

A Bibliography of Books about the Internet and Networking: 2010–2019

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <https://www.math.utah.edu/~beebe/>

08 August 2024
Version 1.20

Title word cross-reference

Accurate [LNNNC16]. **agenda** [LM15].
algorithmic [LPS11]. **analysis** [MST⁺19].
application [Mar18]. **Applied** [Boy10].
approach [KR10]. **assessments** [Wat14].
attacks [PKB10]. **auditing** [Jac10].

band [Eva18]. **basics** [EB11, Eng13].
battles [Sch15]. **before** [Gre18]. **benefits** [Til12]. **big** [LSBN14]. **Broad** [Eva18].
broadband [LM15]. **bug** [Mar18]. **Built** [Car13].

center [Blu12]. **certified** [DeF10]. **channels** [MST⁺19]. **CISO** [Til12]. **Cleaning** [IC19].
cloud [Gre18]. **collect** [Sch15]. **Computer**

[Bas13, JI12, KR10, Mil11]. **computing** [Gre18]. **control** [Sch15].
Countermeasures [FG10]. **creating** [Wil10]. **Cyber** [CK10]. **cybercrime** [Kre14]. **Cyberwar** [Gre19].

Dangerous [Gre19]. **Data** [IC19, Sch15, LSBN14]. **deadliest** [PKB10].
Decade [SMZ⁺10]. **defense** [Wat14].
devices [PR15]. **Digital** [SMZ⁺10, JI12, LM15]. **discover** [Mar18].
do [CK10]. **door** [Kre14]. **down** [KR10].
Dynamics [LM15].

easy [EB11, Eng13]. **engagement** [LSBN14]. **engineering** [Wat14]. **epidemic** [Kre14]. **Era** [Gre19]. **Essays** [SMZ⁺10].
Ethical

[Bal14, DeF10, EB11, Eng13, Mar18].
Europe [LM15]. **European** [Mar12].
executing [Wat14]. **execution** [MST⁺19].
exposed [BSRS13].

Facets [FG10]. **Financial** [LNNNC16].
flaws [Mar18]. **formal** [Wil10].
foundations [LPS11]. **Fragility** [Tuf17].
framework [Til12]. **frameworks** [LSBN14].
front [Kre14]. **Future** [SMZ⁺10].

Gas [Tuf17]. **Geeks** [Car13]. **global** [Kre14].
Goliath [Sch15]. **good** [LSBN14]. **guide**
[Bal14, Boy10, DeF10, Mar18, Til12].

hacker [DeF10]. **Hackers** [Gre19, Mar18].
Hacking [BSRS13, BB14, PR15, Bal14,
EB11, Eng13, Wei14, Wil10, WA11]. **Hands**
[Mar18, Boy10, Wei14]. **Hands-on**
[Mar18, Boy10, Wei14]. **Happen** [DB10].
help [Mar18]. **here** [MST⁺19]. **hidden**
[Mar12, Sch15]. **History** [DB10].
Homeland [FG10]. **Hunt** [Gre19]. **hunting**
[Mar18].

information [Boy10, Mjö12, Vac10].
International [DB10]. **Internet**
[SMZ⁺10, Blu12, Car13, Eva18, LPS11].
introduction [Mjö12, Wei14]. **Issue** [FG10].

journey [Blu12].

Kali [BB14]. **Kremlin** [Gre19].

lab [Wil10]. **literacy** [JI12]. **low** [PR15].

Made [DB10, EB11, Eng13, Eva18].
manage [Til12]. **Managing** [Vac10].
Markets [LNNNC16, LM15].
Mathematical [LPS11]. **maximize** [Til12].
mobile [BSRS13]. **Most** [Gre19].
multidisciplinary [Mjö12].

nation [Kre14]. **national** [CK10]. **Network**

[Car13, Jac10, Mil11, PKB10, Mil11].
Networked [Tuf17]. **Networking**
[DB10, Mar12, KR10]. **Next**
[SMZ⁺10, CK10]. **Ninja** [WA11].

Official [DeF10]. **operating** [Wil10].
organized [Kre14]. **origins** [Gre18].

pen [Wat14]. **Penetration**
[Ano11, Wei14, Bal14, Bas13, BB14, EB11,
Eng13, Mar18, NHS13, PR15, Til12, Wat14,
Wil10, WA11, Wil13]. **People** [DB10]. **plan**
[Til12]. **Power** [Tuf17, PR15]. **practical**
[BB14, Mar18]. **Prehistory** [Mar12].
Privacy [FG10, LSBN14]. **Professional**
[Wil10, Wil13]. **Protest** [Tuf17]. **Protocol**
[Mil11]. **public** [LSBN14].

realizing [LM15]. **reconnaissance** [NHS13].
Research [DB10, Mar12]. **review** [DeF10].

safe [JI12]. **Sandworm** [Gre19]. **secrets**
[BSRS13]. **Security**
[FG10, Bas13, BSRS13, Boy10, CK10, Jac10,
JI12, Mar18, Mjö12, Vac10]. **Seven**
[PKB10]. **side** [MST⁺19]. **side-channels**
[MST⁺19]. **Social** [Wat14]. **software**
[Boy10]. **solutions** [BSRS13]. **Spam**
[Kre14]. **Spectre** [MST⁺19]. **speculative**
[MST⁺19]. **stay** [MST⁺19]. **staying** [JI12].
story [Eva18, Kre14]. **Synchronization**
[LNNNC16, Mil11].

tactics [WA11]. **Tear** [Tuf17]. **techniques**
[BB14, WA11]. **testers** [Mar18]. **testing**
[Ano11, Bal14, Bas13, BB14, EB11, Eng13,
NHS13, PR15, Til12, Wat14, Wei14, Wil10,
WA11, Wil13]. **tests** [Wat14]. **threat**
[CK10]. **Threats** [FG10]. **Time**
[LNNNC16, Mil11]. **top** [KR10]. **top-down**
[KR10]. **Traceable** [LNNNC16]. **Tubes**
[Blu12]. **Twitter** [Tuf17]. **Tym** [Gre18].

unconventional [WA11]. **untold**

[Eva18, Gre18].

Verifiable [LNNNC16].

war [CK10]. **web** [Mar18]. **who** [DB10, Eva18]. **Wireless** [NHS13]. **women** [Eva18]. **World** [LNNNC16, JI12, Sch15].

References

Anonymous:2011:PT

[Ano11] Anonymous. *Penetration testing*. Course Technology, Cengage Learning, Clifton Park, NY, USA, 2011. ISBN 1-4354-8366-9 (vol. 1 : paperback), 1-4354-8367-7 (vol. 2 : paperback), 1-4354-8368-5 (vol. 3 : paperback), 1-4354-8369-3 (vol. 4 : paperback), 1-4354-8370-7 (vol. 5 : paperback). ???? pp. LCCN QA76.9.A25 P4355 2011.

Baloch:2014:EHP

[Bal14] Rafay Baloch. *Ethical hacking and penetration testing guide*. CRC Press, 2000 N.W. Corporate Blvd., Boca Raton, FL 33431-9868, USA, 2014. ISBN 1-4822-3161-1 (paperback). ???? pp. LCCN QA76.9.A25 B356 2014.

Basta:2013:CSP

[Bas13] Alfred Basta. *Computer security and penetration testing*. Course Technology, Cengage Learning, Boston, MA, second edition, 2013. ISBN 0-8400-2093-7. ???? pp. LCCN ????

[BB14]

Broad:2014:HKP

James Broad and Andrew Binder. *Hacking with Kali: practical penetration testing techniques*. Syngress, an imprint of Elsevier, Amsterdam, The Netherlands, first edition, 2014. ISBN 0-12-407749-8 (alkaline paper). ix + 227 pp. LCCN QA76.9.A25 B772 2014.

Blum:2012:TJC

Andrew Blum. *Tubes: a journey to the center of the Internet*. Ecco, New York, NY, USA, 2012. ISBN 0-06-199493-6. 294 pp. LCCN TK5105.875.I57 B58 2012.

Boyle:2010:AIS

Randall Boyle. *Applied information security: a hands-on guide to information security software*. Prentice-Hall, Upper Saddle River, NJ 07458, USA, 2010. ISBN 0-13-612203-5. viii + 226 pp. LCCN QA76.9.A25.

Bergman:2013:HEM

[BSRS13]

Neil Bergman, Mike Stanfield, Jason Rouse, and Joel Scambray. *Hacking exposed: mobile security secrets and solutions*. McGraw-Hill, New York, NY, USA, 2013. ISBN 0-07-181701-8 (paperback). xxvii + 289 pp. LCCN TK5105.59 .B464 2013.

Carpenter:2013:NGH

[Car13]

Brian E. Carpenter. *Network Geeks — How They Built the Internet*. Springer-Verlag, Berlin,

- Germany / Heidelberg, Germany / London, UK / etc., 2013. ISBN 1-4471-5024-4 (paperback), 1-4471-5025-2 (e-book). ix + 161 + 15 pp. LCCN QA76.17; TK5105.875.I57 C37 2013. URL <https://sites.google.com/site/bcabrc/network-geeks-book>.
- Clarke:2010:CWN**
- [CK10] Richard A. (Richard Alan) Clarke and Robert K. Knake. *Cyber war: the next threat to national security and what to do about it.* Ecco, New York, NY, USA, 2010. ISBN 0-06-196223-6 (hardcover). xiv + 290 pp. LCCN HV6773.2 .C53 2010.
- Davies:2010:HIR**
- [DB10] Howard Davies and Beatrice Bressan, editors. *A History of International Research Networking: The People who Made it Happen.* Wiley, New York, NY, USA, February 2010. ISBN 3-527-32710-X (hardcover), 3-527-62933-5 (e-book). xxviii + 317 pp. LCCN TK5105.875.I57 H57 2010.
- DeFino:2010:OCE**
- [DeF10] Steven DeFino. *Official certified ethical hacker review guide.* Course Technology, Cengage Learning, Boston, MA, USA, 2010. ISBN 1-4354-8853-9 (paperback). xxii + 361 pp. LCCN QA76.3 .D445 2010.
- Engebretson:2011:BHP**
- [EB11] Pat (Patrick Henry) Engebretson and James Broad, CISSP., edi-
- tors. *The basics of hacking and penetration testing: ethical hacking and penetration testing made easy.* Syngress the basics. Syngress Publishing, Inc., Rockland, MA, USA, 2011. ISBN 1-59749-655-3. xvii + 159 pp. LCCN QA76.9.A25 E5443 2011.
- Engebretson:2013:BHP**
- [Eng13] Pat (Patrick Henry) Engebretson, editor. *The basics of hacking and penetration testing: ethical hacking and penetration testing made easy.* Syngress, an imprint of Elsevier, Amsterdam, The Netherlands, second edition, 2013. ISBN 0-12-411644-2 (paperback). xviii + 204 pp. LCCN QA76.9.A25 E5443 2013.
- Evans:2018:BBU**
- [Eva18] Claire Lisa Evans. *Broad band: the untold story of the women who made the Internet.* Portfolio, New York, NY, USA, 2018. ISBN 0-7352-1175-2 (hardcover), 0-7352-1176-0 (e-pub). 278 pp. LCCN QA76.2.A2 E93 2018.
- Franceschetti:2010:HSF**
- [FG10] Giorgio Franceschetti and Marina Grossi, editors. *Homeland Security Facets Threats: Countermeasures, and the Privacy Issue.* Artech House Inc., Norwood, MA, USA, 2010. ISBN 1-60807-106-5. 280 (est.) pp. LCCN ???? URL <http://www.artechhouse.com/Detail.aspx?strIsbn=978-1-60807-106-7>.

- Gregory:2018:TBUB**
- [Gre18] Nathan Gregory. *The Tym before: the untold origins of cloud computing*. lulu.com, Lexington, KY, USA, 2018. ISBN 1-973430-18-5. 476 pp. LCCN QA76.585 .G74 2018.
- Greenberg:2019:SNE**
- [Gre19] Andy Greenberg. *Sandworm: a New Era of Cyberwar and the Hunt for the Kremlin's Most Dangerous Hackers*. Doubleday, New York, NY, USA, 2019. ISBN 0-385-54440-5 (hardcover), 0-525-56463-2 (paperback), 0-385-54441-3 (e-book). xiii + 348 pp. LCCN HV6773.R8 G74 2019.
- Ilyas:2019:DCf**
- [IC19] Ihab F. Ilyas and Xu Chu. *Data Cleaning*, volume 28 of *ACM Books*. ACM Press, New York, NY 10036, USA, 2019. ISBN 1-4503-7152-3 (hardcover), 1-4503-7153-1 (paperback), 1-4503-7154-X (e-pub), 1-4503-7155-8 (e-book). xix + 260 pp. LCCN QA76.9.D3 I483 2019.
- Jackson:2010:NSA**
- [Jac10] Chris Jackson. *Network security auditing*. Cisco Press networking technology series. Cisco Press, Indianapolis, IN, USA, 2010. ISBN 1-58705-352-7 (paperback). xxiv + 488 pp. LCCN TK5105.59 .J325 2010.
- Jacobson:2012:CSL**
- [JI12] Douglas Jacobson and Joseph Idziorek. *Computer security literacy: staying safe in a digital*
- Krebs:2014:SNI**
- [Kre14] Brian Krebs. *Spam nation: the inside story of organized cybercrime — from global epidemic to your front door*. Sourcebooks, Inc., Naperville, IL, USA, 2014. ISBN 1-4022-9561-8 (hardcover). ??? pp. LCCN HV6773.2 .K74 2014.
- Lemstra:2015:DBM**
- [LM15] W. (Wolter) Lemstra and William H. Melody, editors. *The Dynamics of broadband markets in Europe: realizing the 2020 digital agenda*. Cambridge University Press, Cambridge, UK, 2015. ISBN 1-107-07358-8 (hardcover). xx + 409 pp. LCCN HE8084 .D96 2015. URL <http://assets.cambridge.org/9781107073586/>.
- Lombardi:2016:ATV**
- [LNNNC16] Michael A. Lombardi, Andrew N. Novick, George Neville-Neil, and
- world*. CRC Press, 2000 N.W. Corporate Blvd., Boca Raton, FL 33431-9868, USA, 2012. ISBN 1-4398-5618-4 (paperback). ??? pp. LCCN QA76.9.A25 J224 2013.
- Kurose:2010:CNT**
- [KR10] James F. Kurose and Keith W. Ross. *Computer networking: a top-down approach*. Addison-Wesley, Reading, MA, USA, fifth edition, 2010. ISBN 0-13-607967-9. xxiv + 862 pp. LCCN TK5105.875.I57 K88 2010.

- Ben Cooke. Accurate, traceable, and verifiable time synchronization for world financial markets. *Journal of research of the National Institute of Standards and Technology*, 121(??):436–463, October 7, 2016. CODEN JRITEF. ISSN 1044-677X (print), 2165-7254 (electronic). URL <http://nvlpubs.nist.gov/nistpubs/jres/121/jres.121.023.pdf>. [Mar18]
- Luccio:2011:MAF**
- [LPS11] Fabrizio Luccio, Linda Pagli, and Graham Steel. *Mathematical and algorithmic foundations of the Internet*. Chapman and Hall/CRC Press applied algorithms and data structures series. Chapman and Hall/CRC, Boca Raton, FL, USA, 2011. ISBN 1-4398-3138-6 (hardback). xv + 205 pp. LCCN TK5105.875.I57 L835 2011. [Mil11]
- Lane:2014:PBD**
- [LSBN14] Julia I. Lane, Victoria Stodden, Stefan Bender, and Helen Nissenbaum, editors. *Privacy, big data, and the public good: frameworks for engagement*. Cambridge University Press, Cambridge, UK, 2014. ISBN 1-107-06735-9 (hardcover), 1-107-63768-6 (paperback). xix + 322 pp. LCCN JC596 .P747 2015. [Mjö12]
- Martin:2012:HPE**
- [Mar12] Olivier H. Martin. The “hidden” prehistory of European research networking. Report, ICTC Consulting, ????, Switzerland, October 25, 2012. 125 pp. URL <http://ictconsulting.ch/reports/European-Research-Internet-History.pdf>. [Marshall:2018:HBH]
- Joseph Marshall. *Hands-on bug hunting for penetration testers: a practical guide to help ethical hackers discover web application security flaws*. Packt Publishing, Birmingham, 2018. ISBN 1-78934-420-4 (paperback), 1-78934-989-3 (e-book). viii + 234 pp. LCCN TK5105.5485. URL <https://international.scholarvox.com/book/88863226>. [Mills:2011:CNT]
- David L. Mills. *Computer network time synchronization: the Network Time Protocol*. Taylor and Francis, Boca Raton, FL, USA, second edition, 2011. ISBN 1-4398-1463-5. ???? pp. LCCN TK5105.575 .M55 2011. [Mjolsnes:2012:MII]
- Stig F. Mjølsnes, editor. *A multidisciplinary introduction to information security*. Discrete mathematics and its applications. CRC Press, 2000 N.W. Corporate Blvd., Boca Raton, FL 33431-9868, USA, 2012. ISBN 1-4200-8590-5 (hardback). xxv + 322 pp. LCCN QA76.9.A25 M845 2012. [Mcilroy:2019:SHS]
- Ross Mcilroy, Jaroslav Sevcik, Tobias Tebbi, Ben L. Titzer, and Toon Verwaest. Spectre is

- here to stay: An analysis of side-channels and speculative execution. *arxiv.org*, ??(??):1–26, February 14, 2019. URL <https://arxiv.org/abs/1902.05178>.
- Neely:2013:WRP**
- [NHS13] Matthew Neely, Alex Hamerstone, and Chris Sanyk. *Wireless reconnaissance in penetration testing*. Elsevier/Syngress, Amsterdam, The Netherlands, 2013. ISBN 1-59749-731-2. xvi + 166 pp. LCCN TK7882.E2 N44 2013.
- Powell:2010:SDN**
- [PKB10] Stacy J. Powell, Rob Kraus, and Mike Borkin. *Seven deadliest network attacks*. Syngress seven deadliest attacks series. Syngress Publishing, Inc., Rockland, MA, USA, 2010. ISBN 1-59749-549-2 (paperback). xiv + 142 pp. LCCN TK5105.59 .P76 2010.
- Polstra:2015:HPT**
- [PR15] Philip Polstra and Vivek Rama- chandran, editors. *Hacking and penetration testing with low power devices*. Elsevier, Amsterdam, The Netherlands, 2015. ISBN 0-12-800751-6, 0-12-800824-5 (e-book), 1-322-09763-1 (e-book). xv + 243 pp. LCCN QA76.9.A25 P5965 2015. URL <http://www.sciencedirect.com/science/book/9780128007518>.
- Schneier:2015:DGH**
- [Sch15] Bruce Schneier. *Data and Goliath: the hidden battles to collect your data and control your world*. W. W. Norton & Co., New York, NY, USA, 2015. ISBN 0-393-24481-4 (hardcover). 383 pp. LCCN HM846 .S362 2015.
- Szoka:2010:NDD**
- [SMZ⁺10] Berin Szoka, Adam Marcus, Jonathan L. Zittrain, Yochai Benkler, and John G. Palfrey. *The Next Digital Decade: Essays on the Future of the Internet*. TechFreedom, Washington D.C, 2010. ISBN 1-4357-6786-1. 575 pp. LCCN HM851 .N49 2010. URL <https://books.google.com/books?id=DZMSQH0fUKcC>.
- Tiller:2012:CGP**
- [Til12] James S. Tiller. *CISO’s guide to penetration testing: a framework to plan, manage, and maximize benefits*. CRC Press, 2000 N.W. Corporate Blvd., Boca Raton, FL 33431-9868, USA, 2012. ISBN 1-4398-8027-1 (hardcover). xiv + 374 pp. LCCN QA76.9.A25 T56 2012.
- Tufekci:2017:TTG**
- [Tuf17] Zeynep Tufekci. *Twitter and Tear Gas: the Power and Fragility of Networked Protest*. Yale University Press, New Haven, CT, USA, 2017. ISBN 0-300-21512-6 (hardcover). xxxi + 326 pp. LCCN HM742 .T84 2017.
- Vacca:2010:MIS**
- [Vac10] John R. Vacca, editor. *Managing information security*. Elsevier, Amsterdam, The Netherlands, 2010. ISBN 1-59749-533-6 (papercover). xxiv + 296

- pp. LCCN QA76.9.A25 M31845
2010.
- Wilhelm:2011:NHU**
- [WA11] Thomas Wilhelm and Jason Andress. *Ninja hacking: unconventional penetration testing tactics and techniques*. Syngress Publishing, Inc., Rockland, MA, USA, 2011. ISBN 1-59749-588-3. xii + 310 pp. LCCN QA76.9.A25 W548 2011.
- Watson:2014:SEP**
- [Wat14] Gavin Watson. *Social engineering penetration testing: executing social engineering pen tests, assessments and defense*. Syngress Publishing, Inc., Rockland, MA, USA, 2014. ISBN 0-12-420124-5. ???? pp. LCCN HM668 .W38 2014.
- Weidman:2014:PTH**
- [Wei14] Georgia Weidman. *Penetration testing: a hands-on introduction to hacking*. No Starch Press, San Francisco, CA, USA, 2014. ISBN 1-59327-564-1 (paperback). ???? pp. LCCN QA76.9.A25 W4258 2014.
- Wilhelm:2010:PPT**
- [Wil10] Thomas Wilhelm, editor. *Professional penetration testing: creating and operating a formal hacking lab*. Syngress Publishing, Inc., Rockland, MA, USA, 2010. ISBN 1-59749-425-9 (paperback), 1-59749-466-6 (DVD). xix + 504 pp. LCCN TK5105.59 .W544 2010.
- Wilhelm:2013:PPT**
- Thomas Wilhelm, editor. *Professional penetration testing*. Syngress Publishing, Inc., Rockland, MA, USA, second edition, 2013. ISBN 1-59749-993-5. ???? pp. LCCN TK5105.59 .W544 2013.