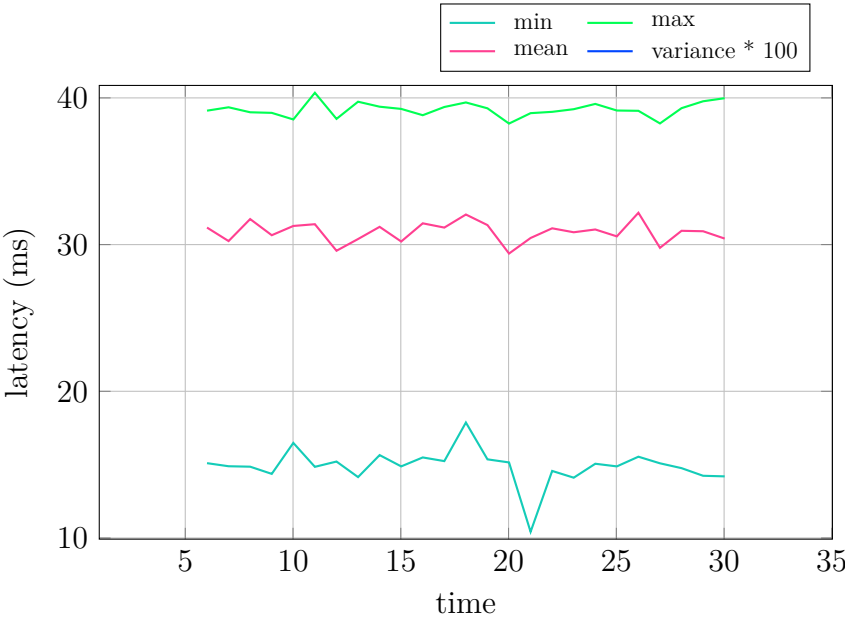
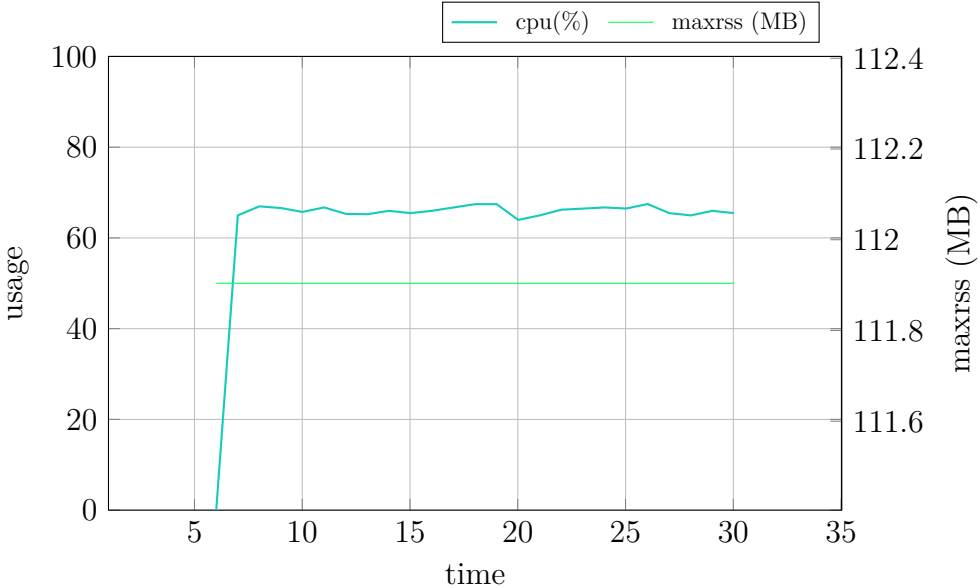


Performance cyclonedds

Logfile name	a3e74b71-7d12-412c-a553-c47222cc3b6b.csv
Experiment id	94a07fa5-e3e0-4b01-9e77-74ed5c7c866b
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	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0002
received	190.24
sent	19.0
lost	0.0
relative_loss	0.0
data_received	839788728.48
latency_min (ms)	14.8968
latency_max (ms)	39.2064
latency_mean (ms)	30.856
latency_variance (ms)	0.0303
pub_loop_res_min (ms)	30.1184
pub_loop_res_max (ms)	46.5988
pub_loop_res_mean (ms)	42.3488
pub_loop_res_variance (ms)	0.0297
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 (%)	63.3852
max_ram_usage (MB)	111.9

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0