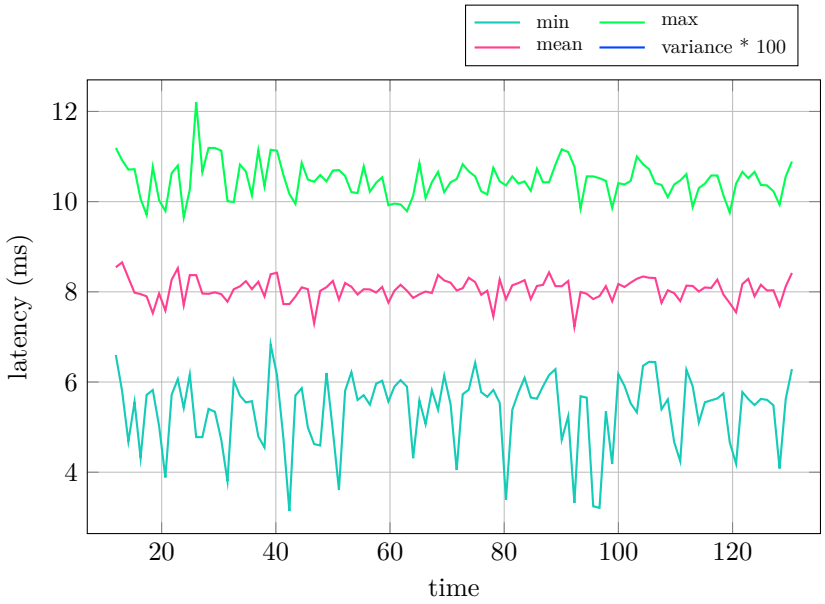
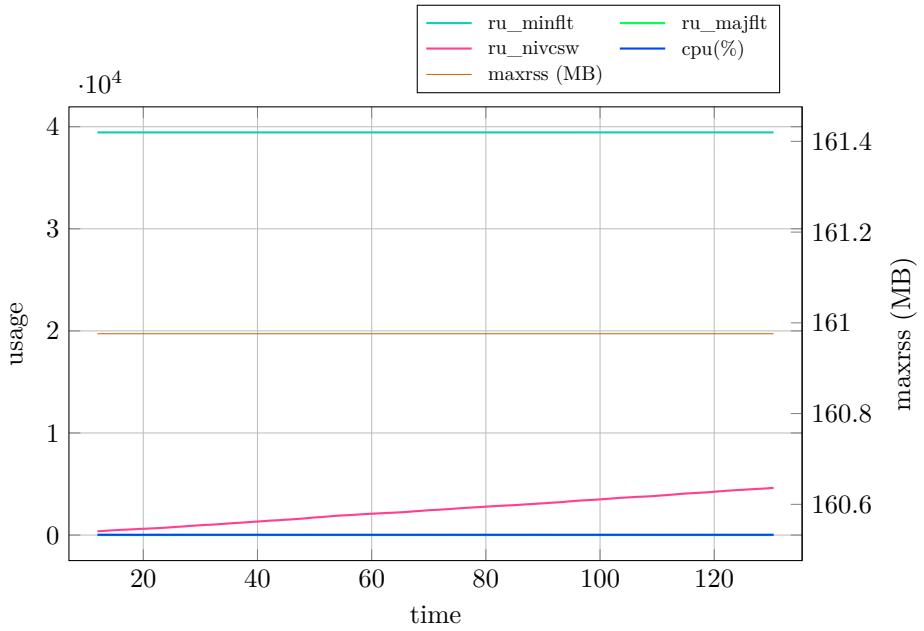
Performance

Logfile name	log_test_topic_29-11-2020_13-24-36
Experiment id	20ecf93e-0f9c-4103-ab44-58b0f007a029
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0862
received	495.0455
sent	49.5455
lost	0.0
relative_loss	0.0
data_received	2097506534.6273
latency_min (ms)	5.3755
latency_max (ms)	10.4822
latency_mean (ms)	8.0495
latency_variance (ms)	0.0009
pub_loop_res_min (ms)	17.9206
pub_loop_res_max (ms)	18.6727
pub_loop_res_mean (ms)	18.201
pub_loop_res_variance (ms)	0.0
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 (%)	29.686

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0