

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\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\SigmaDesignsHomePlugAV\TCP\3 to 1 (Quad)\3to1TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:19:08 PM
Run end time	Tuesday, August 09, 2011, 6:20:33 PM
Elapsed time	00:01:25
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

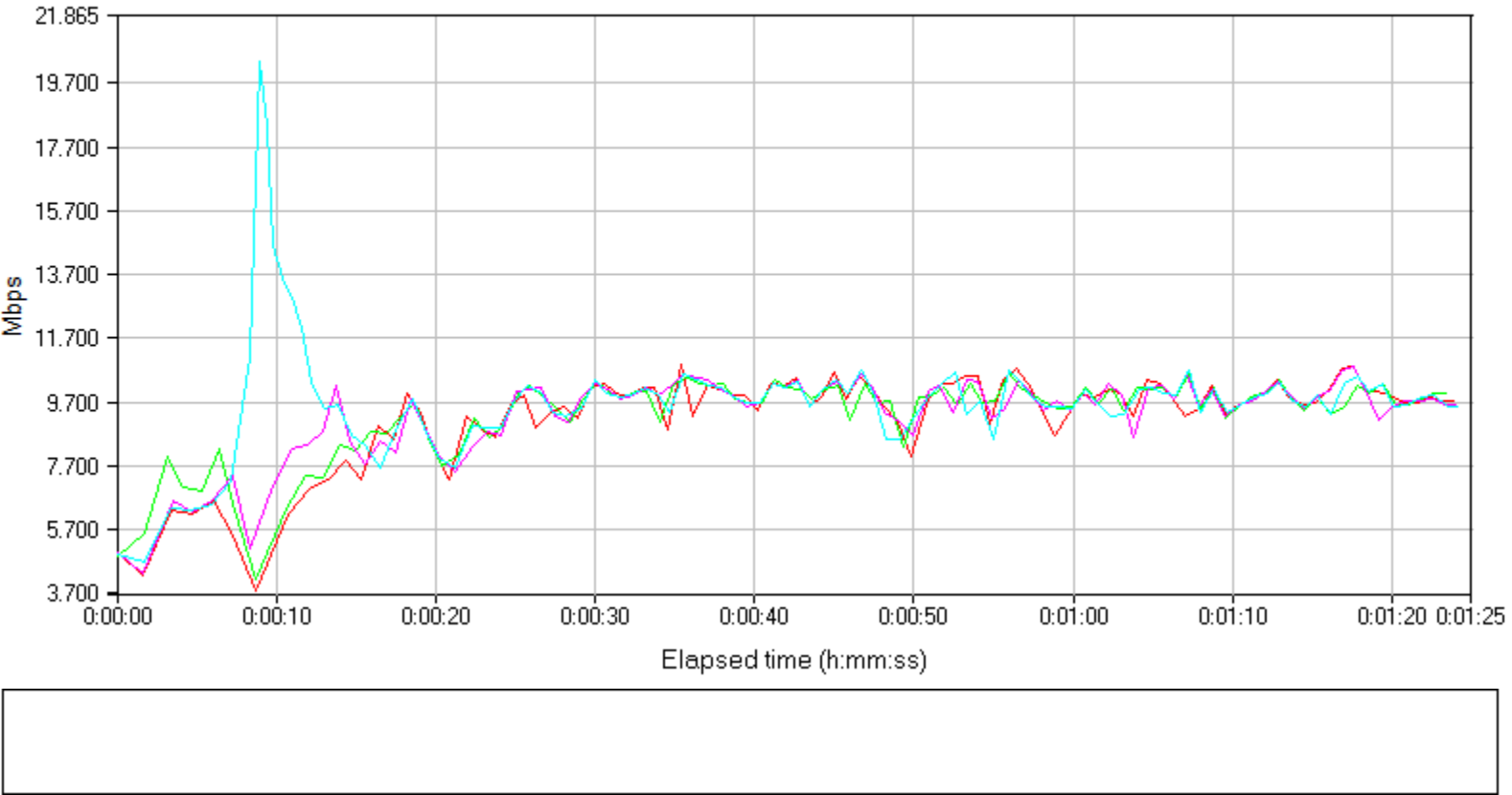
Test Execution (Endpoint 1 to Endpoint 2)

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	36.546	3.795	20.408			
Pair 1	8.954	3.795	10.870	0.459	83.985	5.126
Pair 2	9.114	4.134	10.667	0.380	83.389	4.170
Pair 3	9.136	4.327	10.825	0.375	84.060	4.107
Pair 4	9.502	4.676	20.408	0.384	84.193	4.041
Totals:	36.546	3.795	20.408			

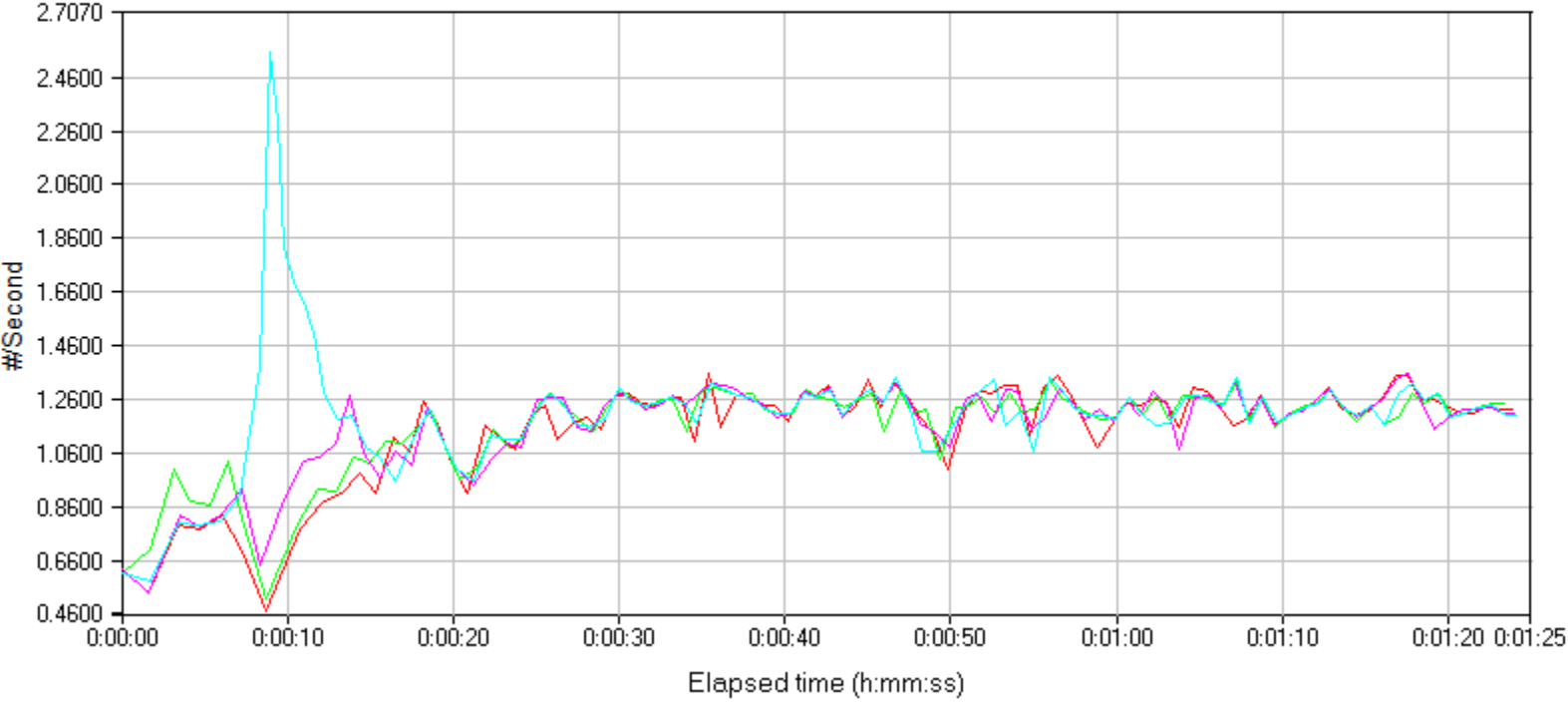
Throughput



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	4.588	0.474	2.551			
Pair 1	1.119	0.474	1.359	0.057	83.985	5.126
Pair 2	1.139	0.517	1.333	0.048	83.389	4.170
Pair 3	1.142	0.541	1.353	0.047	84.060	4.107
Pair 4	1.188	0.584	2.551	0.048	84.193	4.041
Totals:	4.588	0.474	2.551			

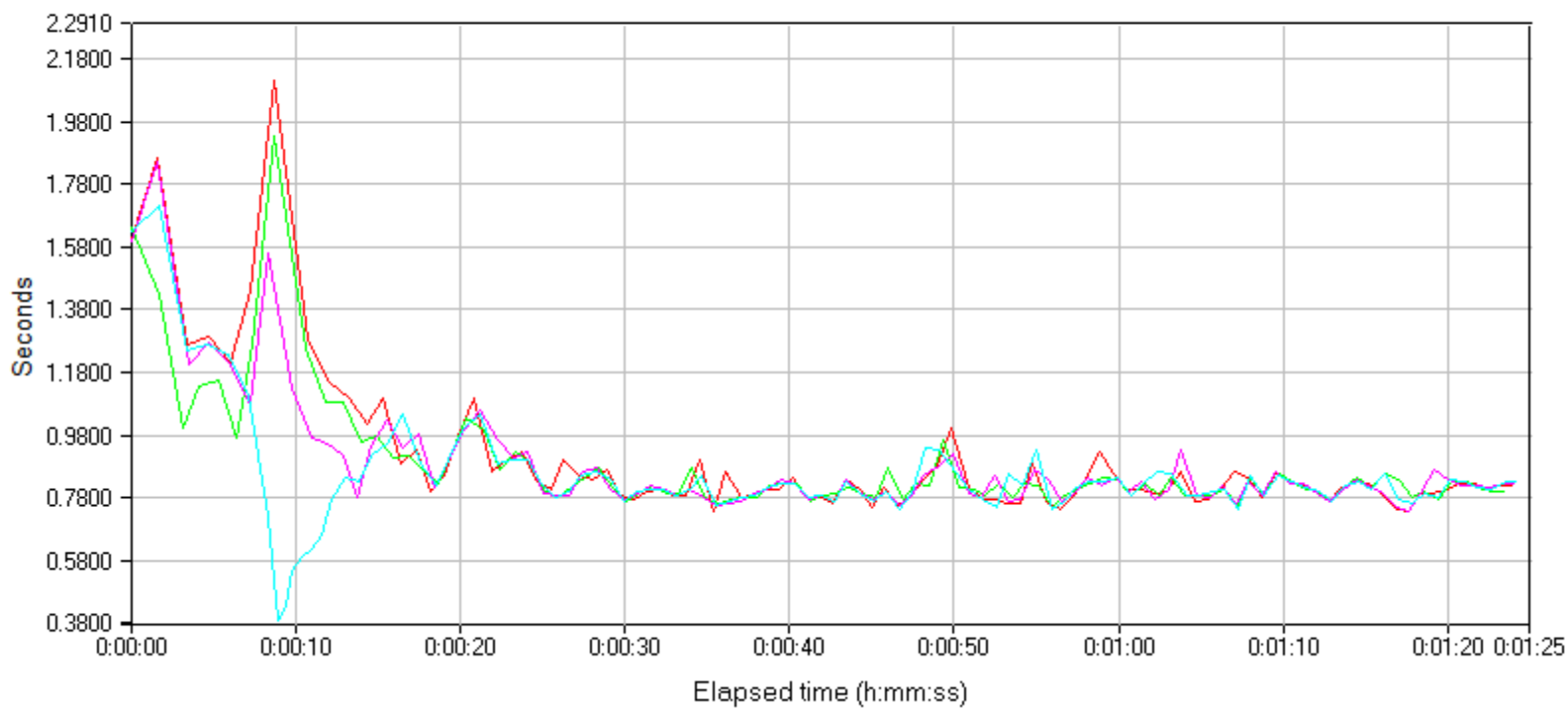
Transaction rate



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	0.872	0.392	2.108			
Pair 1	0.893	0.736	2.108	0.046	83.985	5.126
Pair 2	0.878	0.750	1.935	0.037	83.389	4.170
Pair 3	0.876	0.739	1.849	0.036	84.060	4.107
Pair 4	0.842	0.392	1.711	0.034	84.193	4.041
Totals:	0.872	0.392	2.108			

Response time



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