

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\1 to 2 (Quad)\1to2TCPQuad.tst**

<b>Console version</b>	7.10 SP4
<b>Console build level</b>	207
<b>Console product type</b>	IxChariot Eval
<b>Filename</b>	C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\1 to 2 (Quad)\1to2TCPQuad.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 8:24:54 AM
<b>Run end time</b>	Tuesday, August 09, 2011, 8:26:21 AM
<b>Elapsed time</b>	00:01:27
<b>How the test ended</b>	Ran to completion
<b>Number of pairs</b>	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

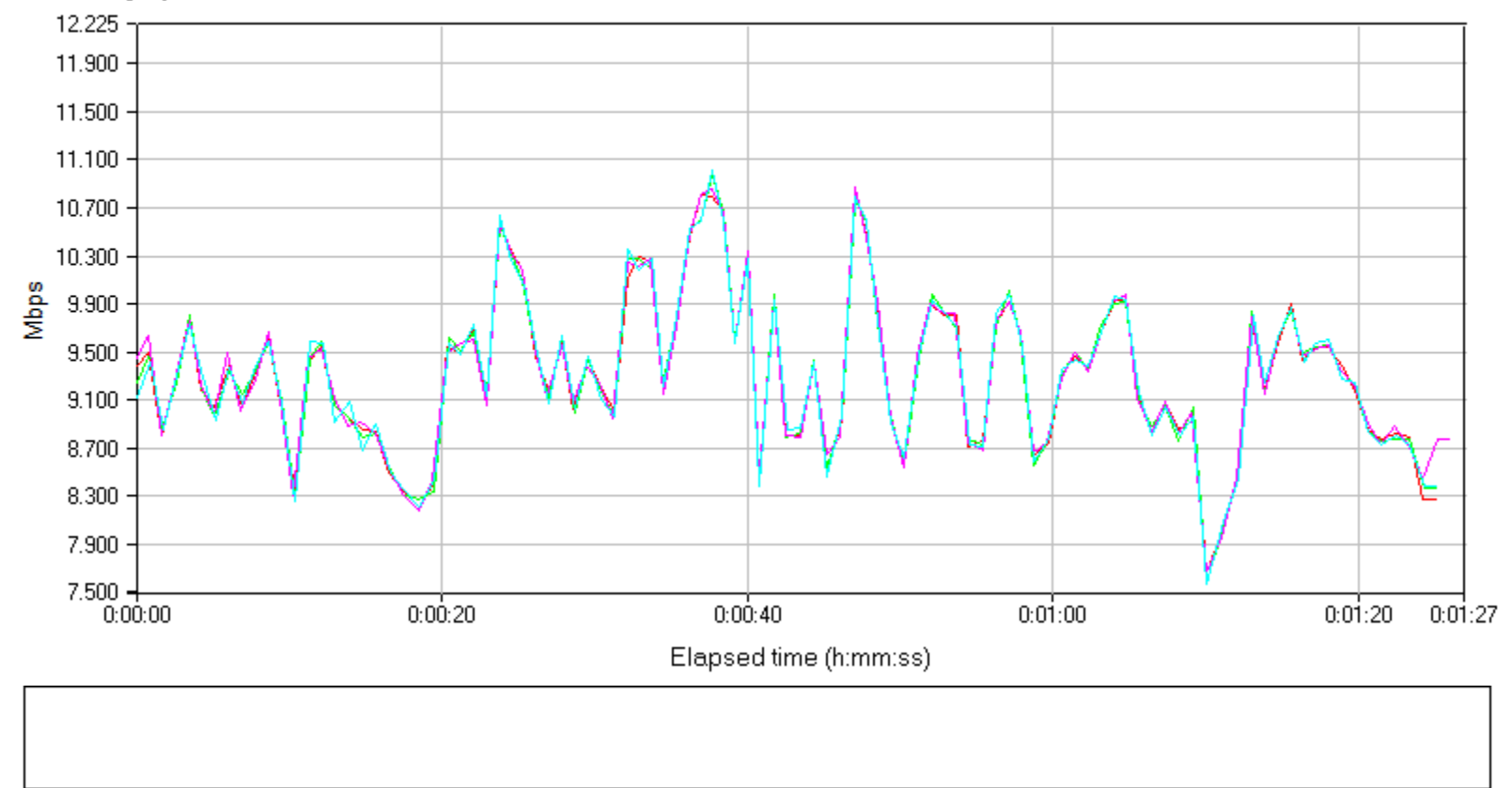
## Test Execution (Endpoint 1 to Endpoint 2)

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	36.881	7.569	11.019			
Pair 1	9.293	7.663	10.870	0.129	85.224	1.386
Pair 2	9.292	7.590	10.959	0.130	85.236	1.396
Pair 3	9.291	7.670	10.870	0.129	86.106	1.385
Pair 4	9.290	7.569	11.019	0.131	85.255	1.406
Totals:	36.881	7.569	11.019			

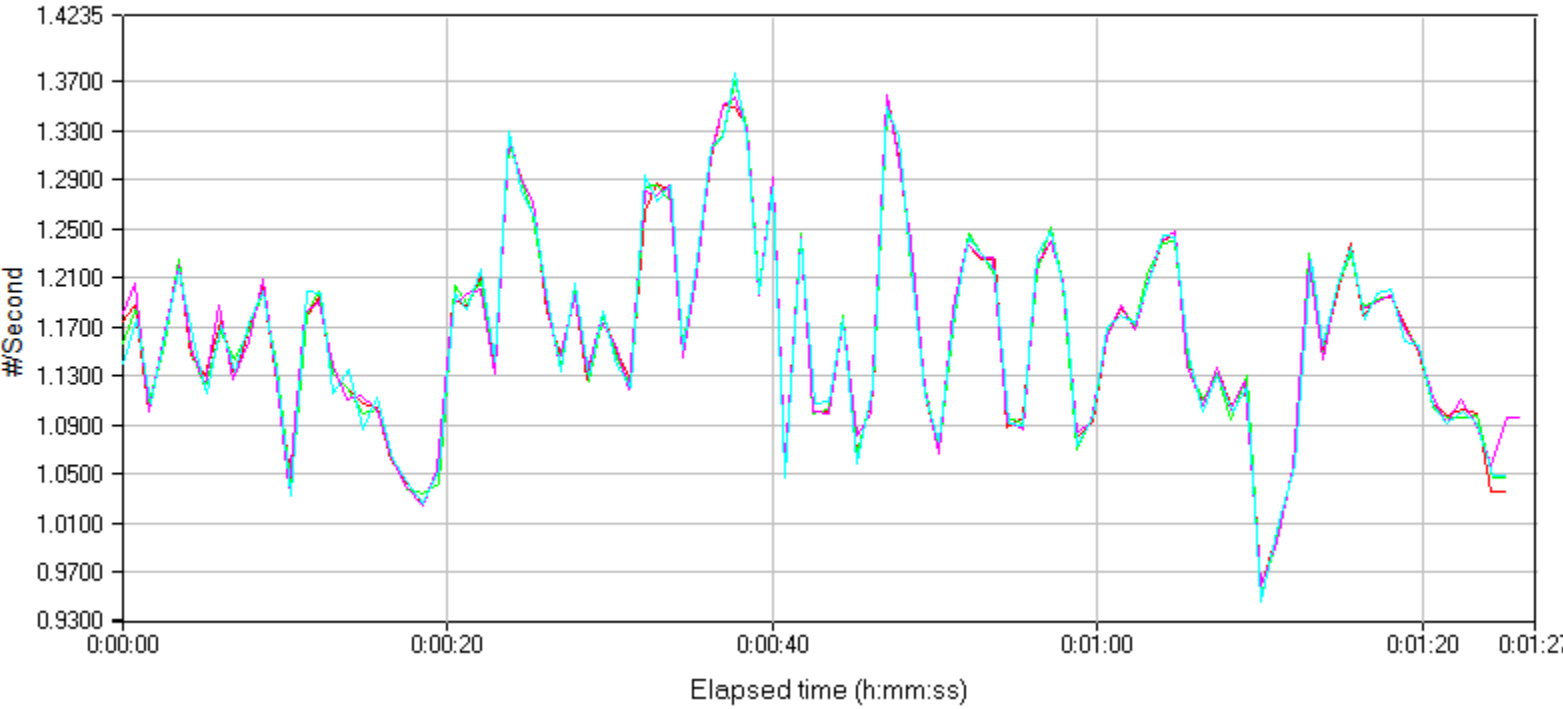
# Throughput



# 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	4.646	0.946	1.377			
Pair 1	1.162	0.958	1.359	0.016	85.224	1.386
Pair 2	1.161	0.949	1.370	0.016	85.236	1.396
Pair 3	1.161	0.959	1.359	0.016	86.106	1.385
Pair 4	1.161	0.946	1.377	0.016	85.255	1.406
Totals:	4.646	0.946	1.377			

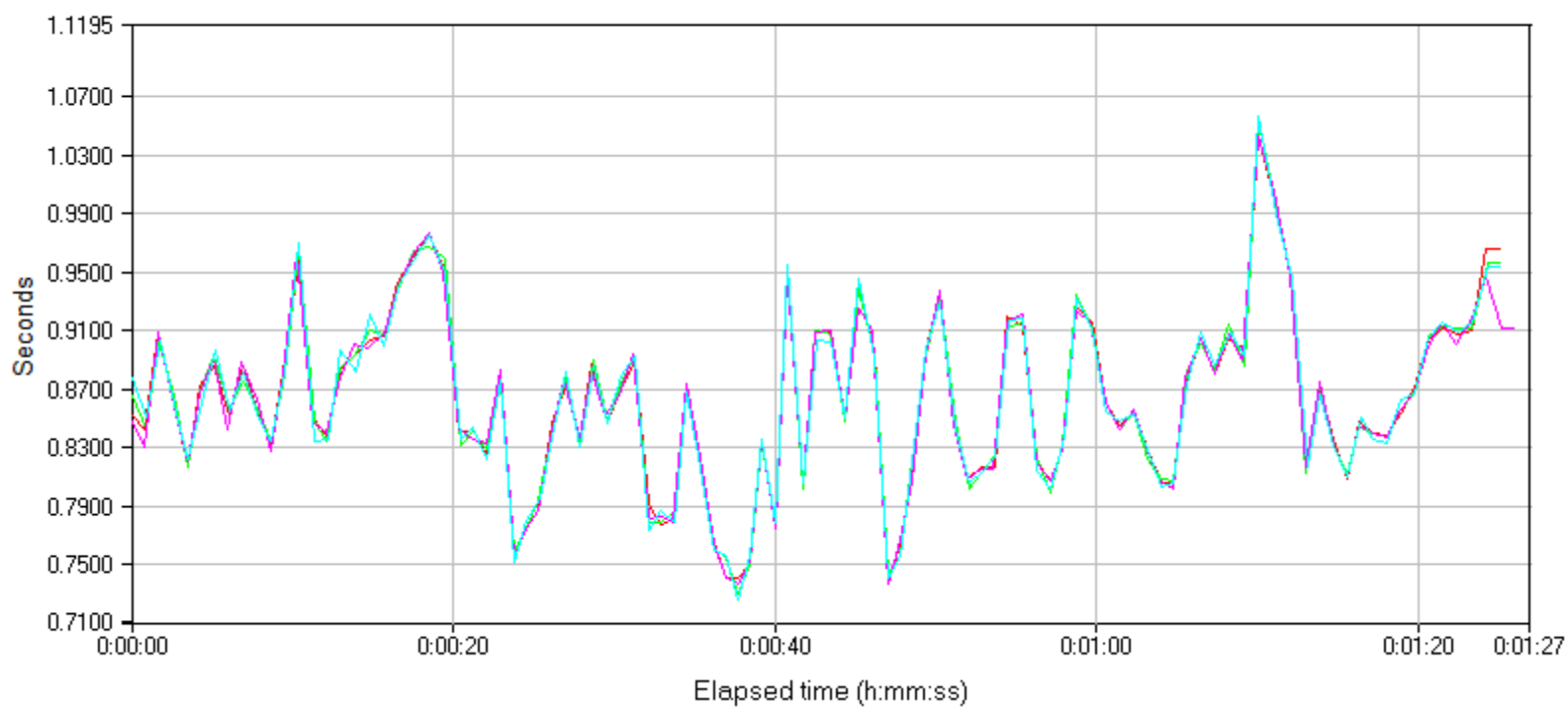
Transaction rate



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	0.861	0.726	1.057			
Pair 1	0.861	0.736	1.044	0.012	85.224	1.386
Pair 2	0.861	0.730	1.054	0.012	85.236	1.396
Pair 3	0.861	0.736	1.043	0.012	86.106	1.385
Pair 4	0.861	0.726	1.057	0.012	85.255	1.406
Totals:	0.861	0.726	1.057			

## Response time



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