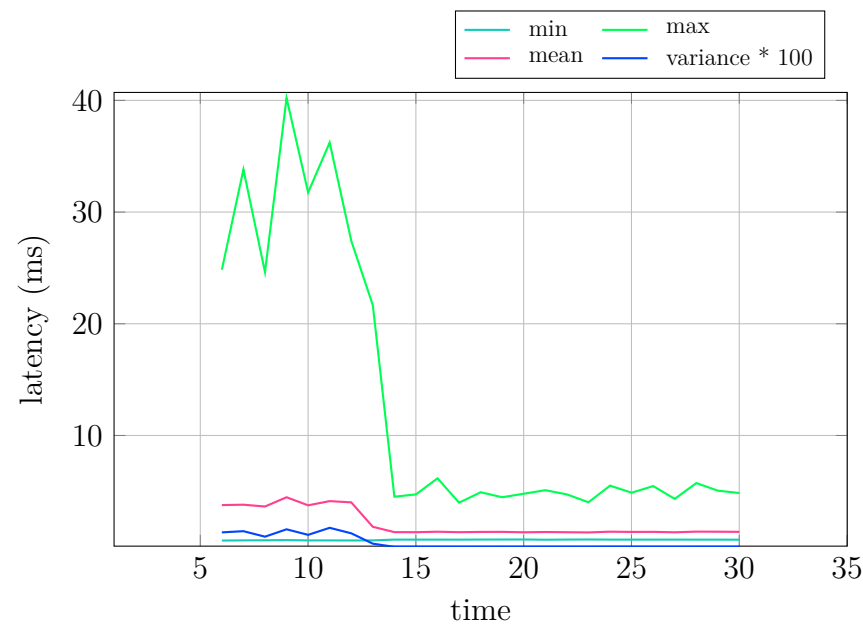
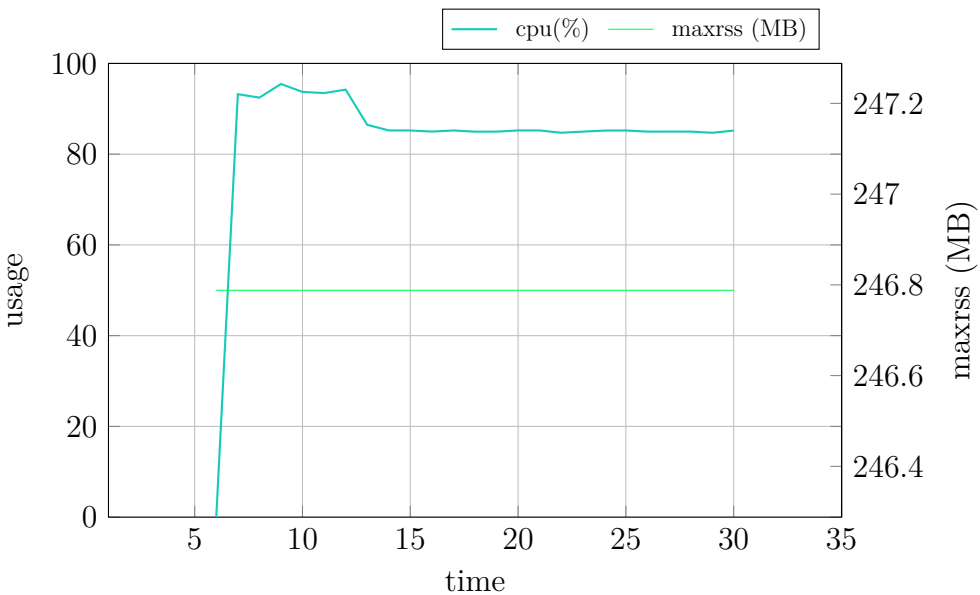


Performance cyclonedds

Logfile name	9f1b164b-f165-4999-90c5-981ccb06b05b.csv
Experiment id	bc32538b-3f74-40e7-92cd-2413870057d7
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man gettrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Struct32k
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	5235.32
sent	523.4
lost	0.0
relative_loss	0.0
data_received	355138227.6
latency_min (ms)	0.6567
latency_max (ms)	12.9523
latency_mean (ms)	2.1
latency_variance (ms)	0.0041
pub_loop_res_min (ms)	-204.1129
pub_loop_res_max (ms)	-153.8297
pub_loop_res_mean (ms)	-179.2778
pub_loop_res_variance (ms)	0.69
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 (%)	83.8008
max_ram_usage (MB)	246.79

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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