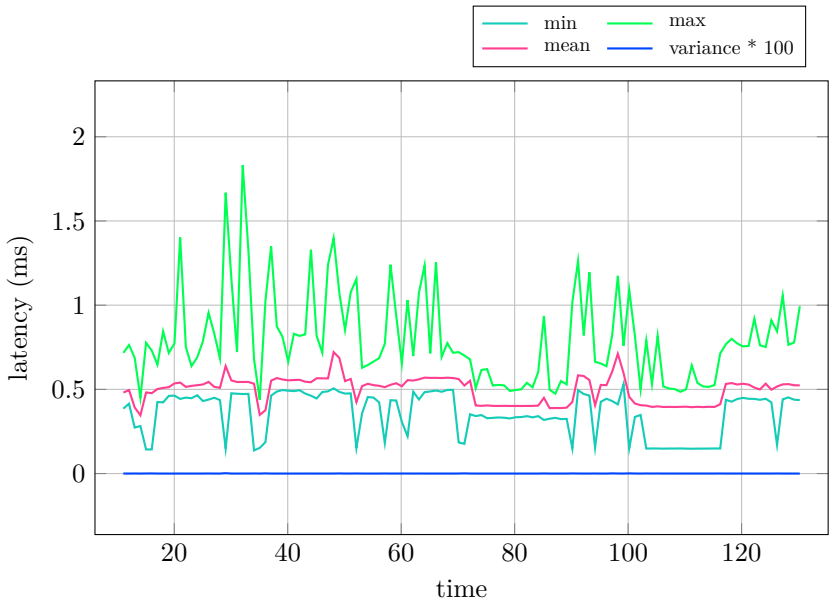
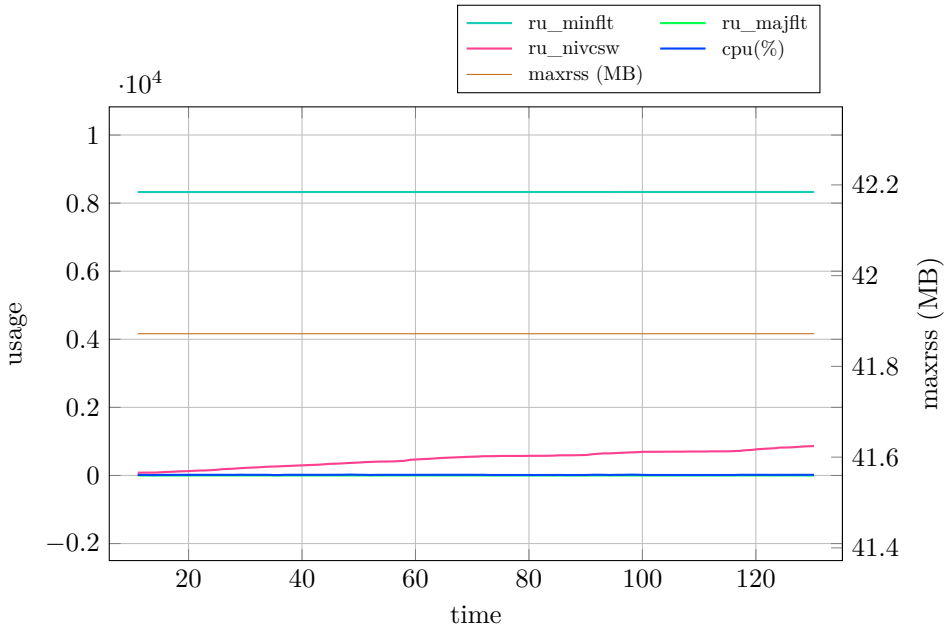
Performance

Logfile name	log_test_topic_01-12-2020_20-44-29
Experiment id	0e3aecb0-e932-4d22-98b0-fa09b76986c1
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	1.0018
received	4997.45
sent	999.475
lost	0.0083
relative_loss	0.0
data_received	5245160649.6
latency_min (ms)	0.3596
latency_max (ms)	0.7969
latency_mean (ms)	0.4959
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5345
pub_loop_res_max (ms)	0.7551
pub_loop_res_mean (ms)	0.6798
pub_loop_res_variance (ms)	0.0
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 (%)	16.944

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud1m
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