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KEY=OF - JADA RAYMOND

PRINCIPLES OF INFORMATION SECURITY

Cengage Learning Master the latest technology and developments from the field with the book specifically oriented to the needs of those learning information systems -- **PRINCIPLES OF INFORMATION SECURITY, 6E**. Taking a managerial approach, this bestseller emphasizes all aspects of information security, rather than just the technical control perspective. Readers gain a broad overview of the entire field of information security and related elements with the detail to ensure understanding. The book highlights terms used in the field and a history of the discipline as readers learn how to manage an information security program. This edition highlights the latest practices with fresh examples that explore the impact of emerging technologies, such as the Internet of Things, Cloud Computing, and DevOps. Updates address technical security controls, emerging legislative issues, digital forensics, and ethical issues in IS security, making this the ideal IS resource for business decision makers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PRINCIPLES OF INFORMATION SECURITY

Cengage Learning Discover the latest trends, developments and technology in information security today with Whitman/Mattord's market-leading **PRINCIPLES OF INFORMATION SECURITY, 7th Edition**. Designed specifically to meet the needs of those studying information systems, 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 and digital forensics. Coverage of the most recent policies and guidelines that correspond to federal and international standards further prepare you for success both in information systems and as a business decision-maker. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PRINCIPLES OF INFORMATION SECURITY

Cengage Learning Specifically oriented to the needs of information systems students, **PRINCIPLES OF INFORMATION SECURITY, 5e** delivers the latest technology and developments from the field. Taking a managerial approach, this bestseller teaches all the aspects of information security-not just the technical control perspective. It provides a broad review of the entire field of information security, background on many related elements, and enough detail to facilitate understanding of the topic. It covers the terminology of the field, the history of the discipline, and an overview of how to manage an information security program. Current and relevant, the fifth edition includes the latest practices, fresh examples, updated material on technical security controls, emerging legislative issues, new coverage of digital forensics, and hands-on application of ethical issues in IS security. It is the ultimate resource for future business decision-makers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

HANDS-ON INFORMATION SECURITY LAB MANUAL

Cengage Learning **HANDS-ON INFORMATION SECURITY LAB MANUAL**, Fourth Edition, helps you hone essential information security skills by applying your knowledge to detailed, realistic exercises using Microsoft Windows 2000, Windows XP, Windows 7, and Linux. This wide-ranging, non-certification-based lab manual includes coverage of scanning, OS vulnerability analysis and resolution, firewalls, security maintenance, forensics, and more. The Fourth Edition includes new introductory labs focused on virtualization techniques and images, giving you valuable experience with some of the most important trends and practices in information security and networking today. All software necessary to complete the labs are available online as a free download. An ideal resource for introductory, technical, and managerial courses or self-study, this versatile manual is a perfect supplement to the **PRINCIPLES OF INFORMATION SECURITY**, **SECURITY FUNDAMENTALS**, and **MANAGEMENT OF INFORMATION SECURITY** books. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

MANAGEMENT OF INFORMATION SECURITY

Cengage Learning Readers discover a managerially-focused overview of information security with a thorough treatment of how to most effectively administer it with **MANAGEMENT OF INFORMATION SECURITY**, 5E. Information throughout helps readers become information security management practitioners able to secure systems and networks in a world where continuously emerging threats, ever-present attacks, and the success of criminals illustrate the weaknesses in current information technologies. Current and future professional managers complete this book with the exceptional blend of skills and experiences to develop and manage the more secure computing environments that today's organizations need. This edition offers a tightened focus on key executive and managerial aspects of information security while still emphasizing the important foundational material to reinforce key concepts. Updated content reflects the most recent developments in the field, including NIST, ISO, and security governance. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO NETWORK SECURITY

Cengage Learning **GUIDE TO NETWORK SECURITY** is a wide-ranging new text that provides a detailed review of the network security field, including essential terminology, the history of the discipline, and practical techniques to manage implementation of network security solutions. It begins with an overview of information, network, and web security, emphasizing the role of data communications and encryption. The authors then explore network perimeter defense technologies and methods, including access controls, firewalls, VPNs, and intrusion detection systems, as well as applied cryptography in public key infrastructure, wireless security, and web commerce. The final section covers additional topics relevant for information security practitioners, such as assessing network security, professional careers in the field, and contingency planning. Perfect for both aspiring and active IT professionals, **GUIDE TO NETWORK SECURITY** is an ideal resource for students who want to help organizations protect critical information assets and secure their systems and networks, both by recognizing current threats and vulnerabilities, and by designing and developing the secure systems of the future. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

MANAGEMENT OF INFORMATION SECURITY

Delmar Information Security professionals, managers of IT employees, business managers, organizational security officers, network administrators, students or Business and Information Systems, IT, Accounting, Criminal Justice or IS majors.

PRINCIPLES OF INCIDENT RESPONSE AND DISASTER RECOVERY

Cengage Learning Learn how to identify vulnerabilities within computer networks and implement countermeasures that mitigate risks and damage with Whitman/Mattord's **PRINCIPLES OF INCIDENT RESPONSE & DISASTER RECOVERY**, 3rd Edition. This edition offers the knowledge you need to help organizations prepare for and avert system interruptions and natural disasters. Comprehensive coverage addresses information security and IT in contingency planning today. Updated content focuses on incident response and disaster recovery. You examine the complexities of organizational readiness from an IT and business perspective with emphasis on management practices and policy requirements. You review industry's best practices for minimizing downtime in emergencies and curbing losses during and after system service interruptions. This edition includes the latest NIST knowledge, expanded coverage of security information and event management (SIEM) and unified threat management, and more explanation of cloud-based systems

and Web-accessible tools to prepare you for success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO FIREWALLS AND VPNS

Cengage Learning Firewalls are among the best-known network security tools in use today, and their critical role in information security continues to grow. However, firewalls are most effective when backed by thoughtful security planning, well-designed security policies, and integrated support from anti-virus software, intrusion detection systems, and related tools. **GUIDE TO FIREWALLS AND VPNS, THIRD EDITION** explores firewalls in the context of these critical elements, providing an in-depth guide that focuses on both managerial and technical aspects of security. Coverage includes packet filtering, authentication, proxy servers, encryption, bastion hosts, virtual private networks (VPNs), log file maintenance, and intrusion detection systems. The text also features an abundant selection of realistic projects and cases incorporating cutting-edge technology and current trends, giving students the opportunity to hone and apply the knowledge and skills they will need as working professionals. **GUIDE TO FIREWALLS AND VPNS** includes new and updated cases and projects, enhanced coverage of network security and VPNs, and information on relevant National Institute of Standards and Technology guidelines used by businesses and information technology professionals. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PRINCIPLES OF INCIDENT RESPONSE AND DISASTER RECOVERY

Cengage Learning **PRINCIPLES OF INCIDENT RESPONSE & DISASTER RECOVERY, 2nd Edition** presents methods to identify vulnerabilities within computer networks and the countermeasures that mitigate risks and damage. From market-leading content on contingency planning, to effective techniques that minimize downtime in an emergency, to curbing losses after a breach, this text is the resource needed in case of a network intrusion. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO NETWORK SECURITY

Cengage Learning **GUIDE TO NETWORK SECURITY** is a wide-ranging new text that provides a detailed review of the network security field, including essential terminology, the history of the discipline, and practical techniques to manage implementation of network security solutions. It begins with an overview of information, network, and web security, emphasizing the role of data communications and encryption. The authors then explore network perimeter defense technologies and methods, including access controls, firewalls, VPNs, and intrusion detection systems, as well as applied cryptography in public key infrastructure, wireless security, and web commerce. The final section covers additional topics relevant for information security practitioners, such as assessing network security, professional careers in the field, and contingency planning. Perfect for both aspiring and active IT professionals, **GUIDE TO NETWORK SECURITY** is an ideal resource for students who want to help organizations protect critical information assets and secure their systems and networks, both by recognizing current threats and vulnerabilities, and by designing and developing the secure systems of the future. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

HANDS-ON INFORMATION SECURITY LAB MANUAL

Cengage Learning The Hands-On Information Security Lab Manual allows users to apply the basics of their introductory security knowledge in a hands-on environment with detailed exercises using Windows 2000, XP and Linux. This non-certification based lab manual includes coverage of scanning, OS vulnerability analysis and resolution firewalls, security maintenance, forensics, and more. A full version of the software needed to complete these projects is included on a CD with every text, so instructors can effortlessly set up and run labs to correspond with their classes. The Hands-On Information Security Lab Manual is a suitable resource for introductory, technical and managerial courses, and is a perfect supplement to the Principles of Information Security and Management of Information Security texts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO FIREWALLS AND VPNS

Cengage Learning Firewalls are among the best-known network security tools in use today, and their critical role in information security continues to grow. However, firewalls are

most effective when backed by thoughtful security planning, well-designed security policies, and integrated support from anti-virus software, intrusion detection systems, and related tools. **GUIDE TO FIREWALLS AND VPNs, THIRD EDITION** explores firewalls in the context of these critical elements, providing an in-depth guide that focuses on both managerial and technical aspects of security. Coverage includes packet filtering, authentication, proxy servers, encryption, bastion hosts, virtual private networks (VPNs), log file maintenance, and intrusion detection systems. The text also features an abundant selection of realistic projects and cases incorporating cutting-edge technology and current trends, giving students the opportunity to hone and apply the knowledge and skills they will need as working professionals. **GUIDE TO FIREWALLS AND VPNs** includes new and updated cases and projects, enhanced coverage of network security and VPNs, and information on relevant National Institute of Standards and Technology guidelines used by businesses and information technology professionals. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

HANDBOOK OF DISTANCE LEARNING FOR REAL-TIME AND ASYNCHRONOUS INFORMATION TECHNOLOGY EDUCATION

IGI Global "This book looks at solutions that provide the best fits of distance learning technologies for the teacher and learner presented by sharing teacher experiences in information technology education"--Provided by publisher.

EXPLORATIONS IN COMPUTER SCIENCE

Jones & Bartlett Learning Revised And Updated, The Second Edition Of Explorations In Computer Science: A Guide To Discovery Provides Introductory Computer Science Students With A Hands-On Learning Experience. Designed To Expose Students To A Variety Of Subject Areas, This Laboratory Manual Offers Challenging Exercises In Problem Solving And Experimentation. Each Lab Includes Objectives, References, Background Information, And An In-Depth Activity, And Numerous Exercises For Deeper Investigation Of The Topic Under Discussion.

MANAGEMENT OF INFORMATION SECURITY

Cengage Learning **MANAGEMENT OF INFORMATION SECURITY, Fourth Edition** gives readers an overview of information security and assurance using both domestic and international standards, all from a management perspective. Beginning with the foundational and technical components of information security, this edition then focuses on access control models, information security governance, and information security program assessment and metrics. The Fourth Edition is revised and updated to reflect changes in the field, including the ISO 27000 series, so as to prepare readers to succeed in the workplace. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO NETWORK SECURITY

Delmar **GUIDE TO NETWORK SECURITY, International Edition** is a wide-ranging new text that provides a detailed review of the network security field, including essential terminology, the history of the discipline, and practical techniques to manage implementation of network security solutions. It begins with an overview of information, network, and web security, emphasizing the role of data communications and encryption. The authors then explore network perimeter defense technologies and methods, including access controls, firewalls, VPNs, and intrusion detection systems, as well as applied cryptography in public key infrastructure, wireless security, and web commerce. The final section covers additional topics relevant for information security practitioners, such as assessing network security, professional careers in the field, and contingency planning. Perfect for both aspiring and active IT professionals, **GUIDE TO NETWORK SECURITY, International Edition** is an ideal resource for readers who want to help organizations protect critical information assets and secure their systems and networks, both by recognizing current threats and vulnerabilities, and by designing and developing the secure systems of the future.

READINGS & CASES IN INFORMATION SECURITY: LAW & ETHICS

Cengage Learning **Readings and Cases in Information Security: Law and Ethics** provides a depth of content and analytical viewpoint not found in many other books. Designed for use with any Cengage Learning security text, this resource offers readers a real-life view of information security management, including the ethical and legal issues associated with various on-the-job experiences. Included are a wide selection of foundational readings and scenarios from a variety of experts to give the reader the most realistic perspective of a career in information security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

AUDITING CLOUD COMPUTING

A SECURITY AND PRIVACY GUIDE

John Wiley & Sons The auditor's guide to ensuring correct security and privacy practices in a cloud computing environment Many organizations are reporting or projecting a significant cost savings through the use of cloud computing—utilizing shared computing resources to provide ubiquitous access for organizations and end users. Just as many organizations, however, are expressing concern with security and privacy issues for their organization's data in the "cloud." Auditing Cloud Computing provides necessary guidance to build a proper audit to ensure operational integrity and customer data protection, among other aspects, are addressed for cloud based resources. Provides necessary guidance to ensure auditors address security and privacy aspects that through a proper audit can provide a specified level of assurance for an organization's resources Reveals effective methods for evaluating the security and privacy practices of cloud services A cloud computing reference for auditors and IT security professionals, as well as those preparing for certification credentials, such as Certified Information Systems Auditor (CISA) Timely and practical, Auditing Cloud Computing expertly provides information to assist in preparing for an audit addressing cloud computing security and privacy for both businesses and cloud based service providers.

ROADMAP TO INFORMATION SECURITY: FOR IT AND INFOSEC MANAGERS

Cengage Learning ROADMAP TO INFORMATION SECURITY: FOR IT AND INFOSEC MANAGERS provides a solid overview of information security and its relationship to the information needs of an organization. Content is tailored to the unique needs of information systems professionals who find themselves brought in to the intricacies of information security responsibilities. The book is written for a wide variety of audiences looking to step up to emerging security challenges, ranging from students to experienced professionals. This book is designed to guide the information technology manager in dealing with the challenges associated with the security aspects of their role, providing concise guidance on assessing and improving an organization's security. The content helps IT managers to handle an assignment to an information security role in ways that conform to expectations and requirements, while supporting the goals of the manager in building and maintaining a solid information security program. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO SUPPORTING MICROSOFT PRIVATE CLOUDS

Cengage Learning GUIDE TO SUPPORTING MICROSOFT PRIVATE CLOUDS instructs future network administrators how to effectively implement and maintain Microsoft private clouds with a balance of conceptual expertise and hands-on skills. Ideal for your server administration course, this text prepares students to work with large providers, such as Amazon, Microsoft, and Google, as well as implement smaller scale cloud computing solutions within their own network environments. GUIDE TO SUPPORTING MICROSOFT PRIVATE CLOUDS begins with a conceptual foundation and by the last chapter, students have completed over 75 lab activities as they learn to put in place a high-availability cluster to support a Microsoft private cloud. Clear learning objectives, review questions, case projects, and complete instructor support further reinforce student understanding of cloud computing. Successive chapters help refine key skills students need to implement private cloud stations using Microsoft technologies, including Windows Server 2008 R2, Hyper-V virtualization, Virtual Machine Manager, Self-Service Portal, Virtual Desktop Infrastructure (VDI), Storage Server, Failover Cluster Manager, and Windows PowerShell. To encourage teamwork, lab activities are designed for three-member teams who share private cloud stations consisting of three networked servers. Rely on GUIDE TO SUPPORTING MICROSOFT PRIVATE CLOUDS to teach your students the private cloud computing skills they will need now and in the future. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

GUIDE TO UNIX USING LINUX

Cengage Learning Written with a clear, straightforward writing style and packed with step-by-step projects for direct, hands-on learning, Guide to UNIX Using Linux, 4E is the perfect resource for learning UNIX and Linux from the ground up. Through the use of practical examples, end-of-chapter reviews, and interactive exercises, novice users are transformed into confident UNIX/Linux users who can employ utilities, master files, manage and query data, create scripts, access a network or the Internet, and navigate popular user interfaces and software. The updated 4th edition incorporates coverage of the latest versions of UNIX and Linux, including new versions of Red Hat, Fedora, SUSE, and Ubuntu Linux. A new chapter has also been added to cover basic networking utilities, and several other chapters have been expanded to include additional information on the KDE and GNOME desktops, as well as coverage of the popular OpenOffice.org office suite. With a strong focus on universal UNIX and Linux commands that are transferable to all versions of Linux, this book is a

must-have for anyone seeking to develop their knowledge of these systems. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

PRINCIPLES OF INCIDENT RESPONSE AND DISASTER RECOVERY

Learn how to identify vulnerabilities within computer networks and implement countermeasures that mitigate risks and damage with Whitman/Mattord's **PRINCIPLES OF INCIDENT RESPONSE & DISASTER RECOVERY**, 3rd Edition. This edition offers the knowledge you need to help organizations prepare for and avert system interruptions and natural disasters. Comprehensive coverage addresses information security and IT in contingency planning today. Updated content focuses on incident response and disaster recovery. You examine the complexities of organizational readiness from an IT and business perspective with emphasis on management practices and policy requirements. You review industry's best practices for minimizing downtime in emergencies and curbing losses during and after system service interruptions. This edition includes the latest NIST knowledge, expanded coverage of security information and event management (SIEM) and unified threat management, and more explanations of cloud-based systems and Web-accessible tools to prepare you for success.

BOOKS IN PRINT SUPPLEMENT

READINGS AND CASES IN THE MANAGEMENT OF INFORMATION SECURITY

Course Technology Ptr This text provides students with a set of industry focused readings and cases illustrating real-world issues in information security.

CYBER WAR AND PEACE

TOWARD CYBER PEACE

Cambridge University Press The frontiers are the future of humanity. Peacefully and sustainably managing them is critical to both security and prosperity in the twenty-first century.

ENCYCLOPEDIA OF CRISIS MANAGEMENT

SAGE Crisis is varied and unavoidable. We see crisis every day within organizations, governments, businesses and the economy. A true crisis differs from a 'routine' emergency, such as a water pipe bursting in the kitchen. Per one definition, "it is associated with urgent, high-stakes challenges in which the outcomes can vary widely (and are very negative at one end of the spectrum) and will depend on the actions taken by those involved". Successfully engaging, dealing with, and working through a crisis requires an understanding of options and tools for individual and joint decision making. The Encyclopedia of Crisis Management comprehensively overviews concepts and techniques for effectively assessing, analyzing, managing, and resolving crises, whether they be organizational, business, community, or political. From general theories and concepts exploring the meaning and causes of crisis to practical strategies and techniques relevant to crises of specific types, crisis management is thoroughly explored.

INFORMATION SECURITY GOVERNANCE

Springer Science & Business Media IT Security governance is becoming an increasingly important issue for all levels of a company. IT systems are continuously exposed to a wide range of threats, which can result in huge risks that threaten to compromise the confidentiality, integrity, and availability of information. This book will be of use to those studying information security, as well as those in industry.

INFORMATION SECURITY: THE COMPLETE REFERENCE, SECOND EDITION

McGraw Hill Professional Develop and implement an effective end-to-end security program Today's complex world of mobile platforms, cloud computing, and ubiquitous data access puts new security demands on every IT professional. Information Security: The Complete Reference, Second Edition (previously titled Network Security: The Complete Reference) is the only comprehensive book that offers vendor-neutral details on all aspects of information protection, with an eye toward the evolving threat landscape. Thoroughly revised and expanded to cover all aspects of modern information security—from concepts to details—this edition provides a one-stop reference equally applicable to the beginner and the

seasoned professional. Find out how to build a holistic security program based on proven methodology, risk analysis, compliance, and business needs. You'll learn how to successfully protect data, networks, computers, and applications. In-depth chapters cover data protection, encryption, information rights management, network security, intrusion detection and prevention, Unix and Windows security, virtual and cloud security, secure application development, disaster recovery, forensics, and real-world attacks and countermeasures. Included is an extensive security glossary, as well as standards-based references. This is a great resource for professionals and students alike. Understand security concepts and building blocks Identify vulnerabilities and mitigate risk Optimize authentication and authorization Use IRM and encryption to protect unstructured data Defend storage devices, databases, and software Protect network routers, switches, and firewalls Secure VPN, wireless, VoIP, and PBX infrastructure Design intrusion detection and prevention systems Develop secure Windows, Java, and mobile applications Perform incident response and forensic analysis

SECURITY+ GUIDE TO NETWORK SECURITY FUNDAMENTALS

Cengage Learning Reflecting the latest trends and developments from the information security field, best-selling **Security+ Guide to Network Security Fundamentals, Fourth Edition**, provides a complete introduction to practical network and computer security and maps to the CompTIA Security+ SY0-301 Certification Exam. The text covers the fundamentals of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography. The updated edition includes new topics, such as psychological approaches to social engineering attacks, Web application attacks, penetration testing, data loss prevention, cloud computing security, and application programming development security. The new edition features activities that link to the Information Security Community Site, which offers video lectures, podcats, discussion boards, additional hands-on activities and more to provide a wealth of resources and up-to-the minute information. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

COMPUTER ARCHITECTURE AND SECURITY

FUNDAMENTALS OF DESIGNING SECURE COMPUTER SYSTEMS

John Wiley & Sons The first book to introduce computer architecture for security and provide the tools to implement secure computer systems This book provides the fundamentals of computer architecture for security. It covers a wide range of computer hardware, system software and data concepts from a security perspective. It is essential for computer science and security professionals to understand both hardware and software security solutions to survive in the workplace. Examination of memory, CPU architecture and system implementation Discussion of computer buses and a dual-port bus interface Examples cover a board spectrum of hardware and software systems Design and implementation of a patent-pending secure computer system Includes the latest patent-pending technologies in architecture security Placement of computers in a security fulfilled network environment Co-authored by the inventor of the modern Computed Tomography (CT) scanner Provides website for lecture notes, security tools and latest updates

GLOBAL SECURITY, SAFETY, AND SUSTAINABILITY

6TH INTERNATIONAL CONFERENCE, ICGS3 2010, BRAGA, PORTUGAL, SEPTEMBER 1-3, 2010. PROCEEDINGS

Springer Science & Business Media The annual International Conference on Global Security, Safety and Sustainability (ICGS3) is an established platform in which security, safety and sustainability issues can be examined from several global perspectives through dialogue between academics, students, government representatives, chief executives, security professionals, and research scientists from the United Kingdom and from around the globe. The three-day conference focused on the challenges of complexity, rapid pace of change and risk/opportunity issues associated with modern products, systems, special events and infrastructures. The importance of adopting systematic and systemic approaches to the assurance of these systems was emphasized within a special stream focused on strategic frameworks, architectures and human factors. The conference provided an opportunity for systems scientists, assurance researchers, owners, operators and maintainers of large, complex and advanced systems and infrastructures to update their knowledge on the state of best practice in these challenging domains while networking with the leading researchers and solution providers. ICGS3 2010 received paper submissions from more than 17 different countries in all continents. Only 31 papers were selected and were presented as full papers. The program also included a number of keynote lectures by leading researchers, security professionals and government representatives.

INFORMATION SECURITY

POLICY, PROCESSES, AND PRACTICES

M.E. Sharpe This volume in the Advances in Management Information Systems series covers the managerial landscape of information security.

GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS

Cengage Learning Updated with the latest advances from the field, **GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Fifth Edition** combines all-encompassing topic coverage and authoritative information from seasoned experts to deliver the most comprehensive forensics resource available. This proven author team's wide ranging areas of expertise mirror the breadth of coverage provided in the book, which focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers. Providing clear instruction on the tools and techniques of the trade, it introduces readers to every step of the computer forensics investigation-from lab set-up to testifying in court. It also details step-by-step guidance on how to use current forensics software. Appropriate for learners new to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations, or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

COMPUTER SECURITY

PRINCIPLES AND PRACTICE

Prentice Hall **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.

INFORMATION ASSURANCE

SURVIVING IN THE INFORMATION ENVIRONMENT

Springer Science & Business Media When you first hear the term Information Assurance you tend to conjure up an image of a balanced set of reasonable measures that have been taken to protect the information after an assessment has been made of risks that are posed to it. In truth this is the Holy Grail that all organisations that value their information should strive to achieve, but which few even understand. Information Assurance is a term that has recently come into common use. When talking with old timers in IT (or at least those that are over 35 years old), you will hear them talking about information security, a term that has survived since the birth of the computer. In the more recent past, the term Information Warfare was coined to describe the measures that need to be taken to defend and attack information. This term, however, has military connotations - after all, warfare is normally their domain. Shortly after the term came into regular use, it was applied to a variety of situations encapsulated by Winn Schwartau as the three classes of Information Warfare: Class 1- Personal Information Warfare. Class 2 - Corporate Information Warfare. Class 3 - Global Information Warfare. Political sensitivities lead to "warfare" being replaced by "operations", a much more "politically correct" word. Unfortunately, "operations" also has an offensive connotation and is still the terminology of the military and governments.

SECURITY+ GUIDE TO NETWORK SECURITY FUNDAMENTALS

Course Technology Ptr Completely rewritten to include Microsoft Windows Server 2003 coverage and other cutting-edge technologies, this best selling text will ensure your students' success on CompTIA's latest Server+ Exam.

E-INFRASTRUCTURE AND E-SERVICES FOR DEVELOPING COUNTRIES

9TH INTERNATIONAL CONFERENCE, AFRICOMM 2017, LAGOS, NIGERIA, DECEMBER 11-12, 2017, PROCEEDINGS

Springer This book constitutes the thoroughly refereed proceedings of the 9th International Conference on e-Infrastructure and e-Services for Developing Countries, AFRICOMM 2017, held in Lagos, Nigeria, in December 2017. The 19 full papers, 12 short papers and 5 workshop papers were carefully selected from 81 submissions. The papers were presented in eight sessions: e-government, network and load management, digital inclusion, knowledge extraction, representation and sharing, networks and communications, ICT applications for development, decision support, e-business and e-services, internet measurement.

INTRODUCTION TO INFORMATION SECURITY

A STRATEGIC-BASED APPROACH

Newnes Most introductory texts provide a technology-based survey of methods and techniques that leaves the reader without a clear understanding of the interrelationships between methods and techniques. By providing a strategy-based introduction, the reader is given a clear understanding of how to provide overlapping defenses for critical information. This understanding provides a basis for engineering and risk-management decisions in the defense of information. Information security is a rapidly growing field, with a projected need for thousands of professionals within the next decade in the government sector alone. It is also a field that has changed in the last decade from a largely theory-based discipline to an experience-based discipline. This shift in the field has left several of the classic texts with a strongly dated feel. Provides a broad introduction to the methods and techniques in the field of information security Offers a strategy-based view of these tools and techniques, facilitating selection of overlapping methods for in-depth defense of information Provides very current view of the emerging standards of practice in information security

COMPUTER SCIENCE

A STRUCTURED PROGRAMMING APPROACH
