

DAFTAR PUSTAKA

- Alfarizi NF, Sugiantoro B. 2022. Performance comparison TCP variant pada model jaringan wired. *Jurnal Nasional Informatika dan Teknologi Jaringan*. 6(2). <https://jurnal.uisu.ac.id/index.php/infotekjar/article/view/4801/pdf>.
- Aljubouri MA, Teoh SS. 2025. Evaluation of UAV Ground Station Network Performance with Machine Learning-Based Bandwidth Allocation. *Telecom*. 6(3):59. <https://doi.org/10.3390/telecom6030059>.
- Alvarado R, Opina B, Tellez J, Triana V. 2025. Dynamic bandwidth allocation with machine learning in dense WiFi network. *FACETS*. 10:1–9. <https://doi.org/10.1139/facets-2024-0128>.
- Anggraeni I, Andriani S. 2021. Implementasi Algoritma C4.5 untuk Klasifikasi Deteksi Serangan Pada Protokol Jaringan. *Komputasi: Jurnal Ilmiah Ilmu Komputer dan Matematika*. 18(2):62–68. <https://doi.org/10.33751/komputasi.v18i2.3562>.
- Anuar, Miftakhul. 2022 Agu 13. Analisis Kinerja Jaringan Wlan Pada Proses Download Dan Upload Dengan Parameter Packet Loss Dan Delay Menggunakan Wireshark (Studi Kasus: Dinas Lingkungan Hidup Dan Kehutanan Provinsi Riau). <https://repository.uir.ac.id/id/eprint/13761>.
- Anwar ID, Akbar Y. 2024. Manajemen Bandwidth Jaringan dengan Metode Per Connection Queue (PCQ) Pada Mikrotik di Masterpiece Family Karaoke Tebet. *Jurnal Indonesia: Manajemen Informatika dan Komunikasi*. 5(3):3125–3137. <https://doi.org/10.35870/jimik.v5i3.986>.
- Asasunnaja R, Sugiantoro B. 2022. Analisis Unjuk Kerja TCP Sack Menggunakan Antrian Random Early Detection. *JISKA (Jurnal Informatika Sunan Kalijaga)*. 7(2):75–82. <https://doi.org/10.14421/jiska.2022.7.2.75-82>.
- Bahar N, A, A, Ismail I, Sadiyah S. 2023. Malicious traffic classification using hybrid heuristic payload based technique with machine learning. 2795(1):050002. <https://doi.org/10.1063/5.0122197>.
- Carrascosa M, Bellalta B. 2022. Cloud gaming Analysis of Google Stadia traffic. *Comput Commun*. 188:99–116. <https://doi.org/10.1016/j.comcom.2022.03.006>.
- ETSI. Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON); General aspects of Quality of Service (QoS). Sophia Antipolis.
- Fadhil D, Oliveira R. 2023. Estimation of the End-to-End Delay in 5G Networks Through Gaussian Mixture Models. *IFIP Adv Inf Commun Technol*. 649 IFIP:83–91. https://doi.org/10.1007/978-3-031-07520-9_8.

- Fadli A, Asis MA. 2025. Bandwidth Management Analysis Using Hierarchical Token Bucket (HTB) with MikroTik on the Network of Lisna Clinic YPK PLN Makassar 01. *Indonesian Journal of Networking and Internet of Things*. 1(1):30–39. <https://doi.org/10.56705/ijonit.v1i1.163>.
- FIK UPNVJ. 2026. Fasilitas Laboratorium Komputer. *Fakultas Ilmu Komputer UPN Veteran Jakarta*., siap terbit. [diakses 2026 Feb 7]. <https://new-fik.upnvj.ac.id/fasilitas/lab-komputer/>.
- Gao Y, Wang X, Jiang J, Jiang Y, Deng J. 2022 Jan 4. Basic Characteristics and Arrival Curve Characterization for Two-way Traffic of Online Video Watching.
- Garsva E, Paulauskas N, Grazulevicius G. Packet size distribution tendencies in computer network flows. *2015 Open Conference of Electrical, Electronic and Information Sciences (eStream)*.,.
- Gomes JVP, Inacio PRM, Lakic B, Freire MM, Da Silva HJA, Monteiro PP. Source traffic analysis. Di dalam: *ACM Transactions on Multimedia Computing, Communications and Applications*. Volume ke-6. Association for Computing Machinery (ACM). hlm 23.
- Hariyadi D, Finansia C. 2023. Analisis Insider Threat pada Sistem Keamanan Rumah Cerdas Menggunakan Malicious Traffic Monitoring. *Jurnal Aplikasi Teknologi Informasi dan Manajemen (JATIM)*. 4(2):107–114. <https://doi.org/10.31102/jatim.v4i2.2287>.
- Hariyadi D, Nugroho MA, Setiawan CB, Wicaksono AI. 2023. Hybrid Acquisition Pada Forensik Digital Berbasis ISO/IEC 27037:2012 Menggunakan Port Mirroring dan Single Board Computer. *Journal of Information System Management (JOISM)*. 5(1):8–13. <https://doi.org/10.24076/joism.2023v5i1.1157>.
- Haryadi J, Ubaidi., Hari NN, Rachman AF. 2024. Implementasi Manajemen Bandwidth Dengan Metode Peer Connection Queue (PCQ) Di SMPN 2 Pademawu. *Larisa Teknik Informatika*. 1(2):1–13. <https://ejournallarisa.academytlp.com/index.php/TeknikInformatika/article/view/110/89>.
- Hasija Y. 2023. *A machine learning approach to bioinformatics*.
- ITU-T. ITU-T End-user multimedia QoS categories. Geneva.
- Khairani D, Siregar MAR, Masrurah SU, Azizah MN. 2022. Selection of Home Wifi Internet: Machine Learning Implementation With Decision Tree C4.5 Algorithm Method. *JURNAL TEKNIK INFORMATIKA*. 15(2):178–187. <https://doi.org/10.15408/jti.v15i2.27741>.

- Kusumayati. 2022. Penggunaan Algoritma Decision Tree Untuk Mendeteksi Serangan DDoS Pada Software Defined Network. STMIK Widya Cipta Dharma. <http://repository.wicida.ac.id/id/eprint/4414>.
- Liando J, Widiyarsi IR. 2022. Analisis QoS Tunneling pada Virtual Conference. *Jurnal Sains dan Informatika*. 8(2). <https://doi.org/10.34128/jsi.v8i2.402>.
- Luthfansa ZM, Rosiani UD. 2021. Pemanfaatan Wireshark untuk Sniffing Komunikasi Data Berprotokol HTTP pada Jaringan Internet. *Journal of Information Engineering and Educational Technology*. 5(1):34–39. <https://doi.org/10.26740/jieet.v5n1.p34-39>.
- Maruf M, A, A, Darman, Razilu Z. 2023. Rancang Bangun Manajemen Bandwidth Jaringan Pada Laboratorium Teknik Komputer dan Jaringan. *Decode: Jurnal Pendidikan Teknologi Informasi*. 3(2):246–256. <https://doi.org/10.51454/decode.v3i2.177>.
- Mawarni E, Hidayat A, Sudarmaji S. 2024. Penerapan Manajemen Bandwidth Dengan Metode QOS (Quality Of Service) Menggunakan Mikrotik Router Pada SMP Tarbiyyatul Mu'alimin AL-Islamiyyah Roudhlatul Qur'an Metro. *Jurnal Mahasiswa Ilmu Komputer*. 5(2):62–69. <https://doi.org/10.24127/ilmukomputer.v5i2.4702>.
- Miswar N, Riadi I, Dahlan A. 2024. Performance Analysis of BGP Dynamic Routing Protocol using QOS for TCP and UDP Services. *Transmission Control Protocol*. 9(1):45–56.
- Moon D. 2024. Network Traffic Characteristics and Analysis in Recent Mobile Games. *Applied Sciences (Switzerland)*. 14(4). <https://doi.org/10.3390/app14041397>.
- Mustafa RU, Rothenberg CE. 2022. Machine learning assisted real-time DASH video QoE estimation technique for encrypted traffic. Association for Computing Machinery (ACM). hlm 123–123.
- Ningsih S, Musril HA, Khairuddin K, Okra R. 2024. Manajemen Bandwidth Jaringan Menggunakan Router Mikrotik RB941 Berbasis Queue Tree di Laboratorium Komputer SMKN 3 Payakumbuh. *SIMKOM*. 9(1):90–100. <https://doi.org/10.51717/simkom.v9i1.302>.
- Nurhidayat A, Sulistyo W. 2023. Analisis Dan Implementasi Manajemen Bandwidth Untuk Optimalisasi Layanan Jaringan Internet BUMDes Di Jlungang. *Analisis Dan Implementasi Manajemen Bandwidth Untuk Optimalisasi Layanan Jaringan Internet BUMDes Di Jlungang*. 19(2):647. <https://doi.org/10.35889/progresif.v19i2.1271>.
- Pebralia J. 2022. Analisis Curah Hujan Menggunakan Machine Learning Metode Regresi Linier Berganda Berbasis Python dan Jupyter Notebook. *Jurnal Ilmu*

- Fisika dan Pembelajarannya (JIFP)*. 6(2):23–30.
<https://doi.org/10.19109/jifp.v6i2.13958>.
- Peterson LL, Davie BS. 2023 Jan 27. End-to-End Protocols. *Computer Networks*., siap terbit.
- Prabuningrat GSW, Hostiadi DP, Srinadi NLP. 2024. Klasifikasi Deteksi Anomali Menggunakan Metode Machine Learning. *Prosiding Seminar Hasil Penelitian Informatika dan Komputer (SPINTER)*., 1(2):845–850.
- Pramana M, Setyati E, Ferdinandus. F.X. 2021. Identifikasi Serangan Denial Of Service (Dos) Di Jaringan Dengan Algoritma Decision Tree C4.5. *Wahana*. 73(2):13–29. <https://doi.org/10.36456/wahana.v73i2.4071>.
- Radhi M, Amalia A, Sitompul DRH, Sinurat SH, Indra E. 2022. Analisis Big Data Dengan Metode Exploratory Data Analysis (EDA) dan Metode Visualisasi Menggunakan Jupyter Notebook. *Sistem Informasi dan Ilmu Komputer Prima(JUSIKOM PRIMA)*. 4(2):23–27.
<https://doi.org/10.34012/jurnalsisteminformasidanilmukomputer.v4i2.2475>.
- Ramadhon RN, Ogi A, Agung AP, Putra R, Febrihartina SS, Firdaus U. 2024. Implementasi Algoritma Decision Tree untuk Klasifikasi Pelanggan Aktif atau Tidak Aktif pada Data Bank. *Karimah Tauhid*. 3(2):1860–1874.
<https://doi.org/10.30997/karimahtauhid.v3i2.11952>.
- Raza M, S, Bhatti K, A, Malik F, M, Sheikh S, A. 2023 Des 11. Network Traffic Classification using Deep Neural Networks. *2023 International Conference on Frontiers of Information Technology (FIT)*., siap terbit.
- Romzi M, Kurniawan B. 2021. Implementasi Pemrograman Python Menggunakan Visual Studio Code. *Jurnal Informatika Dan Komputer*. 11(2).
<https://doi.org/https://orcid.org/0000-0002-4608-580X>.
- Roy S, Shapira T, Shavitt Y. 2022. Fast and lean encrypted Internet traffic classification. *Comput Commun*. 186:166–173.
<https://doi.org/10.1016/j.comcom.2022.02.003>.
- Sake Blok. Forum pengembang Wireshark (Wireshark-dev).
<https://wireshark.marwan.ma/lists/wireshark-dev/200801/msg00182.html>.
- Saputra, Andre. 2022 Sep 10. Analisis Quality Of Service (qos) Jaringan Wireless Indihome Pada Aplikasi Video Streaming Twitch.tv. [diakses 2026 Jul 17].
<https://repository.uir.ac.id/id/eprint/28624>.
- Semuel RA,, Belutowe YS. 2026. Analisis Kinerja Protokol Multicast Dalam Jaringan Komputer Untuk Aplikasi Multimedia Streaming. *Jurnal Publikasi Manajemen Informatika*. 5(1):01–17.
<https://doi.org/10.55606/jupumi.v5i1.4235>.

- Sinha R, Papadopoulos C., Heidemann J. Internet Packet Size Distributions: Some Observations. USC/Information Sciences Institute. <https://ant.isi.edu/~johnh/PAPERS/Sinha07a.pdf>.
- Solihin U, Djajasoepe R. 2023. Analisis Lalu Lintas Data Internet Gim Multipemain Battle Royale Berbasis Konsol di Jakarta. *Jurnal INTEK*. 6(2):51–55. <https://doi.org/https://doi.org/10.37729/intek.v6i2.3181>.
- Suhada J, Setyawan H, Andrean K. 2025. Analisis Kinerja Jaringan Internet di Lingkungan Akademik dengan Pendekatan Quality of Service (QoS). *Journal on Pustaka Cendekia Informatika*. 3(1):155–163. <https://doi.org/https://doi.org/10.70292/pctif.v3i1.83>.
- Syahrani KS, Suroso, Susanti. E. 2025. Analysis of Mikrotik Network Bandwidth Management Using the Hierarchical Token Bucket Method at the Sriwijaya State Polytechnic. *INOVTEK Polbeng - Seri Informatika*. 10(2):1260–1270. <https://doi.org/10.35314/a301e829>.
- Tasmi T, Antony F, Ubaidillah U. 2022. Network Forensik Untuk Menganalisa Trafik Data Game Online. *Klik - Jurnal Ilmu Komputer*. 3(1):50–58. <https://doi.org/10.56869/klik.v3i1.352>.
- Uray Dini Apriza, Neilcy Tjahjamoonsih, Fitri Imansyah, F. Trias Pontia, Eka Kusumawardhani. 2022. Analisis QoS Pada Layanan Internet Jaringan Biznet Home Kota Pontianak. *Journal of Electrical Engineering, Energy, and Information Technology*. 10.
- Wiranata IN, Ariyana RY, Nurnawati EK, Suparyanto. 2022. Analisis Karakteristik Lalu Lintas Data Internet Jaringan Seluler Aplikasi Web Video Streaming dan Video Conference. *Teknologi Komputer dan Sistem Informasi*. 5(2):115–120.
- Xie S, Hu G, Wang X, Xing C, Liu Y. 2022. A Decision Tree-Based Online Traffic Classification Method for QoS Routing in Data Center Networks. *Security and Communication Networks*. 2022:14. <https://doi.org/10.1155/2022/9419676>.