

### Daftar Pustaka

Afrianto, I., Suryana, T. and Sufa'atin, S. (2015) 'Pengukuran dan Evaluasi Keamanan Informasi Menggunakan Indeks KAMI - SNI ISO/IEC 27001:2009', *Jurnal ULTIMA InfoSys*, 6(1), pp. 43–49. doi:10.31937/si.v6i1.278.

Agustin, R., Fitri, I. and Nathasia, N.D. (2018) 'Implementasi Metode Intrusion Detection Systems (IDS) dan Intrusion Prevention Systems (IPS) Berbasis Snort Server Untuk Keamanan Jaringan LAN', *Jurnal Informatika*, 18(1), pp. 71–84.

Andria (2020) 'Analisis Celah Keamanan Website Menggunakan Tools WEBPWN3R di Kali Linux', *Generation Journal*, 4(2), pp. 69–76.

Aprilianto, D., Fadila, T. and Muslim, M.A. (2017) 'Sistem Pencegahan UDP DNS Flood Dengan Filter Firewall Pada Router Mikrotik', *Techno.Com*, 16(2), pp. 114–119. doi:10.33633/tc.v16i2.1291.

Arfanudin, C. *et al.* (2019) 'Analisis Serangan Router Dengan Security Information and Event Management ( Siem ) Dan Implikasinya Pada Indeks Analysis of Router Attack With Security Information and Event Management and Implications ( Siem ) in Information Security', 2(1), pp. 1–7.

Arman, M. and Rachmat, N. (2020) 'Implementasi Sistem Keamanan Web Server Menggunakan Pfsense', *Jusikom : Jurnal Sistem Komputer Musirawas*, 5(1), pp. 13–23. doi:10.32767/jusikom.v5i1.752.

Arnaldy, D. and Perdana, A.R. (2019) 'Implementation and Analysis of Penetration Techniques Using the Man-In-The-Middle Attack', *Proceedings - 2019 2nd International Conference of Computer and Informatics Engineering: Artificial Intelligence Roles in Industrial Revolution 4.0, IC2IE 2019*, pp. 188–192. doi:10.1109/IC2IE47452.2019.8940872.

Asaad, R.R. (2021) 'Penetration Testing: Wireless Network Attacks Method on Kali Linux OS', *Academic Journal of Nawroz University*, 10(1), p. 7. doi:10.25007/ajnu.v10n1a998.

Asghari, V., Amiri, Shima and Amiri, Shabnam (2016) 'Implementing UTM based on PfSense platform', *Conference Proceedings of 2015 2nd International Conference on Knowledge-Based Engineering and Innovation, KBEI 2015*, pp.

1150–1152. doi:10.1109/KBEI.2015.7436210.

Ashoor, A.S. and Gore, S. (2011) ‘Difference between Intrusion Detection System (IDS) and Intrusion Prevention System (IPS)’, in *Communications in Computer and Information Science*, pp. 497–501. doi:10.1007/978-3-642-22540-6\_48.

Badan Siber dan Sandi Negara (2022) ‘Laporan Tahunan Monitoring Keamanan Siber 2’, pp. 54–55. Available at: <https://cloud.bssn.go.id/s/Lyw8E4LxwNiJoNw>.

BSSN (2021) *INDEKS KAMI* | [bssn.go.id](https://bssn.go.id). Available at: <https://bssn.go.id/indeks-kami/> (Accessed: 15 June 2022).

Dar, M.H. and Harahap, S.Z. (2017) ‘Implementasi Snort Intrusion Detection System (Ids) Pada Sistem Jaringan Komputer’, *Jurnal Informatika*, 6(3), pp. 14–23. doi:10.36987/informatika.v6i3.1619.

Denis, M., Zena, C. and Hayajneh, T. (2016) ‘Penetration testing: Concepts, attack methods, and defense strategies’, *2016 IEEE Long Island Systems, Applications and Technology Conference, LISAT 2016* [Preprint]. doi:10.1109/LISAT.2016.7494156.

Ditjen Aptika (2021) *Warganet Meningkat, Indonesia Perlu Tingkatkan Nilai Budaya di Internet – Ditjen Aptika, Kementerian Komunikasi dan Informatika Direktorat Jenderal Aplikasi Informatika*. Available at: <https://aptika.kominfo.go.id/2021/09/warganet-meningkat-indonesia-perlu-tingkatkan-nilai-budaya-di-internet/> (Accessed: 27 June 2022).

Eka Pratama, I.P.A. and Wiradarma, A.A.B.A. (2018) ‘Implementasi Katoolin Sebagai Penetrasi Tools Kali Linux Pada Linux Ubuntu 16.04 (Studi Kasus: Reverse Engineering File .Apk)’, *Jurnal RESISTOR (Rekayasa Sistem Komputer)*, 1(2), pp. 86–93. doi:10.31598/jurnalresistor.v1i2.278.

Firdaus, B.P. and Suartana, I.M. (2021) ‘Implementasi Keamanan Jaringan Intrusion Detection/Prevention System Menggunakan Pfsense’, *Jurnal Manajemen Informasi*, 4(1), pp. 1–9.

Gaddam, R.T. and Nandhini, M. (2017) ‘An analysis of various snort based techniques to detect and prevent intrusions in networks: Proposal with code refactoring snort tool in Kali Linux environment’, *Proceedings of the International*

*Conference on Inventive Communication and Computational Technologies, ICICCT 2017*, pp. 10–15. doi:10.1109/ICICCT.2017.7975177.

Husin, M.F., Wowor, H., and Karouw, S.D.. (2017) ‘Implementasi Indeks Kami Di Universitas Sam Ratulangi’, *Jurnal Teknik Informatika*, 12(1).

Kim, H. *et al.* (2009) ‘Visualization of network components for attack analysis’, *2009 IEEE Symposium on Computational Intelligence in Cyber Security, CICS 2009 - Proceedings* [Preprint]. doi:10.1109/CICYBS.2009.4925082.

Krupa, P. and Priyanka, S. (2017) ‘A Review paper on pfsense – an Open source firewall introducing with different capabilities & customization’, *International Journal of Advance Research and Innovative Ideas in Education*, 3(2), pp. 635–641. Available at: <https://www.untangle.com/par> (Accessed: 6 July 2022).

Kurniawan, R. (2016) ‘Analisis Dan Implementasi Desain Jaringan Hotspot Berbasis Mikrotik Menggunakan Metode NDLC (Network Development Life Cycle) Pada BPU Bagas Raya Lubuk Linggau’, *Jurnal Ilmiah Betrik*, 7(01), pp. 50–59. doi:10.36050/betrik.v7i01.12.

Najafabadi, M.M. *et al.* (2016) ‘Detection of SSH brute force attacks using aggregated netflow data’, *Proceedings - 2015 IEEE 14th International Conference on Machine Learning and Applications, ICMLA 2015*, pp. 283–288. doi:10.1109/ICMLA.2015.20.

Puspita, O. *et al.* (2015) ‘Desain Dan Analisa Infrastruktur Jaringan Wireless Di Pdi-Lipi Jakarta Dengan Menggunakan Metode Network Development Life Cycle ( Ndlc ) Design and Analysis of Infrastructure Wireless Network in Pdi-Lipi Jakarta Using Network Development Life Cycle ( Nd’ , *Telkom University*, 2(2), pp. 5811–5819.

Ramesh, P., Bhaskari, D.L. and -, C.S. (2010) ‘A Comprehensive Analysis of Spoofing’, *International Journal of Advanced Computer Science and Applications*, 1(6). doi:10.14569/ijacsa.2010.010623.

*Rentetan Kasus Dugaan Kebocoran Data Kesehatan Pemerintah (2021) CNN Indonesia.* Available at: <https://www.cnnindonesia.com/teknologi/20210903142047-185-689370/rentetan->

kasus-dugaan-kebocoran-data-kesehatan-pemerintah/2 (Accessed: 13 June 2022).

Salah, K. and Kahtani, A. (2009) 'Improving Snort performance under Linux', *IET Communications*, 3(12), p. 1883. doi:10.1049/iet-com.2009.0114.

Senthilkumar, P. and Muthukumar, M. (2018) 'A study on firewall system, scheduling and routing using pfsense scheme', *Proceedings of IEEE International Conference on Intelligent Computing and Communication for Smart World, I2C2SW 2018*, pp. 14–17. doi:10.1109/I2C2SW45816.2018.8997167.

Tripathi, N. and Hubballi, N. (2018) 'Detecting stealth DHCP starvation attack using machine learning approach', *Journal of Computer Virology and Hacking Techniques*, 14(3), pp. 233–244. doi:10.1007/s11416-017-0310-x.

Xia, J. *et al.* (2019) 'An active defense solution for arp spoofing in open flow network', *Chinese Journal of Electronics*, 28(1), pp. 172–178. doi:10.1049/cje.2017.12.002.

Yanto, H. and Hadi, F. (2020) 'Intruder Detection Monitoring System in Computer Networks Using Snort Based Sms Alert (Sistem Monitoring Deteksi Penyusup Dalam Jaringan Komputer Menggunakan Snort Berbasis Sms Alert)', *Jurnal KomtekInfo*, 7(2), pp. 159–170. doi:10.35134/komtekinfo.v7i2.76.

Younes, O.S. (2017) 'Securing ARP and DHCP for mitigating link layer attacks', *Sadhana - Academy Proceedings in Engineering Sciences*, 42(12), pp. 2041–2053. doi:10.1007/s12046-017-0749-y.

Yunella, M. *et al.* (2019) 'Evaluasi Tata Kelola Keamanan Informasi Pada Dinas Komunikasi Dan Informatika Kota Malang Menggunakan Indeks KAMI', *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 3(10), pp. 9552–9559. Available at: <http://j-ptiik.ub.ac.id>.

Zebari, R.R., Zeebaree, S.R.M. and Jacksi, K. (2018) 'Impact Analysis of HTTP and SYN Flood DDoS Attacks on Apache 2 and IIS 10.0 Web Servers', *ICOASE 2018 - International Conference on Advanced Science and Engineering*, pp. 156–161. doi:10.1109/ICOASE.2018.8548783.