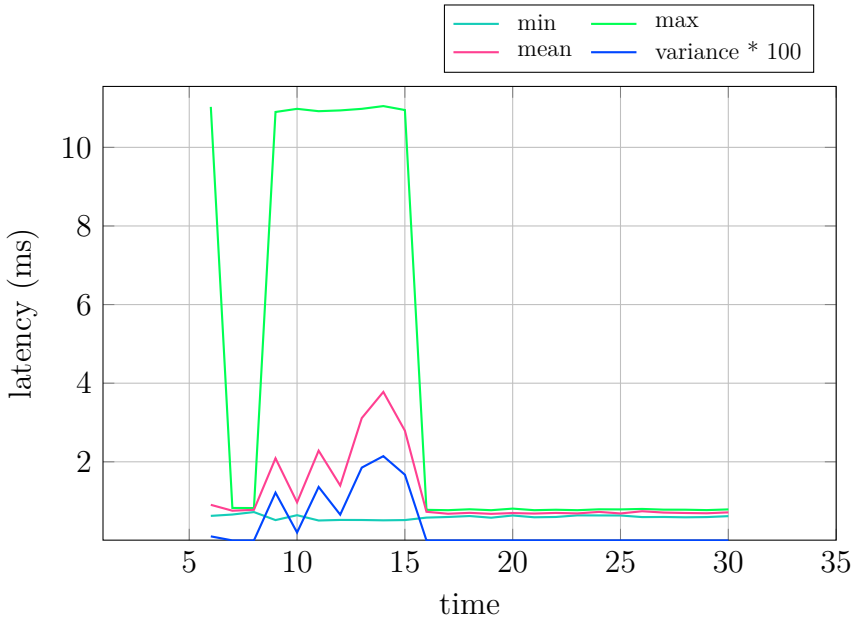
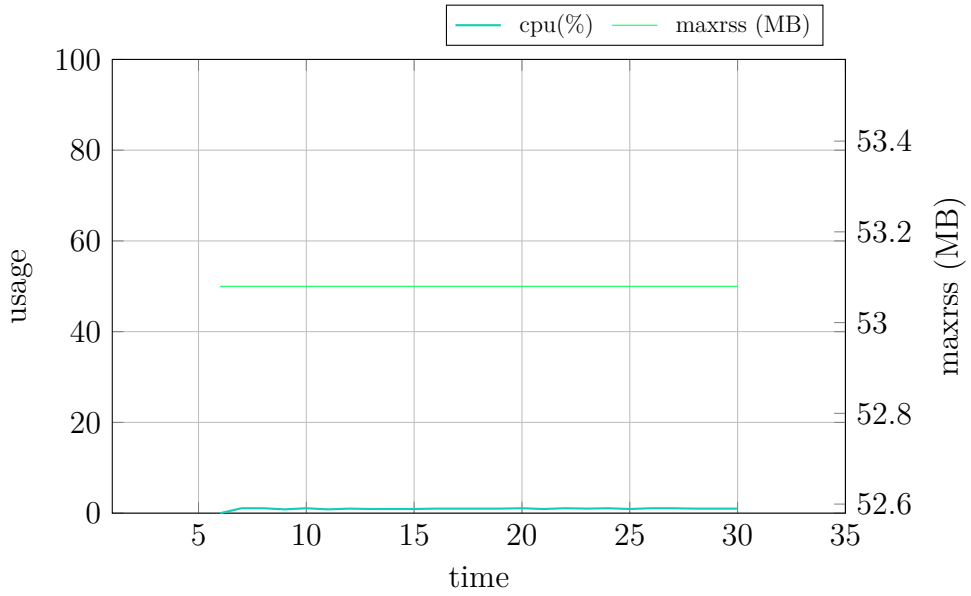
Performance fastrtps

Logfile name	fb57a6c0-4c7a-482d-9d58-d73ca8176969.csv
Experiment id	5e9860f8-4c74-427d-a489-ed4b3b03988f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	PointCloud1m
Number of publishers	0
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	297.0
sent	0.0
lost	0.0
relative_loss	nan
data_received	315271316.28
latency_min (ms)	0.5931
latency_max (ms)	4.0455
latency_mean (ms)	1.1748
latency_variance (ms)	0.0037
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
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 (%)	0.9562
max_ram_usage (MB)	53.08

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0