

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\2 to 1 (Quad)\2to1TCPQuad.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 1 (Quad)\2to1TCPQuad.tst
Run start time	Monday, August 08, 2011, 8:49:53 PM
Run end time	Monday, August 08, 2011, 8:51:53 PM
Elapsed time	00:02:00
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

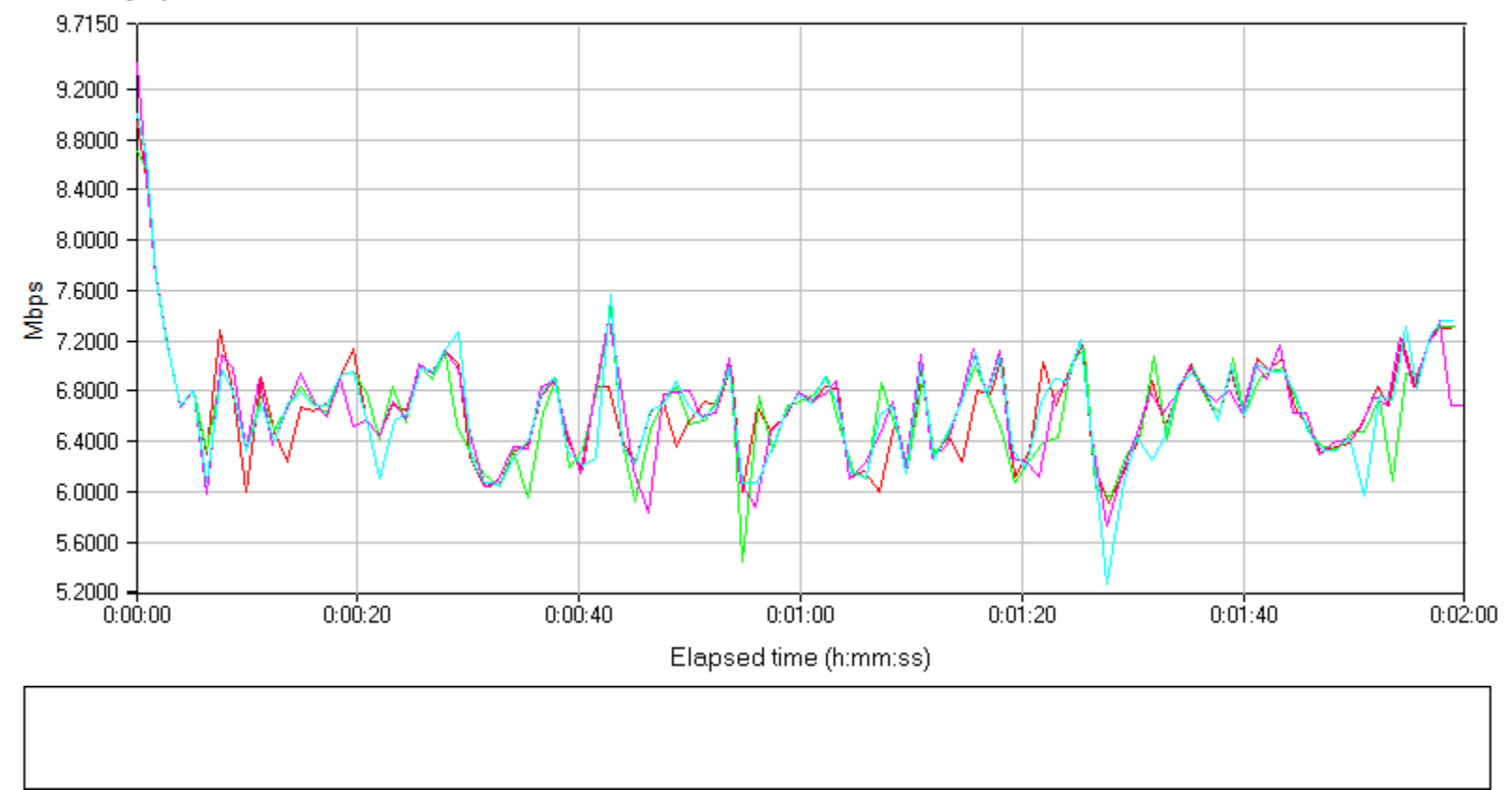
Test Execution (Endpoint 1 to Endpoint 2)

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	26.487	5.267	9.412			
Pair 1	6.662	5.917	8.939	0.084	118.881	1.259
Pair 2	6.644	5.446	8.705	0.087	119.206	1.303
Pair 3	6.672	5.731	9.412	0.089	119.899	1.327
Pair 4	6.654	5.267	8.999	0.092	119.035	1.390
Totals:	26.487	5.267	9.412			

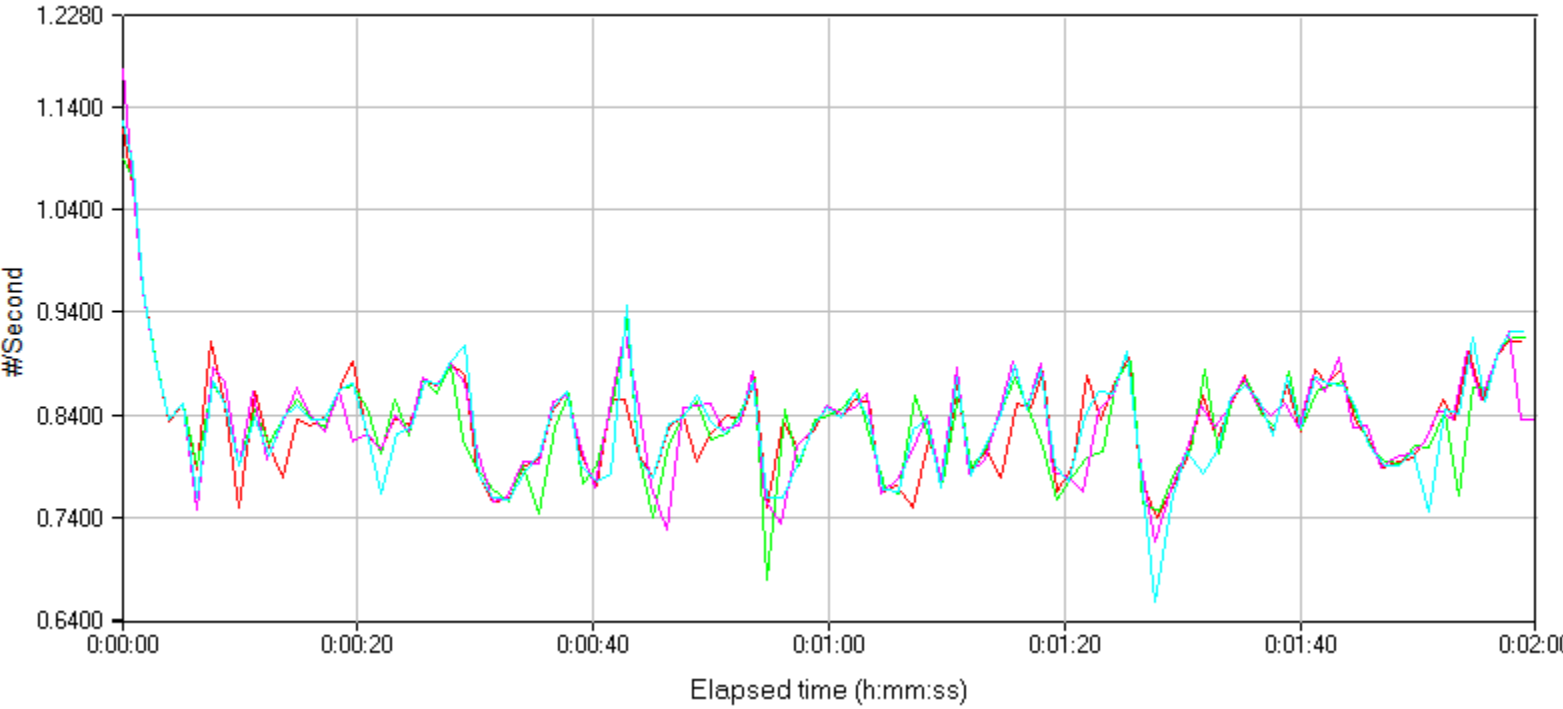
Throughput



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	3.329	0.658	1.176			
Pair 1	0.833	0.740	1.117	0.010	118.881	1.259
Pair 2	0.830	0.681	1.088	0.011	119.206	1.303
Pair 3	0.834	0.716	1.176	0.011	119.899	1.327
Pair 4	0.832	0.658	1.125	0.012	119.035	1.390
Totals:	3.329	0.658	1.176			

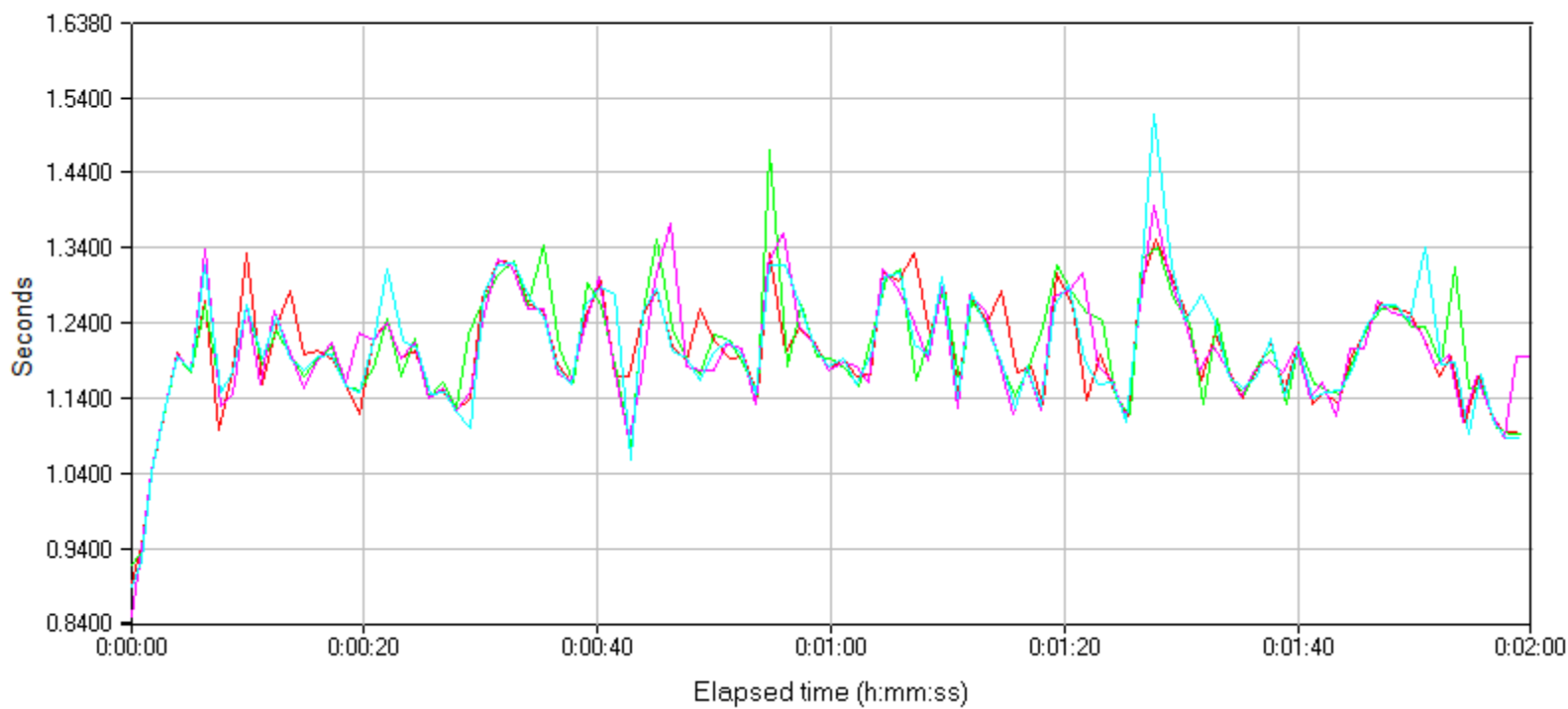
Transaction rate



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	1.202	0.850	1.519			
Pair 1	1.201	0.895	1.352	0.015	118.881	1.259
Pair 2	1.204	0.919	1.469	0.016	119.206	1.303
Pair 3	1.199	0.850	1.396	0.016	119.899	1.327
Pair 4	1.202	0.889	1.519	0.017	119.035	1.390
Totals:	1.202	0.850	1.519			

Response time



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