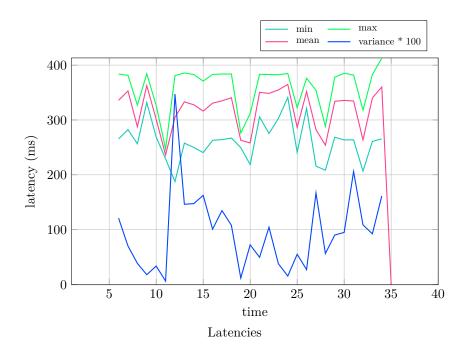
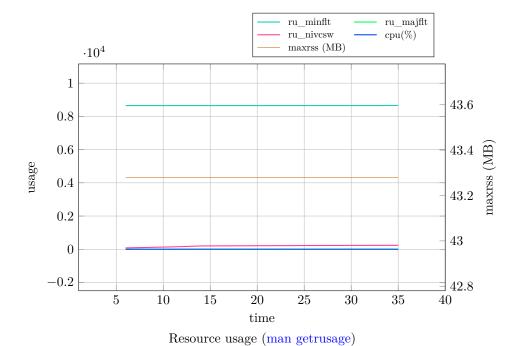
Performance

Logfile name logs/interhost_main_PointCloud1m_100.csv
Experiment id 7322fc9d-82a5-4e47-b796-82f01ef07ba0
Communication mean RCLCPP_SINGLE_THREADED_EXECUTOR





test setup average results environment

Performance Test Version	2 fc 8 cc 2
Publishing rate	100
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	35
DDS domain id	0
Single participant	-

Experiment status success T_loop 1.0001 received 16.9667 sent 99.0 lost 64.7 relative_loss 0.6533 data_received 18845344.6667 latency_min (ms) inf latency_mean (ms) 308.2167 latency_wariance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.3753 pub_loop_res_variance (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_variance (ms) 0.0 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 3.841	E-manimum Ctatus	
received 16.9667 sent 99.0 lost 64.7 relative_loss 0.6533 data_received 18845344.6667 latency_min (ms) inf latency_max (ms) -inf latency_mean (ms) 308.2167 latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_max (ms) 8.3753 pub_loop_res_variance (ms) 0.0 sub_loop_res_max (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_mean (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	Experiment Status	success
sent 99.0 lost 64.7 relative_loss 0.6533 data_received 18845344.6667 latency_min (ms) inf latency_max (ms) -inf latency_wariance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 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 sub_loop_res_variance (ms) 0.0	T_loop	1.0001
lost 64.7 relative_loss 0.6533 data_received 18845344.6667 latency_min (ms) inf latency_max (ms) -inf latency_mean (ms) 308.2167 latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_variance (ms) 0.0 sub_loop_res_variance (ms) 0.0	received	16.9667
relative_loss	sent	99.0
data_received 18845344.6667 latency_min (ms) inf latency_max (ms) -inf latency_mean (ms) 308.2167 latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 pub_loop_res_wariance (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	lost	64.7
latency_min (ms) inf latency_max (ms) -inf latency_mean (ms) 308.2167 latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 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	0.6533
latency_max (ms) -inf latency_mean (ms) 308.2167 latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 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	18845344.6667
latency_mean (ms) 308.2167 latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 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	latency_min (ms)	inf
latency_variance (ms) 0.9606 pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	latency_max (ms)	-inf
pub_loop_res_min (ms) 8.1874 pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 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_mean (ms)	308.2167
pub_loop_res_max (ms) 8.5082 pub_loop_res_mean (ms) 8.3753 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_variance (ms)	0.9606
pub_loop_res_mean (ms) 8.3753 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)	8.1874
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)	8.5082
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_mean (ms)	8.3753
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 (%) 3.841	sub_loop_res_variance (ms)	0.0
	cpu_usage (%)	3.841

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud1m
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