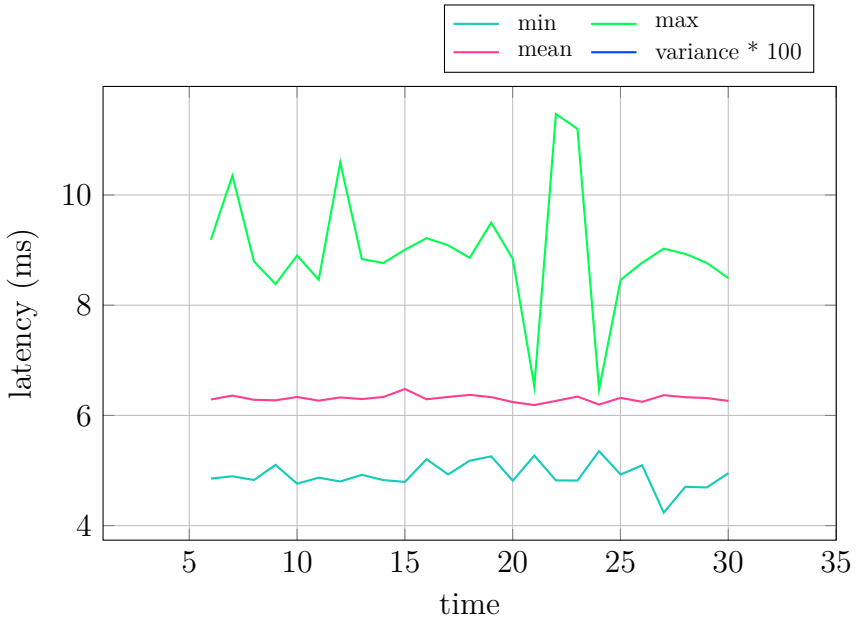
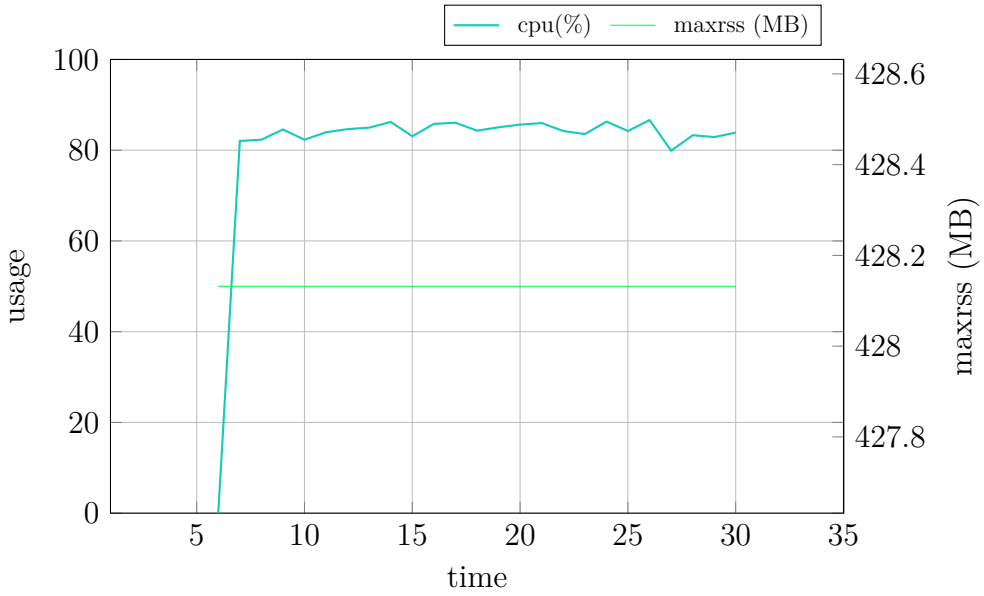
Performance fastrtps

Logfile name	c6281816-114b-44c7-9934-12813b1dc63c.csv
Experiment id	dbb416f4-d4a4-423b-afa6-8956368db4cc
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	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	3140.84
sent	314.12
lost	0.0
relative_loss	0.0
data_received	13218938461.72
latency_min (ms)	4.9162
latency_max (ms)	8.9957
latency_mean (ms)	6.3059
latency_variance (ms)	0.0004
pub_loop_res_min (ms)	-18589.28
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612400000000.0
pub_loop_res_variance (ms)	2.127e+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 (%)	80.8733
max_ram_usage (MB)	428.13

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