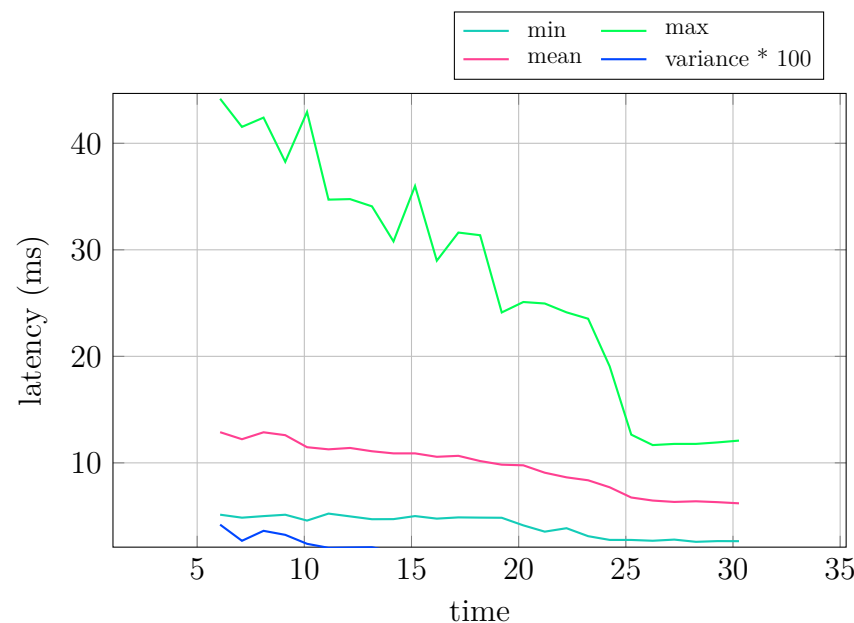
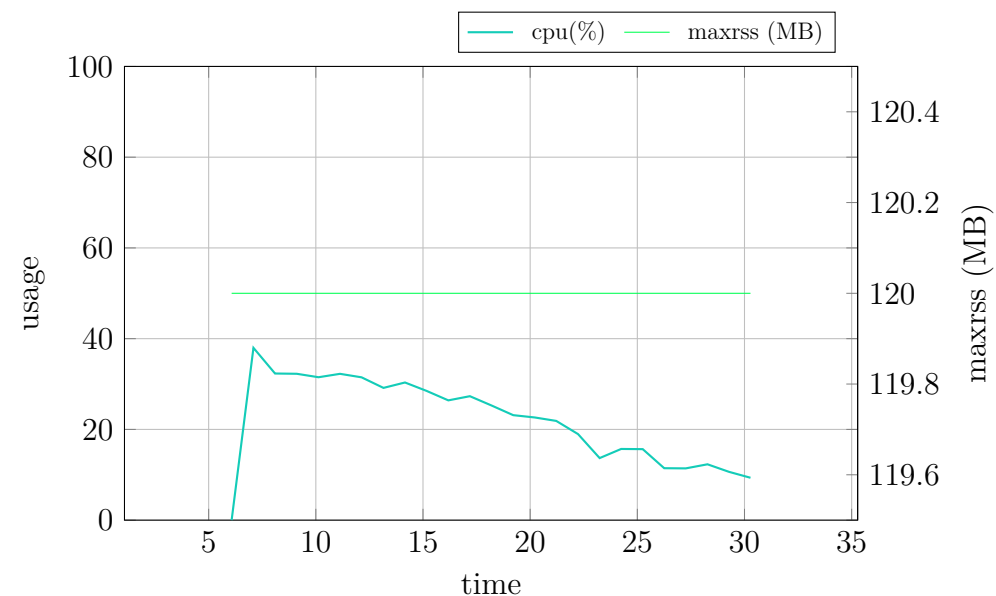


Performance cyclonedds

Logfile name	7b6f201b-a9b1-4f40-857b-d111ffa0b6ce.csv
Experiment id	3aa6ea57-f596-4f5e-b591-ddba4df40c73
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	100
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0085
received	995.6
sent	99.56
lost	0.0
relative_loss	0.0
data_received	4198813500.76
latency_min (ms)	4.0911
latency_max (ms)	27.3768
latency_mean (ms)	9.6329
latency_variance (ms)	0.0161
pub_loop_res_min (ms)	-9.6753
pub_loop_res_max (ms)	6.564
pub_loop_res_mean (ms)	-0.4639
pub_loop_res_variance (ms)	0.0137
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 (%)	22.0617
max_ram_usage (MB)	120.0

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