

REFERENCES

- [1] Kareem, F., Ameen, S. A., Salih, A., Ahmed, D., Kak, S., Yasin, H., et al. (2021). SQL Injection Attacks Prevention System Technology: Review. *Asian Journal of Research in Computer Science*, 13-32. <https://doi.org/10.9734/ajrcos/2021/v10i330242>
- [2] Bahruddin, H., Suryani, V., Wardana, A.A. (2024). Adversary Simulation of Structured Query Language (SQL) Injection Attack Using Genetic Algorithm for Web Application Firewalls (WAF) Bypass. In: Arai, K. (eds) *Intelligent Systems and Applications. IntelliSys 2023. Lecture Notes in Networks and Systems*, vol 823. Springer, Cham. https://doi.org/10.1007/978-3-031-47724-9_43
- [3] Kosuga, Y., Kono, K., Hanaoka, M., Hishiyama, M., & Takahama, Y. (2007). Sania: Syntactic and Semantic Analysis for Automated Testing Against SQL Injection. <https://doi.org/10.1109/acsac.2007.4412981>
- [4] Matsuda, T. (2013). On the Property of the Distribution of Symbols in SQL Injection Attack. *International Journal of Intelligent Computing Research*, 4(4), 376-381. <https://doi.org/10.20533/ijicr.2042.4655.2013.0049>
- [5] Ahmad, K., & Karim, M. (2021). A Method to Prevent SQL Injection Attack Using an Improved Parameterized Stored Procedure. *International Journal of Advanced Computer Science and Applications*, 12(6). <https://doi.org/10.14569/ijacsa.2021.0120636>
- [6] Mui, R., & Frankl, P. (2011). Preventing Web Application Injections with Complementary Character Coding. 80-99. https://doi.org/10.1007/978-3-642-23822-2_5
- [7] Pinzón, C., Paz, J., Herrero, Á., Corchado, E., Bajo, J., & Corchado, J. (2013). IDMAS-SQL: Intrusion Detection Based on MAS to Detect and Block SQL Injection Through Data Mining. *Information Sciences*, 231, 15-31. <https://doi.org/10.1016/j.ins.2011.06.020>
- [8] Harefa, J., Prajena, G., Alexander, A., Muhamad, A., Dewa, E., & Yuliandry, S. (2021). SEA WAF: The Prevention of SQL Injection Attacks on Web Applications. *Advances in Science, Technology and Engineering Systems Journal*, 6(2), 405-411. <https://doi.org/10.25046/aj060247>
- [9] R. Zuech, T. Khoshgoftaar, & R. Wald, "Intrusion detection and big heterogeneous data: a survey", *Journal of Big Data*, vol. 2, no. 1, 2015. <https://doi.org/10.1186/s40537-015-0013-4>
- [10] B. Dawadi, B. Adhikari, & D. Srivastava, "Deep learning technique-enabled web application firewall for the detection of web attacks", *Sensors*, vol. 23, no. 4, p. 2073, 2023. <https://doi.org/10.3390/s23042073>
- [11] A. Alquwayzani, "Mitigating security risks in firewalls and web applications using vulnerability assessment and penetration testing (vapt)", *International Journal of Advanced Computer Science and Applications*, vol. 15, no. 5, 2024. <https://doi.org/10.14569/ijacsa.2024.01505136>
- [12] Johanes Raphael Nandaputra, Parman Sukarno, and Aulia Arif Wardana. 2024. Detection and Prevention System on Computer Network to Handle Distributed Denial-Of-Service (Ddos) Attack in Realtime and Multi-Agent. In *Proceedings of the 2024 10th International Conference on Computer Technology Applications (ICCTA '24)*. Association for Computing Machinery, New York, NY, USA, 237–241. <https://doi.org/10.1145/3674558.3674592>

- [13] Zahid, H.; Hina, S.; Hayat, M.F.; Shah, G.A. Agentless Approach for Security Information and Event Management in Industrial IoT. *Electronics* 2023, 12, 1831. <https://doi.org/10.3390/electronics12081831>
- [14] R. A. Muzaki, O. C. Briliyant, M. A. Hasditama and H. Ritchi, "Improving Security of Web-Based Application Using ModSecurity and Reverse Proxy in Web Application Firewall," 2020 International Workshop on Big Data and Information Security (IWBIS), Depok, Indonesia, 2020, pp. 85-90, doi: 10.1109/IWBIS50925.2020.9255601. keywords: {Security;Cross-site scripting;Web servers;SQL injection;Firewalls (computing);Network topology;Application security;Web Application Security;Web Application Firewall;ModSecurity;Reverse Proxy Method},
- [15] T. Rahmawati, R. W. Shiddiq, M. R. Sumpena, S. Setiawan, N. Karna and S. N. Hertiana, "Web Application Firewall Using Proxy and Security Information and Event Management (SIEM) for OWASP Cyber Attack Detection," 2023 IEEE International Conference on Internet of Things and Intelligence Systems (IoTaIS), Bali, Indonesia, 2023, pp. 280-285, doi: 10.1109/IoTaIS60147.2023.10346051. keywords: {System testing;Firewalls (computing);Databases;Cross-site scripting;Force;SQL injection;Internet of Things;cyber security;Open Web Application Security Project;plugin;Security Information and Event Management;Web Application Firewall}