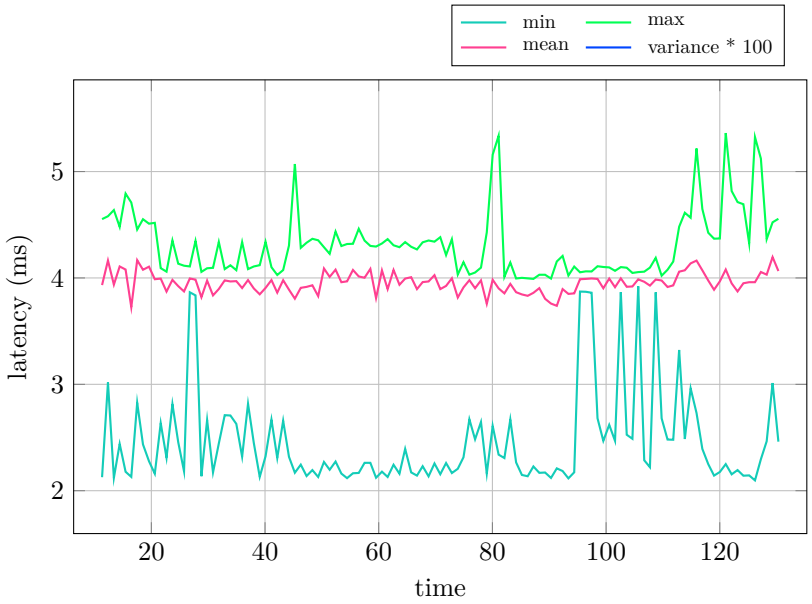
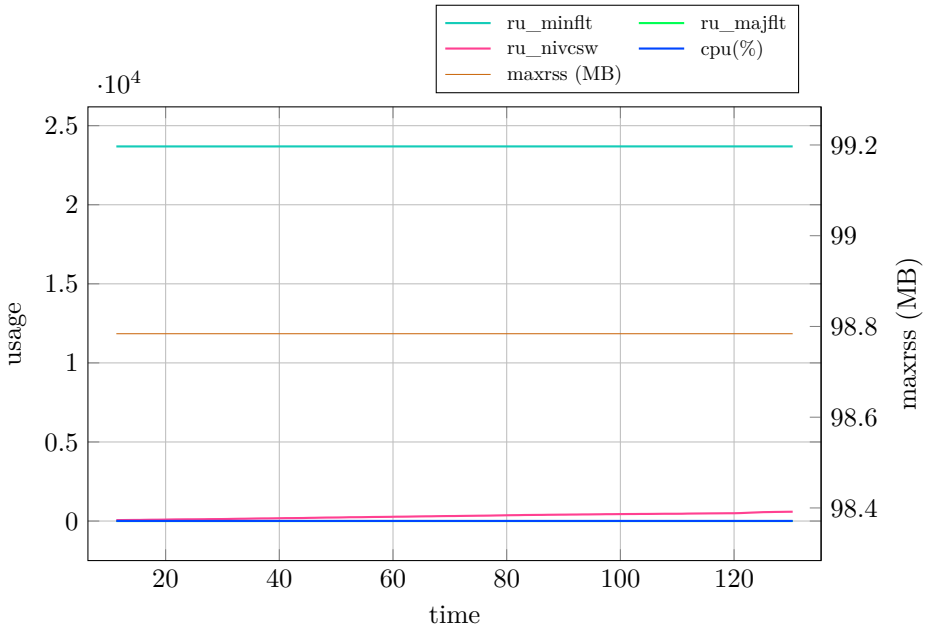
Performance

Logfile name	log_test_topic_29-11-2020_11-13-04
Experiment id	9fa1bdc8-1bf7-4a59-a1ce-e3e7cc158ef1
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0254
received	247.5128
sent	49.5214
lost	0.0
relative_loss	0.0
data_received	1048685718.359
latency_min (ms)	2.4565
latency_max (ms)	4.3174
latency_mean (ms)	3.9547
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	18.09
pub_loop_res_max (ms)	19.09
pub_loop_res_mean (ms)	18.2633
pub_loop_res_variance (ms)	0.0001
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 (%)	6.544

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