[11] N. Yoshimura, H. Kuzuno, and Y. Shiraishi, "DOC-IDS : A Deep Learning-Based Method for Feature," 2022.
[12] S. A. Albelwi, "An Intrusion Detection System for Identifying Simultaneous Attacks using Multi-Task Learning and Deep Learning," 2022 2nd International Conference on Computing and Information Technology (ICCIT), Jan. 2022, doi:10.1109/iccit52419.2022.9711630.
[13] "A Hybrid IDS Using GA-Based Feature Selection Method and Random Forest," International Journal of Machine Learning and Computing, vol. 12, no. 2, Mar. 2022, doi:10.18178/ijmlc.2022.12.2.1077.
[14] Z. U. A. Tariq, E. Baccour, A. Erbad, M. Guizani, and M. Hamdi, "Network Intrusion Detection for Smart Infrastructure using Multi-armed Bandit based Reinforcement Learning in Adversarial Environment," 2022 International Conference on Cyber Warfare and Security (ICCWS), Dec. 2022, doi:10.1109/iccws56285.2022.9998440.
[15] F. A. Saputra, M. Salman, K. Ramli, A. Abdillah, and I. Syarif, "Big data analysis architecture for multi IDS sensors using memory based processor," 2017 International Electronics Symposium on Knowledge Creation and Intelligent Computing (IES-KCIC), vol. 4, pp. 40–45, Sep. 2017, doi: 10.1109/kcic.2017.8228456.
[16] B. Kerim, "Securing IoT Network against DDoS Attacks using Multi-agent IDS," Journal of Physics: Conference Series, vol. 1898, no. 1, p. 012033, Jun. 2021, doi: 10.1088/1742-6596/1898/1/012033.
[17] Wazuh, "Wazuh - Components · Wazuh documentation." https://documentation.wazuh.com/current/getting-started/components/index.html
[18] Wazuh, "Wazuh agent - Components · Wazuh documentation." https://documentation.wazuh.com/current/getting-started/components/wazuh-agent.html (accessed Nov. 11, 2021).
[19] Wazuh, "Wazuh server - Components · Wazuh documentation." https://documentation.wazuh.com/current/getting-started/components/wazuh-server.html (accessed Nov. 11, 2021).
[20] Wazuh, "Wazuh Elastic Stack." https://documentation.wazuh.com/current/getting-started/components/elastic_stack.html (accessed Nov. 11, 2021).
[21] M. G., S. Prabu, and L. B. C., "Detecting DDoS Attack," Applications of Artificial Intelligence for Smart Technology, pp. 55–66, 2021, doi: 10.4018/978-1-7998-3335-2.ch004.
[22] R. U. Rehman, *Intrusion Detection Systems with Snort Advanced IDS Techniques Using Snort, Apache, MySQL, PHP, and ACID*. New Jersey: Pearson Education Inc., 2003. [Online]. Available: http://www.phptr.com
[23] J. Frank, "Artiicial Intelligence and Intrusion Detection: Current and Future Directions," 1994.
[24] M. Tiwari, R. Kumar, A. Bharti, and J. Kishan, "Intrusion Detection System," in *Article in International Journal of Technical Research and Applications*, 2017, vol. 5, no. 2, pp. 38–44. [Online]. Available: www.ijtra.com,
[25] A. Singh, N. Thakur, and A. Sharma, "A review of supervised machine learning algorithms," in *2016 3rd International Conference on Computing for Sustainable Global Development (INDIACom)*, 2016, pp. 1310–1315.
[26] T. Al-Shehari and R. A. Alsowail, "An Insider Data Leakage Detection Using One-Hot Encoding, Synthetic Minority Oversampling and Machine Learning Techniques," Entropy, vol. 23, no. 10, p. 1258, Sep. 2021, doi: 10.3390/e23101258.
[27] A. Gupta, "One Hot EnCoding | Data Science and Machine Learning | Kaggle." https://www.kaggle.com/discussions/getting-started/114797 (accessed Nov. 11, 2022).
[28] "ML | Label Encoding of datasets in Python - GeeksforGeeks." https://www.geeksforgeeks.org/ml-label-encoding-of-datasets-in-python/ (accessed Oct. 15, 2022).
[29] A. Zheng and A. Casari, *Feature Engineering for Machine Learning: Principles and Techniques for Data Scientists*, 1st ed. California: O'Reilly Media, Inc., 2018.
[30] I. Stromberger, N. Bacanin, and M. Tuba, "Hybridized krill herd algorithm for large-scale optimization problems," 2017 IEEE 15th International Symposium on Applied Machine Intelligence and Informatics (SAMI), Jan. 2017, doi: 10.1109/sami.2017.7880356.
[31] G. Zhang and E. Li, "Research on IDS Snort Based on Classic Clustering Algorithm," 2020 International Conference on Urban Engineering and Management Science (ICUEMS), Apr. 2020, doi:10.1109/icuems50872.2020.00147.
[32] P. Refaeilzadeh, L. Tang, and H. Liu, "Cross-Validation," Encyclopedia of Database Systems, pp. 532–538, 2009, doi:10.1007/978-0-387-39940-9_565.
[33] Artificially Intelligent Intrusion Detection System, "kdd99_feature_extraction," *Github*, 2022. https://github.com/AIIDS/kdd99_feature_extractor (accessed Mar. 20, 2022).
[34] Snort, "DPX Readme." https://snort.org/documents/dpx-readme (accessed Mar. 20, 2022).
[35] K. Labib and V. Rao Vemuri, "Detecting Denial-of-Service And Network Probe Attacks Using Principal Component Analysis," pp. 1–8, 2011.
[36] C. L. Schuba, I. V. Krsul, M. G. Kuhn, E. H. Spafford, A. Sundaram, and D. Zamboni, "Analysis of a denial of service attack on TCP," Proceedings. 1997 IEEE Symposium on Security and Privacy (Cat. No.97CB36097), 1997, doi: 10.1109/secpri.1997.601338.