

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\3 to 4 (Quad)\3to4TCPQuad.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\NETGEARHomePlugAV\TCP\3 to 4 (Quad)\3to4TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 8:00:19 AM
Run end time	Tuesday, August 09, 2011, 8:01:19 AM
Elapsed time	00:01:00
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

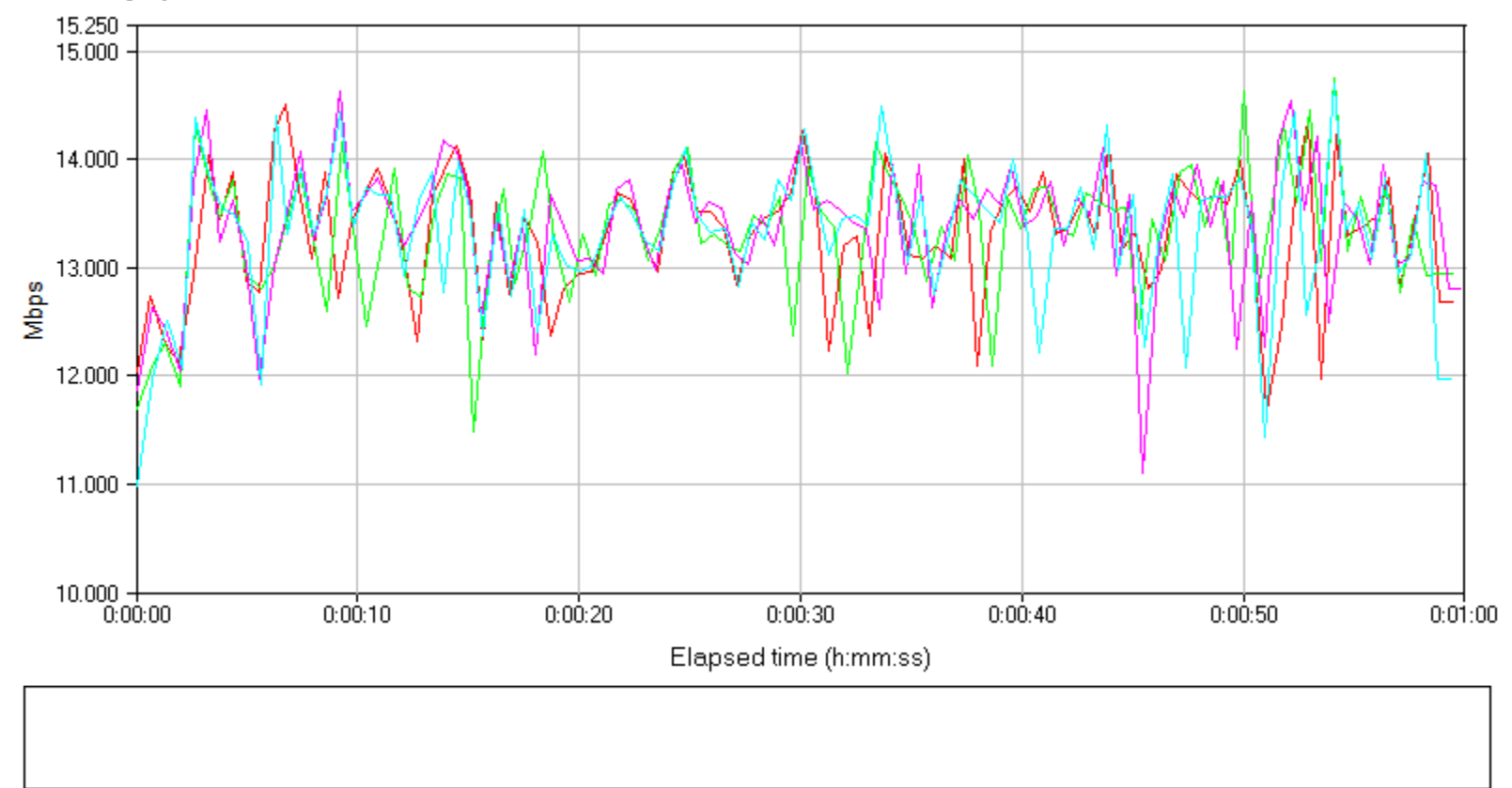
Test Execution (Endpoint 1 to Endpoint 2)

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	53.037	10.974	14.760			
Pair 1	13.307	11.679	14.519	0.122	59.518	0.915
Pair 2	13.311	11.478	14.760	0.125	59.500	0.942
Pair 3	13.363	11.096	14.625	0.124	59.869	0.931
Pair 4	13.321	10.974	14.706	0.139	59.456	1.045
Totals:	53.037	10.974	14.760			

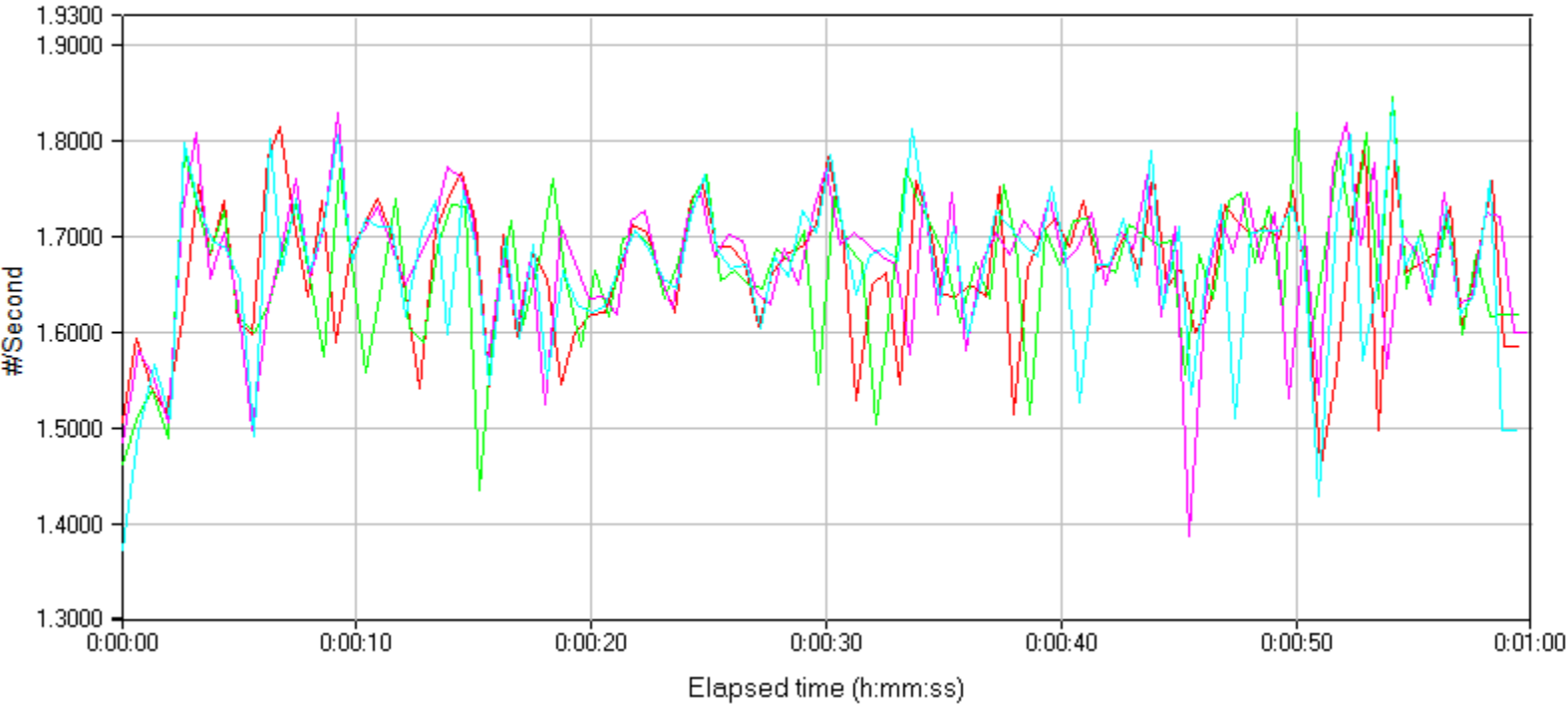
Throughput



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	6.663	1.372	1.845			
Pair 1	1.663	1.460	1.815	0.015	59.518	0.915
Pair 2	1.664	1.435	1.845	0.016	59.500	0.942
Pair 3	1.670	1.387	1.828	0.016	59.869	0.931
Pair 4	1.665	1.372	1.838	0.017	59.456	1.045
Totals:	6.663	1.372	1.845			

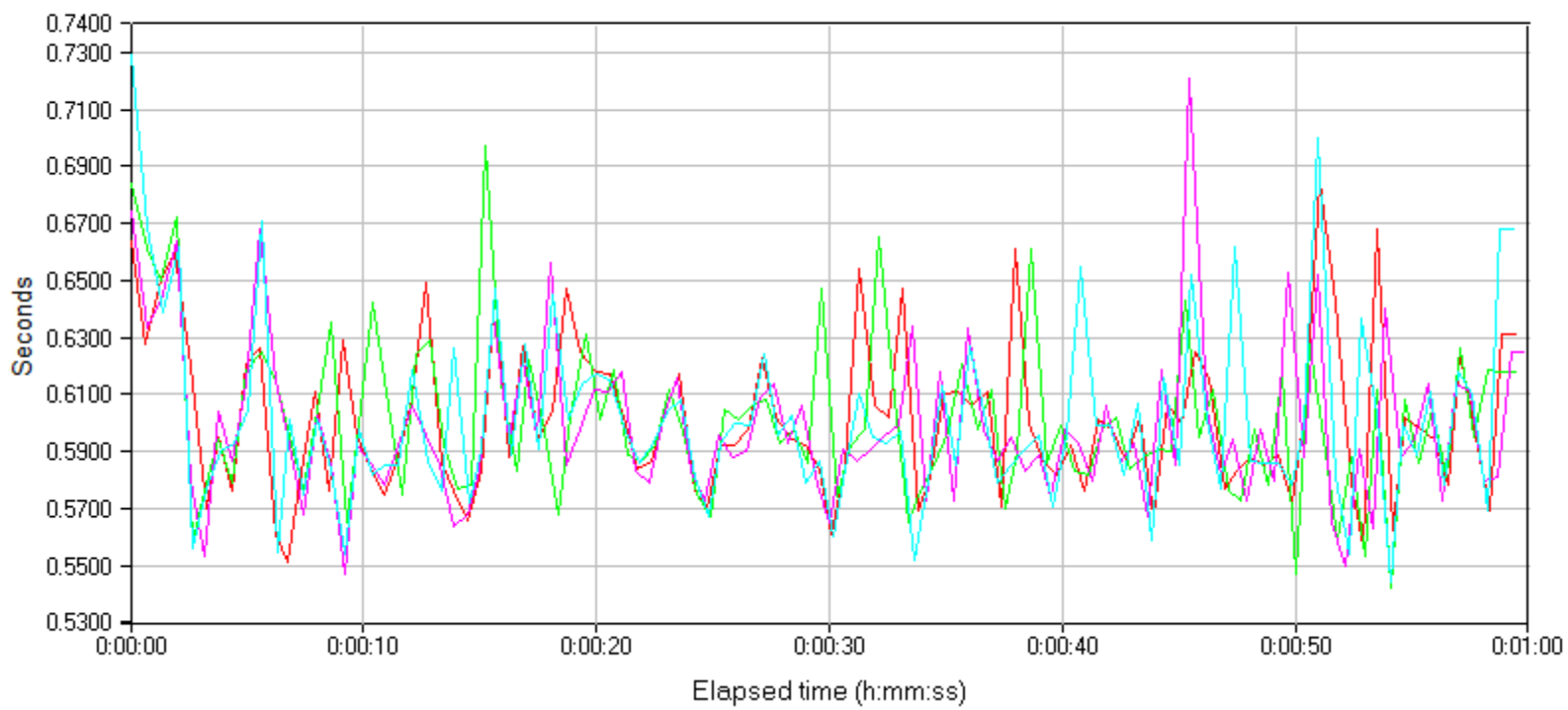
Transaction rate



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	0.600	0.542	0.729			
Pair 1	0.601	0.551	0.685	0.005	59.518	0.915
Pair 2	0.601	0.542	0.697	0.006	59.500	0.942
Pair 3	0.599	0.547	0.721	0.006	59.869	0.931
Pair 4	0.601	0.544	0.729	0.006	59.456	1.045
Totals:	0.600	0.542	0.729			

Response time



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