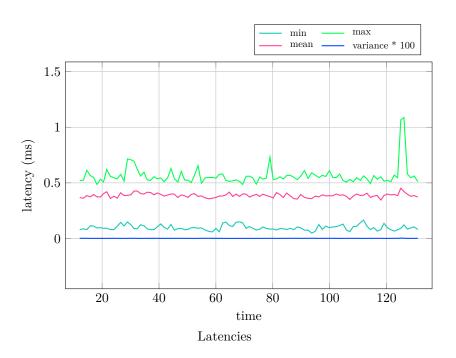
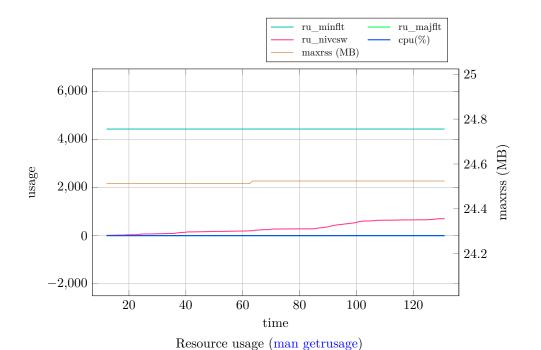
## Performance

 Logfile name
 log\_test\_topic\_28-11-2020\_10-32-17

 Experiment id
 ef9cc44e-ab77-414c-9f19-00a0cf9881f8

 Communication mean
 ROS2





## test setup average results environment

Performance Test Version	80ff298
Publishing rate	10
Topic name	test_topic
Number of publishers	1
Number of subscribers	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

T_loop         1.2019           received         47.45           sent         9.49           lost         0.0           relative_loss         0.0           data_received         3077413.34           latency_min (ms)         0.0974           latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_mean (ms)         99.7379           pub_loop_res_wariance (ms)         99.7379           pub_loop_res_wariance (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_wariance (ms)         0.0           cou usage (%)         2.2942	Experiment Status	success
sent         9.49           lost         0.0           relative_loss         0.0           data_received         3077413.34           latency_min (ms)         0.0974           latency_max (ms)         0.5638           latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_wariance (ms)         0.0           sub_loop_res_variance (ms)         0.0	T loop	1.2019
lost         0.0           relative_loss         0.0           data_received         3077413.34           latency_min (ms)         0.0974           latency_max (ms)         0.5638           latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           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           sub_loop_res_variance (ms)         0.0	received	47.45
relative_loss         0.0           data_received         3077413.34           latency_min (ms)         0.0974           latency_max (ms)         0.5638           latency_mean (ms)         0.3869           latency_variance (ms)         90.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0           sub_loop_res_variance (ms)         0.0	sent	9.49
data_received         3077413.34           latency_min (ms)         0.0974           latency_max (ms)         0.5638           latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           pub_loop_res_variance (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0	lost	0.0
latency_min (ms)         0.0974           latency_max (ms)         0.5638           latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           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	relative_loss	0.0
latency_max (ms)         0.5638           latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           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	data_received	3077413.34
latency_mean (ms)         0.3869           latency_variance (ms)         0.0           pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_wariance (ms)         0.0           sub_loop_res_variance (ms)         0.0	latency_min (ms)	0.0974
latency_variance (ms)       0.0         pub_loop_res_min (ms)       99.5971         pub_loop_res_max (ms)       99.8893         pub_loop_res_mean (ms)       99.7379         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	latency_max (ms)	0.5638
pub_loop_res_min (ms)         99.5971           pub_loop_res_max (ms)         99.8893           pub_loop_res_mean (ms)         99.7379           pub_loop_res_variance (ms)         0.0           sub_loop_res_min (ms)         0.0           sub_loop_res_max (ms)         0.0           sub_loop_res_wariance (ms)         0.0           sub_loop_res_variance (ms)         0.0	latency_mean (ms)	0.3869
pub_loop_res_max (ms)       99.8893         pub_loop_res_mean (ms)       99.7379         pub_loop_res_variance (ms)       0.0         sub_loop_res_max (ms)       0.0         sub_loop_res_mean (ms)       0.0         sub_loop_res_variance (ms)       0.0	latency_variance (ms)	0.0
pub_loop_res_mean (ms)       99.7379         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	pub_loop_res_min (ms)	99.5971
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	pub_loop_res_max (ms)	99.8893
Sub_loop_res_man (ms)	pub_loop_res_mean (ms)	99.7379
sub_loop_res_max (ms)         0.0           sub_loop_res_mean (ms)         0.0           sub_loop_res_variance (ms)         0.0	pub_loop_res_variance (ms)	0.0
sub_loop_res_mean (ms)0.0sub_loop_res_variance (ms)0.0	sub_loop_res_min (ms)	0.0
sub_loop_res_variance (ms) 0.0	sub_loop_res_max (ms)	0.0
	sub_loop_res_mean (ms)	0.0
cpu usage (%) 2.2942	sub_loop_res_variance (ms)	0.0
· r · · · · · · · · · · · · · · · · · ·	cpu_usage (%)	2.2942

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0