

Pantheon Report

Generated at 2018-03-06 19:00:16 (UTC).

Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

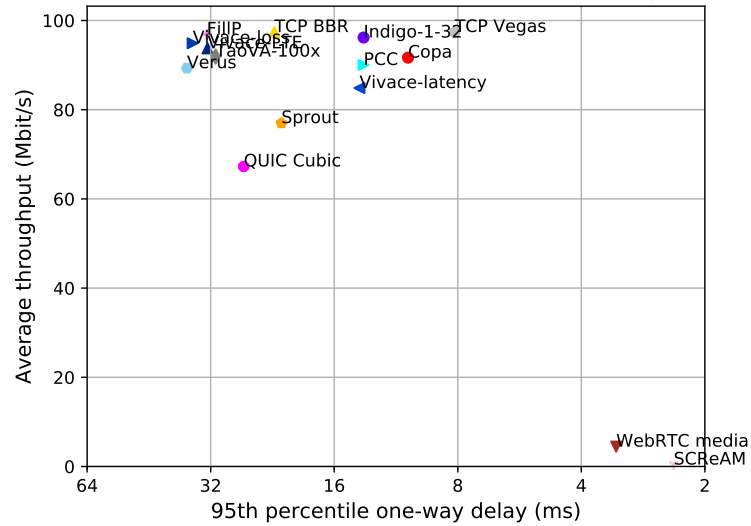
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

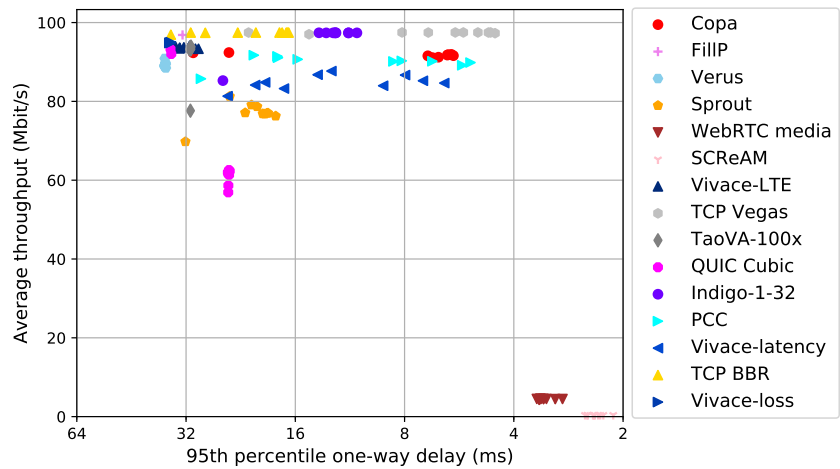
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



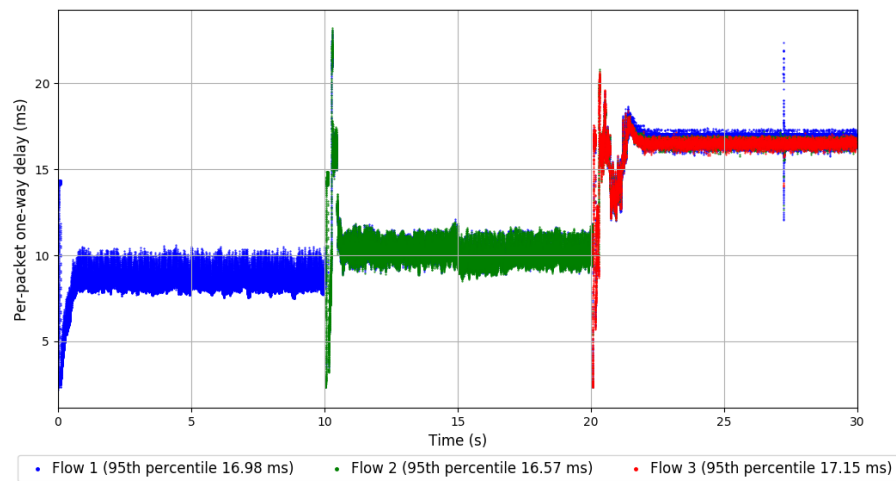
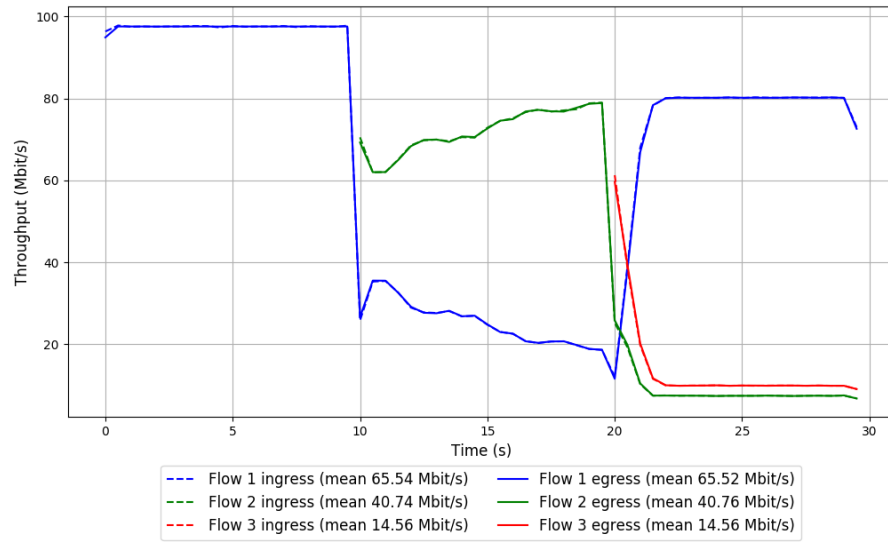
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	64.54	38.57	21.75	22.26	21.82	25.12	0.08	0.06	0.19
TCP Cubic	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LEDBAT	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCC	10	71.25	23.65	9.28	12.82	14.79	15.11	0.02	0.05	0.11
QUIC Cubic	10	12.06	62.89	43.29	10.76	26.56	26.65	0.01	0.10	0.30
SCReAM	10	0.22	0.22	0.22	2.38	2.37	2.38	0.00	0.00	0.00
WebRTC media	10	2.37	1.48	0.63	3.22	3.32	3.49	0.00	0.00	0.00
Sprout	10	43.60	36.46	27.74	20.32	21.44	23.27	0.03	0.07	0.23
TaoVA-100x	10	54.78	39.93	31.93	30.88	31.14	31.19	0.07	0.12	0.32
TCP Vegas	10	46.62	44.51	63.89	12.45	7.45	6.78	0.01	0.01	0.06
Verus	10	51.46	41.48	31.03	35.64	36.55	36.66	0.08	0.15	0.35
Copa	10	57.63	37.05	28.45	10.11	10.71	11.21	0.02	0.04	0.10
FillP	1	58.90	40.79	32.80	32.58	32.57	33.27	0.09	1.98	4.86
Indigo-1-32	10	44.81	44.16	67.40	11.93	13.52	14.28	0.00	0.04	0.14
Vivace-latency	10	55.88	31.70	24.02	8.79	16.19	21.03	0.01	0.02	0.10
Vivace-loss	4	58.45	41.13	29.16	34.66	35.51	35.48	0.61	2.06	2.45
Vivace-LTE	10	59.78	38.31	25.92	31.12	32.93	33.74	0.06	0.14	0.40

Run 1: Statistics of TCP BBR

Start at: 2018-03-06 11:49:12
End at: 2018-03-06 11:49:42
Local clock offset: -5.164 ms
Remote clock offset: -6.972 ms

Below is generated by plot.py at 2018-03-06 18:38:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 16.938 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 65.52 Mbit/s
95th percentile per-packet one-way delay: 16.978 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.76 Mbit/s
95th percentile per-packet one-way delay: 16.572 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 17.154 ms
Loss rate: 0.12%

Run 1: Report of TCP BBR — Data Link

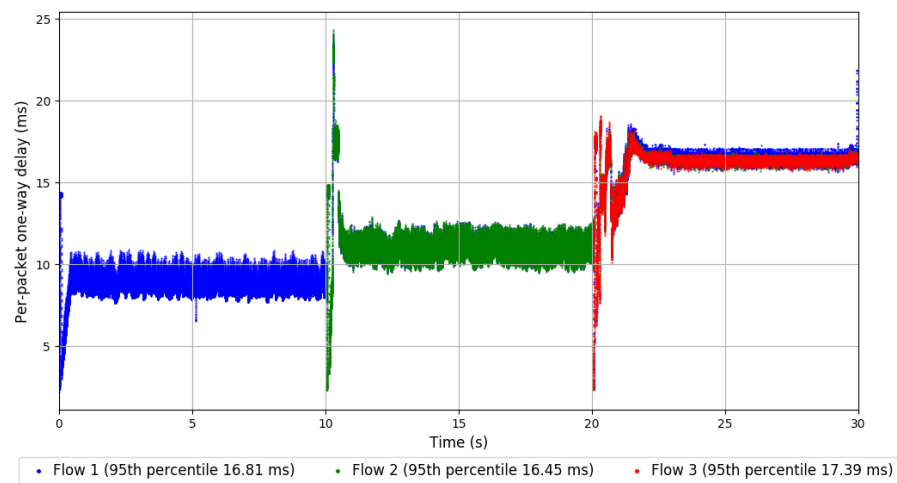
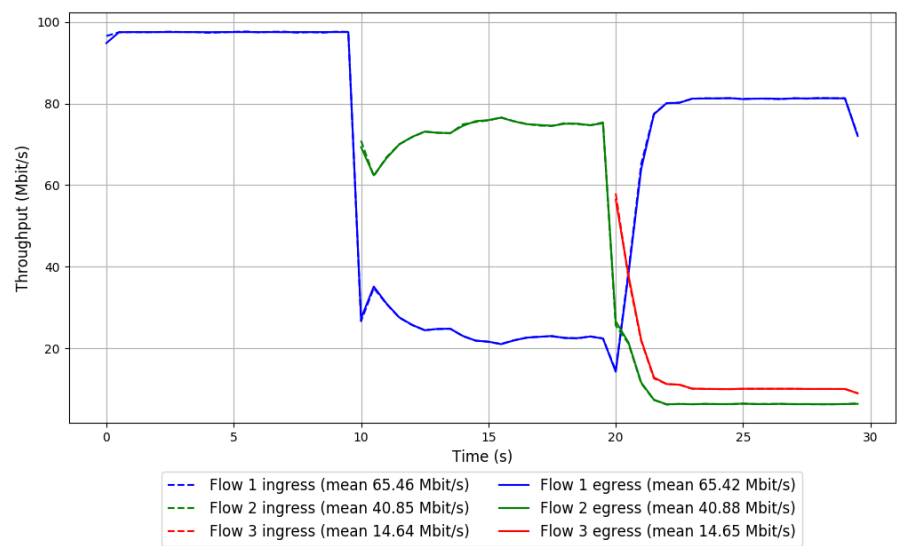


Run 2: Statistics of TCP BBR

Start at: 2018-03-06 12:09:38
End at: 2018-03-06 12:10:08
Local clock offset: -5.131 ms
Remote clock offset: -6.843 ms

Below is generated by plot.py at 2018-03-06 18:38:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 16.802 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 65.42 Mbit/s
95th percentile per-packet one-way delay: 16.814 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 16.453 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 14.65 Mbit/s
95th percentile per-packet one-way delay: 17.388 ms
Loss rate: 0.12%

Run 2: Report of TCP BBR — Data Link

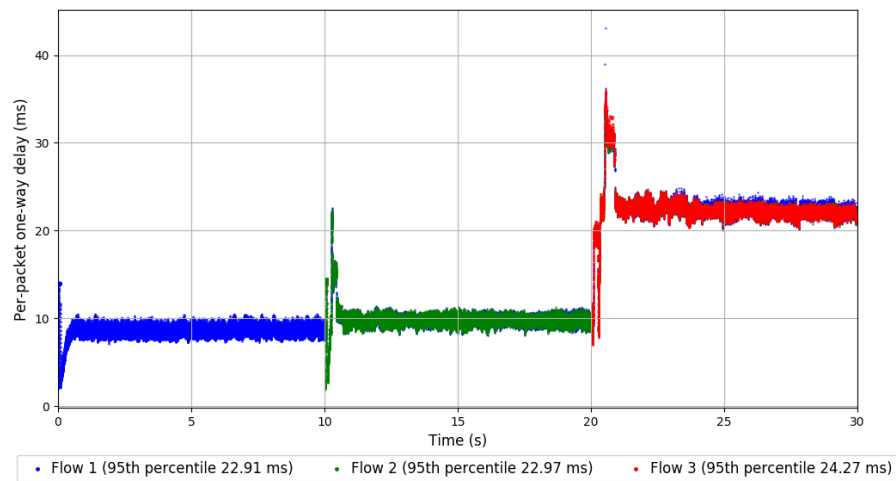
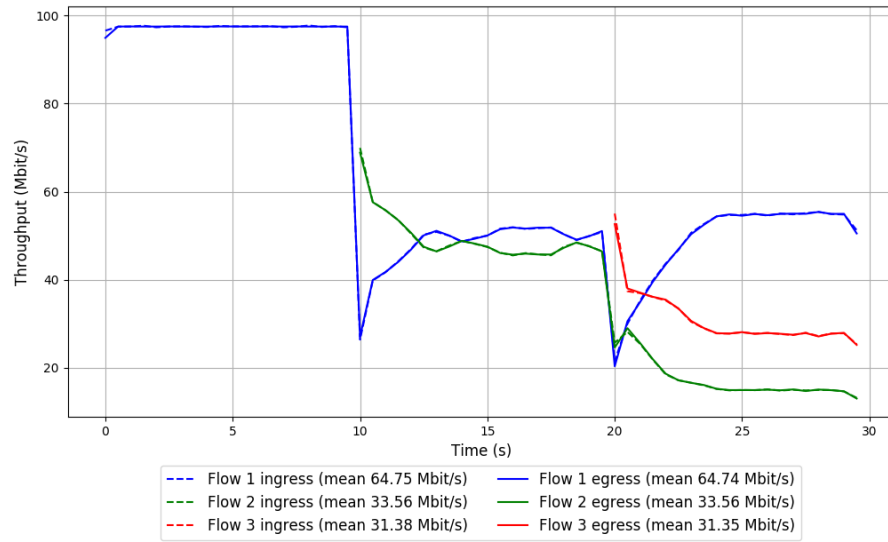


Run 3: Statistics of TCP BBR

Start at: 2018-03-06 12:30:07
End at: 2018-03-06 12:30:37
Local clock offset: -4.089 ms
Remote clock offset: -7.275 ms

Below is generated by plot.py at 2018-03-06 18:38:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 23.057 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 22.910 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 22.973 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 24.270 ms
Loss rate: 0.22%

Run 3: Report of TCP BBR — Data Link

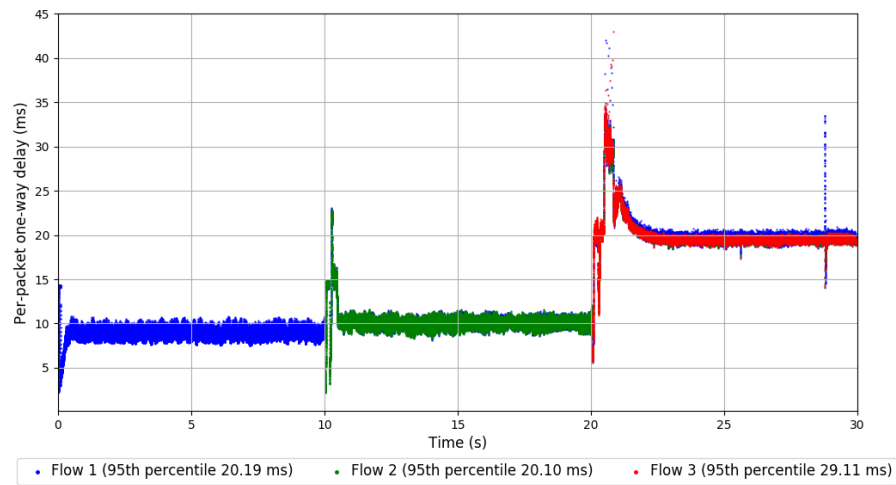
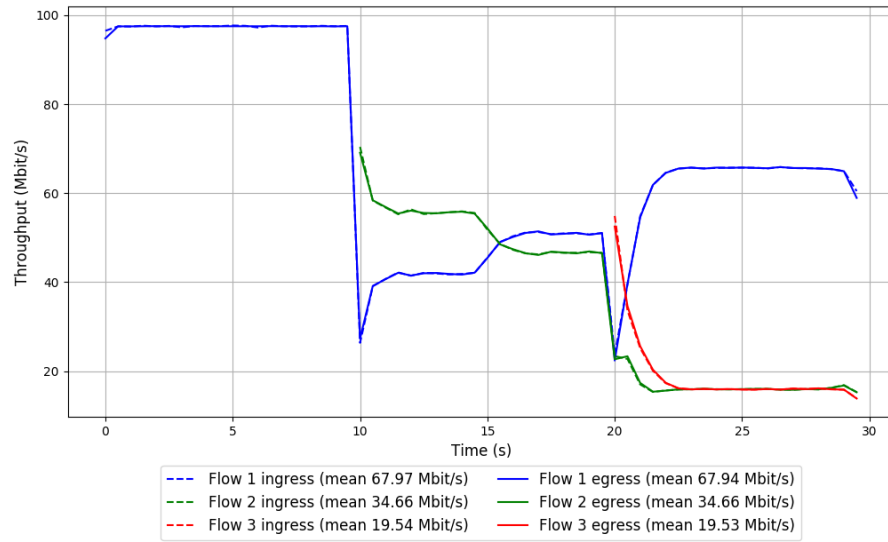


Run 4: Statistics of TCP BBR

Start at: 2018-03-06 12:50:32
End at: 2018-03-06 12:51:02
Local clock offset: -0.809 ms
Remote clock offset: -7.315 ms

Below is generated by plot.py at 2018-03-06 18:38:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 20.554 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 67.94 Mbit/s
95th percentile per-packet one-way delay: 20.192 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 34.66 Mbit/s
95th percentile per-packet one-way delay: 20.102 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 19.53 Mbit/s
95th percentile per-packet one-way delay: 29.113 ms
Loss rate: 0.18%

Run 4: Report of TCP BBR — Data Link

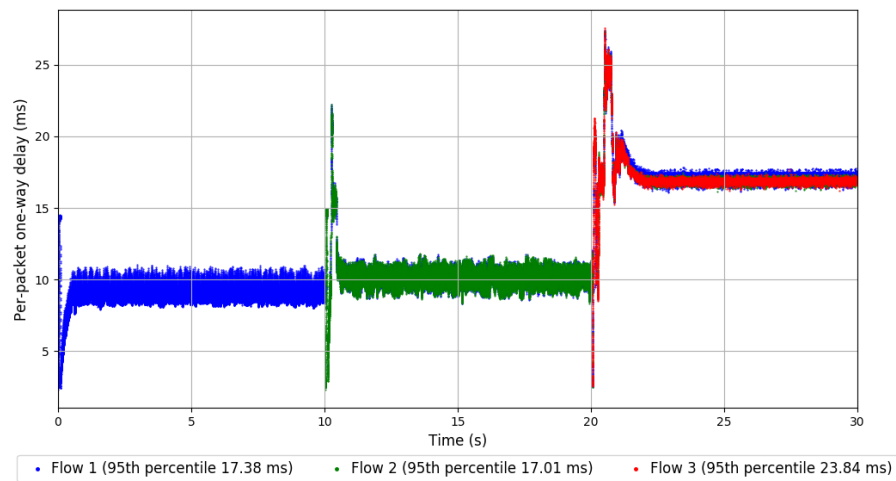
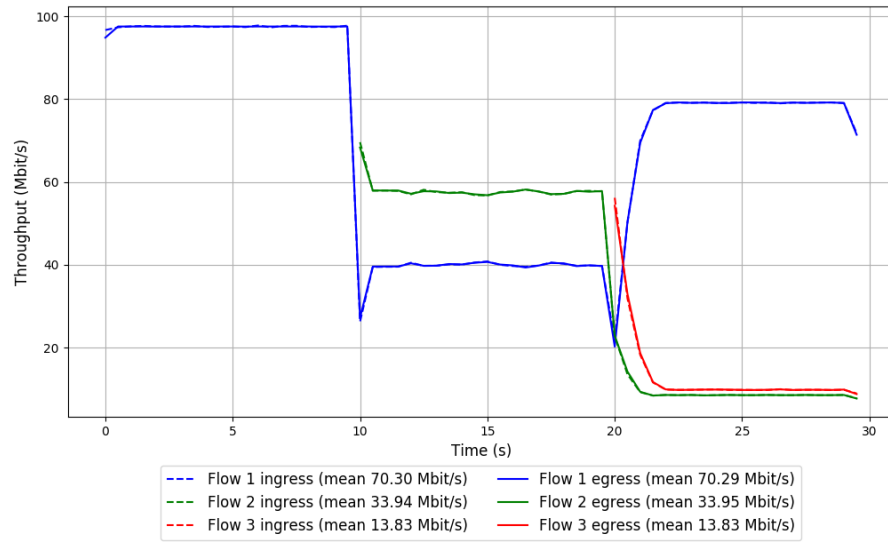


Run 5: Statistics of TCP BBR

Start at: 2018-03-06 13:10:59
End at: 2018-03-06 13:11:29
Local clock offset: -3.161 ms
Remote clock offset: -7.363 ms

Below is generated by plot.py at 2018-03-06 18:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 17.395 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 70.29 Mbit/s
95th percentile per-packet one-way delay: 17.377 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 33.95 Mbit/s
95th percentile per-packet one-way delay: 17.010 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 23.842 ms
Loss rate: 0.16%

Run 5: Report of TCP BBR — Data Link

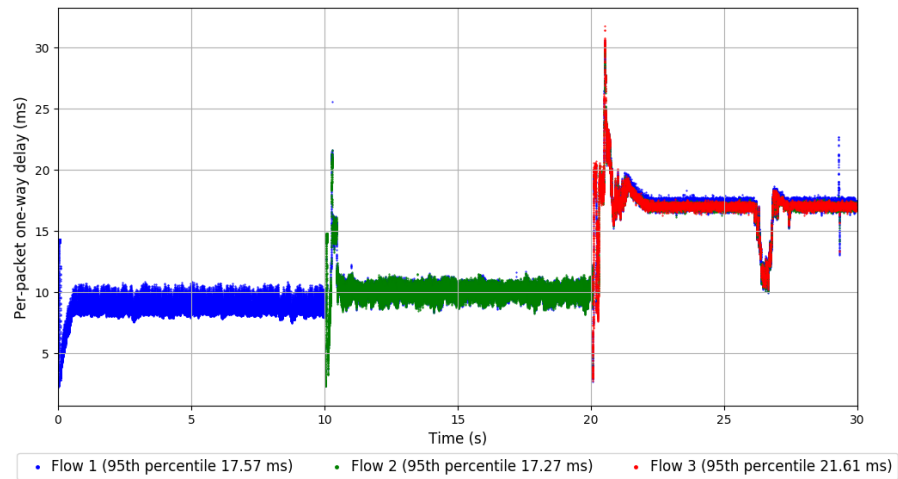
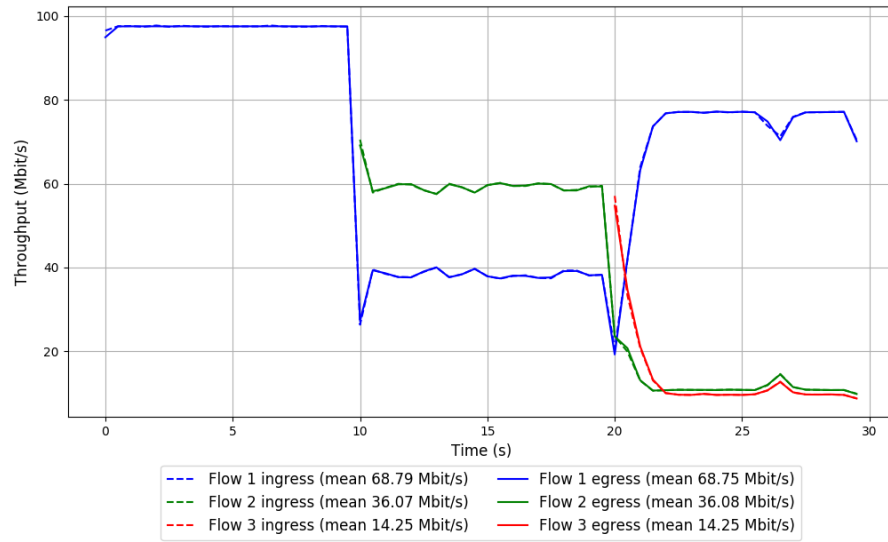


Run 6: Statistics of TCP BBR

Start at: 2018-03-06 13:31:25
End at: 2018-03-06 13:31:55
Local clock offset: -4.651 ms
Remote clock offset: -7.167 ms

Below is generated by plot.py at 2018-03-06 18:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 17.690 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 68.75 Mbit/s
95th percentile per-packet one-way delay: 17.572 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 17.265 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 14.25 Mbit/s
95th percentile per-packet one-way delay: 21.613 ms
Loss rate: 0.14%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-03-06 13:51:52

End at: 2018-03-06 13:52:22

Local clock offset: -5.977 ms

Remote clock offset: -7.05 ms

Below is generated by plot.py at 2018-03-06 18:38:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 35.246 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 44.42 Mbit/s

95th percentile per-packet one-way delay: 34.777 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 60.71 Mbit/s

95th percentile per-packet one-way delay: 35.332 ms

Loss rate: 0.31%

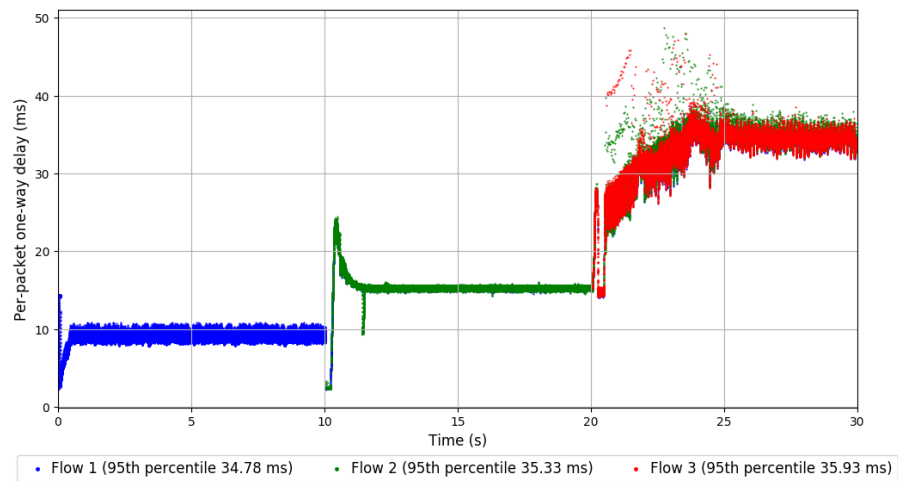
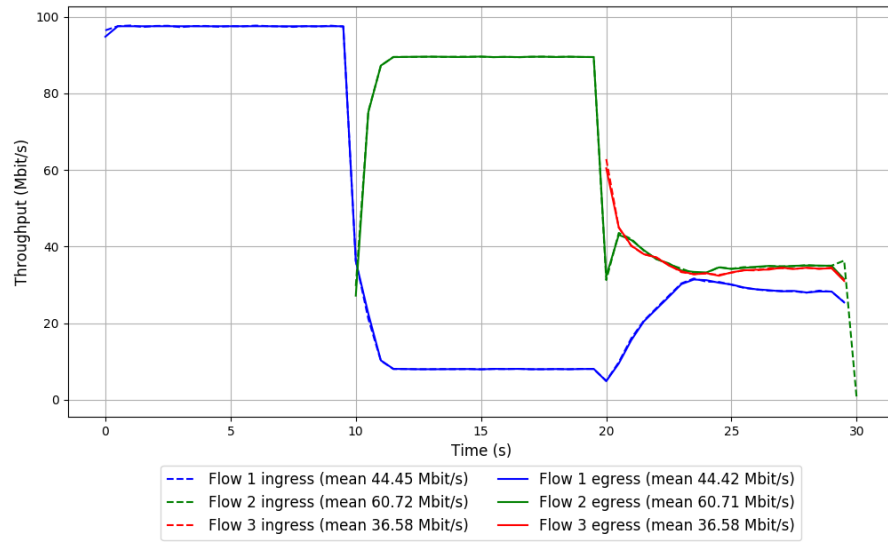
-- Flow 3:

Average throughput: 36.58 Mbit/s

95th percentile per-packet one-way delay: 35.933 ms

Loss rate: 0.37%

Run 7: Report of TCP BBR — Data Link

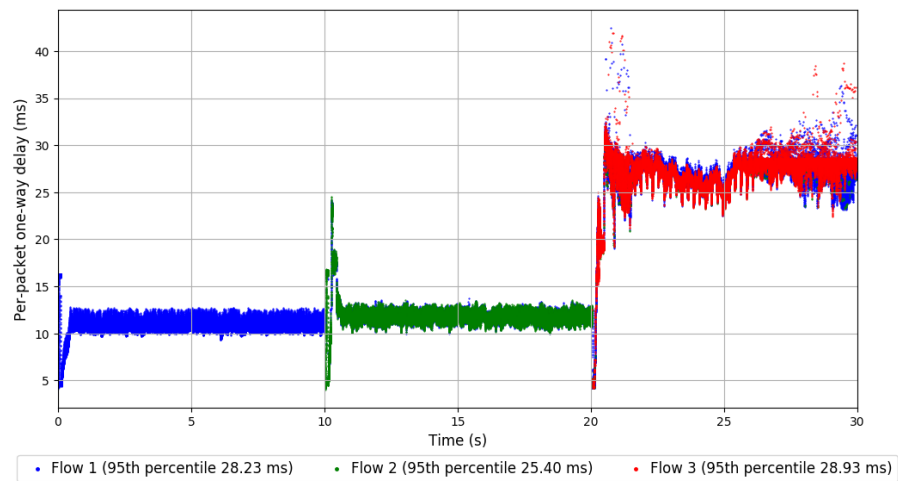
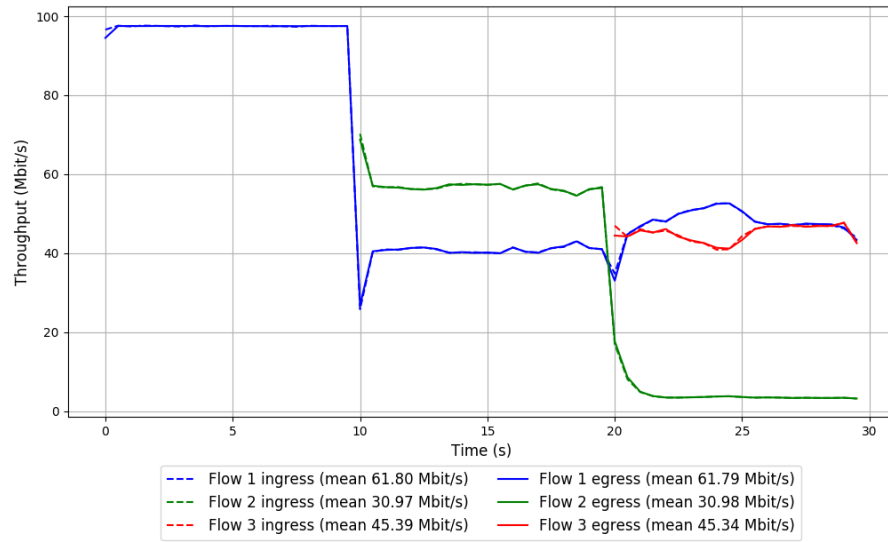


Run 8: Statistics of TCP BBR

Start at: 2018-03-06 14:12:17
End at: 2018-03-06 14:12:47
Local clock offset: -5.721 ms
Remote clock offset: -9.011 ms

Below is generated by plot.py at 2018-03-06 18:38:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 28.323 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 28.226 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 30.98 Mbit/s
95th percentile per-packet one-way delay: 25.401 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 45.34 Mbit/s
95th percentile per-packet one-way delay: 28.935 ms
Loss rate: 0.31%

Run 8: Report of TCP BBR — Data Link

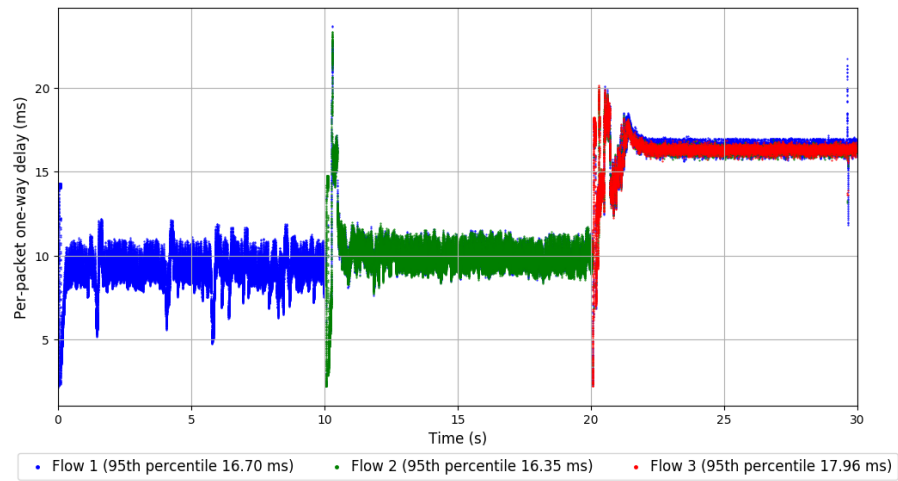
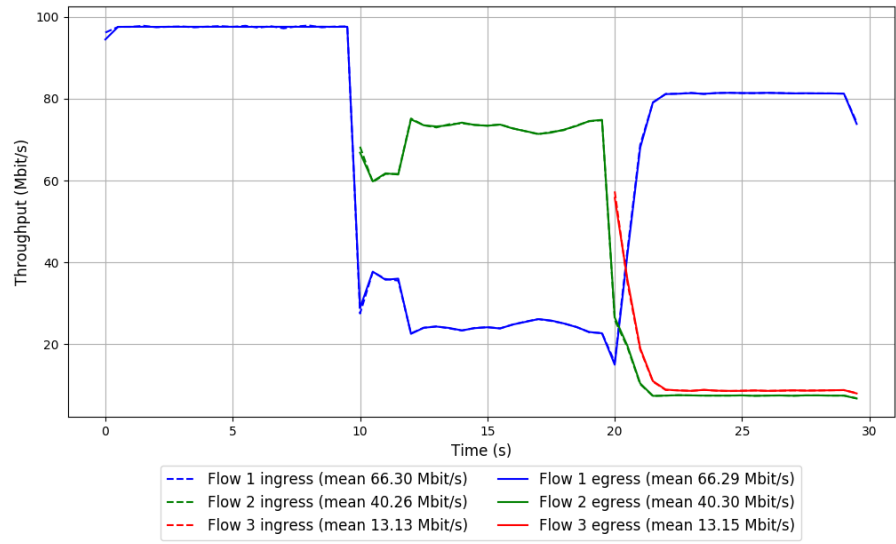


Run 9: Statistics of TCP BBR

Start at: 2018-03-06 14:32:41
End at: 2018-03-06 14:33:11
Local clock offset: -3.535 ms
Remote clock offset: -6.559 ms

Below is generated by plot.py at 2018-03-06 18:40:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 16.693 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 66.29 Mbit/s
95th percentile per-packet one-way delay: 16.703 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.30 Mbit/s
95th percentile per-packet one-way delay: 16.348 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 17.964 ms
Loss rate: 0.14%

Run 9: Report of TCP BBR — Data Link

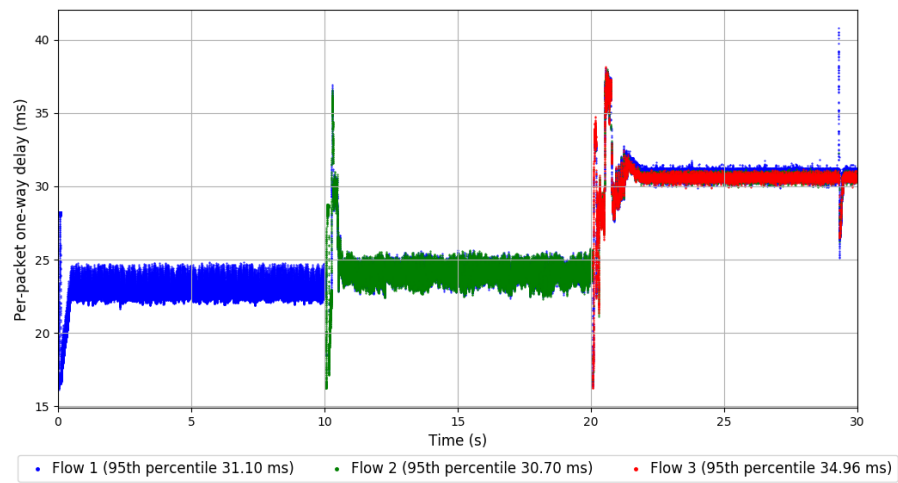
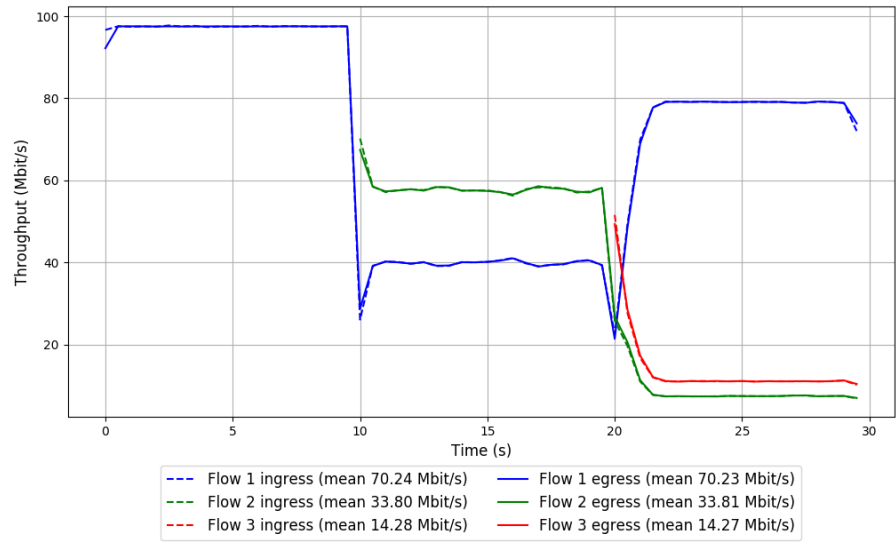


Run 10: Statistics of TCP BBR

Start at: 2018-03-06 14:53:05
End at: 2018-03-06 14:53:35
Local clock offset: -3.541 ms
Remote clock offset: -20.05 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 31.075 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 70.23 Mbit/s
95th percentile per-packet one-way delay: 31.099 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 33.81 Mbit/s
95th percentile per-packet one-way delay: 30.699 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 14.27 Mbit/s
95th percentile per-packet one-way delay: 34.957 ms
Loss rate: 0.15%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-03-06 11:56:02

End at: 2018-03-06 11:56:32

Local clock offset: -5.132 ms

Remote clock offset: -6.916 ms

Run 1: Report of TCP Cubic — Data Link

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Run 2: Statistics of TCP Cubic

Start at: 2018-03-06 12:16:28

End at: 2018-03-06 12:16:58

Local clock offset: -5.067 ms

Remote clock offset: -7.071 ms

Run 2: Report of TCP Cubic — Data Link

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Run 3: Statistics of TCP Cubic

Start at: 2018-03-06 12:36:55

End at: 2018-03-06 12:37:25

Local clock offset: -2.407 ms

Remote clock offset: -7.36 ms

Run 3: Report of TCP Cubic — Data Link

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Run 4: Statistics of TCP Cubic

Start at: 2018-03-06 12:57:22

End at: 2018-03-06 12:57:52

Local clock offset: -0.258 ms

Remote clock offset: -7.344 ms

Run 4: Report of TCP Cubic — Data Link

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Run 5: Statistics of TCP Cubic

Start at: 2018-03-06 13:17:47

End at: 2018-03-06 13:18:17

Local clock offset: -4.077 ms

Remote clock offset: -7.373 ms

Run 5: Report of TCP Cubic — Data Link

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Run 6: Statistics of TCP Cubic

Start at: 2018-03-06 13:38:15

End at: 2018-03-06 13:38:45

Local clock offset: -5.089 ms

Remote clock offset: -7.115 ms

Run 6: Report of TCP Cubic — Data Link

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Run 7: Statistics of TCP Cubic

Start at: 2018-03-06 13:58:40

End at: 2018-03-06 13:59:10

Local clock offset: -6.19 ms

Remote clock offset: -7.024 ms

Run 7: Report of TCP Cubic — Data Link

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Run 8: Statistics of TCP Cubic

Start at: 2018-03-06 14:19:04

End at: 2018-03-06 14:19:34

Local clock offset: -4.531 ms

Remote clock offset: -6.86 ms

Run 8: Report of TCP Cubic — Data Link

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Run 9: Statistics of TCP Cubic

Start at: 2018-03-06 14:39:29

End at: 2018-03-06 14:39:59

Local clock offset: -3.213 ms

Remote clock offset: -6.403 ms

Run 9: Report of TCP Cubic — Data Link

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Run 10: Statistics of TCP Cubic

Start at: 2018-03-06 14:59:53

End at: 2018-03-06 15:00:23

Local clock offset: -3.631 ms

Remote clock offset: -6.174 ms

Run 10: Report of TCP Cubic — Data Link

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Figure is missing

Run 1: Statistics of LEDBAT

Start at: 2018-03-06 11:45:51

End at: 2018-03-06 11:46:21

Local clock offset: -5.143 ms

Remote clock offset: -6.987 ms

Run 1: Report of LEDBAT — Data Link

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Figure is missing

Run 2: Statistics of LEDBAT

Start at: 2018-03-06 12:06:17

End at: 2018-03-06 12:06:47

Local clock offset: -5.096 ms

Remote clock offset: -6.831 ms

Run 2: Report of LEDBAT — Data Link

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Figure is missing

Run 3: Statistics of LEDBAT

Start at: 2018-03-06 12:26:46

End at: 2018-03-06 12:27:16

Local clock offset: -5.039 ms

Remote clock offset: -7.322 ms

Run 3: Report of LEDBAT — Data Link

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Figure is missing

Run 4: Statistics of LEDBAT

Start at: 2018-03-06 12:47:11

End at: 2018-03-06 12:47:41

Local clock offset: -1.12 ms

Remote clock offset: -7.312 ms

Run 4: Report of LEDBAT — Data Link

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Figure is missing

Run 5: Statistics of LEDBAT

Start at: 2018-03-06 13:07:38

End at: 2018-03-06 13:08:08

Local clock offset: -2.442 ms

Remote clock offset: -7.372 ms

Run 5: Report of LEDBAT — Data Link

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Figure is missing

Run 6: Statistics of LEDBAT

Start at: 2018-03-06 13:28:03

End at: 2018-03-06 13:28:33

Local clock offset: -4.492 ms

Remote clock offset: -7.283 ms

Run 6: Report of LEDBAT — Data Link

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Figure is missing

Run 7: Statistics of LEDBAT

Start at: 2018-03-06 13:48:30

End at: 2018-03-06 13:49:00

Local clock offset: -5.884 ms

Remote clock offset: -7.079 ms

Run 7: Report of LEDBAT — Data Link

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Figure is missing

Run 8: Statistics of LEDBAT

Start at: 2018-03-06 14:08:55

End at: 2018-03-06 14:09:25

Local clock offset: -6.458 ms

Remote clock offset: -6.946 ms

Run 8: Report of LEDBAT — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of LEDBAT

Start at: 2018-03-06 14:29:20

End at: 2018-03-06 14:29:50

Local clock offset: -3.614 ms

Remote clock offset: -6.699 ms

Run 9: Report of LEDBAT — Data Link

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Figure is missing

Run 10: Statistics of LEDBAT

Start at: 2018-03-06 14:49:44

End at: 2018-03-06 14:50:14

Local clock offset: -3.521 ms

Remote clock offset: -6.232 ms

Run 10: Report of LEDBAT — Data Link

Figure is missing

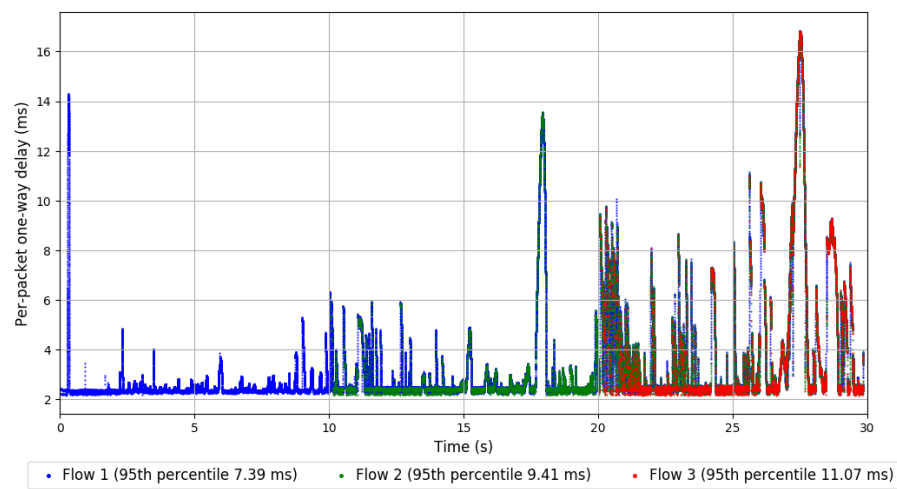
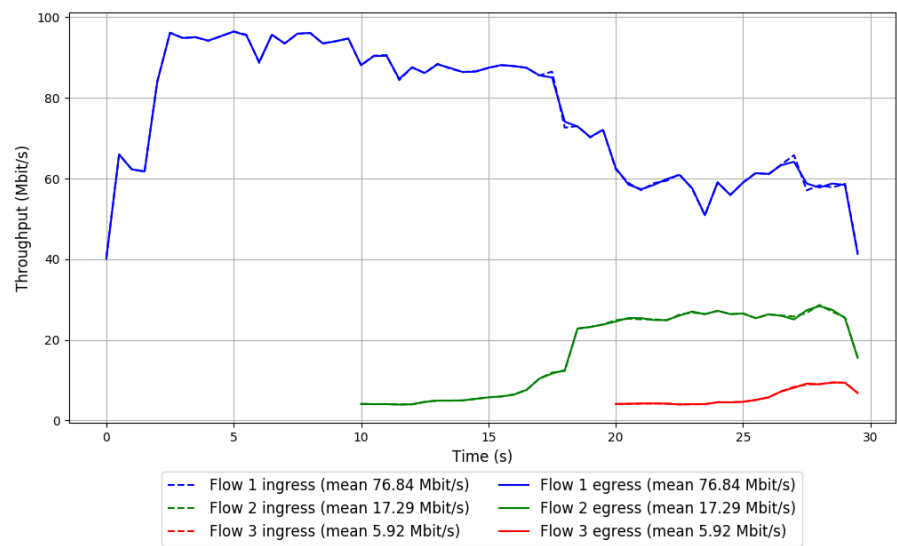
Figure is missing

Run 1: Statistics of PCC

Start at: 2018-03-06 12:04:04
End at: 2018-03-06 12:04:34
Local clock offset: -5.093 ms
Remote clock offset: -6.849 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 8.141 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 7.389 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 17.29 Mbit/s
95th percentile per-packet one-way delay: 9.412 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 5.92 Mbit/s
95th percentile per-packet one-way delay: 11.070 ms
Loss rate: 0.10%

Run 1: Report of PCC — Data Link

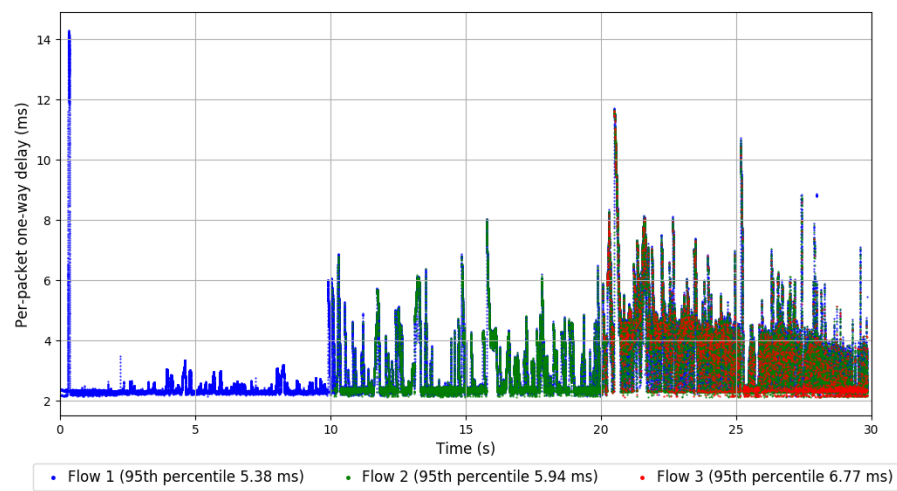
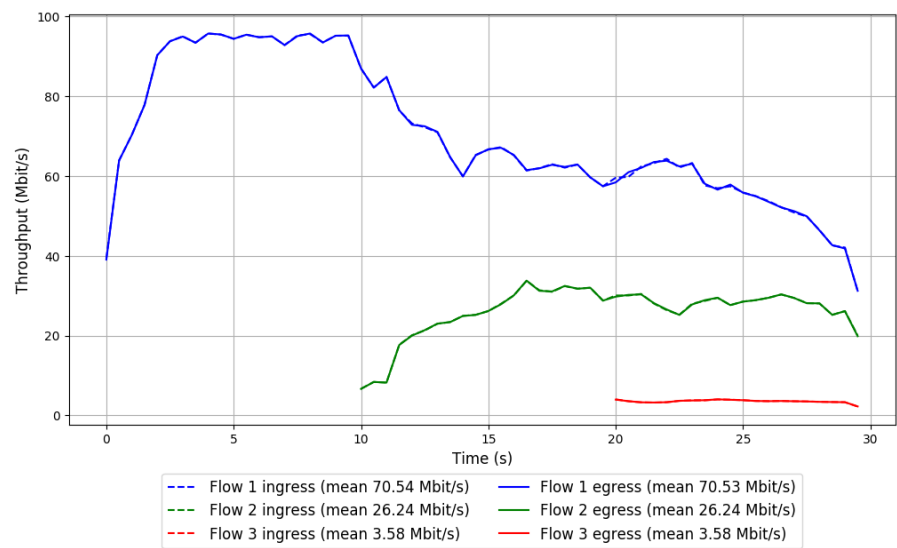


Run 2: Statistics of PCC

Start at: 2018-03-06 12:24:31
End at: 2018-03-06 12:25:01
Local clock offset: -5.064 ms
Remote clock offset: -7.232 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 5.548 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 5.385 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.24 Mbit/s
95th percentile per-packet one-way delay: 5.936 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 3.58 Mbit/s
95th percentile per-packet one-way delay: 6.770 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

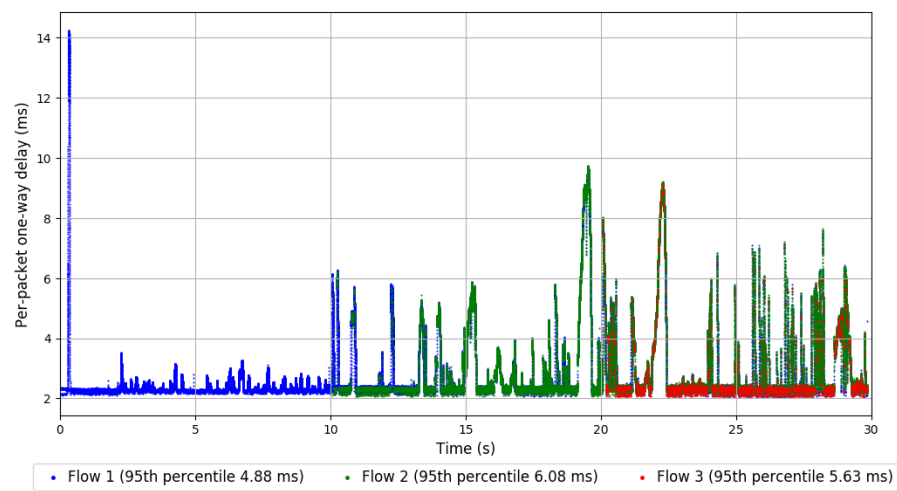
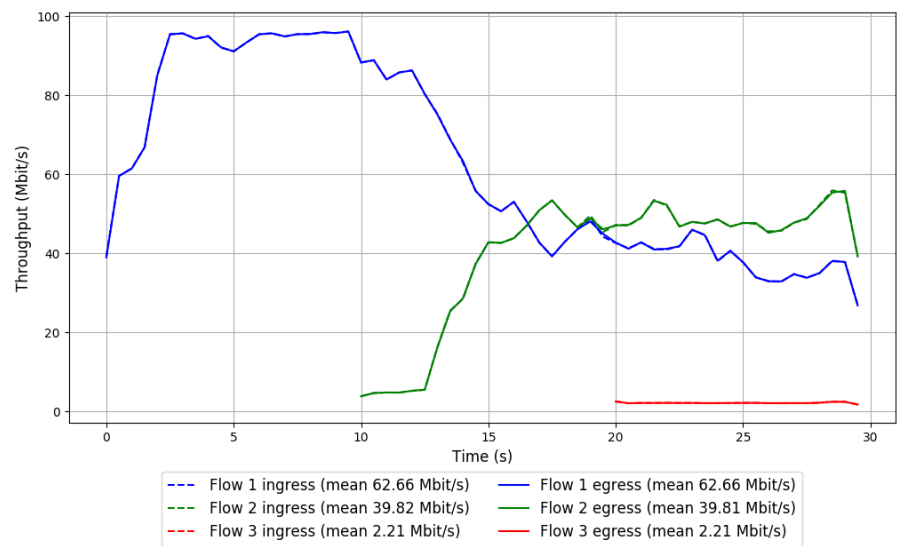


Run 3: Statistics of PCC

Start at: 2018-03-06 12:44:58
End at: 2018-03-06 12:45:28
Local clock offset: -1.399 ms
Remote clock offset: -7.369 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 5.264 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 62.66 Mbit/s
95th percentile per-packet one-way delay: 4.882 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 6.081 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 5.634 ms
Loss rate: 0.06%

Run 3: Report of PCC — Data Link

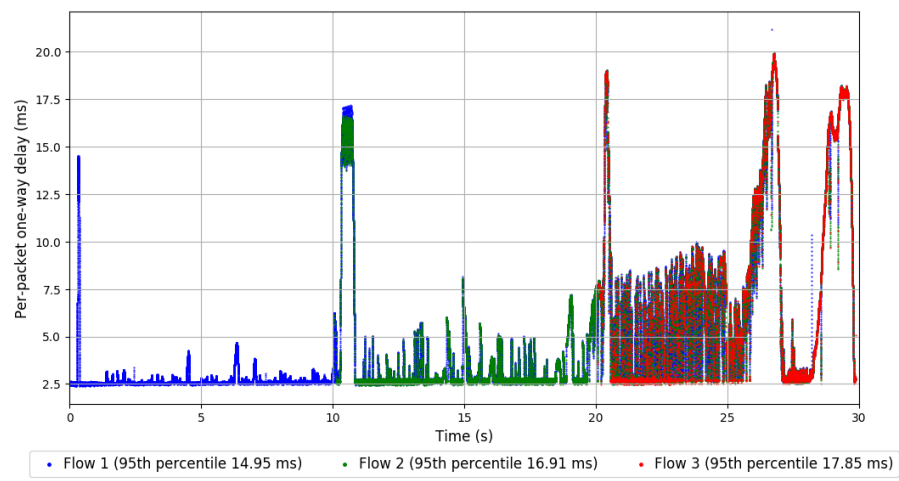
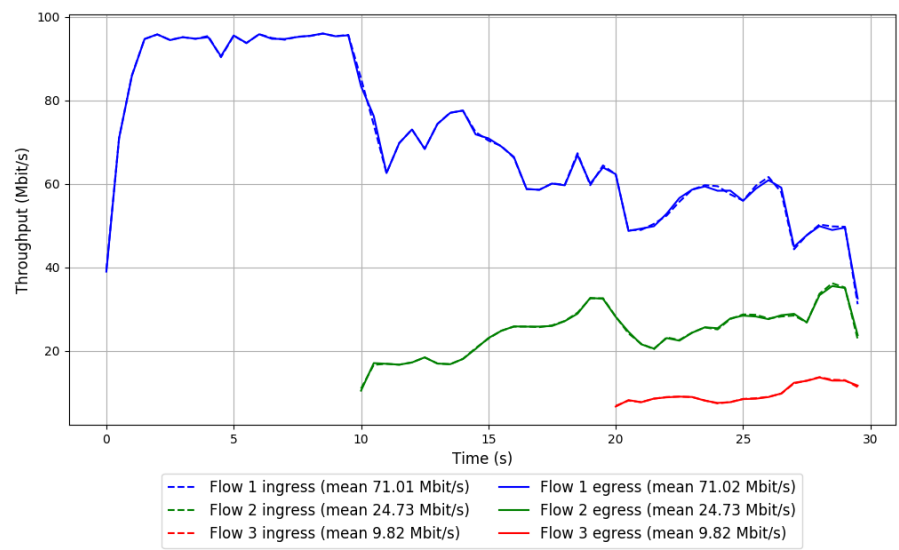


Run 4: Statistics of PCC

Start at: 2018-03-06 13:05:24
End at: 2018-03-06 13:05:54
Local clock offset: -1.724 ms
Remote clock offset: -7.368 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 15.757 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 71.02 Mbit/s
95th percentile per-packet one-way delay: 14.945 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 16.915 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 9.82 Mbit/s
95th percentile per-packet one-way delay: 17.851 ms
Loss rate: 0.08%

Run 4: Report of PCC — Data Link

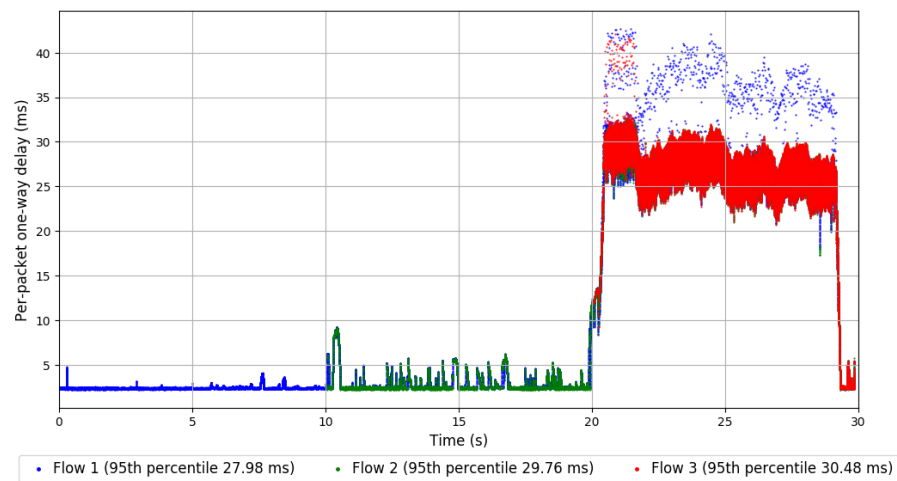
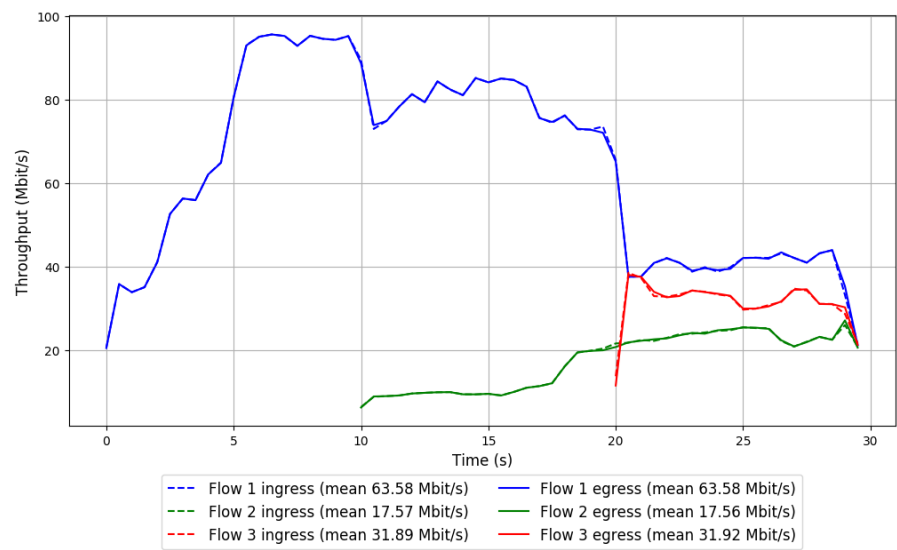


Run 5: Statistics of PCC

Start at: 2018-03-06 13:25:50
End at: 2018-03-06 13:26:20
Local clock offset: -4.43 ms
Remote clock offset: -7.254 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 29.112 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 63.58 Mbit/s
95th percentile per-packet one-way delay: 27.983 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 17.56 Mbit/s
95th percentile per-packet one-way delay: 29.759 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 30.480 ms
Loss rate: 0.07%

Run 5: Report of PCC — Data Link

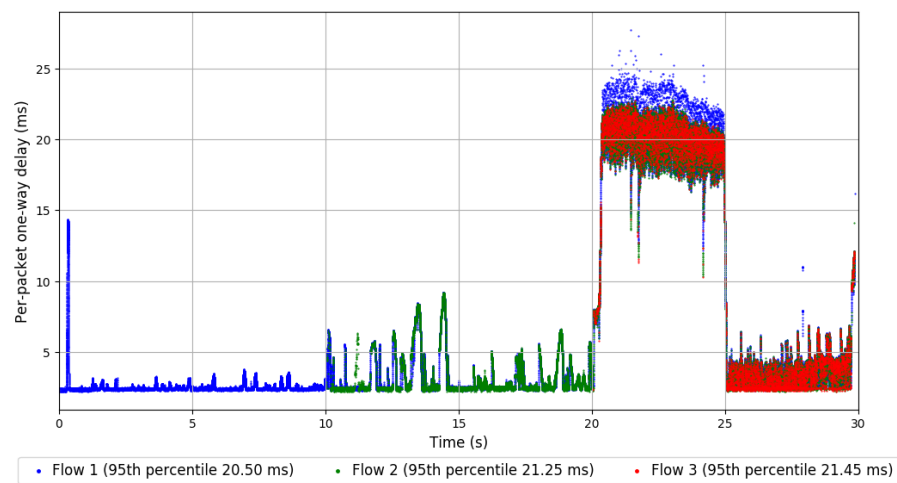
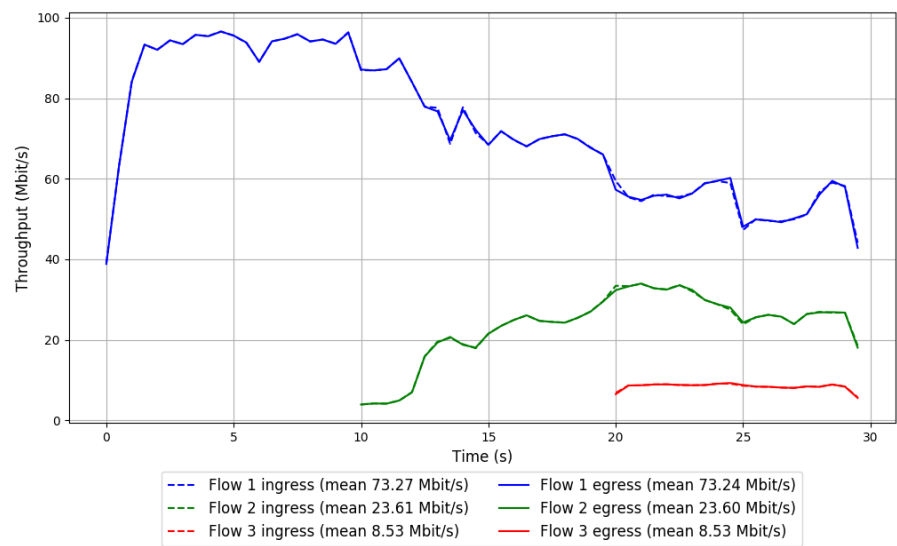


Run 6: Statistics of PCC

Start at: 2018-03-06 13:46:17
End at: 2018-03-06 13:46:47
Local clock offset: -5.695 ms
Remote clock offset: -7.104 ms

Below is generated by plot.py at 2018-03-06 18:40:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 20.816 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 73.24 Mbit/s
95th percentile per-packet one-way delay: 20.498 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 23.60 Mbit/s
95th percentile per-packet one-way delay: 21.253 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 21.449 ms
Loss rate: 0.13%

Run 6: Report of PCC — Data Link

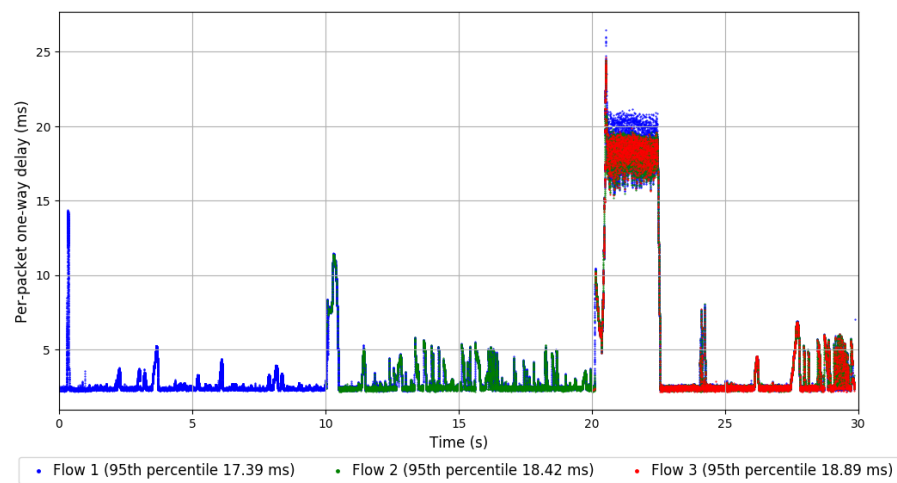
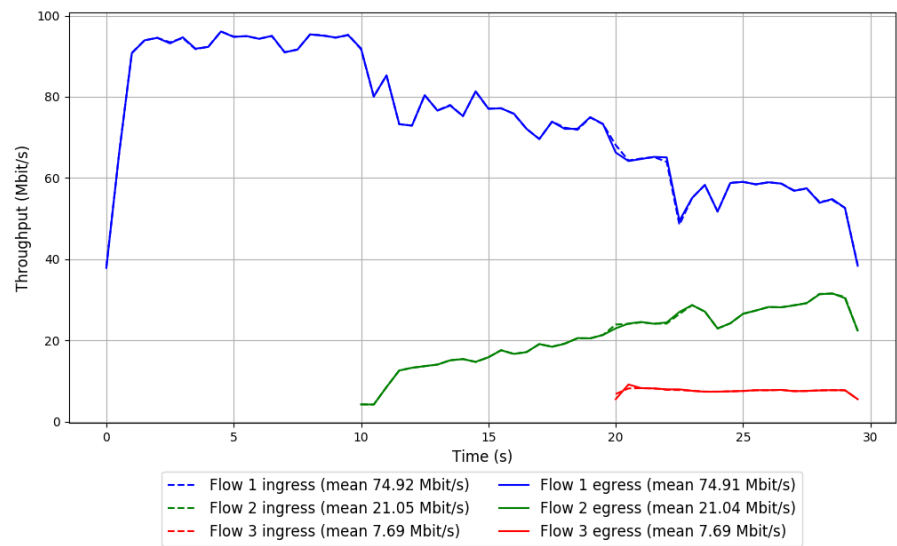


Run 7: Statistics of PCC

Start at: 2018-03-06 14:06:42
End at: 2018-03-06 14:07:12
Local clock offset: -6.401 ms
Remote clock offset: -6.966 ms

Below is generated by plot.py at 2018-03-06 18:41:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 17.913 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 74.91 Mbit/s
95th percentile per-packet one-way delay: 17.393 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 21.04 Mbit/s
95th percentile per-packet one-way delay: 18.421 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 18.895 ms
Loss rate: 0.03%

Run 7: Report of PCC — Data Link

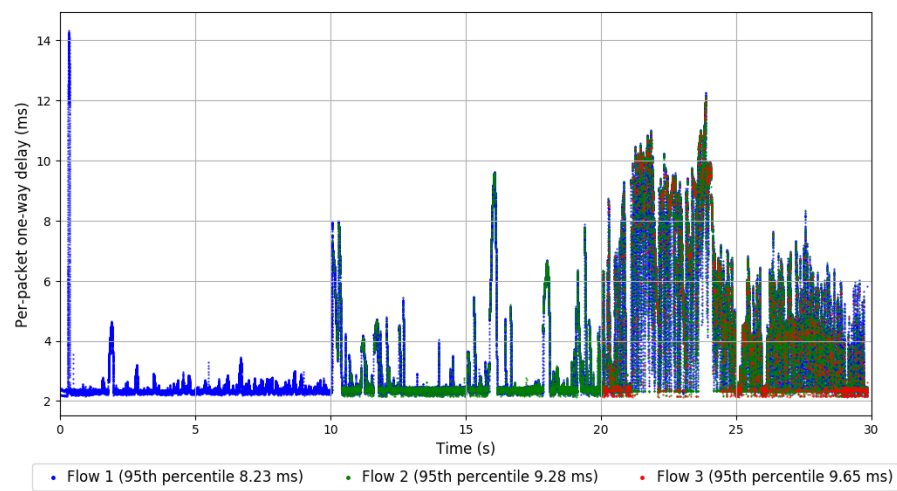
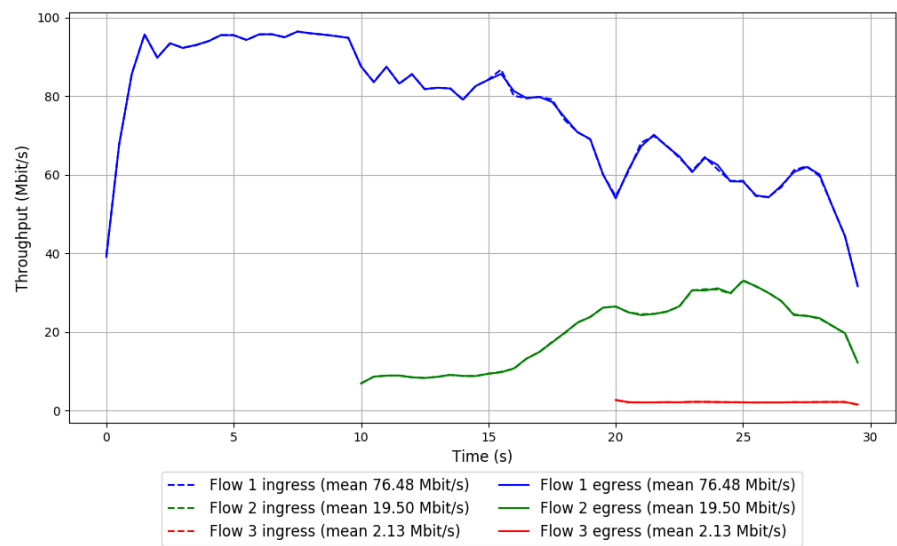


Run 8: Statistics of PCC

Start at: 2018-03-06 14:27:06
End at: 2018-03-06 14:27:36
Local clock offset: -3.819 ms
Remote clock offset: -6.875 ms

Below is generated by plot.py at 2018-03-06 18:41:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.14 Mbit/s
95th percentile per-packet one-way delay: 8.585 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 76.48 Mbit/s
95th percentile per-packet one-way delay: 8.234 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 19.50 Mbit/s
95th percentile per-packet one-way delay: 9.280 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 9.651 ms
Loss rate: 0.00%

Run 8: Report of PCC — Data Link

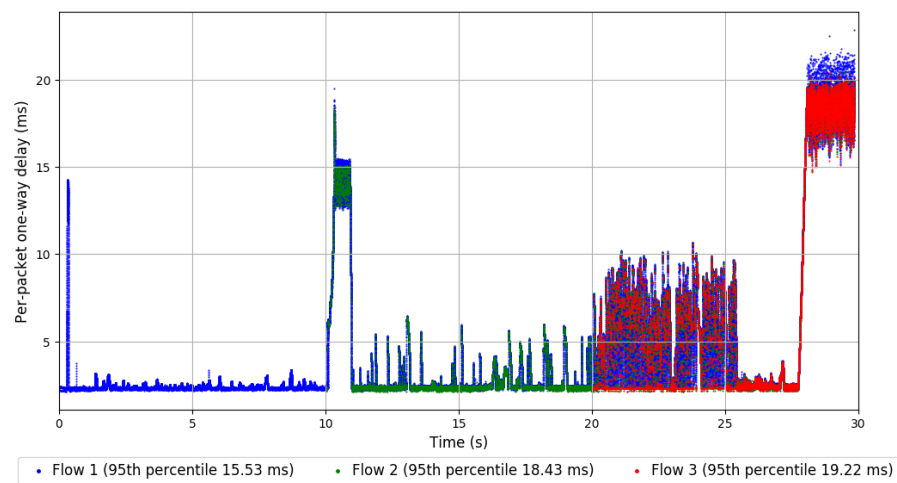
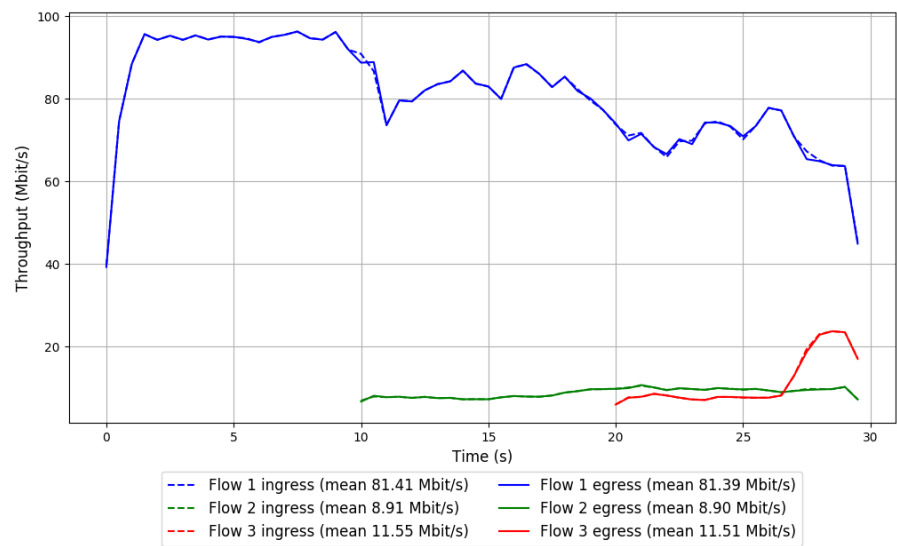


Run 9: Statistics of PCC

Start at: 2018-03-06 14:47:30
End at: 2018-03-06 14:48:00
Local clock offset: -3.415 ms
Remote clock offset: -6.271 ms

Below is generated by plot.py at 2018-03-06 18:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 17.858 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.39 Mbit/s
95th percentile per-packet one-way delay: 15.528 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 18.434 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 19.219 ms
Loss rate: 0.44%

Run 9: Report of PCC — Data Link

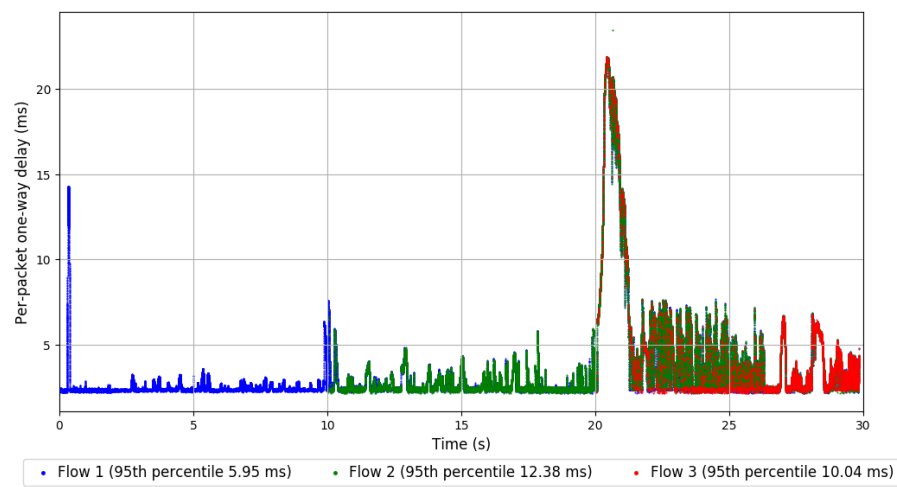
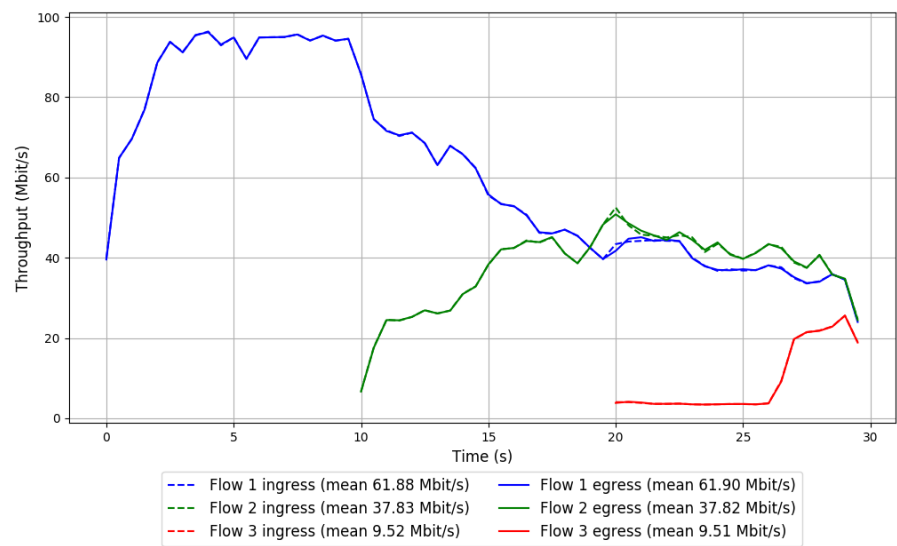


Run 10: Statistics of PCC

Start at: 2018-03-06 15:07:54
End at: 2018-03-06 15:08:24
Local clock offset: -3.657 ms
Remote clock offset: -6.231 ms

Below is generated by plot.py at 2018-03-06 18:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 6.707 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 5.945 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 12.380 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 9.51 Mbit/s
95th percentile per-packet one-way delay: 10.041 ms
Loss rate: 0.18%

Run 10: Report of PCC — Data Link

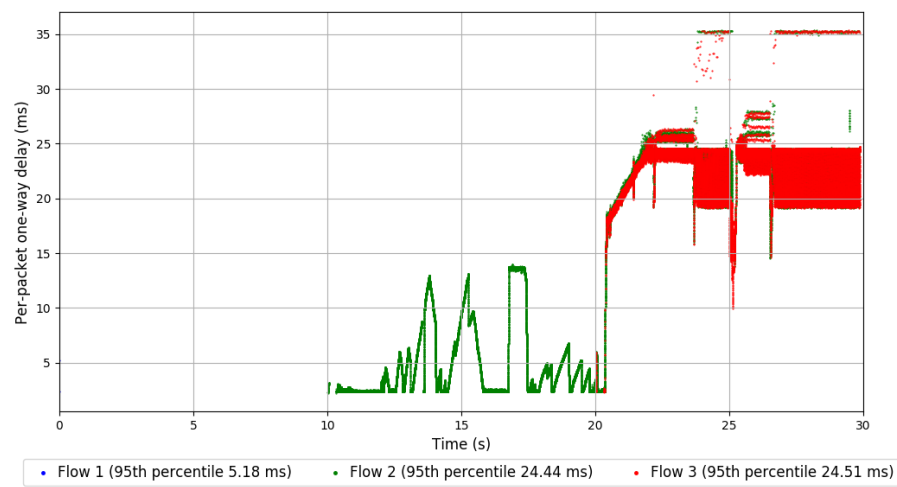
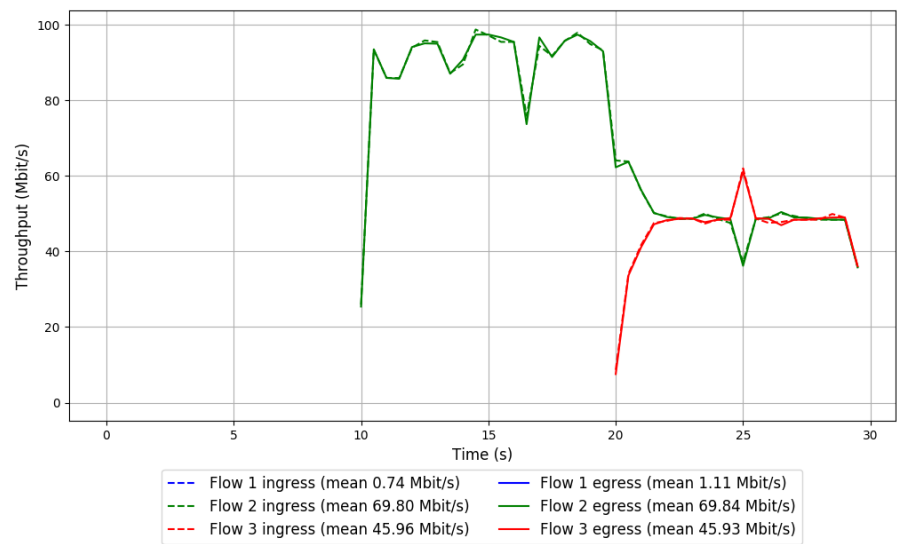


Run 1: Statistics of QUIC Cubic

Start at: 2018-03-06 11:58:18
End at: 2018-03-06 11:58:48
Local clock offset: -5.101 ms
Remote clock offset: -6.896 ms

Below is generated by plot.py at 2018-03-06 18:41:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.57 Mbit/s
95th percentile per-packet one-way delay: 24.471 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 5.176 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.84 Mbit/s
95th percentile per-packet one-way delay: 24.442 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 24.508 ms
Loss rate: 0.26%

Run 1: Report of QUIC Cubic — Data Link

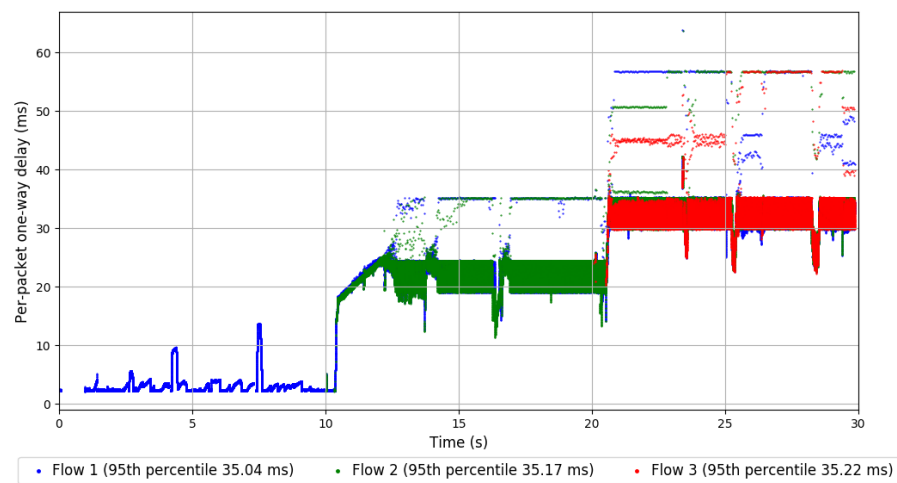
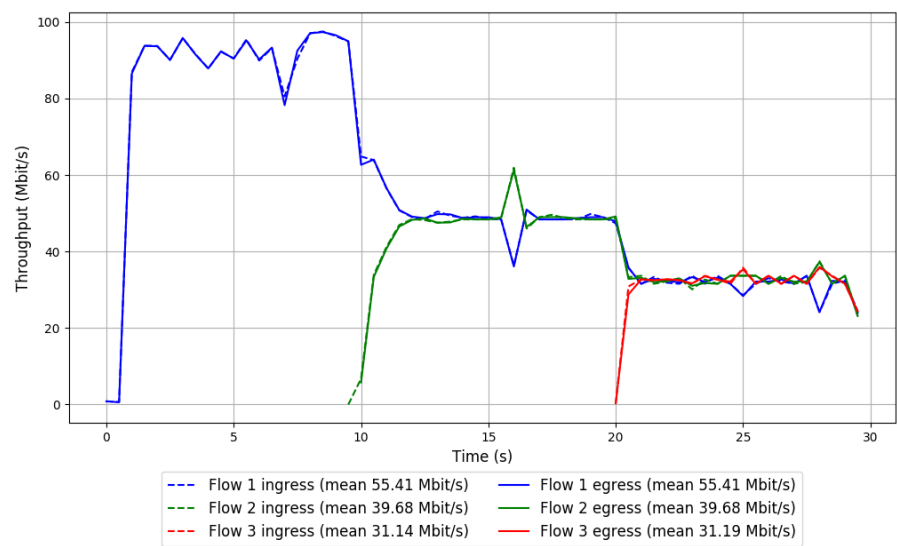


Run 2: Statistics of QUIC Cubic

Start at: 2018-03-06 12:18:44
End at: 2018-03-06 12:19:14
Local clock offset: -5.078 ms
Remote clock offset: -7.129 ms

Below is generated by plot.py at 2018-03-06 18:41:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.03 Mbit/s
95th percentile per-packet one-way delay: 35.146 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.41 Mbit/s
95th percentile per-packet one-way delay: 35.037 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 35.171 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 35.218 ms
Loss rate: 0.35%

Run 2: Report of QUIC Cubic — Data Link

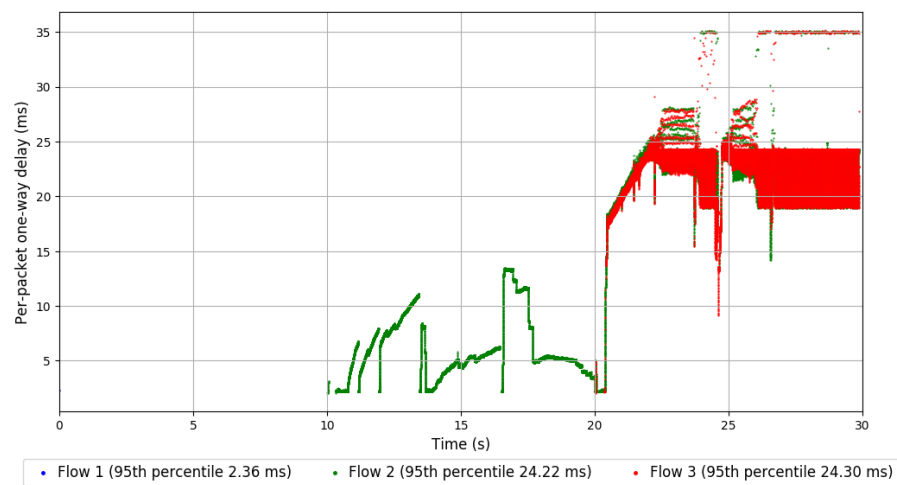
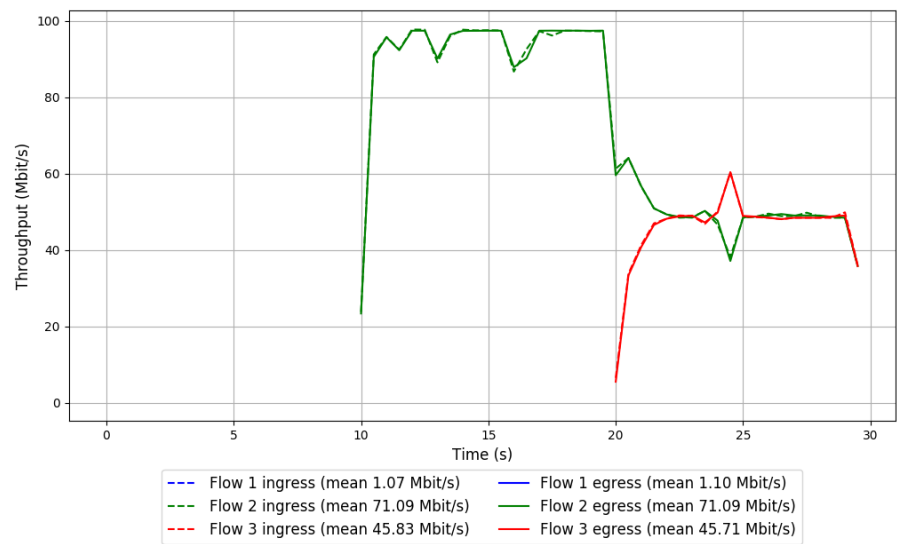


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-06 12:39:11
End at: 2018-03-06 12:39:41
Local clock offset: -2.132 ms
Remote clock offset: -7.342 ms

Below is generated by plot.py at 2018-03-06 18:41:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: 24.257 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 2.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.09 Mbit/s
95th percentile per-packet one-way delay: 24.220 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 45.71 Mbit/s
95th percentile per-packet one-way delay: 24.296 ms
Loss rate: 0.32%

Run 3: Report of QUIC Cubic — Data Link

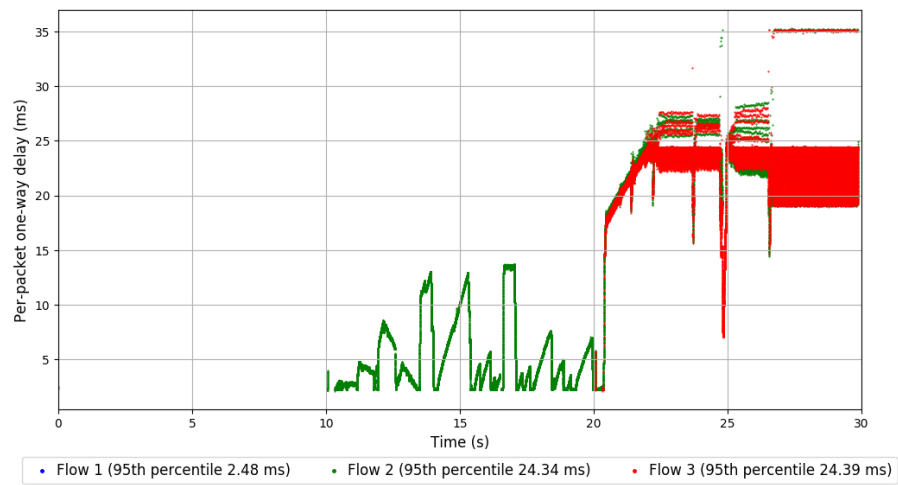
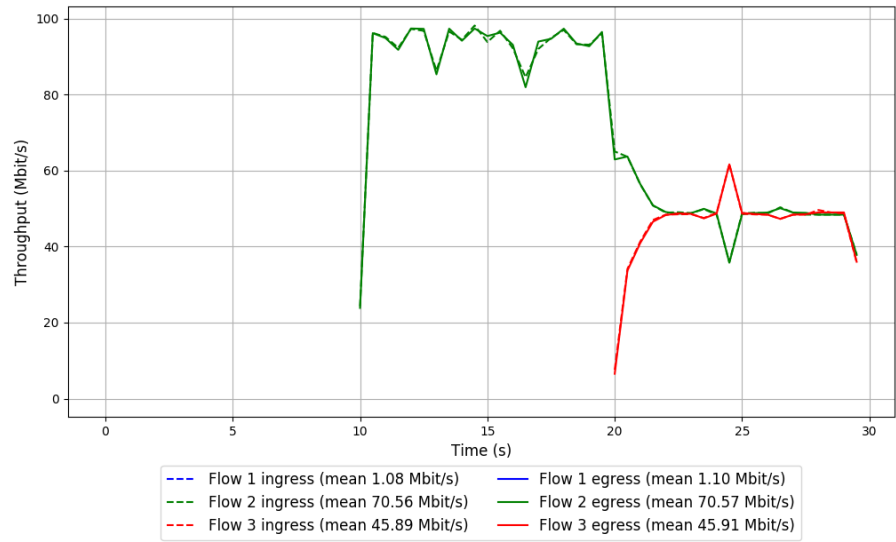


Run 4: Statistics of QUIC Cubic

Start at: 2018-03-06 12:59:38
End at: 2018-03-06 13:00:08
Local clock offset: -0.068 ms
Remote clock offset: -7.345 ms

Below is generated by plot.py at 2018-03-06 18:41:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.03 Mbit/s
95th percentile per-packet one-way delay: 24.364 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.57 Mbit/s
95th percentile per-packet one-way delay: 24.342 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 45.91 Mbit/s
95th percentile per-packet one-way delay: 24.389 ms
Loss rate: 0.24%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-06 13:20:03

End at: 2018-03-06 13:20:33

Local clock offset: -4.161 ms

Remote clock offset: -7.41 ms

Below is generated by plot.py at 2018-03-06 18:42:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.30 Mbit/s

95th percentile per-packet one-way delay: 35.316 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 56.59 Mbit/s

95th percentile per-packet one-way delay: 34.754 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 39.75 Mbit/s

95th percentile per-packet one-way delay: 35.364 ms

Loss rate: 0.14%

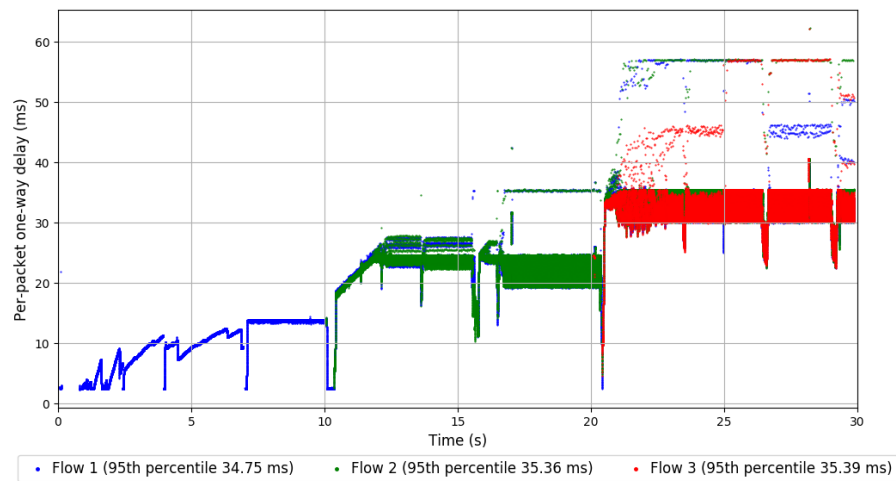
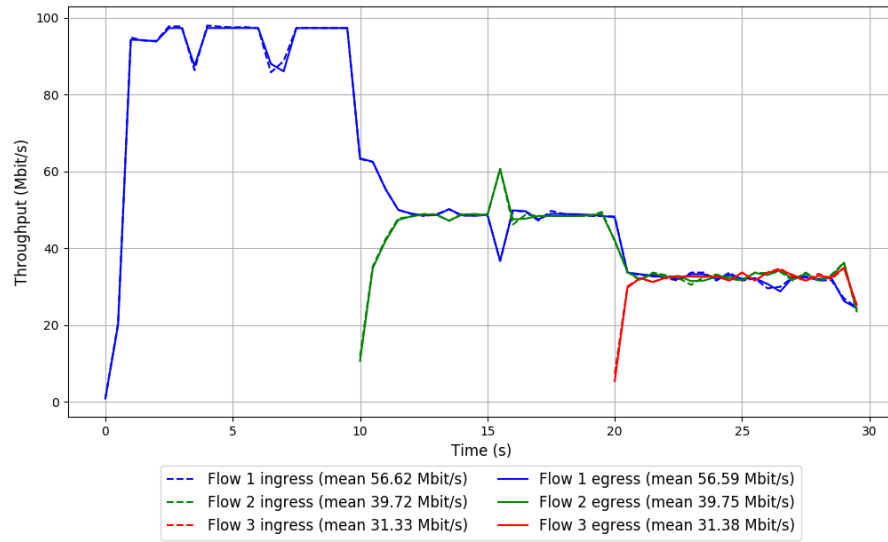
-- Flow 3:

Average throughput: 31.38 Mbit/s

95th percentile per-packet one-way delay: 35.392 ms

Loss rate: 0.35%

Run 5: Report of QUIC Cubic — Data Link

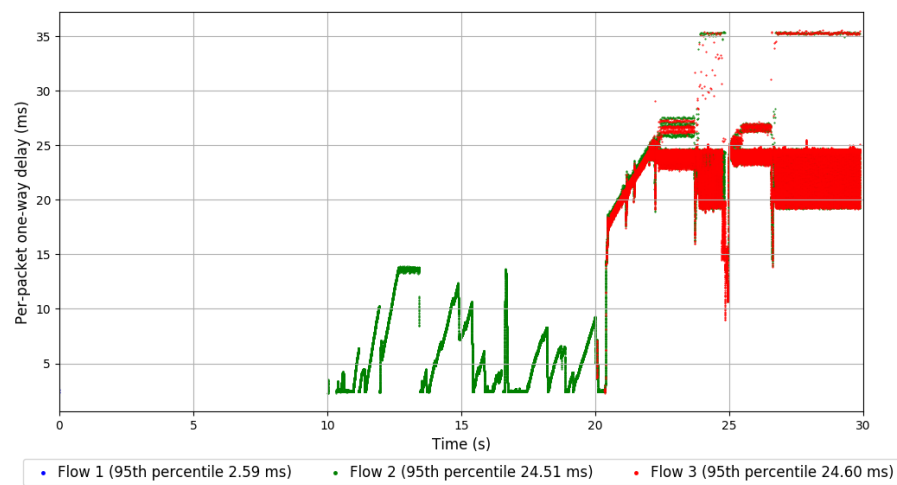
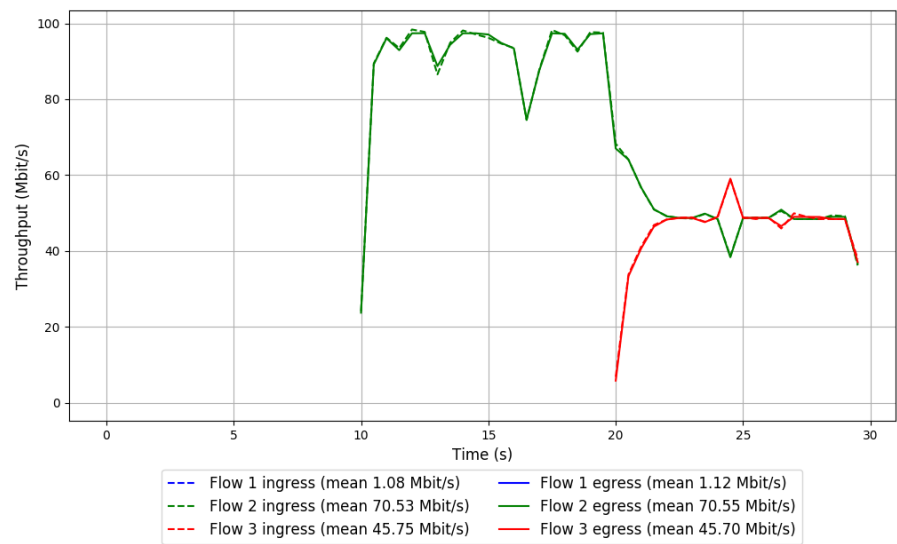


Run 6: Statistics of QUIC Cubic

Start at: 2018-03-06 13:40:31
End at: 2018-03-06 13:41:01
Local clock offset: -5.253 ms
Remote clock offset: -7.133 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.98 Mbit/s
95th percentile per-packet one-way delay: 24.548 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 2.593 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.55 Mbit/s
95th percentile per-packet one-way delay: 24.514 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 24.597 ms
Loss rate: 0.33%

Run 6: Report of QUIC Cubic — Data Link

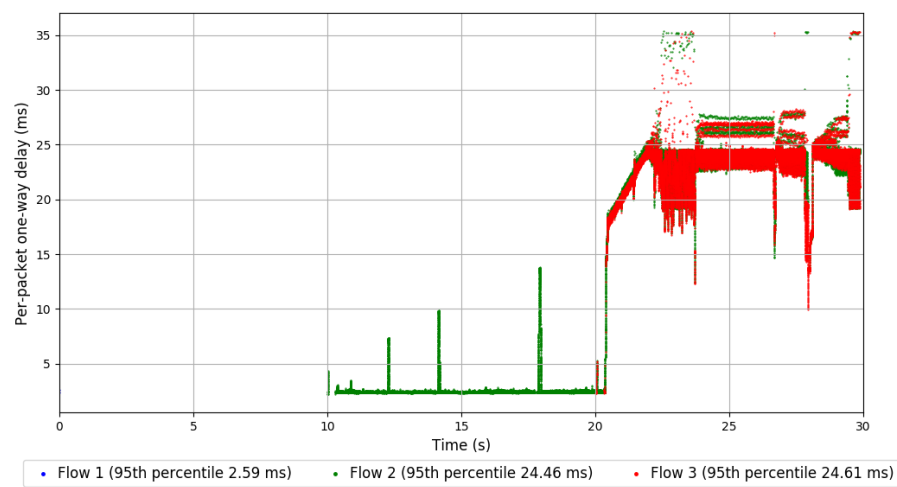
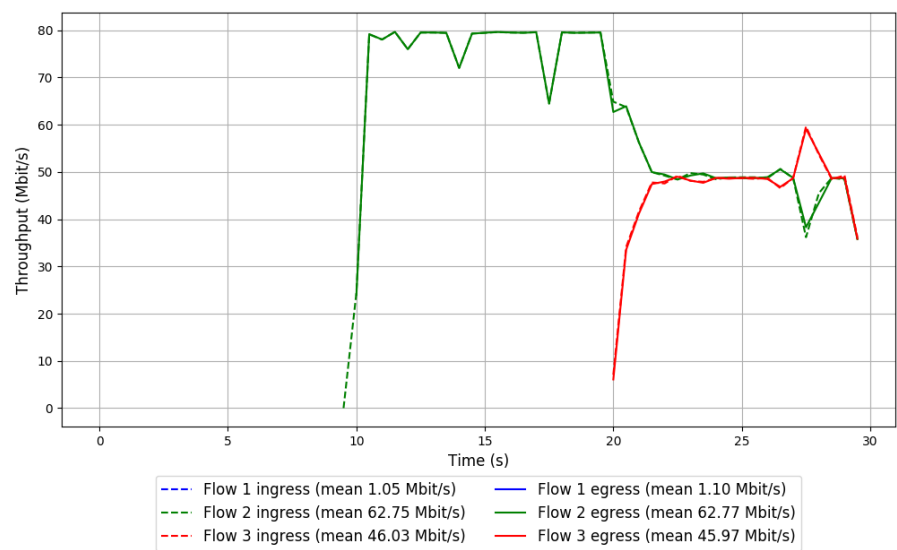


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-06 14:00:56
End at: 2018-03-06 14:01:26
Local clock offset: -6.261 ms
Remote clock offset: -7.029 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 24.489 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 2.587 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 24.457 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 45.97 Mbit/s
95th percentile per-packet one-way delay: 24.605 ms
Loss rate: 0.34%

Run 7: Report of QUIC Cubic — Data Link

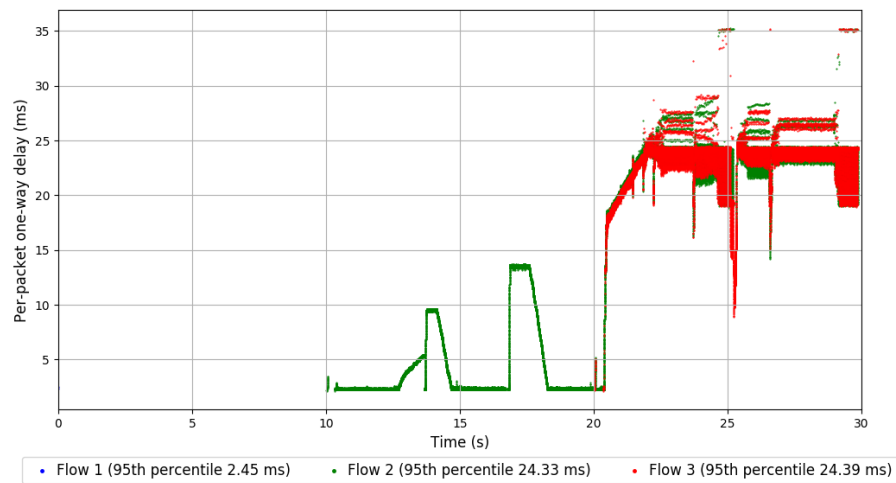
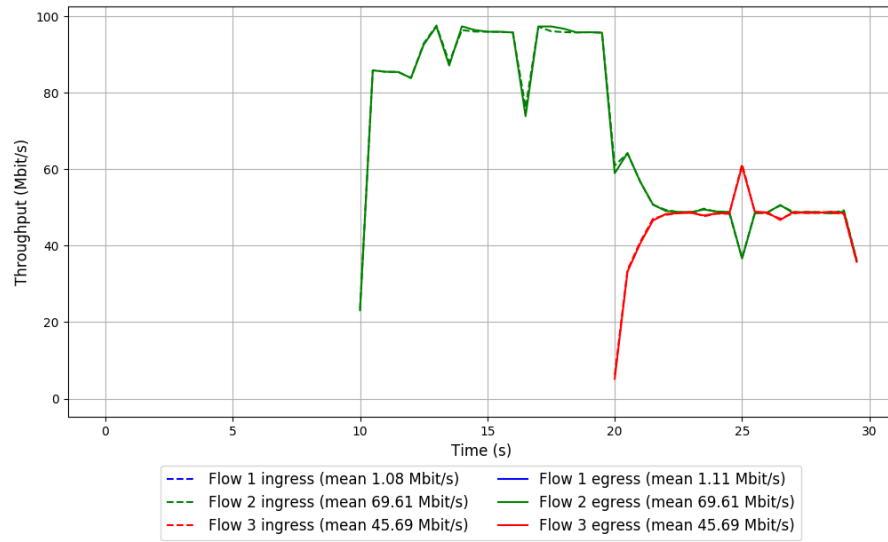


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-06 14:21:20
End at: 2018-03-06 14:21:50
Local clock offset: -4.192 ms
Remote clock offset: -6.859 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.35 Mbit/s
95th percentile per-packet one-way delay: 24.359 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 2.447 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 69.61 Mbit/s
95th percentile per-packet one-way delay: 24.334 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 45.69 Mbit/s
95th percentile per-packet one-way delay: 24.394 ms
Loss rate: 0.24%

Run 8: Report of QUIC Cubic — Data Link

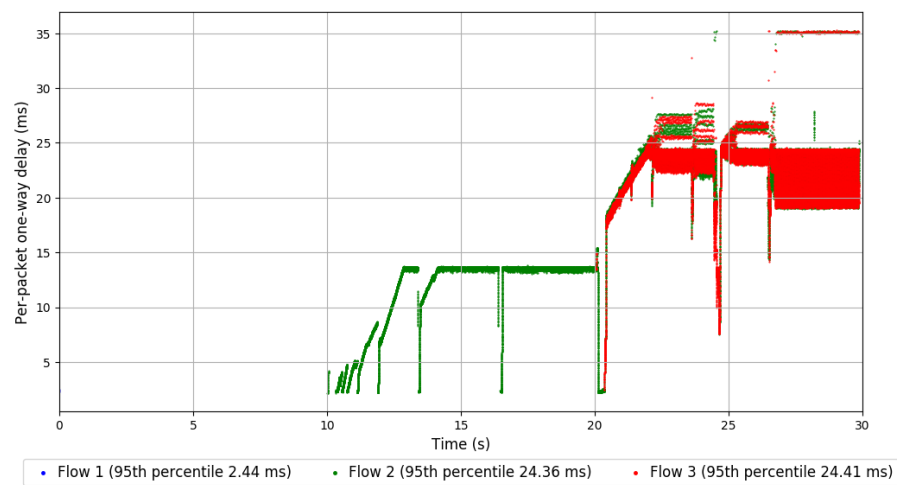
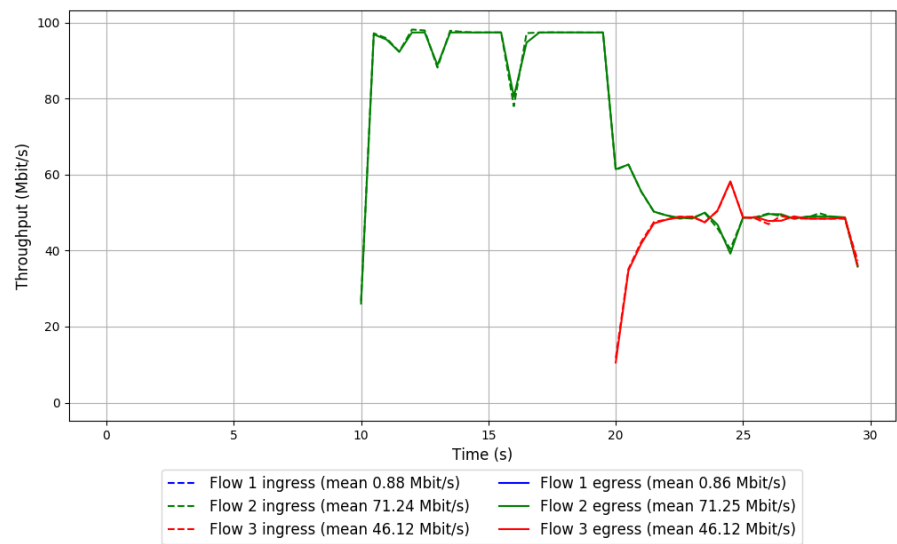


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-06 14:41:45
End at: 2018-03-06 14:42:15
Local clock offset: -3.21 ms
Remote clock offset: -6.367 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.57 Mbit/s
95th percentile per-packet one-way delay: 24.378 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 2.441 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.25 Mbit/s
95th percentile per-packet one-way delay: 24.355 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 46.12 Mbit/s
95th percentile per-packet one-way delay: 24.406 ms
Loss rate: 0.35%

Run 9: Report of QUIC Cubic — Data Link

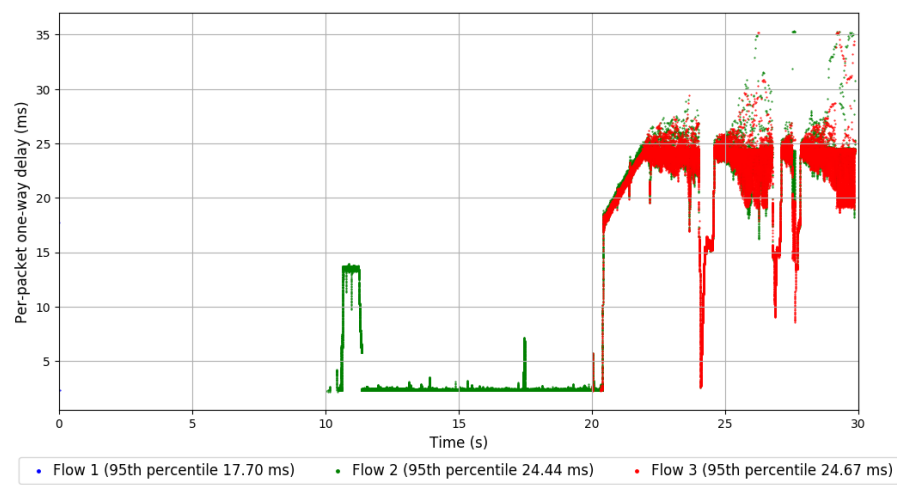
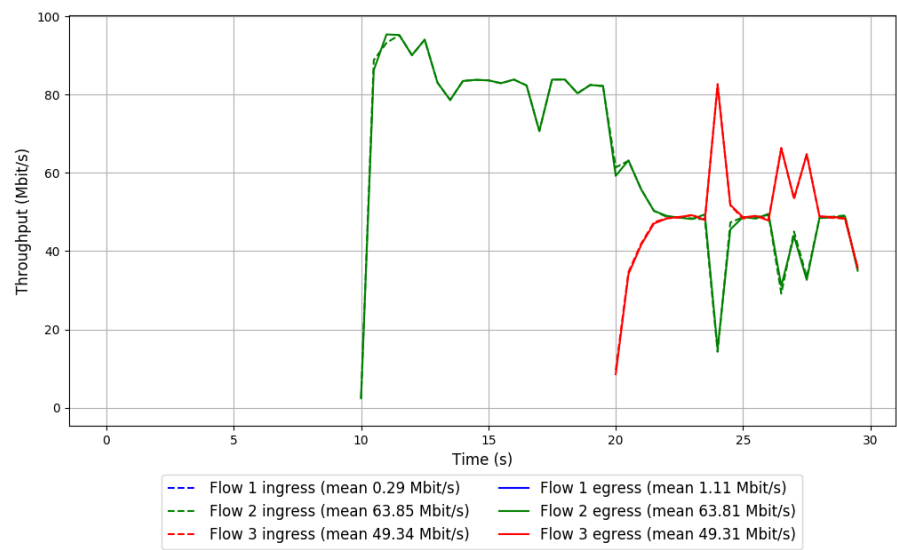


Run 10: Statistics of QUIC Cubic

Start at: 2018-03-06 15:02:09
End at: 2018-03-06 15:02:39
Local clock offset: -3.641 ms
Remote clock offset: -6.135 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 24.469 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 17.697 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.81 Mbit/s
95th percentile per-packet one-way delay: 24.444 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 24.673 ms
Loss rate: 0.22%

Run 10: Report of QUIC Cubic — Data Link

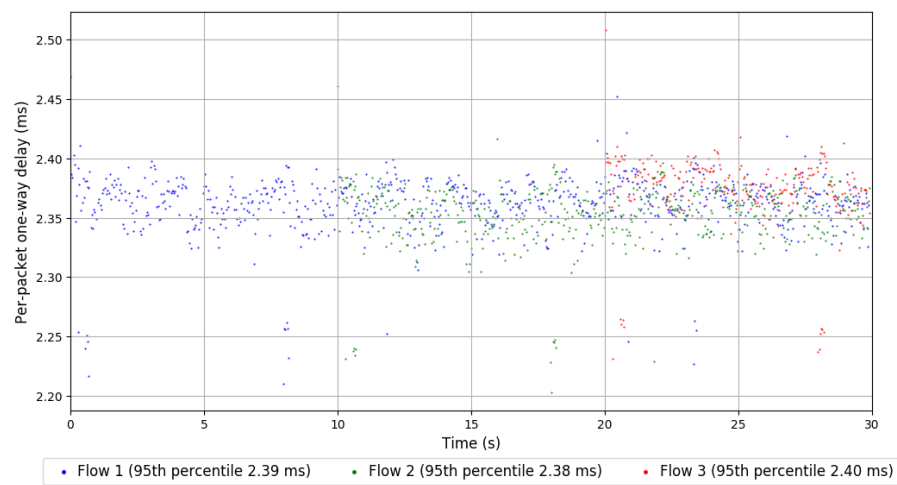
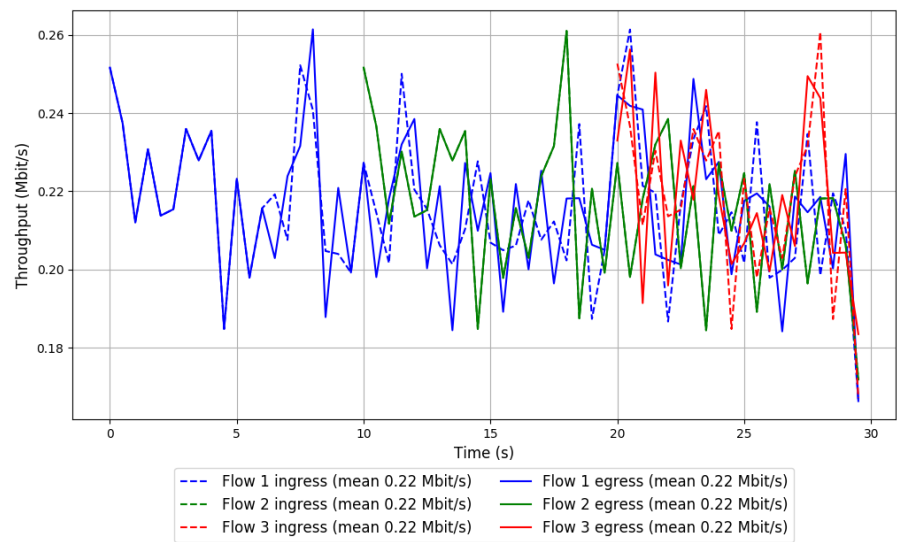


Run 1: Statistics of SCReAM

Start at: 2018-03-06 11:50:20
End at: 2018-03-06 11:50:50
Local clock offset: -5.134 ms
Remote clock offset: -6.954 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.390 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.382 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.402 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

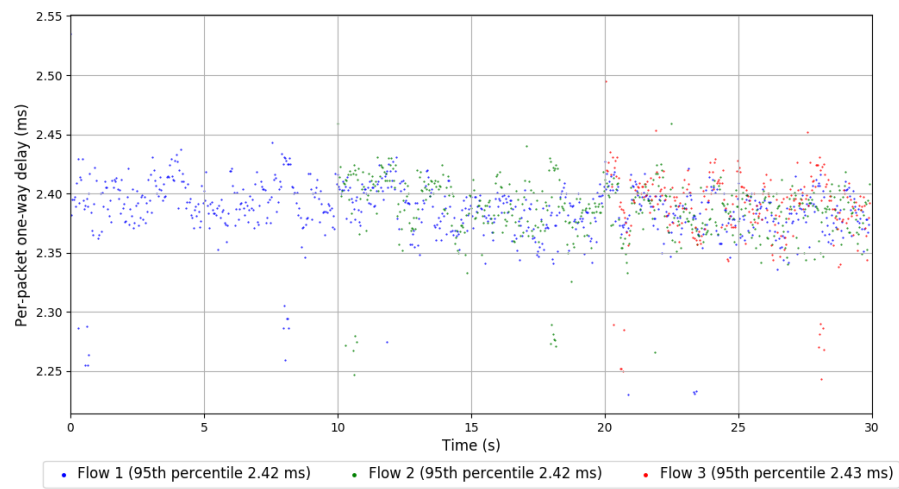
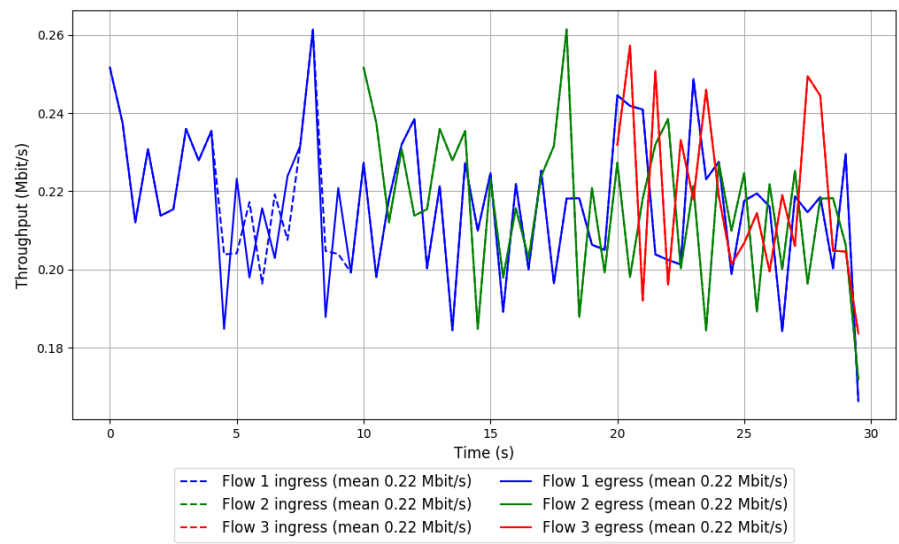


Run 2: Statistics of SReAM

Start at: 2018-03-06 12:10:47
End at: 2018-03-06 12:11:17
Local clock offset: -5.068 ms
Remote clock offset: -6.879 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.418 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.420 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.426 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

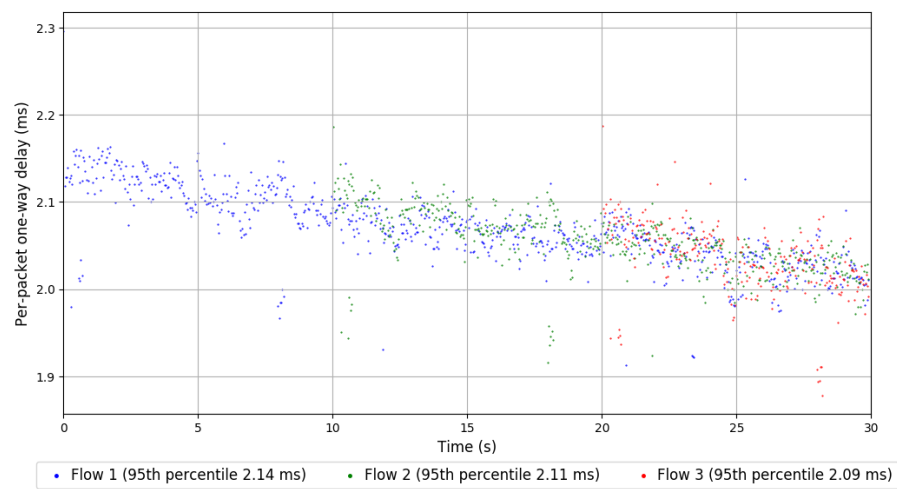
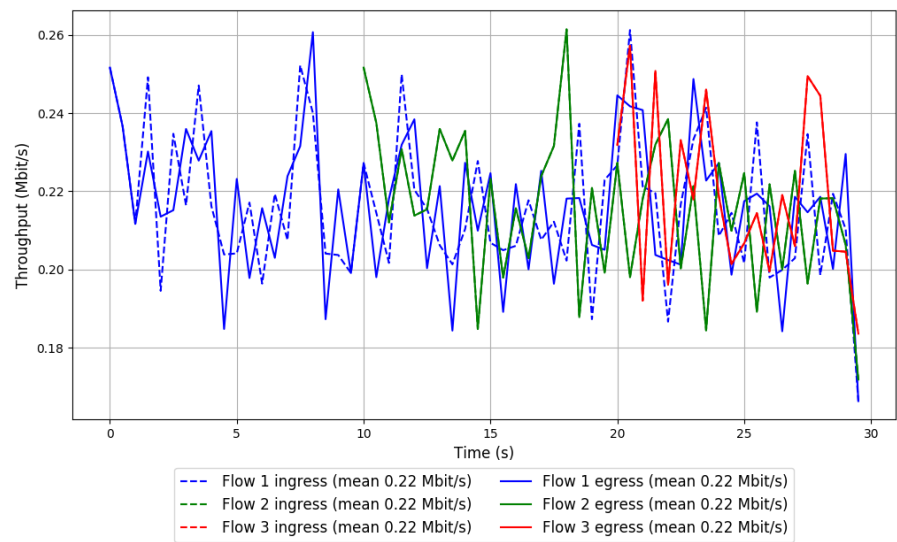


Run 3: Statistics of SReAM

Start at: 2018-03-06 12:31:16
End at: 2018-03-06 12:31:46
Local clock offset: -3.733 ms
Remote clock offset: -7.258 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.108 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.088 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

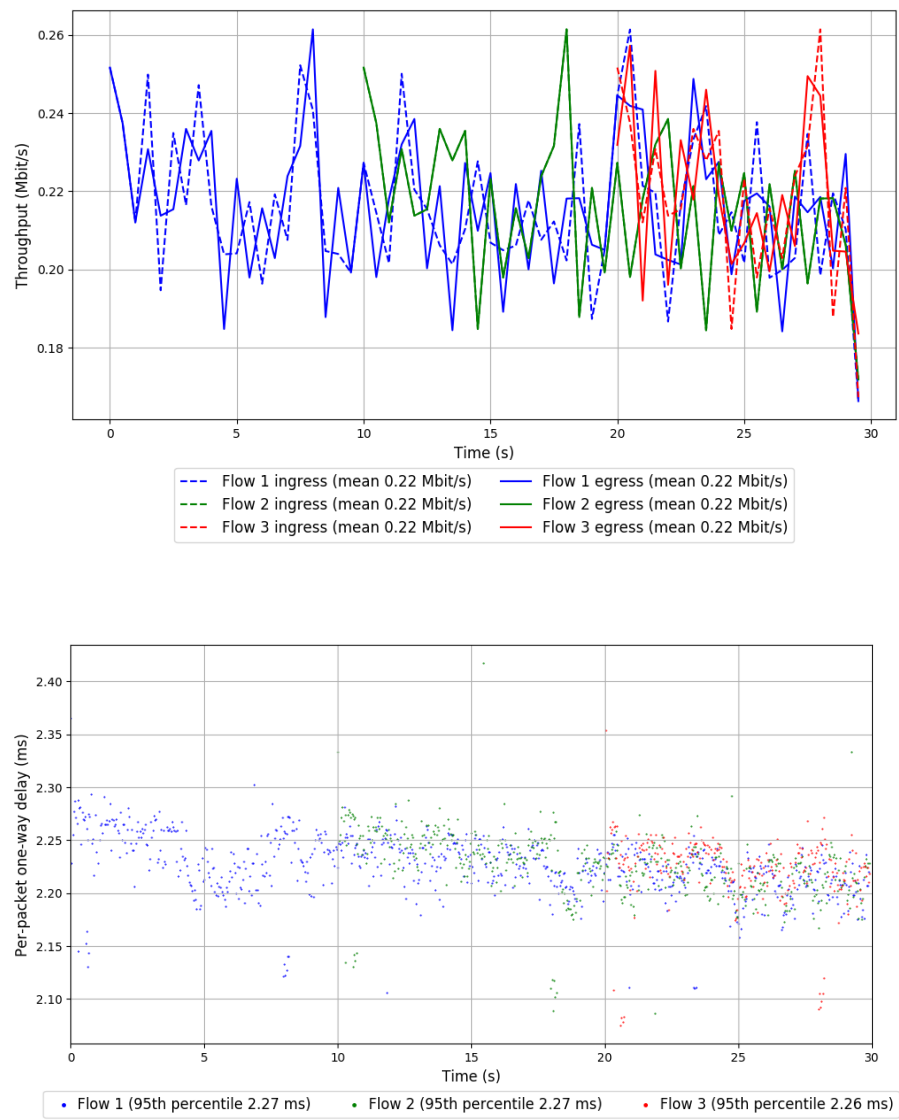


Run 4: Statistics of SReAM

Start at: 2018-03-06 12:51:41
End at: 2018-03-06 12:52:11
Local clock offset: -0.747 ms
Remote clock offset: -7.315 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.267 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.270 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.256 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: 2018-03-06 13:12:07

End at: 2018-03-06 13:12:37

Local clock offset: -3.315 ms

Remote clock offset: -7.35 ms

Below is generated by plot.py at 2018-03-06 18:42:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 2.546 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.545 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.540 ms

Loss rate: 0.00%

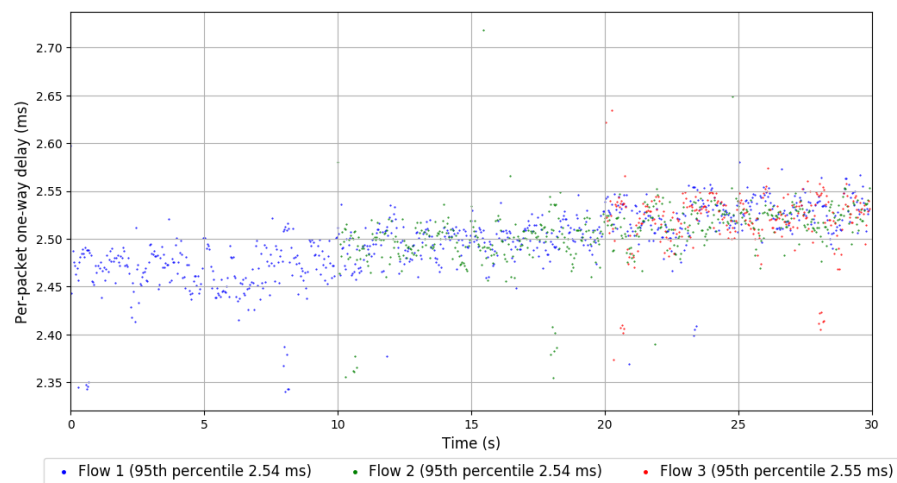
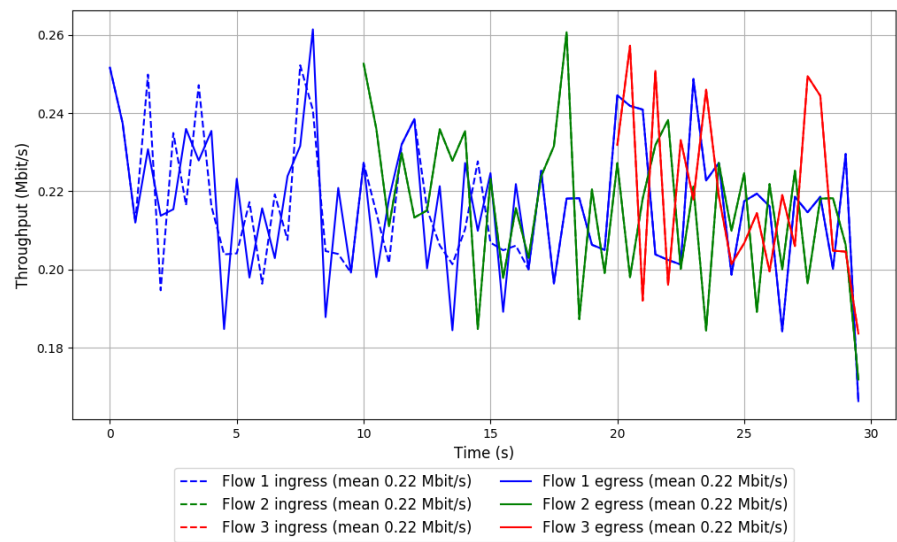
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.550 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

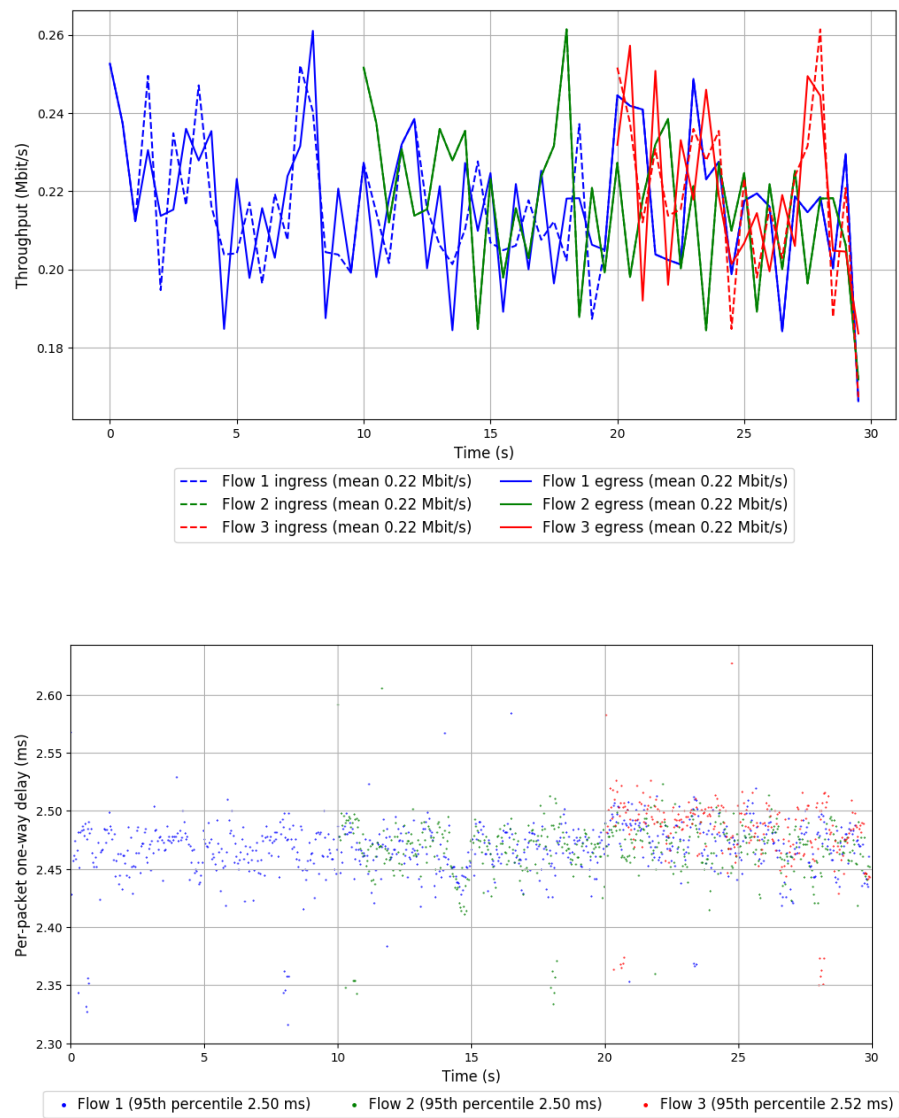


Run 6: Statistics of SReAM

Start at: 2018-03-06 13:32:33
End at: 2018-03-06 13:33:03
Local clock offset: -4.574 ms
Remote clock offset: -7.249 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.503 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.498 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.516 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

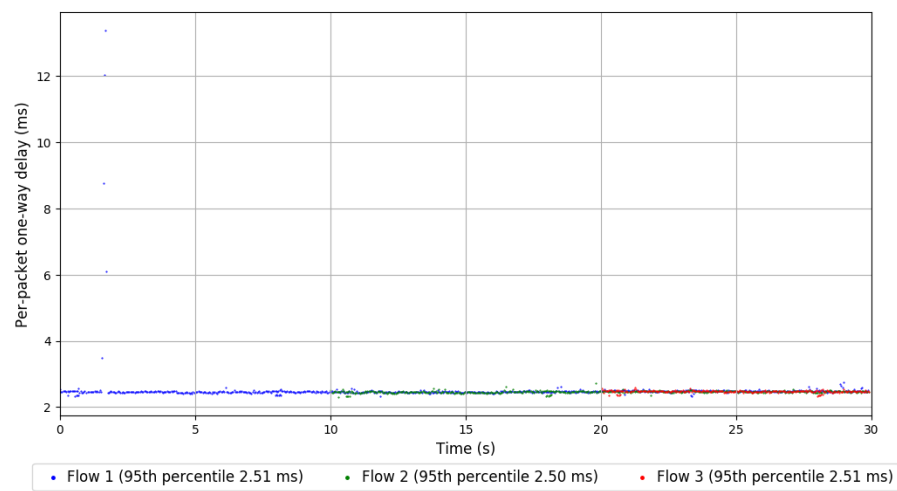
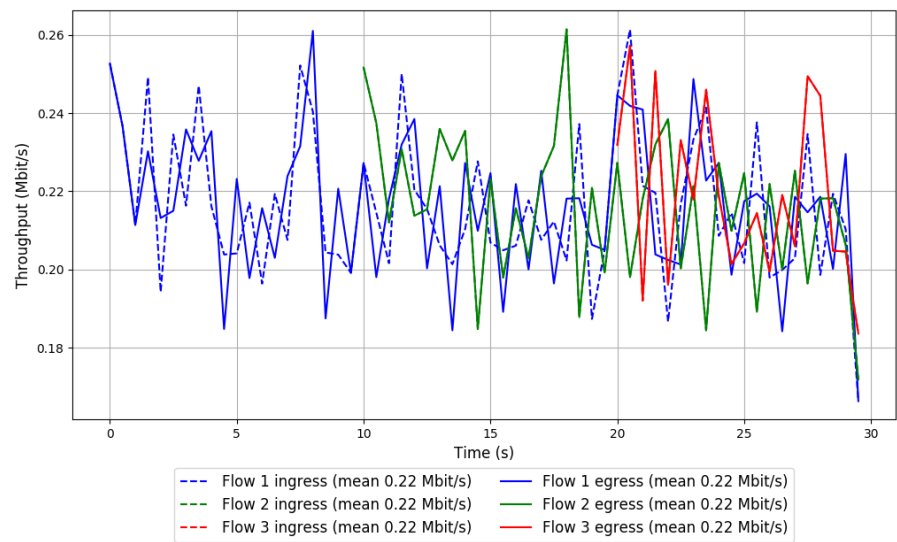


Run 7: Statistics of SReAM

Start at: 2018-03-06 13:53:00
End at: 2018-03-06 13:53:30
Local clock offset: -5.992 ms
Remote clock offset: -7.124 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.511 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.498 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.514 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

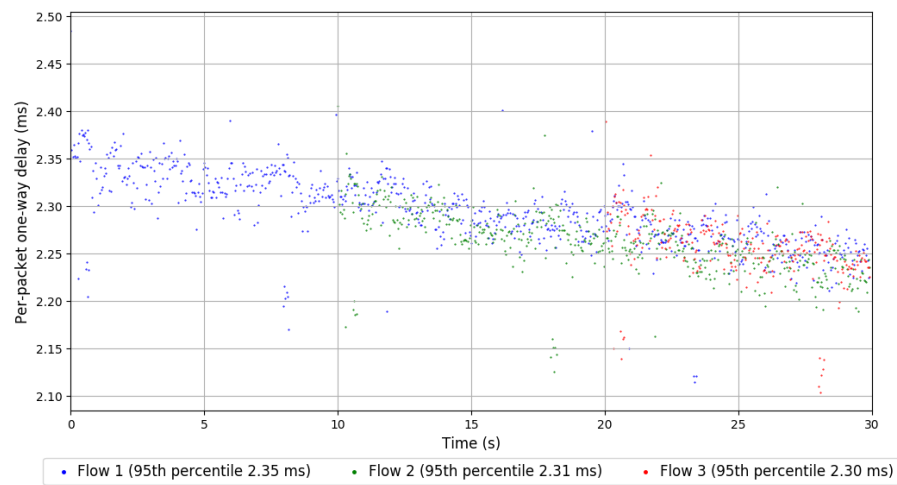
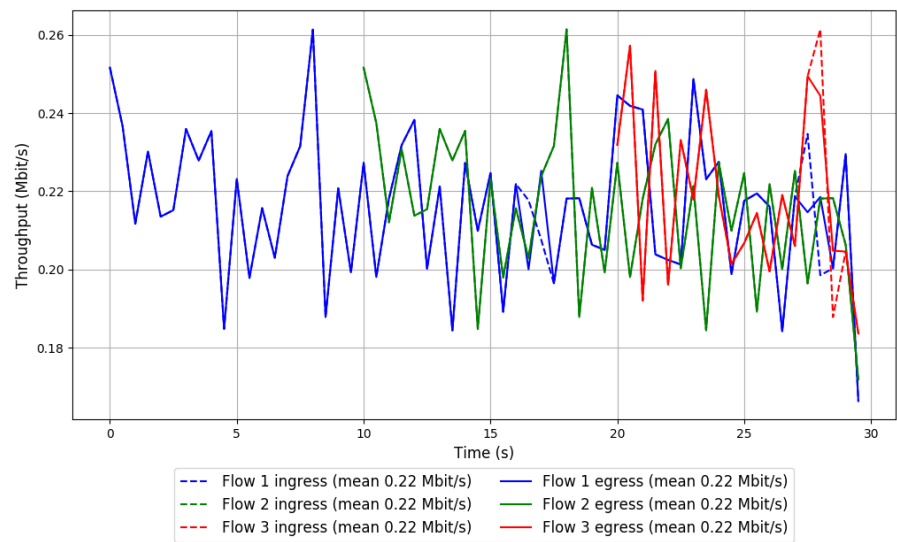


Run 8: Statistics of SReAM

Start at: 2018-03-06 14:13:25
End at: 2018-03-06 14:13:55
Local clock offset: -5.362 ms
Remote clock offset: -6.966 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.352 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.311 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-03-06 14:33:49

End at: 2018-03-06 14:34:19

Local clock offset: -3.465 ms

Remote clock offset: -6.51 ms

Below is generated by plot.py at 2018-03-06 18:42:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 2.312 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.308 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.314 ms

Loss rate: 0.00%

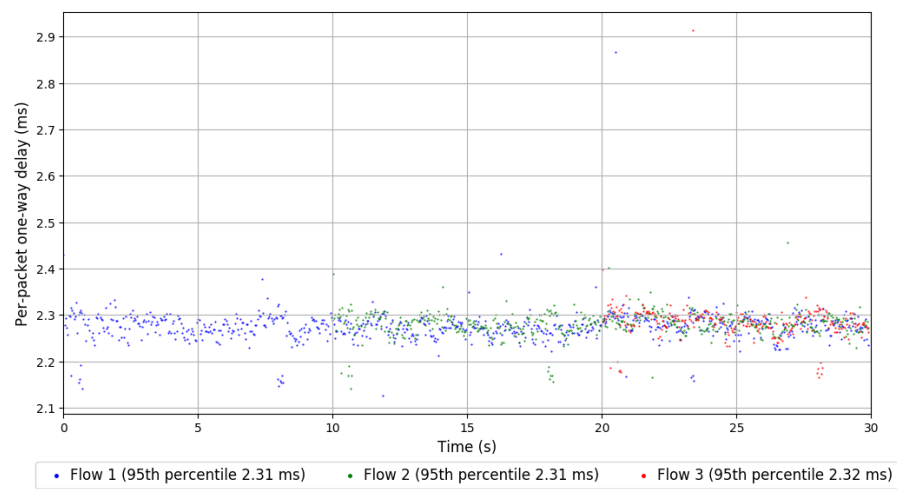
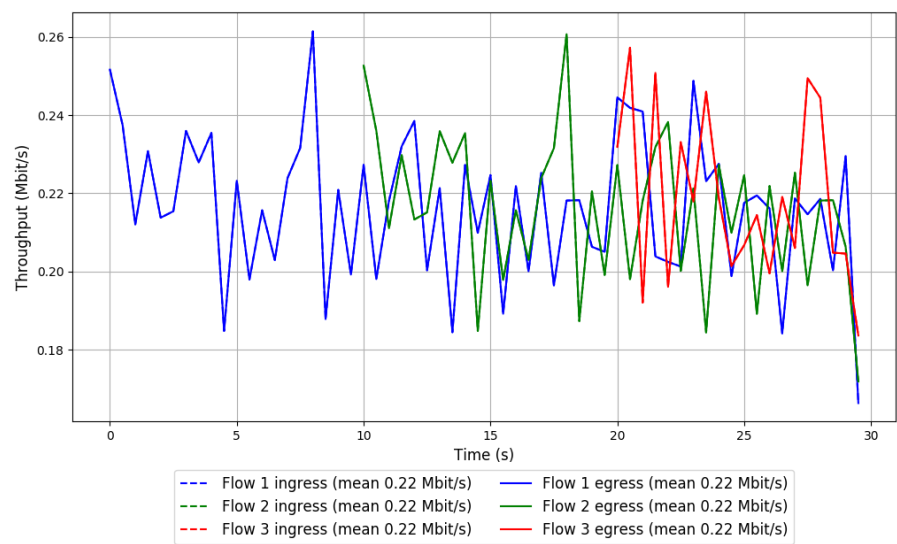
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.316 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

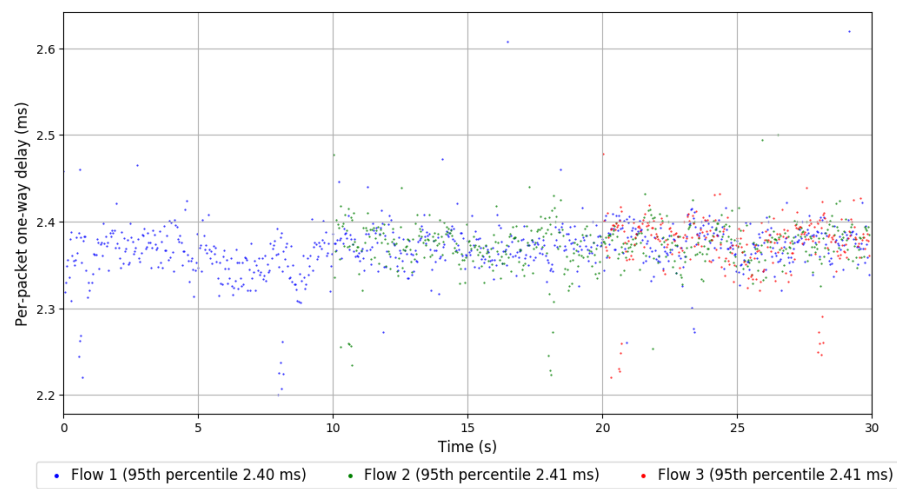
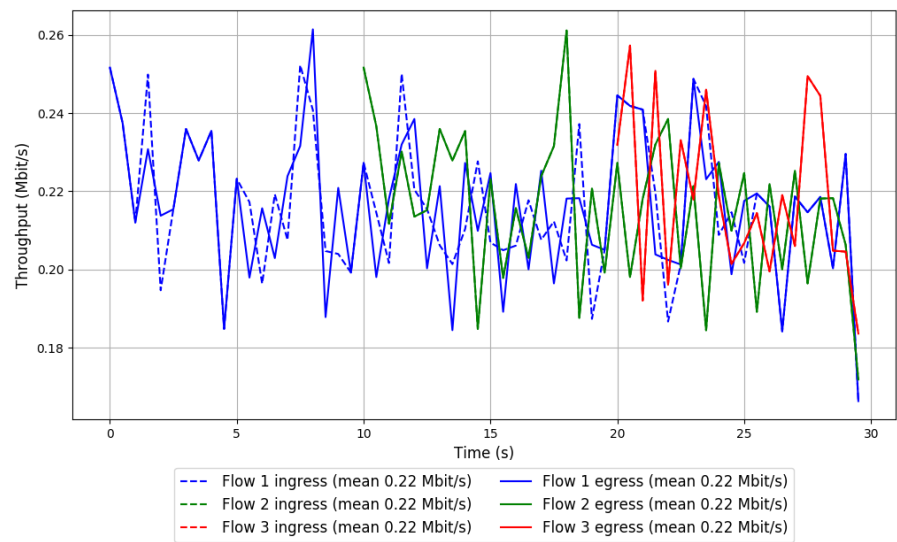


Run 10: Statistics of SReAM

Start at: 2018-03-06 14:54:13
End at: 2018-03-06 14:54:43
Local clock offset: -3.565 ms
Remote clock offset: -6.159 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.408 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.410 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

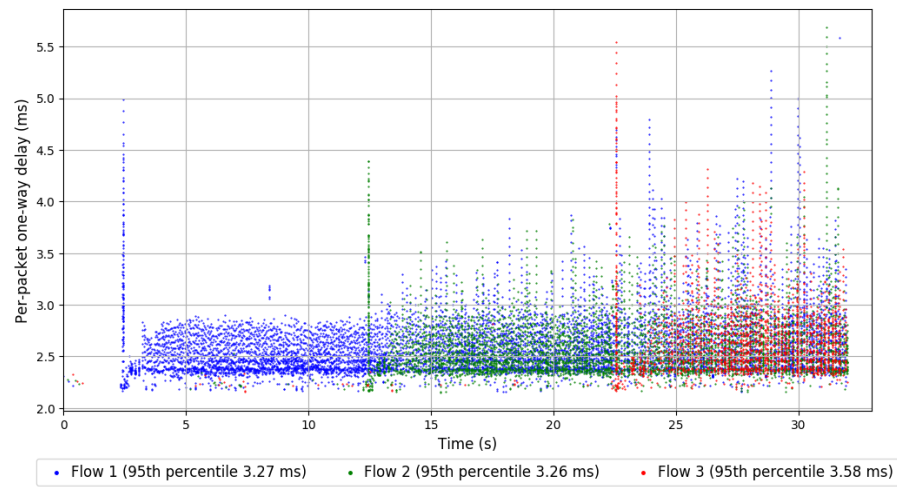
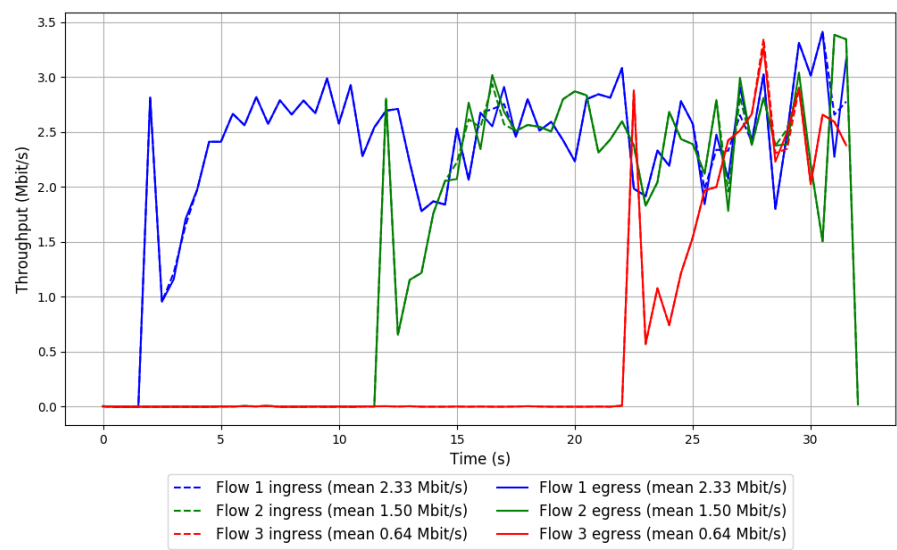


Run 1: Statistics of WebRTC media

Start at: 2018-03-06 11:46:59
End at: 2018-03-06 11:47:29
Local clock offset: -5.165 ms
Remote clock offset: -6.982 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 3.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 3.273 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 3.259 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 3.584 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

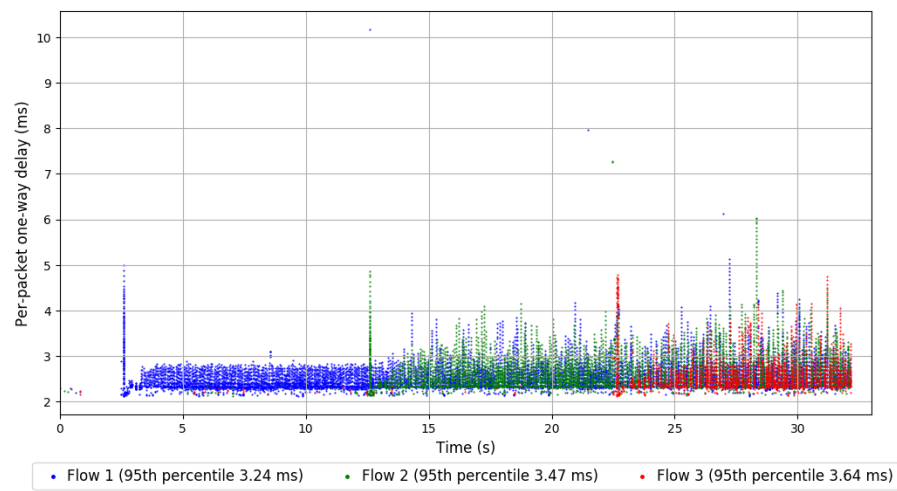
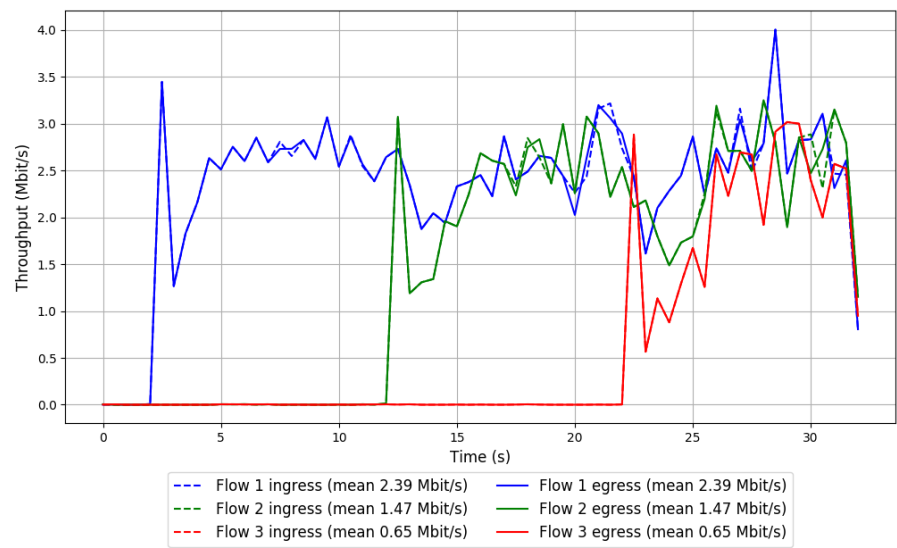


Run 2: Statistics of WebRTC media

Start at: 2018-03-06 12:07:25
End at: 2018-03-06 12:07:55
Local clock offset: -5.14 ms
Remote clock offset: -6.822 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 3.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 3.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 3.474 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 3.642 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

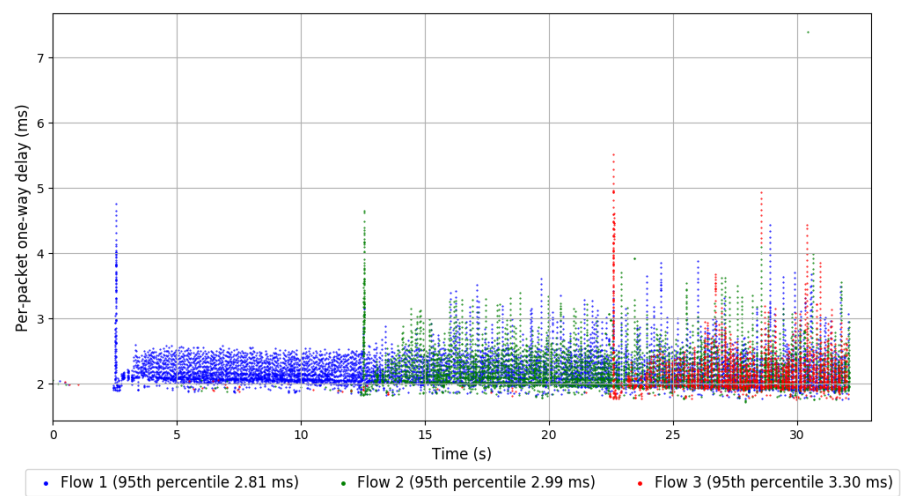
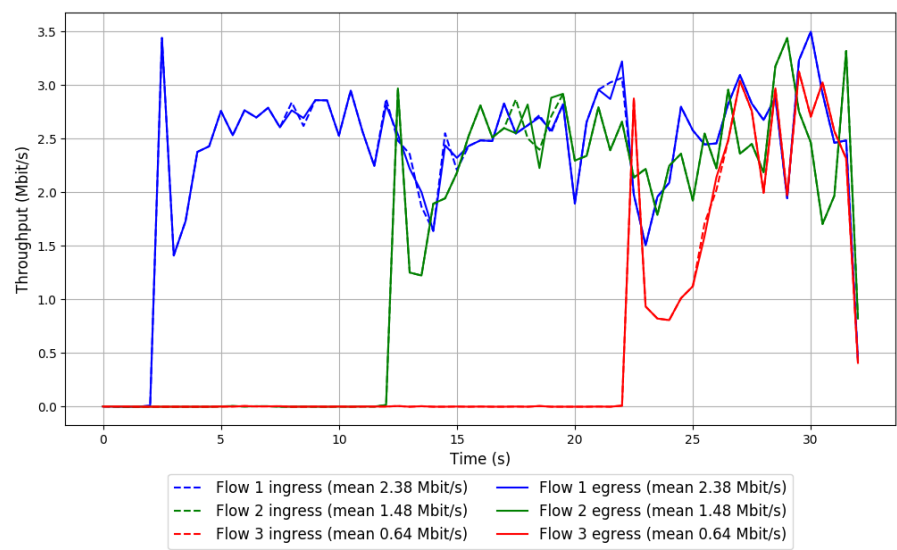


Run 3: Statistics of WebRTC media

Start at: 2018-03-06 12:27:54
End at: 2018-03-06 12:28:24
Local clock offset: -4.837 ms
Remote clock offset: -7.261 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 2.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 2.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 2.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 3.296 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

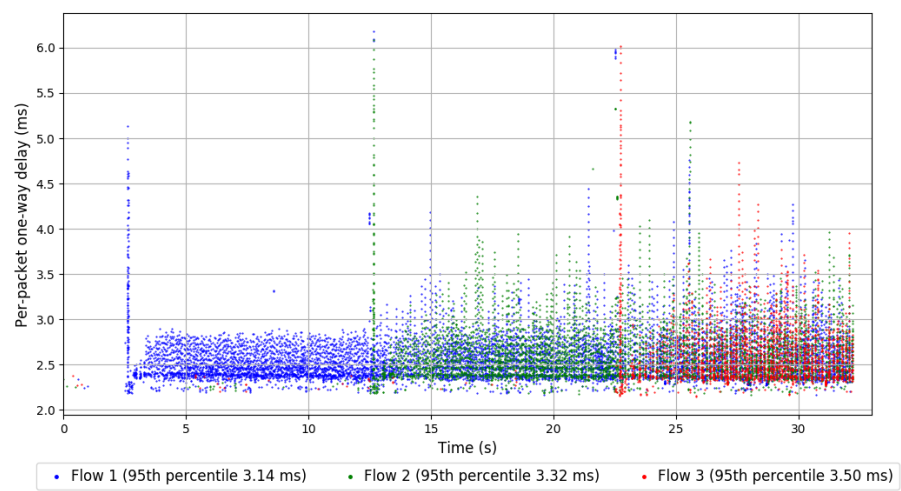
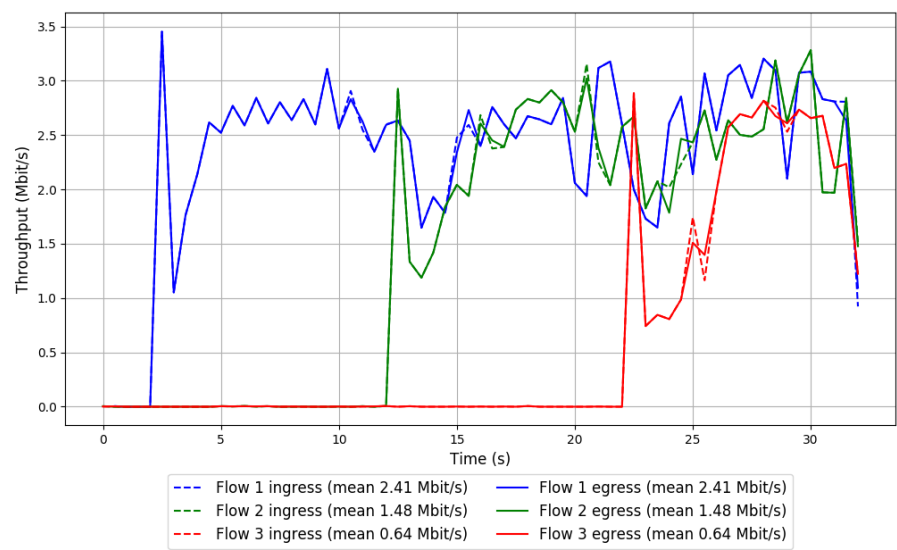


Run 4: Statistics of WebRTC media

Start at: 2018-03-06 12:48:19
End at: 2018-03-06 12:48:49
Local clock offset: -0.994 ms
Remote clock offset: -7.376 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 3.253 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 3.138 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 3.320 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 3.496 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

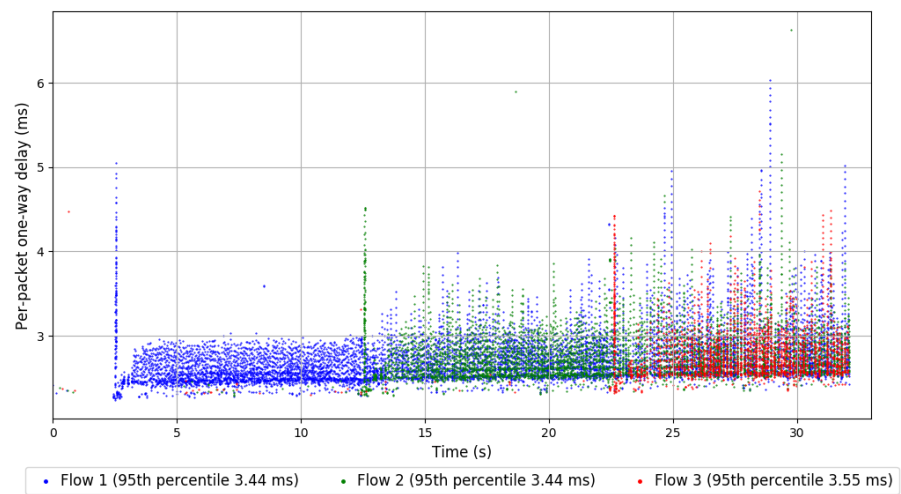
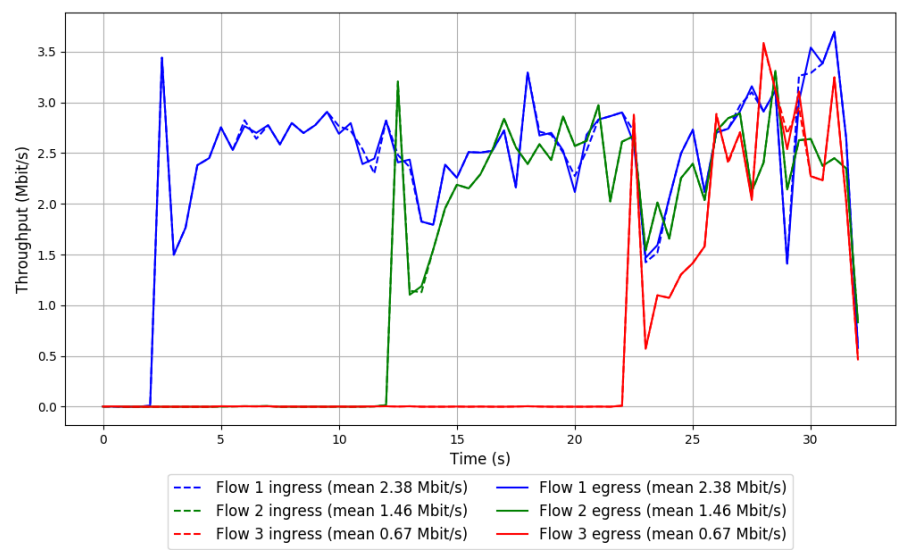


Run 5: Statistics of WebRTC media

Start at: 2018-03-06 13:08:45
End at: 2018-03-06 13:09:15
Local clock offset: -2.745 ms
Remote clock offset: -7.364 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 3.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 3.438 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 3.445 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 3.549 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

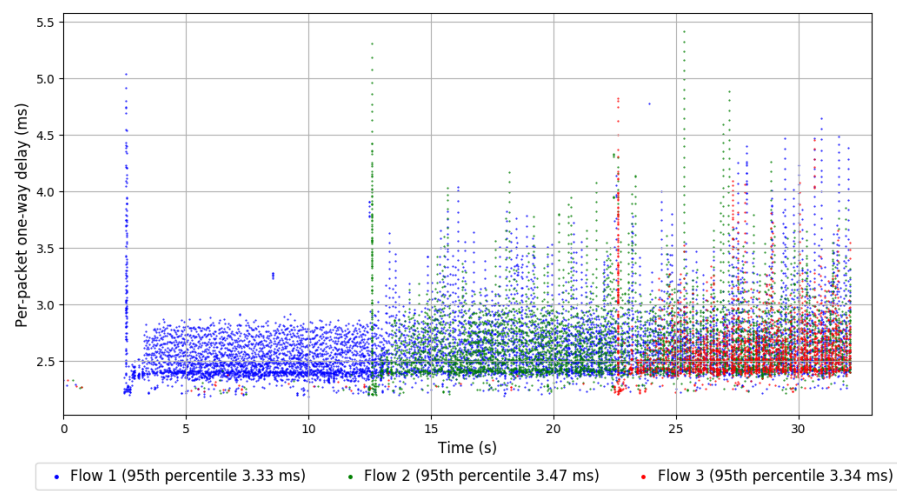
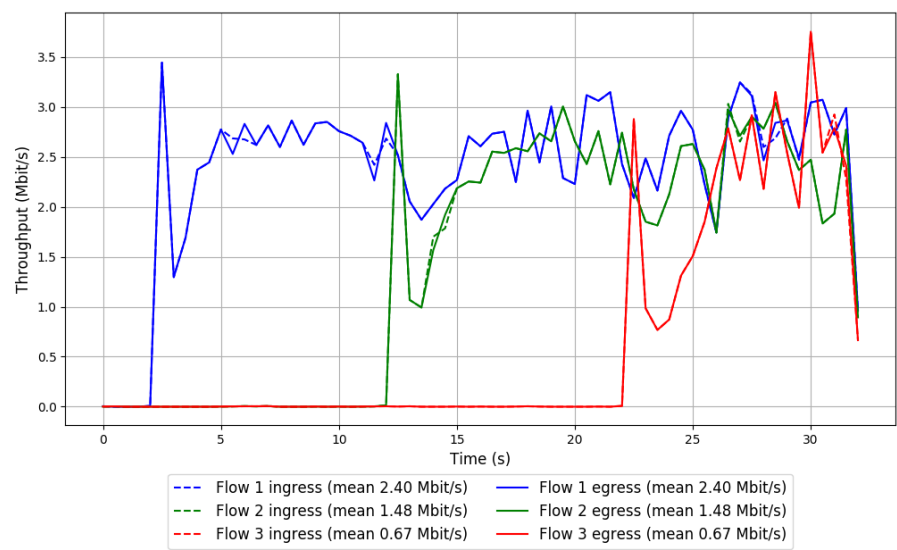


Run 6: Statistics of WebRTC media

Start at: 2018-03-06 13:29:11
End at: 2018-03-06 13:29:41
Local clock offset: -4.595 ms
Remote clock offset: -7.276 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 3.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 3.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 3.471 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 3.336 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

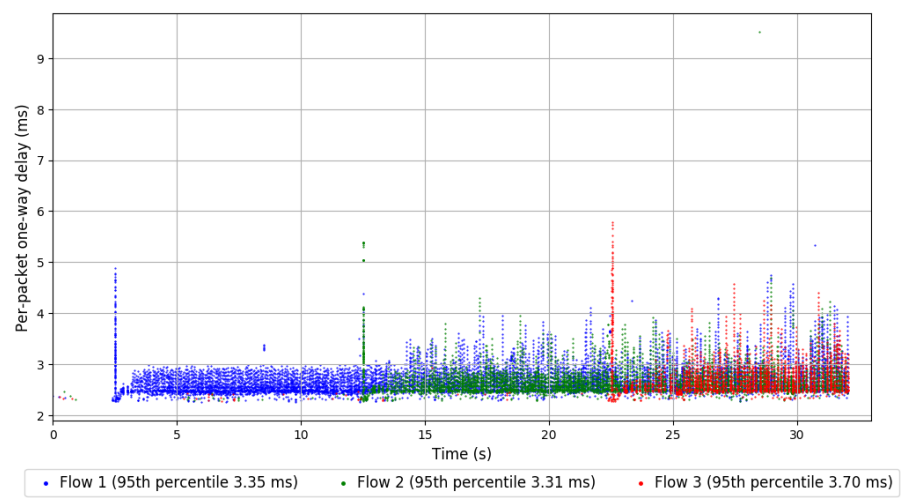
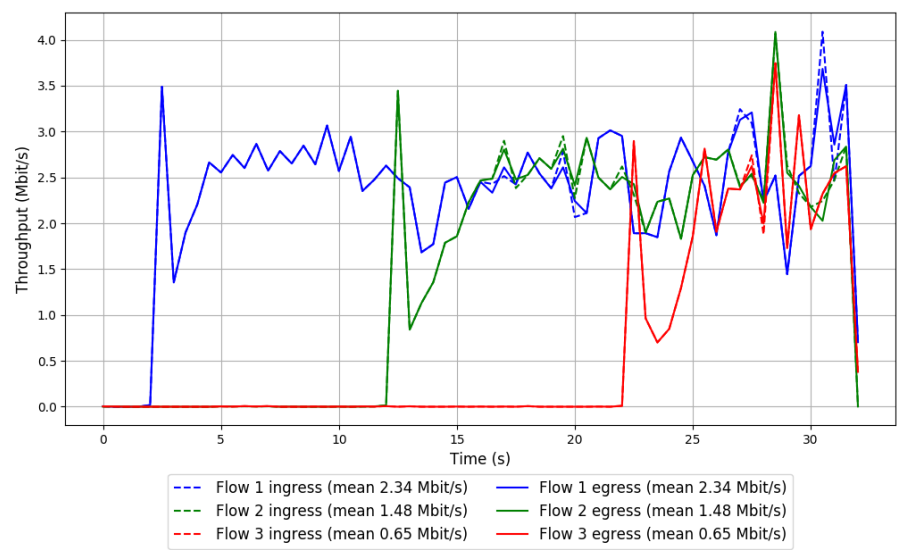


Run 7: Statistics of WebRTC media

Start at: 2018-03-06 13:49:38
End at: 2018-03-06 13:50:08
Local clock offset: -5.871 ms
Remote clock offset: -7.137 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.44 Mbit/s
95th percentile per-packet one-way delay: 3.371 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 3.347 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 3.313 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

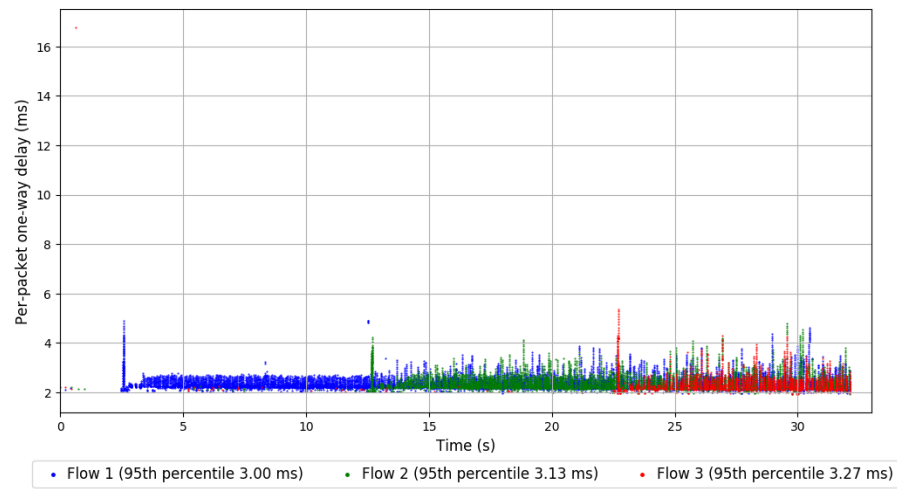
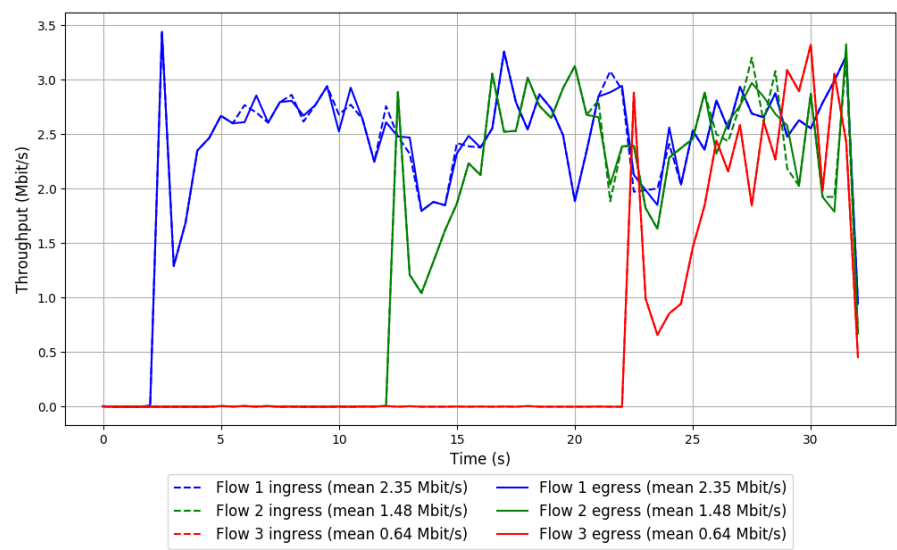


Run 8: Statistics of WebRTC media

Start at: 2018-03-06 14:10:03
End at: 2018-03-06 14:10:33
Local clock offset: -6.263 ms
Remote clock offset: -6.938 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 3.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.000 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 3.130 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 3.275 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

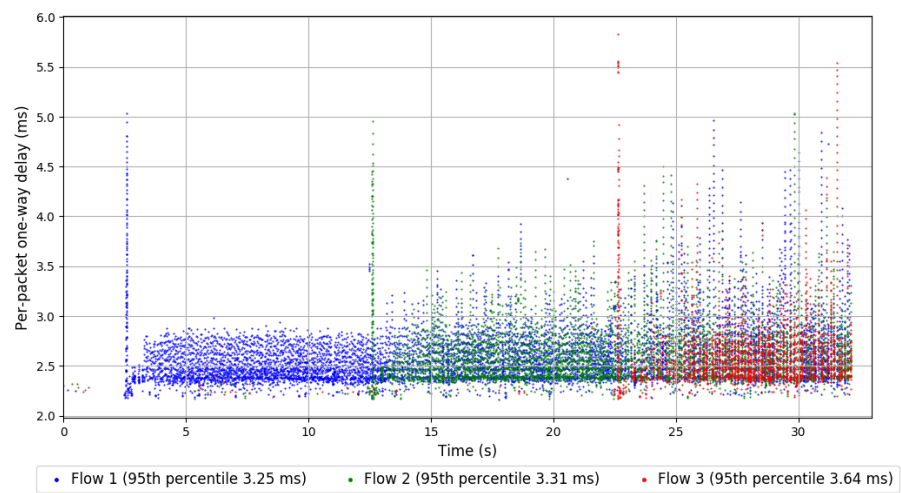
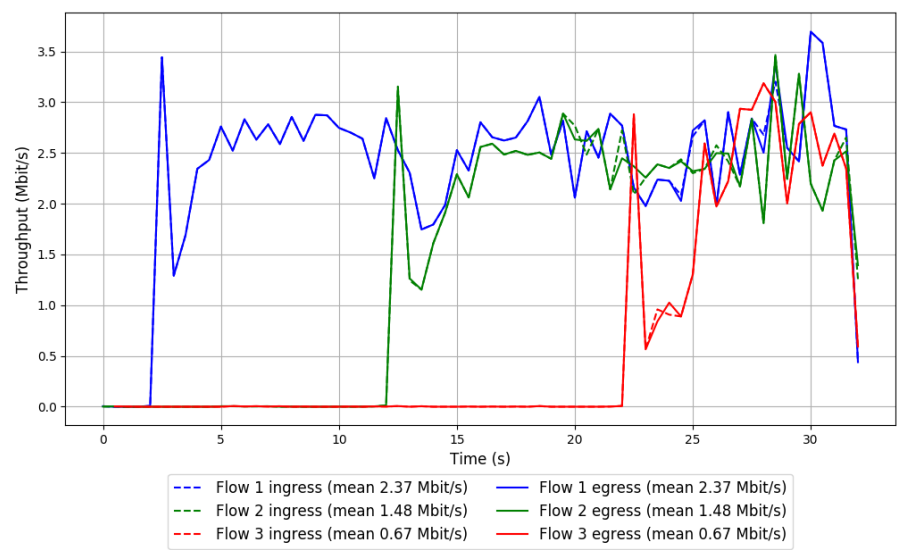


Run 9: Statistics of WebRTC media

Start at: 2018-03-06 14:30:28
End at: 2018-03-06 14:30:58
Local clock offset: -3.548 ms
Remote clock offset: -6.635 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 3.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 3.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 3.314 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 3.636 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

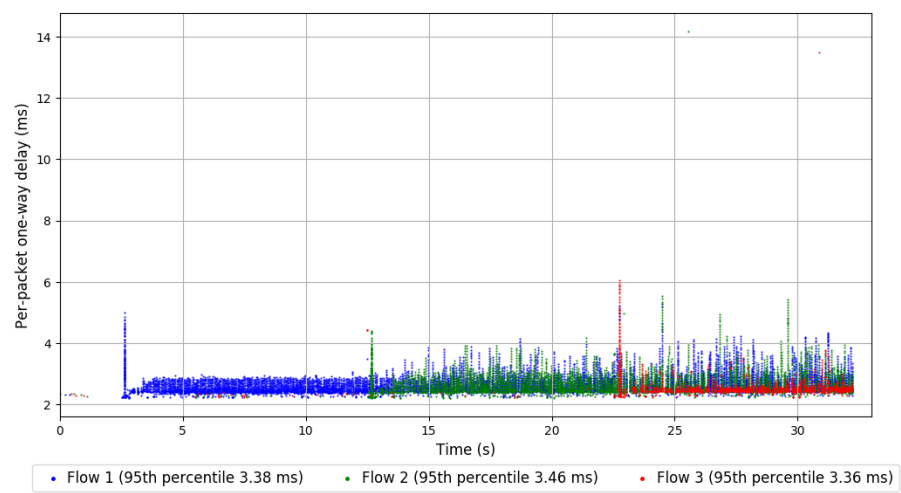
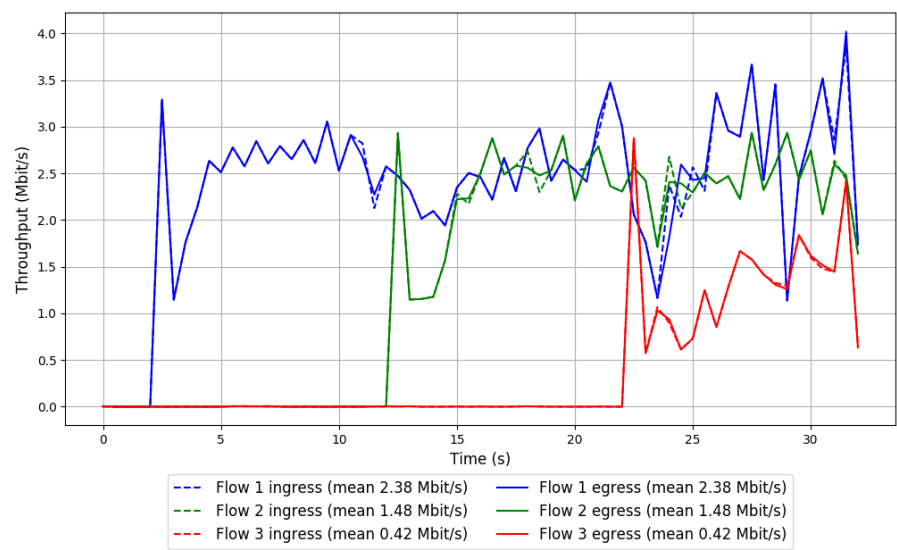


Run 10: Statistics of WebRTC media

Start at: 2018-03-06 14:50:52
End at: 2018-03-06 14:51:22
Local clock offset: -3.46 ms
Remote clock offset: -6.217 ms

Below is generated by plot.py at 2018-03-06 18:42:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 3.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 3.384 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 3.464 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 3.363 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

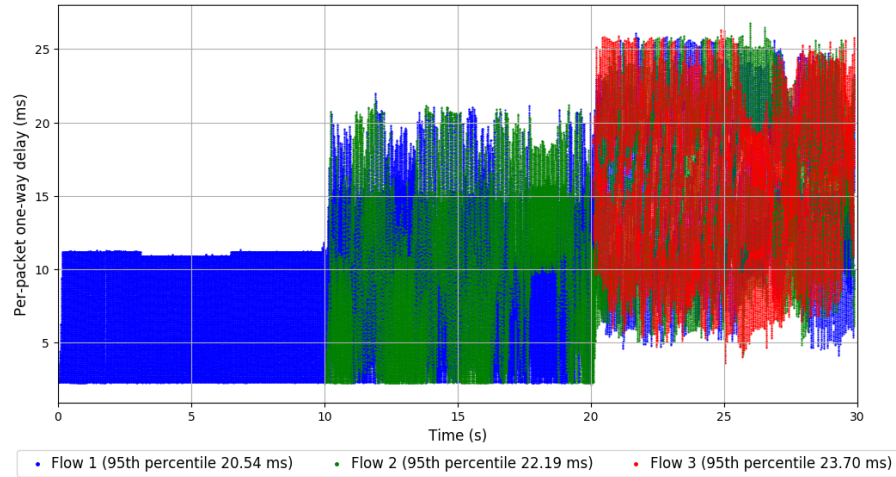
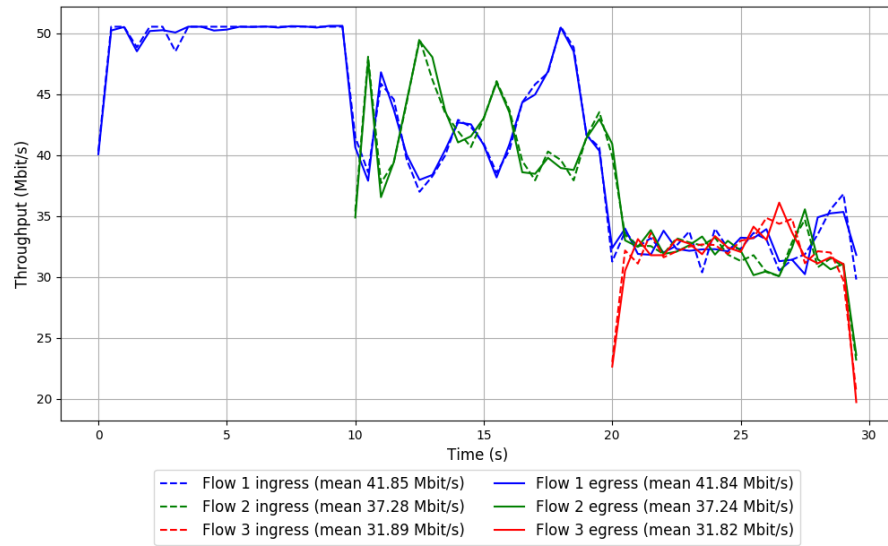


Run 1: Statistics of Sprout

Start at: 2018-03-06 12:01:47
End at: 2018-03-06 12:02:17
Local clock offset: -5.167 ms
Remote clock offset: -6.86 ms

Below is generated by plot.py at 2018-03-06 18:43:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.11 Mbit/s
95th percentile per-packet one-way delay: 21.988 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 20.535 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.24 Mbit/s
95th percentile per-packet one-way delay: 22.188 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 23.704 ms
Loss rate: 0.24%

Run 1: Report of Sprout — Data Link

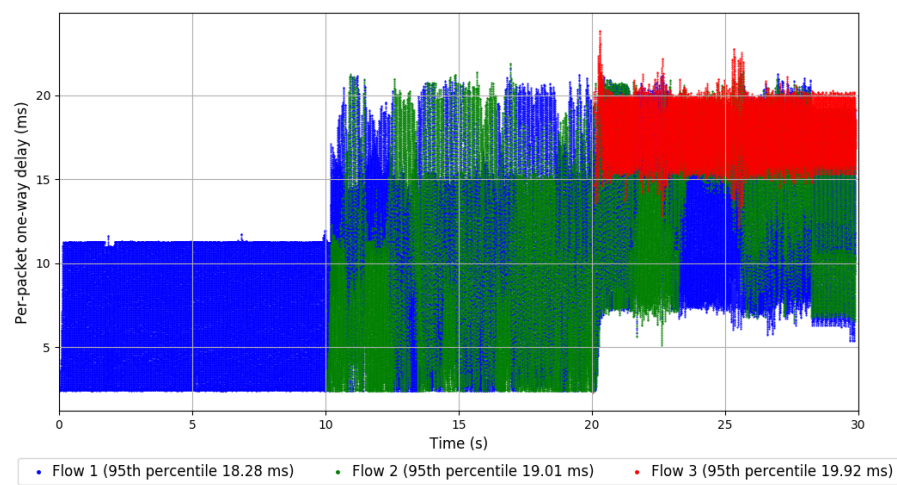
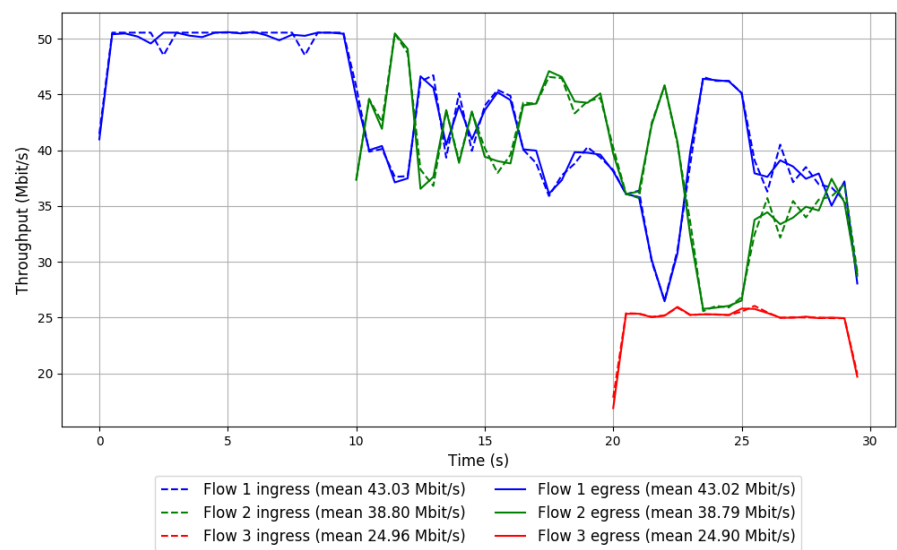


Run 2: Statistics of Sprout

Start at: 2018-03-06 12:22:15
End at: 2018-03-06 12:22:45
Local clock offset: -5.048 ms
Remote clock offset: -7.238 ms

Below is generated by plot.py at 2018-03-06 18:43:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 19.152 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 18.276 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.79 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.90 Mbit/s
95th percentile per-packet one-way delay: 19.921 ms
Loss rate: 0.25%

Run 2: Report of Sprout — Data Link

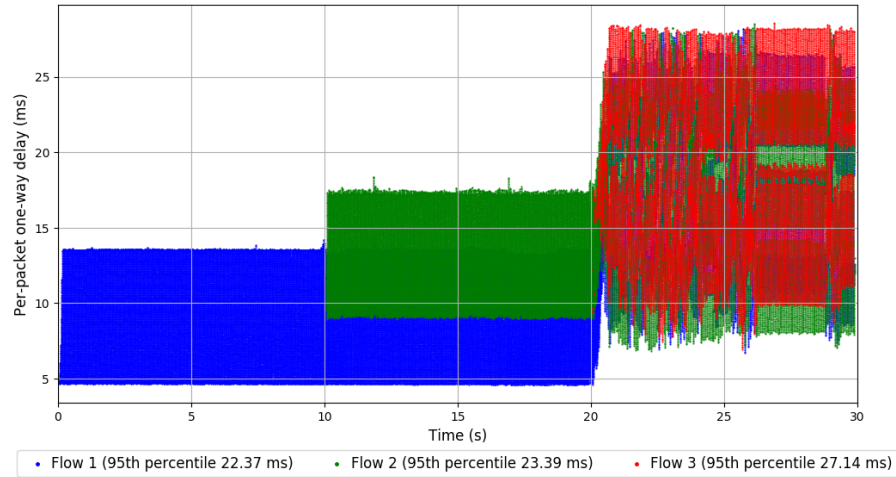
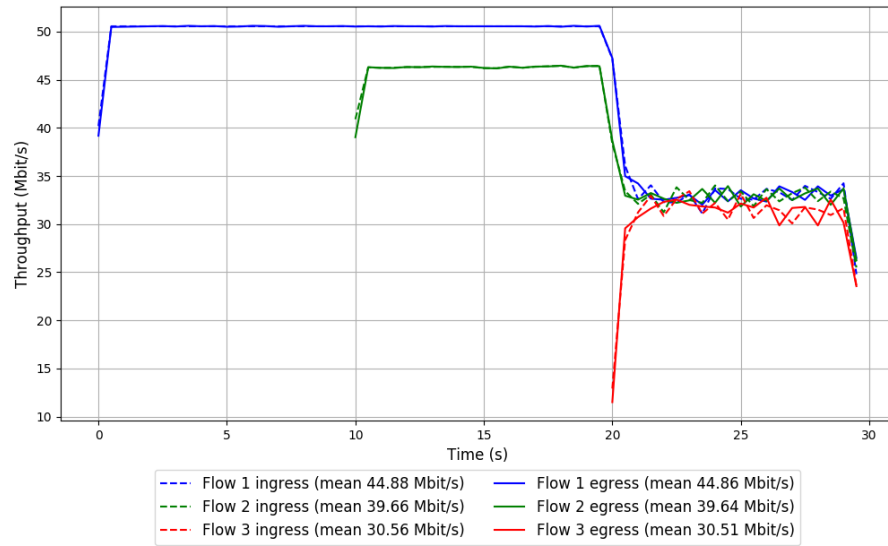


Run 3: Statistics of Sprout

Start at: 2018-03-06 12:42:41
End at: 2018-03-06 12:43:11
Local clock offset: -1.59 ms
Remote clock offset: -9.656 ms

Below is generated by plot.py at 2018-03-06 18:43:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 24.254 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 44.86 Mbit/s
95th percentile per-packet one-way delay: 22.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 23.393 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 27.145 ms
Loss rate: 0.28%

Run 3: Report of Sprout — Data Link

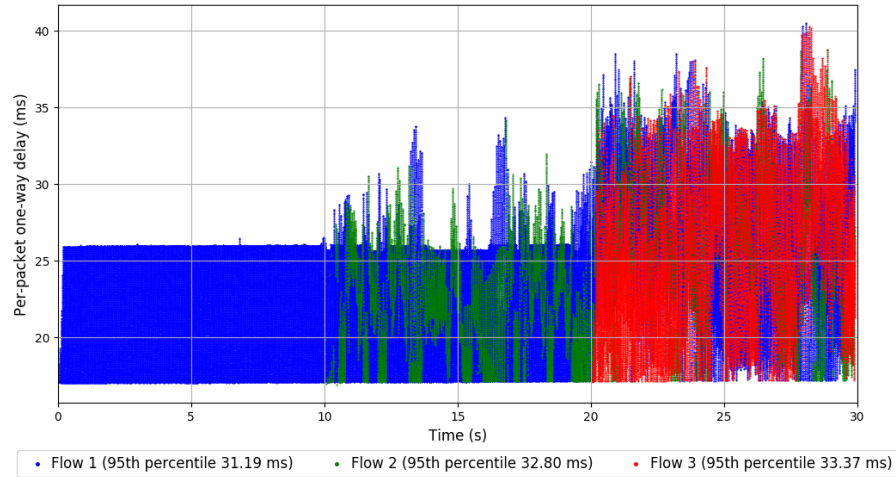
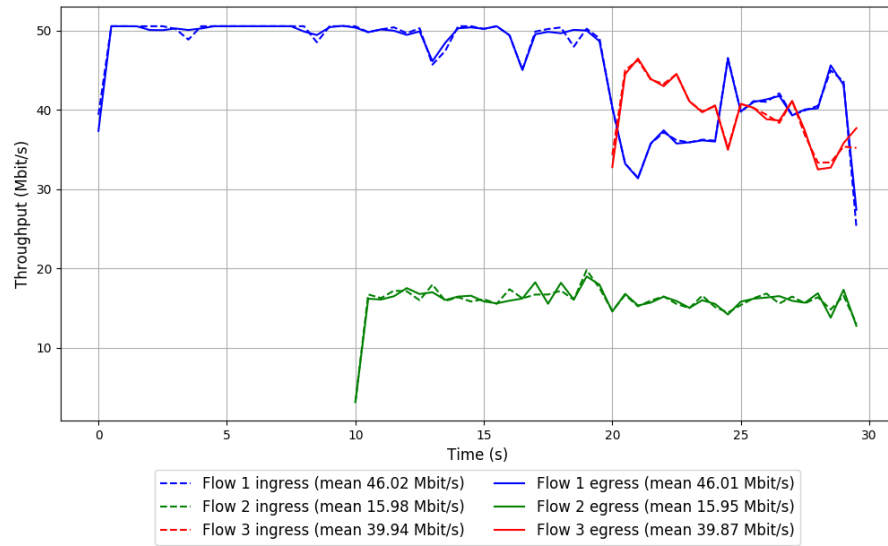


Run 4: Statistics of Sprout

Start at: 2018-03-06 13:03:08
End at: 2018-03-06 13:03:38
Local clock offset: -0.904 ms
Remote clock offset: -21.808 ms

```
# Below is generated by plot.py at 2018-03-06 18:43:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 69.78 Mbit/s
95th percentile per-packet one-way delay: 32.127 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.01 Mbit/s
95th percentile per-packet one-way delay: 31.193 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 32.800 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 33.374 ms
Loss rate: 0.07%
```

Run 4: Report of Sprout — Data Link

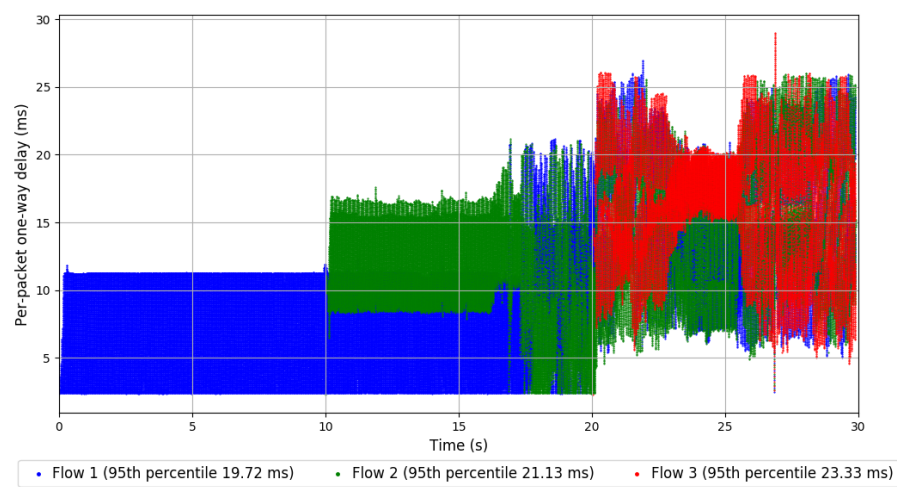
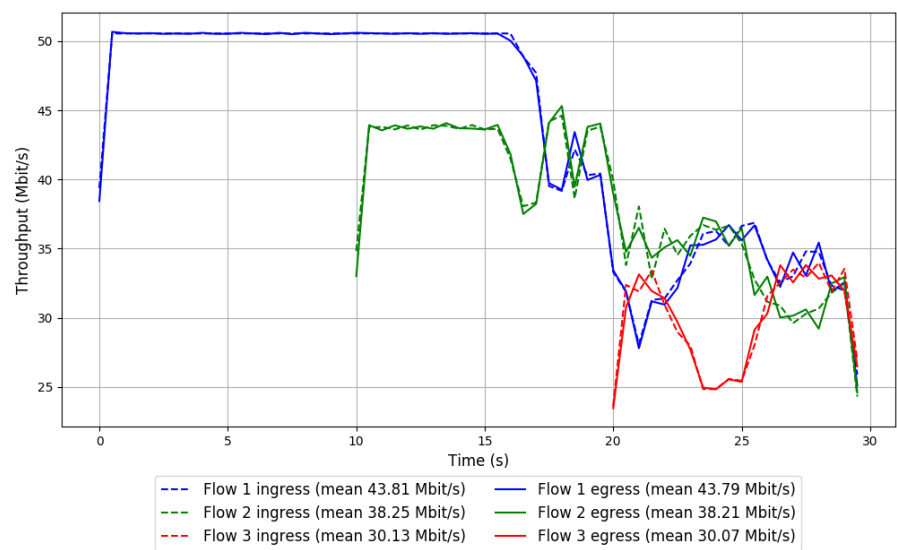


Run 5: Statistics of Sprout

Start at: 2018-03-06 13:23:34
End at: 2018-03-06 13:24:04
Local clock offset: -4.354 ms
Remote clock offset: -7.269 ms

```
# Below is generated by plot.py at 2018-03-06 18:43:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.10 Mbit/s
95th percentile per-packet one-way delay: 21.125 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 43.79 Mbit/s
95th percentile per-packet one-way delay: 19.721 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.21 Mbit/s
95th percentile per-packet one-way delay: 21.126 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.07 Mbit/s
95th percentile per-packet one-way delay: 23.329 ms
Loss rate: 0.34%
```

Run 5: Report of Sprout — Data Link

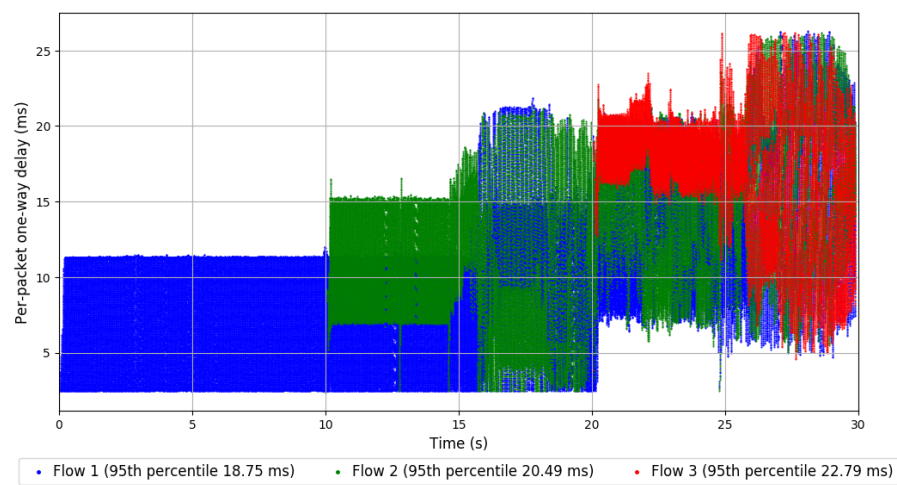
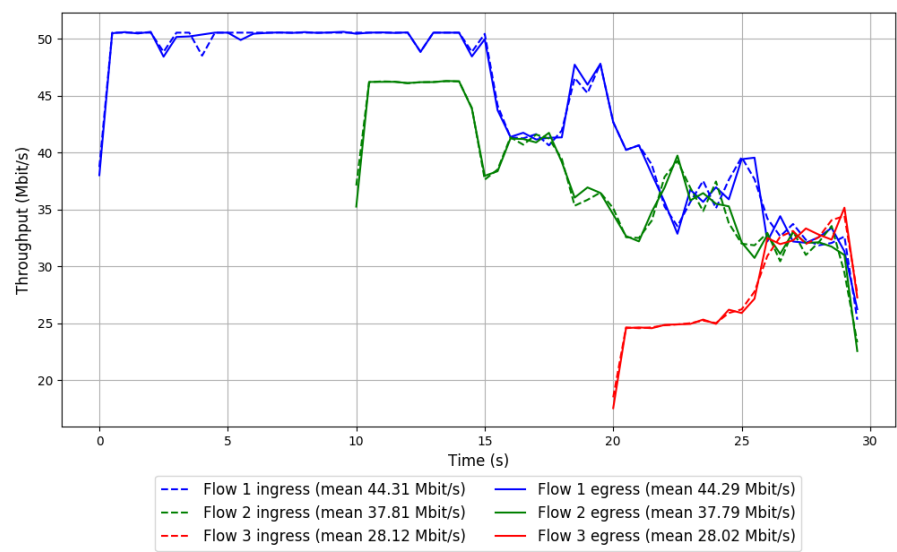


Run 6: Statistics of Sprout

Start at: 2018-03-06 13:44:01
End at: 2018-03-06 13:44:31
Local clock offset: -5.565 ms
Remote clock offset: -7.183 ms

Below is generated by plot.py at 2018-03-06 18:43:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.67 Mbit/s
95th percentile per-packet one-way delay: 20.377 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 44.29 Mbit/s
95th percentile per-packet one-way delay: 18.745 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.79 Mbit/s
95th percentile per-packet one-way delay: 20.493 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 22.793 ms
Loss rate: 0.25%

Run 6: Report of Sprout — Data Link

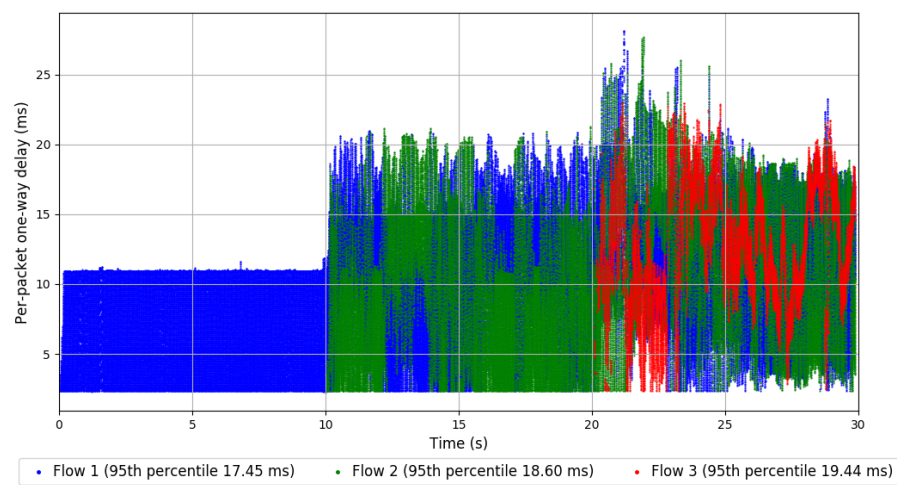
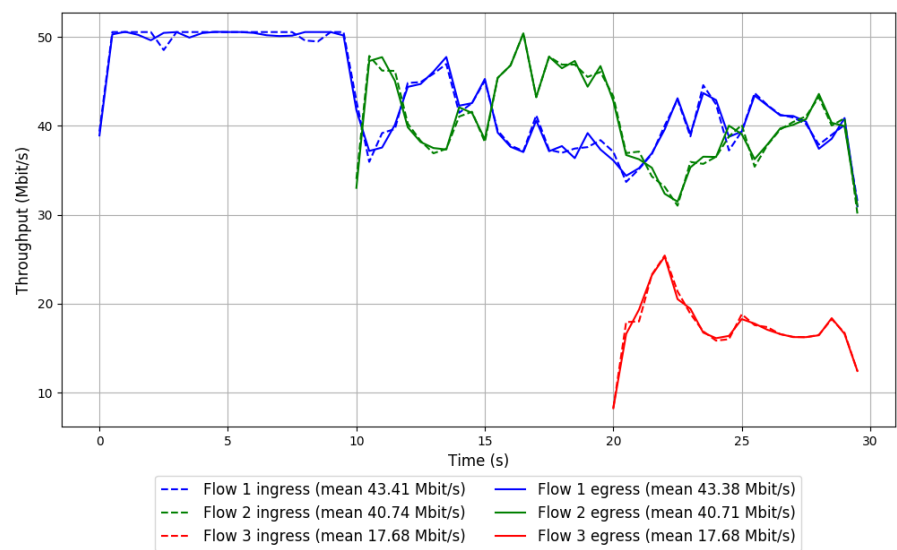


Run 7: Statistics of Sprout

Start at: 2018-03-06 14:04:26
End at: 2018-03-06 14:04:56
Local clock offset: -6.398 ms
Remote clock offset: -6.998 ms

Below is generated by plot.py at 2018-03-06 18:43:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.29 Mbit/s
95th percentile per-packet one-way delay: 18.122 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 43.38 Mbit/s
95th percentile per-packet one-way delay: 17.453 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 18.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 17.68 Mbit/s
95th percentile per-packet one-way delay: 19.438 ms
Loss rate: 0.20%

Run 7: Report of Sprout — Data Link

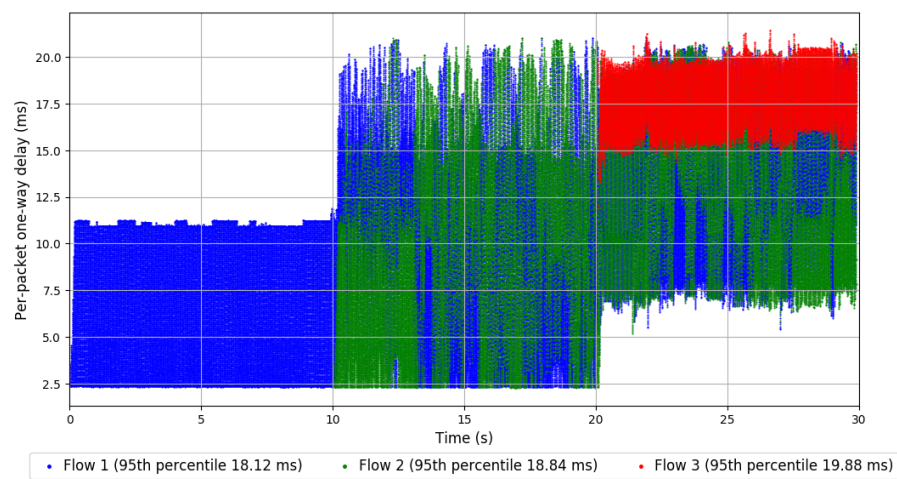
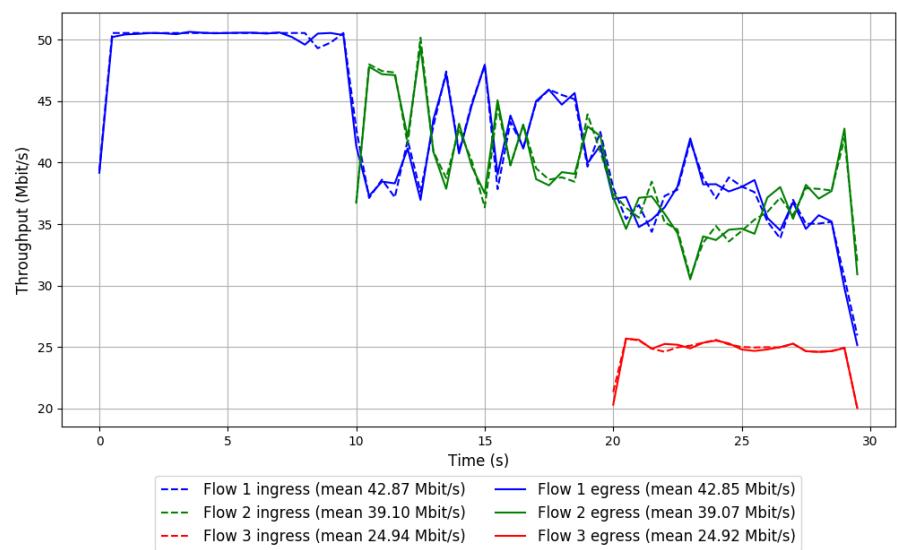


Run 8: Statistics of Sprout

Start at: 2018-03-06 14:24:50
End at: 2018-03-06 14:25:20
Local clock offset: -3.903 ms
Remote clock offset: -6.839 ms

Below is generated by plot.py at 2018-03-06 18:44:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.03 Mbit/s
95th percentile per-packet one-way delay: 19.026 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.85 Mbit/s
95th percentile per-packet one-way delay: 18.116 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 18.838 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 19.875 ms
Loss rate: 0.21%

Run 8: Report of Sprout — Data Link

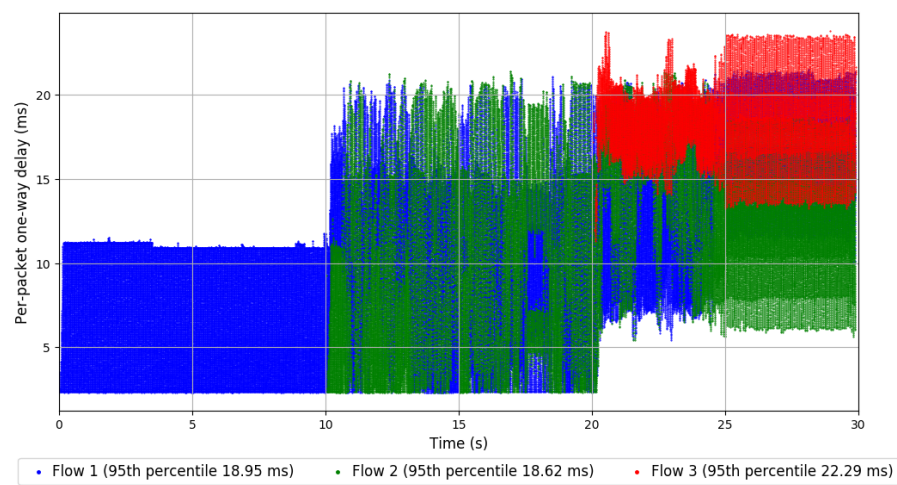
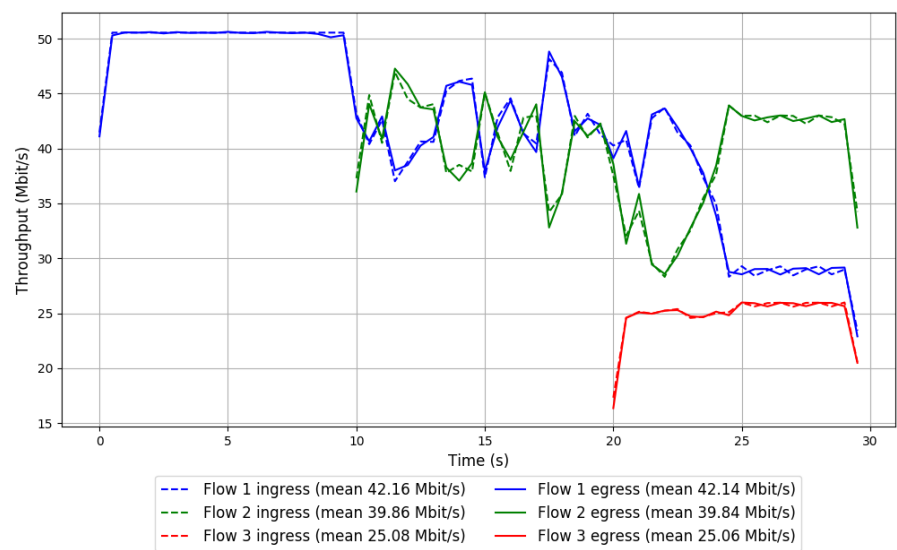


Run 9: Statistics of Sprout

Start at: 2018-03-06 14:45:13
End at: 2018-03-06 14:45:43
Local clock offset: -3.309 ms
Remote clock offset: -6.325 ms

Below is generated by plot.py at 2018-03-06 18:44:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.87 Mbit/s
95th percentile per-packet one-way delay: 19.668 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.14 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.84 Mbit/s
95th percentile per-packet one-way delay: 18.619 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 25.06 Mbit/s
95th percentile per-packet one-way delay: 22.289 ms
Loss rate: 0.25%

Run 9: Report of Sprout — Data Link

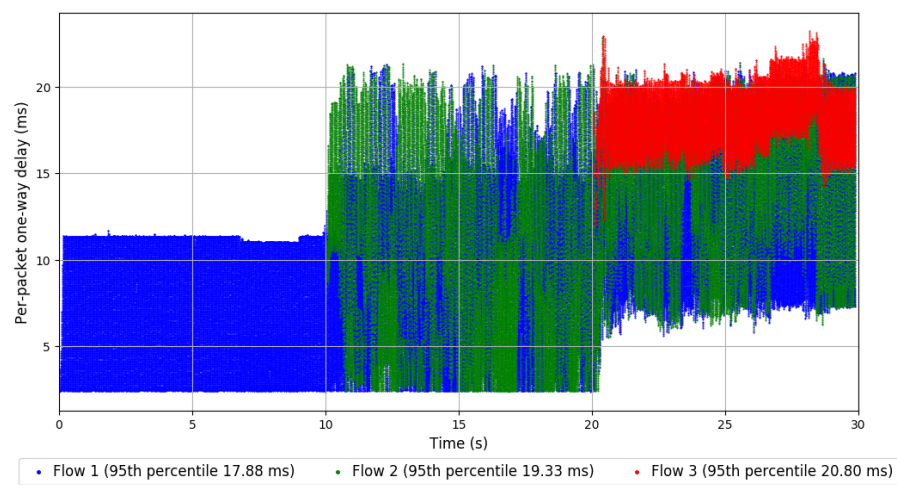
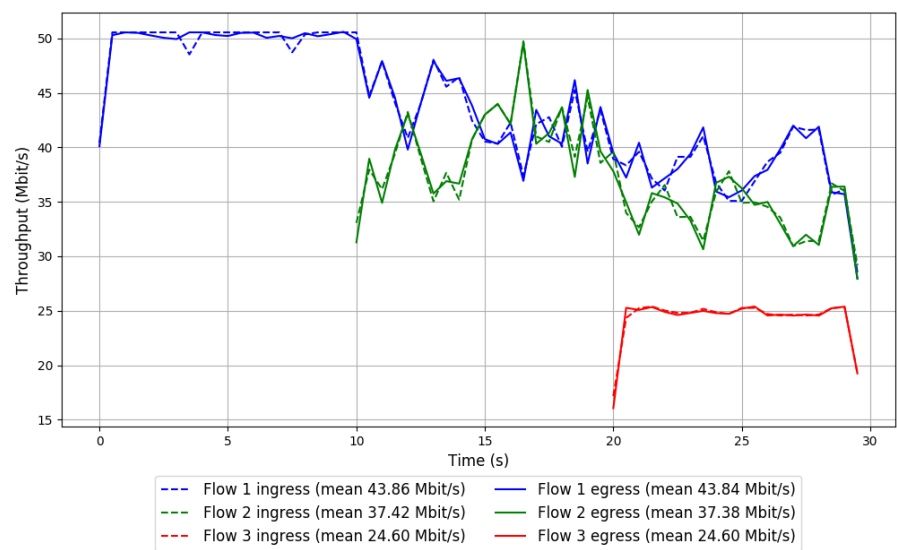


Run 10: Statistics of Sprout

Start at: 2018-03-06 15:05:38
End at: 2018-03-06 15:06:08
Local clock offset: -3.64 ms
Remote clock offset: -6.262 ms

Below is generated by plot.py at 2018-03-06 18:44:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.80 Mbit/s
95th percentile per-packet one-way delay: 19.426 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 43.84 Mbit/s
95th percentile per-packet one-way delay: 17.878 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 19.332 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 20.796 ms
Loss rate: 0.21%

Run 10: Report of Sprout — Data Link

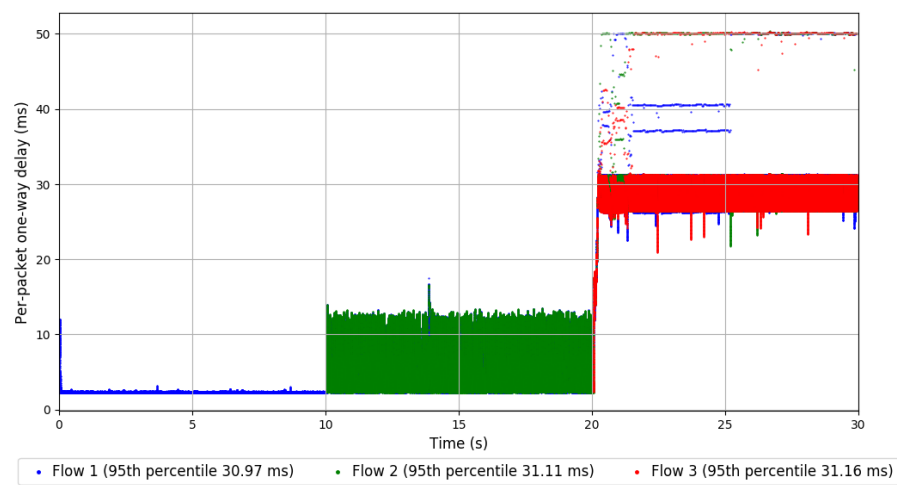
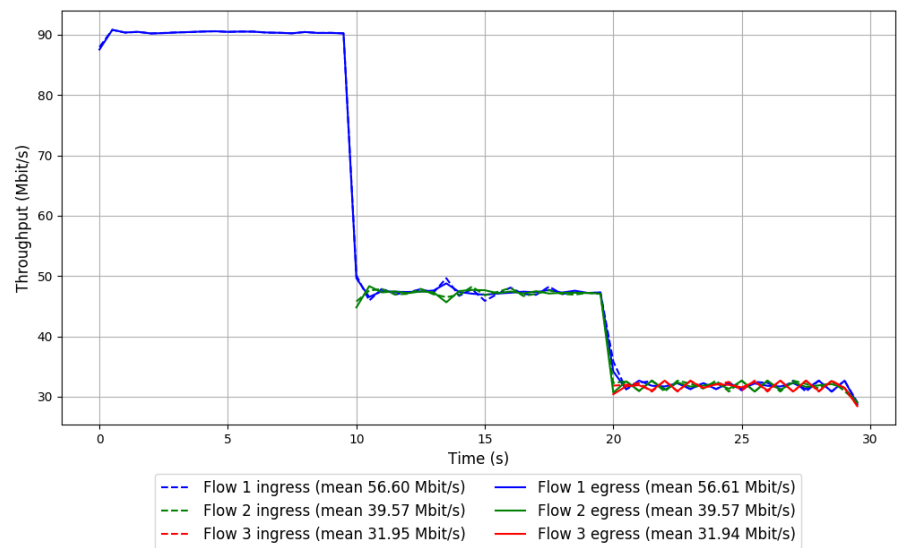


Run 1: Statistics of TaoVA-100x

Start at: 2018-03-06 11:59:25
End at: 2018-03-06 11:59:55
Local clock offset: -5.162 ms
Remote clock offset: -6.894 ms

Below is generated by plot.py at 2018-03-06 18:46:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 31.099 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 30.966 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 31.115 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 31.160 ms
Loss rate: 0.29%

Run 1: Report of TaoVA-100x — Data Link

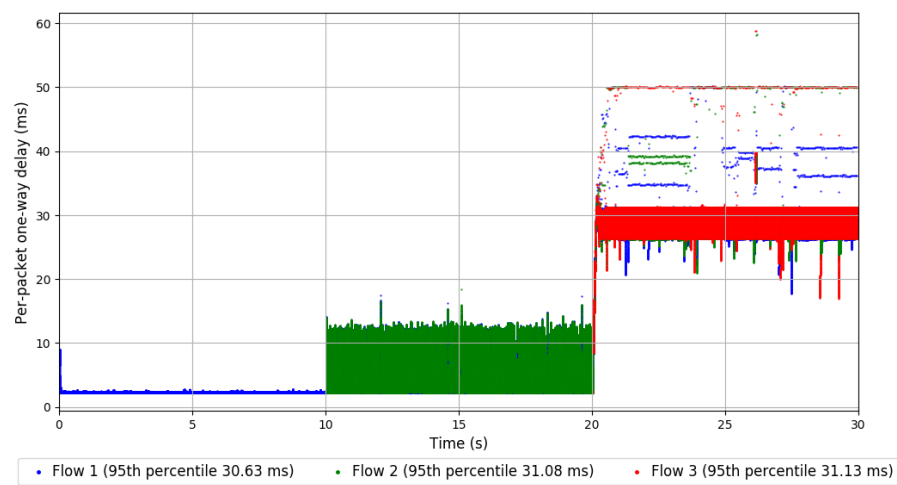
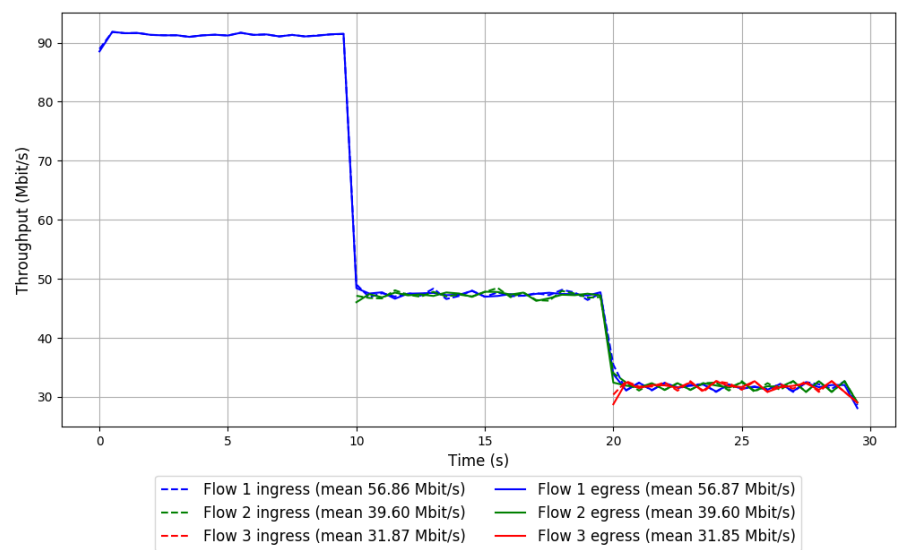


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-06 12:19:52
End at: 2018-03-06 12:20:22
Local clock offset: -5.105 ms
Remote clock offset: -7.161 ms

Below is generated by plot.py at 2018-03-06 18:46:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.76 Mbit/s
95th percentile per-packet one-way delay: 31.054 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 30.627 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.60 Mbit/s
95th percentile per-packet one-way delay: 31.076 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 31.130 ms
Loss rate: 0.29%

Run 2: Report of TaoVA-100x — Data Link

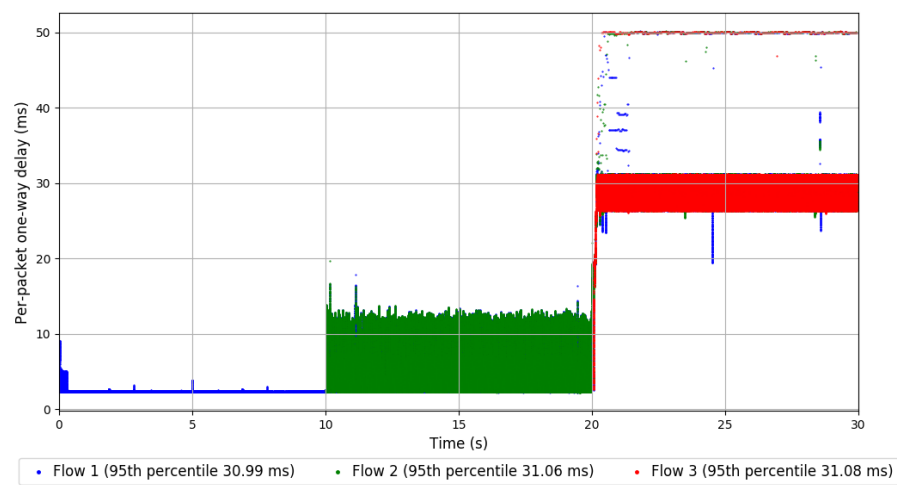
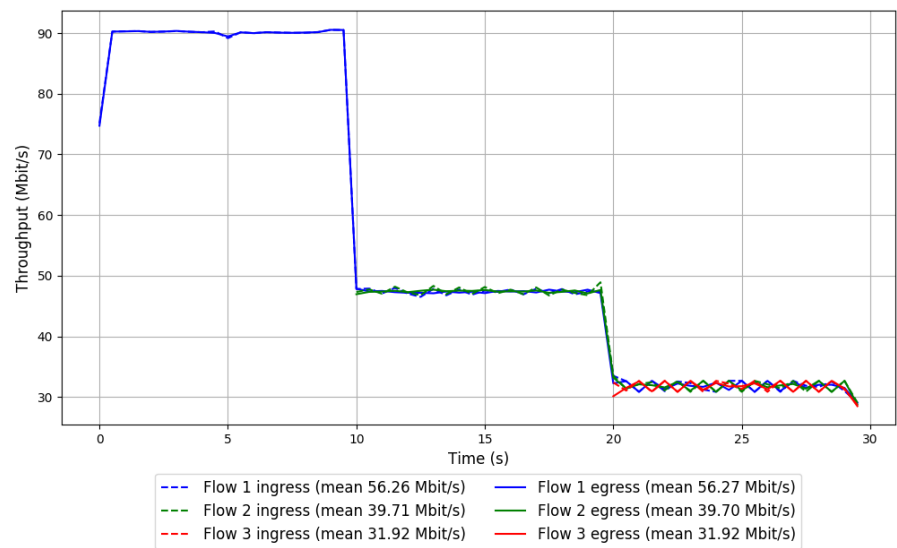


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-06 12:40:18
End at: 2018-03-06 12:40:48
Local clock offset: -1.88 ms
Remote clock offset: -7.299 ms

Below is generated by plot.py at 2018-03-06 18:46:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.24 Mbit/s
95th percentile per-packet one-way delay: 31.047 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 30.991 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 39.70 Mbit/s
95th percentile per-packet one-way delay: 31.064 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 31.082 ms
Loss rate: 0.29%

Run 3: Report of TaoVA-100x — Data Link

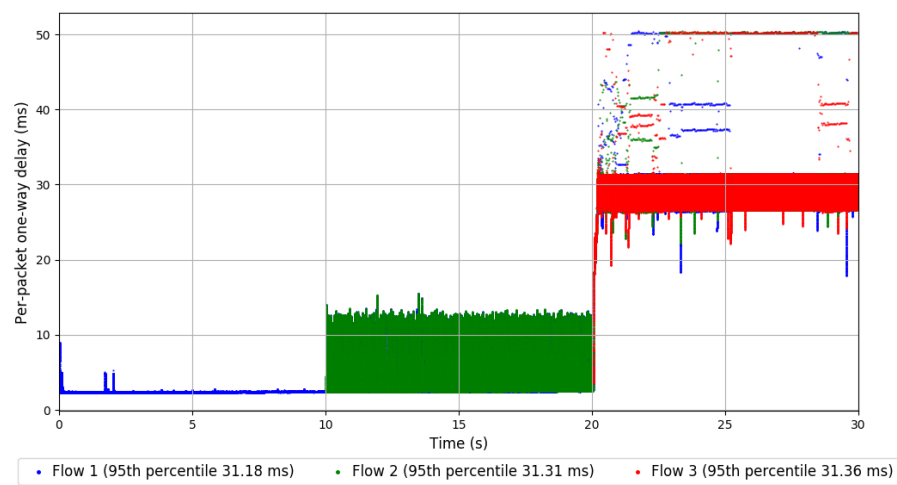
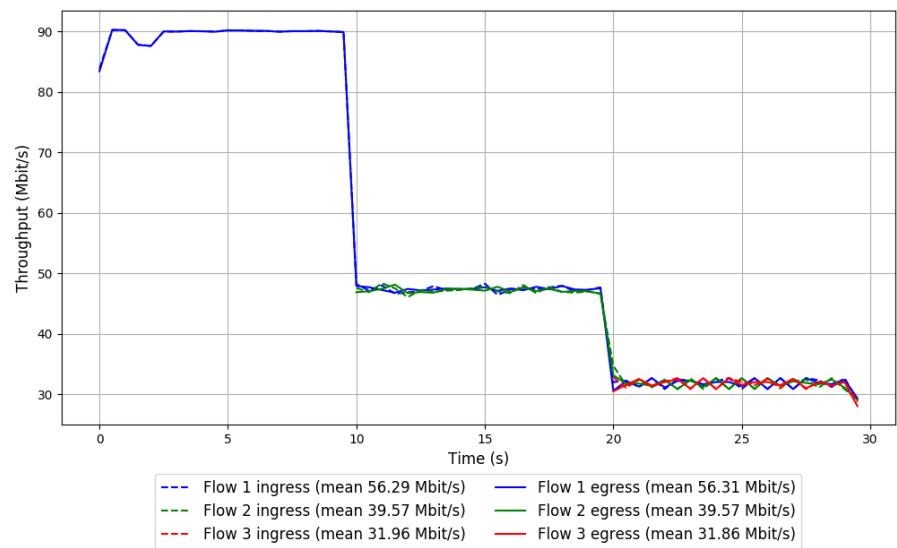


Run 4: Statistics of TaoVA-100x

Start at: 2018-03-06 13:00:45
End at: 2018-03-06 13:01:15
Local clock offset: -0.005 ms
Remote clock offset: -7.348 ms

Below is generated by plot.py at 2018-03-06 18:46:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 31.293 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 31.177 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 31.308 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 31.357 ms
Loss rate: 0.40%

Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-06 13:21:11

End at: 2018-03-06 13:21:41

Local clock offset: -4.283 ms

Remote clock offset: -7.31 ms

Below is generated by plot.py at 2018-03-06 18:46:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 31.138 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 56.24 Mbit/s

95th percentile per-packet one-way delay: 31.063 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 39.71 Mbit/s

95th percentile per-packet one-way delay: 31.163 ms

Loss rate: 0.12%

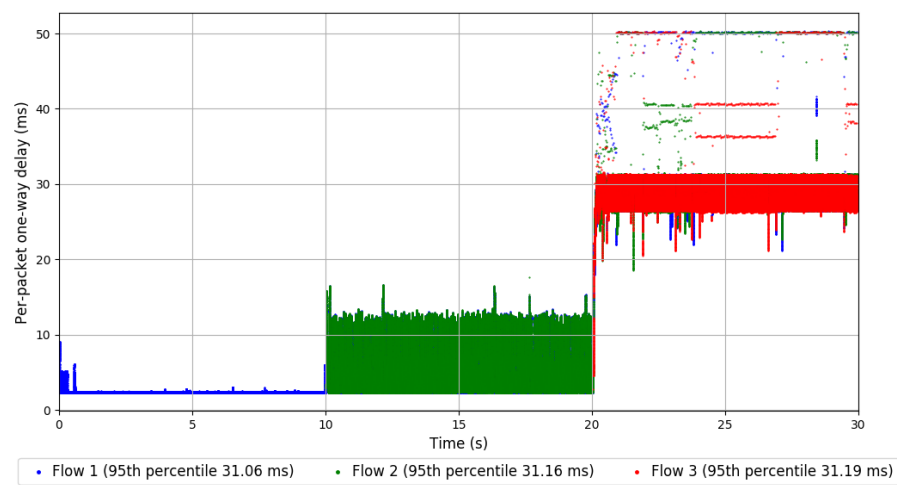
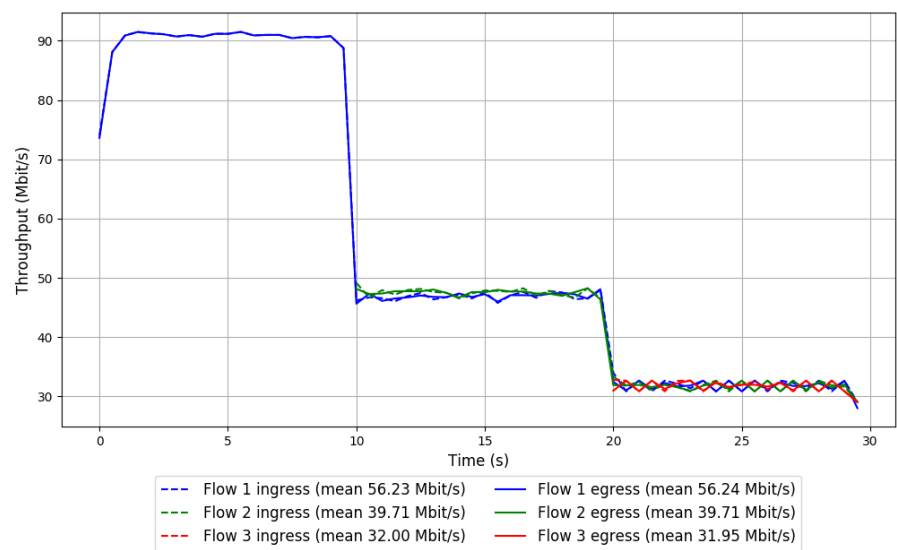
-- Flow 3:

Average throughput: 31.95 Mbit/s

95th percentile per-packet one-way delay: 31.192 ms

Loss rate: 0.29%

Run 5: Report of TaoVA-100x — Data Link



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-06 13:41:38

End at: 2018-03-06 13:42:08

Local clock offset: -5.449 ms

Remote clock offset: -7.19 ms

Below is generated by plot.py at 2018-03-06 18:46:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.41 Mbit/s

95th percentile per-packet one-way delay: 31.182 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 56.48 Mbit/s

95th percentile per-packet one-way delay: 31.119 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 39.64 Mbit/s

95th percentile per-packet one-way delay: 31.197 ms

Loss rate: 0.12%

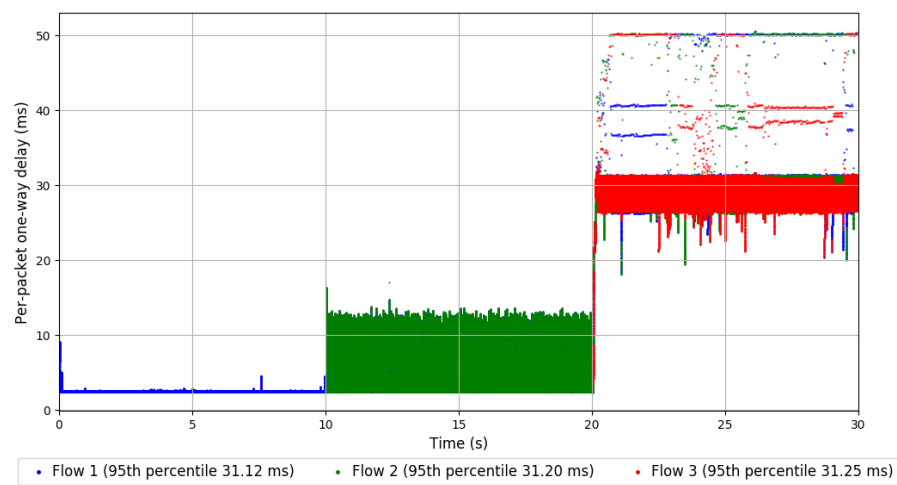
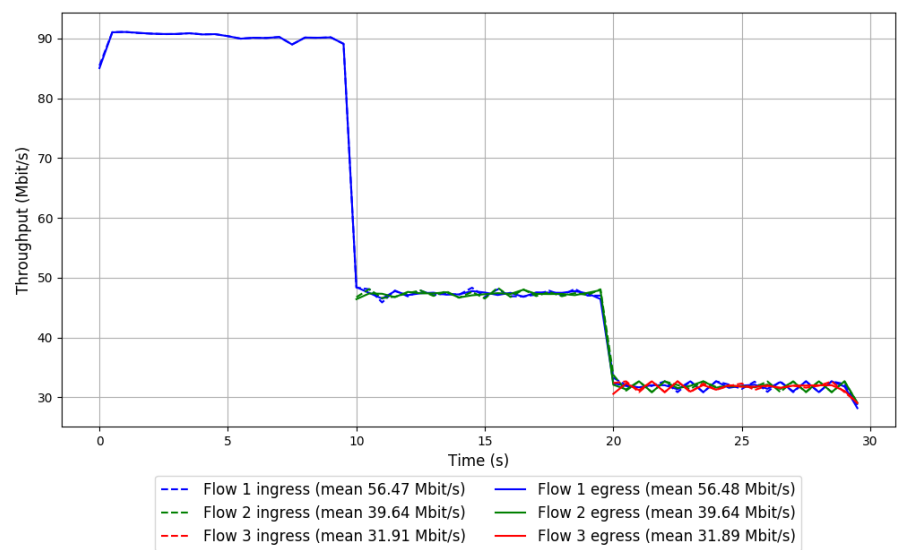
-- Flow 3:

Average throughput: 31.89 Mbit/s

95th percentile per-packet one-way delay: 31.247 ms

Loss rate: 0.29%

Run 6: Report of TaoVA-100x — Data Link

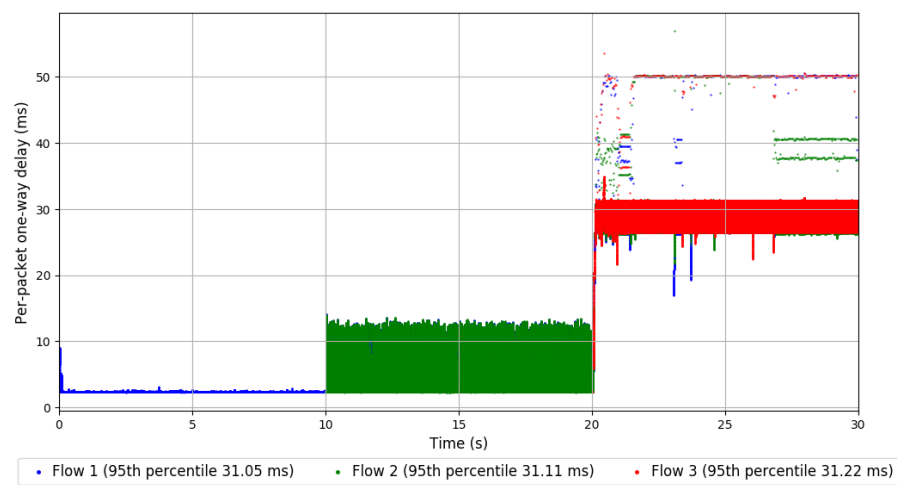
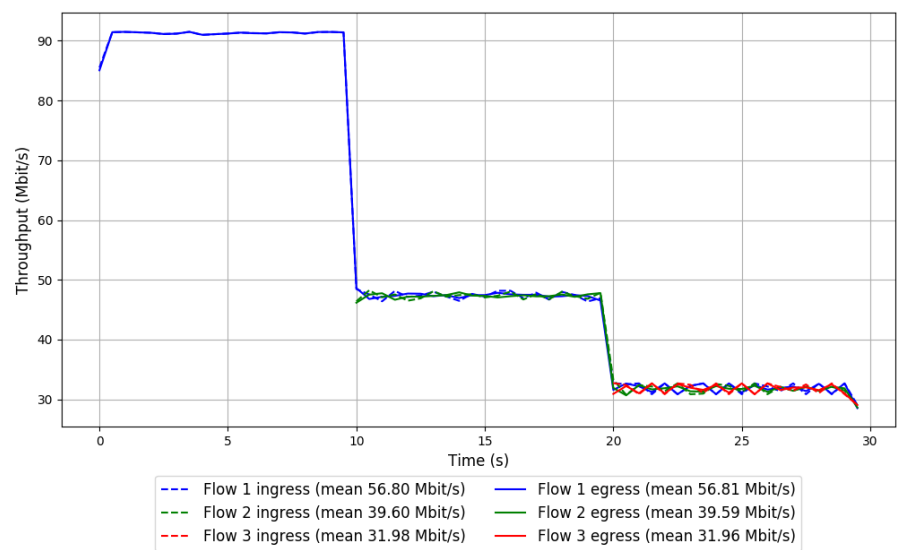


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-06 14:02:02
End at: 2018-03-06 14:02:32
Local clock offset: -6.321 ms
Remote clock offset: -7.015 ms

Below is generated by plot.py at 2018-03-06 18:47:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 31.127 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: 31.052 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 39.59 Mbit/s
95th percentile per-packet one-way delay: 31.105 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 31.222 ms
Loss rate: 0.29%

Run 7: Report of TaoVA-100x — Data Link

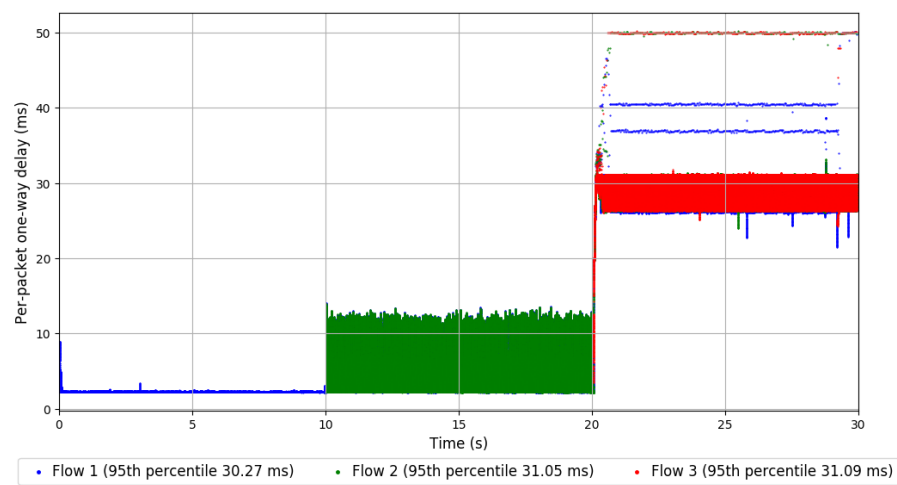
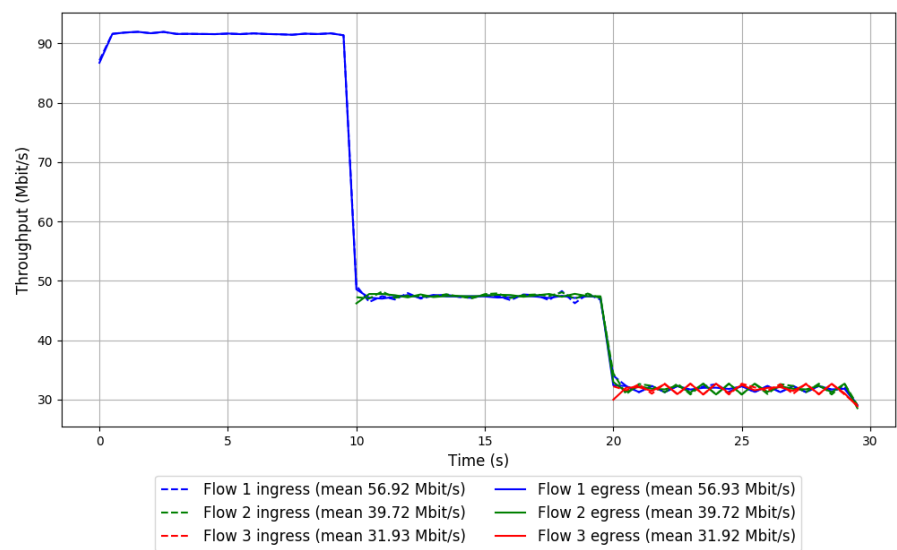


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-06 14:22:27
End at: 2018-03-06 14:22:57
Local clock offset: -4.144 ms
Remote clock offset: -6.854 ms

Below is generated by plot.py at 2018-03-06 18:47:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 31.017 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 30.268 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 31.051 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 31.091 ms
Loss rate: 0.29%

Run 8: Report of TaoVA-100x — Data Link

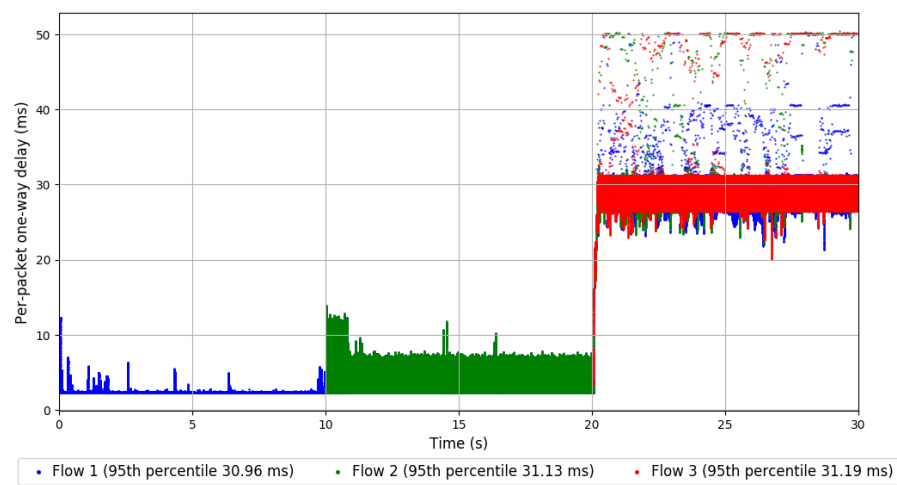
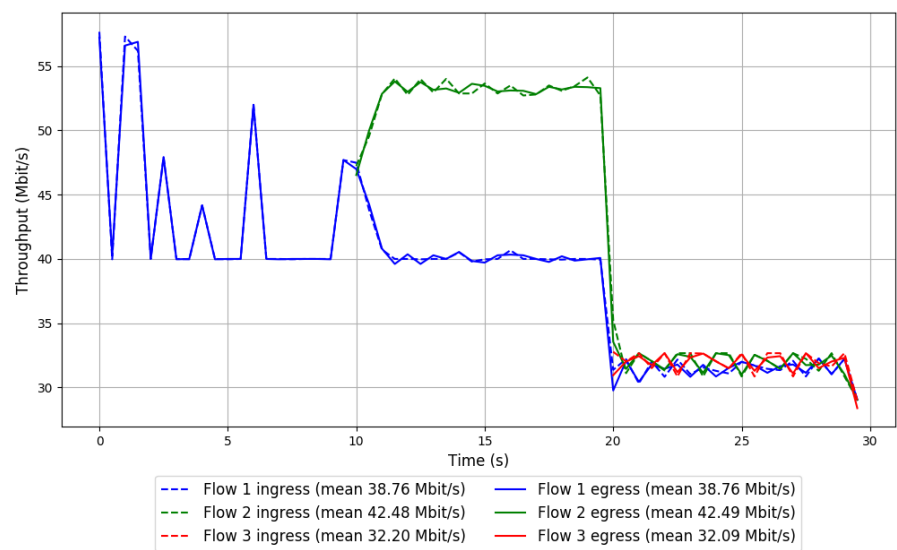


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-06 14:42:52
End at: 2018-03-06 14:43:22
Local clock offset: -3.139 ms
Remote clock offset: -6.357 ms

Below is generated by plot.py at 2018-03-06 18:48:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.64 Mbit/s
95th percentile per-packet one-way delay: 31.127 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 30.959 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 42.49 Mbit/s
95th percentile per-packet one-way delay: 31.129 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 31.189 ms
Loss rate: 0.43%

Run 9: Report of TaoVA-100x — Data Link

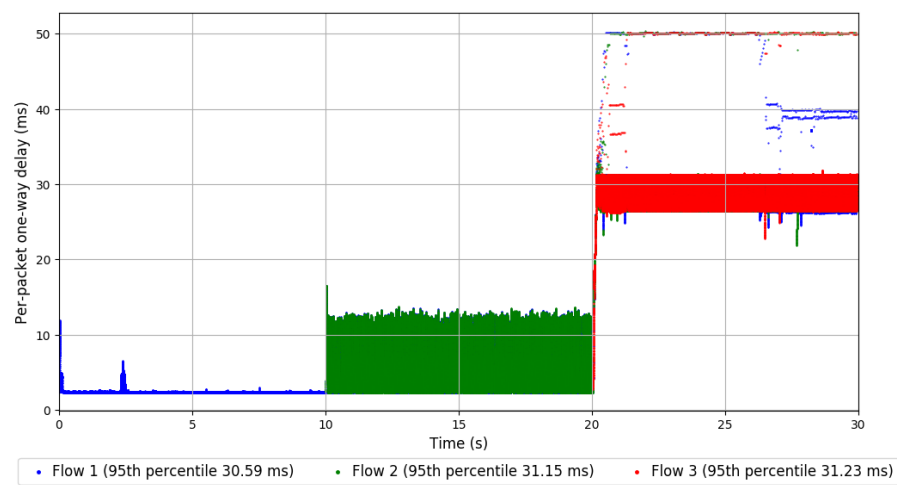
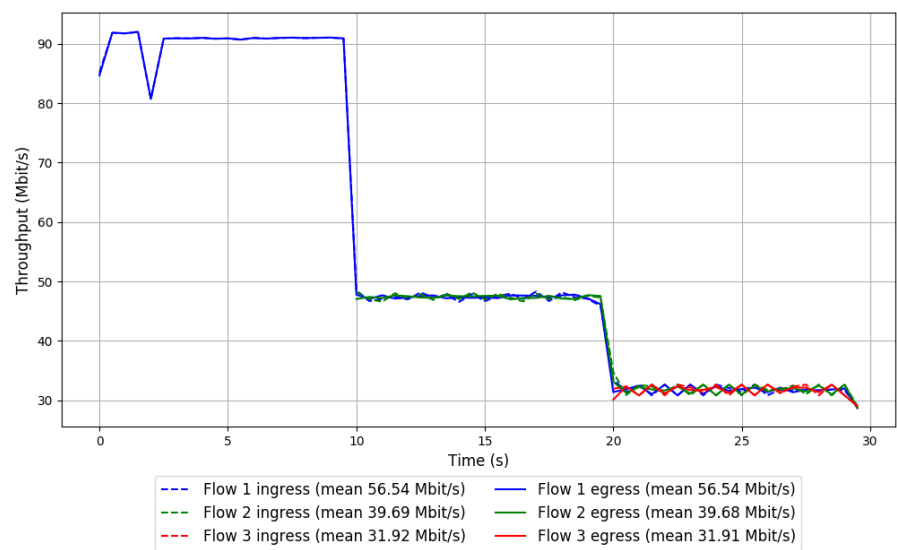


Run 10: Statistics of TaoVA-100x

Start at: 2018-03-06 15:03:16
End at: 2018-03-06 15:03:46
Local clock offset: -3.629 ms
Remote clock offset: -6.149 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 31.136 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.54 Mbit/s
95th percentile per-packet one-way delay: 30.590 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 31.146 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 31.225 ms
Loss rate: 0.29%

Run 10: Report of TaoVA-100x — Data Link

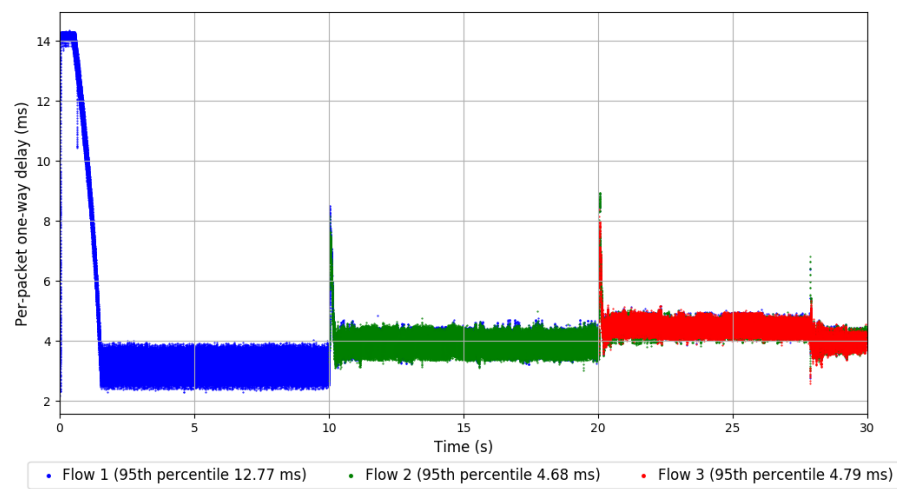
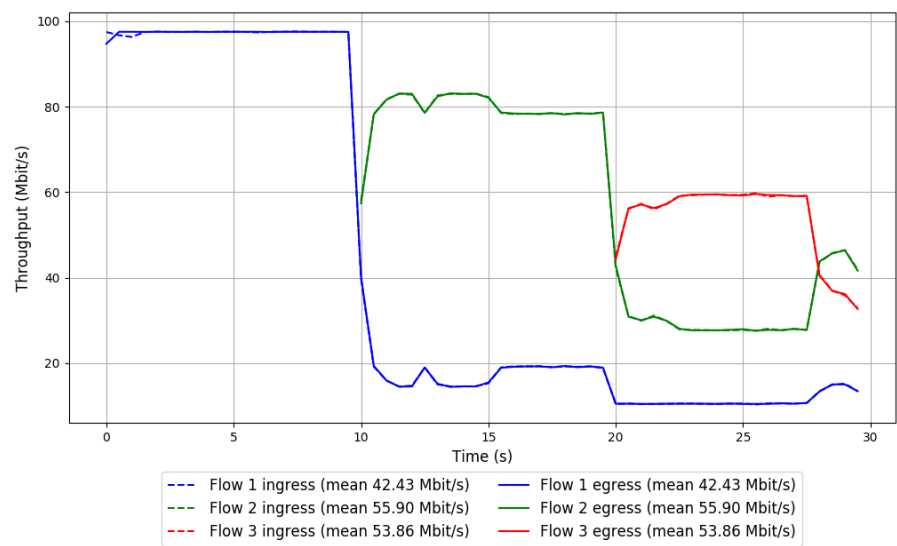


Run 1: Statistics of TCP Vegas

Start at: 2018-03-06 11:51:25
End at: 2018-03-06 11:51:55
Local clock offset: -5.211 ms
Remote clock offset: -6.951 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 5.799 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 42.43 Mbit/s
95th percentile per-packet one-way delay: 12.772 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 55.90 Mbit/s
95th percentile per-packet one-way delay: 4.677 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 53.86 Mbit/s
95th percentile per-packet one-way delay: 4.794 ms
Loss rate: 0.04%

Run 1: Report of TCP Vegas — Data Link

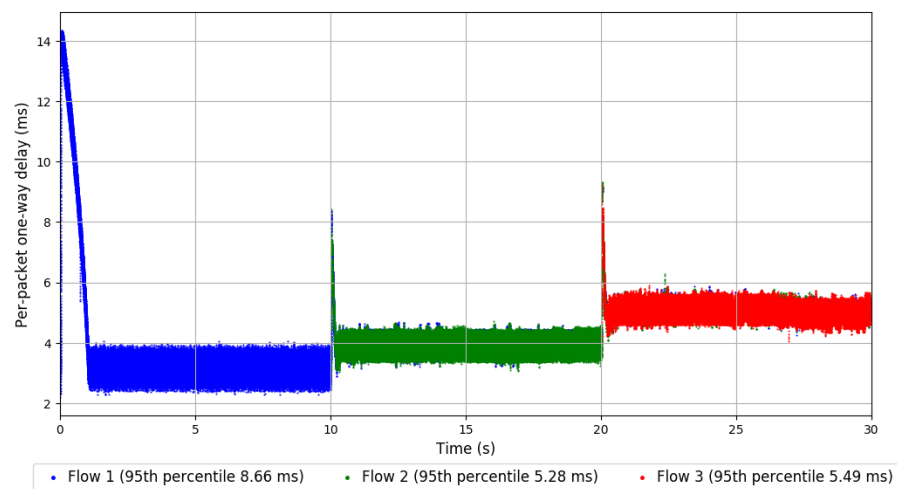
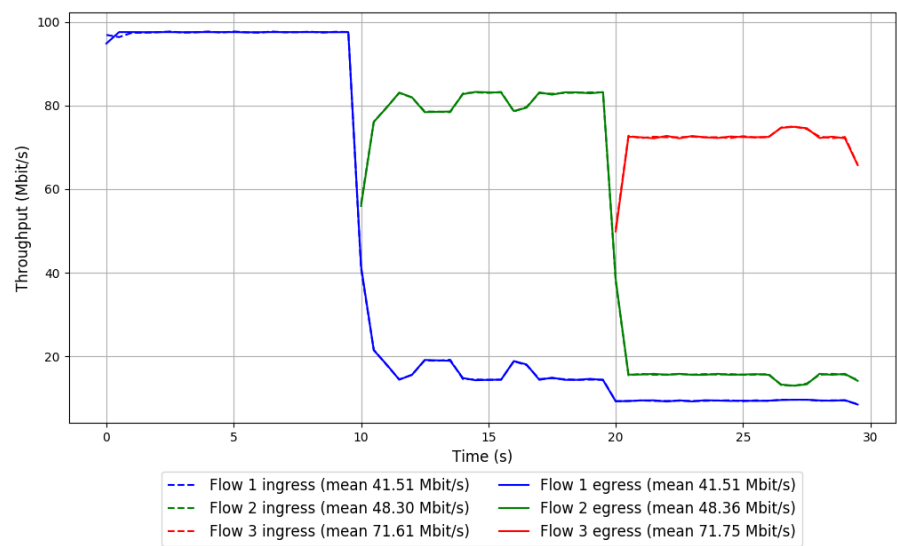


Run 2: Statistics of TCP Vegas

Start at: 2018-03-06 12:11:51
End at: 2018-03-06 12:12:21
Local clock offset: -5.074 ms
Remote clock offset: -6.846 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 5.510 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 41.51 Mbit/s
95th percentile per-packet one-way delay: 8.665 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 48.36 Mbit/s
95th percentile per-packet one-way delay: 5.282 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 71.75 Mbit/s
95th percentile per-packet one-way delay: 5.493 ms
Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link

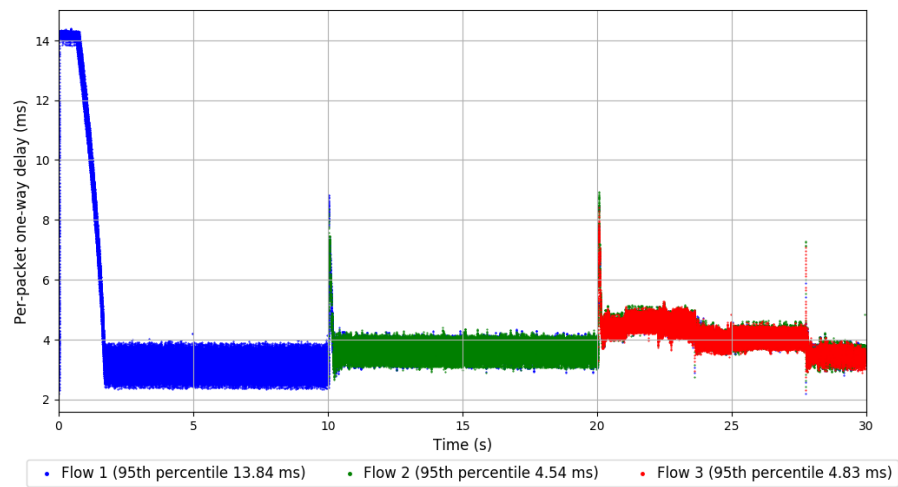
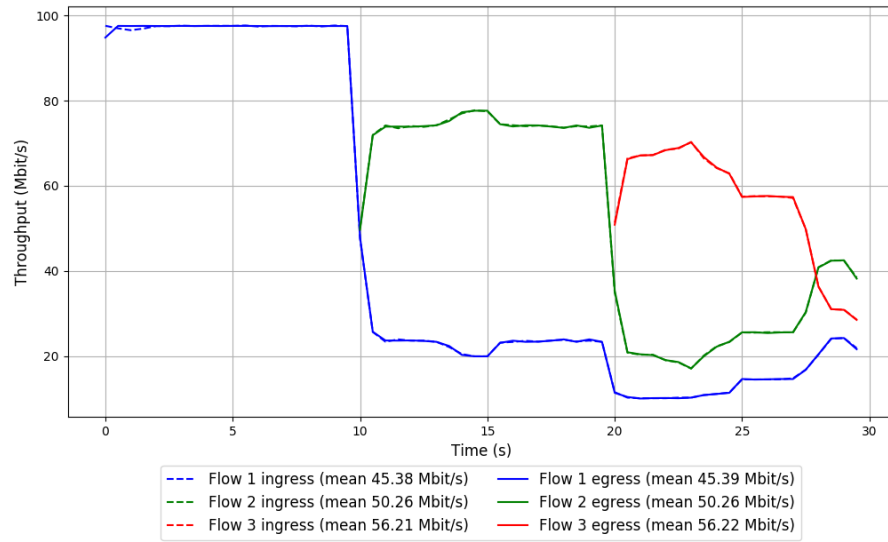


Run 3: Statistics of TCP Vegas

Start at: 2018-03-06 12:32:20
End at: 2018-03-06 12:32:50
Local clock offset: -3.363 ms
Remote clock offset: -7.327 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 6.882 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 45.39 Mbit/s
95th percentile per-packet one-way delay: 13.844 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 4.538 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 4.827 ms
Loss rate: 0.03%

Run 3: Report of TCP Vegas — Data Link

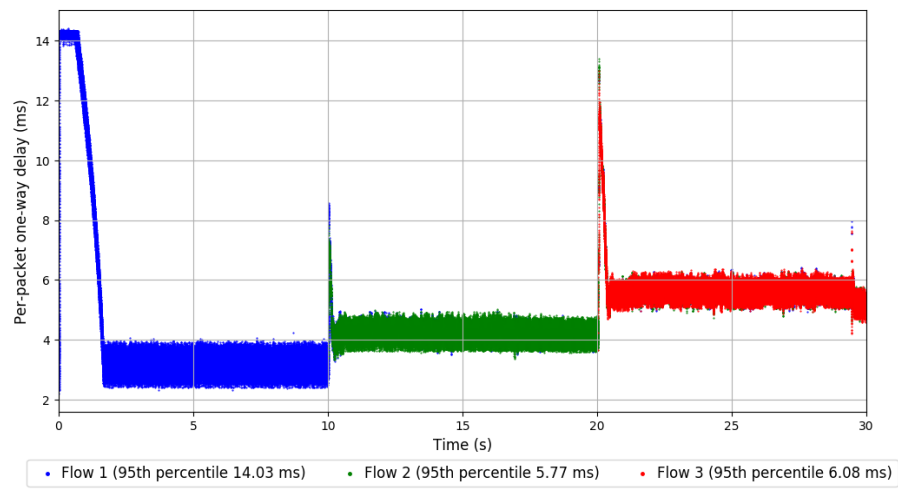
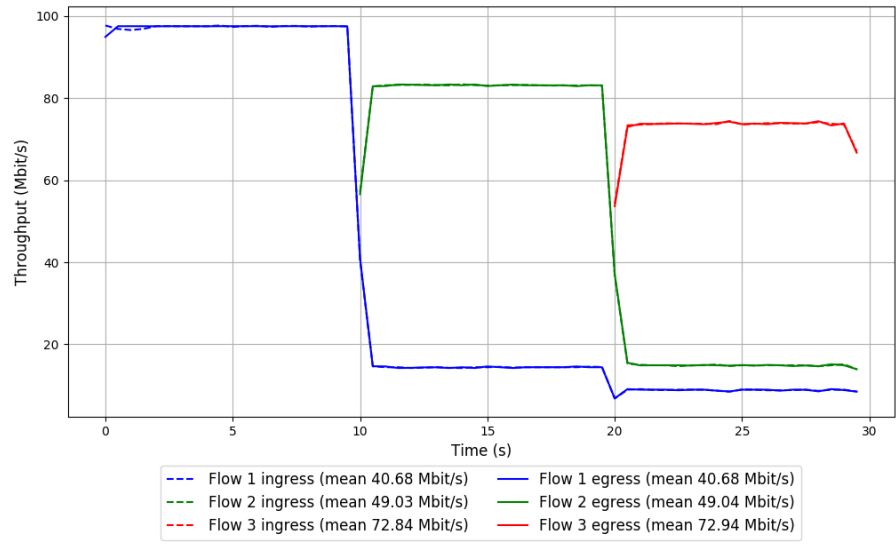


Run 4: Statistics of TCP Vegas

Start at: 2018-03-06 12:52:45
End at: 2018-03-06 12:53:15
Local clock offset: -0.602 ms
Remote clock offset: -7.328 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 8.128 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 40.68 Mbit/s
95th percentile per-packet one-way delay: 14.032 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 5.772 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 72.94 Mbit/s
95th percentile per-packet one-way delay: 6.083 ms
Loss rate: 0.08%

Run 4: Report of TCP Vegas — Data Link

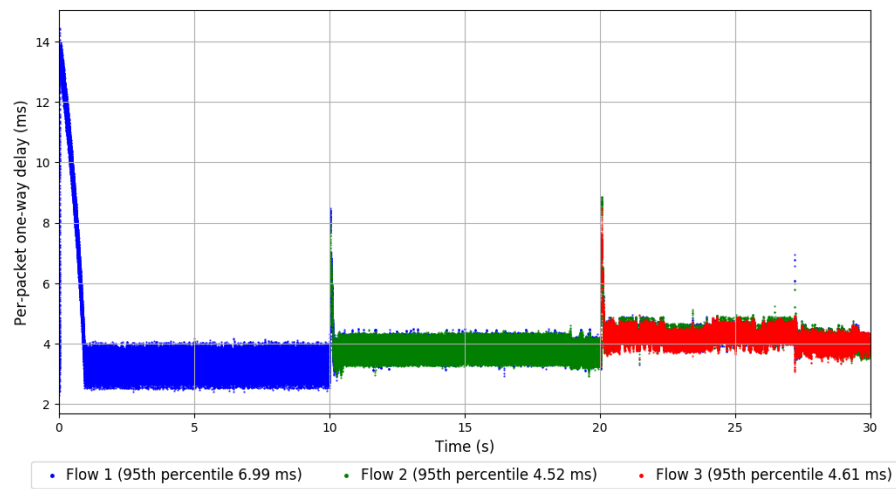
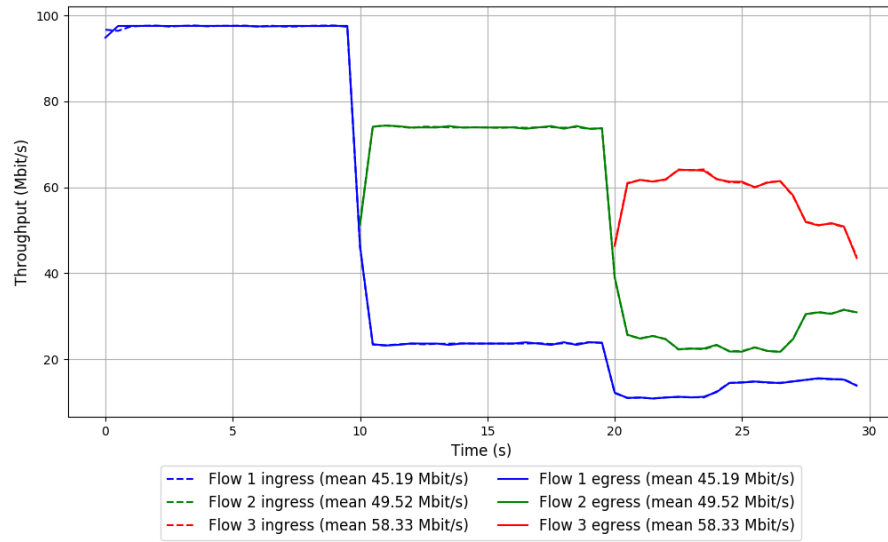


Run 5: Statistics of TCP Vegas

Start at: 2018-03-06 13:13:11
End at: 2018-03-06 13:13:41
Local clock offset: -3.508 ms
Remote clock offset: -7.352 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 4.634 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 45.19 Mbit/s
95th percentile per-packet one-way delay: 6.985 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 49.52 Mbit/s
95th percentile per-packet one-way delay: 4.519 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 4.612 ms
Loss rate: 0.05%

Run 5: Report of TCP Vegas — Data Link

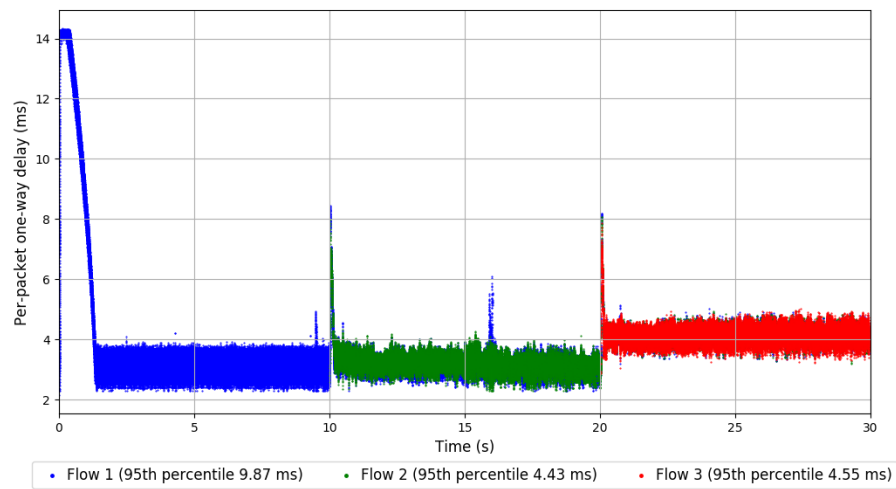
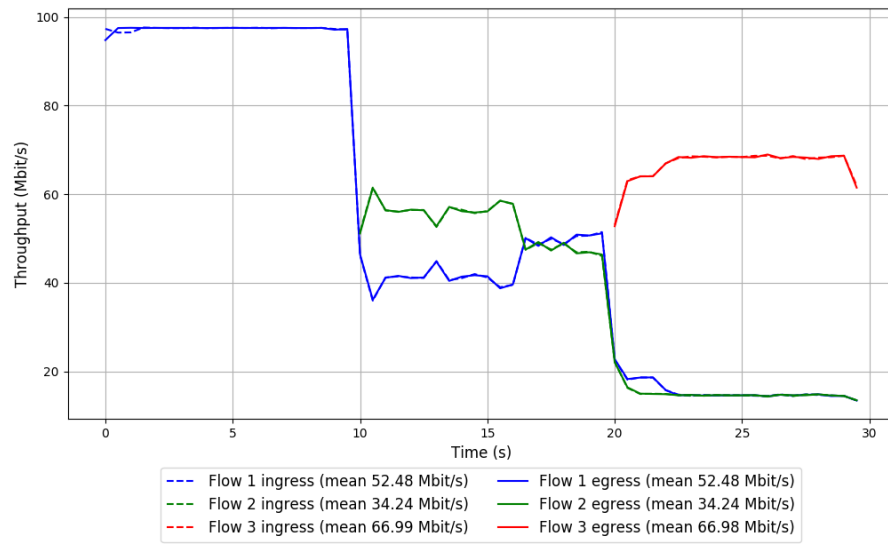


Run 6: Statistics of TCP Vegas

Start at: 2018-03-06 13:33:37
End at: 2018-03-06 13:34:07
Local clock offset: -4.686 ms
Remote clock offset: -7.162 ms

Below is generated by plot.py at 2018-03-06 18:48:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.699 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.48 Mbit/s
95th percentile per-packet one-way delay: 9.870 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.24 Mbit/s
95th percentile per-packet one-way delay: 4.429 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 66.98 Mbit/s
95th percentile per-packet one-way delay: 4.546 ms
Loss rate: 0.07%

Run 6: Report of TCP Vegas — Data Link

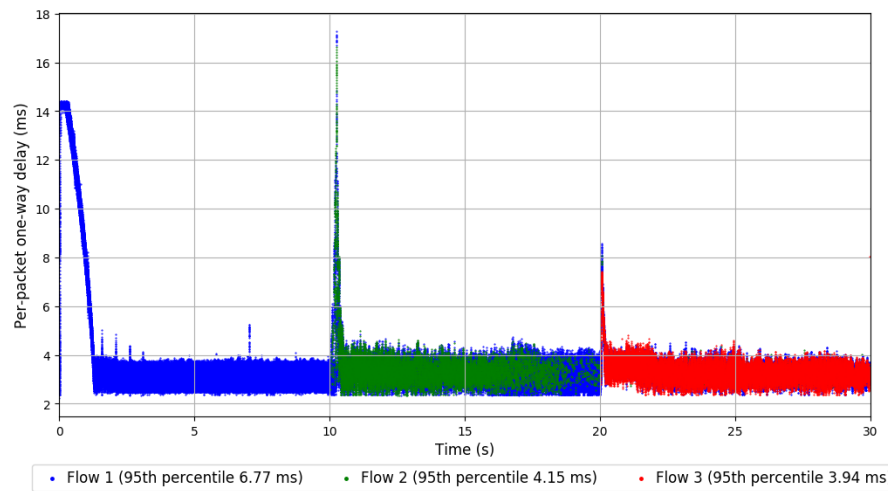
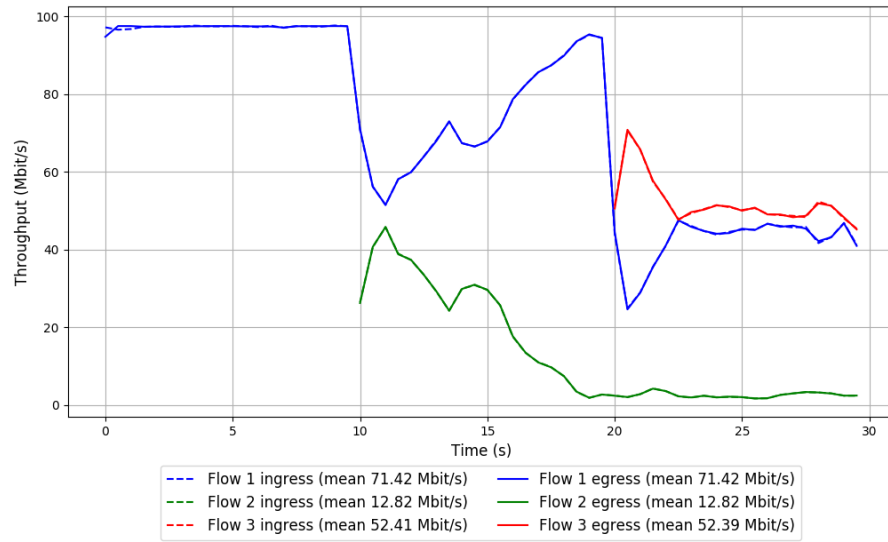


Run 7: Statistics of TCP Vegas

Start at: 2018-03-06 13:54:04
End at: 2018-03-06 13:54:34
Local clock offset: -6.035 ms
Remote clock offset: -7.042 ms

Below is generated by plot.py at 2018-03-06 18:49:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.30 Mbit/s
95th percentile per-packet one-way delay: 4.506 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 71.42 Mbit/s
95th percentile per-packet one-way delay: 6.772 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 4.152 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.39 Mbit/s
95th percentile per-packet one-way delay: 3.942 ms
Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link

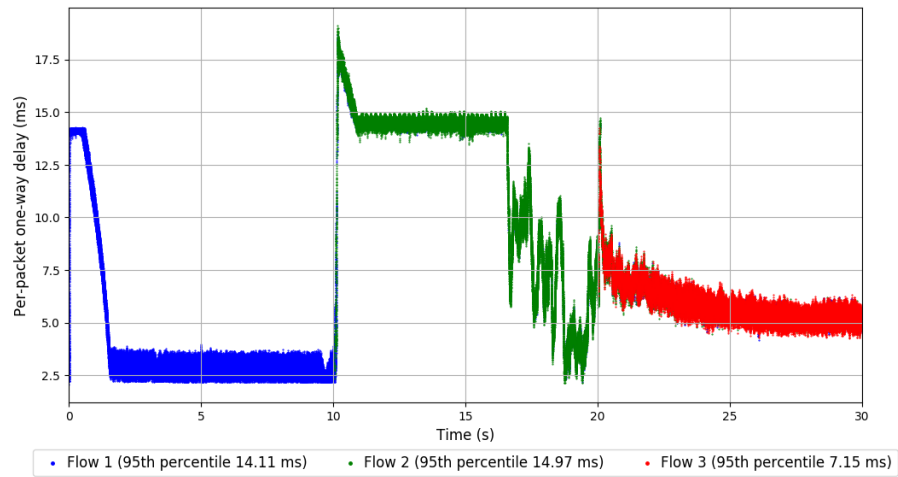
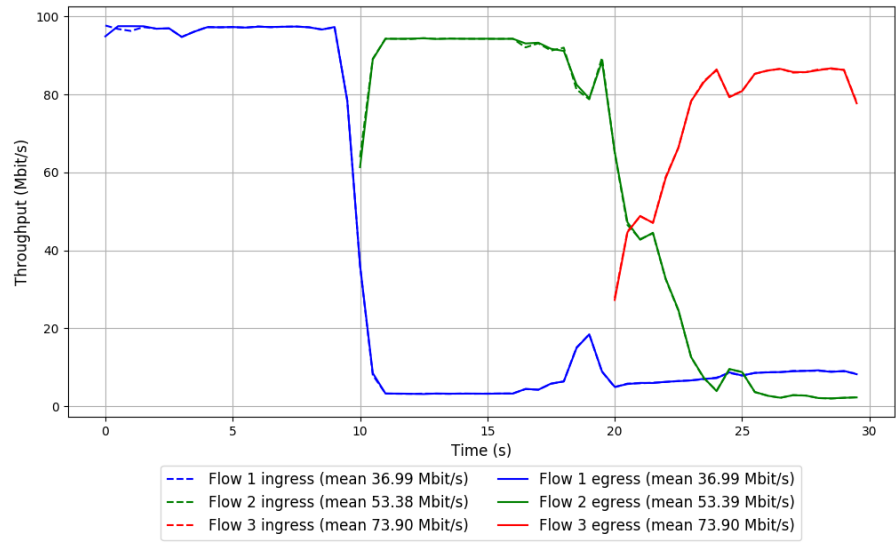


Run 8: Statistics of TCP Vegas

Start at: 2018-03-06 14:14:29
End at: 2018-03-06 14:14:59
Local clock offset: -5.212 ms
Remote clock offset: -6.906 ms

Below is generated by plot.py at 2018-03-06 18:49:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 14.669 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 14.114 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 53.39 Mbit/s
95th percentile per-packet one-way delay: 14.973 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.90 Mbit/s
95th percentile per-packet one-way delay: 7.147 ms
Loss rate: 0.09%

Run 8: Report of TCP Vegas — Data Link

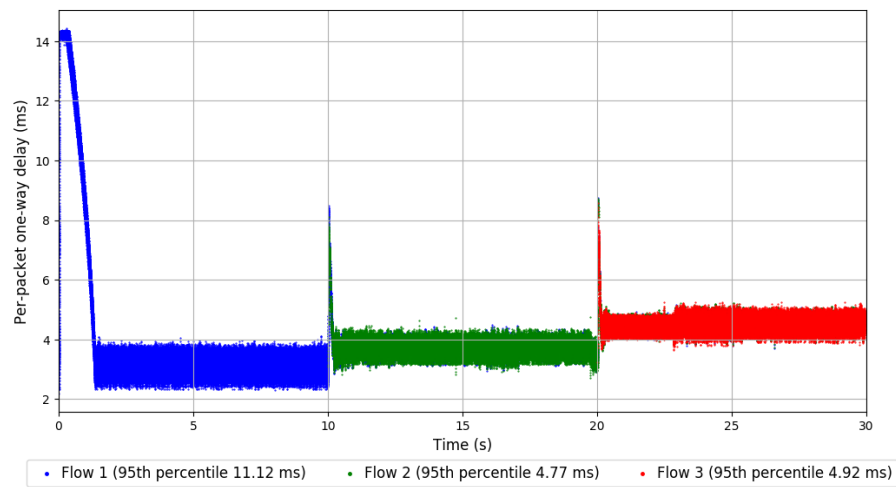
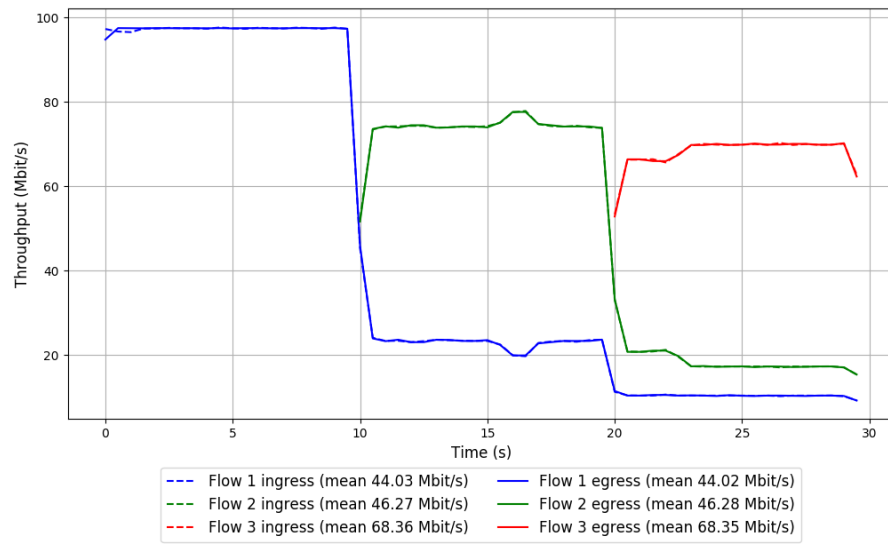


Run 9: Statistics of TCP Vegas

Start at: 2018-03-06 14:34:53
End at: 2018-03-06 14:35:23
Local clock offset: -3.38 ms
Remote clock offset: -6.499 ms

Below is generated by plot.py at 2018-03-06 18:49:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 5.024 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 44.02 Mbit/s
95th percentile per-packet one-way delay: 11.118 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.28 Mbit/s
95th percentile per-packet one-way delay: 4.768 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 68.35 Mbit/s
95th percentile per-packet one-way delay: 4.916 ms
Loss rate: 0.07%

Run 9: Report of TCP Vegas — Data Link

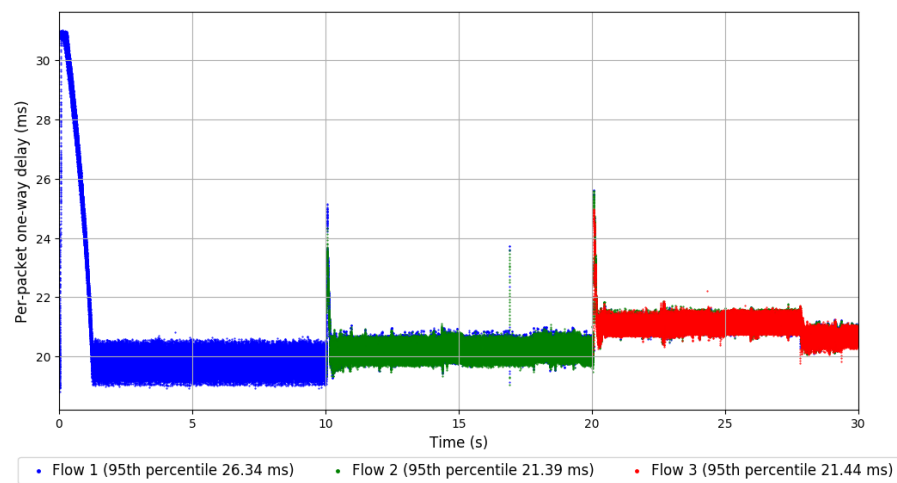
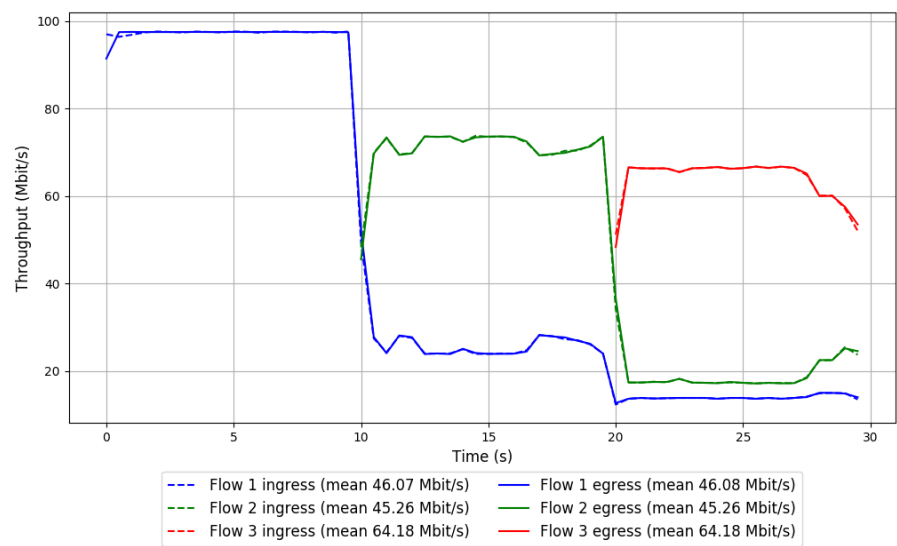


Run 10: Statistics of TCP Vegas

Start at: 2018-03-06 14:55:17
End at: 2018-03-06 14:55:47
Local clock offset: -3.58 ms
Remote clock offset: -22.734 ms

Below is generated by plot.py at 2018-03-06 18:49:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 21.524 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 46.08 Mbit/s
95th percentile per-packet one-way delay: 26.340 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 45.26 Mbit/s
95th percentile per-packet one-way delay: 21.391 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 21.437 ms
Loss rate: 0.06%

Run 10: Report of TCP Vegas — Data Link

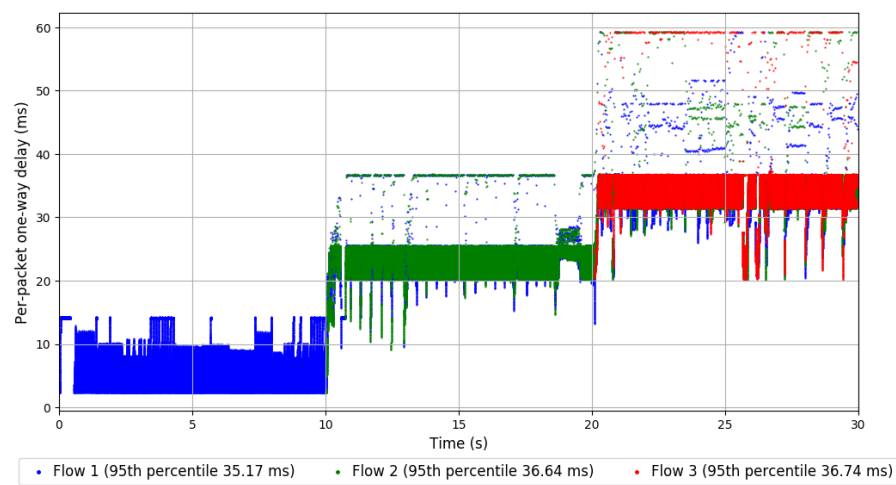
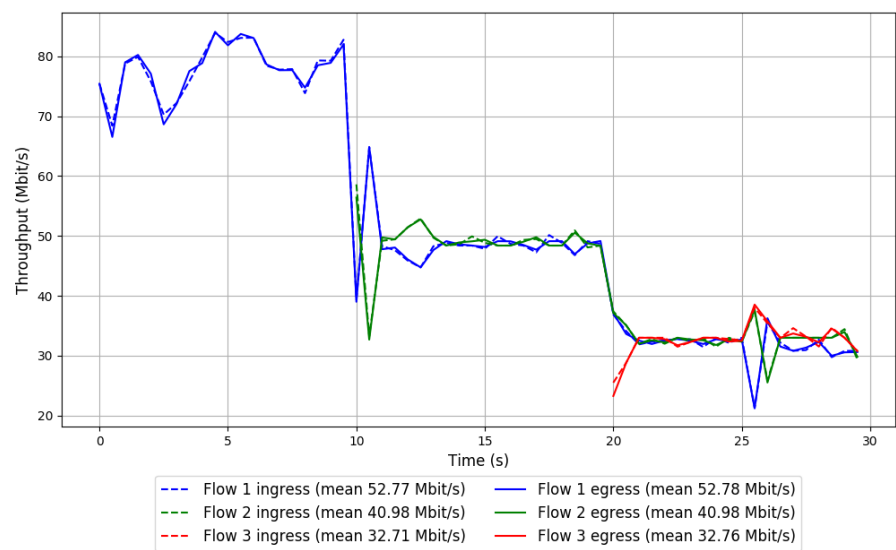


Run 1: Statistics of Verus

Start at: 2018-03-06 11:48:03
End at: 2018-03-06 11:48:33
Local clock offset: -5.125 ms
Remote clock offset: -6.971 ms

Below is generated by plot.py at 2018-03-06 18:49:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 36.630 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 52.78 Mbit/s
95th percentile per-packet one-way delay: 35.173 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.98 Mbit/s
95th percentile per-packet one-way delay: 36.637 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 32.76 Mbit/s
95th percentile per-packet one-way delay: 36.743 ms
Loss rate: 0.34%

Run 1: Report of Verus — Data Link

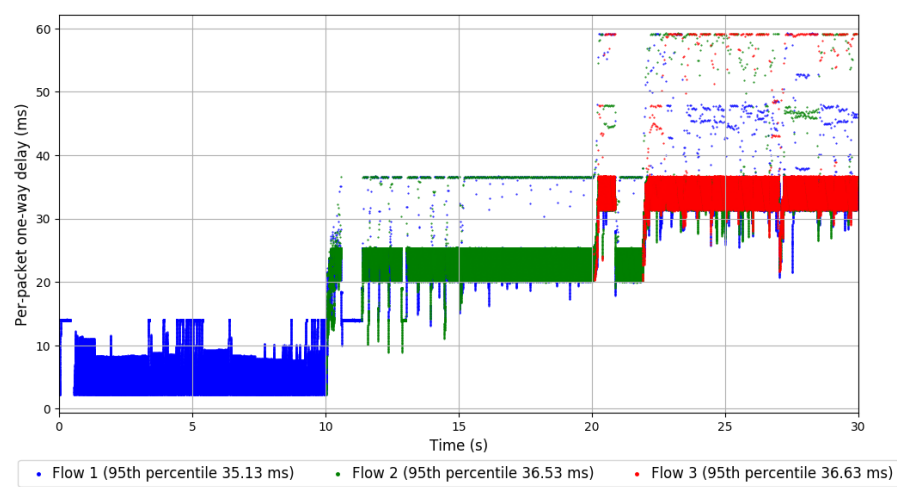
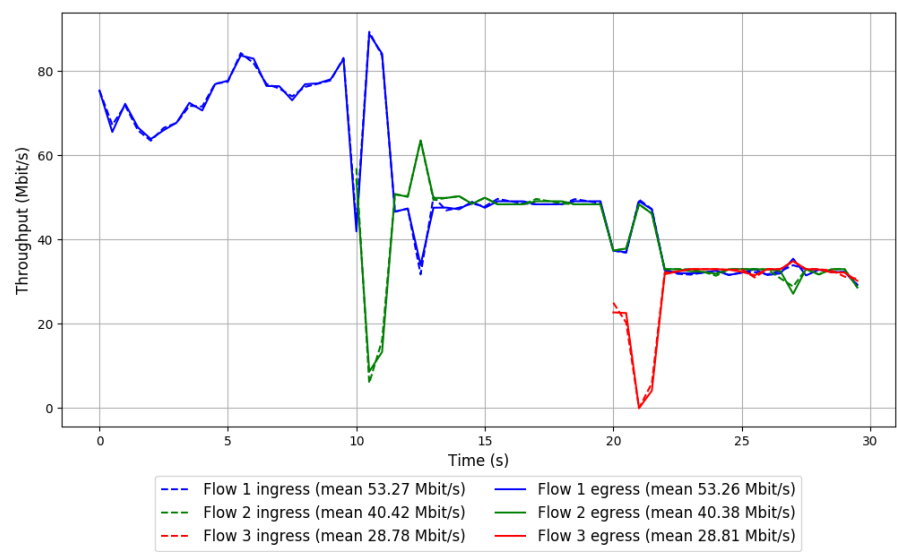


Run 2: Statistics of Verus

Start at: 2018-03-06 12:08:29
End at: 2018-03-06 12:08:59
Local clock offset: -5.169 ms
Remote clock offset: -6.797 ms

Below is generated by plot.py at 2018-03-06 18:50:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 36.511 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 53.26 Mbit/s
95th percentile per-packet one-way delay: 35.134 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 36.526 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 36.628 ms
Loss rate: 0.39%

Run 2: Report of Verus — Data Link

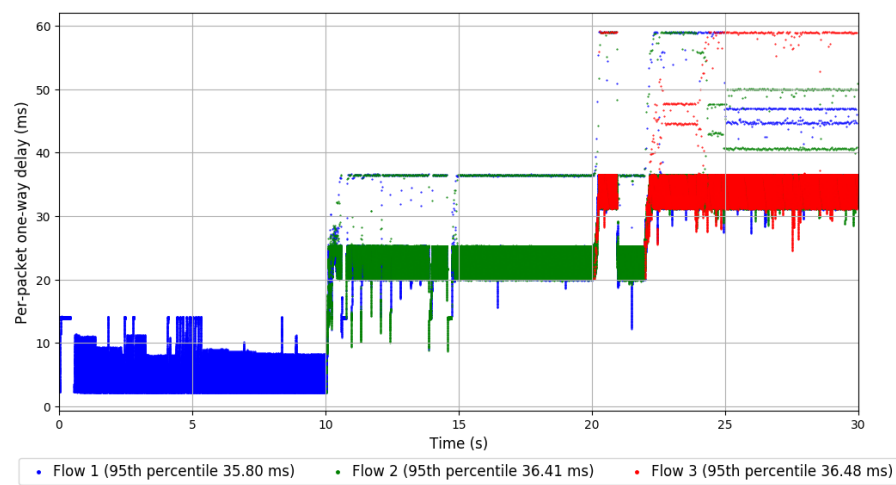
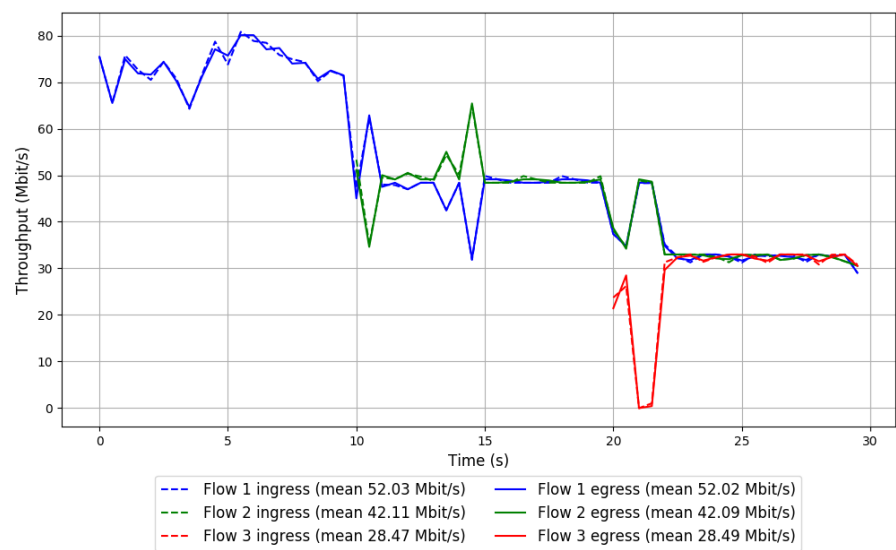


Run 3: Statistics of Verus

Start at: 2018-03-06 12:28:58
End at: 2018-03-06 12:29:28
Local clock offset: -4.384 ms
Remote clock offset: -7.339 ms

Below is generated by plot.py at 2018-03-06 18:50:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 36.388 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 52.02 Mbit/s
95th percentile per-packet one-way delay: 35.795 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 42.09 Mbit/s
95th percentile per-packet one-way delay: 36.408 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 36.476 ms
Loss rate: 0.44%

Run 3: Report of Verus — Data Link

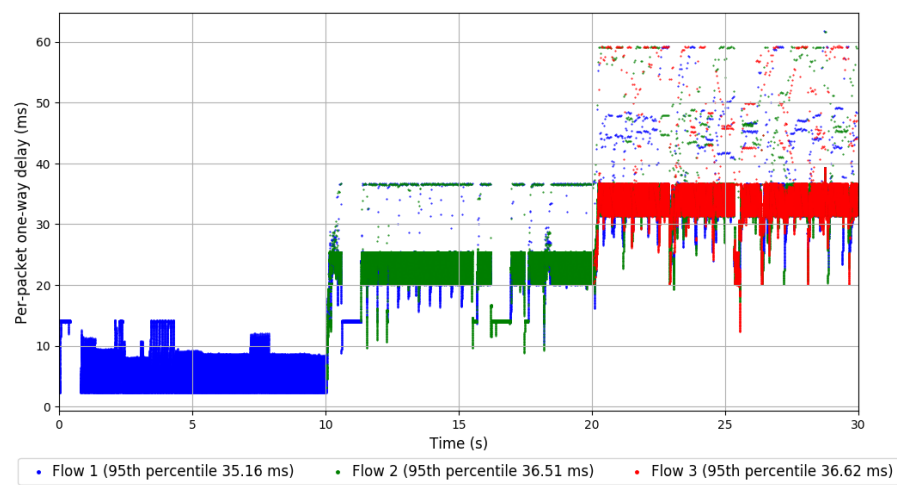
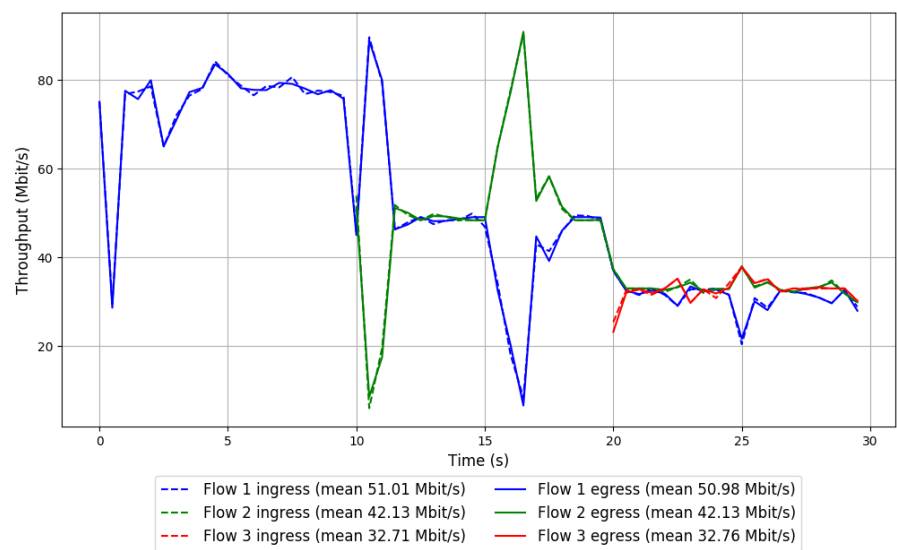


Run 4: Statistics of Verus

Start at: 2018-03-06 12:49:23
End at: 2018-03-06 12:49:53
Local clock offset: -0.88 ms
Remote clock offset: -7.296 ms

```
# Below is generated by plot.py at 2018-03-06 18:50:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.87 Mbit/s
95th percentile per-packet one-way delay: 36.469 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 50.98 Mbit/s
95th percentile per-packet one-way delay: 35.160 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 42.13 Mbit/s
95th percentile per-packet one-way delay: 36.508 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.76 Mbit/s
95th percentile per-packet one-way delay: 36.621 ms
Loss rate: 0.34%
```

Run 4: Report of Verus — Data Link

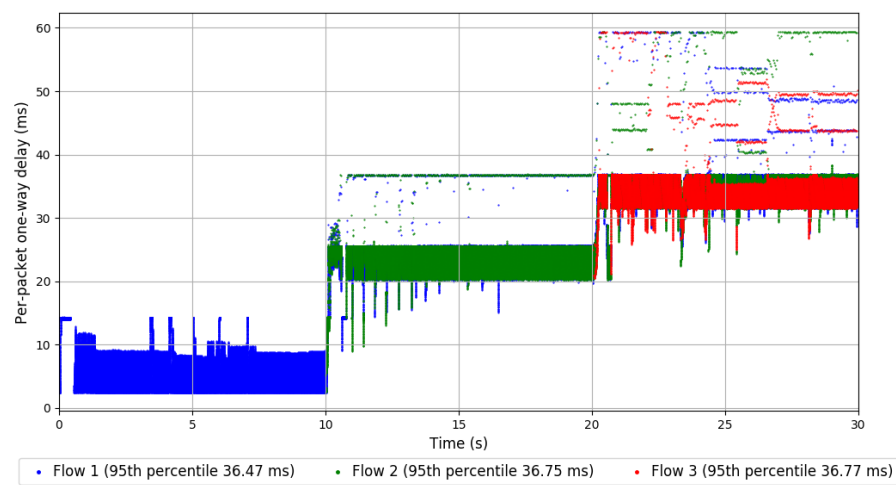
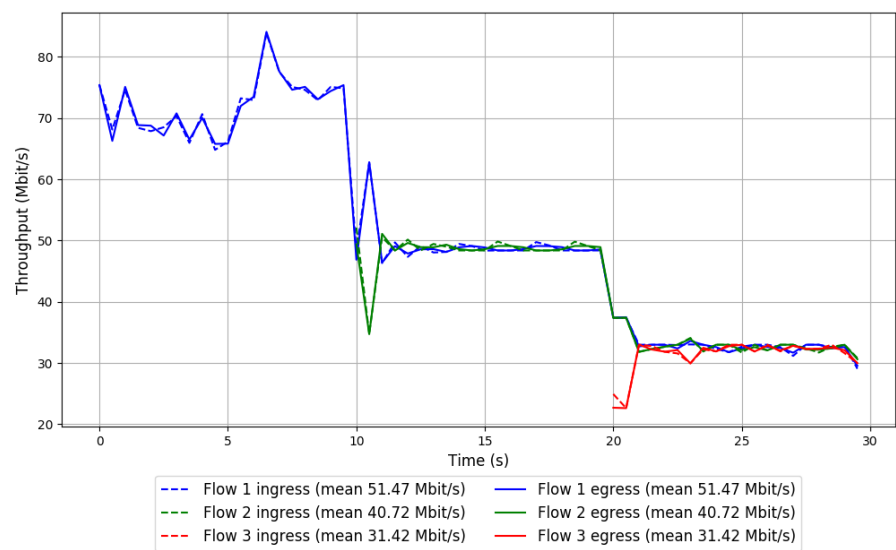


Run 5: Statistics of Verus

Start at: 2018-03-06 13:09:50
End at: 2018-03-06 13:10:20
Local clock offset: -2.989 ms
Remote clock offset: -7.351 ms

Below is generated by plot.py at 2018-03-06 18:50:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.97 Mbit/s
95th percentile per-packet one-way delay: 36.710 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 36.472 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.72 Mbit/s
95th percentile per-packet one-way delay: 36.751 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 36.766 ms
Loss rate: 0.36%

Run 5: Report of Verus — Data Link

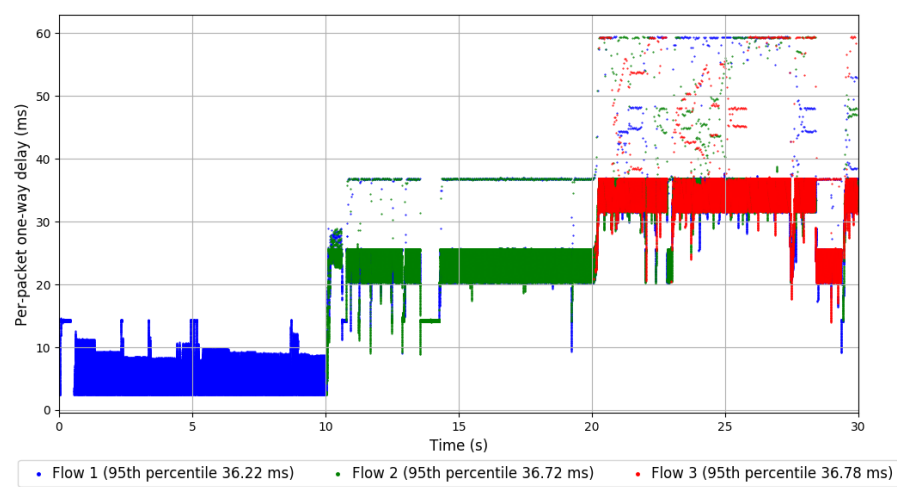
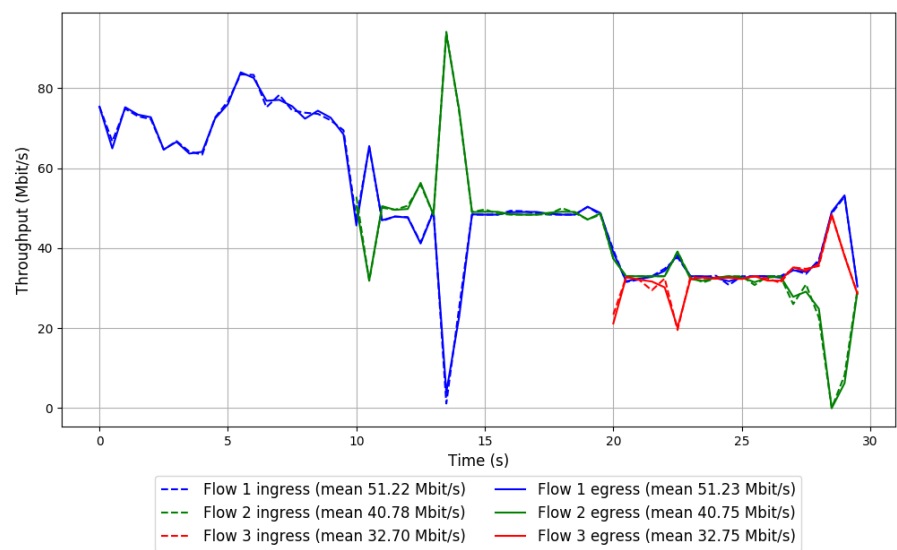


Run 6: Statistics of Verus

Start at: 2018-03-06 13:30:15
End at: 2018-03-06 13:30:45
Local clock offset: -4.546 ms
Remote clock offset: -7.259 ms

Below is generated by plot.py at 2018-03-06 18:50:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 36.700 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 51.23 Mbit/s
95th percentile per-packet one-way delay: 36.216 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 40.75 Mbit/s
95th percentile per-packet one-way delay: 36.715 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 36.783 ms
Loss rate: 0.35%

Run 6: Report of Verus — Data Link

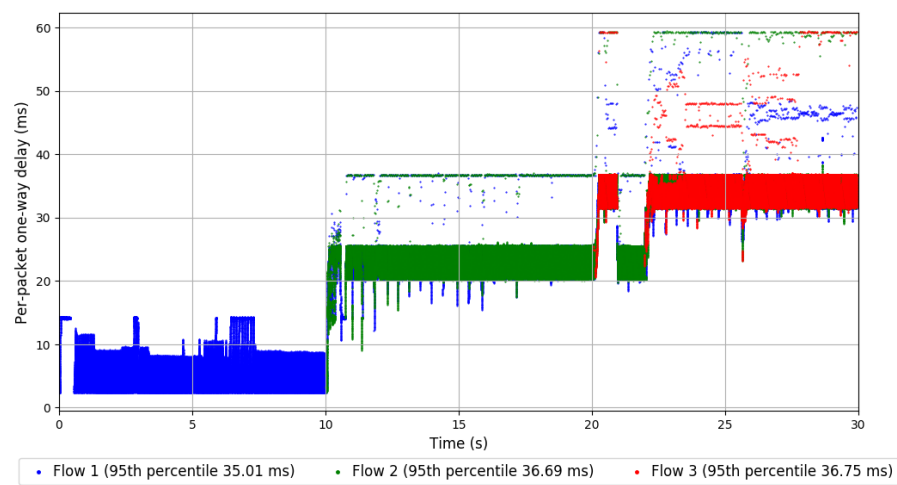
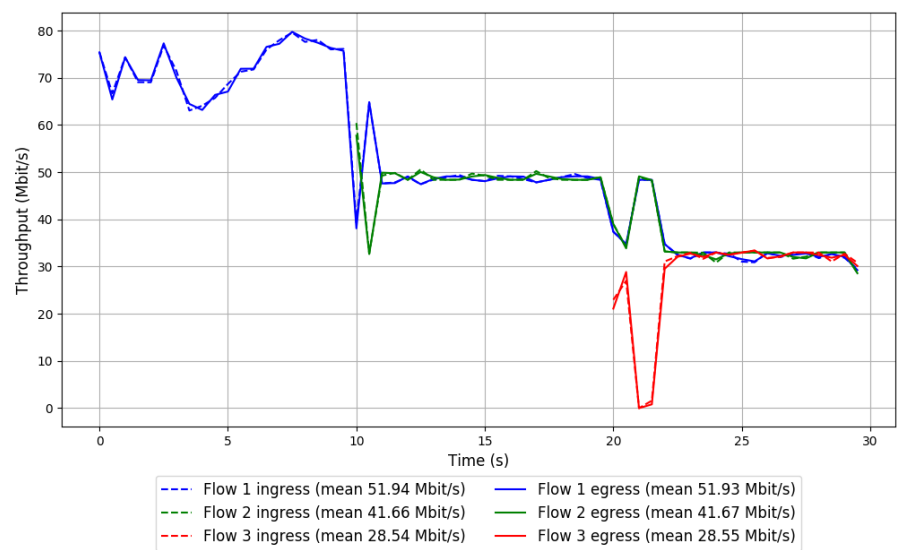


Run 7: Statistics of Verus

Start at: 2018-03-06 13:50:42
End at: 2018-03-06 13:51:12
Local clock offset: -5.908 ms
Remote clock offset: -7.064 ms

Below is generated by plot.py at 2018-03-06 18:50:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.09 Mbit/s
95th percentile per-packet one-way delay: 36.634 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 51.93 Mbit/s
95th percentile per-packet one-way delay: 35.010 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.67 Mbit/s
95th percentile per-packet one-way delay: 36.693 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 28.55 Mbit/s
95th percentile per-packet one-way delay: 36.748 ms
Loss rate: 0.51%

Run 7: Report of Verus — Data Link

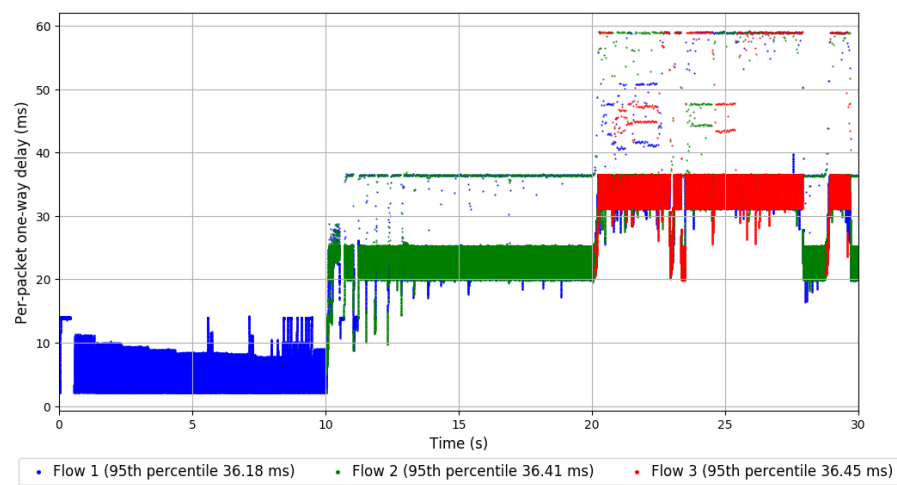
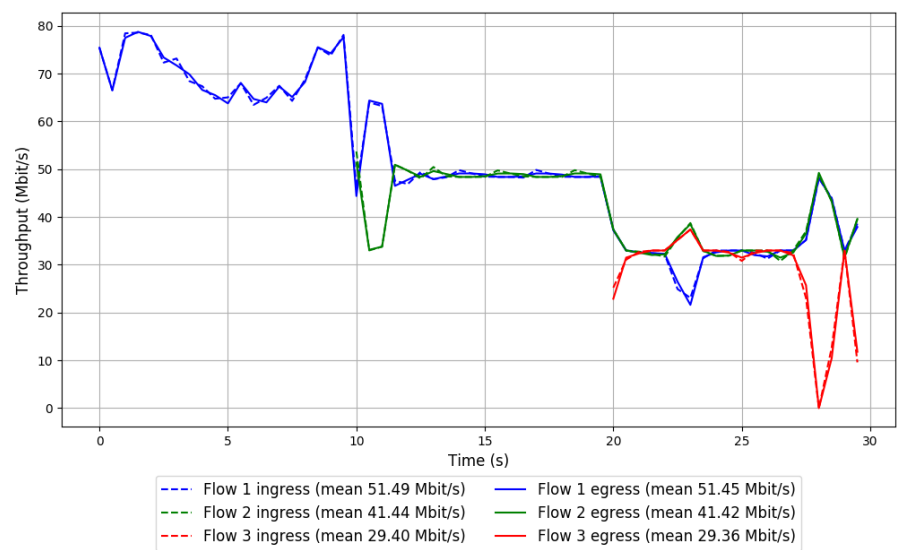


Run 8: Statistics of Verus

Start at: 2018-03-06 14:11:07
End at: 2018-03-06 14:11:37
Local clock offset: -5.979 ms
Remote clock offset: -6.922 ms

Below is generated by plot.py at 2018-03-06 18:50:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.48 Mbit/s
95th percentile per-packet one-way delay: 36.374 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 51.45 Mbit/s
95th percentile per-packet one-way delay: 36.179 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 41.42 Mbit/s
95th percentile per-packet one-way delay: 36.406 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: 36.450 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

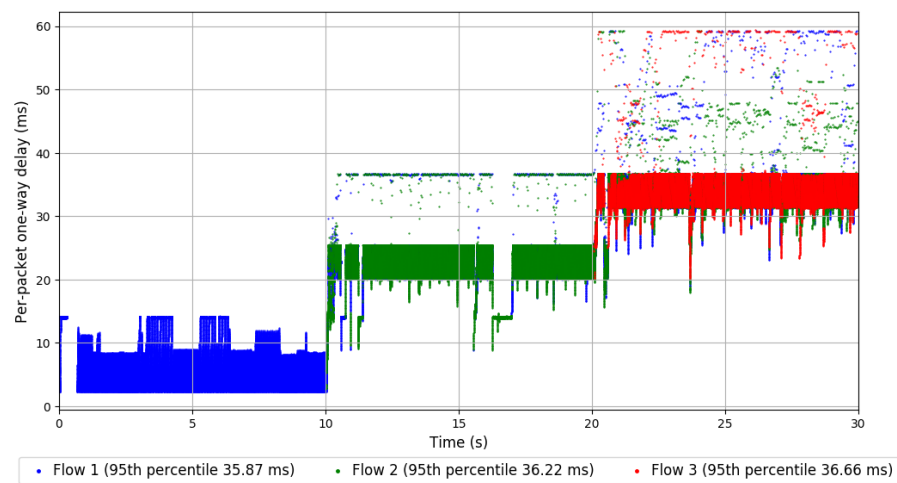
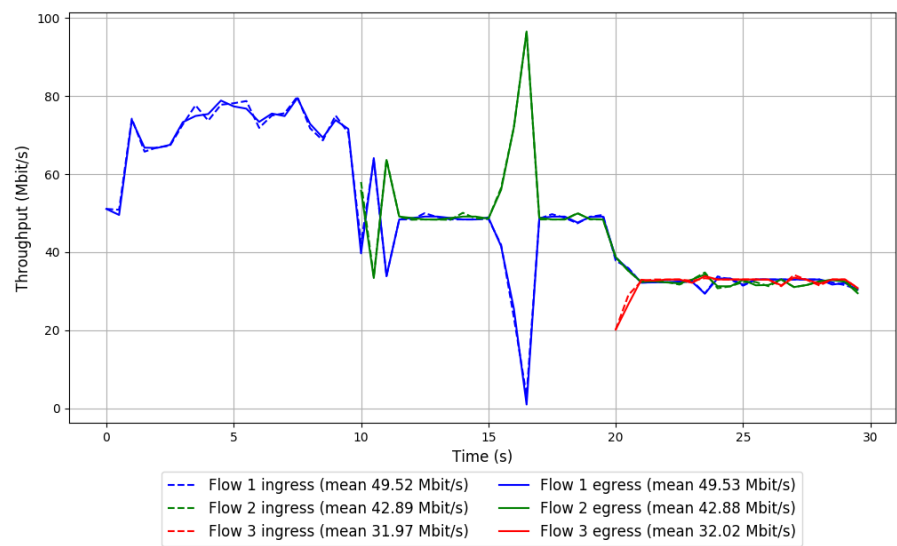


Run 9: Statistics of Verus

Start at: 2018-03-06 14:31:32
End at: 2018-03-06 14:32:02
Local clock offset: -3.524 ms
Remote clock offset: -6.575 ms

Below is generated by plot.py at 2018-03-06 18:50:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.68 Mbit/s
95th percentile per-packet one-way delay: 36.519 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 49.53 Mbit/s
95th percentile per-packet one-way delay: 35.867 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 42.88 Mbit/s
95th percentile per-packet one-way delay: 36.220 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 36.656 ms
Loss rate: 0.35%

Run 9: Report of Verus — Data Link

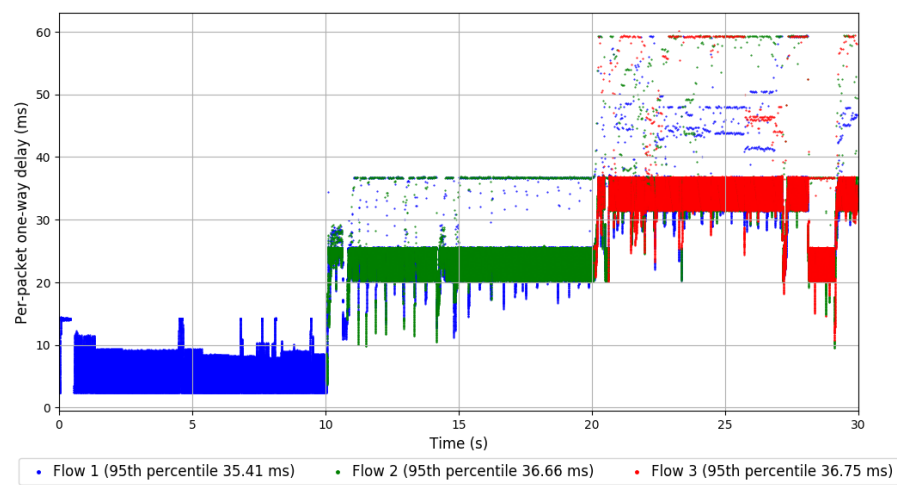
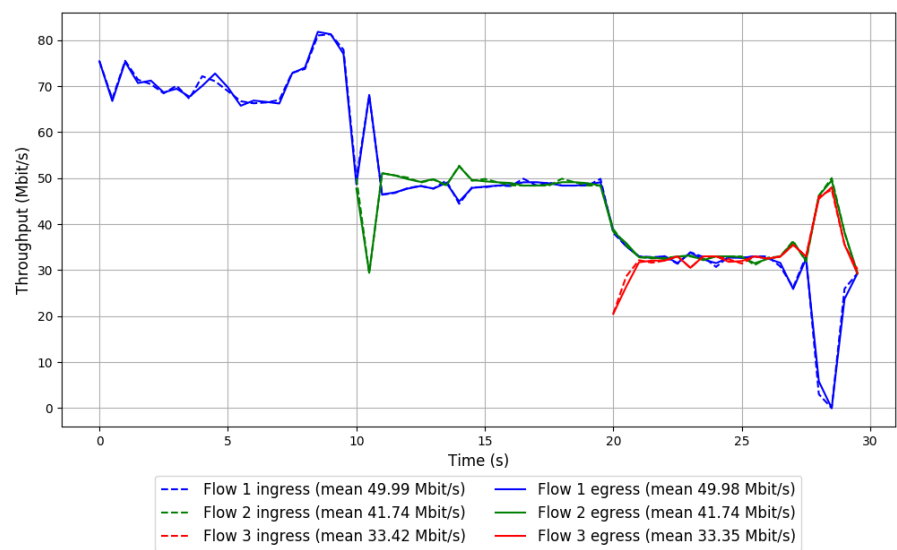


Run 10: Statistics of Verus

Start at: 2018-03-06 14:51:56
End at: 2018-03-06 14:52:26
Local clock offset: -3.491 ms
Remote clock offset: -6.198 ms

Below is generated by plot.py at 2018-03-06 18:51:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 36.636 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 49.98 Mbit/s
95th percentile per-packet one-way delay: 35.408 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 36.660 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 36.746 ms
Loss rate: 0.47%

Run 10: Report of Verus — Data Link

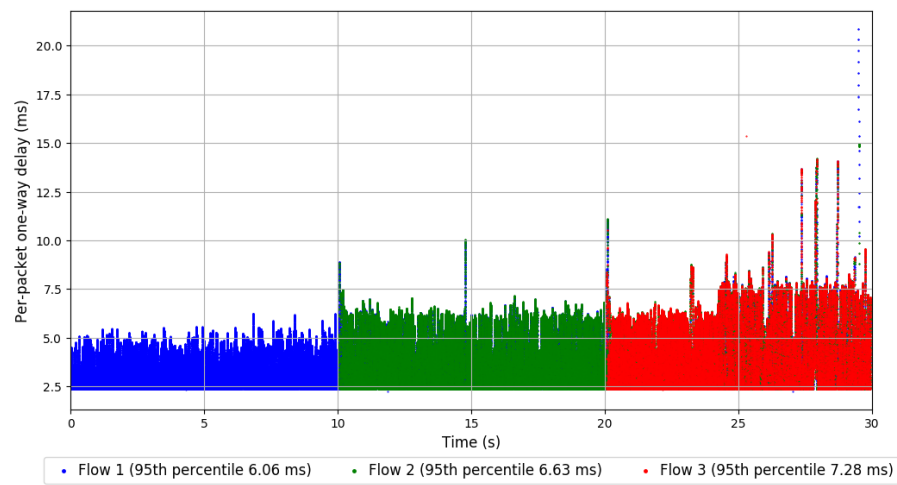
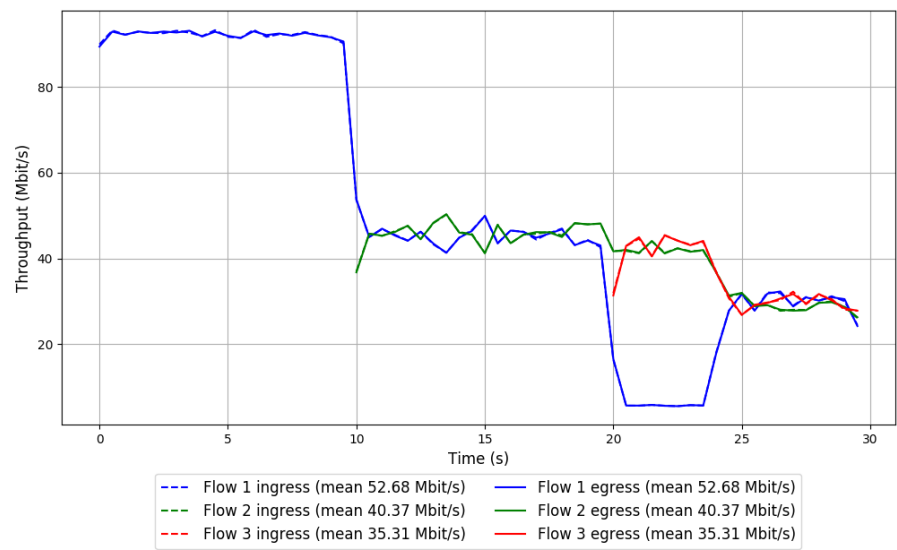


Run 1: Statistics of Copa

Start at: 2018-03-06 12:00:36
End at: 2018-03-06 12:01:06
Local clock offset: -5.118 ms
Remote clock offset: -6.936 ms

Below is generated by plot.py at 2018-03-06 18:52:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: 6.453 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.68 Mbit/s
95th percentile per-packet one-way delay: 6.063 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 40.37 Mbit/s
95th percentile per-packet one-way delay: 6.626 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 35.31 Mbit/s
95th percentile per-packet one-way delay: 7.280 ms
Loss rate: 0.03%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-06 12:21:04

End at: 2018-03-06 12:21:34

Local clock offset: -5.056 ms

Remote clock offset: -7.2 ms

Below is generated by plot.py at 2018-03-06 18:52:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.56 Mbit/s

95th percentile per-packet one-way delay: 6.903 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 56.50 Mbit/s

95th percentile per-packet one-way delay: 6.255 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 38.46 Mbit/s

95th percentile per-packet one-way delay: 7.056 ms

Loss rate: 0.04%

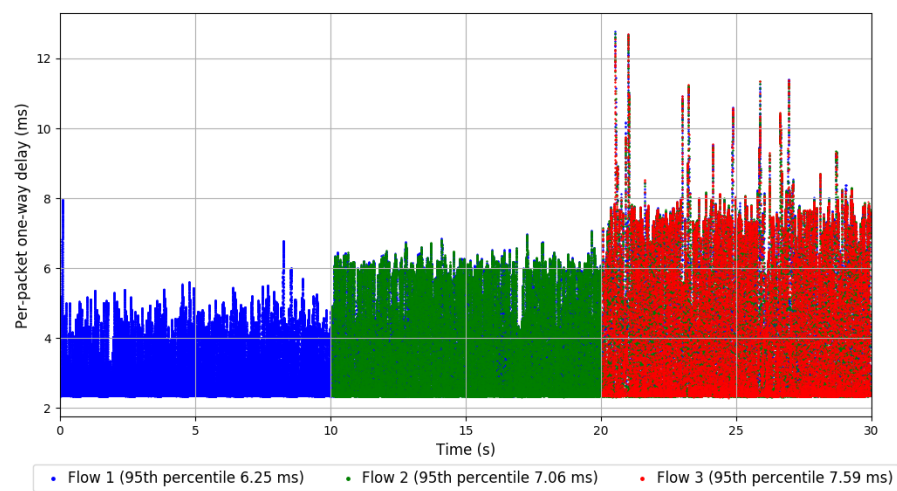
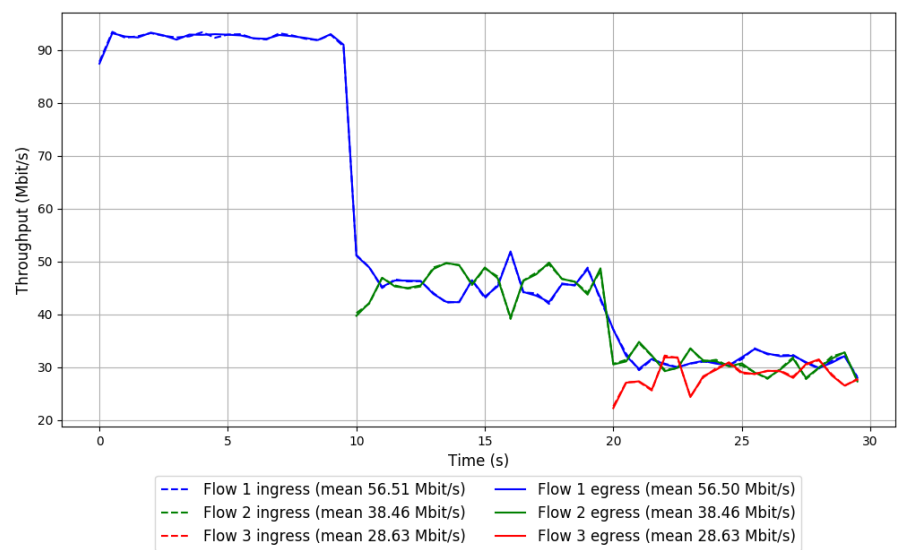
-- Flow 3:

Average throughput: 28.63 Mbit/s

95th percentile per-packet one-way delay: 7.593 ms

Loss rate: 0.08%

Run 2: Report of Copa — Data Link

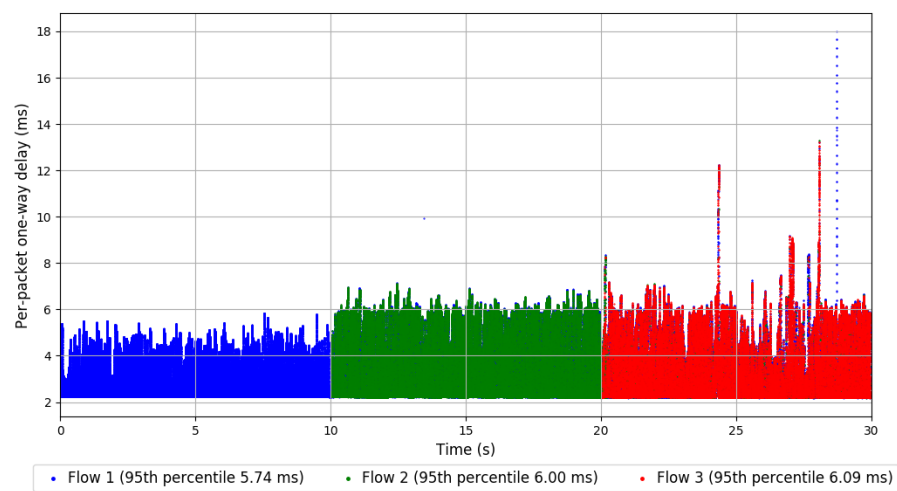
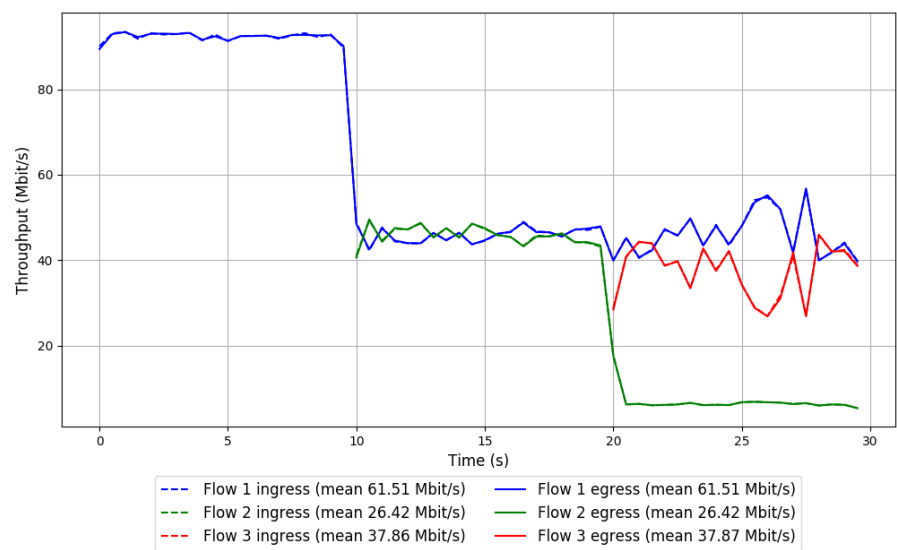


Run 3: Statistics of Copa

Start at: 2018-03-06 12:41:30
End at: 2018-03-06 12:42:00
Local clock offset: -1.804 ms
Remote clock offset: -7.359 ms

Below is generated by plot.py at 2018-03-06 18:53:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.60 Mbit/s
95th percentile per-packet one-way delay: 5.868 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 5.736 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 26.42 Mbit/s
95th percentile per-packet one-way delay: 6.001 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 6.090 ms
Loss rate: 0.09%

Run 3: Report of Copa — Data Link

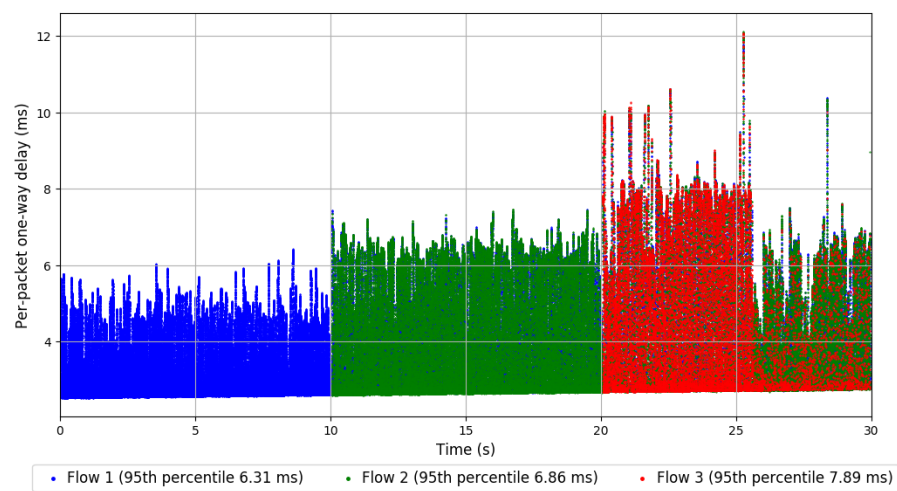
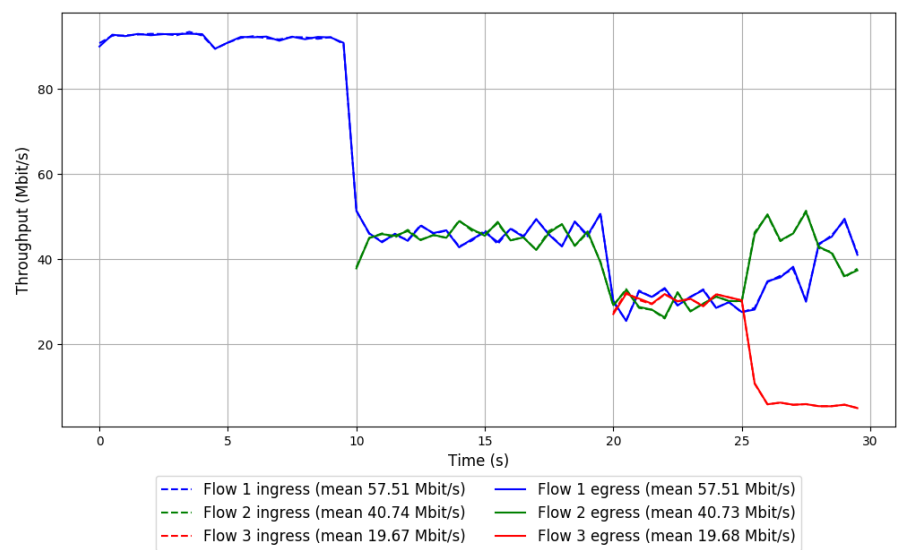


Run 4: Statistics of Copa

Start at: 2018-03-06 13:01:57
End at: 2018-03-06 13:02:27
Local clock offset: -0.359 ms
Remote clock offset: -7.362 ms

Below is generated by plot.py at 2018-03-06 18:53:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.09 Mbit/s
95th percentile per-packet one-way delay: 6.696 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.51 Mbit/s
95th percentile per-packet one-way delay: 6.314 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 6.858 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 19.68 Mbit/s
95th percentile per-packet one-way delay: 7.894 ms
Loss rate: 0.02%

Run 4: Report of Copa — Data Link

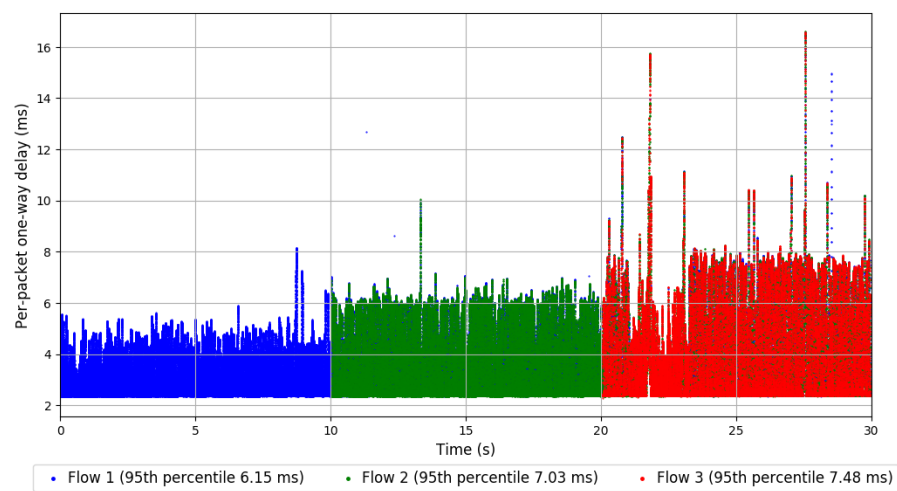
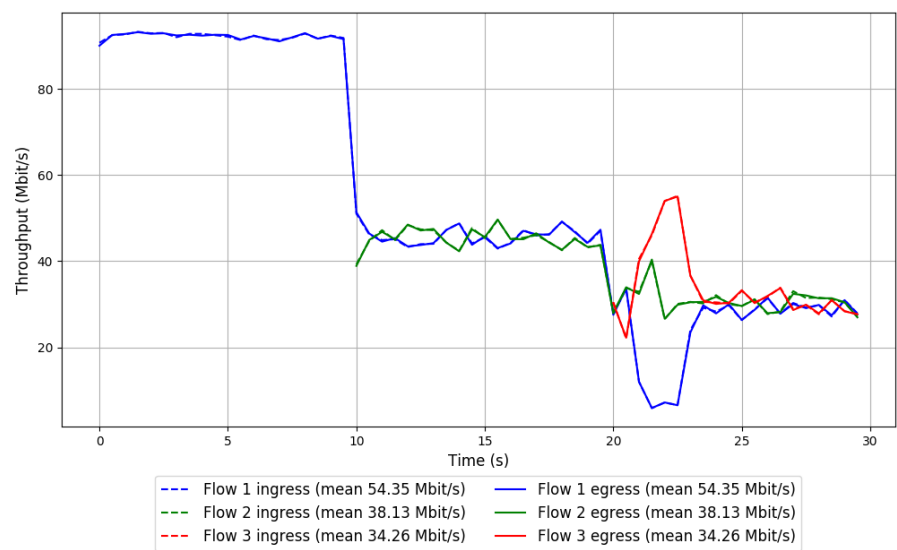


Run 5: Statistics of Copa

Start at: 2018-03-06 13:22:23
End at: 2018-03-06 13:22:53
Local clock offset: -4.286 ms
Remote clock offset: -7.291 ms

```
# Below is generated by plot.py at 2018-03-06 18:53:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 6.763 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 6.146 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 7.034 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 7.483 ms
Loss rate: 0.04%
```

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-03-06 13:42:49

End at: 2018-03-06 13:43:19

Local clock offset: -5.514 ms

Remote clock offset: -7.19 ms

Below is generated by plot.py at 2018-03-06 18:53:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.39 Mbit/s

95th percentile per-packet one-way delay: 24.378 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 58.72 Mbit/s

95th percentile per-packet one-way delay: 23.533 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 32.53 Mbit/s

95th percentile per-packet one-way delay: 23.912 ms

Loss rate: 0.10%

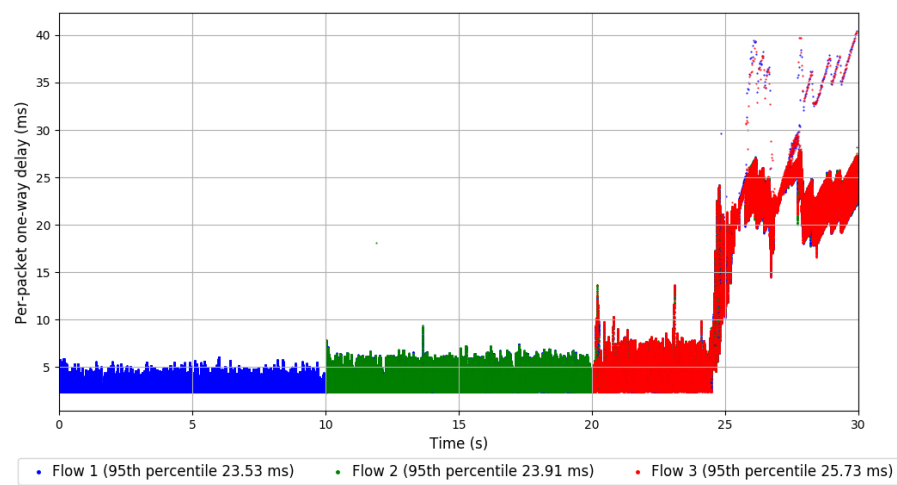
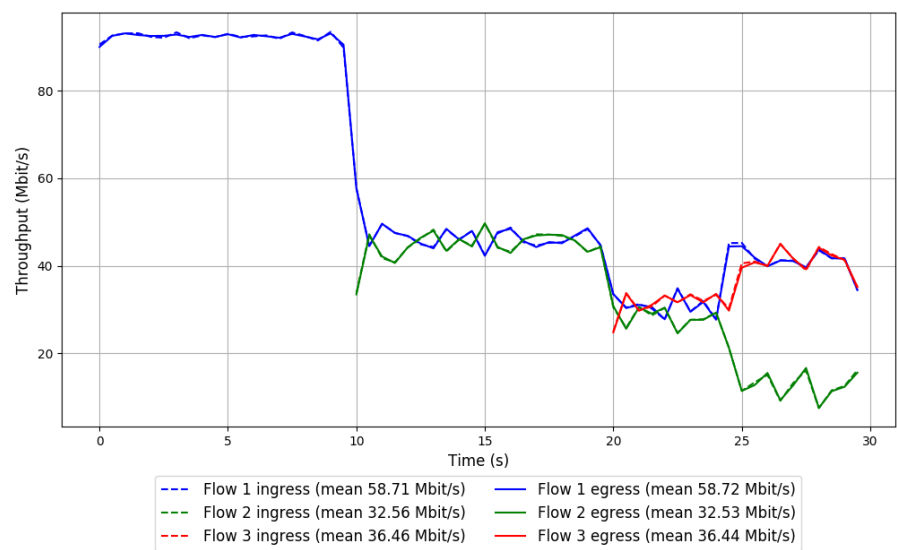
-- Flow 3:

Average throughput: 36.44 Mbit/s

95th percentile per-packet one-way delay: 25.735 ms

Loss rate: 0.28%

Run 6: Report of Copa — Data Link

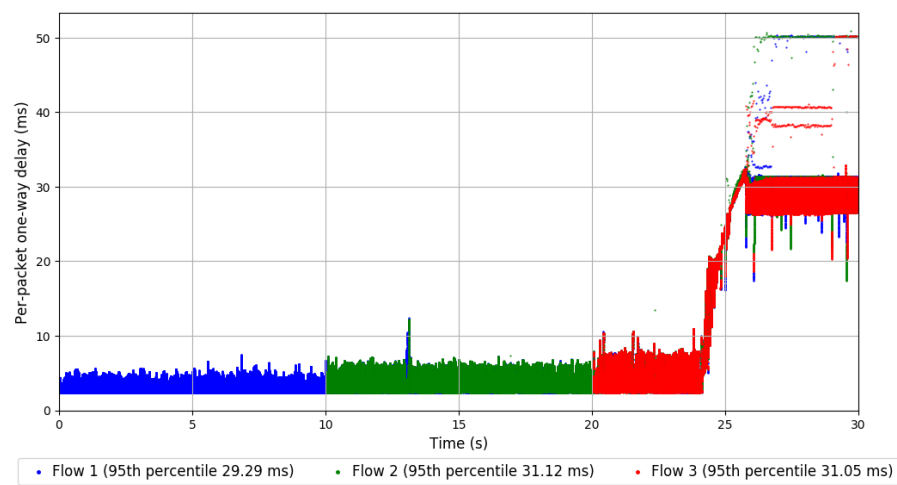
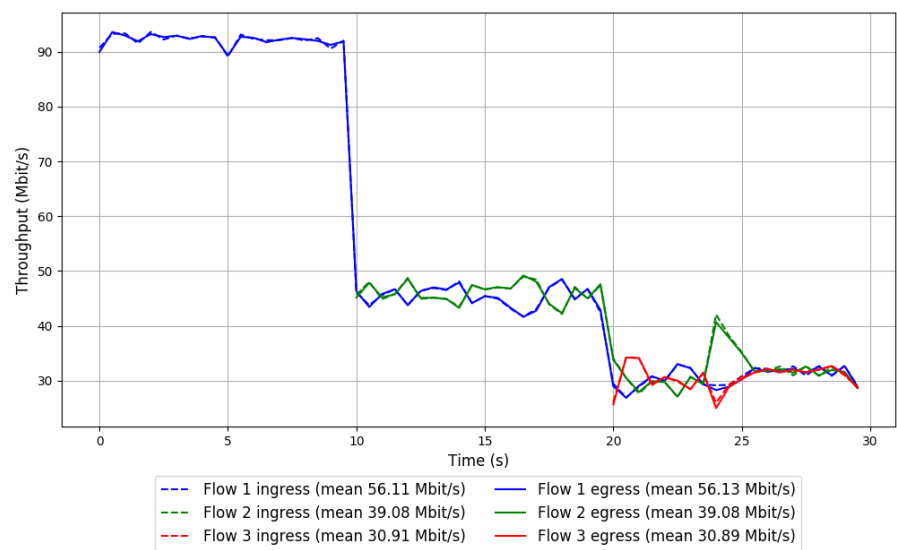


Run 7: Statistics of Copa

Start at: 2018-03-06 14:03:14
End at: 2018-03-06 14:03:44
Local clock offset: -6.31 ms
Remote clock offset: -7.068 ms

Below is generated by plot.py at 2018-03-06 18:53:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.32 Mbit/s
95th percentile per-packet one-way delay: 30.589 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 29.288 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.08 Mbit/s
95th percentile per-packet one-way delay: 31.121 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.89 Mbit/s
95th percentile per-packet one-way delay: 31.053 ms
Loss rate: 0.30%

Run 7: Report of Copa — Data Link

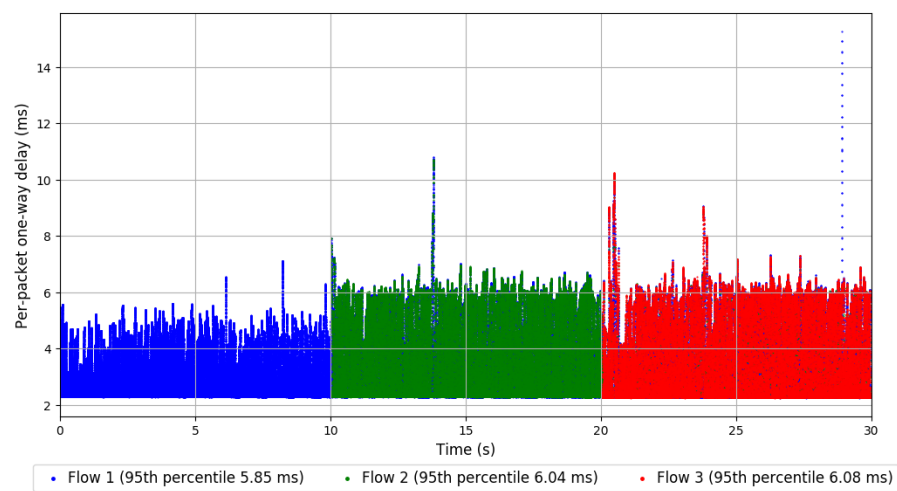
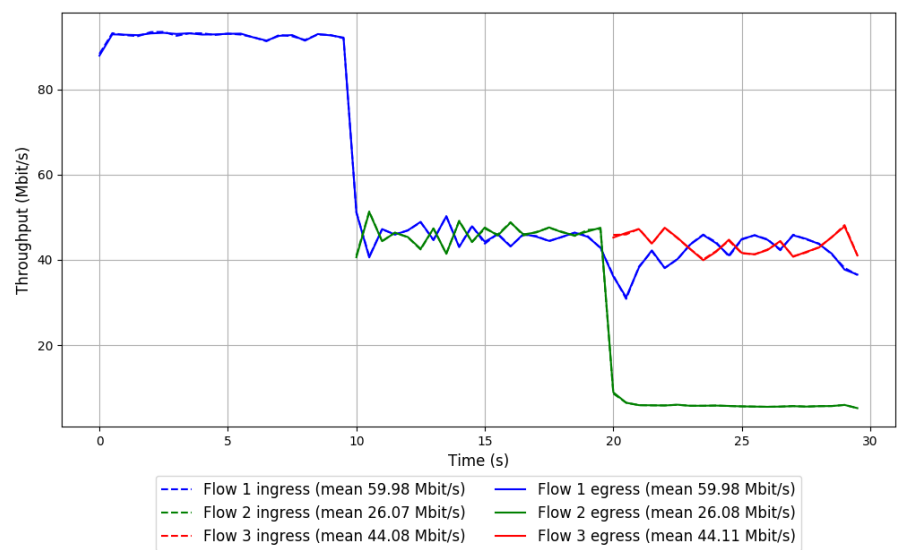


Run 8: Statistics of Copa

Start at: 2018-03-06 14:23:39
End at: 2018-03-06 14:24:09
Local clock offset: -3.999 ms
Remote clock offset: -6.863 ms

Below is generated by plot.py at 2018-03-06 18:53:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 5.944 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 5.847 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.08 Mbit/s
95th percentile per-packet one-way delay: 6.039 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 6.081 ms
Loss rate: 0.06%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-06 14:44:02

End at: 2018-03-06 14:44:32

Local clock offset: -3.215 ms

Remote clock offset: -6.4 ms

Below is generated by plot.py at 2018-03-06 18:55:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.85 Mbit/s

95th percentile per-packet one-way delay: 6.064 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 59.80 Mbit/s

95th percentile per-packet one-way delay: 5.971 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 44.99 Mbit/s

95th percentile per-packet one-way delay: 6.171 ms

Loss rate: 0.02%

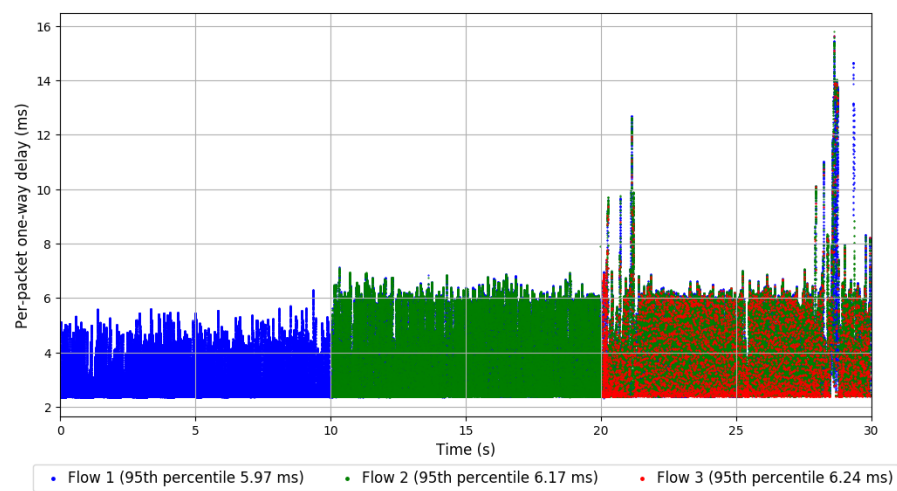
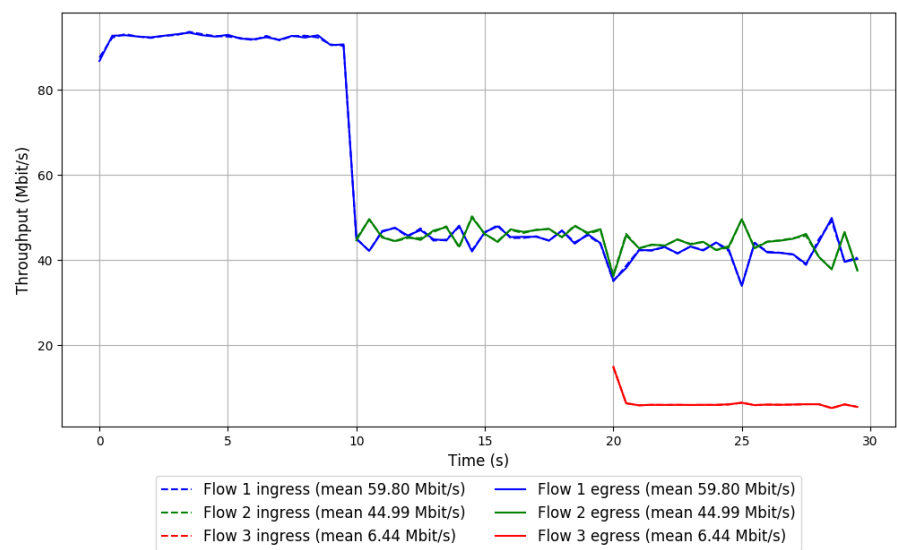
-- Flow 3:

Average throughput: 6.44 Mbit/s

95th percentile per-packet one-way delay: 6.244 ms

Loss rate: 0.04%

Run 9: Report of Copa — Data Link

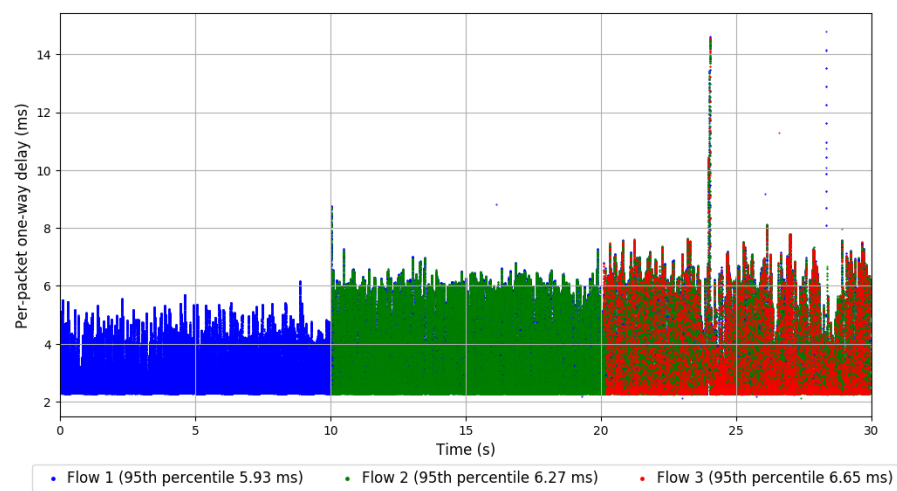
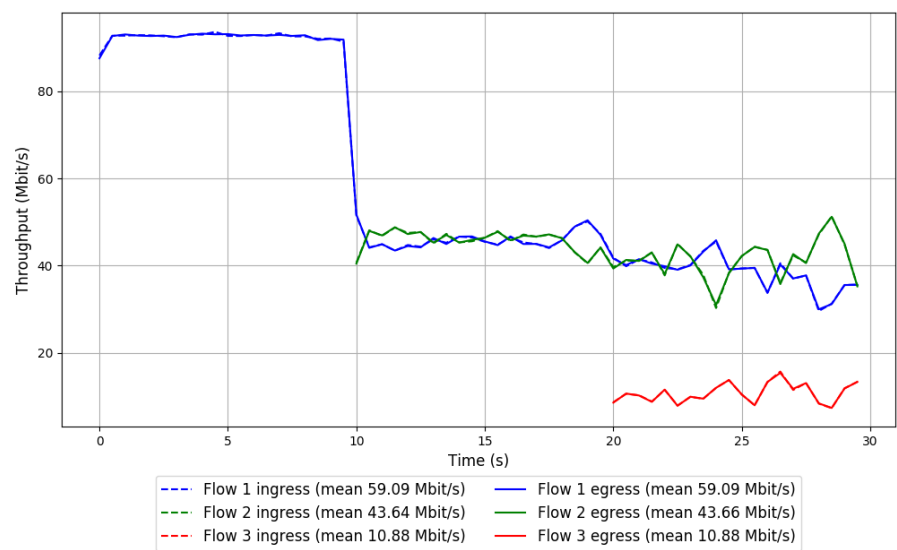


Run 10: Statistics of Copa

Start at: 2018-03-06 15:04:27
End at: 2018-03-06 15:04:57
Local clock offset: -3.706 ms
Remote clock offset: -6.191 ms

Below is generated by plot.py at 2018-03-06 18:55:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 6.100 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 5.932 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 43.66 Mbit/s
95th percentile per-packet one-way delay: 6.266 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 6.653 ms
Loss rate: 0.04%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-06 11:44:44

End at: 2018-03-06 11:45:14

Local clock offset: -5.179 ms

Remote clock offset: -7.001 ms

Run 1: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of FillP

Start at: 2018-03-06 12:05:11

End at: 2018-03-06 12:05:41

Local clock offset: -5.101 ms

Remote clock offset: -6.837 ms

Run 2: Report of FillP — Data Link

Figure is missing

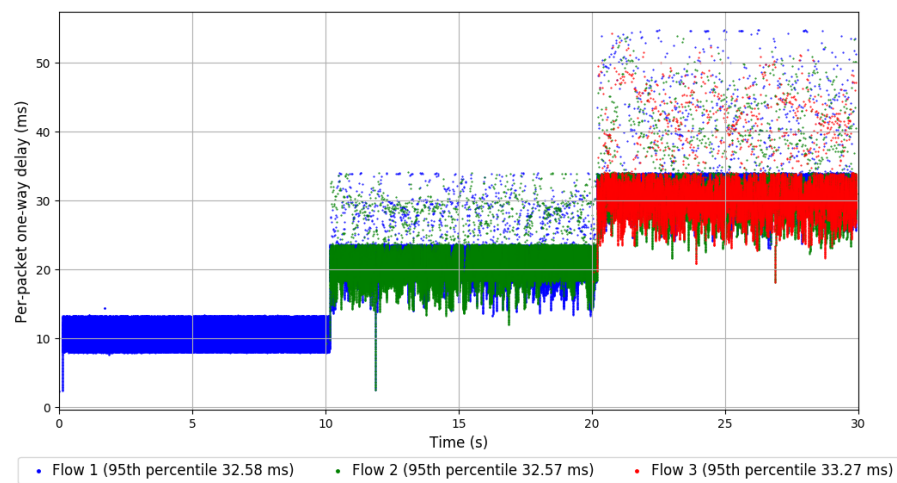
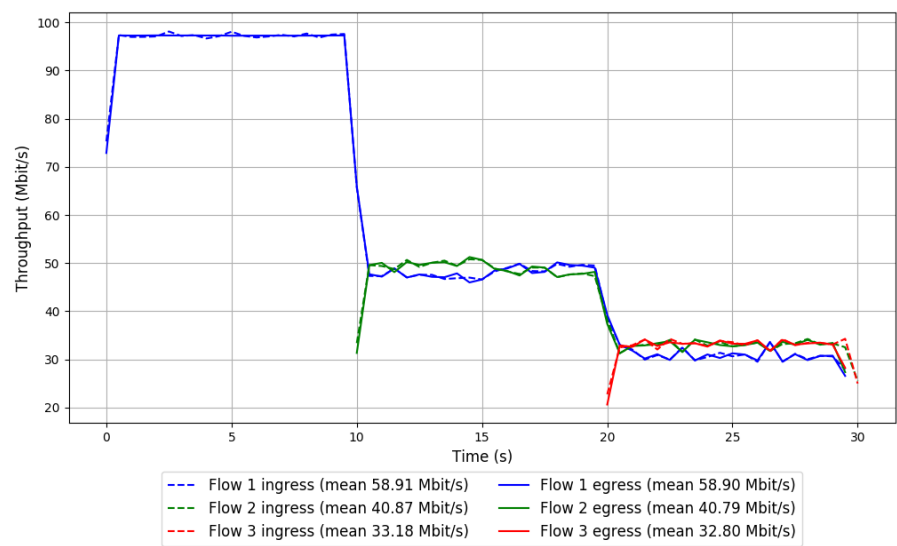
Figure is missing

Run 3: Statistics of FillP

Start at: 2018-03-06 12:25:39
End at: 2018-03-06 12:26:09
Local clock offset: -5.049 ms
Remote clock offset: -7.256 ms

Below is generated by plot.py at 2018-03-06 18:55:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 32.722 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 58.90 Mbit/s
95th percentile per-packet one-way delay: 32.581 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 32.571 ms
Loss rate: 1.98%
-- Flow 3:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 33.266 ms
Loss rate: 4.86%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-06 12:46:05

End at: 2018-03-06 12:46:35

Local clock offset: -1.283 ms

Remote clock offset: -7.378 ms

Run 4: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of FillP

Start at: 2018-03-06 13:06:31

End at: 2018-03-06 13:07:01

Local clock offset: -2.091 ms

Remote clock offset: -7.375 ms

Run 5: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of FillP

Start at: 2018-03-06 13:26:57

End at: 2018-03-06 13:27:27

Local clock offset: -4.429 ms

Remote clock offset: -7.226 ms

Run 6: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of FillP

Start at: 2018-03-06 13:47:24

End at: 2018-03-06 13:47:54

Local clock offset: -5.765 ms

Remote clock offset: -7.156 ms

Run 7: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of FillP

Start at: 2018-03-06 14:07:49

End at: 2018-03-06 14:08:19

Local clock offset: -6.408 ms

Remote clock offset: -6.975 ms

Run 8: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of FillP

Start at: 2018-03-06 14:28:13

End at: 2018-03-06 14:28:43

Local clock offset: -3.669 ms

Remote clock offset: -6.744 ms

Run 9: Report of FillP — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of FillP

Start at: 2018-03-06 14:48:37

End at: 2018-03-06 14:49:07

Local clock offset: -3.388 ms

Remote clock offset: -6.305 ms

Run 10: Report of FillP — Data Link

Figure is missing

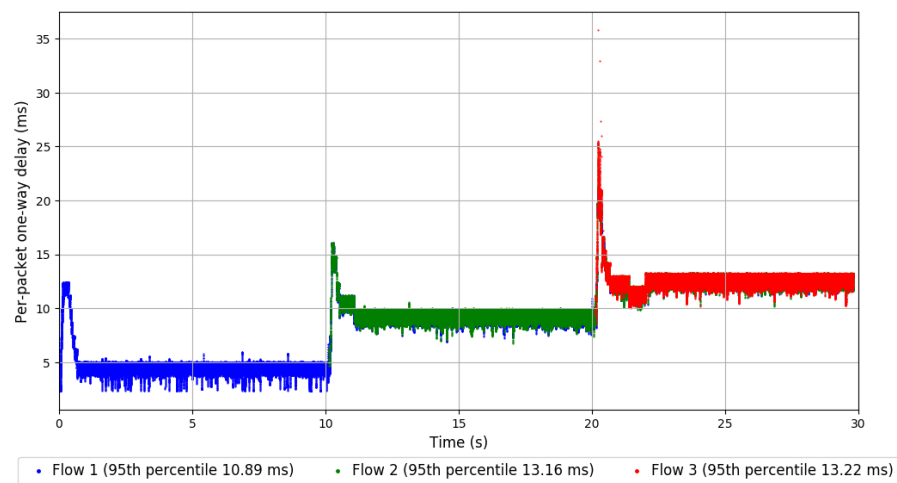
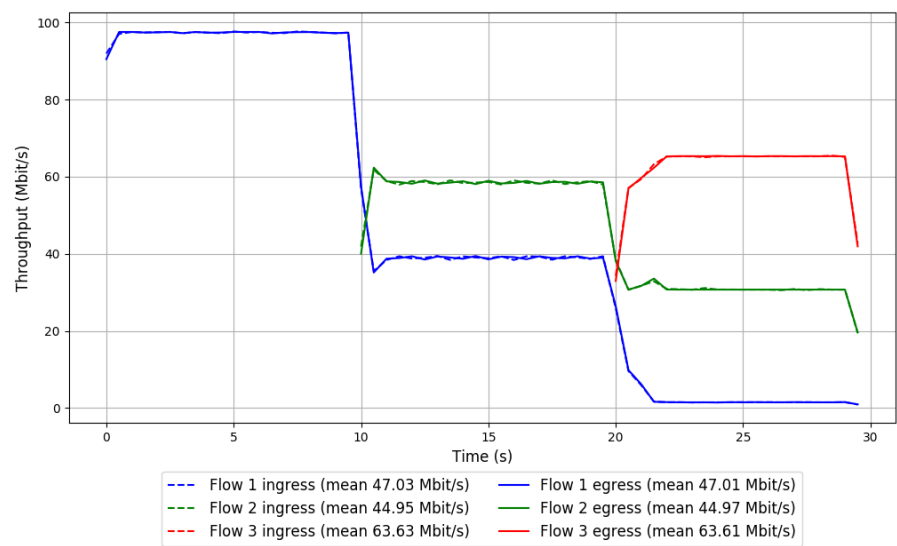
Figure is missing

Run 1: Statistics of Indigo-1-32

Start at: 2018-03-06 11:52:33
End at: 2018-03-06 11:53:03
Local clock offset: -5.141 ms
Remote clock offset: -6.947 ms

Below is generated by plot.py at 2018-03-06 18:55:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 13.150 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 47.01 Mbit/s
95th percentile per-packet one-way delay: 10.888 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.97 Mbit/s
95th percentile per-packet one-way delay: 13.162 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 63.61 Mbit/s
95th percentile per-packet one-way delay: 13.216 ms
Loss rate: 0.17%

Run 1: Report of Indigo-1-32 — Data Link

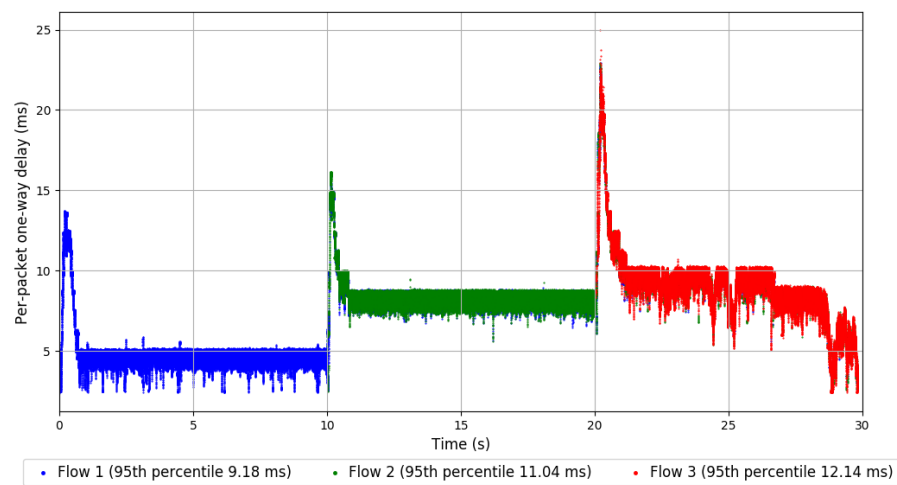
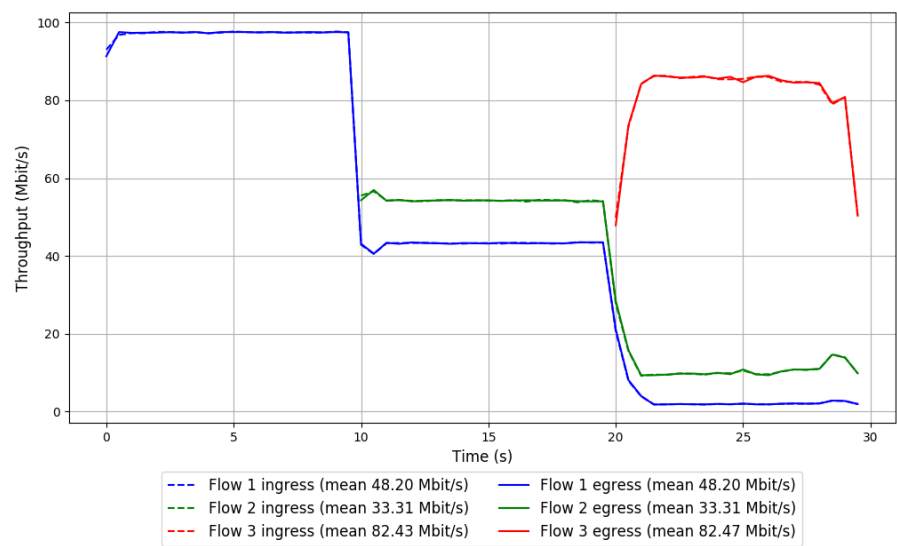


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-06 12:12:59
End at: 2018-03-06 12:13:29
Local clock offset: -5.059 ms
Remote clock offset: -7.015 ms

Below is generated by plot.py at 2018-03-06 18:55:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 10.824 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 9.177 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.31 Mbit/s
95th percentile per-packet one-way delay: 11.042 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: 12.138 ms
Loss rate: 0.05%

Run 2: Report of Indigo-1-32 — Data Link

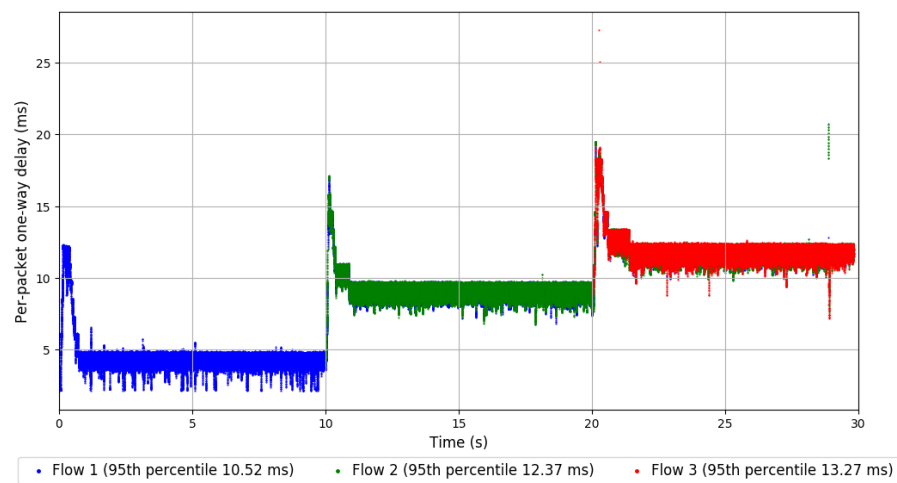
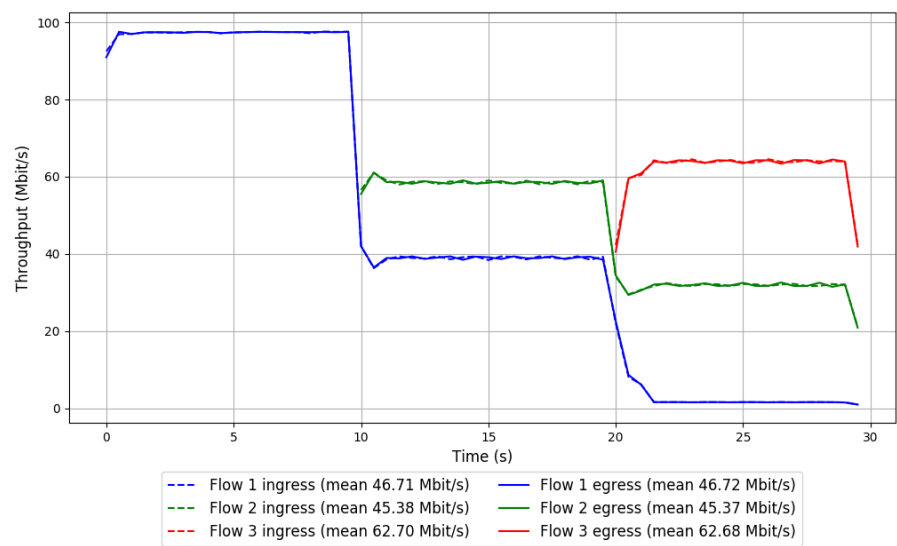


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-06 12:33:28
End at: 2018-03-06 12:33:58
Local clock offset: -3.106 ms
Remote clock offset: -7.237 ms

Below is generated by plot.py at 2018-03-06 18:55:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 12.361 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 10.522 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 12.372 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 62.68 Mbit/s
95th percentile per-packet one-way delay: 13.269 ms
Loss rate: 0.15%

Run 3: Report of Indigo-1-32 — Data Link



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-06 12:53:53

End at: 2018-03-06 12:54:23

Local clock offset: -0.506 ms

Remote clock offset: -21.9 ms

Below is generated by plot.py at 2018-03-06 18:55:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 25.330 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 25.50 Mbit/s

95th percentile per-packet one-way delay: 28.291 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 61.76 Mbit/s

95th percentile per-packet one-way delay: 25.002 ms

Loss rate: 0.04%

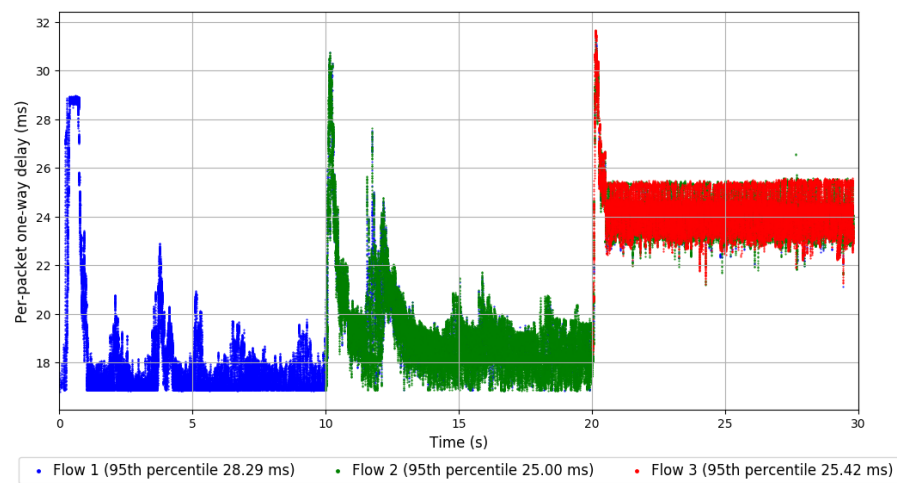
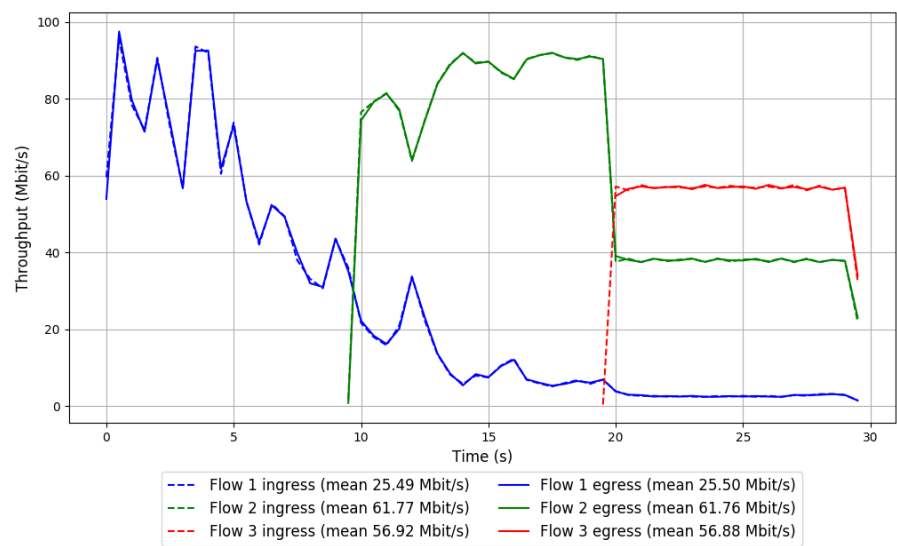
-- Flow 3:

Average throughput: 56.88 Mbit/s

95th percentile per-packet one-way delay: 25.422 ms

Loss rate: 0.13%

Run 4: Report of Indigo-1-32 — Data Link

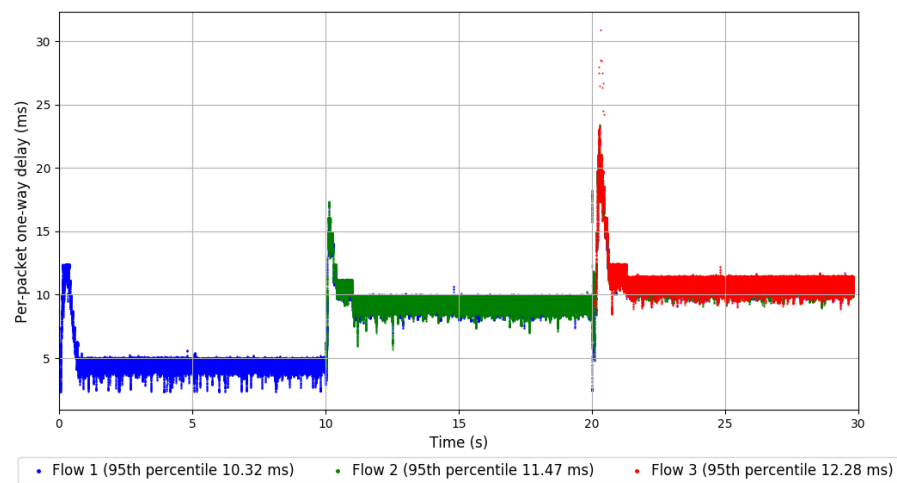
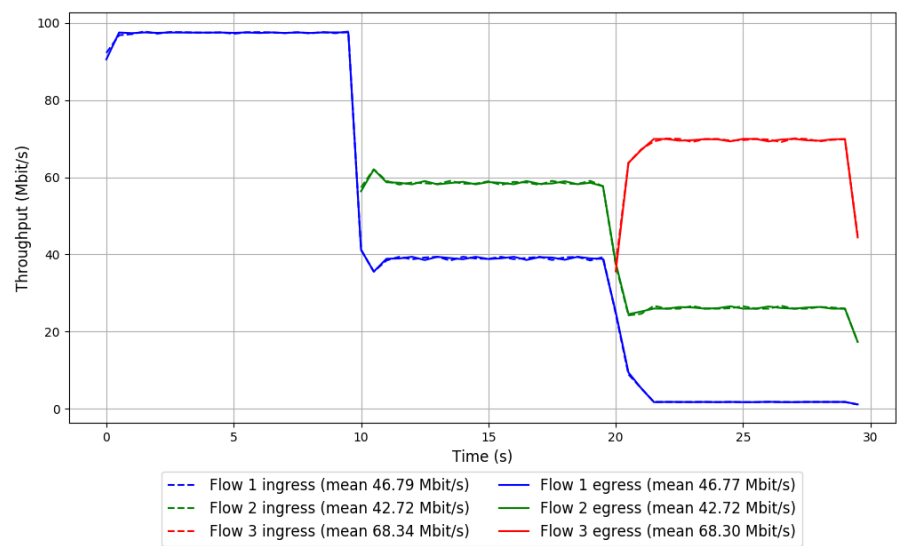


Run 5: Statistics of Indigo-1-32

Start at: 2018-03-06 13:14:19
End at: 2018-03-06 13:14:49
Local clock offset: -3.732 ms
Remote clock offset: -7.355 ms

Below is generated by plot.py at 2018-03-06 18:55:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 11.412 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.77 Mbit/s
95th percentile per-packet one-way delay: 10.318 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 11.470 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 68.30 Mbit/s
95th percentile per-packet one-way delay: 12.276 ms
Loss rate: 0.14%

Run 5: Report of Indigo-1-32 — Data Link

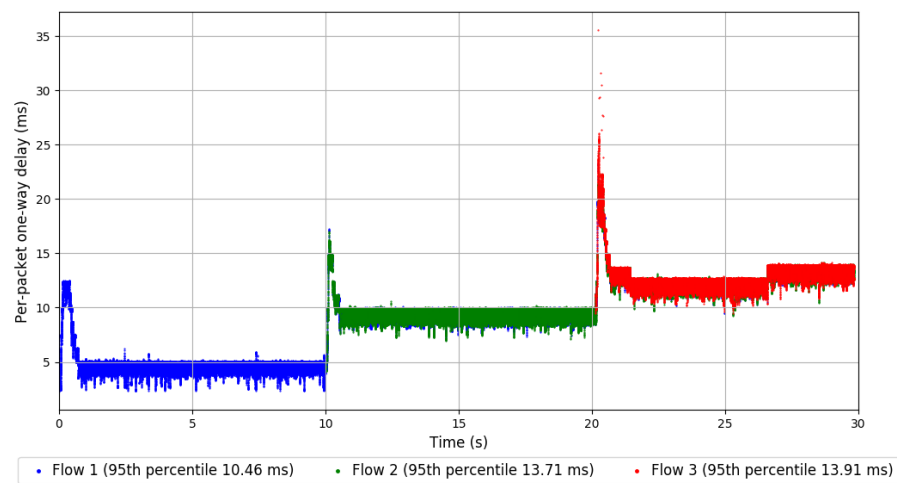
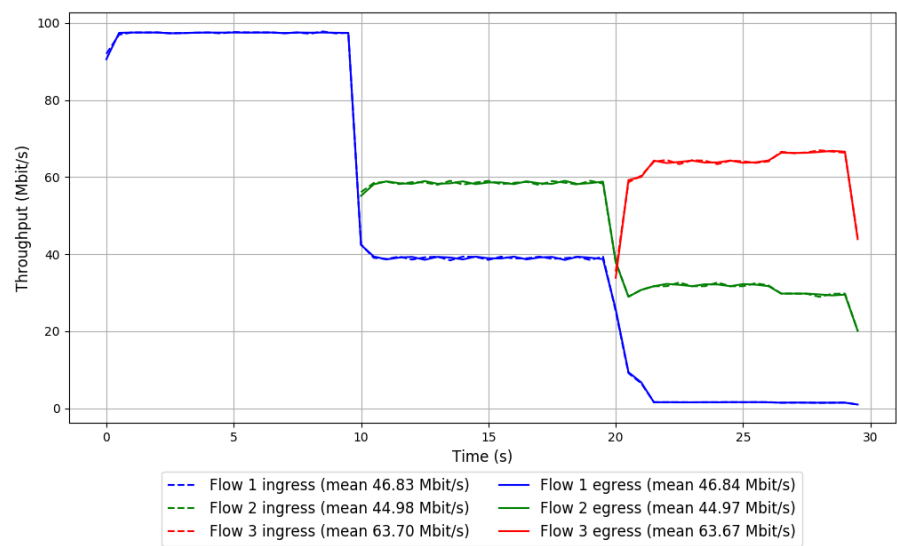


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-06 13:34:45
End at: 2018-03-06 13:35:15
Local clock offset: -4.607 ms
Remote clock offset: -7.155 ms

Below is generated by plot.py at 2018-03-06 18:56:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 13.771 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 10.457 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.97 Mbit/s
95th percentile per-packet one-way delay: 13.715 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 63.67 Mbit/s
95th percentile per-packet one-way delay: 13.911 ms
Loss rate: 0.17%

Run 6: Report of Indigo-1-32 — Data Link



Run 7: Statistics of Indigo-1-32

Start at: 2018-03-06 13:55:12

End at: 2018-03-06 13:55:42

Local clock offset: -6.137 ms

Remote clock offset: -7.04 ms

Below is generated by plot.py at 2018-03-06 18:56:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 12.447 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 46.81 Mbit/s

95th percentile per-packet one-way delay: 9.871 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 43.10 Mbit/s

95th percentile per-packet one-way delay: 12.195 ms

Loss rate: 0.04%

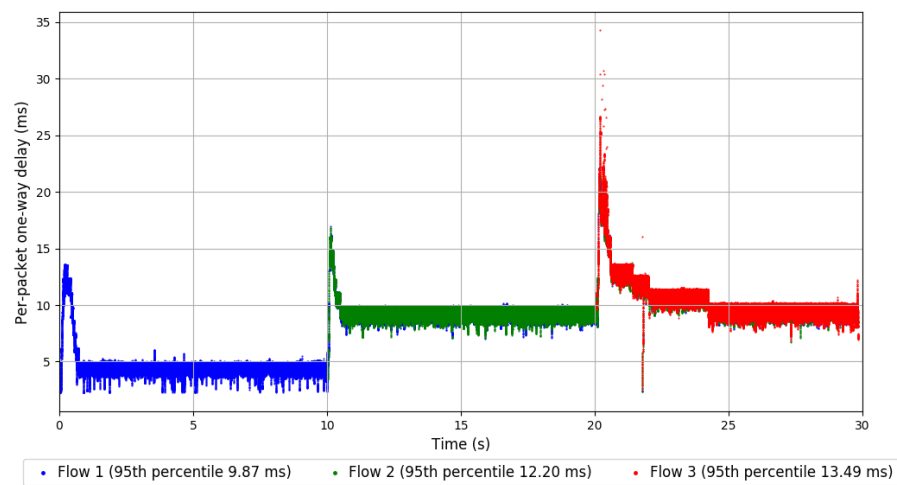
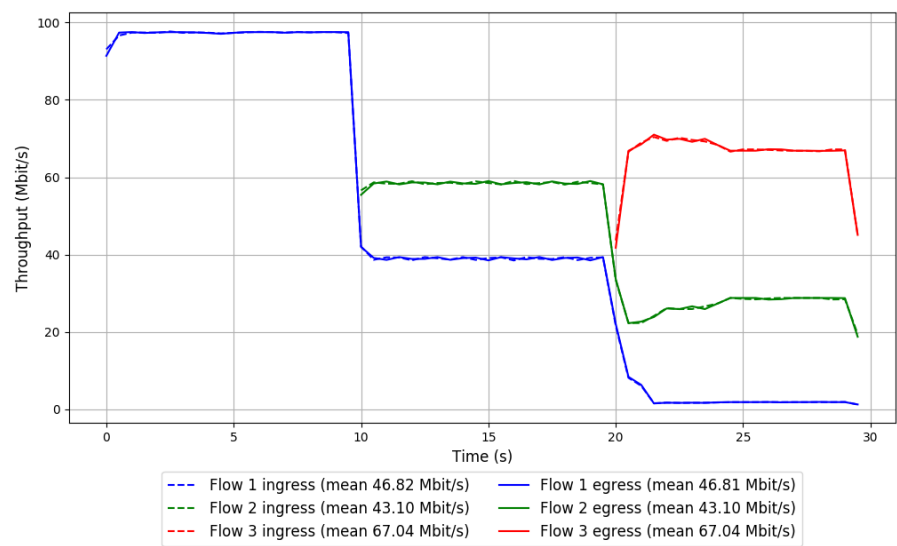
-- Flow 3:

Average throughput: 67.04 Mbit/s

95th percentile per-packet one-way delay: 13.488 ms

Loss rate: 0.12%

Run 7: Report of Indigo-1-32 — Data Link

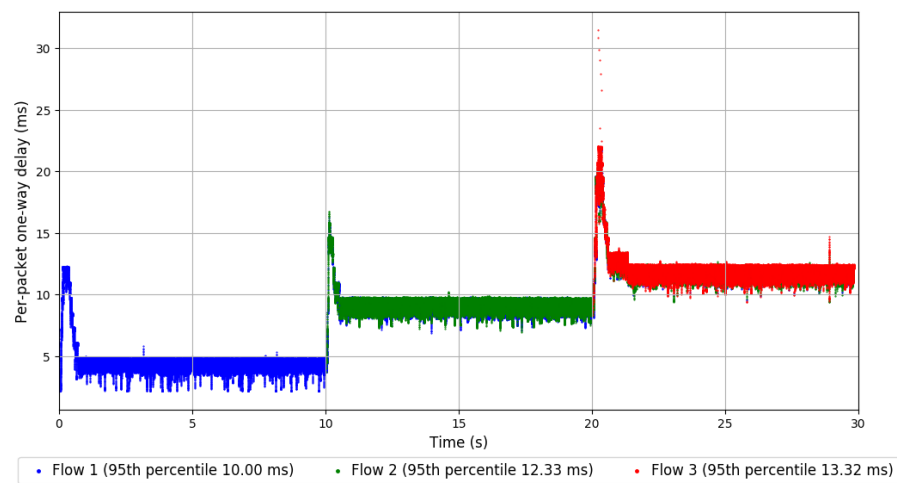
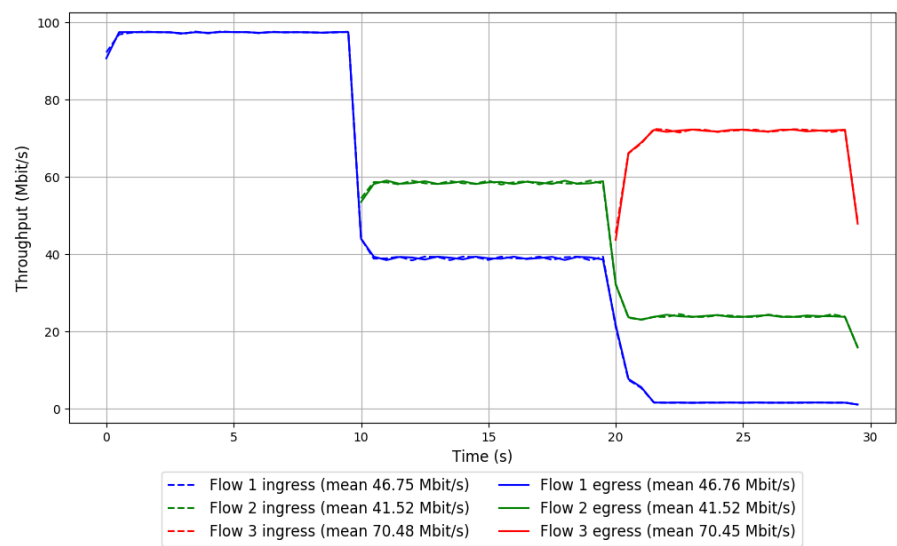


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-06 14:15:37
End at: 2018-03-06 14:16:07
Local clock offset: -5.004 ms
Remote clock offset: -6.892 ms

Below is generated by plot.py at 2018-03-06 18:56:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 12.387 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.76 Mbit/s
95th percentile per-packet one-way delay: 10.004 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 12.328 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 70.45 Mbit/s
95th percentile per-packet one-way delay: 13.322 ms
Loss rate: 0.15%

Run 8: Report of Indigo-1-32 — Data Link

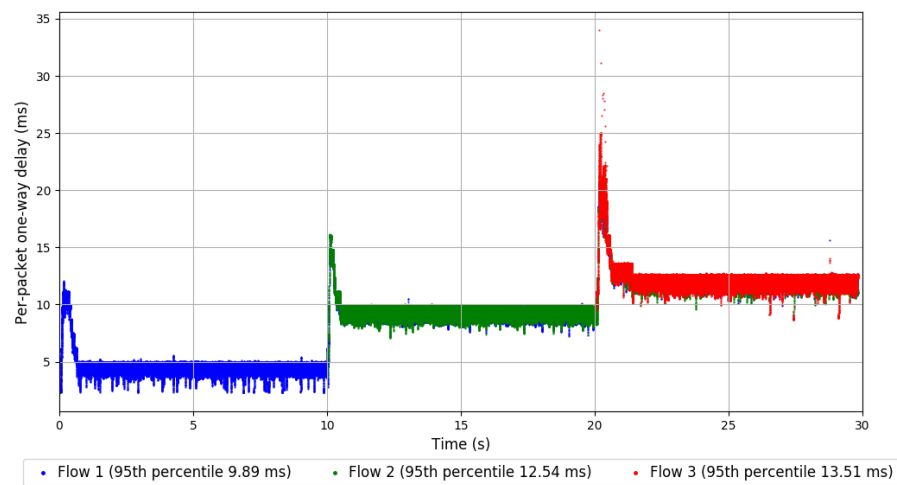
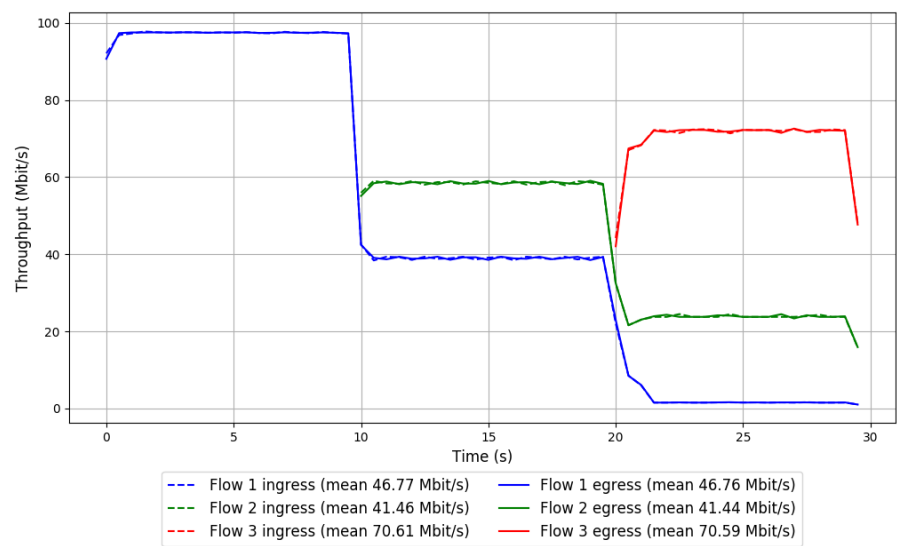


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-06 14:36:01
End at: 2018-03-06 14:36:31
Local clock offset: -3.394 ms
Remote clock offset: -6.536 ms

Below is generated by plot.py at 2018-03-06 18:56:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 12.582 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.76 Mbit/s
95th percentile per-packet one-way delay: 9.886 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.44 Mbit/s
95th percentile per-packet one-way delay: 12.537 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 13.507 ms
Loss rate: 0.16%

Run 9: Report of Indigo-1-32 — Data Link

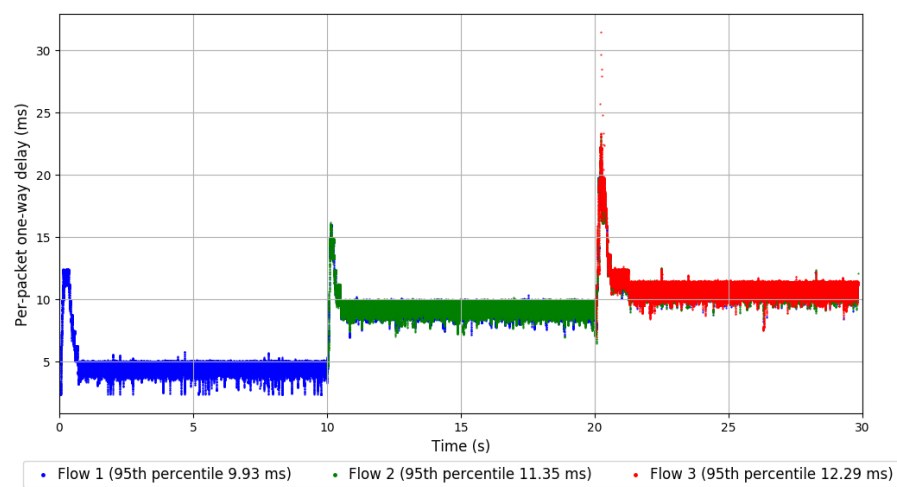
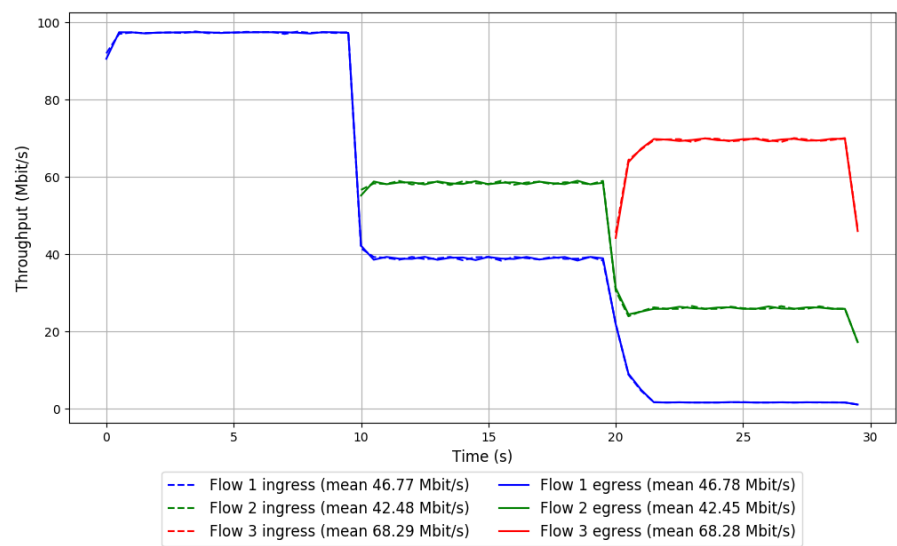


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-06 14:56:26
End at: 2018-03-06 14:56:56
Local clock offset: -3.583 ms
Remote clock offset: -6.133 ms

Below is generated by plot.py at 2018-03-06 18:56:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 11.426 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 9.932 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.45 Mbit/s
95th percentile per-packet one-way delay: 11.354 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 68.28 Mbit/s
95th percentile per-packet one-way delay: 12.285 ms
Loss rate: 0.14%

Run 10: Report of Indigo-1-32 — Data Link

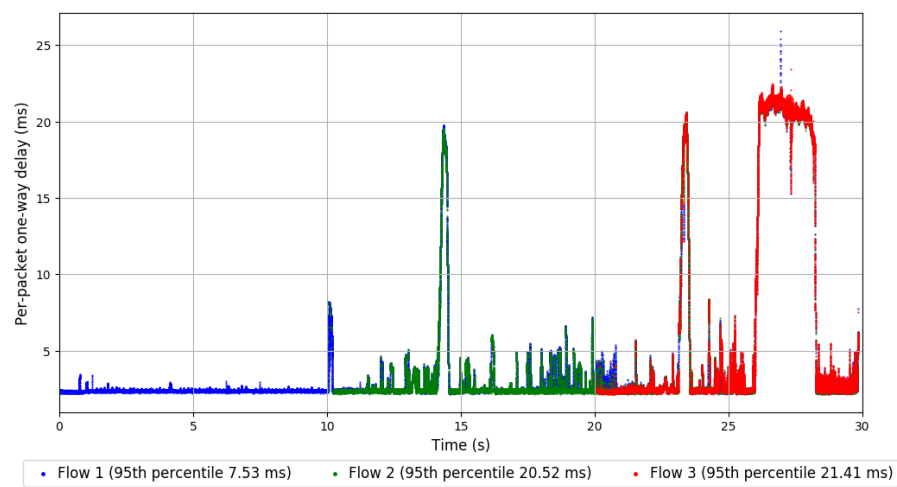
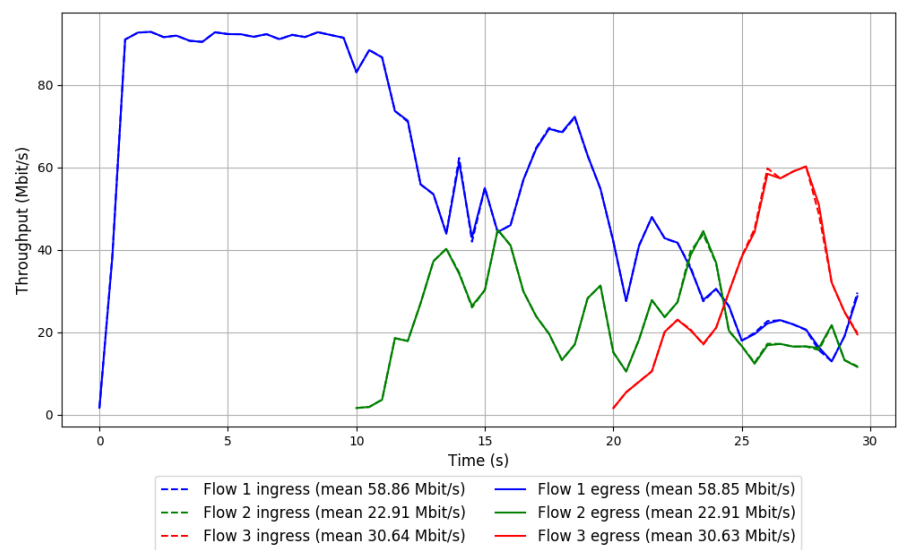


Run 1: Statistics of Vivace-latency

Start at: 2018-03-06 11:57:09
End at: 2018-03-06 11:57:39
Local clock offset: -5.113 ms
Remote clock offset: -6.912 ms

Below is generated by plot.py at 2018-03-06 18:56:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.15 Mbit/s
95th percentile per-packet one-way delay: 20.642 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 7.534 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 22.91 Mbit/s
95th percentile per-packet one-way delay: 20.521 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 30.63 Mbit/s
95th percentile per-packet one-way delay: 21.410 ms
Loss rate: 0.07%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-06 12:17:35

End at: 2018-03-06 12:18:05

Local clock offset: -5.069 ms

Remote clock offset: -7.12 ms

Below is generated by plot.py at 2018-03-06 18:56:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.32 Mbit/s

95th percentile per-packet one-way delay: 24.594 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 53.02 Mbit/s

95th percentile per-packet one-way delay: 5.599 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 33.70 Mbit/s

95th percentile per-packet one-way delay: 27.110 ms

Loss rate: 0.01%

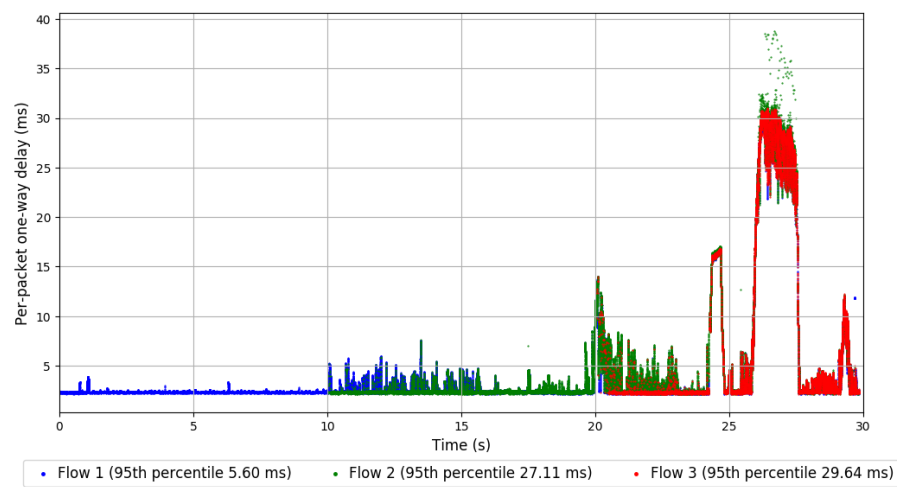
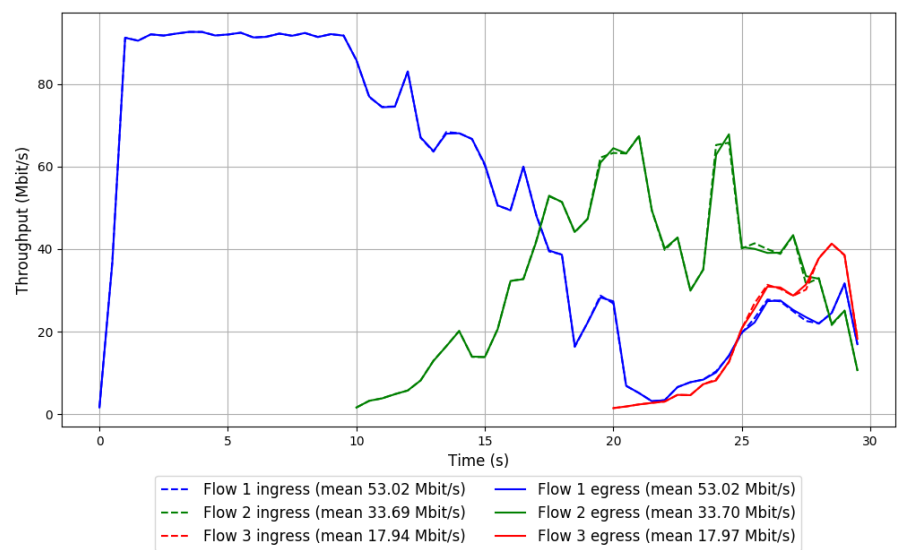
-- Flow 3:

Average throughput: 17.97 Mbit/s

95th percentile per-packet one-way delay: 29.644 ms

Loss rate: 0.09%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-03-06 12:38:02

End at: 2018-03-06 12:38:32

Local clock offset: -2.214 ms

Remote clock offset: -7.3 ms

Below is generated by plot.py at 2018-03-06 18:56:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.23 Mbit/s

95th percentile per-packet one-way delay: 7.121 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 54.73 Mbit/s

95th percentile per-packet one-way delay: 5.533 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 32.18 Mbit/s

95th percentile per-packet one-way delay: 21.189 ms

Loss rate: 0.03%

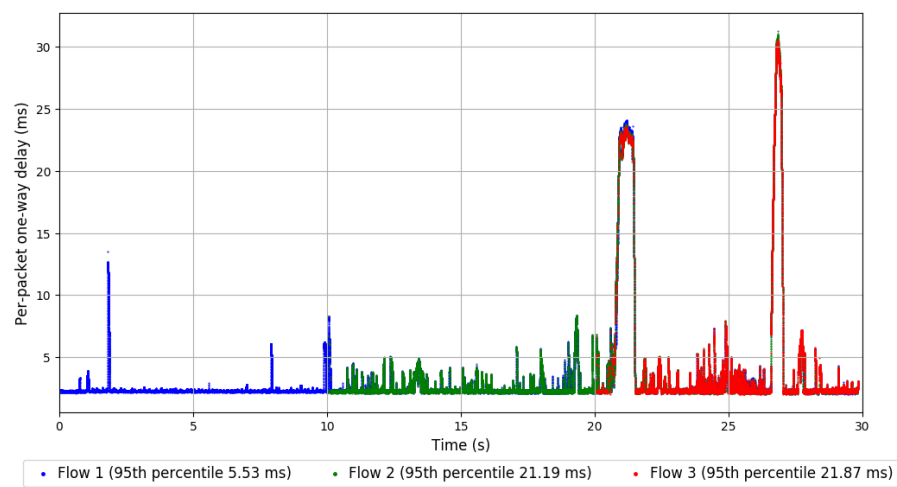
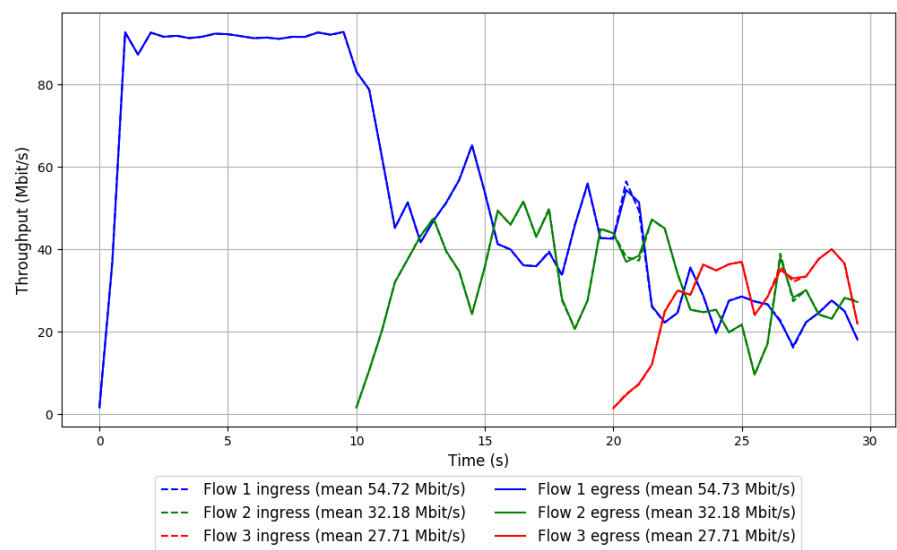
-- Flow 3:

Average throughput: 27.71 Mbit/s

95th percentile per-packet one-way delay: 21.873 ms

Loss rate: 0.05%

Run 3: Report of Vivace-latency — Data Link

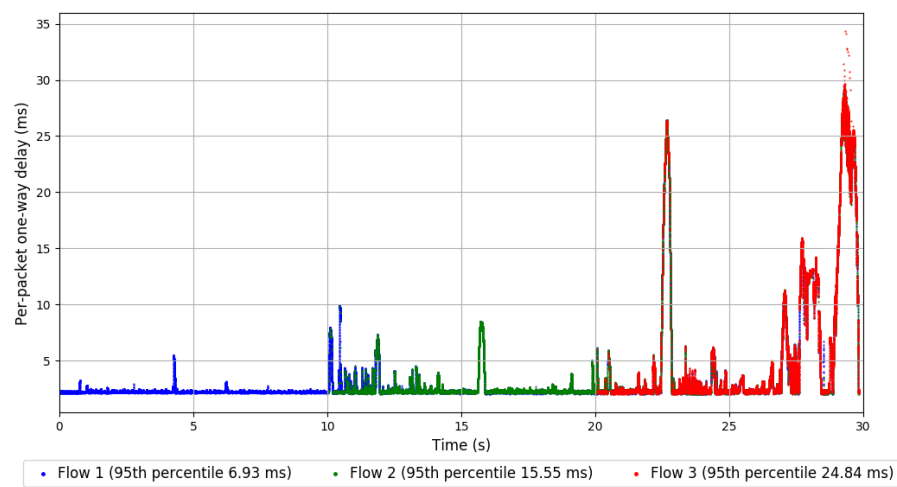
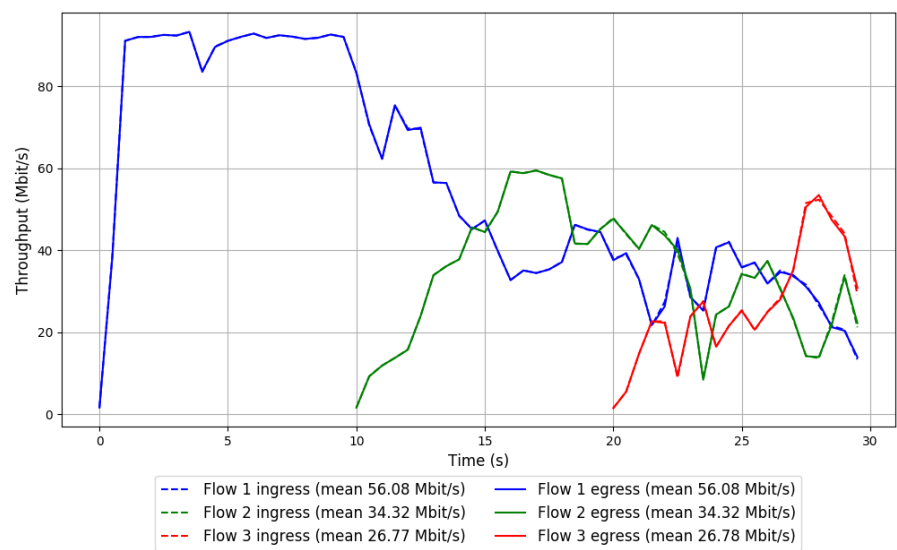


Run 4: Statistics of Vivace-latency

Start at: 2018-03-06 12:58:29
End at: 2018-03-06 12:58:59
Local clock offset: -0.242 ms
Remote clock offset: -7.349 ms

Below is generated by plot.py at 2018-03-06 18:57:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 12.727 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.08 Mbit/s
95th percentile per-packet one-way delay: 6.932 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.32 Mbit/s
95th percentile per-packet one-way delay: 15.549 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 26.78 Mbit/s
95th percentile per-packet one-way delay: 24.835 ms
Loss rate: 0.04%

Run 4: Report of Vivace-latency — Data Link

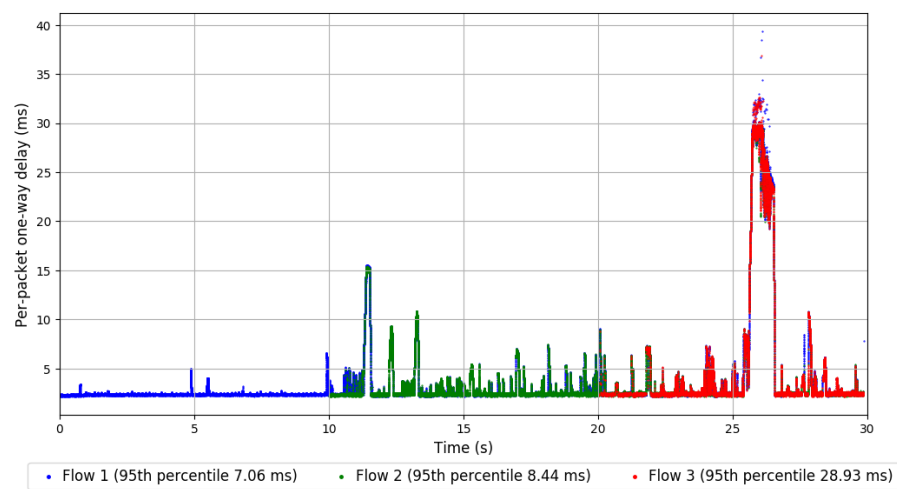
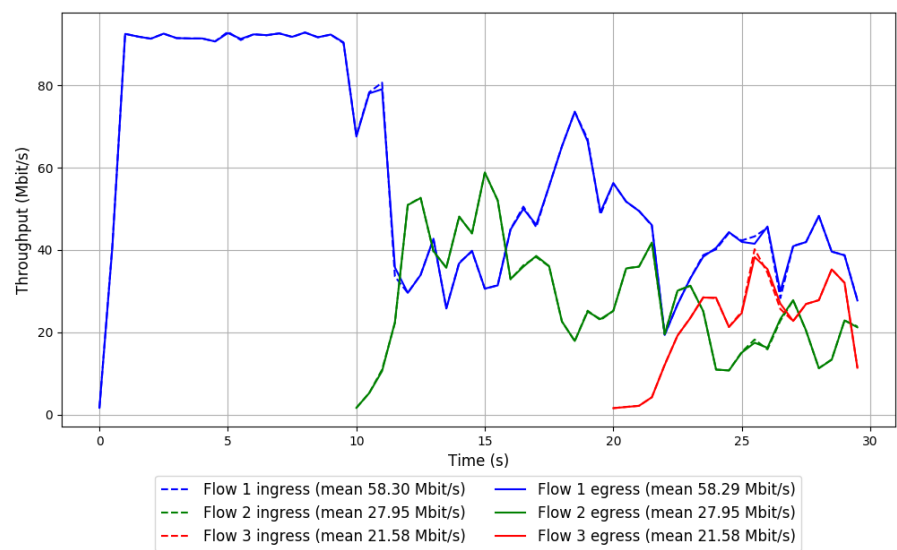


Run 5: Statistics of Vivace-latency

Start at: 2018-03-06 13:18:53
End at: 2018-03-06 13:19:23
Local clock offset: -4.16 ms
Remote clock offset: -7.372 ms

Below is generated by plot.py at 2018-03-06 18:57:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.97 Mbit/s
95th percentile per-packet one-way delay: 9.166 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 7.062 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 27.95 Mbit/s
95th percentile per-packet one-way delay: 8.436 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 21.58 Mbit/s
95th percentile per-packet one-way delay: 28.927 ms
Loss rate: 0.03%

Run 5: Report of Vivace-latency — Data Link

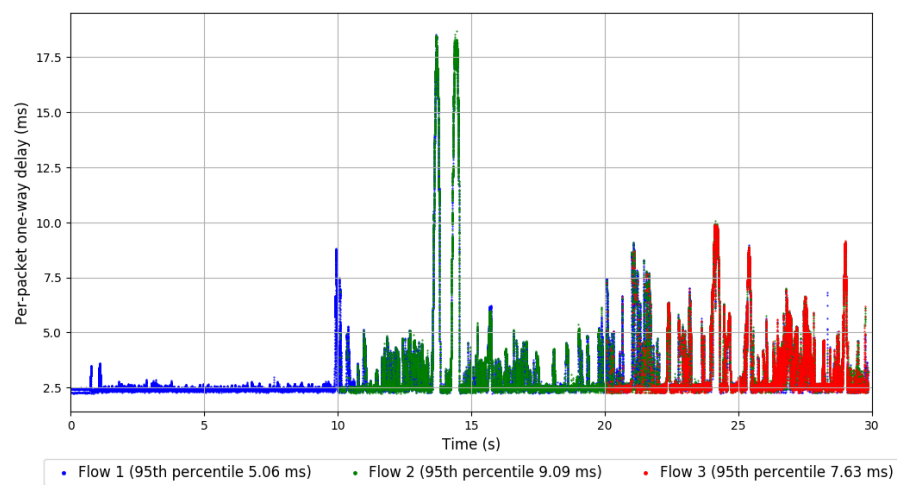
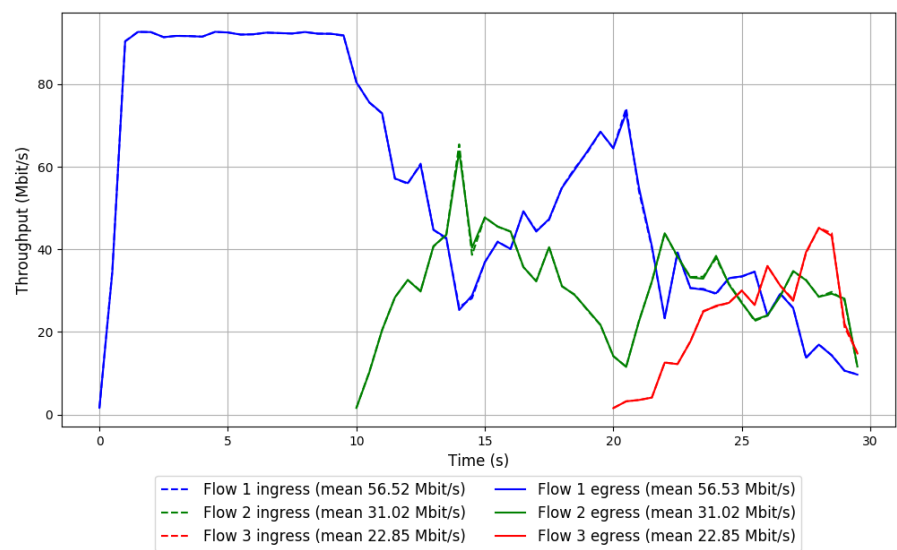


Run 6: Statistics of Vivace-latency

Start at: 2018-03-06 13:39:22
End at: 2018-03-06 13:39:52
Local clock offset: -5.211 ms
Remote clock offset: -7.215 ms

Below is generated by plot.py at 2018-03-06 18:57:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.65 Mbit/s
95th percentile per-packet one-way delay: 6.220 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.53 Mbit/s
95th percentile per-packet one-way delay: 5.064 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 9.087 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 22.85 Mbit/s
95th percentile per-packet one-way delay: 7.629 ms
Loss rate: 0.05%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-03-06 13:59:46

End at: 2018-03-06 14:00:16

Local clock offset: -6.292 ms

Remote clock offset: -7.03 ms

Below is generated by plot.py at 2018-03-06 18:57:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.68 Mbit/s

95th percentile per-packet one-way delay: 7.975 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 59.63 Mbit/s

95th percentile per-packet one-way delay: 7.354 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 39.22 Mbit/s

95th percentile per-packet one-way delay: 9.390 ms

Loss rate: 0.02%

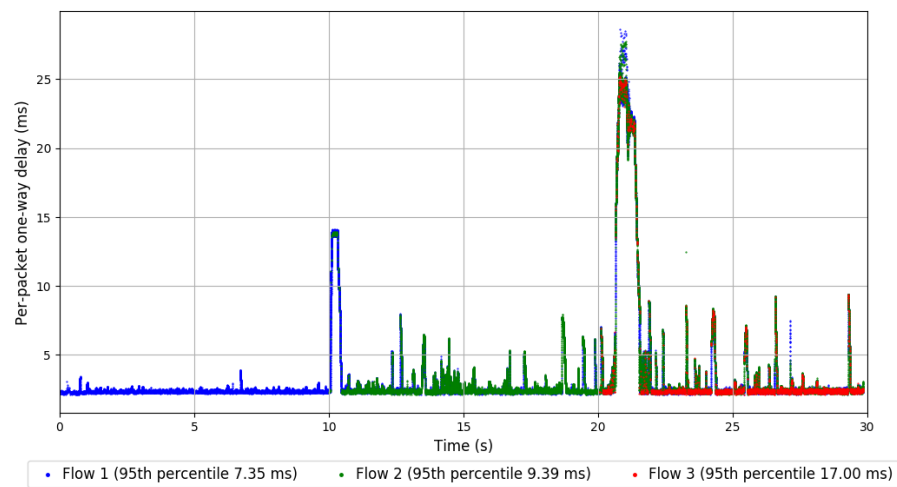
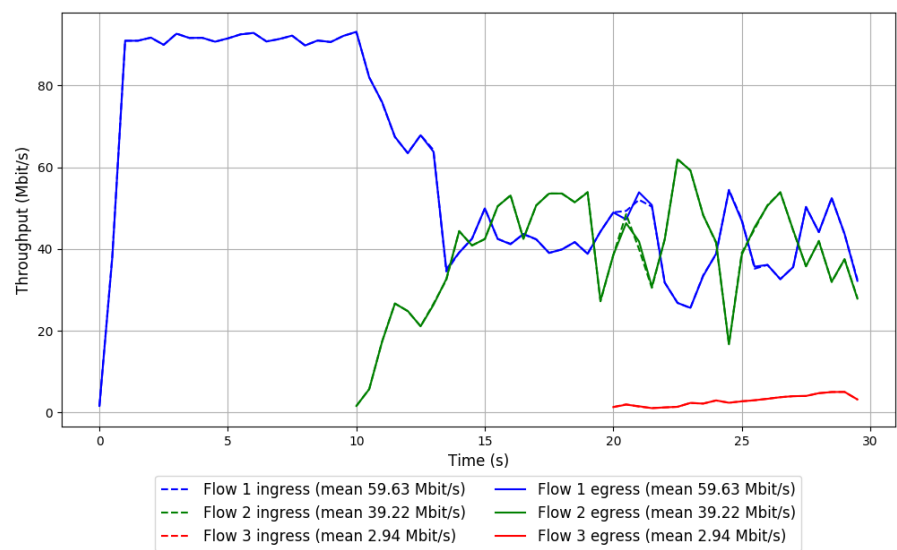
-- Flow 3:

Average throughput: 2.94 Mbit/s

95th percentile per-packet one-way delay: 16.995 ms

Loss rate: 0.04%

Run 7: Report of Vivace-latency — Data Link

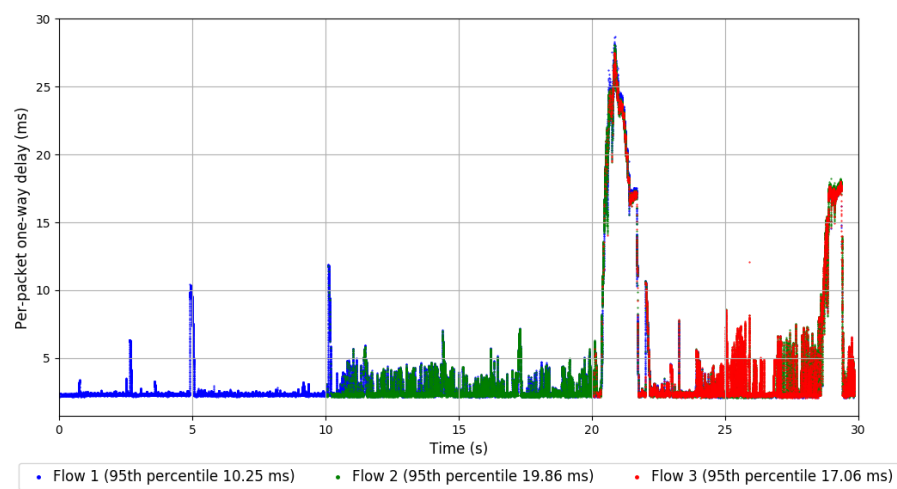
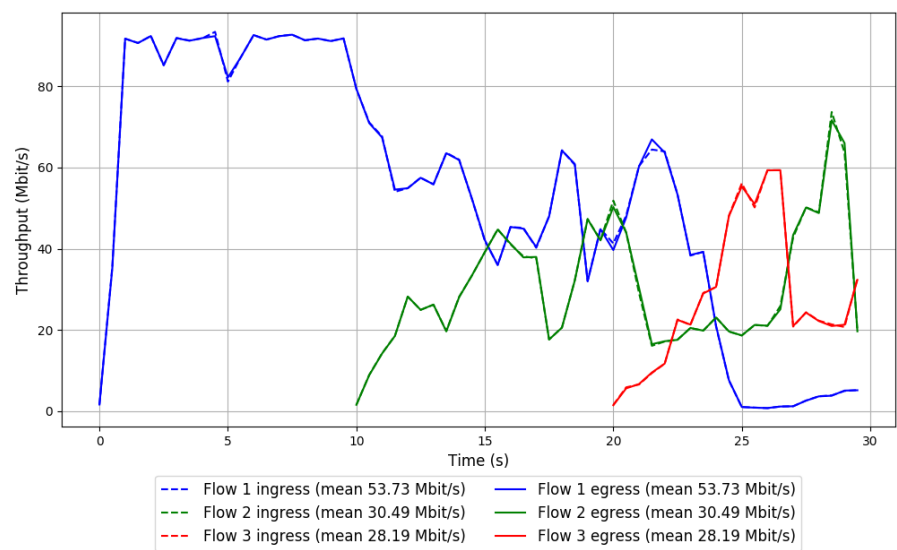


Run 8: Statistics of Vivace-latency

Start at: 2018-03-06 14:20:11
End at: 2018-03-06 14:20:41
Local clock offset: -4.309 ms
Remote clock offset: -6.863 ms

Below is generated by plot.py at 2018-03-06 18:57:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.25 Mbit/s
95th percentile per-packet one-way delay: 17.195 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 53.73 Mbit/s
95th percentile per-packet one-way delay: 10.252 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 19.859 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 28.19 Mbit/s
95th percentile per-packet one-way delay: 17.059 ms
Loss rate: 0.08%

Run 8: Report of Vivace-latency — Data Link

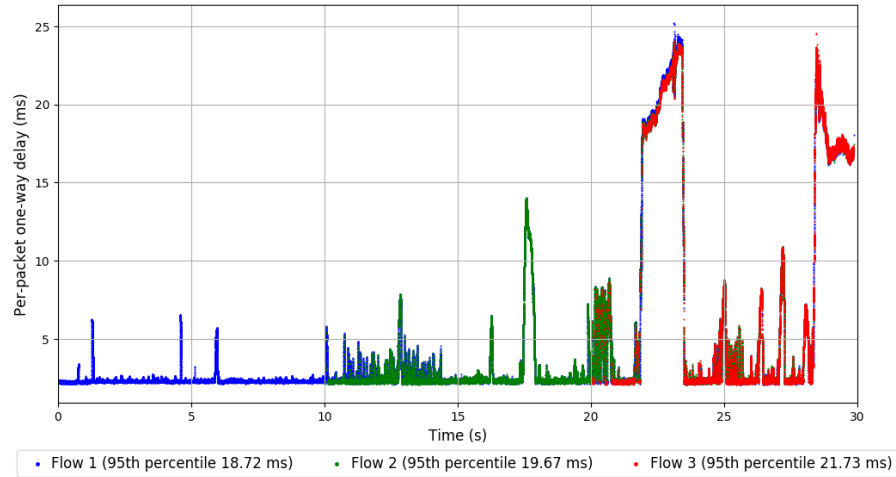
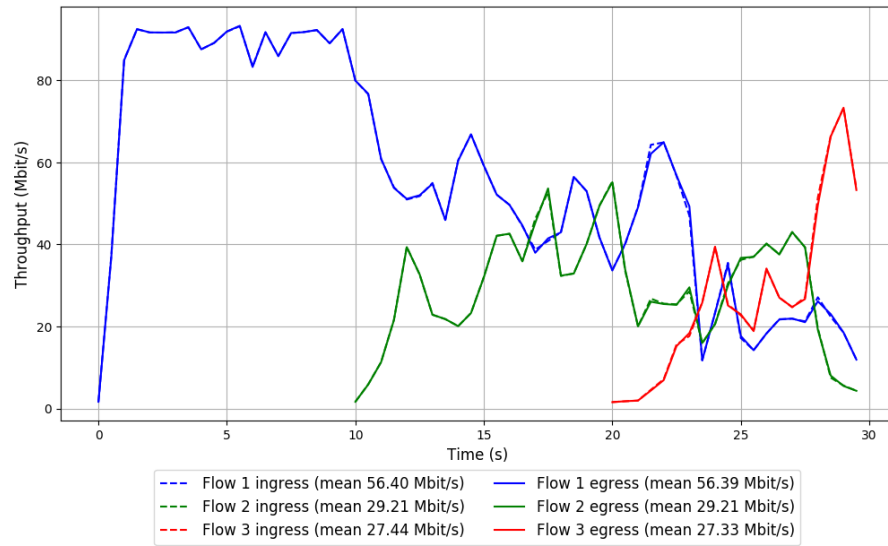


Run 9: Statistics of Vivace-latency

Start at: 2018-03-06 14:40:36
End at: 2018-03-06 14:41:06
Local clock offset: -3.262 ms
Remote clock offset: -6.388 ms

Below is generated by plot.py at 2018-03-06 18:57:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 19.376 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 18.720 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 29.21 Mbit/s
95th percentile per-packet one-way delay: 19.672 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 21.727 ms
Loss rate: 0.53%

Run 9: Report of Vivace-latency — Data Link

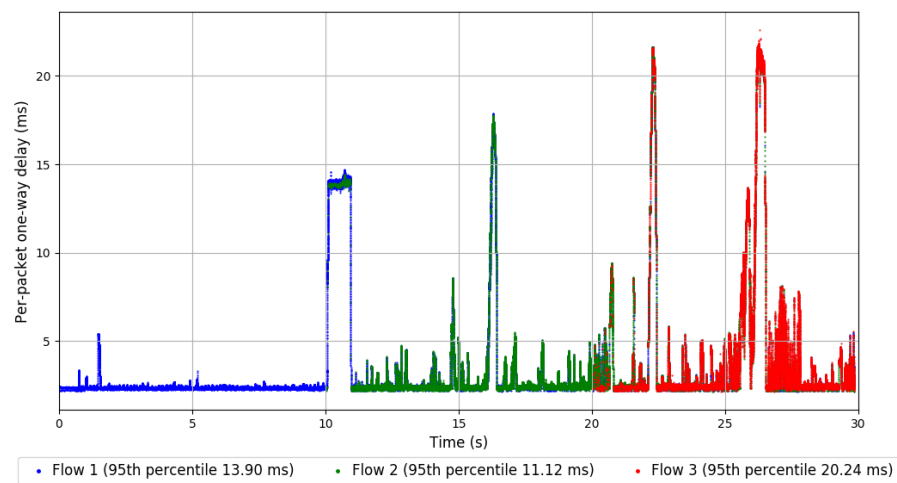
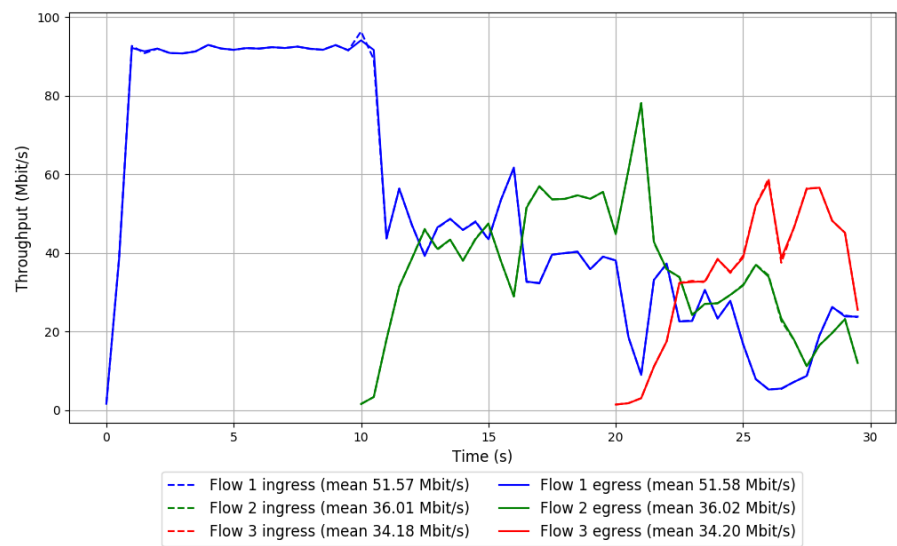


Run 10: Statistics of Vivace-latency

Start at: 2018-03-06 15:00:59
End at: 2018-03-06 15:01:30
Local clock offset: -3.633 ms
Remote clock offset: -6.114 ms

Below is generated by plot.py at 2018-03-06 18:57:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.76 Mbit/s
95th percentile per-packet one-way delay: 13.893 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 51.58 Mbit/s
95th percentile per-packet one-way delay: 13.900 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.02 Mbit/s
95th percentile per-packet one-way delay: 11.123 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 20.244 ms
Loss rate: 0.05%

Run 10: Report of Vivace-latency — Data Link

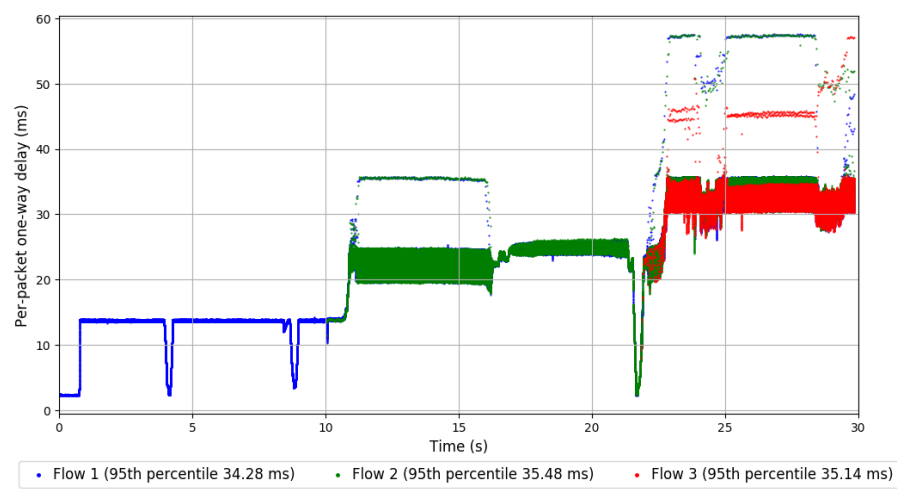
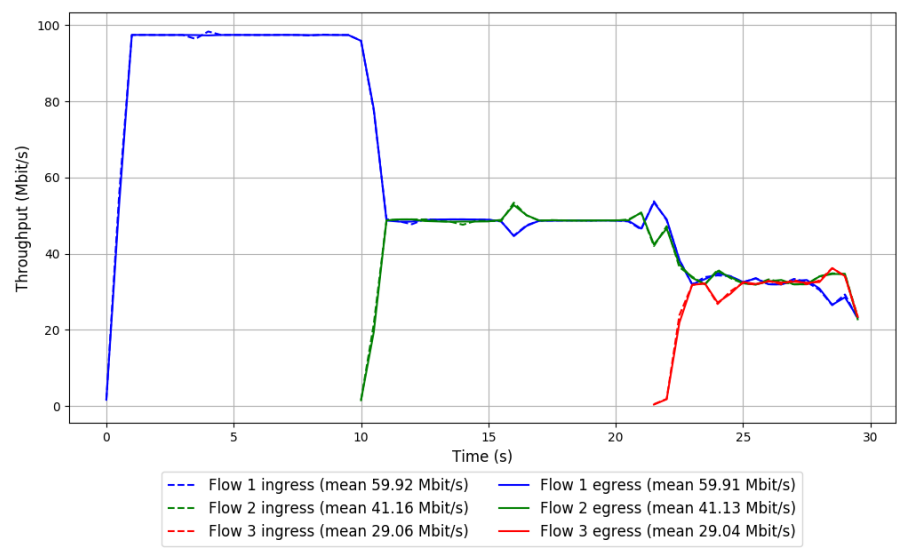


Run 1: Statistics of Vivace-loss

Start at: 2018-03-06 11:54:52
End at: 2018-03-06 11:55:22
Local clock offset: -5.13 ms
Remote clock offset: -6.929 ms

Below is generated by plot.py at 2018-03-06 18:58:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 35.251 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.91 Mbit/s
95th percentile per-packet one-way delay: 34.280 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 41.13 Mbit/s
95th percentile per-packet one-way delay: 35.482 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 35.143 ms
Loss rate: 0.47%

Run 1: Report of Vivace-loss — Data Link

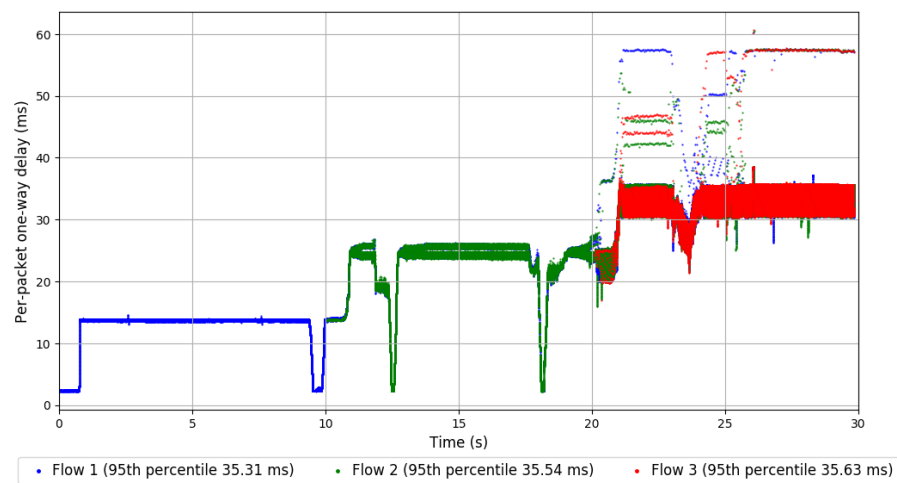
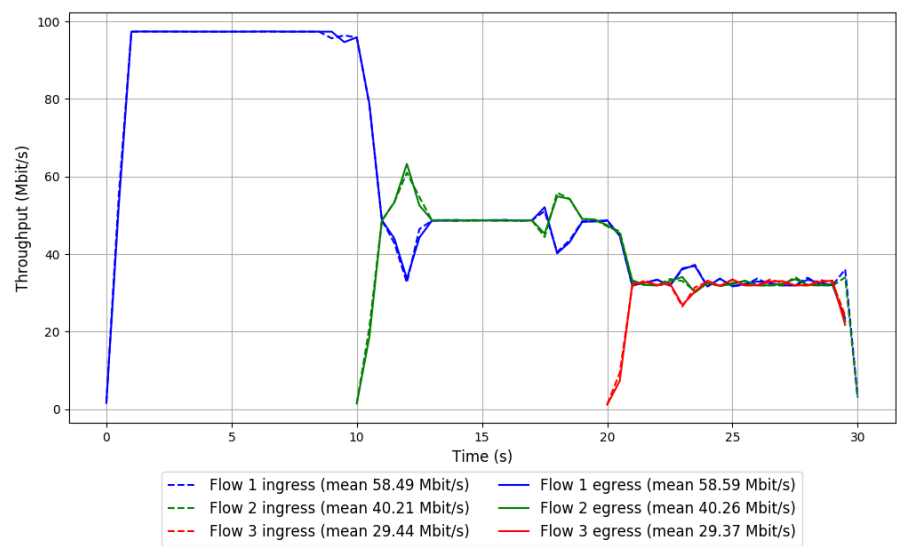


Run 2: Statistics of Vivace-loss

Start at: 2018-03-06 12:15:18
End at: 2018-03-06 12:15:48
Local clock offset: -5.063 ms
Remote clock offset: -7.049 ms

Below is generated by plot.py at 2018-03-06 18:59:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 35.506 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 35.315 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 40.26 Mbit/s
95th percentile per-packet one-way delay: 35.537 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 29.37 Mbit/s
95th percentile per-packet one-way delay: 35.629 ms
Loss rate: 0.79%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-06 12:35:47

End at: 2018-03-06 12:36:17

Local clock offset: -2.585 ms

Remote clock offset: -7.344 ms

Run 3: Report of Vivace-loss — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Vivace-loss

Start at: 2018-03-06 12:56:12

End at: 2018-03-06 12:56:42

Local clock offset: -0.344 ms

Remote clock offset: -7.34 ms

Below is generated by plot.py at 2018-03-06 18:59:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.85 Mbit/s

95th percentile per-packet one-way delay: 35.242 ms

Loss rate: 1.55%

-- Flow 1:

Average throughput: 57.33 Mbit/s

95th percentile per-packet one-way delay: 33.691 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 42.57 Mbit/s

95th percentile per-packet one-way delay: 35.371 ms

Loss rate: 2.26%

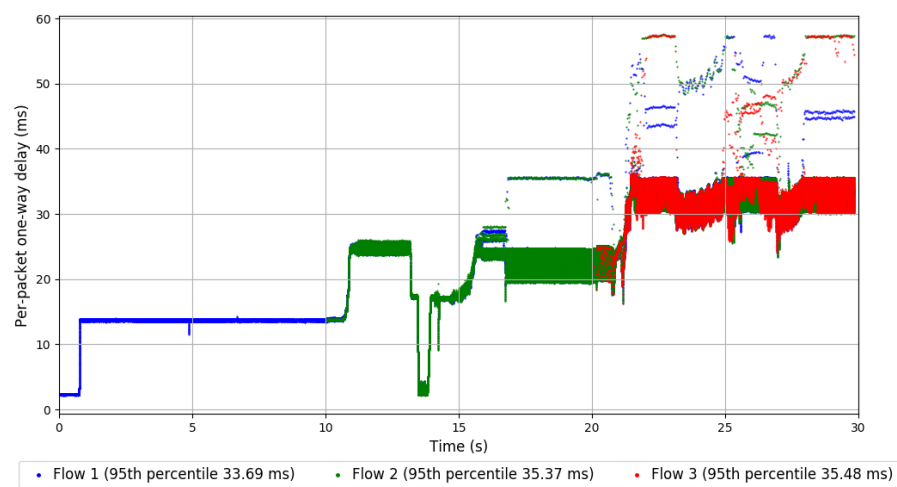
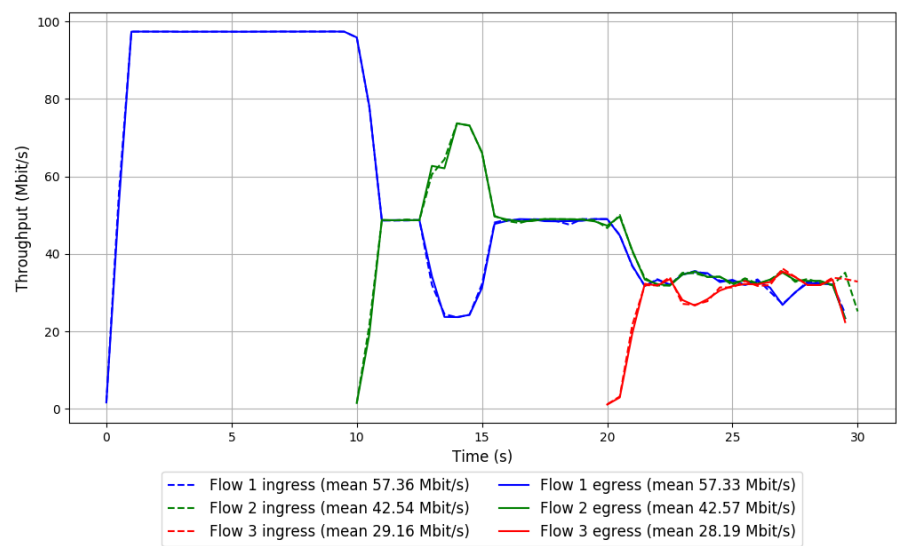
-- Flow 3:

Average throughput: 28.19 Mbit/s

95th percentile per-packet one-way delay: 35.485 ms

Loss rate: 7.78%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-06 13:16:39

End at: 2018-03-06 13:17:09

Local clock offset: -3.894 ms

Remote clock offset: -7.368 ms

Run 5: Report of Vivace-loss — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Vivace-loss

Start at: 2018-03-06 13:37:04

End at: 2018-03-06 13:37:34

Local clock offset: -4.864 ms

Remote clock offset: -7.14 ms

Below is generated by plot.py at 2018-03-06 18:59:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.80 Mbit/s

95th percentile per-packet one-way delay: 35.583 ms

Loss rate: 2.54%

-- Flow 1:

Average throughput: 57.99 Mbit/s

95th percentile per-packet one-way delay: 35.362 ms

Loss rate: 1.76%

-- Flow 2:

Average throughput: 40.56 Mbit/s

95th percentile per-packet one-way delay: 35.653 ms

Loss rate: 4.80%

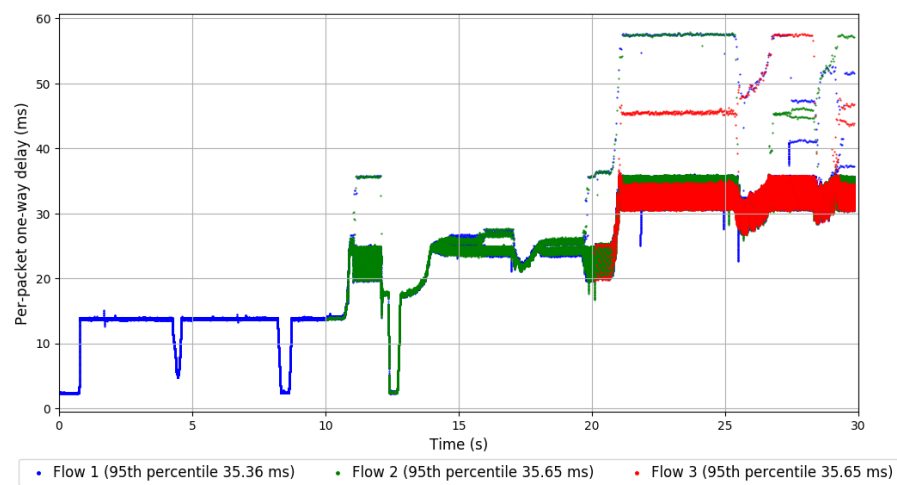
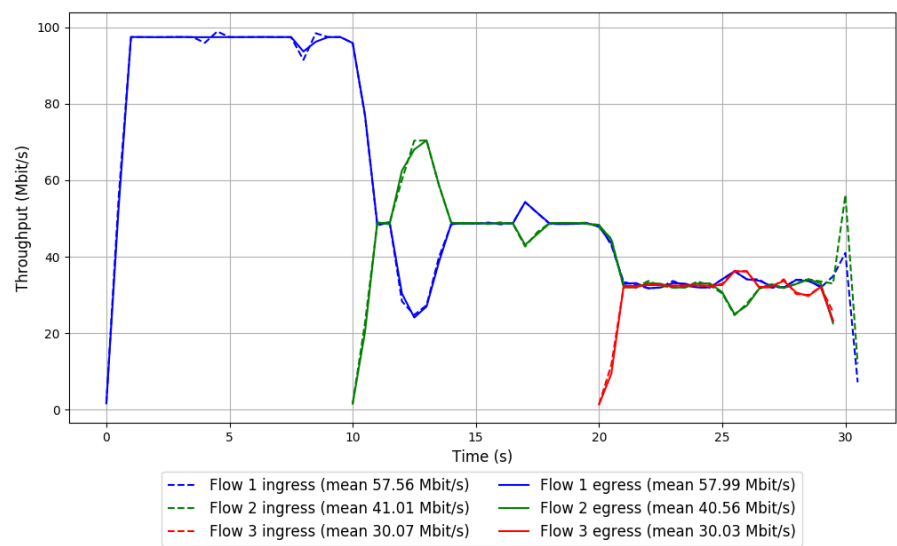
-- Flow 3:

Average throughput: 30.03 Mbit/s

95th percentile per-packet one-way delay: 35.649 ms

Loss rate: 0.75%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-03-06 13:57:32

End at: 2018-03-06 13:58:02

Local clock offset: -6.224 ms

Remote clock offset: -7.045 ms

Run 7: Report of Vivace-loss — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Vivace-loss

Start at: 2018-03-06 14:17:56

End at: 2018-03-06 14:18:26

Local clock offset: -4.671 ms

Remote clock offset: -6.953 ms

Run 8: Report of Vivace-loss — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Vivace-loss

Start at: 2018-03-06 14:38:21

End at: 2018-03-06 14:38:51

Local clock offset: -3.242 ms

Remote clock offset: -6.401 ms

Run 9: Report of Vivace-loss — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Vivace-loss

Start at: 2018-03-06 14:58:45

End at: 2018-03-06 14:59:15

Local clock offset: -3.629 ms

Remote clock offset: -6.123 ms

Run 10: Report of Vivace-loss — Data Link

Figure is missing

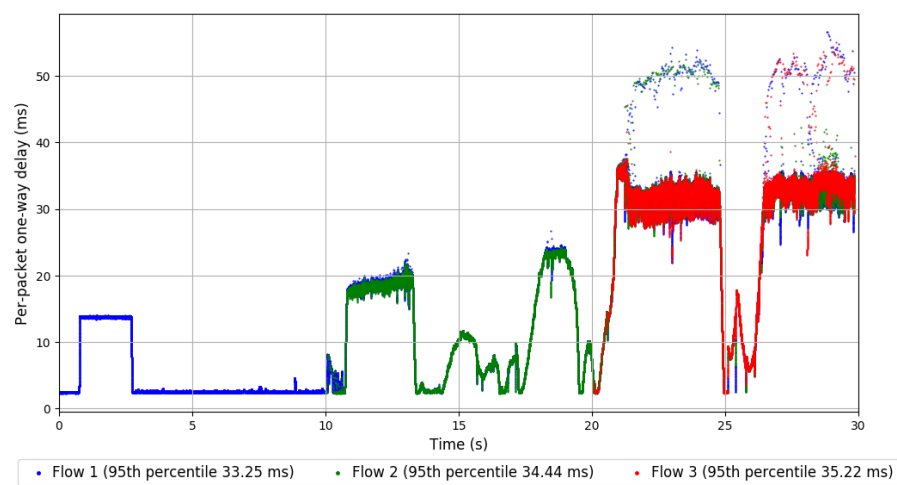
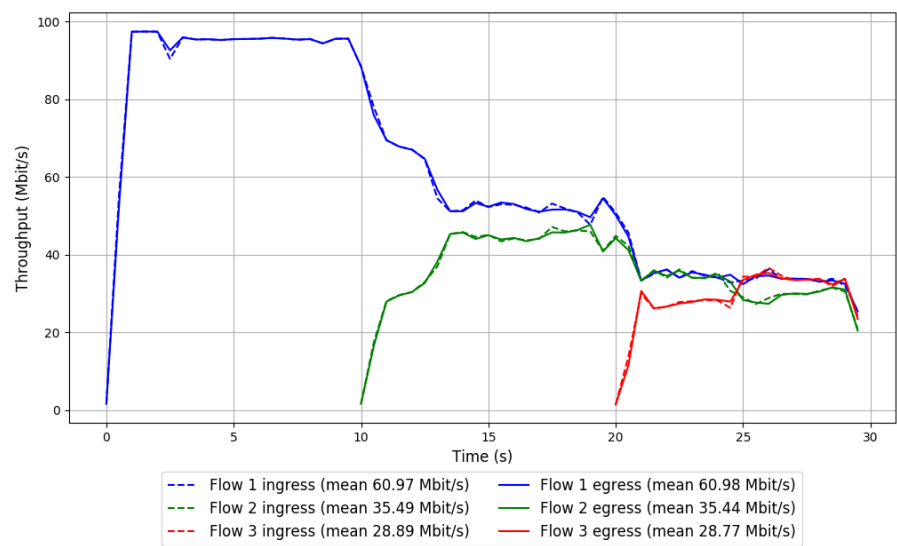
Figure is missing

Run 1: Statistics of Vivace-LTE

Start at: 2018-03-06 12:02:54
End at: 2018-03-06 12:03:24
Local clock offset: -5.103 ms
Remote clock offset: -6.922 ms

Below is generated by plot.py at 2018-03-06 18:59:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 34.233 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 33.246 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 34.438 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 35.220 ms
Loss rate: 0.51%

Run 1: Report of Vivace-LTE — Data Link

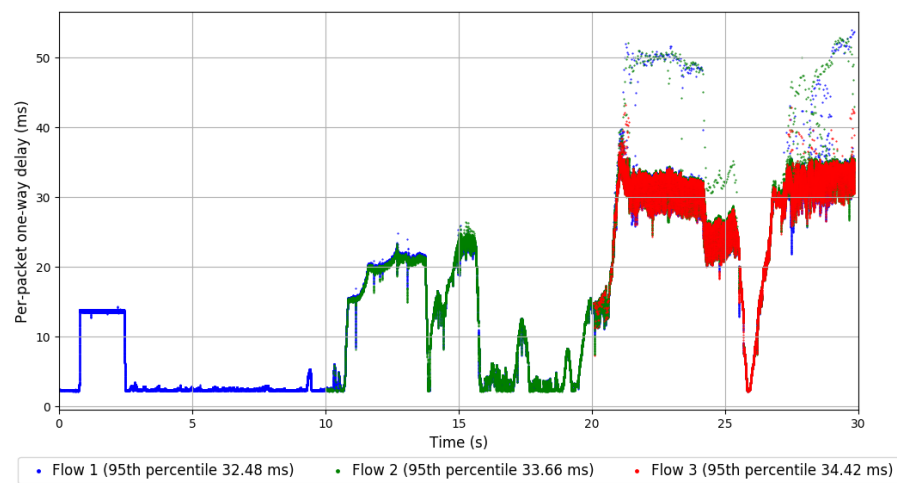
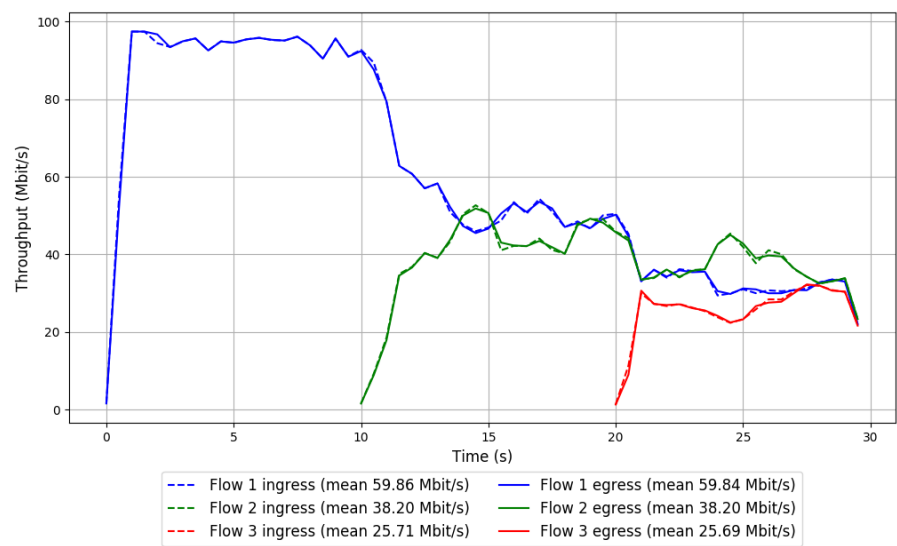


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-06 12:23:22
End at: 2018-03-06 12:23:52
Local clock offset: -5.036 ms
Remote clock offset: -7.225 ms

Below is generated by plot.py at 2018-03-06 18:59:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 33.322 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.84 Mbit/s
95th percentile per-packet one-way delay: 32.475 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 33.663 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 25.69 Mbit/s
95th percentile per-packet one-way delay: 34.420 ms
Loss rate: 0.45%

Run 2: Report of Vivace-LTE — Data Link

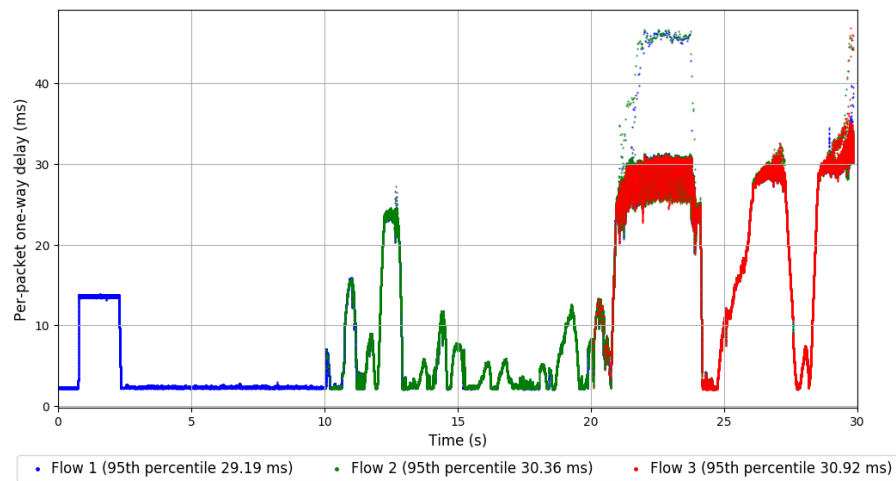
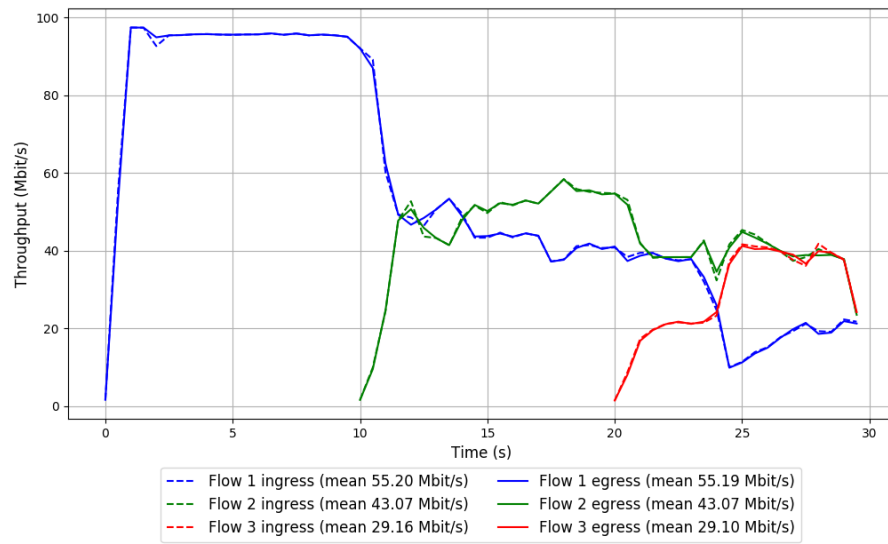


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-06 12:43:48
End at: 2018-03-06 12:44:18
Local clock offset: -1.453 ms
Remote clock offset: -7.302 ms

Below is generated by plot.py at 2018-03-06 18:59:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 30.156 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 55.19 Mbit/s
95th percentile per-packet one-way delay: 29.187 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 30.356 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 30.923 ms
Loss rate: 0.40%

Run 3: Report of Vivace-LTE — Data Link

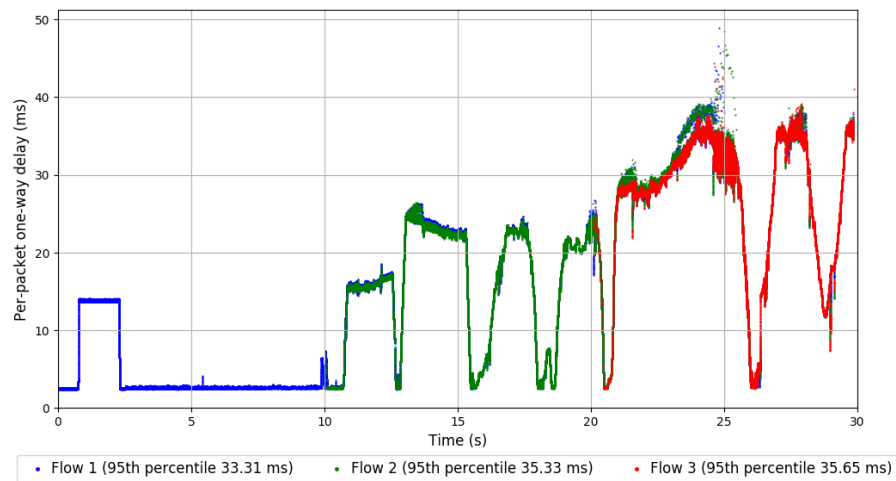
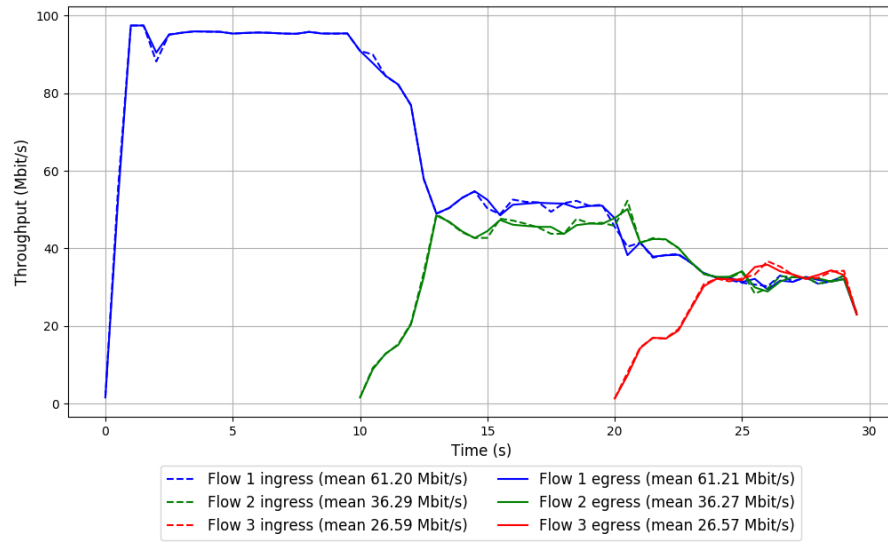


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-06 13:04:14
End at: 2018-03-06 13:04:44
Local clock offset: -1.382 ms
Remote clock offset: -7.363 ms

Below is generated by plot.py at 2018-03-06 18:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 35.112 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 61.21 Mbit/s
95th percentile per-packet one-way delay: 33.315 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 35.334 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 35.651 ms
Loss rate: 0.45%

Run 4: Report of Vivace-LTE — Data Link

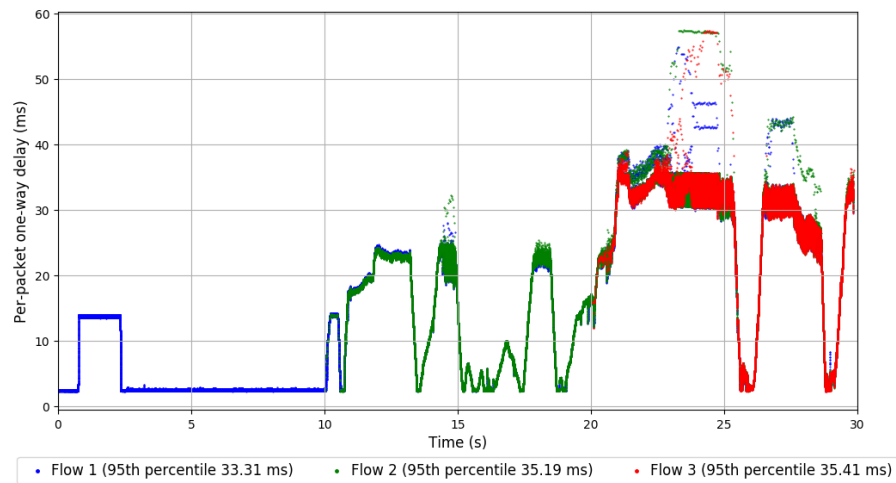
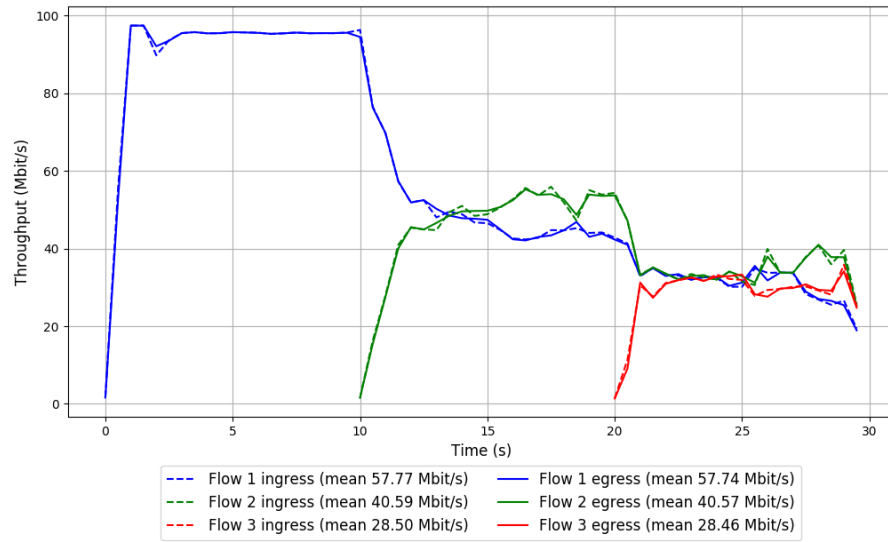


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-06 13:24:40
End at: 2018-03-06 13:25:10
Local clock offset: -4.393 ms
Remote clock offset: -7.267 ms

Below is generated by plot.py at 2018-03-06 18:59:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 34.831 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 33.315 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 35.191 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 28.46 Mbit/s
95th percentile per-packet one-way delay: 35.408 ms
Loss rate: 0.43%

Run 5: Report of Vivace-LTE — Data Link

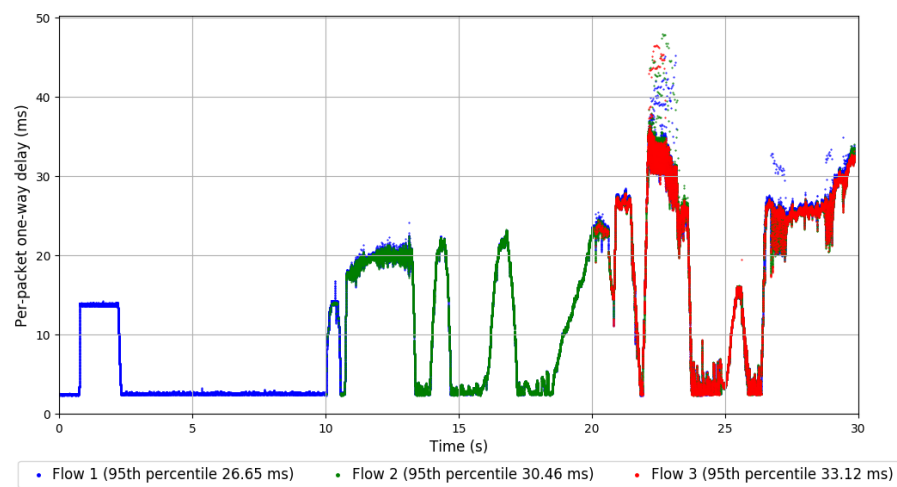
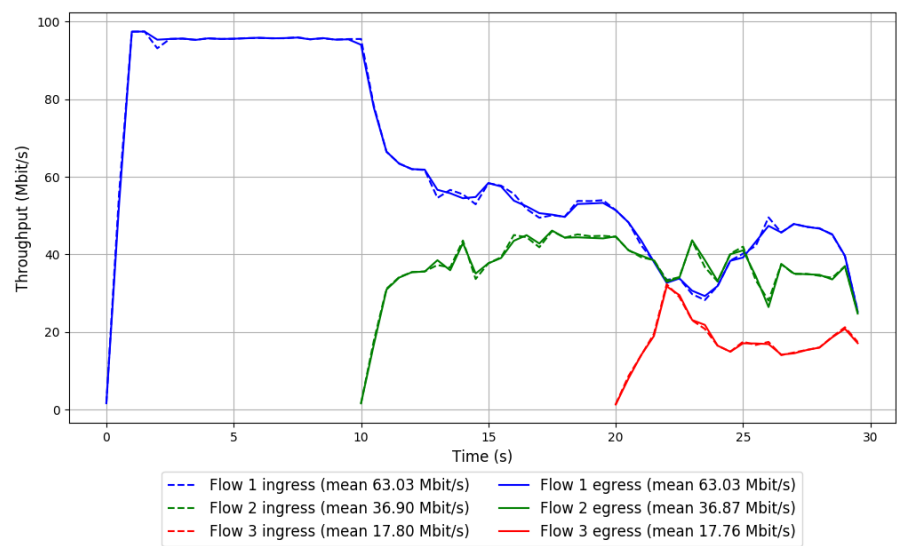


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-06 13:45:07
End at: 2018-03-06 13:45:37
Local clock offset: -5.627 ms
Remote clock offset: -7.185 ms

Below is generated by plot.py at 2018-03-06 19:00:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 29.573 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 26.654 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 30.462 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 17.76 Mbit/s
95th percentile per-packet one-way delay: 33.124 ms
Loss rate: 0.50%

Run 6: Report of Vivace-LTE — Data Link

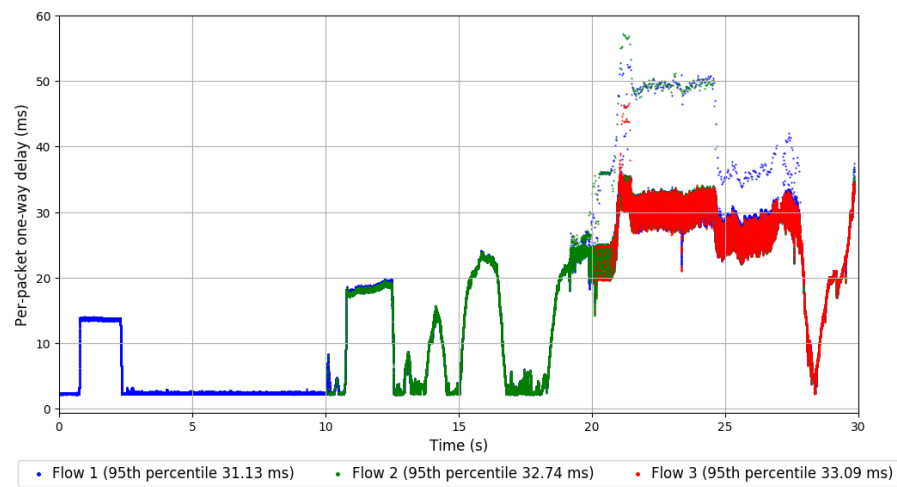
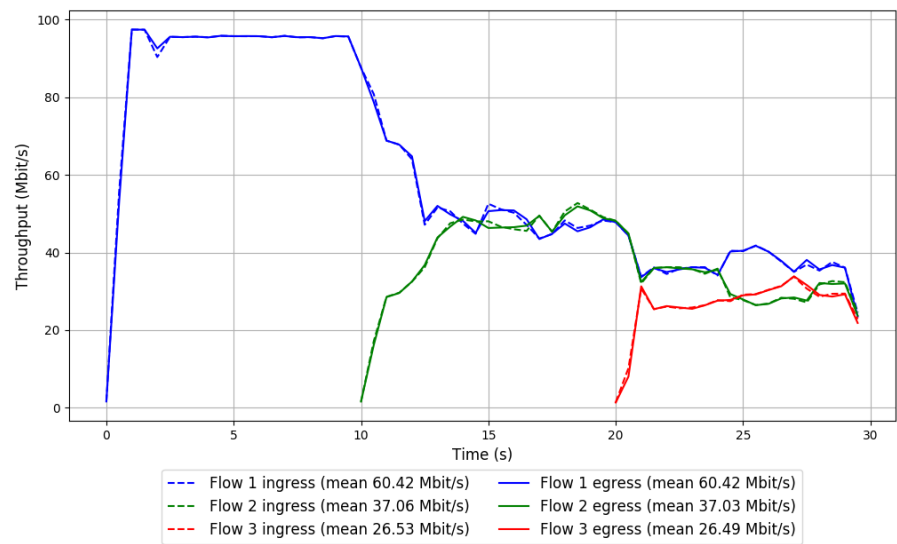


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-06 14:05:32
End at: 2018-03-06 14:06:02
Local clock offset: -6.368 ms
Remote clock offset: -6.948 ms

Below is generated by plot.py at 2018-03-06 19:00:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 32.448 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 31.127 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.03 Mbit/s
95th percentile per-packet one-way delay: 32.744 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 33.092 ms
Loss rate: 0.45%

Run 7: Report of Vivace-LTE — Data Link

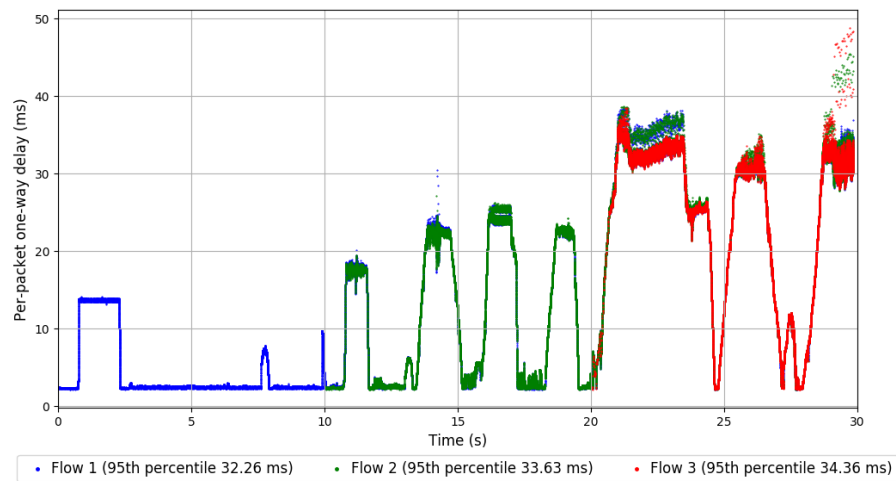
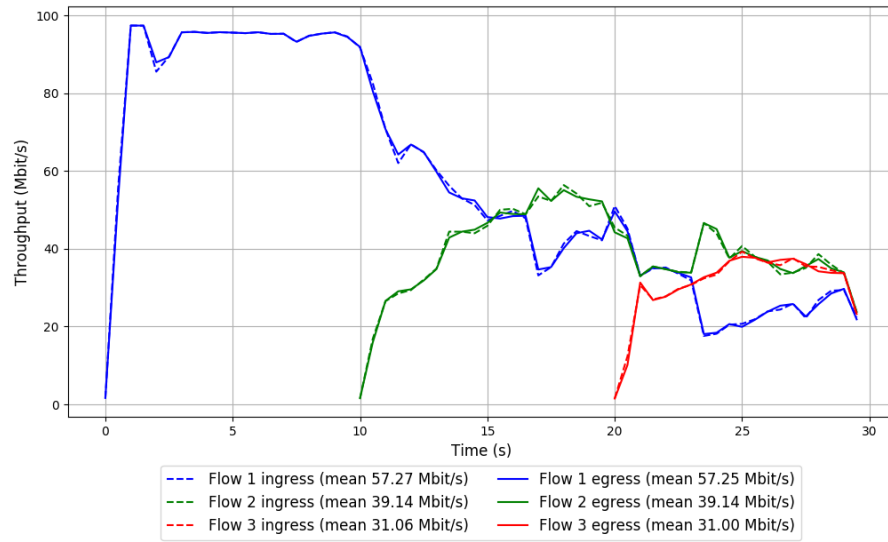


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-06 14:25:56
End at: 2018-03-06 14:26:26
Local clock offset: -3.818 ms
Remote clock offset: -6.829 ms

Below is generated by plot.py at 2018-03-06 19:00:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 33.333 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 57.25 Mbit/s
95th percentile per-packet one-way delay: 32.261 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 33.627 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 34.359 ms
Loss rate: 0.35%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-03-06 14:46:20

End at: 2018-03-06 14:46:50

Local clock offset: -3.287 ms

Remote clock offset: -6.29 ms

Below is generated by plot.py at 2018-03-06 19:00:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.83 Mbit/s

95th percentile per-packet one-way delay: 31.388 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 60.61 Mbit/s

95th percentile per-packet one-way delay: 30.764 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 39.77 Mbit/s

95th percentile per-packet one-way delay: 31.707 ms

Loss rate: 0.09%

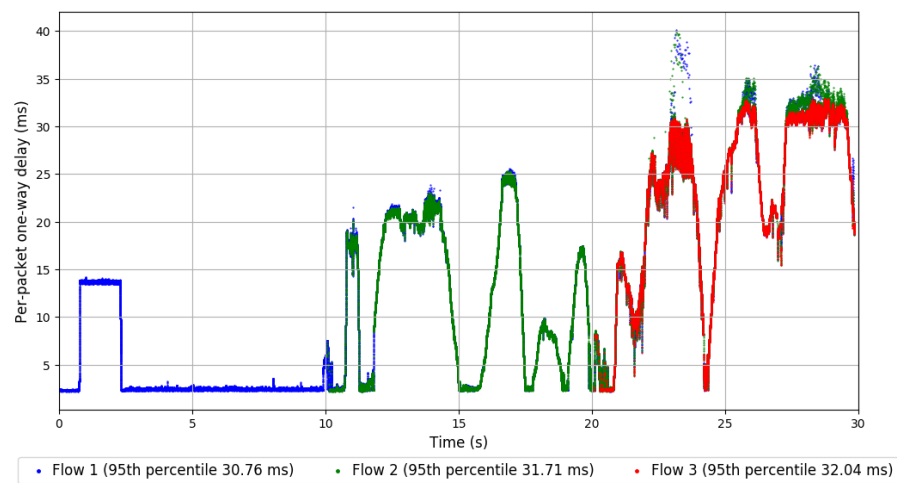
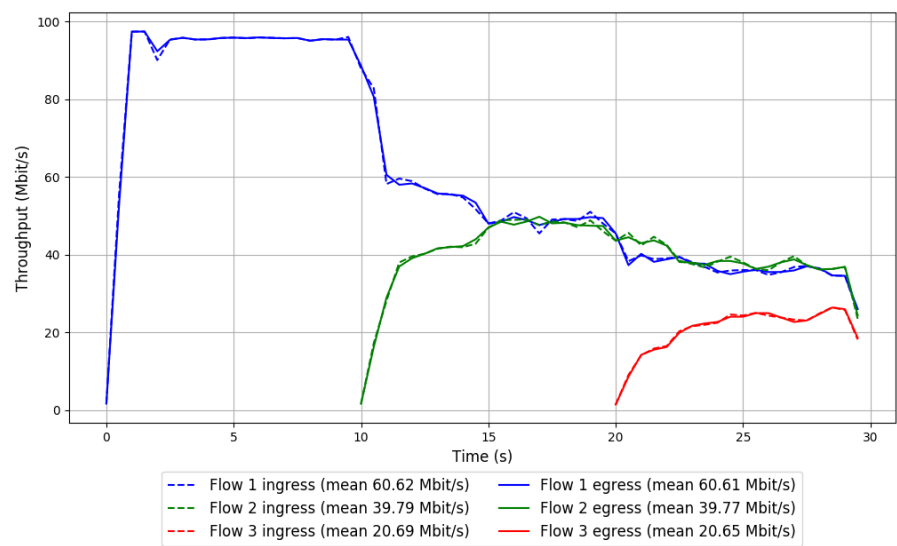
-- Flow 3:

Average throughput: 20.65 Mbit/s

95th percentile per-packet one-way delay: 32.040 ms

Loss rate: 0.26%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-06 15:06:45
End at: 2018-03-06 15:07:15
Local clock offset: -3.731 ms
Remote clock offset: -6.213 ms

Below is generated by plot.py at 2018-03-06 19:00:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 31.273 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 61.57 Mbit/s
95th percentile per-packet one-way delay: 28.877 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 31.786 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.73 Mbit/s
95th percentile per-packet one-way delay: 33.131 ms
Loss rate: 0.19%

Run 10: Report of Vivace-LTE — Data Link

