

## DAFTAR PUSTAKA

- [1] R. Eka, A. Rachman, and T. Wahyu, "Virtual Private Server ( VPS ) Sebagai Alternatif Pengganti Dedicated Server," *Semin. Intell. Technol. Its Appl. SITIA*, pp. 2–7, 2010.
- [2] S. D. Riskiono, "Implementasi Metode Load Balancing Dalam Mendukung Sistem Kluster Server," pp. 455–460, 2018, doi: 10.31227/osf.io/9vuzx.
- [3] Q. Wang, D. Zhou, and Y. Li, "Secure Outsourced Calculations with Homomorphic Encryption," *Adv. Comput. An Int. J.*, vol. 9, no. 6, pp. 01–14, 2018, doi: 10.5121/acij.2018.9601.
- [4] T. Adiono, R. Marthensa, R. Muttaqin, S. Fuada, S. Harimurti, and W. Adijarto, "Design of database and secure communication protocols for Internet-of-things-based smart home system," *IEEE Reg. 10 Annu. Int. Conf. Proceedings/TENCON*, vol. 2017-Decem, pp. 1273–1278, 2017, doi: 10.1109/TENCON.2017.8228053.
- [5] I. N. B. Hartawan and I. W. Sudiarsa, "Analisis Kinerja Internet of Things Berbasis Firebase Real-Time Database," *J. Resist. (Rekayasa Sist. Komputer)*, vol. 2, no. 1, pp. 6–17, 2019, doi: 10.31598/jurnalresistor.v2i1.371.
- [6] K. Mekki, E. Bajic, F. Chaxel, and F. Meyer, "Concept and hardware considerations for product-service system achievement in internet of things," *2019 Int. Conf. Wirel. Technol. Embed. Intell. Syst. WITS 2019*, no. June, pp. 19–22, 2019, doi: 10.1109/WITS.2019.8723755.
- [7] E. B. Lewi, "Sistem Monitoring Ketinggian Air Berbasis Internet of Things Menggunakan Google Firebase," *Univ. Telkom, D3 Tek. Telekomun.*, vol. 1, no. 1, pp. 1–8, 2017.
- [8] A. W. Syaputra and S. Assegaff, "Analisis Dan Implementasi Load Balancing Dengan Metode Nth Pada Jaringan Dinas Pendidikan Provinsi

- Jambi,” *Anal. Dan Implementasi Load Balanc. Dengan Metod. Nth Pada Jar. Dinas Pendidik. Provinsi Jambi*, vol. 2, no. 4, pp. 831–844, 2017.
- [9] A. Rahmatulloh and F. MSN, “Implementasi Load Balancing Web Server menggunakan Haproxy dan Sinkronisasi File pada Sistem Informasi Akademik Universitas Siliwangi,” *J. Nas. Teknol. dan Sist. Inf.*, vol. 3, no. 2, pp. 241–248, 2017, doi: 10.25077/teknosi.v3i2.2017.241-248.
- [10] A. Solehudin, R. Mayasari, G. Garno, and A. Susilo Yuda Irawan, “Perbandingan Algoritma Round Robin dan Algoritma Least Connection pada Haproxy untuk Load Balancing Web Server,” *Systematics*, vol. 2, no. 1, p. 21, 2020, doi: 10.35706/sys.v2i1.3634.
- [11] S. Amghar, S. Cherdal, and S. Mouline, “Which NoSQL database for IoT applications?,” *2018 Int. Conf. Sel. Top. Mob. Wirel. Networking, MoWNeT 2018*, pp. 131–137, 2018, doi: 10.1109/MoWNet.2018.8428922.
- [12] H. Krishnan, “MongoDB – a comparison with NoSQL databases,” no. June 2019, 2016.
- [13] N. Li, “Research on diffie-hellman key exchange protocol,” *ICCET 2010 - 2010 Int. Conf. Comput. Eng. Technol. Proc.*, vol. 4, no. 4, pp. 634–637, 2010, doi: 10.1109/ICCET.2010.5485276.
- [14] X. W. Wu, E. H. Yang, and J. Wang, “Lightweight security protocols for the Internet of Things,” *IEEE Int. Symp. Pers. Indoor Mob. Radio Commun. PIMRC*, vol. 2017-Octob, pp. 1–7, 2018, doi: 10.1109/PIMRC.2017.8292779.
- [15] B. K. S. Rajaram and N. Krishna Prakash, “Secure mqtt using aes for smart homes in iot network,” *Int. J. Innov. Technol. Explor. Eng.*, vol. 8, no. 5s, pp. 483–485, 2019.
- [16] A. M. Al Naamany, A. Al Shidhani, and H. Bourdouce, “IEEE 802 . 11 Wireless LAN Security Overview,” *Ijcsns*, vol. 6, no. 5, pp. 138–156, 2006.

- [17] Y. Alkady, F. Farouk, and R. Rizk, “Fully Homomorphic Encryption with AES in Cloud Computing Security,” *Adv. Intell. Syst. Comput.*, vol. 845, pp. 370–382, 2019, doi: 10.1007/978-3-319-99010-1\_34.
- [18] “Java Servlet Tutorials - What is HTTP?”  
<https://server2client.com/servlets/whatishttp.html> (accessed Oct. 21, 2020).
- [19] “Apache JMeter - Apache JMeter™.” <https://jmeter.apache.org/index.html> (accessed Oct. 21, 2020).
- [20] R. Nindyasari and M. I. Ghozali, “Analisis Quality of Service Untuk Memonitoring Kondisi Topologi Jaringan X,” vol. 2, no. 2, pp. 109–113, 2018.
- [21] ETSI-TIPHON, “Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON) General Aspects of Quality of Service (QoS),” *Telecommun. Internet Protoc. Harmon. Over Networks Gen. Asp. Qual. Serv.*, vol. 1, no. DTR/TIPHON-05001, pp. 1–37, 1999, [Online]. Available:  
[http://www.etsi.org/deliver/etsi\\_tr/101300\\_101399/101329/02.01.01\\_60/tr\\_101329v020101p.pdf](http://www.etsi.org/deliver/etsi_tr/101300_101399/101329/02.01.01_60/tr_101329v020101p.pdf).