

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\3 to 1 (Quad)\3to1TCPQuad.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\3 to 1 (Quad)\3to1TCPQuad.tst
Run start time	Monday, August 08, 2011, 7:51:53 PM
Run end time	Monday, August 08, 2011, 7:55:06 PM
Elapsed time	00:03:13
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

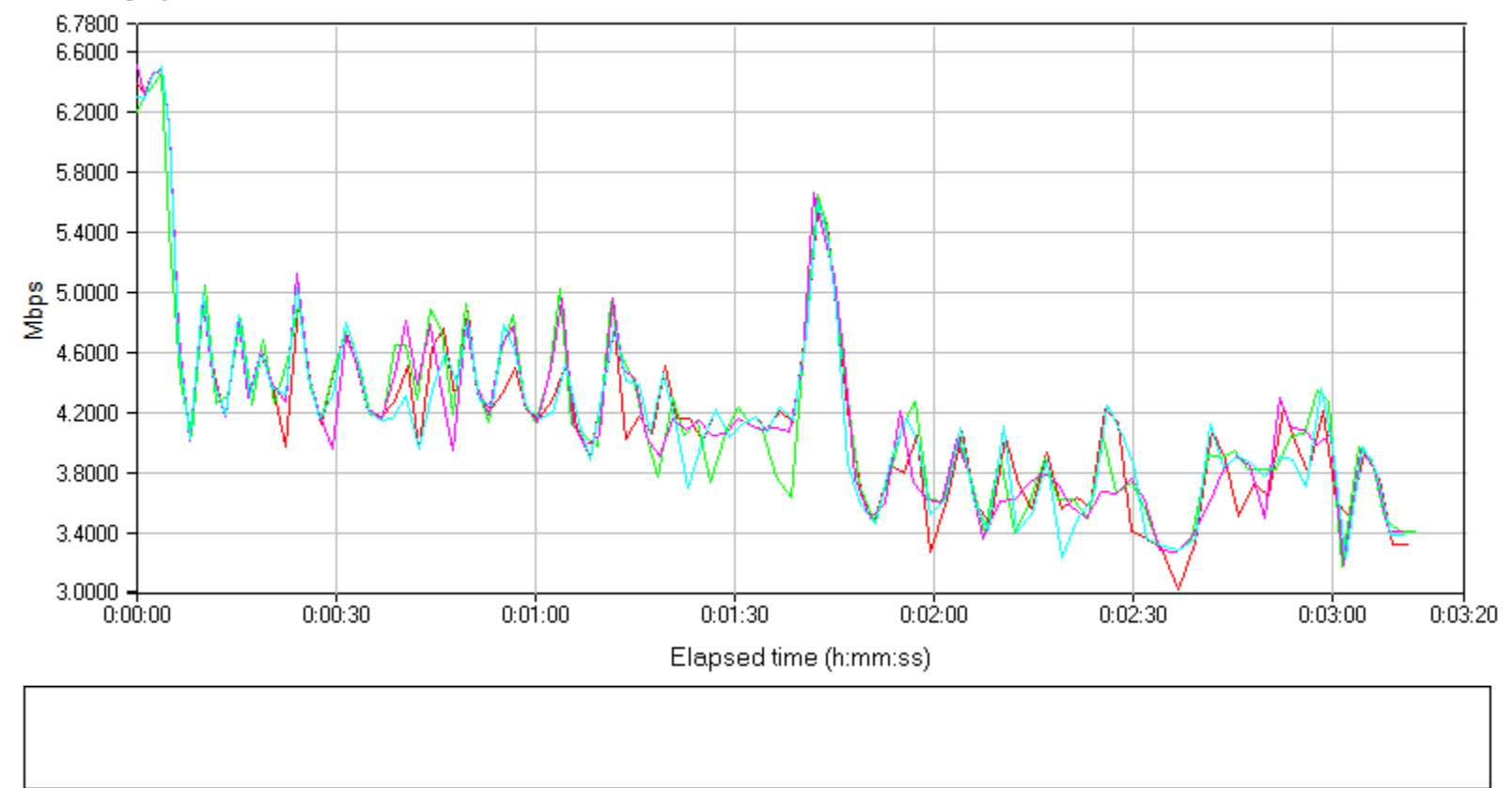
Test Execution (Endpoint 1 to Endpoint 2)

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

Throughput

Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	16.486	3.023	6.515			
Pair 1	4.135	3.023	6.472	0.116	191.544	2.799
Pair 2	4.153	3.165	6.462	0.114	192.649	2.749
Pair 3	4.152	3.176	6.515	0.117	190.751	2.812
Pair 4	4.145	3.221	6.494	0.115	191.093	2.766
Totals:	16.486	3.023	6.515			

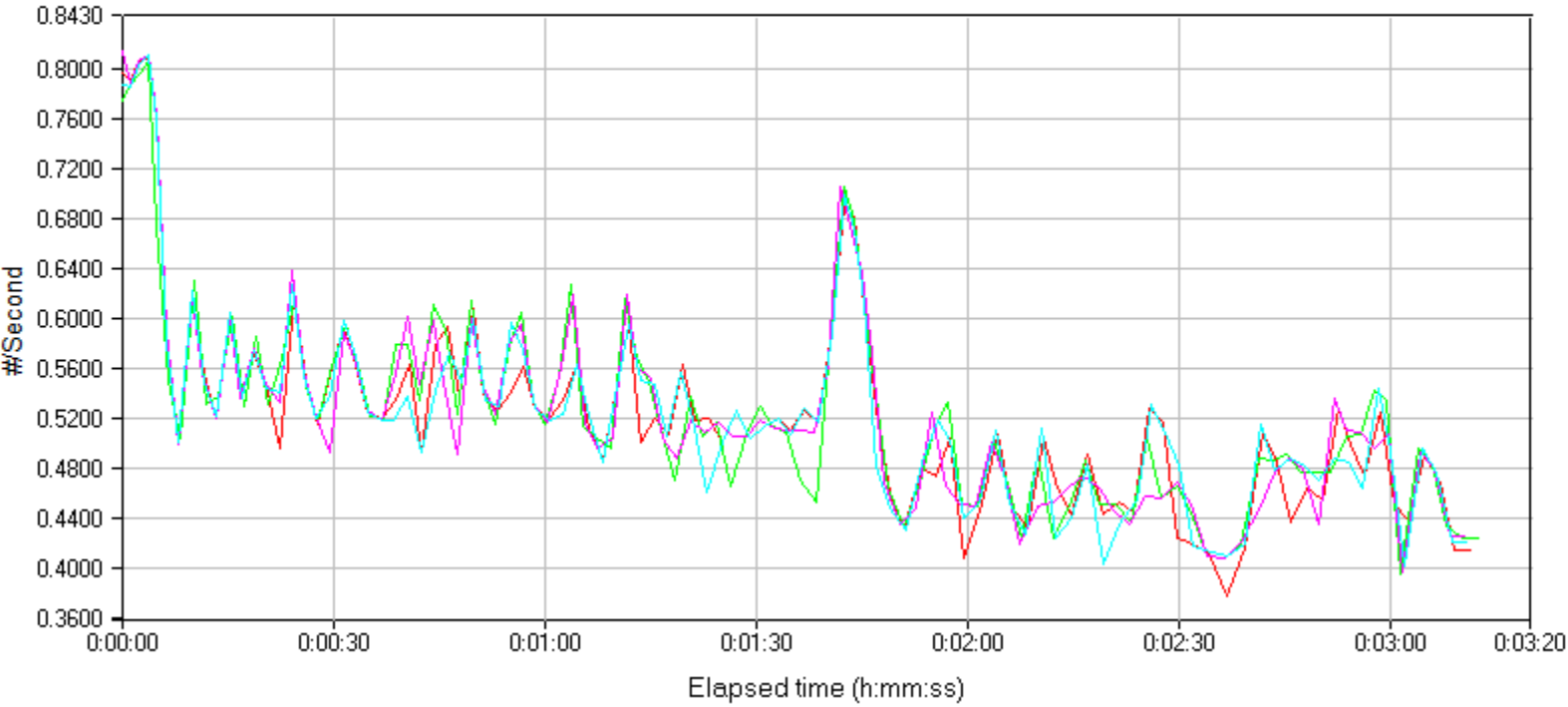
Throughput



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	2.073	0.378	0.814			
Pair 1	0.517	0.378	0.809	0.014	191.544	2.799
Pair 2	0.519	0.396	0.808	0.014	192.649	2.749
Pair 3	0.519	0.397	0.814	0.015	190.751	2.812
Pair 4	0.518	0.403	0.812	0.014	191.093	2.766
Totals:	2.073	0.378	0.814			

Transaction rate

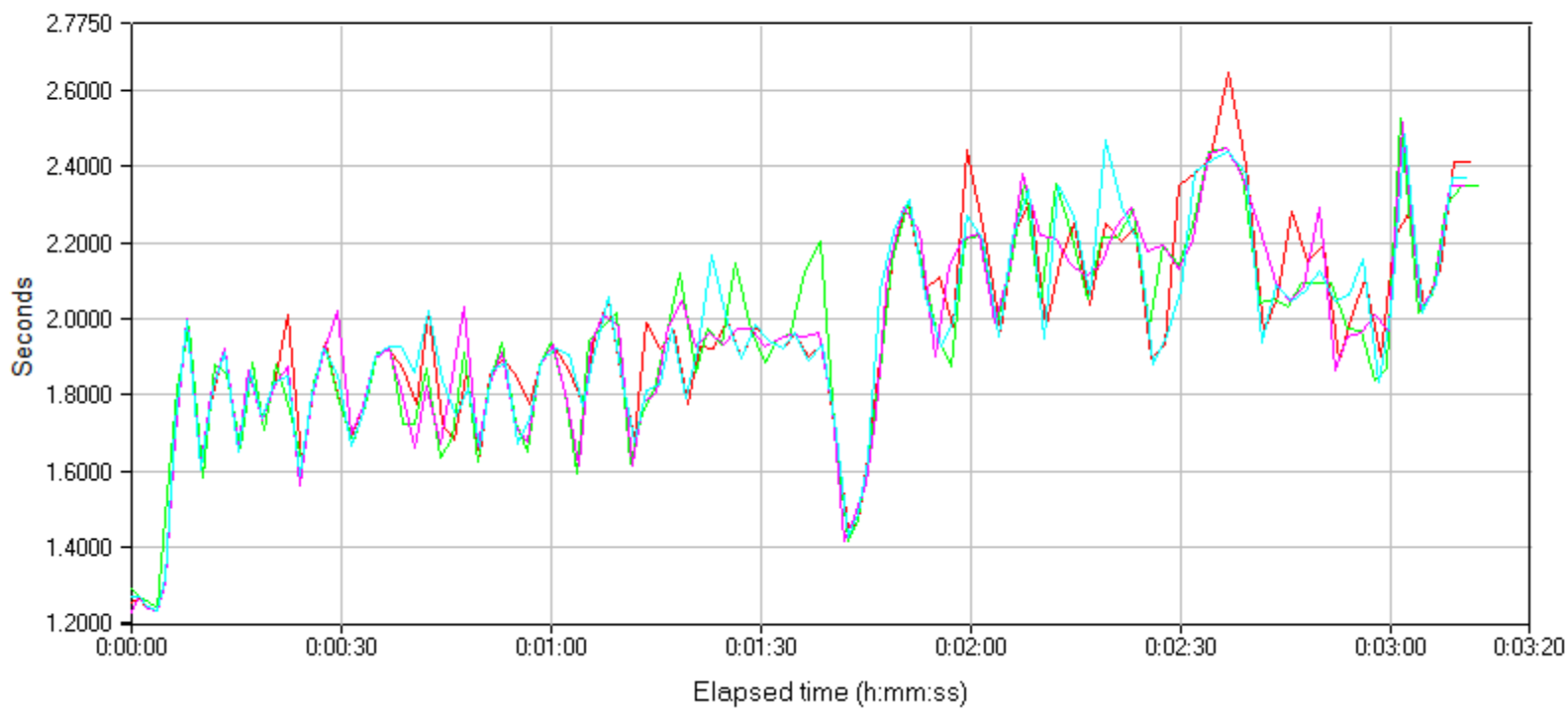


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Response Time

Group/ Pair	Response Time Average	Response Time Minimum	Response Time Maximum	Response Time 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	1.930	1.228	2.646			
Pair 1	1.935	1.236	2.646	0.054	191.544	2.799
Pair 2	1.926	1.238	2.528	0.053	192.649	2.749
Pair 3	1.927	1.228	2.519	0.054	190.751	2.812
Pair 4	1.930	1.232	2.484	0.053	191.093	2.766
Totals:	1.930	1.228	2.646			

Response time



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