

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\1 to 3 (Quad)\1to3TCPQuad.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 3 (Quad)\1to3TCPQuad.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 7:36:19 AM
<b>Run end time</b>	Tuesday, August 09, 2011, 7:37:56 AM
<b>Elapsed time</b>	00:01:37
<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

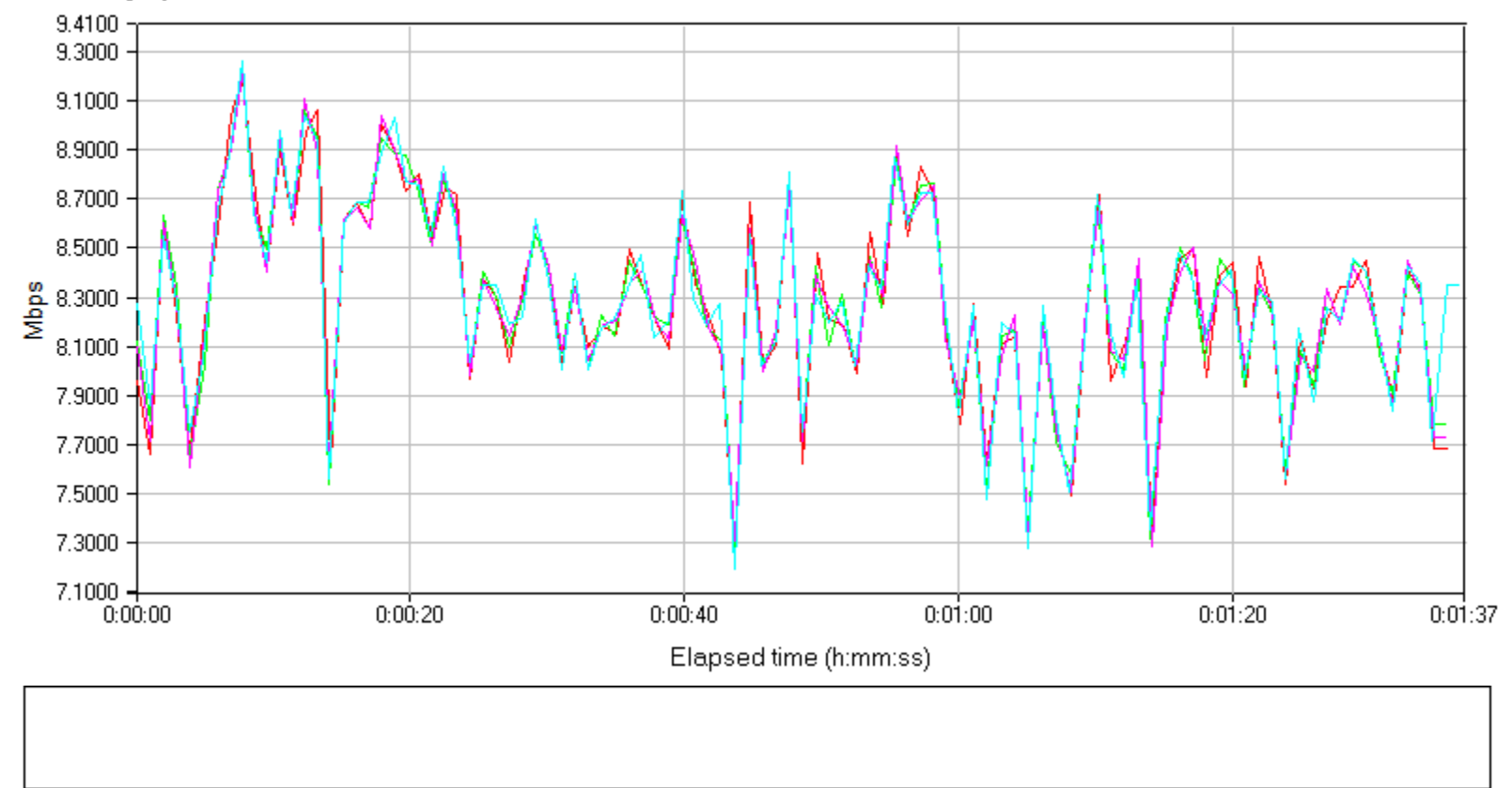
## Test Execution (Endpoint 1 to Endpoint 2)

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	32.857	7.194	9.259			
Pair 1	8.271	7.253	9.195	0.083	95.751	1.003
Pair 2	8.275	7.286	9.227	0.080	95.709	0.972
Pair 3	8.273	7.286	9.217	0.080	95.732	0.971
Pair 4	8.277	7.194	9.259	0.080	96.651	0.972
Totals:	32.857	7.194	9.259			

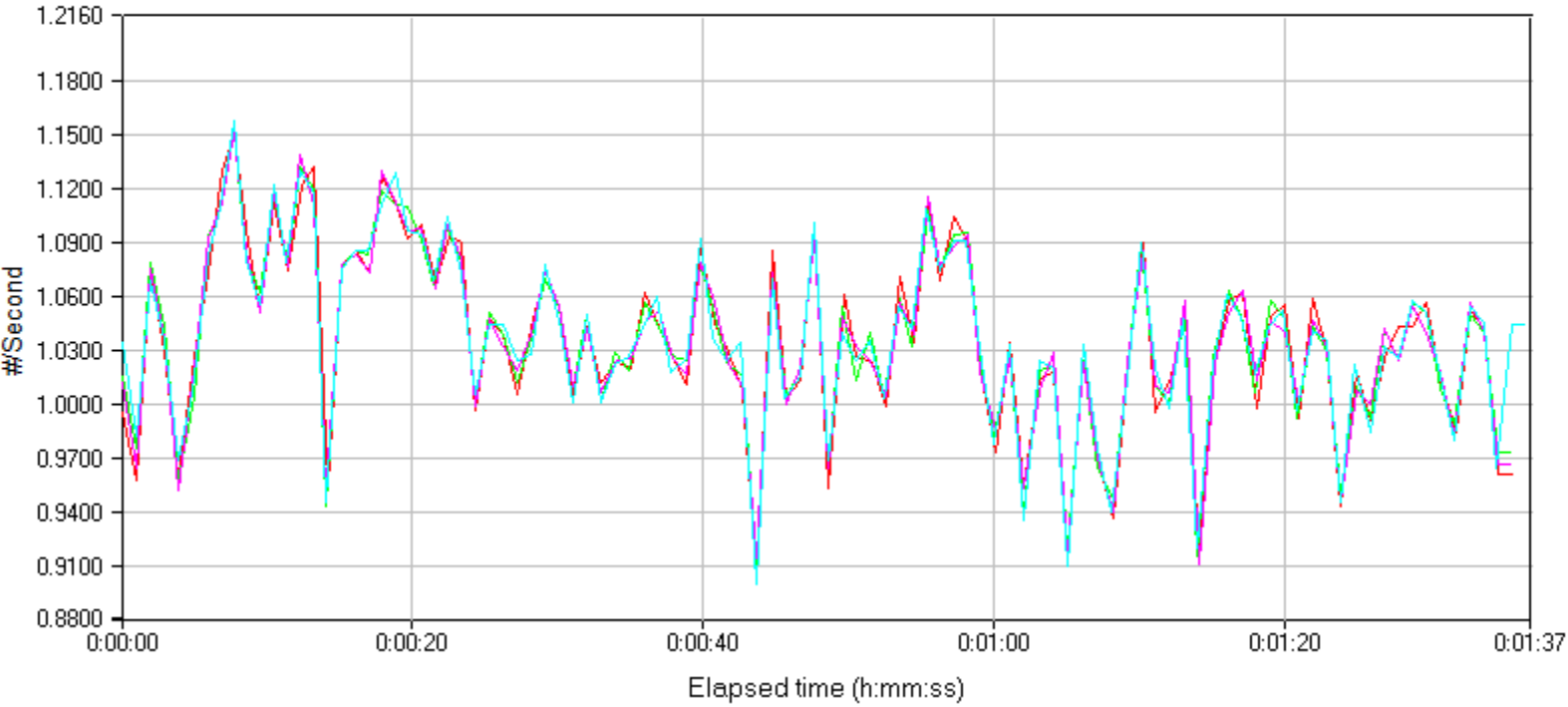
# Throughput



# 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	4.137	0.899	1.157			
Pair 1	1.034	0.907	1.149	0.010	95.751	1.003
Pair 2	1.034	0.911	1.153	0.010	95.709	0.972
Pair 3	1.034	0.911	1.152	0.010	95.732	0.971
Pair 4	1.035	0.899	1.157	0.010	96.651	0.972
Totals:	4.137	0.899	1.157			

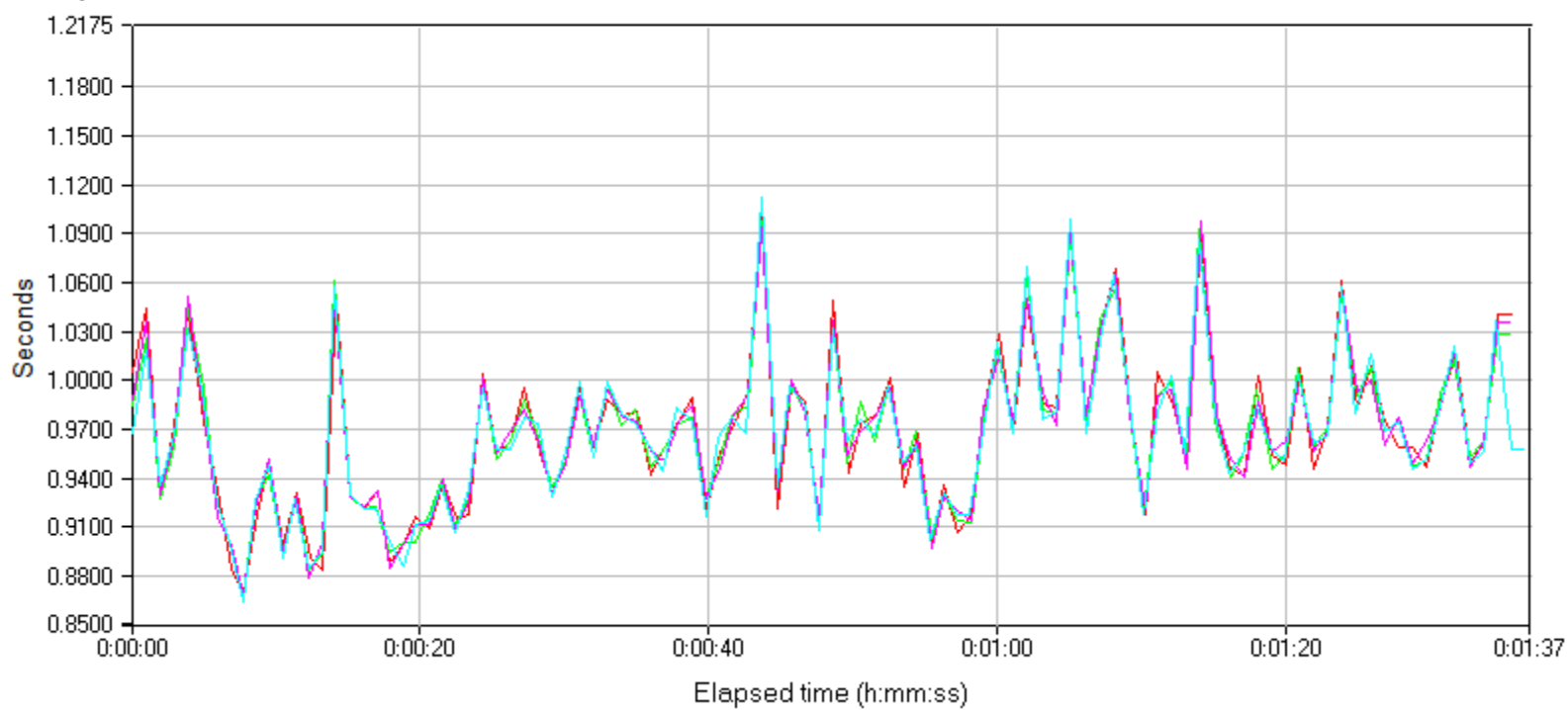
Transaction rate



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	0.967	0.864	1.112			
Pair 1	0.967	0.870	1.103	0.010	95.751	1.003
Pair 2	0.967	0.867	1.098	0.009	95.709	0.972
Pair 3	0.967	0.868	1.098	0.009	95.732	0.971
Pair 4	0.967	0.864	1.112	0.009	96.651	0.972
Totals:	0.967	0.864	1.112			

## Response time



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