

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\2 to 3 (Quad)\2to3TCPQuad.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\SigmaDesignsHomePlugAV\TCP\2 to 3 (Quad)\2to3TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:25:43 PM
Run end time	Tuesday, August 09, 2011, 6:26:50 PM
Elapsed time	00:01:07
How the test ended	Ran to completion
Number of pairs	4

Run Options

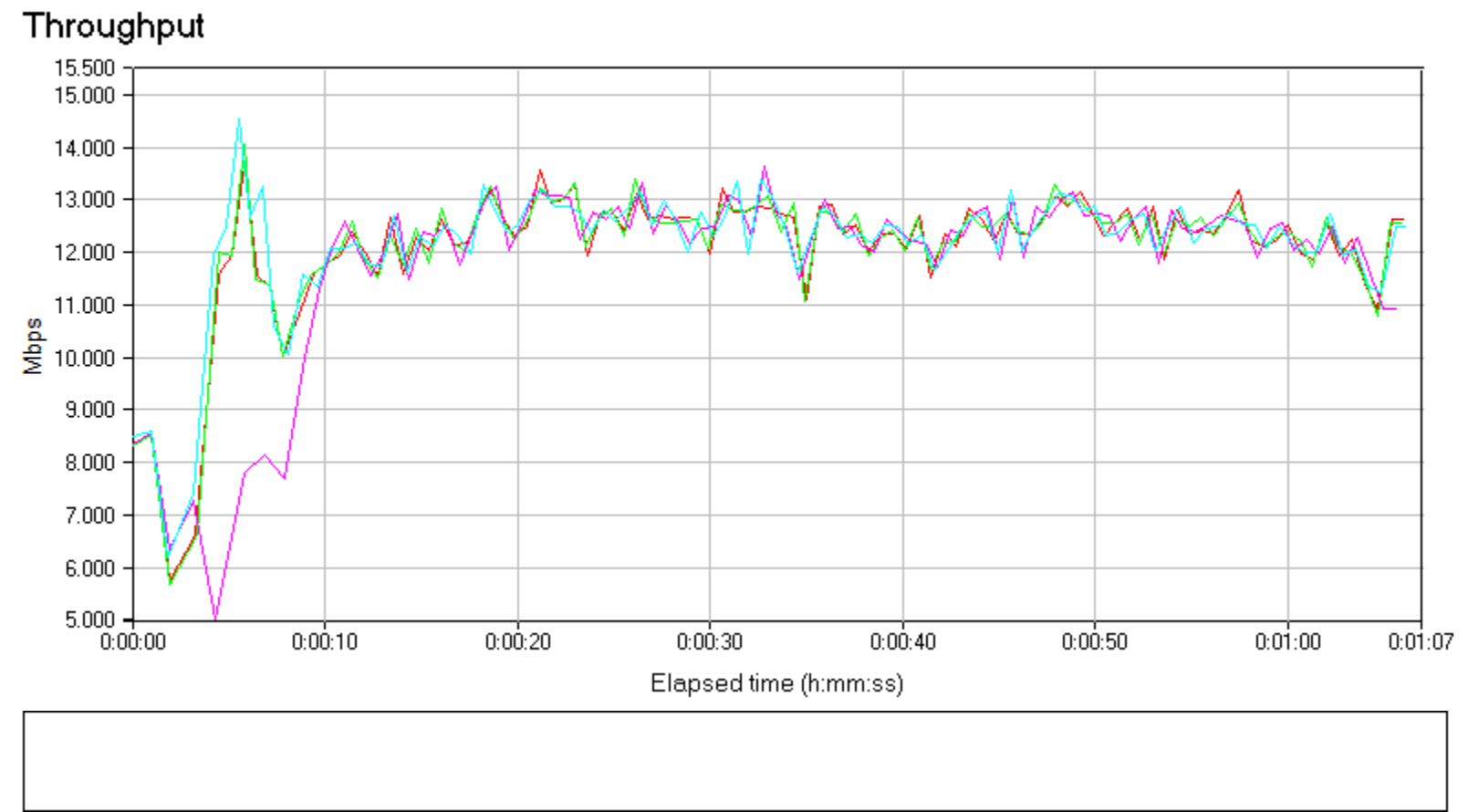
End type	Run until any pair ends
Reporting type	Real-time
Automatically poll endpoints	Yes
Polling interval (minutes)	1
Stop run upon initialization failure	Yes
Connect timeout during test (minutes)	0
Stop test after this many running pairs fail	1
Collect endpoint CPU utilization	No
Collect TCP statistics	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

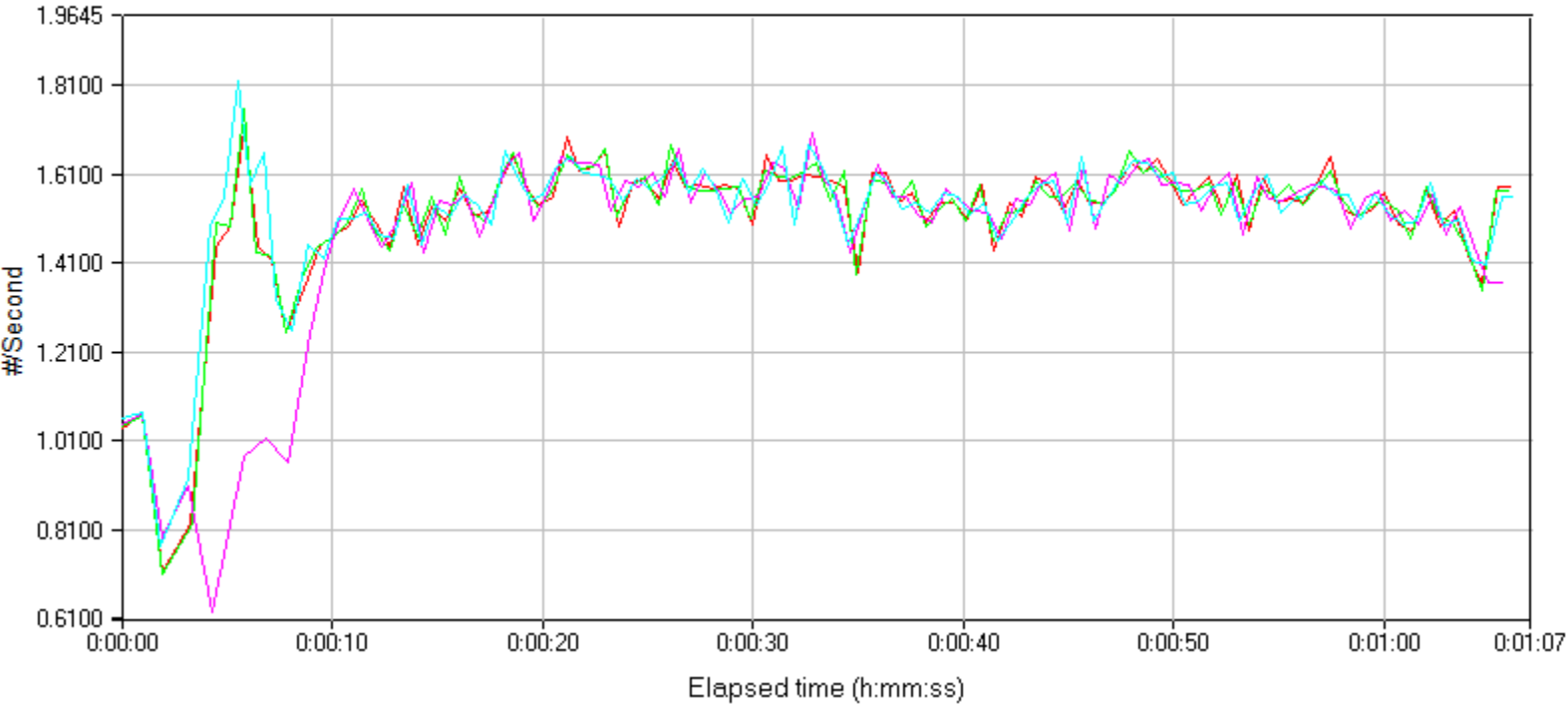
Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	47.587	5.009	14.545			
Pair 1	11.992	5.731	13.675	0.385	66.044	3.209
Pair 2	12.000	5.674	14.060	0.389	66.000	3.239
Pair 3	11.688	5.009	13.629	0.506	65.709	4.328
Pair 4	12.080	6.202	14.545	0.335	66.224	2.770
Totals:	47.587	5.009	14.545			



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	5.970	0.626	1.818			
Pair 1	1.499	0.716	1.709	0.048	66.044	3.209
Pair 2	1.500	0.709	1.757	0.049	66.000	3.239
Pair 3	1.461	0.626	1.704	0.063	65.709	4.328
Pair 4	1.510	0.775	1.818	0.042	66.224	2.770
Totals:	5.970	0.626	1.818			

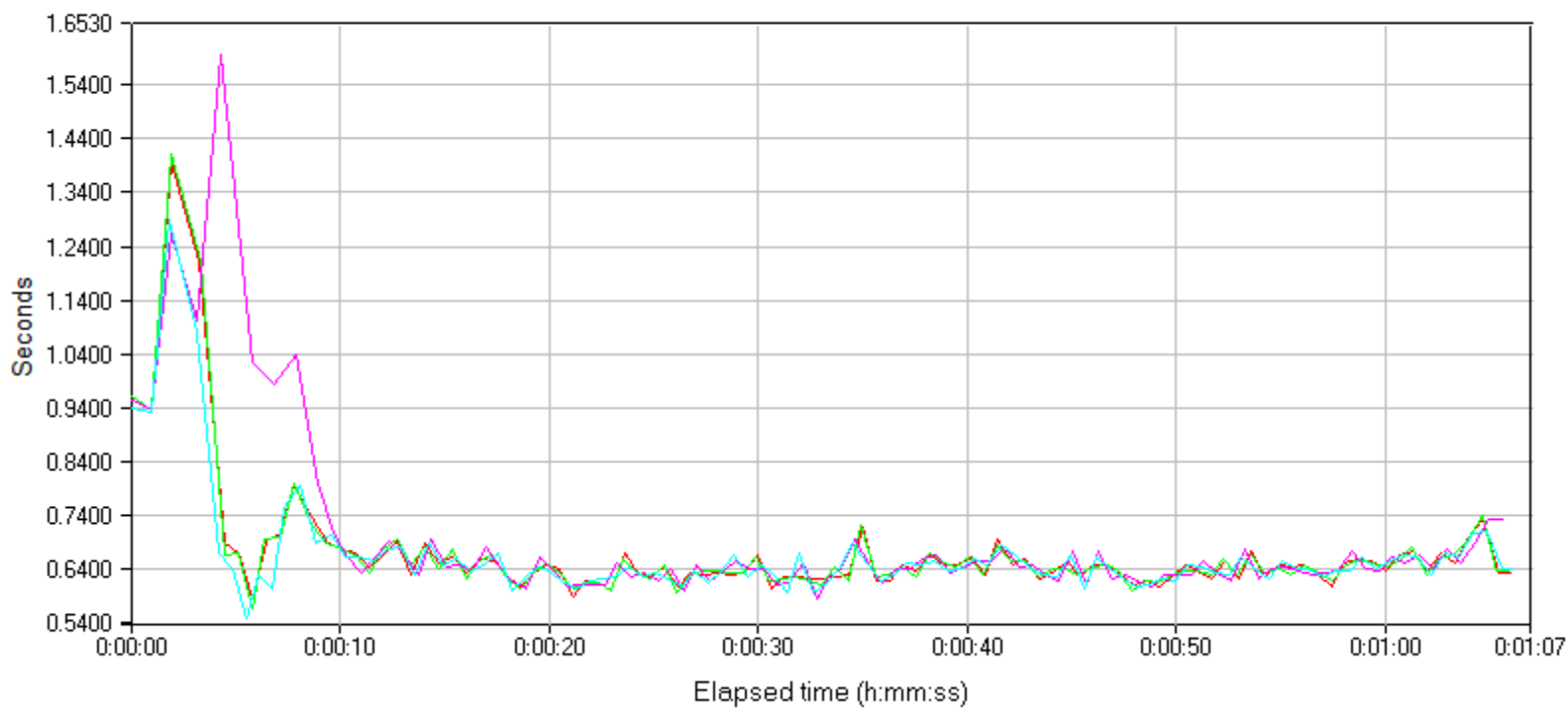
Transaction rate



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	0.670	0.550	1.597			
Pair 1	0.667	0.585	1.396	0.021	66.044	3.209
Pair 2	0.667	0.569	1.410	0.022	66.000	3.239
Pair 3	0.684	0.587	1.597	0.030	65.709	4.328
Pair 4	0.662	0.550	1.290	0.018	66.224	2.770
Totals:	0.670	0.550	1.597			

Response time



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