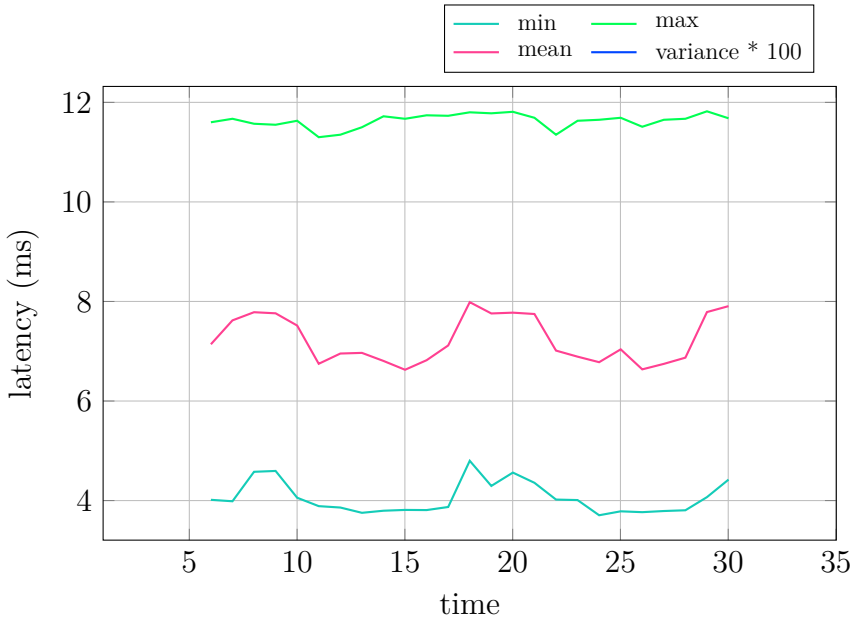
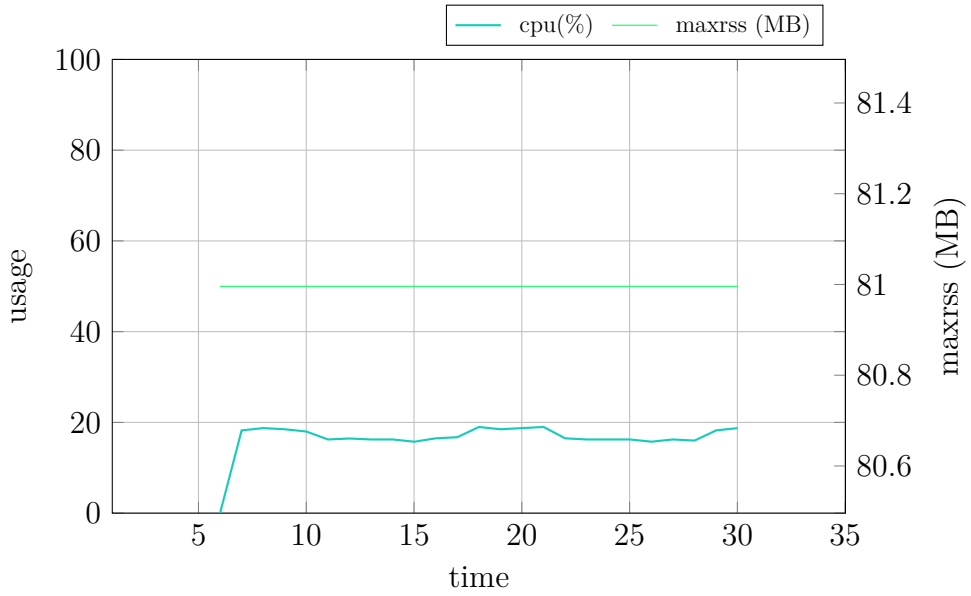
Performance fastrtps

Logfile name	46020245-75e0-4ba2-ba1c-4277e0c5ecd2.csv
Experiment id	36b358c6-f41a-45f7-91f8-f8bc6a4d9d5e
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	20
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	1.0002
received	190.4
sent	19.0
lost	0.0
relative_loss	0.0
data_received	210517089.24
latency_min (ms)	4.0562
latency_max (ms)	11.6304
latency_mean (ms)	7.2318
latency_variance (ms)	0.0053
pub_loop_res_min (ms)	48.7076
pub_loop_res_max (ms)	49.0576
pub_loop_res_mean (ms)	48.9296
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 (%)	16.5192
max_ram_usage (MB)	81.0

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