

DAFTAR PUSTAKA

- [1] T. Benson, A. Akella dan D. Maltz, “Unraveling the Complexity of Network Management,” *NSDI’09 Proceedings of the 6th USENIX symposium on Networked systems design and implementation* , pp. 335-348, 2009.
- [2] D. Kreutz, F. . M. V. Ramos, P. Verissimo, C. . E. Rothenberg, S. Azodolmolky dan S. Uhlig, “Software-Defined Networking: A Comprehensive Survey,” *Proceedings of the IEEE*, vol. 103, pp. 14-76, 2015.
- [3] “Software-Defined Networking (SDN) Definition,” Open Networking Foundation (ONF), [Online]. Available: <https://www.opennetworking.org/sdn-resources/sdn-definition>. [Diakses 03 Juni 2017].
- [4] B. Raghavan, T. Koponen dan A. Ghodsi, “Software-Defined Internet Architecture: Decoupling Architecture from Infrastructure,” *Proceeding HotNets-XI Proceedings of the 11th ACM Workshop on Hot Topics in Networks* , pp. 43-48, 2012.
- [5] W. Xia, Y. Wen, C. H. Foh, D. Niyato dan H. Xie, “A Survey on Software-Defined Networking,” *IEEE COMMUNICATION SURVEYS & TUTORIALS, VOL. 17, NO. 1, FIRST QUARTER*, vol. 17, pp. 27-51, 2015.
- [6] UGM, “Infrastruktur Teknologi Informasi,” [Online]. Available: <https://dssdi.ugm.ac.id/infrastruktur-teknologi-informasi>. [Diakses 5 Juni 2017].
- [7] S. Ramadona, B. A. Hidayatulloh, D. F. Siswanto dan N. Syambas, “The Simulation of SDN Network Using POX Controller: Case in Politeknik Caltex Riau,” dalam *Telecommunication Systems Services and Applications (TSSA), 2015 9th International Conference on*, Bandung, 2016.
- [8] M. Rahim, M. R. Hikmatullah, G. . J. Saskara dan S. N. Rachmana, “Simulation of network migration to software-defined network: Case study: ITB Ganesha campus,” dalam *Telecommunication Systems Services and Applications (TSSA), 2015 9th International Conference on*, Bandung, 2016.

- [9] A. Rastogi dan A. Bais, “Comparative Analysis of Software Defined Networking (SDN) Controllers – In Terms of Traffic Handling Capabilities,” dalam *Multi-Topic Conference (INMIC), 2016 19th International*, Islamabad, Pakistan, 2016.
- [10] H. Ghalwash dan C.-H. Huang, “On SDN-Based Extreme-Scale Networks,” *High Performance Extreme Computing Conference (HPEC), 2016 IEEE*, 2016.
- [11] S. Ortiz, “Software-Defined Networking: On the Verge of a Breakthrough?,” *Computer*, vol. 46, no. 7, pp. 10-12, 8 Agustus 2013.
- [12] Open Networking Foundation, “Software-Defined Networking: The New Norm for Networks,” 2012. [Online]. Available: <https://www.opennetworking.org/images/stories/downloads/sdn-resources/white-papers/wp-sdn-newnorm.pdf>. [Diakses 1 Mei 2017].
- [13] S. Sezer, S. Scott-Hayward, P. K. Chouhan, B. Fraser, D. Lake, J. Finnegan, N. Viljoen, M. Miller dan N. Rao, “Are We Ready for SDN? Implementation Challenges for Software-Defined Networks,” *IEEE Communications Magazine*, vol. 51, no. 7, pp. 36-43, 2013.
- [14] A. Gelberger, N. Yemini dan R. Giladi, “Performance Analysis of Software-Defined Networking (SDN),” *2013 IEEE 21st International Symposium on Modelling, Analysis & Simulation of Computer and Telecommunication Systems*, pp. 389-393, 2013.
- [15] H. Zhang dan J. Yan, “Performance of SDN Routing in Comparison with Legacy Routing Protocols,” *2015 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery*, pp. 491-494, 2015.
- [16] Y. Zhao, L. Iannone dan M. Riguidel, “On the Performance of SDN Controllers: A Reality Check,” *2015 IEEE Conference on Network Function Virtualization and Software Defined Network (NFV-SDN)*, pp. 79-85, 2015.
- [17] P. Isaia dan L. Guan, “Performance Benchmarking of SDN Experimental,” *NetSoft Conference and Workshops (NetSoft), 2016 IEEE*, pp. 116-120, 2016.
- [18] F. Yamei, L. Qing dan H. Qi, “Research and Comparative Analysis of Performance Test on SDN Controller,” *2016 First IEEE International Conference on Computer Communication and the Internet*, pp. 207-

210, 2016.

- [19] “OPENDAYLIGHT,” The OpenDaylight Consortium, [Online]. Available: <https://www.opendaylight.org/platform-overview>. [Diakses 1 Juni 2017].
- [20] “The Open Network Operating System (ONOS),” ON.Labs, [Online]. Available: <http://onosproject.org/>. [Diakses 1 Juni 2017].
- [21] P. Bispo, D. Corujo dan R. L. Aguiar, “A Qualitative and Quantitative assessment of SDN Controllers,” *2017 International Young Engineers Forum*, pp. 6-11, 2017.
- [22] P. Berde, M. Gerola, J. Hart, Y. Higuchi, M. Kobayashi, T. Koide, B. Lantz, B. O’Connor, P. Radoslavov, W. Snow dan G. Palurkar, “ONOS: Towards an Open, Distributed SDN OS,” *Proceedings of the third workshop on Hot topics in software defined networking*, pp. 1-6, 2014.
- [23] N. McKeown, T. Anderson, H. Balakrishnan, G. Parulkar, L. Peterson, J. Rexford, S. Shenker dan J. Turner, “OpenFlow: Enabling Innovation in Campus Networks,” *ACM SIGCOMM Computer Communication Review*, vol. 38, no. 2, pp. 69-74, 2008.
- [24] P. Göransson dan C. Black, *Software Defined Networks A Comprehensive Approach*, Waltham: Morgan Kaufmann, 2014.
- [25] ON.LABS, “Introducing ONOS - a SDN network operating system for Service Providers,” November 2014. [Online]. Available: <http://onosproject.org/wp-content/uploads/2014/11/Whitepaper-ONOS-final.pdf>. [Diakses Juni 2017].
- [26] O. Alliance, “Architecture OSGi Alliance,” [Online]. Available: <https://www.osgi.org/developer/architecture/>. [Diakses 2 Juni 2017].
- [27] T. Bakhshi, “State of the Art and Recent Research Advances in Software Defined Networking,” *Wireless Communications and Mobile Computing*, vol. 2017, 2017.
- [28] O. N. Foundation, “Intent NBI – Definition and Principles,” 2016.
- [29] J. Medved, R. Varga, A. Tkacik dan K. Gray, “OpenDaylight: Towards a Model-Driven SDN Controller Architecture,” *World of Wireless, Mobile and Multimedia Networks (WoWMoM), 2014 IEEE 15th International Symposium on a*, 2014.

- [30] Mininet, "Mininet," [Online]. Available: <http://mininet.org/>. [Diakses 1 Juni 2017].
- [31] B. Lantz, B. Heller dan N. McKeown, "A Network in a Laptop: Rapid Prototyping for Software-Defined Networks," *9th ACM SIGCOMM Workshop on Hot Topics in Networks*, 2010.
- [32] A. Botta, A. Dainotti dan . A. Pescapé, "A tool for the generation of realistic network workload for emerging networking scenarios," *Computer Networks (Elsevier)*, vol. 56, no. 15, pp. 3531-3547, 2012.
- [33] "D-ITG, Distributed Internet Traffic Generator," Universita' degli Studi di Napoli "Federico II" (Italy), [Online]. Available: <http://www.grid.unina.it/software/ITG/index.php>. [Diakses 1 Juni 2017].
- [34] S. Srivastava, S. Anmulwar, D. A. Sapkal, T. Batra, A. K. Gupta dan V. Kumar, "Comparative study of various Traffic Generator Tools," *Engineering and Computational Sciences (RAECS), 2014 Recent Advances in*, 2014.
- [35] S. S. Kolahi, . S. Naraya, . D. D. T. Nguyen dan Y. Sunarto, "Performance Monitoring of Various Network Traffic Generators," *2011 UKSim 13th International Conference on Modelling and Simulation*, pp. 501-506, 2011 .
- [36] M. v. Steen, *Graph Theory and Complex Networks An Introduction*, Maarten van Steen, 2010.
- [37] N. Kamiyama, R. Kawahara, T. Mori, S. Harada dan H. Hasegawa, "Impact of Topology on Parallel Video Streaming," *Network Operations and Management Symposium (NOMS), 2010 IEEE*, pp. 607-614, 2010.
- [38] P. Mahadevan, D. Krioukov, M. Fomenkov, B. Huffaker, X. Dimitropoulos, k. claffy dan A. Vahdat, "Lessons from Three Views of the Internet Topology," 2005.
- [39] M. C. Luizelli, L. R. Bays, L. S. Buriol, M. . P. Barcellos dan L. P. Gaspary, "How physical network topologies affect virtual network embedding quality: A characterization study based on ISP and datacenter networks," *Journal of Network and Computer Applications* 70, vol. 70, pp. 1-16, 2016.

- [40] “Monitoring UGM,” Universitas Gadjah Mada, June 2017. [Online]. Available: <http://mon.ugm.ac.id>. [Diakses 01 June 2017].
- [41] L. Nussbau dan O. Richard, “A Comparative Study of Network Link Emulators,” dalam *Communications and Networking Simulation Symposium (CNS’09)*, 2009.
- [42] S. Mishra, S. Sonavane dan A. Gupta, “Study of Traffic Generation Tools,” *International Journal of Advanced Research in Computer and Communication Engineering*, vol. IV, no. 6, pp. 159-162, 2015.
- [43] “[CAIDA) - Center for Applied Internet Data Analysis logo] Center for Applied Internet Data Analysis,” [Online]. Available: <http://www.caida.org/tools/visualization/mapnet/Data/inc.txt>. [Diakses 20 Juni 2017].
- [44] F. Ketu dan S. Askar, “Emulation of Software Defined Networks Using Mininet in Different Simulation,” *2015 6th International Conference on Intelligent Systems, Modelling and Simulation*, pp. 205-210, 2015.
- [45] “The OpenDaylight Platform,” Linux Foundation, [Online]. Available: <https://www.opendaylight.org/>. [Diakses 1 Juni 2017].