

DAFTAR PUSTAKA

- Achmad, B., Nur, I. W., & Siti, K. (2019). *Development of Linux Ubuntu Open Source Distribution Based Open Source Distribution System to Minimize Students 'Software Study. Proceedings of the 1st International Conference on Education and Social Science Research (ICESRE 2018). Proceedings of the 1st International Conference on Education and Social Science Research (ICESRE 2018)*, Semarang, Indonesia. <https://doi.org/10.2991/icesre-18.2019.63>
- Ahuja, N., Singal, G., Mukhopadhyay, D., & Kumar, N. (2021). Automated DDOS attack detection in software defined networking. *Journal of Network and Computer Applications*, 187, 103108. <https://doi.org/10.1016/j.jnca.2021.103108>
- Aisah, I. S., Irawan, B., & Suprpti, T. (2023). Algoritma *Support Vector Machine (SVM)* Untuk Analisis Sentimen Ulasan Aplikasi Al Qur'an Digital. 7(6).
- Anam, M. C., Septama, H. D., P, R. A., & Nama, G. F. (2024). Pengaruh Penggunaan VLAN Pada *Software Defined Network* Berbasis *Ryu Controller*. *Jurnal Informatika Dan Teknik Elektro Terapan*, 12(1), Article 1. <https://doi.org/10.23960/jitet.v12i1.3766>
- Angga Septiawan, G., Irawan, K. W. S., Mayasari, I., & Listartha, I. M. E. (2022). Analisis Kerentanan XSS dan *Rate Limiting* Pada Website SMAN 8 Denpasar Menggunakan *Framework OWASP ZAP*. *Jurnal Informatika Upgris*, 8(1). <https://doi.org/10.26877/jiu.v8i1.10271>
- Bhuiyan, Z. A., Islam, S., Islam, Md. M., Ullah, A. B. M. A., Naz, F., & Rahman, M. S. (2023). *On the (in)Security of the Control Plane of SDN Architecture: A Survey. IEEE Access*, 11, 91550–91582. *IEEE Access*. <https://doi.org/10.1109/ACCESS.2023.3307467>
- Br Sipayung, P. I. O., Purba, V., & Agussalim, A. (2024). Analisis, Perancangan, dan Simulasi Jaringan VLAN Menggunakan Metode PPDIOO (Studi Kasus: SMAS

- Santo Yusup Surabaya). *TeknoIS : Jurnal Ilmiah Teknologi Informasi dan Sains*, 14(1), 110–118. <https://doi.org/10.36350/jbs.v14i1.237>
- DDoS threat report for 2023 Q4*. (2024, January 9). *Blog Cloudflare*. <https://blog.cloudflare.com/ddos-threat-report-2023-q4/>
- Eldo, H., Ayuliana, A., Suryadi, D., Chrisnawati, G., & Judijanto, L. (2024). Penggunaan Algoritma *Support Vector Machine* (SVM) Untuk Deteksi Penipuan pada Transaksi Online. *Jurnal Minfo Polgan*, 13(2), 1627–1632. <https://doi.org/10.33395/jmp.v13i2.14186>
- Febriyanti, S. R. (2024). *Implementasi Algoritma Load Balancer pada Programmable Data Plane untuk Meningkatkan Performansi Data Center (Capstone)—Dalam bentuk buku karya ilmiah*. Universitas Telkom, S1 Teknik Telekomunikasi. <https://repositori.telkomuniversity.ac.id/pustaka/218112/implementasi-algoritma-load-balancer-pada-programmable-data-plane-untuk-meningkatkan-performansi-data-center-capstone-dalam-bentuk-buku-karya-ilmiah.html>
- Feri, F. (2023). *Analisis Perancangan Jaringan Internet Bebas Standar Tiphon dengan Router Rerudancy Protokol [Diploma, Universitas Fajar]*. <https://repository.unifa.ac.id/id/eprint/1361/>
- Fitrian, H., Nurhikmah, A., & Anjana, M. (2025). Desain Dan Implementasi Jaringan *Software-Defined Networking* (SDN) Untuk Jaringan Kampus Yang Efisien. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 9, 2268–2273. <https://doi.org/10.36040/jati.v9i2.12995>
- Ginting, E., Sahara, P., & Tambunan, S. N. (n.d.). Ancaman *Denial Of Service Attack* Dalam Eksploitasi Keamanan Sistem Informasi.
- Haniyah, W., Hidayat, M. C., Putra, Z. F. I., Pertama, V. A., & Setiawan, A. (2024). Simulasi Serangan *Denial of Service* (DoS) menggunakan *Hping3* melalui Kali Linux. *Journal of Internet and Software Engineering*, 1(2), 8. <https://doi.org/10.47134/pjise.v1i2.2654>

- Hui, D., Wei, S. H., Bi, L. O., Zhu, X., & Yoon, S.-K. (2025). *Performance Evaluation of Ryu, OpenDayLight and Floodlight Controllers in Diverse Software-Defined Networking Topologies*. *Journal of Advanced Research Design*, 132(1), 103–114.
<https://doi.org/10.37934/ard.132.1.103114>
- In A. M. A. Musleh Al-Sartawi, A. Razzaque, & M. M. Kamal (Eds.), *Artificial Intelligence Systems and the Internet of Things in the Digital Era* (Vol. 239, pp. 24–35). Springer International Publishing. https://doi.org/10.1007/978-3-030-77246-8_3
- Informatika, P. S. (2023, March 27). WireShark: Perangkat Lunak Analisis Jaringan. *Program Studi SI Informatika*. <https://tif.uad.ac.id/wireshark-perangkat-lunak-analisis-jaringan/>
- Jayawardena, C., Chen, J., Bhalla, A., & Bui, L. (2025). *Comparative Analysis of POX and RYU SDN Controllers in Scalable Networks*. *International Journal of Computer Networks & Communications*, 17(2), 35–51.
<https://doi.org/10.5121/ijcnc.2025.17203>
- Krittanawong, C., Zhang, H., Wang, Z., Aydar, M., & Kitai, T. (2017). *Artificial Intelligence in Precision Cardiovascular Medicine*. *Journal of the American College of Cardiology*, 69(21), 2657–2664.
<https://doi.org/10.1016/j.jacc.2017.03.571>
- Lones, M. A. (2024). *How To Avoid Machine Learning Pitfalls: A Guide For Academic Researchers*. *Patterns*, 5(10), 101046.
<https://doi.org/10.1016/j.patter.2024.101046>
- Mininet Overview—Mininet*. (n.d.). Retrieved November 20, 2024, from <https://mininet.org/overview/>
- Naimullah, Ullah, S. I., Ullah, A. W., Salam, A., Imad, M., & Ullah, F. (2021). *Performance Analysis of POX and RYU Based on Dijkstra's Algorithm for Software Defined Networking*.

- Nóvoa, L., Tavares, V., Nahum, C., Lins, S., & Klautau, A. (2021). *Middleware implementation for RYU SDN Controller to manage switches in a C-RAN scenario. Anais Do XLVIII Seminário Integrado de Software e Hardware (SEMISH 2021)*, 19–29. <https://doi.org/10.5753/semish.2021.15803>
- Nurfalah, M. R., & Rismayadi, A. A. (2021). Implementasi VLAN Pada *Software Defined Network* Menggunakan Protokol *OpenFlow*. *eProsiding Teknik Informatika (PROTEKTIF)*, 1(1), 173–178.
- Permana, R., Ramadhani, D., & Lestari, I. (2019). Proteksi Keamanan Jaringan Komputer di Sekolah Menengah Kejuruan Al-Madani Pontianak. *International Journal of Natural Science and Engineering*, 3(1), 37. <https://doi.org/10.23887/ijnse.v3i1.22175>
- Puteri Ananda Khairunnisa, Norul Annisa, & Jadianan Parhuship. (2024). Penerapan Teknologi SDN (*Software-Defined Networking*) untuk Meningkatkan Keamanan Jaringan Perusahaan. *Teknik: Jurnal Ilmu Teknik dan Informatika*, 4(2), 1–8. <https://doi.org/10.51903/teknik.v4i2.569>
- Record-breaking 5.6 Tbps DDoS attack and global DDoS trends for 2024 Q4.* (2025, January 21). *The Cloudflare Blog*. <https://blog.cloudflare.com/ddos-threat-report-for-2024-q4/>
- Rizkiawan, M. A., Kurniawan, E., & Ramza, H. (2024). Analisis *Quality Of Service* Jaringan Nirkabel Menggunakan Wireshark Dengan Metode *Action Research*. 8(5).
- Ó Briain, D. (2020). *Ryu SDN [竜] Testbed Manual (Version 2.0.4)*. *Institute of Technology Carlow*. https://www.obriain.com/training/sdn/RYU_Soft_Testbed_v2.0.pdf
- Saleh, M., Chamidy, T., & Suhartono. (2024). Analisis Faktor-Faktor Yang Mempengaruhi Tingkat Kepuasan Siswa MTS Surya Buana Menggunakan

- Metode Regresi Logistik. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 8(3), 3463–3470. <https://doi.org/10.36040/jati.v8i3.9696>
- Sheikh, M. N. A., Hwang, I.-S., Raza, M. S., & Ab-Rahman, M. S. (2024). *A Qualitative and Comparative Performance Assessment of Logically Centralized SDN Controllers via Mininet Emulator. Computers*, 13(4), 85. <https://doi.org/10.3390/computers13040085>
- Software Defined Networking Market | Industry Report, 2030*. (n.d.). Retrieved June 30, 2025, from <https://www.grandviewresearch.com/industry-analysis/software-defined-networking-sdn-market-analysis>
- Srinivas, T. A., Donald, A., Thippanna, G., Kousar, M., & Madilety, C. (2023). *SDN Application Plane Where Intelligence Meets Networking. International Journal of Advanced Research in Science, Communication and Technology*, 512–519. <https://doi.org/10.48175/IJARSCT-8529>
- Sumayyah, Z. I., Permana, S. D. S., Tsabit, M., & Setiawan, A. (2024). Penerapan dan Mitigasi Teknik *Slowloris* dalam Serangan *Distributed Denial-of-Service* (DDoS) terhadap Website Ilegal dengan Kali Linux. *Journal of Internet and Software Engineering*, 1(2), 14–14. <https://doi.org/10.47134/pjise.v1i2.2694>
- Syahputri, A. Z., Fallenia, F. D., & Syafitri, R. (2023). Kerangka Berfikir Penelitian Kuantitatif. *TARBIYAH: Jurnal Ilmu Pendidikan dan Pengajaran*, 2(1), Article 1.
- Team, I. (2023, November 9). Perbedaan SDN dengan *Traditional Network*. *INDONET*. <https://indonet.co.id/id/perbedaan-sdn-dengan-traditional-network/>
- Tharwat, A. (2021). *Classification Assessment Methods. Applied Computing and Informatics*, 17(1), 168–192. <https://doi.org/10.1016/j.aci.2018.08.003>