Performance cyclonedds
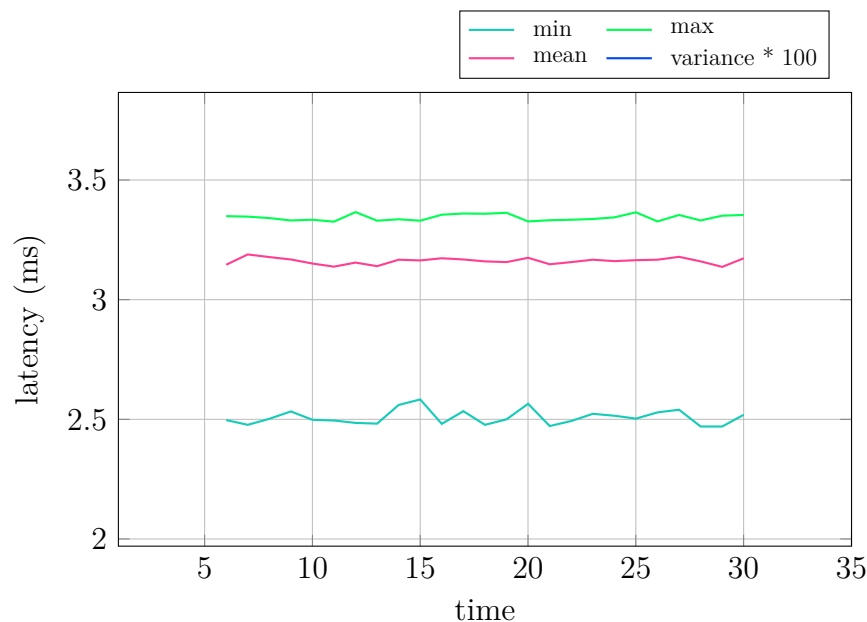
Latencies
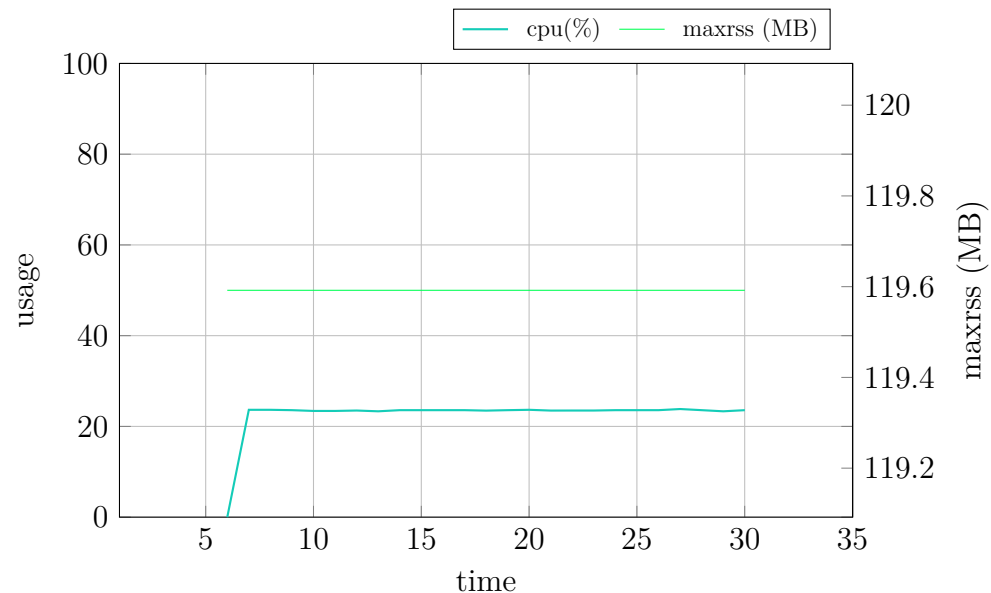
Resource usage (man getrusage)

test setup	
Performance Test Version	2113db4
Publishing rate	100
Topic name	PointCloud4m
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	990.4
sent	99.04
lost	0.0
relative_loss	0.0
data_received	4197258914.64
latency_min (ms)	2.5081
latency_max (ms)	3.3433
latency_mean (ms)	3.1617
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	9.4191
pub_loop_res_max (ms)	9.5148
pub_loop_res_mean (ms)	9.4865
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 (%)	22.6051
max_ram_usage (MB)	119.59

environment	
Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
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