

BIBLIOGRAPHY

- [1] A. R. Biswas and R. Giaffreda, "Iot and cloud convergence: Opportunities and challenges," in *2014 IEEE World Forum on Internet of Things (WF-IoT)*, March 2014, pp. 375–376.
- [2] K. V. S. S. S. S. Sairam, N. Gunasekaran, and S. R. Redd, "Bluetooth in wireless communication," *IEEE Communications Magazine*, vol. 40, no. 6, pp. 90–96, June 2002.
- [3] C. Gomez, J. Oller, and J. Paradells, "Overview and evaluation of bluetooth low energy: An emerging low-power wireless technology," *Sensors*, vol. 12, no. 9, p. 11734–11753, Aug 2012. [Online]. Available: <http://dx.doi.org/10.3390/s120911734>
- [4] M. Afaneh. Ellisys bluetooth video 7: Security part 1. Youtube. [Online]. Available: <https://www.youtube.com/watch?v=ZpOmzx-pyns&list=PLUEGP13937J3-xTpMMtlyKLUXZ-jpcQ7t&index=10&t=311s>
- [5] Udacity. Token based authentication. Youtube. [Online]. Available: <https://www.youtube.com/watch?v=woNZJMSNbuo>
- [6] J. H. Granbery, "Systems and methods for reusing generic tokens using bluetooth® low energy (ble) beacons," May 2 2017, uS Patent 9,642,173.
- [7] A. Siswanto, A. Syukur, E. Abdul Kadir, and Suratin, "Network traffic monitoring and analysis using packet sniffer," 04 2019.
- [8] K. E. Jeon, J. She, P. Soonsawad, and P. C. Ng, "Ble beacons for internet of things applications: Survey, challenges, and opportunities," *IEEE Internet of Things Journal*, vol. 5, no. 2, pp. 811–828, April 2018.
- [9] T. Melamed, "An active man-in-the-middle attack on bluetooth smart devices," *International Journal of Safety and Security Engineering*, vol. 8, pp. 200–211, 02 2018.
- [10] G. Kwon, J. Kim, J. Noh, and S. Cho, "Bluetooth low energy security vulnerability and improvement method," in *2016 IEEE International Conference on Consumer Electronics-Asia (ICCE-Asia)*, Oct 2016, pp. 1–4.

- [11] Q. F. Hassan, *Introduction to the Internet of Things*. IEEE, 2018. [Online]. Available: <https://ieeexplore.ieee.org/document/8390728>
- [12] S. Sevier and A. Tekeoglu, “Analyzing the security of bluetooth low energy,” in *2019 International Conference on Electronics, Information, and Communication (ICEIC)*, Jan 2019, pp. 1–5.
- [13] V. Tsira and G. Nandi, “Bluetooth technology: Security issues and its prevention,” *International Journal of Computer Technology & Applications*, vol. 5, p. 1833, 10 2014.
- [14] M. Sauter, *Bluetooth*. Wiley, 2014, pp. 381–425. [Online]. Available: <https://ieeexplore.ieee.org/document/8042642>
- [15] N. Kajikawa, Y. Minami, E. Kohno, and Y. Kakuda, “On availability and energy consumption of the fast connection establishment method by using bluetooth classic and bluetooth low energy,” in *2016 Fourth International Symposium on Computing and Networking (CANDAR)*, Nov 2016, pp. 286–290.
- [16] Chenhao Liu, Peng Zhao, Kaigui Bian, Tong Zhao, and Yan Wei, “The detection of physical attacks against ibeacon transmitters,” in *2016 IEEE/ACM 24th International Symposium on Quality of Service (IWQoS)*, June 2016, pp. 1–10.
- [17] A. Belapurkar, A. Chakrabarti, H. Ponnappalli, N. Varadarajan, S. Padmanabhuni, and S. Sundarrajan, *Common Security Issues and Technologies*. Wiley, 2008. [Online]. Available: <https://ieeexplore.ieee.org/document/8043176>
- [18] M. Bellare, J. Kilian, and P. Rogaway, “The security of the cipher block chaining message authentication code,” *Journal of Computer and System Sciences*, vol. 61, pp. 362–399, 12 2000.
- [19] A. Habib, “Analysis of various wireless network packet-sniffing tools for network monitoring and analysis,” 04 2017.
- [20] S. Sevier and A. Tekeoglu, “Analyzing the security of bluetooth low energy,” in *2019 International Conference on Electronics, Information, and Communication (ICEIC)*, Jan 2019, pp. 1–5.
- [21] M. Fezari and A. Al Dahoud, “Integrated development environment ”ide” for arduino,” 10 2018.

- [22] “greatscottgadgets/ubertooth,” Jun 2013 (accessed September 22, 2020). [Online]. Available: <https://github.com/greatscottgadgets/ubertooth/wiki/Build-Guide>
- [23] Tsbmail, “Itu-t rec. g.1010.” [Online]. Available: <https://www.itu.int/rec/T-REC-G.1010/en>