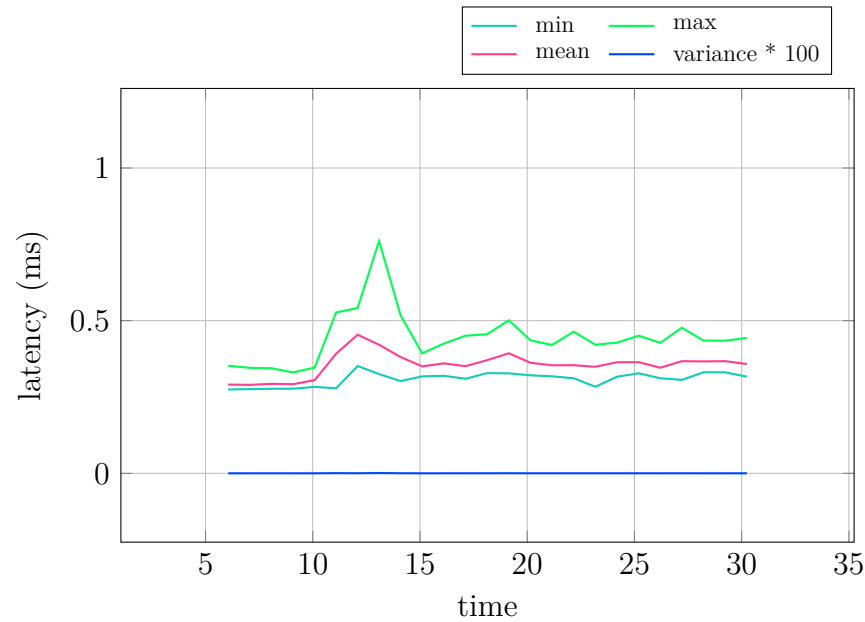
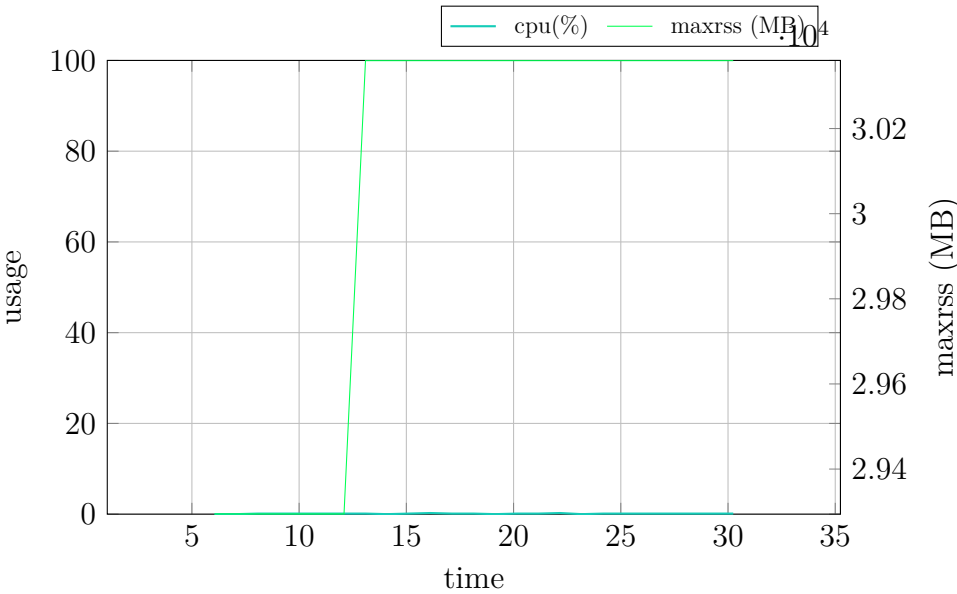


Performance cyclonedds

Logfile name	01cd2a51-163e-4d37-8a7e-9dfd7c0c32e6.csv
Experiment id	7e539fc1-470f-46c9-8ae5-8c9234a0a69c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
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	1.0077
received	19.16
sent	19.16
lost	0.0
relative_loss	0.0
data_received	21021120.32
latency_min (ms)	0.3088
latency_max (ms)	0.4451
latency_mean (ms)	0.3558
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.6872
pub_loop_res_max (ms)	48.25
pub_loop_res_mean (ms)	41.024
pub_loop_res_variance (ms)	0.0072
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 (%)	0.1091
max_ram_usage (MB)	30359.55

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