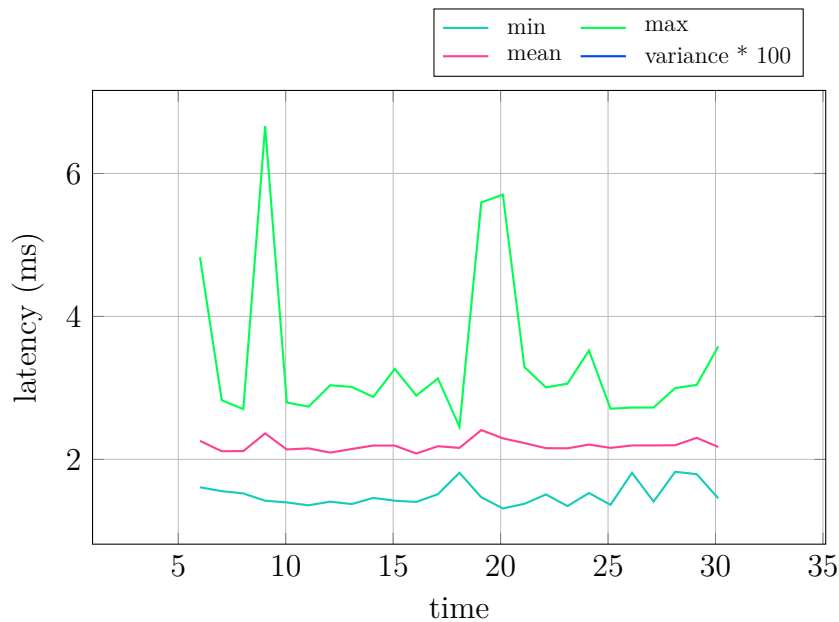
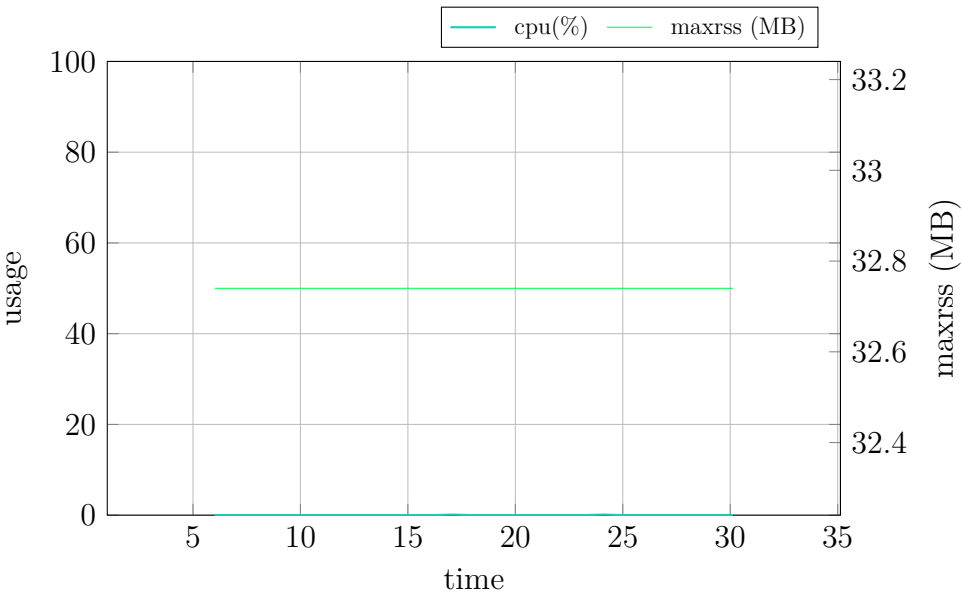


# Performance cyclonedds

Logfile name	73581907-527b-4eb6-8acd-d6d3d5817bef.csv
Experiment id	a3268454-9a00-4161-bc65-e321ab272b47
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	20
Publishing rate	20
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0046
received	19.12
sent	19.08
lost	0.0
relative_loss	0.0
data_received	84042599.56
latency_min (ms)	1.499
latency_max (ms)	3.4075
latency_mean (ms)	2.1951
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	33.626
pub_loop_res_max (ms)	47.7932
pub_loop_res_mean (ms)	40.7504
pub_loop_res_variance (ms)	0.0203
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 (%)	0.0104
max_ram_usage (MB)	32.74

## 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