Security Program And Policies Principles And Practices 2nd Edition Certificationtraining

LARSON CAITLYN

Introduction to Homeland Security Createspace Independent Publishing Platform
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.
The Coupling of Safety and Security Prentice Hall
This introductory text provides a thorough overview of the private security system. This edition includes crime prevention and its zones of protection – the theoretical framework that provides the bridge between private and public sector law enforcement. From the historical development and the professional nature of security and crime prevention to the legal aspects of private security, this well-rounded text covers basic elements of security and crime prevention.
Security Program and Policies CRC Press
With their rapidly changing architecture and API-driven automation, cloud platforms come with unique security challenges and opportunities. This hands-on book guides you through security best practices for multivendor cloud environments, whether your company plans to move legacy on-premises projects to the cloud or build a new infrastructure from the ground up. Developers, IT architects, and security professionals will learn cloud-specific techniques for securing popular cloud platforms such as Amazon Web Services, Microsoft Azure, and IBM Cloud. Chris Dotson—an IBM senior technical staff member—shows you how to establish data asset management, identity and access management, vulnerability management, network security, and incident response in your cloud environment.
Information Security Governance Simplified Pearson It Certification
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.
Computers at Risk Pearson IT Certification
Despite their myriad manifestations and different targets, nearly all attacks on computer systems have one fundamental cause: the code used to run far too many systems today is not secure. Flaws in its design, implementation, testing, and operations allow attackers all-too-easy access. "Secure Coding, by Mark G. Graff and Ken vanWyk, looks at the problem of bad code in a new way. Packed with advice based on the authors' decades of experience in the computer security field, this concise and highly readable book explains why so much code today is filled with vulnerabilities, and tells readers what they must do to avoid writing code that can be exploited by attackers. Beyond the technical, "Secure Coding sheds new light on the economic, psychological, and sheer practical reasons why security vulnerabilities are so ubiquitous today. It presents a new way of thinking about these vulnerabilities and ways that developers can compensate for the factors that have produced such unsecured software in the past. It issues a challenge to all those concerned about computer security to finally make a commitment to building code the right way.
Safeguarding Your Technology McGraw Hill Professional
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 Cybersecurity Program, 2nd Edition Routledge
Effective Physical Security, Fifth Edition is a best-practices compendium that details the essential elements and latest developments in physical security protection. This new edition is completely updated, with new chapters carefully selected from the author’s work that set the standard. This book contains important coverage of environmental design, security surveys, locks, lighting, and CCTV, the latest ISO standards for risk assessment and risk management, physical security planning, network systems infrastructure, and environmental design. Provides detailed coverage of physical security in an easily accessible format Presents information that should be required reading for ASIS International’s Physical Security Professional (PSP) certification Incorporates expert contributors in the field of physical security, while maintaining a consistent flow and style Serves the needs of multiple audiences, as both a textbook and professional desk reference Blends theory and practice, with a specific focus on today’s global business and societal environment, and the associated security, safety, and asset protection challenges Includes useful information on the various and many aids appearing in the book Features terminology, references, websites, appendices to chapters, and checklists
Practical Aviation Security Routledge

"Since the fourth edition of this book was published, the field has seen continued innovations and improvements. In this new edition, we try to capture these changes while maintaining a broad and comprehensive coverage of the entire field. There have been a number of refinements to improve pedagogy and user-friendliness, updated references, and mention of recent security incidents, along with a number of more substantive changes throughout the book"--

CISO COMPASS Elsevier

The Jones & Bartlett Learning: Information Systems Security & Assurance Series delivers fundamental IT security principles packed with real-world applications and examples for IT Security, Cybersecurity, Information Assurance, and Information Systems Security programs. Authored by Certified Information Systems Security Professionals (CISSPs) and reviewed by leading technical experts in the field, these books are current, forward-thinking resources that enable readers to solve the cybersecurity challenges of today and tomorrow. --Book Jacket.

FISMA Principles and Best Practices Pearson Education

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.

Information Security Policies, Procedures, and Standards John Wiley & Sons

While many agencies struggle to comply with Federal Information Security Management Act (FISMA) regulations, those that have embraced its requirements have found that their comprehensive and flexible nature provides a sound security risk management framework for the implementation of essential system security controls. Detailing a proven approach for establishing and implementing a comprehensive information security program, FISMA Principles and Best Practices: Beyond Compliance integrates compliance review, technical monitoring, and remediation efforts to explain how to achieve and maintain compliance with FISMA requirements. Based on the author’s experience developing, implementing, and maintaining enterprise FISMA-based information technology security programs at three major federal agencies, including the U.S. Department of Housing and Urban Development, the book gives you workable solutions for establishing and operating an effective security compliance program. It delineates the processes, practices, and principles involved in managing the complexities of FISMA compliance. Describing how FISMA can be used to form the basis for an enterprise security risk management program, the book: Provides a comprehensive analysis of FISMA requirements Highlights the primary considerations for establishing an effective security compliance program Illustrates successful implementation of FISMA requirements with numerous case studies Clarifying exactly what it takes to gain and maintain FISMA compliance, Pat Howard, CISO of the Nuclear Regulatory Commission, provides detailed guidelines so you can design and staff a compliance capability, build organizational relationships, gain management support, and integrate compliance into the system development life cycle. While there is no such thing as absolute protection, this up-to-date resource reflects the important security concepts and ideas for addressing information security requirements mandated for government agencies and companies subject to these standards.

Practical Cloud Security Pearson Educational

Everything you need to know about information security programs and policies, in one book Clearly explains all facets of InfoSec program and policy planning, development, deployment, and management Thoroughly updated for today's challenges, laws, regulations, and best practices The perfect resource for anyone pursuing an information security management career In today's dangerous world, failures in information security can be catastrophic. Organizations must protect themselves. Protection begins with comprehensive, realistic policies. This up-to-date guide will help you create, deploy, and manage them. Complete and easy to understand, it explains key concepts and techniques through real-life examples. You'll master modern information security regulations and frameworks, and learn specific best-practice policies for key industry sectors, including finance, healthcare, online commerce, and small business. If you understand basic information security, you're ready to succeed with this book. You'll find projects, questions, exercises, examples, links to valuable easy-to-adapt information security policies...everything you need to implement a successful information security program. Sari Stern Greene, CISSP, CRISC, CISM, NSA/IAM, is an information security practitioner, author, and entrepreneur. She is passionate about the importance of protecting information and critical infrastructure. Sari founded Sage Data Security in 2002 and has amassed thousands of hours in the field working with a spectrum of technical, operational, and management personnel, as well as boards of directors, regulators, and service providers. Her first text was Tools and Techniques for Securing Microsoft Networks, commissioned by Microsoft to train its partner channel, which was soon followed by the first edition of Security Policies and Procedures: Principles and Practices. She is actively involved in the security community, and speaks regularly at security conferences and workshops. She has been quoted in The New York Times, Wall Street Journal, and on CNN, and CNBC. Since 2010, Sari has served as the chair of the annual Cybercrime Symposium. Learn how to - Establish program objectives, elements, domains, and governance - Understand policies, standards, procedures, guidelines, and plans--and the differences among them - Write policies in "plain language," with the right level of detail - Apply the Confidentiality, Integrity & Availability (CIA) security model - Use NIST resources and ISO/IEC 27000-series standards - Align security with business strategy - Define, inventory, and classify your information and systems - Systematically identify, prioritize, and manage InfoSec risks - Reduce "people-related" risks with role-based Security Education, Awareness, and Training (SETA) - Implement effective physical, environmental, communications, and operational security - Effectively manage access control - Secure the entire system development lifecycle - Respond to incidents and ensure continuity of operations - Comply with laws and regulations, including GLBA, HIPAA/HITECH, FISMA, state data security and notification rules, and PCI DSS

Principles of Security and Crime Prevention Packt Publishing Ltd

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.

Building an Effective Security Program for Distributed Energy Resources and Systems Addison-Wesley Professional

Discover the latest trends, developments and technology in information security with Whitman/Mattord's market-leading PRINCIPLES OF INFORMATION SECURITY, 7th Edition. Designed specifically to meet the needs of information systems students like you, this edition's balanced focus addresses all aspects of information security, rather than simply offering a technical control perspective. This overview explores important terms and examines what is needed to manage an effective information security program. A new module details incident response and detection strategies. In addition, current, relevant updates highlight the latest practices in security operations as well as legislative issues, information management toolsets, digital forensics and the most recent policies and guidelines that correspond to federal and international standards. MindTap digital resources offer interactive content to further strength your success as a business decision-maker.

Introduction to Homeland Security Pearson IT Certification

Written by leading information security educators, this fully revised, full-color computer security textbook covers CompTIA’s fastest-growing credential, CompTIA Security+. Principles of Computer Security, Fourth Edition is a student-tested, introductory computer security textbook that provides comprehensive coverage of computer and network security fundamentals in an engaging and dynamic full-color design. In addition to teaching key computer security concepts, the textbook also fully prepares you for CompTIA Security+ exam SY0-401 with 100% coverage of all exam objectives. Each chapter begins with a list of topics to be covered and features sidebar exam and tech tips, a chapter summary, and an end-of-chapter assessment section that includes key term, multiple choice, and essay quizzes as well as lab projects. Electronic content includes CompTIA Security+ practice exam questions and a PDF copy of the book. Key features: CompTIA Approved Quality Content (CAQC) Electronic content features two simulated practice exams in the Total Tester exam engine and a PDF eBook Supplemented by Principles of Computer Security Lab Manual, Fourth Edition, available separately White and Conklin are two of the most well-respected computer security educators in higher education Instructor resource materials for adopting instructors include: Instructor Manual, PowerPoint slides featuring artwork from the book, and a test bank of questions for use as quizzes or exams Answers to the end of chapter sections are not included in the book and are only available to adopting instructors Learn how to: Ensure operational, organizational, and physical security Use cryptography and public key infrastructures (PKIs) Secure remote access, wireless networks, and virtual private networks (VPNs) Authenticate users and lock down mobile devices Harden network devices, operating systems, and applications Prevent network attacks, such as denial of service, spoofing, hijacking, and password guessing Combat viruses, worms, Trojan horses, and rootkits Manage e-mail, instant messaging, and web security Explore secure software development requirements Implement disaster recovery and business continuity measures Handle computer forensics and incident response Understand legal, ethical, and privacy issues

Promoting Chemical Laboratory Safety and Security in Developing Countries Springer

Protecting Transportation: Implementing Security Policies and Programs provides a thorough overview of transportation security in the United States, with a focus on policy. The book coversall major transportation modes and puts the American security system into perspective against other national and international systems. Author R. William Johnstone, a transportation security expert and member of the 9/11 Commission staff, discusses how the current transportation security system came to be and how it is performing. Whether you are a current or aspiring transportation security professional, a policymaker, or an engaged citizen, Johnstone’s presentation equips you to understand today’s issues and debates on a problem that affects every member of the global community. Transportation security has evolved in the years since 9/11 from a relatively modest, sporadic undertaking into a multi-billion dollar enterprise employing tens of thousands. Protecting Transportation describes how that system is organized, funded, and implemented. Fosters critical thinking by reviewing the development and evaluation of key transportation security programs Clarifies security issues in the context of civil liberties, federal spending, and terrorist incidents in the United States and globally Considers the “inputs of security policy, including laws, regulations, and programs; and the “outcomes, such as enforcement, effectiveness metrics, and workforce morale

Effective Physical Security Rothstein Publishing

Space Security involves the use of space (in particular communication, navigation, earth observation, and electronic intelligence satellites) for military and security purposes on earth and also the maintenance of space (in particular the earth orbits) as safe and secure areas for conducting peaceful activities. The two aspects can be summarized as "space for security on earth" and “the safeguarding of space for peaceful endeavors.” The Handbook will provide a sophisticated, cutting-edge resource on the space security policy portfolio and the associated assets, assisting fellow members of the global space community and

other interested policy-making and academic audiences in keeping abreast of the current and future directions of this vital dimension of international space policy. The debate on coordinated space security measures, including relevant 'Transparency and Confidence-Building Measures,' remains at a relatively early stage of development. The book offers a comprehensive description of the various components of space security and how these challenges are being addressed today. It will also provide a number of recommendations concerning how best to advance this space policy area, given the often competing objectives of the world's major space-faring nations. The critical role to be played by the United States and Europe as an intermediary and "middle diplomat" in promoting sustainable norms of behavior for space will likewise be highlighted. In providing a global and coherent analytical approach to space security today, the Handbook focuses on four areas that together define the entire space security area: policies, technologies, applications, and programs. This structure will assure the overall view of the subject from its political to its technical aspects. Internationally recognized experts in each of the above fields contribute, with their analytical synthesis assured by the section editors.

Protecting Transportation CRC Press

Pass the Certified Information Security Manager (CISM) exam and implement your organization's security strategy with ease Key FeaturesPass the CISM exam confidently with this step-by-step guideExplore practical solutions that validate your knowledge and expertise in managing enterprise information security teamsEnhance your cybersecurity skills with practice questions and mock testsBook Description With cyber threats on the rise, IT professionals are now choosing cybersecurity as the next step to boost their career, and holding the relevant certification can prove to be a game-changer in this competitive market. CISM is one of the top-paying and most sought-after certifications by employers. This CISM Certification Guide comprises comprehensive self-study exam content for those who want to achieve CISM certification on the first attempt. This book is a great resource for information security leaders with a pragmatic approach to challenges related to real-world case scenarios. You'll learn about the practical aspects of information security governance and information security risk management. As you advance through the chapters, you'll get to grips with information security program development and management. The book will also help you to gain a clear understanding of the procedural aspects of information security incident management. By the end of this CISM exam book, you'll have covered everything needed to pass the CISM certification exam and have a handy, on-the-job desktop reference guide. What you will learnUnderstand core exam objectives to pass the CISM exam with confidenceCreate and manage your organization's information security policies and procedures with easeBroaden your knowledge of the organization's security strategy designingManage information risk to an acceptable level based on risk appetite in order to meet organizational goals and objectivesFind out how to monitor and control incident management proceduresDiscover how to monitor activity relating to data classification and data accessWho this book is for If you are an aspiring information security manager, IT auditor, chief information security officer (CISO), or risk management professional who wants to achieve certification in information security, then this book is for you. A minimum of two years' experience in the field of information technology is needed to make the most of this book. Experience in IT audit, information security, or related fields will be helpful.

Mapping Security CRC Press

Computers at Risk presents a comprehensive agenda for developing nationwide policies and practices for computer security. Specific recommendations are provided for industry and for government agencies engaged in computer security activities. The volume also outlines problems and opportunities in computer security research, recommends ways to improve the research infrastructure, and suggests topics for investigators. The book explores the diversity of the field, the need to engineer countermeasures based on speculation of what experts think computer attackers may do next, why the technology community has failed to respond to the need for enhanced security systems, how innovators could be encouraged to bring more options to the marketplace, and balancing the importance of security against the right of privacy.

Network Security Principles and Practices National Academies Press

Introduction to Homeland Security: Principles of All-Hazards Risk Management, Fifth Edition, provides users with a substantially updated version of previous versions, clearly delineating the bedrock principles of preparing for, mitigating, managing, and recovering from emergencies and disasters, while also offering a balanced account of all aspects of homeland security. This new edition features coverage of the Boston Marathon bombing, analysis of the NIST Cybersecurity Framework for critical infrastructure protection, and examines the DHS “Blue Campaign to stop human trafficking. To provide added perspective, this edition features additional “another voice sections and examines the emergence of social media as a tool for reporting on homeland security issues. Provides users with a comprehensive understanding of the bedrock principles of preparing for, mitigating, managing, and recovering from emergencies and disasters Features coverage of the Boston Marathon bombing and analysis of the NIST Cybersecurity Framework for critical infrastructure protection Examines the emergence of social media as a tool for reporting on homeland security issues