

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\3 to 2 (Quad)\3to2TCPQuad.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\3 to 2 (Quad)\3to2TCPQuad.tst
Run start time	Monday, August 08, 2011, 8:03:10 PM
Run end time	Monday, August 08, 2011, 8:04:45 PM
Elapsed time	00:01:35
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

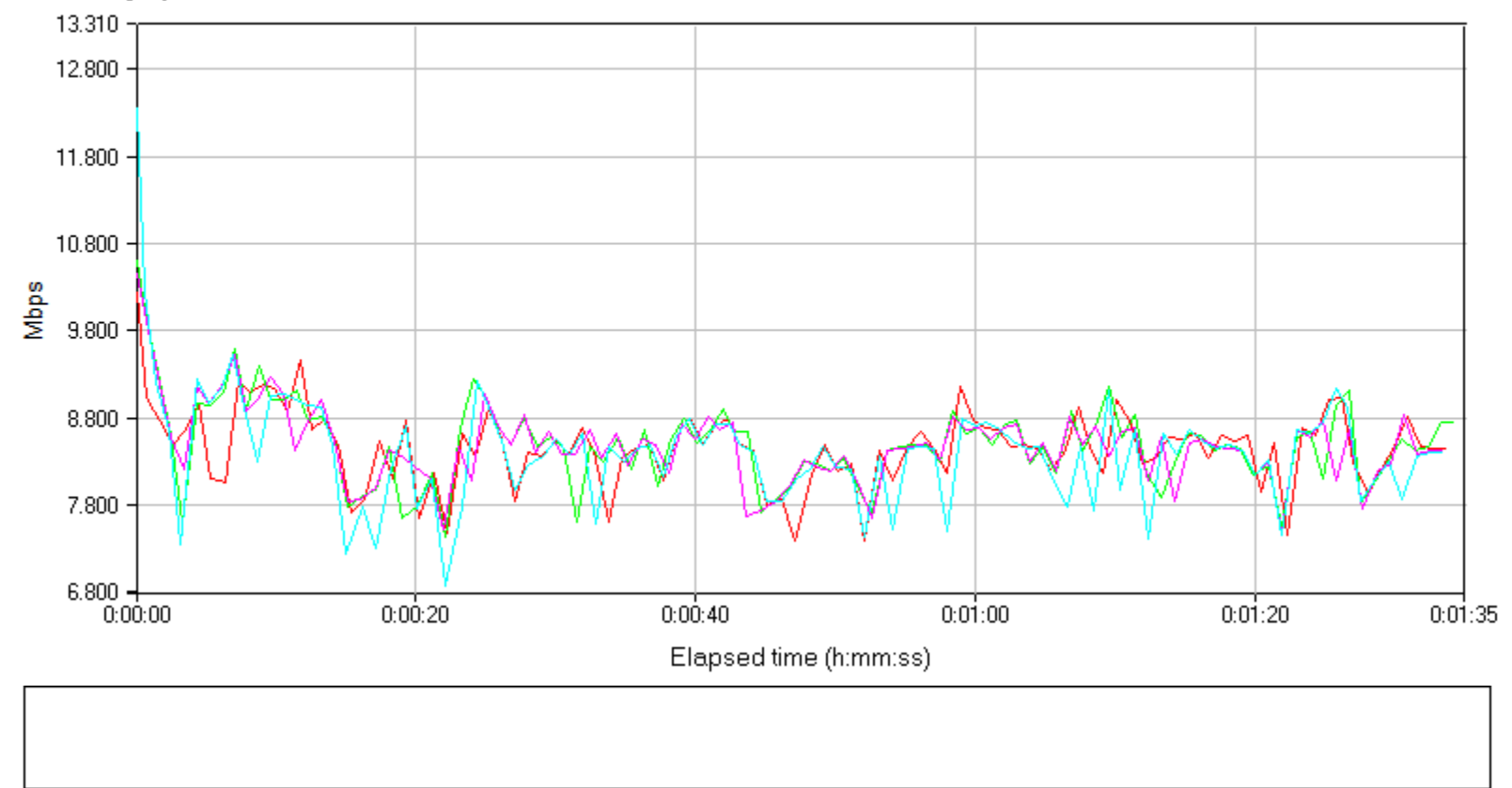
Test Execution (Endpoint 1 to Endpoint 2)

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	33.602	6.873	12.346			
Pair 1	8.449	7.387	10.243	0.090	93.742	1.065
Pair 2	8.486	7.435	10.610	0.097	94.269	1.143
Pair 3	8.473	7.470	10.444	0.089	93.473	1.049
Pair 4	8.390	6.873	12.346	0.124	93.447	1.479
Totals:	33.602	6.873	12.346			

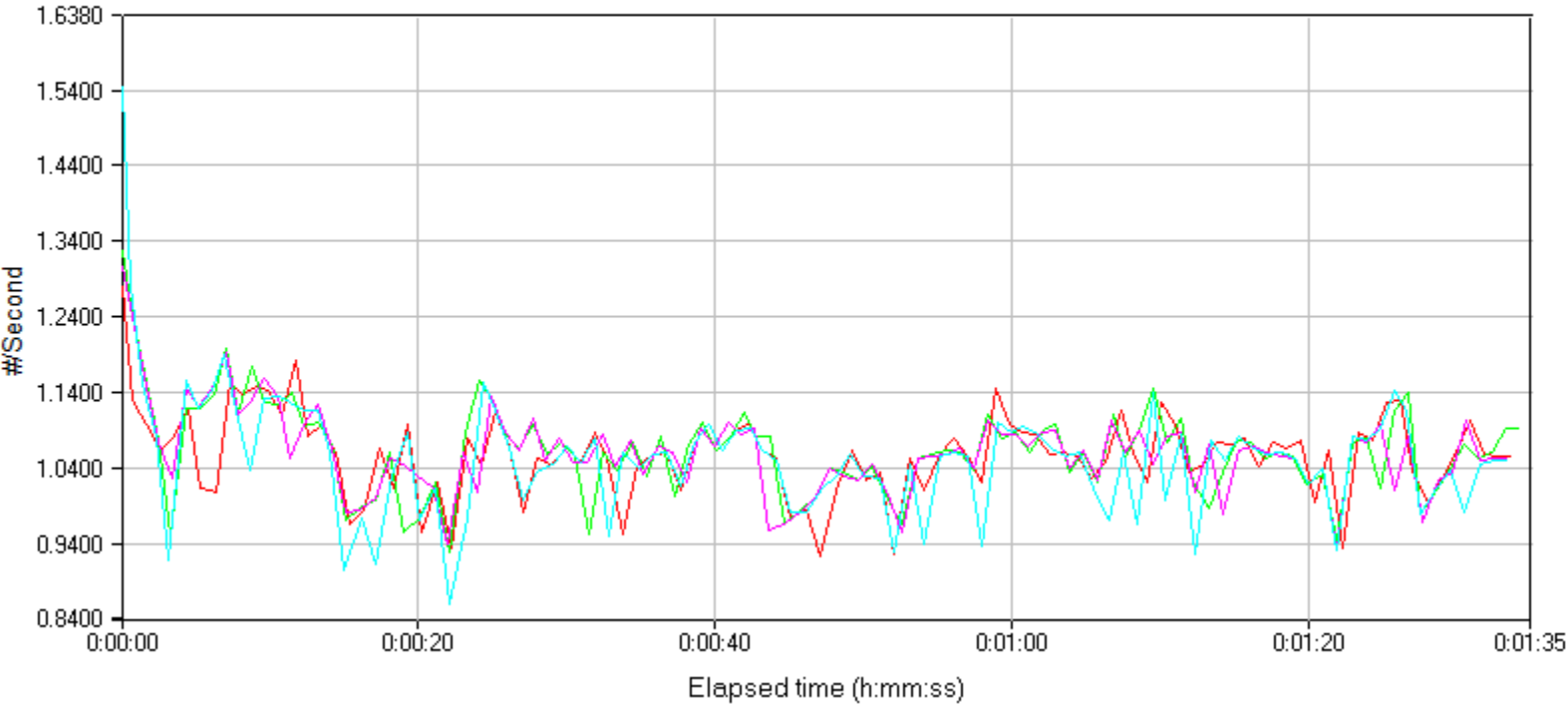
Throughput



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	4.225	0.859	1.543			
Pair 1	1.056	0.923	1.280	0.011	93.742	1.065
Pair 2	1.061	0.929	1.326	0.012	94.269	1.143
Pair 3	1.059	0.934	1.305	0.011	93.473	1.049
Pair 4	1.049	0.859	1.543	0.016	93.447	1.479
Totals:	4.225	0.859	1.543			

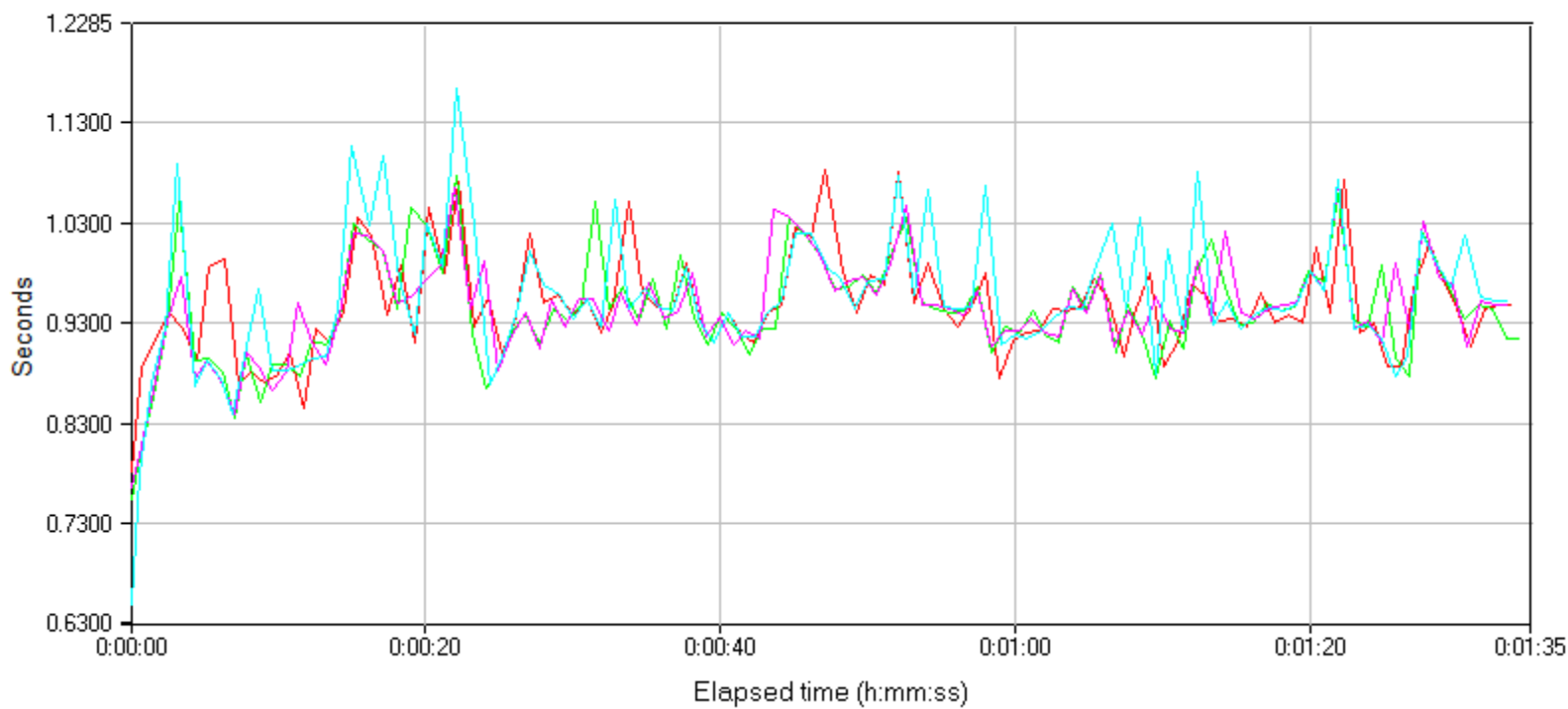
Transaction rate



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	0.947	0.648	1.164			
Pair 1	0.947	0.781	1.083	0.010	93.742	1.065
Pair 2	0.943	0.754	1.076	0.011	94.269	1.143
Pair 3	0.944	0.766	1.071	0.010	93.473	1.049
Pair 4	0.954	0.648	1.164	0.014	93.447	1.479
Totals:	0.947	0.648	1.164			

Response time



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