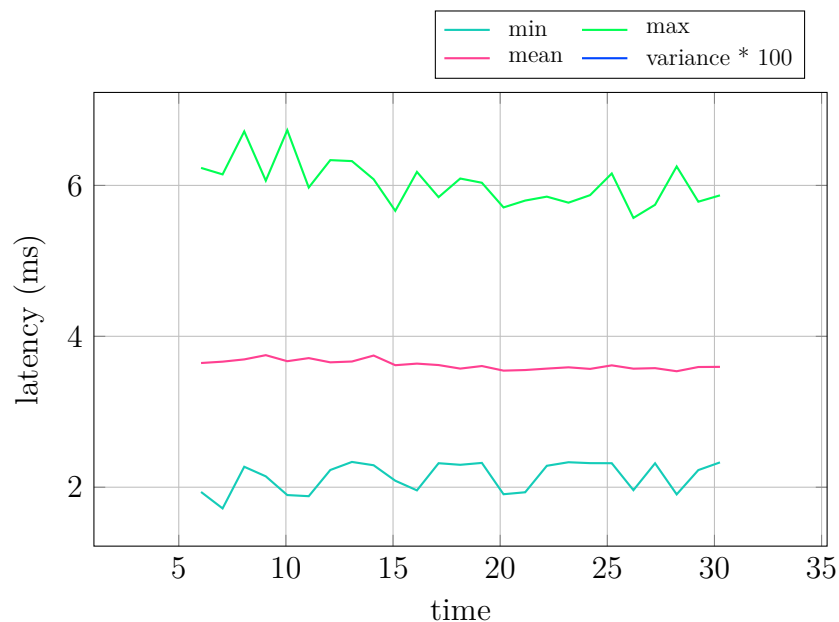
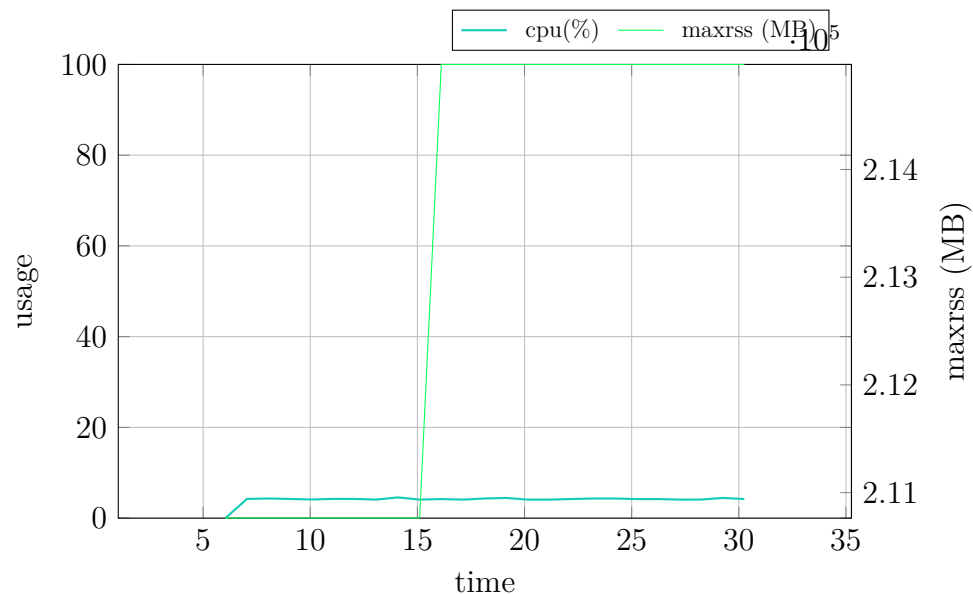


# Performance cyclonedds

Logfile name	36972c6b-cf5c-4eb1-becc-84bcd8463251.csv
Experiment id	ffb95e97-f84e-42bf-9224-3a38fa777c08
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
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	192.0
sent	19.2
lost	0.0
relative_loss	0.0
data_received	840428396.6
latency_min (ms)	2.1406
latency_max (ms)	6.0313
latency_mean (ms)	3.6228
latency_variance (ms)	0.0012
pub_loop_res_min (ms)	38.8556
pub_loop_res_max (ms)	46.3284
pub_loop_res_mean (ms)	39.8076
pub_loop_res_variance (ms)	0.0048
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 (%)	4.0582
max_ram_usage (MB)	214974.46

## 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