# Performance cyclonedds
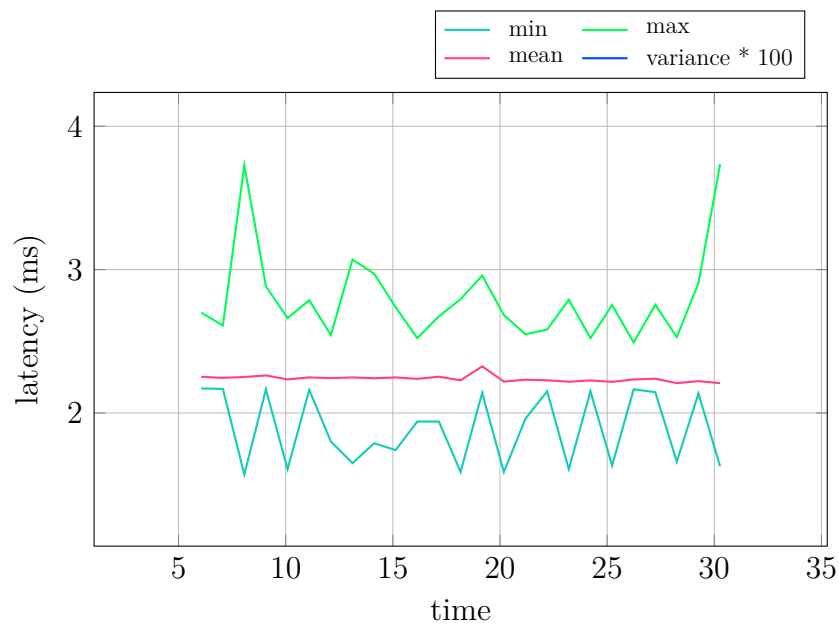
Latencies
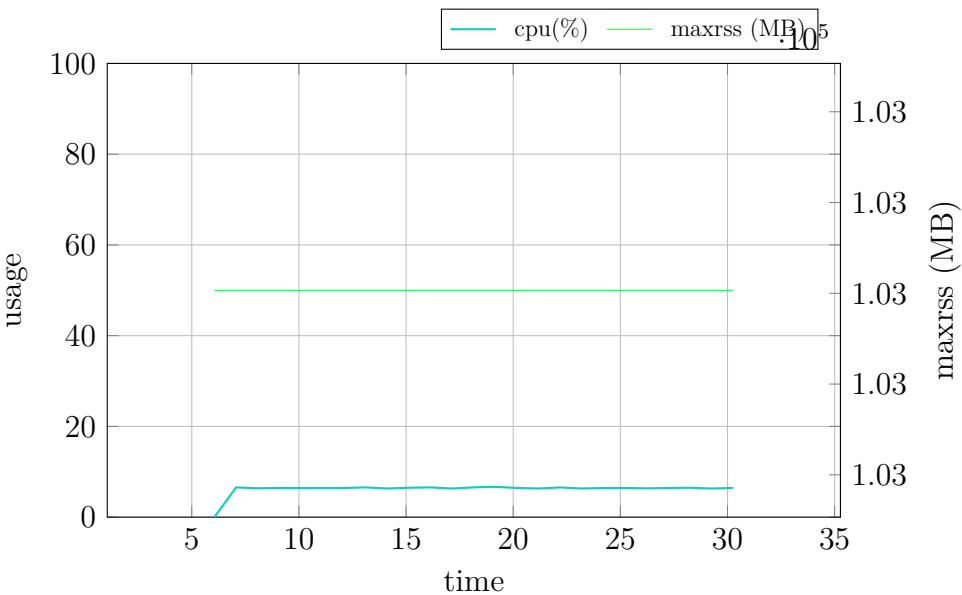


Resource usage ([man getrusage](man getrusage))

| test setup | | average results | | environment | |
|---|---|---|---|---|---|
| Performance Test Version | 2fc8cc2-dirty | Experiment Status | success | Ignore seconds from beginning | 5 |
| Publishing rate | 100 | T_loop | 1.0087 | Memory check enabled | 0 |
| Topic name | PointCloud4m | received | 297.6 | Msg name | PointCloud4m |
| Number of publishers | 1 | sent | 99.2 | QOS Durability | VOLATILE |
| Number of subscribers | 3 | 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 | 1259315912.24 | QOS Reliability | RELIABLE |
| Single participant | - | latency_min (ms) | 1.8904 | QOS Sync. pub/sub | 0 |
| | | latency_max (ms) | 2.7975 | RMW Implementation | rmw_cyclonedds_cpp |
| | | latency_mean (ms) | 2.2388 | Roundtrip Mode | NONE |
| | | latency_variance (ms) | 0.0 | With security | 0 |
| | | pub_loop_res_min (ms) | 4.9074 | Zero copy transfer | 0 |
| | | pub_loop_res_max (ms) | 8.1435 | | |
| | | pub_loop_res_mean (ms) | 6.0152 | | |
| | | pub_loop_res_variance (ms) | 0.0001 | | |
| | | 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 (%) | 6.1848 | | |
| | | max_ram_usage (MB) | 103415.81 | | |