

## REFERENCES

- Anusha, M., Babu, E., Reddy, L. M., Krishna, A., and Bhagyasree, B. (2017). Performance analysis of data protocols of internet of things: a qualitative review. *International Journal of Pure and Applied Mathematics*, 115(6):37–47.
- Chaudhary, A., Peddoju, S. K., and Kadarla, K. (2017). Study of internet-of-things messaging protocols used for exchanging data with external sources. In *2017 IEEE 14th International Conference on Mobile AdHoc and Sensor Systems (MASS)*, pages 666–671. IEEE.
- Das, M. K. and Ari, S. (2014). Ecg beats classification using mixture of features. *International scholarly research notices*, 2014.
- Hong, X. J., Yang, H. S., and Kim, Y. H. (2018). Performance analysis of restful api and rabbitmq for microservice web application. In *2018 International Conference on Information and Communication Technology Convergence (ICTC)*, pages 257–259. IEEE.
- Imane, S., Tomader, M., and Nabil, H. (2018). Comparison between coap and mqtt in smart healthcare and some threats. In *2018 International Symposium on Advanced Electrical and Communication Technologies (ISAECT)*, pages 1–4. IEEE.
- Jaikar, S. P. and Iyer, K. R. A survey of messaging protocols for iot systems.
- Kim, S.-M., Choi, H.-S., and Rhee, W.-S. (2015). Iot home gateway for auto-configuration and management of mqtt devices. In *2015 IEEE Conference on Wireless Sensors (ICWiSe)*, pages 12–17. IEEE.
- Kodali, R. K. and Gorantla, V. S. K. (2017). Weather tracking system using mqtt and sqlite. In *2017 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)*, pages 205–208. IEEE.
- Lee, H.-s., Lee, J.-g., Lee, J.-p., Yoon, K.-s., Kwon, W.-c., and Lee, J.-k. (2018). Amqp based subscription group message delivery system design for laboratory safety system. In *International Conference on Green and Human Information Technology*, pages 1–9. Springer.
- Naik, N. (2017). Choice of effective messaging protocols for iot systems: Mqtt, coap, amqp and http. In *2017 IEEE international systems engineering symposium (ISSE)*, pages 1–7. IEEE.
- Pereira, E., Pinto, R., Reis, J., and Gonçalves, G. (2019). Mqtt-rd: A mqtt based resource discovery for machine to machine communication.
- Perrone, G., Vecchio, M., Pecori, R., and Giaffreda, R. (2017). The day after mirai: A survey on mqtt security solutions after the largest cyberattack carried out through an army of iot devices. In *IoT BDS*, pages 246–253.

- Pohl, M., Kubela, J., Bosse, S., and Turowski, K. (2018). Performance evaluation of application layer protocols for the internet-of-things. In 2018 Sixth International Conference on Enterprise Systems (ES), pages 180–187. IEEE.
- Sarierao, B. S. and Prakasarao, A. (2018). Smart healthcare monitoring system using mqtt protocol. In 2018 3rd International Conference for Convergence in Technology (I2CT), pages 1–5. IEEE.
- Terry, N. P. and Francis, L. P. (2007). Ensuring the privacy and confidentiality of electronic health records. *U. Ill. L. Rev.*, page 681.
- van der Westhuizen, H. W. and Hancke, G. P. (2018). Comparison between coap and mqtt-server to business system level. In 2018 Wireless Advanced (WiAd), pages 1–5. IEEE.
- Yi, D., Binwen, F., Xiaoming, K., and Qianqian, M. (2016). Design and implementation of mobile health monitoring system based on mqtt protocol. In 2016 IEEE Advanced Information Management, Communication, Electronic and Automation Control Conference (IM-CEC), pages 1679–1682. IEEE.