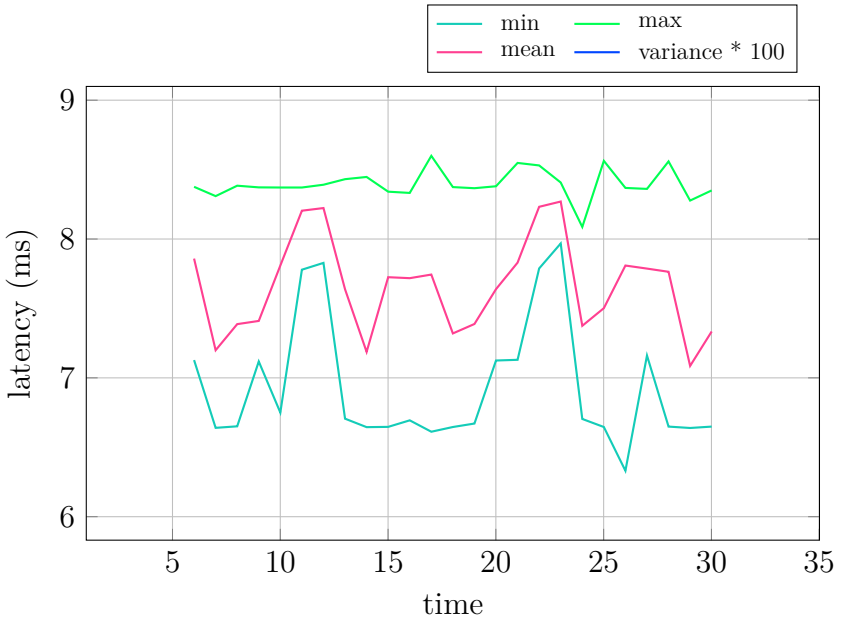
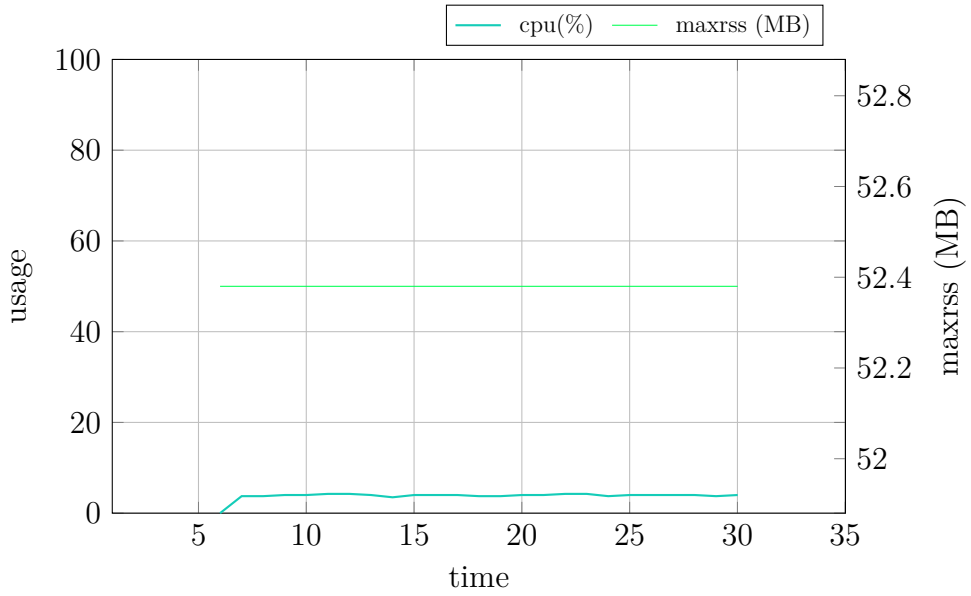
Performance fastrtps

Logfile name	97f07f53-481c-491d-811d-637fb24e6111.csv
Experiment id	193e3a54-65db-465c-9551-268b95c39c16
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0002
received	19.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	83899672.88
latency_min (ms)	6.9322
latency_max (ms)	8.3958
latency_mean (ms)	7.6576
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	45.7272
pub_loop_res_max (ms)	46.5988
pub_loop_res_mean (ms)	46.1588
pub_loop_res_variance (ms)	0.0001
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 (%)	3.7983
max_ram_usage (MB)	52.38

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