

## DAFTAR PUSTAKA

- [1] G. I. L. L. A. N. FATAHILLAH, “Perkembangan Jaringan Komputer di Indonesia,” OSFPREPRINTS, 2019.
- [2] A. Mikola and A. C. Nurcahyo, “Analisis load balancing Berbasis Mikrotik Dalam Meningkatkan kemampuan server di institut Shanti Bhuana,” *Journal of Information Technology*, vol. 2, no. 2, pp. 17–20, 2022.
- [3] S. D. Suhendar and I. Iqbal, “optimization of load balancing for multi isp bandwidth management microtic with android based configuration and notification systems in 27 senior high school,” *Jurnal Ilmiah Komputer dan Informatika (KOMPUTA)*, 2019.
- [4] T. M. Dyck, “Mwan3 (multi wan load balancing/failover),” *OpenWrt Wiki*, 25-Sep-2022. [Online]. Available: <https://openwrt.org/docs/guide-user/network/wan/multiwan/mwan3>. [Accessed: 31-Jan-2023].
- [5] M. R. Suwito and L. Lukman, “Analisis dan Perancangan load balancing Dengan Metode Nth Menggunakan mikrotik studi Kasus SMK Bina Harapan sleman,” *Respati*, vol. 17, no. 1, p. 17, 2022.
- [6] T. Hoiland-Jorgensen, D. Taht, and J. Morton, “Piece of cake: A comprehensive queue management solution for Home Gateways,” 2018 IEEE International Symposium on Local and Metropolitan Area Networks (LANMAN), 2018.
- [7] A. Ourwanto and B. Soewito, “Optimization problem of computer network using pppdoo,” *ICIC Express Letters*, 2021.
- [8] muhammad, iqbal. FIRDAUS, “Analisis Perbandingan Kinerja load balancing metode ECMP (equal cost multi-path) Dengan metode PCC (per connection classifier) Pada Mikrotik routers,” *Technologia: Jurnal Ilmiah*, vol. 8, no. 3, p. 165, 2017.

- [9] F. Ardianto, B. Alfaresi, and A. Darmadi, "Rancang Bangun load balancing dua internet service provider (ISP) Berbasis Mikrotik," *JURNAL SURYA ENERGY*, vol. 3, no. 1, p. 198, 2018.
- [10] nunu nugraha and mohammad iqbal, "perancangan dan simulasi jaringan komputer politeknik negeri subang menggunakan packet tracer versi 6.2 dengan metode pdioo" TEDC, 2020.
- [11] Romegar Mair Zaid, & Tri Ariska Dini, "Optimalisasi kinerja jaringan komputer berbasis routerpada dinas kependudukan dan catatan sipil kabupaten musi banyuasin". *Jurnal Teknologi Informasi dan Komputer Politeknik Sekayu*, 2018.
- [12] A. Fauzi and D. Y. Utami, "Implementasi load balancing per address connection ECMP ALGORITMA round Roubin Mikrotik Router," *journal of informatics and telecommunication engineering*, vol. 5, no. 2, pp. 463–472, 2022.
- [13] D. Leman, "load balancing 2 jalur internet menggunakan mikrotik round robin" *Riau Journal of Computer Science*, 2019.
- [14] M. Hariyadi and N. Abidin, "Implementasi Dan Analisa quality of service wireless VOIP Berbasis Sip Pada mobile adhoc network Berbasis OPENWRT," *NJCA (Nusantara Journal of Computers and Its Applications)*, vol. 3, no. 2, 2018.
- [15] P. R. Utami, "Analisis Perbandingan quality of service JARINGAN Internet Berbasis Wireless Pada Layanan internet service provider (ISP) INDIHOME dan first media," *Jurnal Ilmiah Teknologi dan Rekayasa*, vol. 25, no. 2, pp. 125–137, 2020.
- [16] H. Kusbandono and E. M. Syafitri, "Penerapan quality of service (qos) Dengan metode PCQ untuk manajemen bandwidth internet PADA WLAN politeknik negeri madiun," *RESEARCH : Computer, Information System & Technology Management*, vol. 2, no. 1, p. 7, 2019.

- [17] I. Afrianto and E. B. Setiawan, "Kajian Virtual Private Network (VPN) Sebagai Sistem Pengamanan data Pada jaringan komputer (studi Kasus Jaringan Komputer Unikom)," *Majalah Ilmiah UNIKOM*, vol. 12, no. 1, 2015.
- [18] M. S. Hidayatullah and K. Kusnawi, "Analisis Perbandingan Quality of service (QoS) firmware original TL-WR841ND Dengan firmware OPENWRT berbasis open source," *Jurnal Ilmiah Teknologi Infomasi Terapan*, vol. 2, no. 2, 2016.
- [19] R. Brown, "SQM (Smart Queue Management)," OpenWrt Wiki, <https://openwrt.org/docs/guide-user/network/traffic-shaping/sqm> (accessed May 7, 2023).
- [20] P. N. Ayuso, "The Netfilter.org 'nftables' project," netfilter/iptables project homepage - The netfilter.org "nftables" project, <https://netfilter.org/projects/nftables/> (accessed May 10, 2023).
- [21] J. F. Kurose and K. W. Ross, "4.4.3," in *Computer networking: A top-down approach*, Noida, Uttar Pradesh, India: Pearson India Education Services Pvt. Ltd., 2022
- [22] R. Brown, "About the openwrt/lede project," OpenWrt Wiki, <https://openwrt.org/about> (accessed May 4, 2023).
- [23] D. Turvene, "Firewall and network interfaces," OpenWrt Wiki, [https://openwrt.org/docs/guide-user/firewall/fw3\\_network](https://openwrt.org/docs/guide-user/firewall/fw3_network) (accessed May 4, 2023).
- [24] W. Stallings, *Data and Computer Communications*. Upper Saddle River: Pearson/Prentice Hall, 2007.
- [25] R. Tulloh, R. M. Negara, and A. N. Hidayat, "Simulasi Virtual Local Area Network (VLAN) berbasis software defined network (SDN) Menggunakan

- Pox Controller,” *Jurnal Informatika, Telekomunikasi dan Elektronika*, vol. 7, no. 2, 2015. doi:10.20895/infotel.v7i2.134
- [26] J.-P. Wich, “The UCI system,” OpenWrt Wiki, [openwrt.org/docs/guide-user/base-system/uci](https://openwrt.org/docs/guide-user/base-system/uci) (accessed May 4, 2023).
- [26] J.-P. Wich, “The UCI system,” OpenWrt Wiki, [openwrt.org/docs/guide-user/base-system/uci](https://openwrt.org/docs/guide-user/base-system/uci) (accessed May 4, 2023).
- [27] R. Brown, “openwrt / luci,” GitHub, <https://github.com/openwrt/luci/wiki> (accessed Jul. 3, 2023).
- [28] P. R. Utami, “Analisis Perbandingan quality of service JARINGAN Internet Berbasis Wireless Pada Layanan internet service provider (ISP) INDIHOME dan first media,” *Jurnal Ilmiah Teknologi dan Rekayasa*, vol. 25, no. 2, pp. 125–137, 2020. doi:10.35760/tr.2020.v25i2.2723
- [28] T. Nurhayati and A. Darwansyah, “PERAN STRUKTUR ORGANISASI DAN SISTEM REMUNERASI DALAM MENINGKATKAN KINERJA,” *Jurnal Ekonomi dan Bisnis*, 2013.
- [29] A. Setiyadi and E. Setiawan, “Private cloud development in west java cooperative and entrepreneurship education and training center,” *IOP Conference Series: Materials Science and Engineering*, vol. 879, no. 1, p. 012036, 2020. doi:10.1088/1757-899x/879/1/012036
- [30] A. Imam and A. Setiyadi, “Optimalisasi Jaringan Dan Monitoring di Sman 4 bandung menggunakan webmin,” *Komputa : Jurnal Ilmiah Komputer dan Informatika*, vol. 6, no. 2, pp. 62–72, 2017. doi:10.34010/komputa.v6i2.2479
- [31] G. Fakhri and A. Setiyadi, “Implementasi IPv6 Dengan Metode Migrasi Nat64 Dan VPLS Untuk Mendukung IPv6 mobile di Sebuah Institusi

- pendidikan,” *Komputa : Jurnal Ilmiah Komputer dan Informatika*, vol. 8, no. 2, pp. 86–93, 2019. doi:10.34010/komputa.v8i2.3054
- [32] A. Setiyadi and E. B. Setiawan, “Blind Scanner Server and batch programming implementation in the process of automatically scan documents,” *IOP Conference Series: Materials Science and Engineering*, vol. 662, no. 2, p. 022068, 2019. doi:10.1088/1757-899x/662/2/022068
- [33] A. Setiyadi and E. B. Setiawan, “Information System Monitoring Access Log database on database server,” *IOP Conference Series: Materials Science and Engineering*, vol. 407, p. 012110, 2018. doi:10.1088/1757-899x/407/1/012110