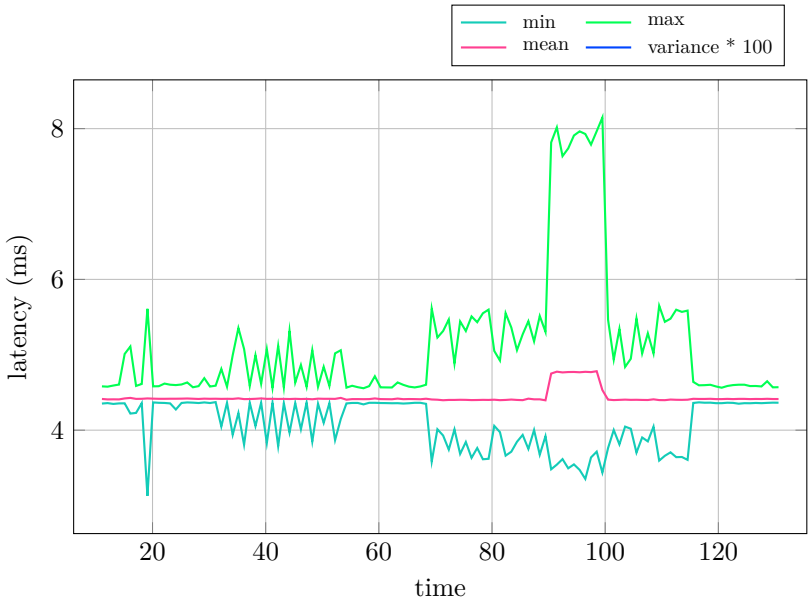
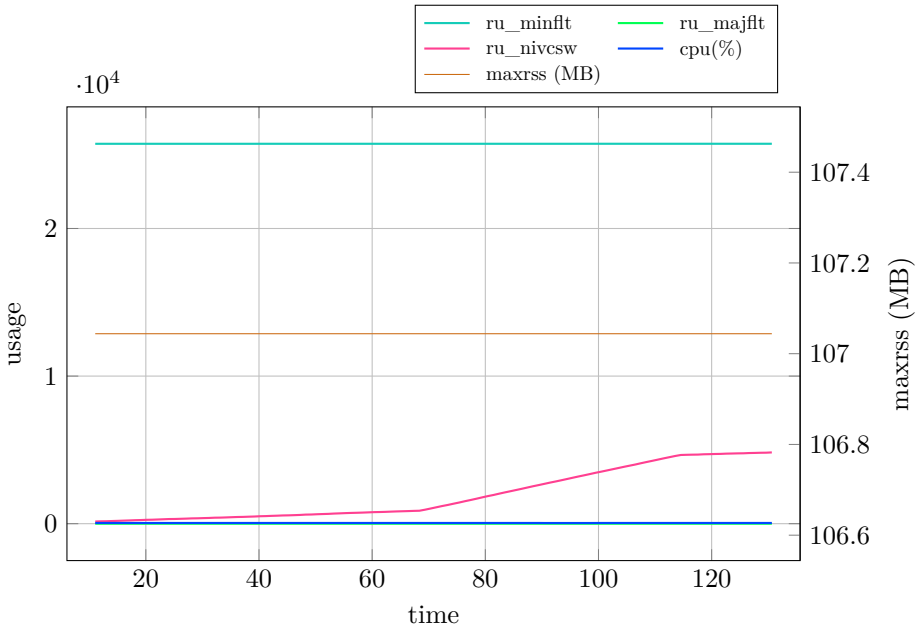
Performance

Logfile name	log_test_topic_30-11-2020_07-54-44
Experiment id	893adb32-093c-4a13-a7b6-5f6015ea0744
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0045
received	2227.4083
sent	445.475
lost	0.0
relative_loss	0.0
data_received	9354485220.225
latency_min (ms)	4.0689
latency_max (ms)	5.1526
latency_mean (ms)	4.4388
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-39183.7167
pub_loop_res_max (ms)	-38627.8333
pub_loop_res_mean (ms)	-38906.5583
pub_loop_res_variance (ms)	25.7294
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 (%)	48.8759

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