

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

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Title word cross-reference

[Wil10]. **Cyber** [CK10]. **cybercrime** [Kre14].

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

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

center [Blu12]. **certified** [DeF10]. **CISO** [Til12]. **collect** [Sch15]. **Computer** [Bas13, JI12, KR10, Mil11]. **control** [Sch15]. **Countermeasures** [FG10]. **creating**

Data [Sch15, LSBN14]. **deadliest** [PKB10]. **defense** [Wat14]. **devices** [PR15]. **digital** [JI12, LM15]. **discover** [Mar18]. **do** [CK10]. **door** [Kre14]. **down** [KR10]. **Dynamics** [LM15].

easy [EB11, Eng13]. **engagement** [LSBN14]. **engineering** [Wat14]. **epidemic** [Kre14]. **Ethical** [Bal14, DeF10, EB11, Eng13, Mar18]. **Europe** [LM15]. **executing** [Wat14]. **exposed** [BSRS13].

Facets [FG10]. **Financial** [LNNNC16]. **flaws** [Mar18]. **formal** [Wil10].

- foundations** [LPS11]. **Fragility** [Tuf17]. **framework** [Til12]. **frameworks** [LSBN14]. **front** [Kre14].
- Gas** [Tuf17]. **global** [Kre14]. **Goliath** [Sch15]. **good** [LSBN14]. **guide** [Bal14, Boy10, DeF10, Mar18, Til12].
- hacker** [DeF10]. **hackers** [Mar18]. **Hacking** [BSRS13, BB14, PR15, Bal14, EB11, Eng13, Wei14, Wil10, WA11]. **Hands** [Mar18, Boy10, Wei14]. **Hands-on** [Mar18, Boy10, Wei14]. **help** [Mar18]. **hidden** [Sch15]. **Homeland** [FG10]. **hunting** [Mar18].
- information** [Boy10, Mjö12, Vac10]. **Internet** [Blu12, Eva18, LPS11]. **introduction** [Mjö12, Wei14]. **Issue** [FG10].
- journey** [Blu12].
- Kali** [BB14].
- lab** [Wil10]. **literacy** [JI12]. **low** [PR15].
- made** [EB11, Eng13, Eva18]. **manage** [Til12]. **Managing** [Vac10]. **Markets** [LNNNC16, LM15]. **Mathematical** [LPS11]. **maximize** [Til12]. **mobile** [BSRS13]. **multidisciplinary** [Mjö12].
- nation** [Kre14]. **national** [CK10]. **Network** [Jac10, Mil11, PKB10, Mil11]. **Networked** [Tuf17]. **networking** [KR10]. **next** [CK10]. **Ninja** [WA11].
- Official** [DeF10]. **operating** [Wil10]. **organized** [Kre14].
- pen** [Wat14]. **Penetration** [Ano11, Wei14, Bal14, Bas13, BB14, EB11, Eng13, Mar18, NHS13, PR15, Til12, Wat14, Wil10, WA11, Wil13]. **plan** [Til12]. **Power** [Tuf17, PR15]. **practical** [BB14, Mar18]. **Privacy** [FG10, LSBN14]. **Professional** [Wil10, Wil13]. **Protest** [Tuf17]. **Protocol** [Mil11]. **public** [LSBN14].
- realizing** [LM15]. **reconnaissance** [NHS13]. **review** [DeF10].
- safe** [JI12]. **secrets** [BSRS13]. **Security** [FG10, Bas13, BSRS13, Boy10, CK10, Jac10, JI12, Mar18, Mjö12, Vac10]. **Seven** [PKB10]. **Social** [Wat14]. **software** [Boy10]. **solutions** [BSRS13]. **Spam** [Kre14]. **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].
- unconventional** [WA11]. **untold** [Eva18].
- Verifiable** [LNNNC16].
- war** [CK10]. **web** [Mar18]. **who** [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.
- [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.
- [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] 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.
- [Blu12] 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.
- [Boyl10] 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.
- [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.
- [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.
- [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.
- [EB11] Pat (Patrick Henry) Engebretson and James Broad, CISSP., editors. *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.
- [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.
- [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.
- [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>.
- [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.
- [JI12] Douglas Jacobson and Joseph Idziorek. *Computer security literacy: staying safe in a digital 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.
- [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.
- [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.
- [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/97811070/73586/cover/9781107073586.jpg>.
- [LNNNC16] Michael A. Lombardi, Andrew N. Novick, George Neville-Neil, and 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>.
- [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.
- [LSBN14] Julia I. Lane, Victoria Stodden, Stefan Bender, and Helen Nissenbaum, editors. *Privacy, big data, and the public good: frame-*
- works 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.
- Marshall:2018:HBH**
- [Mar18] 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**
- [Mil11] 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**
- [Mjö12] Stig F. Mjolsnes, 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.
- Lombardi:2016:ATV**
- Luccio:2011:MAF**
- Lane:2014:PBD**

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.

Prowell:2010:SDN

- [PKB10] Stacy J. Prowell, 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 Ramachandran, 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 Go-liath: 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.

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

- [Wil13] 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.