

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\4 to 2 (Quad)\4to2TCPQuad.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\4 to 2 (Quad)\4to2TCPQuad.tst
<b>Run start time</b>	Tuesday, August 09, 2011, 8:17:52 AM
<b>Run end time</b>	Tuesday, August 09, 2011, 8:18:49 AM
<b>Elapsed time</b>	00:00:57
<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

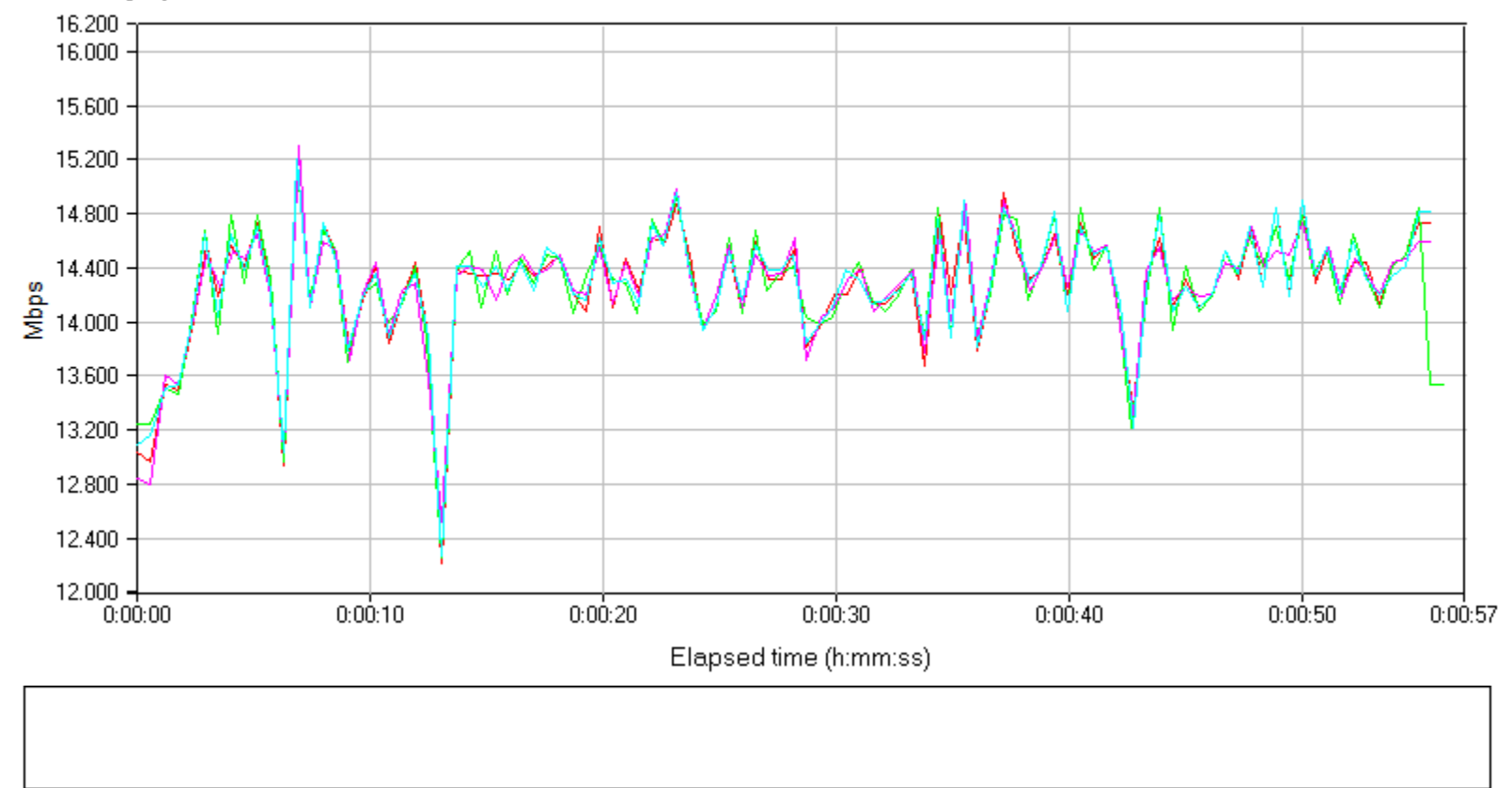
## Test Execution (Endpoint 1 to Endpoint 2)

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	56.584	12.214	15.296			
Pair 1	14.256	12.214	15.209	0.094	55.554	0.659
Pair 2	14.255	12.251	15.180	0.093	56.120	0.652
Pair 3	14.254	12.520	15.296	0.091	55.565	0.641
Pair 4	14.261	12.270	15.209	0.092	55.537	0.645
Totals:	56.584	12.214	15.296			

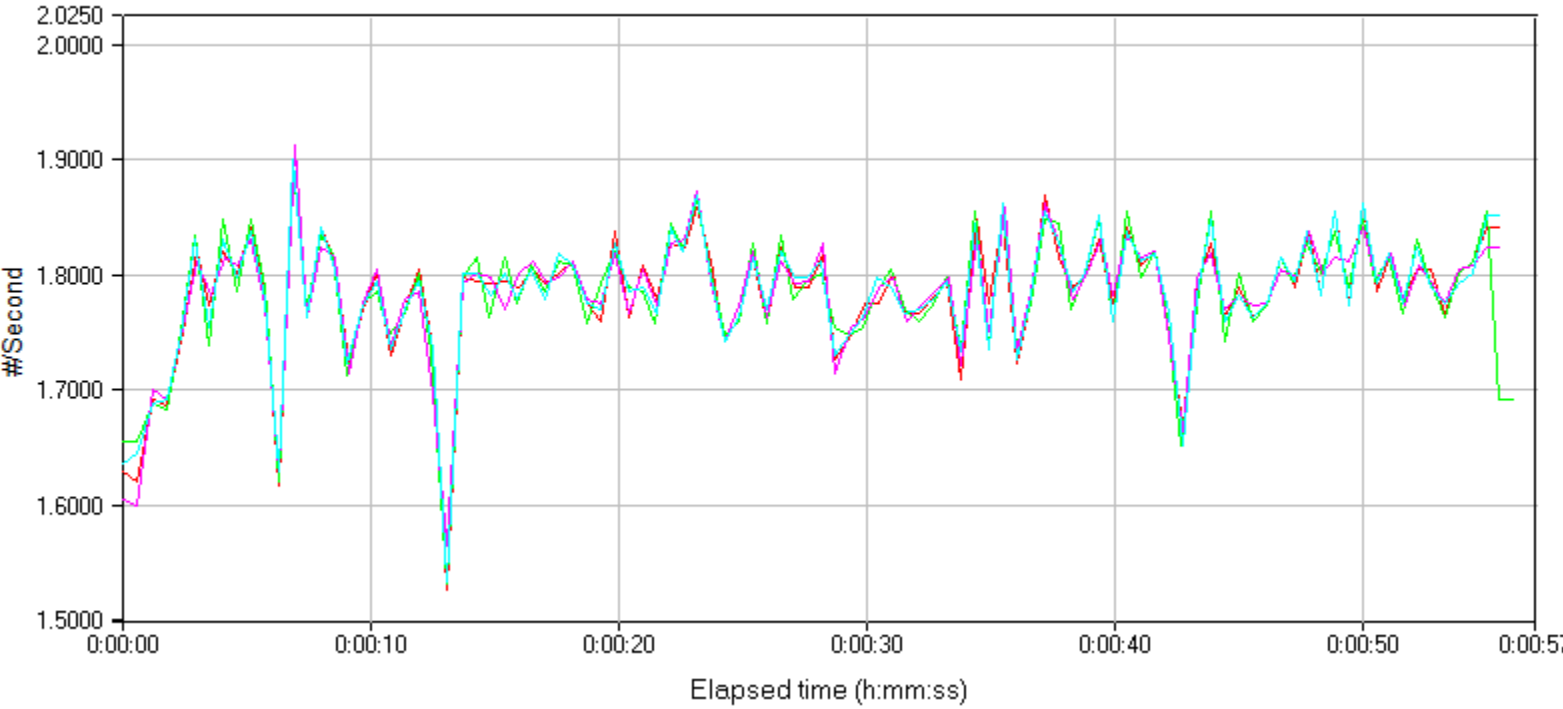
# Throughput



# 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	7.128	1.527	1.912			
Pair 1	1.782	1.527	1.901	0.012	55.554	0.659
Pair 2	1.782	1.531	1.898	0.012	56.120	0.652
Pair 3	1.782	1.565	1.912	0.011	55.565	0.641
Pair 4	1.783	1.534	1.901	0.012	55.537	0.645
Totals:	7.128	1.527	1.912			

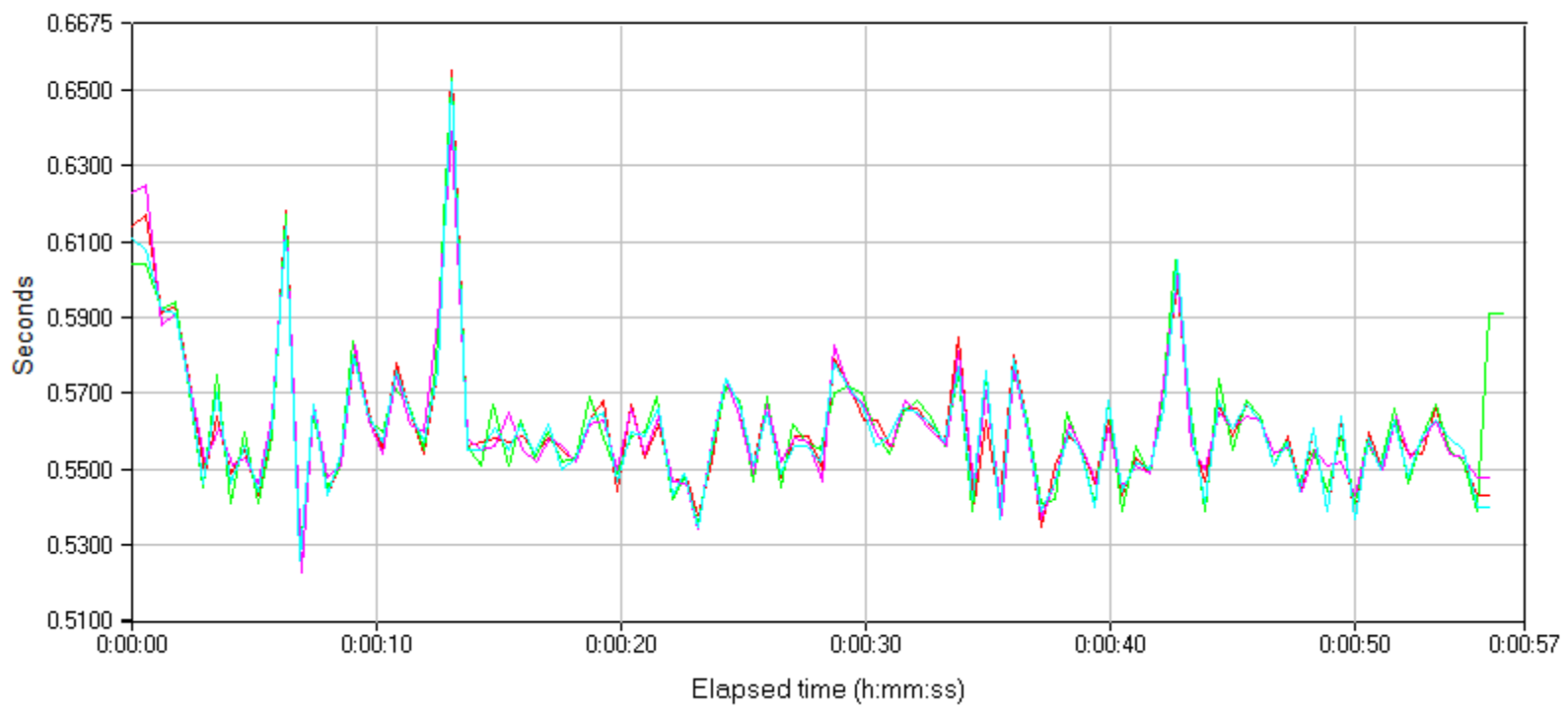
Transaction rate



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	0.561	0.523	0.655			
Pair 1	0.561	0.526	0.655	0.004	55.554	0.659
Pair 2	0.561	0.527	0.653	0.004	56.120	0.652
Pair 3	0.561	0.523	0.639	0.004	55.565	0.641
Pair 4	0.561	0.526	0.652	0.004	55.537	0.645
Totals:	0.561	0.523	0.655			

## Response time



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