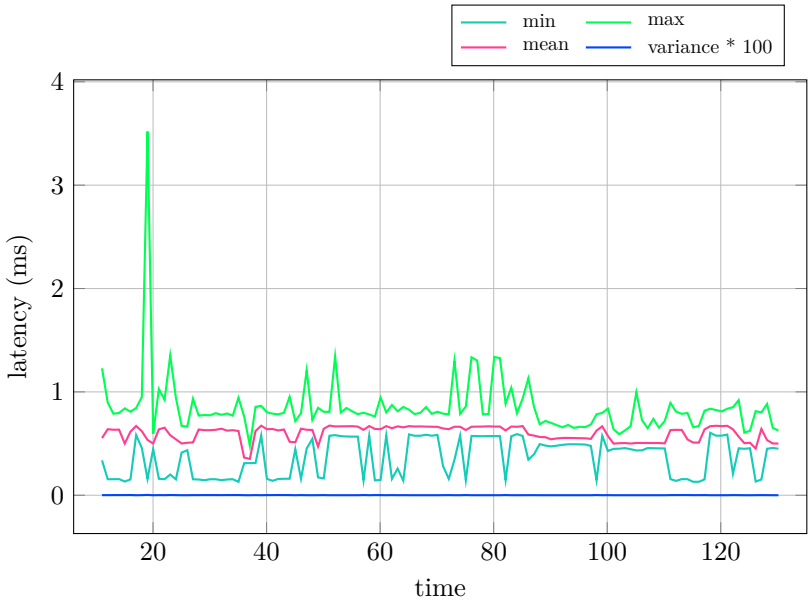
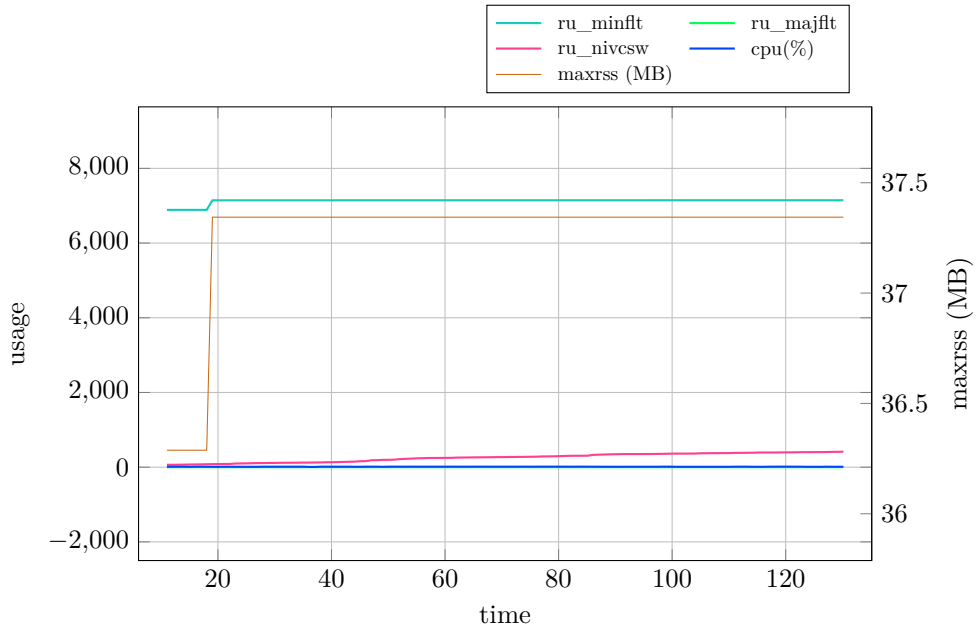
Performance

Logfile name	log_test_topic_27-11-2020_14-34-58
Experiment id	780293ef-d773-4dfa-bc3c-d40690255267
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	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.001
received	2998.55
sent	999.5417
lost	0.0
relative_loss	0.0
data_received	3147117429.9833
latency_min (ms)	0.3626
latency_max (ms)	0.8499
latency_mean (ms)	0.598
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.4781
pub_loop_res_max (ms)	0.7585
pub_loop_res_mean (ms)	0.634
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 (%)	12.6835

environment

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