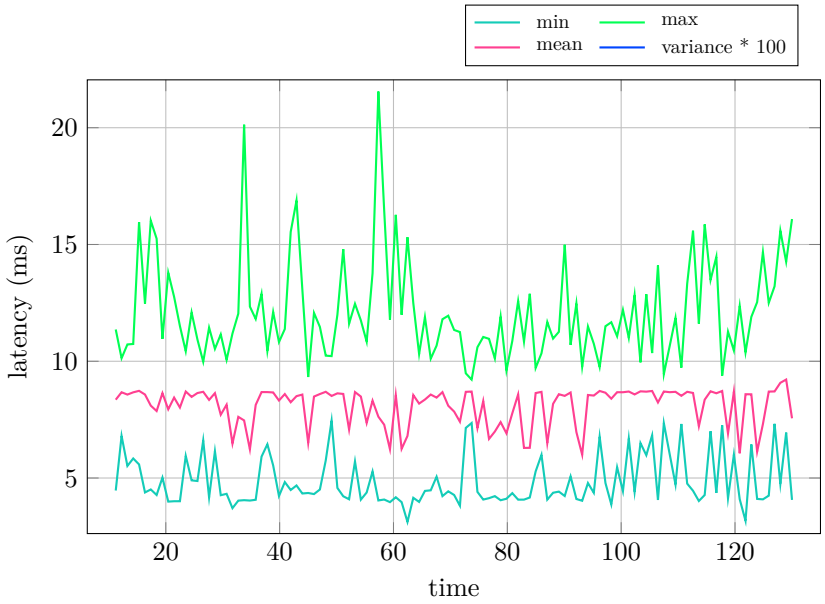
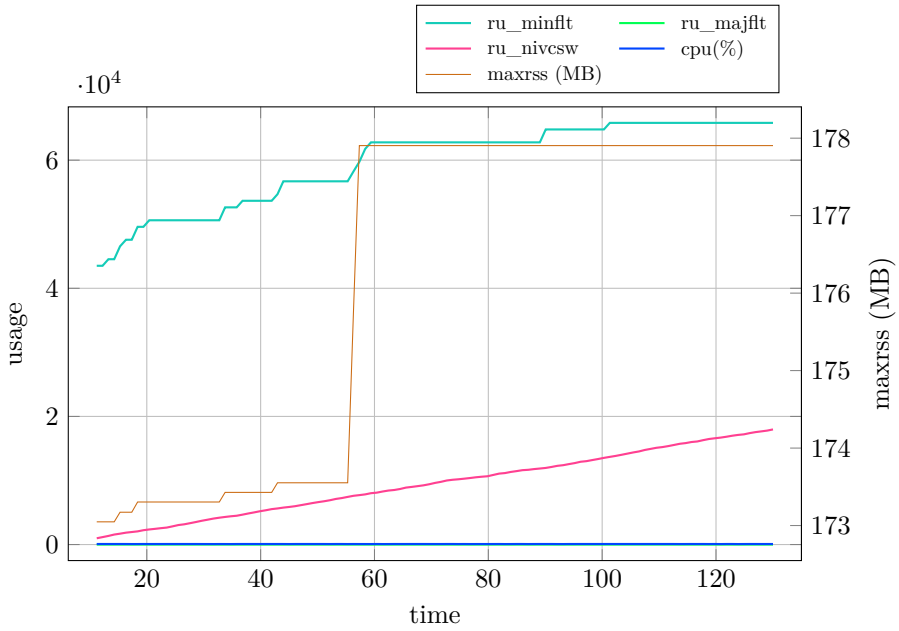
Performance

Logfile name	log_test_topic_29-11-2020_22-16-37
Experiment id	b1aab225-e09c-4525-ba06-e75084a436d9
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
Topic name	test_topic
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0218
received	2232.1111
sent	223.2051
lost	0.0
relative_loss	0.0
data_received	9383038032.8462
latency_min (ms)	4.8584
latency_max (ms)	12.1093
latency_mean (ms)	8.1055
latency_variance (ms)	0.0011
pub_loop_res_min (ms)	-39077.5726
pub_loop_res_max (ms)	-38514.2991
pub_loop_res_mean (ms)	-38796.6325
pub_loop_res_variance (ms)	26.5435
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 (%)	85.8664

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