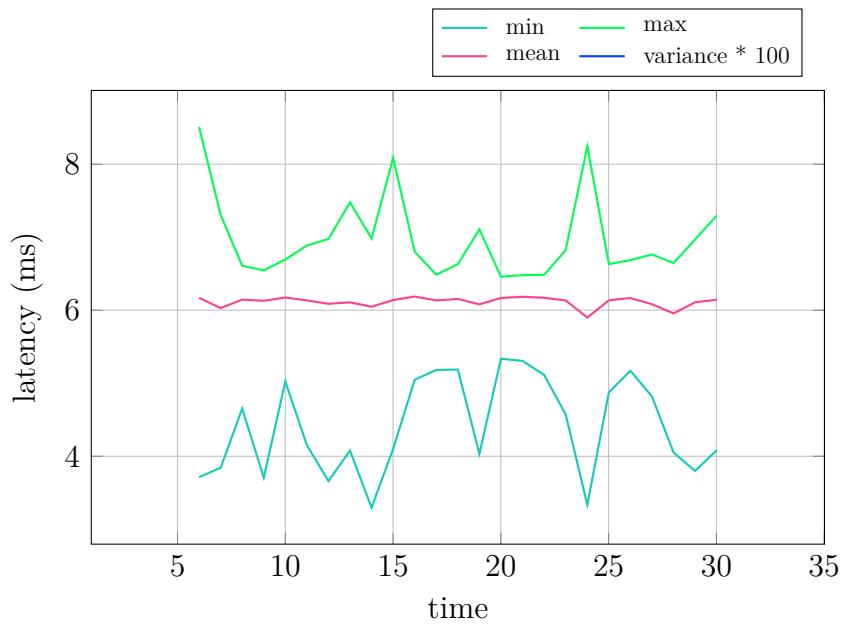
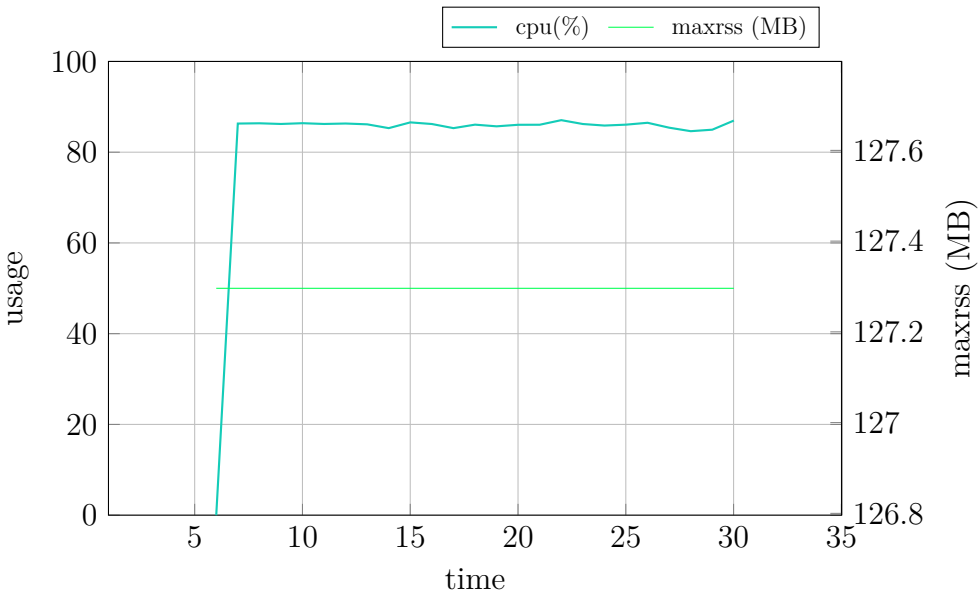


Performance cyclonedds

Logfile name	73eed467-0f03-4e14-a3e2-8dbe586abf66.csv
Experiment id	a7f637af-9423-46ad-90b9-fa297f7e9a87
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	PointCloud4m
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	3097.12
sent	309.68
lost	0.0
relative_loss	0.0
data_received	13034997185.56
latency_min (ms)	4.4055
latency_max (ms)	6.9831
latency_mean (ms)	6.1147
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-6836.6
pub_loop_res_max (ms)	-6458.52
pub_loop_res_mean (ms)	-6647.24
pub_loop_res_variance (ms)	11.9992
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 (%)	82.5939
max_ram_usage (MB)	127.3

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