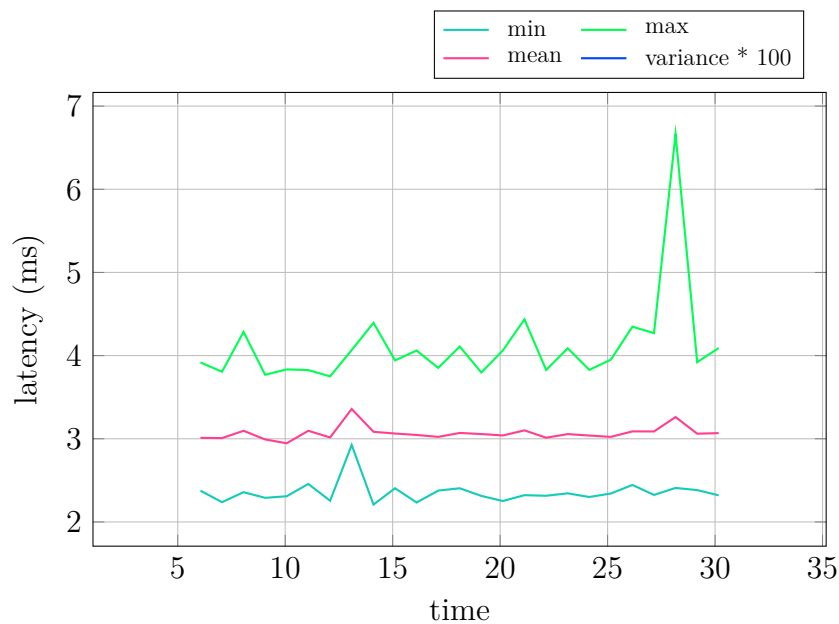
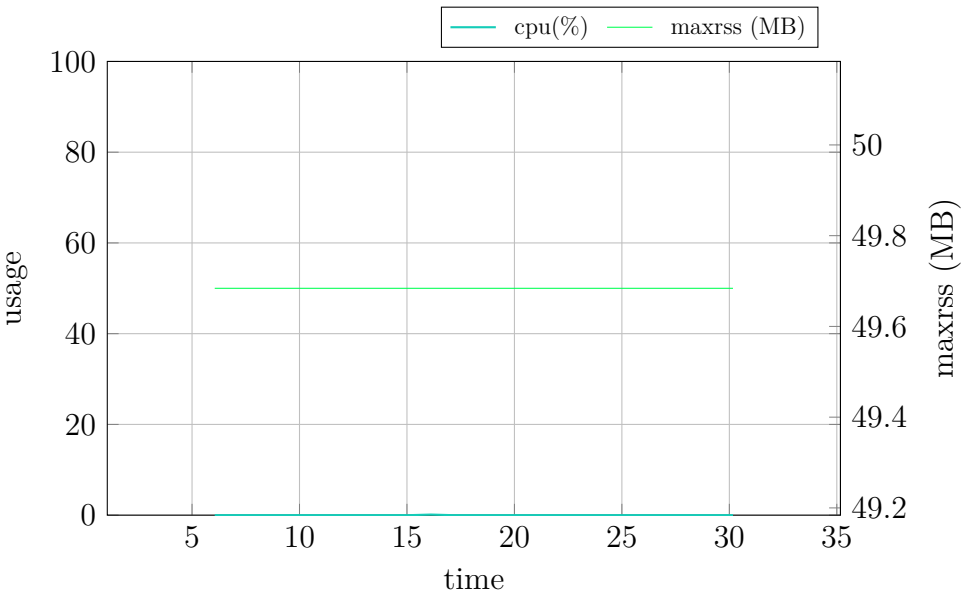


# Performance cyclonedds

Logfile name	d22d0050-5199-41f1-aea3-df7dc3dcbebc.csv
Experiment id	d25b5dc9-fddb-42ae-b71e-c31a2b7ccaf8
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	20
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0047
received	57.36
sent	19.12
lost	0.0
relative_loss	0.0
data_received	252096310.12
latency_min (ms)	2.3563
latency_max (ms)	4.1158
latency_mean (ms)	3.0682
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	32.7076
pub_loop_res_max (ms)	47.6552
pub_loop_res_mean (ms)	40.5852
pub_loop_res_variance (ms)	0.021
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 (%)	0.0052
max_ram_usage (MB)	49.68

## 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