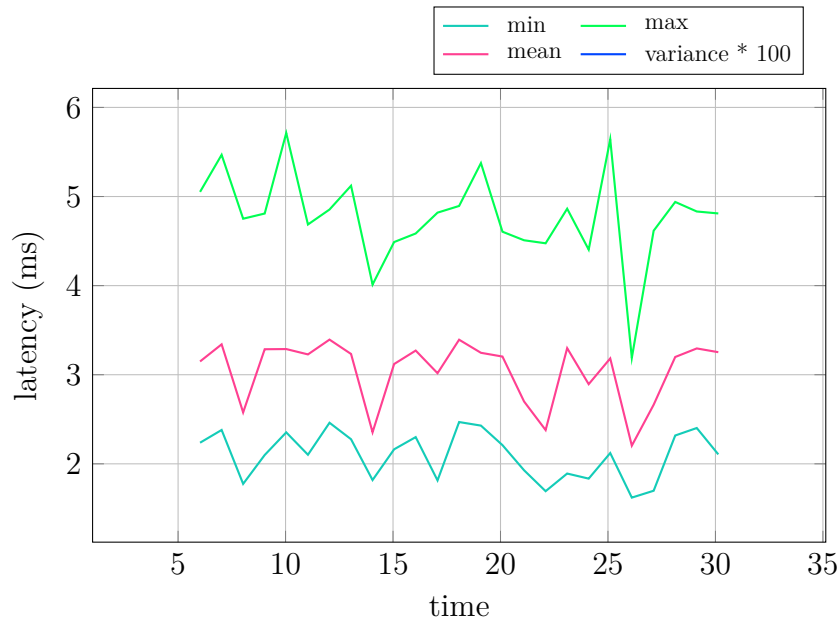
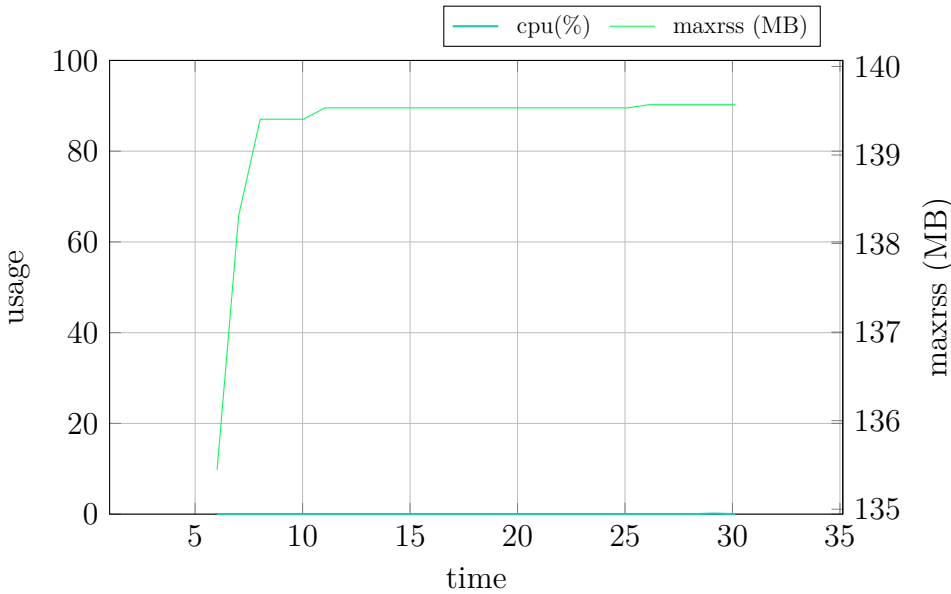


Performance cyclonedds

Logfile name	dc48ee51-a1ec-479f-9e64-5b111cb3db9f.csv
Experiment id	525a9d6e-5fd6-4103-8b00-c8b1acd01724
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	20
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	1.0045
received	190.8
sent	19.08
lost	0.0
relative_loss	0.0
data_received	210087991.36
latency_min (ms)	2.0999
latency_max (ms)	4.7805
latency_mean (ms)	3.0468
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	31.512
pub_loop_res_max (ms)	46.5324
pub_loop_res_mean (ms)	39.1056
pub_loop_res_variance (ms)	0.0208
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 (%)	0.0052
max_ram_usage (MB)	139.57

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