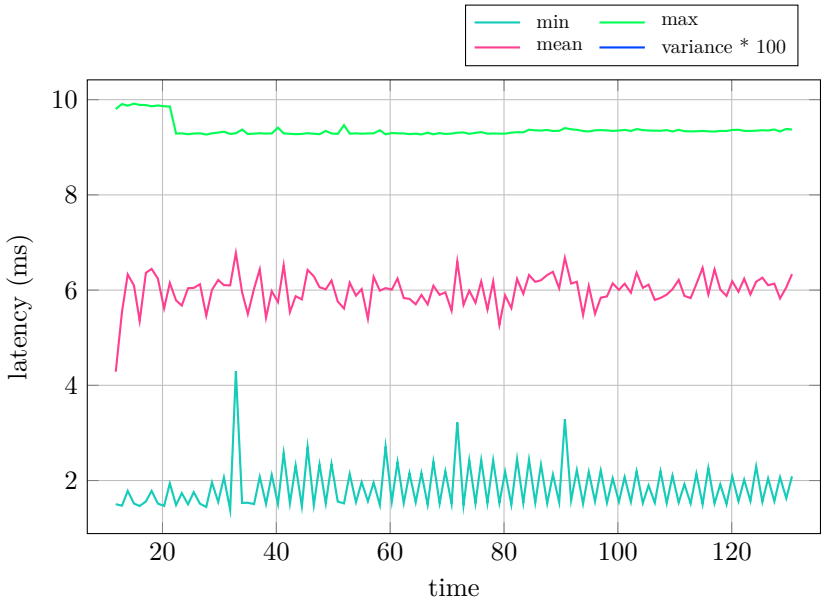
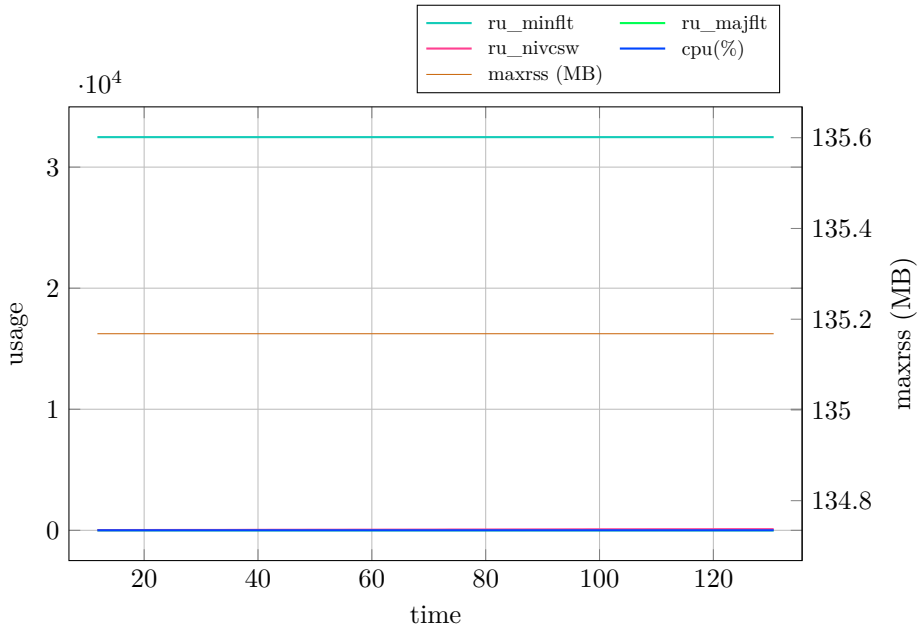
Performance

Logfile name	log_test_topic_28-11-2020_12-22-37
Experiment id	e675061f-184e-483e-996f-9bfbbf2b104c
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	1.0516
received	47.4737
sent	9.4737
lost	0.0
relative_loss	0.0
data_received	209823955.0789
latency_min (ms)	1.8592
latency_max (ms)	9.3707
latency_mean (ms)	5.9892
latency_variance (ms)	0.004
pub_loop_res_min (ms)	98.2572
pub_loop_res_max (ms)	99.2175
pub_loop_res_mean (ms)	98.4785
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 (%)	1.6629

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0