
General Simulation Information

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Num Servers Per TOR:      4      Num Sender Hosts:      28      Load Factor:           %0.1785714
Num TORs:                 8      Num Receiver Hosts:    1      Start Time:            0s
Server Link Speed:       10Gb/s  Workload Type:         TEST_DIST  Stop Time:             19.5s
Fabric Link Speed:       40Gb/s  InterArrival Dist:     exponential Warmup Time:          0ms
Fabric Link Delay        0.25us  hostNicThinkTime:     0.5us
Edge Link Delay          0.5us
    
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Traffic Characteristic (Rates, Bytes, and DutyCycle)

Measurement Point	AvgRate (Gb/s)	CumRate (Gb/s)	MinRate (Gb/s)	MaxRate (Gb/s)	CumBytes (MB)	Avg Duty Cycle(%)	Min Duty Cycle(%)	Max Duty Cycle(%)
SX Apps Send:	0.02	0.50	0.02	0.02	1213.78			
SX NICs Send:	0.02	0.52	0.02	0.02	1255.64	0.19	0.17	0.21
All NICs Send:	0.02	0.54	0.00	0.02	1309.87	0.17	0.00	0.25
TORs Down Recv:	0.02	0.54	0.00	0.02	1309.87	0.17	0.00	0.25
TORs Up Send:	0.07	0.54	0.02	0.07	1309.87	0.17	0.06	0.19
TORs Up Recv:	0.07	0.54	0.00	0.52	1309.87	0.17	0.01	1.30
TORs Down Send:	0.02	0.54	0.00	0.52	1309.87	0.17	0.00	5.18
ALL NICs Recv:	0.02	0.54	0.00	0.52	1309.87	0.17	0.00	5.18
RX NICs Recv:	0.52	0.52	0.52	0.52	1255.64	5.18	5.18	5.18
RX Apps Recv:	0.50	0.50	0.50	0.50	1213.78			

Queue Length (Stats Collected At Pkt Arrivals)

Queue Location	Mean (Pkts)	StdDev (Pkts)	Mean (KB)	StdDev (KB)	Empty %	OnePkt %	Min (Pkts)	Min (KB)	Max (Pkts)	Max (KB)
SX Transports	0.00	0.05	0.14	3.29	nan	nan	0.00	0.00	1.00	333.18
SX NICs	1.00	0.01	1.41	0.38	0.00	100.00	0.00	0.00	1.00	1.52
All NICs	1.00	0.00	0.75	0.19	0.00	100.00	0.00	0.00	1.00	1.52
SX TORs Up	1.00	0.00	1.41	0.38	0.00	100.00	0.00	0.00	1.00	1.52
All TORs Up	1.00	0.00	0.75	0.19	0.00	100.00	0.00	0.00	1.00	1.52
RX TORs Down	1.00	0.04	1.41	0.38	0.00	99.82	0.00	0.00	3.00	3.18
All TORs Down	1.00	0.03	0.75	0.19	0.00	99.90	0.00	0.00	3.00	3.18

Queue Wait Time Stats

Packet Type: Request

Queue Location	mean (us)	mean (%)	stddev (us)	min (us)	median (us)	75%ile (us)	99%ile (us)	max (us)	count
Host NICs:	0.00	2.57	0.03	0.00	0.00	0.00	0.00	1.21	45070
TORs upward NICs:	0.00	1.40	0.01	0.00	0.00	0.00	0.00	0.30	45070
Aggr Switch NICs:	0.00	5.63	0.03	0.00	0.00	0.00	0.14	0.30	45070
TORs downward NICs:	0.05	90.40	0.22	0.00	0.00	0.00	1.16	1.47	45070
Total:	0.06	100.00							

Packet Type: Grant

Queue Location	mean (us)	mean (%)	stddev (us)	min (us)	median (us)	75%ile (us)	99%ile (us)	max (us)	count
Host NICs:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	847255
TORs upward NICs:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	847255
Aggr Switch NICs:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	847255
TORs downward NICs:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	847255
Total:	0.00	0.00							

Packet Type: Data

Queue Location	mean (us)	mean (%)	stddev (us)	min (us)	median (us)	75%ile (us)	99%ile (us)	max (us)	count
Host NICs:	0.00	4.00	0.01	0.00	0.00	0.00	0.00	0.52	847255
TORs upward NICs:	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.17	847255
Aggr Switch NICs:	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.27	847255
TORs downward NICs:	0.01	95.37	0.05	0.00	0.00	0.00	0.19	1.44	847255
Total	0.02	100.00							

packet Type: All Pkts

