

DAFTAR PUSTAKA

- [1] Zhang W, Zhu Y. “A new E-learning model based on elastic cloud computing for distance education”. Eurasia Journal of Mathematics, Science and Technology Education. 2017; 13: 8393–8403.
- [2] Mujino Sadikin, Raka Yusuf, Arif Rifai D, “Load balancing clustering on moodle LMS to overcome performance issue of *e-learning* sistem”, TELKOMNIKA, Vol.17, No.1, February 2019, pp.131~138
- [3] Dr. Dharmendra Chourishi, Dr. Chanchal Kumar Buttan, Abhishek Chaurasia, Anita Soni . “Effective E-Learning through Moodle”. International Journal of Advance Technology & Engineering Research (IJATER), Vol. 1, Issue 1, November 2011
- [4] Preeth E N, F. J. P. Mulerickal, B. Paul and Y. Sastri, "Evaluation of Docker *containers* based on *hardware* utilization," 2015 International Conference on Control Communication & Computing India (ICCC), 2015, pp. 697-700, doi: 10.1109/ICCC.2015.7432984.
- [5] N. Marathe, A. Gandhi and J. M. Shah, "Docker Swarm and Kubernetes in Cloud Computing Environment," 2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI), 2019, pp. 179-184, doi: 10.1109/ICOEI.2019.8862654.
- [6] Docker Swarm, “<https://docs.docker.com/engine/swarm/>”, Dec 2022
- [7] M. Rahman, S. Iqbal and J. Gao, "Load Balancer as a Service in Cloud Computing," 2014 IEEE 8th International Symposium on Service Oriented System Engineering, 2014, pp. 204-211, doi: 10.1109/SOSE.2014.31.
- [8] M. R. M. Bella, M. Data and W. Yahya, "Web Server Load Balancing Based On Memory Utilization Using Docker Swarm," 2018 International Conference on Sustainable Information Engineering and Technology (SIET), 2018, pp. 220-223, doi: 10.1109/SIET.2018.8693212.

- [9] V. Millnert and J. Eker, "HoloScale: horizontal and vertical scaling of cloud *resources*," 2020 IEEE/ACM 13th International Conference on Utility and Cloud Computing (UCC), 2020, pp. 196-205, doi: 10.1109/UCC48980.2020.00038.
- [10] nginx, "<https://www.nginx.com/resources/glossary/nginx/>", Dec 2022.
- [11] haproxy, "<http://www.haproxy.org/#desc:>", Dec 2022
- [12] PostgreSQL, "<https://www.postgresql.org/about/>", Jan 2023
- [13] Apache JMeter, "<https://jmeter.apache.org/about/>", Dec 2022
- [14] Yesun Utomo, Gede Putra Kusuma, Evan Kristia Wigati. "Improving Moodle Architecture and Learning Features in Cloud Server Ecosystem Using Kubernetes and Gamification". International Journal of Emerging Trends in Engineering Research (2020).
- [15] Mujino Sadikin, Raka Yusuf, Arif Rifai D, "Load balancing clustering on moodle LMS to overcome performance issue of *e-learning* sistem", TELKOMNIKA, Vol.17, No.1, February 2019, pp.131~138
- [16] Xin Guo, Qing Shi, Danjue Zhang. "A Study on Moodle Virtual Cluster in Cloud Computing". 2013. Seventh International Conference on Internet Computing for Engineering and Science
- [17] A Zaini, H Santoso and M P T Sulistyanto. "Fault tolerance strategy to increase Moodle Service Reliability." Annual Conference on Science and Technology (ANCOSSET 2020)
- [18] Faisal Faisal dan Gede Putra Kusuma. "REST Architecture Optimization in Cloud Computing Ecosystem to Support E-Learning Platform". International Journal of Engineering and Advanced Technology. 2019