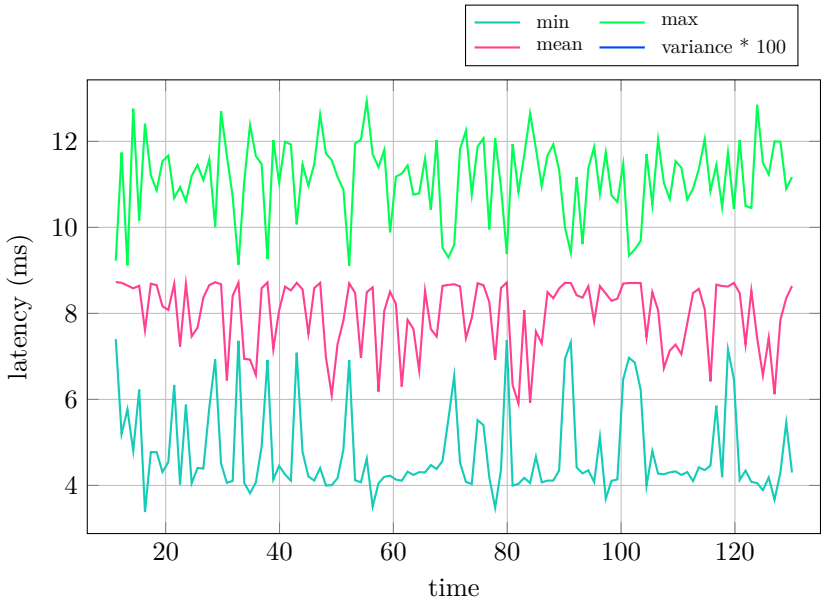
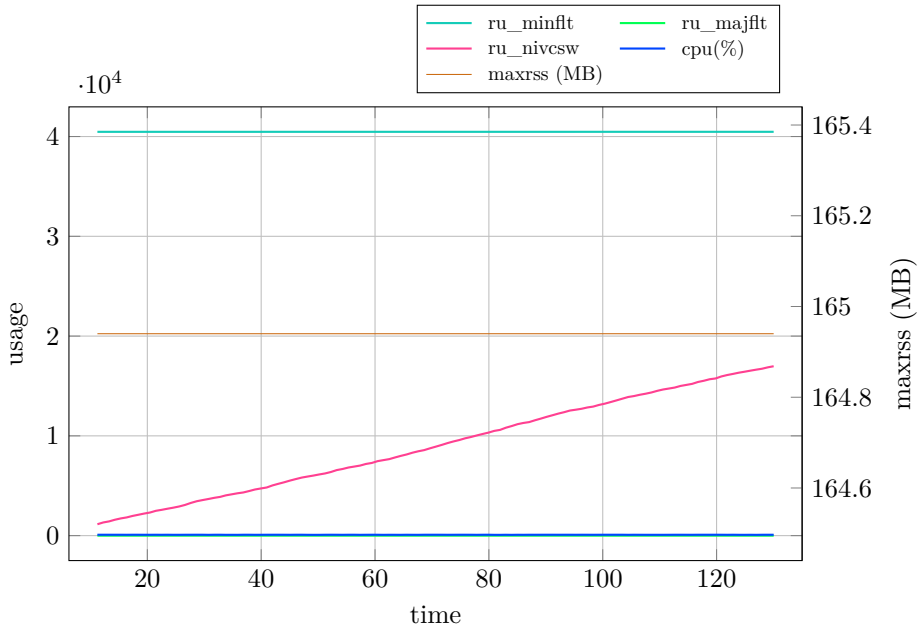
Performance

Logfile name	log_test_topic_02-12-2020_06-00-13
Experiment id	864a6b88-33f5-4bcd-8b9f-3842ace44883
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0218
received	2229.4957
sent	223.0
lost	0.1453
relative_loss	0.0004
data_received	9373054477.547
latency_min (ms)	4.7474
latency_max (ms)	11.1329
latency_mean (ms)	7.9937
latency_variance (ms)	0.0011
pub_loop_res_min (ms)	-54882.5128
pub_loop_res_max (ms)	-54090.6068
pub_loop_res_mean (ms)	-54486.6239
pub_loop_res_variance (ms)	52.6462
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 (%)	85.6926

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0