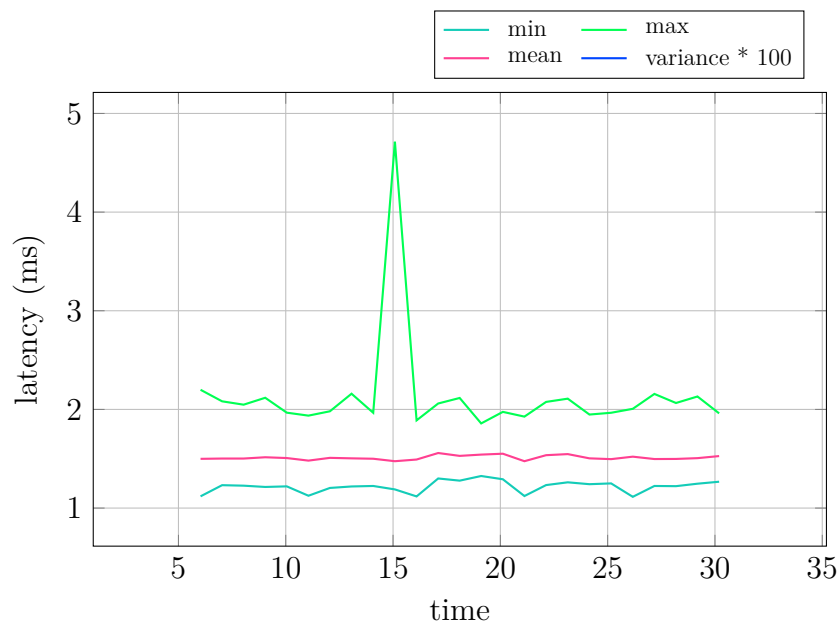
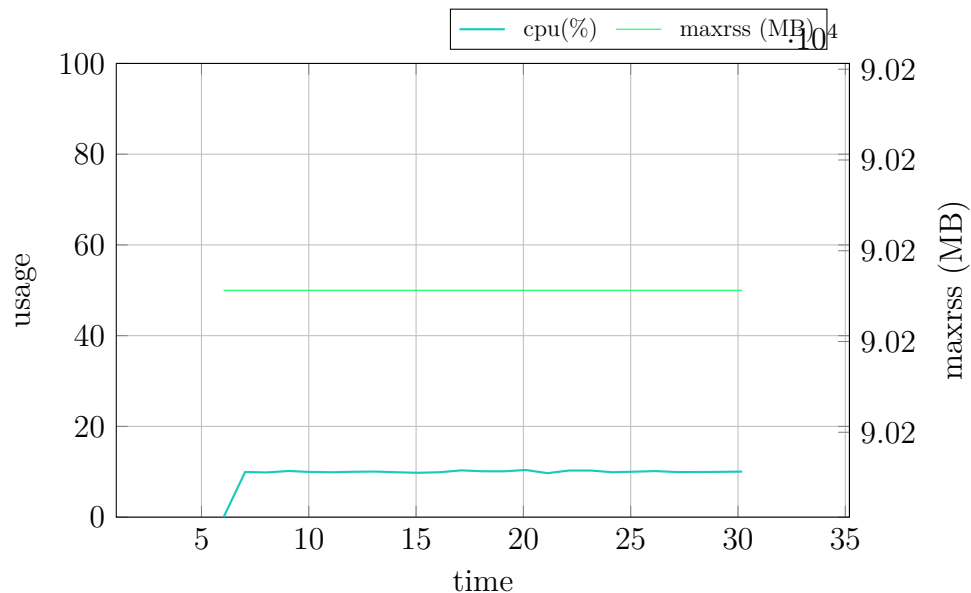


# Performance cyclonedds

Logfile name	fb617e93-34ba-49dc-8d66-a00e84c2db28.csv
Experiment id	99a6f83a-7c5f-4a95-848f-2350a8f5ebe4
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	500
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	1.0065
received	499.4
sent	499.4
lost	0.0
relative_loss	0.0
data_received	2098375089.88
latency_min (ms)	1.2187
latency_max (ms)	2.1365
latency_mean (ms)	1.5109
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.4208
pub_loop_res_max (ms)	1.238
pub_loop_res_mean (ms)	0.7811
pub_loop_res_variance (ms)	0.0
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 (%)	9.6239
max_ram_usage (MB)	90193.92

## 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