DAFTAR PUSTAKA

[1] Profile PT.Indonesia Comnet Plus. Diakses pada tanggal 2 Mei 2019 , *http://www.iconpln.co.id/about/*

[2] Layanan IPVPN PT. Indonesia Comnet Plus. Diakses pada tanggal 2 Mei 2019, *http://www.iconpln.co.id/product/iconect/ipvpn/*

[3] R. Munadi, Teknik Switching, Bandung: Informatika Bandung, 2011.

[4] L. D. Ghein, MPLS Fundamentals, USA: Cisco Press, 2006.

[5] Yanfei Zhao, Zhaohai Deng, "A Design of WAN Architecture for Large Enterprise Group Based on MPLS VPN" in *Journal International Conference on Computing, Measurement, Control and Sensor Network,* 2012.

[6] Laufi Dian Deodo Saputra, Wiwin Sulistyo, "Analisis QoS Differentiated Service Pada jaringan MPLS Menggunakan Algoritma Threshold", in *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIIK),* Vol. 4, pp. 227-236, 2017.

[7] ITU-T, "The E-model, a computational model for use in transmission planning," in *SERIES G: TRANSMISSION SYSTEM AND MEDIA, DIGITAL SYSTEMS AND NETWORKS, 2000, pp. pp 1-11.*

[8] European Telecommunications Standards Institute (ETSI). "Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON) ; General aspects of Quality of Service". ETSI TR 101 329 V2.1.1. 1999.

[9] Fitri Wulansari , Rendy Munadi , Ratna Mayasari, "Analisis Jaringan MPLS-TE Fast Reroute Menggunakan Metode QoS Diffserv Berbasis Server OpenIMSCore", in *Seminar Nasional Teknologi Informasi dan Komunikasi (SENTIKA),* Yogyakarta, 2016

[10] Almofari, Nasser & S Moustafa, H & Zaki, Fayez, "Optimizing QoS for Voice and Video using DiffServ-MPLS", in *International Journal of Modern Computer Science & Engineering*, Vol. 1, pp. 22-32, 2012.

[11] Cisco : Diffserv Tunneling Modes for MPLS Network. Diakses pada tanggal 4 Mei 2019, *https://www.cisco.com/c/en/us/support/docs/multiprotocol-label-switching-mpls/mpls/47815-diffserv-tunnel.html#modes*

[12] Yetti yuniati, Helmi Fitriawan & Domiko fahdi jaya patih, "Analisa Perancangan Server VoIP (Voice Internet Protocol) Dengan Opensource Asterisk dan VPN (Virtual Private Network) sebagai pengaman jaringan antar client", in *Jurnal Sains, Teknologi dan Industri, Vol. 12, No. 1, pp. 112 – 121, Desember 2014.*

[13] Rakesh Kumar Jha and Pooja Kharga, "Advanced Open Source Simulator: NS-3", Dept. of Electronics & Communication Engineering, Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir, INDIA

[14] Katkar, S. P. & Vijay R. Grohpade. Maret 2016. "Comparative Study of Network Simulator: NS2 and NS3", in *International journal of advanced research in computer science and software engineering*, Vol. 6, 2016.

[15] Adi S.M.Y., Kuokkwee Wee, Ee Mae A., Mohd.F.A.A., "Performance Study of Channel-QoS Aware Scheduler in LTE Downlink Using NS3", in *EMERGING 2015: The Seventh International Conference on Emerging Networks and Systems Intelligence, 2015.*