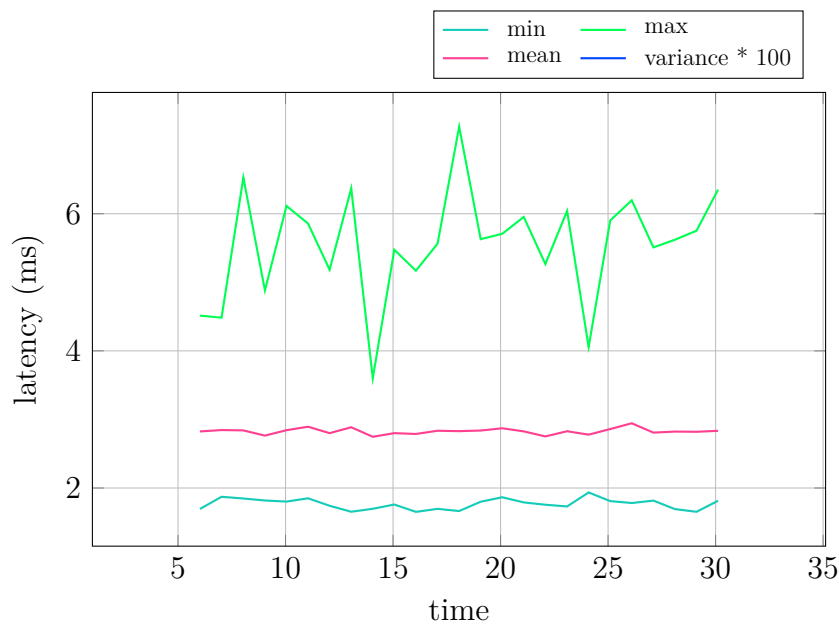
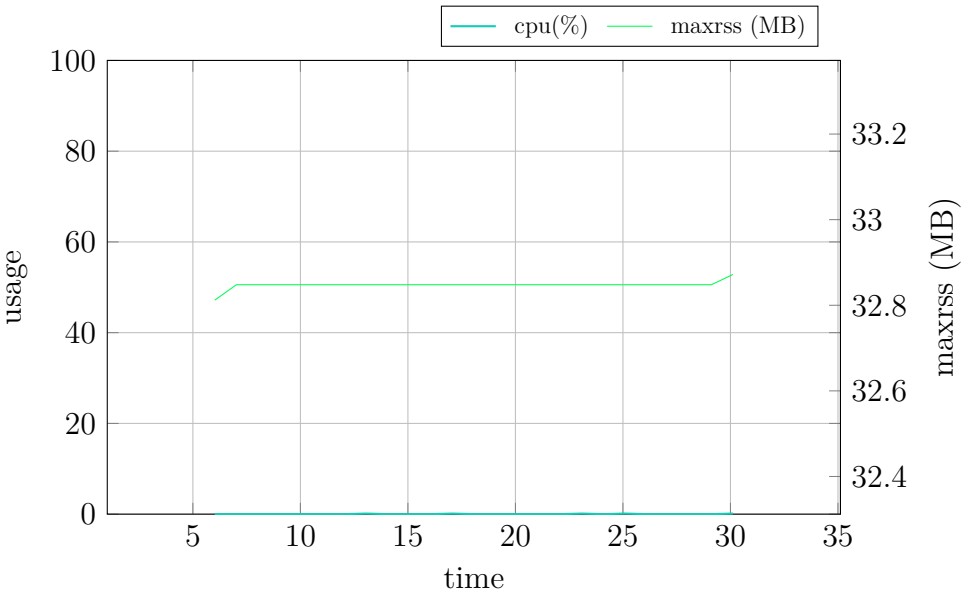


Performance cyclonedds

Logfile name	4f795a91-9a3f-4938-82d4-c99b6db4a9d0.csv
Experiment id	9b331ec5-70b6-4cd1-ac62-739726b51c7e
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	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0039
received	99.32
sent	99.28
lost	0.0
relative_loss	0.0
data_received	419670611.0
latency_min (ms)	1.7675
latency_max (ms)	5.5597
latency_mean (ms)	2.8271
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	-6.3608
pub_loop_res_max (ms)	8.4022
pub_loop_res_mean (ms)	1.565
pub_loop_res_variance (ms)	0.0156
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 (%)	0.0259
max_ram_usage (MB)	32.87

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