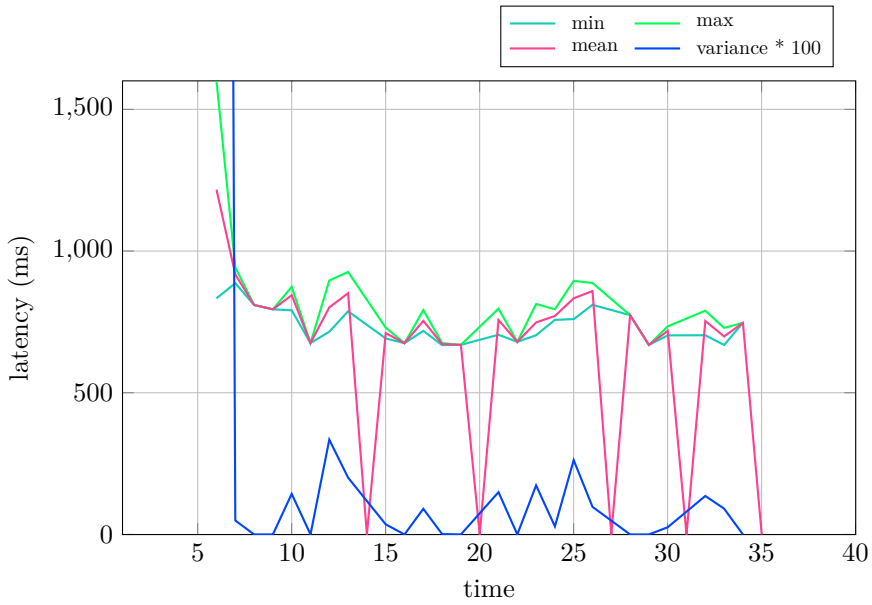
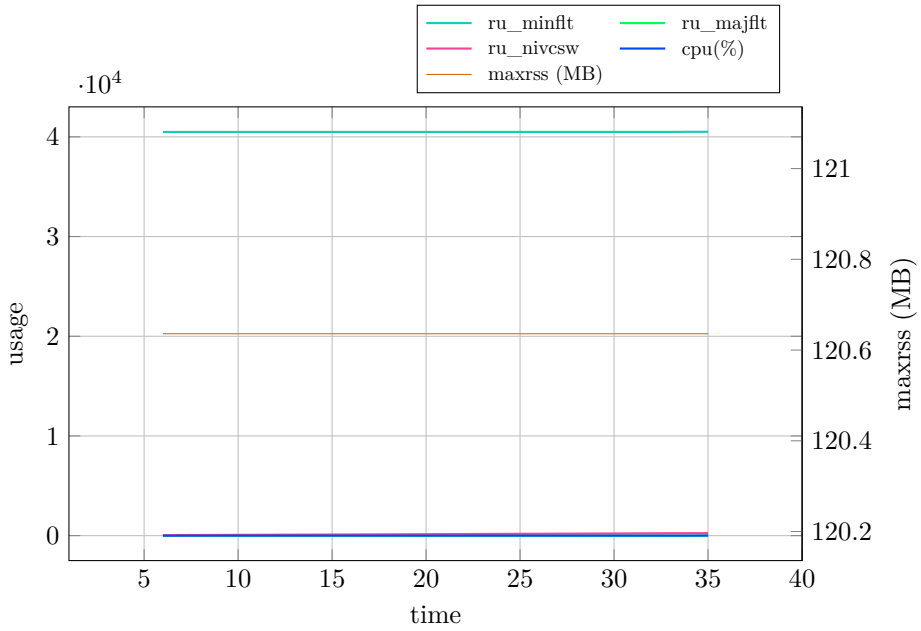
Performance

Logfile name	logs/interhost_main_PointCloud4m_500.csv
Experiment id	be445bae-a0de-4172-bfd9-716b5ae3e60b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2
Publishing rate	500
Topic name	PointCloud4m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	35
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	1.4667
sent	116.9667
lost	0.0
relative_loss	0.0
data_received	9650669.2333
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	646.5967
latency_variance (ms)	6.6028
pub_loop_res_min (ms)	-19395.1667
pub_loop_res_max (ms)	-18424.1667
pub_loop_res_mean (ms)	-18916.2333
pub_loop_res_variance (ms)	107.8547
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 (%)	4.0701

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
QOS Durability	VOLATILE
QOS History depth	16
QOS History kind	KEEP_LAST
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	MAIN
With security	0
Zero copy transfer	0