
Internet Intranet Security Artech House Computer

Wireless Network Security

Telecom and Network Security

IT Policy and Ethics: Concepts, Methodologies, Tools, and Applications

Web Security

Communications and Multimedia Security Issues of the New Century

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The Internet Encyclopedia

End-to-End Encrypted Messaging

Security Technologies for the World Wide Web

Handbook of Information Security, Key Concepts, Infrastructure, Standards, and Protocols

Security Technologies for the World Wide Web

The Handbook of Ad Hoc Wireless Networks

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Embedded Computer Systems: Architectures, Modeling, and Simulation

Java Card for E-payment Applications

Technologies and Protocols for the Future of Internet Design: Reinventing the Web

SSL and TLS: Theory and Practice, Third Edition

Smart Cities Cybersecurity and Privacy

Secure Messaging on the Internet

Fuzzing for Software Security Testing and Quality Assurance, Second Edition
Understanding Voice Over IP Security
Critical Information Infrastructures
SSL and TLS: Theory and Practice, Second Edition
Encyclopedia of Multimedia Technology and Networking, Second Edition
Internet and Intranet Security Management: Risks and Solutions
Privacy in Statistical Databases
A Practical Guide to Security Engineering and Information Assurance
Implementing Security for ATM Networks
System-on-Chip Architectures and Implementations for Private-Key Data Encryption
Securing Electronic Business Processes
Networks
M-Health
Secure Communications

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JAYLEEN ALIJAH

Wireless Network Security IGI Global

Covers security basics and guides reader through the process of testing a Web site. Explains how to analyze results and design specialized follow-up tests that focus on potential security gaps. Teaches the process of discovery, scanning, analyzing, verifying results of specialized tests, and fixing vulnerabilities.

Telecom and Network Security Artech House

The world moves on Critical Information Infrastructures, and their resilience and protection is of vital importance. Starting with some basic definitions and assumptions on the topic, this book

goes on to explore various aspects of Critical Infrastructures throughout the world - including the technological, political, economic, strategic and defensive. This book will be of interest to the CEO and Academic alike as they grapple with how to prepare Critical Information Infrastructures for new challenges.

IT Policy and Ethics: Concepts, Methodologies, Tools, and Applications Telecommunications Reports International, Incorporated

Today the vast majority of the world's information resides in, is derived from, and is exchanged among multiple automated systems. Critical decisions are made, and critical action is taken based on information from these systems. Therefore, the information must be accurate, correct, and timely, and be manipulated, stored, retrieved, and exchanged s

Web Security Artech House

The Internet has changed significantly from its beginnings as a simple network used to pass data from one computer to another. Containing essential tools for everyday information processing, the Internet is used by small and large organizations alike and continues to evolve with the changing information technology landscape. Technologies and Protocols for the Future of Internet Design: Reinventing the Web aims to provide relevant methods and theories in the area of the Internet design. It is written for the research community and professionals who wish to improve their understanding of future Internet technologies and gain knowledge of new tools and techniques in future Internet design.

Communications and Multimedia Security Issues of the New Century IGI Global

Now in its Third Edition, this completely revised and updated reference provides a thorough and comprehensive introduction into the SSL, TLS, and DTLS protocols, explaining all the details and technical subtleties and showing how the current design helps mitigate the attacks that have made press headlines in the past. The book tells the complete story of TLS, from its earliest incarnation (SSL 1.0 in 1994), all the way up to and including TLS 1.3. Detailed descriptions of each protocol version give you a full understanding of why the protocol looked like it did, and why it now looks like it does. You will get a clear, detailed introduction to TLS 1.3 and understand the broader context of how TLS works with firewall and network middleboxes, as well the key topic of public infrastructures and their role in securing TLS. You will also find similar details on DTLS, a close sibling of TLS that is designed to operate over UDP instead of TCP. The book helps you fully

understand the rationale behind the design of the SSL, TLS, and DTLS protocols and all of its extensions. It also gives you an in-depth and accessible breakdown of the many vulnerabilities in earlier versions of TLS, thereby more fully equipping you to properly configure and use the protocols in the field and protect against specific (network-based) attacks. With its thorough discussion of widely deployed network security technology, coupled with its practical applications you can utilize today, this is a must-have book for network security practitioners and software/web application developers at all levels.

A 360-Degree View of IoT Technologies Artech House

The volume contains the papers presented at the fifth working conference on Communications and Multimedia Security (CMS 2001), held on May 21-22, 2001 at (and organized by) the GMD - German National Research Center for Information Technology GMD - Integrated Publication and Information Systems Institute IPSI, in Darmstadt, Germany. The conference is arranged jointly by the Technical Committees 11 and 6 of the International Federation of Information Processing (IFIP) The name "Communications and Multimedia Security" was first used in 1995, Reinhard Posch organized the first in this series of conferences in Graz, Austria, following up on the previously national (Austrian) "IT Sicherheit" conferences held in Klagenfurt (1993) and Vienna (1994). In 1996, the CMS took place in Essen, Germany; in 1997 the conference moved to Athens, Greece. The CMS 1999 was held in Leuven, Belgium. This conference provides a forum for presentations and discussions on issues which combine innovative research work with a highly promising application potential in the area of security for communication

and multimedia security. State-of-the-art issues as well as practical experiences and new trends in the areas were topics of interest again, as it has already been the case at previous conferences. This year, the organizers wanted to focus the attention on watermarking and copyright protection for e-commerce applications and multimedia data. We also encompass excellent work on recent advances in cryptography and their applications. In recent years, digital media data have enormously gained in importance.

The Internet Encyclopedia Digital Press

The Internet Encyclopedia in a 3-volume reference work on the internet as a business tool, IT platform, and communications and commerce medium.

End-to-End Encrypted Messaging John Wiley & Sons

This newly revised edition of the Artech House bestseller brings you the most, up-to-date, comprehensive analysis of the current trends in WWW security available, with brand new chapters on authentication and authorization infrastructures, server-side security, and risk management. You also find coverage of entirely new topics such as Microsoft.NET Passport. From HTTP security, firewalls and proxy servers, cryptographic security protocols, electronic payment systems... to public key infrastructures, authentication and authorization infrastructures, and client-side security, the book offers an in-depth understanding of the key technologies and standards used to secure the World Wide Web, Web-based applications, and Web services.

Security Technologies for the World Wide Web Artech House

Bücher über Kryptologie, die Algorithmen und

Verschlüsselungstechniken beschreiben, gibt es in Hülle und Fülle. Aber es gibt nur wenige Bücher, die sich - wie "Secure Communications" - mit der praktischen Seite der sicheren Sprachübertragung beschäftigen. Autor Roger Sutton diskutiert hier verschiedene Kommunikationsmedien, wobei er insbesondere auf technische Fragen und Sicherheitsrisiken eingeht und verschiedene Möglichkeiten zur Problemlösung aufgezeigt. Zahlreiche durchgearbeitete Beispiele für Netzwerke runden den Text ab.

Handbook of Information Security, Key Concepts, Infrastructure, Standards, and Protocols CRC Press

ICICS 2001, the Third International Conference on Information and Communications Security, was held in Xi'an, China, 13-16 November 2001. Among the preceding conferences, ICICS'97 was held in Beijing, China, 11-14 November 1997 and ICICS'99 in Sydney, Australia, 9-11 November 1999. The ICICS'97 and ICICS'99 proceedings were released as volumes 1334 and 1726 of Springer-Verlag's Lecture Notes in Computer Science series. ICICS 2001 was sponsored by the Chinese Academy of Sciences (CAS), the National Natural Science Foundation of China, and the China Computer Federation. The conference was organized by the Engineering Research Center for Information Security Technology of the Chinese Academy of Sciences (ERCIST, CAS) in cooperation with the International Association for Cryptologic Research (IACR), the International Communications and Information Security Association (ICISA), and the Asiacrypt Steering Committee. The format of ICICS 2001 was selected to cover the complete spectrum of information and communications security, and to promote participant interaction. The sessions were

designed to promote interaction between the major topics of the conference: theoretical foundations of security, secret sharing, network - curity, authentication and identi?cation, boolean functions and stream ciphers, security evaluation, signatures, block ciphers and public-key systems, infor- tion hiding, protocols and their analysis, and cryptanalysis. The 29-member Program Committee considered 134 submissions from 23 di- rent countries and regions, among them 56 papers were accepted for presentation.

Security Technologies for the World Wide Web Artech House Advances in hardware, software, and audiovisual rendering technologies of recent years have unleashed a wealth of new capabilities and possibilities for multimedia applications, creating a need for a comprehensive, up-to-date reference. The Encyclopedia of Multimedia Technology and Networking provides hundreds of contributions from over 200 distinguished international experts, covering the most important issues, concepts, trends, and technologies in multimedia technology. This must-have reference contains over 1,300 terms, definitions, and concepts, providing the deepest level of understanding of the field of multimedia technology and networking for academicians, researchers, and professionals worldwide.

The Handbook of Ad Hoc Wireless Networks Artech House Publishers

This pioneering guide to Internet and intranet security is the first to cover all of the relevant technologies in one comprehensive reference, and enhances the ability to create and deploy secure architectures. It gives users the knowledge needed for improved productivity, whether setting up commerce on line, assembling a

firewall, or selecting access controls and cryptographic protocols to secure TCP/IP-based networks.

Internet and Intranet Security Springer Science & Business Media This handbook delivers a complete and practice-oriented overview of the fundamentals of today's telecommunications networks and the future prospects for next generation networks (NGN). The very clear and concise text is supplemented by many colour illustrations and embedded into a functional four-colour layout.

Practical Intranet Security Springer Science & Business Media IT policies are set in place to streamline the preparation and development of information communication technologies in a particular setting. IT Policy and Ethics: Concepts, Methodologies, Tools, and Applications is a comprehensive collection of research on the features of modern organizations in order to advance the understanding of IT standards. This is an essential reference source for researchers, scholars, policymakers, and IT managers as well as organizations interested in carrying out research in IT policies.

Testing Web Security Springer Science & Business Media The role of the information security manager has changed. Have you? The challenges you face as an information security manager (ISM) have increased enormously since the first edition of Once more unto the breach was published. What seemed exceptional in 2011 is the norm in 2015: vulnerabilities have been experienced across all operating systems, millions of individuals have been affected by data breaches, and countless well-known companies have fallen victim to cyber attacks. It's your duty to ensure that your organisation isn't next. The ISM's information

security responsibilities now cover all aspects of the organisation and its operations, and relate to the security of information in all forms, locations and transactions across the organisation – and beyond. Topics covered include: Project management Physical security Password management Consumerisation (BYOD) Audit log management Vulnerability management Cloud computing Incident reporting Penetration testing Linking information security with records management Privacy impact assessments Internal auditing

In this revised edition of *Once more unto the breach*, Andrea C Simmons uses her extensive experience to provide an important insight into the changing role and responsibilities of the ISM, walking you through a typical ISM's year and highlighting the challenges and pitfalls of an information security programme. One of the key failures of security change management is that it is perceived as a project instead of a programme, and is therefore mistakenly assumed to have an end. *Once more unto the breach* explains why information security is an ongoing process, using the role of project manager on a programme of change to highlight the various incidents and issues that arise on an almost daily basis – and often go unnoticed. A major challenge for the ISM is achieving all-important buy-in from their colleagues. *Once more unto the breach* explains how to express the importance of the tasks you are undertaking in language that executive management will understand. You'll also discover the importance of having a camera with you at all times. For too long, security has been seen as more of an inhibitor than an enabler. *Once more unto the breach* is an invaluable resource that will help you improve this perception, and achieve better overall information protection results as a result. About the author

Andrea C Simmons is an information governance specialist with extensive experience in the private and public sectors. She has made significant contributions to the development of standards and industry research, and is currently working on a PhD in information assurance. She writes articles and blogs, and presents at conferences, seminars and workshops. Andrea is a member of many professional bodies and has just been awarded Senior Member status by the Information Systems Security Association (ISSA). Buy this book and understand the latest challenges information security managers face.

[Information and Communications Security](#) CRC Press

Adequate information security is one of the basic requirements of all electronic business processes. It is crucial for effective solutions that the possibilities offered by security technology can be integrated with the commercial requirements of the applications. Here the positions of the experts involved are very diverse: some strive for as much security as possible, others only for as much security as is necessary. The conference ISSE (Information Security Solutions Europe) is the outstanding forum for the interdisciplinary search for sustainable compromises and for the presentation of concepts which hold up in real life. This book offers the most recent papers in the area of strategies, technologies, applications and best practice.

Heavy Vehicle Event Data Recorder Interpretation Artech House

This completely revised and expanded second edition of *SSL and TLS: Theory and Practice* provides an overview and a comprehensive discussion of the Secure Sockets Layer (SSL), Transport Layer Security (TLS), and Datagram TLS (DTLS)

protocols that are omnipresent in today's e-commerce and e-business applications and respective security solutions. It provides complete details on the theory and practice of the protocols, offering readers a solid understanding of their design principles and modes of operation. Updates to this edition include coverage of the recent attacks against the protocols, newly specified extensions and firewall traversal, as well as recent developments related to public key certificates and respective infrastructures. This book targets software developers, security professionals, consultants, protocol designers, and chief security officers who will gain insight and perspective on the many details of the SSL, TLS, and DTLS protocols, such as cipher suites, certificate management, and alert messages. The book also comprehensively discusses the advantages and disadvantages of the protocols compared to other Internet security protocols and provides the details necessary to correctly implement the protocols while saving time on the security practitioner's side.

Developing Secure Distributed Systems with CORBA Springer Science & Business Media

This book is a clearly written, well structured hands-on guide for the professional software developer and engineer who needs to build secure applications with CORBA. It offers guidance securing CORBA applications, integrating security infrastructure with COBRA applications, evaluating the security effectiveness of distributed applications, and MICOSec CORBA security implementation. Professionals get a comprehensive study of CORBA security architecture, providing a better understanding of its goals and limitations. It serves as a complete reference for understanding security in distributed systems. The book

generously illustrates the usage of the MICOSec CORBA security services implementation, including important information on the installation and configuration of MICOSec, usage of two different kinds of application-facing interfaces, and the configuration of CORBA security not containing any security-related modifications.

Once more unto the Breach Artech House

As a working tool for professionals, this easy-to-understand resource provides clear, detailed guidance on smart, credit and debit cards, JavCard and OpenCard Framework.

Implementing Electronic Card Payment Systems Artech House

Foreword by Lars Knudsen Practical Intranet Security focuses on the various ways in which an intranet can be violated and gives a thorough review of the technologies that can be used by an organization to secure its intranet. This includes, for example, the new security architecture SESAME, which builds on the Kerberos authentication system, adding to it both public-key technology and a role-based access control service. Other technologies are also included such as a description of how to program with the GSS-API, and modern security technologies such as PGP, S/MIME, SSH, SSL IPSEC and CDSA. The book concludes with a comparison of the technologies. This book is different from other network security books in that its aim is to identify how to secure an organization's intranet. Previously books have concentrated on the Internet, often neglecting issues relating to securing intranets. However the potential risk to business and the ease by which intranets can be violated is often far greater than via the Internet. The aim is that network administrators and managers can get the information that they require to make informed

choices on strategy and solutions for securing their own intranets. The book is an invaluable reference for network managers and network administrators whose responsibility it is to ensure the security of an organization's intranet. The book also

contains background reading on networking, network security and cryptography which makes it an excellent research reference and undergraduate/postgraduate text book.