lends guidance to those tasked with integrating SOX compliance into established or proposed SAP implementations. The authors focus first on processes (e.g., intercompany processing), then expand to specific applications (e.g., In-House Cash), followed by a summary of the associated controls (e.g., domestic vs. foreign processing). Functional-level finance professionals involved in the daily management of a Treasury implementation, particularly, will find many proven processes with which to build or enhance effective compliance strategies.

How to Comply with Sarbanes-Oxley Section 404 John Wiley & Sons

The Sarbanes-Oxley Act (officially titled the Public Company

Accounting Reform and Investor Protection Act of 2002), signed into law on 30 July 2002 by President Bush, is considered the most significant change to federal securities laws in the United States since the New Deal. It came in the wake of a series of corporate financial scandals, including those affecting Enron, Arthur Andersen, and WorldCom. The law is named after Senator Paul Sarbanes and Representative Michael G. Oxley. It was approved by the House by a vote of 423-3 and by the Senate 99-0. This book illustrates the many Open Source cost-saving opportunities that public companies can explore in their IT enterprise to meet mandatory compliance requirements of the Sarbanes-Oxley act. This book will also demonstrate by example and technical reference both the infrastructure components for Open Source that can be made compliant, and the Open Source tools that can aid in the journey of compliance. Although many books and reference material have been authored on the financial and business side of Sox compliance, very little material is available that directly address the information technology considerations, even less so on how Open Source fits into that discussion. The format of the book will begin each chapter with the IT business and executive considerations of Open Source and SOX compliance. The remaining chapter verbiage will include specific examinations of Open Source applications and tools which relate to the given subject matter. * Only book that shows companies how to use Open Source tools to achieve SOX compliance, which dramatically lowers the cost of using proprietary, commercial applications. * Only SOX compliance book specifically detailing steps to achieve SOX compliance for IT Professionals.

CSO John Wiley & Sons

The business to business trade publication for information and physical Security professionals.

IT Auditing and Sarbanes-Oxley Compliance Jones & Bartlett Learning

When it comes to computer security, the role of auditors today has never been more crucial. Auditors must ensure that all computers, in particular those dealing with e-business, are secure. The only source for information on the combined areas of computer audit, control, and security, the IT Audit, Control, and Security describes the types of internal controls, security, and integrity procedures that management must build into its automated systems. This very timely book provides auditors with the guidance they need to ensure that their systems are secure from both internal and external threats.

IT Audit, Control, and Security SAP PRESS

This book provides step by step directions for organizations to adopt a security and compliance related architecture according to mandatory legal provisions and standards prescribed for their industry, as well as the methodology to maintain the compliances. It sets a unique mechanism for monitoring controls and a dashboard to maintain the level of compliances. It aims at integration and automation to reduce the fatigue of frequent compliance audits and build a standard baseline of controls to comply with the applicable standards and regulations to which the organization is subject. It is a perfect reference book for professionals in the field of IT governance, risk management, and compliance. The book also illustrates the concepts with charts, checklists, and flow diagrams to enable management to map controls with compliances.

The Sarbanes-Oxley Act CRC Press

Managing Risk and Information Security: Protect to Enable, an ApressOpen title, describes the changing risk environment and why a fresh approach to information security is needed. Because almost every aspect of an enterprise is now dependent on technology, the focus of IT security must shift from locking down assets to enabling the business while managing and surviving risk. This compact book discusses business risk from a broader perspective, including privacy and regulatory considerations. It describes the increasing number of threats and vulnerabilities, but also offers strategies for developing solutions. These include discussions of how enterprises can take advantage of new and emerging technologies—such as social media and the huge proliferation of Internet-enabled devices—while minimizing risk. With ApressOpen, content is freely available through multiple online distribution channels and electronic formats with the goal of disseminating professionally edited and technically reviewed content to the worldwide community. Here are some of the responses from reviewers of this exceptional work: " Managing Risk and Information Security is a perceptive, balanced, and often thought-provoking exploration of evolving information risk and security challenges within a business context. Harkins clearly connects the needed, but often-overlooked linkage and dialog between the business and technical worlds and offers actionable strategies. The book contains eye-opening security insights that are easily understood, even by the curious layman. " Fred Wettling, Bechtel Fellow, IS&T Ethics & Compliance Officer, Bechtel " As disruptive technology innovations and escalating cyber threats continue to create enormous information security challenges, Managing Risk and Information Security: Protect to Enable provides a much-needed perspective. This book compels information security professionals to think differently about concepts of risk management in order to be more effective. The specific and practical guidance offers a fast-track formula for developing information security strategies which are lock-step with business priorities. " Laura Robinson, Principal, Robinson Insight Chair, Security for Business Innovation Council (SBIC) Program Director, Executive Security Action Forum (ESAF) " The mandate of the information security function is being completely rewritten. Unfortunately most heads of security haven ' t picked up on the change, impeding their companies ' agility and ability to innovate. This book makes the case for why security needs to change, and shows how to get started. It will be regarded as marking the turning point in information security for years to come. " Dr. Jeremy Bergsman, Practice Manager, CEB " The world we are responsible to protect is changing dramatically and at an accelerating pace. Technology is pervasive in virtually every aspect of our lives. Clouds, virtualization and mobile are redefining computing – and they are just the beginning of what is to come. Your security perimeter is defined by wherever your information and people happen to be. We are attacked by professional adversaries who are better funded than we will ever be. We in the information security profession must change as dramatically as the environment we protect. We need new skills and new strategies to do our jobs effectively. We literally need to change the way we think. Written by one of the best in the business, Managing Risk and Information Security challenges traditional security theory with clear examples of the need for change. It also provides expert advice on how to dramatically increase the success of your security strategy and methods – from dealing with the misperception of risk to how to become a Z-shaped CISO. Managing Risk and Information Security is the ultimate treatise on how to deliver effective security to the world we live in for the next 10 years. It is absolute must reading for anyone in our profession – and should be on the desk of every CISO in the world. " Dave Cullinane, CISSP CEO Security Starfish, LLC " In this overview, Malcolm Harkins delivers an insightful survey of the trends, threats, and tactics shaping information risk and security. From regulatory compliance to psychology to the changing threat context, this work provides a compelling introduction to an important topic and trains helpful attention on the effects of changing technology and management practices. " Dr. Mariano-Florentino Cu é llar Professor, Stanford Law School Co-Director, Stanford Center for International Security and Cooperation (CISAC), Stanford University " Malcolm Harkins gets it. In his new book Malcolm outlines the major forces changing the information security risk landscape from a big picture perspective, and then goes on to offer effective methods of managing that risk from a practitioner's viewpoint. The combination makes this book unique and a must read for anyone interested in IT risk." Dennis Devlin AVP, Information Security and Compliance, The George Washington University " Managing Risk and Information Security is the first-to-read, must-read book on information security for C-Suite executives. It is accessible, understandable and actionable. No sky-is-falling scare tactics, no techno-babble – just straight talk about a critically important subject. There is no better primer on the economics, ergonomics and psycho-behaviourals of security than this. " Thornton May, Futurist, Executive Director & Dean, IT Leadership Academy " Managing Risk and Information Security is a wake-up call for information security executives and a ray of light for business leaders. It equips organizations with the knowledge required to transform their security programs from a " culture of no " to one focused on agility, value and competitiveness. Unlike other publications, Malcolm provides clear and immediately applicable solutions to optimally balance the frequently opposing needs of risk reduction and business growth. This book should be required reading for anyone currently serving in, or seeking to achieve, the role of Chief Information Security Officer. " Jamil Farshchi, Senior Business Leader of Strategic Planning and Initiatives, VISA " For too

many years, business and security – either real or imagined – were at odds. In Managing Risk and Information Security: Protect to Enable, you get what you expect – real life practical ways to break logjams, have security actually enable business, and marries security architecture and business architecture. Why this book? It's written by a practitioner, and not just any practitioner, one of the leading minds in Security today. ” John Stewart, Chief Security Officer, Cisco “ This book is an invaluable guide to help security professionals address risk in new ways in this alarmingly fast changing environment. Packed with examples which makes it a pleasure to read, the book captures practical ways a forward thinking CISO can turn information security into a competitive advantage for their business. This book provides a new framework for managing risk in an entertaining and thought provoking way. This will change the way security professionals work with their business leaders, and help get products to market faster. The 6 irrefutable laws of information security should be on a stone plaque on the desk of every security professional. ” Steven Proctor, VP, Audit & Risk Management, Flextronics

Computerworld Elsevier

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.

Responsive Security John Wiley & Sons

Systems Analysis and Design: An Object-Oriented Approach with UML, 5th Edition by Dennis, Wixom, and Tegarden captures the dynamic aspects of the field by keeping students focused on doing SAD while presenting the core set of skills that every systems analyst needs to know today and in the future. The text enables students to do SAD—not just read about it, but understand the issues so they can actually analyze and design systems. The text introduces each major technique, explains what it is, explains how to do it, presents an example, and provides opportunities for students to practice before they do it for real in a project. After reading each chapter, the student will be able to perform that step in the system development process.