

Pantheon Report

Generated at 2017-09-08 05:43:13 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico Ethernet (*remote*).

Repeated the test of 15 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).

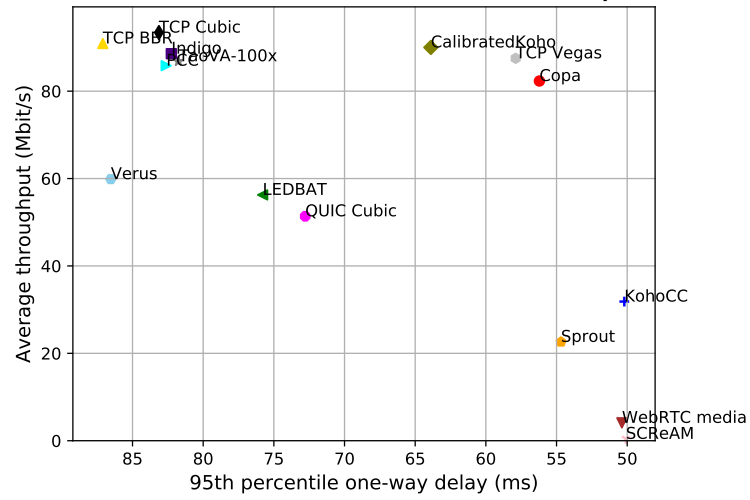
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

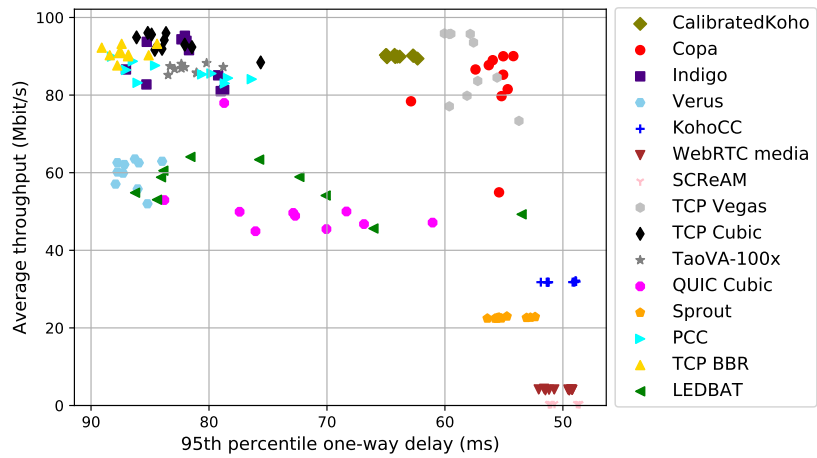
Git summary:

```
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
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/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS California 2 Ethernet to Mexico 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	68.80	29.28	10.59	86.78	87.75	84.81	25.39	29.93	32.46
CalibratedKoho	10	85.28	4.92	4.37	63.88	63.68	63.45	0.04	0.03	0.05
Copa	10	53.42	36.35	20.39	55.63	54.47	54.32	0.05	0.03	0.02
TCP Cubic	10	58.95	36.39	30.88	82.64	82.28	81.73	0.62	0.77	0.44
Indigo	10	60.30	35.47	15.46	81.49	82.67	85.01	7.16	10.36	18.98
KohoCC	10	16.05	15.93	15.68	50.08	50.19	50.32	0.03	0.02	0.00
LEDBAT	10	33.42	26.56	15.72	74.37	76.56	76.52	0.12	0.09	0.12
PCC	10	74.76	9.22	15.09	82.36	83.80	77.01	3.92	3.39	2.92
QUIC Cubic	10	5.04	52.56	34.76	51.95	70.50	78.08	0.22	1.43	4.25
SCReAM	10	0.21	0.22	0.22	49.85	49.92	49.91	0.06	0.00	0.00
Sprout	10	11.45	11.34	10.99	54.54	54.71	55.19	0.03	0.01	0.00
TaoVA-100x	10	54.70	40.23	22.69	79.39	83.50	80.90	11.84	22.29	29.13
TCP Vegas	10	59.96	30.65	21.55	57.68	57.82	58.36	0.54	0.27	0.23
Verus	10	31.51	34.78	17.97	85.44	86.92	86.03	27.93	40.72	39.20
WebRTC media	10	2.29	1.34	0.47	50.12	50.33	50.53	0.01	0.01	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-09-08 01:19:05

End at: 2017-09-08 01:19:35

Local clock offset: -0.033 ms

Remote clock offset: 0.307 ms

Below is generated by plot.py at 2017-09-08 05:30:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 89.094 ms

Loss rate: 24.26%

-- Flow 1:

Average throughput: 53.04 Mbit/s

95th percentile per-packet one-way delay: 87.046 ms

Loss rate: 25.64%

-- Flow 2:

Average throughput: 57.92 Mbit/s

95th percentile per-packet one-way delay: 89.548 ms

Loss rate: 21.67%

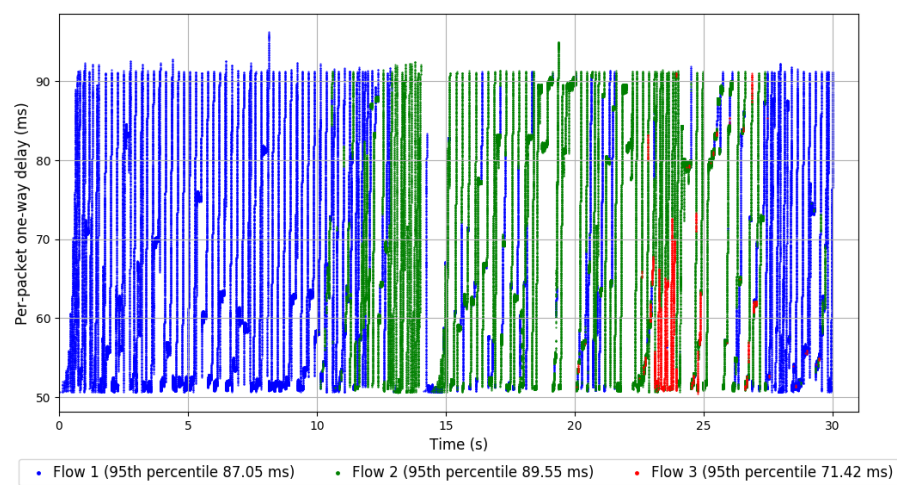
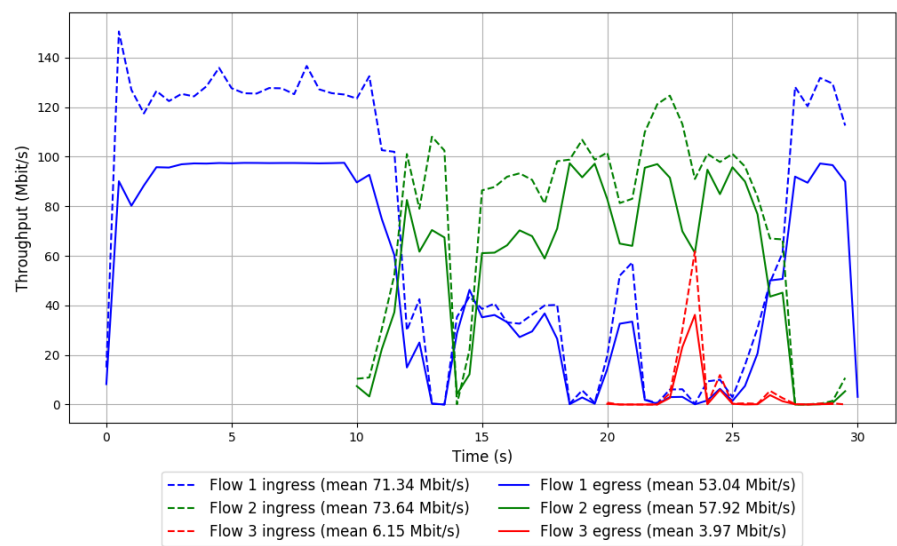
-- Flow 3:

Average throughput: 3.97 Mbit/s

95th percentile per-packet one-way delay: 71.425 ms

Loss rate: 37.94%

Run 1: Report of TCP BBR — Data Link

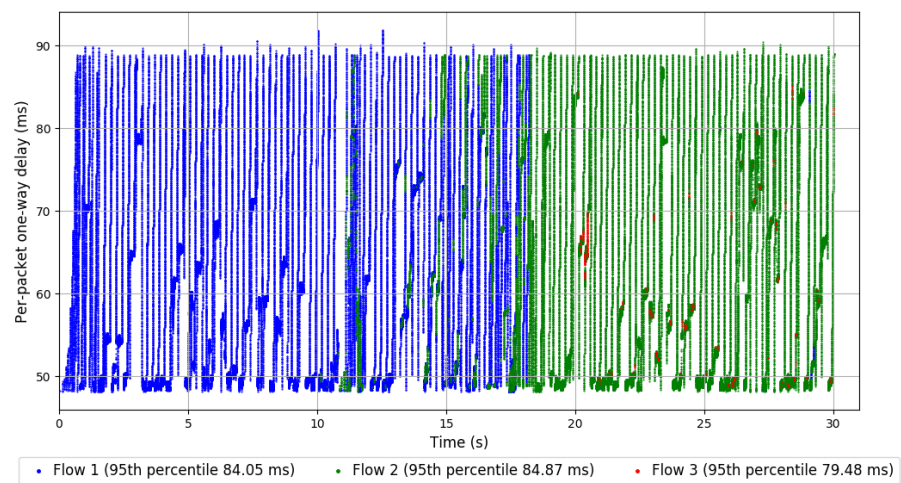
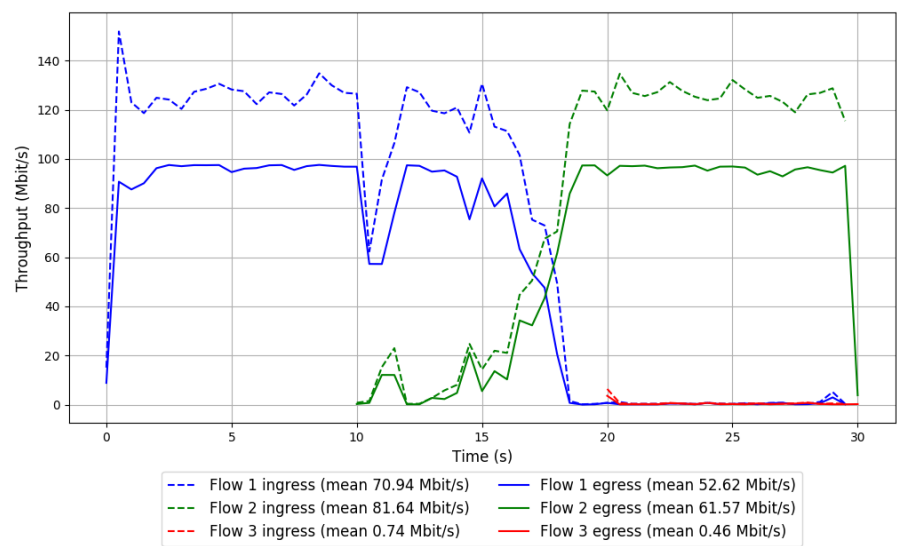


Run 2: Statistics of TCP BBR

Start at: 2017-09-08 01:39:55
End at: 2017-09-08 01:40:25
Local clock offset: -0.07 ms
Remote clock offset: -2.402 ms

Below is generated by plot.py at 2017-09-08 05:30:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 84.403 ms
Loss rate: 25.40%
-- Flow 1:
Average throughput: 52.62 Mbit/s
95th percentile per-packet one-way delay: 84.052 ms
Loss rate: 26.01%
-- Flow 2:
Average throughput: 61.57 Mbit/s
95th percentile per-packet one-way delay: 84.873 ms
Loss rate: 24.55%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 79.479 ms
Loss rate: 38.06%

Run 2: Report of TCP BBR — Data Link

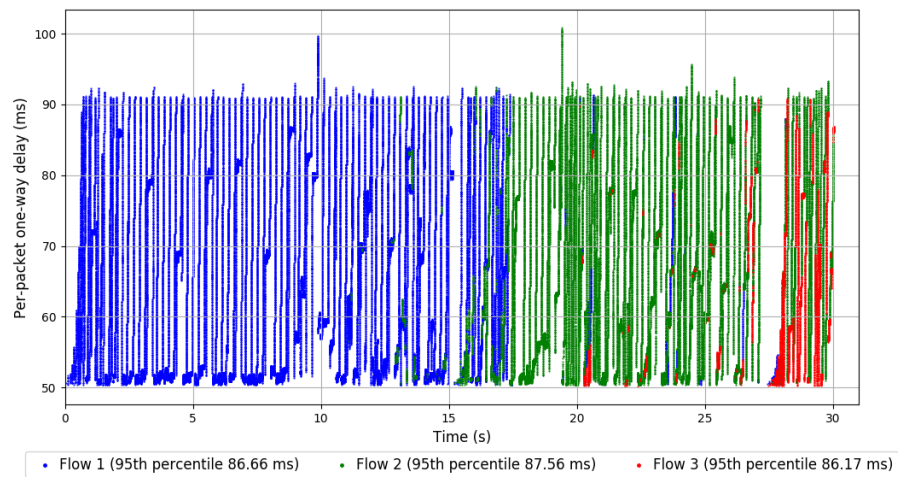
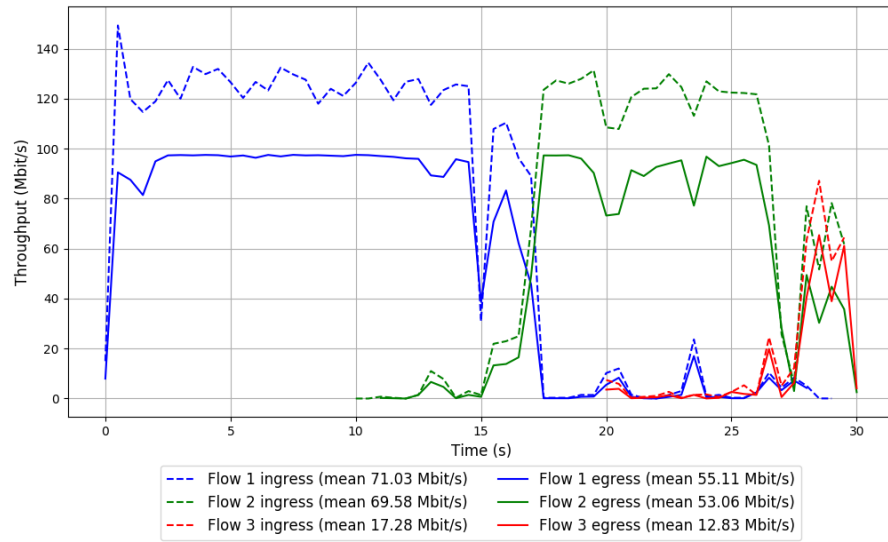


Run 3: Statistics of TCP BBR

Start at: 2017-09-08 02:00:49
End at: 2017-09-08 02:01:19
Local clock offset: -0.103 ms
Remote clock offset: -0.796 ms

Below is generated by plot.py at 2017-09-08 05:30:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.00 Mbit/s
95th percentile per-packet one-way delay: 86.867 ms
Loss rate: 26.09%
-- Flow 1:
Average throughput: 55.11 Mbit/s
95th percentile per-packet one-way delay: 86.662 ms
Loss rate: 25.18%
-- Flow 2:
Average throughput: 53.06 Mbit/s
95th percentile per-packet one-way delay: 87.559 ms
Loss rate: 27.49%
-- Flow 3:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 86.168 ms
Loss rate: 25.91%

Run 3: Report of TCP BBR — Data Link

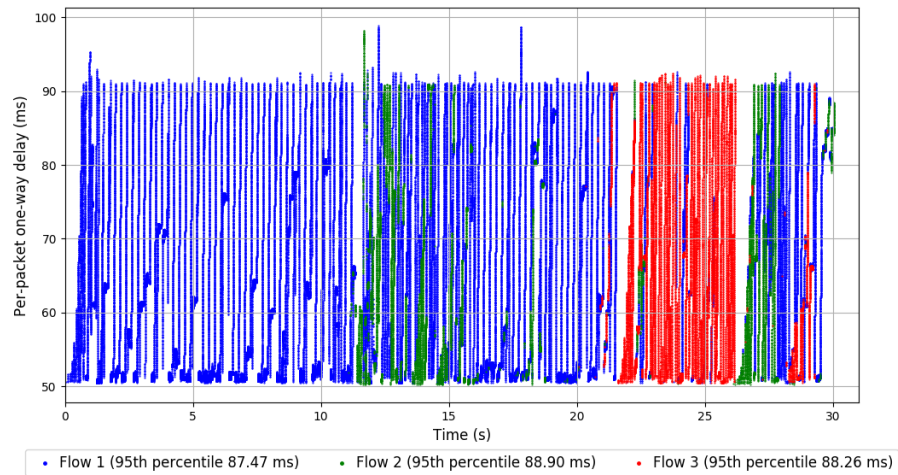
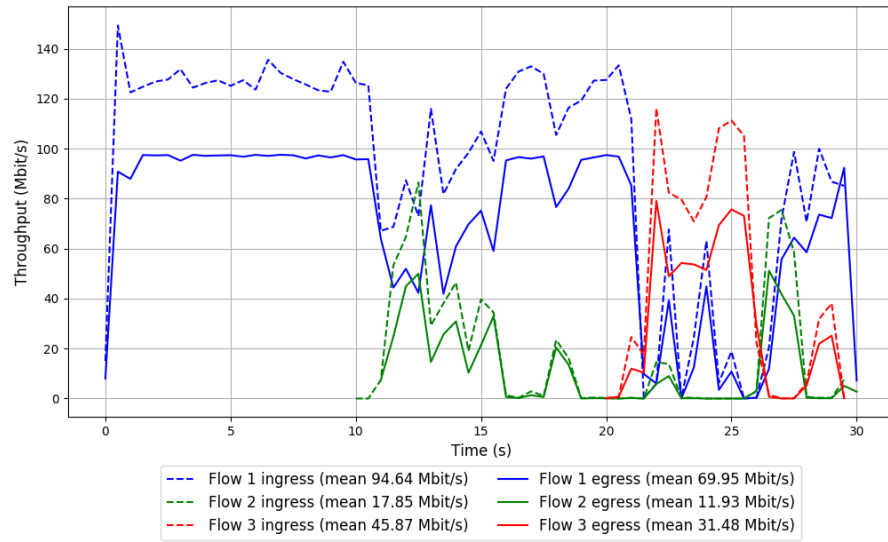


Run 4: Statistics of TCP BBR

Start at: 2017-09-08 02:21:51
End at: 2017-09-08 02:22:21
Local clock offset: -0.164 ms
Remote clock offset: -0.904 ms

Below is generated by plot.py at 2017-09-08 05:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 87.774 ms
Loss rate: 27.76%
-- Flow 1:
Average throughput: 69.95 Mbit/s
95th percentile per-packet one-way delay: 87.468 ms
Loss rate: 26.01%
-- Flow 2:
Average throughput: 11.93 Mbit/s
95th percentile per-packet one-way delay: 88.896 ms
Loss rate: 36.46%
-- Flow 3:
Average throughput: 31.48 Mbit/s
95th percentile per-packet one-way delay: 88.262 ms
Loss rate: 31.91%

Run 4: Report of TCP BBR — Data Link

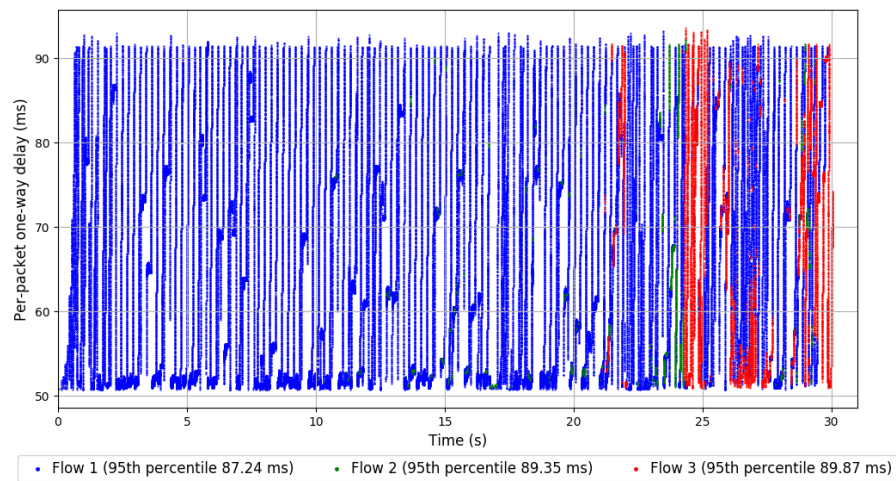
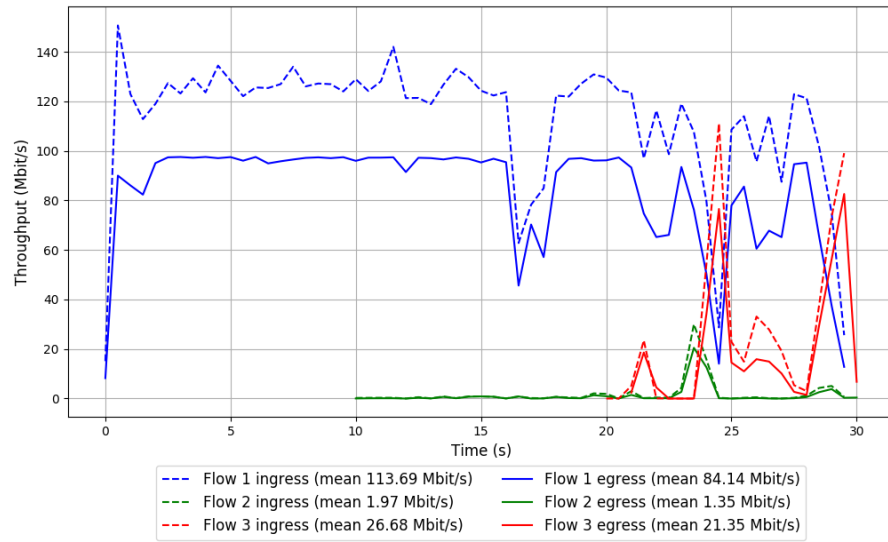


Run 5: Statistics of TCP BBR

Start at: 2017-09-08 02:42:44
End at: 2017-09-08 02:43:14
Local clock offset: -0.102 ms
Remote clock offset: -0.434 ms

Below is generated by plot.py at 2017-09-08 05:31:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 87.642 ms
Loss rate: 26.36%
-- Flow 1:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 87.236 ms
Loss rate: 26.18%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 89.352 ms
Loss rate: 31.45%
-- Flow 3:
Average throughput: 21.35 Mbit/s
95th percentile per-packet one-way delay: 89.866 ms
Loss rate: 28.00%

Run 5: Report of TCP BBR — Data Link

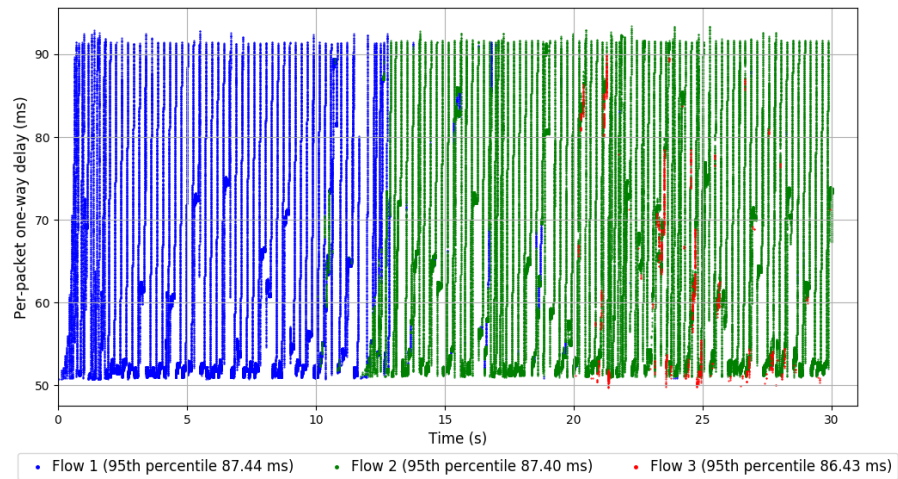
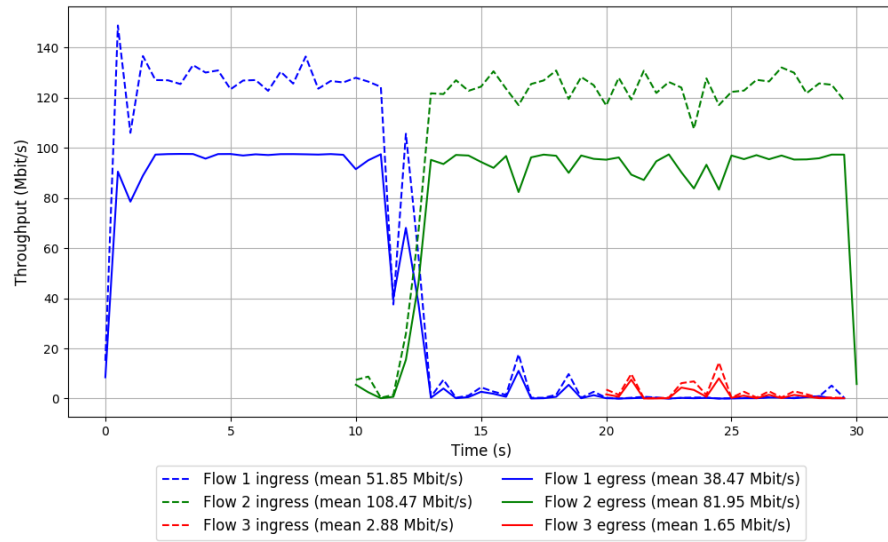


Run 6: Statistics of TCP BBR

Start at: 2017-09-08 03:03:38
End at: 2017-09-08 03:04:08
Local clock offset: -0.165 ms
Remote clock offset: -0.577 ms

Below is generated by plot.py at 2017-09-08 05:31:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 87.407 ms
Loss rate: 25.20%
-- Flow 1:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 87.439 ms
Loss rate: 26.00%
-- Flow 2:
Average throughput: 81.95 Mbit/s
95th percentile per-packet one-way delay: 87.404 ms
Loss rate: 24.40%
-- Flow 3:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 86.431 ms
Loss rate: 42.45%

Run 6: Report of TCP BBR — Data Link

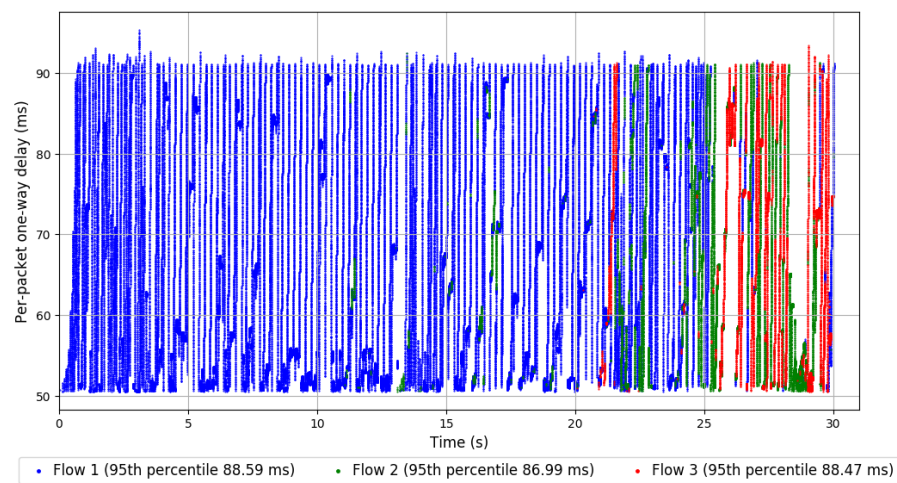
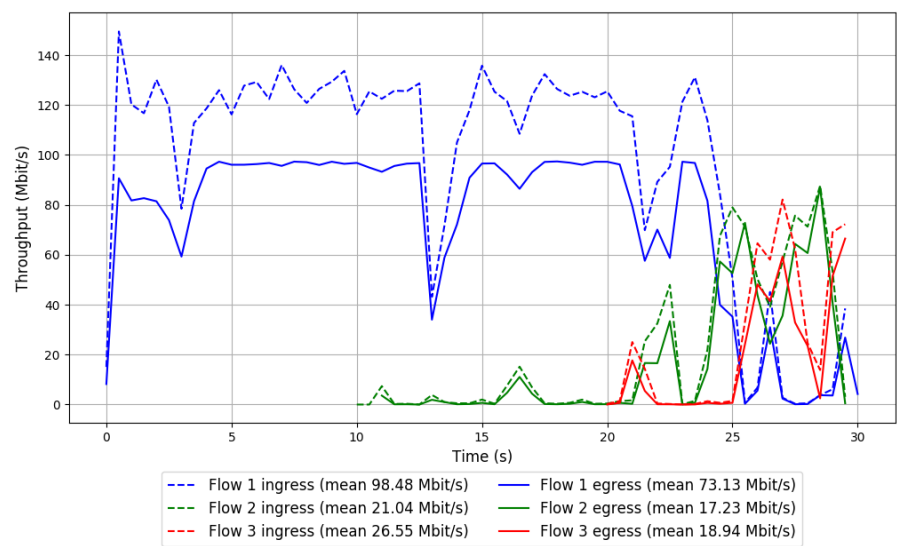


Run 7: Statistics of TCP BBR

Start at: 2017-09-08 03:24:32
End at: 2017-09-08 03:25:02
Local clock offset: -0.069 ms
Remote clock offset: -1.028 ms

Below is generated by plot.py at 2017-09-08 05:31:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 88.414 ms
Loss rate: 25.50%
-- Flow 1:
Average throughput: 73.13 Mbit/s
95th percentile per-packet one-way delay: 88.595 ms
Loss rate: 25.71%
-- Flow 2:
Average throughput: 17.23 Mbit/s
95th percentile per-packet one-way delay: 86.989 ms
Loss rate: 22.14%
-- Flow 3:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 88.469 ms
Loss rate: 28.49%

Run 7: Report of TCP BBR — Data Link

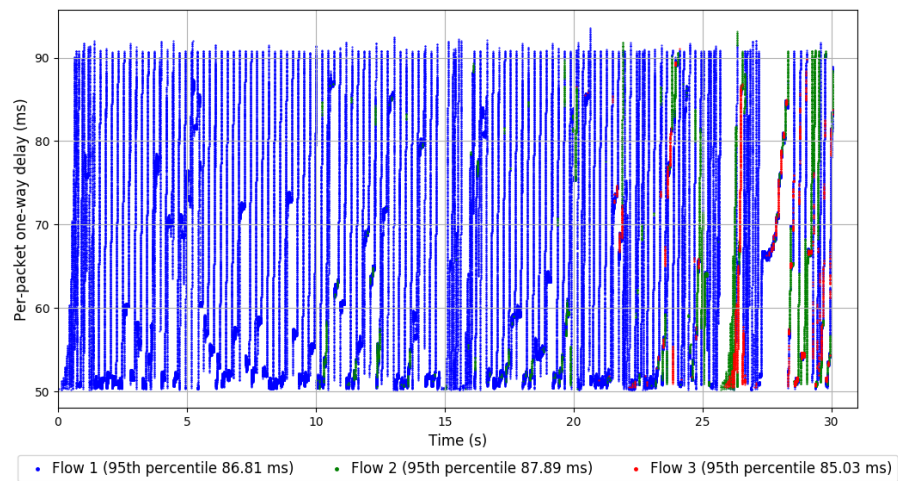
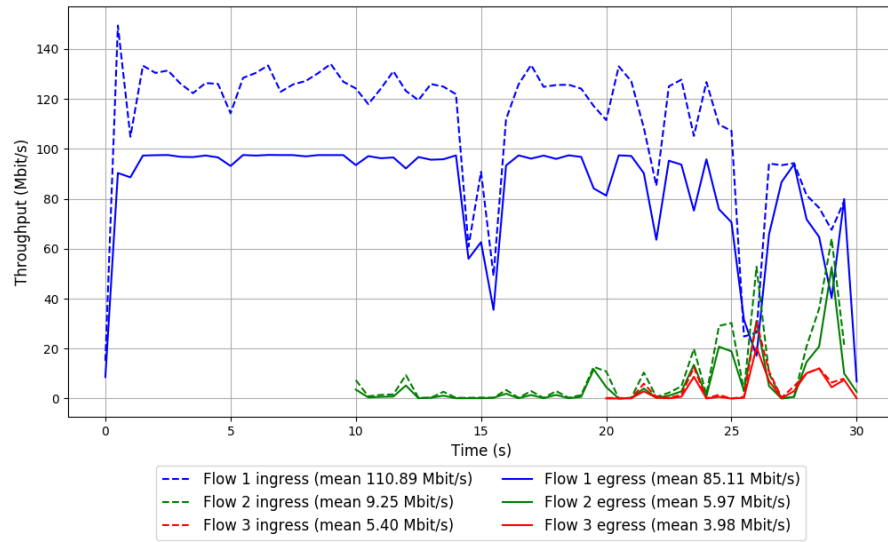


Run 8: Statistics of TCP BBR

Start at: 2017-09-08 03:45:24
End at: 2017-09-08 03:45:54
Local clock offset: -0.027 ms
Remote clock offset: -1.129 ms

Below is generated by plot.py at 2017-09-08 05:31:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 86.836 ms
Loss rate: 23.85%
-- Flow 1:
Average throughput: 85.11 Mbit/s
95th percentile per-packet one-way delay: 86.807 ms
Loss rate: 23.17%
-- Flow 2:
Average throughput: 5.97 Mbit/s
95th percentile per-packet one-way delay: 87.886 ms
Loss rate: 35.39%
-- Flow 3:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 85.026 ms
Loss rate: 26.39%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-09-08 04:06:15

End at: 2017-09-08 04:06:45

Local clock offset: -0.005 ms

Remote clock offset: -1.17 ms

Below is generated by plot.py at 2017-09-08 05:31:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.03 Mbit/s

95th percentile per-packet one-way delay: 87.473 ms

Loss rate: 24.38%

-- Flow 1:

Average throughput: 88.89 Mbit/s

95th percentile per-packet one-way delay: 87.471 ms

Loss rate: 24.05%

-- Flow 2:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: 88.953 ms

Loss rate: 41.05%

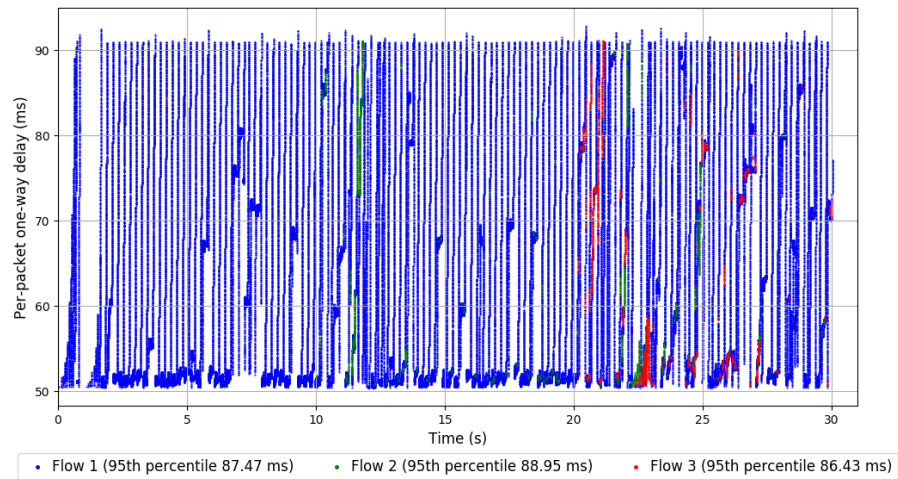
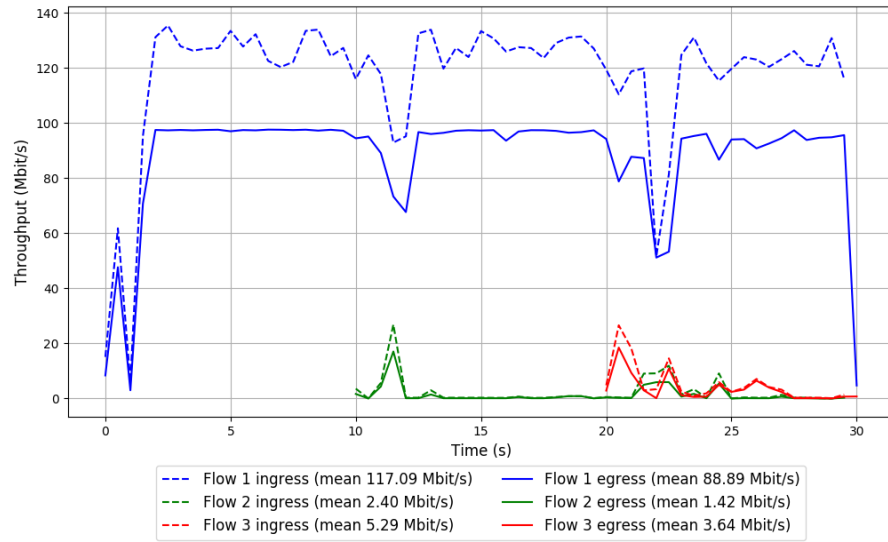
-- Flow 3:

Average throughput: 3.64 Mbit/s

95th percentile per-packet one-way delay: 86.433 ms

Loss rate: 31.06%

Run 9: Report of TCP BBR — Data Link

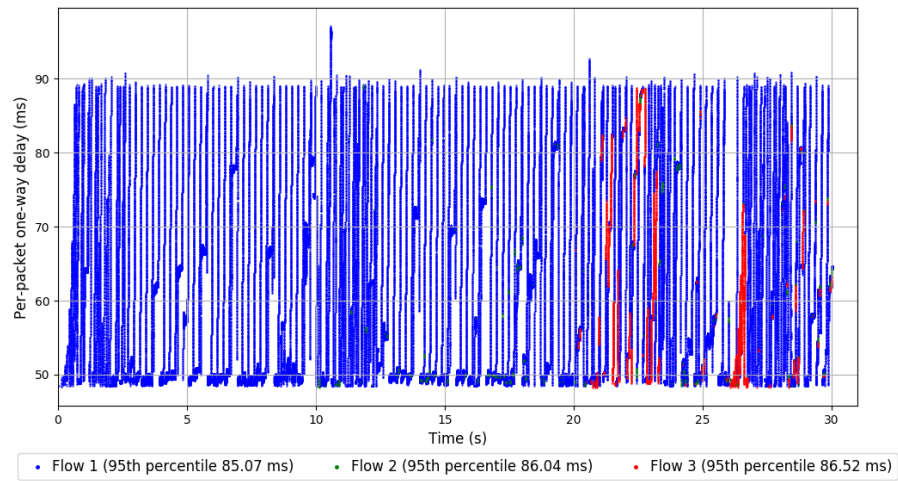
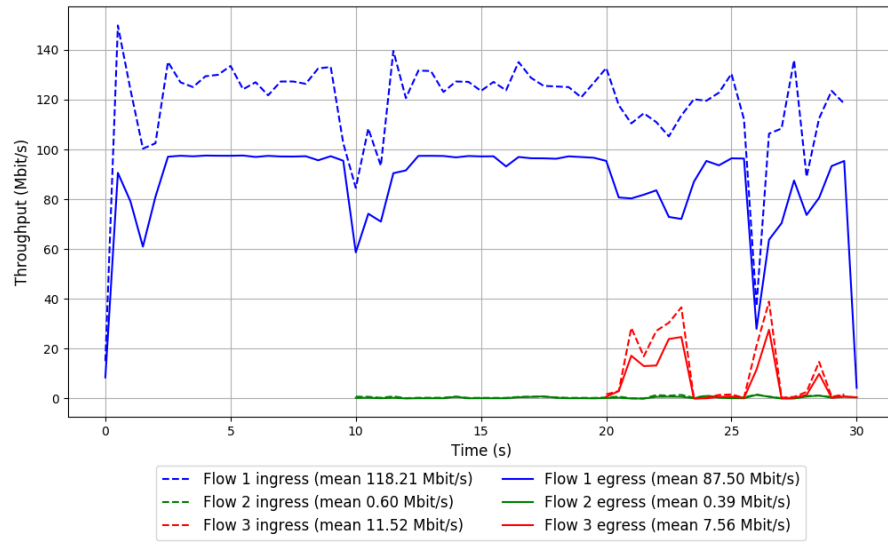


Run 10: Statistics of TCP BBR

Start at: 2017-09-08 04:27:35
End at: 2017-09-08 04:28:05
Local clock offset: 0.08 ms
Remote clock offset: -3.358 ms

Below is generated by plot.py at 2017-09-08 05:31:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 85.117 ms
Loss rate: 26.23%
-- Flow 1:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 85.072 ms
Loss rate: 25.94%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 86.040 ms
Loss rate: 34.67%
-- Flow 3:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 86.516 ms
Loss rate: 34.36%

Run 10: Report of TCP BBR — Data Link

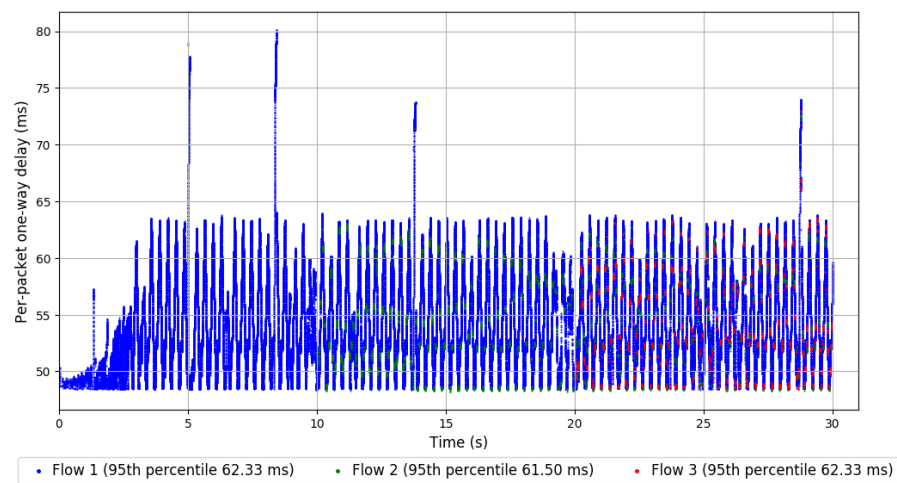
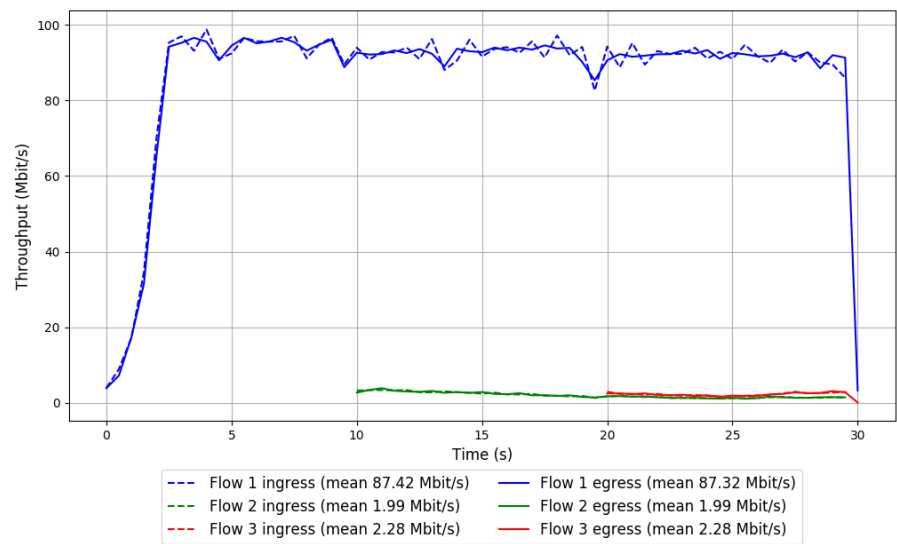


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-08 01:30:08
End at: 2017-09-08 01:30:38
Local clock offset: -0.132 ms
Remote clock offset: -2.193 ms

Below is generated by plot.py at 2017-09-08 05:31:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.40 Mbit/s
95th percentile per-packet one-way delay: 62.322 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 62.329 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 61.501 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 62.329 ms
Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link

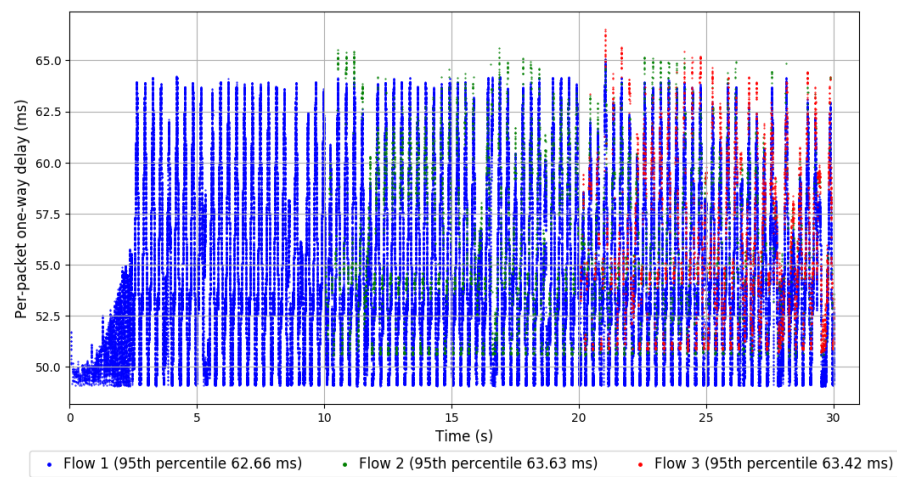
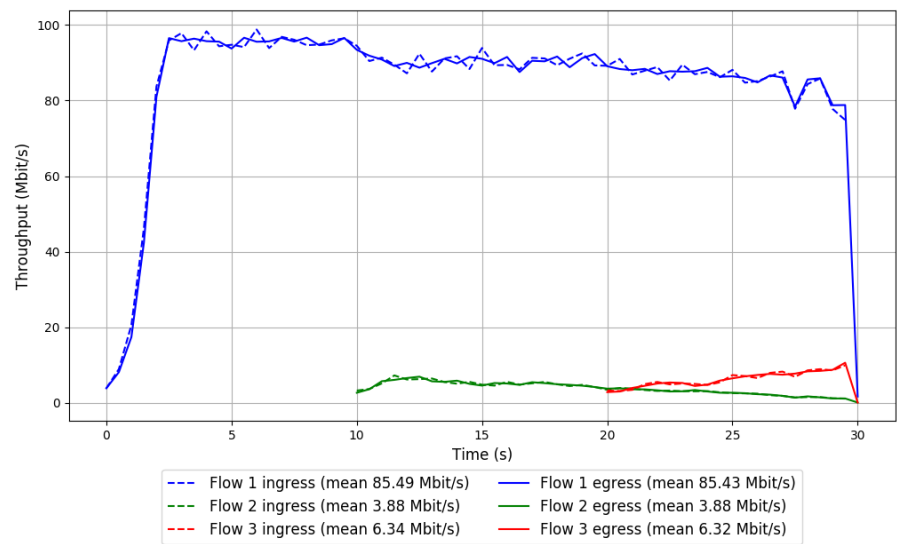


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-08 01:51:01
End at: 2017-09-08 01:51:31
Local clock offset: -0.157 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2017-09-08 05:31:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 62.677 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 62.656 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 63.626 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 6.32 Mbit/s
95th percentile per-packet one-way delay: 63.420 ms
Loss rate: 0.27%

Run 2: Report of CalibratedKoho — Data Link

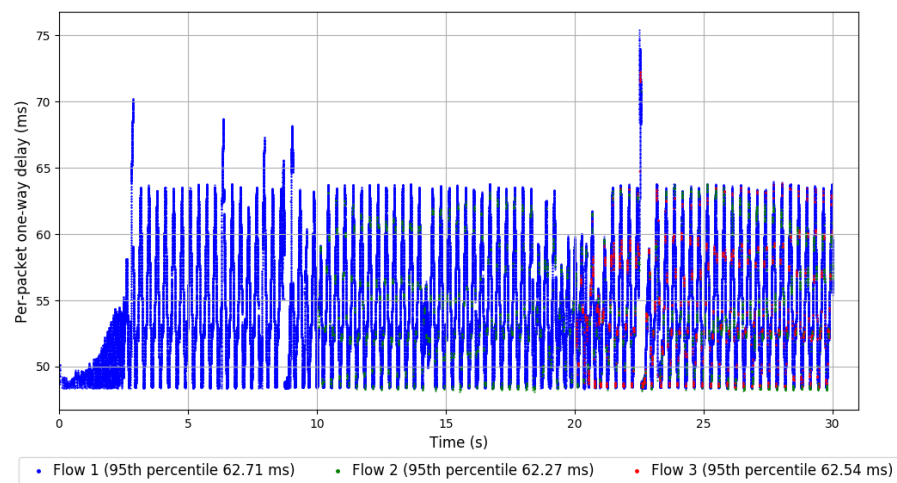
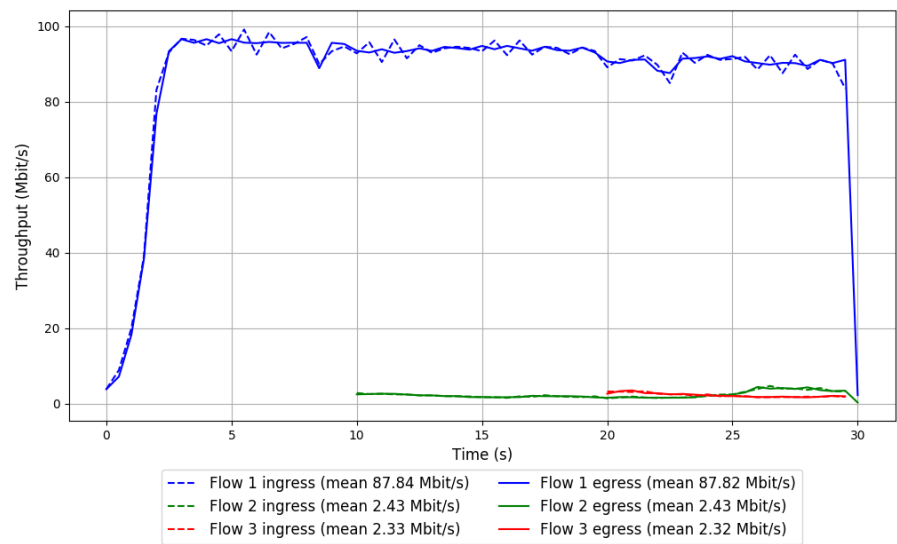


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-08 02:12:03
End at: 2017-09-08 02:12:33
Local clock offset: -0.228 ms
Remote clock offset: -3.078 ms

Below is generated by plot.py at 2017-09-08 05:31:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.21 Mbit/s
95th percentile per-packet one-way delay: 62.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 62.708 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 62.268 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 62.544 ms
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

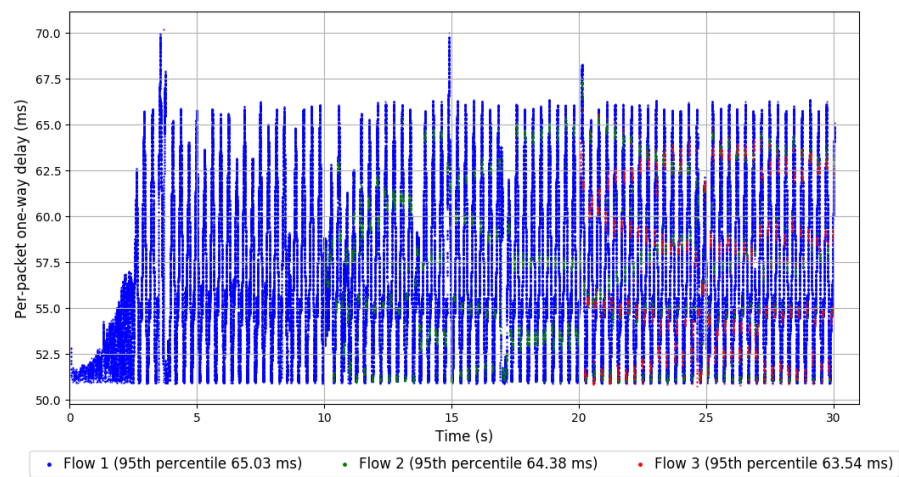
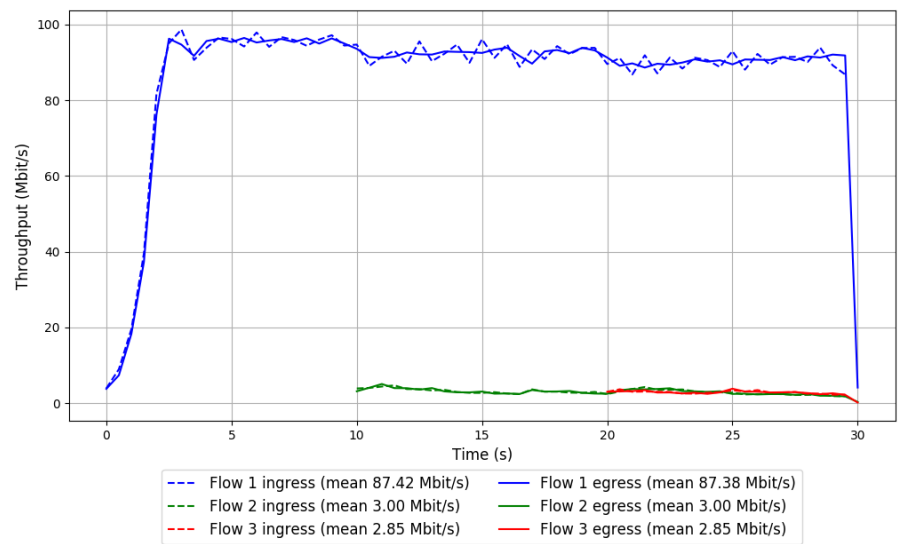


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-08 02:32:56
End at: 2017-09-08 02:33:26
Local clock offset: -0.133 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2017-09-08 05:31:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 65.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 65.030 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 64.382 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 63.537 ms
Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link

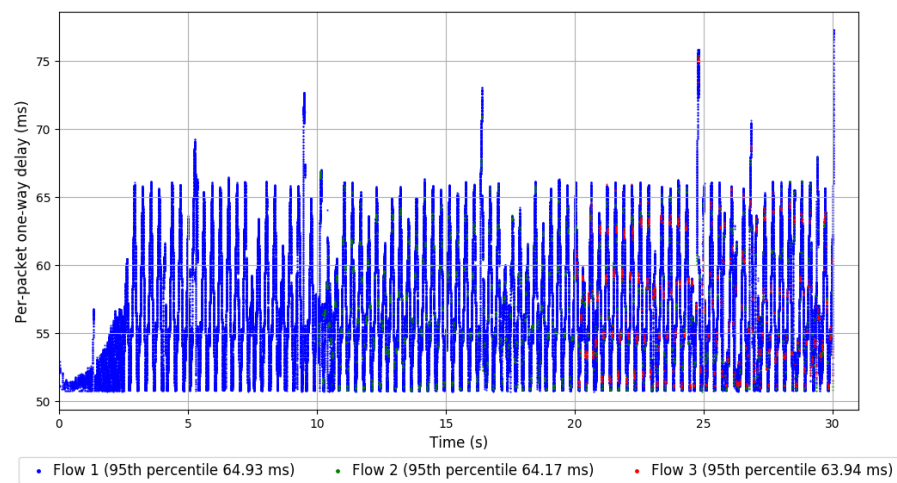
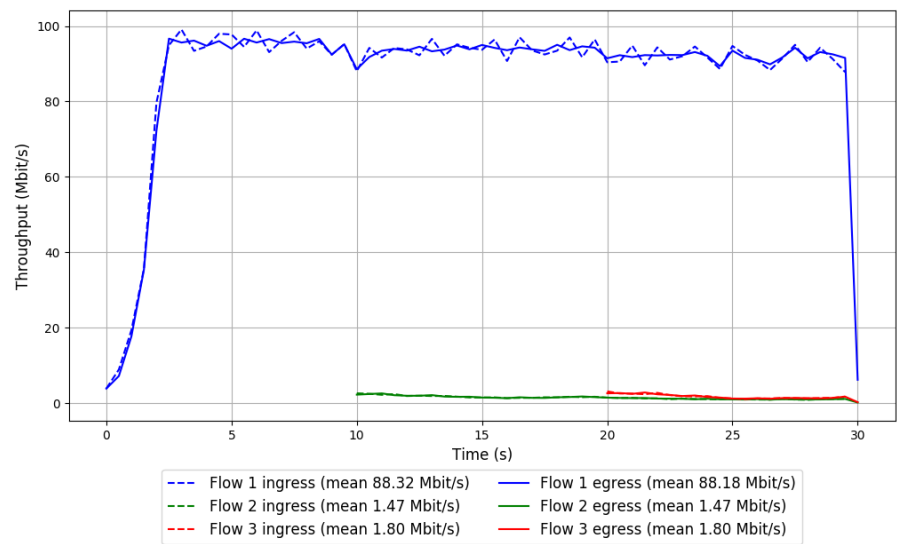


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-08 02:53:49
End at: 2017-09-08 02:54:19
Local clock offset: -0.135 ms
Remote clock offset: -0.578 ms

Below is generated by plot.py at 2017-09-08 05:32:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 64.910 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 64.934 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 64.165 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 63.942 ms
Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link

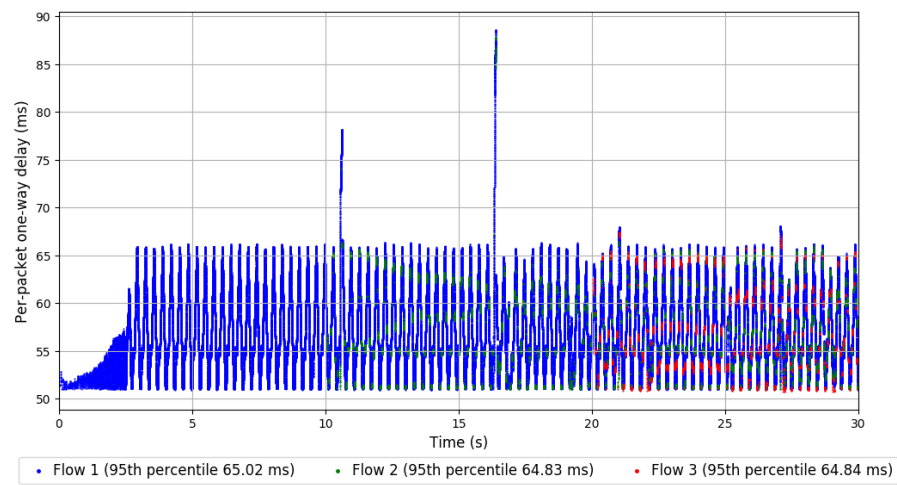
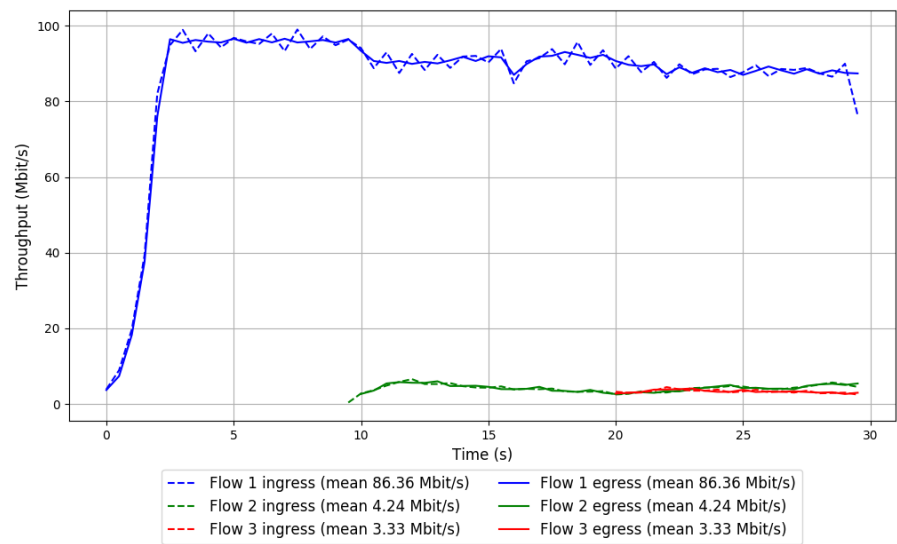


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-08 03:14:43
End at: 2017-09-08 03:15:13
Local clock offset: -0.203 ms
Remote clock offset: -0.648 ms

Below is generated by plot.py at 2017-09-08 05:32:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.29 Mbit/s
95th percentile per-packet one-way delay: 64.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.36 Mbit/s
95th percentile per-packet one-way delay: 65.016 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 64.834 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 64.842 ms
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link

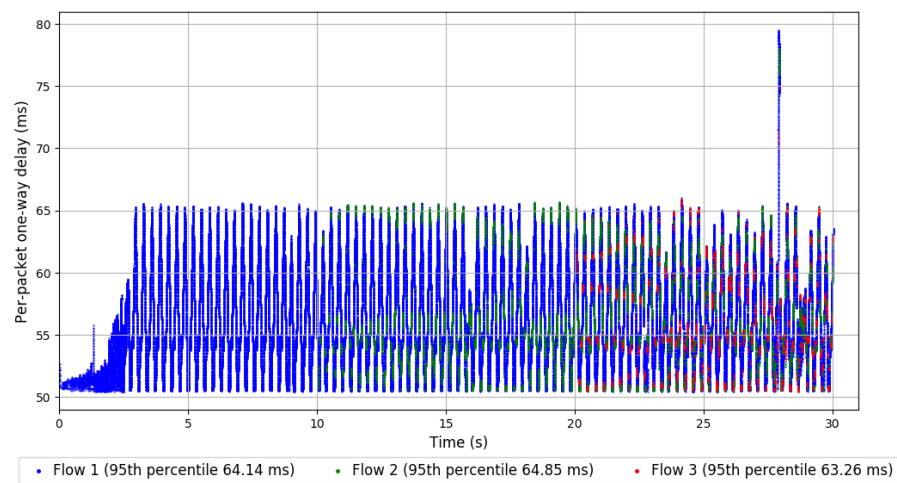
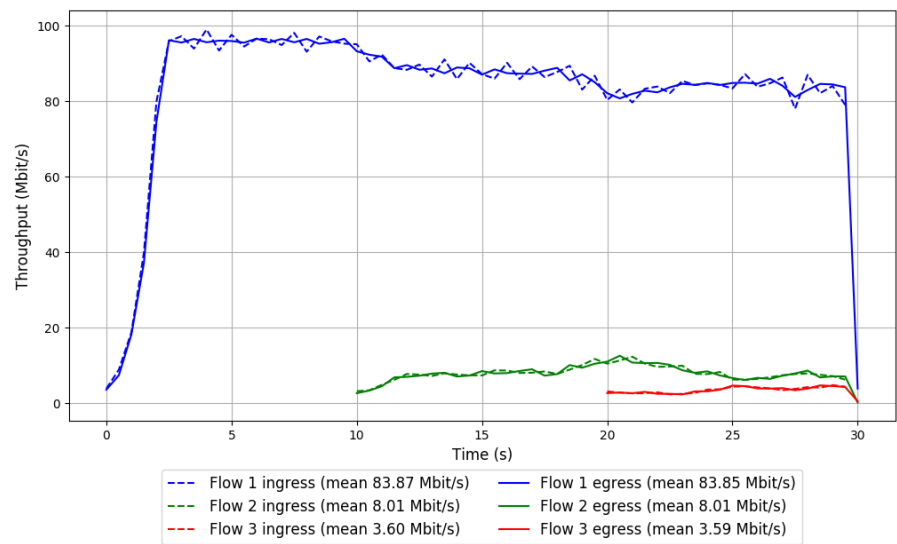


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-08 03:35:37
End at: 2017-09-08 03:36:07
Local clock offset: -0.072 ms
Remote clock offset: -1.122 ms

Below is generated by plot.py at 2017-09-08 05:32:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 64.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 64.136 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.01 Mbit/s
95th percentile per-packet one-way delay: 64.849 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 63.262 ms
Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link

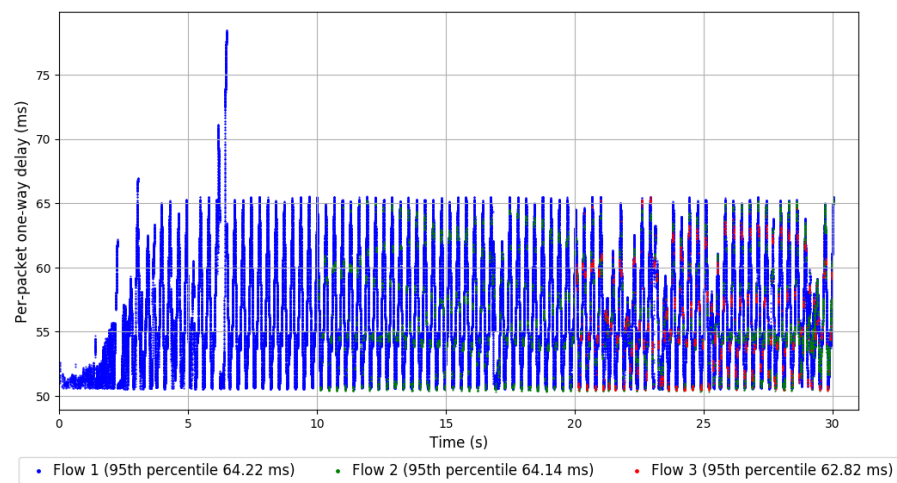
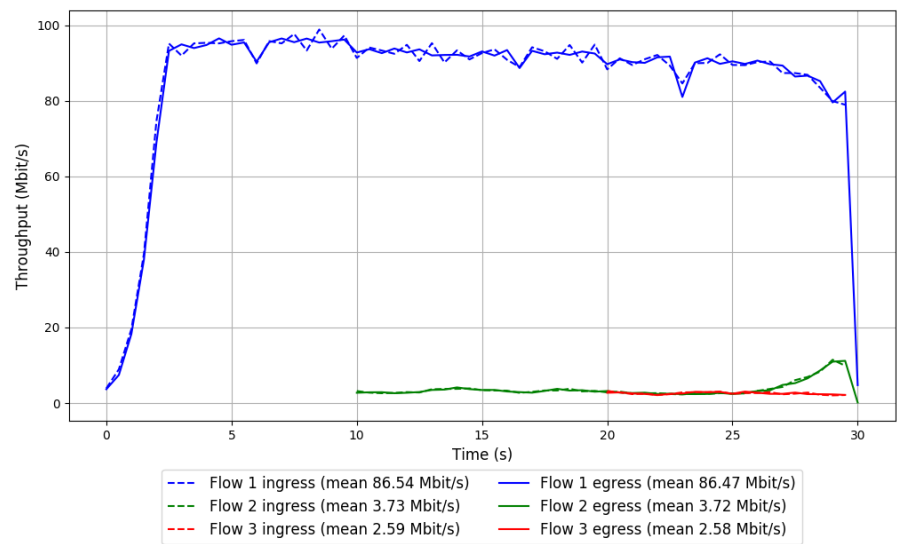


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-08 03:56:25
End at: 2017-09-08 03:56:55
Local clock offset: -0.054 ms
Remote clock offset: -1.172 ms

Below is generated by plot.py at 2017-09-08 05:32:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 64.214 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 64.221 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 64.136 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 62.823 ms
Loss rate: 0.19%

Run 8: Report of CalibratedKoho — Data Link

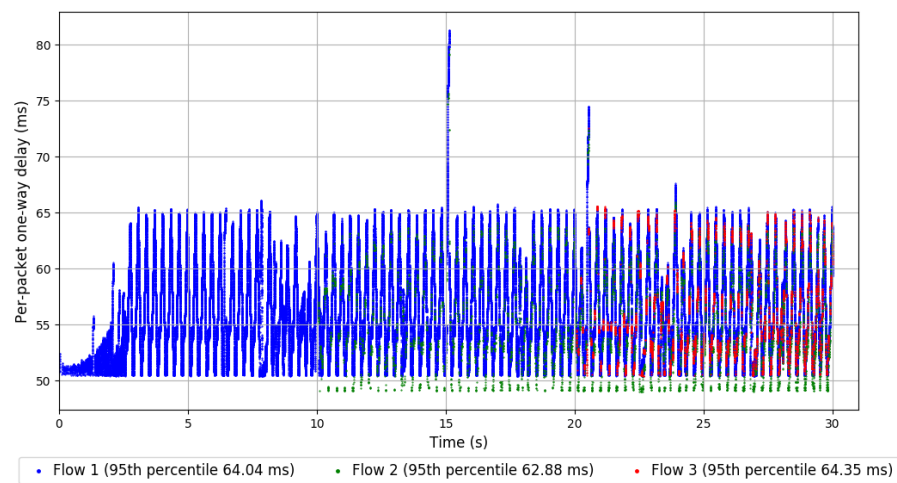
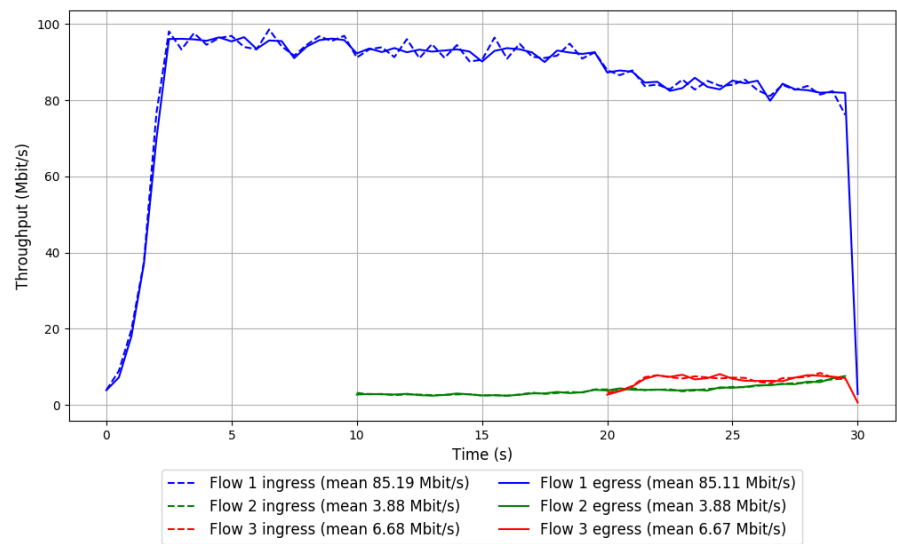


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-08 04:17:28
End at: 2017-09-08 04:17:58
Local clock offset: 0.167 ms
Remote clock offset: -1.032 ms

Below is generated by plot.py at 2017-09-08 05:32:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 64.033 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 85.11 Mbit/s
95th percentile per-packet one-way delay: 64.040 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 62.883 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 64.349 ms
Loss rate: 0.05%

Run 9: Report of CalibratedKoho — Data Link

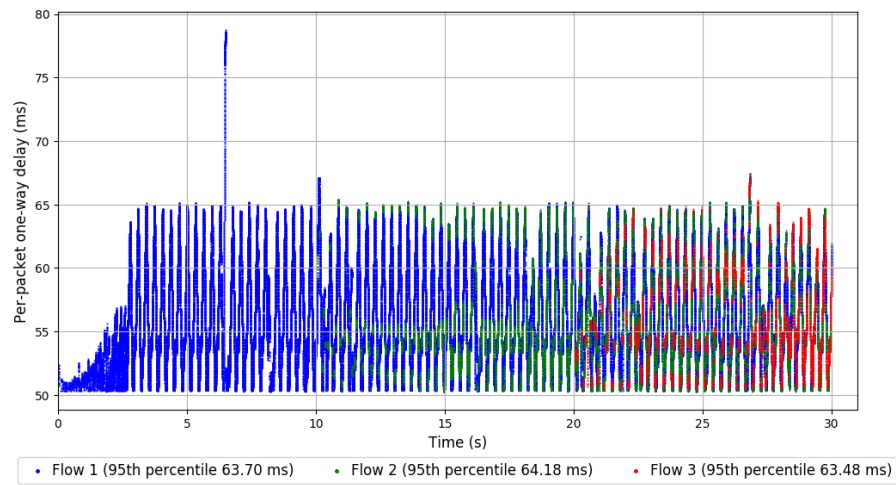
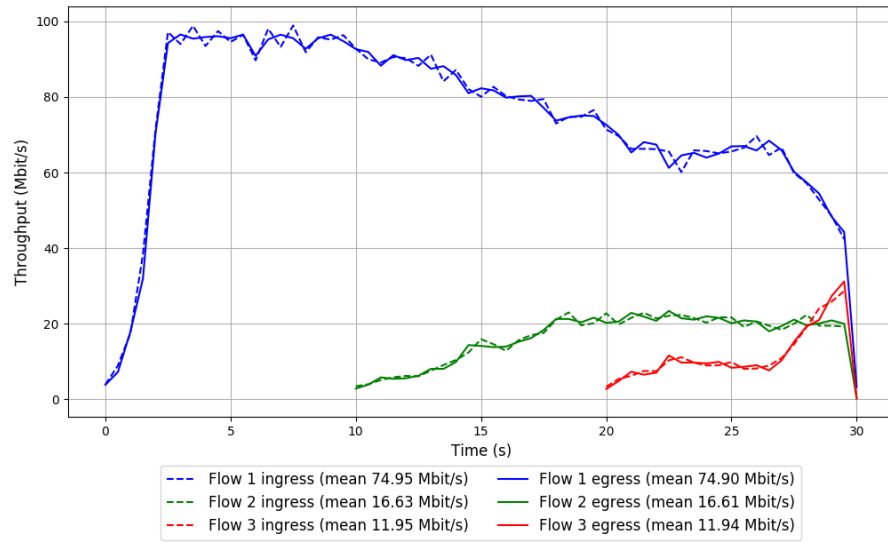


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-08 04:38:38
End at: 2017-09-08 04:39:08
Local clock offset: 0.161 ms
Remote clock offset: -1.274 ms

Below is generated by plot.py at 2017-09-08 05:32:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 63.833 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 74.90 Mbit/s
95th percentile per-packet one-way delay: 63.699 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 64.182 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 11.94 Mbit/s
95th percentile per-packet one-way delay: 63.476 ms
Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-08 01:21:52

End at: 2017-09-08 01:22:22

Local clock offset: 0.04 ms

Remote clock offset: 0.207 ms

Below is generated by plot.py at 2017-09-08 05:32:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 55.065 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 57.31 Mbit/s

95th percentile per-packet one-way delay: 55.298 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 35.21 Mbit/s

95th percentile per-packet one-way delay: 54.851 ms

Loss rate: 0.07%

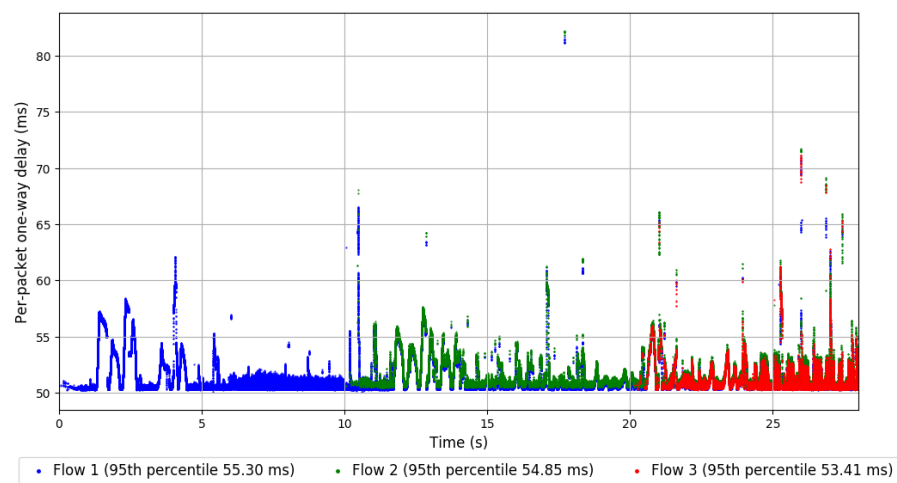
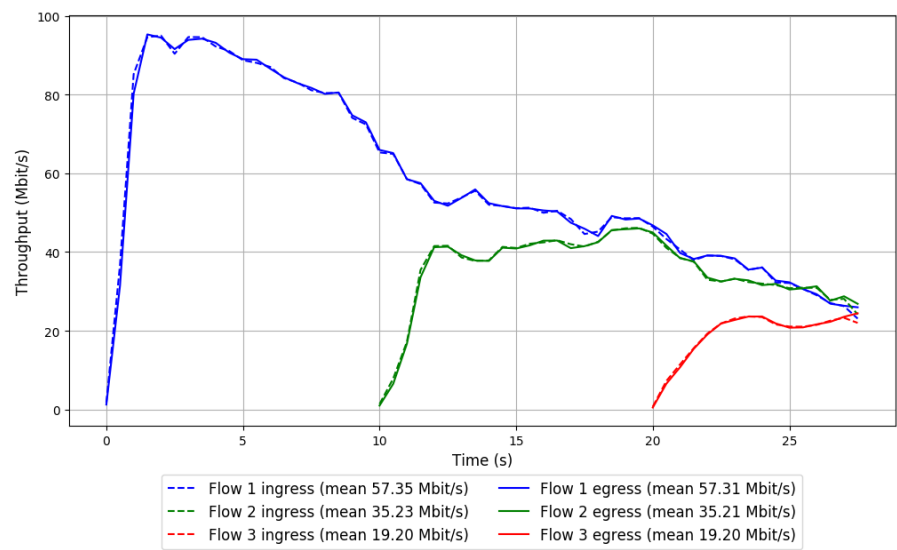
-- Flow 3:

Average throughput: 19.20 Mbit/s

95th percentile per-packet one-way delay: 53.408 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

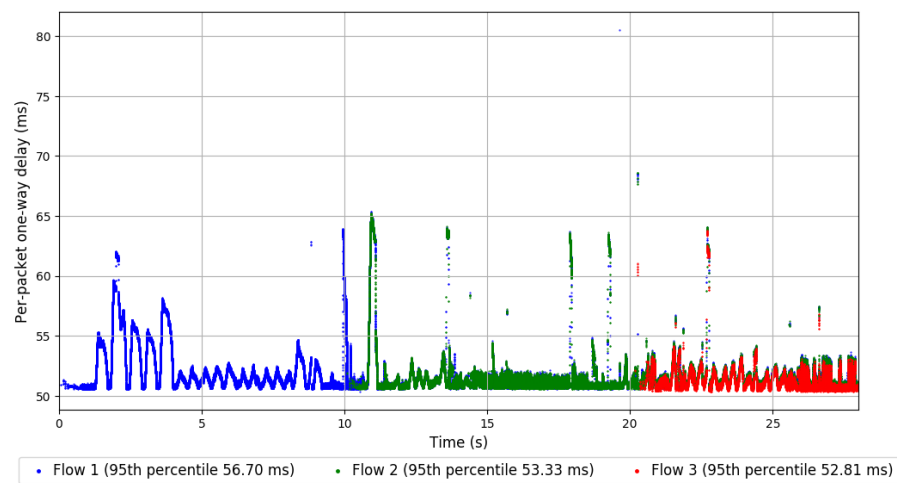
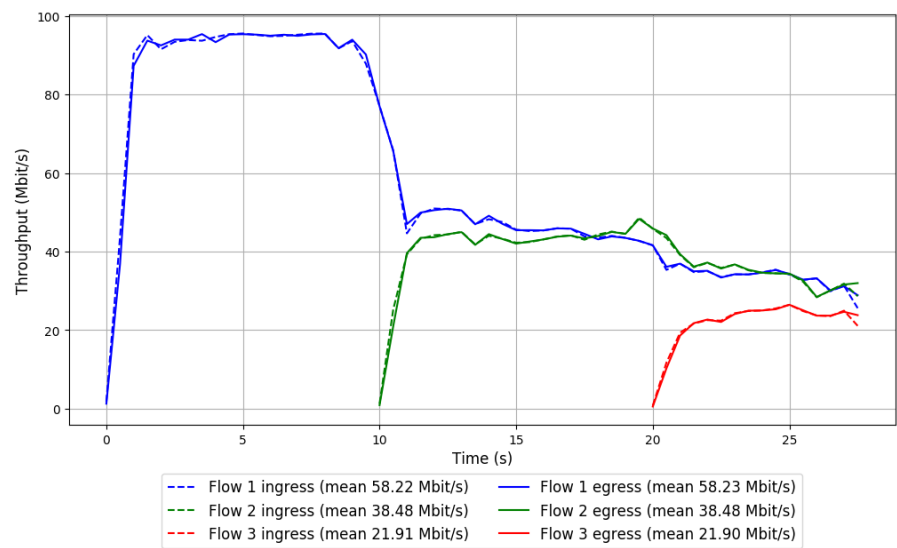


Run 2: Statistics of Copa

Start at: 2017-09-08 01:42:44
End at: 2017-09-08 01:43:14
Local clock offset: -0.132 ms
Remote clock offset: -0.376 ms

Below is generated by plot.py at 2017-09-08 05:32:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.99 Mbit/s
95th percentile per-packet one-way delay: 55.947 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 56.696 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 38.48 Mbit/s
95th percentile per-packet one-way delay: 53.332 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 21.90 Mbit/s
95th percentile per-packet one-way delay: 52.809 ms
Loss rate: 0.04%

Run 2: Report of Copa — Data Link

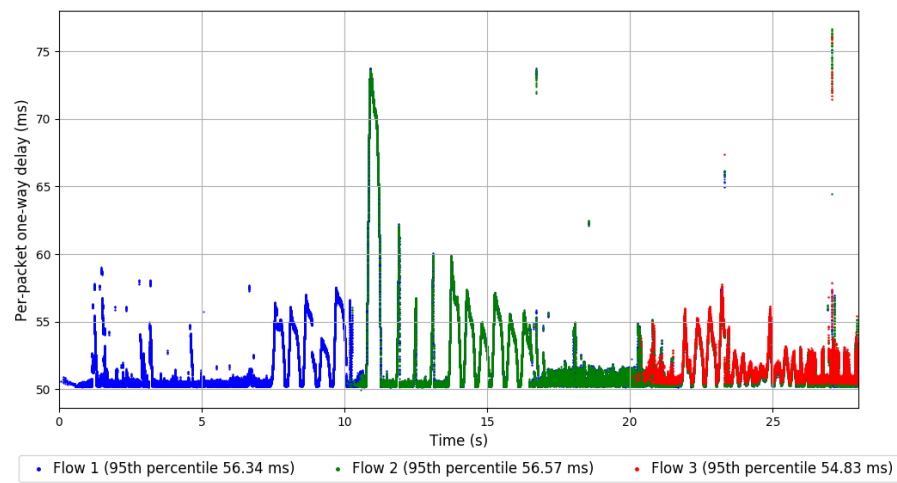
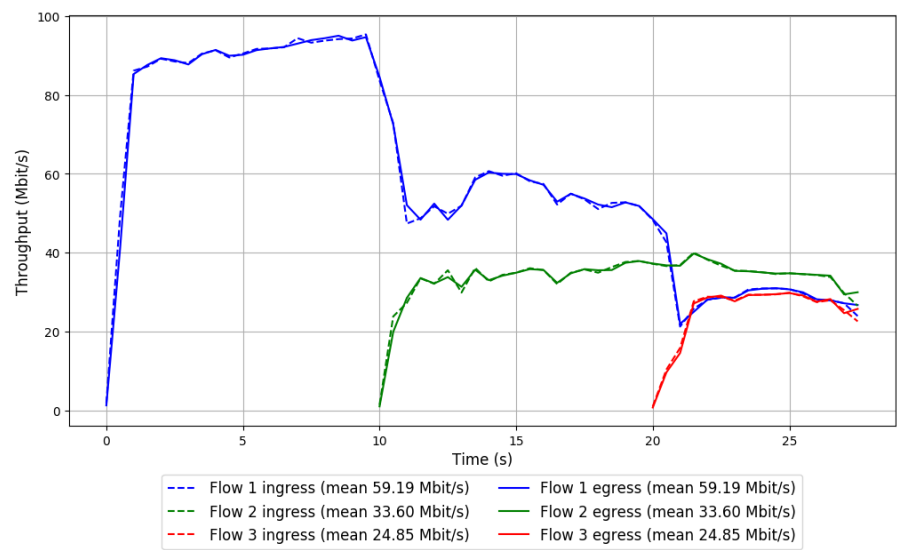


Run 3: Statistics of Copa

Start at: 2017-09-08 02:03:41
End at: 2017-09-08 02:04:11
Local clock offset: -0.124 ms
Remote clock offset: -0.831 ms

Below is generated by plot.py at 2017-09-08 05:33:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 56.281 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 56.337 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 56.568 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 54.830 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

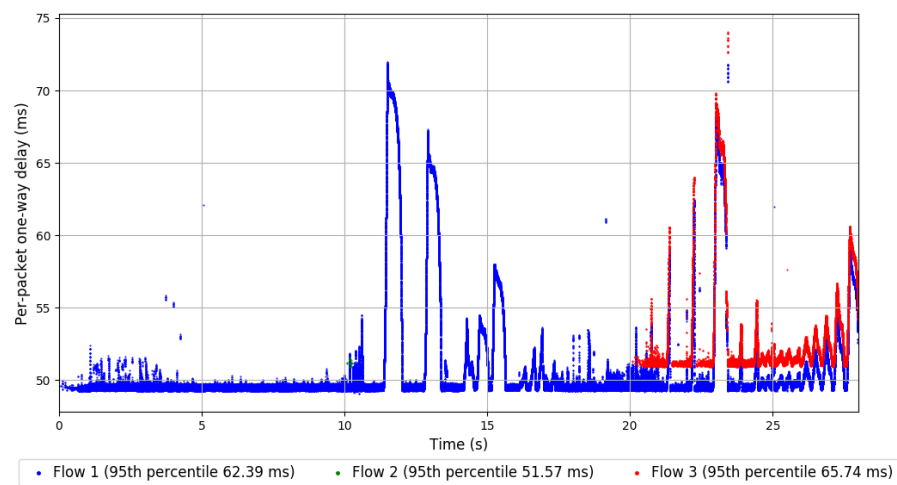
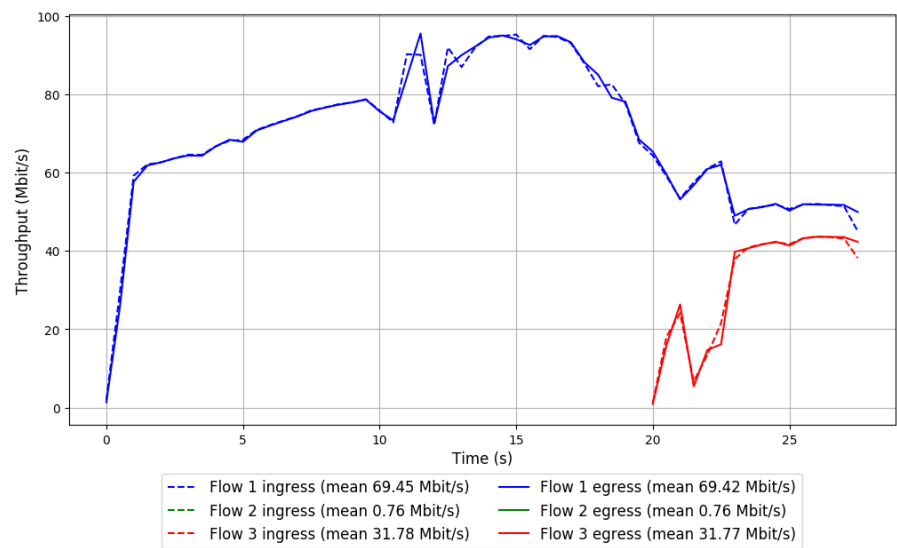


Run 4: Statistics of Copa

Start at: 2017-09-08 02:24:39
End at: 2017-09-08 02:25:09
Local clock offset: -0.164 ms
Remote clock offset: -0.47 ms

Below is generated by plot.py at 2017-09-08 05:33:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.40 Mbit/s
95th percentile per-packet one-way delay: 62.876 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 69.42 Mbit/s
95th percentile per-packet one-way delay: 62.394 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 51.574 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 65.743 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

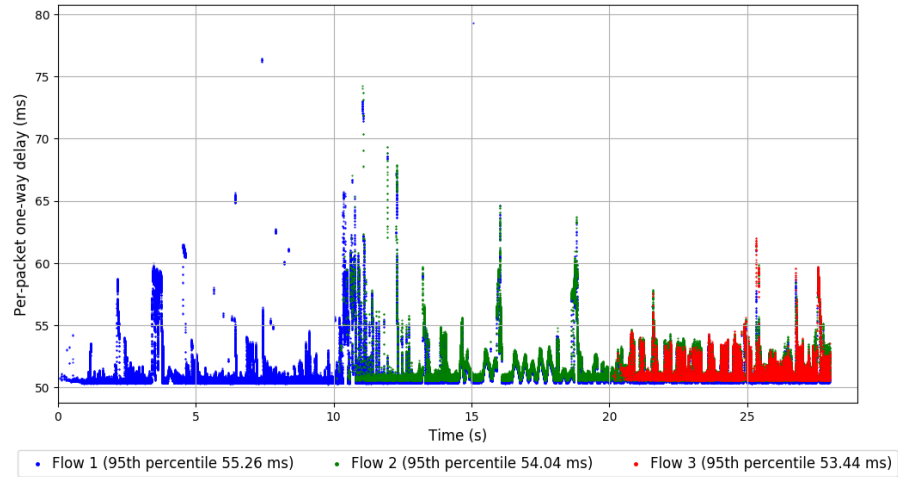
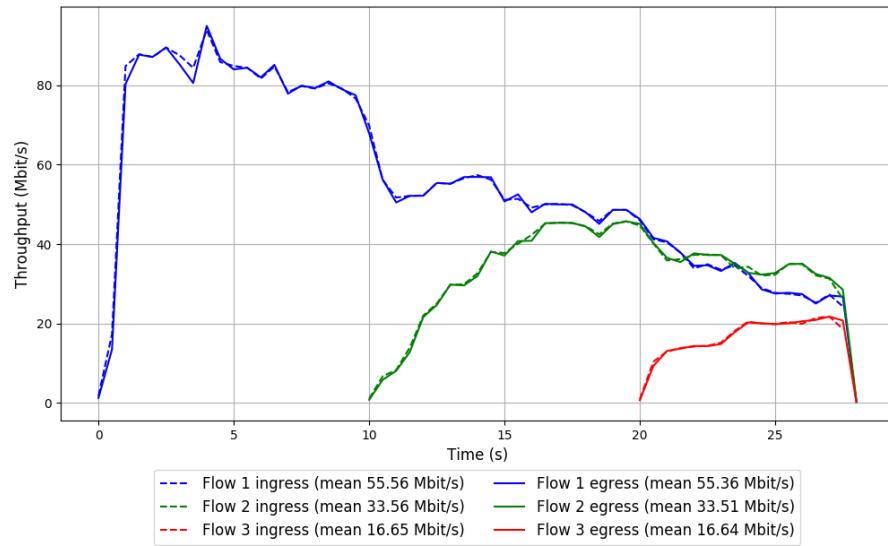


Run 5: Statistics of Copa

Start at: 2017-09-08 02:45:33
End at: 2017-09-08 02:46:03
Local clock offset: -0.082 ms
Remote clock offset: -0.906 ms

Below is generated by plot.py at 2017-09-08 05:33:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.51 Mbit/s
95th percentile per-packet one-way delay: 54.679 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 55.36 Mbit/s
95th percentile per-packet one-way delay: 55.258 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 33.51 Mbit/s
95th percentile per-packet one-way delay: 54.036 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 16.64 Mbit/s
95th percentile per-packet one-way delay: 53.442 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

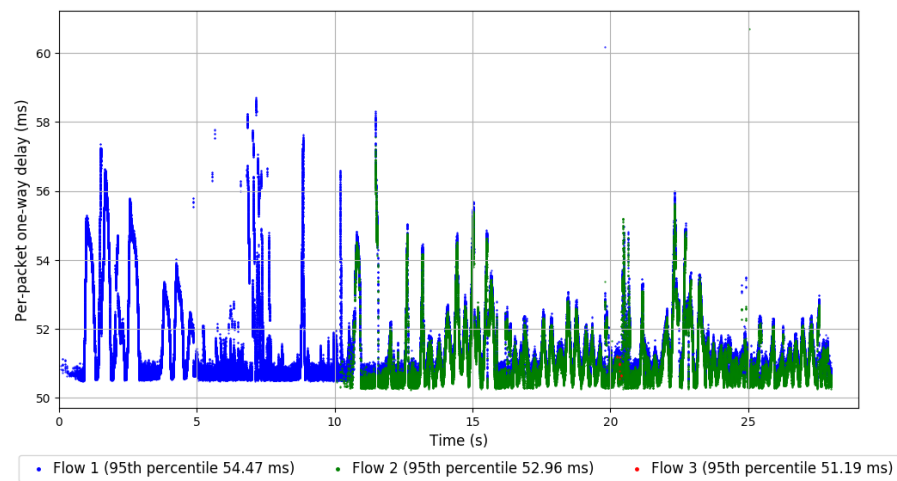
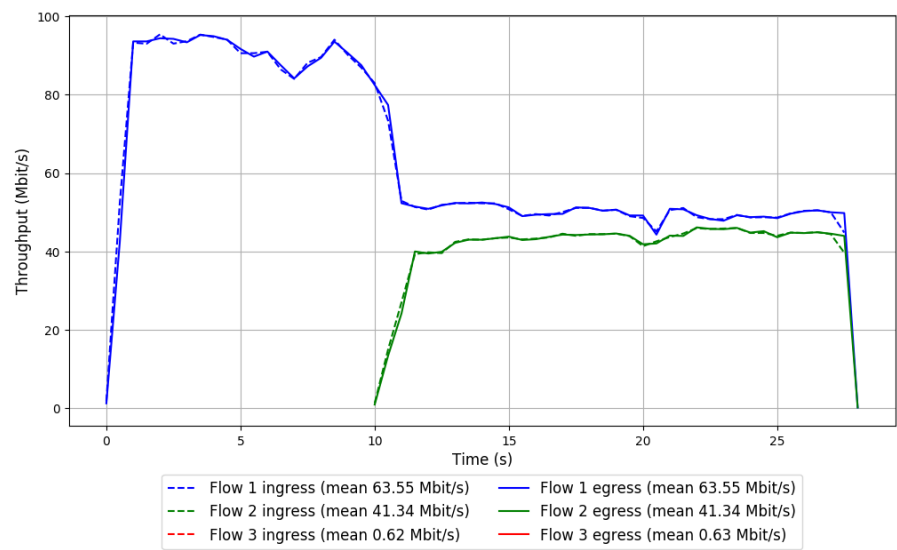


Run 6: Statistics of Copa

Start at: 2017-09-08 03:06:26
End at: 2017-09-08 03:06:56
Local clock offset: -0.068 ms
Remote clock offset: -0.969 ms

Below is generated by plot.py at 2017-09-08 05:33:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 54.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.55 Mbit/s
95th percentile per-packet one-way delay: 54.473 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.34 Mbit/s
95th percentile per-packet one-way delay: 52.957 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 51.189 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-09-08 03:27:22

End at: 2017-09-08 03:27:52

Local clock offset: -0.084 ms

Remote clock offset: -3.16 ms

Below is generated by plot.py at 2017-09-08 05:33:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.01 Mbit/s

95th percentile per-packet one-way delay: 55.055 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.98 Mbit/s

95th percentile per-packet one-way delay: 55.401 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 38.72 Mbit/s

95th percentile per-packet one-way delay: 53.942 ms

Loss rate: 0.00%

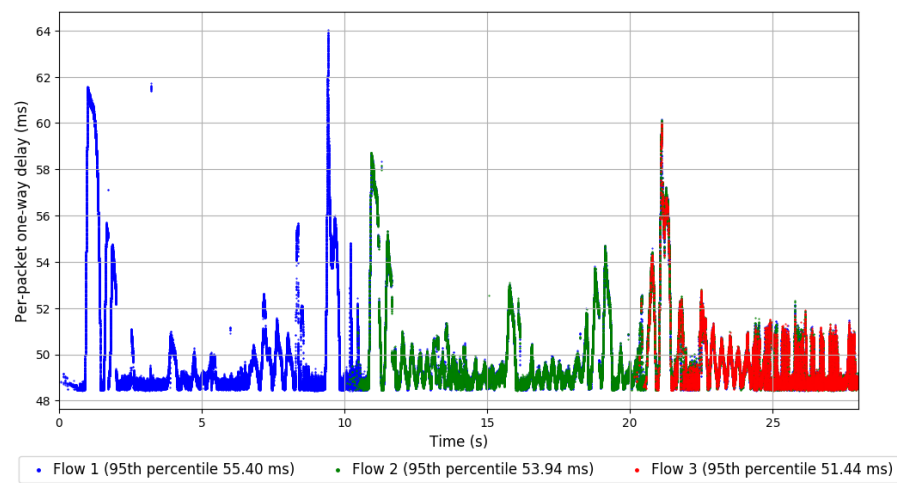
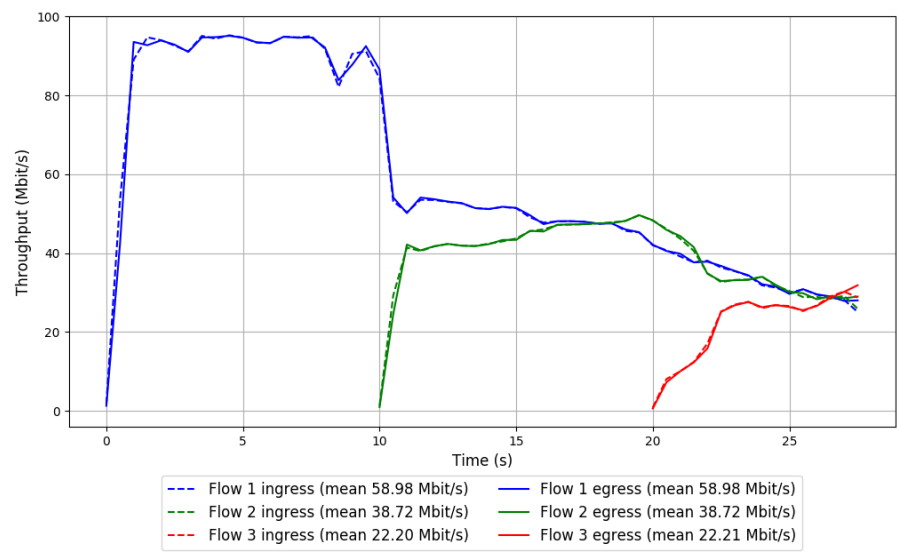
-- Flow 3:

Average throughput: 22.21 Mbit/s

95th percentile per-packet one-way delay: 51.436 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link

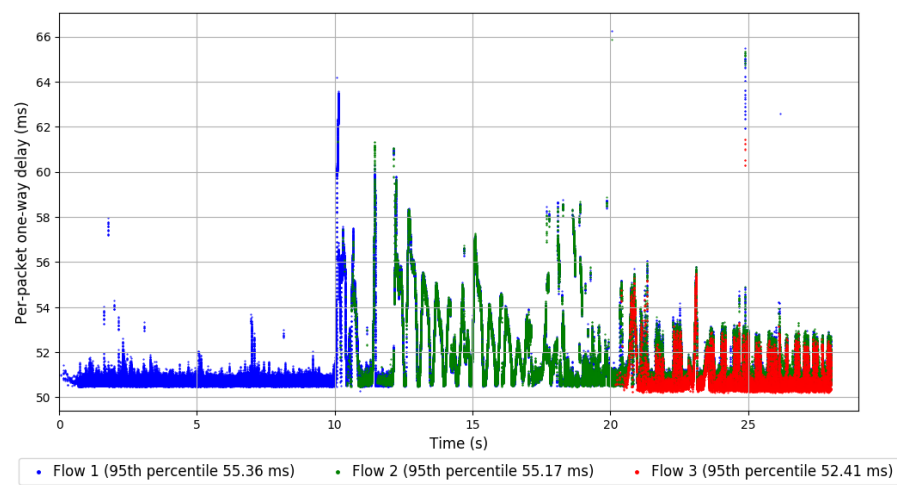
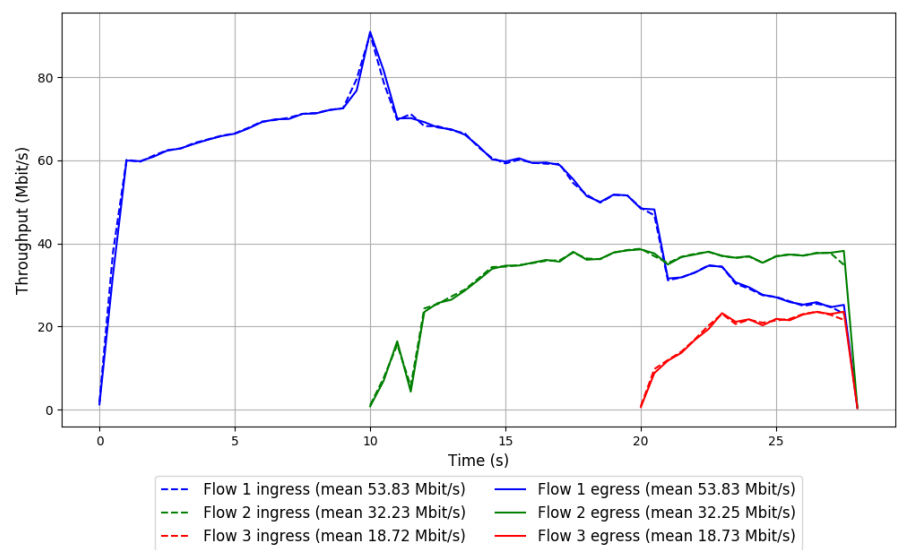


Run 8: Statistics of Copa

Start at: 2017-09-08 03:48:11
End at: 2017-09-08 03:48:41
Local clock offset: -0.044 ms
Remote clock offset: -1.173 ms

Below is generated by plot.py at 2017-09-08 05:33:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.73 Mbit/s
95th percentile per-packet one-way delay: 55.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 55.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 55.172 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 52.406 ms
Loss rate: 0.01%

Run 8: Report of Copa — Data Link

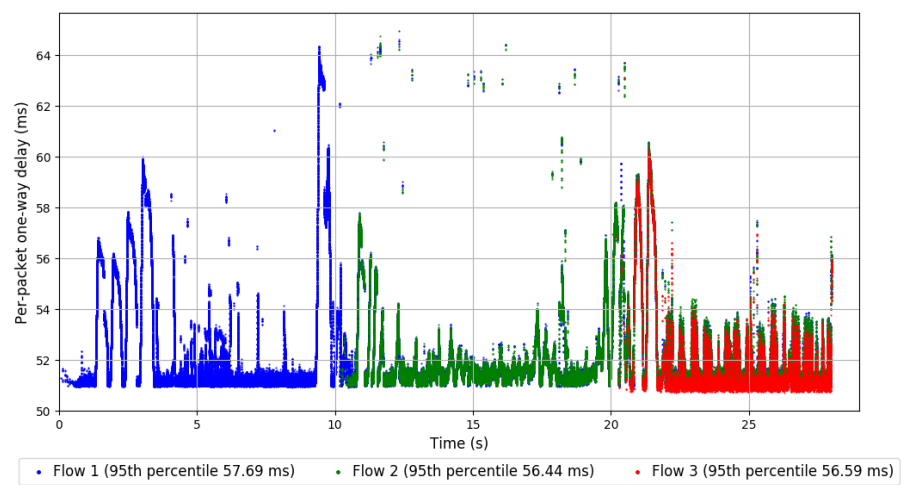
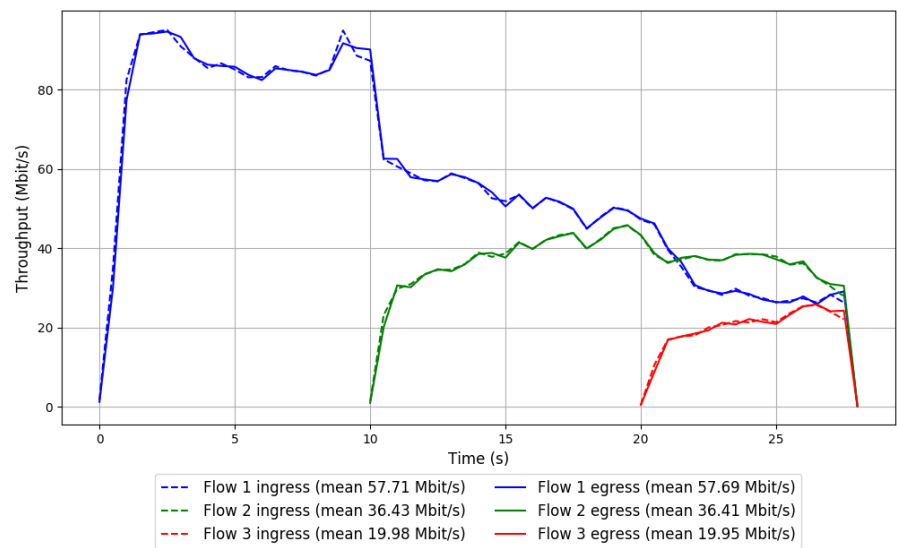


Run 9: Statistics of Copa

Start at: 2017-09-08 04:09:04
End at: 2017-09-08 04:09:34
Local clock offset: 0.055 ms
Remote clock offset: -0.768 ms

Below is generated by plot.py at 2017-09-08 05:34:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.60 Mbit/s
95th percentile per-packet one-way delay: 57.407 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.69 Mbit/s
95th percentile per-packet one-way delay: 57.692 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.41 Mbit/s
95th percentile per-packet one-way delay: 56.443 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 56.594 ms
Loss rate: 0.16%

Run 9: Report of Copa — Data Link

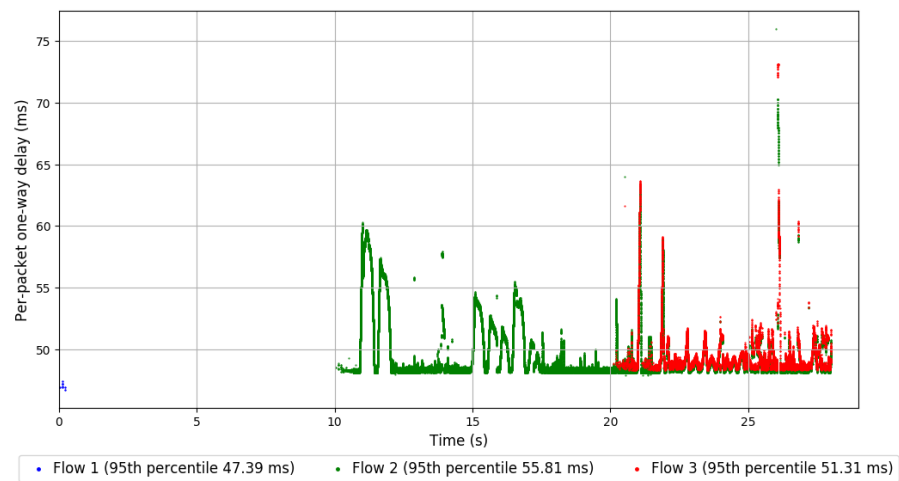
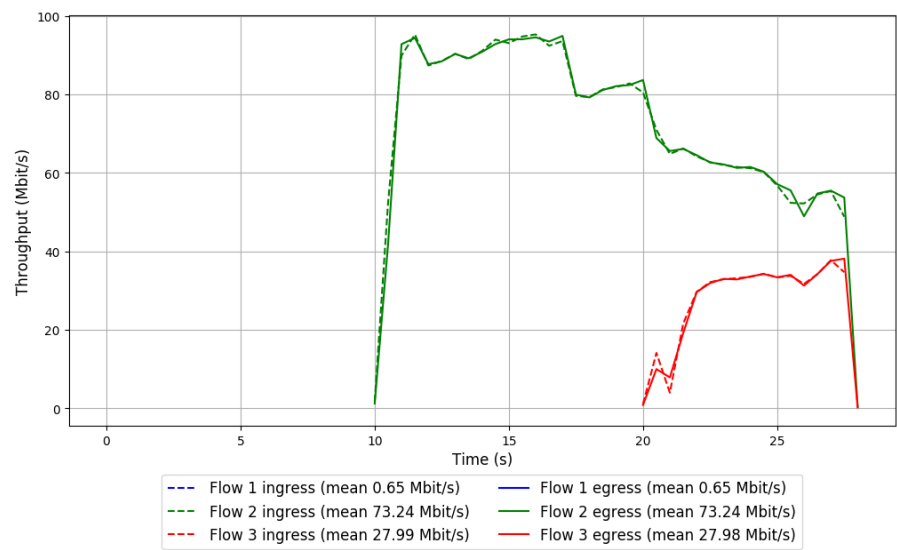


Run 10: Statistics of Copa

Start at: 2017-09-08 04:30:25
End at: 2017-09-08 04:30:55
Local clock offset: 0.163 ms
Remote clock offset: -3.406 ms

Below is generated by plot.py at 2017-09-08 05:34:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 55.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 47.393 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 73.24 Mbit/s
95th percentile per-packet one-way delay: 55.809 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.98 Mbit/s
95th percentile per-packet one-way delay: 51.311 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

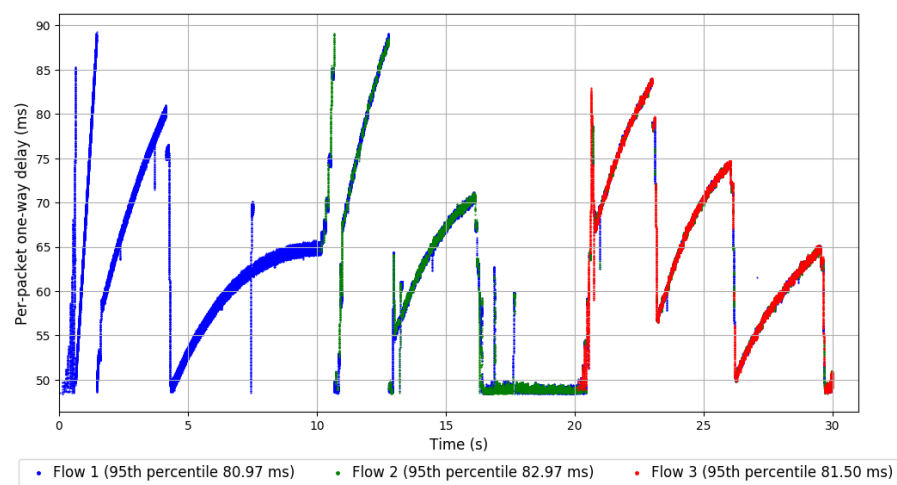
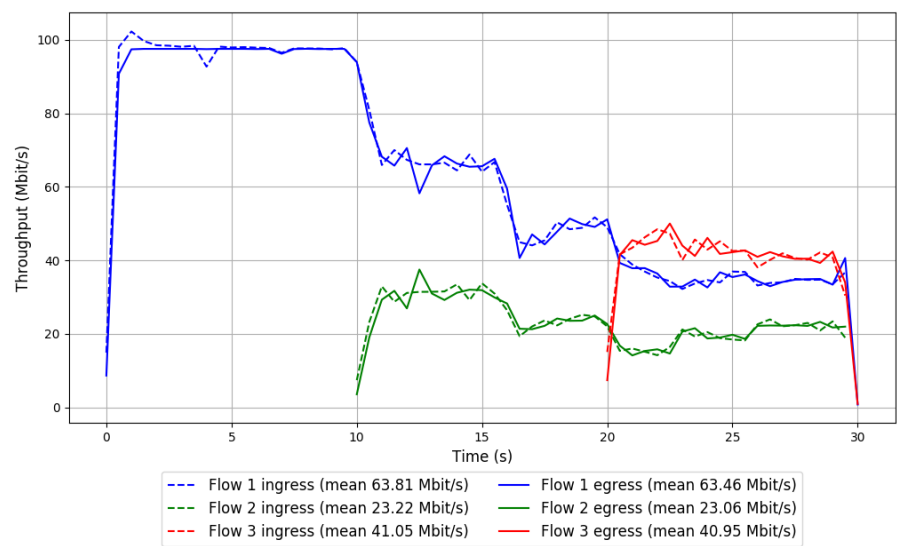


Run 1: Statistics of TCP Cubic

Start at: 2017-09-08 01:27:26
End at: 2017-09-08 01:27:56
Local clock offset: -0.008 ms
Remote clock offset: -1.958 ms

Below is generated by plot.py at 2017-09-08 05:34:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 81.446 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 63.46 Mbit/s
95th percentile per-packet one-way delay: 80.967 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 23.06 Mbit/s
95th percentile per-packet one-way delay: 82.972 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 40.95 Mbit/s
95th percentile per-packet one-way delay: 81.497 ms
Loss rate: 0.25%

Run 1: Report of TCP Cubic — Data Link

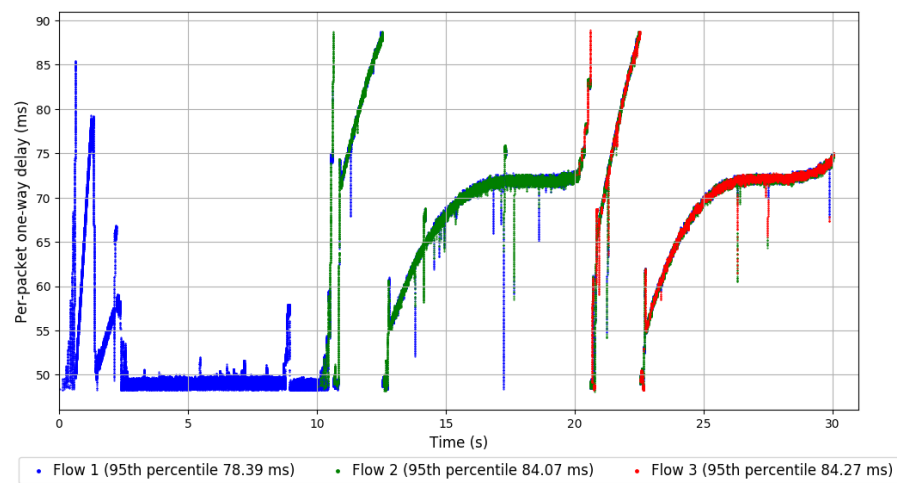
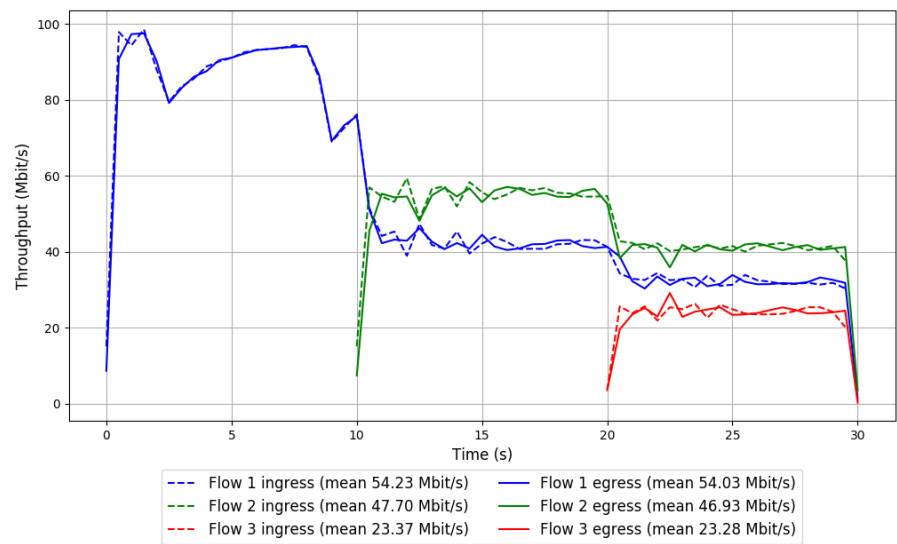


Run 2: Statistics of TCP Cubic

Start at: 2017-09-08 01:48:18
End at: 2017-09-08 01:48:48
Local clock offset: -0.051 ms
Remote clock offset: -2.662 ms

Below is generated by plot.py at 2017-09-08 05:34:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 82.055 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 78.394 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 46.93 Mbit/s
95th percentile per-packet one-way delay: 84.074 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 84.271 ms
Loss rate: 0.35%

Run 2: Report of TCP Cubic — Data Link

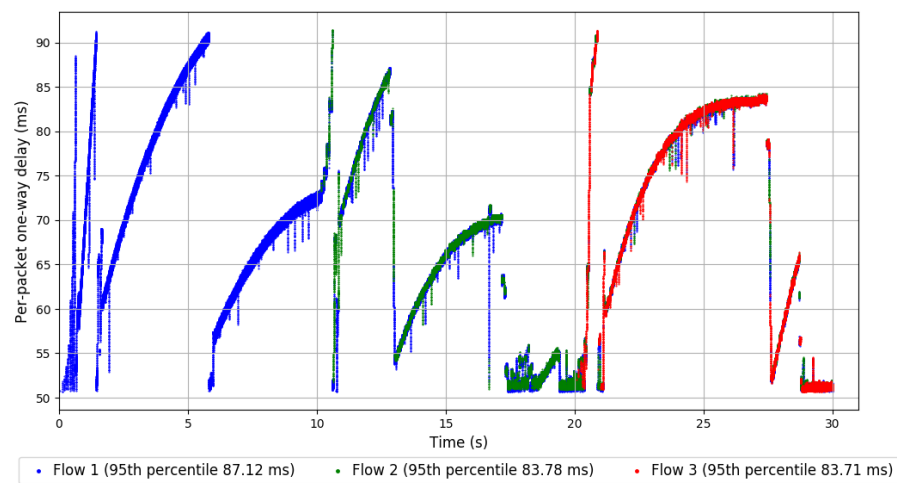
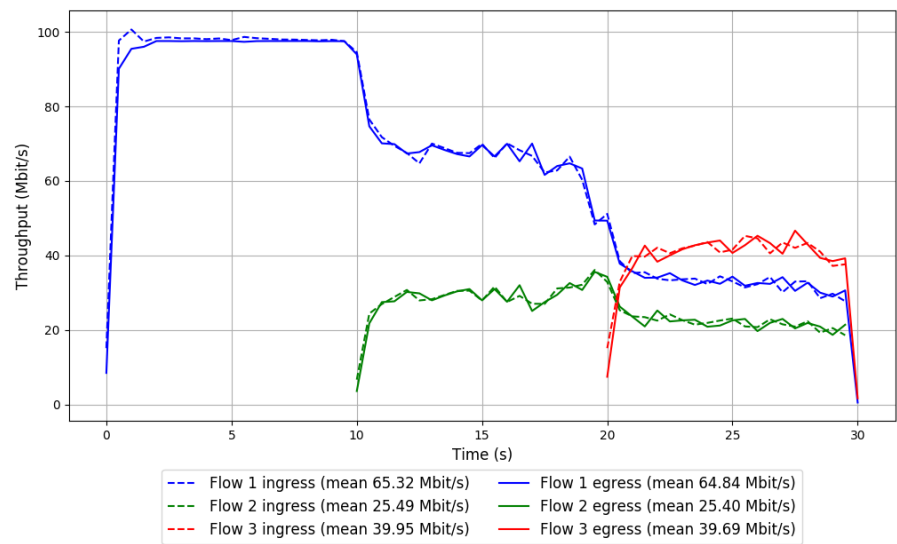


Run 3: Statistics of TCP Cubic

Start at: 2017-09-08 02:09:20
End at: 2017-09-08 02:09:50
Local clock offset: -0.136 ms
Remote clock offset: -0.409 ms

Below is generated by plot.py at 2017-09-08 05:34:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.87 Mbit/s
95th percentile per-packet one-way delay: 86.141 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 87.120 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 25.40 Mbit/s
95th percentile per-packet one-way delay: 83.781 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 83.711 ms
Loss rate: 0.86%

Run 3: Report of TCP Cubic — Data Link

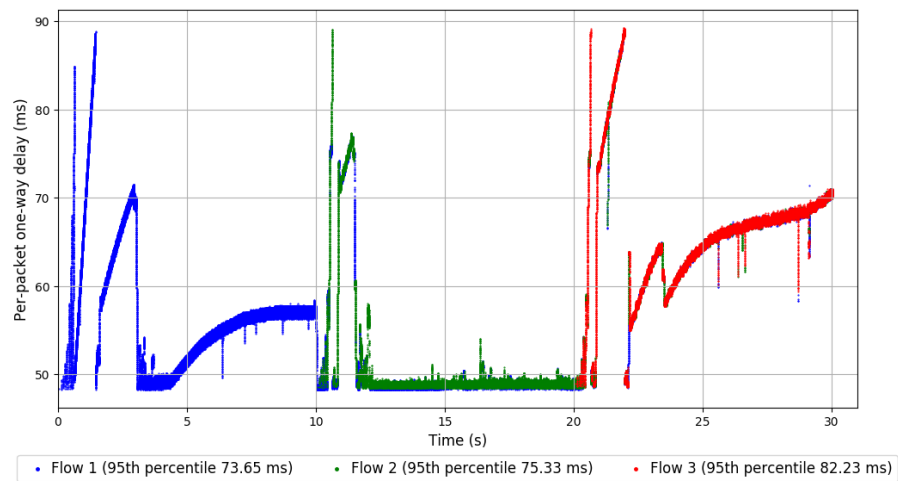
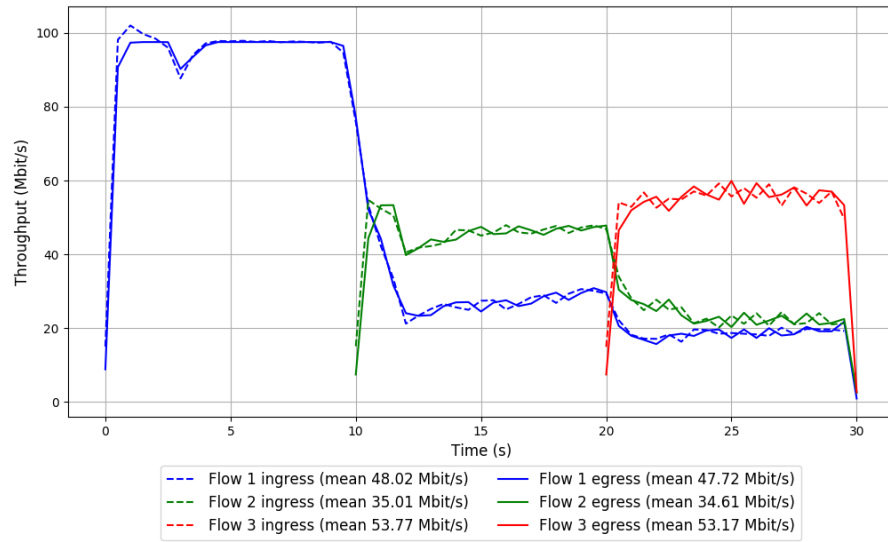


Run 4: Statistics of TCP Cubic

Start at: 2017-09-08 02:30:13
End at: 2017-09-08 02:30:43
Local clock offset: -0.137 ms
Remote clock offset: -2.876 ms

Below is generated by plot.py at 2017-09-08 05:34:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.42 Mbit/s
95th percentile per-packet one-way delay: 75.618 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 47.72 Mbit/s
95th percentile per-packet one-way delay: 73.654 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 34.61 Mbit/s
95th percentile per-packet one-way delay: 75.325 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 82.230 ms
Loss rate: 1.02%

Run 4: Report of TCP Cubic — Data Link

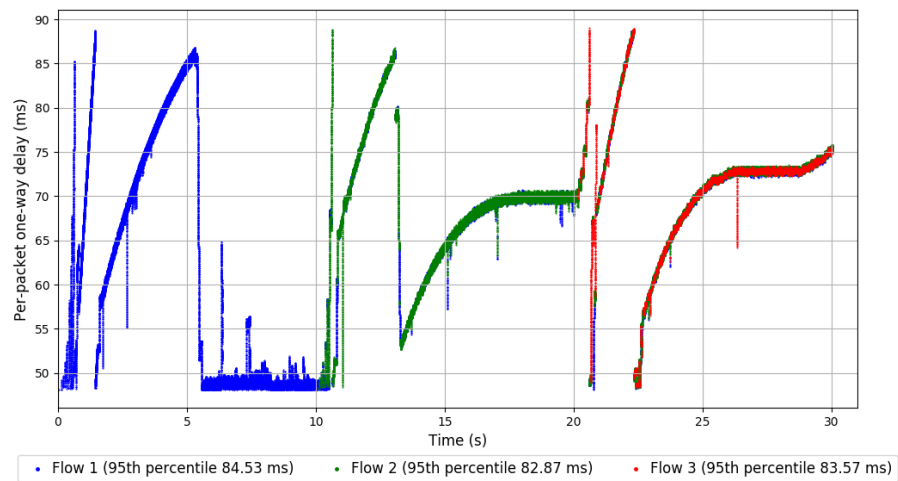
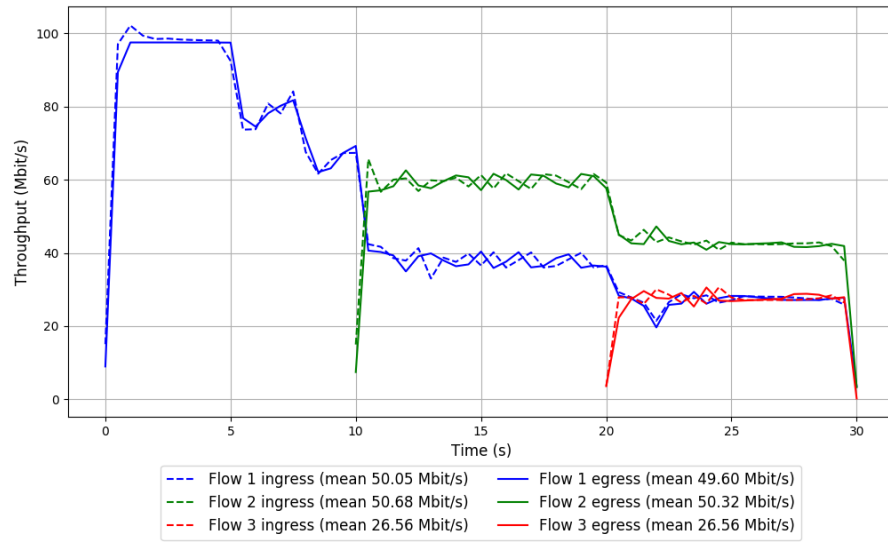


Run 5: Statistics of TCP Cubic

Start at: 2017-09-08 02:51:07
End at: 2017-09-08 02:51:37
Local clock offset: -0.06 ms
Remote clock offset: -3.077 ms

Below is generated by plot.py at 2017-09-08 05:34:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 83.980 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 49.60 Mbit/s
95th percentile per-packet one-way delay: 84.529 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 82.874 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 26.56 Mbit/s
95th percentile per-packet one-way delay: 83.566 ms
Loss rate: 0.25%

Run 5: Report of TCP Cubic — Data Link

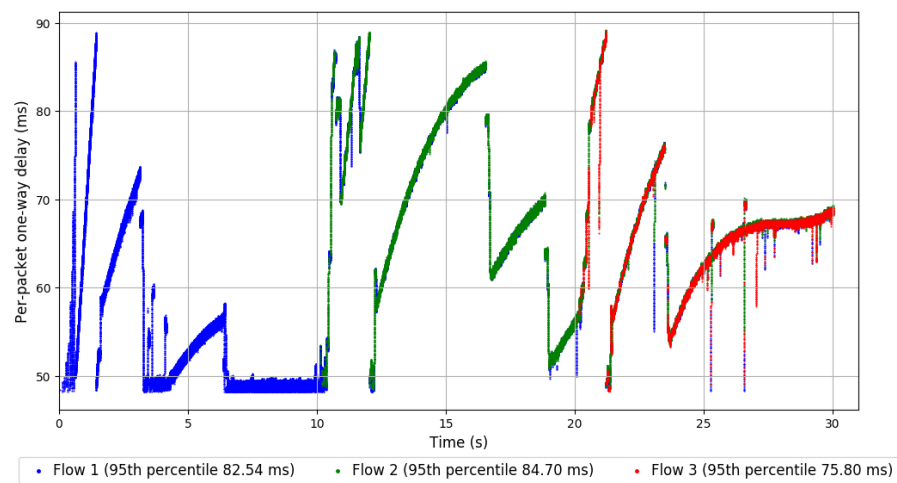
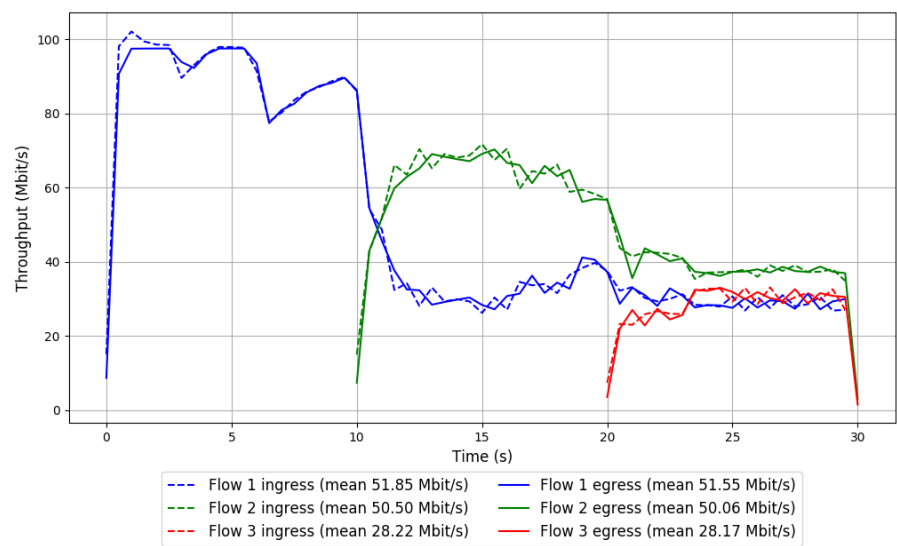


Run 6: Statistics of TCP Cubic

Start at: 2017-09-08 03:12:00
End at: 2017-09-08 03:12:30
Local clock offset: -0.088 ms
Remote clock offset: -3.037 ms

Below is generated by plot.py at 2017-09-08 05:34:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.19 Mbit/s
95th percentile per-packet one-way delay: 83.789 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 51.55 Mbit/s
95th percentile per-packet one-way delay: 82.541 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 84.697 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 28.17 Mbit/s
95th percentile per-packet one-way delay: 75.797 ms
Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link

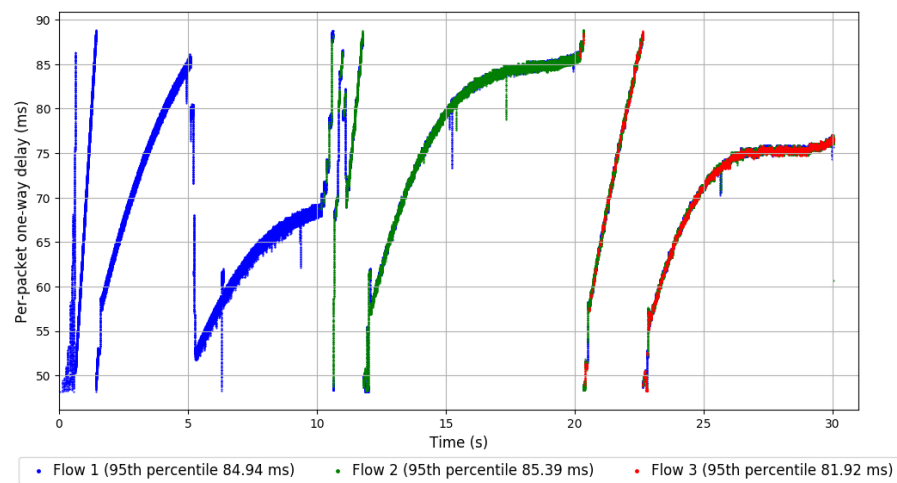
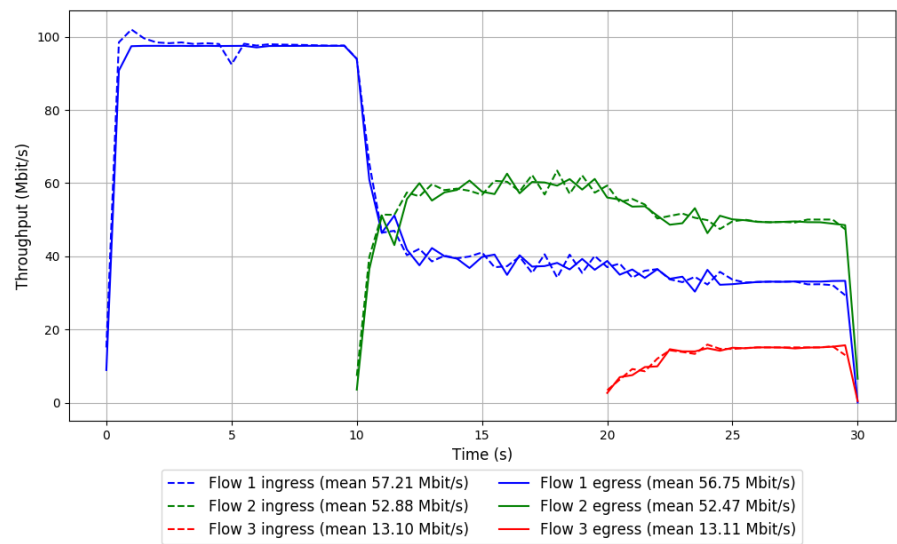


Run 7: Statistics of TCP Cubic

Start at: 2017-09-08 03:32:55
End at: 2017-09-08 03:33:25
Local clock offset: -0.146 ms
Remote clock offset: -3.239 ms

Below is generated by plot.py at 2017-09-08 05:34:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 85.190 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 56.75 Mbit/s
95th percentile per-packet one-way delay: 84.945 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 85.388 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 81.917 ms
Loss rate: 0.08%

Run 7: Report of TCP Cubic — Data Link

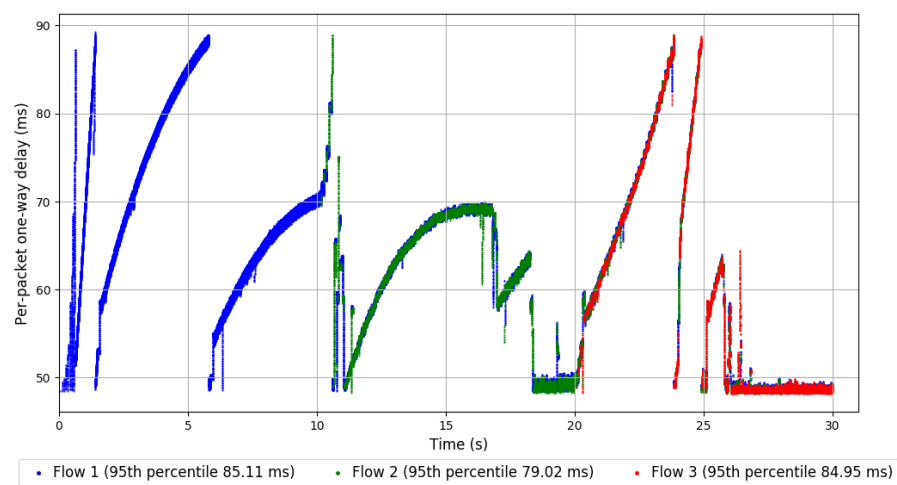
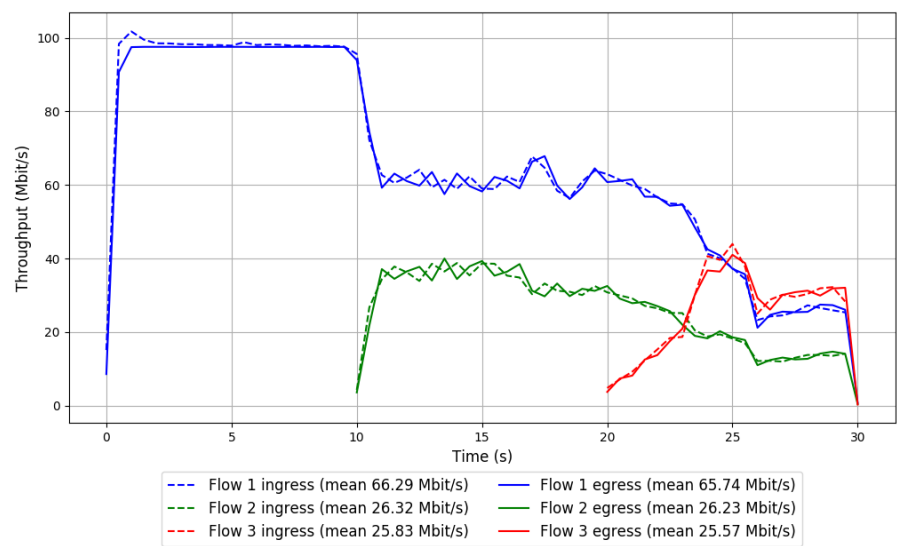


Run 8: Statistics of TCP Cubic

Start at: 2017-09-08 03:53:43
End at: 2017-09-08 03:54:13
Local clock offset: -0.099 ms
Remote clock offset: -3.305 ms

Below is generated by plot.py at 2017-09-08 05:35:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.67 Mbit/s
95th percentile per-packet one-way delay: 84.592 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 65.74 Mbit/s
95th percentile per-packet one-way delay: 85.110 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 26.23 Mbit/s
95th percentile per-packet one-way delay: 79.024 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 25.57 Mbit/s
95th percentile per-packet one-way delay: 84.946 ms
Loss rate: 1.10%

Run 8: Report of TCP Cubic — Data Link

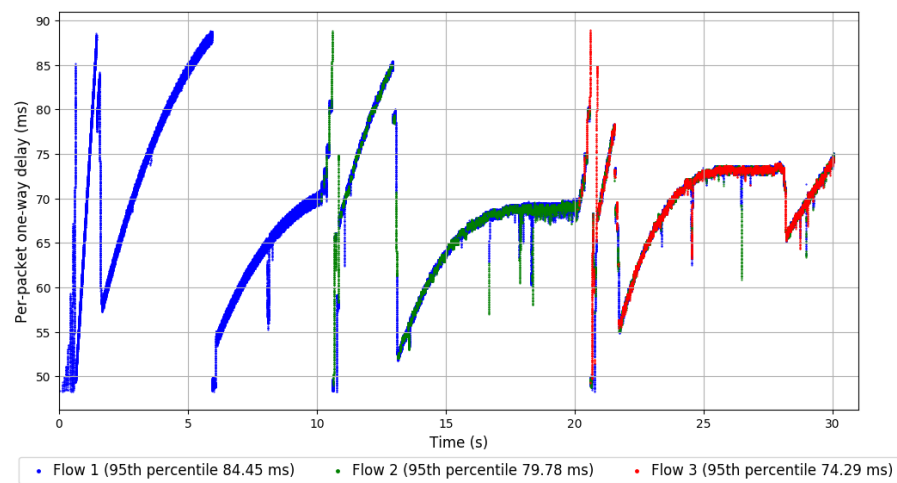
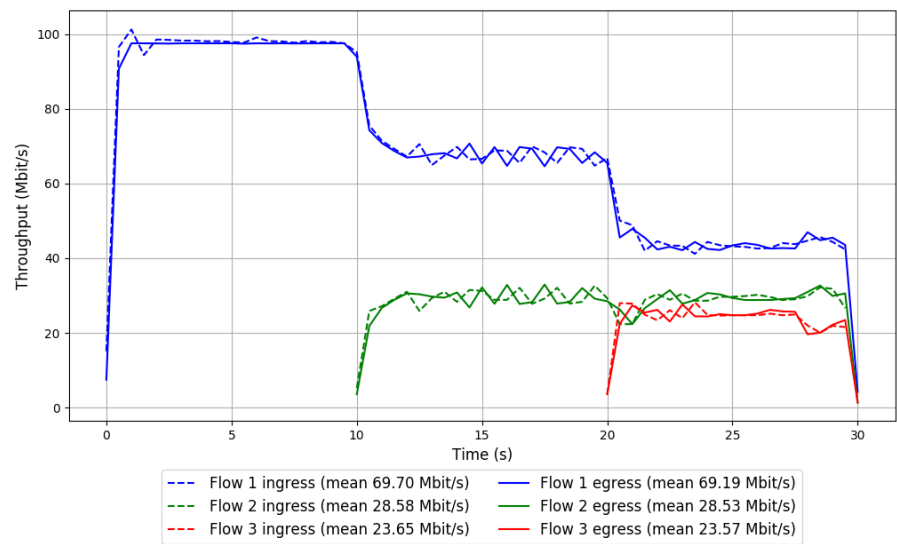


Run 9: Statistics of TCP Cubic

Start at: 2017-09-08 04:14:42
End at: 2017-09-08 04:15:12
Local clock offset: 0.053 ms
Remote clock offset: -3.314 ms

Below is generated by plot.py at 2017-09-08 05:35:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 83.644 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 69.19 Mbit/s
95th percentile per-packet one-way delay: 84.452 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 28.53 Mbit/s
95th percentile per-packet one-way delay: 79.782 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 23.57 Mbit/s
95th percentile per-packet one-way delay: 74.293 ms
Loss rate: 0.29%

Run 9: Report of TCP Cubic — Data Link

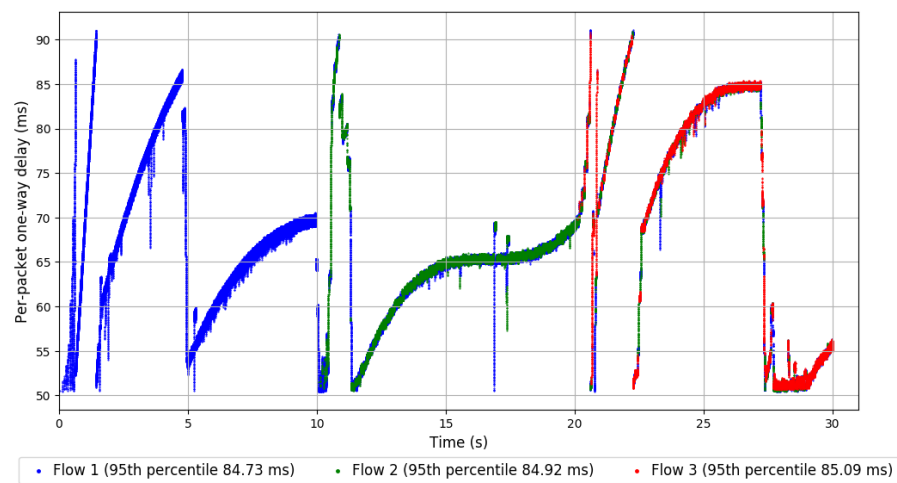
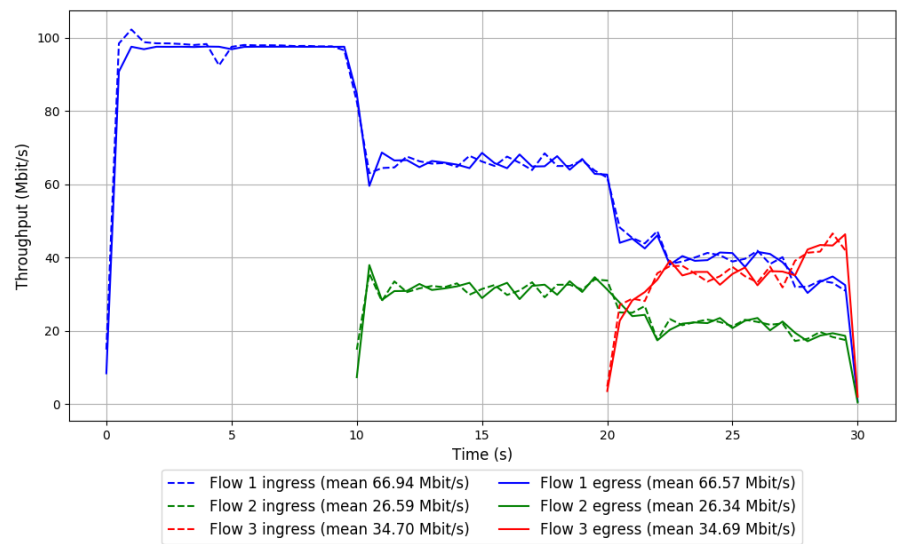


Run 10: Statistics of TCP Cubic

Start at: 2017-09-08 04:35:55
End at: 2017-09-08 04:36:25
Local clock offset: 0.092 ms
Remote clock offset: -1.113 ms

Below is generated by plot.py at 2017-09-08 05:35:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 84.866 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 66.57 Mbit/s
95th percentile per-packet one-way delay: 84.726 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 84.917 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 34.69 Mbit/s
95th percentile per-packet one-way delay: 85.092 ms
Loss rate: 0.17%

Run 10: Report of TCP Cubic — Data Link

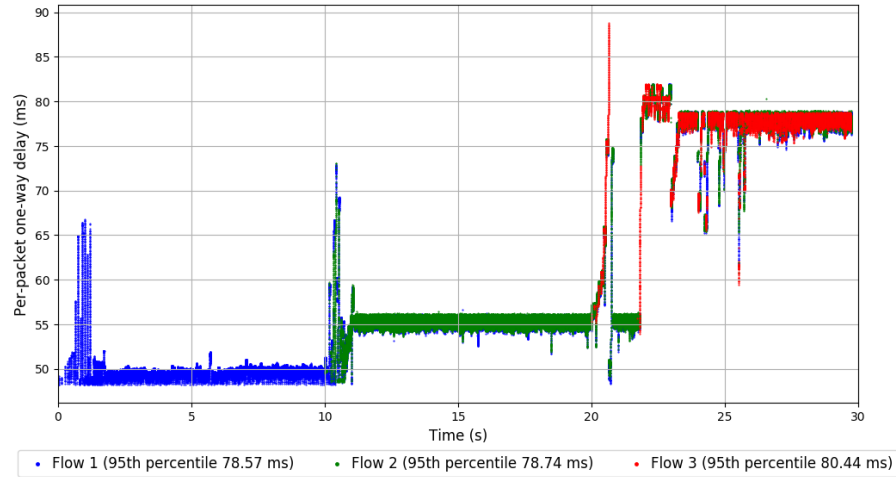
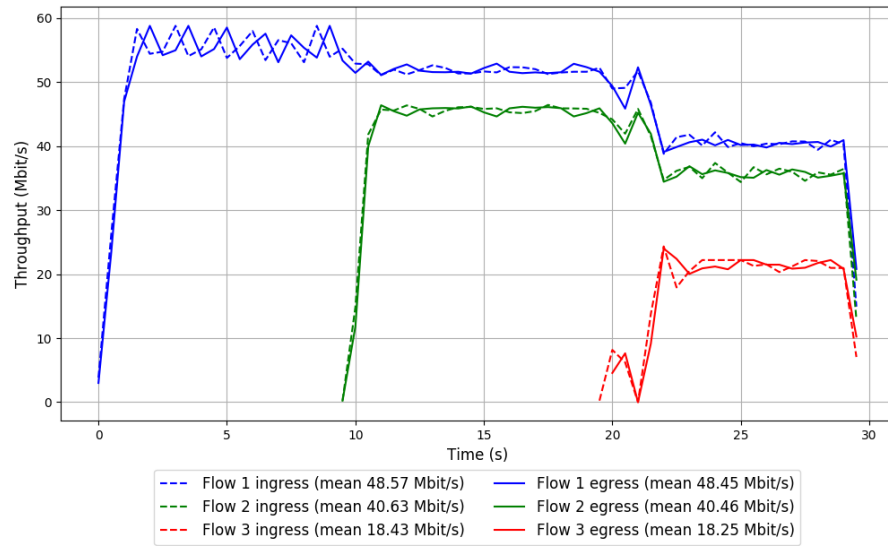


```
Run 1: Statistics of Indigo

Start at: 2017-09-08 01:31:34
End at: 2017-09-08 01:32:04
Local clock offset: -0.044 ms
Remote clock offset: -2.109 ms

# Below is generated by plot.py at 2017-09-08 05:35:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 78.715 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 78.571 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 78.740 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 18.25 Mbit/s
95th percentile per-packet one-way delay: 80.443 ms
Loss rate: 0.75%
```

Run 1: Report of Indigo — Data Link

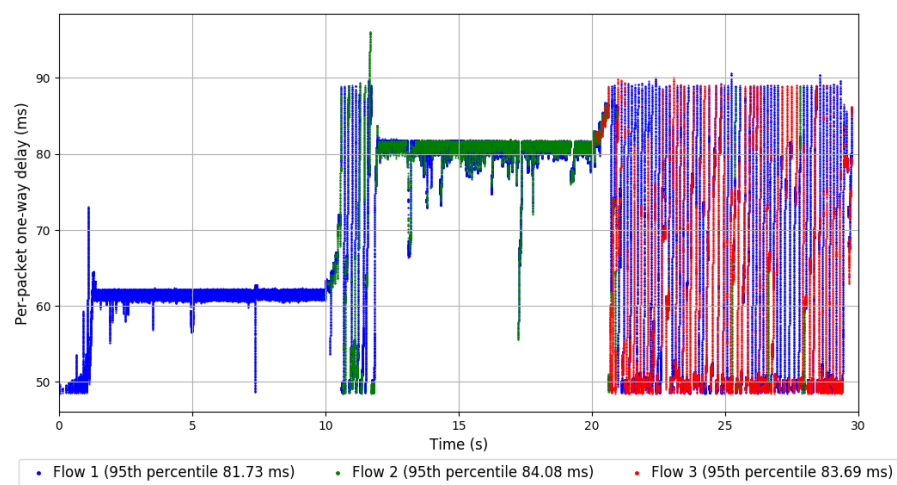
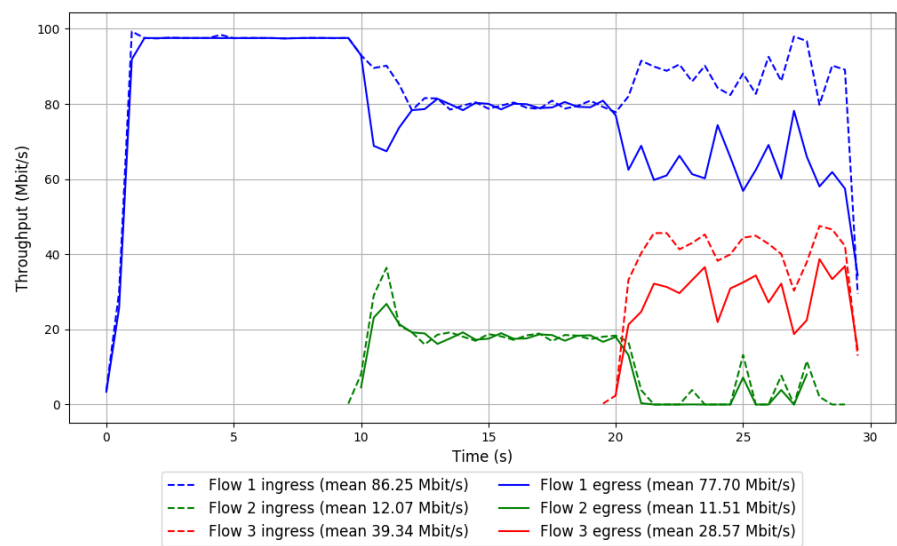


Run 2: Statistics of Indigo

Start at: 2017-09-08 01:52:27
End at: 2017-09-08 01:52:57
Local clock offset: -0.075 ms
Remote clock offset: -2.671 ms

Below is generated by plot.py at 2017-09-08 05:35:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 81.908 ms
Loss rate: 11.99%
-- Flow 1:
Average throughput: 77.70 Mbit/s
95th percentile per-packet one-way delay: 81.726 ms
Loss rate: 9.86%
-- Flow 2:
Average throughput: 11.51 Mbit/s
95th percentile per-packet one-way delay: 84.075 ms
Loss rate: 10.14%
-- Flow 3:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 83.694 ms
Loss rate: 27.40%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-08 02:13:29

End at: 2017-09-08 02:13:59

Local clock offset: -0.15 ms

Remote clock offset: -3.0 ms

Below is generated by plot.py at 2017-09-08 05:35:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.10 Mbit/s

95th percentile per-packet one-way delay: 79.224 ms

Loss rate: 11.50%

-- Flow 1:

Average throughput: 52.69 Mbit/s

95th percentile per-packet one-way delay: 76.519 ms

Loss rate: 7.98%

-- Flow 2:

Average throughput: 39.24 Mbit/s

95th percentile per-packet one-way delay: 79.338 ms

Loss rate: 11.41%

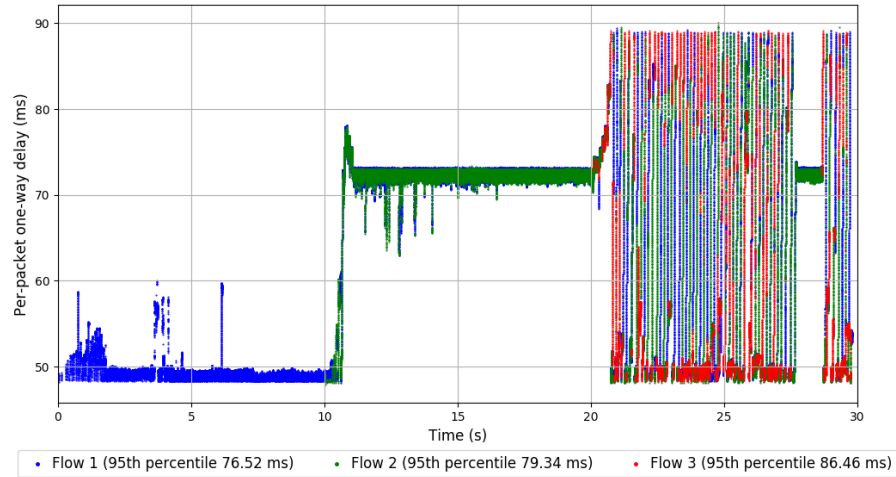
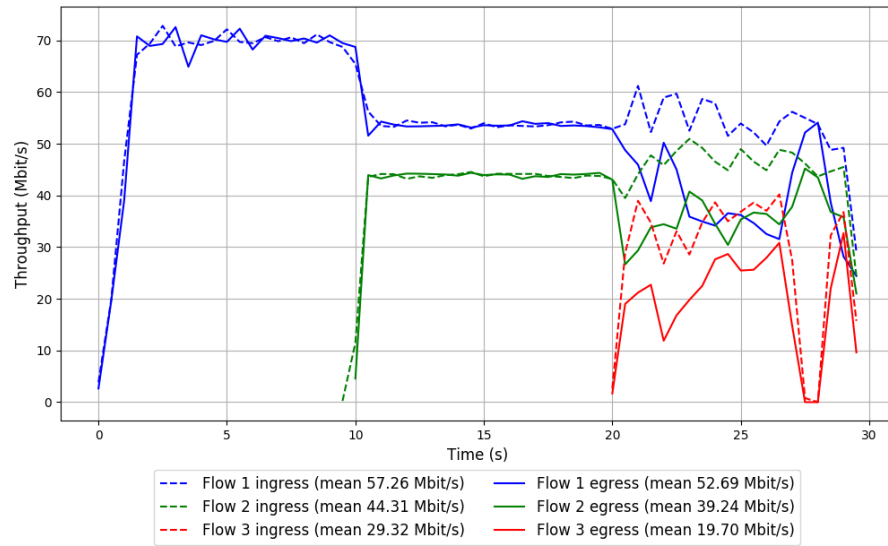
-- Flow 3:

Average throughput: 19.70 Mbit/s

95th percentile per-packet one-way delay: 86.464 ms

Loss rate: 32.92%

Run 3: Report of Indigo — Data Link

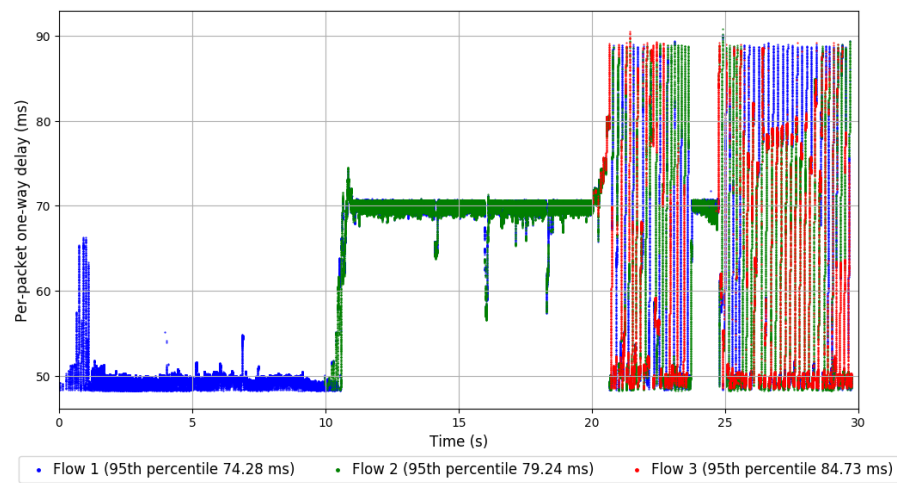
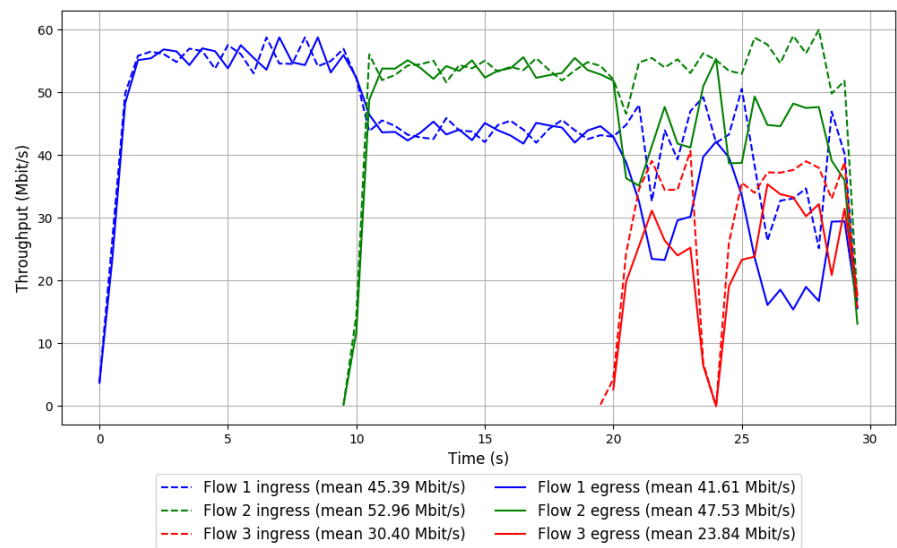


Run 4: Statistics of Indigo

Start at: 2017-09-08 02:34:22
End at: 2017-09-08 02:34:52
Local clock offset: -0.121 ms
Remote clock offset: -2.882 ms

Below is generated by plot.py at 2017-09-08 05:35:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 79.006 ms
Loss rate: 10.55%
-- Flow 1:
Average throughput: 41.61 Mbit/s
95th percentile per-packet one-way delay: 74.281 ms
Loss rate: 8.32%
-- Flow 2:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 79.236 ms
Loss rate: 10.27%
-- Flow 3:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 84.728 ms
Loss rate: 21.74%

Run 4: Report of Indigo — Data Link

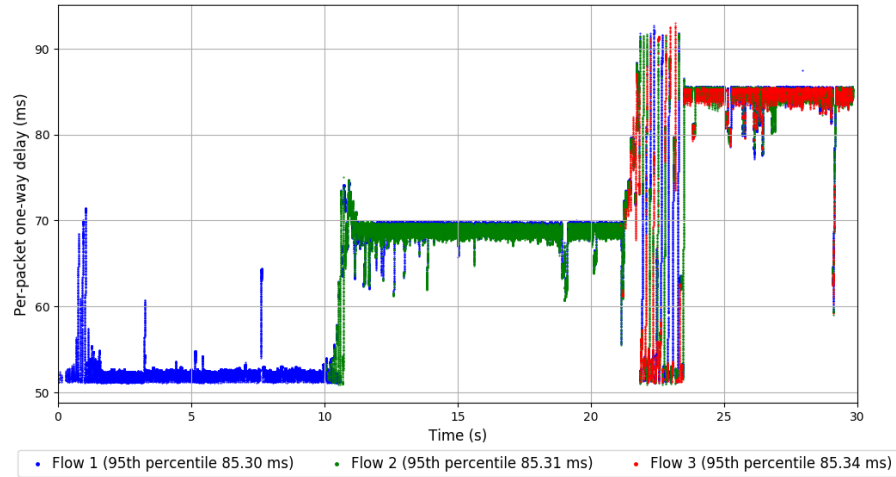
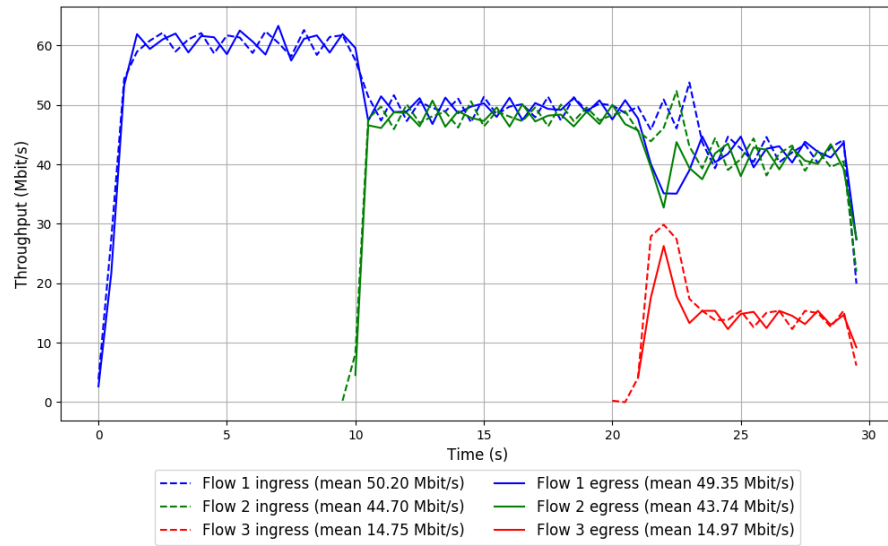


Run 5: Statistics of Indigo

Start at: 2017-09-08 02:55:14
End at: 2017-09-08 02:55:44
Local clock offset: -0.139 ms
Remote clock offset: -0.406 ms

Below is generated by plot.py at 2017-09-08 05:35:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.75 Mbit/s
95th percentile per-packet one-way delay: 85.305 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 49.35 Mbit/s
95th percentile per-packet one-way delay: 85.302 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 43.74 Mbit/s
95th percentile per-packet one-way delay: 85.306 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 85.345 ms
Loss rate: 8.87%

Run 5: Report of Indigo — Data Link

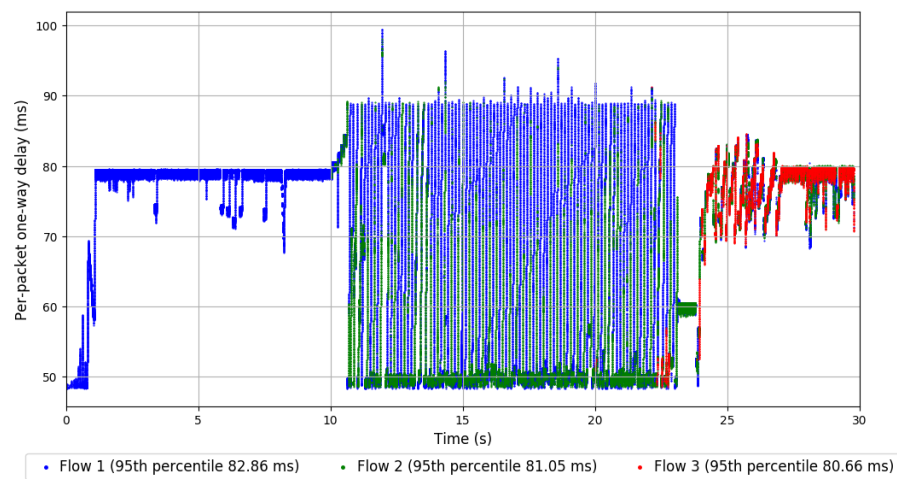
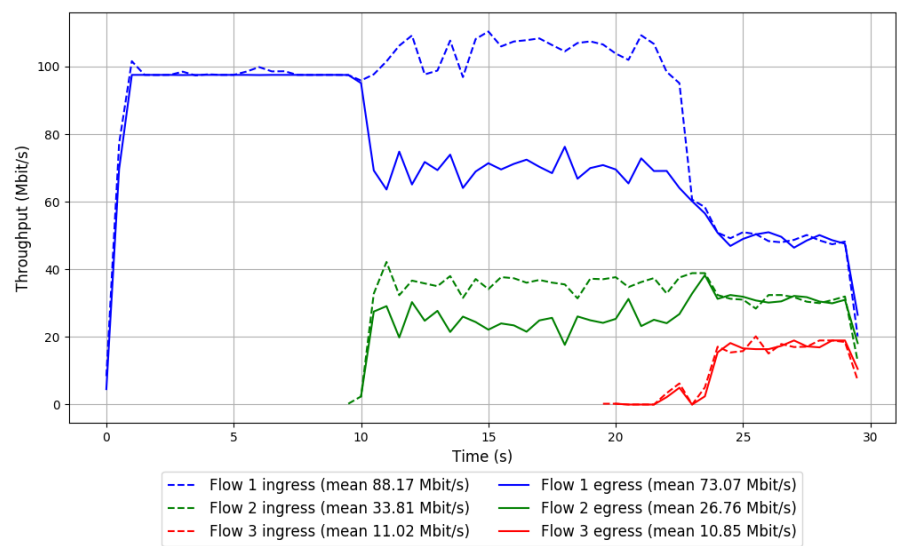


Run 6: Statistics of Indigo

Start at: 2017-09-08 03:16:09
End at: 2017-09-08 03:16:39
Local clock offset: -0.166 ms
Remote clock offset: -3.037 ms

Below is generated by plot.py at 2017-09-08 05:35:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 82.335 ms
Loss rate: 17.30%
-- Flow 1:
Average throughput: 73.07 Mbit/s
95th percentile per-packet one-way delay: 82.857 ms
Loss rate: 17.05%
-- Flow 2:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 81.049 ms
Loss rate: 20.87%
-- Flow 3:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 80.656 ms
Loss rate: 1.28%

Run 6: Report of Indigo — Data Link

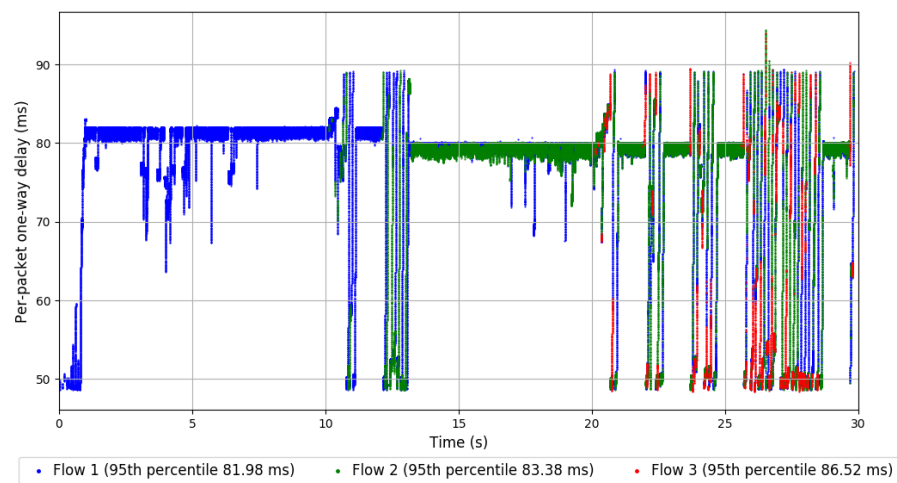
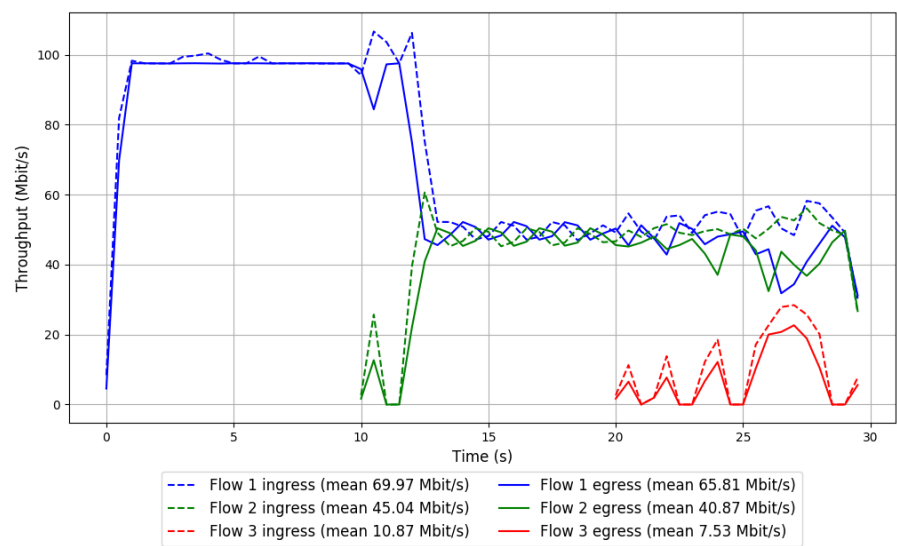


Run 7: Statistics of Indigo

Start at: 2017-09-08 03:37:02
End at: 2017-09-08 03:37:33
Local clock offset: -0.136 ms
Remote clock offset: -3.064 ms

Below is generated by plot.py at 2017-09-08 05:35:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 82.045 ms
Loss rate: 7.79%
-- Flow 1:
Average throughput: 65.81 Mbit/s
95th percentile per-packet one-way delay: 81.985 ms
Loss rate: 5.94%
-- Flow 2:
Average throughput: 40.87 Mbit/s
95th percentile per-packet one-way delay: 83.380 ms
Loss rate: 9.40%
-- Flow 3:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 86.516 ms
Loss rate: 30.70%

Run 7: Report of Indigo — Data Link

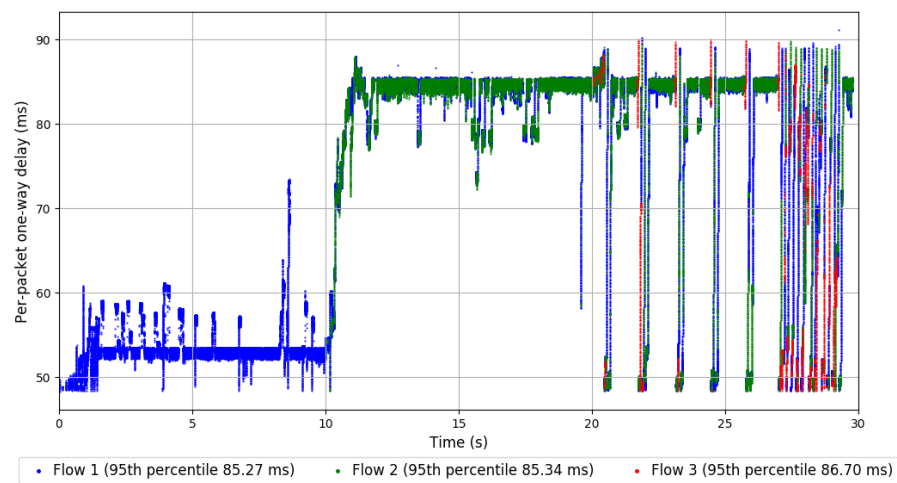
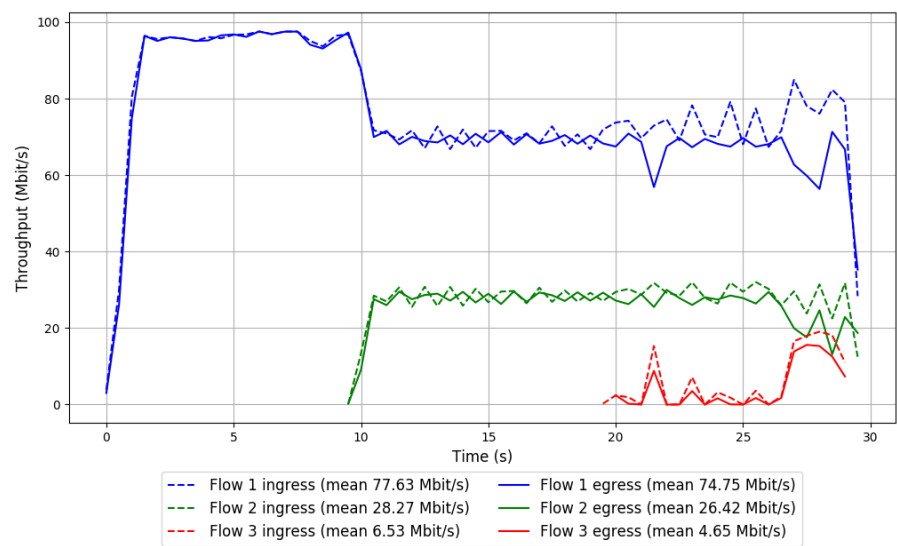


Run 8: Statistics of Indigo

Start at: 2017-09-08 03:57:51
End at: 2017-09-08 03:58:21
Local clock offset: 0.03 ms
Remote clock offset: -3.276 ms

Below is generated by plot.py at 2017-09-08 05:36:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 85.275 ms
Loss rate: 4.72%
-- Flow 1:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 85.272 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 26.42 Mbit/s
95th percentile per-packet one-way delay: 85.336 ms
Loss rate: 6.40%
-- Flow 3:
Average throughput: 4.65 Mbit/s
95th percentile per-packet one-way delay: 86.702 ms
Loss rate: 29.63%

Run 8: Report of Indigo — Data Link

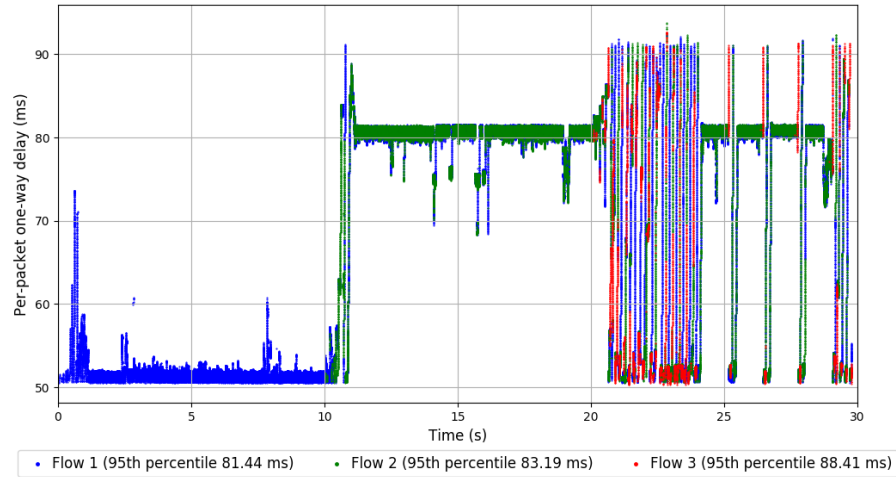
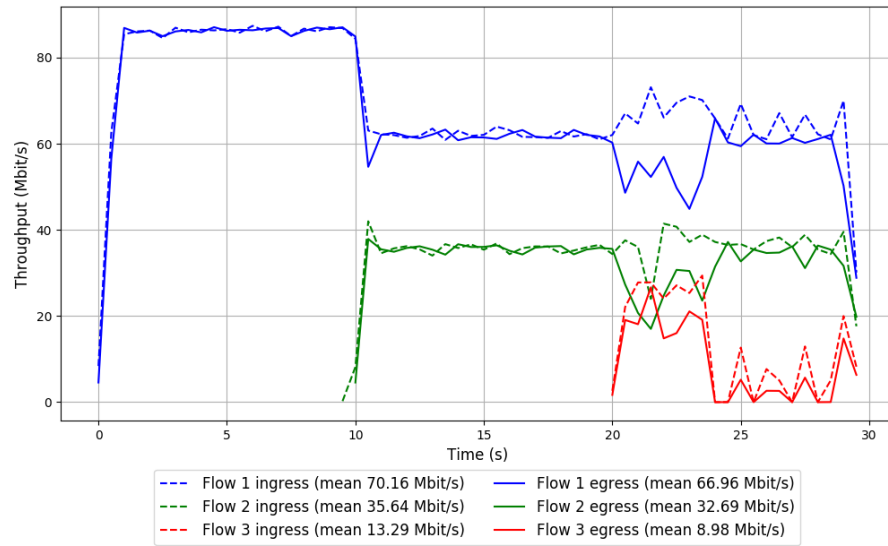


Run 9: Statistics of Indigo

Start at: 2017-09-08 04:18:57
End at: 2017-09-08 04:19:27
Local clock offset: 0.079 ms
Remote clock offset: -1.231 ms

Below is generated by plot.py at 2017-09-08 05:36:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 81.696 ms
Loss rate: 6.68%
-- Flow 1:
Average throughput: 66.96 Mbit/s
95th percentile per-packet one-way delay: 81.443 ms
Loss rate: 4.54%
-- Flow 2:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 83.190 ms
Loss rate: 8.27%
-- Flow 3:
Average throughput: 8.98 Mbit/s
95th percentile per-packet one-way delay: 88.409 ms
Loss rate: 32.58%

Run 9: Report of Indigo — Data Link

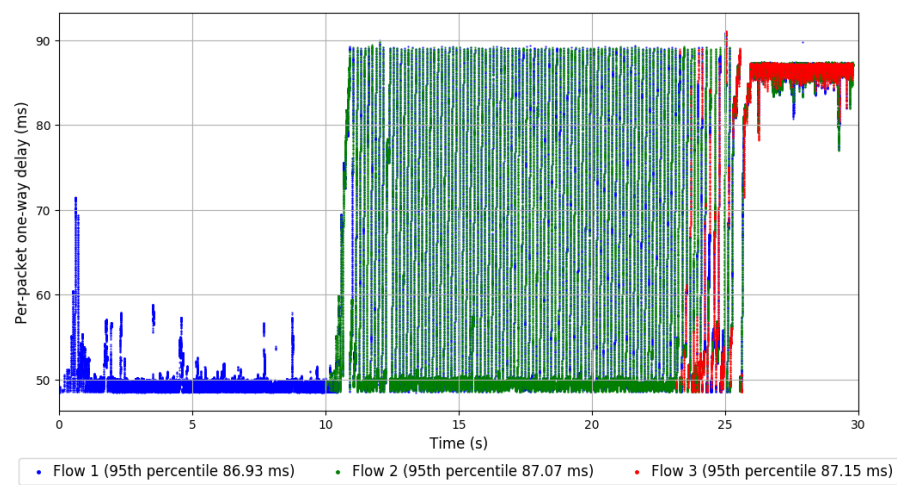
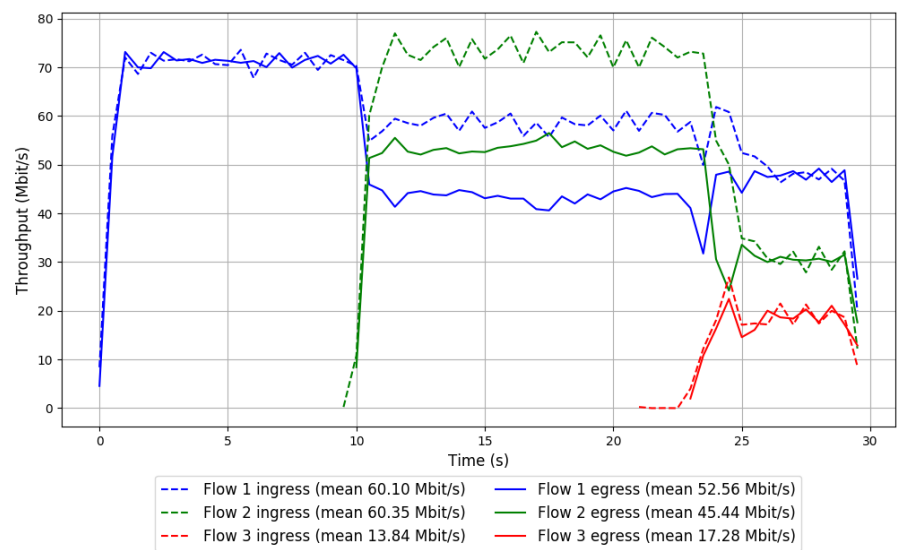


Run 10: Statistics of Indigo

Start at: 2017-09-08 04:40:03
End at: 2017-09-08 04:40:33
Local clock offset: 0.173 ms
Remote clock offset: -3.299 ms

Below is generated by plot.py at 2017-09-08 05:36:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.60 Mbit/s
95th percentile per-packet one-way delay: 87.040 ms
Loss rate: 16.81%
-- Flow 1:
Average throughput: 52.56 Mbit/s
95th percentile per-packet one-way delay: 86.934 ms
Loss rate: 12.49%
-- Flow 2:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 87.070 ms
Loss rate: 24.56%
-- Flow 3:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: 87.148 ms
Loss rate: 3.95%

Run 10: Report of Indigo — Data Link

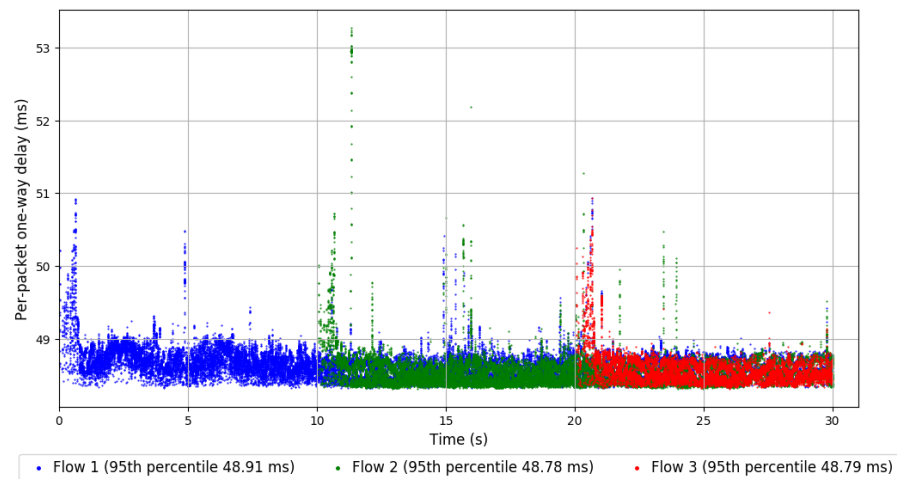
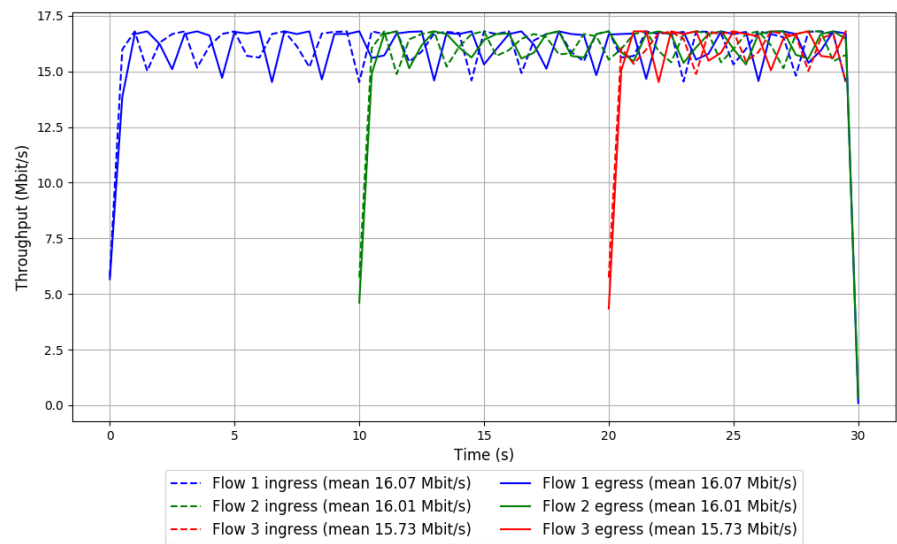


```
Run 1: Statistics of KohoCC

Start at: 2017-09-08 01:37:10
End at: 2017-09-08 01:37:40
Local clock offset: -0.133 ms
Remote clock offset: -2.212 ms

# Below is generated by plot.py at 2017-09-08 05:36:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 48.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.07 Mbit/s
95th percentile per-packet one-way delay: 48.913 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 48.782 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 48.794 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

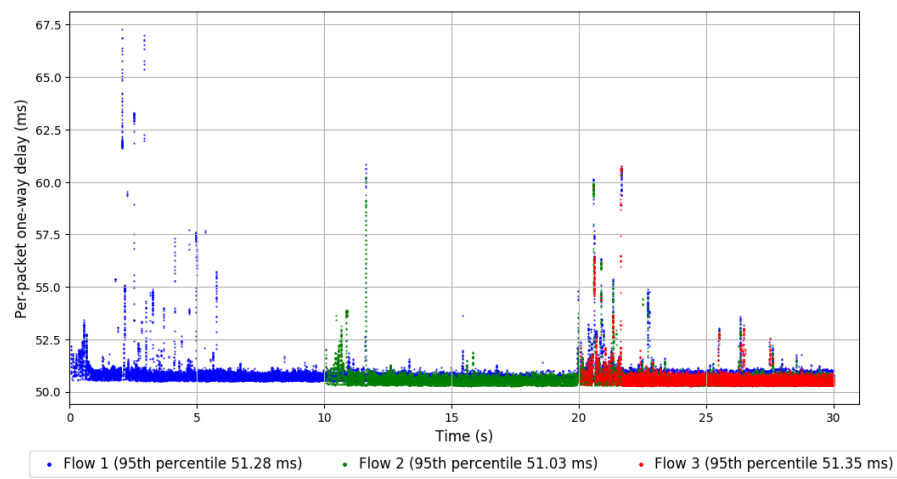
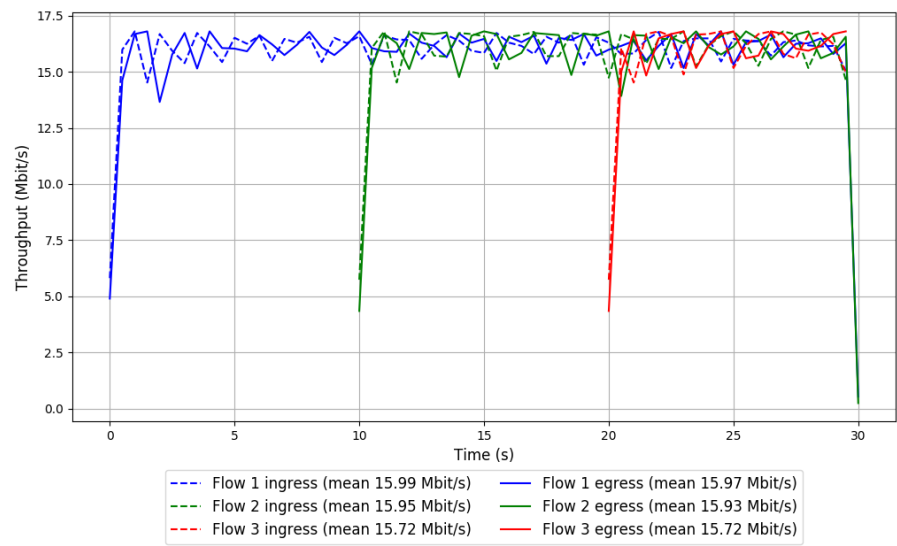


Run 2: Statistics of KohoCC

Start at: 2017-09-08 01:58:04
End at: 2017-09-08 01:58:34
Local clock offset: -0.187 ms
Remote clock offset: -0.742 ms

Below is generated by plot.py at 2017-09-08 05:36:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 51.204 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 51.276 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 15.93 Mbit/s
95th percentile per-packet one-way delay: 51.030 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 15.72 Mbit/s
95th percentile per-packet one-way delay: 51.350 ms
Loss rate: 0.02%

Run 2: Report of KohoCC — Data Link

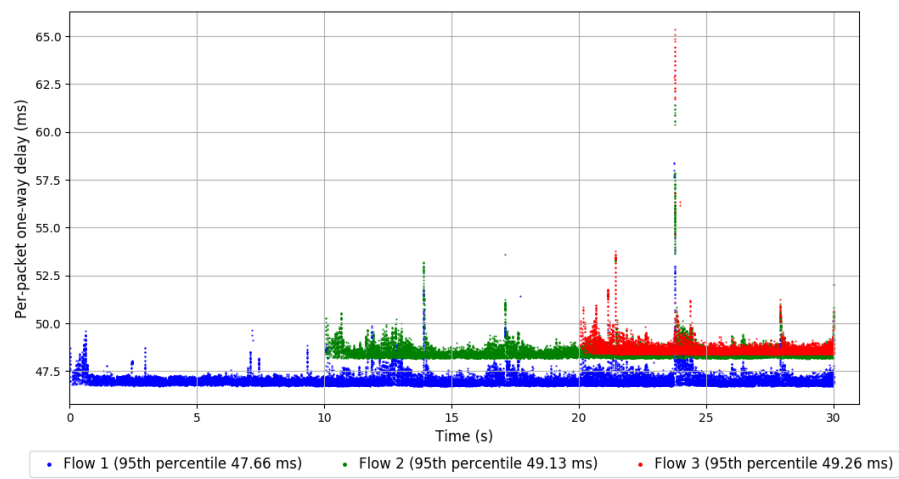
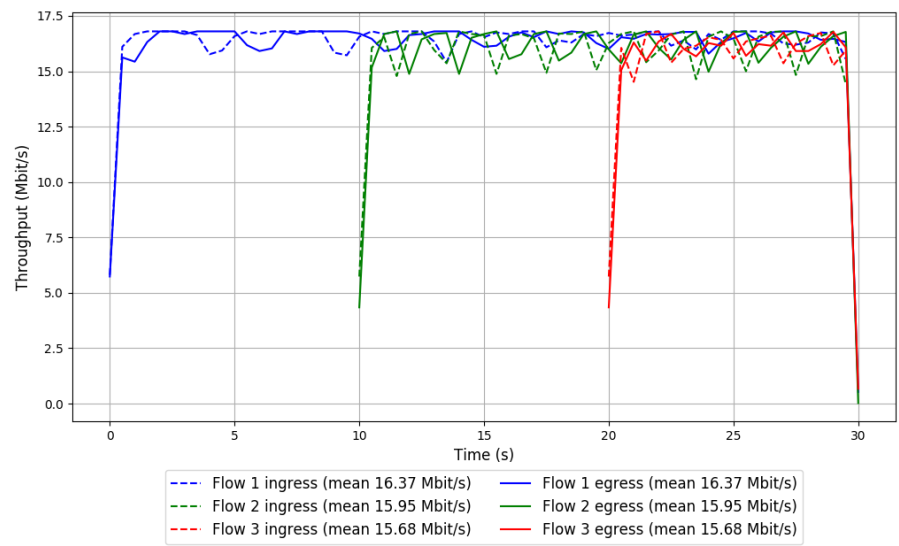


Run 3: Statistics of KohoCC

Start at: 2017-09-08 02:19:05
End at: 2017-09-08 02:19:35
Local clock offset: -0.259 ms
Remote clock offset: -3.085 ms

Below is generated by plot.py at 2017-09-08 05:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 48.921 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 47.664 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 49.128 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 49.264 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link

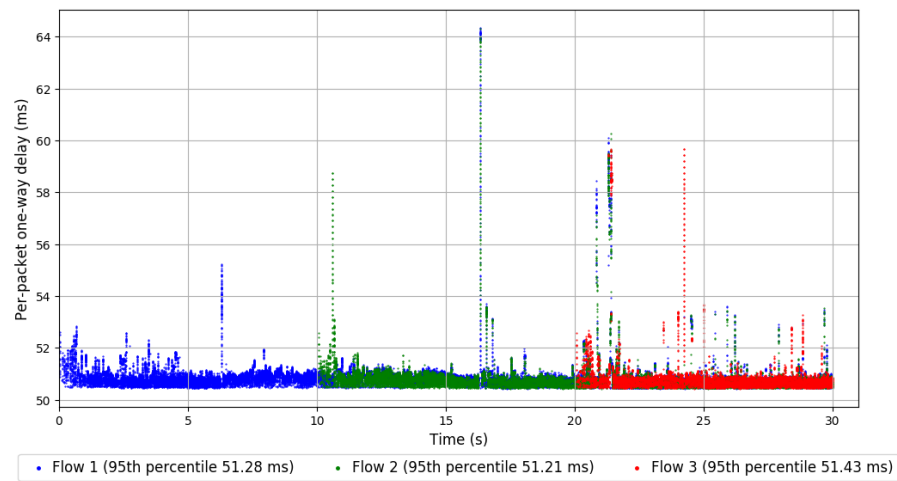
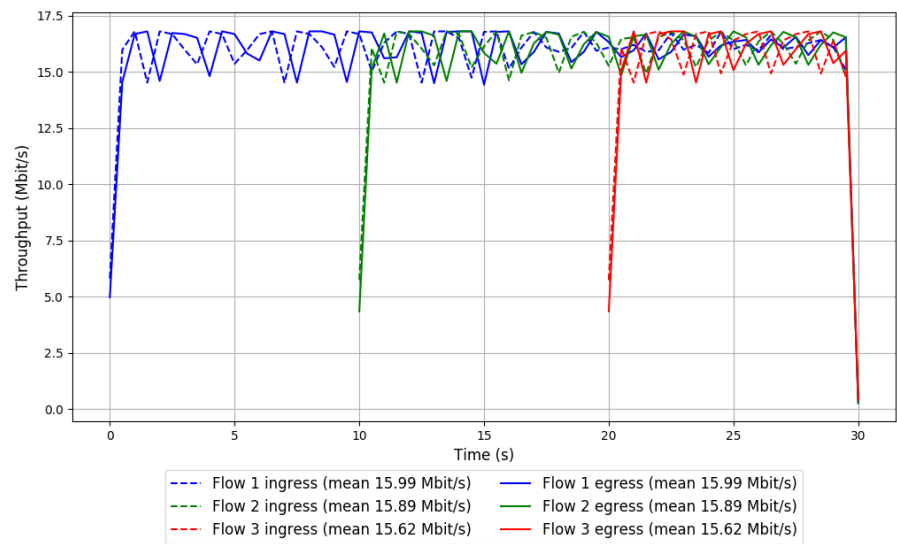


Run 4: Statistics of KohoCC

Start at: 2017-09-08 02:39:59
End at: 2017-09-08 02:40:29
Local clock offset: -0.173 ms
Remote clock offset: -0.992 ms

Below is generated by plot.py at 2017-09-08 05:36:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.74 Mbit/s
95th percentile per-packet one-way delay: 51.278 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 51.278 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 15.89 Mbit/s
95th percentile per-packet one-way delay: 51.212 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.62 Mbit/s
95th percentile per-packet one-way delay: 51.427 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

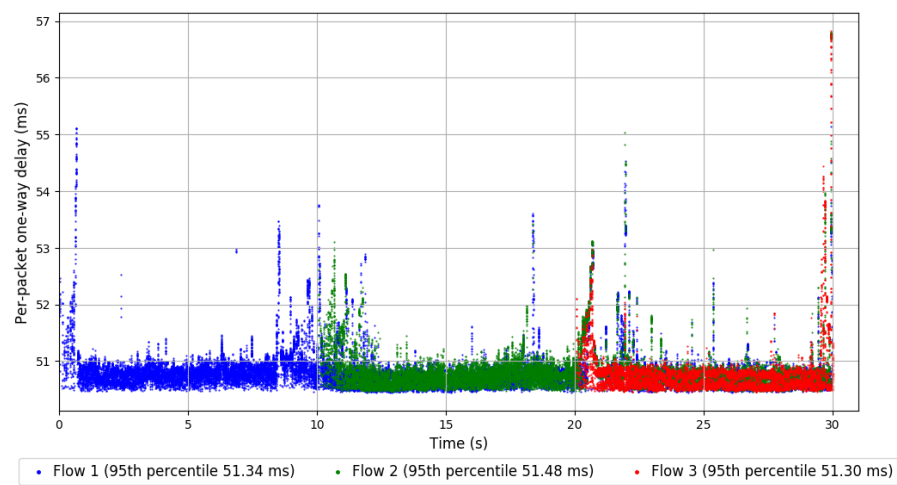
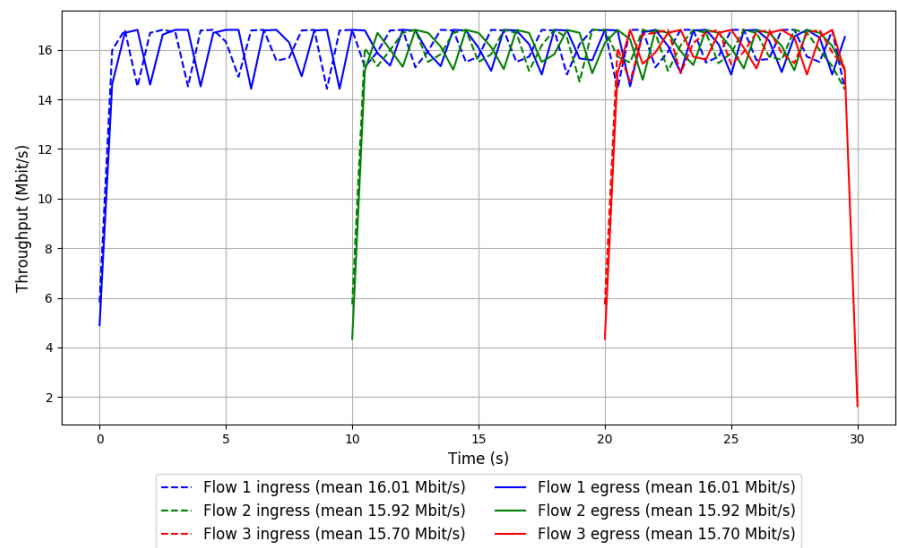


Run 5: Statistics of KohoCC

Start at: 2017-09-08 03:00:51
End at: 2017-09-08 03:01:21
Local clock offset: -0.143 ms
Remote clock offset: -1.074 ms

Below is generated by plot.py at 2017-09-08 05:36:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 51.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 51.335 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 51.479 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 51.298 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link

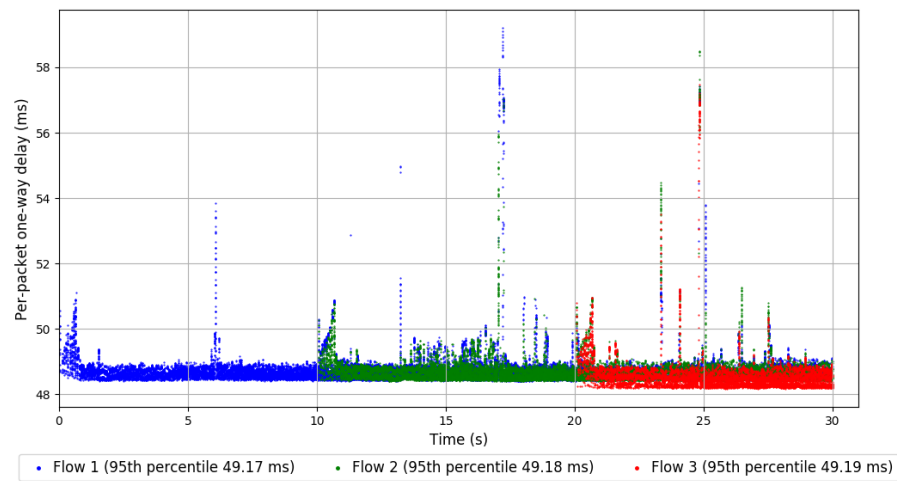
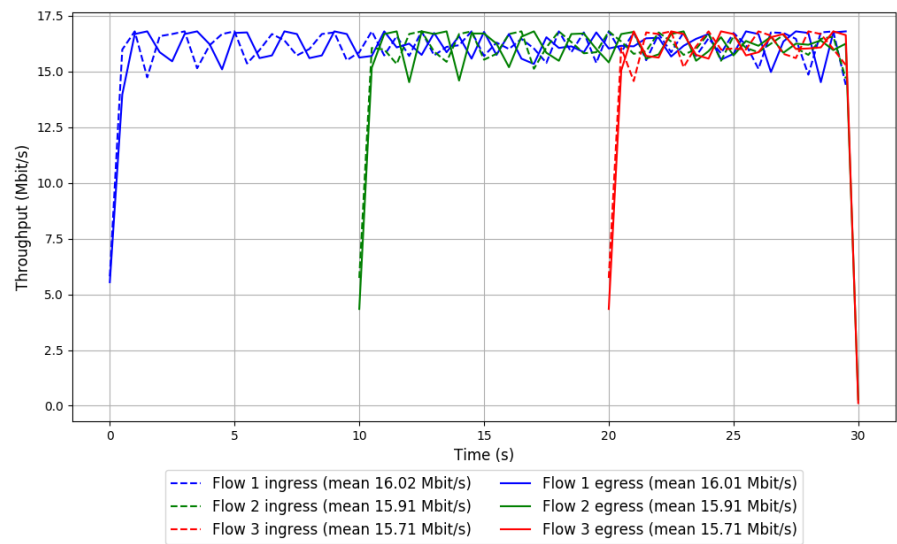


Run 6: Statistics of KohoCC

Start at: 2017-09-08 03:21:46
End at: 2017-09-08 03:22:16
Local clock offset: -0.148 ms
Remote clock offset: -3.192 ms

Below is generated by plot.py at 2017-09-08 05:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 49.175 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 49.166 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 15.91 Mbit/s
95th percentile per-packet one-way delay: 49.181 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 15.71 Mbit/s
95th percentile per-packet one-way delay: 49.189 ms
Loss rate: 0.01%

Run 6: Report of KohoCC — Data Link

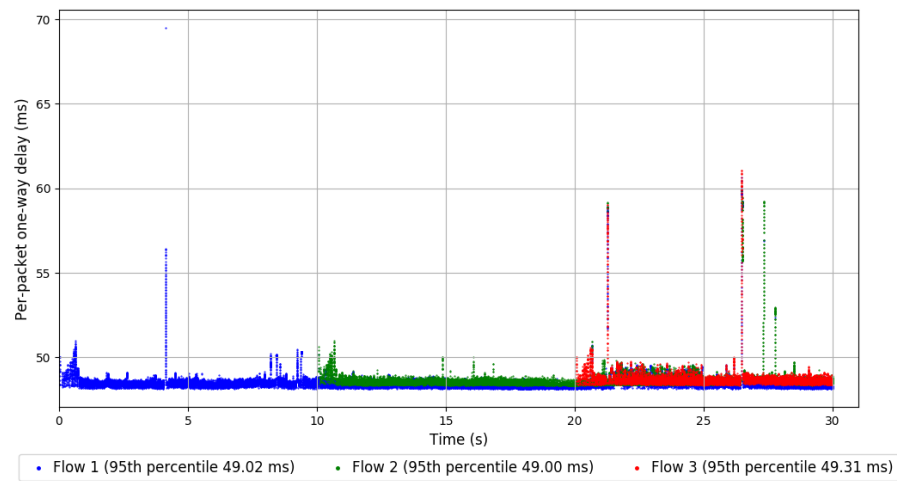
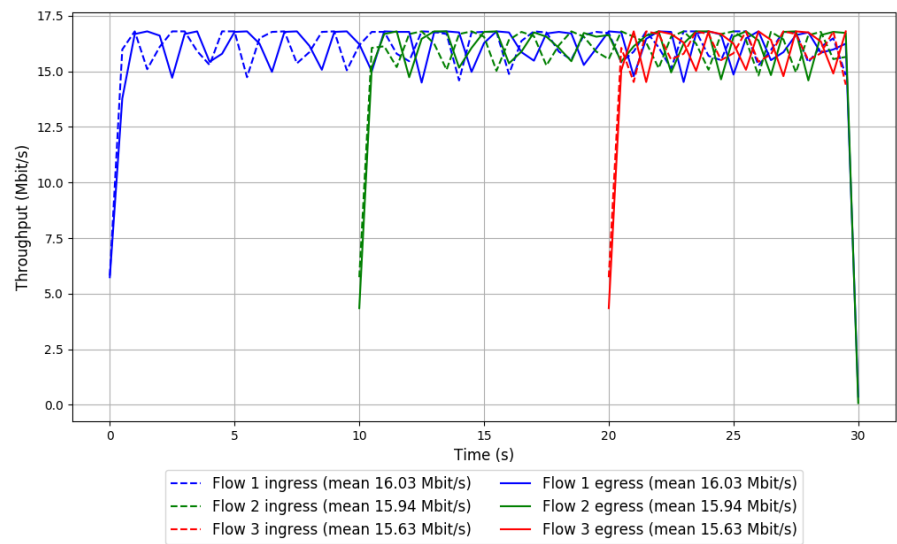


Run 7: Statistics of KohoCC

Start at: 2017-09-08 03:42:38
End at: 2017-09-08 03:43:08
Local clock offset: -0.054 ms
Remote clock offset: -3.197 ms

Below is generated by plot.py at 2017-09-08 05:36:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 49.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 49.023 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 48.999 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 49.312 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

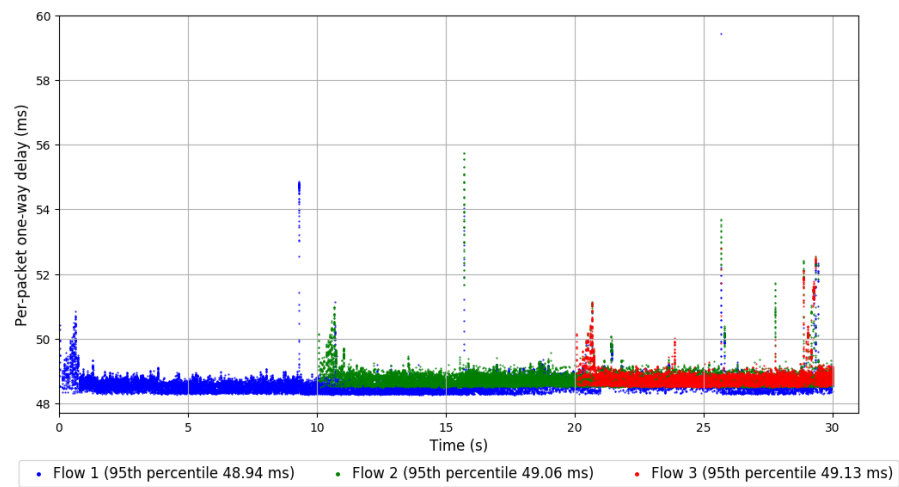
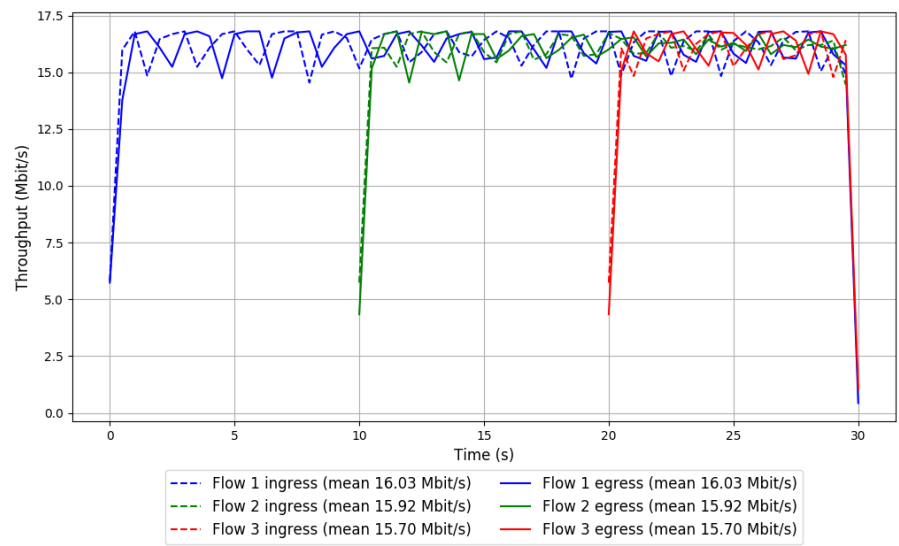


Run 8: Statistics of KohoCC

Start at: 2017-09-08 04:03:29
End at: 2017-09-08 04:03:59
Local clock offset: 0.014 ms
Remote clock offset: -3.229 ms

Below is generated by plot.py at 2017-09-08 05:36:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.84 Mbit/s
95th percentile per-packet one-way delay: 49.008 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 48.935 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 49.061 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 49.131 ms
Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link

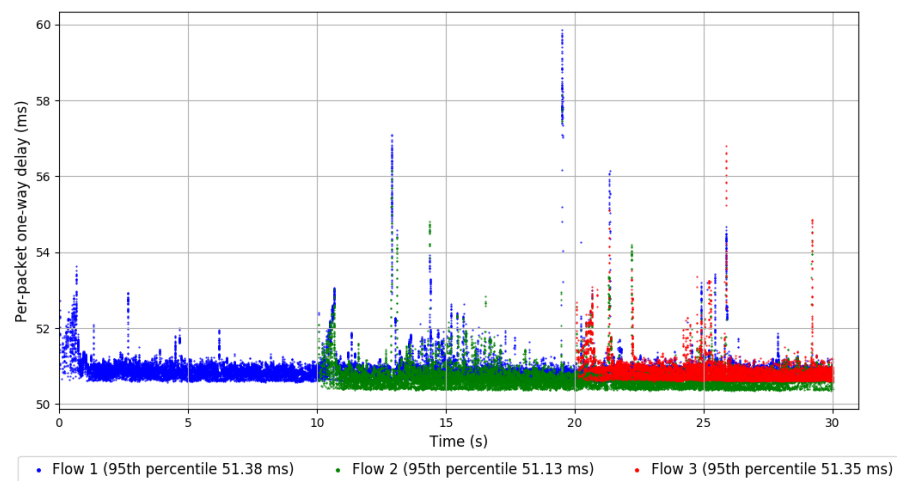
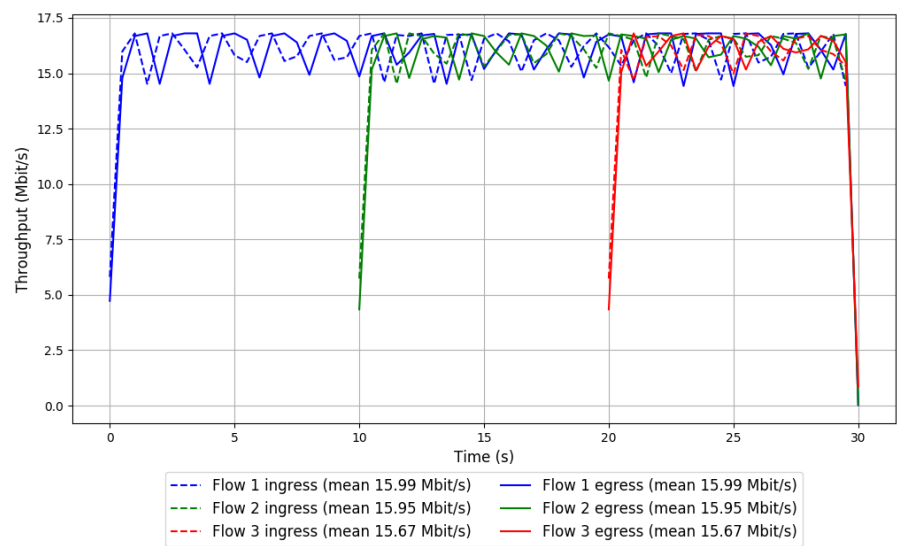


Run 9: Statistics of KohoCC

Start at: 2017-09-08 04:24:47
End at: 2017-09-08 04:25:17
Local clock offset: 0.086 ms
Remote clock offset: -1.187 ms

Below is generated by plot.py at 2017-09-08 05:36:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 51.289 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 51.381 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 51.126 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 51.353 ms
Loss rate: 0.01%

Run 9: Report of KohoCC — Data Link

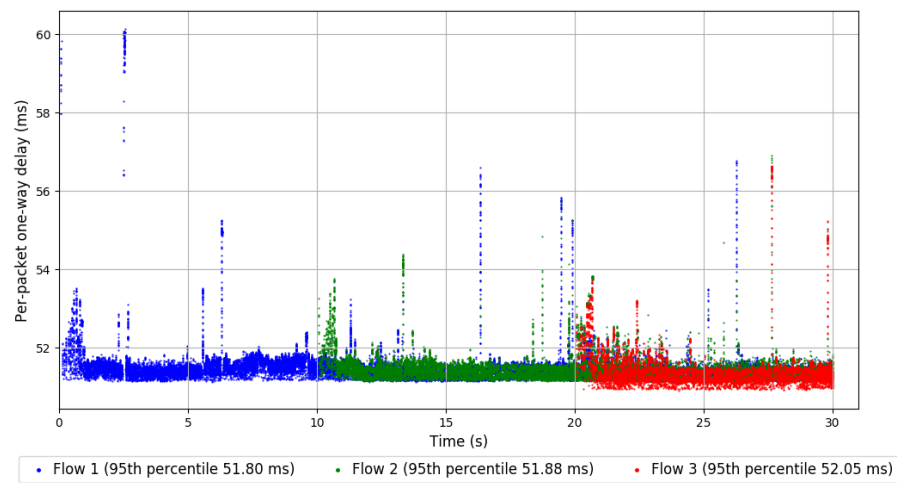
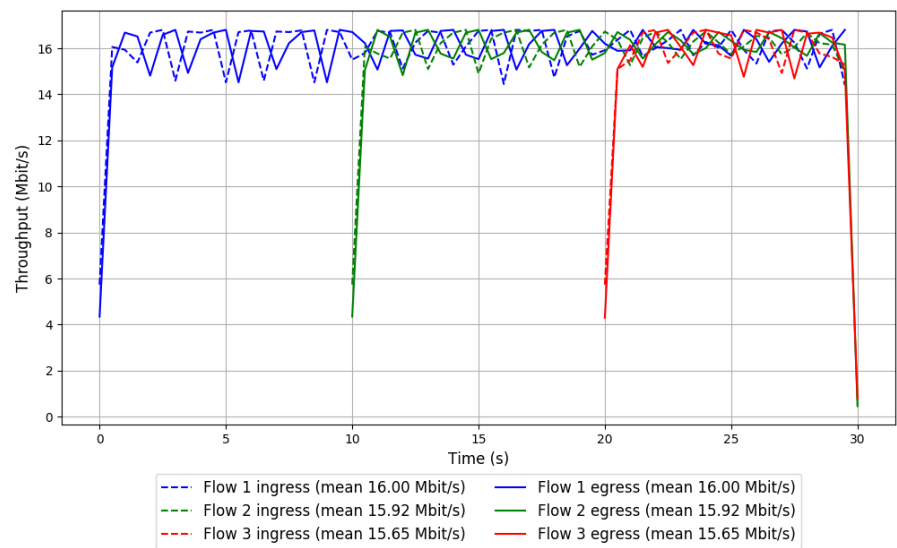


Run 10: Statistics of KohoCC

Start at: 2017-09-08 04:45:40
End at: 2017-09-08 04:46:10
Local clock offset: 0.11 ms
Remote clock offset: -0.752 ms

Below is generated by plot.py at 2017-09-08 05:36:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 51.868 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 51.802 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 51.876 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 52.047 ms
Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

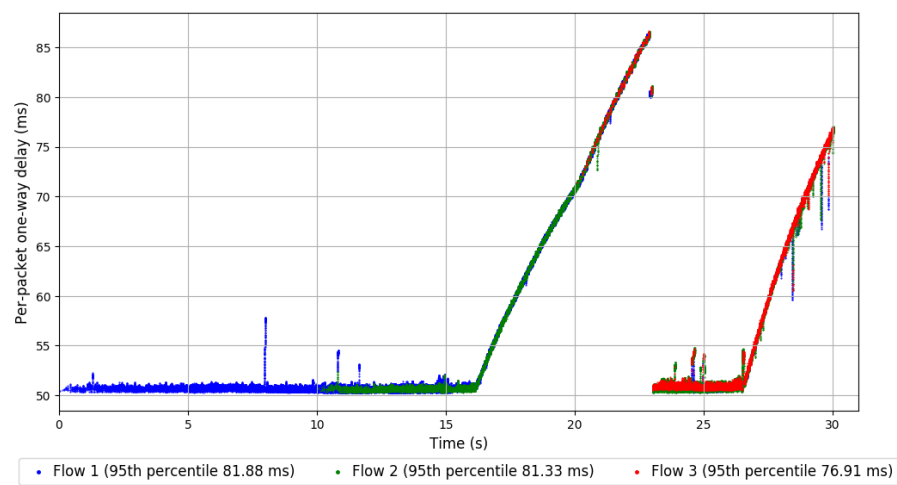
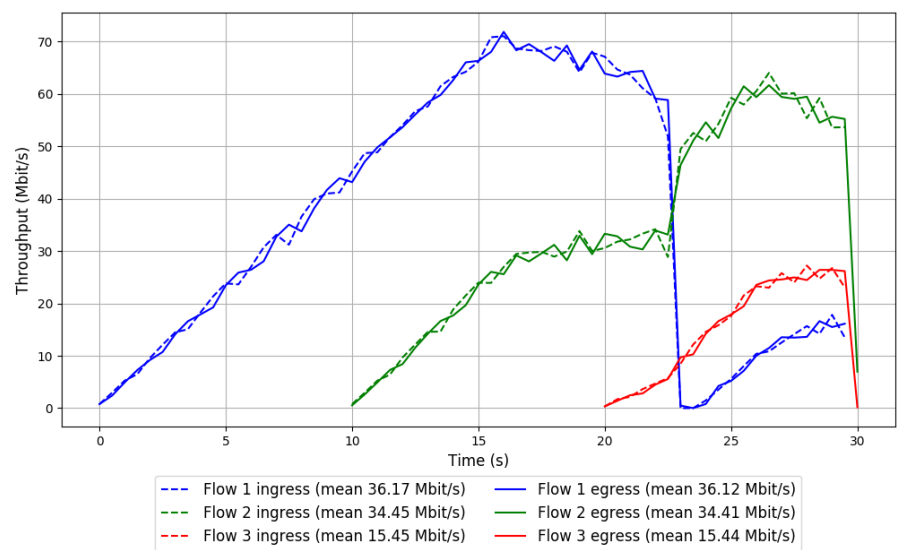


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-08 01:23:20
End at: 2017-09-08 01:23:50
Local clock offset: -0.081 ms
Remote clock offset: 0.081 ms

# Below is generated by plot.py at 2017-09-08 05:36:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 64.07 Mbit/s
95th percentile per-packet one-way delay: 81.579 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 36.12 Mbit/s
95th percentile per-packet one-way delay: 81.881 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 34.41 Mbit/s
95th percentile per-packet one-way delay: 81.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 76.907 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

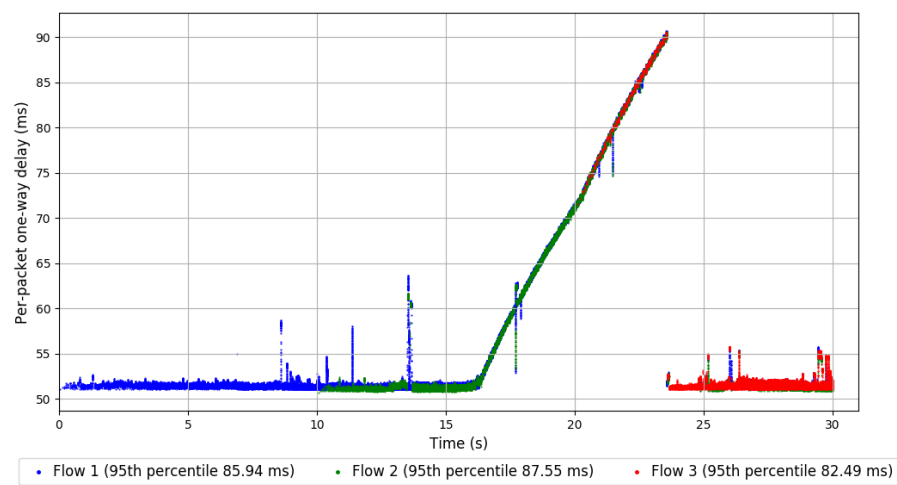
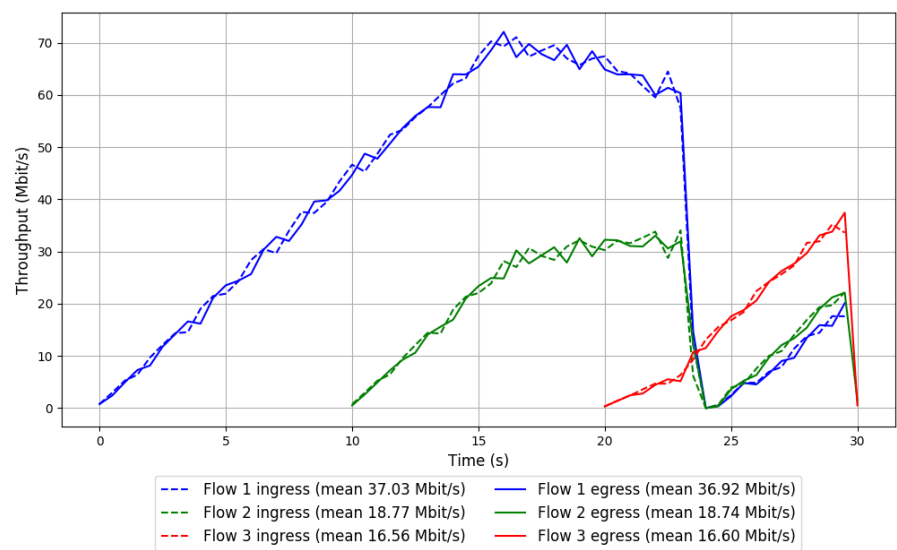


```
Run 2: Statistics of LEDBAT

Start at: 2017-09-08 01:44:12
End at: 2017-09-08 01:44:42
Local clock offset: -0.137 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2017-09-08 05:36:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 86.268 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 85.941 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 87.550 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 16.60 Mbit/s
95th percentile per-packet one-way delay: 82.492 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

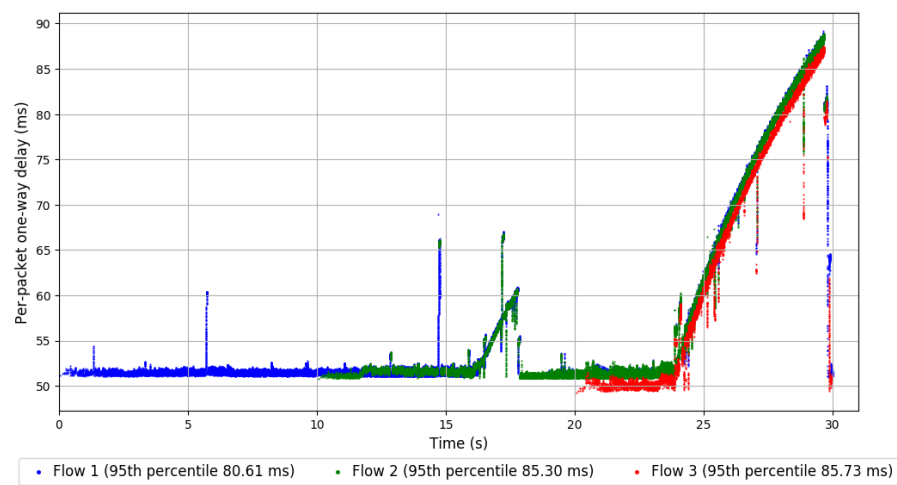
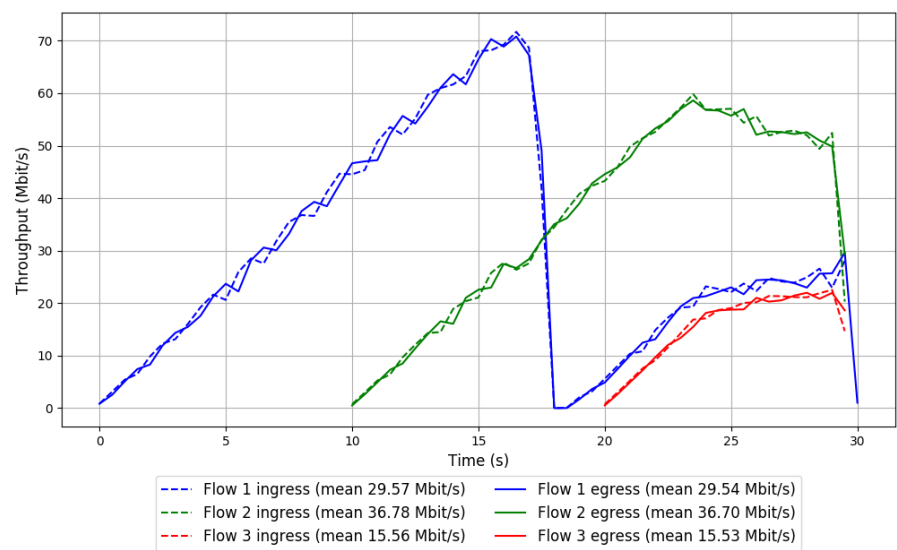


Run 3: Statistics of LEDBAT

Start at: 2017-09-08 02:05:13
End at: 2017-09-08 02:05:43
Local clock offset: -0.237 ms
Remote clock offset: -0.274 ms

Below is generated by plot.py at 2017-09-08 05:36:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.82 Mbit/s
95th percentile per-packet one-way delay: 84.070 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 29.54 Mbit/s
95th percentile per-packet one-way delay: 80.615 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 36.70 Mbit/s
95th percentile per-packet one-way delay: 85.301 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 15.53 Mbit/s
95th percentile per-packet one-way delay: 85.730 ms
Loss rate: 0.19%

Run 3: Report of LEDBAT — Data Link

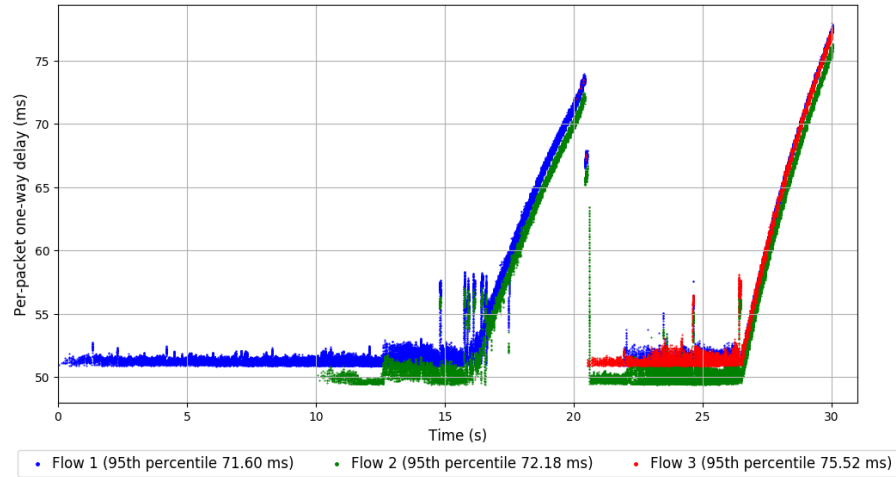
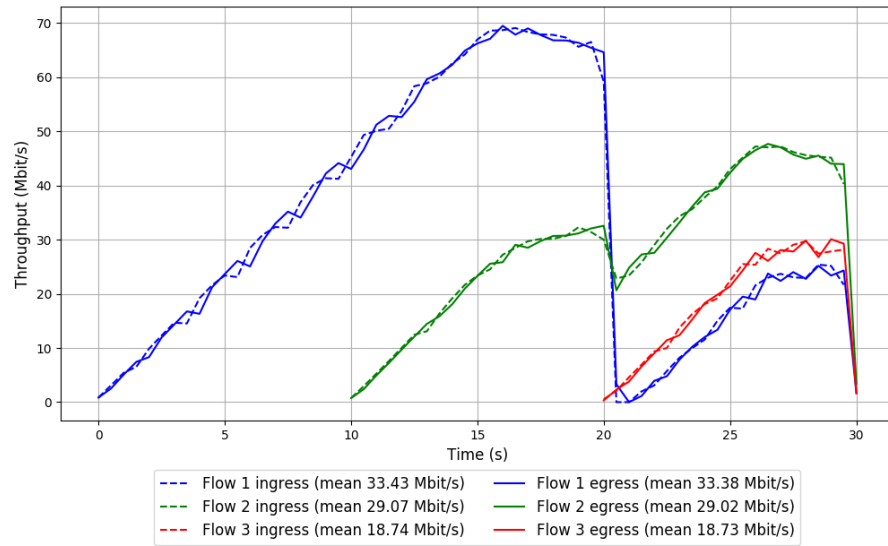


Run 4: Statistics of LEDBAT

Start at: 2017-09-08 02:26:06
End at: 2017-09-08 02:26:36
Local clock offset: -0.248 ms
Remote clock offset: -0.366 ms

Below is generated by plot.py at 2017-09-08 05:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 72.341 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 33.38 Mbit/s
95th percentile per-packet one-way delay: 71.599 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 29.02 Mbit/s
95th percentile per-packet one-way delay: 72.177 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 75.516 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

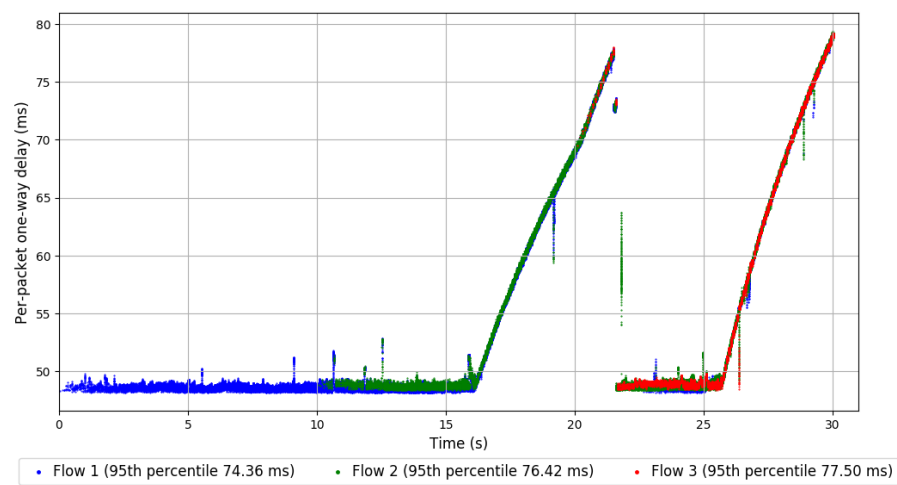
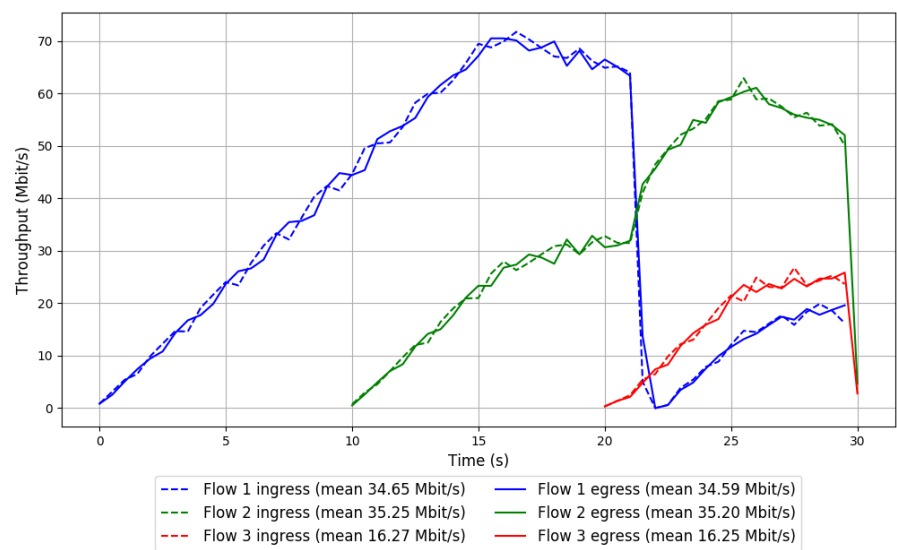


Run 5: Statistics of LEDBAT

Start at: 2017-09-08 02:47:01
End at: 2017-09-08 02:47:31
Local clock offset: -0.17 ms
Remote clock offset: -3.137 ms

Below is generated by plot.py at 2017-09-08 05:37:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.37 Mbit/s
95th percentile per-packet one-way delay: 75.750 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 34.59 Mbit/s
95th percentile per-packet one-way delay: 74.360 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 35.20 Mbit/s
95th percentile per-packet one-way delay: 76.425 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.25 Mbit/s
95th percentile per-packet one-way delay: 77.498 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

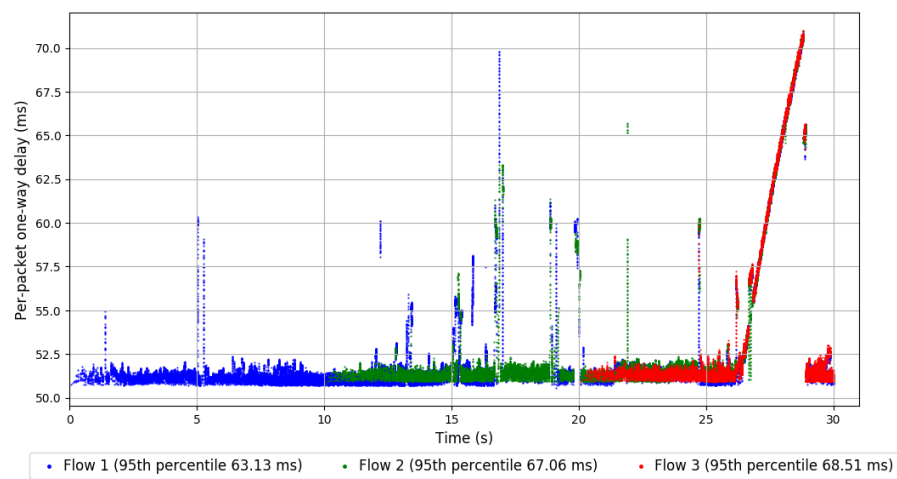
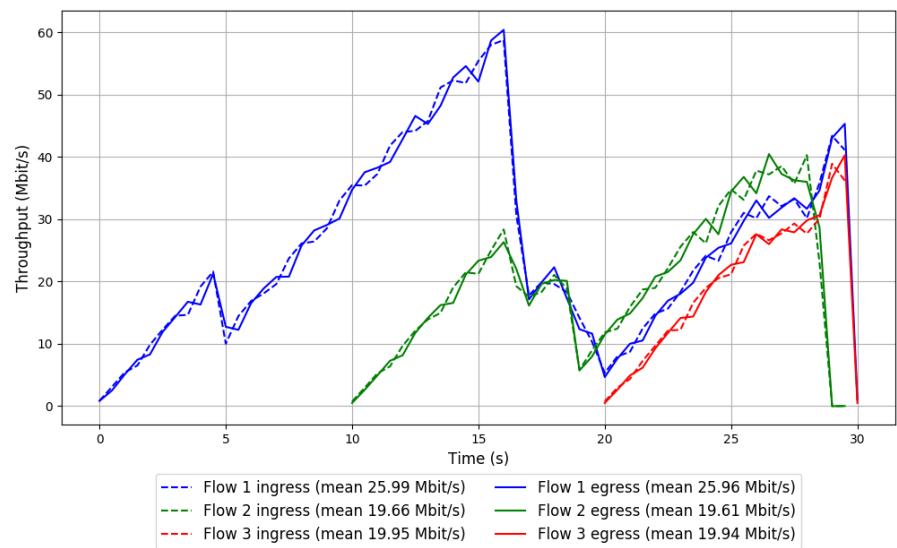


Run 6: Statistics of LEDBAT

Start at: 2017-09-08 03:07:54
End at: 2017-09-08 03:08:24
Local clock offset: -0.1 ms
Remote clock offset: -0.576 ms

Below is generated by plot.py at 2017-09-08 05:37:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.61 Mbit/s
95th percentile per-packet one-way delay: 66.062 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 25.96 Mbit/s
95th percentile per-packet one-way delay: 63.131 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 19.61 Mbit/s
95th percentile per-packet one-way delay: 67.064 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 19.94 Mbit/s
95th percentile per-packet one-way delay: 68.513 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

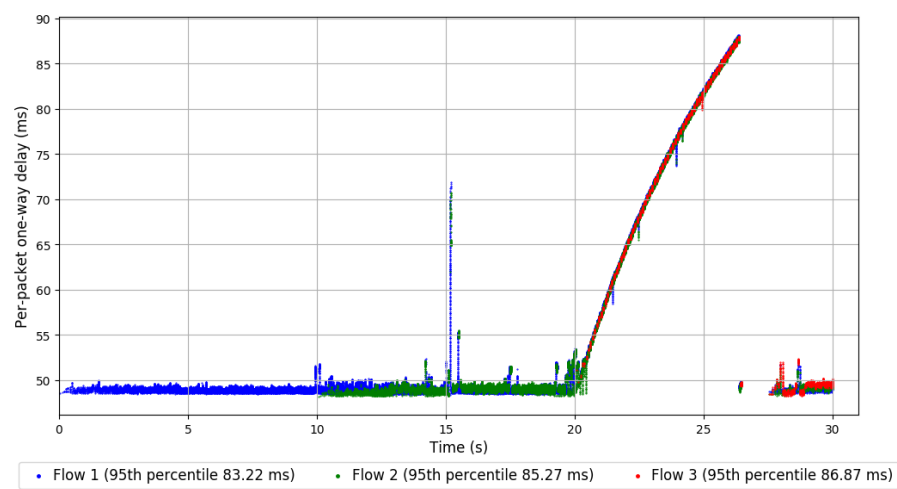
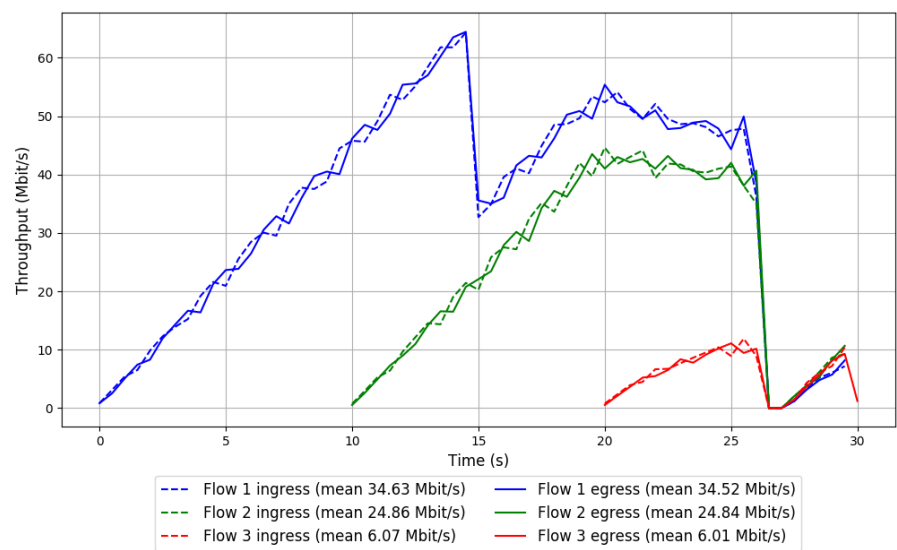


Run 7: Statistics of LEDBAT

Start at: 2017-09-08 03:28:50
End at: 2017-09-08 03:29:20
Local clock offset: -0.129 ms
Remote clock offset: -3.152 ms

Below is generated by plot.py at 2017-09-08 05:37:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.04 Mbit/s
95th percentile per-packet one-way delay: 84.410 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 34.52 Mbit/s
95th percentile per-packet one-way delay: 83.221 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 85.266 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 6.01 Mbit/s
95th percentile per-packet one-way delay: 86.874 ms
Loss rate: 0.97%

Run 7: Report of LEDBAT — Data Link

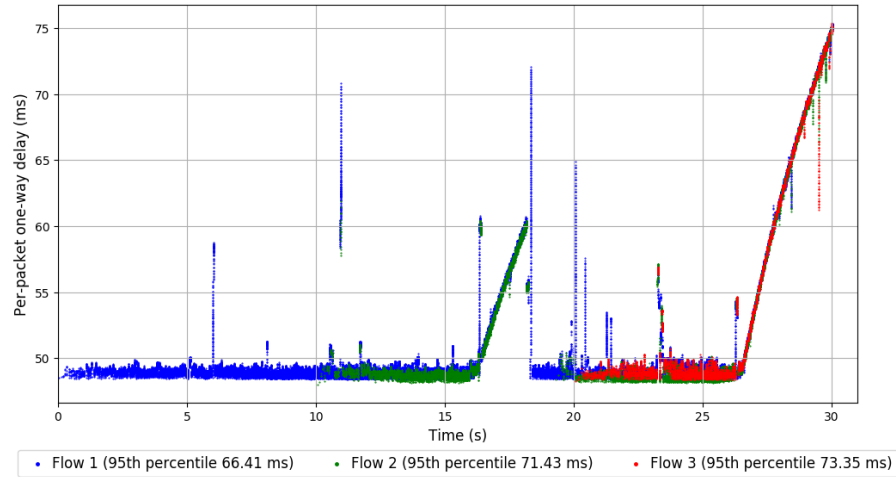
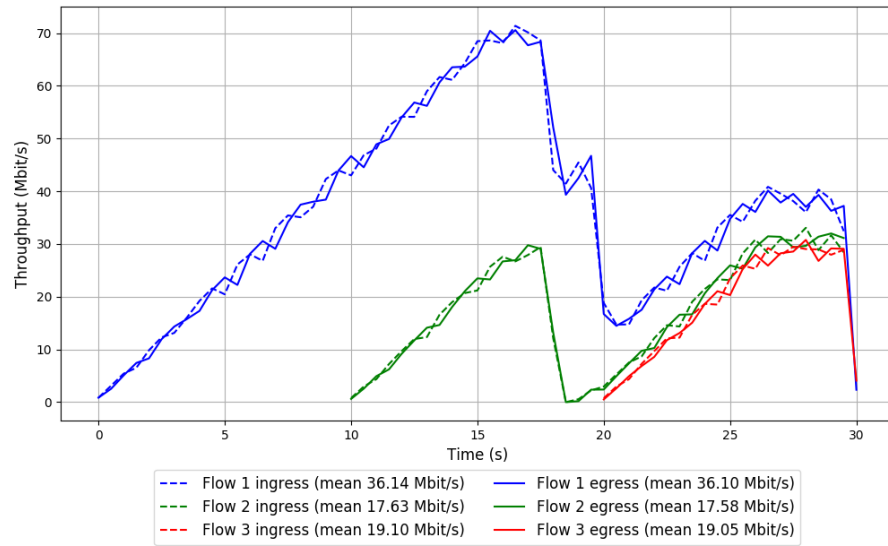


Run 8: Statistics of LEDBAT

Start at: 2017-09-08 03:49:38
End at: 2017-09-08 03:50:08
Local clock offset: -0.123 ms
Remote clock offset: -3.309 ms

Below is generated by plot.py at 2017-09-08 05:37:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.12 Mbit/s
95th percentile per-packet one-way delay: 70.113 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 66.413 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 17.58 Mbit/s
95th percentile per-packet one-way delay: 71.433 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 73.347 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

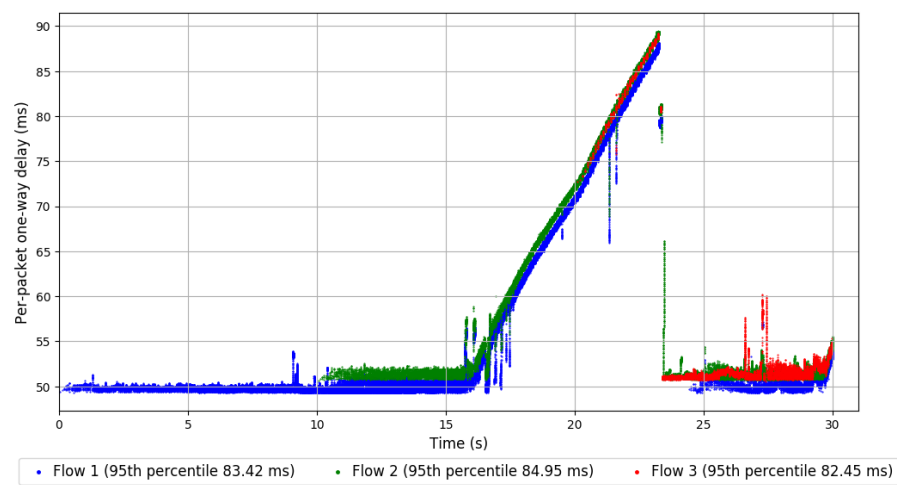
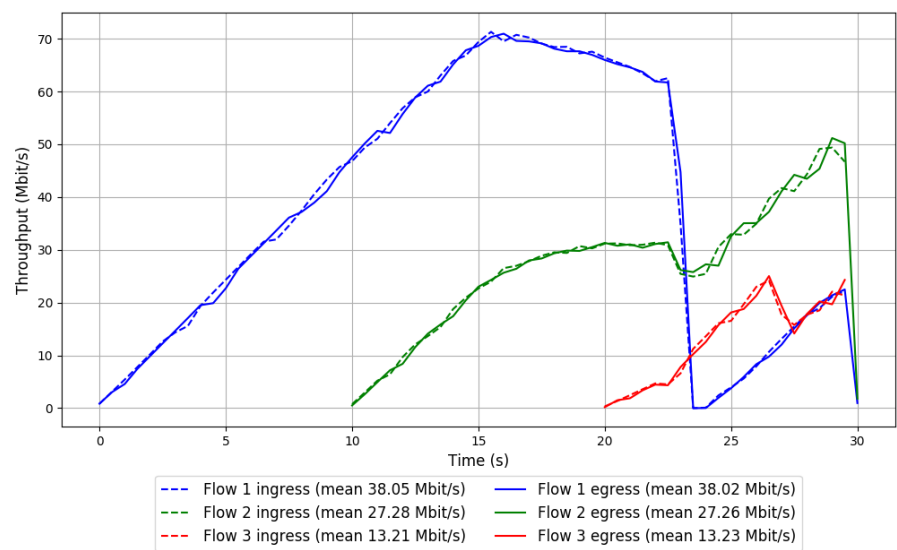


Run 9: Statistics of LEDBAT

Start at: 2017-09-08 04:10:33
End at: 2017-09-08 04:11:03
Local clock offset: 0.142 ms
Remote clock offset: -0.695 ms

Below is generated by plot.py at 2017-09-08 05:37:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.52 Mbit/s
95th percentile per-packet one-way delay: 83.872 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 83.422 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 84.954 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 82.446 ms
Loss rate: 0.05%

Run 9: Report of LEDBAT — Data Link

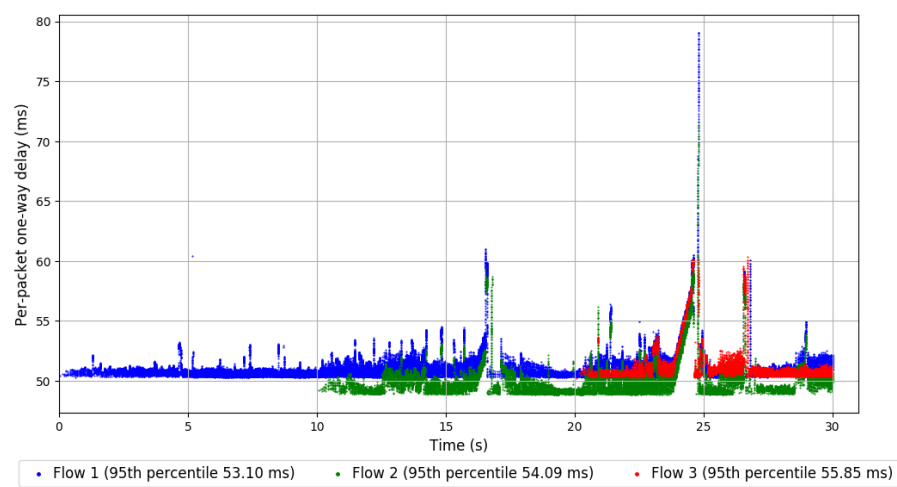
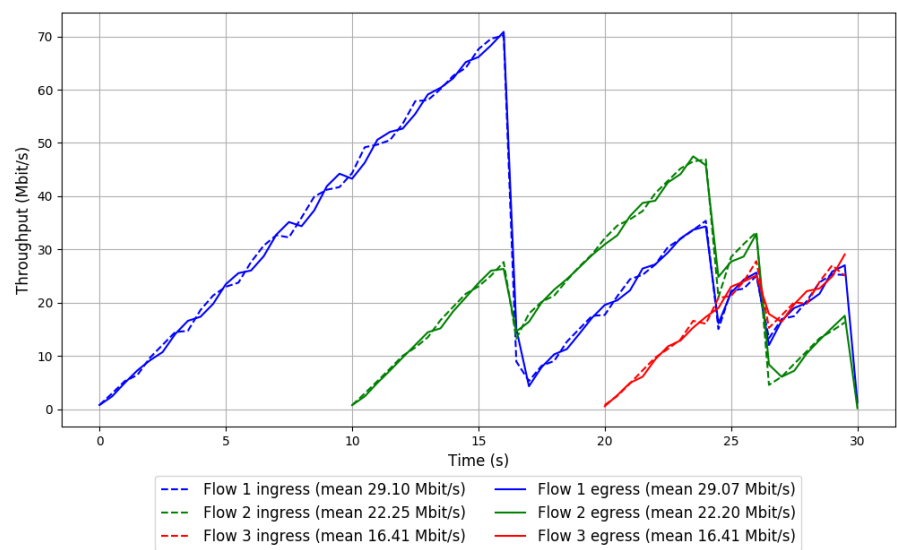


Run 10: Statistics of LEDBAT

Start at: 2017-09-08 04:31:49
End at: 2017-09-08 04:32:19
Local clock offset: 0.156 ms
Remote clock offset: -1.195 ms

Below is generated by plot.py at 2017-09-08 05:37:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 53.502 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 53.098 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 54.088 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 55.846 ms
Loss rate: 0.02%

Run 10: Report of LEDBAT — Data Link

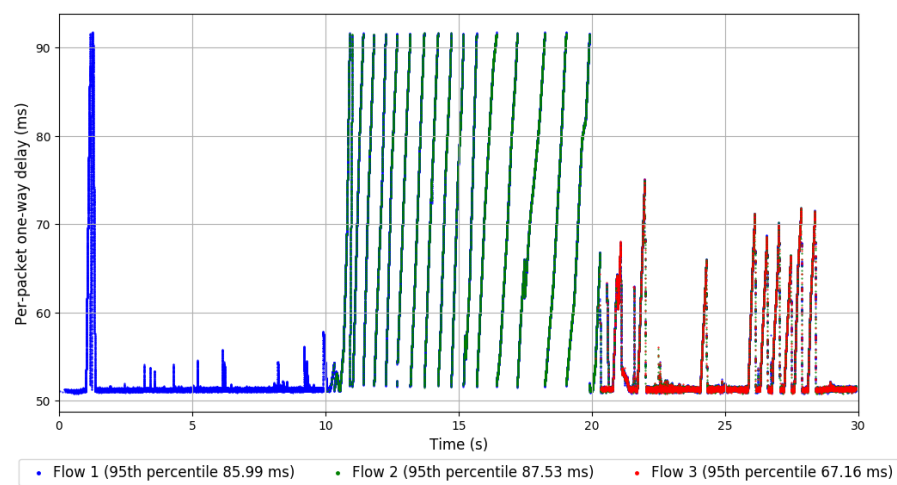
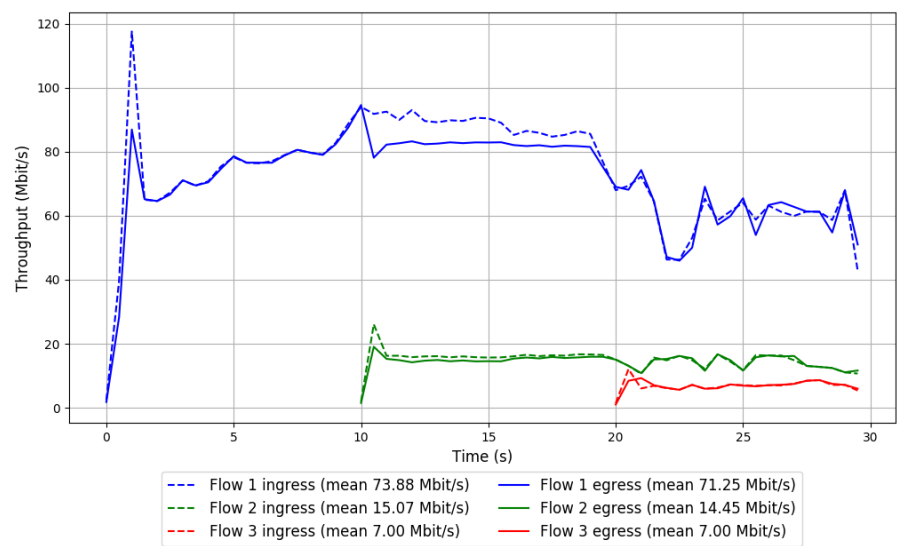


```
Run 1: Statistics of PCC

Start at: 2017-09-08 01:34:27
End at: 2017-09-08 01:34:57
Local clock offset: -0.135 ms
Remote clock offset: 0.327 ms

# Below is generated by plot.py at 2017-09-08 05:37:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.16 Mbit/s
95th percentile per-packet one-way delay: 86.055 ms
Loss rate: 3.52%
-- Flow 1:
Average throughput: 71.25 Mbit/s
95th percentile per-packet one-way delay: 85.994 ms
Loss rate: 3.55%
-- Flow 2:
Average throughput: 14.45 Mbit/s
95th percentile per-packet one-way delay: 87.525 ms
Loss rate: 4.06%
-- Flow 3:
Average throughput: 7.00 Mbit/s
95th percentile per-packet one-way delay: 67.155 ms
Loss rate: 0.02%
```

Run 1: Report of PCC — Data Link

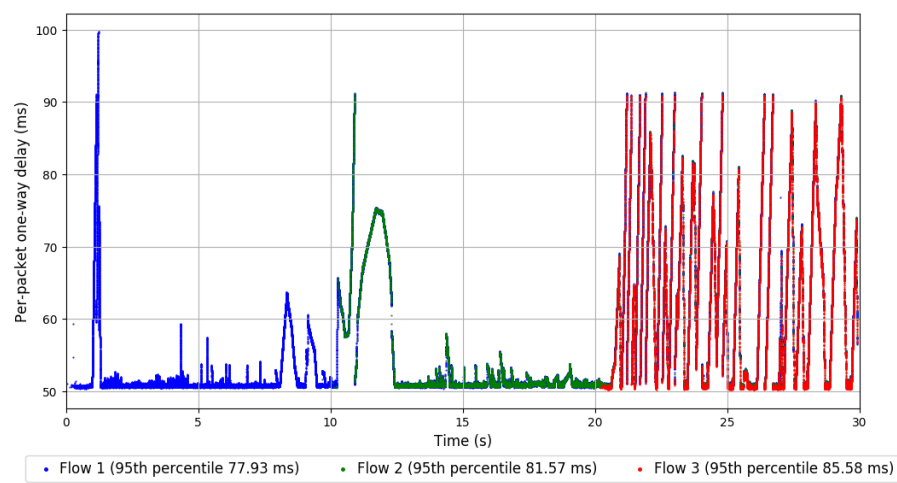
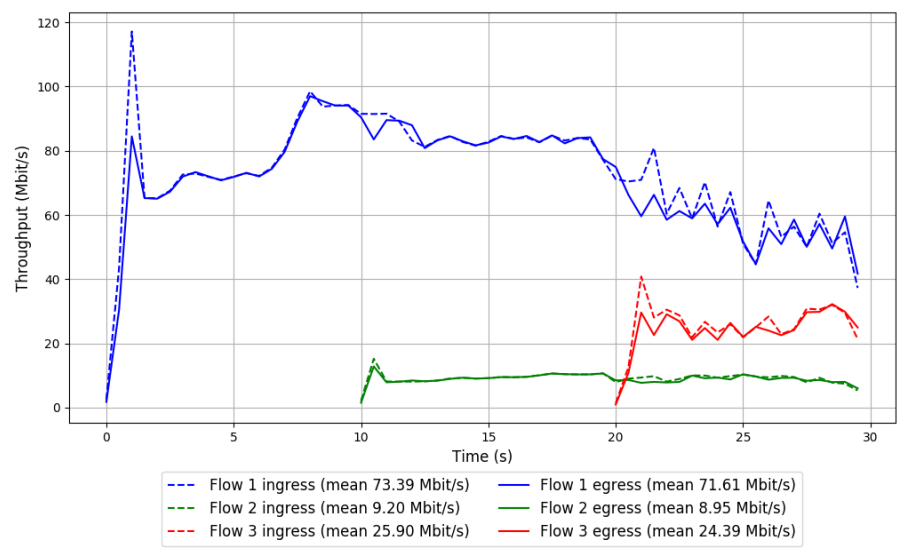


Run 2: Statistics of PCC

Start at: 2017-09-08 01:55:22
End at: 2017-09-08 01:55:52
Local clock offset: -0.16 ms
Remote clock offset: -0.569 ms

Below is generated by plot.py at 2017-09-08 05:37:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 79.792 ms
Loss rate: 2.76%
-- Flow 1:
Average throughput: 71.61 Mbit/s
95th percentile per-packet one-way delay: 77.932 ms
Loss rate: 2.41%
-- Flow 2:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 81.569 ms
Loss rate: 2.73%
-- Flow 3:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 85.578 ms
Loss rate: 5.77%

Run 2: Report of PCC — Data Link

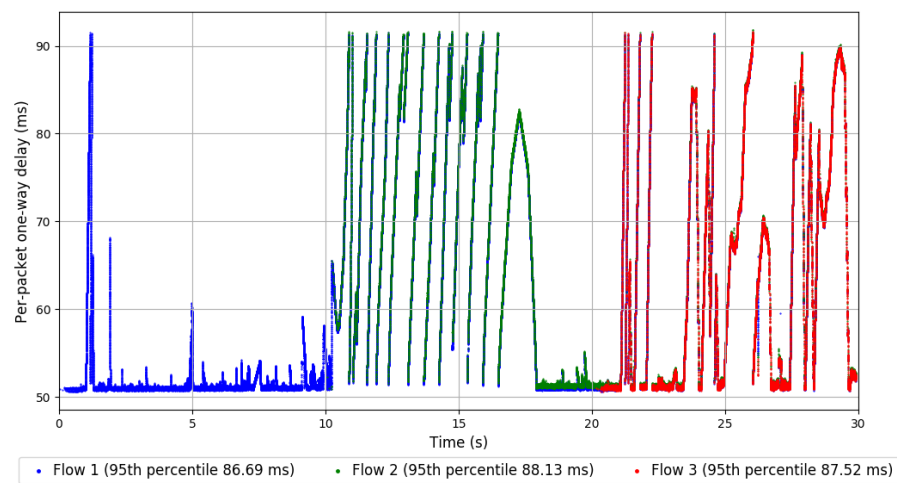
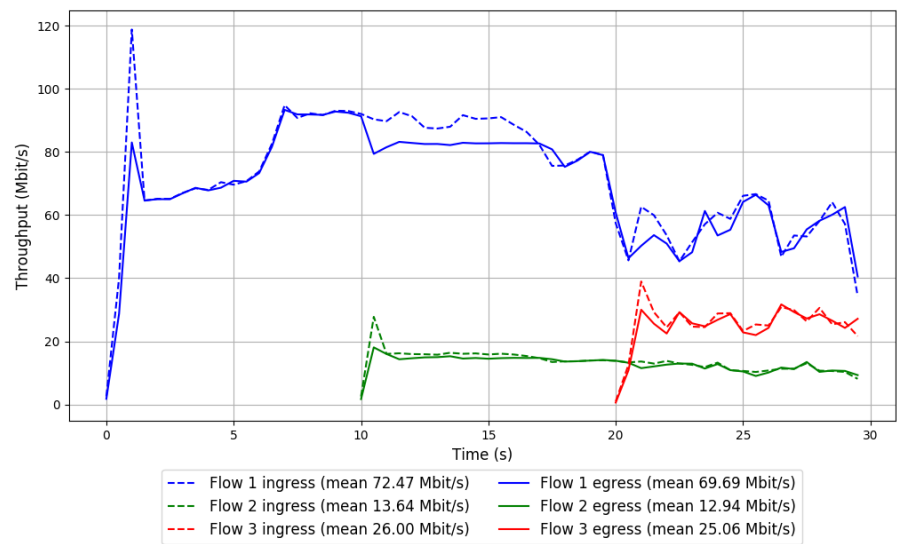


Run 3: Statistics of PCC

Start at: 2017-09-08 02:16:23
End at: 2017-09-08 02:16:53
Local clock offset: -0.231 ms
Remote clock offset: -0.407 ms

Below is generated by plot.py at 2017-09-08 05:37:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 87.031 ms
Loss rate: 3.95%
-- Flow 1:
Average throughput: 69.69 Mbit/s
95th percentile per-packet one-way delay: 86.685 ms
Loss rate: 3.83%
-- Flow 2:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 88.131 ms
Loss rate: 5.17%
-- Flow 3:
Average throughput: 25.06 Mbit/s
95th percentile per-packet one-way delay: 87.522 ms
Loss rate: 3.60%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-09-08 02:37:16

End at: 2017-09-08 02:37:46

Local clock offset: -0.098 ms

Remote clock offset: -0.88 ms

Below is generated by plot.py at 2017-09-08 05:37:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.71 Mbit/s

95th percentile per-packet one-way delay: 86.456 ms

Loss rate: 5.17%

-- Flow 1:

Average throughput: 76.54 Mbit/s

95th percentile per-packet one-way delay: 86.038 ms

Loss rate: 4.80%

-- Flow 2:

Average throughput: 7.05 Mbit/s

95th percentile per-packet one-way delay: 88.026 ms

Loss rate: 5.92%

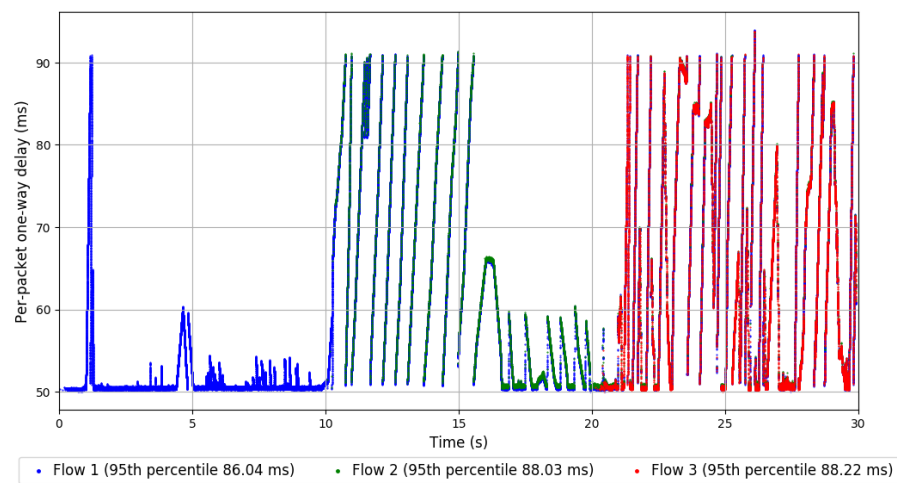
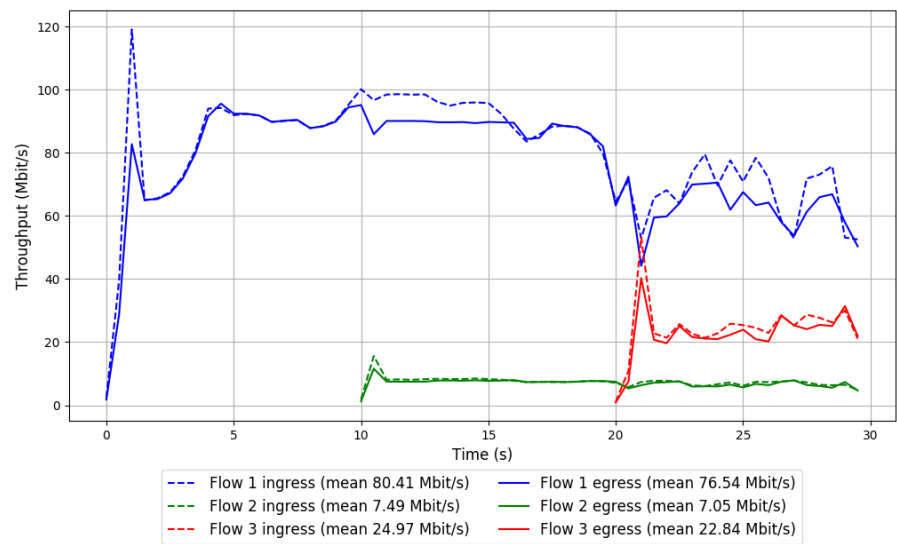
-- Flow 3:

Average throughput: 22.84 Mbit/s

95th percentile per-packet one-way delay: 88.222 ms

Loss rate: 8.43%

Run 4: Report of PCC — Data Link

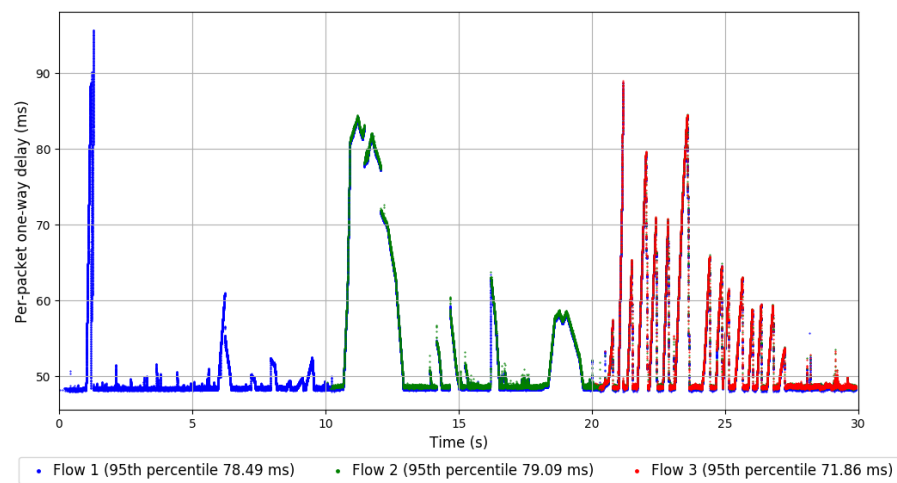
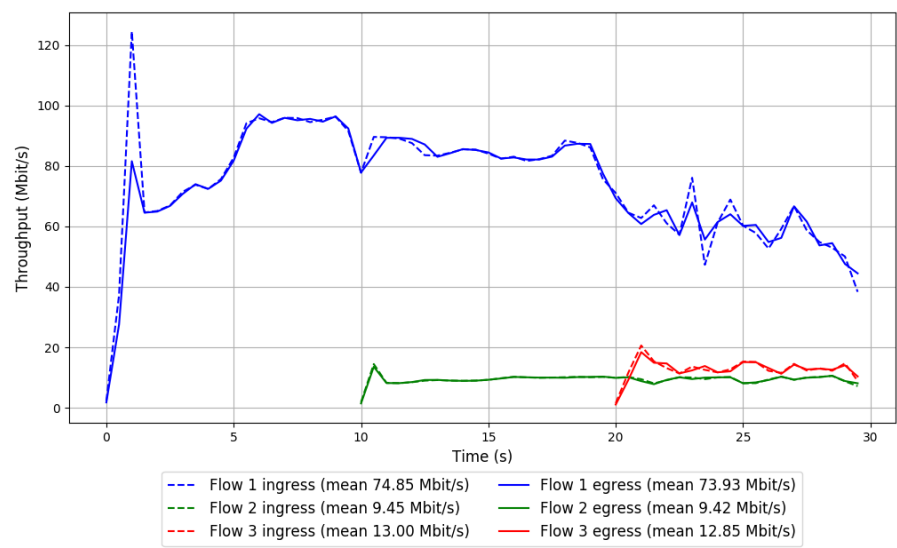


Run 5: Statistics of PCC

Start at: 2017-09-08 02:58:08
End at: 2017-09-08 02:58:38
Local clock offset: -0.156 ms
Remote clock offset: -3.141 ms

Below is generated by plot.py at 2017-09-08 05:37:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.38 Mbit/s
95th percentile per-packet one-way delay: 78.392 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 73.93 Mbit/s
95th percentile per-packet one-way delay: 78.492 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 79.088 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 71.858 ms
Loss rate: 1.20%

Run 5: Report of PCC — Data Link

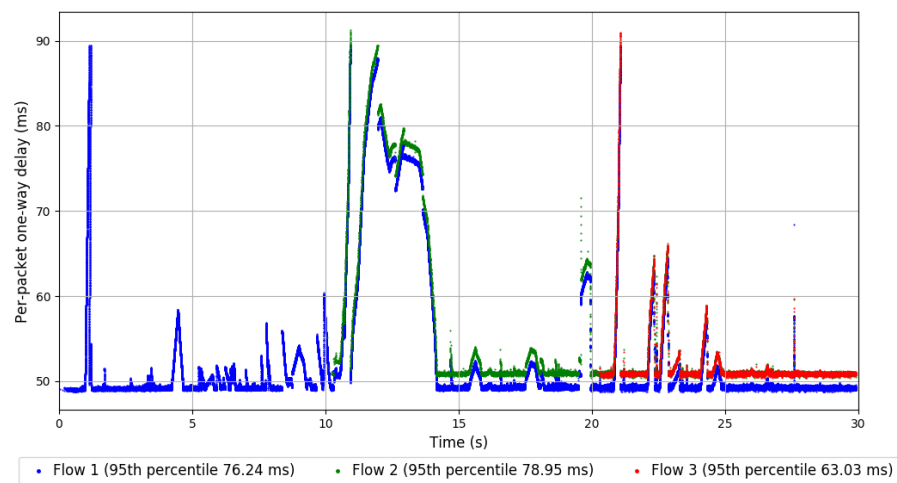
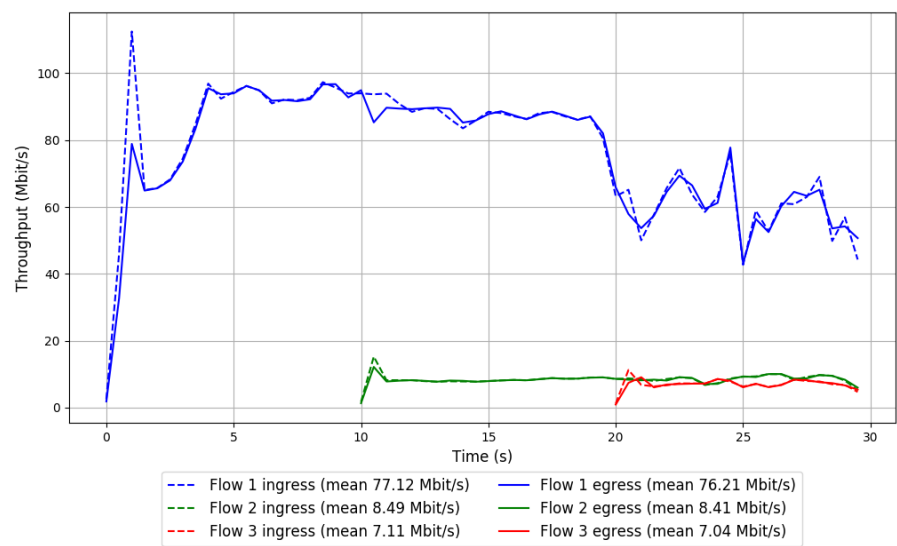


Run 6: Statistics of PCC

Start at: 2017-09-08 03:19:04
End at: 2017-09-08 03:19:34
Local clock offset: -0.156 ms
Remote clock offset: -1.008 ms

Below is generated by plot.py at 2017-09-08 05:37:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.10 Mbit/s
95th percentile per-packet one-way delay: 76.373 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 76.21 Mbit/s
95th percentile per-packet one-way delay: 76.242 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 78.951 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 63.032 ms
Loss rate: 0.93%

Run 6: Report of PCC — Data Link

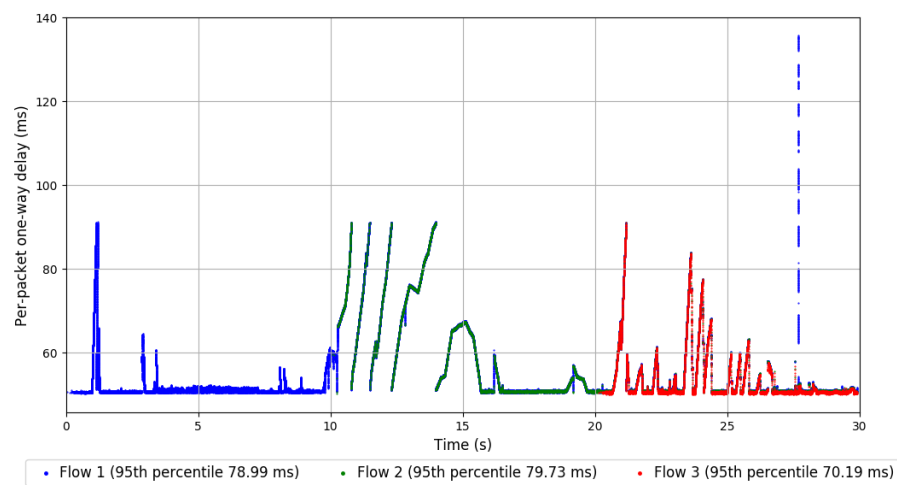
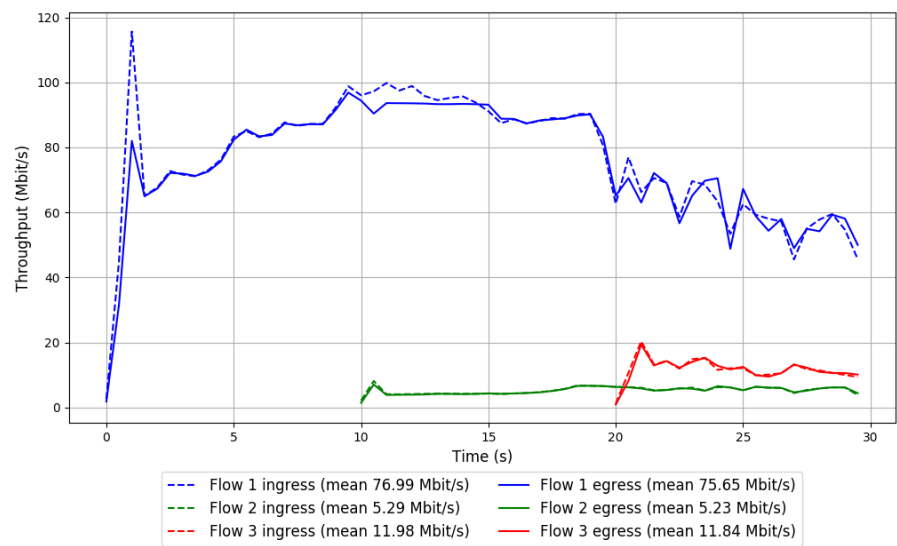


Run 7: Statistics of PCC

Start at: 2017-09-08 03:39:57
End at: 2017-09-08 03:40:27
Local clock offset: -0.126 ms
Remote clock offset: -1.071 ms

Below is generated by plot.py at 2017-09-08 05:38:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.00 Mbit/s
95th percentile per-packet one-way delay: 78.659 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 75.65 Mbit/s
95th percentile per-packet one-way delay: 78.992 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 79.731 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 70.186 ms
Loss rate: 1.10%

Run 7: Report of PCC — Data Link

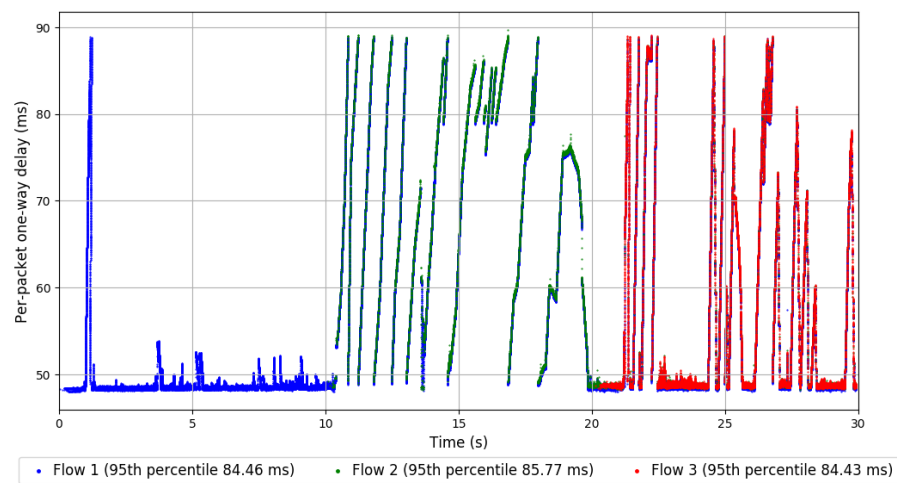
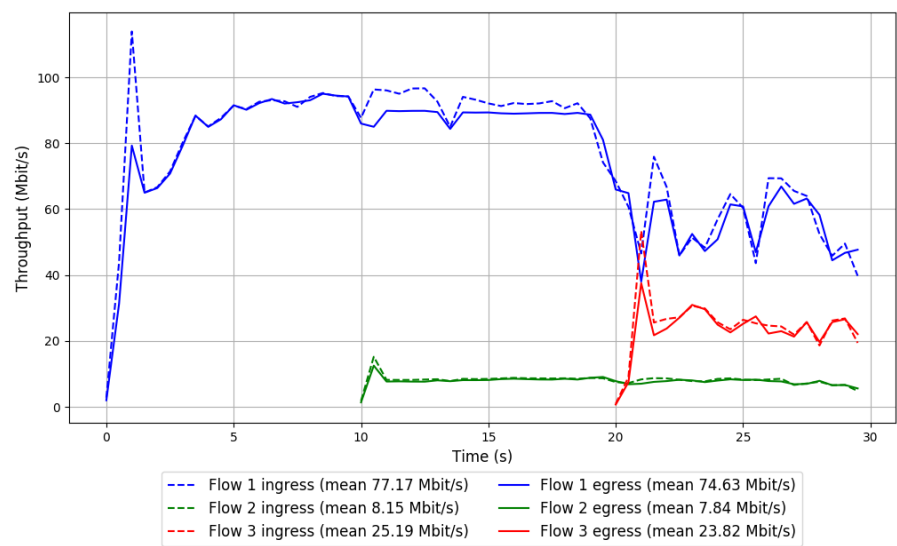


Run 8: Statistics of PCC

Start at: 2017-09-08 04:00:46
End at: 2017-09-08 04:01:16
Local clock offset: -0.049 ms
Remote clock offset: -3.295 ms

Below is generated by plot.py at 2017-09-08 05:38:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 84.568 ms
Loss rate: 3.52%
-- Flow 1:
Average throughput: 74.63 Mbit/s
95th percentile per-packet one-way delay: 84.456 ms
Loss rate: 3.29%
-- Flow 2:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 85.767 ms
Loss rate: 3.81%
-- Flow 3:
Average throughput: 23.82 Mbit/s
95th percentile per-packet one-way delay: 84.429 ms
Loss rate: 5.45%

Run 8: Report of PCC — Data Link

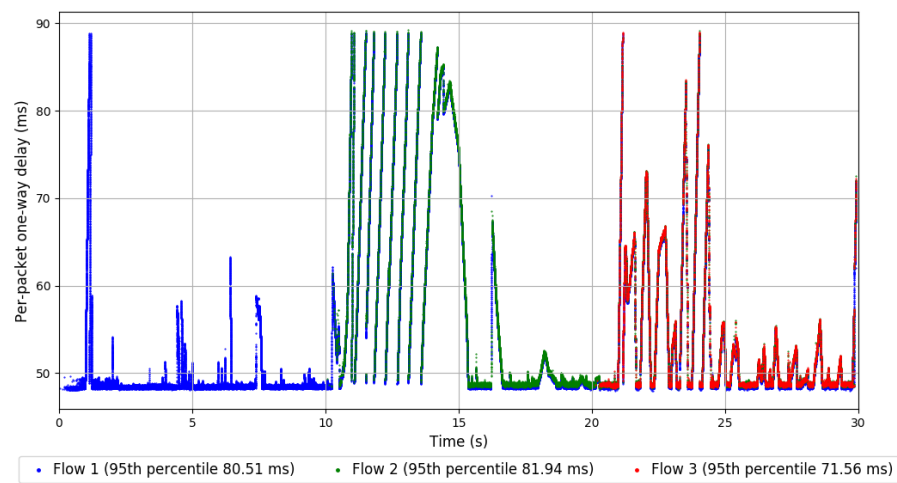
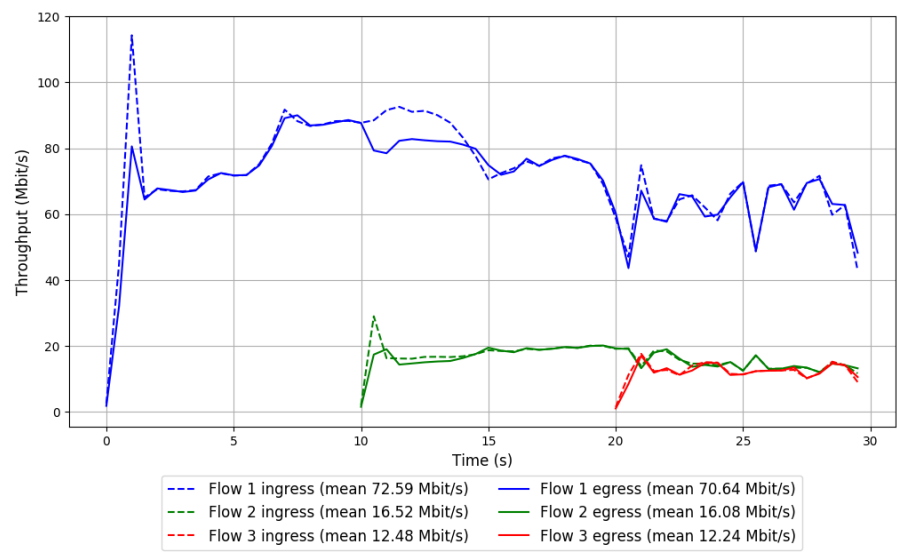


Run 9: Statistics of PCC

Start at: 2017-09-08 04:22:01
End at: 2017-09-08 04:22:31
Local clock offset: 0.072 ms
Remote clock offset: -3.335 ms

Below is generated by plot.py at 2017-09-08 05:38:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.34 Mbit/s
95th percentile per-packet one-way delay: 80.579 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 70.64 Mbit/s
95th percentile per-packet one-way delay: 80.514 ms
Loss rate: 2.64%
-- Flow 2:
Average throughput: 16.08 Mbit/s
95th percentile per-packet one-way delay: 81.945 ms
Loss rate: 2.60%
-- Flow 3:
Average throughput: 12.24 Mbit/s
95th percentile per-packet one-way delay: 71.564 ms
Loss rate: 1.66%

Run 9: Report of PCC — Data Link

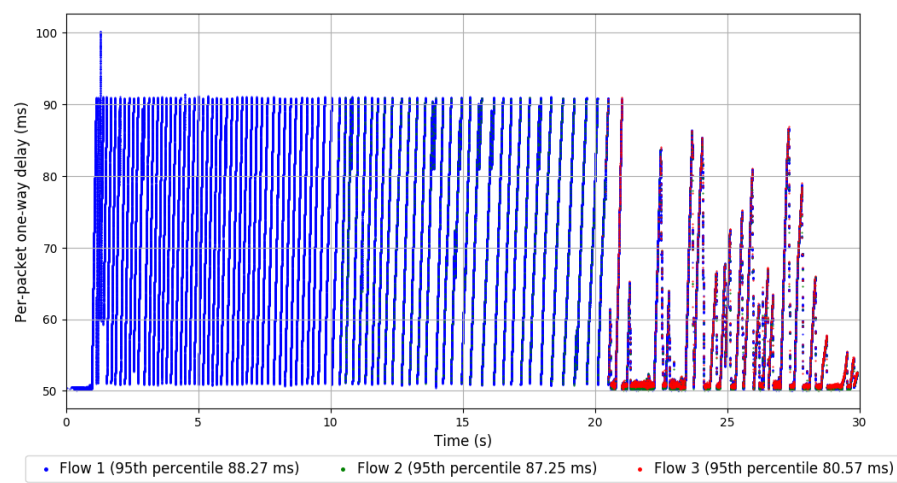
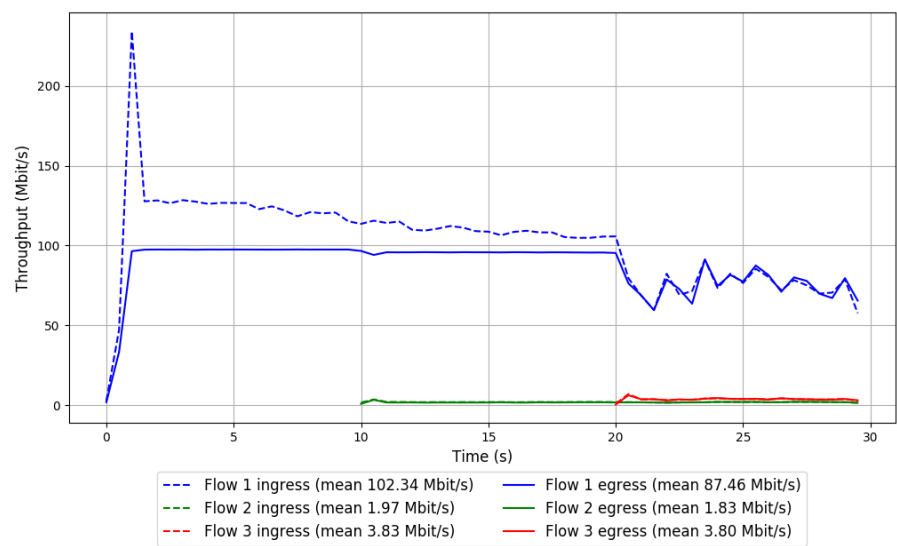


Run 10: Statistics of PCC

Start at: 2017-09-08 04:42:57
End at: 2017-09-08 04:43:27
Local clock offset: 0.181 ms
Remote clock offset: -1.273 ms

Below is generated by plot.py at 2017-09-08 05:38:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 88.223 ms
Loss rate: 14.28%
-- Flow 1:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 88.272 ms
Loss rate: 14.53%
-- Flow 2:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 87.254 ms
Loss rate: 6.98%
-- Flow 3:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 80.571 ms
Loss rate: 1.02%

Run 10: Report of PCC — Data Link

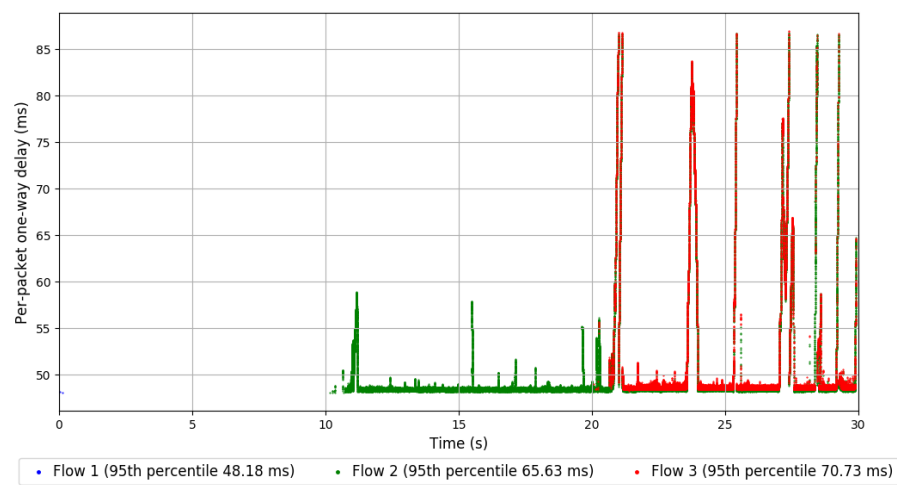
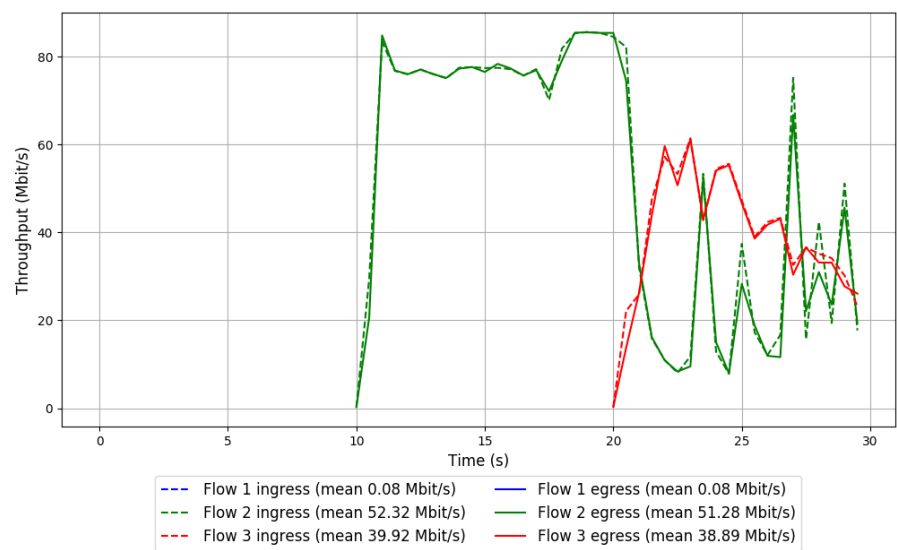


Run 1: Statistics of QUIC Cubic

Start at: 2017-09-08 01:20:31
End at: 2017-09-08 01:21:01
Local clock offset: 0.051 ms
Remote clock offset: -1.781 ms

Below is generated by plot.py at 2017-09-08 05:38:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.76 Mbit/s
95th percentile per-packet one-way delay: 66.860 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 48.177 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 51.28 Mbit/s
95th percentile per-packet one-way delay: 65.627 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 38.89 Mbit/s
95th percentile per-packet one-way delay: 70.735 ms
Loss rate: 2.43%

Run 1: Report of QUIC Cubic — Data Link

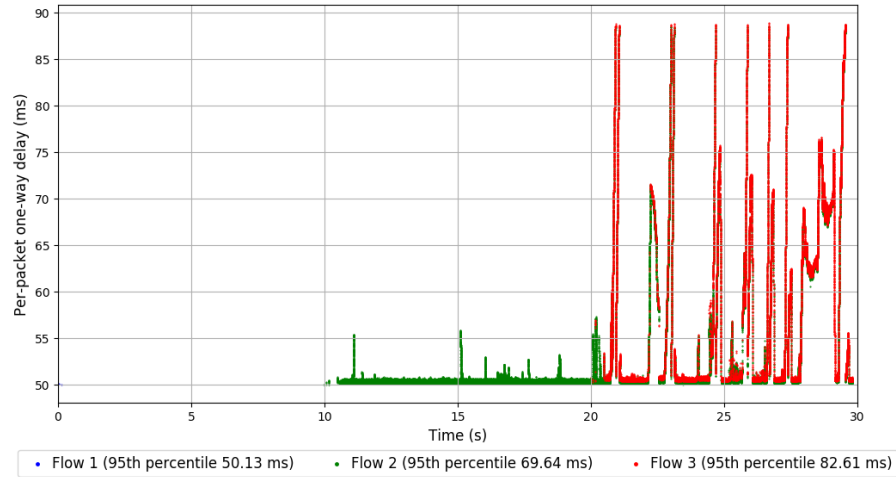
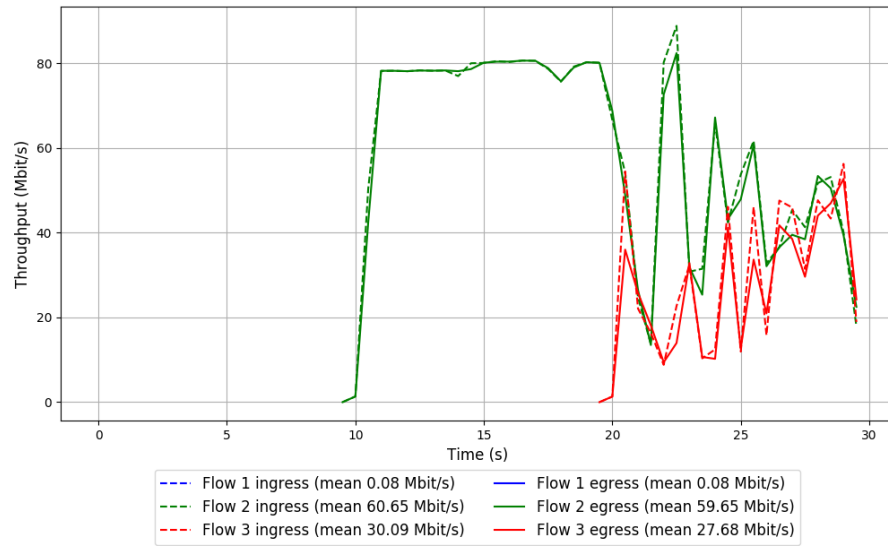


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-08 01:41:22
End at: 2017-09-08 01:41:52
Local clock offset: -0.043 ms
Remote clock offset: -0.425 ms

Below is generated by plot.py at 2017-09-08 05:38:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.89 Mbit/s
95th percentile per-packet one-way delay: 72.696 ms
Loss rate: 2.91%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 50.129 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 69.641 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 82.610 ms
Loss rate: 7.99%

Run 2: Report of QUIC Cubic — Data Link

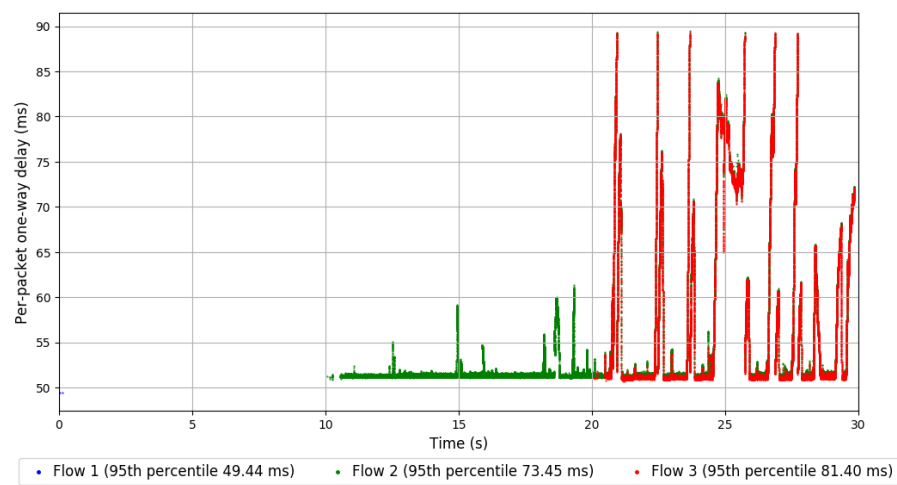
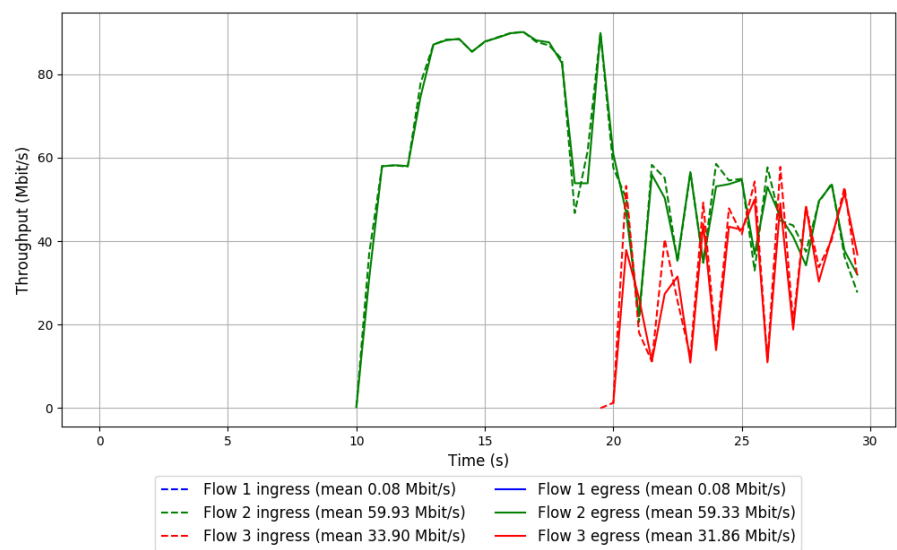


Run 3: Statistics of QUIC Cubic

Start at: 2017-09-08 02:02:14
End at: 2017-09-08 02:02:44
Local clock offset: -0.241 ms
Remote clock offset: -0.243 ms

Below is generated by plot.py at 2017-09-08 05:38:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.93 Mbit/s
95th percentile per-packet one-way delay: 77.405 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 49.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 73.451 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 31.86 Mbit/s
95th percentile per-packet one-way delay: 81.404 ms
Loss rate: 5.84%

Run 3: Report of QUIC Cubic — Data Link

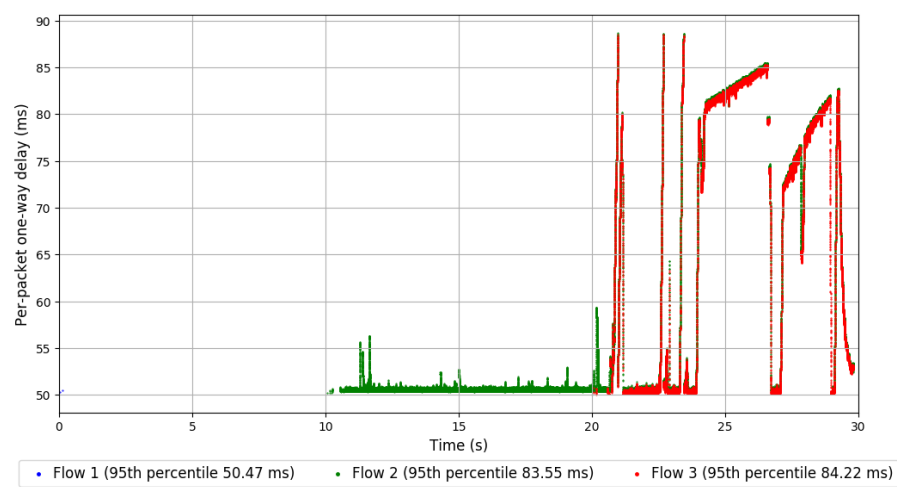
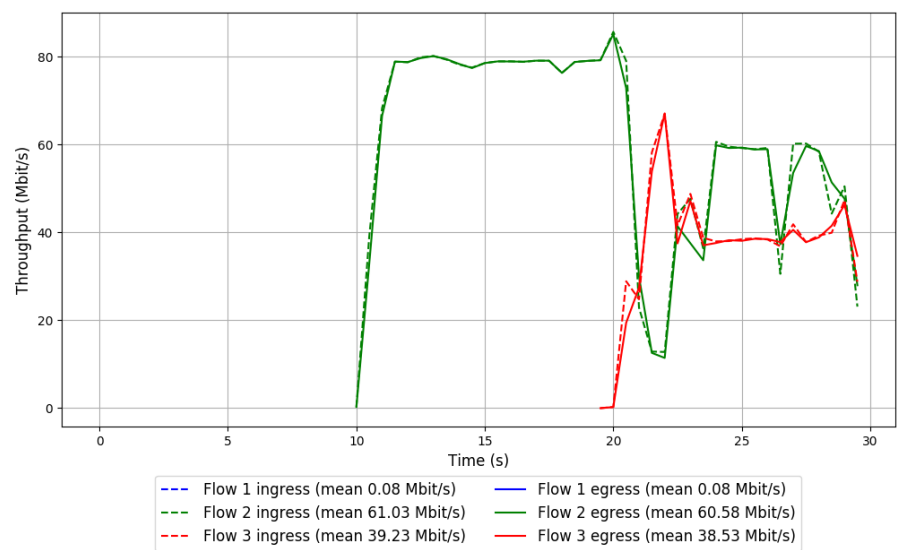


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-08 02:23:17
End at: 2017-09-08 02:23:47
Local clock offset: -0.152 ms
Remote clock offset: -0.975 ms

Below is generated by plot.py at 2017-09-08 05:38:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.94 Mbit/s
95th percentile per-packet one-way delay: 83.786 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 50.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.58 Mbit/s
95th percentile per-packet one-way delay: 83.554 ms
Loss rate: 0.72%
-- Flow 3:
Average throughput: 38.53 Mbit/s
95th percentile per-packet one-way delay: 84.216 ms
Loss rate: 1.74%

Run 4: Report of QUIC Cubic — Data Link

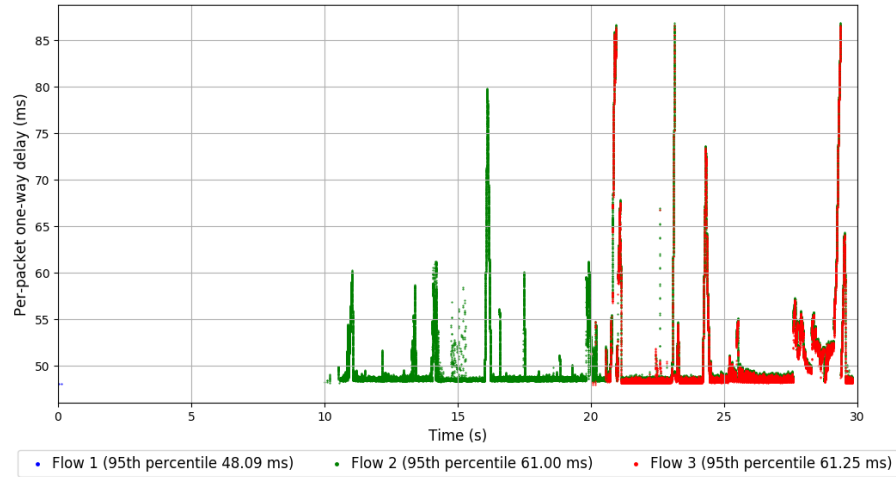
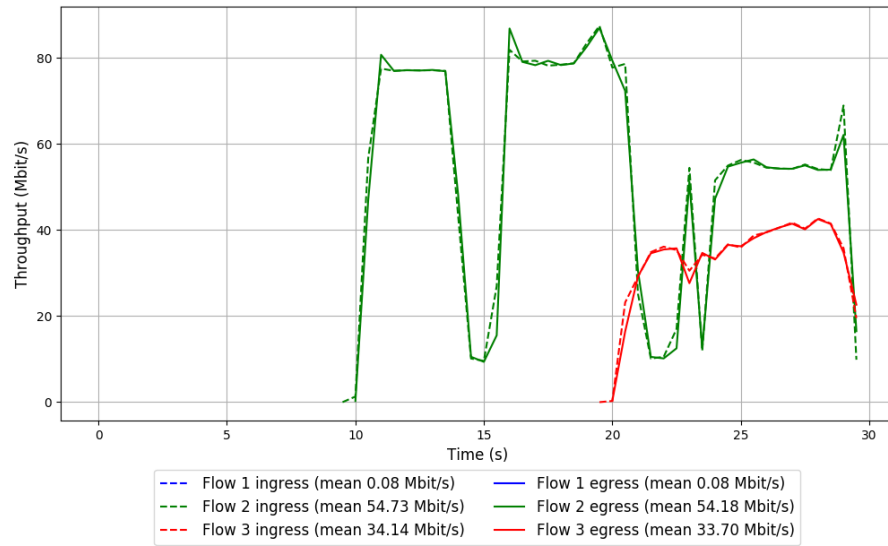


Run 5: Statistics of QUIC Cubic

Start at: 2017-09-08 02:44:11
End at: 2017-09-08 02:44:41
Local clock offset: -0.175 ms
Remote clock offset: -3.108 ms

Below is generated by plot.py at 2017-09-08 05:38:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.14 Mbit/s
95th percentile per-packet one-way delay: 61.046 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 48.089 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 54.18 Mbit/s
95th percentile per-packet one-way delay: 60.997 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 33.70 Mbit/s
95th percentile per-packet one-way delay: 61.252 ms
Loss rate: 1.32%

Run 5: Report of QUIC Cubic — Data Link

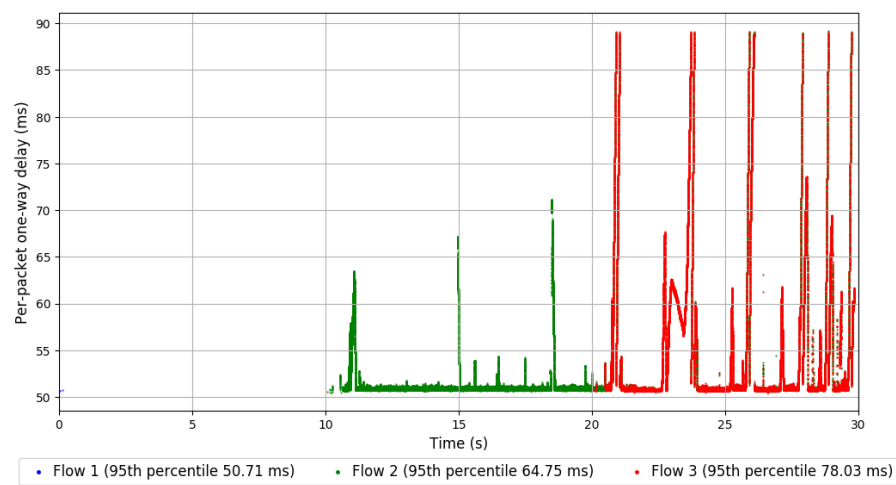
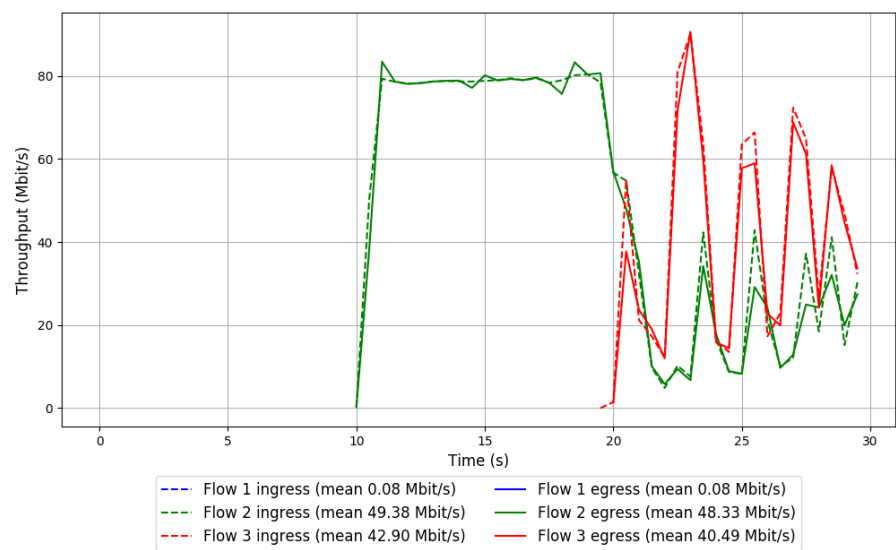


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-08 03:05:04
End at: 2017-09-08 03:05:34
Local clock offset: -0.174 ms
Remote clock offset: -0.883 ms

Below is generated by plot.py at 2017-09-08 05:38:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.47 Mbit/s
95th percentile per-packet one-way delay: 70.044 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 50.706 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.33 Mbit/s
95th percentile per-packet one-way delay: 64.747 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 78.032 ms
Loss rate: 5.51%

Run 6: Report of QUIC Cubic — Data Link

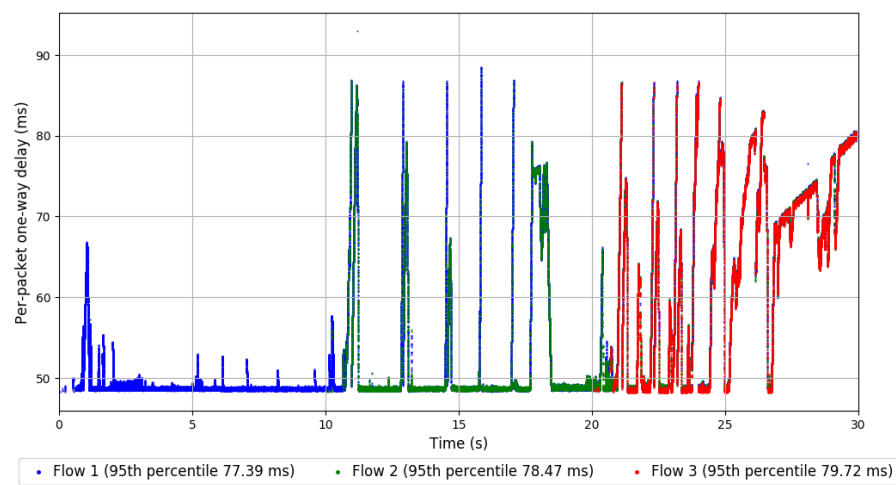
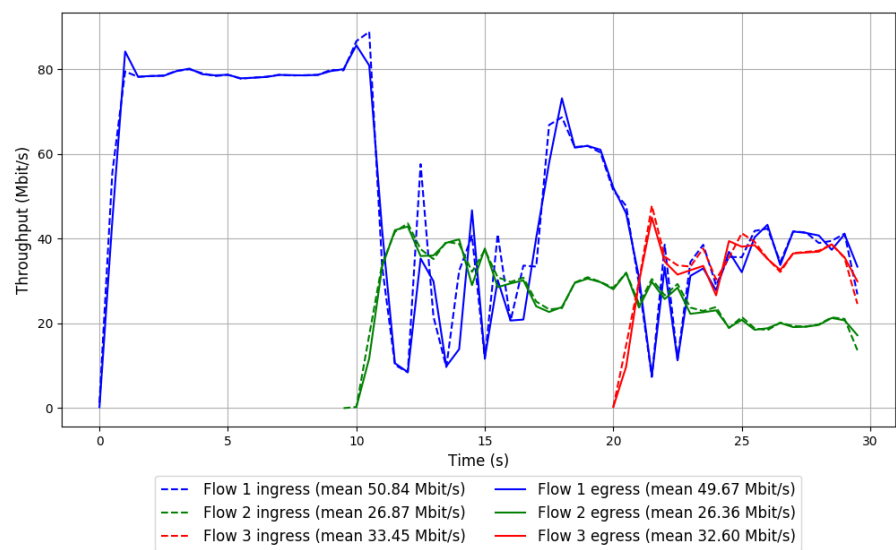


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-08 03:25:58
End at: 2017-09-08 03:26:28
Local clock offset: -0.043 ms
Remote clock offset: -3.125 ms

Below is generated by plot.py at 2017-09-08 05:38:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.96 Mbit/s
95th percentile per-packet one-way delay: 78.713 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 49.67 Mbit/s
95th percentile per-packet one-way delay: 77.394 ms
Loss rate: 2.20%
-- Flow 2:
Average throughput: 26.36 Mbit/s
95th percentile per-packet one-way delay: 78.475 ms
Loss rate: 1.75%
-- Flow 3:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 79.718 ms
Loss rate: 2.25%

Run 7: Report of QUIC Cubic — Data Link

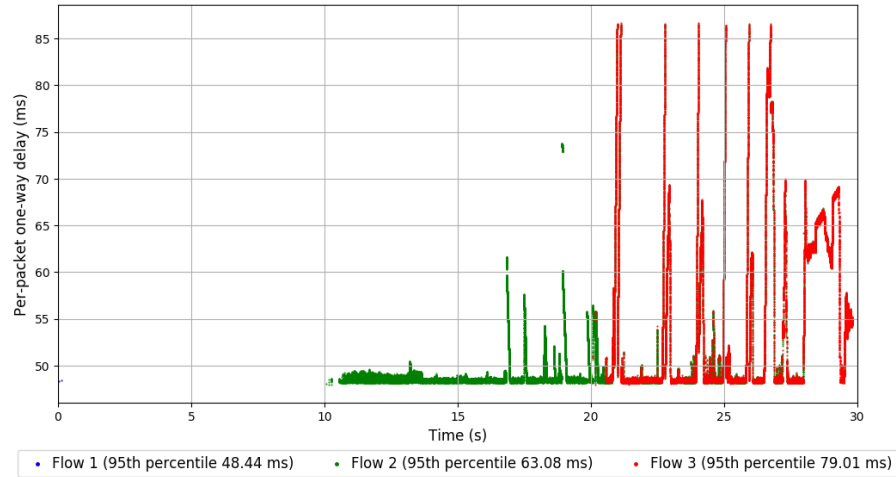
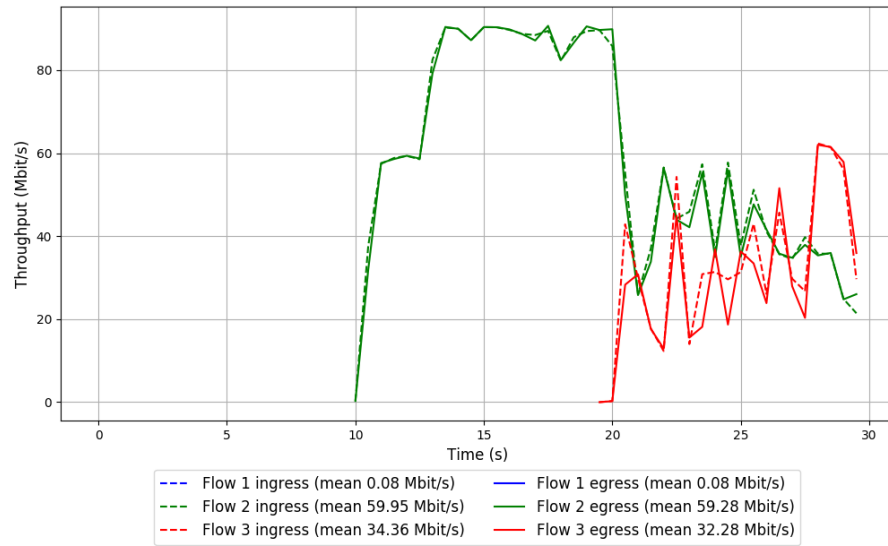


Run 8: Statistics of QUIC Cubic

Start at: 2017-09-08 03:46:50
End at: 2017-09-08 03:47:20
Local clock offset: -0.016 ms
Remote clock offset: -3.182 ms

Below is generated by plot.py at 2017-09-08 05:38:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 68.347 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 48.435 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.28 Mbit/s
95th percentile per-packet one-way delay: 63.078 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 32.28 Mbit/s
95th percentile per-packet one-way delay: 79.010 ms
Loss rate: 5.99%

Run 8: Report of QUIC Cubic — Data Link

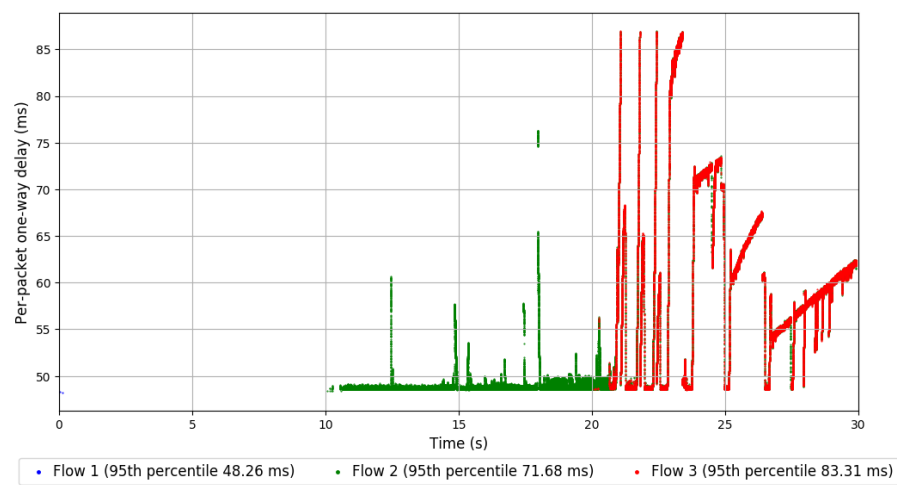
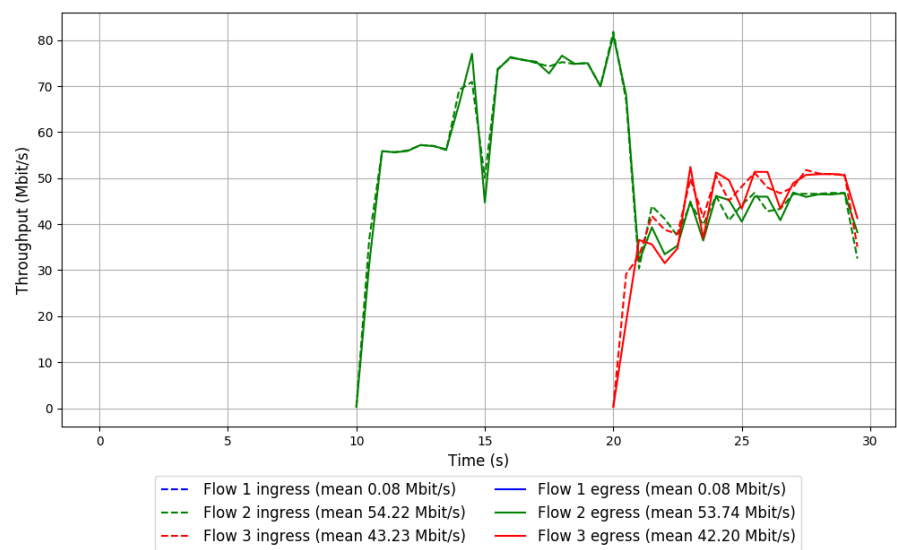


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-08 04:07:42
End at: 2017-09-08 04:08:12
Local clock offset: 0.022 ms
Remote clock offset: -3.196 ms

Below is generated by plot.py at 2017-09-08 05:39:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 72.857 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 48.263 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 71.684 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 42.20 Mbit/s
95th percentile per-packet one-way delay: 83.308 ms
Loss rate: 2.24%

Run 9: Report of QUIC Cubic — Data Link

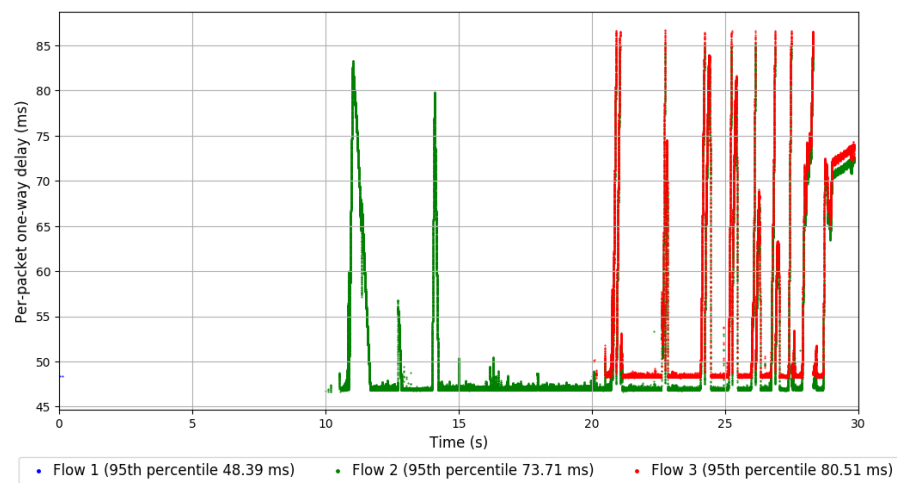
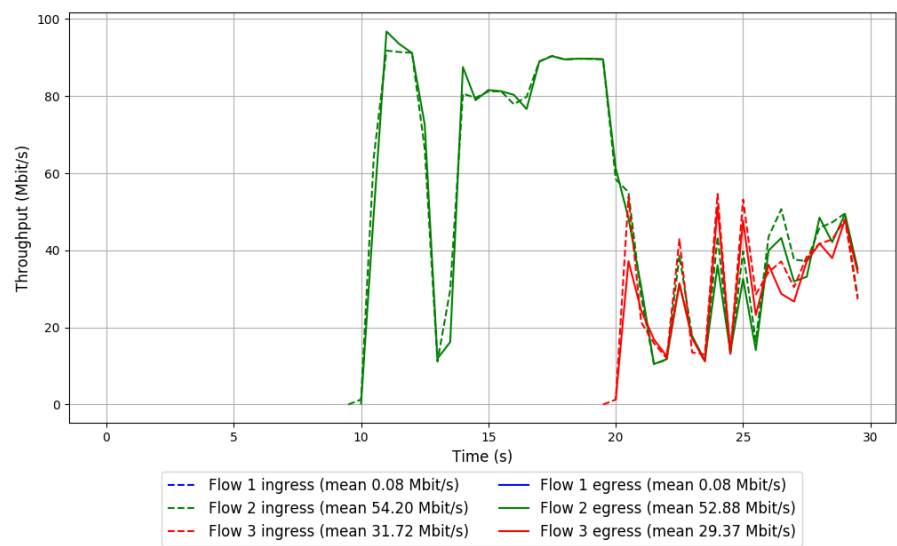


Run 10: Statistics of QUIC Cubic

Start at: 2017-09-08 04:29:03
End at: 2017-09-08 04:29:33
Local clock offset: 0.141 ms
Remote clock offset: -3.238 ms

Below is generated by plot.py at 2017-09-08 05:39:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 76.059 ms
Loss rate: 3.40%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 48.388 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.88 Mbit/s
95th percentile per-packet one-way delay: 73.708 ms
Loss rate: 2.30%
-- Flow 3:
Average throughput: 29.37 Mbit/s
95th percentile per-packet one-way delay: 80.510 ms
Loss rate: 7.18%

Run 10: Report of QUIC Cubic — Data Link

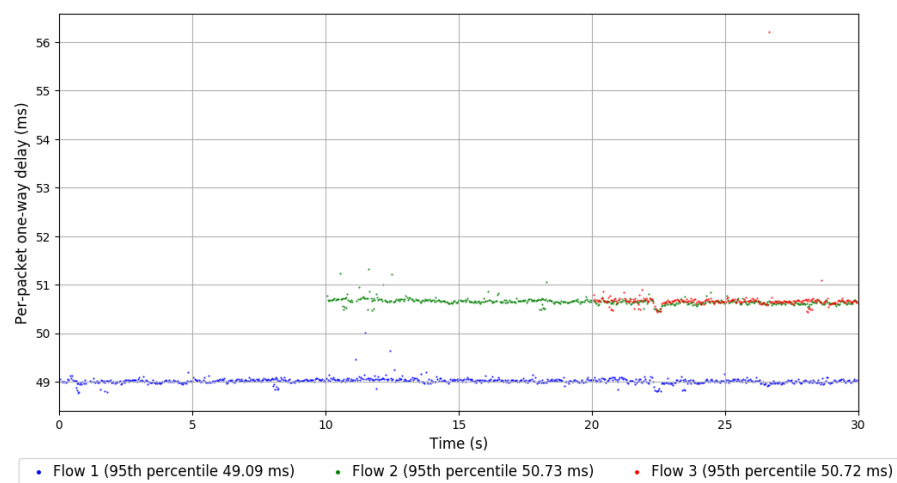
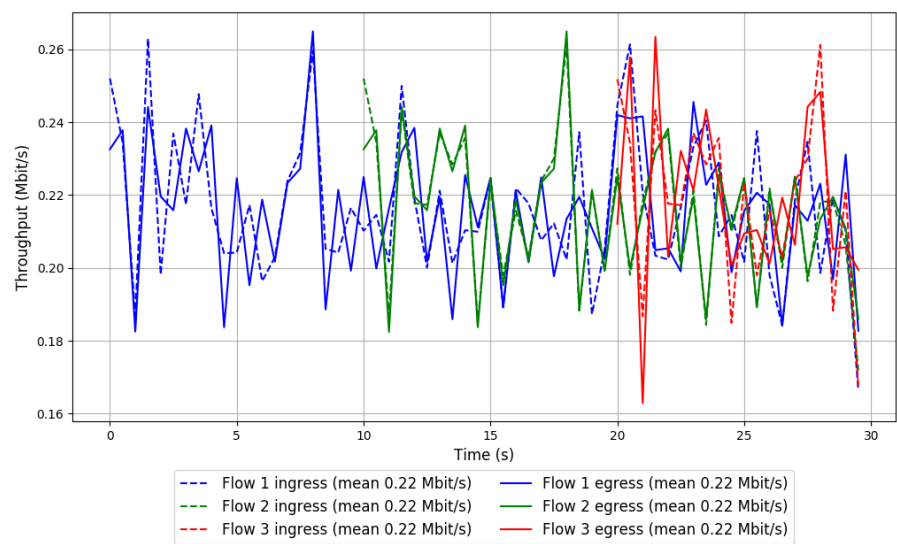


```
Run 1: Statistics of SReAM

Start at: 2017-09-08 01:28:50
End at: 2017-09-08 01:29:20
Local clock offset: -0.003 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2017-09-08 05:39:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.088 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.733 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.723 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

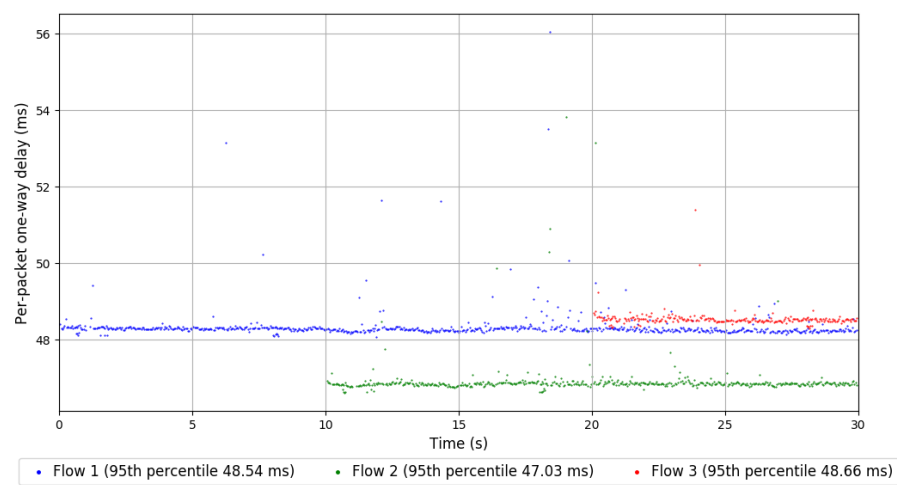
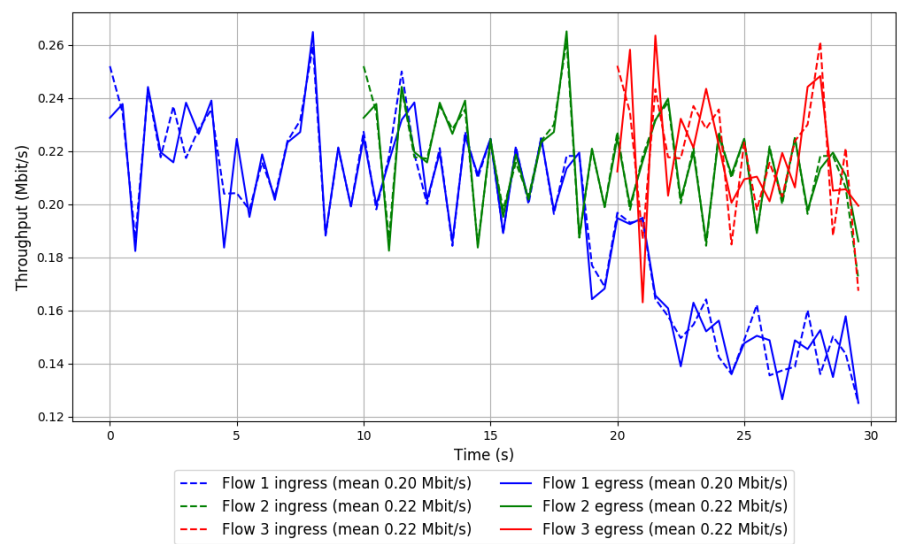


Run 2: Statistics of SReAM

Start at: 2017-09-08 01:49:43
End at: 2017-09-08 01:50:13
Local clock offset: -0.043 ms
Remote clock offset: -2.676 ms

Below is generated by plot.py at 2017-09-08 05:39:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 48.584 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.544 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.028 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.661 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

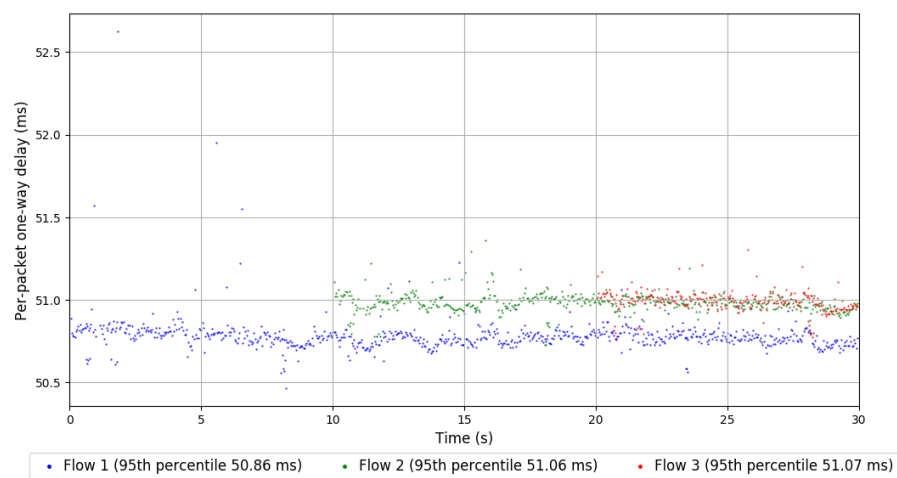
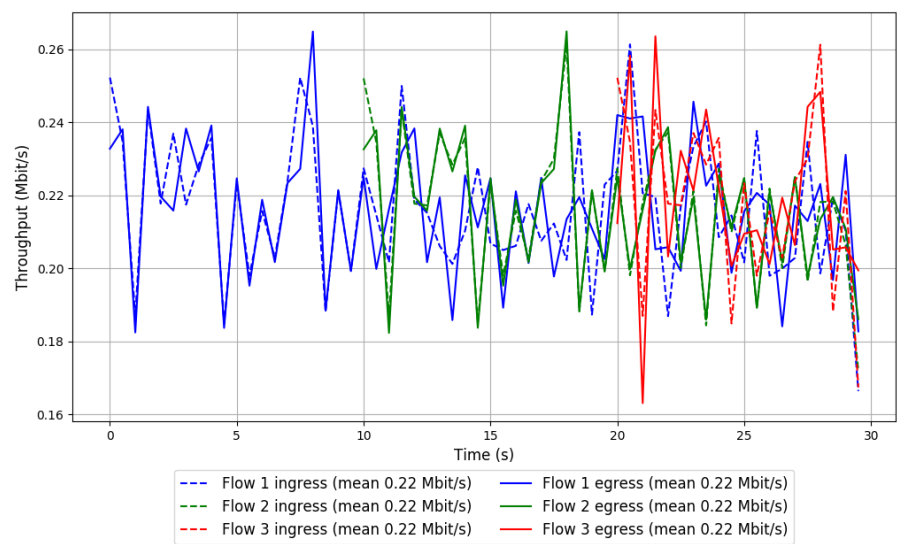


Run 3: Statistics of SReAM

Start at: 2017-09-08 02:10:45
End at: 2017-09-08 02:11:15
Local clock offset: -0.135 ms
Remote clock offset: -0.482 ms

Below is generated by plot.py at 2017-09-08 05:39:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.863 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.067 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

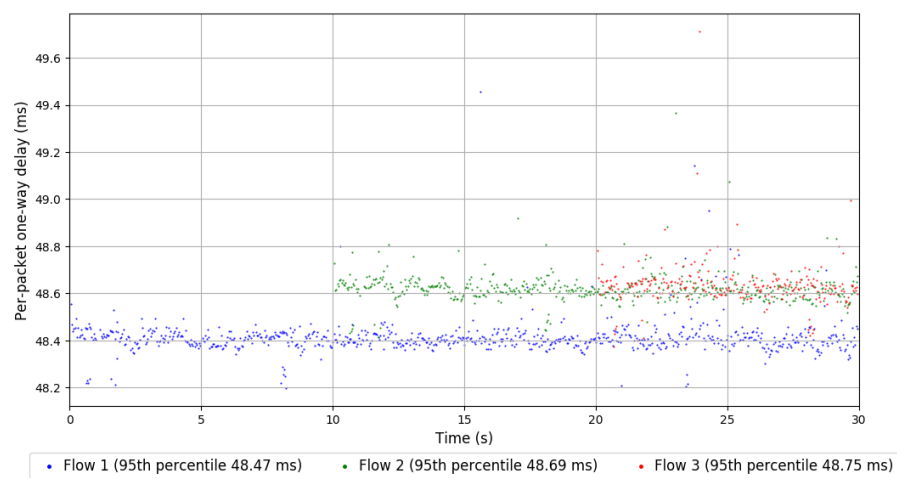
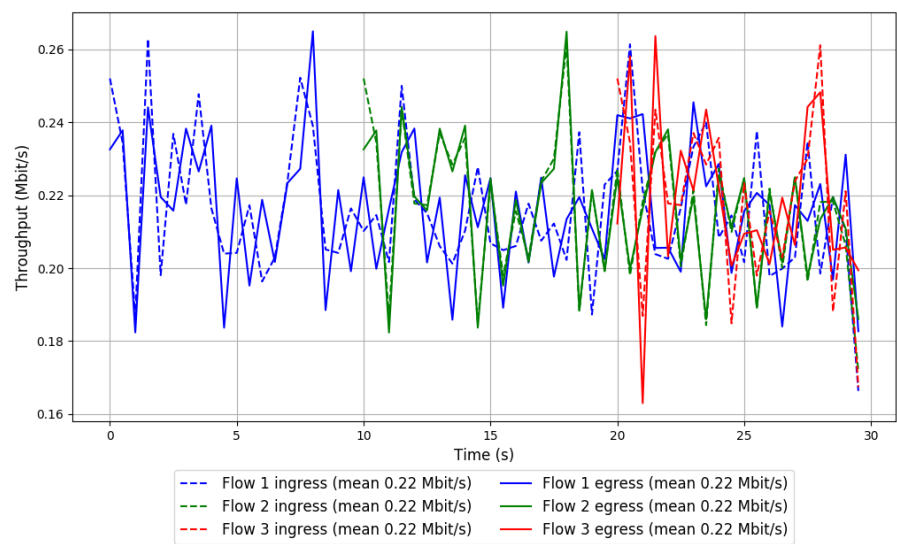


Run 4: Statistics of SReAM

Start at: 2017-09-08 02:31:37
End at: 2017-09-08 02:32:07
Local clock offset: -0.212 ms
Remote clock offset: -2.988 ms

Below is generated by plot.py at 2017-09-08 05:39:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 48.680 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.750 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

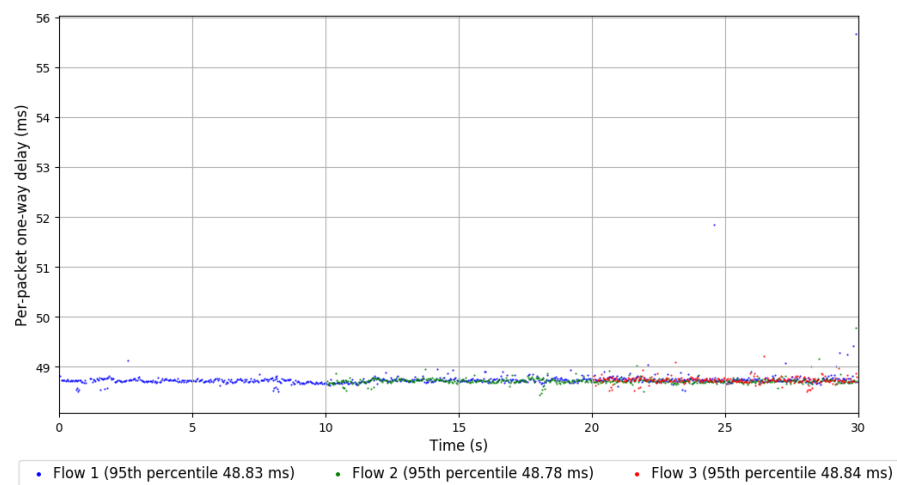
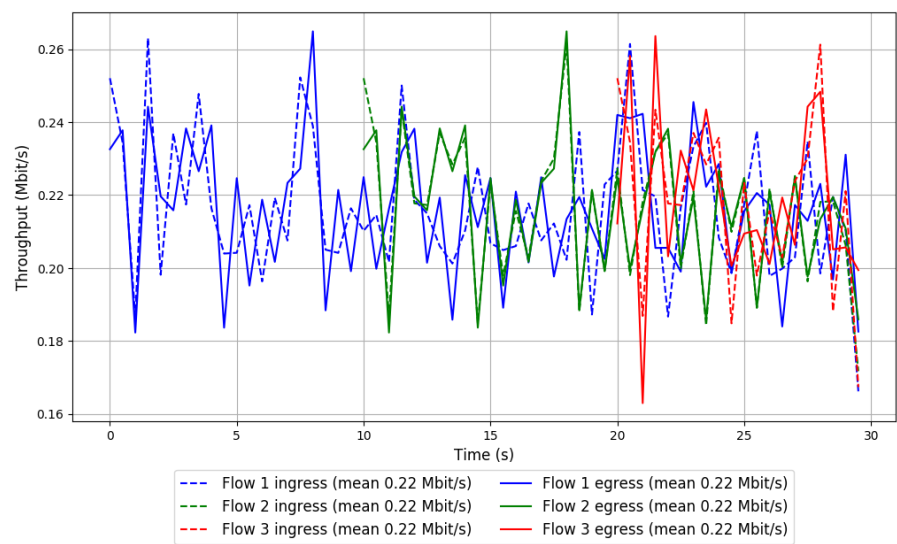


Run 5: Statistics of SReAM

Start at: 2017-09-08 02:52:31
End at: 2017-09-08 02:53:01
Local clock offset: -0.145 ms
Remote clock offset: -2.972 ms

Below is generated by plot.py at 2017-09-08 05:39:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 48.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.826 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.785 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.835 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

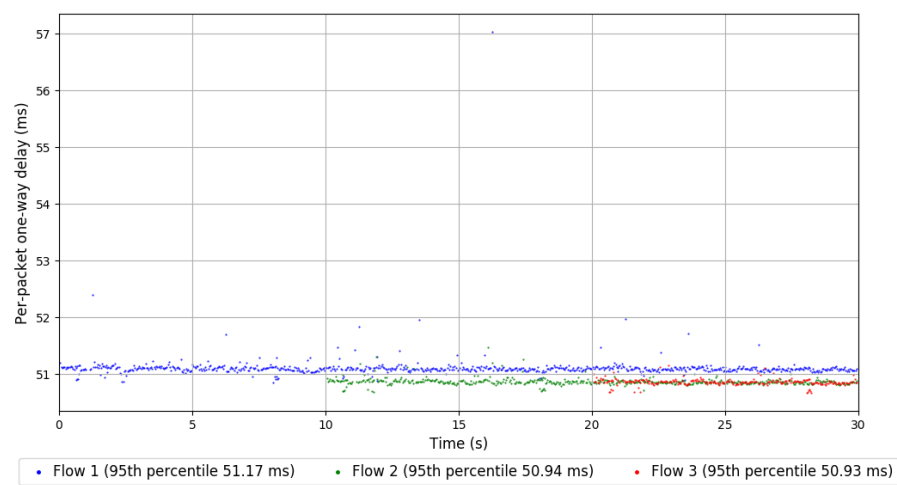
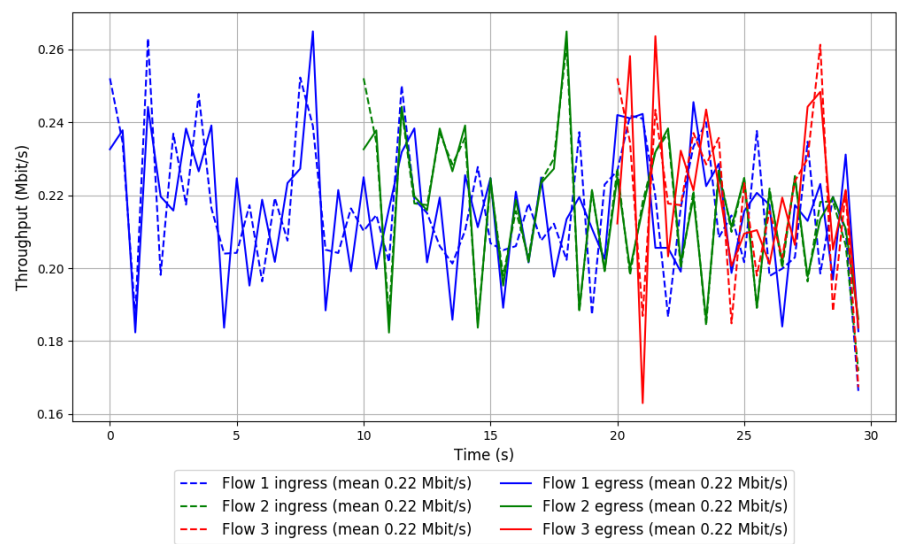


Run 6: Statistics of SReAM

Start at: 2017-09-08 03:13:25
End at: 2017-09-08 03:13:55
Local clock offset: -0.102 ms
Remote clock offset: -0.608 ms

Below is generated by plot.py at 2017-09-08 05:39:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.166 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.944 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.928 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

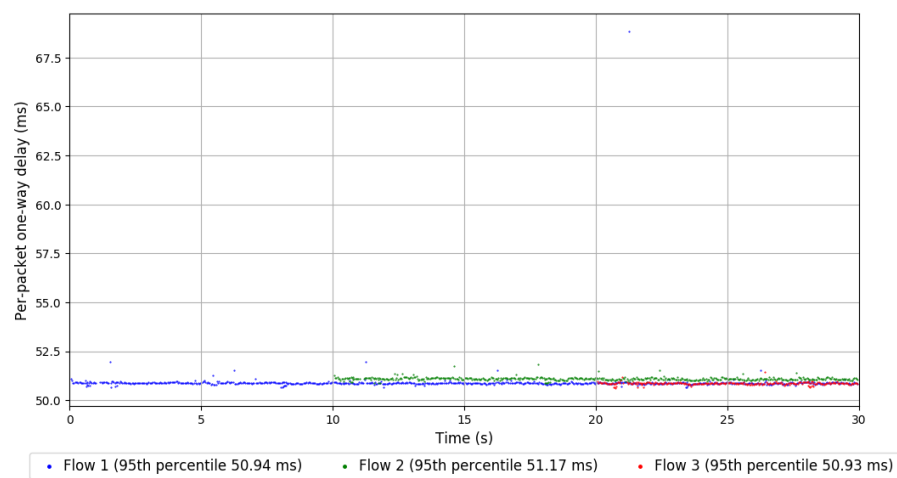
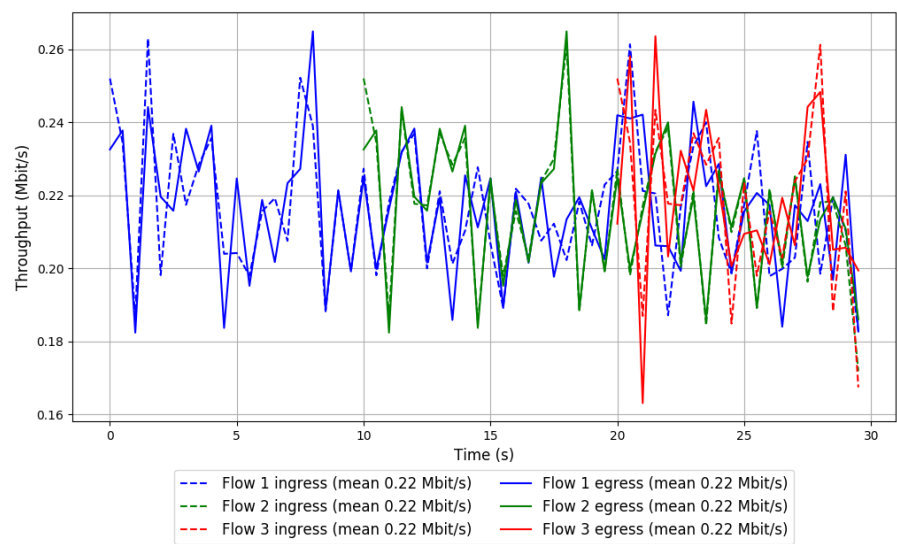


Run 7: Statistics of SReAM

Start at: 2017-09-08 03:34:19
End at: 2017-09-08 03:34:49
Local clock offset: -0.141 ms
Remote clock offset: -0.693 ms

Below is generated by plot.py at 2017-09-08 05:39:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 51.153 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.942 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.175 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.927 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

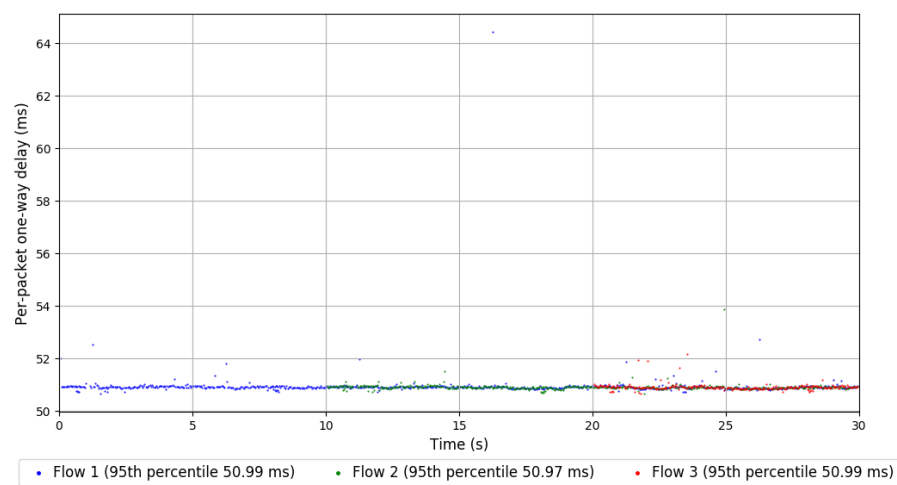
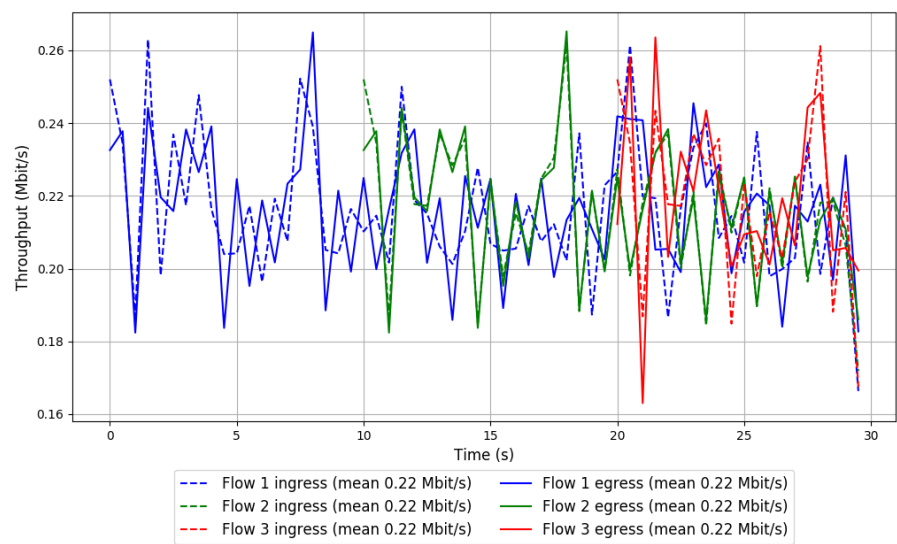


Run 8: Statistics of SReAM

Start at: 2017-09-08 03:55:07
End at: 2017-09-08 03:55:37
Local clock offset: 0.021 ms
Remote clock offset: -0.664 ms

Below is generated by plot.py at 2017-09-08 05:39:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 50.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.990 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.974 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.991 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

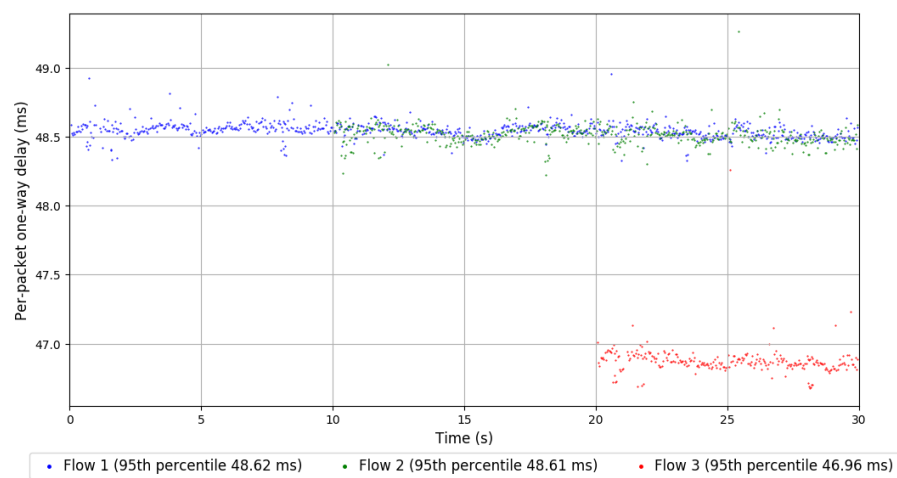
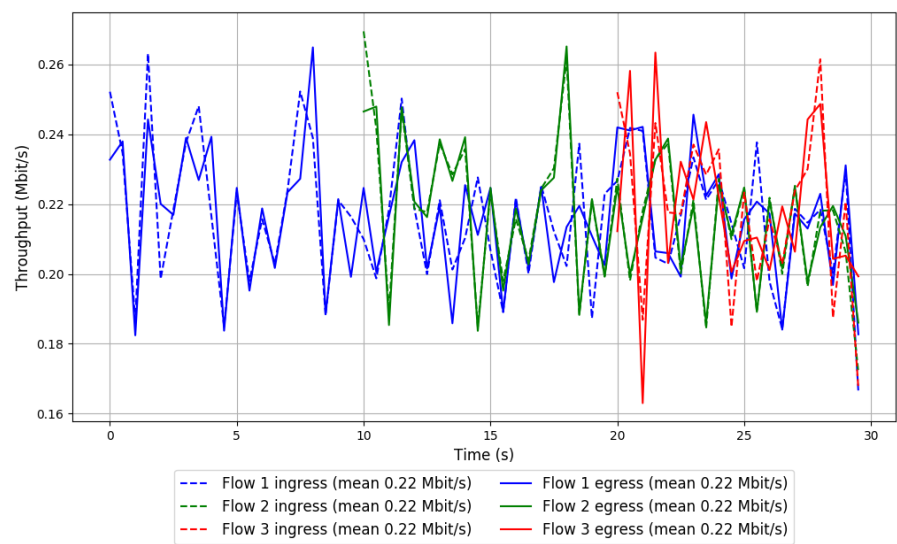


Run 9: Statistics of SReAM

Start at: 2017-09-08 04:16:10
End at: 2017-09-08 04:16:40
Local clock offset: 0.072 ms
Remote clock offset: -3.393 ms

Below is generated by plot.py at 2017-09-08 05:39:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 48.611 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.610 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 46.957 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

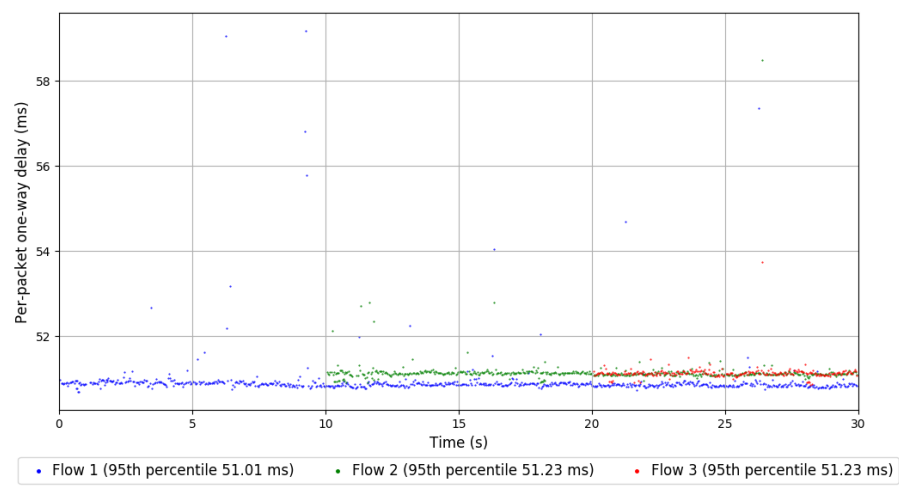
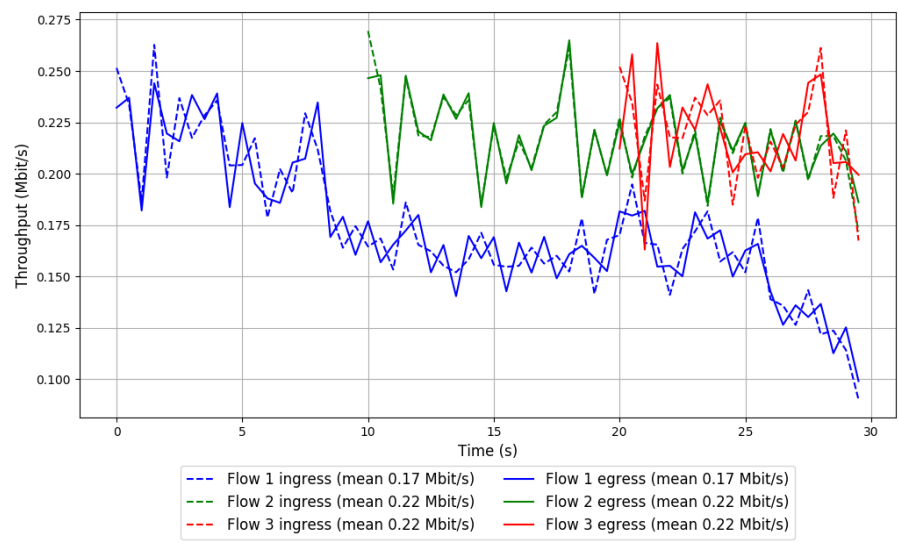


Run 10: Statistics of SReAM

Start at: 2017-09-08 04:37:20
End at: 2017-09-08 04:37:50
Local clock offset: 0.067 ms
Remote clock offset: -0.867 ms

Below is generated by plot.py at 2017-09-08 05:39:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 51.199 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 51.007 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.234 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.226 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2017-09-08 01:35:50

End at: 2017-09-08 01:36:20

Local clock offset: -0.055 ms

Remote clock offset: 0.366 ms

Below is generated by plot.py at 2017-09-08 05:39:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 22.44 Mbit/s

95th percentile per-packet one-way delay: 55.748 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 11.28 Mbit/s

95th percentile per-packet one-way delay: 55.715 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 11.41 Mbit/s

95th percentile per-packet one-way delay: 55.242 ms

Loss rate: 0.00%

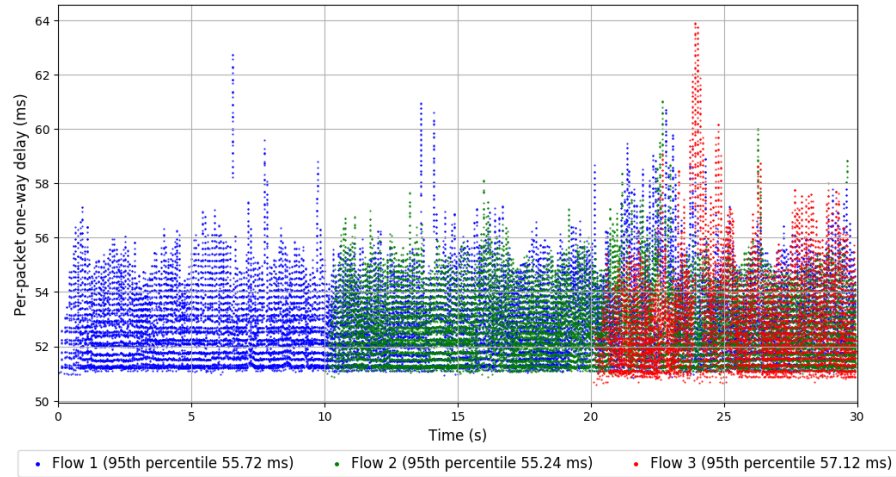
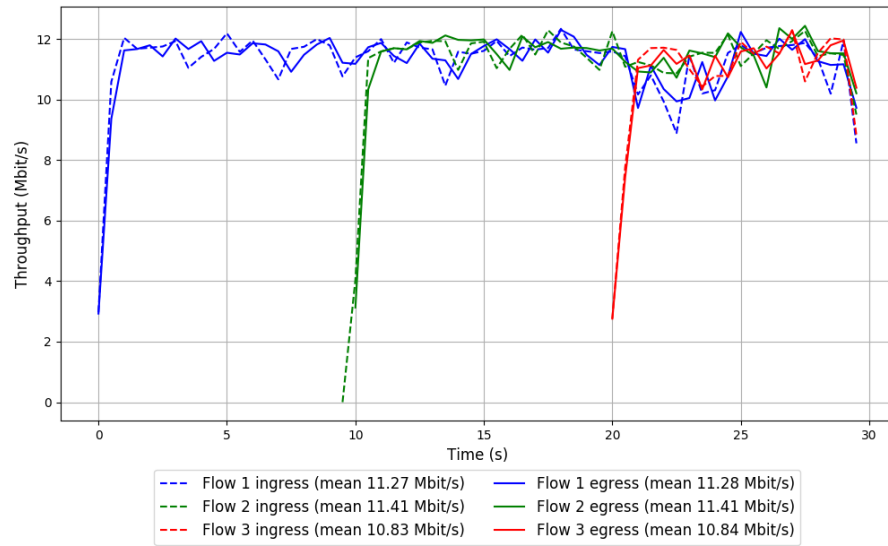
-- Flow 3:

Average throughput: 10.84 Mbit/s

95th percentile per-packet one-way delay: 57.120 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

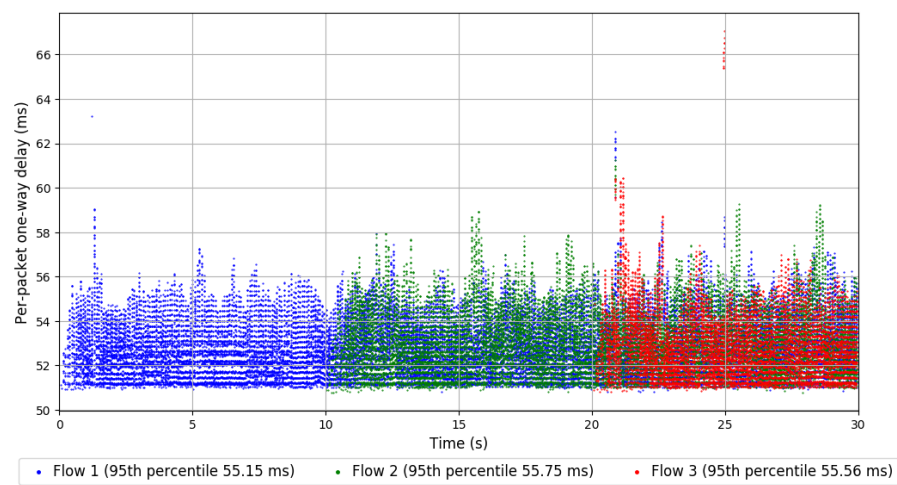
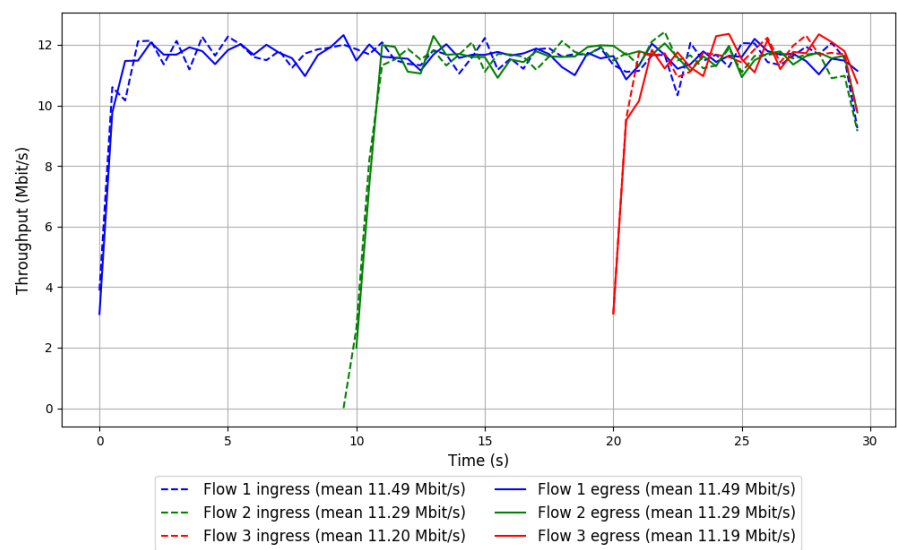


Run 2: Statistics of Sprout

Start at: 2017-09-08 01:56:45
End at: 2017-09-08 01:57:15
Local clock offset: -0.078 ms
Remote clock offset: -0.156 ms

Below is generated by plot.py at 2017-09-08 05:39:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.70 Mbit/s
95th percentile per-packet one-way delay: 55.412 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 55.152 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.29 Mbit/s
95th percentile per-packet one-way delay: 55.747 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 55.558 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

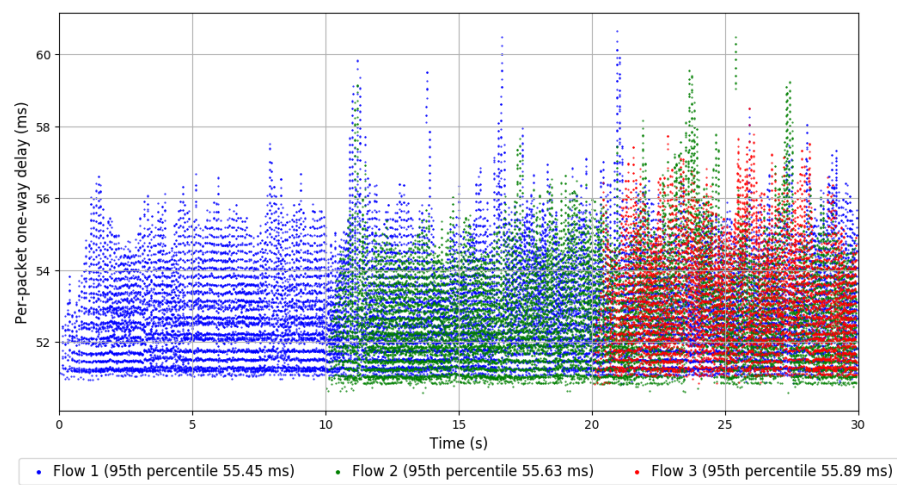
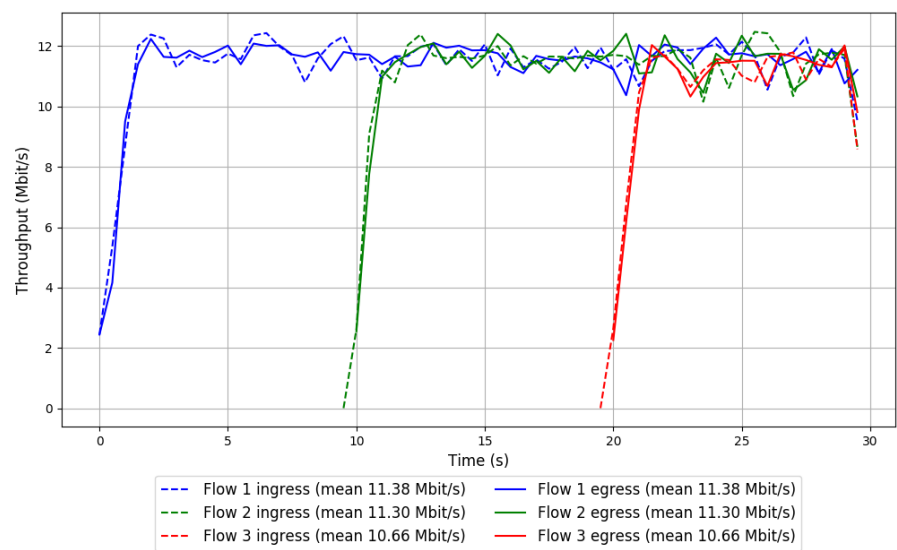


Run 3: Statistics of Sprout

Start at: 2017-09-08 02:17:46
End at: 2017-09-08 02:18:16
Local clock offset: -0.234 ms
Remote clock offset: -0.425 ms

```
# Below is generated by plot.py at 2017-09-08 05:39:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.42 Mbit/s
95th percentile per-packet one-way delay: 55.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 55.445 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 55.635 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.66 Mbit/s
95th percentile per-packet one-way delay: 55.892 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

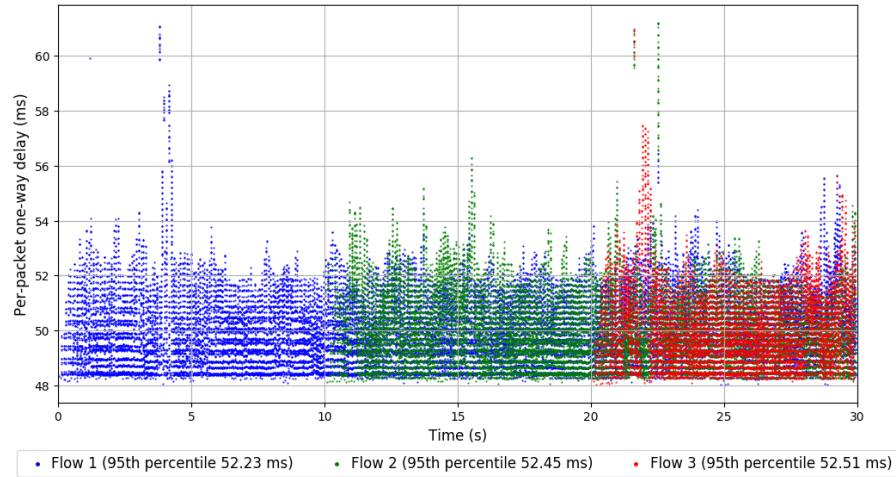
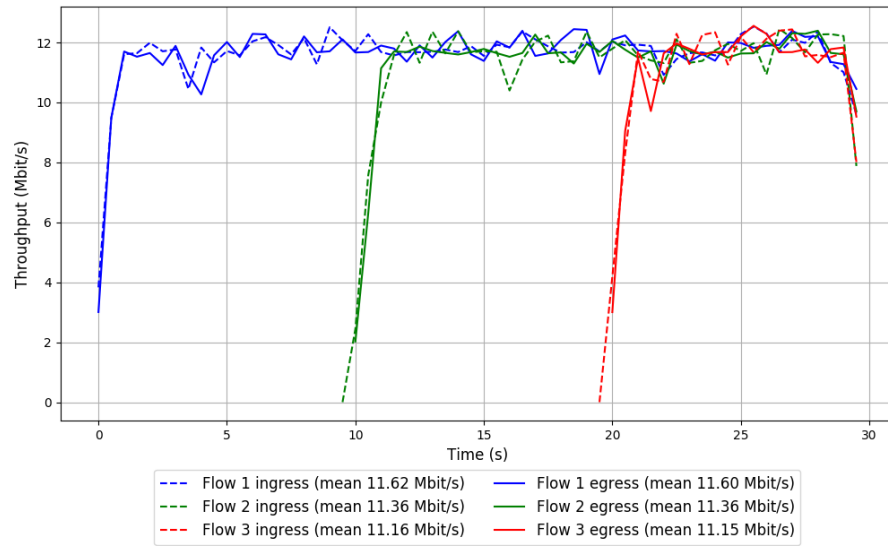


Run 4: Statistics of Sprout

Start at: 2017-09-08 02:38:39
End at: 2017-09-08 02:39:09
Local clock offset: -0.211 ms
Remote clock offset: -3.043 ms

```
# Below is generated by plot.py at 2017-09-08 05:39:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 22.84 Mbit/s
95th percentile per-packet one-way delay: 52.355 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 11.60 Mbit/s
95th percentile per-packet one-way delay: 52.234 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 52.455 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 52.511 ms
Loss rate: 0.00%
```


Run 4: Report of Sprout — Data Link

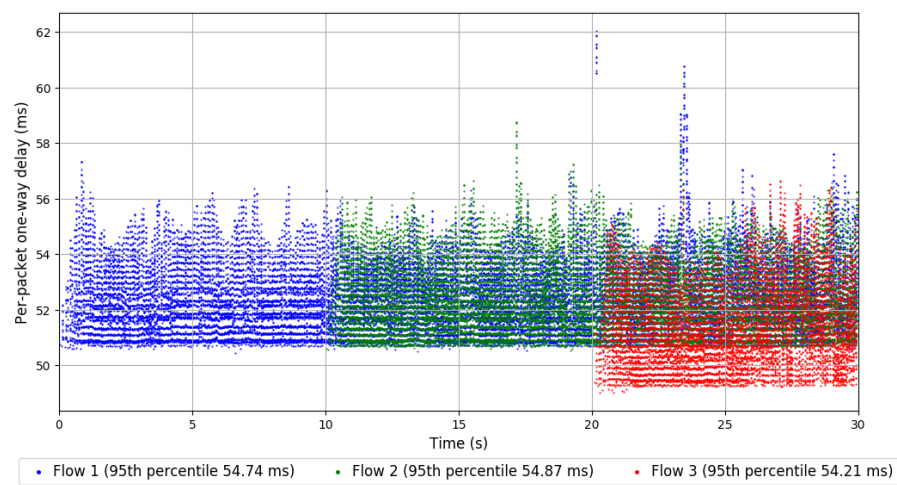
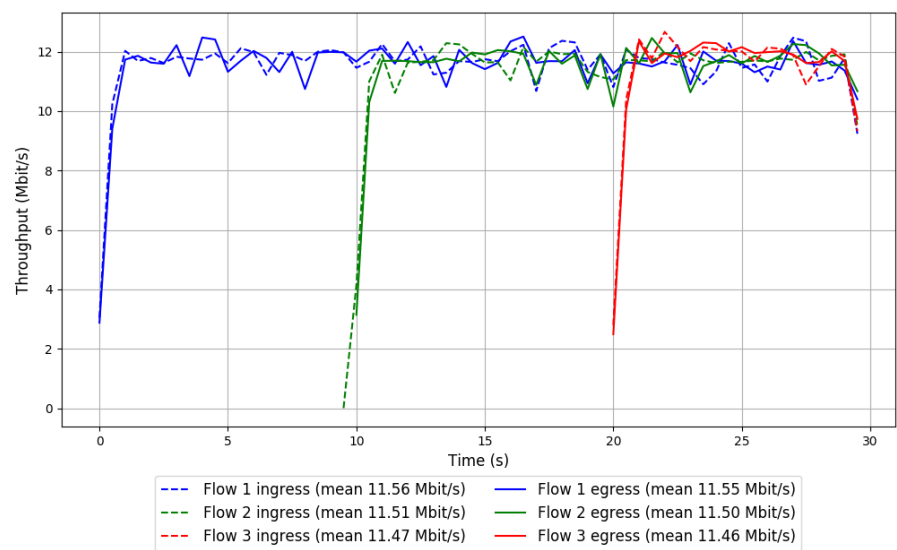


Run 5: Statistics of Sprout

Start at: 2017-09-08 02:59:31
End at: 2017-09-08 03:00:01
Local clock offset: -0.042 ms
Remote clock offset: -0.559 ms

Below is generated by plot.py at 2017-09-08 05:39:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.98 Mbit/s
95th percentile per-packet one-way delay: 54.748 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 54.740 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 11.50 Mbit/s
95th percentile per-packet one-way delay: 54.867 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 54.211 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

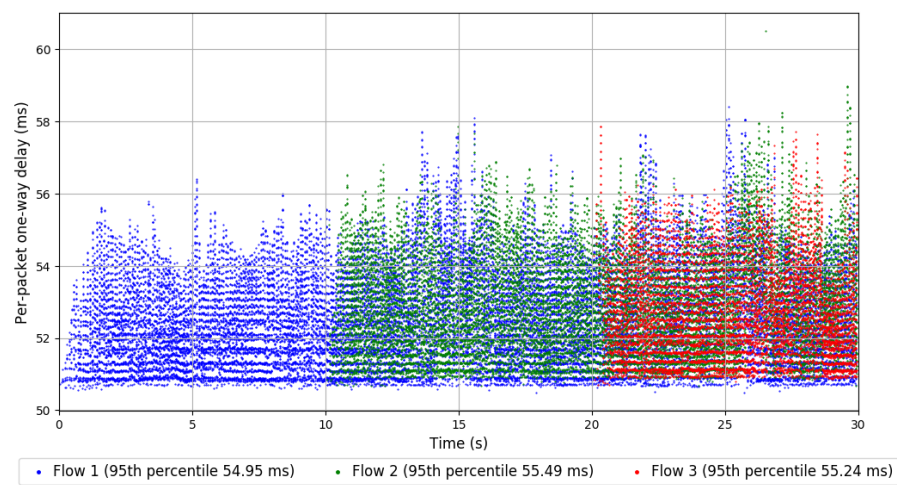
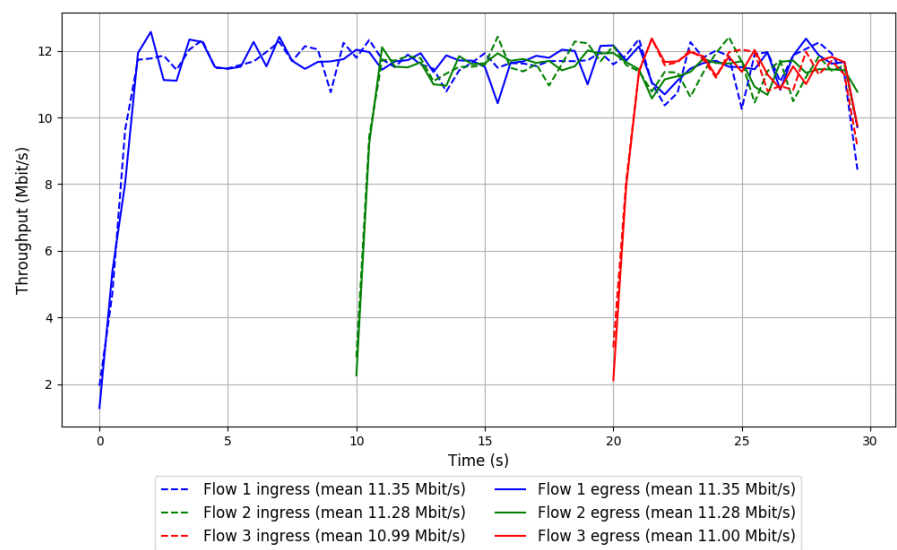


Run 6: Statistics of Sprout

Start at: 2017-09-08 03:20:26
End at: 2017-09-08 03:20:56
Local clock offset: -0.088 ms
Remote clock offset: -0.682 ms

Below is generated by plot.py at 2017-09-08 05:39:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 55.216 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 54.948 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 11.28 Mbit/s
95th percentile per-packet one-way delay: 55.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.00 Mbit/s
95th percentile per-packet one-way delay: 55.244 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

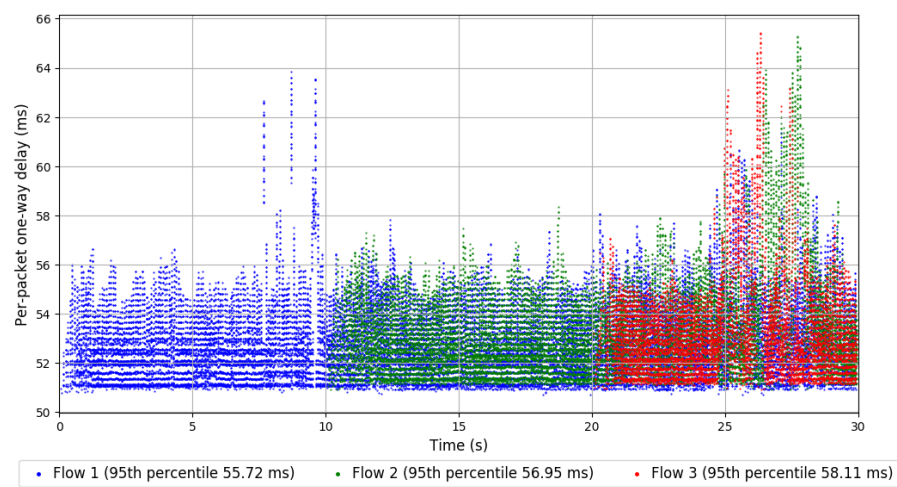
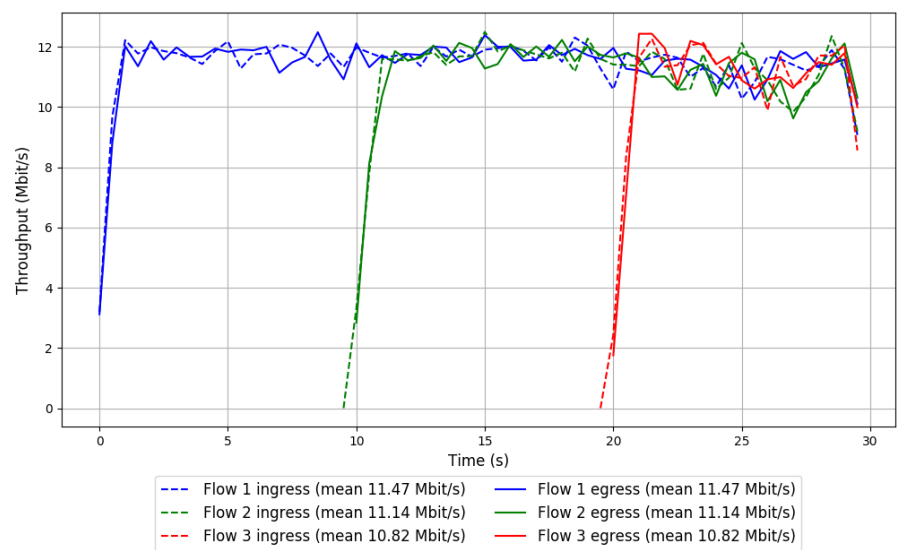


Run 7: Statistics of Sprout

Start at: 2017-09-08 03:41:19
End at: 2017-09-08 03:41:49
Local clock offset: -0.117 ms
Remote clock offset: -0.502 ms

Below is generated by plot.py at 2017-09-08 05:39:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: 56.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.47 Mbit/s
95th percentile per-packet one-way delay: 55.715 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.14 Mbit/s
95th percentile per-packet one-way delay: 56.951 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.82 Mbit/s
95th percentile per-packet one-way delay: 58.111 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

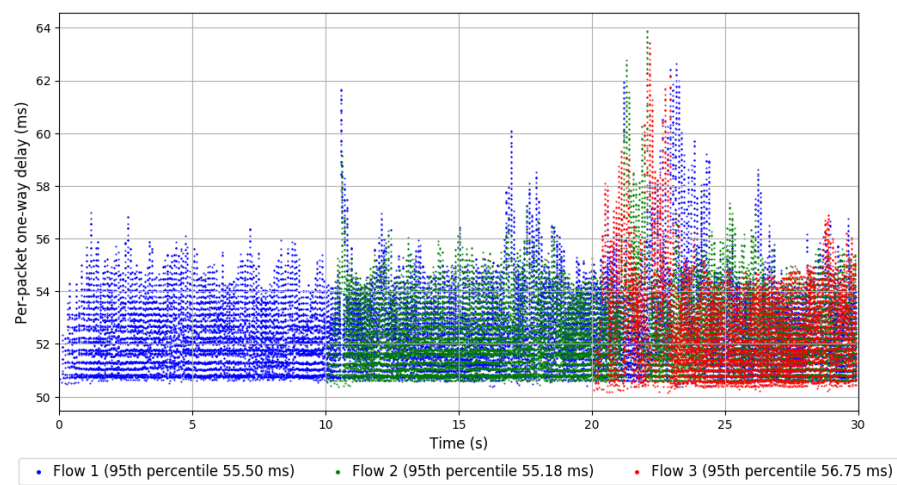
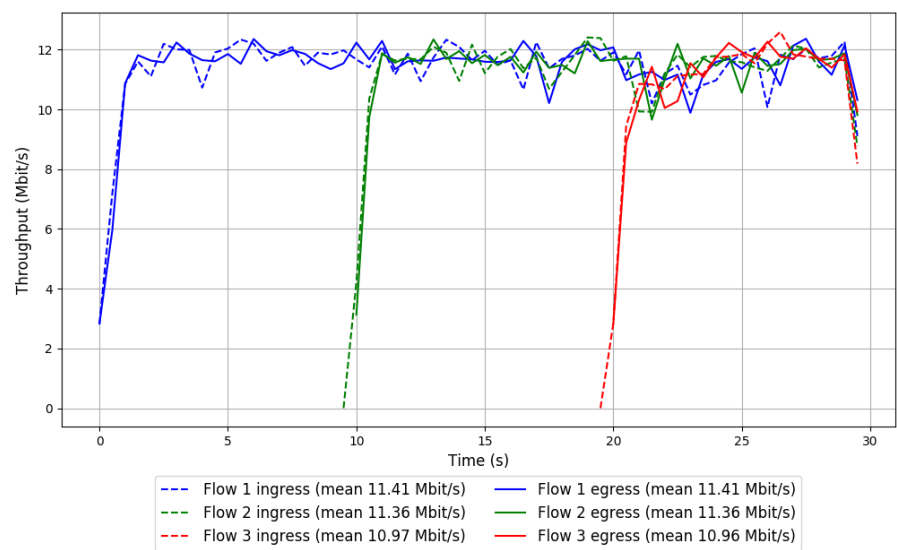


Run 8: Statistics of Sprout

Start at: 2017-09-08 04:02:09
End at: 2017-09-08 04:02:39
Local clock offset: -0.024 ms
Remote clock offset: -1.188 ms

Below is generated by plot.py at 2017-09-08 05:39:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.60 Mbit/s
95th percentile per-packet one-way delay: 55.553 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 55.504 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 55.177 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 56.754 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-09-08 04:23:27

End at: 2017-09-08 04:23:57

Local clock offset: 0.071 ms

Remote clock offset: -3.37 ms

Below is generated by plot.py at 2017-09-08 05:39:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 22.62 Mbit/s

95th percentile per-packet one-way delay: 53.078 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 11.56 Mbit/s

95th percentile per-packet one-way delay: 52.816 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 11.35 Mbit/s

95th percentile per-packet one-way delay: 53.049 ms

Loss rate: 0.00%

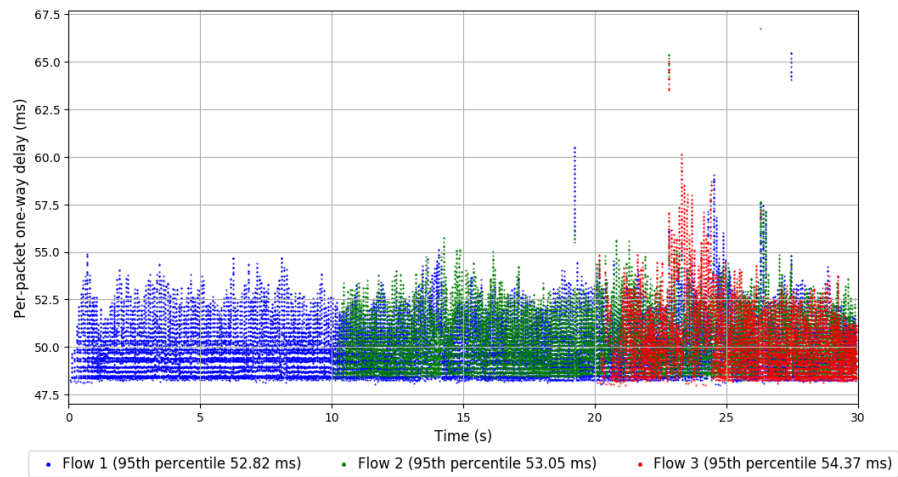
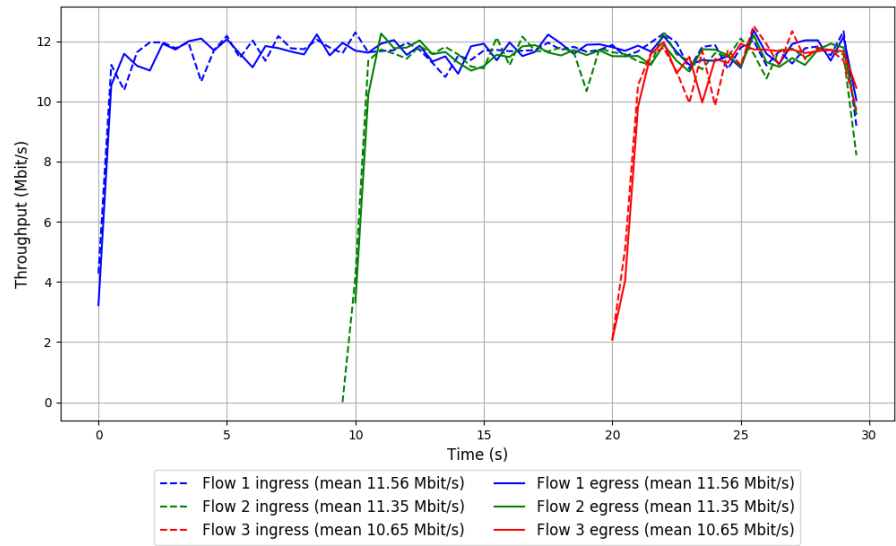
-- Flow 3:

Average throughput: 10.65 Mbit/s

95th percentile per-packet one-way delay: 54.365 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

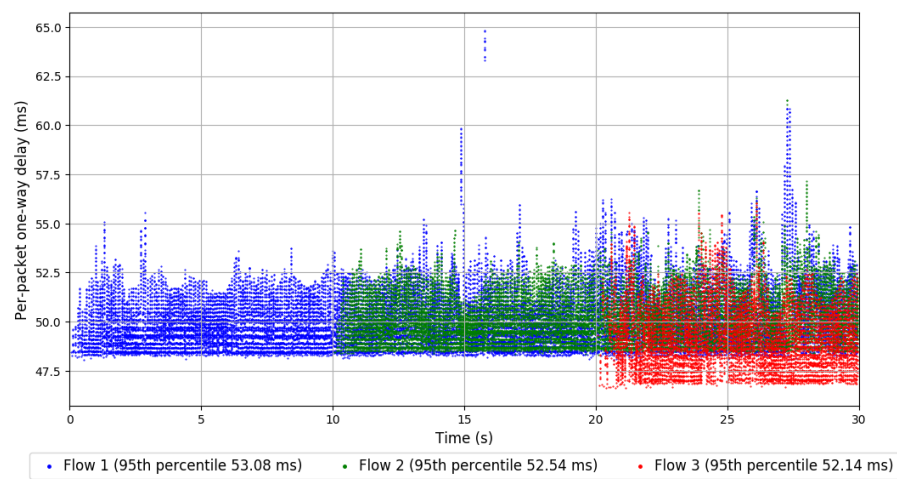
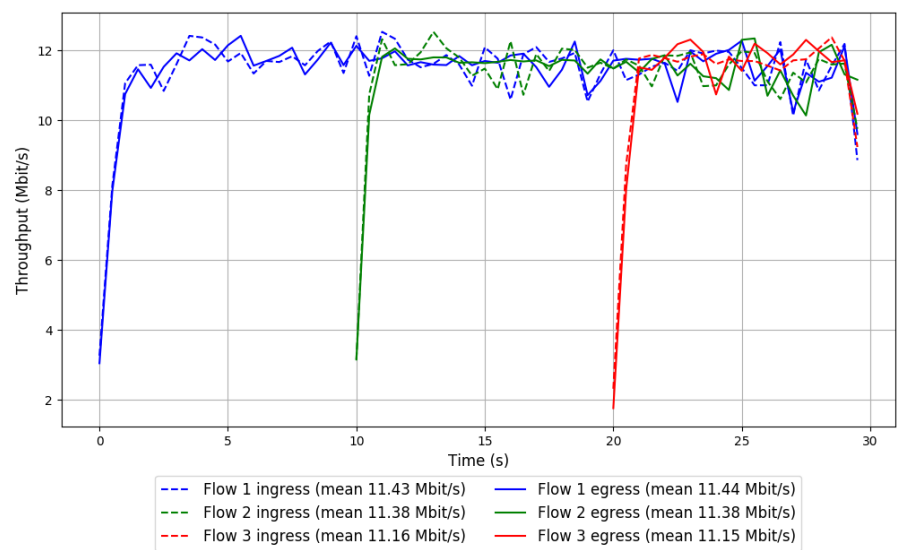


Run 10: Statistics of Sprout

Start at: 2017-09-08 04:44:20
End at: 2017-09-08 04:44:50
Local clock offset: 0.194 ms
Remote clock offset: -3.345 ms

Below is generated by plot.py at 2017-09-08 05:39:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.68 Mbit/s
95th percentile per-packet one-way delay: 52.751 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 11.44 Mbit/s
95th percentile per-packet one-way delay: 53.082 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 11.38 Mbit/s
95th percentile per-packet one-way delay: 52.536 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.15 Mbit/s
95th percentile per-packet one-way delay: 52.143 ms
Loss rate: 0.01%

Run 10: Report of Sprout — Data Link

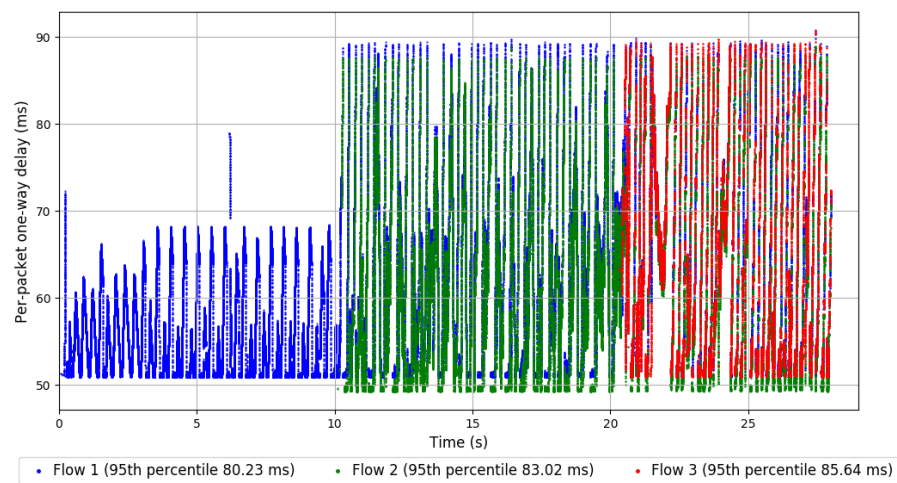
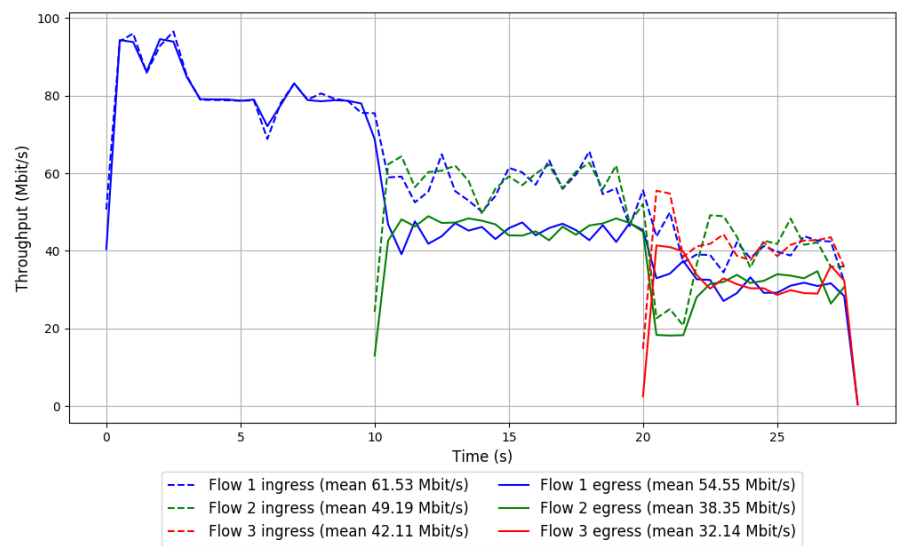


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-08 01:32:59
End at: 2017-09-08 01:33:29
Local clock offset: -0.041 ms
Remote clock offset: 0.278 ms

# Below is generated by plot.py at 2017-09-08 05:39:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.05 Mbit/s
95th percentile per-packet one-way delay: 82.341 ms
Loss rate: 15.87%
-- Flow 1:
Average throughput: 54.55 Mbit/s
95th percentile per-packet one-way delay: 80.228 ms
Loss rate: 11.28%
-- Flow 2:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 83.016 ms
Loss rate: 21.94%
-- Flow 3:
Average throughput: 32.14 Mbit/s
95th percentile per-packet one-way delay: 85.639 ms
Loss rate: 23.68%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-08 01:53:53

End at: 2017-09-08 01:54:23

Local clock offset: -0.178 ms

Remote clock offset: -2.64 ms

Below is generated by plot.py at 2017-09-08 05:39:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.26 Mbit/s

95th percentile per-packet one-way delay: 80.204 ms

Loss rate: 16.93%

-- Flow 1:

Average throughput: 55.24 Mbit/s

95th percentile per-packet one-way delay: 77.937 ms

Loss rate: 11.52%

-- Flow 2:

Average throughput: 38.28 Mbit/s

95th percentile per-packet one-way delay: 82.244 ms

Loss rate: 23.73%

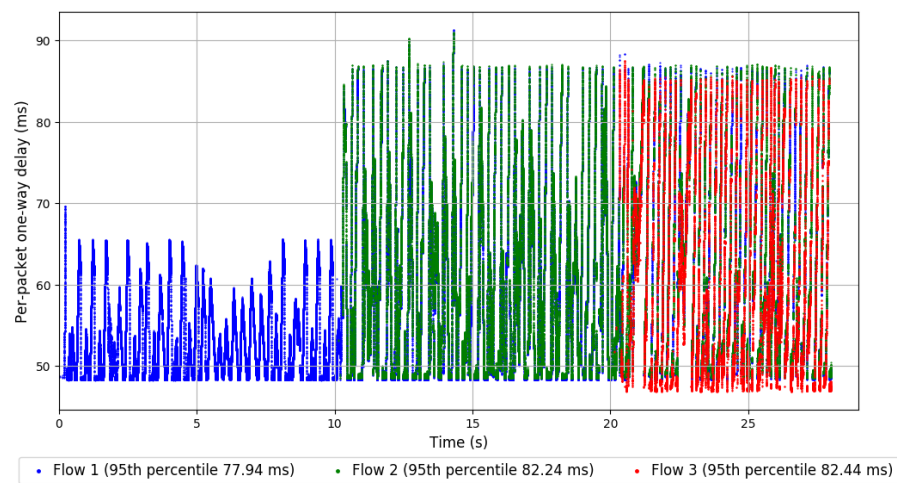
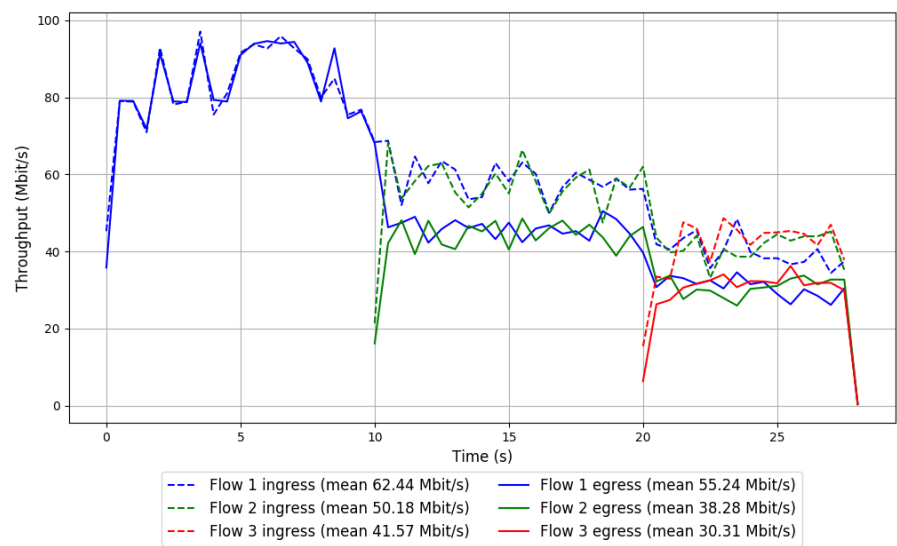
-- Flow 3:

Average throughput: 30.31 Mbit/s

95th percentile per-packet one-way delay: 82.436 ms

Loss rate: 27.11%

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

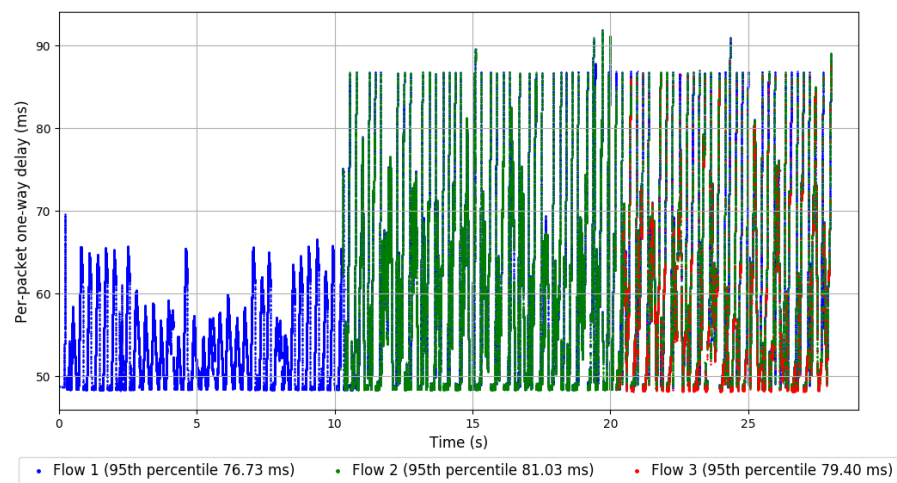
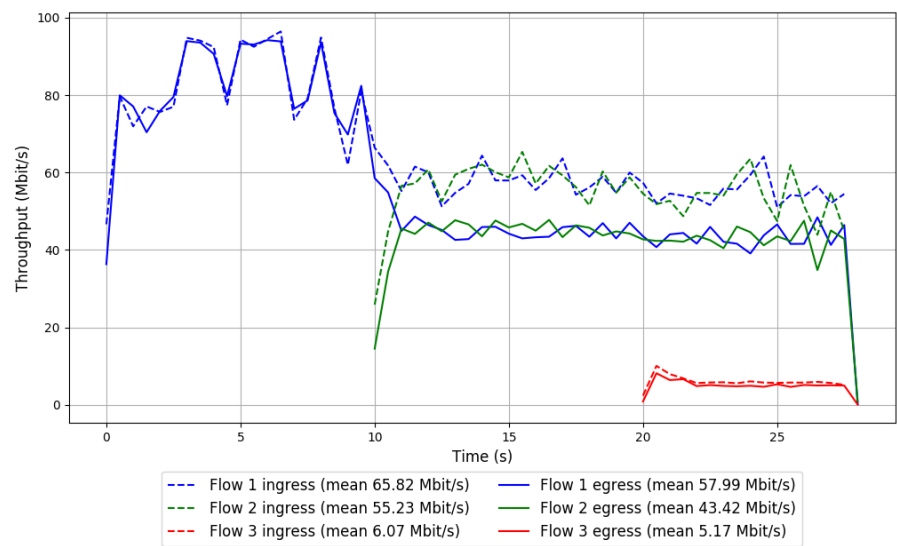


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-08 02:14:55
End at: 2017-09-08 02:15:25
Local clock offset: -0.137 ms
Remote clock offset: -2.943 ms

Below is generated by plot.py at 2017-09-08 05:40:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.23 Mbit/s
95th percentile per-packet one-way delay: 78.789 ms
Loss rate: 15.21%
-- Flow 1:
Average throughput: 57.99 Mbit/s
95th percentile per-packet one-way delay: 76.734 ms
Loss rate: 11.91%
-- Flow 2:
Average throughput: 43.42 Mbit/s
95th percentile per-packet one-way delay: 81.025 ms
Loss rate: 21.36%
-- Flow 3:
Average throughput: 5.17 Mbit/s
95th percentile per-packet one-way delay: 79.397 ms
Loss rate: 14.98%

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

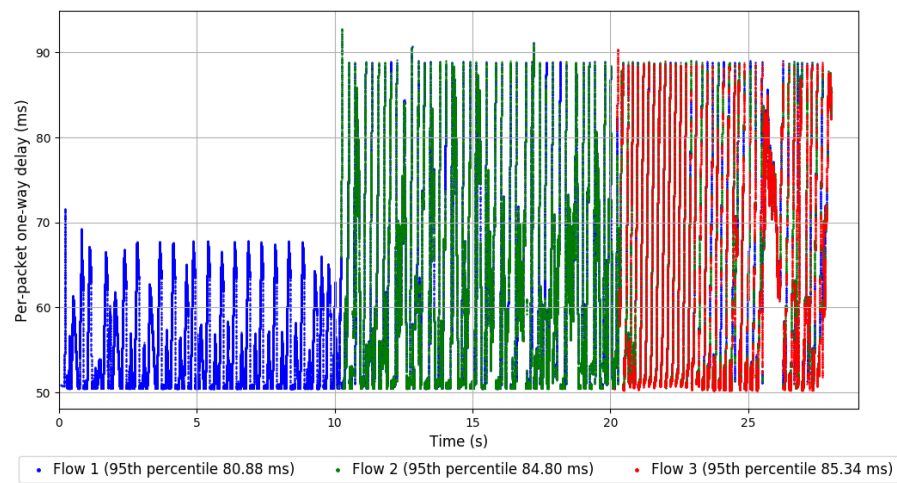
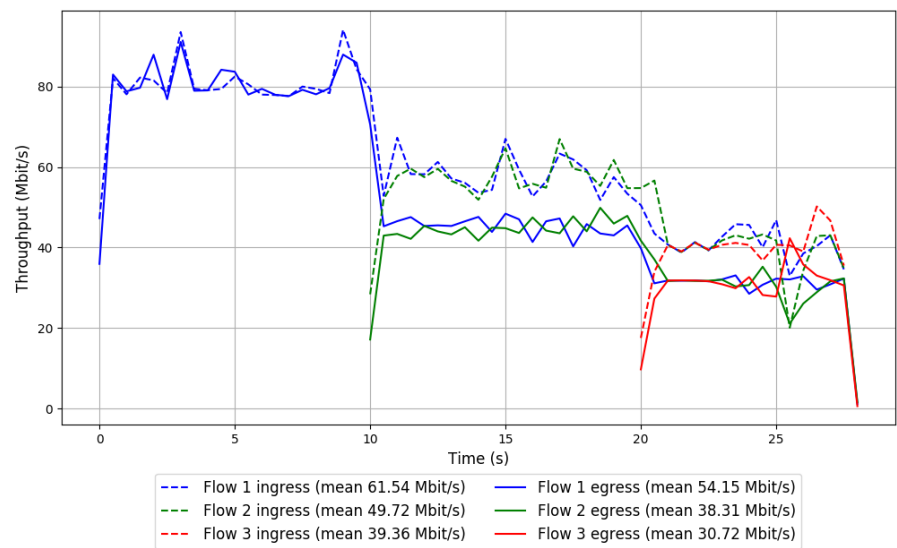


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-08 02:35:47
End at: 2017-09-08 02:36:17
Local clock offset: -0.12 ms
Remote clock offset: -0.908 ms

Below is generated by plot.py at 2017-09-08 05:40:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 83.303 ms
Loss rate: 16.28%
-- Flow 1:
Average throughput: 54.15 Mbit/s
95th percentile per-packet one-way delay: 80.876 ms
Loss rate: 11.91%
-- Flow 2:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 84.798 ms
Loss rate: 22.81%
-- Flow 3:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 85.337 ms
Loss rate: 21.76%

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

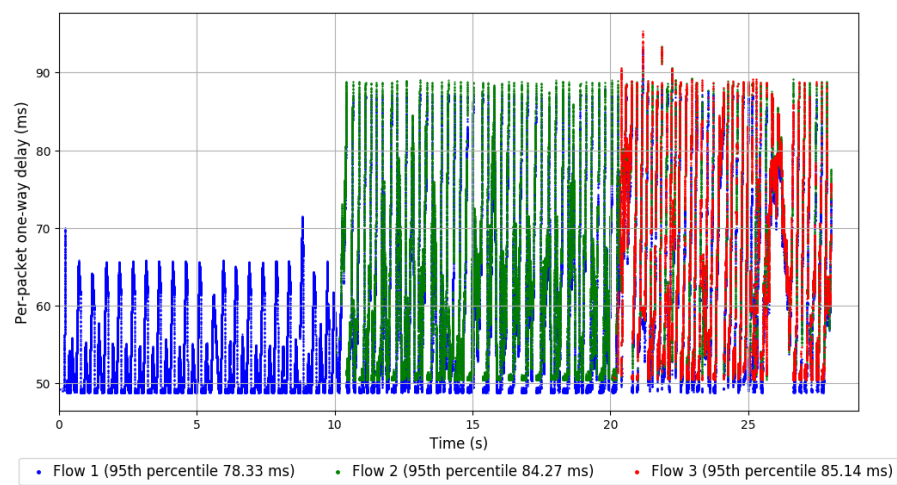
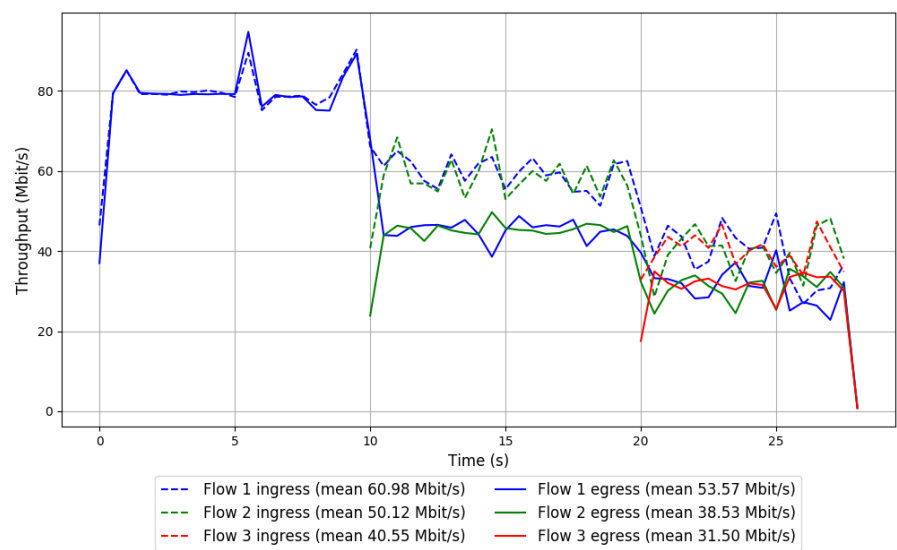


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-08 02:56:39
End at: 2017-09-08 02:57:09
Local clock offset: -0.141 ms
Remote clock offset: -1.037 ms

Below is generated by plot.py at 2017-09-08 05:40:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 82.056 ms
Loss rate: 16.54%
-- Flow 1:
Average throughput: 53.57 Mbit/s
95th percentile per-packet one-way delay: 78.335 ms
Loss rate: 12.07%
-- Flow 2:
Average throughput: 38.53 Mbit/s
95th percentile per-packet one-way delay: 84.270 ms
Loss rate: 23.04%
-- Flow 3:
Average throughput: 31.50 Mbit/s
95th percentile per-packet one-way delay: 85.145 ms
Loss rate: 22.08%

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

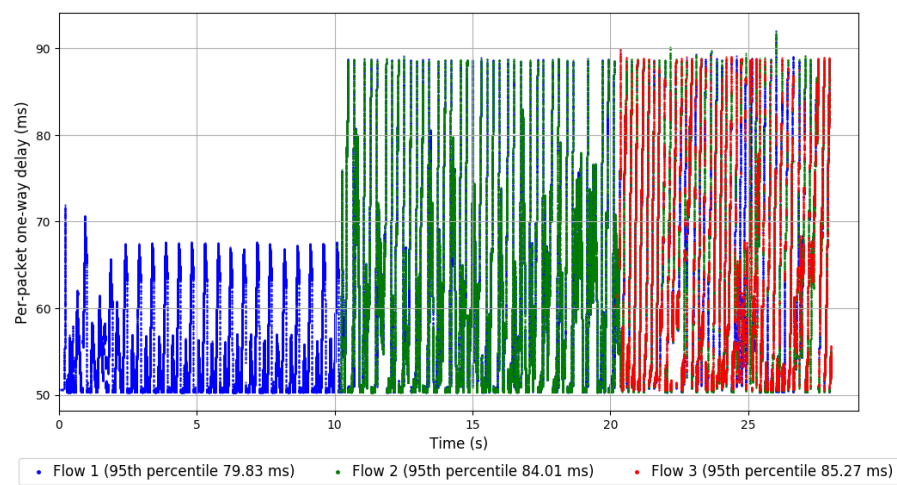
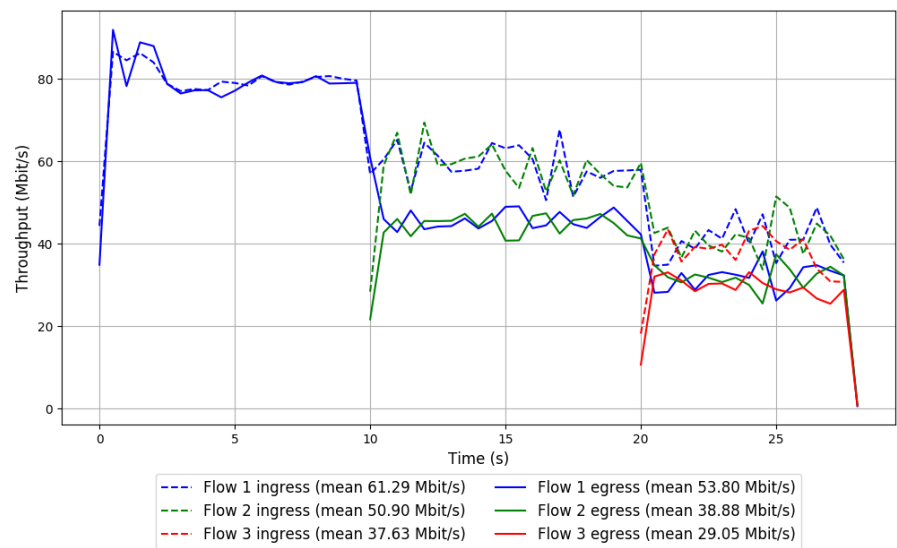


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-08 03:17:36
End at: 2017-09-08 03:18:06
Local clock offset: -0.111 ms
Remote clock offset: -1.013 ms

Below is generated by plot.py at 2017-09-08 05:40:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 82.341 ms
Loss rate: 16.87%
-- Flow 1:
Average throughput: 53.80 Mbit/s
95th percentile per-packet one-way delay: 79.829 ms
Loss rate: 12.21%
-- Flow 2:
Average throughput: 38.88 Mbit/s
95th percentile per-packet one-way delay: 84.011 ms
Loss rate: 23.67%
-- Flow 3:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 85.267 ms
Loss rate: 22.87%

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

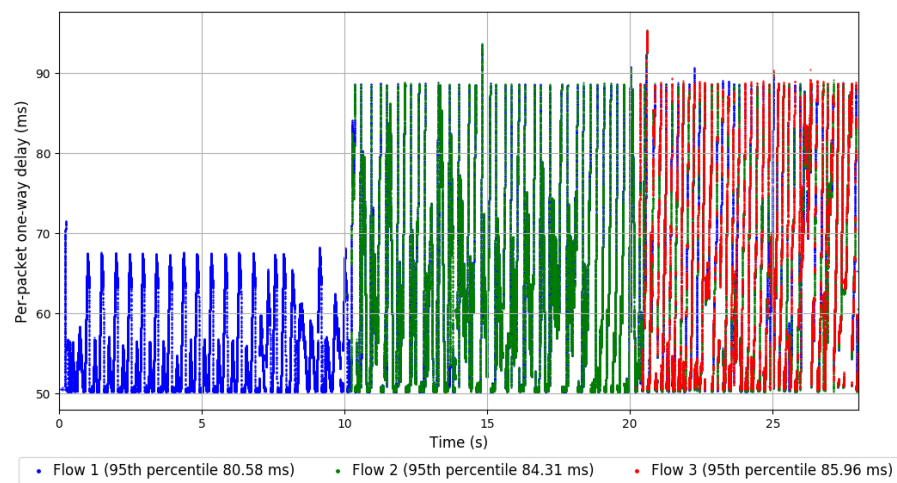
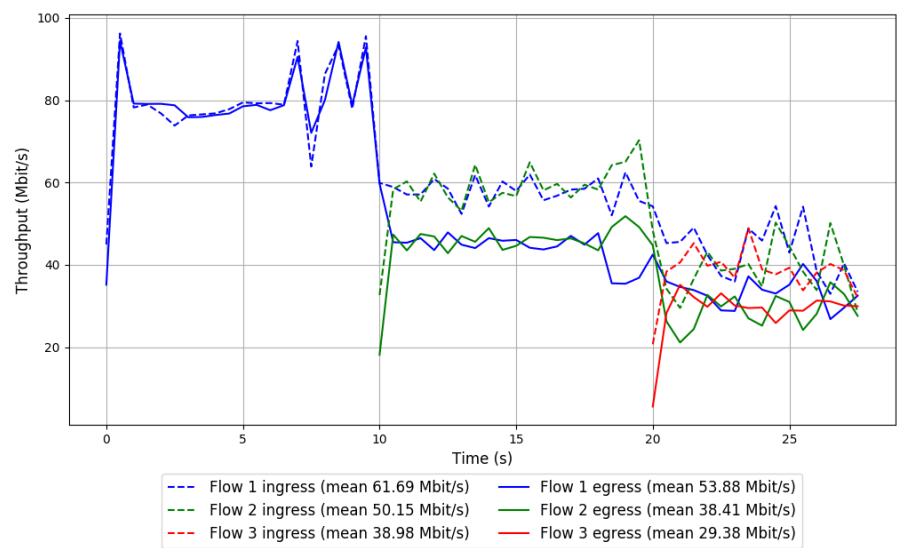


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-08 03:38:29
End at: 2017-09-08 03:38:59
Local clock offset: -0.041 ms
Remote clock offset: -1.039 ms

Below is generated by plot.py at 2017-09-08 05:40:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.73 Mbit/s
95th percentile per-packet one-way delay: 82.919 ms
Loss rate: 17.23%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 80.575 ms
Loss rate: 12.67%
-- Flow 2:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 84.310 ms
Loss rate: 23.46%
-- Flow 3:
Average throughput: 29.38 Mbit/s
95th percentile per-packet one-way delay: 85.964 ms
Loss rate: 24.68%

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

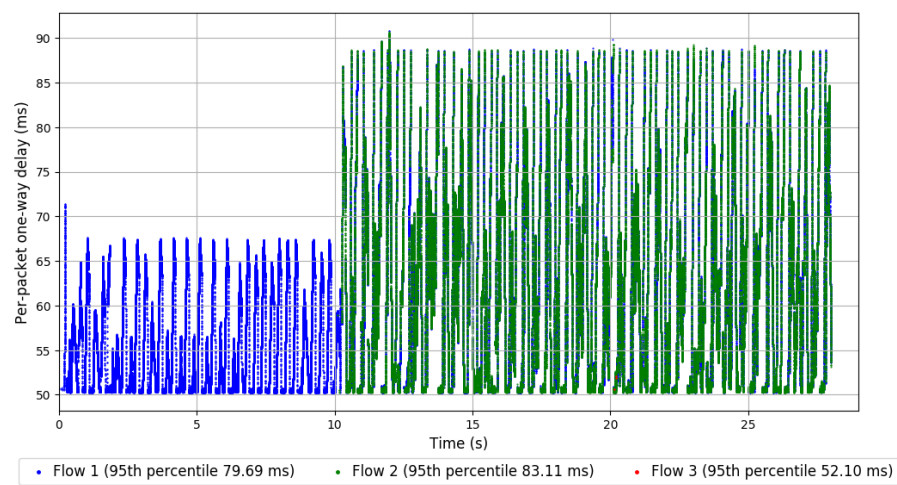
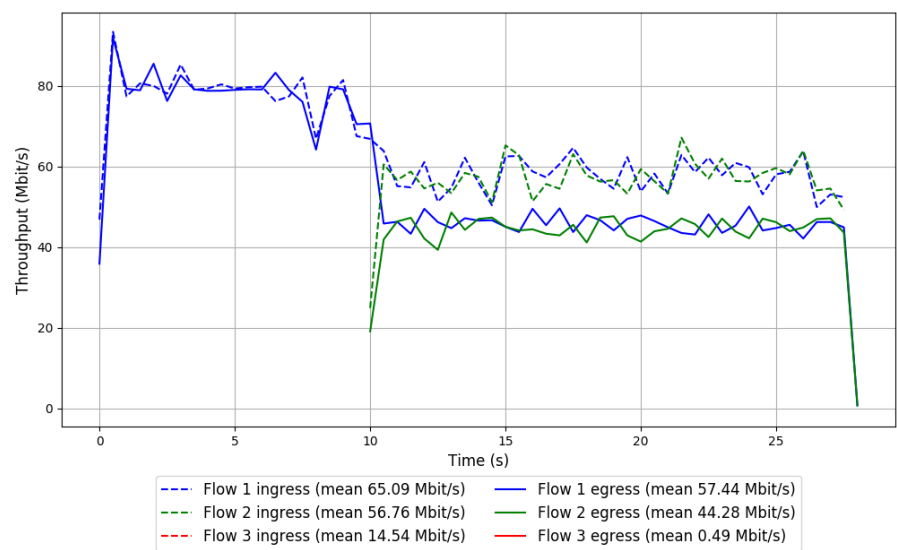


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-08 03:59:18
End at: 2017-09-08 03:59:48
Local clock offset: 0.039 ms
Remote clock offset: -1.134 ms

Below is generated by plot.py at 2017-09-08 05:40:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.81 Mbit/s
95th percentile per-packet one-way delay: 81.058 ms
Loss rate: 15.49%
-- Flow 1:
Average throughput: 57.44 Mbit/s
95th percentile per-packet one-way delay: 79.690 ms
Loss rate: 11.74%
-- Flow 2:
Average throughput: 44.28 Mbit/s
95th percentile per-packet one-way delay: 83.107 ms
Loss rate: 22.01%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 52.103 ms
Loss rate: 98.36%

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

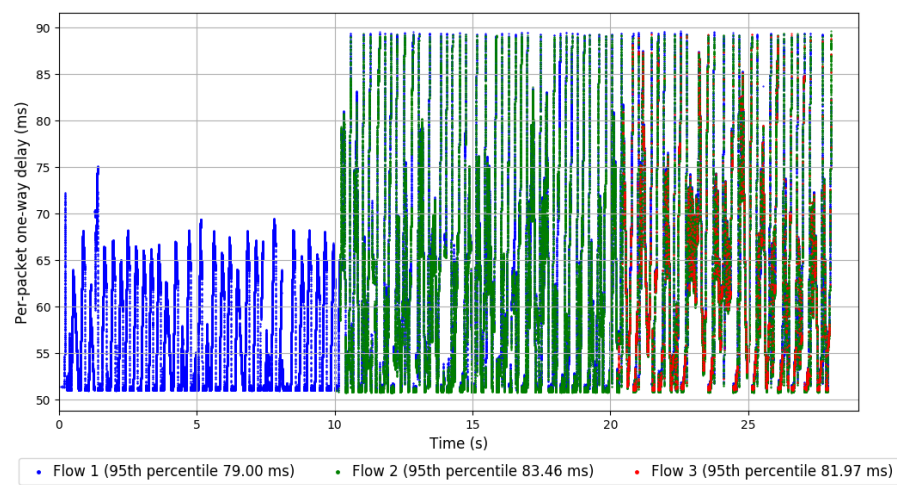
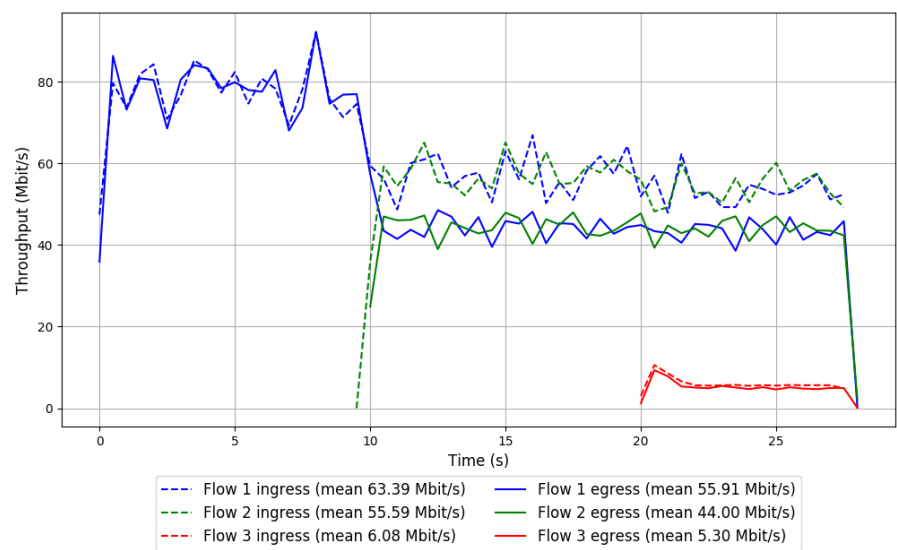


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-08 04:20:26
End at: 2017-09-08 04:20:56
Local clock offset: 0.115 ms
Remote clock offset: -0.721 ms

Below is generated by plot.py at 2017-09-08 05:41:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.64 Mbit/s
95th percentile per-packet one-way delay: 81.049 ms
Loss rate: 14.93%
-- Flow 1:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 78.995 ms
Loss rate: 11.74%
-- Flow 2:
Average throughput: 44.00 Mbit/s
95th percentile per-packet one-way delay: 83.456 ms
Loss rate: 20.69%
-- Flow 3:
Average throughput: 5.30 Mbit/s
95th percentile per-packet one-way delay: 81.968 ms
Loss rate: 12.64%

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

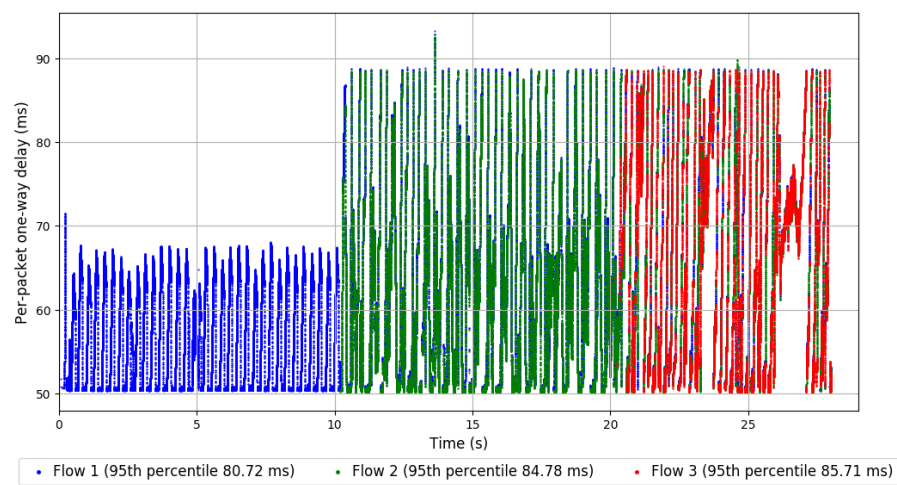
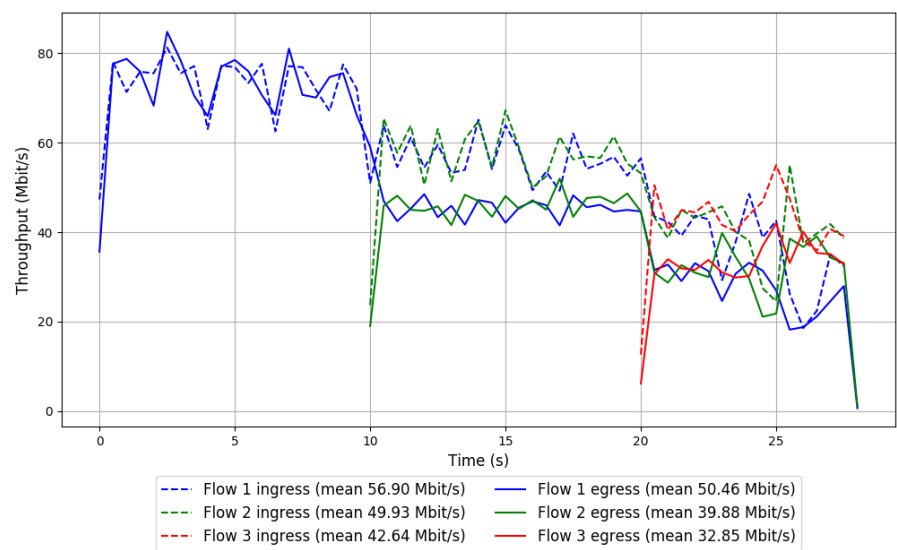


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-08 04:41:29
End at: 2017-09-08 04:41:59
Local clock offset: 0.175 ms
Remote clock offset: -1.431 ms

Below is generated by plot.py at 2017-09-08 05:41:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 83.464 ms
Loss rate: 15.53%
-- Flow 1:
Average throughput: 50.46 Mbit/s
95th percentile per-packet one-way delay: 80.720 ms
Loss rate: 11.33%
-- Flow 2:
Average throughput: 39.88 Mbit/s
95th percentile per-packet one-way delay: 84.778 ms
Loss rate: 20.19%
-- Flow 3:
Average throughput: 32.85 Mbit/s
95th percentile per-packet one-way delay: 85.707 ms
Loss rate: 23.11%

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

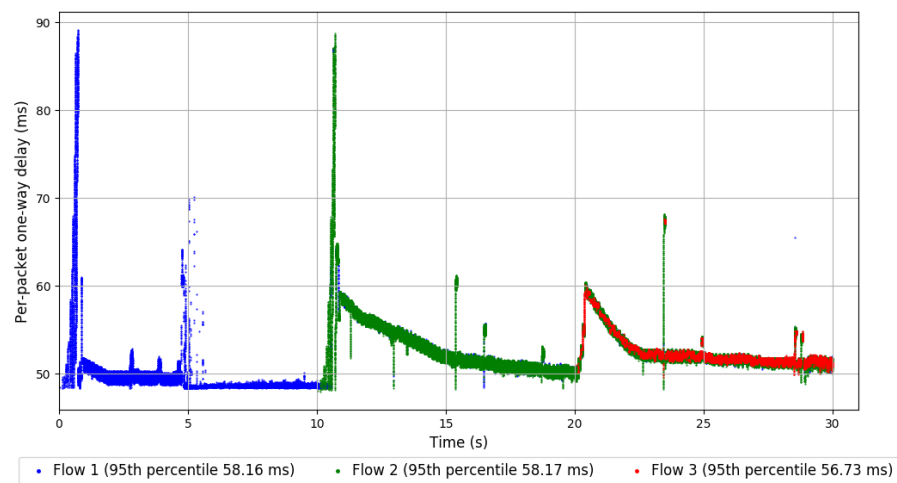
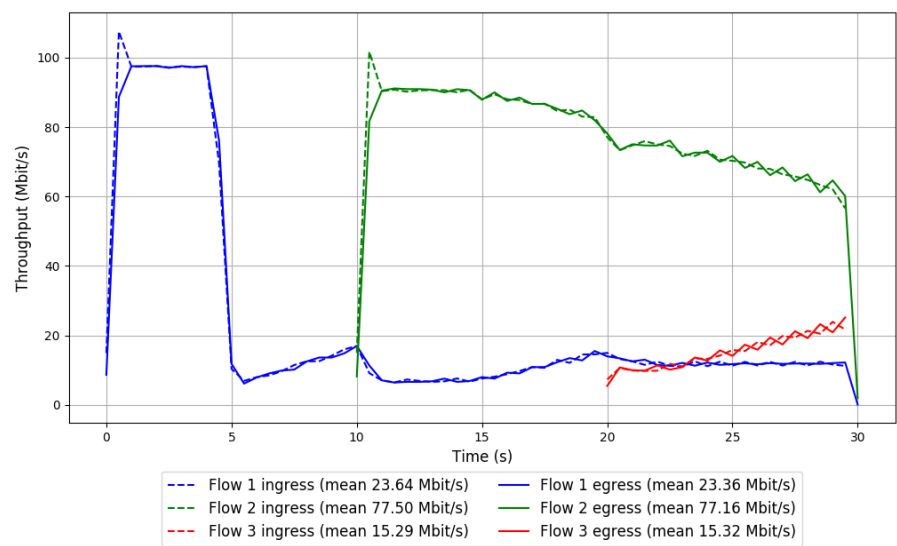


Run 1: Statistics of TCP Vegas

Start at: 2017-09-08 01:38:31
End at: 2017-09-08 01:39:01
Local clock offset: -0.06 ms
Remote clock offset: -2.373 ms

Below is generated by plot.py at 2017-09-08 05:41:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.83 Mbit/s
95th percentile per-packet one-way delay: 58.127 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 23.36 Mbit/s
95th percentile per-packet one-way delay: 58.163 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 77.16 Mbit/s
95th percentile per-packet one-way delay: 58.167 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 15.32 Mbit/s
95th percentile per-packet one-way delay: 56.733 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

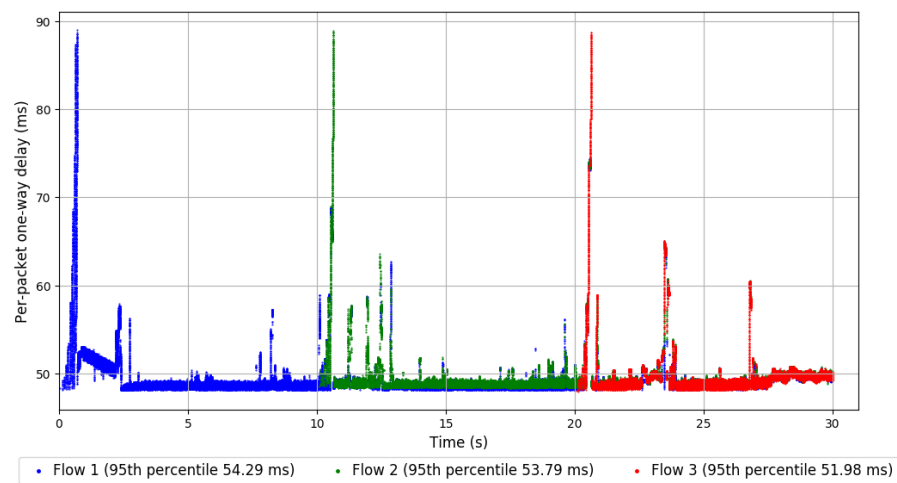
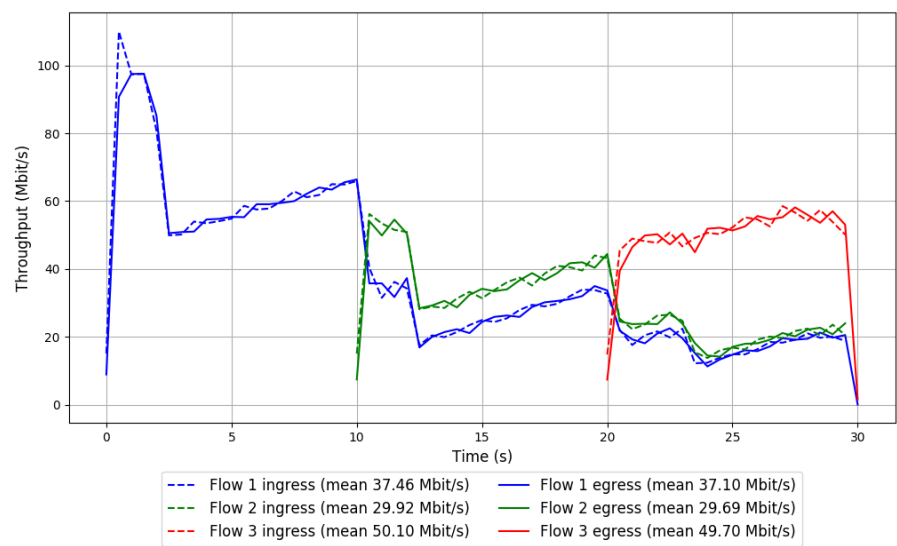


Run 2: Statistics of TCP Vegas

Start at: 2017-09-08 01:59:25
End at: 2017-09-08 01:59:55
Local clock offset: -0.119 ms
Remote clock offset: -2.845 ms

Below is generated by plot.py at 2017-09-08 05:41:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 53.724 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 37.10 Mbit/s
95th percentile per-packet one-way delay: 54.293 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 29.69 Mbit/s
95th percentile per-packet one-way delay: 53.791 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 49.70 Mbit/s
95th percentile per-packet one-way delay: 51.981 ms
Loss rate: 0.93%

Run 2: Report of TCP Vegas — Data Link

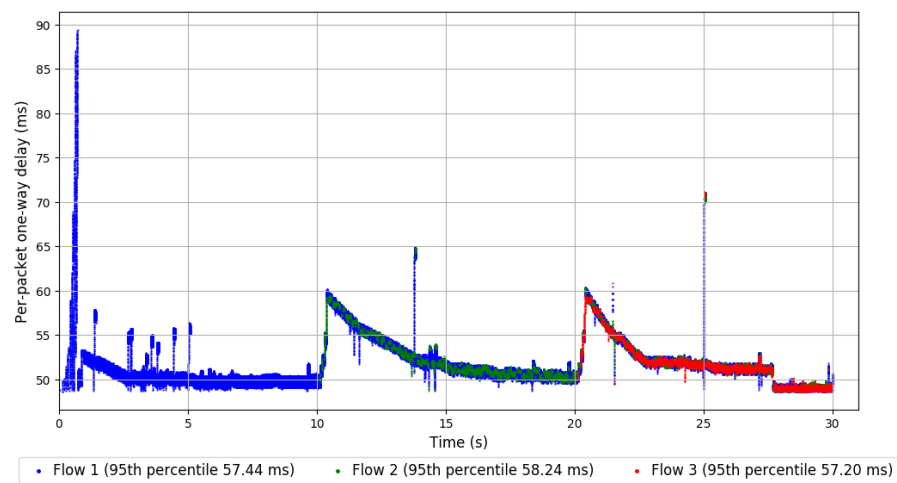
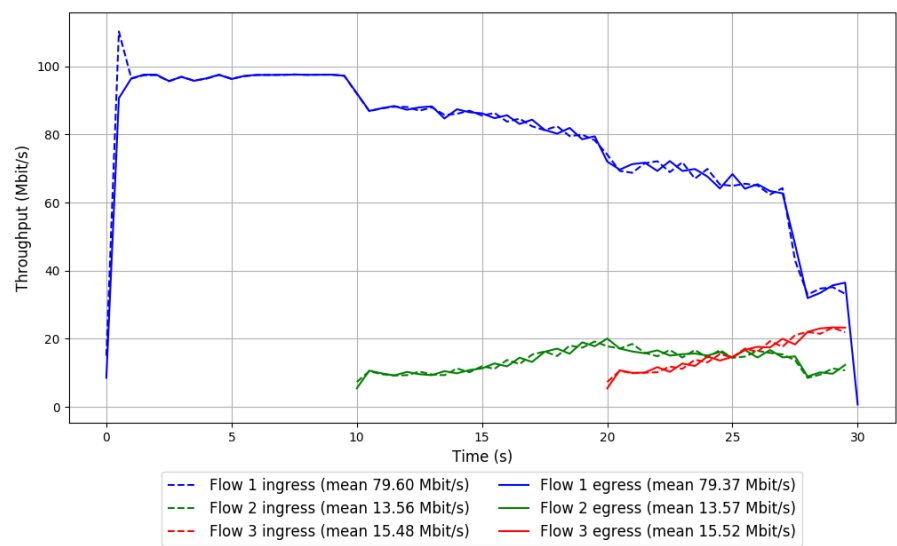


Run 3: Statistics of TCP Vegas

Start at: 2017-09-08 02:20:26
End at: 2017-09-08 02:20:56
Local clock offset: -0.247 ms
Remote clock offset: -2.803 ms

Below is generated by plot.py at 2017-09-08 05:41:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.55 Mbit/s
95th percentile per-packet one-way delay: 57.577 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 79.37 Mbit/s
95th percentile per-packet one-way delay: 57.444 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 13.57 Mbit/s
95th percentile per-packet one-way delay: 58.237 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 15.52 Mbit/s
95th percentile per-packet one-way delay: 57.198 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

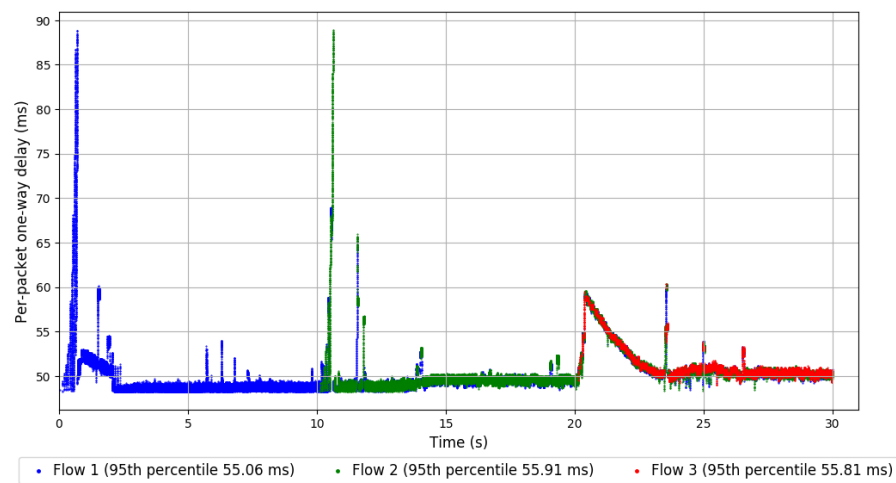
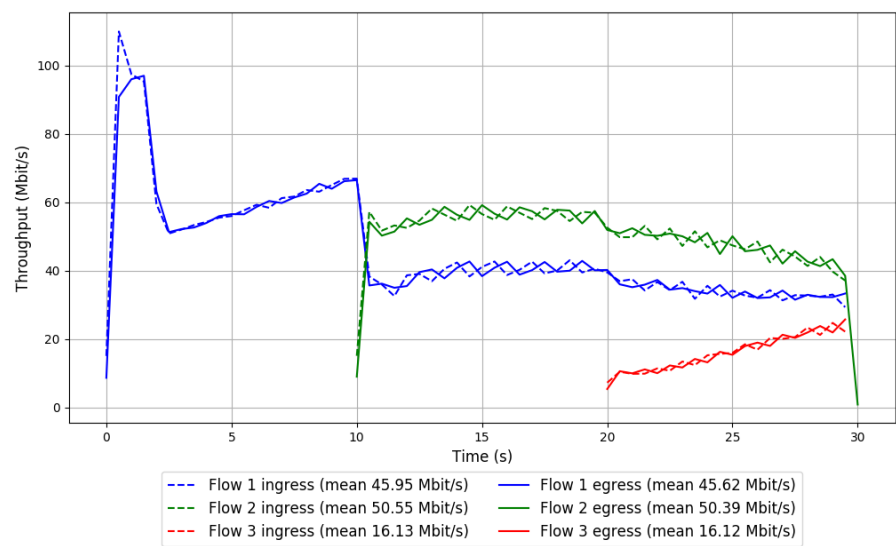


Run 4: Statistics of TCP Vegas

Start at: 2017-09-08 02:41:20
End at: 2017-09-08 02:41:50
Local clock offset: -0.193 ms
Remote clock offset: -2.985 ms

Below is generated by plot.py at 2017-09-08 05:41:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.51 Mbit/s
95th percentile per-packet one-way delay: 55.578 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 45.62 Mbit/s
95th percentile per-packet one-way delay: 55.060 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 50.39 Mbit/s
95th percentile per-packet one-way delay: 55.912 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 16.12 Mbit/s
95th percentile per-packet one-way delay: 55.811 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

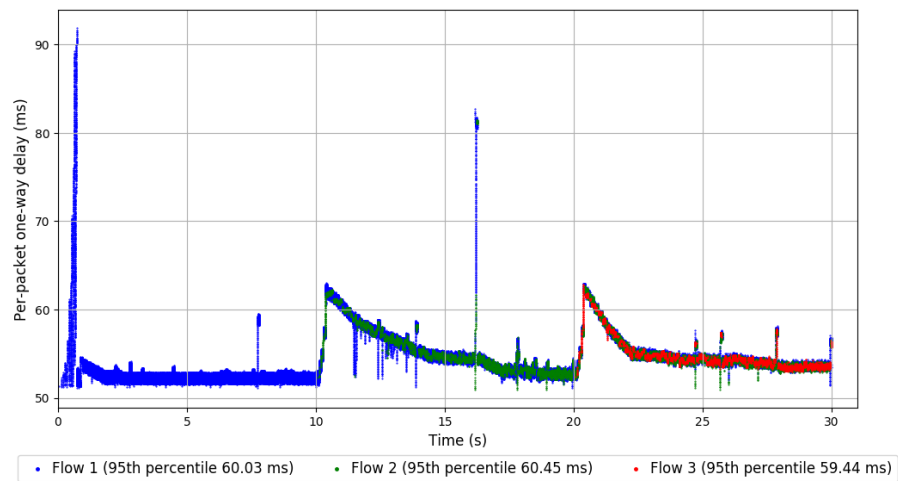
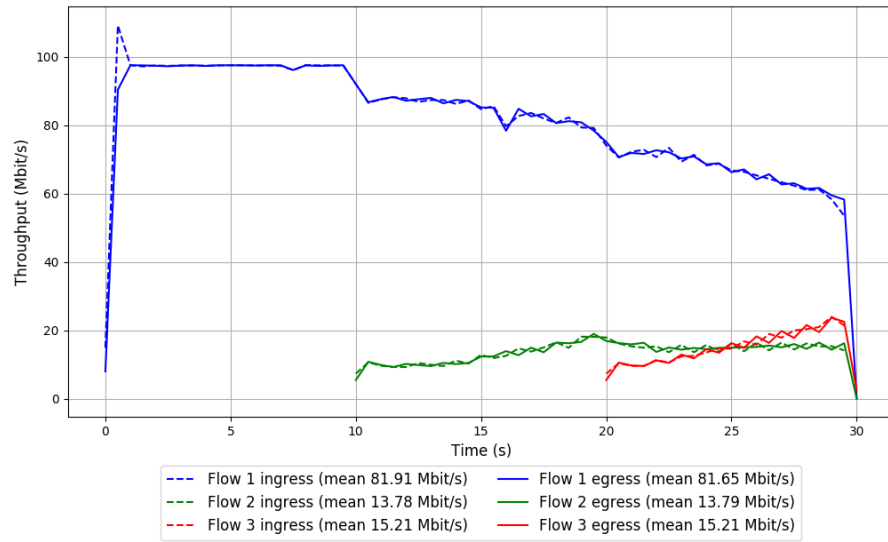


Run 5: Statistics of TCP Vegas

Start at: 2017-09-08 03:02:12
End at: 2017-09-08 03:02:42
Local clock offset: -0.167 ms
Remote clock offset: -0.415 ms

Below is generated by plot.py at 2017-09-08 05:41:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 60.045 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 81.65 Mbit/s
95th percentile per-packet one-way delay: 60.030 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 60.451 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.21 Mbit/s
95th percentile per-packet one-way delay: 59.435 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

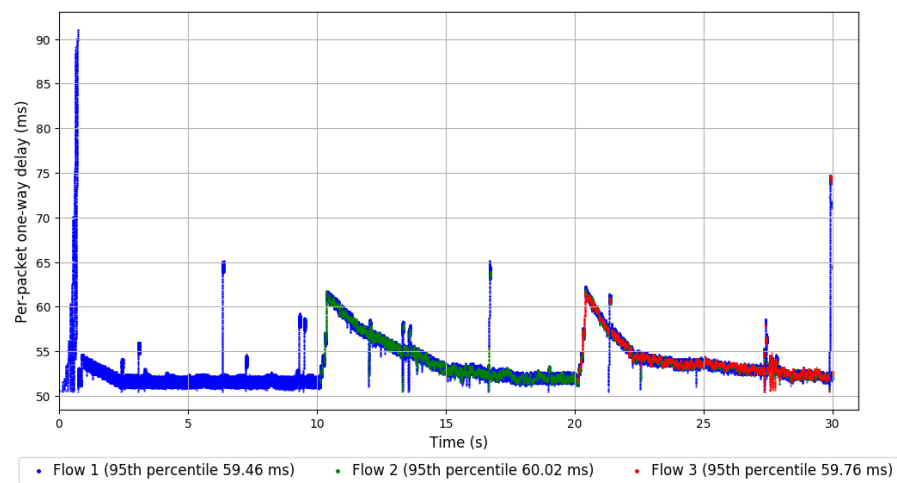
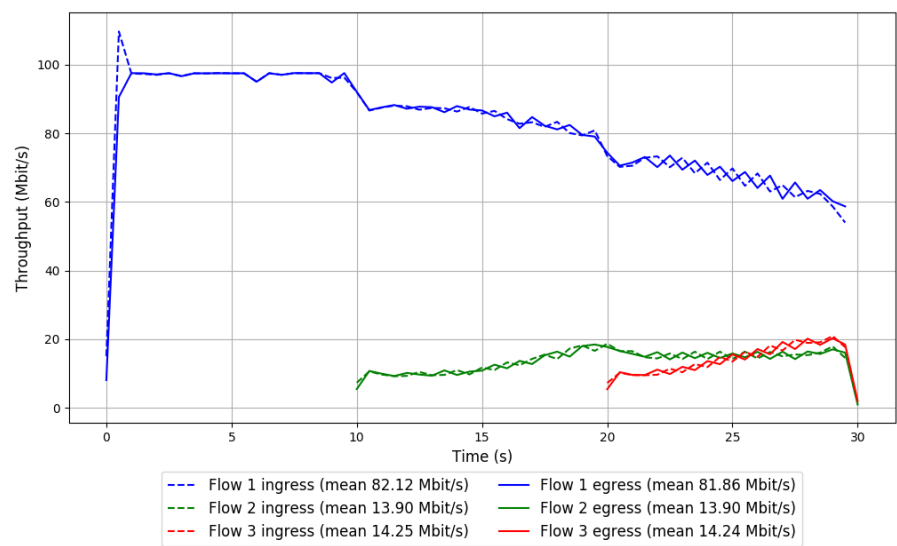


Run 6: Statistics of TCP Vegas

Start at: 2017-09-08 03:23:07
End at: 2017-09-08 03:23:37
Local clock offset: -0.074 ms
Remote clock offset: -1.057 ms

Below is generated by plot.py at 2017-09-08 05:41:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 59.499 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 81.86 Mbit/s
95th percentile per-packet one-way delay: 59.456 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 13.90 Mbit/s
95th percentile per-packet one-way delay: 60.016 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.24 Mbit/s
95th percentile per-packet one-way delay: 59.755 ms
Loss rate: 0.08%

Run 6: Report of TCP Vegas — Data Link

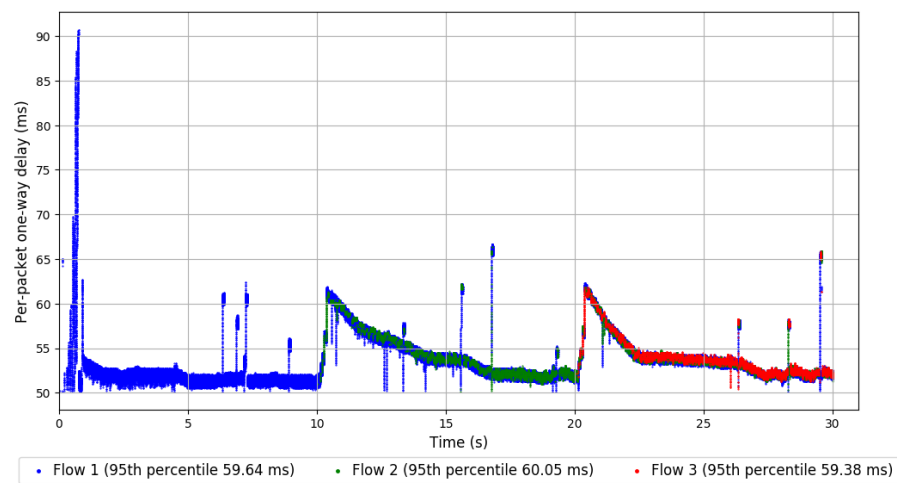
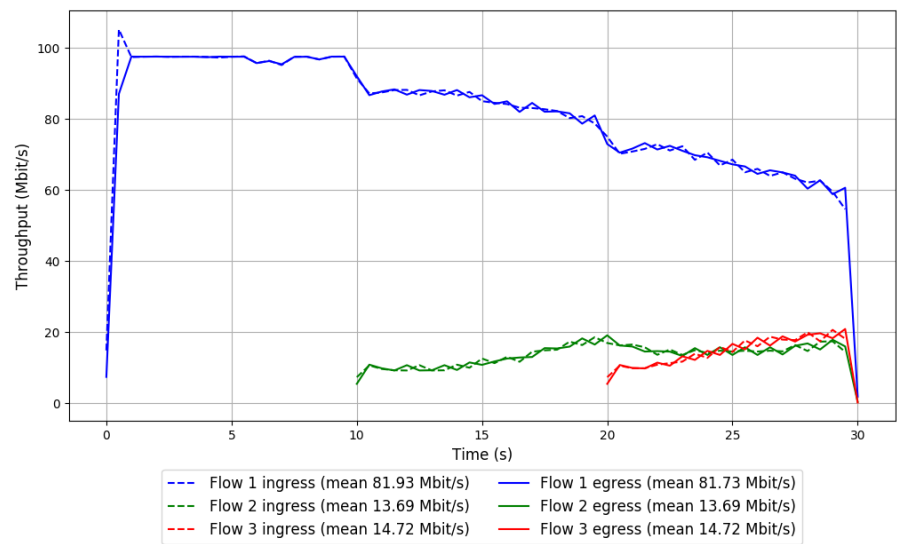


Run 7: Statistics of TCP Vegas

Start at: 2017-09-08 03:43:59
End at: 2017-09-08 03:44:29
Local clock offset: -0.021 ms
Remote clock offset: -1.181 ms

Below is generated by plot.py at 2017-09-08 05:42:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 59.651 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 81.73 Mbit/s
95th percentile per-packet one-way delay: 59.637 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 13.69 Mbit/s
95th percentile per-packet one-way delay: 60.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 59.375 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

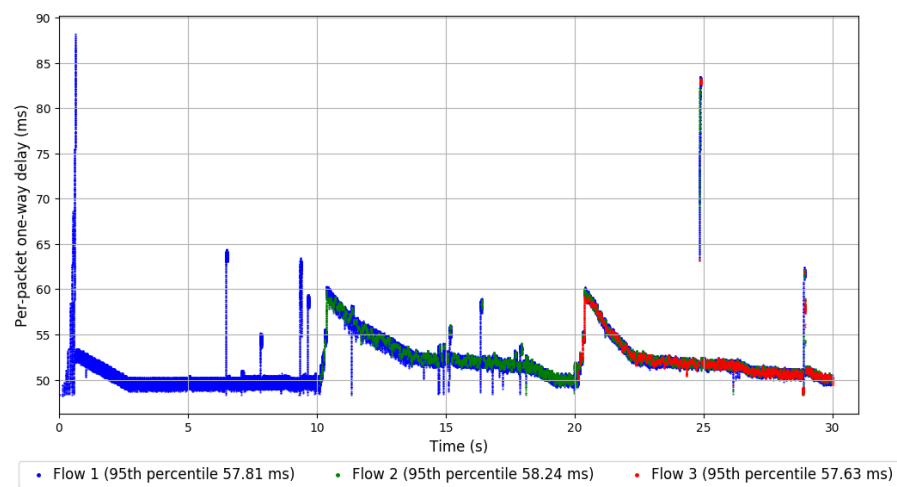
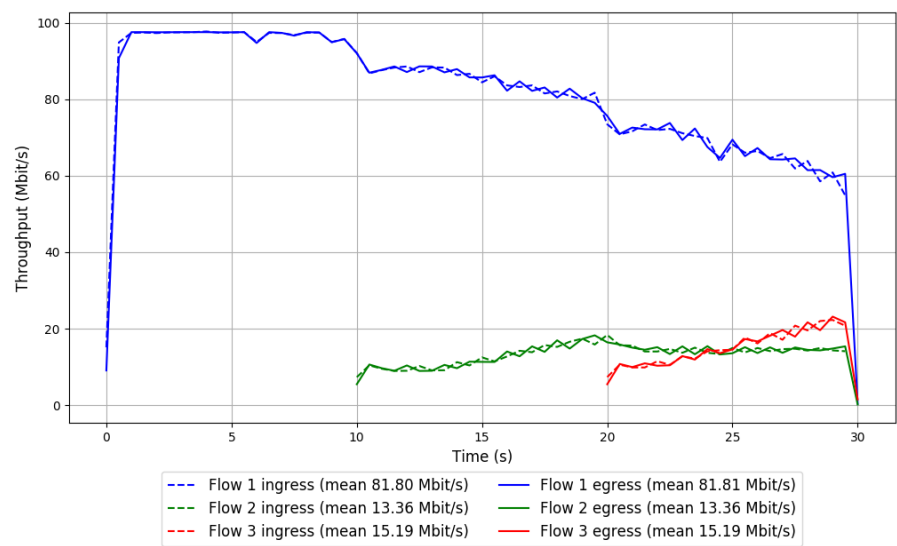


Run 8: Statistics of TCP Vegas

Start at: 2017-09-08 04:04:50
End at: 2017-09-08 04:05:20
Local clock offset: 0.005 ms
Remote clock offset: -3.216 ms

Below is generated by plot.py at 2017-09-08 05:42:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 57.853 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.81 Mbit/s
95th percentile per-packet one-way delay: 57.815 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 58.237 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.19 Mbit/s
95th percentile per-packet one-way delay: 57.631 ms
Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link

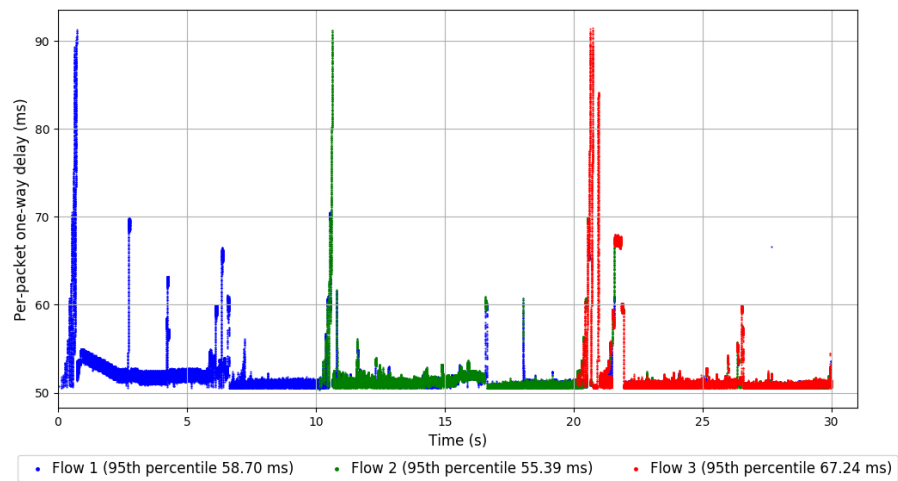
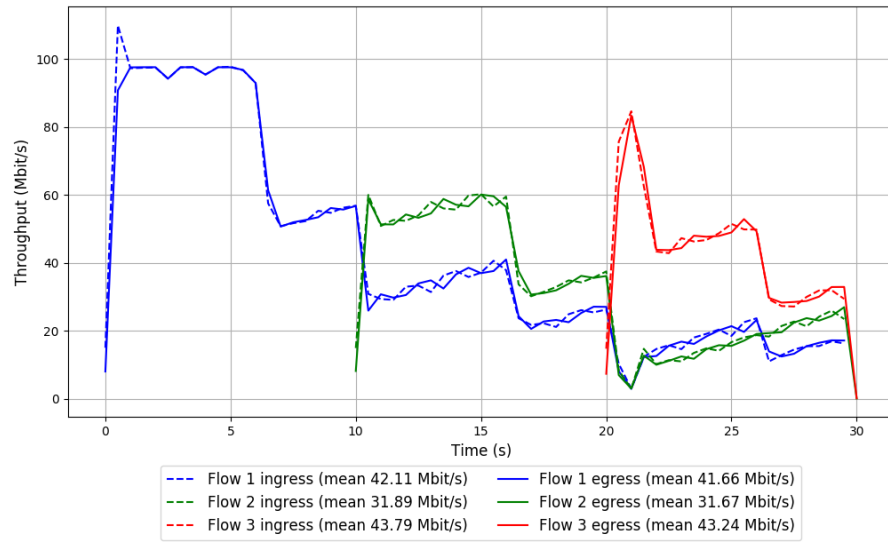


Run 9: Statistics of TCP Vegas

Start at: 2017-09-08 04:26:09
End at: 2017-09-08 04:26:39
Local clock offset: 0.08 ms
Remote clock offset: -1.212 ms

Below is generated by plot.py at 2017-09-08 05:42:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 59.629 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 41.66 Mbit/s
95th percentile per-packet one-way delay: 58.698 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 31.67 Mbit/s
95th percentile per-packet one-way delay: 55.386 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 43.24 Mbit/s
95th percentile per-packet one-way delay: 67.242 ms
Loss rate: 1.26%

Run 9: Report of TCP Vegas — Data Link

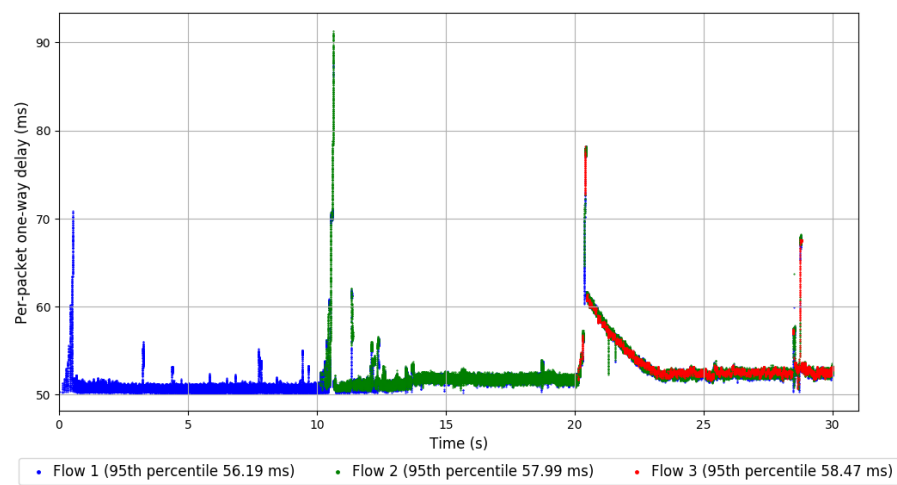
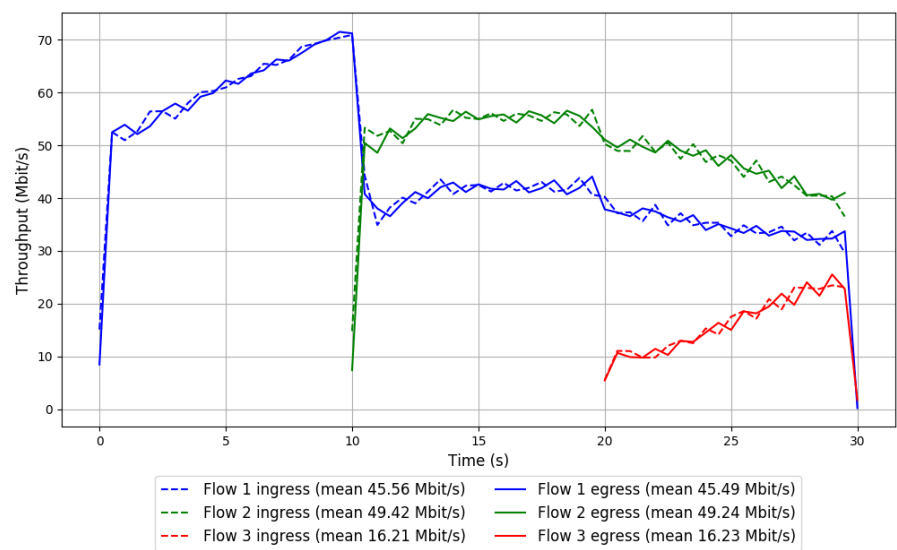


Run 10: Statistics of TCP Vegas

Start at: 2017-09-08 04:47:01
End at: 2017-09-08 04:47:31
Local clock offset: 0.242 ms
Remote clock offset: -1.353 ms

Below is generated by plot.py at 2017-09-08 05:42:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.63 Mbit/s
95th percentile per-packet one-way delay: 57.219 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 56.189 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 57.992 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 58.473 ms
Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-09-08 01:26:01

End at: 2017-09-08 01:26:32

Local clock offset: -0.084 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2017-09-08 05:42:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 57.06 Mbit/s

95th percentile per-packet one-way delay: 87.920 ms

Loss rate: 43.72%

-- Flow 1:

Average throughput: 30.18 Mbit/s

95th percentile per-packet one-way delay: 85.974 ms

Loss rate: 26.47%

-- Flow 2:

Average throughput: 33.23 Mbit/s

95th percentile per-packet one-way delay: 89.851 ms

Loss rate: 57.49%

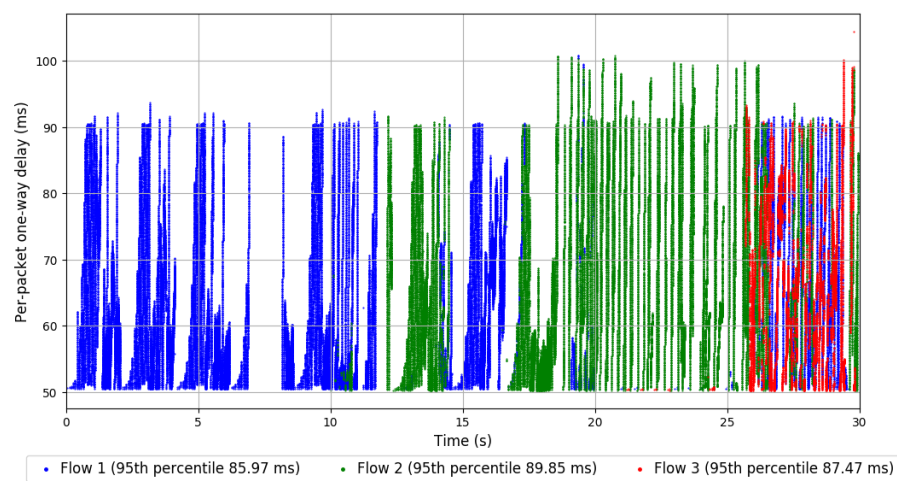
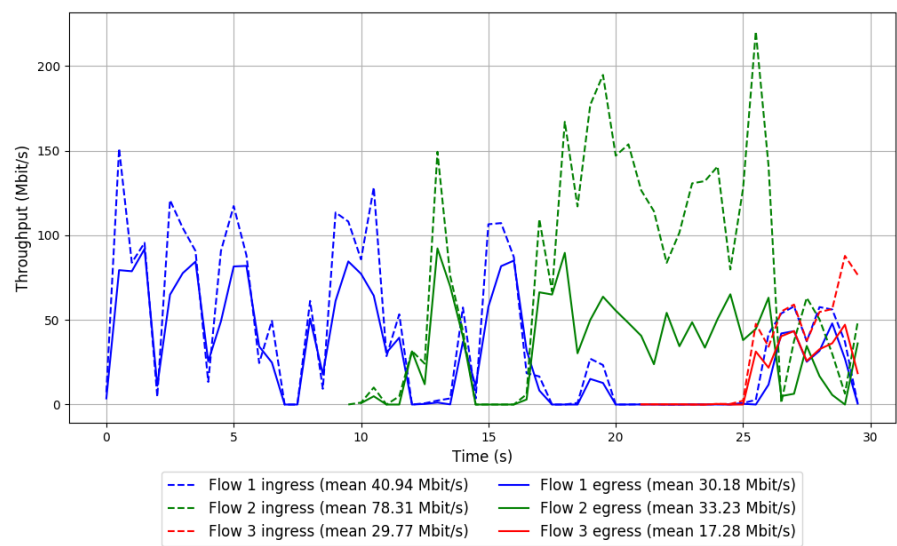
-- Flow 3:

Average throughput: 17.28 Mbit/s

95th percentile per-packet one-way delay: 87.470 ms

Loss rate: 41.94%

Run 1: Report of Verus — Data Link

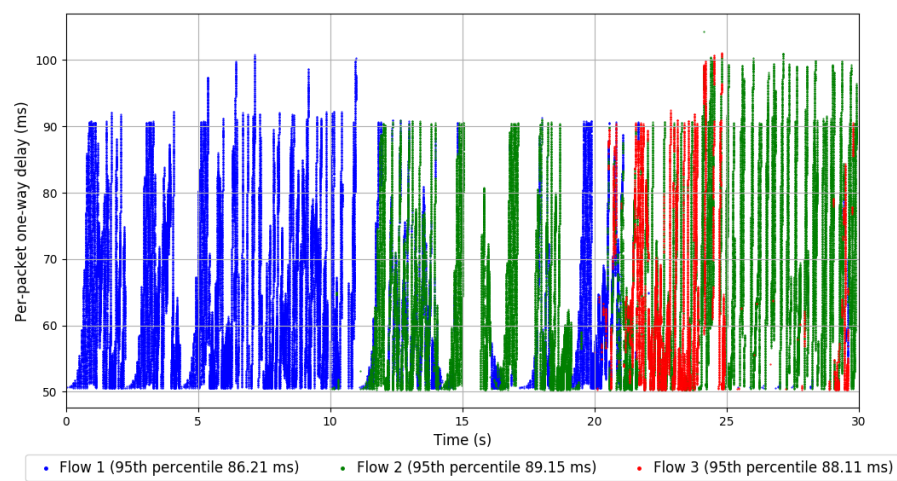
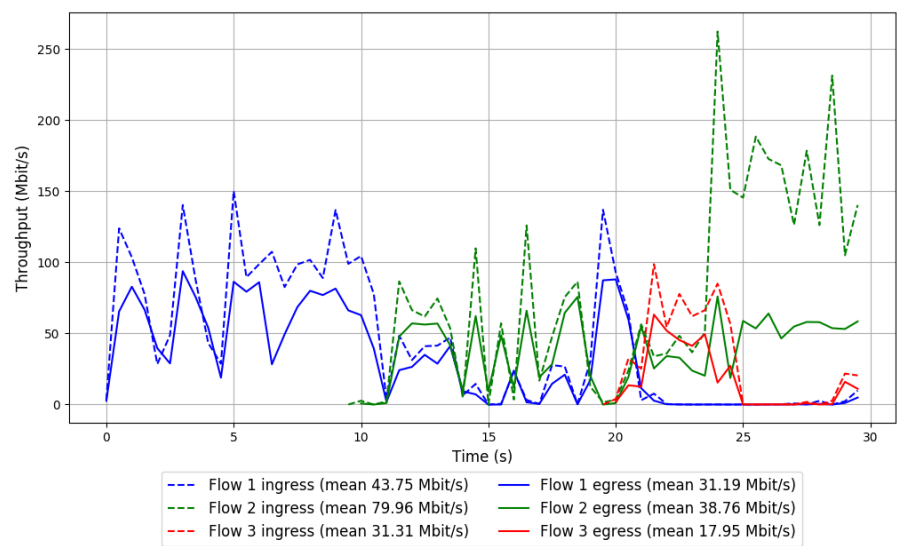


Run 2: Statistics of Verus

Start at: 2017-09-08 01:46:53
End at: 2017-09-08 01:47:23
Local clock offset: -0.146 ms
Remote clock offset: -0.457 ms

Below is generated by plot.py at 2017-09-08 05:42:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.58 Mbit/s
95th percentile per-packet one-way delay: 87.765 ms
Loss rate: 41.40%
-- Flow 1:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 86.211 ms
Loss rate: 28.87%
-- Flow 2:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 89.147 ms
Loss rate: 51.41%
-- Flow 3:
Average throughput: 17.95 Mbit/s
95th percentile per-packet one-way delay: 88.114 ms
Loss rate: 42.55%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-09-08 02:07:55

End at: 2017-09-08 02:08:25

Local clock offset: -0.231 ms

Remote clock offset: -0.84 ms

Below is generated by plot.py at 2017-09-08 05:42:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.54 Mbit/s

95th percentile per-packet one-way delay: 86.283 ms

Loss rate: 28.55%

-- Flow 1:

Average throughput: 31.38 Mbit/s

95th percentile per-packet one-way delay: 86.235 ms

Loss rate: 25.85%

-- Flow 2:

Average throughput: 40.84 Mbit/s

95th percentile per-packet one-way delay: 86.749 ms

Loss rate: 32.43%

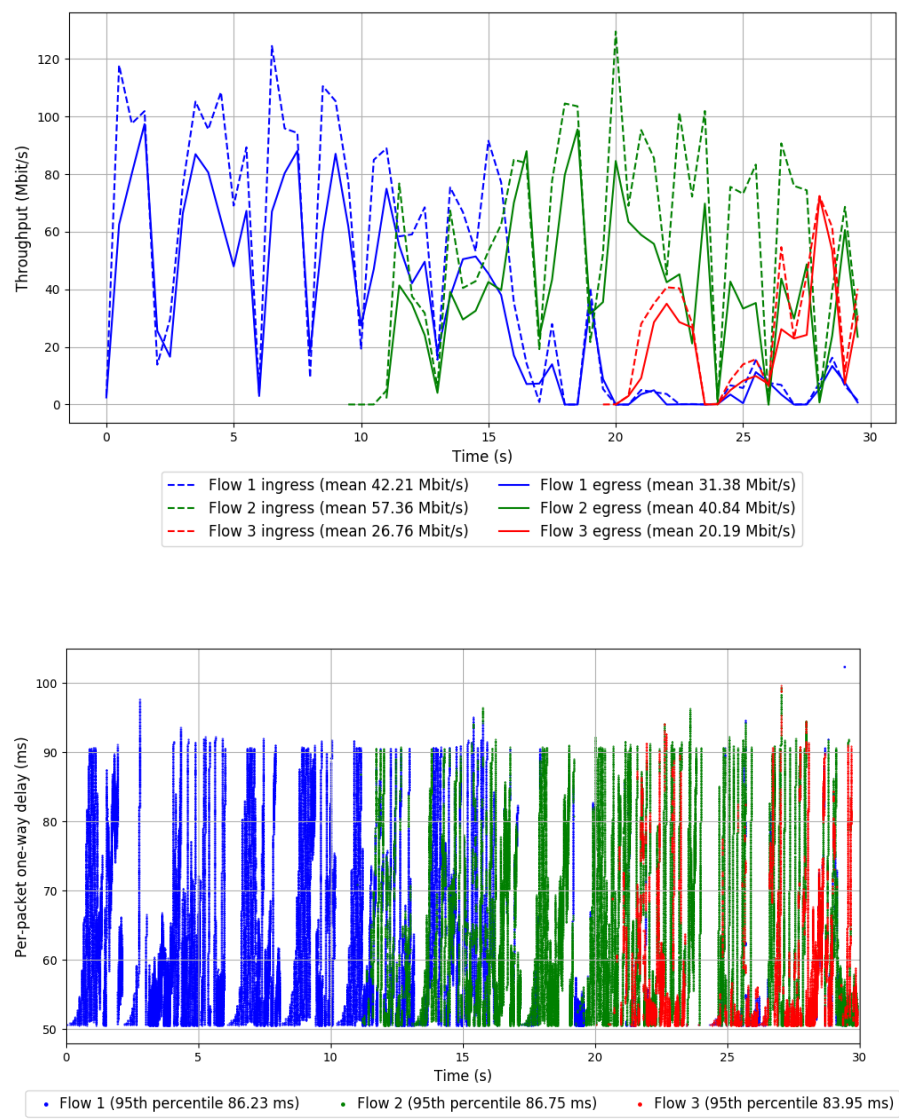
-- Flow 3:

Average throughput: 20.19 Mbit/s

95th percentile per-packet one-way delay: 83.954 ms

Loss rate: 24.54%

Run 3: Report of Verus — Data Link

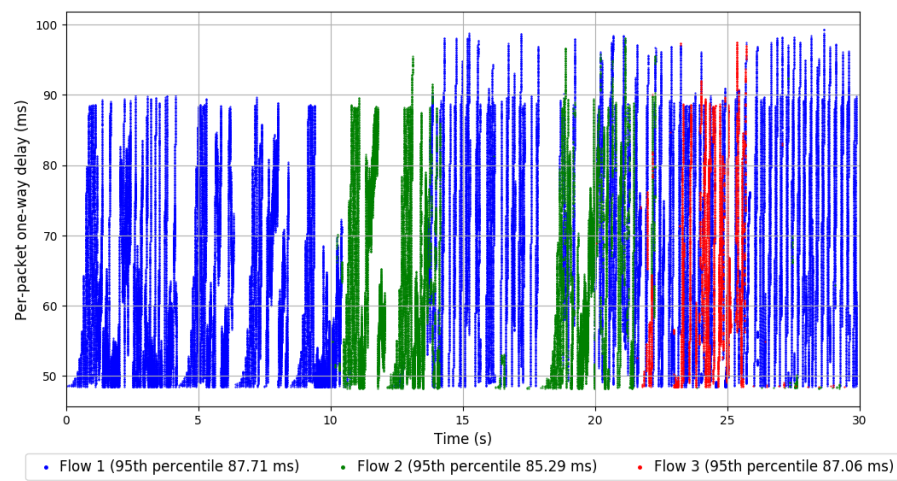
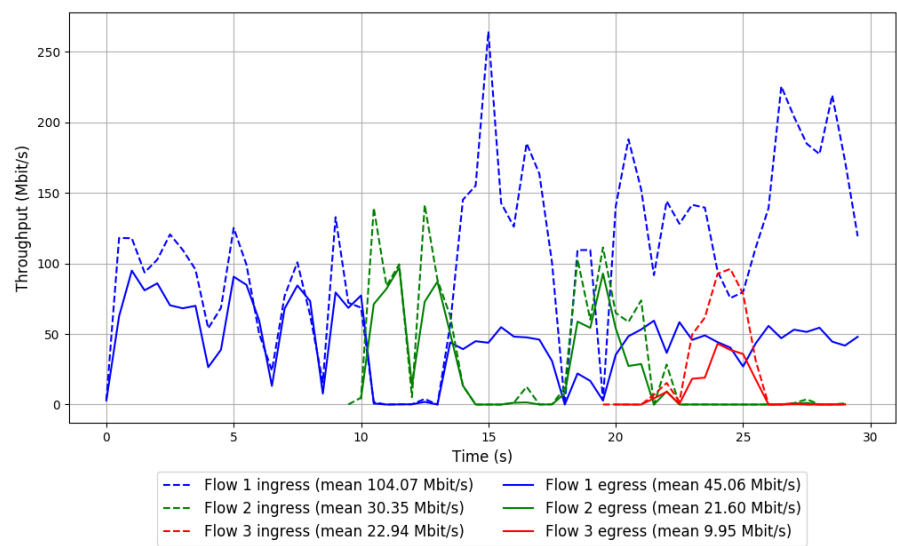


Run 4: Statistics of Verus

Start at: 2017-09-08 02:28:48
End at: 2017-09-08 02:29:18
Local clock offset: -0.225 ms
Remote clock offset: -2.981 ms

Below is generated by plot.py at 2017-09-08 05:42:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.10 Mbit/s
95th percentile per-packet one-way delay: 87.176 ms
Loss rate: 52.57%
-- Flow 1:
Average throughput: 45.06 Mbit/s
95th percentile per-packet one-way delay: 87.709 ms
Loss rate: 56.68%
-- Flow 2:
Average throughput: 21.60 Mbit/s
95th percentile per-packet one-way delay: 85.288 ms
Loss rate: 29.10%
-- Flow 3:
Average throughput: 9.95 Mbit/s
95th percentile per-packet one-way delay: 87.063 ms
Loss rate: 57.06%

Run 4: Report of Verus — Data Link

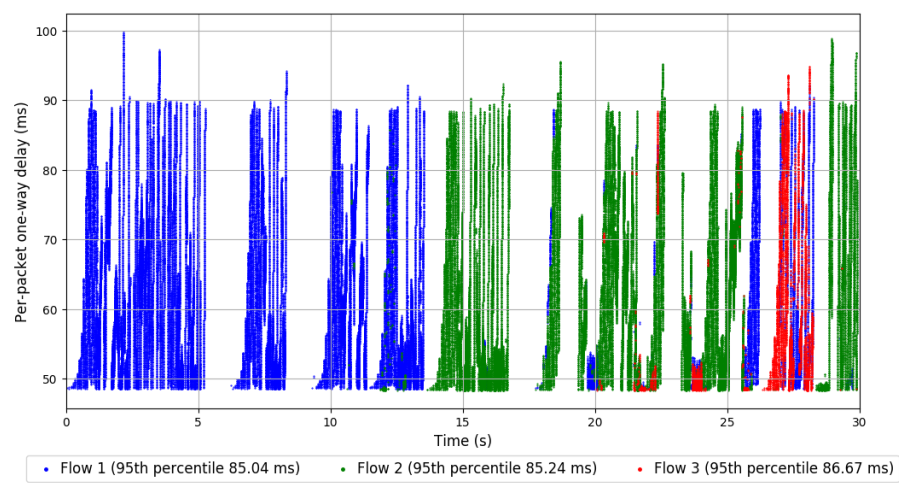
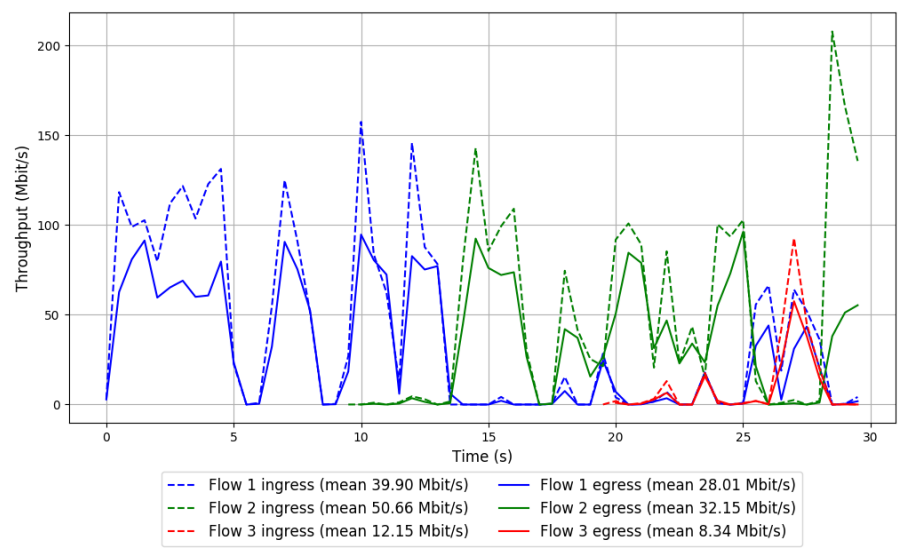


Run 5: Statistics of Verus

Start at: 2017-09-08 02:49:43
End at: 2017-09-08 02:50:13
Local clock offset: -0.144 ms
Remote clock offset: -2.886 ms

Below is generated by plot.py at 2017-09-08 05:42:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.99 Mbit/s
95th percentile per-packet one-way delay: 85.215 ms
Loss rate: 32.90%
-- Flow 1:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 85.040 ms
Loss rate: 29.98%
-- Flow 2:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 85.241 ms
Loss rate: 36.53%
-- Flow 3:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 86.666 ms
Loss rate: 31.35%

Run 5: Report of Verus — Data Link

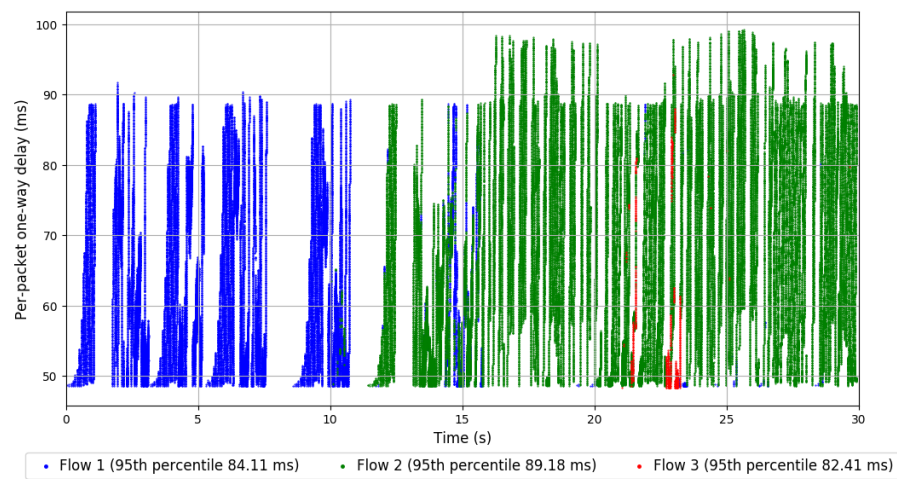
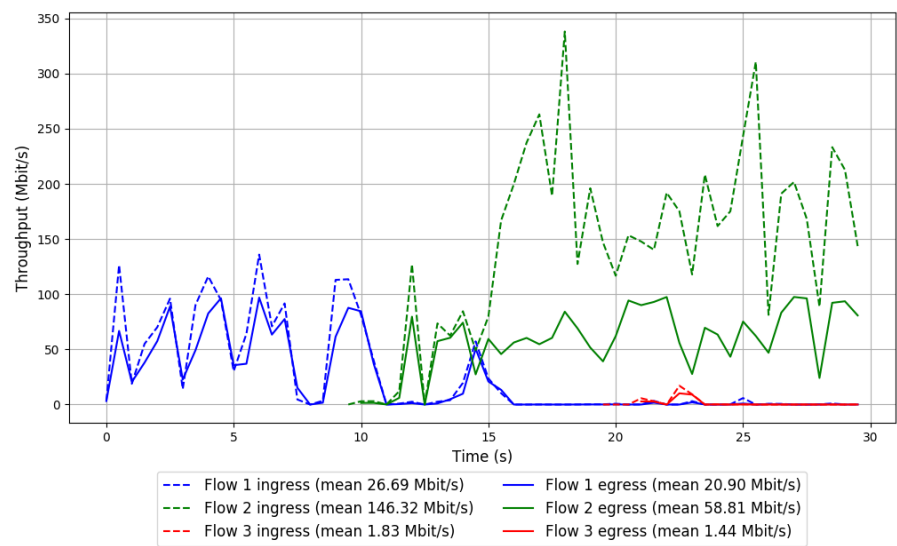


Run 6: Statistics of Verus

Start at: 2017-09-08 03:10:35
End at: 2017-09-08 03:11:05
Local clock offset: -0.159 ms
Remote clock offset: -3.013 ms

Below is generated by plot.py at 2017-09-08 05:42:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.17 Mbit/s
95th percentile per-packet one-way delay: 87.759 ms
Loss rate: 51.62%
-- Flow 1:
Average throughput: 20.90 Mbit/s
95th percentile per-packet one-way delay: 84.112 ms
Loss rate: 21.59%
-- Flow 2:
Average throughput: 58.81 Mbit/s
95th percentile per-packet one-way delay: 89.182 ms
Loss rate: 59.85%
-- Flow 3:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 82.407 ms
Loss rate: 30.10%

Run 6: Report of Verus — Data Link

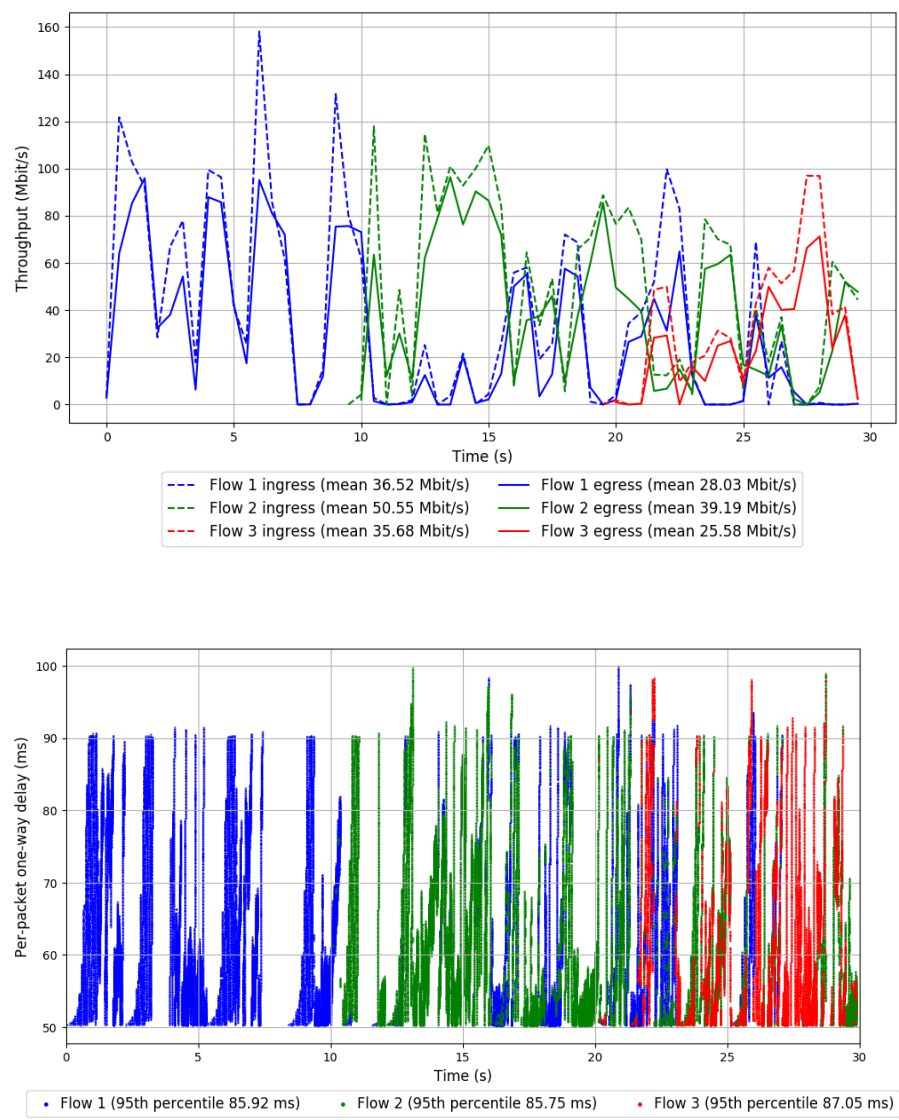


Run 7: Statistics of Verus

Start at: 2017-09-08 03:31:31
End at: 2017-09-08 03:32:01
Local clock offset: -0.058 ms
Remote clock offset: -1.074 ms

Below is generated by plot.py at 2017-09-08 05:42:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.54 Mbit/s
95th percentile per-packet one-way delay: 85.952 ms
Loss rate: 23.66%
-- Flow 1:
Average throughput: 28.03 Mbit/s
95th percentile per-packet one-way delay: 85.921 ms
Loss rate: 23.25%
-- Flow 2:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 85.752 ms
Loss rate: 22.50%
-- Flow 3:
Average throughput: 25.58 Mbit/s
95th percentile per-packet one-way delay: 87.050 ms
Loss rate: 28.30%

Run 7: Report of Verus — Data Link

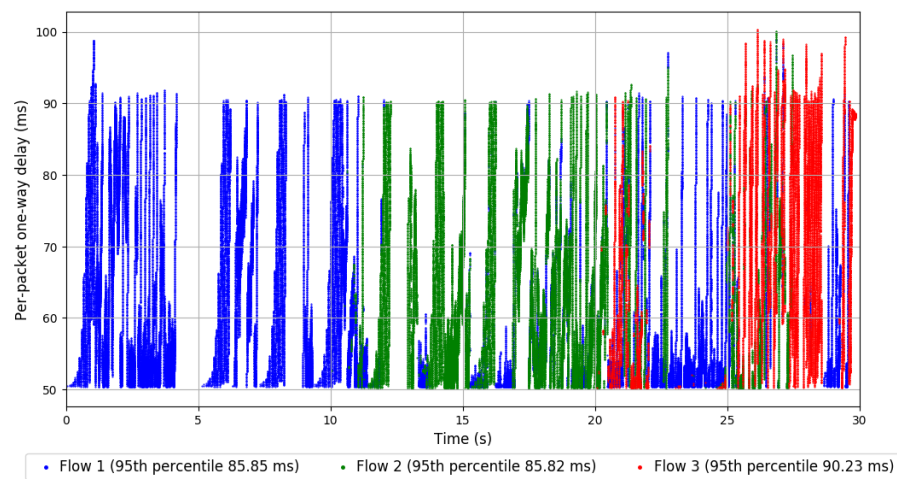
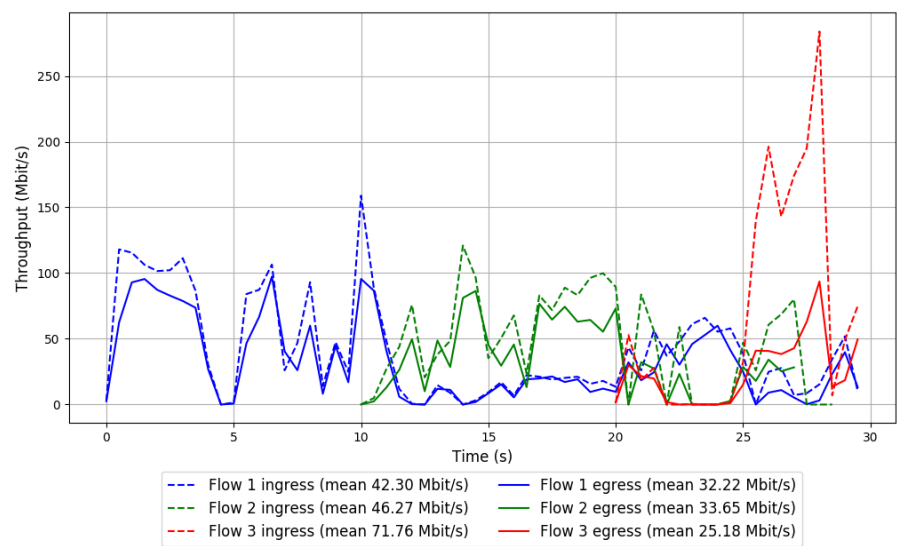


Run 8: Statistics of Verus

Start at: 2017-09-08 03:52:19
End at: 2017-09-08 03:52:49
Local clock offset: -0.01 ms
Remote clock offset: -1.191 ms

Below is generated by plot.py at 2017-09-08 05:42:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.88 Mbit/s
95th percentile per-packet one-way delay: 87.286 ms
Loss rate: 36.80%
-- Flow 1:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 85.854 ms
Loss rate: 23.75%
-- Flow 2:
Average throughput: 33.65 Mbit/s
95th percentile per-packet one-way delay: 85.820 ms
Loss rate: 33.07%
-- Flow 3:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 90.227 ms
Loss rate: 64.77%

Run 8: Report of Verus — Data Link

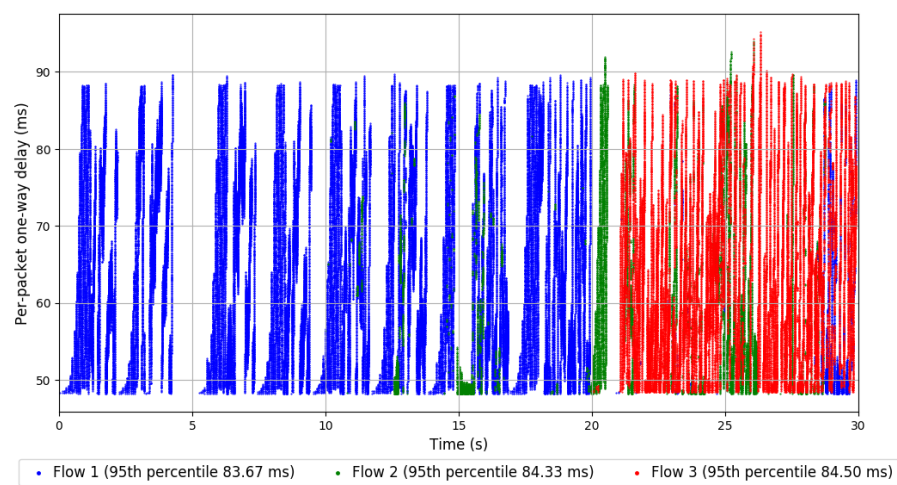
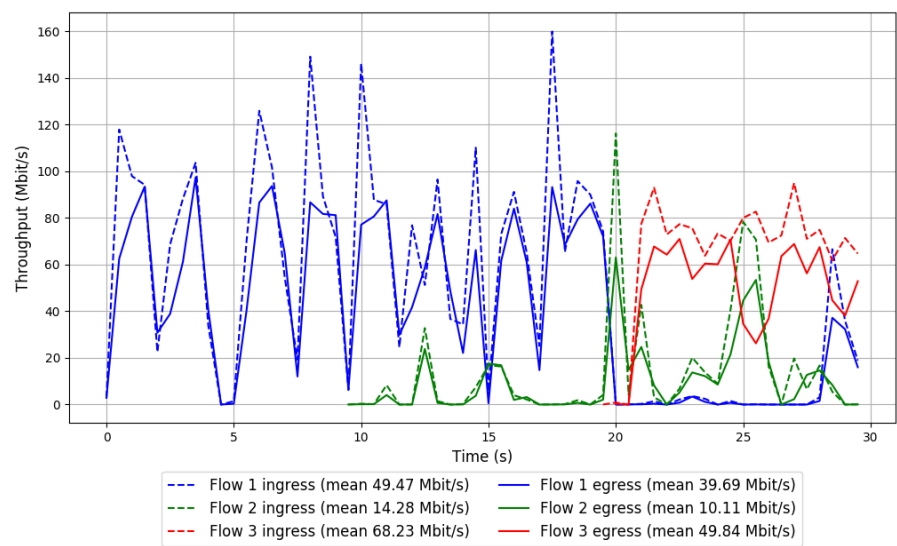


Run 9: Statistics of Verus

Start at: 2017-09-08 04:13:16
End at: 2017-09-08 04:13:46
Local clock offset: 0.159 ms
Remote clock offset: -3.217 ms

Below is generated by plot.py at 2017-09-08 05:42:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.94 Mbit/s
95th percentile per-packet one-way delay: 83.973 ms
Loss rate: 22.72%
-- Flow 1:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 83.668 ms
Loss rate: 19.65%
-- Flow 2:
Average throughput: 10.11 Mbit/s
95th percentile per-packet one-way delay: 84.329 ms
Loss rate: 29.15%
-- Flow 3:
Average throughput: 49.84 Mbit/s
95th percentile per-packet one-way delay: 84.500 ms
Loss rate: 26.75%

Run 9: Report of Verus — Data Link

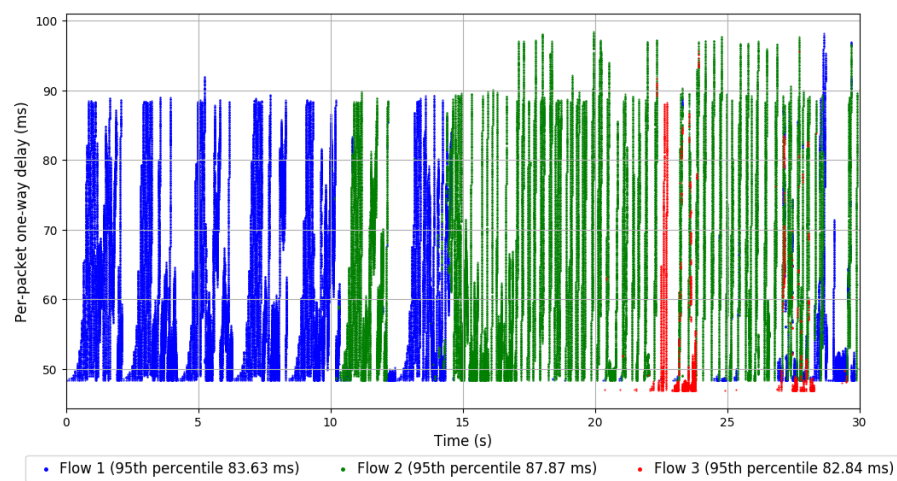
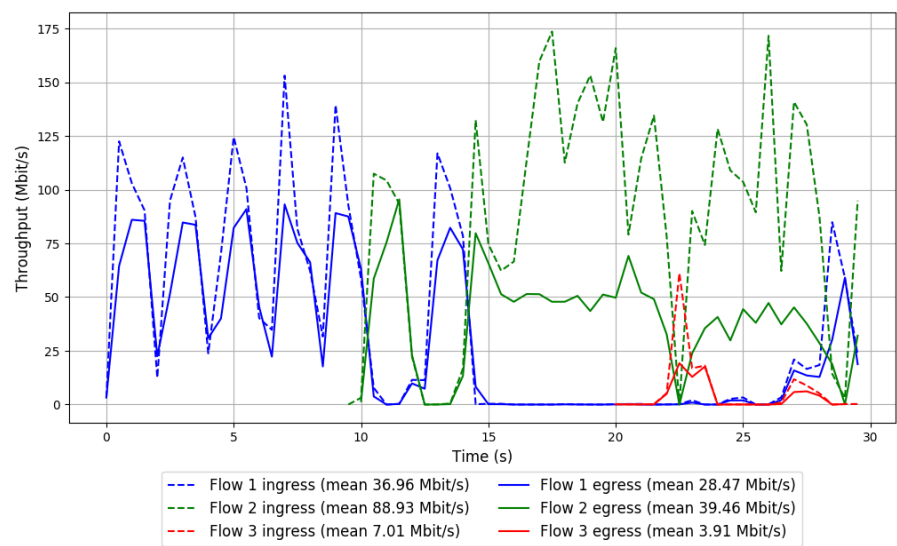


Run 10: Statistics of Verus

Start at: 2017-09-08 04:34:31
End at: 2017-09-08 04:35:01
Local clock offset: 0.039 ms
Remote clock offset: -3.224 ms

Below is generated by plot.py at 2017-09-08 05:43:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 86.045 ms
Loss rate: 43.23%
-- Flow 1:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 83.630 ms
Loss rate: 23.16%
-- Flow 2:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 87.871 ms
Loss rate: 55.69%
-- Flow 3:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 82.841 ms
Loss rate: 44.68%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-08 01:24:43

End at: 2017-09-08 01:25:13

Local clock offset: 0.007 ms

Remote clock offset: 0.137 ms

Below is generated by plot.py at 2017-09-08 05:43:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.92 Mbit/s

95th percentile per-packet one-way delay: 51.483 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 51.457 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 51.606 ms

Loss rate: 0.00%

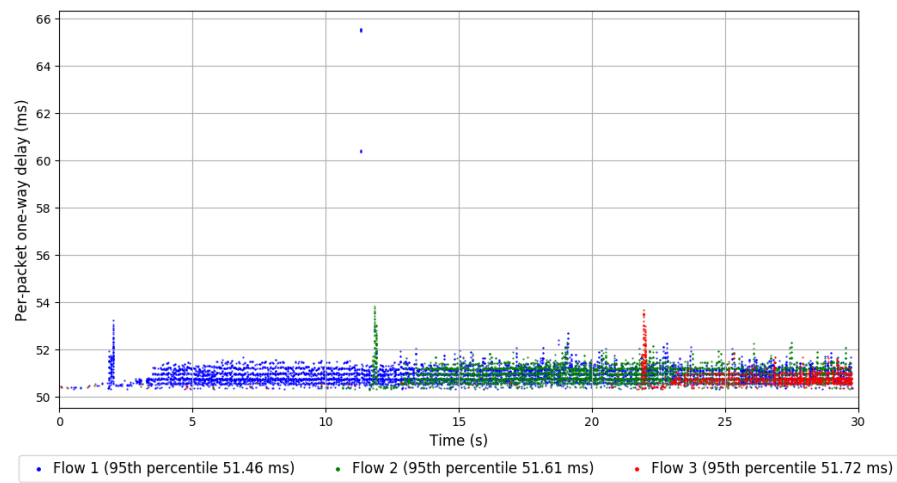
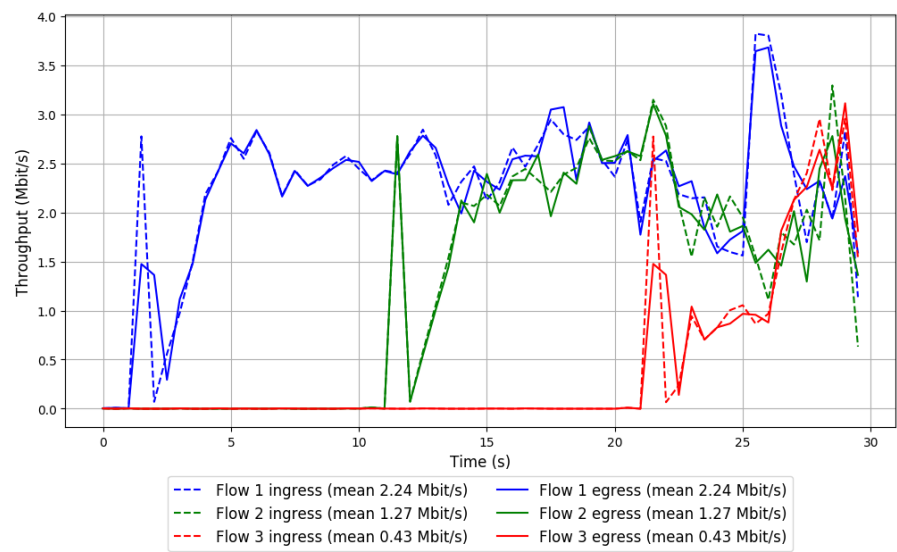
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 51.717 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

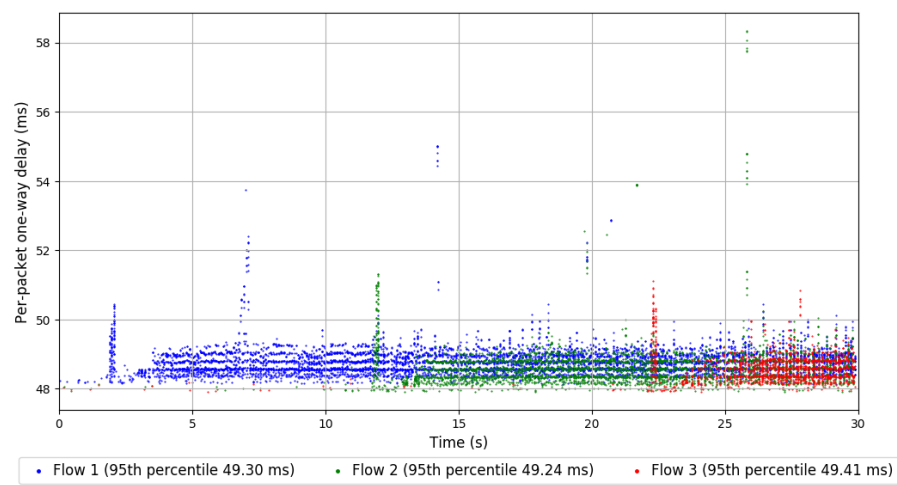
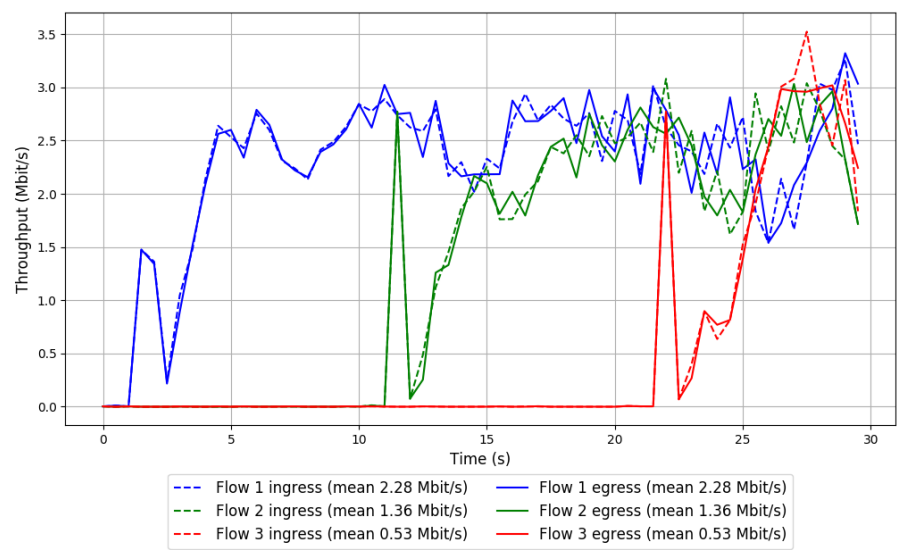


Run 2: Statistics of WebRTC media

Start at: 2017-09-08 01:45:35
End at: 2017-09-08 01:46:05
Local clock offset: -0.052 ms
Remote clock offset: -2.583 ms

Below is generated by plot.py at 2017-09-08 05:43:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.16 Mbit/s
95th percentile per-packet one-way delay: 49.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 49.301 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 49.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 49.412 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-09-08 02:06:37

End at: 2017-09-08 02:07:07

Local clock offset: -0.241 ms

Remote clock offset: -0.87 ms

Below is generated by plot.py at 2017-09-08 05:43:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.06 Mbit/s

95th percentile per-packet one-way delay: 51.175 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 49.794 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.38 Mbit/s

95th percentile per-packet one-way delay: 51.261 ms

Loss rate: 0.00%

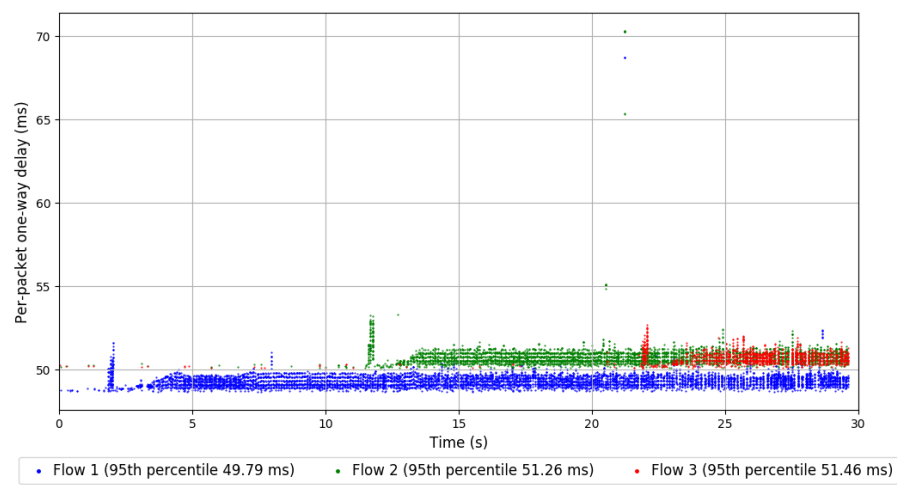
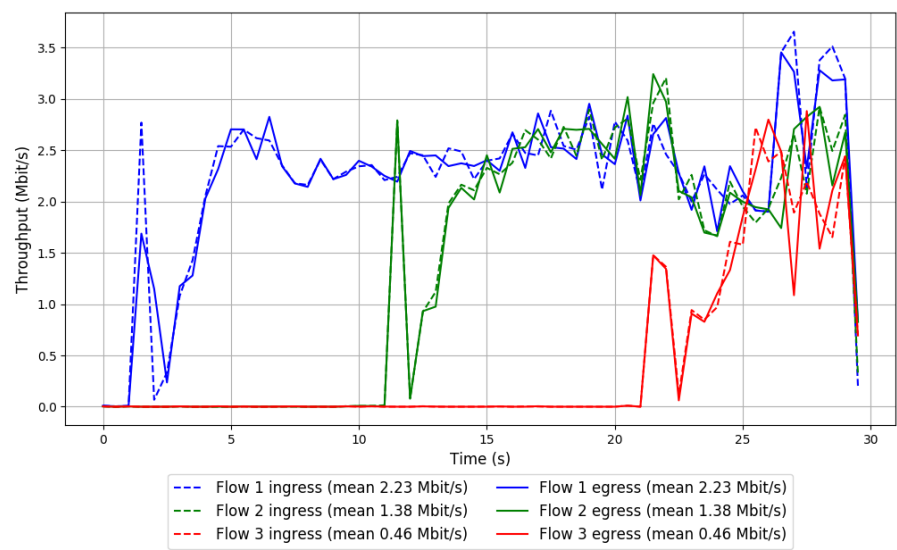
-- Flow 3:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: 51.459 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

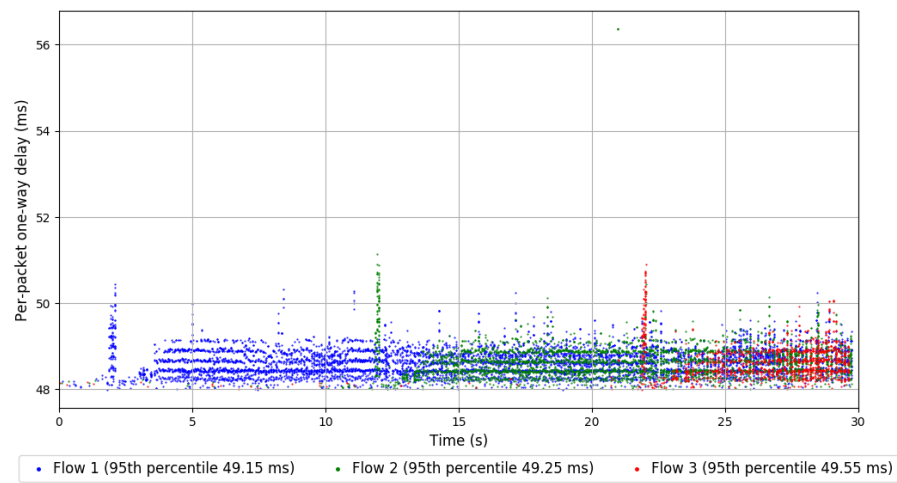
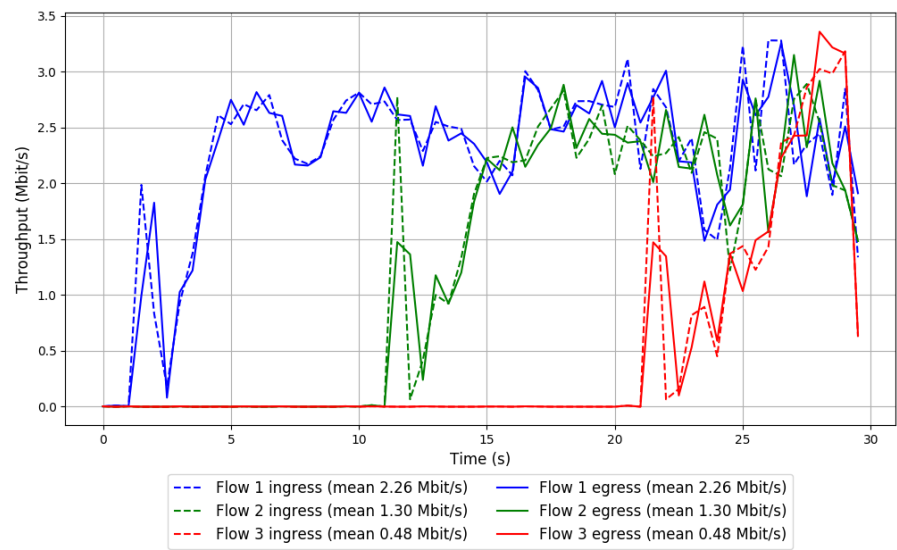


Run 4: Statistics of WebRTC media

Start at: 2017-09-08 02:27:29
End at: 2017-09-08 02:27:59
Local clock offset: -0.126 ms
Remote clock offset: -2.926 ms

Below is generated by plot.py at 2017-09-08 05:43:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 49.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 49.148 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 49.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 49.549 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

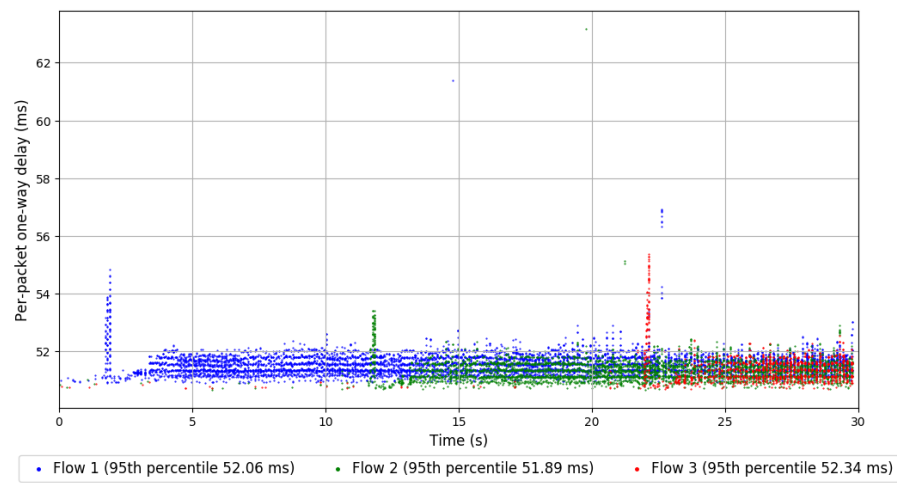
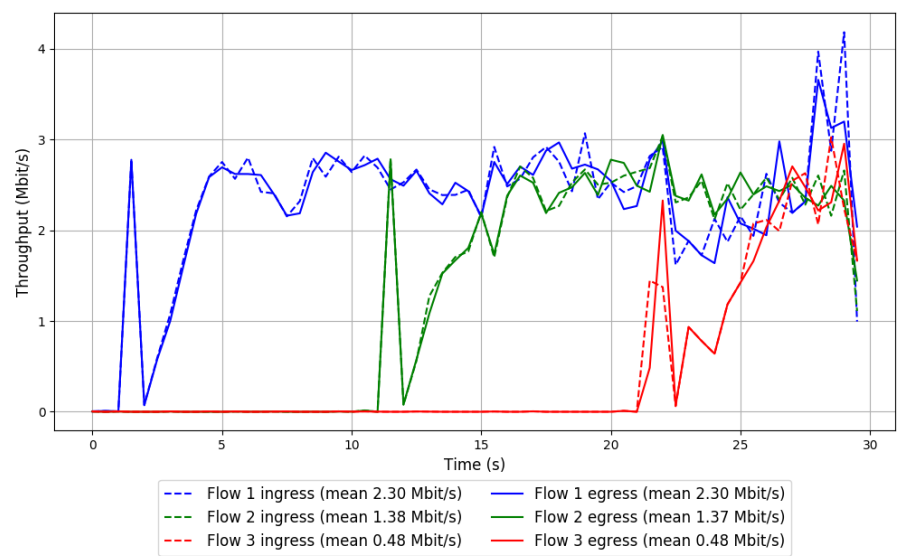


Run 5: Statistics of WebRTC media

Start at: 2017-09-08 02:48:24
End at: 2017-09-08 02:48:54
Local clock offset: -0.176 ms
Remote clock offset: -0.393 ms

Below is generated by plot.py at 2017-09-08 05:43:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 52.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 52.059 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 51.893 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 52.335 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

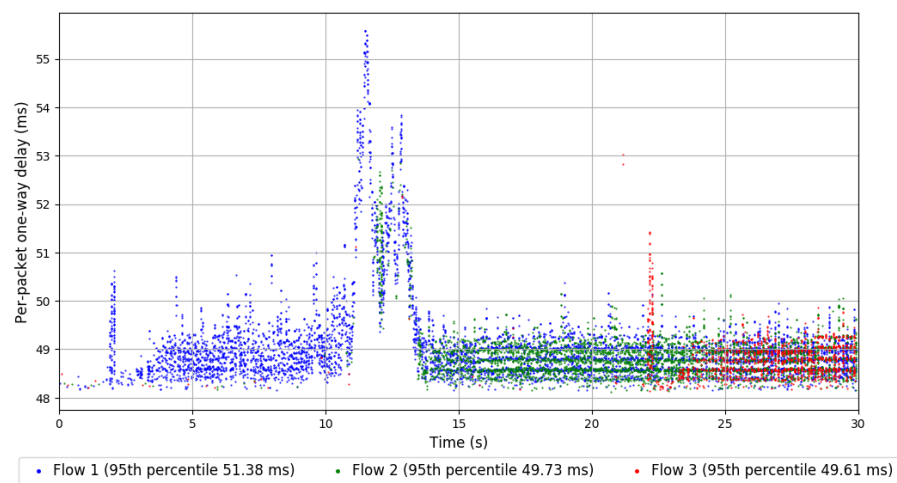
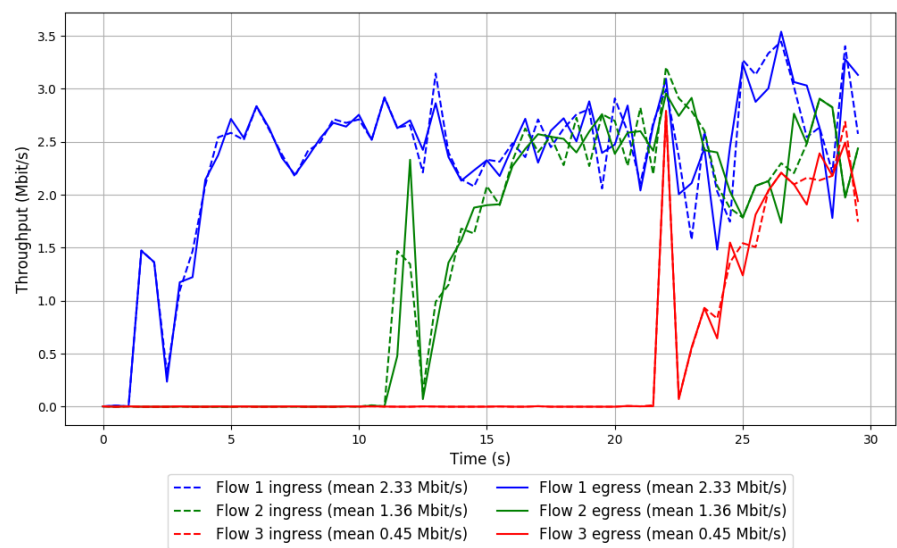


Run 6: Statistics of WebRTC media

Start at: 2017-09-08 03:09:16
End at: 2017-09-08 03:09:46
Local clock offset: -0.078 ms
Remote clock offset: -3.136 ms

Below is generated by plot.py at 2017-09-08 05:43:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 50.731 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 51.385 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 49.734 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 49.609 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

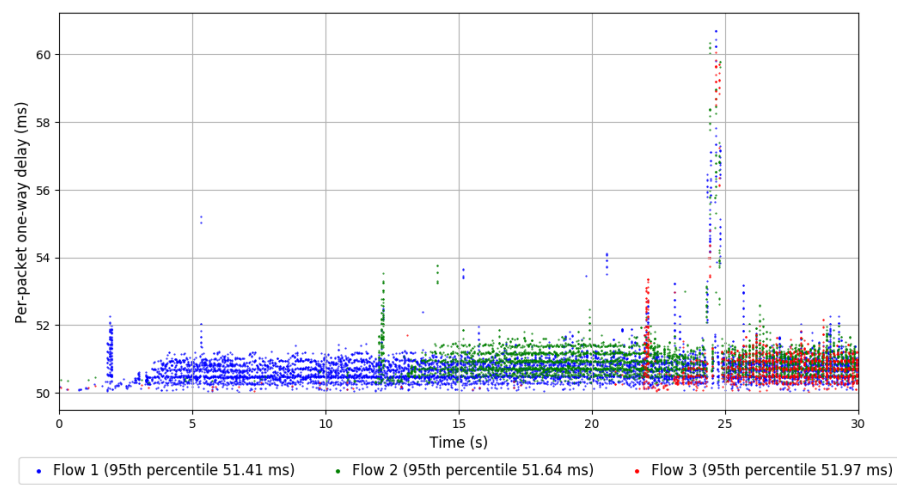
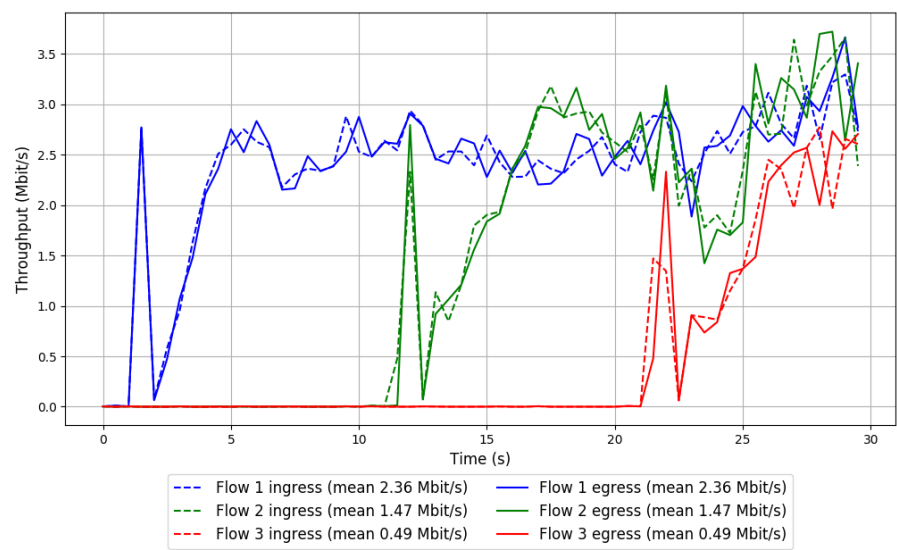


Run 7: Statistics of WebRTC media

Start at: 2017-09-08 03:30:12
End at: 2017-09-08 03:30:42
Local clock offset: -0.13 ms
Remote clock offset: -1.163 ms

Below is generated by plot.py at 2017-09-08 05:43:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 51.590 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 51.406 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 51.643 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 51.971 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

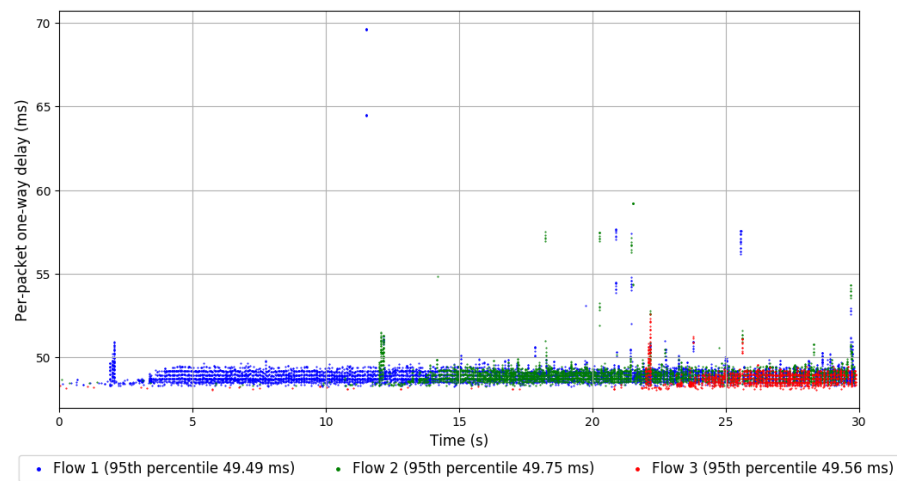
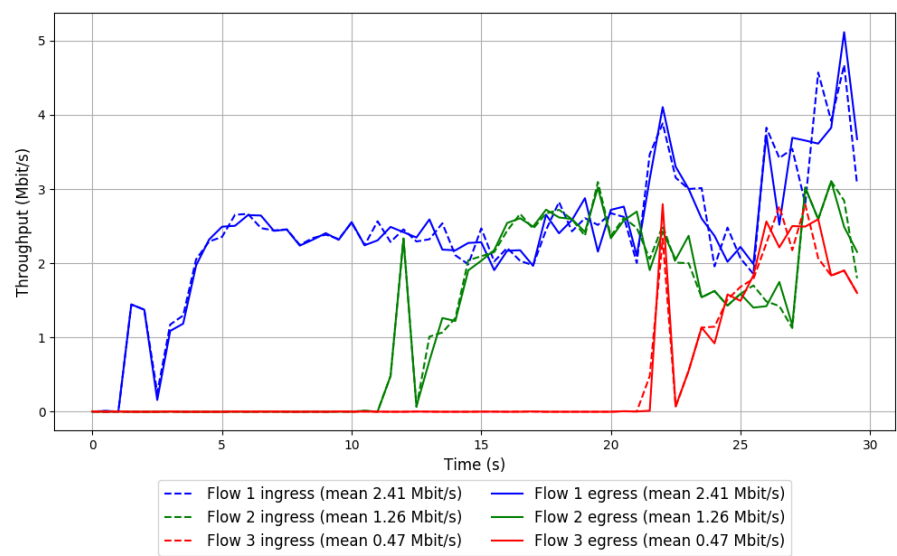


Run 8: Statistics of WebRTC media

Start at: 2017-09-08 03:51:00
End at: 2017-09-08 03:51:30
Local clock offset: -0.039 ms
Remote clock offset: -3.114 ms

Below is generated by plot.py at 2017-09-08 05:43:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 49.559 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 49.487 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 49.749 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 49.559 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

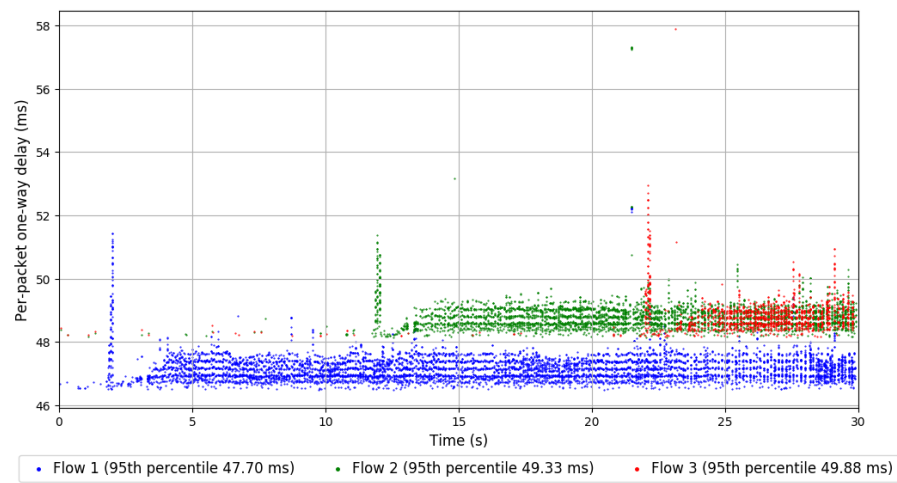
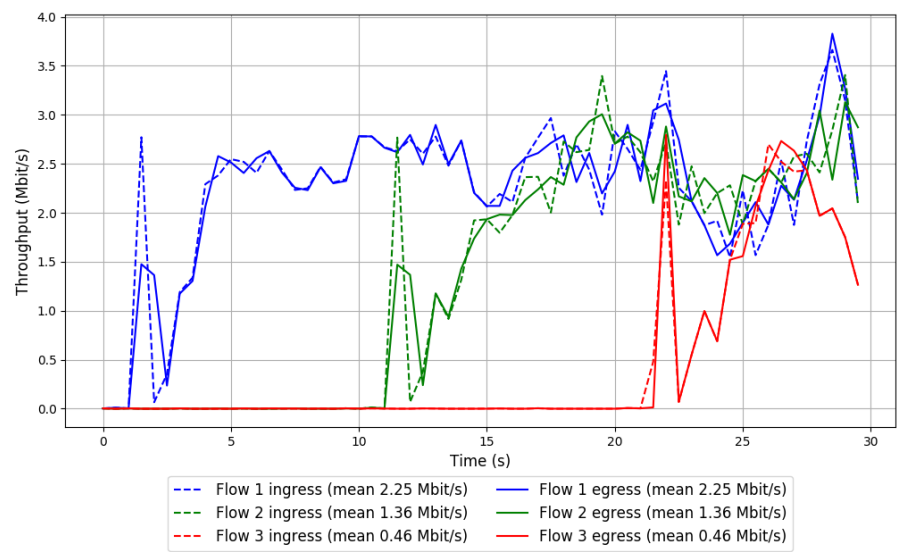


Run 9: Statistics of WebRTC media

Start at: 2017-09-08 04:11:57
End at: 2017-09-08 04:12:27
Local clock offset: 0.148 ms
Remote clock offset: -3.317 ms

Below is generated by plot.py at 2017-09-08 05:43:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 49.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 47.695 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 49.331 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 49.878 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-08 04:33:12

End at: 2017-09-08 04:33:42

Local clock offset: 0.012 ms

Remote clock offset: -3.37 ms

Below is generated by plot.py at 2017-09-08 05:43:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.90 Mbit/s

95th percentile per-packet one-way delay: 49.461 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 49.428 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 49.555 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 49.766 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

