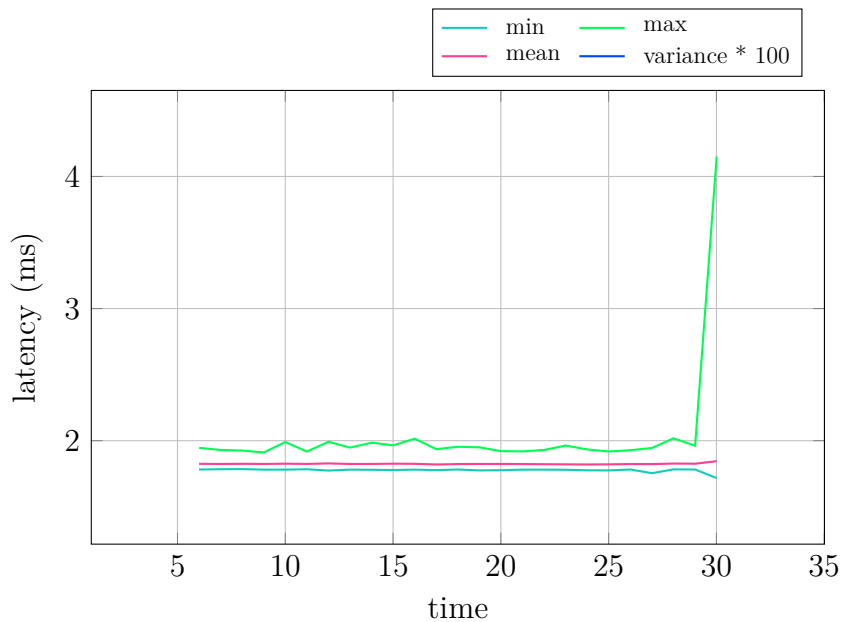
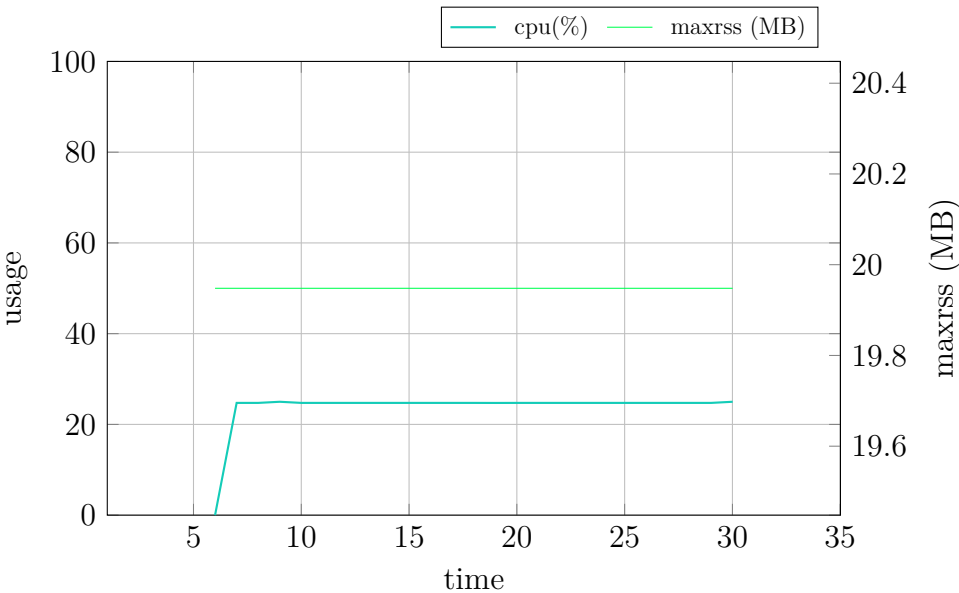


# Performance cyclonedds

Logfile name	81f0d452-d056-4ace-b108-665a61080b7f.csv
Experiment id	2d8be717-a8ba-4419-a103-b3a2acd71714
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	PointCloud1m
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	1.0001
received	499.2
sent	499.2
lost	0.0
relative_loss	0.0
data_received	525501644.24
latency_min (ms)	1.7765
latency_max (ms)	2.0382
latency_mean (ms)	1.8247
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.8439
pub_loop_res_max (ms)	1.0567
pub_loop_res_mean (ms)	1.0094
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 (%)	23.77
max_ram_usage (MB)	19.95

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