

# IxChariot

**Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\1 to 2 (Single)\1to2TCPSingle.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\1 to 2 (Single)\1to2TCPSingle.tst
<b>Run start time</b>	Monday, August 08, 2011, 8:43:21 PM
<b>Run end time</b>	Monday, August 08, 2011, 8:43:51 PM
<b>Elapsed time</b>	00:00:30
<b>How the test ended</b>	Ran to completion
<b>Number of pairs</b>	1

# 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

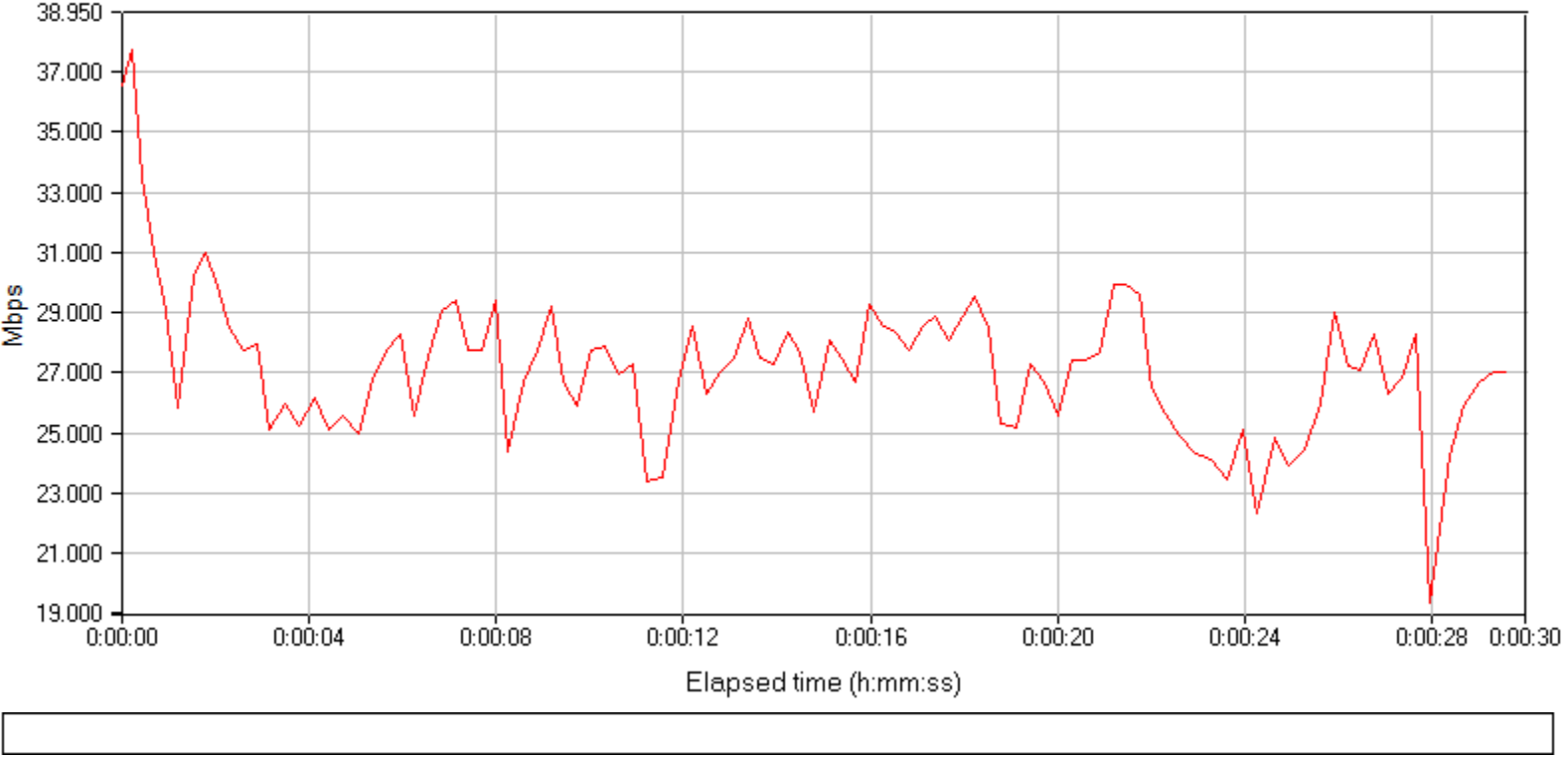
## Test Execution (Endpoint 1 to Endpoint 2)

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

# Throughput

Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	27.037	19.370	37.736			
Pair 1	27.062	19.370	37.736	0.482	29.562	1.781
Totals:	27.037	19.370	37.736			

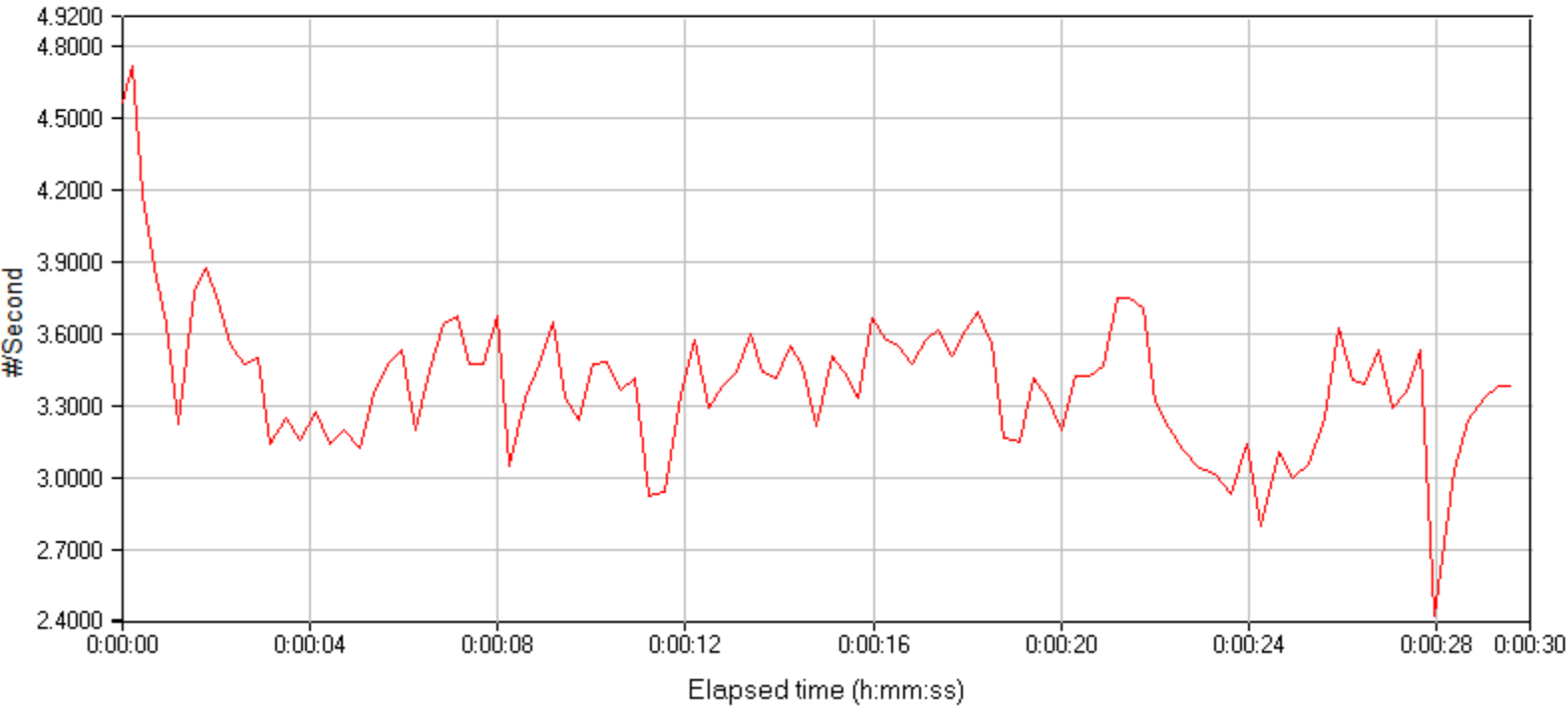
## Throughput



# 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	3.383	2.421	4.717			
Pair 1	3.383	2.421	4.717	0.060	29.562	1.781
Totals:	3.383	2.421	4.717			

Transaction rate

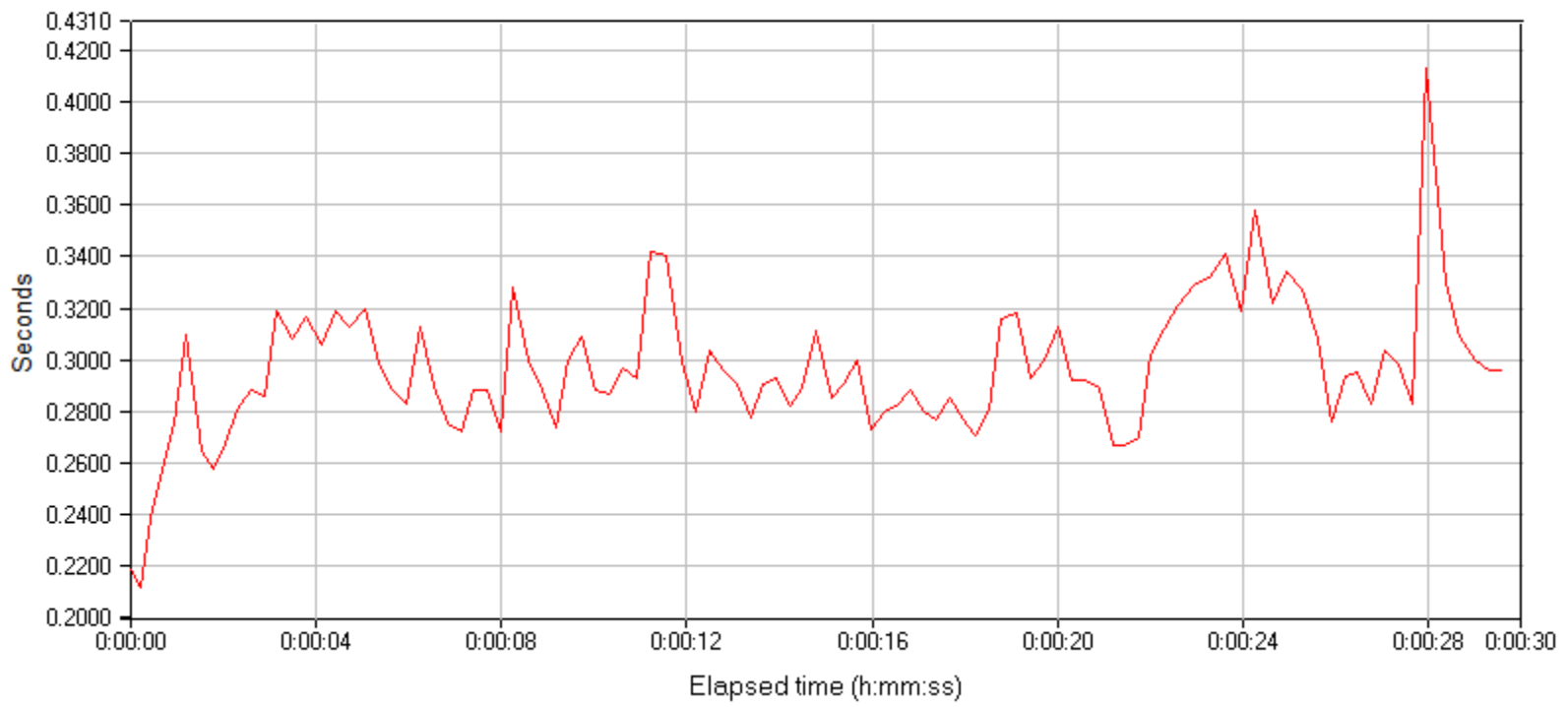


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Response Time

Group/ Pair	Response Time Average	Response Time Minimum	Response Time Maximum	Response Time 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	0.296	0.212	0.413			
Pair 1	0.296	0.212	0.413	0.005	29.562	1.781
Totals:	0.296	0.212	0.413			

## Response time



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