

## DAFTAR PUSTAKA

- [1] Viva Budy Kusnandar, “Pengguna Internet Indonesia Peringkat ke-3 Terbanyak di Asia,” *katadata.co.id*, Oct. 14, 2021.
- [2] Citraweb, “[Load Balance] Load Balance dengan Menggunakan Metode PCC (Simple),” *Citraweb*, Dec. 18, 2020. [citraweb.com](http://citraweb.com) (accessed Aug. 02, 2022).
- [3] M. K. Anwar and I. Nurhaida, “Implementasi Load Balancing Menggunakan Metode Equal Cost Multi Path (ECMP) Pada Interkoneksi Jaringan,” *Jurnal Telekomunikasi dan Komputer*, vol. 9, no. 1, p. 39, Apr. 2019, doi: 10.22441/incomtech.v9i1.5003.
- [4] Muhammad Arsyad, “ANALISIS PERBANDINGAN KINERJA LOAD BALANCING METODE ECMP (EQUAL COST MULTI-PATH) DENGAN METODE PCC (PER CONNECTION CLASSIFIER) PADA MIKROTIK ROUTEROS,” Bannjarmasin, Sep. 2017.
- [5] R. Pakiding *et al.*, “SIMULASI PERBANDINGAN LOAD BALANCING DENGAN METODE PCC, ECMP, DAN NTH MENGGUNAKAN GNS3,” Yogyakarta, Jun. 2021.
- [6] A. Meirani, Y. Rachmawati, and M. Sholeh, “ANALISIS KINERJA FAILOVER DENGAN PROTOKOL ROUTING BGP MENGGUNAKAN GNS3 (STUDI KASUS SIMULASI JARINGAN KAMPUS IST AKPRIND YOGYAKARTA),” Yogyakarta, Dec. 2018.
- [7] D. Darmawan and T. Imanto, “Analisa Link Balancing dan Failover 2 Provider Menggunakan Border Gateway Protocol (BGP) Pada Router Cisco 7606s,” *Jurnal Nasional Teknologi dan Sistem Informasi*, vol. 3, no. 3, pp. 326–333, Dec. 2017, doi: 10.25077/teknosi.v3i3.2017.326-333.
- [8] Muhammad Sahal Nurhidayah, Dadiék Pranindito, and Reni Dyah Wahyuningrum3, “Analisis dan Simulasi Routing Border Gateway Protocol Antar Autonomous System Menggunakan Free Range Routing,” *LITEK*, vol. 19, Sep. 2022.
- [9] Petra, “IP Address,” *Universitas Kristen Petra*, 2013. <https://dewey.petra.ac.id/repository/jiunkpe/jiunkpe/s1/info/2013/jiunkpe-is-s1-2013-26409036-28107-simulator-chapter2> (accessed Aug. 19, 2023).

- [10] Utopio, “Pembagian Kelas IP Address A, B, C, D Dan E Pada IPv-4,” *Utopio Computer*, Mar. 01, 2018. <https://www.utopicomputers.com/pembagian-kelas-ip-address-b-c-d-dan-e-pada-ipv-4/> (accessed Aug. 24, 2023).
- [11] M. Prawiro, “Topologi Bus: Pengertian, Ciri-Ciri, Cara Kerja, Kelebihan dan Kekurangannya,” *Maxmanroe*, Jan. 11, 2018. <https://www.maxmanroe.com/vid/teknologi/komputer/pengertian-topologi-bus.html> (accessed Aug. 21, 2023).
- [12] M Prawiro, “Pengertian Topologi Star dan Gambarnya, Ciri-Ciri, Cara Kerja, serta Kelebihan dan Kekurangannya,” *Maxmanroe*, Apr. 14, 2023. <https://www.maxmanroe.com/vid/teknologi/komputer/pengertian-topologi-star.html> (accessed Aug. 21, 2023).
- [13] M Prawiro, “Topologi Ring: Pengertian, Cara Kerja, Fungsi, serta Kelebihan dan Kekurangannya,” *Maxmanroe*, Apr. 08, 2023. <https://www.maxmanroe.com/vid/teknologi/komputer/pengertian-topologi-ring.html> (accessed Aug. 21, 2023).
- [14] M Prawiro, “Topologi Mesh: Pengertian, Cara Kerja, Kekurangan dan Kelebihannya,” *Maxmanroe*, Apr. 22, 2023. Topologi Mesh: Pengertian, Cara Kerja, Kekurangan dan Kelebihannya (accessed Aug. 23, 2023).
- [15] G. P. K. E. K. N. Prama Wira Ginta, “IMPLEMENTASI TOOLS NETWORK MAPPER PADA LOKAL AREA NETWORK (LAN) ,” *Jurnal Media Infotama*, vol. 9, pp. 118–139, Sep. 2013.
- [16] Hadi Suwanto, “Apa yang dimaksud Load Balance?,” *Pusat Hosting*, 2020. <https://www.pusathosting.com/blog/apa-yang-dimaksud-load-balance.html> (accessed Sep. 02, 2022).
- [17] R. Dewanto, R. Munadi, and R. M. Negara, “Minimalization of Overlapped Path Selection on Equal Cost Multipath Routing (ECMP) with Software Defined Networking Paradigm,” Bandung, Aug. 2018.
- [18] Hudgens, “Equal Cost Multi Path Routes.” Hudgens. Accessed: Jun. 02, 2022. [Online]. Available: <https://sites.google.com/site/tele4642projectgroup16/home/ecmp>

- [19] Hogan, “Mengenal 4 Metode Load Balancing untuk Jaringan Internet Anda,” *Mebiso*, 2013. mebiso.com (accessed May 02, 2022).
- [20] T. R. Sukendar Akademi Manajemen Informatika dan Komputer Bina Sarana Informatika Jakarta Jl Fatmawati no, Toni Sukendar, M. Ikhsan Saputro Sekolah Tinggi Manajemen Informatika STMIK Nusa Mandiri Jakarta Jl Damai no, and W. Jati Barat Jakarta, “Menjaga konektivitas Internet Agar Selalu Up Dengan Metode Fail Over Berbasis Mikrotik Pada SMA Darusallam Jakarta,” *Jurnal Teknik Komputer*, vol. III, no. 2, 2017.
- [21] Ramadhan Yoga, “Macam-Macam Routing Protokol,” *Diary Config*, Jul. 31, 2017. <https://www.diaryconfig.com/2017/07/macam-macam-routing-protokol.html> (accessed Aug. 19, 2023).
- [22] N. Nyoman, K. Krisnawijaya, C. Rai, and A. Paramartha, “PENERAPAN JARINGAN MULTIHOMING PADA JARINGAN KOMPUTER FAKULTAS HUKUM,” Denpasar, Apr. 2016.
- [23] Buku Ingat, “Cara Konfigurasi BGP Routing Lengkap di Packet Tracer,” *bukuingat.com*, Oct. 2020. <https://www.buatkuingat.com/2020/10/cara-konfigurasi-bgp-routing-lengkap-di-packet-tracer.html> (accessed Aug. 02, 2023).
- [24] T. Z. M. R. M. Erick Mahaputra Asril, “PENGEMBANGAN JARINGAN BACKBONE DENGAN PROTOKOL ROUTING BGP MENGGUNAKAN SIMULATOR GNS3STUDI KASUS: SISFO TELKOM UNIVERSITY,” *Universitas Telkom*, 2017.
- [25] Ihsan Arif, “BGP (Border Gateway Protokol),” *Santekno.com*, Dec. 2019.
- [26] Kentik, “What Is BGP? Border Gateway Protocol Explained,” *Kentipedia*, Jul. 20, 2023. <https://www.kentik.com/kentipedia/what-is-bgp-border-gateway-protocol/> (accessed Aug. 19, 2023).
- [27] Hari Antoni Musril, “SIMULASI INTERKONEKSI ANTARA AUTONOMOUS SYSTEM (AS) MENGGUNAKAN BORDER GATEWAY PROTOCOL (BGP),” *Jurnal Nasional Informatika dan Teknologi Jaringan*, vol. 2, Sep. 2017, Accessed: Aug. 19, 2023. [Online]. Available: <https://www.trivusi.web.id/2022/09/tcp-vs-udp.html>

- [28] Atribusi Creative Commons, "Routing Metric," *Keinsinyuran*, Aug. 24, 2022. <https://www.keinsinyuran.com/kamus/routing-metric/> (accessed Aug. 24, 2023).
- [29] Howard, "What Is Open Networking?," *FS Community*, Jun. 01, 2022. <https://community.fs.com/blog/what-is-open-networking.html> (accessed Aug. 24, 2023).
- [30] N. Iryani and D. D. Andika, "Analisis Performansi Dynamic Multipoint Virtual Private Network pada Routing Protocol BGP dengan FRRouting," *JTERA (Jurnal Teknologi Rekayasa)*, vol. 6, no. 1, p. 61, Jun. 2021, doi: 10.31544/jtera.v6.i1.2021.61-66.
- [31] Faisal Reza, "Diskusi Networking v1 - VXLAN Dan FRROUTING," *Diskusinet*. 2010. Accessed: Aug. 02, 2022. [Online]. Available: [diskusinet.com](http://diskusinet.com)
- [32] Frihadian, "Apa itu TCP/IP," *IPB*. [oenay.staff.ipb.ac.id](http://oenay.staff.ipb.ac.id) (accessed Sep. 02, 2022).
- [33] Laura Klusaitė, "Perbedaan UDP dan TCP," *NordVPN*, 2020. <https://nordvpn.com/id/blog/perbedaan-udp-dan-tcp/> (accessed Jan. 02, 2023).
- [34] Nabilah Humairah, "Penjelasan tentang Layanan pada Protokol TCP dan UDP," 09011281520109, 2020.
- [35] Trivusi, "Perbedaan Protokol TCP dan UDP pada Jaringan Komputer," *Trivusi*, Sep. 16, 2022.
- [36] 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.
- [37] Agus Sukmandhani, "QoS (Quality of Services)," *Online Learning Binus*, Jun. 15, 2020. <https://onlinelearning.binus.ac.id/computer-science/post/qos-quality-of-services> (accessed Dec. 02, 2022).
- [38] Agusrio Putra, "Pemanfaatan Aplikasi Gns3 Pada Mata Pelajaran Instalasi Jaringan Di Smk Pembangunan Bukittinggi," Bukittinggi, 2020.

- [39] F. Rizqi Nurdiana, I. Gunawan, R. Cahya Viollita, Ma. Faizal, D. Nurcahyadi abcde Teknik informatika, and S. Tinggi Teknologi Ronggolawe Cepu Penulis Korenspondensi, “Analisis Keamanan Jaringan Wifi Menggunakan Wireshark,” 2021. [Online]. Available: <http://searchsecurity.techtarget.com/tip/Wireshark-tutorial->