

REFERENCES

- [1] “IEEE 802.11ax: The Sixth Generation of Wi-Fi White Paper,” 2019. [Online]. Available: <https://api.semanticscholar.org/CorpusID:215542374>
- [2] E. Aboelela, *Network Simulation Experiments Manual*, 5th ed. in The Morgan Kaufmann Series in Networking. Morgan Kaufmann; 3rd edition, 2011.
- [3] K. Akkaya and M. Younis, “A survey on routing protocols for wireless sensor networks,” *Ad Hoc Networks*, vol. 3, no. 3, pp. 325–349, 2005, doi: <https://doi.org/10.1016/j.adhoc.2003.09.010>.
- [4] M. Z. Ali, J. Mišić, and V. Misić, “Impact of hidden nodes on uplink transmission in IEEE 802.11ax heterogeneous network,” 2018. doi: [10.1109/IWCMC.2018.8450365](https://doi.org/10.1109/IWCMC.2018.8450365).
- [5] R. K. Annan, R. O. Amoako, and J. T. Agyepong, “Comparative Analysis of the Re-Convergence Ability of RIP, OSPF and EIGRP Routing Protocols,” *Int. J. Innov. Res. Dev.*, vol. 7, no. 7, pp. 197–202, 2018, doi: [10.24940/ijird/2018/v7/i7/jul18072](https://doi.org/10.24940/ijird/2018/v7/i7/jul18072).
- [6] K. Atefi, A. H. Shahin, S. Yahya, and A. Erfanian, “Performance evaluation of RIP and EIGRP Routing Protocols in IEEE 802.3u standard,” *2016 3rd Int. Conf. Comput. Inf. Sci.*, pp. 209–214, 2016, [Online]. Available: <https://api.semanticscholar.org/CorpusID:19010943>
- [7] V. Bahl, “Performance Issues and Evaluation considerations of web traffic for RIP & OSPF Dynamic Routing Protocols for Hybrid Networks Using OPNET,” 2012. [Online]. Available: <https://api.semanticscholar.org/CorpusID:212503270>
- [8] B. Bhushan and G. Sahoo, “Recent Advances in Attacks, Technical Challenges, Vulnerabilities and Their Countermeasures in Wireless Sensor Networks,” *Wirel. Pers. Commun.*, vol. 98, no. 2, pp. 2037–2077, 2018, doi: [10.1007/s11277-017-4962-0](https://doi.org/10.1007/s11277-017-4962-0).
- [9] A. G. Biradar, “A Comparative Study on Routing Protocols: RIP, OSPF and EIGRP and Their Analysis Using GNS-3,” in *2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE)*, 2020, pp. 1–5. doi: [10.1109/ICRAIE51050.2020.9358327](https://doi.org/10.1109/ICRAIE51050.2020.9358327).
- [10] F. Cañellas *et al.*, “Demo: 5G NR, Wi-Fi and LiFi multi-connectivity for Industry 4.0,” in *IEEE INFOCOM 2023 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS)*, 2023, pp. 1–3. doi: [10.1109/INFOCOMWKSHPS57453.2023.10225854](https://doi.org/10.1109/INFOCOMWKSHPS57453.2023.10225854).
- [11] A. Conta and S. E. Deering, “Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6),” *RFC*, vol. 4443, pp. 1–24, 1995, [Online]. Available: <https://api.semanticscholar.org/CorpusID:2843142>
- [12] A. Conta and S. E. Deering, “Generic Packet Tunneling in IPv6 Specification,” *RFC*, vol. 2473, pp. 1–36, 1998, [Online]. Available: <https://api.semanticscholar.org/CorpusID:41730712>
- [13] M. Crawford, “Transmission of IPv6 Packets over FDDI Networks,” *RFC*, vol. 2467, pp. 1–9, 1998, [Online]. Available: <https://api.semanticscholar.org/CorpusID:36196346>

- [14] R. Dai, D. Mookherjee, K. Munshi, and X. Zhang, "Community Networks and the Growth of Private Enterprise in China," 2018. [Online]. Available: <https://api.semanticscholar.org/CorpusID:52254343>
- [15] I. De Telecomunicaciones and O. P. Sarmiento, "Polanco-Sarmiento, Oscar NS3-based training system for learning RIPng for IPv6 Ingeniería NS3-based training system for learning RIPng for IPv6 Sistema didáctico basado en NS-3 para el aprendizaje de RIPng para IPv6," *Ing. y Compet.*, vol. 19, no. 1, pp. 175–183, 2017.
- [16] S. E. Deering and R. M. Hinden, "Internet Protocol, Version 6 (IPv6) Specification," *RFC*, vol. 2460, pp. 1–39, 1995, [Online]. Available: <https://api.semanticscholar.org/CorpusID:5787580>
- [17] C. DeSanti, C. W. Carlson, and R. Nixon, "Transmission of IPv6, IPv4, and Address Resolution Protocol (ARP) Packets over Fibre Channel," *RFC*, vol. 4338, pp. 1–33, 2006, [Online]. Available: <https://api.semanticscholar.org/CorpusID:10914792>
- [18] Douglas E. Comer, *Internetworking with TCP/IP Volume One*, 6th ed. Pearson; 6th edition, 2013.
- [19] Z. Gródek-Szostak, M. Suder, R. Kusa, J. Sikora, and M. Niemiec, "Effectiveness of Instruments Supporting Inter-Organizational Cooperation in the RES Market in Europe. Case Study of Enterprise Europe Network," *Energies*, 2020, [Online]. Available: <https://api.semanticscholar.org/CorpusID:230630226>
- [20] H.-R. Guo, T. Tang, and D. Wu, "The Research of Private Network Secure Interconnection Scheme in Large-Scaled Enterprises," in *International Conference on Genetic and Evolutionary Computing*, 2014. [Online]. Available: <https://api.semanticscholar.org/CorpusID:42235960>
- [21] F. Heriyanto, "Perbandingan Internet Protocol Versi 4 Dan Versi 6," *Fak. Ilmu Komputer, Univ. Sriwij.*, vol. 6, 2010.
- [22] M. Islam, M. A. Riaz, and M. Tarique, "Performance Analysis of the Routing Protocols for Video Streaming Over Mobile Ad Hoc Networks," *Int. J. Comput. Networks Commun.*, vol. 4, May 2012, doi: 10.5121/ijcnc.2012.4310.
- [23] R. S. Kevin Fall, *TCP/IP Illustrated, Volume 1: The Protocols: The Protocols v. 1 (Addison-Wesley Professional Computing, 2nd Editio.*, vol. 1. Addison-Wesley Professional, 2011.
- [24] E. M. Khorov, A. Kiryanov, A. I. Lyakhov, and G. Bianchi, "A Tutorial on IEEE 802.11ax High Efficiency WLANs," *IEEE Commun. Surv. & Tutorials*, vol. 21, pp. 197–216, 2019, [Online]. Available: <https://api.semanticscholar.org/CorpusID:67867677>
- [25] M. Loukola and J. Skyttä, "Hop-by-hop option based flow-handling compared to other IP over ATM protocols," in *Image Processing, Image Quality, Image Capture Systems Conference*, 1998. [Online]. Available: <https://api.semanticscholar.org/CorpusID:45861590>
- [26] M. Loukola and J. Skyttä, "IPv6 over ATM flow-handling," *1998 1st IEEE Int. Conf. ATM. ICATM'98*, pp. 439–446, 1998, [Online]. Available: <https://api.semanticscholar.org/CorpusID:41062024>

- [27] L. Lukman, E. I. Saputra, H. Pambudi, D. N. Saputra, and A. A. Putra, "Analisis Waktu Konvergensi Routing Protokol Eigrp Dan Ospf," *Respati*, vol. 14, no. 1, pp. 25–33, 2019, doi: 10.35842/jtir.v14i1.267.
- [28] S. U. Masruroh, M. F. Furtami, A. Fiade, A. T. Muharram, H. B. Suseno, and S. Aripriyanto, "Performance Evaluation of Routing Protocol RIPng And OSPFv3 On IPv6 Using FHRP Protocol," in *2022 10th International Conference on Cyber and IT Service Management (CITSM)*, 2022, pp. 1–6. doi: 10.1109/CITSM56380.2022.9935989.
- [29] S. Masruroh, F. Robby, and N. Hakiem, *Performance evaluation of routing protocols RIPng, OSPFv3, and EIGRP in an IPv6 network*. 2016. doi: 10.1109/IAC.2016.7905699.
- [30] A. V. Octaviani, "Pengukuran dan analisa waktu konvergensi protokol routing eksternal Border Gateway Protocol (BGP) menggunakan GNS3," 2015. [Online]. Available: <https://api.semanticscholar.org/CorpusID:168443230>
- [31] L. L. Peterson and B. S. Davie, *Computer Networks: A Systems Approach*, 5th ed. Morgan Kaufmann, 2011.
- [32] Q. Qu *et al.*, "Survey and Performance Evaluation of the Upcoming Next Generation WLANs Standard - IEEE 802.11ax," *Mob. Networks Appl.*, vol. 24, no. 5, pp. 1461–1474, 2019, doi: 10.1007/s11036-019-01277-9.
- [33] T. Sachinidis, A. C. Politis, and C. S. Hilas, "To Split or not to Split? A Simulation Study on the Network Convergence Duration of Multi-Area OSPF," in *2023 46th International Conference on Telecommunications and Signal Processing (TSP)*, 2023, pp. 115–118. doi: 10.1109/TSP59544.2023.10197672.
- [34] R. Saeed, S. Qureshi, M. U. Farooq, and M. Zeeshan, "SDN/NFV Enabled Security for an Enterprise Network using Commodity Hardware," in *2022 International Conference on Computing, Electronics & Communications Engineering (iCCECE)*, 2022, pp. 25–30. doi: 10.1109/iCCECE55162.2022.9875076.
- [35] T. Sembiring, "Peraturan Menteri Komunikasi dan Informatika No. 13 Tahun 2014 tentang Kebijakan Roadmap Penerapan IPv6," pp. 1–39, 2014.
- [36] A. Setiawan and N. Sevani, "PERBANDINGAN QUALITY OF SERVICE ANTARA ROUTING INFORMATION PROTOCOL (RIP) DENGAN OPEN SHORTEST PATH FIRST (OSPF)," 2012. [Online]. Available: <https://api.semanticscholar.org/CorpusID:67284888>
- [37] I. Society, "Internet Society Impact Report: Staying Connected in a Changing World," pp. 10–12, 2021.
- [38] R. Stevens and K. Fall, *TCP/IP Illustrated: The Protocols*, 2nd ed. Addison-Wesley Professional, 2011.
- [39] M. Ulfa, "Perbandingan Ipv4 Dan Ipv6 Dalam Membangun Jaringan Local Area Network (Lan)," *J. Ilm. Matrik*, no. 3, pp. 221–234, 2014.

- [40] S. Vincent, J. Montavont, and N. Montavont, "Implementation of an IPv6 Stack for NS-3," in *VALUETOOLS 2008 - 3rd International Conference on Performance Evaluation Methodologies and Tools*, ICST, 2008. doi: 10.4108/ICST.VALUETOOLS2008.4374.
- [41] K. Wehrle, M. Günes, and J. Gross, *Modeling and Tools for Network Simulation*. 2010. doi: 10.1007/978-3-642-12331-3.
- [42] S. Yang and Z. Z. Yong, "RIP Internet Protocol Failure Analysis and Research," in *2012 International Conference on Industrial Control and Electronics Engineering*, 2012, pp. 1221–1224. doi: 10.1109/ICICEE.2012.324.
- [43] H. Yuan *et al.*, "Design and Implementation of Enterprise Network Security System Based on Firewall BT - Cyber Security Intelligence and Analytics," Z. Xu, K.-K. R. Choo, A. Dehghantanha, R. Parizi, and M. Hammoudeh, Eds., Cham: Springer International Publishing, 2020, pp. 1070–1078.
- [44] J. P. Timme, "Konzeption und Umsetzung eines IPv6-VPN für die Abteilung Informatik," 2018. [Online]. Available: <https://api.semanticscholar.org/CorpusID:203512818>
- [45] J. De Clercq, D. Ooms, M. Carugi, and F. Le Faucheur, "BGP-MPLS IP Virtual Private Network (VPN) Extension for IPv6 VPN," *RFC*, vol. 4659, pp. 1–18, 2006, [Online]. Available: <https://api.semanticscholar.org/CorpusID:40366319>
- [46] "IPv6 VPN over MPLS," 2011. [Online]. Available: <https://api.semanticscholar.org/CorpusID:198971802>