

Sap Access Control Sap Process Control And Sap Risk

The second edition of this comprehensive handbook of computer and information security provides the most complete view of computer security and privacy available. It offers in-depth coverage of security theory, technology, and practice as they relate to established technologies as well as recent advances. It explores practical solutions to many security issues. Individual chapters are authored by leading experts in the field and address the immediate and long-term challenges in the authors' respective areas of expertise. The book is organized into 10 parts comprised of 70 contributed chapters by leading experts in the areas of networking and systems security, information management, cyber warfare and security, encryption technology, privacy, data storage, physical security, and a host of advanced security topics. New to this edition are chapters on intrusion detection, securing the cloud, securing web apps, ethical hacking, cyber forensics, physical security, disaster recovery, cyber attack deterrence, and more. Chapters by leaders in the field on theory and practice of computer and information security technology, allowing the reader to develop a new level of technical expertise Comprehensive and up-to-date coverage of security issues allows the reader to remain current and fully informed from multiple viewpoints Presents methods of analysis and problem-solving techniques, enhancing the reader's grasp of the material and ability to implement practical solutions

SAP can help you capture better information and deliver it more quickly, allowing you to make better decisions and maximize the business value of everything you do. However, SAP implementations require massive effort, total buy-in, and significant change throughout the organization. In *SAP Implementation Unleashed*, 10 expert SAP project managers, functional consultants, and technologists guide you through the entire journey, helping you avoid pain and pitfalls and gain all the benefits of SAP. The authors introduce start-to-finish business, technical, and project management roadmaps for successful SAP implementation. Then, drawing on their immense experience, they walk you through the entire process of planning and deployment—addressing make-or-break issues and hidden gaps that other guidebooks ignore. You'll discover how to employ processes, models, and toolsets that help you achieve implementation excellence while systematically reducing cost and business risk. Along the way, you'll find actionable advice and real-world insight into innovative project management, best-suited leadership, effective load testing, contemporary infrastructure implementation, and more. George W. Anderson is responsible for providing enterprise applications thought leadership for the EDS/HP office of the CTO. A long-time SAP consultant and PMI-certified project manager, George has authored several best-selling books and enjoys new challenges. Charles D. Nilson is a senior program manager for EDS/HP and has led many successful SAP implementation teams over the years. He is a PMI PMP and is SAP Partner Academy certified in MM and PP. Tim Rhodes is a senior SAP technical consultant for EDS/HP and a Basis/infrastructure veteran focused on implementing, migrating, and upgrading SAP Business Suite and NetWeaver solutions. Tim is also an SAP-certified technical consultant, OCP, MCSE, and HP Master ASE. Detailed Information on How To... Define the business vision driving your implementation, and use it to design your solution Use TCO techniques to fully understand SAP's financial impact in your organization Structure your SAP project management office, business teams, technical support organization, and overall project team Size, plan, and test your SAP infrastructure to deliver the best performance and availability at the best cost Integrate SAP into an SOA environment Install and configure SAP Business Suite and NetWeaver components Perform basic functional configuration, testing, and change management activities Enable a smooth transition by successfully performing the critical tasks that immediately precede SAP Go-Live Choose the right mix of tools and applications to test, manage, and monitor SAP Prepare your SAP Operations team for its post-implementation responsibilities

Explore how to protect and defend your SAP S/4HANA applications, Fiori, Gateway, and the SAP HANA database platform. Learn how to create a consistent cross-system authorization concept and translate the technical specifics for each system into a comprehensive and consistent security model. Explore technical security aspects such as privileges and roles, authentication and encryption, and monitoring for S/4HANA. Compare and contrast SAP S/4HANA applications to the SAP ERP security model and identify what has changed. This book is up to date for SAP HANA 2.0! Dive into SAP S/4HANA authorizations and gain an understanding of the impact on the new front-end and database security setup, and why the different levels need to be consistent. Get best practices for SAP Fiori and Gateway. Find out why it is important to secure SAP HANA from an application layer point of view, as well as a database point of view. Take an in-depth look at how to secure the SAP Application Server, database, operating system, and the network infrastructure. - Effectively secure SAP S/4HANA, Fiori, and Gateway - Privileges and roles, authentication, encryption, and monitoring - Mobile access and SSO considerations - Cross-system authorization concepts and implementation

Throughout the world, high-profile large organizations (aerospace and defense, automotive, banking, chemicals, financial service providers, healthcare, high tech, insurance, oil and gas, pharmaceuticals, retail, telecommunications, and utilities) and governments are using SAP software to process their most mission-critical, highly sensitive data. With more than 100,000 installations, SAP is the world's largest enterprise software company and the world's third largest independent software supplier overall. Despite this widespread use, there have been very few books written on SAP implementation and security, despite a great deal of interest. (There are 220,000 members in an on-line SAP 'community' seeking information, ideas and tools on the IT Toolbox Website alone.) Managing SAP user authentication and authorizations is becoming more complex than ever, as there are more and more SAP products involved that have very different access issues. It's a complex area that requires focused expertise. This book is designed for these network and systems administrator who deal with the complexity of having to make judgmental decisions regarding enormously complicated and technical data in the SAP

landscape, as well as pay attention to new compliance rules and security regulations. Most SAP users experience significant challenges when trying to manage and mitigate the risks in existing or new security solutions and usually end up facing repetitive, expensive re-work and perpetuated compliance challenges. This book is designed to help them properly and efficiently manage these challenges on an ongoing basis. It aims to remove the 'Black Box' mystique that surrounds SAP security. * The most comprehensive coverage of the essentials of SAP security currently available: risk and control management, identity and access management, data protection and privacy, corporate governance, legal and regulatory compliance. * This book contains information about SAP security that is not available anywhere else to help the reader avoid the "gotchas" that may leave them vulnerable during times of upgrade or other system changes *Companion Web site provides custom SAP scripts, which readers can download to install, configure and troubleshoot SAP.

It is my pleasure to write the preface for Information Processing and Management. This book aims to bring together innovative results and new research trends in information processing, computer science and management engineering. If an information processing system is able to perform useful actions for an objective in a given domain, it is because the system knows something about that domain. The more knowledge it has, the more useful it can be to its users. Without that knowledge, the system itself is useless. In the information systems field, there is conceptual modeling for the activity that elicits and describes the general knowledge a particular information system needs to know. The main objective of conceptual modeling is to obtain that description, which is called a conceptual schema. Conceptual schemas are written in languages called conceptual modeling languages. Conceptual modeling is an important part of requirements engineering, the first and most important phase in the development of an information system.

The development and integration of integrity and internal control mechanisms into information system infrastructures is a challenge for researchers, IT personnel and auditors. Since its beginning in 1997, the IICIS international working conference has focused on the following questions: what precisely do business managers need in order to have confidence in the integrity of their information systems and their data and what are the challenges IT industry is facing in ensuring this integrity; what are the status and directions of research and development in the area of integrity and internal control; where are the gaps between business needs on the one hand and research / development on the other; what needs to be done to bridge these gaps. This sixth volume of IICIS papers, like the previous ones, contains interesting and valuable contributions to finding the answers to the above questions. We want to recommend this book to security specialists, IT auditors and researchers who want to learn more about the business concerns related to integrity. Those same security specialists, IT auditors and researchers will also value this book for the papers presenting research into new techniques and methods for obtaining the desired level of integrity.

Local functional systems that create inefficient islands of information are being replaced by expensive enterprise-wide applications that unify the functional areas; however, while we have not yet been able to completely and seamlessly integrate across functions, we find that the new islands of information are no longer functional but political, cultural, linguistic, and geographical. The global village is a reality and enterprise resource planning (ERP) implementations face new issues and challenges. Enterprise Resource Planning for Global Economies: Managerial Issues and Challenges provides authoritative research on the theoretical frameworks and pragmatic discussions on global implementations of information systems, particularly ERP systems. This book offers professionals, managers, and researchers, who want to improve their understanding of the issues and challenges that arise when information systems cross national boundaries, with an authoritative, essential research resource.

What do I need to do to successfully complete an SAP system audit? Get expert guidance on the top 12 controls that should be included in your audit activities, including accounts and authorizations, the changeability settings of tables, clients, and entire systems, change logs, and security configuration settings. Written with SAP administrators and security consultants in mind, this book expertly answers these questions and explores the techniques needed to quickly determine the high-level security status of an SAP system. Walk through a standard control framework you can use to improve and strengthen the security position of your SAP system. Get an overview of the impact of SAP HANA, mobile, and cloud on SAP audits. - Basic principles of the audit function - Common SAP system audit issues - SAP tools and functionality auditors can use, including pre-defined reports - Top 12 controls that should be included in your audit activities

ETAPS 2004 was the seventh instance of the European Joint Conferences on Theory and Practice of Software. ETAPS is an annual federated conference that was established in 1998 by combining a number of existing and new conferences. This year it comprised 5 conferences (FOSSACS, FASE, ESOP, CC, TACAS), 23 satellite workshops, 1 tutorial, and 7 invited lectures (not including those that are specific to the satellite events). The events that comprise ETAPS address various aspects of the system development process, including specification, design, implementation, analysis and improvement. The languages, methodologies and tools that support these activities are all well within its scope. Different blends of theory and practice are presented, with an inclination towards theory with a practical motivation on the one hand and soundly based practice on the other. Many of the issues involved in software design apply to systems in general, including hardware systems, and the emphasis on software is not intended to be exclusive.

SAP Security Configuration and Deployment The IT Administrator's Guide to Best Practices Syngress

Thoroughly Updated and Expanded! Includes New Coverage on Cloud Computing for SAP! In just 24 sessions of one hour or less, you'll master the latest updates on SAP, and discover how to succeed with it in real business and technical environments! Using this book's straightforward, step-by-step approach, you'll learn through practical hands-on examples and case studies based on SAP's free demonstration software. Each lesson builds on what you've already learned, giving you a strong real-world foundation with both the business and technical sides of SAP. Leading SAP architect and consultant George Anderson starts with the absolute basics...thoroughly covers core business, reporting, and administration tasks...and takes you all the way to the cutting edge, including how the cloud might be used to support SAP environments. Step-by-Step instructions carefully walk you through the most common SAP tasks. Quizzes and Exercises at the end of each chapter help you test your knowledge. By the Way notes present interesting information related to the discussion. Did You Know? tips offer advice or show you easier ways to perform tasks. Watch Out! cautions alert you to possible problems and

give you advice on how to avoid them. Learn how to... Integrate various cloud resources into your current-day SAP environments Understand SAP applications, components, and architecture Obtain and install the trial version of SAP, step by step Use NetWeaver, SAP ERP, the SAP Business Suite, and other SAP applications Select an access method and create user roles and authorizations Customize your user interface for maximum convenience and productivity Transact day-to-day business, including sample sales order transactions, personnel updates, and more Work through complex processes, such as "Order to Cash" Query from SAP and third-party business productivity tools, such as SharePoint Professionally tune, maintain, and monitor SAP systems Plan and build new SAP applications Prepare for SAP projects, including technical upgrades and enhancements Develop your career as a SAP business or technology professional Dr. George W. Anderson, senior architect and SAP Basis Consultant for Microsoft Services, specializes in designing and optimizing mission-critical platforms for SAP and other enterprise applications. He's passionate about developing architectural patterns and tools capable of enabling the kind of business agility that IT has been promising for years and businesses today need more than ever. A certified SAP technical consultant, PMI PMP, and long-time MCSE, his books include SAP Implementation Unleashed and the popular SAP Planning: Best Practices in Implementation. Category: SAP Covers: SAP User Level: Beginning-Intermediate

Over the last few years, financial statement scandals, cases of fraud and corruption, data protection violations, and other legal violations have led to numerous liability cases, damages claims, and losses of reputation. As a reaction to these developments, several regulations have been issued: Corporate Governance, the Sarbanes-Oxley Act, IFRS, Basel II and III, Solvency II and BilMoG, to name just a few. In this book, compliance is understood as the process, mapped not only in an internal control system, that is intended to guarantee conformity with legal requirements but also with internal policies and enterprise objectives (in particular, efficiency and profitability). The current literature primarily confines itself to mapping controls in SAP ERP and auditing SAP systems. Maxim Chuprunov not only addresses this subject but extends the aim of internal controls from legal compliance to include efficiency and profitability and then well beyond, because a basic understanding of the processes involved in IT-supported compliance management processes are not delivered along with the software. Starting with the requirements for compliance (Part I), he not only answers compliance-relevant questions in the form of an audit guide for an SAP ERP system and in the form of risks and control descriptions (Part II), but also shows how to automate the compliance management process based on SAP GRC (Part III). He thus addresses the current need for solutions for implementing an integrated GRC system in an organization, especially focusing on the continuous control monitoring topics. Maxim Chuprunov mainly targets compliance experts, auditors, SAP project managers and consultants responsible for GRC products as readers for his book. They will find indispensable information for their daily work from the first to the last page. In addition, MBA, management information system students as well as senior managers like CIOs and CFOs will find a wealth of valuable information on compliance in the SAP ERP environment, on GRC in general and its implementation in particular.

Many large and medium-sized organizations have made strategic investments in the SAP NetWeaver technology platform as their primary application platform. In fact, SAP software is used to manage many core business processes and data. As a result, it is critical for all organizations to manage the life cycle of user access to the SAP applications while adhering to security and risk compliance requirements. In this IBM® Redbooks® publication, we discuss the integration points into SAP solutions that are supported by the IBM Security access and identity management product capabilities. IBM Security software offers a range of identity management (IdM) adapters and access management components for SAP solutions that are available with IBM Tivoli® Identity Manager, IBM Tivoli Directory Integrator, IBM Tivoli Directory Server, IBM Access Manager for e-business, IBM Tivoli Access Manager for Enterprise Single Sign-On, and IBM Tivoli Federated Identity Manager. This book is a valuable resource for security officers, consultants, administrators, and architects who want to understand and implement an identity management solution for an SAP environment.

Master the SAP product ecosystem, the client environment, and the feasibility of implementing critical business process with the required technical and functional configuration. SAP Project Management Pitfalls is the first book to provide you with real examples of the pitfalls that you can avoid, providing you with a road-map to a successful implementation. Jay Kay, a SAP Program Manager for Capgemini, first takes a deep dive into common pitfalls in implementing SAP ERP projects in a complex IT landscape. You will learn about the potential causes of failures, study a selection of relevant project implementation case studies in the area, and see a range of possible countermeasures. Jay Kay also provides background on each - the significance of each implementation area, its relevance to a service company that implements SAP projects, and the current state of research. Key highlights of the book: Tools and techniques for project planning and templates for allocating resources Industry standards and innovations in SAP implementation projects in the form of standard solutions aimed at successful implementation Managing SAP system ECC upgrades, EHP updates and project patches Learn effective ways to implement robust SAP release management practices (change management, BAU) Wearing a practitioner's insight, Jay Kay explores the relevance of each failed implementation scenario and how to support your company or clients to succeed in a SAP implementation. There are many considerations when implementing SAP, but as you will learn, knowledge, insight, and effective tools to mitigate risks can take you to a successful implementation project.

- Effectively implement and configure the entire GRC 10.0 suite
- Proactively manage regulatory change, meet business needs, and direct corporate compliance
- Quickly identify and manage risk with a single unified view of your entire GRC process
- Written for GRC 10.0 and 10.1

Learn how to navigate the wild waters and changing tides of corporate compliance and governance. With this comprehensive guide to SAP's GRC suite, develop a strategy that is both reactive and adaptive to regulatory pressures, changing corporate policies, and unanticipated risk. Written for GRC consultants, project managers, and analysts, this book will explore the core components of the GRC module-Access Control, Process Control, Global Trade Services, and Risk Management-and their implementation. Plot your course for a successful GRC implementation. The Building Blocks of GRC Filled with best practices and practical scenarios, learn how to configure and implement the necessary dimensions, master data, and rules setup for each component. Business Process Alignment Review the regulations that can impact a business and explore the SAP tools that can support compliance. Streamlined GRC Integration Explore the unique implementation and configuration processes for each component and learn how to operate these resources side by side. Role Management Ensure that your users are reducing risk with appropriate role management and monitoring. Monitoring and Reporting Design a monitoring schedule that supports your business with clear monitoring rules with the help of Process Control and Continuous Control Monitoring.

In order to make strategy happen there is a need for powerful management information systems. SAP focuses on the application of modern business administration concepts, e.g. Value Based Management, the Balanced Scorecard, the Management Cockpit or flexible planning methods. The book describes the methodology and implementation of a powerful tool for enterprise management. Practical examples show how SAP Strategic Enterprise Management/Business Analytics (SAP SEM/BA) can help to improve cross functional planning, reporting and analyzing. SAP SEM/BA is a leading edge IT-solution for top management and related departments in large enterprises and groups. It demonstrates the state of the art of modern management information and decision support systems.

This book explains all the concepts underpinning SAP's HR Time Management Module. It is a comprehensive technical manual which explains every single node of the User Menu and the

Configuration. The book first gives an overview of a concept explaining what it is, how it is used and how it relates to the other concepts. It then explains its properties, which are fields in a configuration node. This book is designed to be used both as a reference manual and a learning guide. As a learning guide, it offers four views, each for a different target audience. • It can be read from the Senior Management's perspective to gain a broad understanding of the subject and what SAP can do for them. • Business Process Owners can achieve a higher level of understanding by getting to know more of SAP concepts and how to perform different tasks in SAP. • Users can acquire a thorough understanding of different tasks and concepts underlying them. • Functional consultants and proficient users can read the book to gain a complete understanding of the system. As a technical reference, the book can be used to locate the relevant material through the Table of Contents, Index, 'SAP Menu' and 'SAP Customizing Implementation Guide (IMG)'. The last two follow the Table of Contents. If the reader is in SAP's User Menu or Configuration, the chapter number for these nodes can be found in 'SAP Menu' and 'IMG'. If a node is not covered in the book, the reason for not doing so is mentioned. The implementation of SAP HR Time Management and documentation can also be guided by the structure of this book. A BETTER WORLD : There is a lot we can do to make our world a better world, just as we discover better ways to support our businesses. Read short articles inside on some of the ideas of World Integration and Improvement Initiative. World Government 691 World Language 693 Good Governance 699 City without Traffic Lights 705 SAP is a great software. One needs to fully understand its features in order to effectively exploit them for the benefit of customers. Mr. Agrawal's books on SAP HR have a unique approach. A chapter usually focuses on a single business concept, and discusses the user interface as well as its associated configuration. This logical division makes it easier for readers to understand the functionality. Another important feature of these books is the level of detail. Each screen and each field in a screen is explained. Explanation includes meaning, use case and in some cases guidelines. Details are balanced by overviews explaining the concepts and their relationships. While explaining functionality, Mr. Agrawal has taken efforts to highlight what can be done and how it is to be done. This is particularly important for less experienced users and consultants. Indicating chapter numbers against each menu and configuration item is a very useful innovation, as it establishes direct link between the SAP system and the book. Another useful feature is that these books can be read not only by consultants, but also by users, business process owners and even by senior managers. The importance of each topic for each category of users is specified. Mr. Agrawal has taken considerable pain in writing these books, and I congratulate Mr. Agrawal on his achievement and thank him for his contribution to the SAP community. K. Sanjai Regional Head—Asia Pacific & Japan, SAP Global Delivery

Project Management covers the full range of issues of vital concern to IT managers working in today's hurry-up, budget-conscious business environment. The handbook provides valuable advice and guidance on how to get projects finished on-time, within budget, and to the complete satisfaction of users, whether a high-tech, low-tech, financial, manufacturing, or service organization. Project Management Handbook brings together contributions from an all-star team of more than 40 of experts working at leading enterprise organizations and consulting firms across America, and around the world. With the help of dozens of fascinating and instructive case studies and vignettes, reporting experiences in a wide range of business sectors, those experts share their insights and experience and extrapolate practicable guidelines and actions steps that project managers can put to work on their current projects.

SAP environments are internally integrated with, and through, cloud and hybrid cloud solutions. This interconnection, both within and external to the firewall, creates a level of vulnerability that, if exploited, could compromise a company's intellectual property, employee and supplier information, and trade secrets. This book breaks down the application of cybersecurity, as it applies to SAP, into actionable items that can be communicated and implemented into existing security frameworks. You will understand why cybersecurity applies to SAP, how it integrates with cybersecurity Initiatives within an organization, and how to implement a security framework within SAP. This expertly written guide provides a targeted cybersecurity education for SAP managers, architects, and security practitioners. The author explores the technical aspects of implementing cybersecurity policies and procedures using existing tools and available SAP modules. Readers will gain a solid understanding of what a cybersecurity program does, what security frameworks are used for, how to assess and understand risk, and how to apply mitigating controls. By using practical examples, tips, and screenshots, this book covers: - Cyber risk in the SAP landscape - How to harden security - Cybersecurity risk management programs in SA - Risk mitigation for threats

Governance, risk, and compliance—these three big letters can add up to one giant headache. But GRC doesn't have to be a boil on your corporate behind. SAP GRC For Dummies untangles the web of regulations that confronts your company and introduces you to software solutions that not only keep you in compliance, but also make your whole enterprise stronger. This completely practical guide starts with a big-picture look at GRC and explains how it can help your organization grow. You'll find out why these regulations were enacted; what you can do to ensure compliance; and how compliance can help you prevent fraud, bolster your corporate image, and envision and execute the best possible corporate strategy. This all-business handbook will help you: Understand the impact of Sarbanes-Oxley Control access effectively Color your company a greener shade of green Source or sell goods internationally Keep your employees safe and healthy Ensure that data is kept secret and private Manage information flow in all directions Enhance your public image through sustainability reporting Use GRC as the basis for a powerful new corporate strategy Complete with enlightening lists of best practices for successful GRC implementation and conducting global trade, this book also puts you in touch with thought leadership Web sights where you can deepen your understanding of GRC-based business strategies. You can't avoid dealing with GRC, but you can make the most of it with a little help from SAP GRC For Dummies.

Provide today's learners with a solid understanding of how to audit accounting information systems with the innovative INFORMATION TECHNOLOGY AUDITING, 4E. New and expanded coverage of enterprise systems and fraud and fraud detection topics, such as continuous online auditing, help learners focus on the key topics they need for future success. Readers gain a strong background in traditional auditing, as well as a complete understanding of auditing today's accounting information systems in the contemporary business world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

SAP has a wide range of built-in functionality to meet various security requirements, including network protection, data protection, and SAP authorizations. This book will focus on the application of SAP authorizations and how user access can be limited by transaction codes, organizational levels, field values, etc. Explore the basic architecture of SAP Security and Authorizations, including user master

records, roles, profiles, authorization object classes, authorization objects, and authorization fields. Dive into how to create user profiles and assign roles. Get tips on leveraging the profile generator transaction, PFCG. Obtain valuable tools and tables for identifying user master records and role and authorization information. By using practical examples, tips, and screenshots, the author brings readers new to SAP Security and Authorizations up to speed. - Basic architecture of SAP Security and Authorizations - GRC Access Control introduction - User profile creation and role assignments - Common security and authorization pain point troubleshooting

* Explains best practices for SAP system security * Offers examples and solutions for the implementation of security technologies in all SAP components * Contains new chapters on SAP NetWeaver, SAP BusinessObjects, GRC solutions, and much more The revised and expanded second edition of this best-selling book describes all requirements, basic principles, and best practices of security for an SAP system. You'll learn how to protect each SAP component internally and externally while also complying with legal requirements; furthermore, you'll learn how to master the interaction of these requirements to provide a holistic security and risk management solution. Using numerous examples and step-by-step instructions, this book will teach you the technical details of implementing security in SAP NetWeaver. Comprehensive Description Learn where and how you can secure processes or improve the security of existing SAP systems. This description includes both sample risk potentials with their possible effects, as well as the corresponding control measures. Tried and Tested Solutions Understand the proven methods of an SAP security strategy, as well as international guidelines and standards. Step-by-step examples describe how to technically implement security solutions. Up-to-Date Information Explore new technologies, as well as SAP products and procedures, and learn how you can integrate them with your risk analysis. ERM Navigation Control Map Take advantage of the ERM Navigation Control Map, included as a supplement to the book, which presents the technical, process-oriented, organizational, and legal aspects of SAP components and security solutions. Highlights * Risk and Control Management, GRC, Enterprise Risk Management * SAP NetWeaver AS, Solution Manager, PI, Portal, MDM * SAP BusinessObjects, SAP NetWeaver BW * Web Services, Enterprise Services, and SOA * SAP ERP, HCM, CRM, SRM, SCM, SEM * Database Server, SAP Middleware, UIs * SOX, J-SOX, GoBS, IFRS, FDA, Basel II, REACH * ISO/IEC 27001, ISO/IEC 27002, CoBIT, ITIL, BSI

This book presents the most interesting talks given at ISSE 2009 – the forum for the inter-disciplinary discussion of how to adequately secure electronic business processes. The topics include: - Economics of Security and Identity Management - Security Services and Large Scale Public Applications - Privacy and Data Protection and Awareness Raising - Standards and Technical Solutions - Secure Software, Trust and Assurance Adequate information security is one of the basic requirements of all electronic business processes. It is crucial for effective solutions that the possibilities offered by security technology can be integrated with the commercial requirements of the applications. The reader may expect state-of-the-art: best papers of the Conference ISSE 2009.

This book provides cross-enterprise configuration instructions and best practices for SAP GRC Access Control implementations in companies with multi-system architectures. The author provides the implementation strategies, configuration steps, and best practices necessary to implement and manage a global access control, risk remediation, and compliance framework across a multi-system landscape, including non-SAP and legacy systems. Readers discover how to use Offline Risk Analysis, Real Time Analysis, and Management Update Report to manage risk analysis across the enterprise and quickly come to understand how to build and manage a rule matrix for a multi-system enterprise using the Real Time Agent (RTA), as well as the functional use of the Rule Architect. Plus, learn how to configure AC for use with the most common non-SAP systems such as Oracle, PeopleSoft, JDEdwards, and others. You'll find out how best to determine the setup of cross-enterprise mitigation controls and alternative controls to mitigate risk as well as how to educate management about conflicts approval and monitoring. Finally, the author shows you how you can develop and execute a plan for Continuous Compliance using best practices for simulation, monitoring, and control.

Now that GRC is embedded in SAP S/4HANA, it's time to take a fresh look at your GRC practices and processes. In this book, learn how SAP S/4HANA 1709 meets your governance, risk, and compliance (GRC) requirements. See what's changed with access control and process control, and get to know the new functionality for managing risk, audits, fraud, and more.

This book covers all processes and components of the SAP solutions for Governance, Risk, and Compliance (GRC). With a focus on Process Control, Access Control and Risk Management, the book provides the standard implementation scenarios and information on customizing using a standard case-study example. You will learn how you can guarantee the compliance of business processes and IT systems with Process Control, how Access Control can be used for company-wide role definition and segregation of duties and how to perform analysis and elimination of risk related to user creation and superuser authorization. You will subsequently explore the relevant phases of risk management in order to supervise financial as well as legal risks. Moreover, you will receive insight into the SAP solutions for compliance in the foreign trade, SAP GTS, and for compliance with guidelines in the environmental protection and labor safety, SAP EHS.

Cyber Security Innovation for the Digital Economy considers possible solutions to the relatively new scientific-technical problem of developing innovative solutions in the field of cyber security for the Digital Economy. The solutions proposed are based on the results of exploratory studies conducted by the author in the areas of Big Data acquisition, cognitive information technologies (cogno-technologies), new methods of analytical verification of digital ecosystems on the basis of similarity invariants and dimensions, and "computational cognitivism," involving a number of existing models and methods. In practice, this successfully allowed the creation of new entities - the required safe and trusted digital ecosystems - on the basis of the development of digital and cyber security technologies, and the resulting changes in their behavioral preferences. Here, the ecosystem is understood as a certain system of organizations, created around a certain Technological Platform that use its services to make the best offers to customers and access to them to meet the ultimate needs of clients - legal entities and individuals. The basis of such ecosystems is a certain technological platform, created on advanced innovative developments, including the open interfaces and code, machine learning, cloud technologies, Big Data collection and processing, artificial intelligence technologies, etc. The mentioned Technological Platform allows creating the best offer for the client both from own goods and services and from the offers of external service providers in real time. This book contains four chapters devoted to the following subjects: Relevance of the given scientific-technical problems in the cybersecurity of Digital Economy Determination of the limiting capabilities Possible scientific and technical solutions Organization of perspective research studies in the area of Digital Economy cyber security in Russia.

This comprehensive guide shows you how to develop and implement an authorization concept that will withstand the toughest demands. Permissions are covered extensively, with a focus on the relationship between organizational performance and the necessities of legal and regulatory compliance. You will learn how the tools and functions of the change management process play a critical role in the performance of an SAP system, and how various permissions in SAP solutions and processes function in detail.

Organizational Permissions Learn how to develop a systematic differentiation of roles and permissions in SAP ERP. You'll also learn how to assign roles for the organizational management of SAP ERP HCM. Legal Frameworks Discover the legal and regulatory scenarios (i.e., accounting law and data governance) that are relevant to your business, and how they fit into the authorization concept. SAP Tools for Change Management Master the essential tools for authorizations management, including the Role Manager, CUA,

SAP BusinessObjects Access Control, SAP Net-Weaver IdM, UME, and more. Technical Basics and Customizing Learn which features are relevant to user maintenance and the basic settings necessary for a meaningful functional separation. Authorizations in SAP Systems Gain an in-depth understanding of the core processes of SAP ERP, as well as the specific requirements of SAP ERP HCM, SAP CRM, SAP SRM and SAP NetWeaver.

Written in a tutorial style, this comprehensive guide follows a structured approach explaining cloud techniques, models and platforms. Popular cloud services such as Amazon, Google and Microsoft Azure are explained in the text. The security risks and challenges of cloud computing are discussed in detail with useful examples. Emerging trends including mobile cloud computing and internet of things are discussed in the book for the benefit of the readers. Numerous review questions, multiple choice exercises and case studies facilitate enhanced understanding. This textbook is ideal for undergraduate and graduate students of computer science engineering, and information technology.

GRC-Management wird heutzutage häufig auf die Korrektheit externer Finanzberichterstattung begrenzt. Dieses Buch zeigt Ihnen, wie der Einsatz von Governance-, Risk- und Compliance-Anwendungen auch zur Aufdeckung und vor allem Prävention von Korruption und Betrug dienen kann. Nach einer Übersicht der Lösungen aus der SAP GRC Suite sowie der neuen SAP Assurance and Compliance-Anwendungen zeigt der Autor, dass der Schlüssel zum Erfolg einer GRC-Initiative nicht in Features und Functions eines bestimmten Softwareprodukts liegt. Dabei wird das Verständnis für die GRC-Effizienztreiber gefördert und der vielschichtige Mehrwert von GRC-Automatisierung erklärt.

Anschliessend entwickelt der Autor eine Tool-unabhängige Grundlage für die Automatisierung einer unternehmensweiten Antikorruptionsinitiative. Dieses Konzept wird durch SAP GRC-spezifische Beispiele untermauert, und zwar sowohl aus Prozess- als auch aus Content-Sicht. Sei erfahren wie GRC im Big-Data-Umfeld von der neuen SAP HANA-Technologie profitieren kann. Anleitungen für die Konfiguration der SAP GRC Suite, die Einrichtung der Aufdeckungsszenarien im SAP Fraud Management sowie die Gestaltung der Oberfläche und Berichte in SAP GRC runden dieses Buch ab. - Risikomanagement und Internes Kontrollsystem (IKS) - Automatisierungstreiber und Mehrwert von GRC - Konzeptionierung und Umsetzung einer Antikorruptionsinitiative - Aufdeckungsszenarien mittels SAP Fraud Management

orrupation, Verluste oder Datendiebstahl lassen sich häufig auf ein mangelhaftes Berechtigungsmanagement im Unternehmen zurückführen. Als wichtiger Bestandteil der SAP-Lösung für Governance, Risk und Compliance (GRC) dient SAP Access Control der Erkennung von Berechtigungsrisiken innerhalb Ihres Unternehmens. Mit diesem Buch lernen Sie, wie diese Anwendung Ihre Geschäftsprozesse sichert, indem sie Regeln für den Zugriff erstellt und regelmäßig kritische Aktionen und Berechtigungen prüft. Erfahren Sie zudem, wie Sie Genehmigungen für Rollen und Benutzer erteilen oder mittels Firefighter-IDs Notfallbenutzer bzw. -systemzugriffe unterstützen. Die Autoren geben Endanwendern, dem IT-Betrieb aber auch Auditoren das nötige Wissen an die Hand, um das System im Unternehmensalltag zu nutzen und zu verstehen. Die bildreichen Erläuterungen machen dieses Buch auch für Einsteiger in die GRC-Welt verständlich. - Analyse und Simulation von Berechtigungsrisiken - privilegierte Berechtigungen und Notfallzugriffe - Herzstück „Access Risk Analysis“: Regelwerke erstellen - mindernde Kontrollen für unvermeidbare Risiken

Abbiamo deciso di raccogliere quanto fatto in più di un anno di lavoro sul nostro blog aziendale organizzando i contenuti, rivedendoli in alcuni casi e aggiungendo parti inedite. Che cosa accadrebbe se i nuovi assunti in tempo zero fossero abilitati a lavorare su tutti gli applicativi aziendali? Che cosa accadrebbe se il tempo che oggi passiamo a “lottare” contro qualcosa che non funziona o contro i processi non strutturati non fosse più così? Questo libro è pensato per coloro che vogliono capire quali sono le leve aziendali per fare accadere quanto sopra. Non è un libro per tutti, ma IT manager, auditor e direttori IT possono provare ad applicare alla loro realtà molti dei suggerimenti che sono frutto della nostra esperienza sulla tematica in diversi anni di lavoro. Il libro è organizzato in sezioni. Siamo partiti parlando degli aspetti di sicurezza applicativa e infrastrutturale, passando per i servizi gestiti in ambito SAP e le considerazioni dello sviluppo sicuro del codice nel contesto SAP, inoltre abbiamo affrontato il tema delle nuove tecnologie, ovvero HANA, S/4HANA, FIORI e anche gli aspetti di Robotic Process Automation e Cloud per quanto riguarda la sicurezza. Approfondisci su <https://www.aglea.com/>

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