

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\4 to 1 (Quad)\4to1TCPQuad.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\SigmaDesignsHomePlugAV\TCP\4 to 1 (Quad)\4to1TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:44:22 PM
Run end time	Tuesday, August 09, 2011, 6:45:44 PM
Elapsed time	00:01:22
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

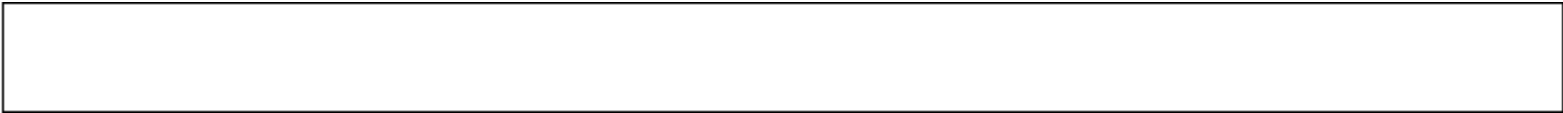
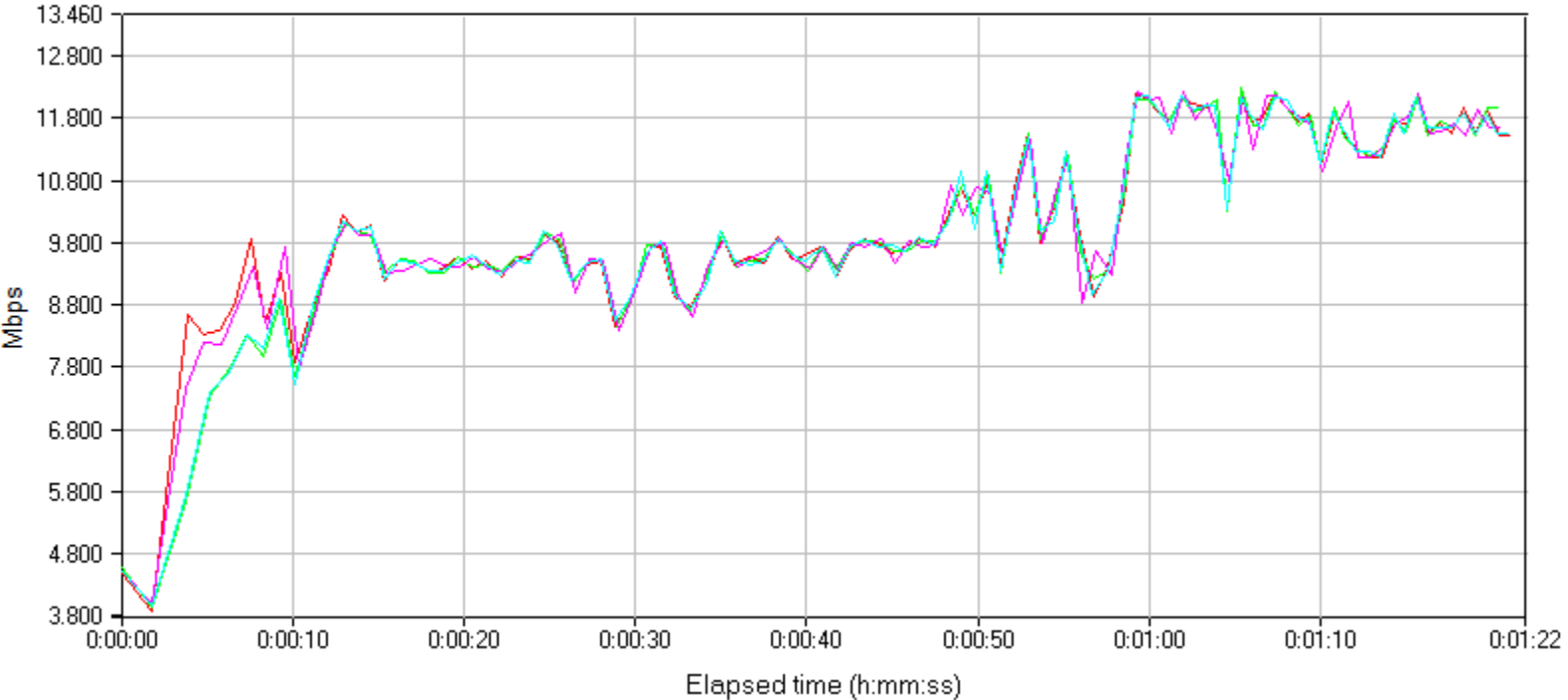
Test Execution (Endpoint 1 to Endpoint 2)

Group/ Pair	Endpoint 1	Endpoint 2	Network Protocol	Endpoint 1 Service Quality	Endpoint 2 Service Quality	Script/Stream Name
All Pairs						
Pair 1	10.0.1.140	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	39.076	3.891	12.289			
Pair 1	9.870	3.891	12.195	0.443	81.053	4.485
Pair 2	9.753	3.947	12.289	0.462	80.383	4.738
Pair 3	9.839	3.998	12.232	0.438	80.499	4.455
Pair 4	9.772	3.964	12.177	0.460	81.045	4.705
Totals:	39.076	3.891	12.289			

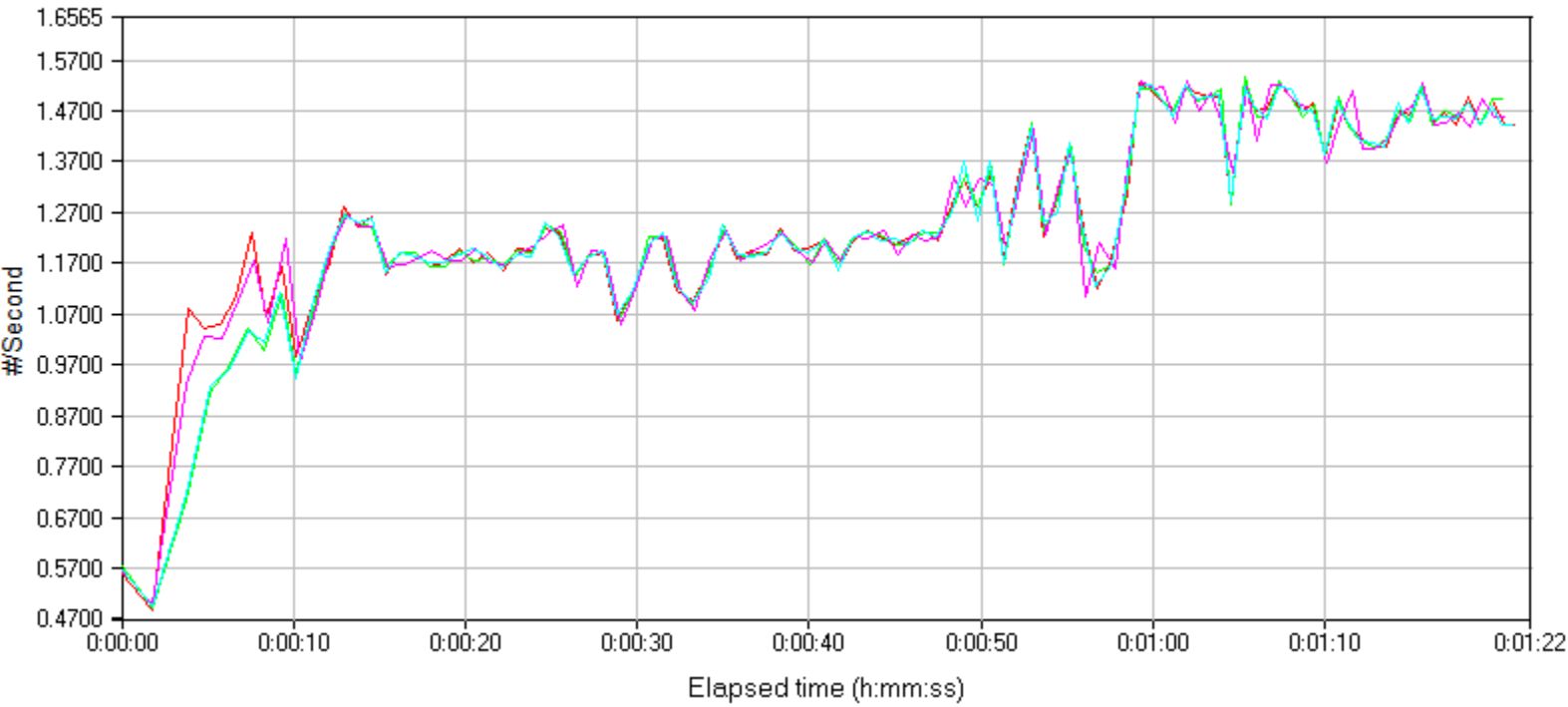
Throughput



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	4.904	0.486	1.536			
Pair 1	1.234	0.486	1.524	0.055	81.053	4.485
Pair 2	1.219	0.493	1.536	0.058	80.383	4.738
Pair 3	1.230	0.500	1.529	0.055	80.499	4.455
Pair 4	1.222	0.496	1.522	0.057	81.045	4.705
Totals:	4.904	0.486	1.536			

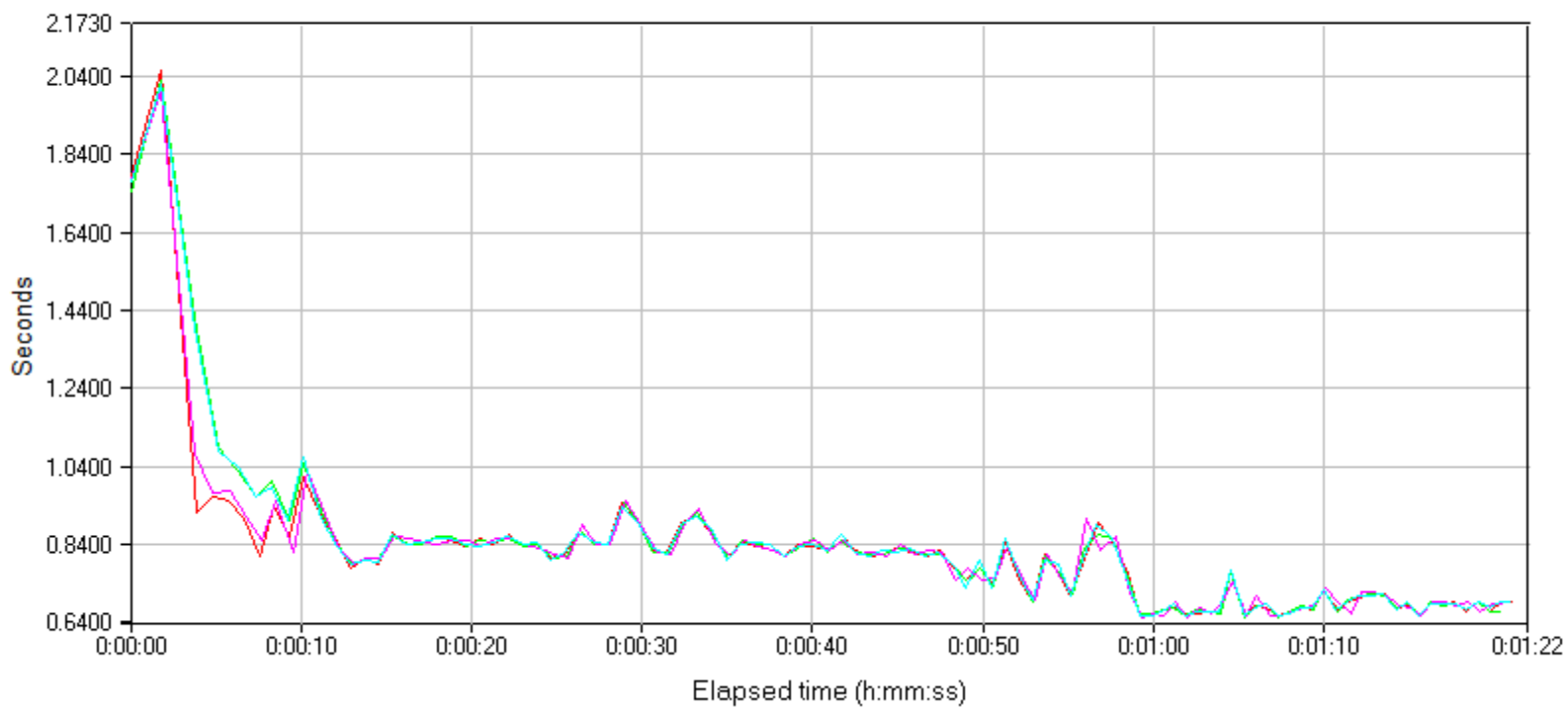
Transaction rate



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	0.816	0.651	2.056			
Pair 1	0.811	0.656	2.056	0.036	81.053	4.485
Pair 2	0.820	0.651	2.027	0.039	80.383	4.738
Pair 3	0.813	0.654	2.001	0.036	80.499	4.455
Pair 4	0.819	0.657	2.018	0.039	81.045	4.705
Totals:	0.816	0.651	2.056			

Response time



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