

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\SigmaDesignsHomePlugAV\TCP\3 to 4 (Quad)\3to4TCPQuad.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\3 to 4 (Quad)\3to4TCPQuad.tst
Run start time	Tuesday, August 09, 2011, 6:33:00 PM
Run end time	Tuesday, August 09, 2011, 6:34:03 PM
Elapsed time	00:01:03
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

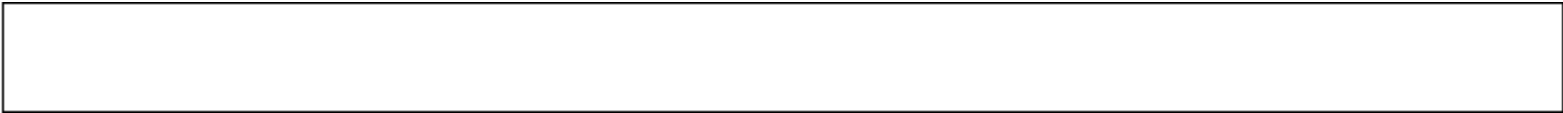
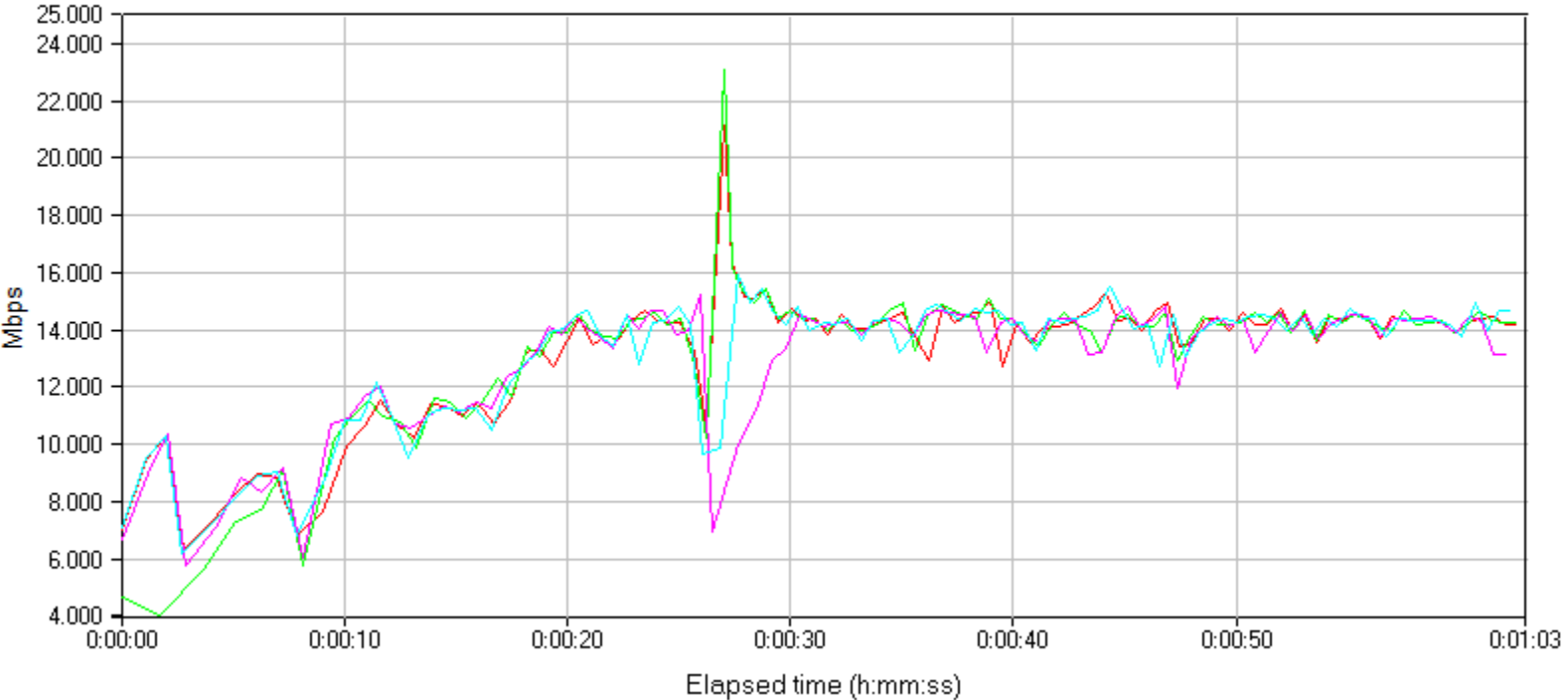
Test Execution (Endpoint 1 to Endpoint 2)

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	50.343	4.004	23.121			
Pair 1	12.780	6.329	21.164	0.614	62.599	4.804
Pair 2	12.534	4.004	23.121	0.923	62.552	7.365
Pair 3	12.490	5.760	15.238	0.652	62.132	5.224
Pair 4	12.704	6.197	15.905	0.606	62.344	4.769
Totals:	50.343	4.004	23.121			

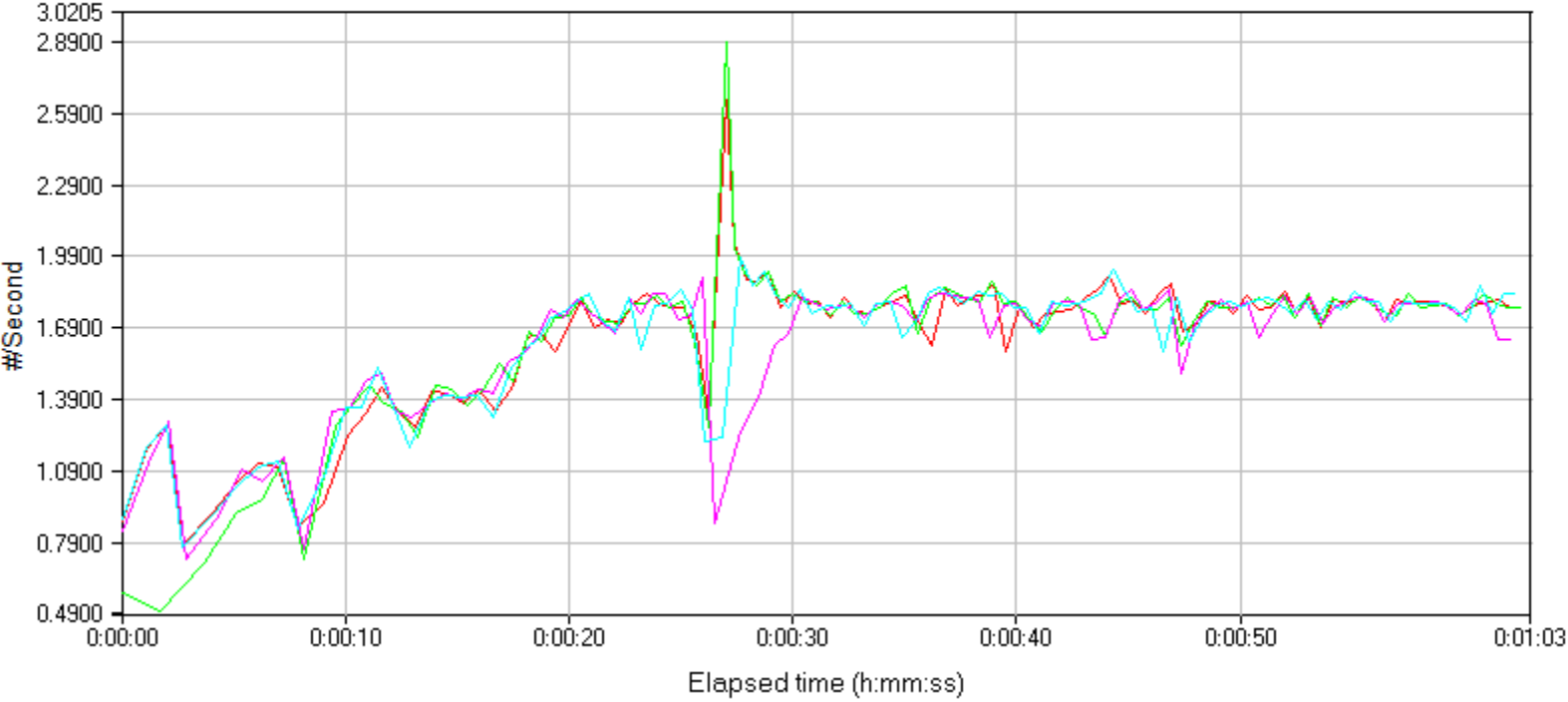
Throughput



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	6.313	0.501	2.890			
Pair 1	1.597	0.791	2.646	0.077	62.599	4.804
Pair 2	1.567	0.501	2.890	0.115	62.552	7.365
Pair 3	1.561	0.720	1.905	0.082	62.132	5.224
Pair 4	1.588	0.775	1.988	0.076	62.344	4.769
Totals:	6.313	0.501	2.890			

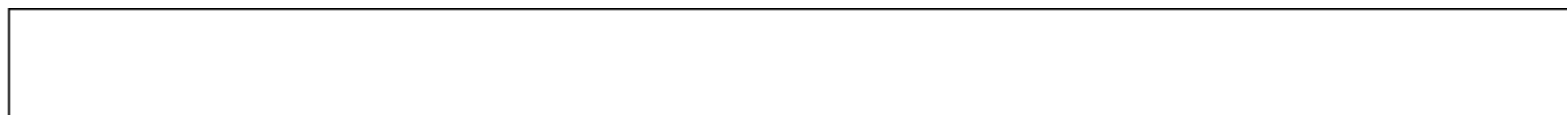
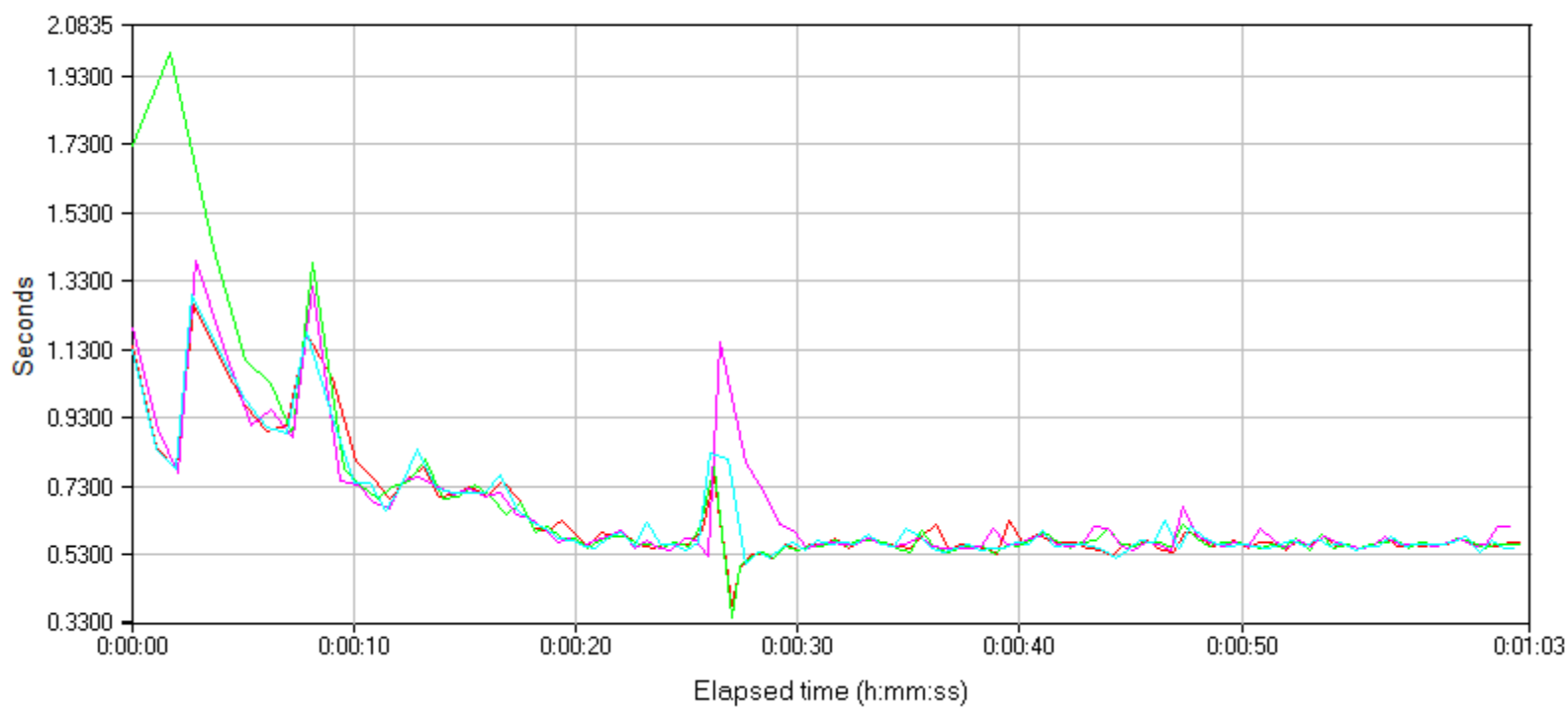
Transaction rate



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	0.634	0.346	1.998			
Pair 1	0.626	0.378	1.264	0.030	62.599	4.804
Pair 2	0.638	0.346	1.998	0.047	62.552	7.365
Pair 3	0.641	0.525	1.389	0.033	62.132	5.224
Pair 4	0.630	0.503	1.291	0.030	62.344	4.769
Totals:	0.634	0.346	1.998			

Response time



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