

RFC 2544 - THROUGHPUT Test

Customer name: XENA
 Customer service bandwidth (Mbps): 100.0
 Service ID: 2048
 Access ID: 10



Test duration (sec): 1.0
 Number of pairs: 2
 Number of trials: 2
 Date: 20-Oct-2010
 Time: 8:37 PM

Maximum port-pair throughput with no loss

Frame size	64	128	256	512
Maximum physical port speed (Mbps)	10000	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a	n/a
10000 Mbps maximum Rate (fps)	14880952	8445946	4528986	2349624
Passed rate (%)	100.0	100.0	100.0	100.0
Acceptable loss percent	0.00	0.00	0.00	0.00
<0-to-1> (fps)	14880952	8445945	4528985	2349624
<1-to-0> (fps)	14880952	8445945	4528985	2349624
<0-to-1> (%)	100.00	100.00	100.00	100.00
<1-to-0> (%)	100.00	100.00	100.00	100.00
<0-to-1> (Mbps)	10000.0	10000.0	10000.0	10000.0
<1-to-0> (Mbps)	10000.0	10000.0	10000.0	10000.0

Throughput SUMMARY: Total Port-Pairs

Frame size	64	128	256	512
Passed rate (fps)	29761904	16891890	9057970	4699248
Passed rate (%)	200.00	200.00	200.00	200.00
Passed rate (Mbps)	20000.0	20000.0	20000.0	20000.0

Frame size	1024	1280	1518
Maximum physical port speed (Mbps)	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a
10000 Mbps maximum Rate (fps)	1197318	961538	812744
Passed rate (%)	100.0	100.0	100.0
Acceptable loss percent	0.00	0.00	0.00
<0-to-1> (fps)	1197318	961538	812743
<1-to-0> (fps)	1197318	961538	812743
<0-to-1> (%)	100.00	100.00	100.00
<1-to-0> (%)	100.00	100.00	100.00

<0-to-1> (Mbps)	10000.0	10000.0	10000.0
<1-to-0> (Mbps)	10000.0	10000.0	10000.0

Throughput SUMMARY: Total Port-Pairs

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Frame size	1024	1280	1518
Passed rate (fps)	2394636	1923076	1625486
Passed rate (%)	200.00	200.00	200.00
Passed rate (Mbps)	20000.0	20000.0	20000.0

RFC 2544 - LOSS Test

Customer name: XENA
 Customer service bandwidth (Mbps): 100.0
 Service ID: 2048
 Access ID: 10

Test duration (sec): 1.0
 Number of pairs: 2
 Number of trials: 2
 Date: 20-Oct-2010
 Time: 8:48 PM

Port-Pair Packet Loss as a Percentage of total

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Frame size	64	128	256	512
Maximum physical port speed (Mbps)	10000	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a	n/a
Max attempted rate (%)	100.00	100.00	100.00	100.00
Max attempted rate (fps)	14880952	8445946	4528986	2349624
Max attempted rate (Mbps)	10000.0	10000.0	10000.0	10000.0

<0-to-1> (loss %)	0.00	0.00	0.00	0.00
<1-to-0> (loss %)	0.00	0.00	0.00	0.00

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Frame size	1024	1280	1518
Maximum physical port speed (Mbps)	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a
Max attempted rate (%)	100.00	100.00	100.00
Max attempted rate (fps)	1197318	961538	812744
Max attempted rate (Mbps)	10000.0	10000.0	10000.0

<0-to-1> (loss %)	0.00	0.00	0.00
<1-to-0> (loss %)	0.00	0.00	0.00

RFC 2544 - LATENCY Test

Customer name: XENA
 Customer service bandwidth (Mbps): 100.0
 Service ID: 2048
 Access ID: 10

Test duration (sec): 1.0
 Number of pairs: 2
 Number of trials: 2
 Date: 20-Oct-2010
 Time: 8:52 PM

(Cut-Through / Last-to-Last) Port-Pair Latency in microseconds (us)

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Frame size	64	128	256	512
Maximum physical port speed (Mbps)	10000	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a	n/a
Load rate (%)	99.90	99.90	99.90	99.90
Load rate (fps)	14866071	8437500	4524457	2347274
Load rate (Mbps)	9990.0	9990.0	9990.0	9990.0

<0-to-1> (micro sec)	0.84	0.84	0.84	0.84
<1-to-0> (micro sec)	0.87	0.87	0.87	0.87

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Frame size	1024	1280	1518
Maximum physical port speed (Mbps)	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a
Load rate (%)	99.90	99.90	99.90
Load rate (fps)	1196121	960577	811931
Load rate (Mbps)	9990.0	9990.0	9990.0

<0-to-1> (micro sec)	0.84	0.84	0.85
<1-to-0> (micro sec)	0.87	0.87	0.87

(Store-and-Forward / First-to-Last) Port-Pair Latency in microseconds (us)

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Frame size	64	128	256	512
Maximum physical port speed (Mbps)	10000	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a	n/a
Load rate (%)	99.90	99.90	99.90	99.90
Load rate (fps)	14866071	8437500	4524457	2347274
Load rate (Mbps)	9990.0	9990.0	9990.0	9990.0

<0-to-1> (micro sec)	0.89	0.94	1.04	1.25
<1-to-0> (micro sec)	0.92	0.97	1.07	1.28

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Frame size	1024	1280	1518
Maximum physical port speed (Mbps)	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a
Load rate (%)	99.90	99.90	99.90
Load rate (fps)	1196121	960577	811931
Load rate (Mbps)	9990.0	9990.0	9990.0

<0-to-1> (micro sec)	1.66	1.86	2.06
<1-to-0> (micro sec)	1.69	1.89	2.09

RFC 2544 - BACKTOBACK Test

Customer name: XENA
 Customer service bandwidth (Mbps): 100.0
 Service ID: 2048
 Access ID: 10

Test duration (sec): 1.0
 Number of pairs: 2
 Number of trials: 2
 Date: 20-Oct-2010
 Time: 9:03 PM

Port-Pair Back-to-back

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Frame size	64	128	256	512
Maximum physical port speed (Mbps)	10000	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a	n/a
10000 Mbps offered (fps)	14880952	8445946	4528986	2349624
Burst seconds	1.00	1.00	1.00	1.00
Max offered rate (%)	100.00	100.00	100.00	100.00
Max offered rate (fps)	14880952	8445946	4528986	2349624
Max offered rate (Mbps)	10000.0	10000.0	10000.0	10000.0

<0-to-1> (burst size)	14880952	8445945	4528985	2349624
<1-to-0> (burst size)	14880952	8445945	4528985	2349624

Back-to-back SUMMARY: Total Port-Pairs

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Frame size	64	128	256	512
Frames received	29761904	16891890	9057970	4699248

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Frame size	1024	1280	1518
Maximum physical port speed (Mbps)	10000	10000	10000
Configurable maximum speed (Mbps)	n/a	n/a	n/a
10000 Mbps offered (fps)	1197318	961538	812744
Burst seconds	1.00	1.00	1.00
Max offered rate (%)	100.00	100.00	100.00
Max offered rate (fps)	1197318	961538	812744
Max offered rate (Mbps)	10000.0	10000.0	10000.0

<0-to-1> (burst size)	1197318	961538	812743
<1-to-0> (burst size)	1197318	961538	812743

Back-to-back SUMMARY: Total Port-Pairs

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Frame size	1024	1280	1518
Frames received	2394636	1923076	1625486