

## DAFTAR PUSTAKA

- [1] S. Al-Janabi, I. Al-Shourbaji, M. Shojafar, and S. Shamshirband, “Survey of main challenges (security and privacy) in wireless body area networks for healthcare applications,” *Egypt. Informatics J.*, vol. 18, no. 2, pp. 113–122, 2017, doi: 10.1016/j.eij.2016.11.001.
- [2] T. Hayajneh, G. Almashaqbeh, S. Ullah, and A. V. Vasilakos, *A survey of wireless technologies coexistence in WBAN: analysis and open research issues*, vol. 20, no. 8. 2014.
- [3] P. Barsocchi and F. Potortì, “Wireless Body Area Networks,” *Wearable Sensors Fundam. Implement. Appl.*, vol. 16, no. 3, pp. 493–516, 2014, doi: 10.1016/B978-0-12-418662-0.00012-X.
- [4] M. R. Ghori, T. C. Wan, and G. C. Sodhy, “Bluetooth low energy mesh networks: Survey of communication and security protocols,” *Sensors (Switzerland)*, vol. 20, no. 12, pp. 1–35, 2020, doi: 10.3390/s20123590.
- [5] C. Jung, K. Kim, J. Seo, B. N. Silva, and K. Han, “Topology Configuration and Multihop Routing Protocol for Bluetooth Low Energy Networks,” *IEEE Access*, vol. 5, pp. 9587–9598, 2017, doi: 10.1109/ACCESS.2017.2707556.
- [6] M. E. Garbelini, C. Wang, S. Chattopadhyay, S. Sun, and E. Kurniawan, “SweynTooth: Unleashing mayhem over bluetooth low energy,” *Proc. 2020 USENIX Annu. Tech. Conf. ATC 2020*, pp. 911–925, 2020.
- [7] L. L. Control, “Link Layer State Machine for BLE Devices using Stateflow - MATLAB & Simulink - MathWorks España,” no. Ll, pp. 1–9, [Online]. Available: <https://es.mathworks.com/help/comm/ug/link-layer-state-machine-for-ble-devices-using-stateflow.html>.
- [8] R. N. Sidik and A. S. Budi, “Implementasi Discovery Protocol pada Smart Home Menggunakan Media Komunikasi Bluetooth Low Energy,” vol. 5, no. 4, pp. 1513–1519, 2021.
- [9] M. Baert, J. Rossey, A. Shahid, and J. Hoebeke, “The bluetooth mesh standard: An overview and experimental evaluation,” *Sensors (Switzerland)*, vol. 18, no. 8, 2018, doi: 10.3390/s18082409.
- [10] D. Hortelano, T. Olivares, and M. C. Ruiz, “Providing interoperability in Bluetooth mesh with an improved Provisioning protocol,” *Wirel. Networks*, vol. 27, no. 2, pp. 1011–1033, 2021, doi: 10.1007/s11276-020-02498-7.
- [11] M. Wolley, “Bluetooth mesh networking,” *Ericsson*, no. July, pp. 1–13, 2017.
- [12] “Bluetooth low energy (BLE) Mesh Sistem Architecture. Picture,” 2020. <https://bluetooth.com> (accessed Nov. 16, 2020).

- [13] S. C. Satam, “Bluetooth Anomaly-Based Intrusion Detection Sistem In the Graduate College,” 2017.
- [14] D. Browning and G. C. Kessler, “Bluetooth Hacking: A Case Study Dennis Browning,” 2012.
- [15] M. Panda, A. Abraham, S. Das, and M. R. Patra, “Network intrusion detection sistem: A machine learning approach,” *Intell. Decis. Technol.*, vol. 5, no. 4, pp. 347–356, 2011, doi: 10.3233/IDT-2011-0117.
- [16] Z. Q. Wang and D. K. Zhang, “HIDS and NIDS Hybrid Intrusion Detection Sistem Model Design,” *Adv. Eng. Forum*, vol. 6–7, pp. 991–994, 2012, doi: 10.4028/www.scientific.net/aef.6-7.991.
- [17] M. Uddin, R. Alsaqour, and M. Abdelhaq, “Intrusion detection sistem to detect DDoS attack in gnutella hybrid P2P network,” *Indian J. Sci. Technol.*, vol. 6, no. 2, pp. 71–83, 2013, doi: 10.17485/ijst/2013/v6i2.11.
- [18] S. Alviana and I. D. Sumitra, “Analisis Pengukuran Penggunaan Sumber Daya Komputer Pada Intrusion Detection Sistem Dalam Meminimalkan Serangan Jaringan,” *Komputa J. Ilm. Komput. dan Inform.*, vol. 7, no. 1, pp. 27–34, 2018, doi: 10.34010/komputa.v7i1.2533.
- [19] B. Subba, S. Biswas, and S. Karmakar, “Enhancing effectiveness of intrusion detection systems: A hybrid approach,” *2016 IEEE Int. Conf. Adv. Networks Telecommun. Syst. ANTS 2016*, 2017, doi: 10.1109/ANTS.2016.7947777.
- [20] M. Krzysztoń and M. Marks, “Simulation of watchdog placement for cooperative anomaly detection in Bluetooth Mesh Intrusion Detection Sistem,” *Simul. Model. Pract. Theory*, vol. 101, no. July 2019, p. 102041, 2020, doi: 10.1016/j.simpat.2019.102041.
- [21] B. B. Zarpelão, R. S. Miani, C. T. Kawakani, and S. C. de Alvarenga, “A survey of intrusion detection in Internet of Things,” *J. Netw. Comput. Appl.*, vol. 84, pp. 25–37, 2017, doi: 10.1016/j.jnca.2017.02.009.
- [22] J. Hortelano, J. C. Ruiz, and P. Manzoni, “Evaluating the usefulness of watchdogs for intrusion detection in VANETs,” *2010 IEEE Int. Conf. Commun. Work. ICC 2010*, 2010, doi: 10.1109/ICCW.2010.5503946.
- [23] M. Ghozali, A. Murti, R. Nindiyasari, W. Sugiharto, and M. Hakim, “Quality Analysis Of Service (QOS) to Measuring Quality Topology Network Computer-Based National Exam (UBNK),” pp. 1–8, 2019, doi: 10.4108/eai.24-10-2018.2280551.
- [24] W. Sugeng, J. E. Istiyanto, K. Mustofa, and A. Ashari, “The Impact of QoS Changes towards Network Performance,” *Int. J. Comput. Networks Commun. Secur.*, vol. 3, no. 2, pp. 48–53, 2015.
- [25] M. E. Garbelini, S. Chattopadhyay, and C. Wang, “SweynTooth :

Unleashing Mayhem over Bluetooth Low Energy LL Encryption procedure  
Link *Layer* encrypted Keys distribution procedure,” 2020.