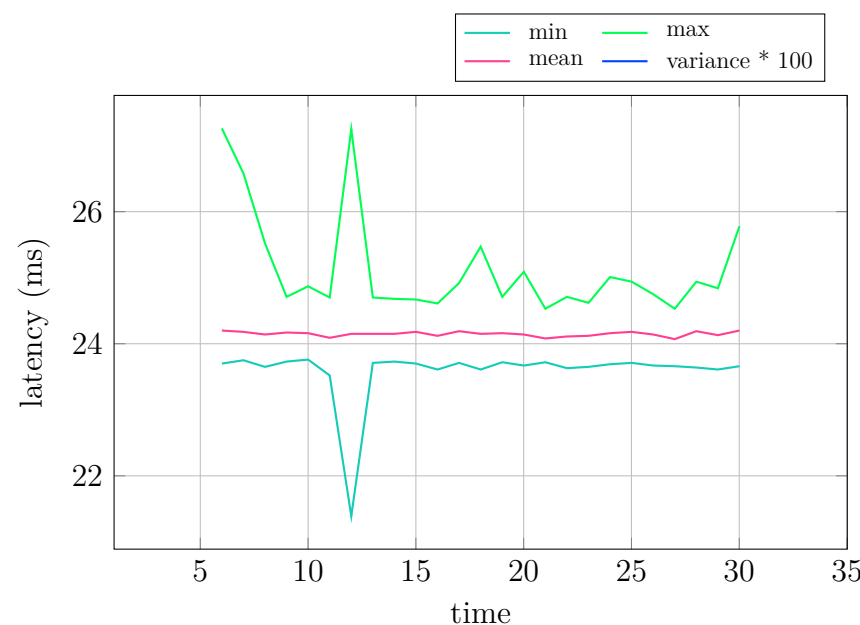
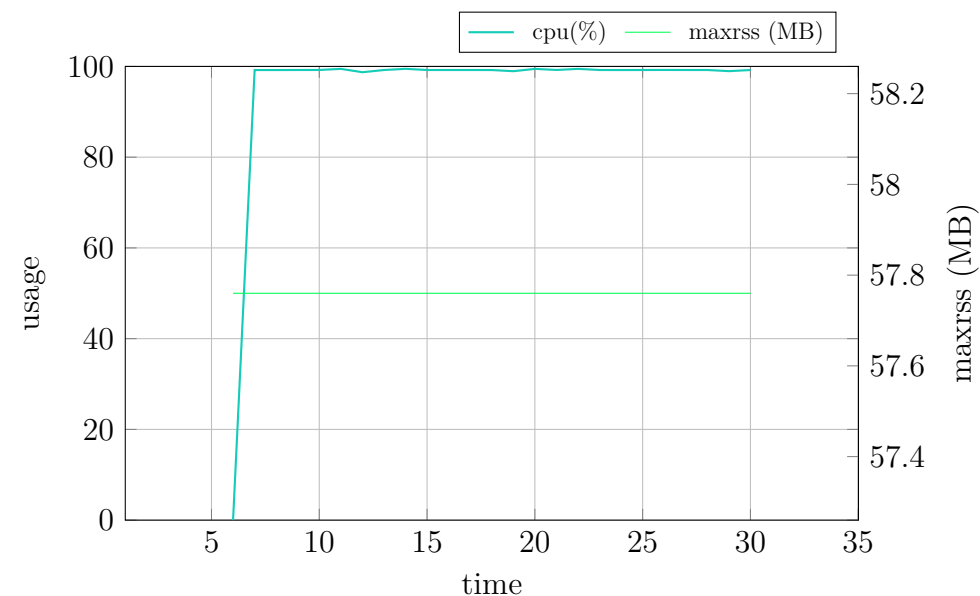


Performance cyclonedds

Logfile name	7ab6a3f7-466d-4e25-940e-d0cee3a69ed5.csv
Experiment id	5de8816e-563a-4c6f-87d9-05b649562910
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	100
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	1.0001
received	245.16
sent	81.72
lost	0.0
relative_loss	0.0
data_received	1041055673.72
latency_min (ms)	23.584
latency_max (ms)	25.1356
latency_mean (ms)	24.1484
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-3142.52
pub_loop_res_max (ms)	-2971.504
pub_loop_res_mean (ms)	-3057.036
pub_loop_res_variance (ms)	2.4873
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 (%)	95.2416
max_ram_usage (MB)	57.76

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