

# IxChariot

## Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\4 to 3 (Quad)\4to3TCPQuad.tst

<b>Console version</b>	7.10 SP4
<b>Console build level</b>	207
<b>Console product type</b>	IxChariot Eval
<b>Filename</b>	C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\4 to 3 (Quad)\4to3TCPQuad.tst
<b>Run start time</b>	Monday, August 08, 2011, 8:14:20 PM
<b>Run end time</b>	Monday, August 08, 2011, 8:16:04 PM
<b>Elapsed time</b>	00:01:44
<b>How the test ended</b>	Ran to completion
<b>Number of pairs</b>	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

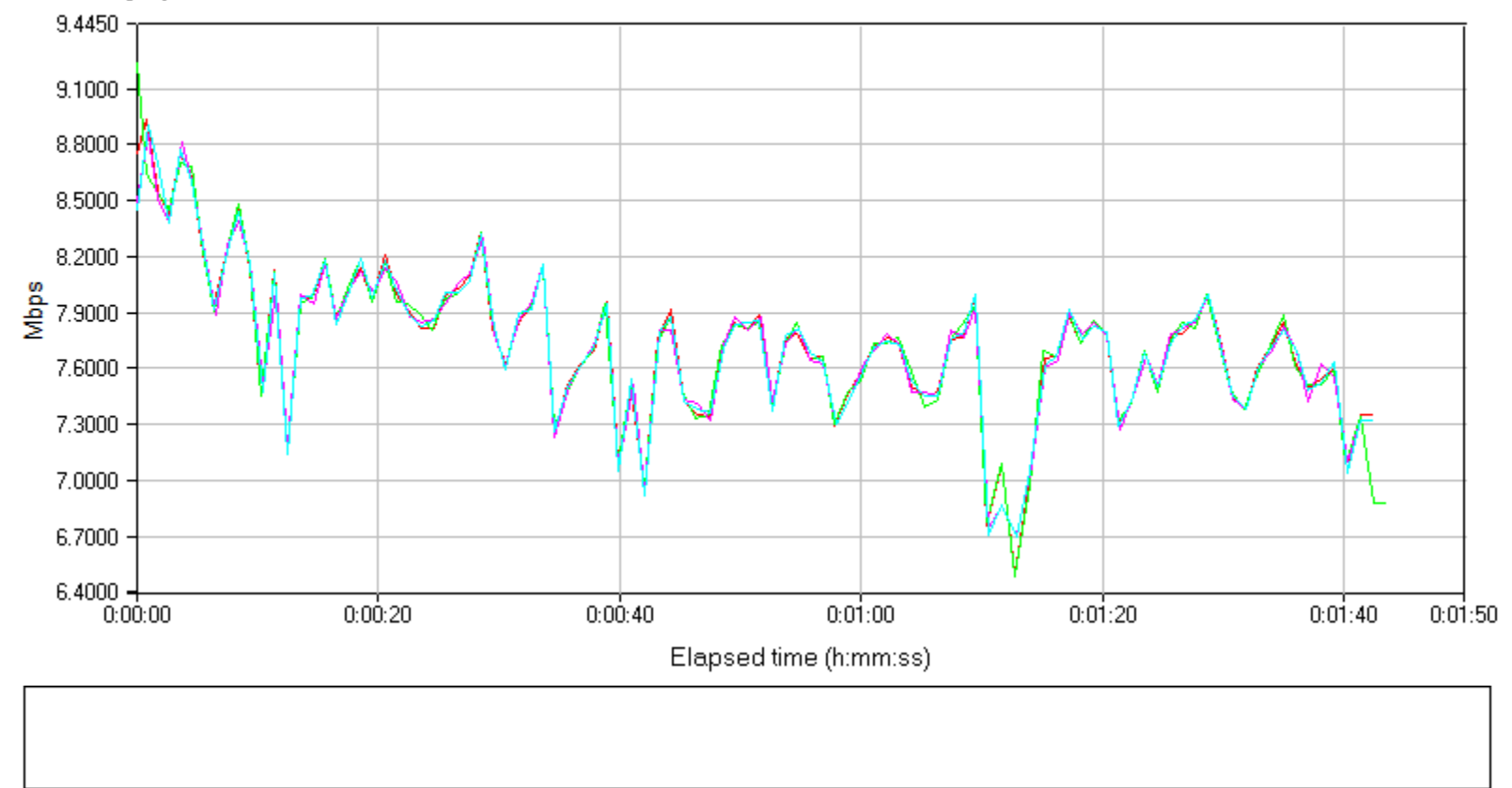
## Test Execution (Endpoint 1 to Endpoint 2)

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	30.662	6.488	9.238			
Pair 1	7.732	6.494	8.939	0.083	102.430	1.069
Pair 2	7.724	6.488	9.238	0.085	103.573	1.095
Pair 3	7.729	6.706	8.859	0.080	102.474	1.034
Pair 4	7.730	6.700	8.909	0.082	102.458	1.056
Totals:	30.662	6.488	9.238			

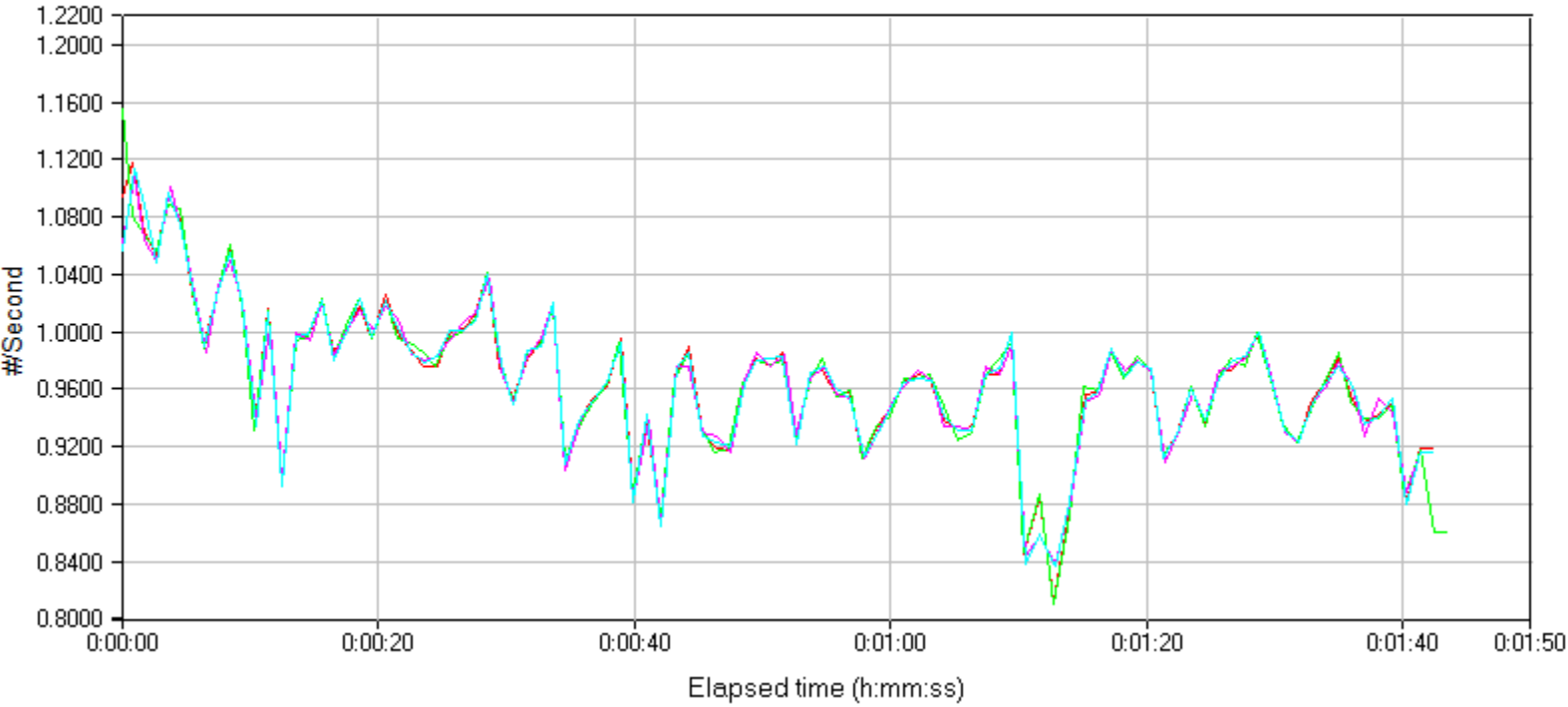
# Throughput



# 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	3.864	0.811	1.155			
Pair 1	0.967	0.812	1.117	0.010	102.430	1.069
Pair 2	0.966	0.811	1.155	0.011	103.573	1.095
Pair 3	0.966	0.838	1.107	0.010	102.474	1.034
Pair 4	0.966	0.838	1.114	0.010	102.458	1.056
Totals:	3.864	0.811	1.155			

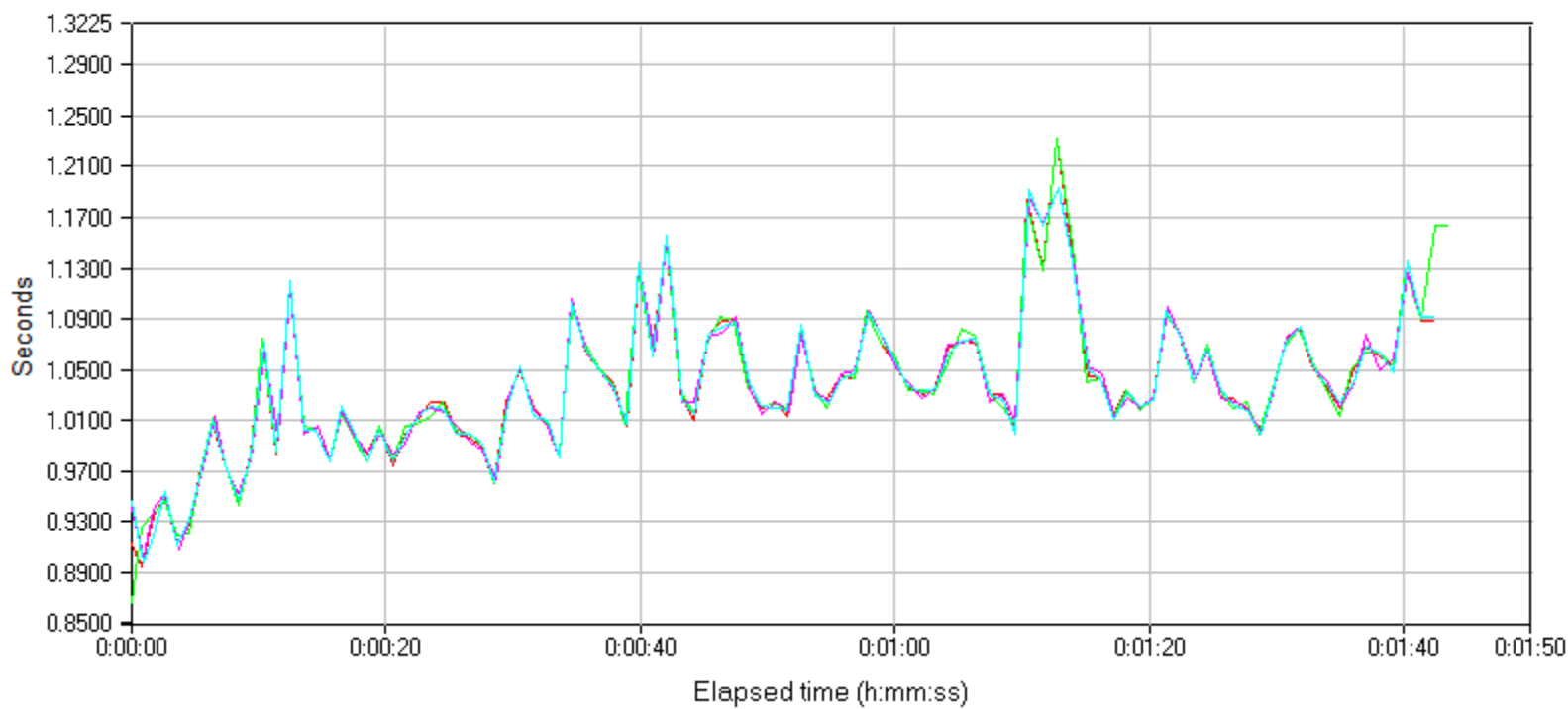
Transaction rate



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	1.035	0.866	1.233			
Pair 1	1.035	0.895	1.232	0.011	102.430	1.069
Pair 2	1.036	0.866	1.233	0.011	103.573	1.095
Pair 3	1.035	0.903	1.193	0.011	102.474	1.034
Pair 4	1.035	0.898	1.194	0.011	102.458	1.056
Totals:	1.035	0.866	1.233			

## Response time



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