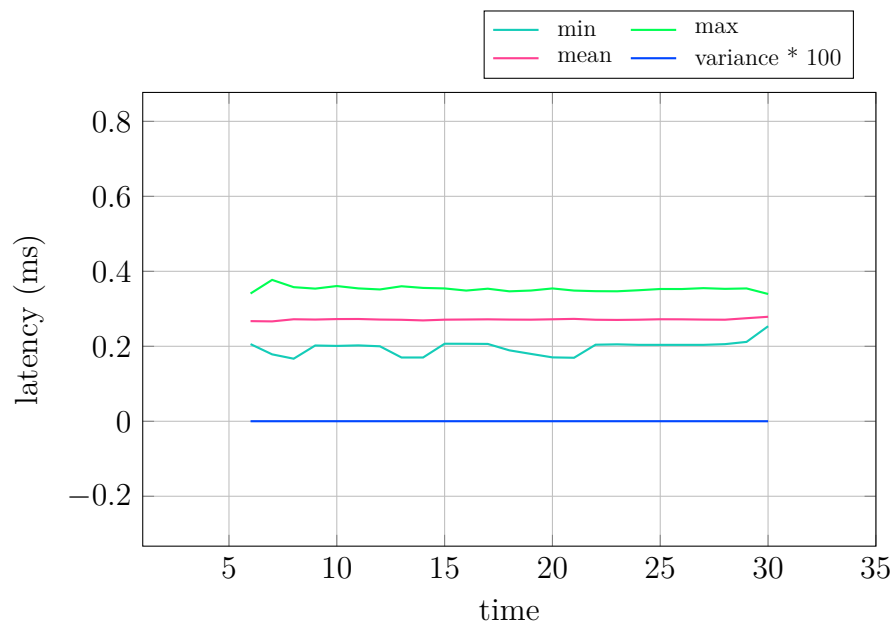
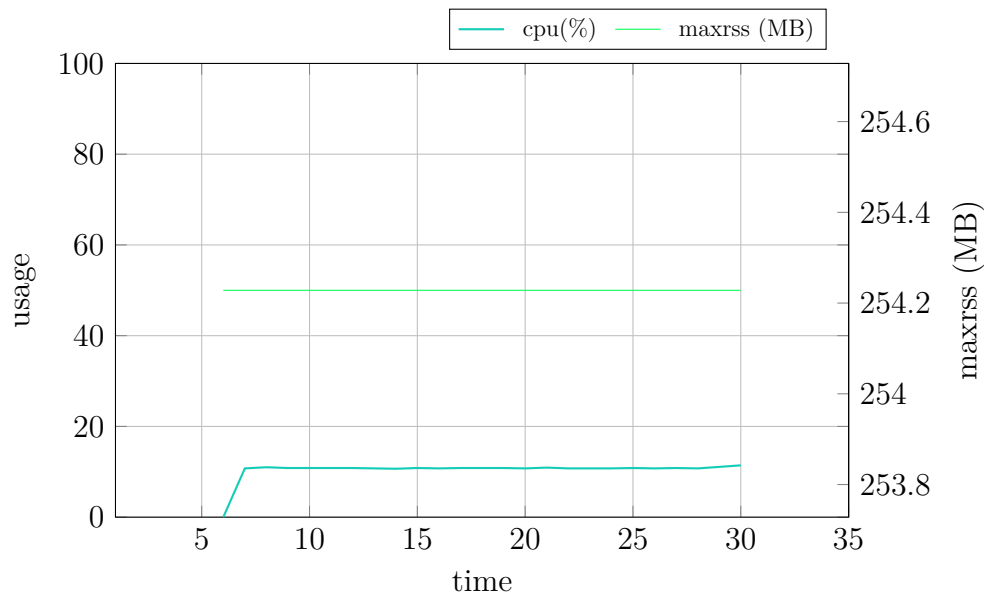


Performance cyclonedds

Logfile name	c12ec376-8bc1-48e3-a85d-ef958ecca939.csv
Experiment id	ff528737-944d-4279-ad16-c95728b42ccf
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

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	4990.76
sent	499.04
lost	0.0
relative_loss	0.0
data_received	338662358.56
latency_min (ms)	0.1968
latency_max (ms)	0.3527
latency_mean (ms)	0.2715
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8686
pub_loop_res_max (ms)	1.9134
pub_loop_res_mean (ms)	1.9078
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 (%)	10.4051
max_ram_usage (MB)	254.23

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