

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\1 to 3 (Quad)\1to3TCPQuad.tst

Console version	7.10 SP4
Console build level	207
Console product type	IxChariot Eval
Filename	C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\1 to 3 (Quad)\1to3TCPQuad.tst
Run start time	Monday, August 08, 2011, 7:44:55 PM
Run end time	Monday, August 08, 2011, 7:49:18 PM
Elapsed time	00:04:23
How the test ended	Ran to completion
Number of pairs	4

Run Options

End type	Run until any pair ends
Reporting type	Real-time
Automatically poll endpoints	Yes
Polling interval (minutes)	1
Stop run upon initialization failure	Yes
Connect timeout during test (minutes)	0
Stop test after this many running pairs fail	1
Collect endpoint CPU utilization	No
Collect TCP statistics	No
Allow pair reinitialization for setup	No
Maximum number of setup reinitializations	3
Setup reinitialization wait interval (milliseconds)	10
Allow pair reinitialization at runtime	No
Maximum number of runtime reinitializations	3
Runtime reinitialization wait interval (milliseconds)	10
Validate data upon receipt	No
Use a new seed for random variables on every run	Yes
Enable Ixia hardware timestamps	Yes
Clock synchronization	'Endpoint synchronization'
Console Service Quality	
Endpoint Service Quality	
Number of Overlapped Sends	4

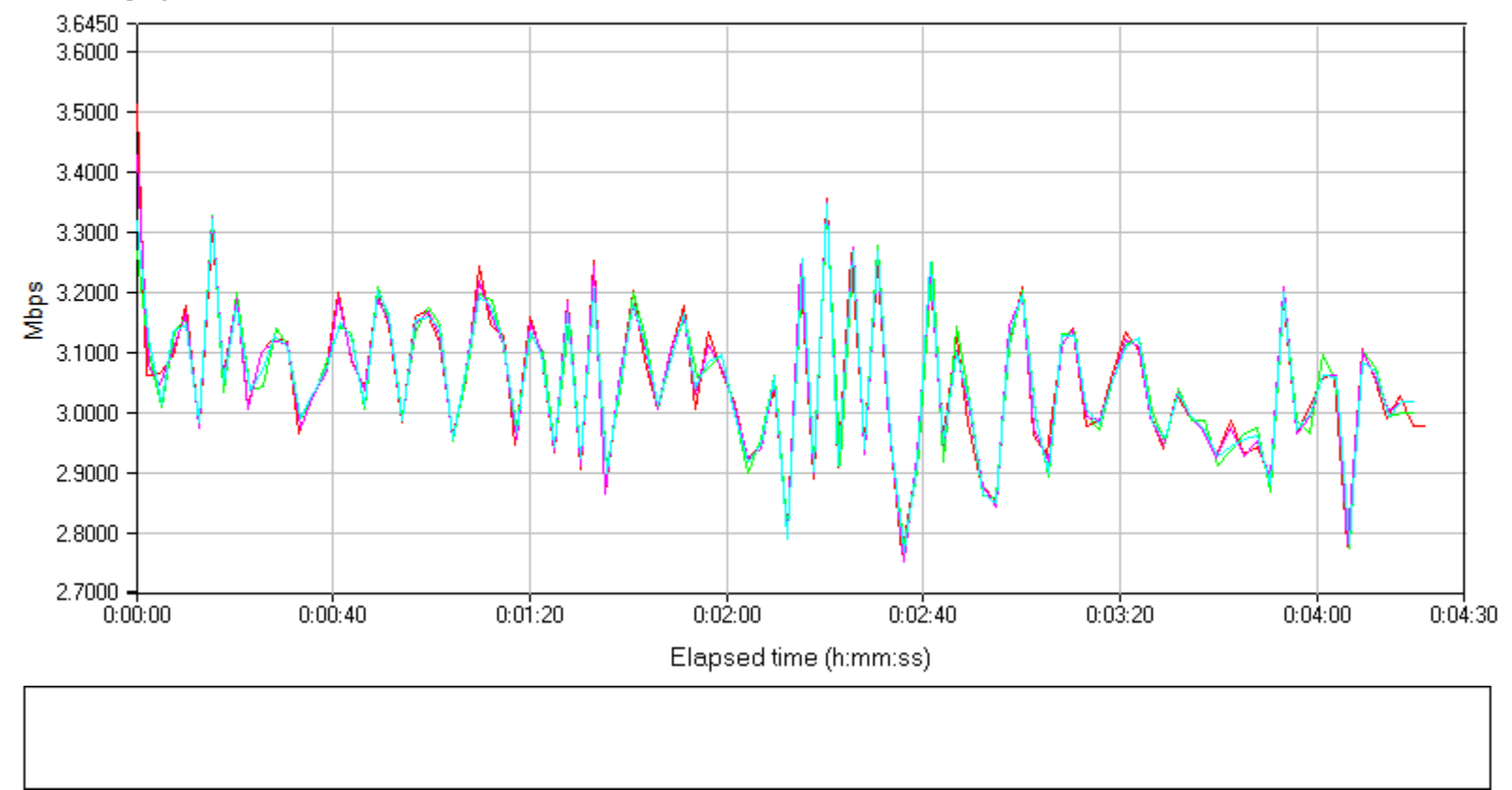
Test Execution (Endpoint 1 to Endpoint 2)

Group/ Pair	Endpoint 1	Endpoint 2	Network Protocol	Endpoint 1 Service Quality	Endpoint 2 Service Quality	Script/Stream Name
All Pairs						
Pair 1	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr
Pair 2	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr
Pair 3	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr
Pair 4	10.0.1.140	10.0.1.141	TCP			Throughput_10x.scr

Throughput

Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	12.106	2.752	3.513			
Pair 1	3.050	2.764	3.513	0.025	262.334	0.811
Pair 2	3.048	2.775	3.333	0.024	259.816	0.781
Pair 3	3.050	2.752	3.429	0.025	259.697	0.808
Pair 4	3.049	2.767	3.346	0.024	259.763	0.778
Totals:	12.106	2.752	3.513			

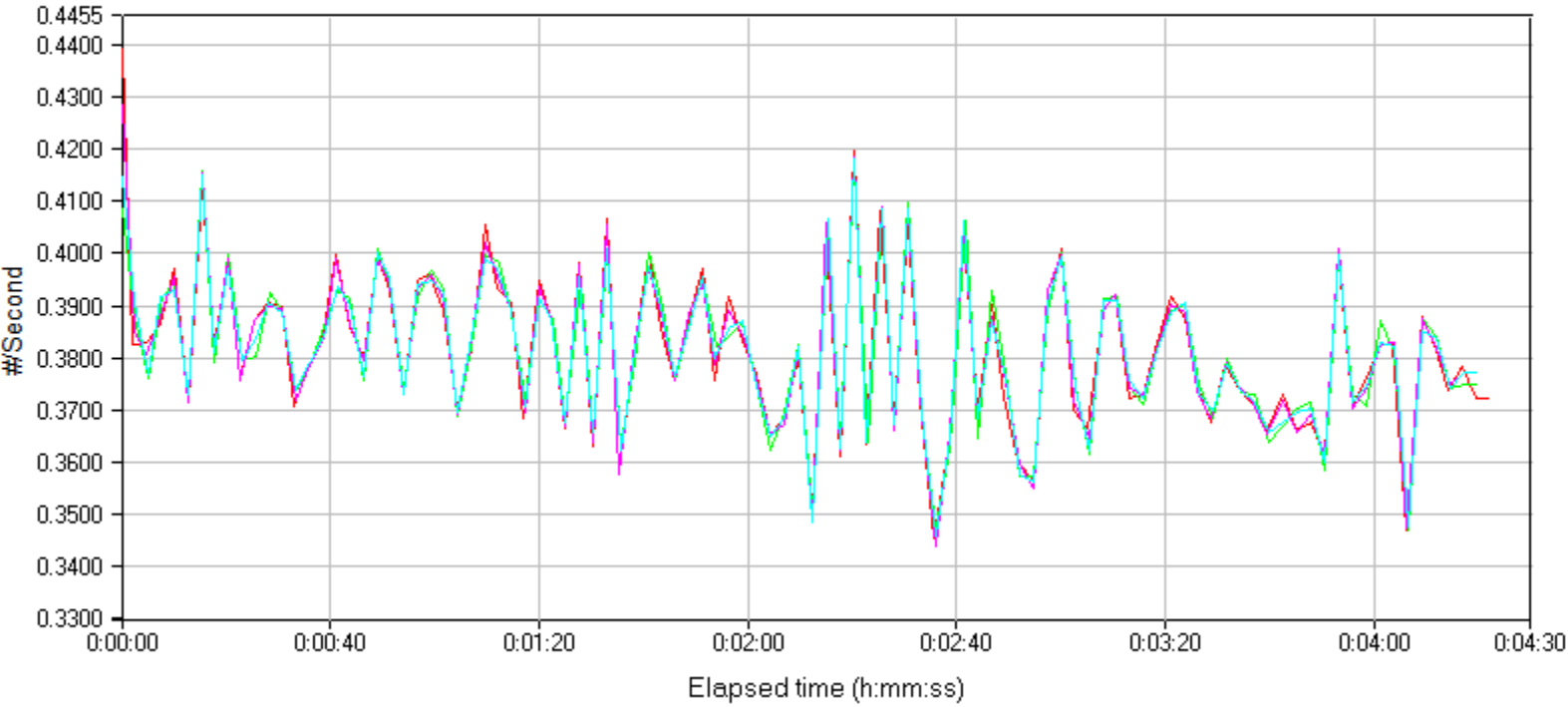
Throughput



Transaction Rate

Group/ Pair	Transaction Rate Average	Transaction Rate Minimum	Transaction Rate Maximum	Transaction Rate 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	1.525	0.344	0.439			
Pair 1	0.381	0.346	0.439	0.003	262.334	0.811
Pair 2	0.381	0.347	0.417	0.003	259.816	0.781
Pair 3	0.381	0.344	0.429	0.003	259.697	0.808
Pair 4	0.381	0.346	0.418	0.003	259.763	0.778
Totals:	1.525	0.344	0.439			

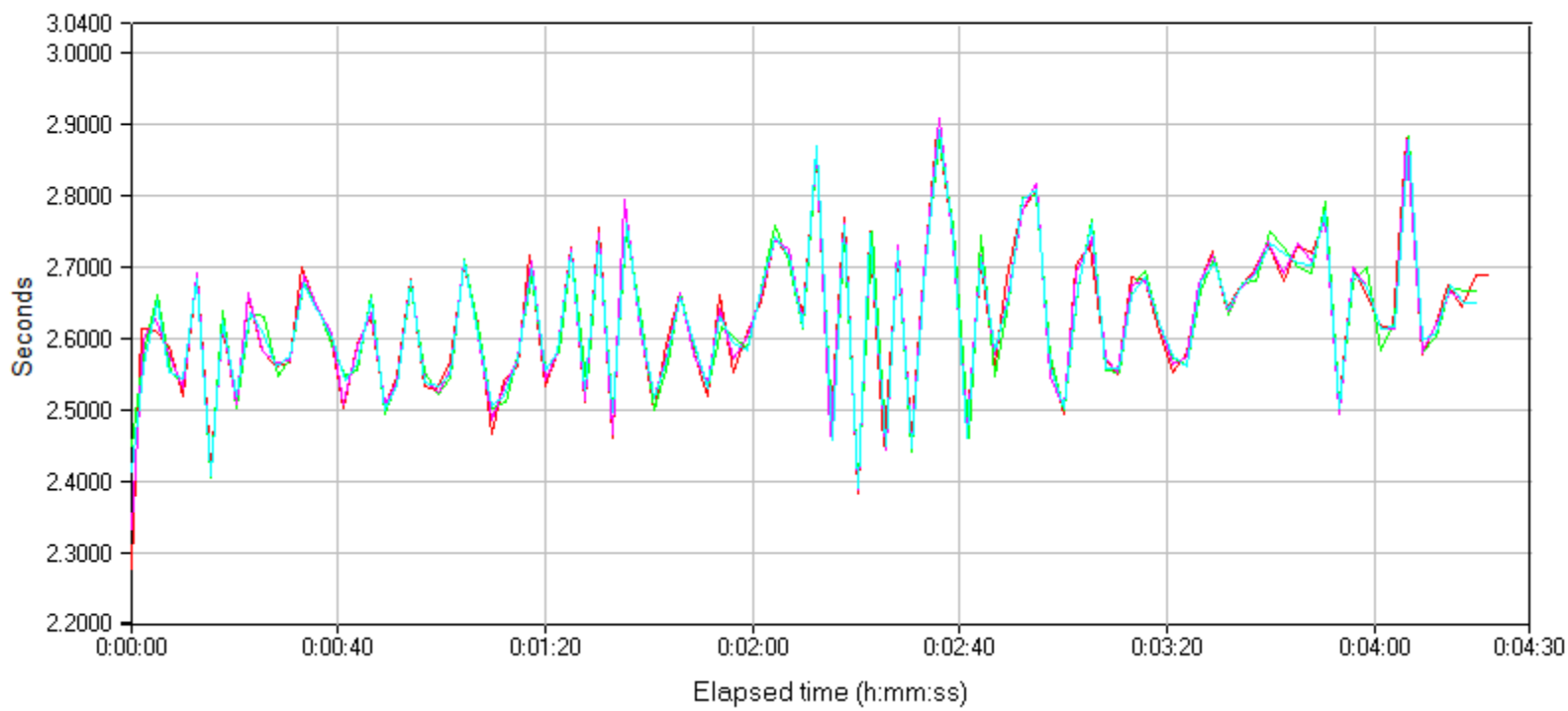
Transaction rate



Response Time

Group/ Pair	Response Time Average	Response Time Minimum	Response Time Maximum	Response Time 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	2.624	2.277	2.907			
Pair 1	2.623	2.277	2.894	0.021	262.334	0.811
Pair 2	2.624	2.400	2.883	0.020	259.816	0.781
Pair 3	2.623	2.333	2.907	0.021	259.697	0.808
Pair 4	2.624	2.391	2.891	0.020	259.763	0.778
Totals:	2.624	2.277	2.907			

Response time



This network performance test was created and run using Ixia's *IxChariot*. Visit the [Ixia home page](#) for more information.