

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEARHomePlugAV\TCP\3 to 1 (Quad)\3to1TCPQuad.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\NETGEARHomePlugAV\TCP\3 to 1 (Quad)\3to1TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 7:38:58 AM
Run end time	Tuesday, August 09, 2011, 7:40:33 AM
Elapsed time	00:01:35
How the test ended	Ran to completion
Number of pairs	4

Run Options

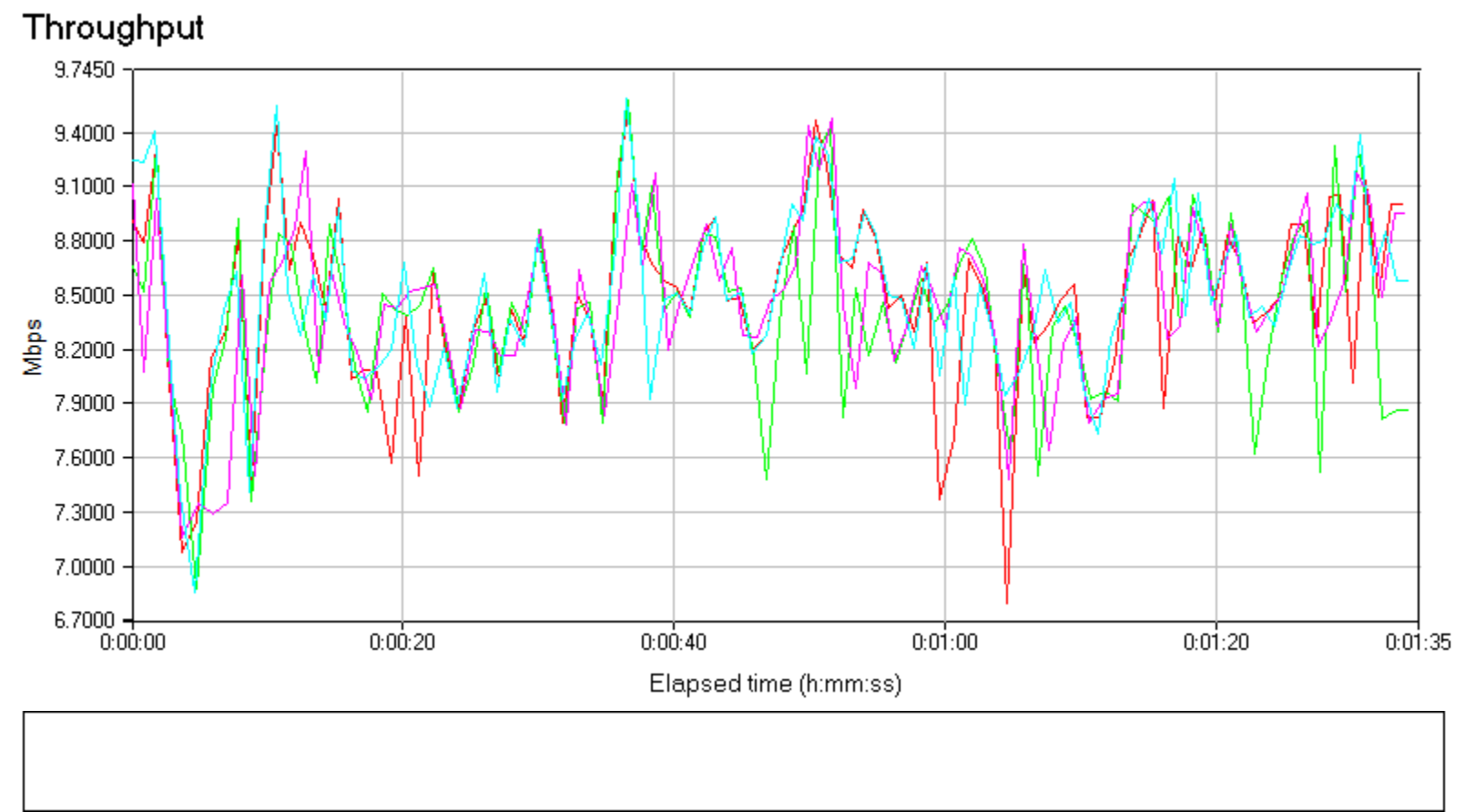
End type	Run until any pair ends
Reporting type	Real-time
Automatically poll endpoints	Yes
Polling interval (minutes)	1
Stop run upon initialization failure	Yes
Connect timeout during test (minutes)	0
Stop test after this many running pairs fail	1
Collect endpoint CPU utilization	No
Collect TCP statistics	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

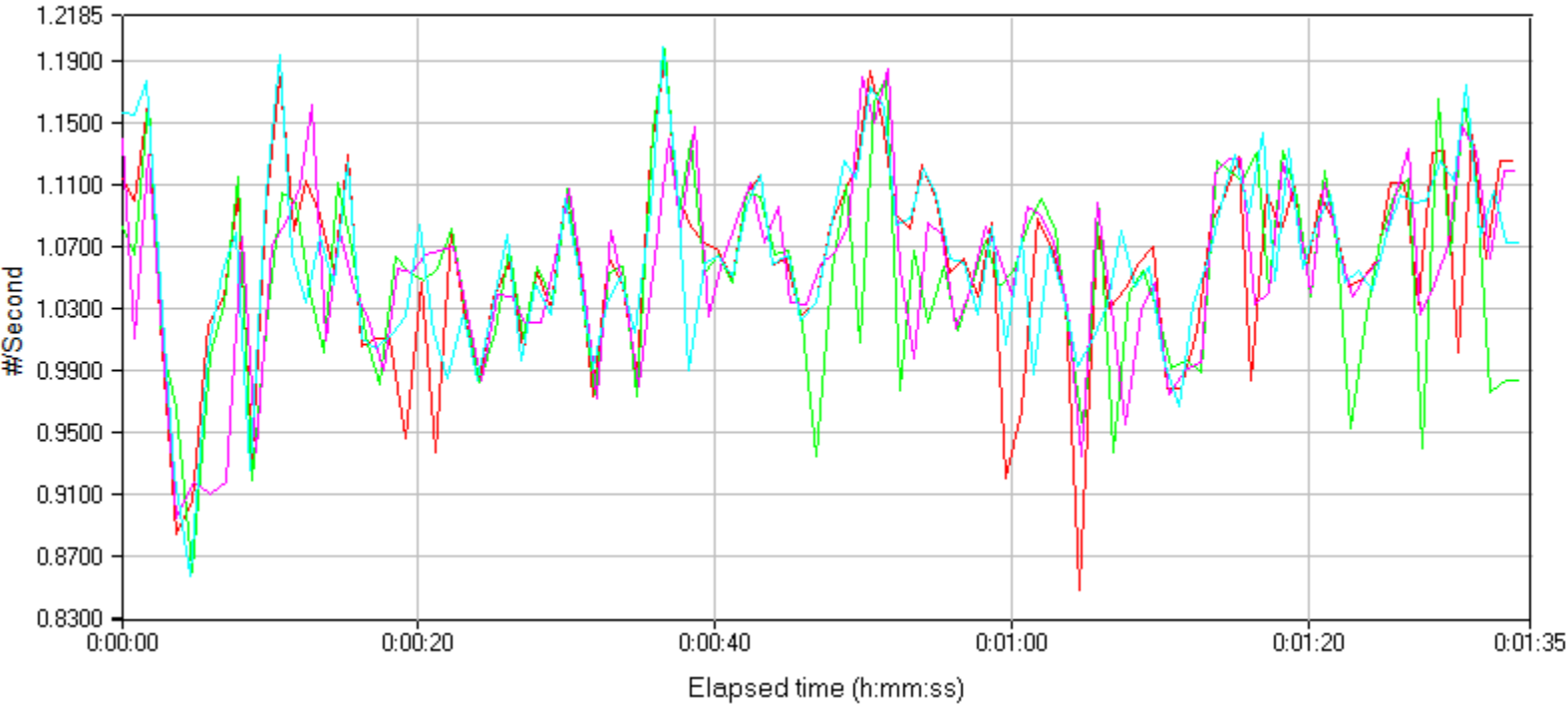
Group/ Pair	Average (Mbps)	Minimum (Mbps)	Maximum (Mbps)	Throughput 95% Confidence Interval	Measured Time (secs)	Relative Precision
All Pairs	33.676	6.791	9.592			
Pair 1	8.443	6.791	9.535	0.107	93.802	1.265
Pair 2	8.399	6.879	9.581	0.101	94.300	1.204
Pair 3	8.425	7.162	9.479	0.096	94.003	1.144
Pair 4	8.483	6.861	9.592	0.095	94.304	1.115
Totals:	33.676	6.791	9.592			



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	4.219	0.849	1.199			
Pair 1	1.055	0.849	1.192	0.013	93.802	1.265
Pair 2	1.050	0.860	1.198	0.013	94.300	1.204
Pair 3	1.053	0.895	1.185	0.012	94.003	1.144
Pair 4	1.060	0.858	1.199	0.012	94.304	1.115
Totals:	4.219	0.849	1.199			

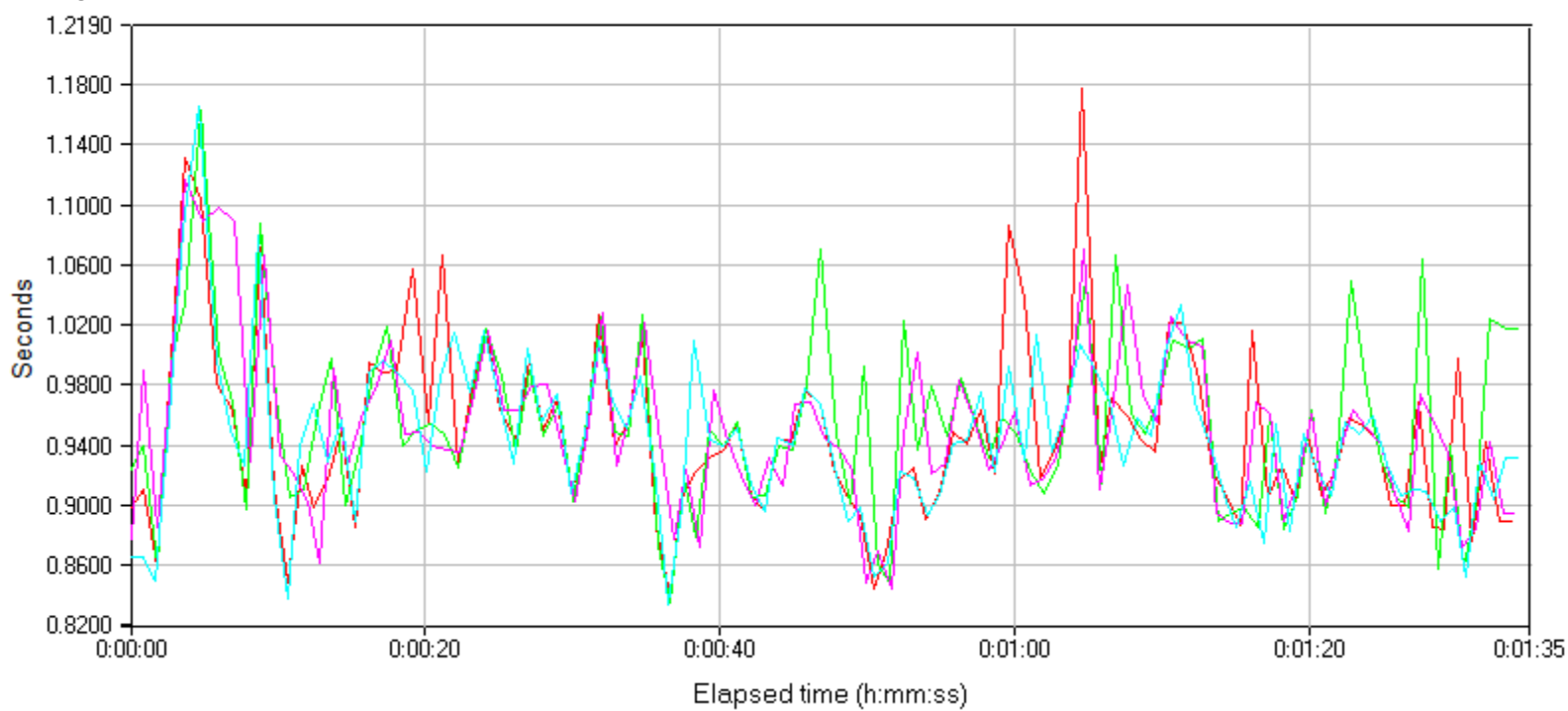
Transaction rate



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	0.948	0.834	1.178			
Pair 1	0.947	0.839	1.178	0.012	93.802	1.265
Pair 2	0.953	0.835	1.163	0.011	94.300	1.204
Pair 3	0.950	0.844	1.117	0.011	94.003	1.144
Pair 4	0.943	0.834	1.166	0.011	94.304	1.115
Totals:	0.948	0.834	1.178			

Response time



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