

## Test General Information

Test Name	ConsoleRouter Performance	Configuration File Name	vpp_perf_test_1.ixncfg
Test Category	Custom test	Tester Name	IxNetwork/DESKTOP-N9E6L1S/consolerouter
Collect Time	10/07/2016 21:26:19	Client Machine Name	DESKTOP-N9E6L1S
Report Generation Time	10/07/2016 21:27:55	Client Machine Address	10.215.215.104 169.254.200.238 fe80::5c52:a4cc:47ae:ce8a%15 fe80::8c70:7dbd:81f1:c8ee%8

## Executive Summary

Test Objectives	
Test Highlights	VPP

## Test Setup Summary

### Test Equipment Configuration

IxNetwork Version	8.10.1046.6
IxNetwork Release	IxNetwork 8.10 EA
IxOS Version	8.10.1250.8 ea-patch1

### DUT/SUT Configuration

DUT Name	ConsoleRouter
DUT Hardware Version	
DUT Software Version	

## Dashboard Test Summary

### Ports Summary

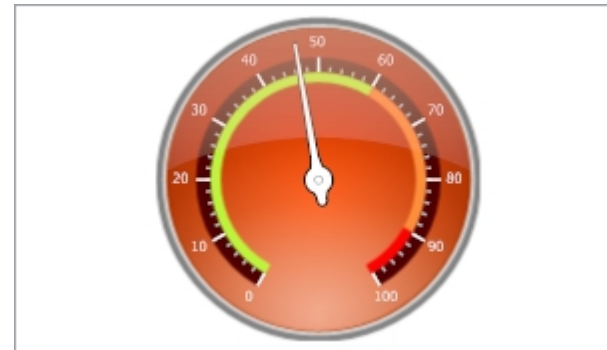
Link Type	Port Count	Link Speed (Mbps)	Port Count	Link Status	Port Count
10GE LAN	8	10,000	8	up	8

### Traffic Summary

#### Throughput



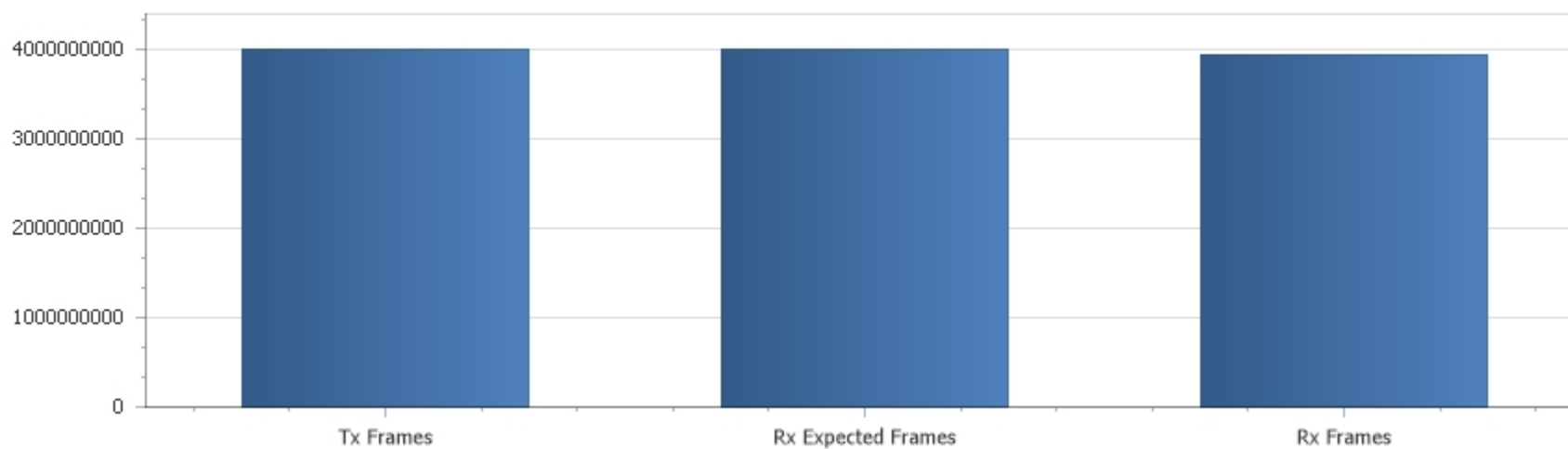
Tx Rate (Mbps)	Aggregate Negotiated Speed (Mbps)
37,863	80,000



Aggregate Rx Rate (Mbps)	Aggregate Negotiated Speed (Mbps)
37,369	80,000

## Loss

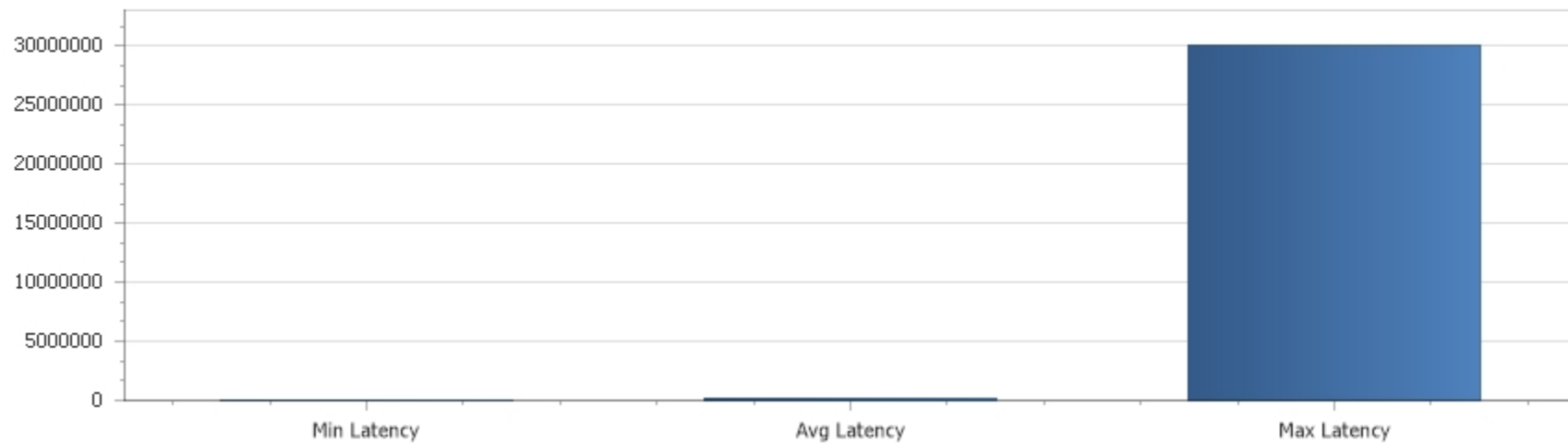
## TX/RX Frames



Tx Frames	Rx Expected Frames	Rx Frames	Loss %
4,005,514,499	4,005,514,499	3,953,445,650	1.3

## Latency

Min/Ave/Max Latency (ns)



Min Latency	Avg Latency	Max Latency
5,377	138,461	30,026,295



## Flow Summary

Flow Count	Flow Group Count
0	4

## Traffic Item Summary

Traffic Item	Enabled	State	Transmit Mode	Bi-Directional	Traffic Type	Traffic Item Type	Track By
Traffic Item 1	True	stopped	interleaved	True	ipv4	I2L3	trackingenabled0

### Traffic Item Aggregate Statistics

Name	Tx Frames	Rx Frames	Rx Expected Frames	Frames Delta	Loss %	Tx Frame Rate	Rx Frame Rate
Traffic Item 1	4,005,514,499	3,953,445,650	4,005,514,499	52,068,849	1.3	13,080,406.579	12,910,370.566

Name	Tx Rate (Bps)	Rx Rate (Bps)	Rx Bytes	Last Sequence Number	First TimeStamp	Last TimeStamp	Min Latency
Traffic Item 1	4,732,927,113.777	4,671,427,758.971	1,430,496,178,138		00:00:01.356888792	00:05:07.579365505	5,377

Name	Avg Latency	Max Latency	Min Delay Variation	Avg Delay Variation	Max Delay Variation	Reverse Error	Big Error
Traffic Item 1	138,461	30,026,295					

Name	Small Error	Reverse/Duplicate Frames	Sequence Gaps	Total Sequence Errors	Packet Loss Duration (ms)	PRBS Bits Received	PRBS Errored Bits
Traffic Item 1							

Name	PRBS Errored Bits Ratio	IPv4 Checksum Errors	UDP Checksum Errors	TCP Checksum Errors	Duplicate Packets	Late Packets	Reordered Packets
Traffic Item 1							

Name	Lost Packets	InOrder Packets	Tx Rate (bps)	Rx Rate (bps)	Tx Rate (Kbps)	Rx Rate (Kbps)	Tx Rate (Mbps)
Traffic Item 1			37,863,416,910.219	37,371,422,071.769	37,863,416.91	37,371,422.072	37,863.417

Name	Rx Rate (Mbps)	Misdirected Frames	Misdirected Frame Rate
Traffic Item 1	37,371.422		



## NGPF Dashboard Test Summary

### Port Summary

Port	Sessions Up	Sessions Down	Sessions Not Started	Sessions Total
10GE LAN - 001	0	0	1	1
10GE LAN - 002	0	0	1	1
10GE LAN - 003	0	0	1	1
10GE LAN - 004	0	0	1	1

### Protocols Summary

Protocol Type	Sessions Up	Sessions Down	Sessions Not Started	Sessions Total	Average Setup Rate	Average Teardown Rate
IPv4	0	0	4	4		