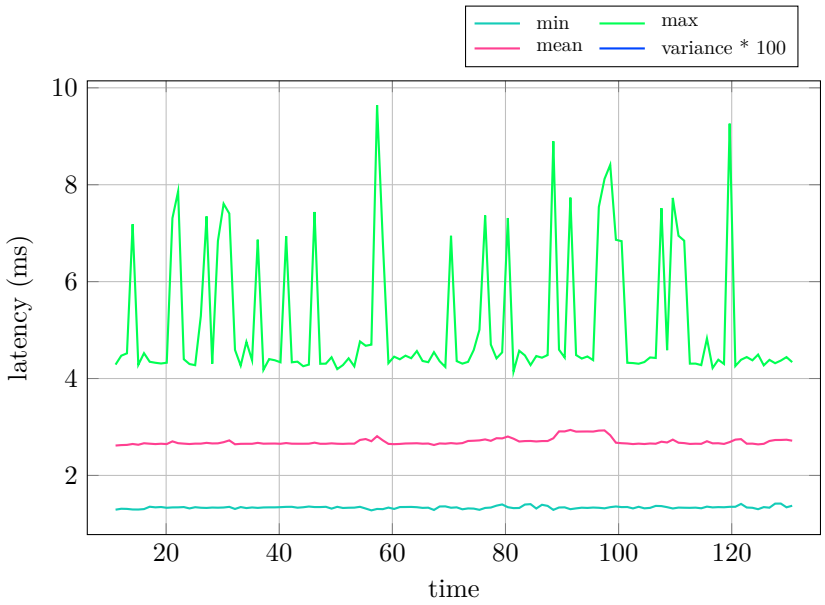
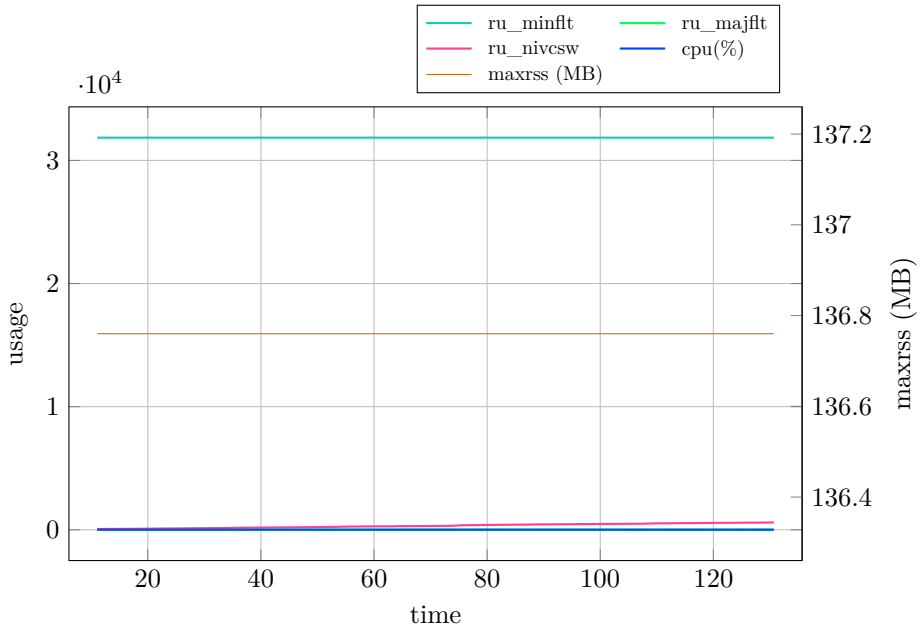
Performance

Logfile name	log_test_topic_01-12-2020_21-32-21
Experiment id	9801b76f-6fde-4fb6-9db3-a87ca69b9cee
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	1.0052
received	929.225
sent	999.525
lost	4066.0
relative_loss	4.0679
data_received	3907729717.5833
latency_min (ms)	1.3382
latency_max (ms)	5.1182
latency_mean (ms)	2.6974
latency_variance (ms)	0.0009
pub_loop_res_min (ms)	-3.5431
pub_loop_res_max (ms)	0.6598
pub_loop_res_mean (ms)	-1.0626
pub_loop_res_variance (ms)	0.0009
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 (%)	14.3955

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0