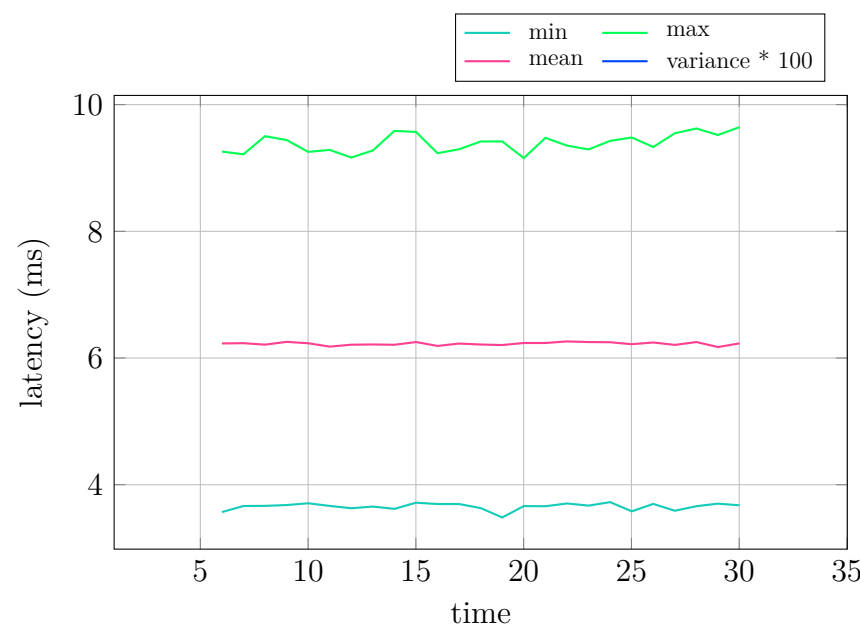
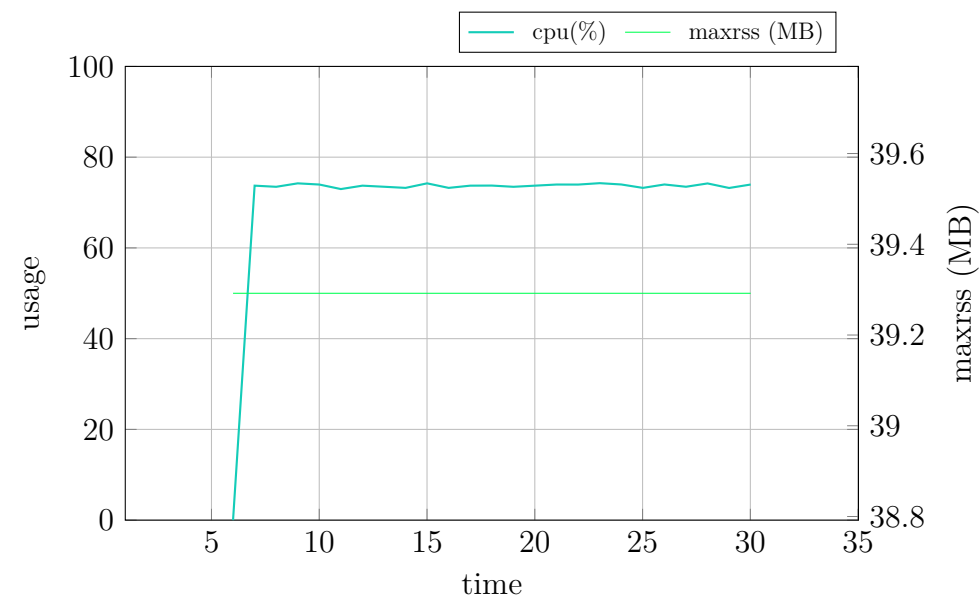


# Performance cyclonedds

Logfile name	68949e0c-5fee-4348-8a60-1d39f42254ec.csv
Experiment id	a84de902-4427-43ae-b4a8-1ed3f84102e5
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	PointCloud1m
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	1.0001
received	990.64
sent	99.08
lost	0.0
relative_loss	0.0
data_received	1051066517.32
latency_min (ms)	3.6559
latency_max (ms)	9.3908
latency_mean (ms)	6.2251
latency_variance (ms)	0.0035
pub_loop_res_min (ms)	8.7734
pub_loop_res_max (ms)	8.9851
pub_loop_res_mean (ms)	8.9084
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 (%)	70.7664
max_ram_usage (MB)	39.29

## 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