

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\4 to 3 (Quad)\4to3TCPQuad.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\SigmaDesignsHomePlugAV\TCP\4 to 3 (Quad)\4to3TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:35:04 PM
Run end time	Tuesday, August 09, 2011, 6:36:07 PM
Elapsed time	00:01:03
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

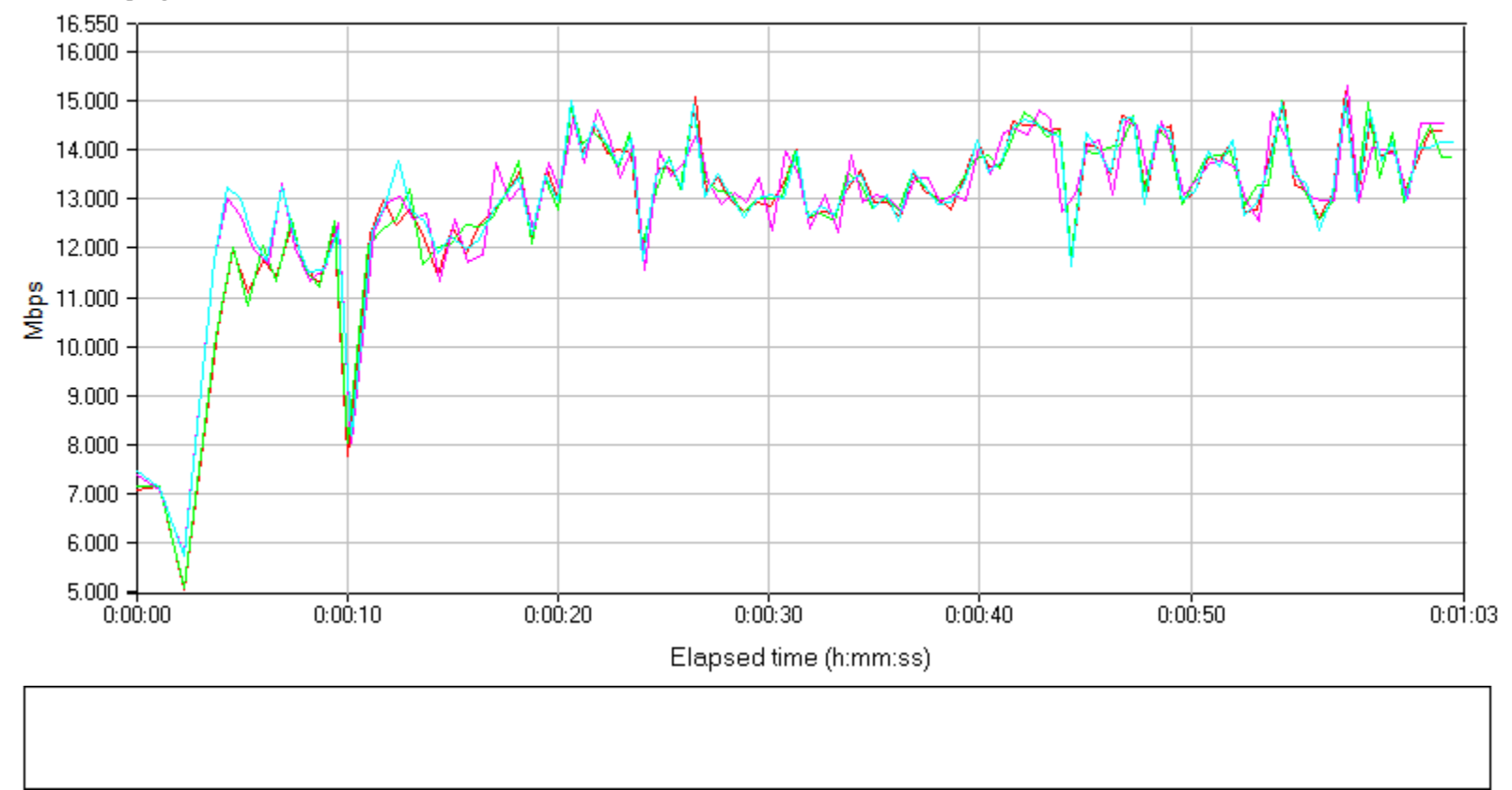
Test Execution (Endpoint 1 to Endpoint 2)

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	50.695	5.041	15.296			
Pair 1	12.662	5.041	15.209	0.550	61.917	4.343
Pair 2	12.682	5.096	15.009	0.537	62.449	4.231
Pair 3	12.785	5.789	15.296	0.483	61.949	3.778
Pair 4	12.815	5.735	15.038	0.479	62.426	3.737
Totals:	50.695	5.041	15.296			

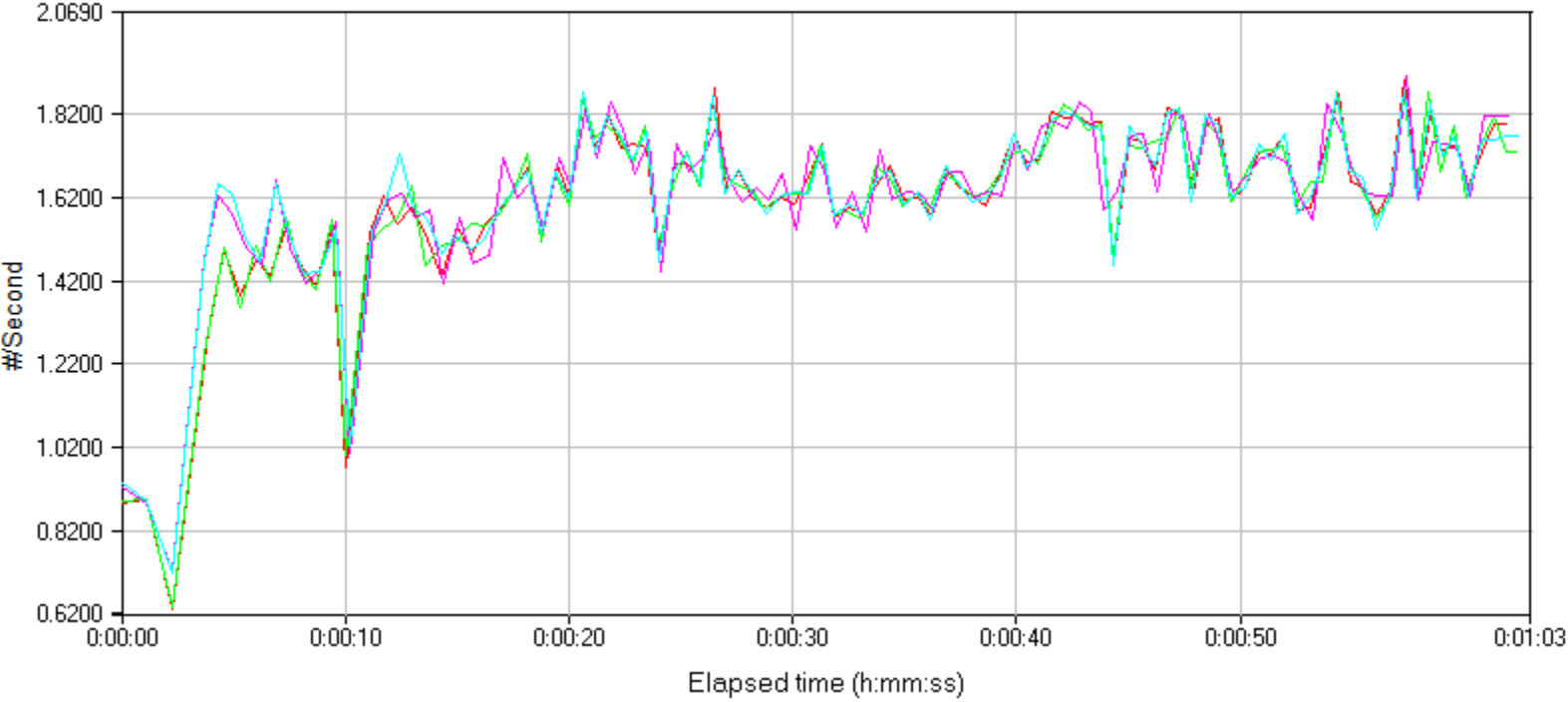
Throughput



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	6.368	0.630	1.912			
Pair 1	1.583	0.630	1.901	0.069	61.917	4.343
Pair 2	1.585	0.637	1.876	0.067	62.449	4.231
Pair 3	1.598	0.724	1.912	0.060	61.949	3.778
Pair 4	1.602	0.717	1.880	0.060	62.426	3.737
Totals:	6.368	0.630	1.912			

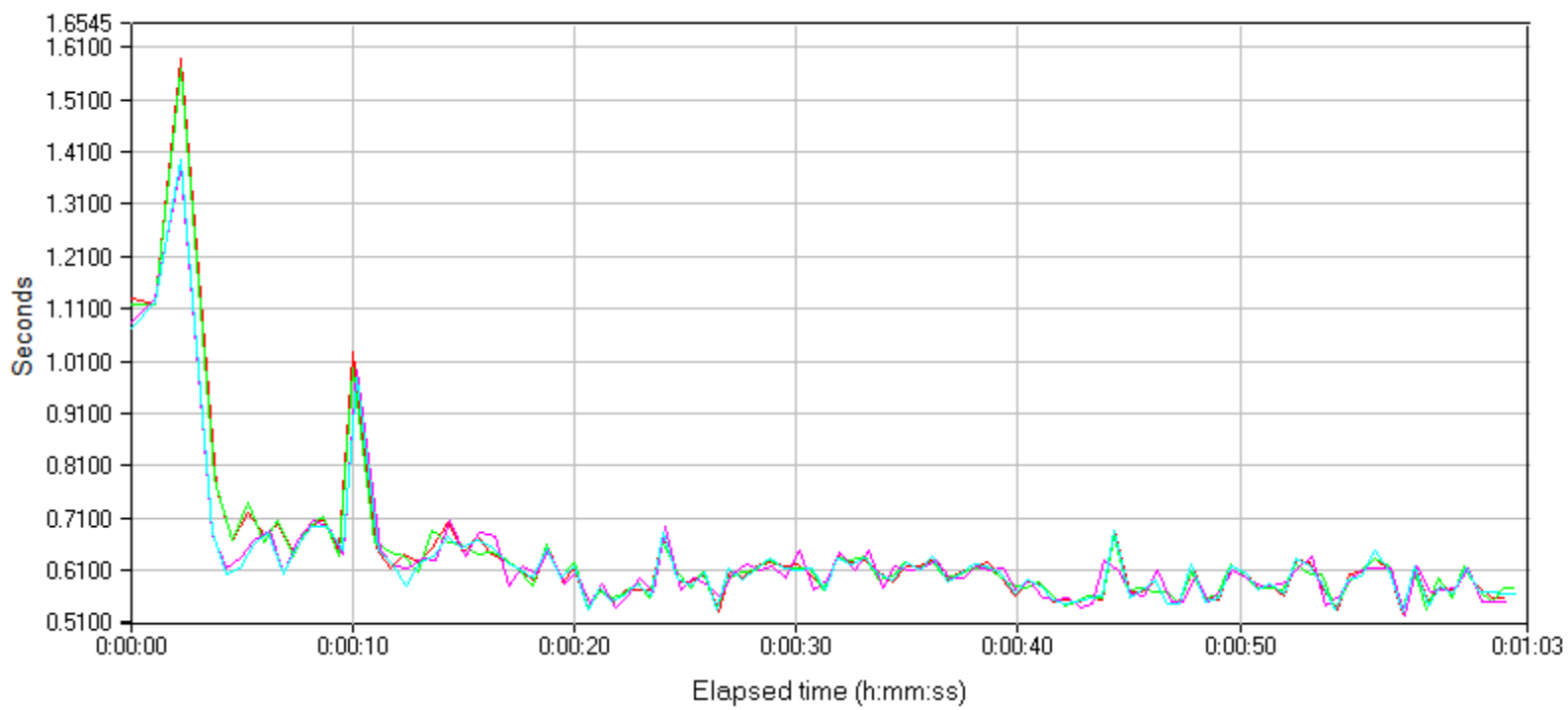
Transaction rate



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	0.628	0.523	1.587			
Pair 1	0.632	0.526	1.587	0.027	61.917	4.343
Pair 2	0.631	0.533	1.570	0.027	62.449	4.231
Pair 3	0.626	0.523	1.382	0.024	61.949	3.778
Pair 4	0.624	0.532	1.395	0.023	62.426	3.737
Totals:	0.628	0.523	1.587			

Response time



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