

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\4 to 1 (Quad)\4to1TCPQuad.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\4 to 1 (Quad)\4to1TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 8:08:33 AM
Run end time	Tuesday, August 09, 2011, 8:10:00 AM
Elapsed time	00:01:27
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

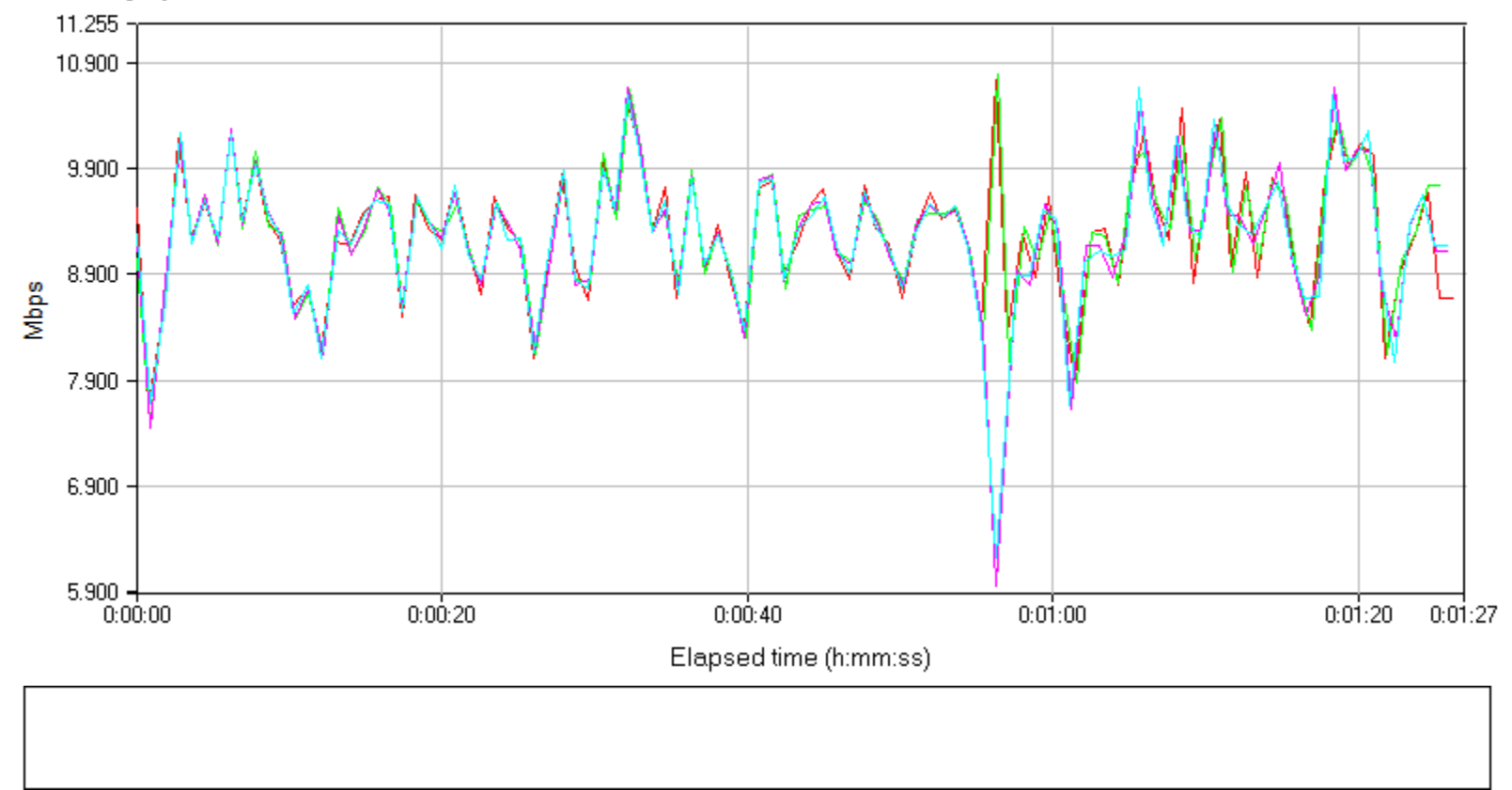
Test Execution (Endpoint 1 to Endpoint 2)

Group/ Pair	Endpoint 1	Endpoint 2	Network Protocol	Endpoint 1 Service Quality	Endpoint 2 Service Quality	Script/Stream Name
All Pairs						
Pair 1	10.0.1.140	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	36.795	5.970	10.782			
Pair 1	9.269	7.641	10.738	0.122	86.305	1.319
Pair 2	9.269	7.484	10.782	0.124	85.448	1.335
Pair 3	9.213	5.970	10.652	0.155	85.965	1.679
Pair 4	9.222	6.231	10.667	0.146	85.886	1.587
Totals:	36.795	5.970	10.782			

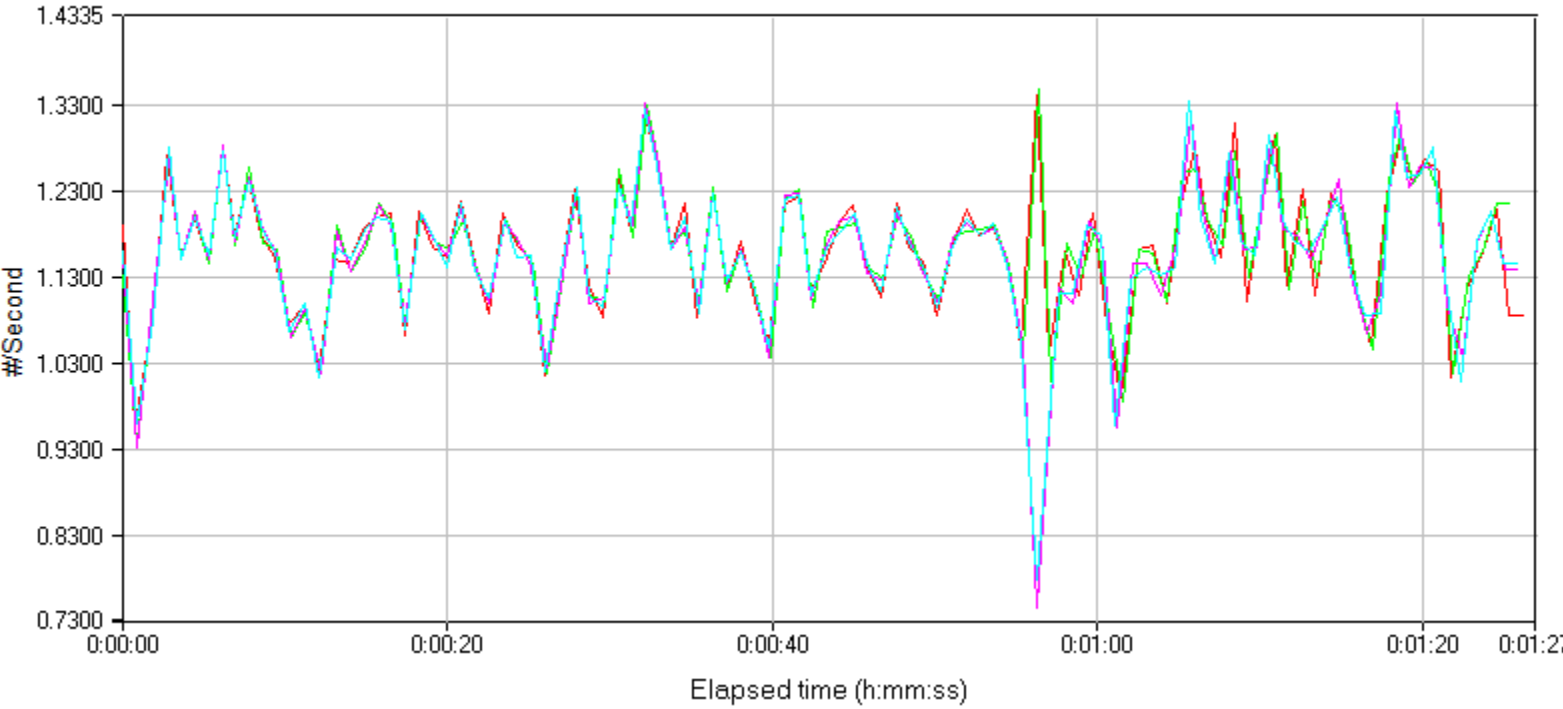
Throughput



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	4.622	0.746	1.348			
Pair 1	1.159	0.955	1.342	0.015	86.305	1.319
Pair 2	1.159	0.935	1.348	0.015	85.448	1.335
Pair 3	1.152	0.746	1.332	0.019	85.965	1.679
Pair 4	1.153	0.779	1.333	0.018	85.886	1.587
Totals:	4.622	0.746	1.348			

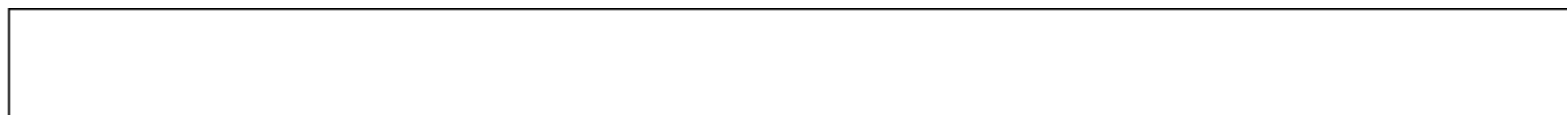
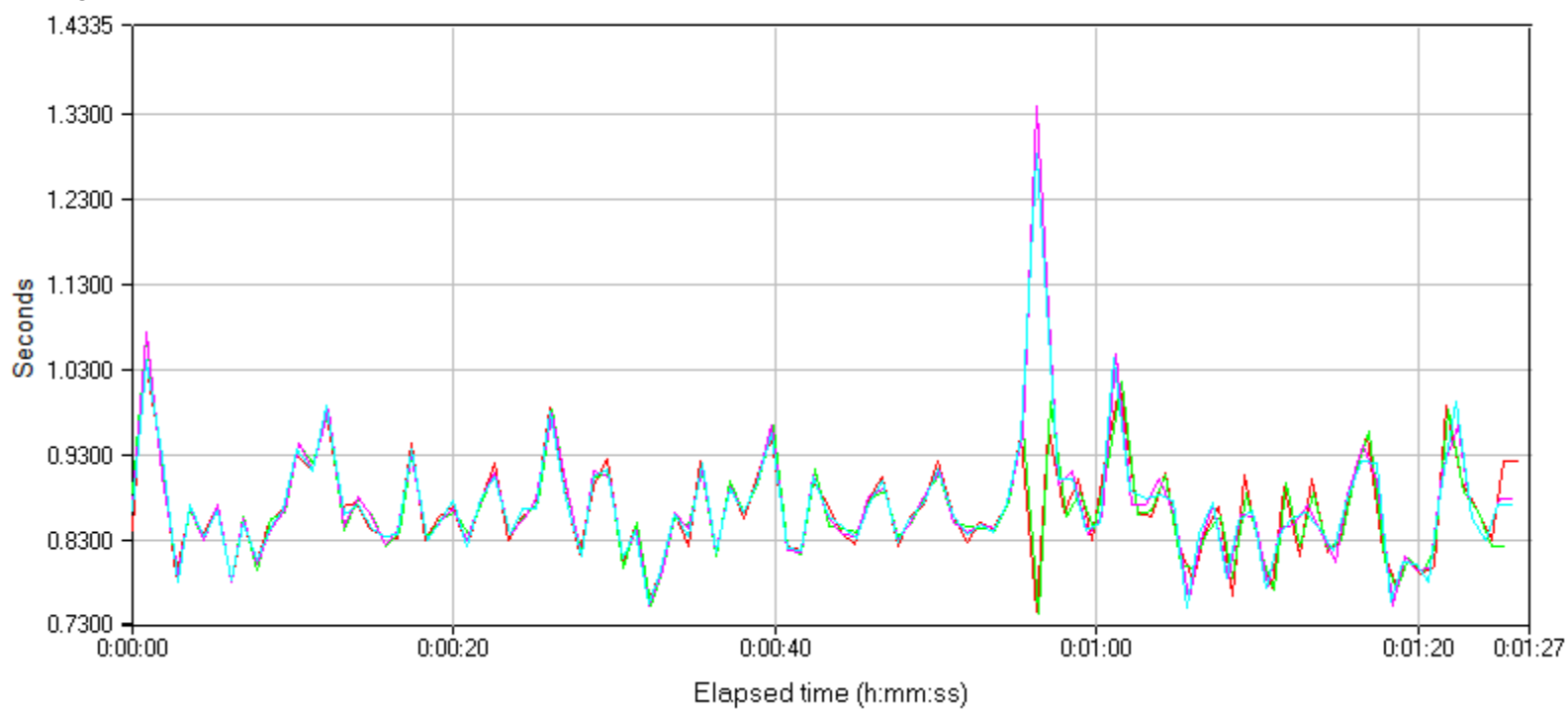
Transaction rate



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	0.866	0.742	1.340			
Pair 1	0.863	0.745	1.047	0.011	86.305	1.319
Pair 2	0.863	0.742	1.069	0.012	85.448	1.335
Pair 3	0.868	0.751	1.340	0.015	85.965	1.679
Pair 4	0.868	0.750	1.284	0.014	85.886	1.587
Totals:	0.866	0.742	1.340			

Response time



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