

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\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\NETGEARHomePlugAV\TCP\2 to 4 (Quad)\2to4TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 8:15:28 AM
Run end time	Tuesday, August 09, 2011, 8:16:24 AM
Elapsed time	00:00:56
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

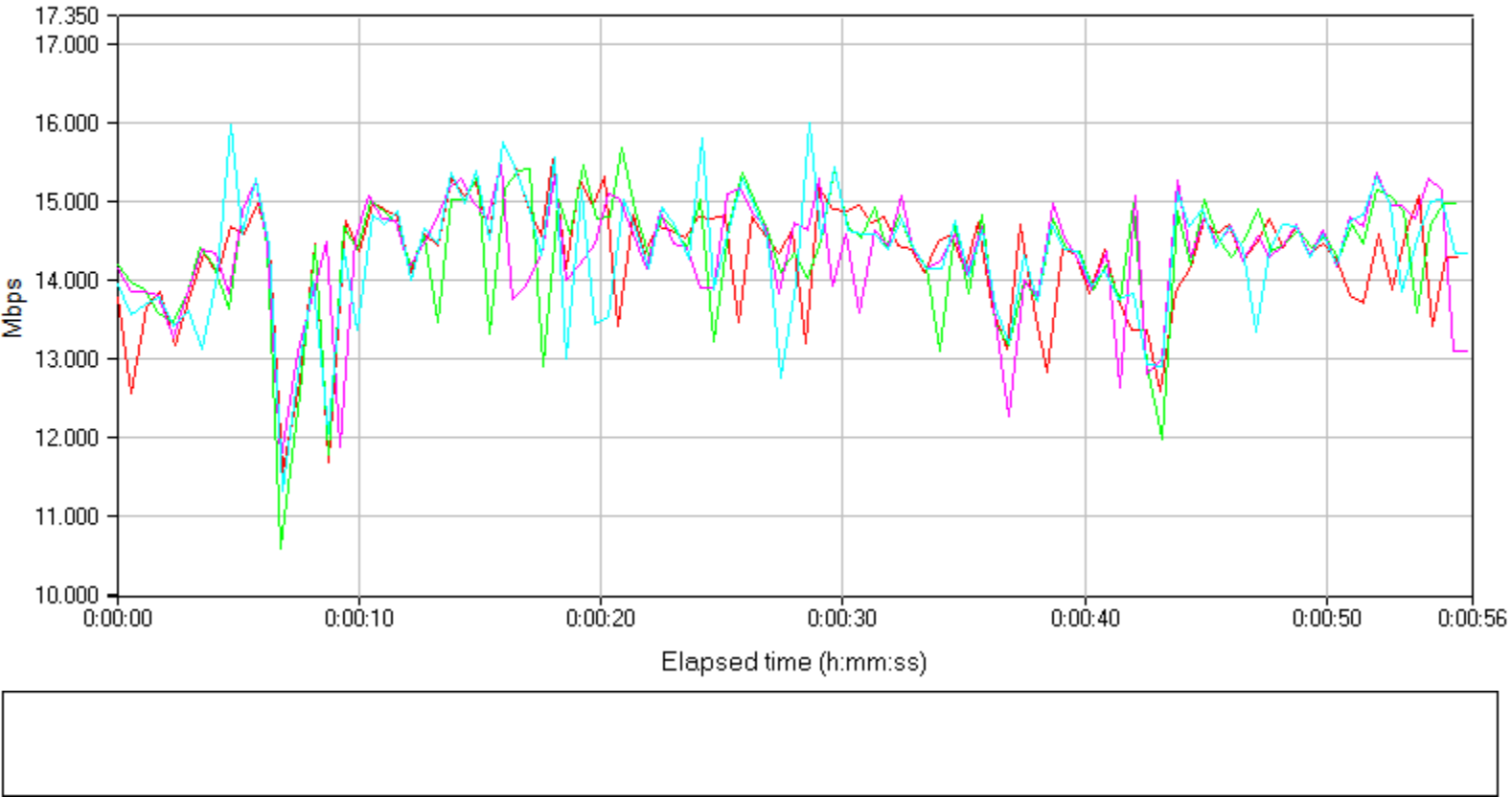
Test Execution (Endpoint 1 to Endpoint 2)

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	56.974	10.596	16.000			
Pair 1	14.272	11.577	15.748	0.162	55.492	1.132
Pair 2	14.304	10.596	15.686	0.183	55.368	1.281
Pair 3	14.318	11.713	15.474	0.155	55.872	1.081
Pair 4	14.317	11.315	16.000	0.167	55.876	1.169
Totals:	56.974	10.596	16.000			

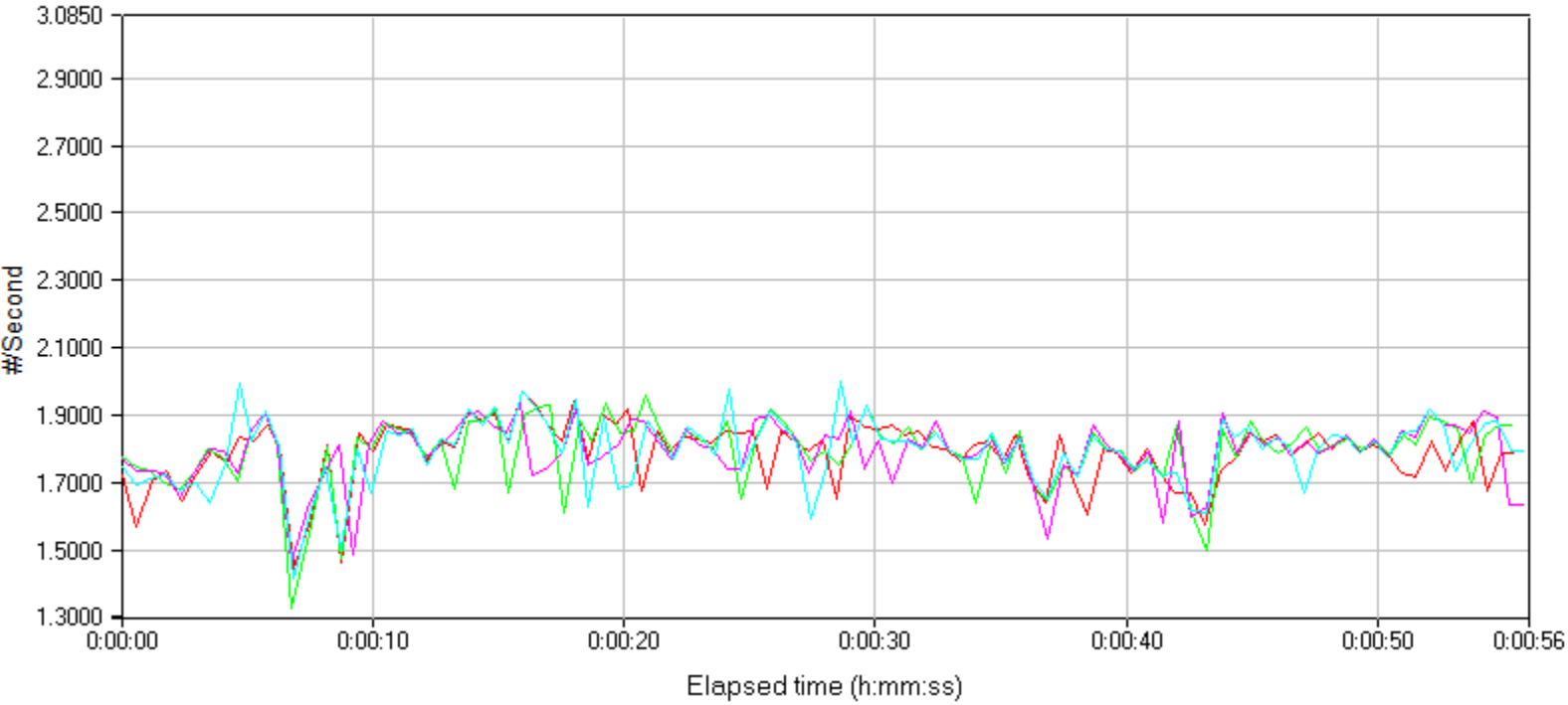
Throughput



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	7.152	1.325	2.000			
Pair 1	1.784	1.447	1.969	0.020	55.492	1.132
Pair 2	1.788	1.325	1.961	0.023	55.368	1.281
Pair 3	1.790	1.464	1.934	0.019	55.872	1.081
Pair 4	1.790	1.414	2.000	0.021	55.876	1.169
Totals:	7.152	1.325	2.000			

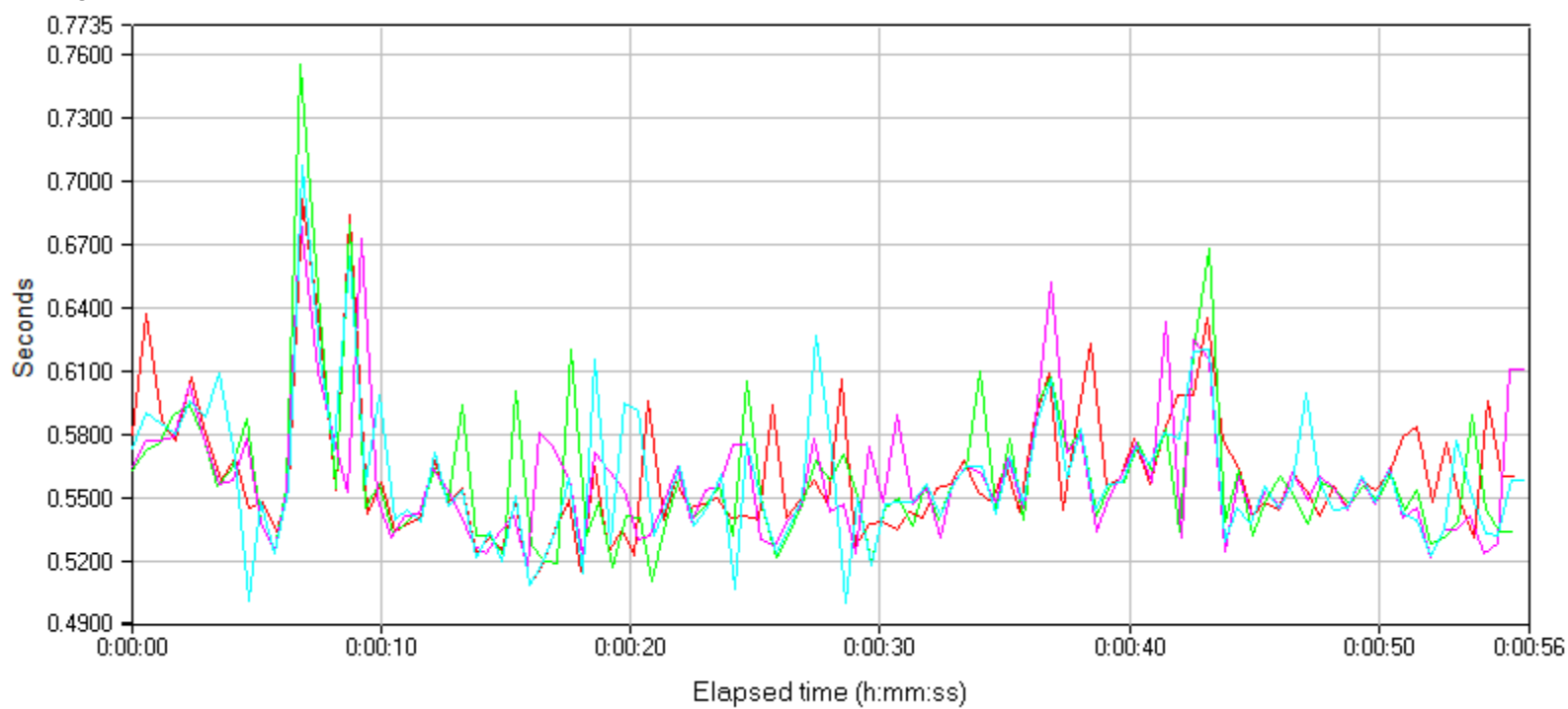
Transaction rate



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	0.559	0.500	0.755			
Pair 1	0.561	0.508	0.691	0.006	55.492	1.132
Pair 2	0.559	0.510	0.755	0.007	55.368	1.281
Pair 3	0.559	0.517	0.683	0.006	55.872	1.081
Pair 4	0.559	0.500	0.707	0.007	55.876	1.169
Totals:	0.559	0.500	0.755			

Response time



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