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October 2006

BIBLIOGRAPHY

[ACC 02] American Chemistry Council. *Implementation Guide for Responsible Care® Security Code of Management Practices: Site Security and Verification*, 2002.

[ACC 06] American Chemistry Council's Chemical Information Technology Council. "Guidance for Addressing Cyber Security in the Chemical Industry, Version 3.0." ACC ChemITC,

May 2006.

[Alberts 03] Alberts, Christopher; Dorofee, Audrey; Stevens, James; & Woody, Carol.

"Introduction to the OCTAVE® Approach." Pittsburgh, PA: Software Engineering Insti-

tute, Carnegie Mellon University, 2003.

[Alberts 04] Alberts, Christopher; Dorofee, Audrey; Killcrece, Georgia; Ruefle, Robin; & Zajicek,

Mark. Defining Incident Management Processes for CSIRTs: A Work in Progress (CMU/SEI-2004-TR-015). Pittsburgh, PA: Software Engineering Institute, Carnegie

Mellon University, 2004.

[Alberts 05] Alberts, Christopher & Dorofee, Audrey. Mission Assurance Analysis Protocol

(MAAP): Assessing Risk in Complex Environments (CMU/SEI-2005-TN-032). Pittsburgh, PA: Software Engineering Institute, Carnegie Mellon University, 2005.

[Allen 01] Allen, Julia. The CERT Guide to System and Network Security Practices. Boston, MA:

Addison Wesley, 2001.

[Allen 03] Allen, Julia; Gabbard, Derek' & May, Christopher. *Outsourcing Managed Security*

Services (CMU/SEI-SIM-012). Pittsburgh, PA: Software Engineering Institute, Carne-

gie Mellon University, 2003.

[Allen 05] Allen, J. Governing for Enterprise Security (CMU/SEI-2005-TN-023). Pittsburgh, PA:

Software Engineering Institute, Carnegie Mellon University, 2005.

[Bowen 06] Bowen, Pauline; Hash, Joan; Wilson, Mark. Information Security Handbook: A Guide

for Managers. (NIST Special Publication 800-100). Gaithersburg, MD: National Insti-

tute of Standards and Technology, October 2006.

[BSI 06] British Standards Institute. *Information security management systems – Part 3:*

Guidelines for information security risk management. BS 7799-3:2006. BSI, March

17, 2006.

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www.sei.cmu.edu

[Campbell 05]	Campbell, Philip. "A COBIT Primer." Sandia Report SAND2005-3455. Sandia National Laboratories, June 2005.
[Caralli 07]	Caralli, Richard; Stevens, James; Young, Lisa; Wilson, William. <i>Introducing OCTAVE Allegro: Improving the Information Security Risk Assessment Process</i> . CMU/SEI-2007-TR-012. Carnegie Mellon University, Software Engineering Institute, May 2007.
[CERT 05]	CERT. Survivability and Information Assurance Curriculum. Software Engineering Institute, Carnegie Mellon University, 2005. Most of the material in this article description is taken from the curriculum overview.
[CERT 08]	CERT. "Making Information Security Policy Happen." CERT's Podcast Series: Security for Business Leaders, June 2008.
[CERT 08a]	"Insider Threat Research," Pittsburgh, PA: CERT, Software Engineering Institute, Carnegie Mellon University, 2008.
[Chew 08]	Chew, Elizabeth; Swanson, Marianne; Stine, Kevin; Bartol, Nadya; Brown, Anthony; & Robinson, Will. <i>Performance Measurement Guide for Information Security</i> . NIST Special Publication 800-55, Revision 1. Gaithersburg, MD: National Institute of Standards and Technology, July 2008.
[CGTF 04]	Corporate Governance Task Force. "Information Security Governance: A Call to Action." National Cyber Security Partnership, April 2004.
[CIS 08]	"The Center for Internet Security." 2008.
[CISWG 04]	Corporate Information Security Working Group. Adam H. Putnam, Chairman; Sub-committee on Technology, Information Policy, Intergovernmental Relations & the Census Government Reform Committee, U.S. House of Representatives. "Report of the Best Practices and Metrics Teams." November 17, 2004; updated January 10, 2005.
[COBIT 08]	Wikipedia. "COBIT." 2008.
[Conner 06]	Conner, Bill. "On compliance: Get a step-by-step plan for meeting PCI standards." <i>SC Magazine</i> , August 7, 2006.
[CSCSP 06]	Chemical Sector Cyber Security Program. "Guidance for Addressing Cyber Security in the Chemical Industry, Version 3.0." American Chemistry Council, Chemical Information Technology Council, May 2006.
[CVE 08]	National Cyber Security Division of the U.S. Department of Homeland Security. Common Vulnerabilities and Exposures," 2008.
[DiD 08]	Wikipedia. "Defense in Depth." 2008.

[FFIEC 06]	Federal Financial Institutions Examination Council. <i>IT Examination Handbook: Information Security</i> . July 2006.
[GAO 99]	U.S. Government Accounting Office. <i>Information Security Risk Assessment: Practices of Leading Organizations</i> (GAO/AIMD-00-33). November 1999.
[Goertzel 08]	Goertzel, Karen Mercedes; Winograd, Theodore. <i>Enhancing the Development Life Cycle to Produce Secure Software, Version 2.</i> U.S. Department of Homeland Security, October 2008.
[Guel 01]	Guel, Michele D. "A Short Primer for Developing Security Policies." <i>The SANS Policy Primer</i> . The SANS Institute, 2001.
[Hazlewood 06]	Hazlewood, Victor. <i>Defense-In-Depth: An Information Assurance Strategy for the Enterprise</i> . La Jolla, CA: San Diego Supercomputer Center Security Technologies, 2006.
[IIA 05]	The Institute of Internal Auditors. <i>Global Technology Audit Guides: Change and Patch Management Controls: Critical for Organizational Success.</i> July 2005.
[IsecT 06]	IsecT Ltd. Other security standards (2006).
[ISF 07]	Information Security Forum. <i>The Standard of Good Practice for Information Security</i> , 2007.
[ISO 97]	International Organization for Standardization. <i>Information technology – Guidelines for the management of IT Security – Part 2: Managing and planning IT Security.</i> ISO/IEC TR 13335-2:1997(E), December 15, 1997.
[ISO 04]	International Standards Organization. <i>Information Technology – Systems Security Engineering – Capability Maturity Model* (SSE-CMM*)</i> . ISO/IEC 21827:2002. Also available through The International Systems Security Engineering Association (ISSEA).
[ISO 05a]	International Organization for Standardization. <i>Information technology – Security techniques – Code of practice for information security management.</i> ISO/IEC 27002:2005, June 2005. Also known as ISO/IEC 17799:2005.
[ISO 05b]	International Organization for Standardization. <i>Information technology – Security techniques – Information security management systems – Requirements.</i> ISO/IEC 27001:2005(E), First edition, October 15, 2005.
[ISO 05c]	International Organization for Standardization. <i>Information technology – Service management</i> (ISO/IEC 20000-1:2005(E)), First edition, December 15, 2005. <i>Part 2: Code of practice</i> (ISO/IEC 20000-2:2005(E)), December 15, 2005.

[ISO 08]	International Organization for Standardization. <i>Information technology – Security techniques –Information security risk management.</i> ISO/IEC 27005, First edition, June 15, 2008. Cancels and replaces ISO/IEC TR 13335-3:1998 and ISO/IEC TR 13335-4:2000.
[ITGI 07a]	Information Technology Governance Institute. <i>COBIT 4.1 Control Objectives for Information and related Technology.</i> ITGI, 2007. http://www.itgi.org and http://www.isaca.org.
[ITGI 07b]	Information Technology Governance Institute. <i>COBIT Security Baseline: An Information Security Survival Kit, 2nd ed.</i> http://www.itgi.org/ (2007).
[ITGI 08]	IT Governance Institute & Office of Government Commerce. "Aligning COBIT", ITIL", and ISO 17799 for Business Benefit: A Management Briefing from ITGI and OGC." ITGI & OGC, 2008.
[ITIL 99]	IT Infrastructure Library. Security Management. Norwich, Norfolk, England: Office of Government Commerce, 1999.
[ITIL 00]	IT Infrastructure Library. Service Support. Norwich, Norfolk, England: Office of Government Commerce, 2000.
[ITIL 01]	IT Infrastructure Library. Service Delivery. Norwich, Norfolk, England: Office of Government Commerce, 2001.
[ITIL 08]	Wikipedia. "Information Technology Infrastructure Library." 2008.
[ITPI 04]	Behr, Kevin; Kim, Gene; & Spafford, George. <i>Visible Ops Handbook: Starting ITIL in Four Practical Steps.</i> IT Process Institute, 2004. Introductory and ordering information is available at http://www.itpi.org.
[ITPI 08]	Kim, Gene; Love, Paul; & Spafford, George. <i>Visible Ops Security: Achieving Common Security and IT Operations Objectives in 4 Practical Steps.</i> IT Process Institute, 2008. Introductory and ordering information is available at http://www.itpi.org.
[itSMF 07]	The IT Service Management Forum. "An Introductory Overview of ITIL® V3." itSMF Ltd., 2007.
[Kim 04]	Kim, Gene & Allen, Julia. "High-Performing IT Organizations: What You Need to Change to Become One." <i>BetterManagement.com</i> , April 30, 2004.
[Kim 06]	Kim, Gene, et al. IT Controls Performance Study: Identification of foundational controls that have the greatest impact on IT operations, security, and audit performance measures. IT Process Institute, 2006. Ordering information is available at http://www.itpi.org/home/performance_study.php.

[Kissel 08]	Kissel, Richard; Stine, Kevin; Scholl, Matthew; Rossman, Hart; Fahlsing, Jim; & Gulick, Jessica. Security Considerations in the Information System Development Life Cycle. (NIST Special Publication 800-64, Revision 2). National Institute of Standards and Technology, March 2008.
[Jones 05]	Jones, Jack. "An Introduction to Factor Analysis of Information Risk (FAIR): A framework for understanding, analyzing, and measuring information risk." Jack A. Jones, 2005.
[Lindner 06]	Lindner, Martin; Losi, Stephanie; & Allen, Julia. "Proactive Remedies for Rising Threats." CERT Podcast Series: Security for Business Leaders. August 2006.
[May 06]	May, Christopher J.; Hammerstein, Josh; Mattson, Jeff; & Rush, Kristopher. <i>Defense-in-Depth: Foundations for Secure and Resilient Enterprises</i> (CMU/SEI-2006-HB-003). Pittsburgh, PA: Software Engineering Institute, Carnegie Mellon University, 2006.
[McGraw 06]	McGraw, Gary. Software Security: Building Security In. Boston, MA: Addison-Wesley, 2006. For Article 2, refer to Chapter 2, "A Risk Management Framework." For Articles 3 and 4, refer to Chapter 9, "Software Security Meets Security Operations."
[NIAC 05]	National Infrastructure Advisory Council. "Risk Management Approaches to Protection; Final Report and Recommendations by the Council." NIAC, October 11, 2005.
[NIST 04]	National Institute of Standards and Technology. <i>Standards for Security Categorization of Federal Information and Information Systems</i> (FIPS PUB 199). Federal Information Processing Standards Publication, NIST, February 2004.
[NIST 06]	National Institute of Standards and Technology. <i>Minimum Security Requirements for Federal Information and Information Systems</i> (FIPS PUB 200). Federal Information Processing Standards Publication, NIST, March 2006.
[NSA]	National Security Agency. "Defense in Depth: A Practical Strategy for Achieving Information Assurance in Today's Highly Networked Environments."
[NSA 06]	National Security Agency. "The 60 Minute Network Security Guide (First Steps Towards a Secure Network Environment), Version 2.1." National Security Agency, May 15, 2006.
[OGC 07]	Office of Government Commerce. ITIL®1 (Information Technology Infrastructure Library) Lifecycle Publication Suite, Version 3. Office of Government Commerce, Stationery Office, July 30, 2007. Refer to http://www.itsmfi.org.

ITIL is a registered trademark of OGC.

[PCI 08]	Payment Card Industry (PCI) Data Security Standard, Version 1.2, PCI Security Standards Council, October 2008.
[Ravenel 06]	Ravenel, J. Patrick. "Effective Operational Security Metrics." <i>Information Systems Security 15</i> , 3 (July/August 2006).
[Rogers 02]	Rogers, Lawrence R. & Allen, Julia. "Securing Information Assets - Security Knowledge in Practice." <i>Crosstalk: The Journal of Defense Software Engineering</i> , November 2002.
[Rogers 04]	Rogers, Lawrence R. "Principles of Survivability and Information Assurance." Software Engineering Institute, Carnegie Mellon University, 2004.
[Ross 06]	Ross, Ron. "Managing Enterprise Risks in Today's World of Sophisticated Threats: A Framework for Developing Broad-Based, Cost-Effective Information Security Programs." National Institute of Standards and Technology, November 2006.
[Ross 07a]	Ross, Ron. "Managing Enterprise Security Risk with NIST Standards." <i>Computer</i> magazine, IEEE Computer Society, August 2007.
[Ross 07b]	Ross, Ron; Katzke, Stu; Johnson, Arnold; Swanson, Marianne; Stoneburner, Gary; Rogers, George; & Lee, Annabelle. <i>Recommended Security Controls for Federal Information Systems</i> (NIST Special Publication 800-53, Revision 2). National Institute of Standards and Technology, December 2007.
[Scott 01]	Scott, Donna. "Network and System Management: Often the Weakest Link in Business Availability." Gartner, July 3, 2001.
[Stern 01]	Stern, Andrea. "Reinvesting the IT Dollar: From IT Firefighting to Quality Strategic Services." EDUCAUSE Quarterly, Number 3, 2001.
[Stevens 93]	Stevens, W. Richard. <i>TCP/IP Illustrated, Volume 1: The Protocols</i> . Boston, MA: Addison-Wesley, 1993.
[Stoneburner 02]	Stoneburner, Gary; Goguen, Alice; & Feringa, Alexis. <i>Risk Management Guide for Information Technology Systems</i> (NIST Special Publication 800-30). National Institute of Standards and Technology, July 2002.
[Stoneburner 04]	Stoneburner, Gary; Hayden, Clark; & Feringa, Alexis. <i>Engineering Principles for Information Technology Security (A Baseline for Achieving Security), Revision A</i> (NIST Special Publication 800-27, Revision A). National Institute of Standards and Technology, June 2004.
[Swanson 06]	Swanson, Marianne; Hash, Joan; & Bowen, Pauline. <i>Guide for Developing Security Plans for Federal Information Systems</i> (NIST Special Publication 800-18, Revision 1). National Institute of Standards and Technology, February 2006.

[Visa 07]	Visa U.S.A. Inc. "Visa U.S.A Cardholder Information Security Program Payment Application Best Practices, Version 1.4." January 2007.
[Wikipedia- PCI 08]	Wikipedia. "Payment Card Industry." 2008.
[Womack 91]	Womack, James P.; Jones, Daniel T.; & Roos, Daniel. <i>The Machine That Changed the World: The Story of Lean Production</i> . New York, NY: Harper Perennial, 1991.
[Worthen 05]	Worthen, Ben. "ITIL Power." CIO Magazine, September 1, 2005.

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This material is based upon work funded and supported by Department of Homeland Security under Contract No. FA8721-05-C-0003 with Carnegie Mellon University for the operation of the Software Engineering Institute, a federally funded research and development center sponsored by the United States Department of Defense.

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DM-0001120