

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\4 to 1 (Quad)\4to1TCPQuad.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\4 to 1 (Quad)\4to1TCPQuad.tst
Run start time	Monday, August 08, 2011, 8:37:08 PM
Run end time	Monday, August 08, 2011, 8:40:52 PM
Elapsed time	00:03:44
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

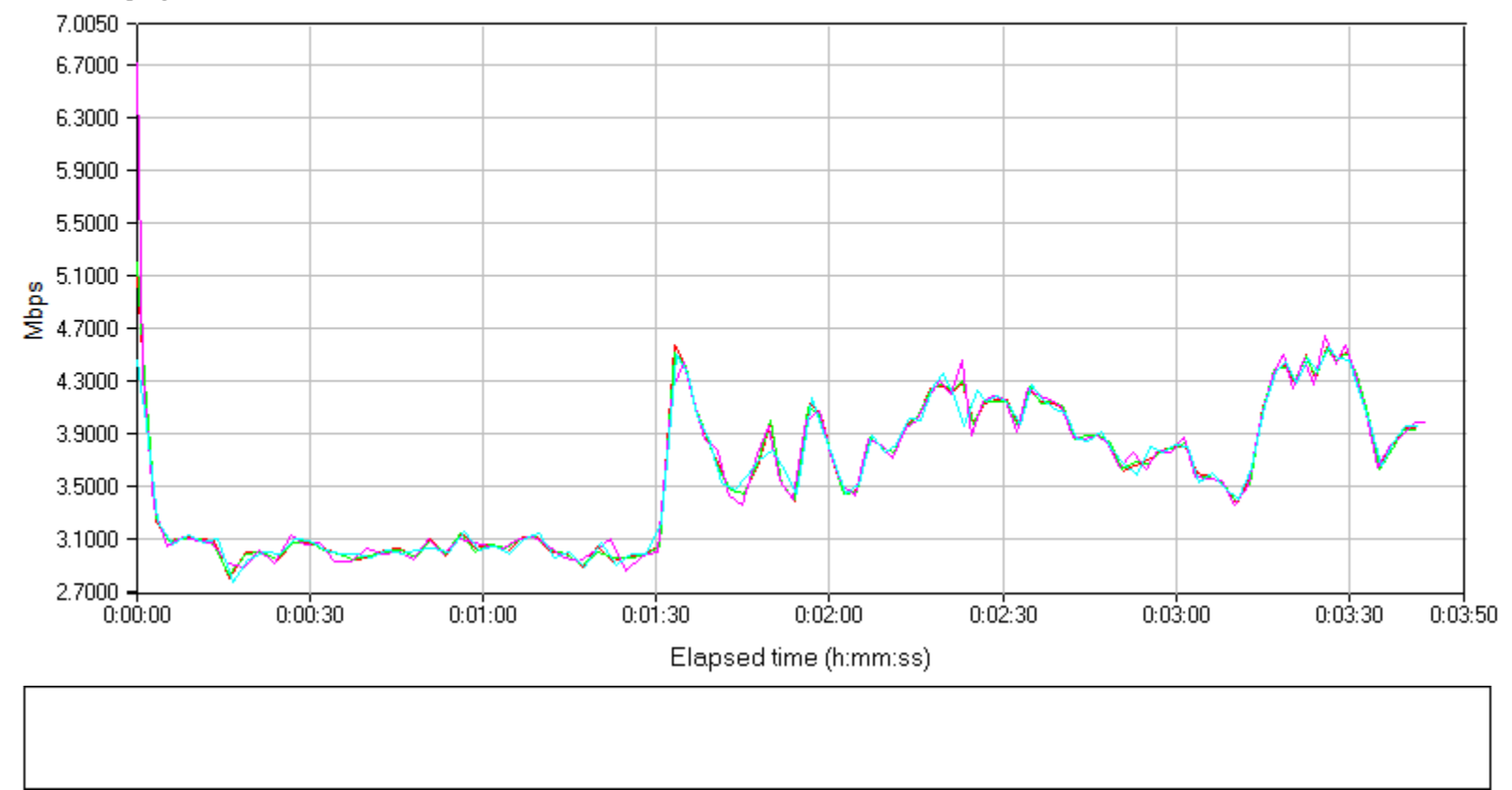
Test Execution (Endpoint 1 to Endpoint 2)

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	14.225	2.778	6.717			
Pair 1	3.574	2.808	5.112	0.105	221.588	2.941
Pair 2	3.575	2.841	5.208	0.105	221.544	2.947
Pair 3	3.583	2.859	6.717	0.108	223.261	3.014
Pair 4	3.570	2.778	4.556	0.102	221.875	2.864
Totals:	14.225	2.778	6.717			

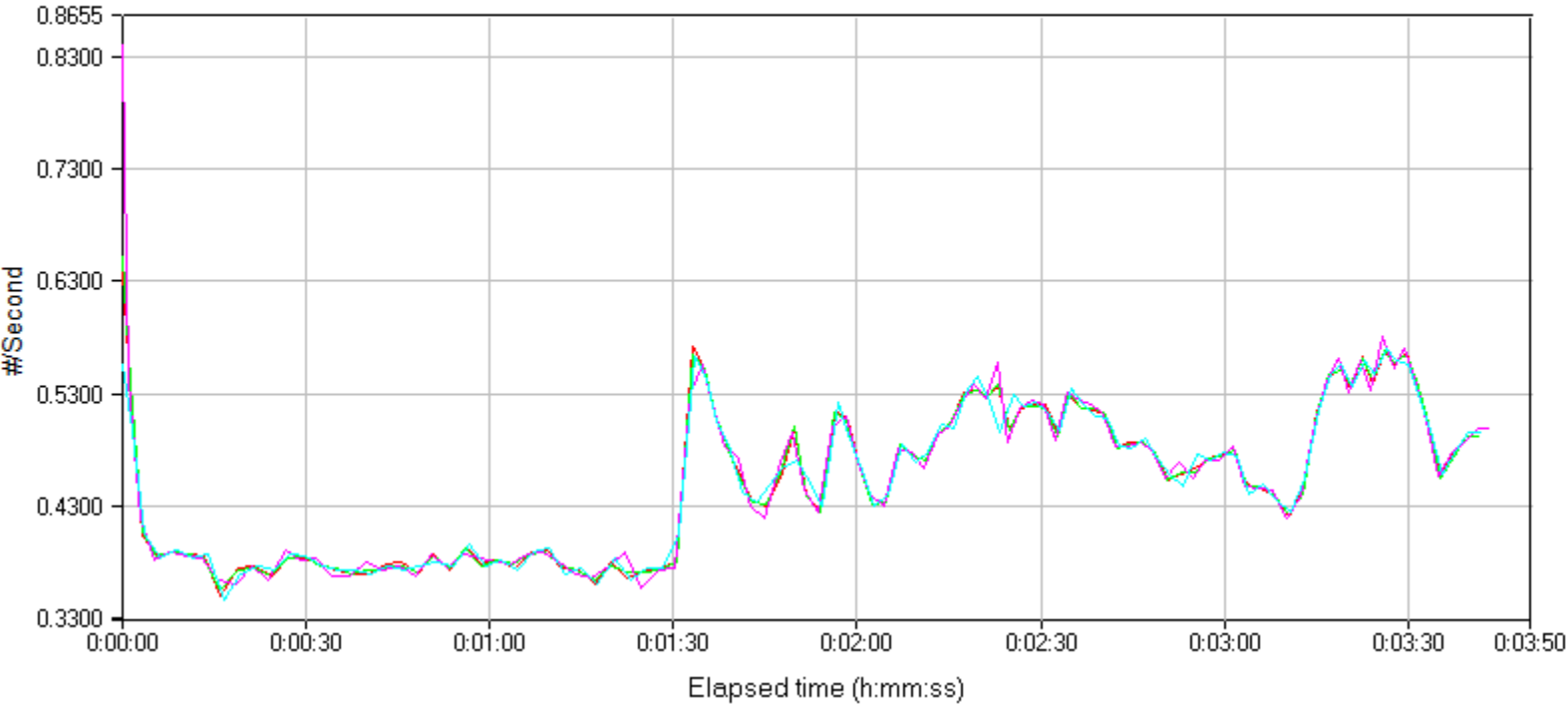
Throughput



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	1.788	0.347	0.840			
Pair 1	0.447	0.351	0.639	0.013	221.588	2.941
Pair 2	0.447	0.355	0.651	0.013	221.544	2.947
Pair 3	0.448	0.357	0.840	0.014	223.261	3.014
Pair 4	0.446	0.347	0.569	0.013	221.875	2.864
Totals:	1.788	0.347	0.840			

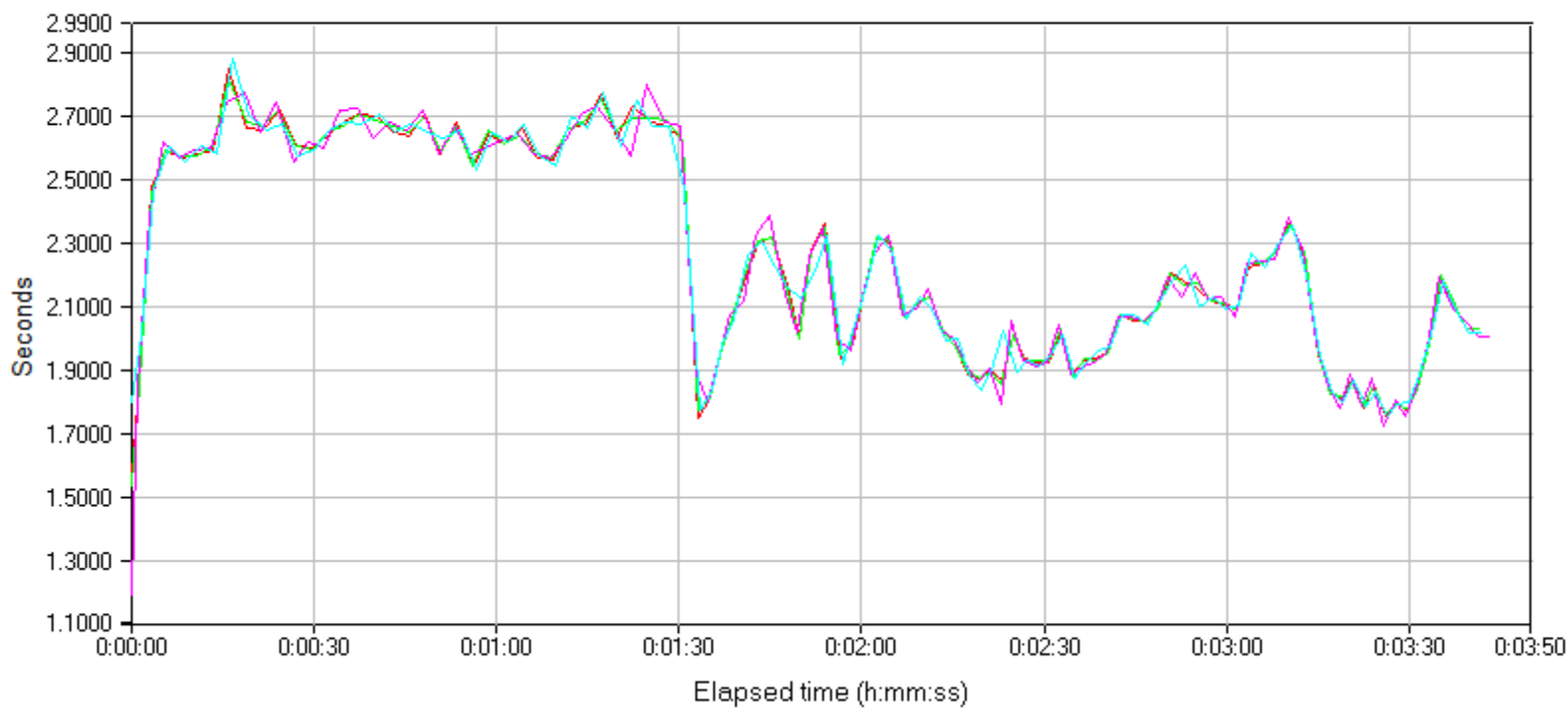
Transaction rate



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	2.237	1.191	2.880			
Pair 1	2.238	1.565	2.849	0.066	221.588	2.941
Pair 2	2.238	1.536	2.816	0.066	221.544	2.947
Pair 3	2.233	1.191	2.798	0.067	223.261	3.014
Pair 4	2.241	1.756	2.880	0.064	221.875	2.864
Totals:	2.237	1.191	2.880			

Response time



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