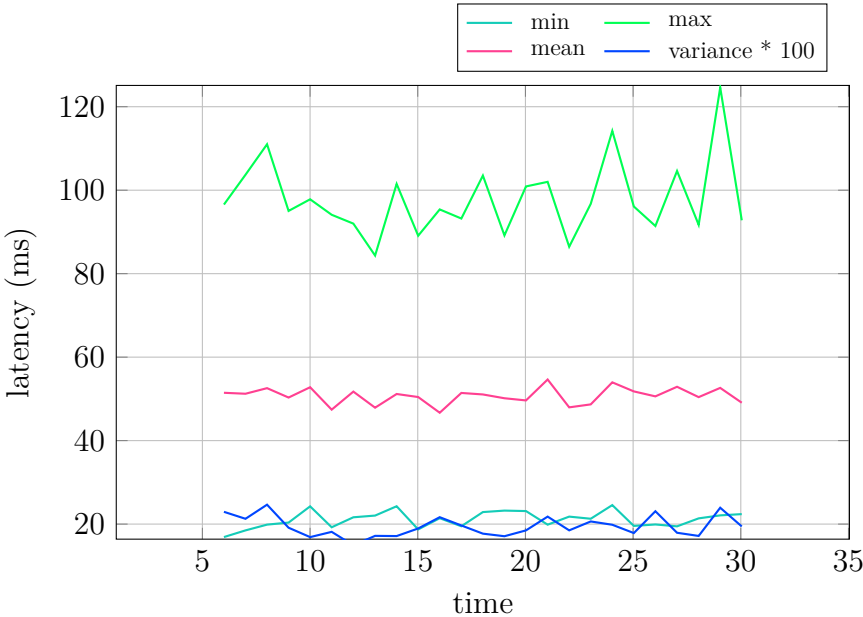
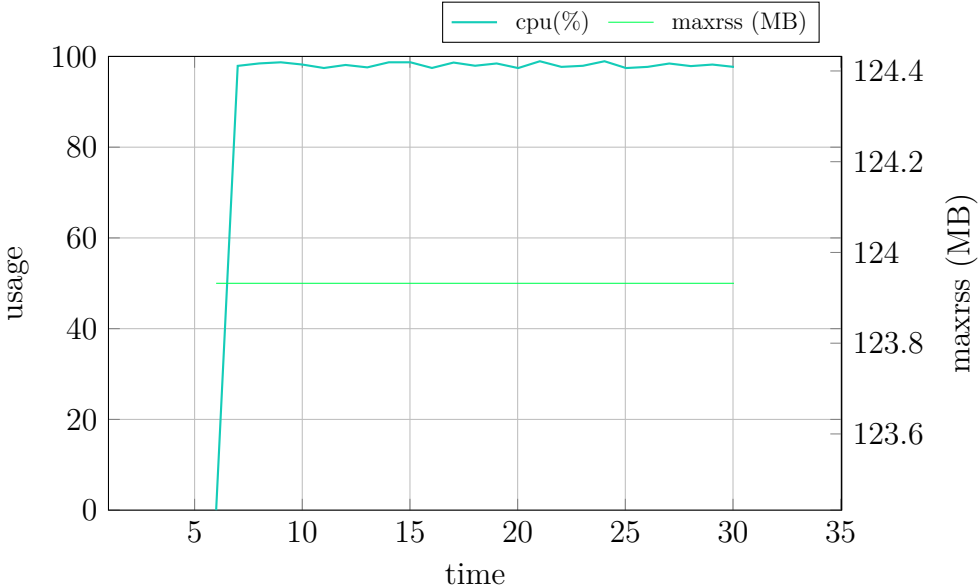


# Performance cyclonedds

Logfile name	6dd2bf05-b0ff-4f22-9c7a-49b13e92a742.csv
Experiment id	e6a433c1-aa4e-4b13-b130-e9f531464678
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getusage](#))

## test setup

Performance Test Version	2113db4
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	1.0009
received	271.92
sent	27.2
lost	0.0
relative_loss	0.0
data_received	1181065805.96
latency_min (ms)	21.1256
latency_max (ms)	97.9156
latency_mean (ms)	50.7456
latency_variance (ms)	0.1944
pub_loop_res_min (ms)	-17352.92
pub_loop_res_max (ms)	-16443.68
pub_loop_res_mean (ms)	-16899.76
pub_loop_res_variance (ms)	74.0744
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 (%)	94.188
max_ram_usage (MB)	123.93

## 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