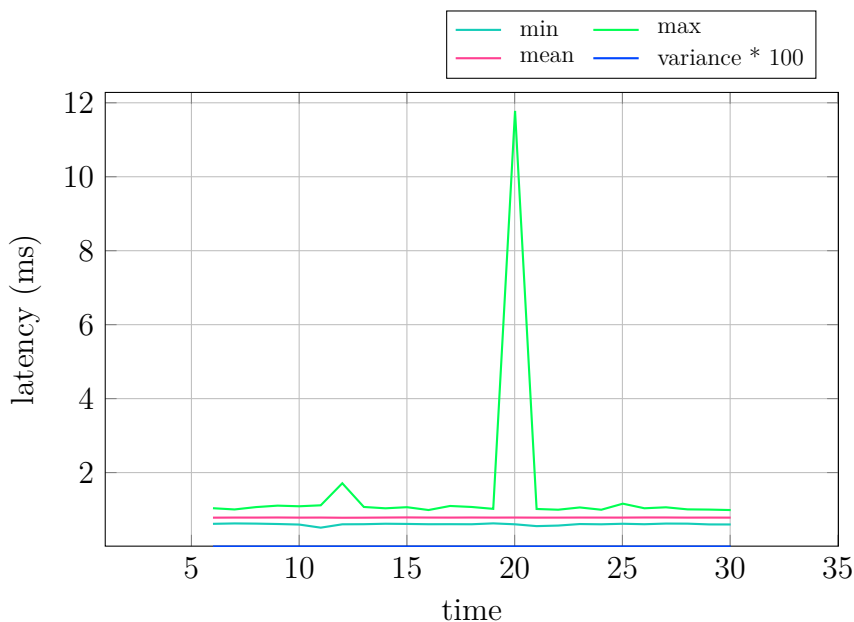
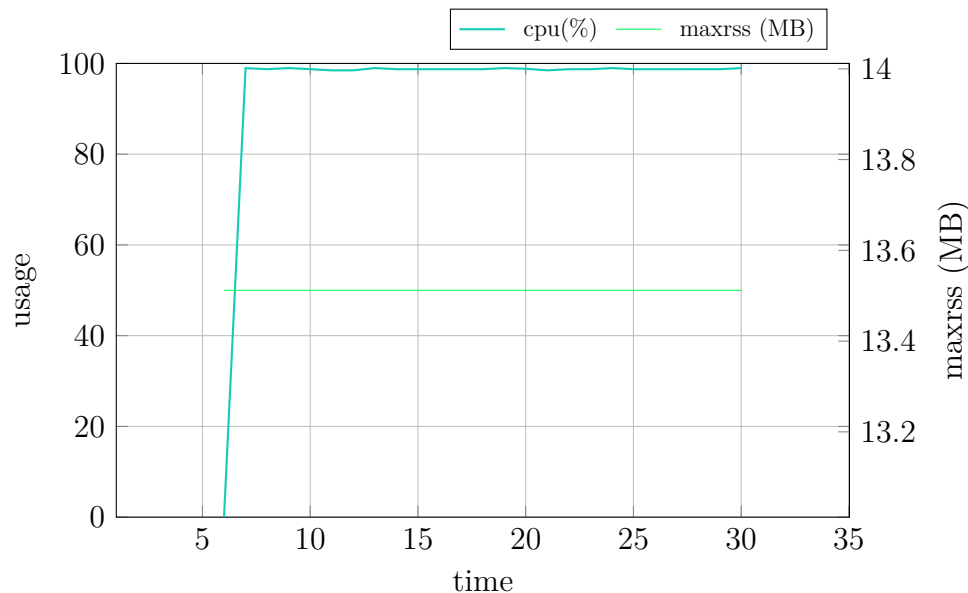


# Performance cyclonedds

Logfile name	254443f7-69bd-4835-be35-4fca81f00e2d.csv
Experiment id	fae0ea9a-8cf2-4ccd-a8f9-a6224e186855
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	Struct16
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	1.0005
received	86377.92
sent	128754.04
lost	299883.68
relative_loss	2.3296
data_received	2764145.16
latency_min (ms)	0.6011
latency_max (ms)	1.5023
latency_mean (ms)	0.7832
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18027.64
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
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 (%)	94.8144
max_ram_usage (MB)	13.51

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct16
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