

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\1 to 4 (Quad)\1to4TCPQuad.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\1 to 4 (Quad)\1to4TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 8:06:00 AM
Run end time	Tuesday, August 09, 2011, 8:07:40 AM
Elapsed time	00:01:40
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

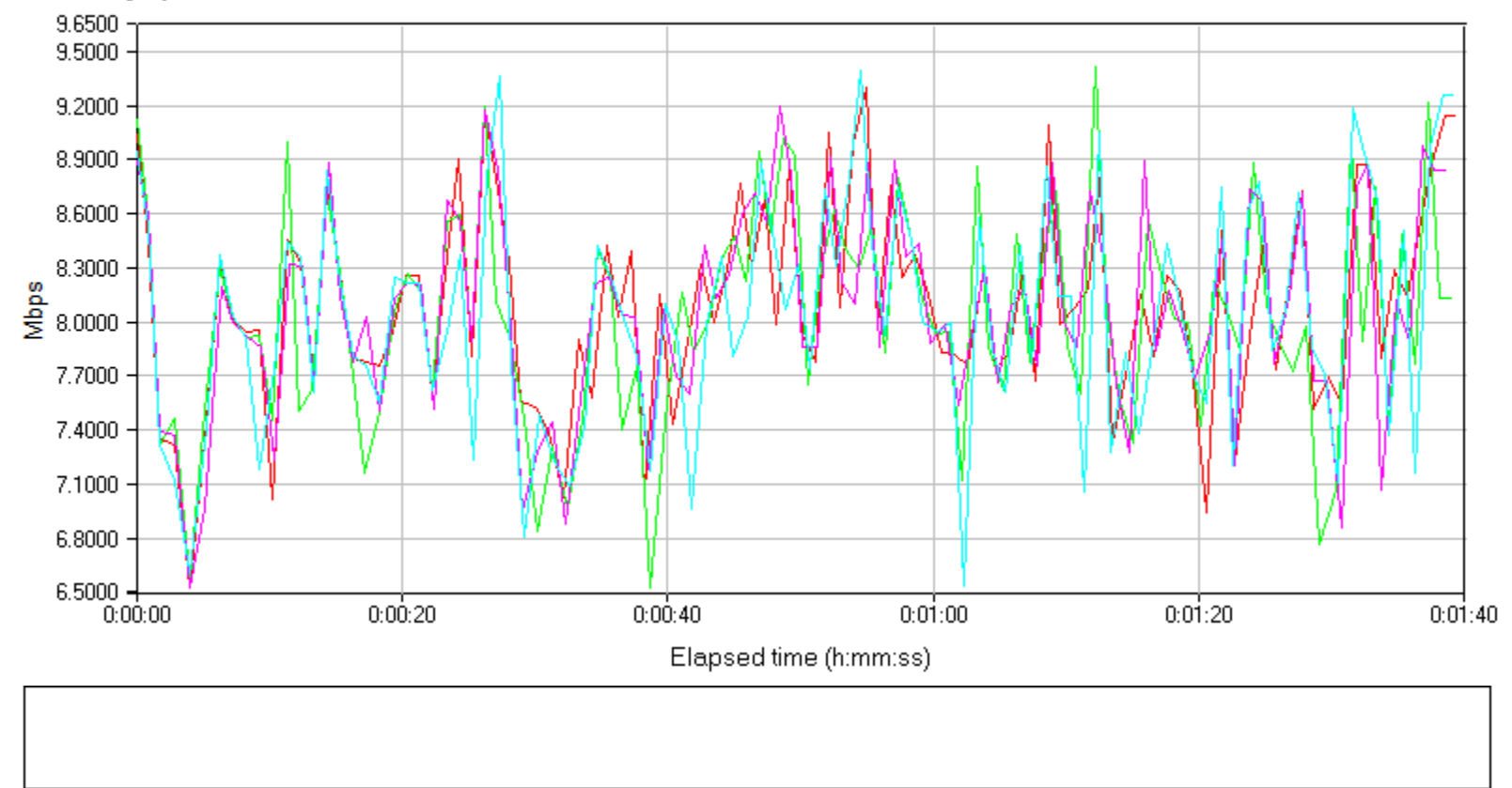
Test Execution (Endpoint 1 to Endpoint 2)

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	31.976	6.525	9.412			
Pair 1	8.056	6.525	9.302	0.111	99.311	1.381
Pair 2	7.990	6.525	9.412	0.122	99.123	1.532
Pair 3	8.032	6.525	9.195	0.117	98.605	1.457
Pair 4	7.986	6.541	9.390	0.127	99.177	1.596
Totals:	31.976	6.525	9.412			

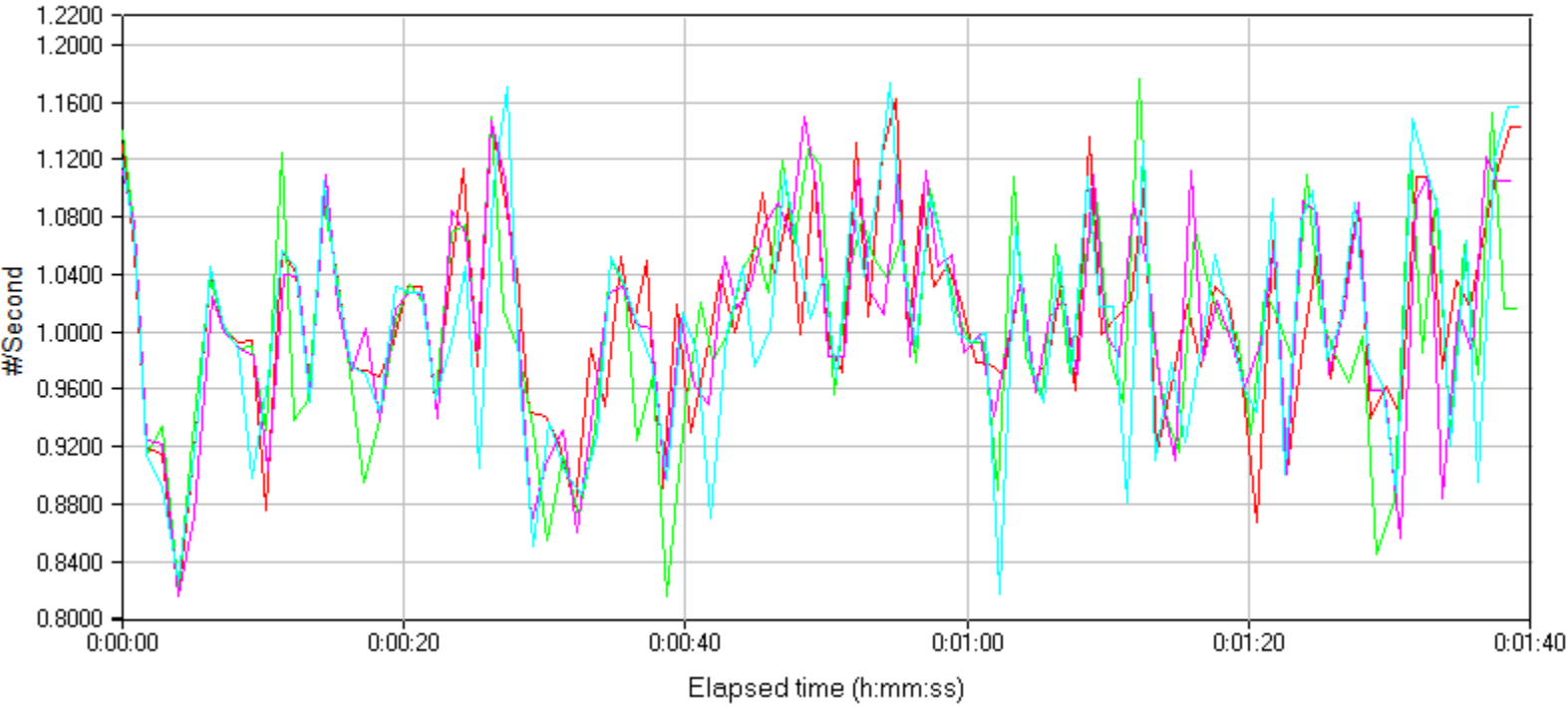
Throughput



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	4.008	0.816	1.176			
Pair 1	1.007	0.816	1.163	0.014	99.311	1.381
Pair 2	0.999	0.816	1.176	0.015	99.123	1.532
Pair 3	1.004	0.816	1.149	0.015	98.605	1.457
Pair 4	0.998	0.818	1.174	0.016	99.177	1.596
Totals:	4.008	0.816	1.176			

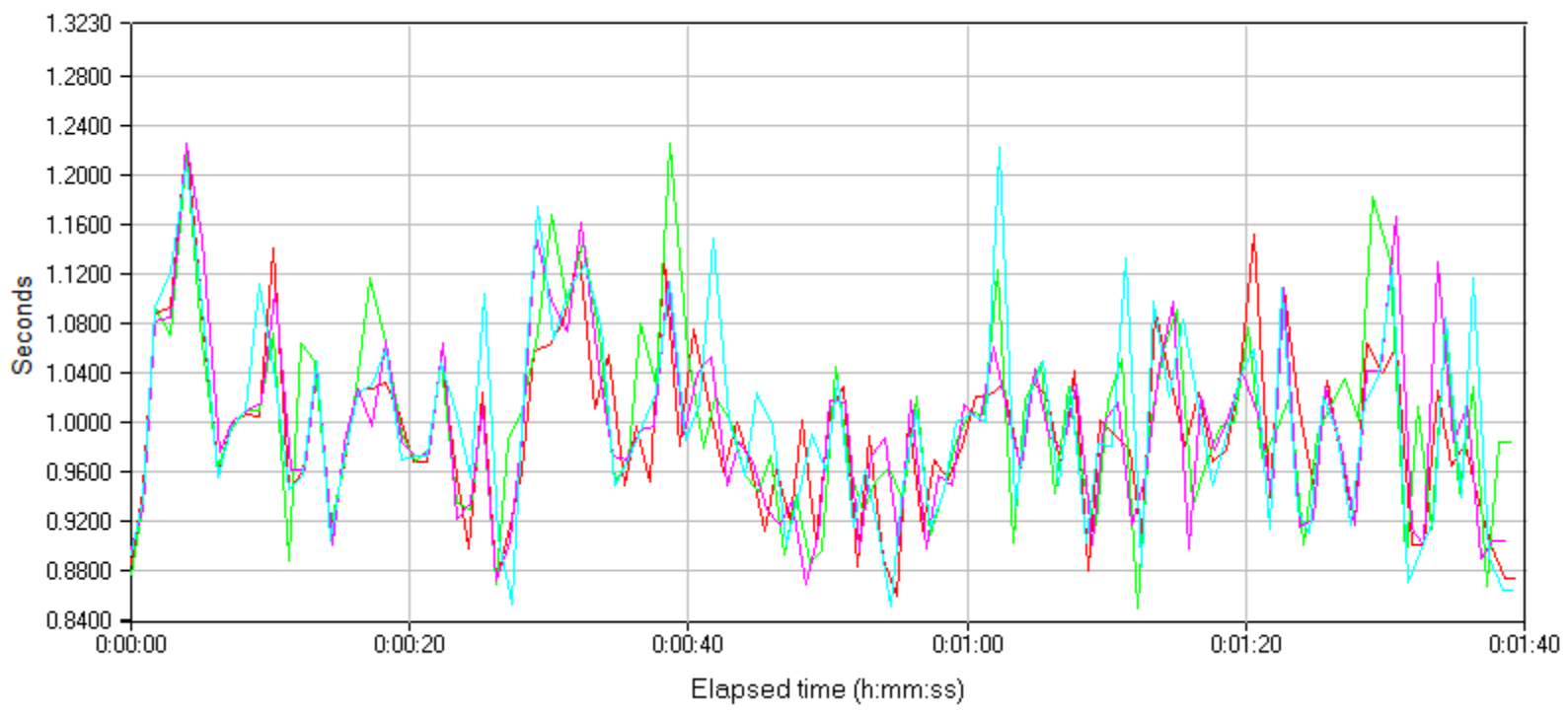
Transaction rate



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	0.998	0.850	1.226			
Pair 1	0.993	0.860	1.226	0.014	99.311	1.381
Pair 2	1.001	0.850	1.226	0.015	99.123	1.532
Pair 3	0.996	0.870	1.226	0.015	98.605	1.457
Pair 4	1.002	0.852	1.223	0.016	99.177	1.596
Totals:	0.998	0.850	1.226			

Response time



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