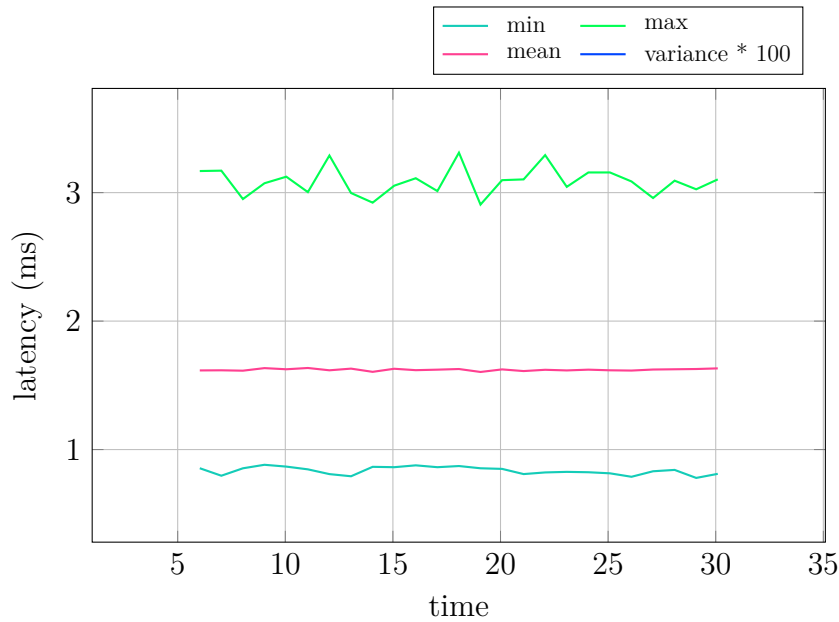
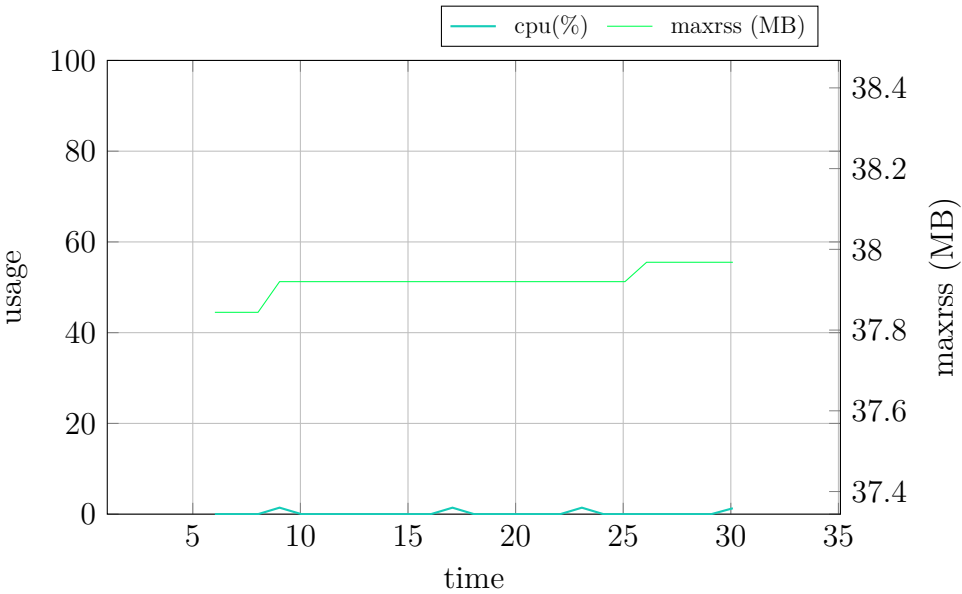


# Performance cyclonedds

Logfile name	5ef9e0e7-ca28-42ab-a828-e465175feca5.csv
Experiment id	ae6afaf7-76f9-4741-8c07-2d062666dd94
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	100
Publishing rate	100
Topic name	PointCloud1m
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	1.0028
received	992.4
sent	99.24
lost	0.0
relative_loss	0.0
data_received	1050985067.04
latency_min (ms)	0.8357
latency_max (ms)	3.0885
latency_mean (ms)	1.621
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	-5.5986
pub_loop_res_max (ms)	8.4314
pub_loop_res_mean (ms)	1.6583
pub_loop_res_variance (ms)	0.0158
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 (%)	0.2233
max_ram_usage (MB)	37.97

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud1m
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