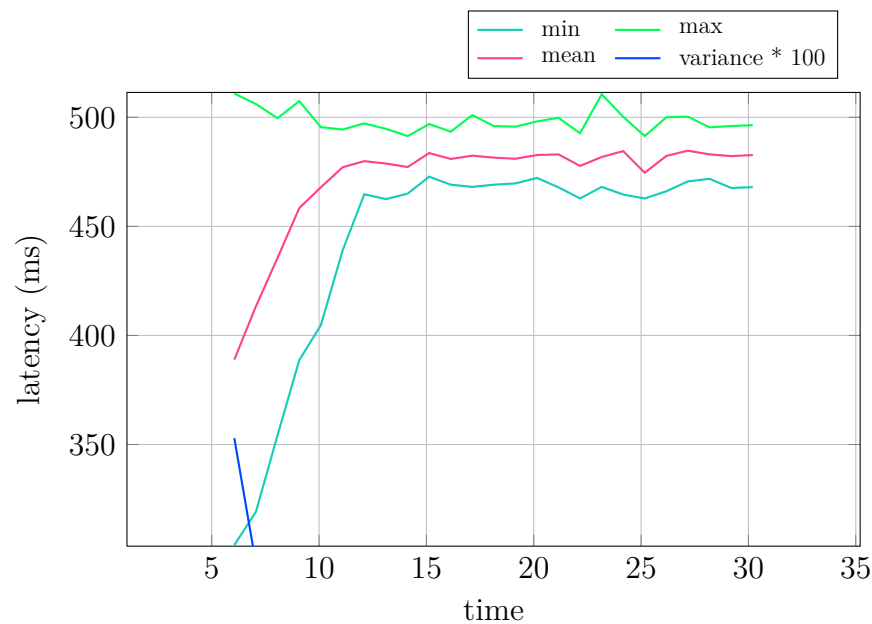
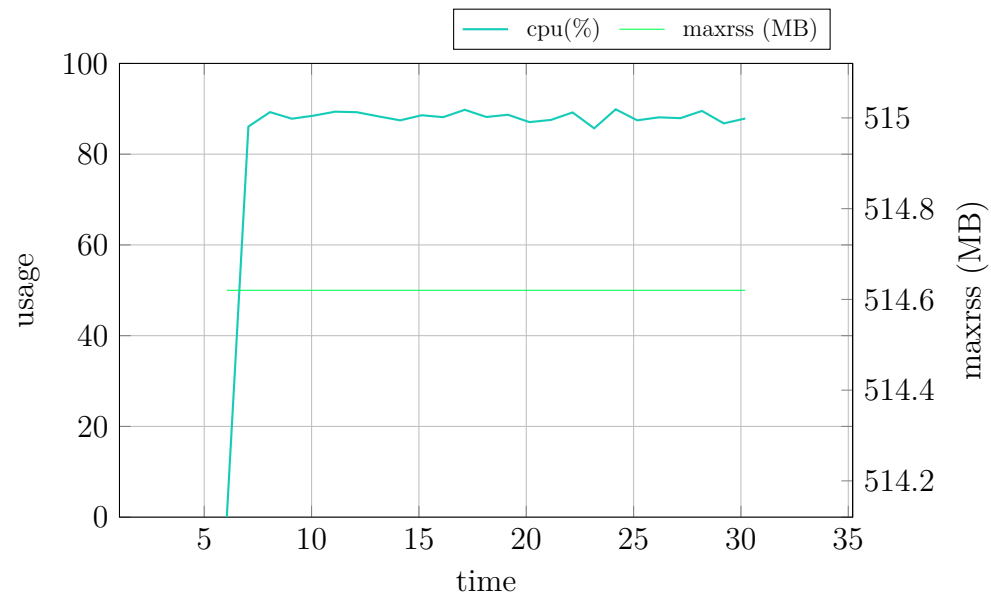


# Performance cyclonedds

Logfile name	4a05f8c2-99a4-4d97-935d-11ac1f45c9ff.csv
Experiment id	303570b0-9024-46ab-8865-adc75691e400
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	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0059
received	1979.28
sent	206.52
lost	69.32
relative_loss	0.3356
data_received	8331645804.76
latency_min (ms)	443.724
latency_max (ms)	498.444
latency_mean (ms)	471.424
latency_variance (ms)	0.4347
pub_loop_res_min (ms)	-10561.44
pub_loop_res_max (ms)	-9974.8
pub_loop_res_mean (ms)	-10270.36
pub_loop_res_variance (ms)	29.1676
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 (%)	84.664
max_ram_usage (MB)	514.62

## 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