

DAFTAR PUSTAKA

- [1] I. M. Ibrahim *et al.*, “Web Server Performance Improvement Using Dynamic Load Balancing Techniques: A Review,” *Asian Journal of Research in Computer Science*, pp. 47–62, Jun. 2021, doi: 10.9734/ajrcos/2021/v10i130234.
- [2] S. Dewi and A. Iqbal Islami, “Implementasi Web Filtering Menggunakan Router Fortigate FG300D,” 2021. [Online]. Available: <http://jurnal.bsi.ac.id/index.php/insantek22>
- [3] Fortinet, “FORTINET DOCUMENT LIBRARY,” <https://docs.fortinet.com/document/fortigate/7.0.2/administration-guide/713497/virtual-server-load-balance>.
- [4] Apache Software Foundation, “Apache HTTP Server Project,” <https://httpd.apache.org/>.
- [5] G. S. Sumbayak, H. Nurwarsito, and R. Primananda, “Implementasi Algoritme Weighted Least Connection Berbasis Agen Pada POX Controller Untuk Load Balancing Web Server Pada Software Defined Network,” 2019. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [6] R. Oktariyadi, I. Ruslianto, and S. Bahri, “ANALISA KINERJA LOAD BALANCING MENGGUNAKAN METODE ROUND ROBIN DAN WEIGHTED ROUND ROBIN”.
- [7] B. Arifwidodo, V. Metayasha, and S. Ikhwan, “Analisis Kinerja Load Balancing pada Server Web Menggunakan Algoritma Weighted Round Robin pada Proxmox VE,” *Jurnal Telekomunikasi dan Komputer*, vol. 11, no. 3, p. 210, Dec. 2021, doi: 10.22441/incomtech.v11i3.11775.
- [8] P. W. Poteete, “Organically distributed sustainable storage clusters,” *Array*, vol. 17, Mar. 2023, doi: 10.1016/j.array.2022.100275.
- [9] Mufadhol, “Jaringan Komputer Menggunakan Cisco Packet Tracer, Simulasi,” 2012.
- [10] L. Joko Susanto *et al.*, “PENGEMBANGAN PERANCANGAN JARINGAN LOCAL AREA NETWORK (LAN) DI RSIA ANUGRAH MEDICAL CENTRE METRO,” vol. 7, no. 2, 2017.
- [11] Andi Micro, *Dasar-Dasar Jaringan Komputer*, Revisi 2012. Creative Common License 3.0 , 2012.
- [12] S. Oktaviani, “UNIVERSITAS GUNADARMA MENGENAL SISTEM FIREWALL,” 2007.
- [13] S. Halawa, “PERANCANGAN APLIKASI PEMBELAJARAN TOPOLOGI JARINGAN KOMPUTER UNTUK SEKOLAH MENENGAH KEJURUAN (SMK) TEKNIK KOMPUTER

DAN JARINGAN (TKJ) DENGAN METODE COMPUTER BASED INSTRUCTION,” *Jurnal Riset Komputer (JURIKOM)*, vol. 3, 2016.

- [14] B. Meador, “A Survey of Computer Network Topology and Analysis,” 2008. Accessed: Apr. 28, 2023. [Online]. Available: <http://www.cse.wustl.edu/~jain/cse567-08/index.html>
- [15] Essy Malays Sari Sakti, *Jaringan Komputer*. UNIVERSITAS PERSADA INDONESIA YAI, 2015. Accessed: May 11, 2023. [Online]. Available: <https://dosen.yai.ac.id/v5/dokumen/materi/970253/MODUL%201%20SJARKOM.pdf>
- [16] baktikominfo, “PROTOKOL JARINGAN KOMPUTER: PENGERTIAN, FUNGSI, DAN JENISNYA,” https://www.baktikominfo.id/id/informasi/pengetahuan/protokol_jaringan_komputer_pengertian_fungsi_dan_jenisnya-710.
- [17] F5 NGINX, “What Is Load Balancing?,” <https://www.nginx.com/resources/glossary/load-balancing/>.
- [18] IBM Corporation, “Algorithms for making load-balancing decisions,” https://www.ibm.com/docs/en/datapower-gateway/7.5.0?topic=groups-algorithms-making-load-balancing-decisions#lbg_algorithms__fa, Mar. 08, 2021.
- [19] IBM Cloud Foundation, “Load Balancing,” <https://www.ibm.com/cloud/learn/load-balancing#toc-methods-hpZiLzRB>, Jun. 10, 2019.
- [20] B. Alankar, G. Sharma, H. Kaur, R. Valverde, and V. Chang, “Experimental setup for investigating the efficient load balancing algorithms on virtual cloud,” *Sensors (Switzerland)*, vol. 20, no. 24, pp. 1–26, Dec. 2020, doi: 10.3390/s20247342.
- [21] F. W. Handono, “KAJIAN IP VIRTUAL (VIRTUAL SERVER) TERHADAP KEAMANAN JARINGAN,” 2002.
- [22] Evy Nurmiati, “ANALISIS DAN PERANCANGAN WEB SERVER PADA HANDPHONE,” pp. 1–17, 2012.
- [23] M. El Zarki, “INTRODUCTION TO TCP/IP.” Accessed: May 10, 2023. [Online]. Available: https://www.ics.uci.edu/~magda/ics_x33/ch0.pdf
- [24] R. M. Ijtihadie and F. Samopa, “PENGUKURAN KINERJA ROUND-ROBIN SCHEDULER UNTUK LINUX VIRTUAL SERVER PADA KASUS WEB SERVER,” 2005.
- [25] M. Doe and C. Lim, “EVE-NG Community Cookbook.” Accessed: May 11, 2023. [Online]. Available: <https://www.eve-ng.net/images/EVE-COMM-COOK-BOOK-latest.pdf>

- [26] R. Mohtasin, P.W.C. Prasad, Abeer Alsadoon, G. Zajko, A. Elchouemi, and Ashutosh Kumar Singh, "Development of a Virtualized Networking Lab using GNS3 and VMware Workstation," *IEEE WiSPNET 2016 conference*, 2016.
- [27] U. Lamping, R. Sharpe, and E. Warnicke, "Wireshark User's Guide - for Wireshark 1.9," 2004.
- [28] A. Muhyidin and candra Milda, "Buku Ubuntu Server Fundamental (Ubuntu Camp 2016)," 2016. [Online]. Available: <https://www.researchgate.net/publication/331635299>
- [29] Ubuntu, "Ubuntu Server Guide," 2018. [Online]. Available: <https://launchpad.net/~ubuntu-server>
- [30] I. F. PRADANA, "DETEKSI KEAMANAN SERVER MENGGUNAKAN COWRIE DAN FORTIGATE PADA WEB SERVER SKRIPSI," 2023. Accessed: May 10, 2023. [Online]. Available: [https://repository.uinjkt.ac.id/dspace/bitstream/123456789/66773/1/ILHAM M%20FITRA%20PRADANA-FST.pdf](https://repository.uinjkt.ac.id/dspace/bitstream/123456789/66773/1/ILHAM%20FITRA%20PRADANA-FST.pdf)
- [31] M. Faizan, Sujay S. Hegde, and Nagaratna V. Yaligar, "Comparison between Comparison between Cisco ASA and Fortinet FortiGate," *Journal of Computer Engineering*, vol. 21, no. 3, pp. 34–36, 2019, doi: 10.9790/0661-2103033436.
- [32] Fortinet, "OSI Model Explained," <https://www.fortinet.com/resources/cyberglossary/osi-model>.
- [33] Fortinet, "FortiOS-Cookbook," 2020.
- [34] V. Andini, L. Sugiyanta, and B. Zaini, "ANALISIS KINERJA PARAMETER THROUGHPUT DAN DELAY AKSES INETRNET DI SMK KARYAGUNA JAKARTA SELATAN," 2020.
- [35] ETSI, "Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON); General aspects of Quality of Service (QoS)," 1999.
- [36] E. Prasetyo, A. Hamzah, and E. Sutanta, "ANALISA QUALITY OF SERVICE (QOS) KINERJA POINT TO POINT PROTOCOL OVER ETHERNET (PPPOE) DAN POINT TO POINT TUNNELING PROTOCOL (PPTP)," 2016.
- [37] O. H. Jader, S. R. M. Zeebaree, and R. R. Zebari, "A State Of Art Survey For Web Server Performance Measurement And Load Balancing Mechanisms," *INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH*, vol. 8, 2019, [Online]. Available: www.ijstr.org