

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\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\NETGEARHomePlugAV\TCP\2 to 3 (Quad)\2to3TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 7:47:39 AM
Run end time	Tuesday, August 09, 2011, 7:48:40 AM
Elapsed time	00:01:01
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

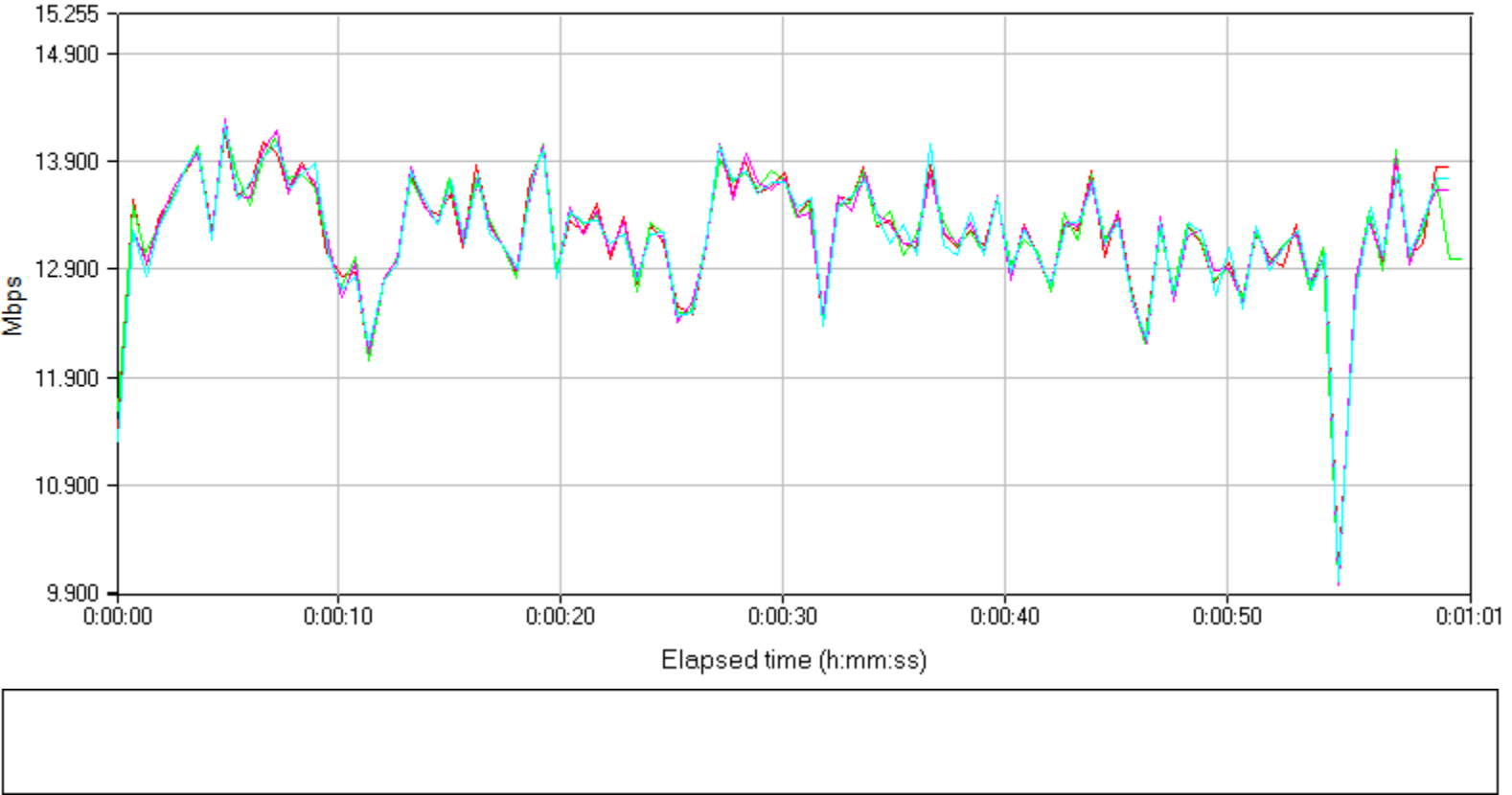
Test Execution (Endpoint 1 to Endpoint 2)

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	52.413	9.975	14.286			
Pair 1	13.203	10.088	14.159	0.127	59.985	0.963
Pair 2	13.205	9.975	14.210	0.126	60.581	0.957
Pair 3	13.201	9.988	14.286	0.130	59.995	0.982
Pair 4	13.198	10.013	14.235	0.130	60.009	0.983
Totals:	52.413	9.975	14.286			

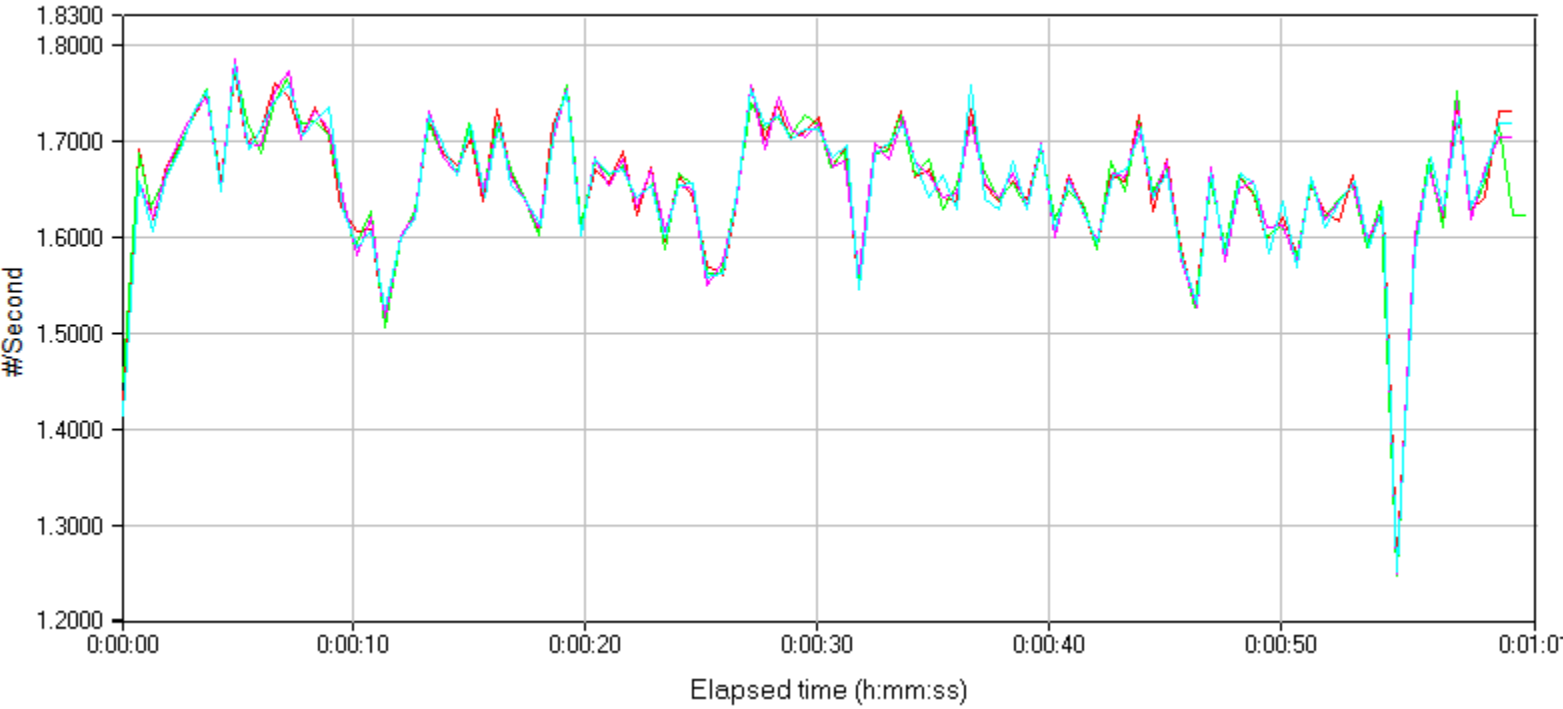
Throughput



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	6.601	1.247	1.786			
Pair 1	1.650	1.261	1.770	0.016	59.985	0.963
Pair 2	1.651	1.247	1.776	0.016	60.581	0.957
Pair 3	1.650	1.248	1.786	0.016	59.995	0.982
Pair 4	1.650	1.252	1.779	0.016	60.009	0.983
Totals:	6.601	1.247	1.786			

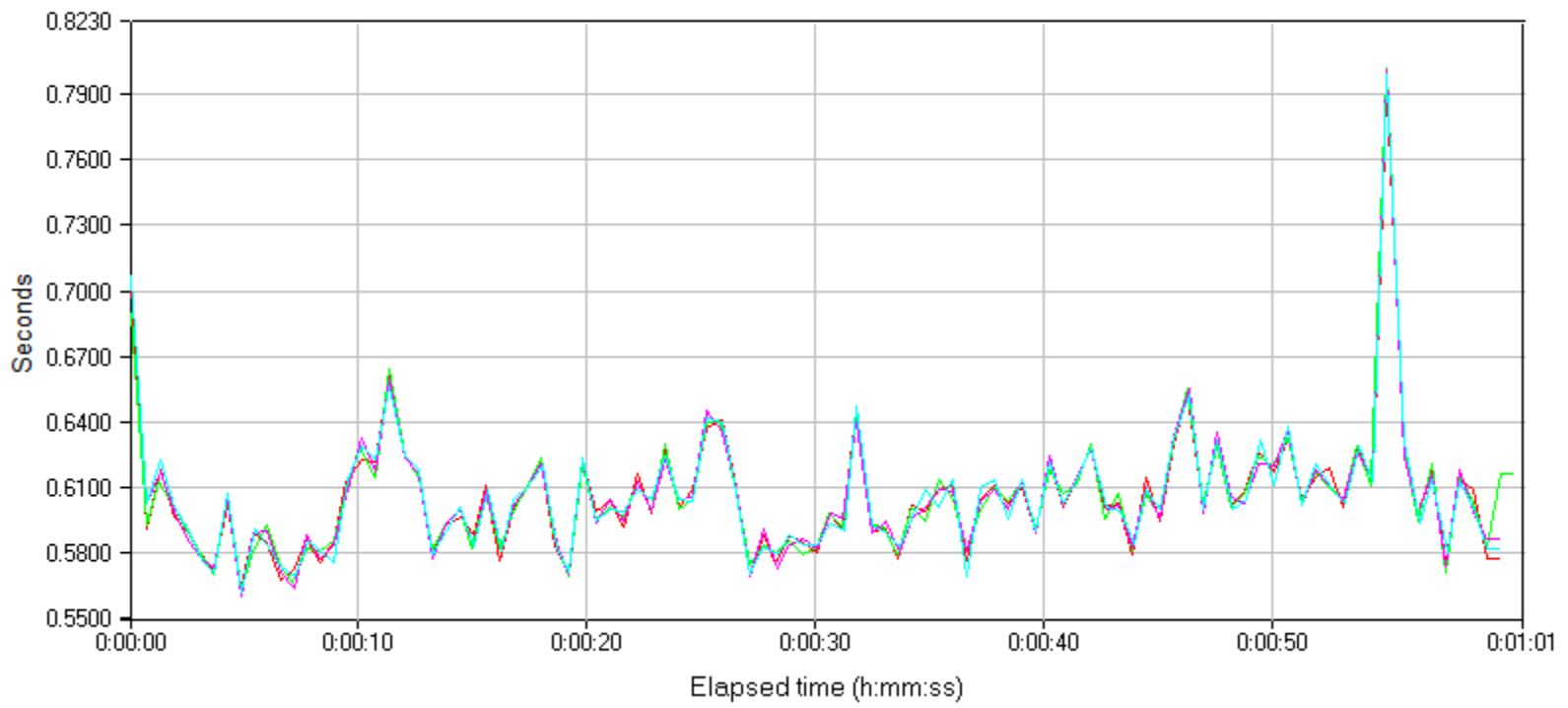
Transaction rate



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	0.606	0.560	0.802			
Pair 1	0.606	0.565	0.793	0.006	59.985	0.963
Pair 2	0.606	0.563	0.802	0.006	60.581	0.957
Pair 3	0.606	0.560	0.801	0.006	59.995	0.982
Pair 4	0.606	0.562	0.799	0.006	60.009	0.983
Totals:	0.606	0.560	0.802			

Response time



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