

Daftar Pustaka

- [1] AHMED, A. S. An evaluation of security protocols on wireless sensor network. In *TKK T-110.5190 Seminar on Internetworking* (2009).
- [2] ALKHURAYYIF, Y. Security in wireless sensor network. *International Journal of Computing Science and Information Technology* 1, 3 (7 2013), 10–17.
- [3] ASOKAN, N., NIEMI, V., AND NYBERG, K. Man-in-the-middle in tunnelled authentication protocols. In *International Workshop on Security Protocols* (2003), Springer, pp. 28–41.
- [4] DARGIE, W., AND POELLABAUER, C. *Fundamentals of wireless sensor networks: theory and practice*. John Wiley & Sons, 2010.
- [5] DEEPAKUMARA, J., HEYS, H. M., AND VENKATESAN, R. Performance comparison of message authentication code (mac) algorithms for internet protocol security (ipsec). In *Proc. Newfoundland Electrical and Computer Engineering Conf* (2003).
- [6] DENER, D. Optimum packet length over data transmission for wireless sensor networks. In *Proceedings of the 8th International Conference on Sensing Technology* (2014), pp. 52–56.
- [7] DENIS, T. S. Libtomcrypt. *available online at libtom.org* (2004).
- [8] DODIS, Y., RISTENPART, T., STEINBERGER, J., AND TESSARO, S. To hash or not to hash, again. *On the Indifferentiability of the Second Iterate and HMAC* (2012).
- [9] GONG, Z., HARTEL, P., NIKOVA, S., AND ZHU, B. Towards secure and practical macs for body sensor networks. In *International Conference on Cryptology in India* (2009), Springer, pp. 182–198.
- [10] GUO, J., SASAKI, Y., WANG, L., WANG, M., AND WEN, L. Equivalent key recovery attacks against hmac and nmac with whirlpool reduced to 7 rounds. In *International Workshop on Fast Software Encryption* (2014), Springer, pp. 571–590.

- [11] GUPTA, G. S., AND MUKHOPDHYAY, S. C. *Smart Sensors and Sensing Technology*. Springer, 2008.
- [12] HU, F., AND CAO, X. *Wireless sensor networks: principles and practice*. CRC Press, 2010.
- [13] HU, F., ZIOBRO, J., TILLET, J., AND SHARMA, N. K. Secure wireless sensor networks: Problems and solutions. *Rochester Institute of Technology, Rochester, New York, USA* (2004).
- [14] JORSTAD, N. D., AND LANDGRAVE, T. Cryptographic algorithm metrics. In *20th National Information Systems Security Conference* (1997).
- [15] LÓPEZ, J., AND ZHOU, J. *Wireless sensor network security*, vol. 1. Ios Press, 2008.
- [16] LUK, M., MEZZOUR, G., PERRIG, A., AND GLIGOR, V. Minisec: a secure sensor network communication architecture. In *Proceedings of the 6th international conference on Information processing in sensor networks* (2007), ACM, pp. 479–488.
- [17] MUHAMMAD, A. Implementation and verification of skipjack algorithm using verilog.
- [18] PERRIG, A., SZEWCZYK, R., TYGAR, J. D., WEN, V., AND CULLER, D. E. Spins: Security protocols for sensor networks. *Wireless networks* 8, 5 (2002), 521–534.
- [19] PRICOP, E., AND STAMATESCU, G. *Recent Advances in Systems Safety and Security*, vol. 62. Springer, 2016.
- [20] RIVEST, R. L. The rc5 encryption algorithm. In *International Workshop on Fast Software Encryption* (1994), Springer, pp. 86–96.
- [21] ROGAWAY, P., BELLARE, M., AND BLACK, J. Ocb: A block-cipher mode of operation for efficient authenticated encryption. *ACM Transactions on Information and System Security (TISSEC)* 6, 3 (2003), 365–403.
- [22] SBRUSCH, R. *Authenticated messaging in wireless sensor networks used for surveillance*. ProQuest, 2008.
- [23] SEN, J. *Routing security issues in wireless sensor networks: attacks and defenses*. INTECH Open Access Publisher, 2010.

- [24] SHAH, V., AND SHARMA, S. Evaluation of encryption method of snep for implementing security in wireless sensor network using spins framework. *International Journal of Grid and Distributed Computing* 7, 5 (2014), 43–52.
- [25] SHARMA, R., CHABA, Y., AND SINGH, Y. Analysis of security protocols in wireless sensor network. *International journal of advanced networking and applications* 2, 3 (2010), 707–713.
- [26] STAVROULAKIS, P., AND STAMP, M. *Handbook of information and communication security*. Springer Science & Business Media, 2010.
- [27] SUMATHY, S., AND KUMAR, B. U. Secure key exchange and encryption mechanism for group communication in wireless ad hoc networks. *arXiv preprint arXiv:1003.3564* (2010).