

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\2 to 4 (Quad)\2to4TCPQuad.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 4 (Quad)\2to4TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:50:06 PM
Run end time	Tuesday, August 09, 2011, 6:51:09 PM
Elapsed time	00:01:03
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

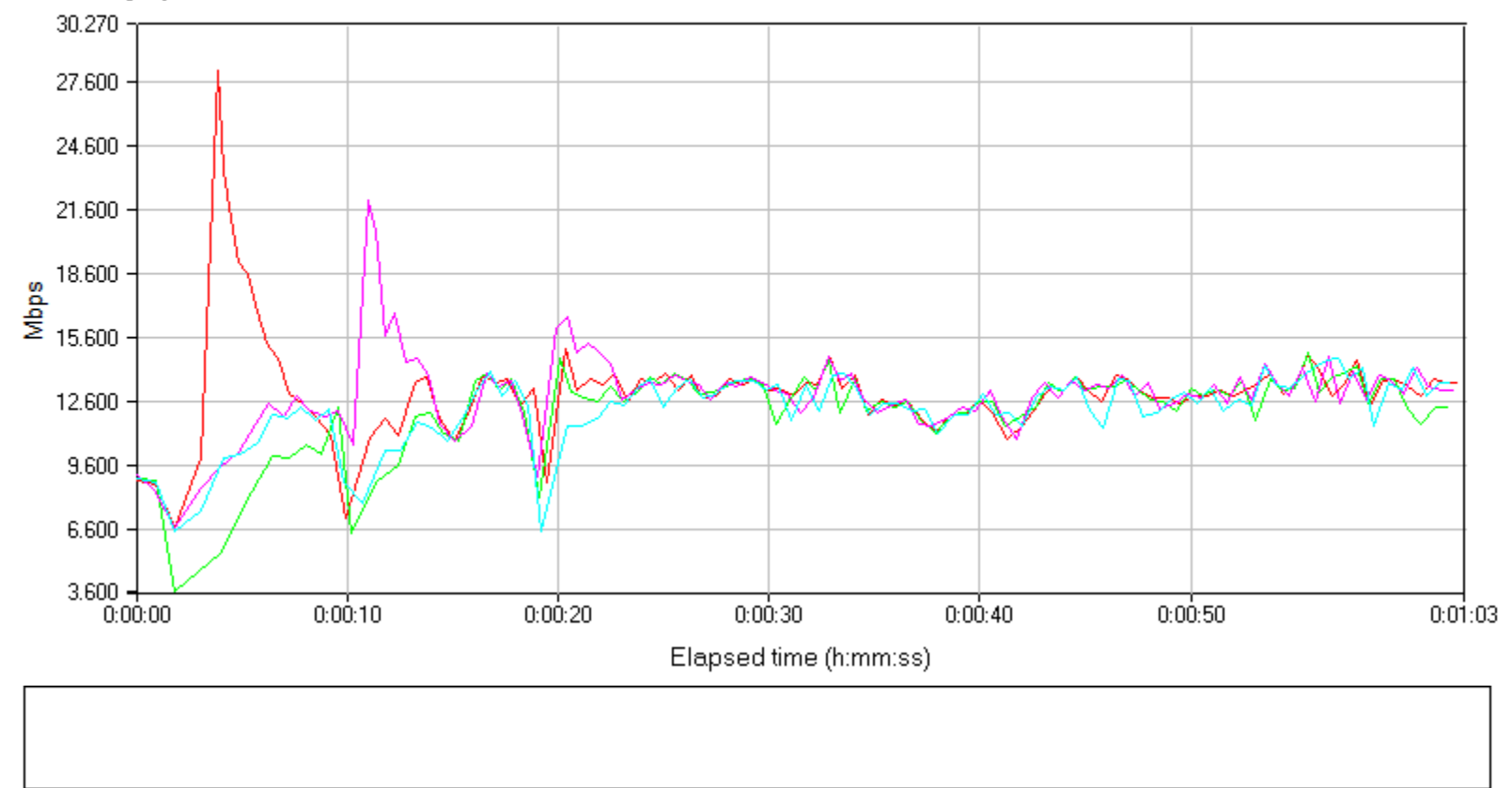
Test Execution (Endpoint 1 to Endpoint 2)

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	48.872	3.618	28.070			
Pair 1	12.762	6.623	28.070	0.486	62.686	3.808
Pair 2	11.699	3.618	14.842	0.756	62.229	6.463
Pair 3	12.675	6.639	21.978	0.433	62.486	3.416
Pair 4	11.934	6.488	14.572	0.459	62.345	3.847
Totals:	48.872	3.618	28.070			

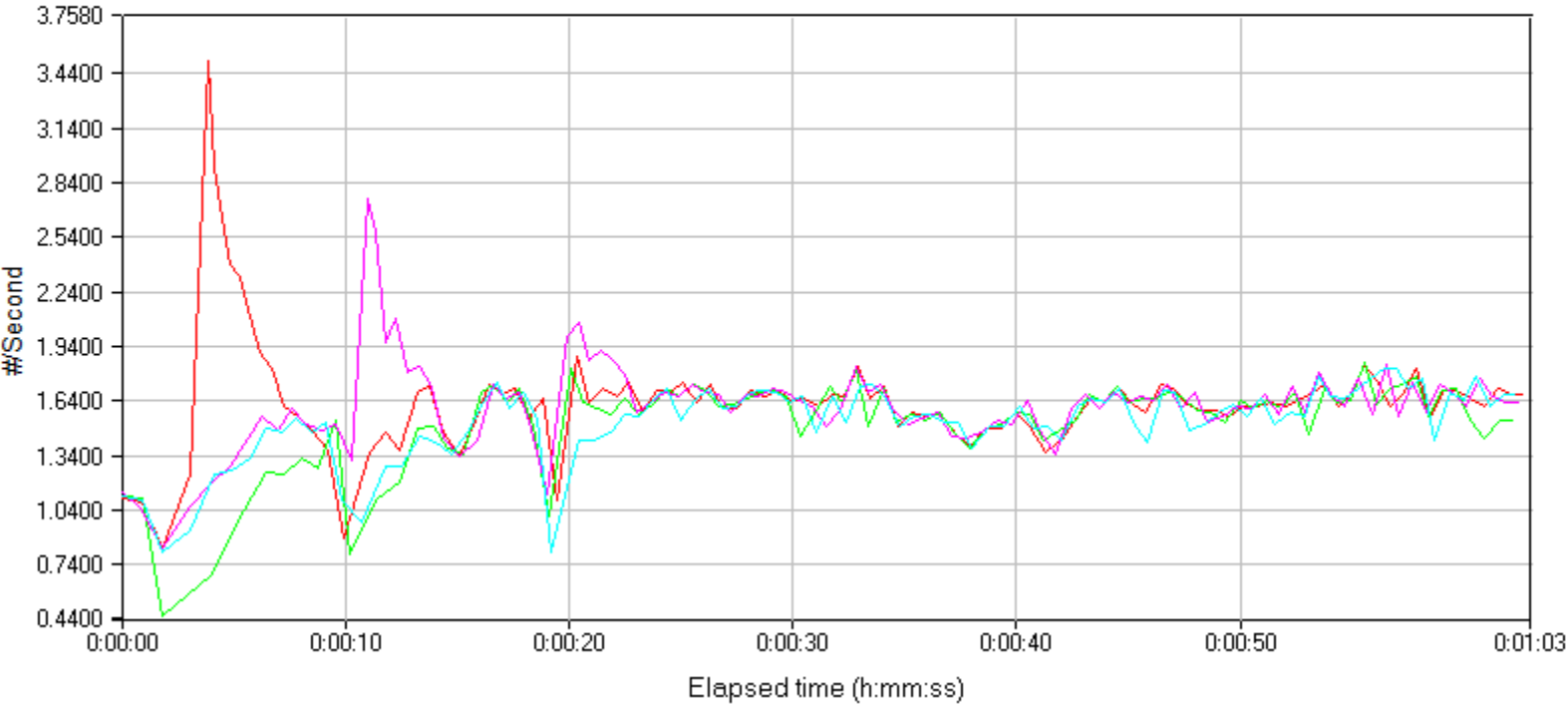
Throughput



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	6.134	0.452	3.509			
Pair 1	1.595	0.828	3.509	0.061	62.686	3.808
Pair 2	1.462	0.452	1.855	0.095	62.229	6.463
Pair 3	1.584	0.830	2.747	0.054	62.486	3.416
Pair 4	1.492	0.811	1.821	0.057	62.345	3.847
Totals:	6.134	0.452	3.509			

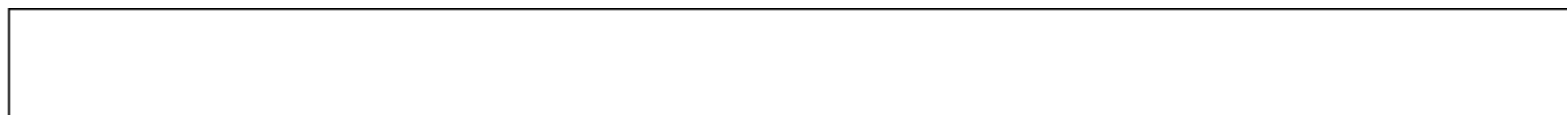
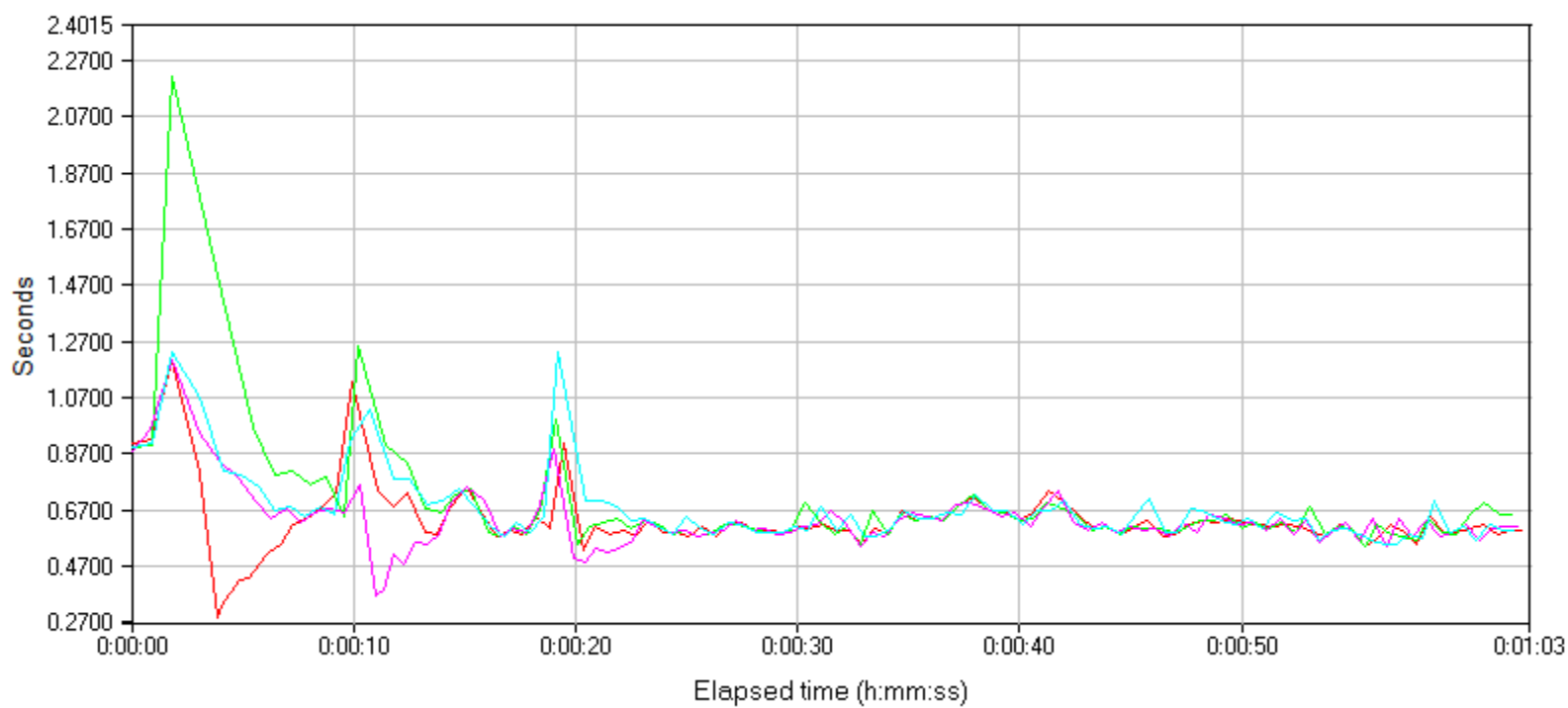
Transaction rate



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	0.653	0.285	2.211			
Pair 1	0.627	0.285	1.208	0.024	62.686	3.808
Pair 2	0.684	0.539	2.211	0.044	62.229	6.463
Pair 3	0.631	0.364	1.205	0.022	62.486	3.416
Pair 4	0.670	0.549	1.233	0.026	62.345	3.847
Totals:	0.653	0.285	2.211			

Response time



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