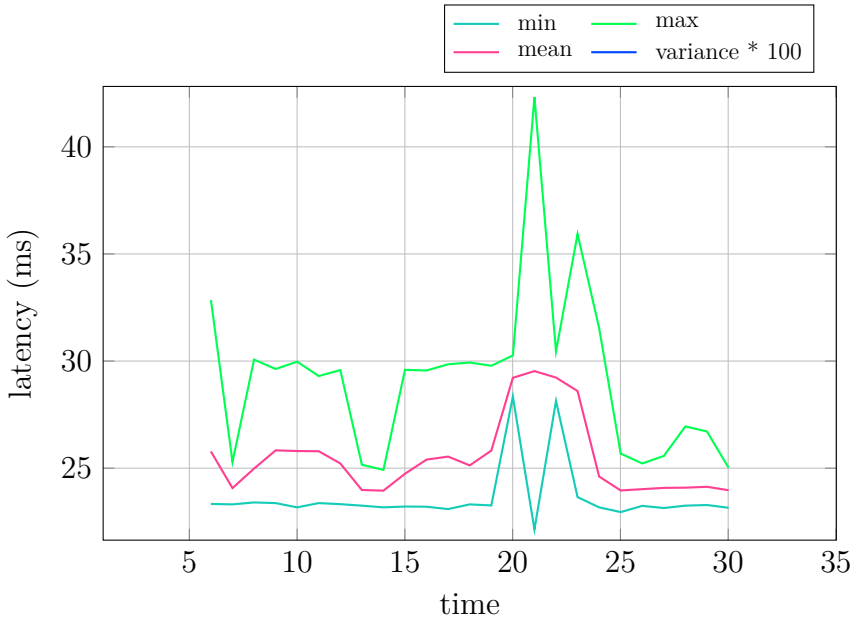
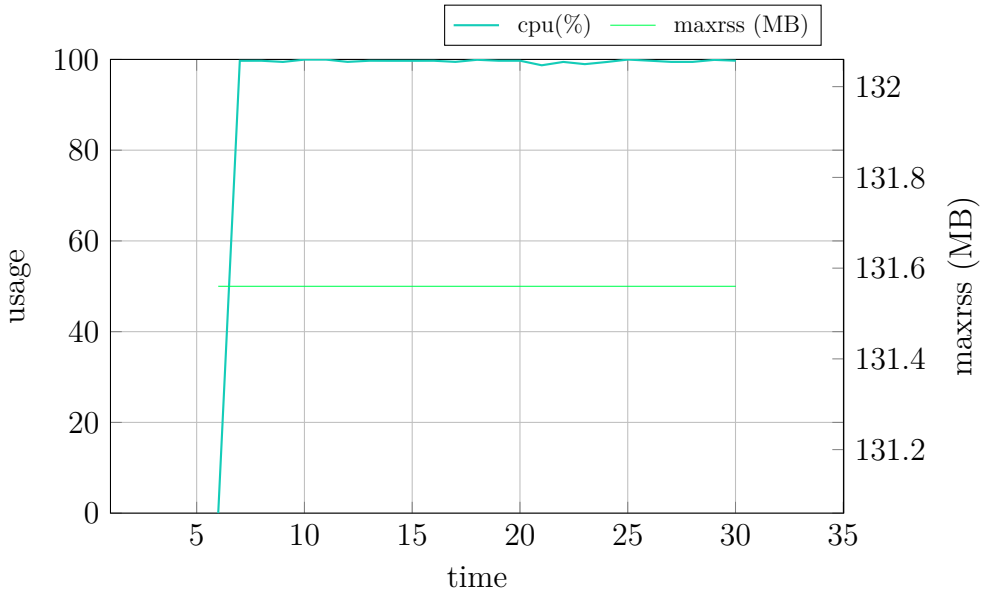
Performance fastrtps

Logfile name	8ac8e4ea-e8fa-46c5-9aa2-58dc3a462997.csv
Experiment id	de3346f4-1d67-4bb5-af6f-fba08a64f9dd
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	PointCloud4m
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	1.0001
received	247.92
sent	82.6
lost	0.0
relative_loss	0.0
data_received	1052350356.72
latency_min (ms)	23.6084
latency_max (ms)	29.2452
latency_mean (ms)	25.4988
latency_variance (ms)	0.0024
pub_loop_res_min (ms)	-18346.24
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4613920000000.0
pub_loop_res_variance (ms)	2.12656e+22
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 (%)	95.6256
max_ram_usage (MB)	131.56

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0