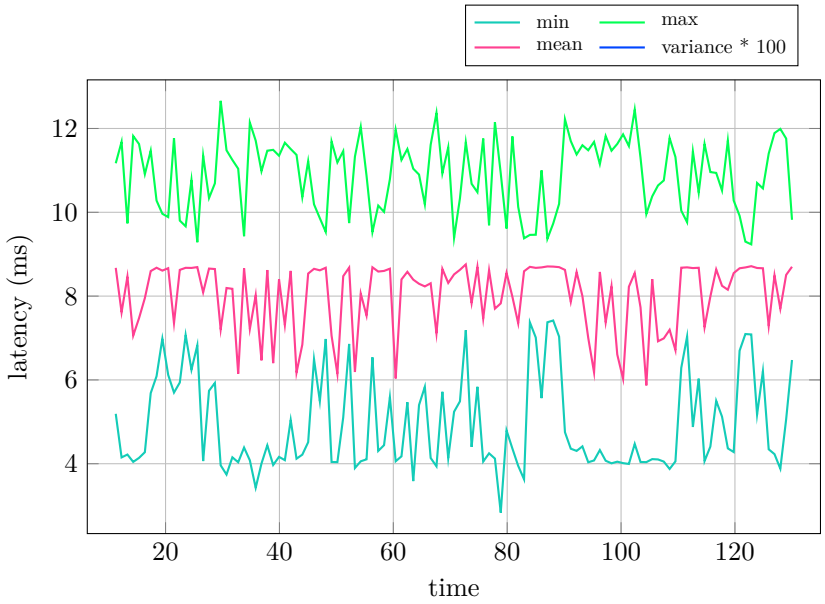
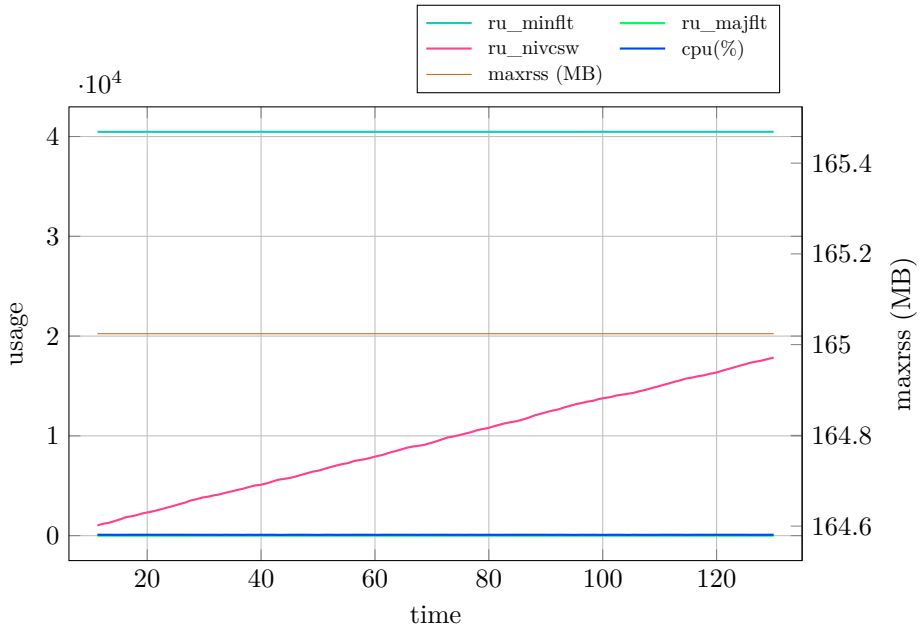
Performance

Logfile name	log_test_topic_01-12-2020_17-29-05
Experiment id	6426406b-c6db-43a1-8e6d-2a08f491dd1e
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0211
received	2236.812
sent	223.6923
lost	0.0427
relative_loss	0.0001
data_received	9403439284.3761
latency_min (ms)	4.9268
latency_max (ms)	10.8956
latency_mean (ms)	8.0262
latency_variance (ms)	0.0011
pub_loop_res_min (ms)	-38986.2991
pub_loop_res_max (ms)	-38424.2393
pub_loop_res_mean (ms)	-38706.1709
pub_loop_res_variance (ms)	26.5001
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 (%)	86.0609

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