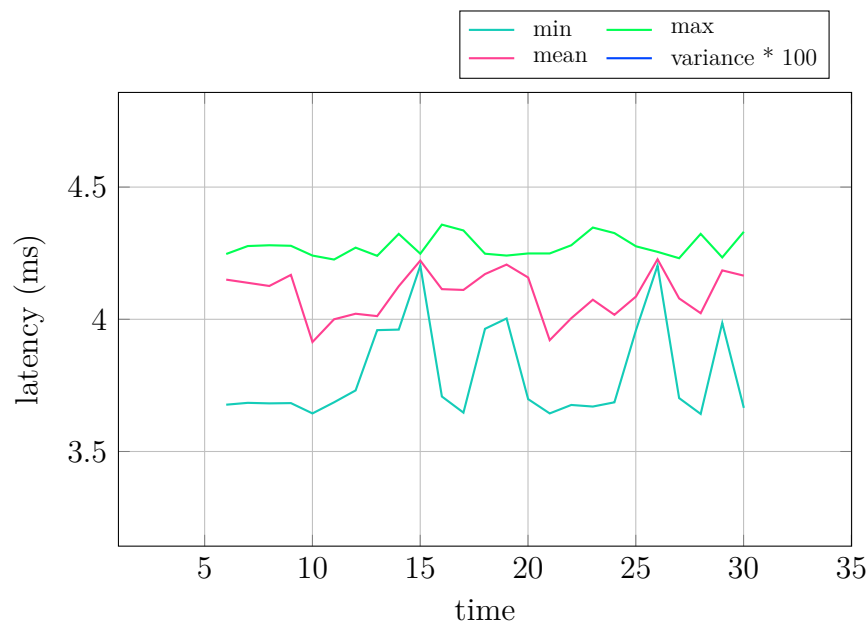
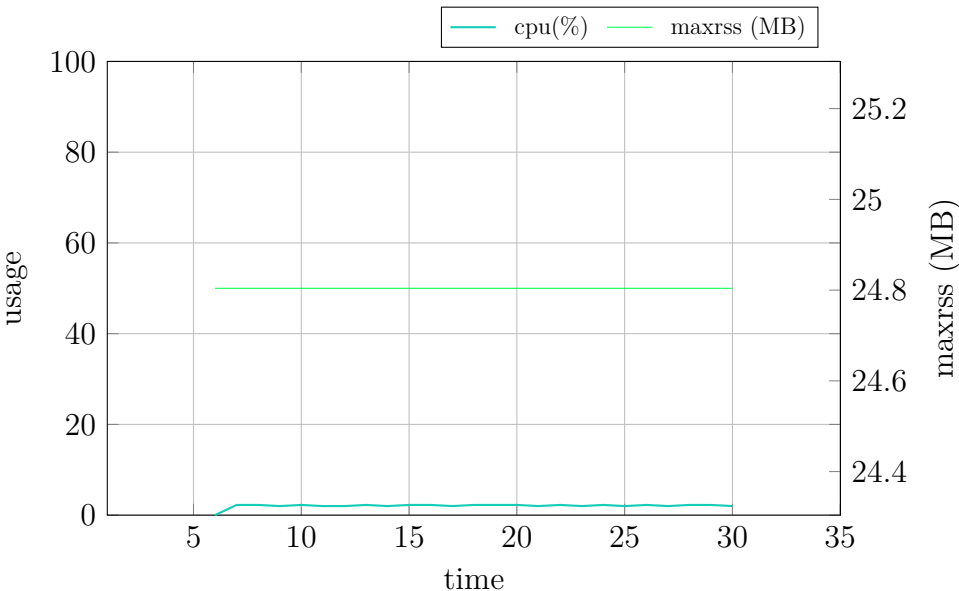


Performance cyclonedds

Logfile name	311dd5f8-ad3f-4b7e-b1fe-3ad745195b3a.csv
Experiment id	ea98fc80-6a2e-441f-a732-8a43dd63b42e
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Array2m
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	41925574.36
latency_min (ms)	3.7905
latency_max (ms)	4.2766
latency_mean (ms)	4.0967
latency_variance (ms)	0.0
pub_loop_res_min (ms)	47.6988
pub_loop_res_max (ms)	48.0608
pub_loop_res_mean (ms)	47.864
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 (%)	2.059
max_ram_usage (MB)	24.8

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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