

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\2 to 4 (Quad)\2to4TCPQuad.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\NETGEAR1901\TCP\2 to 4 (Quad)\2to4TCPQuad.tst
Run start time	Monday, August 08, 2011, 8:21:42 PM
Run end time	Monday, August 08, 2011, 8:22:58 PM
Elapsed time	00:01:16
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

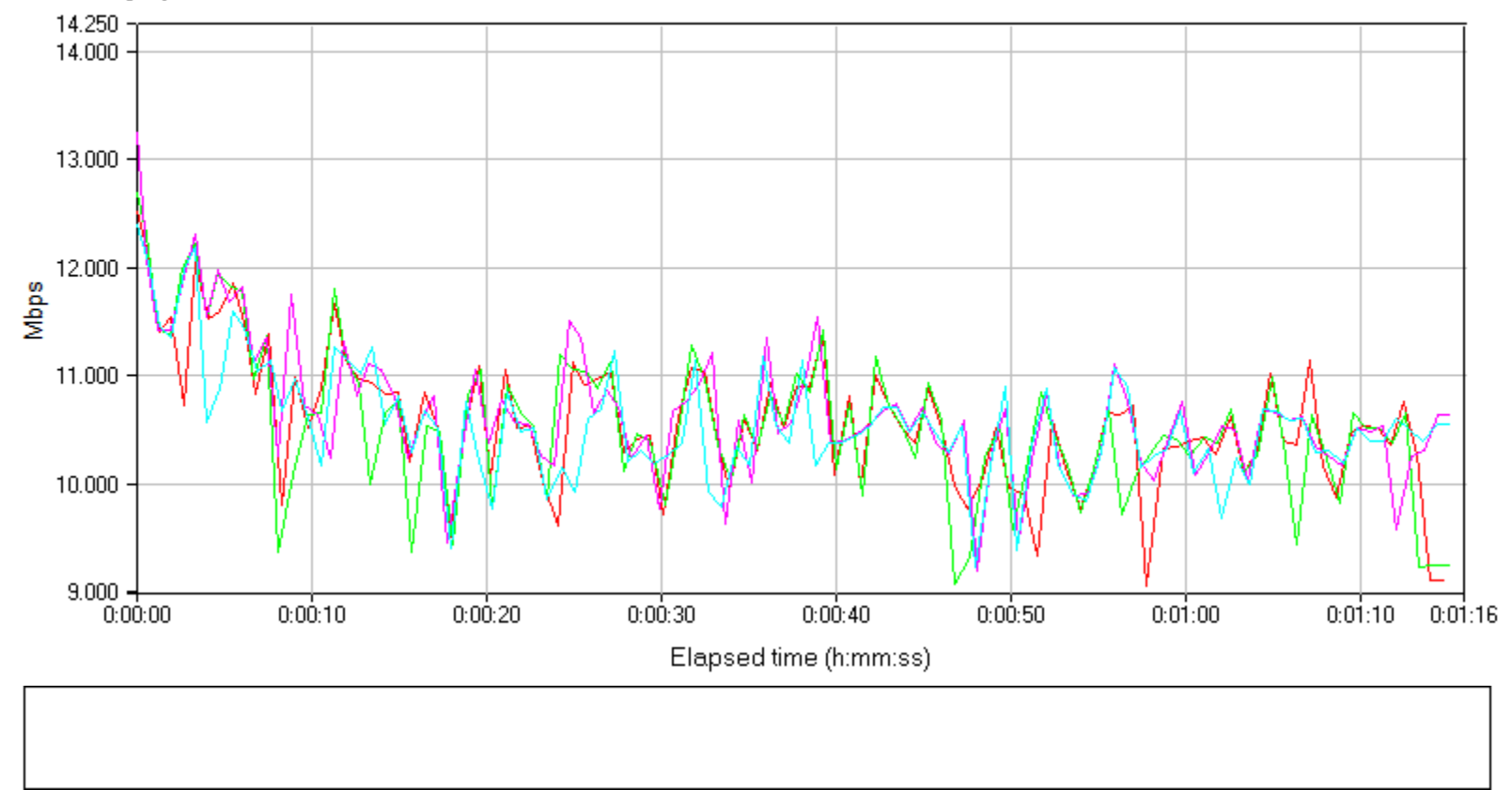
Test Execution (Endpoint 1 to Endpoint 2)

Group/ Pair	Endpoint 1	Endpoint 2	Network Protocol	Endpoint 1 Service Quality	Endpoint 2 Service Quality	Script/Stream Name
All Pairs						
Pair 1	10.0.1.141	10.0.1.140	TCP			Throughput_10x.scr
Pair 2	10.0.1.141	10.0.1.140	TCP			Throughput_10x.scr
Pair 3	10.0.1.141	10.0.1.140	TCP			Throughput_10x.scr
Pair 4	10.0.1.141	10.0.1.140	TCP			Throughput_10x.scr

Throughput

Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	42.231	9.060	13.245			
Pair 1	10.572	9.060	12.520	0.122	74.917	1.154
Pair 2	10.541	9.081	12.698	0.138	75.138	1.305
Pair 3	10.638	9.195	13.245	0.120	75.199	1.132
Pair 4	10.539	9.238	12.403	0.108	75.151	1.024
Totals:	42.231	9.060	13.245			

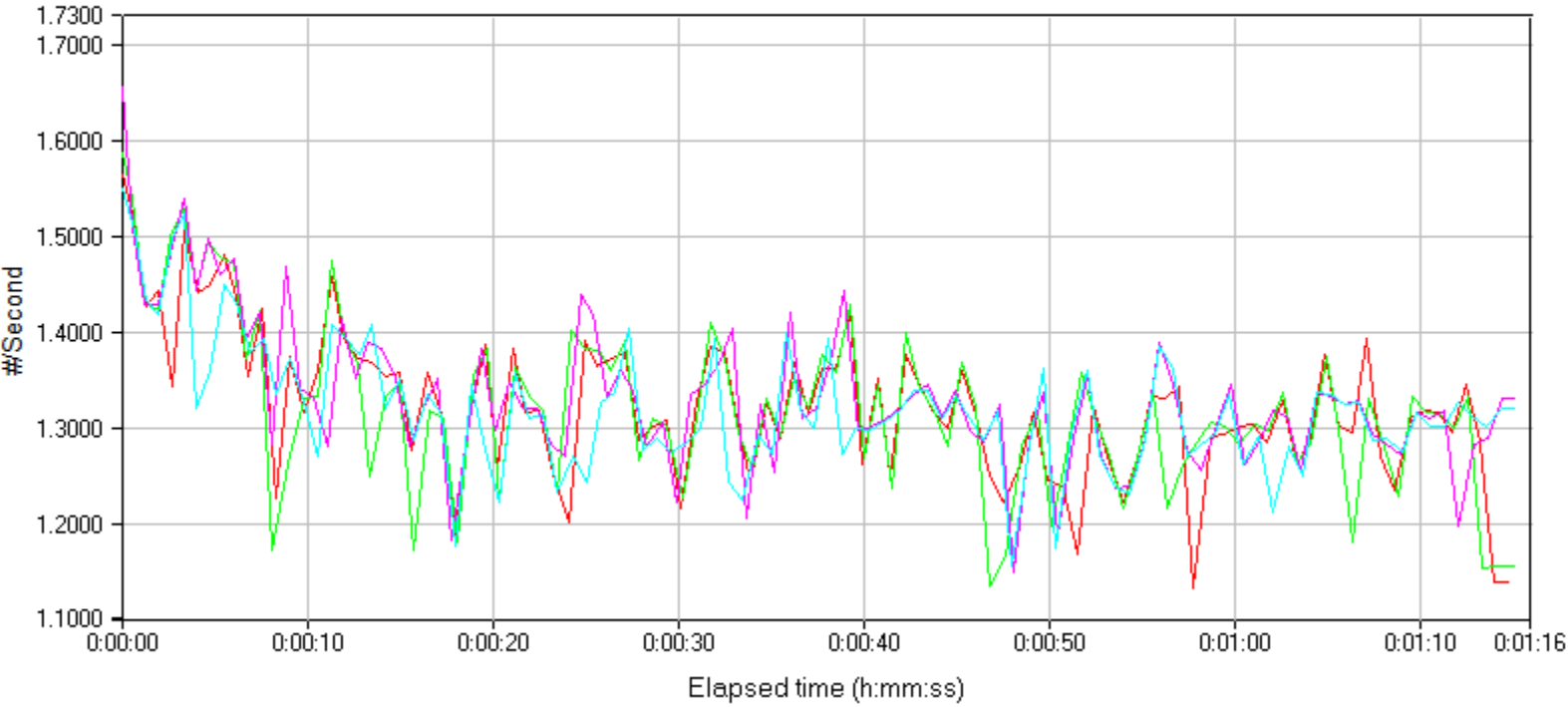
Throughput



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	5.286	1.133	1.656			
Pair 1	1.321	1.133	1.565	0.015	74.917	1.154
Pair 2	1.318	1.135	1.587	0.017	75.138	1.305
Pair 3	1.330	1.149	1.656	0.015	75.199	1.132
Pair 4	1.317	1.155	1.550	0.013	75.151	1.024
Totals:	5.286	1.133	1.656			

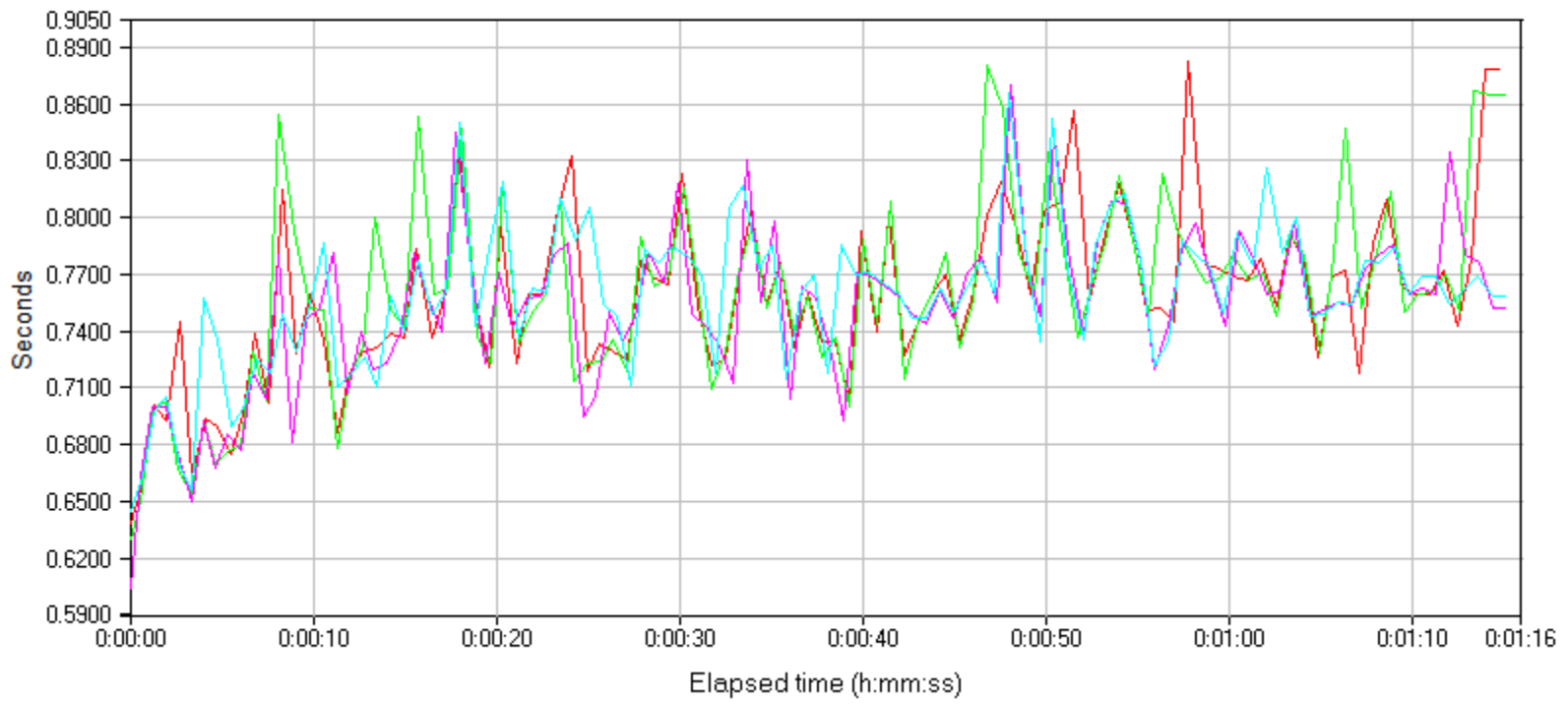
Transaction rate



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	0.757	0.604	0.883			
Pair 1	0.757	0.639	0.883	0.009	74.917	1.154
Pair 2	0.759	0.630	0.881	0.010	75.138	1.305
Pair 3	0.752	0.604	0.870	0.009	75.199	1.132
Pair 4	0.759	0.645	0.866	0.008	75.151	1.024
Totals:	0.757	0.604	0.883			

Response time



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