

IxChariot

Summary - C:\Users\Brian Dipert\Documents\My Dropbox\AnandTech\Powerline networking\IxChariot\NETGEAR1901\TCP\1 to 4 (Single)\1to4TCPSingle.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\NETGEAR1901\TCP\1 to 4 (Single)\1to4TCPSingle.tst |
| Run start time | Monday, August 08, 2011, 8:28:34 PM |
| Run end time | Monday, August 08, 2011, 8:29:33 PM |
| Elapsed time | 00:00:59 |
| How the test ended | Ran to completion |
| Number of pairs | 1 |

Run Options

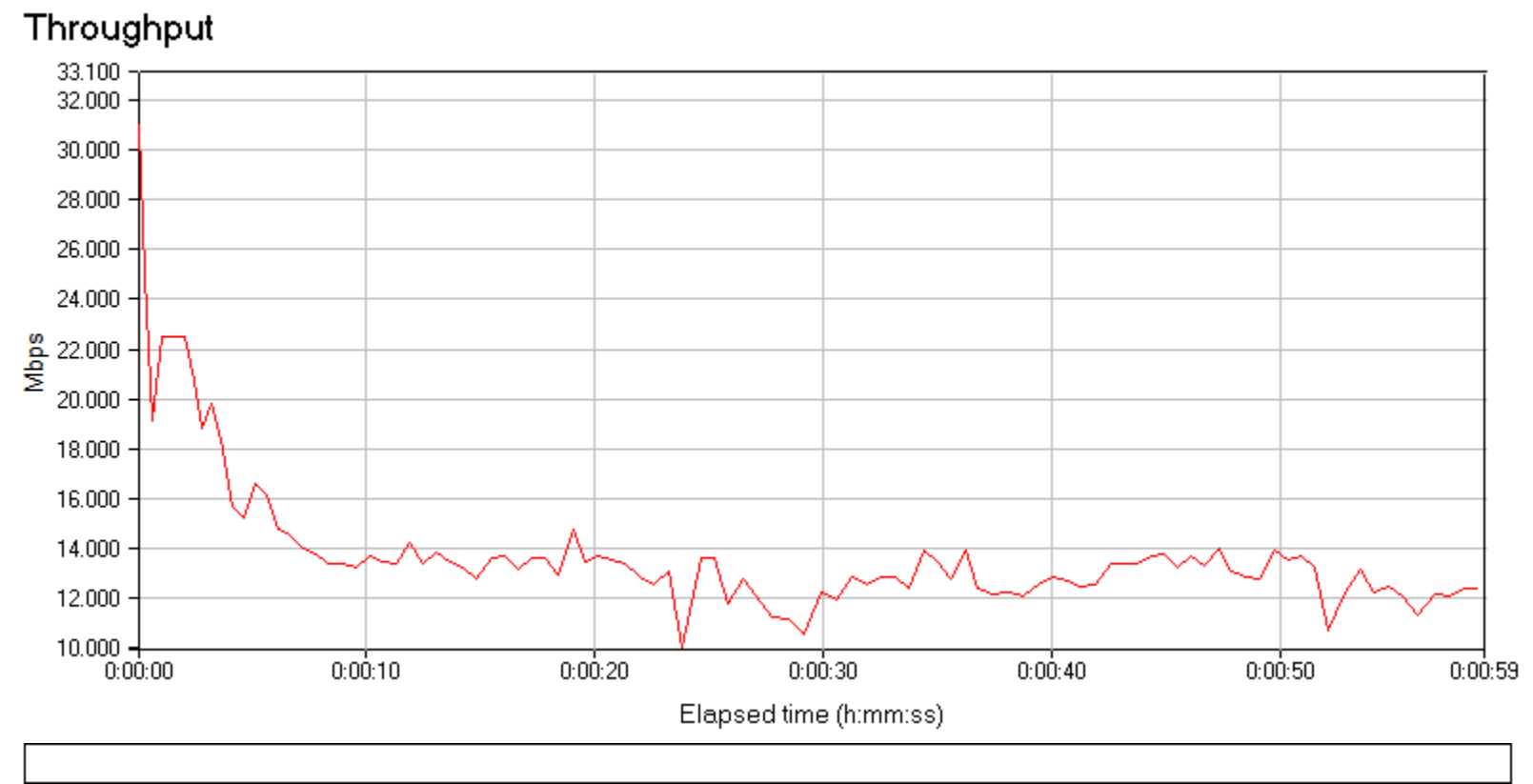
| | |
|---|----------------------------|
| End type | Run until any pair ends |
| Reporting type | Real-time |
| Automatically poll endpoints | Yes |
| Polling interval (minutes) | 1 |
| Stop run upon initialization failure | Yes |
| Connect timeout during test (minutes) | 0 |
| Stop test after this 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 | 10.0.1.141 | 10.0.1.140 | TCP | | | Throughput_10x.scr |

Throughput

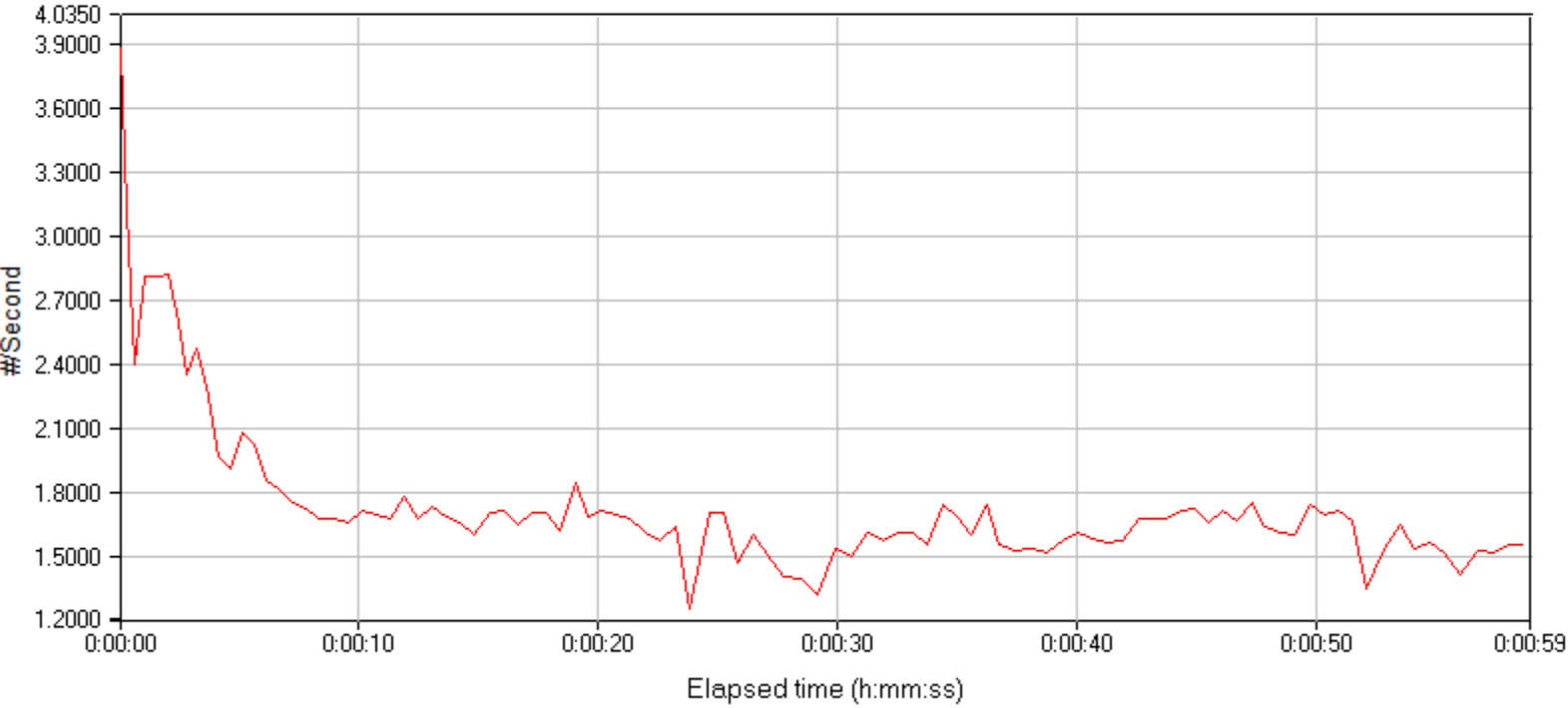
| Group/ Pair | Average (Mbps) | Minimum (Mbps) | Maximum (Mbps) | Throughput 95% Confidence Interval | Measured Time (secs) | Relative Precision |
|----------------|-------------------|-------------------|-------------------|---------------------------------------|-------------------------|-----------------------|
| All Pairs | 13.621 | 10.050 | 31.008 | | | |
| Pair 1 | 13.629 | 10.050 | 31.008 | 0.424 | 58.698 | 3.111 |
| Totals: | 13.621 | 10.050 | 31.008 | | | |



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 | 1.704 | 1.256 | 3.876 | | | |
| Pair 1 | 1.704 | 1.256 | 3.876 | 0.053 | 58.698 | 3.111 |
| Totals: | 1.704 | 1.256 | 3.876 | | | |

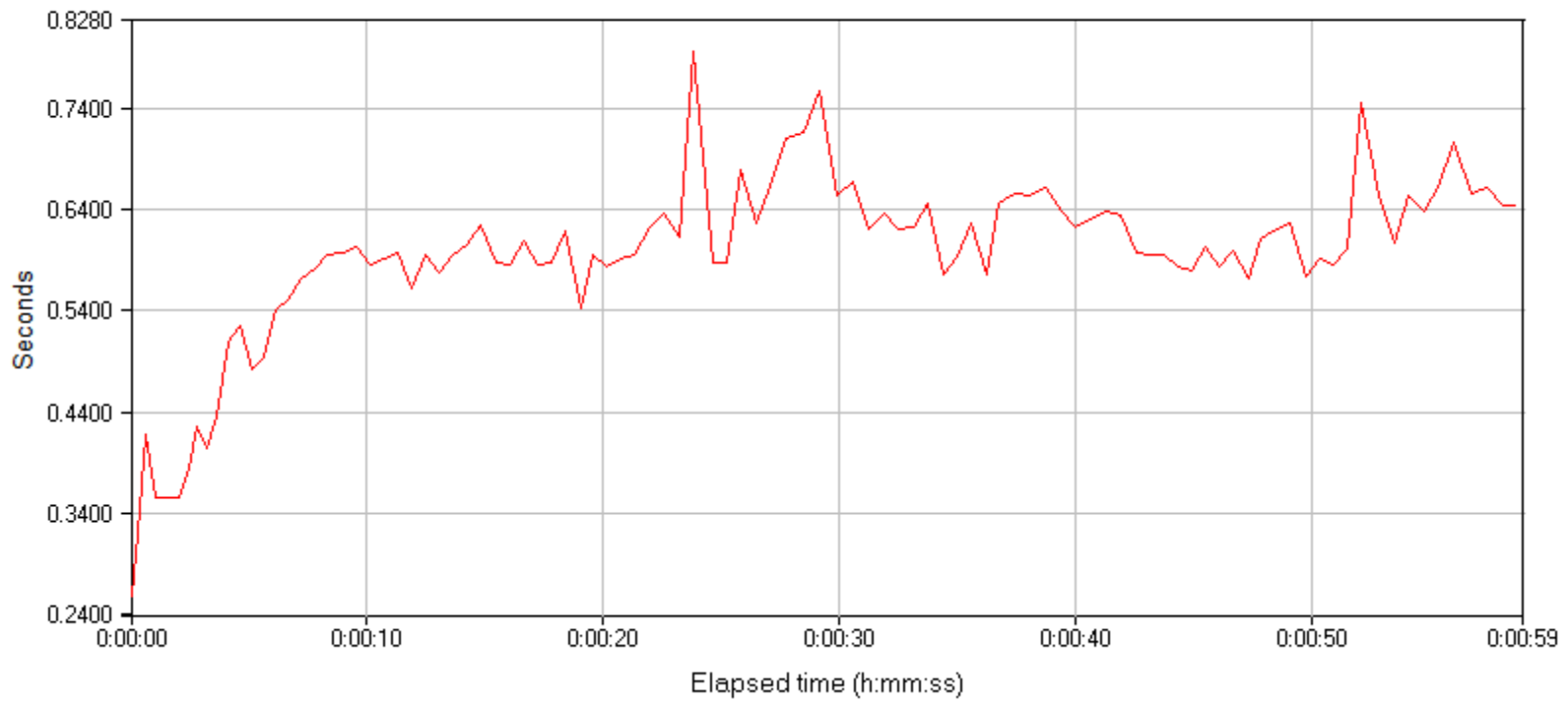
Transaction rate



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 | 0.587 | 0.258 | 0.796 | | | |
| Pair 1 | 0.587 | 0.258 | 0.796 | 0.018 | 58.698 | 3.111 |
| Totals: | 0.587 | 0.258 | 0.796 | | | |

Response time



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