

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\1 to 4 (Quad)\1to4TCPQuad.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\1 to 4 (Quad)\1to4TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:41:13 PM
Run end time	Tuesday, August 09, 2011, 6:42:26 PM
Elapsed time	00:01:13
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

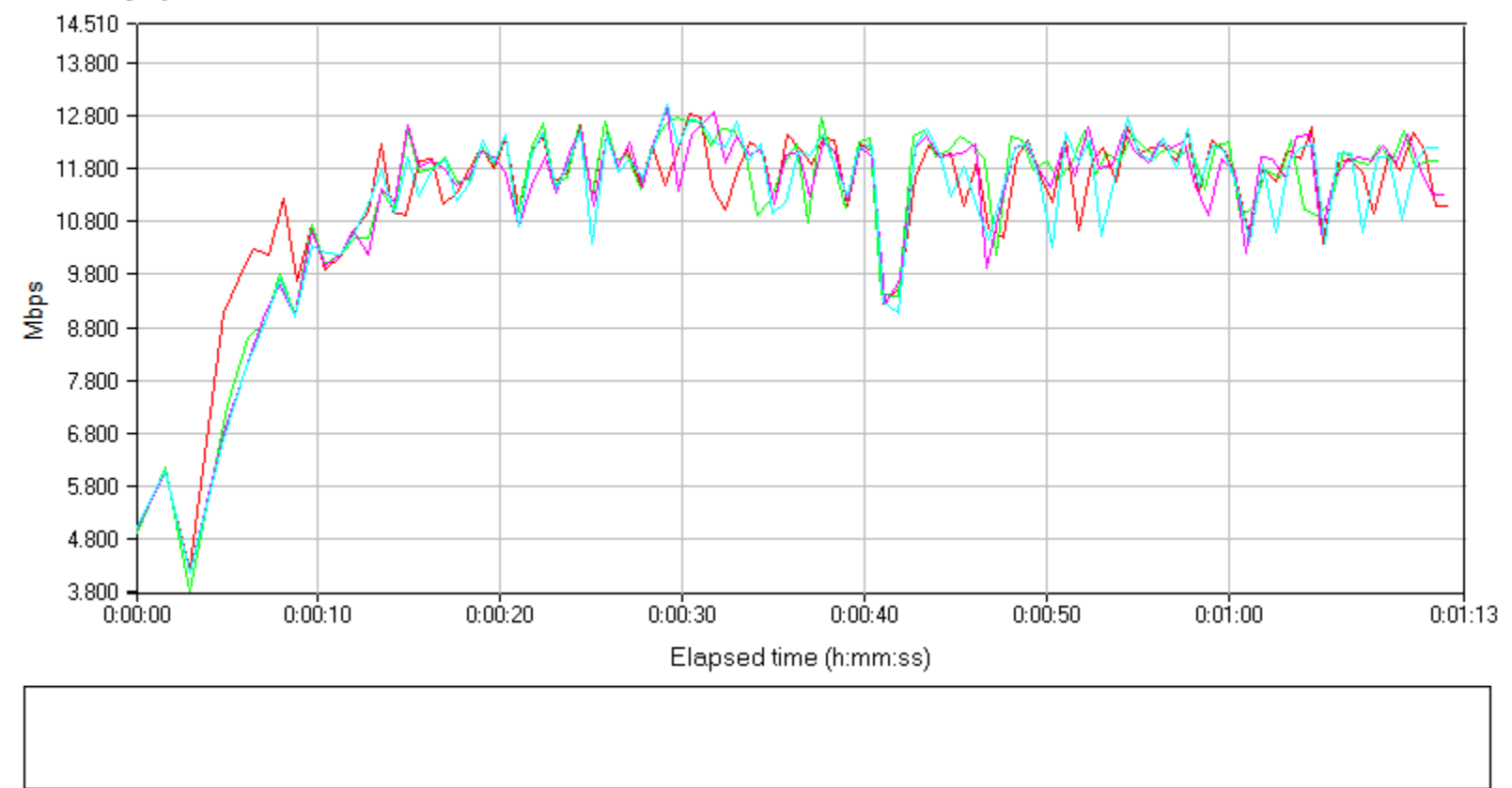
Test Execution (Endpoint 1 to Endpoint 2)

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	43.918	3.830	13.008			
Pair 1	11.094	4.249	12.821	0.514	72.110	4.632
Pair 2	11.060	3.830	12.759	0.586	71.612	5.298
Pair 3	11.017	4.186	12.945	0.549	71.890	4.984
Pair 4	10.958	4.158	13.008	0.552	71.544	5.041
Totals:	43.918	3.830	13.008			

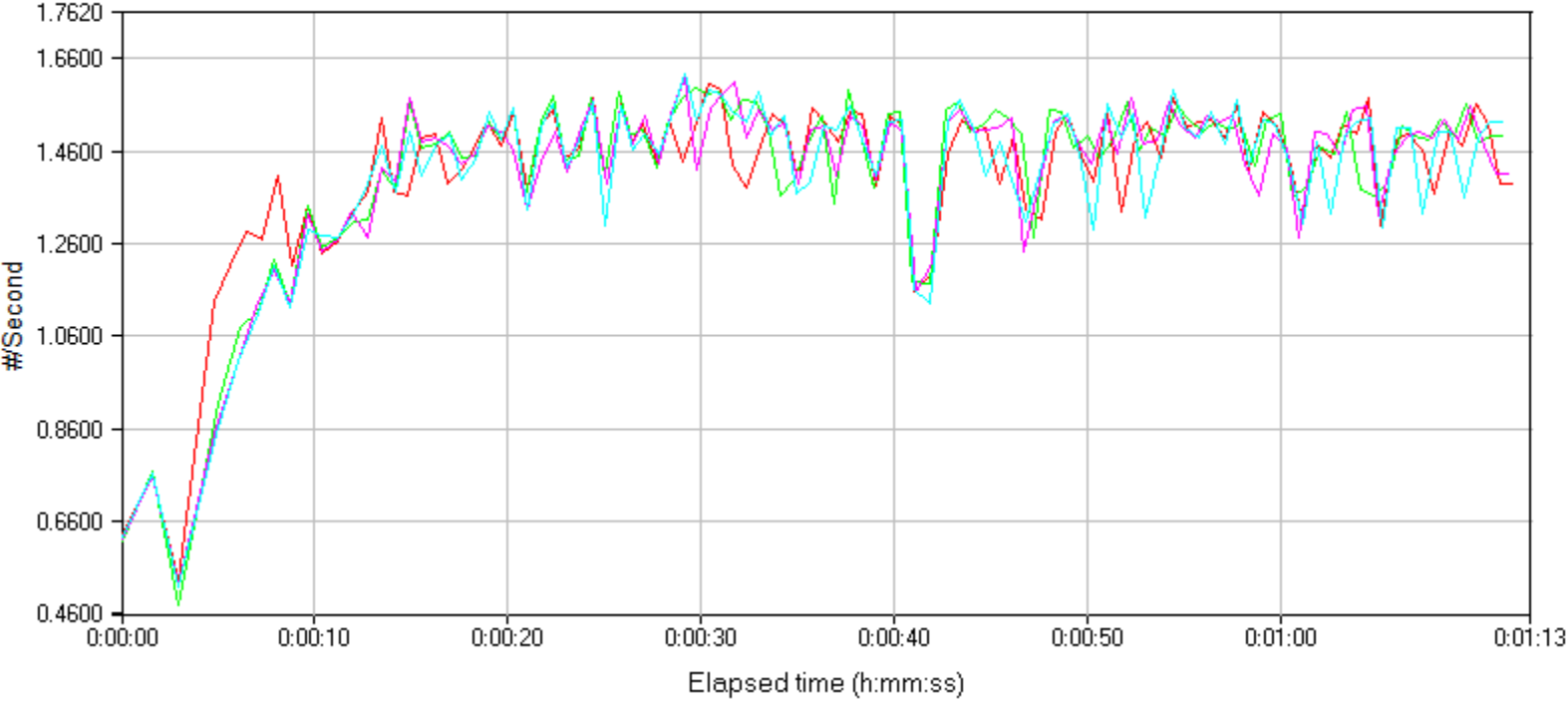
Throughput



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	5.516	0.479	1.626			
Pair 1	1.387	0.531	1.603	0.064	72.110	4.632
Pair 2	1.382	0.479	1.595	0.073	71.612	5.298
Pair 3	1.377	0.523	1.618	0.069	71.890	4.984
Pair 4	1.370	0.520	1.626	0.069	71.544	5.041
Totals:	5.516	0.479	1.626			

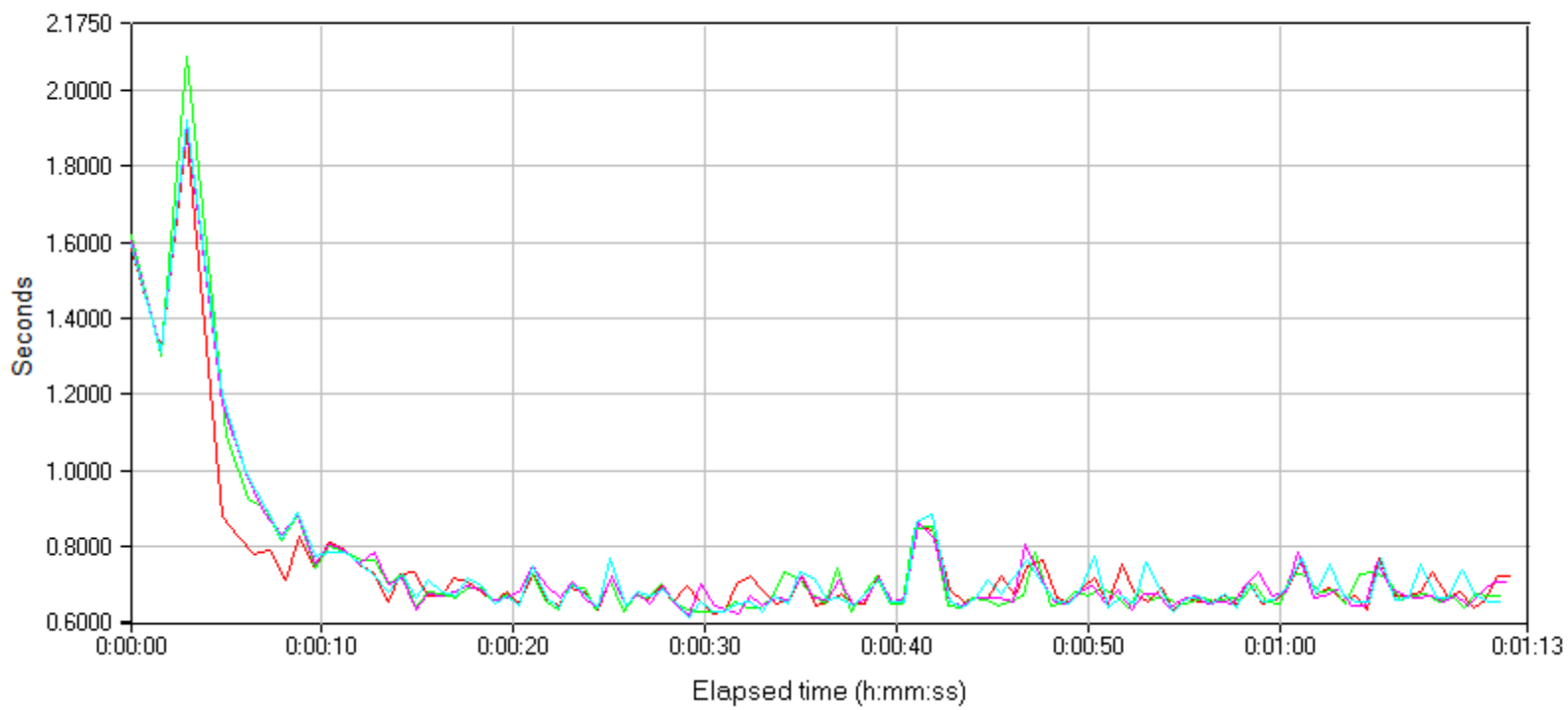
Transaction rate



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	0.725	0.615	2.089			
Pair 1	0.721	0.624	1.883	0.033	72.110	4.632
Pair 2	0.723	0.627	2.089	0.038	71.612	5.298
Pair 3	0.726	0.618	1.911	0.036	71.890	4.984
Pair 4	0.730	0.615	1.924	0.037	71.544	5.041
Totals:	0.725	0.615	2.089			

Response time



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