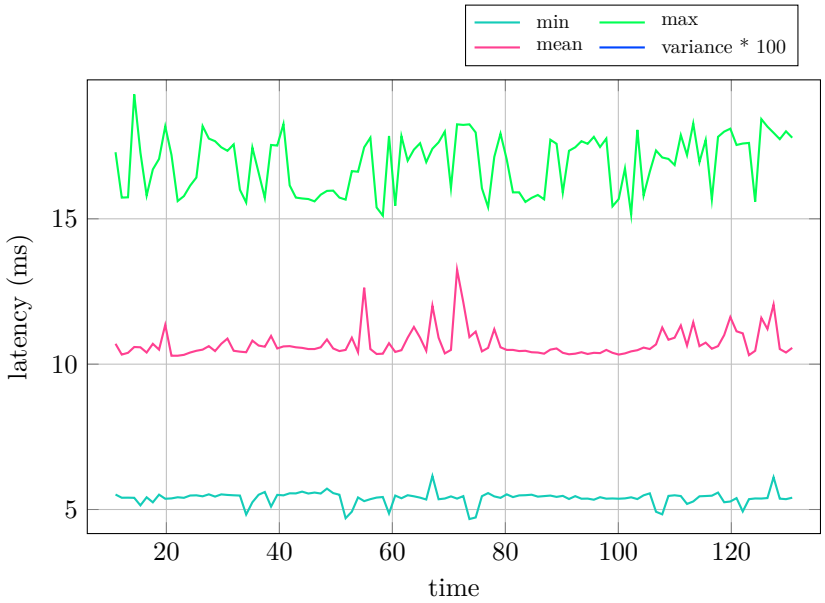
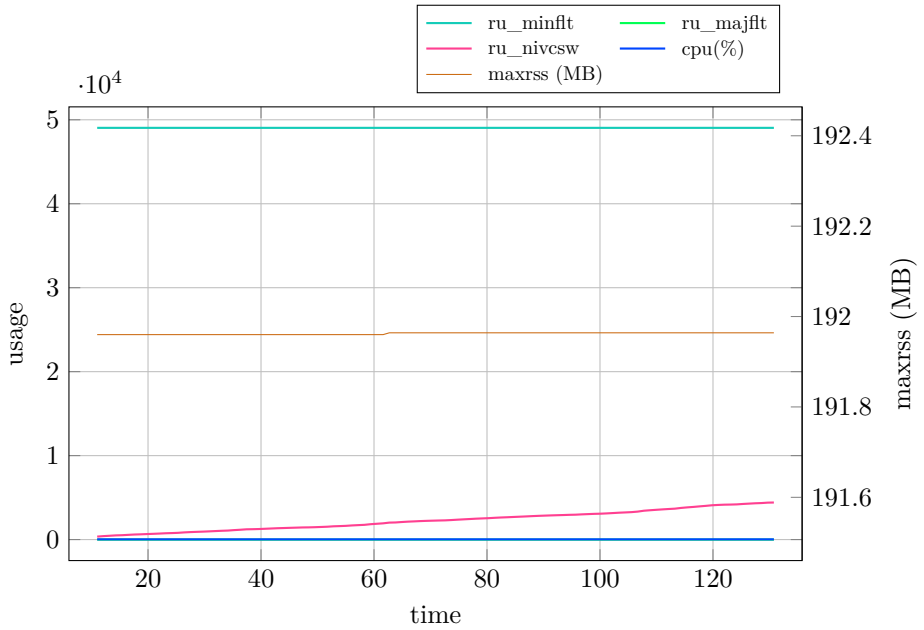
Performance

Logfile name	log_test_topic_29-11-2020_21-33-04
Experiment id	bac2c2d0-2c15-4be8-a076-02f2b252157a
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	1.0986
received	875.9091
sent	346.3909
lost	2583.3727
relative_loss	7.4527
data_received	3695262403.0091
latency_min (ms)	5.3952
latency_max (ms)	16.9277
latency_mean (ms)	10.7074
latency_variance (ms)	0.0093
pub_loop_res_min (ms)	-21285.7455
pub_loop_res_max (ms)	-20950.3
pub_loop_res_mean (ms)	-21118.9
pub_loop_res_variance (ms)	9.4731
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 (%)	28.7707

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_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0