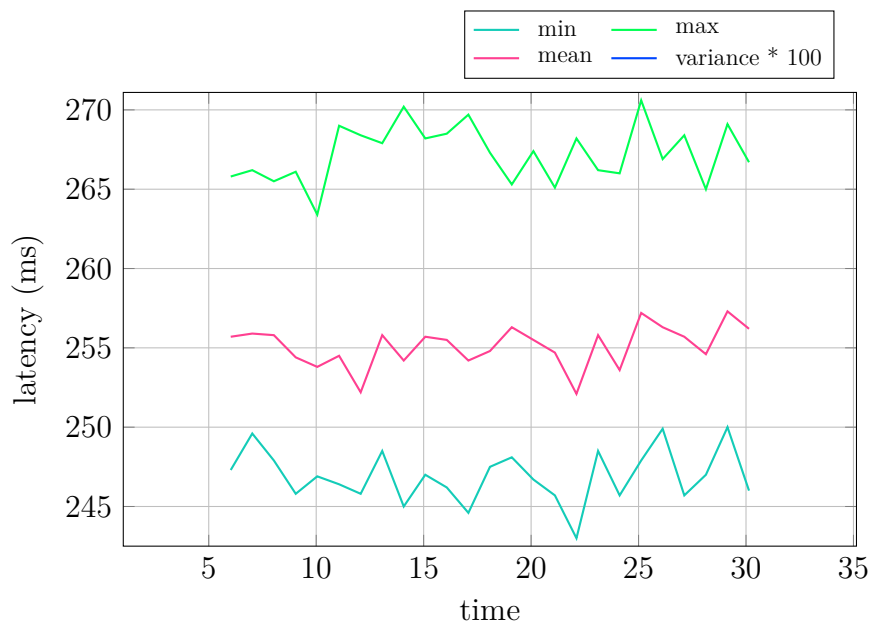
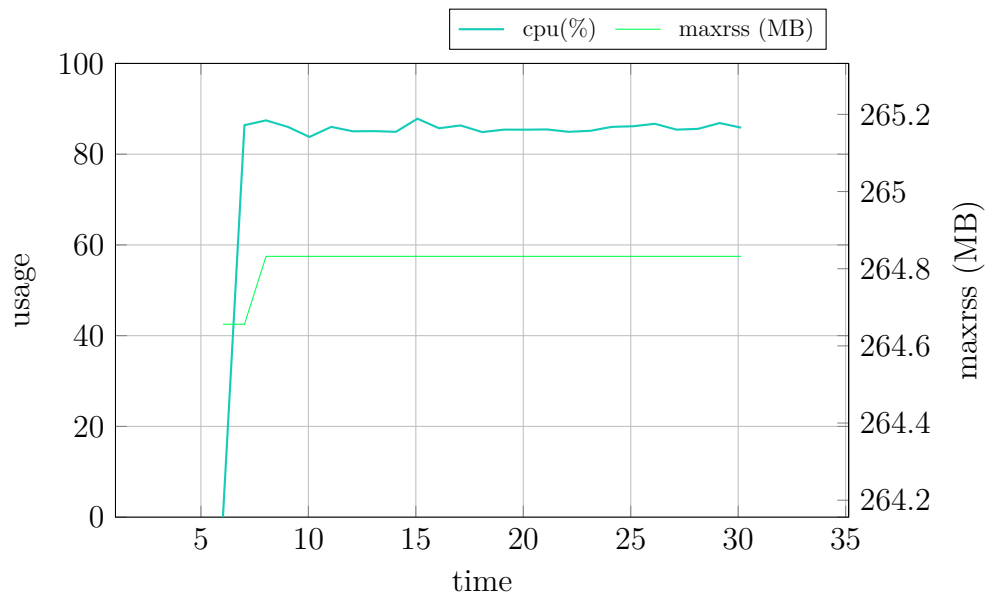


# Performance cyclonedds

Logfile name	21cd6fd8-b3ff-4738-b6e9-cd895f88096b.csv
Experiment id	db0fe7eb-d420-4c12-aa26-51b3248854d2
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	500
Topic name	Array2m
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	1.0046
received	3702.64
sent	392.08
lost	208.84
relative_loss	0.5332
data_received	7773675902.68
latency_min (ms)	246.908
latency_max (ms)	267.244
latency_mean (ms)	255.112
latency_variance (ms)	0.0185
pub_loop_res_min (ms)	-3736.4
pub_loop_res_max (ms)	-3520.876
pub_loop_res_mean (ms)	-3626.08
pub_loop_res_variance (ms)	3.9113
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 (%)	82.3348
max_ram_usage (MB)	264.83

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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