

## DAFTAR PUSTAKA

- [1] Bulent Tavli and Wndi Heinzelman, *Mobile Ad Hoc Networks Energy-Efficient Real-Time Data Communications.*: Springer, 2006.
- [2] Hendrawan and Irvan Supradana, "MODIFIKASI PROSES ROUTE DISCOVERY PADA PROTOKOL ROUTING AODV DI JARINGAN WIRELESS AD HOC," *Jurnal Penelitian Dan Pengembangan Telekomunikasi IT Telkom*, vol. Vol. 15, no. 1, Juni 2010.
- [3] Radhika Ranjan Roy, *Handbook of Mobile Ad Hoc Networks for Mobility Models*. New York: springer, 2011.
- [4] Satish Hatti and M. B. Kamakshi, "Performance Analysis of ETX and ETT Routing Metrics Over AODV Routing Protocol in WMNs," *Computer Networks & Communications (NetCom)*, vol. 131, pp. 817-826, 2013.
- [5] Vandana Dubey and Nilesh Dubey, "Performance Evaluation of AODV and AODVETX," *Computational Intelligence and Communication Networks (CICN), 2014 International Conference on*, pp. 482 - 485, Nov 2014.
- [6] Claude Richard, Charles E.Perkins, and Cedric Westphal, "Defining an Optimal Active Route Timeout for the AODV Routing Protocol," *Second Annual IEEE Communications Society Conference on Sensor and Ad-Hoc Communications and Networks*, sep 2005.
- [7] R. Kachhoria and S. Sharma, "An Implementation in AODV based on Active Route Timeout between sensor nodes in Wireless Sensor Networks," vol. 3, no. 3, Mar 2011.
- [8] Karen Aspelin, *Establishing Pedestrian Walking Speeds.*: Portland State University, 2005.
- [9] Xian Ni, Kun-chan, and R. Malaney, "On the Performance of Expected Transmission Count (ETX) for Wireless Mesh Networks," *3rd International ICST Conference on Performance Evaluation Methodologies and Tools, VALUETOOLS 2008, Athens, Greece*, oct 2008.
- [10] Anh Tai Tran and Myung Kyun Kim, "Characteristics of ETX link quality estimator under high traffic load in wireless networks," *2013 IEEE International Conference on High Performance Computing and*

*Communications & 2013 IEEE International Conference on Embedded and Ubiquitous Computing*, pp. 611-618, 2013.

- [11] Songhua Liu, Muqing Wu, Chuanfeng Chen, and Simu Li Bo Lv, "A High-Throughput Routing Metric for Multi-Hop Ad hoc Networks based on Real Time Testbed," pp. 1 - 4, Oct 2013.
- [12] Chiraz Houaidia, AdrienVan Den Bossche, Hanen Idoudi, Thierry Val, and Leila Azouz Saidane, "Experimental Performance Analysis of Routing Metrics in Wireless Mesh Network," p. 1011–1016, 2013.
- [13] Marija Z. Malnar and Nataša J. Nesković, "Comparison of ETX and HOP Count Metrics using Glomosim Simulator," *Telecommunication in Modern Satellite, Cable, and Broadcasting Services, 2009. TELSIS '09. 9th International Conference on*, pp. 85 - 88 , Oct 2009.
- [14] Chaitra Gaonkar, Vishalaxi Tandel, and Vikash Kumar, "Performance study of AODV routing protocol using ETX as a metric," *INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND CREATIVE ENGINEERING*, vol. 3, no. 8, pp. 109-115, August 2013.
- [15] Douglas S. J. De Couto, Daniel Aguayo, John Bicket, and Robert Morris, "A HighThroughput Path Metric for MultiHop Wireless Routing," *Wireless Networks*, vol. 11, no. 4, pp. 419-434, July 2005.
- [16] WADHAH AL-MANDHARI, KOICHI GYODA, and NOBUO NAKAJIMA1, "Performance Evaluation of Active Route Time-Out parameter in Ad-hoc On Demand Distance Vector (AODV)," in *6th WSEAS International Conference on APPLIED ELECTROMAGNETICS, WIRELESS and OPTICAL COMMUNICATIONS (ELECTROSCIENCE '08)*, Trondheim Norway, 2008, pp. 47-51.
- [17] Sachin Kumar Gupt, Rohit Sharma , and R.K. Saket, "Effect of variation in active route timeout and delete period constant on the performance of AODV protocol," *INTERNATIONAL JOURNAL OF MOBILE COMMUNICATIONS*, vol. 12, no. 2, pp. 177-191, January 2014.
- [18] Meenakshi Tripathi, M. S. Gaur, and Vijay Laxmi, "Analysis of effects of Mobility and Active Route Timeout between Sensor Nodes in Wireless Sensor Networks," *International Journal of Computer Applications*, vol. 5, pp. 22-25, January 2012.
- [19] The Network Simulator-ns2. [Online]. <http://www.isi.edu/nsnam/ns/>

- [20] Shah, S. et. al., "Performance Evaluation of Ad hoc Routing Protocol Using NS2 Simulation, Mobile and Pervasive Computing," p. 165 – 171, 2008.
- [21] S. Corson and J. Maker, "MANET: Routing Protocol Performance Issues and Evaluation considerations," Jan 1999.
- [22] Surendra H. Raut and Hemant P. Ambulgekar, "Proactive and Reactive Routing Protocols in Multihop Mobile Ad hoc Network," *International Journal of Advanced Research in Computer Science and Software Engineering*, vol. 3, no. 4, pp. 152-157, April 2013.
- [23] Bhabani Sankar Gouda, Ashish Kumar Dass, and K.Lakshmi Narayana, "A Comprehensive Performance Analysis of Energy Efficient Routing Protocols in different traffic based Mobile Ad-hoc Networks," *IEEE Autom. Comput. Commun. Control Compress. Sens. IMac4s*, p. 306 – 312, 2013.
- [24] Dhiraj Nitnaware and Ajay Verma, "Performance Evaluation of Energy Consumption of Reactive Protocols under Self- Similar Traffic," *IJCSC*, vol. 1, no. 1, p. 67–71, 2010.
- [25] Stephen Mueller, Rose P. Tsang, and Dipak Ghosal, "Multipath Routing in Mobile Ad Hoc Networks:Issues and Challenges," *Perform. Tools Appl. Networked Syst.*, vol. 2965, p. 209–234, 2004.
- [26] Dhaval K. Patel, S.K. Shah, and Minesh P. Thaker, "Performance Analysis of Reactive Routing Protocols with OSPF for IEEE 802.11s Wireless Mesh Network," vol. 70, p. 276–280, 2010.
- [27] E. Talipov and et. al., "Path Hopping Based on Reverse AODV for Security," *APNOMS*, p. 574 – 577, 2006.
- [28] E. C. Perkins and et. al., "draft-ietf-manet-aodv-13," *Mobile Ad hoc Networking Working Group*, 2003.
- [29] Haseeb Zafar, Nancy Alhamahmy, David Harle, and Van Andonovic, "Survey of Reactive and Hybrid Routing Protocols for Mobile Ad Hoc Networks," *International Journal of Communication Networks and Information Security (IJCNIS)*, vol. 3, no. 3, pp. 193-216, December 2011.
- [30] Rakesh kumar, Siddharth Kumar, Sumit Pratap Pradhan, and Varun Yadav, "Modified Route-Maintenance in AODV Routing Protocol Using Static Nodes in Realistic Mobility Model," in *Proceedings of the 5th National Conference INDIACom-2011*, New Delhi, 2011.

- [31] Jonathan Ledy, Anne Marie Poussard, Benoît Hilt, and Hervé Boeglen, "AODV enhancements in a realistic VANET context," in *Wireless Communications in Unusual and Confined Areas (ICWCUCA)*, 2012 International Conference on , Clermont Ferrand , 2012, pp. 1-5.
- [32] D.D. Couto, D. Aguayo, J. Bicket, and R.Moris, "High Throughput Path Metric for Multi-hop Wireless Routing," in *Proc. of the 9th Annual Int. Conf. on Mobile Computing and Networking*, San Diego, 2003, p. 134–146.
- [33] Wibisono I.B.A.I.I.a.W, "PEMILIHAN NODE TETANGGA YANG HANDAL DENGAN MEMPERHITUNGGAN SIGNAL STRENGTH DAN LINK QUALITY PADA ZONE ROUTING PROTOCOL DI LINGKUNGAN MANET," *Jurnal ilmiah Ilmu Komputer Universitas Udayana*, vol. 6, no. 2, pp. 35-48, 2013.
- [34] Pankaj Rohal R.D.P.D., "Study and Analysis of Throughput, Delay and Packet Delivery Ratio in MANET for Topology Based Routing Protocols (AODV, DSR and DSDV)," *INTERNATIONAL JOURNAL FOR ADVANCE RESEARCH INENGINEERING AND TECHNOLOGY(IJARET)*, vol. 1, no. 2, 2013.
- [35] Eltahir and Ibrahim Khider, "The Impact of Different Radio Propagation Models for Mobile Ad hoc NETWORKS (MANET) in Urban Area Environment," in *The 2nd International Conference on Wireless Broadband and Ultra Wideband Communications (AusWireless 2007)*, Sydney, NSW, 2007, p. 30.
- [36] Tom Henderson. (2011, november) Radio Propagation Models. [Online]. <http://www.isi.edu/nsnam/ns/doc/node220.html>
- [37] Sung-Ju Lee and Mario Gerla, "AODV-BR: Backup Routing in Ad hoc Networks," *IEEE*, pp. 1311-1316, 2000.