Security Strategies In Windows Platforms And Applications J B Learning Information Systems Security Assurance Series

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LIVINGSTON KANE

Fundamentals, Security, and the Managed Desktop John Wiley & Sons "This book provides a valuable resource by addressing the most pressing issues facing cyber-security from both a national and global perspective"--Provided by publisher.

Secure and protect your Windows environment from intruders, malware attacks, and other cyber threats Itgp This must-have guide features simple explanations, examples and advice to help you be security-aware online in the digital age.

Network Security Strategies Jones & Bartlett Learning Print Textbook & Virtual Security Cloud Lab Access: 180-day subscription. More than 90 percent of individuals, students, educators, businesses, organizations, and governments use

Microsoft Windows, which has experienced frequent attacks against its well-publicized vulnerabilities. Revised and updated to keep pace with this ever changing field, Security Strategies in Windows Platforms and Applications, Second Edition focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system. Particular emphasis is placed on Windows XP, Vista, and 7 on the desktop, and Windows Server 2003 and 2008 versions. It highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security

Computer Security - ESORICS 94 Security Strategies in Windows Platforms and Applications Computer Security: Principles and Practice, 2e, is ideal for courses in Computer/Network Security. In recent years, the need for education in computer security and related topics has grown dramatically – and is essential for anyone studying Computer Science or Computer

Engineering. This is the only text available to provide integrated, comprehensive, up-to-date coverage of the broad range of topics in this subject. In addition to an extensive pedagogical program, the book provides unparalleled support for both research and modeling projects, giving students a broader perspective. The Text and Academic Authors Association named Computer Security: Principles and Practice, 1e, the winner of the Textbook Excellence Award for the best Computer Science textbook of 2008.

Principles and Practice

Packt Publishing Ltd

There are hundreds--if not thousands--of techniques used to compromise both Windows and Unix-based systems. Malicious code and new exploit scripts are released on a daily basis, and each evolution becomes more and more sophisticated. Keeping up with the myriad of systems used by hackers in the wild is a formidable task, and scrambling to patch each potential vulnerability or address each new attack one-by-one is a bit like emptying the Atlantic with paper cup.If you're a network administrator, the pressure is on you to defend your systems from attack. But short of devoting your life to becoming a security expert, what can you do to ensure the safety of your mission critical systems? Where do you start?Using the steps laid out by

professional security analysts and consultants to identify and assess risks, Network Security Assessment offers an efficient testing model that an administrator can adopt, refine, and reuse to create proactive defensive strategies to protect their systems from the threats that are out there, as well as those still being developed.This thorough and insightful guide covers offensive technologies by grouping and analyzing them at a higher level--from both an offensive and defensive standpoint--helping administrators design and deploy networks that are immune to offensive exploits, tools, and scripts. Network administrators who need to develop and implement a security assessment program will find everything they're looking for--a proven, expert-tested methodology on which to base their own comprehensive program--in this time-saving new book.

98-367: MTA Security Fundamentals John Wiley & Sons

Describes how to put software security into practice, covering such topics as risk analysis, coding policies, Agile Methods, cryptographic standards, and threat tree patterns.

Social Media Security Prentice Hall

Social networks, particularly public ones, have become part of the fabric of how we communicate and collaborate as a society. With value from micro-level

personal networking to macro-level outreach, social networking has become pervasive in people’s lives and is now becoming a significant driving force in business. These new platforms have provided new approaches to many critical enterprise functions, including identifying, communicating, and gathering feedback with customers (e.g., Facebook, Ning); locating expertise (e.g., LinkedIn); providing new communication platforms (e.g., Twitter); and collaborating with a community, small or large (e.g., wikis). However, many organizations have stayed away from potential benefits of social networks because of the significant risks associated with them. This book will help an organization understand the risks present in social networks and provide a framework covering policy, training and technology to address those concerns and mitigate the risks presented to leverage social media in their organization. The book also acknowledges that many organizations have already exposed themselves to more risk than they think from social networking and offers strategies for "dialing it back" to retake control. Defines an organization's goals for social networking Presents the risks present in social networking and how to mitigate them Explains how to maintain

continuous social networking security *Programming Windows Security* CRC Press Revised and updated to keep pace with this ever changing field, Security Strategies in Windows Platforms and Applications, Third Edition focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system, placing a particular emphasis on Windows 10, and Windows Server 2016 and 2019. The Third Edition highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security strategies and techniques.

Security Strategies in Windows Platforms and Applications Prentice Hall

The Laboratory Manual Version 1.5 To Accompany Security Strategies In Windows Platforms And Applications Is The Lab Companion To The Information Systems And Security Series Title, Security Strategies In Windows Platforms And Applications. It Provides Hands-On Exercises Using The

Jones & Bartlett Learning Virtual Security Cloud Labs, That Provide Real-World Experience With Measurable Learning Outcomes. About The Series: Visit Www.Issaseries.Com For A Complete Look At The Series! The Jones & Bartlett Learning Information System & 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.

Risk-Driven Security and Resiliency John Wiley & Sons
A guide to computer security for software developers demonstrates techniques for writing secure applications, covering cryptography, authentication, access control, and credentials.

Fundamentals of Communications and Networking Apress
Print Textbook & Cybersecurity Cloud Lab Access: 180-day subscription. Cybersecurity Cloud Labs for for Security Strategies in Windows Platforms and Applications provide

fully immersive mock IT infrastructures with live virtual machines and real software, where students will learn and practice the foundational information security skills they will need to excel n their future careers. Unlike simulations, these hands-on virtual labs reproduce the complex challenges of the real world, without putting an institution's assets at risk. Available as a standalone lab solution or bundled with Jones & Bartlett Learning textbooks, Cybersecurity Cloud Labs are an essential tool for mastering key course concepts through hands-on training. Lab 1: Implementing Access Controls with Windows Active Directory Lab 2: Using Access Control Lists to Modify File System Permissions on Windows Systems Lab 3: Configuring Microsoft Encrypting File System and BitLocker Drive Encryption Lab 4: Identifying and Removing Malware from Windows Systems Lab 5: Managing Group Policy within the Microsoft Windows Environment Lab 6: Auditing Windows Systems for Security Compliance Lab 7: Creating a Scheduled Backup and Replicating System Folders Lab 8: Hardening Windows Systems for Security Compliance Lab 9: Securing Internet Client and Server Applications on Windows Systems Lab 10: Investigating Security Incidents within the Microsoft Windows Environment

A Practical Guide
Jones & Bartlett Learning
Cyber Strategy: Risk-Driven Security and Resiliency provides a process and roadmap for any company to develop its unified Cybersecurity and Cyber Resiliency strategies. It demonstrates a methodology for companies to combine their disassociated efforts into one corporate plan with buy-in from senior management that will efficiently utilize resources, target high risk threats, and evaluate risk assessment methodologies and the efficacy of resultant risk mitigations. The book discusses all the steps required from conception of the plan from preplanning (mission/vision, principles, strategic objectives, new initiatives derivation), project management directives, cyber threat and vulnerability analysis, cyber risk and controls assessment to reporting and measurement techniques for plan success and overall strategic plan performance. In addition, a methodology is presented to aid in new initiative selection for the following year by identifying all relevant inputs. Tools utilized include: Key Risk Indicators (KRI) and Key Performance Indicators (KPI) National Institute of Standards and Technology (NIST) Cyber Security Framework (CSF) Target State Maturity

interval mapping per initiative Comparisons of current and target state business goals and critical success factors A quantitative NIST-based risk assessment of initiative technology components Responsible, Accountable, Consulted, Informed (RACI) diagrams for Cyber Steering Committee tasks and Governance Boards' approval processes Swimlanes, timelines, data flow diagrams (inputs, resources, outputs), progress report templates, and Gantt charts for project management The last chapter provides downloadable checklists, tables, data flow diagrams, figures, and assessment tools to help develop your company's cybersecurity and cyber resiliency strategic plan.

Print Bundle "O'Reilly Media, Inc."

Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a CSOC,

such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, www.mitre.org.
Apress
Praise for Core Security Patterns Java provides the application developer with essential security mechanisms and support in avoiding critical security bugs common in other languages. A language, however, can only go so far. The developer must understand the security requirements of the application and how to use the features Java provides in order to meet those requirements. Core Security Patterns addresses both aspects of security and will be a guide to developers everywhere in creating more secure applications. --Whitfield Diffie, inventor of Public-Key Cryptography A comprehensive book on Security Patterns, which are critical for secure programming. --Li Gong, former Chief Java Security Architect, Sun Microsystems, and coauthor of Inside Java 2 Platform Security As developers of existing applications, or future innovators that will drive the next generation of highly distributed applications, the patterns and best practices outlined in this book will be an important asset to your

development efforts. --Joe Uniejewski, Chief Technology Officer and Senior Vice President, RSA Security, Inc. This book makes an important case for taking a proactive approach to security rather than relying on the reactive security approach common in the software industry. --Judy Lin, Executive Vice President, VeriSign, Inc. Core Security Patterns provides a comprehensive patterns-driven approach and methodology for effectively incorporating security into your applications. I recommend that every application developer keep a copy of this indispensable security reference by their side. --Bill Hamilton, author of ADO.NET Cookbook, ADO.NET in a Nutshell, and NUnit Pocket Reference As a trusted advisor, this book will serve as a Java developer s security handbook, providing applied patterns and design strategies for securing Java applications. --Shaheen Nasirudheen, CISSP,Senior Technology Officer, JPMorgan Chase Like Core J2EE Patterns, this book delivers a proactive and patterns-driven approach for designing end-to-end security in your applications. Leveraging the authors strong security experience, they created a must-have book for any designer/developer looking to create secure applications. --John Crupi, Distinguished

Engineer, Sun Microsystems, coauthor of Core J2EE Patterns Core Security Patterns is the hands-on practitioner s guide to building robust end-to-end security into J2EE™ enterprise applications, Web services, identity management, service provisioning, and personal identification solutions. Written by three leading Java security architects, the patterns-driven approach fully reflects today s best practices for security in large-scale, industrial-strength applications. The authors explain the fundamentals of Java application security from the ground up, then introduce a powerful, structured security methodology; a vendor-independent security framework; a detailed assessment checklist; and twenty-three proven security architectural patterns. They walk through several realistic scenarios, covering architecture and implementation and presenting detailed sample code. They demonstrate how to apply cryptographic techniques; obfuscate code; establish secure communication; secure J2ME™ applications; authenticate and authorize users; and fortify Web services, enabling single sign-on, effective identity management, and personal identification using Smart Cards and Biometrics. Core Security Patterns covers all of the following, and more: What works and what doesn t: J2EE

application-security best practices, and common pitfalls to avoid Implementing key Java platform security features in real-world applications Establishing Web Services security using XML Signature, XML Encryption, WS-Security, XKMS, and WS-I Basic security profile Designing identity management and service provisioning systems using SAML, Liberty, XACML, and SPML Designing secure personal identification solutions using Smart Cards and Biometrics Security design methodology, patterns, best practices, reality checks, defensive strategies, and evaluation checklists End-to-end security architecture case study: architecting, designing, and implementing an end-to-end security solution for large-scale applications *Cybersecurity Threats, Malware Trends, and Strategies* Jones & Bartlett Publishers PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! More than 90 percent of individuals, students, educators, businesses, organizations, and governments use Microsoft Windows, which has experienced frequent attacks against its well-publicized vulnerabilities. Written by an industry expert, Security Strategies in Windows Platforms and Applications focuses on new risks, threats, and

vulnerabilities associated with the Microsoft Windows operating system. Particular emphasis is placed on Windows XP, Vista, and 7 on the desktop, and Windows Server 2003 and 2008 versions. It highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security strategies and techniques.

Laboratory Manual Version 1.5 to Accompany Security Strategies in Windows Platforms and Applications

Springer Science & Business Media

Build a resilient network and prevent advanced cyber attacks and breaches Key Features Explore modern cybersecurity techniques to protect your networks from ever-evolving cyber threats Prevent cyber attacks by using robust cybersecurity strategies Unlock the secrets of network security Book Description With advanced cyber attacks severely impacting industry giants and the constantly evolving threat landscape,

organizations are adopting complex systems to maintain robust and secure environments. Network Security Strategies will help you get well-versed with the tools and techniques required to protect any network environment against modern cyber threats. You'll understand how to identify security vulnerabilities across the network and how to effectively use a variety of network security techniques and platforms. Next, the book will show you how to design a robust network that provides top-notch security to protect against traditional and new evolving attacks. With the help of detailed solutions and explanations, you'll be able to monitor networks skillfully and identify potential risks. Finally, the book will cover topics relating to thought leadership and the management aspects of network security. By the end of this network security book, you'll be well-versed in defending your network from threats and be able to consistently maintain operational efficiency, security, and privacy in your environment. What you will learn Understand network security essentials, including concepts, mechanisms, and solutions to implement secure networks Get to grips with setting up and threat monitoring cloud and wireless networks Defend your network against emerging cyber threats in 2020 Discover tools, frameworks, and best

practices for network penetration testing Understand digital forensics to enhance your network security skills Adopt a proactive approach to stay ahead in network security Who this book is for This book is for anyone looking to explore information security, privacy, malware, and cyber threats. Security experts who want to enhance their skill set will also find this book useful. A prior understanding of cyber threats and information security will help you understand the key concepts covered in the book more effectively.

Security Strategies in Windows Platforms and Applications Jones & Bartlett Publishers

PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES!More than 90 percent of individuals, students, educators, businesses, organizations, and governments use Microsoft Windows, which has experienced frequent attacks against its well-publicized vulnerabilities. Written by an industry expert, Security Strategies in Windows Platforms and Applications focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system. Particular emphasis is placed on Windows XP, Vista, and 7 on the desktop, and Windows Server 2003 and 2008 versions. It highlights how to use tools and techniques to decrease

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Protect your network and enterprise against advanced cybersecurity attacks and threats Syngress Use this hands-on guide to understand the ever growing and complex world of digital security. Learn how to protect yourself from digital crime, secure your communications, and become anonymous online using sophisticated yet practical tools and techniques. This book teaches you how to secure your online identity and personal devices, encrypt your digital data and online communications, protect cloud data and Internet of Things (IoT), mitigate social engineering attacks, keep your purchases secret, and conceal your digital footprint. You will understand best practices to harden your operating system and delete digital traces using the most widely used operating system, Windows. Digital Privacy and Security Using Windows offers a

comprehensive list of practical digital privacy tutorials in addition to being a complete repository of free online resources and tools assembled in one place. The book helps you build a robust defense from electronic crime and corporate surveillance. It covers general principles of digital privacy and how to configure and use various security applications to maintain your privacy, such as TOR, VPN, and BitLocker. You will learn to encrypt email communications using Gpg4win and Thunderbird. What You'll Learn Know the various parties interested in having your private data Differentiate between government and corporate surveillance, and the motivations behind each one Understand how online tracking works technically Protect digital data, secure online communications, and become anonymous online Cover and destroy your digital traces using Windows OS Secure your data in transit and at rest Be aware of cyber security risks and countermeasures Who This Book Is For End users, information security professionals, management, infosec students

Network Security Assessment Addison-Wesley Professional 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 Cuéllar 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

Security Strategies in Windows Platforms and Applications with Virtual Lab Access

Jones & Bartlett Publishers

"The Second Edition of Security Strategies in Linux Platforms and Applications opens with a discussion of risks, threats, and vulnerabilities. Part 2 discusses how to take advantage of the layers of security and the modules associated with AppArmor and SELinux. Part 3 looks at the use of open source and proprietary tools when building a layered security strategy"--