

Science & Technology Libraries, 2007, vol. 27, no. 3, p.29-51.

ISSN: 0194-262X (print) 1541-1109 (online)

DOI: 10.1300/J122v27n03_03

<http://www.taylorandfrancisgroup.com/>

<http://www.tandf.co.uk/journals/titles/0194262X.asp>

http://www.informaworld.com/10.1300/J122v27n03_03

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Information Security Resources: A Selected Annotated Bibliography

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ABSTRACT. The article contains selected resources in the area of information security and its related topics, covering the majority of resources published within the past five years. Serials, Web sites, monographs, and conference proceedings are described. Serials and conferences are described as a whole, with examples of topics recently addressed. Books and Web sites are described with important features and examples of topics covered are pointed out. While a majority of the resources are mainly written with the

Computers *Computers in Libraries* 25, no. 3: 28-30, <http://www.epnet.com/> (accessed June 26, 2006).

While on similar topics, most of the resources discussed in this article differ from the other recommended guide by this author. This article mentions some sites specific to certain vendors and operating systems (such as Linux, Microsoft, Apple, and Cisco), news resources, and more.

Issues in Science & Technology Librarianship no. 36, <http://www.library.ucsb.edu/istl/> (accessed June 19, 2006).

This article gives an overview of a wide variety of computer security resources on the Web and includes short descriptions of the sites. The resources are divided into categories such as general information, consumer information, biometrics, antivirus, security policies, and more.

In addition to the abovementioned guides, the September 26, 2003 (volume 13, number 33) issue of *CQ Researcher* contains articles on government issues in cybersecurity. The issue has a short bibliography on page 815 that gives a list of books, reports, studies, and articles
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Serials

Serials contain some of the most recent and varied information on initialsJET 1e

Designs, Codes, and Cryptography

ISSN 0925-1022, Springer, Journal (Academic/Scholarly)

Published since 1991, this monthly journal has information on various design, coding, and cryptography topics. Recent article topics include binary fingerprinting codes, Web metering, and binary codes.

EDPACS: The EDP Audit, Control & Security Newsletter

ISSN 0736-6981, Auerbach Publications, Newsletter

Published since 1973, this monthly newsletter focuses on a wide range of computer

perspective.

Information Security

ISSN 1096-8903, TechTarget, Magazine (Trade)

In publication since 1997, this monthly magazine covers various aspects of information security. Recent articles focus on such security aspects as network intrusion prevention, software, patches, viruses, and data protection.

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This monthly magazine, in publication since 1957, focuses on a variety of security topics, including computer technology. Some recent topics in the area of information security include viruses, IT security, and data protection.

Security: The Magazine for Buyers of Security Products, Systems and Service
ISSN 0890-8826, BNP Media, Magazine (Trade)

Published since 1964, this monthly magazine covers various security topics and is not limited to topics regarding computer technology alone. Recent topics of articles include operating systems, database management, mobile devices, and biometrics.

Articles

This section contains information about 10 articles from a variety of serials (not limited to the titles from the previous section). While most of the articles are from the past few years, an example of an article discussing information security from 1948 is included to indicate that the topic has been around since before computers became common.

Information Systems Security 12, no. 6
(2004): 24-32, <http://search.epnet.com/> (accessed March 17, 2006).

This article compares network security with a real-life battlefield (soldiers, defense strategies, etc.). The author uses military analogies to explain different levels of network security, metho
The comparison of network security with military defensive measures is an excellent analogy and gives readers a context they can understand.

Science 107, no. 2791 (1948): 659-665,
<http://www.jstor.org> oss(e)4(re)7(nt l)-3(e)4(v(le)5(di5f773 fh0 0y)20(, metho)ITJ22.73 TmgID 63BDC BTTf3

geometry, signature, and voice. The advantages and disadvantages of these different methods are mentioned in addition to examples of how some of these methods are being used.

-in- *PC World* 24, no. 7 (2006):100-112,
<http://www.epnet.com/> (accessed June 26, 2006).

security is a problem and that management not only needs to take it seriously, but needs to make sure that policies, procedures, and personnel are a part of the security framework.

The New York Times

IEEE Computer Society Information Assurance: <http://ieeieia.org/>

IEEE offers this site on information assurance. Information is available on standards, conference proceedings, and workshops. The site provides links to IEEE groups (IEEE Information Assurance Standards Committee, IEEE Technical Committee on Security and Privacy, and IEEE Task Force on Information Assurance), standards (IEEE, ISO, IFIP), and other useful sites for those interested in information security.

Industry and Sectors Information Security: <http://www.dti.gov.uk/sectors/infosec/index.html>

This site targeting businesses is from the Information Security Policy Team of the United Kingdom Government and Industry. Information about legislation, business advice, publications, and select outside links is available.

Information Assurance Advisory Council: <http://www.iaac.org.uk/>

The Information Assurance Advisory Council brings together people from the corporate, public policy, law enforcement, and research community to address information assurance topics. The site offers tips, news (general, legislation, press releases, articles, conference papers, and interviews), information about meetings and workshops, and general information about the organization. A member intranet area with resources is also available.

Information Assurance Center: <http://www.issl.iastate.edu/>

The Information Assurance Center at Iowa State University is home to over 24 faculty members, a graduate certificate program, and a graduate certificate program. The center also offers other educational and outreach opportunities. The site offers information about projects, labs doing special research, faculty and their research interests, and news about the center.

Information Assurance Technology Analysis Center: <http://iac.dtic.mil/iatac/>

The Information Assurance Technology Analysis Center, from the Department of Defense, is designed to provide a central point for information about information assurance technology. The site includes news, information on products, and links to other sites. Some areas and services are limited to Department of Defense personnel.

Information Security: <http://infosecuritymag.techtarget.com/>

The Web site for Information Security, also available as a print magazine, includes information on Windows security problems, viruses, and other security issues. The site has an

Information Security Forum: http://www.securityforum.org/html/_frameset.htm

Here is the Web site for the Information Security Forum (ISF), an association of over 260 companies and public organizations. The site offers access to free downloads and the ISF Standard (of good information security practice). Members gain access to a variety of tools and publications. Links to a membership list, list of projects, and information congress are available.

Information Society: <http://www.europa.eu.int/scadplus/leg/en/s21012.htm>

This page links to English-language information about European Union rules and regulations, network security, data protection, and other useful information.

Microsoft Security: <http://www.microsoft.com/security/default.msp>

This Microsoft Web site offers links to the most recent Windows Security Updates and security updates for other Microsoft products. The site also has information about recent security incidents.

Security-enhanced Linux is a major topic in this section and is covered by several reports and presentations as well as having its own dedicated page.

The SANS Institute: <http://www.sans.org/>

This Web site for the SANS (SysAdmin, Audit, Network, Security) Institute focuses on information security training and certification. The main page has a list of training opportunities, with several categories that may be offered at various locations worldwide as well as onsite. The site also offers information on webcasts, resources, projects, newsletters, sample policies, and

windows and top 10 UNIX vulnerabilities.

This site has hundreds of links to various topics, organizations (both national and international), news, AIT News Groups, mailing lists, a wide variety of search engines, virus alerts, anti-virus vendors, chat rooms, security alerts, vendor-specific alerts and patches, online tools, and

Renaissance Italy, and *Polygraphia* (published in Germany in 1518), the first book on

information and includes famous incidents. The appendix of the guide contains a valuable list of security resources.

Fugini, Mariagrazia, and Carlo Bellettini. *Information Security Policies and Actions in Modern Integrated Systems*. Hershey, PA: Idea Group Pub., 2004.

Covering recent trends in information security, this book includes digital certificates, smart card applications, privacy on the semantic web, digital rights management, authentication, cryptography, authorization frameworks, and privacy. The issues presented are global and indeed most of the chapters have authors from outside the United States (mainly from Italy and Germany).

Furht, Borivoje, and Darko Kirovski, eds. *Multimedia Security Handbook*. Boca Raton, FL: CRC

covers various topics in multimedia security and focuses on digital rights management issues for video including images, videos, 3-D models, and audio. The book covers watermarking, fingerprinting, authentication, filtering, and digital rights management. The book also focuses on digital rights management issues for video

Security Dictionary: Defining the Terms that Define Security and Wireless Technology. The Kluwer International Series on Security and Cryptography, Volume 767. 1st ed. Boston: Kluwer Academic Publishers,

covers various concepts in information security. Some definitions are several pages and may include tables or diagrams. The terms and their definitions are listed in the table of contents. Appendices include useful resources, including print resources, tools, Web resources, and other terms are found throughout the dictionary.

Security for Data Networks: Analysis of the Superchannel Concept. Chichester, West Sussex;

auditing and testing, and outsourcing. The appendix is a page of recommended resources.

Conference and Workshop Proceedings

Conference proceedings are important works for researchers and practitioners. The

stealth breakpoints, worm detection, and using predators to combat worms and viruses.

Computer Security ESORICS European Symposium on Research in Computer Security

These proceedings are published by Springer as part of the Lecture Notes in Computer