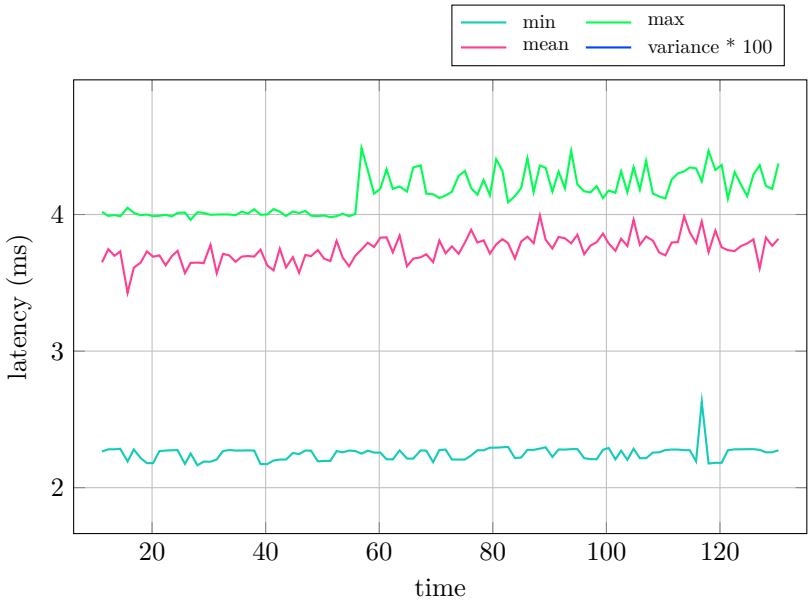
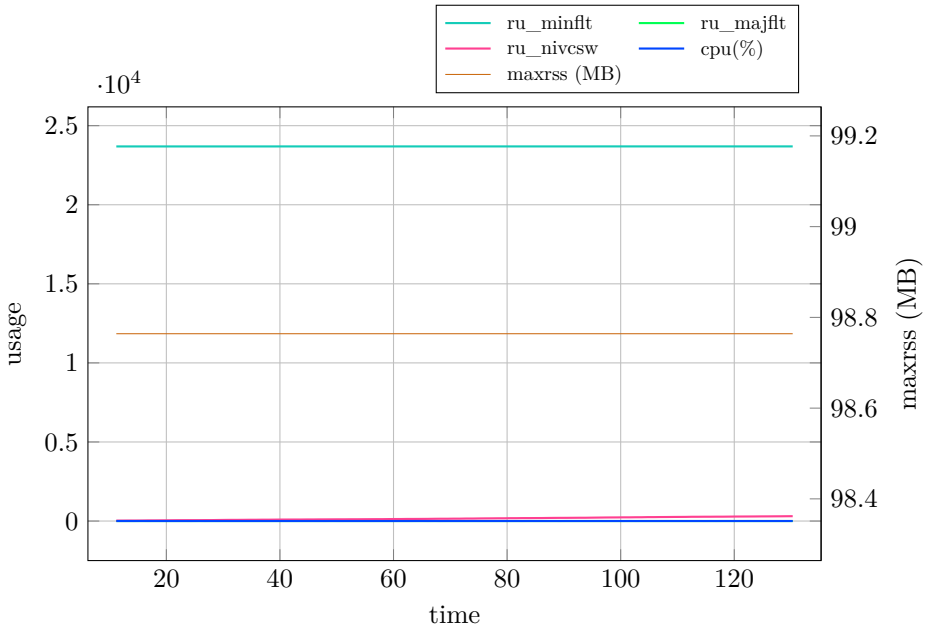
Performance

Logfile name	log_test_topic_28-11-2020_11-39-03
Experiment id	c284d9fd-66b7-446f-9b56-0a77dfe8c8f8
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.1128
received	47.5556
sent	9.4537
lost	0.0
relative_loss	0.0
data_received	209985439.2778
latency_min (ms)	2.2498
latency_max (ms)	4.1545
latency_mean (ms)	3.7436
latency_variance (ms)	0.0004
pub_loop_res_min (ms)	98.1606
pub_loop_res_max (ms)	99.4108
pub_loop_res_mean (ms)	98.3857
pub_loop_res_variance (ms)	0.0002
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 (%)	2.0327

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