

REFERENCES

- A. Mishra and K.M Nadkarni, (2003), Security in Wireless Ad -hoc Network, *The Hand book of Ad Hoc Wireless Networks (chapter 30)*, CRC press LLC
- A. Patwardhan, J. Parker, A. Joshi, M.Iorga, and T. Karygiannis, (March, 2005) Secure Routing and Intrusion Detection in Ad Hoc Networks, *In Proceedings of the 3rd International Conference on Pervasive Computing and Communications* IEEE, 191-199
- A. Pirzada, and C. McDonald, (2004), Establishing trust in pure ad-hoc networks, *in Proceedings of the 27th conference on Australasian computer science*, Dunedin, New Zealand: Australian Computer Society
- B. Kannhavong, H. Nakayama, Y. Nemoto, N. Kato, A. Jamalipour, (2007), A Survey Of Routing Attacks In Mobile Ad Hoc Networks, *IEEE Wireless Communications*, 14(5), 85-91, October
- B. R, Arun Kumar, Reddy, Lokanatha C and Hiremath, Prakash S., (2008), Mobile Ad hoc Networks: Issues, Research Trends and Experiments, *International Engineering and Technology (IETECH) Journal of Communication Techniques*, 2(2)
- Bansal, S., Baker, M., (2003) Observation-based Cooperation Enforcement in Ad-hoc Networks, arxiv: cs/0307012v2
- Beth, T., M. Borcherdig, and B. Klein., (1994), Valuation of Trust in Open Networks in 3rd European Symposium on Research in Computer Security (ESORICS '94), Brighton, UK: Springer Verlag
- Blaze M., Feigenbaum J., Lacy J. (1996) Decentralized trust management. In: *Proceedings of IEEE symposium on security and privacy*, 164–173
- Boukerche and Y. Ren, (2008), A Security Management Scheme using a novel Computational Reputation Model for Wireless and Mobile Ad hoc Networks, *proc. Int'l Workshop on Modeling Analysis and Simulation of wireless and Mobile System*, Vancouver, British Columbia, Canada, 88-95

- Boukerche, Azzedine, (2008), Algorithms and Protocols for Wireless, Mobile Ad Hoc Networks
- Broch, J., Maltz, D. A., Johnson, D. B., Hu and Jetcheva, (1988), A Performance Comparison of Multi-Hop Wireless Ad Hoc Network for mobile ad hoc networks, in *Proc. 4th annual IEEE/ACM international conference on Mobile Computing and Networking*, Dallas, Texas, U.S., 85-97
- Buchegger, S. Le Boudec J.-Y., (2002), Performance analysis of the confident protocol (cooperation of nodes: fairness in dynamic ad-hoc networks) in *MobiHoc'02, IEEE/ACM symposium on Mobile Ad-hoc Networking and Computing*
- C. E. Perkins and E. M. Royer, (1999), Ad hoc On-Demand Distance Vector Routing, *Proc. 2nd IEEE Workshop of Mobile Comp. Sys. and Apps.*, Feb., 90-100
- C. E. Perkins and P. Bhagwat, (1994), Highly Dynamic Destination-Sequenced Distance-vector-Routing (DSDV) for Mobile Computers, SIGCOMM, UK, 234-244
- C. S. R. Murthy and B. S. Manoj, (2008), Ad Hoc Wireless Networks, *Pearson Edition*
- C. Siva Ram Murthy and B. S. Manoj, (2004), Ad hoc Wireless Networks: Architecture and Protocols, *Prentice Hall Publishers*, ISBN 013147023X
- C. Zouridaki, B. L. Mark, M. Hejmo, and R. K. Thomas, (2005) A quantitative trust establishment framework for reliable data packet delivery in MANETs, in *Proceedings of the 3rd ACM workshop on Security of ad hoc and sensor networks*, 1-10.
- Changling Lui, Jorg Kaiser (2003), A Survey of Mobile Ad Hoc Network Routing Protocols, Tech. Report, *University of Ulm, Germany*
- Chen Aiguo, XU Guoai, Yang Yixian, (2008), A Cluster Based Trust Model For Mobile Ad-hoc Networks, *IEEE*
- Chlamtac I., Conti M., and Liu Jennifer J.-N (2003) Mobile ad hoc networking: imperatives and challenges, *Ad Hoc Networks*, 1(1), 13–64

- Clausen, P. Jacket, L. Viennot, (2002), Comparative study of Routing Protocols for Mobile Ad Hoc Networks, *The First Annual Mediterranean Ad Hoc Networking Workshop, September*
- D. Gambetta, (2000), Can We Trust Trust? Trust:Making and Breaking Cooperative Relations, *Electronic Edition, Department of Sociology, University of Oxford*, ch.13, 213-237
- D. J. McAllister (1995), Affect- and cognition-based trust as foundations for interpersonal cooperation in organizations, *Academy of Management Journal*, no. 38, 24–59
- D. Johnson and D. Maltz, (1996), —Dynamic Source Routing in Ad Hoc Wireless Networks, *Mobile Computing*, T. Imielinski and H. Korth, Ed.,. Kluwer, 153-81
- D. Johnson, D. Maltz, (1996), Dynamic Source Routing in ad hoc wireless Networks, *in: I. Tomasz, K. Hank (Eds.), Mobile Computing, first ed., Kluwer Academic Press*, 153–181
- D. Olmedilla, O. Rana, B. Matthews, W. Nejdl (2005), Security and Trust Issues in Semantic Grids, in *Proceedings of the Dagstuhl Seminar, Semantic Grid: The Convergence of Technologies*, 05271
- David B. Johnson, David A. Maltz, Yih Chun Hu, and Jorjeta G. Jetcheva, (2002), The dynamic source routing protocol for mobile ad hoc networks, *Internet Draft, MANET Working Group*,
- David B. Johnson, David A. Maltz, Yih-Chun Hu., (2004), The Dynamic Source Routing Protocol for Mobile Ad Hoc Networks (DSR)
- Devi. Pand A. Kannammal, (2012), Security Attacks and Defensive Measures for Routing Mechanisms in MANETs – A Survey, *International Journal of Computer Applications* (0975 – 8887) 42(4)
- E. M. Royer and C. K. Toh, A review of Current routing protocols for Ad Hoc Mobile Wireless, 2002

- Elizabeth M. Royer, (1999), A Review of Current Routing Protocols for Ad Hoc Mobile Wireless Networks, *University of California, Santa Barbara Chai-KeongToh, Georgia Institute of Technology, IEEE personal communication*, April
- F. Yunfang, (2007), Adaptive Trust Management in MANETs, *Proc. International conference on Computational Intelligence and Security, Harbin, China, Dec., 804-808*
- Feng Zhang, *et al.*, (2012), Node trust evaluation in mobile ad hoc networks based on multi-dimensional fuzzy and Markov SCGM (1, 1) model, *Computer Communications* 35, 589–596
- Fenye Bao, Ing Ray Chen, Moon Jeong Chang, and Jin-Hee Cho, (2012) Hierarchical Trust Management for Wireless Sensor Networks and its Applications to Trust-Based Routing and Intrusion Detection, *IEEE Transactions on Network And Service Management*, 9(2)
- G. Theodorakopouls and J.S Baras, (2004), Trust Evaluation in ad-hoc networks, in *ACM Workshop Wirellesssecurity*, Oct.
- Gao Xiaopeng and Chen Wei, (2007), A Novel Gray Hole Attack Detection Scheme for Mobile Ad-Hoc Networks, *IFIP International Conference on Network and Parallel Computing – Workshops, IEEE*
- H. Yu, S. Liu, A. C. Kot, C. Miao, and C. Leung, (2011), Dynamic witness selection for trustworthy distributed cooperative sensing in cognitive radio networks, in *Communication Technology (ICCT), 2011 IEEE 13th International Conference on*, 1-6.
- H. Yu, Z. Shen, C. Miao, C. Leung, and D. Niyato, (2010), A survey on trust and reputation management systems in wireless communications, *Proceedings of the IEEE*, 98(10), 1755–1772
- Han Yu, ZhiqiShen, Chunyan Miao, Cyril Leung, and DusitNiyato, (2010), A Survey of Trust and Reputation Management System in Wireless Communications, *proc. of the IEEE*

- He, Q., Wu, D., Khosla, P., (2004), SORI: A Secure and Objective Reputation-based Incentive Schemes for Ad-hoc Networks, *IN WCNC'04 IEEE wireless Communications and Networking Conference*
- Hu, J., Burnmester, M., (2006) LARS: a locally aware reputation system for mobile ad-hoc networks, *in 44th annual ACM Southeast Regional Conference*
- J. D. Lewis and A. J. Weigert (1985), Trust as a social reality. Social Forces, Social Atomism, Holism, and Trust, *The Sociological Quarterly*, 63(4), 967–985
- J. Golbeck, (2006), Computing with Trust: Definition, Properties, and Algorithms, *Securecomm and Workshops-Security and Privacy for Emerging Areas Communications Networks, Baltimore, MD, 28 Aug. – 1 Sep.*, 1-7
- J. H. Cho and A. Swami (2009), Towards trust-based cognitive networks: A survey of trust management for mobile ad hoc networks, *in 14th International Command and Control Research and Technology Symposium, Washington, DC*
- J. H. Cho, A. Swami and I. R. Chen (2009), Modeling and analysis of trust management for cognitive mission-driven group communication systems in mobile ad hoc networks, *in International Conference on Computational Science and Engineering, IEEE*, 641–650
- J. H. Cho, A. Swami, and I. R. Chen, (2011), A survey on trust management for mobile ad hoc networks, *IEEE Communication Surveys Tutorials*, 13(4), 562–583
- J. Hassan, H. Sirisena, and B. Landfeldt (2008), Trust-based fast authentication for multiowner wireless networks, *IEEE Trans. Mobile Comput.*, 7(2), 247–261
- J. Lopez, R. Roman, I. Agudo, C.G. Fernandez (2010), Trust Management Systems for Wireless Sensor Networks: Best Practices, *Computer Communication*, 33, 1086–1093
- K. Hoffman, D. Zage, and C. Nita-Rotaru, (2009) A survey of attack and defense techniques for reputation systems, *ACM Computing Surveys (CSUR)*, 1-9.

- Kannan and Mohapatra, (2012) Trust Computations and Trust Dynamics in Mobile Adhoc Networks: A Survey, *IEEE* 14(2), 279-298.
- L. Eschenauer, V. D. Gligor, and J. Baras, (2002), On Trust Establishment in Mobile Ad Hoc Networks, *Proc. 10th Int'l Security Protocols Workshop, Cambridge*, 2845, 47-66, April
- L. Zhou, and Z. Haas, (1999), Securing ad hoc networks, *IEEE Network Magazine*, 13(6), 24–30
- Luis Bernardo, Rodolfo Oliveira, Sérgio Gaspar, David Paulino and Paulo Pinto (2006), A Telephony Application for Manets: Voice over a MANET-Extended JXTA Virtual Overlay Network, Third International Conference, ICETE, Portugal, 347-358
- M. Wireless Conference (RAWCON '98), pages 55–58, Aug. 1998 IEEE.
- M. Deutch (1962), Cooperation and trust: Some theoretical notes, *Nebraska Symposium on Motivation*, Nebraska University Press, 275–319
- M. Virendra, *et al.*, (2005), Quantifying Trust in Mobile Ad-Hoc Networks, in *International Conference on Integration of Knowledge Intensive Multi-Agent Systems*, Waltham, Massachusetts, USA: IEEE
- Marcela Mejia, *et al.*, (2011), A game theoretic trust model for on-line distributed evolution of cooperation in MANETs, *Journal of Network and Computer Applications* 34, 39–51
- Marti, S., Giuli, T. J, Lai,k., Baker, M., (2000), Mitigating Routing Misbehavior in Mobile Ad-hoc Networks, in *ACM MobiCom conference*
- Mawloud Omara, *et al.*, (2009), Reliable and Fully Distributed Trust Model for Mobile ad hoc Networks, *Computers & Security*28, 199-214
- Michirardi, P., Molva, R., (2002), Core: A collaborative reputation mechanism to encode node cooperation in mobile ad-hoc networks, in *CMS'02 Communication and Multimedia Security Conference*

- Mohammad Al-Shurman and Seong-Moo Yoo, Seungjin Park, (2004), Black Hole Attack in Mobile Ad Hoc Networks (ACMSE'04), Huntsville, AL, USA, April, 2-3
- Mohammad, Ilyas. And Dorf , Richard C., (2003), The handbook of ad hoc wireless networks
- N. Bhalaji, Dr. A. Shanmugam, (2009), Reliable Routing against selective packet drop attack in DSR based MANET, *in Journal of Software*, 4(6), August, 536-543
- N. Griffiths, A. Jhumka, A. Dawson, and R. Myers, (2008), A Simple Trust model for On-Demand Routing in Mobile Ad-hoc Networks, *Intelligent Distributed Computing, Systems And Applications Studies in Computational Intelligence*,162, 105-114
- N. Saxena, G Tsudik, and J.H. Yi, (2007), Threshold Cryptography in P2P and MANETs: the case of access control, *Computer Networks*, 51(12), 3632-3649
- N. Bhalaji, A.Shanmugam, (2009), Association between nodes to Combat Blackhole attack in DSR based MANET, *in Proceedings of the Sixth IFIP-IEEE WOCN*, April 28-30, Cairo, 403-407, ISBN: 978-1-4244-4704-, DOI:10.1109/wocn.2009.5010 579
- N. Bhalaji, A.Shanmugam, (2012), Dynamic Trust Based Method to Mitigate Grayhole Attack in MobileAd-hoc Networks, *International Conference on Communication Technology and System Design, Procedia Engineering 30*, 881 – 888
- Nagi, E.C.H., M.R. Lyu, and R.T. Chin., (2004), An Authentication Service Against Dishonest Users in Mobile Ad Hoc Networks, *in Proceedings of 2004 IEEE Aerospace Conference, Big Sky,MT*, United States: IEEE
- P. Papadimitratos and Z. J. Haas, (2002), Secure Routing for Mobile Ad hoc Networks, *Proceedings of SCS Communication Networks and Distributed Systems Modeling and Simulation Conference*, USA

- P. Papadimitratos, and Z.J. Haas, (2002), Securing the Internet Routing Infrastructure, *IEEE Communications*, October, 10(40), 60-68
- R. Li, J. Li, P. Liu, and J. Kato, (2009), A Novel Hybrid Trust Management Framework for MANETs, in Distributed Computing Systems Workshops, 2009. ICDCS Workshops'09. 29th IEEE International Conference on, 251-256.
- R.E. Bellman, (1957), Dynamic Programming, *Princeton University Press*, Princeton, NJ
- Renu Dalal *et al.*, (2012), Different Ways to Achieve Trust in MANET, *IJANS*, 2(2)
- Revathi Venkataraman and M. Pushpalatha (2006), Security in Ad Hoc Networks: An extension of dynamic Source Routing in Mobile Ad Hoc Networks, *in proceedings of the 10th IEEE International Conference on Communication Systems*, Singapore
- S. Murthy and J.J. Garcia-Luna-Aceves, (1996), An Efficient Routing Protocol for Wireless Network, *In ACM Mobile Networks and Applications Journal, Special Issue on Routing in Mobile Communication Networks*, October, 1(2), 183-197
- S. P. Shapiro (1987), The social control of impersonal trust, *American Journal of Sociology*, 93(3), 623–658
- S. Capkun, L. Buttyan, and J.P. Hubaux, (2002), Self-organized public key management for mobile ad-hoc networks, *Mobile Computing and Communication Review*, 6(4)
- Solhaug, D. Elgesem, and K. Stolen, (2007), Why Trust is not proportional to Risk?, *Proc. 2nd Int'l Conf. on Availability, Reliability, and Security (ARES'07)*, 10-13 April, Vienna, Austria, 11-18
- Sun Choi, Doo-young Kim, Do-hyeon Lee, Jae-il Jung, (2008), WAP: Wormhole Attack Prevention Algorithm in Mobile Ad Hoc Networks, *IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing*
- T. Clausen and P. Jacquet, eds, (2003), Optimized Link State Routing Protocol (OLSR), *IETF RFC*, October, 3626

- T.W.A. Grandison, (2003), Trust Management for Internet Applications, in Department of Computing, University of London: London, British, 252
- Tamilselvan, L. and Sankaranarayanan V., (2007), Prevention of Blackhole Attack in MANET, *Proceedings of the 2nd International Conference on Wireless Broadband and Ultra Wideband Communications, AUS*
- Tavli, Bulent, (2006), Mobile Ad Hoc Networks: Energy-Efficient Real-Time Data Communications
- Theodorakopoulos and J.S. Baras, (Feb. 2006), On Trust Models and Trust Evaluation Metrics for Ad-hoc Networks, *IEEE Journal on selected Areas in Communications*, 24(2), 318-328
- V. Bharghavan, A. Demers, S. Shenker, and L. Zhang, Macaw, (1994): a media access protocol for wireless LAN's, *In Proceedings of the conference on Communications architectures, protocols and applications*, ACM Press, 212-225
- Vincent D. Park and M. Scott Scorsone, (1998), A Performance Comparison of Temporary Ordered Routing Algorithm and Ideal Link State Routing, *in proceeding of IEEE symposium on Computers and Communication*
- Wu B., Chen J., Wu J., and Cardei M. (2006), A Survey of Attacks and Countermeasures in Mobile Ad Hoc Networks, in: *Wireless/Mobile Network Security*, ed: Springer, vol. 17 103-135.
- Y. C. Hu, A. Perrig, D. B. Johnson, (2005), Ariadne: A secure on-demand routing protocol for ad hoc networks, *ACM MOBICOM Wireless Networks*, 11, 21-38
- Y. Xiao, X. Shen, and D.-Z. Du (Eds.), (2006), A Survey on Attacks and Countermeasures in Mobile Ad Hoc Networks, *Wireless/Mobile Network Security, Springer*
- Y.C. Hu, A. Perrig, and D. B. Johnson, (2002), Ariadne: A Secure On-demand Routing Protocol for Ad Hoc Networks, *Proceedings of International Conference on Mobile Computing and Networking*, Atlanta, USA, 12-23

Yi Ping, HouYafei, Bong Yiping, Zhang Shiyong& Dui Zhoulin, (2006), Flooding Attacks and defence in Ad hoc Networks, *Journal of Systems Engineering and Electronics*, 17(2), 410- 416

Z. Yan, P. Zhang, and T. Virtanen, (2003), Trust Evaluation Based Security Solution in Ad Hoc Networks, in Proceedings of the Seventh Nordic Workshop on Secure IT Systems Norway