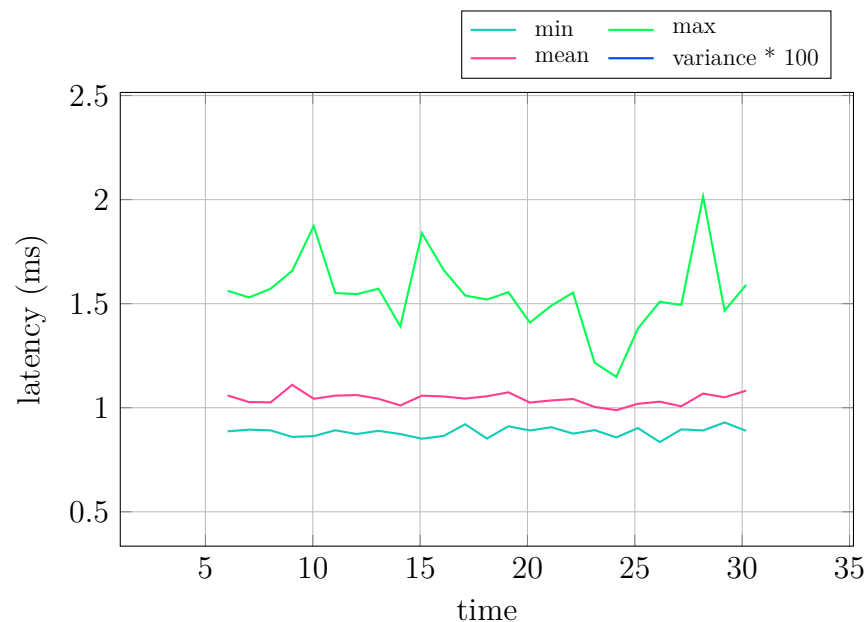
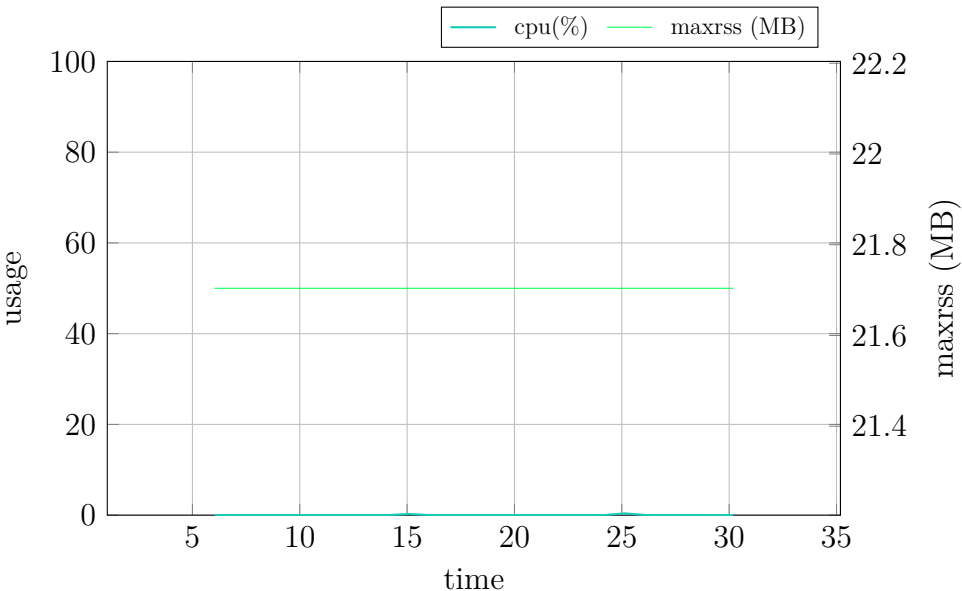


Performance cyclonedds

Logfile name	b84bd5e6-6df9-4a1d-8abd-04126c55d5ce.csv
Experiment id	c7a92c83-e78e-493f-813a-eaaead87dc67
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	20
Topic name	PointCloud1m
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	1.0065
received	57.36
sent	19.12
lost	0.0
relative_loss	0.0
data_received	63024582.44
latency_min (ms)	0.8835
latency_max (ms)	1.5457
latency_mean (ms)	1.0429
latency_variance (ms)	0.0
pub_loop_res_min (ms)	33.634
pub_loop_res_max (ms)	48.3068
pub_loop_res_mean (ms)	41.2908
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 (%)	0.0259
max_ram_usage (MB)	21.7

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