

REFERENCES

- [1] C. L. Chamas, D. Cordeiro, and M. M. Eler, 'Comparing REST, SOAP, Socket and gRPC in computation offloading of mobile applications: An energy cost analysis', in *2017 IEEE 9th Latin-American Conference on Communications (LATINCOM)*, Guatemala City, Nov. 2017, pp. 1–6. doi: 10.1109/LATINCOM.2017.8240185.
- [2] X. J. Hong, H. Sik Yang, and Y. H. Kim, 'Performance Analysis of RESTful API and RabbitMQ for Microservice Web Application', in *2018 International Conference on Information and Communication Technology Convergence (ICTC)*, Jeju, Oct. 2018, pp. 257–259. doi: 10.1109/ICTC.2018.8539409.
- [3] 'API Features Individualizing of Web Services: REST and SOAP', *Int. J. Innov. Technol. Explor. Eng.*, vol. 8, no. 9S, pp. 664–671, Aug. 2019, doi: 10.35940/ijitee.I1107.0789S19.
- [4] T. Fertig and P. Braun, 'Model-driven Testing of RESTful APIs', p. 6.
- [5] E. Kemer and R. Samli, 'Performance comparison of scalable rest application programming interfaces in different platforms', *Comput. Stand. Interfaces*, vol. 66, p. 103355, Oct. 2019, doi: 10.1016/j.csi.2019.05.001.
- [6] C. Jia *et al.*, 'Improving the Performance of Distributed TensorFlow with RDMA', *Int. J. Parallel Program.*, vol. 46, no. 4, pp. 674–685, Aug. 2018, doi: 10.1007/s10766-017-0520-3.
- [7] I. Ivanov, 'Comparing the performance of SNMP to Network Telemetry streaming with gRPC/GPB', p. 4, 2018.
- [8] A. Mahajan, Y. Xue, and J. Weisskoff, 'Implementing Data Flow Assertions in gRPC and Protobufs – Final Report', p. 7.
- [9] B. Shafabakhsh, R. Lagerström, and S. Hacks, 'Evaluating the Impact of Inter Process Communication in Microservice Architectures', p. 9, 2020.
- [10] C. H. Kao, C. C. Lin, and J.-N. Chen, 'Performance Testing Framework for REST-Based Web Applications', in *2013 13th International Conference on Quality Software*, Najing, China, Jul. 2013, pp. 349–354. doi: 10.1109/QSIC.2013.32.
- [11] R. Johnston, 'Service transaction analysis: assessing and improving the customer's experience', *Manag. Serv. Qual. Int. J.*, vol. 9, no. 2, pp. 102–109, Apr. 1999, doi: 10.1108/09604529910257876.