# Performance cyclonedds
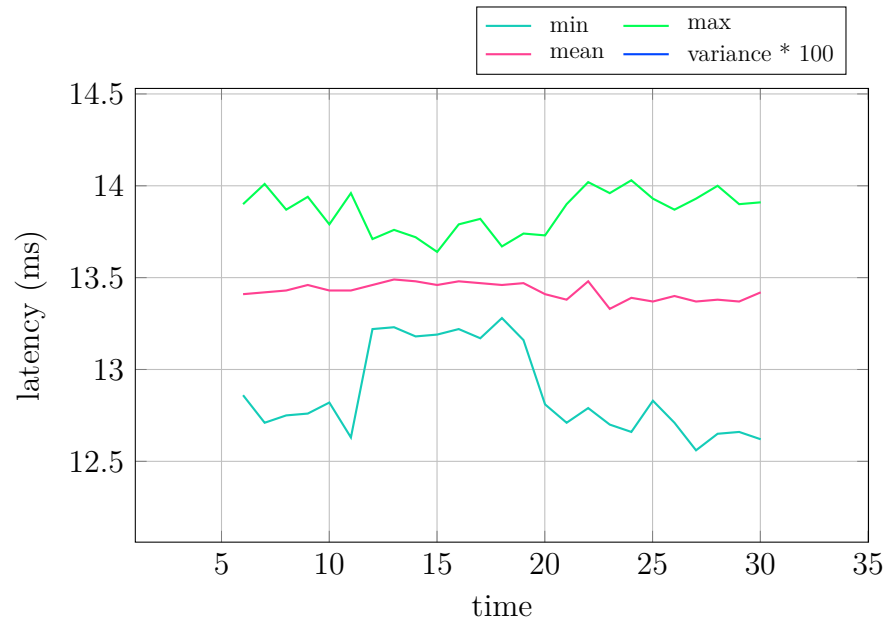
Latencies
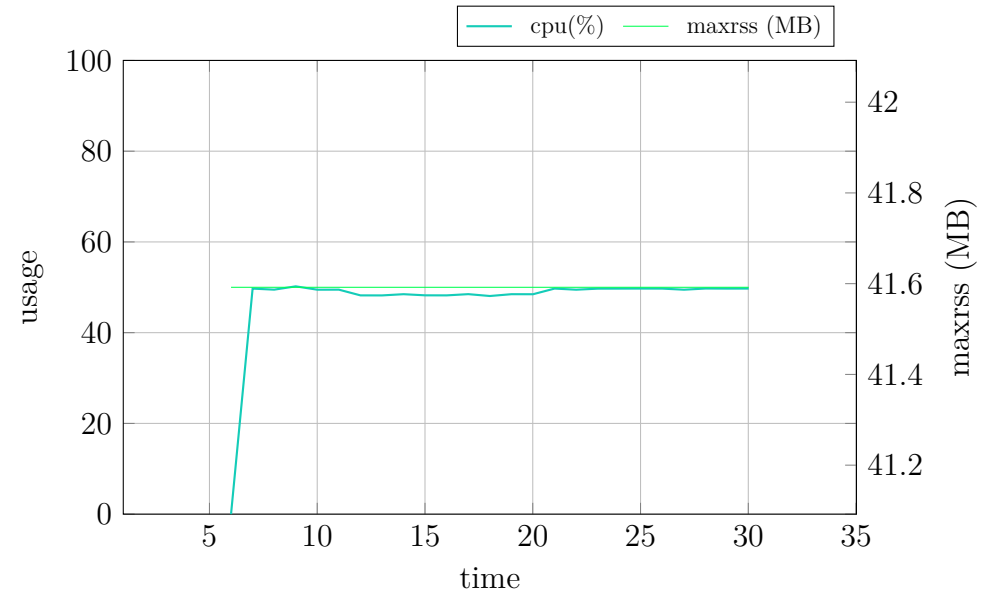


Resource usage (man getrusage)

| test setup | | average results | | environment | |
|---|---|---|---|---|---|
| Performance Test Version | 2113db4 | Experiment Status | success | Ignore seconds from beginning | 5 |
| Publishing rate | 0 | T_loop | 1.0002 | Memory check enabled | 0 |
| Topic name | PointCloud4m | received | 146.52 | Msg name | PointCloud4m |
| Number of publishers | 1 | sent | 146.52 | QOS Durability | VOLATILE |
| Number of subscribers | 1 | lost | 0.0 | QOS History depth | 100 |
| Maximum runtime (sec) | 30 | relative_loss | 0.0 | QOS History kind | KEEP_LAST |
| DDS domain id | 0 | data_received | 618665599.12 | QOS Reliability | RELIABLE |
| Single participant | - | latency_min (ms) | 12.8752 | QOS Sync. pub/sub | 0 |
| | | latency_max (ms) | 13.86 | RMW Implementation | rmw_cyclonedds_cpp |
| | | latency_mean (ms) | 13.426 | Roundtrip Mode | NONE |
| | | latency_variance (ms) | 0.0 | With security | 0 |
| | | pub_loop_res_min (ms) | -18016.84 | Zero copy transfer | 0 |
| | | pub_loop_res_max (ms) | 9223000000000.0 | | |
| | | pub_loop_res_mean (ms) | 4611800000000.0 | | |
| | | 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 (%) | 47.1956 | | |
| | | max_ram_usage (MB) | 41.59 | | |