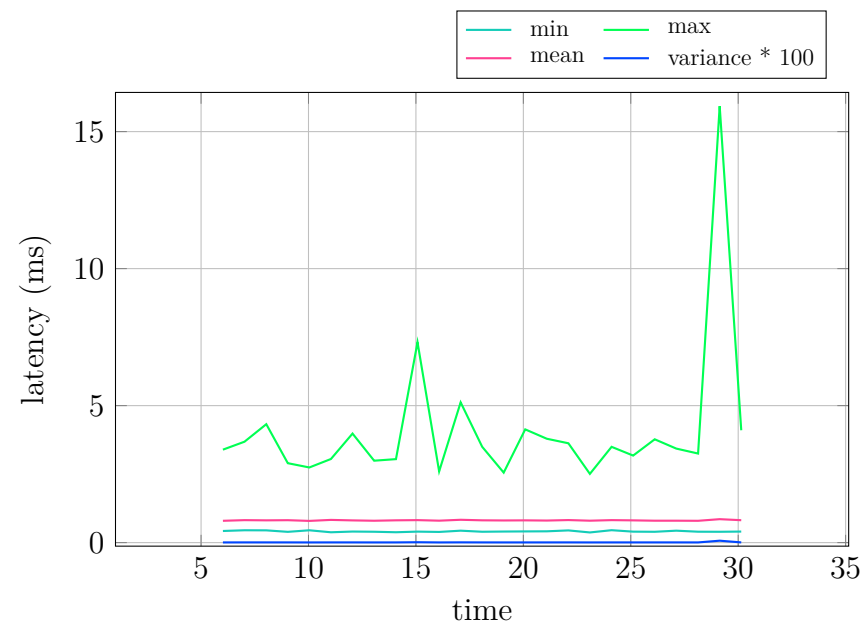
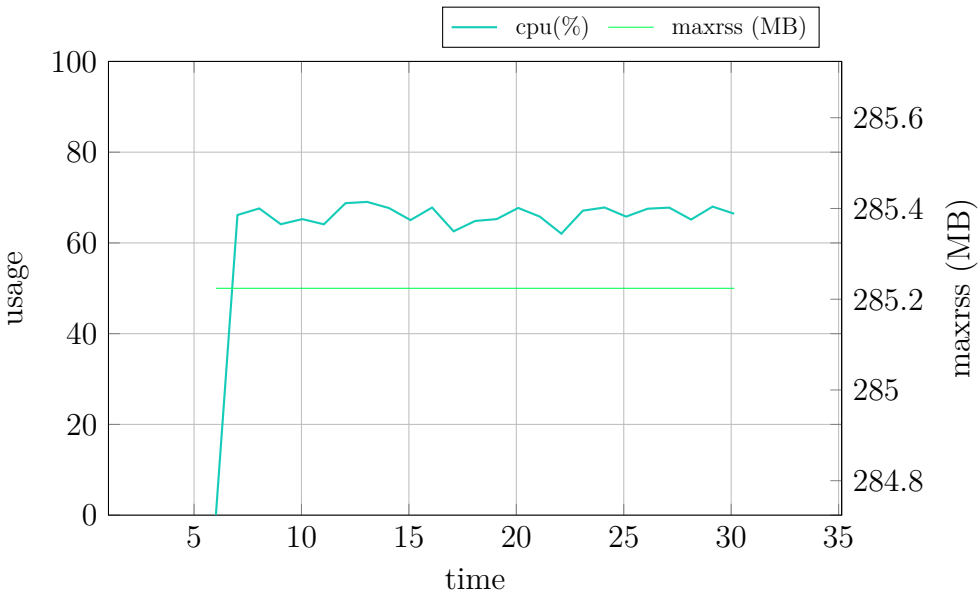


Performance cyclonedds

Logfile name	ea9c3f14-0ae2-455a-9249-e940e9a481c3.csv
Experiment id	d5edb148-43c5-48cf-9bdc-21bb58a6b5f6
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	0
Publishing rate	Struct32k
Topic name	1
Number of publishers	10
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0049
received	17157.16
sent	1715.72
lost	0.0
relative_loss	0.0
data_received	1162369697.84
latency_min (ms)	0.4111
latency_max (ms)	4.0964
latency_mean (ms)	0.8128
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-18108.92
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611880000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	63.5744
max_ram_usage (MB)	285.22

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