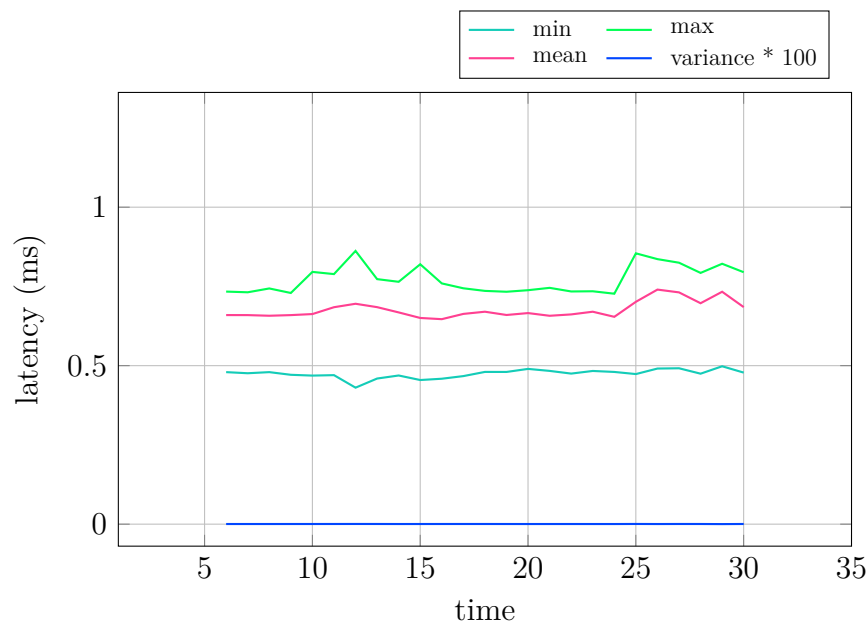
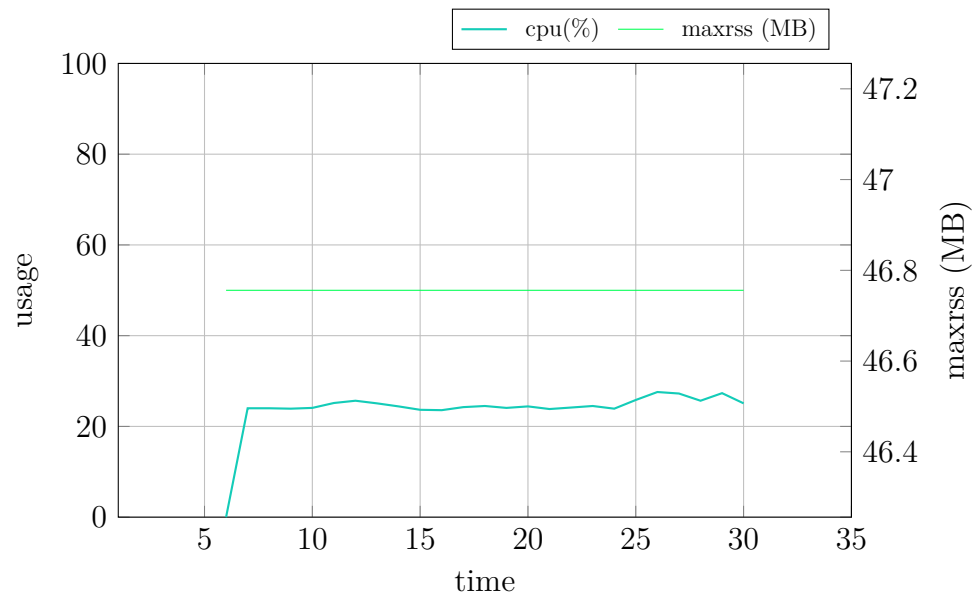


Performance cyclonedds

Logfile name	ef52c92f-0245-4b9a-bc7b-c8653809ea78.csv
Experiment id	76a56113-ebe0-48a5-b7dc-8b00a592a173
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
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	4990.48
sent	499.08
lost	0.0
relative_loss	0.0
data_received	5255014883.6
latency_min (ms)	0.4746
latency_max (ms)	0.7727
latency_mean (ms)	0.6767
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7578
pub_loop_res_max (ms)	1.809
pub_loop_res_mean (ms)	1.7893
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 (%)	23.8359
max_ram_usage (MB)	46.76

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