

Pantheon Report

Generated at 2018-03-21 07:26:01 (UTC).

Data path: India Ethernet (*remote*) → AWS India 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).

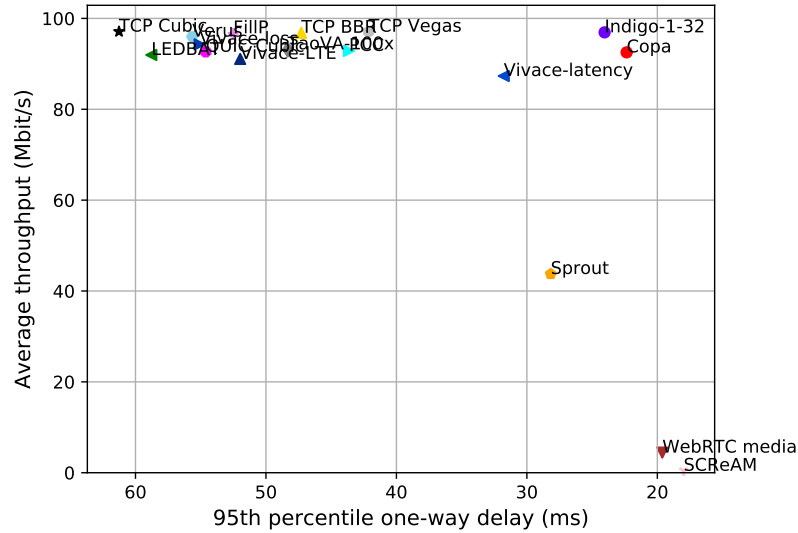
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

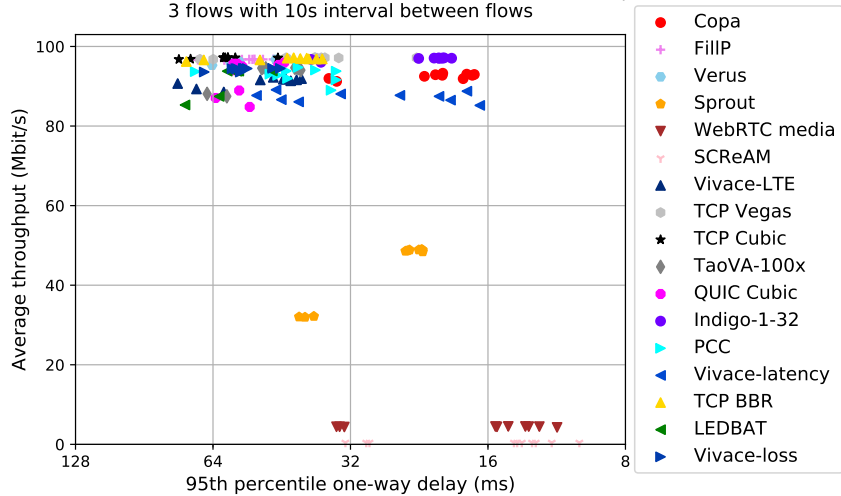
Git summary:

```
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 @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
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 India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from India Ethernet to AWS India 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	56.78	40.29	40.01	46.25	46.12	47.22	0.09	0.21	0.55
TCP Cubic	9	59.84	39.60	32.95	53.58	56.38	54.21	0.11	0.25	0.66
LEDBAT	8	58.10	36.71	30.08	50.23	56.43	50.74	0.17	0.35	0.81
PCC	10	60.20	39.21	20.01	43.20	41.22	32.07	0.07	0.19	0.30
QUIC Cubic	10	54.55	41.87	31.26	52.47	48.04	49.68	0.11	0.23	0.63
SCReAM	10	0.21	0.21	0.22	17.75	17.50	16.06	0.13	0.04	0.14
WebRTC media	10	2.35	1.47	0.62	19.43	19.23	19.67	0.05	0.24	0.46
Sprout	10	22.05	21.91	21.66	27.67	27.90	29.30	0.12	0.16	0.39
TaoVA-100x	10	55.32	40.41	33.17	47.97	44.69	44.78	0.10	0.21	0.56
TCP Vegas	10	60.68	39.50	32.10	39.53	36.78	36.60	0.09	0.11	0.55
Verus	10	57.71	39.70	35.87	51.23	53.69	46.87	0.11	0.21	0.58
Copa	10	57.04	39.05	28.74	21.59	22.73	24.17	0.05	0.11	0.28
FillP	10	61.05	39.88	30.88	44.15	51.83	50.72	0.11	1.07	2.62
Indigo-1-32	10	58.61	41.91	32.08	22.36	23.43	23.56	0.05	0.13	0.35
Vivace-latency	10	58.66	33.56	19.32	26.69	34.91	36.91	0.05	0.18	0.44
Vivace-loss	10	57.94	40.17	32.45	54.68	52.65	48.79	0.16	0.28	1.40
Vivace-LTE	10	57.54	39.38	22.46	48.24	50.72	49.42	0.08	0.16	0.57

Run 1: Statistics of TCP BBR

Start at: 2018-03-20 23:47:47

End at: 2018-03-20 23:48:17

Local clock offset: -7.037 ms

Remote clock offset: -7.78 ms

Below is generated by plot.py at 2018-03-21 06:59:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 37.996 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 55.17 Mbit/s

95th percentile per-packet one-way delay: 37.202 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 38.33 Mbit/s

95th percentile per-packet one-way delay: 39.808 ms

Loss rate: 0.18%

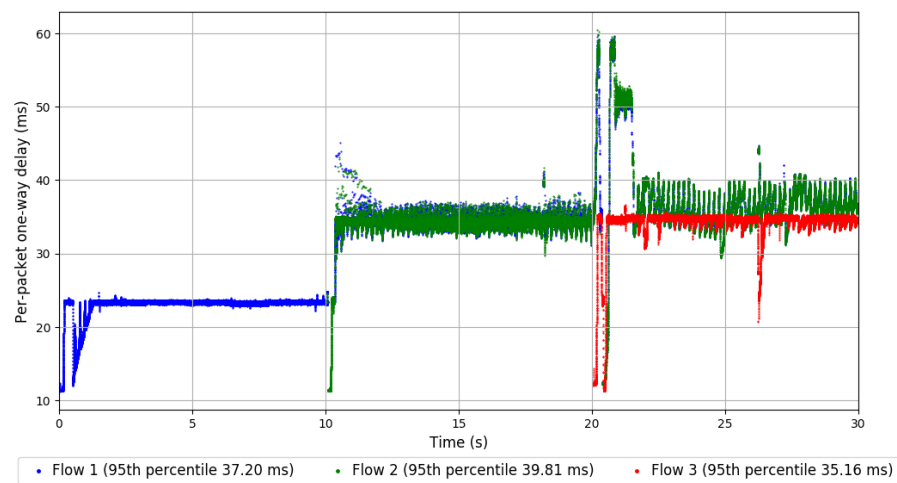
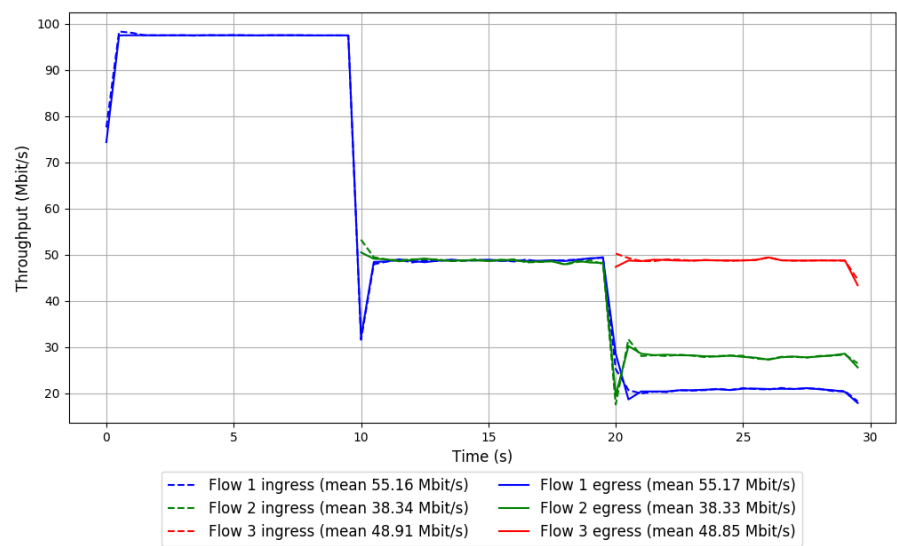
-- Flow 3:

Average throughput: 48.85 Mbit/s

95th percentile per-packet one-way delay: 35.155 ms

Loss rate: 0.47%

Run 1: Report of TCP BBR — Data Link

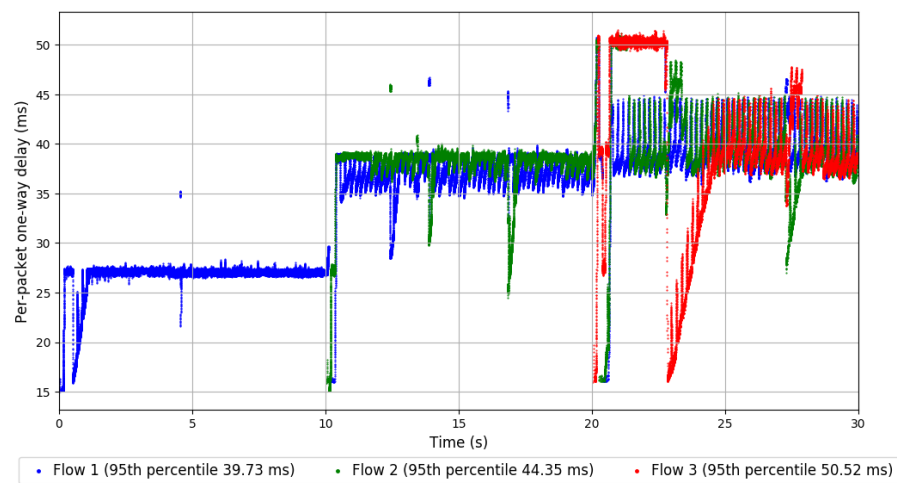
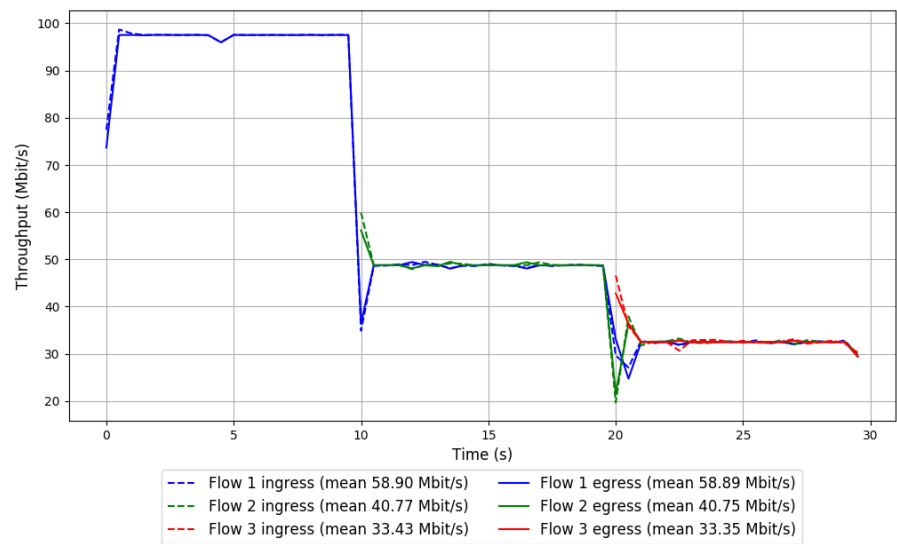


Run 2: Statistics of TCP BBR

Start at: 2018-03-21 00:09:19
End at: 2018-03-21 00:09:49
Local clock offset: -2.777 ms
Remote clock offset: -5.396 ms

Below is generated by plot.py at 2018-03-21 06:59:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 44.027 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 39.734 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.75 Mbit/s
95th percentile per-packet one-way delay: 44.352 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 50.520 ms
Loss rate: 0.49%

Run 2: Report of TCP BBR — Data Link

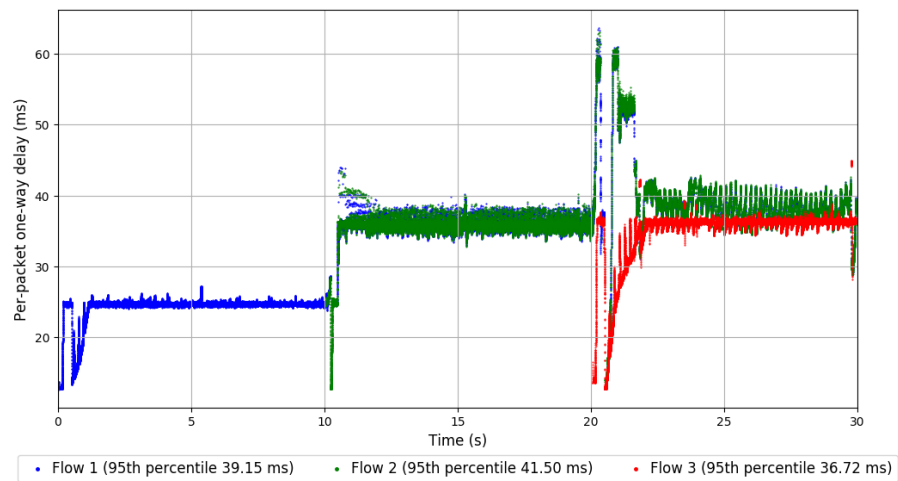
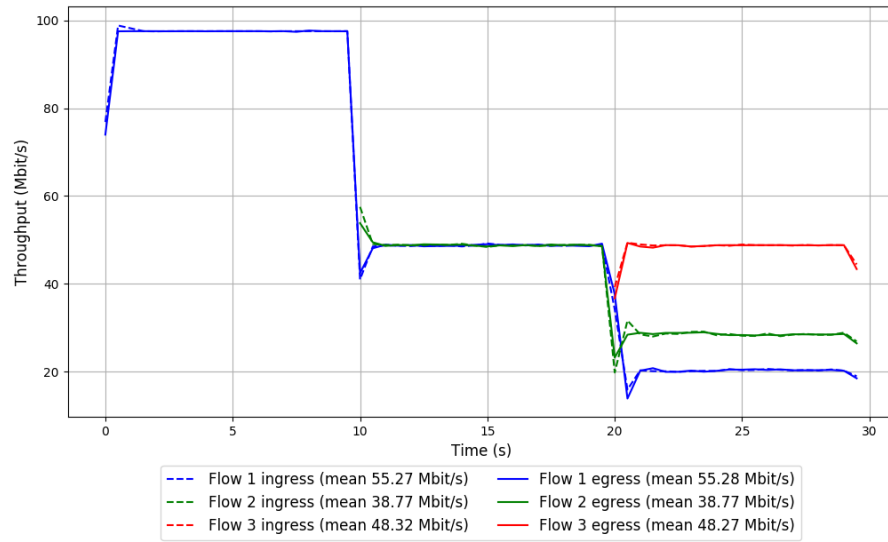


Run 3: Statistics of TCP BBR

Start at: 2018-03-21 00:31:18
End at: 2018-03-21 00:31:48
Local clock offset: -5.071 ms
Remote clock offset: -3.878 ms

Below is generated by plot.py at 2018-03-21 06:59:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 39.899 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 39.148 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 41.504 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 36.717 ms
Loss rate: 0.48%

Run 3: Report of TCP BBR — Data Link

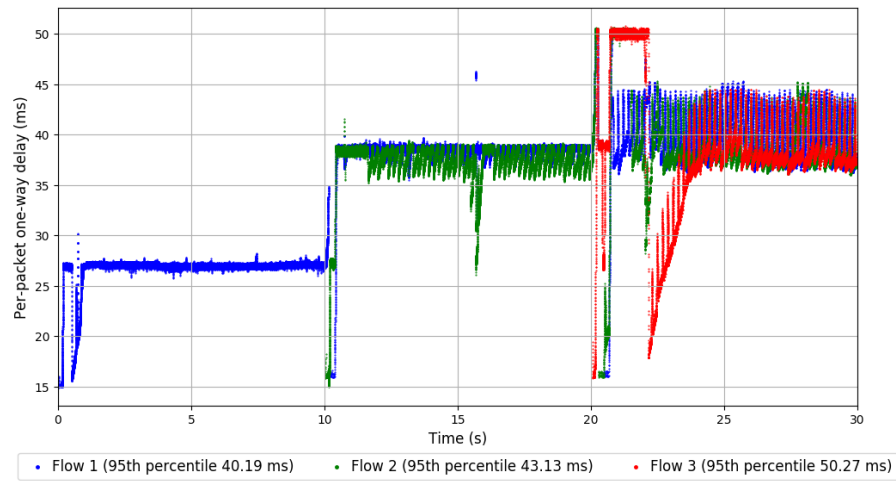
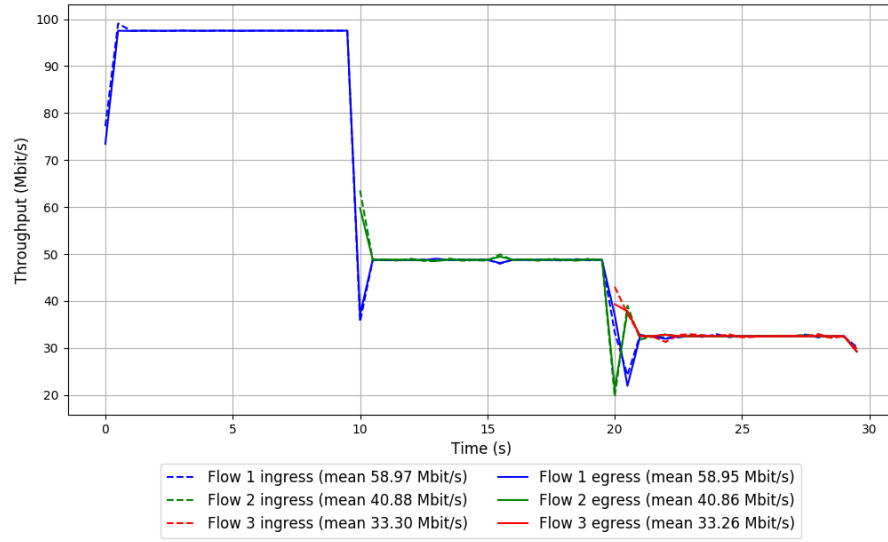


Run 4: Statistics of TCP BBR

Start at: 2018-03-21 00:52:54
End at: 2018-03-21 00:53:24
Local clock offset: -2.393 ms
Remote clock offset: -1.909 ms

Below is generated by plot.py at 2018-03-21 06:59:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 42.613 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 40.185 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.86 Mbit/s
95th percentile per-packet one-way delay: 43.127 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 50.275 ms
Loss rate: 0.46%

Run 4: Report of TCP BBR — Data Link

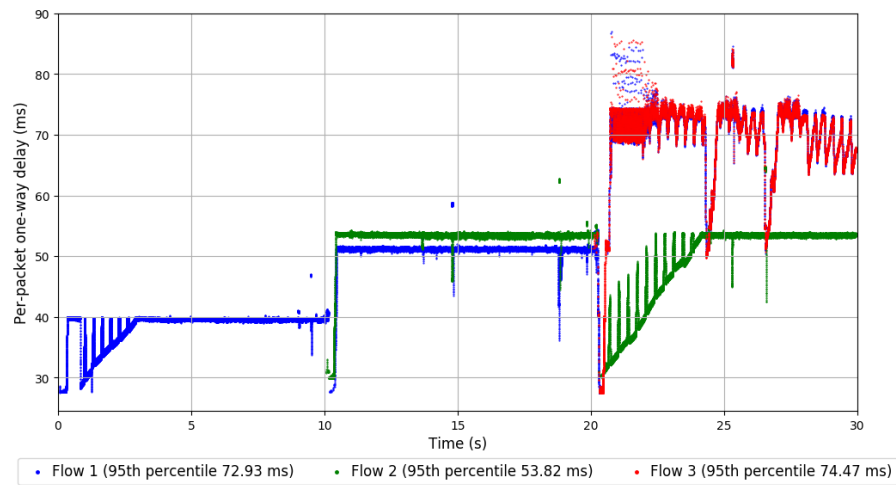
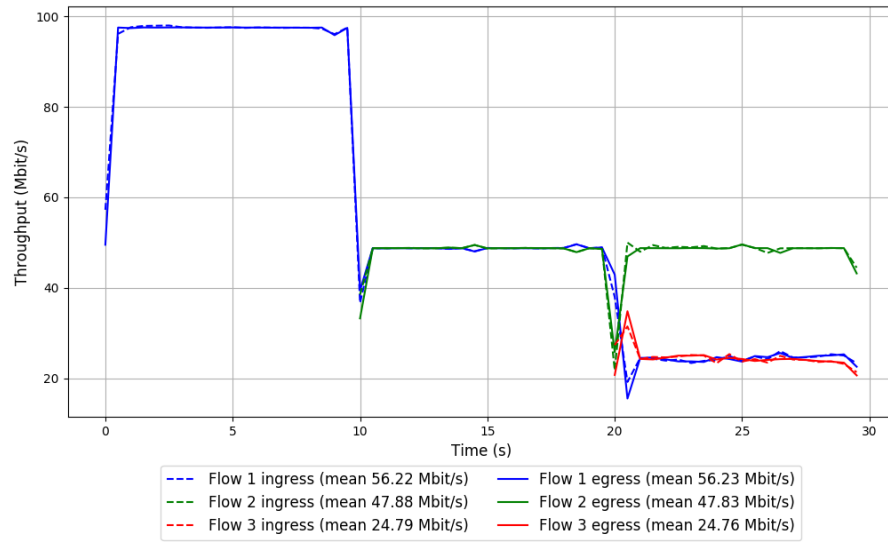


Run 5: Statistics of TCP BBR

Start at: 2018-03-21 01:14:07
End at: 2018-03-21 01:14:37
Local clock offset: -6.582 ms
Remote clock offset: -3.581 ms

Below is generated by plot.py at 2018-03-21 06:59:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 73.222 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 56.23 Mbit/s
95th percentile per-packet one-way delay: 72.929 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 47.83 Mbit/s
95th percentile per-packet one-way delay: 53.818 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 74.467 ms
Loss rate: 0.78%

Run 5: Report of TCP BBR — Data Link

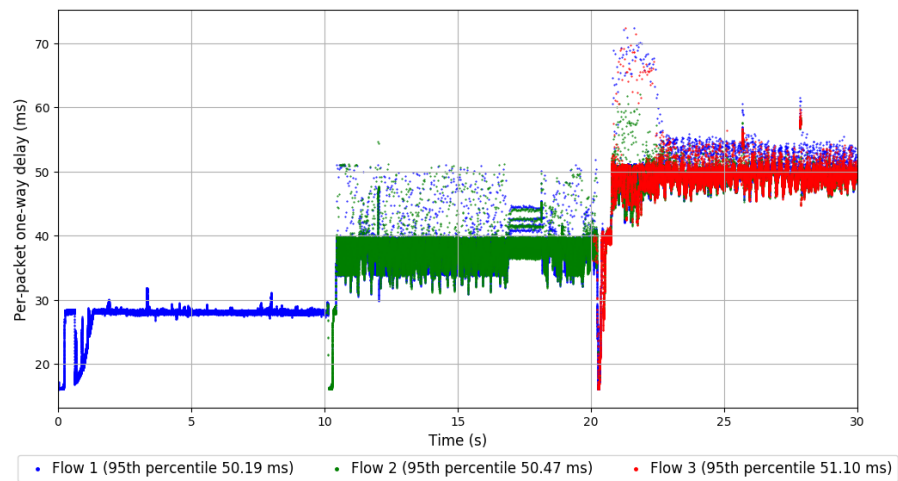
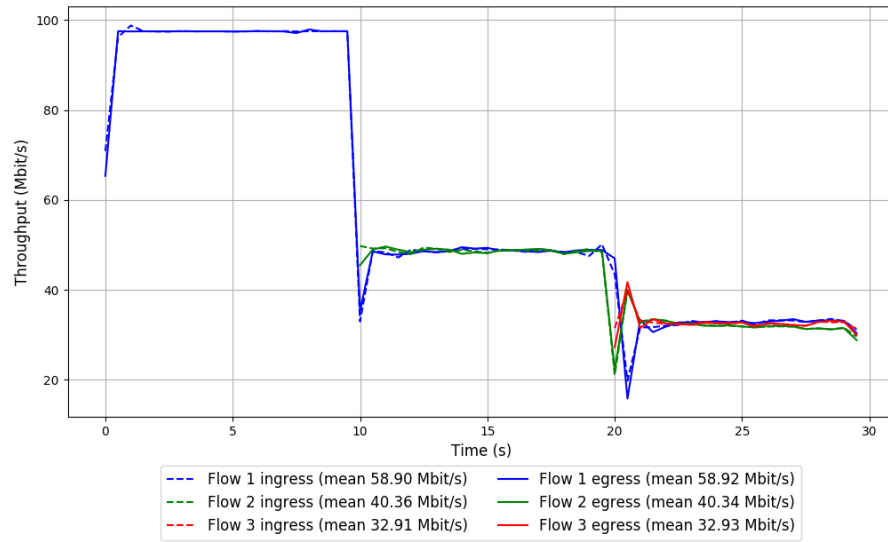


Run 6: Statistics of TCP BBR

Start at: 2018-03-21 01:35:28
End at: 2018-03-21 01:35:58
Local clock offset: -7.437 ms
Remote clock offset: -6.347 ms

Below is generated by plot.py at 2018-03-21 06:59:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 50.515 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 50.186 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.34 Mbit/s
95th percentile per-packet one-way delay: 50.471 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 32.93 Mbit/s
95th percentile per-packet one-way delay: 51.099 ms
Loss rate: 0.64%

Run 6: Report of TCP BBR — Data Link

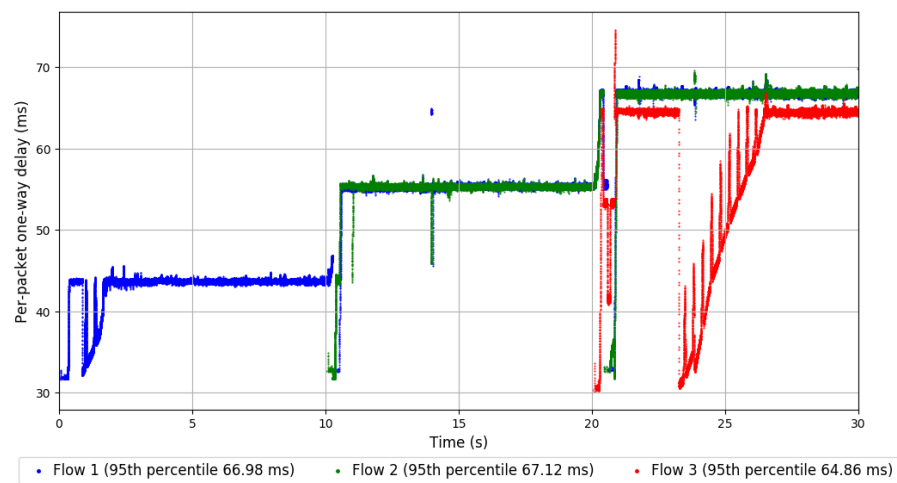
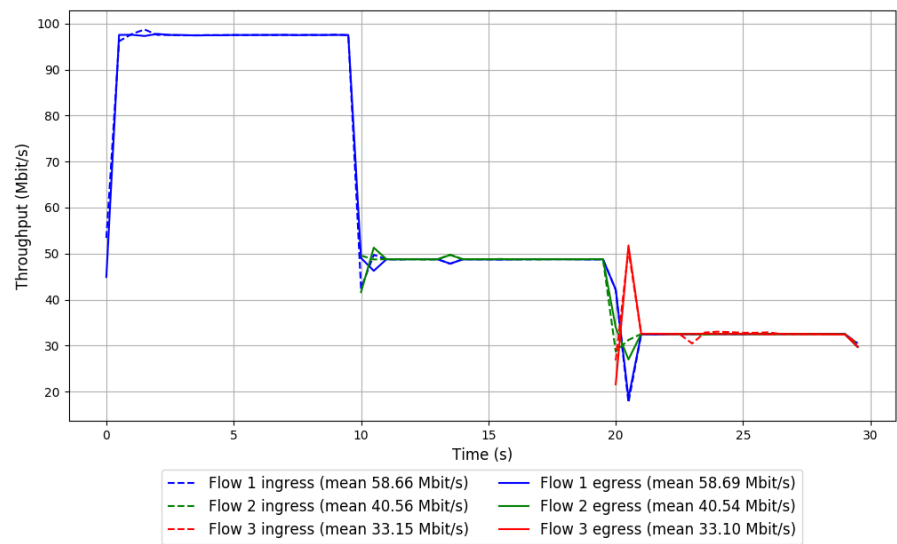


Run 7: Statistics of TCP BBR

Start at: 2018-03-21 01:57:19
End at: 2018-03-21 01:57:49
Local clock offset: -4.705 ms
Remote clock offset: -6.524 ms

Below is generated by plot.py at 2018-03-21 06:59:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 67.035 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 66.977 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 67.125 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 64.861 ms
Loss rate: 0.74%

Run 7: Report of TCP BBR — Data Link

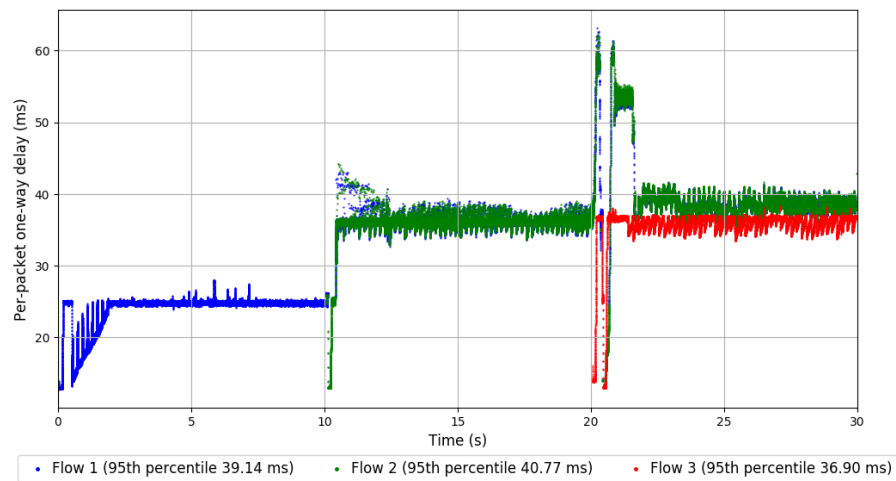
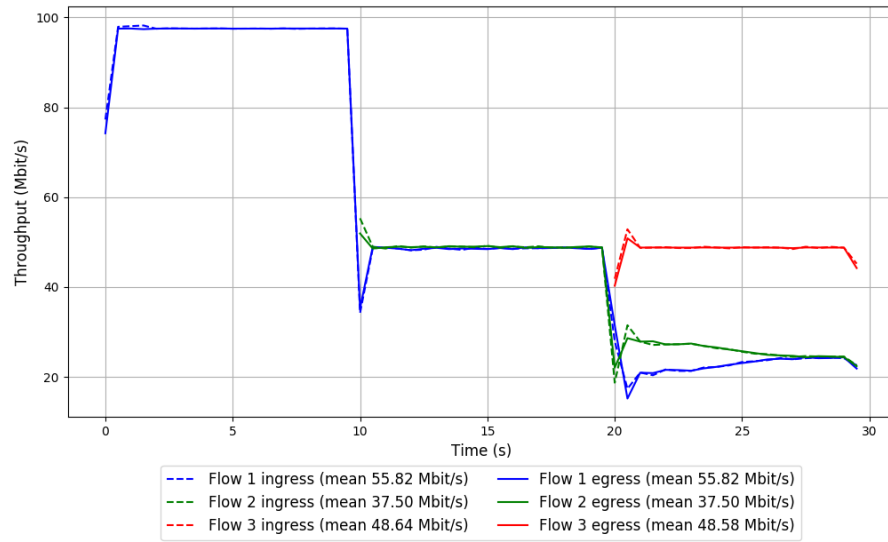


Run 8: Statistics of TCP BBR

Start at: 2018-03-21 02:18:56
End at: 2018-03-21 02:19:26
Local clock offset: -4.265 ms
Remote clock offset: -6.256 ms

Below is generated by plot.py at 2018-03-21 06:59:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 39.512 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 39.137 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 40.772 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 48.58 Mbit/s
95th percentile per-packet one-way delay: 36.902 ms
Loss rate: 0.47%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-21 02:40:38

End at: 2018-03-21 02:41:08

Local clock offset: -6.74 ms

Remote clock offset: -2.42 ms

Below is generated by plot.py at 2018-03-21 07:00:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 36.893 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 54.84 Mbit/s

95th percentile per-packet one-way delay: 36.260 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 39.01 Mbit/s

95th percentile per-packet one-way delay: 38.008 ms

Loss rate: 0.18%

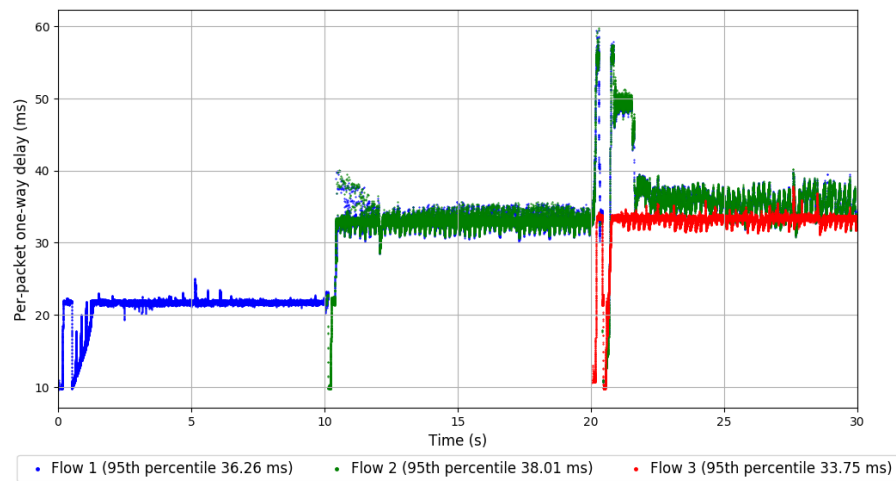
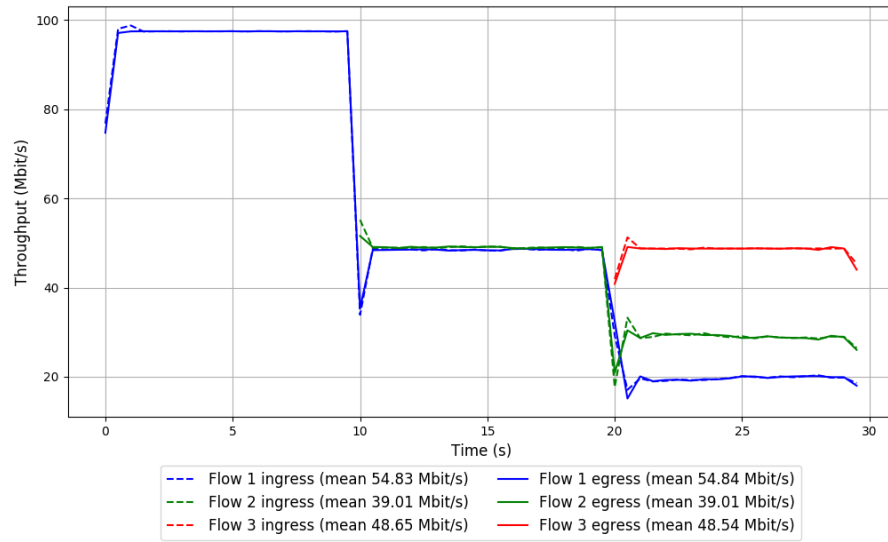
-- Flow 3:

Average throughput: 48.54 Mbit/s

95th percentile per-packet one-way delay: 33.754 ms

Loss rate: 0.47%

Run 9: Report of TCP BBR — Data Link

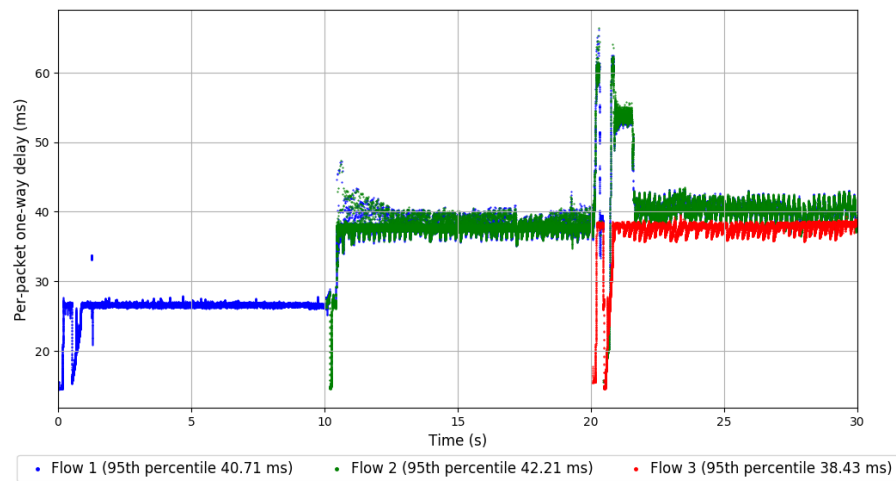
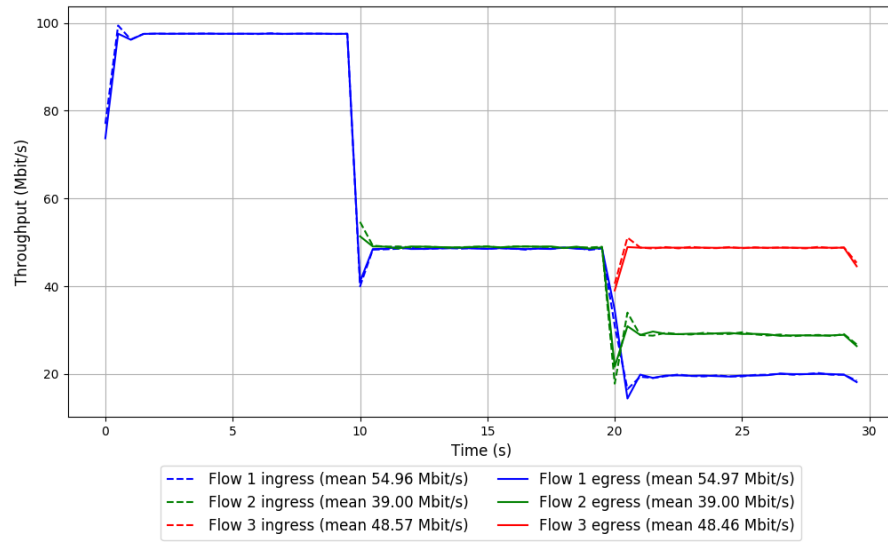


Run 10: Statistics of TCP BBR

Start at: 2018-03-21 03:02:08
End at: 2018-03-21 03:02:38
Local clock offset: -7.576 ms
Remote clock offset: -4.646 ms

Below is generated by plot.py at 2018-03-21 07:00:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 41.206 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 54.97 Mbit/s
95th percentile per-packet one-way delay: 40.711 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 42.207 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 38.429 ms
Loss rate: 0.47%

Run 10: Report of TCP BBR — Data Link

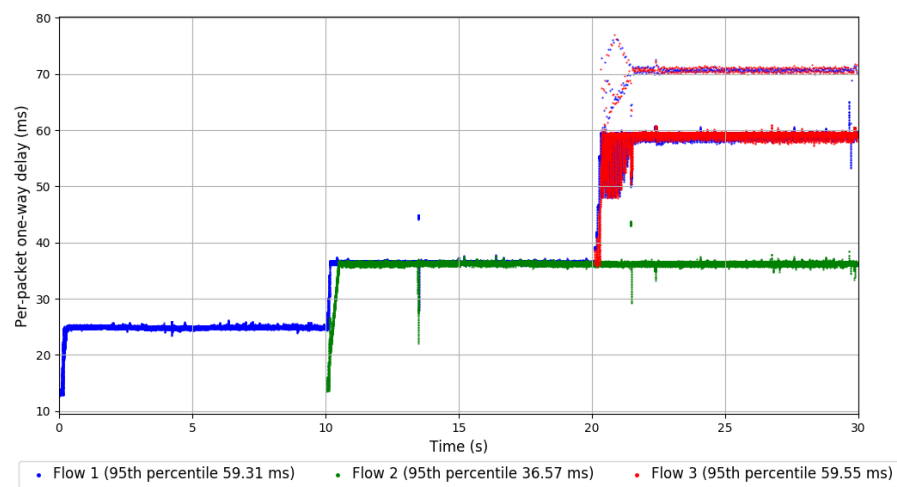
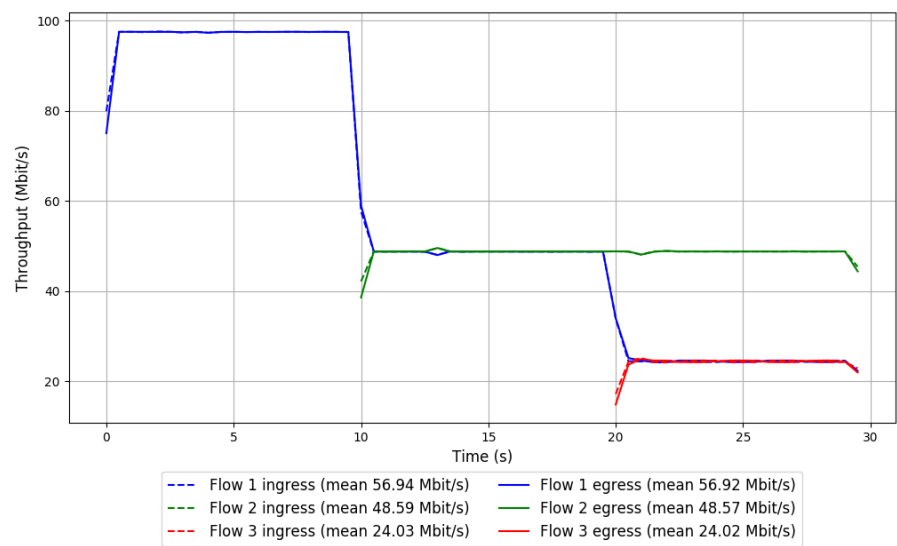


Run 1: Statistics of TCP Cubic

Start at: 2018-03-20 23:55:50
End at: 2018-03-20 23:56:20
Local clock offset: -5.44 ms
Remote clock offset: -8.739 ms

Below is generated by plot.py at 2018-03-21 07:00:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 59.344 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.92 Mbit/s
95th percentile per-packet one-way delay: 59.314 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 36.572 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 59.546 ms
Loss rate: 0.71%

Run 1: Report of TCP Cubic — Data Link

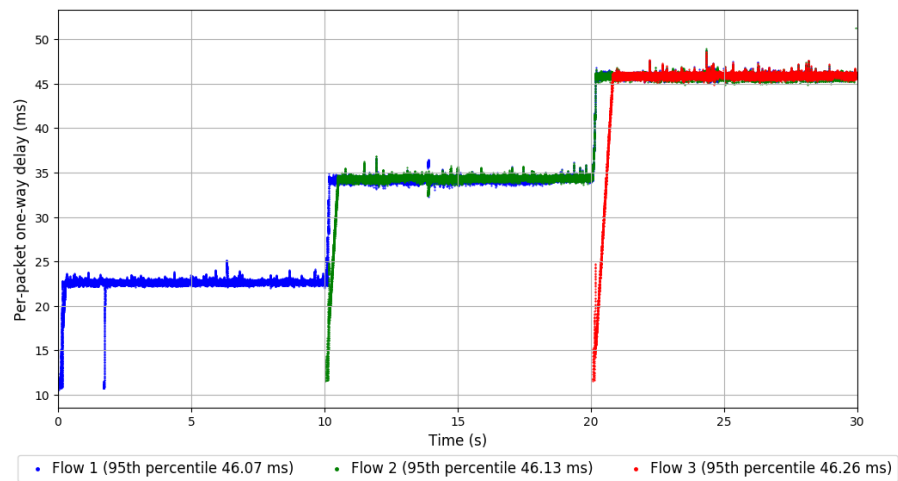
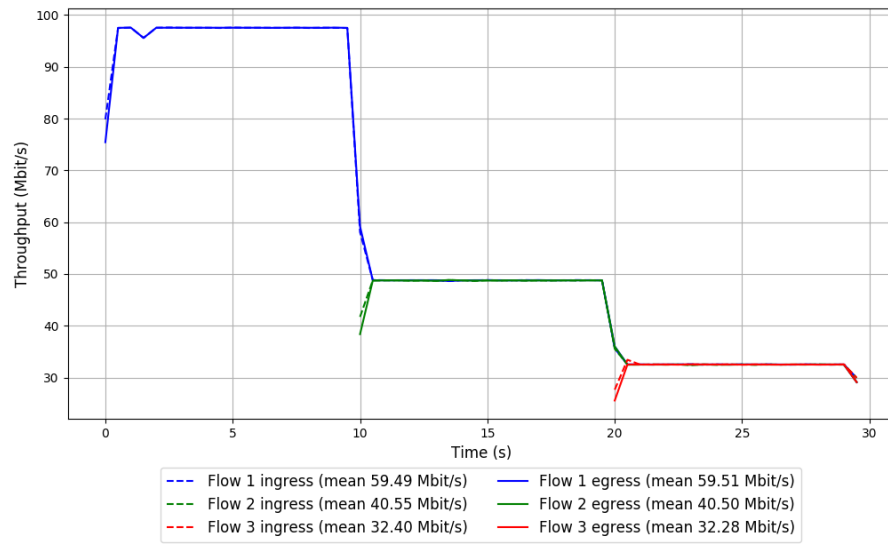


Run 2: Statistics of TCP Cubic

Start at: 2018-03-21 00:17:40
End at: 2018-03-21 00:18:10
Local clock offset: -6.379 ms
Remote clock offset: -3.554 ms

Below is generated by plot.py at 2018-03-21 07:00:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 46.137 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 46.071 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 46.126 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 46.256 ms
Loss rate: 0.59%

Run 2: Report of TCP Cubic — Data Link

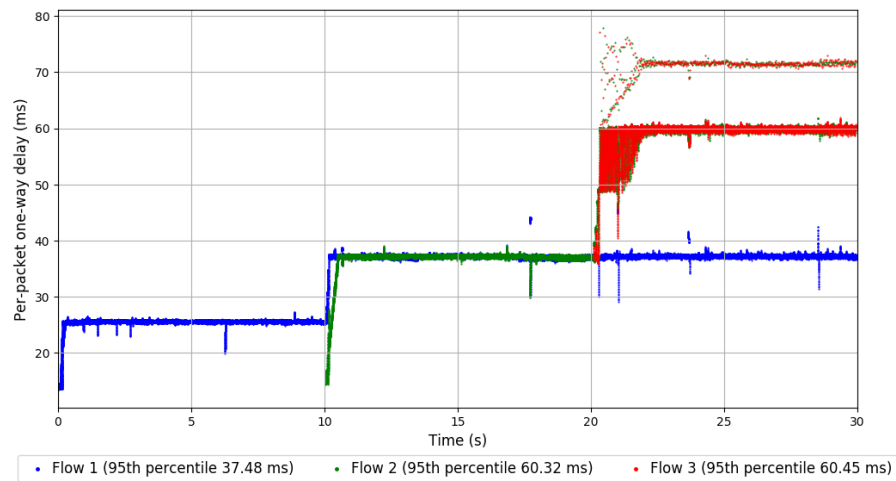
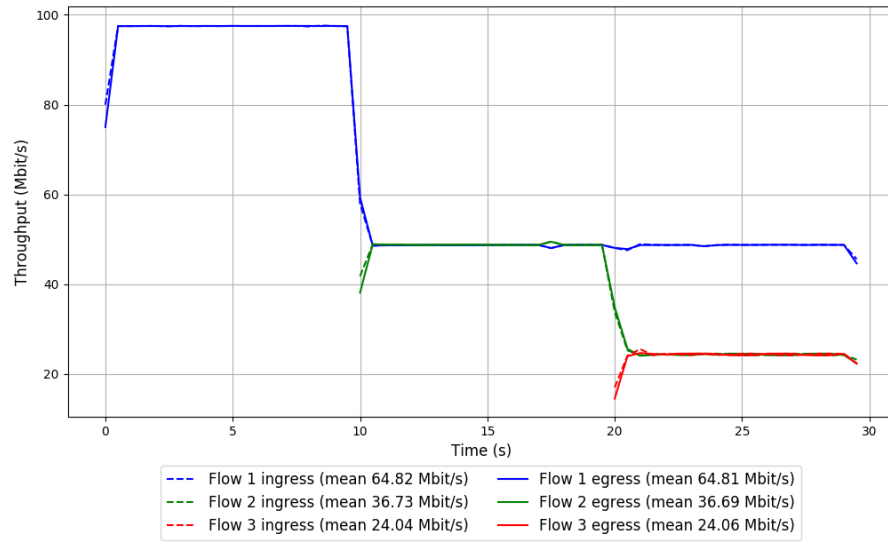


Run 3: Statistics of TCP Cubic

Start at: 2018-03-21 00:39:33
End at: 2018-03-21 00:40:03
Local clock offset: -8.752 ms
Remote clock offset: -7.573 ms

Below is generated by plot.py at 2018-03-21 07:00:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 60.195 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 37.482 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.69 Mbit/s
95th percentile per-packet one-way delay: 60.318 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 24.06 Mbit/s
95th percentile per-packet one-way delay: 60.455 ms
Loss rate: 0.71%

Run 3: Report of TCP Cubic — Data Link

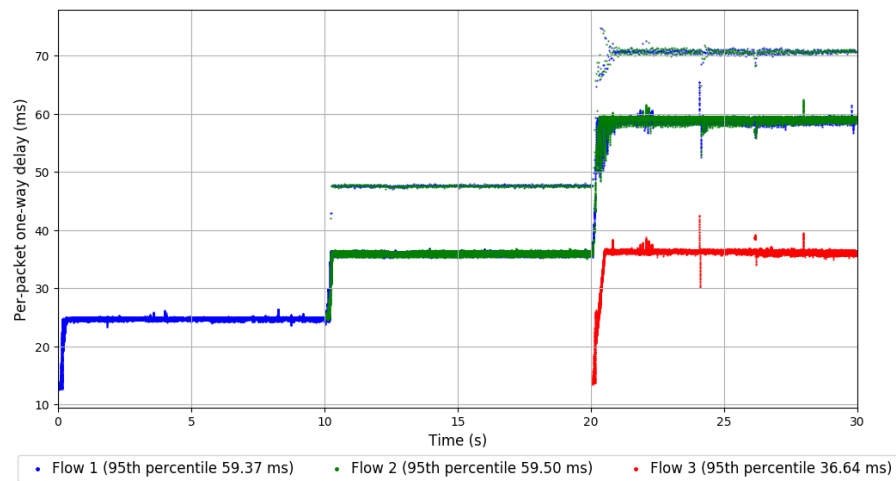
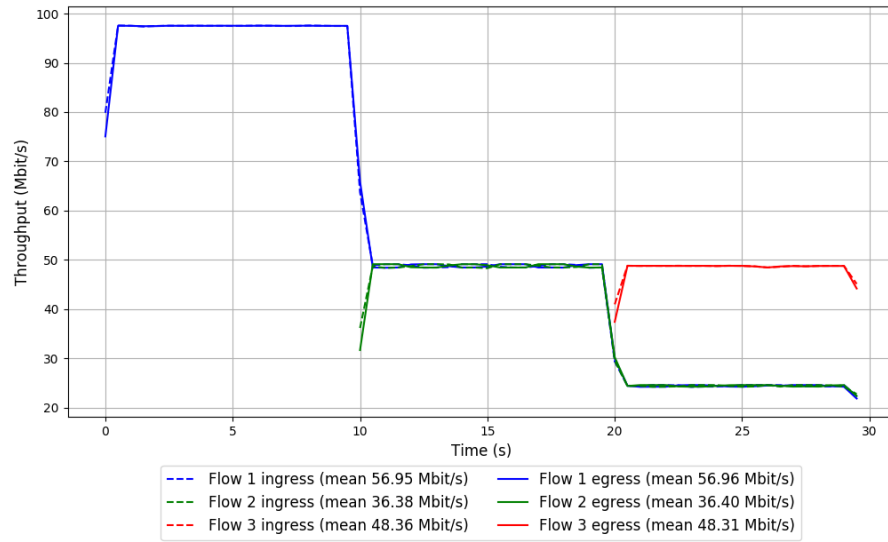


Run 4: Statistics of TCP Cubic

Start at: 2018-03-21 01:00:58
End at: 2018-03-21 01:01:28
Local clock offset: -4.355 ms
Remote clock offset: -1.364 ms

Below is generated by plot.py at 2018-03-21 07:00:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 59.393 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.96 Mbit/s
95th percentile per-packet one-way delay: 59.365 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 59.499 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 36.640 ms
Loss rate: 0.47%

Run 4: Report of TCP Cubic — Data Link

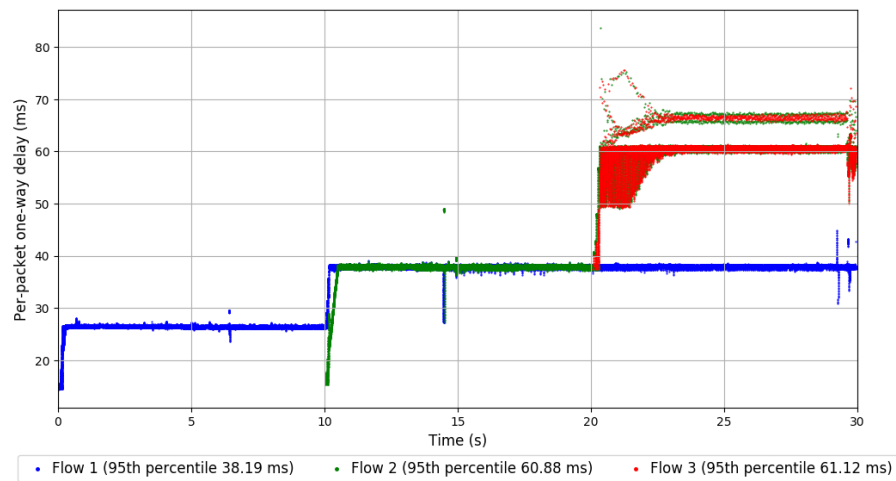
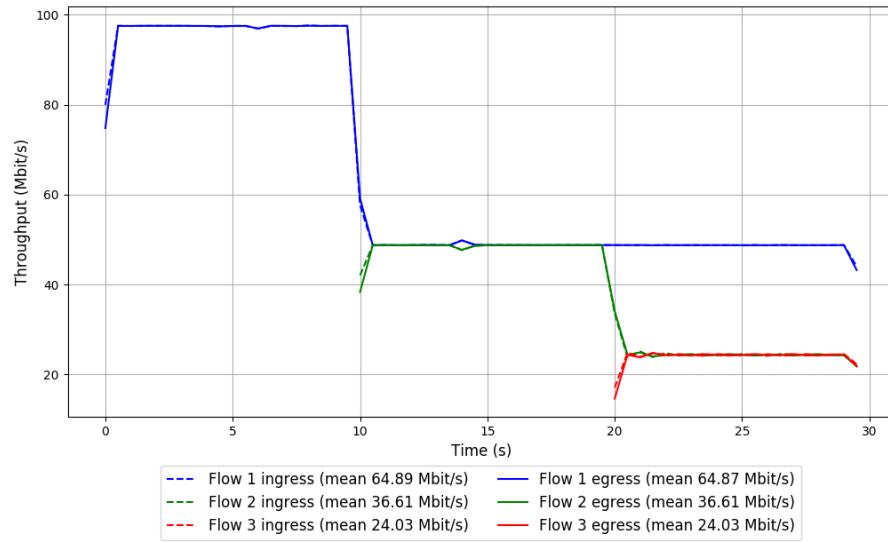


Run 5: Statistics of TCP Cubic

Start at: 2018-03-21 01:22:25
End at: 2018-03-21 01:22:55
Local clock offset: -3.407 ms
Remote clock offset: -5.793 ms

Below is generated by plot.py at 2018-03-21 07:00:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 60.735 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 64.87 Mbit/s
95th percentile per-packet one-way delay: 38.194 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.61 Mbit/s
95th percentile per-packet one-way delay: 60.877 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 61.115 ms
Loss rate: 0.72%

Run 5: Report of TCP Cubic — Data Link

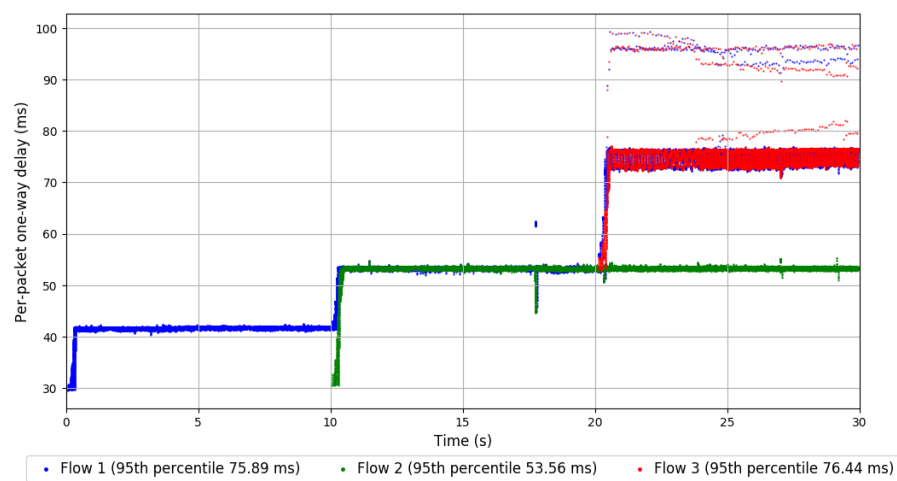
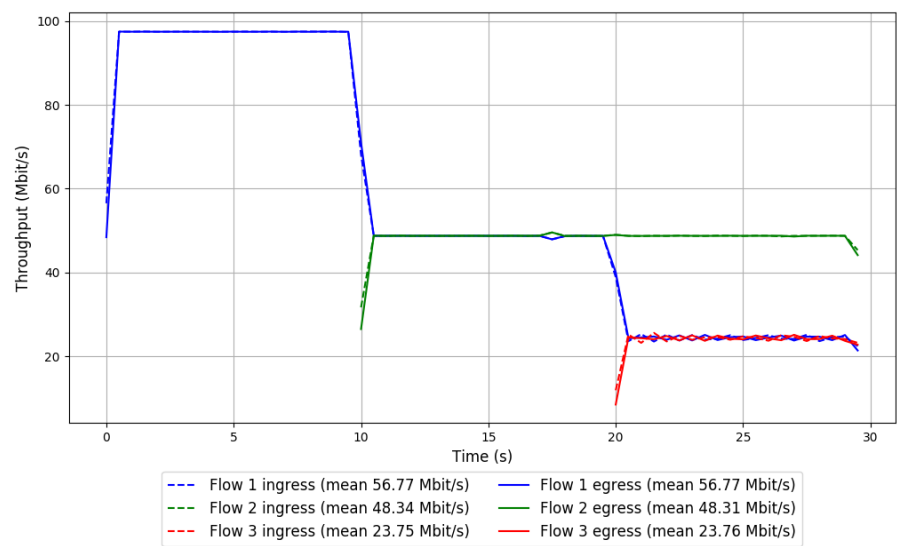


Run 6: Statistics of TCP Cubic

Start at: 2018-03-21 01:43:46
End at: 2018-03-21 01:44:16
Local clock offset: -7.793 ms
Remote clock offset: -7.739 ms

Below is generated by plot.py at 2018-03-21 07:00:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 76.006 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 75.885 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 53.561 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 76.444 ms
Loss rate: 0.89%

Run 6: Report of TCP Cubic — Data Link

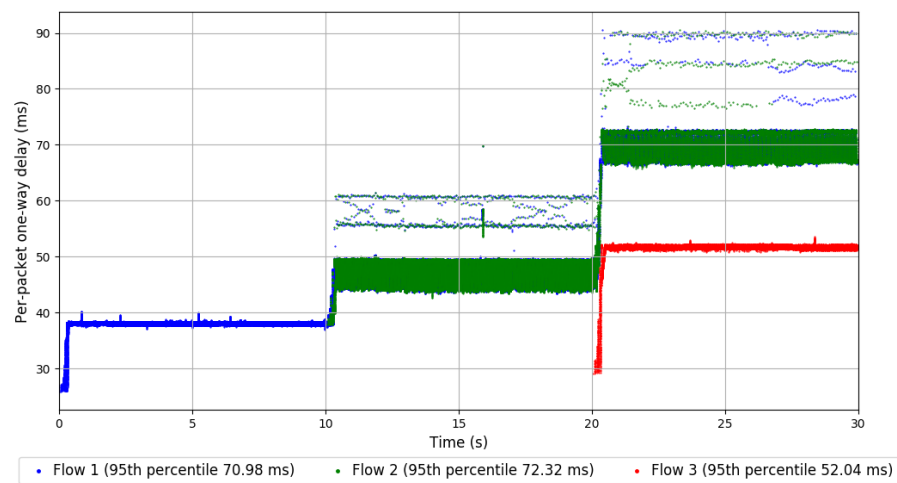
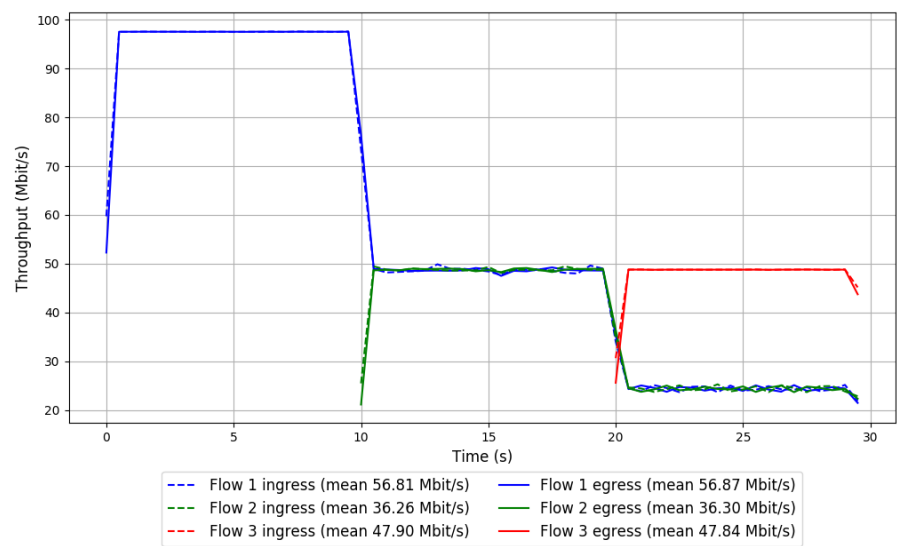


Run 7: Statistics of TCP Cubic

Start at: 2018-03-21 02:05:35
End at: 2018-03-21 02:06:05
Local clock offset: -8.15 ms
Remote clock offset: -6.736 ms

Below is generated by plot.py at 2018-03-21 07:02:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 71.667 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 70.976 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 72.321 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 52.041 ms
Loss rate: 0.68%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-03-21 02:27:02

End at: 2018-03-21 02:27:32

Local clock offset: -4.426 ms

Remote clock offset: -3.452 ms

Run 8: Report of TCP Cubic — Data Link

Figure is missing

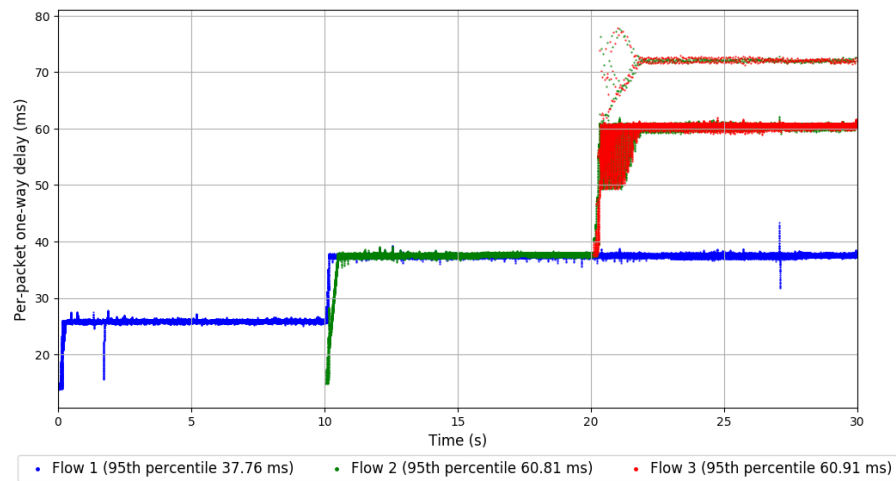
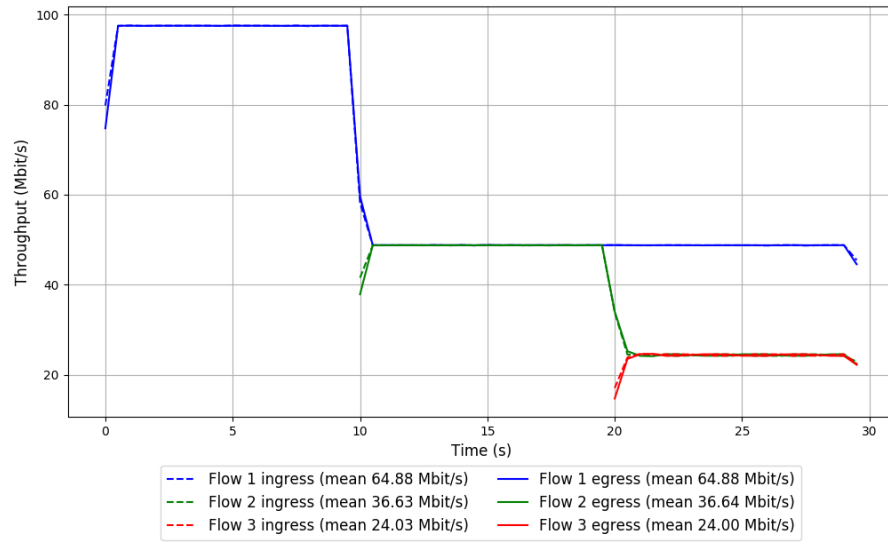
Figure is missing

Run 9: Statistics of TCP Cubic

Start at: 2018-03-21 02:48:52
End at: 2018-03-21 02:49:22
Local clock offset: -4.012 ms
Remote clock offset: -1.904 ms

Below is generated by plot.py at 2018-03-21 07:02:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 60.713 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.88 Mbit/s
95th percentile per-packet one-way delay: 37.760 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 60.807 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 60.908 ms
Loss rate: 0.71%

Run 9: Report of TCP Cubic — Data Link

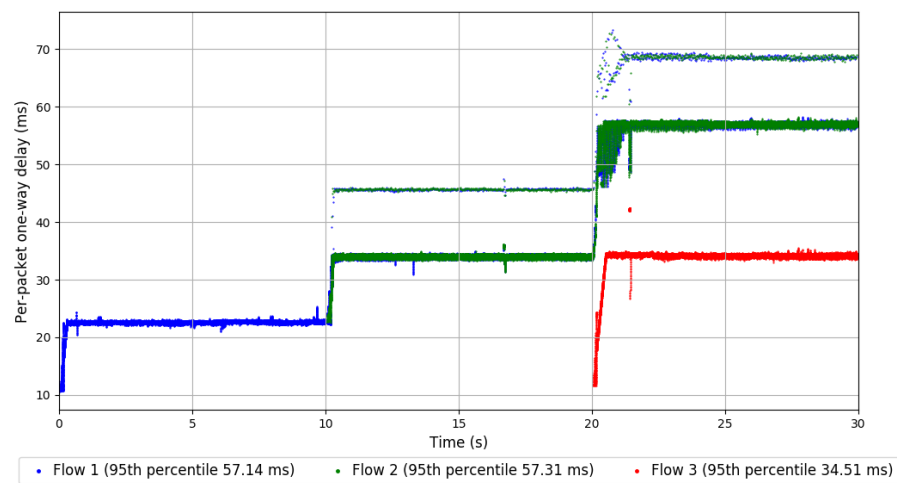
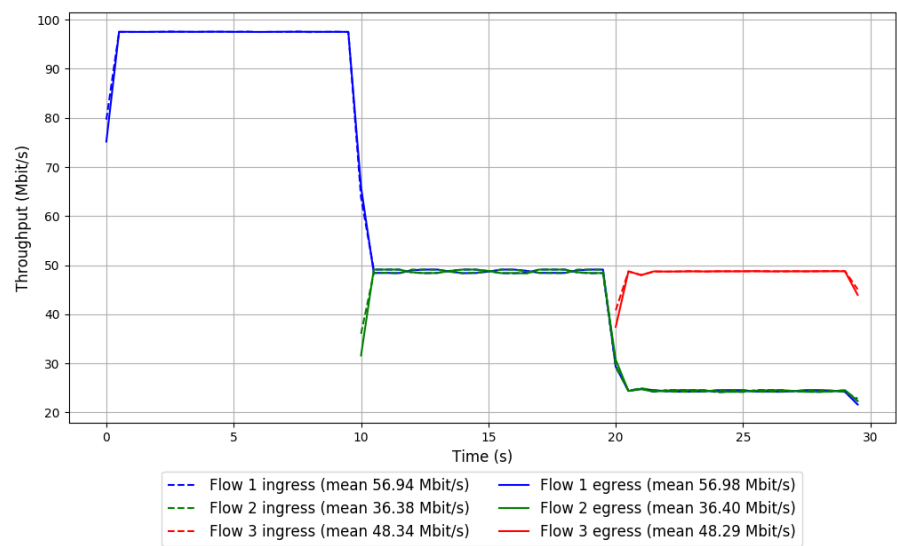


Run 10: Statistics of TCP Cubic

Start at: 2018-03-21 03:10:14
End at: 2018-03-21 03:10:44
Local clock offset: -12.135 ms
Remote clock offset: -4.832 ms

Below is generated by plot.py at 2018-03-21 07:02:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 57.186 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.98 Mbit/s
95th percentile per-packet one-way delay: 57.142 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 57.314 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 48.29 Mbit/s
95th percentile per-packet one-way delay: 34.509 ms
Loss rate: 0.47%

Run 10: Report of TCP Cubic — Data Link

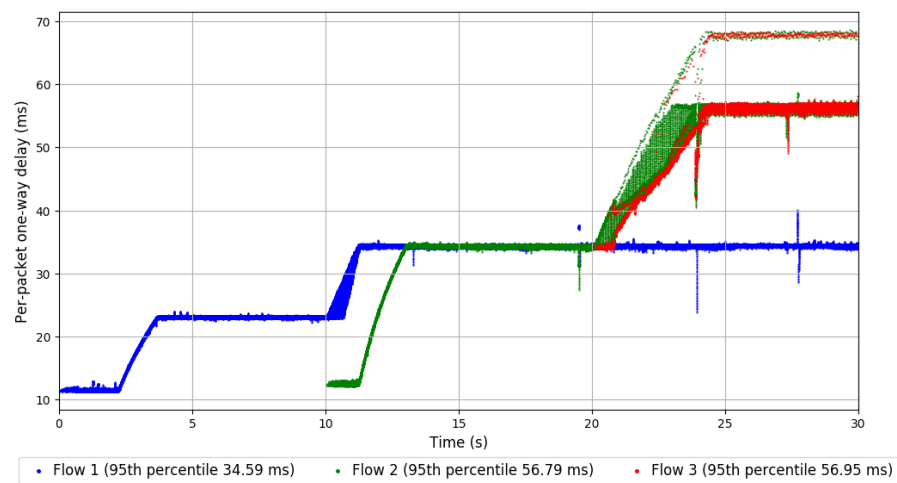
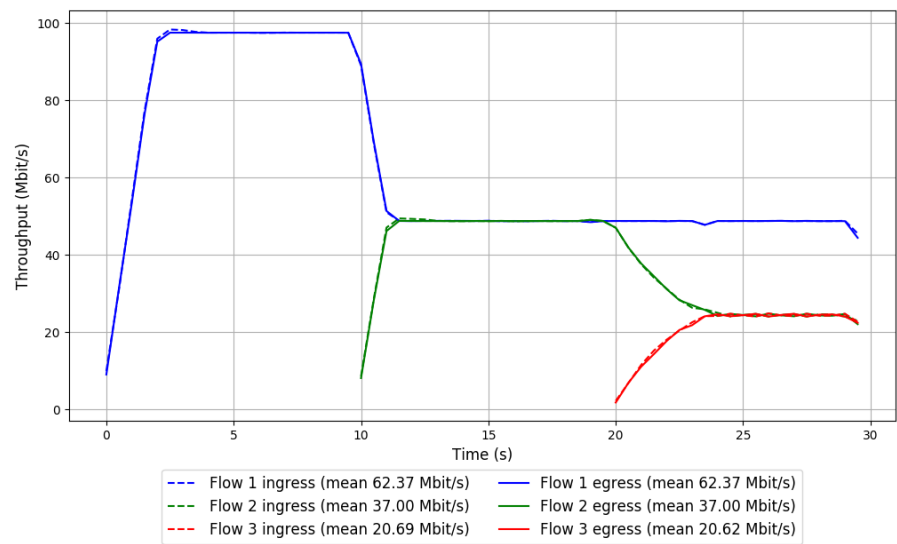


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-20 23:45:18
End at: 2018-03-20 23:45:48
Local clock offset: -6.873 ms
Remote clock offset: -7.293 ms

# Below is generated by plot.py at 2018-03-21 07:02:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 56.660 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.37 Mbit/s
95th percentile per-packet one-way delay: 34.587 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 56.787 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 56.952 ms
Loss rate: 0.83%
```


Run 1: Report of LEDBAT — Data Link

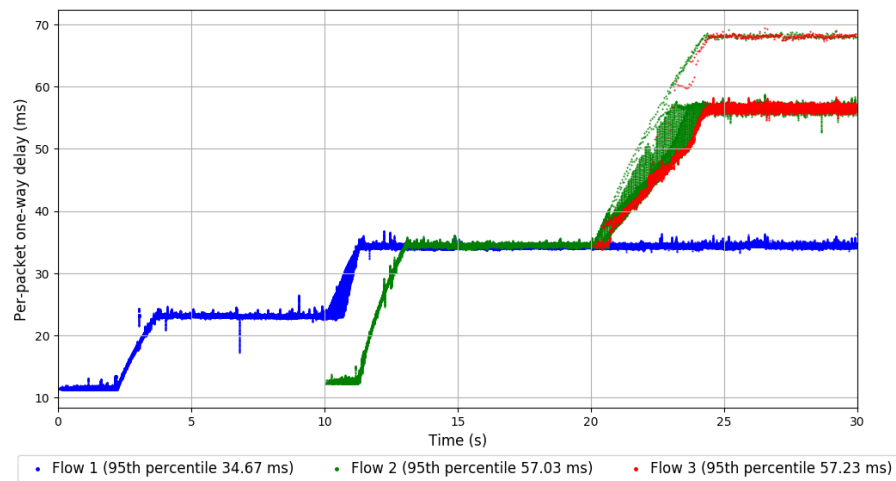
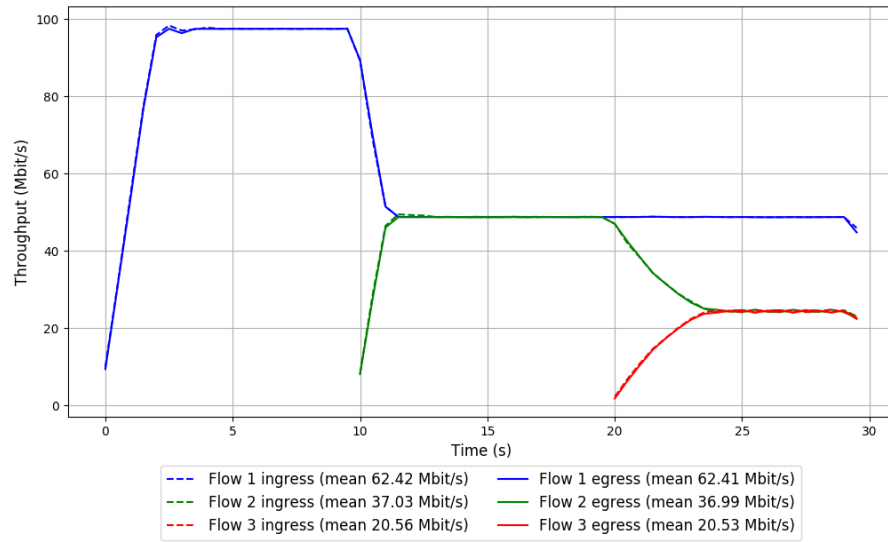


Run 2: Statistics of LEDBAT

Start at: 2018-03-21 00:06:40
End at: 2018-03-21 00:07:10
Local clock offset: -5.82 ms
Remote clock offset: -5.314 ms

Below is generated by plot.py at 2018-03-21 07:02:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 56.875 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 34.672 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 57.032 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 57.230 ms
Loss rate: 0.81%

Run 2: Report of LEDBAT — Data Link

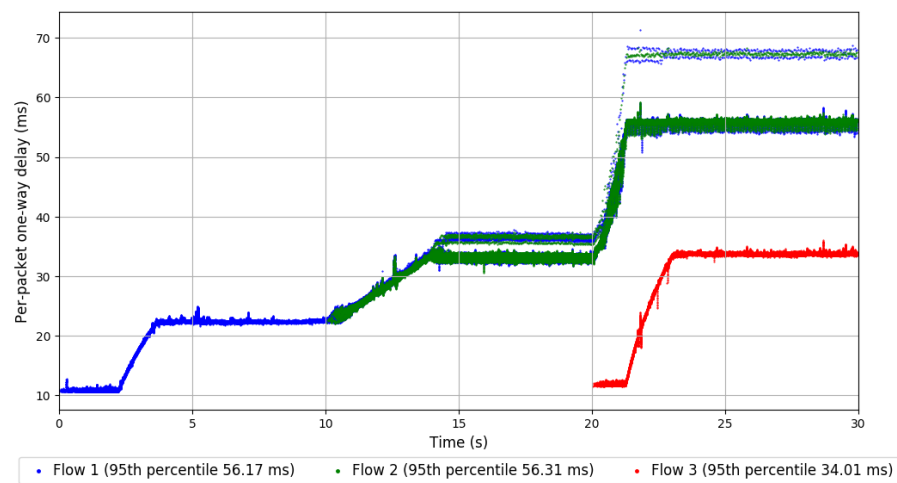
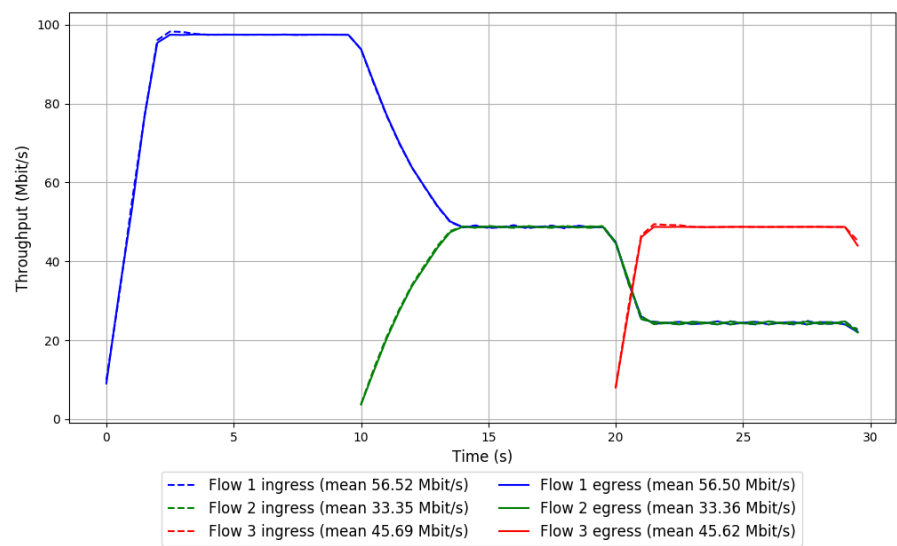


Run 3: Statistics of LEDBAT

Start at: 2018-03-21 00:28:45
End at: 2018-03-21 00:29:15
Local clock offset: -5.983 ms
Remote clock offset: -2.595 ms

Below is generated by plot.py at 2018-03-21 07:02:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 56.198 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.50 Mbit/s
95th percentile per-packet one-way delay: 56.166 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 56.309 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 45.62 Mbit/s
95th percentile per-packet one-way delay: 34.010 ms
Loss rate: 0.50%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-03-21 00:50:32

End at: 2018-03-21 00:51:02

Local clock offset: -2.202 ms

Remote clock offset: -1.285 ms

Run 4: Report of LEDBAT — Data Link

Figure is missing

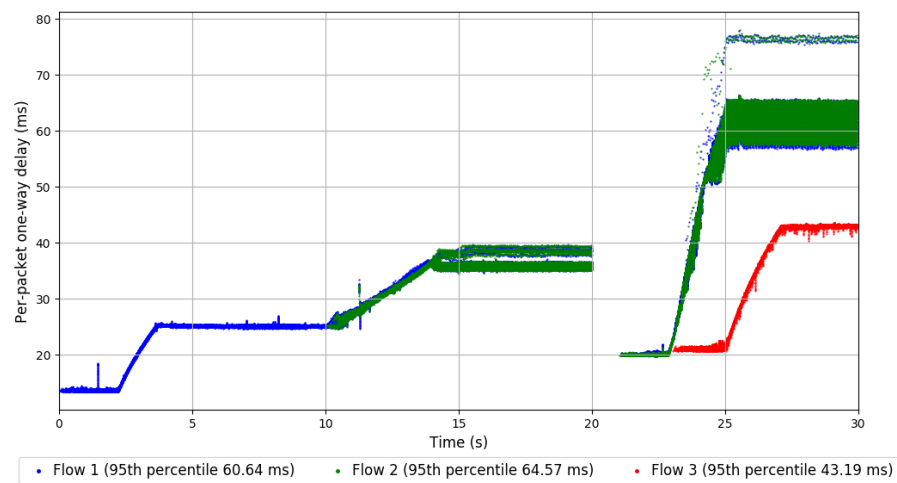
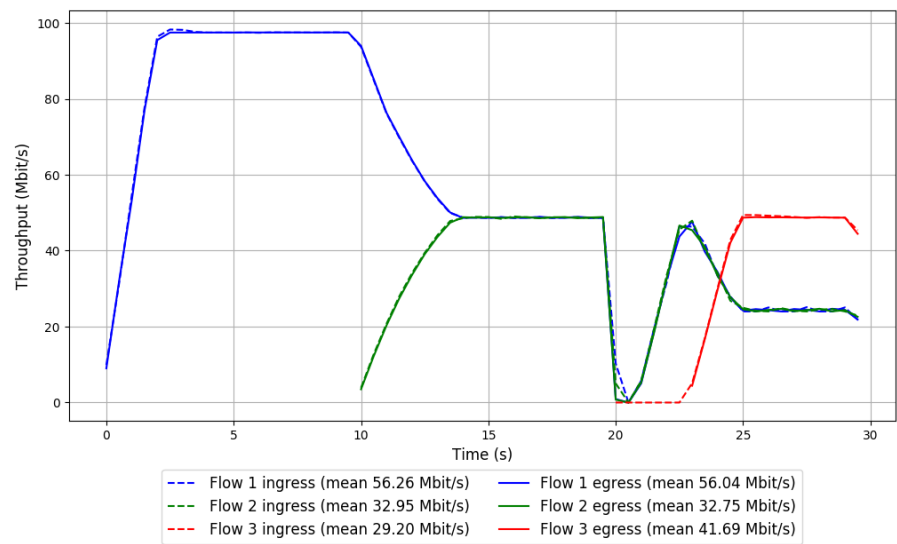
Figure is missing

Run 5: Statistics of LEDBAT

Start at: 2018-03-21 01:11:34
End at: 2018-03-21 01:12:04
Local clock offset: -4.737 ms
Remote clock offset: -3.843 ms

Below is generated by plot.py at 2018-03-21 07:02:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 62.034 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 56.04 Mbit/s
95th percentile per-packet one-way delay: 60.642 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 64.569 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 43.189 ms
Loss rate: 0.89%

Run 5: Report of LEDBAT — Data Link

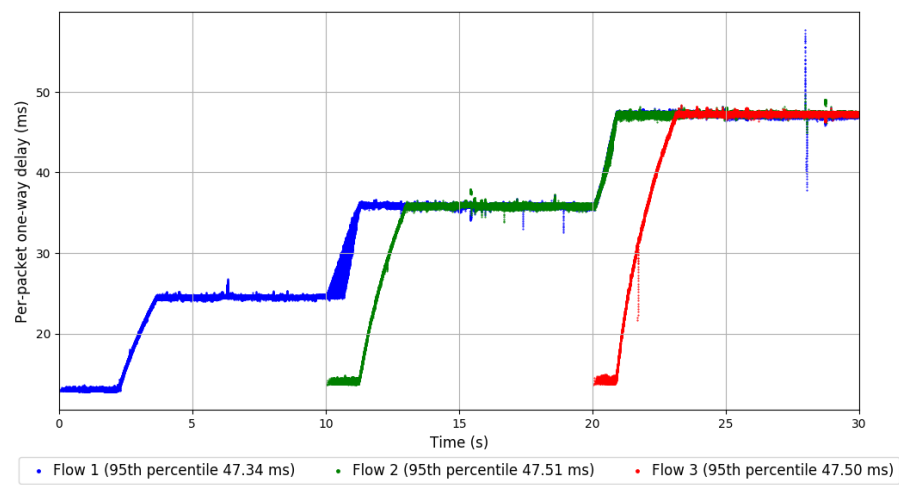
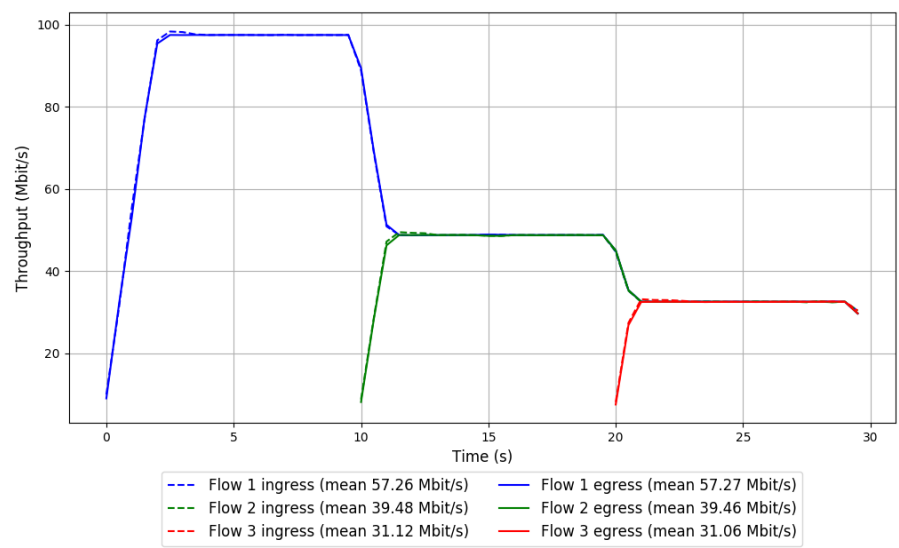


Run 6: Statistics of LEDBAT

Start at: 2018-03-21 01:33:02
End at: 2018-03-21 01:33:32
Local clock offset: -4.61 ms
Remote clock offset: -6.534 ms

Below is generated by plot.py at 2018-03-21 07:02:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 47.461 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 47.340 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 47.511 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.06 Mbit/s
95th percentile per-packet one-way delay: 47.500 ms
Loss rate: 0.61%

Run 6: Report of LEDBAT — Data Link

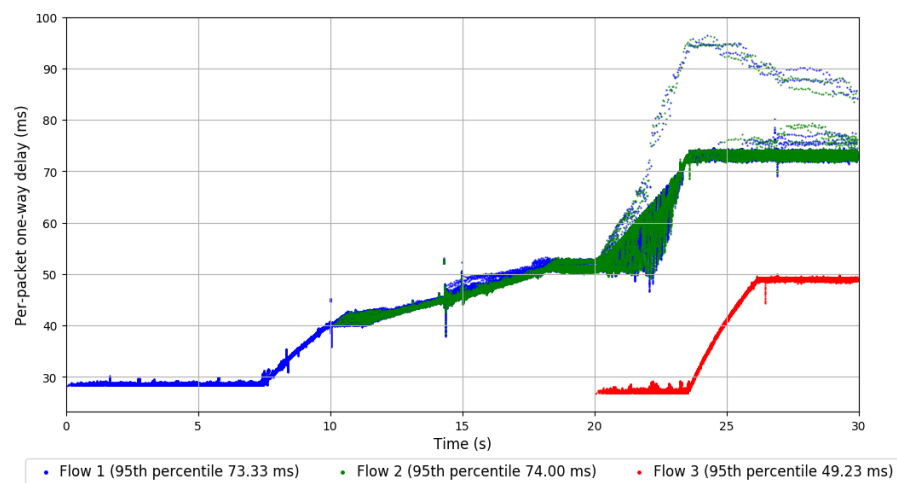
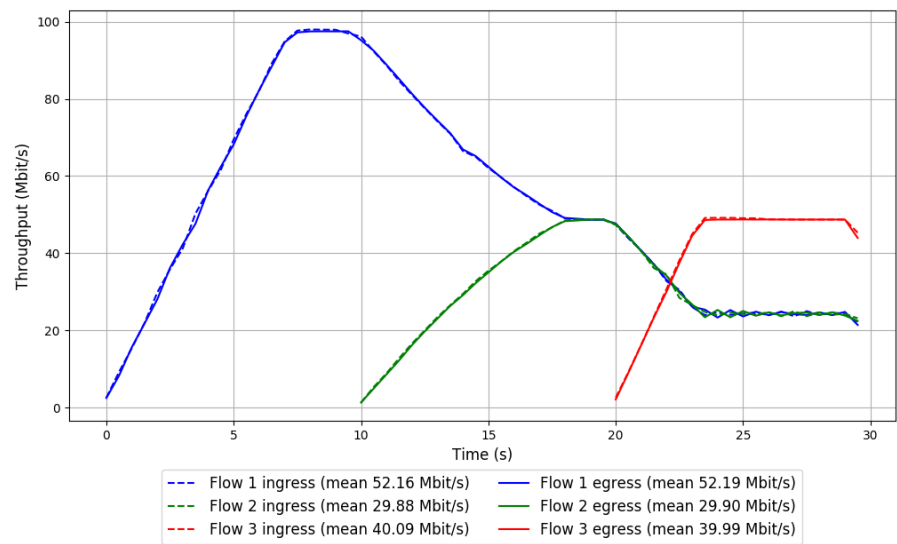


Run 7: Statistics of LEDBAT

Start at: 2018-03-21 01:54:44
End at: 2018-03-21 01:55:14
Local clock offset: -7.736 ms
Remote clock offset: -6.129 ms

Below is generated by plot.py at 2018-03-21 07:03:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.30 Mbit/s
95th percentile per-packet one-way delay: 73.699 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 73.332 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 73.996 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 39.99 Mbit/s
95th percentile per-packet one-way delay: 49.230 ms
Loss rate: 0.77%

Run 7: Report of LEDBAT — Data Link

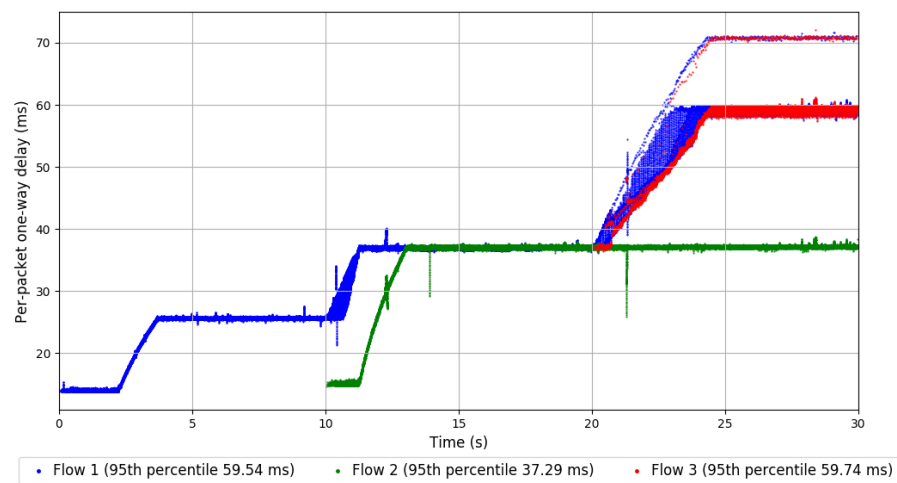
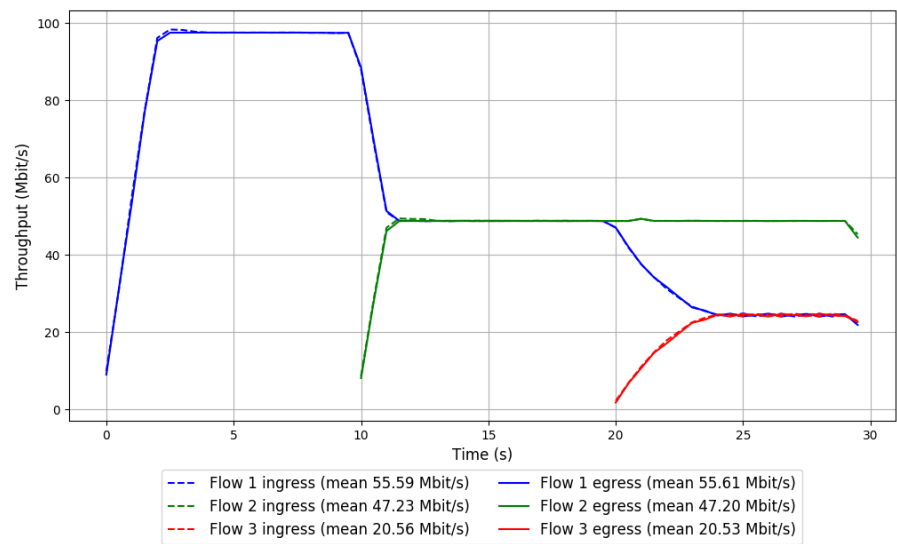


Run 8: Statistics of LEDBAT

Start at: 2018-03-21 02:16:30
End at: 2018-03-21 02:17:00
Local clock offset: -4.579 ms
Remote clock offset: -8.552 ms

```
# Below is generated by plot.py at 2018-03-21 07:03:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 59.569 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.61 Mbit/s
95th percentile per-packet one-way delay: 59.543 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 47.20 Mbit/s
95th percentile per-packet one-way delay: 37.287 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 59.740 ms
Loss rate: 0.84%
```

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-03-21 02:38:10

End at: 2018-03-21 02:38:40

Local clock offset: -6.622 ms

Remote clock offset: -2.39 ms

Run 9: Report of LEDBAT — Data Link

Figure is missing

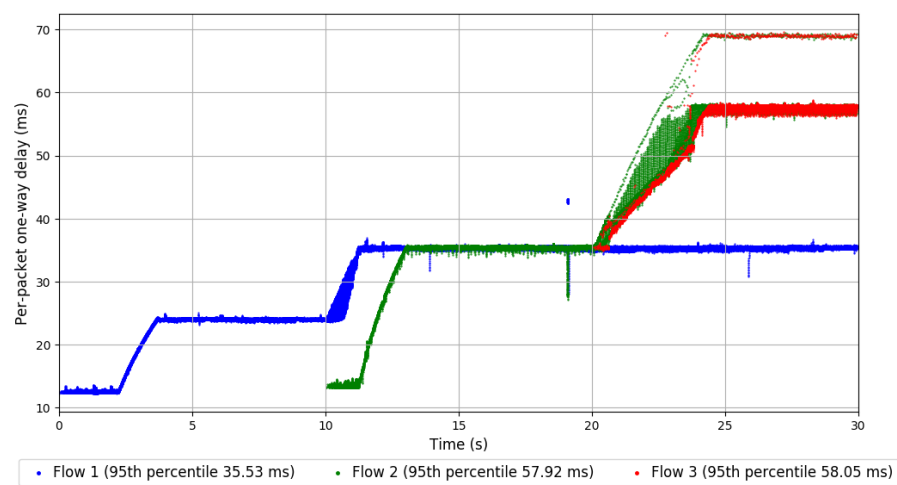
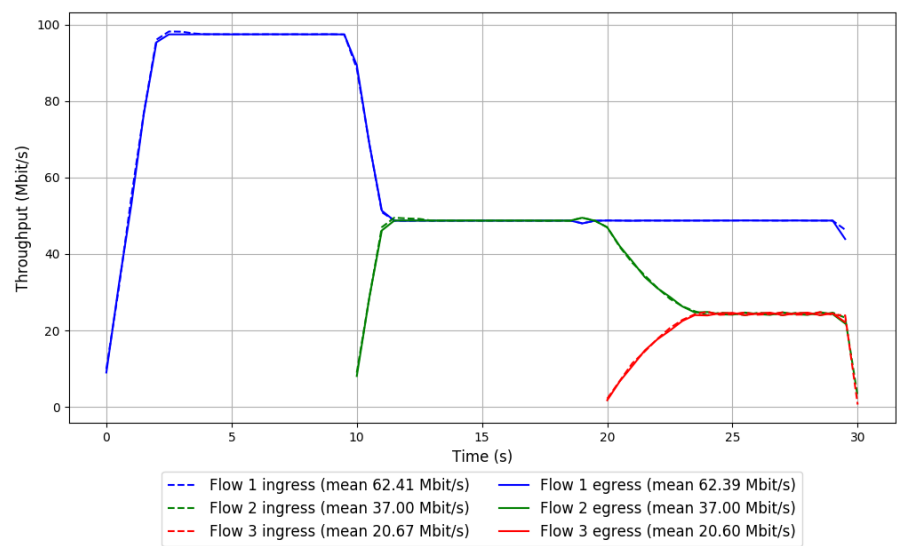
Figure is missing

Run 10: Statistics of LEDBAT

Start at: 2018-03-21 02:59:43
End at: 2018-03-21 03:00:13
Local clock offset: -9.877 ms
Remote clock offset: -4.766 ms

Below is generated by plot.py at 2018-03-21 07:03:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 57.822 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 62.39 Mbit/s
95th percentile per-packet one-way delay: 35.533 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 57.917 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 20.60 Mbit/s
95th percentile per-packet one-way delay: 58.045 ms
Loss rate: 1.27%

Run 10: Report of LEDBAT — Data Link

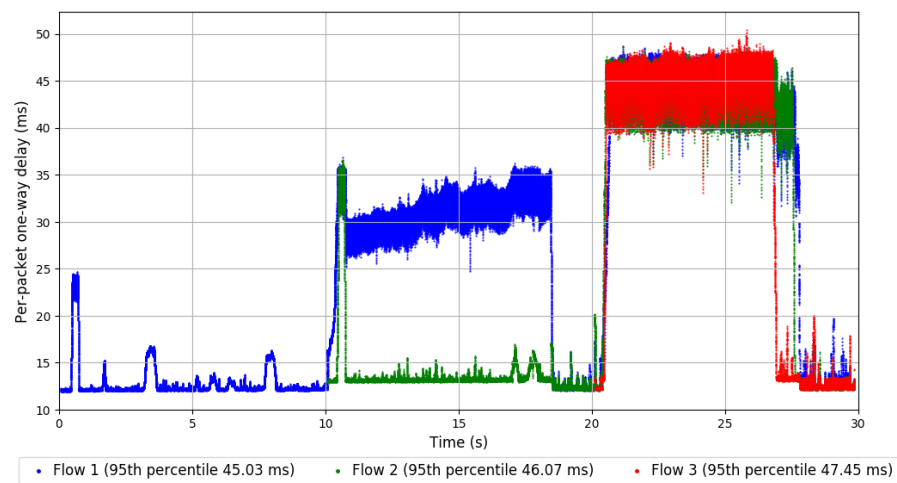
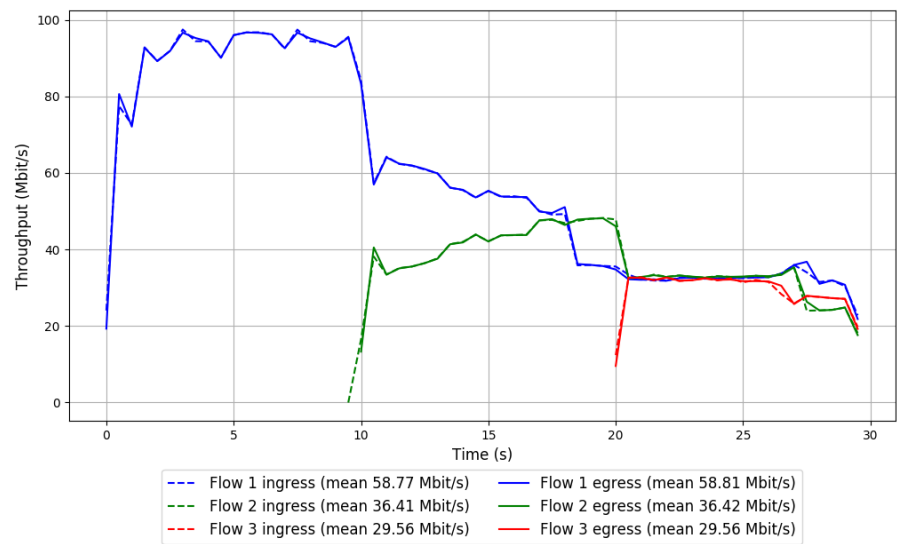


Run 1: Statistics of PCC

Start at: 2018-03-21 00:05:29
End at: 2018-03-21 00:05:59
Local clock offset: -5.128 ms
Remote clock offset: -5.758 ms

Below is generated by plot.py at 2018-03-21 07:03:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 46.185 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 45.031 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 46.074 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 47.447 ms
Loss rate: 0.21%

Run 1: Report of PCC — Data Link

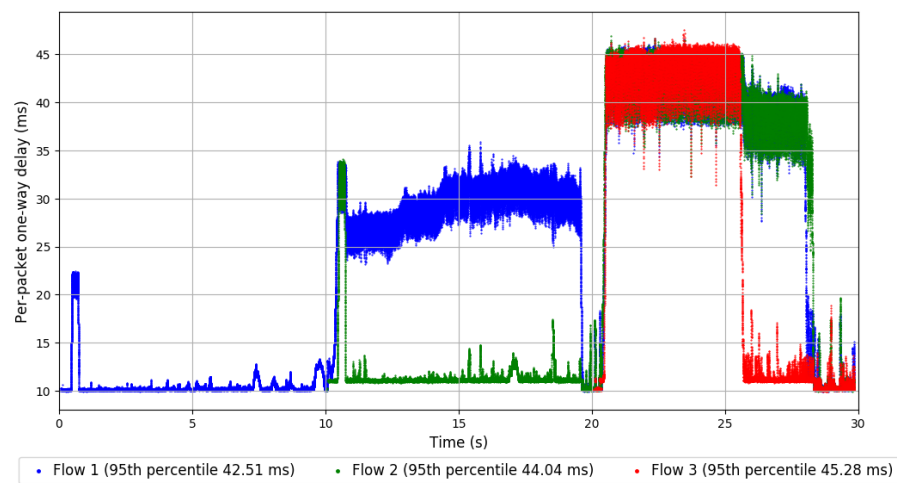
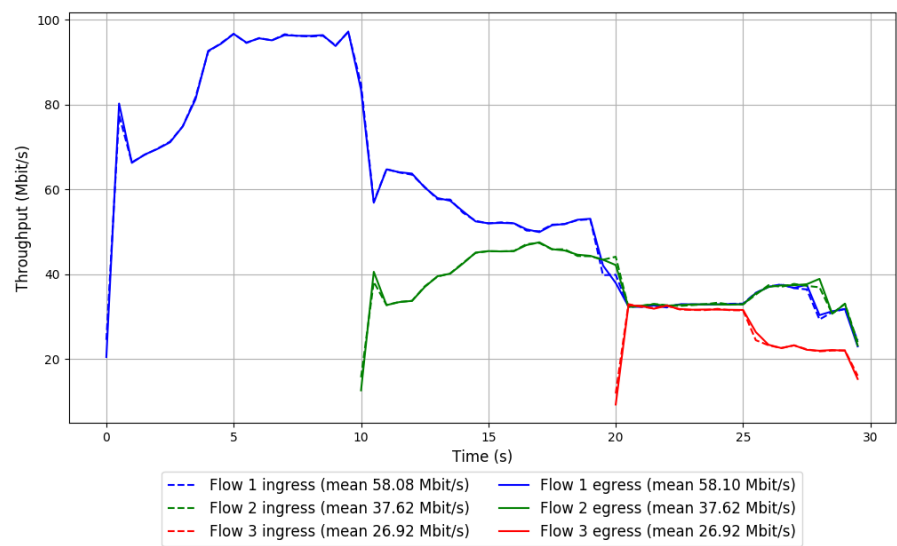


Run 2: Statistics of PCC

Start at: 2018-03-21 00:27:34
End at: 2018-03-21 00:28:04
Local clock offset: -6.755 ms
Remote clock offset: -2.922 ms

Below is generated by plot.py at 2018-03-21 07:03:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 43.948 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: 42.510 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 44.043 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 26.92 Mbit/s
95th percentile per-packet one-way delay: 45.279 ms
Loss rate: 0.23%

Run 2: Report of PCC — Data Link

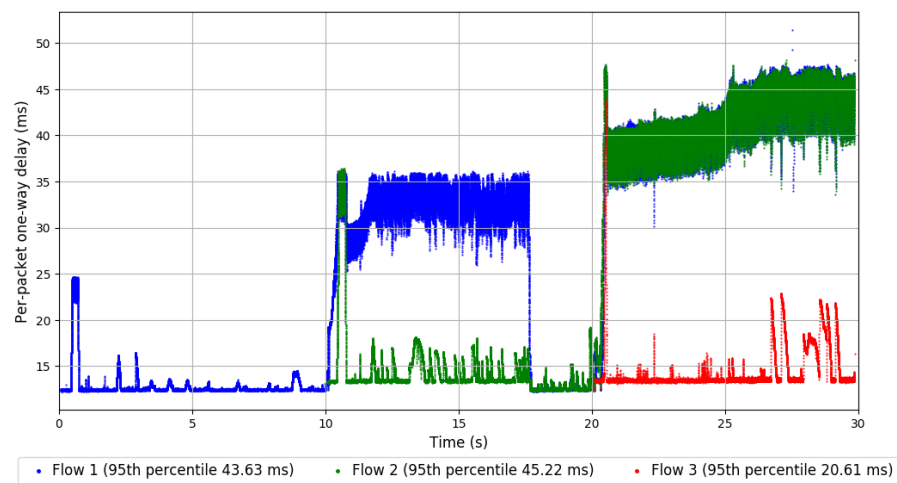
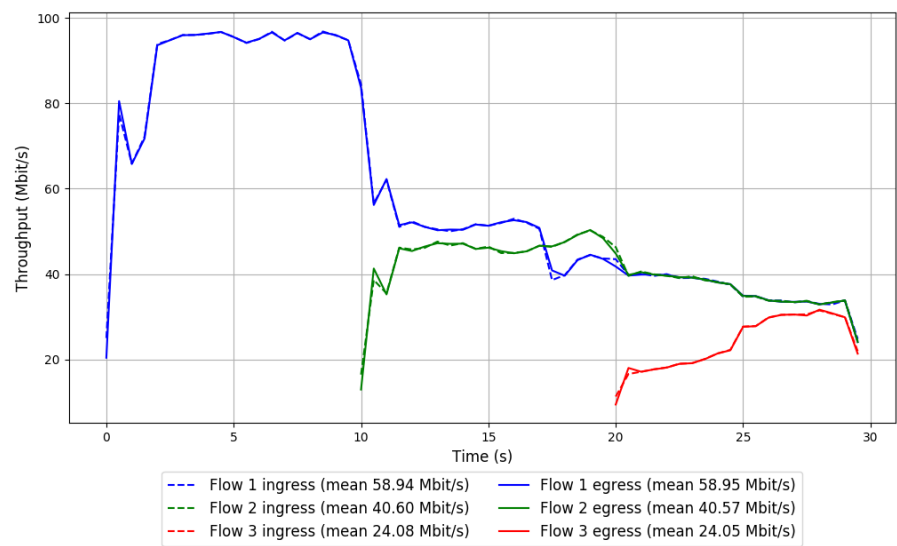


Run 3: Statistics of PCC

Start at: 2018-03-21 00:49:23
End at: 2018-03-21 00:49:53
Local clock offset: -4.575 ms
Remote clock offset: -1.622 ms

Below is generated by plot.py at 2018-03-21 07:03:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 44.228 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 43.632 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 45.219 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.05 Mbit/s
95th percentile per-packet one-way delay: 20.605 ms
Loss rate: 0.30%

Run 3: Report of PCC — Data Link

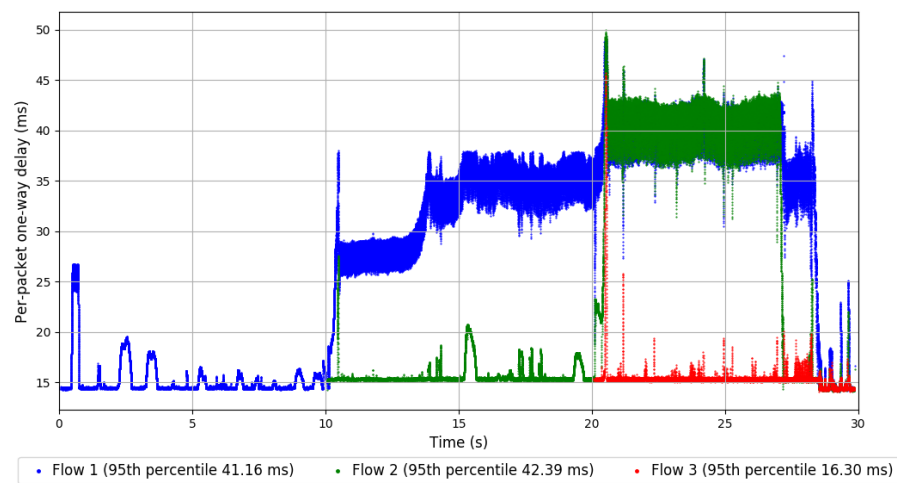
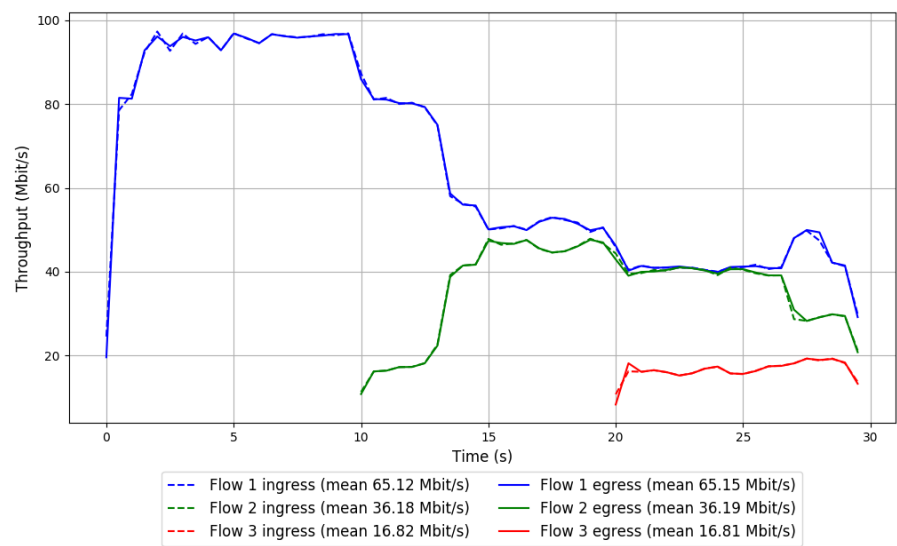


Run 4: Statistics of PCC

Start at: 2018-03-21 01:10:25
End at: 2018-03-21 01:10:55
Local clock offset: -2.77 ms
Remote clock offset: -2.428 ms

Below is generated by plot.py at 2018-03-21 07:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.73 Mbit/s
95th percentile per-packet one-way delay: 41.679 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 65.15 Mbit/s
95th percentile per-packet one-way delay: 41.164 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 42.394 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 16.81 Mbit/s
95th percentile per-packet one-way delay: 16.301 ms
Loss rate: 0.26%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-03-21 01:31:52

End at: 2018-03-21 01:32:22

Local clock offset: -2.975 ms

Remote clock offset: -7.18 ms

Below is generated by plot.py at 2018-03-21 07:03:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.07 Mbit/s

95th percentile per-packet one-way delay: 38.180 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 62.09 Mbit/s

95th percentile per-packet one-way delay: 37.120 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 45.80 Mbit/s

95th percentile per-packet one-way delay: 39.802 ms

Loss rate: 0.24%

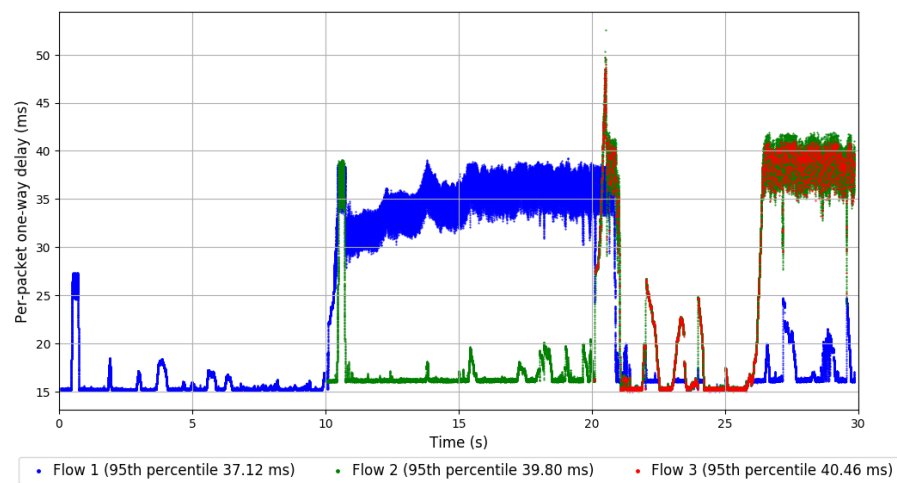
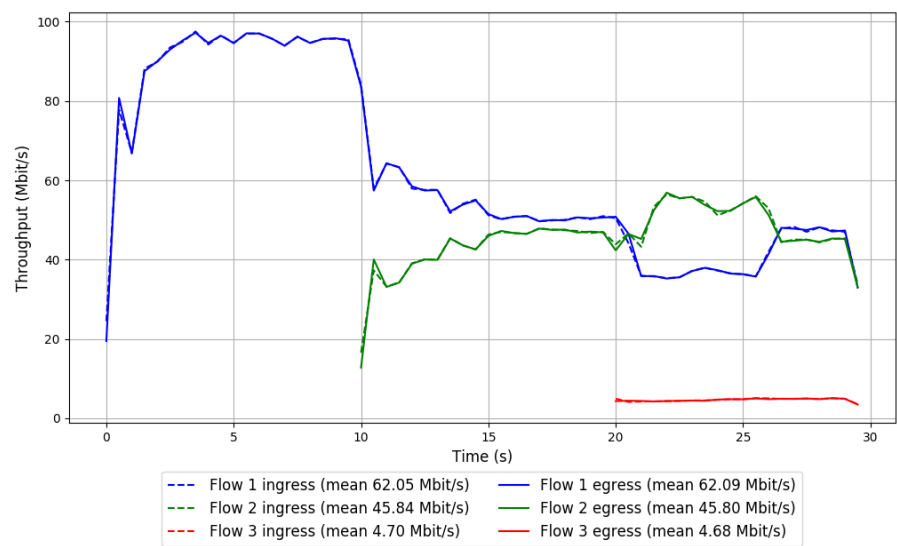
-- Flow 3:

Average throughput: 4.68 Mbit/s

95th percentile per-packet one-way delay: 40.456 ms

Loss rate: 0.50%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-03-21 01:53:34

End at: 2018-03-21 01:54:04

Local clock offset: -7.09 ms

Remote clock offset: -9.44 ms

Below is generated by plot.py at 2018-03-21 07:04:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.68 Mbit/s

95th percentile per-packet one-way delay: 69.999 ms

Loss rate: 0.23%

-- Flow 1:

Average throughput: 60.51 Mbit/s

95th percentile per-packet one-way delay: 69.480 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 31.64 Mbit/s

95th percentile per-packet one-way delay: 71.259 ms

Loss rate: 0.41%

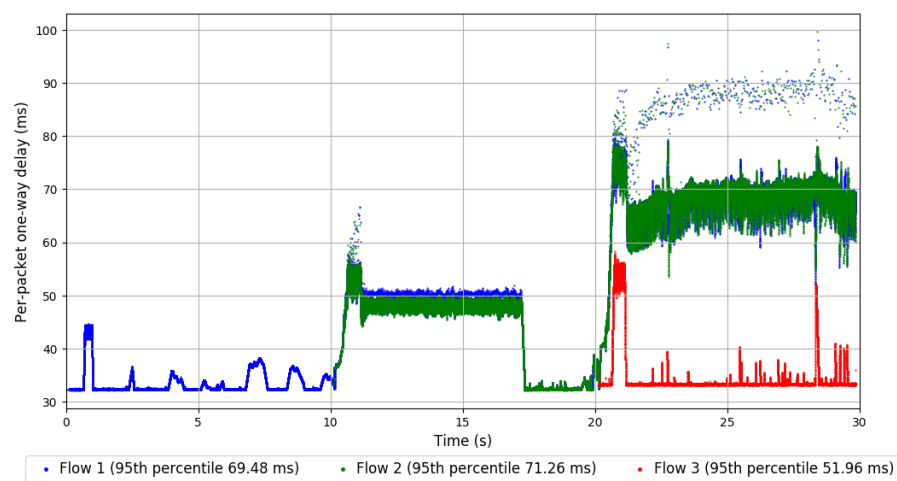
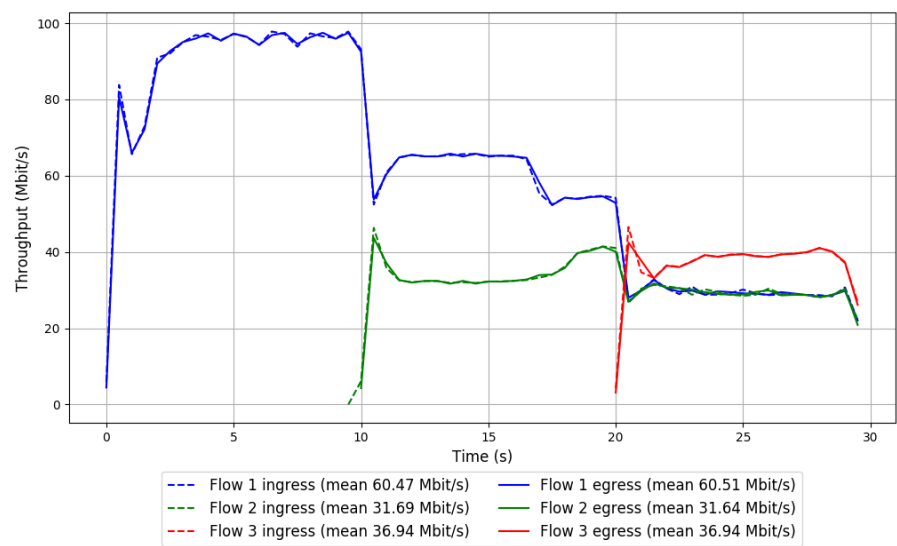
-- Flow 3:

Average throughput: 36.94 Mbit/s

95th percentile per-packet one-way delay: 51.956 ms

Loss rate: 0.43%

Run 6: Report of PCC — Data Link

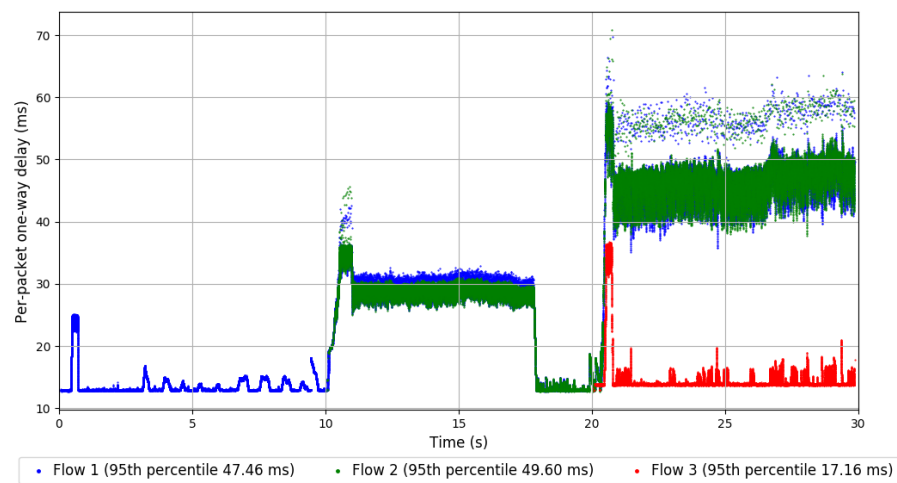
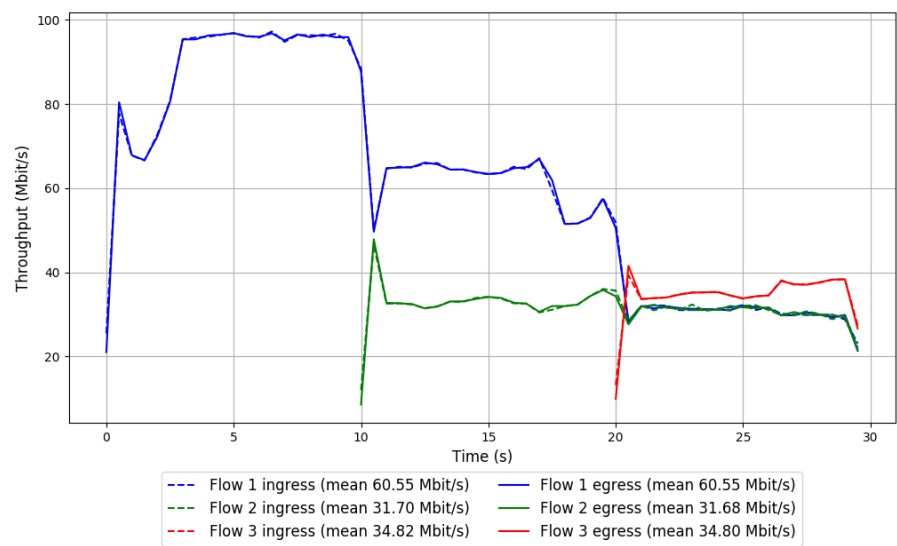


Run 7: Statistics of PCC

Start at: 2018-03-21 02:15:22
End at: 2018-03-21 02:15:52
Local clock offset: -5.372 ms
Remote clock offset: -8.689 ms

Below is generated by plot.py at 2018-03-21 07:04:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.05 Mbit/s
95th percentile per-packet one-way delay: 48.025 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.55 Mbit/s
95th percentile per-packet one-way delay: 47.462 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 49.599 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 34.80 Mbit/s
95th percentile per-packet one-way delay: 17.155 ms
Loss rate: 0.25%

Run 7: Report of PCC — Data Link

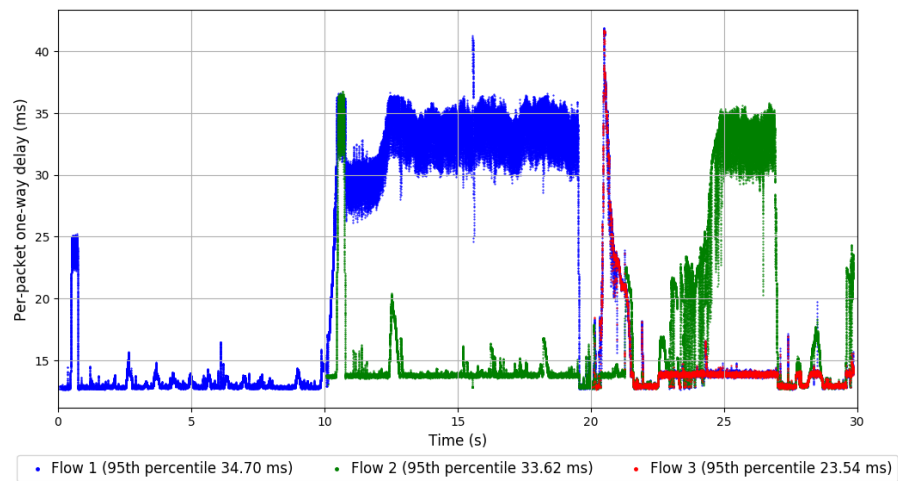
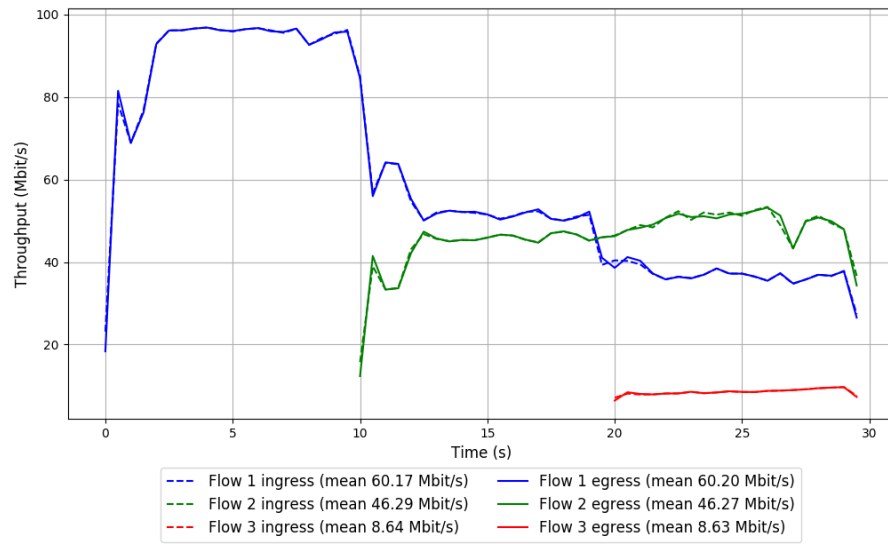


Run 8: Statistics of PCC

Start at: 2018-03-21 02:36:59
End at: 2018-03-21 02:37:29
Local clock offset: -4.11 ms
Remote clock offset: -3.012 ms

Below is generated by plot.py at 2018-03-21 07:05:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.79 Mbit/s
95th percentile per-packet one-way delay: 34.394 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.20 Mbit/s
95th percentile per-packet one-way delay: 34.695 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 46.27 Mbit/s
95th percentile per-packet one-way delay: 33.625 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 23.537 ms
Loss rate: 0.33%

Run 8: Report of PCC — Data Link

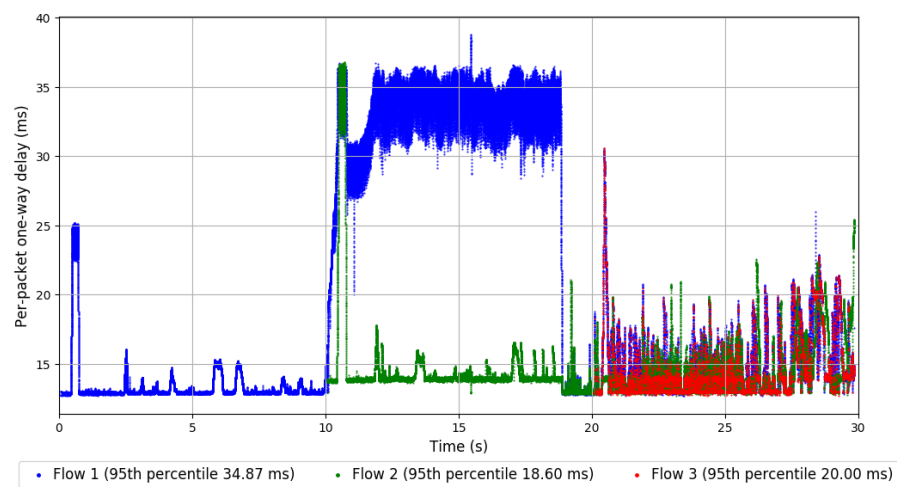
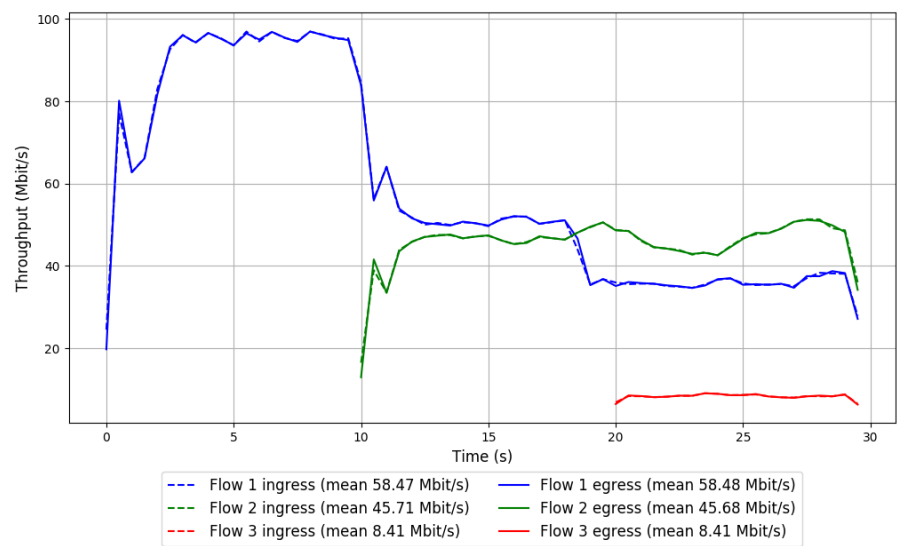


Run 9: Statistics of PCC

Start at: 2018-03-21 02:58:34
End at: 2018-03-21 02:59:04
Local clock offset: -7.914 ms
Remote clock offset: -3.527 ms

Below is generated by plot.py at 2018-03-21 07:05:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 34.422 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 58.48 Mbit/s
95th percentile per-packet one-way delay: 34.873 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 45.68 Mbit/s
95th percentile per-packet one-way delay: 18.603 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 19.997 ms
Loss rate: 0.25%

Run 9: Report of PCC — Data Link

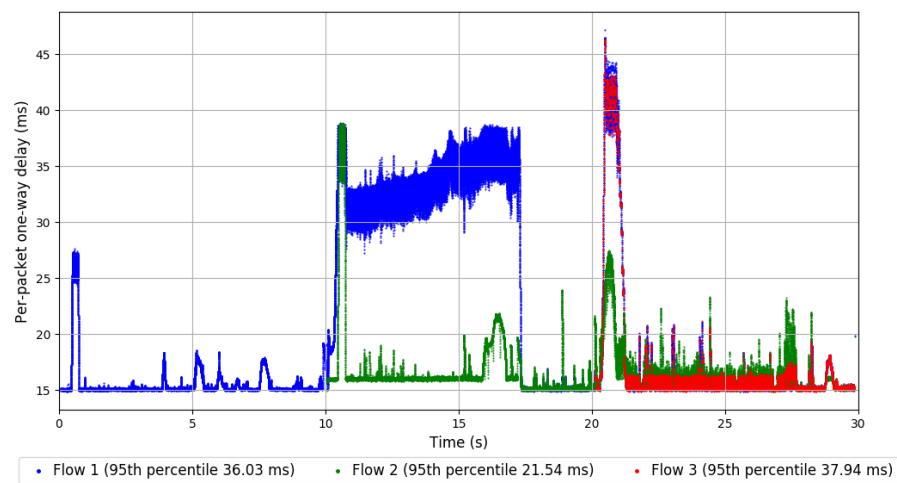
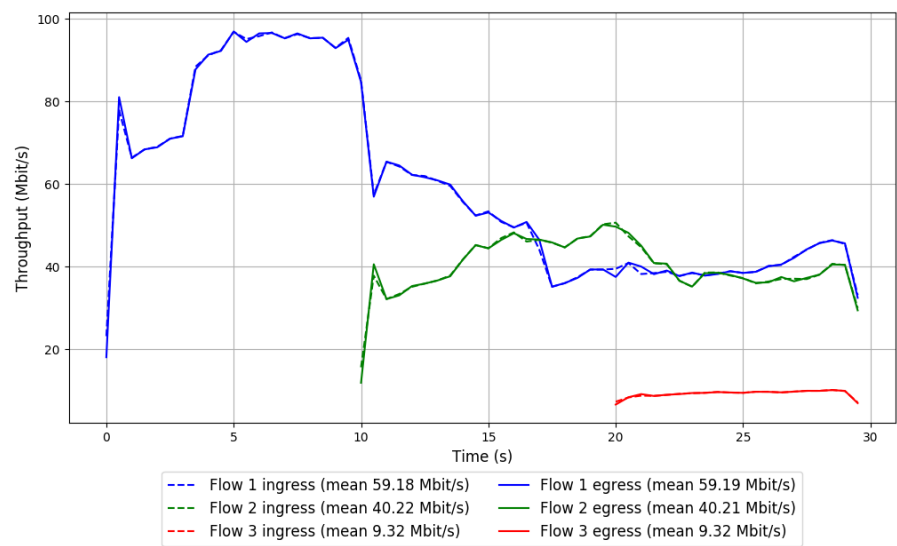


Run 10: Statistics of PCC

Start at: 2018-03-21 03:19:53
End at: 2018-03-21 03:20:23
Local clock offset: -9.356 ms
Remote clock offset: -6.047 ms

Below is generated by plot.py at 2018-03-21 07:05:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 35.286 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 36.028 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 21.536 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 37.940 ms
Loss rate: 0.25%

Run 10: Report of PCC — Data Link

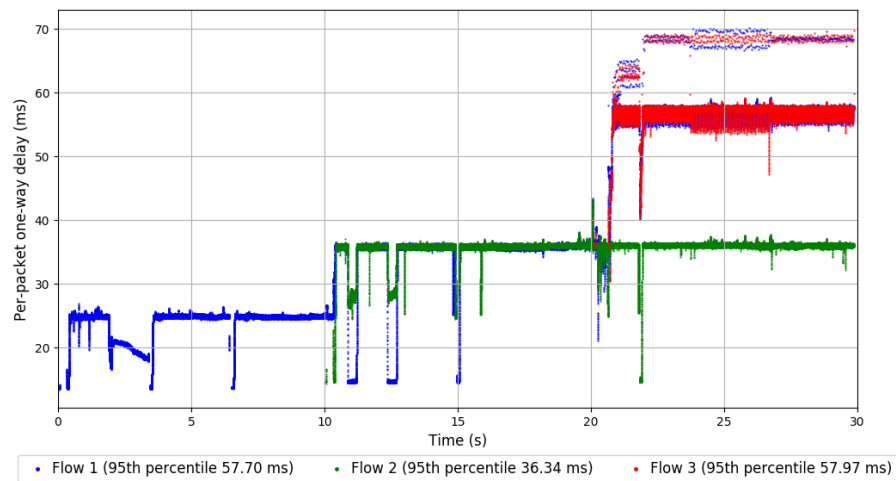
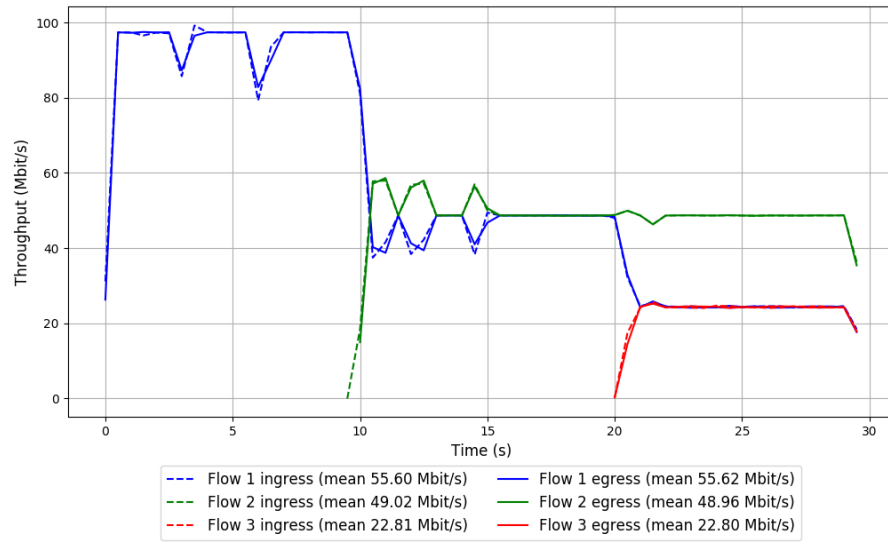


Run 1: Statistics of QUIC Cubic

Start at: 2018-03-21 00:03:04
End at: 2018-03-21 00:03:34
Local clock offset: -3.218 ms
Remote clock offset: -6.249 ms

Below is generated by plot.py at 2018-03-21 07:05:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 57.730 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.62 Mbit/s
95th percentile per-packet one-way delay: 57.702 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 36.344 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 22.80 Mbit/s
95th percentile per-packet one-way delay: 57.968 ms
Loss rate: 0.71%

Run 1: Report of QUIC Cubic — Data Link

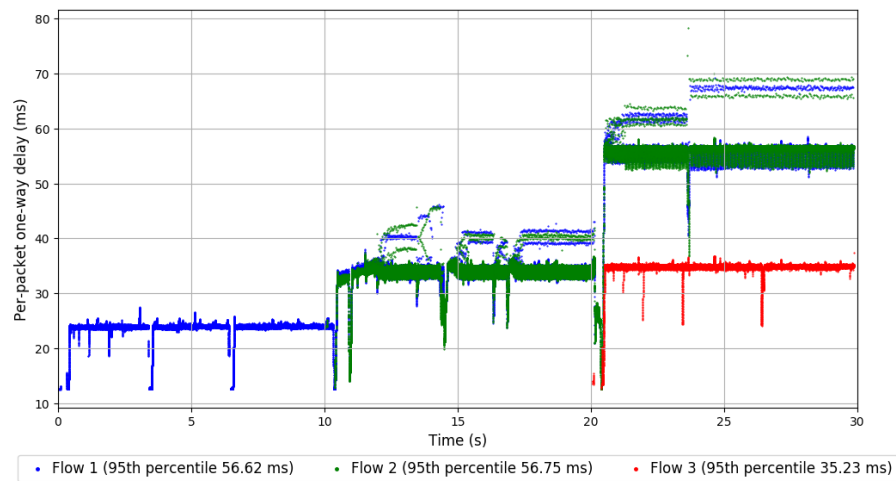
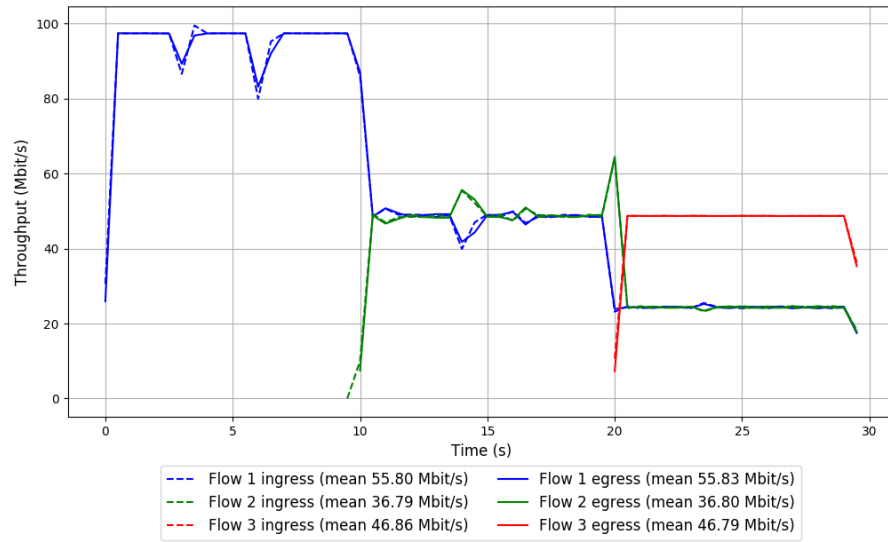


Run 2: Statistics of QUIC Cubic

Start at: 2018-03-21 00:25:03
End at: 2018-03-21 00:25:33
Local clock offset: -4.424 ms
Remote clock offset: -3.149 ms

Below is generated by plot.py at 2018-03-21 07:05:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 56.648 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.83 Mbit/s
95th percentile per-packet one-way delay: 56.620 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: 56.752 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 35.228 ms
Loss rate: 0.48%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-21 00:46:58

End at: 2018-03-21 00:47:28

Local clock offset: -5.56 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at 2018-03-21 07:05:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 44.716 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 58.42 Mbit/s

95th percentile per-packet one-way delay: 44.593 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 40.85 Mbit/s

95th percentile per-packet one-way delay: 44.763 ms

Loss rate: 0.23%

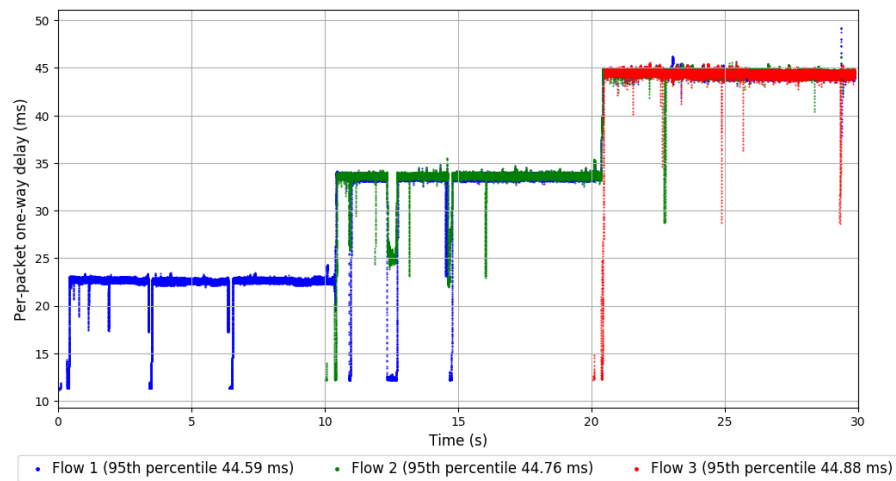
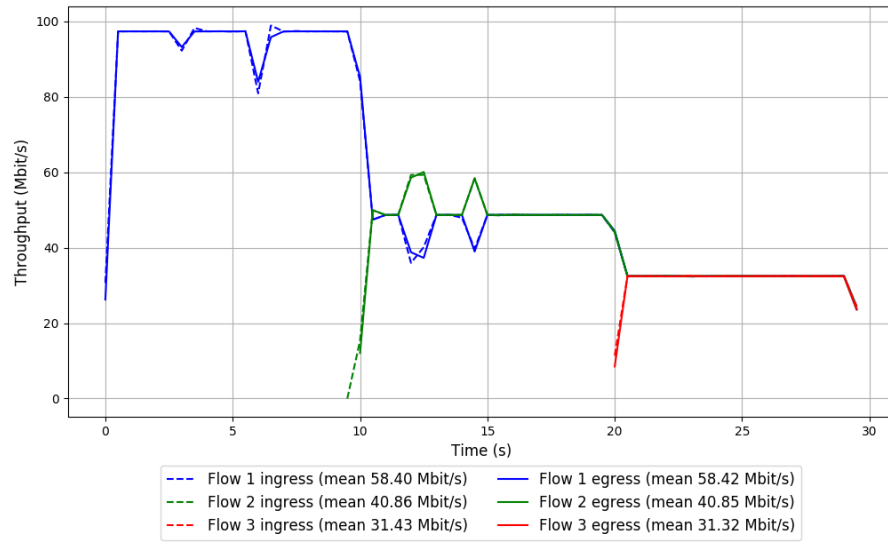
-- Flow 3:

Average throughput: 31.32 Mbit/s

95th percentile per-packet one-way delay: 44.882 ms

Loss rate: 0.59%

Run 3: Report of QUIC Cubic — Data Link

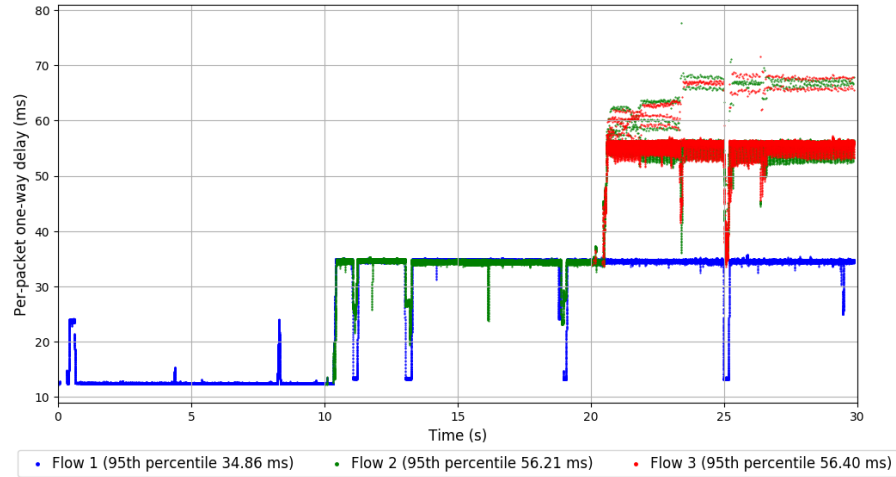
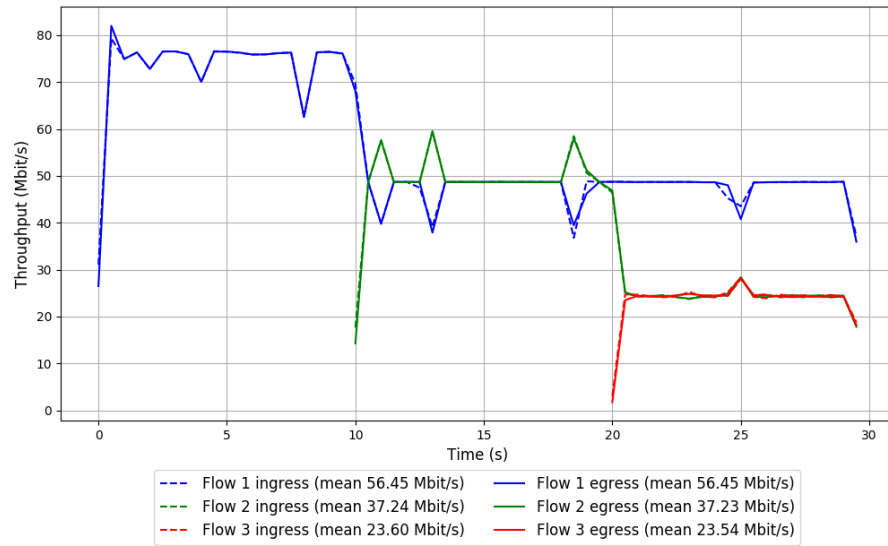


Run 4: Statistics of QUIC Cubic

Start at: 2018-03-21 01:08:02
End at: 2018-03-21 01:08:32
Local clock offset: -4.129 ms
Remote clock offset: -0.736 ms

Below is generated by plot.py at 2018-03-21 07:06:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.93 Mbit/s
95th percentile per-packet one-way delay: 56.080 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 34.859 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.23 Mbit/s
95th percentile per-packet one-way delay: 56.206 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 56.397 ms
Loss rate: 0.69%

Run 4: Report of QUIC Cubic — Data Link

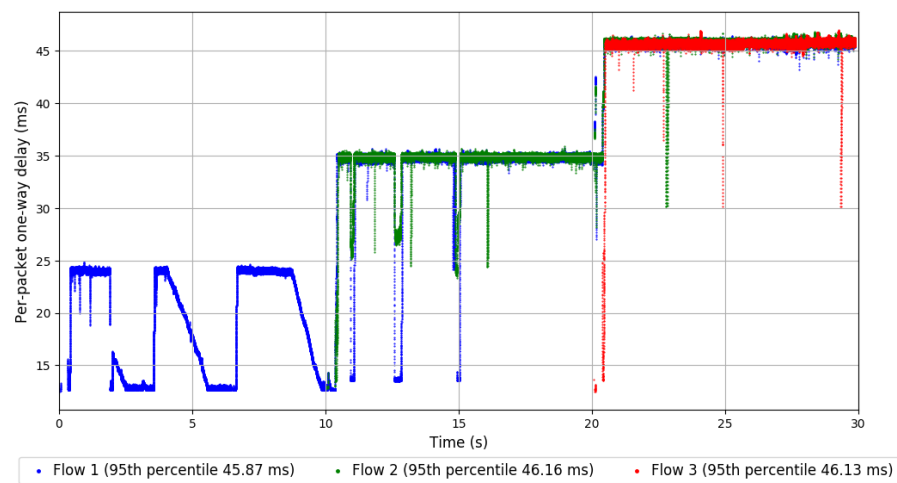
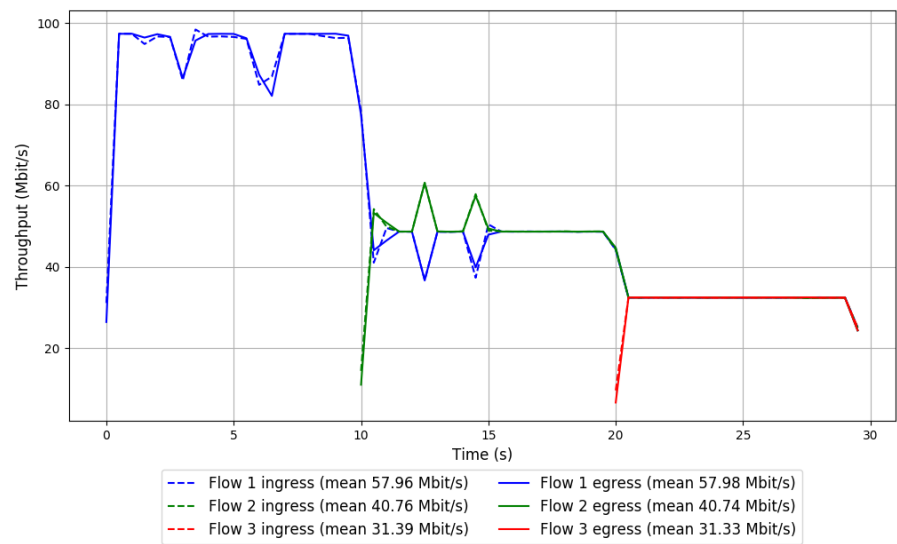


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-21 01:29:29
End at: 2018-03-21 01:29:59
Local clock offset: -5.023 ms
Remote clock offset: -6.458 ms

Below is generated by plot.py at 2018-03-21 07:06:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 46.020 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 45.873 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.74 Mbit/s
95th percentile per-packet one-way delay: 46.156 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 46.126 ms
Loss rate: 0.59%

Run 5: Report of QUIC Cubic — Data Link

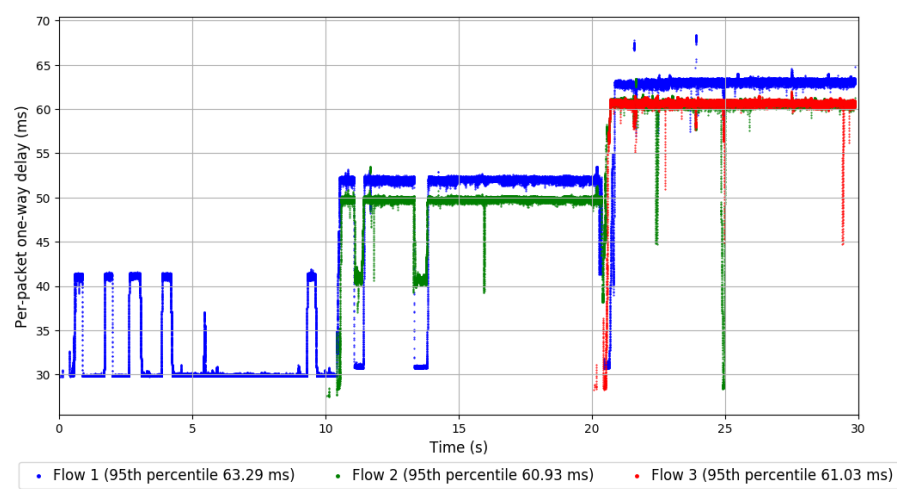
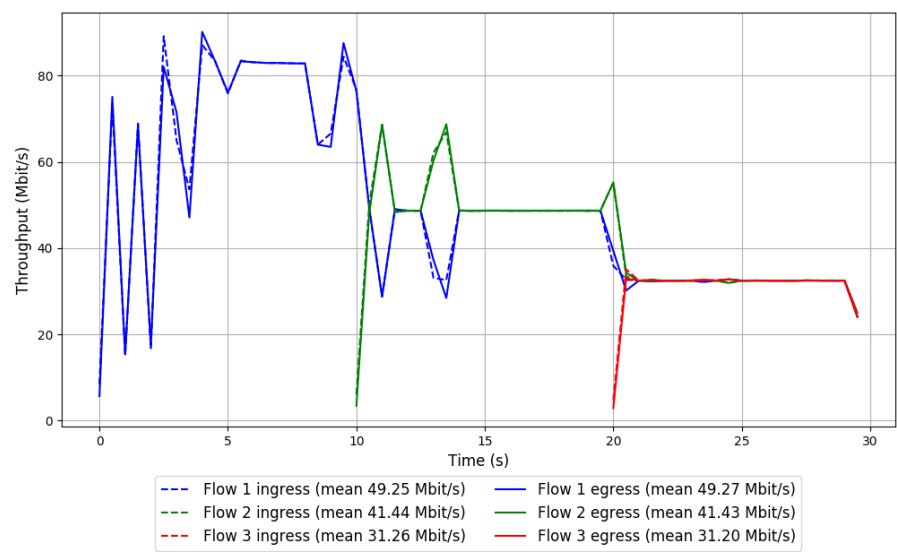


Run 6: Statistics of QUIC Cubic

Start at: 2018-03-21 01:51:11
End at: 2018-03-21 01:51:41
Local clock offset: -6.408 ms
Remote clock offset: -6.274 ms

Below is generated by plot.py at 2018-03-21 07:06:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 63.124 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 63.291 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 41.43 Mbit/s
95th percentile per-packet one-way delay: 60.927 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 31.20 Mbit/s
95th percentile per-packet one-way delay: 61.028 ms
Loss rate: 0.77%

Run 6: Report of QUIC Cubic — Data Link

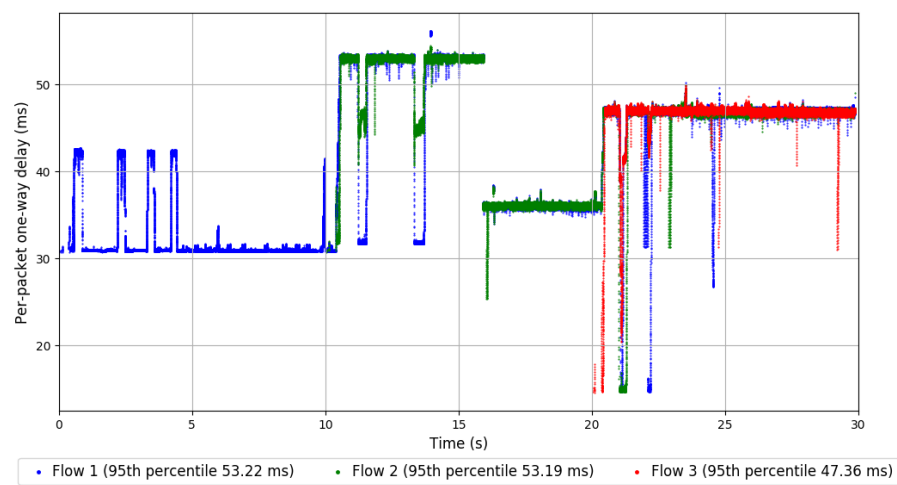
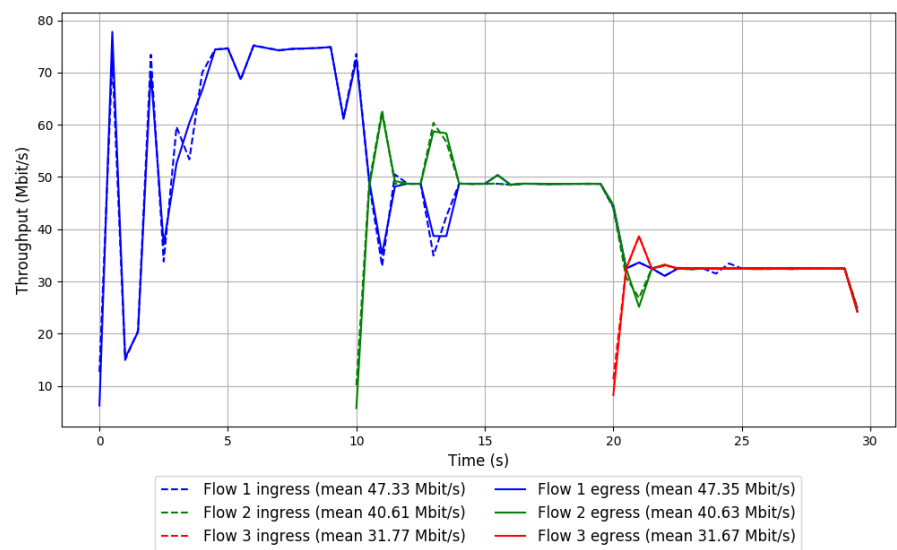


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-21 02:13:02
End at: 2018-03-21 02:13:32
Local clock offset: -3.702 ms
Remote clock offset: -7.681 ms

Below is generated by plot.py at 2018-03-21 07:06:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 53.188 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 53.221 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 53.188 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 47.361 ms
Loss rate: 0.58%

Run 7: Report of QUIC Cubic — Data Link

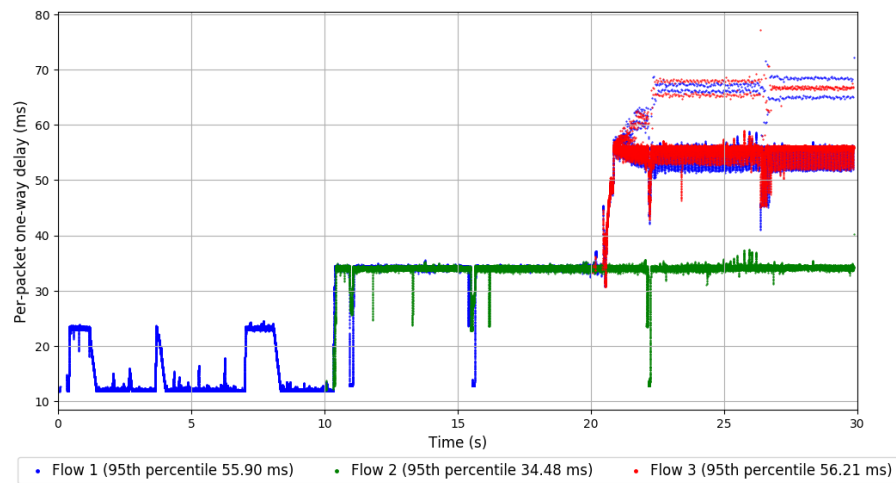
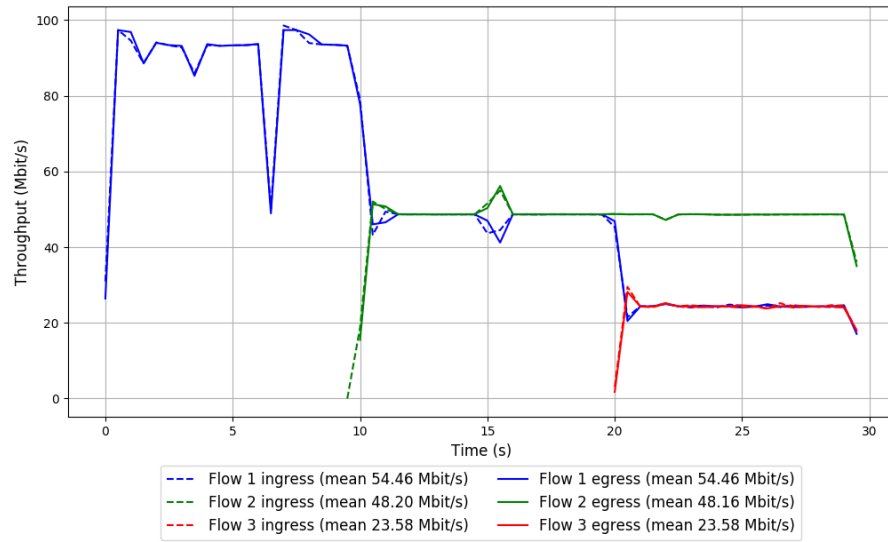


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-21 02:34:28
End at: 2018-03-21 02:34:58
Local clock offset: -5.121 ms
Remote clock offset: -3.246 ms

Below is generated by plot.py at 2018-03-21 07:06:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.23 Mbit/s
95th percentile per-packet one-way delay: 55.937 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 55.897 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.16 Mbit/s
95th percentile per-packet one-way delay: 34.482 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.58 Mbit/s
95th percentile per-packet one-way delay: 56.207 ms
Loss rate: 0.68%

Run 8: Report of QUIC Cubic — Data Link

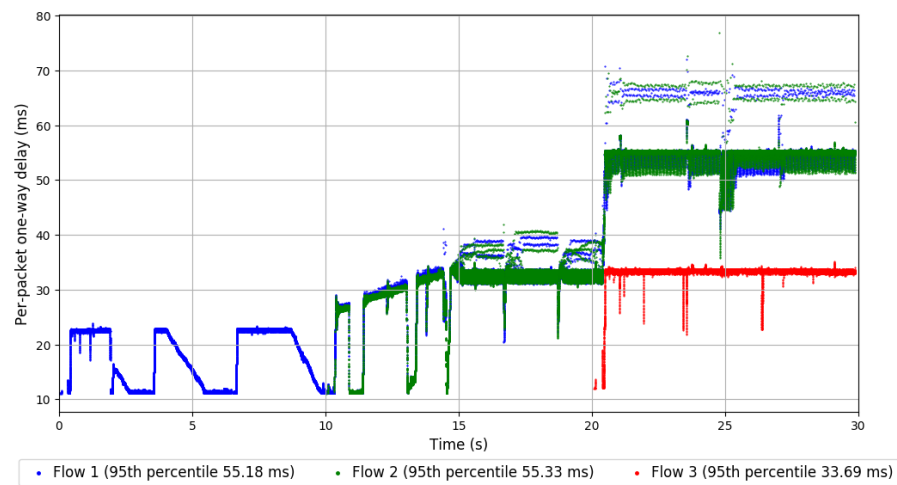
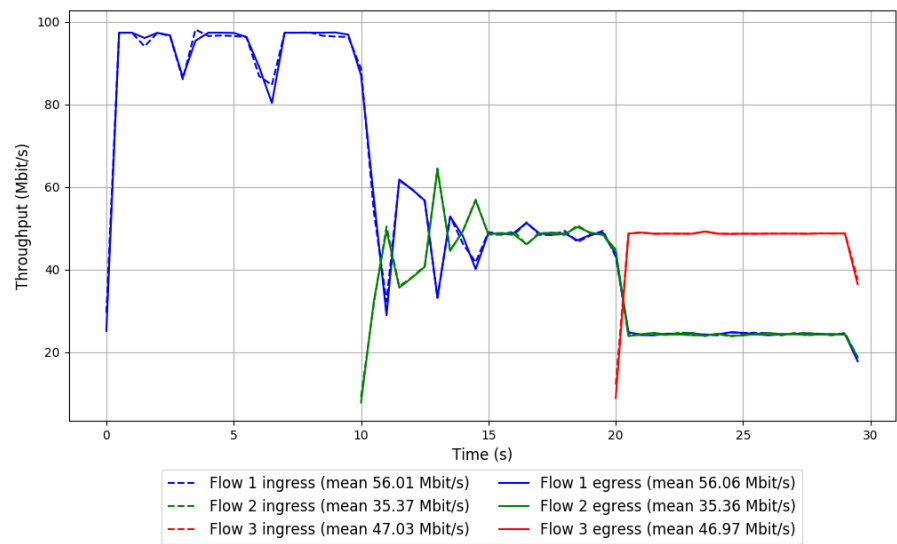


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-21 02:56:07
End at: 2018-03-21 02:56:37
Local clock offset: -10.043 ms
Remote clock offset: -4.073 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.98 Mbit/s
95th percentile per-packet one-way delay: 55.218 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.06 Mbit/s
95th percentile per-packet one-way delay: 55.181 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.36 Mbit/s
95th percentile per-packet one-way delay: 55.334 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 46.97 Mbit/s
95th percentile per-packet one-way delay: 33.694 ms
Loss rate: 0.48%

Run 9: Report of QUIC Cubic — Data Link

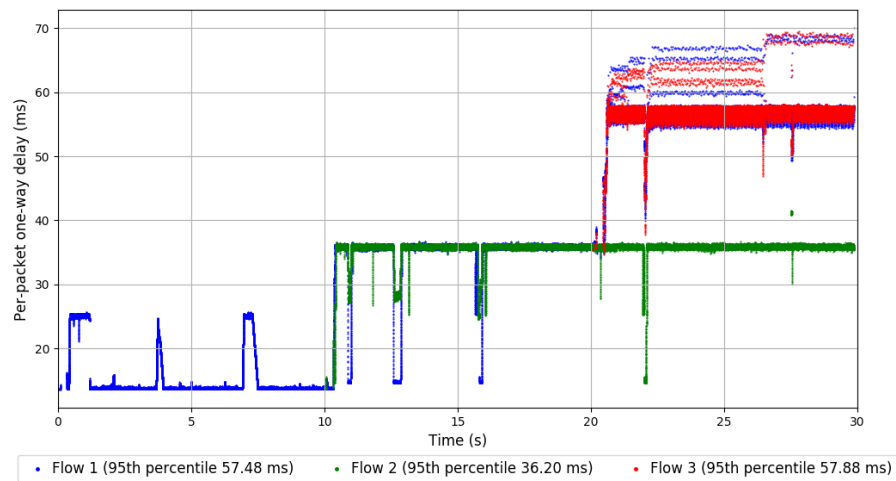
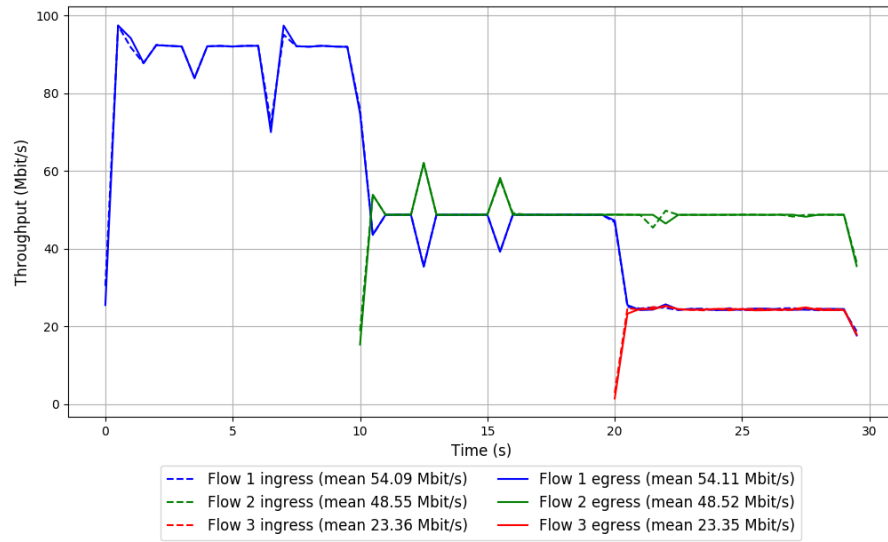


Run 10: Statistics of QUIC Cubic

Start at: 2018-03-21 03:17:30
End at: 2018-03-21 03:18:00
Local clock offset: -9.878 ms
Remote clock offset: -5.326 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 57.523 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 54.11 Mbit/s
95th percentile per-packet one-way delay: 57.479 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 36.205 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 57.878 ms
Loss rate: 0.70%

Run 10: Report of QUIC Cubic — Data Link

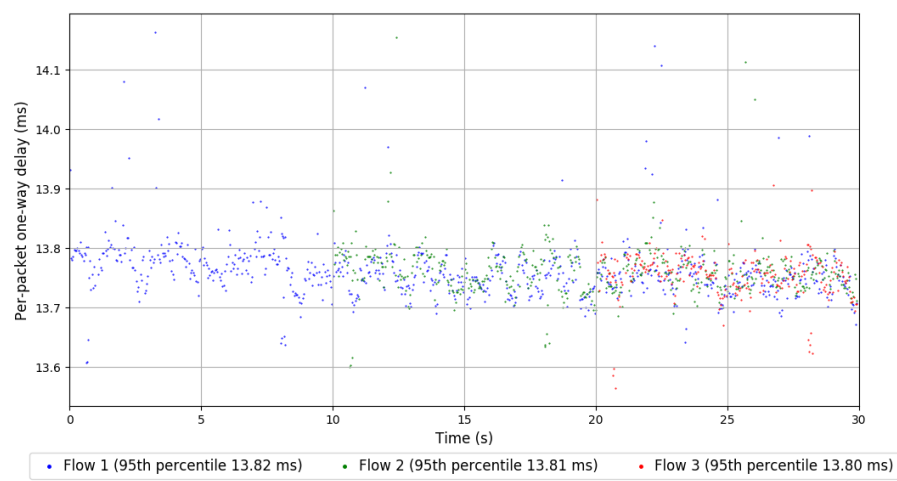
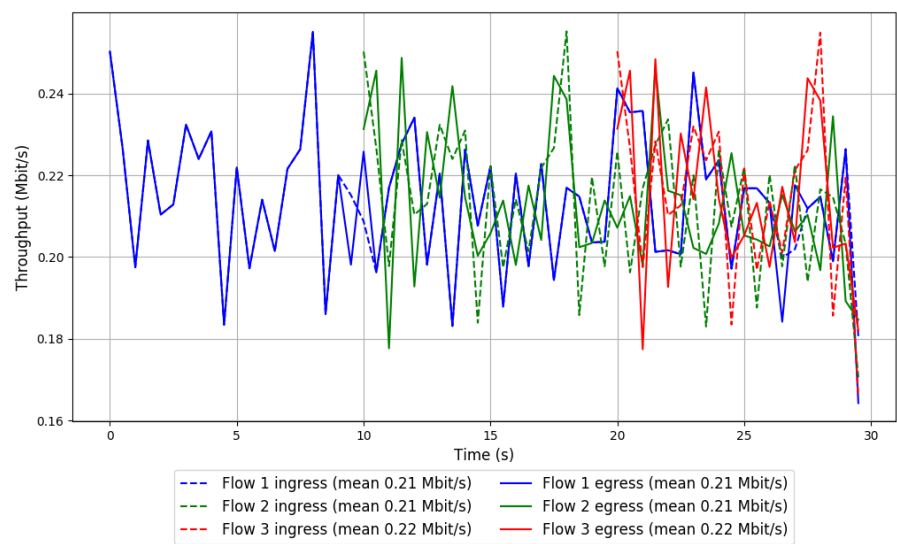


```
Run 1: Statistics of SReAM

Start at: 2018-03-20 23:52:24
End at: 2018-03-20 23:52:54
Local clock offset: -4.225 ms
Remote clock offset: -7.981 ms

# Below is generated by plot.py at 2018-03-21 07:06:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.810 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.818 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.808 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.800 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

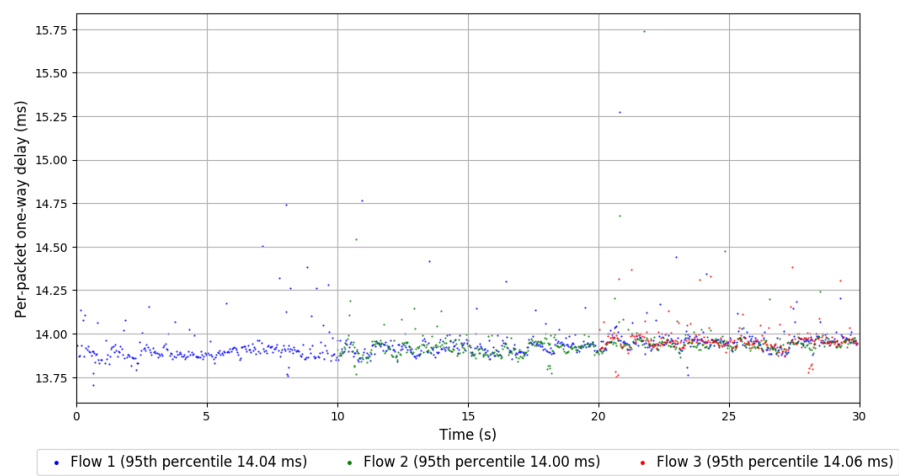
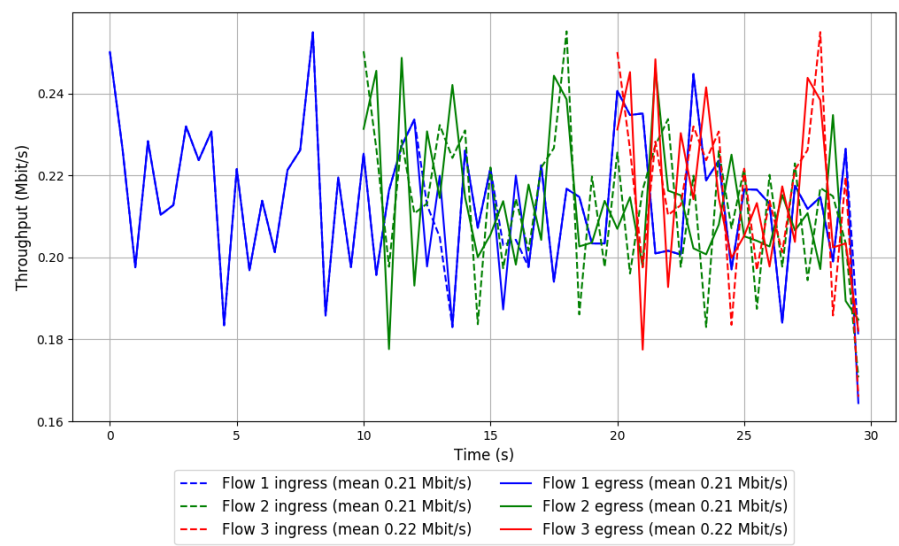


Run 2: Statistics of SReAM

Start at: 2018-03-21 00:14:00
End at: 2018-03-21 00:14:30
Local clock offset: -3.494 ms
Remote clock offset: -4.129 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.035 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.042 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.001 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.063 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

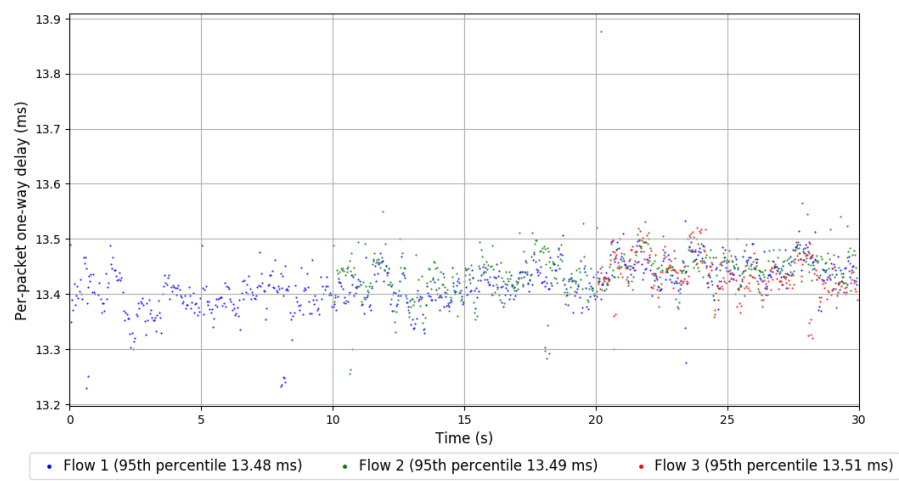
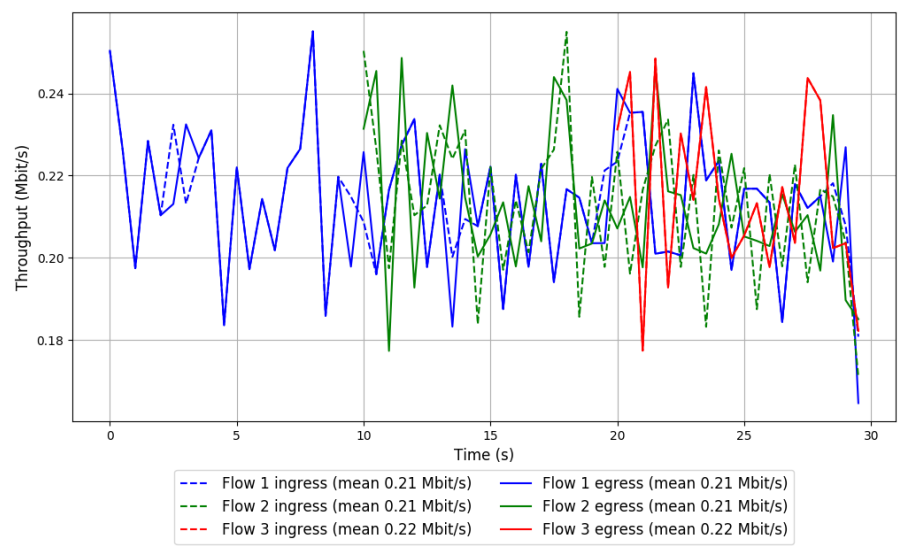


Run 3: Statistics of SReAM

Start at: 2018-03-21 00:36:03
End at: 2018-03-21 00:36:33
Local clock offset: -4.304 ms
Remote clock offset: -3.36 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.489 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.479 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.492 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.507 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

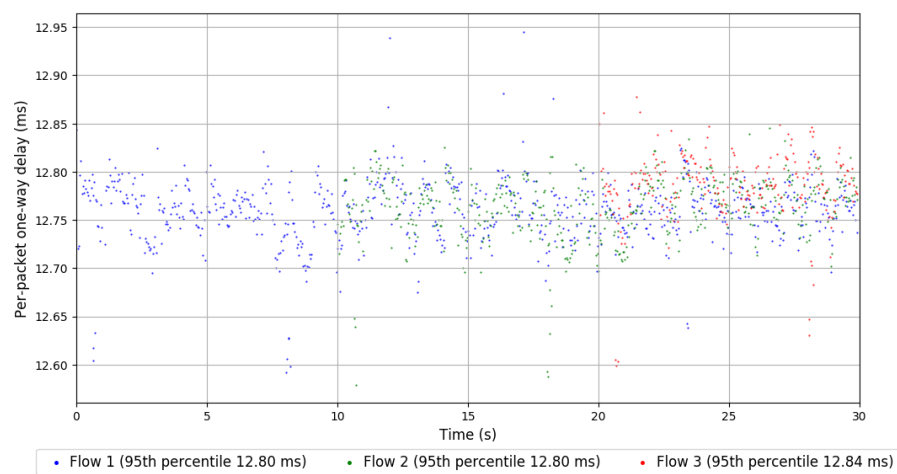
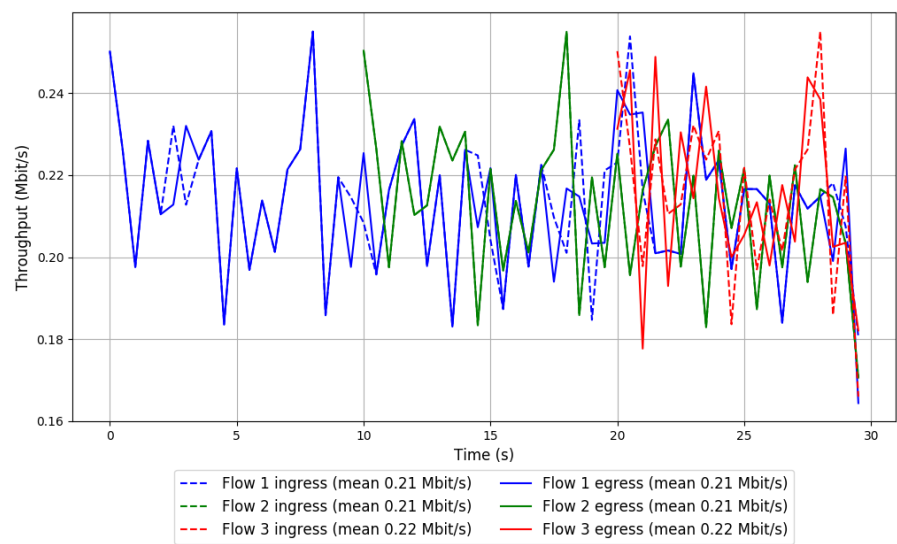


Run 4: Statistics of SReAM

Start at: 2018-03-21 00:57:27
End at: 2018-03-21 00:57:57
Local clock offset: -3.189 ms
Remote clock offset: -0.281 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 12.813 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.801 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.805 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 12.836 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

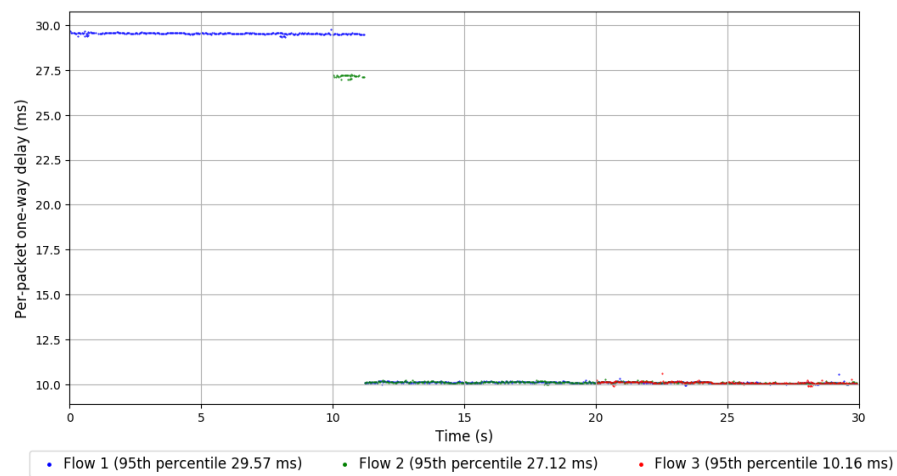
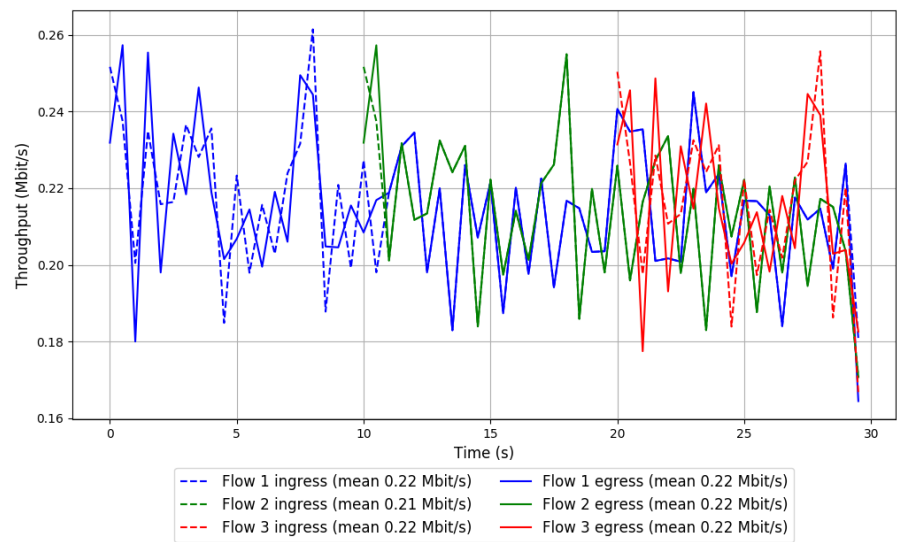


Run 5: Statistics of SReAM

Start at: 2018-03-21 01:18:51
End at: 2018-03-21 01:19:21
Local clock offset: -6.969 ms
Remote clock offset: -4.518 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 29.559 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.572 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.124 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.165 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

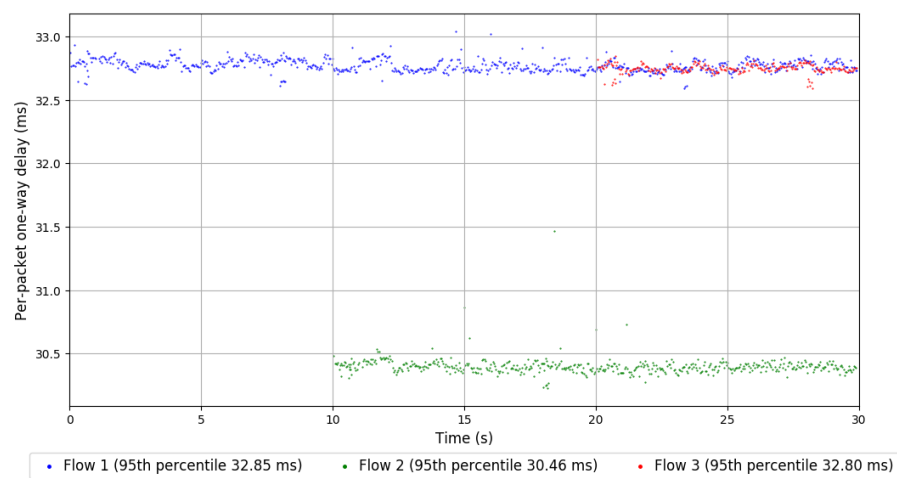
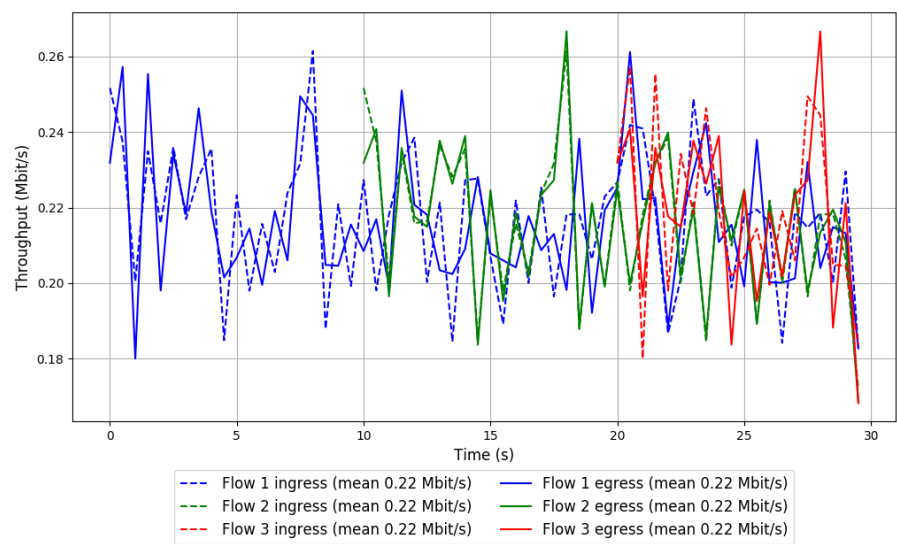


Run 6: Statistics of SReAM

Start at: 2018-03-21 01:40:08
End at: 2018-03-21 01:40:38
Local clock offset: -4.323 ms
Remote clock offset: -7.398 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 32.831 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.849 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.457 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.802 ms
Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

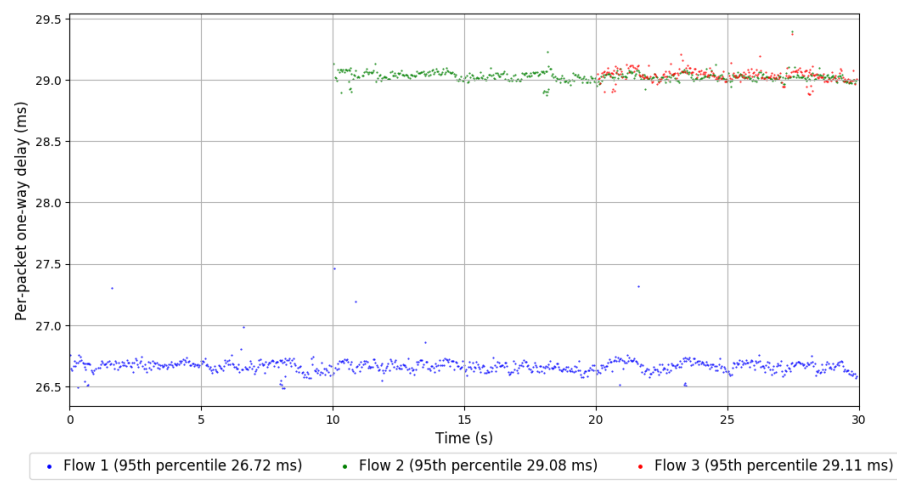
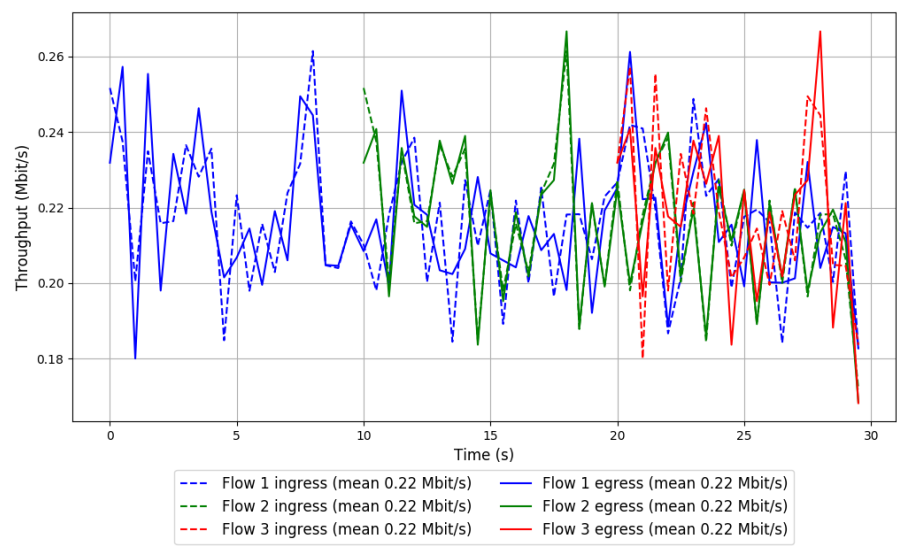


Run 7: Statistics of SReAM

Start at: 2018-03-21 02:02:03
End at: 2018-03-21 02:02:33
Local clock offset: -7.578 ms
Remote clock offset: -6.793 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 29.075 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 26.724 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.081 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.114 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

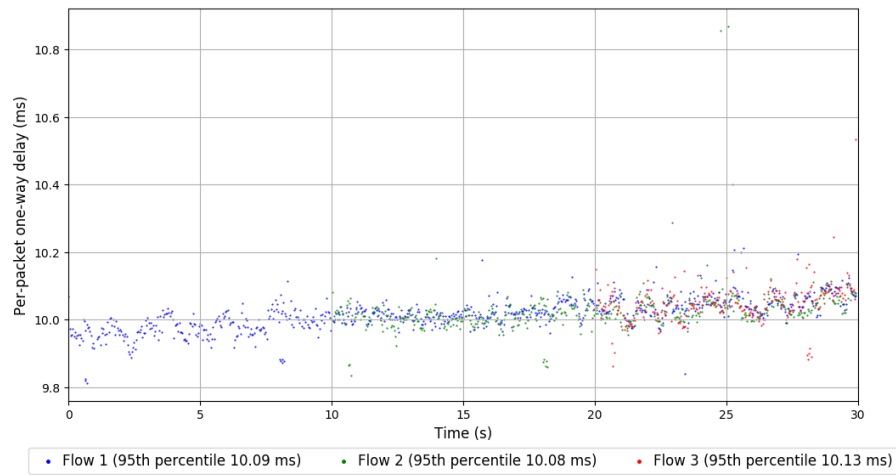
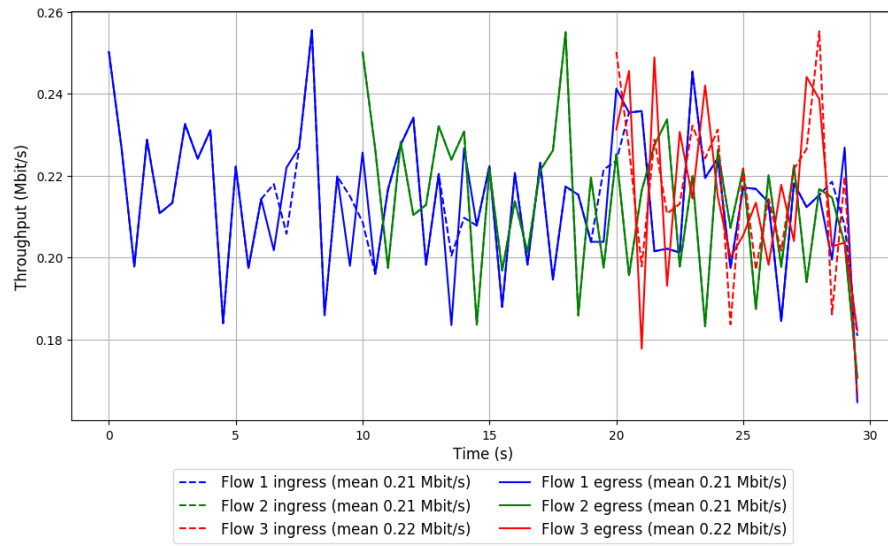


Run 8: Statistics of SCReAM

Start at: 2018-03-21 02:23:35
End at: 2018-03-21 02:24:05
Local clock offset: -7.242 ms
Remote clock offset: -4.898 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 10.093 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.088 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.082 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.131 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

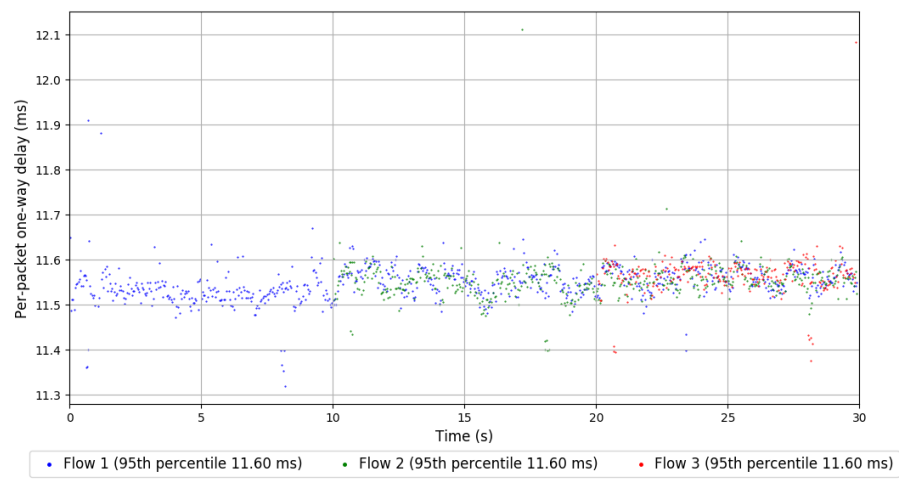
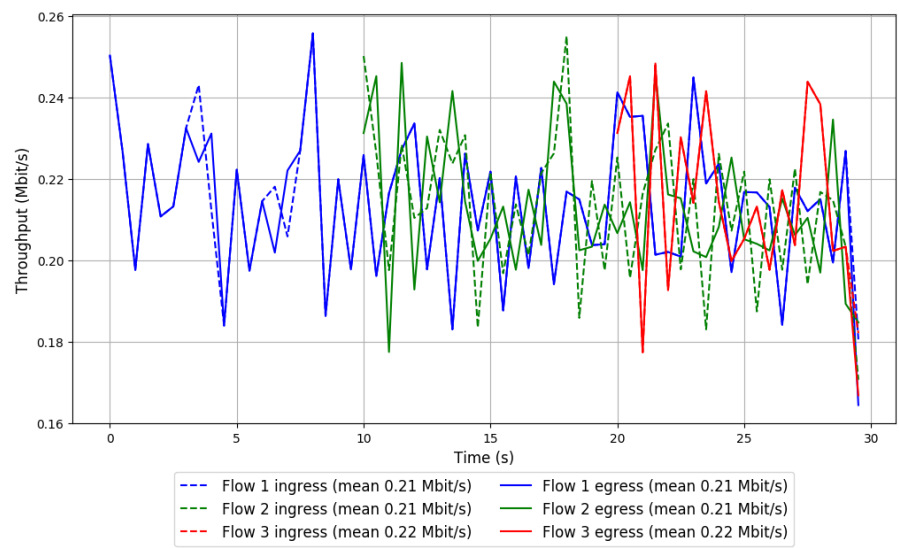


Run 9: Statistics of SReAM

Start at: 2018-03-21 02:45:24
End at: 2018-03-21 02:45:54
Local clock offset: -4.691 ms
Remote clock offset: -1.909 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 11.601 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.600 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.603 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

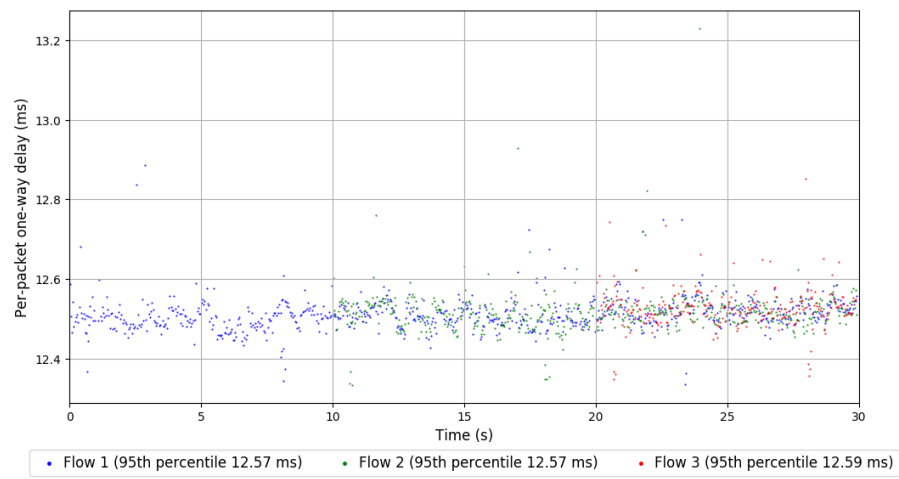
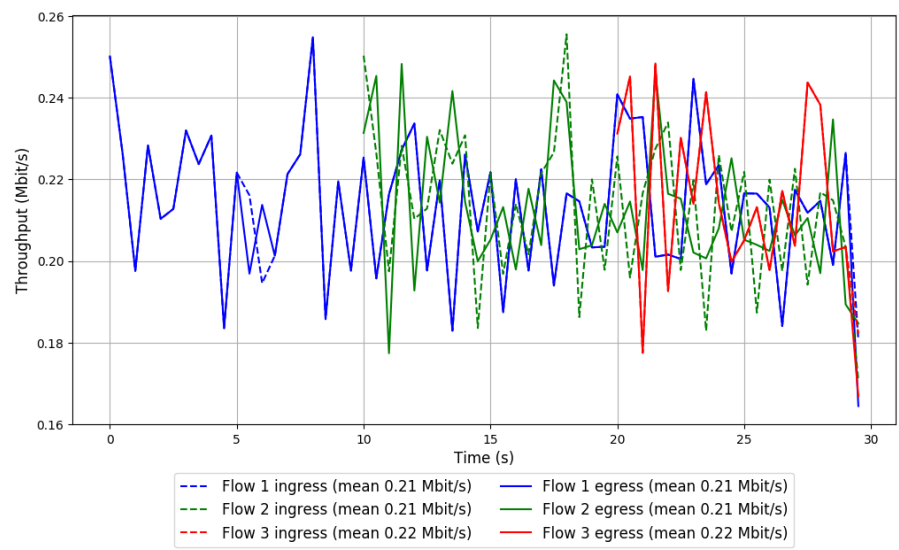


Run 10: Statistics of SReAM

Start at: 2018-03-21 03:06:42
End at: 2018-03-21 03:07:12
Local clock offset: -10.955 ms
Remote clock offset: -5.661 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 12.573 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.569 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.571 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 12.594 ms
Loss rate: 0.35%

Run 10: Report of SCReAM — Data Link

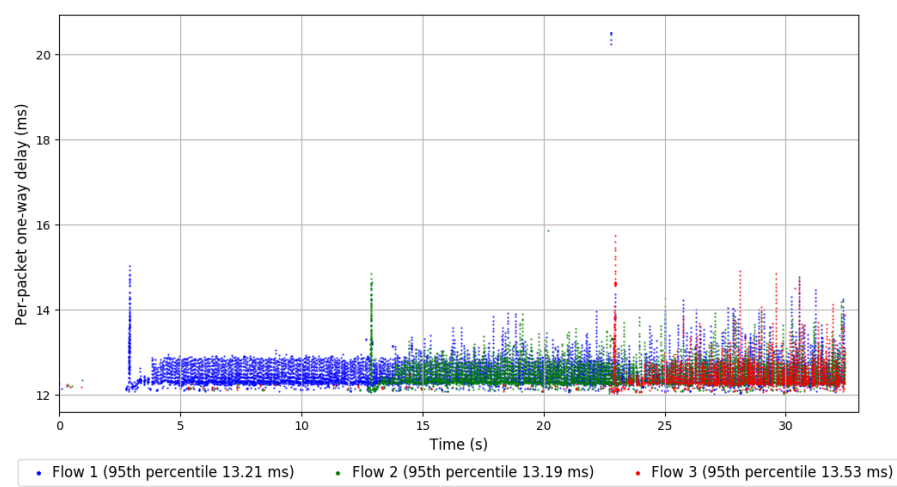
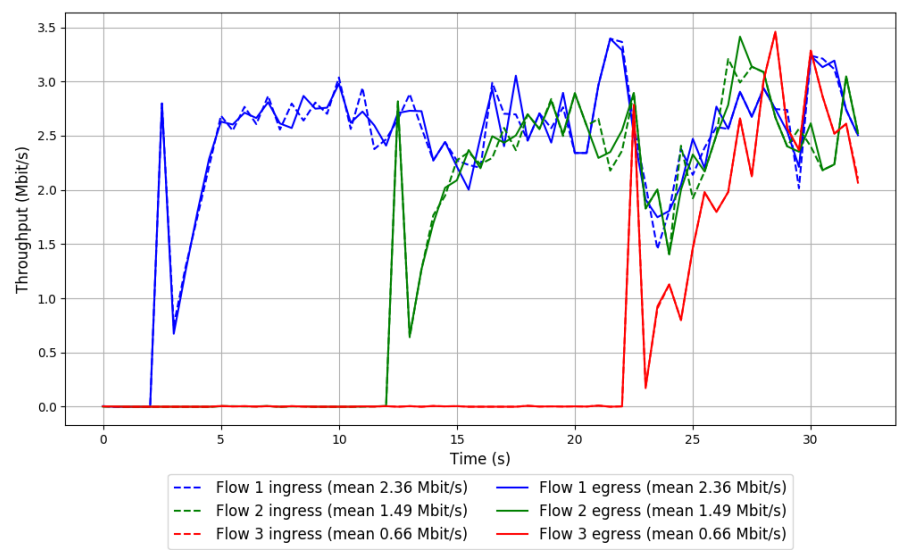


Run 1: Statistics of WebRTC media

Start at: 2018-03-20 23:51:18
End at: 2018-03-20 23:51:48
Local clock offset: -5.866 ms
Remote clock offset: -8.038 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 13.249 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 13.214 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 13.185 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 13.533 ms
Loss rate: 0.09%

Run 1: Report of WebRTC media — Data Link

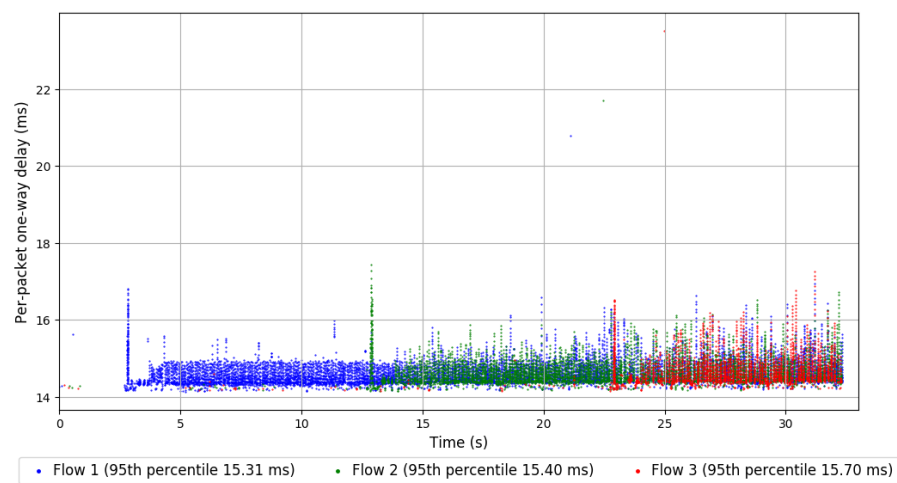
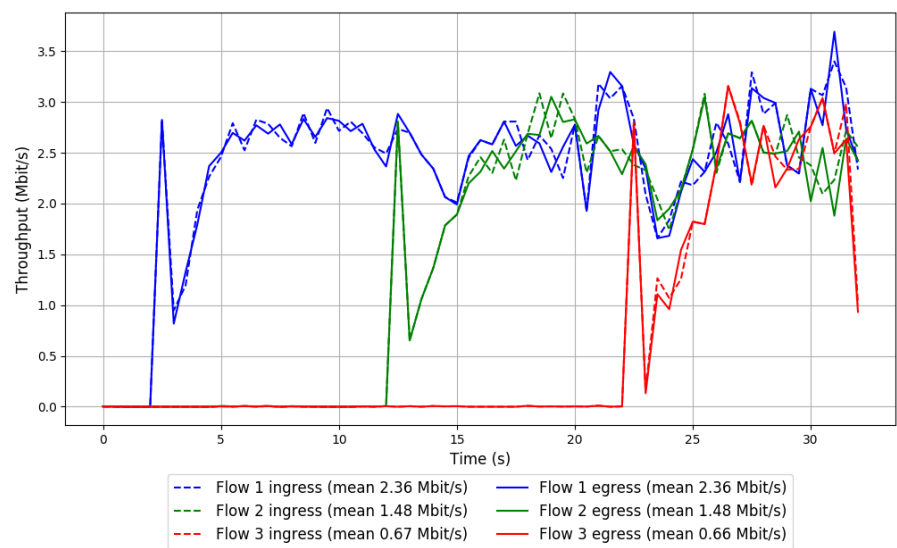


Run 2: Statistics of WebRTC media

Start at: 2018-03-21 00:12:55
End at: 2018-03-21 00:13:25
Local clock offset: -3.352 ms
Remote clock offset: -4.604 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 15.408 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 15.308 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 15.401 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 15.700 ms
Loss rate: 0.99%

Run 2: Report of WebRTC media — Data Link

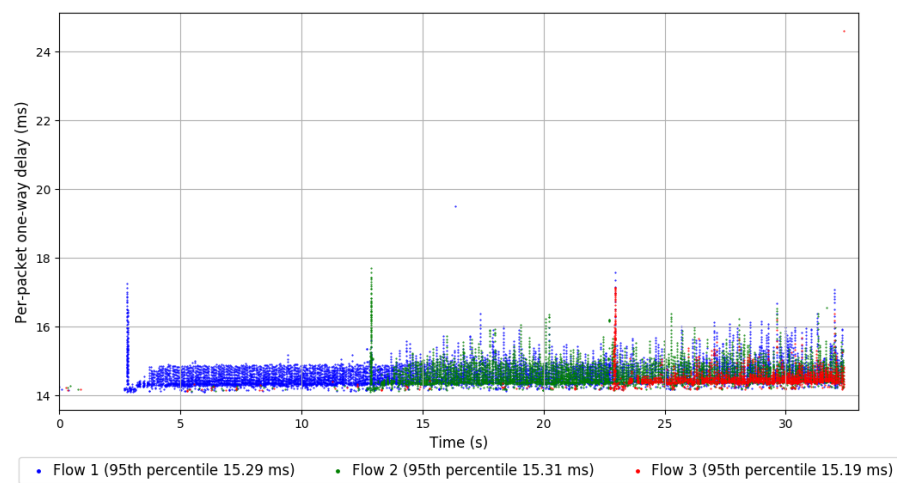
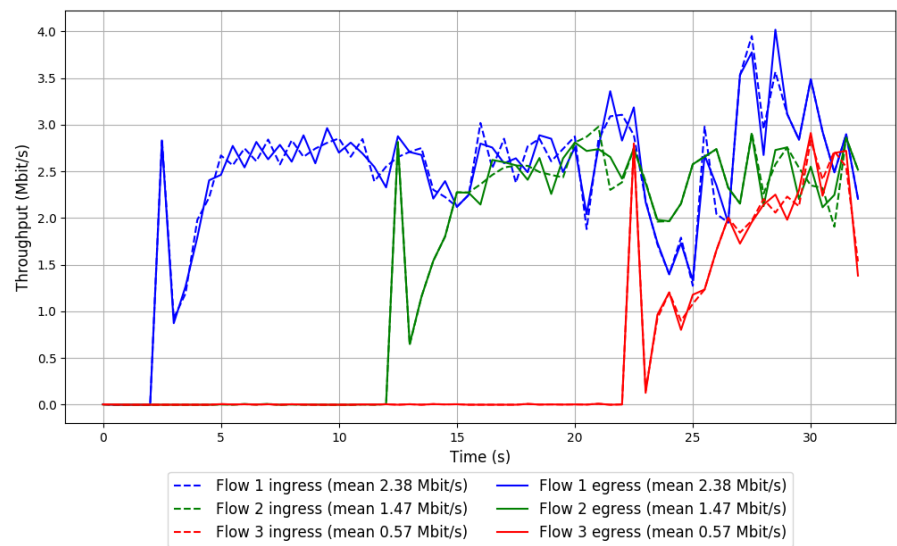


Run 3: Statistics of WebRTC media

Start at: 2018-03-21 00:34:58
End at: 2018-03-21 00:35:28
Local clock offset: -2.99 ms
Remote clock offset: -3.131 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 15.289 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 15.287 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 15.312 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 15.194 ms
Loss rate: 0.48%

Run 3: Report of WebRTC media — Data Link

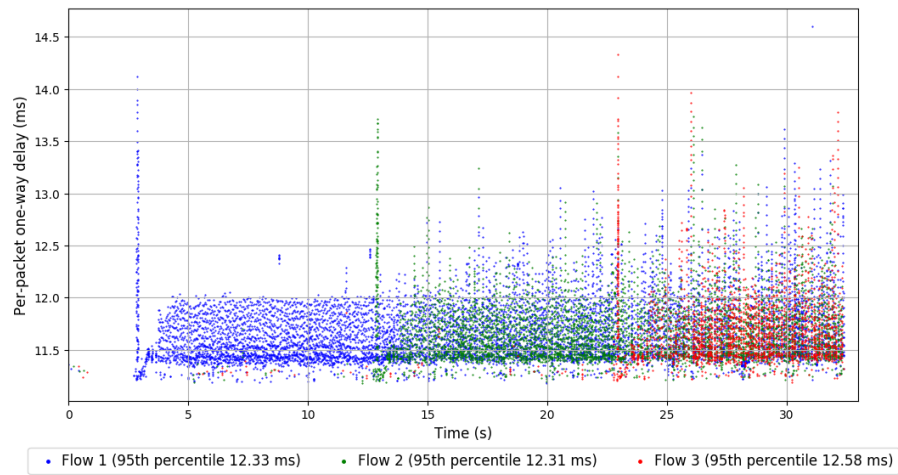
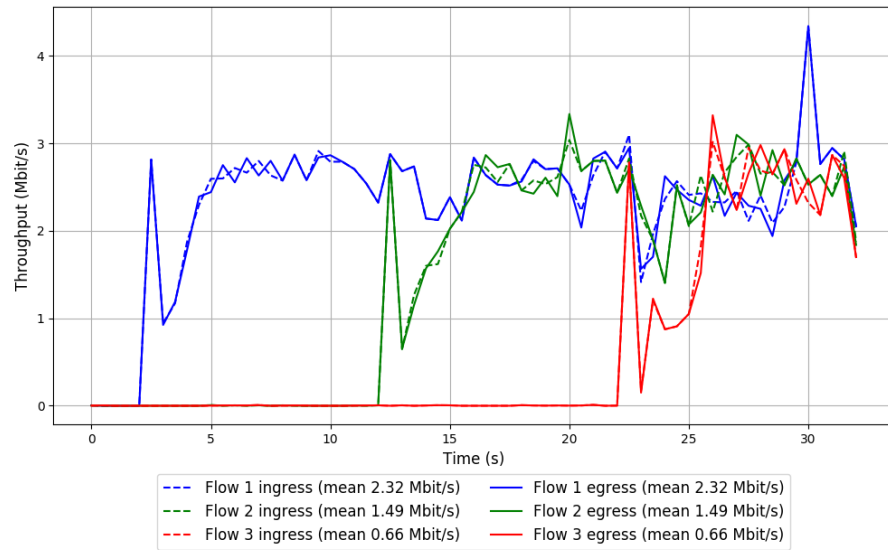


Run 4: Statistics of WebRTC media

Start at: 2018-03-21 00:56:21
End at: 2018-03-21 00:56:51
Local clock offset: -5.174 ms
Remote clock offset: -0.955 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 12.348 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 12.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 12.315 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 12.577 ms
Loss rate: 0.32%

Run 4: Report of WebRTC media — Data Link

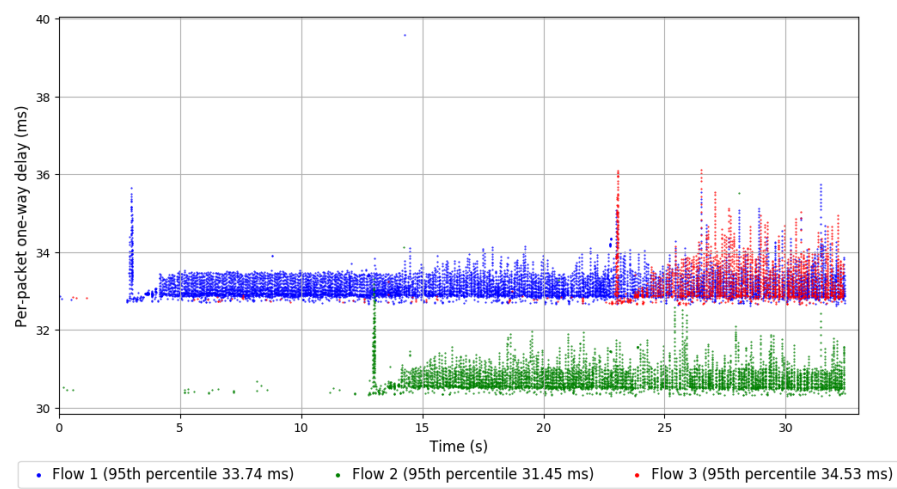
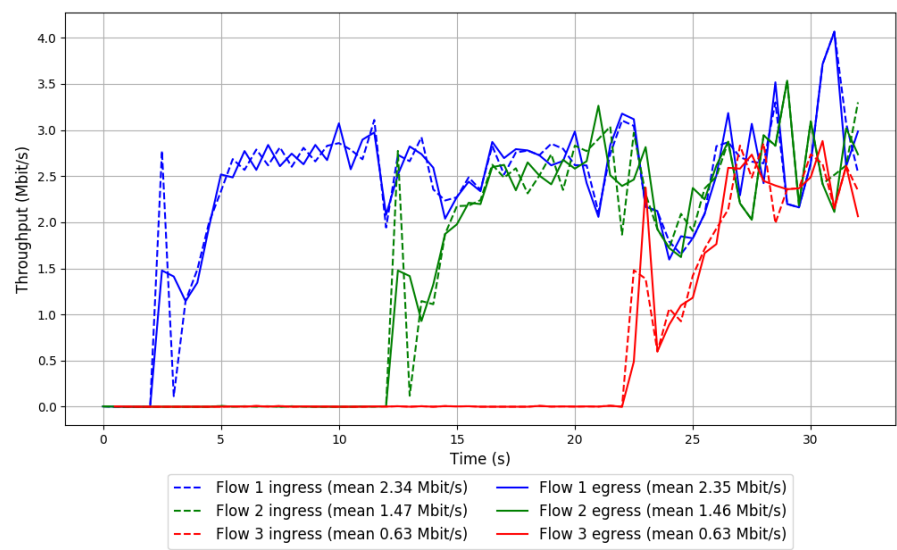


Run 5: Statistics of WebRTC media

Start at: 2018-03-21 01:17:45
End at: 2018-03-21 01:18:15
Local clock offset: -4.316 ms
Remote clock offset: -5.062 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 33.804 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 33.743 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 31.451 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 34.528 ms
Loss rate: 0.70%

Run 5: Report of WebRTC media — Data Link

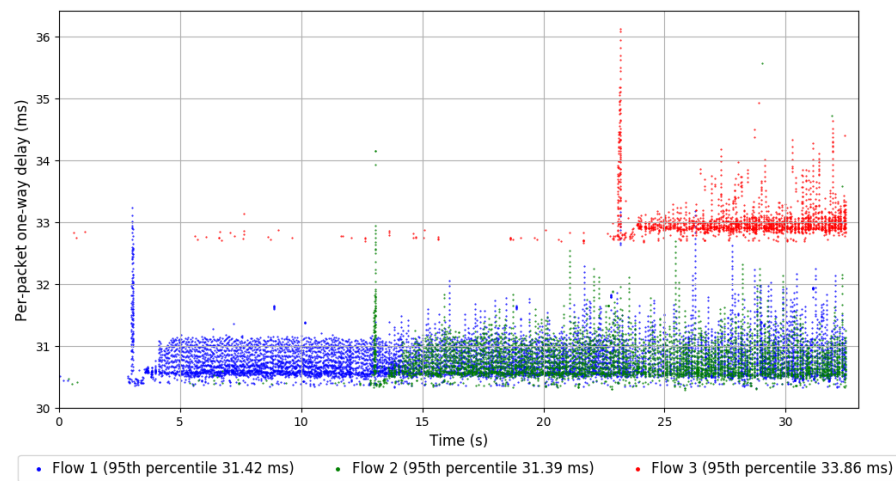
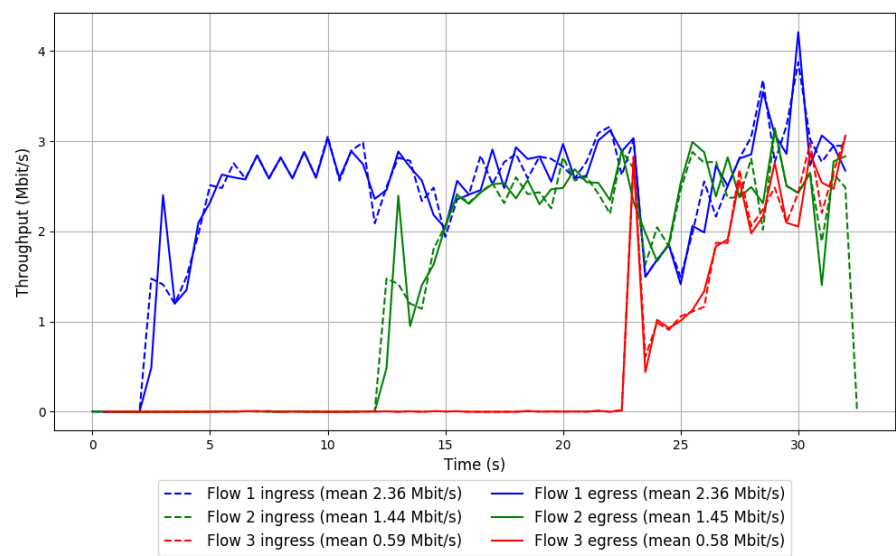


Run 6: Statistics of WebRTC media

Start at: 2018-03-21 01:39:01
End at: 2018-03-21 01:39:31
Local clock offset: -4.815 ms
Remote clock offset: -7.913 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.36 Mbit/s
95th percentile per-packet one-way delay: 33.004 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 31.422 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 31.389 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 33.862 ms
Loss rate: 0.91%

Run 6: Report of WebRTC media — Data Link

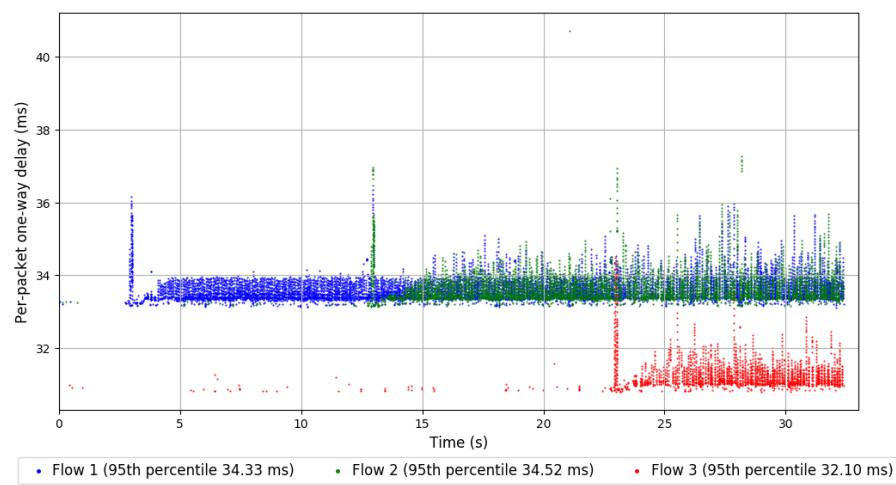
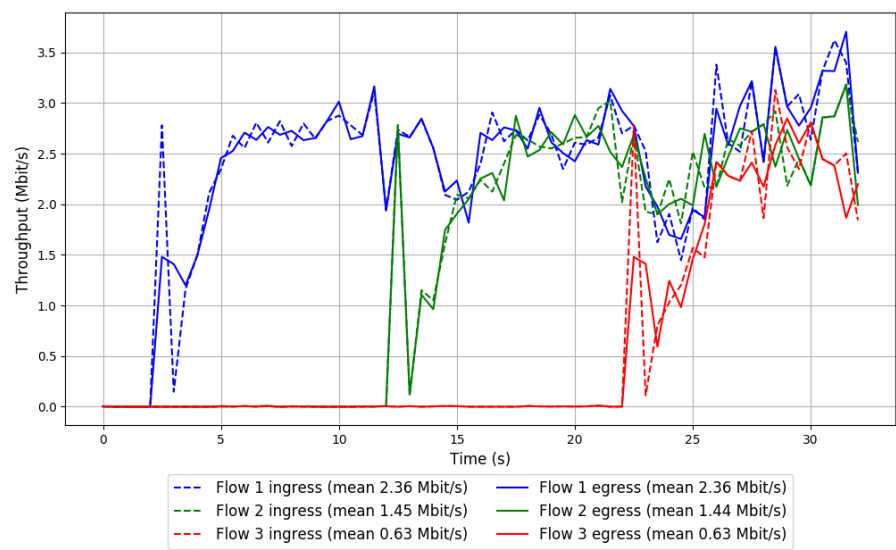


Run 7: Statistics of WebRTC media

Start at: 2018-03-21 02:00:57
End at: 2018-03-21 02:01:27
Local clock offset: -2.939 ms
Remote clock offset: -6.465 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 34.338 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 34.329 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 34.521 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 32.098 ms
Loss rate: 0.69%

Run 7: Report of WebRTC media — Data Link

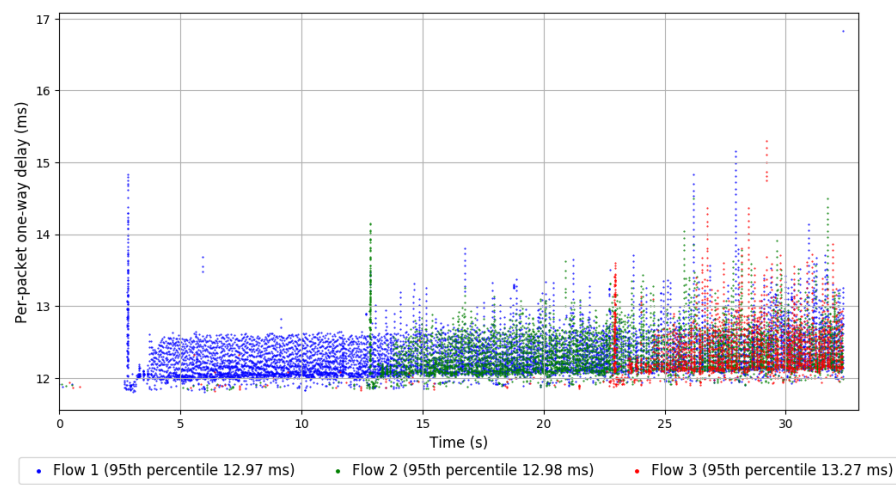
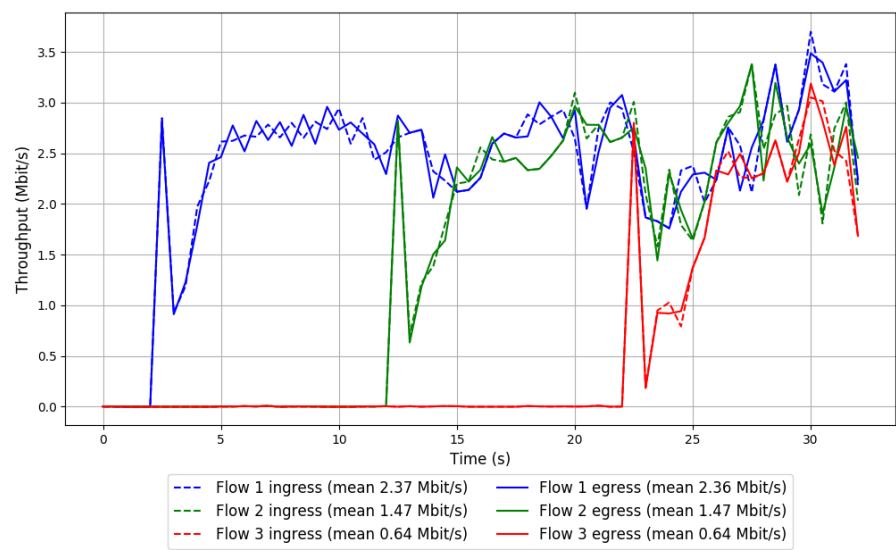


Run 8: Statistics of WebRTC media

Start at: 2018-03-21 02:22:29
End at: 2018-03-21 02:22:59
Local clock offset: -5.219 ms
Remote clock offset: -5.194 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 13.029 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 12.968 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 12.983 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 13.265 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

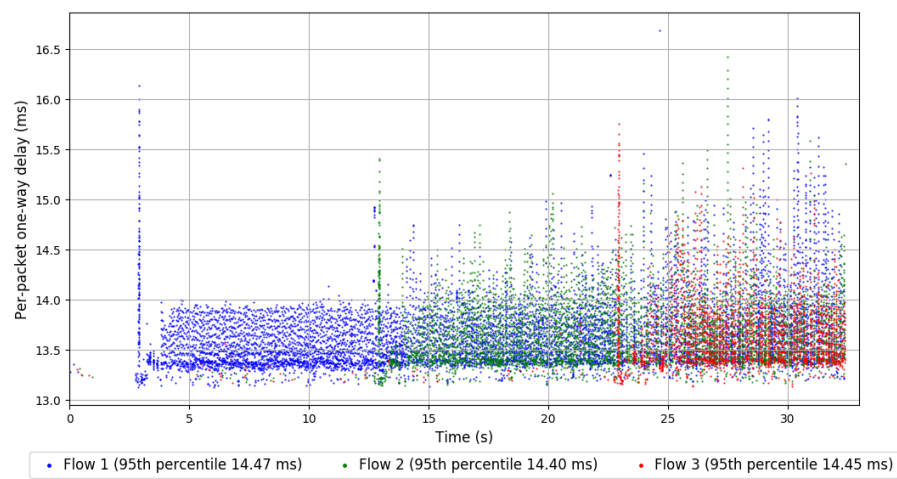
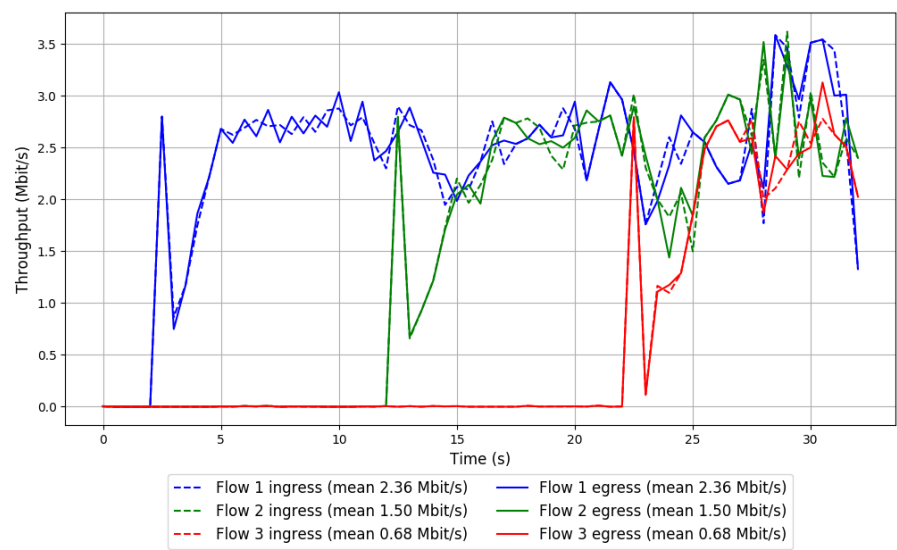


Run 9: Statistics of WebRTC media

Start at: 2018-03-21 02:44:19
End at: 2018-03-21 02:44:49
Local clock offset: -3.895 ms
Remote clock offset: -2.984 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.50 Mbit/s
95th percentile per-packet one-way delay: 14.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 14.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 14.399 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 14.454 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

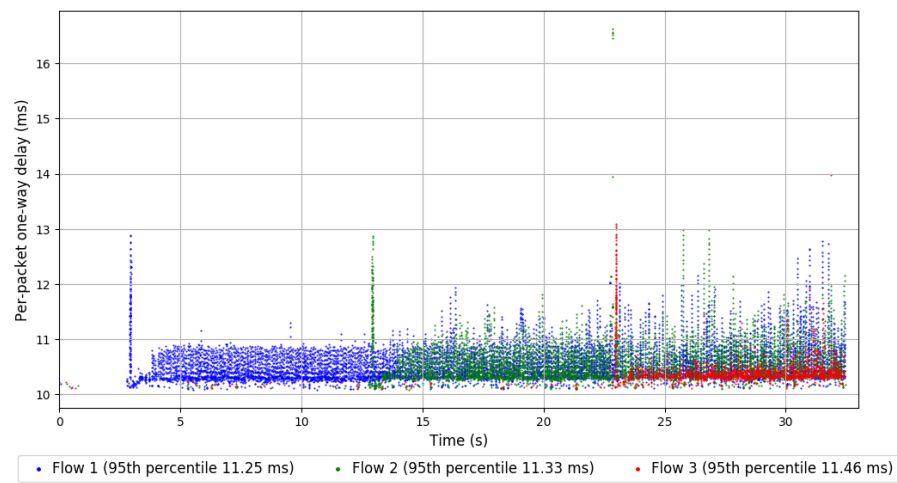
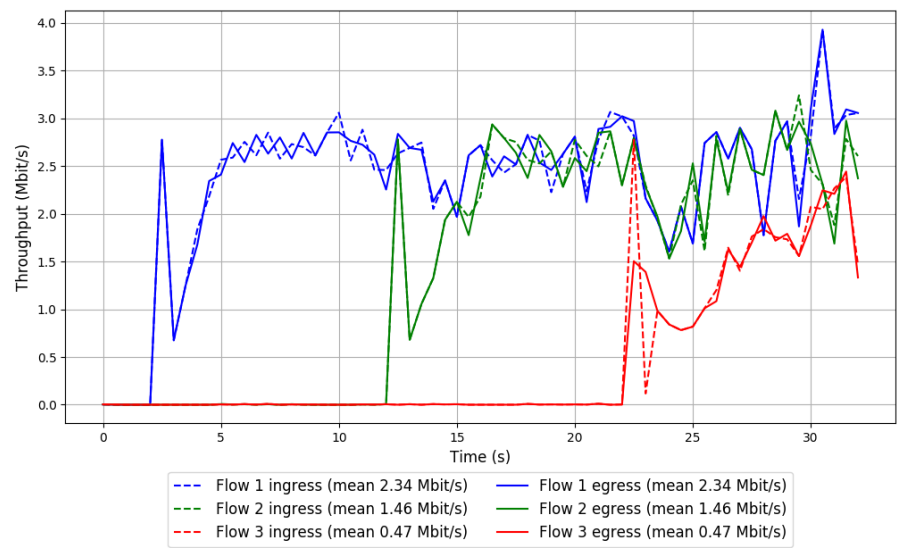


Run 10: Statistics of WebRTC media

Start at: 2018-03-21 03:05:36
End at: 2018-03-21 03:06:06
Local clock offset: -12.084 ms
Remote clock offset: -4.645 ms

Below is generated by plot.py at 2018-03-21 07:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 11.292 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 11.327 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 11.457 ms
Loss rate: 0.44%

Run 10: Report of WebRTC media — Data Link

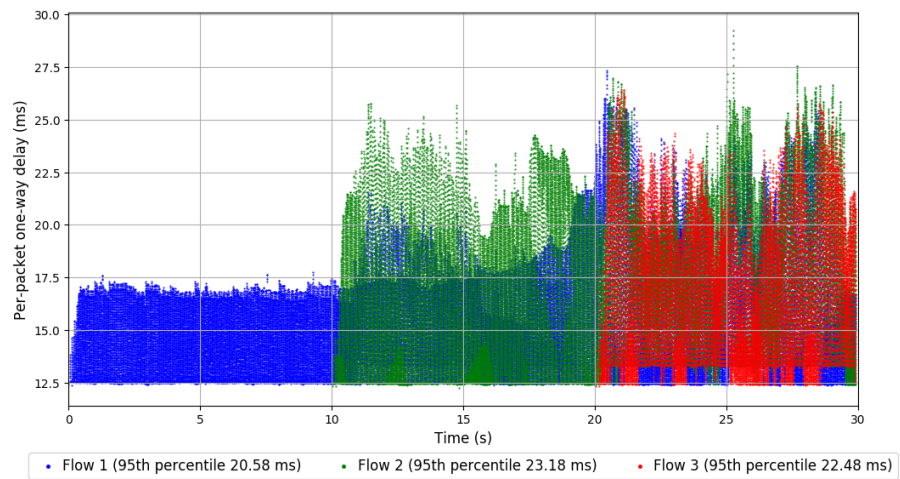
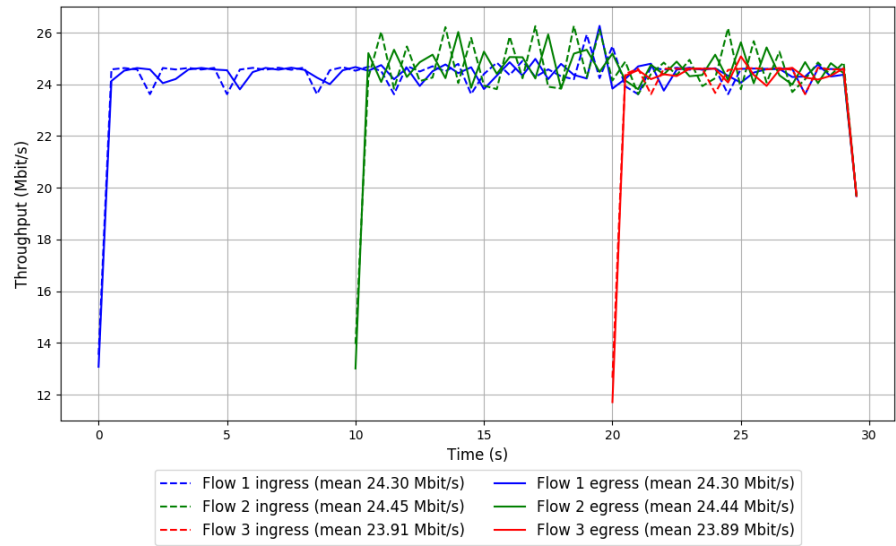


Run 1: Statistics of Sprout

Start at: 2018-03-20 23:48:58
End at: 2018-03-20 23:49:28
Local clock offset: -5.636 ms
Remote clock offset: -7.696 ms

Below is generated by plot.py at 2018-03-21 07:07:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 22.233 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 20.581 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 23.182 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 22.483 ms
Loss rate: 0.21%

Run 1: Report of Sprout — Data Link

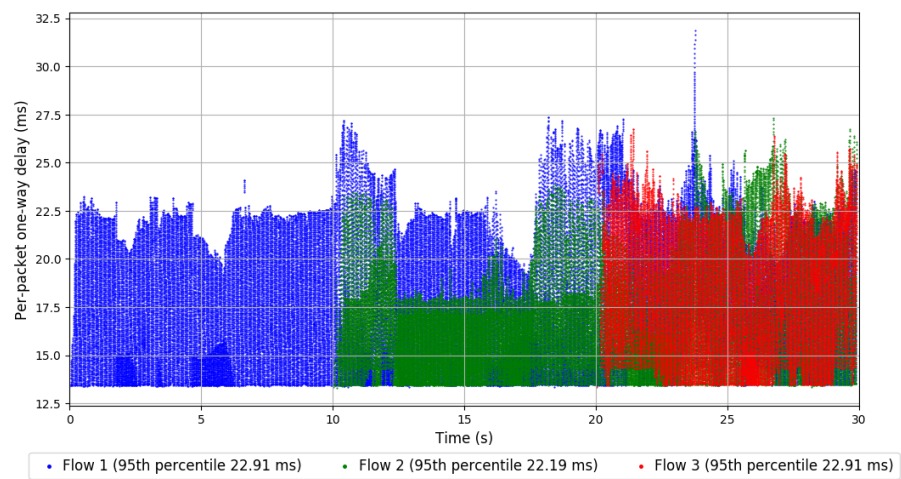
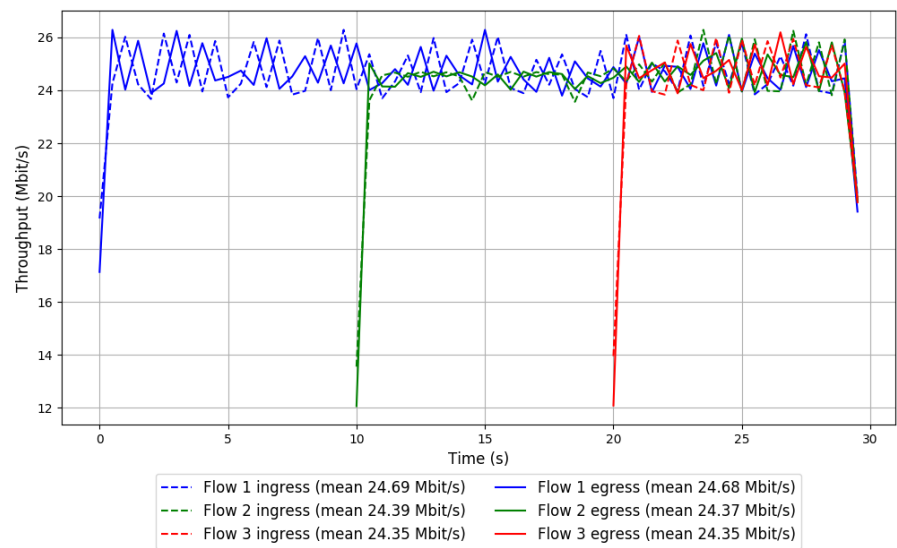


Run 2: Statistics of Sprout

Start at: 2018-03-21 00:10:30
End at: 2018-03-21 00:11:00
Local clock offset: -4.124 ms
Remote clock offset: -4.786 ms

```
# Below is generated by plot.py at 2018-03-21 07:07:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.89 Mbit/s
95th percentile per-packet one-way delay: 22.677 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 22.910 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 22.188 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 22.908 ms
Loss rate: 0.09%
```

Run 2: Report of Sprout — Data Link

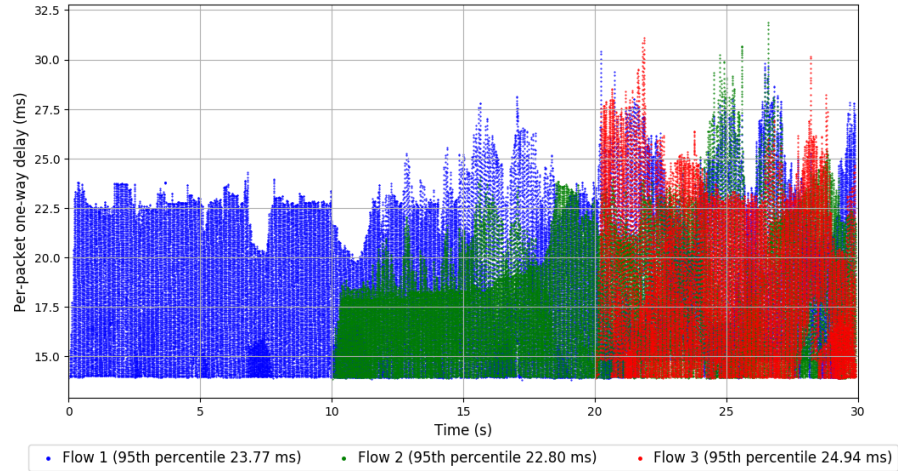
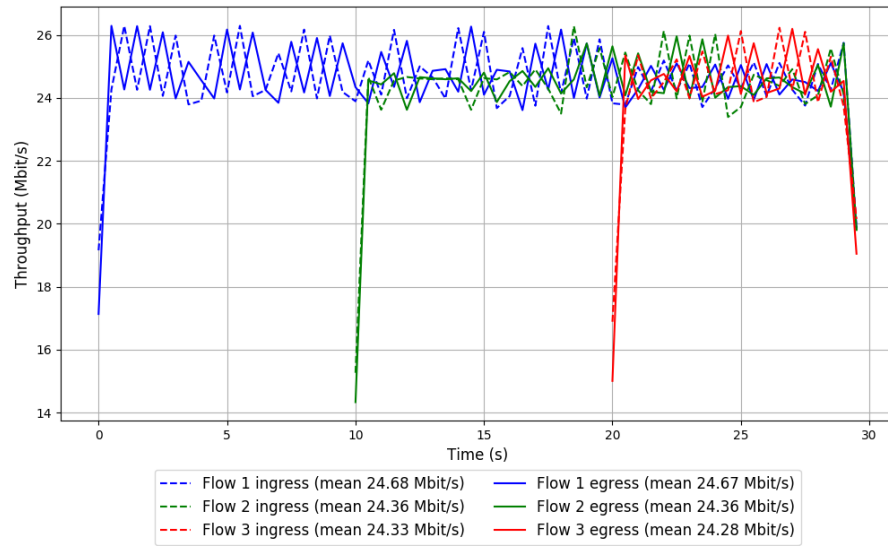


Run 3: Statistics of Sprout

Start at: 2018-03-21 00:32:32
End at: 2018-03-21 00:33:02
Local clock offset: -2.961 ms
Remote clock offset: -2.945 ms

```
# Below is generated by plot.py at 2018-03-21 07:07:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 23.763 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 23.768 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 22.804 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 24.942 ms
Loss rate: 0.36%
```


Run 3: Report of Sprout — Data Link

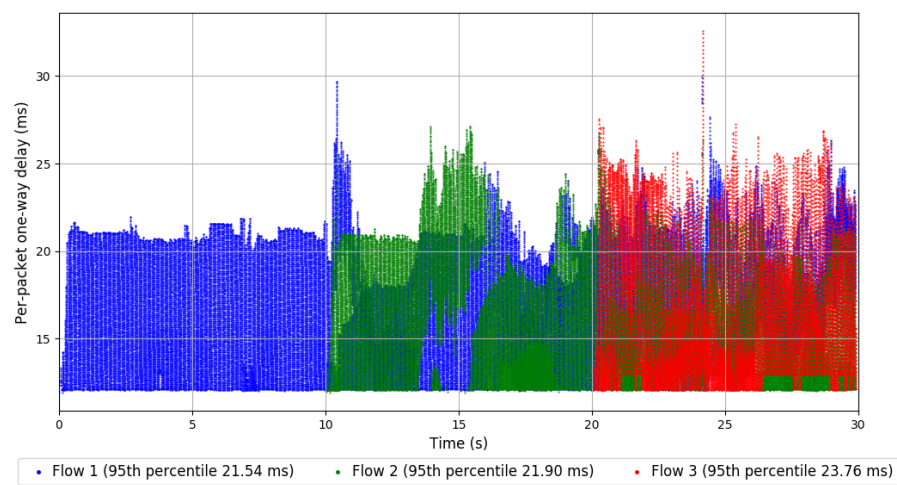
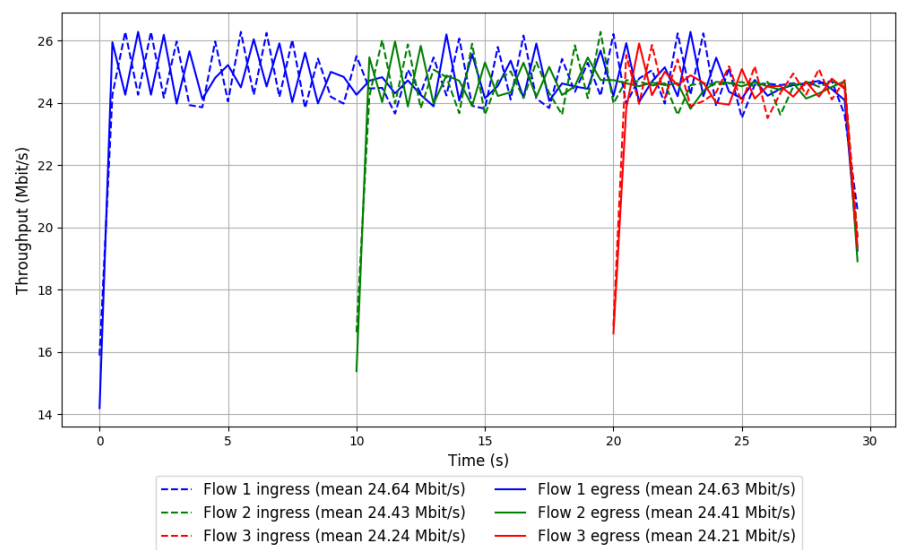


Run 4: Statistics of Sprout

Start at: 2018-03-21 00:54:03
End at: 2018-03-21 00:54:33
Local clock offset: -5.021 ms
Remote clock offset: -1.506 ms

```
# Below is generated by plot.py at 2018-03-21 07:07:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 22.247 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 21.543 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 21.898 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 23.759 ms
Loss rate: 0.30%
```

Run 4: Report of Sprout — Data Link

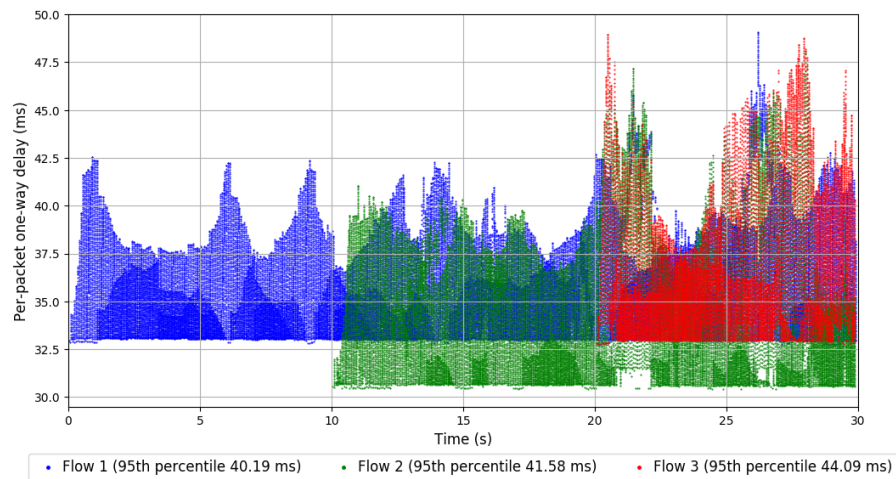
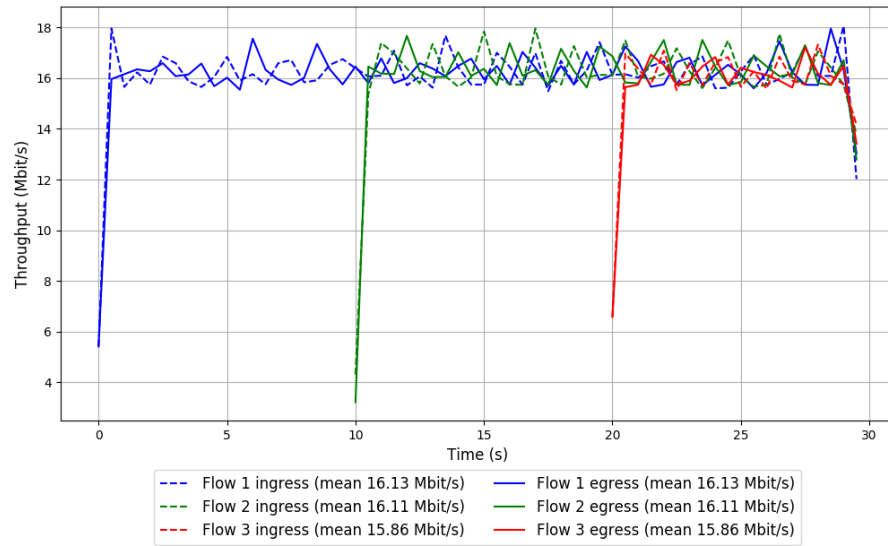


Run 5: Statistics of Sprout

Start at: 2018-03-21 01:15:22
End at: 2018-03-21 01:15:52
Local clock offset: -4.325 ms
Remote clock offset: -4.67 ms

Below is generated by plot.py at 2018-03-21 07:07:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 41.457 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 40.192 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 16.11 Mbit/s
95th percentile per-packet one-way delay: 41.582 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 44.087 ms
Loss rate: 0.62%

Run 5: Report of Sprout — Data Link

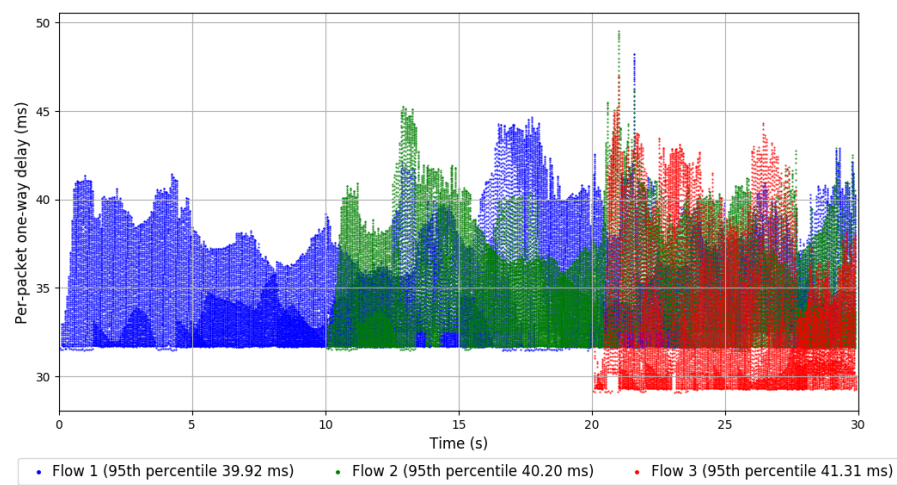
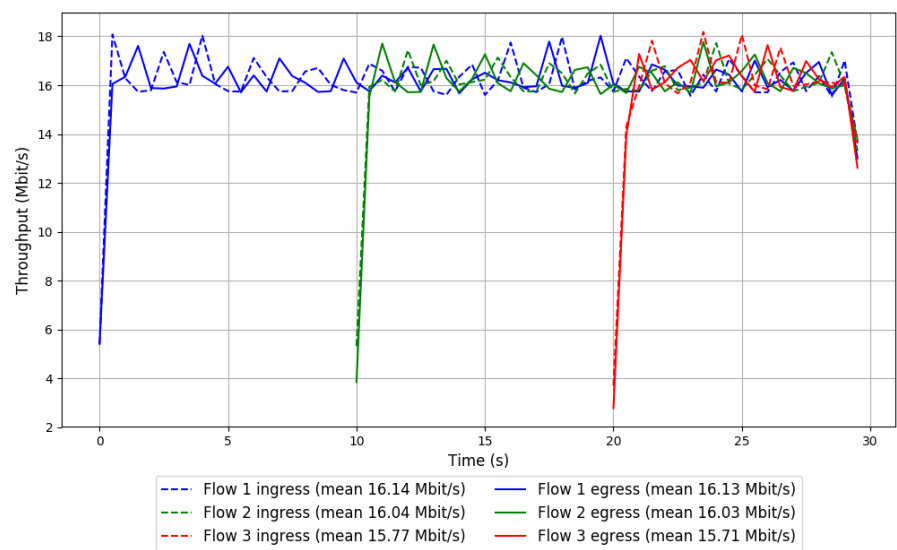


Run 6: Statistics of Sprout

Start at: 2018-03-21 01:36:39
End at: 2018-03-21 01:37:09
Local clock offset: -4.408 ms
Remote clock offset: -6.006 ms

Below is generated by plot.py at 2018-03-21 07:07:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.97 Mbit/s
95th percentile per-packet one-way delay: 40.248 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 39.918 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 40.201 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 15.71 Mbit/s
95th percentile per-packet one-way delay: 41.312 ms
Loss rate: 0.58%

Run 6: Report of Sprout — Data Link

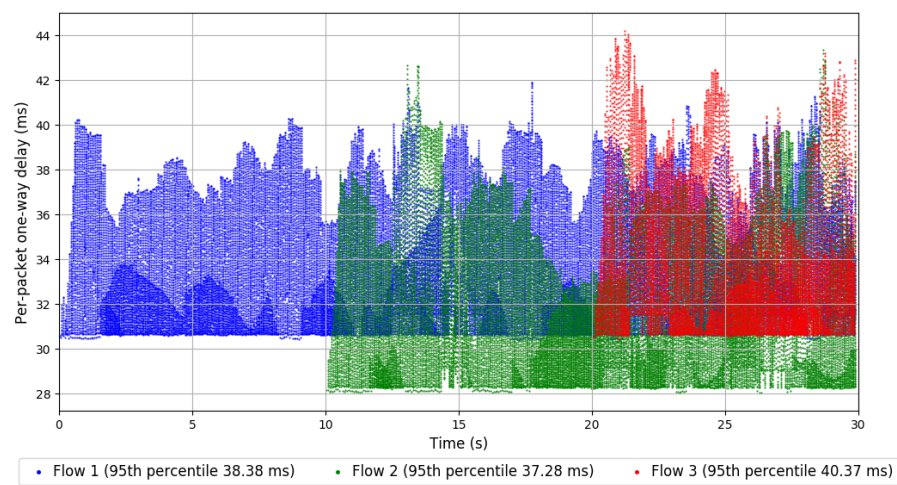
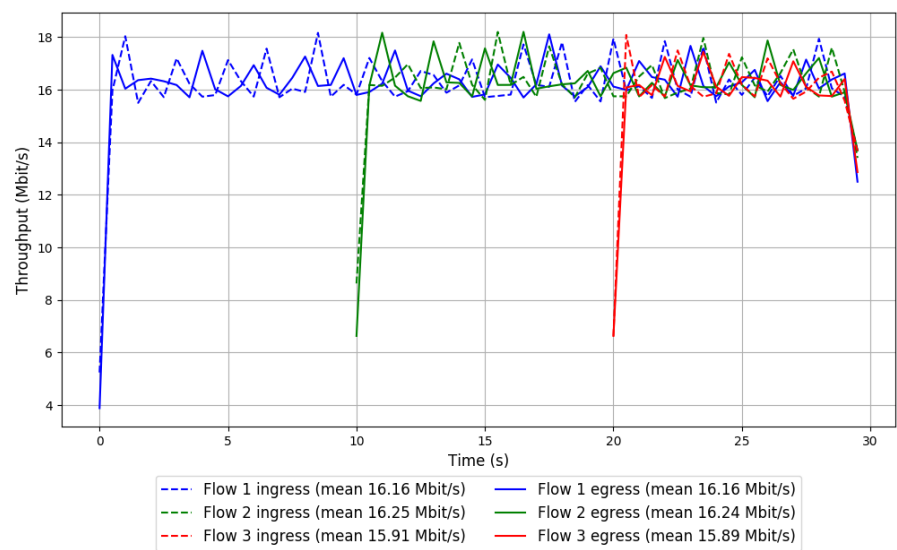


Run 7: Statistics of Sprout

Start at: 2018-03-21 01:58:34
End at: 2018-03-21 01:59:04
Local clock offset: -6.056 ms
Remote clock offset: -6.748 ms

Below is generated by plot.py at 2018-03-21 07:07:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.18 Mbit/s
95th percentile per-packet one-way delay: 38.490 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 16.16 Mbit/s
95th percentile per-packet one-way delay: 38.379 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 16.24 Mbit/s
95th percentile per-packet one-way delay: 37.280 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 40.367 ms
Loss rate: 0.62%

Run 7: Report of Sprout — Data Link

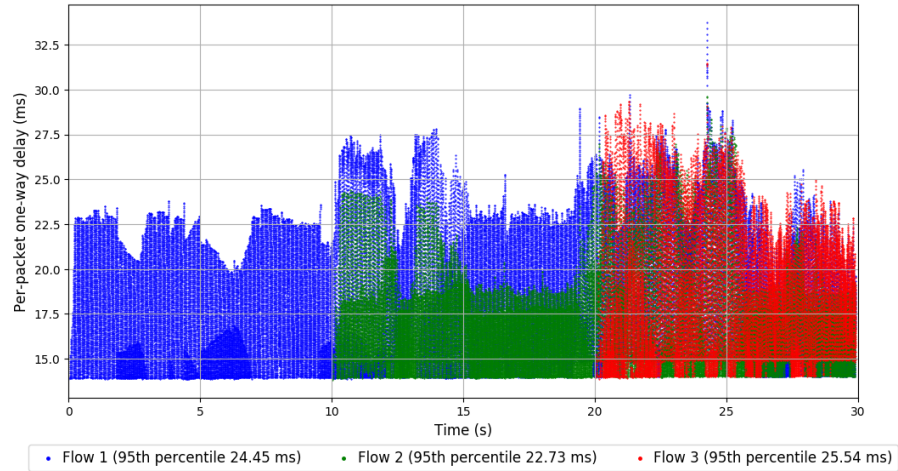
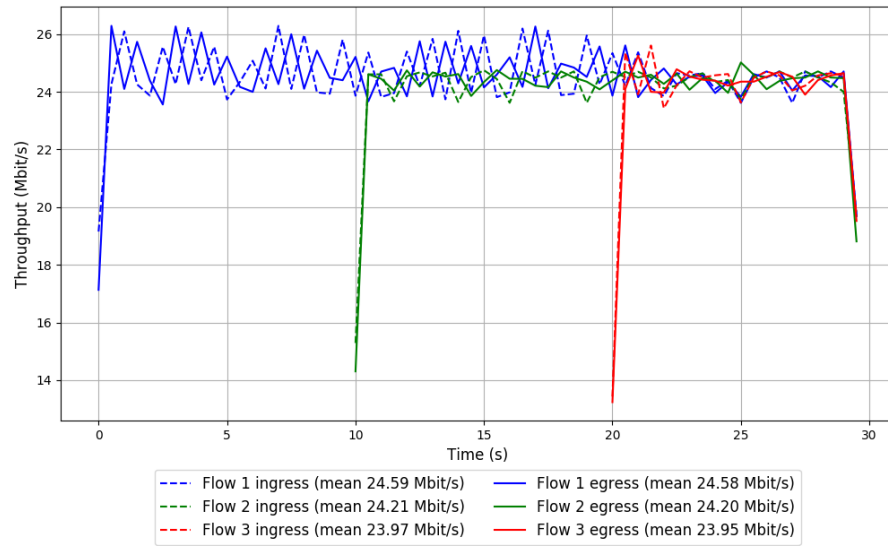


Run 8: Statistics of Sprout

Start at: 2018-03-21 02:20:09
End at: 2018-03-21 02:20:39
Local clock offset: -3.614 ms
Remote clock offset: -6.149 ms

Below is generated by plot.py at 2018-03-21 07:07:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.57 Mbit/s
95th percentile per-packet one-way delay: 24.245 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 24.445 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 22.728 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 25.536 ms
Loss rate: 0.24%

Run 8: Report of Sprout — Data Link

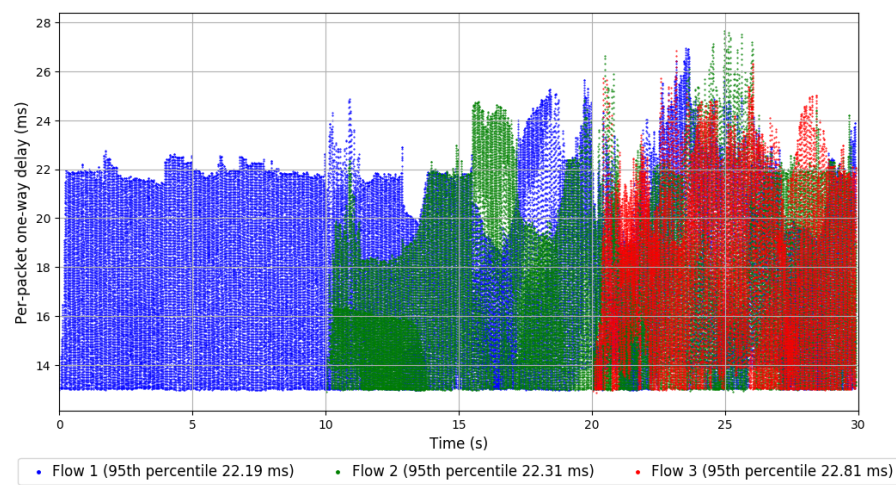
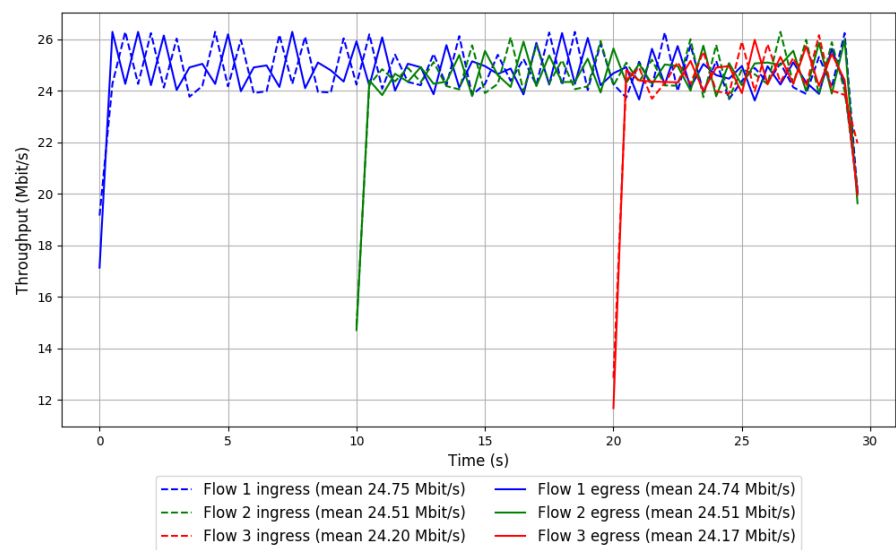


Run 9: Statistics of Sprout

Start at: 2018-03-21 02:41:57
End at: 2018-03-21 02:42:27
Local clock offset: -3.827 ms
Remote clock offset: -2.648 ms

Below is generated by plot.py at 2018-03-21 07:07:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.99 Mbit/s
95th percentile per-packet one-way delay: 22.353 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 22.187 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 24.51 Mbit/s
95th percentile per-packet one-way delay: 22.311 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 22.811 ms
Loss rate: 0.42%

Run 9: Report of Sprout — Data Link

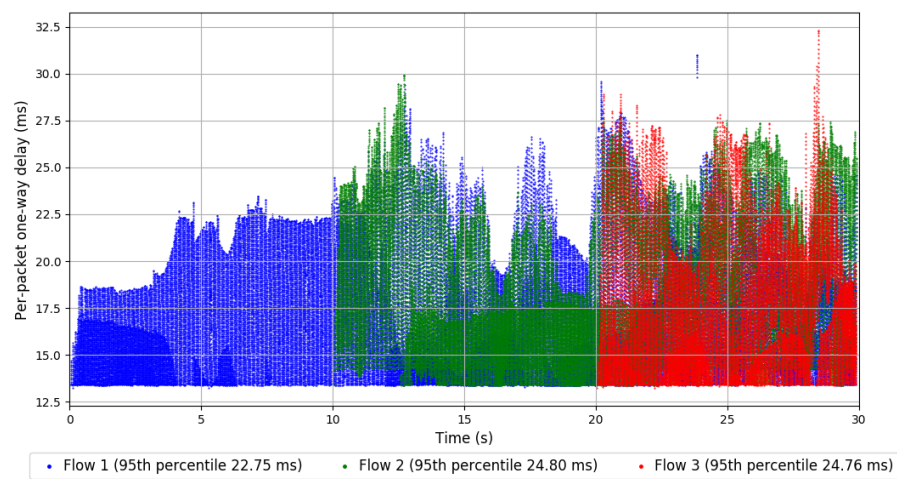
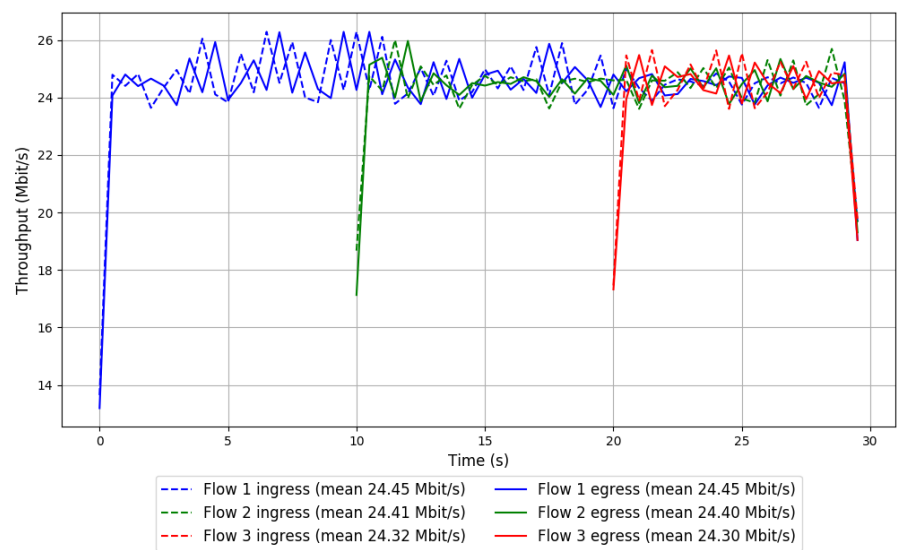


Run 10: Statistics of Sprout

Start at: 2018-03-21 03:03:17
End at: 2018-03-21 03:03:47
Local clock offset: -9.264 ms
Remote clock offset: -5.008 ms

Below is generated by plot.py at 2018-03-21 07:07:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.68 Mbit/s
95th percentile per-packet one-way delay: 24.017 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 22.745 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 24.795 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 24.764 ms
Loss rate: 0.41%

Run 10: Report of Sprout — Data Link

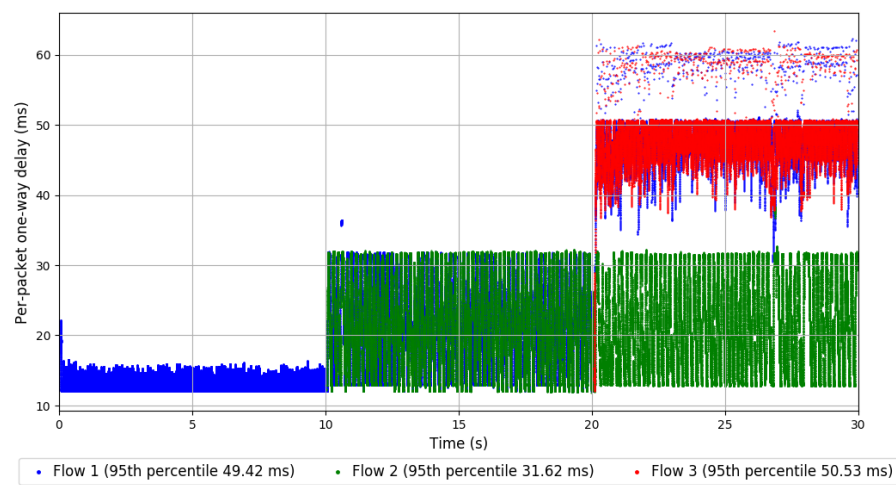
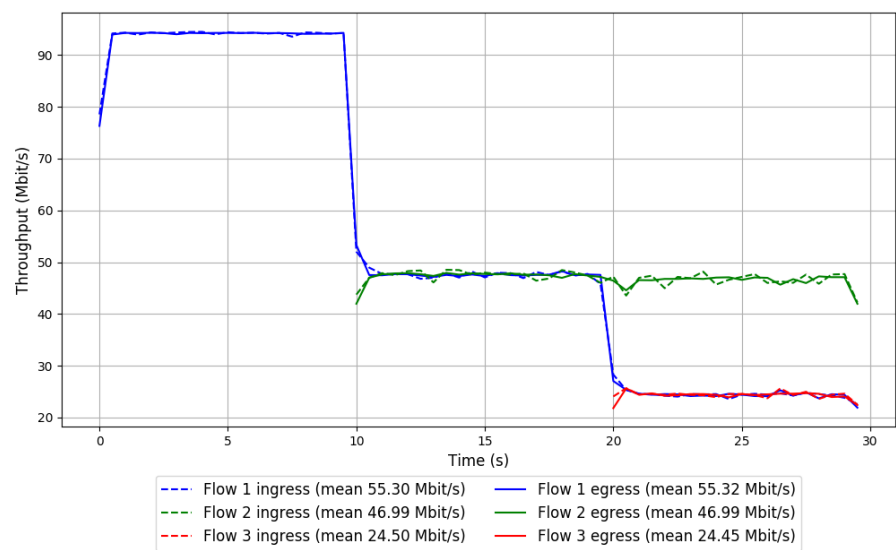


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-20 23:57:00
End at: 2018-03-20 23:57:30
Local clock offset: -6.596 ms
Remote clock offset: -9.489 ms

# Below is generated by plot.py at 2018-03-21 07:09:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 49.843 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 49.416 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 46.99 Mbit/s
95th percentile per-packet one-way delay: 31.624 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 50.535 ms
Loss rate: 0.60%
```


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

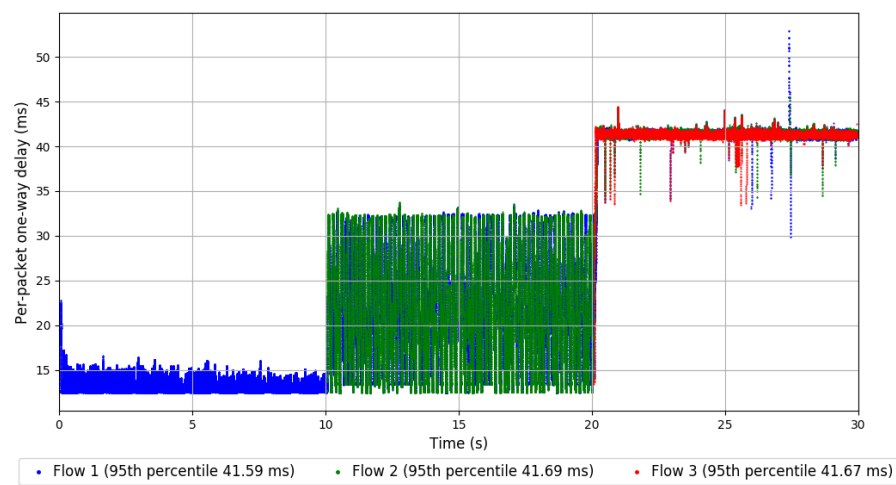
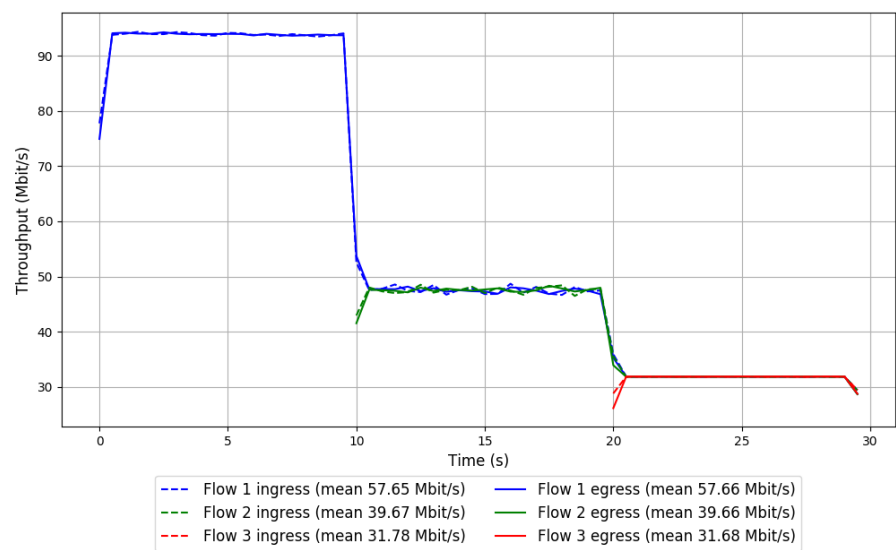


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-21 00:18:55
End at: 2018-03-21 00:19:25
Local clock offset: -4.743 ms
Remote clock offset: -3.611 ms

Below is generated by plot.py at 2018-03-21 07:09:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 41.638 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 41.594 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 41.690 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 41.672 ms
Loss rate: 0.52%

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

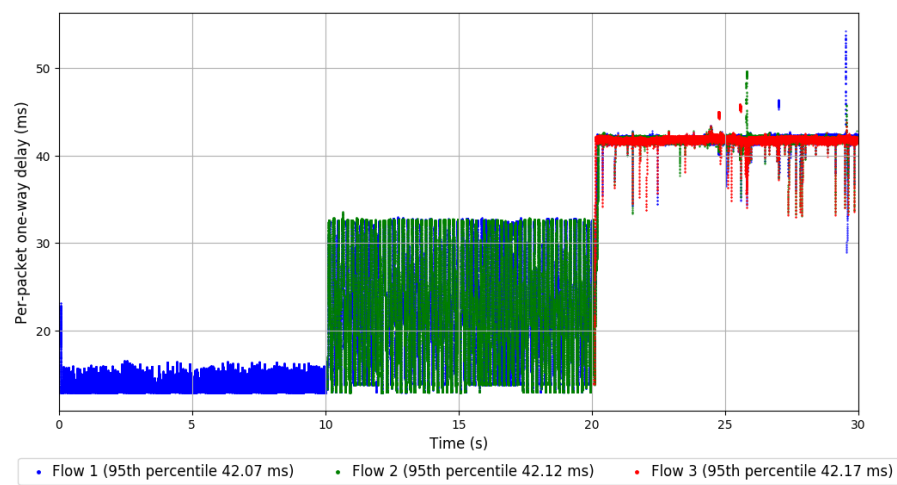
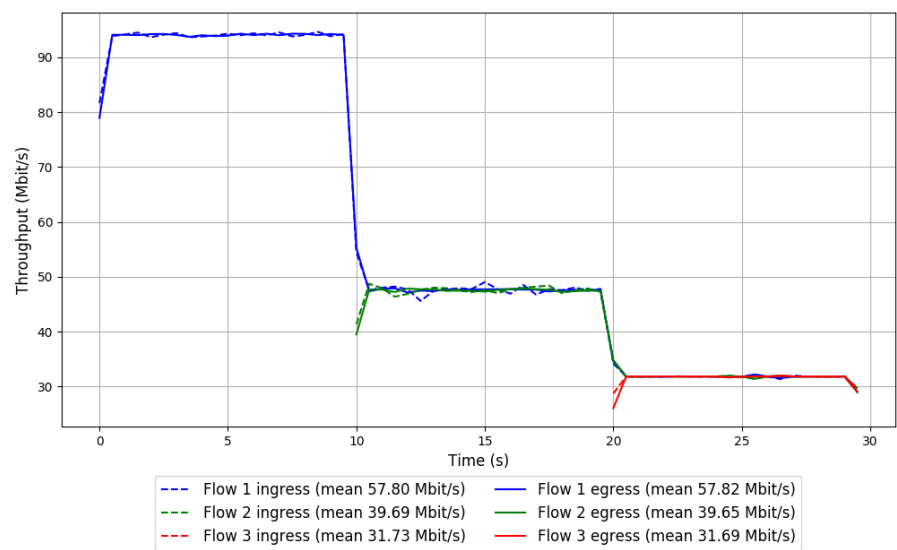


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-21 00:40:44
End at: 2018-03-21 00:41:14
Local clock offset: -3.459 ms
Remote clock offset: -1.602 ms

Below is generated by plot.py at 2018-03-21 07:09:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 42.108 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 42.070 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 42.122 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.69 Mbit/s
95th percentile per-packet one-way delay: 42.169 ms
Loss rate: 0.53%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-21 01:02:08

End at: 2018-03-21 01:02:38

Local clock offset: -3.649 ms

Remote clock offset: -1.13 ms

Below is generated by plot.py at 2018-03-21 07:09:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.66 Mbit/s

95th percentile per-packet one-way delay: 42.382 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 57.75 Mbit/s

95th percentile per-packet one-way delay: 42.282 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 39.69 Mbit/s

95th percentile per-packet one-way delay: 42.356 ms

Loss rate: 0.21%

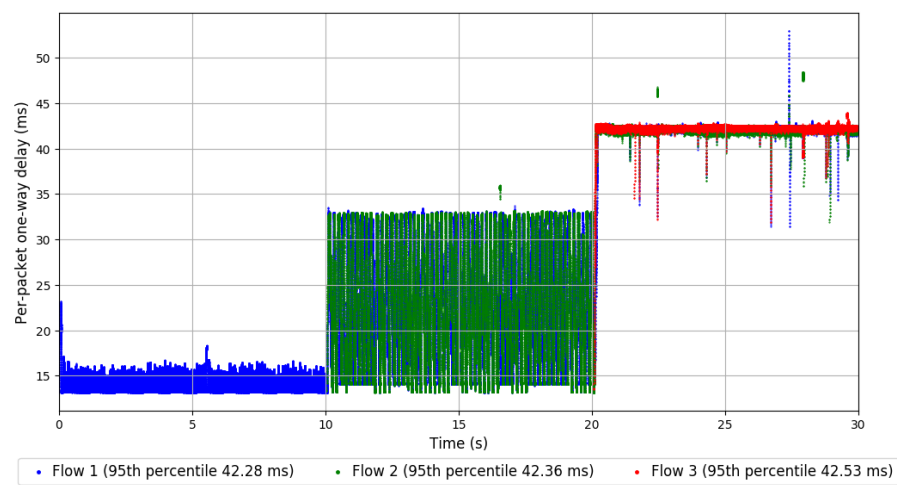
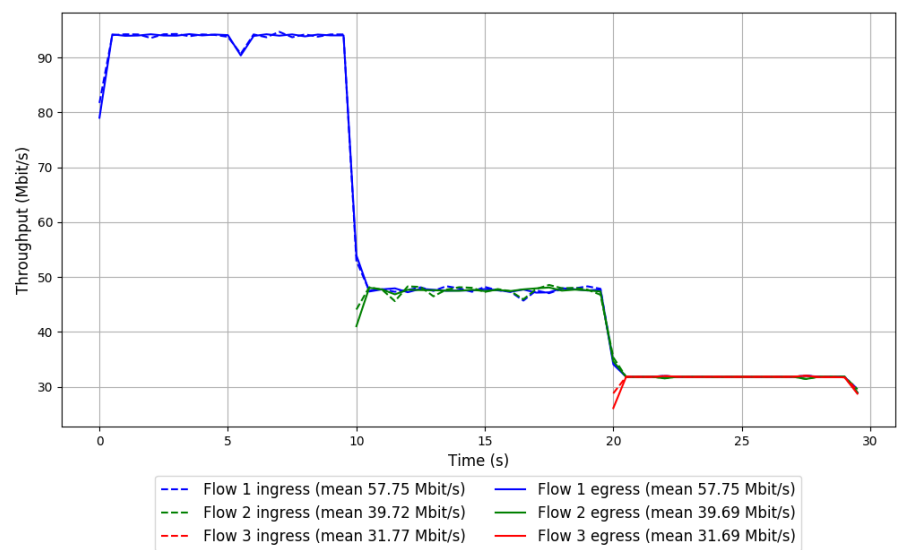
-- Flow 3:

Average throughput: 31.69 Mbit/s

95th percentile per-packet one-way delay: 42.530 ms

Loss rate: 0.53%

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

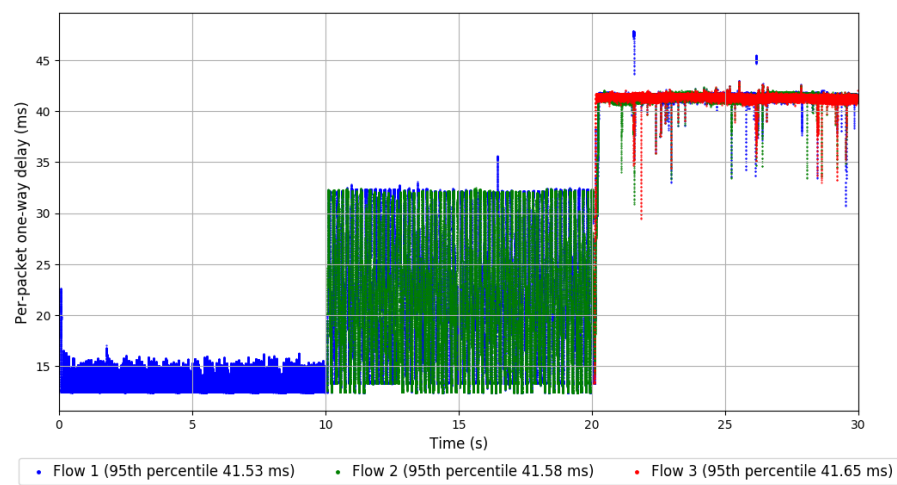
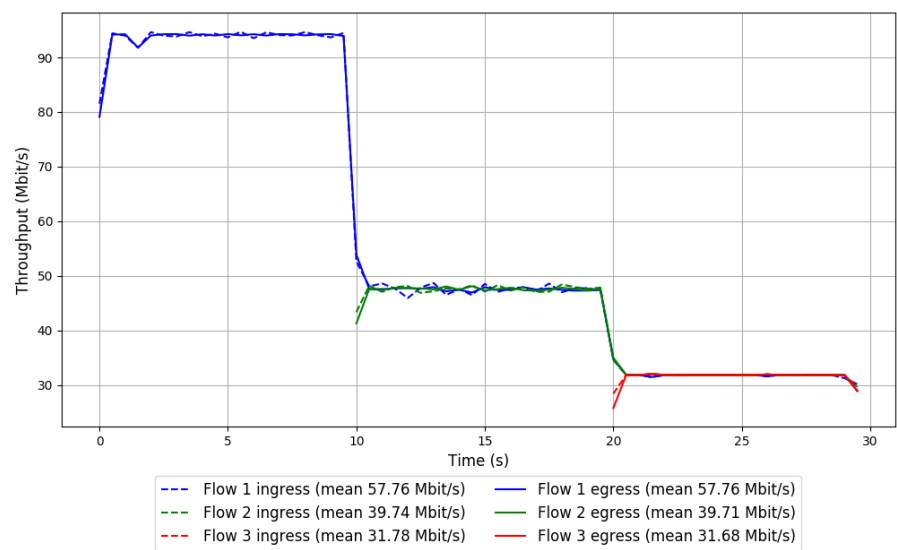


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-21 01:23:35
End at: 2018-03-21 01:24:05
Local clock offset: -5.158 ms
Remote clock offset: -5.744 ms

Below is generated by plot.py at 2018-03-21 07:09:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 41.583 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.76 Mbit/s
95th percentile per-packet one-way delay: 41.530 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.71 Mbit/s
95th percentile per-packet one-way delay: 41.580 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 41.651 ms
Loss rate: 0.52%

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

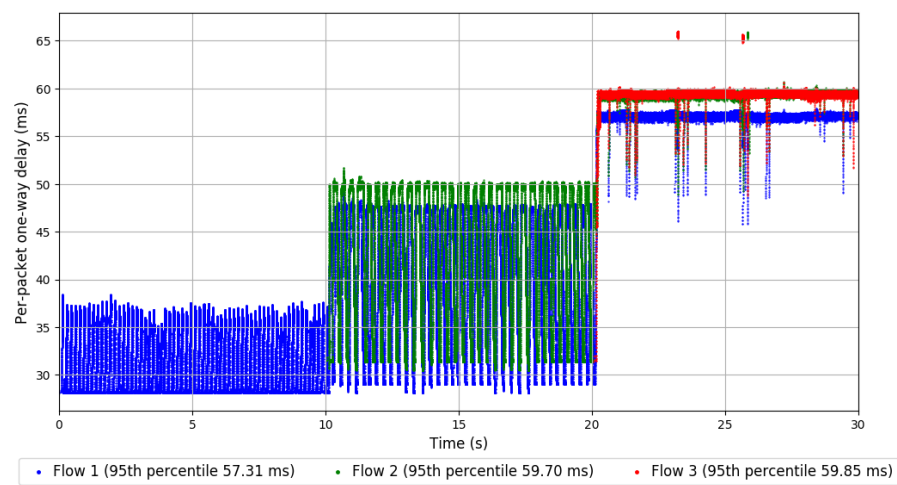
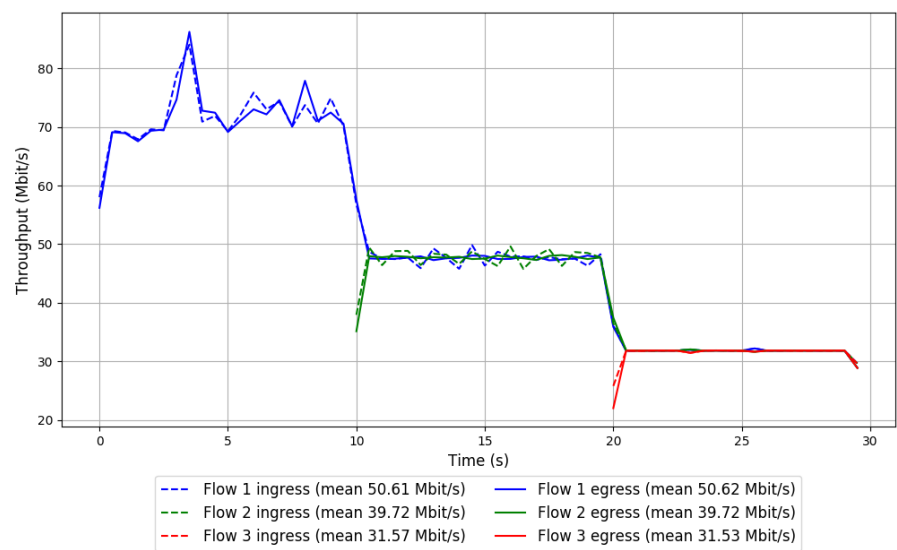


Run 6: Statistics of TaoVA-100x

Start at: 2018-03-21 01:45:00
End at: 2018-03-21 01:45:30
Local clock offset: -6.512 ms
Remote clock offset: -7.259 ms

Below is generated by plot.py at 2018-03-21 07:09:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 59.679 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 50.62 Mbit/s
95th percentile per-packet one-way delay: 57.309 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 59.703 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 31.53 Mbit/s
95th percentile per-packet one-way delay: 59.847 ms
Loss rate: 0.72%

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

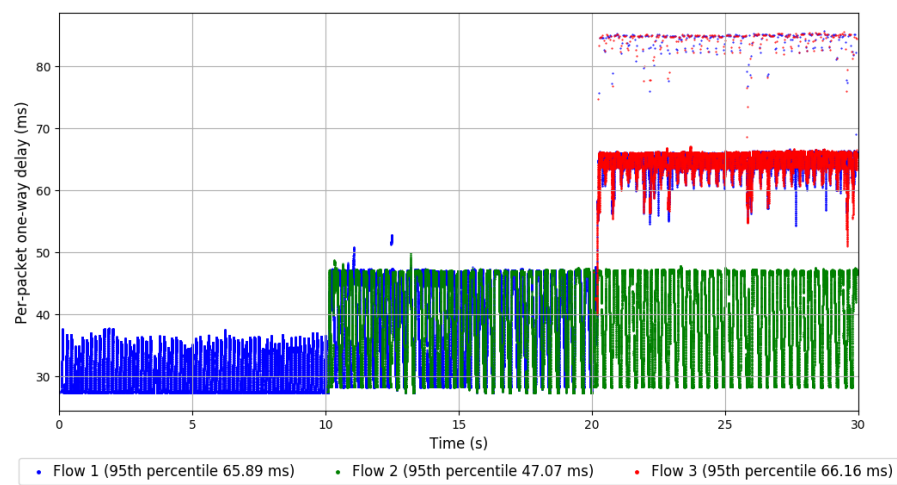
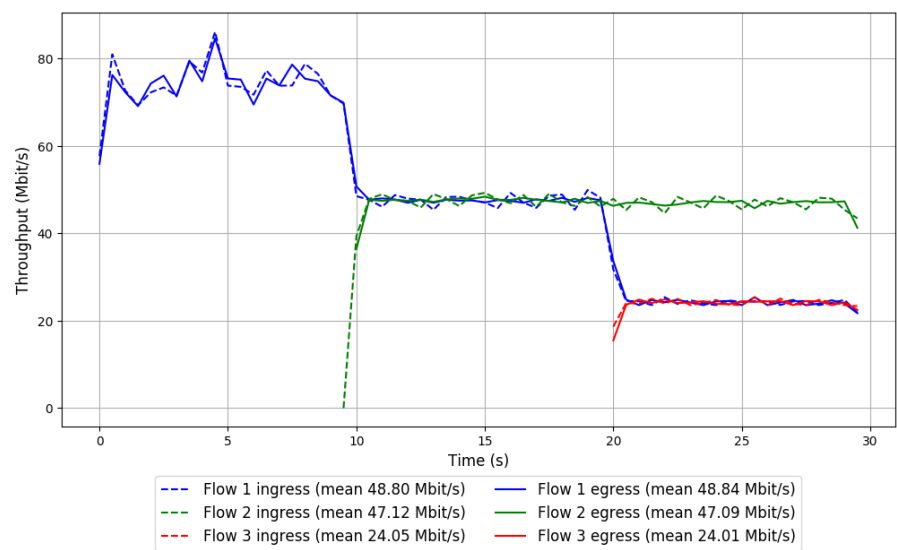


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-21 02:06:52
End at: 2018-03-21 02:07:22
Local clock offset: -7.18 ms
Remote clock offset: -7.417 ms

Below is generated by plot.py at 2018-03-21 07:10:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 65.924 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 65.895 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 47.09 Mbit/s
95th percentile per-packet one-way delay: 47.067 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 66.164 ms
Loss rate: 0.80%

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

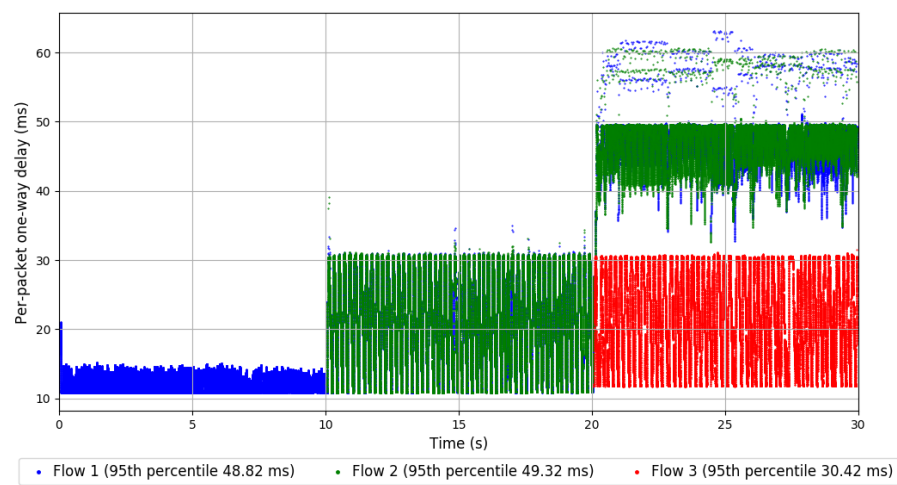
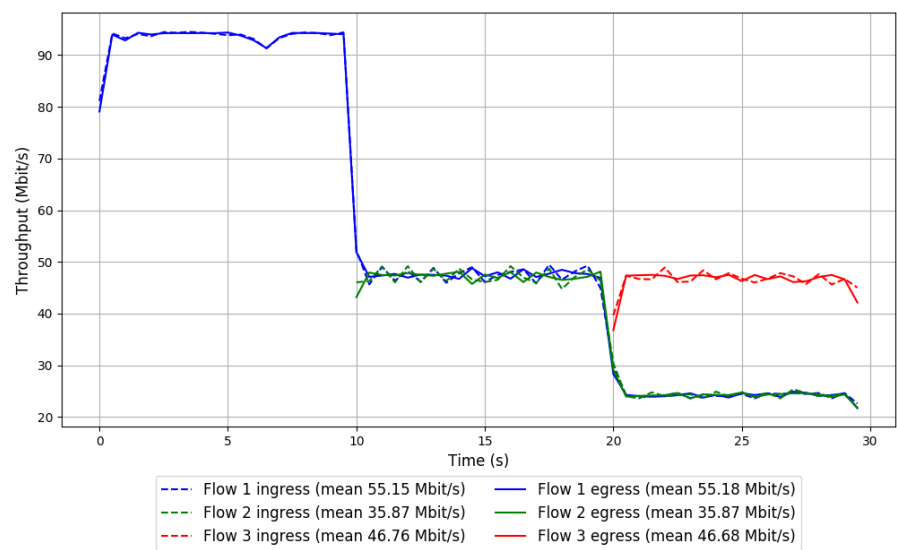


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-21 02:28:15
End at: 2018-03-21 02:28:45
Local clock offset: -4.867 ms
Remote clock offset: -2.578 ms

Below is generated by plot.py at 2018-03-21 07:10:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 49.046 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.18 Mbit/s
95th percentile per-packet one-way delay: 48.820 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 35.87 Mbit/s
95th percentile per-packet one-way delay: 49.322 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 30.424 ms
Loss rate: 0.43%

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

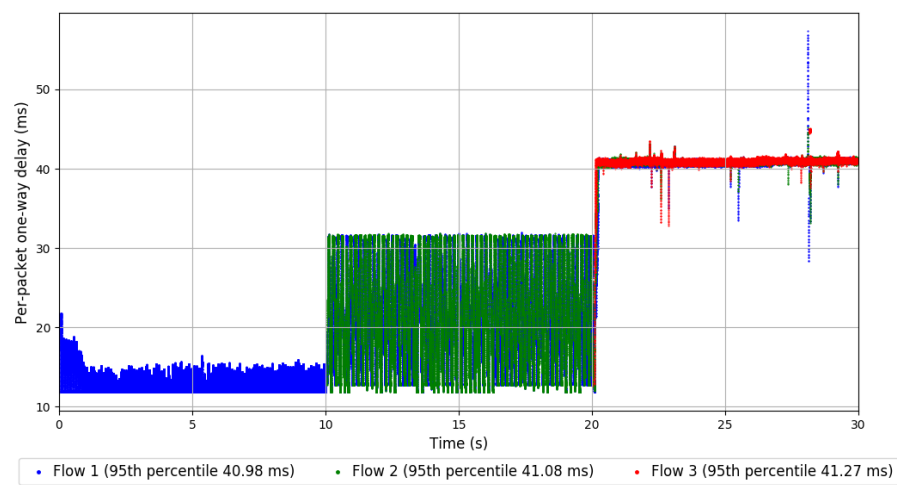
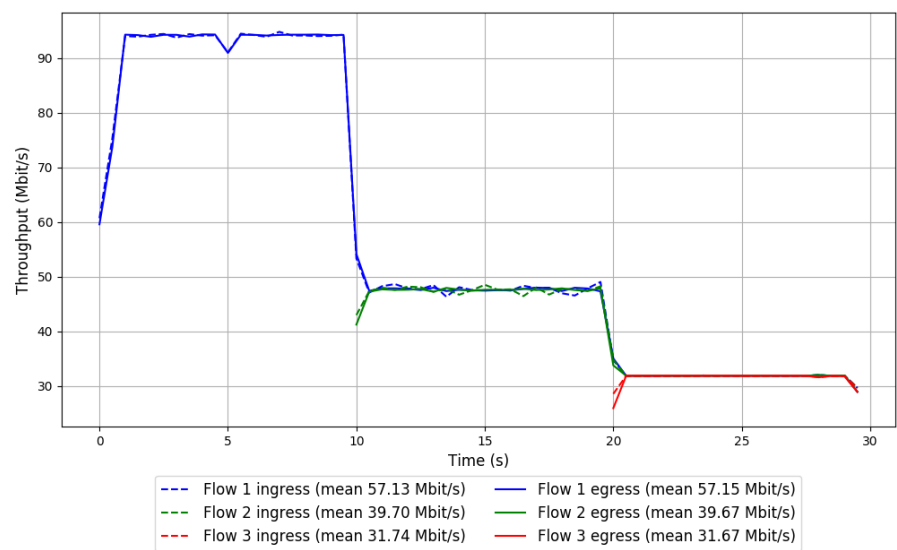


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-21 02:50:02
End at: 2018-03-21 02:50:32
Local clock offset: -7.197 ms
Remote clock offset: -2.436 ms

Below is generated by plot.py at 2018-03-21 07:12:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 41.085 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.15 Mbit/s
95th percentile per-packet one-way delay: 40.981 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 41.080 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 41.270 ms
Loss rate: 0.53%

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

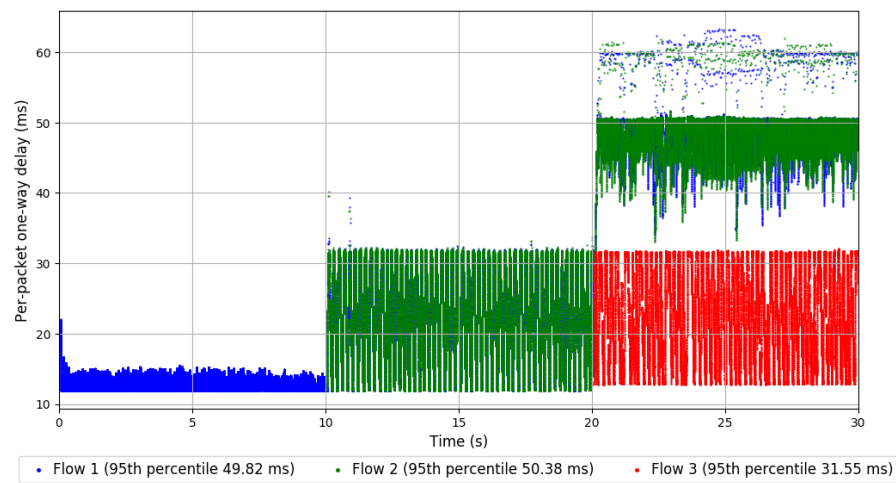
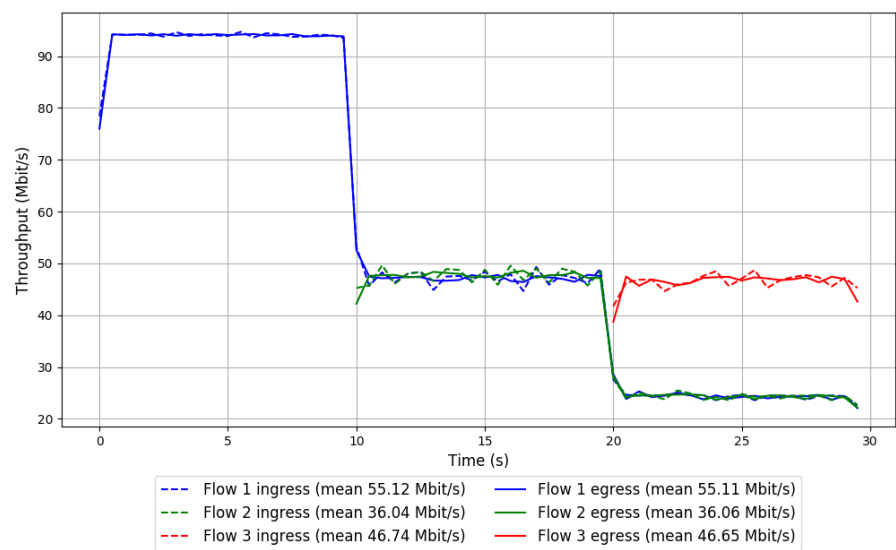


Run 10: Statistics of TaoVA-100x

Start at: 2018-03-21 03:11:30
End at: 2018-03-21 03:12:00
Local clock offset: -10.965 ms
Remote clock offset: -4.927 ms

Below is generated by plot.py at 2018-03-21 07:12:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 50.075 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 49.818 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 50.375 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 31.546 ms
Loss rate: 0.42%

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

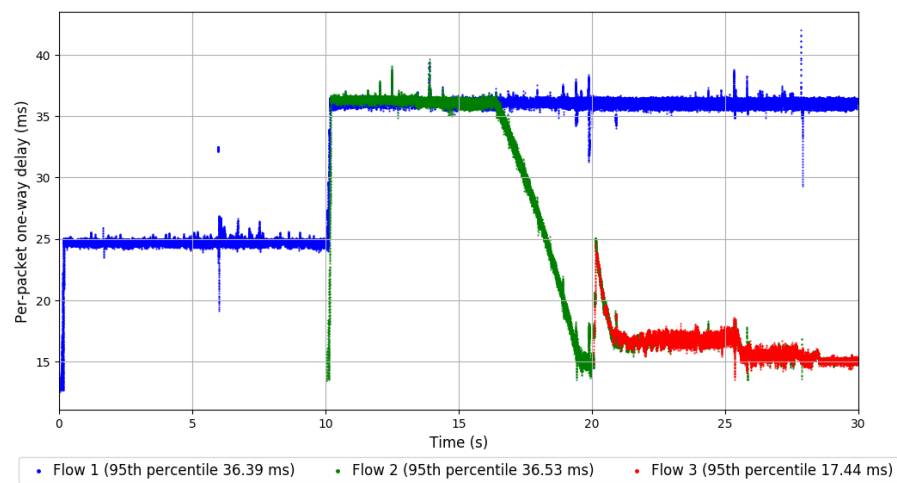
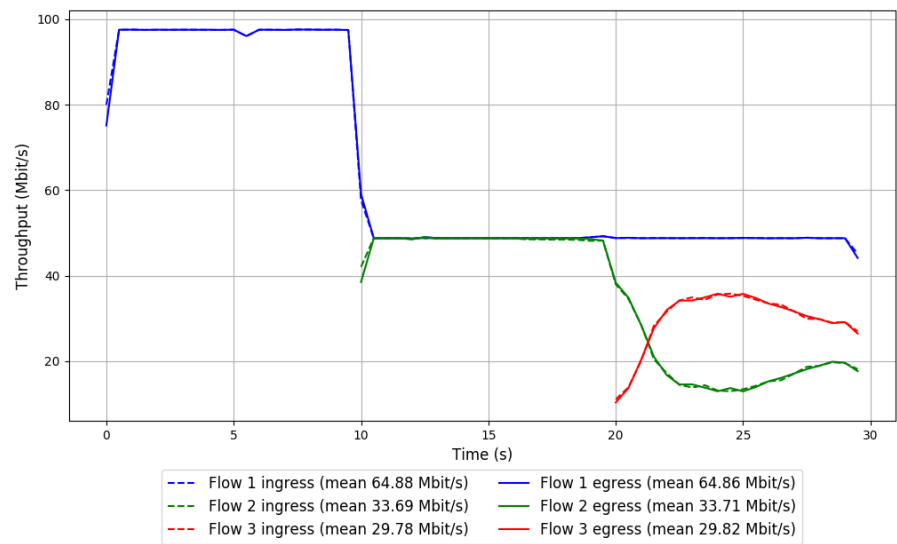


Run 1: Statistics of TCP Vegas

Start at: 2018-03-20 23:53:29
End at: 2018-03-20 23:53:59
Local clock offset: -5.525 ms
Remote clock offset: -8.305 ms

Below is generated by plot.py at 2018-03-21 07:12:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 36.420 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 64.86 Mbit/s
95th percentile per-packet one-way delay: 36.393 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 33.71 Mbit/s
95th percentile per-packet one-way delay: 36.531 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 17.437 ms
Loss rate: 0.25%

Run 1: Report of TCP Vegas — Data Link

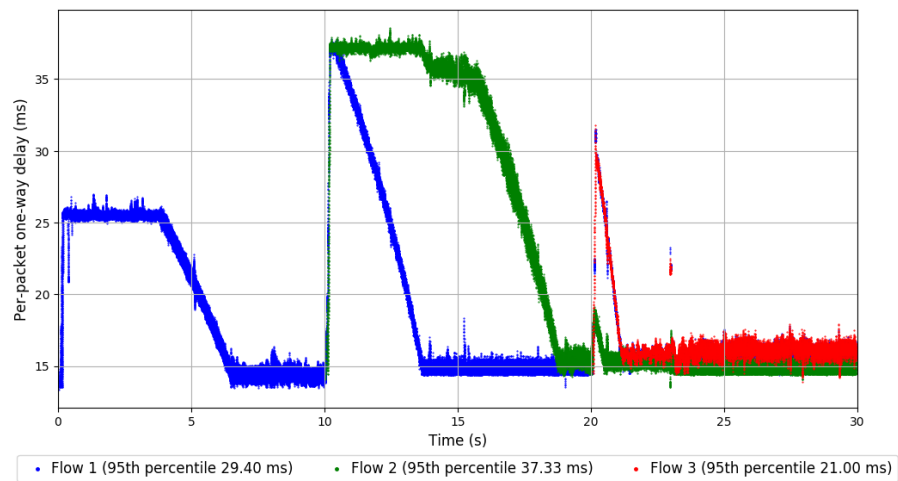
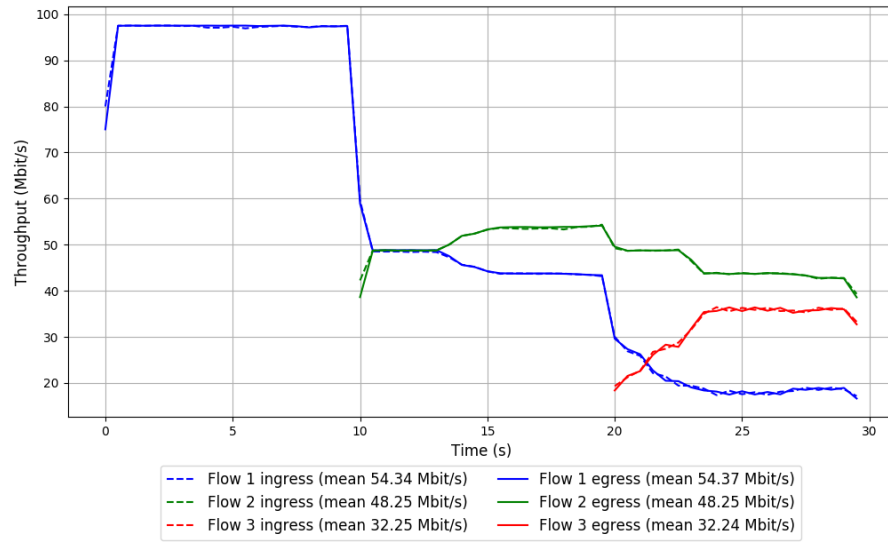


Run 2: Statistics of TCP Vegas

Start at: 2018-03-21 00:15:06
End at: 2018-03-21 00:15:36
Local clock offset: -4.635 ms
Remote clock offset: -4.798 ms

Below is generated by plot.py at 2018-03-21 07:12:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 37.069 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.37 Mbit/s
95th percentile per-packet one-way delay: 29.398 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 37.326 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 20.998 ms
Loss rate: 0.29%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-03-21 00:37:09

End at: 2018-03-21 00:37:39

Local clock offset: -2.675 ms

Remote clock offset: -2.49 ms

Below is generated by plot.py at 2018-03-21 07:12:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 38.185 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 64.85 Mbit/s

95th percentile per-packet one-way delay: 38.203 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 33.51 Mbit/s

95th percentile per-packet one-way delay: 38.130 ms

Loss rate: 0.05%

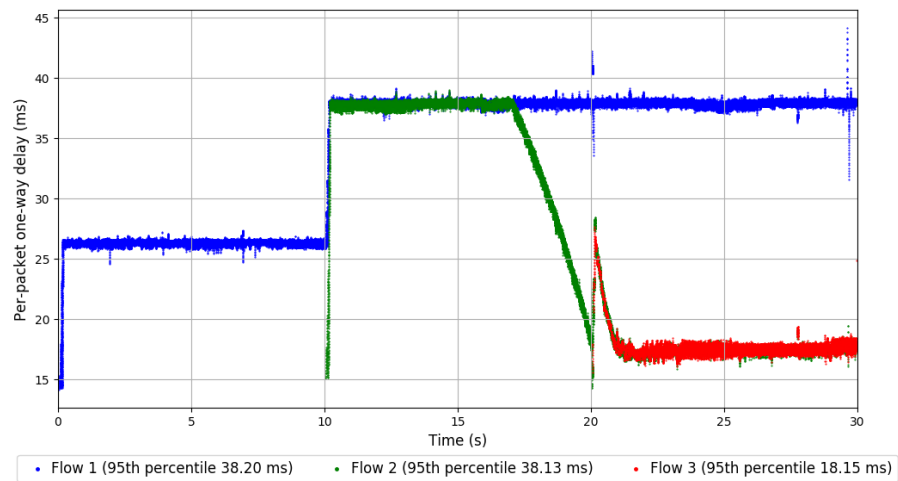
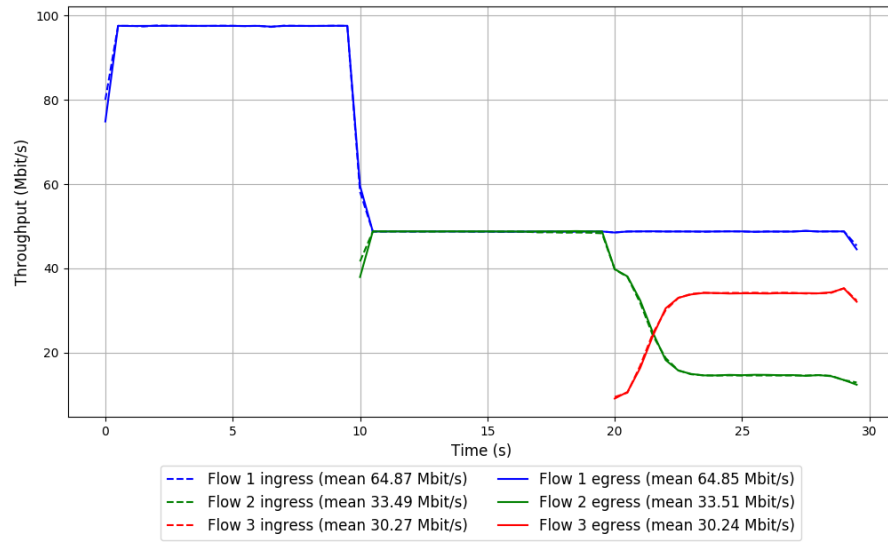
-- Flow 3:

Average throughput: 30.24 Mbit/s

95th percentile per-packet one-way delay: 18.149 ms

Loss rate: 0.31%

Run 3: Report of TCP Vegas — Data Link

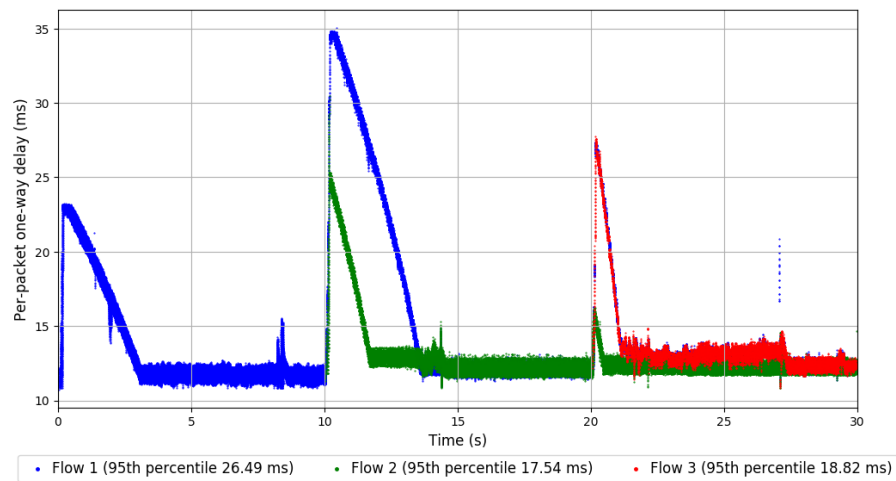
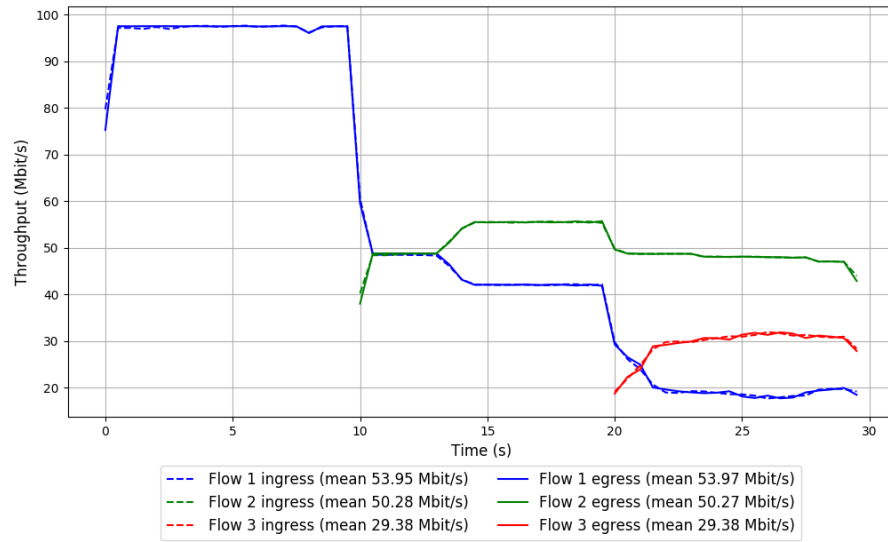


Run 4: Statistics of TCP Vegas

Start at: 2018-03-21 00:58:32
End at: 2018-03-21 00:59:02
Local clock offset: -5.092 ms
Remote clock offset: -0.275 ms

Below is generated by plot.py at 2018-03-21 07:12:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 22.934 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 53.97 Mbit/s
95th percentile per-packet one-way delay: 26.487 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 17.538 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.38 Mbit/s
95th percentile per-packet one-way delay: 18.821 ms
Loss rate: 0.25%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-03-21 01:19:57

End at: 2018-03-21 01:20:27

Local clock offset: -7.555 ms

Remote clock offset: -4.21 ms

Below is generated by plot.py at 2018-03-21 07:12:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 44.254 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 59.50 Mbit/s

95th percentile per-packet one-way delay: 44.247 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 40.50 Mbit/s

95th percentile per-packet one-way delay: 32.923 ms

Loss rate: 0.10%

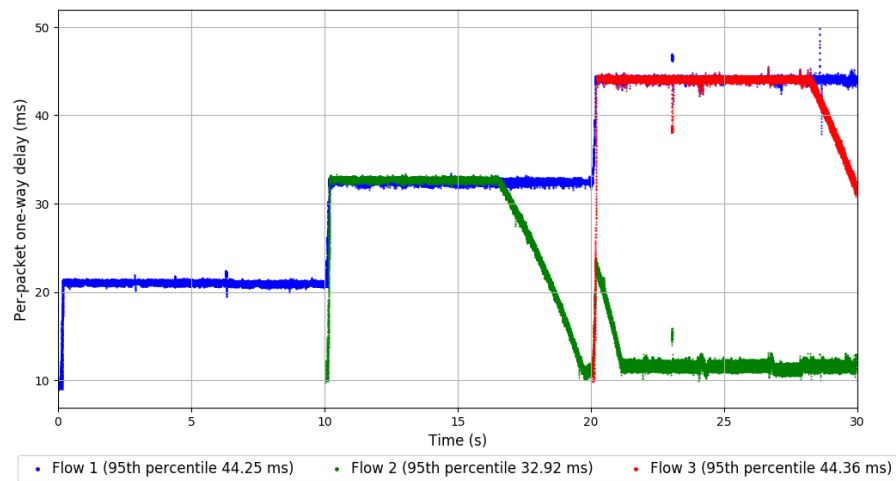
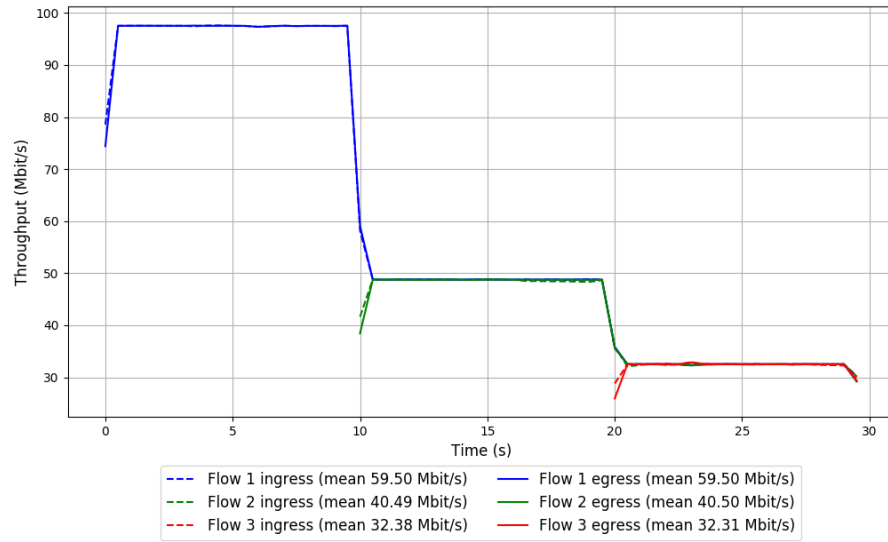
-- Flow 3:

Average throughput: 32.31 Mbit/s

95th percentile per-packet one-way delay: 44.364 ms

Loss rate: 0.45%

Run 5: Report of TCP Vegas — Data Link

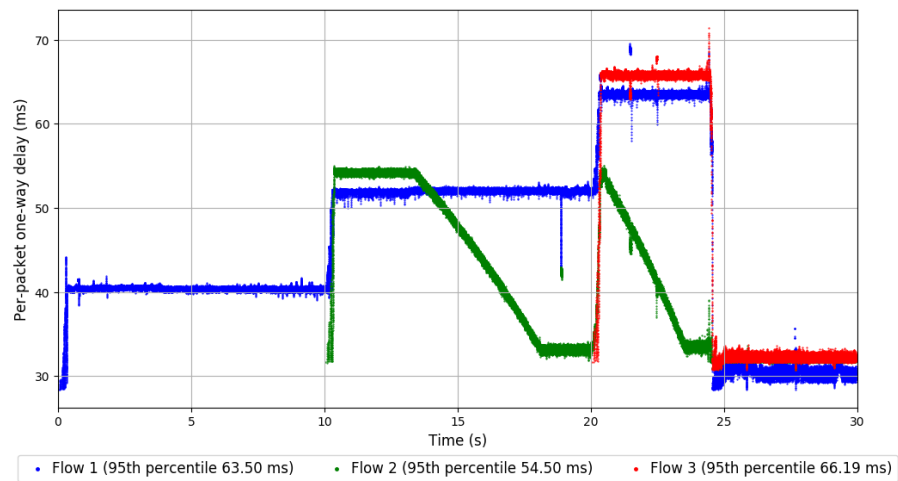
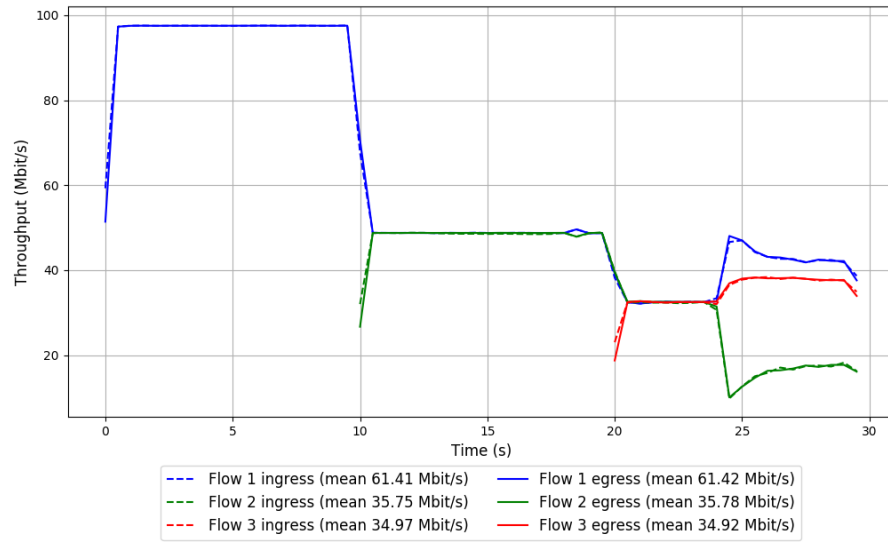


Run 6: Statistics of TCP Vegas

Start at: 2018-03-21 01:41:14
End at: 2018-03-21 01:41:44
Local clock offset: -6.403 ms
Remote clock offset: -7.661 ms

Below is generated by plot.py at 2018-03-21 07:12:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 63.932 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 61.42 Mbit/s
95th percentile per-packet one-way delay: 63.502 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 35.78 Mbit/s
95th percentile per-packet one-way delay: 54.504 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 34.92 Mbit/s
95th percentile per-packet one-way delay: 66.190 ms
Loss rate: 0.56%

Run 6: Report of TCP Vegas — Data Link

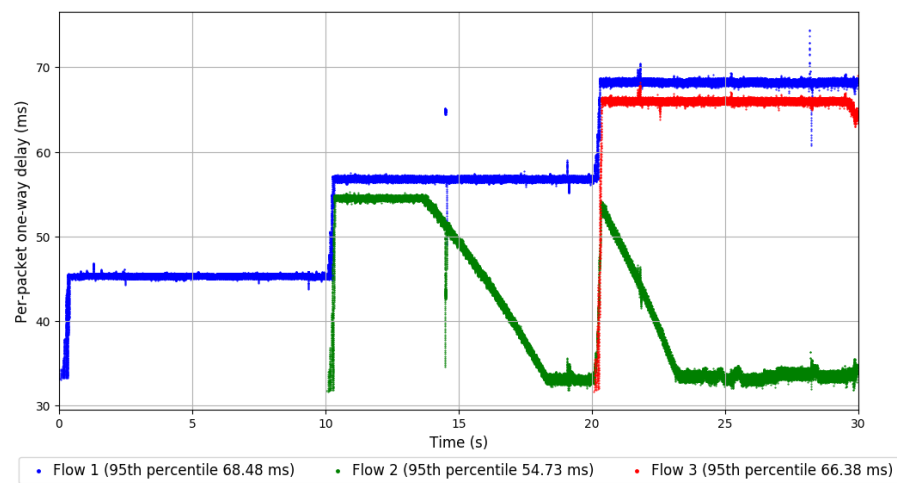
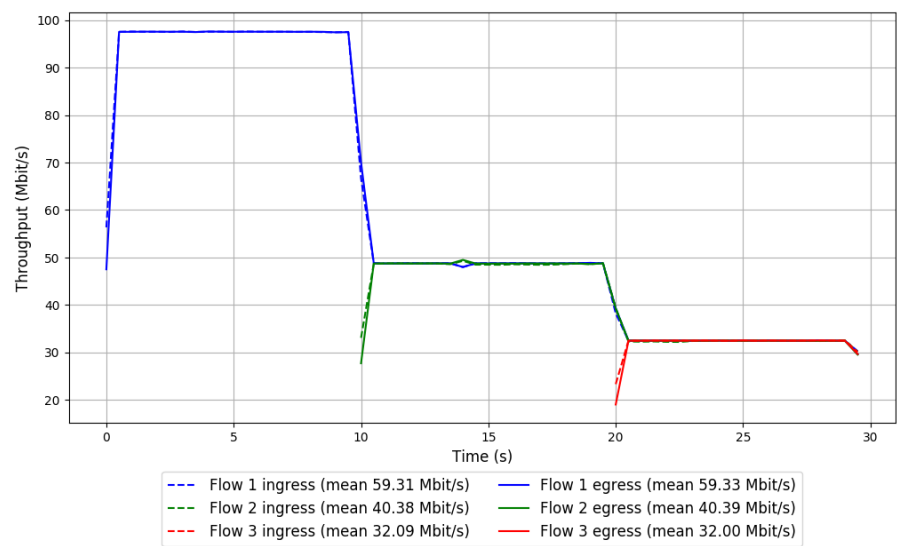


Run 7: Statistics of TCP Vegas

Start at: 2018-03-21 02:03:09
End at: 2018-03-21 02:03:39
Local clock offset: -3.693 ms
Remote clock offset: -7.199 ms

Below is generated by plot.py at 2018-03-21 07:12:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 68.364 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 68.481 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 54.734 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 66.379 ms
Loss rate: 0.74%

Run 7: Report of TCP Vegas — Data Link

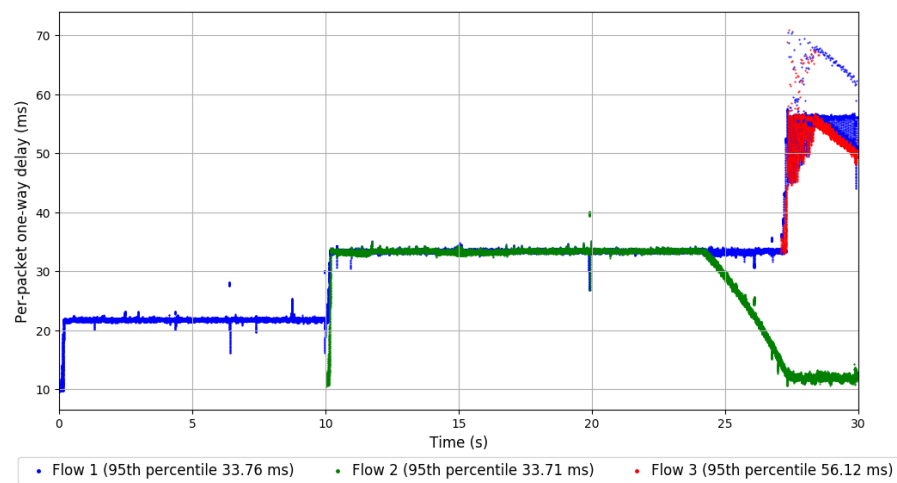
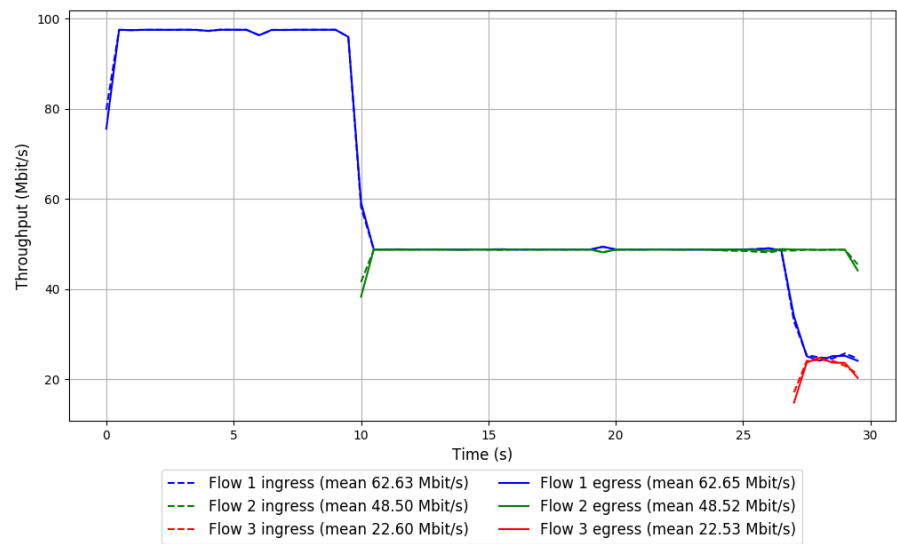


Run 8: Statistics of TCP Vegas

Start at: 2018-03-21 02:24:40
End at: 2018-03-21 02:25:10
Local clock offset: -6.497 ms
Remote clock offset: -3.704 ms

```
# Below is generated by plot.py at 2018-03-21 07:12:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 33.961 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 62.65 Mbit/s
95th percentile per-packet one-way delay: 33.759 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 48.52 Mbit/s
95th percentile per-packet one-way delay: 33.713 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: 56.122 ms
Loss rate: 2.08%
```

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-03-21 02:46:30

End at: 2018-03-21 02:47:00

Local clock offset: -2.667 ms

Remote clock offset: -2.7 ms

Below is generated by plot.py at 2018-03-21 07:12:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 38.350 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 64.38 Mbit/s

95th percentile per-packet one-way delay: 28.534 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 34.75 Mbit/s

95th percentile per-packet one-way delay: 38.584 ms

Loss rate: 0.06%

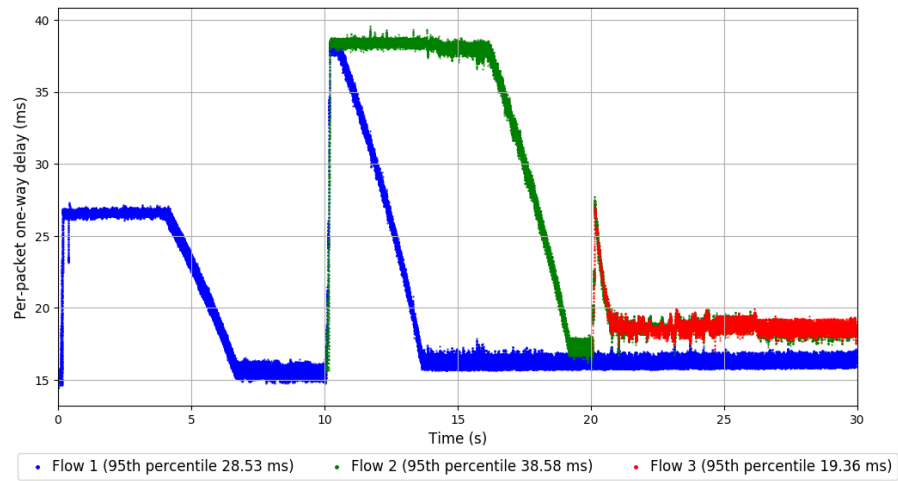
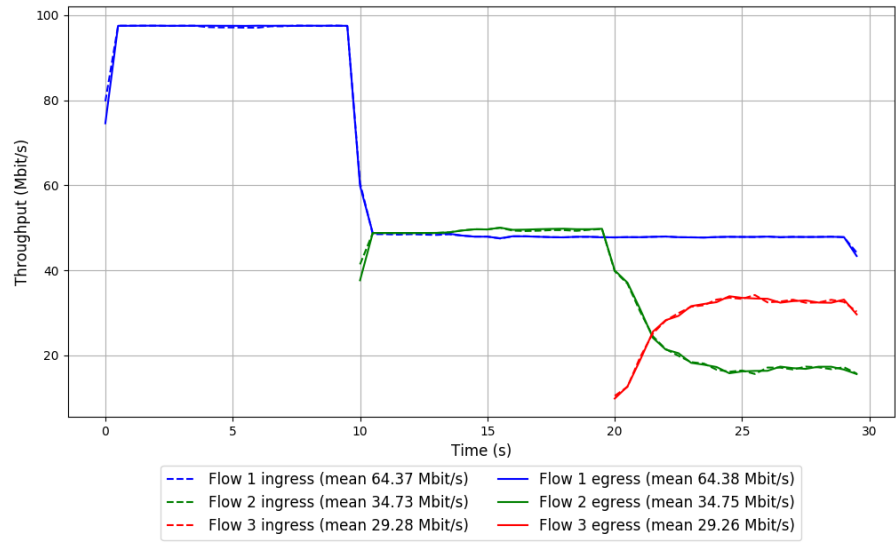
-- Flow 3:

Average throughput: 29.26 Mbit/s

95th percentile per-packet one-way delay: 19.361 ms

Loss rate: 0.31%

Run 9: Report of TCP Vegas — Data Link

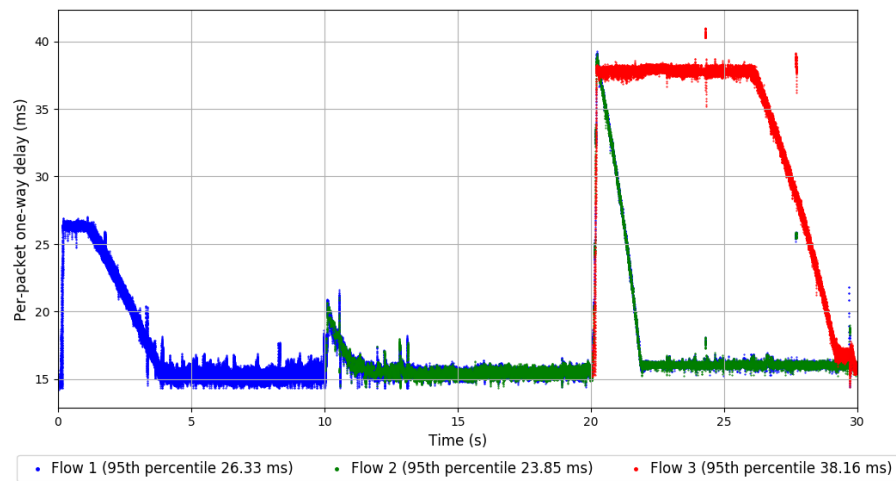
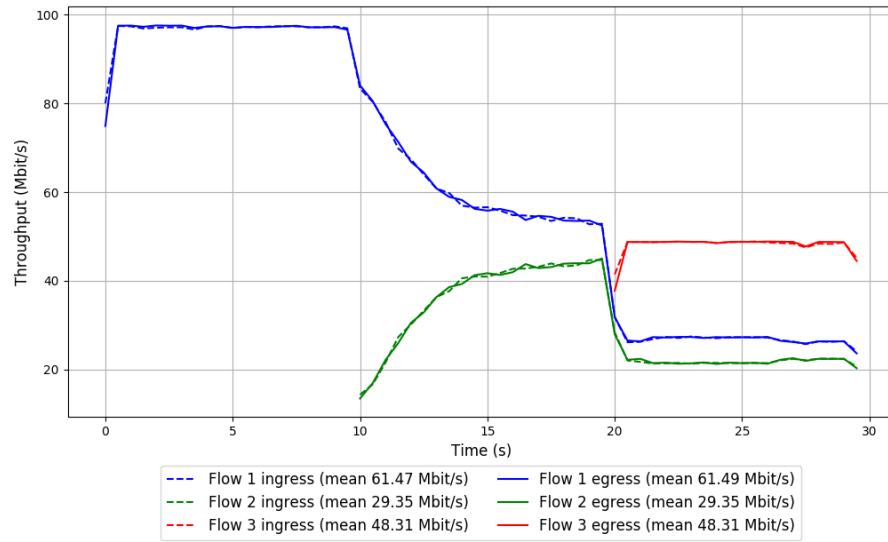


Run 10: Statistics of TCP Vegas

Start at: 2018-03-21 03:07:47
End at: 2018-03-21 03:08:17
Local clock offset: -10.812 ms
Remote clock offset: -7.331 ms

Below is generated by plot.py at 2018-03-21 07:12:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 37.859 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 26.331 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 29.35 Mbit/s
95th percentile per-packet one-way delay: 23.852 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 38.163 ms
Loss rate: 0.25%

Run 10: Report of TCP Vegas — Data Link

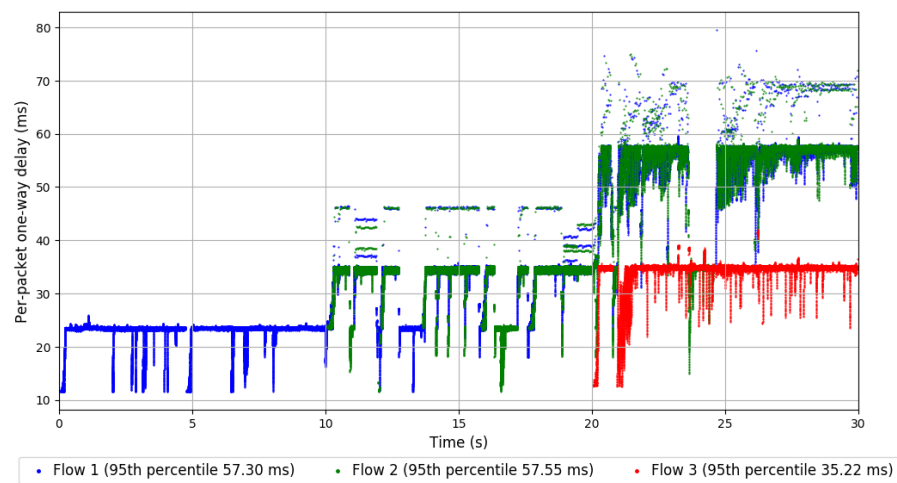
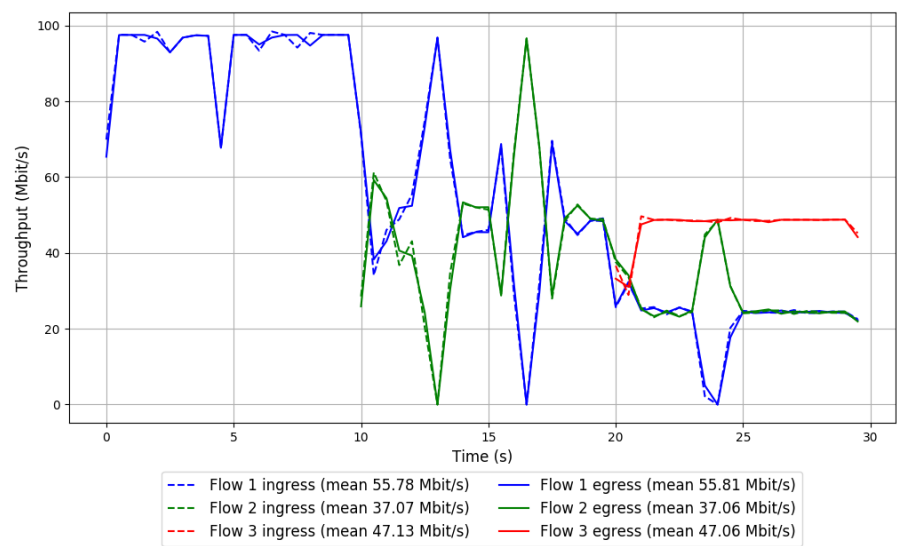


Run 1: Statistics of Verus

Start at: 2018-03-21 00:04:17
End at: 2018-03-21 00:04:47
Local clock offset: -5.483 ms
Remote clock offset: -5.957 ms

Below is generated by plot.py at 2018-03-21 07:12:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 57.373 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 55.81 Mbit/s
95th percentile per-packet one-way delay: 57.298 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 37.06 Mbit/s
95th percentile per-packet one-way delay: 57.547 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 47.06 Mbit/s
95th percentile per-packet one-way delay: 35.221 ms
Loss rate: 0.48%

Run 1: Report of Verus — Data Link

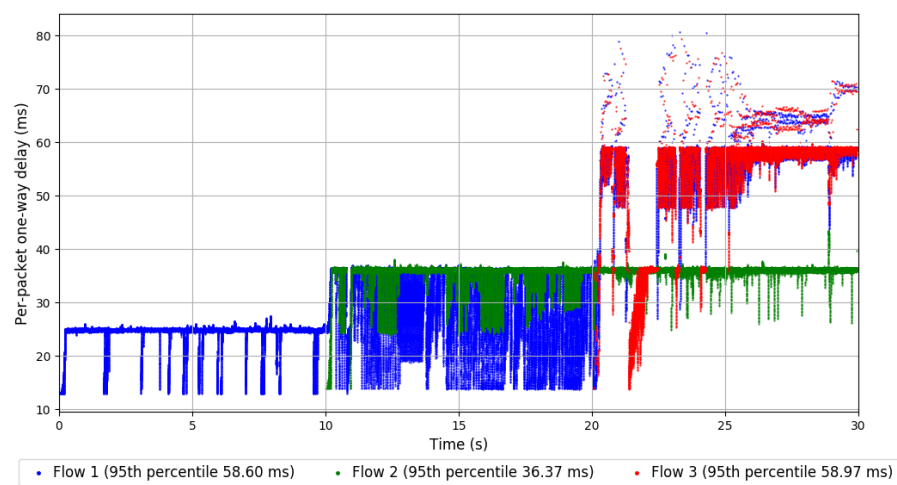
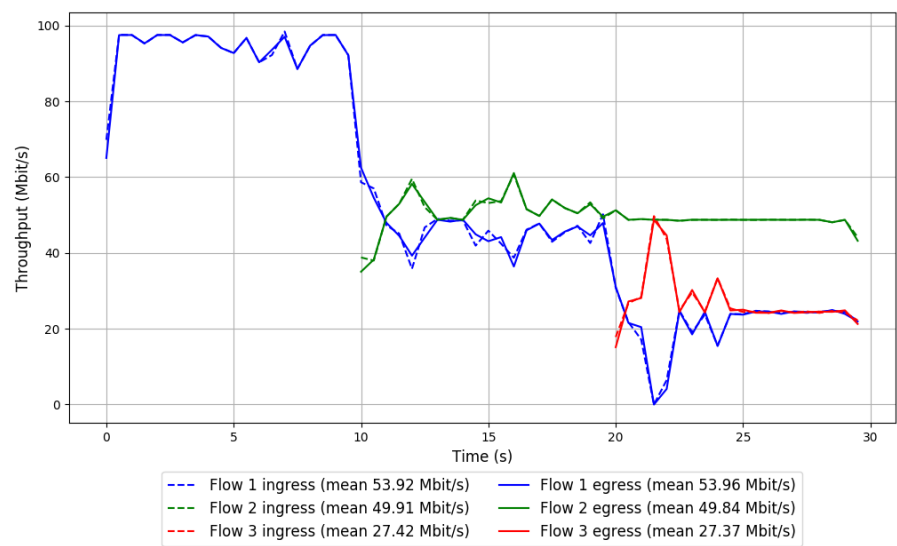


Run 2: Statistics of Verus

Start at: 2018-03-21 00:26:17
End at: 2018-03-21 00:26:47
Local clock offset: -4.276 ms
Remote clock offset: -3.217 ms

Below is generated by plot.py at 2018-03-21 07:13:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 58.677 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 53.96 Mbit/s
95th percentile per-packet one-way delay: 58.602 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 36.373 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 27.37 Mbit/s
95th percentile per-packet one-way delay: 58.968 ms
Loss rate: 0.62%

Run 2: Report of Verus — Data Link

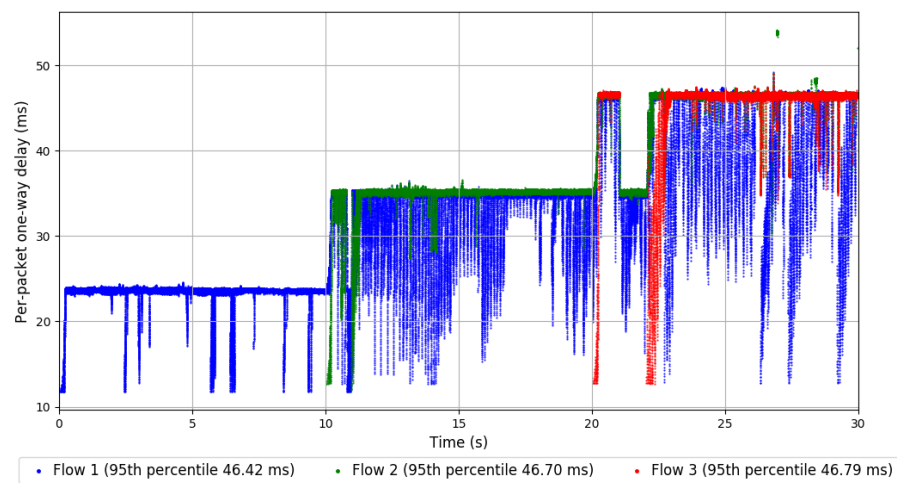
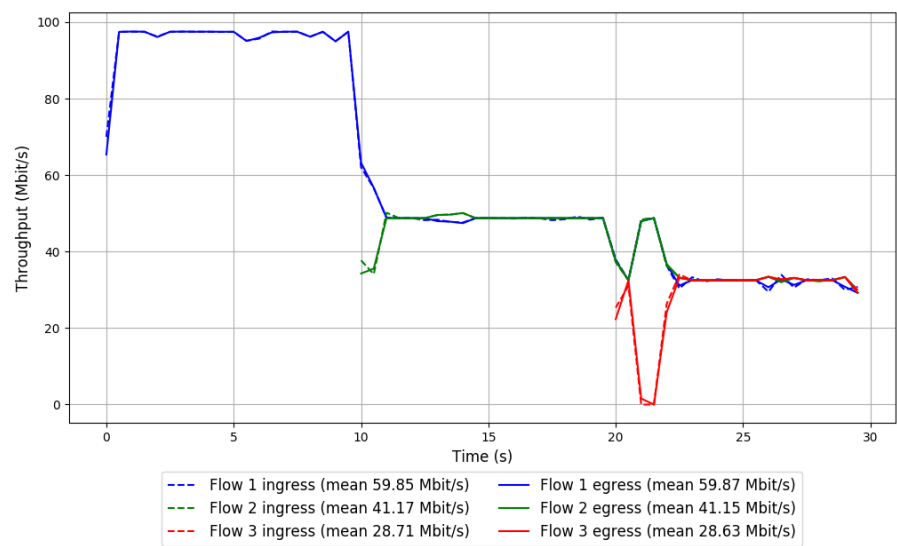


Run 3: Statistics of Verus

Start at: 2018-03-21 00:48:10
End at: 2018-03-21 00:48:40
Local clock offset: -5.176 ms
Remote clock offset: -1.629 ms

Below is generated by plot.py at 2018-03-21 07:13:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 46.661 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.87 Mbit/s
95th percentile per-packet one-way delay: 46.424 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 41.15 Mbit/s
95th percentile per-packet one-way delay: 46.704 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 28.63 Mbit/s
95th percentile per-packet one-way delay: 46.792 ms
Loss rate: 0.66%

Run 3: Report of Verus — Data Link

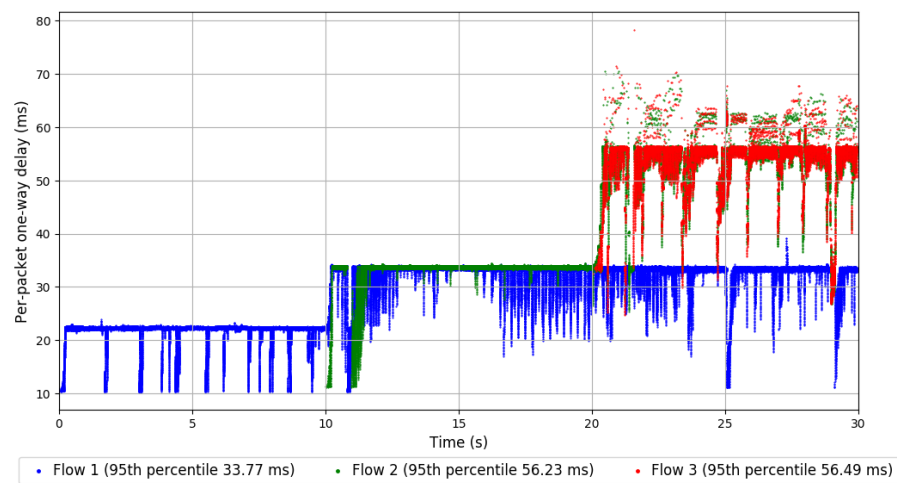
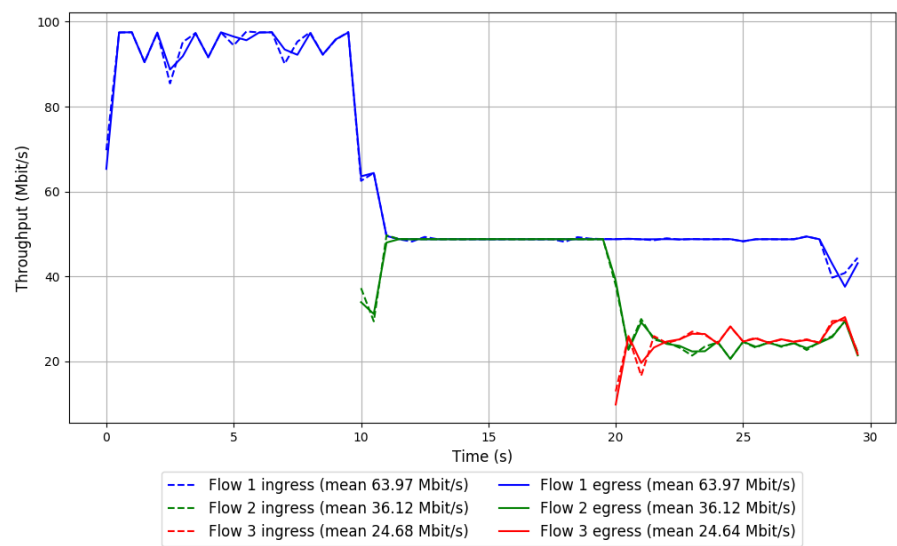


Run 4: Statistics of Verus

Start at: 2018-03-21 01:09:13
End at: 2018-03-21 01:09:43
Local clock offset: -5.907 ms
Remote clock offset: -1.029 ms

Below is generated by plot.py at 2018-03-21 07:13:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 56.025 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 63.97 Mbit/s
95th percentile per-packet one-way delay: 33.770 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.12 Mbit/s
95th percentile per-packet one-way delay: 56.230 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 56.492 ms
Loss rate: 0.63%

Run 4: Report of Verus — Data Link

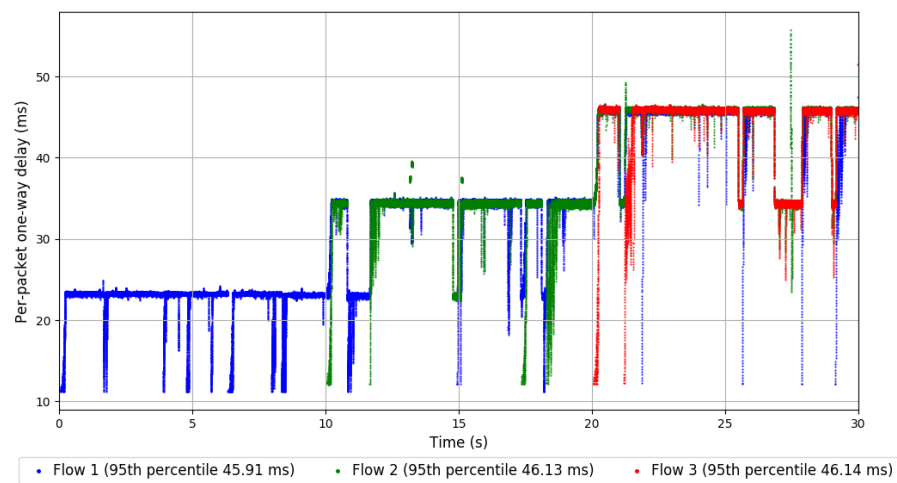
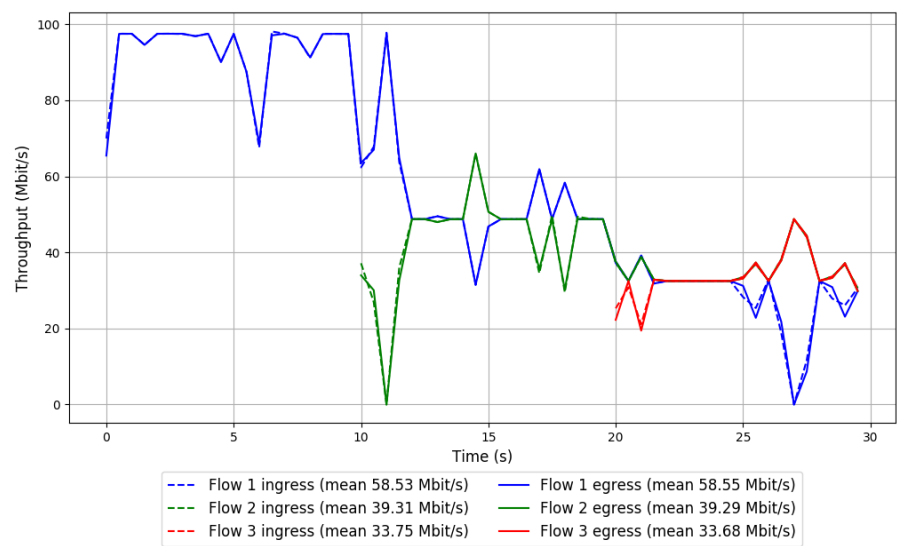


Run 5: Statistics of Verus

Start at: 2018-03-21 01:30:39
End at: 2018-03-21 01:31:09
Local clock offset: -6.08 ms
Remote clock offset: -6.164 ms

Below is generated by plot.py at 2018-03-21 07:13:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 46.056 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.55 Mbit/s
95th percentile per-packet one-way delay: 45.913 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.29 Mbit/s
95th percentile per-packet one-way delay: 46.131 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 46.138 ms
Loss rate: 0.56%

Run 5: Report of Verus — Data Link

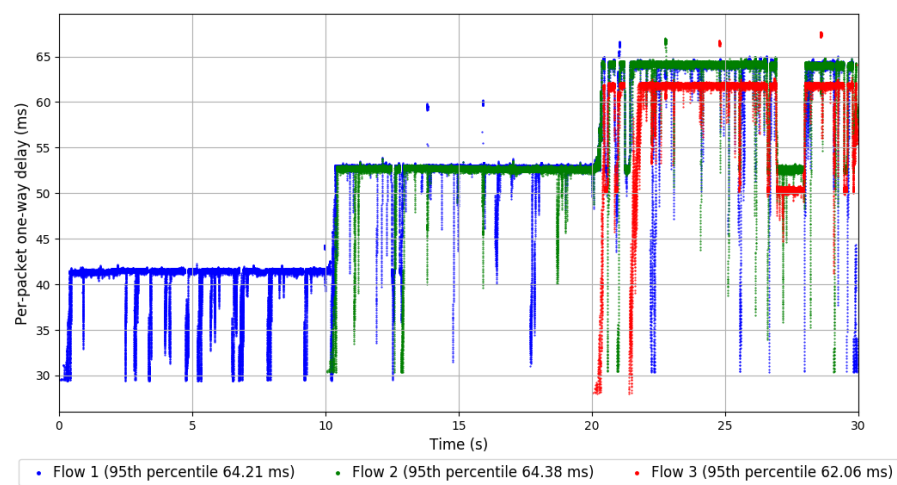
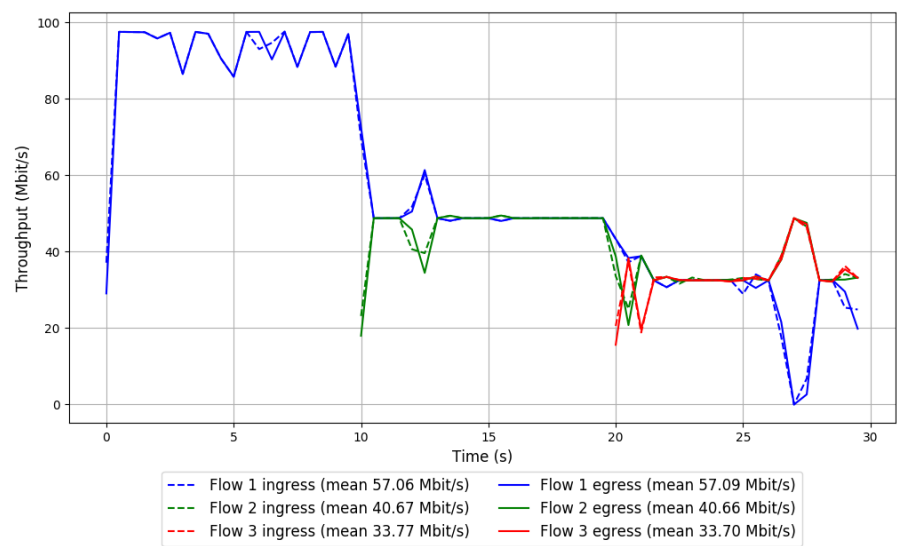


Run 6: Statistics of Verus

Start at: 2018-03-21 01:52:22
End at: 2018-03-21 01:52:52
Local clock offset: -6.998 ms
Remote clock offset: -6.43 ms

Below is generated by plot.py at 2018-03-21 07:13:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 64.289 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 64.210 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 40.66 Mbit/s
95th percentile per-packet one-way delay: 64.380 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 33.70 Mbit/s
95th percentile per-packet one-way delay: 62.063 ms
Loss rate: 0.72%

Run 6: Report of Verus — Data Link

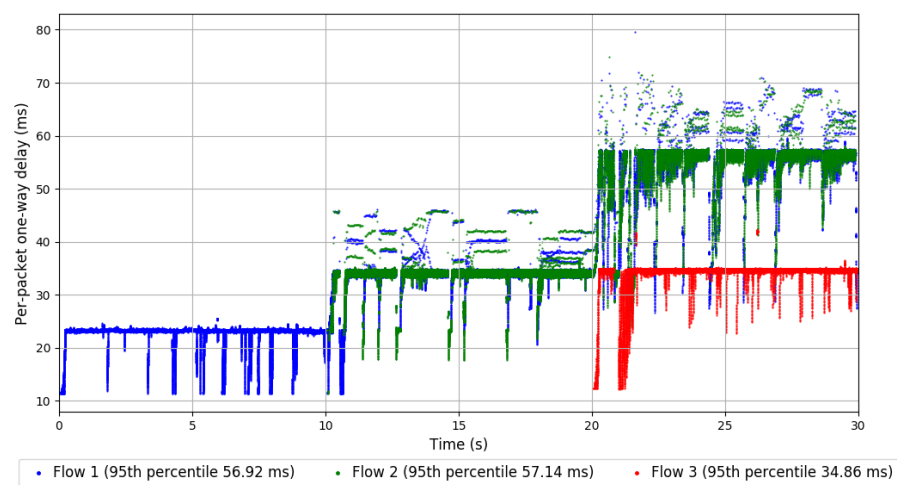
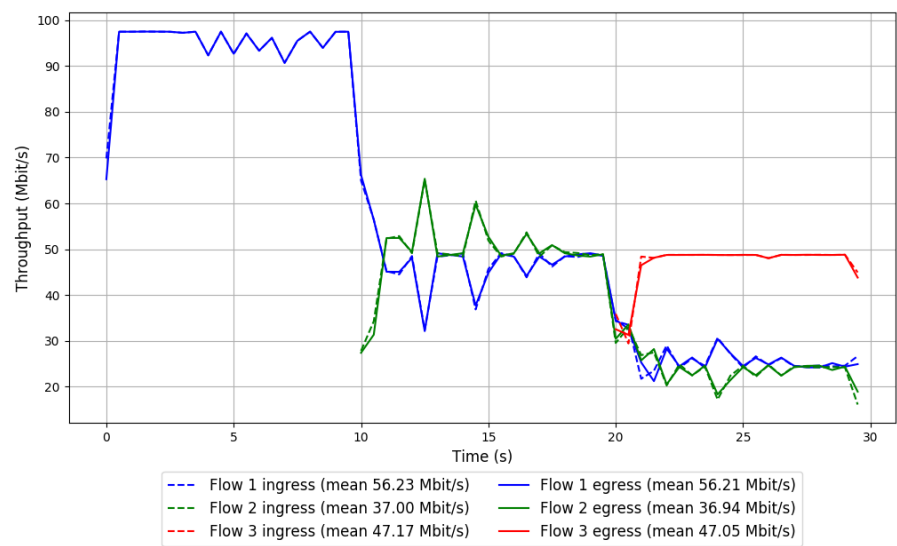


Run 7: Statistics of Verus

Start at: 2018-03-21 02:14:11
End at: 2018-03-21 02:14:41
Local clock offset: -5.668 ms
Remote clock offset: -7.315 ms

Below is generated by plot.py at 2018-03-21 07:13:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 56.969 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.21 Mbit/s
95th percentile per-packet one-way delay: 56.923 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 57.139 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 34.857 ms
Loss rate: 0.48%

Run 7: Report of Verus — Data Link

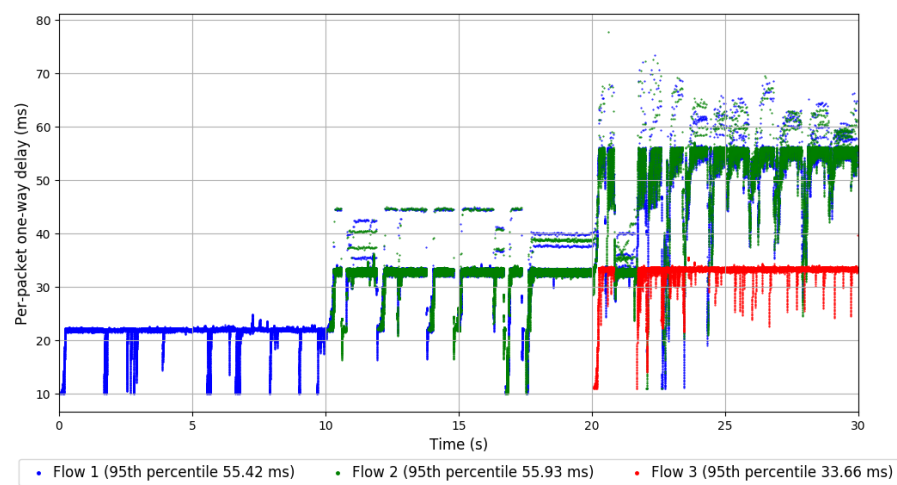
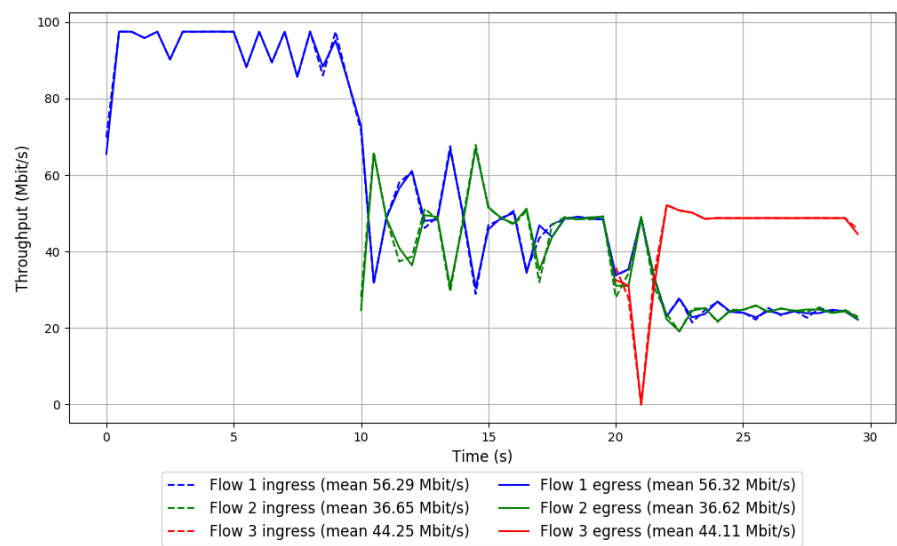


Run 8: Statistics of Verus

Start at: 2018-03-21 02:35:38
End at: 2018-03-21 02:36:08
Local clock offset: -6.502 ms
Remote clock offset: -2.735 ms

Below is generated by plot.py at 2018-03-21 07:14:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 55.648 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.32 Mbit/s
95th percentile per-packet one-way delay: 55.424 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 55.926 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 44.11 Mbit/s
95th percentile per-packet one-way delay: 33.663 ms
Loss rate: 0.51%

Run 8: Report of Verus — Data Link

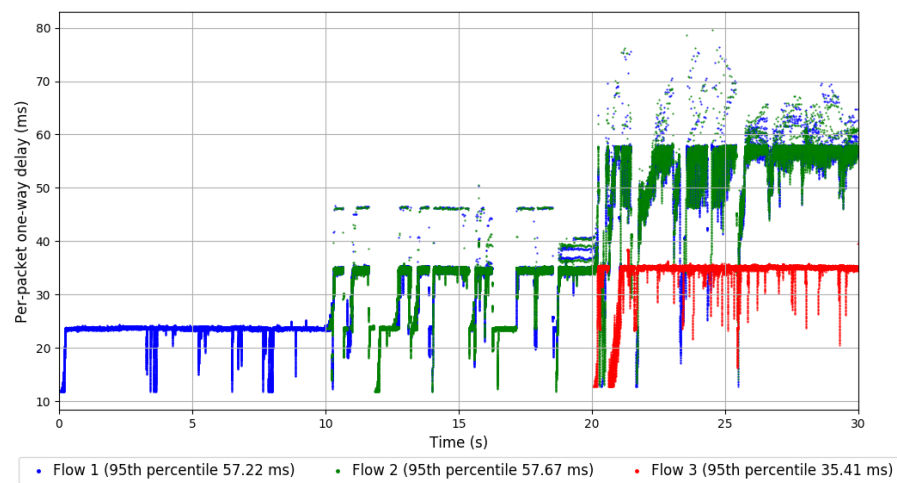
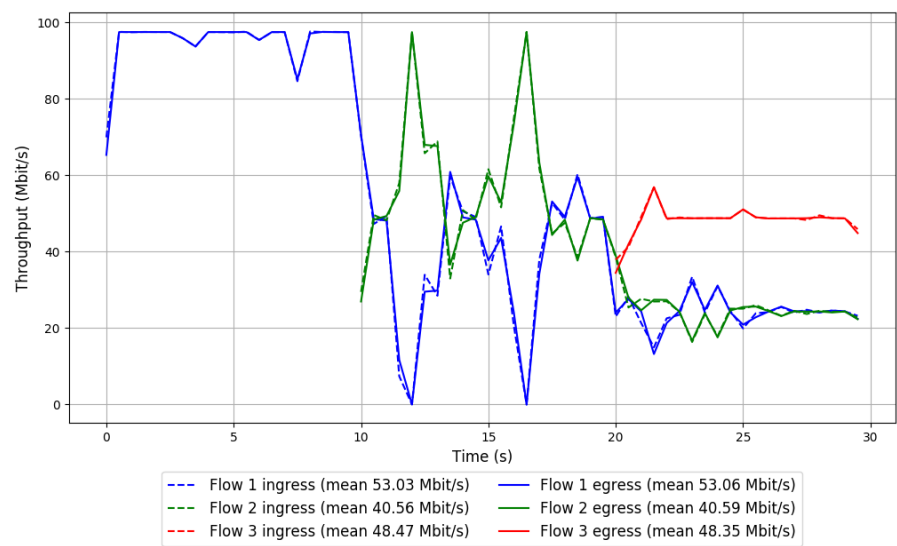


Run 9: Statistics of Verus

Start at: 2018-03-21 02:57:20
End at: 2018-03-21 02:57:50
Local clock offset: -8.607 ms
Remote clock offset: -3.203 ms

Below is generated by plot.py at 2018-03-21 07:14:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 57.315 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 57.217 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.59 Mbit/s
95th percentile per-packet one-way delay: 57.671 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 35.411 ms
Loss rate: 0.47%

Run 9: Report of Verus — Data Link

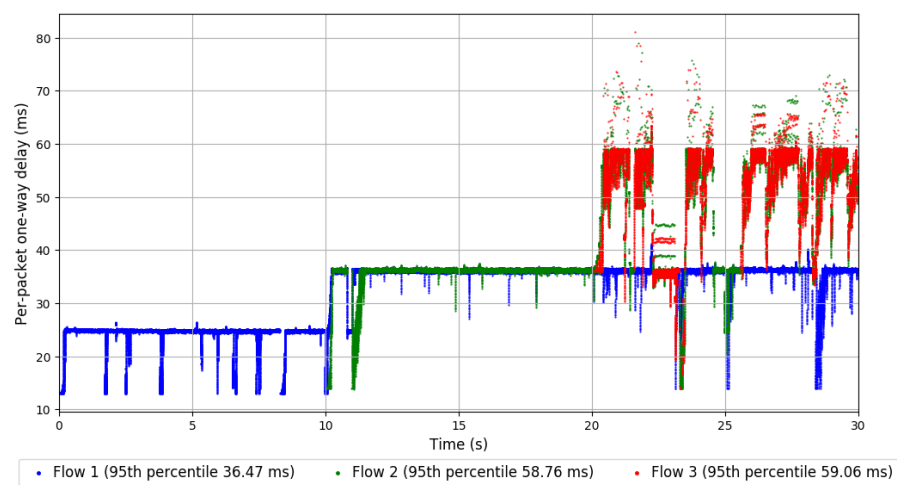
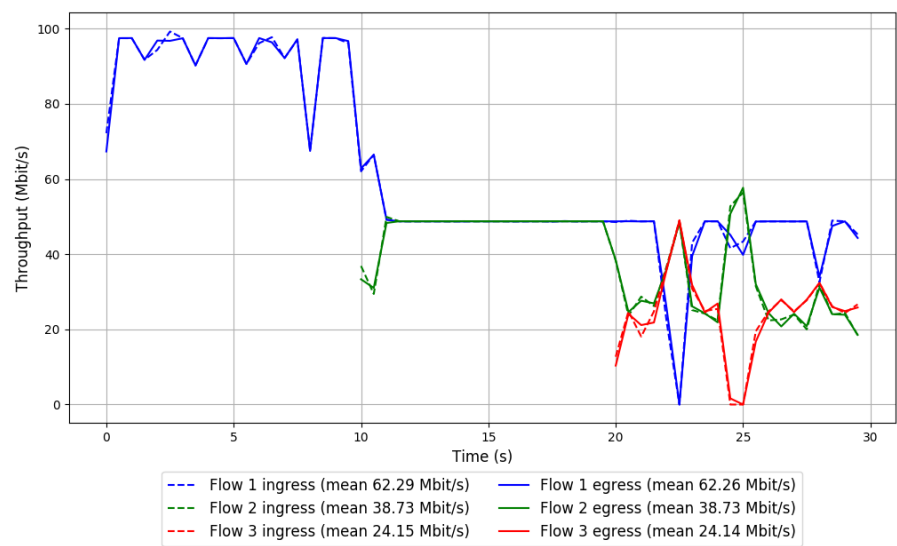


Run 10: Statistics of Verus

Start at: 2018-03-21 03:18:41
End at: 2018-03-21 03:19:11
Local clock offset: -11.381 ms
Remote clock offset: -6.056 ms

Below is generated by plot.py at 2018-03-21 07:14:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 57.507 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 62.26 Mbit/s
95th percentile per-packet one-way delay: 36.471 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 38.73 Mbit/s
95th percentile per-packet one-way delay: 58.757 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 59.056 ms
Loss rate: 0.70%

Run 10: Report of Verus — Data Link

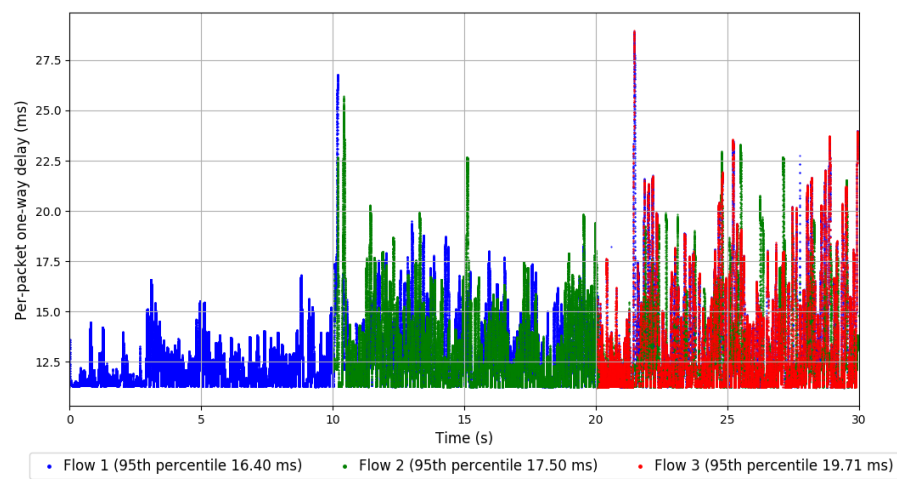
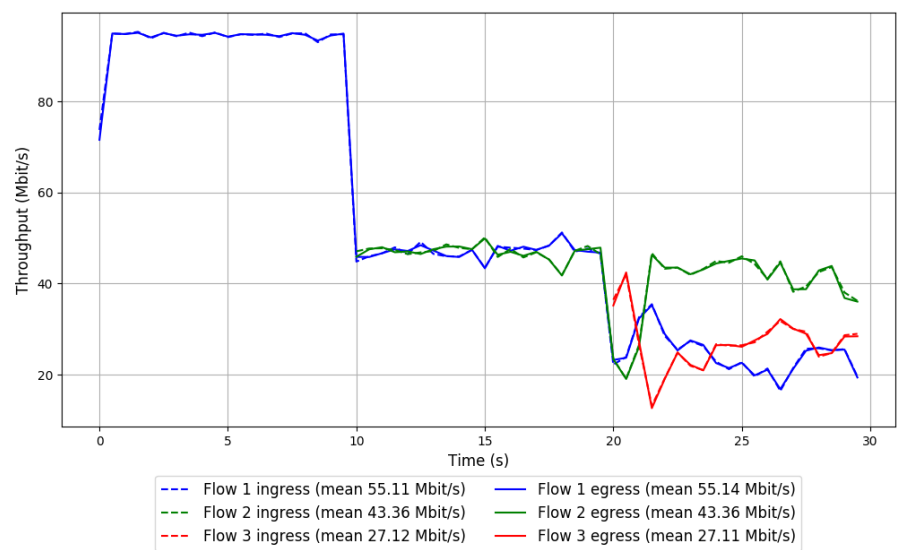


Run 1: Statistics of Copa

Start at: 2018-03-20 23:46:29
End at: 2018-03-20 23:46:59
Local clock offset: -6.982 ms
Remote clock offset: -7.575 ms

Below is generated by plot.py at 2018-03-21 07:15:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 17.138 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 16.400 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 43.36 Mbit/s
95th percentile per-packet one-way delay: 17.500 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 19.710 ms
Loss rate: 0.29%

Run 1: Report of Copa — Data Link

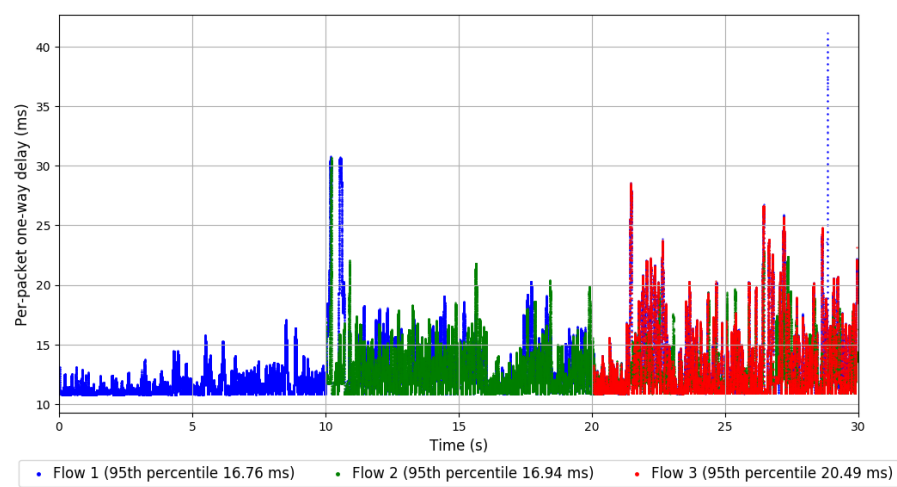
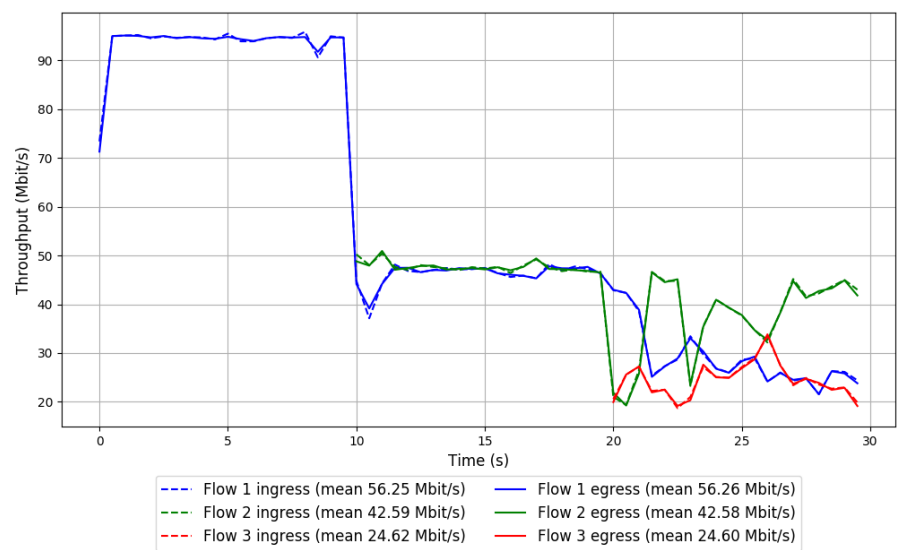


Run 2: Statistics of Copa

Start at: 2018-03-21 00:07:58
End at: 2018-03-21 00:08:28
Local clock offset: -7.262 ms
Remote clock offset: -5.909 ms

Below is generated by plot.py at 2018-03-21 07:16:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 17.315 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.26 Mbit/s
95th percentile per-packet one-way delay: 16.761 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 42.58 Mbit/s
95th percentile per-packet one-way delay: 16.939 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 20.490 ms
Loss rate: 0.29%

Run 2: Report of Copa — Data Link

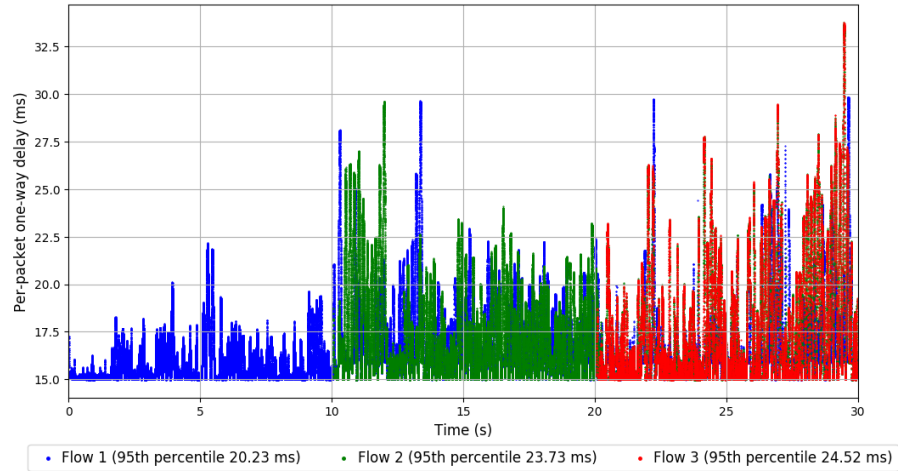
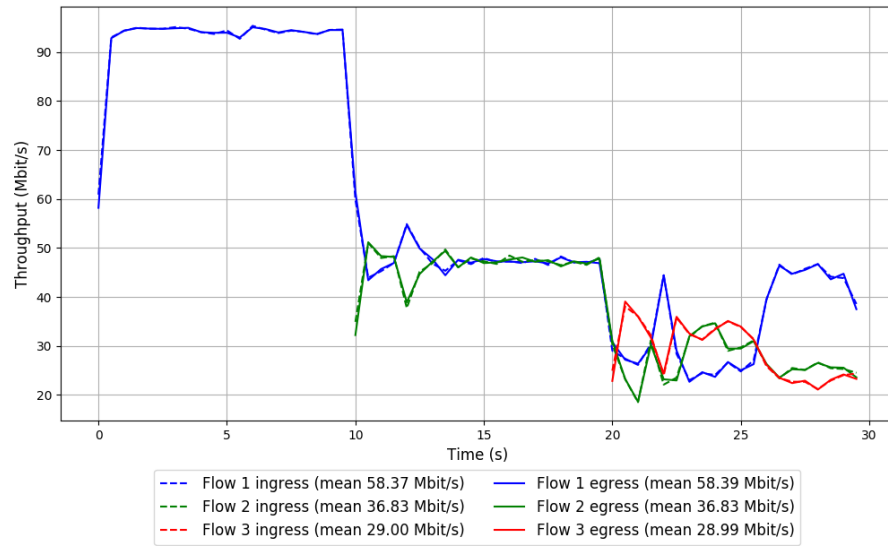


Run 3: Statistics of Copa

Start at: 2018-03-21 00:30:01
End at: 2018-03-21 00:30:31
Local clock offset: -2.845 ms
Remote clock offset: -3.866 ms

Below is generated by plot.py at 2018-03-21 07:16:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.50 Mbit/s
95th percentile per-packet one-way delay: 22.044 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 20.233 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 23.728 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 24.522 ms
Loss rate: 0.30%

Run 3: Report of Copa — Data Link

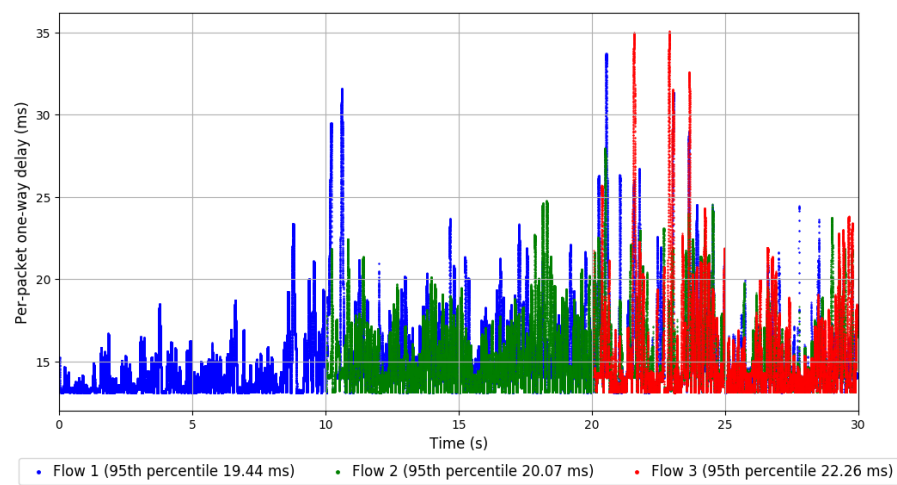
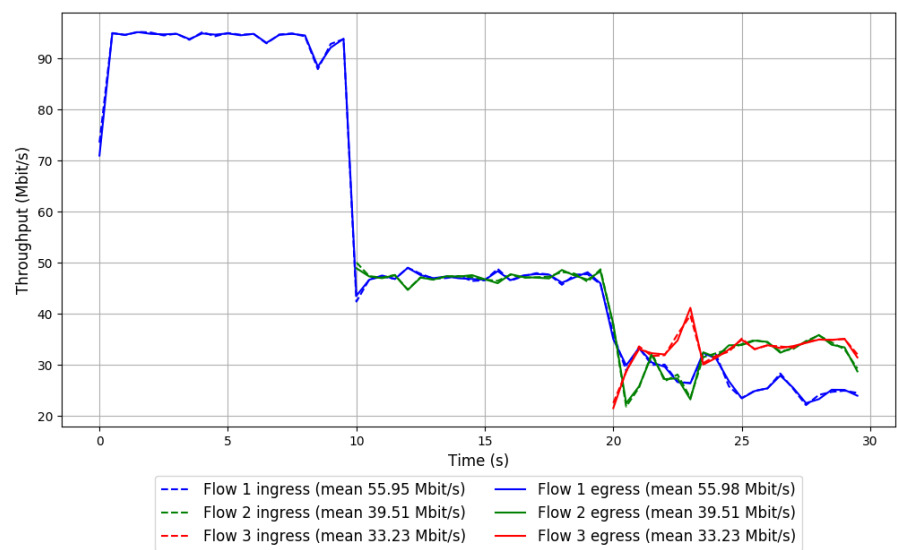


Run 4: Statistics of Copa

Start at: 2018-03-21 00:51:41
End at: 2018-03-21 00:52:11
Local clock offset: -5.318 ms
Remote clock offset: -3.0 ms

Below is generated by plot.py at 2018-03-21 07:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 20.094 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 19.442 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 20.066 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 33.23 Mbit/s
95th percentile per-packet one-way delay: 22.256 ms
Loss rate: 0.24%

Run 4: Report of Copa — Data Link

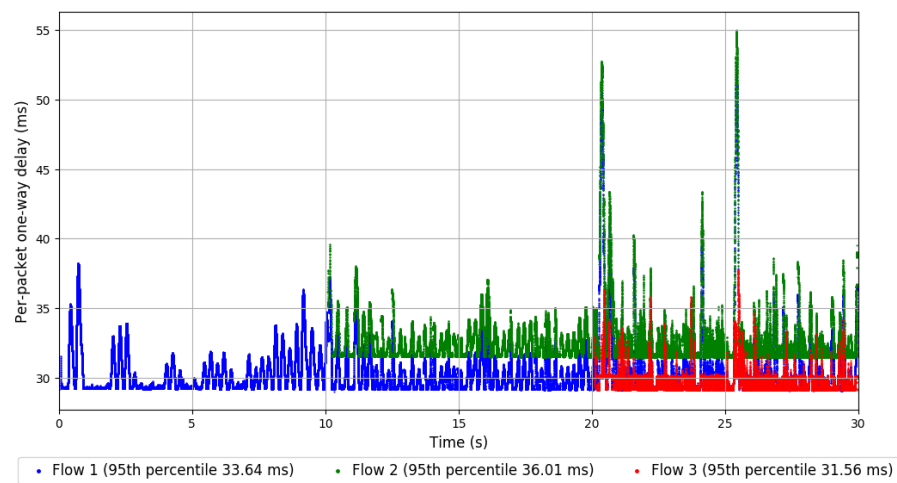
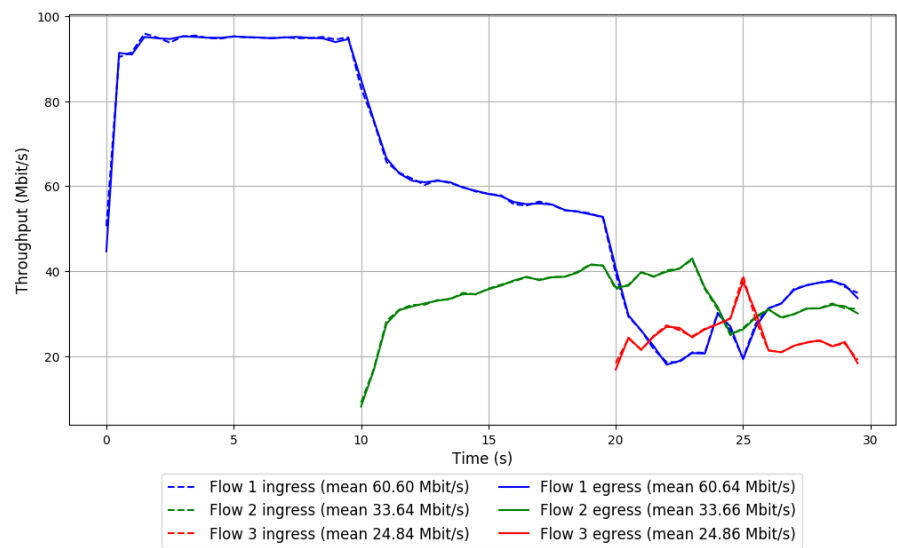


Run 5: Statistics of Copa

Start at: 2018-03-21 01:12:49
End at: 2018-03-21 01:13:19
Local clock offset: -5.818 ms
Remote clock offset: -4.055 ms

Below is generated by plot.py at 2018-03-21 07:16:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.22 Mbit/s
95th percentile per-packet one-way delay: 34.318 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.64 Mbit/s
95th percentile per-packet one-way delay: 33.636 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 33.66 Mbit/s
95th percentile per-packet one-way delay: 36.011 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.86 Mbit/s
95th percentile per-packet one-way delay: 31.564 ms
Loss rate: 0.36%

Run 5: Report of Copa — Data Link

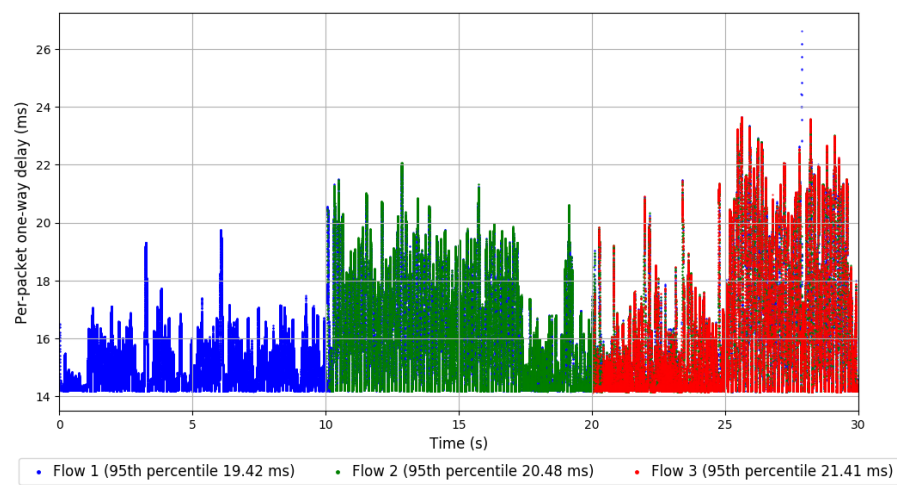
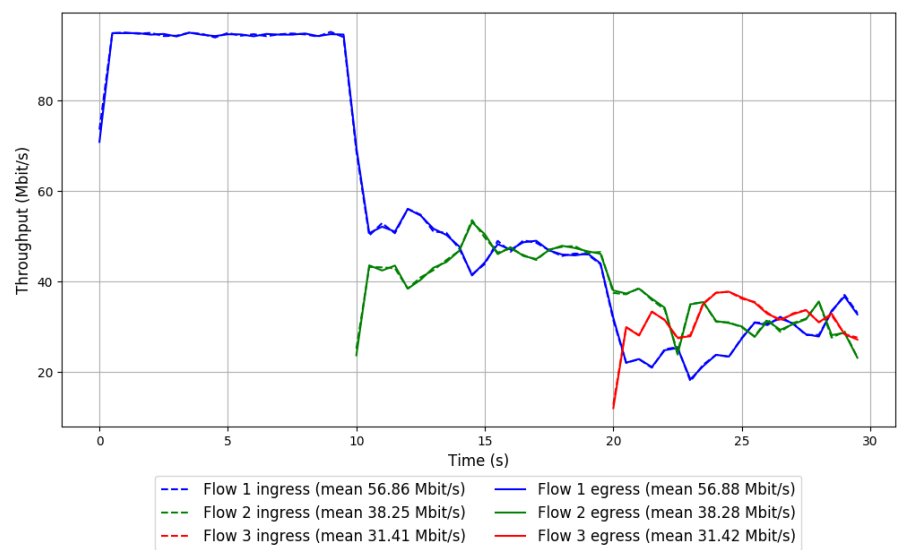


Run 6: Statistics of Copa

Start at: 2018-03-21 01:34:14
End at: 2018-03-21 01:34:44
Local clock offset: -3.829 ms
Remote clock offset: -7.209 ms

Below is generated by plot.py at 2018-03-21 07:16:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.76 Mbit/s
95th percentile per-packet one-way delay: 20.147 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 56.88 Mbit/s
95th percentile per-packet one-way delay: 19.420 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 20.480 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 21.407 ms
Loss rate: 0.22%

Run 6: Report of Copa — Data Link

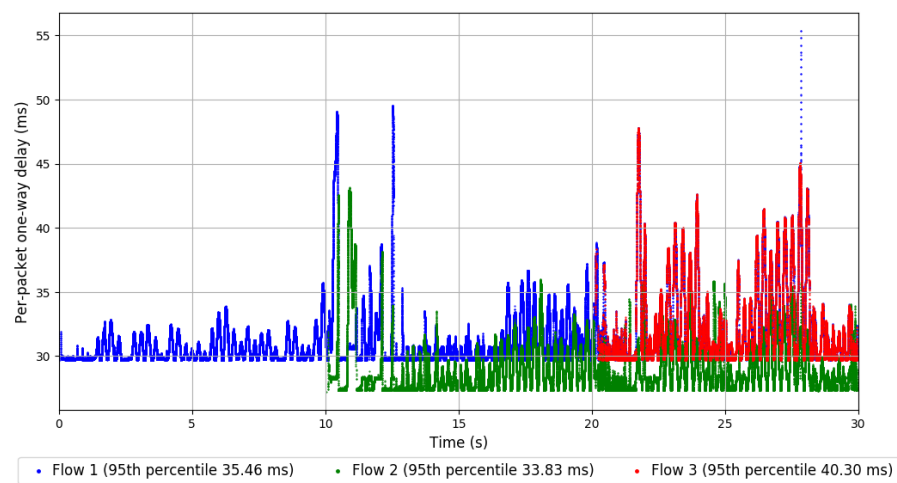
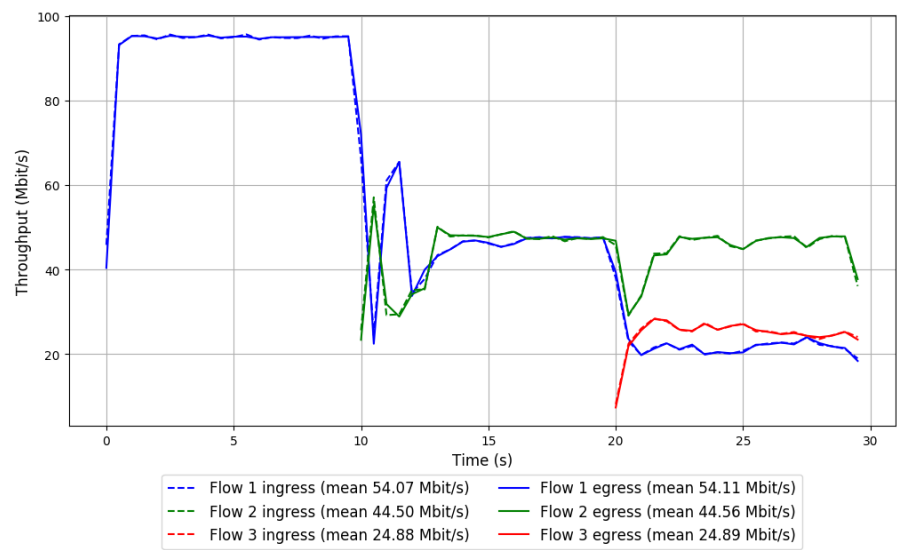


Run 7: Statistics of Copa

Start at: 2018-03-21 01:56:00
End at: 2018-03-21 01:56:30
Local clock offset: -6.968 ms
Remote clock offset: -6.727 ms

Below is generated by plot.py at 2018-03-21 07:16:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: 35.679 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 54.11 Mbit/s
95th percentile per-packet one-way delay: 35.457 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 33.833 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 24.89 Mbit/s
95th percentile per-packet one-way delay: 40.300 ms
Loss rate: 0.45%

Run 7: Report of Copa — Data Link

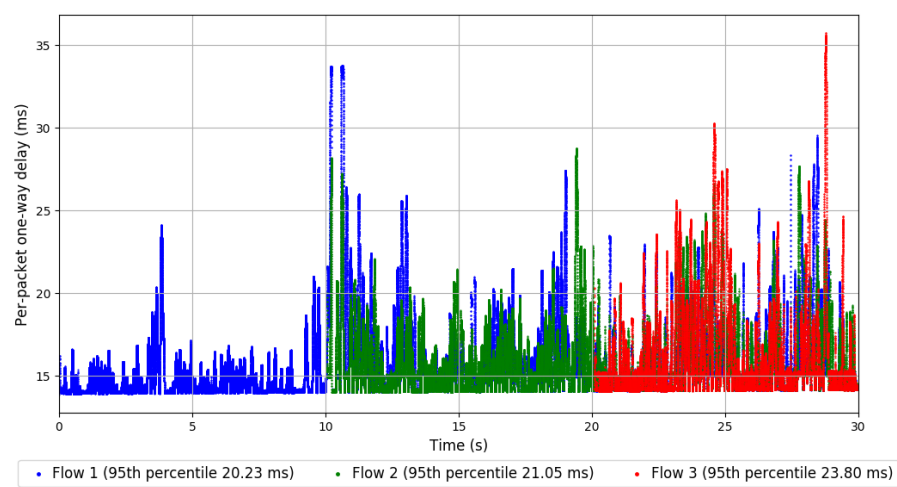
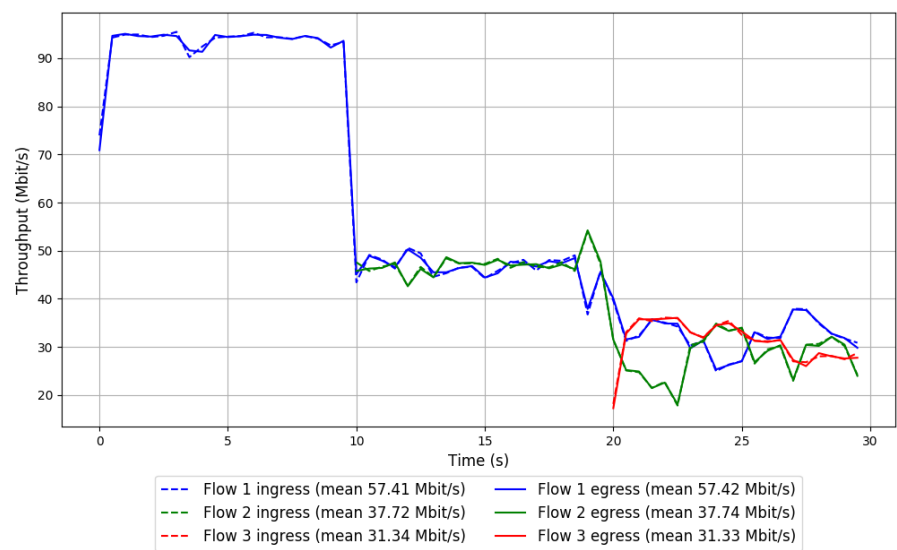


Run 8: Statistics of Copa

Start at: 2018-03-21 02:17:42
End at: 2018-03-21 02:18:12
Local clock offset: -3.568 ms
Remote clock offset: -7.154 ms

Below is generated by plot.py at 2018-03-21 07:16:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 20.853 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.42 Mbit/s
95th percentile per-packet one-way delay: 20.230 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 37.74 Mbit/s
95th percentile per-packet one-way delay: 21.051 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 31.33 Mbit/s
95th percentile per-packet one-way delay: 23.796 ms
Loss rate: 0.28%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-21 02:39:23

End at: 2018-03-21 02:39:53

Local clock offset: -3.599 ms

Remote clock offset: -2.24 ms

Below is generated by plot.py at 2018-03-21 07:18:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 18.132 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 59.27 Mbit/s

95th percentile per-packet one-way delay: 17.911 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 33.40 Mbit/s

95th percentile per-packet one-way delay: 18.395 ms

Loss rate: 0.12%

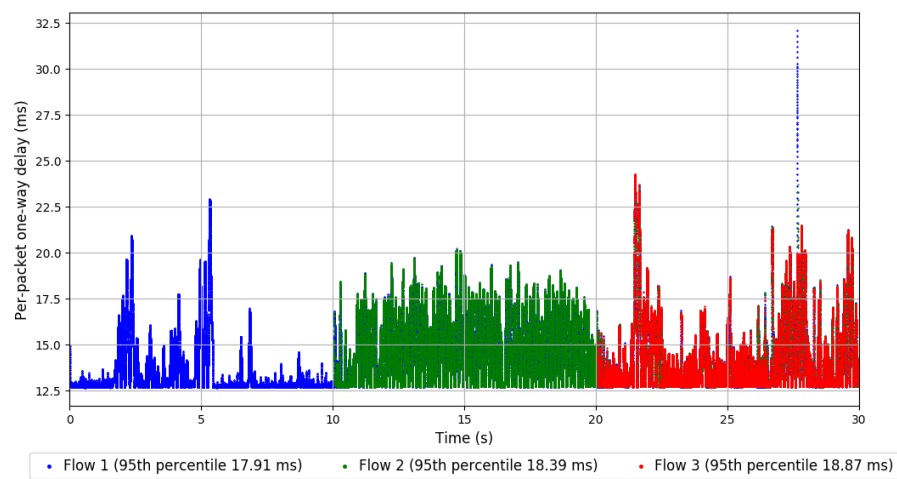
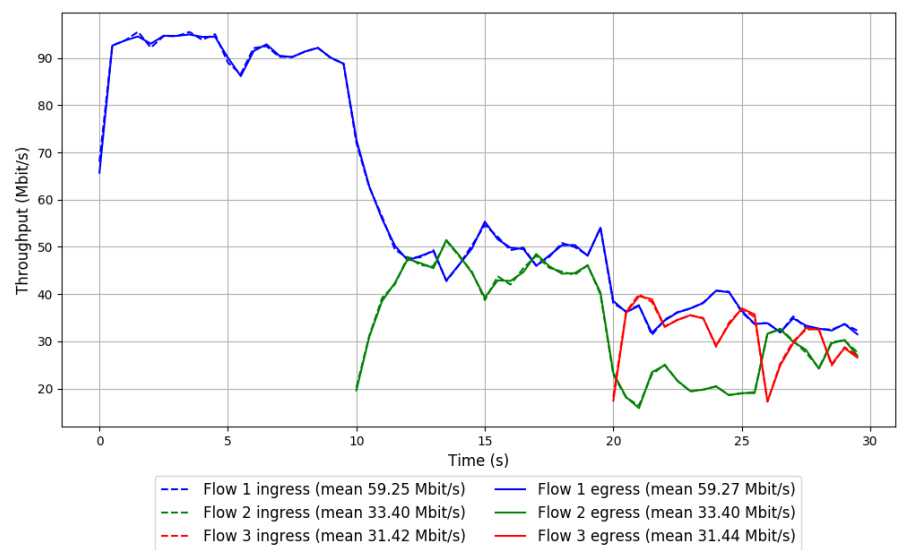
-- Flow 3:

Average throughput: 31.44 Mbit/s

95th percentile per-packet one-way delay: 18.869 ms

Loss rate: 0.19%

Run 9: Report of Copa — Data Link

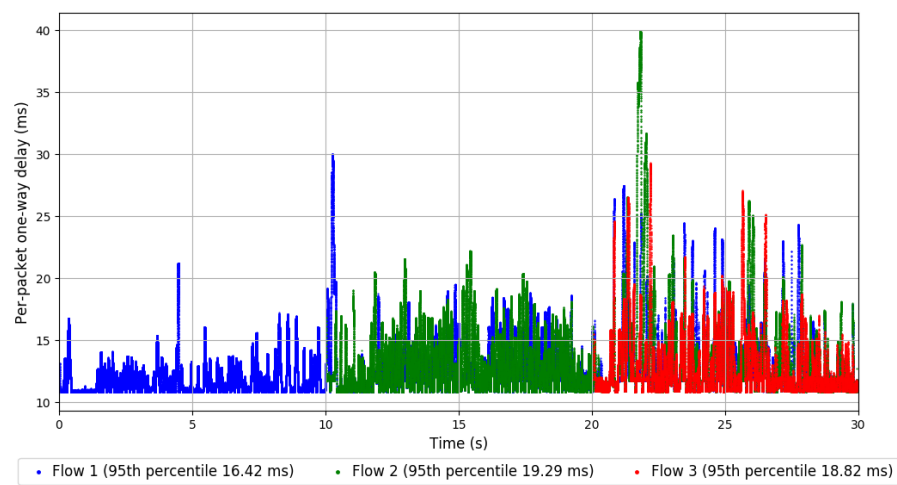
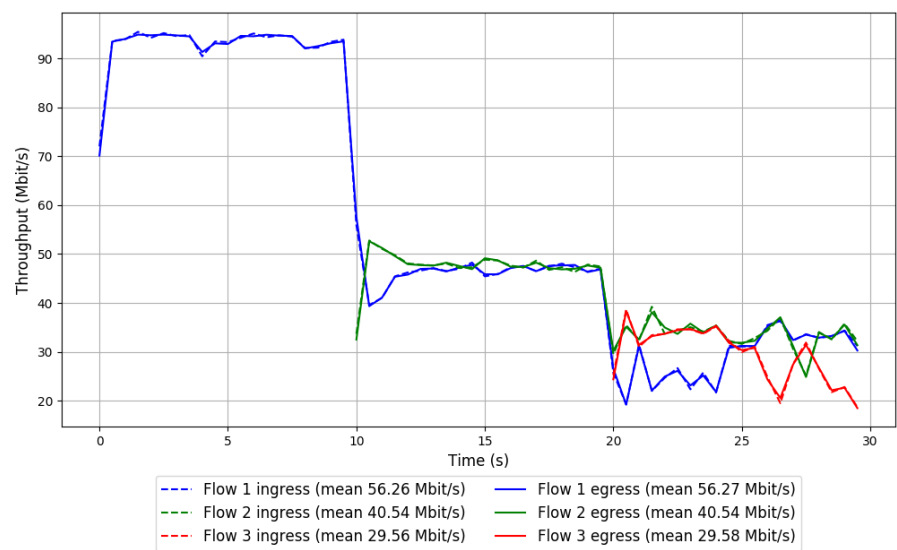


Run 10: Statistics of Copa

Start at: 2018-03-21 03:00:55
End at: 2018-03-21 03:01:25
Local clock offset: -10.61 ms
Remote clock offset: -4.021 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 17.810 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 16.417 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 19.286 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.58 Mbit/s
95th percentile per-packet one-way delay: 18.825 ms
Loss rate: 0.15%

Run 10: Report of Copa — Data Link

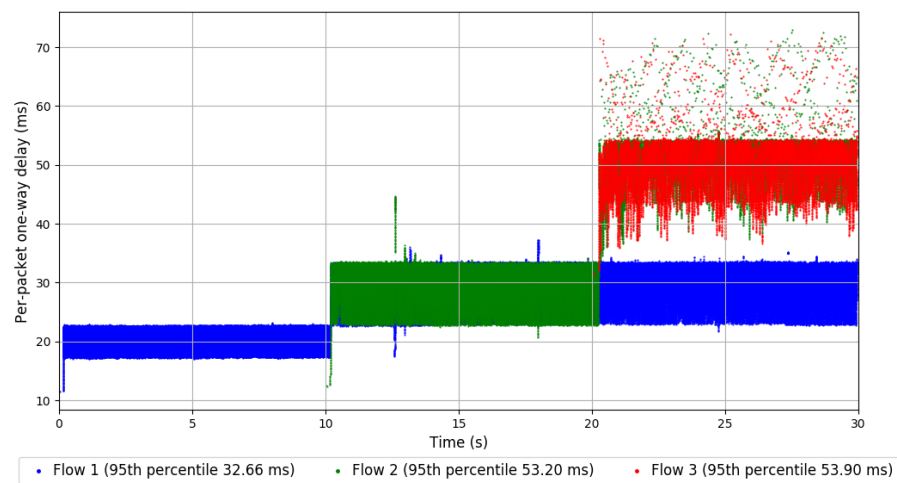
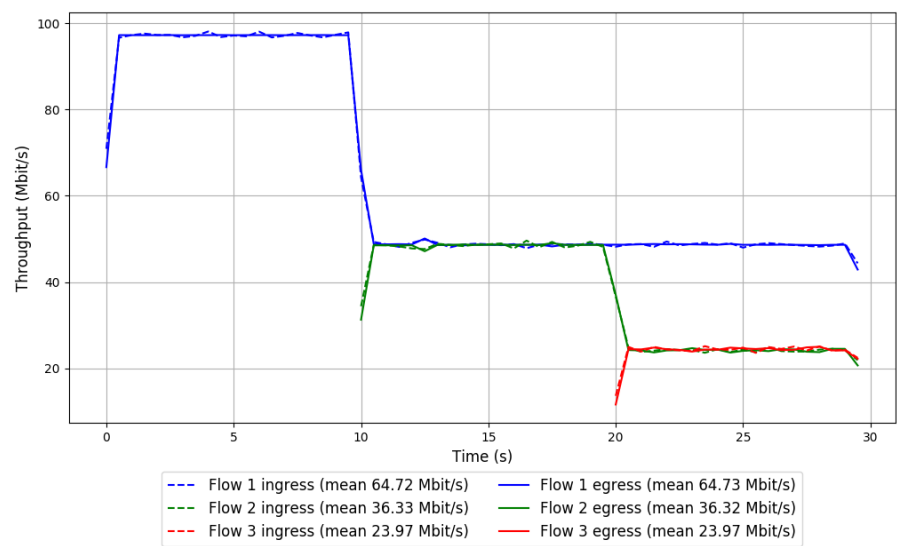


Run 1: Statistics of FillP

Start at: 2018-03-21 00:00:39
End at: 2018-03-21 00:01:09
Local clock offset: -6.367 ms
Remote clock offset: -8.567 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 51.919 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.73 Mbit/s
95th percentile per-packet one-way delay: 32.665 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.32 Mbit/s
95th percentile per-packet one-way delay: 53.199 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.97 Mbit/s
95th percentile per-packet one-way delay: 53.895 ms
Loss rate: 0.57%

Run 1: Report of FillP — Data Link

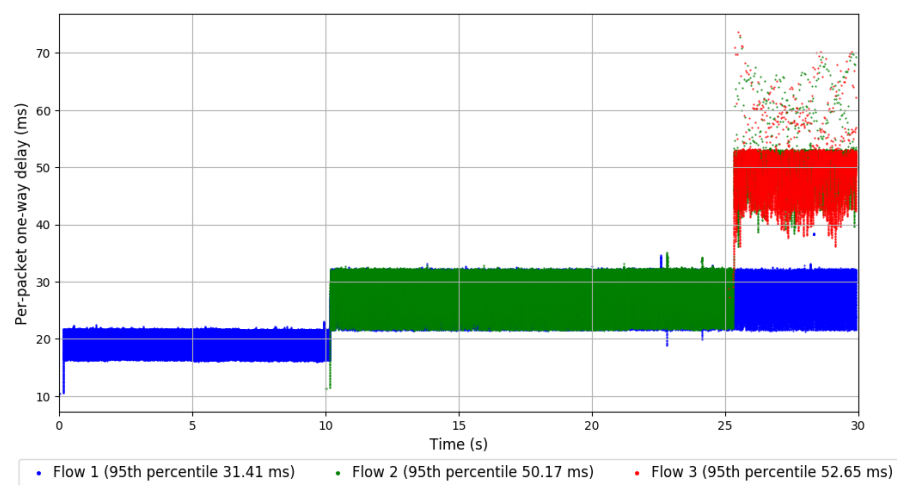
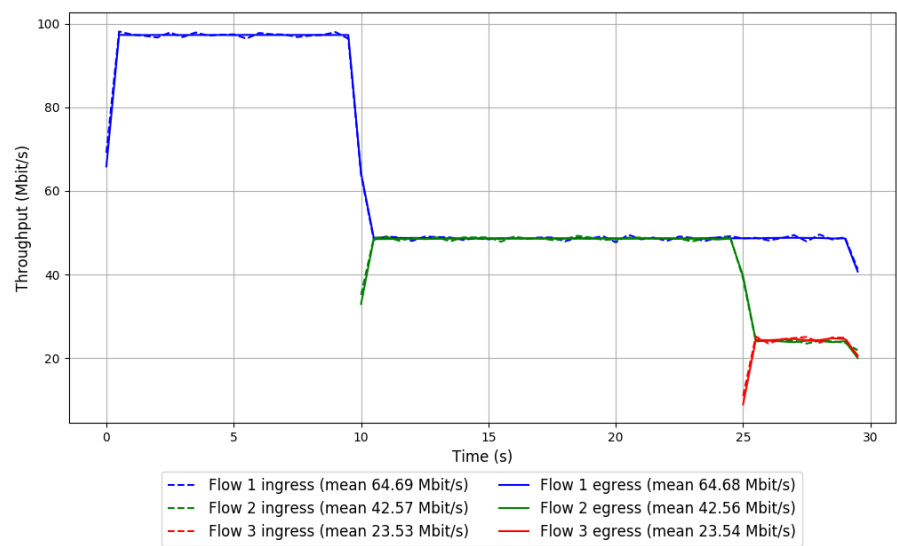


Run 2: Statistics of FillP

Start at: 2018-03-21 00:22:39
End at: 2018-03-21 00:23:09
Local clock offset: -7.895 ms
Remote clock offset: -4.621 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 47.232 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.68 Mbit/s
95th percentile per-packet one-way delay: 31.407 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 42.56 Mbit/s
95th percentile per-packet one-way delay: 50.175 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 23.54 Mbit/s
95th percentile per-packet one-way delay: 52.649 ms
Loss rate: 1.07%

Run 2: Report of FillP — Data Link

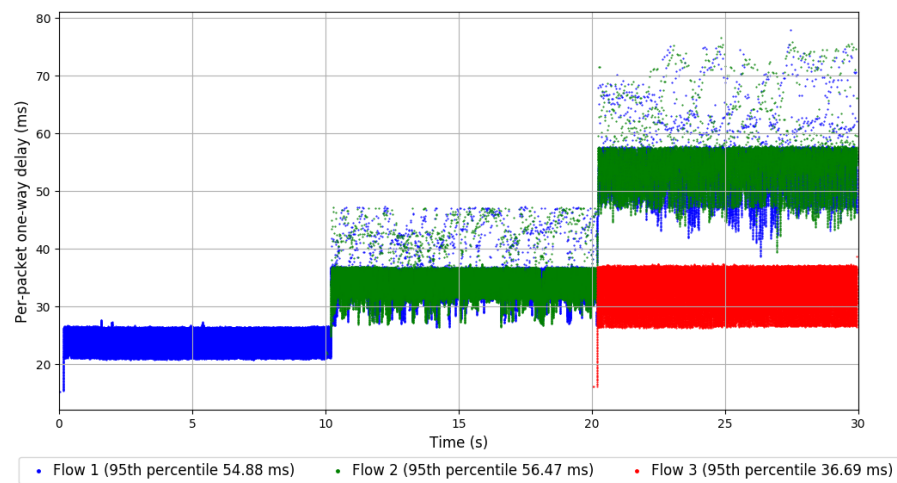
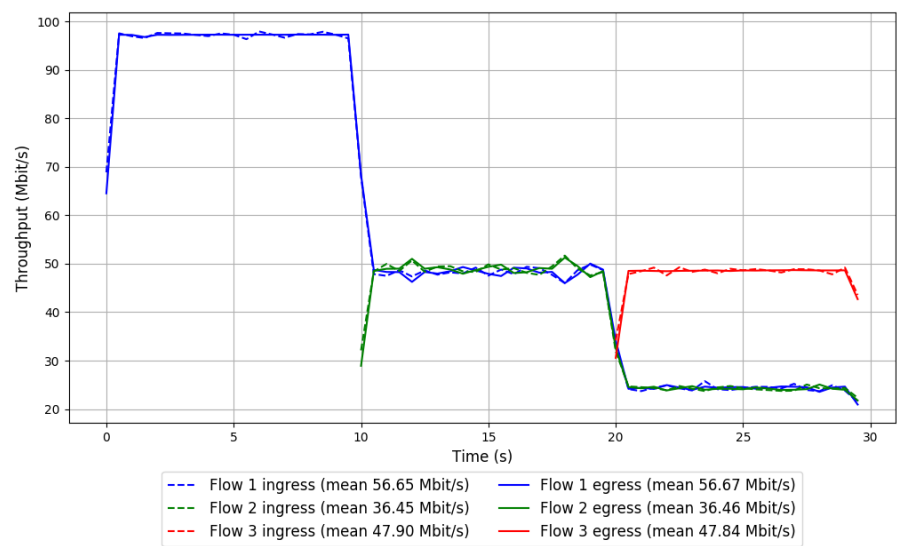


Run 3: Statistics of FillP

Start at: 2018-03-21 00:44:27
End at: 2018-03-21 00:44:57
Local clock offset: -2.822 ms
Remote clock offset: -3.067 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 55.311 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.67 Mbit/s
95th percentile per-packet one-way delay: 54.881 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 56.471 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 36.687 ms
Loss rate: 0.44%

Run 3: Report of FillP — Data Link

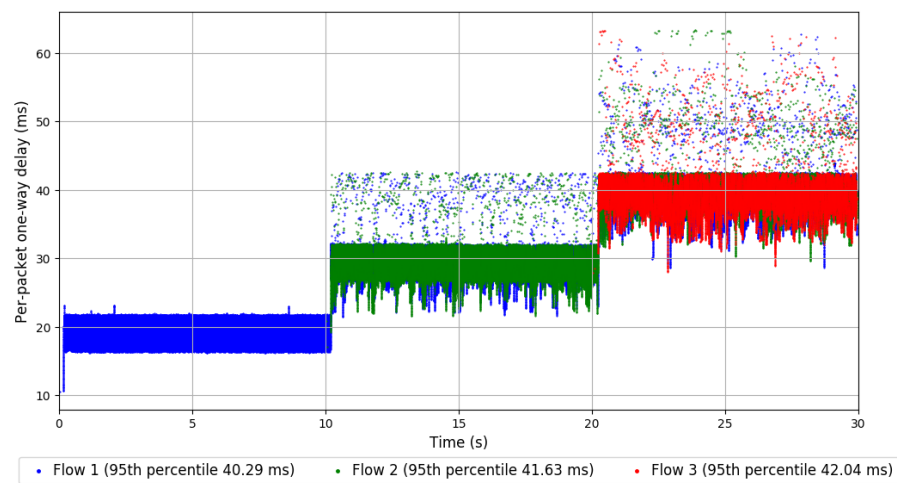
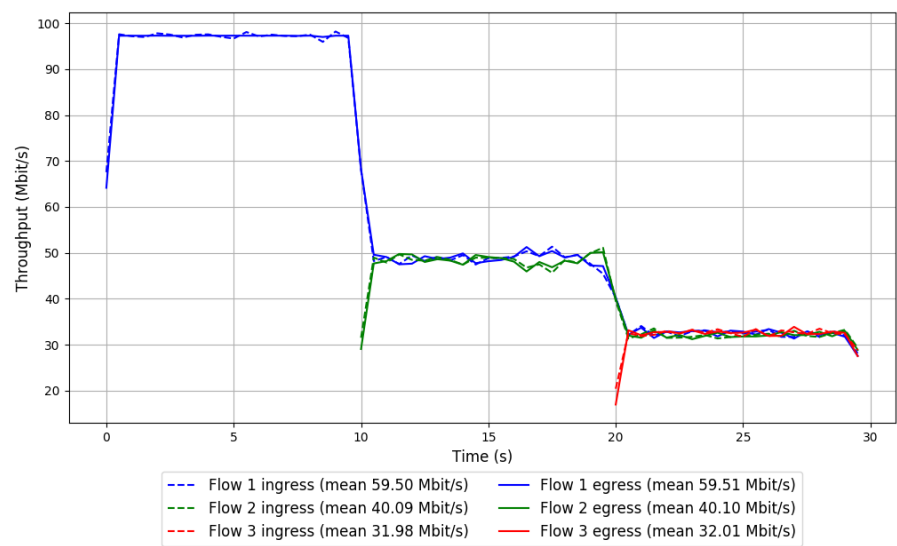


Run 4: Statistics of FillP

Start at: 2018-03-21 01:05:41
End at: 2018-03-21 01:06:11
Local clock offset: -6.016 ms
Remote clock offset: -0.725 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 41.276 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 40.291 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 41.634 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 42.036 ms
Loss rate: 0.61%

Run 4: Report of FillP — Data Link

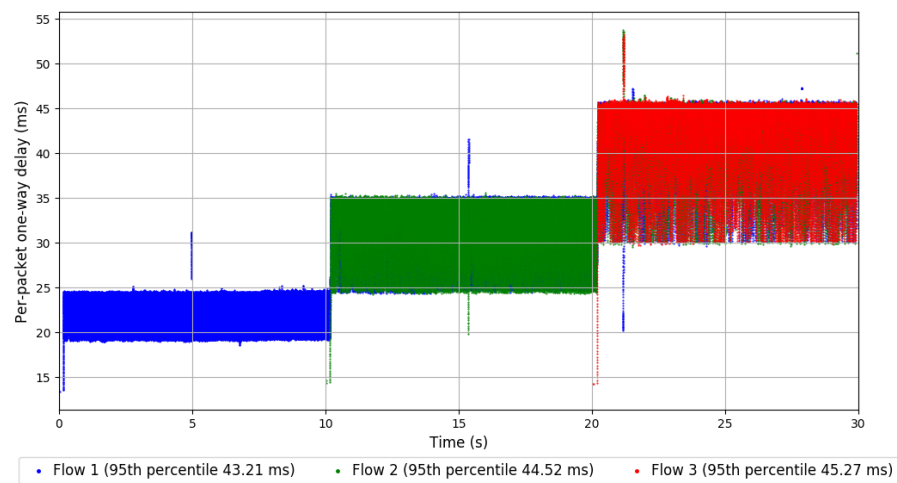
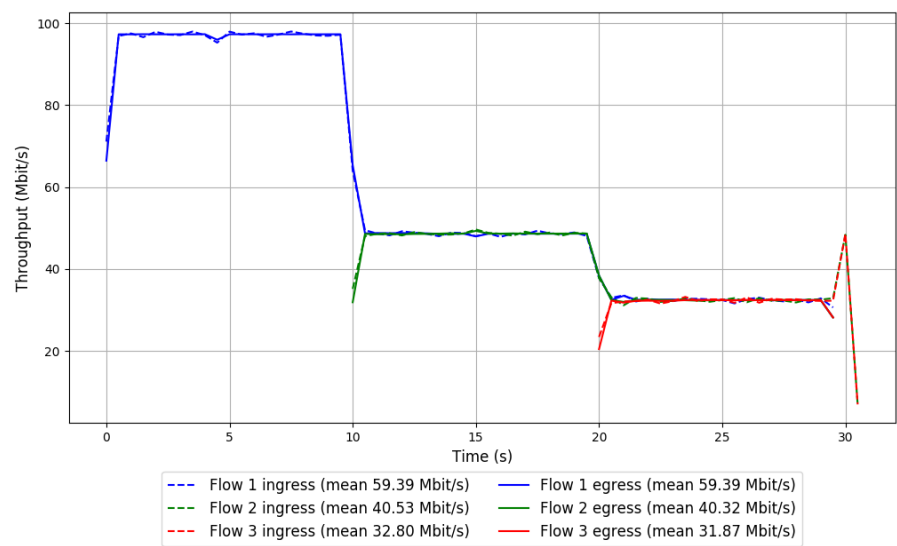


Run 5: Statistics of FillP

Start at: 2018-03-21 01:27:08
End at: 2018-03-21 01:27:38
Local clock offset: -3.003 ms
Remote clock offset: -4.976 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 44.366 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 59.39 Mbit/s
95th percentile per-packet one-way delay: 43.207 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 44.524 ms
Loss rate: 3.73%
-- Flow 3:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 45.268 ms
Loss rate: 8.98%

Run 5: Report of FillP — Data Link

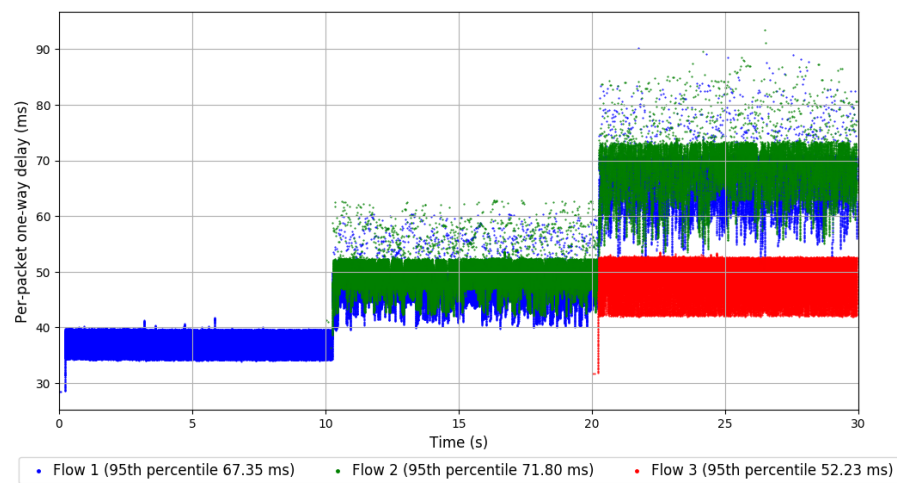
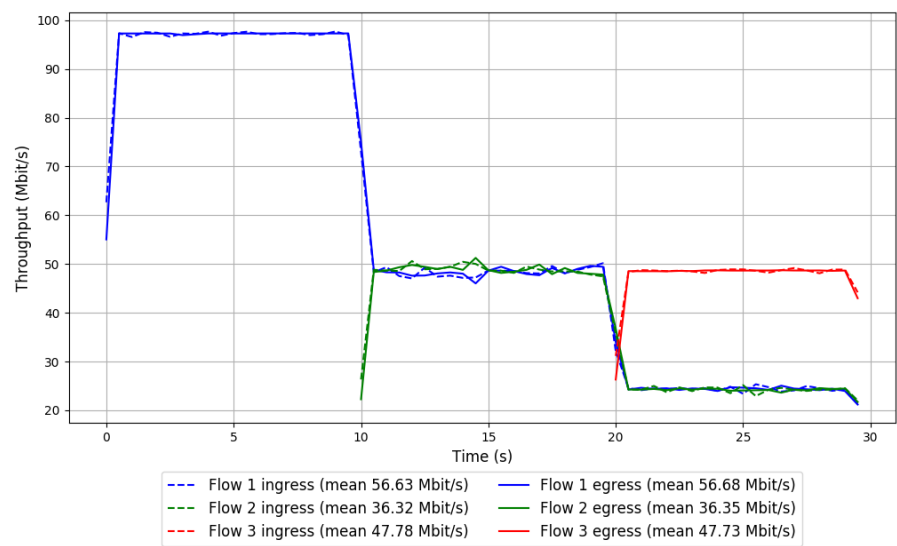


Run 6: Statistics of FillP

Start at: 2018-03-21 01:48:46
End at: 2018-03-21 01:49:16
Local clock offset: -4.871 ms
Remote clock offset: -5.779 ms

Below is generated by plot.py at 2018-03-21 07:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 69.057 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 67.349 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 71.798 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 47.73 Mbit/s
95th percentile per-packet one-way delay: 52.228 ms
Loss rate: 0.65%

Run 6: Report of FillP — Data Link

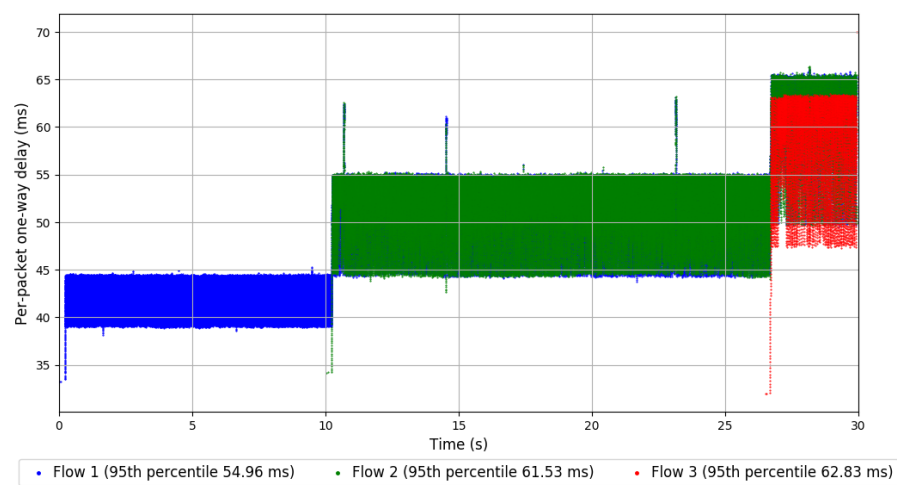
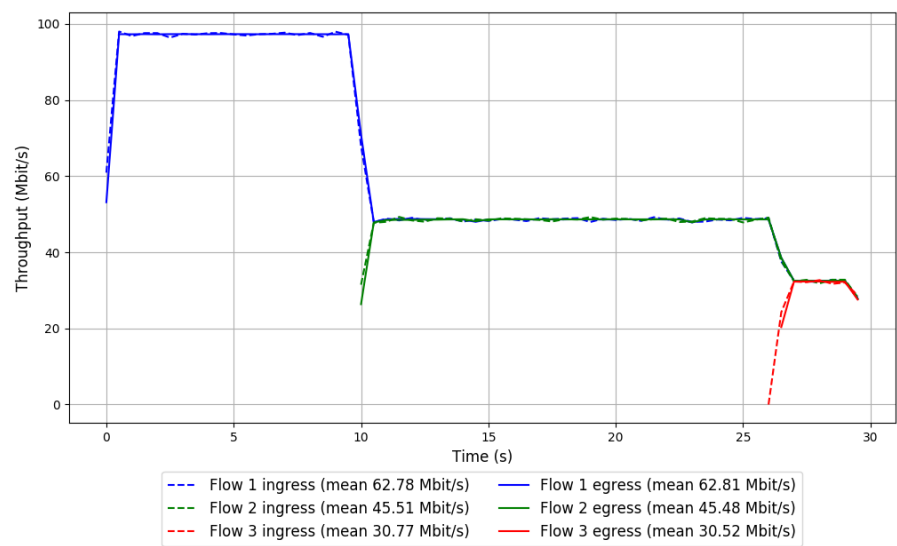


Run 7: Statistics of FillP

Start at: 2018-03-21 02:10:38
End at: 2018-03-21 02:11:08
Local clock offset: -3.042 ms
Remote clock offset: -6.969 ms

Below is generated by plot.py at 2018-03-21 07:19:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 60.438 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 62.81 Mbit/s
95th percentile per-packet one-way delay: 54.957 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 61.531 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.52 Mbit/s
95th percentile per-packet one-way delay: 62.830 ms
Loss rate: 2.03%

Run 7: Report of FillP — Data Link

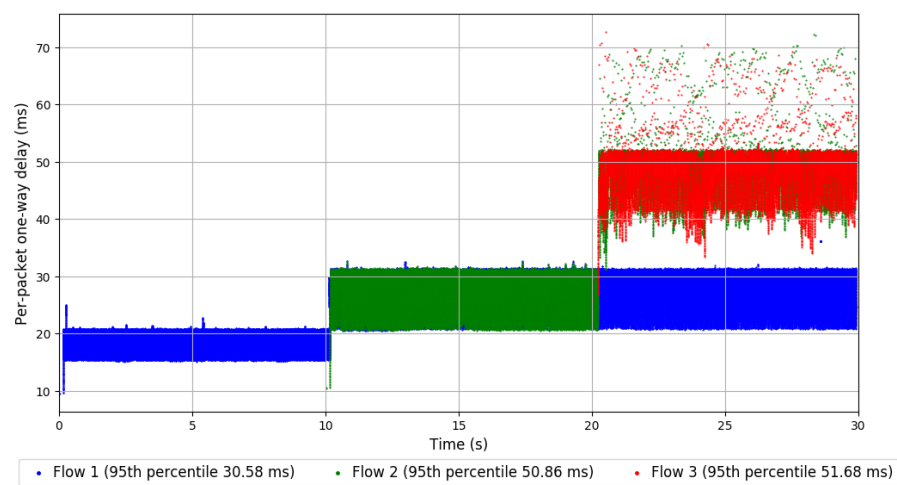
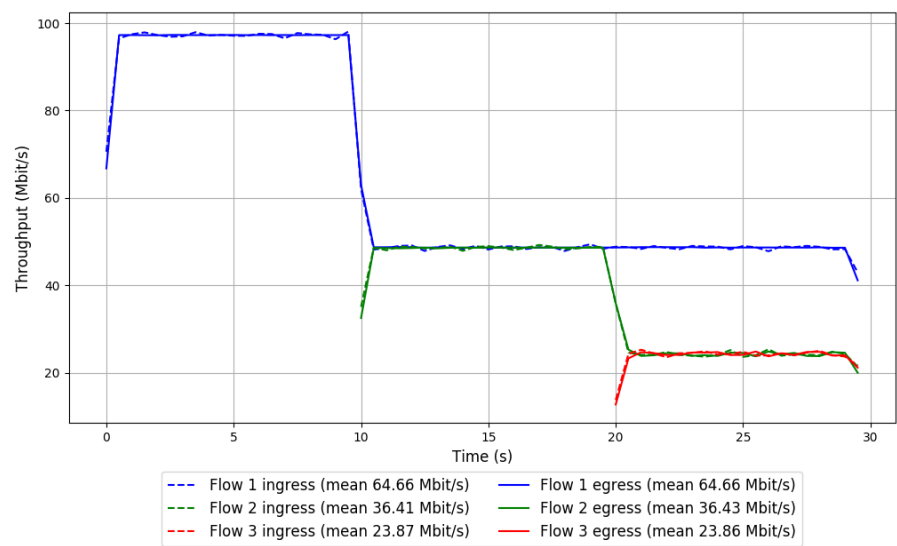


Run 8: Statistics of FillP

Start at: 2018-03-21 02:32:07
End at: 2018-03-21 02:32:37
Local clock offset: -6.276 ms
Remote clock offset: -2.286 ms

Below is generated by plot.py at 2018-03-21 07:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 49.752 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.66 Mbit/s
95th percentile per-packet one-way delay: 30.584 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.43 Mbit/s
95th percentile per-packet one-way delay: 50.862 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 51.683 ms
Loss rate: 0.54%

Run 8: Report of FillP — Data Link

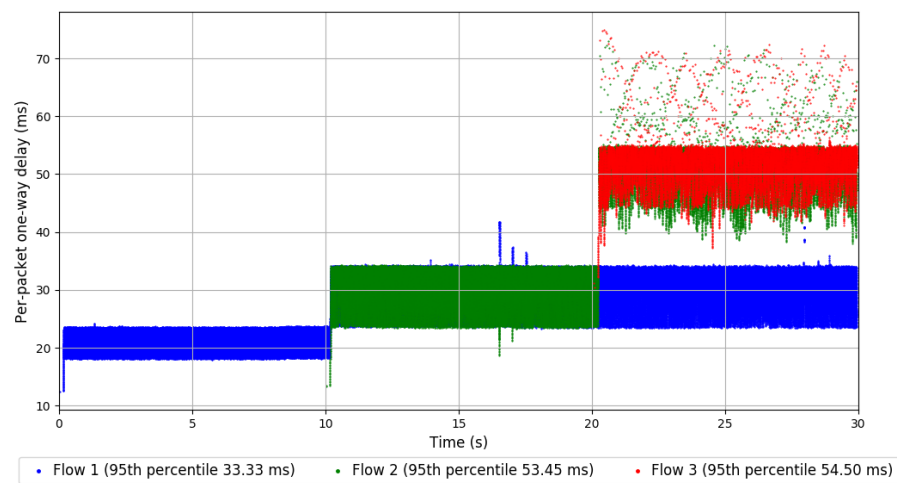
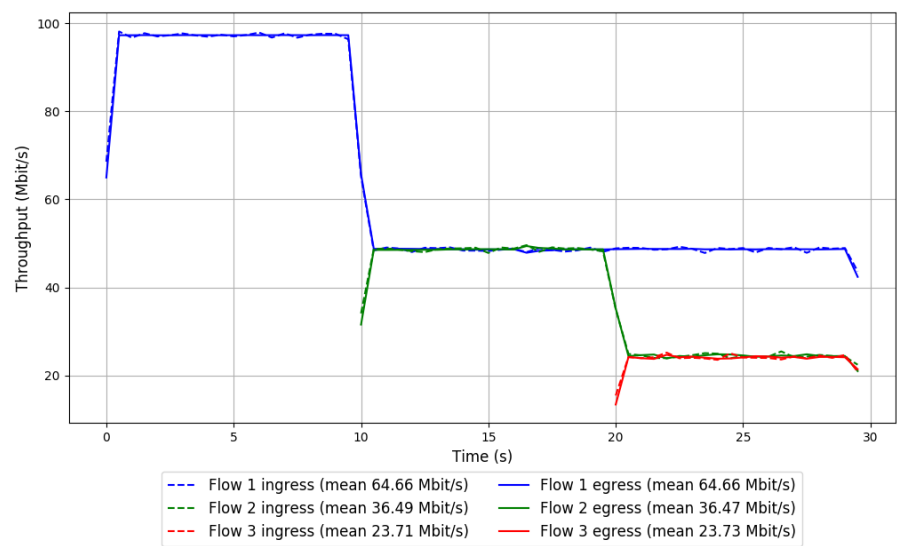


Run 9: Statistics of FillP

Start at: 2018-03-21 02:53:43
End at: 2018-03-21 02:54:13
Local clock offset: -7.771 ms
Remote clock offset: -3.237 ms

Below is generated by plot.py at 2018-03-21 07:19:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.76 Mbit/s
95th percentile per-packet one-way delay: 52.455 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.66 Mbit/s
95th percentile per-packet one-way delay: 33.334 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.47 Mbit/s
95th percentile per-packet one-way delay: 53.446 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.73 Mbit/s
95th percentile per-packet one-way delay: 54.503 ms
Loss rate: 0.48%

Run 9: Report of FillP — Data Link

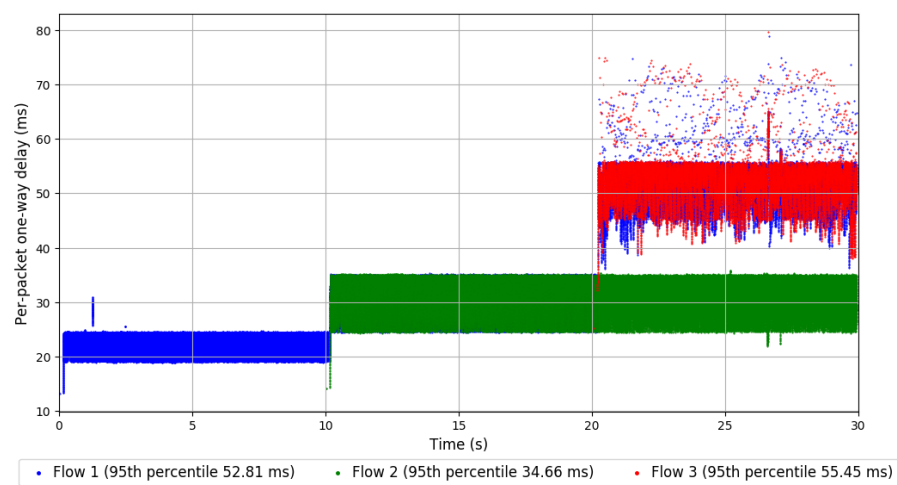
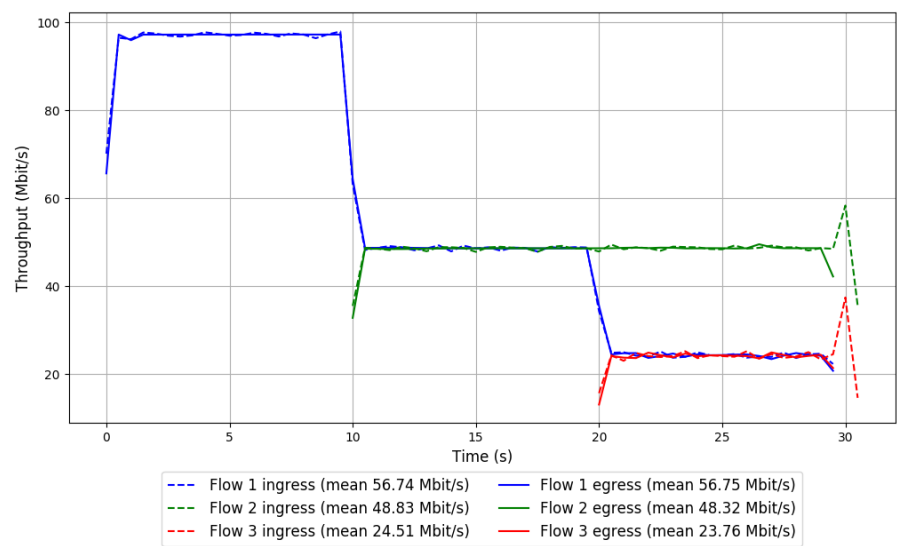


Run 10: Statistics of FillP

Start at: 2018-03-21 03:15:09
End at: 2018-03-21 03:15:39
Local clock offset: -9.041 ms
Remote clock offset: -4.224 ms

Below is generated by plot.py at 2018-03-21 07:19:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 53.316 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 56.75 Mbit/s
95th percentile per-packet one-way delay: 52.806 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.32 Mbit/s
95th percentile per-packet one-way delay: 34.656 ms
Loss rate: 5.08%
-- Flow 3:
Average throughput: 23.76 Mbit/s
95th percentile per-packet one-way delay: 55.449 ms
Loss rate: 10.86%

Run 10: Report of FillP — Data Link

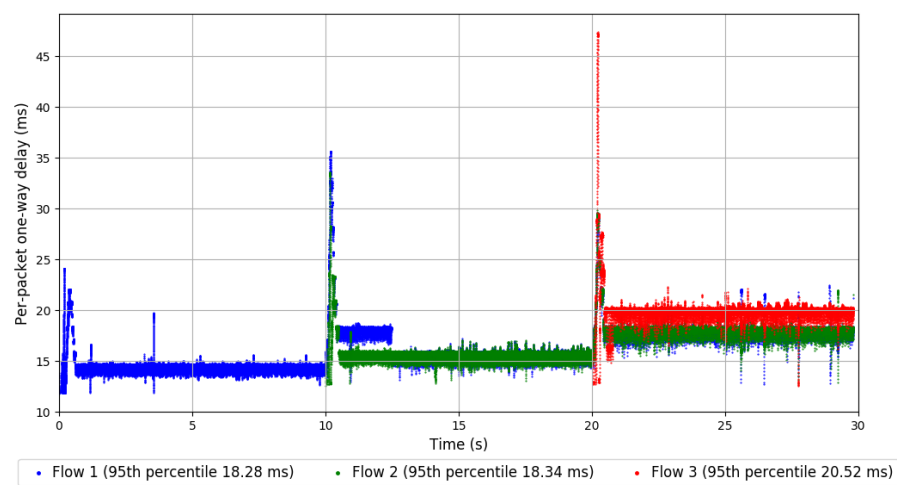
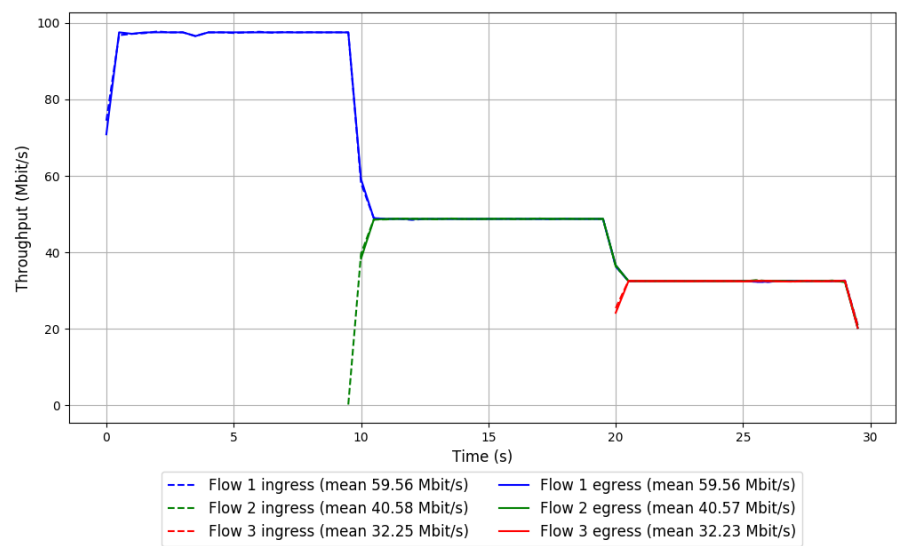


Run 1: Statistics of Indigo-1-32

Start at: 2018-03-20 23:54:39
End at: 2018-03-20 23:55:09
Local clock offset: -6.044 ms
Remote clock offset: -8.128 ms

Below is generated by plot.py at 2018-03-21 07:19:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 20.085 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.56 Mbit/s
95th percentile per-packet one-way delay: 18.283 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 18.343 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 20.525 ms
Loss rate: 0.32%

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

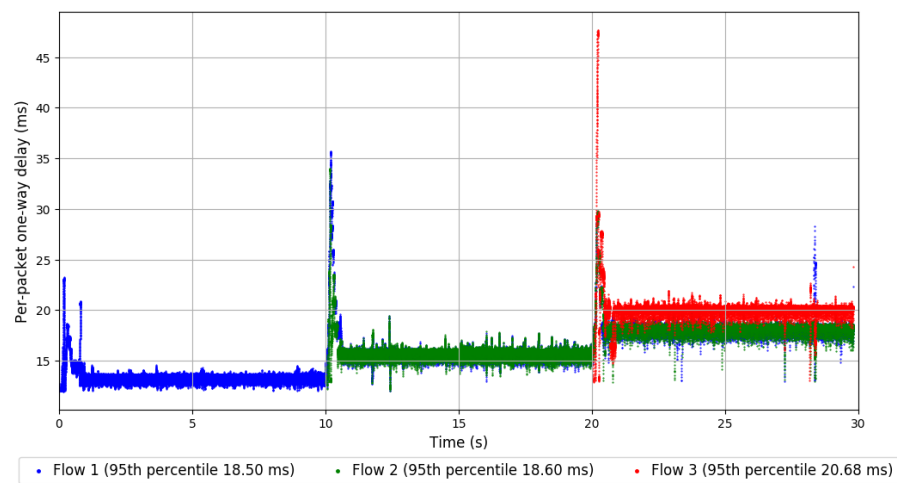
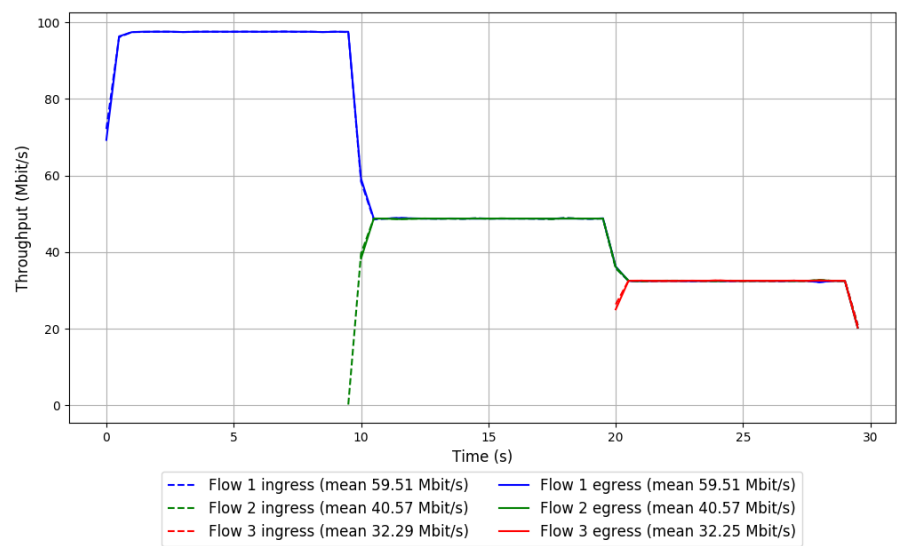


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-21 00:16:20
End at: 2018-03-21 00:16:50
Local clock offset: -5.864 ms
Remote clock offset: -4.429 ms

Below is generated by plot.py at 2018-03-21 07:19:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 20.274 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 18.502 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.57 Mbit/s
95th percentile per-packet one-way delay: 18.596 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 20.681 ms
Loss rate: 0.31%

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

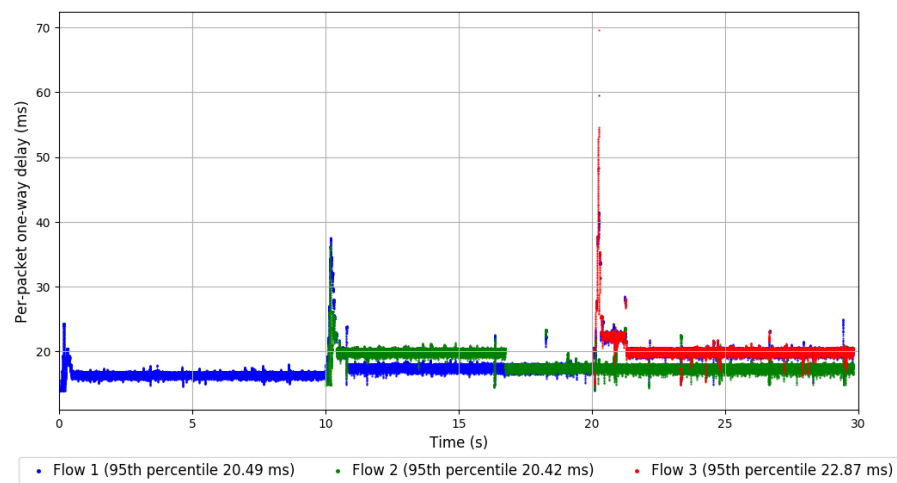
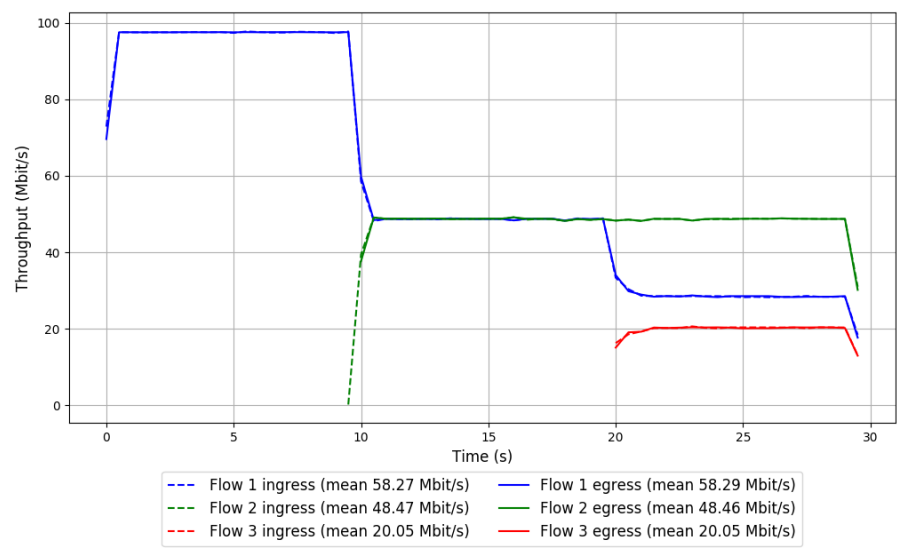


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-21 00:38:20
End at: 2018-03-21 00:38:50
Local clock offset: -3.118 ms
Remote clock offset: -2.454 ms

Below is generated by plot.py at 2018-03-21 07:19:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 20.505 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.29 Mbit/s
95th percentile per-packet one-way delay: 20.492 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.46 Mbit/s
95th percentile per-packet one-way delay: 20.421 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 22.873 ms
Loss rate: 0.30%

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

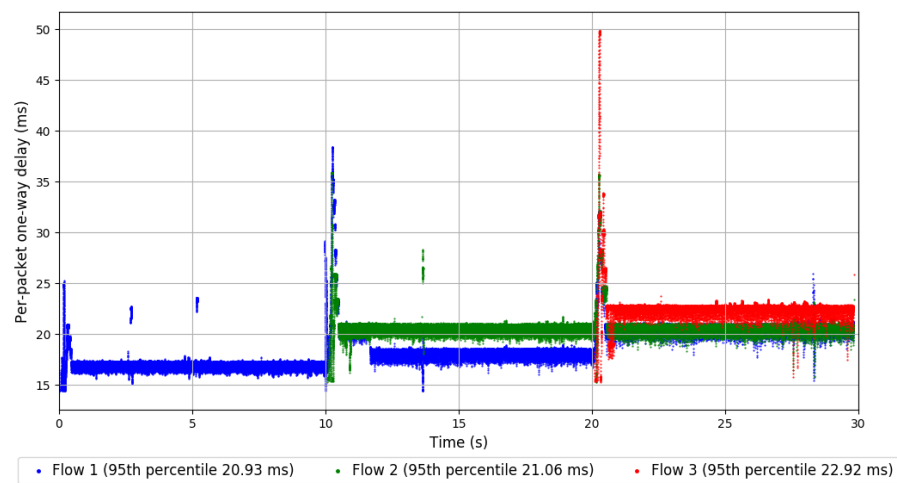
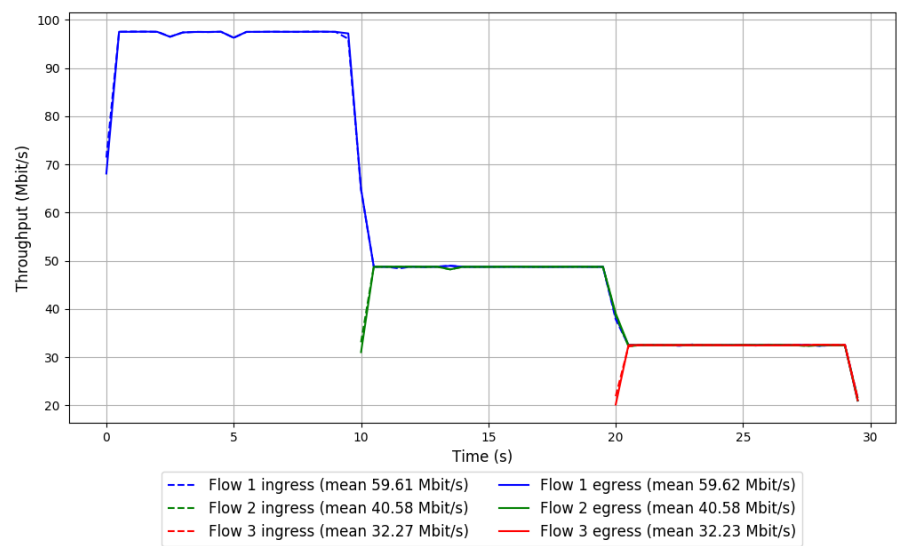


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-21 00:59:42
End at: 2018-03-21 01:00:12
Local clock offset: -2.812 ms
Remote clock offset: -1.597 ms

Below is generated by plot.py at 2018-03-21 07:19:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 22.689 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 20.927 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.58 Mbit/s
95th percentile per-packet one-way delay: 21.060 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 22.916 ms
Loss rate: 0.32%

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

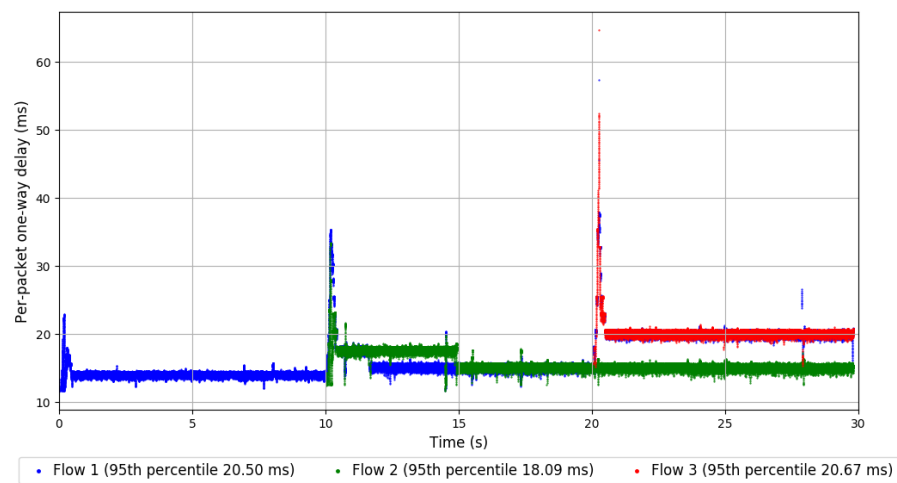
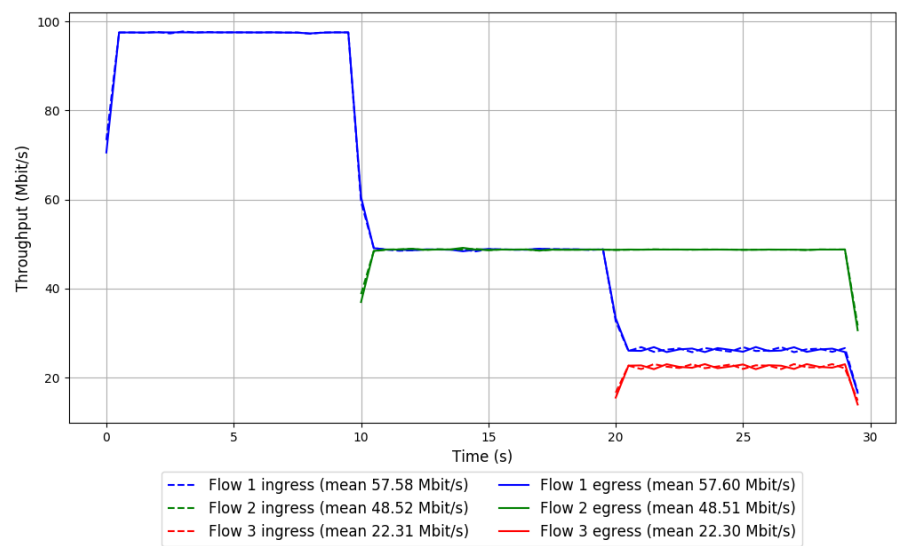


Run 5: Statistics of Indigo-1-32

Start at: 2018-03-21 01:21:09
End at: 2018-03-21 01:21:39
Local clock offset: -5.117 ms
Remote clock offset: -4.586 ms

Below is generated by plot.py at 2018-03-21 07:20:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 20.526 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 57.60 Mbit/s
95th percentile per-packet one-way delay: 20.497 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 18.094 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 22.30 Mbit/s
95th percentile per-packet one-way delay: 20.671 ms
Loss rate: 0.32%

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

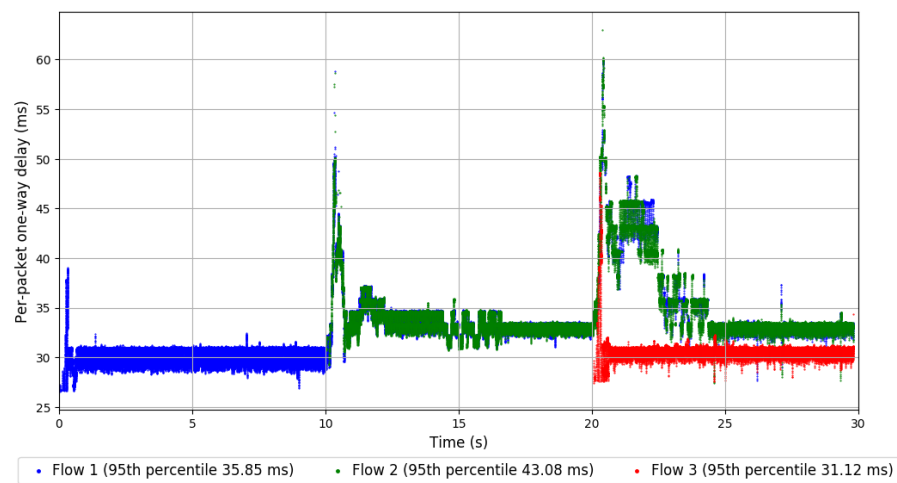
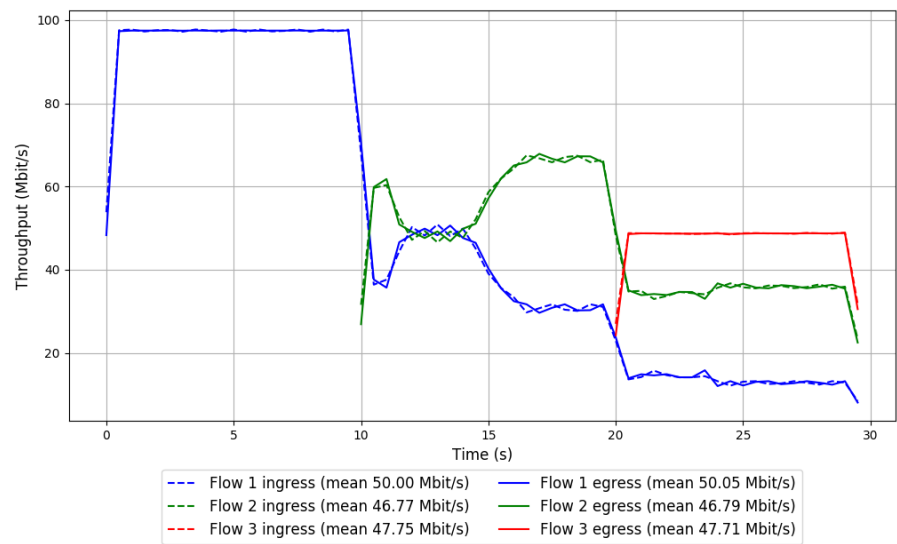


Run 6: Statistics of Indigo-1-32

Start at: 2018-03-21 01:42:26
End at: 2018-03-21 01:42:56
Local clock offset: -6.757 ms
Remote clock offset: -6.195 ms

Below is generated by plot.py at 2018-03-21 07:20:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 39.037 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 50.05 Mbit/s
95th percentile per-packet one-way delay: 35.848 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 43.080 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 47.71 Mbit/s
95th percentile per-packet one-way delay: 31.123 ms
Loss rate: 0.46%

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

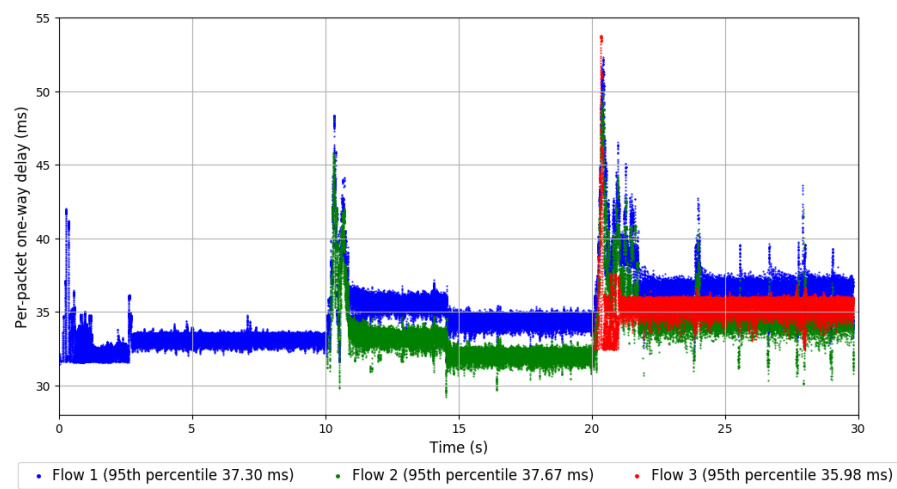
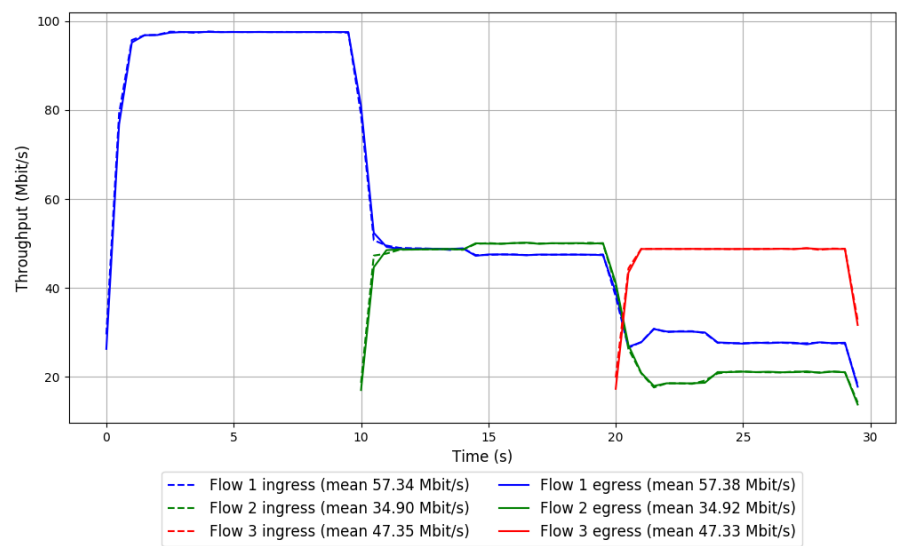


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-21 02:04:21
End at: 2018-03-21 02:04:51
Local clock offset: -5.682 ms
Remote clock offset: -7.583 ms

Below is generated by plot.py at 2018-03-21 07:20:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 37.144 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 57.38 Mbit/s
95th percentile per-packet one-way delay: 37.302 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.92 Mbit/s
95th percentile per-packet one-way delay: 37.668 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 35.982 ms
Loss rate: 0.49%

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

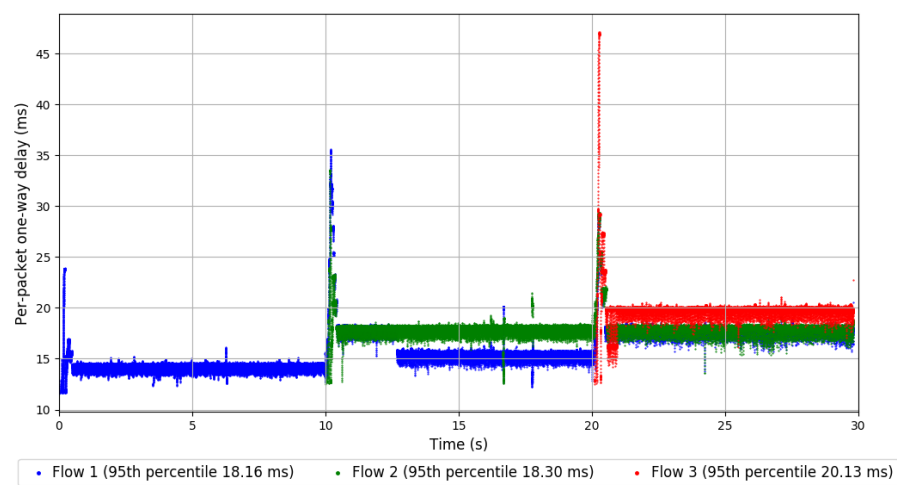
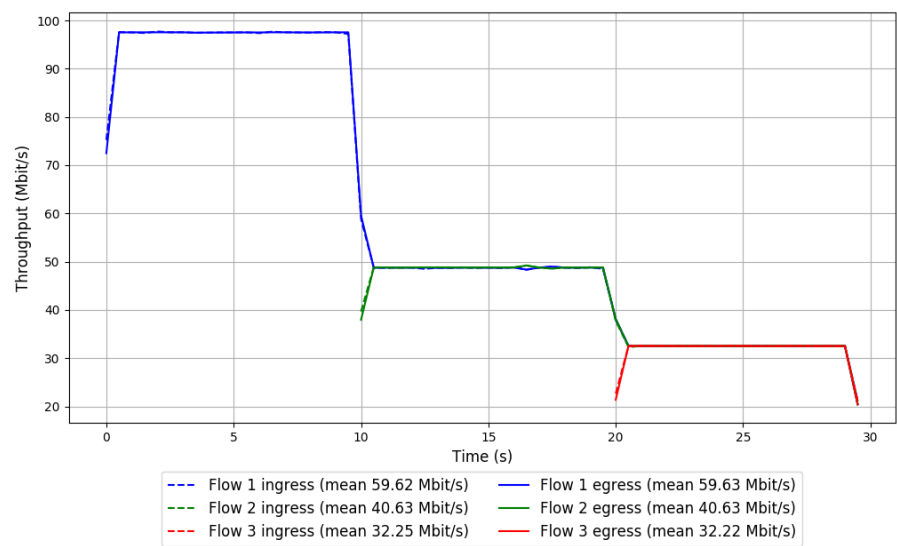


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-21 02:25:51
End at: 2018-03-21 02:26:21
Local clock offset: -5.443 ms
Remote clock offset: -4.354 ms

Below is generated by plot.py at 2018-03-21 07:21:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 19.966 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 18.164 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 18.301 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 20.133 ms
Loss rate: 0.32%

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

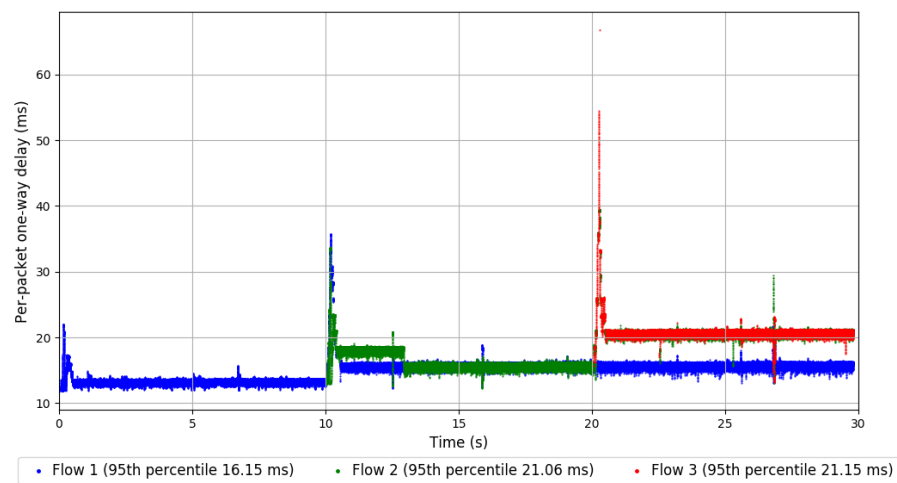
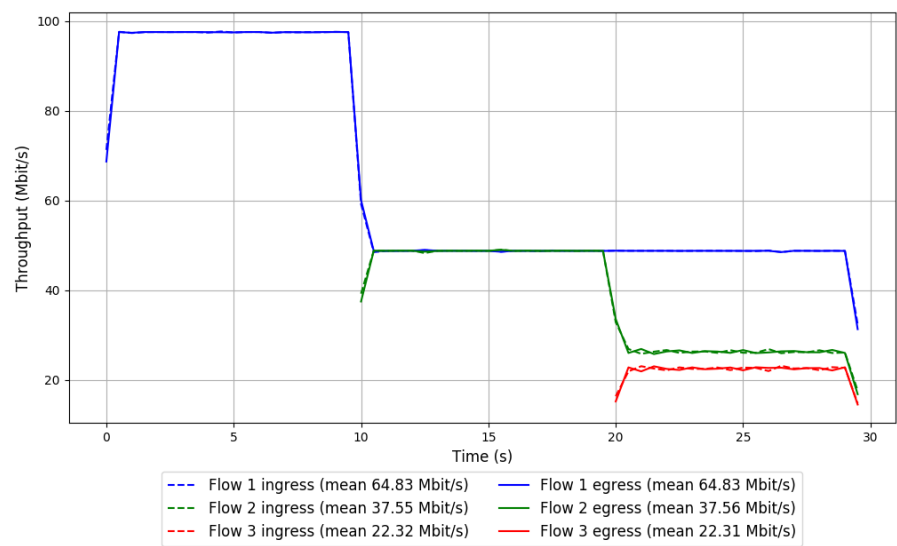


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-21 02:47:40
End at: 2018-03-21 02:48:10
Local clock offset: -5.216 ms
Remote clock offset: -1.759 ms

Below is generated by plot.py at 2018-03-21 07:21:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 20.995 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 16.153 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 21.056 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 22.31 Mbit/s
95th percentile per-packet one-way delay: 21.152 ms
Loss rate: 0.32%

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

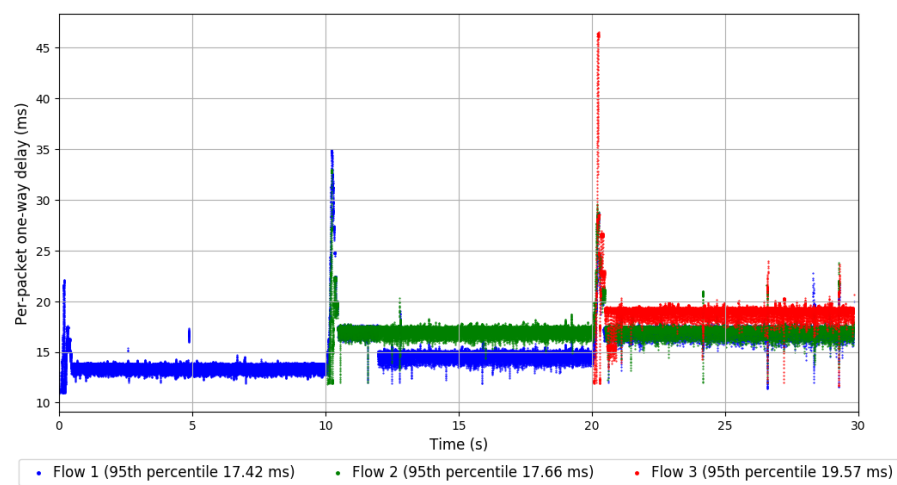
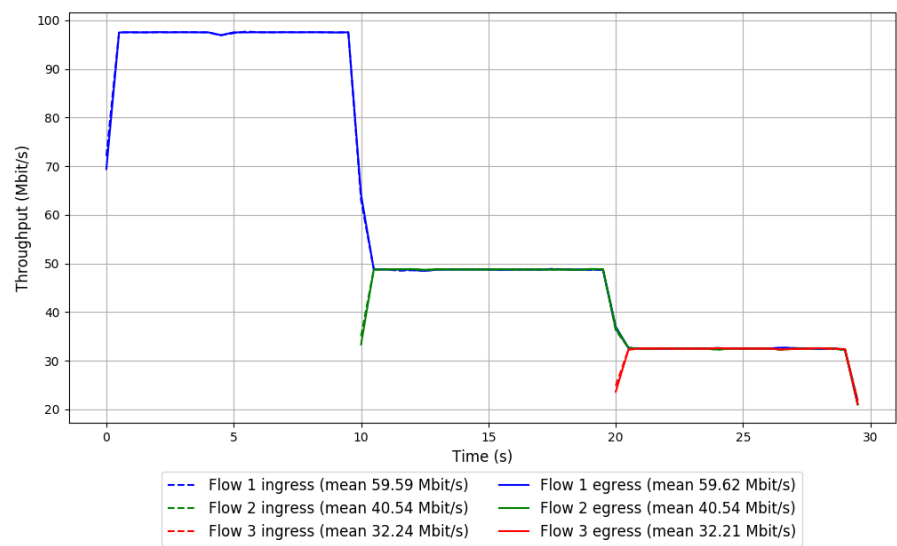


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-21 03:09:00
End at: 2018-03-21 03:09:30
Local clock offset: -12.189 ms
Remote clock offset: -5.303 ms

Below is generated by plot.py at 2018-03-21 07:21:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 19.215 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.62 Mbit/s
95th percentile per-packet one-way delay: 17.418 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.54 Mbit/s
95th percentile per-packet one-way delay: 17.660 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 19.567 ms
Loss rate: 0.31%

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

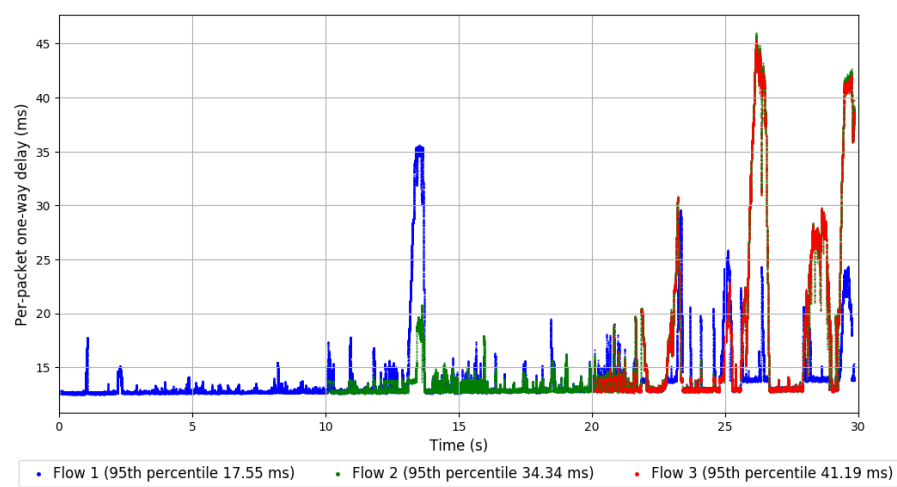
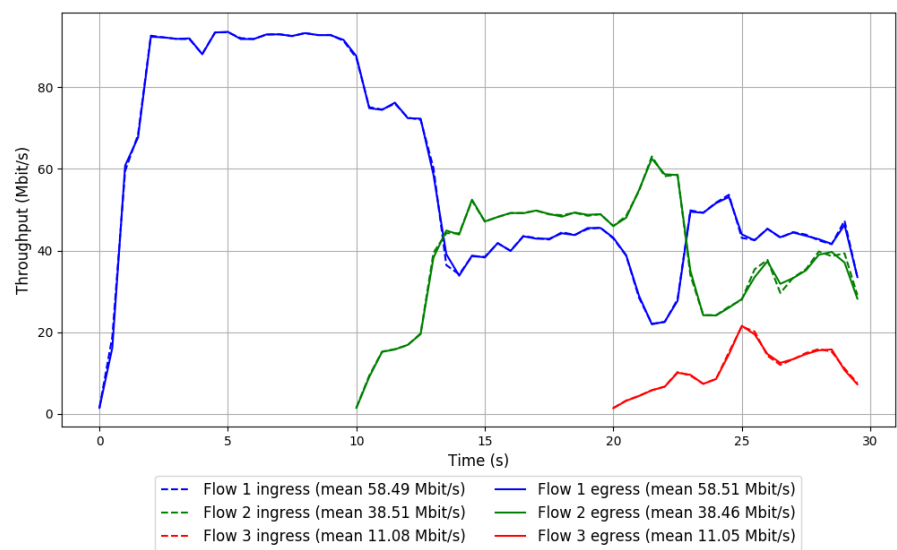


Run 1: Statistics of Vivace-latency

Start at: 2018-03-20 23:59:25
End at: 2018-03-20 23:59:55
Local clock offset: -5.987 ms
Remote clock offset: -10.014 ms

Below is generated by plot.py at 2018-03-21 07:21:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 24.946 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 58.51 Mbit/s
95th percentile per-packet one-way delay: 17.555 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 34.341 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 41.190 ms
Loss rate: 0.48%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-21 00:21:27

End at: 2018-03-21 00:21:57

Local clock offset: -3.776 ms

Remote clock offset: -3.94 ms

Below is generated by plot.py at 2018-03-21 07:21:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 19.328 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 59.87 Mbit/s

95th percentile per-packet one-way delay: 17.662 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 31.75 Mbit/s

95th percentile per-packet one-way delay: 27.332 ms

Loss rate: 0.06%

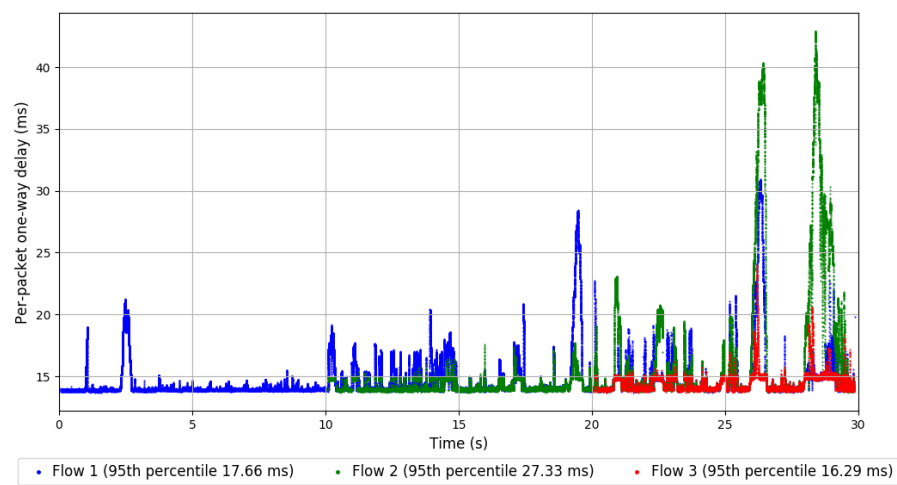
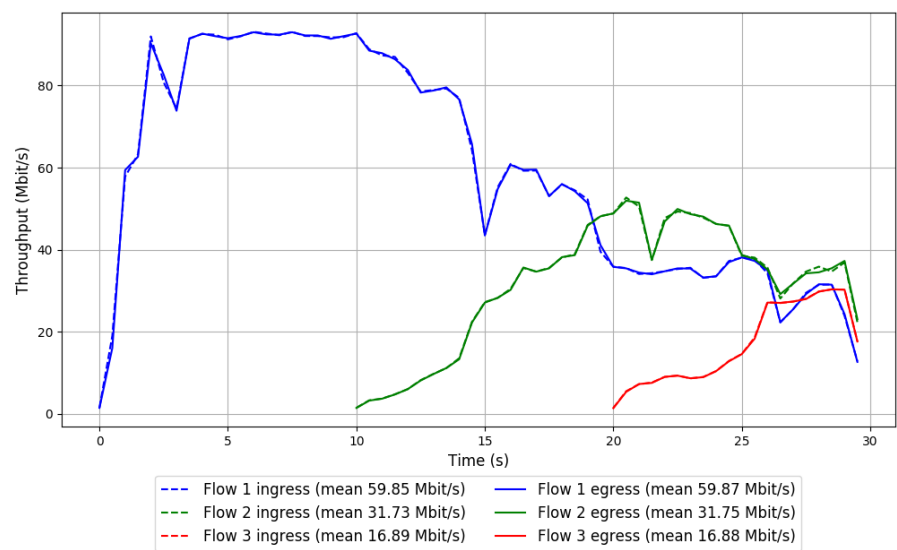
-- Flow 3:

Average throughput: 16.88 Mbit/s

95th percentile per-packet one-way delay: 16.294 ms

Loss rate: 0.28%

Run 2: Report of Vivace-latency — Data Link

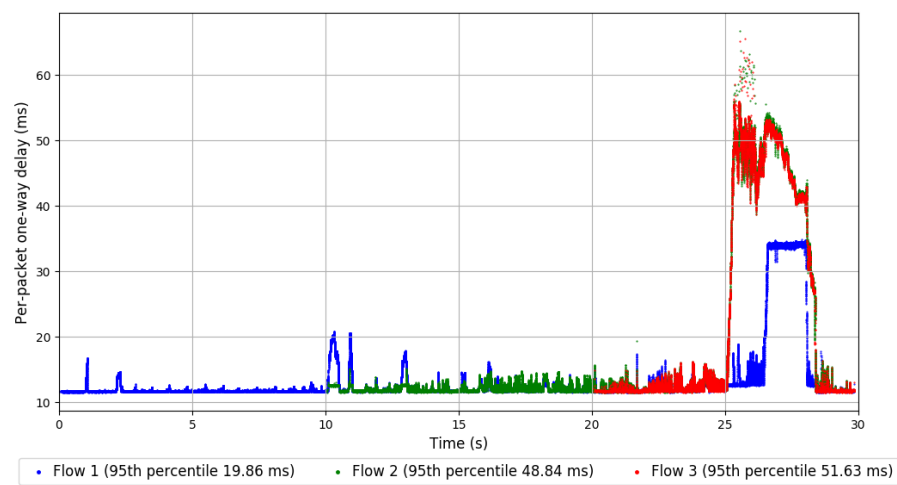
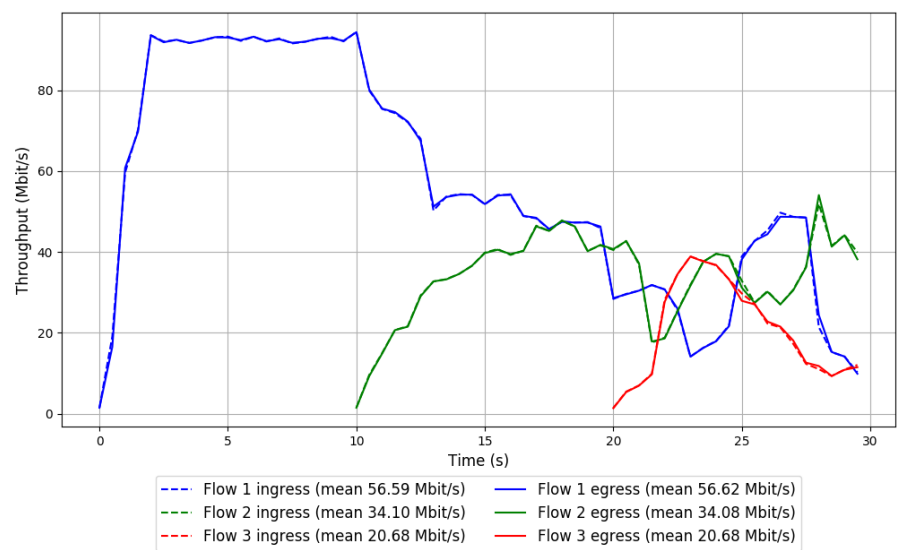


Run 3: Statistics of Vivace-latency

Start at: 2018-03-21 00:43:13
End at: 2018-03-21 00:43:43
Local clock offset: -5.018 ms
Remote clock offset: -1.664 ms

Below is generated by plot.py at 2018-03-21 07:22:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 41.560 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 19.865 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.08 Mbit/s
95th percentile per-packet one-way delay: 48.835 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 20.68 Mbit/s
95th percentile per-packet one-way delay: 51.633 ms
Loss rate: 0.21%

Run 3: Report of Vivace-latency — Data Link

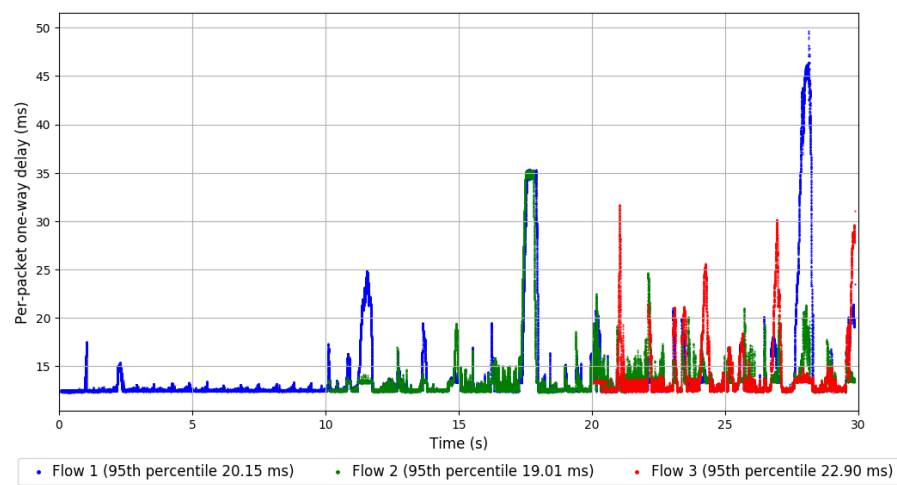
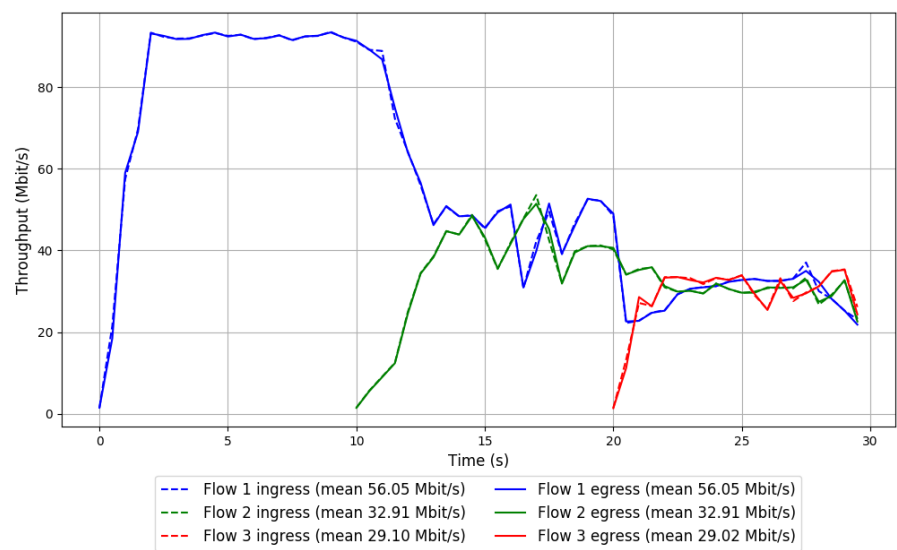


Run 4: Statistics of Vivace-latency

Start at: 2018-03-21 01:04:30
End at: 2018-03-21 01:05:00
Local clock offset: -5.032 ms
Remote clock offset: -1.727 ms

Below is generated by plot.py at 2018-03-21 07:22:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 20.482 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.05 Mbit/s
95th percentile per-packet one-way delay: 20.148 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 32.91 Mbit/s
95th percentile per-packet one-way delay: 19.009 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 22.901 ms
Loss rate: 0.49%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-03-21 01:25:57

End at: 2018-03-21 01:26:27

Local clock offset: -4.104 ms

Remote clock offset: -6.24 ms

Below is generated by plot.py at 2018-03-21 07:22:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.11 Mbit/s

95th percentile per-packet one-way delay: 46.578 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 57.22 Mbit/s

95th percentile per-packet one-way delay: 44.586 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 30.39 Mbit/s

95th percentile per-packet one-way delay: 49.688 ms

Loss rate: 0.32%

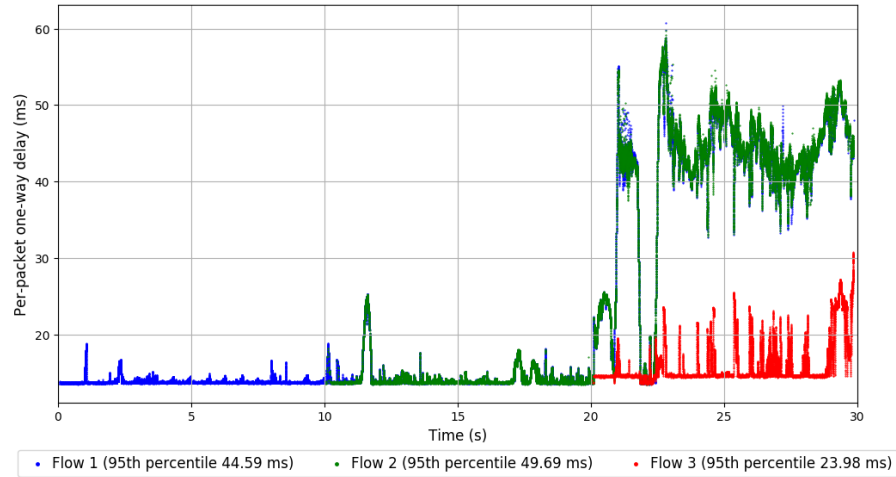
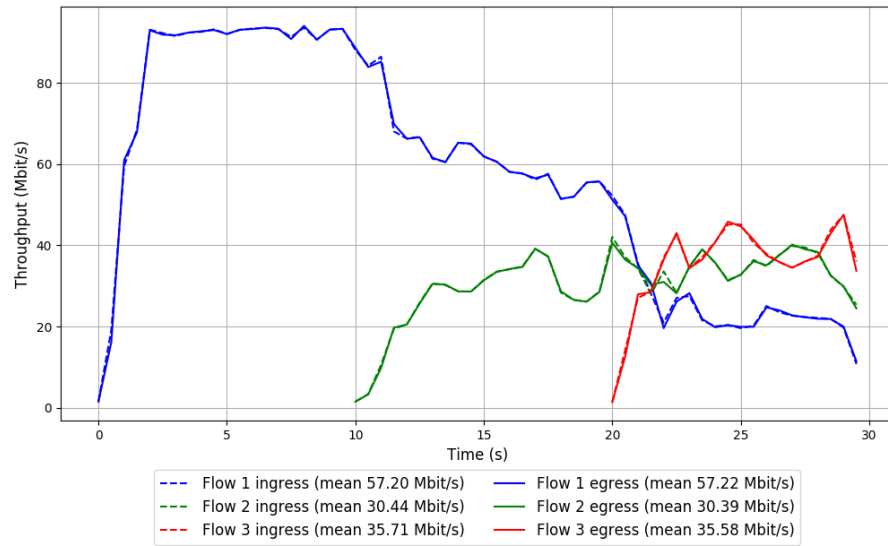
-- Flow 3:

Average throughput: 35.58 Mbit/s

95th percentile per-packet one-way delay: 23.984 ms

Loss rate: 0.62%

Run 5: Report of Vivace-latency — Data Link

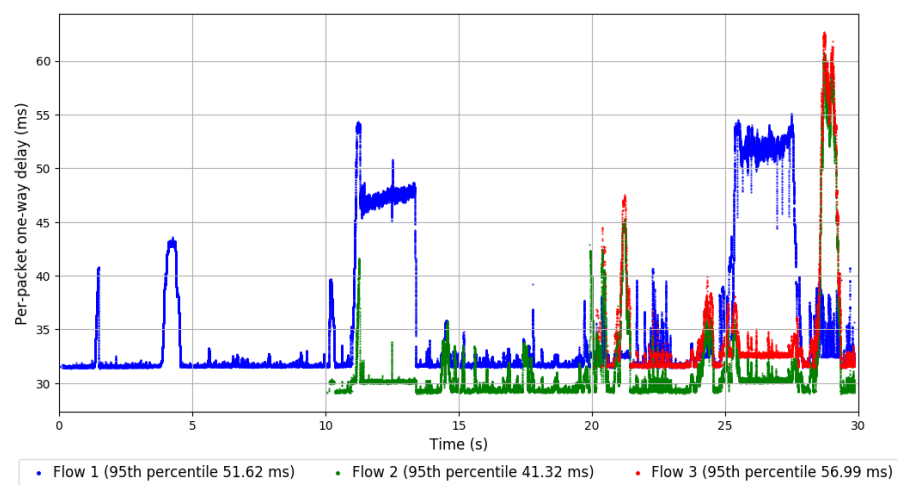
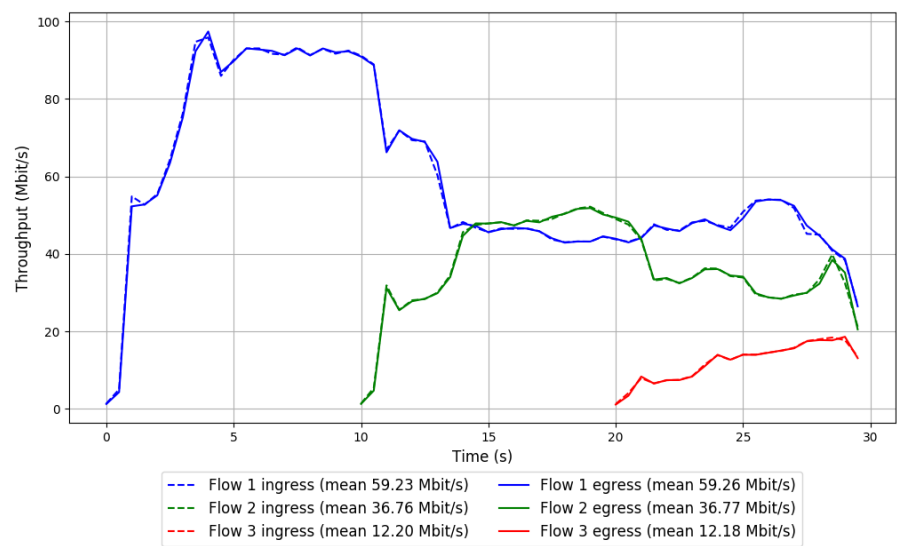


Run 6: Statistics of Vivace-latency

Start at: 2018-03-21 01:47:31
End at: 2018-03-21 01:48:01
Local clock offset: -5.276 ms
Remote clock offset: -6.946 ms

Below is generated by plot.py at 2018-03-21 07:22:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.69 Mbit/s
95th percentile per-packet one-way delay: 51.403 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 51.622 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 41.324 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 56.991 ms
Loss rate: 0.67%

Run 6: Report of Vivace-latency — Data Link

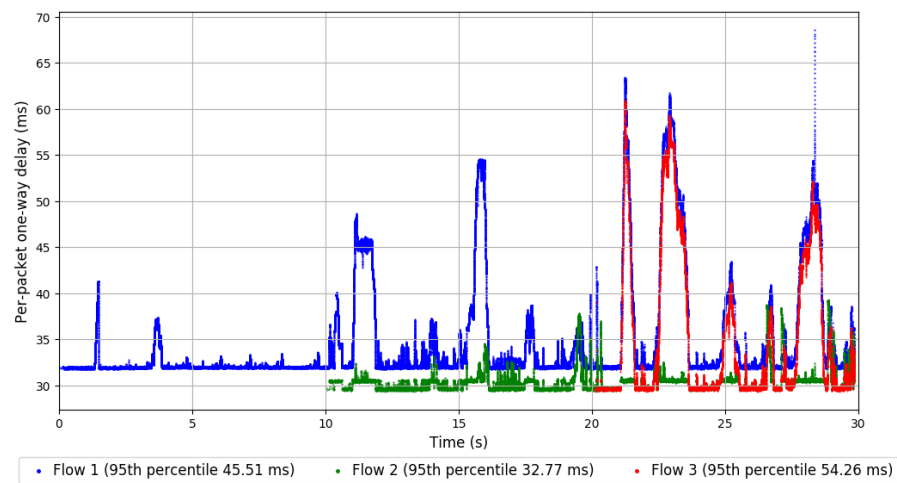
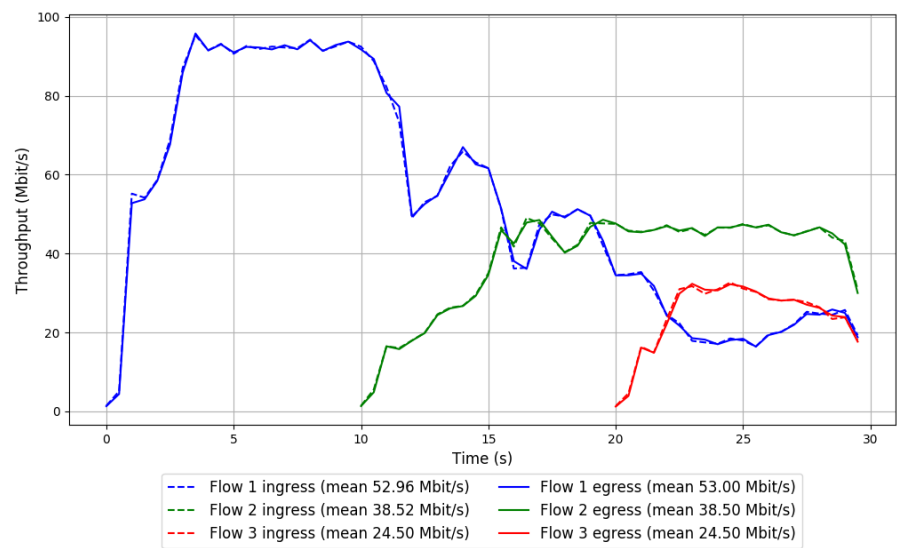


Run 7: Statistics of Vivace-latency

Start at: 2018-03-21 02:09:23
End at: 2018-03-21 02:09:53
Local clock offset: -4.684 ms
Remote clock offset: -7.132 ms

Below is generated by plot.py at 2018-03-21 07:22:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 45.352 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 53.00 Mbit/s
95th percentile per-packet one-way delay: 45.514 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.50 Mbit/s
95th percentile per-packet one-way delay: 32.772 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 54.262 ms
Loss rate: 0.39%

Run 7: Report of Vivace-latency — Data Link

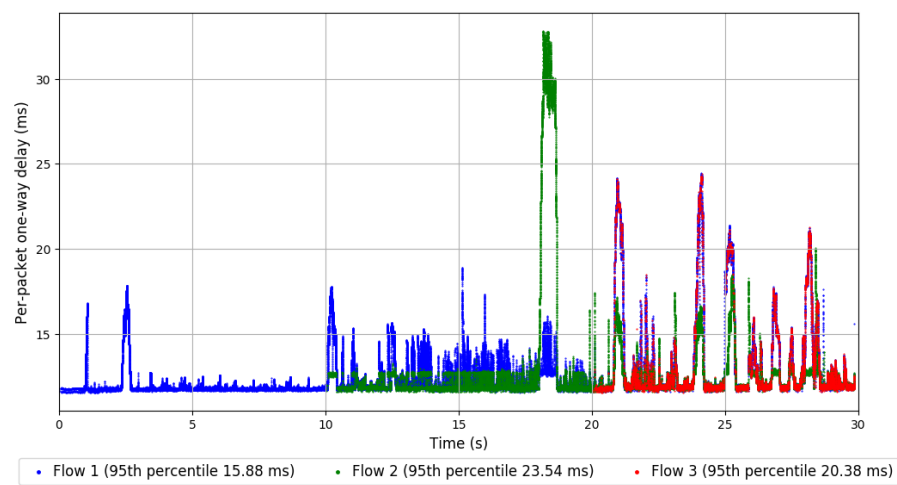
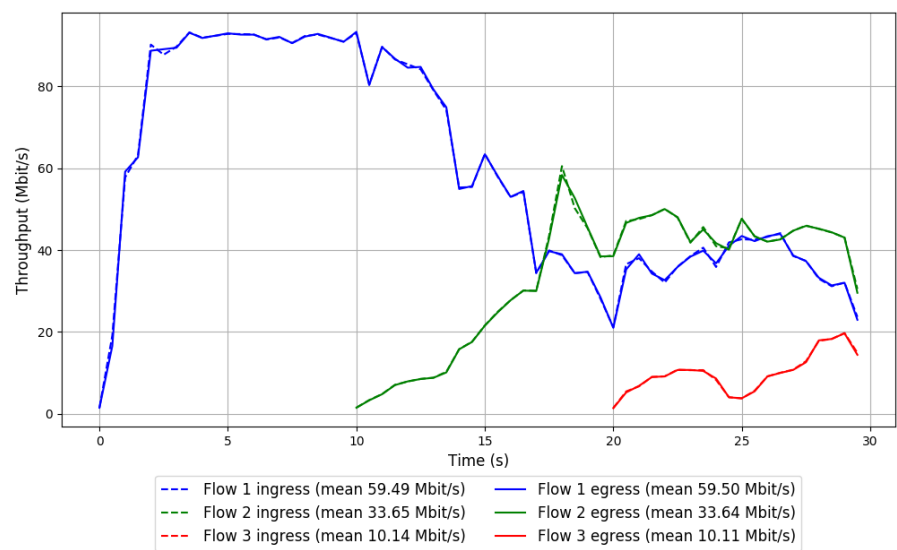


Run 8: Statistics of Vivace-latency

Start at: 2018-03-21 02:30:55
End at: 2018-03-21 02:31:25
Local clock offset: -5.45 ms
Remote clock offset: -3.736 ms

Below is generated by plot.py at 2018-03-21 07:22:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 16.676 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 15.881 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 33.64 Mbit/s
95th percentile per-packet one-way delay: 23.538 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 20.381 ms
Loss rate: 0.52%

Run 8: Report of Vivace-latency — Data Link

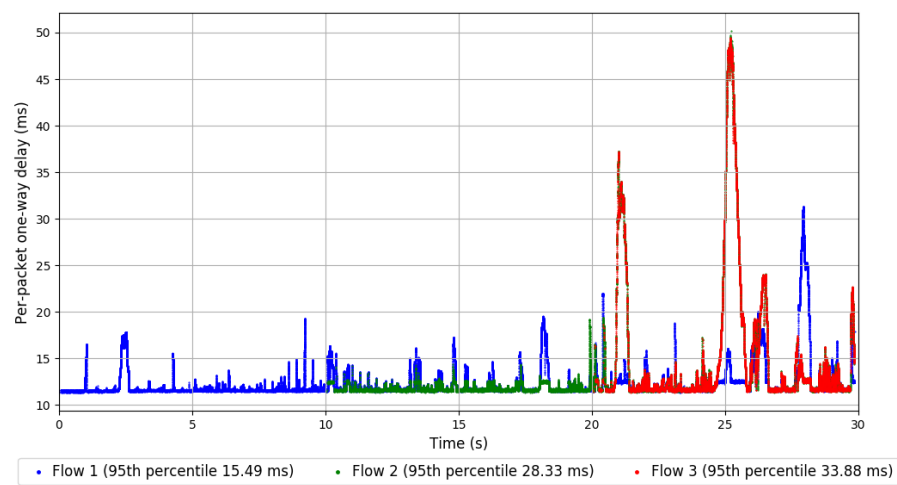
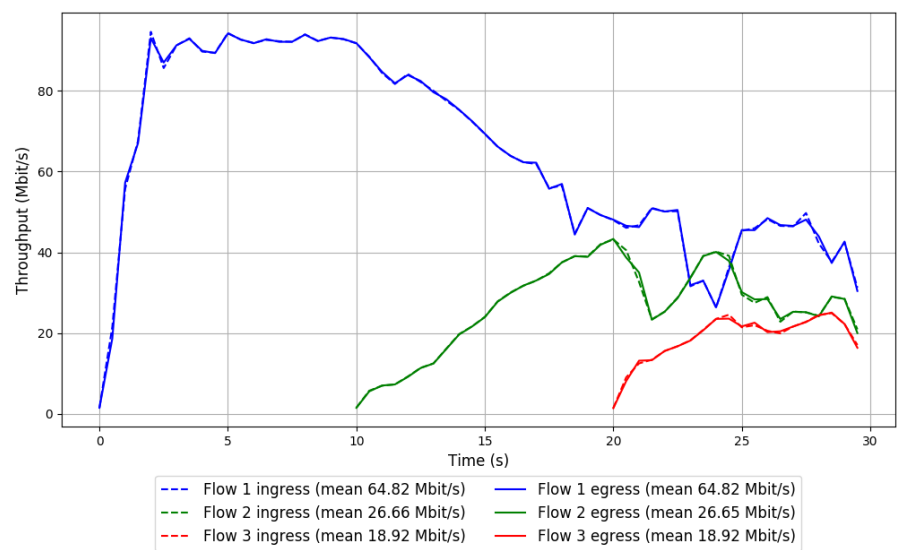


Run 9: Statistics of Vivace-latency

Start at: 2018-03-21 02:52:28
End at: 2018-03-21 02:52:58
Local clock offset: -8.23 ms
Remote clock offset: -2.895 ms

Below is generated by plot.py at 2018-03-21 07:22:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 17.795 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 64.82 Mbit/s
95th percentile per-packet one-way delay: 15.493 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 26.65 Mbit/s
95th percentile per-packet one-way delay: 28.333 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 18.92 Mbit/s
95th percentile per-packet one-way delay: 33.884 ms
Loss rate: 0.33%

Run 9: Report of Vivace-latency — Data Link

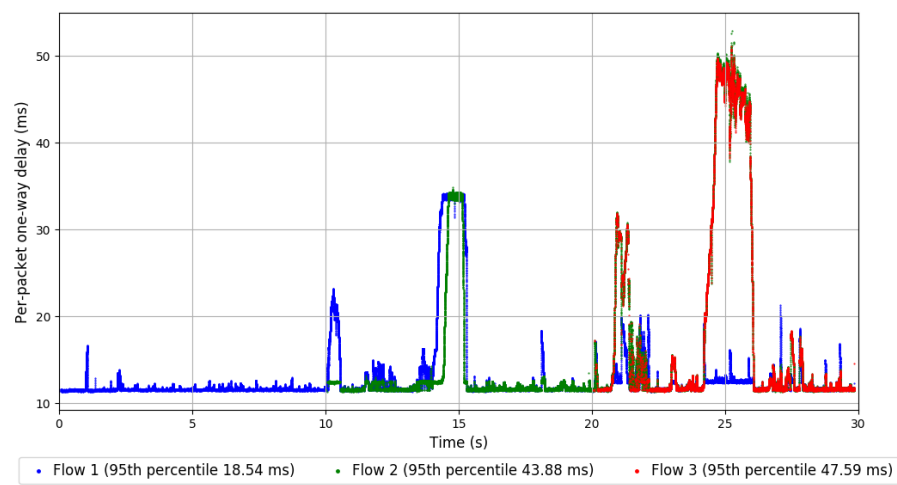
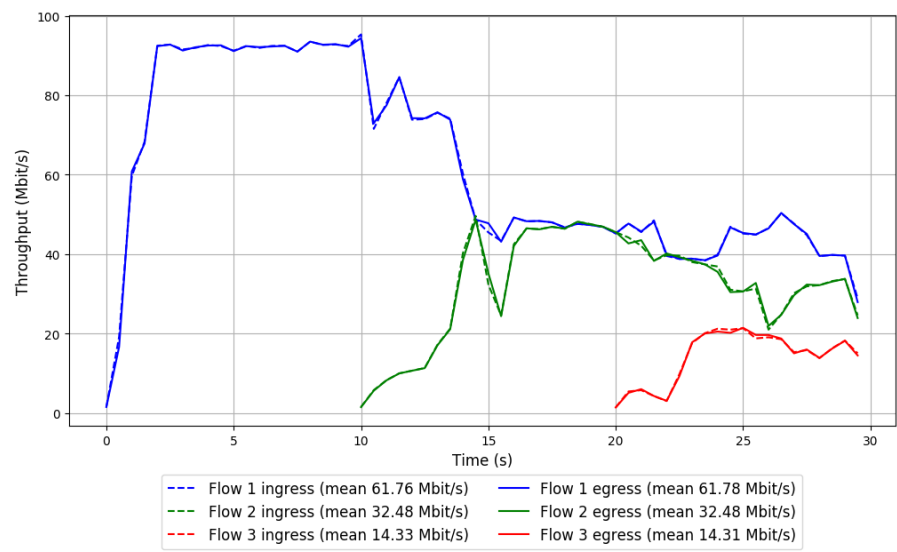


Run 10: Statistics of Vivace-latency

Start at: 2018-03-21 03:13:58
End at: 2018-03-21 03:14:28
Local clock offset: -11.471 ms
Remote clock offset: -4.872 ms

Below is generated by plot.py at 2018-03-21 07:22:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.06 Mbit/s
95th percentile per-packet one-way delay: 33.632 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.78 Mbit/s
95th percentile per-packet one-way delay: 18.537 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.48 Mbit/s
95th percentile per-packet one-way delay: 43.885 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 14.31 Mbit/s
95th percentile per-packet one-way delay: 47.595 ms
Loss rate: 0.36%

Run 10: Report of Vivace-latency — Data Link

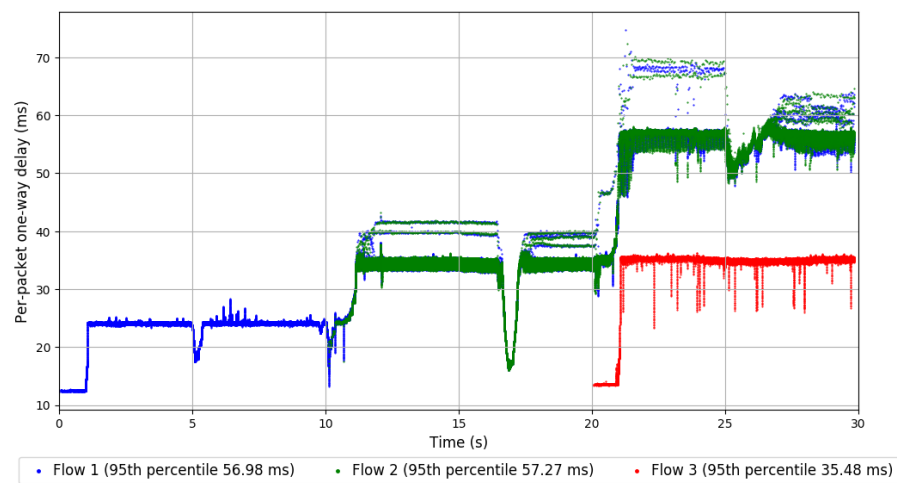
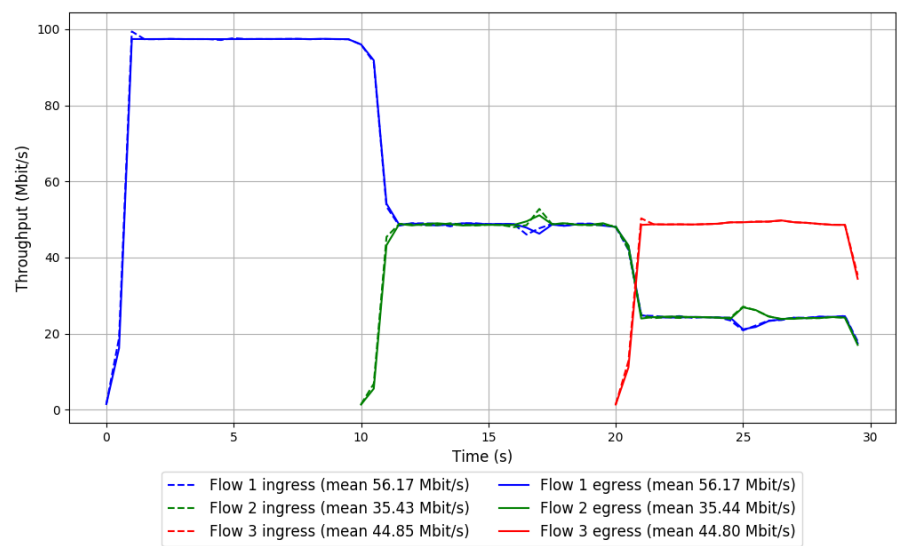


Run 1: Statistics of Vivace-loss

Start at: 2018-03-21 00:01:49
End at: 2018-03-21 00:02:19
Local clock offset: -4.912 ms
Remote clock offset: -7.432 ms

Below is generated by plot.py at 2018-03-21 07:23:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 57.057 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 56.978 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 57.275 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 35.484 ms
Loss rate: 0.50%

Run 1: Report of Vivace-loss — Data Link

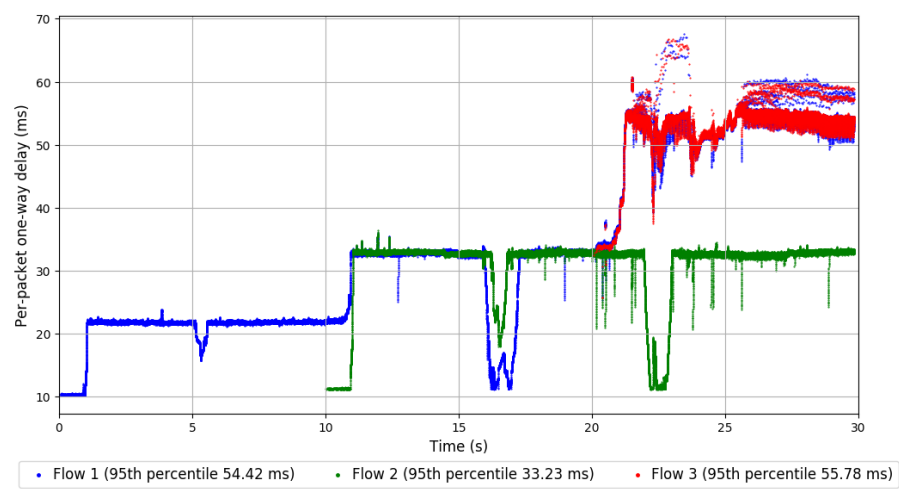
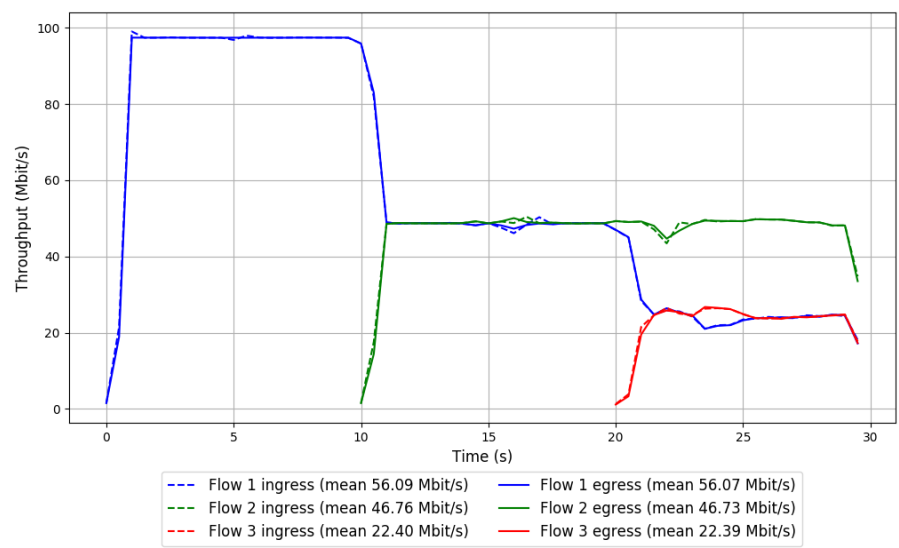


Run 2: Statistics of Vivace-loss

Start at: 2018-03-21 00:23:48
End at: 2018-03-21 00:24:18
Local clock offset: -7.666 ms
Remote clock offset: -4.178 ms

Below is generated by plot.py at 2018-03-21 07:23:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 54.583 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.07 Mbit/s
95th percentile per-packet one-way delay: 54.425 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 33.229 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 55.779 ms
Loss rate: 0.73%

Run 2: Report of Vivace-loss — Data Link

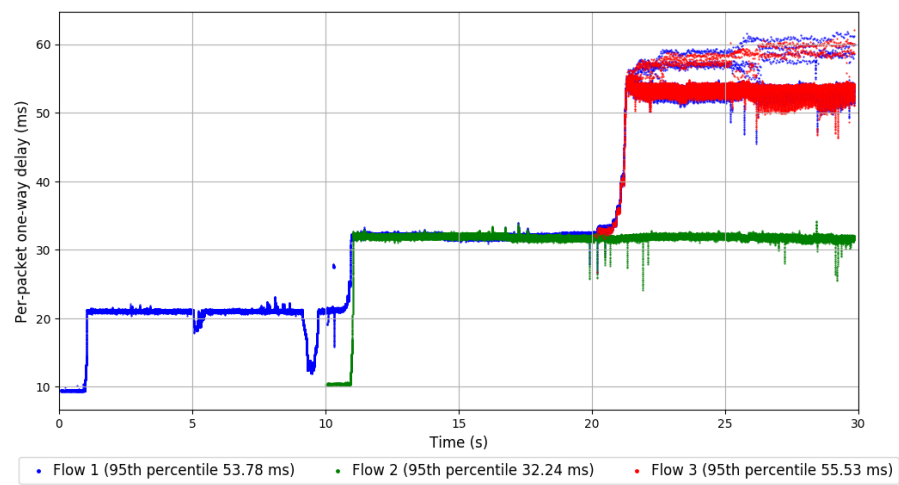
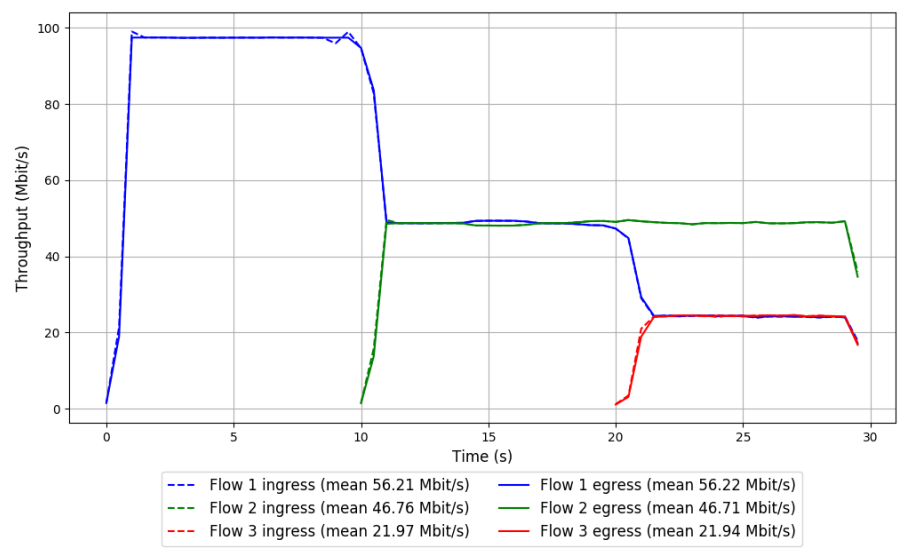


Run 3: Statistics of Vivace-loss

Start at: 2018-03-21 00:45:37
End at: 2018-03-21 00:46:07
Local clock offset: -7.802 ms
Remote clock offset: -2.118 ms

Below is generated by plot.py at 2018-03-21 07:23:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.46 Mbit/s
95th percentile per-packet one-way delay: 53.855 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.22 Mbit/s
95th percentile per-packet one-way delay: 53.783 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 32.242 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 21.94 Mbit/s
95th percentile per-packet one-way delay: 55.529 ms
Loss rate: 0.71%

Run 3: Report of Vivace-loss — Data Link

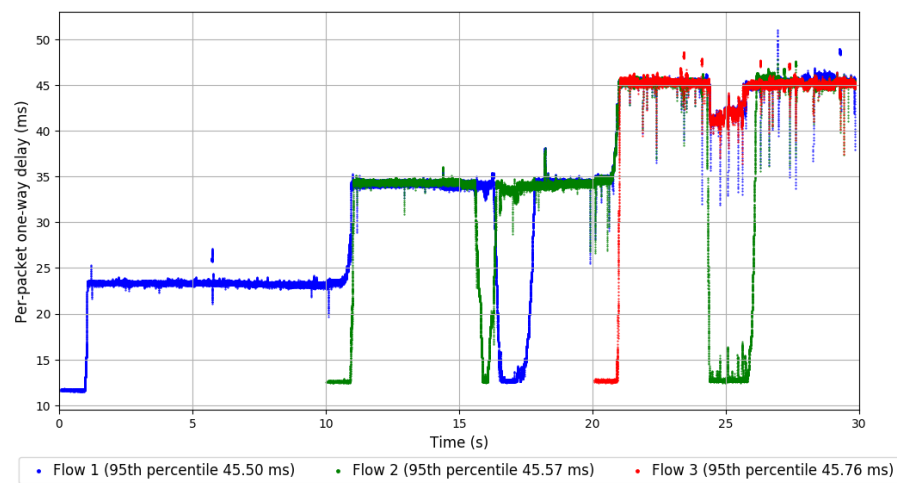
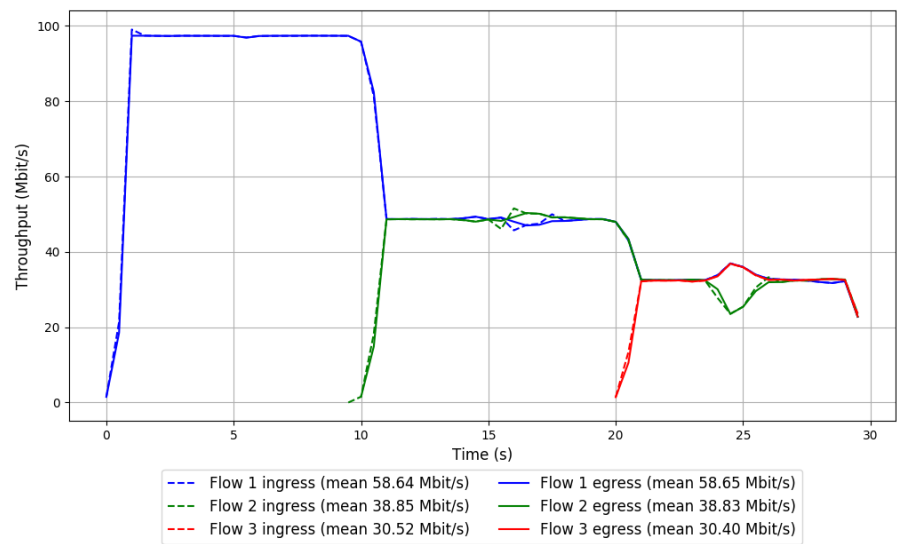


Run 4: Statistics of Vivace-loss

Start at: 2018-03-21 01:06:50
End at: 2018-03-21 01:07:20
Local clock offset: -5.839 ms
Remote clock offset: -1.608 ms

Below is generated by plot.py at 2018-03-21 07:23:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 45.560 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.65 Mbit/s
95th percentile per-packet one-way delay: 45.499 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 45.568 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 30.40 Mbit/s
95th percentile per-packet one-way delay: 45.760 ms
Loss rate: 0.62%

Run 4: Report of Vivace-loss — Data Link

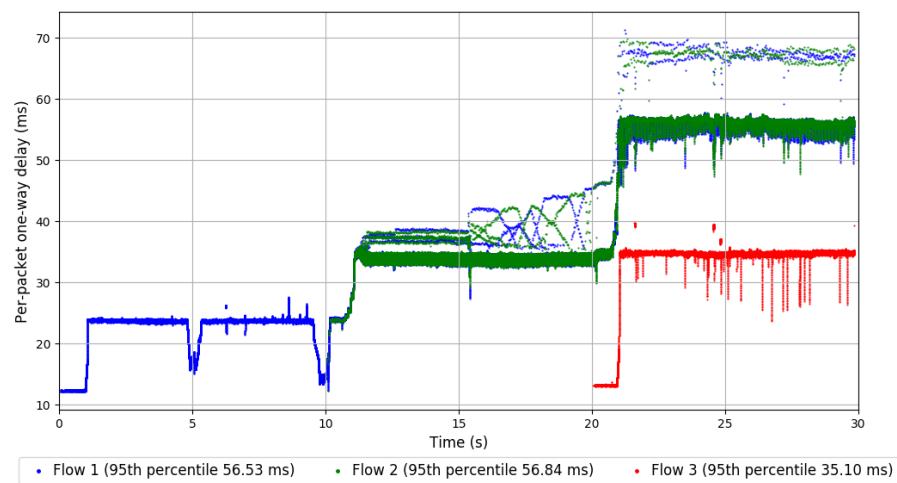
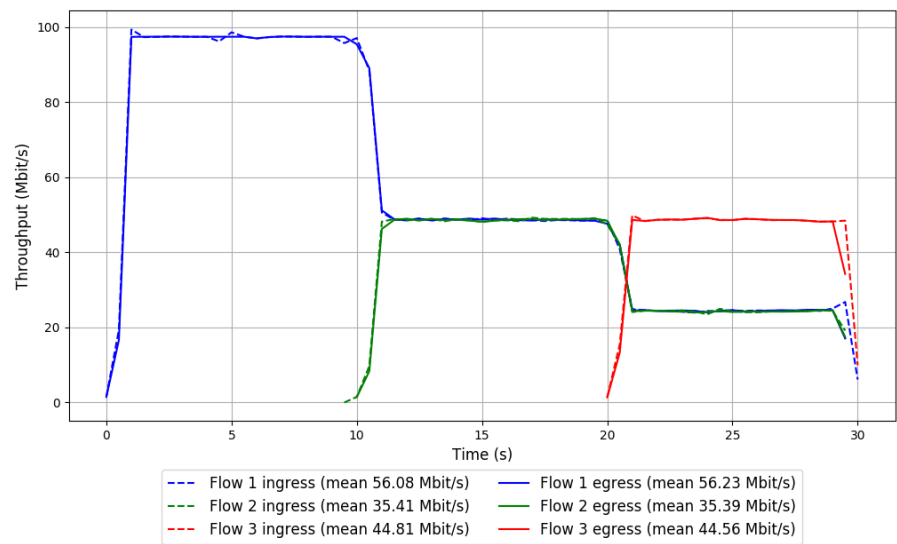


Run 5: Statistics of Vivace-loss

Start at: 2018-03-21 01:28:18
End at: 2018-03-21 01:28:48
Local clock offset: -4.413 ms
Remote clock offset: -5.343 ms

Below is generated by plot.py at 2018-03-21 07:23:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 56.623 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 56.23 Mbit/s
95th percentile per-packet one-way delay: 56.534 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 56.837 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 35.105 ms
Loss rate: 3.04%

Run 5: Report of Vivace-loss — Data Link

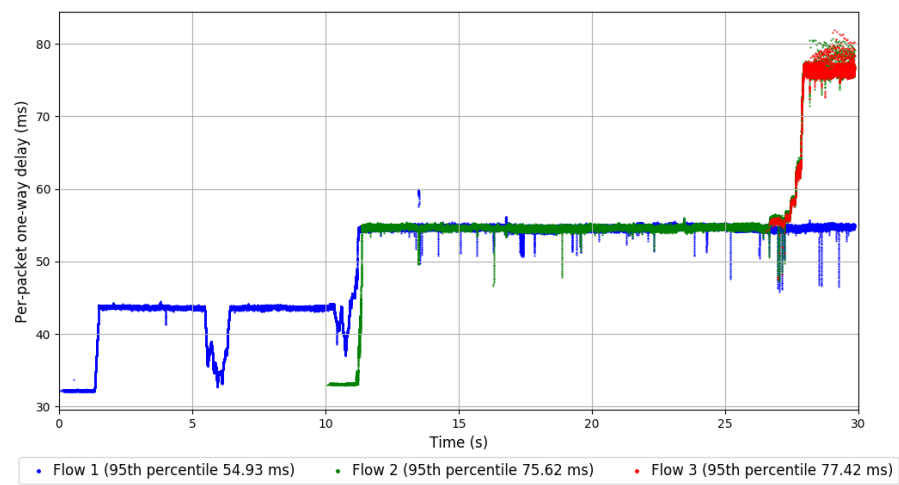
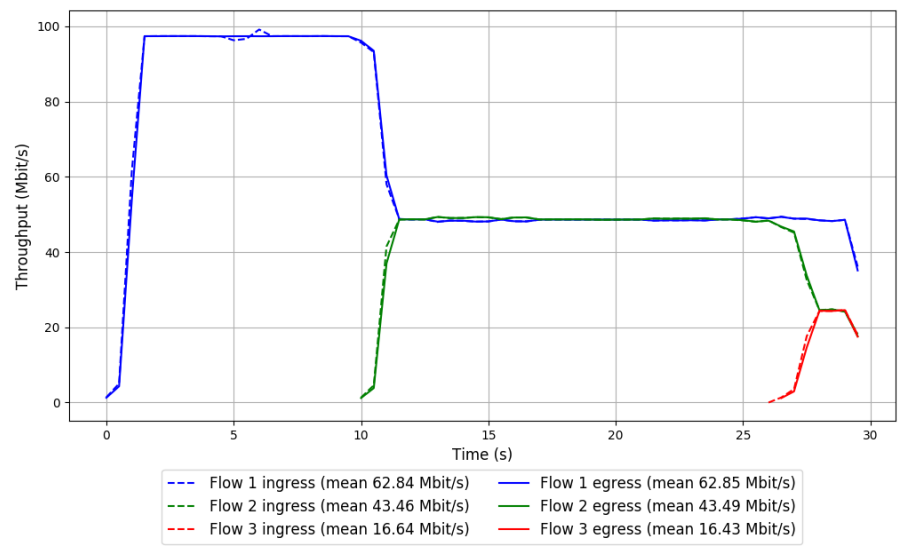


Run 6: Statistics of Vivace-loss

Start at: 2018-03-21 01:49:57
End at: 2018-03-21 01:50:27
Local clock offset: -4.502 ms
Remote clock offset: -6.698 ms

Below is generated by plot.py at 2018-03-21 07:24:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.56 Mbit/s
95th percentile per-packet one-way delay: 55.778 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 62.85 Mbit/s
95th percentile per-packet one-way delay: 54.930 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 43.49 Mbit/s
95th percentile per-packet one-way delay: 75.621 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 16.43 Mbit/s
95th percentile per-packet one-way delay: 77.421 ms
Loss rate: 3.72%

Run 6: Report of Vivace-loss — Data Link

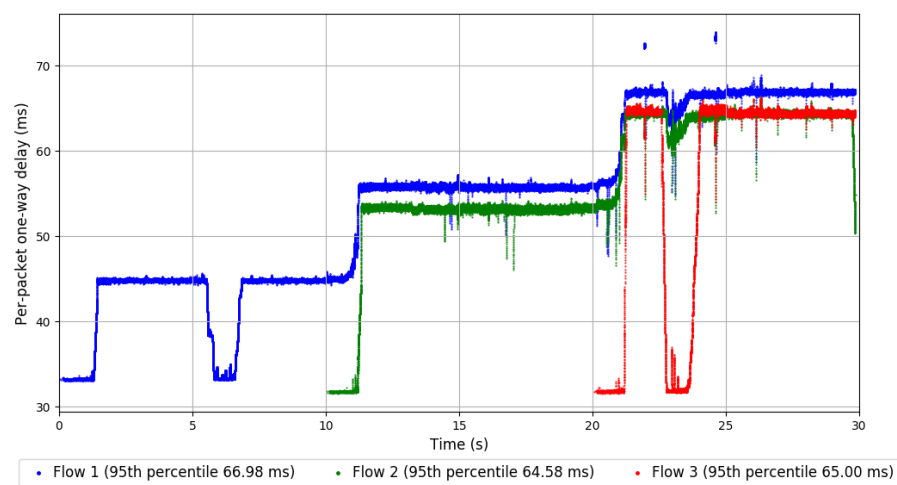
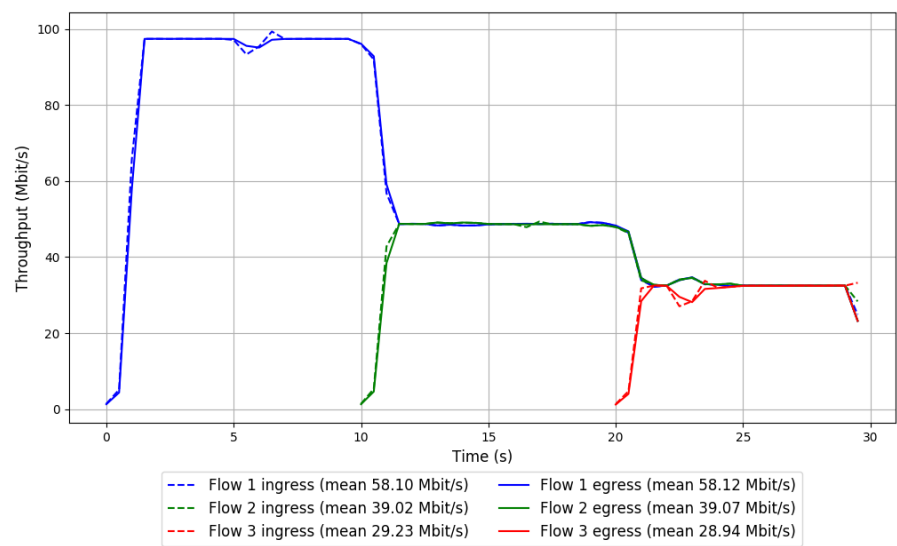


Run 7: Statistics of Vivace-loss

Start at: 2018-03-21 02:11:49
End at: 2018-03-21 02:12:19
Local clock offset: -3.591 ms
Remote clock offset: -7.487 ms

Below is generated by plot.py at 2018-03-21 07:24:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 66.884 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 58.12 Mbit/s
95th percentile per-packet one-way delay: 66.985 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 64.585 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 28.94 Mbit/s
95th percentile per-packet one-way delay: 65.002 ms
Loss rate: 2.45%

Run 7: Report of Vivace-loss — Data Link

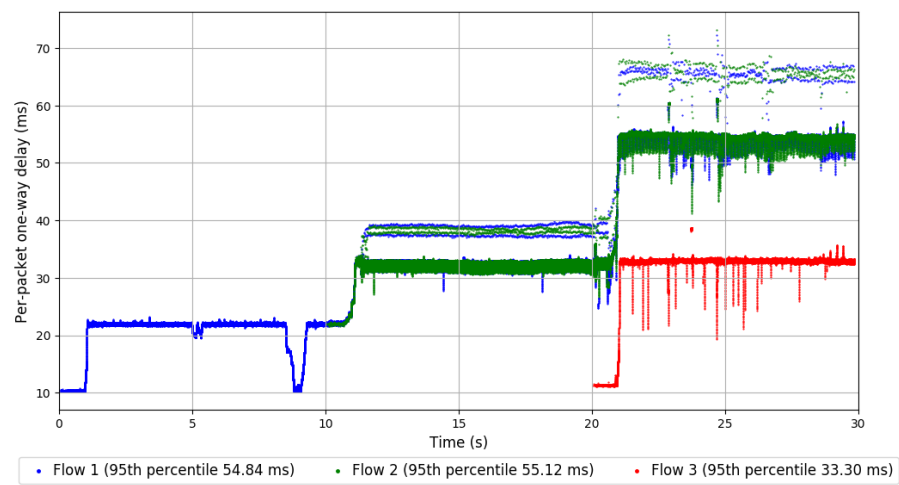
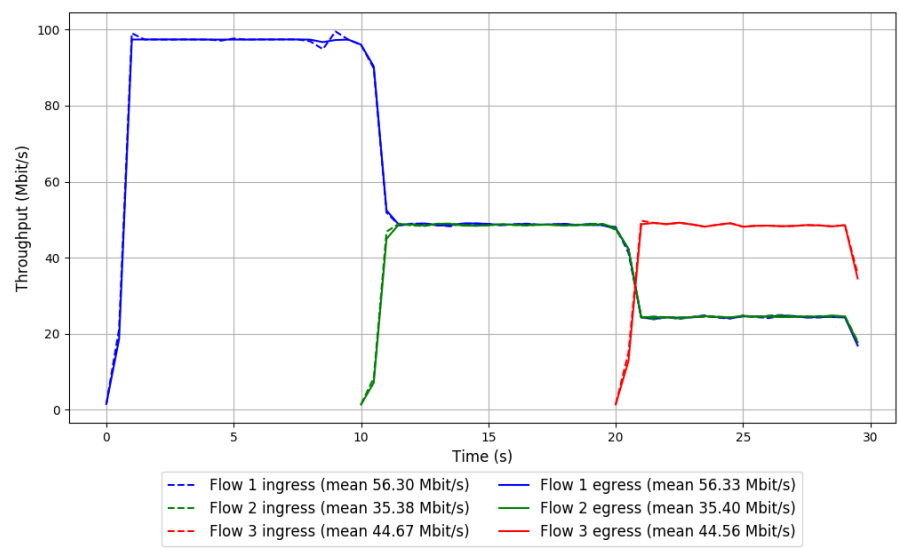


Run 8: Statistics of Vivace-loss

Start at: 2018-03-21 02:33:16
End at: 2018-03-21 02:33:46
Local clock offset: -6.575 ms
Remote clock offset: -3.286 ms

Below is generated by plot.py at 2018-03-21 07:24:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 54.931 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 56.33 Mbit/s
95th percentile per-packet one-way delay: 54.845 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.40 Mbit/s
95th percentile per-packet one-way delay: 55.118 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 44.56 Mbit/s
95th percentile per-packet one-way delay: 33.296 ms
Loss rate: 0.50%

Run 8: Report of Vivace-loss — Data Link

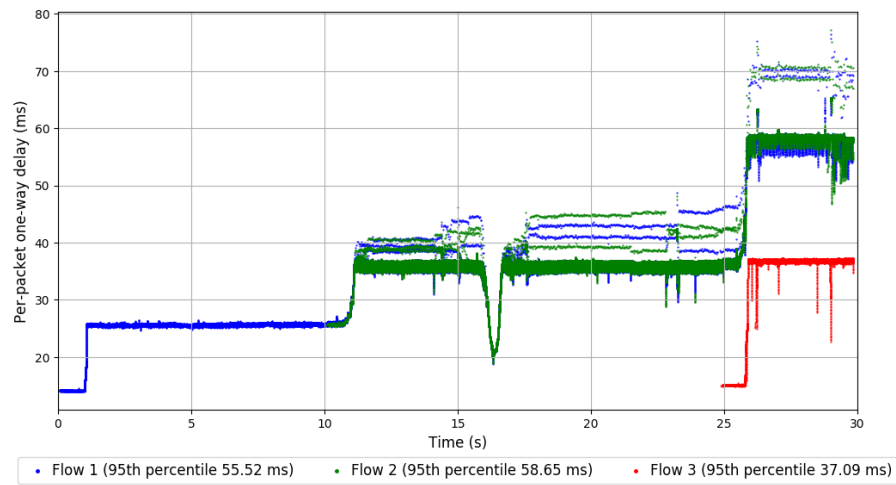
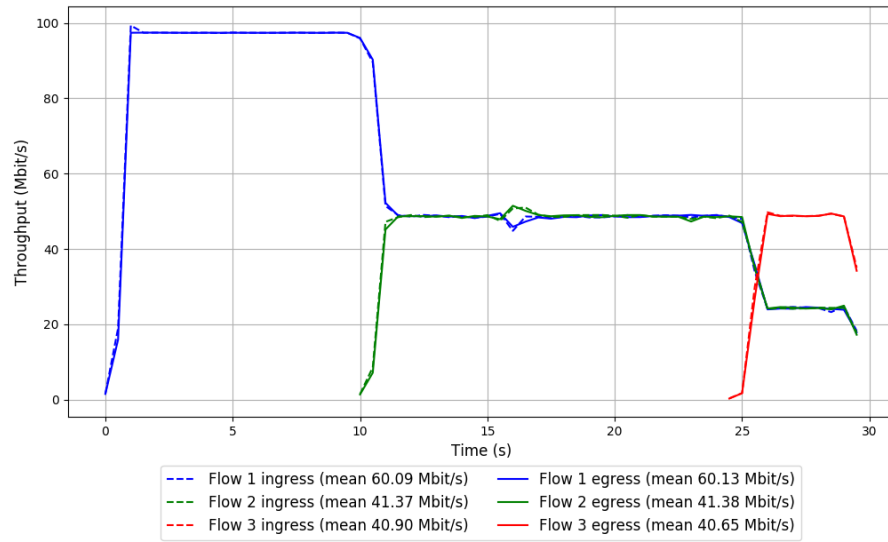


Run 9: Statistics of Vivace-loss

Start at: 2018-03-21 02:54:54
End at: 2018-03-21 02:55:24
Local clock offset: -6.355 ms
Remote clock offset: -3.457 ms

Below is generated by plot.py at 2018-03-21 07:25:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 58.132 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 55.515 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 41.38 Mbit/s
95th percentile per-packet one-way delay: 58.648 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 40.65 Mbit/s
95th percentile per-packet one-way delay: 37.093 ms
Loss rate: 1.08%

Run 9: Report of Vivace-loss — Data Link

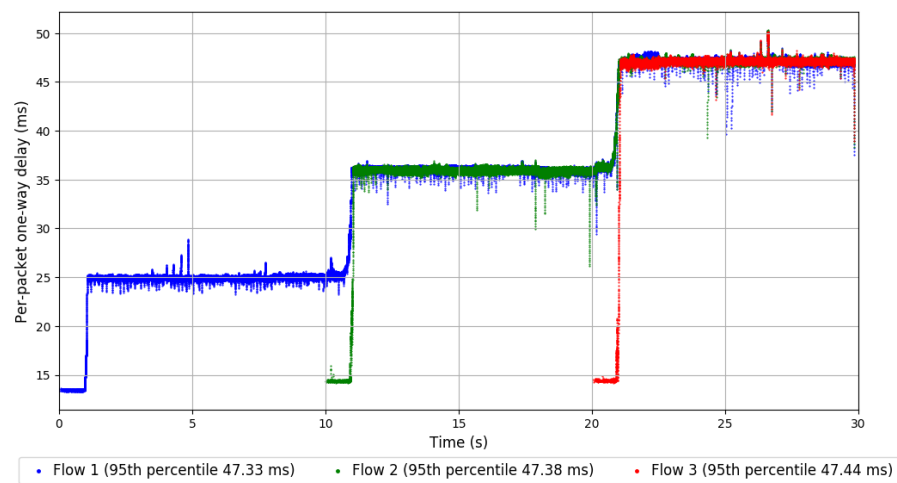
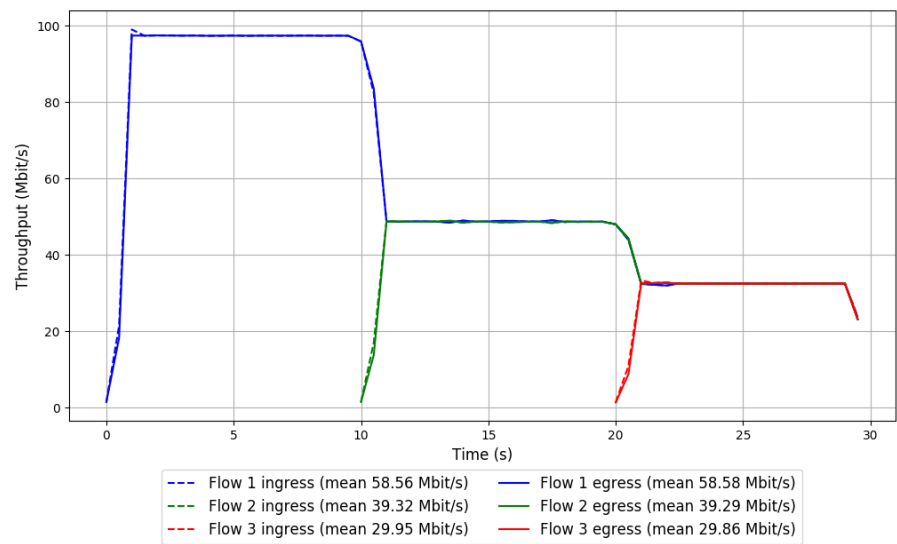


Run 10: Statistics of Vivace-loss

Start at: 2018-03-21 03:16:19
End at: 2018-03-21 03:16:49
Local clock offset: -10.349 ms
Remote clock offset: -5.63 ms

Below is generated by plot.py at 2018-03-21 07:25:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 47.374 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.58 Mbit/s
95th percentile per-packet one-way delay: 47.334 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.29 Mbit/s
95th percentile per-packet one-way delay: 47.385 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 29.86 Mbit/s
95th percentile per-packet one-way delay: 47.435 ms
Loss rate: 0.63%

Run 10: Report of Vivace-loss — Data Link

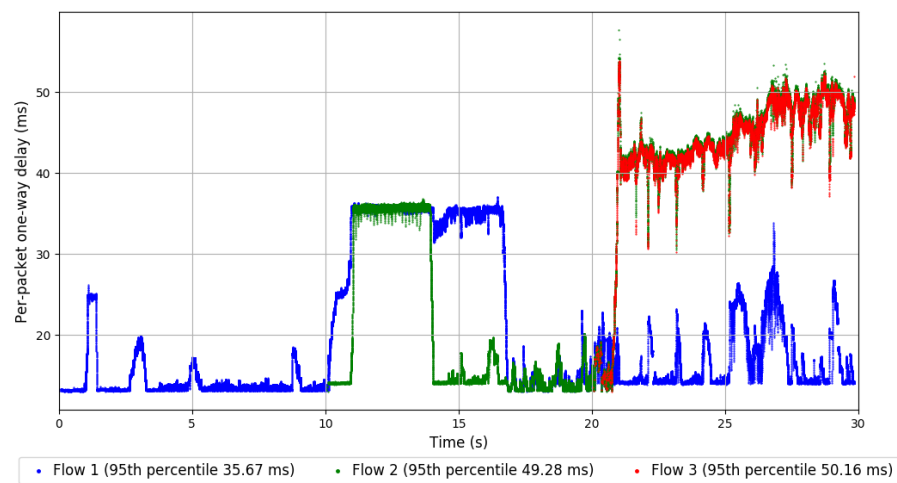
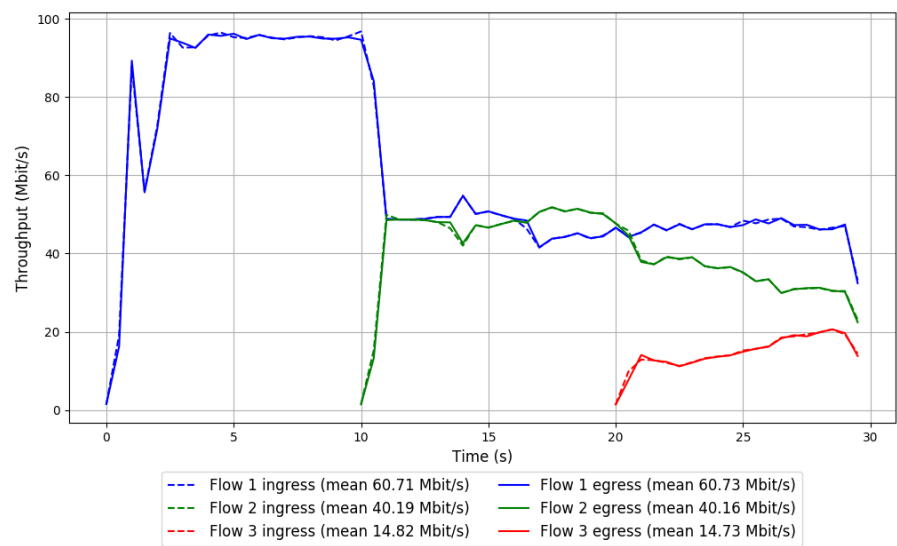


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-20 23:50:05
End at: 2018-03-20 23:50:35
Local clock offset: -4.98 ms
Remote clock offset: -7.936 ms

Below is generated by plot.py at 2018-03-21 07:25:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 47.224 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 35.668 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.16 Mbit/s
95th percentile per-packet one-way delay: 49.283 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 14.73 Mbit/s
95th percentile per-packet one-way delay: 50.157 ms
Loss rate: 0.79%

Run 1: Report of Vivace-LTE — Data Link

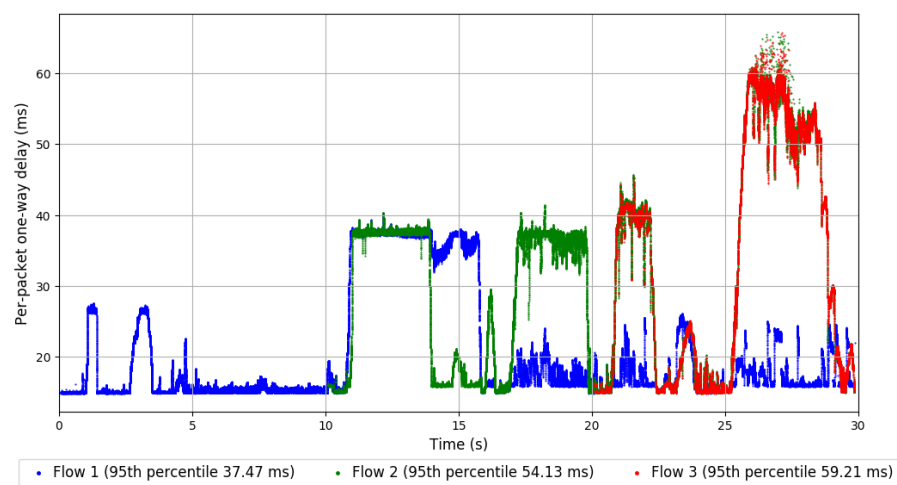
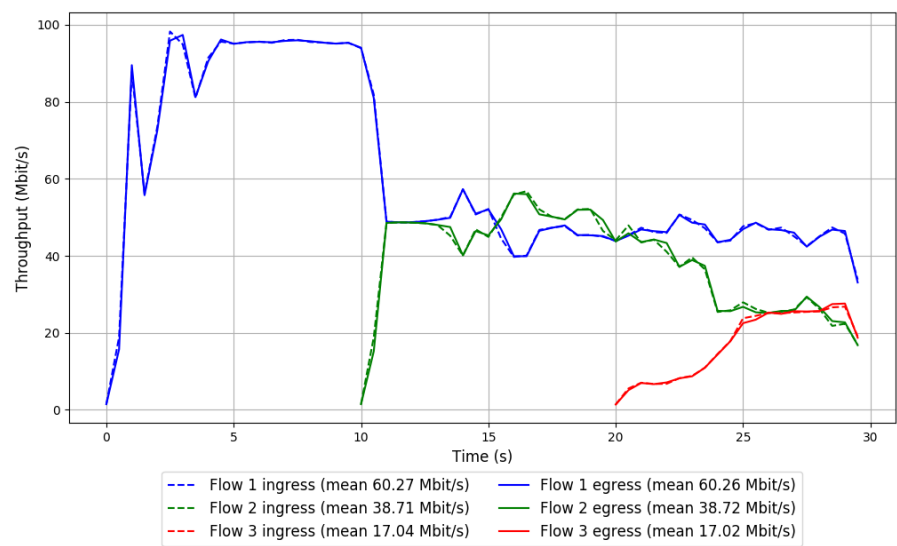


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-21 00:11:37
End at: 2018-03-21 00:12:07
Local clock offset: -2.754 ms
Remote clock offset: -4.863 ms

Below is generated by plot.py at 2018-03-21 07:25:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 50.426 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 60.26 Mbit/s
95th percentile per-packet one-way delay: 37.467 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 54.134 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 59.211 ms
Loss rate: 0.36%

Run 2: Report of Vivace-LTE — Data Link

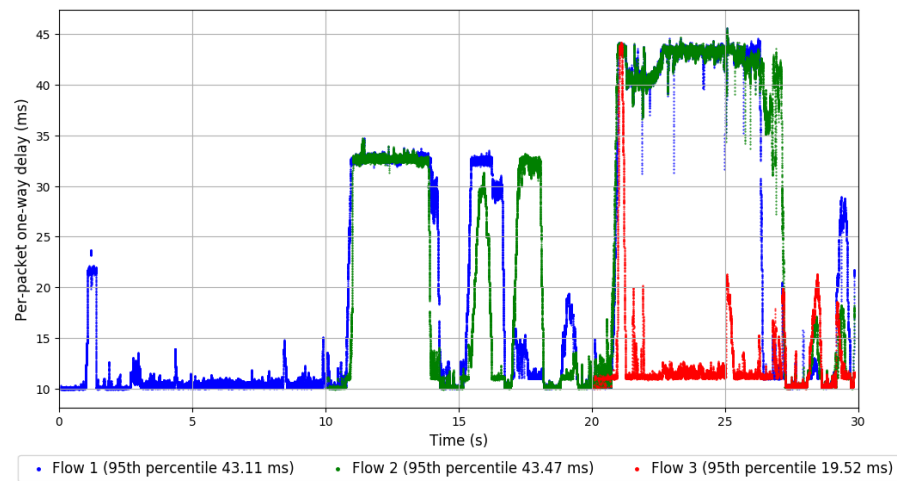
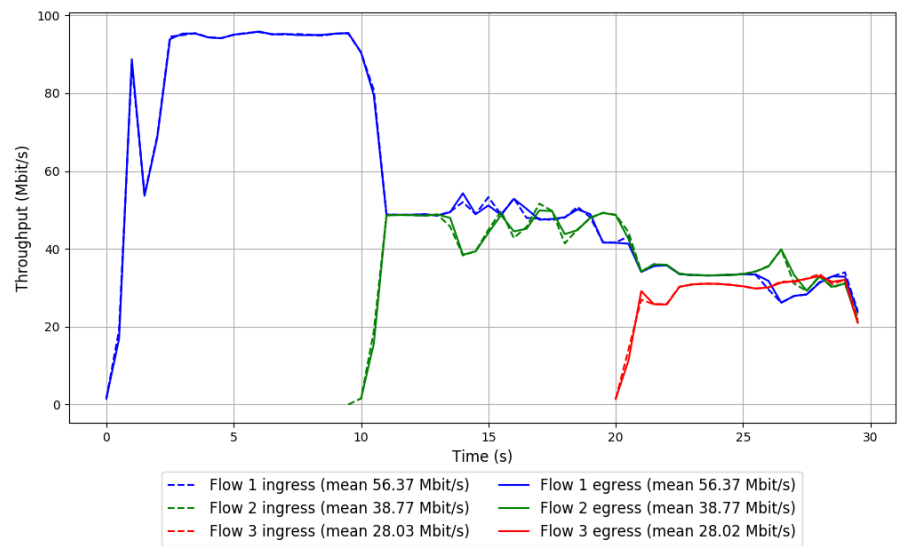


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-21 00:33:40
End at: 2018-03-21 00:34:10
Local clock offset: -7.617 ms
Remote clock offset: -3.798 ms

Below is generated by plot.py at 2018-03-21 07:25:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.37 Mbit/s
95th percentile per-packet one-way delay: 43.255 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 43.113 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 43.473 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 28.02 Mbit/s
95th percentile per-packet one-way delay: 19.521 ms
Loss rate: 0.26%

Run 3: Report of Vivace-LTE — Data Link

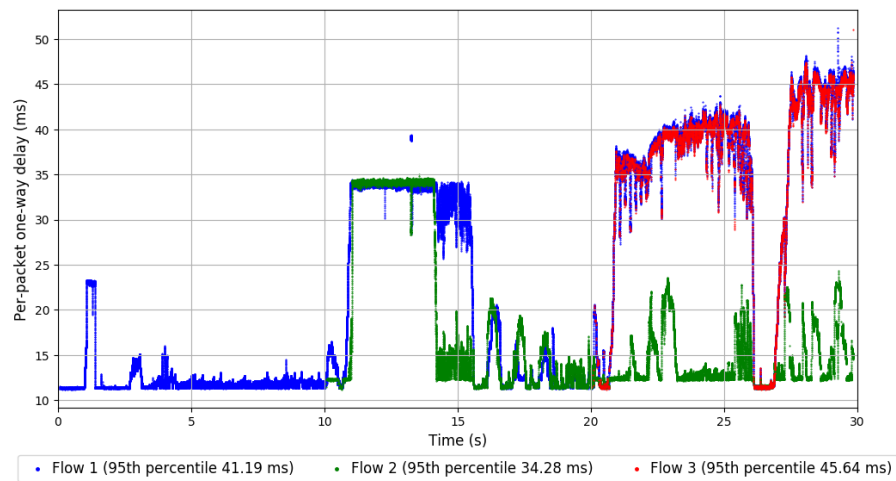
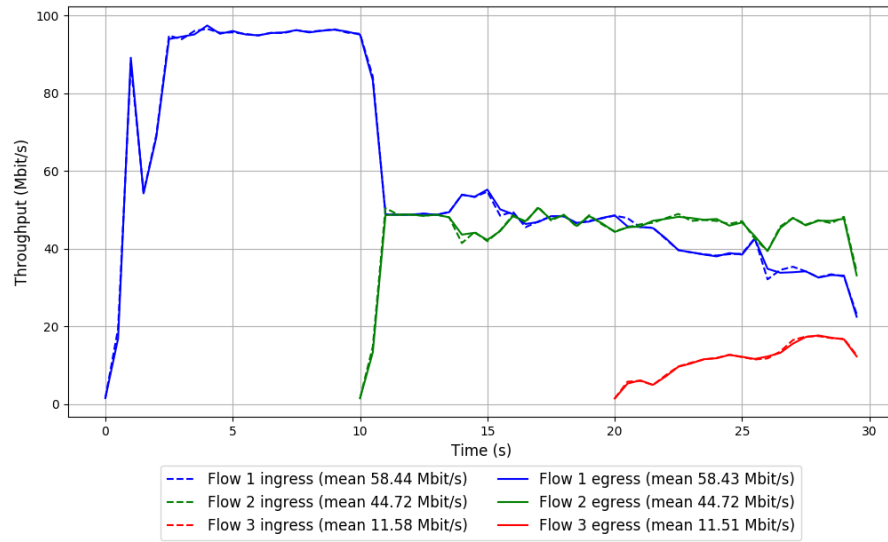


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-21 00:55:10
End at: 2018-03-21 00:55:40
Local clock offset: -5.53 ms
Remote clock offset: -1.373 ms

Below is generated by plot.py at 2018-03-21 07:25:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 40.956 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 58.43 Mbit/s
95th percentile per-packet one-way delay: 41.188 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.72 Mbit/s
95th percentile per-packet one-way delay: 34.278 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 45.640 ms
Loss rate: 0.82%

Run 4: Report of Vivace-LTE — Data Link

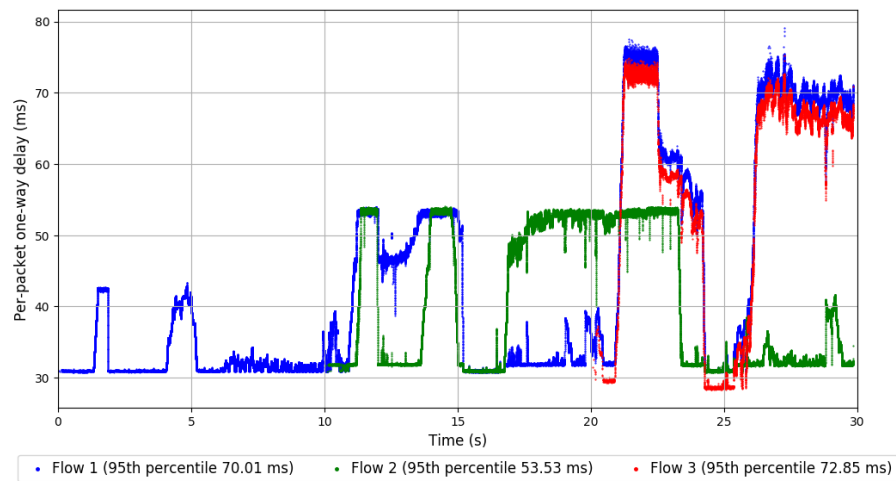
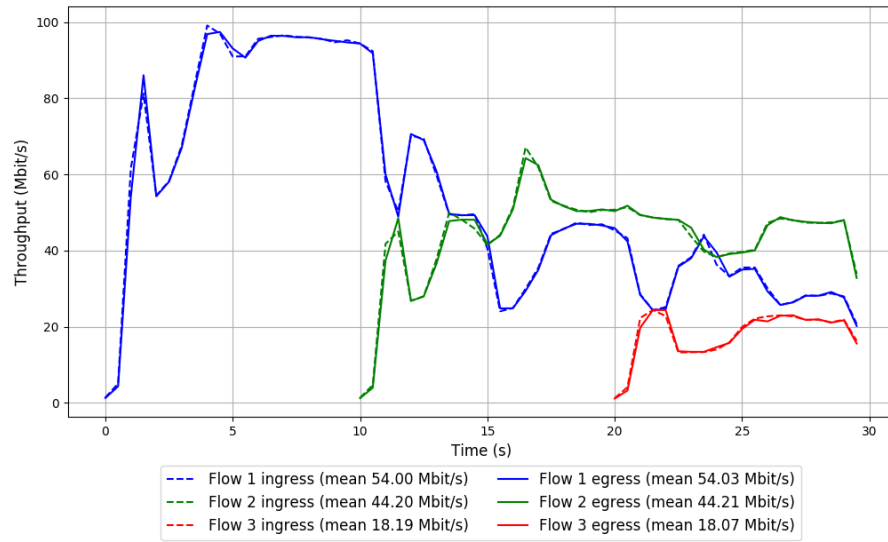


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-21 01:16:30
End at: 2018-03-21 01:17:00
Local clock offset: -5.823 ms
Remote clock offset: -4.381 ms

Below is generated by plot.py at 2018-03-21 07:25:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.32 Mbit/s
95th percentile per-packet one-way delay: 69.570 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 70.007 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 53.529 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 18.07 Mbit/s
95th percentile per-packet one-way delay: 72.852 ms
Loss rate: 1.06%

Run 5: Report of Vivace-LTE — Data Link

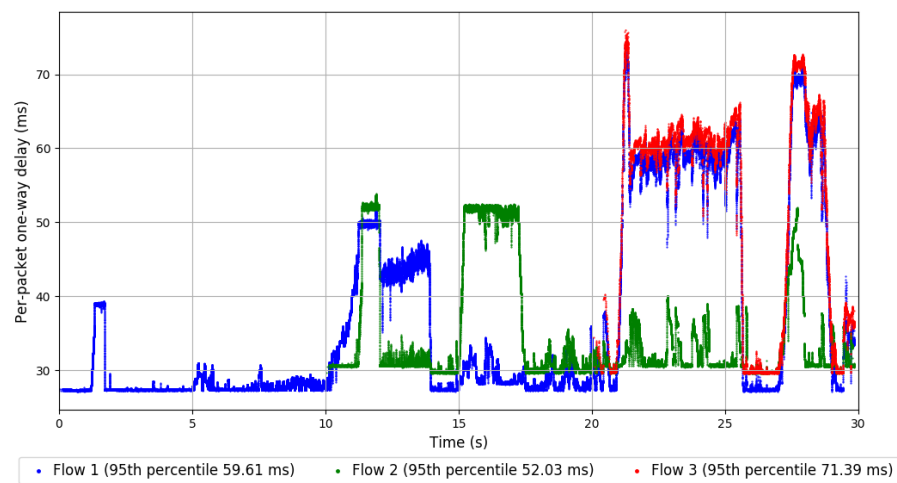
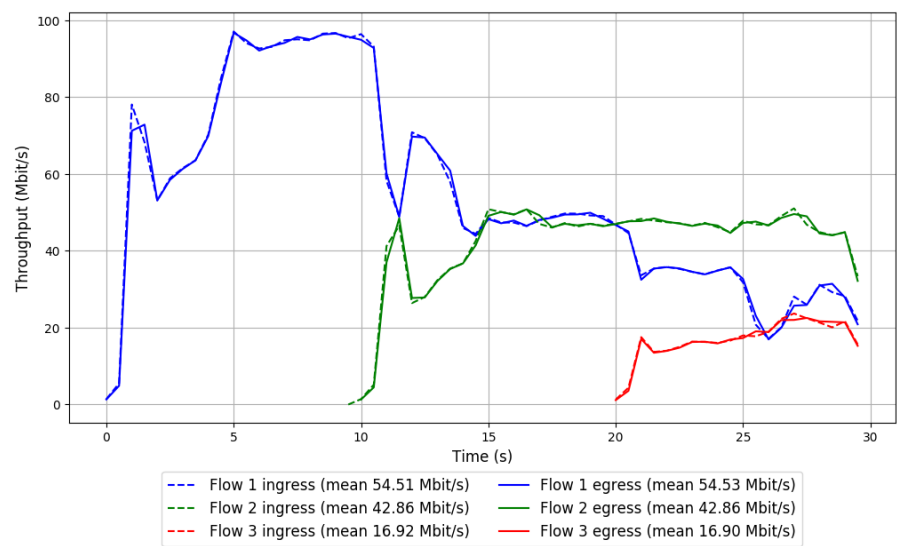


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-21 01:37:47
End at: 2018-03-21 01:38:17
Local clock offset: -6.574 ms
Remote clock offset: -6.381 ms

Below is generated by plot.py at 2018-03-21 07:25:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.57 Mbit/s
95th percentile per-packet one-way delay: 60.619 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 59.606 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 42.86 Mbit/s
95th percentile per-packet one-way delay: 52.029 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 71.390 ms
Loss rate: 0.62%

Run 6: Report of Vivace-LTE — Data Link

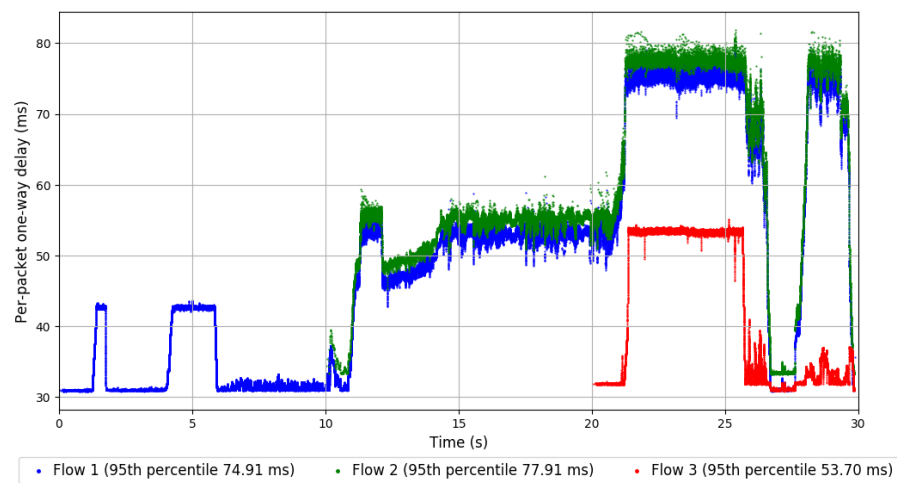
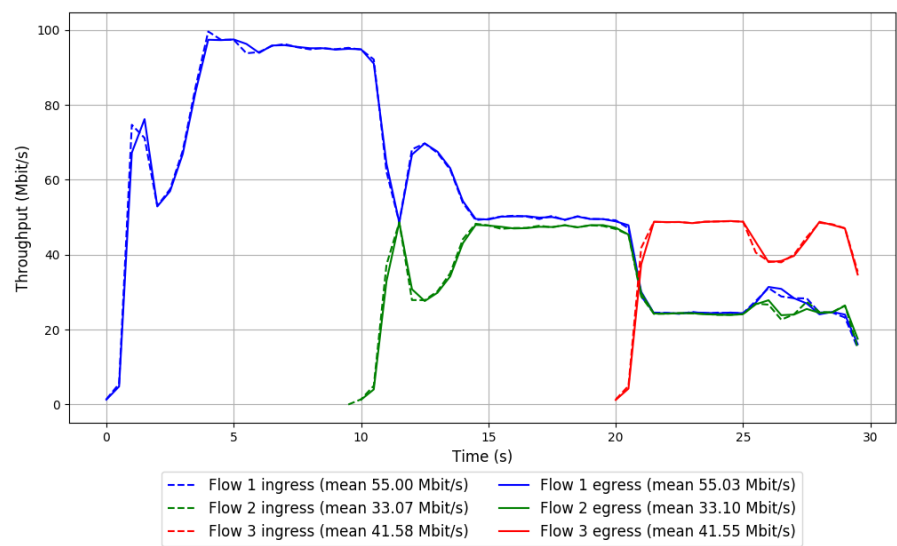


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-21 01:59:42
End at: 2018-03-21 02:00:12
Local clock offset: -3.628 ms
Remote clock offset: -7.099 ms

Below is generated by plot.py at 2018-03-21 07:25:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 76.478 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 74.906 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 33.10 Mbit/s
95th percentile per-packet one-way delay: 77.905 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 41.55 Mbit/s
95th percentile per-packet one-way delay: 53.696 ms
Loss rate: 0.50%

Run 7: Report of Vivace-LTE — Data Link

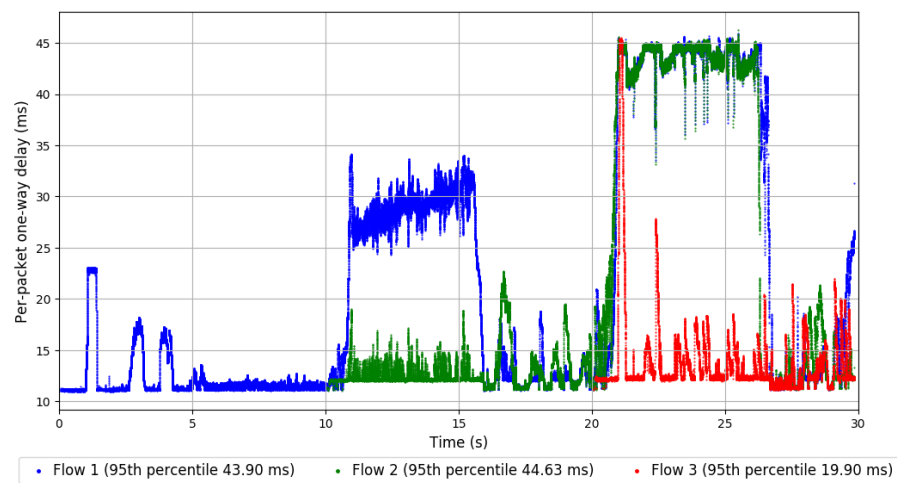
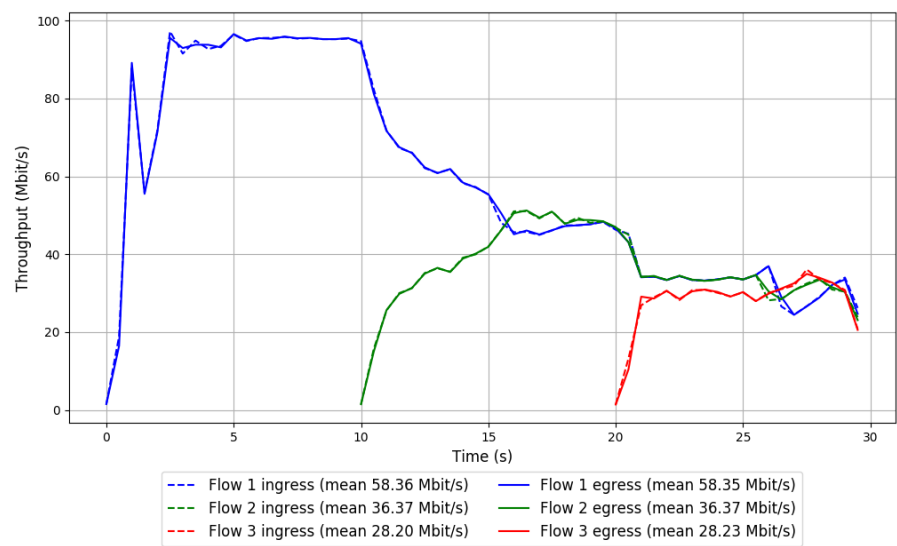


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-21 02:21:16
End at: 2018-03-21 02:21:46
Local clock offset: -5.518 ms
Remote clock offset: -4.991 ms

Below is generated by plot.py at 2018-03-21 07:25:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.78 Mbit/s
95th percentile per-packet one-way delay: 44.327 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 43.895 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 44.626 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 19.900 ms
Loss rate: 0.24%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-03-21 02:43:04

End at: 2018-03-21 02:43:34

Local clock offset: -2.931 ms

Remote clock offset: -2.68 ms

Below is generated by plot.py at 2018-03-21 07:25:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.77 Mbit/s

95th percentile per-packet one-way delay: 44.908 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 55.50 Mbit/s

95th percentile per-packet one-way delay: 43.890 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 40.27 Mbit/s

95th percentile per-packet one-way delay: 45.215 ms

Loss rate: 0.23%

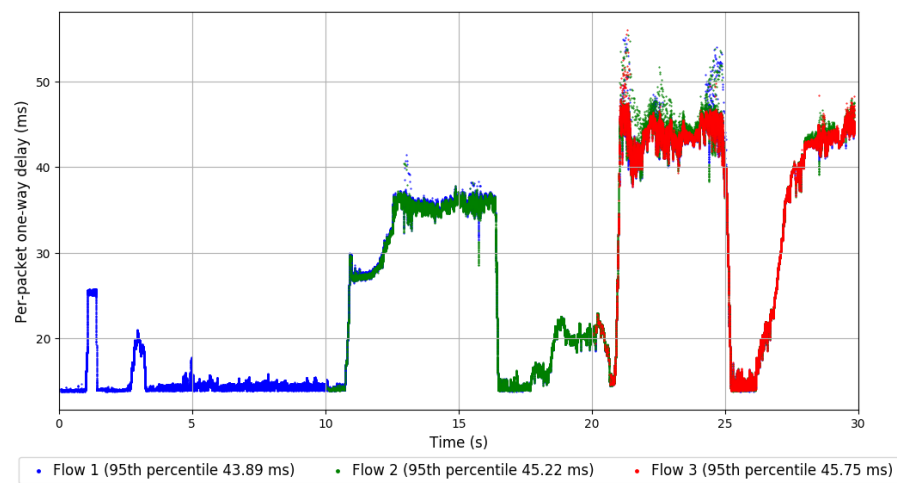
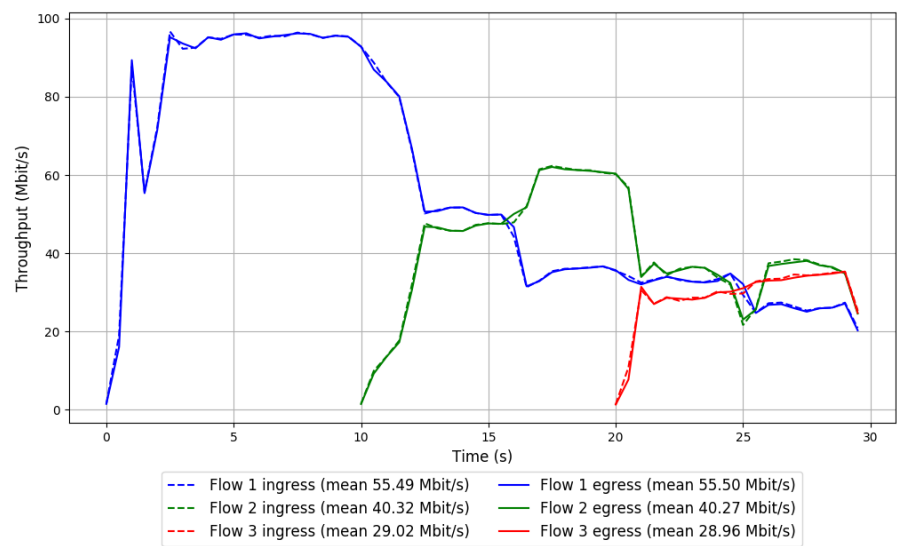
-- Flow 3:

Average throughput: 28.96 Mbit/s

95th percentile per-packet one-way delay: 45.751 ms

Loss rate: 0.65%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-21 03:04:24
End at: 2018-03-21 03:04:54
Local clock offset: -9.77 ms
Remote clock offset: -3.914 ms

Below is generated by plot.py at 2018-03-21 07:25:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 41.996 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 32.638 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 34.65 Mbit/s
95th percentile per-packet one-way delay: 52.752 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 56.098 ms
Loss rate: 0.40%

Run 10: Report of Vivace-LTE — Data Link

