













- [6] J. Lee, D.R. Stinson, "Deterministic Key Predistribution Schemes for Distributed Sensor Networks," Proceedings of SAC 2004, Lecture Notes in Computer Science, Vol 3357. Springer, Berlin, Heidelberg.
- [7] S. Zhu, S. Setia, S. Jajodia, "LEAP+: efficient security mechanisms for large-scale distributed sensor networks," ACM Transactions on Sensor Networks 2(4), 2006, pp. 500-528.
- [8] S. A. Camtepe and B. Yener, "Combinatorial Design of Key Distribution Mechanisms for Wireless Sensor Networks," in IEEE/ACM Transactions on Networking, Vol. 15, No. 2, April 2007, pp. 346-358.
- [9] A. A. Abbasi and M. Younis "A survey on clustering algorithms for wireless sensor networks," Computer Communications, Volume 30, Issues 14-15, 15 October 2007, pp. 2826-2841.
- [10] A.C. Ferreira et al., "On the Security of Cluster-Based Communication Protocols for Wireless Sensor Networks," In: Lorenz P., Dini P. (eds) Networking - ICN 2005. Lecture Notes in Computer Science, vol 3420. Springer, Berlin, Heidelberg.
- [11] W.R. Heinzelman, A. Chandrakasan, H. Balakrishnan, "Energy-efficient communication protocol for wireless microsensor networks," IEEE Hawaii Int. Conf. on System Sciences, 2000, pp. 4-7.
- [12] R. Azarderakhsh, A. Reyhani-Masoleh and Z. Abid, "A Key Management Scheme for Cluster Based Wireless Sensor Networks," 2008 IEEE/IFIP International Conference on Embedded and Ubiquitous Computing, Shanghai, pp. 222-227.
- [13] Jia Hu, Enjian Bai and Yang Yang, "A novel key management scheme for hierarchical wireless sensor networks," 2010 IEEE 12th International Conference on Communication Technology, Nanjing, 2010, pp. 526-529.
- [14] H. Lu, J. Li and M. Guizani, "Secure and Efficient Data Transmission for Cluster-Based Wireless Sensor Networks," IEEE Transactions on Parallel and Distributed Systems, vol. 25, no. 3, pp. 750-761, March 2014.
- [15] A.S.M.S. Hosen, Gideon, G. Cho "A Robust Key Management Scheme Based on Node Hierarchy for Wireless Sensor Networks," In B. Murgante et al. (eds) Computational Science and Its Applications - ICCSA 2014, Lecture Notes in Computer Science, vol 8580. Springer, Cham, pp 315-329.
- [16] X. Zhang and J. Wang, "An efficient key management scheme in hierarchical wireless sensor networks," 2015 International Conference on Computing, Communication and Security (ICCCS), Pamplermousses, 2015, pp. 1-7.
- [17] S. Hu, "A hierarchical key management scheme for wireless sensor networks based on identity-based encryption," 2015 IEEE International Conference on Computer and Communications (ICCC), Chengdu, 2015, pp. 384-389.
- [18] A. R. Selva and E. Baburaj, "Polynomial and multivariate mapping-based triple-key approach for secure key distribution in wireless sensor networks," Computers and Electrical Engineering 59 (2017), pp. 274-290.
- [19] S Ruj, A Nayak, I. Stojmenovic, "Pairwise and triple key distribution in wireless sensor networks with applications," IEEE Trans Comput 2013, Vol. 62, No. 11, pp. 2224-2237.
- [20] A. Mehmood, M. M. Umar, H. Song, "ICMDS: Secure inter-cluster multiple-key distribution scheme for wireless sensor networks," Ad Hoc Networks 55 (2017), pp. 97-106.
- [21] A. Laouid et al, "A self-managing volatile key scheme for wireless sensor networks," Journal of Ambient Intelligence and Humanized Computing, 10(9), 2019, Springer, pp.3349-3364.
- [22] D. Liu et al., "Lightweight and practical node clustering authentication protocol for hierarchical wireless sensor networks," International Journal of Sensor Networks, 27(2), 2018, pp.95-102.
- [23] A. Albakri, L. Harn and S. Song, "Hierarchical key management scheme with probabilistic security in a wireless sensor network (WSN)," Security and communication networks, Vol. 2019, DOI: <https://doi.org/10.1155/2019/3950129>.
- [24] K. Hamsha and G. S. Nagaraja, "Threshold cryptography based light weight key management technique for hierarchical WSNs," International Conference on Ubiquitous Communications and Network Computing, Feb., 2019, pp. 188-197, Springer, Cham.
- [25] S. Prema, and T. C. Pramod, "Key establishment scheme for intra and inter cluster communication in WSN," 2018 IEEE Second International Conference on Computing Methodologies and Communication (ICCMC), February, 2018, pp. 942-944.
- [26] S. Biswas, P. Sadhukhan, S. Neogy, "An Asymmetric Key Based Efficient Authentication Mechanism for Proxy Mobile IPv6 Networks," S.M. Thampi et al. (Eds): Security in Computing and Communications (SSCC) 2017, CCIS 746, ISBN: 978-981-10-6897-3, pp. 65-78, 2017, Springer, Singapore.
- [27] <https://www.nsnam.org/releases/ns-3-26/>.