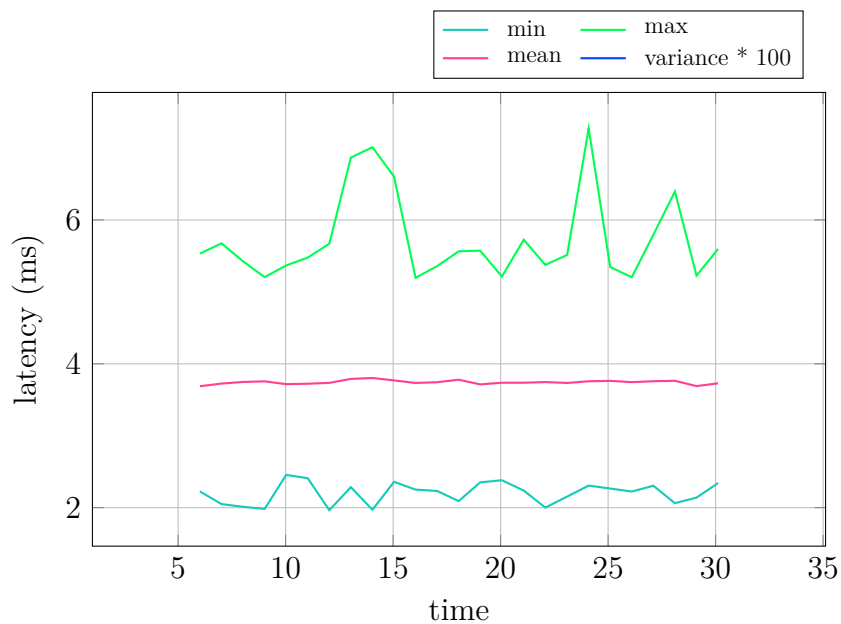
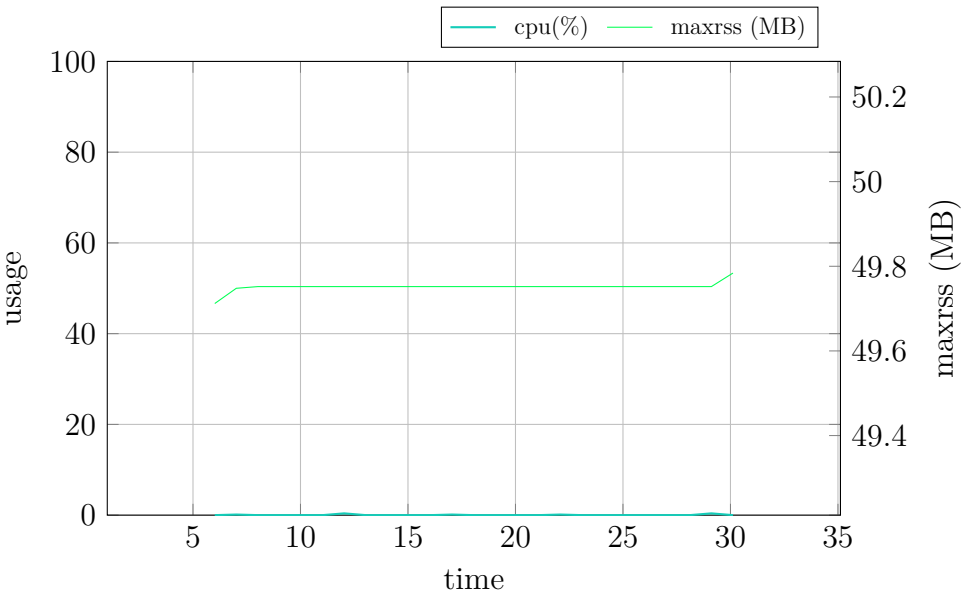


Performance cyclonedds

Logfile name	99c78c63-70b1-4589-9586-446a2c5e47f4.csv
Experiment id	6daa7a31-10aa-4474-b8c6-2faafd854161
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	100
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0042
received	297.96
sent	99.32
lost	0.0
relative_loss	0.0
data_received	1258713955.48
latency_min (ms)	2.2025
latency_max (ms)	5.7274
latency_mean (ms)	3.7434
latency_variance (ms)	0.0006
pub_loop_res_min (ms)	-5.7464
pub_loop_res_max (ms)	7.3394
pub_loop_res_mean (ms)	1.2255
pub_loop_res_variance (ms)	0.0127
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 (%)	0.0467
max_ram_usage (MB)	49.78

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
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