

BIBLIOGRAPHY

- [1] B. Gdowski, R. Kościej, and M. Niemiec, “Heuristic-based intrusion detection functionality in a snort environment,” *Information & Security*, vol. 50, no. 1, pp. 23–36, 2021.
- [2] X. Zhang, C. Li, and W. Zheng, “Intrusion prevention system design,” in *The Fourth International Conference on Computer and Information Technology, 2004. CIT'04.* IEEE, 2004, pp. 386–390.
- [3] M. R. Lyu and L. K. Lau, “Firewall security: Policies, testing and performance evaluation,” in *Proceedings 24th Annual International Computer Software and Applications Conference. COMPSAC2000.* IEEE, 2000, pp. 116–121.
- [4] S. E. Smaha *et al.*, “Haystack: An intrusion detection system,” in *Fourth Aerospace Computer Security Applications Conference*, vol. 44. Orlando, FL, USA, 1988.
- [5] M. Roesch *et al.*, “Snort: Lightweight intrusion detection for networks.” in *Lisa*, vol. 99, no. 1, 1999, pp. 229–238.
- [6] A. Fuchsberger, “Intrusion detection systems and intrusion prevention systems,” *Information Security Technical Report*, vol. 10, no. 3, pp. 134–139, 2005.
- [7] R. Putra, R. Mayasari, and N. Karna, “Implementasi dan analisis keamanan jaringan virtual hips snort pada layanan web server dengan penyerangan dos dan ddos,” *E-Proceeding of Engineering*, vol. 5, no. 3, pp. 4958–4965, 2018.
- [8] I. S. Zebua, “Implementation and analysis of virtual network security against dos and ddos attack with hips snort,” 2022.
- [9] O. Karahan and K. Berat, “Raspberry pi firewall and intrusion detection system,” *Journal of Intelligent Systems: Theory and Applications*, vol. 3, no. 2, pp. 21–24, 2020.
- [10] K.-C. Leung, V. O. Li, and D. Yang, “An overview of packet reordering in transmission control protocol (tcp): problems, solutions, and challenges,” *IEEE transactions on parallel and distributed systems*, vol. 18, no. 4, pp. 522–535, 2007.

- [11] S. Wankhede and D. Kshirsagar, “Dos attack detection using machine learning and neural network,” in *2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)*. IEEE, 2018, pp. 1–5.
- [12] P. Kumar, M. Tripathi, A. Nehra, M. Conti, and C. Lal, “Safety: Early detection and mitigation of tcp syn flood utilizing entropy in sdn,” *IEEE Transactions on Network and Service Management*, vol. 15, no. 4, pp. 1545–1559, 2018.
- [13] G. Rhinow, C. Taurarat, S. Grossmann, N. Grabow, S. Siewert, K.-P. Schmitz, and W. Schmidt, “Universal single-board computer based control unit for biomedical test benches,” *Current Directions in Biomedical Engineering*, vol. 7, no. 2, pp. 629–632, 2021.