

1. HTTP_B2B



Test Model: HTTP_B2B

Version: 5

Result: passed

Date: June 4, 2018 3:47:49 PM PDT

Test Duration: 00:01:03.701

2. Revision History

Version	Run ID	Date	Author	Test Results
5	5	Jun 4, 2018 3:48:53 PM	The Admin	Test passed
4	4	Jun 4, 2018 3:45:22 PM	The Admin	Test passed
3	3	Jun 4, 2018 3:42:28 PM	The Admin	Test passed
2	2	Jun 4, 2018 2:41:04 PM	The Admin	Test passed
1	1	Jun 1, 2018 2:34:03 PM	The Admin	Test passed

3. Synopsis

3.1. Component Description

3.2. Test parameters

Parameter	Value	Original	Current
Maximum Flow Creation Rate	100%	500	500
Total Bandwidth	100%	2000.0	2000.0
Maximum Concurrent Flows	100%	500	500
Total Attacks	100%	0	0
Total Addresses	100%	131068	131068
The period between data samples	100%	1.0	1.0

3.3. Test Criteria

Component	Test Criteria
HTTP_BW	<p>The total number of sessions opened must reach the specified target within the allotted time.: (maxConcurrentAppFlows>=sessions.target)</p> <p>The total number of failed application transactions must be no more than 5 percent of the attempted application transactions.: ((appUnsuccessful*100)<=(appAttempted*5))</p> <p>The session rate must reach the specified target within the allotted time.: (maxAppFlowRate>=sessions.targetPerSecond)</p> <p>The total number of matches must reach the target # matches.: (appSuccessfulMatches>=sessions.targetMatches)</p>

3.4. Summary of Results

Component	Test Results	Explanation
HTTP_BW	Test passed	
Overall	Test passed	

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5. Test Environment

5.1. Settings

Parameter	Value
Seed override	no override
Data rate reporting type	layer1 (includes IPG)

5.2. Interfaces

Number	Auto	Speed	Slot	Serial #	Slot HW	OpMode	Port	Capture Enabled	Snap Length	Note
1	false	10000Mb full	1	NA	vCard	NA	0	false	NA	
2	false	10000Mb full	1	NA	vCard	NA	1	false	NA	

5.3. Impairments

Interface	Rate	Corrupt IP checksum	Corrupt (257-END)	Corrupted (65-256)	Corrupted (1-64)	Corrupt (random)	Drop	Fragment
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5.4. Packet Filtering

Interface	Filter criteria
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5.5. Test Components

The test utilizes traffic from the set of components described below.

Type	Description
Client Simulation	This component measures an external device's ability to handle a variety of client-side application layer traffic flows. It generates realistic client-side application traffic flows, and responds to external server activity.

5.6. Test Device

When	Version	Build Number	Strike Build Number
At the time the test ran.	8.40.16.19	321819	319514
At the time the report was created.	8.40.16.19	321819	319514

5.7. Device Under Test Profile

The test utilizes traffic from the set of components described below.

5.7.1. Device Settings

Setting	Value
Name	BreakingPoint Default
Category	Generic

5.7.2. Commands

When to execute	Command
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5.7.3. Connection Settings

Setting	Value
Type	serial

Setting		Value	
Flow Control		none	
Speed		38,400	
Parity		n	
Data Bits		8	
Stop Bits		1	

5.8. Network Neighborhood

5.8.1. BreakingPoint Switching

5.8.1.1. Interface : Interface 1

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 1	1	1,500	true	02:1A:C5:01: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.2. Interface : Interface 2

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 2	2	1,500	true	02:1A:C5:02: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.3. Interface : Interface 3

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 3	3	1,500	true	02:1A:C5:03: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.4. Interface : Interface 4

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 4	4	1,500	true	02:1A:C5:04: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.5. Interface : Interface 5

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 5	5	1,500	true	02:1A:C5:05: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.6. Interface : Interface 6

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 6	6	1,500	true	02:1A:C5:06: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.7. Interface : Interface 7

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 7	7	1,500	true	02:1A:C5:07: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.8. Interface : Interface 8

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 8	8	1,500	true	02:1A:C5:08: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.9. Interface : Interface 9

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 9	9	1,500	true	02:1A:C5:09: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.10. Interface : Interface 10

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 10	10	1,500	true	02:1A:C5:0A: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.11. Interface : Interface 11

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 11	11	1,500	true	02:1A:C5:0B: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.12. Interface : Interface 12

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 12	12	1,500	true	02:1A:C5:0C: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.13. Interface : Interface 13

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 13	13	1,500	true	02:1A:C5:0D: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.14. Interface : Interface 14

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 14	14	1,500	true	02:1A:C5:0E: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.15. Interface : Interface 15

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 15	15	1,500	true	02:1A:C5:0F: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.16. Interface : Interface 16

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 16	16	1,500	true	02:1A:C5:10: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.17. Interface : Interface 17

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 17	17	1,500	true	02:1A:C5:11: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.18. Interface : Interface 18

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 18	18	1,500	true	02:1A:C5:12: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.19. Interface : Interface 19

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 19	19	1,500	true	02:1A:C5:13: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.20. Interface : Interface 20

ID	Number	MTU	Use vNIC MAC Address	MAC Address	Duplicate MAC Address	VLAN Key	Ignore Pause Frames	Description	Impairments
Interface 20	20	1,500	true	02:1A:C5:14: 00:00	true	outer_vlan	false		

Packet Filter

5.8.1.21. IPv4 External Hosts

External hosts used as a test target

ID	Tags	Base IP Address	Count	NAT	Proxy
External Hosts ext_default	[ext_default]	10.0.0.1	254	false	false

5.8.1.22. IPv4 Static Hosts : Static Hosts i1_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i1_default	Interface 1	[Lab Client, i1_default]	1.1.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.23. IPv4 Static Hosts : Static Hosts i2_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i2_default	Interface 2	[Lab Server, i2_default]	1.2.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.24. IPv4 Static Hosts : Static Hosts i3_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i3_default	Interface 3	[i3_default]	1.3.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.25. IPv4 Static Hosts : Static Hosts i4_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i4_default	Interface 4	[i4_default]	1.4.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.26. IPv4 Static Hosts : Static Hosts i5_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i5_default	Interface 5	[i5_default]	1.5.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.27. IPv4 Static Hosts : Static Hosts i6_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i6_default	Interface 6	[i6_default]	1.6.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.28. IPv4 Static Hosts : Static Hosts i7_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i7_default	Interface 7	[i7_default]	1.7.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.29. IPv4 Static Hosts : Static Hosts i8_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i8_default	Interface 8	[i8_default]	1.8.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.30. IPv4 Static Hosts : Static Hosts i9_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i9_default	Interface 9	[i9_default]	1.9.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.31. IPv4 Static Hosts : Static Hosts i10_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i10_default	Interface 10	[i10_default]	1.10.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.32. IPv4 Static Hosts : Static Hosts i11_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i11_default	Interface 11	[i11_default]	1.11.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.33. IPv4 Static Hosts : Static Hosts i12_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i12_default	Interface 12	[i12_default]	1.12.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.34. IPv4 Static Hosts : Static Hosts i13_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i13_default	Interface 13	[i13_default]	1.13.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.35. IPv4 Static Hosts : Static Hosts i14_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i14_default	Interface 14	[i14_default]	1.14.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.36. IPv4 Static Hosts : Static Hosts i15_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i15_default	Interface 15	[i15_default]	1.15.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.37. IPv4 Static Hosts : Static Hosts i16_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i16_default	Interface 16	[i16_default]	1.16.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.38. IPv4 Static Hosts : Static Hosts i17_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i17_default	Interface 17	[i17_default]	1.17.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.39. IPv4 Static Hosts : Static Hosts i18_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i18_default	Interface 18	[i18_default]	1.18.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.40. IPv4 Static Hosts : Static Hosts i19_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i19_default	Interface 19	[i19_default]	1.19.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

5.8.1.41. IPv4 Static Hosts : Static Hosts i20_default

ID	Container	Tags	Base IP Address	Count	Gateway IP Address	Netmask	PSN Address	PSN Netmask	DNS Settings
Static Hosts i20_default	Interface 20	[i20_default]	1.20.0.1	65,534	1.0.0.1	8		8	

Conditional DNS Settings	LDAP Settings	MPLS Settings List	Maximum bandwidth per host (Kbps)	Per-host Stats	NAT	Proxy	IP Address Algorithm
				false	false	false	random_ip

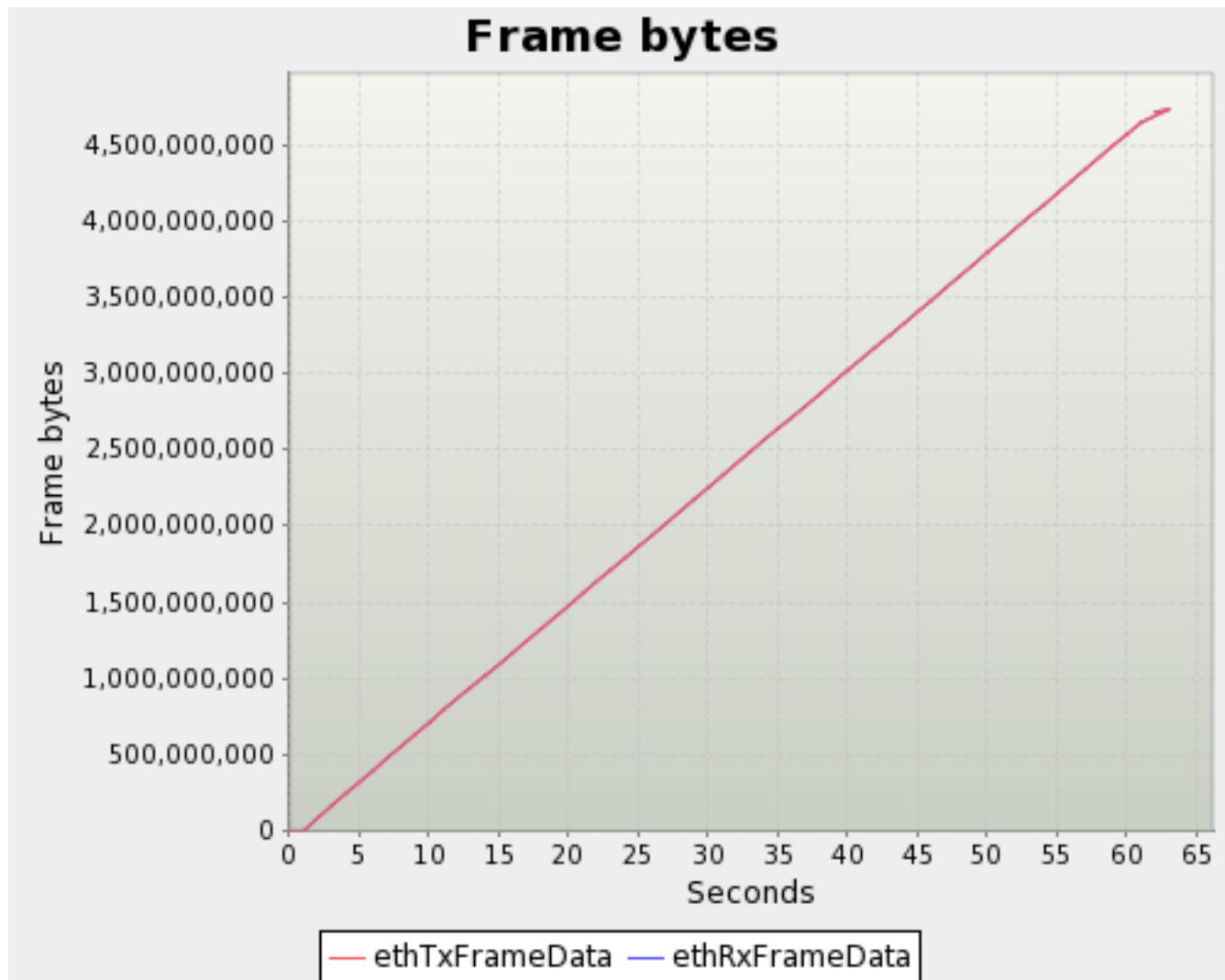
6. Detailed Summarized Statistics

A summary of the statistics across the entire test.

6.1. Interface (layer 1-2)

6.1.1. [all]

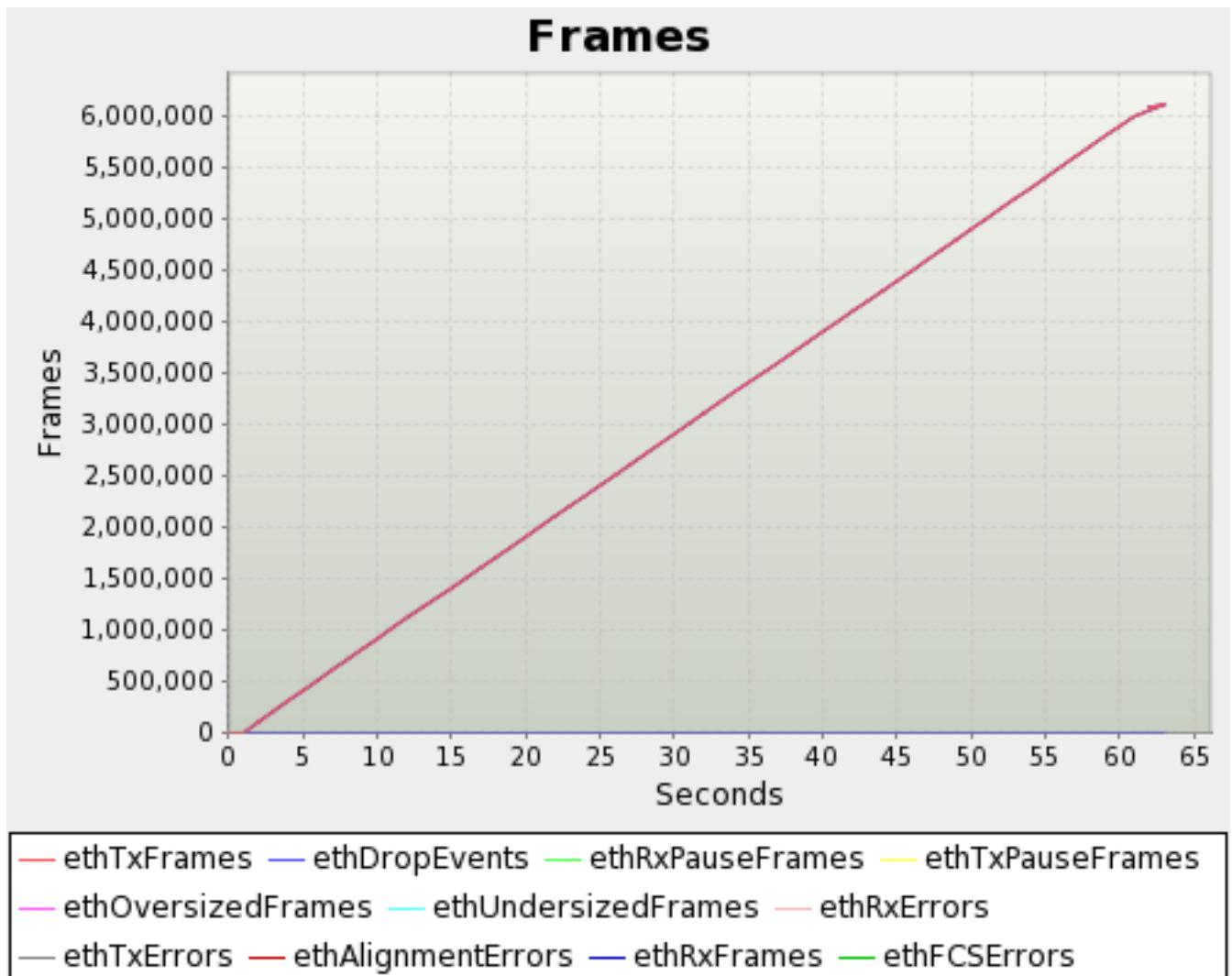
6.1.1.1. Frame bytes



time	ethRxFrameData	ethTxFrameData
0.000	0	0
1.000	0	0
2.000	83,757,690	83,830,441
3.000	164,134,346	164,841,461
4.000	243,436,899	243,908,297
5.000	319,419,807	320,202,494
6.000	396,949,439	396,960,985
7.000	479,469,370	479,586,777
8.000	554,650,478	555,724,572
9.000	633,546,920	634,590,347
10.000	709,457,196	709,864,472
11.000	791,990,318	793,433,904
12.000	869,628,371	870,772,871
13.000	943,701,836	943,705,966
14.000	1,017,841,408	1,017,849,690
15.000	1,091,482,600	1,092,348,779
16.000	1,169,256,219	1,169,895,837
17.000	1,248,465,349	1,250,148,235
18.000	1,324,588,849	1,325,839,613
19.000	1,401,238,995	1,401,863,907
20.000	1,478,166,053	1,478,268,617
21.000	1,558,464,845	1,559,470,133
22.000	1,637,797,247	1,637,814,113
23.000	1,713,371,495	1,713,852,235
24.000	1,788,771,179	1,789,096,913

time	ethRxFrameData	ethTxFrameData
25.000	1,866,431,392	1,866,697,350
26.000	1,941,679,817	1,942,415,255
27.000	2,019,944,960	2,020,029,273
28.000	2,098,943,709	2,100,012,737
29.000	2,176,892,164	2,177,742,116
30.000	2,253,942,199	2,253,961,964
31.000	2,331,310,364	2,331,321,944
32.000	2,410,676,114	2,410,888,550
33.000	2,488,750,175	2,488,785,229
34.000	2,567,411,499	2,567,613,466
35.000	2,641,881,375	2,642,336,855
36.000	2,714,853,238	2,715,615,107
37.000	2,791,423,845	2,791,481,337
38.000	2,868,017,498	2,868,407,273
39.000	2,948,253,349	2,948,357,410
40.000	3,025,185,898	3,025,844,619
41.000	3,100,336,720	3,101,103,161
42.000	3,178,287,383	3,178,583,767
43.000	3,252,319,635	3,252,372,867
44.000	3,329,090,349	3,329,210,257
45.000	3,407,283,544	3,407,546,775
46.000	3,482,574,048	3,484,031,424
47.000	3,563,652,558	3,564,219,035
48.000	3,640,823,593	3,640,980,017
49.000	3,717,828,202	3,717,869,840
50.000	3,798,242,518	3,798,338,848
51.000	3,874,547,792	3,874,949,124
52.000	3,954,134,045	3,954,137,339
53.000	4,032,818,112	4,032,957,285
54.000	4,105,352,669	4,105,538,583
55.000	4,184,772,159	4,184,894,714
56.000	4,264,553,946	4,265,360,798
57.000	4,343,168,047	4,343,335,716
58.000	4,420,812,015	4,421,054,795
59.000	4,500,004,737	4,500,036,381
60.000	4,572,949,564	4,572,971,500
61.000	4,649,551,811	4,650,666,322
63.000	4,737,393,023	4,737,415,567
62.000	4,719,410,106	4,719,432,650

6.1.1.2. Frames



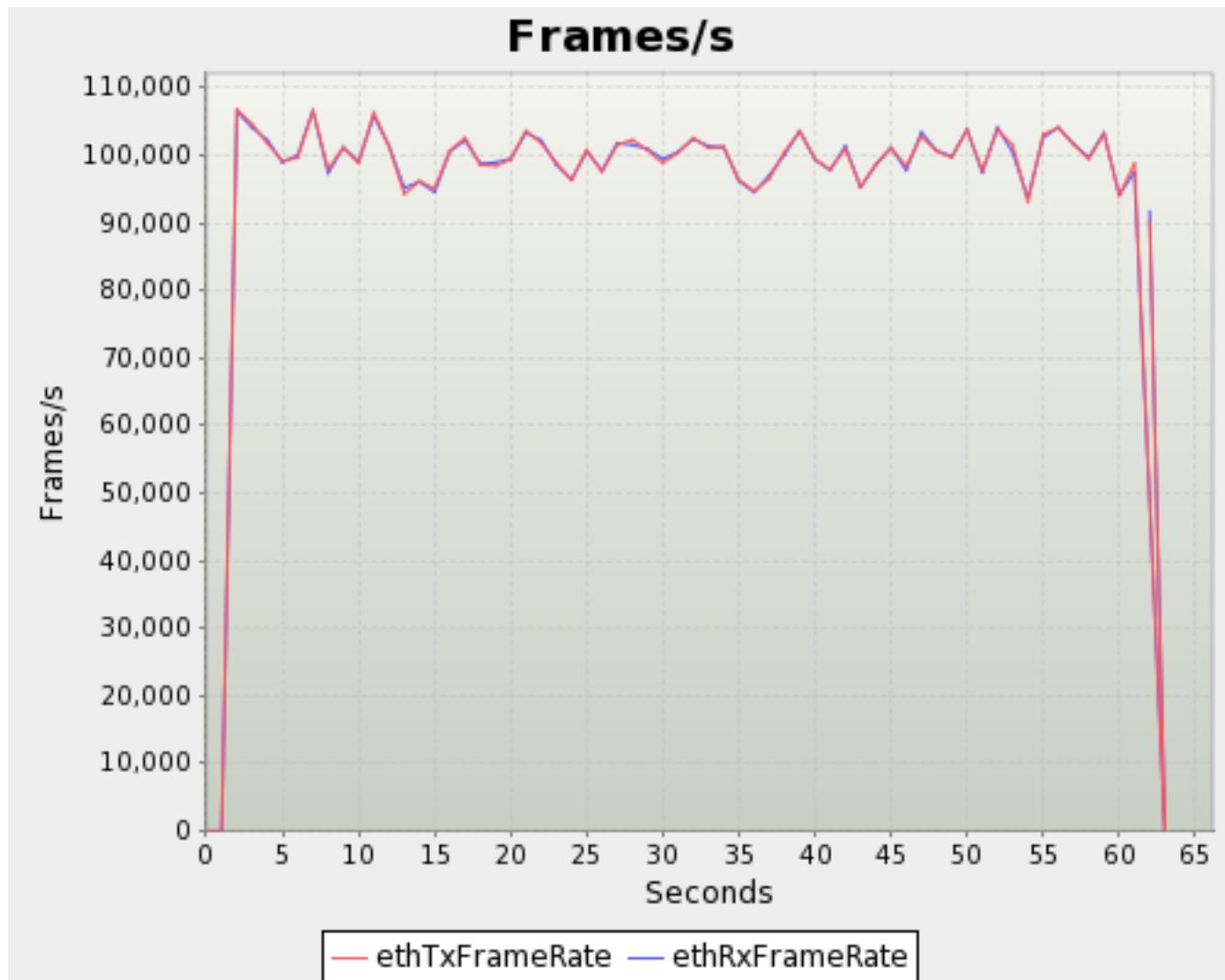
time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame s	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUndersi zedFrame s
0.000	0	0	0	0	0	0	0	0	0	0	0
1.000	0	0	0	0	0	0	0	0	0	0	0
2.000	0	0	0	0	0	107,367	0	0	107,691	0	0
3.000	0	0	0	0	0	210,689	0	0	211,491	0	0
4.000	0	0	0	0	0	313,269	0	0	313,590	0	0
5.000	0	0	0	0	0	411,973	0	0	412,518	0	0
6.000	0	0	0	0	0	512,022	0	0	512,187	0	0
7.000	0	0	0	0	0	618,681	0	0	618,833	0	0
8.000	0	0	0	0	0	716,458	0	0	717,187	0	0
9.000	0	0	0	0	0	817,958	0	0	818,670	0	0
10.000	0	0	0	0	0	916,286	0	0	916,743	0	0
11.000	0	0	0	0	0	1,022,771	0	0	1,023,741	0	0
12.000	0	0	0	0	0	1,123,469	0	0	1,124,407	0	0
13.000	0	0	0	0	0	1,219,226	0	0	1,219,285	0	0
14.000	0	0	0	0	0	1,315,043	0	0	1,315,182	0	0
15.000	0	0	0	0	0	1,409,733	0	0	1,410,370	0	0
16.000	0	0	0	0	0	1,510,265	0	0	1,510,976	0	0
17.000	0	0	0	0	0	1,612,482	0	0	1,613,614	0	0
18.000	0	0	0	0	0	1,711,070	0	0	1,712,037	0	0
19.000	0	0	0	0	0	1,810,043	0	0	1,810,468	0	0
20.000	0	0	0	0	0	1,909,545	0	0	1,909,890	0	0
21.000	0	0	0	0	0	2,013,993	0	0	2,013,671	0	0

Test Results for HTTP_B2B

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time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame rs	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame rs
22.000	0	0	0	0	0	2,115,138	0	0	2,115,378	0	0
23.000	0	0	0	0	0	2,213,572	0	0	2,214,120	0	0
24.000	0	0	0	0	0	2,310,294	0	0	2,310,796	0	0
25.000	0	0	0	0	0	2,411,097	0	0	2,411,821	0	0
26.000	0	0	0	0	0	2,508,381	0	0	2,508,875	0	0
27.000	0	0	0	0	0	2,610,415	0	0	2,610,632	0	0
28.000	0	0	0	0	0	2,712,078	0	0	2,713,055	0	0
29.000	0	0	0	0	0	2,812,835	0	0	2,813,641	0	0
30.000	0	0	0	0	0	2,912,309	0	0	2,912,500	0	0
31.000	0	0	0	0	0	3,013,140	0	0	3,013,240	0	0
32.000	0	0	0	0	0	3,115,455	0	0	3,115,759	0	0
33.000	0	0	0	0	0	3,216,944	0	0	3,216,969	0	0
34.000	0	0	0	0	0	3,317,731	0	0	3,317,870	0	0
35.000	0	0	0	0	0	3,414,340	0	0	3,414,672	0	0
36.000	0	0	0	0	0	3,508,991	0	0	3,509,516	0	0
37.000	0	0	0	0	0	3,606,607	0	0	3,606,653	0	0
38.000	0	0	0	0	0	3,706,551	0	0	3,706,981	0	0
39.000	0	0	0	0	0	3,809,348	0	0	3,809,733	0	0
40.000	0	0	0	0	0	3,909,549	0	0	3,910,028	0	0
41.000	0	0	0	0	0	4,006,772	0	0	4,007,363	0	0
42.000	0	0	0	0	0	4,107,936	0	0	4,108,136	0	0
43.000	0	0	0	0	0	4,203,517	0	0	4,203,781	0	0
44.000	0	0	0	0	0	4,301,977	0	0	4,302,414	0	0
45.000	0	0	0	0	0	4,403,255	0	0	4,403,630	0	0
46.000	0	0	0	0	0	4,500,882	0	0	4,501,874	0	0
47.000	0	0	0	0	0	4,605,327	0	0	4,605,719	0	0
48.000	0	0	0	0	0	4,705,448	0	0	4,705,769	0	0
49.000	0	0	0	0	0	4,804,794	0	0	4,804,975	0	0
50.000	0	0	0	0	0	4,909,187	0	0	4,909,250	0	0
51.000	0	0	0	0	0	5,007,148	0	0	5,007,534	0	0
52.000	0	0	0	0	0	5,110,137	0	0	5,110,184	0	0
53.000	0	0	0	0	0	5,211,119	0	0	5,212,250	0	0
54.000	0	0	0	0	0	5,305,354	0	0	5,305,786	0	0
55.000	0	0	0	0	0	5,408,632	0	0	5,409,526	0	0
56.000	0	0	0	0	0	5,511,317	0	0	5,512,201	0	0
57.000	0	0	0	0	0	5,613,007	0	0	5,613,870	0	0
58.000	0	0	0	0	0	5,713,000	0	0	5,713,634	0	0
59.000	0	0	0	0	0	5,815,967	0	0	5,816,419	0	0
60.000	0	0	0	0	0	5,910,057	0	0	5,910,391	0	0
61.000	0	0	0	0	0	6,009,047	0	0	6,010,654	0	0
63.000	0	0	0	0	0	6,123,491	0	0	6,123,813	0	0
62.000	0	0	0	0	0	6,099,499	0	0	6,099,821	0	0

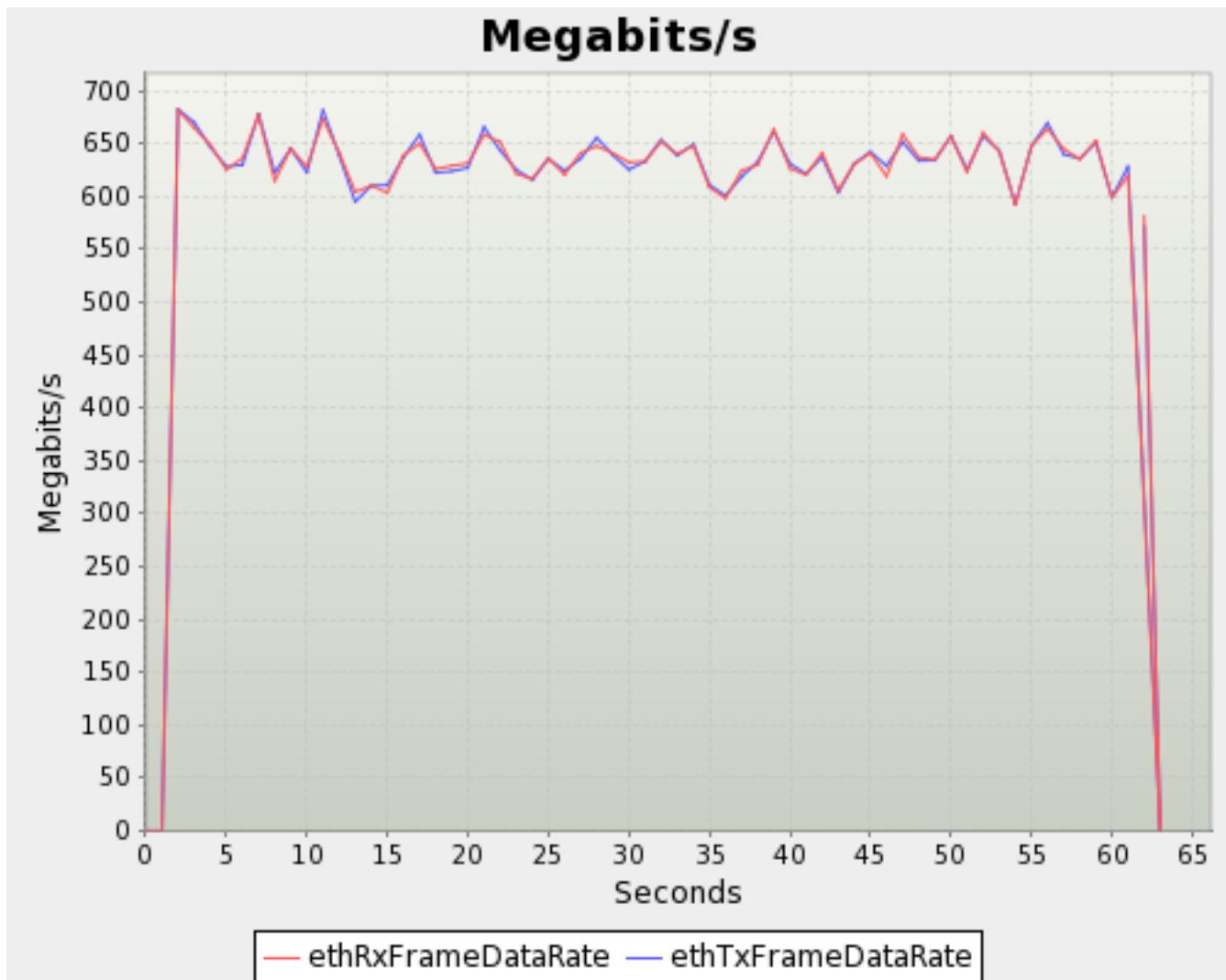
6.1.1.3. Frames/s



time	ethRxFrameRate	ethTxFrameRate
0.000	0	0
1.000	0	0
2.000	106,500	106,800
3.000	104,200	104,600
4.000	102,300	101,800
5.000	99,000	99,230
6.000	100,000	99,670
7.000	106,700	106,600
8.000	97,390	97,960
9.000	101,200	101,200
10.000	99,120	98,860
11.000	105,800	106,400
12.000	101,400	101,400
13.000	95,190	94,310
14.000	96,110	96,190
15.000	94,600	95,090
16.000	100,600	100,700
17.000	102,200	102,600
18.000	98,790	98,620
19.000	98,970	98,430
20.000	99,500	99,420
21.000	103,300	103,700
22.000	102,200	101,800
23.000	98,630	98,940
24.000	96,430	96,390

time	ethRxFrameRate	ethTxFrameRate
25.000	100,600	100,800
26.000	97,770	97,540
27.000	101,800	101,600
28.000	101,600	102,300
29.000	101,000	100,800
30.000	99,470	98,860
31.000	100,500	100,400
32.000	102,400	102,600
33.000	101,400	101,100
34.000	101,200	101,300
35.000	96,220	96,420
36.000	94,560	94,750
37.000	97,030	96,560
38.000	100,100	100,500
39.000	103,600	103,600
40.000	99,410	99,500
41.000	97,810	97,920
42.000	101,400	101,000
43.000	95,300	95,360
44.000	98,560	98,730
45.000	101,200	101,100
46.000	97,820	98,440
47.000	103,400	102,800
48.000	100,700	100,700
49.000	99,850	99,700
50.000	103,900	103,800
51.000	97,470	97,800
52.000	104,100	103,800
53.000	100,500	101,600
54.000	93,770	93,070
55.000	102,700	103,100
56.000	104,100	104,100
57.000	101,700	101,700
58.000	99,690	99,470
59.000	103,400	103,200
60.000	94,180	94,070
61.000	97,530	98,780
63.000	0	0
62.000	91,740	90,430

6.1.1.4. Megabits/s

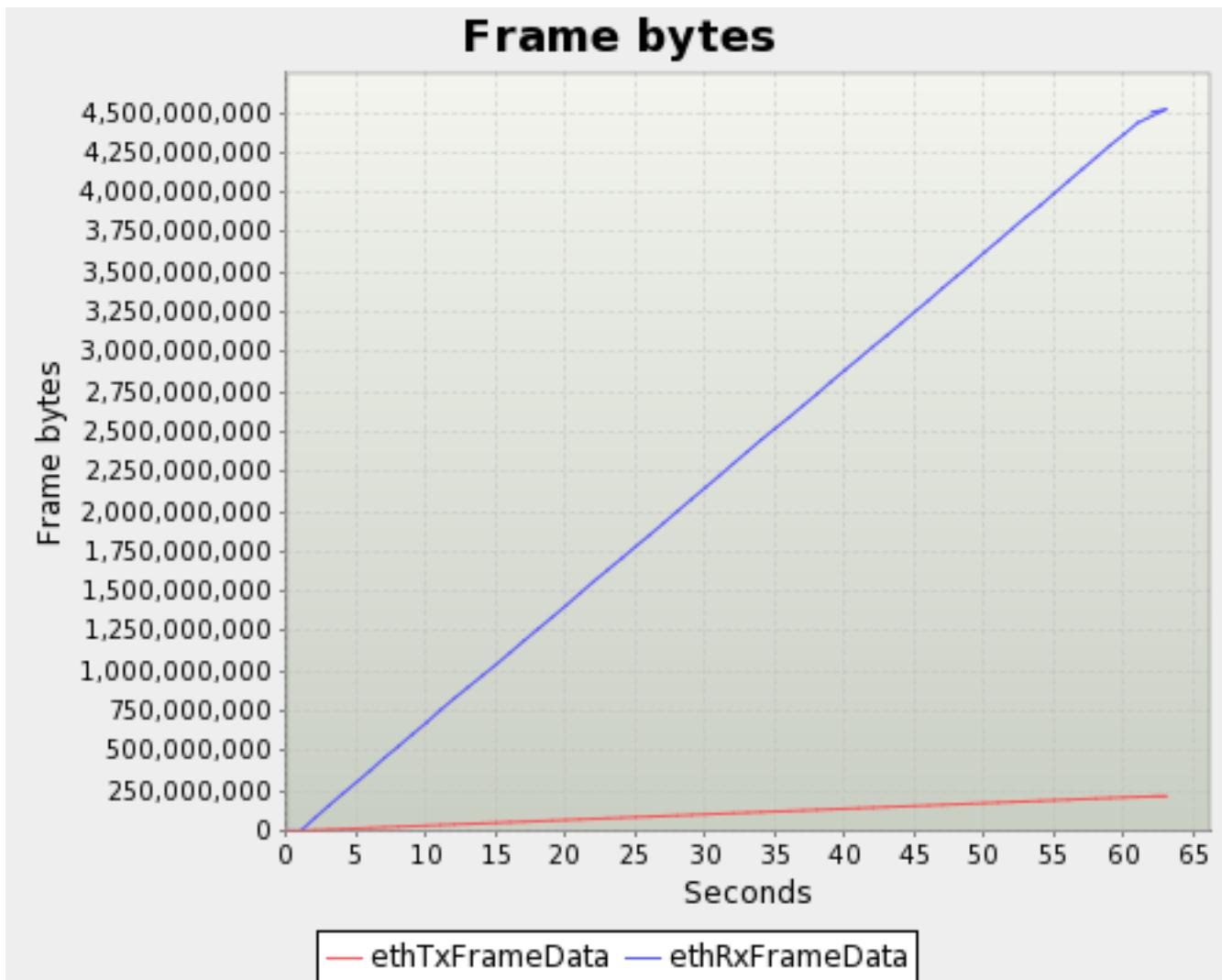


time	ethRxFrameDataRate	ethTxFrameDataRate
0.000	0	0
1.000	0	0
2.000	681.8	682.4
3.000	664.9	670.1
4.000	648.9	646.9
5.000	625.5	628.1
6.000	636.2	630
7.000	677.2	678.1
8.000	614.6	622.3
9.000	645.5	645.2
10.000	628	622.9
11.000	673.3	681.6
12.000	641.7	639.3
13.000	604.3	595.1
14.000	610.3	610.3
15.000	603.7	610.6
16.000	638.9	637.1
17.000	650	658.4
18.000	626	622.5
19.000	629	623.9
20.000	631.3	627.1
21.000	658.3	665.6
22.000	651.7	643.7
23.000	621.6	625.4
24.000	616.8	615.6

time	ethRxFrameDataRate	ethTxFrameDataRate
25.000	636.1	635.7
26.000	620.7	624.4
27.000	641.2	635.9
28.000	647.6	655.6
29.000	641	639.2
30.000	632.3	625.6
31.000	633.2	633.1
32.000	651.9	653.6
33.000	640.2	638.7
34.000	648	649.4
35.000	608.8	610.8
36.000	598.3	600.8
37.000	624.4	618.8
38.000	630	632.7
39.000	663.6	661.3
40.000	626.5	630.9
41.000	620.5	621.4
42.000	641.1	637.2
43.000	605.7	603.8
44.000	630.5	631.1
45.000	641.1	642.2
46.000	619.2	628.9
47.000	658.8	651.6
48.000	637.2	633.9
49.000	635.1	634.2
50.000	656.7	657.2
51.000	623	625.5
52.000	660.4	657.2
53.000	642.4	643.7
54.000	592.4	592.7
55.000	648	647.6
56.000	664	669.5
57.000	645.2	640.1
58.000	635.2	635.8
59.000	652.6	650.9
60.000	599.2	599.1
61.000	619.4	628.2
63.000	0	0
62.000	581.5	572.4

6.1.2. [interface=1]

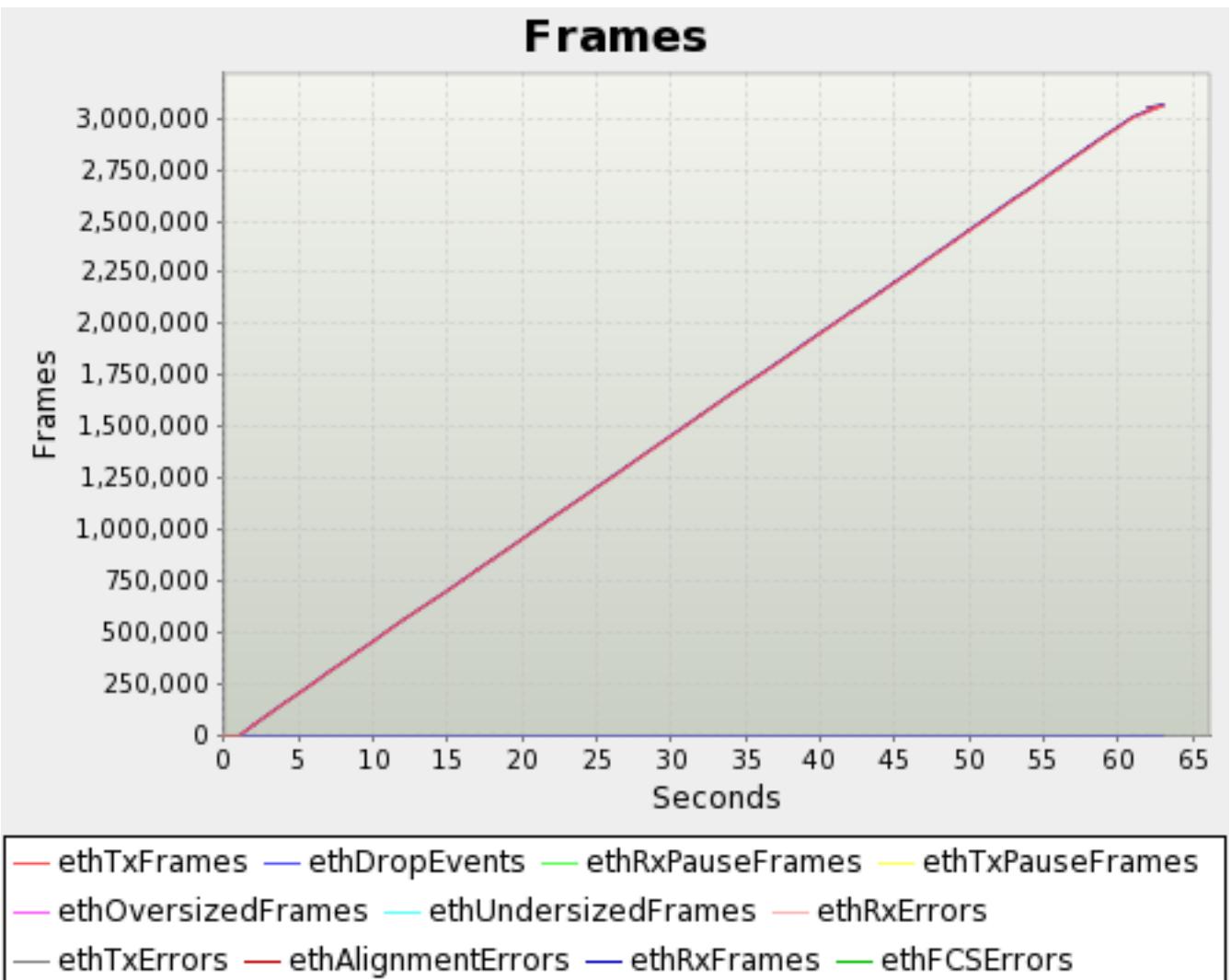
6.1.2.1. Frame bytes



time	ethRxFrameData	ethTxFrameData
0.000	0	0
1.000	0	0
2.000	79,956,924	3,821,398
3.000	156,699,812	7,458,876
4.000	232,372,321	11,064,648
5.000	304,851,671	14,568,770
6.000	378,857,671	18,103,244
7.000	457,606,310	21,868,240
8.000	529,307,904	25,342,924
9.000	604,637,810	28,909,600
10.000	677,065,446	32,405,302
11.000	755,847,722	36,142,596
12.000	829,912,269	39,728,496
13.000	900,605,298	43,100,668
14.000	971,358,780	46,492,358
15.000	1,041,670,422	49,816,194
16.000	1,115,896,885	53,380,666
17.000	1,191,503,801	56,961,478
18.000	1,264,139,621	60,458,258
19.000	1,337,298,123	63,940,802
20.000	1,410,708,961	67,477,422
21.000	1,487,370,313	71,094,532
22.000	1,563,109,115	74,704,998
23.000	1,635,181,857	78,205,668
24.000	1,707,193,413	81,598,652

time	ethRxFrameData	ethTxFrameData
25.000	1,781,278,818	85,192,924
26.000	1,853,091,293	88,588,524
27.000	1,927,721,862	92,234,648
28.000	2,003,146,603	95,815,726
29.000	2,077,540,534	99,369,352
30.000	2,151,083,275	102,872,180
31.000	2,224,857,850	106,459,540
32.000	2,300,620,774	110,067,100
33.000	2,375,090,833	113,659,482
34.000	2,450,226,023	117,185,686
35.000	2,521,268,365	120,614,480
36.000	2,590,885,234	123,968,284
37.000	2,664,058,839	127,365,426
38.000	2,737,090,536	130,939,452
39.000	2,813,734,425	134,542,094
40.000	2,887,096,470	138,092,018
41.000	2,958,811,872	141,529,888
42.000	3,033,174,817	145,112,636
43.000	3,103,835,865	148,500,570
44.000	3,177,154,863	151,961,922
45.000	3,251,761,732	155,537,018
46.000	3,323,594,926	158,979,192
47.000	3,401,001,832	162,651,216
48.000	3,474,621,229	166,218,184
49.000	3,548,123,220	169,716,260
50.000	3,624,833,280	173,409,098
51.000	3,697,705,882	176,850,240
52.000	3,773,651,561	180,485,778
53.000	3,848,796,200	184,098,410
54.000	3,917,984,857	187,390,356
55.000	3,993,733,241	191,098,798
56.000	4,069,904,656	194,675,136
57.000	4,144,924,787	198,299,678
58.000	4,219,051,103	201,795,496
59.000	4,294,586,523	205,449,858
60.000	4,364,217,356	208,755,662
61.000	4,437,323,079	212,291,718
63.000	4,521,119,785	216,295,782
62.000	4,504,001,508	215,431,142

6.1.2.2. Frames



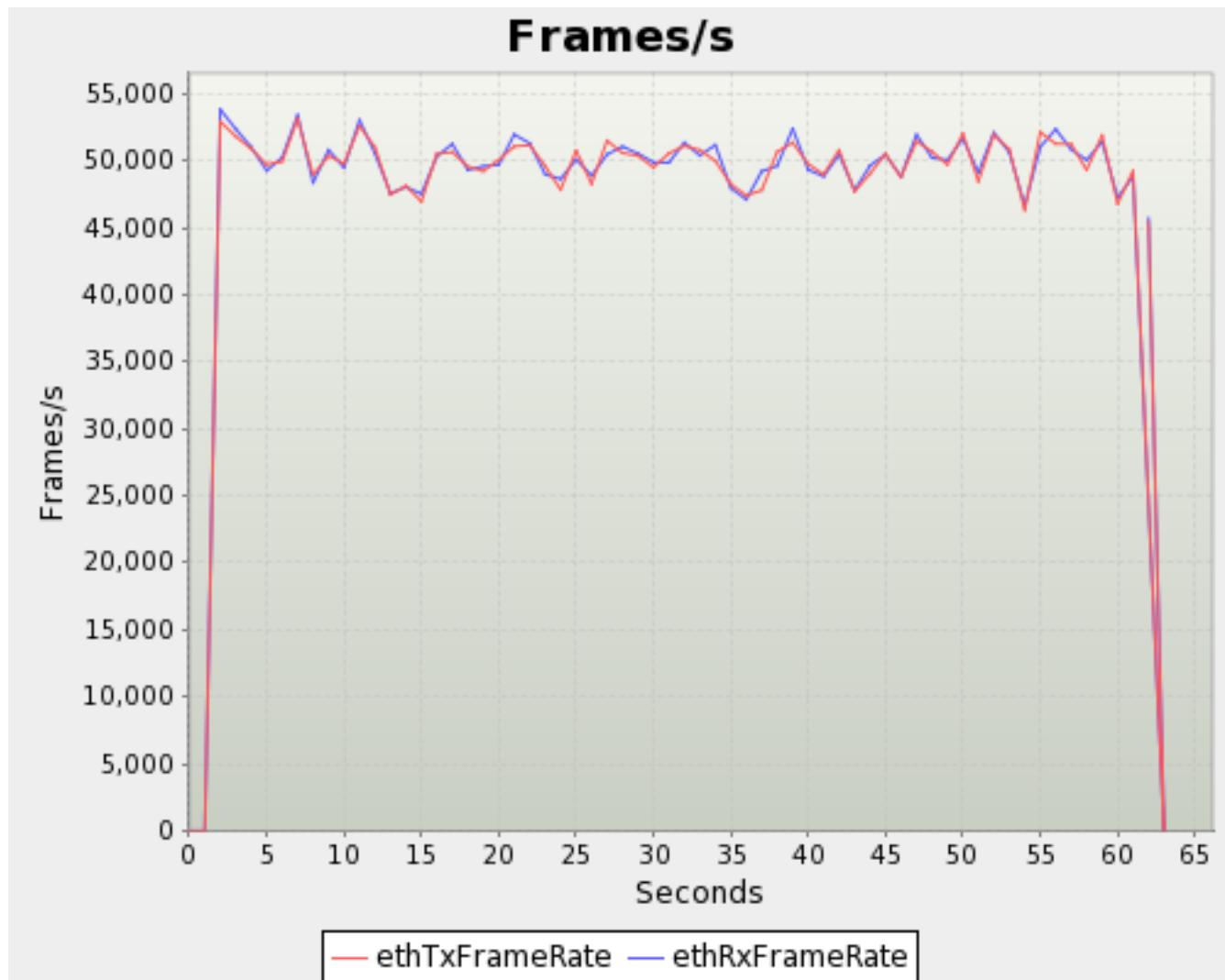
time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame s	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUndersi zedFrame s
0.000	0	0	0	0	0	0	0	0	0	0	0
1.000	0	0	0	0	0	0	0	0	0	0	0
2.000	0	0	0	0	0	54,282	0	0	53,373	0	0
3.000	0	0	0	0	0	106,244	0	0	104,786	0	0
4.000	0	0	0	0	0	157,428	0	0	155,842	0	0
5.000	0	0	0	0	0	206,561	0	0	205,421	0	0
6.000	0	0	0	0	0	256,804	0	0	255,382	0	0
7.000	0	0	0	0	0	310,227	0	0	308,528	0	0
8.000	0	0	0	0	0	358,793	0	0	357,670	0	0
9.000	0	0	0	0	0	409,761	0	0	408,204	0	0
10.000	0	0	0	0	0	458,871	0	0	457,605	0	0
11.000	0	0	0	0	0	512,239	0	0	510,532	0	0
12.000	0	0	0	0	0	562,448	0	0	561,198	0	0
13.000	0	0	0	0	0	610,321	0	0	608,964	0	0
14.000	0	0	0	0	0	658,227	0	0	656,955	0	0
15.000	0	0	0	0	0	705,814	0	0	703,973	0	0
16.000	0	0	0	0	0	756,108	0	0	754,455	0	0
17.000	0	0	0	0	0	807,372	0	0	805,109	0	0
18.000	0	0	0	0	0	856,602	0	0	854,597	0	0
19.000	0	0	0	0	0	906,201	0	0	903,841	0	0
20.000	0	0	0	0	0	955,913	0	0	953,919	0	0
21.000	0	0	0	0	0	1,007,939	0	0	1,005,054	0	0

Test Results for HTTP_B2B

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time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame rs	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame rs
22.000	0	0	0	0	0	1,059,202	0	0	1,056,176	0	0
23.000	0	0	0	0	0	1,108,105	0	0	1,105,696	0	0
24.000	0	0	0	0	0	1,156,901	0	0	1,153,688	0	0
25.000	0	0	0	0	0	1,207,112	0	0	1,204,558	0	0
26.000	0	0	0	0	0	1,255,777	0	0	1,252,604	0	0
27.000	0	0	0	0	0	1,306,358	0	0	1,304,222	0	0
28.000	0	0	0	0	0	1,357,481	0	0	1,354,863	0	0
29.000	0	0	0	0	0	1,407,922	0	0	1,405,156	0	0
30.000	0	0	0	0	0	1,457,819	0	0	1,454,676	0	0
31.000	0	0	0	0	0	1,507,847	0	0	1,505,390	0	0
32.000	0	0	0	0	0	1,559,159	0	0	1,556,464	0	0
33.000	0	0	0	0	0	1,609,621	0	0	1,607,325	0	0
34.000	0	0	0	0	0	1,660,603	0	0	1,657,131	0	0
35.000	0	0	0	0	0	1,708,781	0	0	1,705,580	0	0
36.000	0	0	0	0	0	1,755,949	0	0	1,753,046	0	0
37.000	0	0	0	0	0	1,805,468	0	0	1,801,145	0	0
38.000	0	0	0	0	0	1,855,000	0	0	1,851,726	0	0
39.000	0	0	0	0	0	1,906,998	0	0	1,902,681	0	0
40.000	0	0	0	0	0	1,956,739	0	0	1,952,847	0	0
41.000	0	0	0	0	0	2,005,296	0	0	2,001,548	0	0
42.000	0	0	0	0	0	2,055,683	0	0	2,052,254	0	0
43.000	0	0	0	0	0	2,103,628	0	0	2,100,129	0	0
44.000	0	0	0	0	0	2,153,222	0	0	2,149,129	0	0
45.000	0	0	0	0	0	2,203,754	0	0	2,199,709	0	0
46.000	0	0	0	0	0	2,252,473	0	0	2,248,410	0	0
47.000	0	0	0	0	0	2,304,950	0	0	2,300,384	0	0
48.000	0	0	0	0	0	2,354,894	0	0	2,350,780	0	0
49.000	0	0	0	0	0	2,404,709	0	0	2,400,246	0	0
50.000	0	0	0	0	0	2,456,650	0	0	2,452,535	0	0
51.000	0	0	0	0	0	2,506,015	0	0	2,501,252	0	0
52.000	0	0	0	0	0	2,557,557	0	0	2,552,627	0	0
53.000	0	0	0	0	0	2,608,455	0	0	2,603,753	0	0
54.000	0	0	0	0	0	2,655,364	0	0	2,650,312	0	0
55.000	0	0	0	0	0	2,706,711	0	0	2,702,773	0	0
56.000	0	0	0	0	0	2,758,340	0	0	2,753,336	0	0
57.000	0	0	0	0	0	2,809,201	0	0	2,804,595	0	0
58.000	0	0	0	0	0	2,859,418	0	0	2,854,076	0	0
59.000	0	0	0	0	0	2,910,638	0	0	2,905,781	0	0
60.000	0	0	0	0	0	2,957,855	0	0	2,952,537	0	0
61.000	0	0	0	0	0	3,007,415	0	0	3,002,525	0	0
63.000	0	0	0	0	0	3,064,148	0	0	3,059,665	0	0
62.000	0	0	0	0	0	3,052,508	0	0	3,047,313	0	0

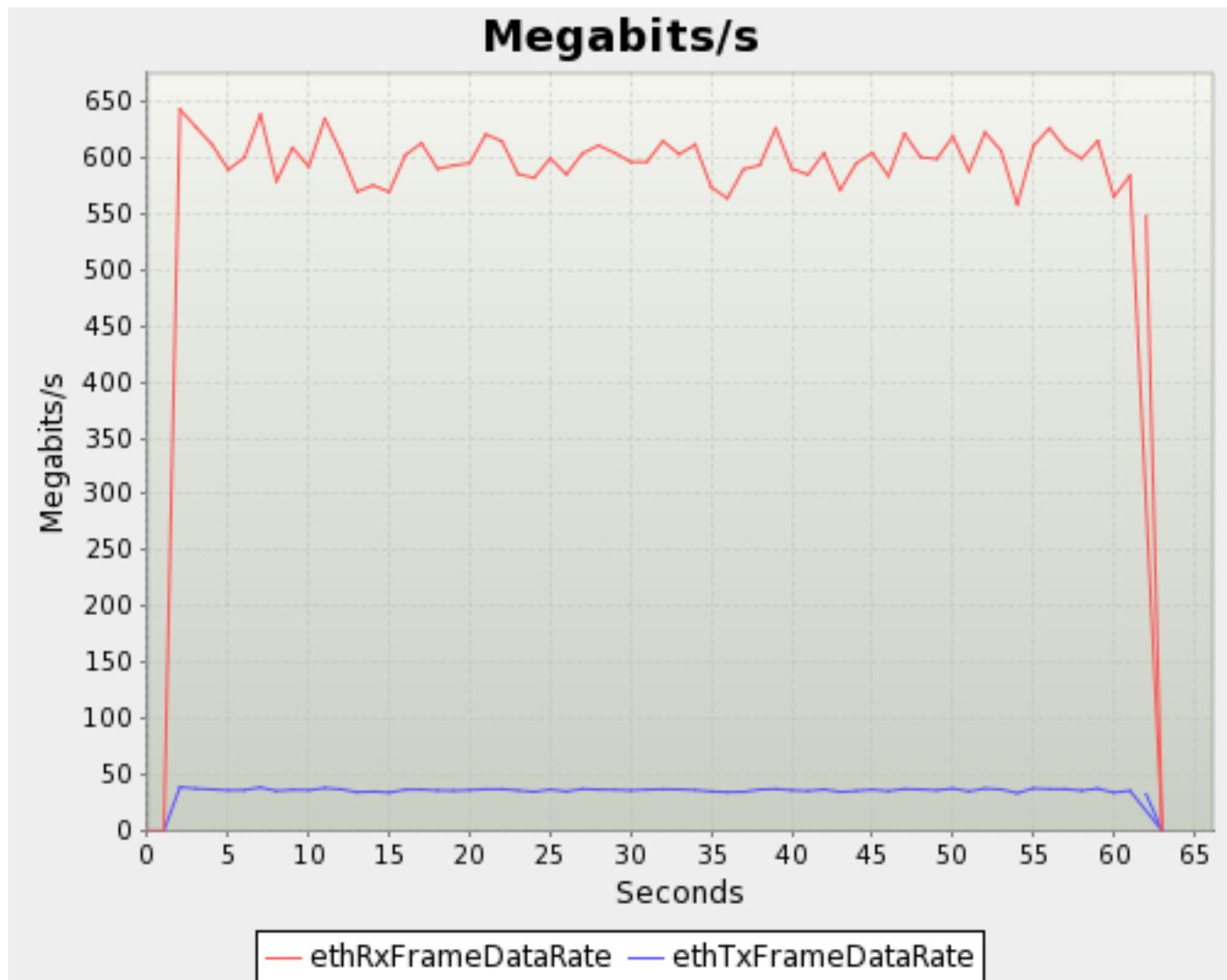
6.1.2.3. Frames/s



time	ethRxFrameRate	ethTxFrameRate
0.000	0	0
1.000	0	0
2.000	53,850	52,950
3.000	52,380	51,830
4.000	51,030	50,900
5.000	49,280	49,730
6.000	50,240	49,960
7.000	53,420	53,150
8.000	48,370	48,950
9.000	50,820	50,380
10.000	49,510	49,800
11.000	53,050	52,610
12.000	50,560	51,020
13.000	47,590	47,480
14.000	48,050	48,140
15.000	47,540	46,970
16.000	50,340	50,530
17.000	51,260	50,650
18.000	49,330	49,590
19.000	49,600	49,240
20.000	49,710	50,080
21.000	51,970	51,080
22.000	51,310	51,170
23.000	49,000	49,620
24.000	48,650	47,850

time	ethRxFrameRate	ethTxFrameRate
25.000	50,110	50,770
26.000	48,910	48,290
27.000	50,480	51,510
28.000	51,070	50,590
29.000	50,540	50,390
30.000	49,900	49,520
31.000	49,880	50,560
32.000	51,360	51,130
33.000	50,410	50,810
34.000	51,190	50,010
35.000	47,990	48,260
36.000	47,120	47,420
37.000	49,220	47,810
38.000	49,630	50,680
39.000	52,420	51,370
40.000	49,350	49,770
41.000	48,850	48,990
42.000	50,490	50,810
43.000	47,800	47,730
44.000	49,640	49,050
45.000	50,480	50,530
46.000	48,820	48,800
47.000	51,960	51,460
48.000	50,250	50,700
49.000	50,070	49,710
50.000	51,680	52,030
51.000	49,120	48,470
52.000	52,120	51,950
53.000	50,640	50,870
54.000	46,680	46,330
55.000	51,040	52,150
56.000	52,360	51,280
57.000	50,860	51,260
58.000	50,070	49,330
59.000	51,430	51,910
60.000	47,260	46,800
61.000	48,830	49,250
63.000	0	0
62.000	45,730	45,420

6.1.2.4. Megabits/s

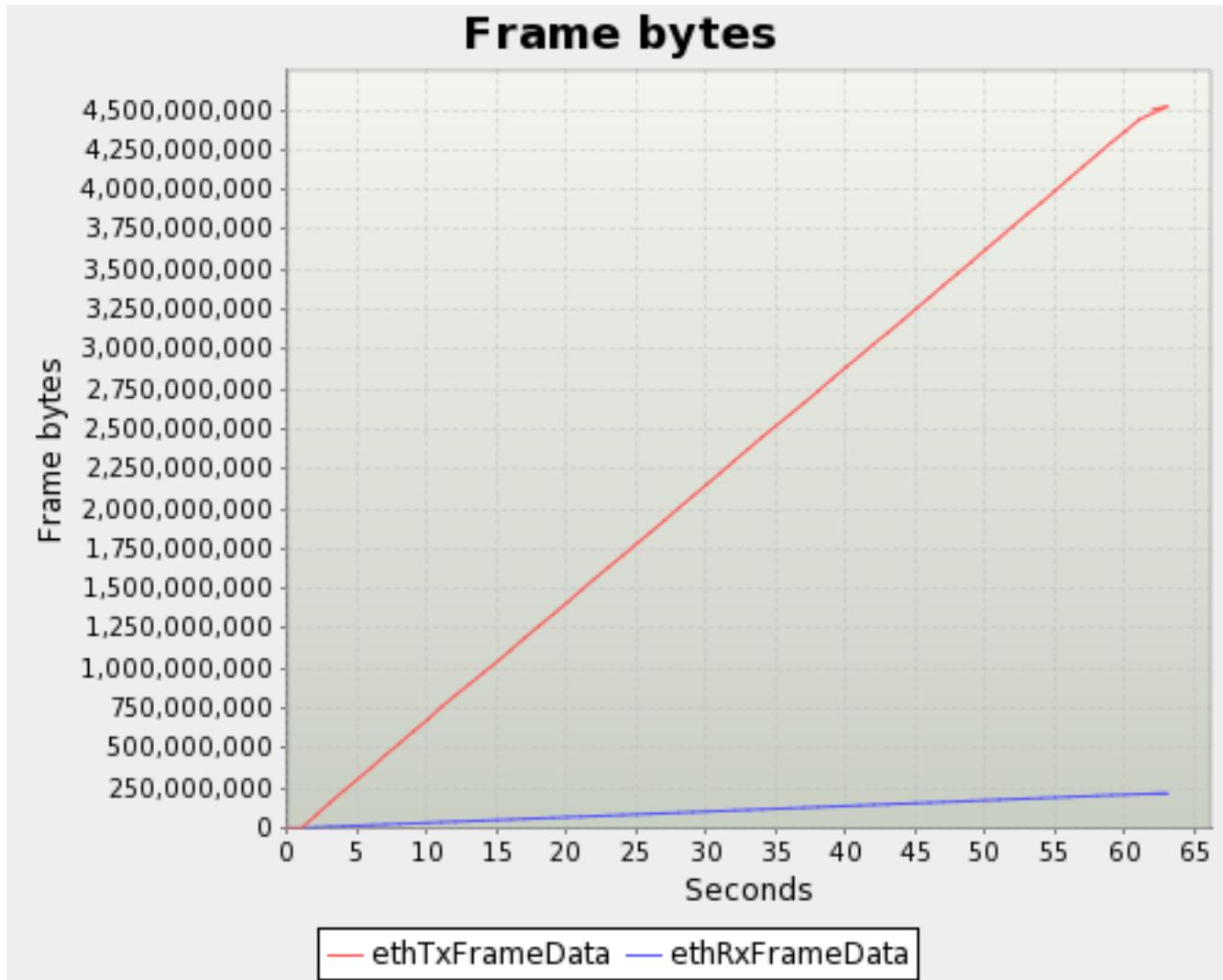


time	ethRxFrameDataRate	ethTxFrameDataRate
0.000	0	0
1.000	0	0
2.000	643.2	38.8
3.000	627.3	37.63
4.000	611.7	36.9
5.000	589.5	36.07
6.000	600.1	36.27
7.000	638.5	38.62
8.000	579.1	35.52
9.000	609	36.51
10.000	592	36.16
11.000	635	38.14
12.000	604.8	37.05
13.000	569.8	34.41
14.000	575.4	34.92
15.000	569.5	34.08
16.000	602.5	36.63
17.000	613.1	36.75
18.000	590.1	35.96
19.000	593.2	35.74
20.000	595.2	36.31
21.000	621	37.08
22.000	614.7	37.1
23.000	585.6	36
24.000	582.2	34.72

time	ethRxFrameDataRate	ethTxFrameDataRate
25.000	599.5	36.82
26.000	585.2	35.03
27.000	603.9	37.35
28.000	611	36.71
29.000	604.4	36.55
30.000	596.3	35.95
31.000	596.4	36.7
32.000	614.9	37.07
33.000	603.2	36.84
34.000	611.7	36.32
35.000	573.8	35.04
36.000	563.9	34.39
37.000	589.8	34.66
38.000	593.4	36.76
39.000	626.5	37.27
40.000	590.1	36.14
41.000	585	35.51
42.000	604.2	36.85
43.000	571.2	34.66
44.000	595.1	35.57
45.000	604.3	36.66
46.000	583.6	35.4
47.000	621.4	37.32
48.000	600.5	36.82
49.000	599	36.08
50.000	618.9	37.72
51.000	587.9	35.15
52.000	622.7	37.72
53.000	606.3	36.9
54.000	558.2	33.62
55.000	610.5	37.83
56.000	626.4	37.22
57.000	608.3	37.2
58.000	599.2	35.78
59.000	614.9	37.66
60.000	565.2	33.96
61.000	584	35.75
63.000	0	0
62.000	548.3	32.74

6.1.3. [interface=2]

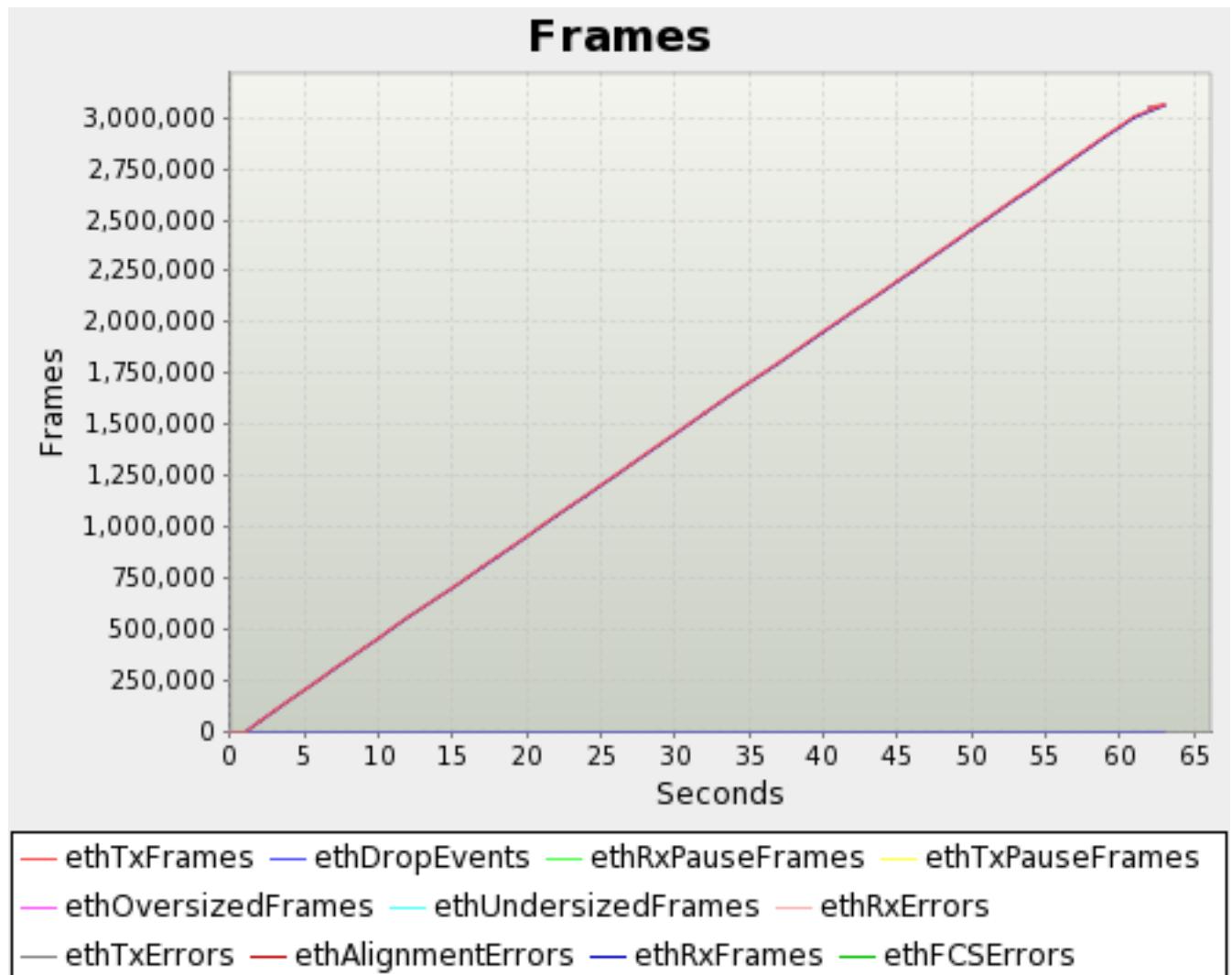
6.1.3.1. Frame bytes



time	ethRxFrameData	ethTxFrameData
0.000	0	0
1.000	0	0
2.000	3,800,766	80,009,043
3.000	7,434,534	157,382,585
4.000	11,064,578	232,843,649
5.000	14,568,136	305,633,724
6.000	18,091,768	378,857,741
7.000	21,863,060	457,718,537
8.000	25,342,574	530,381,648
9.000	28,909,110	605,680,747
10.000	32,391,750	677,459,170
11.000	36,142,596	757,291,308
12.000	39,716,102	831,044,375
13.000	43,096,538	900,605,298
14.000	46,482,628	971,357,332
15.000	49,812,178	1,042,532,585
16.000	53,359,334	1,116,515,171
17.000	56,961,548	1,193,186,757
18.000	60,449,228	1,265,381,355
19.000	63,940,872	1,337,923,105
20.000	67,457,092	1,410,791,195
21.000	71,094,532	1,488,375,601
22.000	74,688,132	1,563,109,115
23.000	78,189,638	1,635,646,567
24.000	81,577,766	1,707,498,261

time	ethRxFrameData	ethTxFrameData
25.000	85,152,574	1,781,504,426
26.000	88,588,524	1,853,826,731
27.000	92,223,098	1,927,794,625
28.000	95,797,106	2,004,197,011
29.000	99,351,630	2,078,372,764
30.000	102,858,924	2,151,089,784
31.000	106,452,514	2,224,862,404
32.000	110,055,340	2,300,821,450
33.000	113,659,342	2,375,125,747
34.000	117,185,476	2,450,427,780
35.000	120,613,010	2,521,722,375
36.000	123,968,004	2,591,646,823
37.000	127,365,006	2,664,115,911
38.000	130,926,962	2,737,467,821
39.000	134,518,924	2,813,815,316
40.000	138,089,428	2,887,752,601
41.000	141,524,848	2,959,573,273
42.000	145,112,566	3,033,471,131
43.000	148,483,770	3,103,872,297
44.000	151,935,486	3,177,248,335
45.000	155,521,812	3,252,009,757
46.000	158,979,122	3,325,052,232
47.000	162,650,726	3,401,567,819
48.000	166,202,364	3,474,761,833
49.000	169,704,982	3,548,153,580
50.000	173,409,238	3,624,929,750
51.000	176,841,910	3,698,098,884
52.000	180,482,484	3,773,651,561
53.000	184,021,912	3,848,858,875
54.000	187,367,812	3,918,148,227
55.000	191,038,918	3,993,795,916
56.000	194,649,290	4,070,685,662
57.000	198,243,260	4,145,036,038
58.000	201,760,912	4,219,259,299
59.000	205,418,214	4,294,586,523
60.000	208,732,208	4,364,215,838
61.000	212,228,732	4,438,374,604
63.000	216,273,238	4,521,119,785
62.000	215,408,598	4,504,001,508

6.1.3.2. Frames



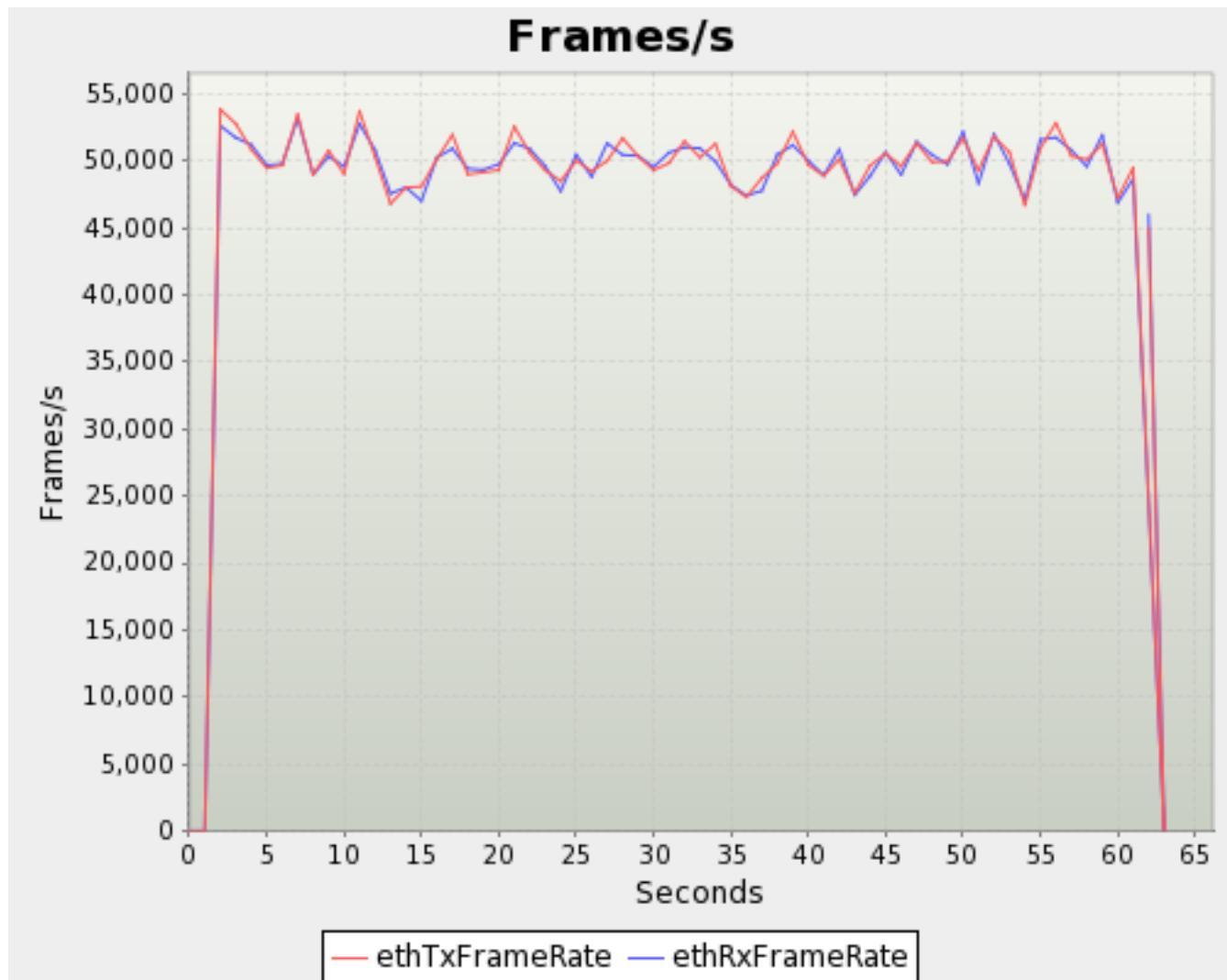
time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame s	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame s
0.000	0	0	0	0	0	0	0	0	0	0	0
1.000	0	0	0	0	0	0	0	0	0	0	0
2.000	0	0	0	0	0	53,085	0	0	54,318	0	0
3.000	0	0	0	0	0	104,445	0	0	106,705	0	0
4.000	0	0	0	0	0	155,841	0	0	157,748	0	0
5.000	0	0	0	0	0	205,412	0	0	207,097	0	0
6.000	0	0	0	0	0	255,218	0	0	256,805	0	0
7.000	0	0	0	0	0	308,454	0	0	310,305	0	0
8.000	0	0	0	0	0	357,665	0	0	359,517	0	0
9.000	0	0	0	0	0	408,197	0	0	410,466	0	0
10.000	0	0	0	0	0	457,415	0	0	459,138	0	0
11.000	0	0	0	0	0	510,532	0	0	513,209	0	0
12.000	0	0	0	0	0	561,021	0	0	563,209	0	0
13.000	0	0	0	0	0	608,905	0	0	610,321	0	0
14.000	0	0	0	0	0	656,816	0	0	658,227	0	0
15.000	0	0	0	0	0	703,919	0	0	706,397	0	0
16.000	0	0	0	0	0	754,157	0	0	756,521	0	0
17.000	0	0	0	0	0	805,110	0	0	808,505	0	0
18.000	0	0	0	0	0	854,468	0	0	857,440	0	0
19.000	0	0	0	0	0	903,842	0	0	906,627	0	0
20.000	0	0	0	0	0	953,632	0	0	955,971	0	0
21.000	0	0	0	0	0	1,005,054	0	0	1,008,617	0	0

Test Results for HTTP_B2B

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time	ethAlignm entErrors	ethDropE vents	ethFCSErr ors	ethOversi zedFrame rs	ethRxErro rs	ethRxFra mes	ethRxPau seFrames	ethTxErro rs	ethTxFra mes	ethTxPau seFrames	ethUnders izedFrame rs
22.000	0	0	0	0	0	1,055,936	0	0	1,059,202	0	0
23.000	0	0	0	0	0	1,105,467	0	0	1,108,424	0	0
24.000	0	0	0	0	0	1,153,393	0	0	1,157,108	0	0
25.000	0	0	0	0	0	1,203,985	0	0	1,207,263	0	0
26.000	0	0	0	0	0	1,252,604	0	0	1,256,271	0	0
27.000	0	0	0	0	0	1,304,057	0	0	1,306,410	0	0
28.000	0	0	0	0	0	1,354,597	0	0	1,358,192	0	0
29.000	0	0	0	0	0	1,404,913	0	0	1,408,485	0	0
30.000	0	0	0	0	0	1,454,490	0	0	1,457,824	0	0
31.000	0	0	0	0	0	1,505,293	0	0	1,507,850	0	0
32.000	0	0	0	0	0	1,556,296	0	0	1,559,295	0	0
33.000	0	0	0	0	0	1,607,323	0	0	1,609,644	0	0
34.000	0	0	0	0	0	1,657,128	0	0	1,660,739	0	0
35.000	0	0	0	0	0	1,705,559	0	0	1,709,092	0	0
36.000	0	0	0	0	0	1,753,042	0	0	1,756,470	0	0
37.000	0	0	0	0	0	1,801,139	0	0	1,805,508	0	0
38.000	0	0	0	0	0	1,851,551	0	0	1,855,255	0	0
39.000	0	0	0	0	0	1,902,350	0	0	1,907,052	0	0
40.000	0	0	0	0	0	1,952,810	0	0	1,957,181	0	0
41.000	0	0	0	0	0	2,001,476	0	0	2,005,815	0	0
42.000	0	0	0	0	0	2,052,253	0	0	2,055,882	0	0
43.000	0	0	0	0	0	2,099,889	0	0	2,103,652	0	0
44.000	0	0	0	0	0	2,148,755	0	0	2,153,285	0	0
45.000	0	0	0	0	0	2,199,501	0	0	2,203,921	0	0
46.000	0	0	0	0	0	2,248,409	0	0	2,253,464	0	0
47.000	0	0	0	0	0	2,300,377	0	0	2,305,335	0	0
48.000	0	0	0	0	0	2,350,554	0	0	2,354,989	0	0
49.000	0	0	0	0	0	2,400,085	0	0	2,404,729	0	0
50.000	0	0	0	0	0	2,452,537	0	0	2,456,715	0	0
51.000	0	0	0	0	0	2,501,133	0	0	2,506,282	0	0
52.000	0	0	0	0	0	2,552,580	0	0	2,557,557	0	0
53.000	0	0	0	0	0	2,602,664	0	0	2,608,497	0	0
54.000	0	0	0	0	0	2,649,990	0	0	2,655,474	0	0
55.000	0	0	0	0	0	2,701,921	0	0	2,706,753	0	0
56.000	0	0	0	0	0	2,752,977	0	0	2,758,865	0	0
57.000	0	0	0	0	0	2,803,806	0	0	2,809,275	0	0
58.000	0	0	0	0	0	2,853,582	0	0	2,859,558	0	0
59.000	0	0	0	0	0	2,905,329	0	0	2,910,638	0	0
60.000	0	0	0	0	0	2,952,202	0	0	2,957,854	0	0
61.000	0	0	0	0	0	3,001,632	0	0	3,008,129	0	0
63.000	0	0	0	0	0	3,059,343	0	0	3,064,148	0	0
62.000	0	0	0	0	0	3,046,991	0	0	3,052,508	0	0

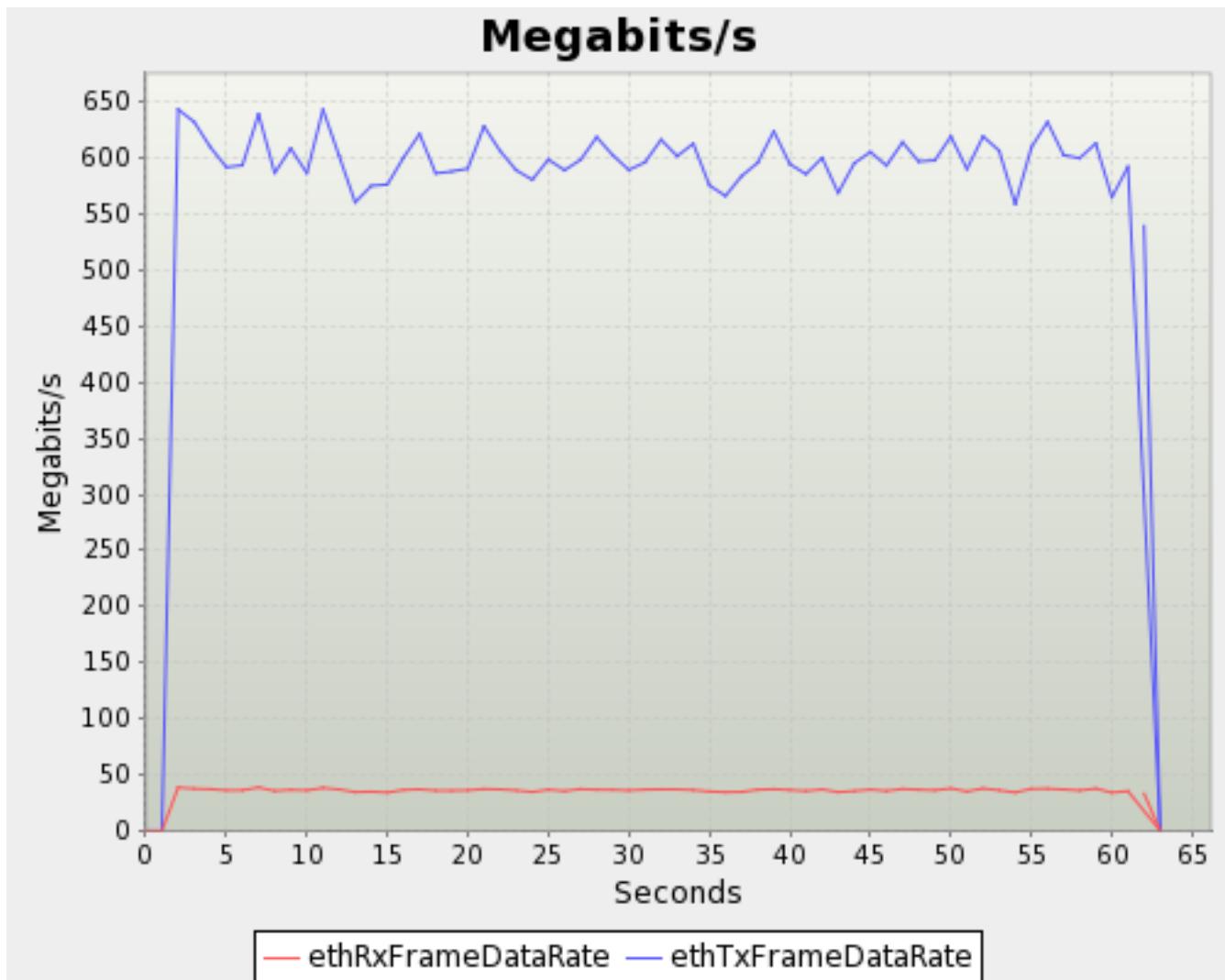
6.1.3.3. Frames/s



time	ethRxFrameRate	ethTxFrameRate
0.000	0	0
1.000	0	0
2.000	52,660	53,880
3.000	51,770	52,810
4.000	51,240	50,890
5.000	49,720	49,500
6.000	49,810	49,710
7.000	53,240	53,500
8.000	49,010	49,020
9.000	50,380	50,800
10.000	49,610	49,060
11.000	52,800	53,750
12.000	50,840	50,350
13.000	47,600	46,830
14.000	48,060	48,050
15.000	47,060	48,120
16.000	50,290	50,170
17.000	50,950	51,980
18.000	49,460	49,030
19.000	49,370	49,190
20.000	49,790	49,340
21.000	51,370	52,590
22.000	50,930	50,640
23.000	49,630	49,320
24.000	47,780	48,540

time	ethRxFrameRate	ethTxFrameRate
25.000	50,490	50,050
26.000	48,860	49,250
27.000	51,350	50,040
28.000	50,490	51,730
29.000	50,420	50,390
30.000	49,580	49,340
31.000	50,650	49,880
32.000	51,050	51,500
33.000	50,980	50,300
34.000	50,010	51,300
35.000	48,240	48,160
36.000	47,440	47,330
37.000	47,810	48,750
38.000	50,510	49,850
39.000	51,210	52,210
40.000	50,060	49,730
41.000	48,960	48,930
42.000	50,880	50,170
43.000	47,490	47,630
44.000	48,910	49,680
45.000	50,700	50,590
46.000	49,010	49,640
47.000	51,450	51,360
48.000	50,480	49,950
49.000	49,780	49,990
50.000	52,190	51,730
51.000	48,350	49,320
52.000	52,020	51,850
53.000	49,830	50,690
54.000	47,090	46,740
55.000	51,620	50,970
56.000	51,780	52,850
57.000	50,830	50,410
58.000	49,630	50,130
59.000	51,950	51,290
60.000	46,920	47,260
61.000	48,700	49,530
63.000	0	0
62.000	46,000	45,010

6.1.3.4. Megabits/s



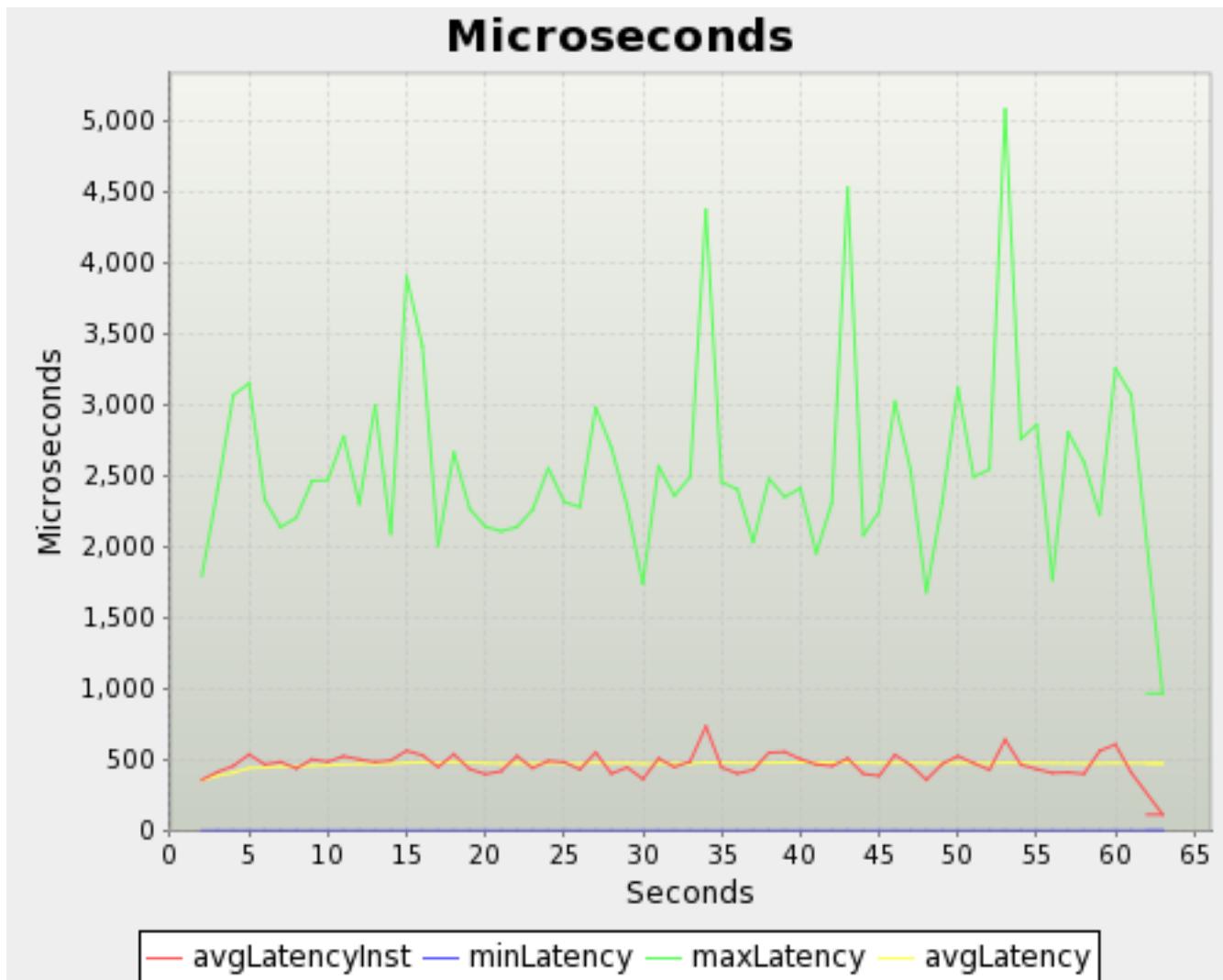
time	ethRxFrameDataRate	ethTxFrameDataRate
0.000	0	0
1.000	0	0
2.000	38.59	643.6
3.000	37.59	632.4
4.000	37.15	610
5.000	36.07	592
6.000	36.16	593.7
7.000	38.69	639.4
8.000	35.57	586.8
9.000	36.51	608.7
10.000	36.02	586.7
11.000	38.28	643.4
12.000	36.92	602.2
13.000	34.5	560.7
14.000	34.86	575.4
15.000	34.14	576.5
16.000	36.45	600.5
17.000	36.97	621.7
18.000	35.87	586.6
19.000	35.83	588.2
20.000	36.1	590.8
21.000	37.29	628.5
22.000	36.93	606.6
23.000	36.01	589.4
24.000	34.67	580.9

time	ethRxFrameDataRate	ethTxFrameDataRate
25.000	36.62	598.9
26.000	35.44	589.4
27.000	37.23	598.6
28.000	36.64	618.9
29.000	36.56	602.7
30.000	35.99	589.6
31.000	36.77	596.4
32.000	37.02	616.5
33.000	36.96	601.9
34.000	36.32	613
35.000	35.03	575.8
36.000	34.4	566.4
37.000	34.66	584.1
38.000	36.63	596
39.000	37.16	624.1
40.000	36.35	594.8
41.000	35.48	585.9
42.000	36.9	600.4
43.000	34.49	569.1
44.000	35.47	595.5
45.000	36.77	605.6
46.000	35.55	593.5
47.000	37.31	614.3
48.000	36.66	597.1
49.000	36.13	598.1
50.000	37.84	619.4
51.000	35.06	590.3
52.000	37.77	619.4
53.000	36.15	606.8
54.000	34.17	559
55.000	37.45	609.7
56.000	37.58	632.3
57.000	36.88	602.9
58.000	36	600
59.000	37.69	613.2
60.000	34.05	565.2
61.000	35.35	592.4
63.000	0	0
62.000	33.16	539.7

6.2. Latency (layer 1-2)

6.2.1. [all]

6.2.1.1. Microseconds

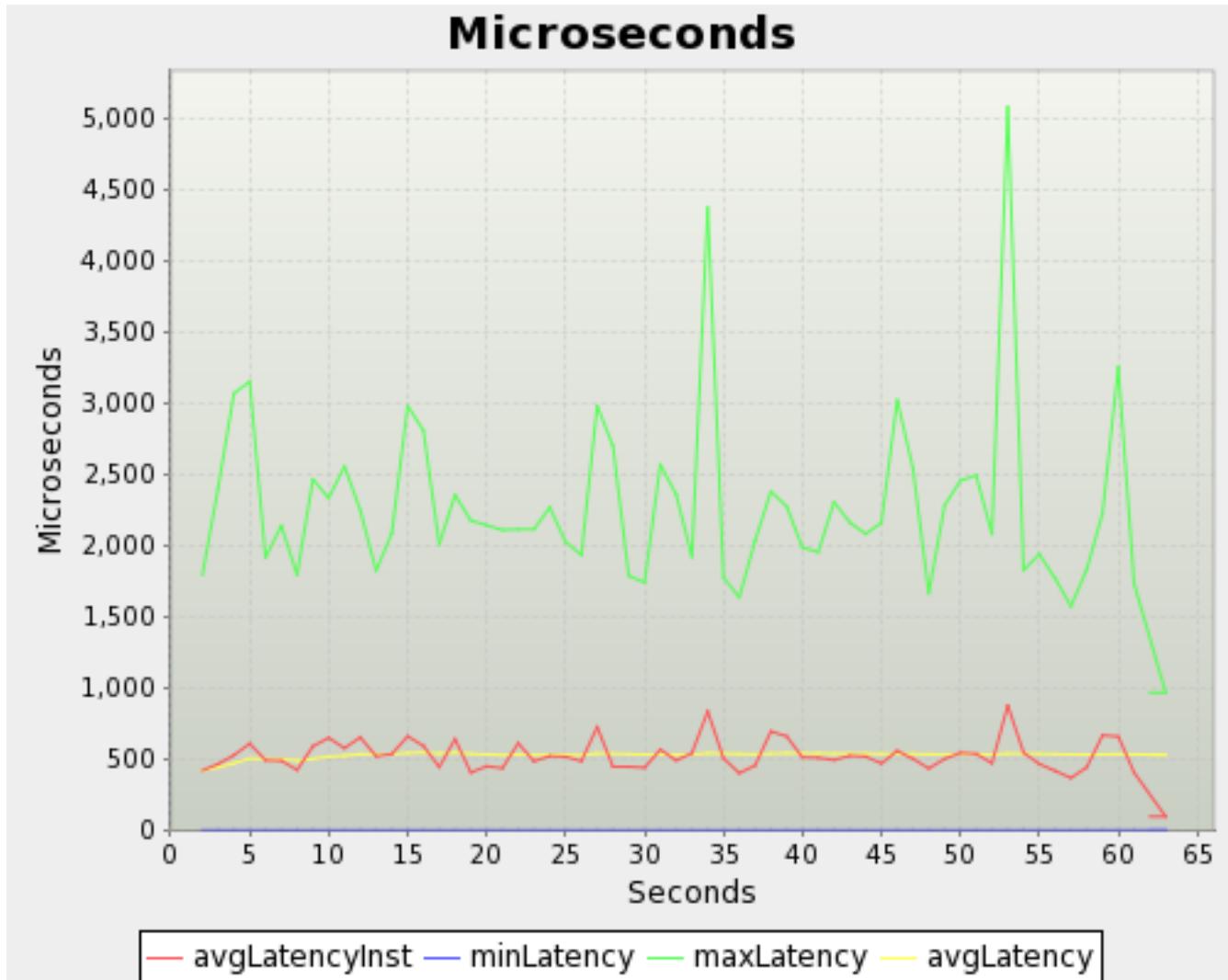


time	avgLatency	avgLatencyInst	maxLatency	minLatency
2.000	359.02753638667457	359.0275266770883	1,793.25	1.5
3.000	386.208824119521	413.82805501292444	2,404.375000000001	1.5
4.000	409.50445565005276	456.7981163754135	3,068.625	1.5
5.000	440.52896526054593	537.0926383247954	3,150.625	1.375
6.000	445.6899413429493	466.829218713474	2,329.375000000001	1.5
7.000	452.38270372329123	484.167768579385	2,138.75	1.25
8.000	450.58536047977736	439.28399461307373	2,204.25	1.375
9.000	457.06492111939656	502.56173270785507	2,464.375000000001	1.375
10.000	460.2297734484212	486.27541292482874	2,469	1.375
11.000	466.90137796157234	525.0550747062522	2,775.375000000001	1.5
12.000	470.11267003033817	502.1241157620073	2,301.25	1.375
13.000	471.25770719449207	484.574241802632	2,997.125	1.375
14.000	473.0045214386143	495.1823526923566	2,093.5	1.5
15.000	479.05315159507387	563.7016434892541	3,903.75	1.375
16.000	482.6193494356829	532.0554612111162	3,415.5	1.375
17.000	480.47692028805346	448.891167989536	2,008.75	1.375
18.000	483.8103684941095	538.3814440425772	2,664.125	1.5
19.000	481.10666382618496	434.5766117094584	2,268.25	1.5
20.000	476.80446271192386	399.02467997121516	2,141.625	1.5
21.000	473.89314570000516	419.6954389018554	2,109.75	1.5
22.000	476.45570034370195	526.7109085336311	2,138.875000000001	1.5
23.000	474.90157408867105	441.64983116603196	2,260.375000000001	1.5
24.000	475.60541434857714	491.8146299247501	2,553.5	1.375
25.000	475.9287539428063	483.2704861630515	2,316	1.375
26.000	474.226824042924	432.20644169548916	2,279.875000000001	1.375

time	avgLatency	avgLatencyInst	maxLatency	minLatency
27.000	479.03012075365564	551.1254217540112	2,980.5	1.375
28.000	477.98033387033036	402.24809953513807	2,699.25	1.5
29.000	476.85385419231255	446.54449250578415	2,291.125	1.25
30.000	473.00069976691844	364.1752728457403	1,741	1.375
31.000	474.23827317156184	509.4676920637437	2,568.625	1.375
32.000	473.43733554638874	449.4760227798684	2,358.625	1.375
33.000	473.9008087306363	487.94037560999664	2,493.25	1.5
34.000	481.68042246608064	733.8695208137585	4,373	1.375
35.000	480.67060946277	446.24288081022786	2,454.75	1.375
36.000	478.5924122357755	403.1974665000647	2,404.375000000001	1.5
37.000	477.28464227037284	429.6181820096683	2,033.5	1.5
38.000	479.27486889797706	550.2104566777596	2,479.875000000001	1.5
39.000	481.3311623722556	555.4146947223179	2,350.5	1.375
40.000	481.93515198057537	504.92413988734444	2,412.375000000001	1.5
41.000	481.58515570293497	467.699924888619	1,954.25	1.5
42.000	480.95240487613006	455.8514742187343	2,310.25	1.5
43.000	481.6221553192895	510.2699062737481	4,528.125000000002	1.375
44.000	479.77881019301395	400.8831463688996	2,081.375000000001	1.25
45.000	477.6467518457632	386.8546545461842	2,248.875000000001	1.375
46.000	478.8805195910704	534.3015035883436	3,021.25	1.5
47.000	478.5137264776367	462.66459077330273	2,539.25	1.375
48.000	475.9570671178307	359.1793523610371	1,681.125	1.375
49.000	475.84639409168943	470.61268308582356	2,308.875000000001	1.5
50.000	476.9235416645163	526.4712856685456	3,121.875000000001	1.375
51.000	476.9033010150523	475.88397721129445	2,492.25	1.5
52.000	475.9352179459312	429.01516727165694	2,545.25	1.5
53.000	479.177676281562	641.9468156068616	5,080.25	1.375
54.000	478.9237105268688	464.7704461470106	2,757.625	1.5
55.000	478.0638039094756	434.2781106528675	2,861.375000000001	1.375
56.000	476.7497558472088	406.9553112095129	1,769	1.375
57.000	475.5438597948075	410.7988310559987	2,805.875000000001	1.25
58.000	474.24658624635225	400.5938771536041	2,596.625	1.5
59.000	475.8250436018908	562.7350263723383	2,225.875000000001	1.5
60.000	477.90212639856054	607.8427363097314	3,254.625	1.5
61.000	476.7831624740228	409.91828494717316	3,072.75	1.5
63.000	474.10247401672837	114.03676837459221	966.625	1.5
62.000	474.10247401672837	114.03676837459221	966.625	1.5

6.2.2. [interface=1]

6.2.2.1. Microseconds

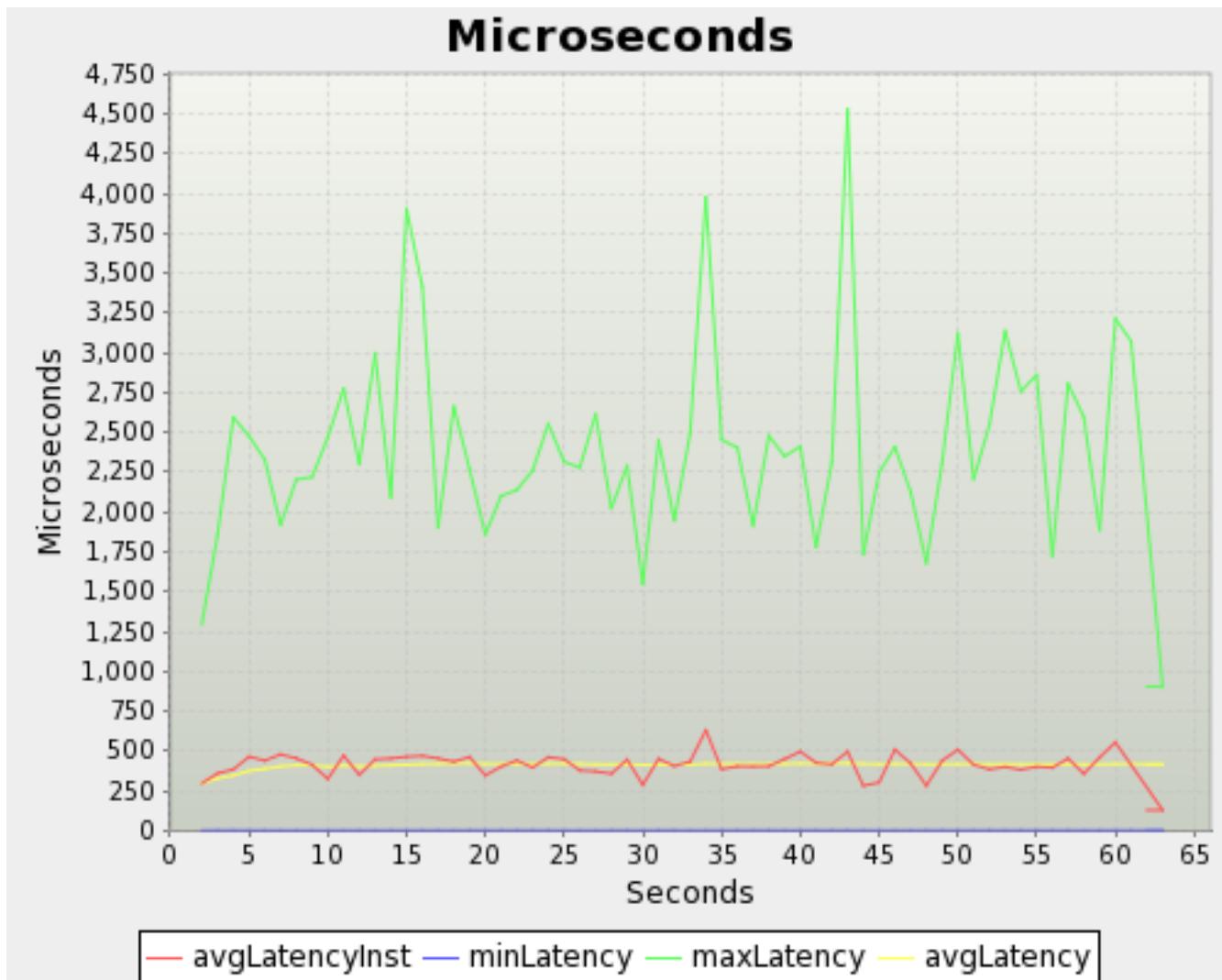


time	avgLatency	avgLatencyInst	maxLatency	minLatency
2.000	420.053132388843	420.0531323888428	1,793.25	1.5
3.000	442.9115498423478	466.2029223958944	2,404.375000000001	1.5
4.000	470.8103430319599	527.6922955197308	3,068.625	1.5
5.000	504.3036947113368	609.2920364816061	3,150.625	1.375
6.000	501.9942315011577	492.5571978786471	1,915.25	1.5
7.000	499.8181669050775	489.37615097785545	2,138.75	1.25
8.000	489.3680109809249	423.7540375741595	1,793.625	1.375
9.000	501.9564217170027	590.8291074746746	2,464.375000000001	1.375
10.000	517.7409129846759	649.3454590550205	2,333.875000000001	1.375
11.000	523.898961597152	577.2190279055503	2,555.5	1.5
12.000	535.6397164681559	653.1585198720878	2,247.875000000001	1.375
13.000	534.4881764000013	521.0175586695931	1,822.75	1.375
14.000	534.609027015121	536.1382095013777	2,087.375000000001	1.5
15.000	543.0770559336963	660.7502140410959	2,981.375000000001	1.375
16.000	546.451335522348	593.2298161391205	2,806.125	1.375
17.000	539.9565394264018	443.60509782090026	2,008.75	1.375
18.000	545.8188733027392	641.0391972916754	2,354.625	1.5
19.000	538.1369210646932	405.7223241590214	2,175.875000000001	1.5
20.000	533.516889551695	450.20191920006465	2,141.625	1.5
21.000	528.5595110648713	436.20875673329243	2,109.75	1.5
22.000	532.5893246208201	611.6123869034712	2,113.875000000001	1.5
23.000	530.4806190643686	485.49401130404607	2,114.625	1.5
24.000	530.1069586647347	521.5308869784023	2,267.125	1.375
25.000	529.5444107601272	516.8276039502066	2,025.625	1.375
26.000	527.8827885126165	486.4083537363718	1,934.75	1.375

time	avgLatency	avgLatencyInst	maxLatency	minLatency
27.000	540.3372070094853	726.3215927967835	2,980.5	1.375
28.000	539.0664505479355	446.7493413830955	2,699.25	1.5
29.000	535.7364257205571	446.2787587587588	1,787.5	1.25
30.000	532.4888263368248	440.48375671714706	1,741	1.375
31.000	533.6644535291408	567.2329581483829	2,568.625	1.375
32.000	532.2800319126166	491.2425019378687	2,358.625	1.375
33.000	532.5878553766594	541.9122524363407	1,921.875	1.5
34.000	541.6493225652002	835.9983682793503	4,373	1.375
35.000	540.6226518598122	505.6656572779689	1,776.375	1.375
36.000	536.892386569643	401.726820482031	1,635.875	1.5
37.000	534.7208212192397	455.49213152642113	2,033.5	1.5
38.000	539.084765003296	694.8968940121675	2,380	1.5
39.000	542.3553860993823	660.726827824371	2,274.375000000001	1.375
40.000	541.5938924068138	512.6915439917834	1,986.625	1.5
41.000	540.8095679541626	509.38559681862415	1,954.25	1.5
42.000	539.6520171656085	493.97253294056765	2,305.375000000001	1.5
43.000	539.283301569601	523.5239156487186	2,162.125	1.375
44.000	538.8099252352426	518.551087157756	2,081.375000000001	1.25
45.000	537.2181401768892	469.6267251695251	2,160.625	1.375
46.000	537.676160903431	558.307571466959	3,021.25	1.5
47.000	536.8679476081395	501.98511973959523	2,539.25	1.375
48.000	534.6987287027547	435.1637139636012	1,666.625	1.375
49.000	534.0144911385336	501.5303638772806	2,282.125	1.5
50.000	534.2217909401127	543.6963942492503	2,455.875000000001	1.375
51.000	534.2773856210206	537.0877470355733	2,492.25	1.5
52.000	533.0108087141873	471.6244792583464	2,081.625	1.5
53.000	539.7892267668827	876.8593617899769	5,080.25	1.375
54.000	539.89785286072	545.968246404436	1,826.875	1.5
55.000	538.4567135312336	465.80377401954195	1,939	1.375
56.000	536.2338363214286	417.65950327630503	1,769	1.375
57.000	533.1594585949792	368.2505357107752	1,574.125	1.25
58.000	531.5857539238916	442.46995782482	1,832.25	1.5
59.000	533.9718760908565	667.3435962294723	2,225.875000000001	1.5
60.000	535.9614653905315	659.2661285114627	3,254.625	1.5
61.000	533.82110955526	405.86336977623375	1,732.25	1.5
63.000	530.8782185872154	96.79318970386508	966.625	1.5
62.000	530.8782185872154	96.79318970386508	966.625	1.5

6.2.3. [interface=2]

6.2.3.1. Microseconds



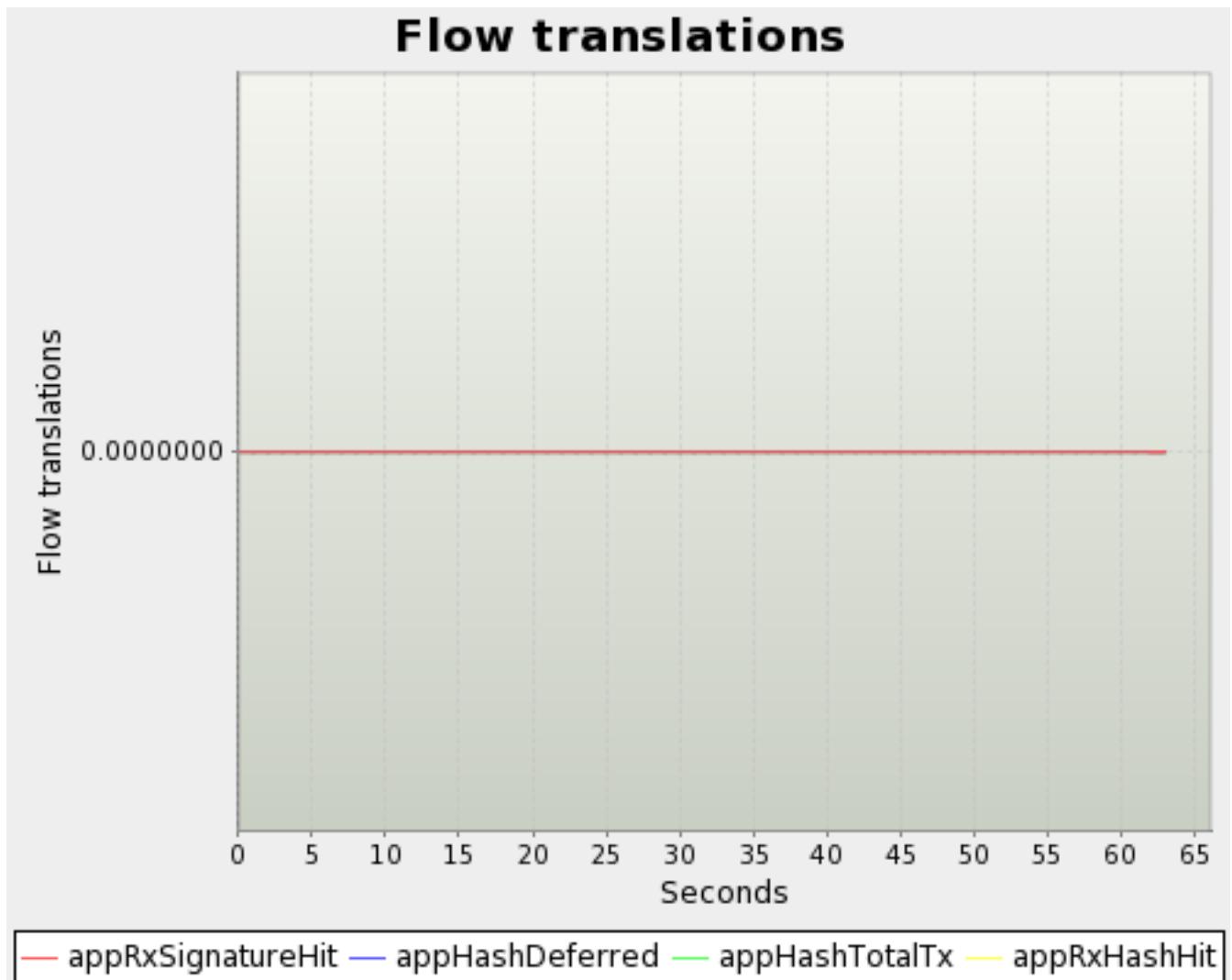
time	avgLatency	avgLatencyInst	maxLatency	minLatency
2.000	296.7435942711399	296.7435942711399	1,297.75	1.5
3.000	328.4977289333886	360.6722725826972	1,857.5	1.625
4.000	347.2857190043336	385.2629435950661	2,594.75	1.625
5.000	376.02786997339774	464.8519690504869	2,477.125	1.5
6.000	388.69076526045825	440.6831427517519	2,329.375000000001	1.5
7.000	404.53452891943857	479.0032069420864	1,921.25	1.5
8.000	411.44972055073066	454.9945400741886	2,204.25	1.5
9.000	411.82632764917787	414.4563131967849	2,220.125	1.5
10.000	402.4369429386813	326.16064941653985	2,469	1.375
11.000	409.5453955487043	471.9268383142361	2,775.375000000001	1.625
12.000	404.22306637351153	351.3861158466479	2,301.25	1.5
13.000	407.73617054669984	448.35488810118085	2,997.125	1.625
14.000	411.08576263209557	453.7578116691128	2,093.5	1.625
15.000	414.6416392366728	464.7619089183231	3,903.75	1.5
16.000	418.4014448552313	470.51822462679104	3,415.5	1.625
17.000	420.685071192636	454.1433002113747	1,903.375	1.625
18.000	421.4196144234202	433.5406660696062	2,664.125	1.625
19.000	423.73488115788825	463.5164502607097	2,268.25	1.75
20.000	419.73722960701895	347.27890906867236	1,861	1.75
21.000	418.8886192865574	403.10157628630895	2,101.375000000001	1.625
22.000	419.97434340382	441.2687958738347	2,138.875000000001	1.625
23.000	418.9636654703811	397.2759788534609	2,260.375000000001	1.625
24.000	420.73634533586466	461.70119631967003	2,553.5	1.75
25.000	421.93128577942144	449.18518071804766	2,316	1.5
26.000	420.23447395914445	378.7925430998928	2,279.875000000001	1.5

time	avgLatency	avgLatencyInst	maxLatency	minLatency
27.000	417.299146625527	373.01338815869985	2,614.75	1.375
28.000	416.4836296305188	358.06212534059944	2,025.375	1.75
29.000	417.56879486904967	446.81285887585926	2,291.125	1.75
30.000	413.11856282990976	287.8170115691705	1,549.625	1.5
31.000	414.43092748999254	451.6749405233939	2,450	1.75
32.000	414.1816547079783	406.65416827990947	1,948.625	1.75
33.000	414.8017848832504	433.5872098775202	2,493.25	1.625
34.000	421.2980203533874	631.4482081492392	3,978	1.5
35.000	420.3006910581944	386.253983542369	2,454.75	1.75
36.000	419.88222351481807	404.68199134199136	2,404.375000000001	1.625
37.000	419.44738097213593	403.6136498015035	1,915.375	1.75
38.000	419.0530847327729	405.02429914049293	2,479.875000000001	1.75
39.000	419.9018364112882	450.34097263240824	2,350.5	1.625
40.000	421.8716679574298	497.060773480663	2,412.375000000001	1.75
41.000	421.9877675546072	426.54870368855813	1,782.625	1.75
42.000	421.86780867632905	417.0837988826817	2,310.25	1.625
43.000	423.5808116460079	496.90858608338084	4,528.125000000002	1.75
44.000	420.3582240843677	282.41838213975063	1,736.25	1.625
45.000	417.6744229664948	303.056455195251	2,248.875000000001	1.5
46.000	419.6963120184078	510.26765722326826	2,408.25	1.5
47.000	419.77079112611614	422.99278662887303	2,128.625	1.625
48.000	416.8357046298841	283.3857260477539	1,681.125	1.5
49.000	417.3117936291576	439.73780103006766	2,308.875000000001	1.75
50.000	419.24842859782126	508.91240032132293	3,121.875000000001	1.625
51.000	419.1603469899326	414.7412610665447	2,207.75	1.625
52.000	418.4926452593608	386.1307454577666	2,545.25	1.75
53.000	418.1536974159316	400.974547214715	3,137.5	1.625
54.000	417.5406739300601	383.4723168007633	2,757.625	1.5
55.000	417.2423279122122	401.89588879029856	2,861.375000000001	1.625
56.000	416.8530822058096	396.2675098436941	1,724.625	1.625
57.000	417.5266184078953	453.72344856309894	2,805.875000000001	1.5
58.000	416.50249732251706	358.2056591321564	2,596.625	1.625
59.000	417.2988845907107	460.4983680012361	1,886.375	1.625
60.000	419.4466368216118	555.095409481331	3,215	1.75
61.000	419.3569015158131	413.99712218385133	3,072.75	1.625
63.000	416.96777177443096	129.6786707656273	904.375	1.75
62.000	416.96777177443096	129.6786707656273	904.375	1.75

6.3. Application (layer7)

6.3.1. [all]

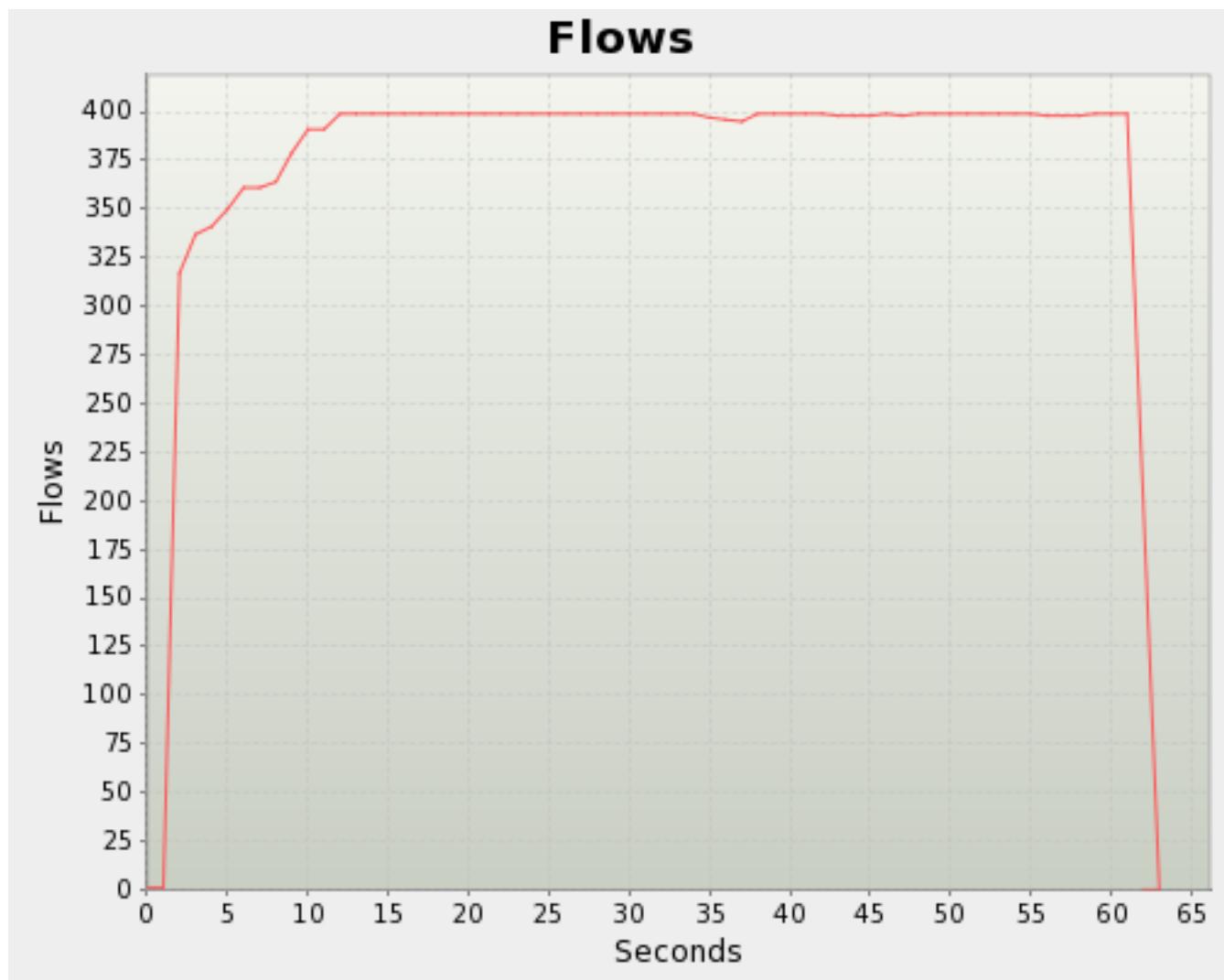
6.3.1.1. Flow translations



time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
0.000	0	0	0	0
1.000	0	0	0	0
2.000	0	0	0	0
3.000	0	0	0	0
4.000	0	0	0	0
5.000	0	0	0	0
6.000	0	0	0	0
7.000	0	0	0	0
8.000	0	0	0	0
9.000	0	0	0	0
10.000	0	0	0	0
11.000	0	0	0	0
12.000	0	0	0	0
13.000	0	0	0	0
14.000	0	0	0	0
15.000	0	0	0	0
16.000	0	0	0	0
17.000	0	0	0	0
18.000	0	0	0	0
19.000	0	0	0	0
20.000	0	0	0	0
21.000	0	0	0	0
22.000	0	0	0	0
23.000	0	0	0	0
24.000	0	0	0	0

time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
25.000	0	0	0	0
26.000	0	0	0	0
27.000	0	0	0	0
28.000	0	0	0	0
29.000	0	0	0	0
30.000	0	0	0	0
31.000	0	0	0	0
32.000	0	0	0	0
33.000	0	0	0	0
34.000	0	0	0	0
35.000	0	0	0	0
36.000	0	0	0	0
37.000	0	0	0	0
38.000	0	0	0	0
39.000	0	0	0	0
40.000	0	0	0	0
41.000	0	0	0	0
42.000	0	0	0	0
43.000	0	0	0	0
44.000	0	0	0	0
45.000	0	0	0	0
46.000	0	0	0	0
47.000	0	0	0	0
48.000	0	0	0	0
49.000	0	0	0	0
50.000	0	0	0	0
51.000	0	0	0	0
52.000	0	0	0	0
53.000	0	0	0	0
54.000	0	0	0	0
55.000	0	0	0	0
56.000	0	0	0	0
57.000	0	0	0	0
58.000	0	0	0	0
59.000	0	0	0	0
60.000	0	0	0	0
61.000	0	0	0	0
63.000	0	0	0	0
62.000	0	0	0	0

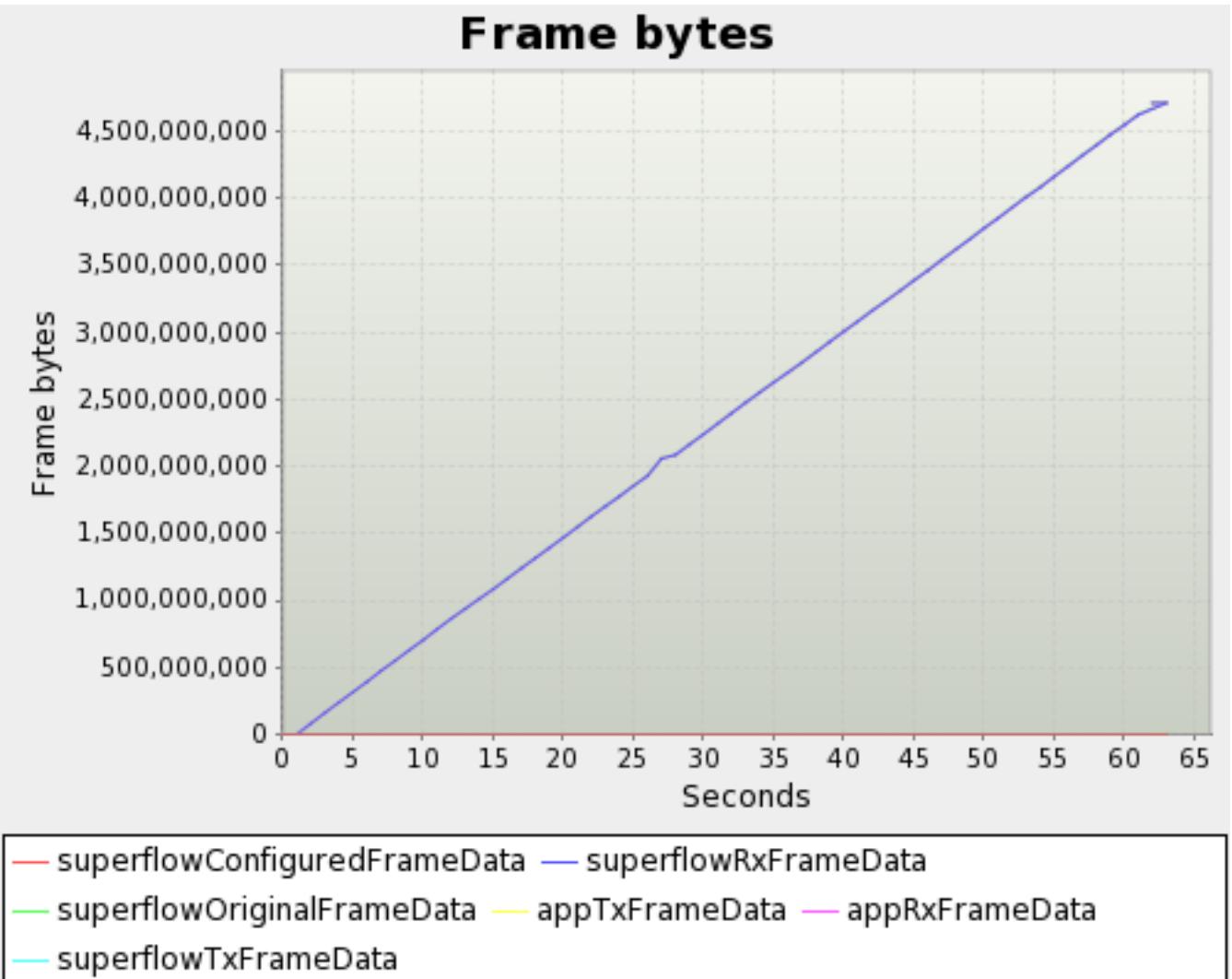
6.3.1.2. Flows



time	concurrentAppFlows
0.000	1
1.000	1
2.000	317
3.000	337
4.000	341
5.000	350
6.000	361
7.000	361
8.000	364
9.000	379
10.000	391
11.000	391
12.000	399
13.000	399
14.000	399
15.000	399
16.000	399
17.000	399
18.000	399
19.000	399
20.000	399
21.000	399
22.000	399
23.000	399
24.000	399
35.000	395
63.000	0

time	concurrentAppFlows
25.000	399
26.000	399
27.000	399
28.000	399
29.000	399
30.000	399
31.000	399
32.000	399
33.000	399
34.000	399
35.000	397
36.000	396
37.000	395
38.000	399
39.000	399
40.000	399
41.000	399
42.000	399
43.000	398
44.000	398
45.000	398
46.000	399
47.000	398
48.000	399
49.000	399
50.000	399
51.000	399
52.000	399
53.000	399
54.000	399
55.000	399
56.000	398
57.000	398
58.000	398
59.000	399
60.000	399
61.000	399
63.000	0
62.000	0

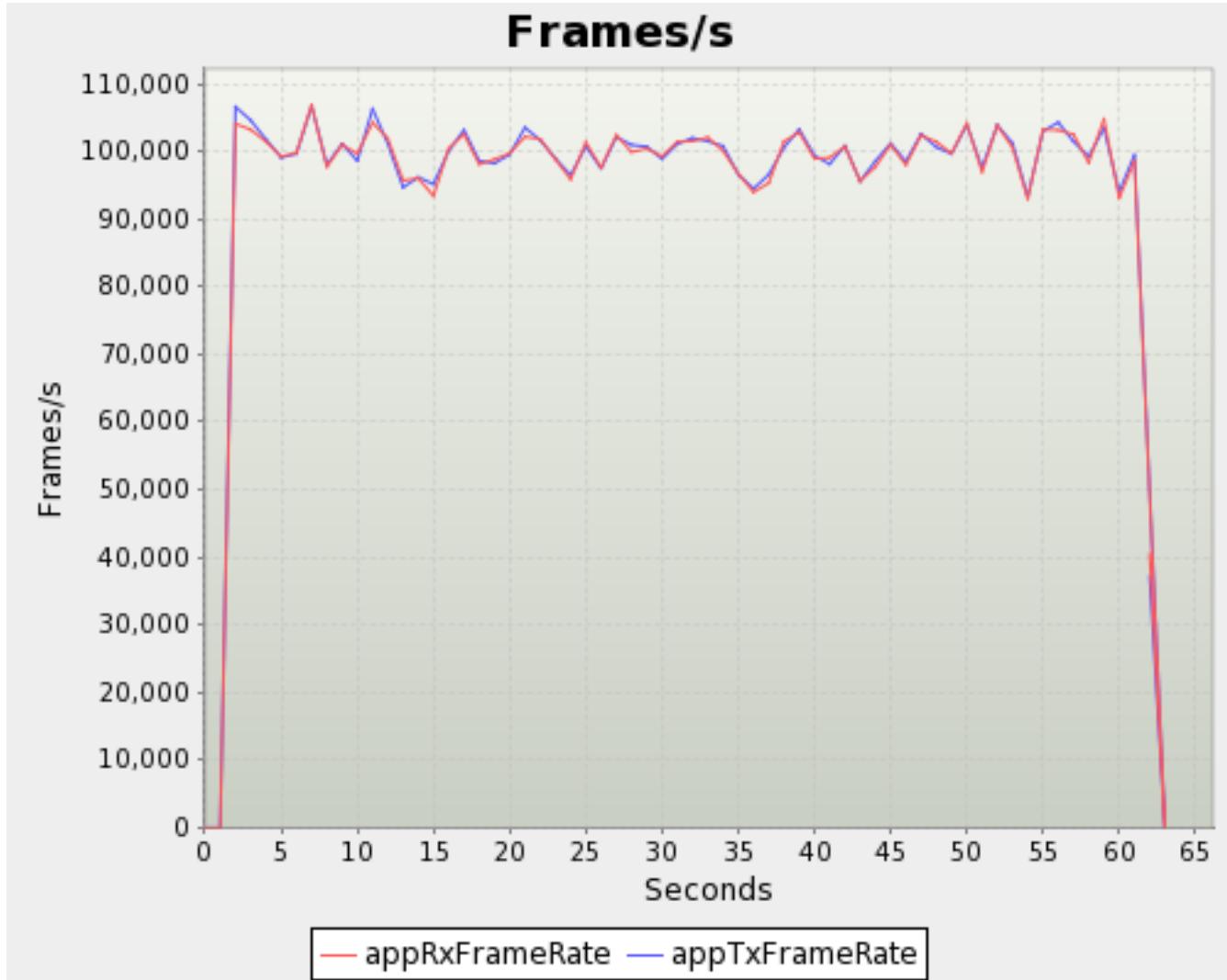
6.3.1.3. Frame bytes



time	appRxFrameData	appTxFrameData	superflowConfiguredFrameData	superflowOriginalFrameData	superflowRxFrameData	superflowTxFrameData
0.000	0	70	0	0	0	70
1.000	0	70	0	0	0	70
2.000	81,432,047	83,399,677	0	0	81,432,047	83,399,677
3.000	161,221,357	164,279,223	0	0	161,221,357	164,291,335
4.000	239,197,076	242,578,782	0	0	239,197,076	242,578,782
5.000	315,574,981	318,551,498	0	0	315,574,981	318,551,498
6.000	392,527,156	394,962,348	0	0	392,528,013	394,962,414
7.000	474,171,628	477,316,181	0	0	474,171,628	477,316,181
8.000	549,739,157	552,699,025	0	0	549,740,671	552,699,025
9.000	627,615,033	631,118,023	0	0	627,615,033	631,138,138
10.000	703,732,354	706,236,089	0	0	703,733,938	706,236,225
11.000	784,949,176	788,854,905	0	0	784,949,176	788,854,905
12.000	863,240,776	866,269,699	0	0	863,242,290	866,271,279
13.000	936,708,770	938,816,880	0	0	936,708,770	938,816,880
14.000	1,010,597,075	1,012,576,818	0	0	1,010,597,075	1,012,576,818
15.000	1,083,043,193	1,086,694,891	0	0	1,083,043,193	1,086,694,891
16.000	1,160,780,568	1,163,840,775	0	0	1,160,780,568	1,163,840,775
17.000	1,238,732,179	1,243,470,312	0	0	1,238,732,179	1,243,470,312
18.000	1,314,913,969	1,319,127,015	0	0	1,314,918,775	1,319,128,793
19.000	1,390,749,294	1,394,609,891	0	0	1,390,749,294	1,394,609,891
20.000	1,467,819,665	1,470,612,359	0	0	1,467,819,665	1,470,612,359
21.000	1,546,409,486	1,551,140,548	0	0	1,546,409,486	1,551,140,548
22.000	1,625,365,324	1,629,487,521	0	0	1,625,365,324	1,629,492,063

time	appRxFrameData	appTxFrameData	superflowConfiguredFrameData	superflowOriginalFrameData	superflowRxFrameData	superflowTxFrameData
23.000	1,701,442,971	1,705,070,631	0	0	1,701,446,197	1,705,072,277
24.000	1,775,292,472	1,779,864,576	0	0	1,775,292,472	1,779,864,576
25.000	1,853,696,479	1,857,026,966	0	0	1,853,696,479	1,857,026,966
26.000	1,927,835,775	1,932,359,361	0	0	1,927,838,803	1,932,359,493
27.000	2,057,120,687	2,059,956,611	0	0	2,057,176,218	2,060,143,612
28.000	2,085,211,188	2,089,137,945	0	0	2,085,213,474	2,089,137,945
29.000	2,162,611,648	2,166,460,690	0	0	2,162,611,648	2,166,460,690
30.000	2,238,788,594	2,242,398,660	0	0	2,238,788,594	2,242,416,828
31.000	2,317,104,865	2,320,278,517	0	0	2,317,104,865	2,320,301,684
32.000	2,395,504,208	2,398,562,349	0	0	2,395,504,208	2,398,562,349
33.000	2,474,331,463	2,477,402,721	0	0	2,474,331,463	2,477,402,721
34.000	2,550,492,001	2,554,414,285	0	0	2,550,492,001	2,554,414,285
35.000	2,625,300,221	2,628,665,327	0	0	2,625,370,759	2,628,760,530
36.000	2,697,957,530	2,701,541,073	0	0	2,697,957,530	2,701,541,073
37.000	2,772,215,894	2,777,061,336	0	0	2,772,218,728	2,777,061,468
38.000	2,849,964,579	2,853,447,256	0	0	2,849,964,579	2,853,448,770
39.000	2,928,331,206	2,933,186,512	0	0	2,928,331,206	2,933,186,512
40.000	3,005,777,351	3,010,180,731	0	0	3,005,778,865	3,010,183,825
41.000	3,080,630,018	3,085,032,657	0	0	3,080,631,532	3,085,032,723
42.000	3,158,744,988	3,162,150,508	0	0	3,158,744,988	3,162,150,508
43.000	3,232,257,463	3,235,451,519	0	0	3,232,257,463	3,235,454,547
44.000	3,307,772,994	3,311,958,031	0	0	3,307,772,994	3,311,958,031
45.000	3,385,624,903	3,389,711,042	0	0	3,385,624,903	3,389,721,640
46.000	3,460,719,746	3,465,886,506	0	0	3,460,719,746	3,465,886,506
47.000	3,540,716,181	3,545,748,375	0	0	3,540,716,181	3,545,748,375
48.000	3,618,316,580	3,622,124,293	0	0	3,618,316,712	3,622,124,293
49.000	3,694,499,119	3,698,598,724	0	0	3,694,499,119	3,698,598,724
50.000	3,775,397,401	3,778,670,804	0	0	3,775,411,027	3,778,671,398
51.000	3,849,899,391	3,854,719,385	0	0	3,849,899,391	3,854,719,385
52.000	3,929,260,093	3,933,740,719	0	0	3,929,260,093	3,933,743,813
53.000	4,007,959,777	4,012,184,876	0	0	4,007,959,777	4,012,184,876
54.000	4,079,554,530	4,084,399,789	0	0	4,079,560,586	4,084,400,053
55.000	4,160,240,624	4,163,231,681	0	0	4,160,241,086	4,163,231,681
56.000	4,237,996,561	4,243,252,858	0	0	4,237,996,561	4,243,252,858
57.000	4,316,906,322	4,320,891,410	0	0	4,316,906,322	4,320,891,410
58.000	4,393,160,668	4,398,182,298	0	0	4,393,180,416	4,398,182,298
59.000	4,472,615,882	4,476,702,527	0	0	4,472,615,882	4,476,702,527
60.000	4,544,662,609	4,549,268,556	0	0	4,544,662,609	4,549,268,556
61.000	4,621,263,747	4,626,513,941	0	0	4,621,263,747	4,626,539,679
63.000	4,710,028,573	4,712,855,173	0	0	4,710,028,573	4,712,855,173
62.000	4,710,028,573	4,712,855,173	0	0	4,710,028,573	4,712,855,173

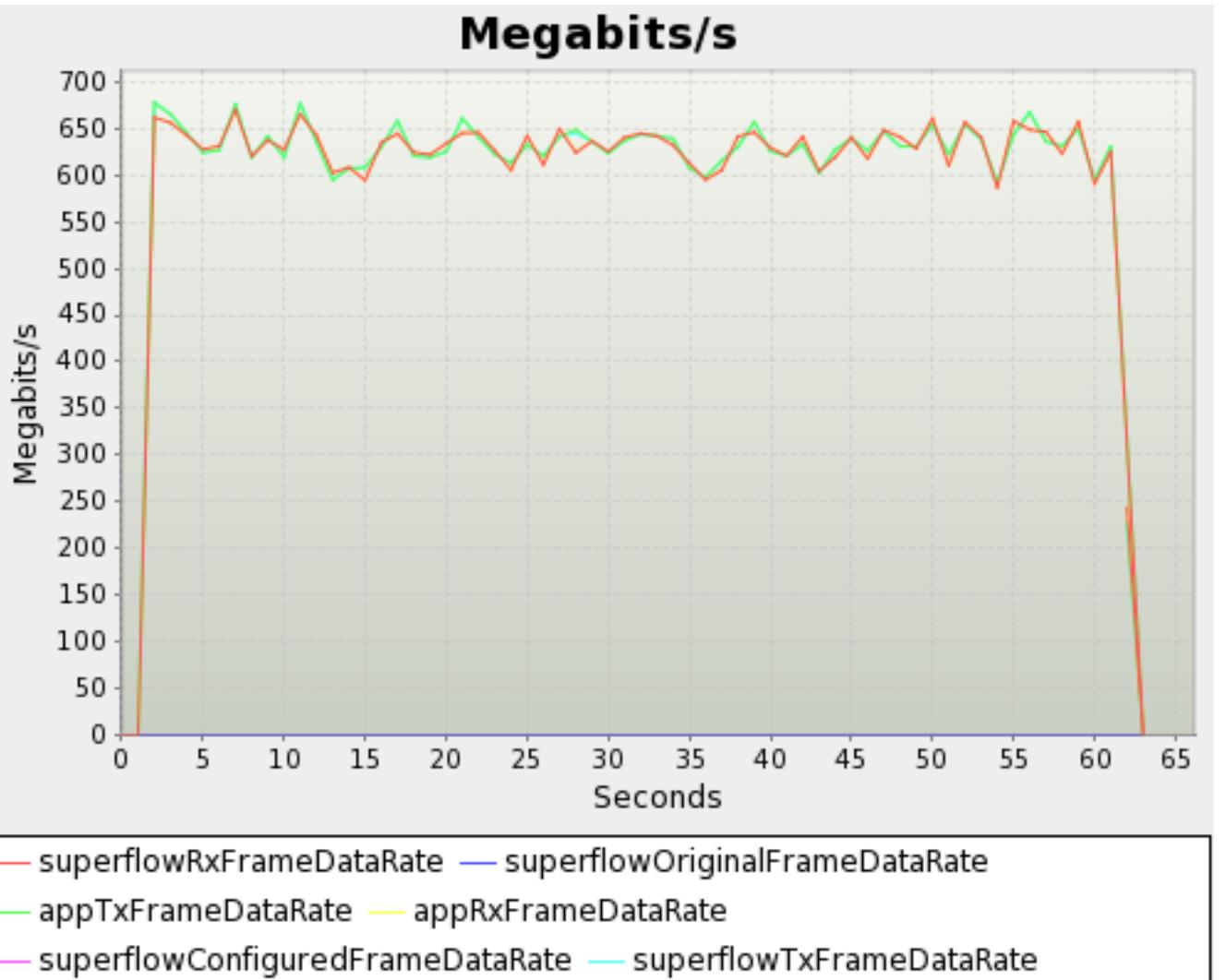
6.3.1.4. Frames/s



time	appRxFrameRate	appTxFrameRate
0.000	0	1.070663811563169
1.000	0	1.070663811563169
2.000	104,105.94059405937	106,623.76237623762
3.000	103,233.4669338677	104,618.23647294592
4.000	101,463.85542168678	101,795.18072289163
5.000	99,255.25525525522	99,115.11511511508
6.000	99,781.21878121872	99,653.3466533466
7.000	106,877	106,694
8.000	97,743	98,027
9.000	100,975.07477567314	101,125.62313060838
10.000	99,679.71887550193	98,629.51807228911
11.000	104,254.491017964	106,304.3912175648
12.000	101,929	101,164
13.000	95,718.28171828183	94,686.3136863137
14.000	96,042.12637913741	96,182.5476429288
15.000	93,426	95,184
16.000	100,481.59203980089	100,102.48756218898
17.000	102,541.792547835	103,165.15609264871
18.000	98,109.89010989002	98,614.38561438554
19.000	98,836.16383616369	98,244.75524475516
20.000	99,734.46893787596	99,552.10420841708
21.000	102,166	103,538
22.000	101,839.64143426281	101,680.27888446201
23.000	98,853.56068204614	98,961.88565697095
24.000	95,880.11988011973	96,492.5074925074

time	appRxFrameRate	appTxFrameRate
25.000	101,359.28143712586	100,753.49301397213
26.000	97,609.43775100414	97,484.93975903628
27.000	102,413.70869033046	102,135.25091799264
28.000	99,926.82926829277	100,970.1897018971
29.000	100,419.8396793586	100,722.44488977936
30.000	99,288	98,901
31.000	101,448.20717131493	101,109.56175298833
32.000	101,506.01202404799	102,001.0020040079
33.000	102,081.34920634929	101,506.94444444454
34.000	100,100.1011122342	100,811.93124368004
35.000	96,718.84346959124	96,628.11565304086
36.000	93,982.0179820182	94,490.5094905097
37.000	95,321.74776564071	96,573.98212512433
38.000	101,486.43216080428	100,616.08040201032
39.000	102,815.26104417644	103,274.09638554194
40.000	98,951.48514851507	99,391.08910891112
41.000	99,088.88888888872	98,142.42424242404
42.000	100,741	100,852
43.000	95,610.61061061038	95,595.59559559538
44.000	97,730.26973026994	98,577.42257742274
45.000	100,996.99398797542	101,196.39278557064
46.000	98,022.04408817655	98,520.04008016053
47.000	102,369.20039486692	102,575.51826258657
48.000	101,432.59557344063	100,641.8511066399
49.000	99,698.4924623111	99,664.32160803975
50.000	104,167.16417910495	103,929.35323383132
51.000	96,970.05988023928	97,602.79441117738
52.000	103,834.67741935517	103,899.19354838738
53.000	100,595.23809523783	101,216.26984126952
54.000	92,982.03592814418	93,330.33932135772
55.000	103,226.64015904572	103,006.95825049699
56.000	103,155.48780487783	104,291.66666666647
57.000	102,525.94810379217	101,493.01397205562
58.000	98,325.37313432882	99,244.77611940344
59.000	104,809.47580645117	103,471.77419354796
60.000	93,109.89010989036	93,981.01898101915
61.000	98,570.57654075544	99,465.20874751489
63.000	0	0
62.000	40,462.73291925476	37,155.279503105674

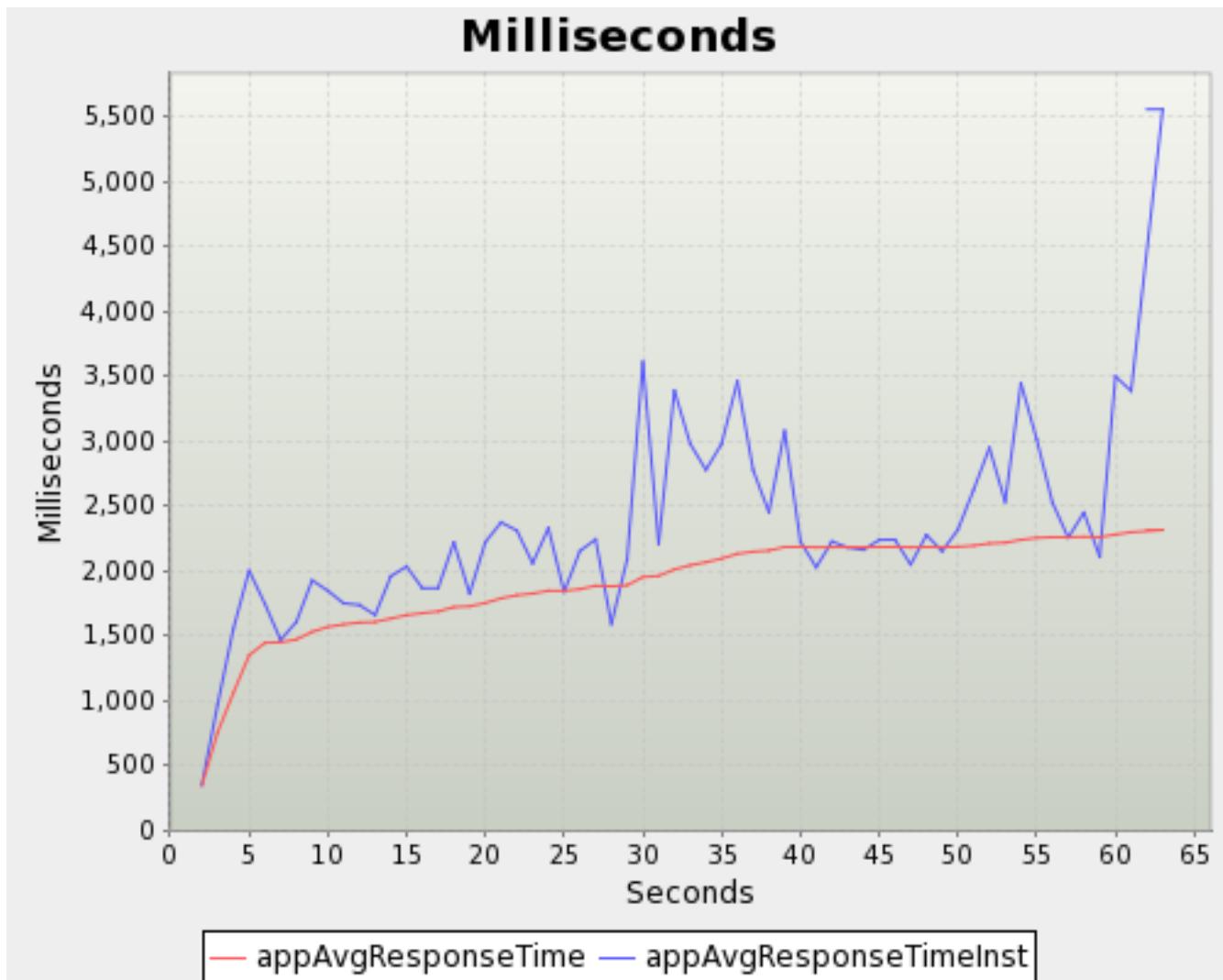
6.3.1.5. Megabits/s



time	appRxFrameData Rate	appTxFrameDataR ate	superflowConfigu redFrameDataRat e	superflowOriginal FrameDataRate	superflowRxFram eDataRate	superflowTxFram eDataRate
0.000	0	0.0007709	0	0	0	0.0007709
1.000	0	0.0007709	0	0	0	0.0007709
2.000	661.7	677.7	0	0	661.7	677.7
3.000	656.1	665.1	0	0	656.1	665.2
4.000	642.5	645.2	0	0	642.5	645.1
5.000	627.5	624.2	0	0	627.5	624.2
6.000	631	626.6	0	0	631	626.6
7.000	670.3	675.9	0	0	670.2	675.9
8.000	620.2	618.7	0	0	620.2	618.7
9.000	637.3	641.7	0	0	637.3	641.8
10.000	627.3	619.1	0	0	627.3	619
11.000	665.1	676.6	0	0	665.1	676.6
12.000	642.6	635.5	0	0	642.7	635.5
13.000	602.5	594.9	0	0	602.5	594.9
14.000	608.3	607.2	0	0	608.3	607.2
15.000	594.5	608.2	0	0	594.5	608.2
16.000	634.9	630.1	0	0	634.9	630.1
17.000	644.4	658	0	0	644.4	658
18.000	624.5	620.4	0	0	624.6	620.4
19.000	621.9	619	0	0	621.9	619
20.000	633.8	625.2	0	0	633.8	625.2
21.000	645.1	660.8	0	0	645.1	660.8

time	appRxFrameDataRate	appTxFrameDataRate	superflowConfiguredFrameDataRate	superflowOriginalFrameDataRate	superflowRxFrameDataRate	superflowTxFrameDataRate
22.000	645.4	640.5	0	0	645.4	640.6
23.000	626.3	622.3	0	0	626.3	622.3
24.000	605.5	613.2	0	0	605.5	613.2
25.000	642.2	632.2	0	0	642.2	632.2
26.000	611.1	620.7	0	0	611.1	620.7
27.000	649.4	641.1	0	0	649.6	642
28.000	625	648.8	0	0	623.8	644.7
29.000	636.5	635.9	0	0	636.5	635.9
30.000	625.3	623.3	0	0	625.3	623.5
31.000	640.3	636.7	0	0	640.3	636.8
32.000	644.7	643.8	0	0	644.7	643.7
33.000	641.9	642	0	0	641.9	642
34.000	632.1	639.1	0	0	632.1	639.1
35.000	612.2	607.7	0	0	612.7	608.5
36.000	595.7	597.5	0	0	595.1	596.8
37.000	605.2	615.4	0	0	605.2	615.4
38.000	641.4	630.3	0	0	641.3	630.3
39.000	645.9	657	0	0	645.9	657
40.000	629.3	625.8	0	0	629.3	625.8
41.000	620.7	620.6	0	0	620.7	620.5
42.000	641	633.1	0	0	641	633.1
43.000	604	602.3	0	0	604	602.3
44.000	619.2	627.2	0	0	619.2	627.2
45.000	640.2	639.5	0	0	640.2	639.5
46.000	617.6	626.4	0	0	617.6	626.3
47.000	648.1	647.1	0	0	648.1	647.1
48.000	640.8	630.8	0	0	640.8	630.8
49.000	628.5	630.8	0	0	628.5	630.8
50.000	660.6	654	0	0	660.7	654
51.000	610.3	622.8	0	0	610.2	622.8
52.000	656.6	653.9	0	0	656.6	653.9
53.000	640.7	638.8	0	0	640.7	638.7
54.000	586.5	591.5	0	0	586.5	591.5
55.000	658.2	643.4	0	0	658.1	643.4
56.000	648.7	667.3	0	0	648.7	667.3
57.000	646.4	636.1	0	0	646.4	636.1
58.000	622.7	631.1	0	0	622.9	631.1
59.000	657.5	649.8	0	0	657.4	649.8
60.000	590.7	595	0	0	590.7	595
61.000	624.9	630.2	0	0	624.9	630.4
63.000	0	0	0	0	0	0
62.000	243.7	227.3	0	0	243.7	227.3

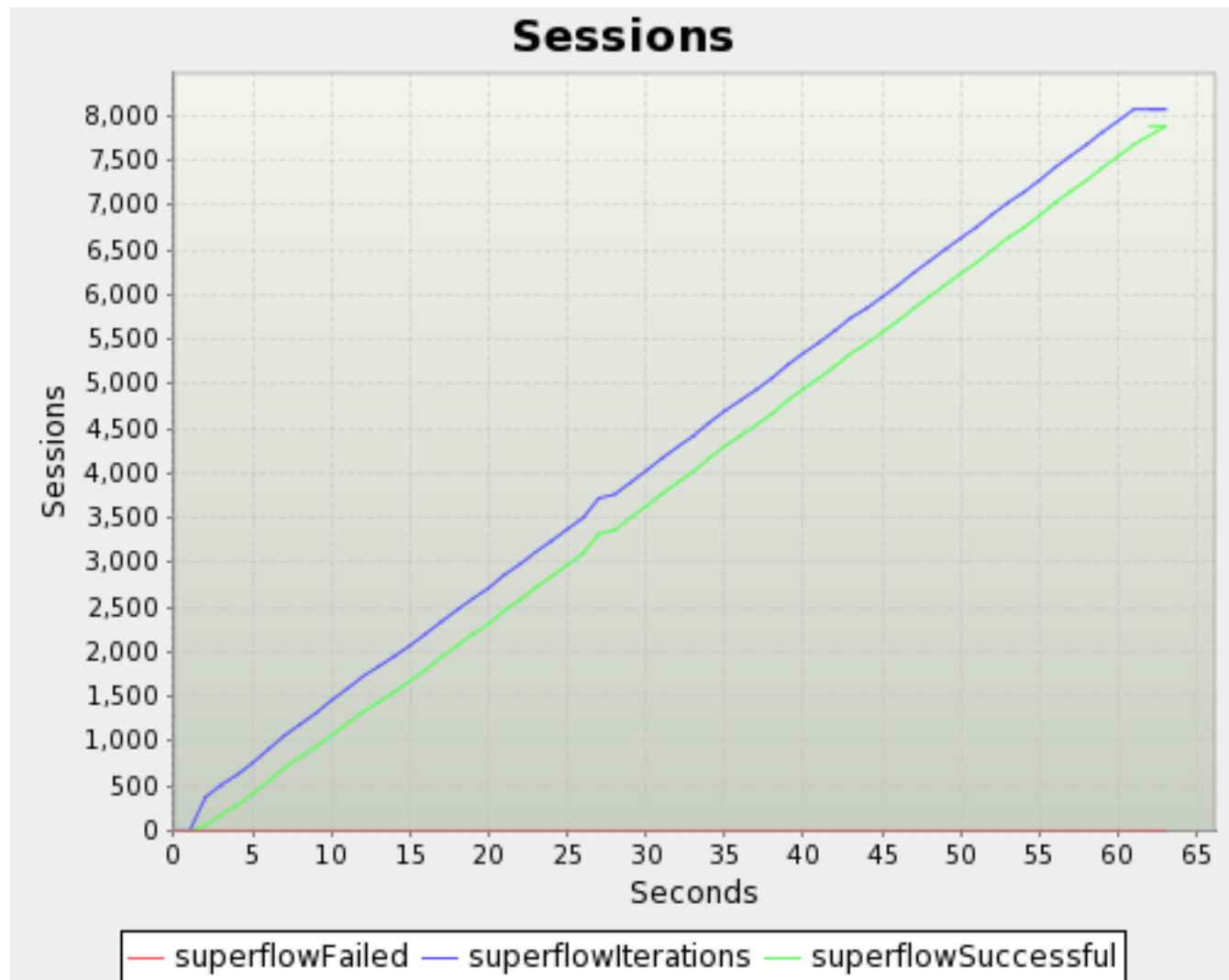
6.3.1.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
0.000		
1.000		
2.000	350.61538461538464	350.61538461538464
3.000	757.8882978723404	973.1138211382114
4.000	1,062.4802631578948	1,556.1293103448277
5.000	1,352.4077448747153	2,005.2814814814815
6.000	1,448.5613126079447	1,750.0714285714287
7.000	1,452.9652294853963	1,471.1785714285713
8.000	1,474.1335740072202	1,610.0267857142858
9.000	1,533.7866108786611	1,930.36
10.000	1,571.4645161290323	1,850.6899224806202
11.000	1,590.8146622734762	1,753.5658914728683
12.000	1,605.1140089418777	1,740.734375
13.000	1,609.9206566347468	1,663.675
14.000	1,636.4667931688805	1,962.6050420168067
15.000	1,662.0947306098283	2,037.2592592592594
16.000	1,677.4928728070176	1,870.1407407407407
17.000	1,690.858163265306	1,870.110294117647
18.000	1,724.246293639407	2,223.793893129771
19.000	1,730.1717763751128	1,827.732283464567
20.000	1,756.210593763349	2,225.756097560976
21.000	1,791.961352657005	2,377.2237762237764
22.000	1,816.0326420890938	2,314.3083333333334
23.000	1,828.6772313296904	2,062.198581560284
24.000	1,850.3110181311017	2,333.1138211382113

time	appAvgResponseTime	appAvgResponseTimelinst
25.000	1,849.9926372155287	1,842.3833333333334
26.000	1,862.9541666666667	2,156.3560606060605
27.000	1,888.2107784431137	2,246.3954545454544
28.000	1,884.5597279716144	1,594.2142857142858
29.000	1,892.5653780557134	2,091.6470588235293
30.000	1,955.7330230010953	3,614.1194029850744
31.000	1,964.7321003963011	2,211.8345864661655
32.000	2,014.6450790413055	3,393.6277372262775
33.000	2,046.4350184956843	2,983.8796992481202
34.000	2,070.312574564543	2,782.25
35.000	2,098.178811010872	2,982.931818181818
36.000	2,135.124015304974	3,466.075
37.000	2,151.28022822032	2,780.9473684210525
38.000	2,160.190202342918	2,454.413043478261
39.000	2,187.6482744368673	3,082.8958333333335
40.000	2,188.7208459214503	2,229.9126984126983
41.000	2,184.8573673870333	2,031.4
42.000	2,185.9915724956904	2,230.06106870229
43.000	2,185.9430119581466	2,184.007633587786
44.000	2,185.5435737824973	2,166.109090909091
45.000	2,186.888134381701	2,241.694029850746
46.000	2,188.1535639412996	2,243.4765625
47.000	2,184.905184174625	2,052.092857142857
48.000	2,187.0205102551276	2,280.285714285714
49.000	2,186.351241018942	2,154.748031496063
50.000	2,189.1482488405563	2,321.9302325581393
51.000	2,197.848879134661	2,629.6349206349205
52.000	2,214.746360153257	2,953.027397260274
53.000	2,220.86214672279	2,535.0787401574803
54.000	2,242.8470397165215	3,451.471074380165
55.000	2,257.887505429275	3,018.10447761194
56.000	2,262.9994317374626	2,530.4848484848485
57.000	2,262.9332404181187	2,259.5073529411766
58.000	2,266.1890410958904	2,453.072
59.000	2,263.224371893054	2,111.8811188811187
60.000	2,283.696617336152	3,502.696
61.000	2,301.668399844014	3,389.752
63.000	2,319.1020872865274	5,561.188405797101
62.000	2,319.1020872865274	5,561.188405797101

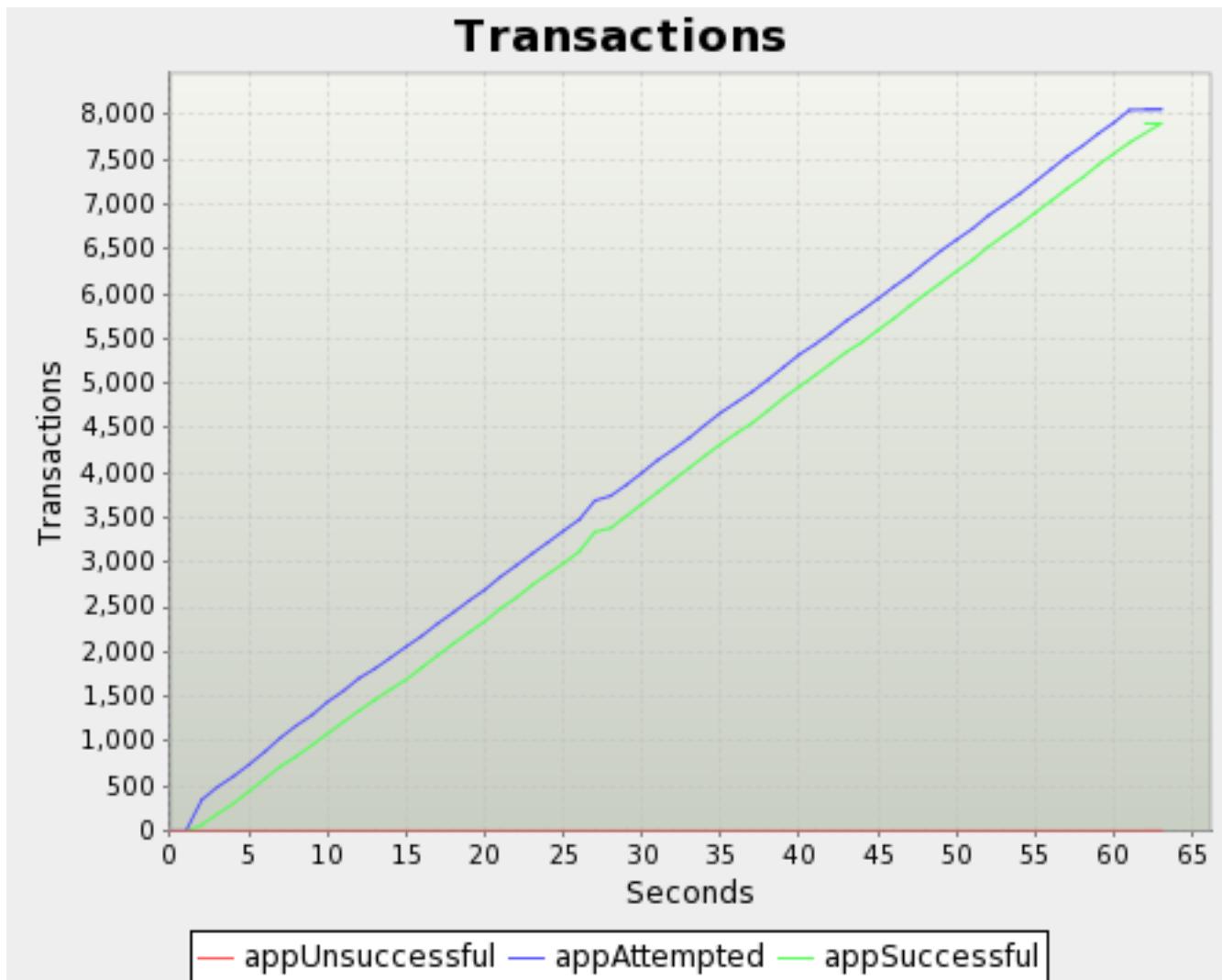
6.3.1.7. Sessions



time	superflowFailed	superflowIterations	superflowSuccessful
0.000	0	1	0
1.000	0	1	0
2.000	0	377	60
3.000	0	513	178
4.000	0	626	285
5.000	0	759	409
6.000	0	913	554
7.000	0	1,062	701
8.000	0	1,189	825
9.000	0	1,314	935
10.000	0	1,459	1,068
11.000	0	1,589	1,198
12.000	0	1,727	1,328
13.000	0	1,838	1,439
14.000	0	1,953	1,554
15.000	0	2,073	1,674
16.000	0	2,204	1,805
17.000	0	2,342	1,943
18.000	0	2,472	2,073
19.000	0	2,599	2,200
20.000	0	2,716	2,317
21.000	0	2,865	2,466
22.000	0	2,984	2,585
23.000	0	3,121	2,722
24.000	0	3,245	2,846

time	superflowFailed	superflowIterations	superflowSuccessful
25.000	0	3,375	2,976
26.000	0	3,502	3,103
27.000	0	3,721	3,322
28.000	0	3,764	3,365
29.000	0	3,895	3,499
30.000	0	4,029	3,631
31.000	0	4,166	3,768
32.000	0	4,295	3,897
33.000	0	4,417	4,018
34.000	0	4,565	4,168
35.000	0	4,698	4,303
36.000	0	4,816	4,421
37.000	0	4,935	4,540
38.000	0	5,064	4,665
39.000	0	5,214	4,815
40.000	0	5,344	4,945
41.000	0	5,464	5,065
42.000	0	5,595	5,197
43.000	0	5,738	5,340
44.000	0	5,844	5,449
45.000	0	5,972	5,574
46.000	0	6,101	5,703
47.000	0	6,243	5,845
48.000	0	6,373	5,975
49.000	0	6,504	6,105
50.000	0	6,631	6,234
51.000	0	6,755	6,356
52.000	0	6,896	6,497
53.000	0	7,028	6,633
54.000	0	7,144	6,747
55.000	0	7,278	6,883
56.000	0	7,424	7,027
57.000	0	7,553	7,157
58.000	0	7,678	7,280
59.000	0	7,817	7,419
60.000	0	7,943	7,546
61.000	0	8,072	7,678
63.000	0	8,072	7,881
62.000	0	8,072	7,881

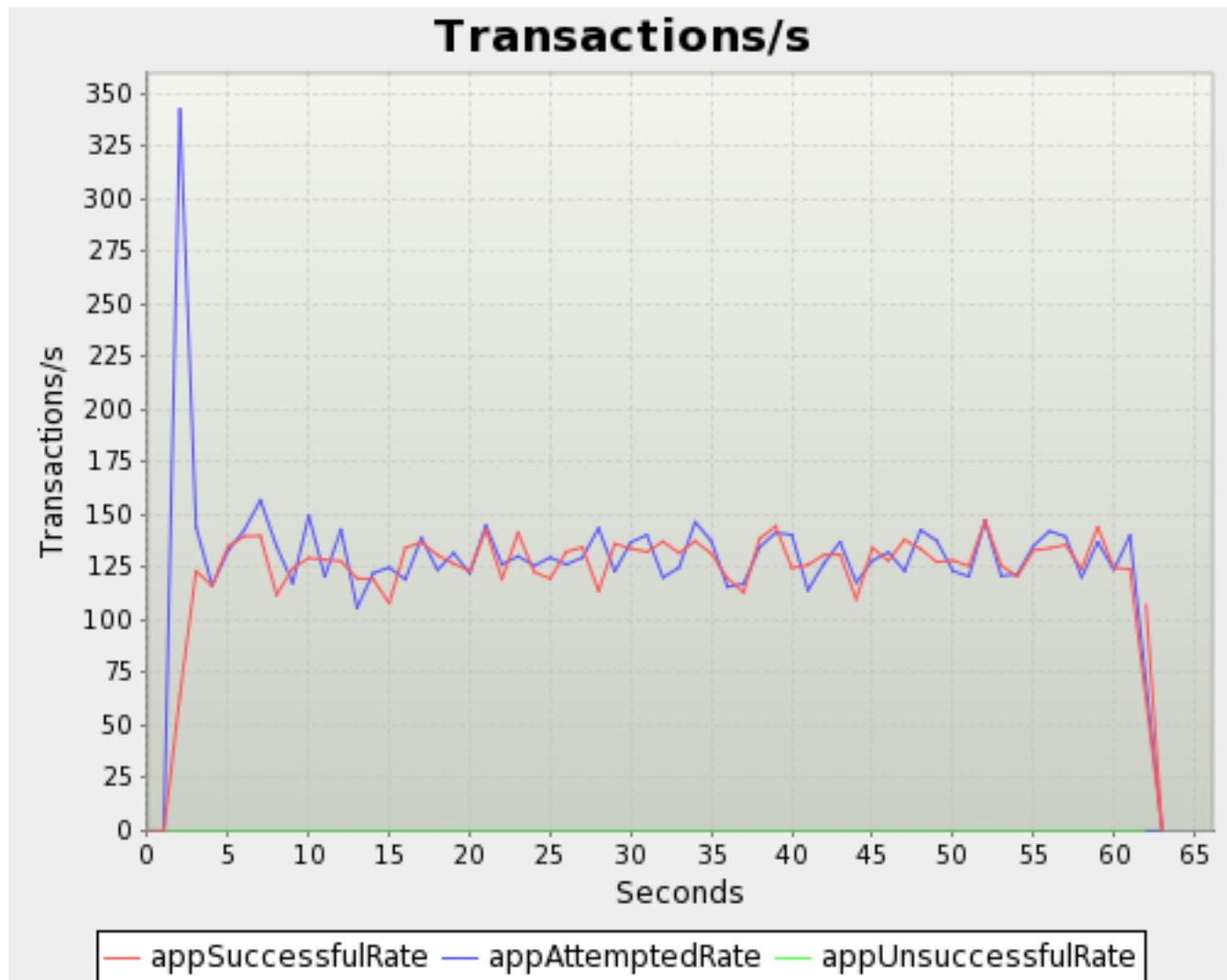
6.3.1.8. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
0.000	0	0	0
1.000	0	0	0
2.000	346	65	0
3.000	490	188	0
4.000	606	304	0
5.000	739	439	0
6.000	882	579	0
7.000	1,039	719	0
8.000	1,174	831	0
9.000	1,292	956	0
10.000	1,441	1,085	0
11.000	1,562	1,214	0
12.000	1,705	1,342	0
13.000	1,811	1,462	0
14.000	1,933	1,581	0
15.000	2,058	1,689	0
16.000	2,178	1,824	0
17.000	2,316	1,960	0
18.000	2,440	2,091	0
19.000	2,572	2,218	0
20.000	2,694	2,341	0
21.000	2,839	2,484	0
22.000	2,966	2,604	0
23.000	3,096	2,745	0
24.000	3,222	2,868	0

time	appAttempted	appSuccessful	appUnsuccessful
25.000	3,352	2,988	0
26.000	3,478	3,120	0
27.000	3,690	3,340	0
28.000	3,743	3,382	0
29.000	3,866	3,518	0
30.000	4,003	3,652	0
31.000	4,144	3,785	0
32.000	4,264	3,922	0
33.000	4,390	4,055	0
34.000	4,535	4,191	0
35.000	4,673	4,323	0
36.000	4,789	4,443	0
37.000	4,907	4,557	0
38.000	5,041	4,695	0
39.000	5,182	4,839	0
40.000	5,324	4,965	0
41.000	5,437	5,090	0
42.000	5,564	5,221	0
43.000	5,701	5,352	0
44.000	5,819	5,462	0
45.000	5,947	5,596	0
46.000	6,079	5,724	0
47.000	6,204	5,864	0
48.000	6,346	5,997	0
49.000	6,483	6,124	0
50.000	6,607	6,253	0
51.000	6,728	6,379	0
52.000	6,874	6,525	0
53.000	6,996	6,652	0
54.000	7,118	6,773	0
55.000	7,254	6,907	0
56.000	7,394	7,039	0
57.000	7,534	7,175	0
58.000	7,655	7,300	0
59.000	7,791	7,443	0
60.000	7,915	7,568	0
61.000	8,056	7,693	0
63.000	8,063	7,905	0
62.000	8,063	7,905	0

6.3.1.9. Transactions/s

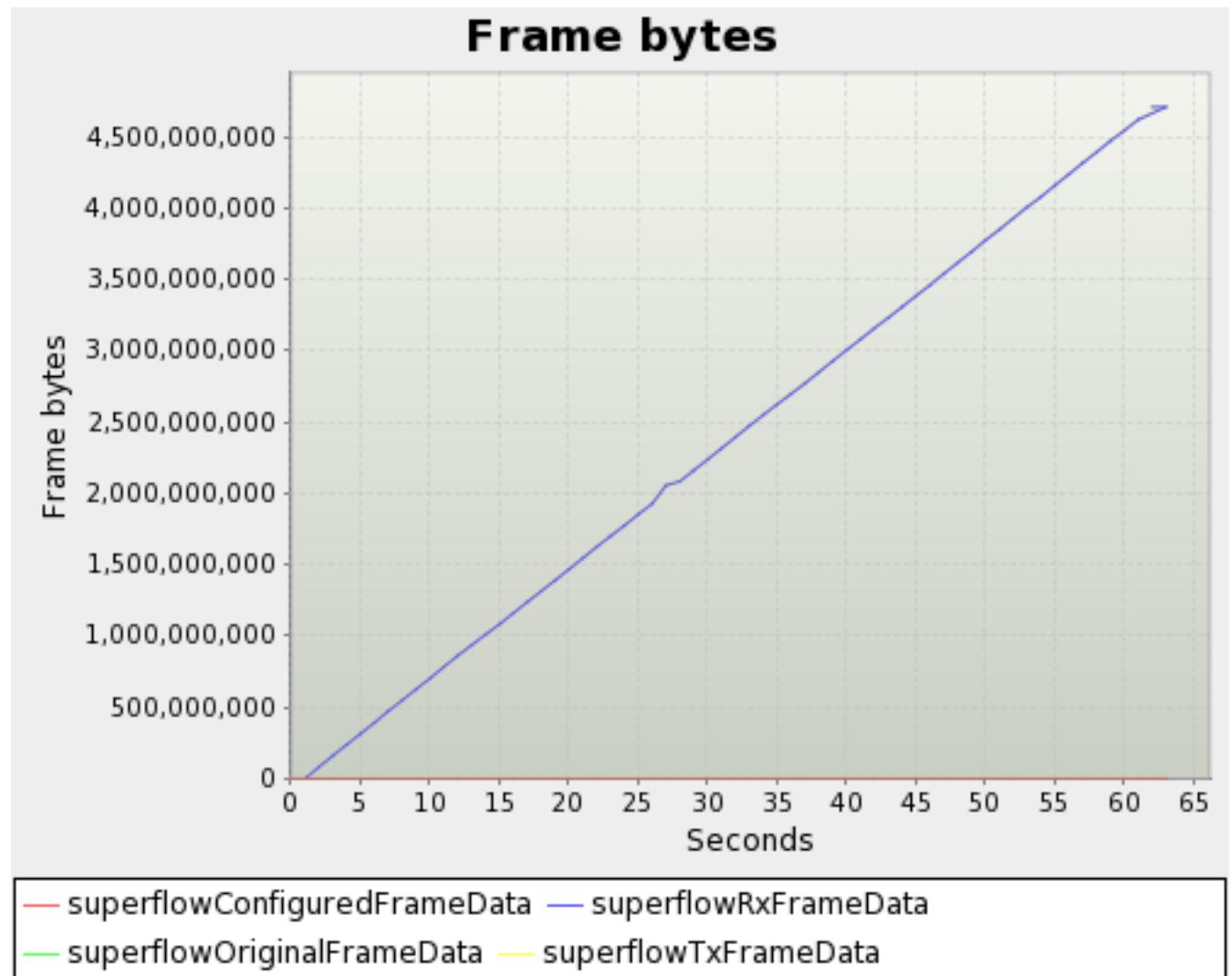


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
0.000	0	0	0
1.000	0	0	0
2.000	342.6	64.36	0
3.000	144.3	123.2	0
4.000	116.5	116.5	0
5.000	133.1	135.1	0
6.000	142.9	139.9	0
7.000	157	140	0
8.000	135	112	0
9.000	117.6	124.6	0
10.000	149.6	129.5	0
11.000	120.8	128.7	0
12.000	143	128	0
13.000	105.9	119.9	0
14.000	122.4	119.4	0
15.000	125	108	0
16.000	119.4	134.3	0
17.000	139	137	0
18.000	123.9	130.9	0
19.000	131.9	126.9	0
20.000	122.2	123.2	0
21.000	145	143	0
22.000	126.5	119.5	0
23.000	130.4	141.4	0
24.000	125.9	122.9	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
25.000	129.7	119.8	0
26.000	126.5	132.5	0
27.000	129.7	134.6	0
28.000	143.6	113.8	0
29.000	123.2	136.3	0
30.000	137	134	0
31.000	140.4	132.5	0
32.000	120.2	137.3	0
33.000	125	131.9	0
34.000	146.6	137.5	0
35.000	137.6	131.6	0
36.000	115.9	119.9	0
37.000	117.2	113.2	0
38.000	134.7	138.7	0
39.000	141.6	144.6	0
40.000	140.6	124.8	0
41.000	114.1	126.3	0
42.000	127	131	0
43.000	137.1	131.1	0
44.000	117.9	109.9	0
45.000	128.3	134.3	0
46.000	132.3	128.3	0
47.000	123.4	138.2	0
48.000	142.9	133.8	0
49.000	137.7	127.6	0
50.000	123.4	128.4	0
51.000	120.8	125.7	0
52.000	147.2	147.2	0
53.000	121	126	0
54.000	121.8	120.8	0
55.000	135.2	133.2	0
56.000	142.3	134.1	0
57.000	139.7	135.7	0
58.000	120.4	124.4	0
59.000	137.1	144.2	0
60.000	123.9	124.9	0
61.000	140.2	124.3	0
63.000	0	0	0
62.000	0	107.1	0

6.3.2. [protocol=BreakingPoint Bandwidth HTTP]

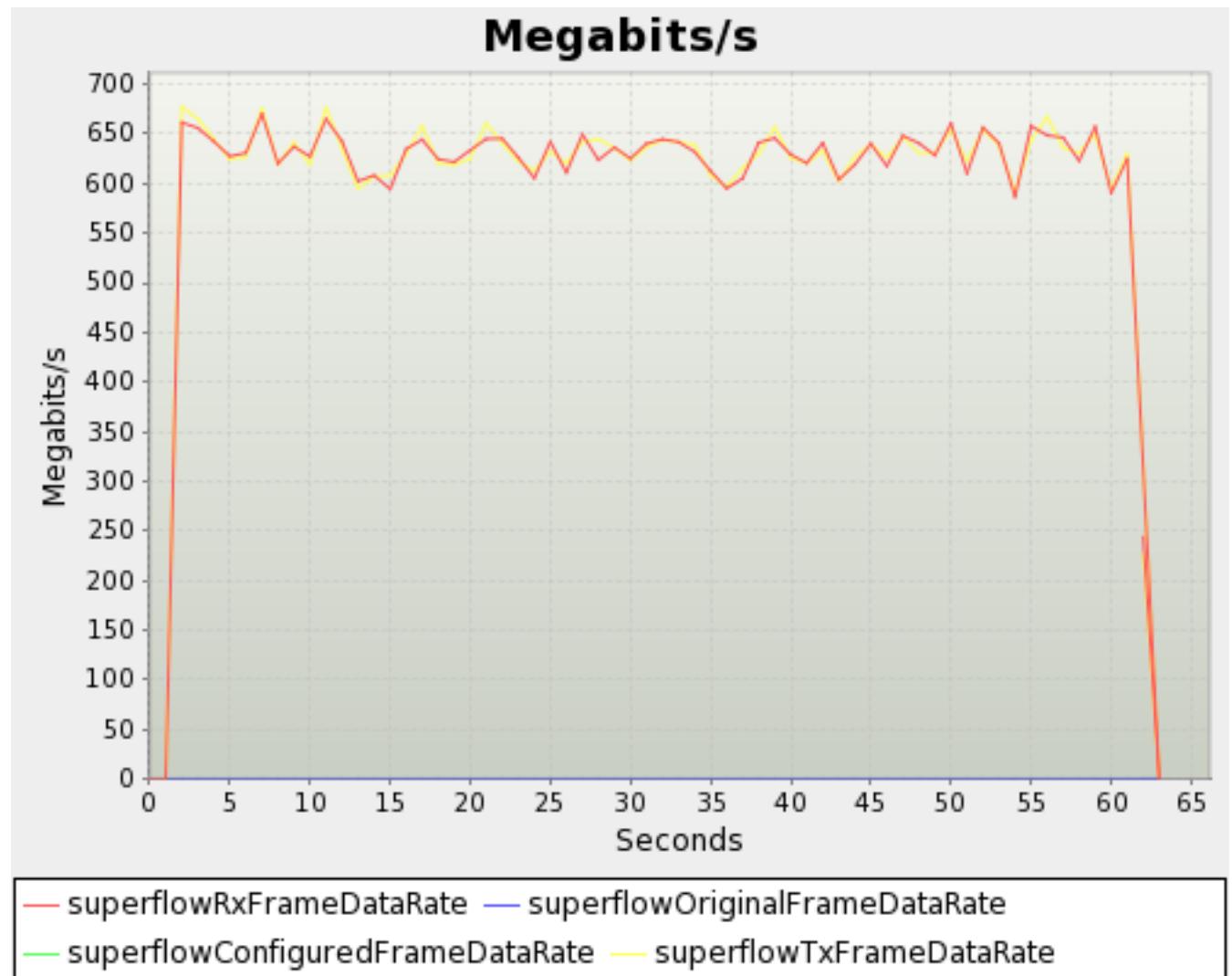
6.3.2.1. Frame bytes



time	superflowConfiguredFrameData	superflowOriginalFrameData	superflowRxFrameData	superflowTxFrameData
0.000	0	0	0	70
1.000	0	0	0	70
2.000	0	0	81,432,047	83,399,677
3.000	0	0	161,221,357	164,291,335
4.000	0	0	239,197,076	242,578,782
5.000	0	0	315,574,981	318,551,498
6.000	0	0	392,528,013	394,962,414
7.000	0	0	474,171,628	477,316,181
8.000	0	0	549,740,671	552,699,025
9.000	0	0	627,615,033	631,138,138
10.000	0	0	703,733,938	706,236,225
11.000	0	0	784,949,176	788,854,905
12.000	0	0	863,242,290	866,271,279
13.000	0	0	936,708,770	938,816,880
14.000	0	0	1,010,597,075	1,012,576,818
15.000	0	0	1,083,043,193	1,086,694,891
16.000	0	0	1,160,780,568	1,163,840,775
17.000	0	0	1,238,732,179	1,243,470,312
18.000	0	0	1,314,918,775	1,319,128,793
19.000	0	0	1,390,749,294	1,394,609,891
20.000	0	0	1,467,819,665	1,470,612,359
21.000	0	0	1,546,409,486	1,551,140,548
22.000	0	0	1,625,365,324	1,629,492,063

time	superflowConfiguredFrameData	superflowOriginalFrameData	superflowRxFrameData	superflowTxFrameData
23.000	0	0	1,701,446,197	1,705,072,277
24.000	0	0	1,775,292,472	1,779,864,576
25.000	0	0	1,853,696,479	1,857,026,966
26.000	0	0	1,927,838,803	1,932,359,493
27.000	0	0	2,057,176,218	2,060,143,612
28.000	0	0	2,085,213,474	2,089,137,945
29.000	0	0	2,162,611,648	2,166,460,690
30.000	0	0	2,238,788,594	2,242,416,828
31.000	0	0	2,317,104,865	2,320,301,684
32.000	0	0	2,395,504,208	2,398,562,349
33.000	0	0	2,474,331,463	2,477,402,721
34.000	0	0	2,550,492,001	2,554,414,285
35.000	0	0	2,625,370,759	2,628,760,530
36.000	0	0	2,697,957,530	2,701,541,073
37.000	0	0	2,772,218,728	2,777,061,468
38.000	0	0	2,849,964,579	2,853,448,770
39.000	0	0	2,928,331,206	2,933,186,512
40.000	0	0	3,005,778,865	3,010,183,825
41.000	0	0	3,080,631,532	3,085,032,723
42.000	0	0	3,158,744,988	3,162,150,508
43.000	0	0	3,232,257,463	3,235,454,547
44.000	0	0	3,307,772,994	3,311,958,031
45.000	0	0	3,385,624,903	3,389,721,640
46.000	0	0	3,460,719,746	3,465,886,506
47.000	0	0	3,540,716,181	3,545,748,375
48.000	0	0	3,618,316,712	3,622,124,293
49.000	0	0	3,694,499,119	3,698,598,724
50.000	0	0	3,775,411,027	3,778,671,398
51.000	0	0	3,849,899,391	3,854,719,385
52.000	0	0	3,929,260,093	3,933,743,813
53.000	0	0	4,007,959,777	4,012,184,876
54.000	0	0	4,079,560,586	4,084,400,053
55.000	0	0	4,160,241,086	4,163,231,681
56.000	0	0	4,237,996,561	4,243,252,858
57.000	0	0	4,316,906,322	4,320,891,410
58.000	0	0	4,393,180,416	4,398,182,298
59.000	0	0	4,472,615,882	4,476,702,527
60.000	0	0	4,544,662,609	4,549,268,556
61.000	0	0	4,621,263,747	4,626,539,679
63.000	0	0	4,710,028,573	4,712,855,173
62.000	0	0	4,710,028,573	4,712,855,173

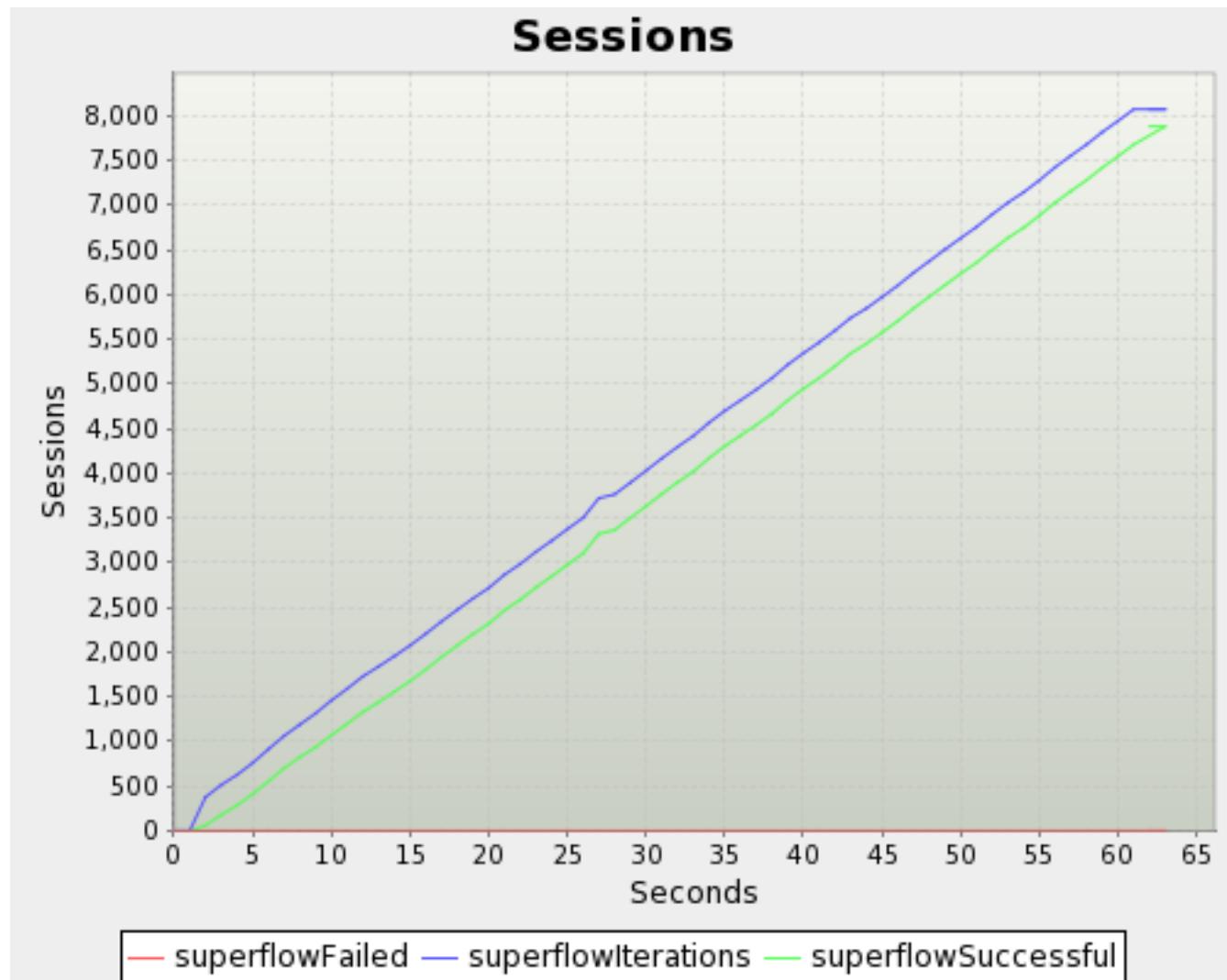
6.3.2.2. Megabits/s



time	superflowConfiguredFrameDataRate	superflowOriginalFrameDataRate	superflowRxFrameDataRate	superflowTxFrameDataRate
0.000	0	0	0	0.0007709
1.000	0	0	0	0.0007709
2.000	0	0	661.7	677.7
3.000	0	0	656.1	665.2
4.000	0	0	642.5	645.1
5.000	0	0	627.5	624.2
6.000	0	0	631	626.6
7.000	0	0	670.2	675.9
8.000	0	0	620.2	618.7
9.000	0	0	637.3	641.8
10.000	0	0	627.3	619
11.000	0	0	665.1	676.6
12.000	0	0	642.7	635.5
13.000	0	0	602.5	594.9
14.000	0	0	608.3	607.2
15.000	0	0	594.5	608.2
16.000	0	0	634.9	630.1
17.000	0	0	644.4	658
18.000	0	0	624.6	620.4
19.000	0	0	621.9	619
20.000	0	0	633.8	625.2
21.000	0	0	645.1	660.8
22.000	0	0	645.4	640.6

time	superflowConfiguredFrameDataRate	superflowOriginalFrameDataRate	superflowRxFrameDataRate	superflowTxFrameDataRate
23.000	0	0	626.3	622.3
24.000	0	0	605.5	613.2
25.000	0	0	642.2	632.2
26.000	0	0	611.1	620.7
27.000	0	0	649.6	642
28.000	0	0	623.8	644.7
29.000	0	0	636.5	635.9
30.000	0	0	625.3	623.5
31.000	0	0	640.3	636.8
32.000	0	0	644.7	643.7
33.000	0	0	641.9	642
34.000	0	0	632.1	639.1
35.000	0	0	612.7	608.5
36.000	0	0	595.1	596.8
37.000	0	0	605.2	615.4
38.000	0	0	641.3	630.3
39.000	0	0	645.9	657
40.000	0	0	629.3	625.8
41.000	0	0	620.7	620.5
42.000	0	0	641	633.1
43.000	0	0	604	602.3
44.000	0	0	619.2	627.2
45.000	0	0	640.2	639.5
46.000	0	0	617.6	626.3
47.000	0	0	648.1	647.1
48.000	0	0	640.8	630.8
49.000	0	0	628.5	630.8
50.000	0	0	660.7	654
51.000	0	0	610.2	622.8
52.000	0	0	656.6	653.9
53.000	0	0	640.7	638.7
54.000	0	0	586.5	591.5
55.000	0	0	658.1	643.4
56.000	0	0	648.7	667.3
57.000	0	0	646.4	636.1
58.000	0	0	622.9	631.1
59.000	0	0	657.4	649.8
60.000	0	0	590.7	595
61.000	0	0	624.9	630.4
63.000	0	0	0	0
62.000	0	0	243.7	227.3

6.3.2.3. Sessions

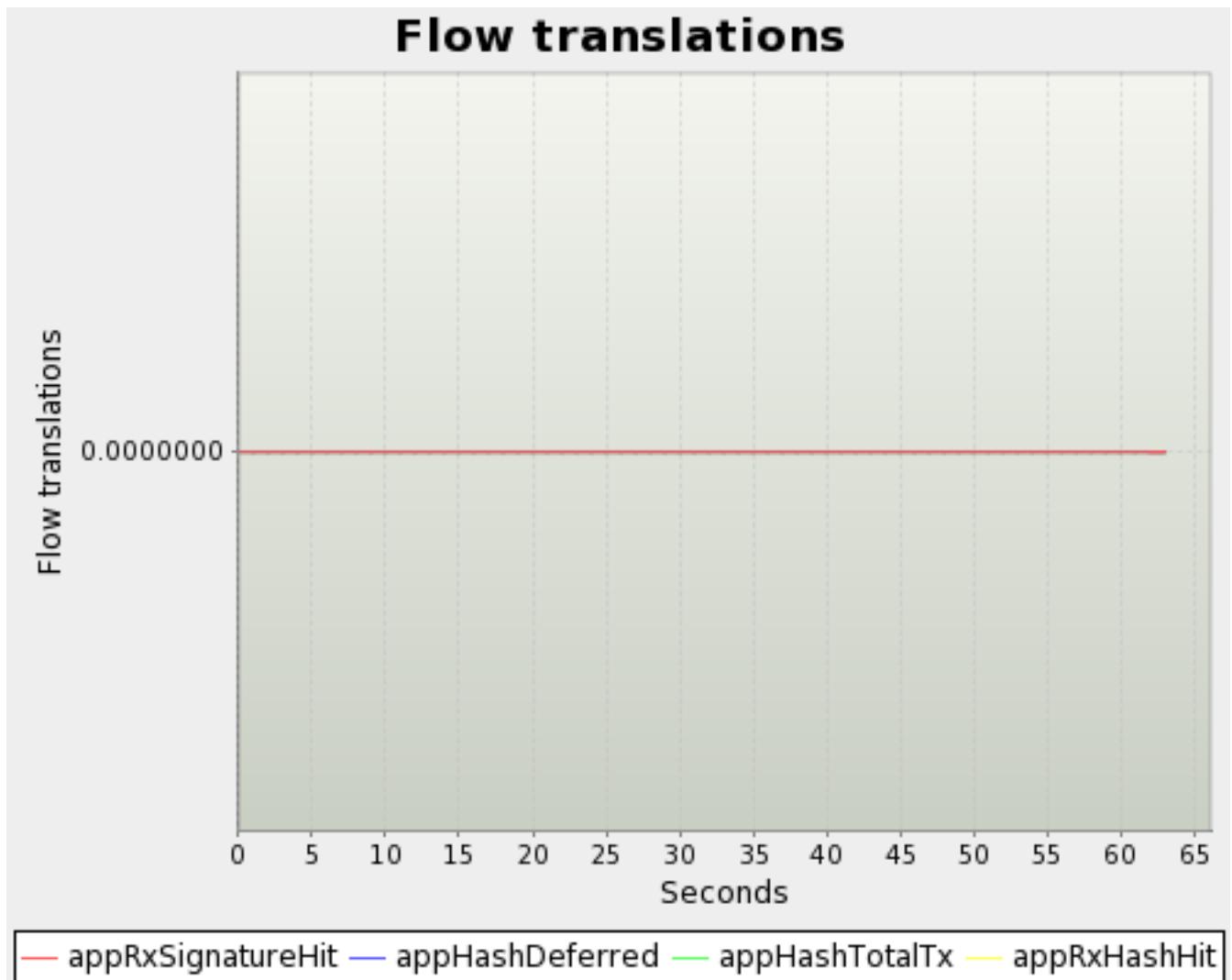


time	superflowFailed	superflowIterations	superflowSuccessful
0.000	0	1	0
1.000	0	1	0
2.000	0	377	60
3.000	0	513	178
4.000	0	626	285
5.000	0	759	409
6.000	0	913	554
7.000	0	1,062	701
8.000	0	1,189	825
9.000	0	1,314	935
10.000	0	1,459	1,068
11.000	0	1,589	1,198
12.000	0	1,727	1,328
13.000	0	1,838	1,439
14.000	0	1,953	1,554
15.000	0	2,073	1,674
16.000	0	2,204	1,805
17.000	0	2,342	1,943
18.000	0	2,472	2,073
19.000	0	2,599	2,200
20.000	0	2,716	2,317
21.000	0	2,865	2,466
22.000	0	2,984	2,585
23.000	0	3,121	2,722
24.000	0	3,245	2,846

time	superflowFailed	superflowIterations	superflowSuccessful
25.000	0	3,375	2,976
26.000	0	3,502	3,103
27.000	0	3,721	3,322
28.000	0	3,764	3,365
29.000	0	3,895	3,499
30.000	0	4,029	3,631
31.000	0	4,166	3,768
32.000	0	4,295	3,897
33.000	0	4,417	4,018
34.000	0	4,565	4,168
35.000	0	4,698	4,303
36.000	0	4,816	4,421
37.000	0	4,935	4,540
38.000	0	5,064	4,665
39.000	0	5,214	4,815
40.000	0	5,344	4,945
41.000	0	5,464	5,065
42.000	0	5,595	5,197
43.000	0	5,738	5,340
44.000	0	5,844	5,449
45.000	0	5,972	5,574
46.000	0	6,101	5,703
47.000	0	6,243	5,845
48.000	0	6,373	5,975
49.000	0	6,504	6,105
50.000	0	6,631	6,234
51.000	0	6,755	6,356
52.000	0	6,896	6,497
53.000	0	7,028	6,633
54.000	0	7,144	6,747
55.000	0	7,278	6,883
56.000	0	7,424	7,027
57.000	0	7,553	7,157
58.000	0	7,678	7,280
59.000	0	7,817	7,419
60.000	0	7,943	7,546
61.000	0	8,072	7,678
63.000	0	8,072	7,881
62.000	0	8,072	7,881

6.3.3. [protocol=HTTP]

6.3.3.1. Flow translations



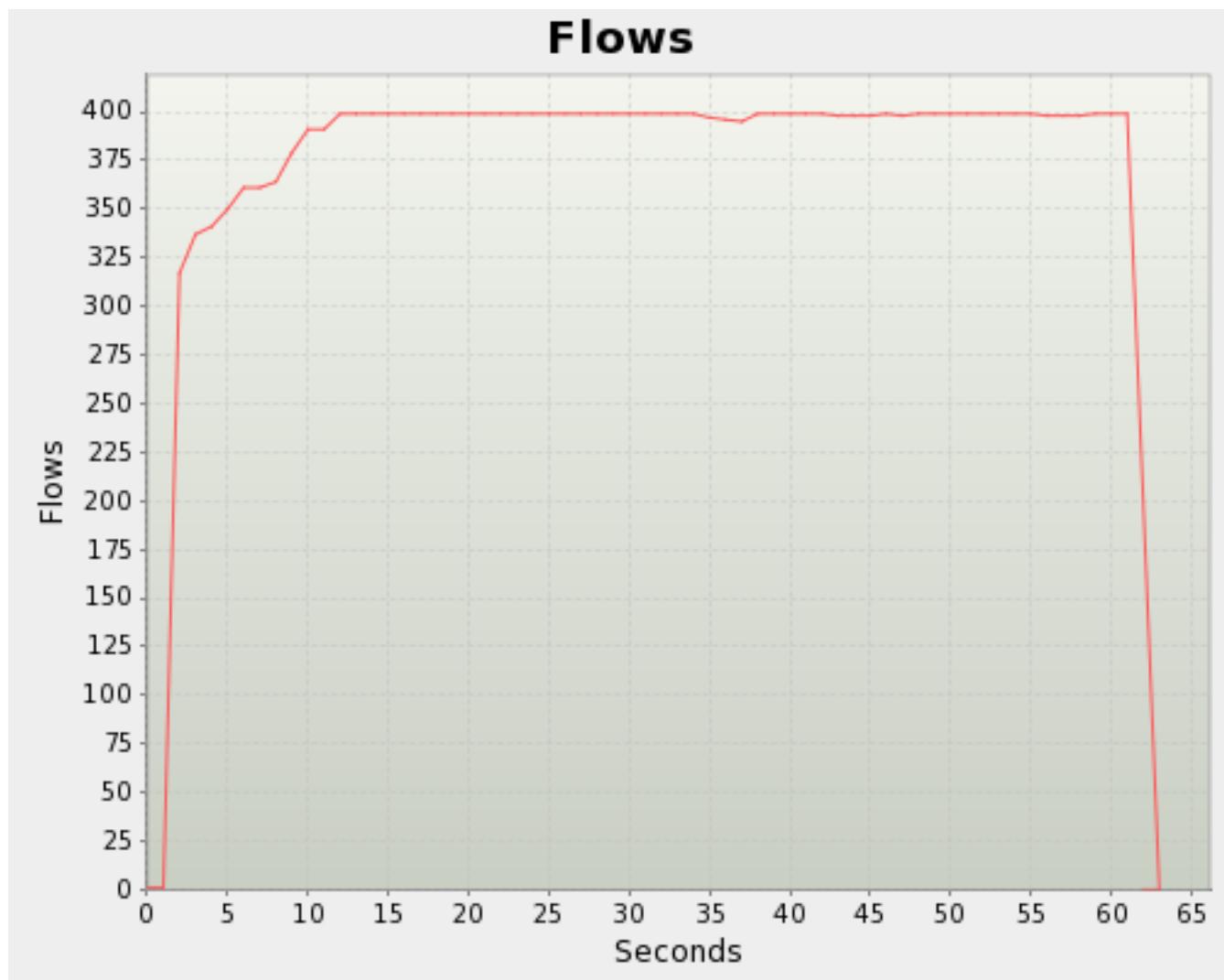
time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
0.000	0	0	0	0
1.000	0	0	0	0
2.000	0	0	0	0
3.000	0	0	0	0
4.000	0	0	0	0
5.000	0	0	0	0
6.000	0	0	0	0
7.000	0	0	0	0
8.000	0	0	0	0
9.000	0	0	0	0
10.000	0	0	0	0
11.000	0	0	0	0
12.000	0	0	0	0
13.000	0	0	0	0
14.000	0	0	0	0
15.000	0	0	0	0
16.000	0	0	0	0
17.000	0	0	0	0
18.000	0	0	0	0
19.000	0	0	0	0
20.000	0	0	0	0
21.000	0	0	0	0
22.000	0	0	0	0
23.000	0	0	0	0
24.000	0	0	0	0

Test Results for HTTP_B2B

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time	appHashDeferred	appHashTotalTx	appRxHashHit	appRxSignatureHit
25.000	0	0	0	0
26.000	0	0	0	0
27.000	0	0	0	0
28.000	0	0	0	0
29.000	0	0	0	0
30.000	0	0	0	0
31.000	0	0	0	0
32.000	0	0	0	0
33.000	0	0	0	0
34.000	0	0	0	0
35.000	0	0	0	0
36.000	0	0	0	0
37.000	0	0	0	0
38.000	0	0	0	0
39.000	0	0	0	0
40.000	0	0	0	0
41.000	0	0	0	0
42.000	0	0	0	0
43.000	0	0	0	0
44.000	0	0	0	0
45.000	0	0	0	0
46.000	0	0	0	0
47.000	0	0	0	0
48.000	0	0	0	0
49.000	0	0	0	0
50.000	0	0	0	0
51.000	0	0	0	0
52.000	0	0	0	0
53.000	0	0	0	0
54.000	0	0	0	0
55.000	0	0	0	0
56.000	0	0	0	0
57.000	0	0	0	0
58.000	0	0	0	0
59.000	0	0	0	0
60.000	0	0	0	0
61.000	0	0	0	0
63.000	0	0	0	0
62.000	0	0	0	0

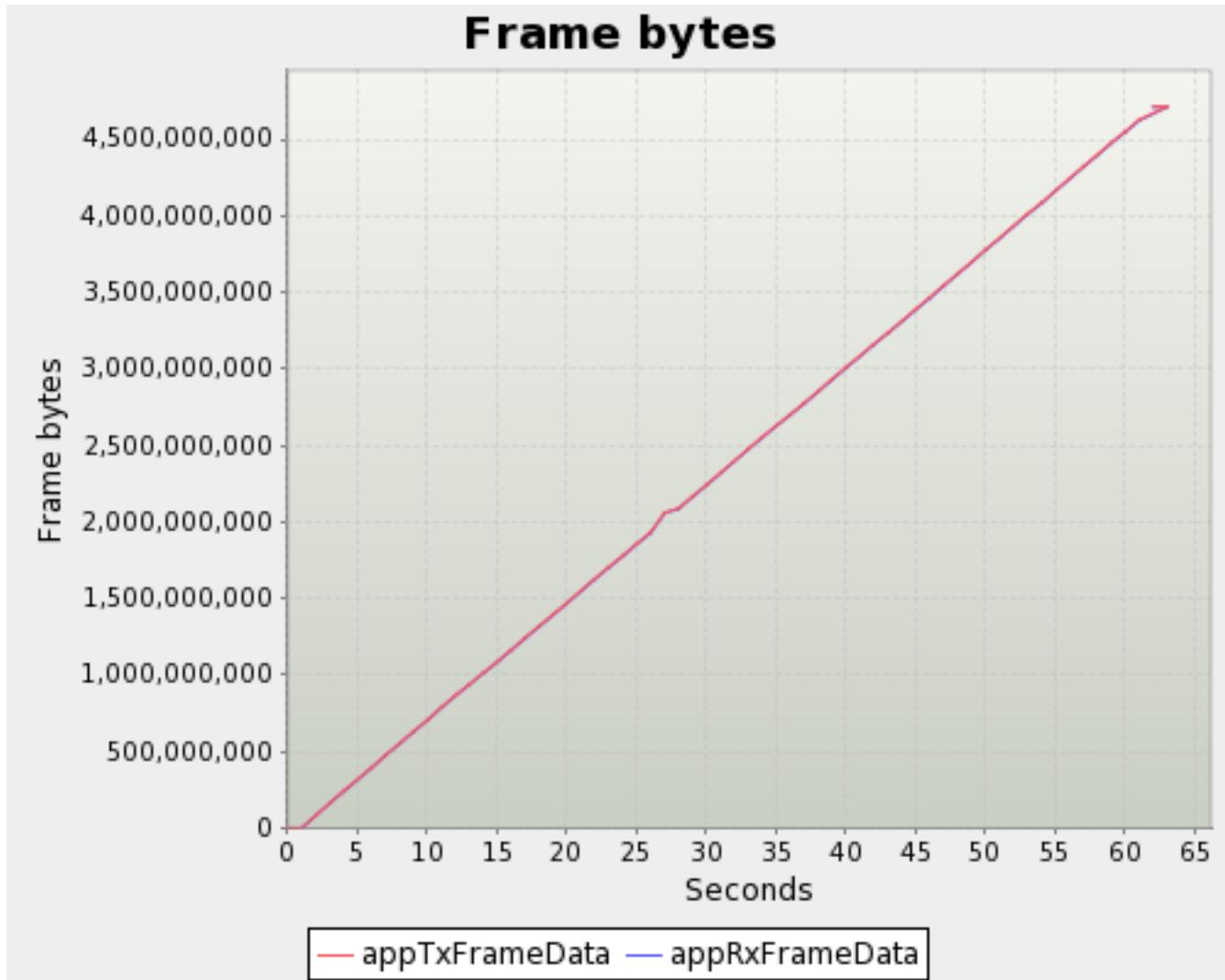
6.3.3.2. Flows



time	concurrentAppFlows
0.000	1
1.000	1
2.000	317
3.000	337
4.000	341
5.000	350
6.000	361
7.000	361
8.000	364
9.000	379
10.000	391
11.000	391
12.000	399
13.000	399
14.000	399
15.000	399
16.000	399
17.000	399
18.000	399
19.000	399
20.000	399
21.000	399
22.000	399
23.000	399
24.000	399
35.000	395
63.000	0

time	concurrentAppFlows
25.000	399
26.000	399
27.000	399
28.000	399
29.000	399
30.000	399
31.000	399
32.000	399
33.000	399
34.000	399
35.000	397
36.000	396
37.000	395
38.000	399
39.000	399
40.000	399
41.000	399
42.000	399
43.000	398
44.000	398
45.000	398
46.000	399
47.000	398
48.000	399
49.000	399
50.000	399
51.000	399
52.000	399
53.000	399
54.000	399
55.000	399
56.000	398
57.000	398
58.000	398
59.000	399
60.000	399
61.000	399
63.000	0
62.000	0

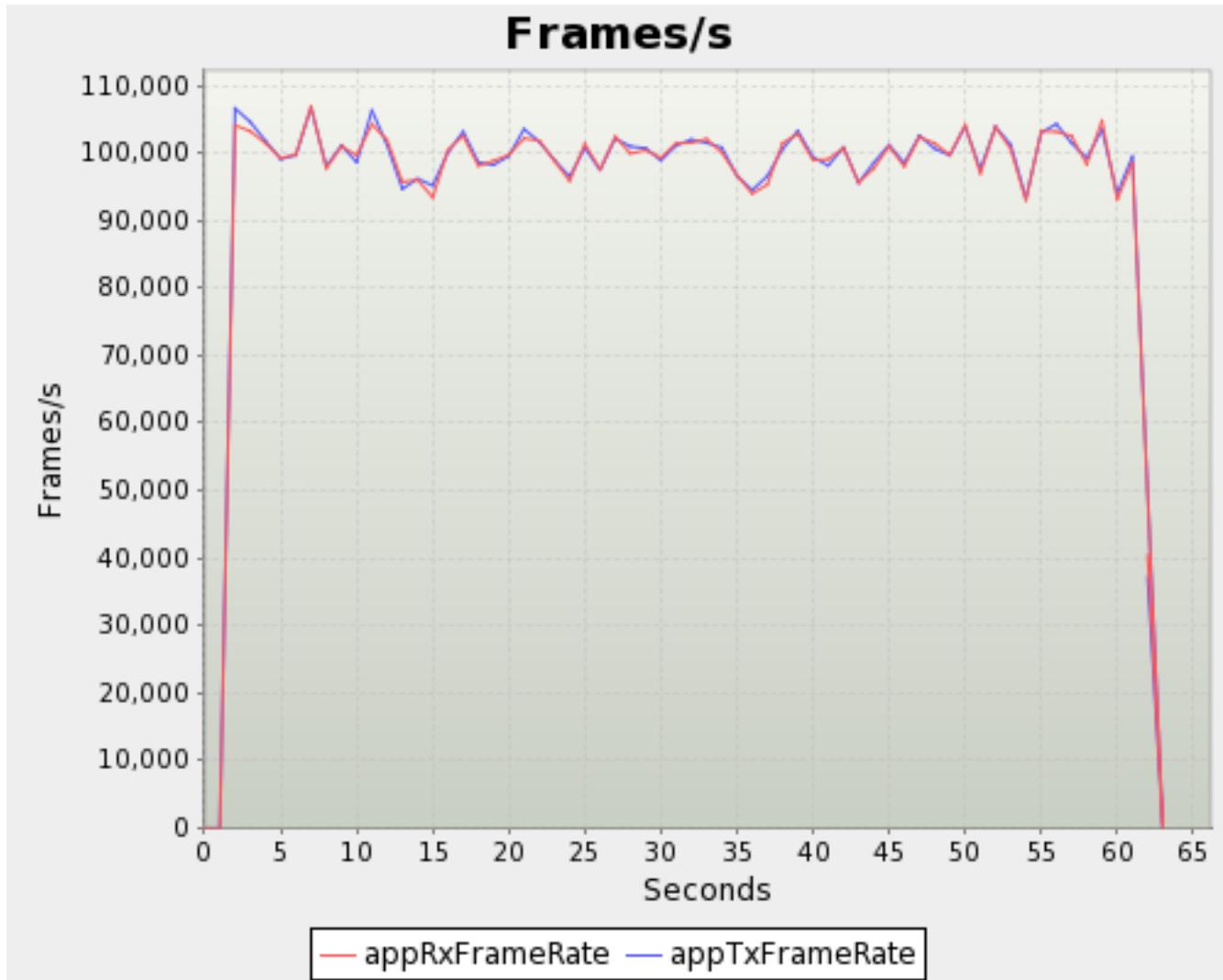
6.3.3.3. Frame bytes



time	appRxFrameData	appTxFrameData
0.000	0	70
1.000	0	70
2.000	81,432,047	83,399,677
3.000	161,221,357	164,279,223
4.000	239,197,076	242,578,782
5.000	315,574,981	318,551,498
6.000	392,527,156	394,962,348
7.000	474,171,628	477,316,181
8.000	549,739,157	552,699,025
9.000	627,615,033	631,118,023
10.000	703,732,354	706,236,089
11.000	784,949,176	788,854,905
12.000	863,240,776	866,269,699
13.000	936,708,770	938,816,880
14.000	1,010,597,075	1,012,576,818
15.000	1,083,043,193	1,086,694,891
16.000	1,160,780,568	1,163,840,775
17.000	1,238,732,179	1,243,470,312
18.000	1,314,913,969	1,319,127,015
19.000	1,390,749,294	1,394,609,891
20.000	1,467,819,665	1,470,612,359
21.000	1,546,409,486	1,551,140,548
22.000	1,625,365,324	1,629,487,521
23.000	1,701,442,971	1,705,070,631
24.000	1,775,292,472	1,779,864,576

time	appRxFrameData	appTxFrameData
25.000	1,853,696,479	1,857,026,966
26.000	1,927,835,775	1,932,359,361
27.000	2,057,120,687	2,059,956,611
28.000	2,085,211,188	2,089,137,945
29.000	2,162,611,648	2,166,460,690
30.000	2,238,788,594	2,242,398,660
31.000	2,317,104,865	2,320,278,517
32.000	2,395,504,208	2,398,562,349
33.000	2,474,331,463	2,477,402,721
34.000	2,550,492,001	2,554,414,285
35.000	2,625,300,221	2,628,665,327
36.000	2,697,957,530	2,701,541,073
37.000	2,772,215,894	2,777,061,336
38.000	2,849,964,579	2,853,447,256
39.000	2,928,331,206	2,933,186,512
40.000	3,005,777,351	3,010,180,731
41.000	3,080,630,018	3,085,032,657
42.000	3,158,744,988	3,162,150,508
43.000	3,232,257,463	3,235,451,519
44.000	3,307,772,994	3,311,958,031
45.000	3,385,624,903	3,389,711,042
46.000	3,460,719,746	3,465,886,506
47.000	3,540,716,181	3,545,748,375
48.000	3,618,316,580	3,622,124,293
49.000	3,694,499,119	3,698,598,724
50.000	3,775,397,401	3,778,670,804
51.000	3,849,899,391	3,854,719,385
52.000	3,929,260,093	3,933,740,719
53.000	4,007,959,777	4,012,184,876
54.000	4,079,554,530	4,084,399,789
55.000	4,160,240,624	4,163,231,681
56.000	4,237,996,561	4,243,252,858
57.000	4,316,906,322	4,320,891,410
58.000	4,393,160,668	4,398,182,298
59.000	4,472,615,882	4,476,702,527
60.000	4,544,662,609	4,549,268,556
61.000	4,621,263,747	4,626,513,941
63.000	4,710,028,573	4,712,855,173
62.000	4,710,028,573	4,712,855,173

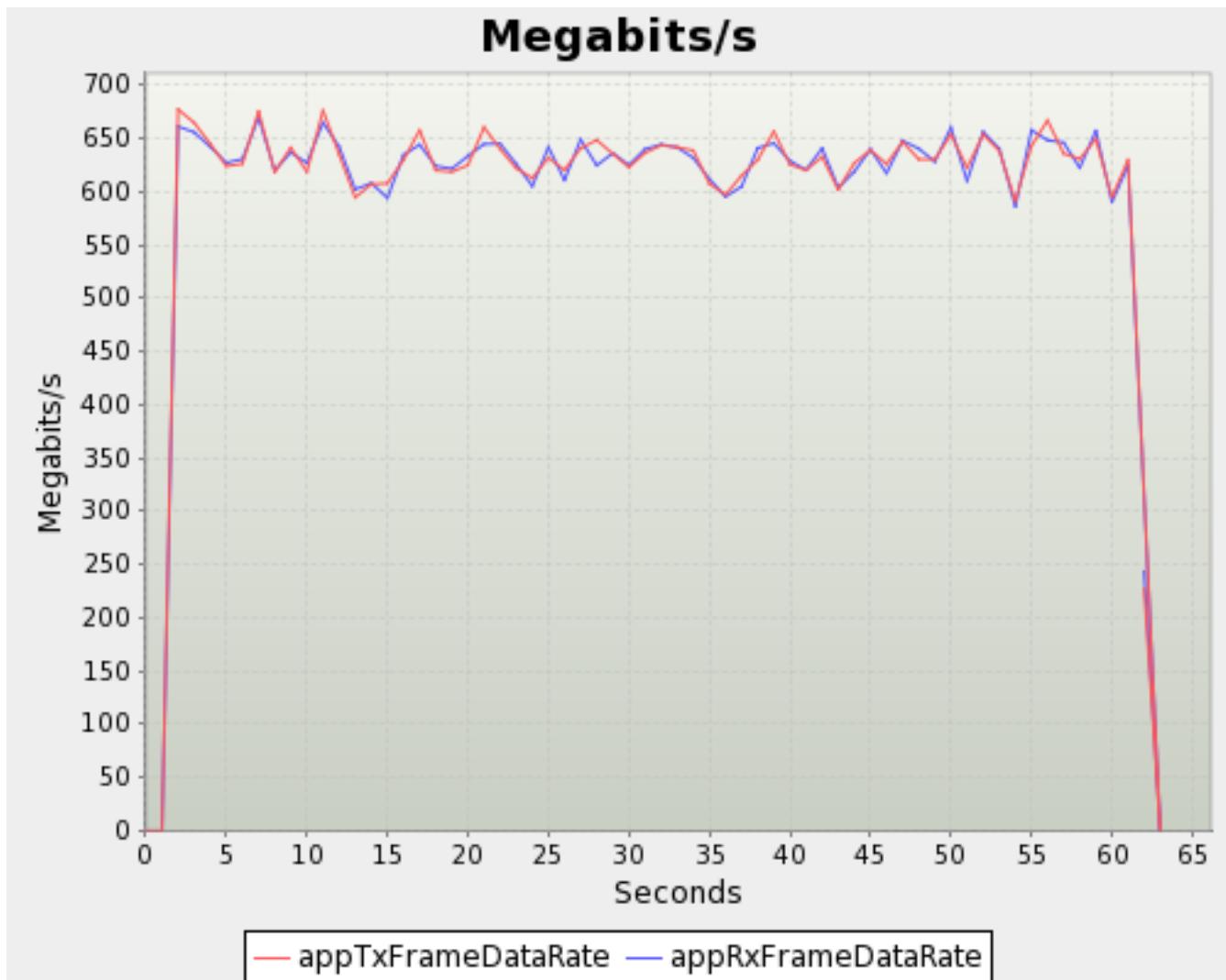
6.3.3.4. Frames/s



time	appRxFrameRate	appTxFrameRate
0.000	0	1.070663811563169
1.000	0	1.070663811563169
2.000	104,105.94059405937	106,623.76237623762
3.000	103,233.4669338677	104,618.23647294592
4.000	101,463.85542168678	101,795.18072289163
5.000	99,255.25525525522	99,115.11511511508
6.000	99,781.21878121872	99,653.3466533466
7.000	106,877	106,694
8.000	97,743	98,027
9.000	100,975.07477567314	101,125.62313060838
10.000	99,679.71887550193	98,629.51807228911
11.000	104,254.491017964	106,304.3912175648
12.000	101,929	101,164
13.000	95,718.28171828183	94,686.3136863137
14.000	96,042.12637913741	96,182.5476429288
15.000	93,426	95,184
16.000	100,481.59203980089	100,102.48756218898
17.000	102,541.792547835	103,165.15609264871
18.000	98,109.89010989002	98,614.38561438554
19.000	98,836.16383616369	98,244.75524475516
20.000	99,734.46893787596	99,552.10420841708
21.000	102,166	103,538
22.000	101,839.64143426281	101,680.27888446201
23.000	98,853.56068204614	98,961.88565697095
24.000	95,880.11988011973	96,492.5074925074

time	appRxFrameRate	appTxFrameRate
25.000	101,359.28143712586	100,753.49301397213
26.000	97,609.43775100414	97,484.93975903628
27.000	102,413.70869033046	102,135.25091799264
28.000	99,926.82926829277	100,970.1897018971
29.000	100,419.8396793586	100,722.44488977936
30.000	99,288	98,901
31.000	101,448.20717131493	101,109.56175298833
32.000	101,506.01202404799	102,001.0020040079
33.000	102,081.34920634929	101,506.94444444454
34.000	100,100.1011122342	100,811.93124368004
35.000	96,718.84346959124	96,628.11565304086
36.000	93,982.0179820182	94,490.5094905097
37.000	95,321.74776564071	96,573.98212512433
38.000	101,486.43216080428	100,616.08040201032
39.000	102,815.26104417644	103,274.09638554194
40.000	98,951.48514851507	99,391.08910891112
41.000	99,088.88888888872	98,142.42424242404
42.000	100,741	100,852
43.000	95,610.61061061038	95,595.59559559538
44.000	97,730.26973026994	98,577.42257742274
45.000	100,996.99398797542	101,196.39278557064
46.000	98,022.04408817655	98,520.04008016053
47.000	102,369.20039486692	102,575.51826258657
48.000	101,432.59557344063	100,641.8511066399
49.000	99,698.4924623111	99,664.32160803975
50.000	104,167.16417910495	103,929.35323383132
51.000	96,970.05988023928	97,602.79441117738
52.000	103,834.67741935517	103,899.19354838738
53.000	100,595.23809523783	101,216.26984126952
54.000	92,982.03592814418	93,330.33932135772
55.000	103,226.64015904572	103,006.95825049699
56.000	103,155.48780487783	104,291.66666666647
57.000	102,525.94810379217	101,493.01397205562
58.000	98,325.37313432882	99,244.77611940344
59.000	104,809.47580645117	103,471.77419354796
60.000	93,109.89010989036	93,981.01898101915
61.000	98,570.57654075544	99,465.20874751489
63.000	0	0
62.000	40,462.73291925476	37,155.279503105674

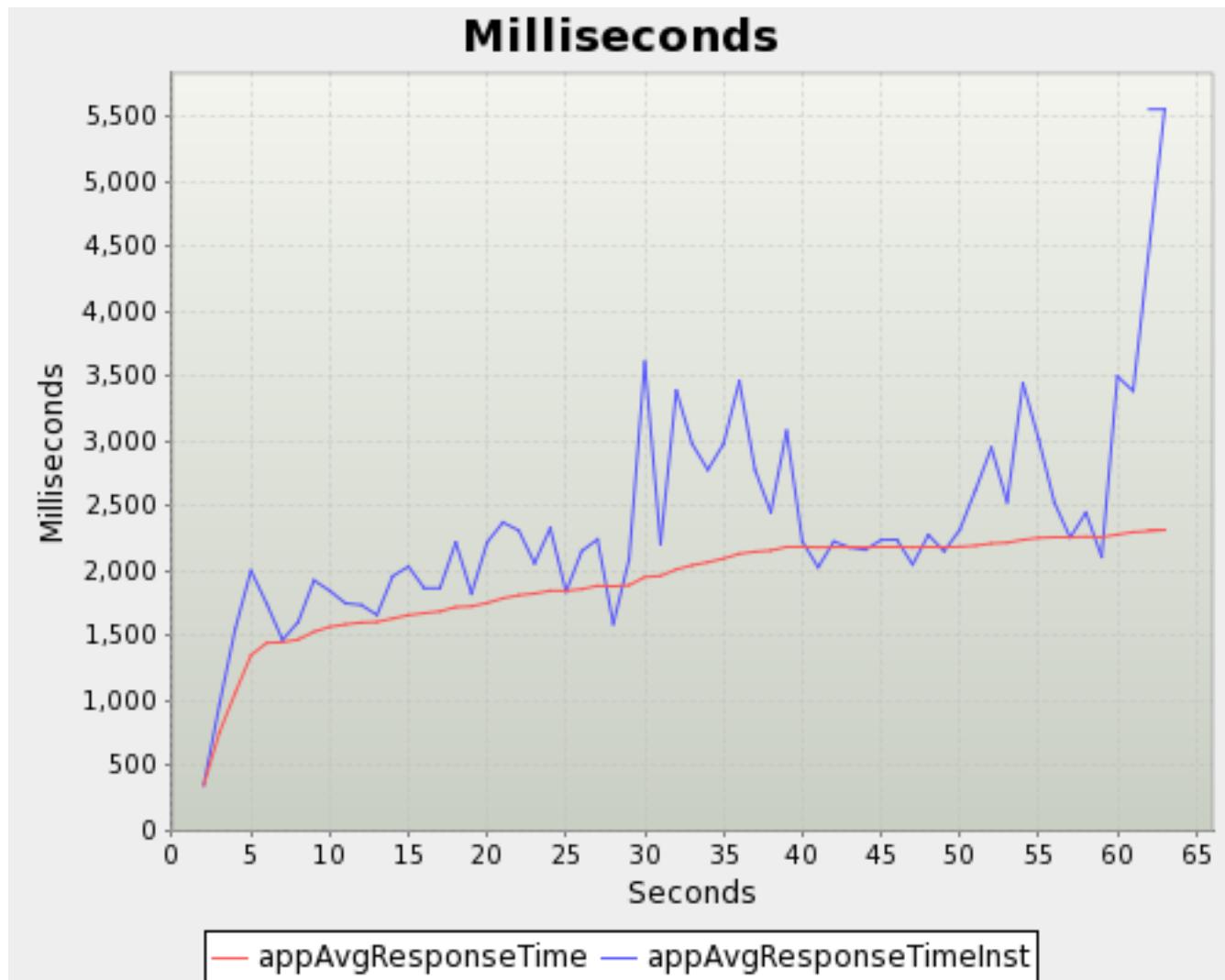
6.3.3.5. Megabits/s



time	appRxFrameDataRate	appTxFrameDataRate
0.000	0	0.0007709
1.000	0	0.0007709
2.000	661.7	677.7
3.000	656.1	665.1
4.000	642.5	645.2
5.000	627.5	624.2
6.000	631	626.6
7.000	670.3	675.9
8.000	620.2	618.7
9.000	637.3	641.7
10.000	627.3	619.1
11.000	665.1	676.6
12.000	642.6	635.5
13.000	602.5	594.9
14.000	608.3	607.2
15.000	594.5	608.2
16.000	634.9	630.1
17.000	644.4	658
18.000	624.5	620.4
19.000	621.9	619
20.000	633.8	625.2
21.000	645.1	660.8
22.000	645.4	640.5
23.000	626.3	622.3
24.000	605.5	613.2

time	appRxFrameDataRate	appTxFrameDataRate
25.000	642.2	632.2
26.000	611.1	620.7
27.000	649.4	641.1
28.000	625	648.8
29.000	636.5	635.9
30.000	625.3	623.3
31.000	640.3	636.7
32.000	644.7	643.8
33.000	641.9	642
34.000	632.1	639.1
35.000	612.2	607.7
36.000	595.7	597.5
37.000	605.2	615.4
38.000	641.4	630.3
39.000	645.9	657
40.000	629.3	625.8
41.000	620.7	620.6
42.000	641	633.1
43.000	604	602.3
44.000	619.2	627.2
45.000	640.2	639.5
46.000	617.6	626.4
47.000	648.1	647.1
48.000	640.8	630.8
49.000	628.5	630.8
50.000	660.6	654
51.000	610.3	622.8
52.000	656.6	653.9
53.000	640.7	638.8
54.000	586.5	591.5
55.000	658.2	643.4
56.000	648.7	667.3
57.000	646.4	636.1
58.000	622.7	631.1
59.000	657.5	649.8
60.000	590.7	595
61.000	624.9	630.2
63.000	0	0
62.000	243.7	227.3

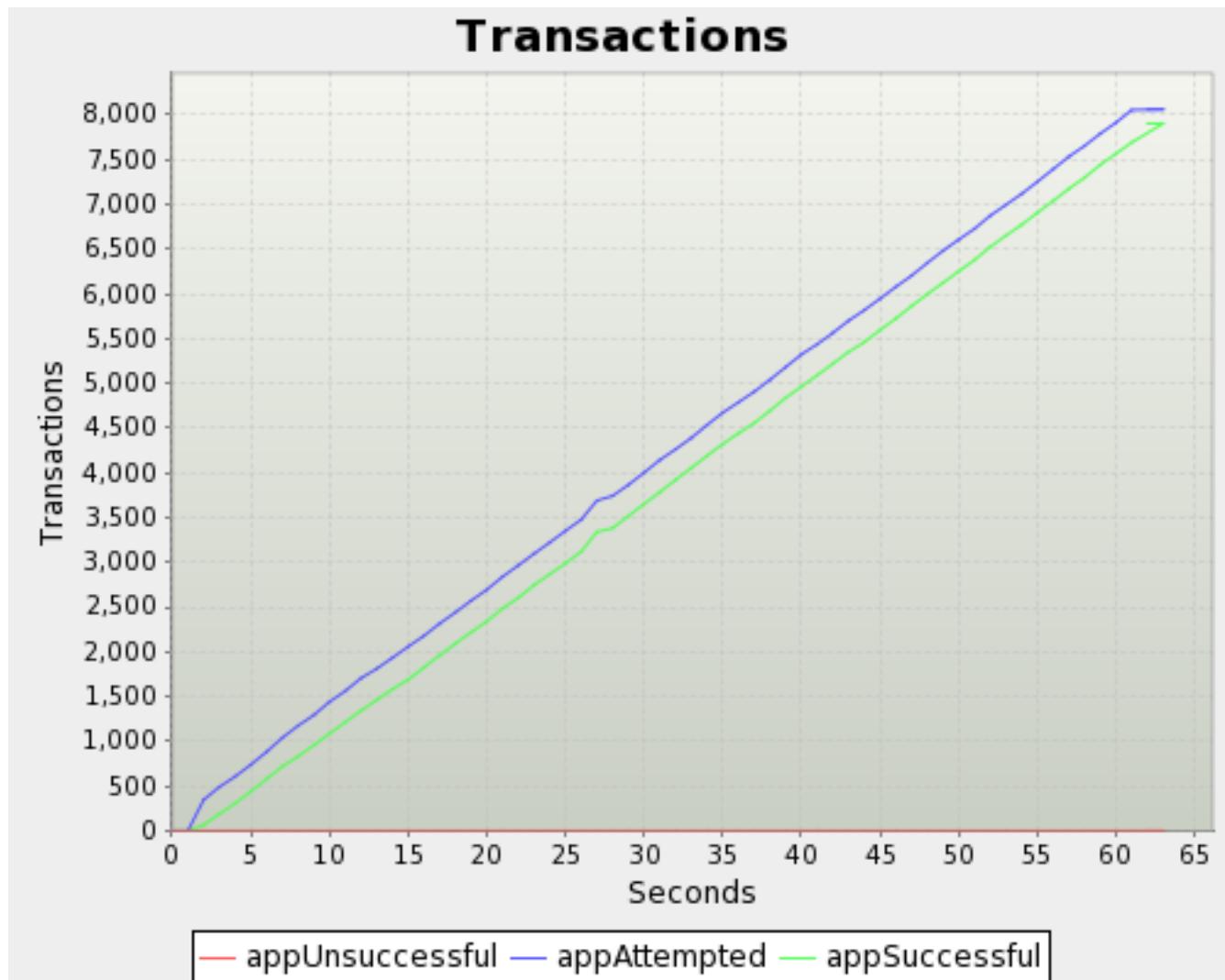
6.3.3.6. Milliseconds



time	appAvgResponseTime	appAvgResponseTimeInst
0.000		
1.000		
2.000	350.61538461538464	350.61538461538464
3.000	757.8882978723404	973.1138211382114
4.000	1,062.4802631578948	1,556.1293103448277
5.000	1,352.4077448747153	2,005.2814814814815
6.000	1,448.5613126079447	1,750.0714285714287
7.000	1,452.9652294853963	1,471.1785714285713
8.000	1,474.1335740072202	1,610.0267857142858
9.000	1,533.7866108786611	1,930.36
10.000	1,571.4645161290323	1,850.6899224806202
11.000	1,590.8146622734762	1,753.5658914728683
12.000	1,605.1140089418777	1,740.734375
13.000	1,609.9206566347468	1,663.675
14.000	1,636.4667931688805	1,962.6050420168067
15.000	1,662.0947306098283	2,037.2592592592594
16.000	1,677.4928728070176	1,870.1407407407407
17.000	1,690.858163265306	1,870.110294117647
18.000	1,724.246293639407	2,223.793893129771
19.000	1,730.1717763751128	1,827.732283464567
20.000	1,756.210593763349	2,225.756097560976
21.000	1,791.961352657005	2,377.2237762237764
22.000	1,816.0326420890938	2,314.3083333333334
23.000	1,828.6772313296904	2,062.198581560284
24.000	1,850.3110181311017	2,333.1138211382113

time	appAvgResponseTime	appAvgResponseTimelinst
25.000	1,849.9926372155287	1,842.3833333333334
26.000	1,862.9541666666667	2,156.3560606060605
27.000	1,888.2107784431137	2,246.3954545454544
28.000	1,884.5597279716144	1,594.2142857142858
29.000	1,892.5653780557134	2,091.6470588235293
30.000	1,955.7330230010953	3,614.1194029850744
31.000	1,964.7321003963011	2,211.8345864661655
32.000	2,014.6450790413055	3,393.6277372262775
33.000	2,046.4350184956843	2,983.8796992481202
34.000	2,070.312574564543	2,782.25
35.000	2,098.178811010872	2,982.931818181818
36.000	2,135.124015304974	3,466.075
37.000	2,151.28022822032	2,780.9473684210525
38.000	2,160.190202342918	2,454.413043478261
39.000	2,187.6482744368673	3,082.8958333333335
40.000	2,188.7208459214503	2,229.9126984126983
41.000	2,184.8573673870333	2,031.4
42.000	2,185.9915724956904	2,230.06106870229
43.000	2,185.9430119581466	2,184.007633587786
44.000	2,185.5435737824973	2,166.109090909091
45.000	2,186.888134381701	2,241.694029850746
46.000	2,188.1535639412996	2,243.4765625
47.000	2,184.905184174625	2,052.092857142857
48.000	2,187.0205102551276	2,280.285714285714
49.000	2,186.351241018942	2,154.748031496063
50.000	2,189.1482488405563	2,321.9302325581393
51.000	2,197.848879134661	2,629.6349206349205
52.000	2,214.746360153257	2,953.027397260274
53.000	2,220.86214672279	2,535.0787401574803
54.000	2,242.8470397165215	3,451.471074380165
55.000	2,257.887505429275	3,018.10447761194
56.000	2,262.9994317374626	2,530.4848484848485
57.000	2,262.9332404181187	2,259.5073529411766
58.000	2,266.1890410958904	2,453.072
59.000	2,263.224371893054	2,111.8811188811187
60.000	2,283.696617336152	3,502.696
61.000	2,301.668399844014	3,389.752
63.000	2,319.1020872865274	5,561.188405797101
62.000	2,319.1020872865274	5,561.188405797101

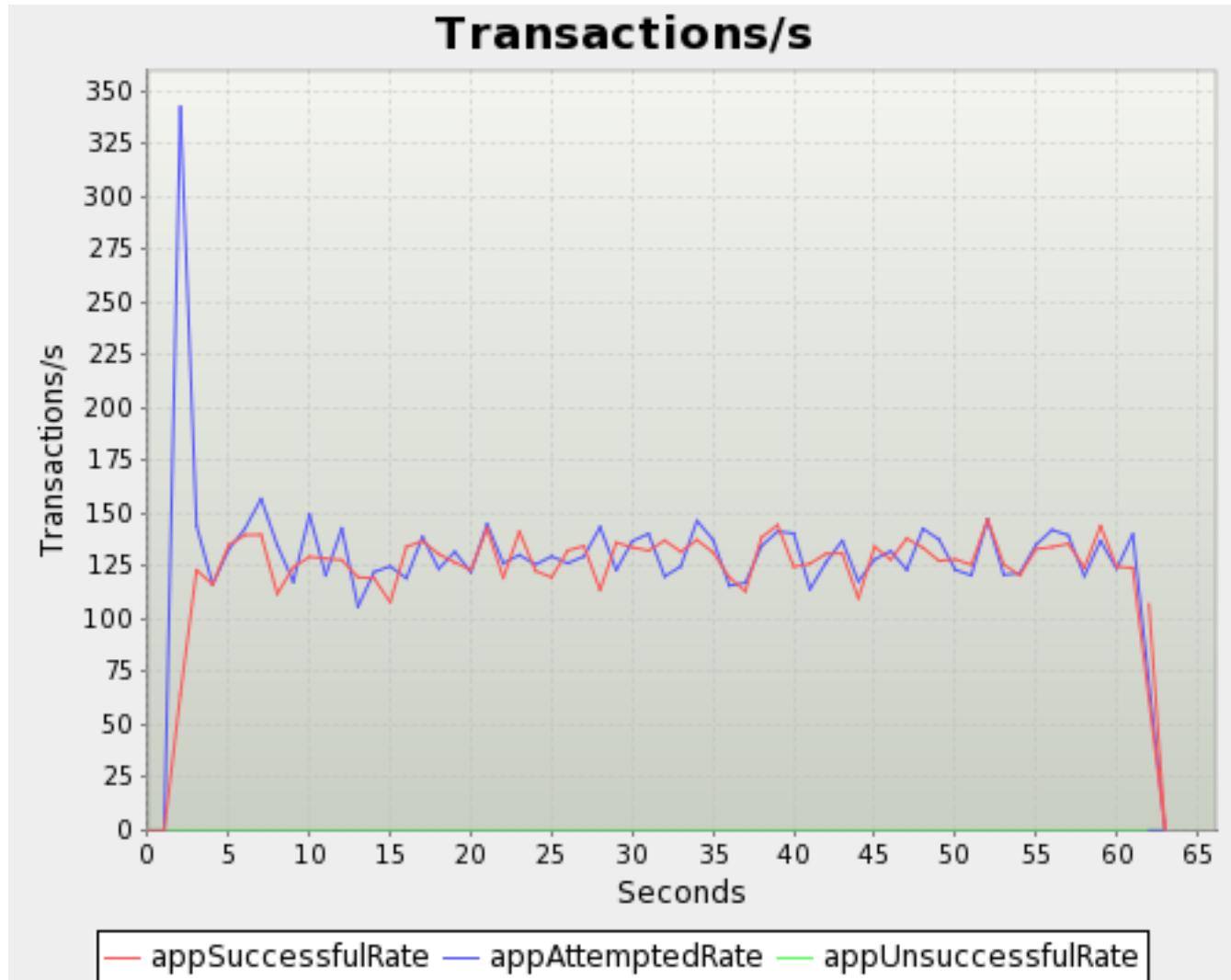
6.3.3.7. Transactions



time	appAttempted	appSuccessful	appUnsuccessful
0.000	0	0	0
1.000	0	0	0
2.000	346	65	0
3.000	490	188	0
4.000	606	304	0
5.000	739	439	0
6.000	882	579	0
7.000	1,039	719	0
8.000	1,174	831	0
9.000	1,292	956	0
10.000	1,441	1,085	0
11.000	1,562	1,214	0
12.000	1,705	1,342	0
13.000	1,811	1,462	0
14.000	1,933	1,581	0
15.000	2,058	1,689	0
16.000	2,178	1,824	0
17.000	2,316	1,960	0
18.000	2,440	2,091	0
19.000	2,572	2,218	0
20.000	2,694	2,341	0
21.000	2,839	2,484	0
22.000	2,966	2,604	0
23.000	3,096	2,745	0
24.000	3,222	2,868	0

time	appAttempted	appSuccessful	appUnsuccessful
25.000	3,352	2,988	0
26.000	3,478	3,120	0
27.000	3,690	3,340	0
28.000	3,743	3,382	0
29.000	3,866	3,518	0
30.000	4,003	3,652	0
31.000	4,144	3,785	0
32.000	4,264	3,922	0
33.000	4,390	4,055	0
34.000	4,535	4,191	0
35.000	4,673	4,323	0
36.000	4,789	4,443	0
37.000	4,907	4,557	0
38.000	5,041	4,695	0
39.000	5,182	4,839	0
40.000	5,324	4,965	0
41.000	5,437	5,090	0
42.000	5,564	5,221	0
43.000	5,701	5,352	0
44.000	5,819	5,462	0
45.000	5,947	5,596	0
46.000	6,079	5,724	0
47.000	6,204	5,864	0
48.000	6,346	5,997	0
49.000	6,483	6,124	0
50.000	6,607	6,253	0
51.000	6,728	6,379	0
52.000	6,874	6,525	0
53.000	6,996	6,652	0
54.000	7,118	6,773	0
55.000	7,254	6,907	0
56.000	7,394	7,039	0
57.000	7,534	7,175	0
58.000	7,655	7,300	0
59.000	7,791	7,443	0
60.000	7,915	7,568	0
61.000	8,056	7,693	0
63.000	8,063	7,905	0
62.000	8,063	7,905	0

6.3.3.8. Transactions/s

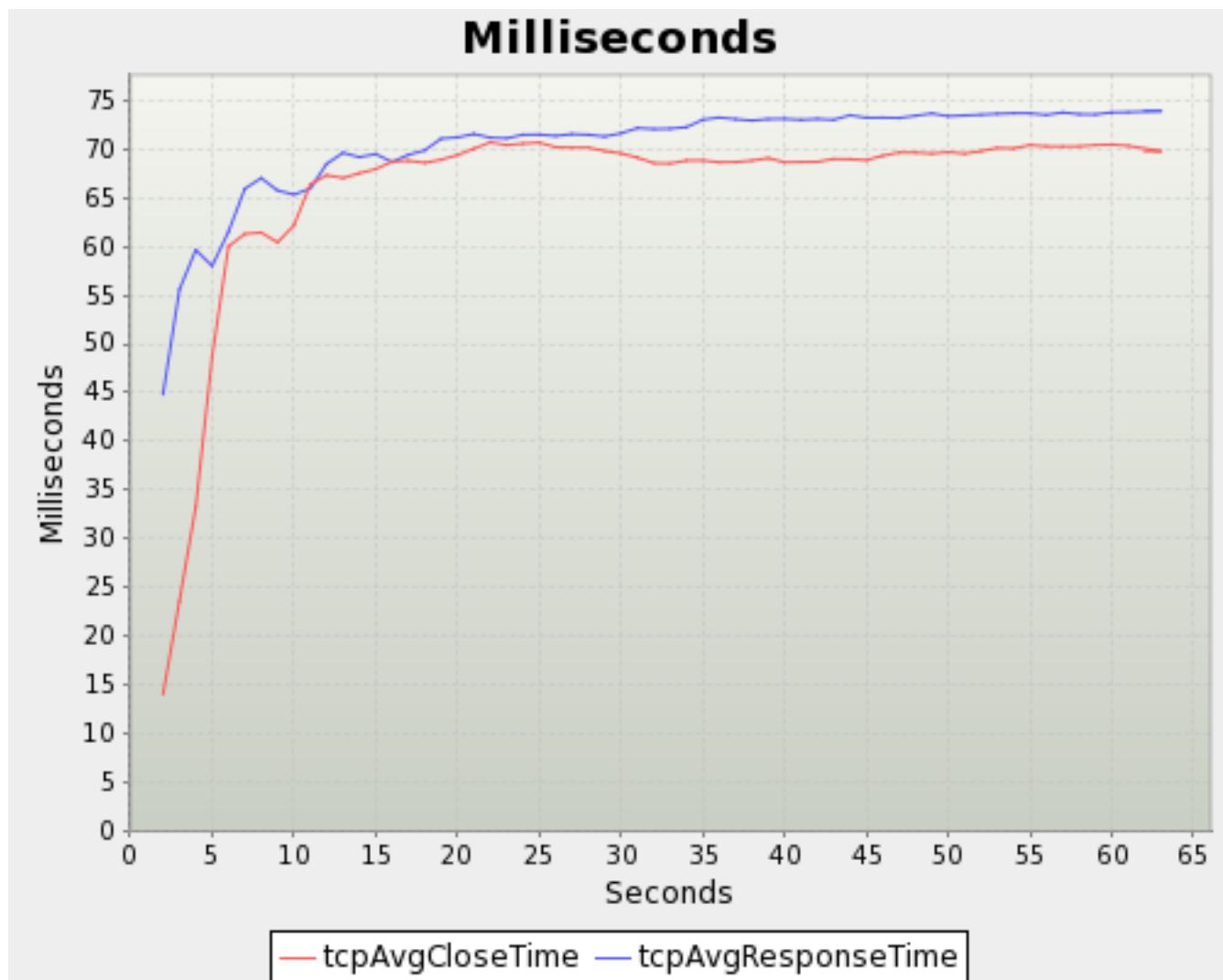


time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
0.000	0	0	0
1.000	0	0	0
2.000	342.6	64.36	0
3.000	144.3	123.2	0
4.000	116.5	116.5	0
5.000	133.1	135.1	0
6.000	142.9	139.9	0
7.000	157	140	0
8.000	135	112	0
9.000	117.6	124.6	0
10.000	149.6	129.5	0
11.000	120.8	128.7	0
12.000	143	128	0
13.000	105.9	119.9	0
14.000	122.4	119.4	0
15.000	125	108	0
16.000	119.4	134.3	0
17.000	139	137	0
18.000	123.9	130.9	0
19.000	131.9	126.9	0
20.000	122.2	123.2	0
21.000	145	143	0
22.000	126.5	119.5	0
23.000	130.4	141.4	0
24.000	125.9	122.9	0

time	appAttemptedRate	appSuccessfulRate	appUnsuccessfulRate
25.000	129.7	119.8	0
26.000	126.5	132.5	0
27.000	129.7	134.6	0
28.000	143.6	113.8	0
29.000	123.2	136.3	0
30.000	137	134	0
31.000	140.4	132.5	0
32.000	120.2	137.3	0
33.000	125	131.9	0
34.000	146.6	137.5	0
35.000	137.6	131.6	0
36.000	115.9	119.9	0
37.000	117.2	113.2	0
38.000	134.7	138.7	0
39.000	141.6	144.6	0
40.000	140.6	124.8	0
41.000	114.1	126.3	0
42.000	127	131	0
43.000	137.1	131.1	0
44.000	117.9	109.9	0
45.000	128.3	134.3	0
46.000	132.3	128.3	0
47.000	123.4	138.2	0
48.000	142.9	133.8	0
49.000	137.7	127.6	0
50.000	123.4	128.4	0
51.000	120.8	125.7	0
52.000	147.2	147.2	0
53.000	121	126	0
54.000	121.8	120.8	0
55.000	135.2	133.2	0
56.000	142.3	134.1	0
57.000	139.7	135.7	0
58.000	120.4	124.4	0
59.000	137.1	144.2	0
60.000	123.9	124.9	0
61.000	140.2	124.3	0
63.000	0	0	0
62.000	0	107.1	0

6.4. IP (layer 4-7)

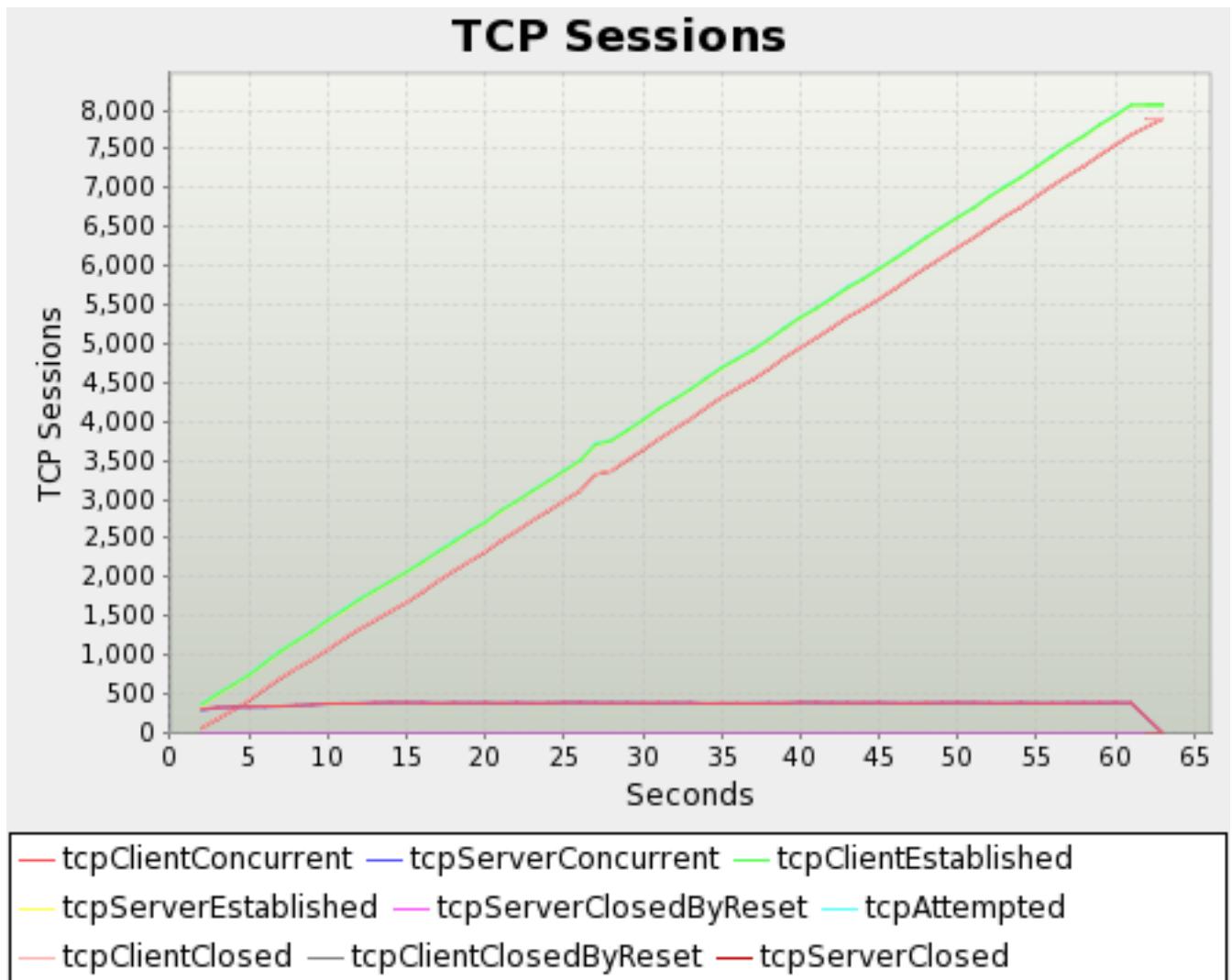
6.4.1. Milliseconds



time	tcpAvgCloseTime	tcpAvgResponseTime
2.000	14.048	44.836
3.000	23.594	55.566
4.000	33.292	59.639
5.000	48.691	58.001
6.000	60.007	61.515
7.000	61.287	65.924
8.000	61.422	67.015
9.000	60.419	65.744
10.000	62.16	65.327
11.000	66.369	65.94
12.000	67.317	68.477
13.000	67.024	69.61
14.000	67.515	69.18
15.000	67.936	69.483
16.000	68.706	68.674
17.000	68.803	69.407
18.000	68.588	69.868
19.000	68.905	71.065
20.000	69.389	71.193
21.000	70.032	71.548
22.000	70.687	71.169
23.000	70.407	71.099
24.000	70.552	71.471
25.000	70.656	71.488
26.000	70.193	71.344

time	tcpAvgCloseTime	tcpAvgResponseTime
27.000	70.139	71.533
28.000	70.149	71.464
29.000	69.8	71.284
30.000	69.551	71.622
31.000	69.116	72.146
32.000	68.556	72.05
33.000	68.521	72.085
34.000	68.819	72.244
35.000	68.834	73.011
36.000	68.641	73.227
37.000	68.665	73.068
38.000	68.816	72.929
39.000	69.067	73.078
40.000	68.637	73.098
41.000	68.664	73.004
42.000	68.685	73.094
43.000	68.979	73.005
44.000	68.965	73.47
45.000	68.857	73.205
46.000	69.315	73.222
47.000	69.642	73.18
48.000	69.636	73.42
49.000	69.53	73.647
50.000	69.678	73.371
51.000	69.529	73.453
52.000	69.783	73.524
53.000	70.111	73.613
54.000	70.06	73.672
55.000	70.409	73.663
56.000	70.278	73.501
57.000	70.264	73.751
58.000	70.273	73.573
59.000	70.406	73.545
60.000	70.459	73.762
61.000	70.33	73.782
63.000	69.781	73.905
62.000	69.781	73.905

6.4.2. TCP Sessions



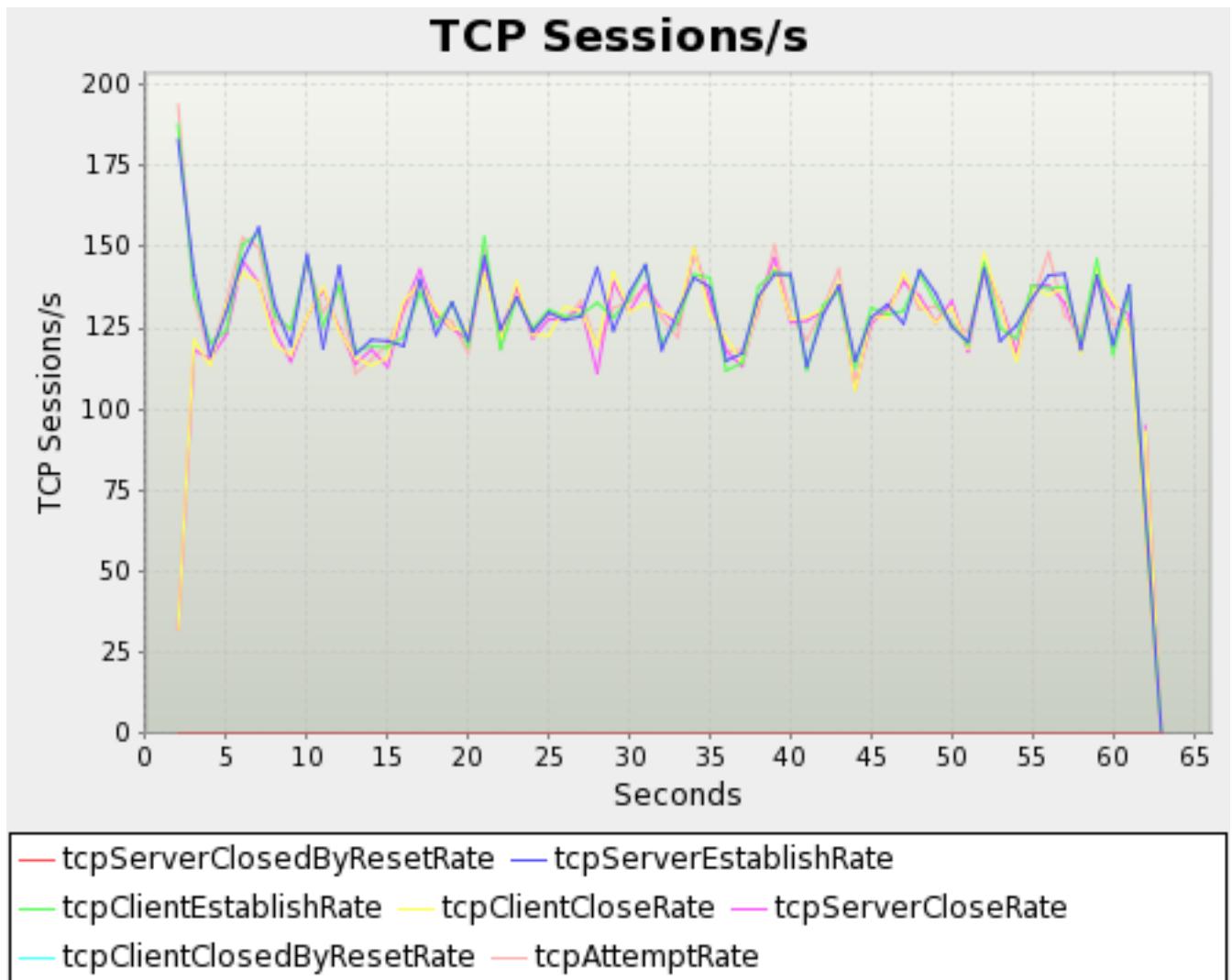
time	tcpAttempted	tcpClientClosed	tcpClientClosedByReset	tcpClientConcurrent	tcpClientEstablished	tcpServerClosed	tcpServerClosedByReset	tcpServerConcurrent	tcpServerEstablished
2.000	377	62	0	307	365	62	0	295	356
3.000	511	183	0	329	500	180	0	326	497
4.000	626	296	0	333	620	295	0	333	613
5.000	759	428	0	336	744	418	0	336	743
6.000	912	570	0	343	895	564	0	338	889
7.000	1,062	709	0	346	1,049	703	0	344	1,045
8.000	1,189	829	0	354	1,178	827	0	351	1,177
9.000	1,314	946	0	364	1,303	942	0	363	1,297
10.000	1,459	1,074	0	377	1,449	1,070	0	375	1,444
11.000	1,589	1,212	0	379	1,575	1,207	0	379	1,563
12.000	1,727	1,336	0	379	1,713	1,332	0	379	1,707
13.000	1,838	1,452	0	390	1,831	1,446	0	385	1,824
14.000	1,953	1,565	0	392	1,950	1,564	0	390	1,945
15.000	2,073	1,681	0	389	2,069	1,677	0	390	2,066
16.000	2,204	1,815	0	388	2,192	1,809	0	390	2,186
17.000	2,342	1,953	0	380	2,327	1,951	0	382	2,325
18.000	2,472	2,084	0	389	2,453	2,080	0	387	2,448
19.000	2,599	2,209	0	384	2,586	2,205	0	385	2,581
20.000	2,716	2,333	0	388	2,705	2,326	0	387	2,702
21.000	2,865	2,475	0	383	2,858	2,471	0	381	2,849
22.000	2,984	2,597	0	388	2,977	2,595	0	388	2,974
23.000	3,121	2,736	0	384	3,111	2,732	0	382	3,108

Test Results for HTTP_B2B

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time	tcpAttempted	tcpClientClosed	tcpClientClosedByReset	tcpClientConncurrent	tcpClientEstablished	tcpServerClosed	tcpServerClosedByReset	tcpServerConncurrent	tcpServerEstablished
24.000	3,245	2,859	0	384	3,236	2,854	0	384	3,232
25.000	3,375	2,982	0	389	3,367	2,982	0	390	3,362
26.000	3,502	3,113	0	392	3,495	3,109	0	391	3,489
27.000	3,720	3,326	0	386	3,706	3,324	0	388	3,699
28.000	3,764	3,370	0	385	3,755	3,365	0	387	3,752
29.000	3,895	3,512	0	386	3,883	3,504	0	388	3,876
30.000	4,028	3,642	0	385	4,017	3,634	0	384	4,012
31.000	4,166	3,775	0	387	4,162	3,773	0	384	4,157
32.000	4,294	3,905	0	388	4,282	3,903	0	385	4,275
33.000	4,417	4,034	0	385	4,410	4,030	0	388	4,406
34.000	4,565	4,182	0	379	4,550	4,177	0	378	4,545
35.000	4,698	4,311	0	383	4,691	4,311	0	380	4,683
36.000	4,816	4,433	0	382	4,803	4,429	0	380	4,798
37.000	4,935	4,548	0	380	4,918	4,543	0	381	4,916
38.000	5,064	4,680	0	382	5,055	4,675	0	385	5,050
39.000	5,214	4,823	0	384	5,197	4,821	0	380	5,191
40.000	5,344	4,952	0	390	5,339	4,949	0	392	5,334
41.000	5,464	5,079	0	394	5,450	5,075	0	389	5,446
42.000	5,595	5,210	0	387	5,582	5,205	0	387	5,575
43.000	5,738	5,349	0	385	5,718	5,343	0	388	5,713
44.000	5,844	5,455	0	388	5,831	5,450	0	384	5,828
45.000	5,972	5,583	0	389	5,962	5,576	0	389	5,956
46.000	6,101	5,711	0	383	6,091	5,707	0	383	6,088
47.000	6,243	5,855	0	381	6,223	5,848	0	384	6,216
48.000	6,373	5,987	0	387	6,364	5,982	0	383	6,358
49.000	6,504	6,113	0	388	6,496	6,108	0	386	6,493
50.000	6,631	6,245	0	390	6,623	6,242	0	388	6,619
51.000	6,755	6,364	0	388	6,743	6,360	0	388	6,740
52.000	6,895	6,511	0	386	6,887	6,503	0	384	6,882
53.000	7,028	6,644	0	382	7,013	6,637	0	382	7,004
54.000	7,144	6,759	0	389	7,135	6,755	0	388	7,130
55.000	7,278	6,897	0	382	7,274	6,894	0	384	7,265
56.000	7,424	7,030	0	384	7,409	7,030	0	384	7,404
57.000	7,553	7,168	0	384	7,547	7,163	0	386	7,546
58.000	7,678	7,286	0	388	7,668	7,283	0	386	7,665
59.000	7,817	7,428	0	388	7,813	7,422	0	385	7,805
60.000	7,943	7,562	0	390	7,930	7,554	0	388	7,925
61.000	8,072	7,687	0	388	8,067	7,684	0	385	8,064
63.000	8,072	7,893	0	0	8,072	7,891	0	0	8,072
62.000	8,072	7,893	0	0	8,072	7,891	0	0	8,072

6.4.3. TCP Sessions/s



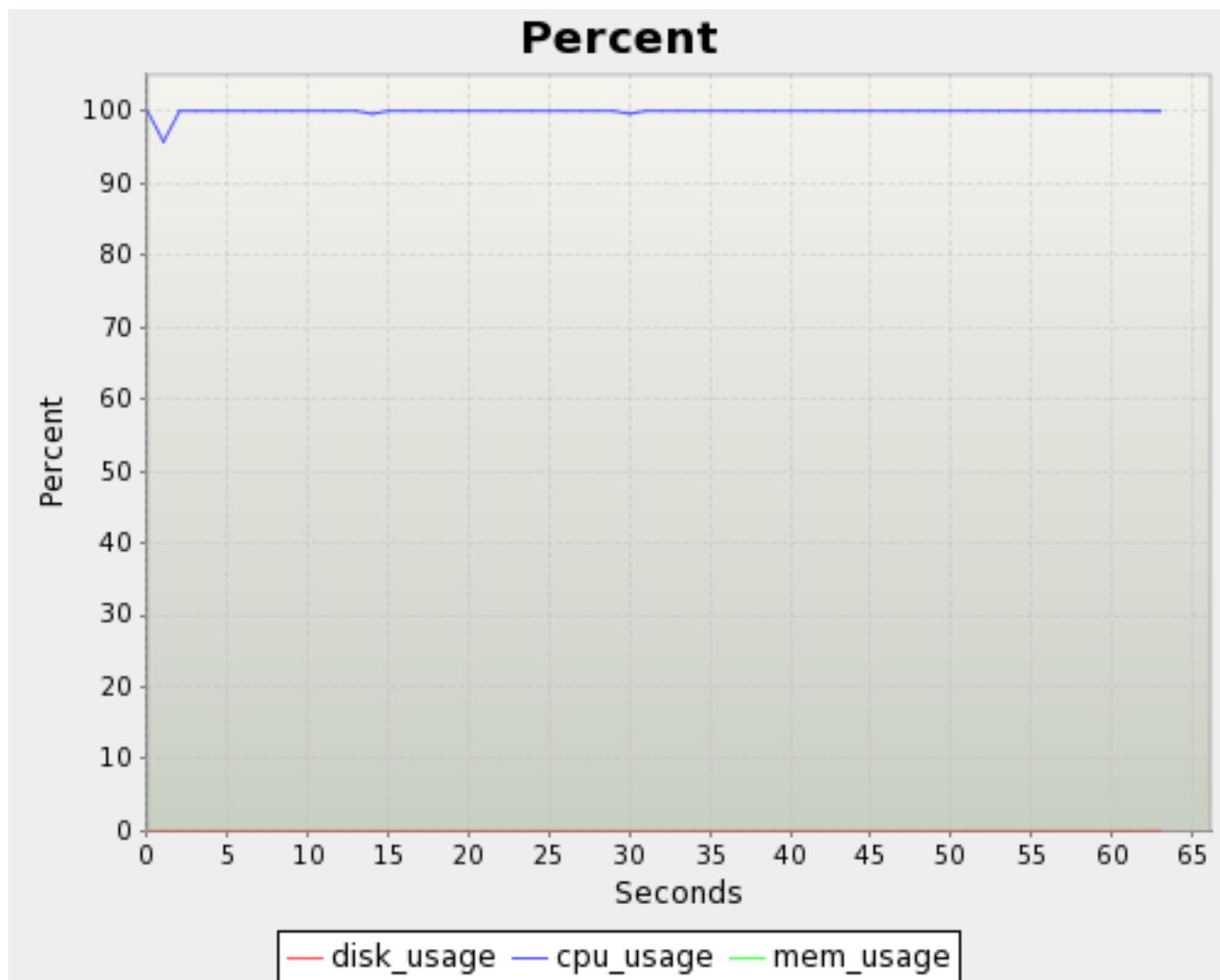
time	tcpAttemptRate	tcpClientCloseRate	tcpClientClosedByResetRate	tcpClientEstablishRate	tcpServerCloseRate	tcpServerClosedByResetRate	tcpServerEstablishRate
2.000	193.9	31.89	0	187.8	31.89	0	183.1
3.000	134.3	121.2	0	135.3	118.2	0	141.3
4.000	115.5	113.5	0	120.5	115.5	0	116.5
5.000	133.1	132.1	0	124.1	123.1	0	130.1
6.000	152.8	141.9	0	150.8	145.9	0	145.9
7.000	150	139	0	154	139	0	156
8.000	127	120	0	129	124	0	132
9.000	124.6	116.7	0	124.6	114.7	0	119.6
10.000	145.6	128.5	0	146.6	128.5	0	147.6
11.000	129.7	137.7	0	125.7	136.7	0	118.8
12.000	138	124	0	138	125	0	144
13.000	110.9	115.9	0	117.9	113.9	0	116.9
14.000	115.3	113.3	0	119.4	118.4	0	121.4
15.000	120	116	0	119	113	0	121
16.000	130.3	133.3	0	122.4	131.3	0	119.4
17.000	139	139	0	136	143	0	140
18.000	129.9	130.9	0	125.9	128.9	0	122.9
19.000	126.9	124.9	0	132.9	124.9	0	132.9
20.000	117.2	124.2	0	119.2	121.2	0	121.2
21.000	149	142	0	153	145	0	147
22.000	118.5	121.5	0	118.5	123.5	0	124.5
23.000	137.4	139.4	0	134.4	137.4	0	134.4
24.000	123.9	122.9	0	124.9	121.9	0	123.9

time	tcpAttemptRate	tcpClientClose Rate	tcpClientClosed ByResetRate	tcpClientEstablishedRate	tcpServerClose Rate	tcpServerClose dByResetRate	tcpServerEstablishedRate
25.000	129.7	122.8	0	130.7	127.7	0	129.7
26.000	127.5	131.5	0	128.5	127.5	0	127.5
27.000	133.4	130.4	0	129.1	131.6	0	128.5
28.000	119.2	119.2	0	132.8	111.1	0	143.6
29.000	131.3	142.3	0	128.3	139.3	0	124.2
30.000	133	130	0	134	130	0	136
31.000	137.5	132.5	0	144.4	138.4	0	144.4
32.000	128.3	130.3	0	120.2	130.3	0	118.2
33.000	122	128	0	127	126	0	130
34.000	149.6	149.6	0	141.6	148.6	0	140.5
35.000	132.6	128.6	0	140.6	133.6	0	137.6
36.000	117.9	121.9	0	111.9	117.9	0	114.9
37.000	118.2	114.2	0	114.2	113.2	0	117.2
38.000	129.6	132.7	0	137.7	132.7	0	134.7
39.000	150.6	143.6	0	142.6	146.6	0	141.6
40.000	128.7	127.7	0	140.6	126.7	0	141.6
41.000	121.2	128.3	0	112.1	127.3	0	113.1
42.000	131	131	0	132	130	0	129
43.000	143.1	139.1	0	136.1	138.1	0	138.1
44.000	105.9	105.9	0	112.9	106.9	0	114.9
45.000	128.3	128.3	0	131.3	126.3	0	128.3
46.000	129.3	128.3	0	129.3	131.3	0	132.3
47.000	140.2	142.2	0	130.3	139.2	0	126.4
48.000	130.8	132.8	0	141.9	134.8	0	142.9
49.000	131.7	126.6	0	132.7	126.6	0	135.7
50.000	126.4	131.3	0	126.4	133.3	0	125.4
51.000	123.8	118.8	0	119.8	117.8	0	120.8
52.000	141.1	148.2	0	145.2	144.2	0	143.1
53.000	131.9	131.9	0	125	132.9	0	121
54.000	115.8	114.8	0	121.8	117.8	0	125.7
55.000	133.2	137.2	0	138.2	138.2	0	134.2
56.000	148.4	135.2	0	137.2	138.2	0	141.3
57.000	128.7	137.7	0	137.7	132.7	0	141.7
58.000	124.4	117.4	0	120.4	119.4	0	118.4
59.000	140.1	143.1	0	146.2	140.1	0	141.1
60.000	125.9	133.9	0	116.9	131.9	0	119.9
61.000	128.2	124.3	0	136.2	129.2	0	138.2
63.000	0	0	0	0	0	0	0
62.000	0	93.17	0	0	94.72	0	0

6.5. Resources

6.5.1. [cpu=np1-0]

6.5.1.1. Percent

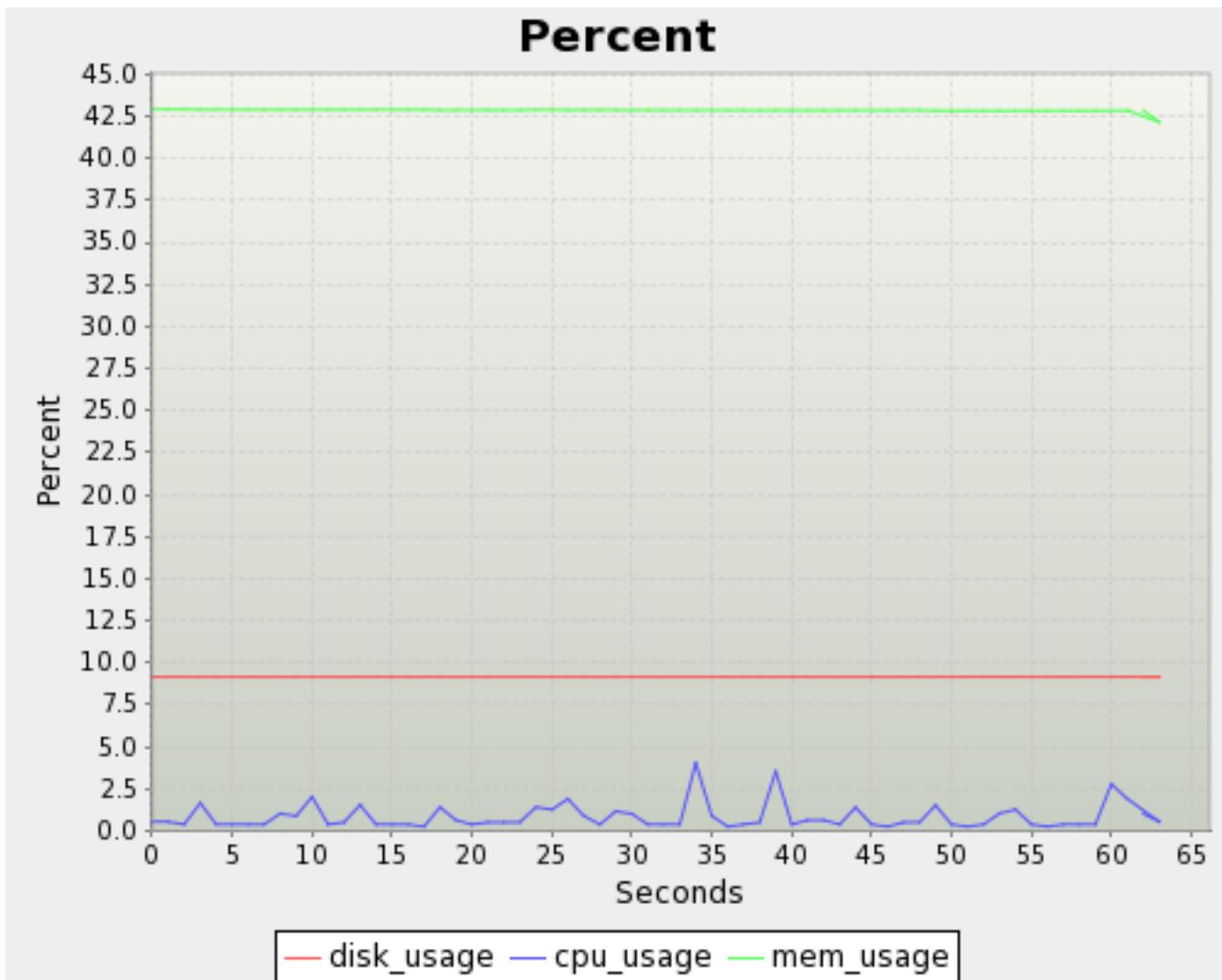


time	cpu_usage	disk_usage	mem_usage
0.000	100	0	0
1.000	95.73333	0	0
2.000	100	0	0
3.000	100	0	0
4.000	100	0	0
5.000	100	0	0
6.000	100	0	0
7.000	100	0	0
8.000	100	0	0
9.000	100	0	0
10.000	100	0	0
11.000	100	0	0
12.000	100	0	0
13.000	100	0	0
14.000	99.5984	0	0
15.000	100	0	0
16.000	100	0	0
17.000	100	0	0
18.000	100	0	0
19.000	100	0	0
20.000	100	0	0
21.000	100	0	0
22.000	100	0	0
23.000	100	0	0
24.000	100	0	0

time	cpu_usage	disk_usage	mem_usage
25.000	100	0	0
26.000	100	0	0
27.000	100	0	0
28.000	100	0	0
29.000	100	0	0
30.000	99.60473999999998	0	0
31.000	100	0	0
32.000	100	0	0
33.000	100	0	0
34.000	100	0	0
35.000	100	0	0
36.000	100	0	0
37.000	100	0	0
38.000	100	0	0
39.000	100	0	0
40.000	100	0	0
41.000	100	0	0
42.000	100	0	0
43.000	100	0	0
44.000	100	0	0
45.000	100	0	0
46.000	100	0	0
47.000	100	0	0
48.000	100	0	0
49.000	100	0	0
50.000	100	0	0
51.000	100	0	0
52.000	100	0	0
53.000	100	0	0
54.000	100	0	0
55.000	100	0	0
56.000	100	0	0
57.000	100	0	0
58.000	100	0	0
59.000	100	0	0
60.000	100	0	0
61.000	100	0	0
63.000	100	0	0
62.000	100	0	0

6.5.2. [cpu=sc0]

6.5.2.1. Percent



time	cpu_usage	disk_usage	mem_usage
0.000	0.53763	9.14763	42.91016
1.000	0.53763	9.14763	42.91016
2.000	0.37927	9.14764	42.90942
3.000	1.65184	9.14768	42.89369
4.000	0.3783100000000001	9.1477	42.89448
5.000	0.37879	9.14771	42.8928
6.000	0.37783	9.14772	42.88986999999995
7.000	0.37879	9.14774	42.89091000000001
8.000	1.017809999999997	9.14778	42.88619
9.000	0.8805	9.1478	42.88813000000001
10.000	2.0202	9.14781	42.89135
11.000	0.37783	9.147829999999999	42.8912
12.000	0.50378	9.14784	42.8916
13.000	1.53846	9.147919999999997	42.88946999999996
14.000	0.37783	9.14794	42.89394
15.000	0.3773600000000001	9.14795	42.89309
16.000	0.37783	9.147969999999997	42.88997
17.000	0.25221	9.14799	42.8914
18.000	1.39949	9.14804	42.86644
19.000	0.63052	9.148069999999997	42.86987
20.000	0.37783	9.14809	42.872
21.000	0.5056900000000002	9.148109999999997	42.87022
22.000	0.50505	9.148159999999997	42.86545
23.000	0.50761	9.148169999999997	42.86525
24.000	1.4030599999999998	9.14824	42.88619

time	cpu_usage	disk_usage	mem_usage
25.000	1.26263	9.148259999999997	42.88361
26.000	1.89394	9.148279999999998	42.86997
27.000	0.88161	9.14829	42.87587
28.000	0.37783	9.148309999999997	42.87294
29.000	1.16129	9.148369999999995	42.87487999999999
30.000	1.00629	9.148389999999997	42.86272
31.000	0.37783	9.14841	42.86247
32.000	0.37783	9.14843	42.86178
33.000	0.3783100000000001	9.14847	42.86247
34.000	4.036460000000002	9.14854	42.86009
35.000	0.8872	9.14856	42.86441
36.000	0.25189	9.14856	42.8597
37.000	0.37879	9.148579999999999	42.8593
38.000	0.50378	9.14859	42.8592
39.000	3.539819999999993	9.14866	42.86059
40.000	0.37783	9.148679999999999	42.85795999999999
41.000	0.63211	9.148729999999999	42.85617
42.000	0.63211	9.148729999999999	42.85617
43.000	0.37879	9.14875	42.855669999999996
44.000	1.38889	9.148819999999997	42.86024
45.000	0.3773600000000001	9.14884	42.85935
46.000	0.2538100000000001	9.14885	42.85915
47.000	0.502509999999998	9.148879999999998	42.86193
48.000	0.504409999999998	9.148879999999998	42.86143
49.000	1.51707	9.148949999999997	42.83394
50.000	0.37783	9.148969999999997	42.83369
51.000	0.25349	9.14899	42.83185999999999
52.000	0.37879	9.14901	42.83096
53.000	1.029599999999996	9.14904	42.83017
54.000	1.265819999999995	9.14912	42.82982
55.000	0.37783	9.14913	42.83349
56.000	0.25316	9.14915	42.83151
57.000	0.3783100000000001	9.14916	42.83285
58.000	0.37783	9.14918	42.8327
59.000	0.3773600000000001	9.14919	42.83583
60.000	2.777780000000001	9.14927	42.83181
61.000	1.89394	9.14929	42.84972
63.000	0.54054	9.14884	42.14734
62.000	1.007559999999998	9.14934	42.84282

7. Test Results for HTTP_BW

7.1. Component Description

Component: Client Simulation

Component	Resource Used
HTTP_BW	np1-0

7.2. Test Component Criteria

Number	Description
1	The total number of sessions opened must reach the specified target within the allotted time.: (maxConcurrentAppFlows>=sessions.target)
2	The total number of failed application transactions must be no more than 5 percent of the attempted application transactions.: ((appUnsuccessful*100)<=(appAttempted*5))
3	The session rate must reach the specified target within the allotted time.: (maxAppFlowRate>=sessions.targetPerSecond)
4	The total number of matches must reach the target # matches.: (appSuccessfulMatches>=sessions.targetMatches)

7.3. Settings

Parameter	Value
Resource Percentage	100
Super Flow	Bandwidth HTTP
Delay Start	00:00:00
Data Rate/Data Rate Unlimited	false
Data Rate/Data Rate Scope	Limit Per-Interface Throughput
Data Rate/Data Rate Unit	Megabits / Second
Data Rate/Data Rate Type	Constant
Data Rate/Minimum Data Rate	1000
Data Rate/Maximum Data Rate	100
Session/Super Flow Configuration/Maximum Simultaneous Super Flows	500
Session/Super Flow Configuration/Maximum Simultaneous Active Flows	0
Session/Super Flow Configuration/Maximum Super Flows Per Second	500
Session/Super Flow Configuration/Unlimited Super Flow Open Rate	false
Session/Super Flow Configuration/Unlimited Super Flow Close Rate	false
Session/Super Flow Configuration/Target Minimum Simultaneous Flows	1
Session/Super Flow Configuration/Target Minimum Super Flows Per Second	1
Session/Super Flow Configuration/Target Number of Successful Matches	0
Session/Super Flow Configuration/Engine Selection	Advanced (Max Features)
Session/Super Flow Configuration/Performance Emphasis	Balanced
Session/Super Flow Configuration/Resource Allocation Override	Automatic
Session/Super Flow Configuration/Statistic Detail	Maximum
App Configuration/Remove all DNS actions	false
App Configuration/Streams Per Super Flow	8
App Configuration/Content Fidelity	Normal
App Configuration/SSL Session Reuse Capacity	Low
App Configuration/Replace Streams at Runtime	true
Source Port/Port Distribution Type	Random
Source Port/Minimum Port Number	1024
Source Port/Maximum Port Number	65535
TCP Configuration/Maximum Segment Size (MSS)	1460
TCP Configuration/Aging Time Data Type	Seconds

Parameter	Value
TCP Configuration/Aging Time	0
TCP Configuration/Reset at End	false
TCP Configuration/Retry Quantum	250
TCP Configuration/Retry Count	3
TCP Configuration/Delay ACKs	false
TCP Configuration/Disable Piggy-back data on ACK (experimental)	false
TCP Configuration/Delayed ACKs ms	0
TCP Configuration/Initial Receive Window	5792
TCP Configuration/TCP Window Scale	0
TCP Configuration/Add Segment Timestamps	true
TCP Configuration/Piggy-back Data on 3-way Handshake ACK	false
TCP Configuration/Piggy-back Data on Shutdown FIN	false
TCP Configuration/Initial Congestion Window	4
TCP Configuration/Explicit Congestion Notification	Support ECN
TCP Configuration/Raw Flags	-1
TCP Configuration/Connect Delay	0
TCP Configuration/TCP Keepalive Timer	0
IPv4 Configuration/TTL	32
IPv4 Configuration/TOS/DSCP	0x0
IPv6 Configuration/Hop Limit	64
IPv6 Configuration/Traffic Class	0x0
IPv6 Configuration/Flow Label	0x0
Ramp Up Profile/Ramp Up Profile Type	Calculated
Ramp Up Profile/Min Connection Rate	1
Ramp Up Profile/Max Connection Rate	1
Ramp Up Profile/Increment n Connections per Interval	1
Ramp Up Profile/Fixed Time Interval	00:00:01
Session Ramp Distribution/Ramp Up Behavior	Full Open
Session Ramp Distribution/SYN Only Retry Mode	Obey Retry Count
Session Ramp Distribution/Ramp Up Duration	00:00:00
Session Ramp Distribution/Steady-State Behavior	Open and Close Sessions
Session Ramp Distribution/Steady-State Time Interval	00:01:00
Session Ramp Distribution/Ramp Down Behavior	Full Close
Session Ramp Distribution/Ramp Down Time Interval	00:00:02
Load Profile/	None
Preset the component was created from	Small Network

7.4. Traffic Appearance

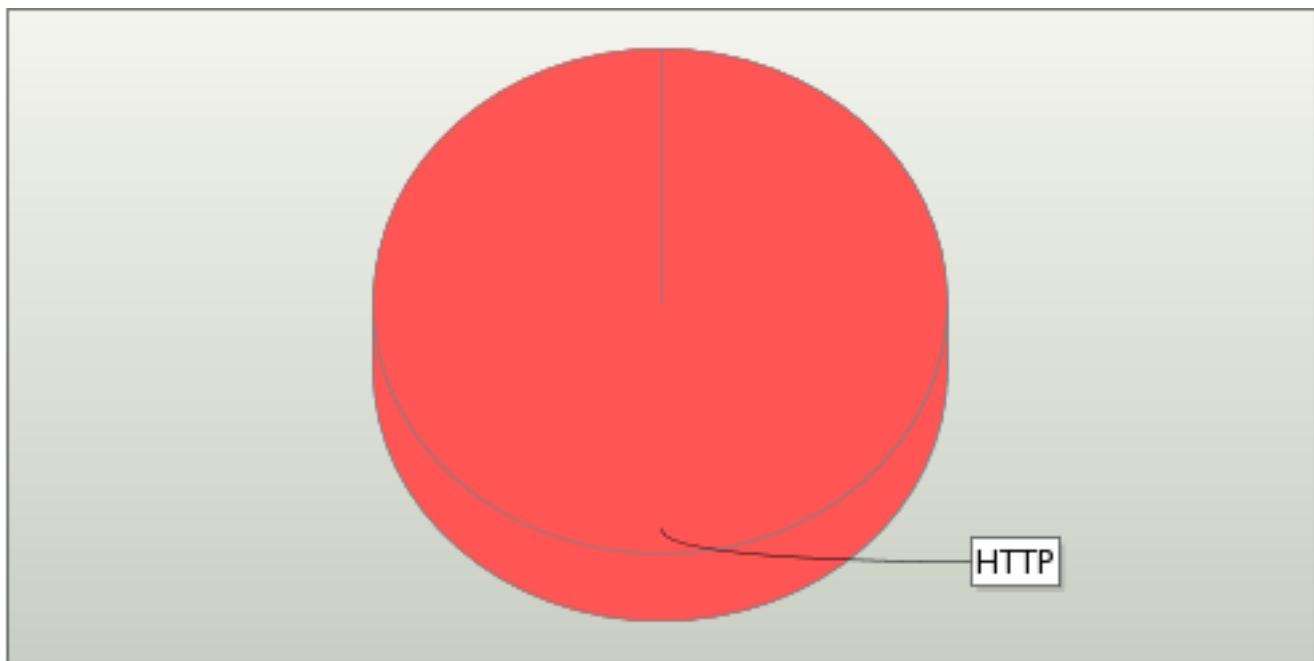
Traffic was addressed as defined in the "BreakingPoint Switching" network neighborhood.

Interface	Traffic Direction	Network Domain	VLAN	Address Range
1	Client	default		1.1.0.1 - 1.1.255.254
2	Server	default		1.2.0.1 - 1.2.255.254

7.5. Component Results

Component	Result
HTTP_BW	passed

7.6. Application Aggregate Flows



There may be slices in this graph that are too small to be displayed.

Protocol	Aggregate Flows (Flows)	Aggregate Flows (%)
HTTP	8,072	100.000%

7.7. Application Data

Application Bytes Transmitted



Application Bytes Received

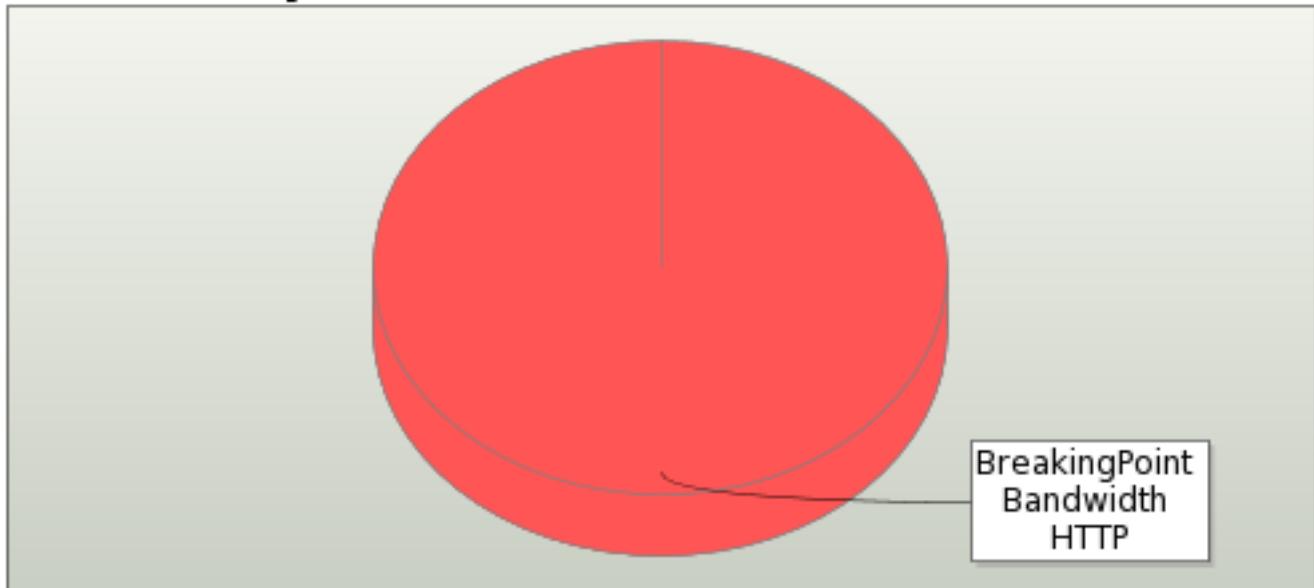


There may be slices in this graph that are too small to be displayed.

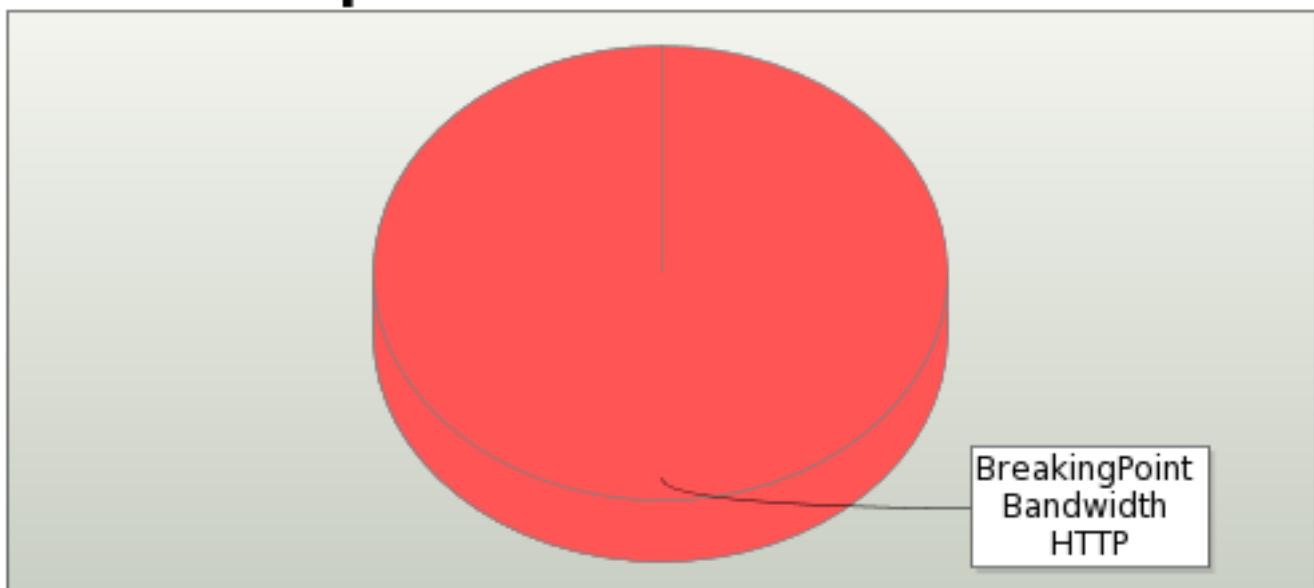
Protocol	Data Transmitted (Bytes)	Data Transmitted (%)	Data Received (Bytes)	Data Received (%)	Delta Received (Tx - Rx) (Bytes)	% Received (%)
HTTP	4,712,855,173	100.000%	4,710,028,573	100.000%	2,826,600	99.940

7.8. Super Flow Data

Super Flow Data Transmitted



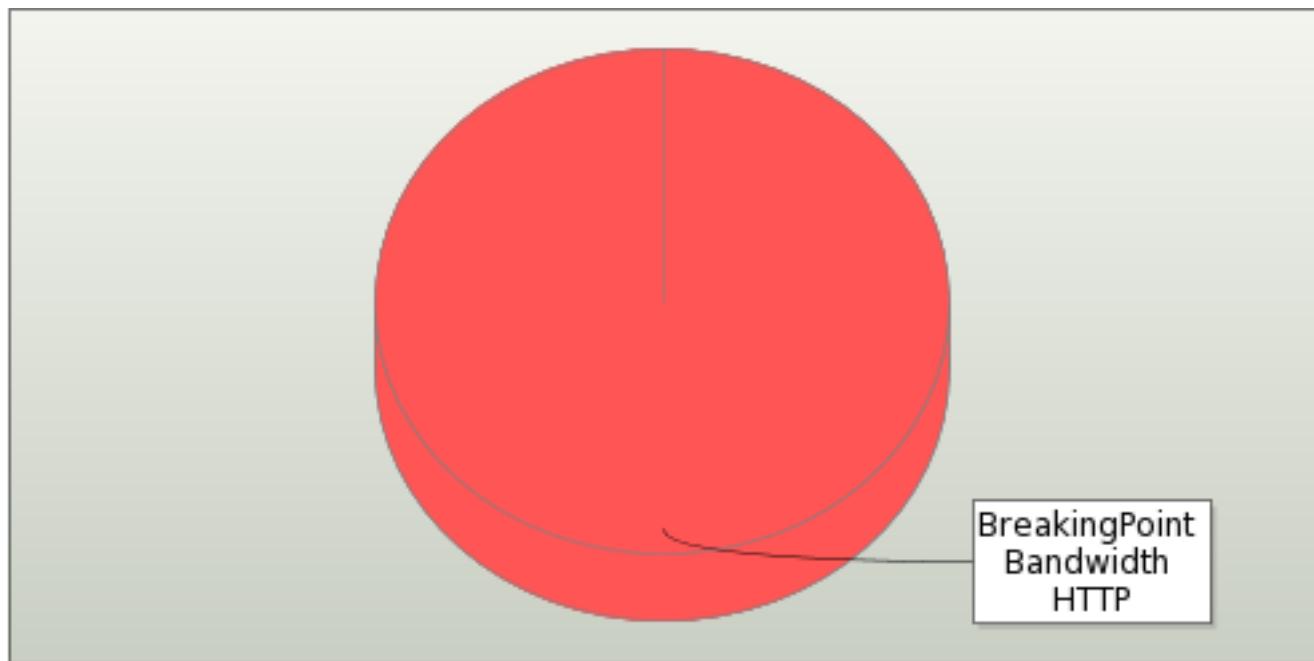
Super Flow Data Received



There may be slices in this graph that are too small to be displayed.

Super Flow	Data Transmitted (Bytes)	Data Transmitted (%)	Data Received (Bytes)	Data Received (%)	Delta Received (Tx - Rx) (Bytes)	% Received (%)
BreakingPoint Bandwidth HTTP	4,712,855,173	100.000%	4,710,028,573	100.000%	2,826,600	99.940

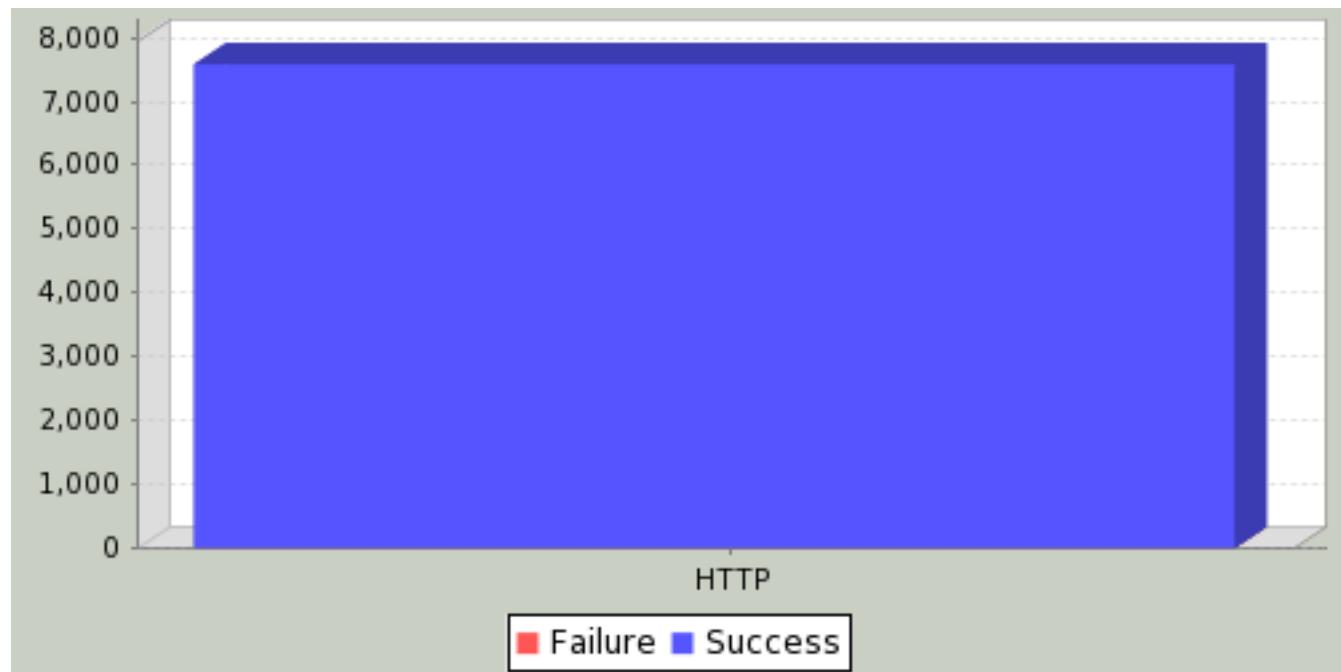
7.9. Super Flow Iterations



There may be slices in this graph that are too small to be displayed.

Super Flow	Iterations (Sessions)	Iterations (%)
BreakingPoint Bandwidth HTTP	8,072	100.000%

7.10. Application Transactions Summary



Protocol	Success (Transactions)	Failure (Transactions)
HTTP	7,905	0

7.11. Application Summary

Measurement	Value
Frames transmitted	6,122,826
Frames received	6,114,745 99.868%
Frame data transmitted	4,712,855,173
Frame data received	4,710,028,573 99.940%
Attempted	8,063
Aborted	0
Successes	7,905 98.040%
Failures due to external events	0
Failures due to ramp down	158 1.960%
Failures due to TCP retry limit	0
Failures due to UDP receive timeout	0
Failures due to resolve receive timeout	0
Failures due to a premature session close	0
Failures due to a premature Super Flow close	0
General application failures	0
Attempted matches	0
Successful matches	0
Failed matches	0
Conditional Request chunk starts	0
Conditional Request chunk ends	0
Server Response data valid count	0
Server Response data not valid count	0

7.12. IP Summary

Measurement	Value
Frames transmitted	6,123,813
Frames received	6,122,716 99.982%
Frame data transmitted	4,712,920,315
Frame data received	4,712,203,988 99.985%
Fragments transmitted	0
Fragments received	0

7.13. Frame Data Rate Summary

Measurement	Value (Mb/s)
Minimum Tx Data Rate Mb/s	228.7779
Average Tx Data Rate Mb/s	623.1827
Maximum Tx Data Rate Mb/s	680.2216
Standard Deviation of mean Tx Data Rate Mb/s	65.4424
Minimum Rx Data Rate Mb/s	245.2070
Average Rx Data Rate Mb/s	623.0009
Maximum Rx Data Rate Mb/s	673.6463
Standard Deviation of mean Rx Data Rate Mb/s	64.1283

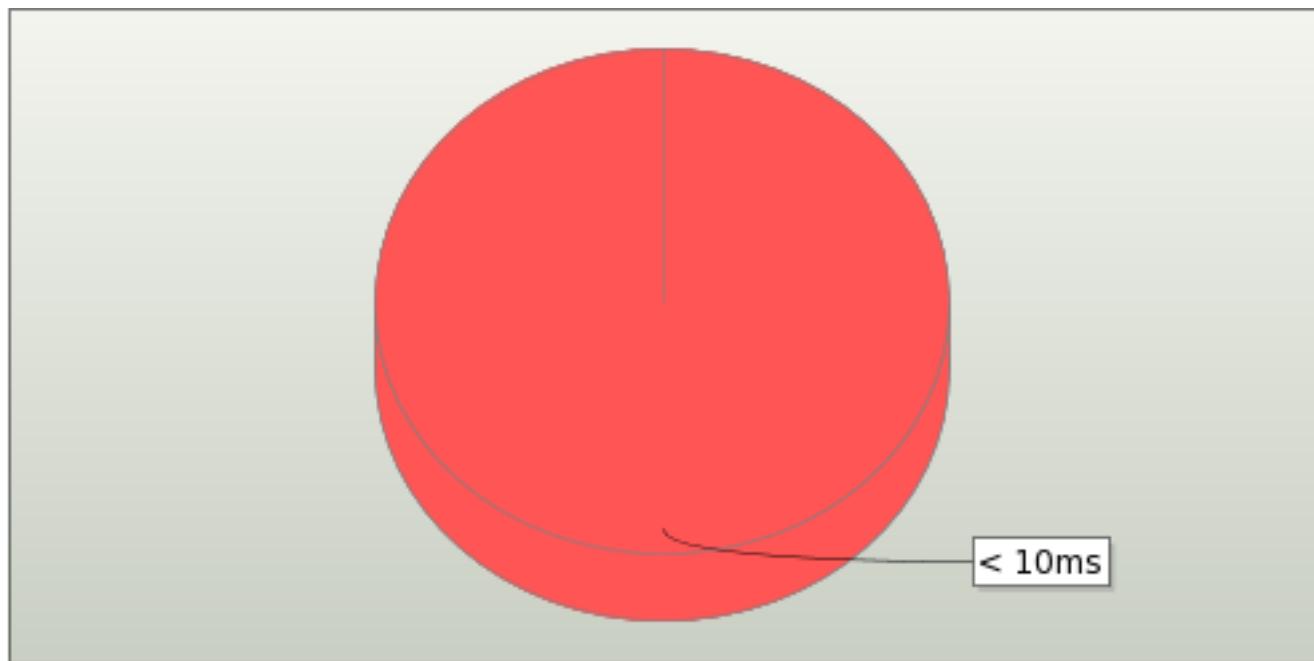
7.13.1. Frame Data Rate Summary: 1

Measurement	Value (Mb/s)
Minimum Tx Data Rate Mb/s	13.7963
Average Tx Data Rate Mb/s	35.5712
Maximum Tx Data Rate Mb/s	38.5862
Standard Deviation of mean Tx Data Rate Mb/s	3.6595
Minimum Rx Data Rate Mb/s	229.8567
Average Rx Data Rate Mb/s	587.4119
Maximum Rx Data Rate Mb/s	634.5395
Standard Deviation of mean Rx Data Rate Mb/s	60.5897

7.13.2. Frame Data Rate Summary: 2

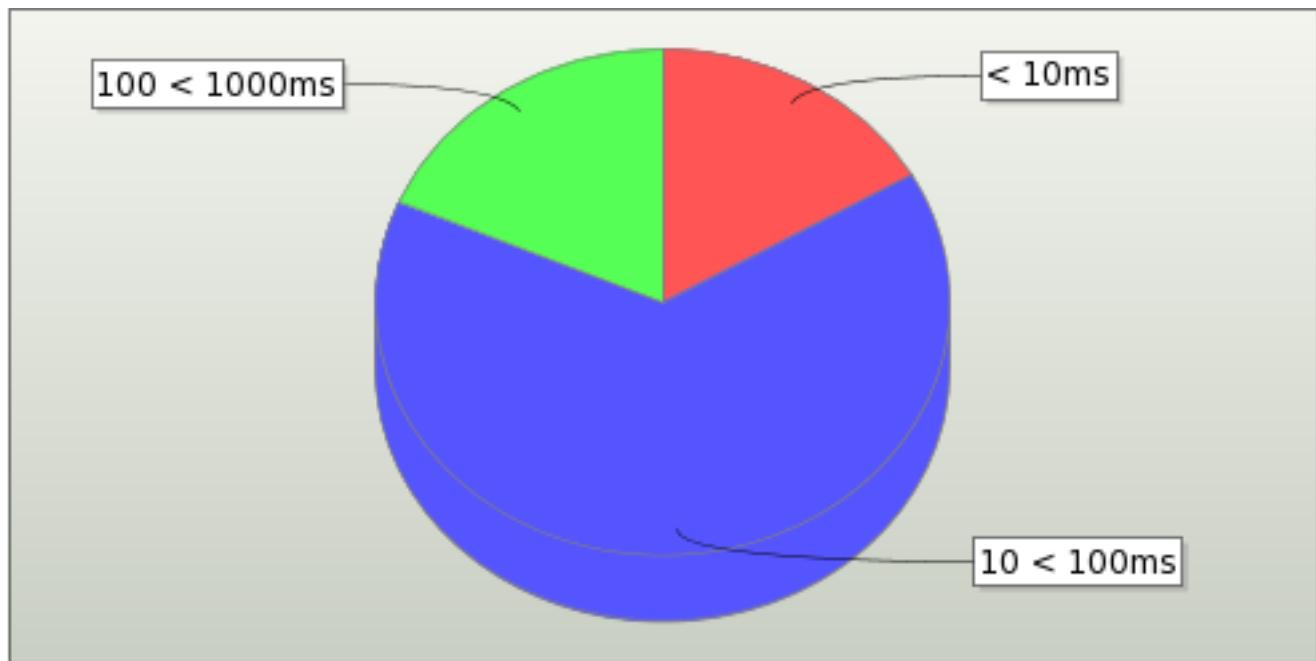
Measurement	Value (Mb/s)
Minimum Tx Data Rate Mb/s	214.9816
Average Tx Data Rate Mb/s	587.6115
Maximum Tx Data Rate Mb/s	642.0249
Standard Deviation of mean Tx Data Rate Mb/s	61.8136
Minimum Rx Data Rate Mb/s	15.3503
Average Rx Data Rate Mb/s	35.5890
Maximum Rx Data Rate Mb/s	39.1068
Standard Deviation of mean Rx Data Rate Mb/s	3.5580

7.14. TCP Setup Time



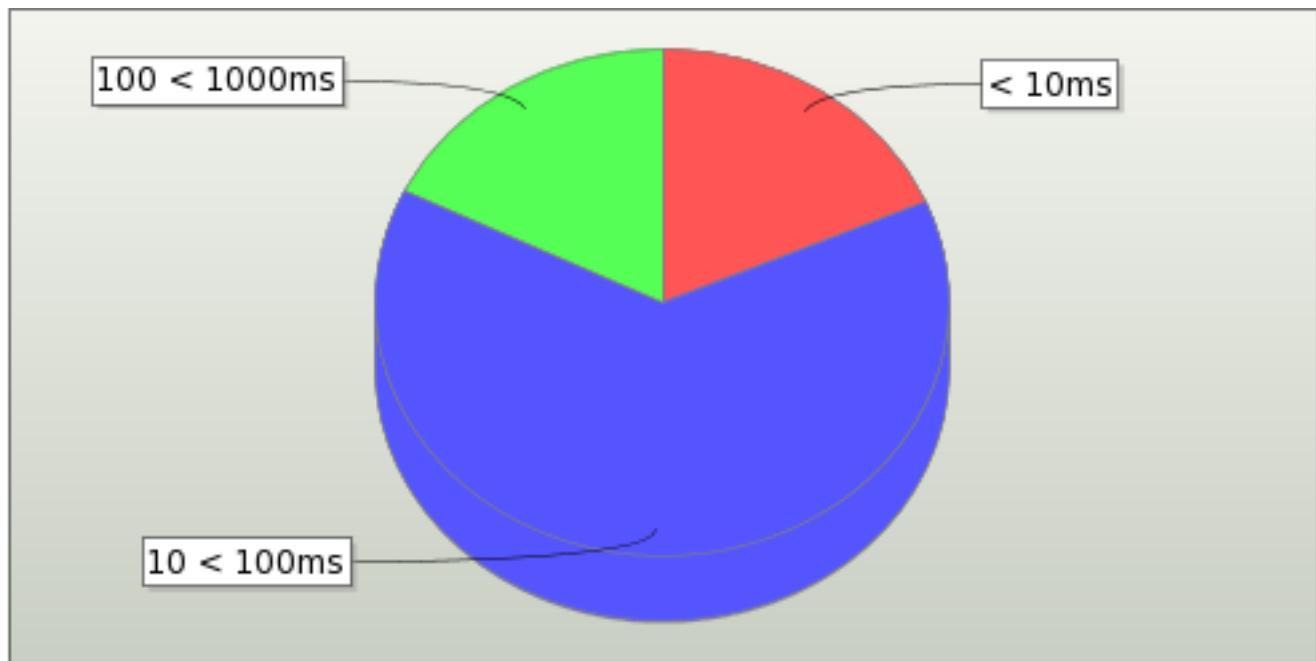
Measurement	Value (TCP Sessions)
< 10ms	8,072
10 < 100ms	0
100 < 1000ms	0
1000 < 10000ms	0
>= 10000ms	0

7.15. TCP Response Time



Measurement	Value (TCP Sessions)
< 10ms	1,344
10 < 100ms	5,228
100 < 1000ms	1,500
1000 < 10000ms	0
>= 10000ms	0

7.16. TCP Close Time



Measurement	Value (TCP Sessions)
< 10ms	1,462
10 < 100ms	5,030
100 < 1000ms	1,399
1000 < 10000ms	0
>= 10000ms	0

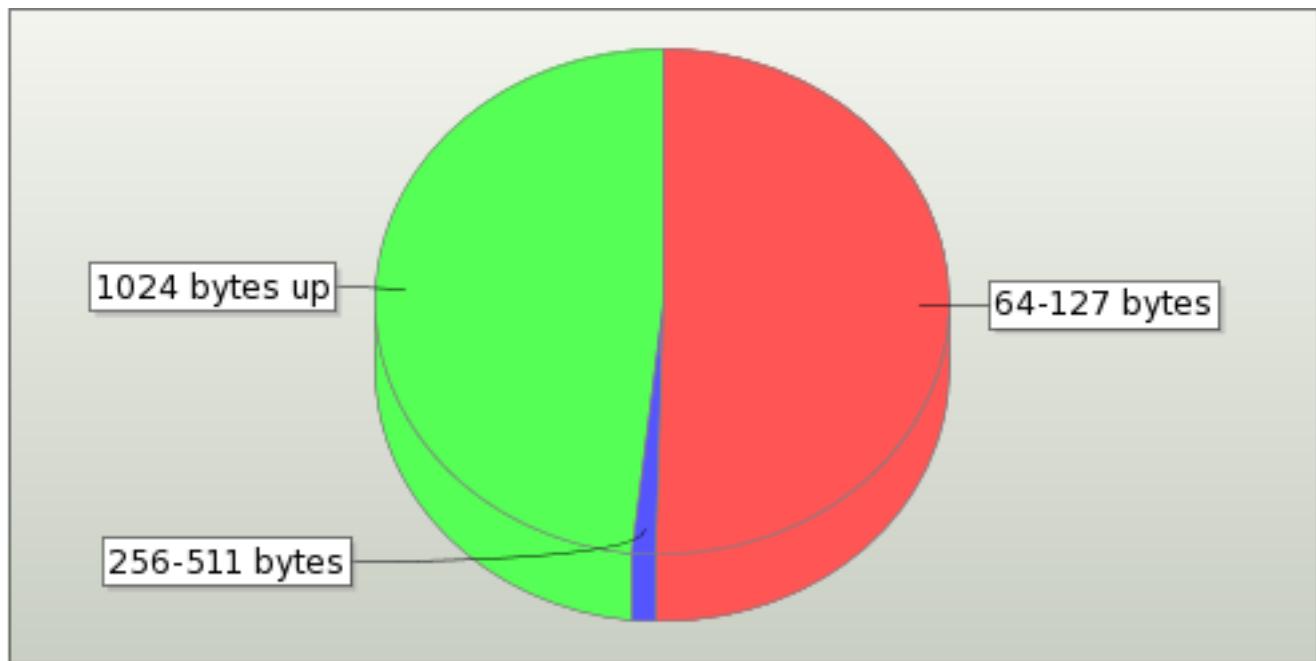
7.17. TCP Summary

Measurement	Value
Frames transmitted	6,123,813
Frames received	6,122,716 99.982%
Frame data transmitted	4,712,920,315
Frame data received	4,712,203,988 99.985%
Client attempted	8,072
Client established	8,072
Client closed normally	7,893
Client received FIN	8,073
Client closed by sending RST	0
Client received RST	0
Aggregate open retries	365
Aggregate data retries	6,146
Aggregate close retries	838
Aggregate closed normally	15,784
Aggregate closed by sending RST	0

7.18. Frame Latency Summary

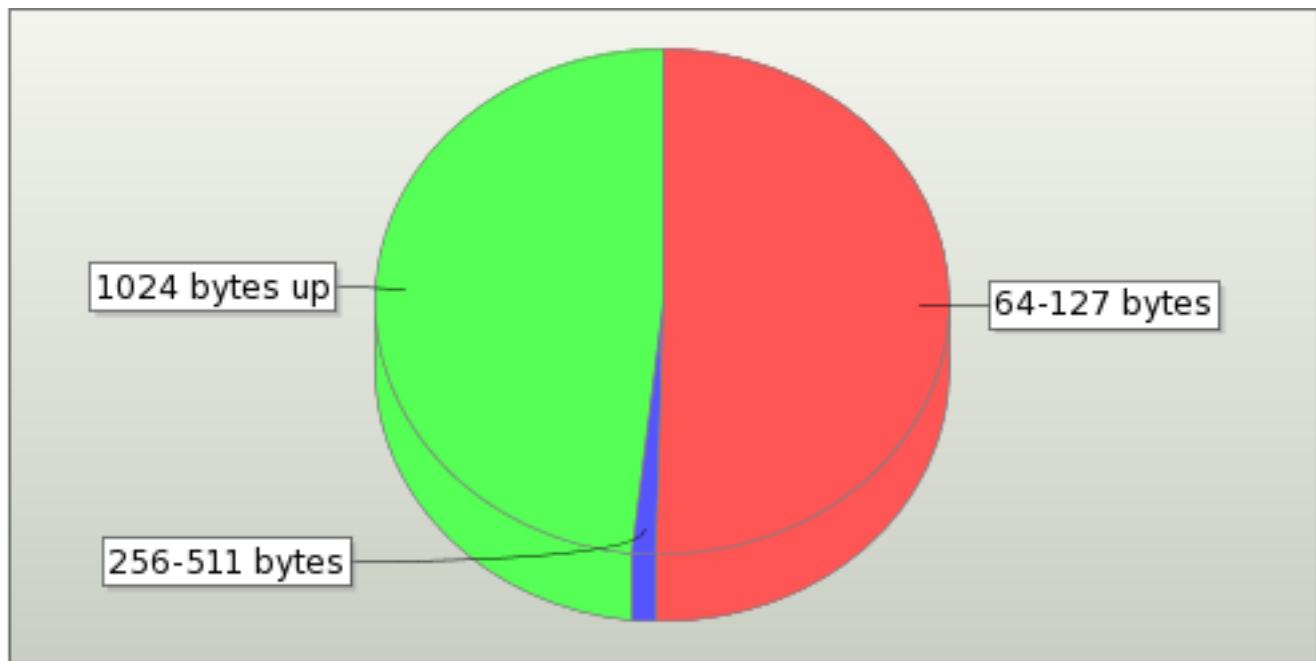
Measurement	Value (Microseconds)
Average	474.102
Minimum	1.250
Maximum	5,080.250

7.19. Transmitted Frame Size



Measurement	Value (Frames)
64-127 bytes	3,085,415
128-255 bytes	0
256-511 bytes	82,744
512-1023 bytes	0
1024 bytes up	2,955,654

7.20. Received Frame Size



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Measurement	Value (Frames)
64-127 bytes	3,084,774
128-255 bytes	0
256-511 bytes	82,729
512-1023 bytes	0
1024 bytes up	2,955,213

7.21. Component Flow Counts

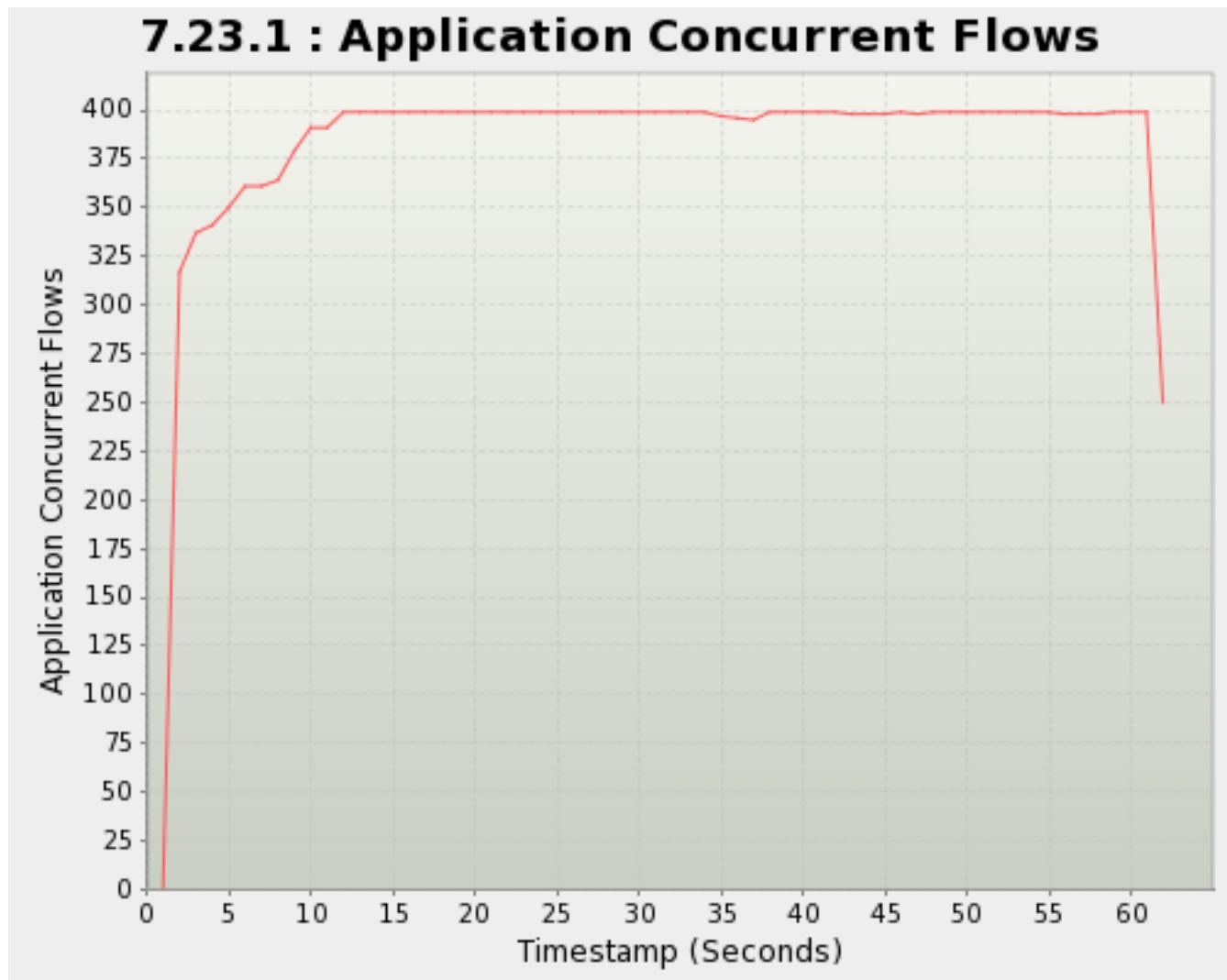
Measurement	Value
UDP Flows	0
TCP Flows	8,072
SCTP Flows	0
Flow Exceptions	0

7.22. Component Summary

Measurement	Value
Frames transmitted	6,123,813
Frames received	6,122,716 99.982%
Frame bytes transmitted	4,737,415,567
Frame bytes received	4,736,694,852 99.985%
Maximum frame transmit rate	~106700
Maximum frame receive rate	~106900
Maximum frame data transmit rate	680.2
Maximum frame data receive rate	673.6
Maximum client establish rate	187.8
Maximum client concurrent	394
Maximum server concurrent	392
Concurrent TCP Flows	394
Concurrent UDP Flows	0
Concurrent ICMP Flows	0
TCP flow rate	373.3
UDP flow rate	0
ICMP flow rate	0
Concurrent Network Flows Max	399
Network Flow Rate Max	372.3

7.23. Detail

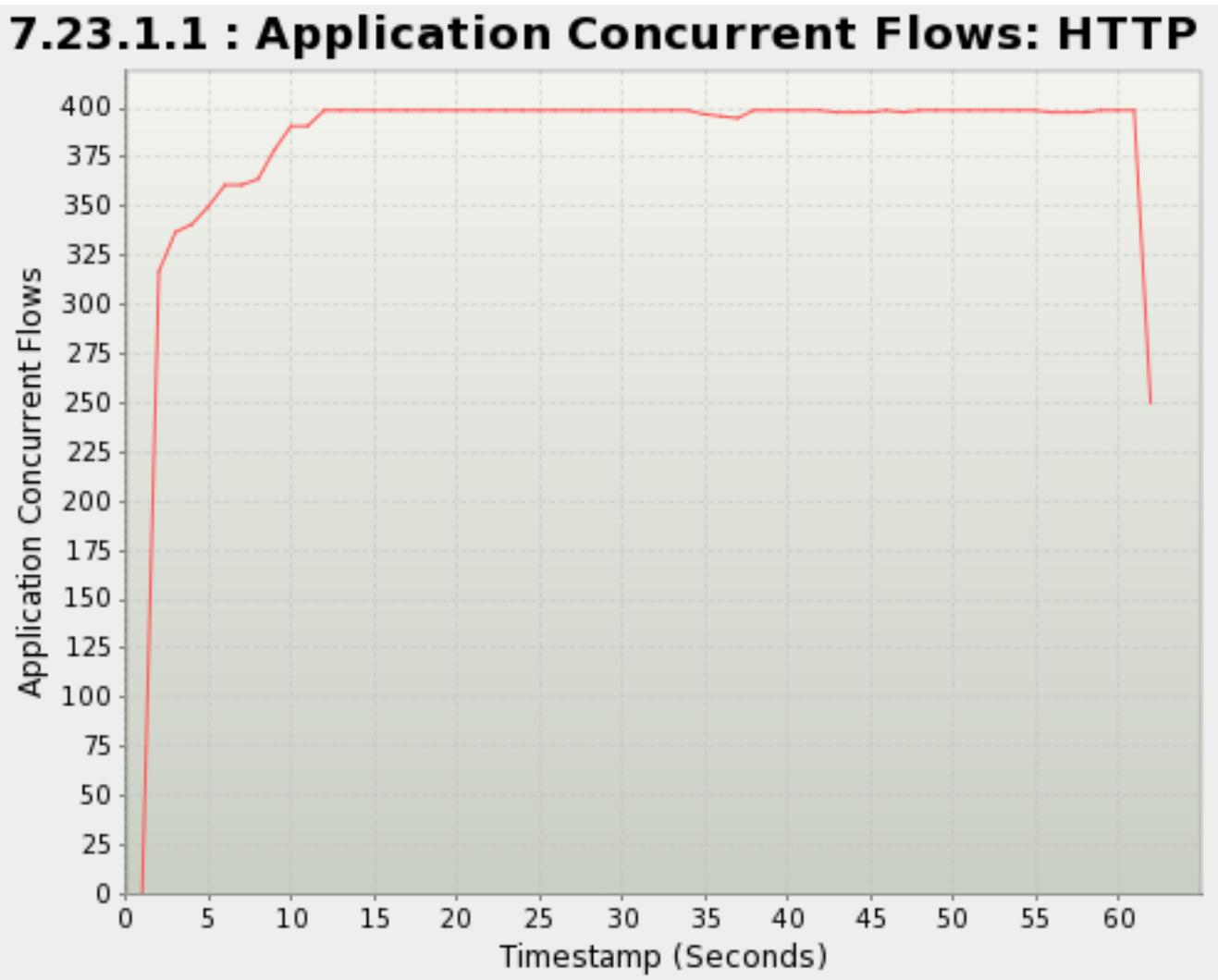
7.23.1. Application Concurrent Flows



Timestamp	Application Concurrent Flows
Seconds	Flows
0.934	1
1.944	317
2.942	337
3.938	341
4.937	350
5.938	361
6.938	361
7.938	364
8.941	379
9.937	391
10.939	391
11.939	399
12.940	399
13.937	399
14.937	399
15.942	399
16.935	399
17.936	399
18.937	399
19.935	399
20.935	399
21.939	399
22.936	399
23.937	399

Timestamp	Application Concurrent Flows	
	Seconds	Flows
24.939		399
25.935		399
27.569		399
27.938		399
28.936		399
29.936		399
30.940		399
31.938		399
32.946		399
33.935		399
34.938		397
35.939		396
36.946		395
37.941		399
38.937		399
39.947		399
40.937		399
41.937		399
42.936		398
43.937		398
44.935		398
45.933		399
46.946		398
47.940		399
48.935		399
49.940		399
50.942		399
51.934		399
52.942		399
53.944		399
54.950		399
55.934		398
56.936		398
57.941		398
58.933		399
59.934		399
60.940		399
61.936		250
62.580		0
63.581		0

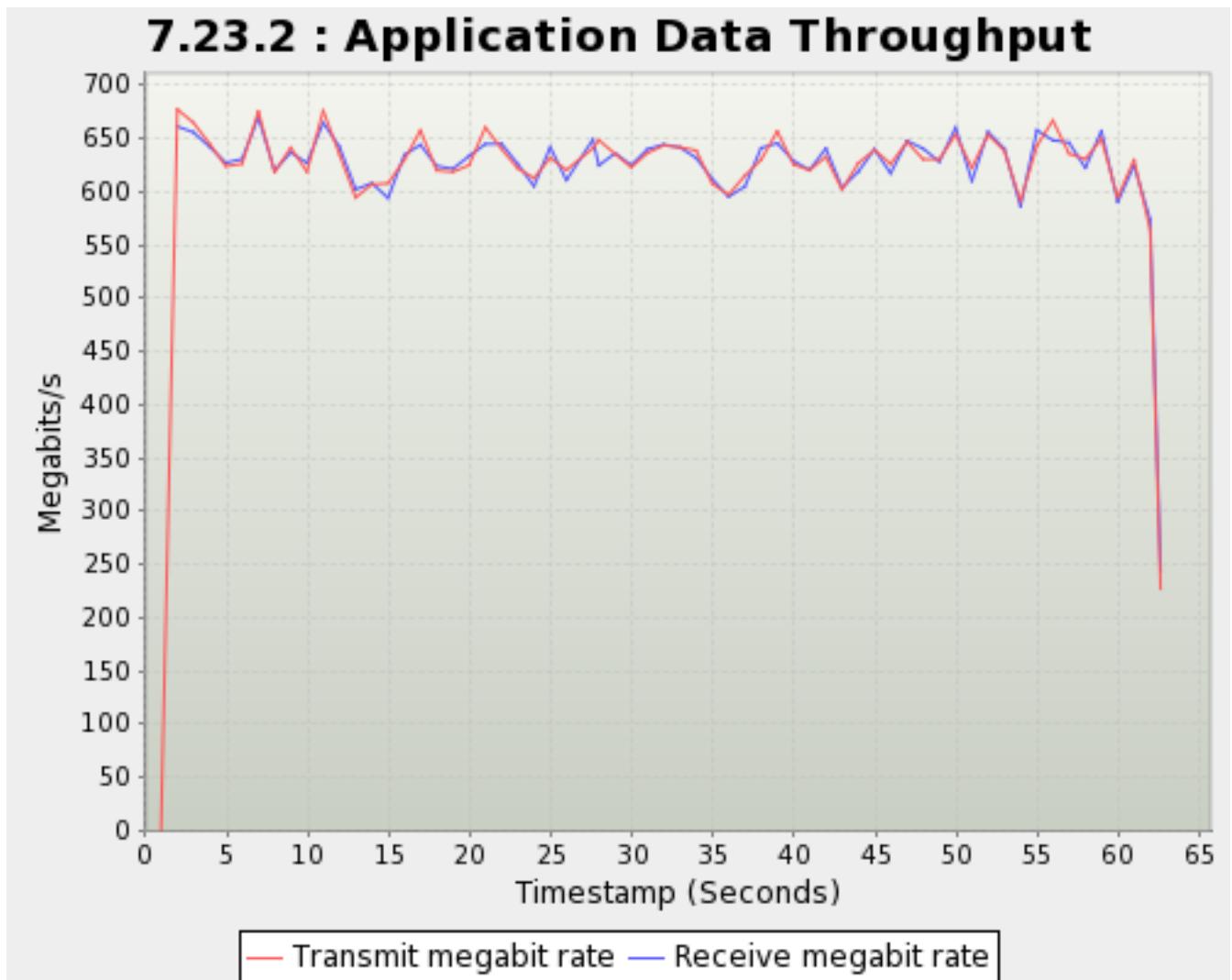
7.23.1.1. Application Concurrent Flows: HTTP



Timestamp	Application Concurrent Flows
Seconds	Flows
0.934	1
1.944	317
2.942	337
3.938	341
4.937	350
5.938	361
6.938	361
7.938	364
8.941	379
9.937	391
10.939	391
11.939	399
12.940	399
13.937	399
14.937	399
15.942	399
16.935	399
17.936	399
18.937	399
19.935	399
20.935	399
21.939	399
22.936	399
23.937	399

Timestamp	Application Concurrent Flows	
	Seconds	Flows
24.939		399
25.935		399
27.569		399
27.938		399
28.936		399
29.936		399
30.940		399
31.938		399
32.946		399
33.935		399
34.938		397
35.939		396
36.946		395
37.941		399
38.937		399
39.947		399
40.937		399
41.937		399
42.936		398
43.937		398
44.935		398
45.933		399
46.946		398
47.940		399
48.935		399
49.940		399
50.942		399
51.934		399
52.942		399
53.944		399
54.950		399
55.934		398
56.936		398
57.941		398
58.933		399
59.934		399
60.940		399
61.936		250
62.580		0
63.581		0

7.23.2. Application Data Throughput



Data Rate shown includes Ethernet overhead.

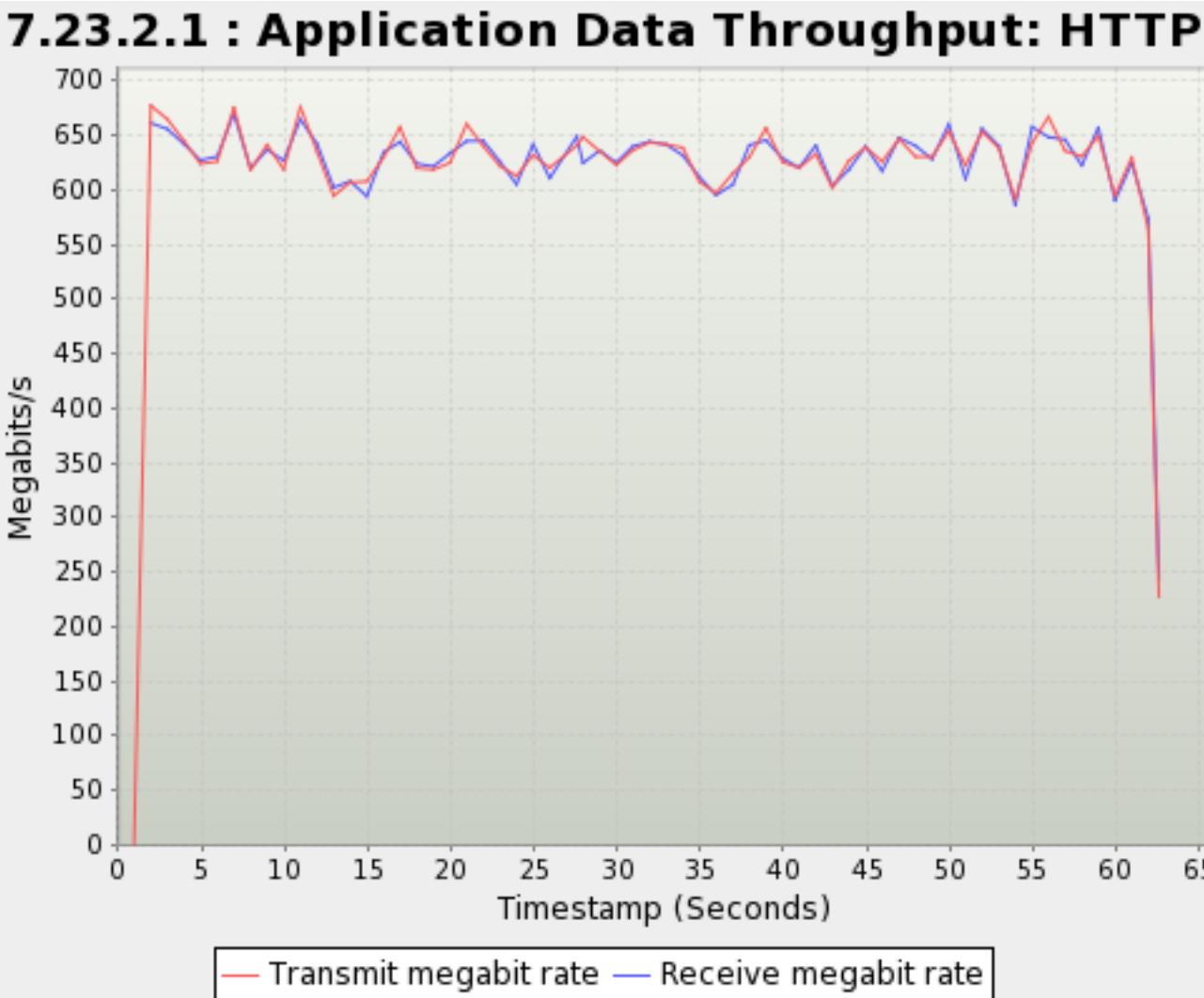
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp	Transmit megabit rate	Receive megabit rate
Seconds	Megabits/s	
0.934	0.0007709	0.00
1.944	677.7	661.7
2.942	665.1	656.1
3.938	645.2	642.5
4.937	624.2	627.5
5.938	626.6	~631
6.938	675.9	670.3
7.938	618.7	620.2
8.941	641.7	637.3
9.937	619.1	627.3
10.939	676.6	665.1
11.939	635.5	642.6
12.940	594.9	602.5
13.937	607.2	608.3
14.937	608.2	594.5
15.942	630.1	634.9
16.935	~658	644.4
17.936	620.4	624.5
18.937	~619	621.9

Timestamp	Transmit megabit rate	Receive megabit rate
Seconds	Megabits/s	
19.935	625.2	633.8
20.935	660.8	645.1
21.939	640.5	645.4
22.936	622.3	626.3
23.937	613.2	605.5
24.939	632.2	642.2
25.935	620.7	611.1
27.569	641.1	649.4
27.938	648.8	~625
28.936	635.9	636.5
29.936	623.3	625.3
30.940	636.7	640.3
31.938	643.8	644.7
32.946	~642	641.9
33.935	639.1	632.1
34.938	607.7	612.2
35.939	597.5	595.7
36.946	615.4	605.2
37.941	630.3	641.4
38.937	~657	645.9
39.947	625.8	629.3
40.937	620.6	620.7
41.937	633.1	~641
42.936	602.3	~604
43.937	627.2	619.2
44.935	639.5	640.2
45.933	626.4	617.6
46.946	647.1	648.1
47.940	630.8	640.8
48.935	630.8	628.5
49.940	~654	660.6
50.942	622.8	610.3
51.934	653.9	656.6
52.942	638.8	640.7
53.944	591.5	586.5
54.950	643.4	658.2
55.934	667.3	648.7
56.936	636.1	646.4
57.941	631.1	622.7
58.933	649.8	657.5
59.934	~595	590.7
60.940	630.2	624.9
61.936	564.7	574.1
62.580	227.3	243.7
63.581	0.00	0.00

7.23.2.1. Application Data Throughput: HTTP



Data Rate shown includes Ethernet overhead.

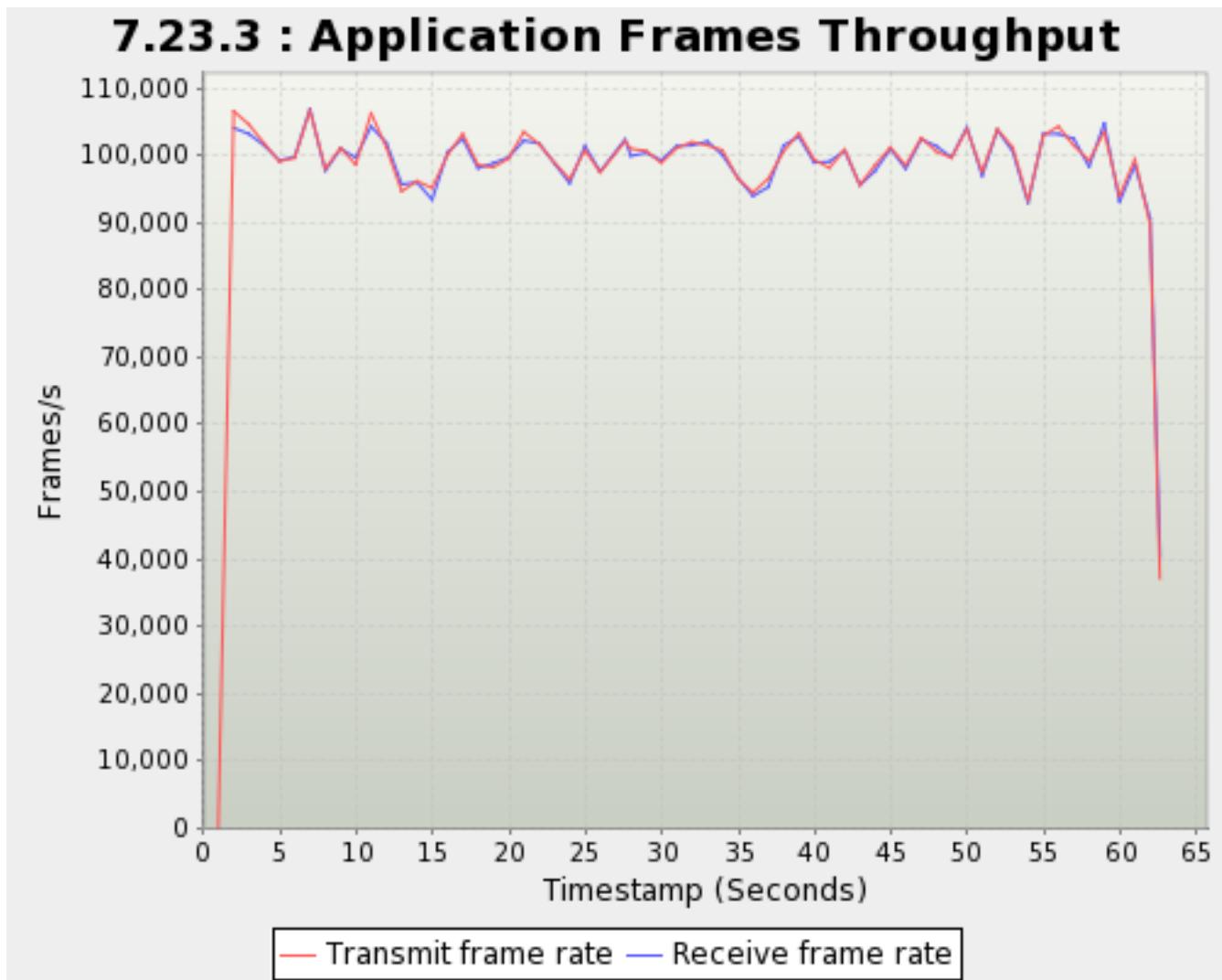
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit megabit rate Megabits/s	Receive megabit rate Megabits/s
0.934	0.0007709	0.00
1.944	677.7	661.7
2.942	665.1	656.1
3.938	645.2	642.5
4.937	624.2	627.5
5.938	626.6	~631
6.938	675.9	670.3
7.938	618.7	620.2
8.941	641.7	637.3
9.937	619.1	627.3
10.939	676.6	665.1
11.939	635.5	642.6
12.940	594.9	602.5
13.937	607.2	608.3
14.937	608.2	594.5
15.942	630.1	634.9
16.935	~658	644.4
17.936	620.4	624.5
18.937	~619	621.9

Timestamp	Transmit megabit rate	Receive megabit rate
Seconds	Megabits/s	
19.935	625.2	633.8
20.935	660.8	645.1
21.939	640.5	645.4
22.936	622.3	626.3
23.937	613.2	605.5
24.939	632.2	642.2
25.935	620.7	611.1
27.569	641.1	649.4
27.938	648.8	~625
28.936	635.9	636.5
29.936	623.3	625.3
30.940	636.7	640.3
31.938	643.8	644.7
32.946	~642	641.9
33.935	639.1	632.1
34.938	607.7	612.2
35.939	597.5	595.7
36.946	615.4	605.2
37.941	630.3	641.4
38.937	~657	645.9
39.947	625.8	629.3
40.937	620.6	620.7
41.937	633.1	~641
42.936	602.3	~604
43.937	627.2	619.2
44.935	639.5	640.2
45.933	626.4	617.6
46.946	647.1	648.1
47.940	630.8	640.8
48.935	630.8	628.5
49.940	~654	660.6
50.942	622.8	610.3
51.934	653.9	656.6
52.942	638.8	640.7
53.944	591.5	586.5
54.950	643.4	658.2
55.934	667.3	648.7
56.936	636.1	646.4
57.941	631.1	622.7
58.933	649.8	657.5
59.934	~595	590.7
60.940	630.2	624.9
61.936	564.7	574.1
62.580	227.3	243.7
63.581	0.00	0.00

7.23.3. Application Frames Throughput



Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

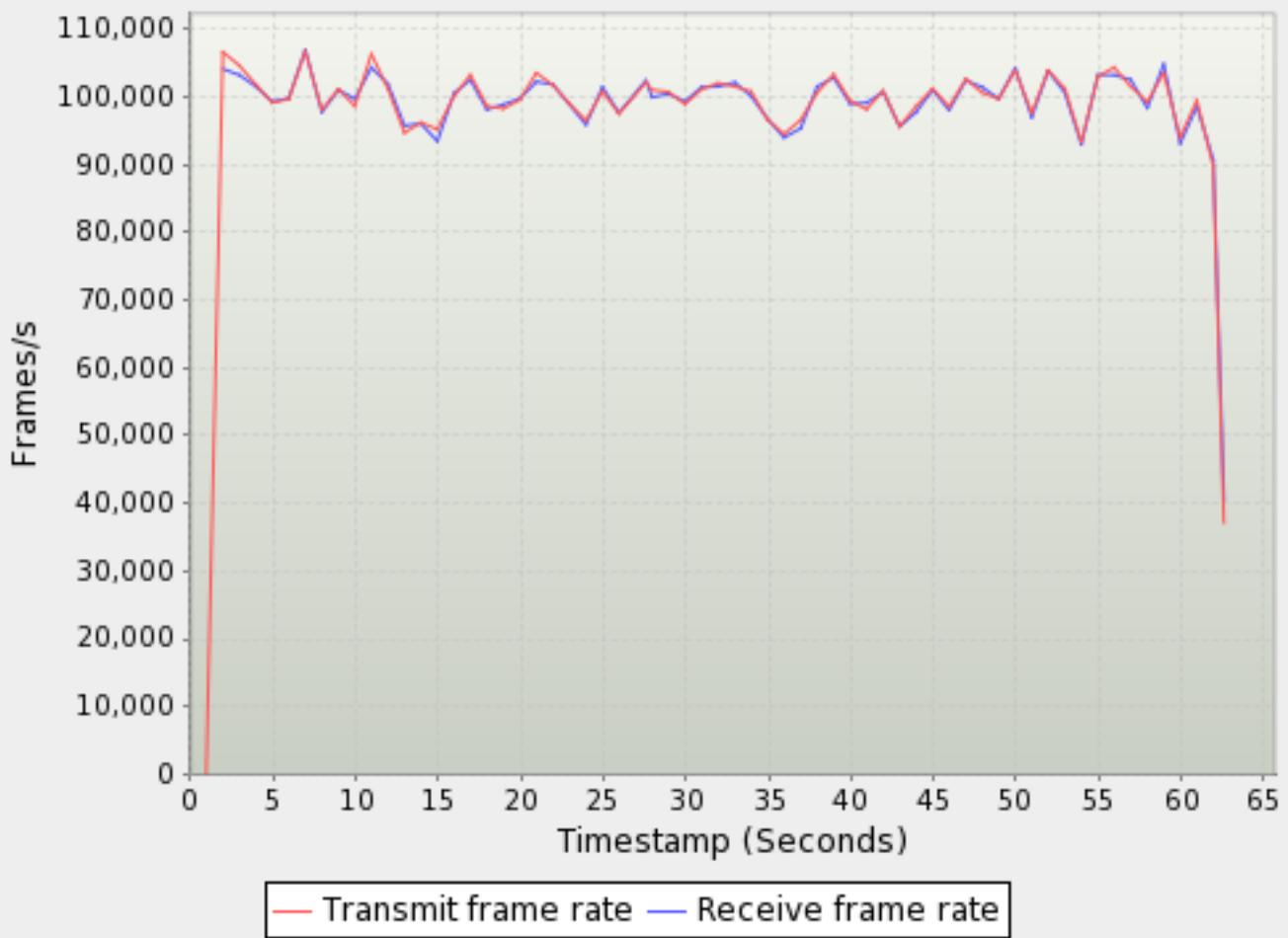
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
0.934	1.071	0.00
1.944	~106600	~104100
2.942	~104600	~103200
3.938	~101800	~101500
4.937	~99120	~99260
5.938	~99650	~99780
6.938	~106700	~106900
7.938	~98030	~97740
8.941	~101100	~101000
9.937	~98630	~99680
10.939	~106300	~104300
11.939	~101200	~101900
12.940	~94690	~95720
13.937	~96180	~96040
14.937	~95180	~93430
15.942	~100100	~100500
16.935	~103200	~102500
17.936	~98610	~98110
18.937	~98240	~98840

Timestamp	Transmit frame rate	Receive frame rate
Seconds	Frames/s	
19.935	~99550	~99730
20.935	~103500	~102200
21.939	~101700	~101800
22.936	~98960	~98850
23.937	~96490	~95880
24.939	~100800	~101400
25.935	~97480	~97610
27.569	~102100	~102400
27.938	~101000	~99930
28.936	~100700	~100400
29.936	~98900	~99290
30.940	~101100	~101400
31.938	~102000	~101500
32.946	~101500	~102100
33.935	~100800	~100100
34.938	~96630	~96720
35.939	~94490	~93980
36.946	~96570	~95320
37.941	~100600	~101500
38.937	~103300	~102800
39.947	~99390	~98950
40.937	~98140	~99090
41.937	~100900	~100700
42.936	~95600	~95610
43.937	~98580	~97730
44.935	~101200	~101000
45.933	~98520	~98020
46.946	~102600	~102400
47.940	~100600	~101400
48.935	~99660	~99700
49.940	~103900	~104200
50.942	~97600	~96970
51.934	~103900	~103800
52.942	~101200	~100600
53.944	~93330	~92980
54.950	~103000	~103200
55.934	~104300	~103200
56.936	~101500	~102500
57.941	~99240	~98330
58.933	~103500	~104800
59.934	~93980	~93110
60.940	~99470	~98570
61.936	~89730	~90640
62.580	~37160	~40460
63.581	0.00	0.00

7.23.3.1. Application Frames Throughput: HTTP

7.23.3.1 : Application Frames Throughput: HTTP



Data Rate shown includes Ethernet overhead.

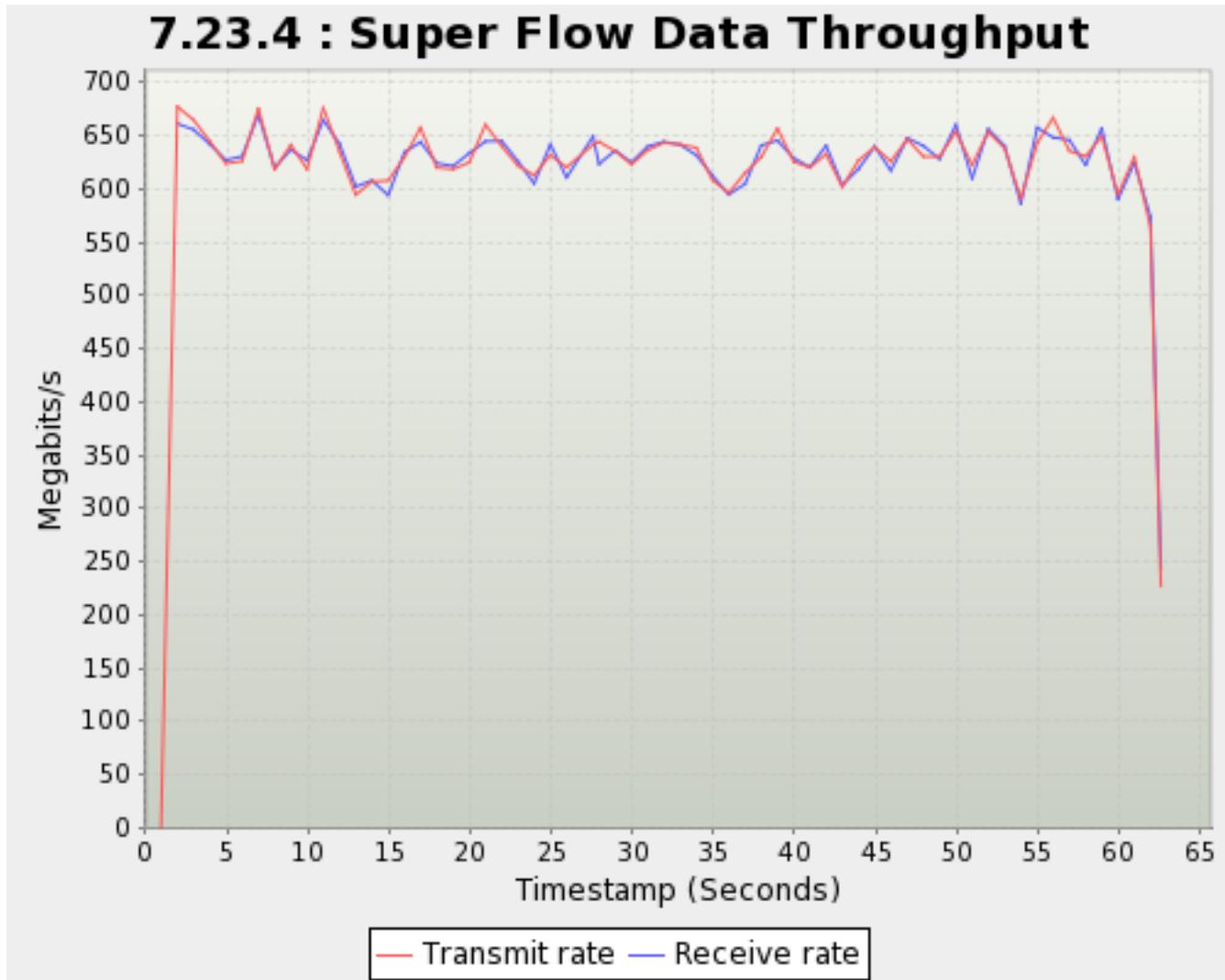
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit frame rate	Receive frame rate
		Frames/s
0.934	1.071	0.00
1.944	~106600	~104100
2.942	~104600	~103200
3.938	~101800	~101500
4.937	~99120	~99260
5.938	~99650	~99780
6.938	~106700	~106900
7.938	~98030	~97740
8.941	~101100	~101000
9.937	~98630	~99680
10.939	~106300	~104300
11.939	~101200	~101900
12.940	~94690	~95720
13.937	~96180	~96040
14.937	~95180	~93430
15.942	~100100	~100500
16.935	~103200	~102500
17.936	~98610	~98110
18.937	~98240	~98840

Timestamp	Transmit frame rate	Receive frame rate
Seconds	Frames/s	
19.935	~99550	~99730
20.935	~103500	~102200
21.939	~101700	~101800
22.936	~98960	~98850
23.937	~96490	~95880
24.939	~100800	~101400
25.935	~97480	~97610
27.569	~102100	~102400
27.938	~101000	~99930
28.936	~100700	~100400
29.936	~98900	~99290
30.940	~101100	~101400
31.938	~102000	~101500
32.946	~101500	~102100
33.935	~100800	~100100
34.938	~96630	~96720
35.939	~94490	~93980
36.946	~96570	~95320
37.941	~100600	~101500
38.937	~103300	~102800
39.947	~99390	~98950
40.937	~98140	~99090
41.937	~100900	~100700
42.936	~95600	~95610
43.937	~98580	~97730
44.935	~101200	~101000
45.933	~98520	~98020
46.946	~102600	~102400
47.940	~100600	~101400
48.935	~99660	~99700
49.940	~103900	~104200
50.942	~97600	~96970
51.934	~103900	~103800
52.942	~101200	~100600
53.944	~93330	~92980
54.950	~103000	~103200
55.934	~104300	~103200
56.936	~101500	~102500
57.941	~99240	~98330
58.933	~103500	~104800
59.934	~93980	~93110
60.940	~99470	~98570
61.936	~89730	~90640
62.580	~37160	~40460
63.581	0.00	0.00

7.23.4. Super Flow Data Throughput



Data Rate shown includes Ethernet overhead.

Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

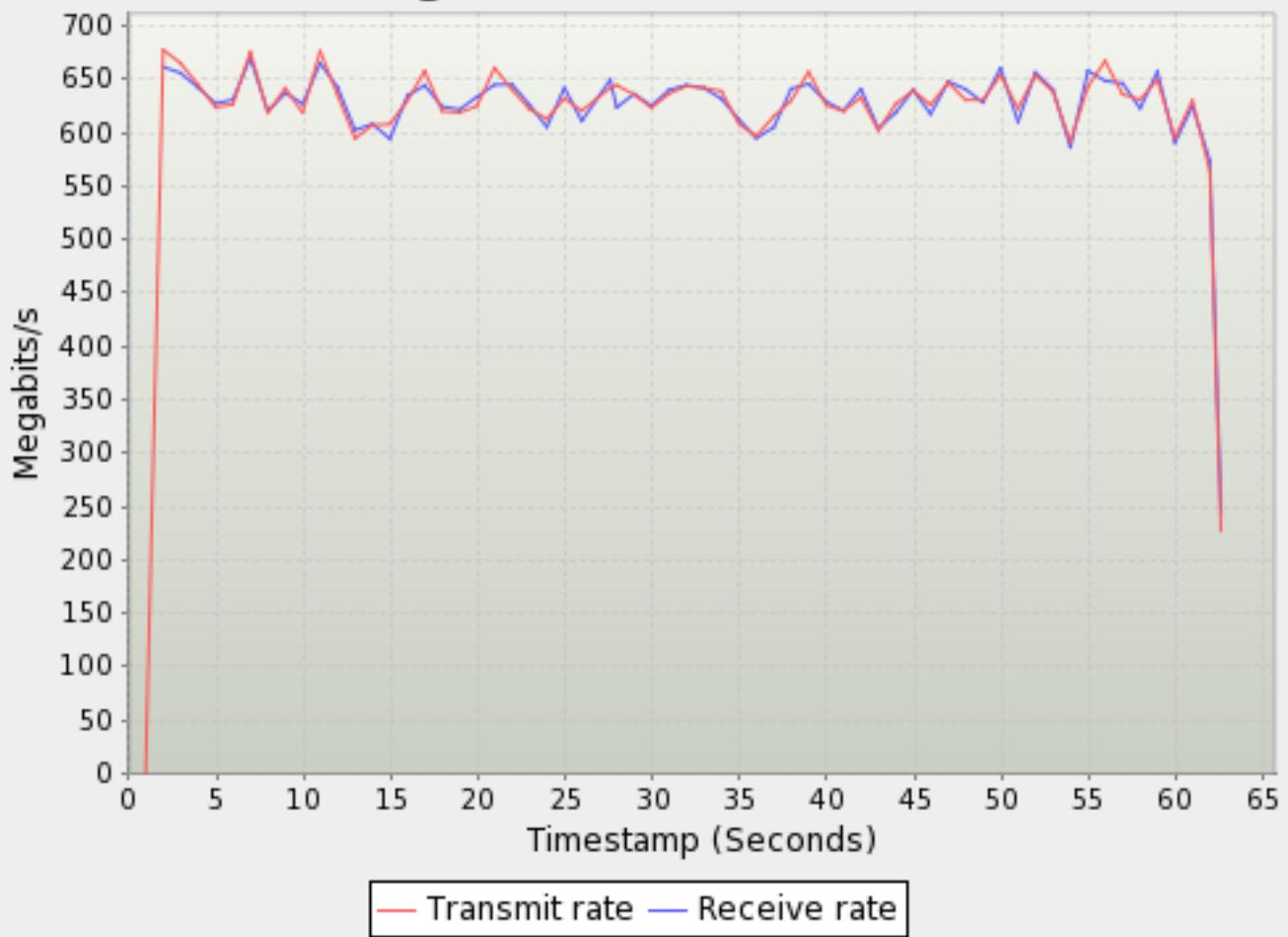
Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
0.934	0.0007709	0.00
1.944	677.7	661.7
2.942	665.2	656.1
3.938	645.1	642.5
4.937	624.2	627.5
5.938	626.6	~631
6.938	675.9	670.2
7.938	618.7	620.2
8.941	641.8	637.3
9.937	~619	627.3
10.939	676.6	665.1
11.939	635.5	642.7
12.940	594.9	602.5
13.937	607.2	608.3
14.937	608.2	594.5
15.942	630.1	634.9
16.935	~658	644.4
17.936	620.4	624.6
18.937	~619	621.9

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
19.935	625.2	633.8
20.935	660.8	645.1
21.939	640.6	645.4
22.936	622.3	626.3
23.937	613.2	605.5
24.939	632.2	642.2
25.935	620.7	611.1
27.569	-642	649.6
27.938	644.7	623.8
28.936	635.9	636.5
29.936	623.5	625.3
30.940	636.8	640.3
31.938	643.7	644.7
32.946	-642	641.9
33.935	639.1	632.1
34.938	608.5	612.7
35.939	596.8	595.1
36.946	615.4	605.2
37.941	630.3	641.3
38.937	-657	645.9
39.947	625.8	629.3
40.937	620.5	620.7
41.937	633.1	-641
42.936	602.3	-604
43.937	627.2	619.2
44.935	639.5	640.2
45.933	626.3	617.6
46.946	647.1	648.1
47.940	630.8	640.8
48.935	630.8	628.5
49.940	-654	660.7
50.942	622.8	610.2
51.934	653.9	656.6
52.942	638.7	640.7
53.944	591.5	586.5
54.950	643.4	658.1
55.934	667.3	648.7
56.936	636.1	646.4
57.941	631.1	622.9
58.933	649.8	657.4
59.934	-595	590.7
60.940	630.4	624.9
61.936	564.5	574.1
62.580	227.3	243.7
63.581	0.00	0.00

7.23.4.1. Super Flow Data Throughput: BreakingPoint Bandwidth HTTP

7.23.4.1 : Super Flow Data Throughput: BreakingPoint Bandwidth HTTP



Data Rate shown includes Ethernet overhead.

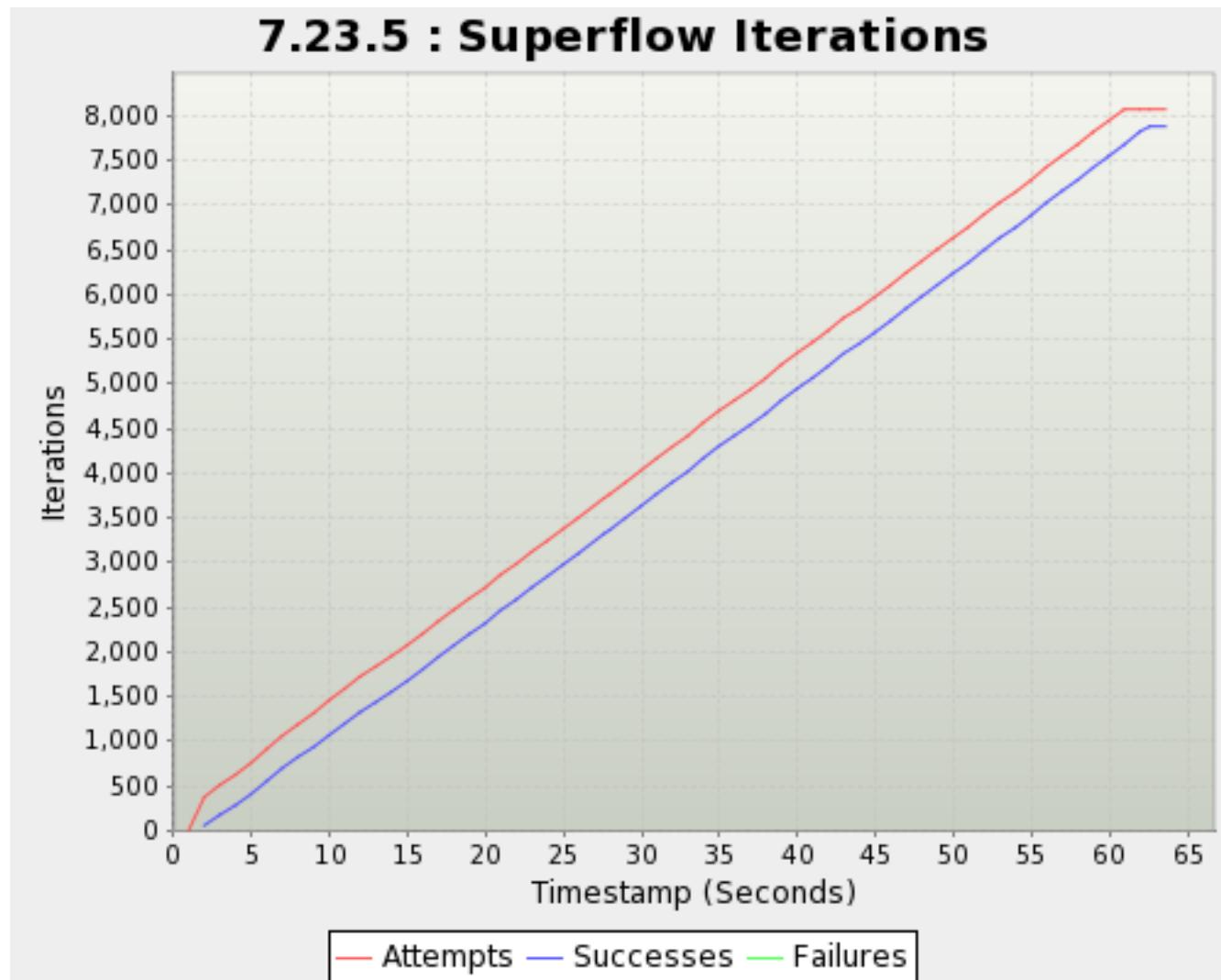
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
0.934	0.0007709	0.00
1.944	677.7	661.7
2.942	665.2	656.1
3.938	645.1	642.5
4.937	624.2	627.5
5.938	626.6	~631
6.938	675.9	670.2
7.938	618.7	620.2
8.941	641.8	637.3
9.937	~619	627.3
10.939	676.6	665.1
11.939	635.5	642.7
12.940	594.9	602.5
13.937	607.2	608.3
14.937	608.2	594.5
15.942	630.1	634.9
16.935	~658	644.4
17.936	620.4	624.6
18.937	~619	621.9

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
19.935	625.2	633.8
20.935	660.8	645.1
21.939	640.6	645.4
22.936	622.3	626.3
23.937	613.2	605.5
24.939	632.2	642.2
25.935	620.7	611.1
27.569	-642	649.6
27.938	644.7	623.8
28.936	635.9	636.5
29.936	623.5	625.3
30.940	636.8	640.3
31.938	643.7	644.7
32.946	-642	641.9
33.935	639.1	632.1
34.938	608.5	612.7
35.939	596.8	595.1
36.946	615.4	605.2
37.941	630.3	641.3
38.937	-657	645.9
39.947	625.8	629.3
40.937	620.5	620.7
41.937	633.1	-641
42.936	602.3	-604
43.937	627.2	619.2
44.935	639.5	640.2
45.933	626.3	617.6
46.946	647.1	648.1
47.940	630.8	640.8
48.935	630.8	628.5
49.940	-654	660.7
50.942	622.8	610.2
51.934	653.9	656.6
52.942	638.7	640.7
53.944	591.5	586.5
54.950	643.4	658.1
55.934	667.3	648.7
56.936	636.1	646.4
57.941	631.1	622.9
58.933	649.8	657.4
59.934	-595	590.7
60.940	630.4	624.9
61.936	564.5	574.1
62.580	227.3	243.7
63.581	0.00	0.00

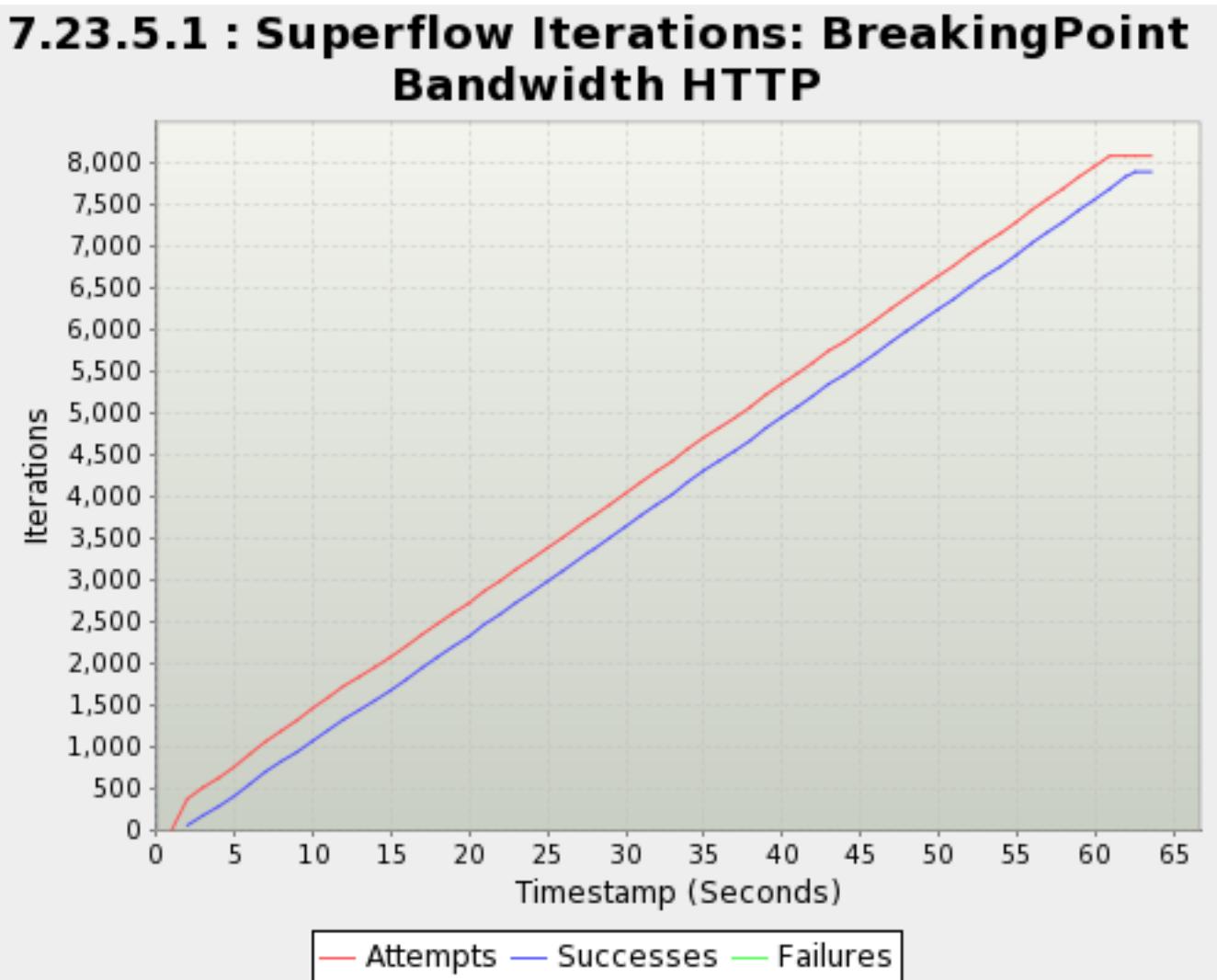
7.23.5. Superflow Iterations



Timestamp Seconds	Attempts	Successes	Failures
0.934	1	0	0
1.944	377	60	0
2.942	513	178	0
3.938	626	285	0
4.937	759	409	0
5.938	913	554	0
6.938	1,062	701	0
7.938	1,189	825	0
8.941	1,314	935	0
9.937	1,459	1,068	0
10.939	1,589	1,198	0
11.939	1,727	1,328	0
12.940	1,838	1,439	0
13.937	1,953	1,554	0
14.937	2,073	1,674	0
15.942	2,204	1,805	0
16.935	2,342	1,943	0
17.936	2,472	2,073	0
18.937	2,599	2,200	0
19.935	2,716	2,317	0
20.935	2,865	2,466	0
21.939	2,984	2,585	0
22.936	3,121	2,722	0
23.937	3,245	2,846	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.939	3,375	2,976	0
25.935	3,502	3,103	0
27.569	3,721	3,322	0
27.938	3,764	3,365	0
28.936	3,895	3,499	0
29.936	4,029	3,631	0
30.940	4,166	3,768	0
31.938	4,295	3,897	0
32.946	4,417	4,018	0
33.935	4,565	4,168	0
34.938	4,698	4,303	0
35.939	4,816	4,421	0
36.946	4,935	4,540	0
37.941	5,064	4,665	0
38.937	5,214	4,815	0
39.947	5,344	4,945	0
40.937	5,464	5,065	0
41.937	5,595	5,197	0
42.936	5,738	5,340	0
43.937	5,844	5,449	0
44.935	5,972	5,574	0
45.933	6,101	5,703	0
46.946	6,243	5,845	0
47.940	6,373	5,975	0
48.935	6,504	6,105	0
49.940	6,631	6,234	0
50.942	6,755	6,356	0
51.934	6,896	6,497	0
52.942	7,028	6,633	0
53.944	7,144	6,747	0
54.950	7,278	6,883	0
55.934	7,424	7,027	0
56.936	7,553	7,157	0
57.941	7,678	7,280	0
58.933	7,817	7,419	0
59.934	7,943	7,546	0
60.940	8,072	7,678	0
61.936	8,072	7,822	0
62.580	8,072	7,881	0
63.581	8,072	7,881	0

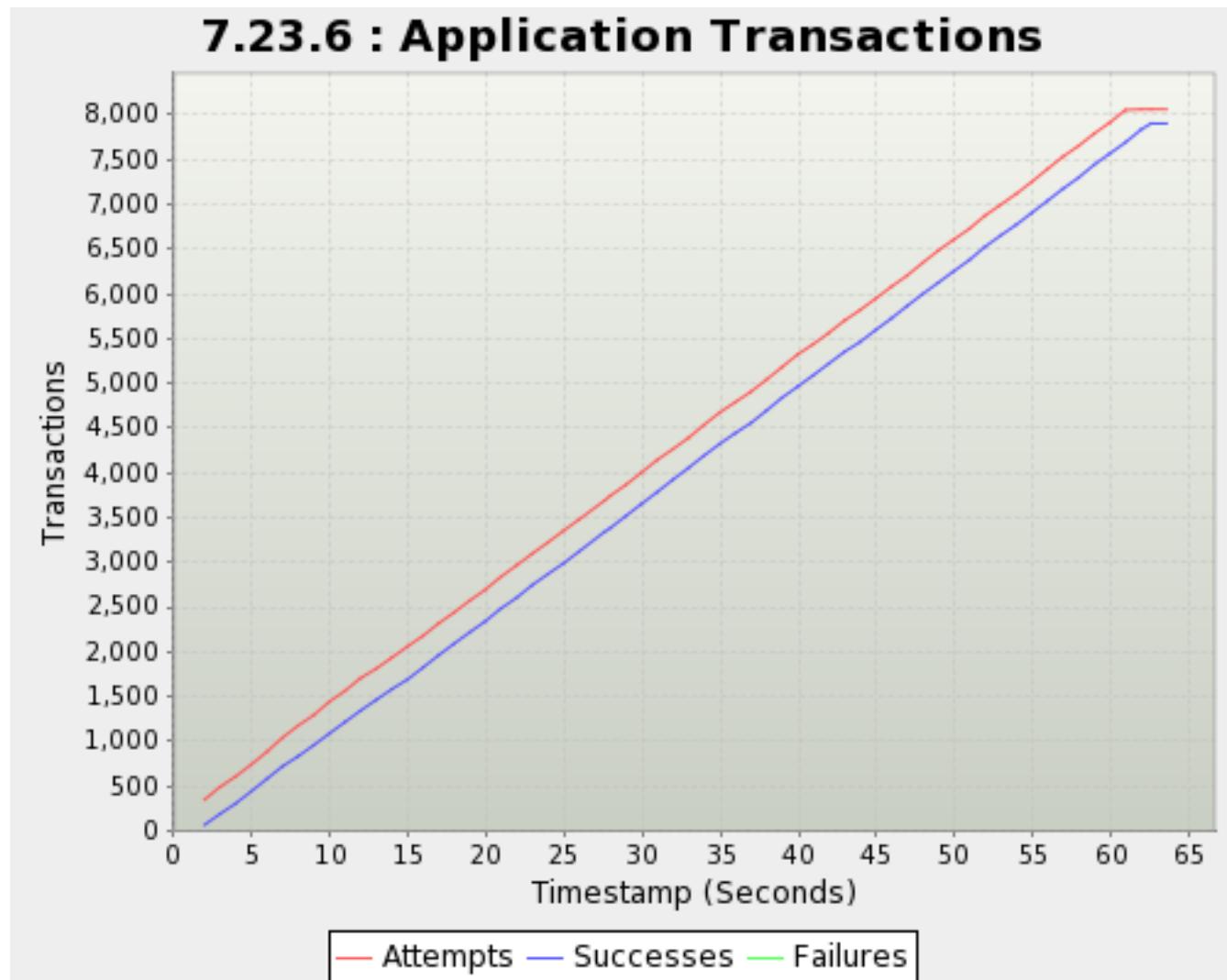
7.23.5.1. Superflow Iterations: BreakingPoint Bandwidth HTTP



Timestamp Seconds	Attempts		Successes		Failures
		Sessions		Sessions	
0.934	1	0	0	0	0
1.944	377	60	0	0	0
2.942	513	178	0	0	0
3.938	626	285	0	0	0
4.937	759	409	0	0	0
5.938	913	554	0	0	0
6.938	1,062	701	0	0	0
7.938	1,189	825	0	0	0
8.941	1,314	935	0	0	0
9.937	1,459	1,068	0	0	0
10.939	1,589	1,198	0	0	0
11.939	1,727	1,328	0	0	0
12.940	1,838	1,439	0	0	0
13.937	1,953	1,554	0	0	0
14.937	2,073	1,674	0	0	0
15.942	2,204	1,805	0	0	0
16.935	2,342	1,943	0	0	0
17.936	2,472	2,073	0	0	0
18.937	2,599	2,200	0	0	0
19.935	2,716	2,317	0	0	0
20.935	2,865	2,466	0	0	0
21.939	2,984	2,585	0	0	0
22.936	3,121	2,722	0	0	0
23.937	3,245	2,846	0	0	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>			
24.939	3,375	2,976	0
25.935	3,502	3,103	0
27.569	3,721	3,322	0
27.938	3,764	3,365	0
28.936	3,895	3,499	0
29.936	4,029	3,631	0
30.940	4,166	3,768	0
31.938	4,295	3,897	0
32.946	4,417	4,018	0
33.935	4,565	4,168	0
34.938	4,698	4,303	0
35.939	4,816	4,421	0
36.946	4,935	4,540	0
37.941	5,064	4,665	0
38.937	5,214	4,815	0
39.947	5,344	4,945	0
40.937	5,464	5,065	0
41.937	5,595	5,197	0
42.936	5,738	5,340	0
43.937	5,844	5,449	0
44.935	5,972	5,574	0
45.933	6,101	5,703	0
46.946	6,243	5,845	0
47.940	6,373	5,975	0
48.935	6,504	6,105	0
49.940	6,631	6,234	0
50.942	6,755	6,356	0
51.934	6,896	6,497	0
52.942	7,028	6,633	0
53.944	7,144	6,747	0
54.950	7,278	6,883	0
55.934	7,424	7,027	0
56.936	7,553	7,157	0
57.941	7,678	7,280	0
58.933	7,817	7,419	0
59.934	7,943	7,546	0
60.940	8,072	7,678	0
61.936	8,072	7,822	0
62.580	8,072	7,881	0
63.581	8,072	7,881	0

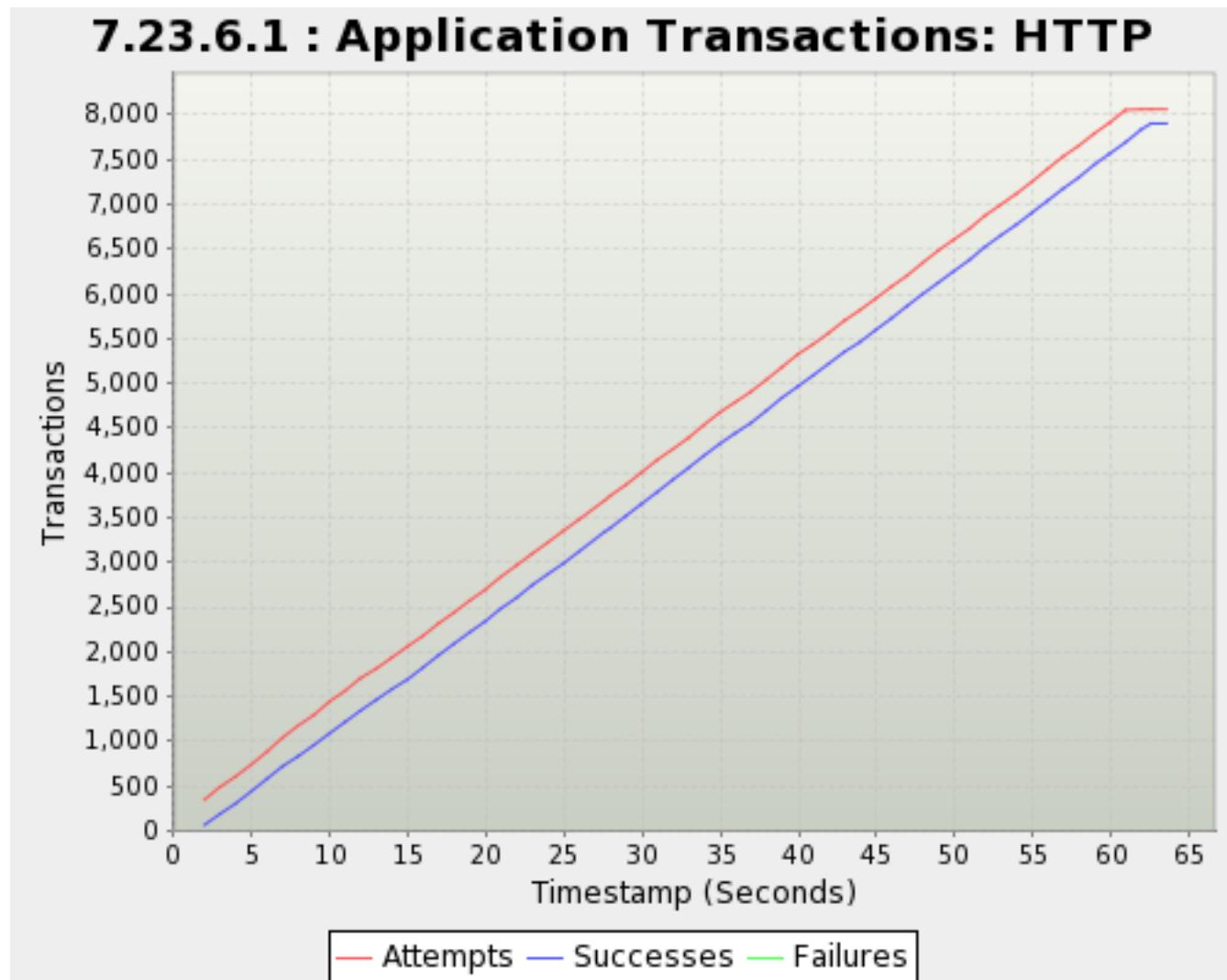
7.23.6. Application Transactions



Timestamp Seconds	Attempts	Successes	Failures
0.934	0	0	0
1.944	346	65	0
2.942	490	188	0
3.938	606	304	0
4.937	739	439	0
5.938	882	579	0
6.938	1,039	719	0
7.938	1,174	831	0
8.941	1,292	956	0
9.937	1,441	1,085	0
10.939	1,562	1,214	0
11.939	1,705	1,342	0
12.940	1,811	1,462	0
13.937	1,933	1,581	0
14.937	2,058	1,689	0
15.942	2,178	1,824	0
16.935	2,316	1,960	0
17.936	2,440	2,091	0
18.937	2,572	2,218	0
19.935	2,694	2,341	0
20.935	2,839	2,484	0
21.939	2,966	2,604	0
22.936	3,096	2,745	0
23.937	3,222	2,868	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>		<i>Transactions</i>	
24.939	3,352	2,988	0
25.935	3,478	3,120	0
27.569	3,690	3,340	0
27.938	3,743	3,382	0
28.936	3,866	3,518	0
29.936	4,003	3,652	0
30.940	4,144	3,785	0
31.938	4,264	3,922	0
32.946	4,390	4,055	0
33.935	4,535	4,191	0
34.938	4,673	4,323	0
35.939	4,789	4,443	0
36.946	4,907	4,557	0
37.941	5,041	4,695	0
38.937	5,182	4,839	0
39.947	5,324	4,965	0
40.937	5,437	5,090	0
41.937	5,564	5,221	0
42.936	5,701	5,352	0
43.937	5,819	5,462	0
44.935	5,947	5,596	0
45.933	6,079	5,724	0
46.946	6,204	5,864	0
47.940	6,346	5,997	0
48.935	6,483	6,124	0
49.940	6,607	6,253	0
50.942	6,728	6,379	0
51.934	6,874	6,525	0
52.942	6,996	6,652	0
53.944	7,118	6,773	0
54.950	7,254	6,907	0
55.934	7,394	7,039	0
56.936	7,534	7,175	0
57.941	7,655	7,300	0
58.933	7,791	7,443	0
59.934	7,915	7,568	0
60.940	8,056	7,693	0
61.936	8,063	7,836	0
62.580	8,063	7,905	0
63.581	8,063	7,905	0

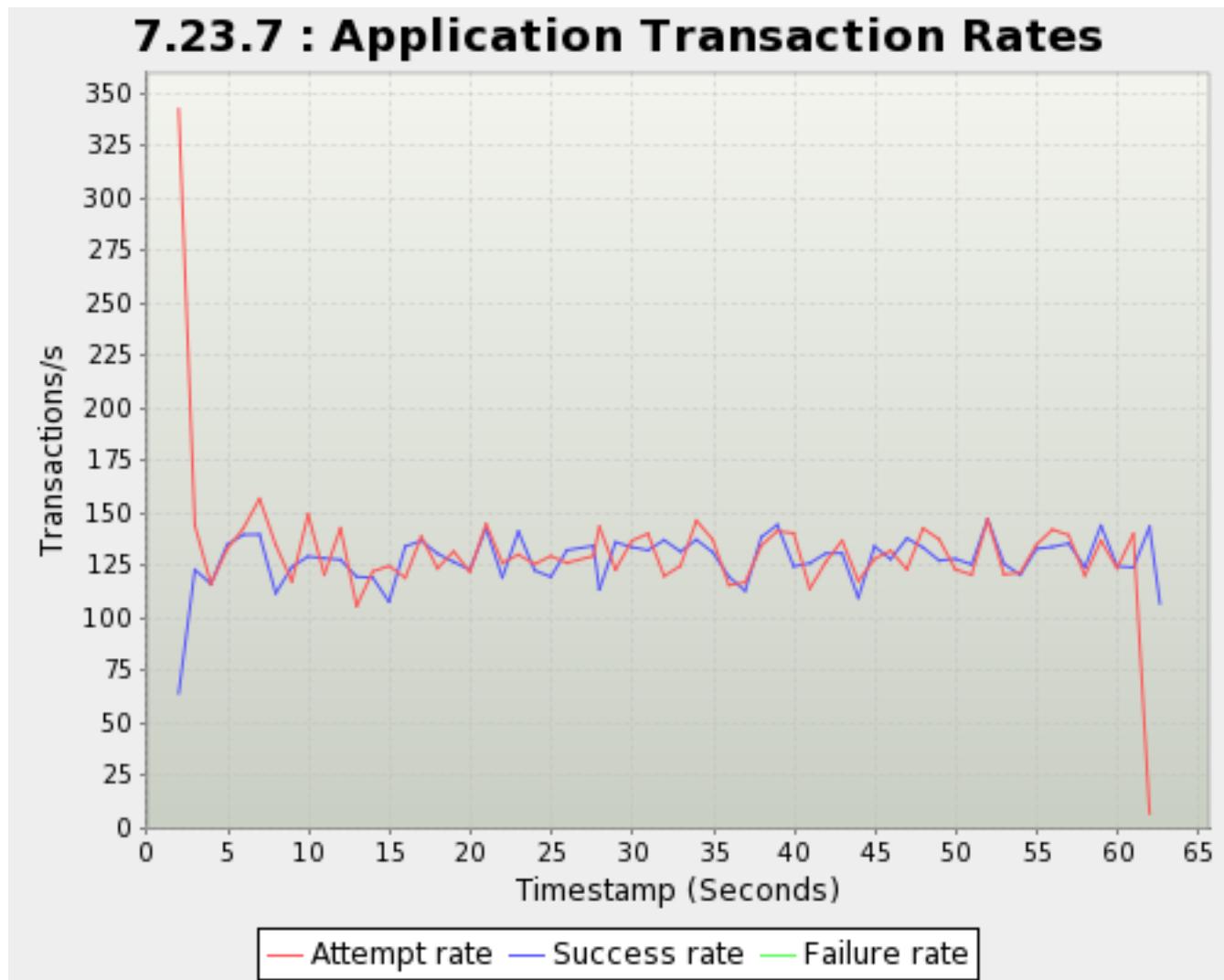
7.23.6.1. Application Transactions: HTTP



Timestamp Seconds	Attempts	Successes	Failures
0.934	0	0	0
1.944	346	65	0
2.942	490	188	0
3.938	606	304	0
4.937	739	439	0
5.938	882	579	0
6.938	1,039	719	0
7.938	1,174	831	0
8.941	1,292	956	0
9.937	1,441	1,085	0
10.939	1,562	1,214	0
11.939	1,705	1,342	0
12.940	1,811	1,462	0
13.937	1,933	1,581	0
14.937	2,058	1,689	0
15.942	2,178	1,824	0
16.935	2,316	1,960	0
17.936	2,440	2,091	0
18.937	2,572	2,218	0
19.935	2,694	2,341	0
20.935	2,839	2,484	0
21.939	2,966	2,604	0
22.936	3,096	2,745	0
23.937	3,222	2,868	0

Timestamp	Attempts	Successes	Failures
<i>Seconds</i>		<i>Transactions</i>	
24.939	3,352	2,988	0
25.935	3,478	3,120	0
27.569	3,690	3,340	0
27.938	3,743	3,382	0
28.936	3,866	3,518	0
29.936	4,003	3,652	0
30.940	4,144	3,785	0
31.938	4,264	3,922	0
32.946	4,390	4,055	0
33.935	4,535	4,191	0
34.938	4,673	4,323	0
35.939	4,789	4,443	0
36.946	4,907	4,557	0
37.941	5,041	4,695	0
38.937	5,182	4,839	0
39.947	5,324	4,965	0
40.937	5,437	5,090	0
41.937	5,564	5,221	0
42.936	5,701	5,352	0
43.937	5,819	5,462	0
44.935	5,947	5,596	0
45.933	6,079	5,724	0
46.946	6,204	5,864	0
47.940	6,346	5,997	0
48.935	6,483	6,124	0
49.940	6,607	6,253	0
50.942	6,728	6,379	0
51.934	6,874	6,525	0
52.942	6,996	6,652	0
53.944	7,118	6,773	0
54.950	7,254	6,907	0
55.934	7,394	7,039	0
56.936	7,534	7,175	0
57.941	7,655	7,300	0
58.933	7,791	7,443	0
59.934	7,915	7,568	0
60.940	8,056	7,693	0
61.936	8,063	7,836	0
62.580	8,063	7,905	0
63.581	8,063	7,905	0

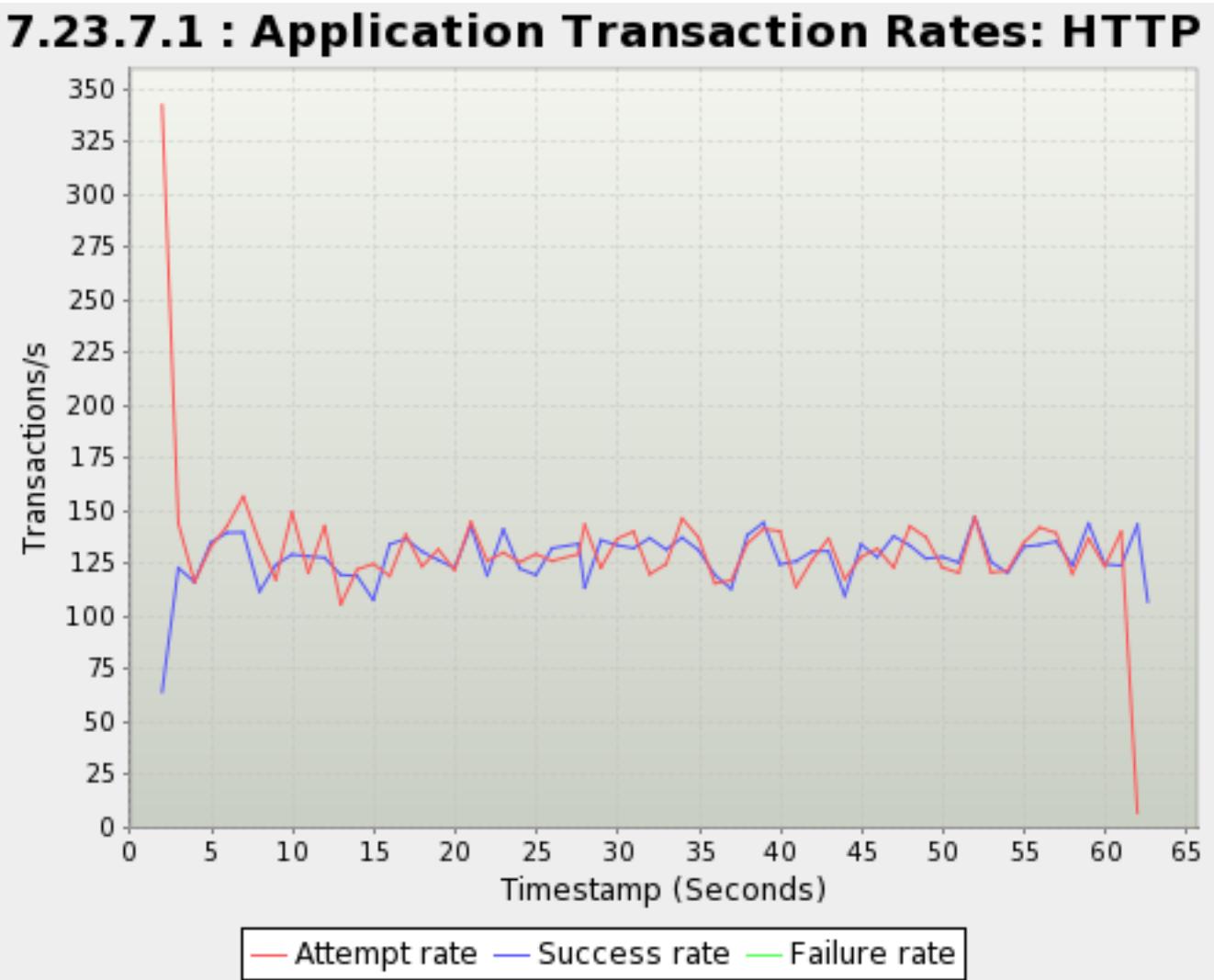
7.23.7. Application Transaction Rates



Timestamp Seconds	Attempt rate		Failure rate
	Transactions/s	Transactions/s	
0.934	0.00	0.00	0.00
1.944	342.6	64.36	0.00
2.942	144.3	123.2	0.00
3.938	116.5	116.5	0.00
4.937	133.1	135.1	0.00
5.938	142.9	139.9	0.00
6.938	157	140	0.00
7.938	135	112	0.00
8.941	117.6	124.6	0.00
9.937	149.6	129.5	0.00
10.939	120.8	128.7	0.00
11.939	143	128	0.00
12.940	105.9	119.9	0.00
13.937	122.4	119.4	0.00
14.937	125	108	0.00
15.942	119.4	134.3	0.00
16.935	~139	~137	0.00
17.936	123.9	130.9	0.00
18.937	131.9	126.9	0.00
19.935	122.2	123.2	0.00
20.935	145	143	0.00
21.939	126.5	119.5	0.00
22.936	130.4	141.4	0.00
23.937	125.9	122.9	0.00

Timestamp	Attempt rate	Success rate	Failure rate
Seconds		Transactions/s	
24.939	129.7	119.8	0.00
25.935	126.5	132.5	0.00
27.569	129.7	134.6	0.00
27.938	143.6	113.8	0.00
28.936	123.2	136.3	0.00
29.936	137	134	0.00
30.940	140.4	132.5	0.00
31.938	120.2	137.3	0.00
32.946	125	131.9	0.00
33.935	146.6	137.5	0.00
34.938	137.6	131.6	0.00
35.939	115.9	119.9	0.00
36.946	117.2	113.2	0.00
37.941	134.7	138.7	0.00
38.937	141.6	144.6	0.00
39.947	140.6	124.8	0.00
40.937	114.1	126.3	0.00
41.937	127	131	0.00
42.936	137.1	131.1	0.00
43.937	117.9	109.9	0.00
44.935	128.3	134.3	0.00
45.933	132.3	128.3	0.00
46.946	123.4	138.2	0.00
47.940	142.9	133.8	0.00
48.935	137.7	127.6	0.00
49.940	123.4	128.4	0.00
50.942	120.8	125.7	0.00
51.934	147.2	147.2	0.00
52.942	~121	~126	0.00
53.944	121.8	120.8	0.00
54.950	135.2	133.2	0.00
55.934	142.3	134.1	0.00
56.936	139.7	135.7	0.00
57.941	120.4	124.4	0.00
58.933	137.1	144.2	0.00
59.934	123.9	124.9	0.00
60.940	140.2	124.3	0.00
61.936	7.028	143.6	0.00
62.580	0.00	107.1	0.00
63.581	0.00	0.00	0.00

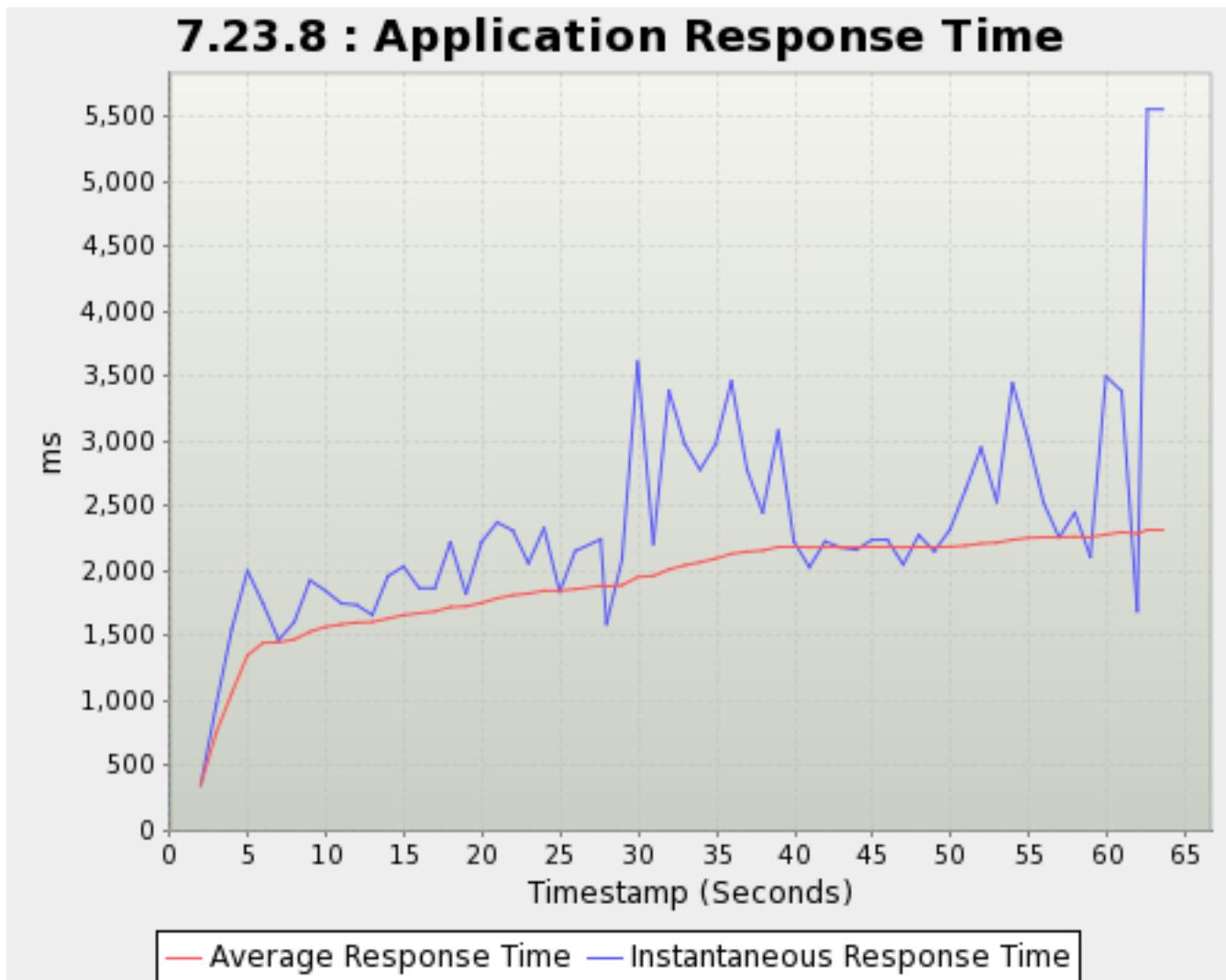
7.23.7.1. Application Transaction Rates: HTTP



Timestamp Seconds	Attempt rate		Failure rate
		Transactions/s	
0.934	0.00	0.00	0.00
1.944	342.6	64.36	0.00
2.942	144.3	123.2	0.00
3.938	116.5	116.5	0.00
4.937	133.1	135.1	0.00
5.938	142.9	139.9	0.00
6.938	157	140	0.00
7.938	135	112	0.00
8.941	117.6	124.6	0.00
9.937	149.6	129.5	0.00
10.939	120.8	128.7	0.00
11.939	143	128	0.00
12.940	105.9	119.9	0.00
13.937	122.4	119.4	0.00
14.937	125	108	0.00
15.942	119.4	134.3	0.00
16.935	~139	~137	0.00
17.936	123.9	130.9	0.00
18.937	131.9	126.9	0.00
19.935	122.2	123.2	0.00
20.935	145	143	0.00
21.939	126.5	119.5	0.00
22.936	130.4	141.4	0.00
23.937	125.9	122.9	0.00

Timestamp	Attempt rate	Success rate	Failure rate
Seconds		Transactions/s	
24.939	129.7	119.8	0.00
25.935	126.5	132.5	0.00
27.569	129.7	134.6	0.00
27.938	143.6	113.8	0.00
28.936	123.2	136.3	0.00
29.936	137	134	0.00
30.940	140.4	132.5	0.00
31.938	120.2	137.3	0.00
32.946	125	131.9	0.00
33.935	146.6	137.5	0.00
34.938	137.6	131.6	0.00
35.939	115.9	119.9	0.00
36.946	117.2	113.2	0.00
37.941	134.7	138.7	0.00
38.937	141.6	144.6	0.00
39.947	140.6	124.8	0.00
40.937	114.1	126.3	0.00
41.937	127	131	0.00
42.936	137.1	131.1	0.00
43.937	117.9	109.9	0.00
44.935	128.3	134.3	0.00
45.933	132.3	128.3	0.00
46.946	123.4	138.2	0.00
47.940	142.9	133.8	0.00
48.935	137.7	127.6	0.00
49.940	123.4	128.4	0.00
50.942	120.8	125.7	0.00
51.934	147.2	147.2	0.00
52.942	~121	~126	0.00
53.944	121.8	120.8	0.00
54.950	135.2	133.2	0.00
55.934	142.3	134.1	0.00
56.936	139.7	135.7	0.00
57.941	120.4	124.4	0.00
58.933	137.1	144.2	0.00
59.934	123.9	124.9	0.00
60.940	140.2	124.3	0.00
61.936	7.028	143.6	0.00
62.580	0.00	107.1	0.00
63.581	0.00	0.00	0.00

7.23.8. Application Response Time

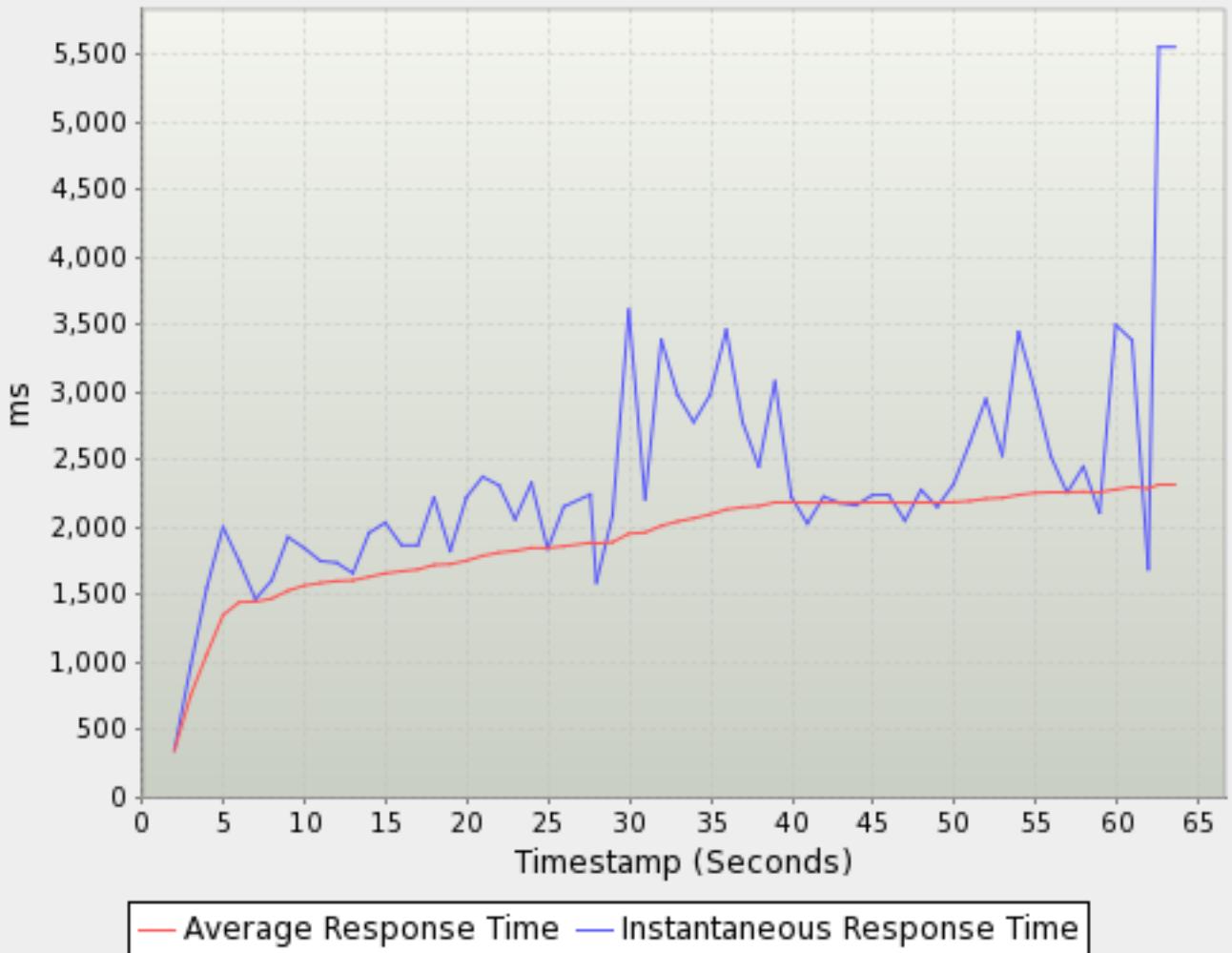


Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
0.934	0.0000	0.0000
1.944	350.6154	350.6154
2.942	757.8883	973.1138
3.938	1,062.4803	1,556.1293
4.937	1,352.4077	2,005.2815
5.938	1,448.5613	1,750.0714
6.938	1,452.9652	1,471.1786
7.938	1,474.1336	1,610.0268
8.941	1,533.7866	1,930.3600
9.937	1,571.4645	1,850.6899
10.939	1,590.8147	1,753.5659
11.939	1,605.1140	1,740.7344
12.940	1,609.9207	1,663.6750
13.937	1,636.4668	1,962.6050
14.937	1,662.0947	2,037.2593
15.942	1,677.4929	1,870.1407
16.935	1,690.8582	1,870.1103
17.936	1,724.2463	2,223.7939
18.937	1,730.1718	1,827.7323
19.935	1,756.2106	2,225.7561
20.935	1,791.9614	2,377.2238
21.939	1,816.0326	2,314.3083
22.936	1,828.6772	2,062.1986
23.937	1,850.3110	2,333.1138

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
24.939	1,849.9926	1,842.3833
25.935	1,862.9542	2,156.3561
27.569	1,888.2108	2,246.3955
27.938	1,884.5597	1,594.2143
28.936	1,892.5654	2,091.6471
29.936	1,955.7330	3,614.1194
30.940	1,964.7321	2,211.8346
31.938	2,014.6451	3,393.6277
32.946	2,046.4350	2,983.8797
33.935	2,070.3126	2,782.2500
34.938	2,098.1788	2,982.9318
35.939	2,135.1240	3,466.0750
36.946	2,151.2802	2,780.9474
37.941	2,160.1902	2,454.4130
38.937	2,187.6483	3,082.8958
39.947	2,188.7208	2,229.9127
40.937	2,184.8574	2,031.4000
41.937	2,185.9916	2,230.0611
42.936	2,185.9430	2,184.0076
43.937	2,185.5436	2,166.1091
44.935	2,186.8881	2,241.6940
45.933	2,188.1536	2,243.4766
46.946	2,184.9052	2,052.0929
47.940	2,187.0205	2,280.2857
48.935	2,186.3512	2,154.7480
49.940	2,189.1482	2,321.9302
50.942	2,197.8489	2,629.6349
51.934	2,214.7464	2,953.0274
52.942	2,220.8621	2,535.0787
53.944	2,242.8470	3,451.4711
54.950	2,257.8875	3,018.1045
55.934	2,262.9994	2,530.4848
56.936	2,262.9332	2,259.5074
57.941	2,266.1890	2,453.0720
58.933	2,263.2244	2,111.8811
59.934	2,283.6966	3,502.6960
60.940	2,301.6684	3,389.7520
61.936	2,290.5539	1,692.6224
62.580	2,319.1021	5,561.1884
63.581	2,319.1021	5,561.1884

7.23.8.1. Application Response Time: HTTP

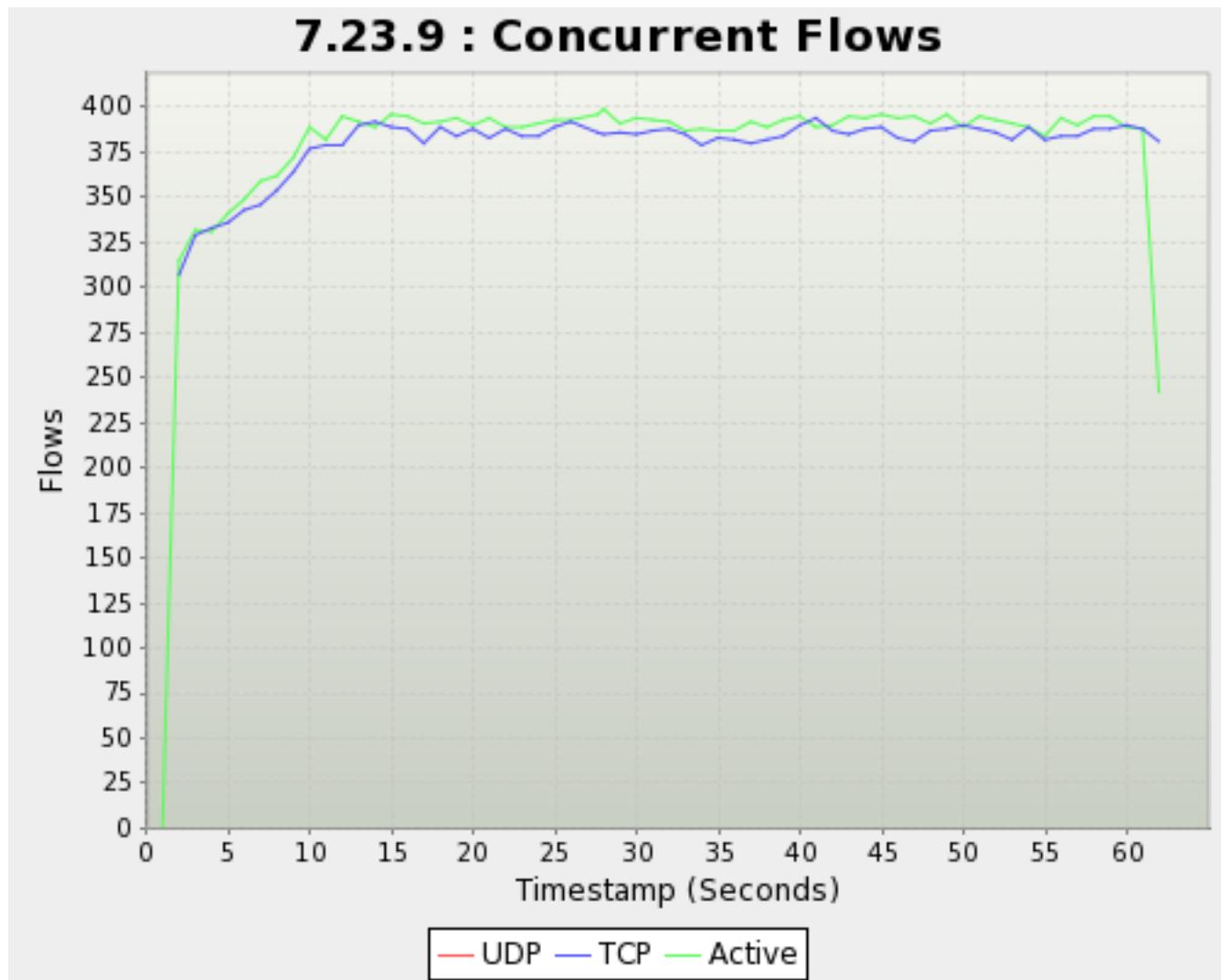
7.23.8.1 : Application Response Time: HTTP



Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
0.934	0.0000	0.0000
1.944	350.6154	350.6154
2.942	757.8883	973.1138
3.938	1,062.4803	1,556.1293
4.937	1,352.4077	2,005.2815
5.938	1,448.5613	1,750.0714
6.938	1,452.9652	1,471.1786
7.938	1,474.1336	1,610.0268
8.941	1,533.7866	1,930.3600
9.937	1,571.4645	1,850.6899
10.939	1,590.8147	1,753.5659
11.939	1,605.1140	1,740.7344
12.940	1,609.9207	1,663.6750
13.937	1,636.4668	1,962.6050
14.937	1,662.0947	2,037.2593
15.942	1,677.4929	1,870.1407
16.935	1,690.8582	1,870.1103
17.936	1,724.2463	2,223.7939
18.937	1,730.1718	1,827.7323
19.935	1,756.2106	2,225.7561
20.935	1,791.9614	2,377.2238
21.939	1,816.0326	2,314.3083
22.936	1,828.6772	2,062.1986
23.937	1,850.3110	2,333.1138

Timestamp	Average Response Time	Instantaneous Response Time
Seconds	Milliseconds	
24.939	1,849.9926	1,842.3833
25.935	1,862.9542	2,156.3561
27.569	1,888.2108	2,246.3955
27.938	1,884.5597	1,594.2143
28.936	1,892.5654	2,091.6471
29.936	1,955.7330	3,614.1194
30.940	1,964.7321	2,211.8346
31.938	2,014.6451	3,393.6277
32.946	2,046.4350	2,983.8797
33.935	2,070.3126	2,782.2500
34.938	2,098.1788	2,982.9318
35.939	2,135.1240	3,466.0750
36.946	2,151.2802	2,780.9474
37.941	2,160.1902	2,454.4130
38.937	2,187.6483	3,082.8958
39.947	2,188.7208	2,229.9127
40.937	2,184.8574	2,031.4000
41.937	2,185.9916	2,230.0611
42.936	2,185.9430	2,184.0076
43.937	2,185.5436	2,166.1091
44.935	2,186.8881	2,241.6940
45.933	2,188.1536	2,243.4766
46.946	2,184.9052	2,052.0929
47.940	2,187.0205	2,280.2857
48.935	2,186.3512	2,154.7480
49.940	2,189.1482	2,321.9302
50.942	2,197.8489	2,629.6349
51.934	2,214.7464	2,953.0274
52.942	2,220.8621	2,535.0787
53.944	2,242.8470	3,451.4711
54.950	2,257.8875	3,018.1045
55.934	2,262.9994	2,530.4848
56.936	2,262.9332	2,259.5074
57.941	2,266.1890	2,453.0720
58.933	2,263.2244	2,111.8811
59.934	2,283.6966	3,502.6960
60.940	2,301.6684	3,389.7520
61.936	2,290.5539	1,692.6224
62.580	2,319.1021	5,561.1884
63.581	2,319.1021	5,561.1884

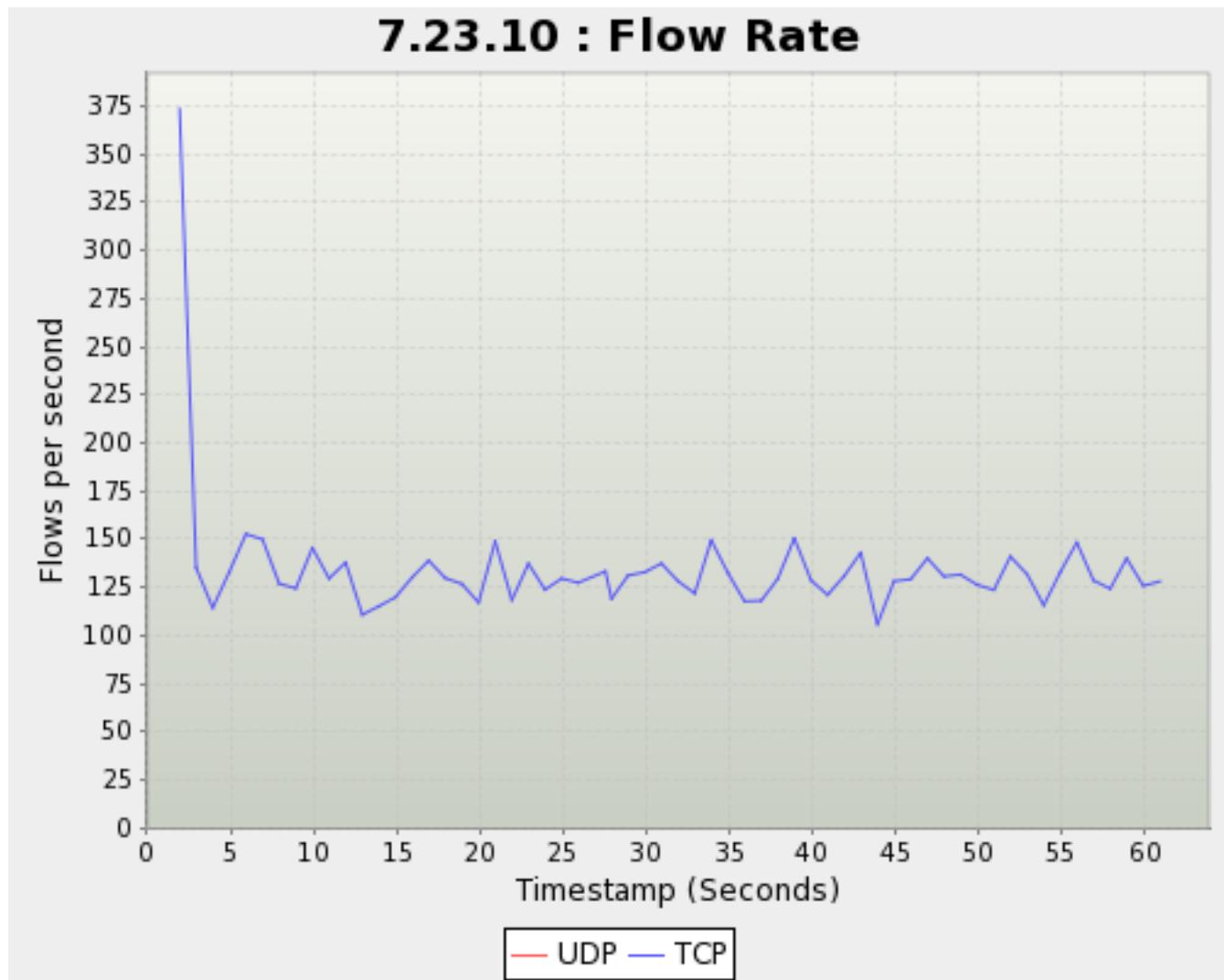
7.23.9. Concurrent Flows



Timestamp	UDP	TCP	Active
Seconds			Flows
0.934	0	0	1
1.944	0	307	315
2.942	0	329	332
3.938	0	333	331
4.937	0	336	341
5.938	0	343	349
6.938	0	346	359
7.938	0	354	362
8.941	0	364	372
9.937	0	377	389
10.939	0	379	382
11.939	0	379	395
12.940	0	390	392
13.937	0	392	389
14.937	0	389	396
15.942	0	388	395
16.935	0	380	391
17.936	0	389	392
18.937	0	384	394
19.935	0	388	390
20.935	0	383	394
21.939	0	388	389
22.936	0	384	389
23.937	0	384	391

Timestamp	UDP	TCP	Active
Seconds			
24.939	0	389	393
25.935	0	392	393
27.569	0	386	396
27.938	0	385	399
28.936	0	386	391
29.936	0	385	394
30.940	0	387	393
31.938	0	388	392
32.946	0	385	387
33.935	0	379	388
34.938	0	383	387
35.939	0	382	387
36.946	0	380	392
37.941	0	382	389
38.937	0	384	393
39.947	0	390	395
40.937	0	394	389
41.937	0	387	390
42.936	0	385	395
43.937	0	388	394
44.935	0	389	396
45.933	0	383	394
46.946	0	381	395
47.940	0	387	391
48.935	0	388	396
49.940	0	390	389
50.942	0	388	395
51.934	0	386	393
52.942	0	382	391
53.944	0	389	389
54.950	0	382	384
55.934	0	384	394
56.936	0	384	390
57.941	0	388	395
58.933	0	388	395
59.934	0	390	389
60.940	0	388	388
61.936	0	381	242
62.580	0	0	0
63.581	0	0	0

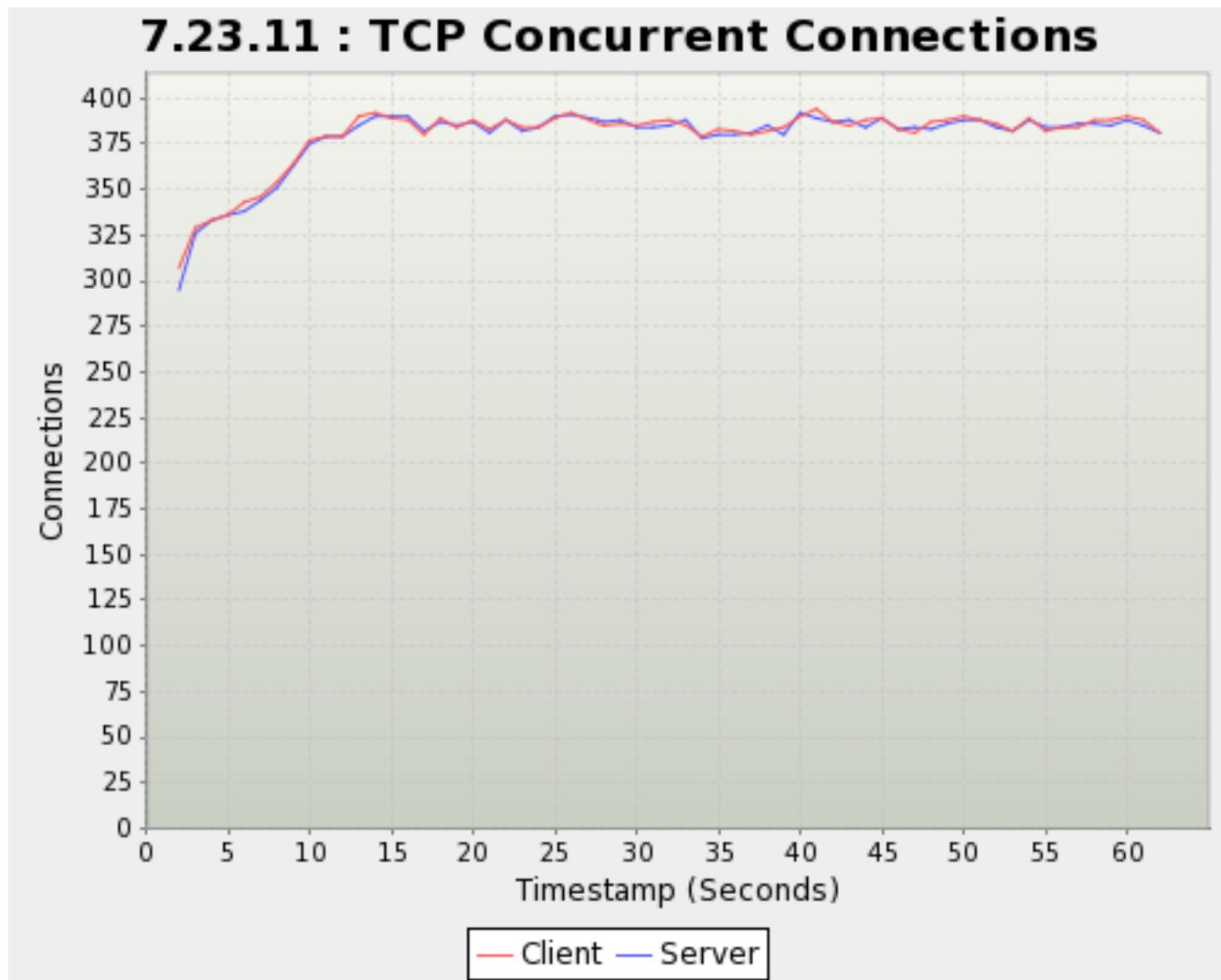
7.23.10. Flow Rate



Timestamp	UDP Seconds	TCP Flows/s
0.934	0	0
1.944	0	373.3
2.942	0	135.3
3.938	0	114.5
4.937	0	133.1
5.938	0	152.8
6.938	0	150
7.938	0	127
8.941	0	124.6
9.937	0	145.6
10.939	0	129.7
11.939	0	138
12.940	0	110.9
13.937	0	115.3
14.937	0	120
15.942	0	130.3
16.935	0	~139
17.936	0	129.9
18.937	0	126.9
19.935	0	117.2
20.935	0	149
21.939	0	118.5
22.936	0	137.4
23.937	0	123.9

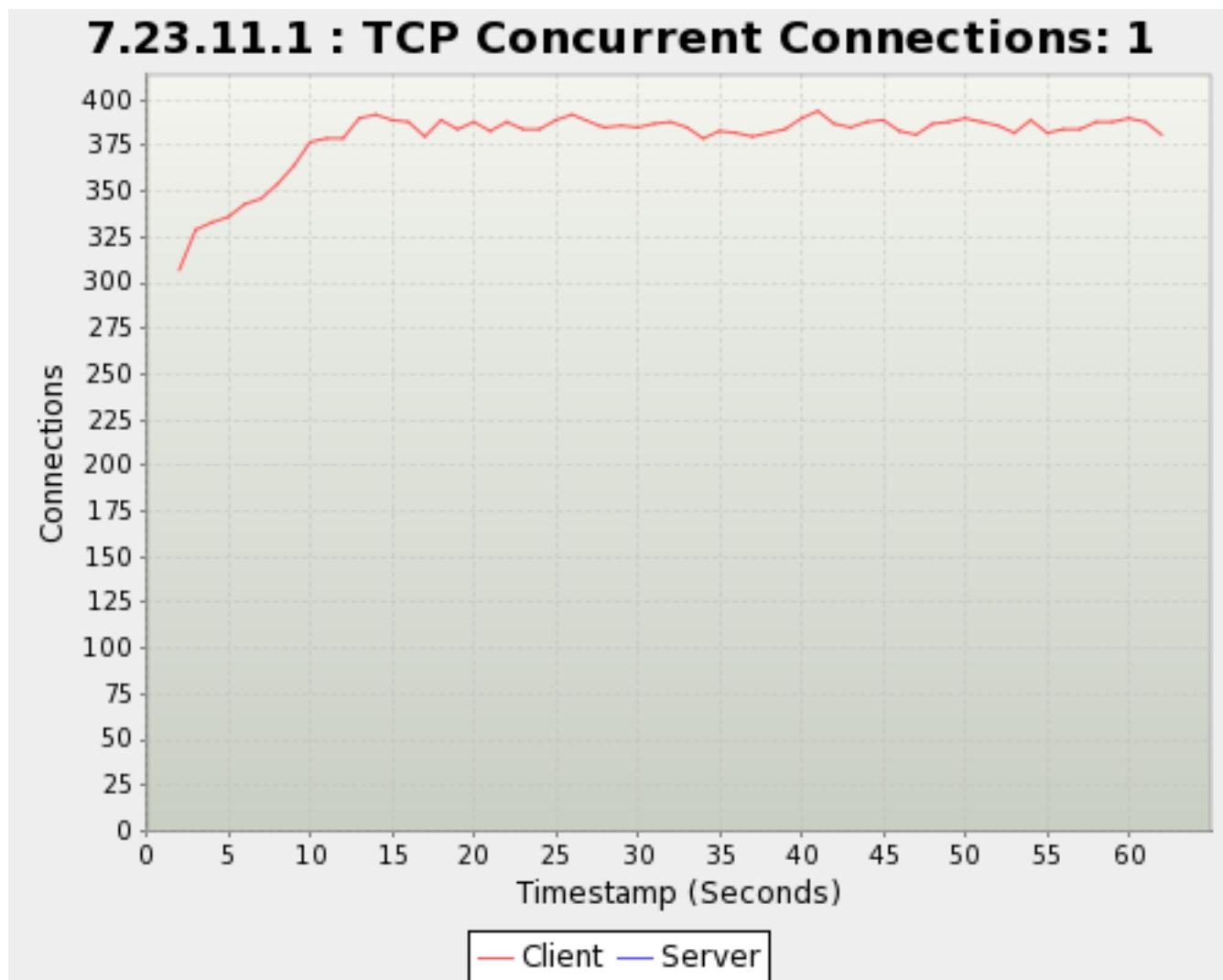
Timestamp	UDP	TCP
	<i>Seconds</i>	<i>Flows/s</i>
24.939	0	129.7
25.935	0	127.5
27.569	0	133.4
27.938	0	119.2
28.936	0	131.3
29.936	0	133
30.940	0	137.5
31.938	0	128.3
32.946	0	~122
33.935	0	149.6
34.938	0	132.6
35.939	0	117.9
36.946	0	118.2
37.941	0	129.6
38.937	0	150.6
39.947	0	128.7
40.937	0	121.2
41.937	0	131
42.936	0	143.1
43.937	0	105.9
44.935	0	128.3
45.933	0	129.3
46.946	0	140.2
47.940	0	130.8
48.935	0	131.7
49.940	0	126.4
50.942	0	123.8
51.934	0	141.1
52.942	0	131.9
53.944	0	115.8
54.950	0	133.2
55.934	0	148.4
56.936	0	128.7
57.941	0	124.4
58.933	0	140.1
59.934	0	125.9
60.940	0	128.2
61.936	0	0
62.580	0	0
63.581	0	0

7.23.11. TCP Concurrent Connections



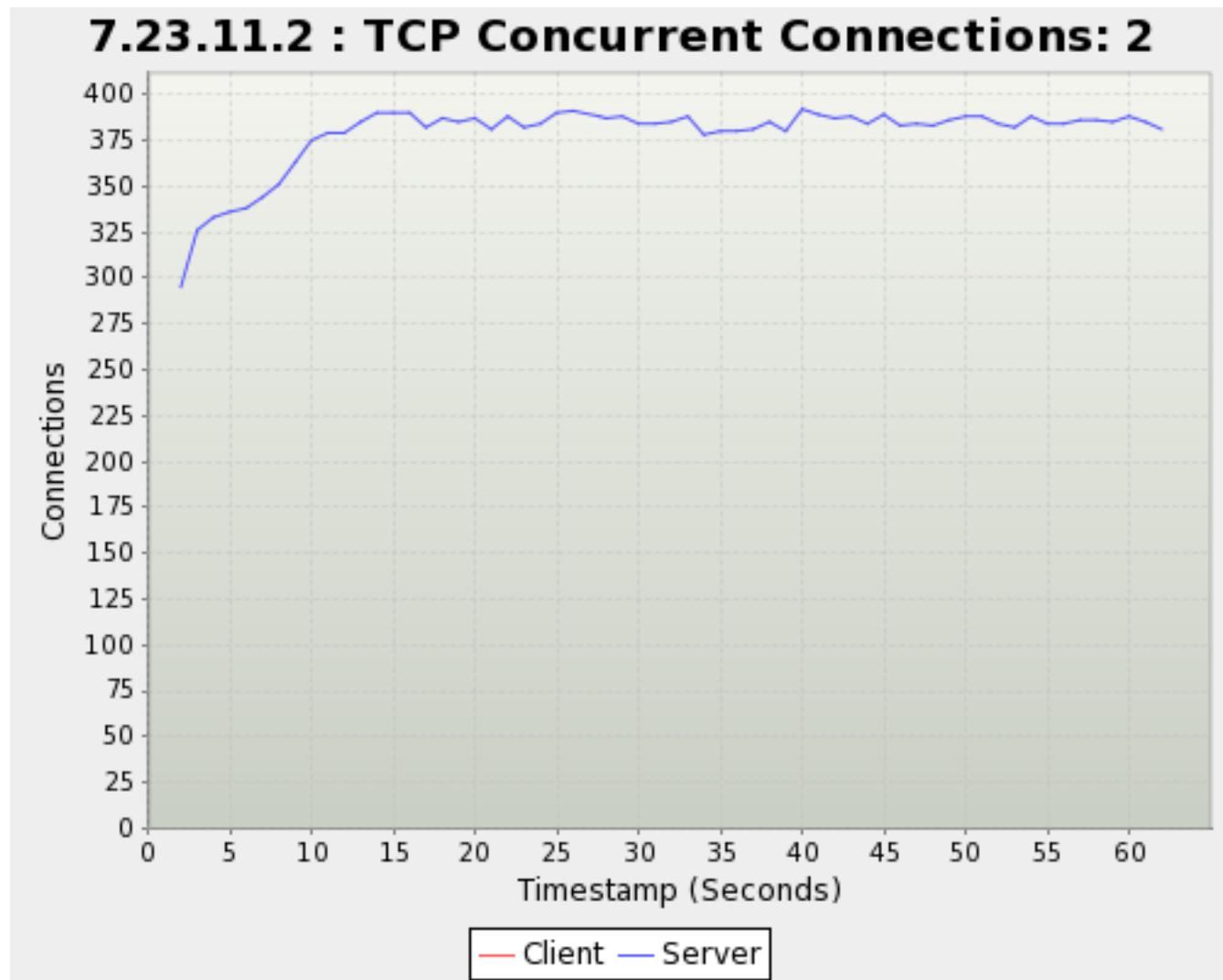
Timestamp Seconds	Client	Server	TCP Sessions
1.944	307	295	
2.942	329	326	
3.938	333	333	
4.937	336	336	
5.938	343	338	
6.938	346	344	
7.938	354	351	
8.941	364	363	
9.937	377	375	
10.939	379	379	
11.939	379	379	
12.940	390	385	
13.937	392	390	
14.937	389	390	
15.942	388	390	
16.935	380	382	
17.936	389	387	
18.937	384	385	
19.935	388	387	
20.935	383	381	
21.939	388	388	
22.936	384	382	
23.937	384	384	
24.939	389	390	

Timestamp	Client	Server
Seconds	TCP Sessions	
25.935	392	391
27.569	386	388
27.938	385	387
28.936	386	388
29.936	385	384
30.940	387	384
31.938	388	385
32.946	385	388
33.935	379	378
34.938	383	380
35.939	382	380
36.946	380	381
37.941	382	385
38.937	384	380
39.947	390	392
40.937	394	389
41.937	387	387
42.936	385	388
43.937	388	384
44.935	389	389
45.933	383	383
46.946	381	384
47.940	387	383
48.935	388	386
49.940	390	388
50.942	388	388
51.934	386	384
52.942	382	382
53.944	389	388
54.950	382	384
55.934	384	384
56.936	384	386
57.941	388	386
58.933	388	385
59.934	390	388
60.940	388	385
61.936	381	381
62.580	0	0
63.581	0	0

7.23.11.1. TCP Concurrent Connections: 1

Timestamp	Seconds	TCP Sessions	
		Client	Server
1.944	307		0
2.942	329		0
3.938	333		0
4.937	336		0
5.938	343		0
6.938	346		0
7.938	354		0
8.941	364		0
9.937	377		0
10.939	379		0
11.939	379		0
12.940	390		0
13.937	392		0
14.937	389		0
15.942	388		0
16.935	380		0
17.936	389		0
18.937	384		0
19.935	388		0
20.935	383		0
21.939	388		0
22.936	384		0
23.937	384		0
24.939	389		0

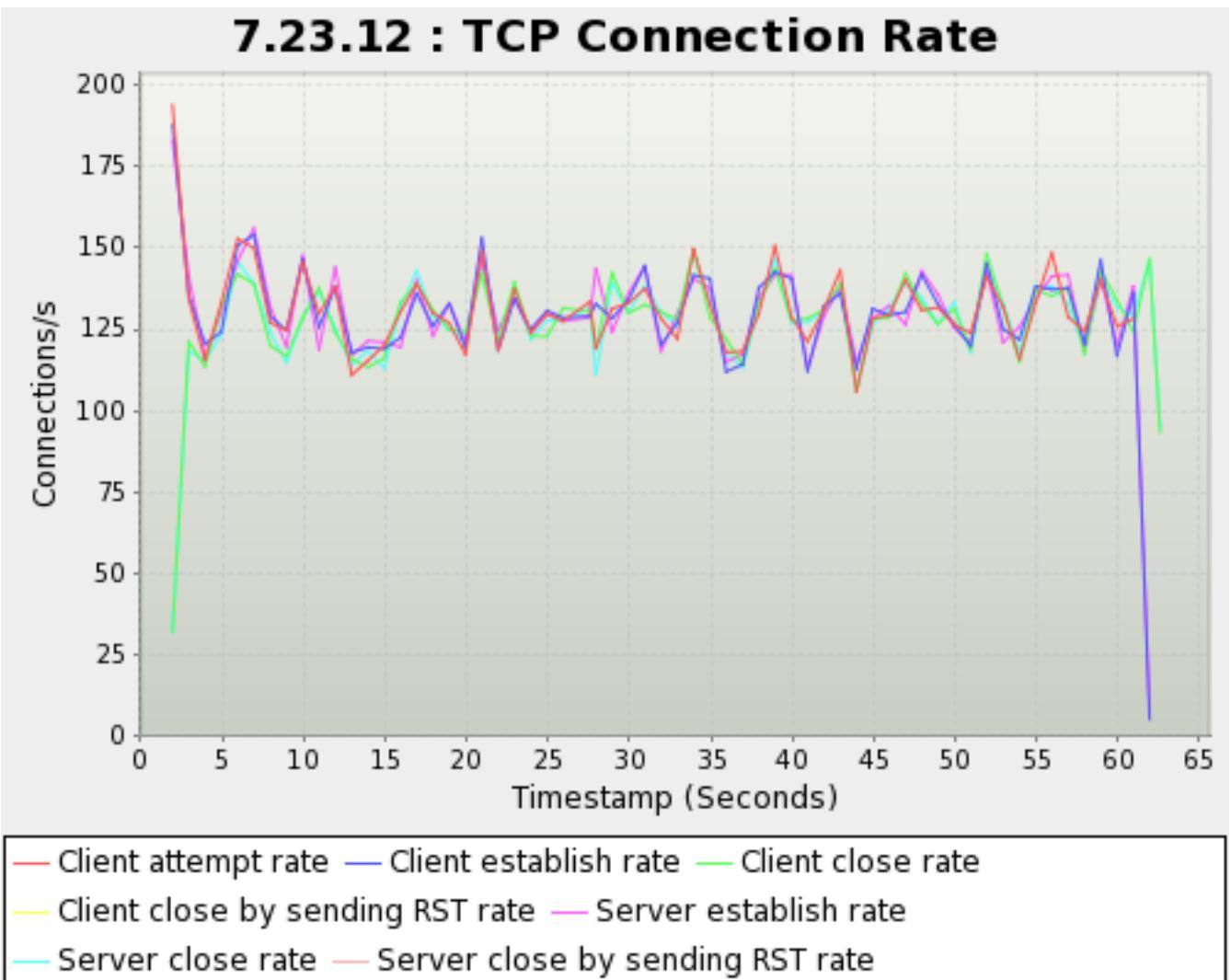
Timestamp	Client	Server
Seconds		TCP Sessions
25.935	392	0
27.569	386	0
27.938	385	0
28.936	386	0
29.936	385	0
30.940	387	0
31.938	388	0
32.946	385	0
33.935	379	0
34.938	383	0
35.939	382	0
36.946	380	0
37.941	382	0
38.937	384	0
39.947	390	0
40.937	394	0
41.937	387	0
42.936	385	0
43.937	388	0
44.935	389	0
45.933	383	0
46.946	381	0
47.940	387	0
48.935	388	0
49.940	390	0
50.942	388	0
51.934	386	0
52.942	382	0
53.944	389	0
54.950	382	0
55.934	384	0
56.936	384	0
57.941	388	0
58.933	388	0
59.934	390	0
60.940	388	0
61.936	381	0
62.580	0	0
63.581	0	0

7.23.11.2. TCP Concurrent Connections: 2

Timestamp	Client	Server
Seconds		TCP Sessions
1.944	0	295
2.942	0	326
3.938	0	333
4.937	0	336
5.938	0	338
6.938	0	344
7.938	0	351
8.941	0	363
9.937	0	375
10.939	0	379
11.939	0	379
12.940	0	385
13.937	0	390
14.937	0	390
15.942	0	390
16.935	0	382
17.936	0	387
18.937	0	385
19.935	0	387
20.935	0	381
21.939	0	388
22.936	0	382
23.937	0	384
24.939	0	390

Timestamp Seconds	Client	Server
TCP Sessions		
25.935	0	391
27.569	0	388
27.938	0	387
28.936	0	388
29.936	0	384
30.940	0	384
31.938	0	385
32.946	0	388
33.935	0	378
34.938	0	380
35.939	0	380
36.946	0	381
37.941	0	385
38.937	0	380
39.947	0	392
40.937	0	389
41.937	0	387
42.936	0	388
43.937	0	384
44.935	0	389
45.933	0	383
46.946	0	384
47.940	0	383
48.935	0	386
49.940	0	388
50.942	0	388
51.934	0	384
52.942	0	382
53.944	0	388
54.950	0	384
55.934	0	384
56.936	0	386
57.941	0	386
58.933	0	385
59.934	0	388
60.940	0	385
61.936	0	381
62.580	0	0
63.581	0	0

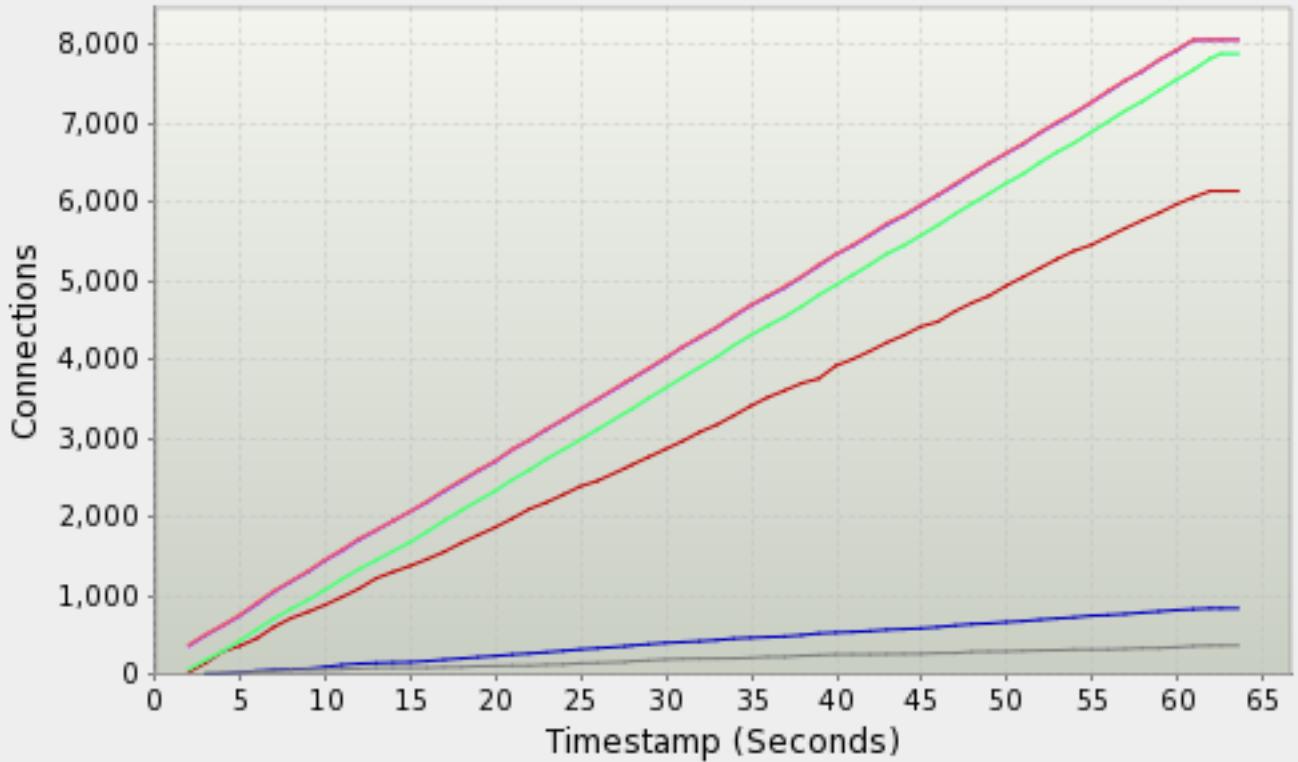
7.23.12. TCP Connection Rate



Timestamp	Client attempt rate	Client establish rate	Client close rate	Client close by sending RST rate	Server establish rate	Server close rate	Server close by sending RST rate
Seconds	TCP Sessions/s						
1.944	193.9	187.8	31.89	0.00	183.1	31.89	0.00
2.942	134.3	135.3	121.2	0.00	141.3	118.2	0.00
3.938	115.5	120.5	113.5	0.00	116.5	115.5	0.00
4.937	133.1	124.1	132.1	0.00	130.1	123.1	0.00
5.938	152.8	150.8	141.9	0.00	145.9	145.9	0.00
6.938	150	154	139	0.00	156	139	0.00
7.938	127	129	120	0.00	132	124	0.00
8.941	124.6	124.6	116.7	0.00	119.6	114.7	0.00
9.937	145.6	146.6	128.5	0.00	147.6	128.5	0.00
10.939	129.7	125.7	137.7	0.00	118.8	136.7	0.00
11.939	138	138	124	0.00	144	125	0.00
12.940	110.9	117.9	115.9	0.00	116.9	113.9	0.00
13.937	115.3	119.4	113.3	0.00	121.4	118.4	0.00
14.937	120	119	116	0.00	121	113	0.00
15.942	130.3	122.4	133.3	0.00	119.4	131.3	0.00
16.935	~139	~136	~139	0.00	~140	~143	0.00
17.936	129.9	125.9	130.9	0.00	122.9	128.9	0.00
18.937	126.9	132.9	124.9	0.00	132.9	124.9	0.00
19.935	117.2	119.2	124.2	0.00	121.2	121.2	0.00
20.935	149	153	142	0.00	147	145	0.00
21.939	118.5	118.5	121.5	0.00	124.5	123.5	0.00

7.23.13. TCP Aggregate Connections

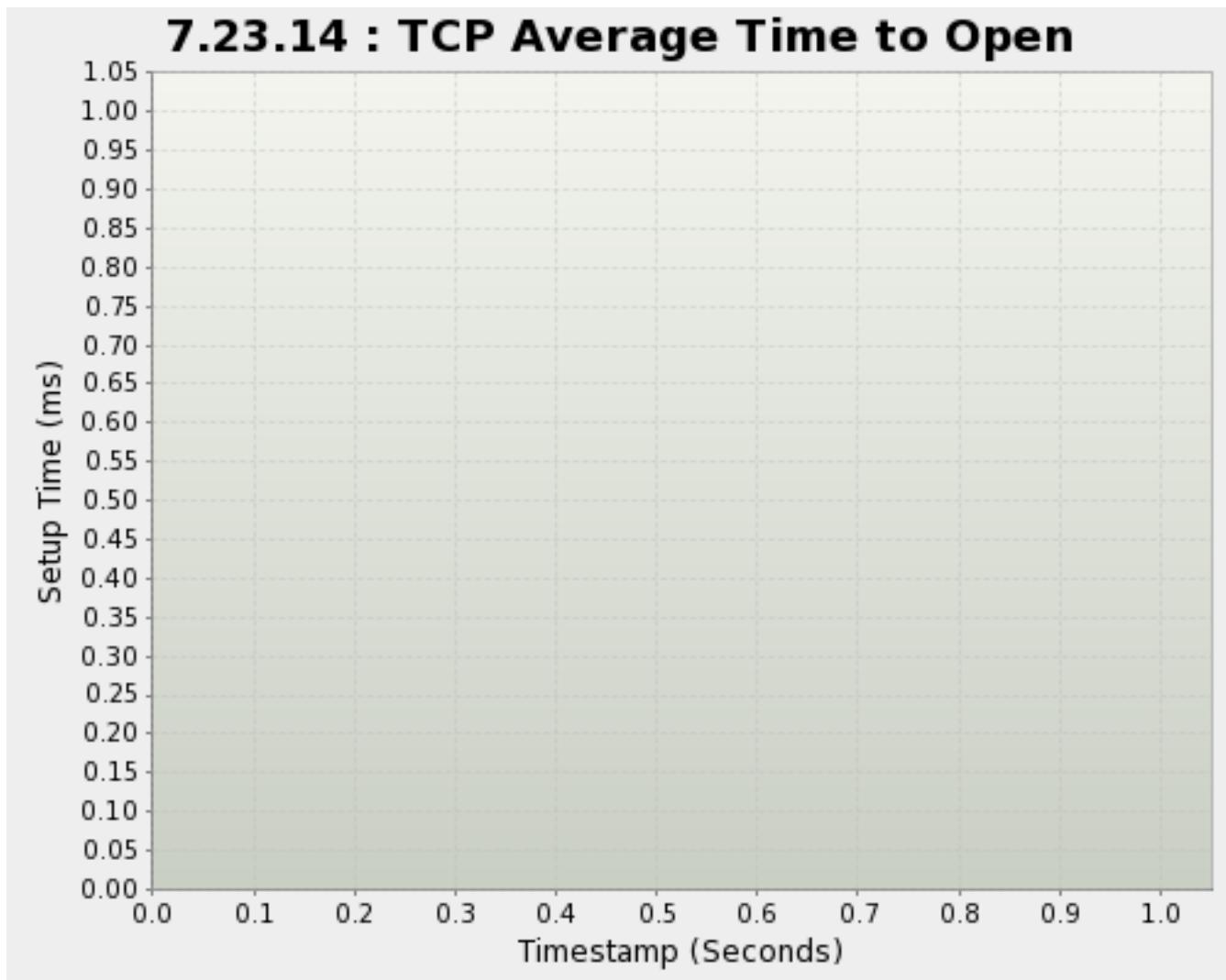
7.23.13 : TCP Aggregate Connections



— Client attempted	— Client established	— Client closed normally
— Client closed by sending RST	— Server established	
— Server closed normally	— Server closed by sending RST	— TCP open retries
— TCP data retries	— TCP close retries	— Aggregate closed by sending RST

Timestamp	Client attempted	Client established	Client closed normally	Client closed by sending RST	Server established	Server closed normally	Server closed by sending RST	TCP open retries	TCP data retries	TCP close retries	Aggregate closed by sending RST
<i>Seconds</i>											
1.944	377	365	62	0	356	62	0	0	27	0	0
2.942	511	500	183	0	497	180	0	18	146	2	0
3.938	626	620	296	0	613	295	0	18	289	5	0
4.937	759	744	428	0	743	418	0	23	361	24	0
5.938	912	895	570	0	889	564	0	30	456	41	0
6.938	1,062	1,049	709	0	1,045	703	0	46	601	57	0
7.938	1,189	1,178	829	0	1,177	827	0	54	713	67	0
8.941	1,314	1,303	946	0	1,297	942	0	55	793	70	0
9.937	1,459	1,449	1,074	0	1,444	1,070	0	56	882	92	0
10.939	1,589	1,575	1,212	0	1,563	1,207	0	63	983	119	0
11.939	1,727	1,713	1,336	0	1,707	1,332	0	74	1,089	135	0
12.940	1,838	1,831	1,452	0	1,824	1,446	0	82	1,220	144	0
13.937	1,953	1,950	1,565	0	1,945	1,564	0	83	1,302	150	0
14.937	2,073	2,069	1,681	0	2,066	1,677	0	83	1,378	154	0
15.942	2,204	2,192	1,815	0	2,186	1,809	0	83	1,464	168	0
16.935	2,342	2,327	1,953	0	2,325	1,951	0	90	1,557	185	0
17.936	2,472	2,453	2,084	0	2,448	2,080	0	92	1,669	201	0
18.937	2,599	2,586	2,209	0	2,581	2,205	0	103	1,770	218	0
19.935	2,716	2,705	2,333	0	2,702	2,326	0	106	1,869	232	0
20.935	2,865	2,858	2,475	0	2,849	2,471	0	111	1,980	251	0

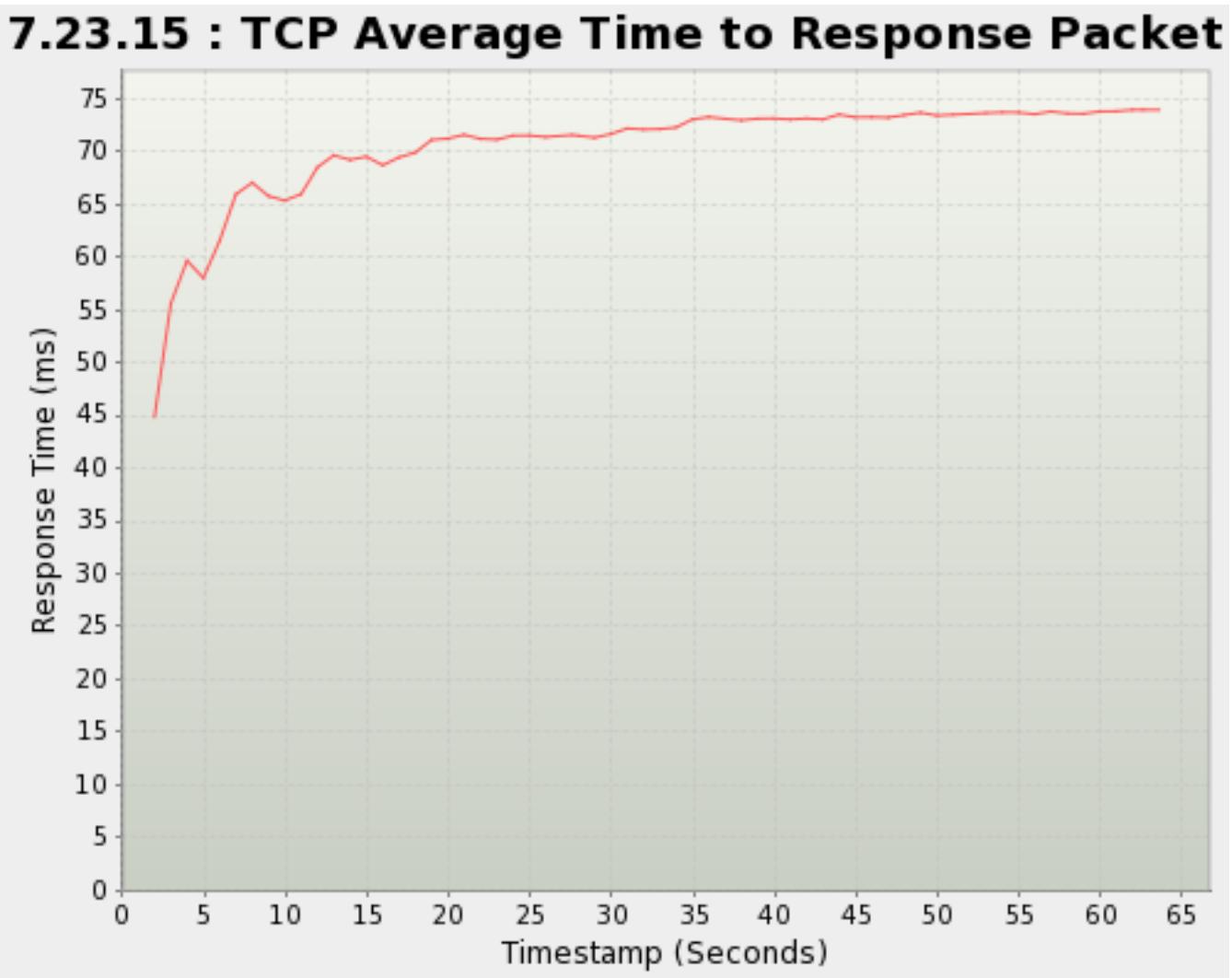
Timestamp	Client attempted	Client established	Client closed normally	Client closed by sending RST	Server established	Server closed normally	Server closed by sending RST	TCP open retries	TCP data retries	TCP close retries	Aggregate closed by sending RST
Seconds	TCP Sessions										
21.939	2,984	2,977	2,597	0	2,974	2,595	0	111	2,101	264	0
22.936	3,121	3,111	2,736	0	3,108	2,732	0	122	2,185	280	0
23.937	3,245	3,236	2,859	0	3,232	2,854	0	125	2,285	298	0
24.939	3,375	3,367	2,982	0	3,362	2,982	0	141	2,390	317	0
25.935	3,502	3,495	3,113	0	3,489	3,109	0	146	2,459	331	0
27.569	3,720	3,706	3,326	0	3,699	3,324	0	156	2,621	356	0
27.938	3,764	3,755	3,370	0	3,752	3,365	0	166	2,662	365	0
28.936	3,895	3,883	3,512	0	3,876	3,504	0	177	2,762	382	0
29.936	4,028	4,017	3,642	0	4,012	3,634	0	189	2,863	399	0
30.940	4,166	4,162	3,775	0	4,157	3,773	0	196	2,965	410	0
31.938	4,294	4,282	3,905	0	4,275	3,903	0	199	3,080	420	0
32.946	4,417	4,410	4,034	0	4,406	4,030	0	200	3,173	434	0
33.935	4,565	4,550	4,182	0	4,545	4,177	0	202	3,289	454	0
34.938	4,698	4,691	4,311	0	4,683	4,311	0	210	3,411	464	0
35.939	4,816	4,803	4,433	0	4,798	4,429	0	222	3,522	473	0
36.946	4,935	4,918	4,548	0	4,916	4,543	0	222	3,610	481	0
37.941	5,064	5,055	4,680	0	5,050	4,675	0	236	3,702	497	0
38.937	5,214	5,197	4,823	0	5,191	4,821	0	244	3,760	520	0
39.947	5,344	5,339	4,952	0	5,334	4,949	0	253	3,924	530	0
40.937	5,464	5,450	5,079	0	5,446	5,075	0	253	4,008	538	0
41.937	5,595	5,582	5,210	0	5,575	5,205	0	253	4,109	550	0
42.936	5,738	5,718	5,349	0	5,713	5,343	0	256	4,219	566	0
43.937	5,844	5,831	5,455	0	5,828	5,450	0	259	4,312	574	0
44.935	5,972	5,962	5,583	0	5,956	5,576	0	259	4,422	584	0
45.933	6,101	6,091	5,711	0	6,088	5,707	0	269	4,484	600	0
46.946	6,243	6,223	5,855	0	6,216	5,848	0	269	4,617	621	0
47.940	6,373	6,364	5,987	0	6,358	5,982	0	286	4,723	638	0
48.935	6,504	6,496	6,113	0	6,493	6,108	0	289	4,812	647	0
49.940	6,631	6,623	6,245	0	6,619	6,242	0	290	4,940	663	0
50.942	6,755	6,743	6,364	0	6,740	6,360	0	297	5,052	676	0
51.934	6,895	6,887	6,511	0	6,882	6,503	0	303	5,165	694	0
52.942	7,028	7,013	6,644	0	7,004	6,637	0	306	5,281	710	0
53.944	7,144	7,135	6,759	0	7,130	6,755	0	315	5,386	724	0
54.950	7,278	7,274	6,897	0	7,265	6,894	0	316	5,460	745	0
55.934	7,424	7,409	7,030	0	7,404	7,030	0	316	5,566	754	0
56.936	7,553	7,547	7,168	0	7,546	7,163	0	323	5,672	767	0
57.941	7,678	7,668	7,286	0	7,665	7,283	0	332	5,773	784	0
58.933	7,817	7,813	7,428	0	7,805	7,422	0	332	5,868	799	0
59.934	7,943	7,930	7,562	0	7,925	7,554	0	344	5,975	816	0
60.940	8,072	8,067	7,687	0	8,064	7,684	0	359	6,067	828	0
61.936	8,072	8,072	7,833	0	8,072	7,830	0	365	6,146	838	0
62.580	8,072	8,072	7,893	0	8,072	7,891	0	365	6,146	838	0
63.581	8,072	8,072	7,893	0	8,072	7,891	0	365	6,146	838	0

7.23.14. TCP Average Time to Open

TCP latency is measured to an accuracy of +/- 1 millisecond.

Timestamp	Setup Time
Seconds	Milliseconds
1.944	0.0000
2.942	0.0000
3.938	0.0000
4.937	0.0000
5.938	0.0000
6.938	0.0000
7.938	0.0000
8.941	0.0000
9.937	0.0000
10.939	0.0000
11.939	0.0000
12.940	0.0000
13.937	0.0000
14.937	0.0000
15.942	0.0000
16.935	0.0000
17.936	0.0000
18.937	0.0000
19.935	0.0000
20.935	0.0000
21.939	0.0000
22.936	0.0000

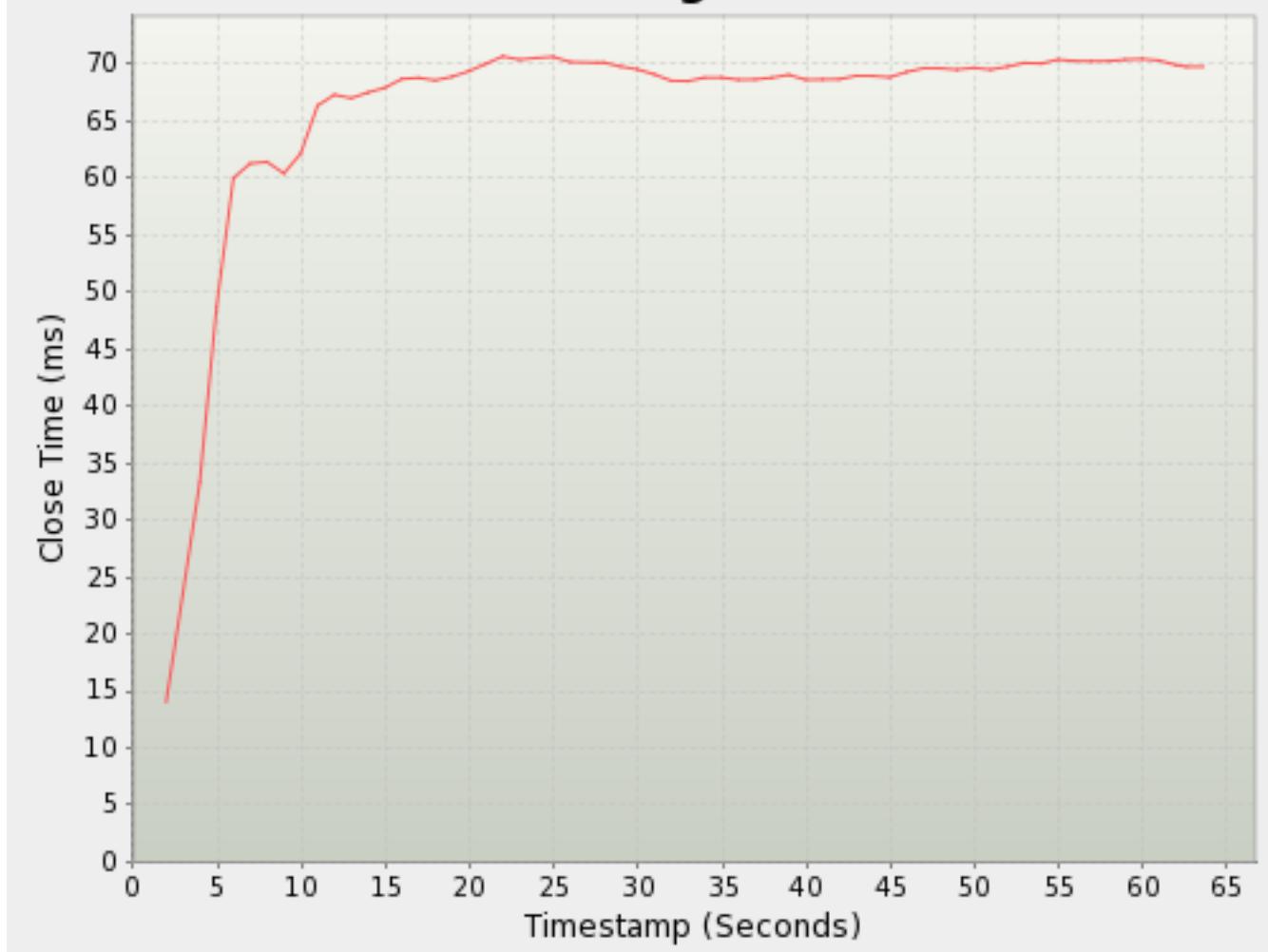
Timestamp	Setup Time
Seconds	Milliseconds
23.937	0.0000
24.939	0.0000
25.935	0.0000
27.569	0.0000
27.938	0.0000
28.936	0.0000
29.936	0.0000
30.940	0.0000
31.938	0.0000
32.946	0.0000
33.935	0.0000
34.938	0.0000
35.939	0.0000
36.946	0.0000
37.941	0.0000
38.937	0.0000
39.947	0.0000
40.937	0.0000
41.937	0.0000
42.936	0.0000
43.937	0.0000
44.935	0.0000
45.933	0.0000
46.946	0.0000
47.940	0.0000
48.935	0.0000
49.940	0.0000
50.942	0.0000
51.934	0.0000
52.942	0.0000
53.944	0.0000
54.950	0.0000
55.934	0.0000
56.936	0.0000
57.941	0.0000
58.933	0.0000
59.934	0.0000
60.940	0.0000
61.936	0.0000
62.580	0.0000
63.581	0.0000

7.23.15. TCP Average Time to Response Packet

TCP latency is measured to an accuracy of +/- 1 millisecond.

Timestamp	Response Time
Seconds	Milliseconds
1.944	44.8356
2.942	55.5660
3.938	59.6387
4.937	58.0013
5.938	61.5151
6.938	65.9237
7.938	67.0153
8.941	65.7437
9.937	65.3271
10.939	65.9397
11.939	68.4769
12.940	69.6095
13.937	69.1800
14.937	69.4828
15.942	68.6738
16.935	69.4070
17.936	69.8679
18.937	71.0646
19.935	71.1933
20.935	71.5476
21.939	71.1686
22.936	71.0993

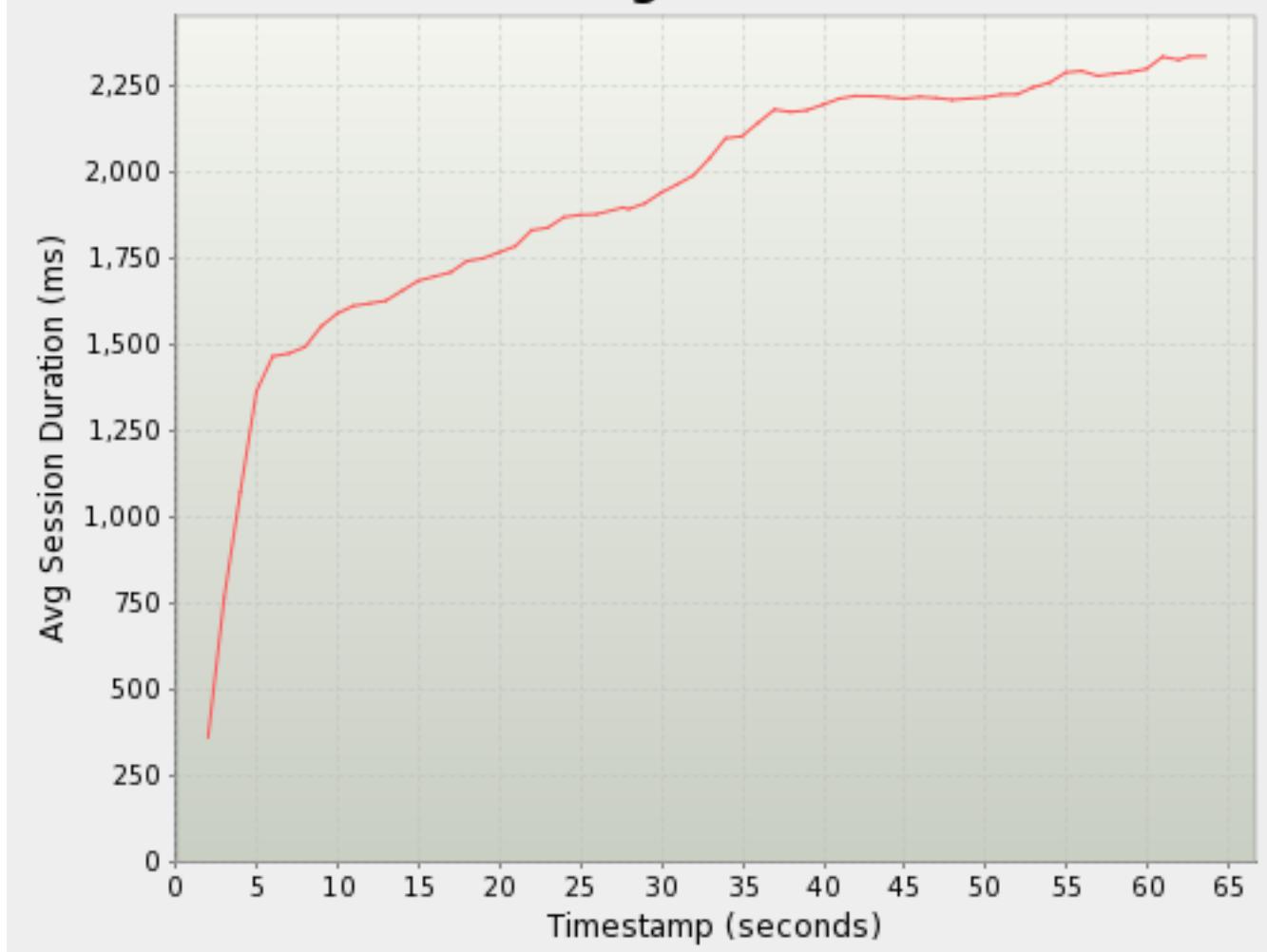
Timestamp	Response Time
Seconds	Milliseconds
23.937	71.4706
24.939	71.4883
25.935	71.3436
27.569	71.5335
27.938	71.4644
28.936	71.2838
29.936	71.6224
30.940	72.1456
31.938	72.0500
32.946	72.0850
33.935	72.2444
34.938	73.0109
35.939	73.2271
36.946	73.0679
37.941	72.9288
38.937	73.0775
39.947	73.0983
40.937	73.0044
41.937	73.0944
42.936	73.0051
43.937	73.4697
44.935	73.2055
45.933	73.2225
46.946	73.1801
47.940	73.4202
48.935	73.6470
49.940	73.3705
50.942	73.4534
51.934	73.5242
52.942	73.6130
53.944	73.6719
54.950	73.6628
55.934	73.5006
56.936	73.7512
57.941	73.5726
58.933	73.5452
59.934	73.7620
60.940	73.7823
61.936	73.9054
62.580	73.9054
63.581	73.9054

7.23.16. TCP Average Time to Close**7.23.16 : TCP Average Time to Close**

TCP latency is measured to an accuracy of +/- 1 millisecond.

Timestamp	Close Time
Seconds	Milliseconds
1.944	14.0484
2.942	23.5944
3.938	33.2915
4.937	48.6914
5.938	60.0071
6.938	61.2873
7.938	61.4220
8.941	60.4193
9.937	62.1598
10.939	66.3687
11.939	67.3168
12.940	67.0242
13.937	67.5153
14.937	67.9356
15.942	68.7065
16.935	68.8032
17.936	68.5880
18.937	68.9052
19.935	69.3887
20.935	70.0316
21.939	70.6875
22.936	70.4070

Timestamp		Close Time
	Seconds	Milliseconds
23.937		70.5515
24.939		70.6556
25.935		70.1933
27.569		70.1390
27.938		70.1489
28.936		69.7997
29.936		69.5512
30.940		69.1164
31.938		68.5562
32.946		68.5206
33.935		68.8185
34.938		68.8337
35.939		68.6406
36.946		68.6648
37.941		68.8163
38.937		69.0670
39.947		68.6373
40.937		68.6644
41.937		68.6851
42.936		68.9790
43.937		68.9651
44.935		68.8571
45.933		69.3149
46.946		69.6421
47.940		69.6356
48.935		69.5301
49.940		69.6785
50.942		69.5294
51.934		69.7829
52.942		70.1115
53.944		70.0597
54.950		70.4093
55.934		70.2780
56.936		70.2636
57.941		70.2734
58.933		70.4056
59.934		70.4590
60.940		70.3298
61.936		69.9332
62.580		69.7806
63.581		69.7806

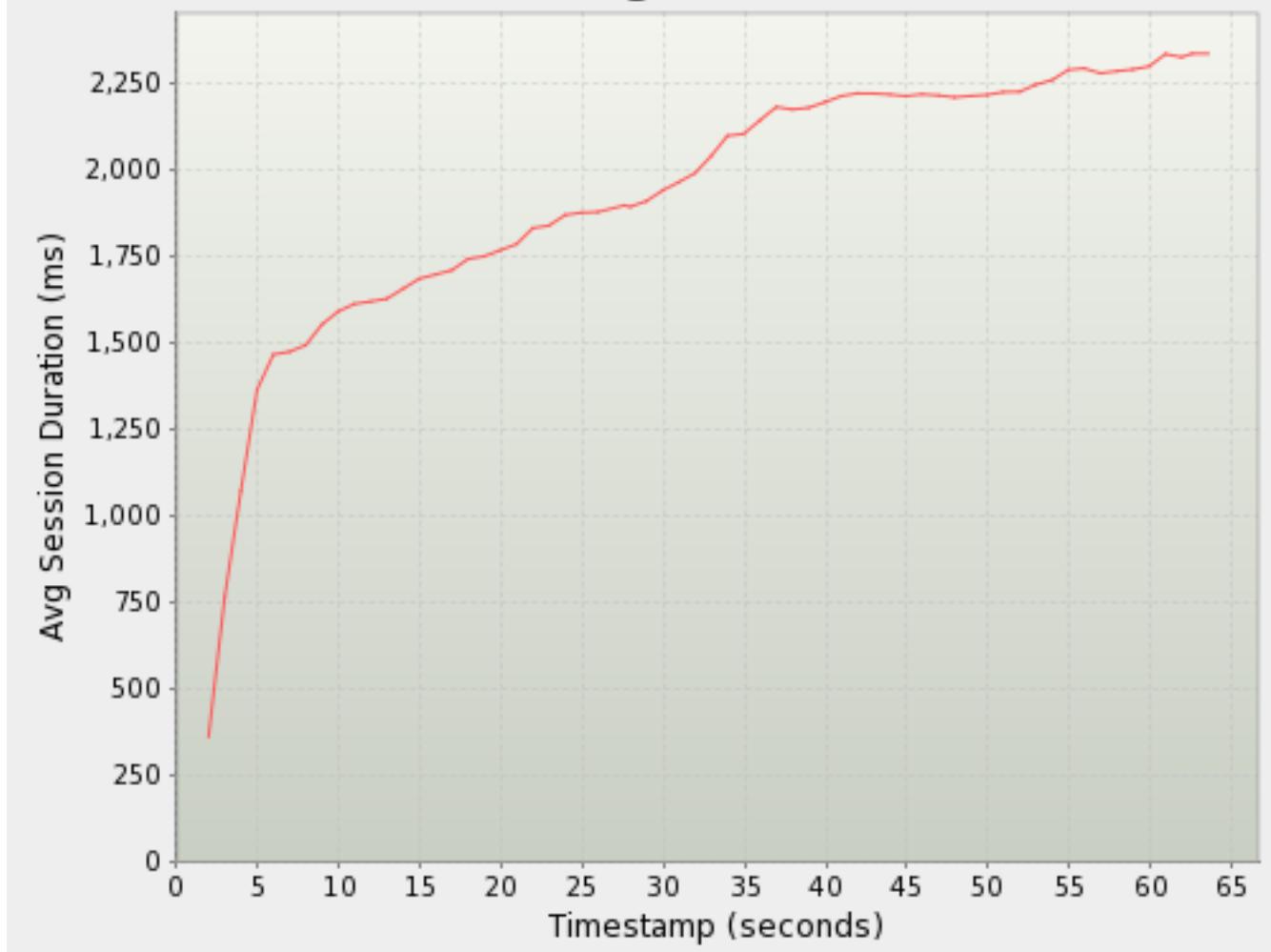
7.23.17. TCP Average Session Duration**7.23.17 : TCP Average Session Duration**

Timestamp	Avg Session Duration
seconds	milliseconds
1.9440	361.0620
2.9420	766.7410
3.9380	1,072.4400
4.9370	1,365.3430
5.9380	1,466.6080
6.9380	1,475.0150
7.9380	1,494.0190
8.9410	1,553.9770
9.9370	1,591.3070
10.9390	1,613.1390
11.9390	1,620.2350
12.9400	1,628.1410
13.9370	1,657.2180
14.9370	1,686.0080
15.9420	1,698.4300
16.9350	1,710.4610
17.9360	1,742.9480
18.9370	1,750.9050
19.9350	1,768.4230
20.9350	1,786.2400
21.9390	1,832.5030
22.9360	1,839.8010
23.9370	1,870.4730
24.9390	1,877.0610

Timestamp	Avg Session Duration
	<i>seconds</i>
25.9350	1,878.8920
27.5690	1,898.0620
27.9380	1,894.1160
28.9360	1,910.4020
29.9360	1,941.1780
30.9400	1,965.6100
31.9380	1,991.5990
32.9460	2,041.6120
33.9350	2,099.3490
34.9380	2,104.8360
35.9390	2,144.3460
36.9460	2,182.6150
37.9410	2,175.8500
38.9370	2,180.3740
39.9470	2,196.9130
40.9370	2,214.2130
41.9370	2,222.2010
42.9360	2,221.7280
43.9370	2,218.9090
44.9350	2,214.3090
45.9330	2,219.6550
46.9460	2,216.1540
47.9400	2,210.8840
48.9350	2,214.6720
49.9400	2,217.7180
50.9420	2,226.0010
51.9340	2,226.5490
52.9420	2,247.2130
53.9440	2,260.5320
54.9500	2,290.0830
55.9340	2,294.4010
56.9360	2,280.3670
57.9410	2,286.4920
58.9330	2,291.3660
59.9340	2,300.4060
60.9400	2,335.7270
61.9360	2,327.0090
62.5800	2,336.9180
63.5810	2,336.9180

7.23.17.1. TCP Average Session Duration: 1

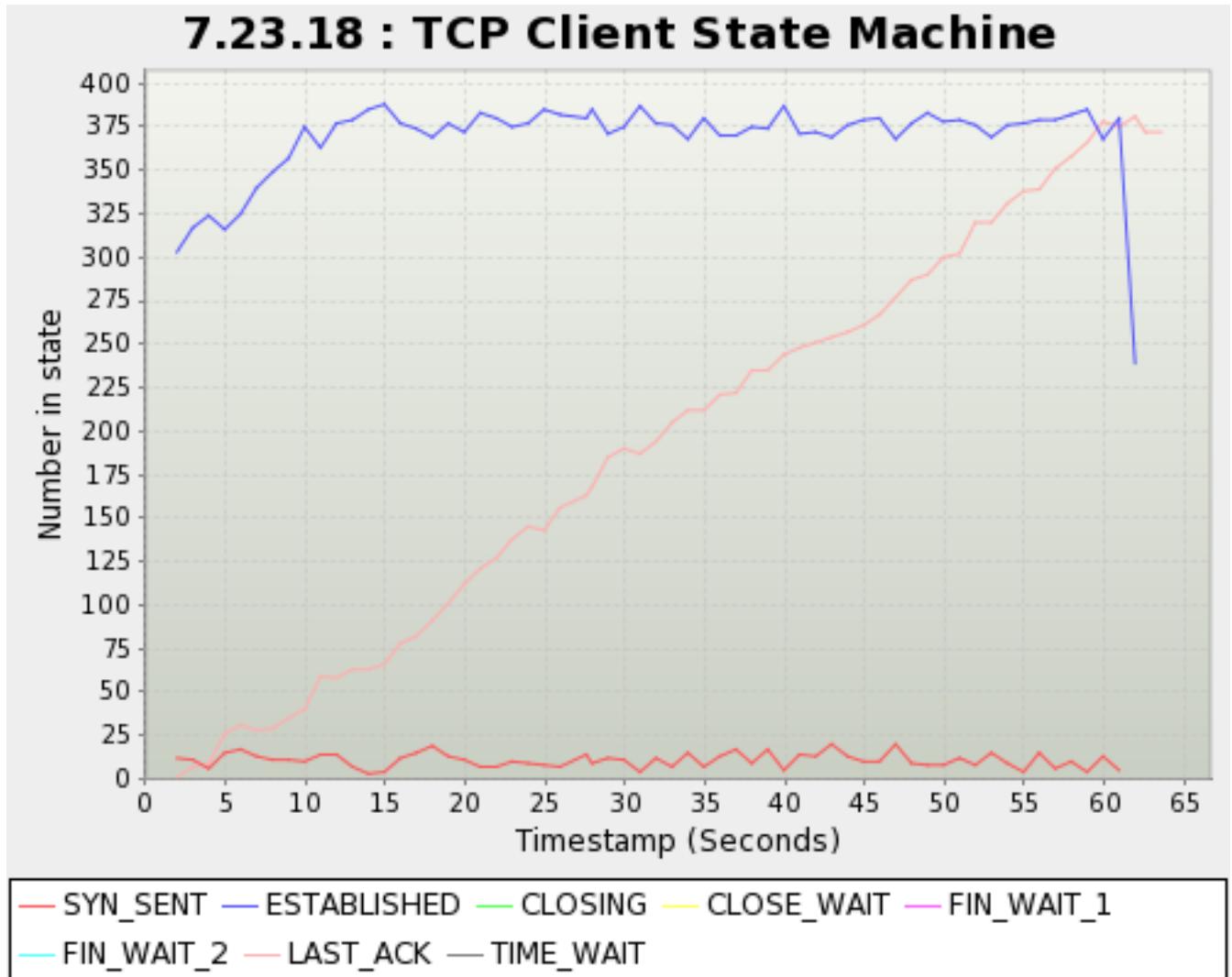
Timestamp	Avg Session Duration
<i>seconds</i>	<i>milliseconds</i>

7.23.17.2. TCP Average Session Duration: 2**7.23.17.2 : TCP Average Session Duration: 2**

Timestamp	Avg Session Duration
seconds	milliseconds
1.9440	361.0620
2.9420	766.7410
3.9380	1,072.4400
4.9370	1,365.3430
5.9380	1,466.6080
6.9380	1,475.0150
7.9380	1,494.0190
8.9410	1,553.9770
9.9370	1,591.3070
10.9390	1,613.1390
11.9390	1,620.2350
12.9400	1,628.1410
13.9370	1,657.2180
14.9370	1,686.0080
15.9420	1,698.4300
16.9350	1,710.4610
17.9360	1,742.9480
18.9370	1,750.9050
19.9350	1,768.4230
20.9350	1,786.2400
21.9390	1,832.5030
22.9360	1,839.8010
23.9370	1,870.4730
24.9390	1,877.0610

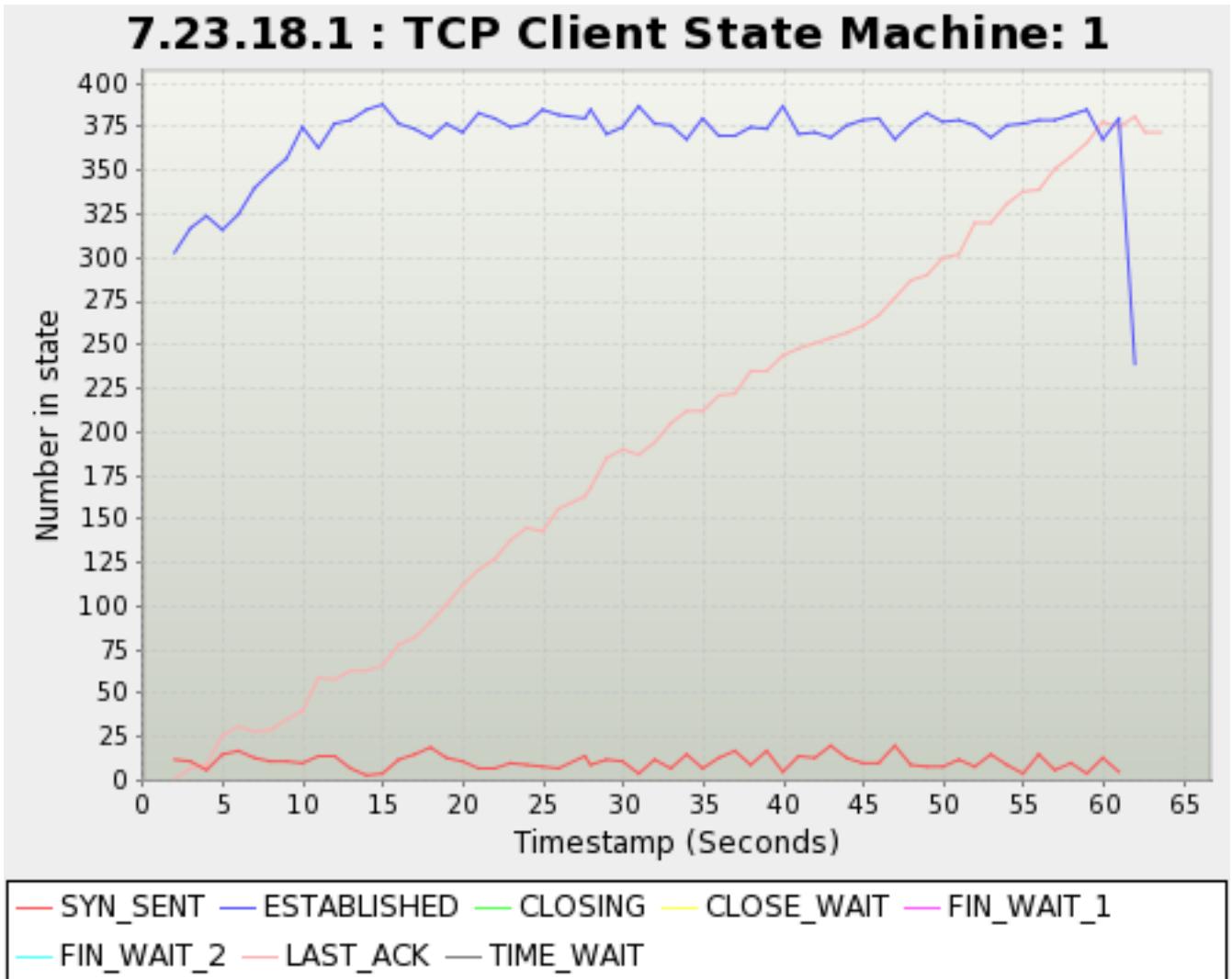
Timestamp	Avg Session Duration
	<i>seconds</i>
25.9350	1,878.8920
27.5690	1,898.0620
27.9380	1,894.1160
28.9360	1,910.4020
29.9360	1,941.1780
30.9400	1,965.6100
31.9380	1,991.5990
32.9460	2,041.6120
33.9350	2,099.3490
34.9380	2,104.8360
35.9390	2,144.3460
36.9460	2,182.6150
37.9410	2,175.8500
38.9370	2,180.3740
39.9470	2,196.9130
40.9370	2,214.2130
41.9370	2,222.2010
42.9360	2,221.7280
43.9370	2,218.9090
44.9350	2,214.3090
45.9330	2,219.6550
46.9460	2,216.1540
47.9400	2,210.8840
48.9350	2,214.6720
49.9400	2,217.7180
50.9420	2,226.0010
51.9340	2,226.5490
52.9420	2,247.2130
53.9440	2,260.5320
54.9500	2,290.0830
55.9340	2,294.4010
56.9360	2,280.3670
57.9410	2,286.4920
58.9330	2,291.3660
59.9340	2,300.4060
60.9400	2,335.7270
61.9360	2,327.0090
62.5800	2,336.9180
63.5810	2,336.9180

7.23.18. TCP Client State Machine



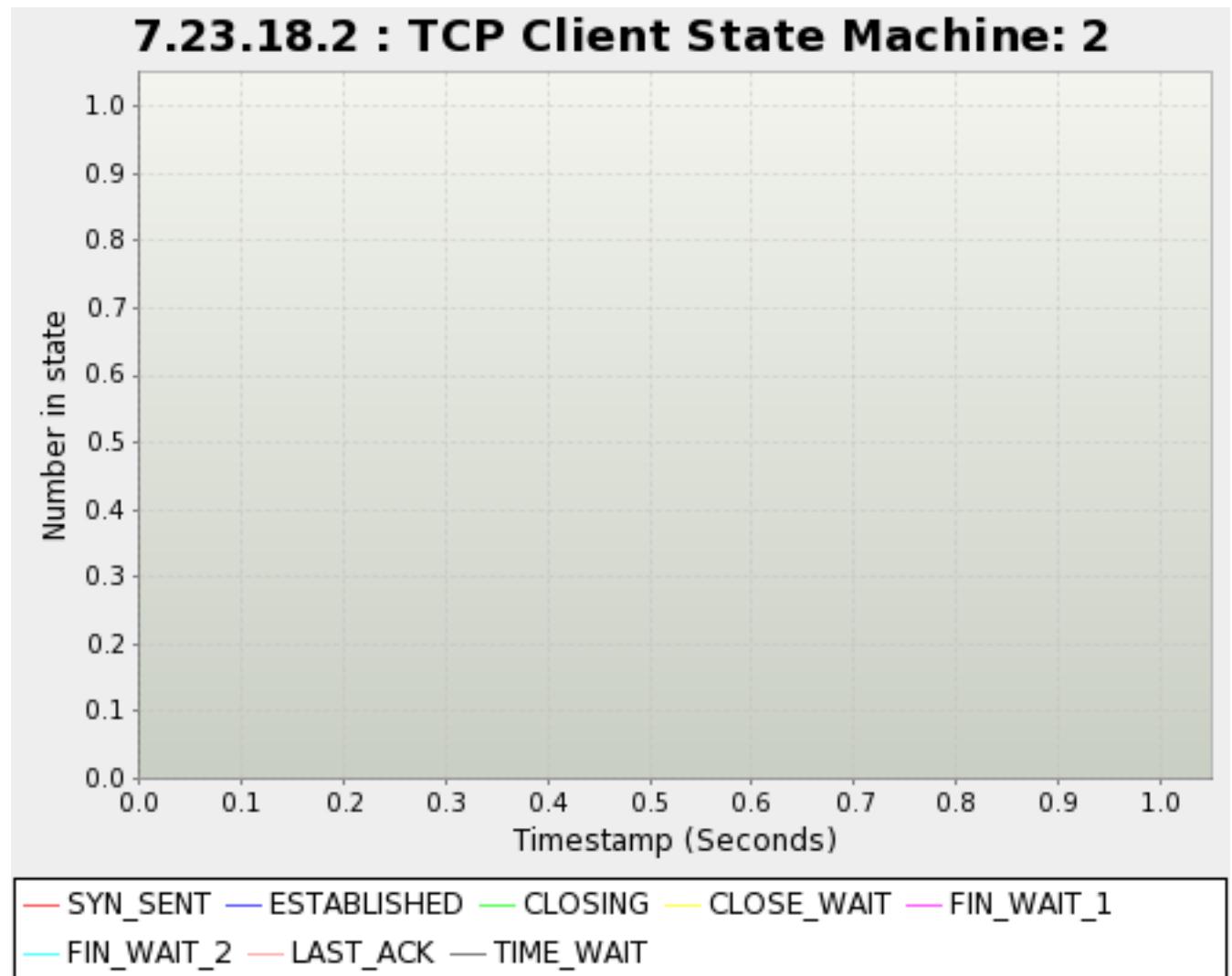
Timestamp	SYN_SENT	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST_ACK	TIME_WAIT
Seconds	TCP Sessions							
1.944	12	303	0	0	0	0	1	0
2.942	11	317	0	0	0	0	7	0
3.938	6	324	0	0	0	0	9	0
4.937	15	316	0	0	0	0	26	0
5.938	17	325	0	0	0	0	31	0
6.938	13	340	0	0	0	0	28	0
7.938	11	349	0	0	0	0	29	0
8.941	11	357	0	0	0	0	35	0
9.937	10	375	0	0	0	0	40	0
10.939	14	363	0	0	0	0	59	0
11.939	14	377	0	0	0	0	58	0
12.940	7	379	0	0	0	0	63	0
13.937	3	385	0	0	0	0	63	0
14.937	4	388	0	0	0	0	66	0
15.942	12	377	0	0	0	0	78	0
16.935	15	374	0	0	0	0	82	0
17.936	19	369	0	0	0	0	91	0
18.937	13	377	0	0	0	0	101	0
19.935	11	372	0	0	0	0	112	0
20.935	7	383	0	0	0	0	121	0
21.939	7	380	0	0	0	0	127	0
22.936	10	375	0	0	0	0	138	0

7.23.18.1. TCP Client State Machine: 1

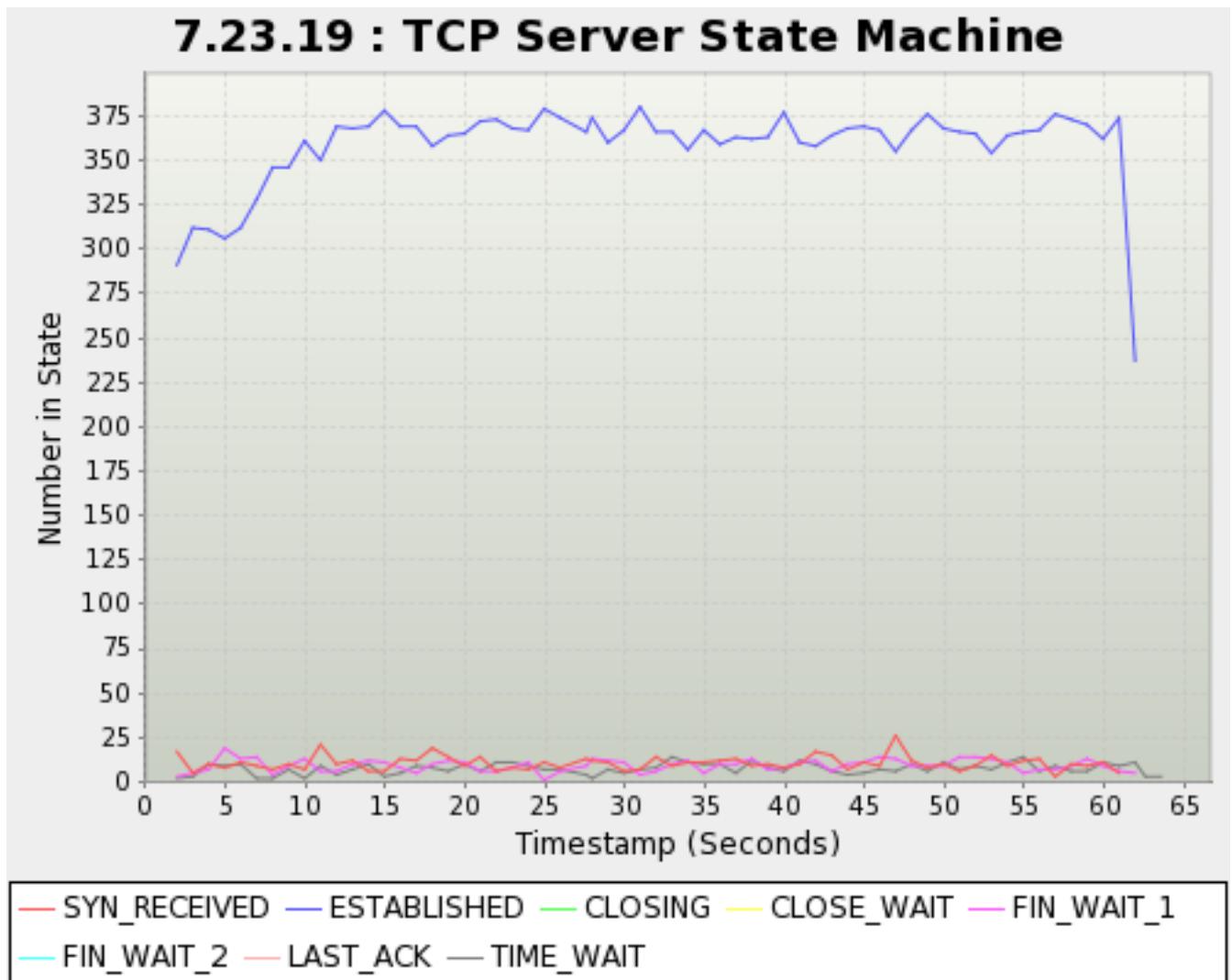


Timestamp	SYN_SENT	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST_ACK	TIME_WAIT
Seconds	TCP Sessions							
1.944	12	303	0	0	0	0	1	0
2.942	11	317	0	0	0	0	7	0
3.938	6	324	0	0	0	0	9	0
4.937	15	316	0	0	0	0	26	0
5.938	17	325	0	0	0	0	31	0
6.938	13	340	0	0	0	0	28	0
7.938	11	349	0	0	0	0	29	0
8.941	11	357	0	0	0	0	35	0
9.937	10	375	0	0	0	0	40	0
10.939	14	363	0	0	0	0	59	0
11.939	14	377	0	0	0	0	58	0
12.940	7	379	0	0	0	0	63	0
13.937	3	385	0	0	0	0	63	0
14.937	4	388	0	0	0	0	66	0
15.942	12	377	0	0	0	0	78	0
16.935	15	374	0	0	0	0	82	0
17.936	19	369	0	0	0	0	91	0
18.937	13	377	0	0	0	0	101	0
19.935	11	372	0	0	0	0	112	0
20.935	7	383	0	0	0	0	121	0
21.939	7	380	0	0	0	0	127	0
22.936	10	375	0	0	0	0	138	0

7.23.18.2. TCP Client State Machine: 2

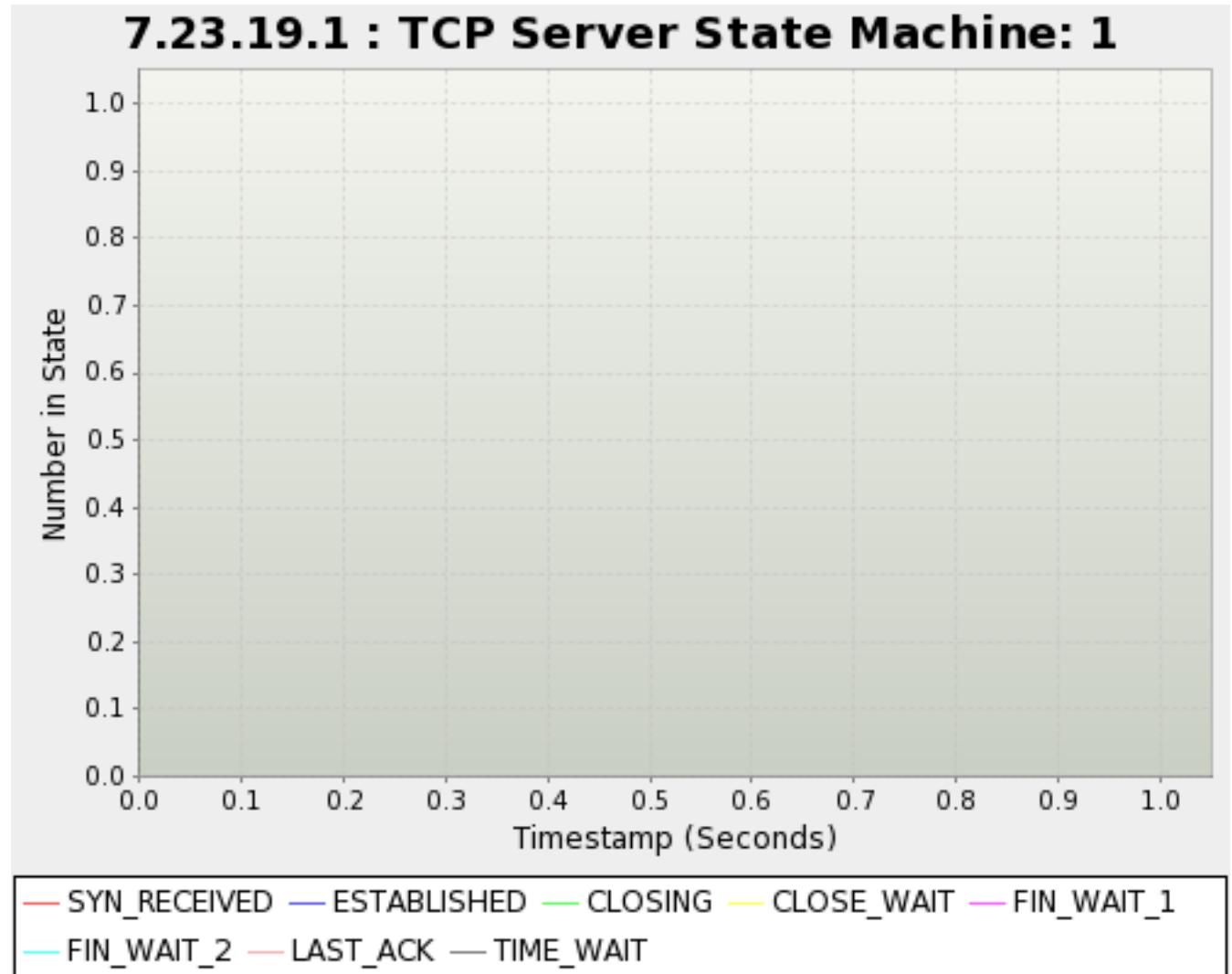


7.23.19. TCP Server State Machine



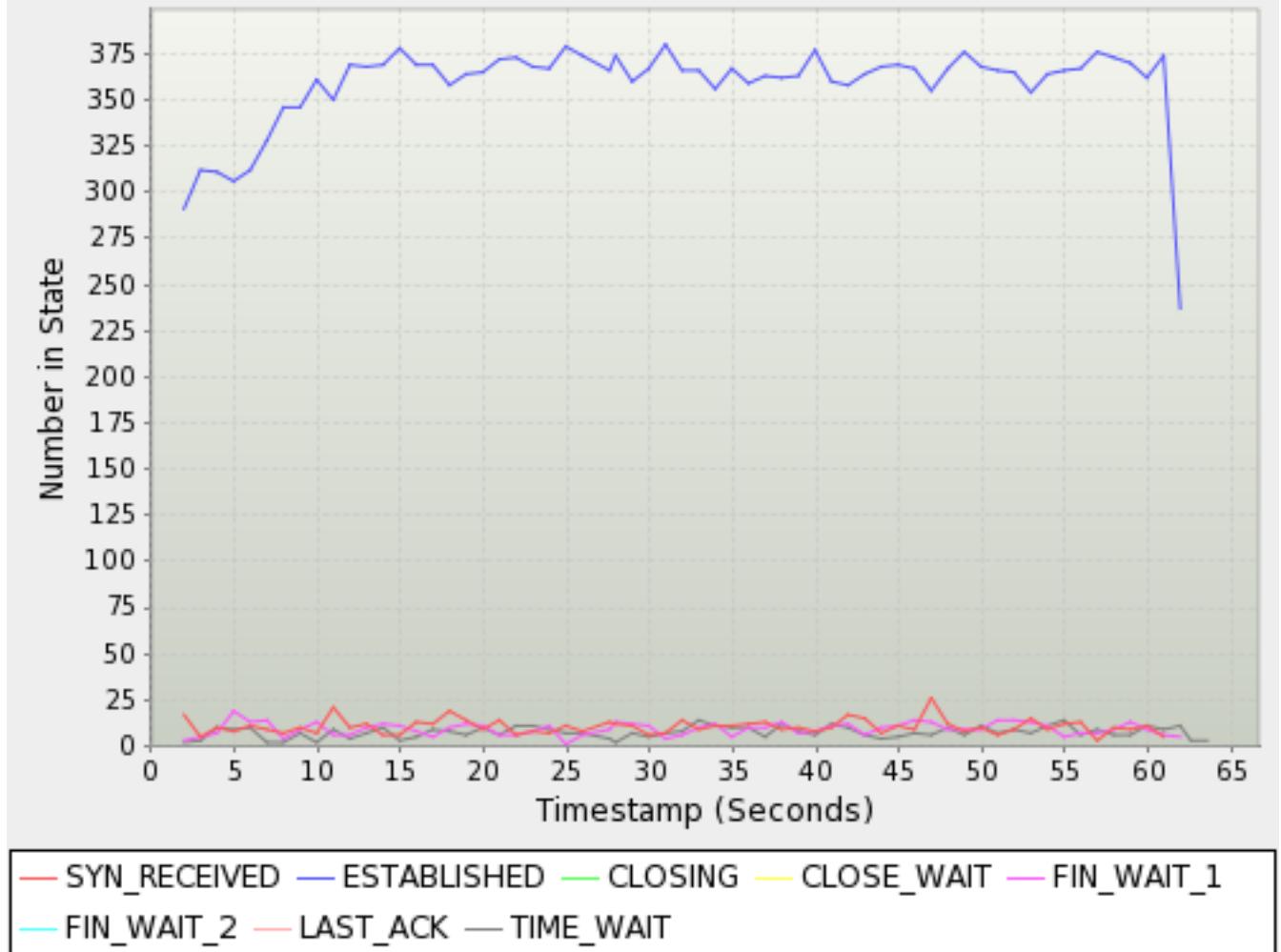
Timestamp	SYN RECEIVED	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST ACK	TIME_WAIT
<i>Seconds</i>								
1.944	17	291	0	0	3	0	0	2
2.942	5	312	0	0	5	0	0	3
3.938	10	311	0	0	7	0	0	10
4.937	8	306	0	0	19	0	0	9
5.938	11	312	0	0	13	0	0	10
6.938	9	328	0	0	14	0	0	2
7.938	7	346	0	0	4	0	0	2
8.941	10	346	0	0	9	0	0	7
9.937	7	361	0	0	13	0	0	2
10.939	21	350	0	0	6	0	0	9
11.939	10	369	0	0	6	0	0	4
12.940	12	368	0	0	10	0	0	7
13.937	6	369	0	0	12	0	0	10
14.937	6	378	0	0	11	0	0	3
15.942	13	369	0	0	8	0	0	5
16.935	12	369	0	0	5	0	0	9
17.936	19	358	0	0	10	0	0	8
18.937	14	364	0	0	12	0	0	6
19.935	9	365	0	0	11	0	0	10
20.935	14	372	0	0	6	0	0	6
21.939	6	373	0	0	6	0	0	11
22.936	8	368	0	0	8	0	0	11

7.23.19.1. TCP Server State Machine: 1



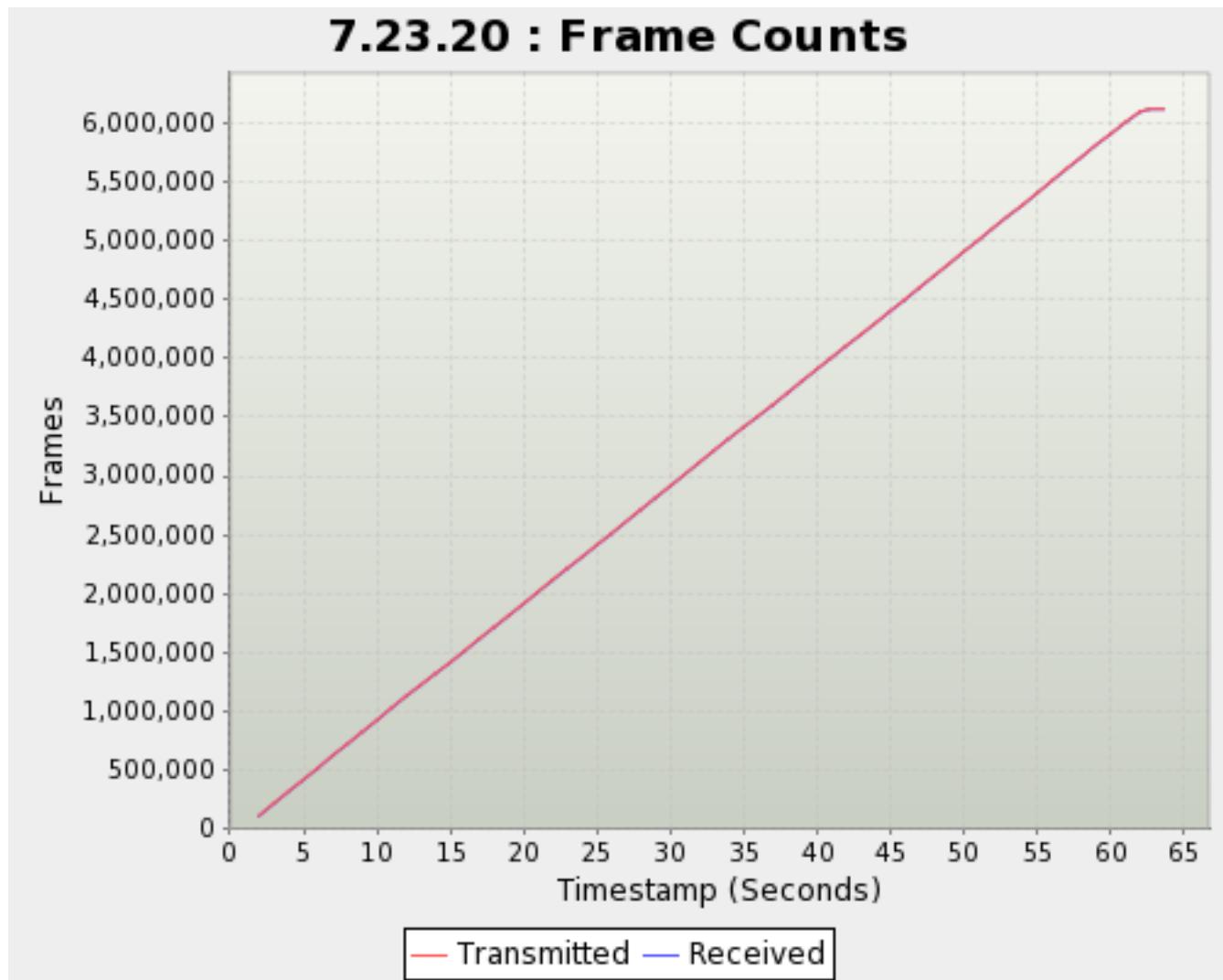
7.23.19.2. TCP Server State Machine: 2

7.23.19.2 : TCP Server State Machine: 2



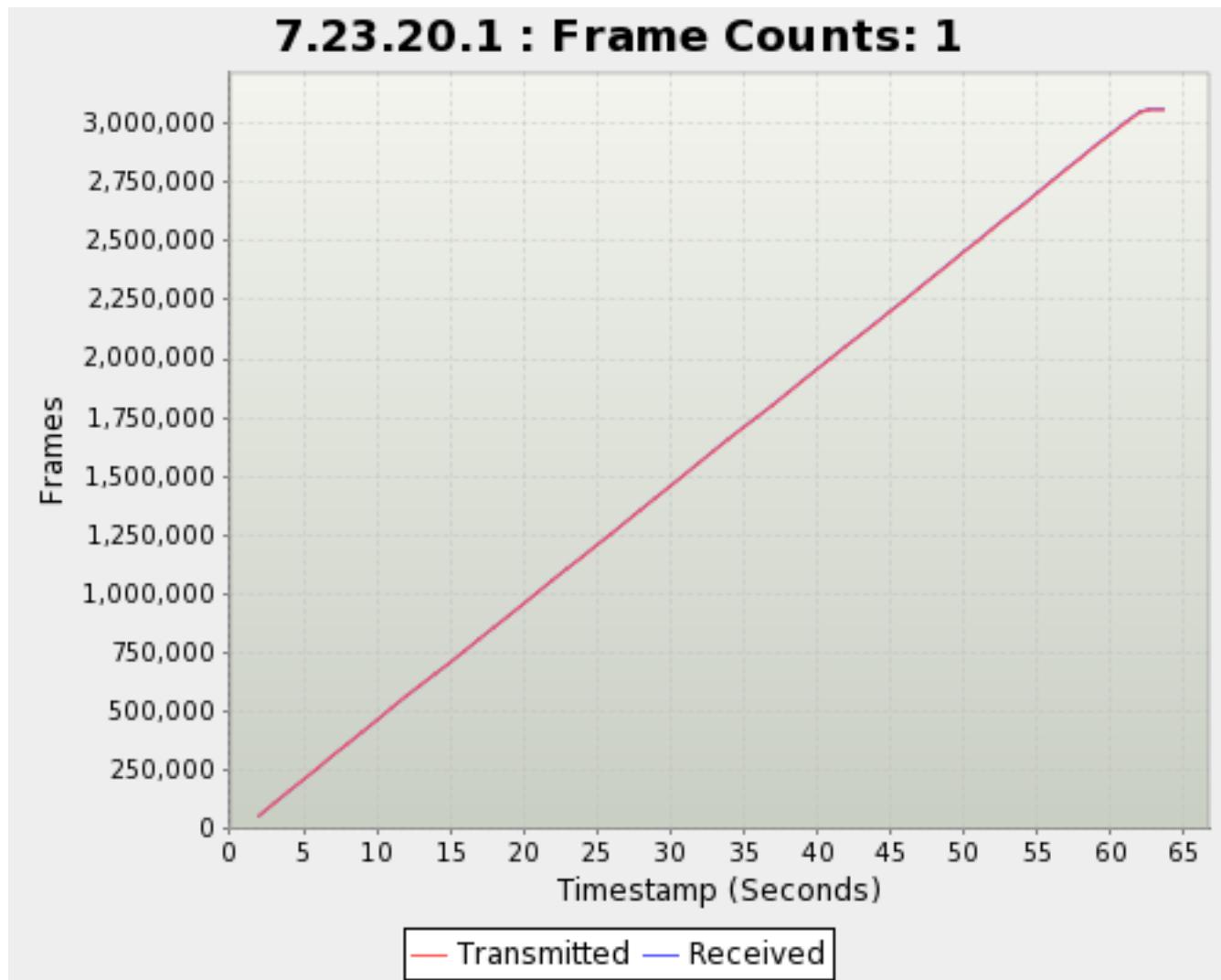
Timestamp	SYN RECEIVED	ESTABLISHED	CLOSING	CLOSE_WAIT	FIN_WAIT_1	FIN_WAIT_2	LAST ACK	TIME_WAIT
Seconds	TCP Sessions							
1.944	17	291	0	0	3	0	0	2
2.942	5	312	0	0	5	0	0	3
3.938	10	311	0	0	7	0	0	10
4.937	8	306	0	0	19	0	0	9
5.938	11	312	0	0	13	0	0	10
6.938	9	328	0	0	14	0	0	2
7.938	7	346	0	0	4	0	0	2
8.941	10	346	0	0	9	0	0	7
9.937	7	361	0	0	13	0	0	2
10.939	21	350	0	0	6	0	0	9
11.939	10	369	0	0	6	0	0	4
12.940	12	368	0	0	10	0	0	7
13.937	6	369	0	0	12	0	0	10
14.937	6	378	0	0	11	0	0	3
15.942	13	369	0	0	8	0	0	5
16.935	12	369	0	0	5	0	0	9
17.936	19	358	0	0	10	0	0	8
18.937	14	364	0	0	12	0	0	6
19.935	9	365	0	0	11	0	0	10
20.935	14	372	0	0	6	0	0	6
21.939	6	373	0	0	6	0	0	11
22.936	8	368	0	0	8	0	0	11

7.23.20. Frame Counts



Timestamp Seconds	Transmitted		Received
	Frames	Frames	
1.944	107,691		105,147
2.942	211,550		207,558
3.938	313,479		309,352
4.937	412,521		408,611
5.938	512,305		508,757
6.938	619,010		615,673
7.938	717,059		713,533
8.941	818,480		815,009
9.937	916,763		914,464
10.939	1,023,302		1,019,047
11.939	1,124,451		1,121,083
12.940	1,219,285		1,216,981
13.937	1,315,182		1,312,782
14.937	1,410,367		1,406,239
15.942	1,510,976		1,507,289
16.935	1,613,438		1,609,259
17.936	1,712,140		1,707,514
18.937	1,810,508		1,806,594
19.935	1,909,890		1,906,315
20.935	2,013,296		2,008,640
21.939	2,115,490		2,110,959
22.936	2,214,193		2,209,765
23.937	2,310,817		2,305,804
24.939	2,411,821		2,407,621

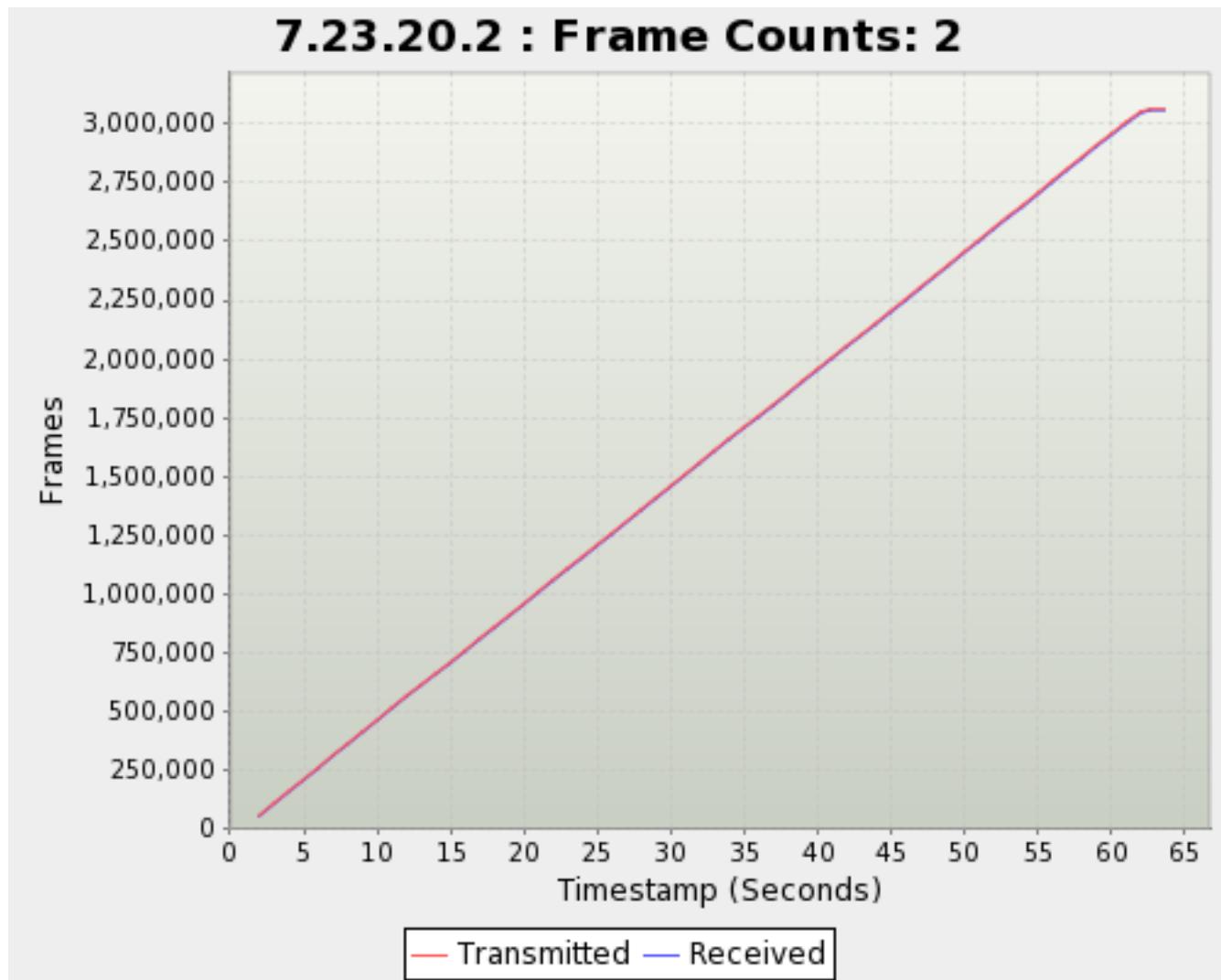
Timestamp	Transmitted	Received
<i>Seconds</i>	<i>Frames</i>	
25.935	2,508,909	2,504,977
27.569	2,675,743	2,672,440
27.938	2,713,089	2,709,424
28.936	2,813,643	2,809,817
29.936	2,912,544	2,909,305
30.940	3,013,748	3,011,139
31.938	3,115,793	3,112,568
32.946	3,218,251	3,215,761
33.935	3,317,956	3,314,797
34.938	3,414,767	3,411,814
35.939	3,509,519	3,506,192
36.946	3,606,703	3,602,240
37.941	3,706,903	3,703,523
38.937	3,809,779	3,806,128
39.947	3,910,055	3,906,048
40.937	4,007,365	4,004,318
41.937	4,108,201	4,105,085
42.936	4,203,664	4,200,755
43.937	4,302,415	4,298,673
44.935	4,403,401	4,399,539
45.933	4,501,786	4,497,640
46.946	4,605,729	4,601,524
47.940	4,705,791	4,702,518
48.935	4,804,979	4,801,917
49.940	4,909,330	4,906,512
50.942	5,007,229	5,003,906
51.934	5,110,274	5,106,977
52.942	5,212,321	5,208,444
53.944	5,305,853	5,301,782
54.950	5,409,548	5,405,934
55.934	5,512,199	5,507,548
56.936	5,613,919	5,610,490
57.941	5,713,666	5,709,394
58.933	5,816,327	5,813,476
59.934	5,910,421	5,906,869
60.940	6,009,771	6,005,605
61.936	6,099,863	6,096,584
62.580	6,123,813	6,122,716
63.581	6,123,813	6,122,716

7.23.20.1. Frame Counts: 1

Timestamp Seconds	Transmitted		Received
	Frames	Frames	
1.944	53,373		53,041
2.942	104,791		104,467
3.938	155,779		155,505
4.937	205,424		205,164
5.938	255,467		255,352
6.938	308,564		308,448
7.938	357,651		357,615
8.941	408,177		408,200
9.937	457,609		457,714
10.939	510,406		510,535
11.939	561,241		561,439
12.940	608,964		609,182
13.937	656,955		657,186
14.937	703,970		704,257
15.942	754,455		754,787
16.935	805,072		805,485
17.936	854,599		855,035
18.937	903,881		904,370
19.935	953,919		954,494
20.935	1,004,951		1,005,659
21.939	1,056,224		1,056,972
22.936	1,105,736		1,106,566
23.937	1,153,688		1,154,577
24.939	1,204,558		1,205,602

Timestamp	Transmitted	Received
<i>Seconds</i>	<i>Frames</i>	
25.935	1,252,638	1,253,761
27.569	1,336,560	1,337,802
27.938	1,354,897	1,356,132
28.936	1,405,158	1,406,518
29.936	1,454,676	1,456,144
30.940	1,505,542	1,507,067
31.938	1,556,495	1,558,079
32.946	1,607,596	1,609,339
33.935	1,657,148	1,658,912
34.938	1,705,673	1,707,491
35.939	1,753,049	1,754,901
36.946	1,801,174	1,803,088
37.941	1,851,715	1,853,738
38.937	1,902,681	1,904,804
39.947	1,952,871	1,955,062
40.937	2,001,550	2,003,771
41.937	2,052,293	2,054,556
42.936	2,100,125	2,102,449
43.937	2,149,129	2,151,459
44.935	2,199,604	2,202,063
45.933	2,248,385	2,250,985
46.946	2,300,392	2,303,072
47.940	2,350,791	2,353,613
48.935	2,400,250	2,403,170
49.940	2,452,608	2,455,626
50.942	2,501,054	2,504,145
51.934	2,552,676	2,555,790
52.942	2,603,765	2,606,990
53.944	2,650,313	2,653,545
54.950	2,702,773	2,706,119
55.934	2,753,334	2,756,704
56.936	2,804,597	2,808,066
57.941	2,854,083	2,857,621
58.933	2,905,690	2,909,302
59.934	2,952,567	2,956,200
60.940	3,001,884	3,005,553
61.936	3,047,325	3,051,282
62.580	3,059,665	3,063,684
63.581	3,059,665	3,063,684

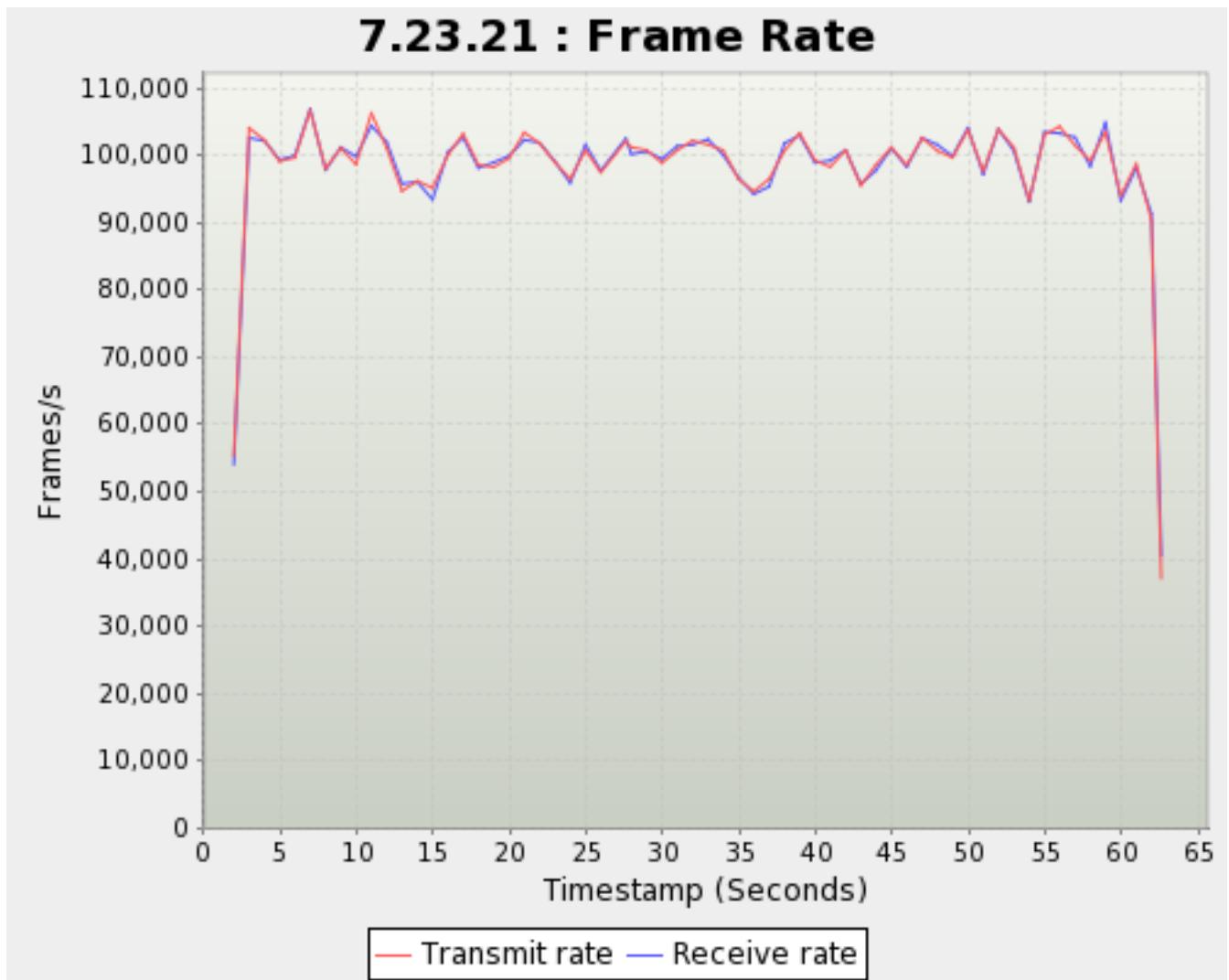
7.23.20.2. Frame Counts: 2



Timestamp Seconds	Transmitted		Received
		Frames	
1.944	54,318		52,106
2.942	106,759		103,091
3.938	157,700		153,847
4.937	207,097		203,447
5.938	256,838		253,405
6.938	310,446		307,225
7.938	359,408		355,918
8.941	410,303		406,809
9.937	459,154		456,750
10.939	512,896		508,512
11.939	563,210		559,644
12.940	610,321		607,799
13.937	658,227		655,596
14.937	706,397		701,982
15.942	756,521		752,502
16.935	808,366		803,774
17.936	857,541		852,479
18.937	906,627		902,224
19.935	955,971		951,821
20.935	1,008,345		1,002,981
21.939	1,059,266		1,053,987
22.936	1,108,457		1,103,199
23.937	1,157,129		1,151,227
24.939	1,207,263		1,202,019

Timestamp	Transmitted	Received
<i>Seconds</i>	<i>Frames</i>	
25.935	1,256,271	1,251,216
27.569	1,339,183	1,334,638
27.938	1,358,192	1,353,292
28.936	1,408,485	1,403,299
29.936	1,457,868	1,453,161
30.940	1,508,206	1,504,072
31.938	1,559,298	1,554,489
32.946	1,610,655	1,606,422
33.935	1,660,808	1,655,885
34.938	1,709,094	1,704,323
35.939	1,756,470	1,751,291
36.946	1,805,529	1,799,152
37.941	1,855,188	1,849,785
38.937	1,907,098	1,901,324
39.947	1,957,184	1,950,986
40.937	2,005,815	2,000,547
41.937	2,055,908	2,050,529
42.936	2,103,539	2,098,306
43.937	2,153,286	2,147,214
44.935	2,203,797	2,197,476
45.933	2,253,401	2,246,655
46.946	2,305,337	2,298,452
47.940	2,355,000	2,348,905
48.935	2,404,729	2,398,747
49.940	2,456,722	2,450,886
50.942	2,506,175	2,499,761
51.934	2,557,598	2,551,187
52.942	2,608,556	2,601,454
53.944	2,655,540	2,648,237
54.950	2,706,775	2,699,815
55.934	2,758,865	2,750,844
56.936	2,809,322	2,802,424
57.941	2,859,583	2,851,773
58.933	2,910,637	2,904,174
59.934	2,957,854	2,950,669
60.940	3,007,887	3,000,052
61.936	3,052,538	3,045,302
62.580	3,064,148	3,059,032
63.581	3,064,148	3,059,032

7.23.21. Frame Rate

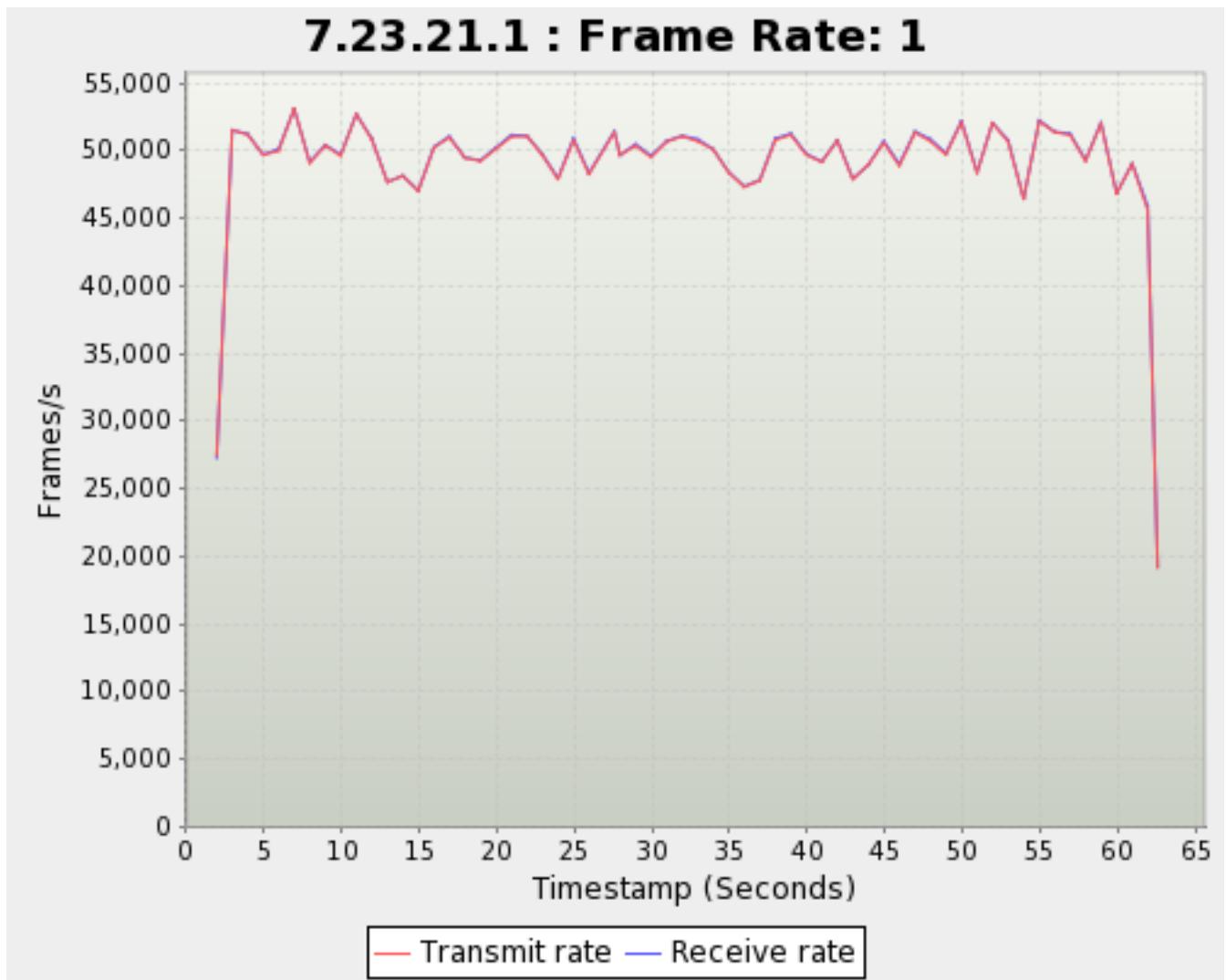


Rates can vary due to round-off errors in calculations.

Timestamp	Transmit rate	Receive rate
Seconds	Frames/s	
1.944	~55400	~54090
2.942	~104100	~102600
3.938	~102300	~102200
4.937	~99140	~99360
5.938	~99680	~100000
6.938	~106700	~106900
7.938	~98050	97,860
8.941	~101100	~101200
9.937	~98680	~99850
10.939	~106300	~104400
11.939	~101100	~102000
12.940	~94740	~95800
13.937	~96190	~96090
14.937	~95190	~93460
15.942	~100100	~100500
16.935	~103200	~102700
17.936	~98600	~98160
18.937	~98270	~98980
19.935	~99580	~99920
20.935	~103400	~102300
21.939	~101800	~101900
22.936	~99000	~99100

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.937	~96530	~95940
24.939	~100800	~101600
25.935	~97480	~97750
27.569	~102100	~102500
27.938	~101200	~100200
28.936	~100800	~100600
29.936	~98900	~99490
30.940	~100800	~101400
31.938	~102200	~101600
32.946	~101600	~102400
33.935	~100800	~100100
34.938	~96520	~96730
35.939	~94660	~94280
36.946	~96510	~95380
37.941	~100700	~101800
38.937	~103300	~103000
39.947	~99280	~98930
40.937	~98290	~99260
41.937	~100800	~100800
42.936	~95560	~95770
43.937	~98650	~97820
44.935	~101200	~101100
45.933	~98580	~98300
46.946	~102600	~102600
47.940	~100700	~101600
48.935	~99690	~99900
49.940	~103800	~104100
50.942	~97700	~97200
51.934	~103900	~103900
52.942	~101200	~100700
53.944	~93350	~93150
54.950	~103100	~103500
55.934	~104300	~103300
56.936	~101500	~102700
57.941	~99250	~98410
58.933	~103500	~104900
59.934	~94000	~93300
60.940	~98760	~98150
61.936	~90450	~91340
62.580	~37190	~40580
63.581	0.00	0.00

7.23.21.1. Frame Rate: 1

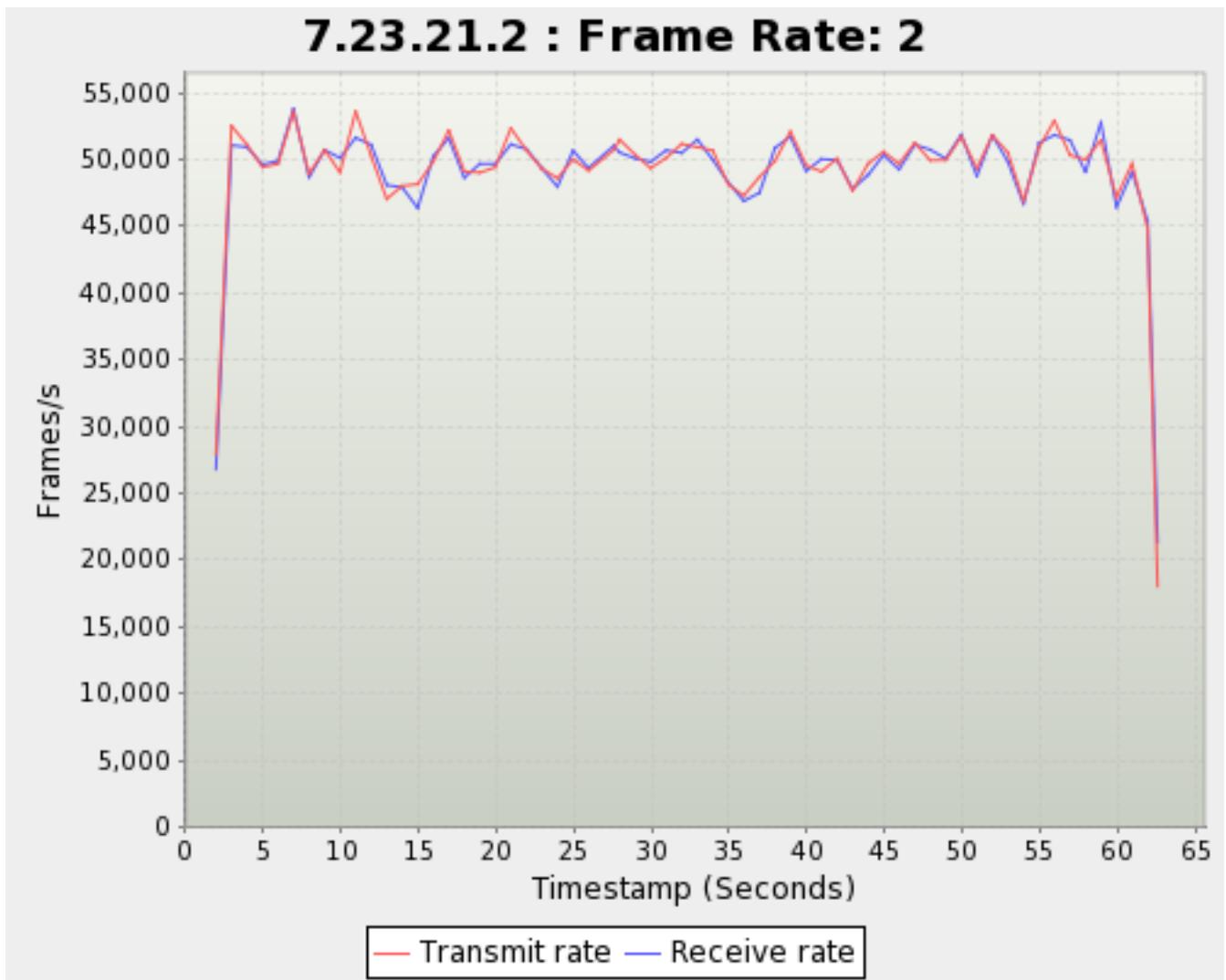


Rates can vary due to round-off errors in calculations.

Timestamp Seconds	Transmit rate		Receive rate
			Frames/s
1.944	~27460		~27280
2.942	~51520		~51530
3.938	~51190		~51240
4.937	~49690		~49710
5.938	~49990		~50140
6.938	~53100		~53100
7.938	~49090		~49170
8.941	~50370		~50430
9.937	~49630		~49710
10.939	~52690		~52720
11.939	~50840		~50900
12.940	~47680		~47700
13.937	~48140		~48150
14.937	~47020		~47070
15.942	~50230		~50280
16.935	~50970		~51060
17.936	~49480		~49500
18.937	~49230		~49290
19.935	~50140		~50220
20.935	~51030		~51170
21.939	~51070		~51110
22.936	~49660		~49740

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.937	~47900	~47960
24.939	~50770	~50920
25.935	~48270	~48350
27.569	~51360	~51430
27.938	~49690	~49670
28.936	~50360	~50490
29.936	~49520	~49630
30.940	~50660	~50720
31.938	~51060	~51110
32.946	~50700	~50850
33.935	~50100	~50120
34.938	~48380	~48430
35.939	~47330	~47360
36.946	~47790	~47850
37.941	~50790	~50900
38.937	~51170	~51270
39.947	~49690	~49760
40.937	~49170	~49200
41.937	~50740	~50790
42.936	~47880	~47940
43.937	~48960	~48960
44.935	~50580	~50710
45.933	~48880	~49020
46.946	~51340	~51420
47.940	~50700	~50850
48.935	~49710	~49810
49.940	~52100	~52200
50.942	~48350	~48420
51.934	~52040	~52060
52.942	~50680	~50790
53.944	~46460	~46460
54.950	~52150	~52260
55.934	~51380	~51410
56.936	~51160	~51260
57.941	~49240	~49310
58.933	~52020	~52100
59.934	~46830	~46850
60.940	~49020	~49060
61.936	~45620	~45910
62.580	~19160	~19260
63.581	0.00	0.00

7.23.21.2. Frame Rate: 2

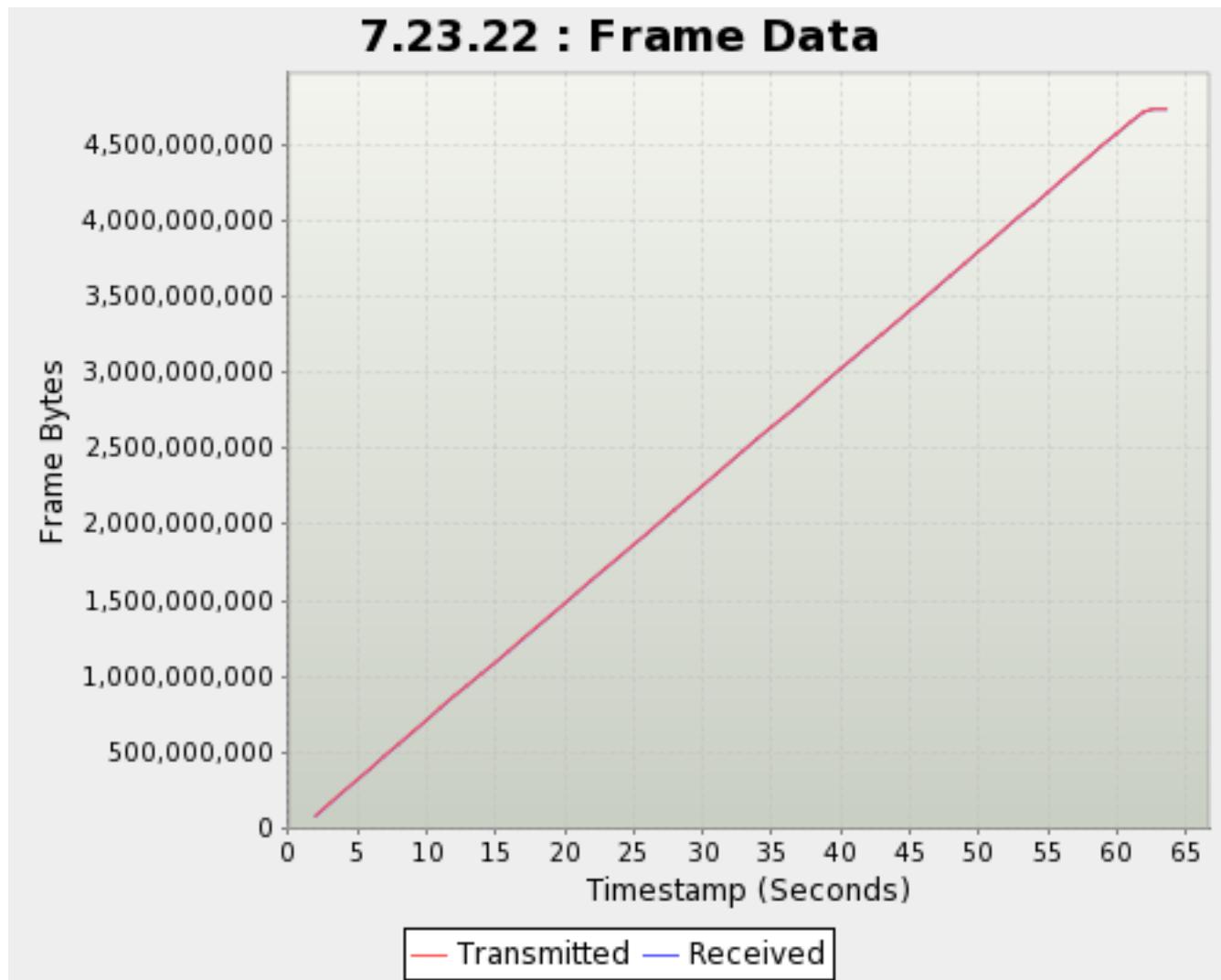


Rates can vary due to round-off errors in calculations.

Timestamp Seconds	Transmit rate		Receive rate
			Frames/s
1.944	~27940		~26800
2.942	~52550		~51090
3.938	~51150		~50960
4.937	~49450		~49650
5.938	~49690		~49910
6.938	~53610		53,820
7.938	~48960		~48690
8.941	~50740		~50740
9.937	~49050		~50140
10.939	~53630		~51660
11.939	~50310		~51130
12.940	~47060		~48110
13.937	~48050		~47940
14.937	48,170		~46390
15.942	~49870		~50270
16.935	~52210		~51630
17.936	~49130		~48660
18.937	~49040		~49700
19.935	~49440		~49700
20.935	~52370		51,160
21.939	~50720		~50800
22.936	~49340		~49360

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.937	~48620	~47980
24.939	~50030	~50690
25.935	~49200	~49390
27.569	~50740	~51050
27.938	~51510	~50550
28.936	~50390	~50110
29.936	~49380	~49860
30.940	~50140	~50710
31.938	~51190	~50520
32.946	~50950	~51520
33.935	~50710	~50010
34.938	~48140	~48290
35.939	~47330	~46920
36.946	~48720	~47530
37.941	~49910	~50890
38.937	~52120	~51750
39.947	~49590	~49170
40.937	~49120	~50060
41.937	~50090	~49980
42.936	~47680	~47820
43.937	~49700	~48860
44.935	~50610	~50360
45.933	~49700	~49280
46.946	~51270	~51130
47.940	~49960	~50760
48.935	~49980	~50090
49.940	~51730	~51880
50.942	~49350	~48780
51.934	~51840	~51840
52.942	~50550	~49870
53.944	~46890	~46690
54.950	~50930	~51270
55.934	~52940	~51860
56.936	~50360	~51480
57.941	~50010	~49100
58.933	~51470	~52820
59.934	~47170	~46450
60.940	~49730	~49090
61.936	~44830	~45430
62.580	~18030	~21320
63.581	0.00	0.00

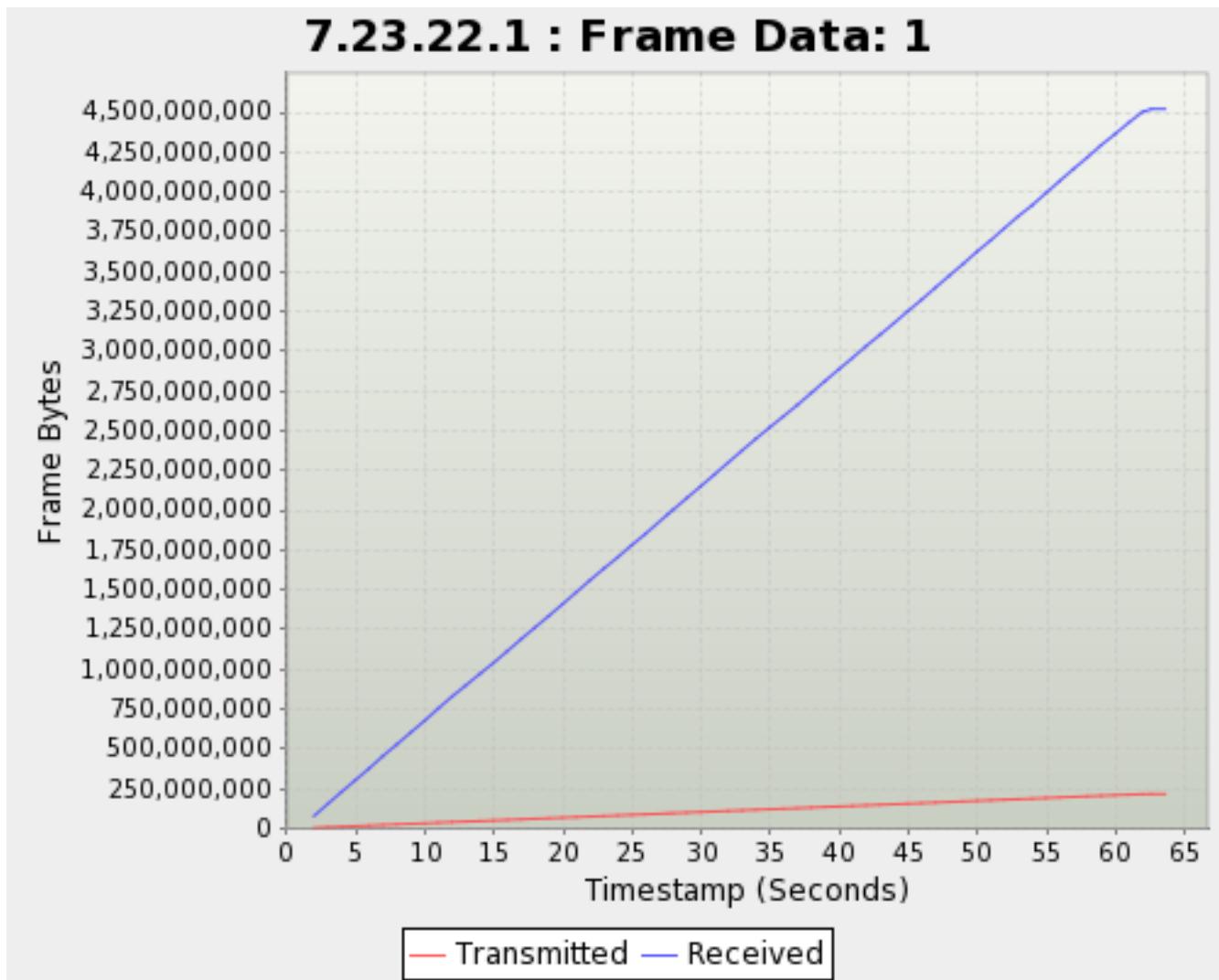
7.23.22. Frame Data



Timestamp Seconds	Transmitted		Received
	Frame bytes		
1.944	83,830,441		81,852,635
2.942	164,922,702		161,405,262
3.938	243,832,104		240,450,725
4.937	320,202,704		317,263,606
5.938	397,014,736		394,704,426
6.938	479,796,115		476,771,892
7.938	555,562,561		552,787,063
8.941	634,345,385		631,139,117
9.937	709,890,578		707,704,838
10.939	792,957,551		789,349,360
11.939	870,775,951		868,028,287
12.940	943,705,966		941,952,392
13.937	1,017,849,690		1,016,228,451
14.937	1,092,348,569		1,089,053,339
15.942	1,169,895,837		1,167,203,614
16.935	1,249,937,924		1,245,596,972
17.936	1,325,988,709		1,322,152,797
18.937	1,401,866,707		1,398,430,392
19.935	1,478,268,617		1,475,960,590
20.935	1,559,059,080		1,554,948,485
21.939	1,637,913,572		1,634,376,271
22.936	1,713,901,152		1,710,953,882
23.937	1,789,127,710		1,785,181,180
24.939	1,866,697,350		1,864,066,086

Timestamp	Transmitted	Received
Seconds	Frame bytes	
25.935	1,942,417,635	1,938,602,396
27.569	2,070,672,645	2,068,519,935
27.938	2,100,015,117	2,096,877,756
28.936	2,177,742,256	2,174,726,024
29.936	2,254,027,675	2,251,378,530
30.940	2,331,863,701	2,330,084,889
31.938	2,410,891,024	2,408,962,066
32.946	2,490,307,801	2,488,299,280
33.935	2,567,718,317	2,564,846,820
34.938	2,642,343,839	2,639,897,821
35.939	2,715,615,317	2,713,186,003
36.946	2,791,511,272	2,787,752,446
37.941	2,868,308,078	2,866,059,563
38.937	2,948,426,157	2,944,929,883
39.947	3,025,849,405	3,022,576,660
40.937	3,101,103,301	3,098,034,684
41.937	3,178,623,440	3,176,521,134
42.936	3,252,202,134	3,250,464,167
43.937	3,329,210,327	3,326,383,102
44.935	3,407,352,364	3,404,639,898
45.933	3,483,939,850	3,480,264,398
46.946	3,564,219,735	3,560,761,976
47.940	3,640,997,575	3,638,839,083
48.935	3,717,870,120	3,715,458,745
49.940	3,798,353,406	3,796,632,494
50.942	3,874,776,811	3,871,689,414
51.934	3,954,201,563	3,951,433,518
52.942	4,033,042,356	4,030,573,900
53.944	4,105,638,269	4,102,570,601
54.950	4,184,927,029	4,183,778,217
55.934	4,265,360,658	4,261,999,876
56.936	4,343,407,674	4,341,393,618
57.941	4,421,093,235	4,418,041,001
58.933	4,500,029,941	4,497,950,277
59.934	4,572,973,600	4,570,408,795
60.940	4,650,267,769	4,646,679,293
61.936	4,719,477,949	4,717,478,331
62.580	4,737,415,567	4,736,694,852
63.581	4,737,415,567	4,736,694,852

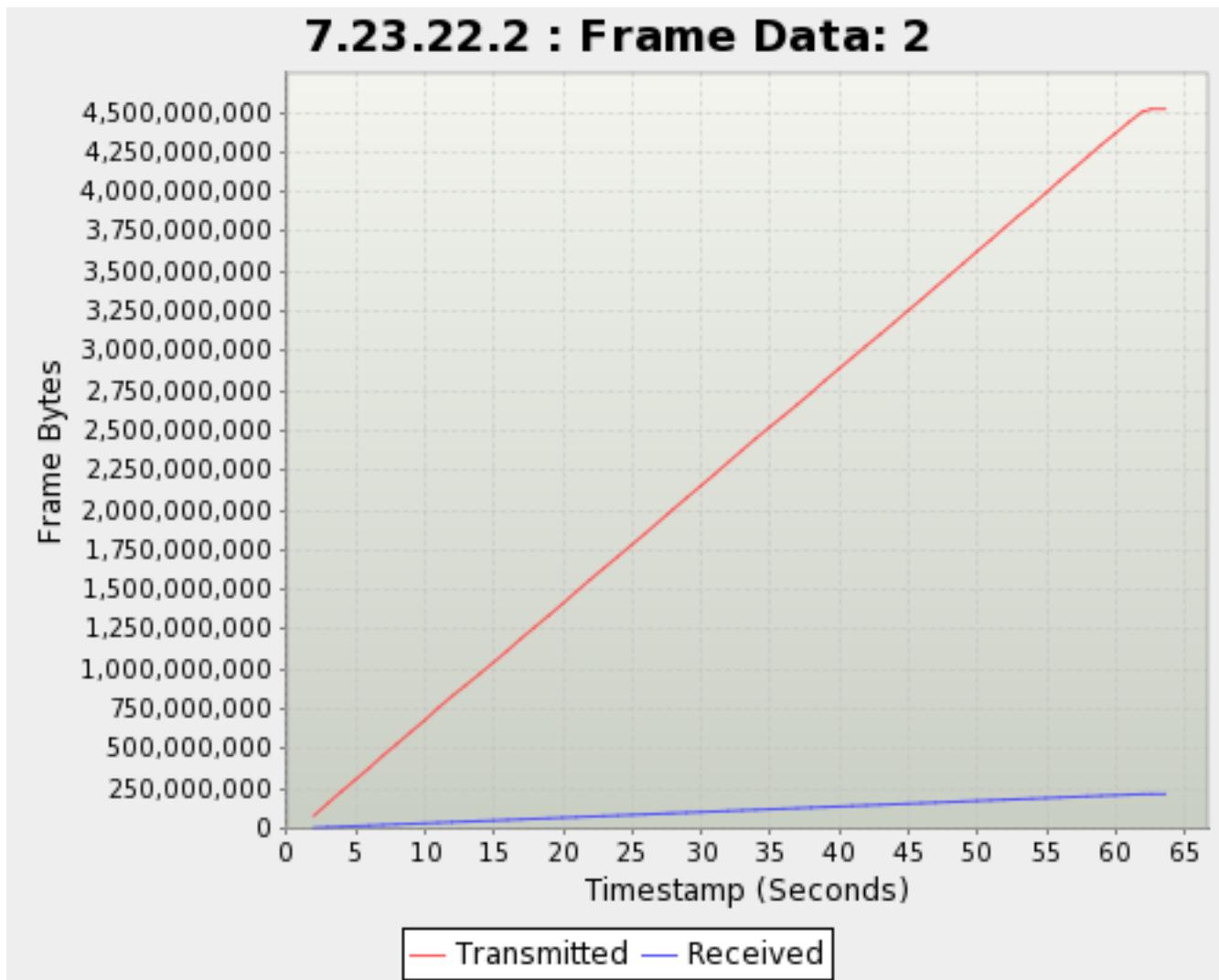
7.23.22.1. Frame Data: 1



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
1.944	3,821,398		78,123,247
2.942	7,459,226		154,068,136
3.938	11,060,238		229,526,211
4.937	14,568,980		302,834,236
5.938	18,109,430		376,742,212
6.938	21,870,760		454,997,730
7.938	25,341,594		527,568,455
8.941	28,907,710		602,327,903
9.937	32,405,582		675,361,306
10.939	36,133,772		753,350,080
11.939	39,731,506		828,410,971
12.940	43,100,668		898,934,226
13.937	46,492,358		969,831,703
14.937	49,815,984		1,039,377,463
15.942	53,380,666		1,113,960,858
16.935	56,958,888		1,188,730,144
17.936	60,458,398		1,261,844,003
18.937	63,943,602		1,334,603,740
19.935	67,477,422		1,408,631,936
20.935	71,087,322		1,483,999,779
21.939	74,708,386		1,559,825,289
22.936	78,208,468		1,632,924,204
23.937	81,598,652		1,703,756,474
24.939	85,192,924		1,779,051,856

Timestamp	Transmitted	Received
Seconds	Frame bytes	
25.935	88,590,904	1,850,113,176
27.569	94,519,770	1,974,136,063
27.938	95,818,106	2,001,174,368
28.936	99,369,492	2,075,488,122
29.936	102,872,180	2,148,614,092
30.940	106,470,656	2,223,719,029
31.938	110,069,360	2,299,034,180
32.946	113,679,168	2,374,703,008
33.935	117,186,876	2,447,749,806
34.938	120,621,320	2,519,373,951
35.939	123,968,494	2,589,342,481
36.946	127,367,456	2,660,527,498
37.941	130,938,682	2,735,257,653
38.937	134,542,094	2,810,484,955
39.947	138,093,698	2,884,615,864
40.937	141,530,028	2,956,576,550
41.937	145,115,366	3,031,530,912
42.936	148,500,290	3,102,091,719
43.937	151,961,922	3,174,556,446
44.935	155,529,758	3,249,261,334
45.933	158,977,442	3,321,409,252
46.946	162,651,776	3,398,247,892
47.940	166,219,044	3,472,753,349
48.935	169,716,540	3,545,848,135
49.940	173,414,478	3,623,339,778
50.942	176,836,380	3,694,944,760
51.934	180,489,208	3,771,049,972
52.942	184,099,340	3,846,637,404
53.944	187,390,426	3,915,327,175
54.950	191,098,798	3,992,887,431
55.934	194,674,996	4,067,500,864
56.936	198,300,290	4,143,248,526
57.941	201,795,986	4,216,407,203
58.933	205,443,488	4,292,615,049
59.934	208,757,762	4,361,785,817
60.940	212,246,376	4,434,563,769
61.936	215,431,982	4,502,187,963
62.580	216,295,782	4,520,443,384
63.581	216,295,782	4,520,443,384

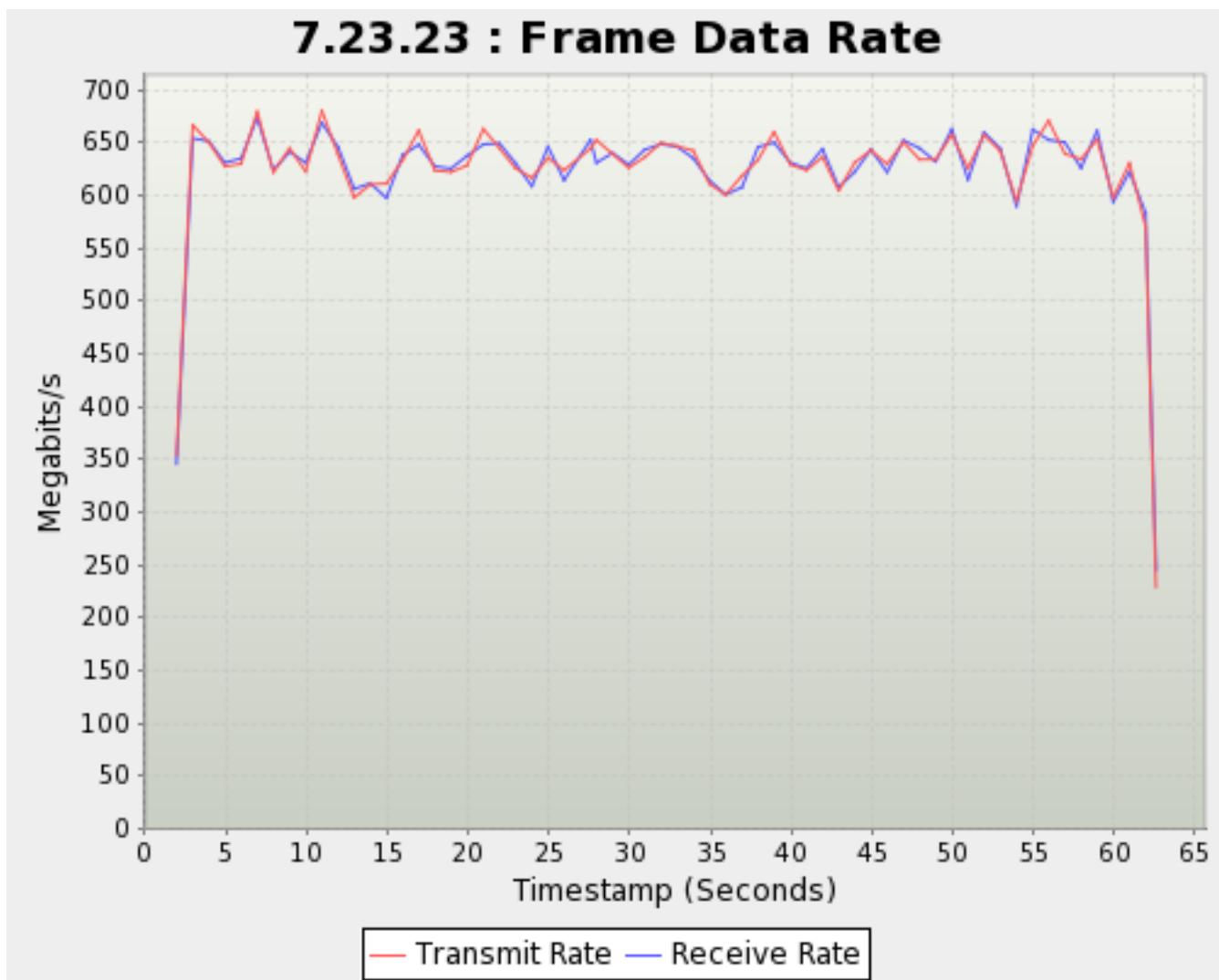
7.23.22.2. Frame Data: 2



Timestamp	Transmitted	Received
Seconds		Frame bytes
1.944	80,009,043	3,729,388
2.942	157,463,476	7,337,126
3.938	232,771,866	10,924,514
4.937	305,633,724	14,429,370
5.938	378,905,306	17,962,214
6.938	457,925,355	21,774,162
7.938	530,220,967	25,218,608
8.941	605,437,675	28,811,214
9.937	677,484,996	32,343,532
10.939	756,823,779	35,999,280
11.939	831,044,445	39,617,316
12.940	900,605,298	43,018,166
13.937	971,357,332	46,396,748
14.937	1,042,532,585	49,675,876
15.942	1,116,515,171	53,242,756
16.935	1,192,979,036	56,866,828
17.936	1,265,530,311	60,308,794
18.937	1,337,923,105	63,826,652
19.935	1,410,791,195	67,328,654
20.935	1,487,971,758	70,948,706
21.939	1,563,205,186	74,550,982
22.936	1,635,692,684	78,029,678
23.937	1,707,529,058	81,424,706
24.939	1,781,504,426	85,014,230

Timestamp	Transmitted	Received
Seconds	Frame bytes	
25.935	1,853,826,731	88,489,220
27.569	1,976,152,875	94,383,872
27.938	2,004,197,011	95,703,388
28.936	2,078,372,764	99,237,902
29.936	2,151,155,495	102,764,438
30.940	2,225,393,045	106,365,860
31.938	2,300,821,664	109,927,886
32.946	2,376,628,633	113,596,272
33.935	2,450,531,441	117,097,014
34.938	2,521,722,519	120,523,870
35.939	2,591,646,823	123,843,522
36.946	2,664,143,816	127,224,948
37.941	2,737,369,396	130,801,910
38.937	2,813,884,063	134,444,928
39.947	2,887,755,707	137,960,796
40.937	2,959,573,273	141,458,134
41.937	3,033,508,074	144,990,222
42.936	3,103,701,844	148,372,448
43.937	3,177,248,405	151,826,656
44.935	3,251,822,606	155,378,564
45.933	3,324,962,408	158,855,146
46.946	3,401,567,959	162,514,084
47.940	3,474,778,531	166,085,734
48.935	3,548,153,580	169,610,610
49.940	3,624,938,928	173,292,716
50.942	3,697,940,431	176,744,654
51.934	3,773,712,355	180,383,546
52.942	3,848,943,016	183,936,496
53.944	3,918,247,843	187,243,426
54.950	3,993,828,231	190,890,786
55.934	4,070,685,662	194,499,012
56.936	4,145,107,384	198,145,092
57.941	4,219,297,249	201,633,798
58.933	4,294,586,453	205,335,228
59.934	4,364,215,838	208,622,978
60.940	4,438,021,393	212,115,524
61.936	4,504,045,967	215,290,368
62.580	4,521,119,785	216,251,468
63.581	4,521,119,785	216,251,468

7.23.23. Frame Data Rate



Data Rate shown includes Ethernet overhead.

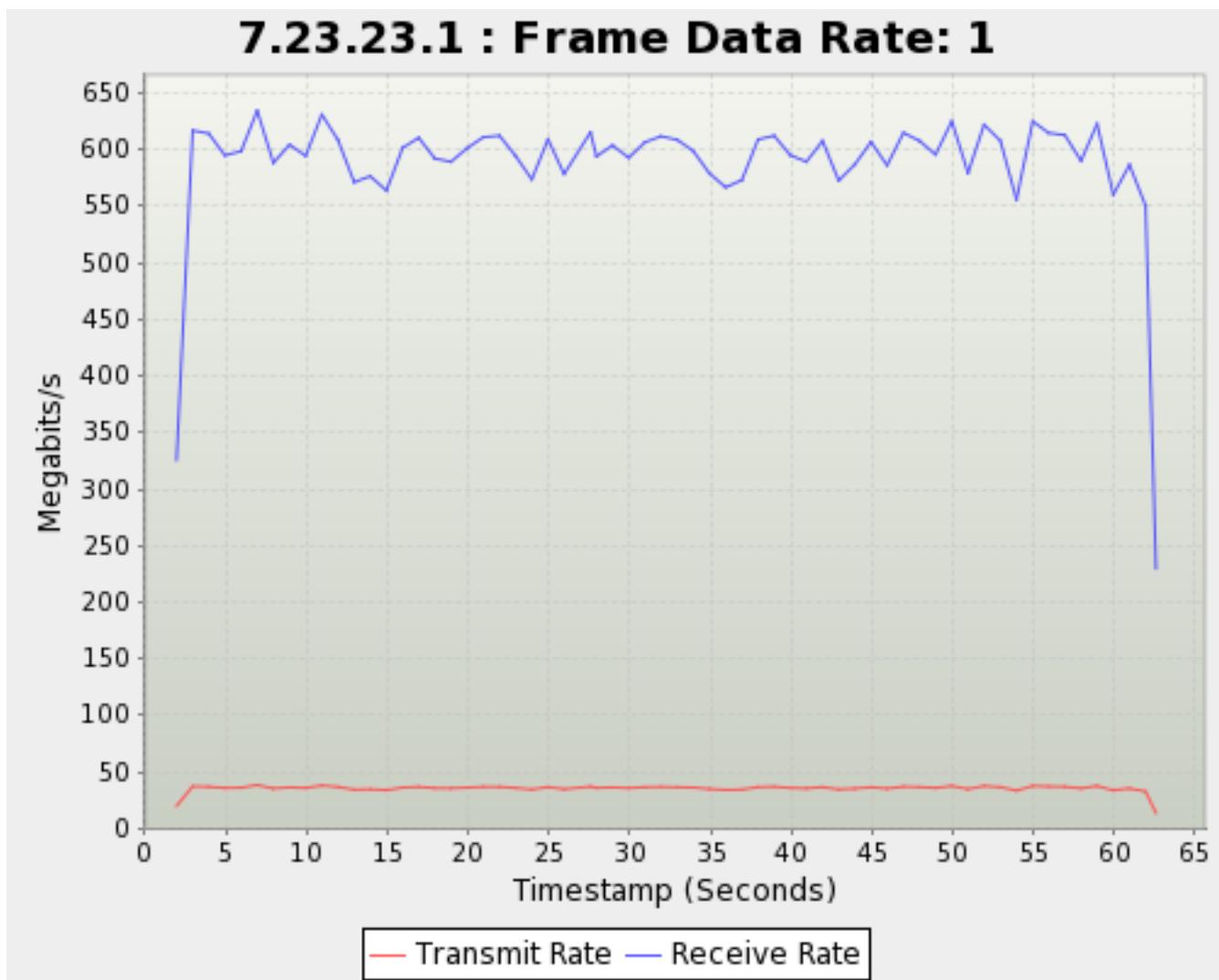
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit Rate	Receive Rate
		Megabits/s
1.944	353.8	345.5
2.942	666.7	654.1
3.938	650.2	651.3
4.937	627.4	~631
5.938	629.8	634.9
6.938	679.3	673.6
7.938	621.8	623.8
8.941	644.6	641.1
9.937	622.6	~631
10.939	680.2	668.6
11.939	638.7	645.8
12.940	~598	606.1
13.937	610.3	611.4
14.937	611.2	597.6
15.942	633.3	638.2
16.935	661.4	~648
17.936	623.6	627.5
18.937	622.1	625.4
19.935	628.4	637.5

Timestamp	Seconds	Transmit Rate	Receive Rate
			Megabits/s
20.935		662.9	648.3
21.939		644.6	649.2
22.936		625.6	630.3
23.937		616.7	608.6
24.939		635.4	646.1
25.935		623.8	614.3
27.569		644.3	652.5
27.938		652.3	630.8
28.936		639.2	640.1
29.936		626.1	629.1
30.940		636.3	643.4
31.938		649.8	648.5
32.946		646.6	~646
33.935		642.3	635.2
34.938		610.7	614.1
35.939		600.7	600.8
36.946		618.4	607.6
37.941		633.6	645.9
38.937		~660	~650
39.947		629.1	630.9
40.937		623.8	625.6
41.937		636.3	~644
42.936		604.5	607.5
43.937		631.2	622.4
44.935		642.6	643.5
45.933		629.7	621.9
46.946		650.4	652.1
47.940		~634	644.6
48.935		~634	~632
49.940		657.3	662.8
50.942		625.8	614.8
51.934		657.1	659.7
52.942		641.9	644.2
53.944		594.5	589.7
54.950		~647	662.4
55.934		670.6	652.5
56.936		639.4	650.3
57.941		634.3	625.9
58.933		653.1	661.2
59.934		~598	~594
60.940		630.5	622.2
61.936		570.4	583.3
62.580		228.8	245.2
63.581		0	0

7.23.23.1. Frame Data Rate: 1



Data Rate shown includes Ethernet overhead.

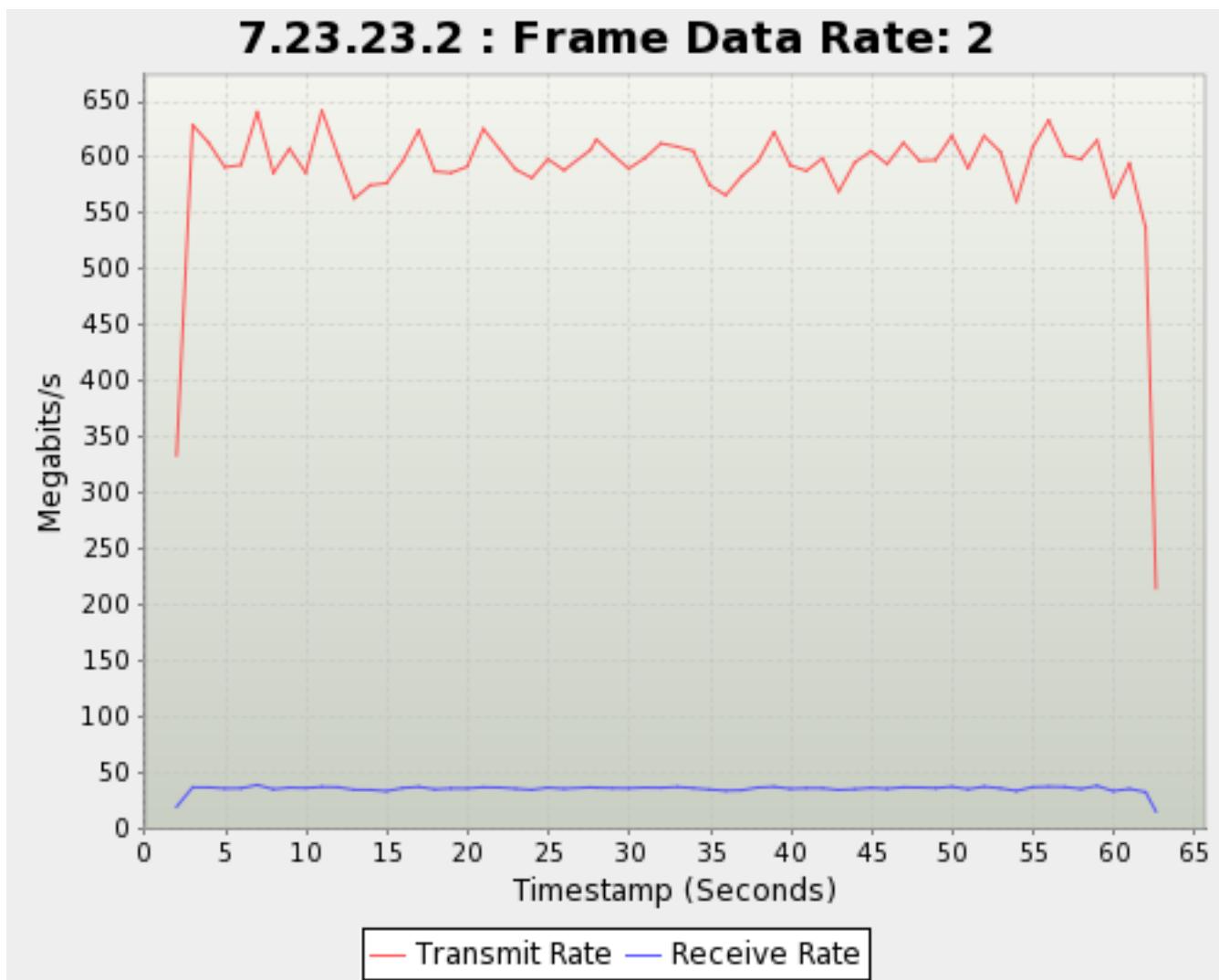
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit Rate	Receive Rate
		Megabits/s
1.944	20.12	325.9
2.942	37.40	~617
3.938	37.11	614.3
4.937	36.05	~595
5.938	36.29	598.7
6.938	38.59	634.5
7.938	35.62	588.4
8.941	36.50	604.4
9.937	36.04	594.6
10.939	38.20	631.1
11.939	36.92	608.6
12.940	34.55	571.3
13.937	34.92	576.6
14.937	34.11	563.9
15.942	36.41	601.7
16.935	36.98	610.5
17.936	35.88	592.2
18.937	35.73	589.4
19.935	36.35	601.4

Timestamp	<i>Seconds</i>	Transmit Rate	Receive Rate
			Megabits/s
20.935	37.04		611.1
21.939	37.02		612.4
22.936	36.03		594.5
23.937	34.76		573.8
24.939	36.82		609.3
25.935	35.02		578.5
27.569	37.25		615.4
27.938	36.10		594.1
28.936	36.53		603.8
29.936	35.94		592.9
30.940	36.78		606.6
31.938	37.02		611.9
32.946	36.76		608.7
33.935	36.39		598.9
34.938	35.13		~579
35.939	34.32		566.8
36.946	34.65		573.2
37.941	36.84		~609
38.937	37.13		612.4
39.947	36.08		595.1
40.937	35.64		589.4
41.937	36.80		607.8
42.936	34.77		572.7
43.937	35.50		~587
44.935	36.69		606.9
45.933	35.46		586.2
46.946	37.23		~615
47.940	36.82		607.8
48.935	36.07		595.7
49.940	37.77		625.2
50.942	35.06		579.4
51.934	37.78		622.1
52.942	36.76		~608
53.944	33.71		555.9
54.950	37.83		625.1
55.934	37.30		614.8
56.936	37.13		~613
57.941	35.70		590.2
58.933	37.74		622.9
59.934	33.98		560.3
60.940	35.59		586.6
61.936	32.89		550.5
62.580	13.80		229.9
63.581	0		0

7.23.23.2. Frame Data Rate: 2



Data Rate shown includes Ethernet overhead.

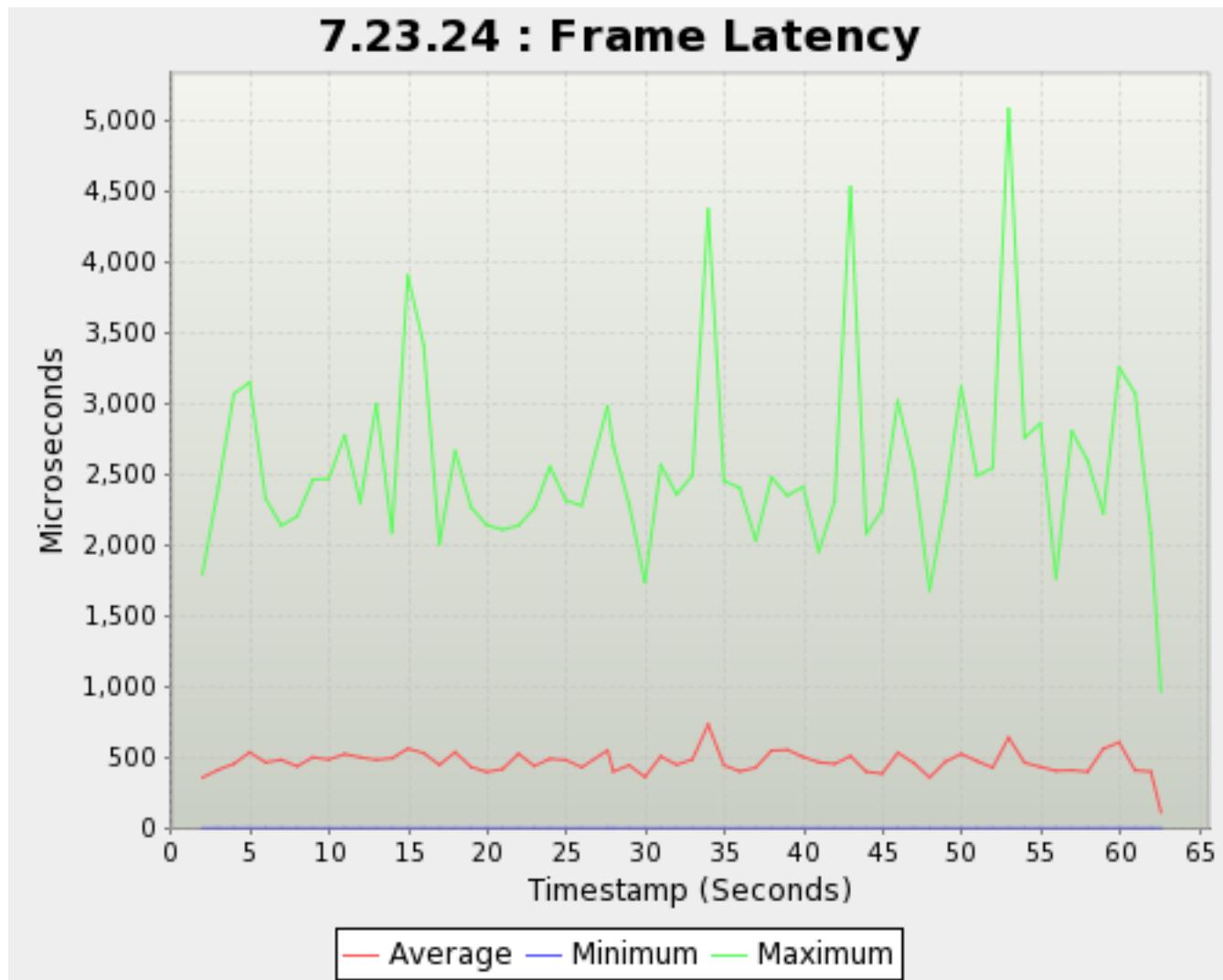
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit Rate	Receive Rate
		Megabits/s
1.944	333.7	19.64
2.942	629.3	37.09
3.938	613.1	36.97
4.937	591.4	36.01
5.938	593.5	36.22
6.938	640.7	39.11
7.938	586.2	35.35
8.941	608.1	36.77
9.937	586.5	36.39
10.939	~642	37.45
11.939	601.8	37.13
12.940	563.5	34.88
13.937	575.4	34.78
14.937	577.1	33.65
15.942	596.9	36.44
16.935	624.4	37.46
17.936	587.7	35.29
18.937	586.4	36.07
19.935	~592	36.02

Timestamp	<i>Seconds</i>	Transmit Rate	Receive Rate
			Megabits/s
20.935		625.8	37.15
21.939		607.6	36.83
22.936		589.5	35.81
23.937		581.9	34.81
24.939		598.6	36.77
25.935		588.8	35.81
27.569		-607	37.03
27.938		616.2	36.70
28.936		602.7	36.35
29.936		590.2	36.19
30.940		599.6	36.81
31.938		612.8	36.64
32.946		609.8	37.36
33.935		605.9	36.32
34.938		575.5	35.06
35.939		566.4	34.04
36.946		583.7	34.47
37.941		596.7	36.90
38.937		622.9	37.54
39.947		593.1	35.72
40.937		588.2	36.27
41.937		599.5	36.25
42.936		569.7	34.74
43.937		595.7	35.42
44.935		605.9	36.53
45.933		594.2	35.75
46.946		613.2	37.08
47.940		597.2	36.87
48.935		597.9	36.36
49.940		619.5	37.61
50.942		590.7	35.36
51.934		619.4	37.64
52.942		605.2	36.18
53.944		560.8	33.87
54.950		609.2	37.21
55.934		633.3	37.63
56.936		602.2	37.35
57.941		598.6	35.63
58.933		615.4	38.30
59.934		-564	33.71
60.940		594.9	35.63
61.936		537.5	32.77
62.580		-215	15.35
63.581		0	0

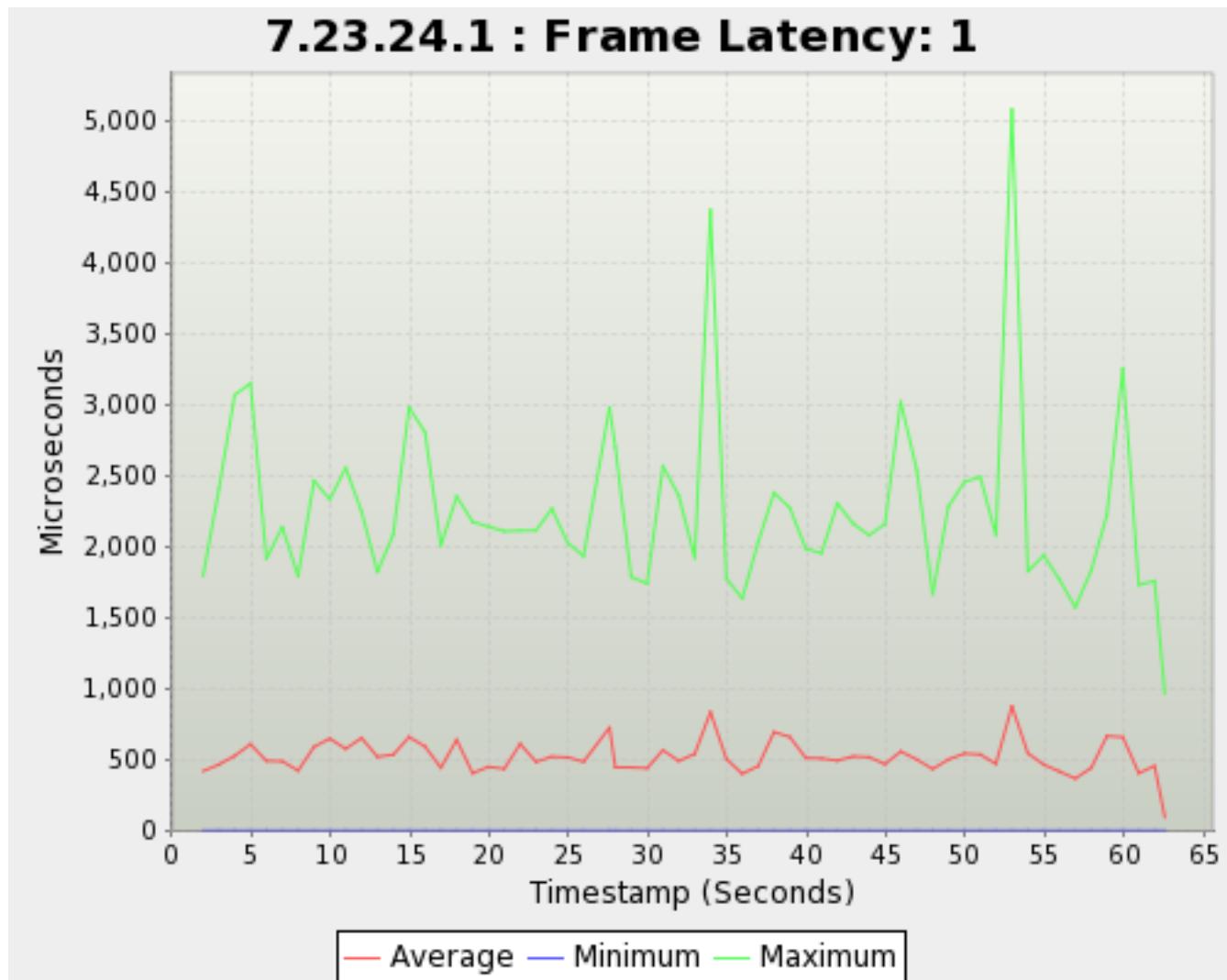
7.23.24. Frame Latency



Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
1.944	359.028	1.500	1,793.250
2.942	413.828	1.500	2,404.375
3.938	456.798	1.500	3,068.625
4.937	537.093	1.375	3,150.625
5.938	466.829	1.500	2,329.375
6.938	484.168	1.250	2,138.750
7.938	439.284	1.375	2,204.250
8.941	502.562	1.375	2,464.375
9.937	486.275	1.375	2,469
10.939	525.055	1.500	2,775.375
11.939	502.124	1.375	2,301.250
12.940	484.574	1.375	2,997.125
13.937	495.182	1.500	2,093.500
14.937	563.702	1.375	3,903.750
15.942	532.055	1.375	3,415.500
16.935	448.891	1.375	2,008.750
17.936	538.381	1.500	2,664.125
18.937	434.577	1.500	2,268.250
19.935	399.025	1.500	2,141.625
20.935	419.695	1.500	2,109.750
21.939	526.711	1.500	2,138.875
22.936	441.650	1.500	2,260.375
23.937	491.815	1.375	2,553.500
24.939	483.270	1.375	2,316

Timestamp	Average	Minimum	Maximum
Seconds		Microseconds	
25.935	432.206	1.375	2,279.875
27.569	551.125	1.375	2,980.500
27.938	402.248	1.500	2,699.250
28.936	446.544	1.250	2,291.125
29.936	364.175	1.375	1,741
30.940	509.468	1.375	2,568.625
31.938	449.476	1.375	2,358.625
32.946	487.940	1.500	2,493.250
33.935	733.870	1.375	4,373
34.938	446.243	1.375	2,454.750
35.939	403.197	1.500	2,404.375
36.946	429.618	1.500	2,033.500
37.941	550.210	1.500	2,479.875
38.937	555.415	1.375	2,350.500
39.947	504.924	1.500	2,412.375
40.937	467.700	1.500	1,954.250
41.937	455.851	1.500	2,310.250
42.936	510.270	1.375	4,528.125
43.937	400.883	1.250	2,081.375
44.935	386.855	1.375	2,248.875
45.933	534.302	1.500	3,021.250
46.946	462.665	1.375	2,539.250
47.940	359.179	1.375	1,681.125
48.935	470.613	1.500	2,308.875
49.940	526.471	1.375	3,121.875
50.942	475.884	1.500	2,492.250
51.934	429.015	1.500	2,545.250
52.942	641.947	1.375	5,080.250
53.944	464.770	1.500	2,757.625
54.950	434.278	1.375	2,861.375
55.934	406.955	1.375	1,769
56.936	410.799	1.250	2,805.875
57.941	400.594	1.500	2,596.625
58.933	562.735	1.500	2,225.875
59.934	607.843	1.500	3,254.625
60.940	409.918	1.500	3,072.750
61.936	401.859	1.375	2,083.750
62.580	114.037	1.500	966.625

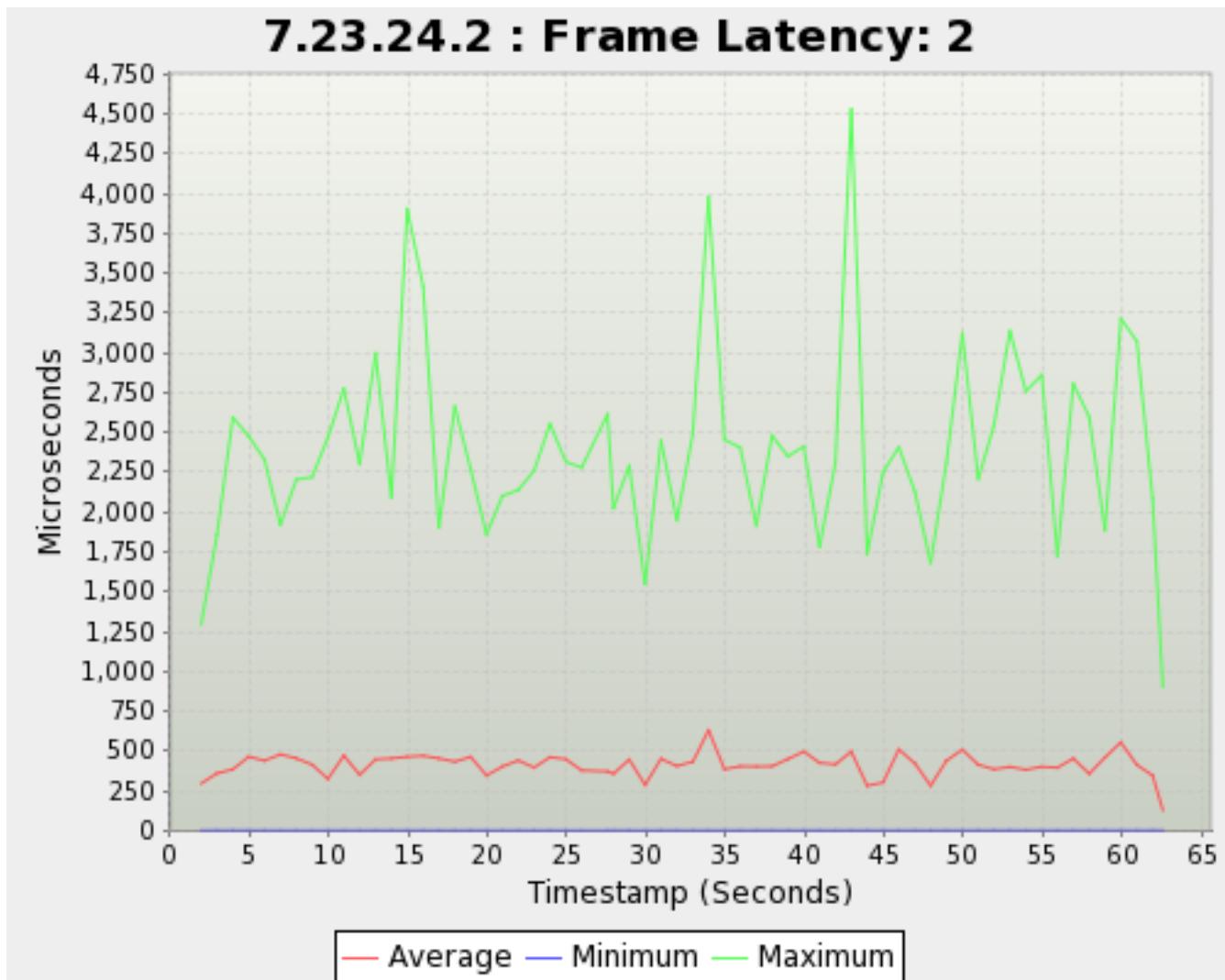
7.23.24.1. Frame Latency: 1



Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
1.944	420.053	1.500	1,793.250
2.942	466.203	1.500	2,404.375
3.938	527.692	1.500	3,068.625
4.937	609.292	1.375	3,150.625
5.938	492.557	1.500	1,915.250
6.938	489.376	1.250	2,138.750
7.938	423.754	1.375	1,793.625
8.941	590.829	1.375	2,464.375
9.937	649.345	1.375	2,333.875
10.939	577.219	1.500	2,555.500
11.939	653.159	1.375	2,247.875
12.940	521.018	1.375	1,822.750
13.937	536.138	1.500	2,087.375
14.937	660.750	1.375	2,981.375
15.942	593.230	1.375	2,806.125
16.935	443.605	1.375	2,008.750
17.936	641.039	1.500	2,354.625
18.937	405.722	1.500	2,175.875
19.935	450.202	1.500	2,141.625
20.935	436.209	1.500	2,109.750
21.939	611.612	1.500	2,113.875
22.936	485.494	1.500	2,114.625
23.937	521.531	1.375	2,267.125
24.939	516.828	1.375	2,025.625

Timestamp	Average	Minimum	Maximum
Seconds		Microseconds	
25.935	486.408	1.375	1,934.750
27.569	726.322	1.375	2,980.500
27.938	446.749	1.500	2,699.250
28.936	446.279	1.250	1,787.500
29.936	440.484	1.375	1,741
30.940	567.233	1.375	2,568.625
31.938	491.243	1.375	2,358.625
32.946	541.912	1.500	1,921.875
33.935	835.998	1.375	4,373
34.938	505.666	1.375	1,776.375
35.939	401.727	1.500	1,635.875
36.946	455.492	1.500	2,033.500
37.941	694.897	1.500	2,380
38.937	660.727	1.375	2,274.375
39.947	512.692	1.500	1,986.625
40.937	509.386	1.500	1,954.250
41.937	493.973	1.500	2,305.375
42.936	523.524	1.375	2,162.125
43.937	518.551	1.250	2,081.375
44.935	469.627	1.375	2,160.625
45.933	558.308	1.500	3,021.250
46.946	501.985	1.375	2,539.250
47.940	435.164	1.375	1,666.625
48.935	501.530	1.500	2,282.125
49.940	543.696	1.375	2,455.875
50.942	537.088	1.500	2,492.250
51.934	471.624	1.500	2,081.625
52.942	876.859	1.375	5,080.250
53.944	545.968	1.500	1,826.875
54.950	465.804	1.375	1,939
55.934	417.660	1.375	1,769
56.936	368.251	1.250	1,574.125
57.941	442.470	1.500	1,832.250
58.933	667.344	1.500	2,225.875
59.934	659.266	1.500	3,254.625
60.940	405.863	1.500	1,732.250
61.936	456.187	1.375	1,758
62.580	96.793	1.500	966.625

7.23.24.2. Frame Latency: 2



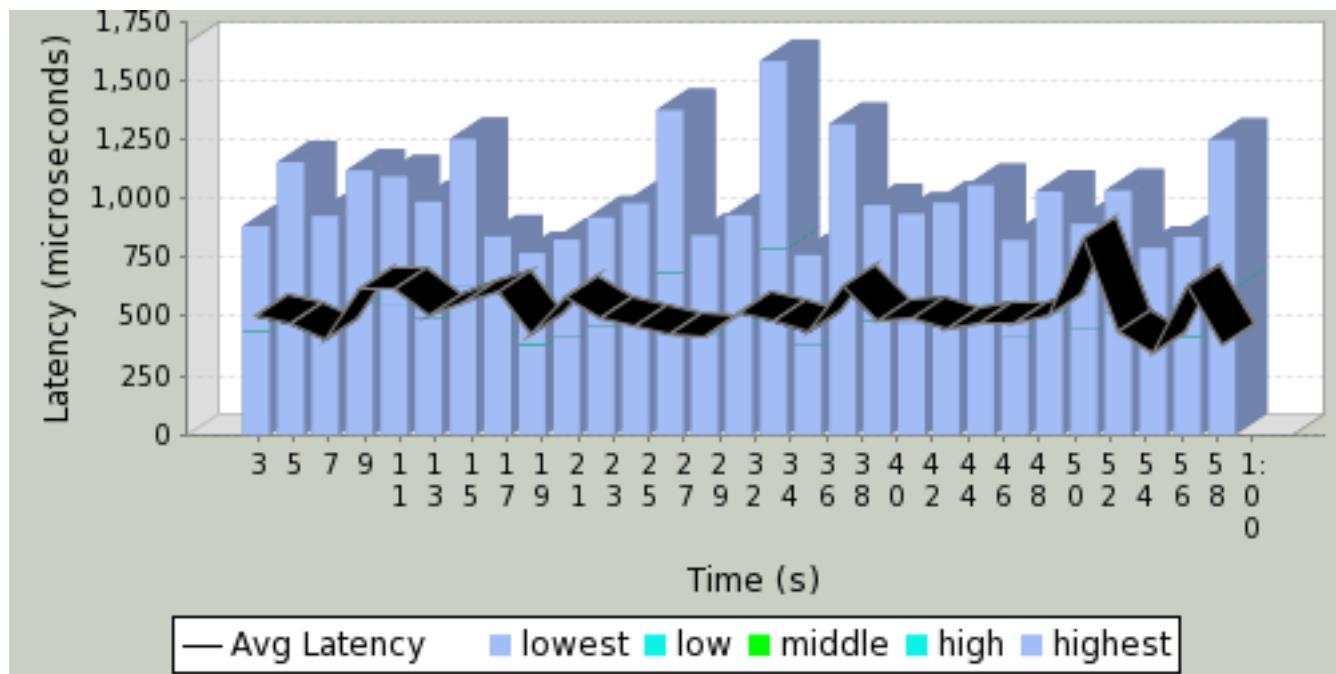
Timestamp	Average	Minimum	Maximum
Seconds			Microseconds
1.944	296.744	1.500	1,297.750
2.942	360.672	1.625	1,857.500
3.938	385.263	1.625	2,594.750
4.937	464.852	1.500	2,477.125
5.938	440.683	1.500	2,329.375
6.938	479.003	1.500	1,921.250
7.938	454.995	1.500	2,204.250
8.941	414.456	1.500	2,220.125
9.937	326.161	1.375	2,469
10.939	471.927	1.625	2,775.375
11.939	351.386	1.500	2,301.250
12.940	448.355	1.625	2,997.125
13.937	453.758	1.625	2,093.500
14.937	464.762	1.500	3,903.750
15.942	470.518	1.625	3,415.500
16.935	454.143	1.625	1,903.375
17.936	433.541	1.625	2,664.125
18.937	463.516	1.750	2,268.250
19.935	347.279	1.750	1,861
20.935	403.102	1.625	2,101.375
21.939	441.269	1.625	2,138.875
22.936	397.276	1.625	2,260.375
23.937	461.701	1.750	2,553.500
24.939	449.185	1.500	2,316

Timestamp	Average	Minimum	Maximum
Seconds		Microseconds	
25.935	378.793	1.500	2,279.875
27.569	373.013	1.375	2,614.750
27.938	358.062	1.750	2,025.375
28.936	446.813	1.750	2,291.125
29.936	287.817	1.500	1,549.625
30.940	451.675	1.750	2,450
31.938	406.654	1.750	1,948.625
32.946	433.587	1.625	2,493.250
33.935	631.448	1.500	3,978
34.938	386.254	1.750	2,454.750
35.939	404.682	1.625	2,404.375
36.946	403.614	1.750	1,915.375
37.941	405.024	1.750	2,479.875
38.937	450.341	1.625	2,350.500
39.947	497.061	1.750	2,412.375
40.937	426.549	1.750	1,782.625
41.937	417.084	1.625	2,310.250
42.936	496.909	1.750	4,528.125
43.937	282.418	1.625	1,736.250
44.935	303.056	1.500	2,248.875
45.933	510.268	1.500	2,408.250
46.946	422.993	1.625	2,128.625
47.940	283.386	1.500	1,681.125
48.935	439.738	1.750	2,308.875
49.940	508.912	1.625	3,121.875
50.942	414.741	1.625	2,207.750
51.934	386.131	1.750	2,545.250
52.942	400.975	1.625	3,137.500
53.944	383.472	1.500	2,757.625
54.950	401.896	1.625	2,861.375
55.934	396.268	1.625	1,724.625
56.936	453.723	1.500	2,805.875
57.941	358.206	1.625	2,596.625
58.933	460.498	1.625	1,886.375
59.934	555.095	1.750	3,215
60.940	413.997	1.625	3,072.750
61.936	347.284	1.750	2,083.750
62.580	129.679	1.750	904.375

7.23.25. Frame Latency Distribution

This type of data can not be summarized, please view the detailed report sub-sections.

7.23.25.1. Frame Latency Distribution: 1



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

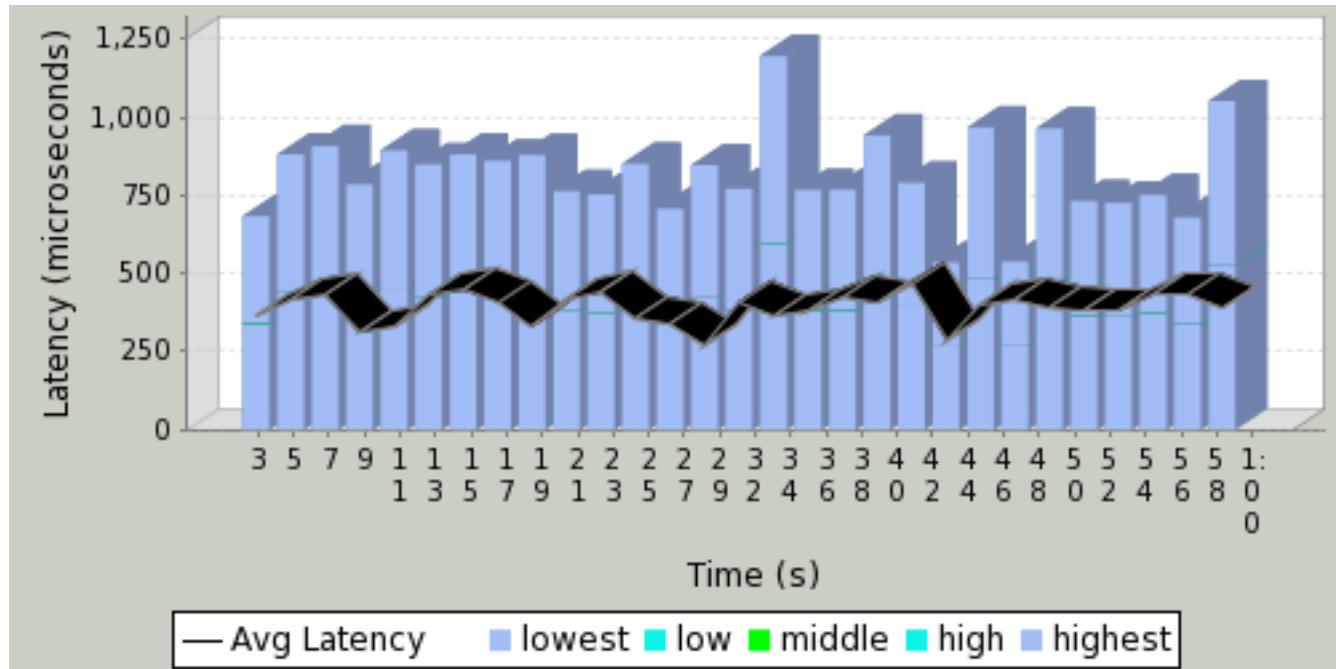
Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count
microseconds							packets				
1.944	420.053	1.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	6,417 12.335%	4,900 9.419%	34,686 66.677%	6,018 11.568%	0
2.942	466.203	1.500 <= 420.000	420.000 < 420.125	420.125 < 420.250	420.250 < 420.375	> 420.375	28,159 55.155%	8 0.016%	6 0.012%	5 0.010%	22,876 44.807%
3.938	527.692	1.500 <= 466.125	466.125 < 466.250	466.250 < 466.375	466.375 < 466.500	> 466.500	26,816 53.043%	2 0.004%	4 0.008%	2 0.004%	23,731 46.941%
4.937	609.292	1.375 <= 527.625	527.625 < 527.750	527.750 < 527.875	527.875 < 528.000	> 528.000	27,166 55.428%	5 0.010%	7 0.014%	7 0.014%	21,826 44.533%
5.938	492.557	1.500 <= 609.250	609.250 < 609.375	609.375 < 609.500	609.500 < 609.625	> 609.625	32,540 65.617%	4 0.008%	4 0.008%	4 0.008%	17,039 34.359%
6.938	489.376	1.250 <= 492.500	492.500 < 492.625	492.625 < 492.750	492.750 < 492.875	> 492.875	33,023 62.824%	16 0.030%	12 0.023%	5 0.010%	19,508 37.113%
7.938	423.754	1.375 <= 489.375	489.375 < 489.500	489.500 < 489.625	489.625 < 489.750	> 489.750	30,519 62.869%	4 0.008%	6 0.012%	2 0.004%	18,013 37.107%
8.941	590.829	1.375 <= 423.750	423.750 < 423.875	423.875 < 424.000	424.000 < 424.125	> 424.125	26,475 52.899%	1 0.002%	5 0.010%	3 0.006%	23,564 47.083%

Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
microseconds											
packets											
9.937	649.345	1.375 <=	590.750 <	590.875 <	591.000 <	> 591.125	28,241	1 0.002%	3 0.006%	1 0.002%	20,136 41.619%
10.939	577.219	1.500 <=	649.250 <	649.375 <	649.500 <	> 649.625	32,204	1 0.002%	2 0.004%	3 0.006%	19,966 38.267%
11.939	653.159	1.375 <=	577.125 <	577.250 <	577.375 <	> 577.500	27,067	1 0.002%	4 0.008%	4 0.008%	23,271 46.221%
12.940	521.018	1.375 <=	653.125 <	653.250 <	653.375 <	> 653.500	30,494	3 0.006%	5 0.011%	5 0.011%	16,876 35.616%
13.937	536.138	1.500 <=	521.000 <	521.125 <	521.250 <	> 521.375	25,555	5 0.011%	7 0.015%	1 0.002%	21,983 46.230%
14.937	660.750	1.375 <=	536.125 <	536.250 <	536.375 <	> 536.500	25,113	4 0.009%	3 0.006%	5 0.011%	21,595 46.222%
15.942	593.230	1.375 <=	660.750 <	660.875 <	661.000 <	> 661.125	33,533	3 0.006%	3 0.006%	4 0.008%	16,658 33.183%
16.935	443.605	1.375 <=	593.125 <	593.250 <	593.375 <	> 593.500	34,660	6 0.012%	2 0.004%	3 0.006%	15,625 31.066%
17.936	641.039	1.500 <=	443.500 <	443.625 <	443.750 <	> 443.875	23,034	2 0.004%	1 0.002%	4 0.008%	25,993 53.010%
18.937	405.722	1.500 <=	641.000 <	641.125 <	641.250 <	> 641.375	37,733	6 0.012%	3 0.006%	6 0.012%	11,302 23.042%
19.935	450.202	1.500 <=	405.625 <	405.750 <	405.875 <	> 406.000	27,952	6 0.012%	10 0.020%	7 0.014%	21,626 43.600%
20.935	436.209	1.500 <=	450.125 <	450.250 <	450.375 <	> 450.500	32,022	3 0.006%	6 0.012%	3 0.006%	18,647 36.793%
21.939	611.612	1.500 <=	436.125 <	436.250 <	436.375 <	> 436.500	24,461	1 0.002%	1 0.002%	1 0.002%	26,266 51.776%
22.936	485.494	1.500 <=	611.500 <	611.625 <	611.750 <	> 611.875	35,436	6 0.012%	11 0.022%	3 0.006%	13,548 27.647%
23.937	521.531	1.375 <=	485.500 <	485.625 <	485.750 <	> 485.875	27,278	10 0.021%	3 0.006%	8 0.017%	20,391 42.757%
24.939	516.828	1.375 <=	521.500 <	521.625 <	521.750 <	> 521.875	29,720	6 0.012%	0	8 0.016%	20,795 41.155%
25.935	486.408	1.375 <=	516.750 <	516.875 <	517.000 <	> 517.125	29,421	5 0.010%	4 0.008%	5 0.010%	18,352 38.404%
27.569	726.322	1.375 <=	486.375 <	486.500 <	486.625 <	> 486.750	41,068	2 0.002%	3 0.004%	6 0.007%	41,995 50.551%
27.938	446.749	1.500 <=	726.250 <	726.375 <	726.500 <	> 726.625	14,142	2 0.011%	0	2 0.011%	4,073 22.356%
28.936	446.279	1.250 <=	446.750 <	446.875 <	447.000 <	> 447.125	29,294	13 0.026%	9 0.018%	11 0.022%	20,620 41.284%
29.936	440.484	1.375 <=	446.250 <	446.375 <	446.500 <	> 446.625	29,666	0	2 0.004%	2 0.004%	19,458 39.607%
30.940	567.233	1.375 <=	440.375 <	440.500 <	440.625 <	> 440.750	27,273	5 0.010%	0	2 0.004%	23,184 45.942%
31.938	491.243	1.375 <=	567.125 <	567.250 <	567.375 <	> 567.500	33,416	0	0	1 0.002%	16,896 33.582%
32.946	541.912	1.500 <=	491.125 <	491.250 <	491.375 <	> 491.500	25,720	6 0.012%	6 0.012%	11 0.022%	25,153 49.420%
33.935	835.998	1.375 <=	541.875 <	542.000 <	542.125 <	> 542.250	25,949	7 0.014%	7 0.014%	3 0.006%	23,062 47.038%

Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
microseconds											
packets											
34.938	505.666	1.375 <= 835.875	835.875 < 836.000	836.000 < 836.125	836.125 < 836.250	> 836.250	38,808 80.493%	6 0.012% 0.015%	7 0.015% 0.021%	10 0.021% 0.025%	9,382 19.459%
35.939	401.727	1.500 <= 505.625	505.625 < 505.750	505.750 < 505.875	505.875 < 506.000	> 506.000	30,858 66.173%	4 0.009% 0.004%	2 0.004% 0.004%	2 0.004% 0.004%	15,766 33.809%
36.946	455.492	1.500 <= 401.625	401.625 < 401.750	401.750 < 401.875	401.875 < 402.000	> 402.000	25,456 53.485%	2 0.004% 0.002%	1 0.002% 0.008%	4 0.008% 0.012%	22,132 46.501%
37.941	694.897	1.500 <= 455.375	455.375 < 455.500	455.500 < 455.625	455.625 < 455.750	> 455.750	22,906 45.841%	5 0.010% 0.004%	2 0.004% 0.008%	4 0.008% 0.012%	27,051 54.137%
38.937	660.727	1.375 <= 694.875	694.875 < 695.000	695.000 < 695.125	695.125 < 695.250	> 695.250	30,138 59.473%	2 0.004% 0.004%	2 0.004% 0.002%	1 0.002% 0.004%	20,532 40.517%
39.947	512.692	1.500 <= 660.625	660.625 < 660.750	660.750 < 660.875	660.875 < 661.000	> 661.000	33,813 68.093%	1 0.002% 0.004%	2 0.004% 0.012%	0 0.012% 0.012%	15,841 31.901%
40.937	509.386	1.500 <= 513.625	513.625 < 513.750	513.750 < 513.875	513.875 < 514.000	> 514.000	27,029 56.104%	1 0.002% 0.012%	10 0.021% 0.019%	9 0.019% 0.019%	21,128 43.855%
41.937	493.973	1.500 <= 508.375	508.375 < 508.500	508.500 < 508.625	508.625 < 508.750	> 508.750	28,616 56.956%	1 0.002% 0.002%	1 0.002% 0.004%	2 0.004% 0.012%	21,622 43.036%
42.936	523.524	1.375 <= 493.875	493.875 < 494.000	494.000 < 494.125	494.125 < 494.250	> 494.250	26,889 56.537%	5 0.011% 0.006%	3 0.006% 0.011%	5 0.011% 0.012%	20,658 43.436%
43.937	518.551	1.250 <= 523.500	523.500 < 523.625	523.625 < 523.750	523.750 < 523.875	> 523.875	30,090 61.897%	2 0.004% 0.004%	2 0.004% 0.004%	2 0.004% 0.004%	18,517 38.091%
44.935	469.627	1.375 <= 518.500	518.500 < 518.625	518.625 < 518.750	518.750 < 518.875	> 518.875	33,185 66.185%	11 0.022% 0.012%	6 0.012% 0.004%	2 0.004% 0.004%	16,936 33.777%
45.933	558.308	1.500 <= 469.500	469.500 < 469.625	469.625 < 469.750	469.750 < 469.875	> 469.875	28,582 59.085%	4 0.008% 0.017%	8 0.017% 0.008%	4 0.008% 0.008%	19,776 40.881%
46.946	501.985	1.375 <= 558.250	558.250 < 558.375	558.375 < 558.500	558.500 < 558.625	> 558.625	34,805 67.436%	8 0.016% 0.021%	11 0.021% 0.012%	6 0.012% 0.012%	16,782 32.516%
47.940	435.164	1.375 <= 501.875	501.875 < 502.000	502.000 < 502.125	502.125 < 502.250	> 502.250	31,646 63.710%	7 0.014% 0.012%	6 0.012% 0.006%	3 0.006% 0.006%	18,010 36.258%
48.935	501.530	1.500 <= 435.125	435.125 < 435.250	435.250 < 435.375	435.375 < 435.500	> 435.500	25,661 52.311%	7 0.014% 0.008%	4 0.008% 0.012%	6 0.012% 0.012%	23,377 47.655%
49.940	543.696	1.375 <= 501.500	501.500 < 501.625	501.625 < 501.750	501.750 < 501.875	> 501.875	31,328 60.216%	6 0.012% 0.013%	7 0.013% 0.013%	7 0.013% 0.013%	20,678 39.746%
50.942	537.088	1.500 <= 543.750	543.750 < 543.875	543.875 < 544.000	544.000 < 544.125	> 544.125	29,274 60.899%	7 0.015% 0.021%	10 0.021% 0.008%	4 0.008% 0.008%	18,775 39.058%
51.934	471.624	1.500 <= 537.000	537.000 < 537.125	537.125 < 537.250	537.250 < 537.375	> 537.375	31,264 61.151%	5 0.010% 0.002%	1 0.002% 0.002%	1 0.002% 0.002%	19,855 38.835%
52.942	876.859	1.375 <= 471.625	471.625 < 471.750	471.750 < 471.875	471.875 < 472.000	> 472.000	27,942 54.938%	6 0.012% 0.026%	13 0.026% 0.008%	4 0.008% 0.008%	22,896 45.017%
53.944	545.968	1.500 <= 876.750	876.750 < 876.875	876.875 < 877.000	877.000 < 877.125	> 877.125	36,749 79.598%	1 0.002% 0.006%	3 0.006% 0.004%	2 0.004% 0.004%	9,413 20.389%
54.950	465.804	1.375 <= 545.875	545.875 < 546.000	546.000 < 546.125	546.125 < 546.250	> 546.250	32,976 63.302%	3 0.006% 0.006%	3 0.006% 0.017%	9 0.017% 0.017%	19,102 36.669%
55.934	417.660	1.375 <= 465.750	465.750 < 465.875	465.875 < 466.000	466.000 < 466.125	> 466.125	31,524 62.786%	7 0.014% 0.012%	6 0.012% 0.004%	2 0.004% 0.004%	18,670 37.185%
56.936	368.251	1.250 <= 417.625	417.625 < 417.750	417.750 < 417.875	417.875 < 418.000	> 418.000	32,539 63.969%	8 0.016% 0.022%	11 0.022% 0.018%	9 0.018% 0.018%	18,300 35.976%
57.941	442.470	1.500 <= 368.250	368.250 < 368.375	368.375 < 368.500	368.500 < 368.625	> 368.625	25,147 51.236%	2 0.004% 0.020%	10 0.020% 0.004%	2 0.004% 0.004%	23,920 48.736%
58.933	667.344	1.500 <= 442.375	442.375 < 442.500	442.500 < 442.625	442.625 < 442.750	> 442.750	23,141 45.731%	5 0.010% 0.010%	5 0.010% 0.012%	6 0.012% 0.012%	27,445 54.237%

Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
<i>microseconds</i>											
<i>packets</i>											
59.934	659.266	1.500 <= 667.250	667.250 < 667.375	667.375 < 667.500	667.500 < 667.625	> 667.625	31,494 67.795%	0	2 0.004%	2 0.004%	14,957 32.197%
60.940	405.863	1.500 <= 659.250	659.250 < 659.375	659.375 < 659.500	659.500 < 659.625	> 659.625	37,513 76.659%	4 0.008%	2 0.004%	6 0.012%	11,410 23.317%
61.936	456.187	1.375 <= 405.750	405.750 < 405.875	405.875 < 406.000	406.000 < 406.125	> 406.125	24,735 54.760%	4 0.009%	7 0.015%	4 0.009%	20,420 45.207%
62.580	96.793	1.500 <= 456.125	456.125 < 456.250	456.250 < 456.375	456.375 < 456.500	> 456.500	11,991 96.756%	0	0	0	402 3.244%

7.23.25.2. Frame Latency Distribution: 2



This chart shows latency ranges on the Y axis. The length of a colored bucket signifies its size relative to the total latency spread. It does not correspond to the number of packets.

The latency buckets are generated each second to an ideal normal curve, real packet latencies should be close but not exactly normal.

Buckets are generated as - bucket1 (dark blue): lowest 2.2%; bucket2 (light blue): low 13.7%; bucket3 (green): middle 68.2%; bucket4 (light blue): high 13.7%; bucket5 (dark blue): highest 2.2%

68.2% of packets sent during the interval (ideally) will be in the middle bucket (green).

Layer 2 and 3 tests on 1Gig blades do not support dynamic latency. These tests will have static 10,100,1000,10000,10000+ ms buckets.

Timestamp	Average Latency	lowest latency	low latency	middle latency	high latency	highest latency	lowest count	low count	middle count	high count	highest count	
		microseconds						packets				
1.944	296.744	1.500 <= 10.000	10.000 < 100.000	100.000 < 1000.000	1000.000 < 10000.000	> 10000.000	5,969	9,813	33,965	1,223	0	
2.942	360.672	1.625 <= 296.625	296.625 < 296.750	296.750 < 296.875	296.875 < 297.000	> 297.000	27,843	5 0.010%	1 0.002%	3 0.006%	22,452 44.633%	
3.938	385.263	1.625 <= 360.625	360.625 < 360.750	360.750 < 360.875	360.875 < 361.000	> 361.000	31,120	9 0.018%	20 0.040%	6 0.012%	18,947 37.817%	
4.937	464.852	1.500 <= 385.250	385.250 < 385.375	385.375 < 385.500	385.500 < 385.625	> 385.625	29,664	2 0.004%	8 0.016%	5 0.010%	19,304 39.410%	
5.938	440.683	1.500 <= 464.750	464.750 < 464.875	464.875 < 465.000	465.000 < 465.125	> 465.125	29,579	5 0.010%	4 0.008%	0	19,210 39.366%	
6.938	479.003	1.500 <= 440.625	440.625 < 440.750	440.750 < 440.875	440.875 < 441.000	> 441.000	29,058	5 0.009%	8 0.015%	11 0.021%	23,928 45.139%	
7.938	454.995	1.500 <= 479.000	479.000 < 479.125	479.125 < 479.250	479.250 < 479.375	> 479.375	30,379	6 0.013%	4 0.008%	6 0.013%	17,591 36.659%	
8.941	414.456	1.500 <= 454.875	454.875 < 455.000	455.000 < 455.125	455.125 < 455.250	> 455.250	33,470	3 0.006%	4 0.008%	6 0.012%	16,658 33.222%	

Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
microseconds											
packets											
9.937	326.161	1.375 <=	414.375 <	414.500 <	414.625 <	> 414.750	34,401 69.814%	3 0.006% 0	13 0.026% 5 0.010%	6 0.012% 4 0.008%	14,852 30.141% 23,383 45.644%
10.939	471.927	1.625 <=	326.125 <	326.250 <	326.375 <	> 326.500	27,837 54.338%				
11.939	351.386	1.500 <=	471.875 <	472.000 <	472.125 <	> 472.250	37,808 74.949%	0	2 0.004% 1 0.002%	1 0.002% 3 0.006%	12,634 25.045% 19,776 41.479%
12.940	448.355	1.625 <=	351.375 <	351.500 <	351.625 <	> 351.750	27,893 58.504%	1 0.002%	3 0.006% 4 0.008%		
13.937	453.758	1.625 <=	448.250 <	448.375 <	448.500 <	> 448.625	30,743 65.393%	3 0.006% 0		3 0.006%	16,264 34.595%
14.937	464.762	1.500 <=	453.750 <	453.875 <	454.000 <	> 454.125	30,372 66.275%	0	2 0.004% 4 0.009%		15,449 33.712%
15.942	470.518	1.625 <=	464.750 <	464.875 <	465.000 <	> 465.125	29,901 59.916%	3 0.006% 2 0.004%	3 0.006%		19,996 40.068%
16.935	454.143	1.625 <=	470.500 <	470.625 <	470.750 <	> 470.875	30,694 60.635%	3 0.006% 6 0.012% 5 0.010%			19,913 39.337%
17.936	433.541	1.625 <=	454.125 <	454.250 <	454.375 <	> 454.500	31,288 65.166%	4 0.008% 1 0.002%	4 0.008%		16,716 34.816%
18.937	463.516	1.750 <=	433.500 <	433.625 <	433.750 <	> 433.875	27,993 57.240%	2 0.004% 1 0.002%	2 0.004%		20,907 42.750%
19.935	347.279	1.750 <=	463.500 <	463.625 <	463.750 <	> 463.875	34,936 71.212%	2 0.004% 3 0.006%	4 0.008%		14,114 28.769%
20.935	403.102	1.625 <=	347.250 <	347.375 <	347.500 <	> 347.625	27,580 54.684%	3 0.006% 2 0.004%	5 0.010%		22,845 45.296%
21.939	441.269	1.625 <=	403.000 <	403.125 <	403.250 <	> 403.375	28,860 57.251%	8 0.016% 1 0.002%	3 0.006%		21,538 42.726%
22.936	397.276	1.625 <=	441.250 <	441.375 <	441.500 <	> 441.625	31,571 65.197%	10 0.021% 7 0.014%	5 0.010%		16,831 34.758%
23.937	461.701	1.750 <=	397.125 <	397.250 <	397.375 <	> 397.500	26,779 56.909%	3 0.006% 2 0.004%	4 0.009%		20,268 43.072%
24.939	449.185	1.500 <=	461.625 <	461.750 <	461.875 <	> 462.000	29,317 58.933%	2 0.004% 3 0.006%	6 0.012%		20,418 41.045%
25.935	378.793	1.500 <=	449.125 <	449.250 <	449.375 <	> 449.500	32,356 66.724%	2 0.004% 2 0.004%	5 0.010%		16,127 33.257%
27.569	373.013	1.375 <=	378.750 <	378.875 <	379.000 <	> 379.125	50,802 62.170%	10 0.012% 8 0.010%	7 0.009%		30,887 37.799%
27.938	358.062	1.750 <=	373.000 <	373.125 <	373.250 <	> 373.375	11,733 63.940%	3 0.016% 3 0.016%	0		6,611 36.027%
28.936	446.813	1.750 <=	358.000 <	358.125 <	358.250 <	> 358.375	26,843 54.272%	6 0.012% 6 0.012%	6 0.012%		22,599 45.691%
29.936	287.817	1.500 <=	446.750 <	446.875 <	447.000 <	> 447.125	35,965 73.254%	1 0.002% 1 0.002%	3 0.006%		13,126 26.735%
30.940	451.675	1.750 <=	287.750 <	287.875 <	288.000 <	> 288.125	25,788 51.126%	5 0.010% 5 0.010%	3 0.006%		24,639 48.848%
31.938	406.654	1.750 <=	451.625 <	451.750 <	451.875 <	> 452.000	31,279 63.740%	2 0.004% 4 0.008%	6 0.012%		17,782 36.236%
32.946	433.587	1.625 <=	406.625 <	406.750 <	406.875 <	> 407.000	31,627 62.579%	0	4 0.008% 1 0.002%		18,907 37.411%
33.935	631.448	1.500 <=	433.500 <	433.625 <	433.750 <	> 433.875	26,099 53.385%	7 0.014% 9 0.018%	7 0.014%		22,766 46.568%

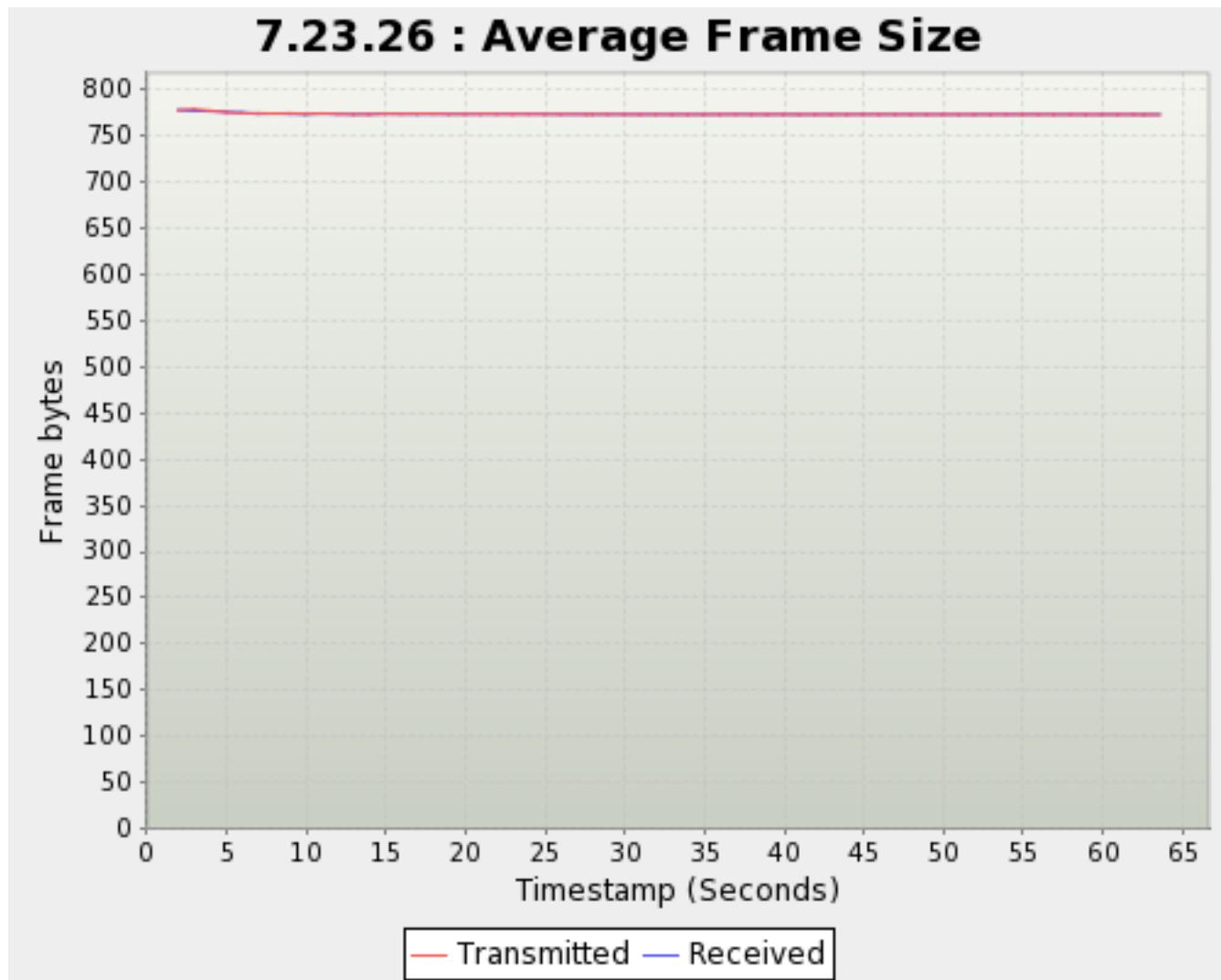
Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
microseconds											
packets											
34.938	386.254	1.750 <= 631.375	631.375 < 631.500	631.500 < 631.625	631.625 < 631.750	> 631.750	37,260 78.017%	4 0.008% 0.008%	3 0.006% 0.006%	2 0.004% 0.004%	10,490 21.964%
35.939	404.682	1.625 <= 386.250	386.250 < 386.375	386.375 < 386.500	386.500 < 386.625	> 386.625	29,038 62.853%	4 0.009% 0.009%	2 0.004% 0.004%	2 0.004% 0.004%	17,154 37.130%
36.946	403.614	1.750 <= 404.625	404.625 < 404.750	404.750 < 404.875	404.875 < 405.000	> 405.000	30,055 63.466%	1 0.002% 0.002%	3 0.006% 0.006%	2 0.004% 0.004%	17,295 36.521%
37.941	405.024	1.750 <= 403.500	403.500 < 403.625	403.625 < 403.750	403.750 < 403.875	> 403.875	31,213 62.682%	0	4 0.008% 0.008%	1 0.002% 0.002%	18,578 37.308%
38.937	450.341	1.625 <= 405.000	405.000 < 405.125	405.125 < 405.250	405.250 < 405.375	> 405.375	27,881 54.895%	12 0.024% 0.024%	6 0.012% 0.012%	6 0.012% 0.012%	22,885 45.058%
39.947	497.061	1.750 <= 450.250	450.250 < 450.375	450.375 < 450.500	450.500 < 450.625	> 450.625	28,593 58.292%	3 0.006% 0.006%	0	1 0.002% 0.002%	20,454 41.699%
40.937	426.549	1.750 <= 497.000	497.000 < 497.125	497.125 < 497.250	497.250 < 497.375	> 497.375	31,228 63.850%	1 0.002% 0.002%	4 0.008% 0.008%	5 0.010% 0.010%	17,670 36.129%
41.937	417.084	1.625 <= 426.500	426.500 < 426.625	426.625 < 426.750	426.750 < 426.875	> 426.875	29,895 60.511%	2 0.004% 0.004%	2 0.004% 0.004%	0	19,505 39.481%
42.936	496.909	1.750 <= 417.000	417.000 < 417.125	417.125 < 417.250	417.250 < 417.375	> 417.375	29,732 63.017%	1 0.002% 0.002%	6 0.013% 0.013%	3 0.006% 0.006%	17,439 36.962%
43.937	282.418	1.625 <= 496.875	496.875 < 497.000	497.000 < 497.125	497.125 < 497.250	> 497.250	37,828 78.342%	2 0.004% 0.004%	4 0.008% 0.008%	4 0.008% 0.008%	10,448 21.638%
44.935	303.056	1.500 <= 282.375	282.375 < 282.500	282.500 < 282.625	282.625 < 282.750	> 282.750	31,974 64.560%	2 0.004% 0.004%	3 0.006% 0.006%	7 0.014% 0.014%	17,540 35.416%
45.933	510.268	1.500 <= 303.000	303.000 < 303.125	303.125 < 303.250	303.250 < 303.375	> 303.375	23,877 49.411%	6 0.012% 0.012%	2 0.004% 0.004%	6 0.012% 0.012%	24,432 50.560%
46.946	422.993	1.625 <= 510.250	510.250 < 510.375	510.375 < 510.500	510.500 < 510.625	> 510.625	33,661 65.802%	2 0.004% 0.004%	2 0.004% 0.004%	1 0.002% 0.002%	17,489 34.188%
47.940	283.386	1.500 <= 422.875	422.875 < 423.000	423.000 < 423.125	423.125 < 423.250	> 423.250	37,635 75.577%	11 0.022% 0.022%	7 0.014% 0.014%	6 0.012% 0.012%	12,138 24.375%
48.935	439.738	1.750 <= 283.375	283.375 < 283.500	283.500 < 283.625	283.625 < 283.750	> 283.750	26,176 53.287%	6 0.012% 0.012%	6 0.012% 0.012%	6 0.012% 0.012%	22,929 46.677%
49.940	508.912	1.625 <= 439.625	439.625 < 439.750	439.750 < 439.875	439.875 < 440.000	> 440.000	28,920 56.663%	5 0.010% 0.010%	8 0.016% 0.016%	7 0.014% 0.014%	22,099 43.298%
50.942	414.741	1.625 <= 508.875	508.875 < 509.000	509.000 < 509.125	509.125 < 509.250	> 509.250	31,516 65.500%	2 0.004% 0.004%	2 0.004% 0.004%	3 0.006% 0.006%	16,593 34.485%
51.934	386.131	1.750 <= 414.625	414.625 < 414.750	414.750 < 414.875	414.875 < 415.000	> 415.000	32,757 64.482%	4 0.008% 0.008%	4 0.008% 0.008%	6 0.012% 0.012%	18,029 35.490%
52.942	400.975	1.625 <= 386.125	386.125 < 386.250	386.250 < 386.375	386.375 < 386.500	> 386.500	32,405 65.356%	3 0.006% 0.006%	13 0.026% 0.026%	4 0.008% 0.008%	17,157 34.603%
53.944	383.472	1.500 <= 400.875	400.875 < 401.000	401.000 < 401.125	401.125 < 401.250	> 401.250	30,659 66.490%	4 0.009% 0.009%	5 0.011% 0.011%	7 0.015% 0.015%	15,436 33.476%
54.950	401.896	1.625 <= 383.375	383.375 < 383.500	383.500 < 383.625	383.625 < 383.750	> 383.750	33,749 66.546%	2 0.004% 0.004%	4 0.008% 0.008%	10 0.020% 0.020%	16,950 33.422%
55.934	396.268	1.625 <= 401.875	401.875 < 402.000	402.000 < 402.125	402.125 < 402.250	> 402.250	29,935 59.529%	5 0.010% 0.010%	5 0.010% 0.010%	2 0.004% 0.004%	20,339 40.447%
56.936	453.723	1.500 <= 396.250	396.250 < 396.375	396.375 < 396.500	396.625 < 396.625	> 396.625	28,553 56.629%	4 0.008% 0.008%	7 0.014% 0.014%	8 0.016% 0.016%	21,849 43.333%
57.941	358.206	1.625 <= 453.625	453.625 < 453.750	453.750 < 453.875	453.875 < 454.000	> 454.000	32,386 66.792%	8 0.016% 0.016%	4 0.008% 0.008%	6 0.012% 0.012%	16,084 33.171%
58.933	460.498	1.625 <= 358.125	358.125 < 358.250	358.250 < 358.375	358.375 < 358.500	> 358.500	27,464 53.043%	9 0.017% 0.017%	6 0.012% 0.012%	3 0.006% 0.006%	24,295 46.922%

Test Results for HTTP_B2B

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Timestamp	Average	lowest	low	middle	high	highest	lowest	low count	middle	high	highest
p	Latency	latency	latency	latency	latency	latency	count	count	count	count	count
<i>microseconds</i>											
59.934	555.095	1.750 <=	460.375 <	460.500 <	460.625 <	> 460.750	29,023 64.084%	3 0.007% 0.002%	4 0.009% 0.004%	4 0.009% 0	16,255 35.892%
60.940	413.997	1.625 <=	555.000 <	555.125 <	555.250 <	> 555.375	35,601 73.181%	1 0.002% 0.004%	2 0.004% 0	0	13,044 26.813%
61.936	347.284	1.750 <=	413.875 <	414.000 <	414.125 <	> 414.250	31,273 69.550%	7 0.016% 0.013%	6 0.013% 0.018%	8 0.018% 0.007%	13,671 30.404%
62.580	129.679	1.750 <=	347.250 <	347.375 <	347.500 <	> 347.625	12,541 91.795%	1 0.007% 0.007%	1 0.007% 0.007%	1 0.007% 0.007%	1,118 8.183%

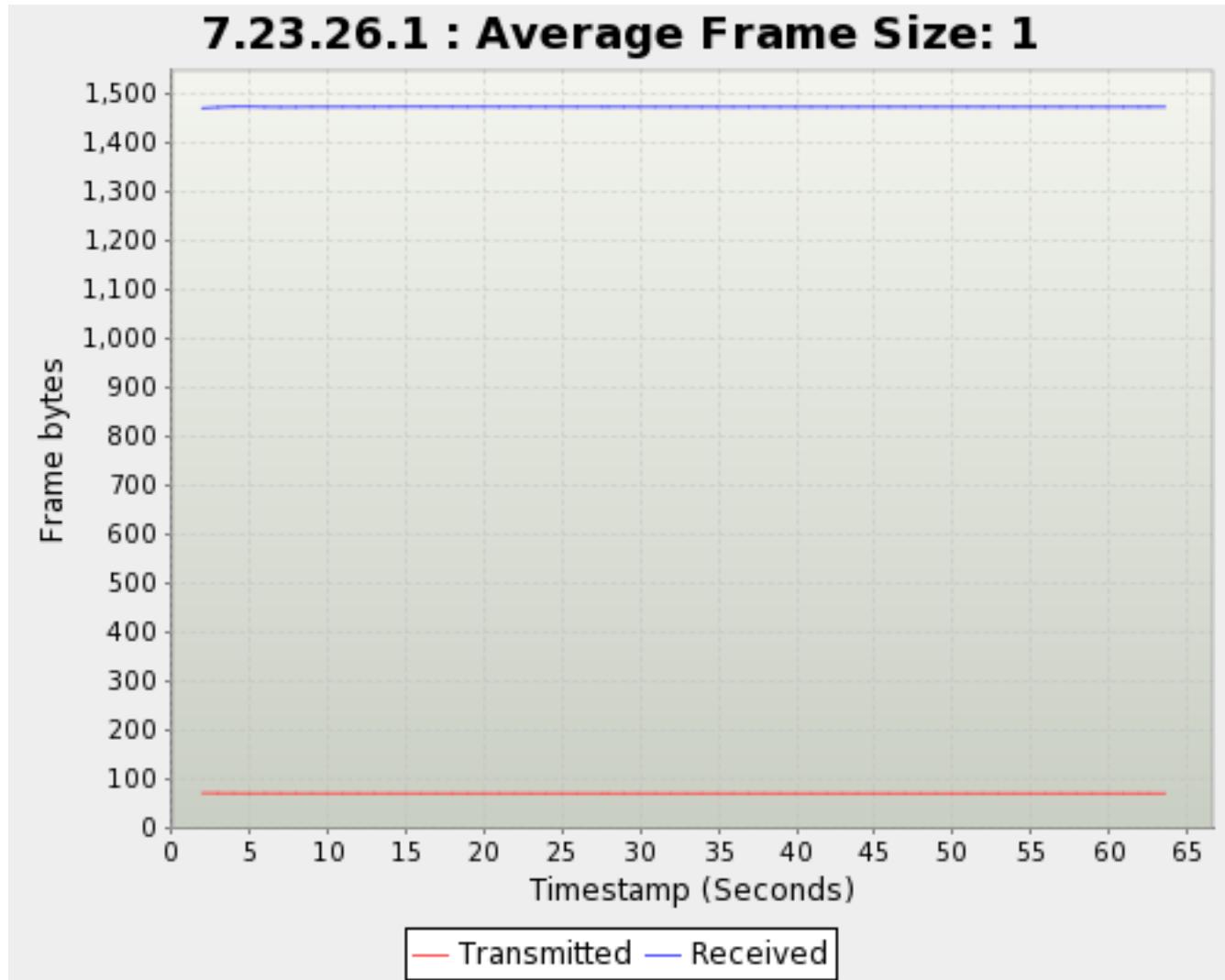
7.23.26. Average Frame Size



Timestamp	Transmitted		Received
	Seconds	Frame bytes	
1.944		778.435	778.459
2.942		779.592	777.639
3.938		777.826	777.272
4.937		776.209	776.444
5.938		774.958	775.821
6.938		775.102	774.391
7.938		774.779	774.718
8.941		775.029	774.395
9.937		774.345	773.901
10.939		774.901	774.596
11.939		774.401	774.277
12.940		773.983	774.007
13.937		773.923	774.103
14.937		774.514	774.444
15.942		774.265	774.373
16.935		774.705	774.019
17.936		774.463	774.314
18.937		774.295	774.070
19.935		774.007	774.248
20.935		774.381	774.130
21.939		774.248	774.234
22.936		774.052	774.270
23.937		774.240	774.212
24.939		773.978	774.236

Timestamp	Transmitted	Received
Seconds	Frame bytes	
25.935	774.208	773.900
27.569	773.868	774.019
27.938	774.031	773.920
28.936	773.994	773.974
29.936	773.903	773.854
30.940	773.742	773.822
31.938	773.765	773.947
32.946	773.808	773.782
33.935	773.886	773.757
34.938	773.799	773.752
35.939	773.786	773.827
36.946	773.979	773.894
37.941	773.775	773.874
38.937	773.910	773.734
39.947	773.864	773.820
40.937	773.851	773.673
41.937	773.726	773.802
42.936	773.659	773.781
43.937	773.800	773.816
44.935	773.800	773.863
45.933	773.902	773.798
46.946	773.867	773.822
47.940	773.727	773.807
48.935	773.754	773.745
49.940	773.701	773.795
50.942	773.837	773.733
51.934	773.775	773.732
52.942	773.752	773.854
53.944	773.794	773.810
54.950	773.619	773.923
55.934	773.804	773.847
56.936	773.685	773.799
57.941	773.775	773.820
58.933	773.689	773.711
59.934	773.714	773.745
60.940	773.785	773.724
61.936	773.702	773.790
62.580	773.606	773.626
63.581	773.606	773.626

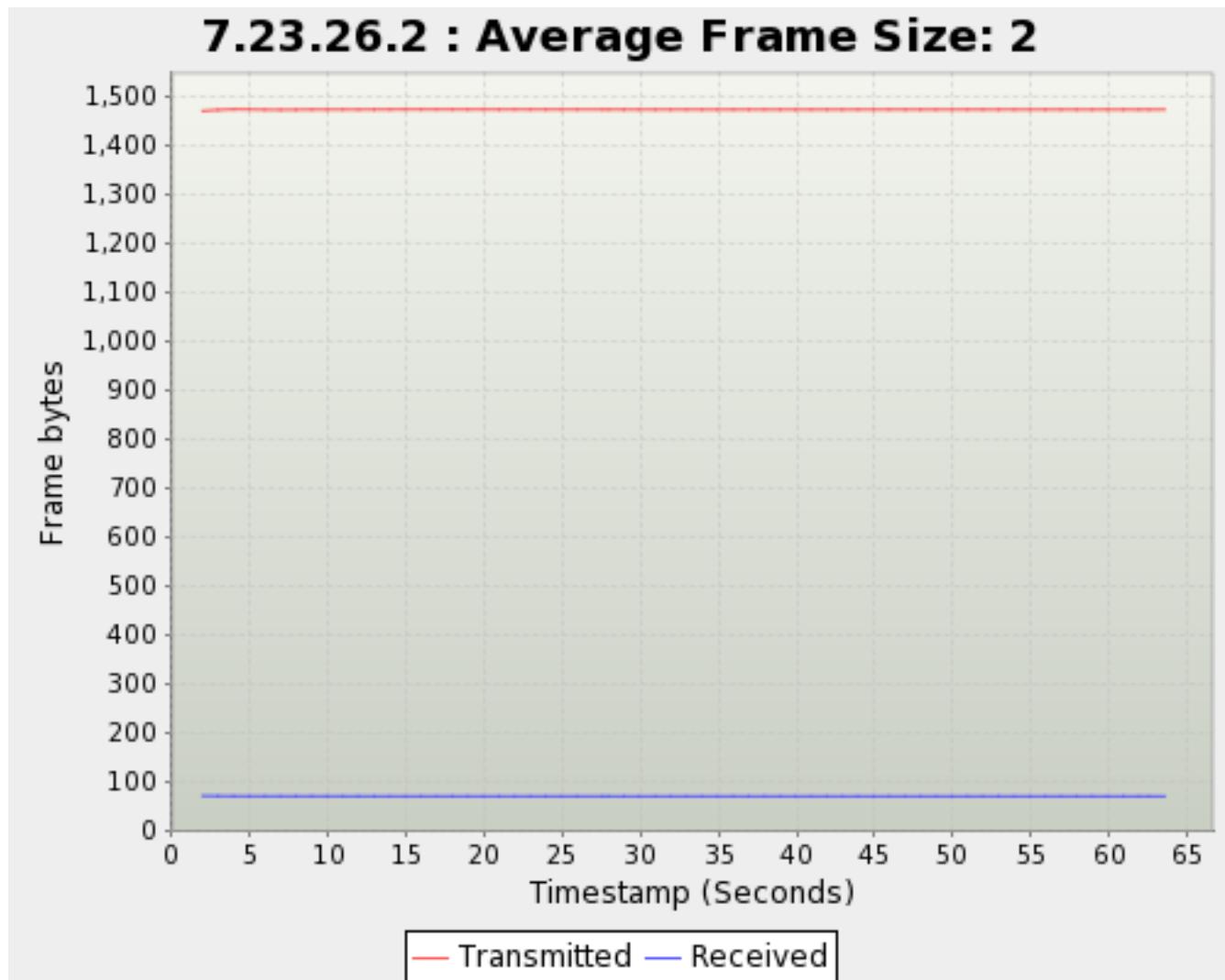
7.23.26.1. Average Frame Size: 1



Timestamp	Transmitted	Received
Seconds	Frame bytes	
1.944	71.598	1,472.884
2.942	71.182	1,474.802
3.938	~71	1,476.005
4.937	70.922	1,476.059
5.938	70.888	1,475.384
6.938	70.879	1,475.120
7.938	70.856	1,475.241
8.941	70.822	1,475.571
9.937	70.815	1,475.509
10.939	70.794	1,475.609
11.939	70.792	1,475.514
12.940	70.777	1,475.641
13.937	70.769	1,475.734
14.937	70.764	1,475.850
15.942	70.754	1,475.861
16.935	70.750	1,475.794
17.936	70.745	1,475.781
18.937	70.743	1,475.728
19.935	70.737	1,475.789
20.935	70.737	1,475.649
21.939	70.732	1,475.749
22.936	70.730	1,475.668
23.937	70.729	1,475.654
24.939	70.725	1,475.654

Timestamp	Transmitted	Received
Seconds	Frame bytes	
25.935	70.723	1,475.651
27.569	70.719	1,475.656
27.938	70.720	1,475.649
28.936	70.718	1,475.621
29.936	70.718	1,475.551
30.940	70.719	1,475.528
31.938	70.716	1,475.557
32.946	70.714	1,475.577
33.935	70.716	1,475.515
34.938	70.718	1,475.483
35.939	70.716	1,475.492
36.946	70.714	1,475.539
37.941	70.712	1,475.536
38.937	70.712	1,475.472
39.947	70.713	1,475.460
40.937	70.710	1,475.506
41.937	70.709	1,475.516
42.936	70.710	1,475.466
43.937	70.709	1,475.537
44.935	70.708	1,475.553
45.933	70.707	1,475.536
46.946	70.706	1,475.528
47.940	70.708	1,475.499
48.935	70.708	1,475.488
49.940	70.706	1,475.526
50.942	70.705	1,475.531
51.934	70.706	1,475.493
52.942	70.705	1,475.509
53.944	70.705	1,475.508
54.950	70.705	1,475.503
55.934	70.705	1,475.494
56.936	70.705	1,475.481
57.941	70.704	1,475.496
58.933	70.704	1,475.479
59.934	70.704	1,475.470
60.940	70.704	1,475.457
61.936	70.695	1,475.507
62.580	70.693	1,475.493
63.581	70.693	1,475.493

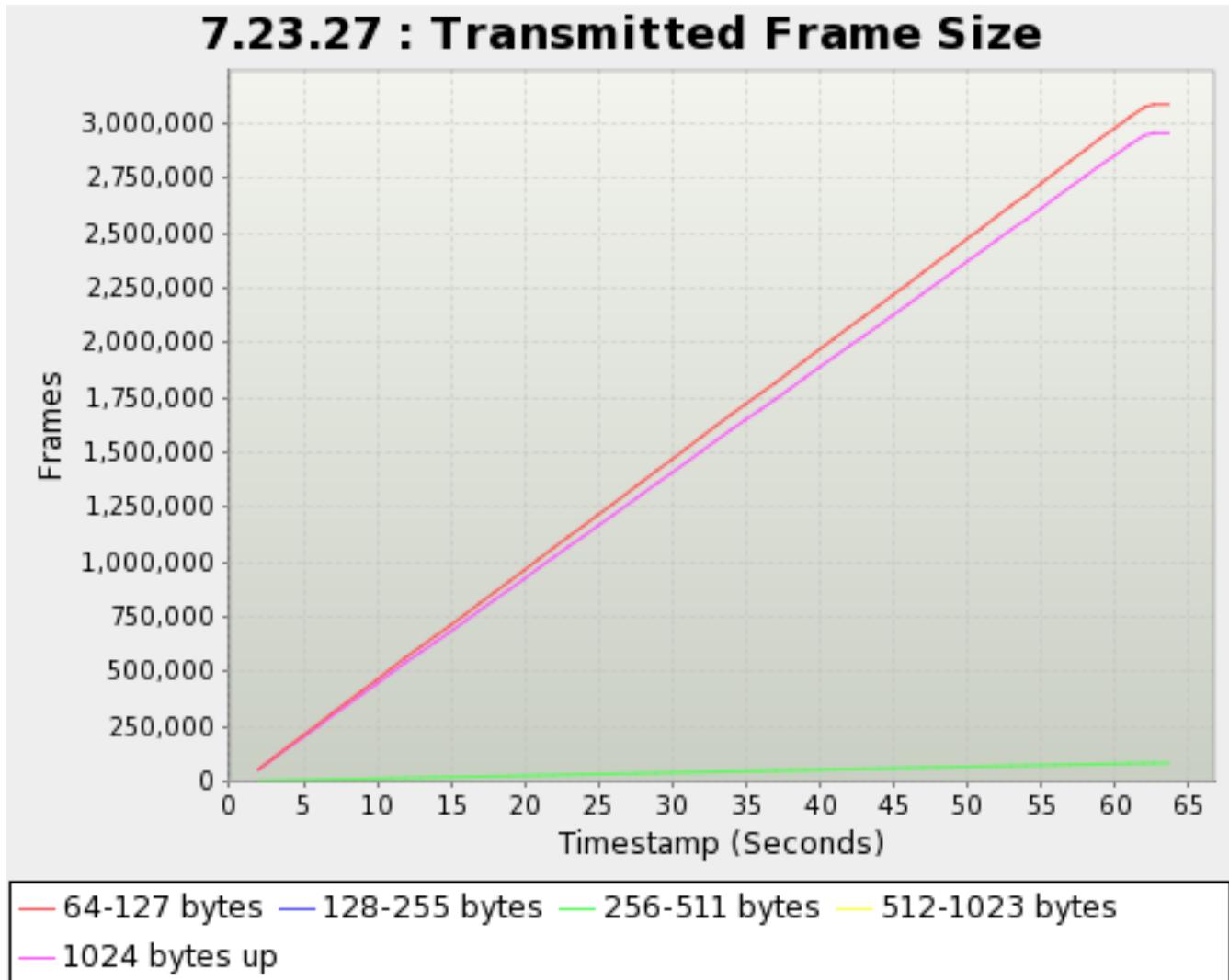
7.23.26.2. Average Frame Size: 2



Timestamp	Transmitted		Received
	Seconds	Frame bytes	
1.944		1,472.975	71.573
2.942		1,474.943	71.171
3.938		1,476.042	71.009
4.937		1,475.800	70.924
5.938		1,475.270	70.883
6.938		1,475.056	70.874
7.938		1,475.262	70.855
8.941		1,475.587	70.822
9.937		1,475.507	70.812
10.939		1,475.589	70.793
11.939		1,475.550	70.790
12.940		1,475.626	70.777
13.937		1,475.718	70.770
14.937		1,475.845	70.765
15.942		1,475.855	70.754
16.935		1,475.791	70.750
17.936		1,475.767	70.745
18.937		1,475.715	70.744
19.935		1,475.768	70.737
20.935		1,475.657	70.738
21.939		1,475.744	70.732
22.936		1,475.648	70.730
23.937		1,475.660	70.729
24.939		1,475.656	70.726

Timestamp	Transmitted	Received
Seconds	Frame bytes	
25.935	1,475.658	70.723
27.569	1,475.641	70.719
27.938	1,475.636	70.719
28.936	1,475.609	70.718
29.936	1,475.549	70.718
30.940	1,475.523	70.719
31.938	1,475.550	70.716
32.946	1,475.567	70.714
33.935	1,475.506	70.716
34.938	1,475.473	70.717
35.939	1,475.486	70.716
36.946	1,475.548	70.714
37.941	1,475.521	70.712
38.937	1,475.480	70.711
39.947	1,475.465	70.713
40.937	1,475.497	70.710
41.937	1,475.508	70.709
42.936	1,475.467	70.711
43.937	1,475.535	70.709
44.935	1,475.555	70.708
45.933	1,475.531	70.707
46.946	1,475.519	70.706
47.940	1,475.490	70.708
48.935	1,475.490	70.708
49.940	1,475.519	70.706
50.942	1,475.532	70.705
51.934	1,475.491	70.706
52.942	1,475.507	70.705
53.944	1,475.499	70.705
54.950	1,475.493	70.705
55.934	1,475.493	70.705
56.936	1,475.483	70.705
57.941	1,475.494	70.705
58.933	1,475.480	70.703
59.934	1,475.467	70.704
60.940	1,475.461	70.704
61.936	1,475.509	70.696
62.580	1,475.490	70.693
63.581	1,475.490	70.693

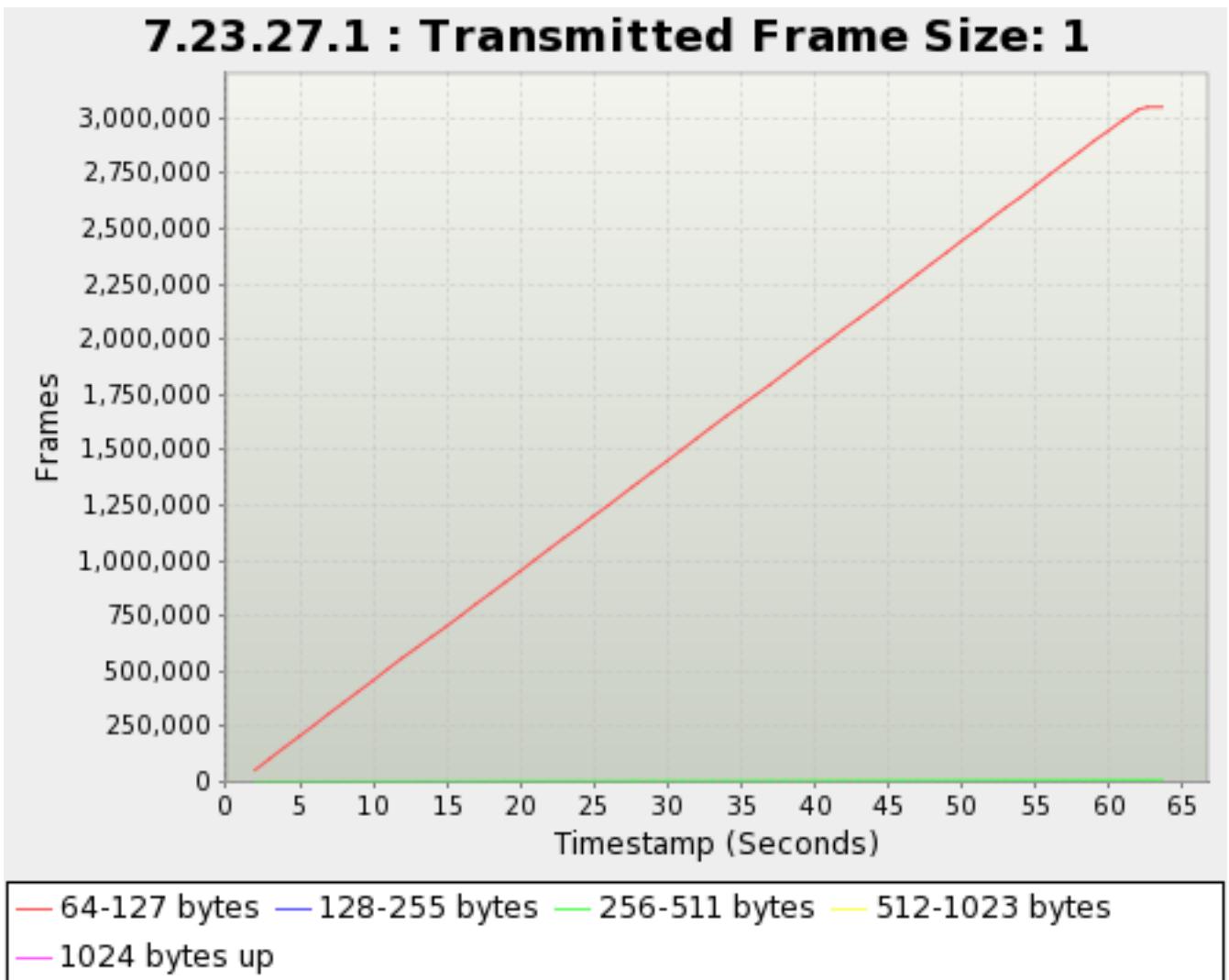
7.23.27. Transmitted Frame Size



Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds			Frames		
1.944	53,859	0	1,490	0	52,342
2.942	105,669	0	2,896	0	102,988
3.938	157,028	0	4,223	0	152,231
4.937	207,074	0	5,593	0	199,854
5.938	257,598	0	6,959	0	247,748
6.938	311,174	0	8,430	0	299,406
7.938	360,660	0	9,721	0	346,682
8.941	411,554	0	11,071	0	395,856
9.937	461,417	0	12,387	0	442,963
10.939	514,662	0	13,809	0	494,831
11.939	565,927	0	15,173	0	543,355
12.940	614,026	0	16,427	0	588,832
13.937	662,382	0	17,710	0	635,090
14.937	709,748	0	18,991	0	681,628
15.942	760,642	0	20,343	0	729,991
16.935	811,716	0	21,746	0	779,976
17.936	861,664	0	23,071	0	827,405
18.937	911,377	0	24,403	0	874,730
19.935	961,796	0	25,725	0	922,369
20.935	1,013,314	0	27,165	0	972,817
21.939	1,064,975	0	28,514	0	1,022,007
22.936	1,114,938	0	29,871	0	1,069,385
23.937	1,163,291	0	31,175	0	1,116,351
24.939	1,214,608	0	32,494	0	1,164,719

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
25.935	1,263,093	0	33,818	0	1,211,998
27.569	1,347,729	0	36,050	0	1,291,966
27.938	1,366,226	0	36,564	0	1,310,301
28.936	1,416,930	0	37,923	0	1,358,790
29.936	1,466,887	0	39,296	0	1,406,361
30.940	1,518,197	0	40,656	0	1,454,895
31.938	1,569,569	0	42,024	0	1,504,211
32.946	1,621,079	0	43,414	0	1,553,763
33.935	1,671,094	0	44,795	0	1,602,071
34.938	1,720,042	0	46,120	0	1,648,609
35.939	1,767,807	0	47,389	0	1,694,323
36.946	1,816,297	0	48,680	0	1,741,726
37.941	1,867,285	0	50,025	0	1,789,593
38.937	1,918,732	0	51,439	0	1,839,608
39.947	1,969,354	0	52,799	0	1,887,902
40.937	2,018,413	0	54,099	0	1,934,853
41.937	2,069,571	0	55,443	0	1,983,189
42.936	2,117,839	0	56,752	0	2,029,081
43.937	2,167,183	0	58,070	0	2,077,162
44.935	2,218,051	0	59,437	0	2,125,915
45.933	2,267,275	0	60,787	0	2,173,724
46.946	2,319,734	0	62,195	0	2,223,800
47.940	2,370,590	0	63,543	0	2,271,662
48.935	2,420,448	0	64,904	0	2,319,627
49.940	2,473,231	0	66,276	0	2,369,832
50.942	2,522,057	0	67,620	0	2,417,552
51.934	2,574,151	0	69,044	0	2,467,079
52.942	2,625,664	0	70,390	0	2,516,277
53.944	2,672,599	0	71,688	0	2,561,574
54.950	2,725,506	0	73,061	0	2,610,981
55.934	2,776,495	0	74,480	0	2,661,224
56.936	2,828,187	0	75,858	0	2,709,874
57.941	2,878,099	0	77,187	0	2,758,380
58.933	2,930,141	0	78,595	0	2,807,591
59.934	2,977,436	0	79,877	0	2,853,108
60.940	3,027,182	0	81,232	0	2,901,358
61.936	3,072,952	0	82,402	0	2,944,509
62.580	3,085,415	0	82,744	0	2,955,654
63.581	3,085,415	0	82,744	0	2,955,654

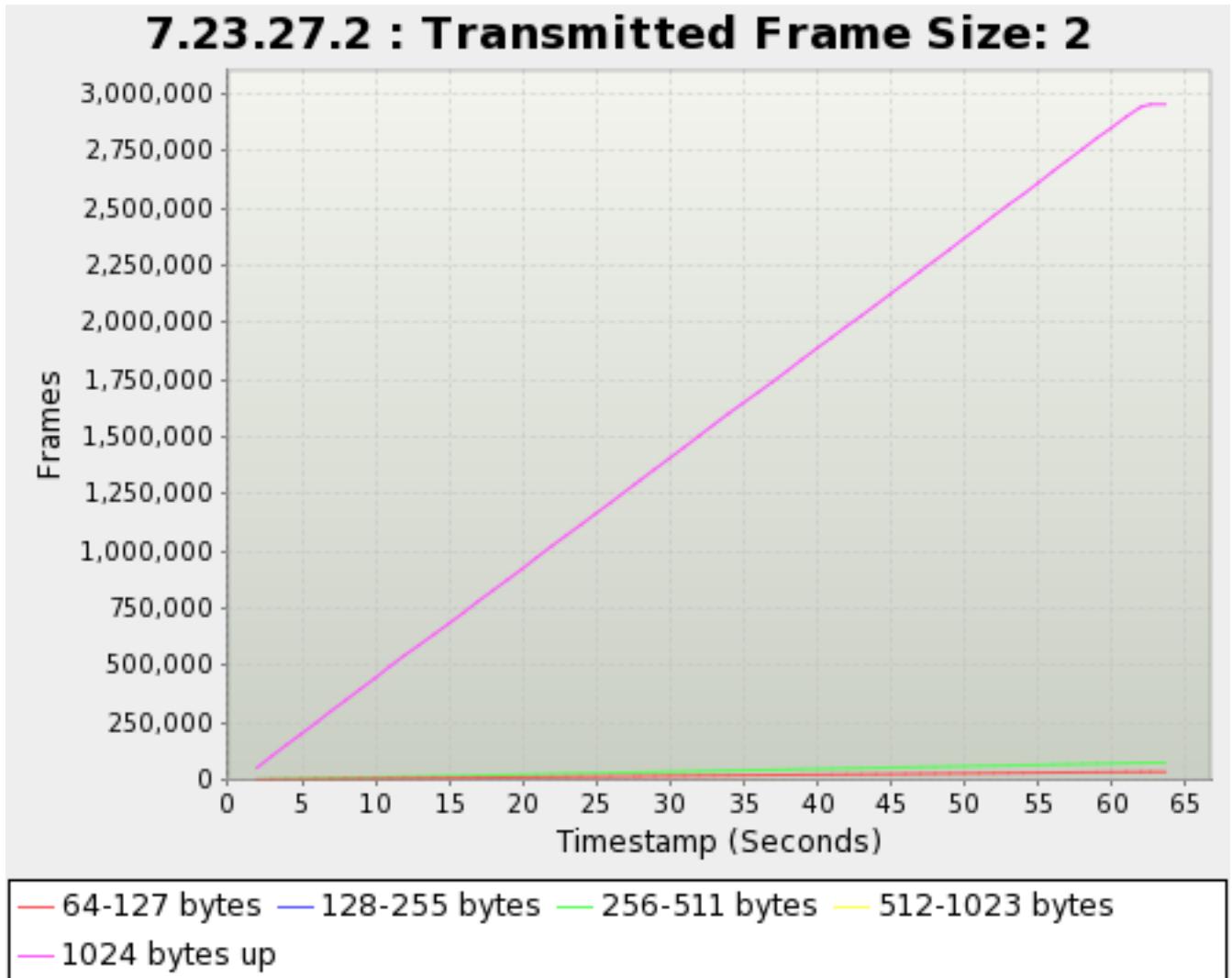
7.23.27.1. Transmitted Frame Size: 1



Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
1.944	53,018	0	355	0	0
2.942	104,275	0	516	0	0
3.938	155,133	0	649	0	0
4.937	204,635	0	789	0	0
5.938	254,522	0	945	0	0
6.938	307,433	0	1,131	0	0
7.938	356,375	0	1,276	0	0
8.941	406,780	0	1,398	0	0
9.937	456,054	0	1,555	0	0
10.939	508,716	0	1,690	0	0
11.939	559,391	0	1,854	0	0
12.940	606,991	0	1,973	0	0
13.937	654,847	0	2,108	0	0
14.937	701,726	0	2,244	0	0
15.942	752,083	0	2,372	0	0
16.935	802,554	0	2,518	0	0
17.936	851,945	0	2,654	0	0
18.937	901,081	0	2,802	0	0
19.935	950,987	0	2,932	0	0
20.935	1,001,862	0	3,089	0	0
21.939	1,053,008	0	3,222	0	0
22.936	1,102,372	0	3,365	0	0
23.937	1,150,183	0	3,505	0	0
24.939	1,200,914	0	3,644	0	0

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
25.935	1,248,859	0	3,779	0	0
27.569	1,332,557	0	4,005	0	0
27.938	1,350,832	0	4,067	0	0
28.936	1,400,953	0	4,205	0	0
29.936	1,450,319	0	4,357	0	0
30.940	1,501,027	0	4,515	0	0
31.938	1,551,854	0	4,648	0	0
32.946	1,602,816	0	4,785	0	0
33.935	1,652,204	0	4,948	0	0
34.938	1,700,572	0	5,105	0	0
35.939	1,747,815	0	5,234	0	0
36.946	1,795,814	0	5,360	0	0
37.941	1,846,216	0	5,499	0	0
38.937	1,897,033	0	5,648	0	0
39.947	1,947,063	0	5,808	0	0
40.937	1,995,622	0	5,928	0	0
41.937	2,046,228	0	6,067	0	0
42.936	2,093,905	0	6,220	0	0
43.937	2,142,778	0	6,351	0	0
44.935	2,193,111	0	6,495	0	0
45.933	2,241,752	0	6,633	0	0
46.946	2,293,618	0	6,774	0	0
47.940	2,343,857	0	6,938	0	0
48.935	2,393,164	0	7,086	0	0
49.940	2,445,395	0	7,222	0	0
50.942	2,493,703	0	7,351	0	0
51.934	2,545,161	0	7,515	0	0
52.942	2,596,110	0	7,656	0	0
53.944	2,642,520	0	7,793	0	0
54.950	2,694,829	0	7,944	0	0
55.934	2,745,236	0	8,098	0	0
56.936	2,796,345	0	8,252	0	0
57.941	2,845,699	0	8,384	0	0
58.933	2,897,160	0	8,530	0	0
59.934	2,943,900	0	8,667	0	0
60.940	2,993,066	0	8,819	0	0
61.936	3,038,486	0	8,839	0	0
62.580	3,050,826	0	8,839	0	0
63.581	3,050,826	0	8,839	0	0

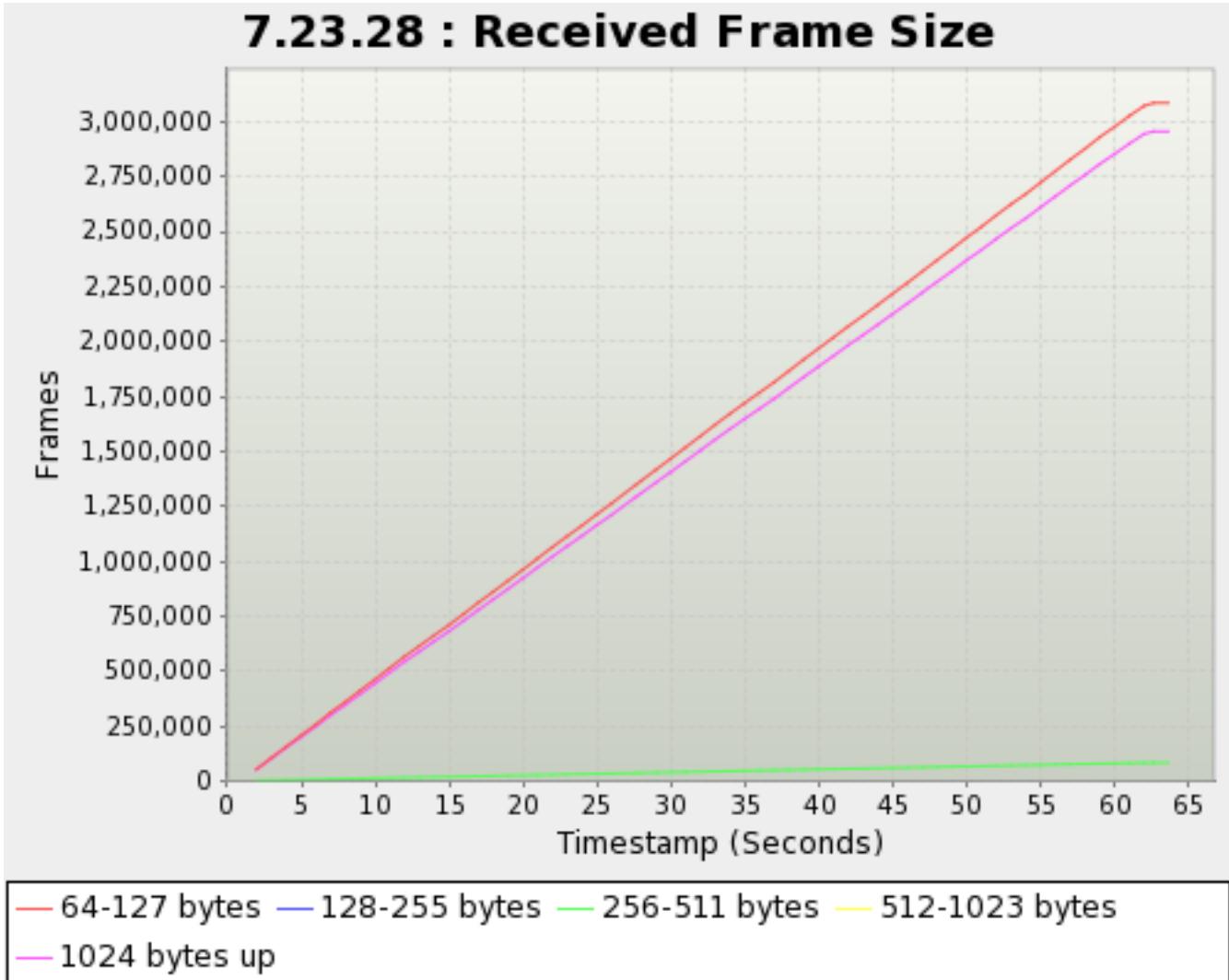
7.23.27.2. Transmitted Frame Size: 2



Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
1.944	841	0	1,135	0	52,342
2.942	1,394	0	2,380	0	102,988
3.938	1,895	0	3,574	0	152,231
4.937	2,439	0	4,804	0	199,854
5.938	3,076	0	6,014	0	247,748
6.938	3,741	0	7,299	0	299,406
7.938	4,285	0	8,445	0	346,682
8.941	4,774	0	9,673	0	395,856
9.937	5,363	0	10,832	0	442,963
10.939	5,946	0	12,119	0	494,831
11.939	6,536	0	13,319	0	543,355
12.940	7,035	0	14,454	0	588,832
13.937	7,535	0	15,602	0	635,090
14.937	8,022	0	16,747	0	681,628
15.942	8,559	0	17,971	0	729,991
16.935	9,162	0	19,228	0	779,976
17.936	9,719	0	20,417	0	827,405
18.937	10,296	0	21,601	0	874,730
19.935	10,809	0	22,793	0	922,369
20.935	11,452	0	24,076	0	972,817
21.939	11,967	0	25,292	0	1,022,007
22.936	12,566	0	26,506	0	1,069,385
23.937	13,108	0	27,670	0	1,116,351
24.939	13,694	0	28,850	0	1,164,719

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
25.935	14,234	0	30,039	0	1,211,998
27.569	15,172	0	32,045	0	1,291,966
27.938	15,394	0	32,497	0	1,310,301
28.936	15,977	0	33,718	0	1,358,790
29.936	16,568	0	34,939	0	1,406,361
30.940	17,170	0	36,141	0	1,454,895
31.938	17,715	0	37,376	0	1,504,211
32.946	18,263	0	38,629	0	1,553,763
33.935	18,890	0	39,847	0	1,602,071
34.938	19,470	0	41,015	0	1,648,609
35.939	19,992	0	42,155	0	1,694,323
36.946	20,483	0	43,320	0	1,741,726
37.941	21,069	0	44,526	0	1,789,593
38.937	21,699	0	45,791	0	1,839,608
39.947	22,291	0	46,991	0	1,887,902
40.937	22,791	0	48,171	0	1,934,853
41.937	23,343	0	49,376	0	1,983,189
42.936	23,934	0	50,532	0	2,029,081
43.937	24,405	0	51,719	0	2,077,162
44.935	24,940	0	52,942	0	2,125,915
45.933	25,523	0	54,154	0	2,173,724
46.946	26,116	0	55,421	0	2,223,800
47.940	26,733	0	56,605	0	2,271,662
48.935	27,284	0	57,818	0	2,319,627
49.940	27,836	0	59,054	0	2,369,832
50.942	28,354	0	60,269	0	2,417,552
51.934	28,990	0	61,529	0	2,467,079
52.942	29,554	0	62,734	0	2,516,277
53.944	30,079	0	63,895	0	2,561,574
54.950	30,677	0	65,117	0	2,610,981
55.934	31,259	0	66,382	0	2,661,224
56.936	31,842	0	67,606	0	2,709,874
57.941	32,400	0	68,803	0	2,758,380
58.933	32,981	0	70,065	0	2,807,591
59.934	33,536	0	71,210	0	2,853,108
60.940	34,116	0	72,413	0	2,901,358
61.936	34,466	0	73,563	0	2,944,509
62.580	34,589	0	73,905	0	2,955,654
63.581	34,589	0	73,905	0	2,955,654

7.23.28. Received Frame Size

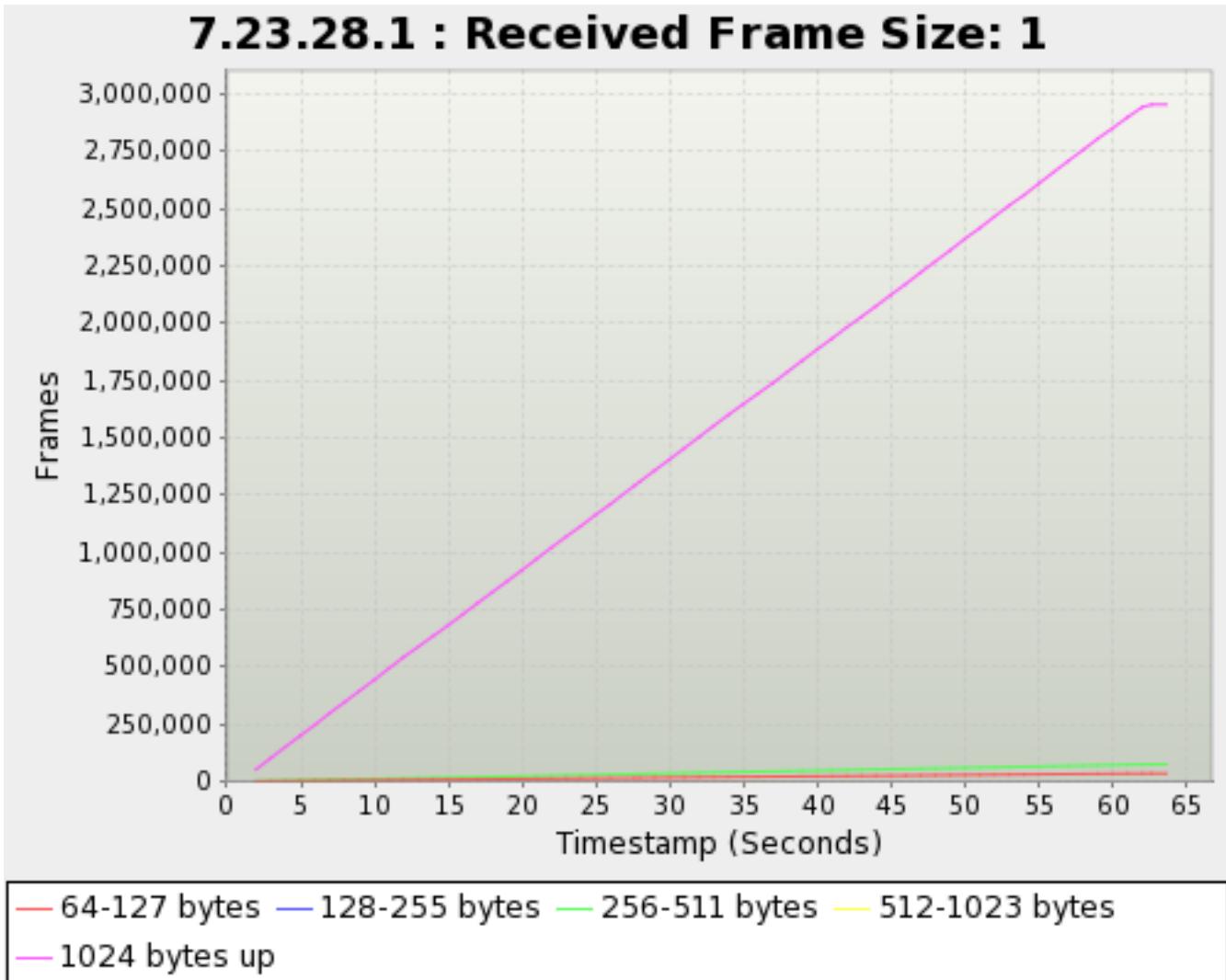


Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
1.944	52,589	0	1,450	0	51,108
2.942	103,966	0	2,827	0	100,765
3.938	155,075	0	4,168	0	150,112
4.937	205,057	0	5,524	0	198,030
5.938	255,511	0	6,911	0	246,335
6.938	309,811	0	8,369	0	297,493
7.938	358,915	0	9,674	0	344,944
8.941	410,173	0	11,012	0	393,824
9.937	460,546	0	12,347	0	441,571
10.939	512,744	0	13,742	0	492,561
11.939	564,325	0	15,127	0	541,635
12.940	612,849	0	16,391	0	587,741
13.937	661,006	0	17,683	0	634,093
14.937	707,743	0	18,929	0	679,567
15.942	758,677	0	20,289	0	728,323
16.935	810,391	0	21,669	0	777,199
17.936	859,508	0	23,012	0	824,994
18.937	909,687	0	24,350	0	872,559
19.935	959,678	0	25,678	0	920,959
20.935	1,011,323	0	27,097	0	970,220
21.939	1,062,710	0	28,450	0	1,019,802

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds			Frames		
22.936	1,112,369	0	29,820	0	1,067,576
23.937	1,160,812	0	31,108	0	1,113,884
24.939	1,212,054	0	32,452	0	1,163,115
25.935	1,261,662	0	33,744	0	1,209,571
27.569	1,345,786	0	36,008	0	1,290,650
27.938	1,364,592	0	36,507	0	1,308,327
28.936	1,415,040	0	37,873	0	1,356,904
29.936	1,465,359	0	39,246	0	1,404,700
30.940	1,516,718	0	40,620	0	1,453,801
31.938	1,567,537	0	41,994	0	1,503,042
32.946	1,619,875	0	43,383	0	1,552,508
33.935	1,669,797	0	44,748	0	1,600,256
34.938	1,718,668	0	46,074	0	1,647,075
35.939	1,766,026	0	47,351	0	1,692,815
36.946	1,814,252	0	48,630	0	1,739,358
37.941	1,865,328	0	49,981	0	1,788,214
38.937	1,917,364	0	51,380	0	1,837,384
39.947	1,967,458	0	52,740	0	1,885,850
40.937	2,017,391	0	54,029	0	1,932,898
41.937	2,067,778	0	55,412	0	1,981,897
42.936	2,116,007	0	56,729	0	2,028,019
43.937	2,165,251	0	58,018	0	2,075,403
44.935	2,215,914	0	59,384	0	2,124,242
45.933	2,265,522	0	60,714	0	2,171,404
46.946	2,317,763	0	62,130	0	2,221,631
47.940	2,368,675	0	63,504	0	2,270,342
48.935	2,418,929	0	64,870	0	2,318,118
49.940	2,471,475	0	66,254	0	2,368,788
50.942	2,520,748	0	67,564	0	2,415,594
51.934	2,572,645	0	68,993	0	2,465,339
52.942	2,623,335	0	70,348	0	2,514,761
53.944	2,670,500	0	71,619	0	2,559,663
54.950	2,722,526	0	73,041	0	2,610,367
55.934	2,773,982	0	74,425	0	2,659,141
56.936	2,826,015	0	75,817	0	2,708,658
57.941	2,875,763	0	77,141	0	2,756,490
58.933	2,928,620	0	78,554	0	2,806,302
59.934	2,975,521	0	79,828	0	2,851,520
60.940	3,025,340	0	81,169	0	2,899,097
61.936	3,070,921	0	82,368	0	2,943,295
62.580	3,084,774	0	82,729	0	2,955,213
63.581	3,084,774	0	82,729	0	2,955,213

7.23.28.1. Received Frame Size: 1

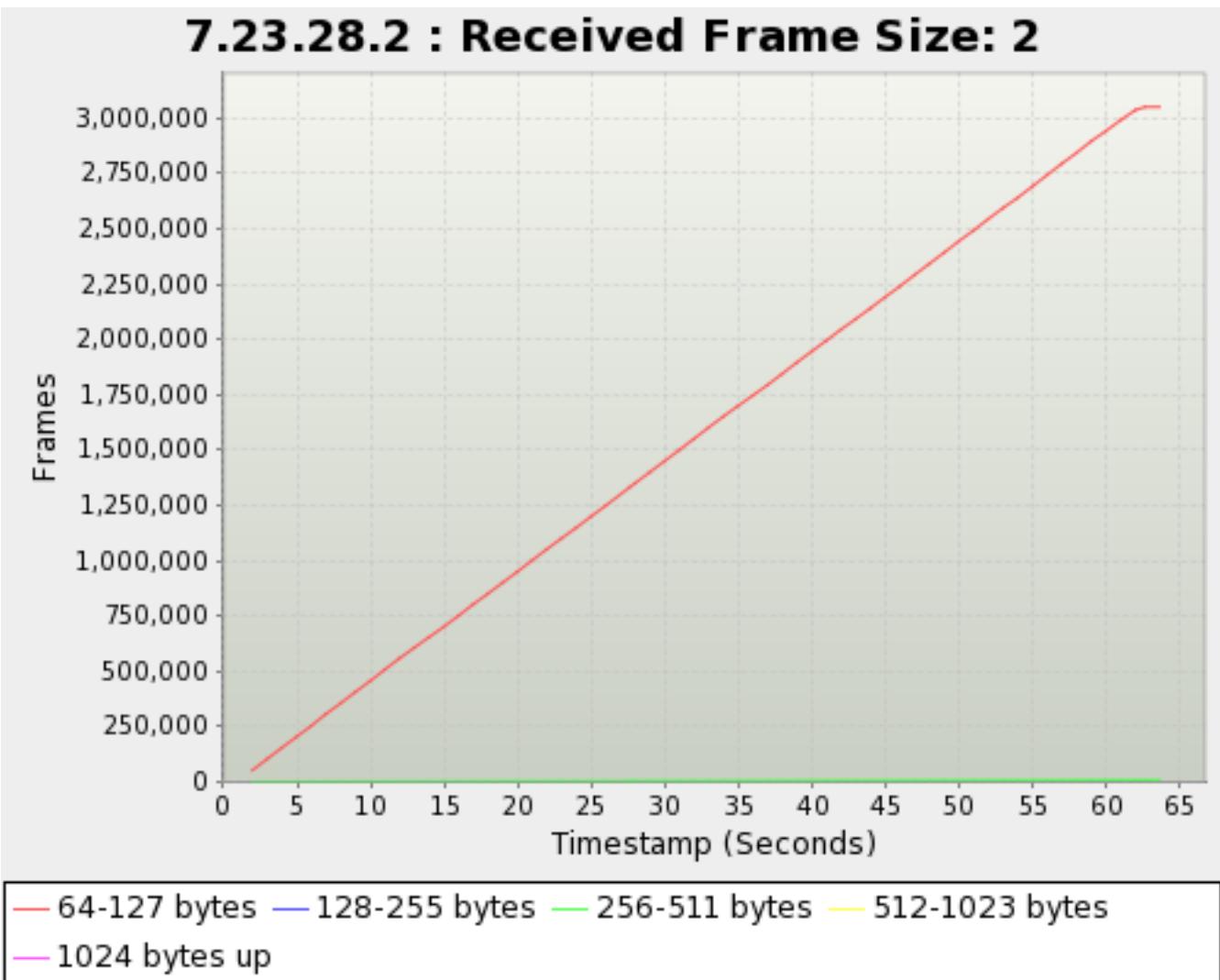


Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
1.944	824	0	1,109	0	51,108
2.942	1,378	0	2,324	0	100,765
3.938	1,875	0	3,521	0	150,112
4.937	2,394	0	4,740	0	198,030
5.938	3,039	0	5,978	0	246,335
6.938	3,705	0	7,250	0	297,493
7.938	4,266	0	8,405	0	344,944
8.941	4,759	0	9,617	0	393,824
9.937	5,343	0	10,800	0	441,571
10.939	5,914	0	12,060	0	492,561
11.939	6,525	0	13,283	0	541,635
12.940	7,019	0	14,422	0	587,741
13.937	7,516	0	15,577	0	634,093
14.937	8,001	0	16,689	0	679,567
15.942	8,542	0	17,922	0	728,323
16.935	9,130	0	19,156	0	777,199
17.936	9,678	0	20,363	0	824,994
18.937	10,261	0	21,552	0	872,559
19.935	10,781	0	22,754	0	920,959
20.935	11,428	0	24,011	0	970,220
21.939	11,942	0	25,231	0	1,019,802

Timestamp	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
Seconds	Frames				
22.936	12,530	0	26,460	0	1,067,576
23.937	13,083	0	27,610	0	1,113,884
24.939	13,675	0	28,812	0	1,163,115
25.935	14,216	0	29,974	0	1,209,571
27.569	15,144	0	32,009	0	1,290,650
27.938	15,357	0	32,450	0	1,308,327
28.936	15,940	0	33,674	0	1,356,904
29.936	16,548	0	34,896	0	1,404,700
30.940	17,153	0	36,113	0	1,453,801
31.938	17,692	0	37,350	0	1,503,042
32.946	18,235	0	38,601	0	1,552,508
33.935	18,854	0	39,806	0	1,600,256
34.938	19,438	0	40,981	0	1,647,075
35.939	19,961	0	42,125	0	1,692,815
36.946	20,456	0	43,274	0	1,739,358
37.941	21,035	0	44,489	0	1,788,214
38.937	21,679	0	45,741	0	1,837,384
39.947	22,276	0	46,936	0	1,885,850
40.937	22,765	0	48,108	0	1,932,898
41.937	23,309	0	49,352	0	1,981,897
42.936	23,919	0	50,511	0	2,028,019
43.937	24,384	0	51,672	0	2,075,403
44.935	24,924	0	52,898	0	2,124,242
45.933	25,495	0	54,086	0	2,171,404
46.946	26,077	0	55,364	0	2,221,631
47.940	26,703	0	56,571	0	2,270,342
48.935	27,265	0	57,787	0	2,318,118
49.940	27,807	0	59,036	0	2,368,788
50.942	28,333	0	60,218	0	2,415,594
51.934	28,967	0	61,484	0	2,465,339
52.942	29,533	0	62,696	0	2,514,761
53.944	30,049	0	63,833	0	2,559,663
54.950	30,651	0	65,101	0	2,610,367
55.934	31,229	0	66,334	0	2,659,141
56.936	31,830	0	67,578	0	2,708,658
57.941	32,372	0	68,759	0	2,756,490
58.933	32,967	0	70,033	0	2,806,302
59.934	33,511	0	71,169	0	2,851,520
60.940	34,096	0	72,361	0	2,899,097
61.936	34,458	0	73,529	0	2,943,295
62.580	34,581	0	73,890	0	2,955,213
63.581	34,581	0	73,890	0	2,955,213

7.23.28.2. Received Frame Size: 2



Received Frame Size statistics are currently aggregated "per interface", and not "per test component".

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
1.944	51,765	0	341	0	0
2.942	102,588	0	503	0	0
3.938	153,200	0	647	0	0
4.937	202,663	0	784	0	0
5.938	252,472	0	933	0	0
6.938	306,106	0	1,119	0	0
7.938	354,649	0	1,269	0	0
8.941	405,414	0	1,395	0	0
9.937	455,203	0	1,547	0	0
10.939	506,830	0	1,682	0	0
11.939	557,800	0	1,844	0	0
12.940	605,830	0	1,969	0	0
13.937	653,490	0	2,106	0	0
14.937	699,742	0	2,240	0	0
15.942	750,135	0	2,367	0	0
16.935	801,261	0	2,513	0	0
17.936	849,830	0	2,649	0	0
18.937	899,426	0	2,798	0	0
19.935	948,897	0	2,924	0	0
20.935	999,895	0	3,086	0	0
21.939	1,050,768	0	3,219	0	0

Timestamp Seconds	64-127 bytes	128-255 bytes	256-511 bytes	512-1023 bytes	1024 bytes up
<i>Frames</i>					
22.936	1,099,839	0	3,360	0	0
23.937	1,147,729	0	3,498	0	0
24.939	1,198,379	0	3,640	0	0
25.935	1,247,446	0	3,770	0	0
27.569	1,330,642	0	3,999	0	0
27.938	1,349,235	0	4,057	0	0
28.936	1,399,100	0	4,199	0	0
29.936	1,448,811	0	4,350	0	0
30.940	1,499,565	0	4,507	0	0
31.938	1,549,845	0	4,644	0	0
32.946	1,601,640	0	4,782	0	0
33.935	1,650,943	0	4,942	0	0
34.938	1,699,230	0	5,093	0	0
35.939	1,746,065	0	5,226	0	0
36.946	1,793,796	0	5,356	0	0
37.941	1,844,293	0	5,492	0	0
38.937	1,895,685	0	5,639	0	0
39.947	1,945,182	0	5,804	0	0
40.937	1,994,626	0	5,921	0	0
41.937	2,044,469	0	6,060	0	0
42.936	2,092,088	0	6,218	0	0
43.937	2,140,867	0	6,346	0	0
44.935	2,190,990	0	6,486	0	0
45.933	2,240,027	0	6,628	0	0
46.946	2,291,686	0	6,766	0	0
47.940	2,341,972	0	6,933	0	0
48.935	2,391,664	0	7,083	0	0
49.940	2,443,668	0	7,218	0	0
50.942	2,492,415	0	7,346	0	0
51.934	2,543,678	0	7,509	0	0
52.942	2,593,802	0	7,652	0	0
53.944	2,640,451	0	7,786	0	0
54.950	2,691,875	0	7,940	0	0
55.934	2,742,753	0	8,091	0	0
56.936	2,794,185	0	8,239	0	0
57.941	2,843,391	0	8,382	0	0
58.933	2,895,653	0	8,521	0	0
59.934	2,942,010	0	8,659	0	0
60.940	2,991,244	0	8,808	0	0
61.936	3,036,463	0	8,839	0	0
62.580	3,050,193	0	8,839	0	0
63.581	3,050,193	0	8,839	0	0

8. Aggregate Stats

8.1. Component Description

Component: Aggregate Statistics

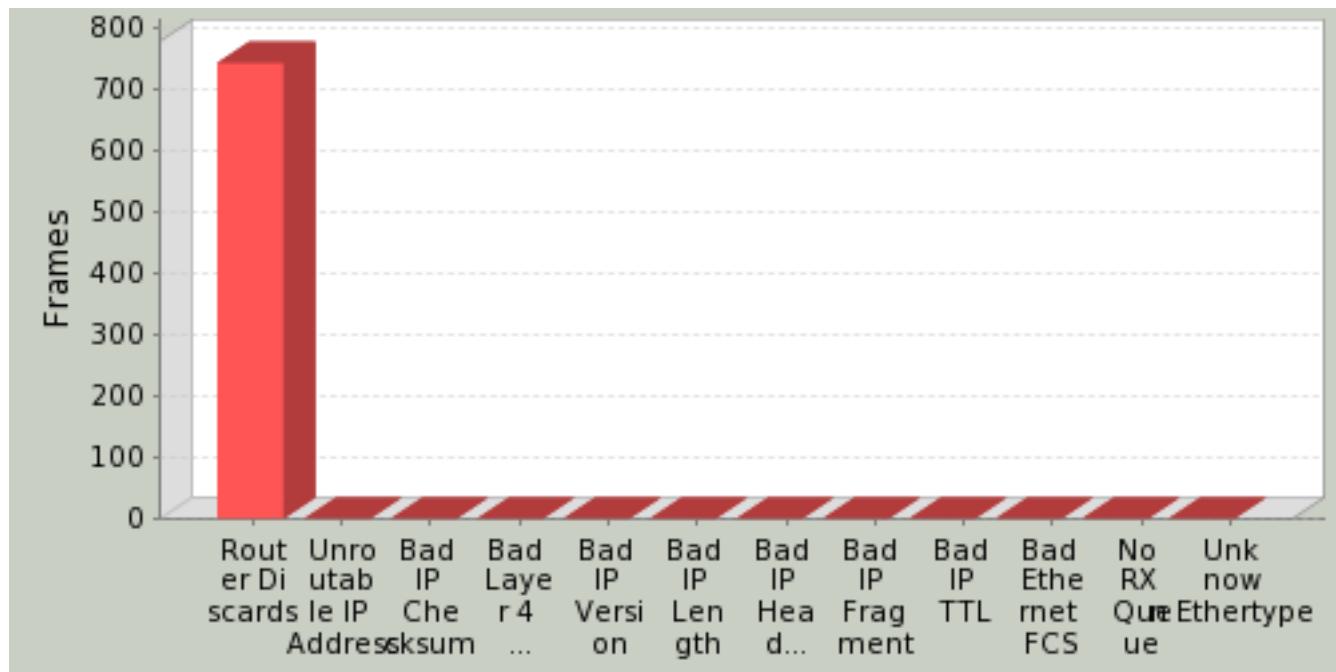
This component measures aggregate system and network statistics.

Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0
System Controller 0 statistics	sc0

8.2. Ethernet Summary

Measurement	Value
Transmitted Bytes	4,737,415,567
Received Bytes	4,737,393,023 100.000%
Transmit Frame Rate	~107000
Receive Frame Rate	~107100 100.051%
Transmit Megabit/s	682.4
Receive Megabit/s	681.9 99.923%
Transmitted Frames	6,123,813
Received Frames	6,123,491 99.995%
Transmit Pause Frames	0
Receive Pause Frames	0
Transmit errors Frames	0
FCS errors Frames	0
Alignment errors Frames	0
Undersize Frames	0
Oversize Frames	0
Drop Events Frames	0

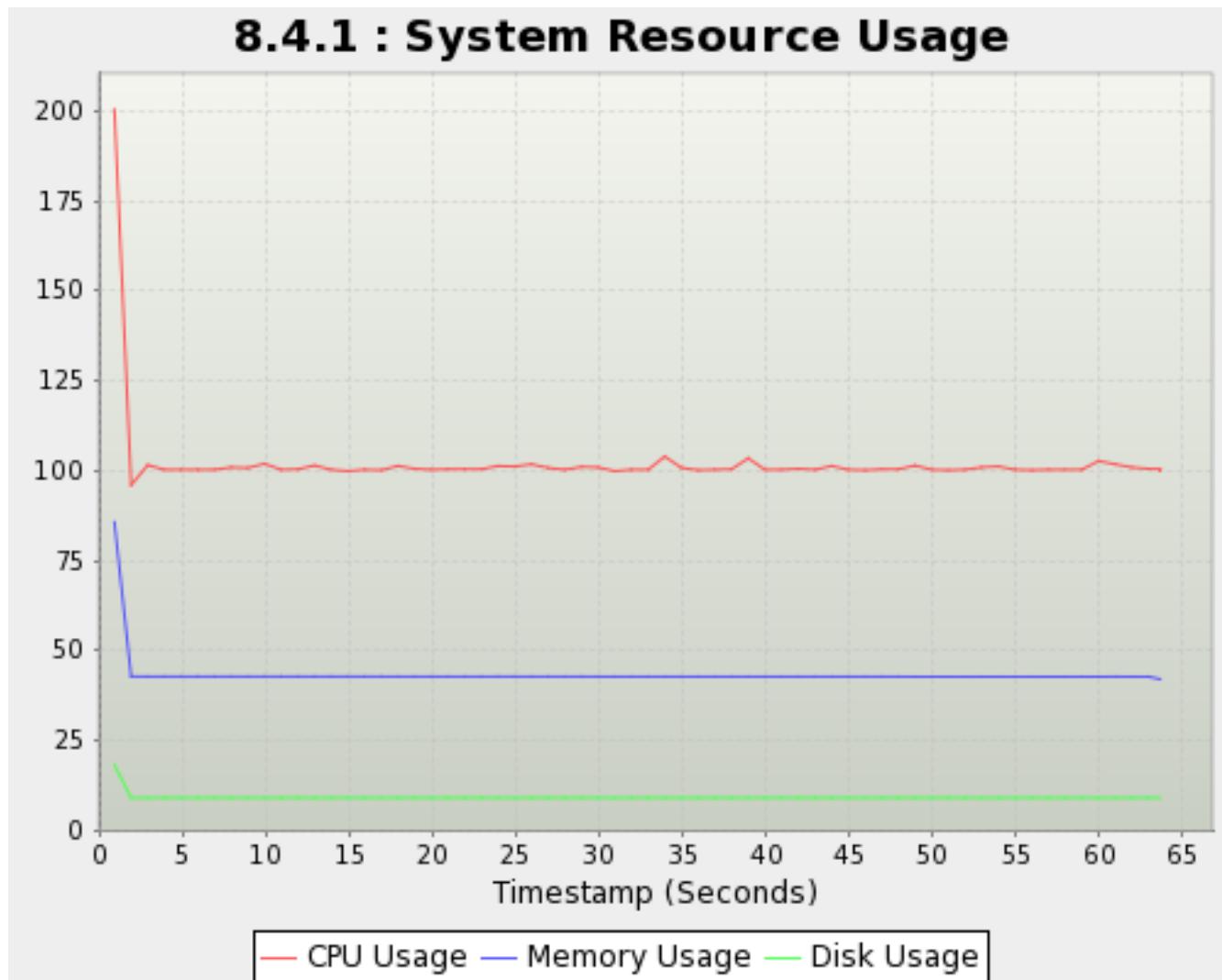
8.3. Router Summary



Measurement	Value (Frames)
Router Discards	775
Unrouteable IP Address	0
Bad IP Checksum	0
Bad Layer 4 Checksum	0
Bad IP Version	0
Bad IP Length	0
Bad IP Header Length	0
Bad IP Fragment	0
Bad IP TTL	0
Bad Ethernet FCS	0
No RX Queue	0
Unknown EtherType	0

8.4. Detail

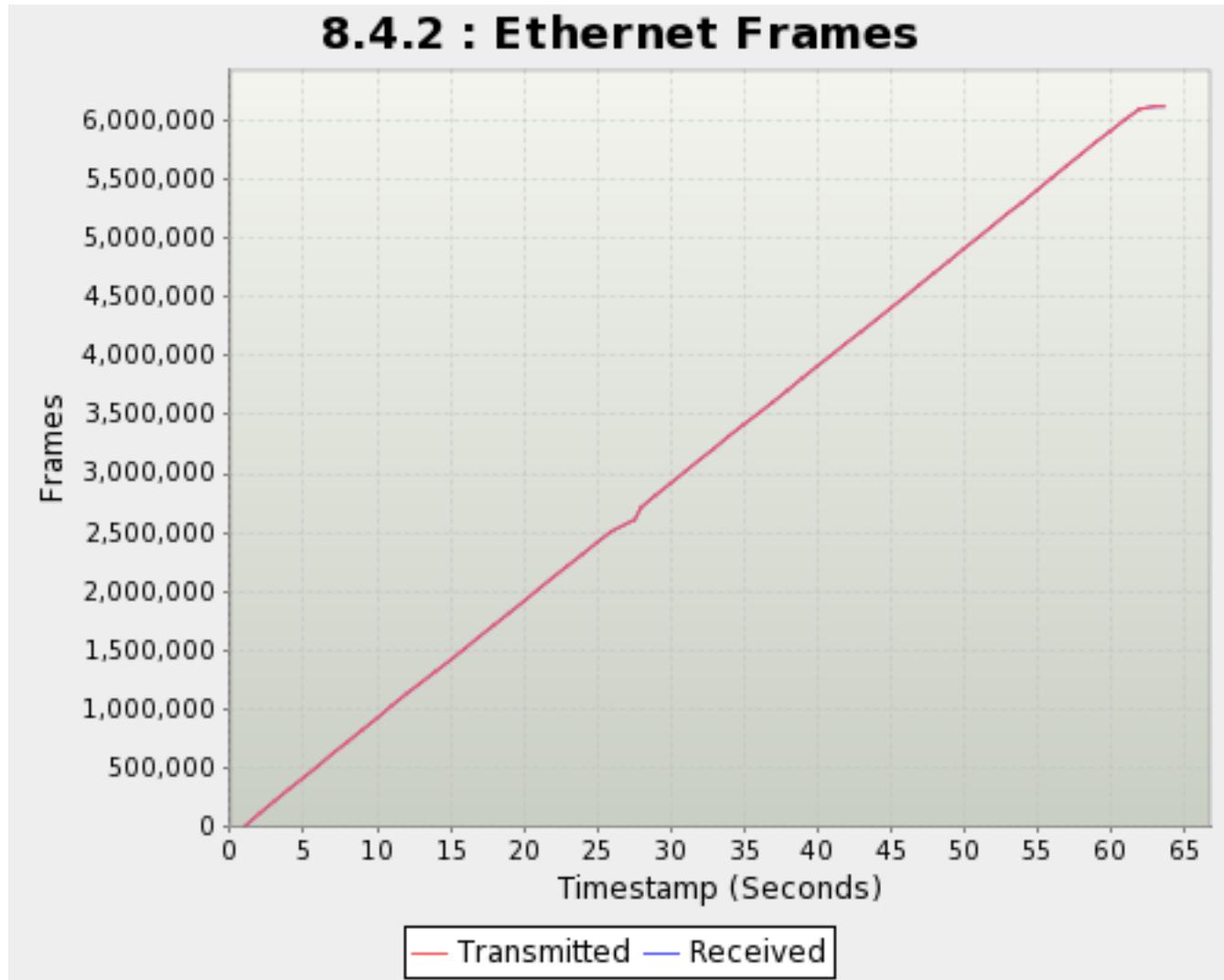
8.4.1. System Resource Usage



Timestamp	CPU Usage	Memory Usage	Disk Usage
Seconds		Percent	
0.937	200.54	85.82	18.30
1.937	96.11	42.91	9.15
2.937	101.65	42.89	9.15
3.936	100.38	42.89	9.15
4.936	100.38	42.89	9.15
5.937	100.38	42.89	9.15
6.936	100.38	42.89	9.15
7.936	101.02	42.89	9.15
8.936	100.88	42.89	9.15
9.936	102.02	42.89	9.15
10.936	100.38	42.89	9.15
11.936	100.50	42.89	9.15
12.936	101.54	42.89	9.15
13.936	100.38	42.89	9.15
14.936	99.98	42.89	9.15
15.936	100.38	42.89	9.15
16.936	100.25	42.89	9.15
17.936	101.40	42.87	9.15
18.936	100.63	42.87	9.15
19.937	100.38	42.87	9.15
20.936	100.51	42.87	9.15
21.936	100.51	42.87	9.15
22.936	100.51	42.87	9.15
23.936	101.40	42.89	9.15

Timestamp	CPU Usage		Memory Usage	Disk Usage
	Seconds		Percent	
24.936	101.26		42.88	9.15
25.936	101.89		42.87	9.15
26.936	100.88		42.88	9.15
27.936	100.38		42.87	9.15
28.937	101.16		42.87	9.15
29.936	101.01		42.86	9.15
30.936	99.98		42.86	9.15
31.936	100.38		42.86	9.15
32.937	100.38		42.86	9.15
33.936	104.04		42.86	9.15
34.936	100.89		42.86	9.15
35.937	100.25		42.86	9.15
36.936	100.38		42.86	9.15
37.937	100.50		42.86	9.15
38.936	103.54		42.86	9.15
39.936	100.38		42.86	9.15
40.936	100.38		42.86	9.15
41.936	100.63		42.86	9.15
42.936	100.38		42.86	9.15
43.936	101.39		42.86	9.15
44.936	100.38		42.86	9.15
45.936	100.25		42.86	9.15
46.937	100.50		42.86	9.15
47.936	100.50		42.86	9.15
48.936	101.52		42.83	9.15
49.936	100.38		42.83	9.15
50.936	100.25		42.83	9.15
51.936	100.38		42.83	9.15
52.937	101.03		42.83	9.15
53.937	101.27		42.83	9.15
54.936	100.38		42.83	9.15
55.937	100.25		42.83	9.15
56.936	100.38		42.83	9.15
57.936	100.38		42.83	9.15
58.936	100.38		42.84	9.15
59.936	102.78		42.83	9.15
60.937	101.89		42.85	9.15
61.936	101.01		42.84	9.15
62.936	100.63		42.84	9.15
63.637	100.54		42.15	9.15
63.622	100		0	0

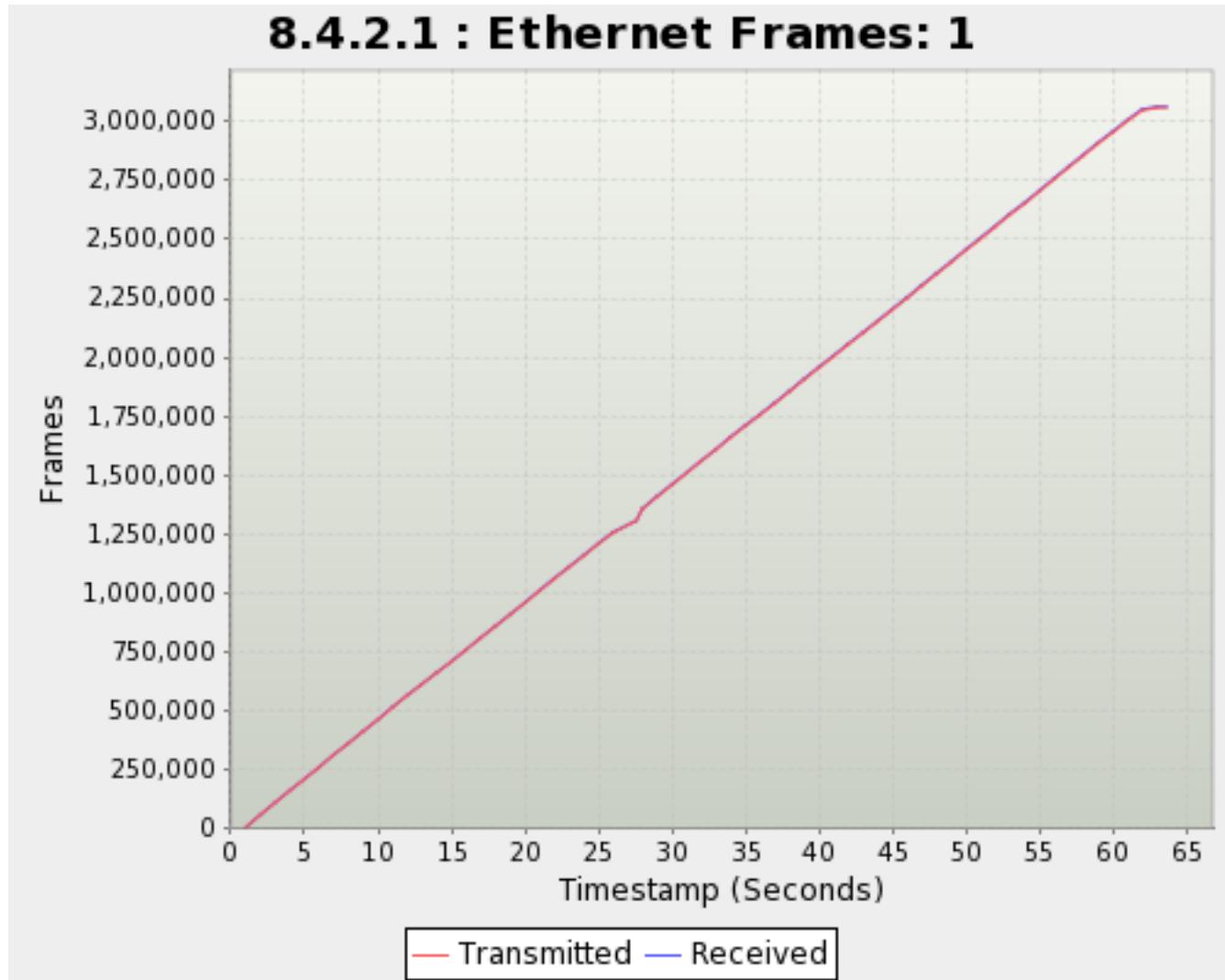
8.4.2. Ethernet Frames



Timestamp Seconds	Transmitted	Received	
		Frames	%
0.957	0	0	
0.957	6	6 100.00%	
1.957	107,691	107,367 99.699%	
2.955	211,491	210,689 99.621%	
3.953	313,590	313,269 99.898%	
4.954	412,518	411,973 99.868%	
5.953	512,187	512,022 99.968%	
6.949	618,833	618,681 99.975%	
7.953	717,187	716,458 99.898%	
8.956	818,670	817,958 99.913%	
9.955	916,743	916,286 99.950%	
10.956	1,023,741	1,022,771 99.905%	
11.949	1,124,407	1,123,469 99.917%	
12.953	1,219,285	1,219,226 99.995%	
13.949	1,315,182	1,315,043 99.989%	
14.955	1,410,370	1,409,733 99.955%	
15.952	1,510,976	1,510,265 99.953%	
16.953	1,613,614	1,612,482 99.930%	
17.954	1,712,037	1,711,070 99.944%	
18.953	1,810,468	1,810,043 99.977%	
19.953	1,909,890	1,909,545 99.982%	
20.953	2,013,671	2,012,993 99.966%	
21.954	2,115,378	2,115,138 99.989%	
22.957	2,214,120	2,213,572 99.975%	

Timestamp	Transmitted	Received
Seconds		Frames
23.953	2,310,796	2,310,294 99.978%
24.955	2,411,821	2,411,097 99.970%
25.954	2,508,875	2,508,381 99.980%
27.573	2,610,632	2,610,415 99.992%
27.988	2,713,055	2,712,078 99.964%
28.948	2,813,641	2,812,835 99.971%
29.953	2,912,500	2,912,309 99.993%
30.950	3,013,240	3,013,140 99.997%
31.953	3,115,759	3,115,455 99.990%
32.995	3,216,969	3,216,944 99.999%
33.954	3,317,870	3,317,731 99.996%
34.953	3,414,672	3,414,340 99.990%
35.952	3,509,516	3,508,991 99.985%
36.958	3,606,653	3,606,607 99.999%
37.956	3,706,981	3,706,551 99.988%
38.953	3,809,733	3,809,348 99.990%
39.955	3,910,028	3,909,549 99.988%
40.953	4,007,363	4,006,772 99.985%
41.954	4,108,136	4,107,936 99.995%
42.951	4,203,781	4,203,517 99.994%
43.954	4,302,414	4,301,977 99.990%
44.961	4,403,630	4,403,255 99.991%
45.949	4,501,874	4,500,882 99.978%
46.960	4,605,719	4,605,327 99.991%
47.953	4,705,769	4,705,448 99.993%
48.953	4,804,975	4,804,794 99.996%
49.960	4,909,250	4,909,187 99.999%
50.958	5,007,534	5,007,148 99.992%
51.978	5,110,184	5,110,137 99.999%
52.954	5,212,250	5,211,119 99.978%
53.957	5,305,786	5,305,354 99.992%
54.969	5,409,526	5,408,632 99.983%
55.954	5,512,201	5,511,317 99.984%
56.954	5,613,870	5,613,007 99.985%
57.953	5,713,634	5,713,000 99.989%
58.948	5,816,419	5,815,967 99.992%
59.953	5,910,391	5,910,057 99.994%
60.963	6,010,654	6,009,047 99.973%
61.954	6,099,821	6,099,499 99.995%
62.954	6,123,813	6,123,491 99.995%
63.643	6,123,813	6,123,491 99.995%

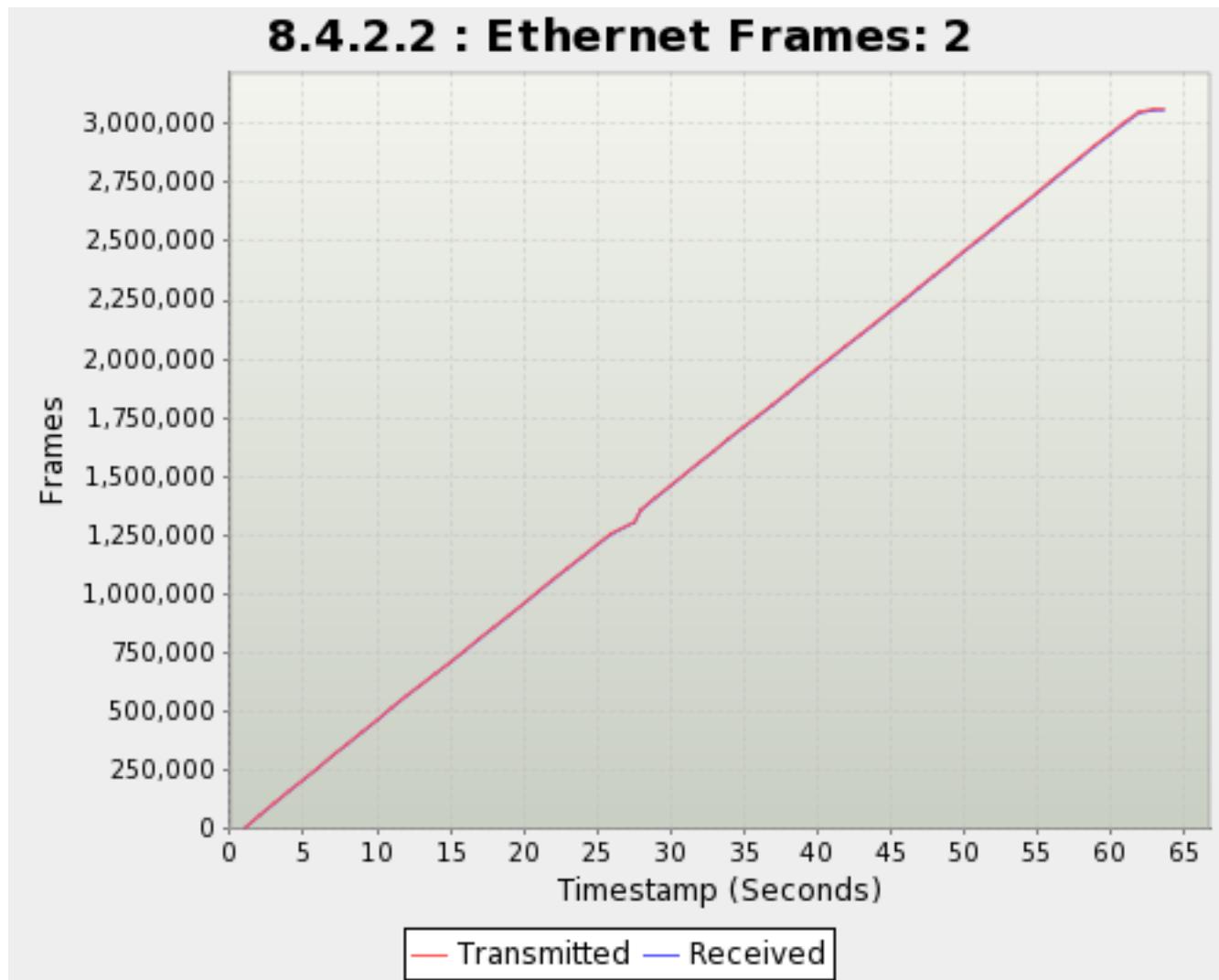
8.4.2.1. Ethernet Frames: 1



Timestamp Seconds	Transmitted		Received
	Frames	Percentage	Frames
0.957	0		0
0.957	4	50.000%	
1.957	53,373		54,282 101.703%
2.955	104,786		106,244 101.391%
3.953	155,842		157,428 101.018%
4.954	205,421		206,561 100.555%
5.953	255,382		256,804 100.557%
6.949	308,528		310,227 100.551%
7.953	357,670		358,793 100.314%
8.956	408,204		409,761 100.381%
9.955	457,605		458,871 100.277%
10.956	510,532		512,239 100.334%
11.949	561,198		562,448 100.223%
12.953	608,964		610,321 100.223%
13.949	656,955		658,227 100.194%
14.955	703,973		705,814 100.262%
15.952	754,455		756,108 100.219%
16.953	805,109		807,372 100.281%
17.954	854,597		856,602 100.235%
18.953	903,841		906,201 100.261%
19.953	953,919		955,913 100.209%
20.953	1,005,054		1,007,939 100.287%
21.954	1,056,176		1,059,202 100.287%
22.957	1,105,696		1,108,105 100.218%

Timestamp	Transmitted	Received
Seconds	Frames	
23.953	1,153,688	1,156,901 100.278%
24.955	1,204,558	1,207,112 100.212%
25.954	1,252,604	1,255,777 100.253%
27.573	1,304,222	1,306,358 100.164%
27.988	1,354,863	1,357,481 100.193%
28.948	1,405,156	1,407,922 100.197%
29.953	1,454,676	1,457,819 100.216%
30.950	1,505,390	1,507,847 100.163%
31.953	1,556,464	1,559,159 100.173%
32.995	1,607,325	1,609,621 100.143%
33.954	1,657,131	1,660,603 100.210%
34.953	1,705,580	1,708,781 100.188%
35.952	1,753,046	1,755,949 100.166%
36.958	1,801,145	1,805,468 100.240%
37.956	1,851,726	1,855,000 100.177%
38.953	1,902,681	1,906,998 100.227%
39.955	1,952,847	1,956,739 100.199%
40.953	2,001,548	2,005,296 100.187%
41.954	2,052,254	2,055,683 100.167%
42.951	2,100,129	2,103,628 100.167%
43.954	2,149,129	2,153,222 100.190%
44.961	2,199,709	2,203,754 100.184%
45.949	2,248,410	2,252,473 100.181%
46.960	2,300,384	2,304,950 100.198%
47.953	2,350,780	2,354,894 100.175%
48.953	2,400,246	2,404,709 100.186%
49.960	2,452,535	2,456,650 100.168%
50.958	2,501,252	2,506,015 100.190%
51.978	2,552,627	2,557,557 100.193%
52.954	2,603,753	2,608,455 100.181%
53.957	2,650,312	2,655,364 100.191%
54.969	2,702,773	2,706,711 100.146%
55.954	2,753,336	2,758,340 100.182%
56.954	2,804,595	2,809,201 100.164%
57.953	2,854,076	2,859,418 100.187%
58.948	2,905,781	2,910,638 100.167%
59.953	2,952,537	2,957,855 100.180%
60.963	3,002,525	3,007,415 100.163%
61.954	3,047,313	3,052,508 100.170%
62.954	3,059,665	3,064,148 100.147%
63.643	3,059,665	3,064,148 100.147%

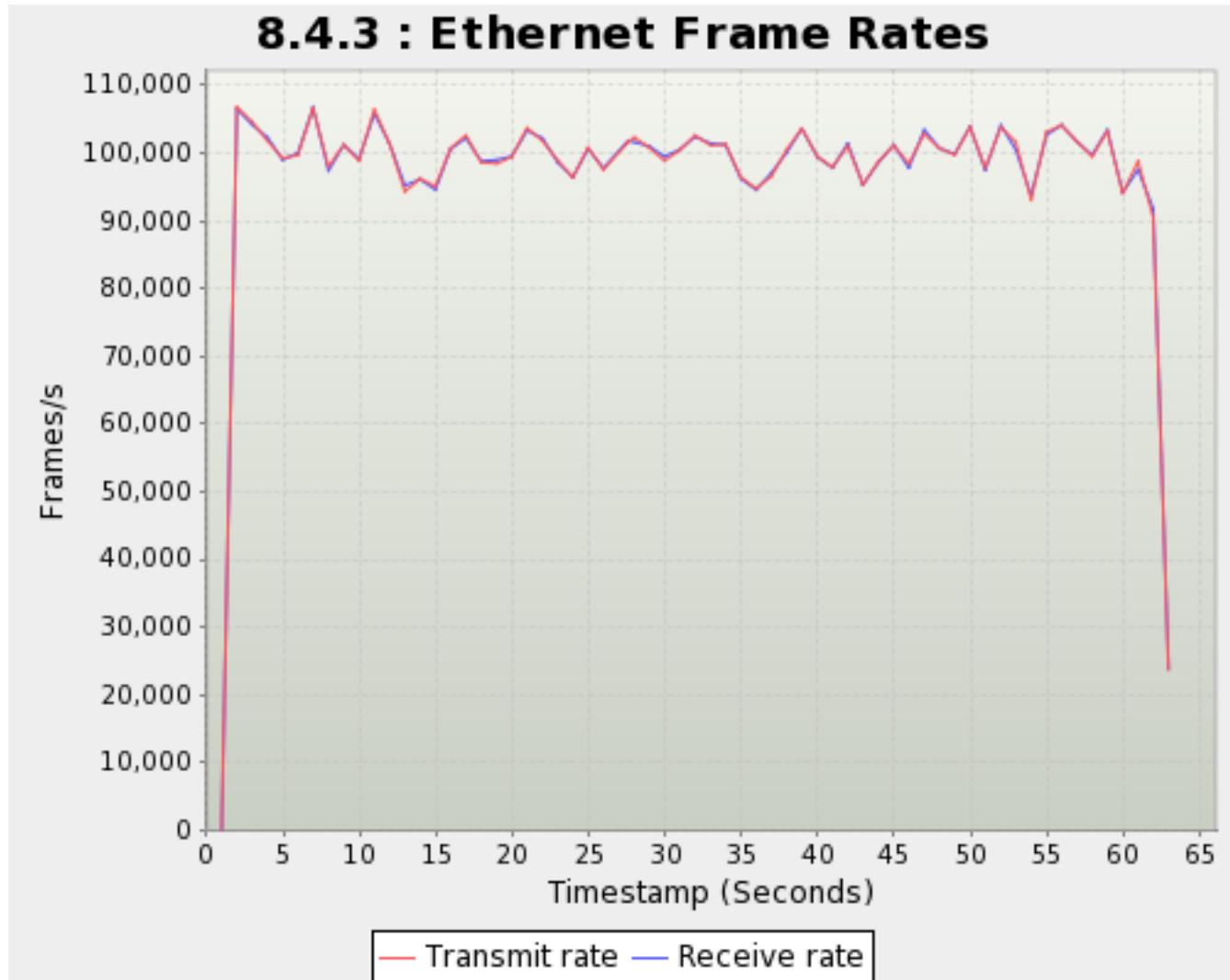
8.4.2.2. Ethernet Frames: 2



Timestamp	Transmitted	Received
Seconds	Frames	
0.957	0	0
0.957	2	4 200.000%
1.957	54,318	53,085 97.730%
2.955	106,705	104,445 97.882%
3.953	157,748	155,841 98.791%
4.954	207,097	205,412 99.186%
5.953	256,805	255,218 99.382%
6.949	310,305	308,454 99.403%
7.953	359,517	357,665 99.485%
8.956	410,466	408,197 99.447%
9.955	459,138	457,415 99.625%
10.956	513,209	510,532 99.478%
11.949	563,209	561,021 99.612%
12.953	610,321	608,905 99.768%
13.949	658,227	656,816 99.786%
14.955	706,397	703,919 99.649%
15.952	756,521	754,157 99.688%
16.953	808,505	805,110 99.580%
17.954	857,440	854,468 99.653%
18.953	906,627	903,842 99.693%
19.953	955,971	953,632 99.755%
20.953	1,008,617	1,005,054 99.647%
21.954	1,059,202	1,055,936 99.692%
22.957	1,108,424	1,105,467 99.733%

Timestamp	Transmitted	Received
Seconds		Frames
23.953	1,157,108	1,153,393 99.679%
24.955	1,207,263	1,203,985 99.728%
25.954	1,256,271	1,252,604 99.708%
27.573	1,306,410	1,304,057 99.820%
27.988	1,358,192	1,354,597 99.735%
28.948	1,408,485	1,404,913 99.746%
29.953	1,457,824	1,454,490 99.771%
30.950	1,507,850	1,505,293 99.830%
31.953	1,559,295	1,556,296 99.808%
32.995	1,609,644	1,607,323 99.856%
33.954	1,660,739	1,657,128 99.783%
34.953	1,709,092	1,705,559 99.793%
35.952	1,756,470	1,753,042 99.805%
36.958	1,805,508	1,801,139 99.758%
37.956	1,855,255	1,851,551 99.800%
38.953	1,907,052	1,902,350 99.753%
39.955	1,957,181	1,952,810 99.777%
40.953	2,005,815	2,001,476 99.784%
41.954	2,055,882	2,052,253 99.823%
42.951	2,103,652	2,099,889 99.821%
43.954	2,153,285	2,148,755 99.790%
44.961	2,203,921	2,199,501 99.799%
45.949	2,253,464	2,248,409 99.776%
46.960	2,305,335	2,300,377 99.785%
47.953	2,354,989	2,350,554 99.812%
48.953	2,404,729	2,400,085 99.807%
49.960	2,456,715	2,452,537 99.830%
50.958	2,506,282	2,501,133 99.795%
51.978	2,557,557	2,552,580 99.805%
52.954	2,608,497	2,602,664 99.776%
53.957	2,655,474	2,649,990 99.793%
54.969	2,706,753	2,701,921 99.821%
55.954	2,758,865	2,752,977 99.787%
56.954	2,809,275	2,803,806 99.805%
57.953	2,859,558	2,853,582 99.791%
58.948	2,910,638	2,905,329 99.818%
59.953	2,957,854	2,952,202 99.809%
60.963	3,008,129	3,001,632 99.784%
61.954	3,052,508	3,046,991 99.819%
62.954	3,064,148	3,059,343 99.843%
63.643	3,064,148	3,059,343 99.843%

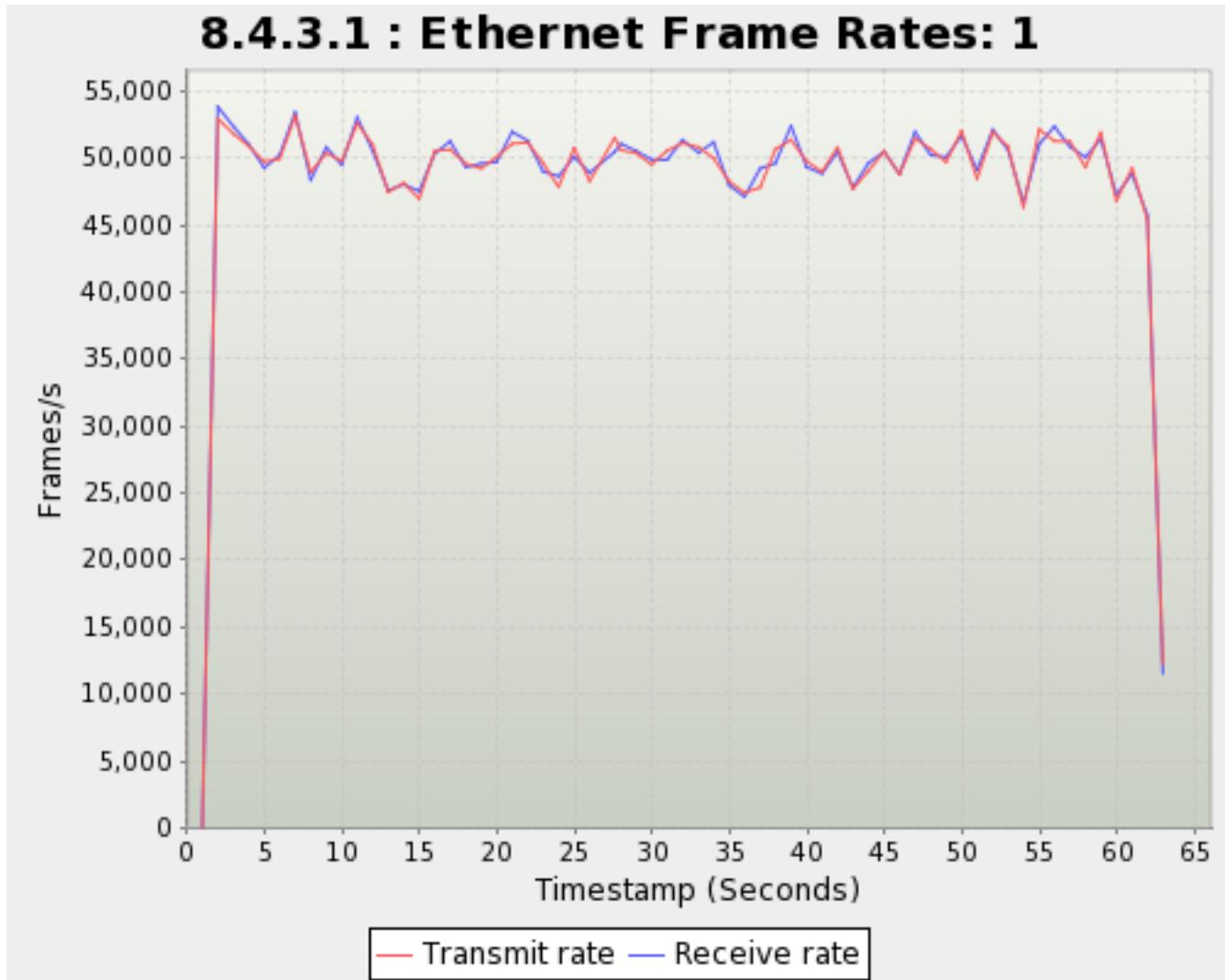
8.4.3. Ethernet Frame Rates



Timestamp	Transmit rate	Receive rate
Seconds	Frames/s	
0.957	0.00	0.00
0.957	6.410	6.410
1.957	~106800	~106500
2.955	~104600	~104200
3.953	~101800	~102300
4.954	~99230	~99000
5.953	~99670	~100000
6.949	~106600	~106700
7.953	~97960	~97390
8.956	~101200	~101200
9.955	~98860	~99120
10.956	~106400	~105800
11.949	~101400	~101400
12.953	~94310	~95190
13.949	~96190	~96110
14.955	~95090	~94600
15.952	~100700	~100600
16.953	~102600	~102200
17.954	~98620	~98790
18.953	~98430	~98970
19.953	~99420	~99500
20.953	~103700	~103300
21.954	~101800	~102200
22.957	~98940	~98630

Timestamp Seconds	Transmit rate	Receive rate Frames/s
23.953	~96390	~96430
24.955	~100800	~100600
25.954	~97540	~97770
27.573	~101600	~101800
27.988	~102300	~101600
28.948	~100800	~101000
29.953	~98860	~99470
30.950	~100400	~100500
31.953	~102600	~102400
32.995	~101100	~101400
33.954	~101300	~101200
34.953	~96420	~96220
35.952	~94750	~94560
36.958	~96560	~97030
37.956	~100500	~100100
38.953	~103600	~103600
39.955	~99500	~99410
40.953	~97920	~97810
41.954	~101000	~101400
42.951	~95360	~95300
43.954	~98730	~98560
44.961	~101100	~101200
45.949	~98440	~97820
46.960	~102800	~103400
47.953	~100700	~100700
48.953	~99700	~99850
49.960	~103800	~103900
50.958	~97800	~97470
51.978	~103800	~104100
52.954	~101600	~100500
53.957	~93070	~93770
54.969	~103100	~102700
55.954	~104100	~104100
56.954	~101700	~101700
57.953	~99470	~99690
58.948	~103200	~103400
59.953	~94070	~94180
60.963	~98780	~97530
61.954	~90430	~91740
62.954	~23800	~23800
63.643	0.00	0.00

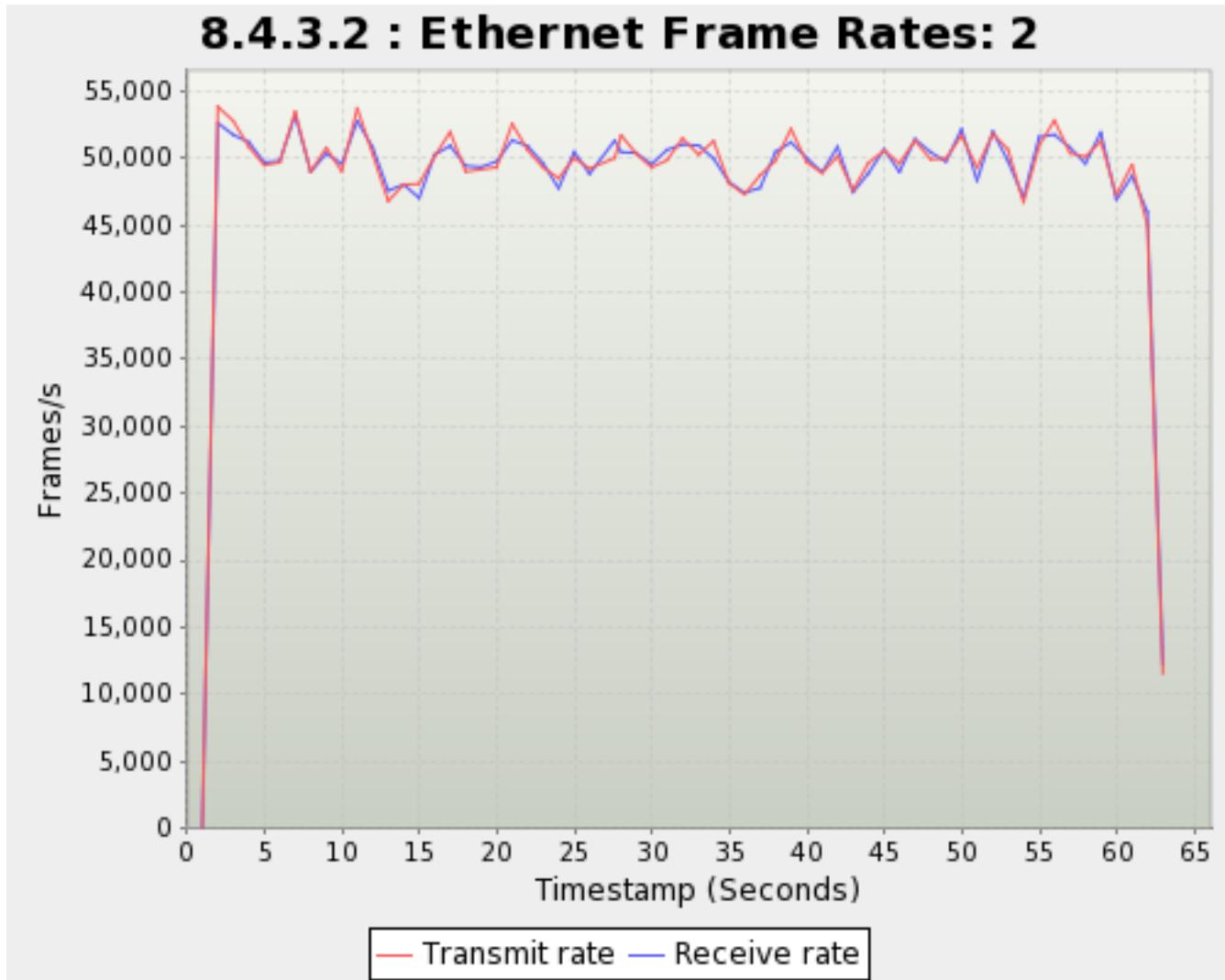
8.4.3.1. Ethernet Frame Rates: 1



Timestamp Seconds	Transmit rate	Receive rate
0.957	0.00	0.00
0.957	4.274	2.137
1.957	-52950	~53850
2.955	-51830	~52380
3.953	-50900	~51030
4.954	-49730	~49280
5.953	-49960	~50240
6.949	-53150	~53420
7.953	-48950	~48370
8.956	-50380	~50820
9.955	-49800	~49510
10.956	-52610	~53050
11.949	-51020	~50560
12.953	-47480	~47590
13.949	-48140	~48050
14.955	-46970	~47540
15.952	-50530	~50340
16.953	-50650	~51260
17.954	-49590	~49330
18.953	-49240	~49600
19.953	-50080	~49710
20.953	-51080	~51970
21.954	-51170	~51310
22.957	-49620	~49000

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.953	~47850	~48650
24.955	~50770	~50110
25.954	~48290	~48910
27.573	~51510	~50480
27.988	~50590	~51070
28.948	~50390	~50540
29.953	49,520	~49900
30.950	~50560	~49880
31.953	~51130	~51360
32.995	~50810	~50410
33.954	~50010	~51190
34.953	~48260	~47990
35.952	~47420	~47120
36.958	~47810	~49220
37.956	~50680	~49630
38.953	~51370	~52420
39.955	~49770	~49350
40.953	~48990	~48850
41.954	~50810	~50490
42.951	~47730	~47800
43.954	~49050	~49640
44.961	~50530	~50480
45.949	~48800	~48820
46.960	~51460	~51960
47.953	~50700	~50250
48.953	~49710	~50070
49.960	~52030	~51680
50.958	~48470	~49120
51.978	~51950	~52120
52.954	~50870	~50640
53.957	~46330	~46680
54.969	~52150	~51040
55.954	~51280	~52360
56.954	~51260	~50860
57.953	~49330	~50070
58.948	~51910	~51430
59.953	~46800	~47260
60.963	~49250	~48830
61.954	~45420	~45730
62.954	~12250	~11550
63.643	0.00	0.00

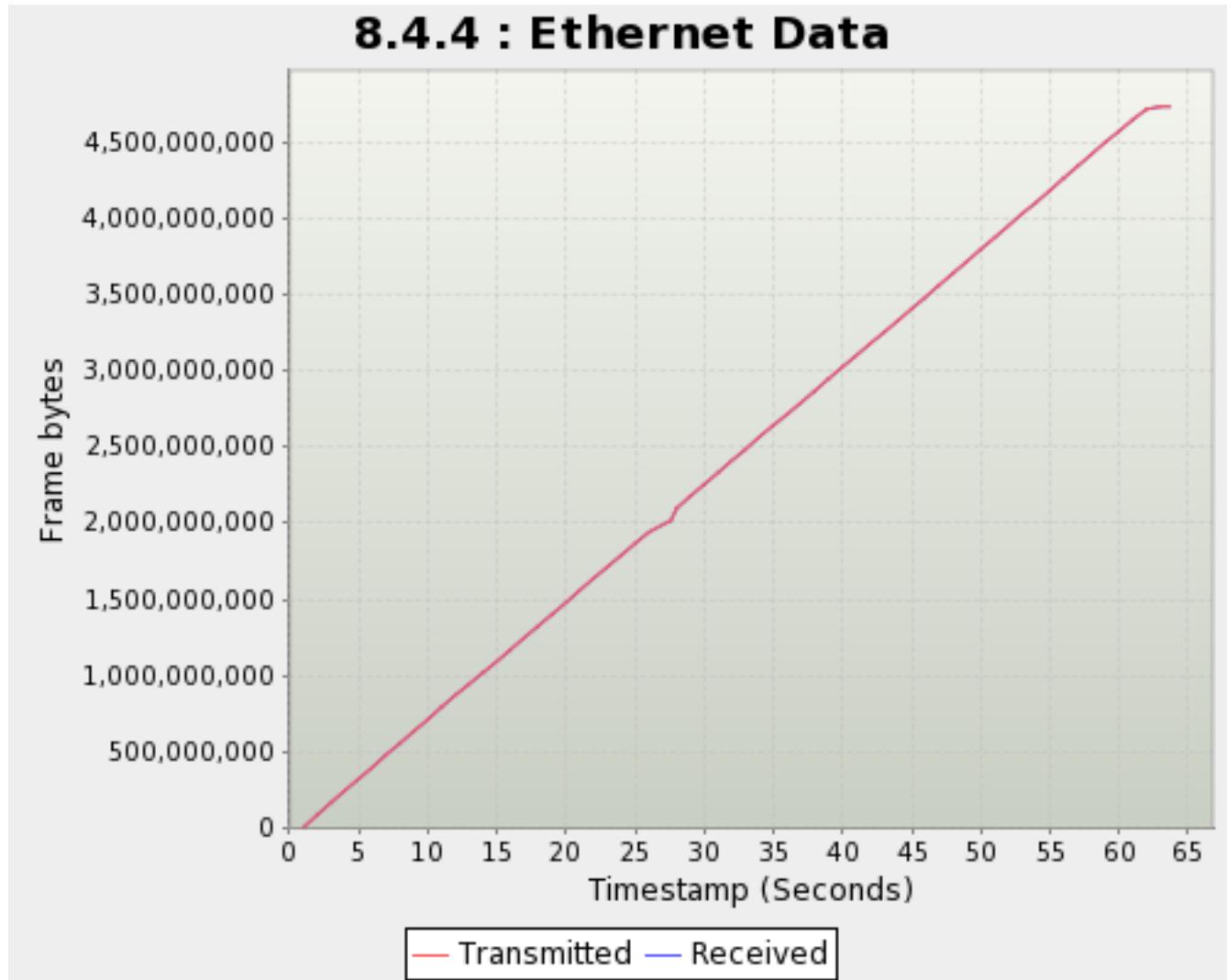
8.4.3.2. Ethernet Frame Rates: 2



Timestamp	Transmit rate	Receive rate
Seconds	Frames/s	
0.957	0.00	0.00
0.957	2.137	4.274
1.957	-53880	-52660
2.955	-52810	-51770
3.953	-50890	-51240
4.954	-49500	-49720
5.953	-49710	-49810
6.949	53,500	-53240
7.953	-49020	-49010
8.956	-50800	-50380
9.955	-49060	-49610
10.956	-53750	-52800
11.949	-50350	-50840
12.953	-46830	-47600
13.949	-48050	-48060
14.955	-48120	-47060
15.952	-50170	-50290
16.953	-51980	-50950
17.954	-49030	-49460
18.953	-49190	-49370
19.953	-49340	49,790
20.953	-52590	-51370
21.954	-50640	-50930
22.957	-49320	-49630

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.953	~48540	~47780
24.955	~50050	~50490
25.954	~49250	~48860
27.573	~50040	~51350
27.988	~51730	~50490
28.948	~50390	~50420
29.953	~49340	~49580
30.950	~49880	~50650
31.953	~51500	~51050
32.995	~50300	~50980
33.954	~51300	~50010
34.953	~48160	~48240
35.952	~47330	~47440
36.958	~48750	~47810
37.956	~49850	~50510
38.953	~52210	~51210
39.955	~49730	~50060
40.953	~48930	~48960
41.954	~50170	~50880
42.951	~47630	~47490
43.954	~49680	~48910
44.961	~50590	~50700
45.949	~49640	~49010
46.960	~51360	~51450
47.953	~49950	~50480
48.953	~49990	~49780
49.960	~51730	~52190
50.958	~49320	~48350
51.978	~51850	~52020
52.954	~50690	~49830
53.957	~46740	~47090
54.969	~50970	~51620
55.954	~52850	~51780
56.954	50,410	~50830
57.953	~50130	~49630
58.948	~51290	~51950
59.953	~47260	~46920
60.963	~49530	~48700
61.954	~45010	~46000
62.954	~11550	~12250
63.643	0.00	0.00

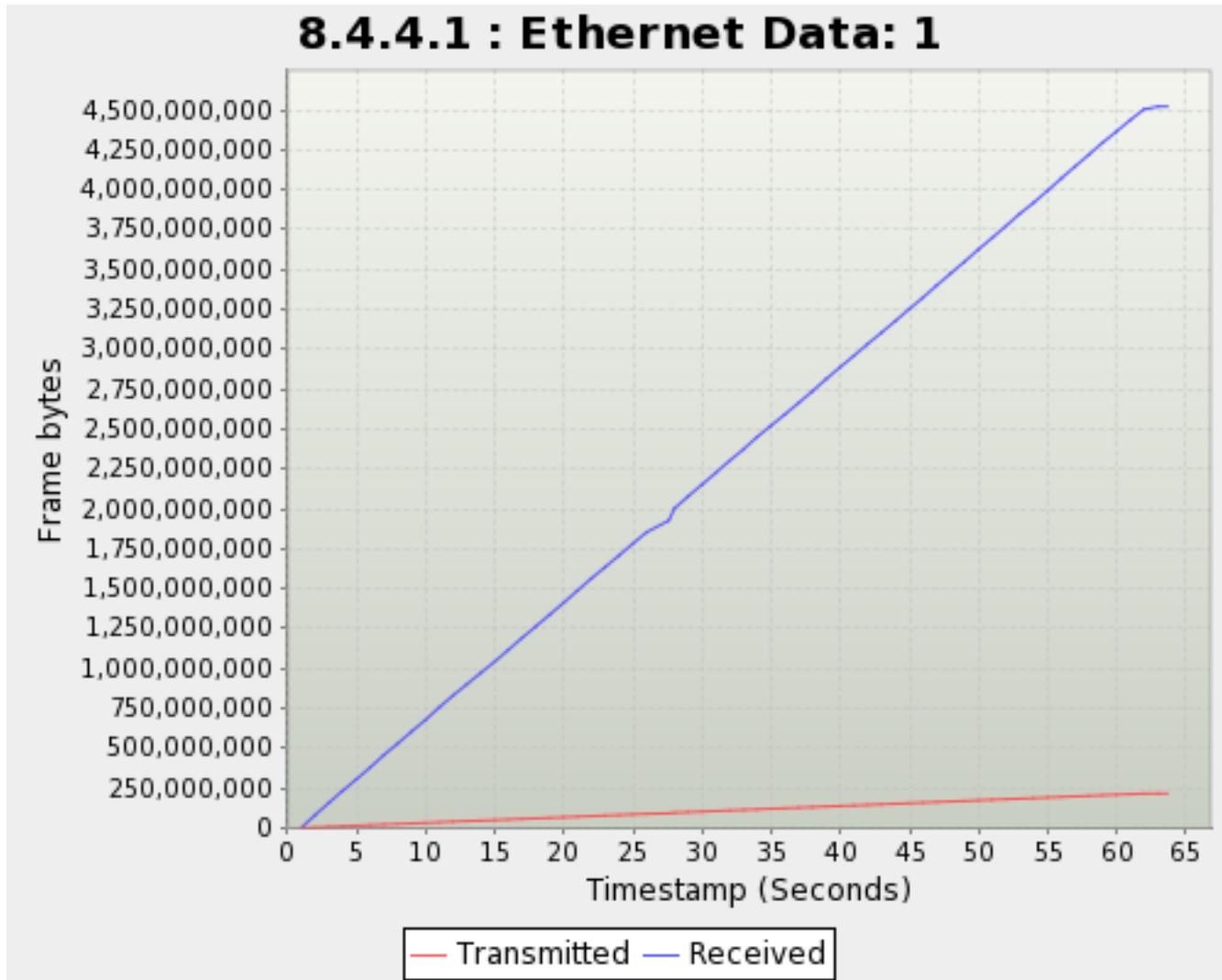
8.4.4. Ethernet Data



Timestamp	Transmitted		Received
	Seconds	Frame bytes	
0.957	0	0	
0.957	436	436 100.000%	
1.957	83,830,441	83,757,690 99.913%	
2.955	164,841,461	164,134,346 99.571%	
3.953	243,908,297	243,436,899 99.807%	
4.954	320,202,494	319,419,807 99.756%	
5.953	396,960,985	396,949,439 99.997%	
6.949	479,586,777	479,469,370 99.976%	
7.953	555,724,572	554,650,478 99.807%	
8.956	634,590,347	633,546,920 99.836%	
9.955	709,864,472	709,457,196 99.943%	
10.956	793,433,904	791,990,318 99.818%	
11.949	870,772,871	869,628,371 99.869%	
12.953	943,705,966	943,701,836 100.000%	
13.949	1,017,849,690	1,017,841,408 99.999%	
14.955	1,092,348,779	1,091,482,600 99.921%	
15.952	1,169,895,837	1,169,256,219 99.945%	
16.953	1,250,148,235	1,248,465,349 99.865%	
17.954	1,325,839,613	1,324,588,849 99.906%	
18.953	1,401,863,907	1,401,238,995 99.955%	
19.953	1,478,268,617	1,478,166,053 99.993%	
20.953	1,559,470,133	1,558,464,845 99.936%	
21.954	1,637,814,113	1,637,797,247 99.999%	
22.957	1,713,852,235	1,713,371,495 99.972%	

Timestamp	Transmitted	Received
Seconds	Frame bytes	
23.953	1,789,096,913	1,788,771,179 99.982%
24.955	1,866,697,350	1,866,431,392 99.986%
25.954	1,942,415,255	1,941,679,817 99.962%
27.573	2,020,029,273	2,019,944,960 99.996%
27.988	2,100,012,737	2,098,943,709 99.949%
28.948	2,177,742,116	2,176,892,164 99.961%
29.953	2,253,961,964	2,253,942,199 99.999%
30.950	2,331,321,944	2,331,310,364 100.000%
31.953	2,410,888,550	2,410,676,114 99.991%
32.995	2,488,785,229	2,488,750,175 99.999%
33.954	2,567,613,466	2,567,411,499 99.992%
34.953	2,642,336,855	2,641,881,375 99.983%
35.952	2,715,615,107	2,714,853,238 99.972%
36.958	2,791,481,337	2,791,423,845 99.998%
37.956	2,868,407,273	2,868,017,498 99.986%
38.953	2,948,357,410	2,948,253,349 99.996%
39.955	3,025,844,619	3,025,185,898 99.978%
40.953	3,101,103,161	3,100,336,720 99.975%
41.954	3,178,583,767	3,178,287,383 99.991%
42.951	3,252,372,867	3,252,319,635 99.998%
43.954	3,329,210,257	3,329,090,349 99.996%
44.961	3,407,546,775	3,407,283,544 99.992%
45.949	3,484,031,424	3,482,574,048 99.958%
46.960	3,564,219,035	3,563,652,558 99.984%
47.953	3,640,980,017	3,640,823,593 99.996%
48.953	3,717,869,840	3,717,828,202 99.999%
49.960	3,798,338,848	3,798,242,518 99.997%
50.958	3,874,949,124	3,874,547,792 99.990%
51.978	3,954,137,339	3,954,134,045 100.000%
52.954	4,032,957,285	4,032,818,112 99.997%
53.957	4,105,538,583	4,105,352,669 99.995%
54.969	4,184,894,714	4,184,772,159 99.997%
55.954	4,265,360,798	4,264,553,946 99.981%
56.954	4,343,335,716	4,343,168,047 99.996%
57.953	4,421,054,795	4,420,812,015 99.995%
58.948	4,500,036,381	4,500,004,737 99.999%
59.953	4,572,971,500	4,572,949,564 100.000%
60.963	4,650,666,322	4,649,551,811 99.976%
61.954	4,719,432,650	4,719,410,106 100.000%
62.954	4,737,415,567	4,737,393,023 100.000%
63.643	4,737,415,567	4,737,393,023 100.000%

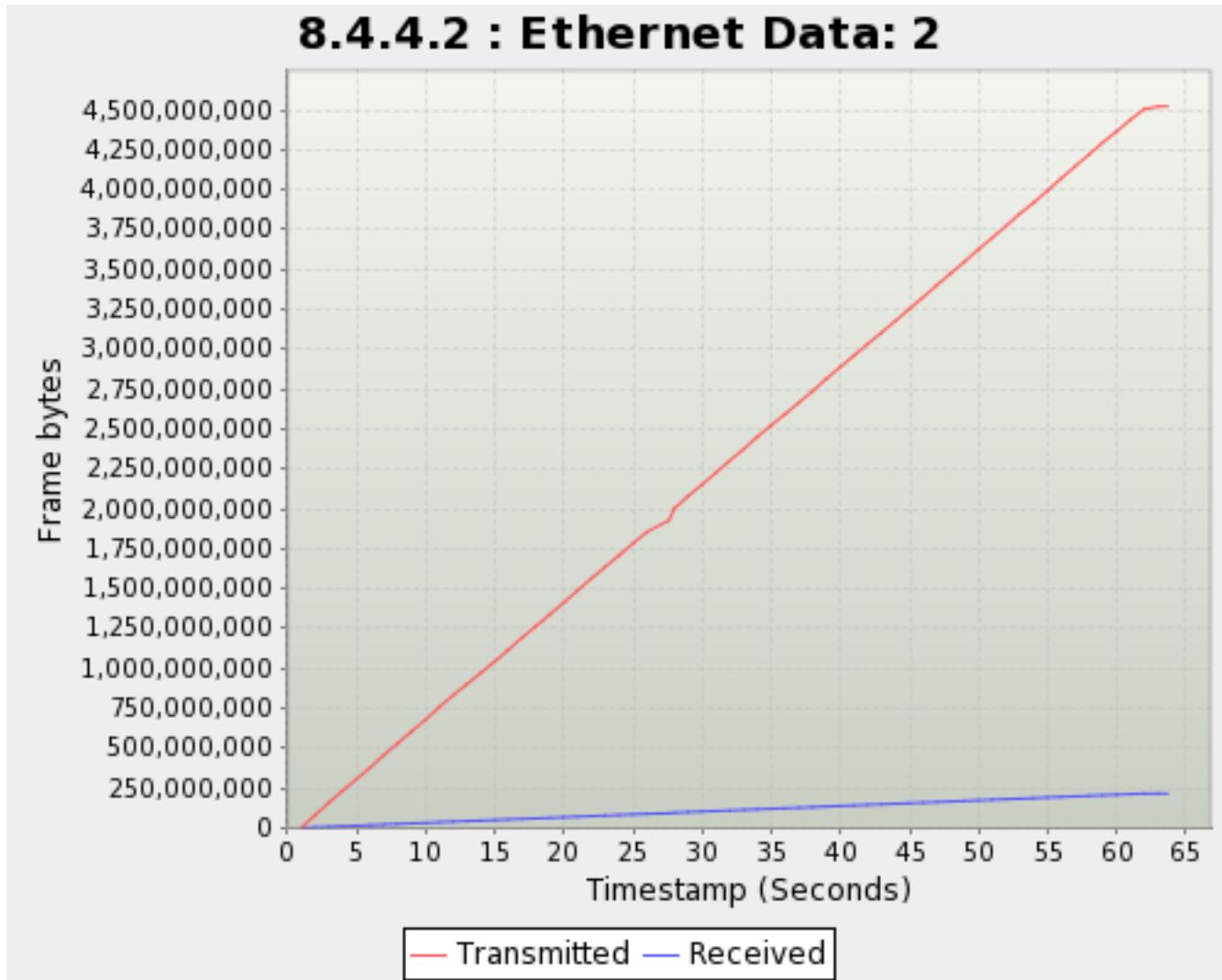
8.4.4.1. Ethernet Data: 1



Timestamp	Transmitted	Received
Seconds	Frame bytes	
0.957	0	0
0.957	288	148 51.389%
1.957	3,821,398	79,956,924 2092.347%
2.955	7,458,876	156,699,812 2100.850%
3.953	11,064,648	232,372,321 2100.133%
4.954	14,568,770	304,851,671 2092.501%
5.953	18,103,244	378,857,671 2092.761%
6.949	21,868,240	457,606,310 2092.561%
7.953	25,342,924	529,307,904 2088.583%
8.956	28,909,600	604,637,810 2091.478%
9.955	32,405,302	677,065,446 2089.366%
10.956	36,142,596	755,847,722 2091.293%
11.949	39,728,496	829,912,269 2088.960%
12.953	43,100,668	900,605,298 2089.539%
13.949	46,492,358	971,358,780 2089.287%
14.955	49,816,194	1,041,670,422 2091.028%
15.952	53,380,666	1,115,896,885 2090.451%
16.953	56,961,478	1,191,503,801 2091.771%
17.954	60,458,258	1,264,139,621 2090.930%
18.953	63,940,802	1,337,298,123 2091.463%
19.953	67,477,422	1,410,708,961 2090.638%
20.953	71,094,532	1,487,370,313 2092.102%
21.954	74,704,998	1,563,109,115 2092.376%
22.957	78,205,668	1,635,181,857 2090.874%

Timestamp	Transmitted	Received
Seconds		Frame bytes
23.953	81,598,652	1,707,193,413 2092.183%
24.955	85,192,924	1,781,278,818 2090.876%
25.954	88,588,524	1,853,091,293 2091.796%
27.573	92,234,648	1,927,721,862 2090.019%
27.988	95,815,726	2,003,146,603 2090.624%
28.948	99,369,352	2,077,540,534 2090.726%
29.953	102,872,180	2,151,083,275 2091.025%
30.950	106,459,540	2,224,857,850 2089.862%
31.953	110,067,100	2,300,620,774 2090.198%
32.995	113,659,482	2,375,090,833 2089.655%
33.954	117,185,686	2,450,226,023 2090.892%
34.953	120,614,480	2,521,268,365 2090.353%
35.952	123,968,284	2,590,885,234 2089.958%
36.958	127,365,426	2,664,058,839 2091.666%
37.956	130,939,452	2,737,090,536 2090.348%
38.953	134,542,094	2,813,734,425 2091.341%
39.955	138,092,018	2,887,096,470 2090.705%
40.953	141,529,888	2,958,811,872 2090.592%
41.954	145,112,636	3,033,174,817 2090.221%
42.951	148,500,570	3,103,835,865 2090.117%
43.954	151,961,922	3,177,154,863 2090.757%
44.961	155,537,018	3,251,761,732 2090.667%
45.949	158,979,192	3,323,594,926 2090.585%
46.960	162,651,216	3,401,001,832 2090.978%
47.953	166,218,184	3,474,621,229 2090.398%
48.953	169,716,260	3,548,123,220 2090.621%
49.960	173,409,098	3,624,833,280 2090.336%
50.958	176,850,240	3,697,705,882 2090.868%
51.978	180,485,778	3,773,651,561 2090.830%
52.954	184,098,410	3,848,796,200 2090.619%
53.957	187,390,356	3,917,984,857 2090.815%
54.969	191,098,798	3,993,733,241 2089.879%
55.954	194,675,136	4,069,904,656 2090.613%
56.954	198,299,678	4,144,924,787 2090.233%
57.953	201,795,496	4,219,051,103 2090.756%
58.948	205,449,858	4,294,586,523 2090.333%
59.953	208,755,662	4,364,217,356 2090.586%
60.963	212,291,718	4,437,323,079 2090.201%
61.954	215,431,142	4,504,001,508 2090.692%
62.954	216,295,782	4,521,119,785 2090.249%
63.643	216,295,782	4,521,119,785 2090.249%

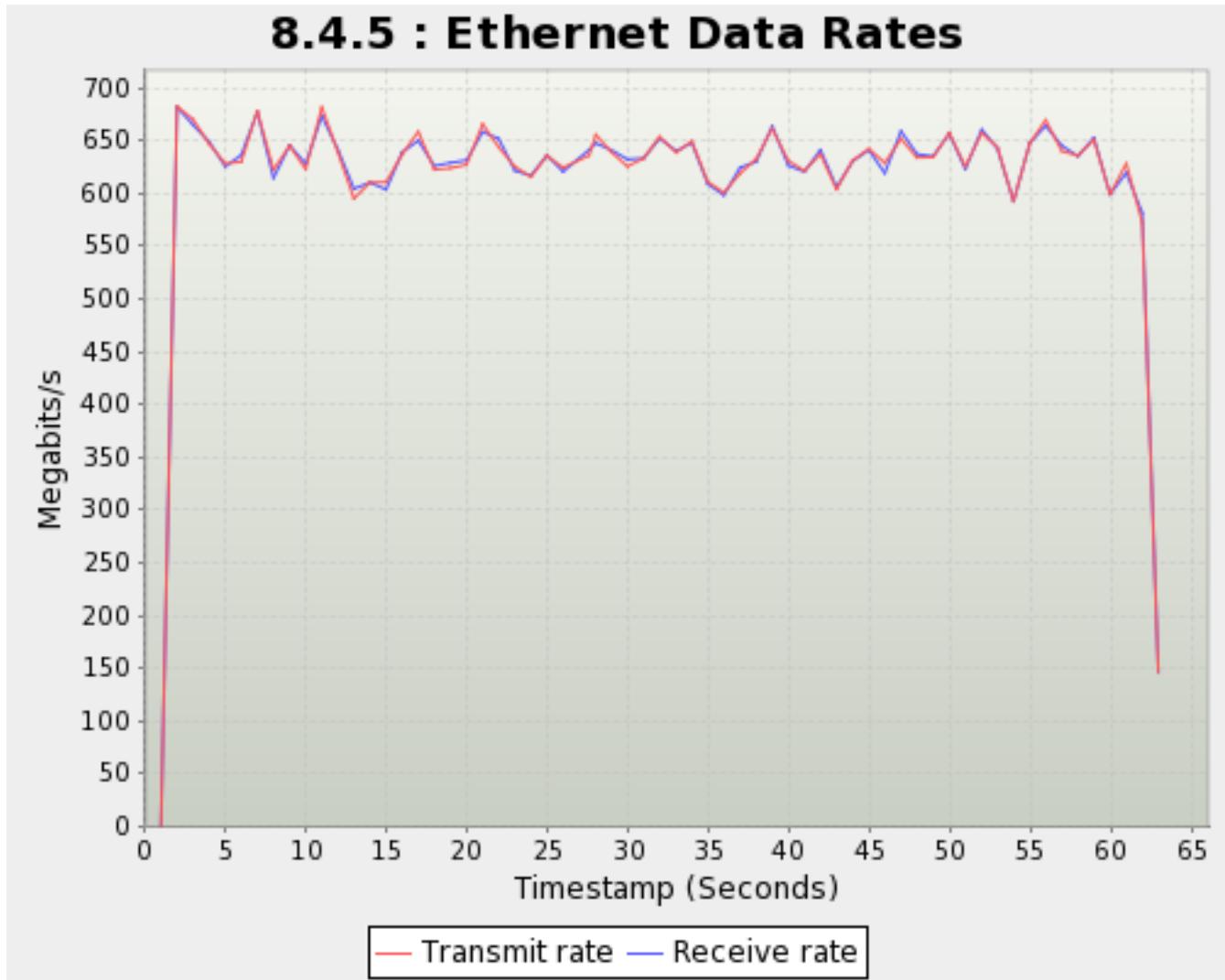
8.4.4.2. Ethernet Data: 2



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
0.957	0	0	0
0.957	148	288	194.595%
1.957	80,009,043	3,800,766	4.750%
2.955	157,382,585	7,434,534	4.724%
3.953	232,843,649	11,064,578	4.752%
4.954	305,633,724	14,568,136	4.767%
5.953	378,857,741	18,091,768	4.775%
6.949	457,718,537	21,863,060	4.777%
7.953	530,381,648	25,342,574	4.778%
8.956	605,680,747	28,909,110	4.773%
9.955	677,459,170	32,391,750	4.781%
10.956	757,291,308	36,142,596	4.773%
11.949	831,044,375	39,716,102	4.779%
12.953	900,605,298	43,096,538	4.785%
13.949	971,357,332	46,482,628	4.785%
14.955	1,042,532,585	49,812,178	4.778%
15.952	1,116,515,171	53,359,334	4.779%
16.953	1,193,186,757	56,961,548	4.774%
17.954	1,265,381,355	60,449,228	4.777%
18.953	1,337,923,105	63,940,872	4.779%
19.953	1,410,791,195	67,457,092	4.782%
20.953	1,488,375,601	71,094,532	4.777%
21.954	1,563,109,115	74,688,132	4.778%
22.957	1,635,646,567	78,189,638	4.780%

Timestamp	Transmitted	Received
Seconds		Frame bytes
23.953	1,707,498,261	81,577,766 4.778%
24.955	1,781,504,426	85,152,574 4.780%
25.954	1,853,826,731	88,588,524 4.779%
27.573	1,927,794,625	92,223,098 4.784%
27.988	2,004,197,011	95,797,106 4.780%
28.948	2,078,372,764	99,351,630 4.780%
29.953	2,151,089,784	102,858,924 4.782%
30.950	2,224,862,404	106,452,514 4.785%
31.953	2,300,821,450	110,055,340 4.783%
32.995	2,375,125,747	113,659,342 4.785%
33.954	2,450,427,780	117,185,476 4.782%
34.953	2,521,722,375	120,613,010 4.783%
35.952	2,591,646,823	123,968,004 4.783%
36.958	2,664,115,911	127,365,006 4.781%
37.956	2,737,467,821	130,926,962 4.783%
38.953	2,813,815,316	134,518,924 4.781%
39.955	2,887,752,601	138,089,428 4.782%
40.953	2,959,573,273	141,524,848 4.782%
41.954	3,033,471,131	145,112,566 4.784%
42.951	3,103,872,297	148,483,770 4.784%
43.954	3,177,248,335	151,935,486 4.782%
44.961	3,252,009,757	155,521,812 4.782%
45.949	3,325,052,232	158,979,122 4.781%
46.960	3,401,567,819	162,650,726 4.782%
47.953	3,474,761,833	166,202,364 4.783%
48.953	3,548,153,580	169,704,982 4.783%
49.960	3,624,929,750	173,409,238 4.784%
50.958	3,698,098,884	176,841,910 4.782%
51.978	3,773,651,561	180,482,484 4.783%
52.954	3,848,858,875	184,021,912 4.781%
53.957	3,918,148,227	187,367,812 4.782%
54.969	3,993,795,916	191,038,918 4.783%
55.954	4,070,685,662	194,649,290 4.782%
56.954	4,145,036,038	198,243,260 4.783%
57.953	4,219,259,299	201,760,912 4.782%
58.948	4,294,586,523	205,418,214 4.783%
59.953	4,364,215,838	208,732,208 4.783%
60.963	4,438,374,604	212,228,732 4.782%
61.954	4,504,001,508	215,408,598 4.783%
62.954	4,521,119,785	216,273,238 4.784%
63.643	4,521,119,785	216,273,238 4.784%

8.4.5. Ethernet Data Rates



Data Rate shown includes Ethernet overhead.

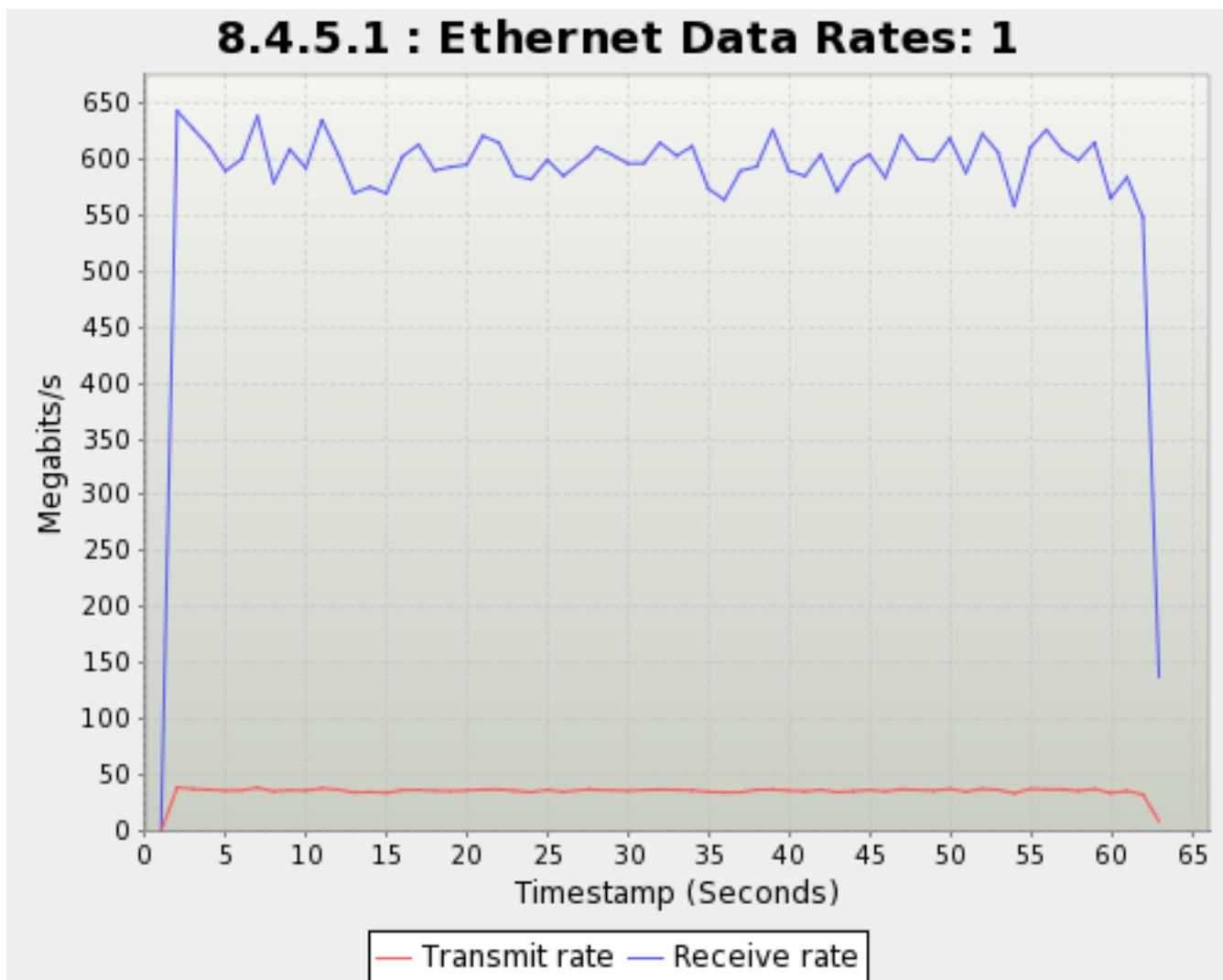
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
0.957	0.00	0.00
0.957	0.004752	0.004752
1.957	682.4	681.8
2.955	670.1	664.9
3.953	646.9	648.9
4.954	628.1	625.5
5.953	~630	636.2
6.949	678.1	677.2
7.953	622.3	614.6
8.956	645.2	645.5
9.955	622.9	~628
10.956	681.6	673.3
11.949	639.3	641.7
12.953	595.1	604.3
13.949	610.3	610.3
14.955	610.6	603.7
15.952	637.1	638.9
16.953	658.4	~650
17.954	622.5	~626

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
18.953	623.9	~629
19.953	627.1	631.3
20.953	665.6	658.3
21.954	643.7	651.7
22.957	625.4	621.6
23.953	615.6	616.8
24.955	635.7	636.1
25.954	624.4	620.7
27.573	635.9	641.2
27.988	655.6	647.6
28.948	639.2	~641
29.953	625.6	632.3
30.950	633.1	633.2
31.953	653.6	651.9
32.995	638.7	640.2
33.954	649.4	~648
34.953	610.8	608.8
35.952	600.8	598.3
36.958	618.8	624.4
37.956	632.7	~630
38.953	661.3	663.6
39.955	630.9	626.5
40.953	621.4	620.5
41.954	637.2	641.1
42.951	603.8	605.7
43.954	631.1	630.5
44.961	642.2	641.1
45.949	628.9	619.2
46.960	651.6	658.8
47.953	633.9	637.2
48.953	634.2	635.1
49.960	657.2	656.7
50.958	625.5	~623
51.978	657.2	660.4
52.954	643.7	642.4
53.957	592.7	592.4
54.969	647.6	~648
55.954	669.5	~664
56.954	640.1	645.2
57.953	635.8	635.2
58.948	650.9	652.6
59.953	599.1	599.2
60.963	628.2	619.4
61.954	572.4	581.5
62.954	146.5	146.5
63.643	0.00	0.00

8.4.5.1. Ethernet Data Rates: 1



Data Rate shown includes Ethernet overhead.

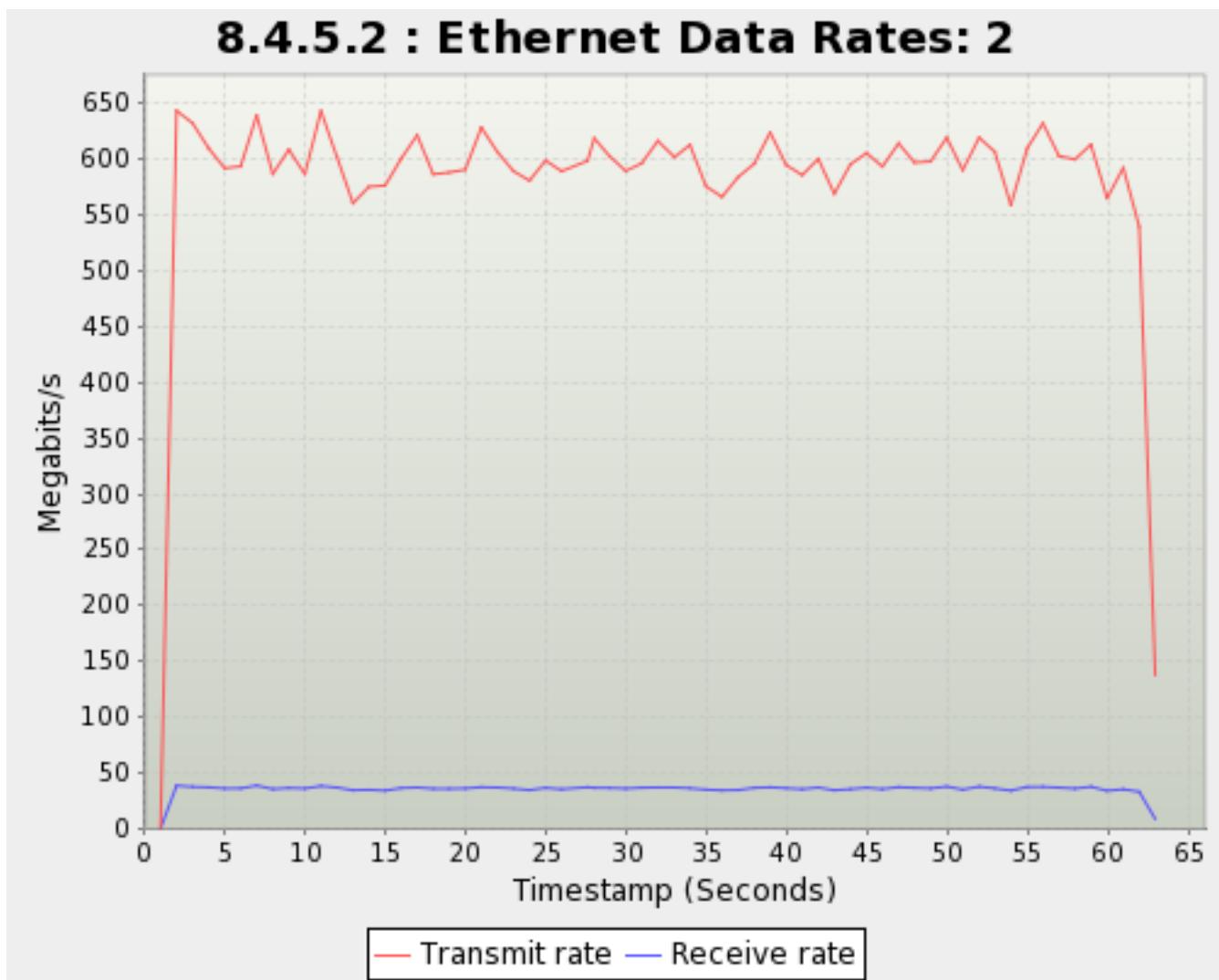
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
0.957	0.00	0.00
0.957	0.003145	0.001607
1.957	38.80	643.2
2.955	37.63	627.3
3.953	36.90	611.7
4.954	36.07	589.5
5.953	36.27	600.1
6.949	38.62	638.5
7.953	35.52	579.1
8.956	36.51	~609
9.955	36.16	~592
10.956	38.14	~635
11.949	37.05	604.8
12.953	34.41	569.8
13.949	34.92	575.4
14.955	34.08	569.5
15.952	36.63	602.5
16.953	36.75	613.1
17.954	35.96	590.1

Timestamp	Seconds	Transmit rate	Receive rate
			Megabits/s
18.953	35.74		593.2
19.953	36.31		595.2
20.953	37.08		~621
21.954	37.10		614.7
22.957	~36		585.6
23.953	34.72		582.2
24.955	36.82		599.5
25.954	35.03		585.2
27.573	37.35		603.9
27.988	36.71		~611
28.948	36.55		604.4
29.953	35.95		596.3
30.950	36.70		596.4
31.953	37.07		614.9
32.995	36.84		603.2
33.954	36.32		611.7
34.953	35.04		573.8
35.952	34.39		563.9
36.958	34.66		589.8
37.956	36.76		593.4
38.953	37.27		626.5
39.955	36.14		590.1
40.953	35.51		~585
41.954	36.85		604.2
42.951	34.66		571.2
43.954	35.57		595.1
44.961	36.66		604.3
45.949	35.40		583.6
46.960	37.32		621.4
47.953	36.82		600.5
48.953	36.08		~599
49.960	37.72		618.9
50.958	35.15		587.9
51.978	37.72		622.7
52.954	36.90		606.3
53.957	33.62		558.2
54.969	37.83		610.5
55.954	37.22		626.4
56.954	37.20		608.3
57.953	35.78		599.2
58.948	37.66		614.9
59.953	33.96		565.2
60.963	35.75		~584
61.954	32.74		548.3
62.954	8.823		137.7
63.643	0.00		0.00

8.4.5.2. Ethernet Data Rates: 2



Data Rate shown includes Ethernet overhead.

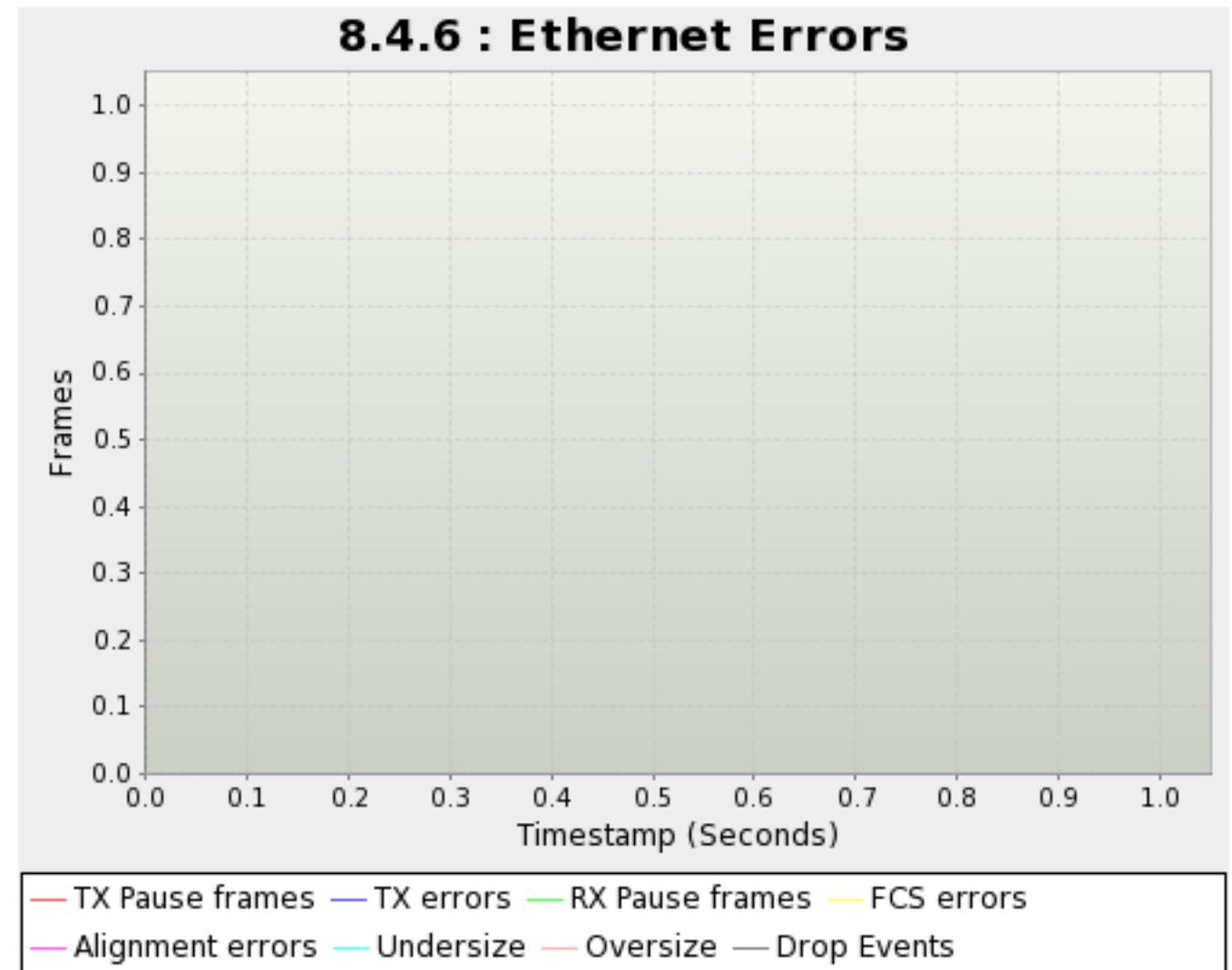
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

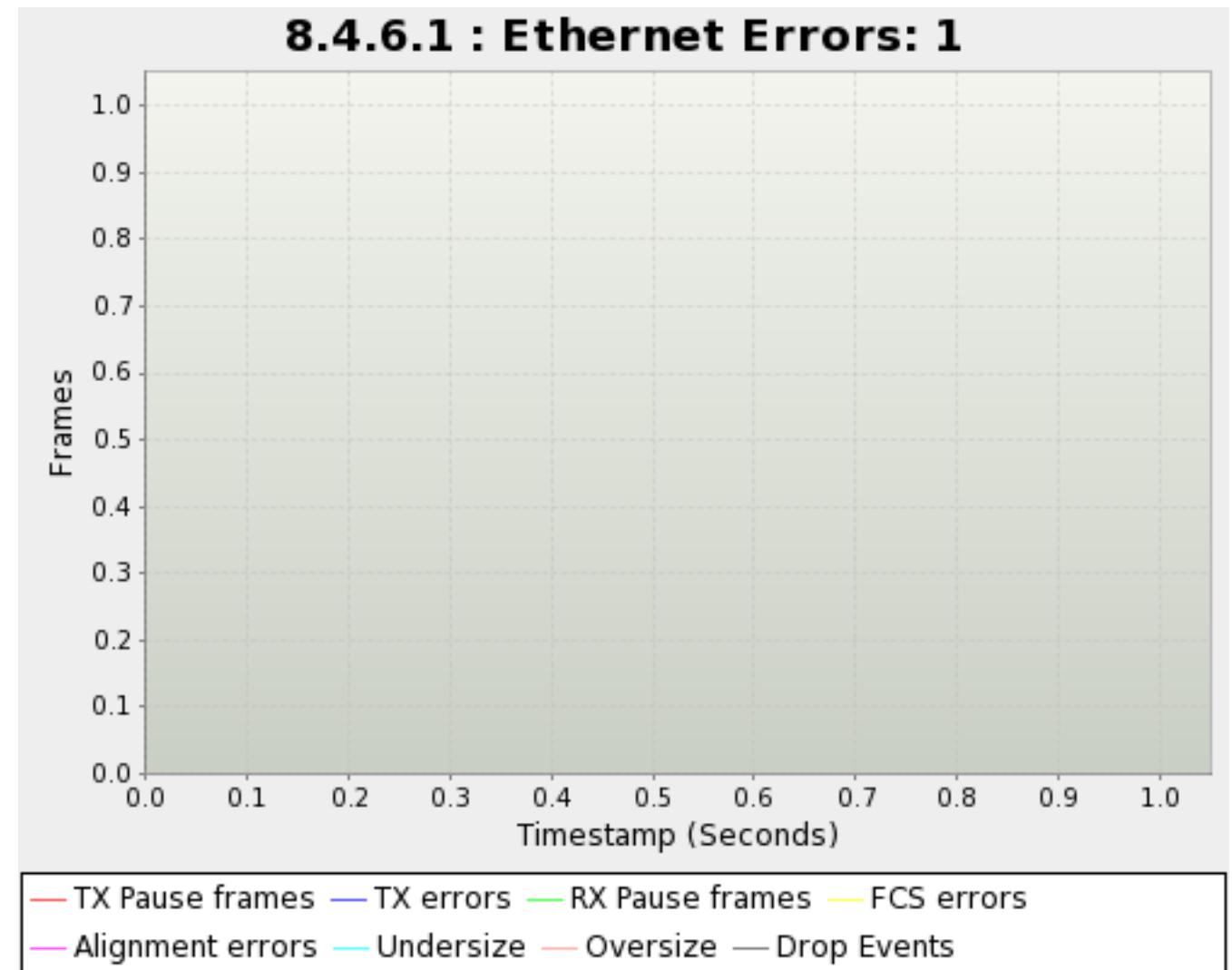
Timestamp Seconds	Transmit rate Megabits/s	Receive rate Megabits/s
0.957	0.00	0.00
0.957	0.001607	0.003145
1.957	643.6	38.59
2.955	632.4	37.59
3.953	~610	37.15
4.954	~592	36.07
5.953	593.7	36.16
6.949	639.4	38.69
7.953	586.8	35.57
8.956	608.7	36.51
9.955	586.7	36.02
10.956	643.4	38.28
11.949	602.2	36.92
12.953	560.7	34.50
13.949	575.4	34.86
14.955	576.5	34.14
15.952	600.5	36.45
16.953	621.7	36.97
17.954	586.6	35.87

Timestamp	Seconds	Transmit rate	Receive rate
			Megabits/s
18.953	588.2		35.83
19.953	590.8		36.10
20.953	628.5		37.29
21.954	606.6		36.93
22.957	589.4		36.01
23.953	580.9		34.67
24.955	598.9		36.62
25.954	589.4		35.44
27.573	598.6		37.23
27.988	618.9		36.64
28.948	602.7		36.56
29.953	589.6		35.99
30.950	596.4		36.77
31.953	616.5		37.02
32.995	601.9		36.96
33.954	-613		36.32
34.953	575.8		35.03
35.952	566.4		34.40
36.958	584.1		34.66
37.956	-596		36.63
38.953	624.1		37.16
39.955	594.8		36.35
40.953	585.9		35.48
41.954	600.4		36.90
42.951	569.1		34.49
43.954	595.5		35.47
44.961	605.6		36.77
45.949	593.5		35.55
46.960	614.3		37.31
47.953	597.1		36.66
48.953	598.1		36.13
49.960	619.4		37.84
50.958	590.3		35.06
51.978	619.4		37.77
52.954	606.8		36.15
53.957	-559		34.17
54.969	609.7		37.45
55.954	632.3		37.58
56.954	602.9		36.88
57.953	-600		~36
58.948	613.2		37.69
59.953	565.2		34.05
60.963	592.4		35.35
61.954	539.7		33.16
62.954	137.7		8.823
63.643	0.00		0.00

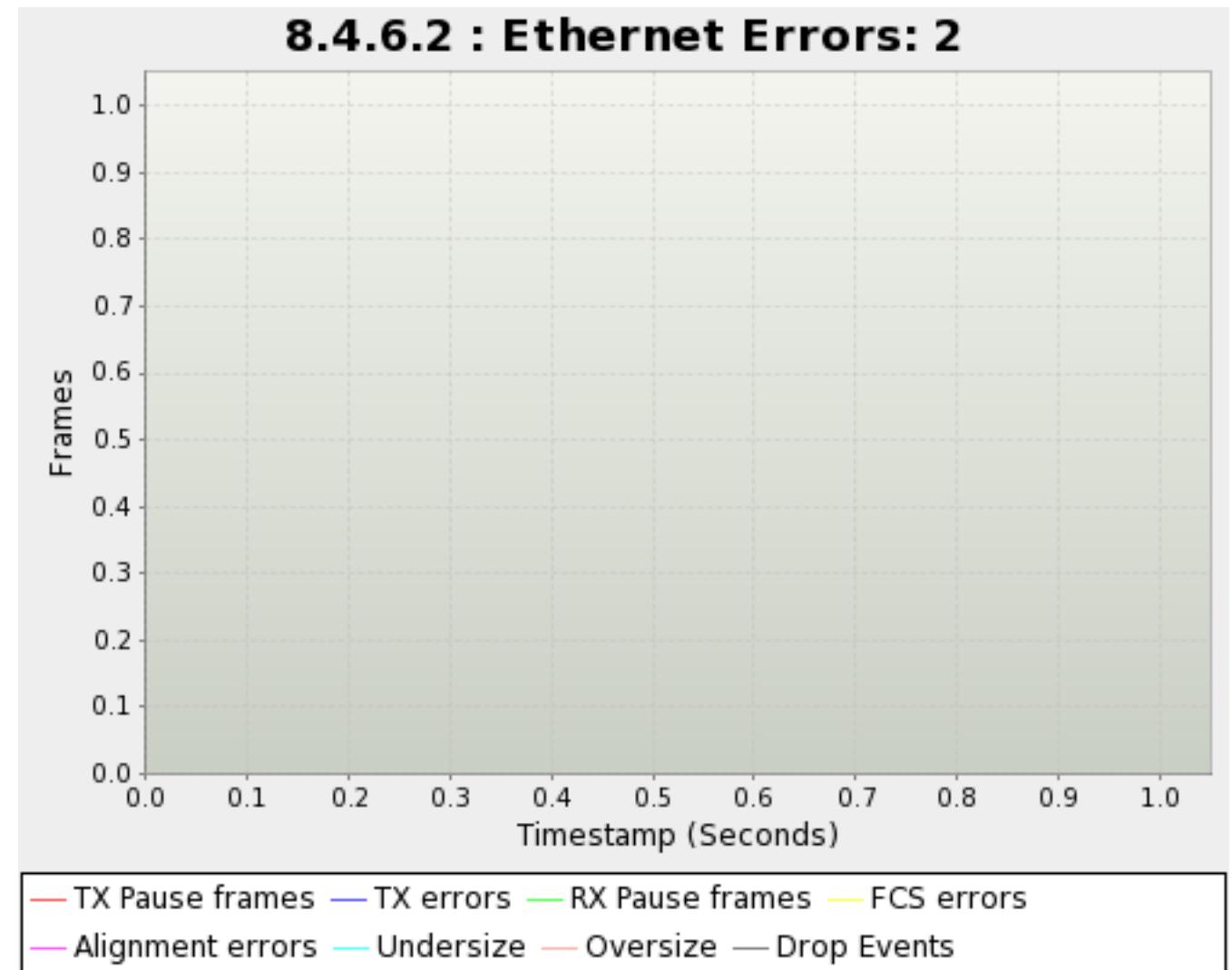
8.4.6. Ethernet Errors



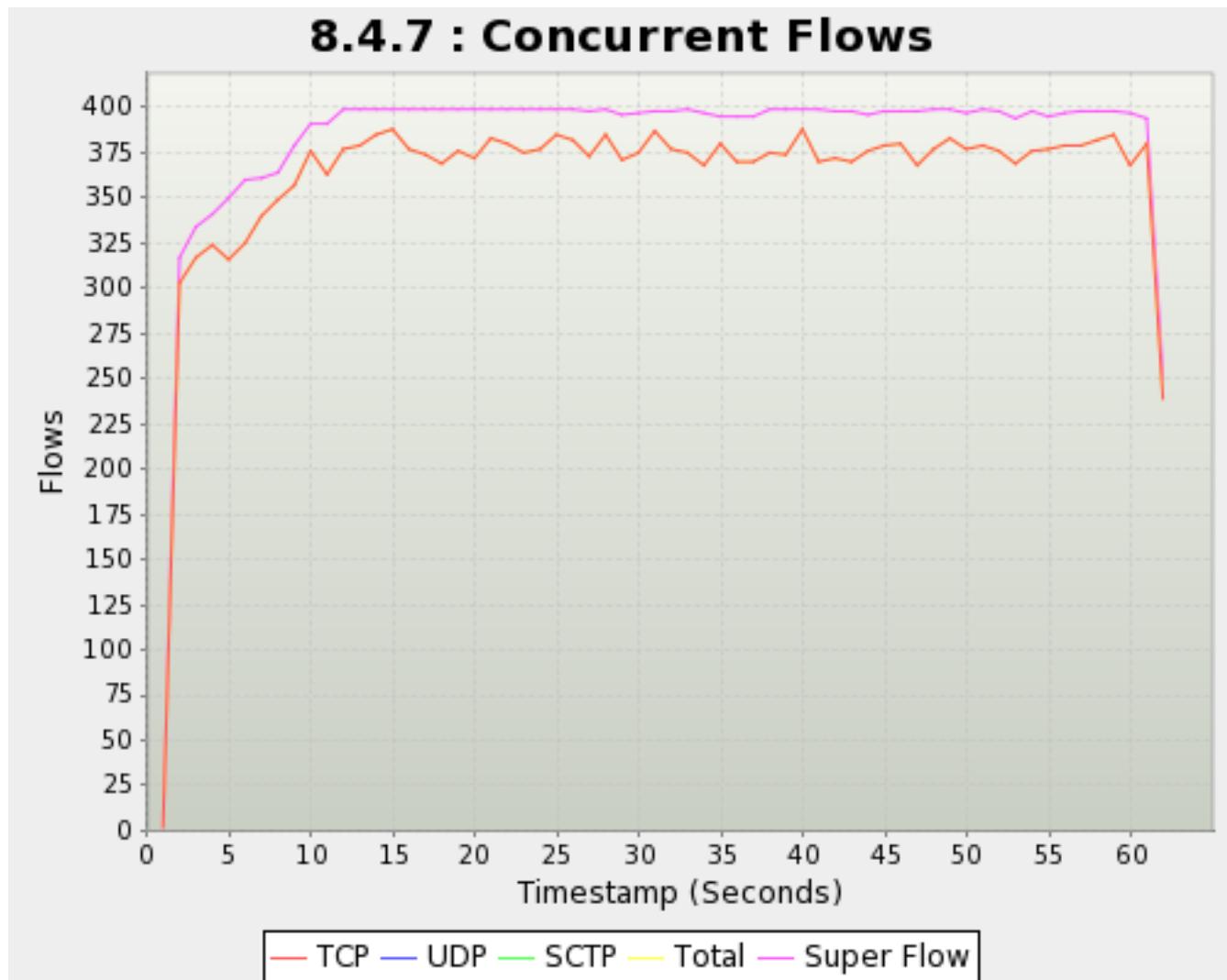
8.4.6.1. Ethernet Errors: 1



8.4.6.2. Ethernet Errors: 2



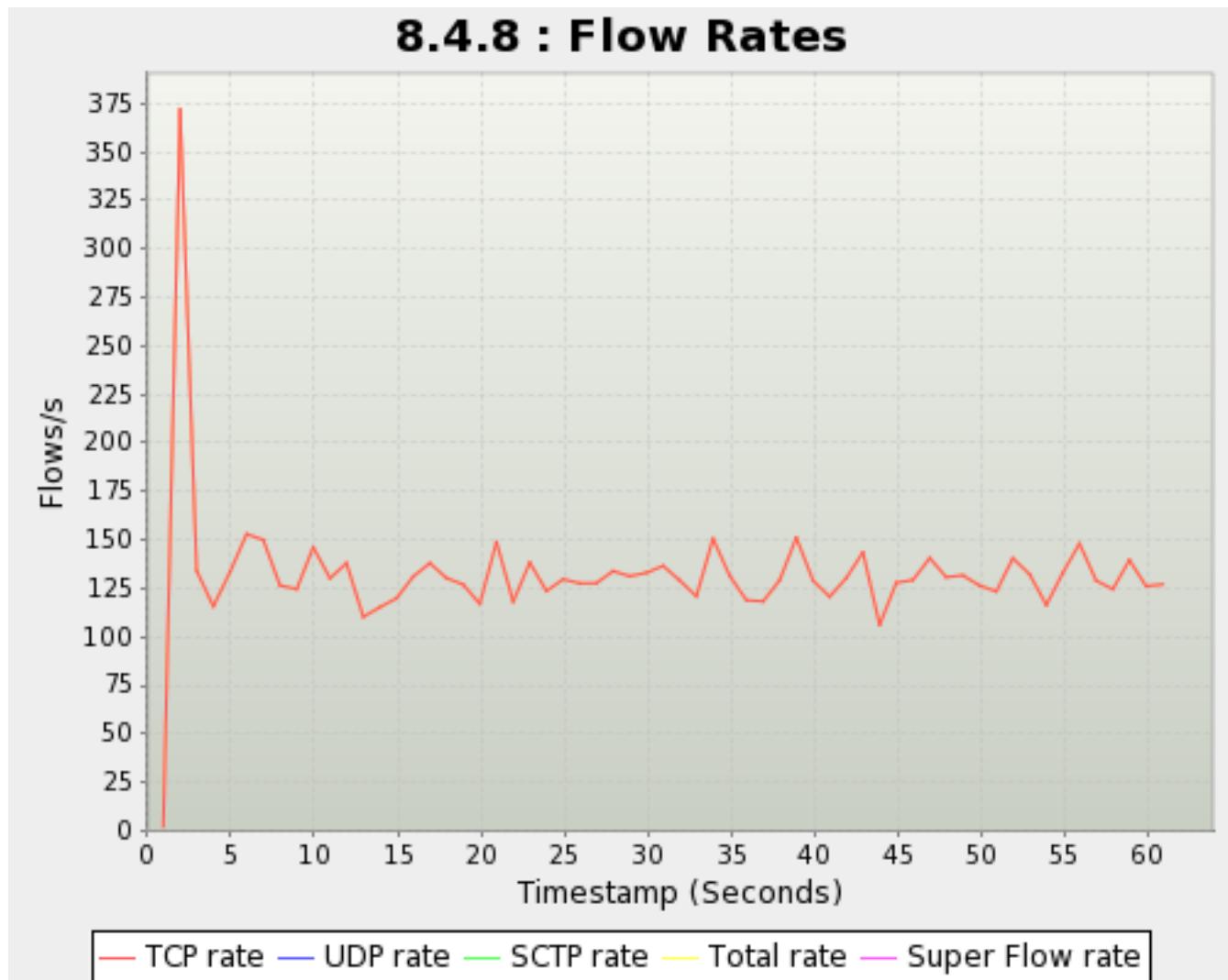
8.4.7. Concurrent Flows



Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds				Flows	
0	0	0	0	0	0
0.936	2	0	0	2	2
1.944	303	0	0	303	317
2.936	317	0	0	317	334
3.939	324	0	0	324	341
4.936	316	0	0	316	350
5.936	325	0	0	325	360
6.936	340	0	0	340	361
7.940	349	0	0	349	364
8.943	357	0	0	357	379
9.935	376	0	0	376	391
10.941	363	0	0	363	391
11.934	377	0	0	377	399
12.940	379	0	0	379	399
13.937	385	0	0	385	399
14.938	388	0	0	388	399
15.937	377	0	0	377	399
16.937	374	0	0	374	399
17.935	369	0	0	369	399
18.935	376	0	0	376	399
19.935	372	0	0	372	399
20.936	383	0	0	383	399
21.935	380	0	0	380	399
22.933	375	0	0	375	399

Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds	Flows				
23.936	377	0	0	377	399
24.938	385	0	0	385	399
25.933	382	0	0	382	399
26.935	373	0	0	373	398
27.936	385	0	0	385	399
28.934	371	0	0	371	396
29.934	375	0	0	375	397
30.937	387	0	0	387	398
31.936	377	0	0	377	398
32.937	375	0	0	375	399
33.933	368	0	0	368	397
34.937	380	0	0	380	395
35.938	370	0	0	370	395
36.944	370	0	0	370	395
37.942	375	0	0	375	399
38.934	374	0	0	374	399
39.942	388	0	0	388	399
40.936	370	0	0	370	399
41.934	372	0	0	372	398
42.937	370	0	0	370	398
43.936	376	0	0	376	396
44.937	379	0	0	379	398
45.935	380	0	0	380	398
46.945	368	0	0	368	398
47.939	377	0	0	377	399
48.934	383	0	0	383	399
49.939	377	0	0	377	397
50.944	379	0	0	379	399
51.933	376	0	0	376	398
52.938	369	0	0	369	394
53.943	376	0	0	376	398
54.949	377	0	0	377	395
55.935	379	0	0	379	397
56.935	379	0	0	379	398
57.938	382	0	0	382	398
58.934	385	0	0	385	398
59.933	368	0	0	368	397
60.948	380	0	0	380	394
61.934	239	0	0	239	250
62.942	0	0	0	0	0

8.4.8. Flow Rates



Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Seconds	Flows/s				
0	0.00	0.00	0.00	0.00	0.00
0.936	2.137	0.00	0.00	2.137	2.137
1.944	~372	0.00	0.00	~372	~372
2.936	134.1	0.00	0.00	134.1	134.1
3.939	115.7	0.00	0.00	115.7	115.7
4.936	133.4	0.00	0.00	133.4	133.4
5.936	153	0.00	0.00	153	153
6.936	150	0.00	0.00	150	150
7.940	126.5	0.00	0.00	126.5	126.5
8.943	124.6	0.00	0.00	124.6	124.6
9.935	146.2	0.00	0.00	146.2	146.2
10.941	130.2	0.00	0.00	130.2	130.2
11.934	~138	0.00	0.00	~138	~138
12.940	110.3	0.00	0.00	110.3	110.3
13.937	115.3	0.00	0.00	115.3	115.3
14.938	119.9	0.00	0.00	119.9	119.9
15.937	131.1	0.00	0.00	131.1	131.1
16.937	138	0.00	0.00	138	138
17.935	130.3	0.00	0.00	130.3	130.3
18.935	127	0.00	0.00	127	127
19.935	117	0.00	0.00	117	117
20.936	148.9	0.00	0.00	148.9	148.9
21.935	118.1	0.00	0.00	118.1	118.1
22.933	138.3	0.00	0.00	138.3	138.3

Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Seconds				Flows/s	
23.936	123.6	0.00	0.00	123.6	123.6
24.938	129.7	0.00	0.00	129.7	129.7
25.933	127.6	0.00	0.00	127.6	127.6
26.935	127.7	0.00	0.00	127.7	127.7
27.936	133.9	0.00	0.00	133.9	133.9
28.934	131.3	0.00	0.00	131.3	131.3
29.934	133	0.00	0.00	133	133
30.937	136.6	0.00	0.00	136.6	136.6
31.936	129.1	0.00	0.00	129.1	129.1
32.937	120.9	0.00	0.00	120.9	120.9
33.933	150.6	0.00	0.00	150.6	150.6
34.937	131.5	0.00	0.00	131.5	131.5
35.938	118.9	0.00	0.00	118.9	118.9
36.944	118.3	0.00	0.00	118.3	118.3
37.942	129.3	0.00	0.00	129.3	129.3
38.934	151.2	0.00	0.00	151.2	151.2
39.942	~129	0.00	0.00	~129	~129
40.936	120.7	0.00	0.00	120.7	120.7
41.934	130.3	0.00	0.00	130.3	130.3
42.937	143.6	0.00	0.00	143.6	143.6
43.936	106.1	0.00	0.00	106.1	106.1
44.937	127.9	0.00	0.00	127.9	127.9
45.935	129.3	0.00	0.00	129.3	129.3
46.945	140.6	0.00	0.00	140.6	140.6
47.939	130.8	0.00	0.00	130.8	130.8
48.934	131.7	0.00	0.00	131.7	131.7
49.939	126.4	0.00	0.00	126.4	126.4
50.944	123.4	0.00	0.00	123.4	123.4
51.933	140.5	0.00	0.00	140.5	140.5
52.938	132.3	0.00	0.00	132.3	132.3
53.943	116.4	0.00	0.00	116.4	116.4
54.949	133.2	0.00	0.00	133.2	133.2
55.935	148.1	0.00	0.00	148.1	148.1
56.935	129	0.00	0.00	129	129
57.938	124.6	0.00	0.00	124.6	124.6
58.934	139.6	0.00	0.00	139.6	139.6
59.933	126.1	0.00	0.00	126.1	126.1
60.948	127.1	0.00	0.00	127.1	127.1
61.934	0.00	0.00	0.00	0.00	0.00
62.942	0.00	0.00	0.00	0.00	0.00

8.4.9. Router

8.4.9.1. Router: 1

8.4.9.2. Router: 2

8.5. Slot 1 NP np1-0 statistics

8.5.1. Component Description

Component: Aggregate Statistics

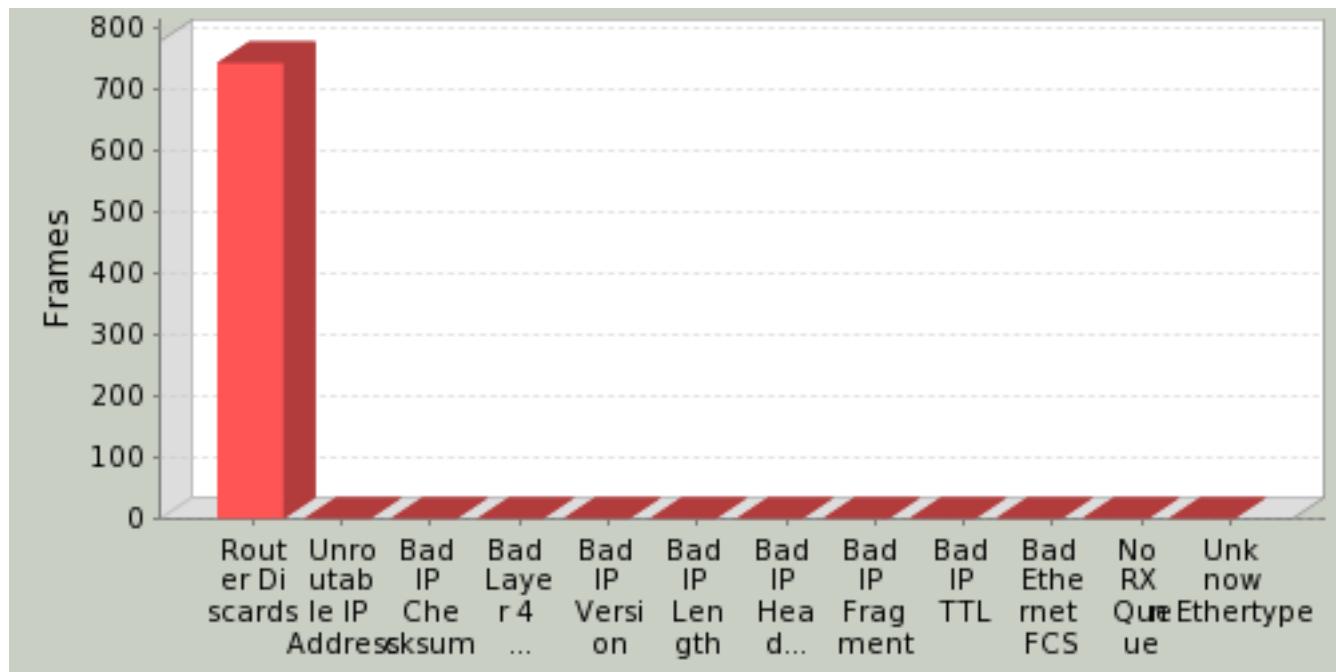
This component measures aggregate system and network statistics.

Component	Resource Used
Slot 1 NP np1-0 statistics	np1-0

8.5.2. Ethernet Summary

Measurement	Value
Transmitted Bytes	4,737,415,567
Received Bytes	4,737,393,023 100.000%
Transmit Frame Rate	~107000
Receive Frame Rate	~107100 100.051%
Transmit Megabit/s	682.4
Receive Megabit/s	681.9 99.923%
Transmitted Frames	6,123,813
Received Frames	6,123,491 99.995%
Transmit Pause Frames	0
Receive Pause Frames	0
Transmit errors Frames	0
FCS errors Frames	0
Alignment errors Frames	0
Undersize Frames	0
Oversize Frames	0
Drop Events Frames	0

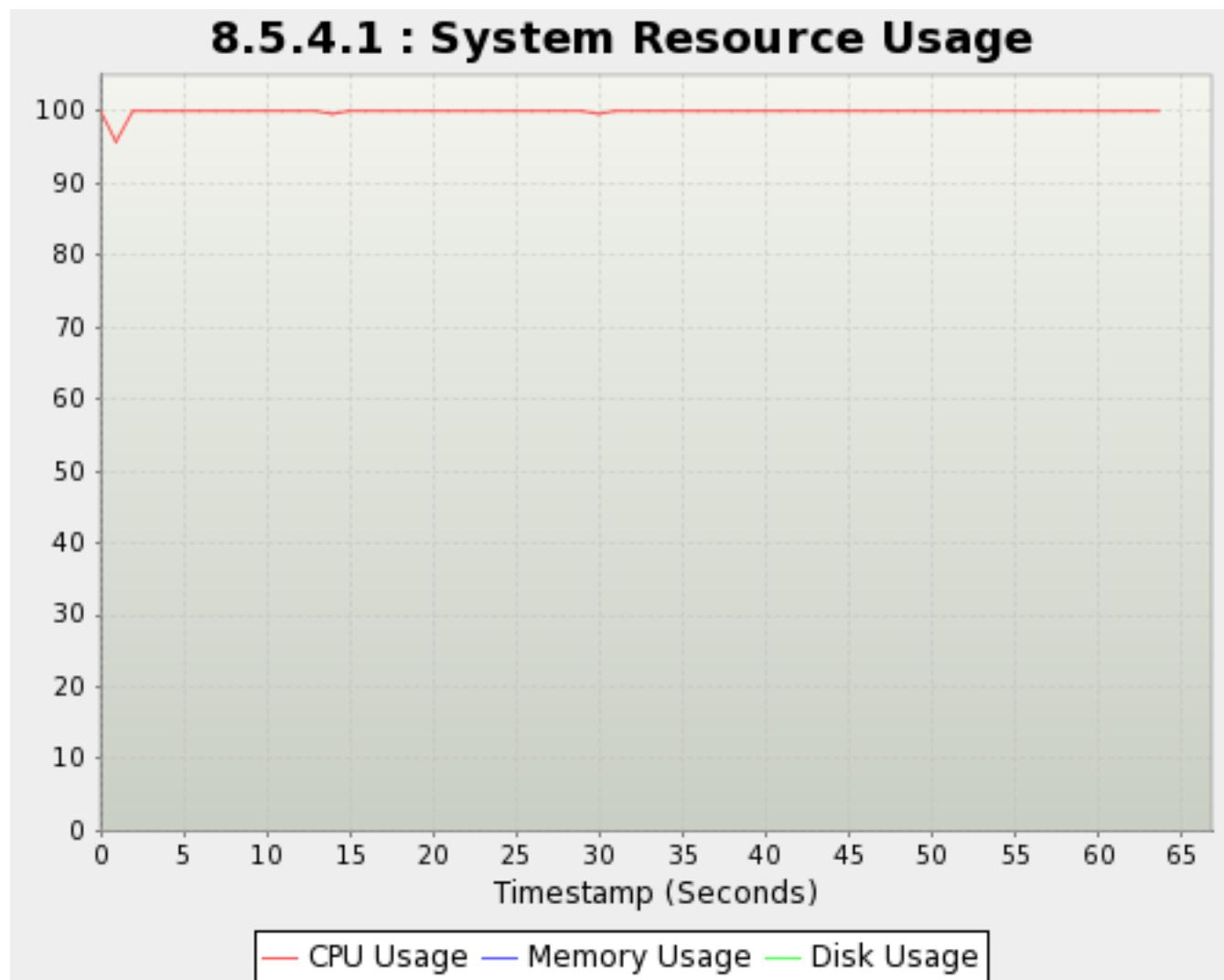
8.5.3. Router Summary



Measurement	Value (Frames)
Router Discards	775
Unrouteable IP Address	0
Bad IP Checksum	0
Bad Layer 4 Checksum	0
Bad IP Version	0
Bad IP Length	0
Bad IP Header Length	0
Bad IP Fragment	0
Bad IP TTL	0
Bad Ethernet FCS	0
No RX Queue	0
Unknown EtherType	0

8.5.4. Detail

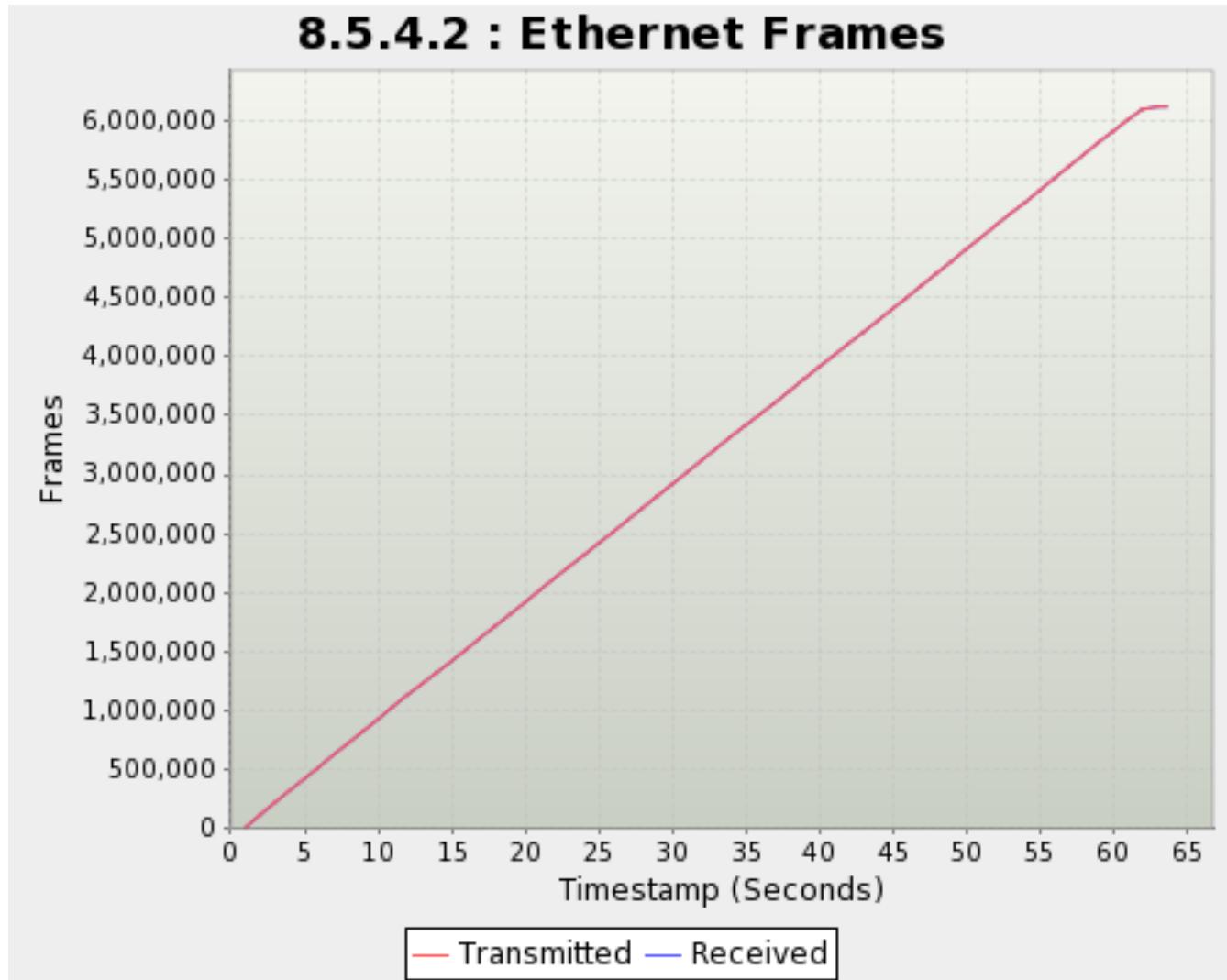
8.5.4.1. System Resource Usage



Timestamp Seconds	CPU Usage Percent	Memory Usage Percent	Disk Usage Percent
0	100	0	0
0.936	95.73	0	0
1.944	100	0	0
2.936	100	0	0
3.939	100	0	0
4.936	100	0	0
5.936	100	0	0
6.936	100	0	0
7.940	100	0	0
8.943	100	0	0
9.935	100	0	0
10.941	100	0	0
11.934	100	0	0
12.940	100	0	0
13.937	99.60	0	0
14.938	100	0	0
15.937	100	0	0
16.937	100	0	0
17.935	100	0	0
18.935	100	0	0
19.935	100	0	0
20.936	100	0	0
21.935	100	0	0
22.933	100	0	0

Timestamp Seconds	CPU Usage	Memory Usage Percent	Disk Usage
23.936	100	0	0
24.938	100	0	0
25.933	100	0	0
26.935	100	0	0
27.936	100	0	0
28.934	100	0	0
29.934	99.60	0	0
30.937	100	0	0
31.936	100	0	0
32.937	100	0	0
33.933	100	0	0
34.937	100	0	0
35.938	100	0	0
36.944	100	0	0
37.942	100	0	0
38.934	100	0	0
39.942	100	0	0
40.936	100	0	0
41.934	100	0	0
42.937	100	0	0
43.936	100	0	0
44.937	100	0	0
45.935	100	0	0
46.945	100	0	0
47.939	100	0	0
48.934	100	0	0
49.939	100	0	0
50.944	100	0	0
51.933	100	0	0
52.938	100	0	0
53.943	100	0	0
54.949	100	0	0
55.935	100	0	0
56.935	100	0	0
57.938	100	0	0
58.934	100	0	0
59.933	100	0	0
60.948	100	0	0
61.934	100	0	0
62.942	100	0	0
63.622	100	0	0

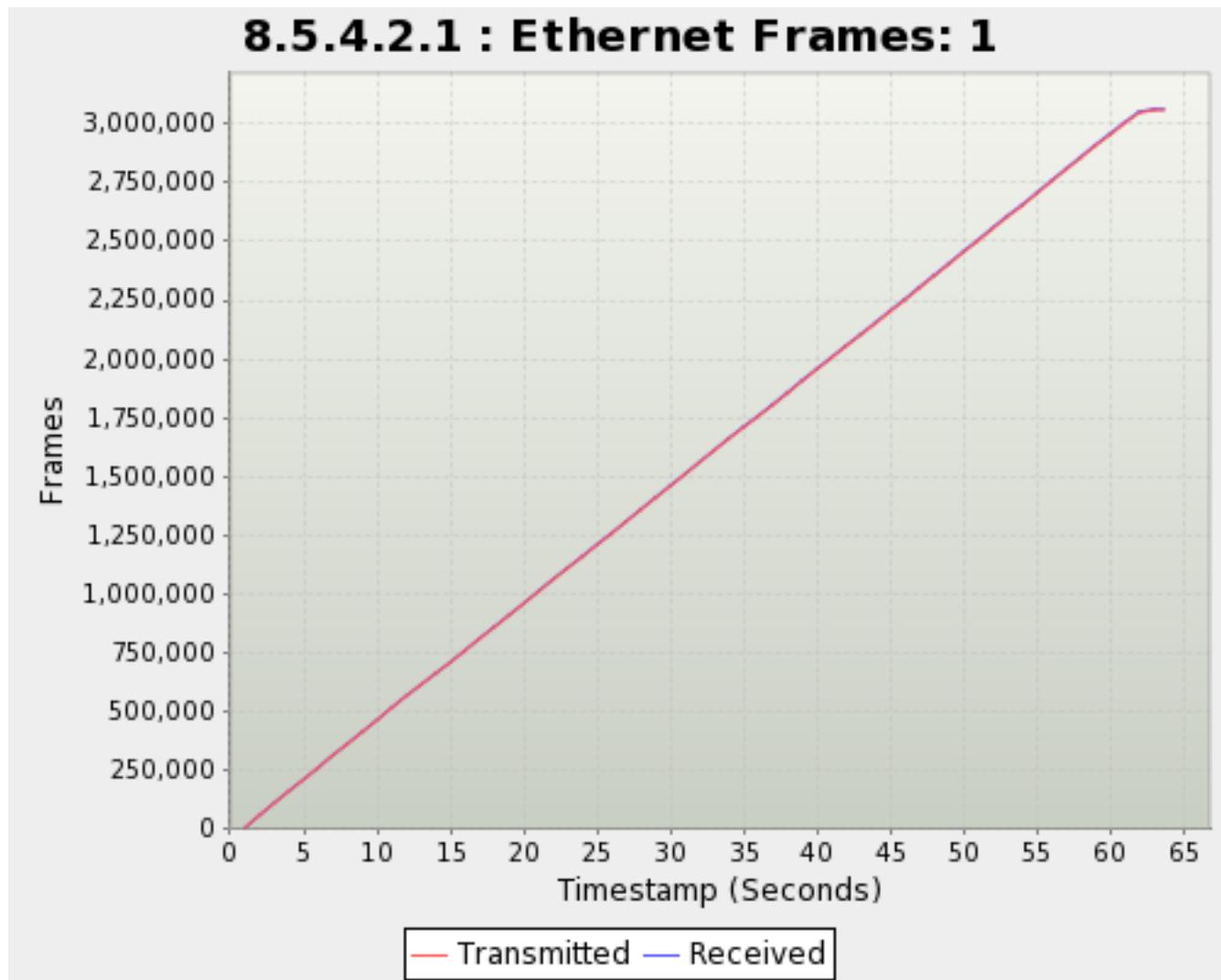
8.5.4.2. Ethernet Frames



Timestamp Seconds	Transmitted		Received
	Frames	Percentage	
0	0	0	0
0.936	6	100.000%	
1.944	107,691	99.699%	107,367
2.936	211,491	99.621%	210,689
3.939	313,590	99.898%	313,269
4.936	412,518	99.868%	411,973
5.936	512,187	99.968%	512,022
6.936	618,833	99.975%	618,681
7.940	717,187	99.898%	716,458
8.943	818,670	99.913%	817,958
9.935	916,743	99.950%	916,286
10.941	1,023,741	99.905%	1,022,771
11.934	1,124,407	99.917%	1,123,469
12.940	1,219,285	99.995%	1,219,226
13.937	1,315,182	99.989%	1,315,043
14.938	1,410,370	99.955%	1,409,733
15.937	1,510,976	99.953%	1,510,265
16.937	1,613,614	99.930%	1,612,482
17.935	1,712,037	99.944%	1,711,070
18.935	1,810,468	99.977%	1,810,043
19.935	1,909,890	99.982%	1,909,545
20.936	2,013,671	99.966%	2,012,993
21.935	2,115,378	99.989%	2,115,138
22.933	2,214,120	99.975%	2,213,572

Timestamp	Transmitted	Received
Seconds		Frames
23.936	2,310,796	2,310,294 99.978%
24.938	2,411,821	2,411,097 99.970%
25.933	2,508,875	2,508,381 99.980%
26.935	2,610,632	2,610,415 99.992%
27.936	2,713,055	2,712,078 99.964%
28.934	2,813,641	2,812,835 99.971%
29.934	2,912,500	2,912,309 99.993%
30.937	3,013,240	3,013,140 99.997%
31.936	3,115,759	3,115,455 99.990%
32.937	3,216,969	3,216,944 99.999%
33.933	3,317,870	3,317,731 99.996%
34.937	3,414,672	3,414,340 99.990%
35.938	3,509,516	3,508,991 99.985%
36.944	3,606,653	3,606,607 99.999%
37.942	3,706,981	3,706,551 99.988%
38.934	3,809,733	3,809,348 99.990%
39.942	3,910,028	3,909,549 99.988%
40.936	4,007,363	4,006,772 99.985%
41.934	4,108,136	4,107,936 99.995%
42.937	4,203,781	4,203,517 99.994%
43.936	4,302,414	4,301,977 99.990%
44.937	4,403,630	4,403,255 99.991%
45.935	4,501,874	4,500,882 99.978%
46.945	4,605,719	4,605,327 99.991%
47.939	4,705,769	4,705,448 99.993%
48.934	4,804,975	4,804,794 99.996%
49.939	4,909,250	4,909,187 99.999%
50.944	5,007,534	5,007,148 99.992%
51.933	5,110,184	5,110,137 99.999%
52.938	5,212,250	5,211,119 99.978%
53.943	5,305,786	5,305,354 99.992%
54.949	5,409,526	5,408,632 99.983%
55.935	5,512,201	5,511,317 99.984%
56.935	5,613,870	5,613,007 99.985%
57.938	5,713,634	5,713,000 99.989%
58.934	5,816,419	5,815,967 99.992%
59.933	5,910,391	5,910,057 99.994%
60.948	6,010,654	6,009,047 99.973%
61.934	6,099,821	6,099,499 99.995%
62.942	6,123,813	6,123,491 99.995%
63.622	6,123,813	6,123,491 99.995%

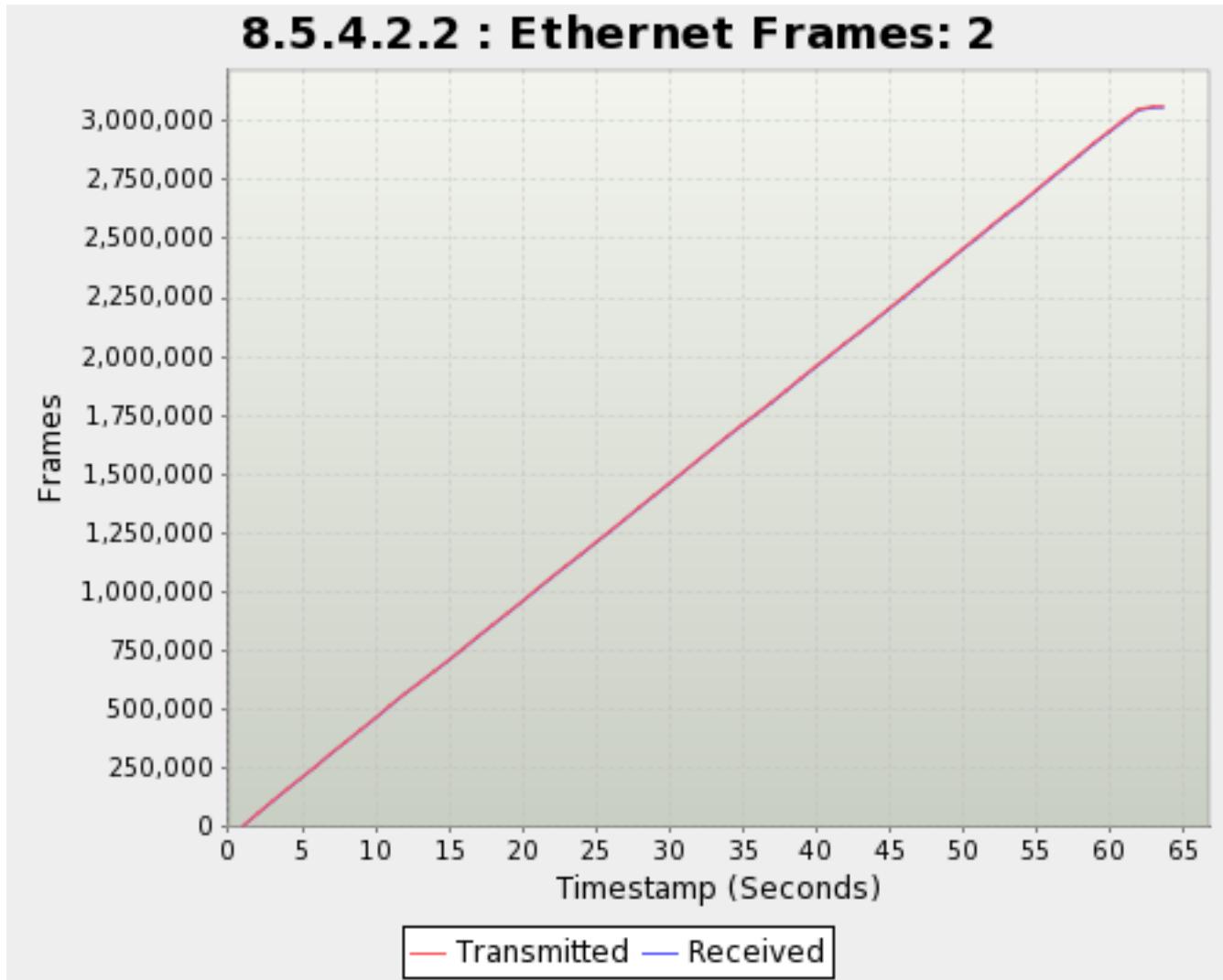
8.5.4.2.1. Ethernet Frames: 1



Timestamp Seconds	Transmitted		Received
	Frames	Percentage	
0	0	0.00%	0
0.936	4	50.000%	2
1.944	53,373	101.703%	54,282
2.936	104,786	101.391%	106,244
3.939	155,842	101.018%	157,428
4.936	205,421	100.555%	206,561
5.936	255,382	100.557%	256,804
6.936	308,528	100.551%	310,227
7.940	357,670	100.314%	358,793
8.943	408,204	100.381%	409,761
9.935	457,605	100.277%	458,871
10.941	510,532	100.334%	512,239
11.934	561,198	100.223%	562,448
12.940	608,964	100.223%	610,321
13.937	656,955	100.194%	658,227
14.938	703,973	100.262%	705,814
15.937	754,455	100.219%	756,108
16.937	805,109	100.281%	807,372
17.935	854,597	100.235%	856,602
18.935	903,841	100.261%	906,201
19.935	953,919	100.209%	955,913
20.936	1,005,054	100.287%	1,007,939
21.935	1,056,176	100.287%	1,059,202
22.933	1,105,696	100.218%	1,108,105

Timestamp	Transmitted	Received
Seconds		Frames
23.936	1,153,688	1,156,901 100.278%
24.938	1,204,558	1,207,112 100.212%
25.933	1,252,604	1,255,777 100.253%
26.935	1,304,222	1,306,358 100.164%
27.936	1,354,863	1,357,481 100.193%
28.934	1,405,156	1,407,922 100.197%
29.934	1,454,676	1,457,819 100.216%
30.937	1,505,390	1,507,847 100.163%
31.936	1,556,464	1,559,159 100.173%
32.937	1,607,325	1,609,621 100.143%
33.933	1,657,131	1,660,603 100.210%
34.937	1,705,580	1,708,781 100.188%
35.938	1,753,046	1,755,949 100.166%
36.944	1,801,145	1,805,468 100.240%
37.942	1,851,726	1,855,000 100.177%
38.934	1,902,681	1,906,998 100.227%
39.942	1,952,847	1,956,739 100.199%
40.936	2,001,548	2,005,296 100.187%
41.934	2,052,254	2,055,683 100.167%
42.937	2,100,129	2,103,628 100.167%
43.936	2,149,129	2,153,222 100.190%
44.937	2,199,709	2,203,754 100.184%
45.935	2,248,410	2,252,473 100.181%
46.945	2,300,384	2,304,950 100.198%
47.939	2,350,780	2,354,894 100.175%
48.934	2,400,246	2,404,709 100.186%
49.939	2,452,535	2,456,650 100.168%
50.944	2,501,252	2,506,015 100.190%
51.933	2,552,627	2,557,557 100.193%
52.938	2,603,753	2,608,455 100.181%
53.943	2,650,312	2,655,364 100.191%
54.949	2,702,773	2,706,711 100.146%
55.935	2,753,336	2,758,340 100.182%
56.935	2,804,595	2,809,201 100.164%
57.938	2,854,076	2,859,418 100.187%
58.934	2,905,781	2,910,638 100.167%
59.933	2,952,537	2,957,855 100.180%
60.948	3,002,525	3,007,415 100.163%
61.934	3,047,313	3,052,508 100.170%
62.942	3,059,665	3,064,148 100.147%
63.622	3,059,665	3,064,148 100.147%

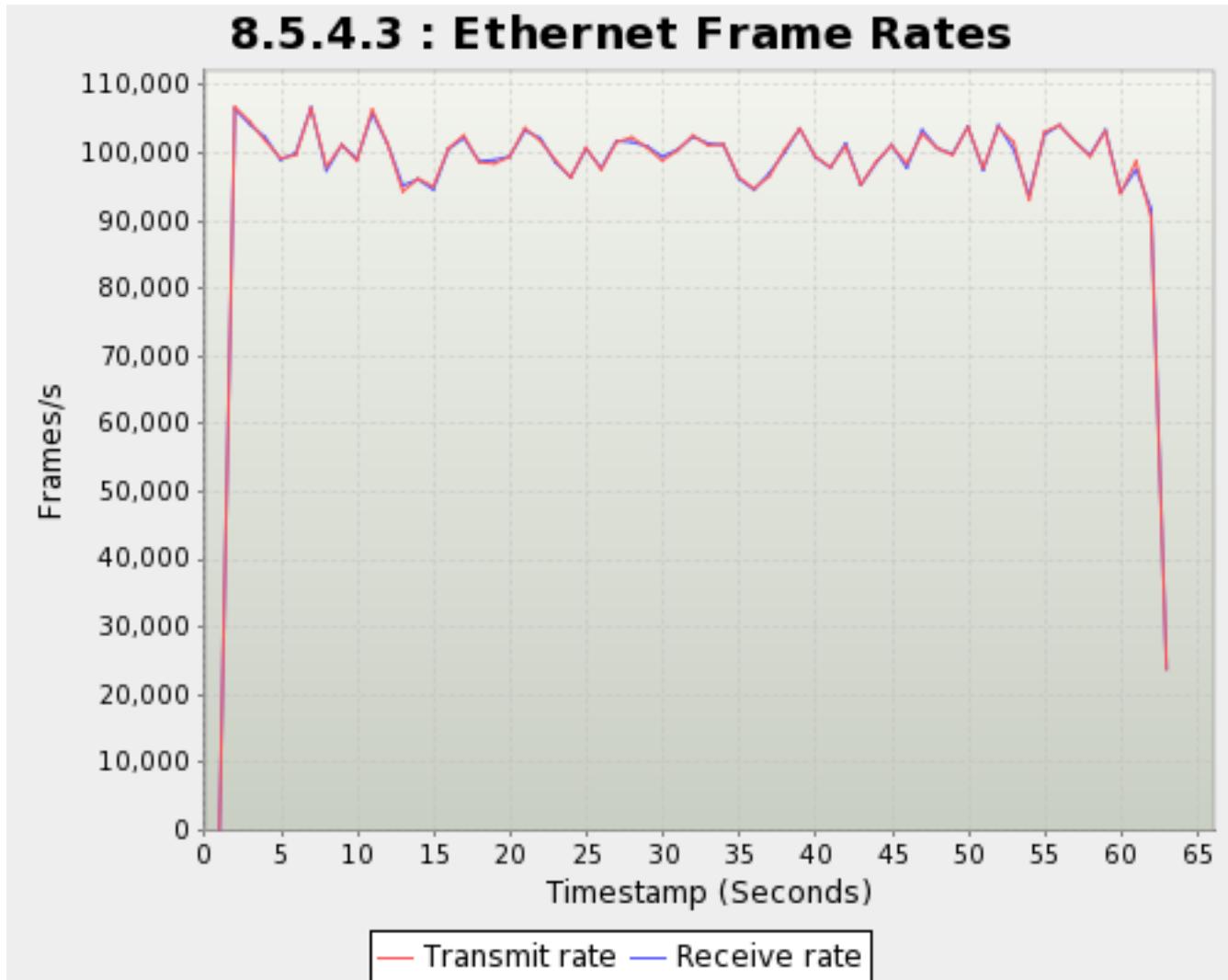
8.5.4.2.2. Ethernet Frames: 2



Timestamp Seconds	Transmitted		Received
		Frames	
0	0	0	
0.936	2	4 200.000%	
1.944	54,318	53,085 97.730%	
2.936	106,705	104,445 97.882%	
3.939	157,748	155,841 98.791%	
4.936	207,097	205,412 99.186%	
5.936	256,805	255,218 99.382%	
6.936	310,305	308,454 99.403%	
7.940	359,517	357,665 99.485%	
8.943	410,466	408,197 99.447%	
9.935	459,138	457,415 99.625%	
10.941	513,209	510,532 99.478%	
11.934	563,209	561,021 99.612%	
12.940	610,321	608,905 99.768%	
13.937	658,227	656,816 99.786%	
14.938	706,397	703,919 99.649%	
15.937	756,521	754,157 99.688%	
16.937	808,505	805,110 99.580%	
17.935	857,440	854,468 99.653%	
18.935	906,627	903,842 99.693%	
19.935	955,971	953,632 99.755%	
20.936	1,008,617	1,005,054 99.647%	
21.935	1,059,202	1,055,936 99.692%	
22.933	1,108,424	1,105,467 99.733%	

Timestamp	Transmitted	Received
Seconds		Frames
23.936	1,157,108	1,153,393 99.679%
24.938	1,207,263	1,203,985 99.728%
25.933	1,256,271	1,252,604 99.708%
26.935	1,306,410	1,304,057 99.820%
27.936	1,358,192	1,354,597 99.735%
28.934	1,408,485	1,404,913 99.746%
29.934	1,457,824	1,454,490 99.771%
30.937	1,507,850	1,505,293 99.830%
31.936	1,559,295	1,556,296 99.808%
32.937	1,609,644	1,607,323 99.856%
33.933	1,660,739	1,657,128 99.783%
34.937	1,709,092	1,705,559 99.793%
35.938	1,756,470	1,753,042 99.805%
36.944	1,805,508	1,801,139 99.758%
37.942	1,855,255	1,851,551 99.800%
38.934	1,907,052	1,902,350 99.753%
39.942	1,957,181	1,952,810 99.777%
40.936	2,005,815	2,001,476 99.784%
41.934	2,055,882	2,052,253 99.823%
42.937	2,103,652	2,099,889 99.821%
43.936	2,153,285	2,148,755 99.790%
44.937	2,203,921	2,199,501 99.799%
45.935	2,253,464	2,248,409 99.776%
46.945	2,305,335	2,300,377 99.785%
47.939	2,354,989	2,350,554 99.812%
48.934	2,404,729	2,400,085 99.807%
49.939	2,456,715	2,452,537 99.830%
50.944	2,506,282	2,501,133 99.795%
51.933	2,557,557	2,552,580 99.805%
52.938	2,608,497	2,602,664 99.776%
53.943	2,655,474	2,649,990 99.793%
54.949	2,706,753	2,701,921 99.821%
55.935	2,758,865	2,752,977 99.787%
56.935	2,809,275	2,803,806 99.805%
57.938	2,859,558	2,853,582 99.791%
58.934	2,910,638	2,905,329 99.818%
59.933	2,957,854	2,952,202 99.809%
60.948	3,008,129	3,001,632 99.784%
61.934	3,052,508	3,046,991 99.819%
62.942	3,064,148	3,059,343 99.843%
63.622	3,064,148	3,059,343 99.843%

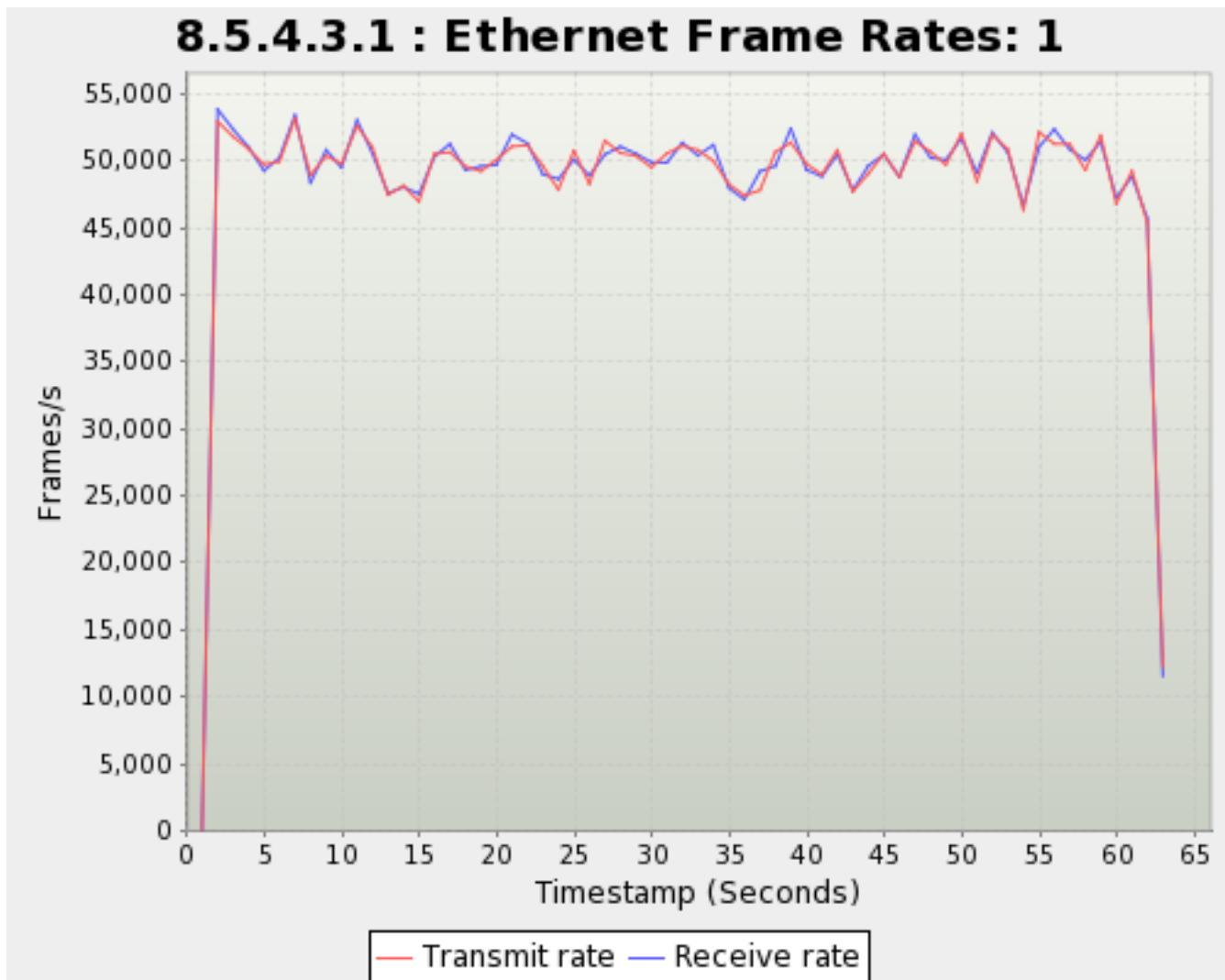
8.5.4.3. Ethernet Frame Rates



Timestamp Seconds	Transmit rate		Receive rate
	Frames/s	Frames/s	
0	0.00	0.00	0.00
0.936	6.410	6.410	
1.944	~106800	~106500	
2.936	~104600	~104200	
3.939	~101800	~102300	
4.936	~99230	~99000	
5.936	~99670	~100000	
6.936	~106600	~106700	
7.940	~97960	~97390	
8.943	~101200	~101200	
9.935	~98860	~99120	
10.941	~106400	~105800	
11.934	~101400	~101400	
12.940	~94310	~95190	
13.937	~96190	~96110	
14.938	~95090	~94600	
15.937	~100700	~100600	
16.937	~102600	~102200	
17.935	~98620	~98790	
18.935	~98430	~98970	
19.935	~99420	~99500	
20.936	~103700	~103300	
21.935	~101800	~102200	
22.933	~98940	~98630	

Timestamp Seconds	Transmit rate	Receive rate Frames/s
23.936	~96390	~96430
24.938	~100800	~100600
25.933	~97540	~97770
26.935	~101600	~101800
27.936	~102300	~101600
28.934	~100800	~101000
29.934	~98860	~99470
30.937	~100400	~100500
31.936	~102600	~102400
32.937	~101100	~101400
33.933	~101300	~101200
34.937	~96420	~96220
35.938	~94750	~94560
36.944	~96560	~97030
37.942	~100500	~100100
38.934	~103600	~103600
39.942	~99500	~99410
40.936	~97920	~97810
41.934	~101000	~101400
42.937	~95360	~95300
43.936	~98730	~98560
44.937	~101100	~101200
45.935	~98440	~97820
46.945	~102800	~103400
47.939	~100700	~100700
48.934	~99700	~99850
49.939	~103800	~103900
50.944	~97800	~97470
51.933	~103800	~104100
52.938	~101600	~100500
53.943	~93070	~93770
54.949	~103100	~102700
55.935	~104100	~104100
56.935	~101700	~101700
57.938	~99470	~99690
58.934	~103200	~103400
59.933	~94070	~94180
60.948	~98780	~97530
61.934	~90430	~91740
62.942	~23800	~23800
63.622	0.00	0.00

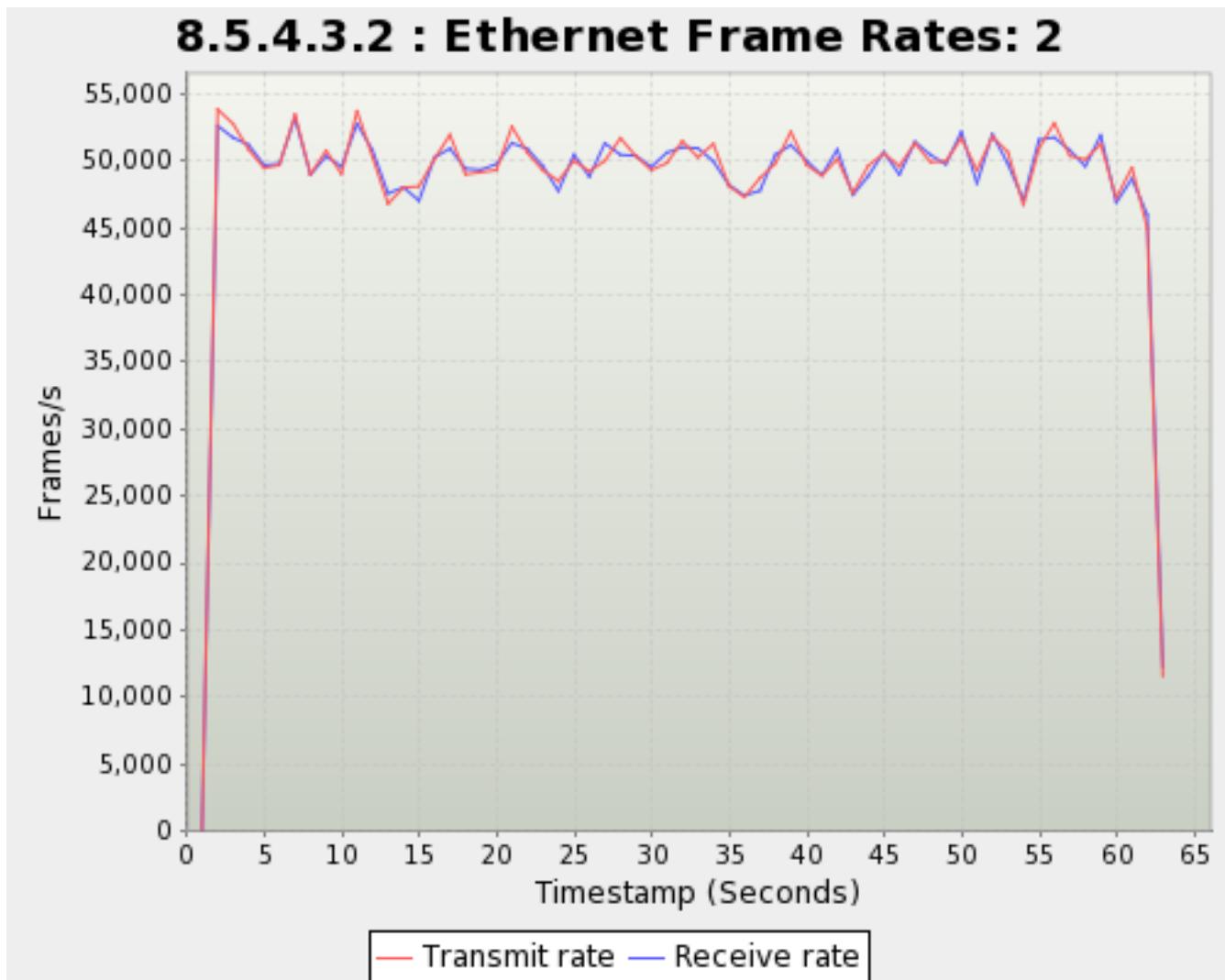
8.5.4.3.1. Ethernet Frame Rates: 1



Timestamp Seconds	Transmit rate Frames/s	Receive rate Frames/s
0	0.00	0.00
0.936	4.274	2.137
1.944	-52950	~53850
2.936	-51830	~52380
3.939	-50900	~51030
4.936	-49730	~49280
5.936	-49960	~50240
6.936	-53150	~53420
7.940	-48950	~48370
8.943	-50380	~50820
9.935	-49800	~49510
10.941	-52610	~53050
11.934	-51020	~50560
12.940	-47480	~47590
13.937	-48140	~48050
14.938	-46970	~47540
15.937	-50530	~50340
16.937	-50650	~51260
17.935	-49590	~49330
18.935	-49240	~49600
19.935	-50080	~49710
20.936	-51080	~51970
21.935	-51170	~51310
22.933	-49620	~49000

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.936	~47850	~48650
24.938	~50770	~50110
25.933	~48290	~48910
26.935	~51510	~50480
27.936	~50590	~51070
28.934	~50390	~50540
29.934	49,520	~49900
30.937	~50560	~49880
31.936	~51130	~51360
32.937	~50810	~50410
33.933	~50010	~51190
34.937	~48260	~47990
35.938	~47420	~47120
36.944	~47810	~49220
37.942	~50680	~49630
38.934	~51370	~52420
39.942	~49770	~49350
40.936	~48990	~48850
41.934	~50810	~50490
42.937	~47730	~47800
43.936	~49050	~49640
44.937	~50530	~50480
45.935	~48800	~48820
46.945	~51460	~51960
47.939	~50700	~50250
48.934	~49710	~50070
49.939	~52030	~51680
50.944	~48470	~49120
51.933	~51950	~52120
52.938	~50870	~50640
53.943	~46330	~46680
54.949	~52150	~51040
55.935	~51280	~52360
56.935	~51260	~50860
57.938	~49330	~50070
58.934	~51910	~51430
59.933	~46800	~47260
60.948	~49250	~48830
61.934	~45420	~45730
62.942	~12250	~11550
63.622	0.00	0.00

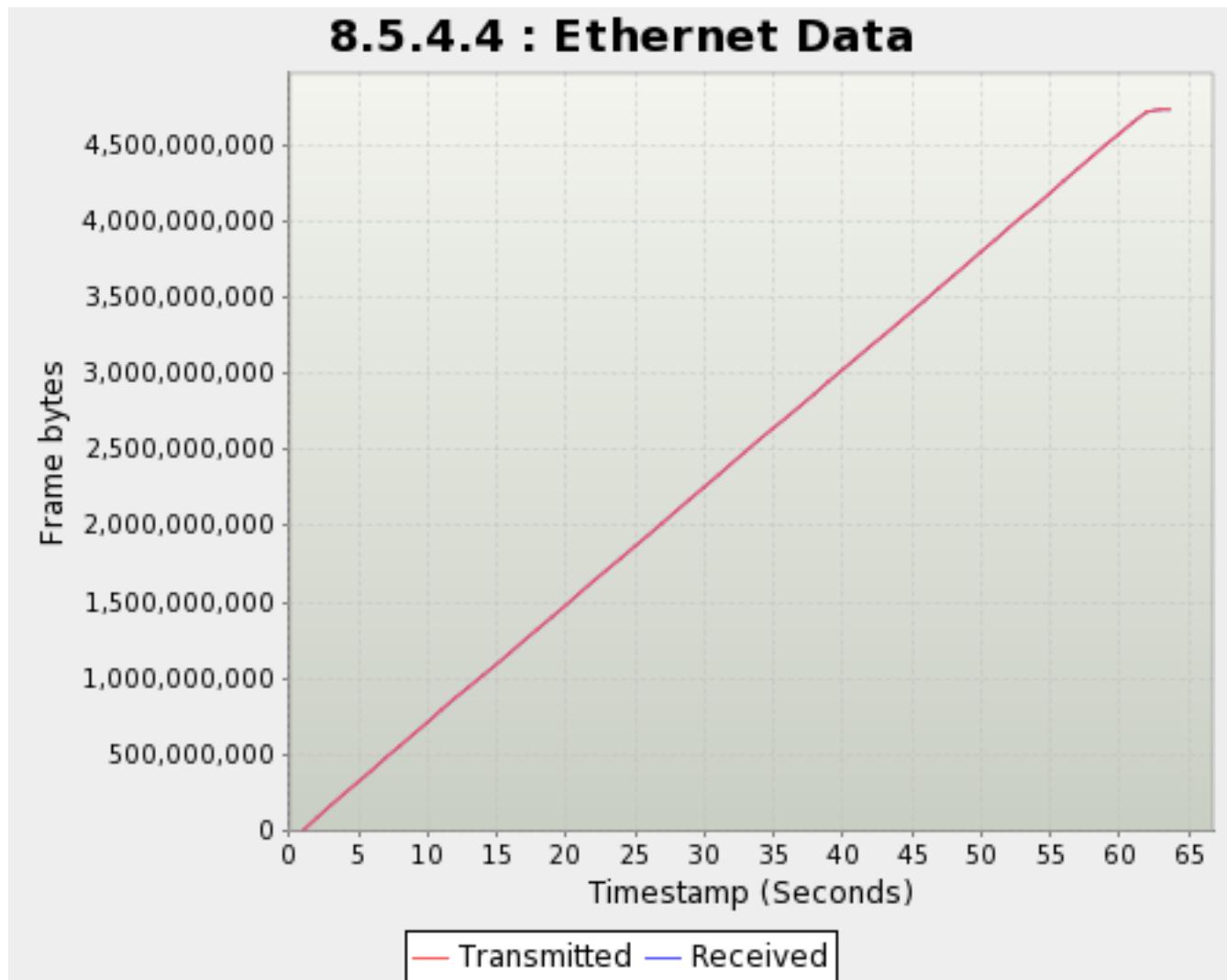
8.5.4.3.2. Ethernet Frame Rates: 2



Timestamp Seconds	Transmit rate Frames/s	Receive rate Frames/s
0	0.00	0.00
0.936	2.137	4.274
1.944	-53880	~52660
2.936	-52810	~51770
3.939	-50890	~51240
4.936	-49500	~49720
5.936	-49710	~49810
6.936	53,500	~53240
7.940	-49020	~49010
8.943	-50800	~50380
9.935	-49060	~49610
10.941	-53750	~52800
11.934	-50350	~50840
12.940	-46830	~47600
13.937	-48050	~48060
14.938	-48120	~47060
15.937	-50170	~50290
16.937	-51980	~50950
17.935	-49030	~49460
18.935	-49190	~49370
19.935	-49340	49,790
20.936	-52590	~51370
21.935	-50640	~50930
22.933	-49320	~49630

Timestamp Seconds	Transmit rate	Receive rate
	Frames/s	
23.936	~48540	~47780
24.938	~50050	~50490
25.933	~49250	~48860
26.935	~50040	~51350
27.936	~51730	~50490
28.934	~50390	~50420
29.934	~49340	~49580
30.937	~49880	~50650
31.936	~51500	~51050
32.937	~50300	~50980
33.933	~51300	~50010
34.937	~48160	~48240
35.938	~47330	~47440
36.944	~48750	~47810
37.942	~49850	~50510
38.934	~52210	~51210
39.942	~49730	~50060
40.936	~48930	~48960
41.934	~50170	~50880
42.937	~47630	~47490
43.936	~49680	~48910
44.937	~50590	~50700
45.935	~49640	~49010
46.945	~51360	~51450
47.939	~49950	~50480
48.934	~49990	~49780
49.939	~51730	~52190
50.944	~49320	~48350
51.933	~51850	~52020
52.938	~50690	~49830
53.943	~46740	~47090
54.949	~50970	~51620
55.935	~52850	~51780
56.935	50,410	~50830
57.938	~50130	~49630
58.934	~51290	~51950
59.933	~47260	~46920
60.948	~49530	~48700
61.934	~45010	~46000
62.942	~11550	~12250
63.622	0.00	0.00

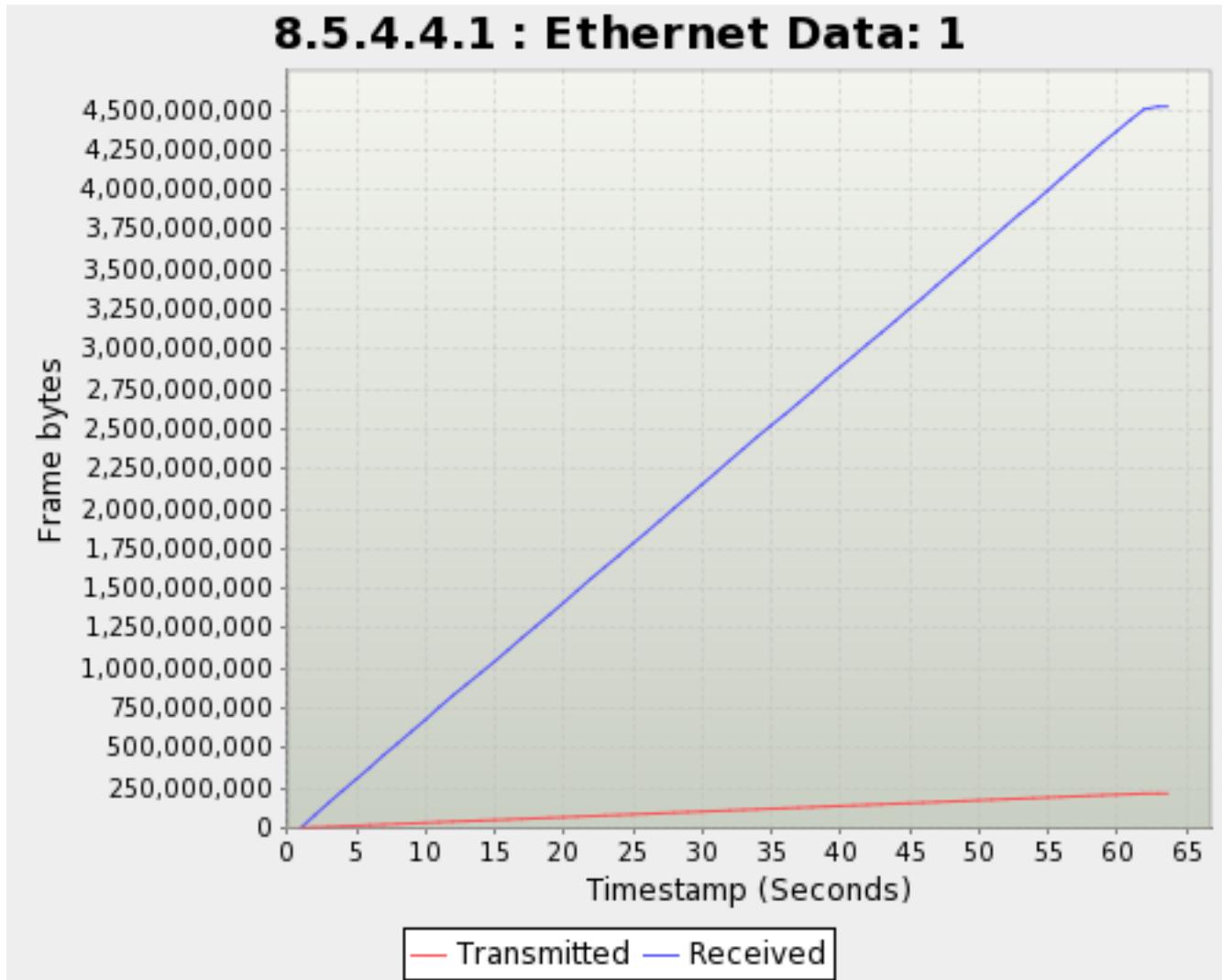
8.5.4.4. Ethernet Data



Timestamp Seconds	Transmitted		Received
	Frame bytes		
0	0		0
0.936	436		436 100.000%
1.944	83,830,441		83,757,690 99.913%
2.936	164,841,461		164,134,346 99.571%
3.939	243,908,297		243,436,899 99.807%
4.936	320,202,494		319,419,807 99.756%
5.936	396,960,985		396,949,439 99.997%
6.936	479,586,777		479,469,370 99.976%
7.940	555,724,572		554,650,478 99.807%
8.943	634,590,347		633,546,920 99.836%
9.935	709,864,472		709,457,196 99.943%
10.941	793,433,904		791,990,318 99.818%
11.934	870,772,871		869,628,371 99.869%
12.940	943,705,966		943,701,836 100.000%
13.937	1,017,849,690		1,017,841,408 99.999%
14.938	1,092,348,779		1,091,482,600 99.921%
15.937	1,169,895,837		1,169,256,219 99.945%
16.937	1,250,148,235		1,248,465,349 99.865%
17.935	1,325,839,613		1,324,588,849 99.906%
18.935	1,401,863,907		1,401,238,995 99.955%
19.935	1,478,268,617		1,478,166,053 99.993%
20.936	1,559,470,133		1,558,464,845 99.936%
21.935	1,637,814,113		1,637,797,247 99.999%
22.933	1,713,852,235		1,713,371,495 99.972%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
23.936	1,789,096,913	1,788,771,179 99.982%
24.938	1,866,697,350	1,866,431,392 99.986%
25.933	1,942,415,255	1,941,679,817 99.962%
26.935	2,020,029,273	2,019,944,960 99.996%
27.936	2,100,012,737	2,098,943,709 99.949%
28.934	2,177,742,116	2,176,892,164 99.961%
29.934	2,253,961,964	2,253,942,199 99.999%
30.937	2,331,321,944	2,331,310,364 100.000%
31.936	2,410,888,550	2,410,676,114 99.991%
32.937	2,488,785,229	2,488,750,175 99.999%
33.933	2,567,613,466	2,567,411,499 99.992%
34.937	2,642,336,855	2,641,881,375 99.983%
35.938	2,715,615,107	2,714,853,238 99.972%
36.944	2,791,481,337	2,791,423,845 99.998%
37.942	2,868,407,273	2,868,017,498 99.986%
38.934	2,948,357,410	2,948,253,349 99.996%
39.942	3,025,844,619	3,025,185,898 99.978%
40.936	3,101,103,161	3,100,336,720 99.975%
41.934	3,178,583,767	3,178,287,383 99.991%
42.937	3,252,372,867	3,252,319,635 99.998%
43.936	3,329,210,257	3,329,090,349 99.996%
44.937	3,407,546,775	3,407,283,544 99.992%
45.935	3,484,031,424	3,482,574,048 99.958%
46.945	3,564,219,035	3,563,652,558 99.984%
47.939	3,640,980,017	3,640,823,593 99.996%
48.934	3,717,869,840	3,717,828,202 99.999%
49.939	3,798,338,848	3,798,242,518 99.997%
50.944	3,874,949,124	3,874,547,792 99.990%
51.933	3,954,137,339	3,954,134,045 100.000%
52.938	4,032,957,285	4,032,818,112 99.997%
53.943	4,105,538,583	4,105,352,669 99.995%
54.949	4,184,894,714	4,184,772,159 99.997%
55.935	4,265,360,798	4,264,553,946 99.981%
56.935	4,343,335,716	4,343,168,047 99.996%
57.938	4,421,054,795	4,420,812,015 99.995%
58.934	4,500,036,381	4,500,004,737 99.999%
59.933	4,572,971,500	4,572,949,564 100.000%
60.948	4,650,666,322	4,649,551,811 99.976%
61.934	4,719,432,650	4,719,410,106 100.000%
62.942	4,737,415,567	4,737,393,023 100.000%
63.622	4,737,415,567	4,737,393,023 100.000%

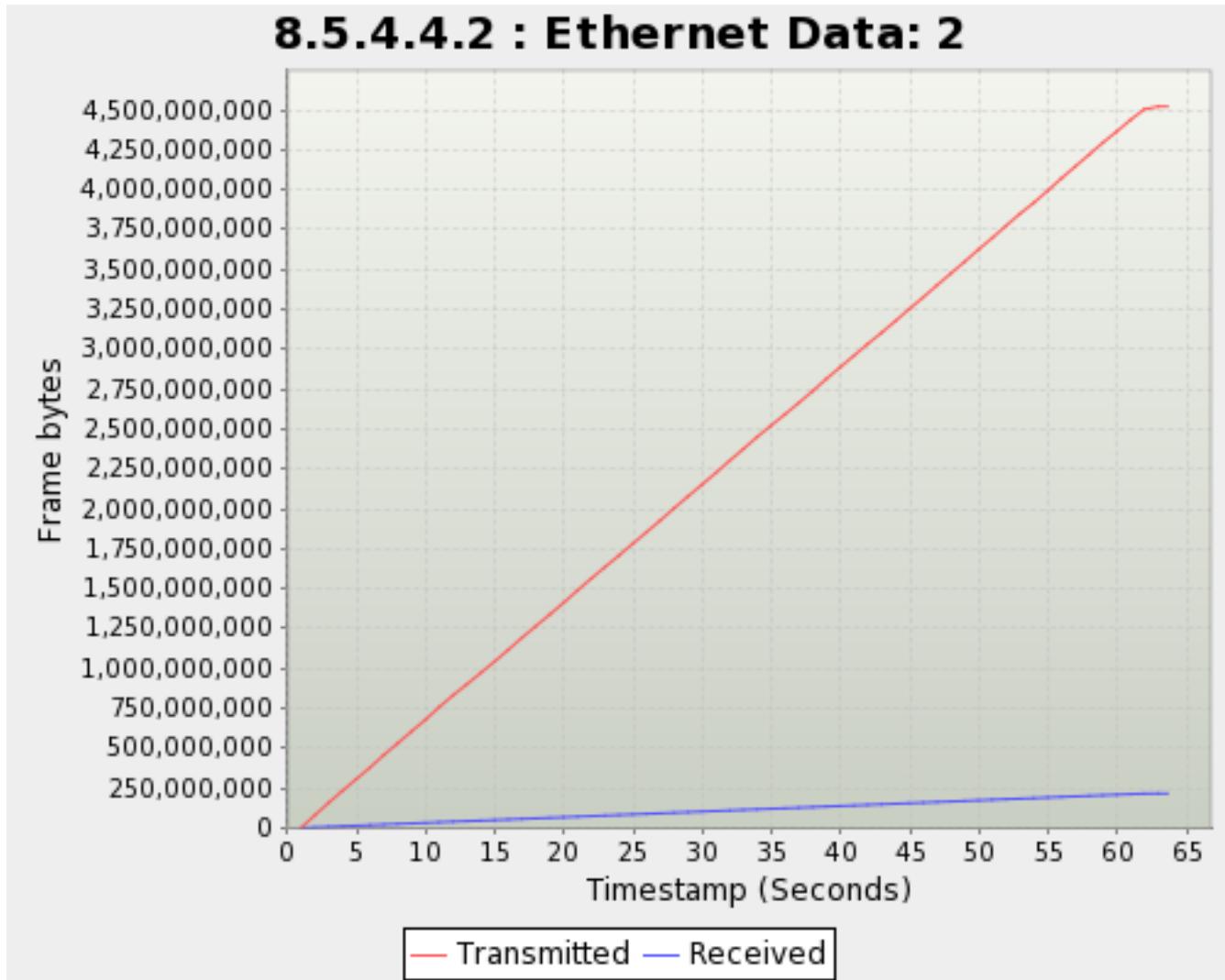
8.5.4.4.1. Ethernet Data: 1



Timestamp Seconds	Transmitted		Received
	Frame bytes		
0	0		0
0.936	288		148 51.389%
1.944	3,821,398		79,956,924 2092.347%
2.936	7,458,876		156,699,812 2100.850%
3.939	11,064,648		232,372,321 2100.133%
4.936	14,568,770		304,851,671 2092.501%
5.936	18,103,244		378,857,671 2092.761%
6.936	21,868,240		457,606,310 2092.561%
7.940	25,342,924		529,307,904 2088.583%
8.943	28,909,600		604,637,810 2091.478%
9.935	32,405,302		677,065,446 2089.366%
10.941	36,142,596		755,847,722 2091.293%
11.934	39,728,496		829,912,269 2088.960%
12.940	43,100,668		900,605,298 2089.539%
13.937	46,492,358		971,358,780 2089.287%
14.938	49,816,194		1,041,670,422 2091.028%
15.937	53,380,666		1,115,896,885 2090.451%
16.937	56,961,478		1,191,503,801 2091.771%
17.935	60,458,258		1,264,139,621 2090.930%
18.935	63,940,802		1,337,298,123 2091.463%
19.935	67,477,422		1,410,708,961 2090.638%
20.936	71,094,532		1,487,370,313 2092.102%
21.935	74,704,998		1,563,109,115 2092.376%
22.933	78,205,668		1,635,181,857 2090.874%

Timestamp	Transmitted	Received
Seconds		Frame bytes
23.936	81,598,652	1,707,193,413 2092.183%
24.938	85,192,924	1,781,278,818 2090.876%
25.933	88,588,524	1,853,091,293 2091.796%
26.935	92,234,648	1,927,721,862 2090.019%
27.936	95,815,726	2,003,146,603 2090.624%
28.934	99,369,352	2,077,540,534 2090.726%
29.934	102,872,180	2,151,083,275 2091.025%
30.937	106,459,540	2,224,857,850 2089.862%
31.936	110,067,100	2,300,620,774 2090.198%
32.937	113,659,482	2,375,090,833 2089.655%
33.933	117,185,686	2,450,226,023 2090.892%
34.937	120,614,480	2,521,268,365 2090.353%
35.938	123,968,284	2,590,885,234 2089.958%
36.944	127,365,426	2,664,058,839 2091.666%
37.942	130,939,452	2,737,090,536 2090.348%
38.934	134,542,094	2,813,734,425 2091.341%
39.942	138,092,018	2,887,096,470 2090.705%
40.936	141,529,888	2,958,811,872 2090.592%
41.934	145,112,636	3,033,174,817 2090.221%
42.937	148,500,570	3,103,835,865 2090.117%
43.936	151,961,922	3,177,154,863 2090.757%
44.937	155,537,018	3,251,761,732 2090.667%
45.935	158,979,192	3,323,594,926 2090.585%
46.945	162,651,216	3,401,001,832 2090.978%
47.939	166,218,184	3,474,621,229 2090.398%
48.934	169,716,260	3,548,123,220 2090.621%
49.939	173,409,098	3,624,833,280 2090.336%
50.944	176,850,240	3,697,705,882 2090.868%
51.933	180,485,778	3,773,651,561 2090.830%
52.938	184,098,410	3,848,796,200 2090.619%
53.943	187,390,356	3,917,984,857 2090.815%
54.949	191,098,798	3,993,733,241 2089.879%
55.935	194,675,136	4,069,904,656 2090.613%
56.935	198,299,678	4,144,924,787 2090.233%
57.938	201,795,496	4,219,051,103 2090.756%
58.934	205,449,858	4,294,586,523 2090.333%
59.933	208,755,662	4,364,217,356 2090.586%
60.948	212,291,718	4,437,323,079 2090.201%
61.934	215,431,142	4,504,001,508 2090.692%
62.942	216,295,782	4,521,119,785 2090.249%
63.622	216,295,782	4,521,119,785 2090.249%

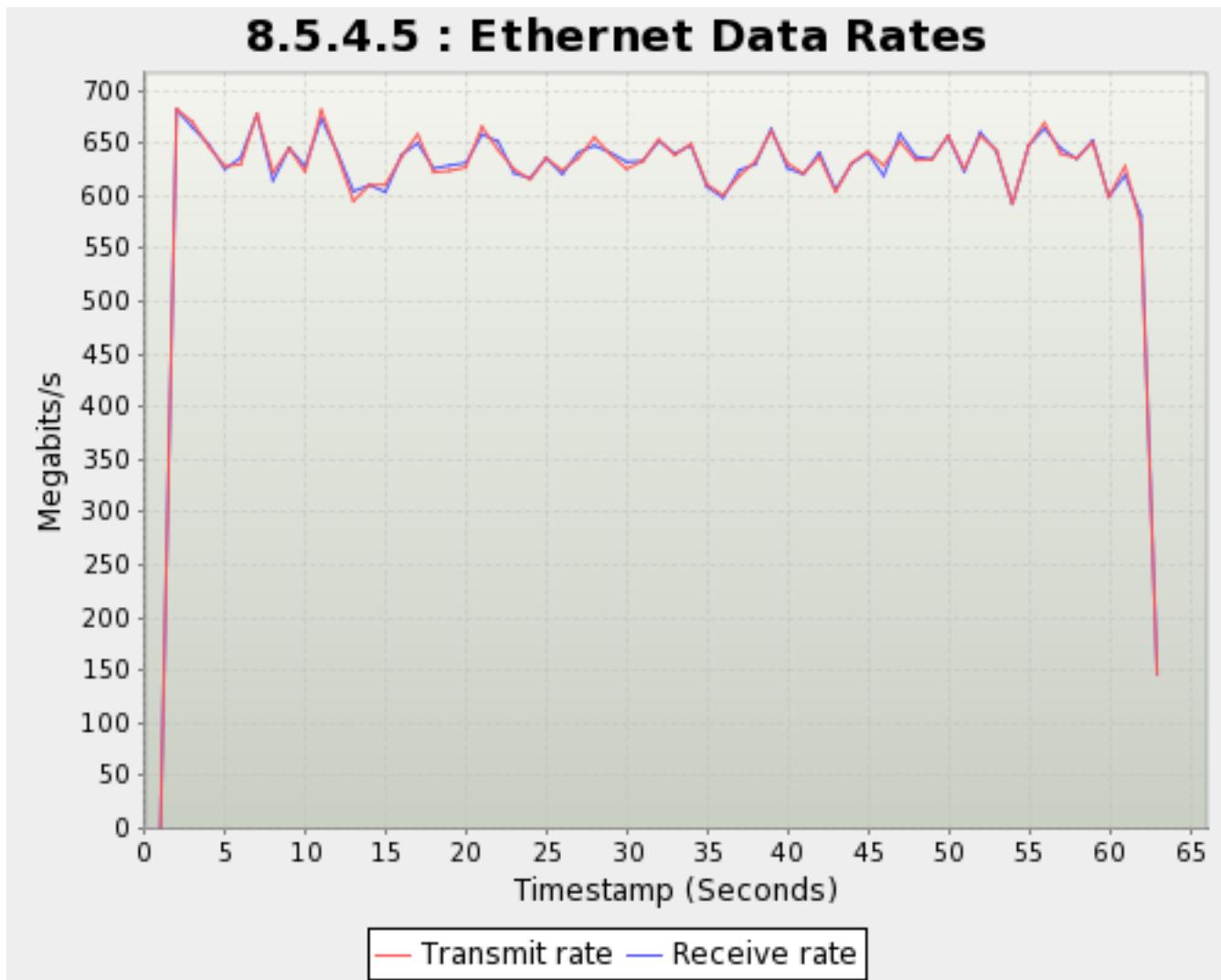
8.5.4.4.2. Ethernet Data: 2



Timestamp	Transmitted		Received
	Seconds	Frame bytes	Frame bytes
0	0	0	0
0.936	148	288	194.595%
1.944	80,009,043	3,800,766	4.750%
2.936	157,382,585	7,434,534	4.724%
3.939	232,843,649	11,064,578	4.752%
4.936	305,633,724	14,568,136	4.767%
5.936	378,857,741	18,091,768	4.775%
6.936	457,718,537	21,863,060	4.777%
7.940	530,381,648	25,342,574	4.778%
8.943	605,680,747	28,909,110	4.773%
9.935	677,459,170	32,391,750	4.781%
10.941	757,291,308	36,142,596	4.773%
11.934	831,044,375	39,716,102	4.779%
12.940	900,605,298	43,096,538	4.785%
13.937	971,357,332	46,482,628	4.785%
14.938	1,042,532,585	49,812,178	4.778%
15.937	1,116,515,171	53,359,334	4.779%
16.937	1,193,186,757	56,961,548	4.774%
17.935	1,265,381,355	60,449,228	4.777%
18.935	1,337,923,105	63,940,872	4.779%
19.935	1,410,791,195	67,457,092	4.782%
20.936	1,488,375,601	71,094,532	4.777%
21.935	1,563,109,115	74,688,132	4.778%
22.933	1,635,646,567	78,189,638	4.780%

Timestamp	Transmitted	Received
Seconds	Frame bytes	
23.936	1,707,498,261	81,577,766 4.778%
24.938	1,781,504,426	85,152,574 4.780%
25.933	1,853,826,731	88,588,524 4.779%
26.935	1,927,794,625	92,223,098 4.784%
27.936	2,004,197,011	95,797,106 4.780%
28.934	2,078,372,764	99,351,630 4.780%
29.934	2,151,089,784	102,858,924 4.782%
30.937	2,224,862,404	106,452,514 4.785%
31.936	2,300,821,450	110,055,340 4.783%
32.937	2,375,125,747	113,659,342 4.785%
33.933	2,450,427,780	117,185,476 4.782%
34.937	2,521,722,375	120,613,010 4.783%
35.938	2,591,646,823	123,968,004 4.783%
36.944	2,664,115,911	127,365,006 4.781%
37.942	2,737,467,821	130,926,962 4.783%
38.934	2,813,815,316	134,518,924 4.781%
39.942	2,887,752,601	138,089,428 4.782%
40.936	2,959,573,273	141,524,848 4.782%
41.934	3,033,471,131	145,112,566 4.784%
42.937	3,103,872,297	148,483,770 4.784%
43.936	3,177,248,335	151,935,486 4.782%
44.937	3,252,009,757	155,521,812 4.782%
45.935	3,325,052,232	158,979,122 4.781%
46.945	3,401,567,819	162,650,726 4.782%
47.939	3,474,761,833	166,202,364 4.783%
48.934	3,548,153,580	169,704,982 4.783%
49.939	3,624,929,750	173,409,238 4.784%
50.944	3,698,098,884	176,841,910 4.782%
51.933	3,773,651,561	180,482,484 4.783%
52.938	3,848,858,875	184,021,912 4.781%
53.943	3,918,148,227	187,367,812 4.782%
54.949	3,993,795,916	191,038,918 4.783%
55.935	4,070,685,662	194,649,290 4.782%
56.935	4,145,036,038	198,243,260 4.783%
57.938	4,219,259,299	201,760,912 4.782%
58.934	4,294,586,523	205,418,214 4.783%
59.933	4,364,215,838	208,732,208 4.783%
60.948	4,438,374,604	212,228,732 4.782%
61.934	4,504,001,508	215,408,598 4.783%
62.942	4,521,119,785	216,273,238 4.784%
63.622	4,521,119,785	216,273,238 4.784%

8.5.4.5. Ethernet Data Rates



Data Rate shown includes Ethernet overhead.

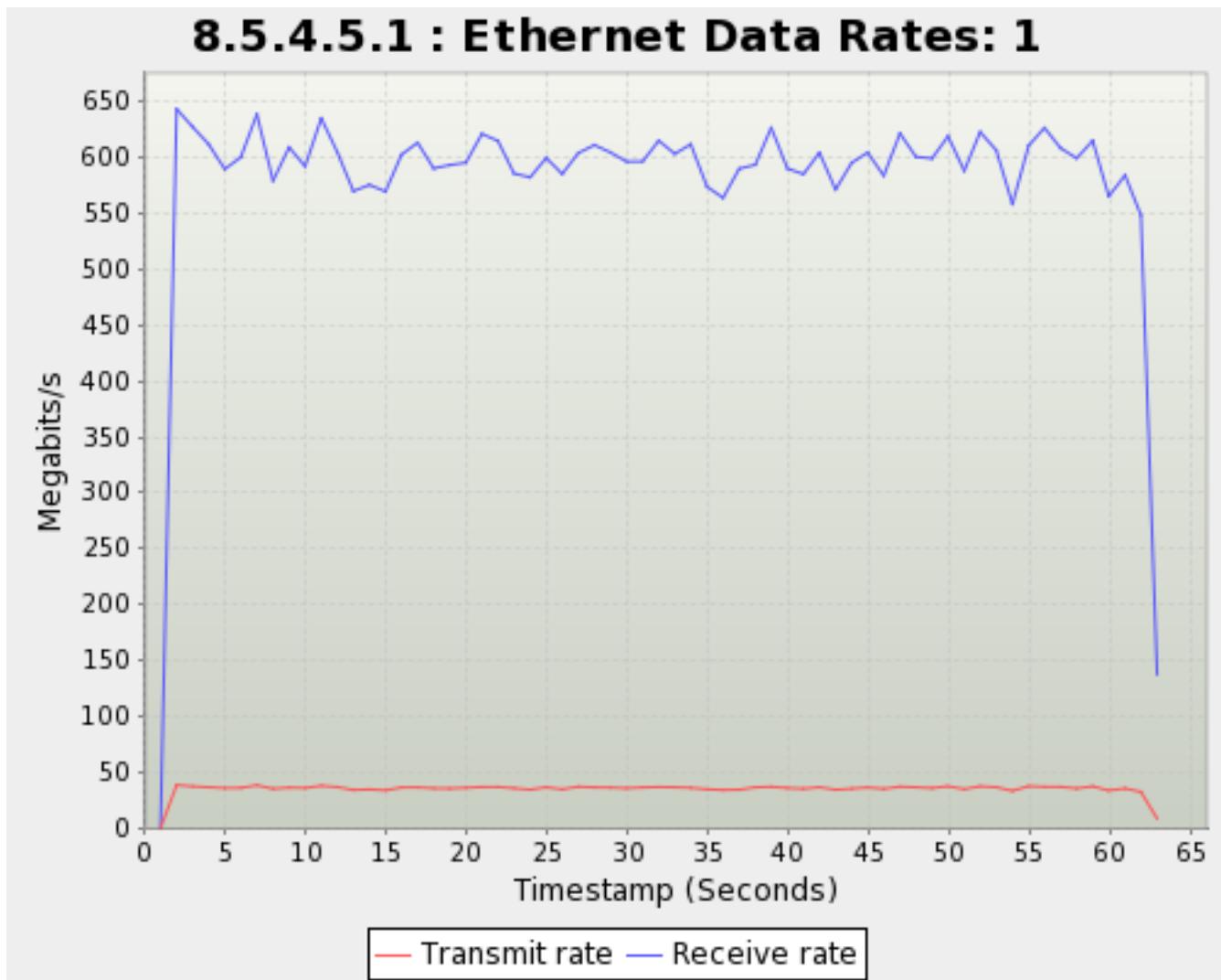
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
0	0.00	0.00
0.936	0.004752	0.004752
1.944	682.4	681.8
2.936	670.1	664.9
3.939	646.9	648.9
4.936	628.1	625.5
5.936	~630	636.2
6.936	678.1	677.2
7.940	622.3	614.6
8.943	645.2	645.5
9.935	622.9	~628
10.941	681.6	673.3
11.934	639.3	641.7
12.940	595.1	604.3
13.937	610.3	610.3
14.938	610.6	603.7
15.937	637.1	638.9
16.937	658.4	~650
17.935	622.5	~626

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
18.935	623.9	~629
19.935	627.1	631.3
20.936	665.6	658.3
21.935	643.7	651.7
22.933	625.4	621.6
23.936	615.6	616.8
24.938	635.7	636.1
25.933	624.4	620.7
26.935	635.9	641.2
27.936	655.6	647.6
28.934	639.2	~641
29.934	625.6	632.3
30.937	633.1	633.2
31.936	653.6	651.9
32.937	638.7	640.2
33.933	649.4	~648
34.937	610.8	608.8
35.938	600.8	598.3
36.944	618.8	624.4
37.942	632.7	~630
38.934	661.3	663.6
39.942	630.9	626.5
40.936	621.4	620.5
41.934	637.2	641.1
42.937	603.8	605.7
43.936	631.1	630.5
44.937	642.2	641.1
45.935	628.9	619.2
46.945	651.6	658.8
47.939	633.9	637.2
48.934	634.2	635.1
49.939	657.2	656.7
50.944	625.5	~623
51.933	657.2	660.4
52.938	643.7	642.4
53.943	592.7	592.4
54.949	647.6	~648
55.935	669.5	~664
56.935	640.1	645.2
57.938	635.8	635.2
58.934	650.9	652.6
59.933	599.1	599.2
60.948	628.2	619.4
61.934	572.4	581.5
62.942	146.5	146.5
63.622	0.00	0.00

8.5.4.5.1. Ethernet Data Rates: 1



Data Rate shown includes Ethernet overhead.

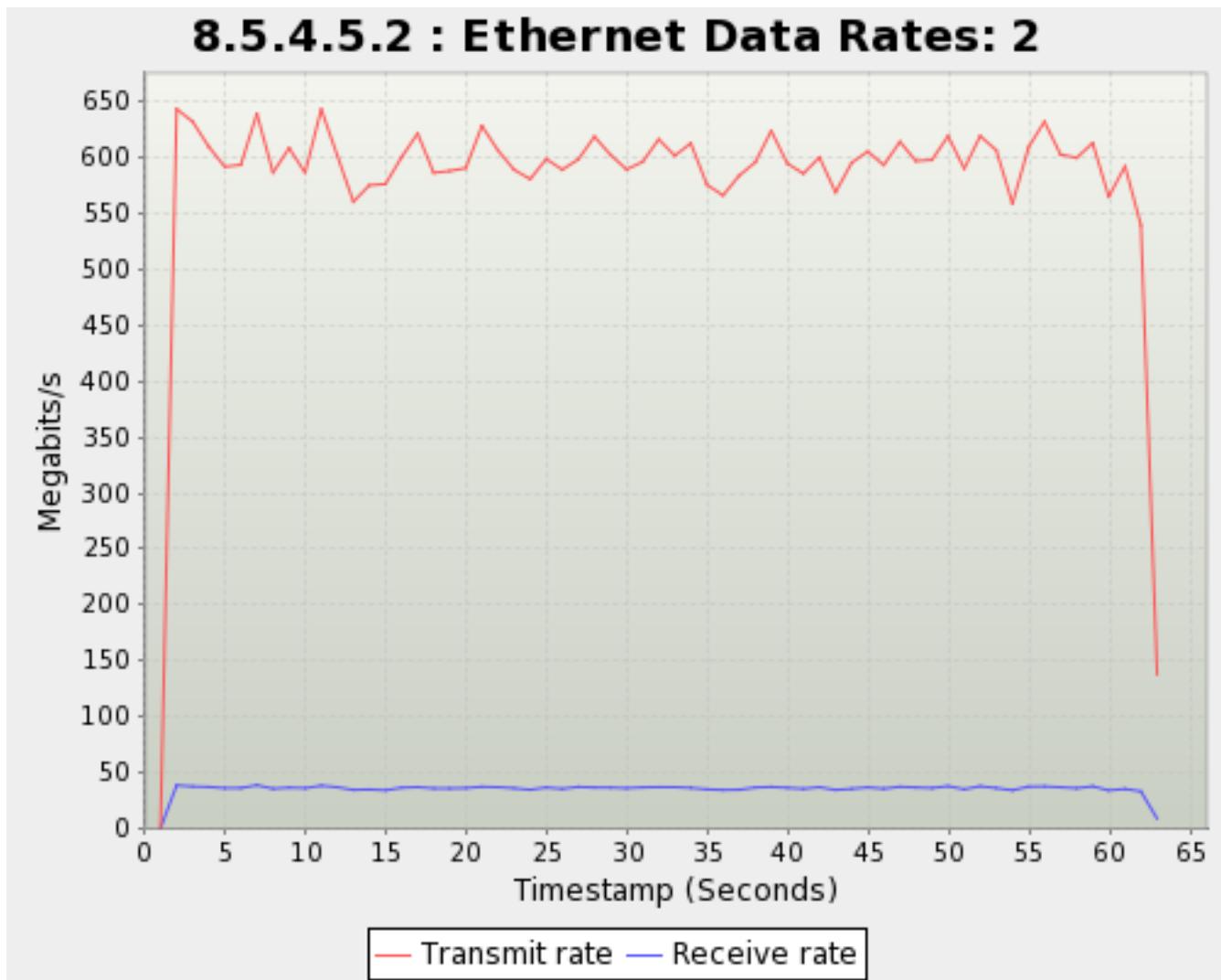
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

Timestamp Seconds	Transmit rate	Receive rate Megabits/s
0	0.00	0.00
0.936	0.003145	0.001607
1.944	38.80	643.2
2.936	37.63	627.3
3.939	36.90	611.7
4.936	36.07	589.5
5.936	36.27	600.1
6.936	38.62	638.5
7.940	35.52	579.1
8.943	36.51	~609
9.935	36.16	~592
10.941	38.14	~635
11.934	37.05	604.8
12.940	34.41	569.8
13.937	34.92	575.4
14.938	34.08	569.5
15.937	36.63	602.5
16.937	36.75	613.1
17.935	35.96	590.1

Timestamp	Seconds	Transmit rate	Receive rate
			Megabits/s
18.935	35.74		593.2
19.935	36.31		595.2
20.936	37.08		~621
21.935	37.10		614.7
22.933	~36		585.6
23.936	34.72		582.2
24.938	36.82		599.5
25.933	35.03		585.2
26.935	37.35		603.9
27.936	36.71		~611
28.934	36.55		604.4
29.934	35.95		596.3
30.937	36.70		596.4
31.936	37.07		614.9
32.937	36.84		603.2
33.933	36.32		611.7
34.937	35.04		573.8
35.938	34.39		563.9
36.944	34.66		589.8
37.942	36.76		593.4
38.934	37.27		626.5
39.942	36.14		590.1
40.936	35.51		~585
41.934	36.85		604.2
42.937	34.66		571.2
43.936	35.57		595.1
44.937	36.66		604.3
45.935	35.40		583.6
46.945	37.32		621.4
47.939	36.82		600.5
48.934	36.08		~599
49.939	37.72		618.9
50.944	35.15		587.9
51.933	37.72		622.7
52.938	36.90		606.3
53.943	33.62		558.2
54.949	37.83		610.5
55.935	37.22		626.4
56.935	37.20		608.3
57.938	35.78		599.2
58.934	37.66		614.9
59.933	33.96		565.2
60.948	35.75		~584
61.934	32.74		548.3
62.942	8.823		137.7
63.622	0.00		0.00

8.5.4.5.2. Ethernet Data Rates: 2



Data Rate shown includes Ethernet overhead.

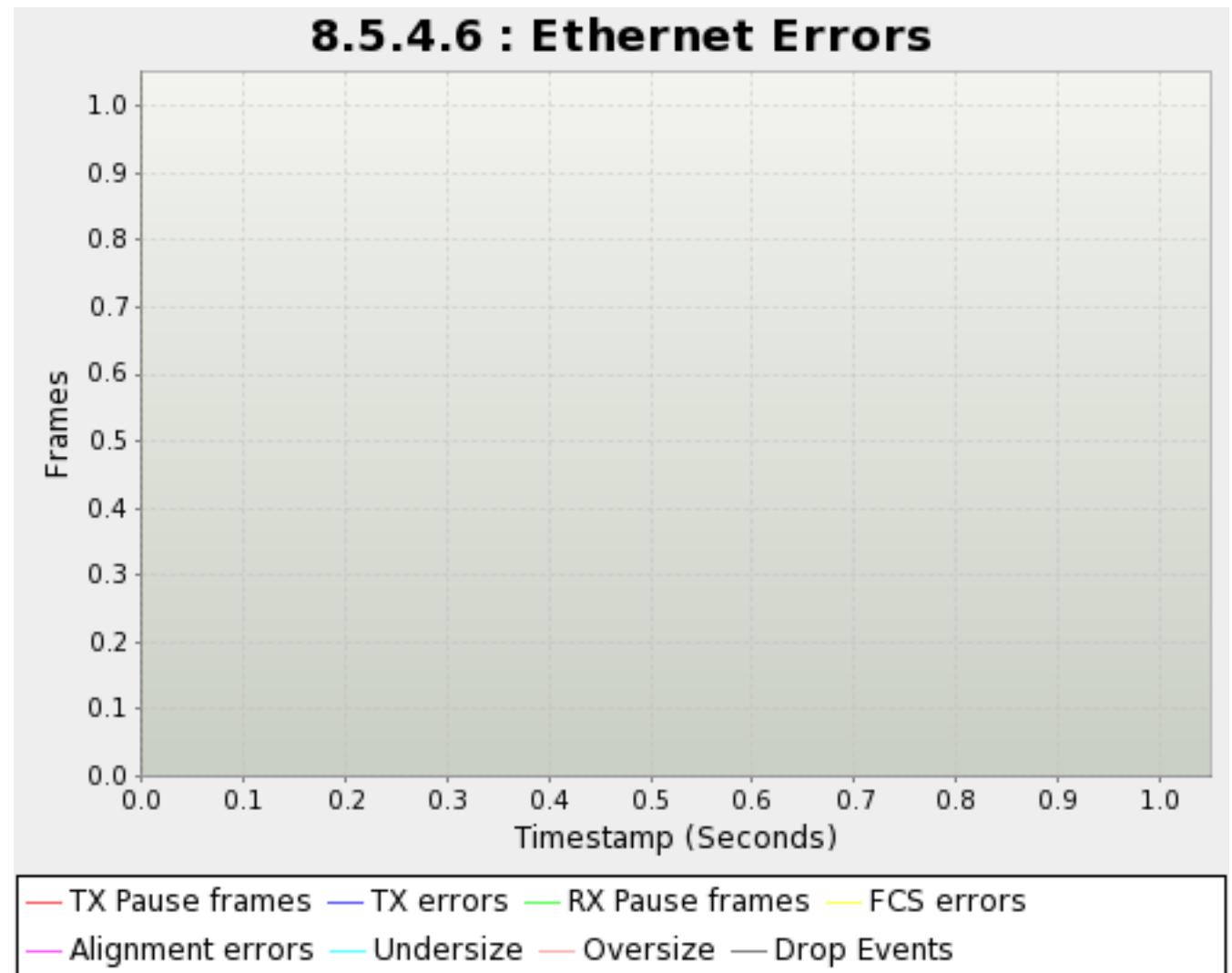
Rates can fluctuate slightly above the physical maximum due to round-off errors in calculations.

Physical speeds on fiber optic can legitimately exceed 10Gbps.

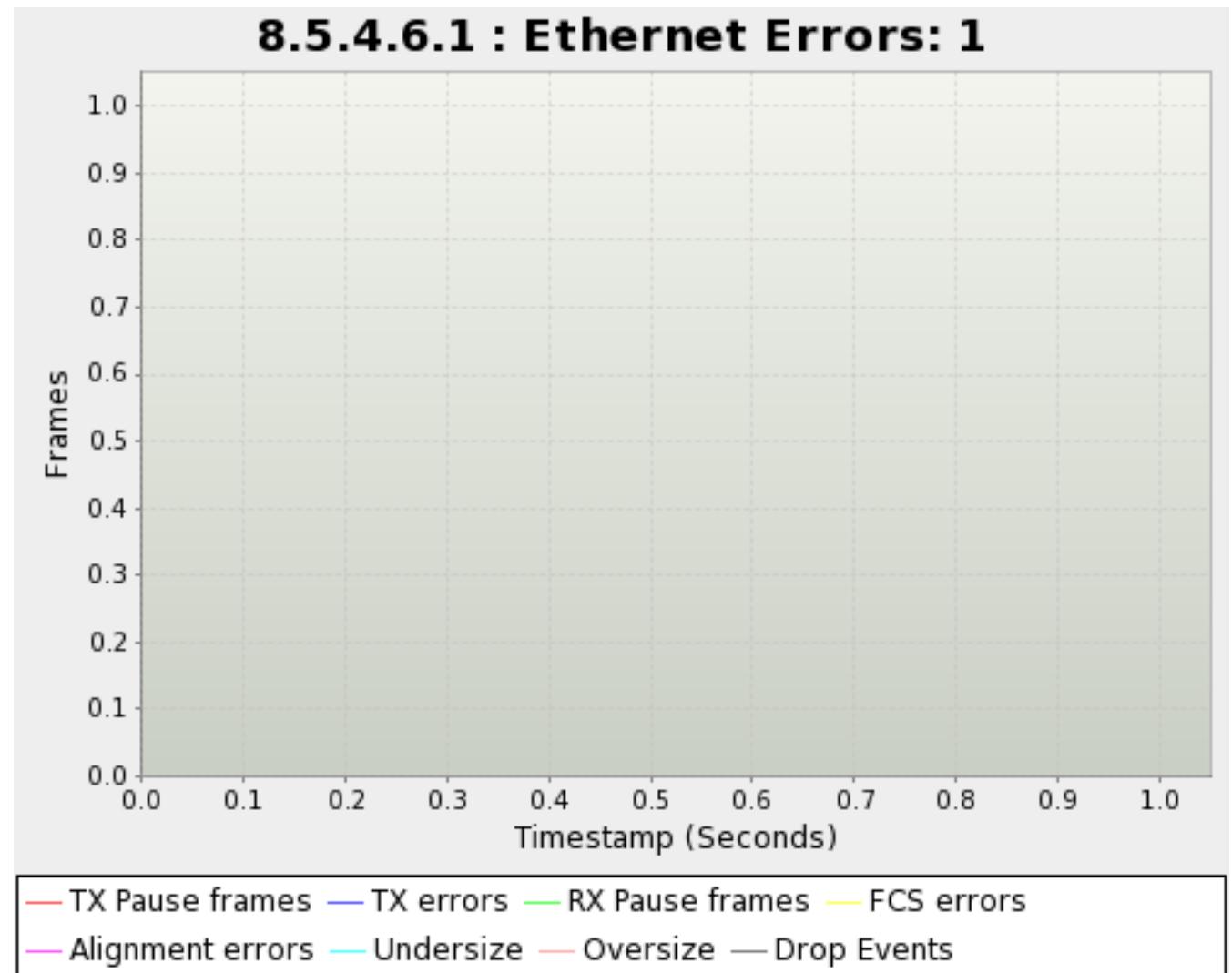
Timestamp	Transmit rate	Receive rate
Seconds	Megabits/s	
0	0.00	0.00
0.936	0.001607	0.003145
1.944	643.6	38.59
2.936	632.4	37.59
3.939	~610	37.15
4.936	~592	36.07
5.936	593.7	36.16
6.936	639.4	38.69
7.940	586.8	35.57
8.943	608.7	36.51
9.935	586.7	36.02
10.941	643.4	38.28
11.934	602.2	36.92
12.940	560.7	34.50
13.937	575.4	34.86
14.938	576.5	34.14
15.937	600.5	36.45
16.937	621.7	36.97
17.935	586.6	35.87

Timestamp Seconds	Transmit rate	Receive rate
		Megabits/s
18.935	588.2	35.83
19.935	590.8	36.10
20.936	628.5	37.29
21.935	606.6	36.93
22.933	589.4	36.01
23.936	580.9	34.67
24.938	598.9	36.62
25.933	589.4	35.44
26.935	598.6	37.23
27.936	618.9	36.64
28.934	602.7	36.56
29.934	589.6	35.99
30.937	596.4	36.77
31.936	616.5	37.02
32.937	601.9	36.96
33.933	-613	36.32
34.937	575.8	35.03
35.938	566.4	34.40
36.944	584.1	34.66
37.942	-596	36.63
38.934	624.1	37.16
39.942	594.8	36.35
40.936	585.9	35.48
41.934	600.4	36.90
42.937	569.1	34.49
43.936	595.5	35.47
44.937	605.6	36.77
45.935	593.5	35.55
46.945	614.3	37.31
47.939	597.1	36.66
48.934	598.1	36.13
49.939	619.4	37.84
50.944	590.3	35.06
51.933	619.4	37.77
52.938	606.8	36.15
53.943	-559	34.17
54.949	609.7	37.45
55.935	632.3	37.58
56.935	602.9	36.88
57.938	-600	~36
58.934	613.2	37.69
59.933	565.2	34.05
60.948	592.4	35.35
61.934	539.7	33.16
62.942	137.7	8.823
63.622	0.00	0.00

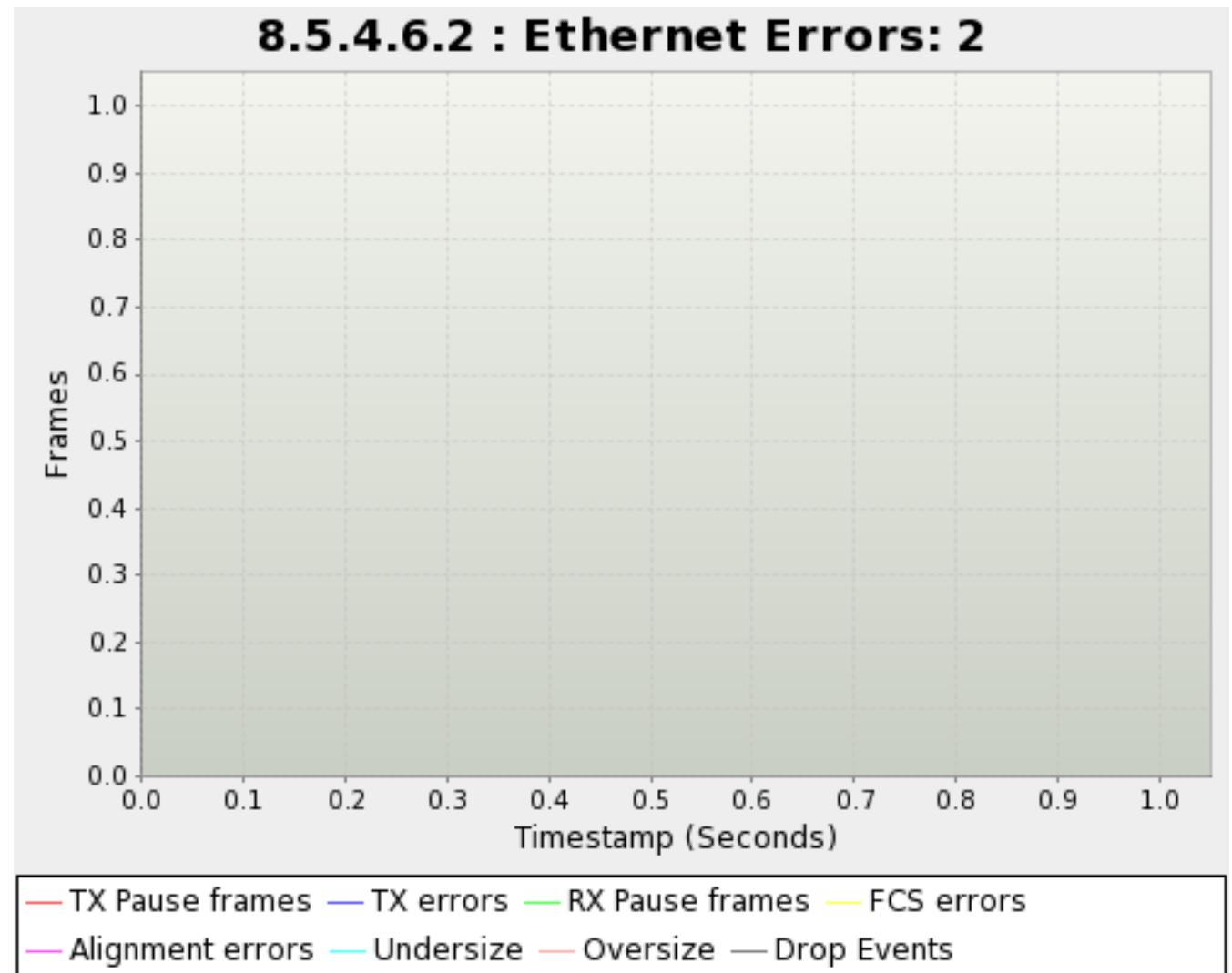
8.5.4.6. Ethernet Errors



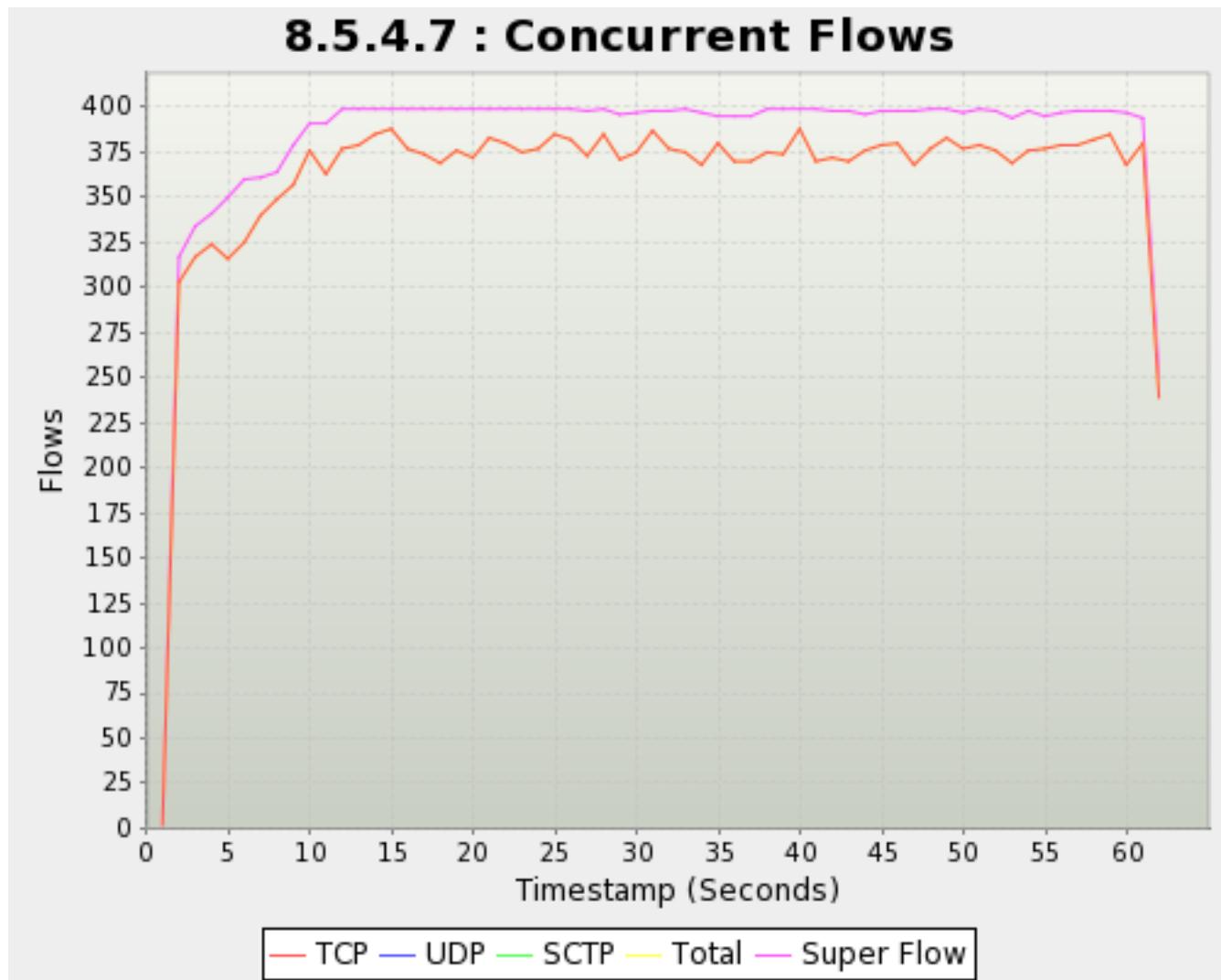
8.5.4.6.1. Ethernet Errors: 1



8.5.4.6.2. Ethernet Errors: 2



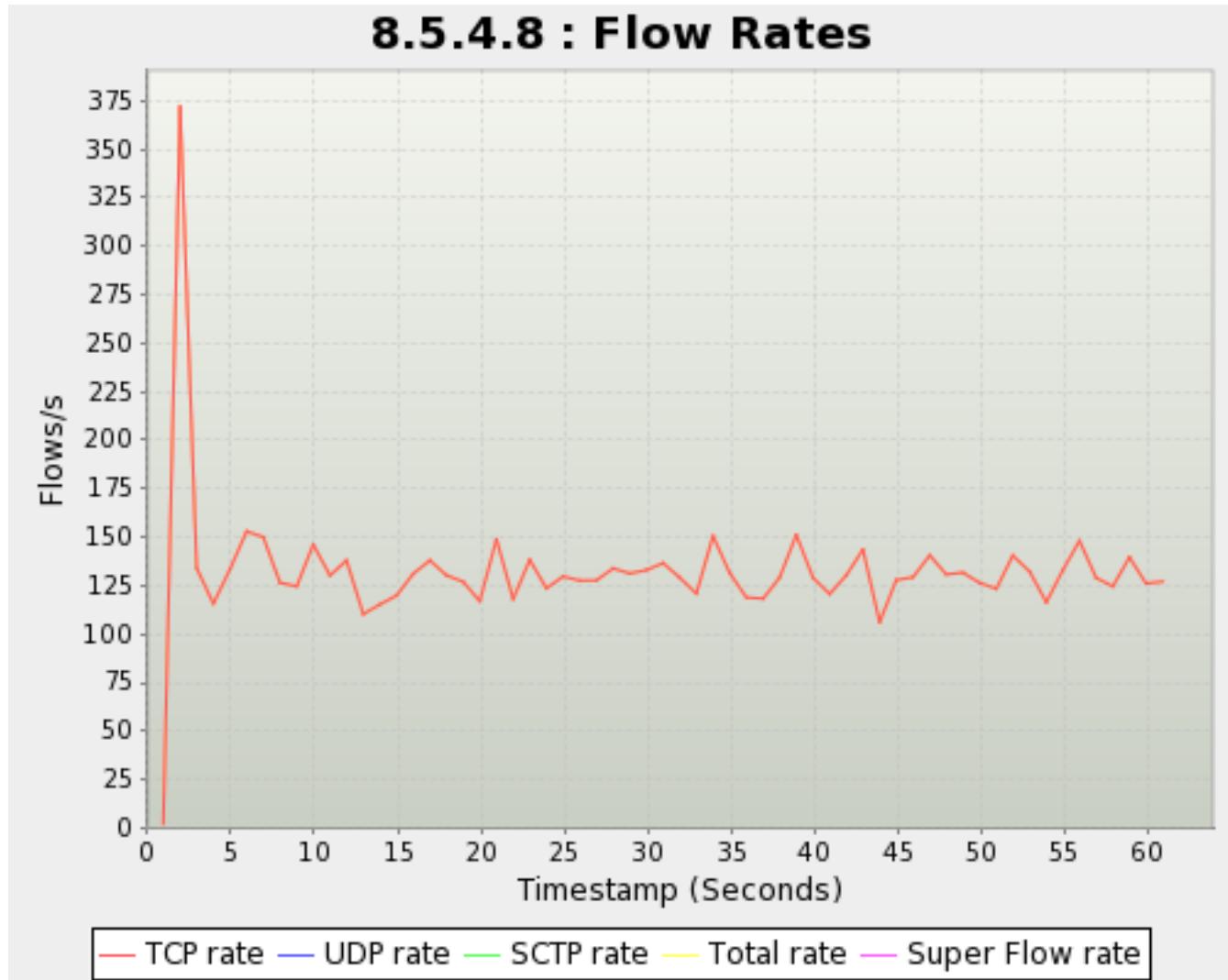
8.5.4.7. Concurrent Flows



Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds	Flows				
0	0	0	0	0	0
0.936	2	0	0	2	2
1.944	303	0	0	303	317
2.936	317	0	0	317	334
3.939	324	0	0	324	341
4.936	316	0	0	316	350
5.936	325	0	0	325	360
6.936	340	0	0	340	361
7.940	349	0	0	349	364
8.943	357	0	0	357	379
9.935	376	0	0	376	391
10.941	363	0	0	363	391
11.934	377	0	0	377	399
12.940	379	0	0	379	399
13.937	385	0	0	385	399
14.938	388	0	0	388	399
15.937	377	0	0	377	399
16.937	374	0	0	374	399
17.935	369	0	0	369	399
18.935	376	0	0	376	399
19.935	372	0	0	372	399
20.936	383	0	0	383	399
21.935	380	0	0	380	399
22.933	375	0	0	375	399

Timestamp	TCP	UDP	SCTP	Total	Super Flow
Seconds	Flows				
23.936	377	0	0	377	399
24.938	385	0	0	385	399
25.933	382	0	0	382	399
26.935	373	0	0	373	398
27.936	385	0	0	385	399
28.934	371	0	0	371	396
29.934	375	0	0	375	397
30.937	387	0	0	387	398
31.936	377	0	0	377	398
32.937	375	0	0	375	399
33.933	368	0	0	368	397
34.937	380	0	0	380	395
35.938	370	0	0	370	395
36.944	370	0	0	370	395
37.942	375	0	0	375	399
38.934	374	0	0	374	399
39.942	388	0	0	388	399
40.936	370	0	0	370	399
41.934	372	0	0	372	398
42.937	370	0	0	370	398
43.936	376	0	0	376	396
44.937	379	0	0	379	398
45.935	380	0	0	380	398
46.945	368	0	0	368	398
47.939	377	0	0	377	399
48.934	383	0	0	383	399
49.939	377	0	0	377	397
50.944	379	0	0	379	399
51.933	376	0	0	376	398
52.938	369	0	0	369	394
53.943	376	0	0	376	398
54.949	377	0	0	377	395
55.935	379	0	0	379	397
56.935	379	0	0	379	398
57.938	382	0	0	382	398
58.934	385	0	0	385	398
59.933	368	0	0	368	397
60.948	380	0	0	380	394
61.934	239	0	0	239	250
62.942	0	0	0	0	0

8.5.4.8. Flow Rates



Timestamp	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Seconds				Flows/s	
0	0.00	0.00	0.00	0.00	0.00
0.936	2.137	0.00	0.00	2.137	2.137
1.944	~372	0.00	0.00	~372	~372
2.936	134.1	0.00	0.00	134.1	134.1
3.939	115.7	0.00	0.00	115.7	115.7
4.936	133.4	0.00	0.00	133.4	133.4
5.936	153	0.00	0.00	153	153
6.936	150	0.00	0.00	150	150
7.940	126.5	0.00	0.00	126.5	126.5
8.943	124.6	0.00	0.00	124.6	124.6
9.935	146.2	0.00	0.00	146.2	146.2
10.941	130.2	0.00	0.00	130.2	130.2
11.934	~138	0.00	0.00	~138	~138
12.940	110.3	0.00	0.00	110.3	110.3
13.937	115.3	0.00	0.00	115.3	115.3
14.938	119.9	0.00	0.00	119.9	119.9
15.937	131.1	0.00	0.00	131.1	131.1
16.937	138	0.00	0.00	138	138
17.935	130.3	0.00	0.00	130.3	130.3
18.935	127	0.00	0.00	127	127
19.935	117	0.00	0.00	117	117
20.936	148.9	0.00	0.00	148.9	148.9
21.935	118.1	0.00	0.00	118.1	118.1
22.933	138.3	0.00	0.00	138.3	138.3

Timestamp Seconds	TCP rate	UDP rate	SCTP rate	Total rate	Super Flow rate
Flows/s					
23.936	123.6	0.00	0.00	123.6	123.6
24.938	129.7	0.00	0.00	129.7	129.7
25.933	127.6	0.00	0.00	127.6	127.6
26.935	127.7	0.00	0.00	127.7	127.7
27.936	133.9	0.00	0.00	133.9	133.9
28.934	131.3	0.00	0.00	131.3	131.3
29.934	133	0.00	0.00	133	133
30.937	136.6	0.00	0.00	136.6	136.6
31.936	129.1	0.00	0.00	129.1	129.1
32.937	120.9	0.00	0.00	120.9	120.9
33.933	150.6	0.00	0.00	150.6	150.6
34.937	131.5	0.00	0.00	131.5	131.5
35.938	118.9	0.00	0.00	118.9	118.9
36.944	118.3	0.00	0.00	118.3	118.3
37.942	129.3	0.00	0.00	129.3	129.3
38.934	151.2	0.00	0.00	151.2	151.2
39.942	~129	0.00	0.00	~129	~129
40.936	120.7	0.00	0.00	120.7	120.7
41.934	130.3	0.00	0.00	130.3	130.3
42.937	143.6	0.00	0.00	143.6	143.6
43.936	106.1	0.00	0.00	106.1	106.1
44.937	127.9	0.00	0.00	127.9	127.9
45.935	129.3	0.00	0.00	129.3	129.3
46.945	140.6	0.00	0.00	140.6	140.6
47.939	130.8	0.00	0.00	130.8	130.8
48.934	131.7	0.00	0.00	131.7	131.7
49.939	126.4	0.00	0.00	126.4	126.4
50.944	123.4	0.00	0.00	123.4	123.4
51.933	140.5	0.00	0.00	140.5	140.5
52.938	132.3	0.00	0.00	132.3	132.3
53.943	116.4	0.00	0.00	116.4	116.4
54.949	133.2	0.00	0.00	133.2	133.2
55.935	148.1	0.00	0.00	148.1	148.1
56.935	129	0.00	0.00	129	129
57.938	124.6	0.00	0.00	124.6	124.6
58.934	139.6	0.00	0.00	139.6	139.6
59.933	126.1	0.00	0.00	126.1	126.1
60.948	127.1	0.00	0.00	127.1	127.1
61.934	0.00	0.00	0.00	0.00	0.00
62.942	0.00	0.00	0.00	0.00	0.00

8.5.4.9. Router

8.5.4.9.1. Router: 1

8.5.4.9.2. Router: 2

Timestamp	Router Discards	Unroutable IP Address	Bad IP Checksum	Bad Layer 4 Checksum	Bad IP Version	Bad IP Length	Bad IP Header Length	Bad IP Fragment	Bad IP TTL	Bad Ethernet FCS	No RX Queue	Unknown EtherType
Seconds	Frames											
62.942	311	0	0	0	0	0	0	0	0	0	0	0
63.622	311	0	0	0	0	0	0	0	0	0	0	0

8.6. System Controller 0 statistics

8.6.1. Component Description

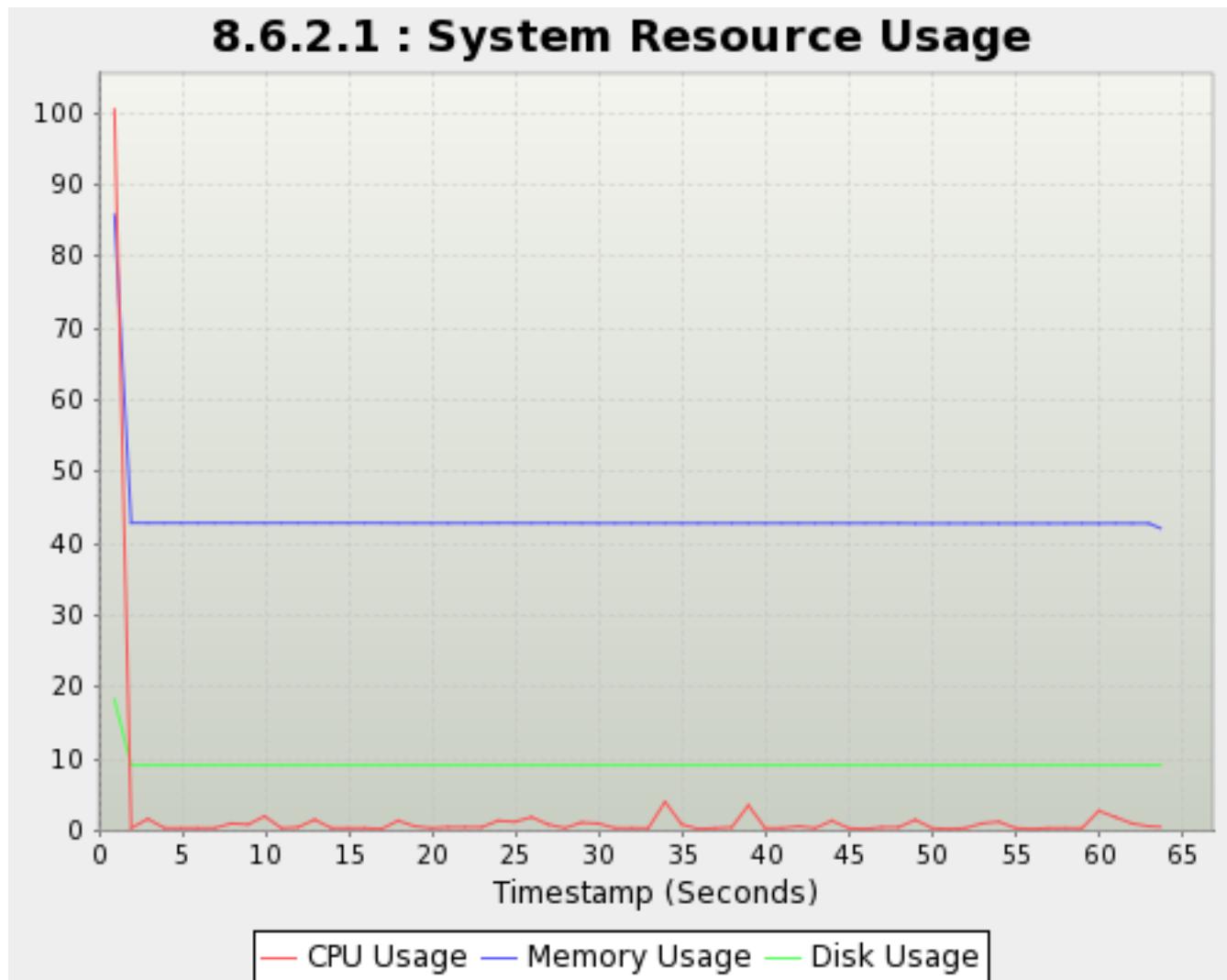
Component: Aggregate Statistics

This component measures aggregate system and network statistics.

Component	Resource Used
System Controller 0 statistics	sc0

8.6.2. Detail

8.6.2.1. System Resource Usage



Timestamp	CPU Usage	Memory Usage	Disk Usage
Seconds		Percent	
0.937	100.54	85.82	18.30
1.937	0.38	42.91	9.15
2.937	1.65	42.89	9.15
3.936	0.38	42.89	9.15
4.936	0.38	42.89	9.15
5.937	0.38	42.89	9.15
6.936	0.38	42.89	9.15
7.936	1.02	42.89	9.15
8.936	0.88	42.89	9.15
9.936	2.02	42.89	9.15
10.936	0.38	42.89	9.15
11.936	0.50	42.89	9.15
12.936	1.54	42.89	9.15
13.936	0.38	42.89	9.15
14.936	0.38	42.89	9.15
15.936	0.38	42.89	9.15
16.936	0.25	42.89	9.15
17.936	1.40	42.87	9.15
18.936	0.63	42.87	9.15
19.937	0.38	42.87	9.15
20.936	0.51	42.87	9.15
21.936	0.51	42.87	9.15
22.936	0.51	42.87	9.15
23.936	1.40	42.89	9.15

Timestamp Seconds	CPU Usage	Memory Usage Percent	Disk Usage
24.936	1.26	42.88	9.15
25.936	1.89	42.87	9.15
26.936	0.88	42.88	9.15
27.936	0.38	42.87	9.15
28.937	1.16	42.87	9.15
29.936	1.01	42.86	9.15
30.936	0.38	42.86	9.15
31.936	0.38	42.86	9.15
32.937	0.38	42.86	9.15
33.936	4.04	42.86	9.15
34.936	0.89	42.86	9.15
35.937	0.25	42.86	9.15
36.936	0.38	42.86	9.15
37.937	0.50	42.86	9.15
38.936	3.54	42.86	9.15
39.936	0.38	42.86	9.15
40.936	0.38	42.86	9.15
41.936	0.63	42.86	9.15
42.936	0.38	42.86	9.15
43.936	1.39	42.86	9.15
44.936	0.38	42.86	9.15
45.936	0.25	42.86	9.15
46.937	0.50	42.86	9.15
47.936	0.50	42.86	9.15
48.936	1.52	42.83	9.15
49.936	0.38	42.83	9.15
50.936	0.25	42.83	9.15
51.936	0.38	42.83	9.15
52.937	1.03	42.83	9.15
53.937	1.27	42.83	9.15
54.936	0.38	42.83	9.15
55.937	0.25	42.83	9.15
56.936	0.38	42.83	9.15
57.936	0.38	42.83	9.15
58.936	0.38	42.84	9.15
59.936	2.78	42.83	9.15
60.937	1.89	42.85	9.15
61.936	1.01	42.84	9.15
62.936	0.63	42.84	9.15
63.637	0.54	42.15	9.15