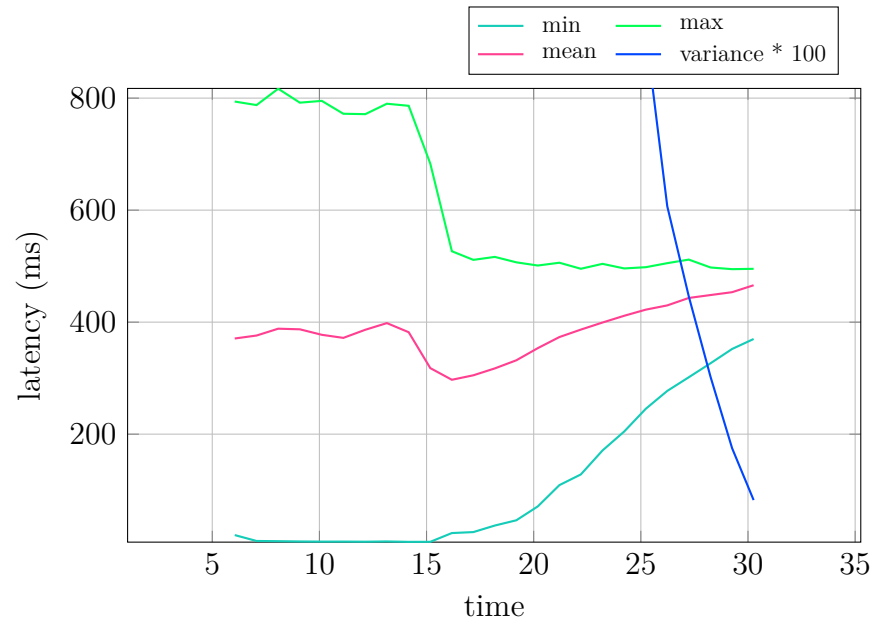
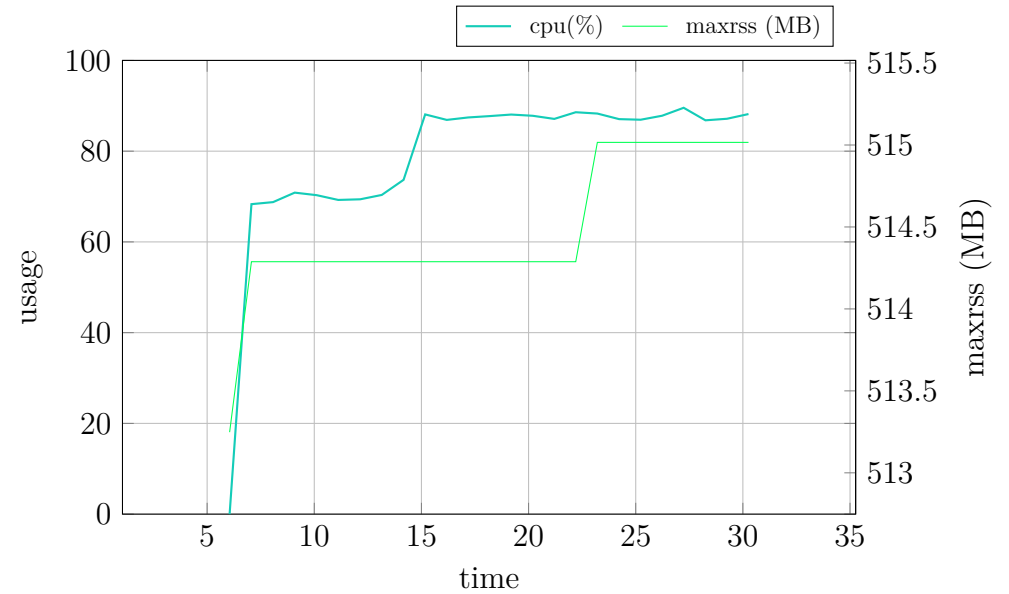


Performance cyclonedds

Logfile name	de3718db-1f43-4725-880d-ec03fe20f1eb.csv
Experiment id	92b0f9c5-7ec4-4897-92df-0c1b66ec131e
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	0
Publishing rate	PointCloud4m
Topic name	1
Number of publishers	10
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0087
received	1708.24
sent	178.36
lost	52.96
relative_loss	0.3016
data_received	7191747675.72
latency_min (ms)	111.296
latency_max (ms)	614.168
latency_mean (ms)	383.816
latency_variance (ms)	43.6467
pub_loop_res_min (ms)	-18234.52
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611920000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	78.576
max_ram_usage (MB)	515.02

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	100
QOS History kind	KEEP_LAST
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0