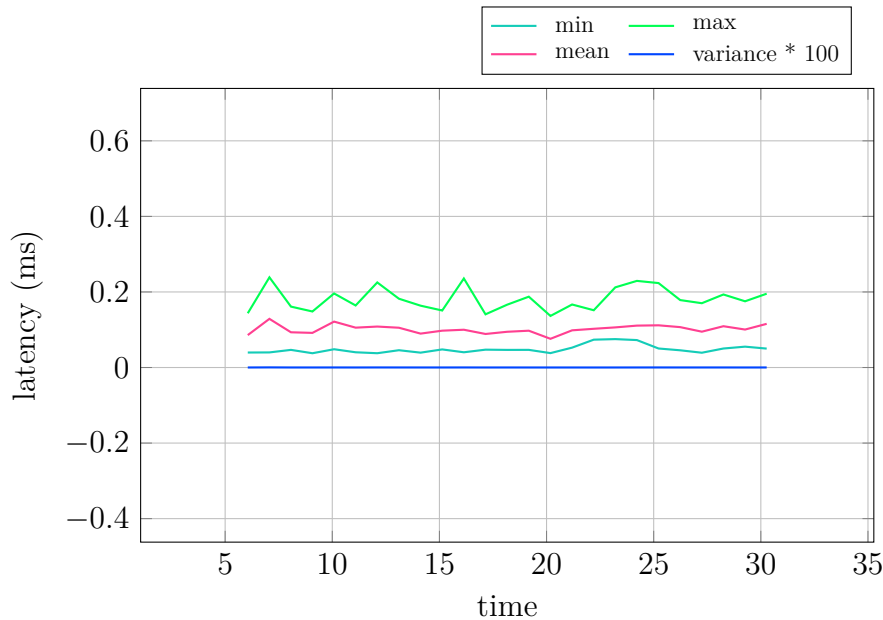
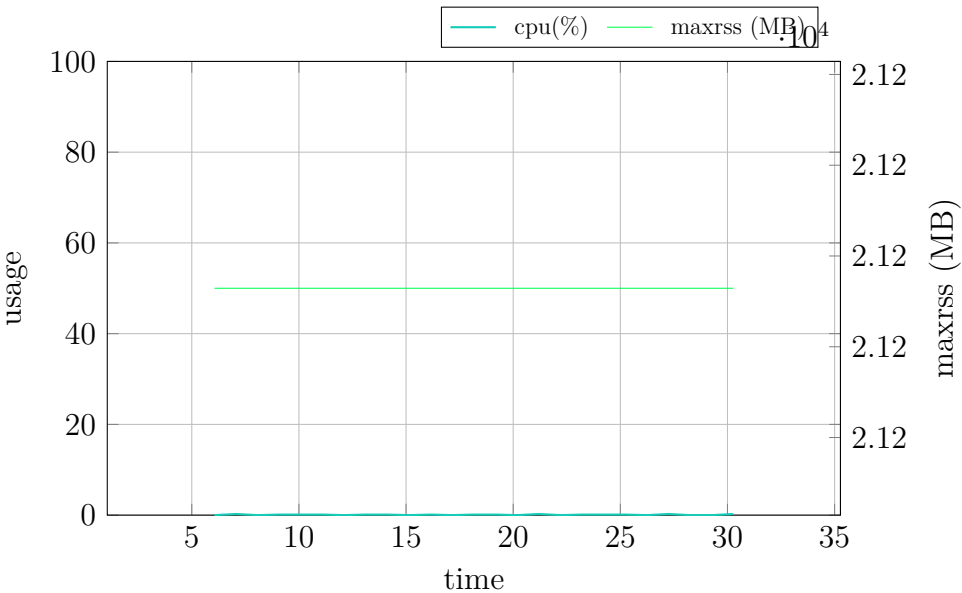


# Performance cyclonedds

Logfile name	009e8959-5c2c-4779-895a-88a0588d44a7.csv
Experiment id	8bda25cd-64bc-4d67-b9b3-51b9d834bd54
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	Array16k
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0087
received	57.6
sent	19.2
lost	0.0
relative_loss	0.0
data_received	985010.64
latency_min (ms)	0.0483
latency_max (ms)	0.1815
latency_mean (ms)	0.1016
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.82
pub_loop_res_max (ms)	47.6032
pub_loop_res_mean (ms)	41.1008
pub_loop_res_variance (ms)	0.0057
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 (%)	0.0941
max_ram_usage (MB)	21151.74

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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