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Literatuuropgave

Geraadpleegde en aangehaalde literatuur

- [ADKR04] Alberts C. et al., *Defining Incident Management Processes for CSIRTs : A Work in Progress*, Carnegie Mellon Software Engineering Institute, Pittsburgh U.S.A., 2004
- [ALLE02] Allen C., Anderson C. et al, *The National Strategy for Critical Infrastructure Assurance*, White paper from the U.S.A. Banking and Finance Sector, Mei 2002
- [AMOR99] Amoroso E., *Intrusion Detection: an Introduction to Internet Surveillance, Correlaton, Traps, Trace Back, and Response*, Intrusion.Net Books, U.S.A., 1999
- [AMSR02] P. van Amersfoort, L. Smit, M. Rietvelt, *Criminaliteit in de Virtuele Ruimte*, publicatie in de reeks Politiekunde van het Programma Politie en Wetenschap, Kerckebosch, Amsterdam, mei 2002
- [ANAS03] Anastasi J, *The new forensics*, Wiley Publishing, New Jersey U.S.A., 2003
- [ARKI02] Arkin O., *Tracing Hackers: Part 1*, Computer Fraud & Security, April 2002
- [ARTE05] Arora A., Telang R., *Economics of Software Vulnerability Disclosure*, IEEE Security & Privacy, januari/februari 2005
- [ARVI02] Arvidsson J., *Taxonomy of the Computer Security Incident Related Terminology*, TERENA Incident Taxonomy and Description Working Group, <http://www.terena.nl>, juni 2002
- [AURG01] Rijksuniversiteit Groningen, *Acceptable Use Policy (Engelse vertaling van 'Gebruiksregels Universitaire Computersystemen')*, Groningen, juni 2001
- [BAHA01] Barnhoorn W., Hafkamp W. et al, *Outsourcing, Contractuele (beveiligings)aspecten in een klant-leverancierrelatie*, Praktijkreeks Informatiebeveiliging, Ten Hagen en Stam, Den Haag, 2001
- [BAFS02] U.S.A. Banking and Finance Sector, *The National Strategy for Critical Infrastructure Assurance version 1.0*, Mei 2002
- [BAPO04] Backer Y., Pols van der R., *Application Services Library – A Management Guide*, Van Haren Publishing, 2004
- [BART01] Bartlett J. et al., *Best Practice for Service Delivery*, The Stationary Office, Norwich, 2001
- [BASE00] Base R., *Intrusion Detection*, MacMillan Technical Publishing, Indianapolis U.S.A., 2000

-
- [BERG04] Bergonje M., *Managed Security Services – de stand van zaken*, GVIB, Infomatiebeveiliging nummer 5, September 2004
- [BERK00] Berkhout M. et al., *Best Practice for Service Support*, The Stationary Office, Norwich, 2000
- [BEUL04] Beulen E., *De rol van IT-auditors in IT-uitbestedingsrelaties*, De EDP-Auditor, Reed Business Information, nummer 3, 2004
- [BICV01] Biermann E., Cloete E., Venter L., *A comparison of intrusion detection systems*, Computers & Security, Volume 20, No. 8., Elsevier Science Ltd, 2001
- [BIS03] Risk Management Group of the Basel Committee on Banking Supervision, *Sound practises for the Management and Supervision of Operational Risk*, <http://www.bis.org>, februari 2003
- [BREM98] Bremer M. van den, *Beveiliging en ITIL*, IT Beheer magazine, SDU uitgevers, februari 1998
- [BS1502] British Standard 15000-1:2002, *ICT Service Management part one*, British Standards Institute, 27 september 2002
- [CAOP99] Cazemier J., Overbeek P. & Peters L., *Security Management IT Infrastructure Library - CCTA*, The Stationary Office, London, 1999
- [CERT02] CERT[®]/CC, *Overview of Attack Trends*, <http://www.cert.org>, 2002
- [CHBR03] Cheswick W., Bellovin S., Rubin A., *Firewalls and Internet Security Second Edition: Repelling the Willy Hacker*, Pearson Education Boston U.S.A., 2003
- [CMUS00] Allen J. et al., *State of the Practise of Intrusion Detection Technologies*, Technical Report, Carnegie Mellon University / Software Engineering Institute, Pittsburgh U.S.A., 2000
- [COLF04] Colasanti F., *eEurope and Security, a Policy view*, presentatie tijdens E-Security Congres door Michael Niebel van EC-DG IS, Amsterdam, 27 oktober 2004
- [COSO04] Committee of Sponsoring Organizations of the Treadway Commission, *Risicomanagement van de onderneming - Geïntegreerd raamwerk*, <http://www.aicpa.org>, september 2004
- [CSI06] Computer Security Institute, *2006 CSI/FBI computer crime and security survey*, <http://www.gocsi.com>, 2006
- [DENN87] Denning D., *An Intrusion-Detection Model*, IEEE Transactions on Software Engineering, Vol. SE-13, No. 2, februari 1987

- [DESL02] Debets R., Sleper A., *Incident Response en digitale recherche*, Scriptie Masters studie Informatiebeveiliging EUFORCE, september 2002
- [DIJK03] Dijk B. van, *IT-inbraken uit de taboesfeer*, ICT en Veiligheid, Het Financieele Dagblad, 16 juni 2003
- [FELL04] Felling J., *Keeping your business safe from attack: Patch Management*, Windows ITPro eBooks, Microsoft, 2004
- [FIPS80] U.S. National Bureau of Standards, *Guidelines for Security of Computer Applications*, Federal Information Processing Standards, <http://www.nist.gov>, juni 1980
- [FRLV05] Fijneman R., Roos Lindgreen E., Veltman P., *Grondslagen IT-auditing*, SDU Uitgevers, Den Haag, 2005
- [FRLH06] Fijneman R., Roos Lindgreen E., Hang Ho K., *IT-auditing en de praktijk*, SDU Uitgevers, Den Haag, 2006
- [GEES03] Geest E. van, *Van herkenning tot aangifte*, GovCERT.NL / KLPD, <http://www.govcert.nl>, juli 2003
- [GOGH00] Gogh van I. et al., *Beveiliging en Service Level Agreements*, Praktijkreeks Informatiebeveiliging, Ten Hagen en Stam, De Haag, 2001
- [GORD06] Gordon L.A. et al., *2006 CSI/FBI Computer Crime and Security Survey*, <http://www.gocsi.com>, december 2006
- [GOVC07] Computer emergency response team Nederlandse overheid, *Jaaroverzicht 2006*, <http://www.govcert.nl>, juli 2007
- [GULD01] Guldentops E., *Governing Information Technology through COBIT*, IFIP TC11/WG11.5 4th working conference on integrity and internal control in information systems, Brussel, Kluwer Academic Publishers, 2001
- [HAFK02] Hafkamp W., *De 'Mission Impossible' van CERT's*, Informatiebeveiliging no. 6, GvIB, september 2002
- [HAFK04] Hafkamp W., *Phishing, misleiding met een vleugje techniek*, Fraudeflits Nederlands Instituut voor Bank- en Effectenbedrijf, december 2004
- [HAFK06] Hafkamp W., *IT Security Vulnerability and Incident Response Management*, ISSE 2006 – Securing Electronic Business Processes, Conference Proceedings p.387-395, Vieweg, oktober 2006
- [HAKA03] Hafkamp W., Karsten P., *Haalbaarheidsonderzoek Interbancair Computer Security Information Sharing and Analysis Center*, studie in opdracht van de Adviescommissie Betalingsverkeer van de Nederlandse Vereniging van Banken, mei 2003

-
- [HAPE01] Hafkamp W., Peer L. van, *ICT outsourcing & informatiebeveiliging, een contradictie?!*, Informatiebeveiliging, no.3, GvIB, augustus 2001
- [HAHU05] Hansman S., Hunt R., *A taxonomy of network and computer attacks*, Computers & Security, januari 2005
- [HEIS04] Heiser J., *Five sources of security intelligence to keep you informed*, Gartner Research Note, <http://www.gartner.com/security>, 16 november 2004
- [HILL01] Hillenius G., *Beperkte veiligheidslekken*, Computable, 16 november 2001
- [HOL07] House of Lords – Science and Technology committee, *Personal Internet Security*, 5th report of session 2006-07, The Stationary Office U.K., 10 augustus 2007
- [HOWA97] Howard J., *An Analysis Of Security Incidents On The Internet 1989 – 1995*, beschikbaar op het World Wide Web via www.cert.org, april 1997
- [HUGH01] McHugh J., *Intrusion and intrusion detection*, Carnegie Mellon University / Software Engineering Institute, 2001
- [ISO04] ISO/IEC JTC 1/SC27, *IT Security Techniques – Information security incident management*, Technical Report TR 18044, ISO/IEC, 2004
- [ISS00] Internet Security Systems, *How to select a Managed Security Service Provider*, <http://www.iss.org>, 22 maart 2005
- [ITGI06] IT Governance Institute, *Information Security Governance: Guidance for Boards of Directors – 2nd edition*, <http://www.itgi.org>, 2006
- [ITGI07] IT Governance Institute, *COBIT mapping: mapping of ITIL with COBIT 4.0*, <http://www.itgi.org>, 2007
- [ITSM02] ITSMF Nederland, *ICT Service Management, een introductie*, Van Haren publishing, V3.0, januari 2002
- [ITSM04] Bon J. van, Kemmerling G., Pondman D., *IT Service Management, een introductie*, versie 4.0, Van Haren Publishing, 2004
- [JONG02] Jongeneel C., *Digitale infrastructuur niet beschermd tegen calamiteiten*, Technisch Weekblad, 20 september 2002
- [KILL03] Killcrece G. et al., *Organizational models for Computer Security Incident Teams*, Carnegie Mellon Software Engineering Institute, Pittsburgh U.S.A., 2003
- [KLDP03] KLDP Bureau Communicatie, *Jaaroverzicht 2002*, Driebergen, oktober 2003

-
- [KEIJ06] Keijzer A., *Vulnerability Management – een integrale aanpak*, Informatiebeveiliging no 5, GvIB, augustus 2006
- [KOEK02] Koek M., *Omgevingsverkenning CERT-RO*, interne nota van het ICT Uitvoeringsorgaan Rijksoverheid in verband met de CERT van de Rijksoverheid in oprichting, februari 2002
- [KORS02] Korsten L., *Samenwerking tussen CSIRT's, een inventarisatie van vormen*, Verdonck, Klooster & Associaties, november 2002
- [KOSS00] Kossakowski K., *Information Technology Incident Response Capabilities*, Libri Books, 2000
- [KOAC99] Kossakowski K. et al., *Responding to Intrusions*, Carnegie Mellon Software Engineering Institute, Pittsburgh U.S.A., februari 1999
- [KRVI01] Krutz R., Vines R., *The CISSP Prep Guide*, John Wiley & Sons, New York, 2001
- [LEST00] Lee W., Stolfo S., *A framework for Constructing Features and Models for Intrusion Detection Systems*, ACM Transactions on Information and Systems Security, vol. 3. no. 4, november 2000
- [MAGE02] Macella A., Greenfield R., *Cyber forensics, a field manual for collecting, examining and preserving evidence of computer crimes*, Auerbach / CRC U.S.A, 2002.
- [MAPR01] Mandia K., Prorise C., *Incident Response, investigating computer crime*, McGraw-Hill, U.S.A. 2001
- [MCGI93] Mc Gillen T., *CERT Incident Communications*, Forum of Incident Response and Security Teams, St. Louis Michigan, augustus 1993
- [MEGR02] Mell P., Grance T., *Use of the Common Vulnerabilities and Exposures (CVE) Naming Scheme*, U.S.A. National Institute of Standards and Technology, Special Publication 800-51, 2002
- [MICH96] Michiels E., *Information Technology & Telecommunication Standards*, Collegedictaat Universiteit Twente, 1996
- [MITN02] Mitnick K., *The Art of Deception*, Wiley Publishing, Indianapolis, 2002
- [MOWE02] A. Mooij, Werf van der J., *Cybercrime*, uitgave van het Korps Landelijke Politiediensten Dienst Nationale Recherche Informatie, juli 2002
- [NCSC87] National Computer Security Center, *A Guide to Understanding Audit in Trusted Systems*, U.S.A., NCSC-TG-001, juli 1987

- [NEN00] Nederlands Normalisatie-instituut, *Code voor Informatiebeveiliging: 2000, deel 1*, Nederlands Normalisatie-instituut, Delft, 2000
- [NEN05] ISO/IEC, *17799:2005, Information technology - Security techniques - Code of practice for information security management*, NEN, 2005
- [NICO03] Nicolett M., *Vulnerability Management Defined*, Gartner Research Note at www.gartner.com, september 2003
- [NICO04] Nicolett M., *A Vulnerability Management Success Story*, Gartner Research Note at www.gartner.com, juni 2004
- [MEBH05] Mell P., Bergeron T., Henning D., *Creating a Patch and Vulnerability Management Program*, U.S.A. National Institute of Standards and Technology, Special Publication 800-40 version 2.0, 2005
- [NEYS03] Neys C., *IT'ers, regels en security awareness*, afstudeerthesis Masteropleiding Security in Information Technology, Technische Universiteit Eindhoven, 2003
- [OPF01] CERT-KUN, *Operational Framework versie 1.0*, Katholieke Universiteit Nijmegen, <http://www.ru.nl>, 2001
- [OGC01] OGC – the Office of Government Commerce, *A Guide to Business Continuity Management*, The Stationary Office, Norwich, 2001
- [OIS04] Organization for Internet Safety, *Guidelines for Security Vulnerability Reporting and Response version 2.0*, <http://www.oisafety.org>, 1 september 2004
- [OUUN03] Oulu University Secure Programming Group, *Communication in the Software Vulnerability Reporting Process*, <http://www.ee.oulu.fi/research/ouspg>, 2003
- [OVER00] Overbeek P., *Beveiliging en Beheer met ITIL Security Management*, Informatiebeveiliging Jaarboek 2000/2001, Ten Hagen & Stam, Den Haag, 2000
- [OVR505] Overbeek P., Roos Lindgreen E., Spruit M., *Informatiebeveiliging onder controle, tweede editie*, Pearson Education, Amsterdam, 2005
- [OWAS07] Stock A. et al., *OWASP Top Ten*, <http://www.owasp.org>, 2007
- [PESC03] Pescatore, J., *Require Vulnerability Testing During Software Development*, <http://www.gartner.com>, september 2003
- [POAG04] Power D., Agenant J., *Patchen? Bezint eer ge begint !*, Computable, 3 december 2004
- [POLS01] Pols van der R., *ASL – een framework voor applicatiebeheer*, Ten Hagen en Stam, Dan Haag, 2001

-
- [RESC05] Rescorla E., *Is finding security holes a good idea?*, IEEE Security & Privacy, januari/februari 2005
- [RIPP04] Rippen R., *Beveiliging als cultuuromslag*, Computable, 26 november 2004
- [ROB01] De Nederlandsche Bank, *Regeling Organisatie en Beheersing*, Amsterdam, 29 maart 2001
- [RORI04] Rorive K., *ITIL is een zegen voor Patch Management*, Informatiebeveiliging Jaarboek 2004/2005, Ten Hagen & Stam, Den Haag, 2004
- [SAJE00] Sammes T., Jenkinson B., *Forensic Computing, a Practitioner's Guide*, Springer-Verlag, London, 2000
- [SCHA92] Schaaf T., *Near misses reporting in the chemical process industry*, PhD thesis, Technische Universiteit Eindhoven, 1992
- [SCHE00] Schneier B., *Secrets and Lies*, New York, Wiley, 2000
- [SCHE01] Schneier B., *Managed Security Monitoring: Network Security for the 21st Century*, Computers & Security Vol. 20, No.6, 2001
- [SCHI05] Schiltmans T., *To CSIRT or not to CSIRT*, Informatiebeveiliging no.2 , April 2005
- [SING03] Singer A., *Life without Firewalls*, The Usenix magazine, Volume 28, Number 6, december 2003
- [SIST03] Symantec Internet Security Threat Report, Vulnerability Trends, <http://www.symantec.com>, september 2003
- [SOLM00] Solms B. von, *Information Security – The Third Wave?*, Computers & Security, Volume 19, No. 7., Elsevier Science Ltd, 2000
- [SPRU00] Spruit M.E.M., *ITIL Security management: een kritische beschouwing*, Compact 2000/4, Ten Hagen & Stam, Groningen
- [STOL89] Stoll C., *The Cuckoo's Egg: Tracking a Spy Through the Maze of Computer Espionage*. New York, Doubleday, 1989
- [STTN01] Stratix Consulting Group/TNO-FEL, *Samen werken voor veilig Internet verkeer*, Eindrapportage van het onderzoeksproject 'kwetsbaarheid van Internet' in opdracht van het Ministerie van Verkeer & Waterstaat, januari 2001
- [TANN03] Tanenbaum A., *Computernetwerken*, vierde editie, Pearson Education Benelux, 2003

-
- [VEEL04] Venter H., Eloff J., *Vulnerability forecasting – a conceptual model*, Computers & Security, 2004-23
- [VIR94] Nederlandse Ministerraad, *Besluit voorschrift informatiebeveiliging rijksdienst 1994*, Den Haag, 22 juli 1994
- [VLE03] Vleugel G., *Cybercrime Survey Model*, onderzoek naar de aard en omvang van cybercrime in Nederland door de Groep Digitale Recherche, KLPD/DRO, december 2003
- VUUR98] Vuuren van W., *Organisational failure, an explanatory study in the steel industry and the medical domain*, PhD thesis, Technische Universiteit Eindhoven, 1998
- [WACP02] Wack J., Cutler K., Pole J., *Guidelines on Firewalls and Firewall Policy*, U.S.A. National Institute of Standards and Technology, Special Publication 800-41, 2002
- [WANR03] Wang R., *Methods and tools for vulnerability prevention detections and containment*, Master of Science scriptie Universiteit Twente, augustus 2003
- [WESK98] West-Brown M., Stikvoort D., Kossakowski K., *Handbook for Computer Security Incident Response Teams (CSIRTs)*, Carnegie Mellon Software Engineering Institute, Pittsburgh U.S.A., december 1998
- [WESK03] West-Brown M. et al, *Handbook for Computer Security Incident Response Teams, Second Edition*, Carnegie Mellon Software Engineering Institute, Pittsburgh U.S.A., 2003
- [WERF03] Werf J. van der, *Cybercrime deel 2*, tweede rechercherapport over cybercrime van de Dienst Recherche Onderzoeken van het Korps Landelijke Politiediensten, Zoetemeer, oktober 2003
- [WOLF03] Wolfe H., *Computer Forensics*, Computers & Security, Elsevier Science Ltd., 2003