## References

- [1] "mqtt.org," [Online].
- [2] "mqtt version 5.0," [Online]. Available: https://docs.oasis-open.org/mqtt/mqtt/v5.0/mqtt-v5.0.html.
- [3] K. C. a. W. S.Shin, "A Security Framework for MQTT," in 2016 IEEE Conference on Communications and Network Security (CNS), Philadelphia, PA, USA, 2016.
- [4] M. Calabretta, R. Pecori and L. Veltri, "A Token-based Protocol for Securing MQTT Communications," in 2018 26th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), Split, Croatia, 2018.
- [5] K. K. SeongHan Shin, "Efficient Augmented Password-Only Authentication and Key Exchange for IKEv2 RFC 6628," *Internet Engineering Task Force (IETF) RFC 6628,* 2012.
- [6] J. Schmidt, "Requirements for Password-Authenticated Key Agreement (PAKE) Schemes," RFC 8125, 2017. [Online]. Available: https://datatracker.ietf.org/doc/rfc8125/.
- [7] I. E. R. T. Dierks, "The Transport Layer Security (TLS) Protocol RFC 5246," *Internet Engineering Task Force (IETF) RFC 5246*, 2008.
- [8] D. Cooper, S. Santesson, S. Farrell, S. Boeyen, R. Housley and R. Housley, "Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile," *RFC 5280*, 2008.
- [9] S. Santesson, M. Myers, R. Ankney, A. Malpani, S. Galperin and C. Adams, "X.509 Internet Public Key Infrastructure Online Certificate Status Protocol OCSP," *RCF 6960*, 2013.
- [10] O. Sadio, I. Ngom and C. Lishou, "Lightweight Security Scheme for MQTT/MQTT-SN Protocol," in 2019 Sixth International Conference on Internet of Things: Systems, Management and Security (IOTSMS), Granada, Spain, 2019.
- [11] B. H. C, V. J, S. J. T. J and S. D. S, "Diverse Malicious Attacks and security Analysis on MQTT protocol in IoT," *Journal of Xi'an University of Architecture & Technology,* vol. XII, no. IV, 2020.
- [12] E. B. Sanjuan, I. A. Cardiel, J. A. Cerrada and C. Cerrada, "Message Queuing Telemetry Transport (MQTT) Security: A Cryptographic Smart Card Approach," *IEEE Access (Volume: 8)*, vol. 8, pp. 115051 115062, 2020.
- [13] S. Andy, B. Rahardjo and B. Hanindhito, "Attack scenarios and security analysis of MQTT communication protocol in IoT system," in 2017 4th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI), Yogyakarta, Indonesia, 2017.