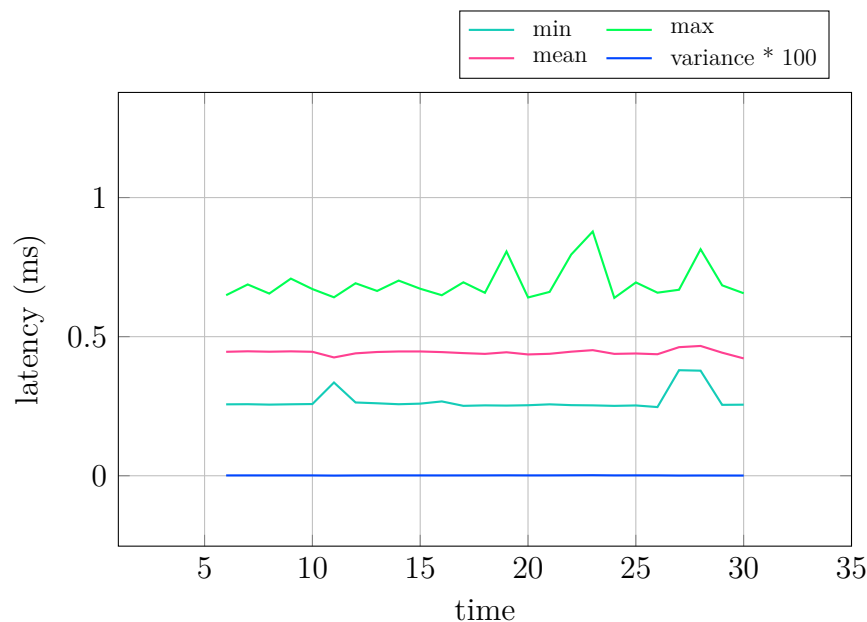
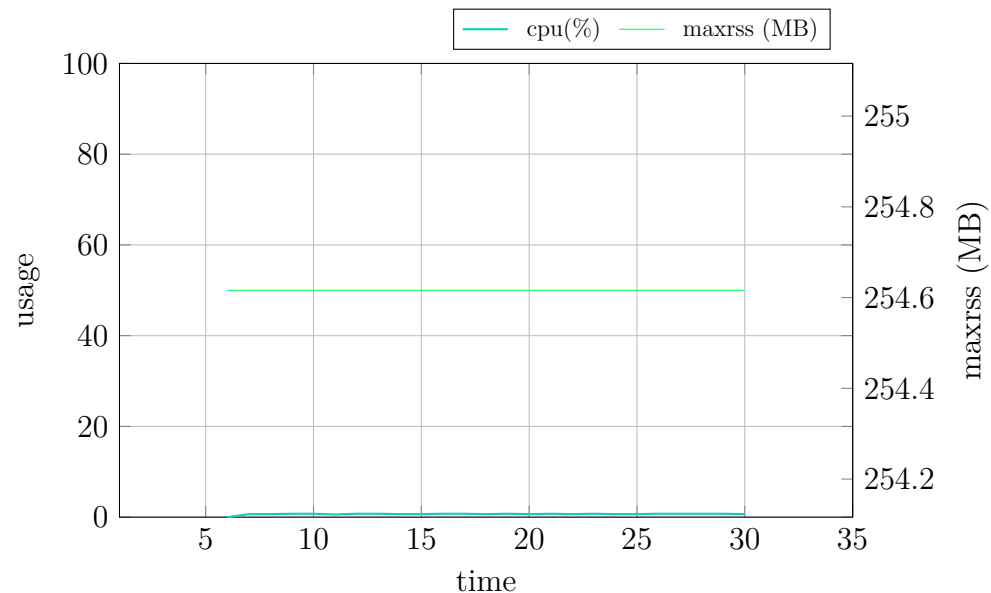


# Performance cyclonedds

Logfile name	6c141728-16a6-4e41-8fd4-112eac405d46.csv
Experiment id	851e97f5-43cf-4fd3-bd68-171f2b8c4bab
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
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	190.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	13543890.12
latency_min (ms)	0.2687
latency_max (ms)	0.6937
latency_mean (ms)	0.4433
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.8312
pub_loop_res_max (ms)	49.87
pub_loop_res_mean (ms)	49.864
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 (%)	0.6794
max_ram_usage (MB)	254.62

## 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