REFERENCES

[1] V. Jacobson, D. K. Smetters, J. D. Thornton, M. F. Plass, N. H. Briggs, and R. L. Braynard, "Networking named content," 2009.

[2] L. Zhang, A. Afanasyev, J. Burke, V. Jacobson, k. claffy, P. Crowley, C. Papadopoulos, L. Wang, and B. Zhang, "Named data networking," *SIGCOMM Comput. Commun. Rev.*, vol. 44, no. 3, p. 66–73, Jul. 2014.

[3] A. Afanasyev, J. Burke, T. Refaei, L. Wang, B. Zhang, and L. Zhang, "A brief introduction to named data networking," in *MILCOM 2018 - 2018 IEEE Military Communications Conference (MILCOM)*, 2018, pp. 1–6.

[4] D. Saxena, V. Raychoudhury, N. Suri, C. Becker, and J. Cao, "Named data networking: A survey," *Computer Science Review*, vol. 19, pp. 15–55, 2016. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S1574013715300599

[5] Y. Liu and H. Wadekar, "Sdar: Software defined intra-domain routing in named data networks," in *2016 IEEE 15th International Symposium on Network Computing and Applications (NCA)*, 2016, pp. 158–161.

[6] M. Alhowaidi, D. Nadig, B. Ramamurthy, B. Bockelman, and D. Swanson, "Multipath forwarding strategies and sdn control for named data networking," in *2018 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)*, 2018, pp. 1–6.

[7] E. Aubry, T. Silverston, and I. Chrismen, "Implementation and evaluation of a controller-based forwarding scheme for ndn," in *2017 IEEE 31st International*

Conference on Advanced Information Networking and Applications (AINA), 2017, pp. 144–151.

[8] J. V. Torres, L. H. G. Ferraz, and O. C. M. B. Duarte, "Controller-based routing scheme for named data network," 2012.

[9] J. V. Torres, I. D. Alvarenga, R. Boutaba, and O. C. M. Duarte, "An autonomous and efficient controller-based routing scheme for networking named-data mobility," *Computer Communications*, vol. 103, pp. 94–103, 2017. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0140366417301494

[10] J. Torres, I. Drummond, R. Boutaba, and O. C. M. B. Duarte, "Evaluating cros-ndn: a comparative performance analysis of a controller-based routing scheme for named-data networking," *Journal of Internet Services and Applications*, vol. 10, 12 2019.

[11] A. Tariq and R. A. Rehman, "Cbam: A controller based broadcast storm avoidance mechanism in sdn based ndn-iots," in *2020 3rd International Conference on Advancements in Computational Sciences (ICACS)*, 2020, pp. 1–6.

[12] S. Kalafatidis, S. Skaperas, V. Demiroglou, L. Mamatas, and V. Tsaoussidis, "Logically-centralized sdn-based ndn strategies for wireless mesh smart-city networks," *Future Internet*, vol. 15, p. 19, 12 2022.

[13] I. A. Assyifatunisa, M. Rofi, M. S. R. Setiawan, L. V. Yovita, S. N. Hertiana, and T. A. Wibowo, "Centralized controller implementation in named data network (ndn)," in *2023 2nd International Conference on Computer System, Information Technology, and Electrical Engineering (COSITE)*, 2023, pp. 138–142.

[14] A. A. Ramadha, L. V. Yovita, T. A. Wibowo, and I. A. Assyifatunisa, "Adaptive forwarding and routing of named data networking a survey," *Buletin Pos dan Telekomunikasi*, vol. 21, pp. 32–50, 11 2023.

[15] Cisco annual internet report (2018–2023) white paper. [Online]. Available: https://www.cisco.com/c/en/us/solutions/collateral/executive-perspectives/annual-internet-report/white-paper-c11-741490.pdf

[16] Q.-Y. Zhang, X.-W. Wang, M. Huang, K.-Q. Li, and S. K. Das, "Software defined networking meets information centric networking: A survey," *IEEE Access*, vol. 6, pp. 39 547–39 563, 2018.

[17] N. D. Networking. (2023) Ndn packet format specification. [Online]. Available: https://docs.named-data.net/NDN-packet-spec/current/

[18] A. K. M. M. Hoque, S. O. Amin, A. Alyyan, B. Zhang, L. Zhang, and L. Wang, "Nlsr: Named-data link state routing protocol," in *Proceedings of the 3rd ACM SIGCOMM Workshop on Information-Centric Networking*, ser. ICN '13. New York, NY, USA: Association for Computing Machinery, 2013, p. 15–20. [Online]. Available: https://doi.org/10.1145/2491224.2491231

[19] A. Afanasyev, J. Shi, B. Zhang, L. Zhang, I. Moiseenko, Y. Yu, W. Shang, Y. Li, S. Mastorakis, Y. Huang, J. P. Abraham, C. Fan, C. Papadopoulos, D. Pesavento, G. Grassi, H. Zhang, T. Song, H. Yuan, H. B. Abraham, P. Crowley, S. Obaid, V. Lehman, and L. Wang, "Nfd developer's guide (revision 11)," Tech. Rep., 2021.

[20] V. Lehman, A. Gawande, B. Zhang, L. Zhang, R. Aldecoa, D. Krioukov, and L. Wang, "An experimental investigation of hyperbolic routing with a smart forwarding plane in ndn," in *2016 IEEE/ACM 24th International Symposium on Quality of Service (IWQoS)*, 2016, pp. 1–10.

[21] S. Patra and S. Mishra, "Self similarity effect of rtt and rto in network congestion control mechanism," pp. 1–4, 03 2016.

[22] B. A. Forouzan, *Data Communications and Networking*, 5th ed. New York, NY: McGraw-Hill Professional, Feb. 2012.

[23] W. T. Ariefianto, N. R. Syambas, Hendrawan, L. V. Yovita, and A. A. Ramadha, *International Journal of Intelligent Engineering and Systems*, vol. 16, no. 1, p. 265–276, 2023. [Online]. Available: http://dx.doi.org/10.22266/ijies2023.0228.24

[24] D. Savage, J. Ng, S. Moore, D. Slice, P. Paluch, and R. White, "Cisco's Enhanced Interior Gateway Routing Protocol (EIGRP)," RFC 7868, May 2016. [Online]. Available: https://www.rfc-editor.org/info/rfc7868