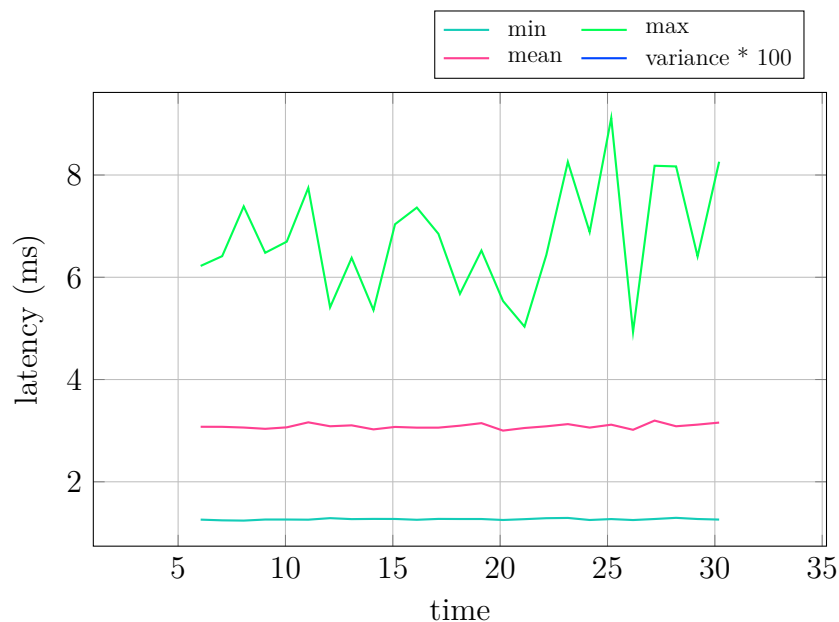
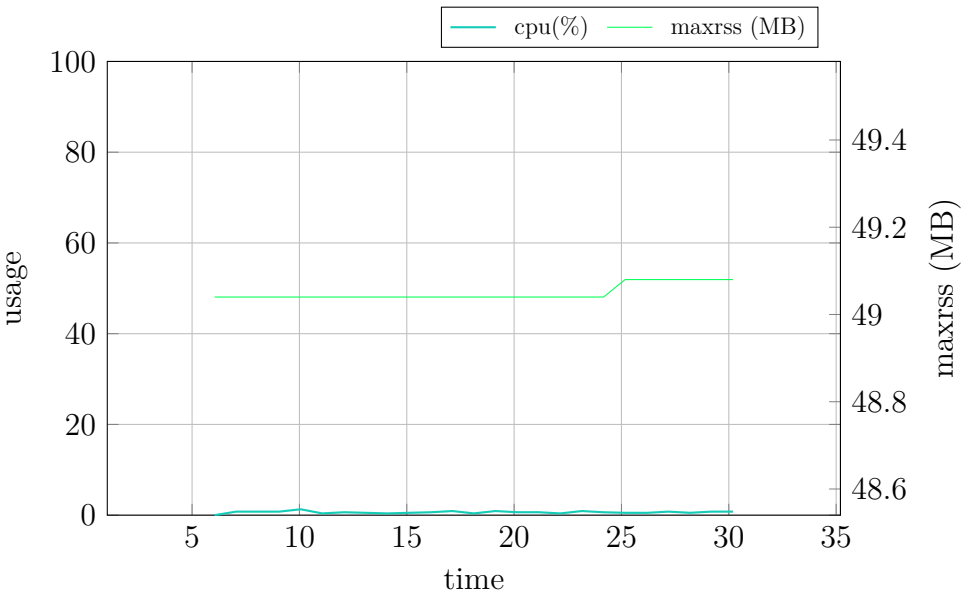


# Performance cyclonedds

Logfile name	6edf47a2-c9ae-4f1b-9dbe-0896f3e35b77.csv
Experiment id	9f647b19-39ee-43fe-98a0-94688328abce
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
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	1.0066
received	499.44
sent	499.36
lost	0.0
relative_loss	0.0
data_received	2098202619.52
latency_min (ms)	1.2676
latency_max (ms)	6.7503
latency_mean (ms)	3.0858
latency_variance (ms)	0.0009
pub_loop_res_min (ms)	-12.2637
pub_loop_res_max (ms)	1.3123
pub_loop_res_mean (ms)	-3.6238
pub_loop_res_variance (ms)	0.0086
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 (%)	0.6422
max_ram_usage (MB)	49.08

## 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