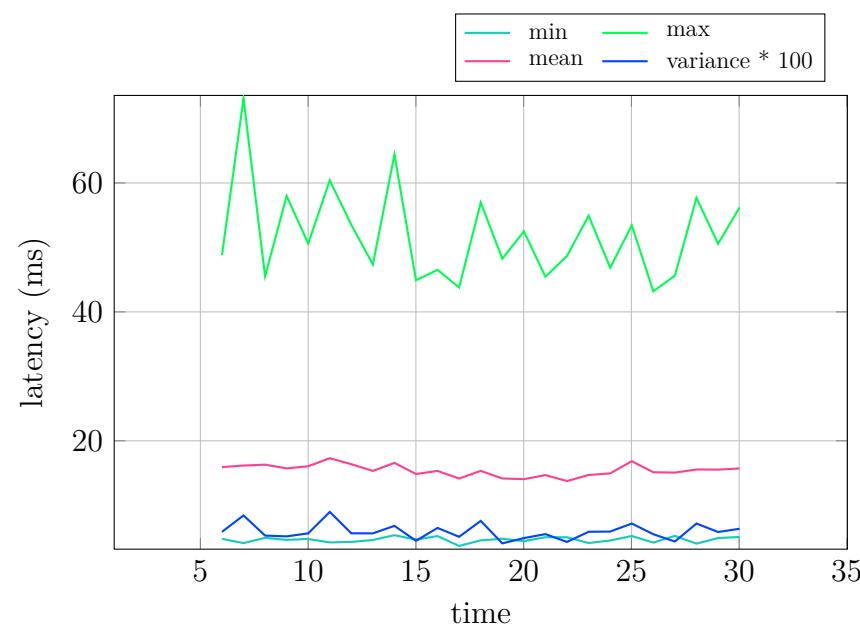
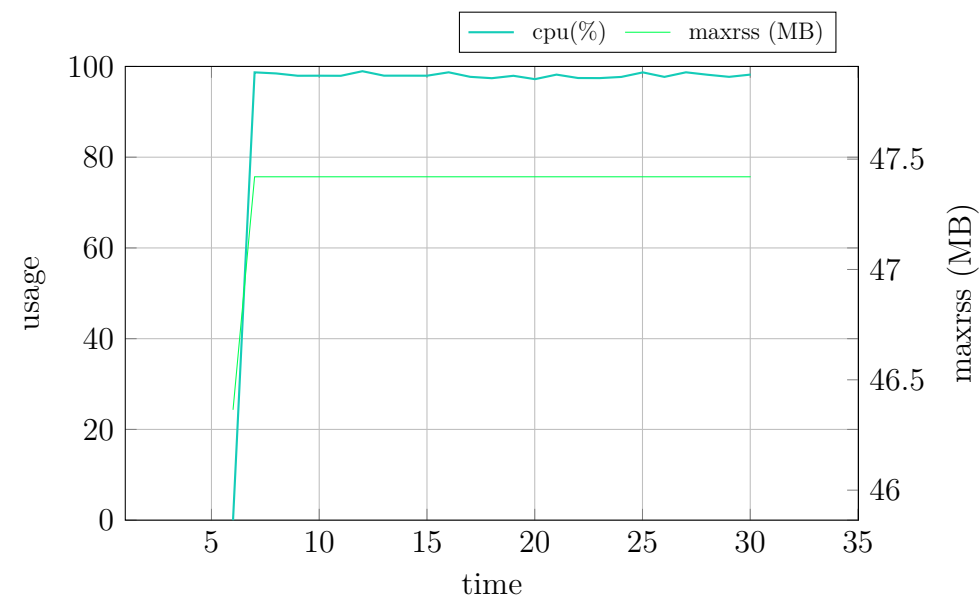


Performance cyclonedds

| | |
|--------------------|--|
| Logfile name | 5f7d42fb-69f2-4f88-848b-69b560776164.csv |
| Experiment id | c491bff3-dc6b-4e3d-8c1d-befb25938f71 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|--------------|
| Performance Test Version | 2113db4 |
| Publishing rate | 0 |
| Topic name | PointCloud1m |
| Number of publishers | 1 |
| Number of subscribers | 10 |
| Maximum runtime (sec) | 30 |
| DDS domain id | 0 |
| Single participant | - |

average results

| | |
|----------------------------|-----------------|
| Experiment Status | success |
| T_loop | 1.0001 |
| received | 1110.96 |
| sent | 111.12 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 1177202411.92 |
| latency_min (ms) | 4.6674 |
| latency_max (ms) | 51.8876 |
| latency_mean (ms) | 15.42 |
| latency_variance (ms) | 0.0593 |
| pub_loop_res_min (ms) | -18266.24 |
| pub_loop_res_max (ms) | 9223000000000.0 |
| pub_loop_res_mean (ms) | 4613480000000.0 |
| pub_loop_res_variance (ms) | 2.127e+22 |
| sub_loop_res_min (ms) | 0.0 |
| sub_loop_res_max (ms) | 0.0 |
| sub_loop_res_mean (ms) | 0.0 |
| sub_loop_res_variance (ms) | 0.0 |
| cpu_usage (%) | 94.1116 |
| max_ram_usage (MB) | 47.42 |

environment

| | |
|-------------------------------|--------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | PointCloud1m |
| QOS Durability | VOLATILE |
| QOS History depth | 100 |
| QOS History kind | KEEP_LAST |
| QOS Reliability | RELIABLE |
| QOS Sync. pub/sub | 0 |
| RMW Implementation | rmw_cyclonedds_cpp |
| Roundtrip Mode | NONE |
| With security | 0 |
| Zero copy transfer | 0 |