
BIBLIOGRAPHY

- [1] Cisco, “Fog computing and the internet of things: Extend the cloud to where the things are,” tech. rep., Cisco, 2015.
- [2] H.-C. Lin, Y.-C. Kan, and Y.-M. Hong, “The comprehensive gateway model for diverse environmental monitoring upon wireless sensor network,” *IEEE Sensors Journal*, vol. 11, no. 5, pp. 1293–1303, 2011.
- [3] M. Ali, J. M. Zain, M. F. Zolkipli, and G. Badshah, “Taxonomy of computational offloading in mobile devices,” *World Applied Sciences Journal*, vol. 33, no. 12, pp. 1798–1805, 2015.
- [4] H. Wu, “Multi-objective decision-making for mobile cloud offloading: A survey,” *IEEE Access*, 2018.
- [5] N. I. M. Enzai and M. Tang, “A taxonomy of computation offloading in mobile cloud computing,” in *Mobile Cloud Computing, Services, and Engineering (MobileCloud), 2014 2nd IEEE International Conference on*, pp. 19–28, IEEE, 2014.
- [6] Z. Wen, R. Yang, P. Garraghan, T. Lin, J. Xu, and M. Rovatsos, “Fog orchestration for internet of things services,” *IEEE Internet Computing*, vol. 21, no. 2, pp. 16–24, 2017.
- [7] M. Lazarescu, *Wireless Sensor Networks for the Internet of Things: Barriers and Synergies*, pp. 155–186. 09 2017.
- [8] M. Farsi, M. A. Elhosseini, M. Badawy, H. A. Ali, and H. Z. Eldin, “Deployment techniques in wireless sensor networks, coverage and connectivity: A survey,” *IEEE Access*, vol. 7, pp. 28940–28954, 2019.
- [9] S. M. Oteafy and H. S. Hassanein, “Iot in the fog: A roadmap for data-centric iot development,” *IEEE Communications Magazine*, vol. 56, no. 3, pp. 157–163, 2018.
- [10] C. Mouradian, D. Naboulsi, S. Yangui, R. H. Glitho, M. J. Morrow, and P. A. Polakos, “A comprehensive survey on fog computing: State-of-the-art and research challenges,” *IEEE Communications Surveys & Tutorials*, 2017.
- [11] P. Kumarawadu, D. J. Dechene, M. Luccini, and A. Sauer, “Algorithms for node clustering in wireless sensor networks: A survey,” in *2008 4th International Conference on Information and Automation for Sustainability*, pp. 295–300, IEEE, 2008.

- [12] S. Periyasamy, S. Khara, and S. Thangavelu, "Balanced cluster head selection based on modified k-means in a distributed wireless sensor network," *International Journal of Distributed Sensor Networks*, vol. 2016, p. 2, 2016.
- [13] A. Yousefpour, G. Ishigaki, R. Gour, and J. P. Jue, "On reducing iot service delay via fog offloading," *IEEE Internet of Things Journal*, 2018.
- [14] L. Gu, D. Zeng, S. Guo, A. Barnawi, and Y. Xiang, "Cost efficient resource management in fog computing supported medical cyber-physical system," *IEEE Transactions on Emerging Topics in Computing*, vol. 5, no. 1, pp. 108–119, 2015.
- [15] S. Sarkar, S. Chatterjee, and S. Misra, "Assessment of the suitability of fog computing in the context of internet of things," *IEEE Transactions on Cloud Computing*, vol. 6, no. 1, pp. 46–59, 2015.
- [16] X. Guo, R. Singh, T. Zhao, and Z. Niu, "An index based task assignment policy for achieving optimal power-delay tradeoff in edge cloud systems," in *2016 IEEE International Conference on Communications (ICC)*, pp. 1–7, IEEE, 2016.
- [17] C. Fricker, F. Guillemin, P. Robert, and G. Thompson, "Analysis of an offloading scheme for data centers in the framework of fog computing," *ACM Transactions on Modeling and Performance Evaluation of Computing Systems (TOMPECS)*, vol. 1, no. 4, pp. 1–18, 2016.
- [18] R. Beraldi, A. Mtibaa, and H. Alnuweiri, "Cooperative load balancing scheme for edge computing resources," in *2017 Second International Conference on Fog and Mobile Edge Computing (FMEC)*, pp. 94–100, IEEE, 2017.
- [19] J. Balen, D. Zagar, and G. Martinovic, "Quality of service in wireless sensor networks: a survey and related patents," *Recent Patents on Computer Science*, vol. 4, no. 3, pp. 188–202, 2011.
- [20] F. Bonomi, R. Milito, J. Zhu, and S. Addepalli, "Fog computing and its role in the internet of things," in *Proceedings of the first edition of the MCC workshop on Mobile cloud computing*, pp. 13–16, ACM, 2012.
- [21] O. Younis, M. Krunz, and S. Ramasubramanian, "Node clustering in wireless sensor networks: recent developments and deployment challenges," *IEEE network*, vol. 20, no. 3, pp. 20–25, 2006.

- [22] P. Sasikumar and S. Khara, "K-means clustering in wireless sensor networks," in *Computational intelligence and communication networks (CICN), 2012 fourth international conference on*, pp. 140–144, IEEE, 2012.
- [23] S. A. L. Mary, A. Sivagami, and M. U. Rani, "Cluster validity measures dynamic clustering algorithms," *ARPJ Journal of Engineering and Applied Sciences*, vol. 10, no. 9, 2015.
- [24] T. Caliński and J. Harabasz, "A dendrite method for cluster analysis," *Communications in Statistics-theory and Methods*, vol. 3, no. 1, pp. 1–27, 1974.
- [25] A. Bechtolsheim, L. Dale, H. Holbrook, and A. Li, "Why big data needs big buffer switches," *Arista White Paper*, vol. 10, 2016.
- [26] W. Shao, J.-L. Rougier, A. Paris, F. Devienne, and M. Viste, "One-to-one matching of rtt and path changes," in *2017 29th International Teletraffic Congress (ITC 29)*, vol. 1, pp. 196–204, IEEE, 2017.