

References

- [1] C. E. Perkins Editor *et al.*, “Ad Hoc Networking Addison-Wesley,” 2008.
- [2] A. Saini and H. Kumar, “Comparison between various black hole detection techniques in MANET, Akanksha Saini , Harish Kumar,” *Instrumentation*, no. pp. 19–20, 2010.
- [3] A. Hinds, M. Ngulube, S. Zhu, and H. Al-Aqrabi, “A Review of Routing Protocols for Mobile Ad-Hoc NETworks (MANET),” *Int. J. Inf. Educ. Technol.*, vol. 3, no. 1, pp. 1–5, 2013.
- [4] K. Majumder and S. K. Sarkar, “Performance analysis of AODV and DSR routing protocols in hybrid network scenario,” *Proc. INDICON 2009 - An IEEE India Counc. Conf.*, vol. 2, no. 2, 2009.
- [5] H. Deng, W. Li, and D. P. Agrawal, “Routing security in wireless ad hoc networks,” *IEEE Commun. Mag.*, vol. 40, no. 10, pp. 70–75, 2002.
- [6] P. Manickam and T. G. Baskar, “Pefromance comparioson of routing protocols in Mobile adhoc networks,” vol. 3, no. 1, pp. 98–106, 2011.
- [7] Kumar Rai *et al.*, “Different Types of Attacks on Integrated MANET-Internet Communication,” no. 4, pp. 265–274, 2010.
- [8] K. Pandey and A. Swaroop, “A Comprehensive Performance Analysis of Proactive, Reactive and Hybrid MANETs Routing Protocols,” *IJCSI Int. J. Comput. Sci. Issues ISSN*, vol. 8, no. 3, pp. 1694–814, 2011.
- [9] N. Kalia, “Detection of Multiple Black hole nodes attack in MANET by modifying AODV protocol,” vol. 8, no. 5, pp. 160–174.
- [10] N. Mistry, D. C. Jinwala, and M. Zaveri, “Improving AODV Protocol against Blackhole Attacks,” *Int. Multiconference Eng. Comput. Sci. (Imecs 2010), Vols I-Iii*, vol. II, pp. 1034–1039, 2010.
- [11] P. N. Raj and P. B. Swadas, “Dpraodv: a Dyanamic Learning System Against,” *Int. J. Comput. Sci. Issues*, vol. 2, pp. 54–59, 2009.
- [12] A. K. Sahoo, “Prevention of Black hole Attack in AODV protocols for Mobile Ad Hoc Network by Key Authentication Prevention of Black hole Attack in AODV protocols for Mobile Ad Hoc Network by Key Authentication,” 2012, 2014.
- [13] S. L. Dhende, “A-98. A Mechanism for Detection of Black Hole Attack in Mobile Ad Hoc Networks,” vol. 1, no. 6, pp. 1–4, 2012.

- [14] L. Tamilselvan and V. Sankaranarayanan, “Prevention of co-operative black hole attack in MANET,” *J. Networks*, vol. 3, no. 5, pp. 13–20, 2008.
- [15] L. Himral, V. Vig, and N. Chand, “Preventing AODV Routing Protocol from Black Hole Attack,” *Int. J. Eng. Sci. Technol.*, vol. 3, no. 5, pp. 3927–3932, 2011.
- [16] W. Saetang and S. Charoenpanyasak, “CAODV Free Blackhole Attack in Ad Hoc Networks,” vol. 35, no. Cncs, pp. 63–68, 2012.
- [17] S. Univercity, “Security attacks I . INTRODUCTION,” vol. 2, no. 3, pp. 651–657, 2012.
- [18] K. Vishnu and A. J. Paul, “Detection and Removal of Cooperative Black/Gray hole attack in Mobile AdHoc Networks,” *Int. J. Comput. Appl.*, vol. 1, no. 22, pp. 40–44, 2010.
- [19] P. Goyal, V. Parmar, and R. Rishi, “MANET: Vulnerabilities, Challenges, Attacks, Application,” *IJCSEM Int. J. Comput. Eng. Manag. ISSN*, vol, pp. 2230–7893, 2011.
- [20] M. Chitkara and M. W. Ahmad, “Review on MANET: Characteristics, Challenges, Imperatives and Routing Protocols,” *Int. J. Comput. Sci. Mob. Comput.*, vol. 32, no. 2, pp. 432–437, 2014.
- [21] S. A. K. A. Omari and P. Sumari, “An Overview of Mobile Ad Hoc Networks for the Existing Protocols and Applications,” *Int. J. Appl. Graph Theory Wirel. Ad Hoc Networks Sens. Networks*, vol. 2, no. 1, pp. 87–110, 2010.
- [22] S. Ade and P. Tijare, “Performance comparison of AODV, DSDV, OLSR and DSR routing protocols in mobile ad hoc networks,” *Int. J. Inf. Technol. Knowl. Manag.*, vol. 2, no. 2, pp. 545–548, 2010.
- [23] A. S. Roy, M. Borah, and A. Banerjee, “Study of Fisheye Routing Protocol in Ns3 and Its Comparative Analysis With Aodv ,” pp. 82–94.
- [24] K. A. Adoni, “Optimization of Energy Consumption for OLSR Routing Protocol in MANET,” *Int. J. Wirel. Mob. Networks*, vol. 4, no. 1, pp. 251–262, 2012.
- [25] V. D. Park and M. S. Corson, “A performance comparison of the temporally-ordered routing algorithm and ideal link-state routing,” *Proc. - 3rd IEEE Symp. Comput. Commun. ISCC 1998*, pp. 592–598, 1998.
- [26] N. Beijar, “Zone Routing Protocol (ZRP),” *Netw. Lab. Helsinki Univ. Technol. Finl.* 9, pp. 1–12, 2002.
- [27] A. Huhtonen, “Comparing AODV and OLSR Routing Protocols 2 Ad hoc On

- Demand Distance Vector," *Telecommun. Softw. Multimed.*, pp. 1–9, 2004.
- [28] I. D. Chakeres and E. M. Belding-Royer, "AODV routing protocol implementation design," pp. 698–703, 2004.
- [29] P. M. Jawandhiya, M. M. Ghonge, M. S. Ali, and P. J. S. Deshpande, "A Survey of Mobile Ad Hoc Network Attacks," *Int. J. Eng. Sci. Technol.*, vol. 2, no. 9, pp. 4063–4071, 2010.
- [30] K. I. Lakhtaria, "Next generation wireless network security and privacy," *Next Gener. Wirel. Netw. Secur. Priv.*, 2015.
- [31] S. Alzahrani and L. Hong, "Generation of DDoS Attack Dataset for Effective IDS Development and Evaluation," *J. Inf. Secur.*, vol. 09, no. 04, pp. 225–241, 2018.
- [32] S. Dixit, P. Pathak, and S. Gupta, "A novel approach for gray hole and black hole detection and prevention," *2016 Symp. Colossal Data Anal. Networking, CDAN 2016*.
- [33] A. Nadeem and M. Howarth, "Adaptive intrusion detection & prevention of denial of service attacks in MANETs," p. 926, 2009.
- [34] H. Bakiler and A. Şafak, "Analysis of Current Routing Attacks in Mobile Ad Hoc Networks," *Int. J. Appl. Math. Electron. Comput.*, vol. 3, no. 2, p. 127, 2015.
- [35] R. H. Jhaveri, A. D. Patel, J. D. Parmar, and B. I. Shah, "MANET routing protocols and wormhole attack against AODV," *Int. J. Comput. Sci. Netw. Secur.*, vol. 10, no. 4, pp. 12–18, 2010.
- [36] J. Kumar, M. Kulkarni, and D. Gupta, "Effect of Black Hole Attack on MANET Routing Protocols," *Int. J. Comput. Netw. Inf. Secur.*, vol. 5, no. 5, pp. 64–72, 2013.
- [37] V. Shanmuganathan and M. T. Anand, "A Survey on Gray Hole Attack in MANET," *IRACST-International J. Comput. Networks Wirel. Commun.*, vol. 2, pp. 647–650, 2012.
- [38] P. Casas, J. Mazel, and P. Owezarski, "Knowledge-independent traffic monitoring: Unsupervised detection of network attacks," *IEEE Netw.*, vol. 26, no. 1, pp. 13–21, 2012.
- [39] S. Yadav, "Attacks in MANET," vol. 1, no. 3, pp. 123–126, 2012.
- [40] M. P. A. Patil, M. E. H. V. P. M. Coet, and A. P. H. V. P. M. Coet, "Available Online at www.ijarcns.info Network Traffic Monitoring with IDS," vol. 4, no. 6, pp. 214–219, 2013.