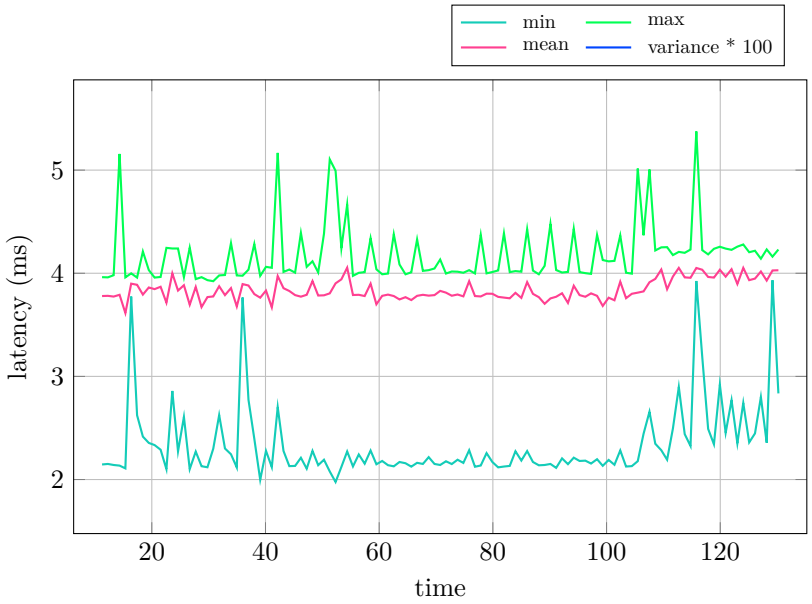
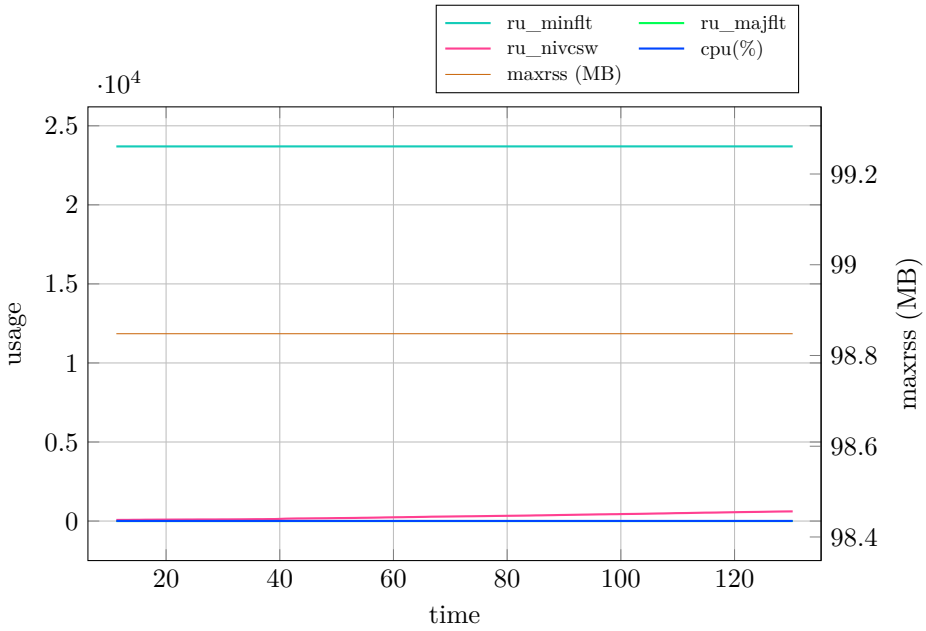
Performance

Logfile name	log_test_topic_01-12-2020_09-50-02
Experiment id	d6cd7e3f-53b0-4e9c-a618-c0351fe4d1cd
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	247.4359
sent	49.4786
lost	0.0
relative_loss	0.0
data_received	1048781171.8718
latency_min (ms)	2.3339
latency_max (ms)	4.1786
latency_mean (ms)	3.8384
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	18.1079
pub_loop_res_max (ms)	19.2611
pub_loop_res_mean (ms)	18.2891
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 (%)	6.3498

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud4m
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