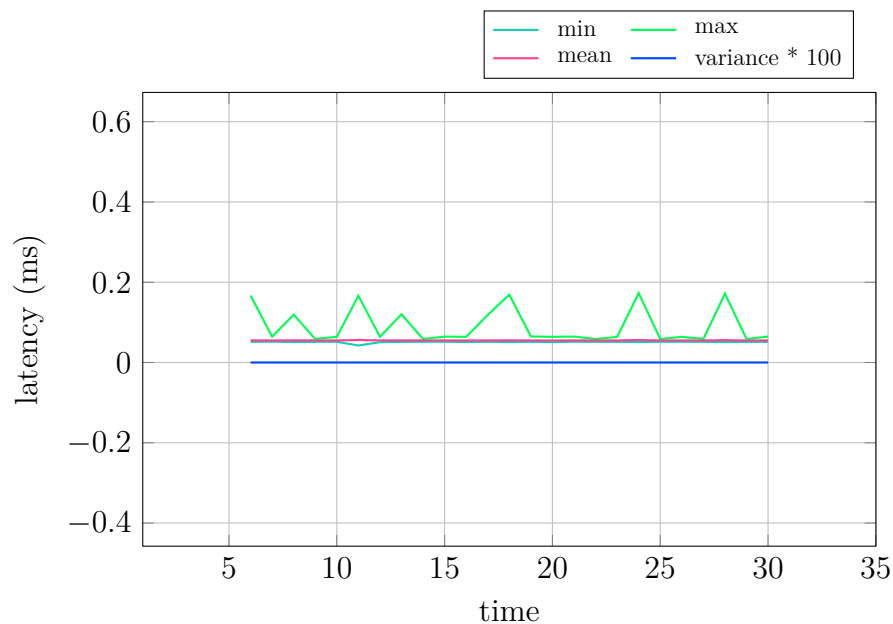
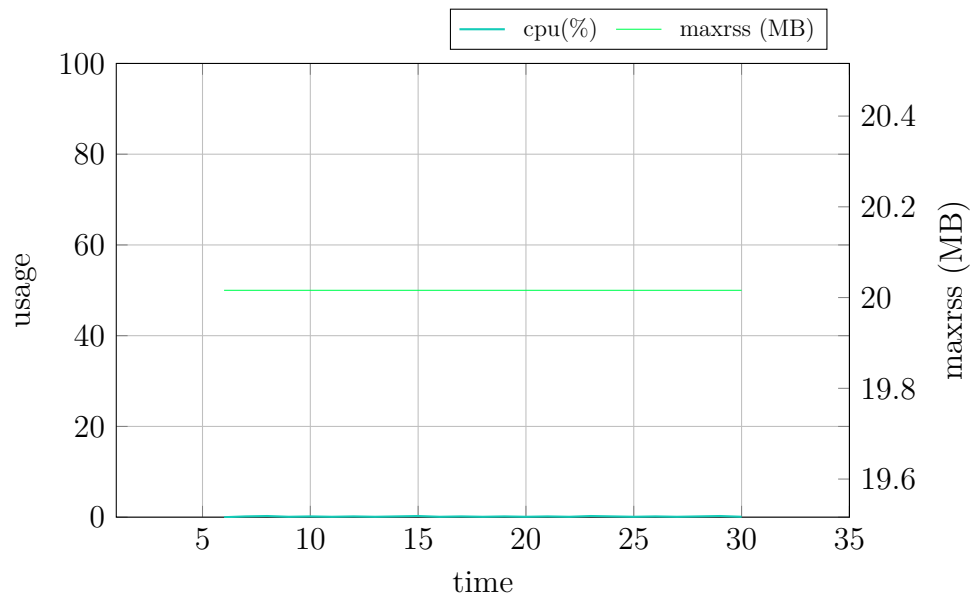


# Performance cyclonedds

Logfile name	71a89bf1-92de-41fc-aa5b-857796c96eb2.csv
Experiment id	8c021076-f7b5-4b52-90cb-8e12ead2892d
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man gettrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	100
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	1.0001
received	297.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	4919377.8
latency_min (ms)	0.051
latency_max (ms)	0.0905
latency_mean (ms)	0.0551
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8966
pub_loop_res_max (ms)	9.9247
pub_loop_res_mean (ms)	9.8986
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 (%)	0.1395
max_ram_usage (MB)	20.02

## 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