

Pantheon Report

Generated at 2017-09-08 08:07:20 (UTC).

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

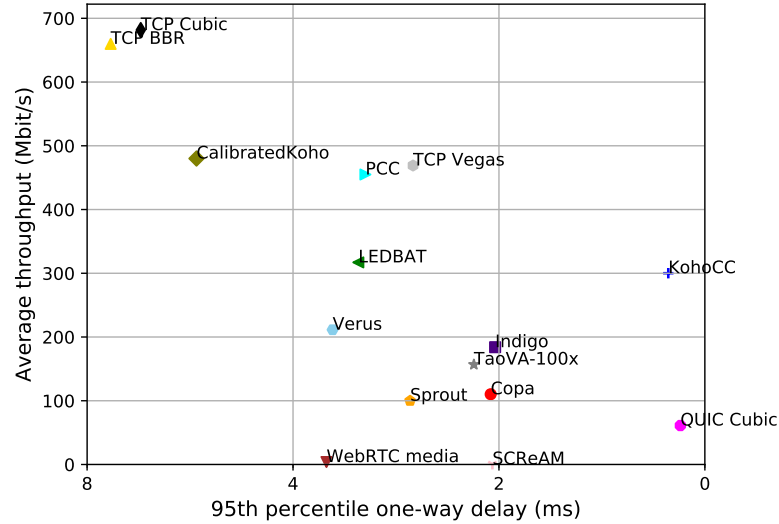
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

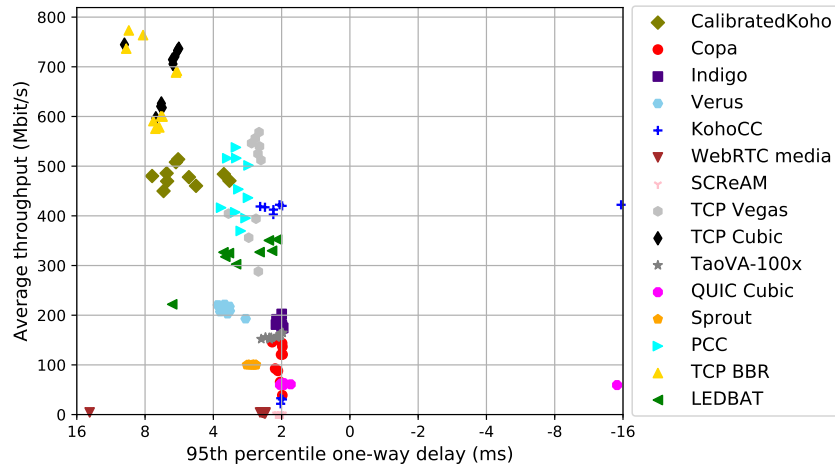
Git summary:

```
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-quick @ 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 Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil 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	380.99	298.03	242.71	7.34	6.43	6.78	0.00	0.00	0.00
CalibratedKoho	10	267.63	228.64	182.76	5.28	5.60	6.10	0.00	0.00	0.00
Copa	10	55.88	62.10	72.19	2.13	2.09	2.03	0.00	0.00	0.00
TCP Cubic	10	401.45	300.94	240.27	6.53	6.34	6.73	0.00	0.00	0.00
Indigo	10	112.72	78.97	57.84	2.00	2.06	2.07	0.00	0.00	0.00
KohoCC	10	158.53	141.26	143.79	0.33	0.36	0.41	0.00	0.00	0.00
LEDBAT	9	177.98	153.66	114.10	7.37	2.32	2.29	0.06	0.00	0.00
PCC	10	318.59	151.90	109.31	3.18	3.18	2.13	0.00	0.00	0.00
QUIC Cubic	10	1.20	64.95	54.53	6.87	0.23	0.25	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	2.06	2.01	2.02	0.00	0.00	0.00
Sprout	10	50.20	50.13	49.87	2.71	2.69	2.68	0.00	0.00	0.00
TaoVA-100x	10	84.39	81.48	72.29	2.10	2.17	2.44	0.00	0.00	0.00
TCP Vegas	10	180.63	296.17	232.89	1391.93	2.70	2.65	0.00	0.00	0.00
Verus	9	117.79	97.64	81.26	3.33	3.61	3.68	0.00	0.03	0.00
WebRTC media	10	1.88	1.44	0.50	2.42	3.72	2.72	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-09-08 01:18:37

End at: 2017-09-08 01:19:07

Local clock offset: -2.931 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at 2017-09-08 07:20:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 590.75 Mbit/s

95th percentile per-packet one-way delay: 7.351 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 355.78 Mbit/s

95th percentile per-packet one-way delay: 7.012 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 254.02 Mbit/s

95th percentile per-packet one-way delay: 7.464 ms

Loss rate: 0.00%

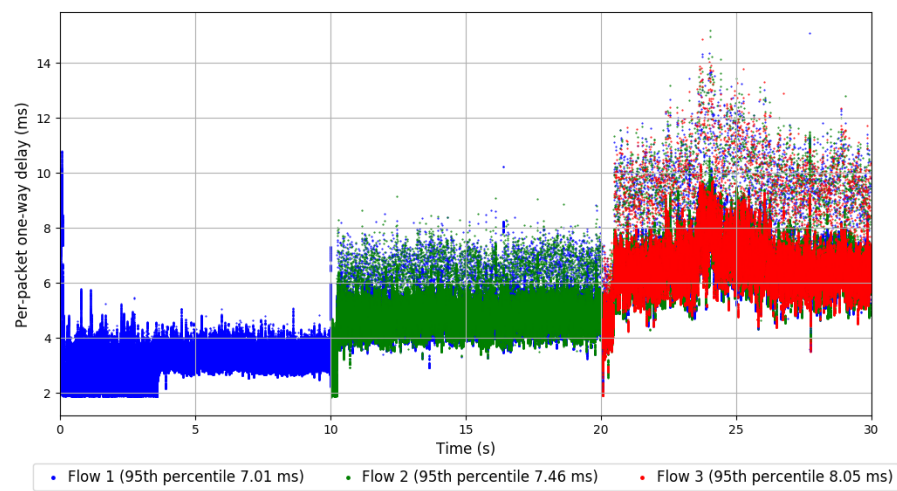
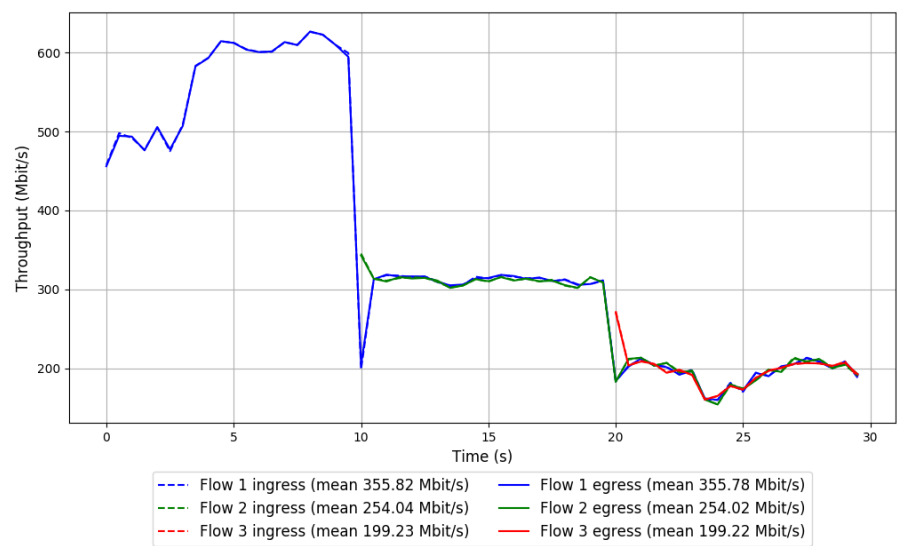
-- Flow 3:

Average throughput: 199.22 Mbit/s

95th percentile per-packet one-way delay: 8.051 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

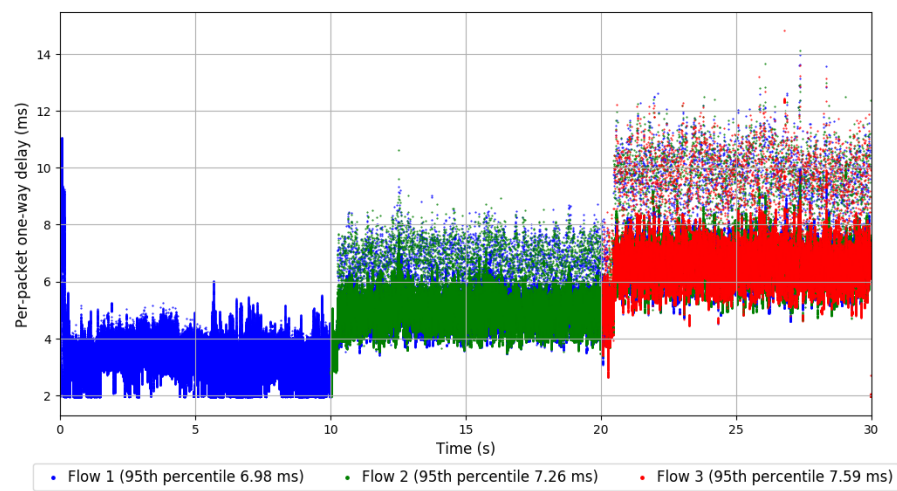
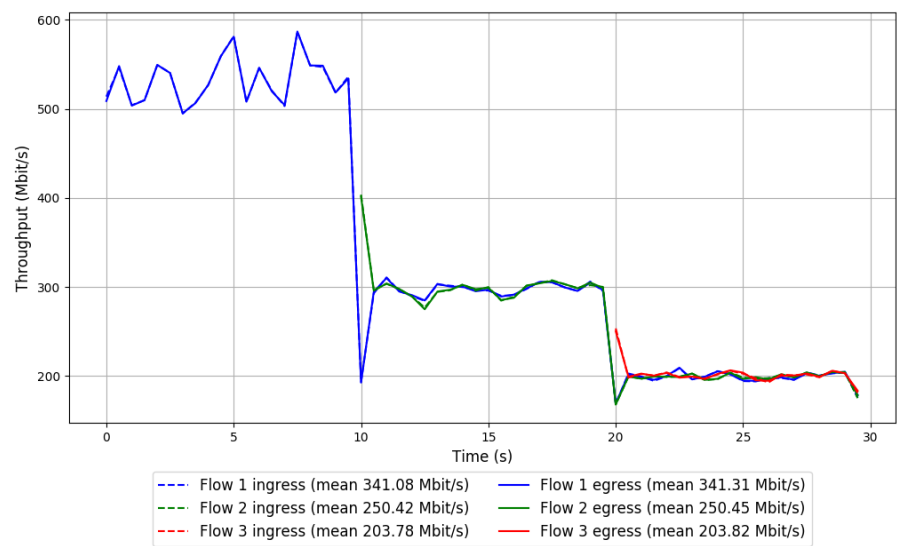


Run 2: Statistics of TCP BBR

Start at: 2017-09-08 01:37:58
End at: 2017-09-08 01:38:28
Local clock offset: -2.995 ms
Remote clock offset: -0.162 ms

Below is generated by plot.py at 2017-09-08 07:20:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 575.43 Mbit/s
95th percentile per-packet one-way delay: 7.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 341.31 Mbit/s
95th percentile per-packet one-way delay: 6.976 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 250.45 Mbit/s
95th percentile per-packet one-way delay: 7.260 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 203.82 Mbit/s
95th percentile per-packet one-way delay: 7.588 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

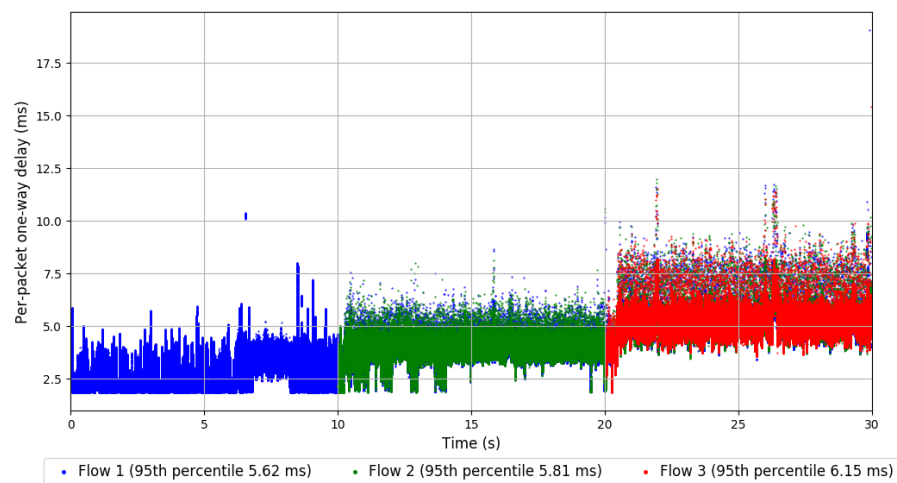
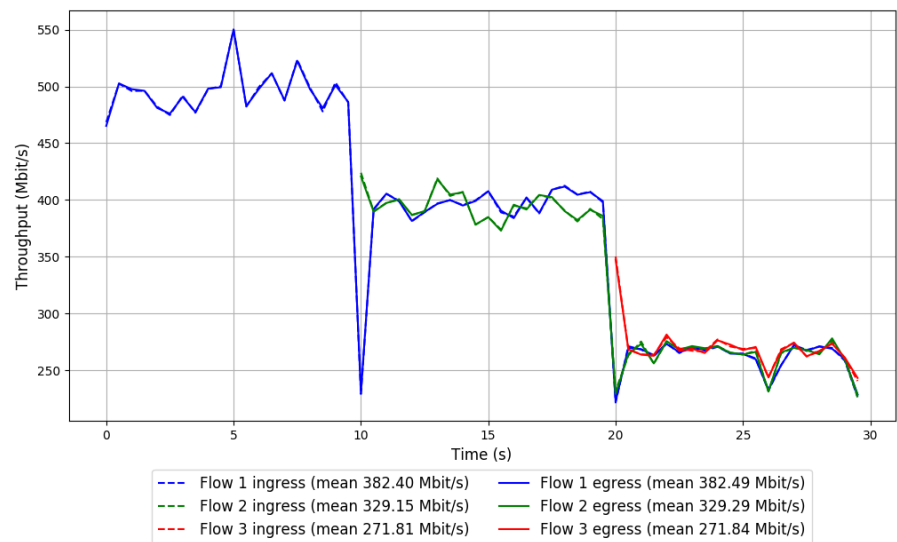


Run 3: Statistics of TCP BBR

Start at: 2017-09-08 01:57:54
End at: 2017-09-08 01:58:24
Local clock offset: -2.756 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2017-09-08 07:21:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 691.85 Mbit/s
95th percentile per-packet one-way delay: 5.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 382.49 Mbit/s
95th percentile per-packet one-way delay: 5.624 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 329.29 Mbit/s
95th percentile per-packet one-way delay: 5.814 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 271.84 Mbit/s
95th percentile per-packet one-way delay: 6.152 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

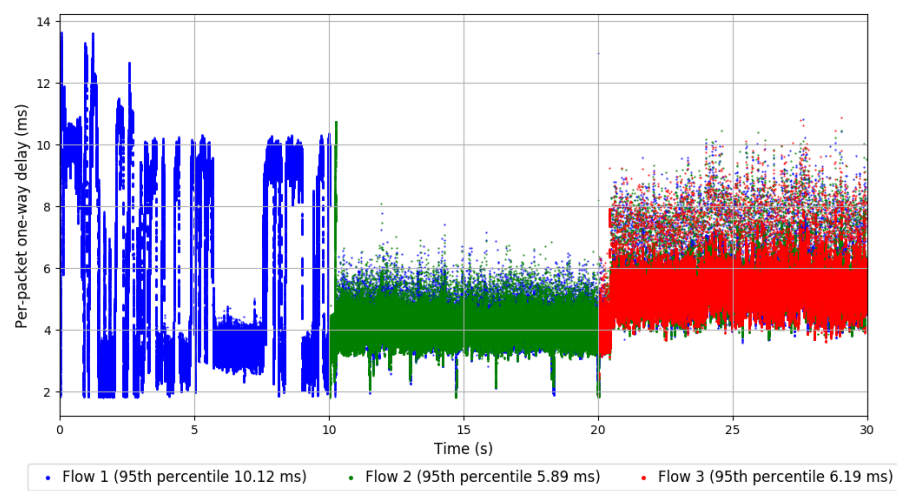
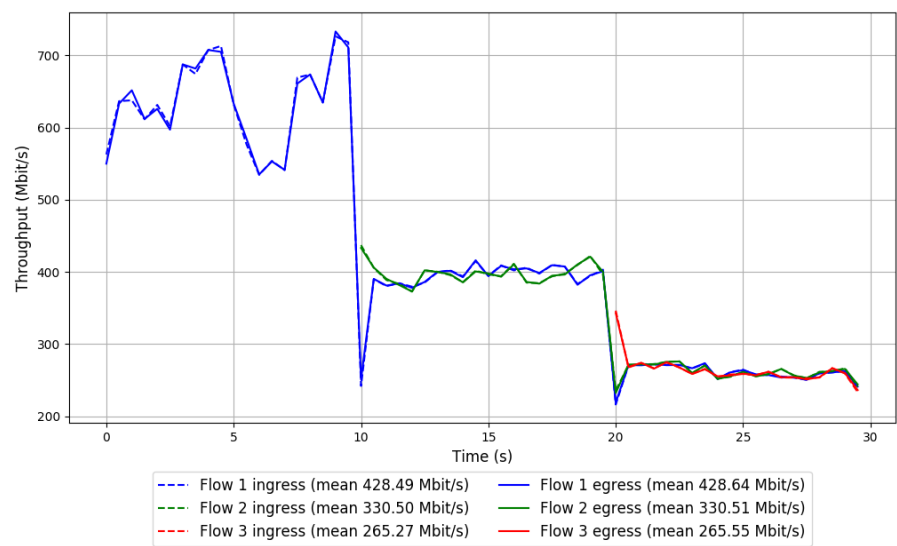


Run 4: Statistics of TCP BBR

Start at: 2017-09-08 02:18:02
End at: 2017-09-08 02:18:32
Local clock offset: -2.703 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2017-09-08 07:22:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 736.64 Mbit/s
95th percentile per-packet one-way delay: 9.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 428.64 Mbit/s
95th percentile per-packet one-way delay: 10.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 330.51 Mbit/s
95th percentile per-packet one-way delay: 5.889 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 265.55 Mbit/s
95th percentile per-packet one-way delay: 6.190 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

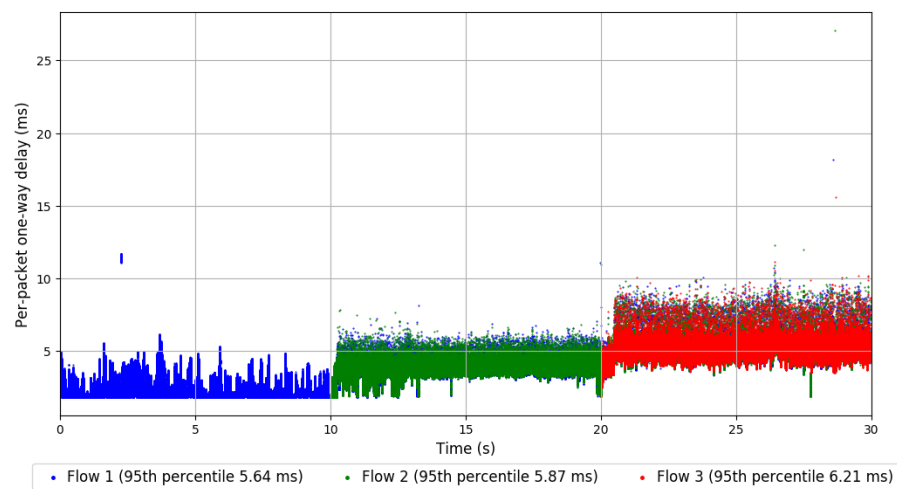
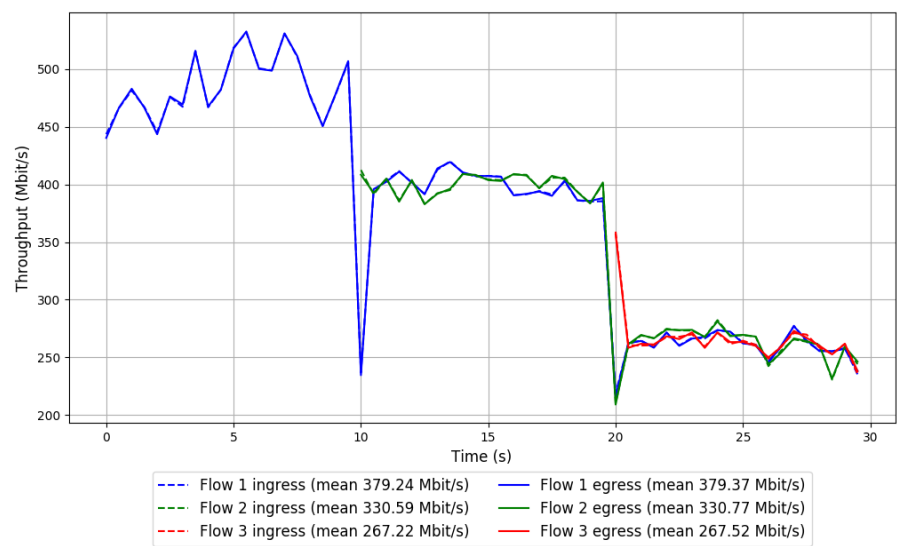


Run 5: Statistics of TCP BBR

Start at: 2017-09-08 02:38:10
End at: 2017-09-08 02:38:40
Local clock offset: -2.609 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2017-09-08 07:23:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 688.49 Mbit/s
95th percentile per-packet one-way delay: 5.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 379.37 Mbit/s
95th percentile per-packet one-way delay: 5.644 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 330.77 Mbit/s
95th percentile per-packet one-way delay: 5.866 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 267.52 Mbit/s
95th percentile per-packet one-way delay: 6.205 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

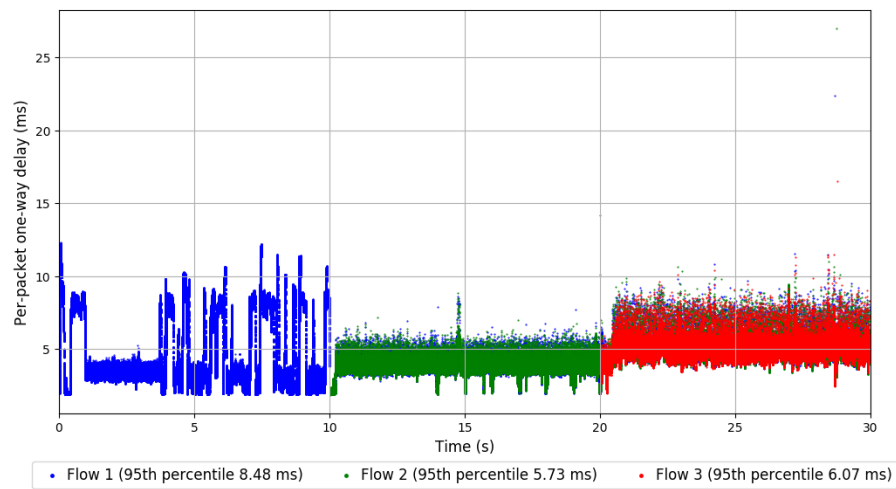
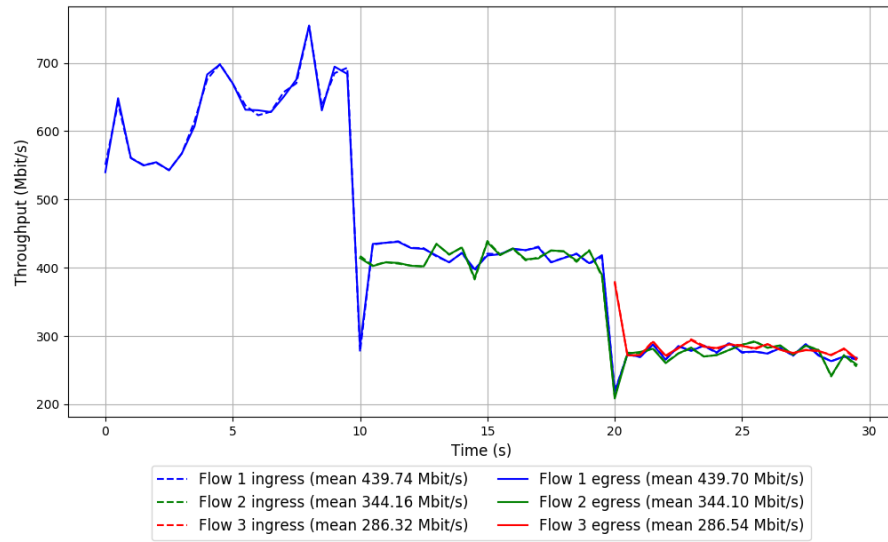


Run 6: Statistics of TCP BBR

Start at: 2017-09-08 02:58:11
End at: 2017-09-08 02:58:41
Local clock offset: -2.639 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2017-09-08 07:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 763.80 Mbit/s
95th percentile per-packet one-way delay: 8.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 439.70 Mbit/s
95th percentile per-packet one-way delay: 8.482 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 344.10 Mbit/s
95th percentile per-packet one-way delay: 5.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 286.54 Mbit/s
95th percentile per-packet one-way delay: 6.071 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

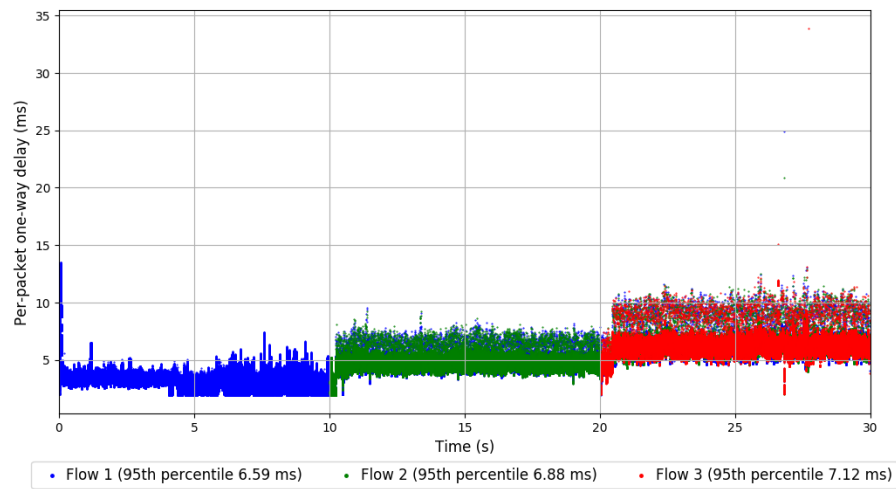
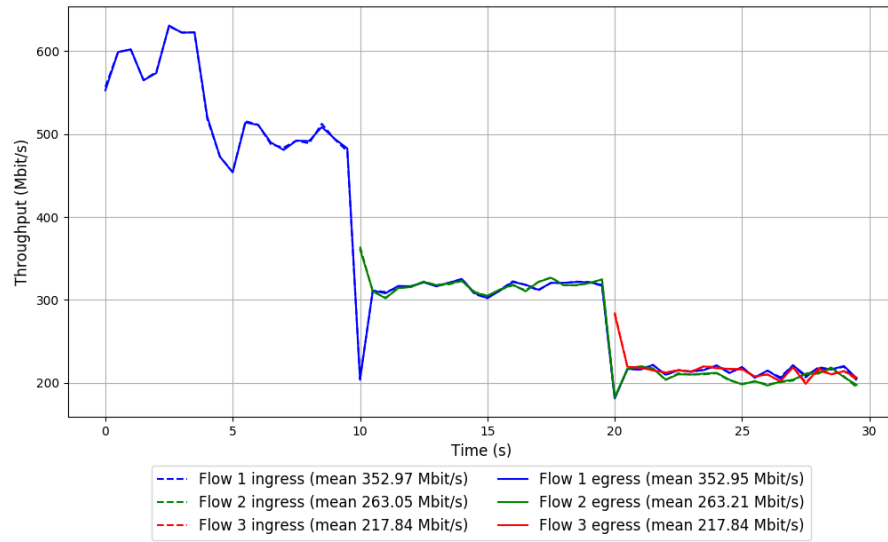


Run 7: Statistics of TCP BBR

Start at: 2017-09-08 03:18:04
End at: 2017-09-08 03:18:34
Local clock offset: -2.747 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2017-09-08 07:24:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 600.53 Mbit/s
95th percentile per-packet one-way delay: 6.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 352.95 Mbit/s
95th percentile per-packet one-way delay: 6.590 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 263.21 Mbit/s
95th percentile per-packet one-way delay: 6.875 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 217.84 Mbit/s
95th percentile per-packet one-way delay: 7.116 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

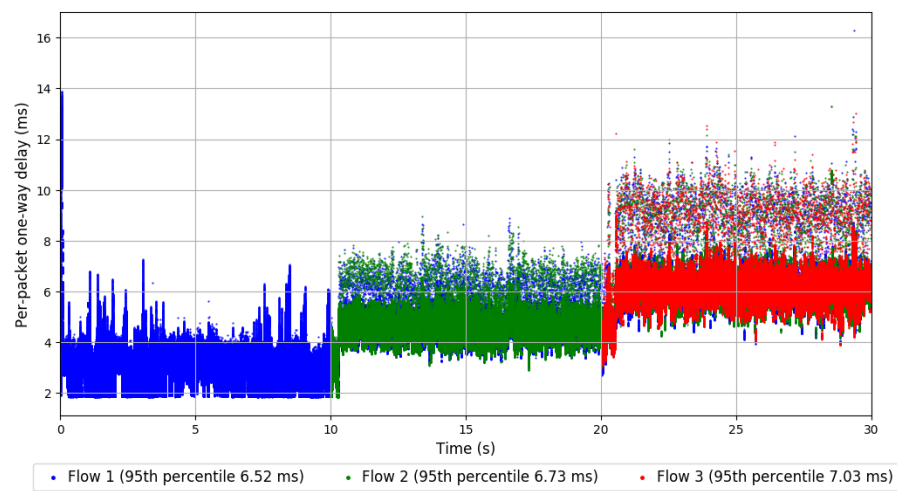
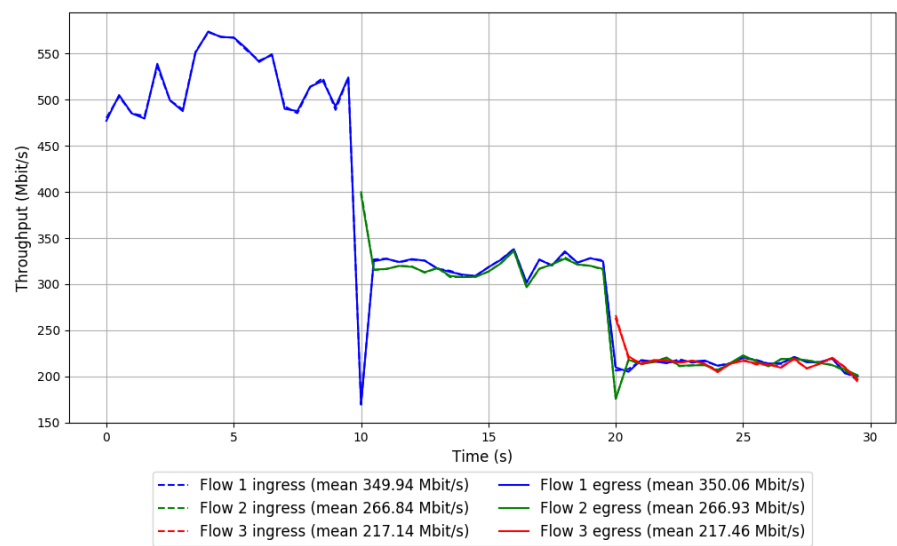


Run 8: Statistics of TCP BBR

Start at: 2017-09-08 03:37:56
End at: 2017-09-08 03:38:26
Local clock offset: -2.828 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2017-09-08 07:24:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 599.87 Mbit/s
95th percentile per-packet one-way delay: 6.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 350.06 Mbit/s
95th percentile per-packet one-way delay: 6.522 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 266.93 Mbit/s
95th percentile per-packet one-way delay: 6.732 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 217.46 Mbit/s
95th percentile per-packet one-way delay: 7.028 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

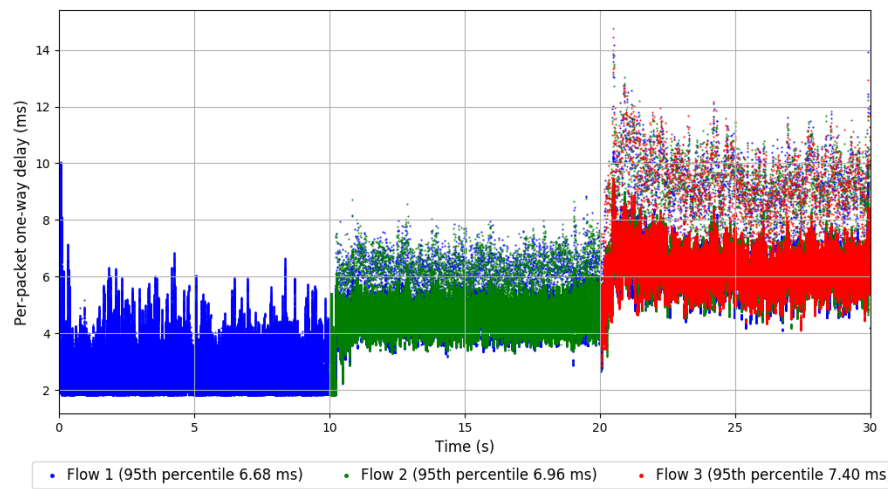
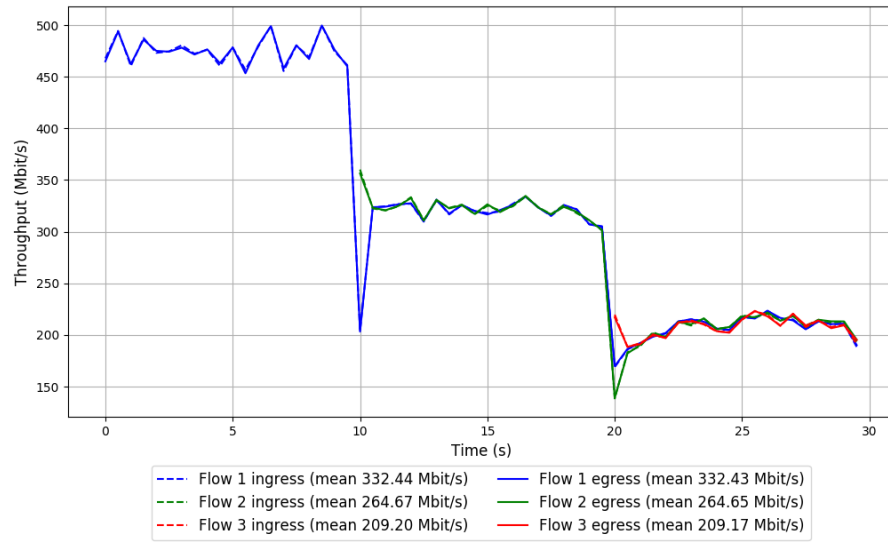


Run 9: Statistics of TCP BBR

Start at: 2017-09-08 03:57:40
End at: 2017-09-08 03:58:10
Local clock offset: -2.897 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2017-09-08 07:25:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 578.07 Mbit/s
95th percentile per-packet one-way delay: 6.922 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 332.43 Mbit/s
95th percentile per-packet one-way delay: 6.683 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 264.65 Mbit/s
95th percentile per-packet one-way delay: 6.963 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 209.17 Mbit/s
95th percentile per-packet one-way delay: 7.402 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

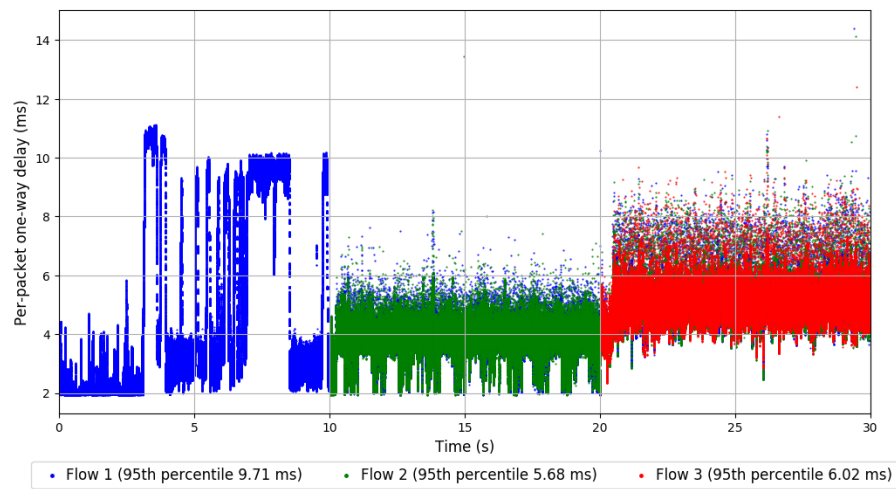
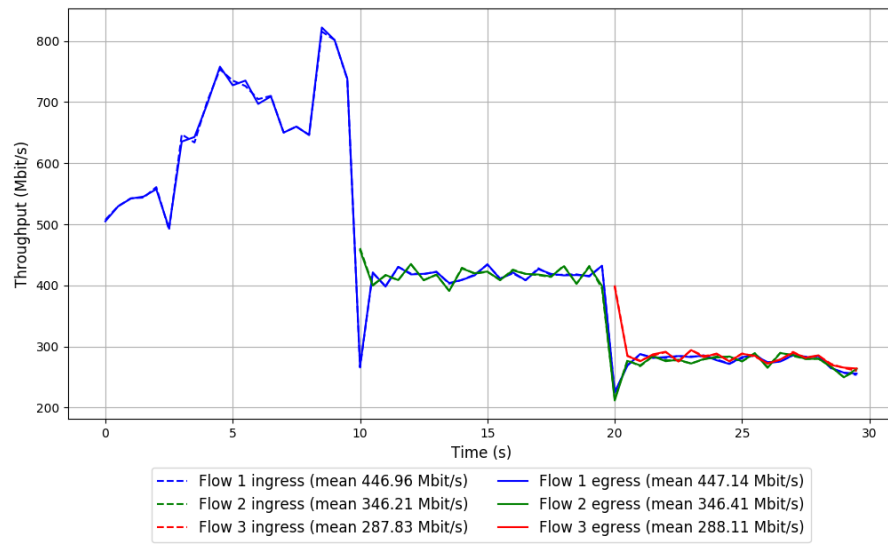


Run 10: Statistics of TCP BBR

Start at: 2017-09-08 04:17:25
End at: 2017-09-08 04:17:55
Local clock offset: -3.039 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2017-09-08 07:26:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 773.26 Mbit/s
95th percentile per-packet one-way delay: 9.434 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 447.14 Mbit/s
95th percentile per-packet one-way delay: 9.711 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 346.41 Mbit/s
95th percentile per-packet one-way delay: 5.679 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 288.11 Mbit/s
95th percentile per-packet one-way delay: 6.022 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-09-08 01:17:02

End at: 2017-09-08 01:17:32

Local clock offset: -2.932 ms

Remote clock offset: 0.074 ms

Below is generated by plot.py at 2017-09-08 07:26:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 485.67 Mbit/s

95th percentile per-packet one-way delay: 6.426 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 268.14 Mbit/s

95th percentile per-packet one-way delay: 6.174 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 234.42 Mbit/s

95th percentile per-packet one-way delay: 6.461 ms

Loss rate: 0.00%

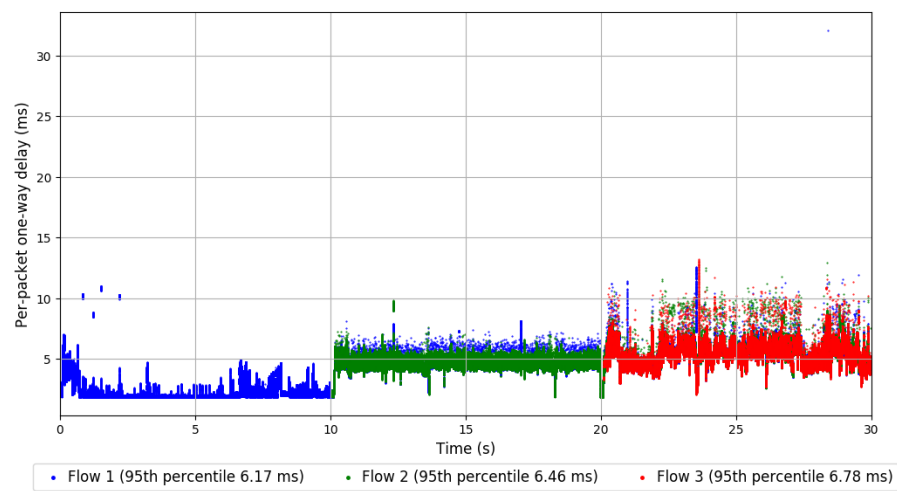
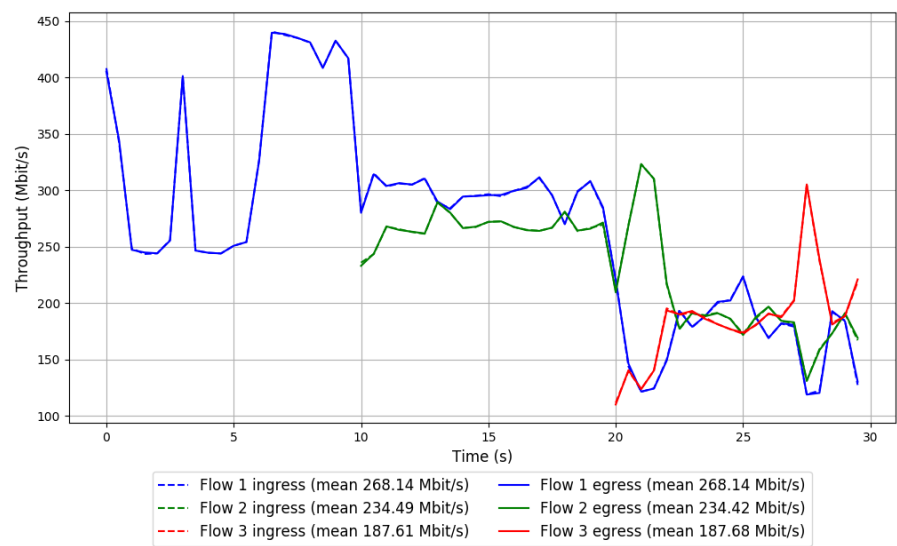
-- Flow 3:

Average throughput: 187.68 Mbit/s

95th percentile per-packet one-way delay: 6.781 ms

Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: 2017-09-08 01:36:24

End at: 2017-09-08 01:36:54

Local clock offset: -2.895 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2017-09-08 07:27:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 449.92 Mbit/s

95th percentile per-packet one-way delay: 6.631 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 240.29 Mbit/s

95th percentile per-packet one-way delay: 6.372 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 214.36 Mbit/s

95th percentile per-packet one-way delay: 6.675 ms

Loss rate: 0.00%

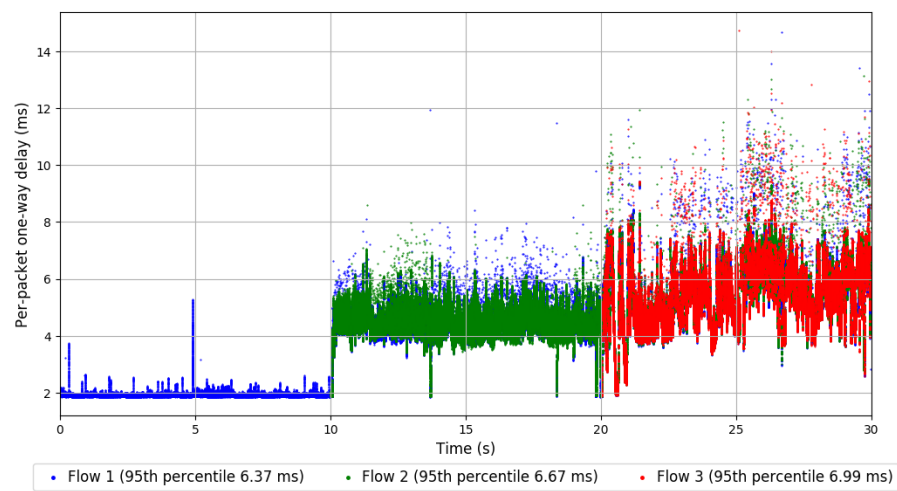
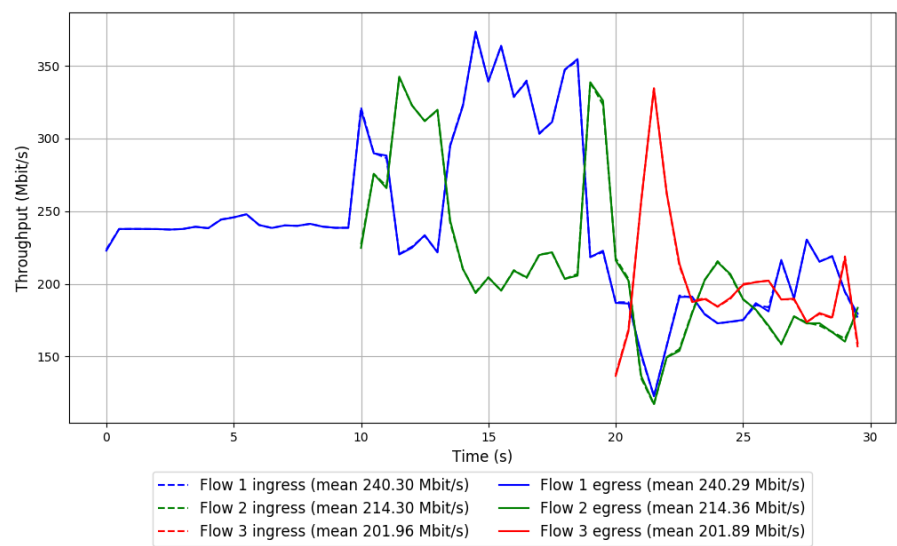
-- Flow 3:

Average throughput: 201.89 Mbit/s

95th percentile per-packet one-way delay: 6.991 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link

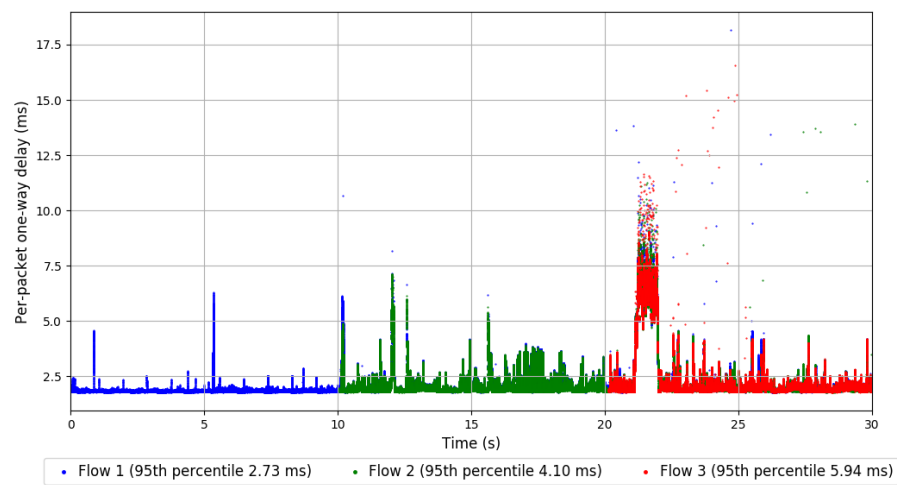
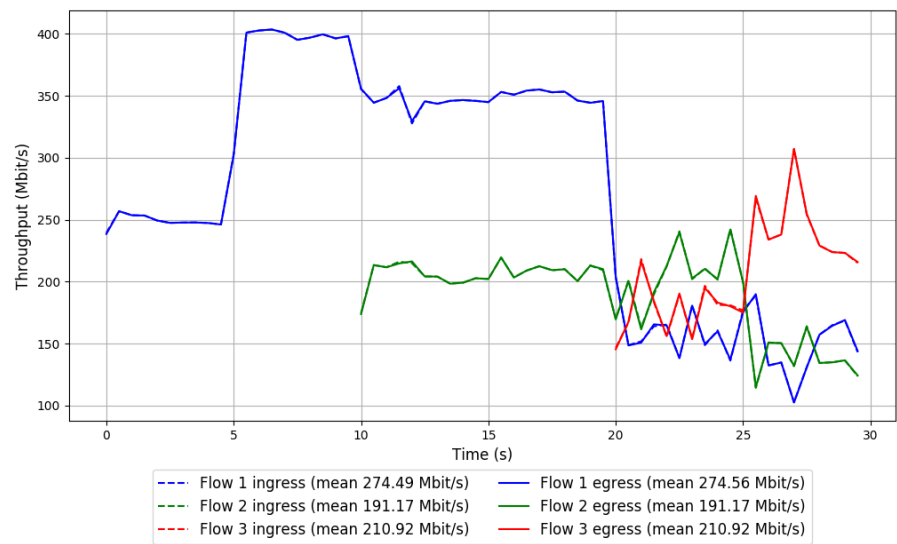


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-08 01:56:18
End at: 2017-09-08 01:56:48
Local clock offset: -2.791 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2017-09-08 07:27:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 470.57 Mbit/s
95th percentile per-packet one-way delay: 3.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 274.56 Mbit/s
95th percentile per-packet one-way delay: 2.731 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 191.17 Mbit/s
95th percentile per-packet one-way delay: 4.097 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 210.92 Mbit/s
95th percentile per-packet one-way delay: 5.942 ms
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

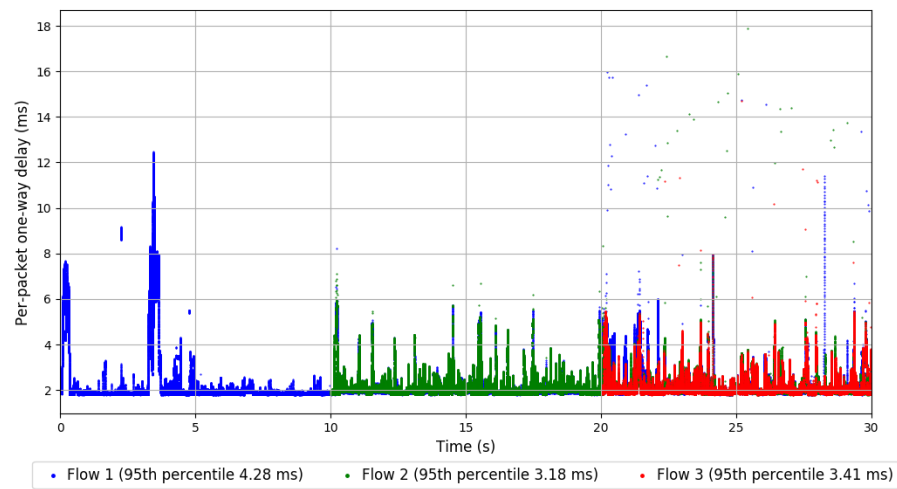
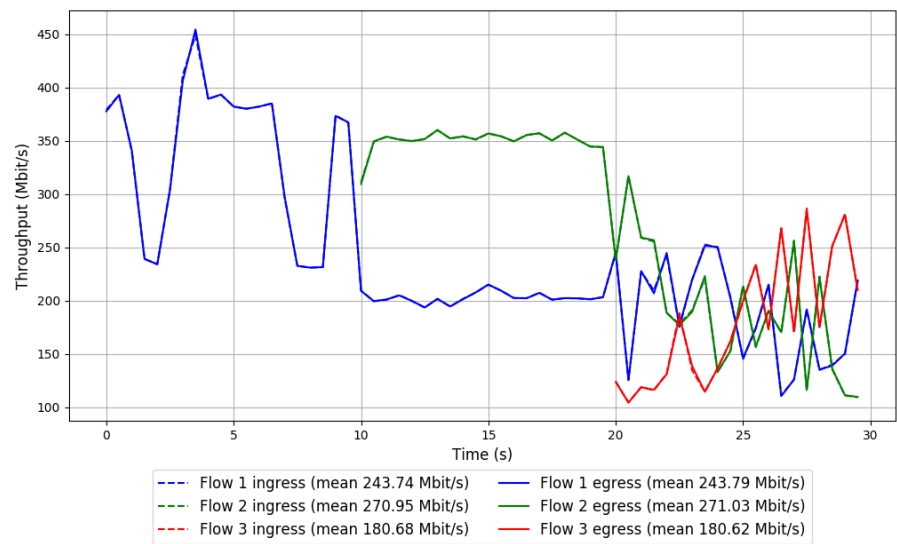


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-08 02:16:26
End at: 2017-09-08 02:16:56
Local clock offset: -2.681 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2017-09-08 07:28:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 483.97 Mbit/s
95th percentile per-packet one-way delay: 3.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 243.79 Mbit/s
95th percentile per-packet one-way delay: 4.281 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 271.03 Mbit/s
95th percentile per-packet one-way delay: 3.184 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 180.62 Mbit/s
95th percentile per-packet one-way delay: 3.414 ms
Loss rate: 0.03%

Run 4: Report of CalibratedKoho — Data Link

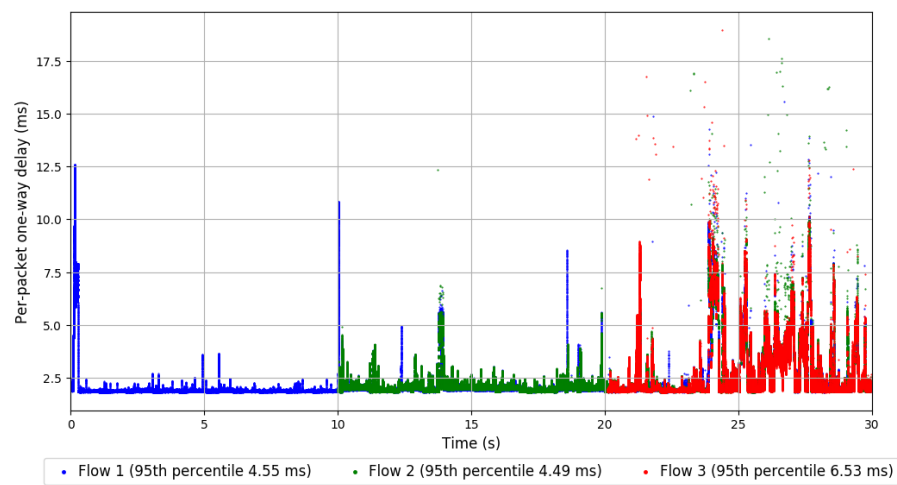
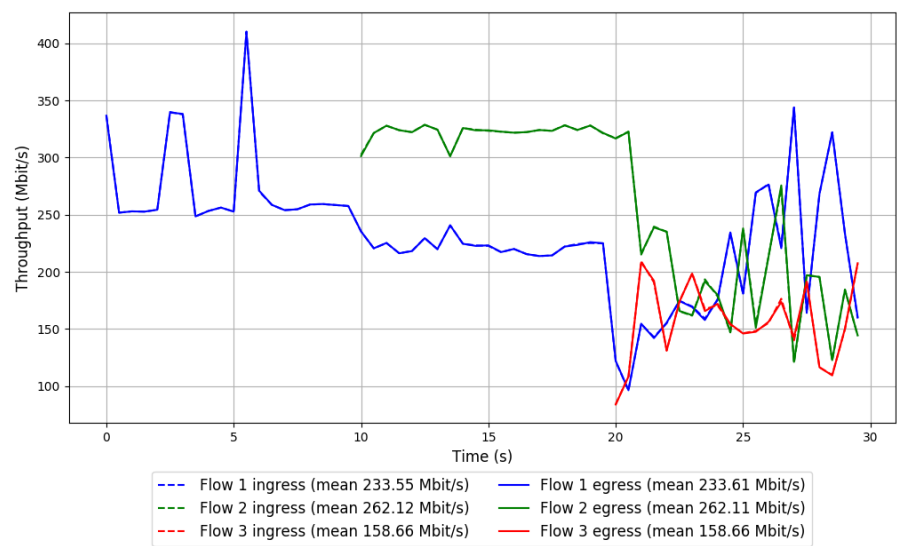


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-08 02:36:36
End at: 2017-09-08 02:37:06
Local clock offset: -2.616 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2017-09-08 07:29:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 460.37 Mbit/s
95th percentile per-packet one-way delay: 4.769 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 233.61 Mbit/s
95th percentile per-packet one-way delay: 4.553 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 262.11 Mbit/s
95th percentile per-packet one-way delay: 4.493 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.66 Mbit/s
95th percentile per-packet one-way delay: 6.526 ms
Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link

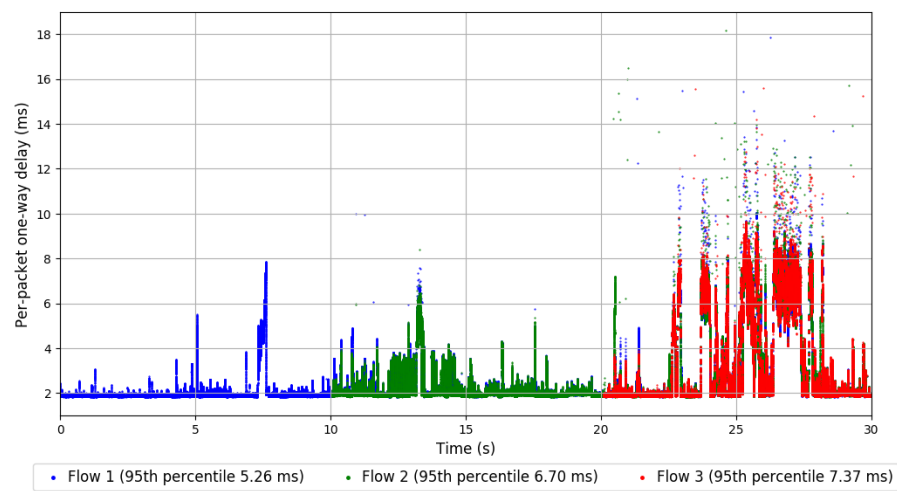
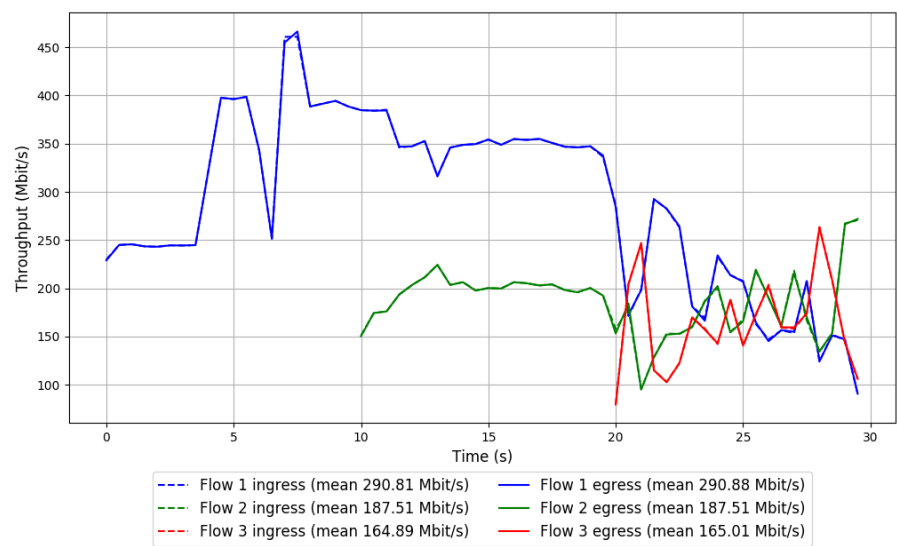


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-08 02:56:36
End at: 2017-09-08 02:57:06
Local clock offset: -2.553 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2017-09-08 07:29:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 469.74 Mbit/s
95th percentile per-packet one-way delay: 6.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 290.88 Mbit/s
95th percentile per-packet one-way delay: 5.261 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 187.51 Mbit/s
95th percentile per-packet one-way delay: 6.704 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.01 Mbit/s
95th percentile per-packet one-way delay: 7.373 ms
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link

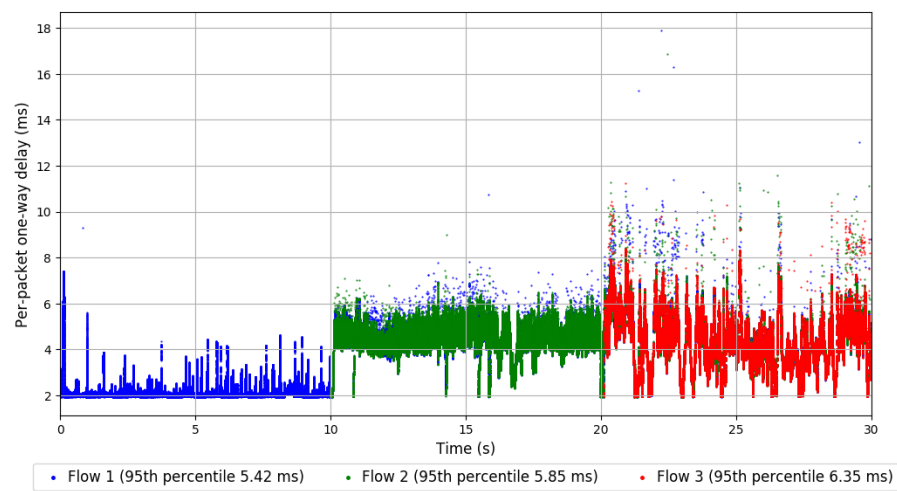
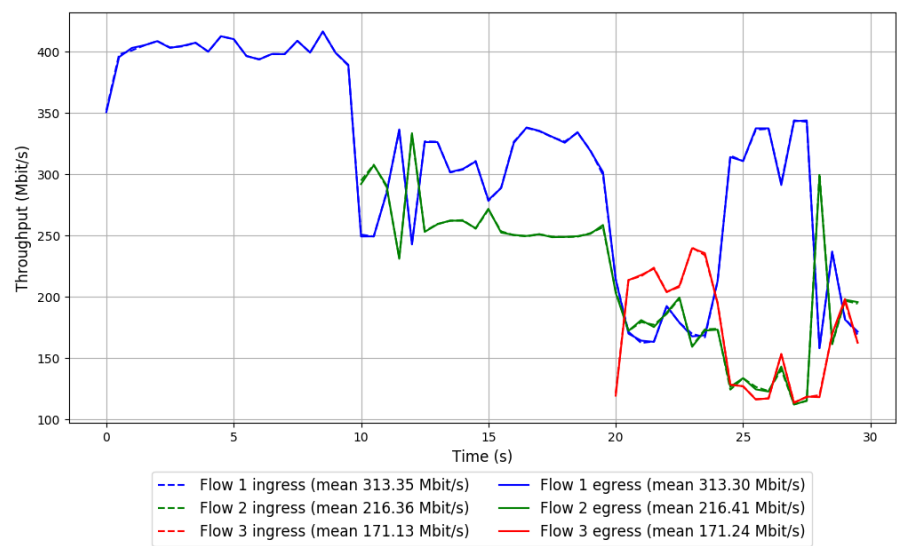


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-08 03:16:26
End at: 2017-09-08 03:16:56
Local clock offset: -2.738 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2017-09-08 07:30:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 513.81 Mbit/s
95th percentile per-packet one-way delay: 5.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 313.30 Mbit/s
95th percentile per-packet one-way delay: 5.415 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 216.41 Mbit/s
95th percentile per-packet one-way delay: 5.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 171.24 Mbit/s
95th percentile per-packet one-way delay: 6.352 ms
Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link

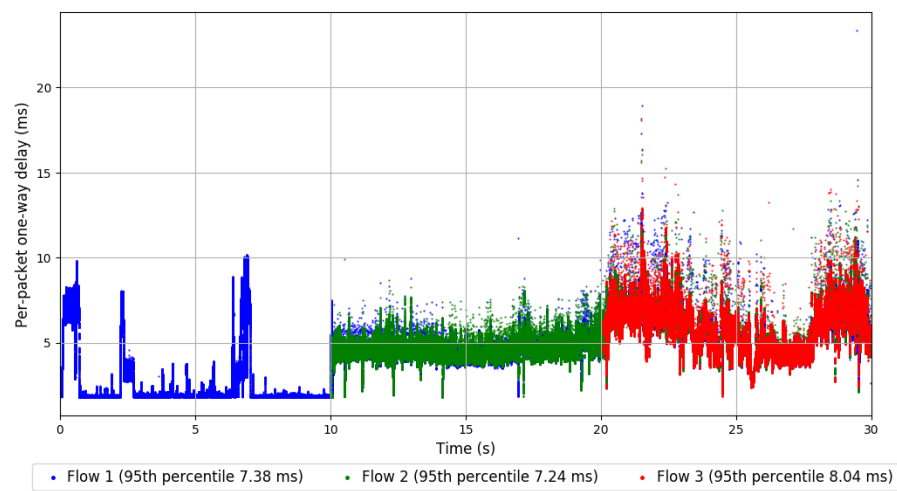
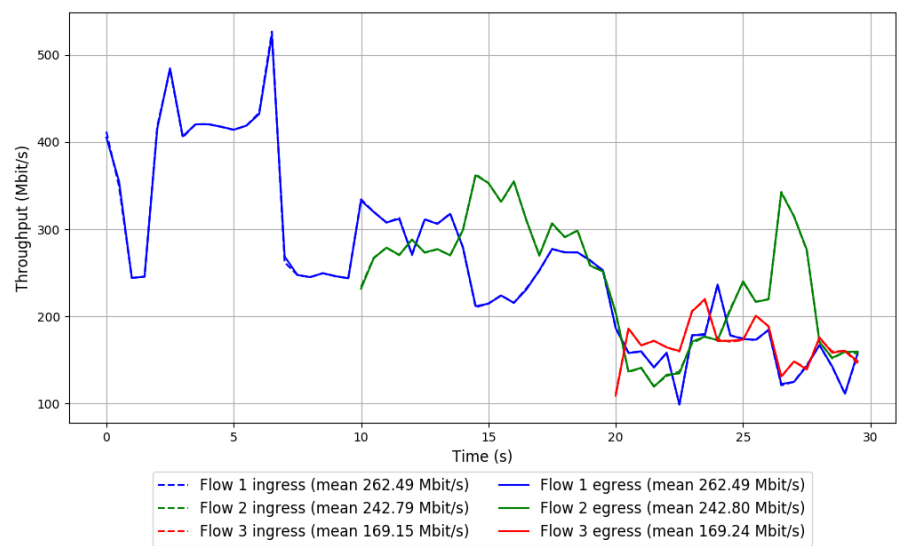


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-08 03:36:21
End at: 2017-09-08 03:36:51
Local clock offset: -2.84 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-08 07:30:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 480.16 Mbit/s
95th percentile per-packet one-way delay: 7.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 262.49 Mbit/s
95th percentile per-packet one-way delay: 7.383 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 242.80 Mbit/s
95th percentile per-packet one-way delay: 7.240 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 169.24 Mbit/s
95th percentile per-packet one-way delay: 8.043 ms
Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link

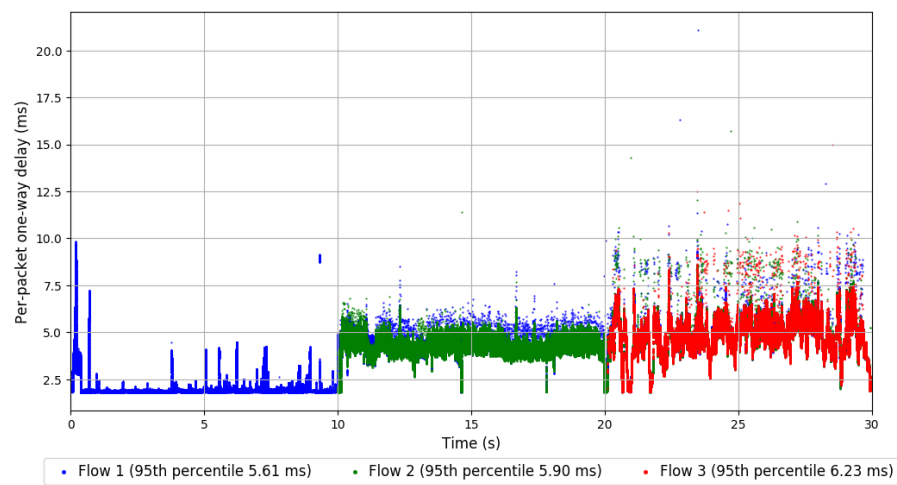
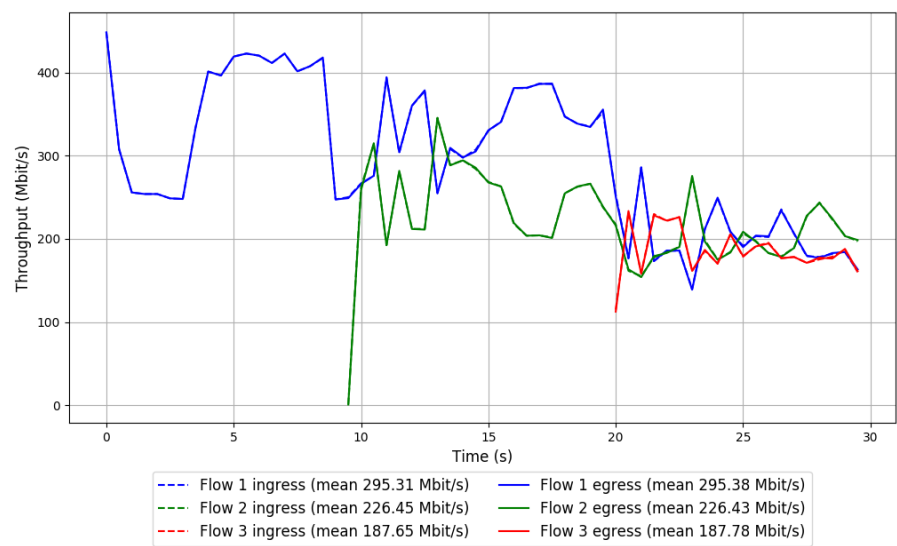


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-08 03:56:03
End at: 2017-09-08 03:56:33
Local clock offset: -2.922 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2017-09-08 07:31:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 508.01 Mbit/s
95th percentile per-packet one-way delay: 5.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 295.38 Mbit/s
95th percentile per-packet one-way delay: 5.605 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 226.43 Mbit/s
95th percentile per-packet one-way delay: 5.897 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 187.78 Mbit/s
95th percentile per-packet one-way delay: 6.234 ms
Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link

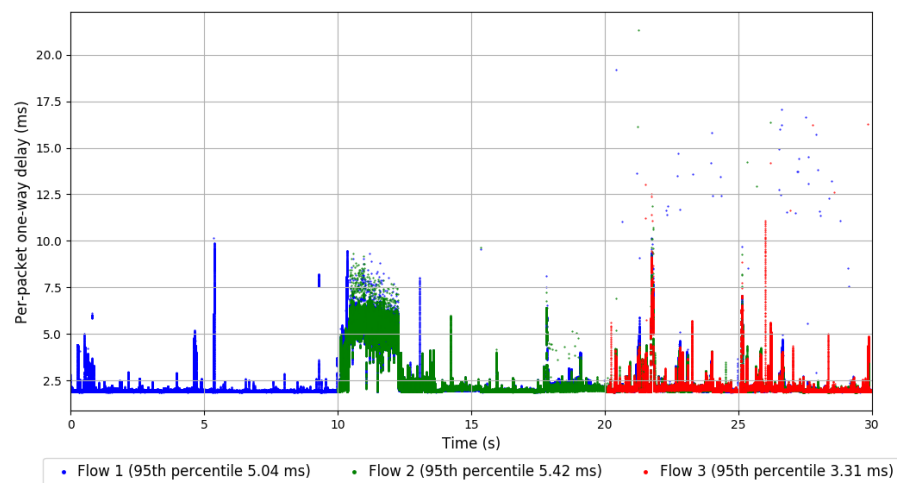
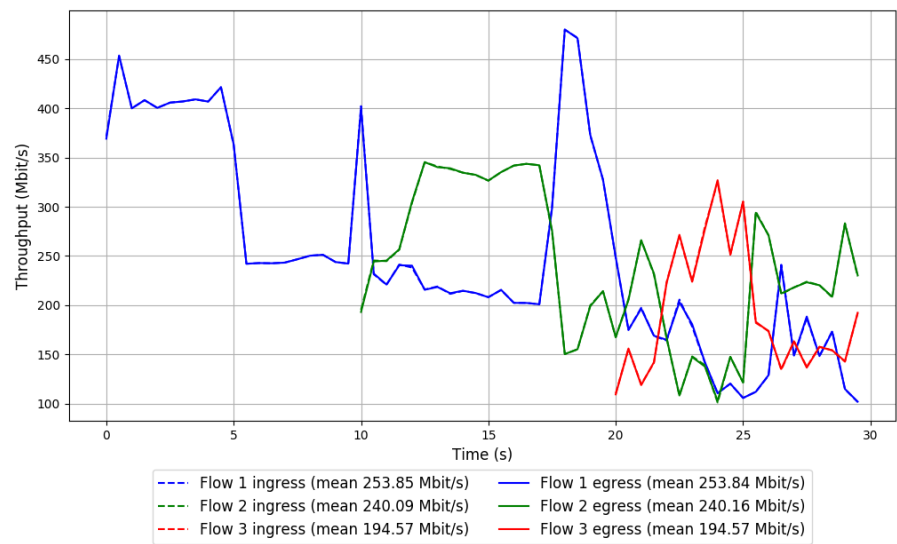


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-08 04:15:50
End at: 2017-09-08 04:16:20
Local clock offset: -3.031 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2017-09-08 07:31:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 477.92 Mbit/s
95th percentile per-packet one-way delay: 5.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 253.84 Mbit/s
95th percentile per-packet one-way delay: 5.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 240.16 Mbit/s
95th percentile per-packet one-way delay: 5.421 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.57 Mbit/s
95th percentile per-packet one-way delay: 3.315 ms
Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-08 01:14:43

End at: 2017-09-08 01:15:13

Local clock offset: -2.965 ms

Remote clock offset: 0.102 ms

Below is generated by plot.py at 2017-09-08 07:31:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.04 Mbit/s

95th percentile per-packet one-way delay: 2.077 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 13.53 Mbit/s

95th percentile per-packet one-way delay: 2.267 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 2.074 ms

Loss rate: 0.01%

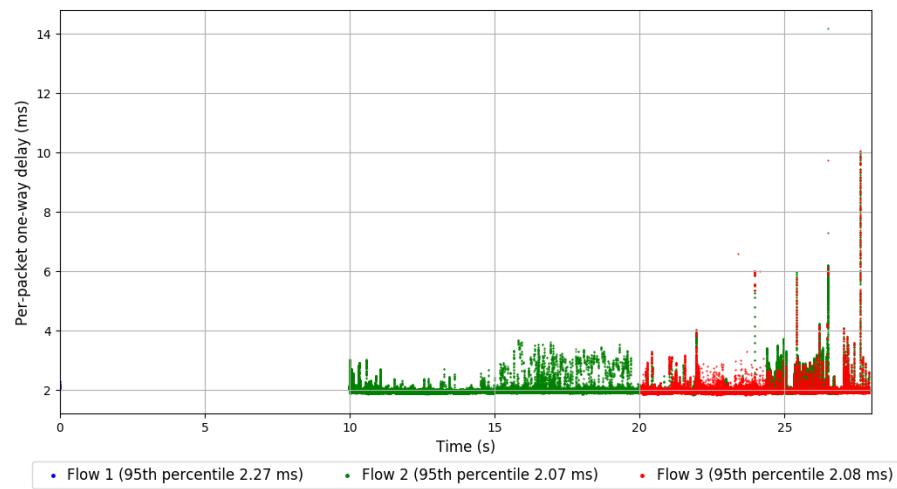
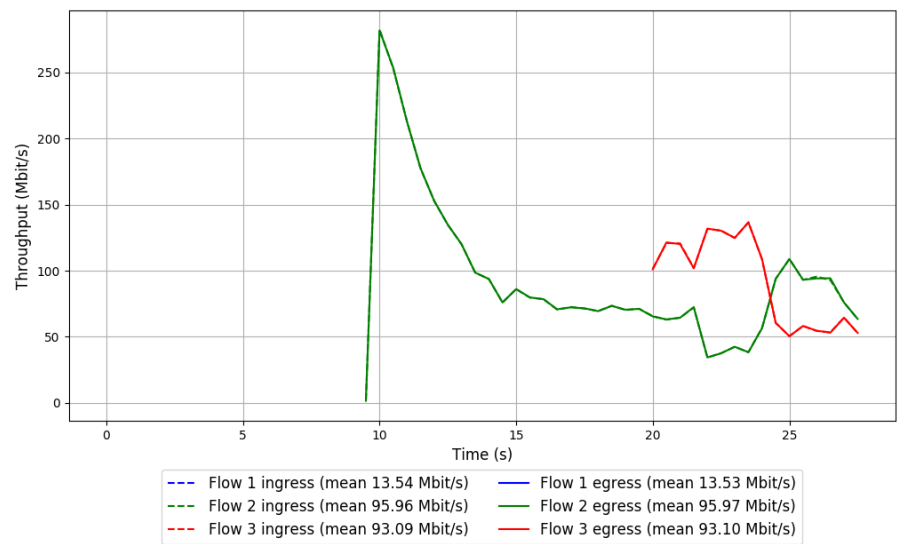
-- Flow 3:

Average throughput: 93.10 Mbit/s

95th percentile per-packet one-way delay: 2.080 ms

Loss rate: 0.01%

Run 1: Report of Copa — Data Link

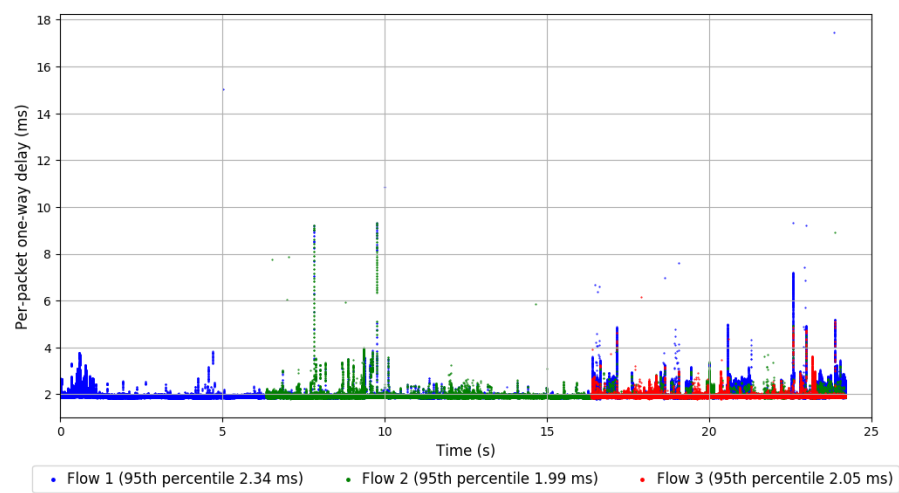
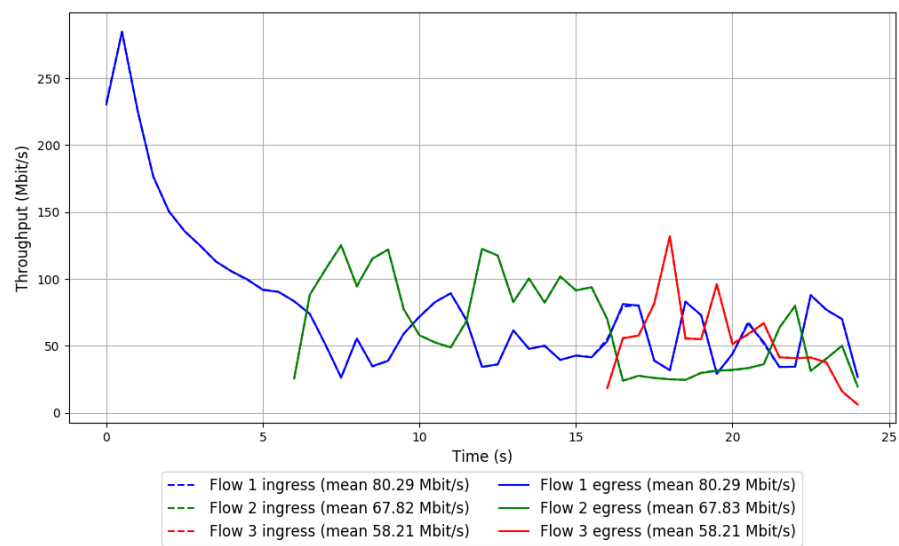


Run 2: Statistics of Copa

Start at: 2017-09-08 01:34:02
End at: 2017-09-08 01:34:32
Local clock offset: -2.927 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2017-09-08 07:32:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 149.20 Mbit/s
95th percentile per-packet one-way delay: 2.195 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.29 Mbit/s
95th percentile per-packet one-way delay: 2.337 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.83 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 2.050 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

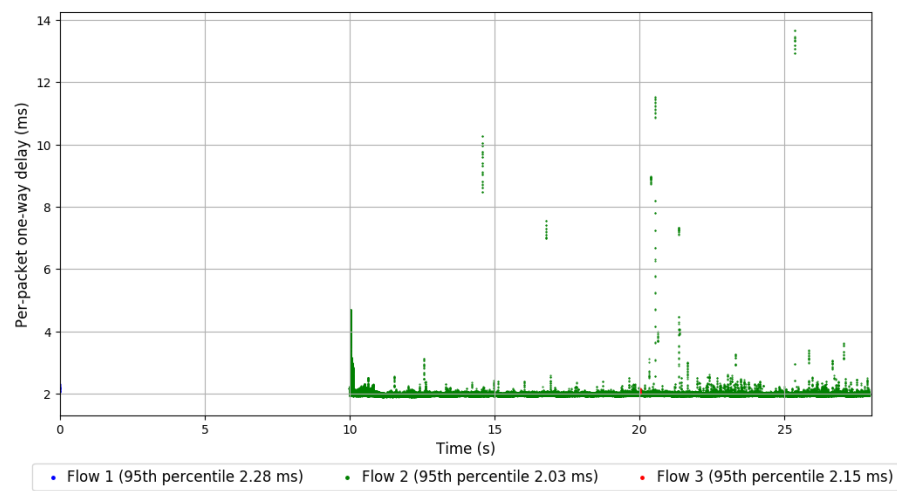
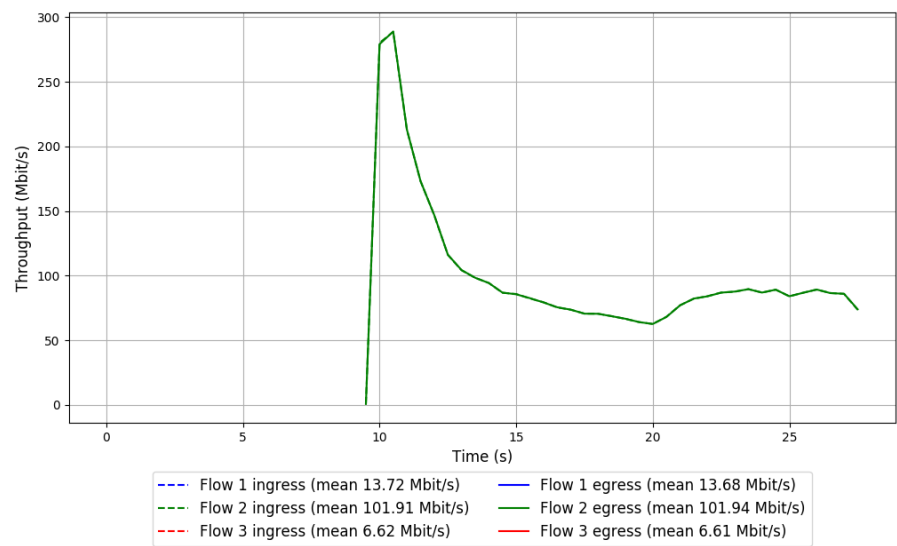


Run 3: Statistics of Copa

Start at: 2017-09-08 01:54:02
End at: 2017-09-08 01:54:32
Local clock offset: -2.9 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2017-09-08 07:32:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.52 Mbit/s
95th percentile per-packet one-way delay: 2.030 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.68 Mbit/s
95th percentile per-packet one-way delay: 2.280 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 101.94 Mbit/s
95th percentile per-packet one-way delay: 2.030 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.61 Mbit/s
95th percentile per-packet one-way delay: 2.150 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-09-08 02:14:05

End at: 2017-09-08 02:14:35

Local clock offset: -2.728 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2017-09-08 07:32:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 120.99 Mbit/s

95th percentile per-packet one-way delay: 1.972 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 92.88 Mbit/s

95th percentile per-packet one-way delay: 1.971 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 8.03 Mbit/s

95th percentile per-packet one-way delay: 2.111 ms

Loss rate: 0.00%

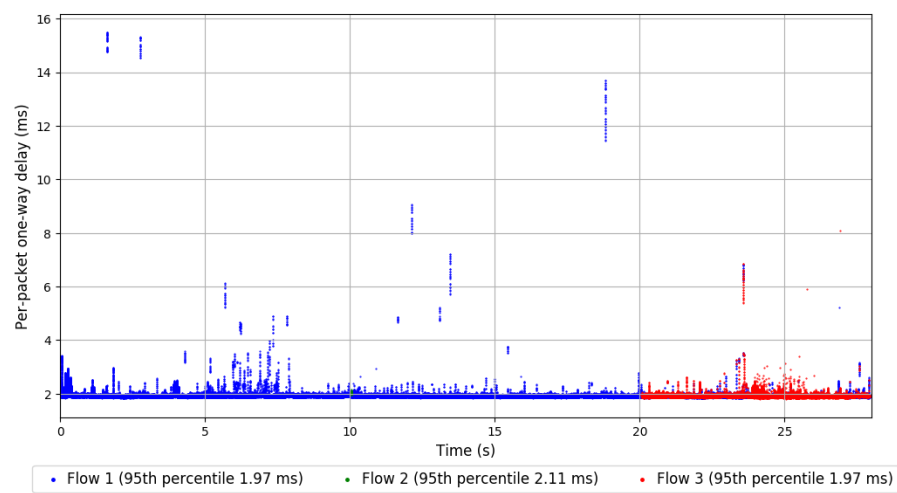
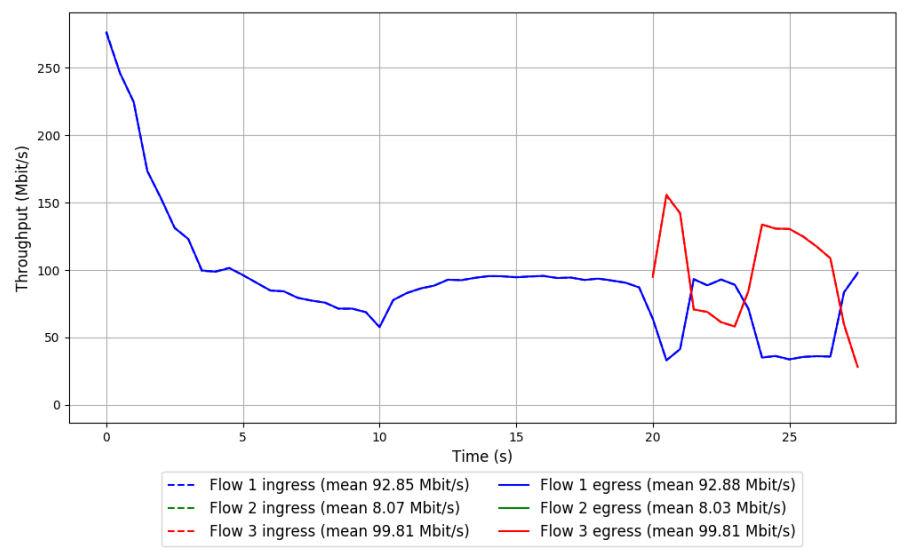
-- Flow 3:

Average throughput: 99.81 Mbit/s

95th percentile per-packet one-way delay: 1.974 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link

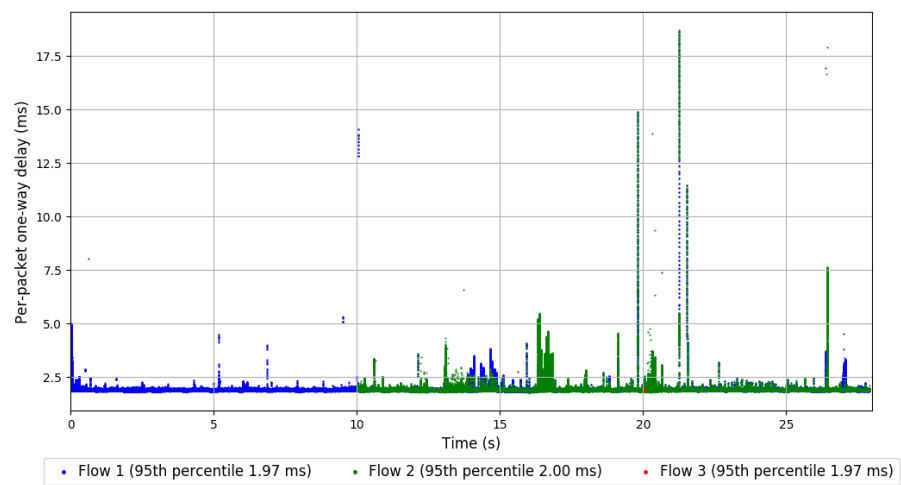
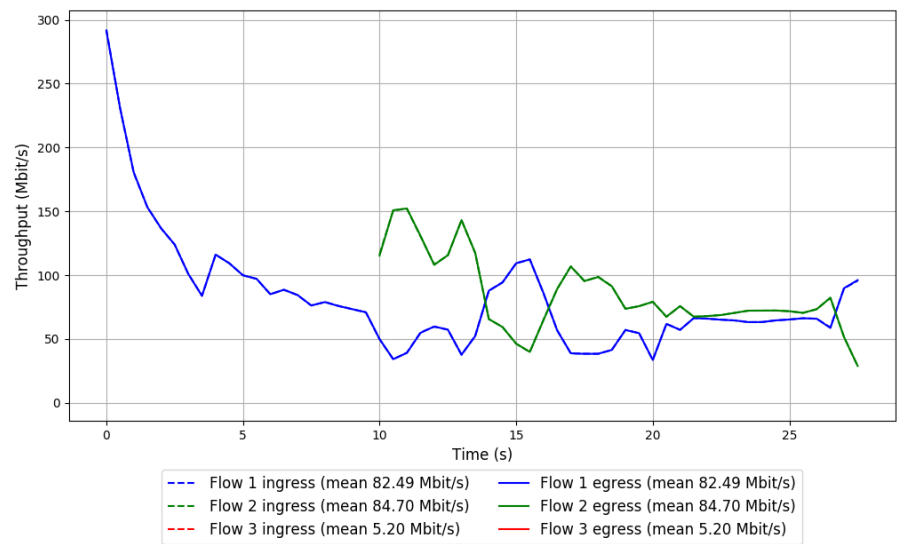


Run 5: Statistics of Copa

Start at: 2017-09-08 02:34:13
End at: 2017-09-08 02:34:43
Local clock offset: -2.65 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-08 07:32:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 136.81 Mbit/s
95th percentile per-packet one-way delay: 1.978 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.49 Mbit/s
95th percentile per-packet one-way delay: 1.969 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 1.995 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 1.972 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

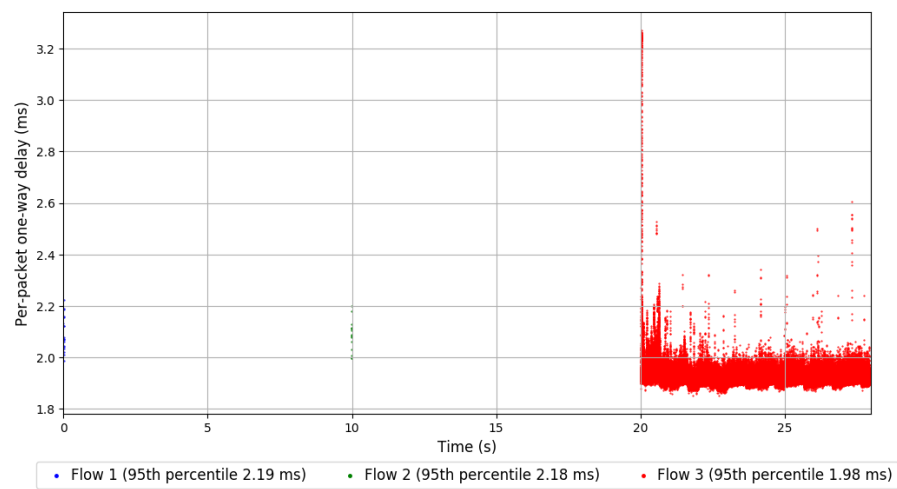
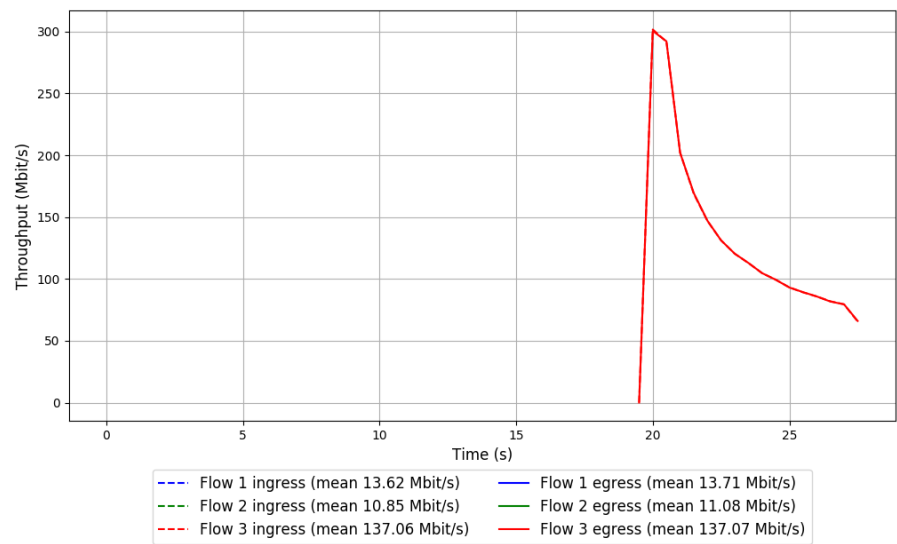


Run 6: Statistics of Copa

Start at: 2017-09-08 02:54:21
End at: 2017-09-08 02:54:51
Local clock offset: -2.614 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2017-09-08 07:32:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 1.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.71 Mbit/s
95th percentile per-packet one-way delay: 2.191 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.08 Mbit/s
95th percentile per-packet one-way delay: 2.179 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.07 Mbit/s
95th percentile per-packet one-way delay: 1.979 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-09-08 03:14:05

End at: 2017-09-08 03:14:35

Local clock offset: -2.608 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2017-09-08 07:33:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 120.76 Mbit/s

95th percentile per-packet one-way delay: 2.011 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 2.057 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 7.49 Mbit/s

95th percentile per-packet one-way delay: 2.102 ms

Loss rate: 0.00%

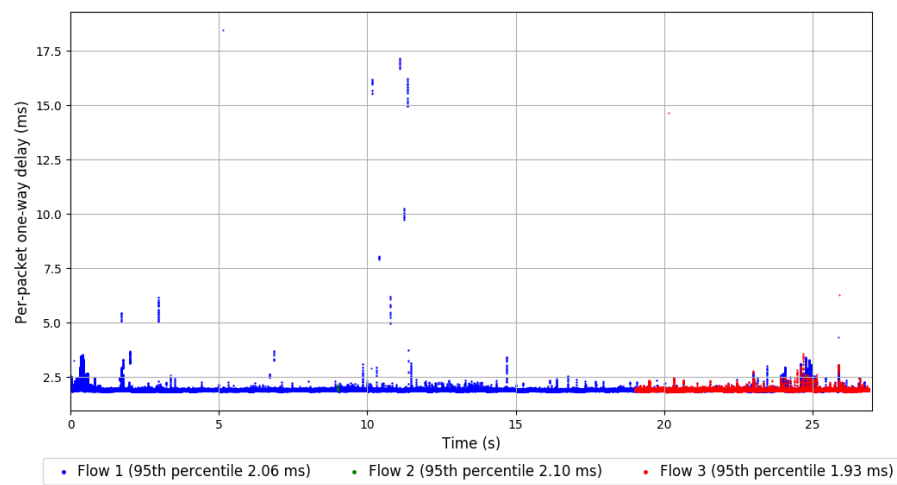
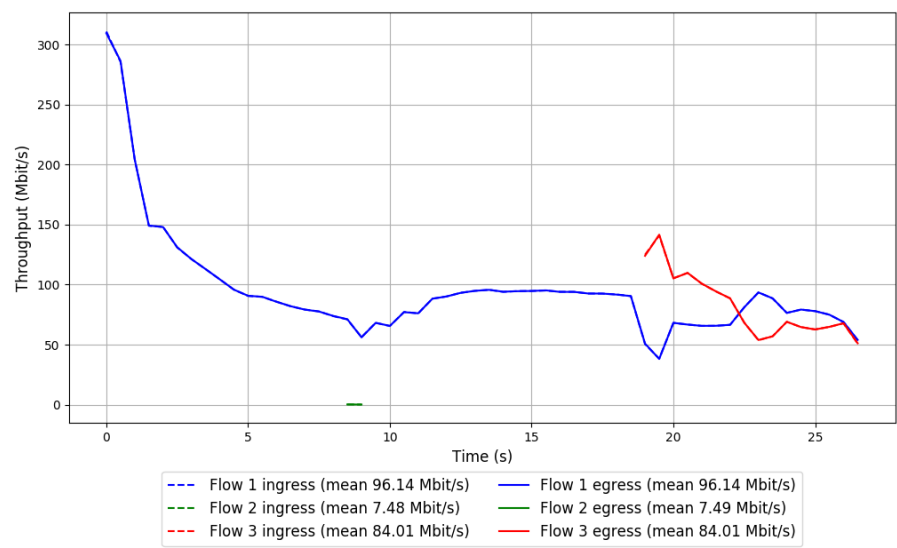
-- Flow 3:

Average throughput: 84.01 Mbit/s

95th percentile per-packet one-way delay: 1.934 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link

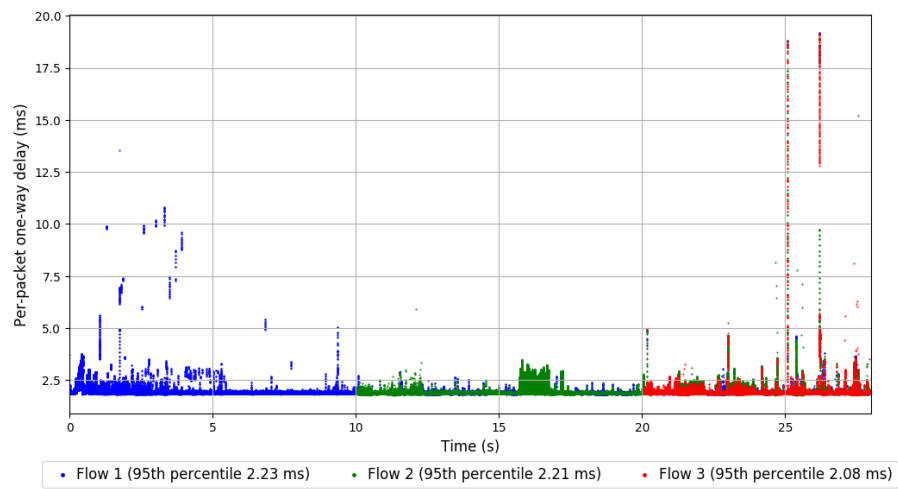
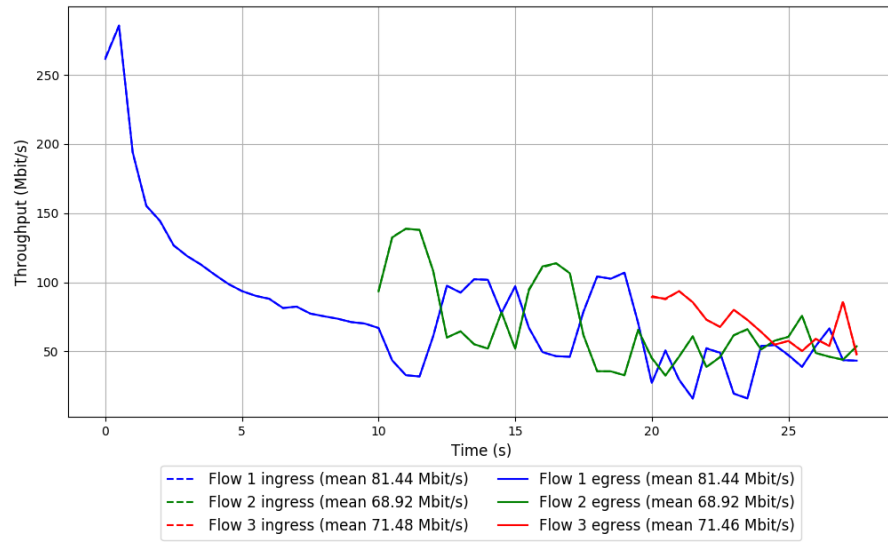


Run 8: Statistics of Copa

Start at: 2017-09-08 03:33:57
End at: 2017-09-08 03:34:27
Local clock offset: -2.854 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2017-09-08 07:33:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.73 Mbit/s
95th percentile per-packet one-way delay: 2.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.44 Mbit/s
95th percentile per-packet one-way delay: 2.226 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.92 Mbit/s
95th percentile per-packet one-way delay: 2.210 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.46 Mbit/s
95th percentile per-packet one-way delay: 2.079 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

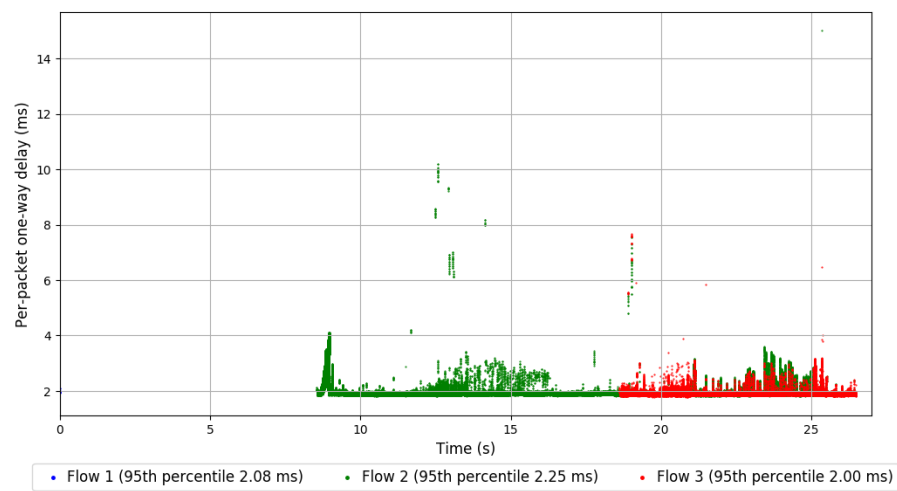
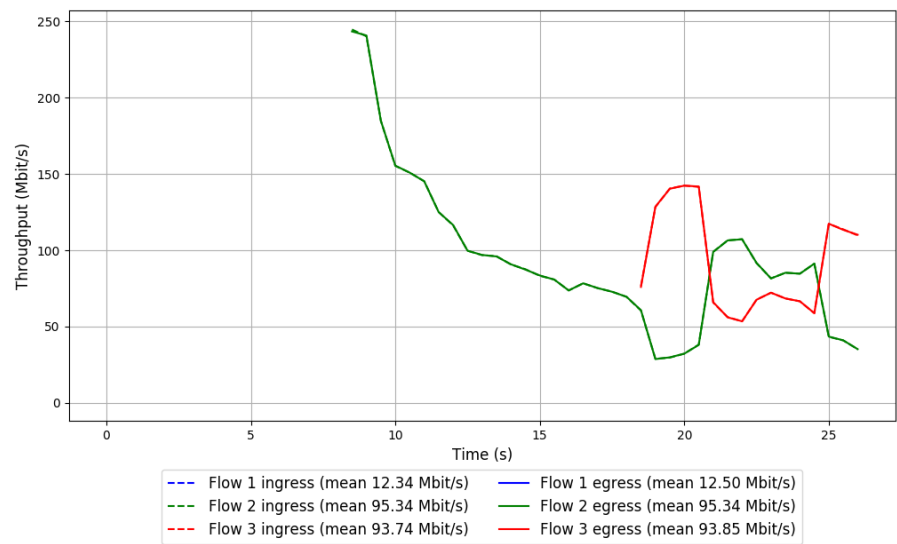


Run 9: Statistics of Copa

Start at: 2017-09-08 03:53:44
End at: 2017-09-08 03:54:14
Local clock offset: -2.917 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2017-09-08 07:33:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.50 Mbit/s
95th percentile per-packet one-way delay: 2.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 2.079 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 2.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 93.85 Mbit/s
95th percentile per-packet one-way delay: 2.005 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

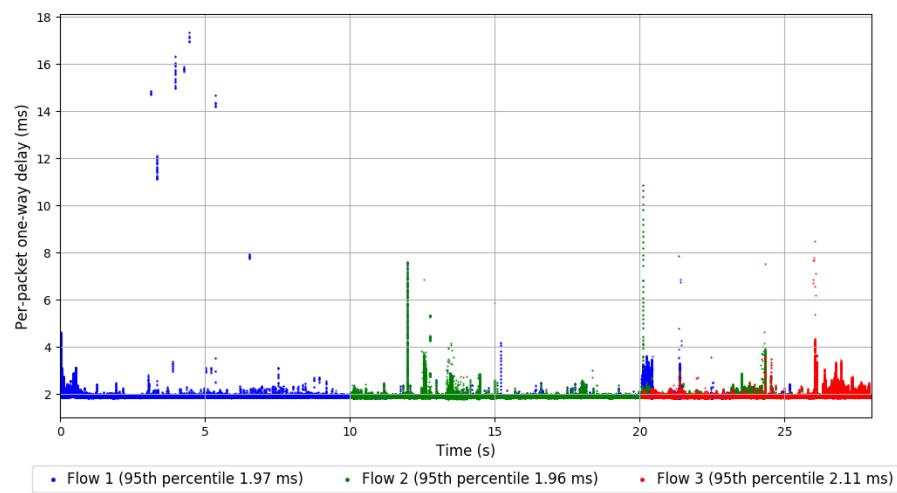
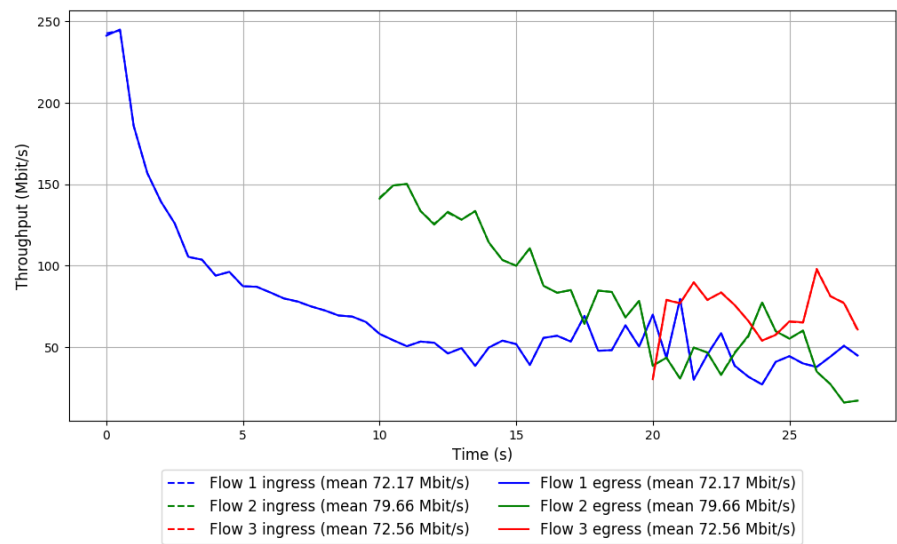


Run 10: Statistics of Copa

Start at: 2017-09-08 04:13:27
End at: 2017-09-08 04:13:57
Local clock offset: -2.934 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2017-09-08 07:33:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 143.65 Mbit/s
95th percentile per-packet one-way delay: 1.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.17 Mbit/s
95th percentile per-packet one-way delay: 1.971 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 1.955 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 2.110 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

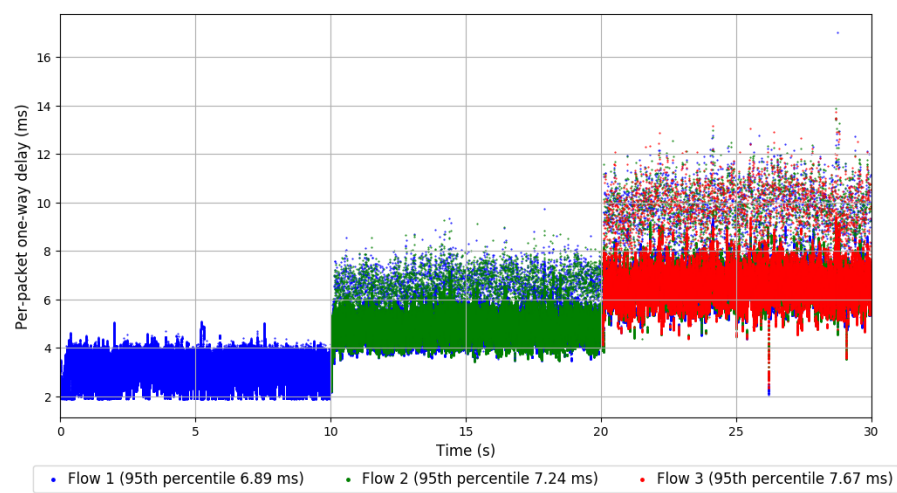
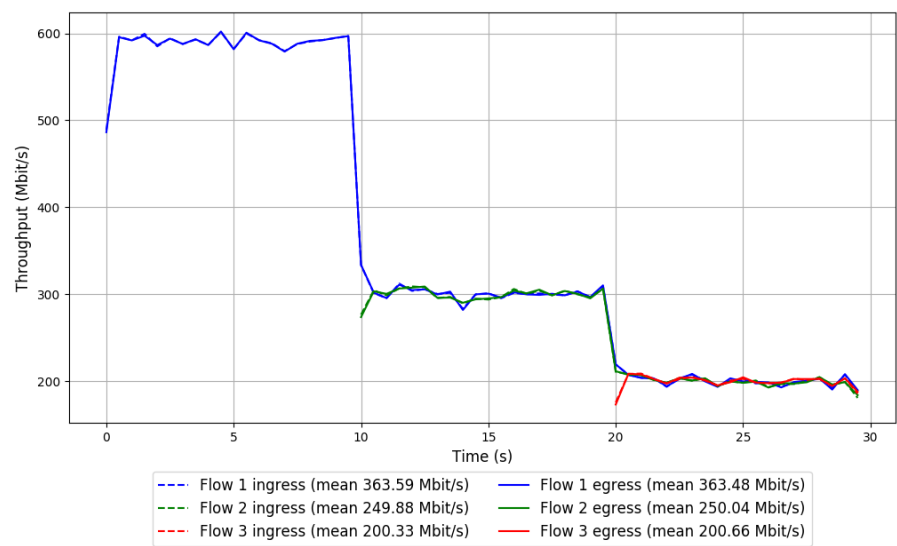


Run 1: Statistics of TCP Cubic

Start at: 2017-09-08 01:27:15
End at: 2017-09-08 01:27:45
Local clock offset: -2.909 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-08 07:34:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 596.42 Mbit/s
95th percentile per-packet one-way delay: 7.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 363.48 Mbit/s
95th percentile per-packet one-way delay: 6.893 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 250.04 Mbit/s
95th percentile per-packet one-way delay: 7.242 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 200.66 Mbit/s
95th percentile per-packet one-way delay: 7.665 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

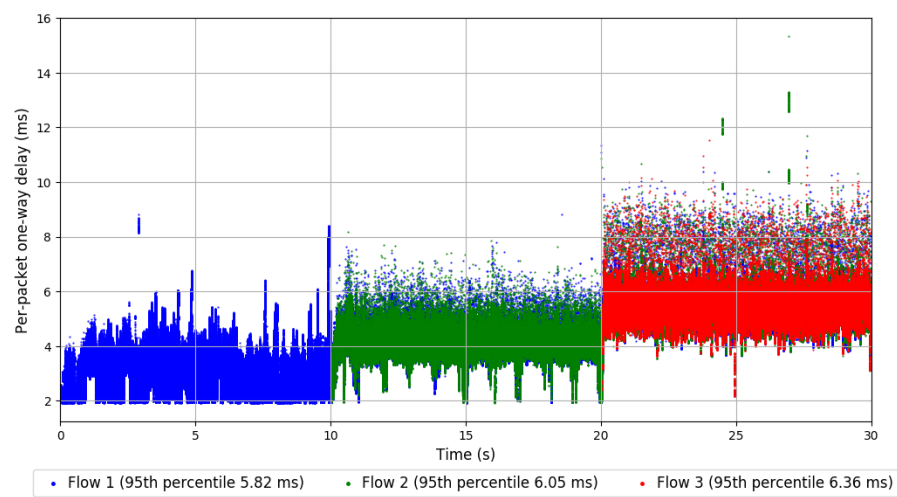
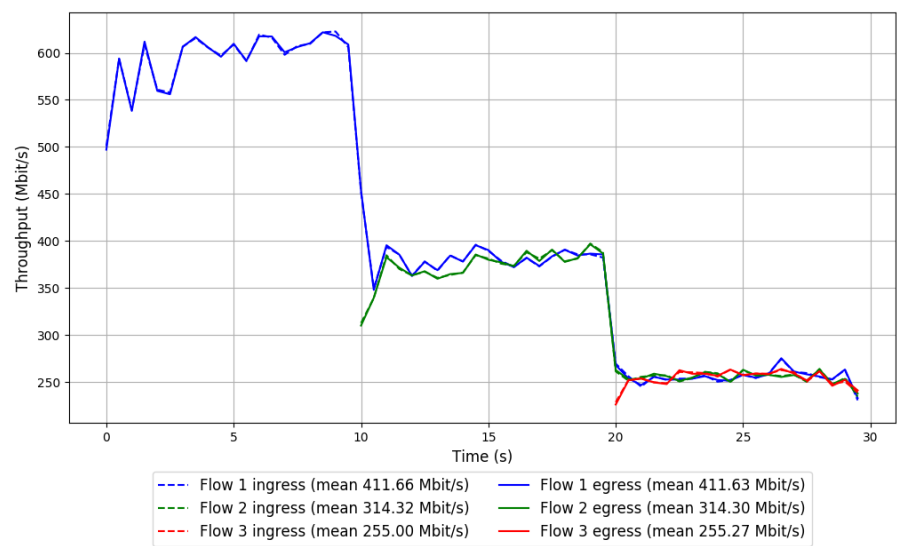


Run 2: Statistics of TCP Cubic

Start at: 2017-09-08 01:46:59
End at: 2017-09-08 01:47:29
Local clock offset: -2.936 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2017-09-08 07:35:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 705.63 Mbit/s
95th percentile per-packet one-way delay: 6.025 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 411.63 Mbit/s
95th percentile per-packet one-way delay: 5.823 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 314.30 Mbit/s
95th percentile per-packet one-way delay: 6.052 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 255.27 Mbit/s
95th percentile per-packet one-way delay: 6.364 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

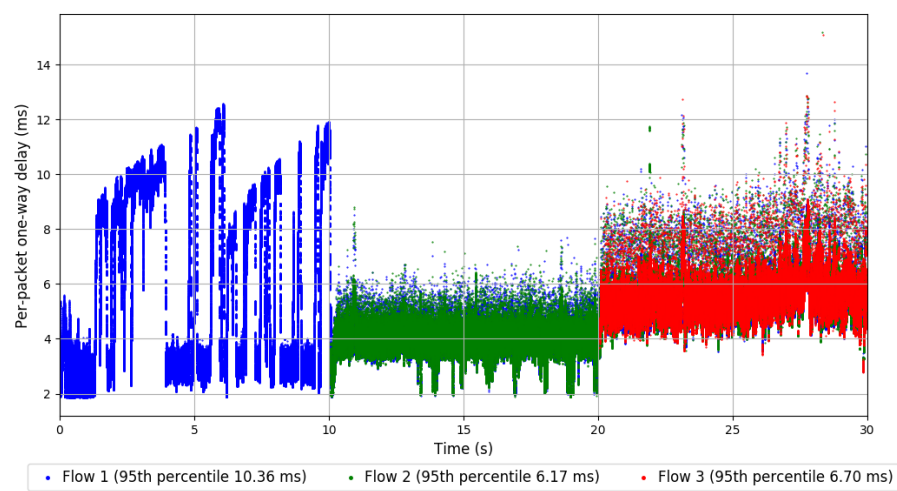
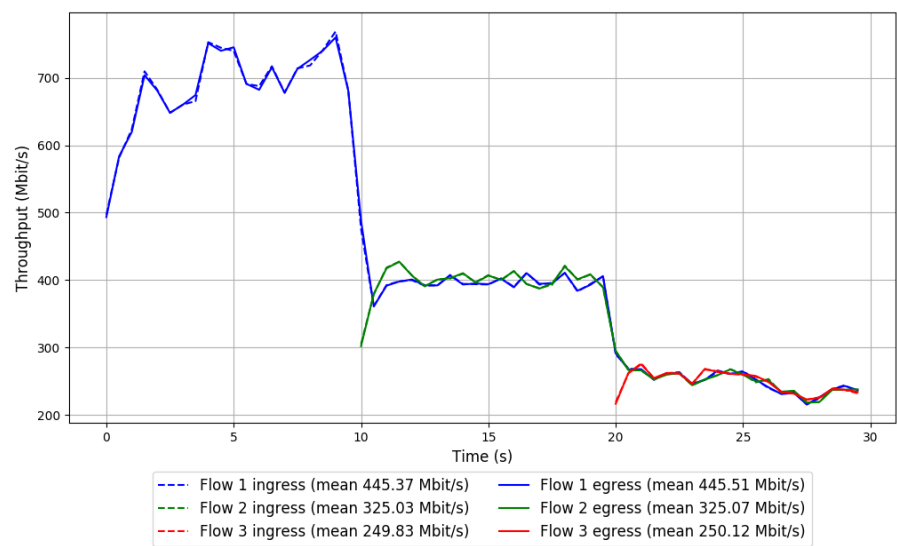


Run 3: Statistics of TCP Cubic

Start at: 2017-09-08 02:07:03
End at: 2017-09-08 02:07:33
Local clock offset: -2.784 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2017-09-08 07:36:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 744.60 Mbit/s
95th percentile per-packet one-way delay: 9.863 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 445.51 Mbit/s
95th percentile per-packet one-way delay: 10.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 325.07 Mbit/s
95th percentile per-packet one-way delay: 6.175 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 250.12 Mbit/s
95th percentile per-packet one-way delay: 6.700 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

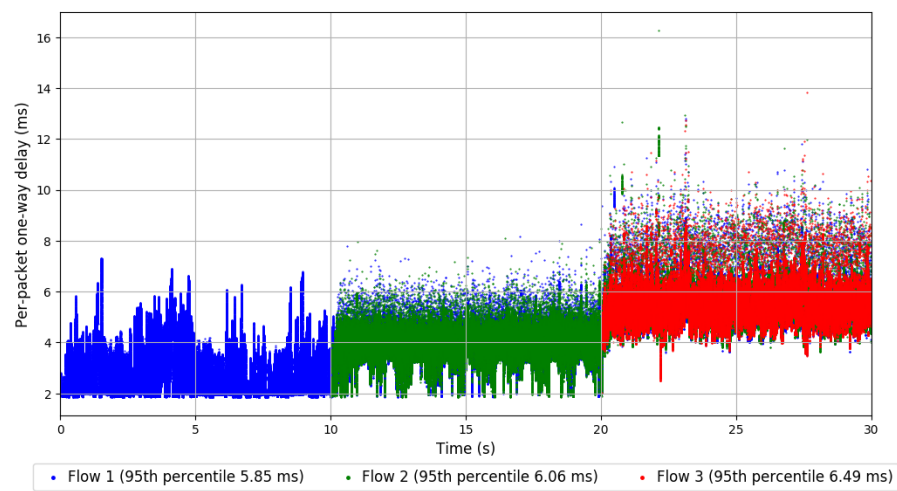
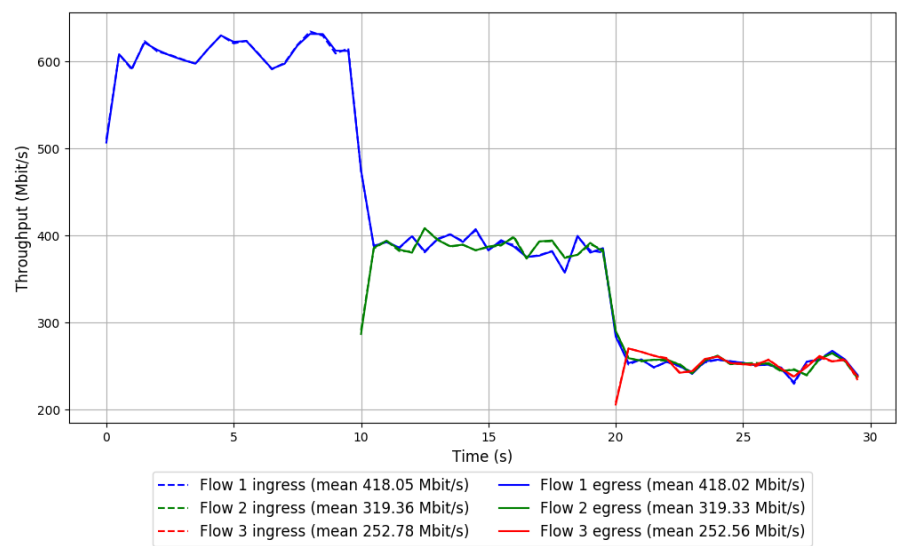


Run 4: Statistics of TCP Cubic

Start at: 2017-09-08 02:27:12
End at: 2017-09-08 02:27:42
Local clock offset: -2.735 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2017-09-08 07:36:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 714.41 Mbit/s
95th percentile per-packet one-way delay: 6.057 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 418.02 Mbit/s
95th percentile per-packet one-way delay: 5.846 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 319.33 Mbit/s
95th percentile per-packet one-way delay: 6.061 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 252.56 Mbit/s
95th percentile per-packet one-way delay: 6.492 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-09-08 02:47:20

End at: 2017-09-08 02:47:50

Local clock offset: -2.594 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2017-09-08 07:37:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 720.34 Mbit/s

95th percentile per-packet one-way delay: 5.907 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 413.65 Mbit/s

95th percentile per-packet one-way delay: 5.732 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 328.80 Mbit/s

95th percentile per-packet one-way delay: 5.913 ms

Loss rate: 0.00%

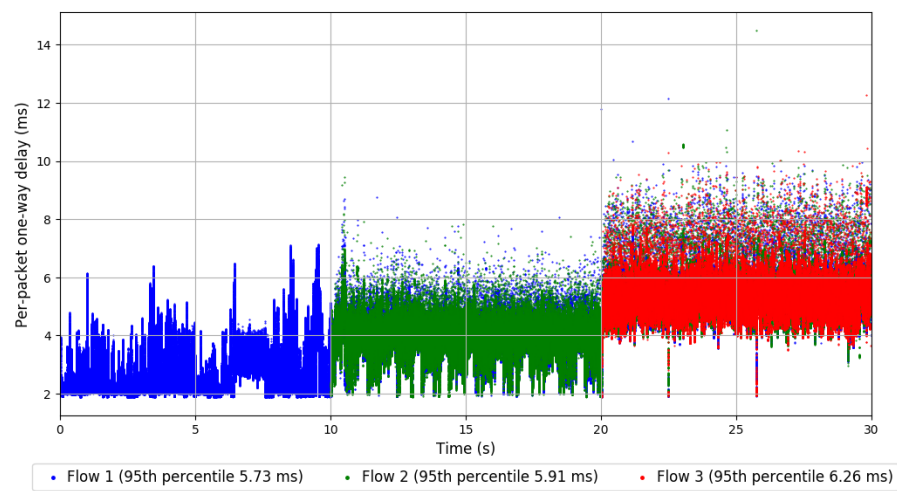
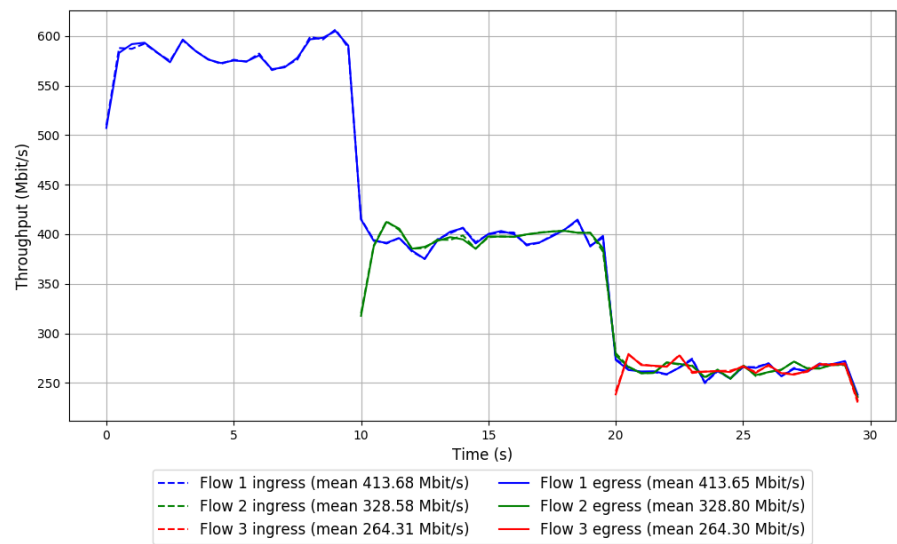
-- Flow 3:

Average throughput: 264.30 Mbit/s

95th percentile per-packet one-way delay: 6.263 ms

Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link

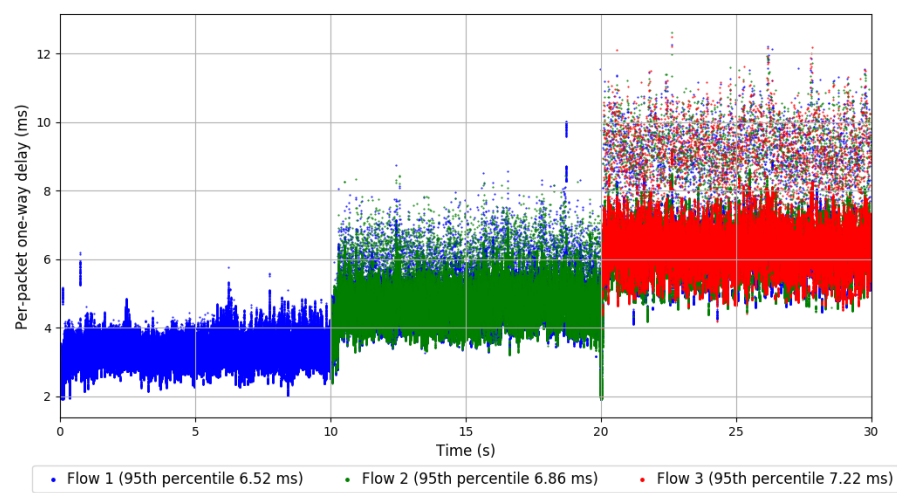
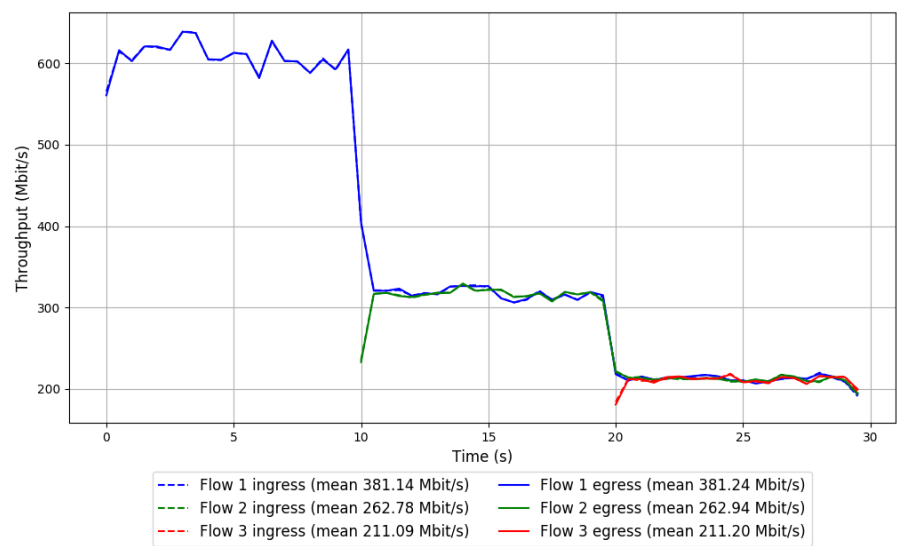


Run 6: Statistics of TCP Cubic

Start at: 2017-09-08 03:07:24
End at: 2017-09-08 03:07:54
Local clock offset: -2.653 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2017-09-08 07:38:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 626.28 Mbit/s
95th percentile per-packet one-way delay: 6.779 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 381.24 Mbit/s
95th percentile per-packet one-way delay: 6.519 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 262.94 Mbit/s
95th percentile per-packet one-way delay: 6.858 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 211.20 Mbit/s
95th percentile per-packet one-way delay: 7.223 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

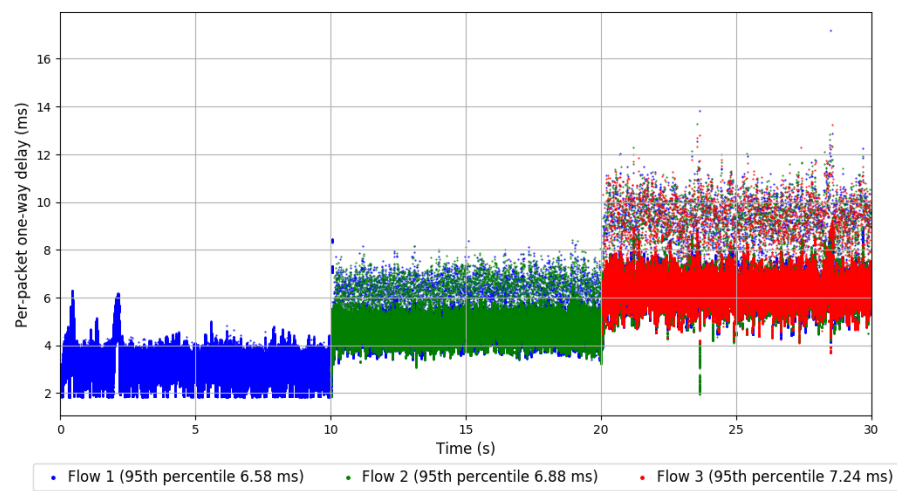
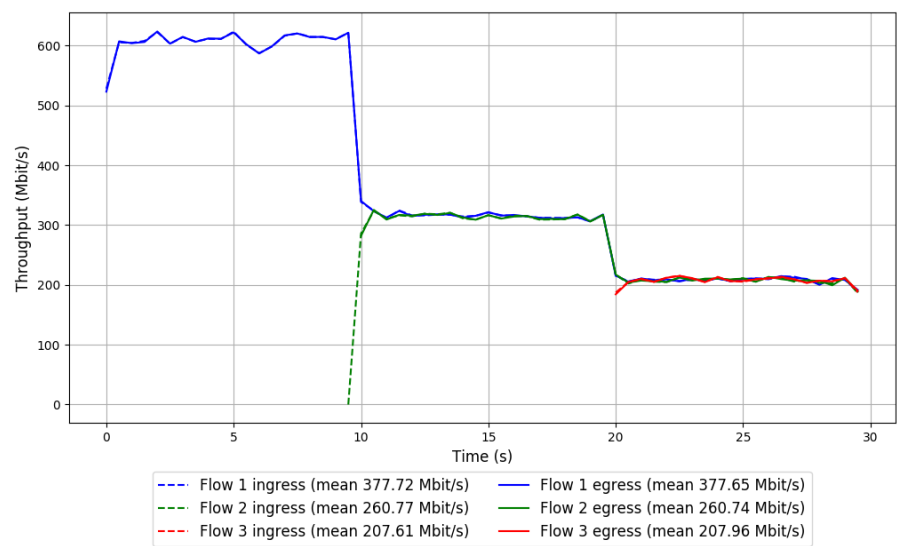


Run 7: Statistics of TCP Cubic

Start at: 2017-09-08 03:27:08
End at: 2017-09-08 03:27:38
Local clock offset: -2.693 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2017-09-08 07:39:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 620.33 Mbit/s
95th percentile per-packet one-way delay: 6.828 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 377.65 Mbit/s
95th percentile per-packet one-way delay: 6.577 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 260.74 Mbit/s
95th percentile per-packet one-way delay: 6.883 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 207.96 Mbit/s
95th percentile per-packet one-way delay: 7.236 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

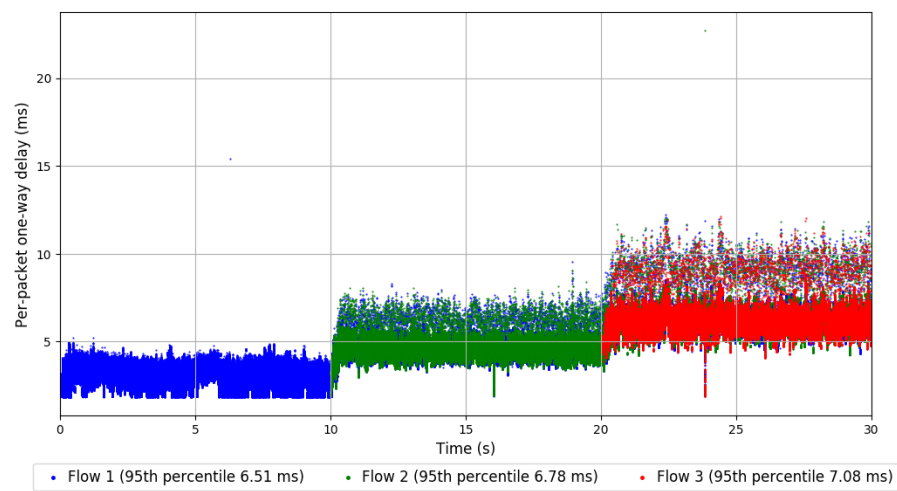
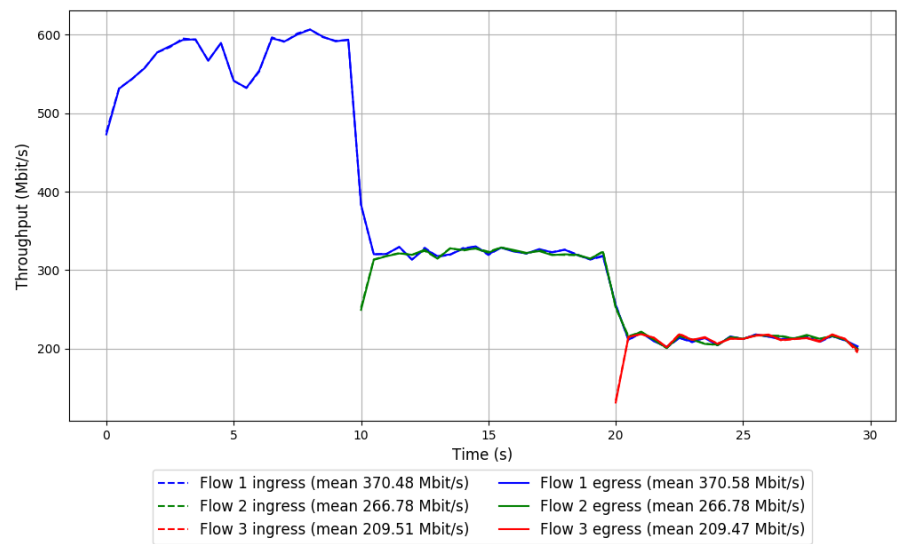


Run 8: Statistics of TCP Cubic

Start at: 2017-09-08 03:47:00
End at: 2017-09-08 03:47:30
Local clock offset: -2.953 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2017-09-08 07:39:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 617.76 Mbit/s
95th percentile per-packet one-way delay: 6.717 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 370.58 Mbit/s
95th percentile per-packet one-way delay: 6.508 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 266.78 Mbit/s
95th percentile per-packet one-way delay: 6.775 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 209.47 Mbit/s
95th percentile per-packet one-way delay: 7.077 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

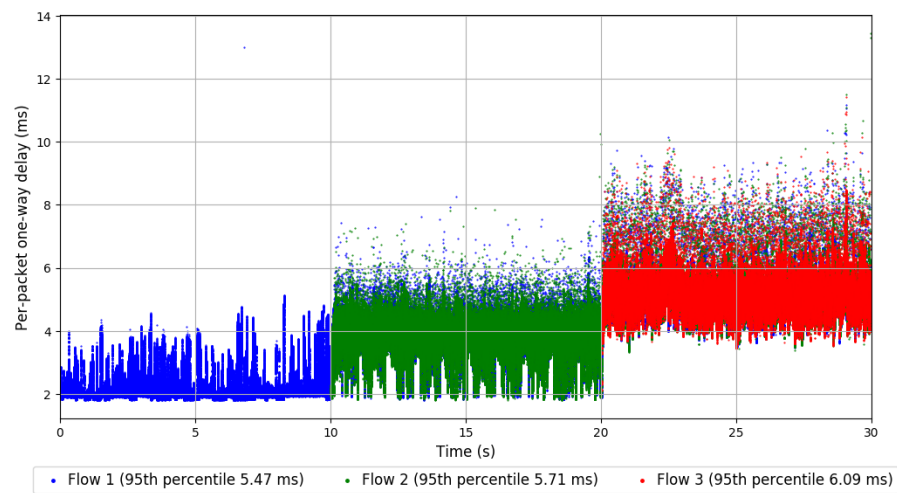
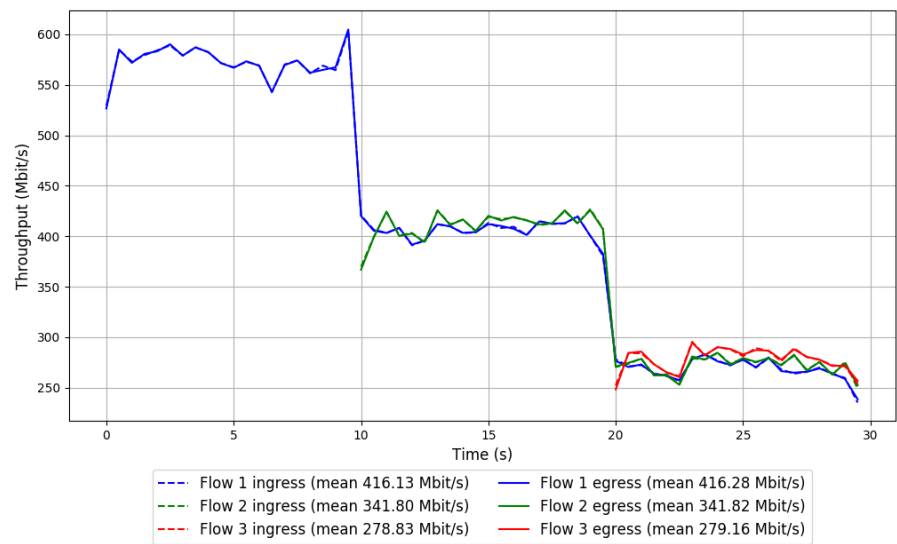


Run 9: Statistics of TCP Cubic

Start at: 2017-09-08 04:06:19
End at: 2017-09-08 04:06:49
Local clock offset: -2.919 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-08 07:40:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 736.53 Mbit/s
95th percentile per-packet one-way delay: 5.680 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 416.28 Mbit/s
95th percentile per-packet one-way delay: 5.467 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 341.82 Mbit/s
95th percentile per-packet one-way delay: 5.706 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 279.16 Mbit/s
95th percentile per-packet one-way delay: 6.091 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link

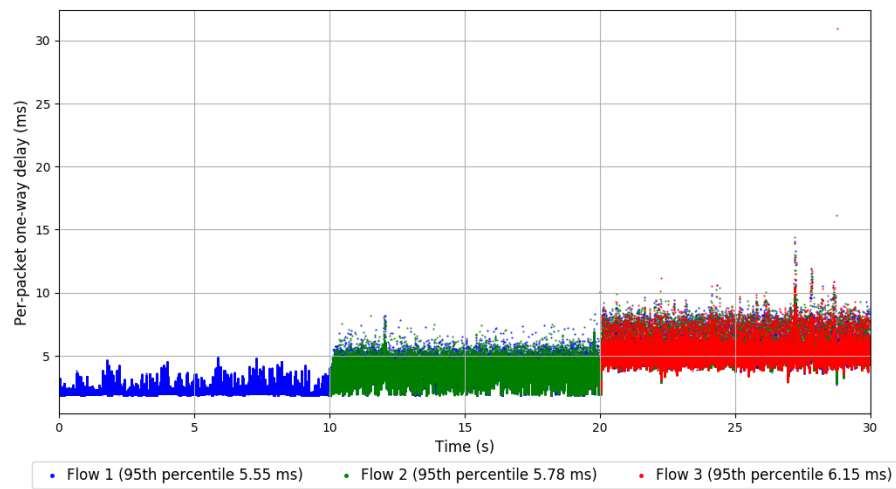
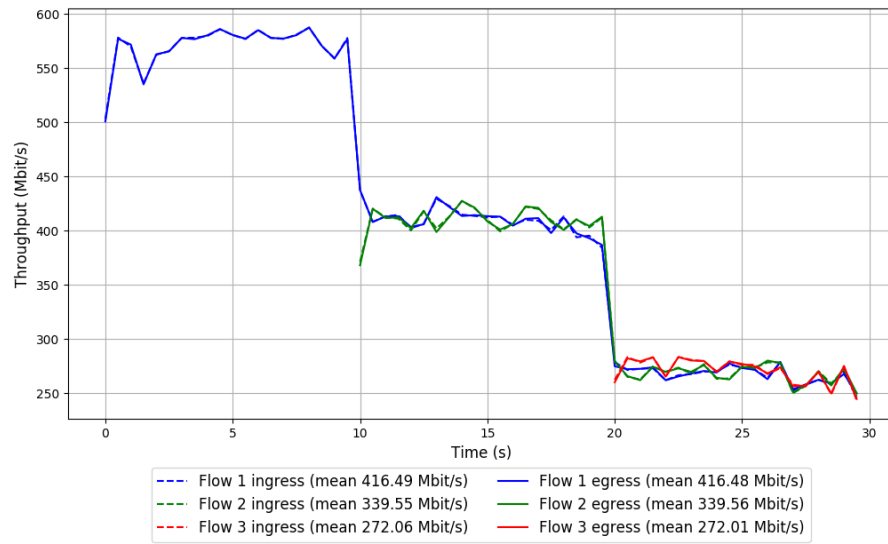


Run 10: Statistics of TCP Cubic

Start at: 2017-09-08 04:26:11
End at: 2017-09-08 04:26:41
Local clock offset: -2.927 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2017-09-08 07:41:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 732.89 Mbit/s
95th percentile per-packet one-way delay: 5.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 416.48 Mbit/s
95th percentile per-packet one-way delay: 5.552 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 339.56 Mbit/s
95th percentile per-packet one-way delay: 5.783 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 272.01 Mbit/s
95th percentile per-packet one-way delay: 6.151 ms
Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link

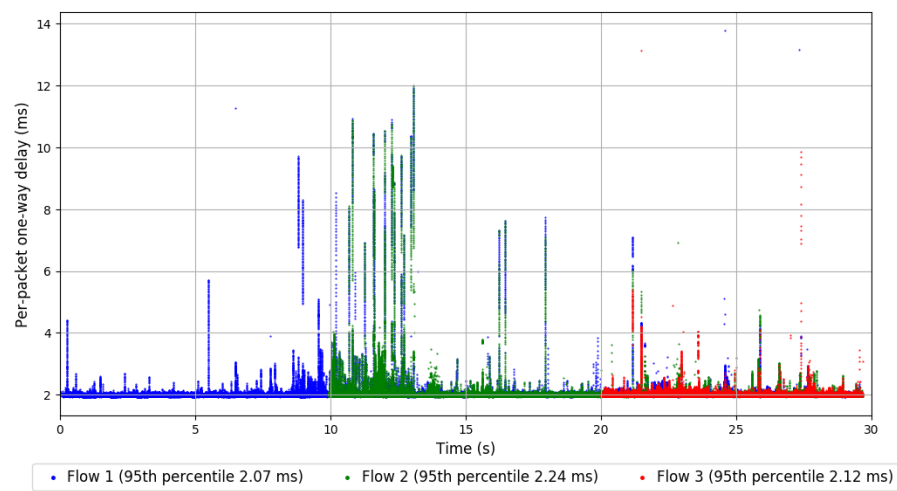
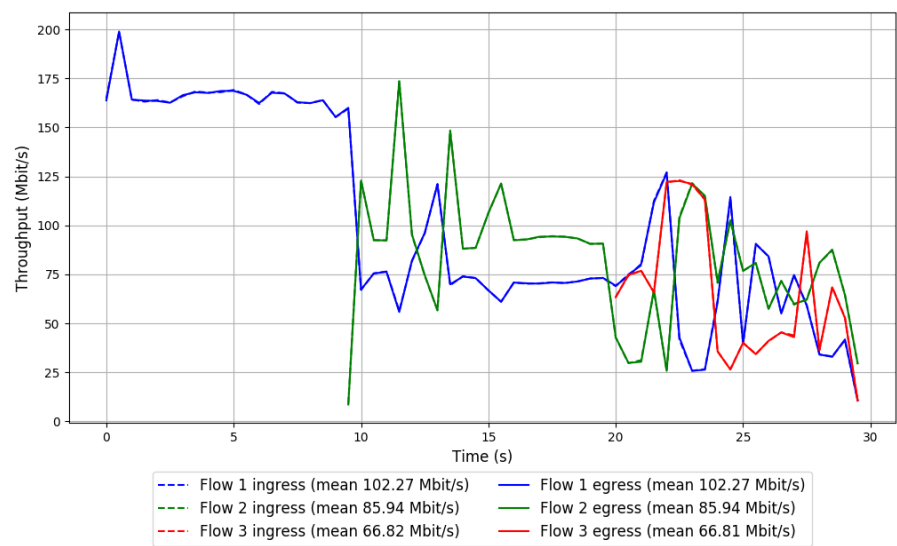


```
Run 1: Statistics of Indigo

Start at: 2017-09-08 01:23:51
End at: 2017-09-08 01:24:21
Local clock offset: -2.971 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2017-09-08 07:41:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 181.14 Mbit/s
95th percentile per-packet one-way delay: 2.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 102.27 Mbit/s
95th percentile per-packet one-way delay: 2.072 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 85.94 Mbit/s
95th percentile per-packet one-way delay: 2.241 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 66.81 Mbit/s
95th percentile per-packet one-way delay: 2.125 ms
Loss rate: 0.00%
```


Run 1: Report of Indigo — Data Link

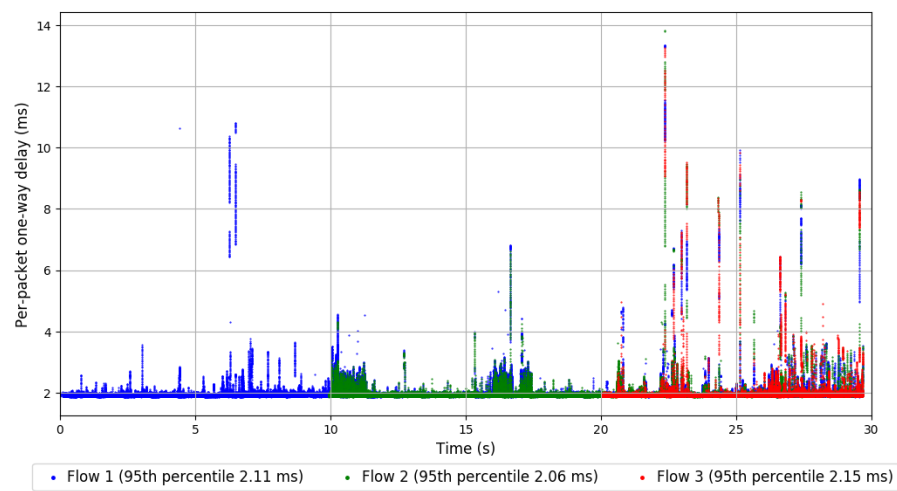
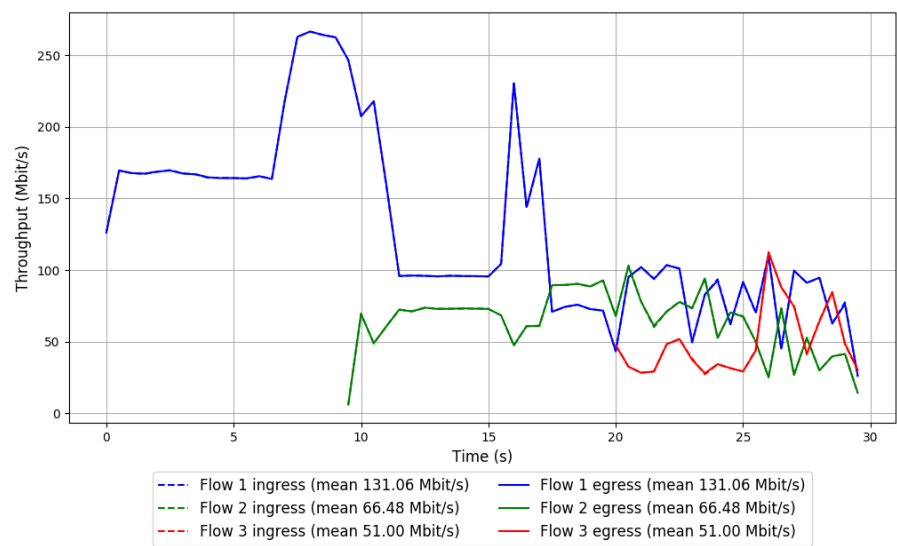


Run 2: Statistics of Indigo

Start at: 2017-09-08 01:43:34
End at: 2017-09-08 01:44:04
Local clock offset: -2.901 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2017-09-08 07:41:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 191.82 Mbit/s
95th percentile per-packet one-way delay: 2.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 131.06 Mbit/s
95th percentile per-packet one-way delay: 2.114 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.48 Mbit/s
95th percentile per-packet one-way delay: 2.058 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 2.151 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

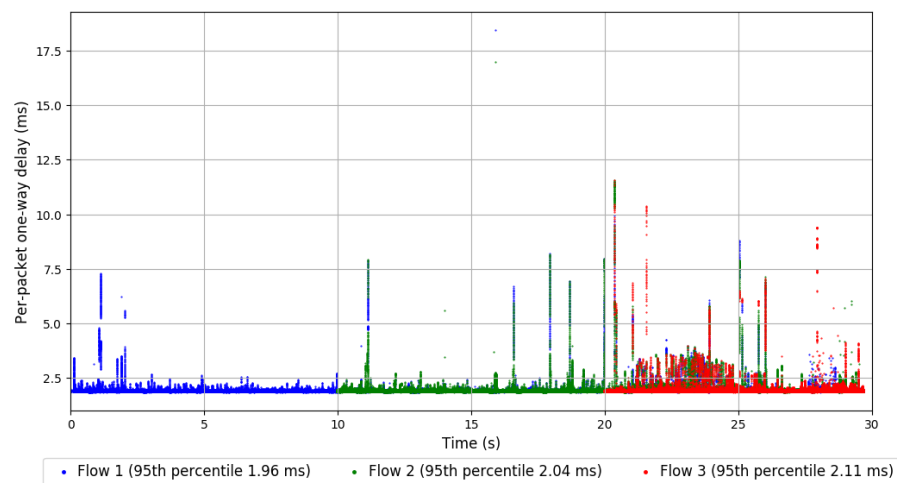
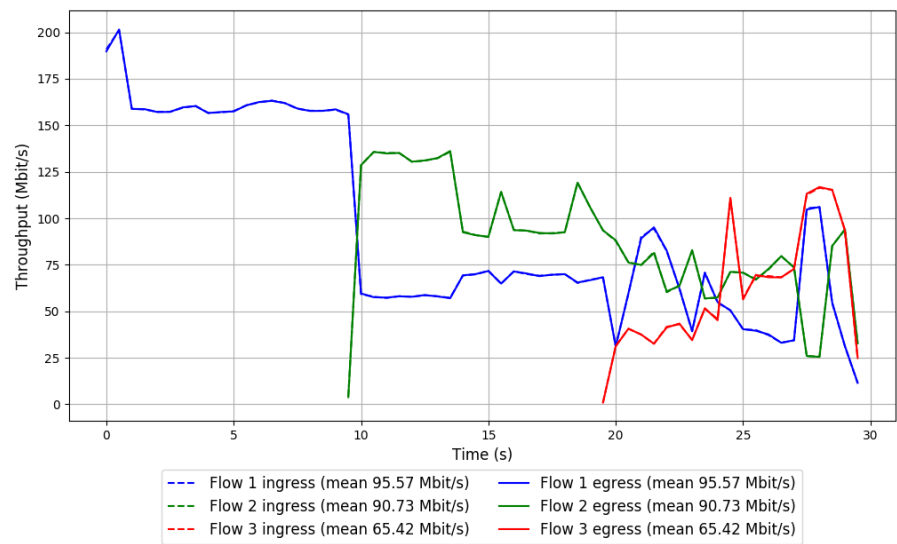


Run 3: Statistics of Indigo

Start at: 2017-09-08 02:03:39
End at: 2017-09-08 02:04:09
Local clock offset: -2.745 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2017-09-08 07:41:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 177.23 Mbit/s
95th percentile per-packet one-way delay: 1.994 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 1.960 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 2.035 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.42 Mbit/s
95th percentile per-packet one-way delay: 2.109 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

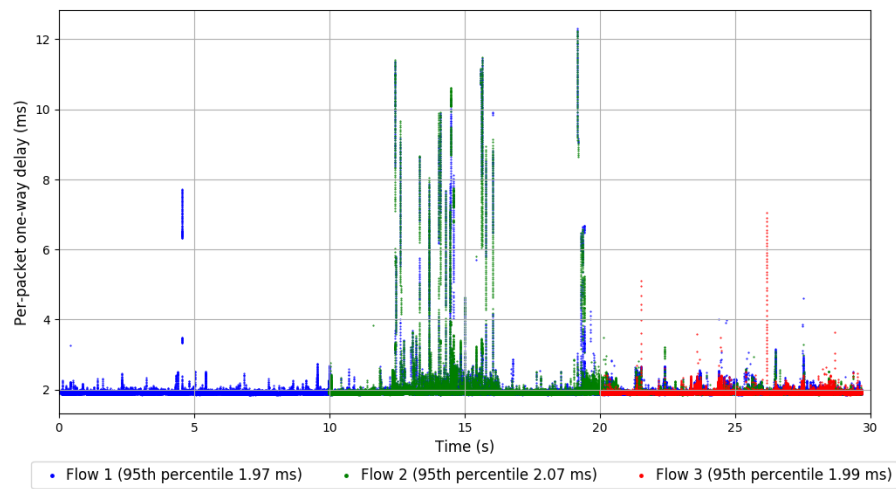
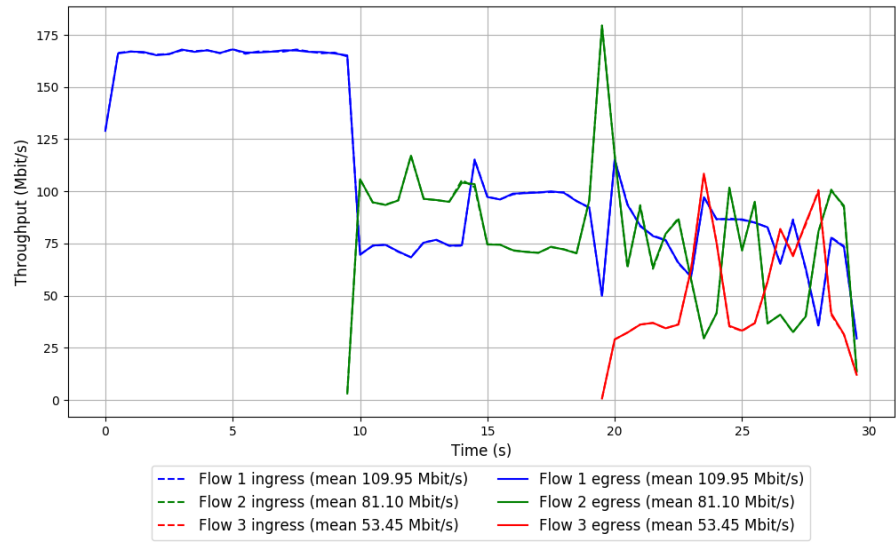


Run 4: Statistics of Indigo

Start at: 2017-09-08 02:23:48
End at: 2017-09-08 02:24:18
Local clock offset: -2.687 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2017-09-08 07:41:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 181.27 Mbit/s
95th percentile per-packet one-way delay: 1.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.95 Mbit/s
95th percentile per-packet one-way delay: 1.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 81.10 Mbit/s
95th percentile per-packet one-way delay: 2.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.45 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

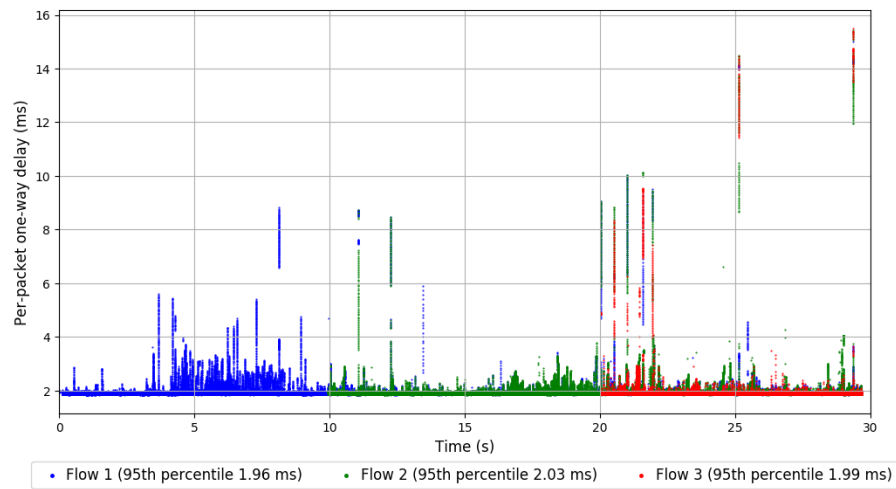
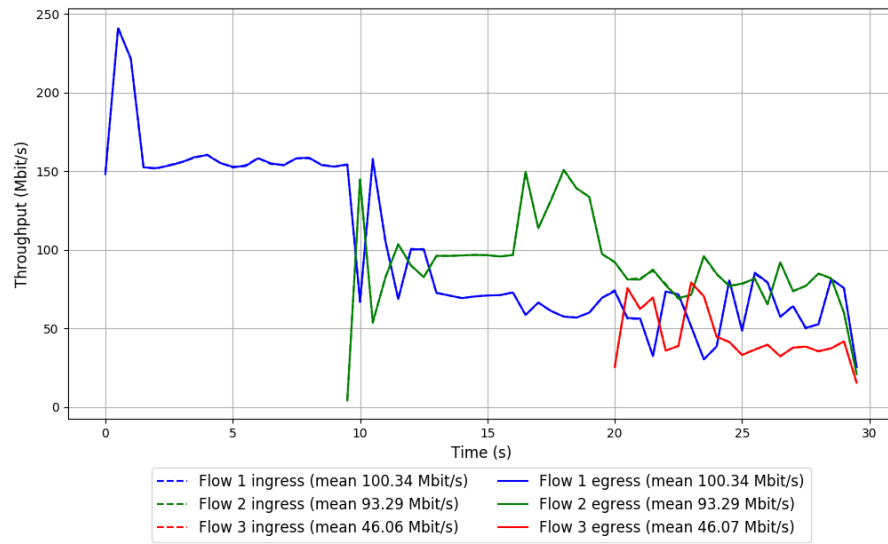


Run 5: Statistics of Indigo

Start at: 2017-09-08 02:43:56
End at: 2017-09-08 02:44:26
Local clock offset: -2.655 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2017-09-08 07:42:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 177.34 Mbit/s
95th percentile per-packet one-way delay: 1.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.34 Mbit/s
95th percentile per-packet one-way delay: 1.955 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 2.033 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.07 Mbit/s
95th percentile per-packet one-way delay: 1.994 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-09-08 03:03:59

End at: 2017-09-08 03:04:29

Local clock offset: -2.697 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2017-09-08 07:42:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 191.44 Mbit/s

95th percentile per-packet one-way delay: 2.096 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 110.88 Mbit/s

95th percentile per-packet one-way delay: 2.070 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 2.165 ms

Loss rate: 0.00%

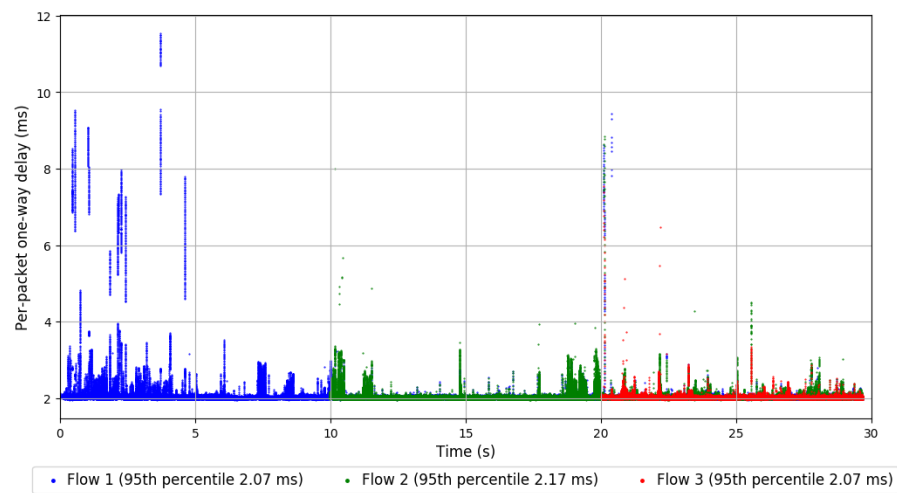
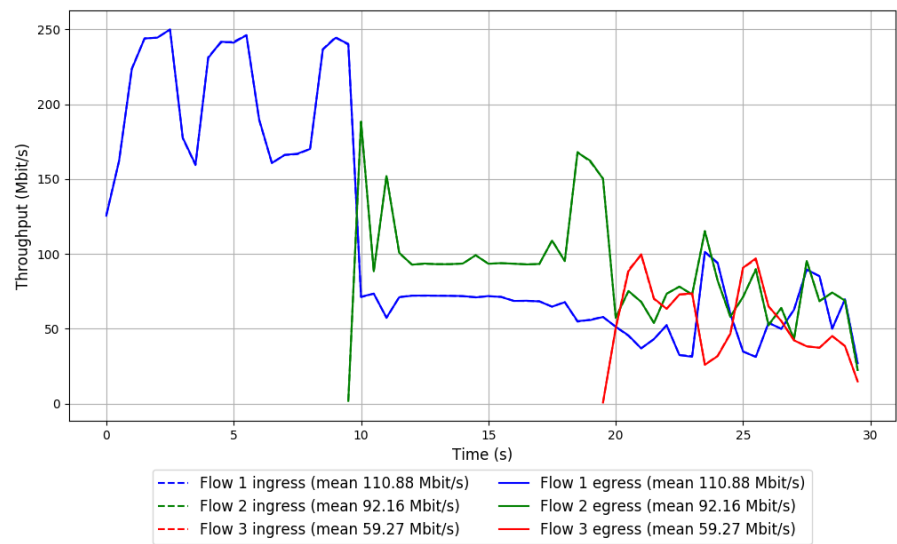
-- Flow 3:

Average throughput: 59.27 Mbit/s

95th percentile per-packet one-way delay: 2.069 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

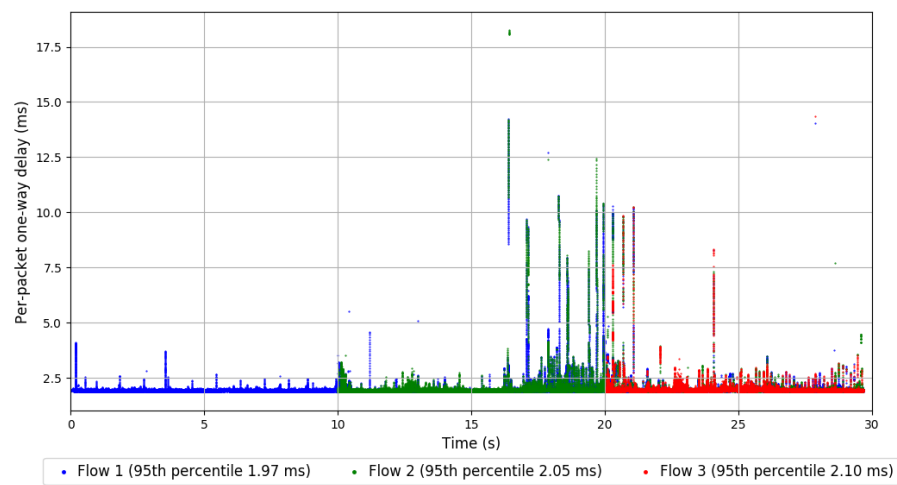
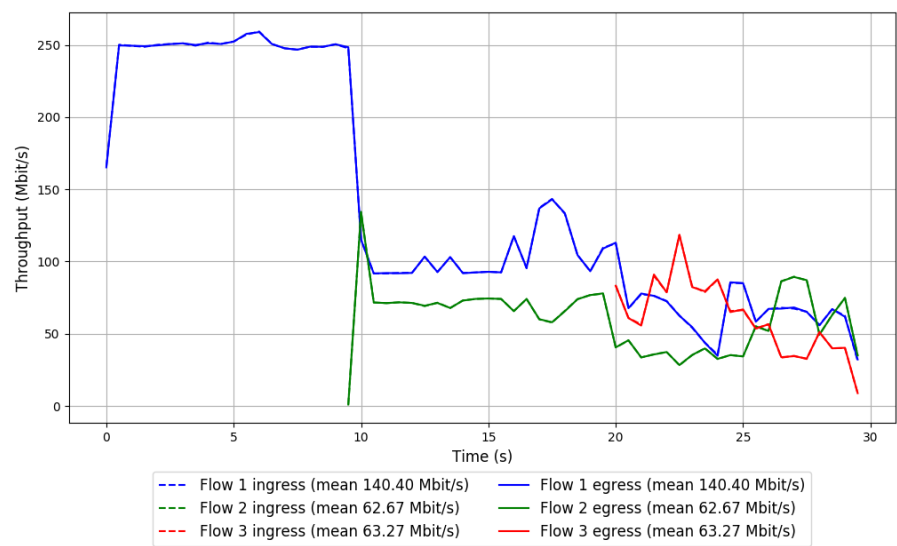


Run 7: Statistics of Indigo

Start at: 2017-09-08 03:23:43
End at: 2017-09-08 03:24:13
Local clock offset: -2.694 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2017-09-08 07:42:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 202.54 Mbit/s
95th percentile per-packet one-way delay: 1.998 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.40 Mbit/s
95th percentile per-packet one-way delay: 1.971 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.67 Mbit/s
95th percentile per-packet one-way delay: 2.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.27 Mbit/s
95th percentile per-packet one-way delay: 2.099 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

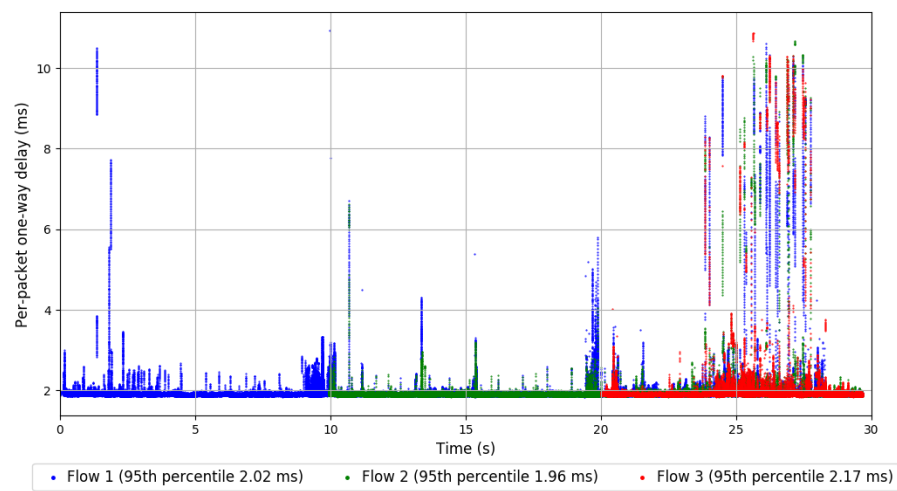
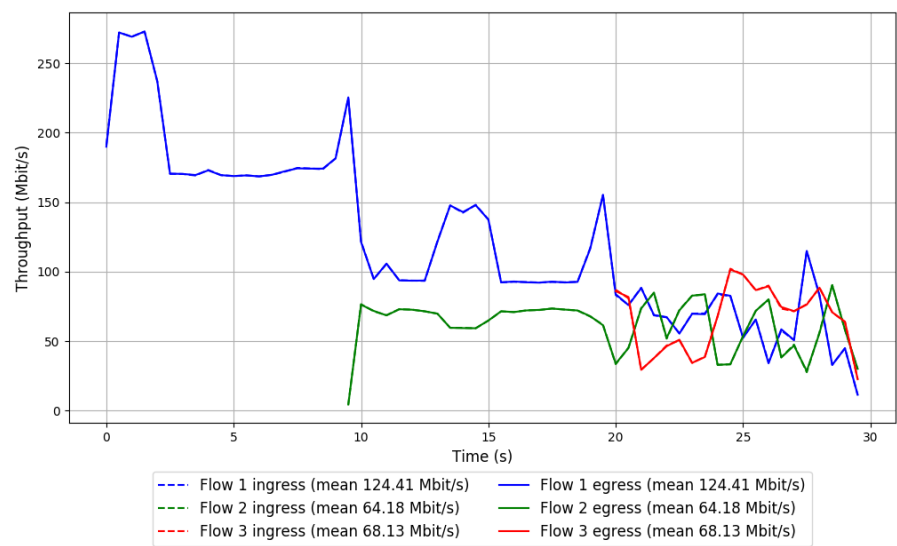


Run 8: Statistics of Indigo

Start at: 2017-09-08 03:43:36
End at: 2017-09-08 03:44:06
Local clock offset: -2.895 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2017-09-08 07:42:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.27 Mbit/s
95th percentile per-packet one-way delay: 2.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 124.41 Mbit/s
95th percentile per-packet one-way delay: 2.023 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 1.964 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.13 Mbit/s
95th percentile per-packet one-way delay: 2.175 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

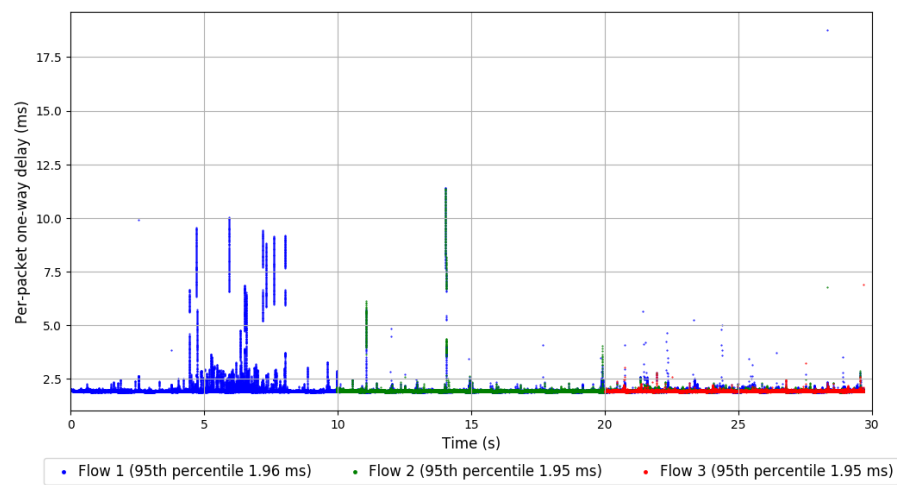
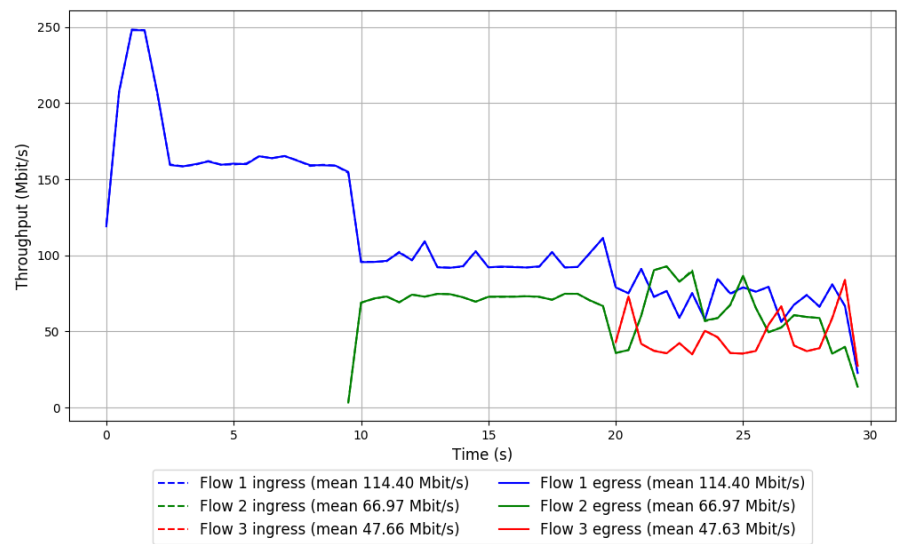


Run 9: Statistics of Indigo

Start at: 2017-09-08 04:02:55
End at: 2017-09-08 04:03:25
Local clock offset: -2.9 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2017-09-08 07:42:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 174.37 Mbit/s
95th percentile per-packet one-way delay: 1.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 114.40 Mbit/s
95th percentile per-packet one-way delay: 1.956 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.97 Mbit/s
95th percentile per-packet one-way delay: 1.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 1.954 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

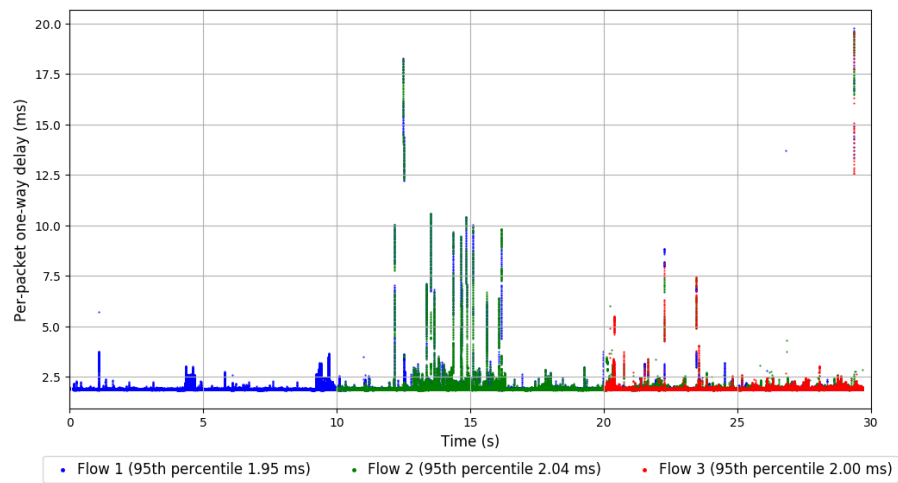
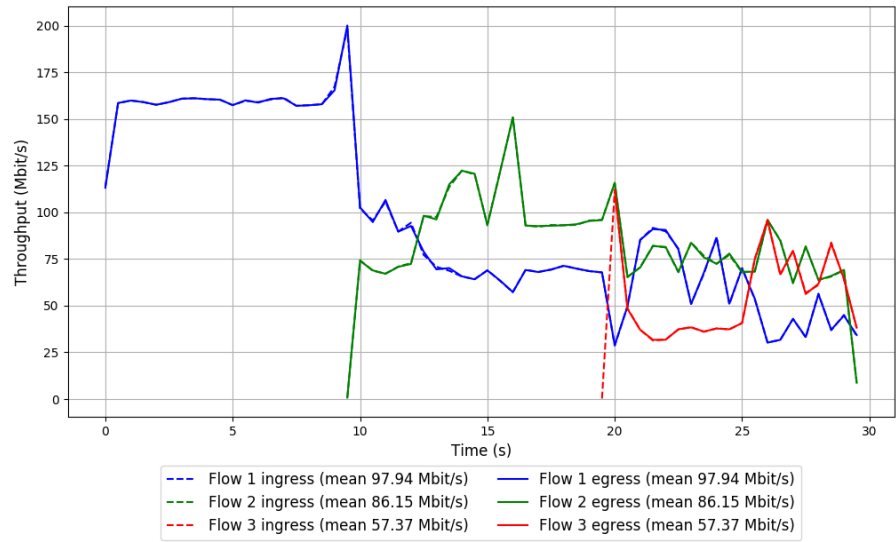


Run 10: Statistics of Indigo

Start at: 2017-09-08 04:22:47
End at: 2017-09-08 04:23:17
Local clock offset: -3.013 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2017-09-08 07:43:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.77 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.94 Mbit/s
95th percentile per-packet one-way delay: 1.953 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 86.15 Mbit/s
95th percentile per-packet one-way delay: 2.040 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.37 Mbit/s
95th percentile per-packet one-way delay: 2.002 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

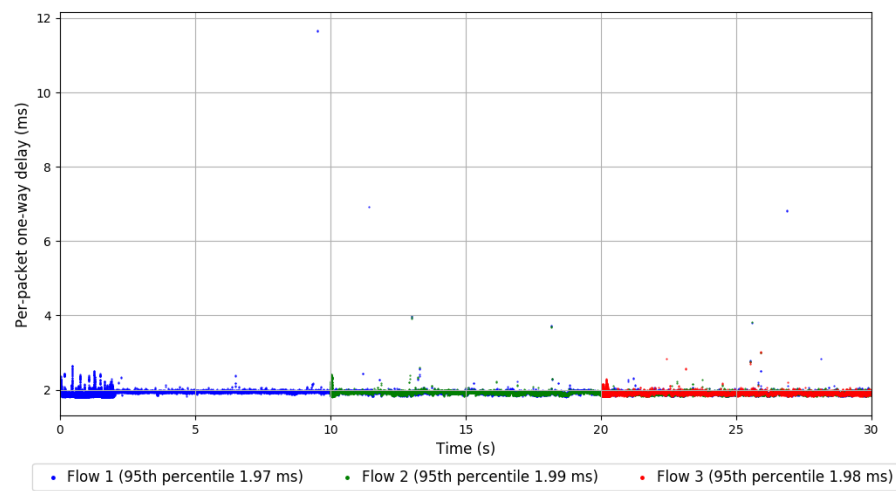
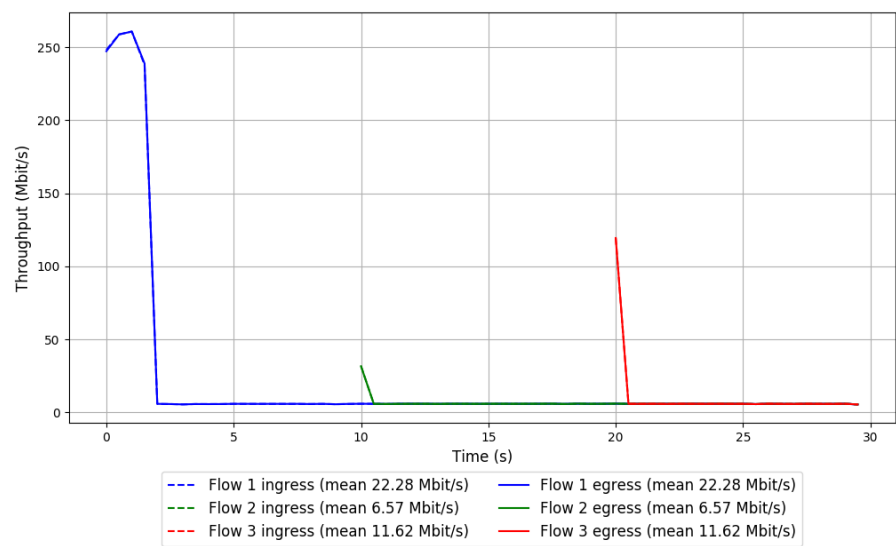


```
Run 1: Statistics of KohoCC

Start at: 2017-09-08 01:21:27
End at: 2017-09-08 01:21:57
Local clock offset: -2.923 ms
Remote clock offset: -0.036 ms

# Below is generated by plot.py at 2017-09-08 07:43:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 1.977 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.28 Mbit/s
95th percentile per-packet one-way delay: 1.972 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 1.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 1.983 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

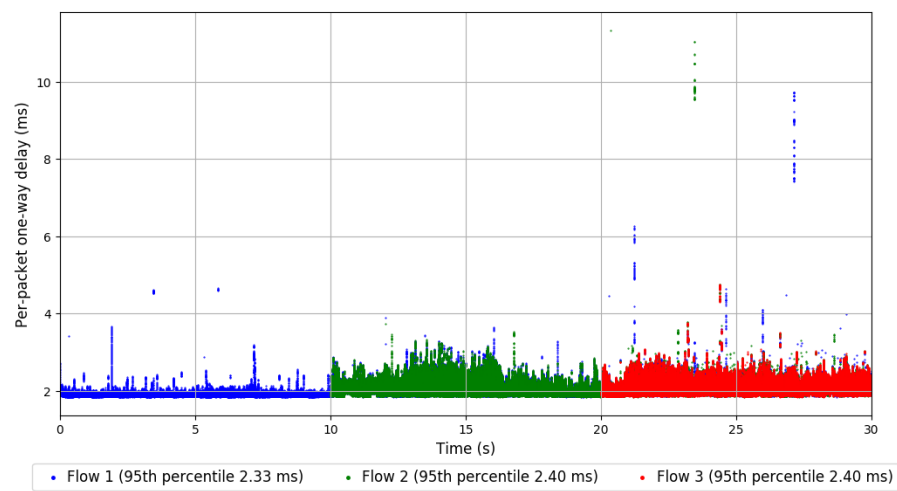
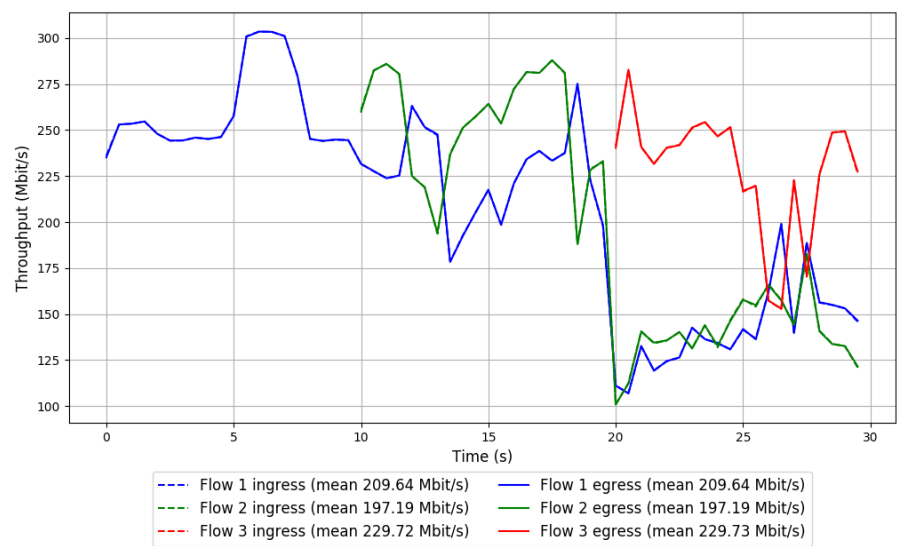


Run 2: Statistics of KohoCC

Start at: 2017-09-08 01:40:47
End at: 2017-09-08 01:41:17
Local clock offset: -2.959 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2017-09-08 07:43:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 417.27 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.64 Mbit/s
95th percentile per-packet one-way delay: 2.327 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 197.19 Mbit/s
95th percentile per-packet one-way delay: 2.398 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 229.73 Mbit/s
95th percentile per-packet one-way delay: 2.399 ms
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link

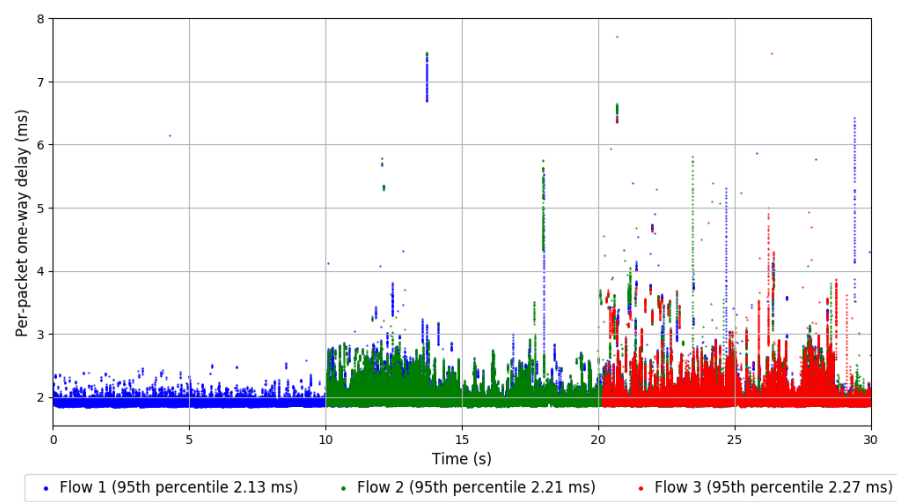
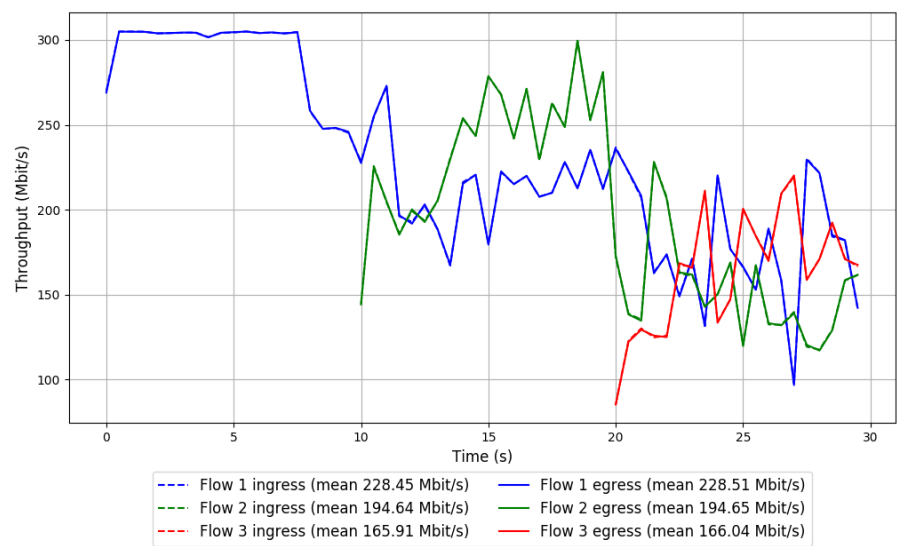


Run 3: Statistics of KohoCC

Start at: 2017-09-08 02:00:50
End at: 2017-09-08 02:01:20
Local clock offset: -2.76 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2017-09-08 07:44:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 412.51 Mbit/s
95th percentile per-packet one-way delay: 2.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.51 Mbit/s
95th percentile per-packet one-way delay: 2.132 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.65 Mbit/s
95th percentile per-packet one-way delay: 2.211 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 166.04 Mbit/s
95th percentile per-packet one-way delay: 2.275 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link

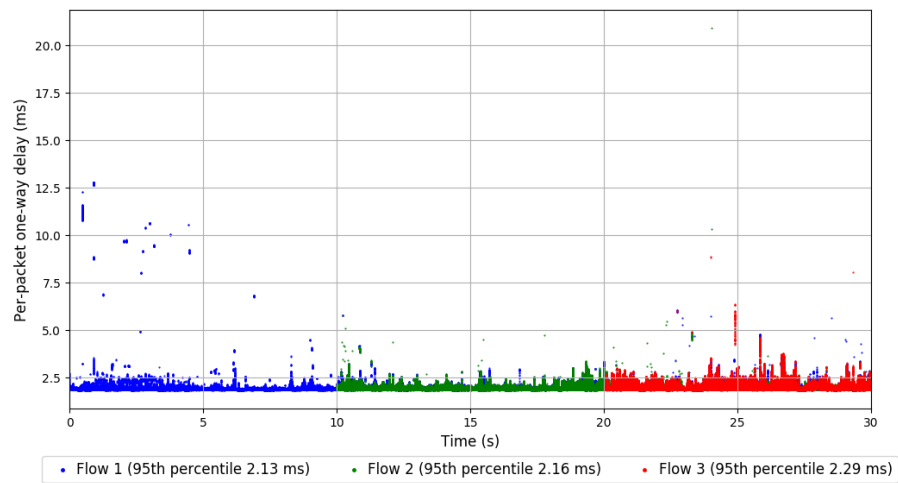
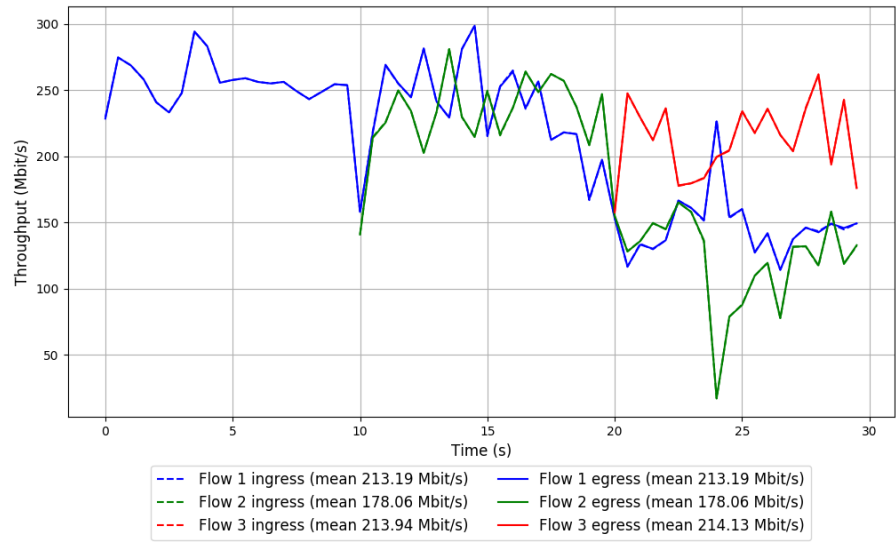


Run 4: Statistics of KohoCC

Start at: 2017-09-08 02:21:00
End at: 2017-09-08 02:21:30
Local clock offset: -2.689 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2017-09-08 07:44:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.62 Mbit/s
95th percentile per-packet one-way delay: 2.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 213.19 Mbit/s
95th percentile per-packet one-way delay: 2.131 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 178.06 Mbit/s
95th percentile per-packet one-way delay: 2.163 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 214.13 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

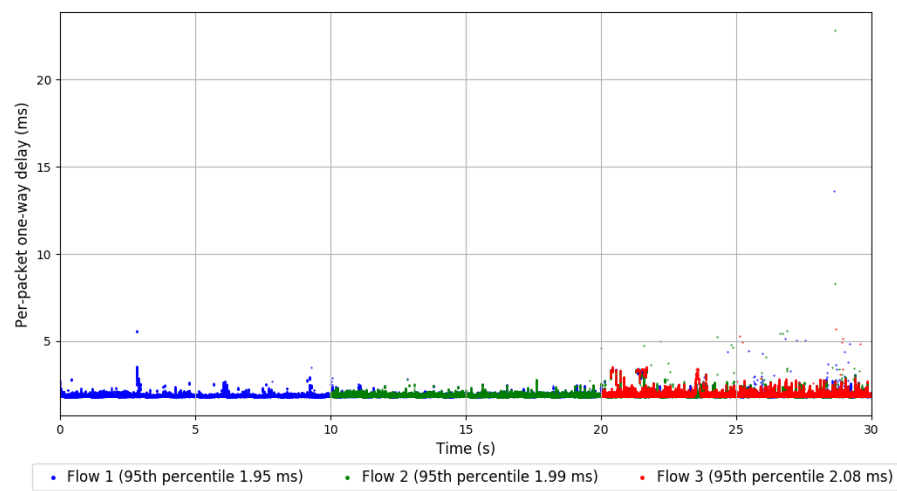
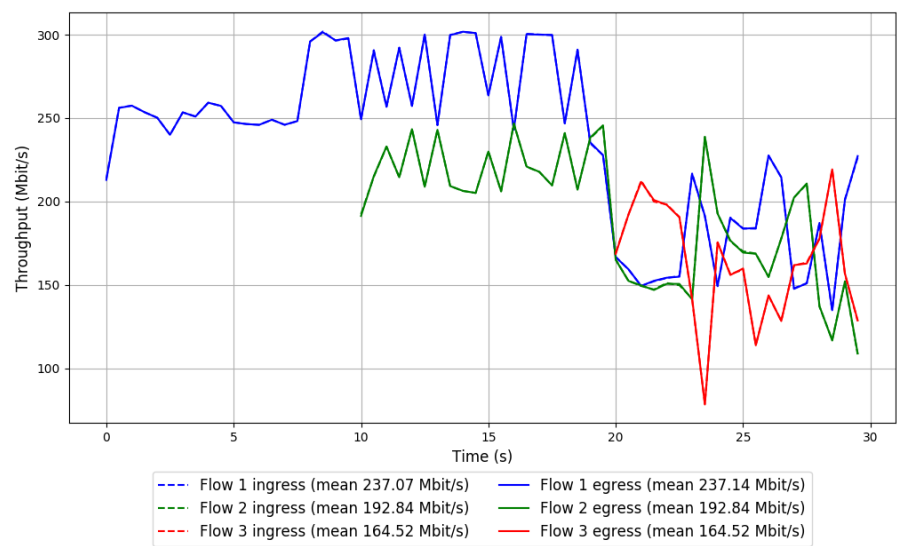


Run 5: Statistics of KohoCC

Start at: 2017-09-08 02:41:06
End at: 2017-09-08 02:41:36
Local clock offset: -2.606 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2017-09-08 07:44:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 420.06 Mbit/s
95th percentile per-packet one-way delay: 1.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 237.14 Mbit/s
95th percentile per-packet one-way delay: 1.947 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.84 Mbit/s
95th percentile per-packet one-way delay: 1.985 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.52 Mbit/s
95th percentile per-packet one-way delay: 2.085 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: 2017-09-08 03:01:10

End at: 2017-09-08 03:01:40

Local clock offset: -2.566 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2017-09-08 07:45:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 422.29 Mbit/s

95th percentile per-packet one-way delay: 2.043 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 222.55 Mbit/s

95th percentile per-packet one-way delay: 2.016 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 214.46 Mbit/s

95th percentile per-packet one-way delay: 2.057 ms

Loss rate: 0.00%

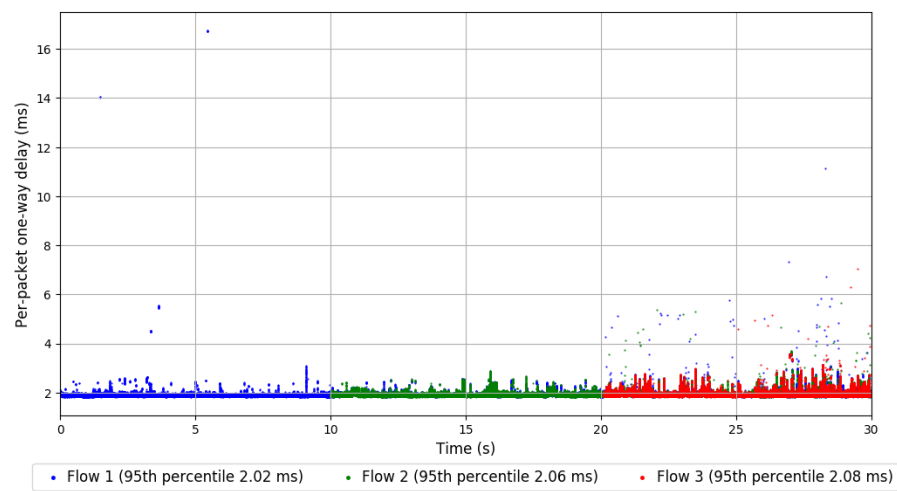
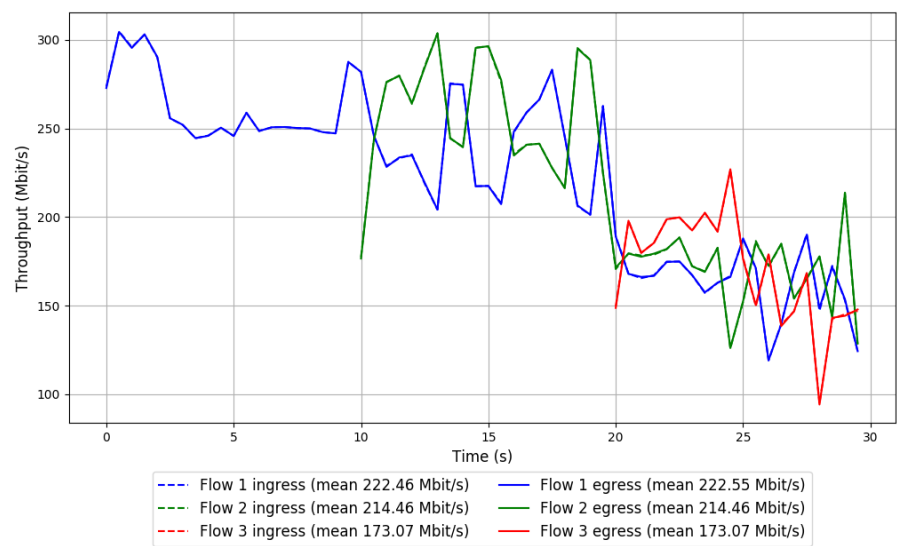
-- Flow 3:

Average throughput: 173.07 Mbit/s

95th percentile per-packet one-way delay: 2.083 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

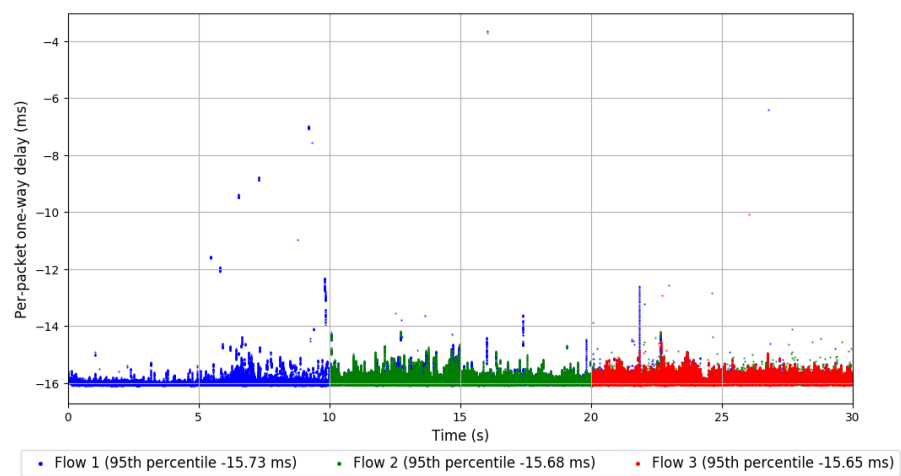
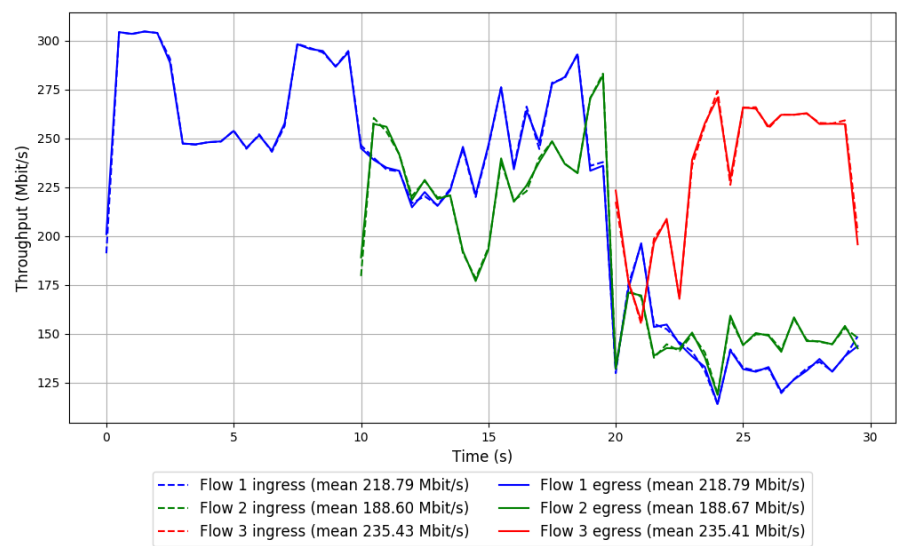


Run 7: Statistics of KohoCC

Start at: 2017-09-08 03:20:55
End at: 2017-09-08 03:21:25
Local clock offset: -2.645 ms
Remote clock offset: -17.926 ms

Below is generated by plot.py at 2017-09-08 07:45:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 422.26 Mbit/s
95th percentile per-packet one-way delay: -15.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.79 Mbit/s
95th percentile per-packet one-way delay: -15.727 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 188.67 Mbit/s
95th percentile per-packet one-way delay: -15.683 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 235.41 Mbit/s
95th percentile per-packet one-way delay: -15.652 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

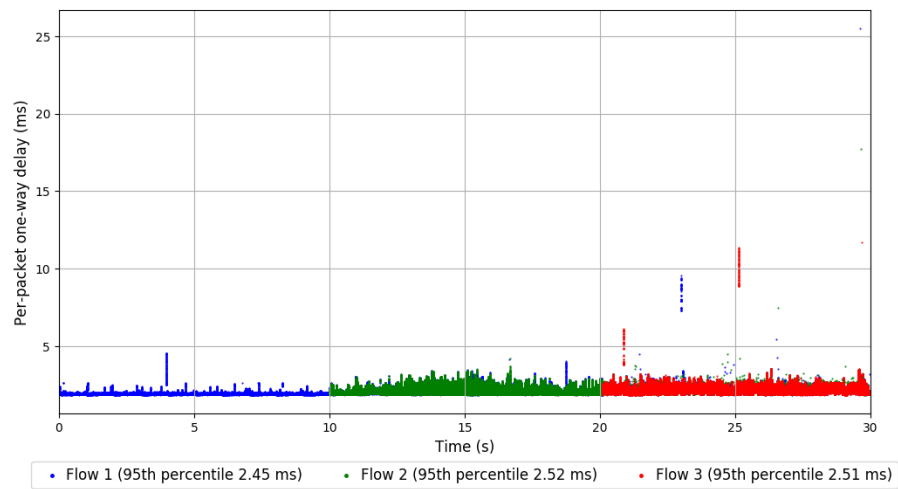
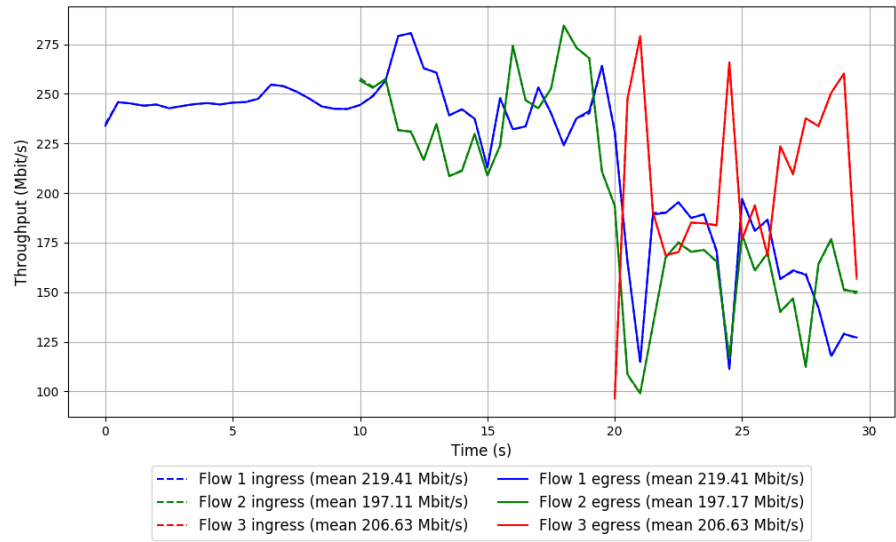


Run 8: Statistics of KohoCC

Start at: 2017-09-08 03:40:47
End at: 2017-09-08 03:41:17
Local clock offset: -2.859 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2017-09-08 07:46:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 418.84 Mbit/s
95th percentile per-packet one-way delay: 2.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 219.41 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 197.17 Mbit/s
95th percentile per-packet one-way delay: 2.517 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 206.63 Mbit/s
95th percentile per-packet one-way delay: 2.514 ms
Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link

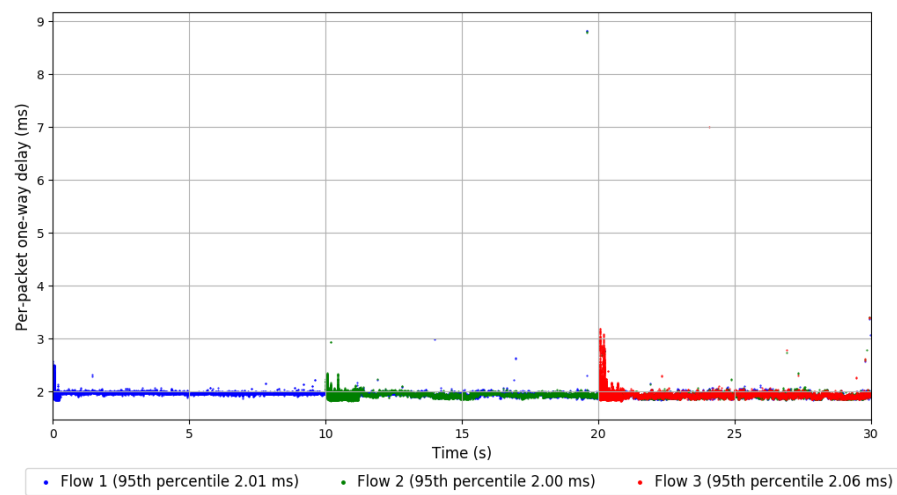
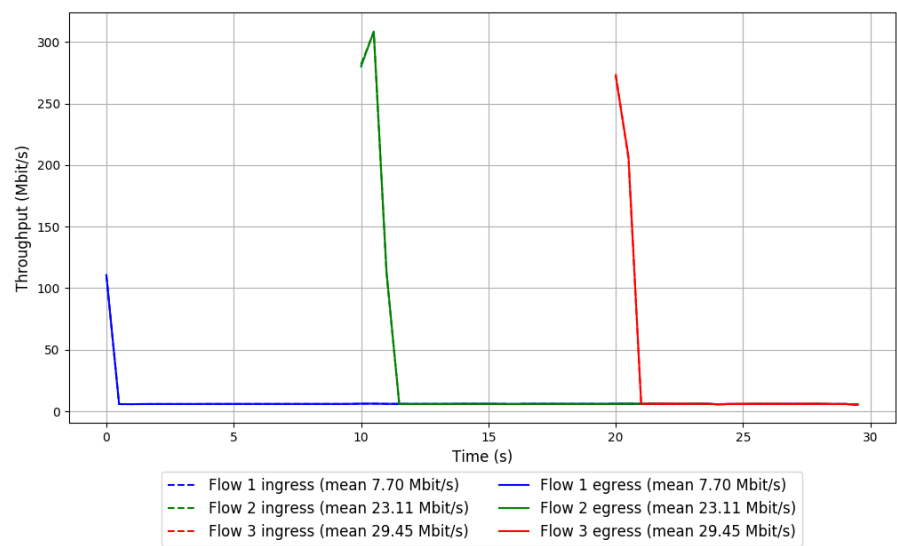


Run 9: Statistics of KohoCC

Start at: 2017-09-08 04:00:31
End at: 2017-09-08 04:01:01
Local clock offset: -2.894 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2017-09-08 07:46:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.87 Mbit/s
95th percentile per-packet one-way delay: 2.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 2.014 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.11 Mbit/s
95th percentile per-packet one-way delay: 1.995 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.45 Mbit/s
95th percentile per-packet one-way delay: 2.056 ms
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link

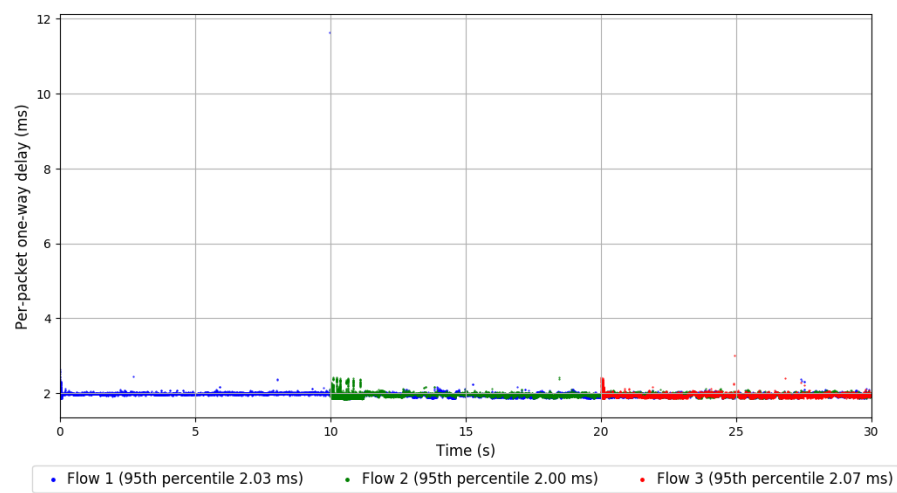
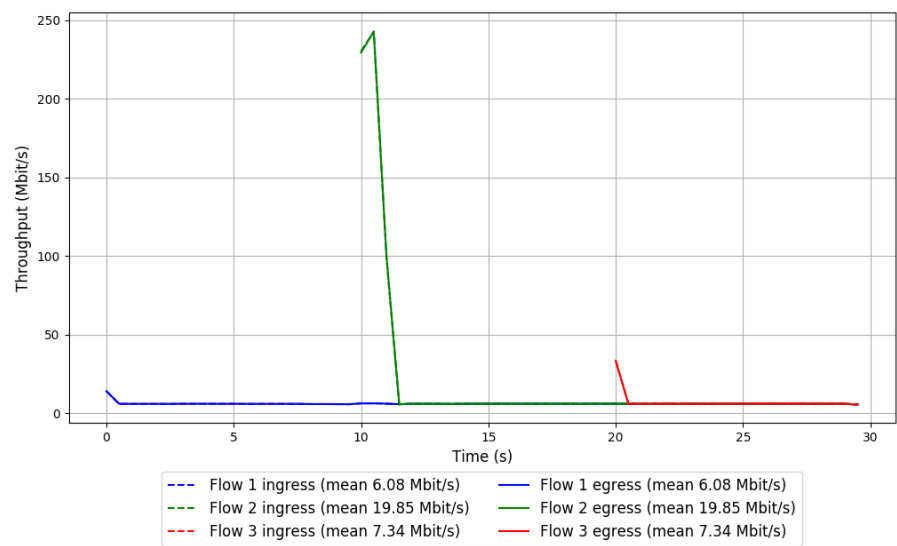


Run 10: Statistics of KohoCC

Start at: 2017-09-08 04:20:25
End at: 2017-09-08 04:20:55
Local clock offset: -2.957 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2017-09-08 07:46:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.73 Mbit/s
95th percentile per-packet one-way delay: 2.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 2.029 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 19.85 Mbit/s
95th percentile per-packet one-way delay: 2.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 2.072 ms
Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

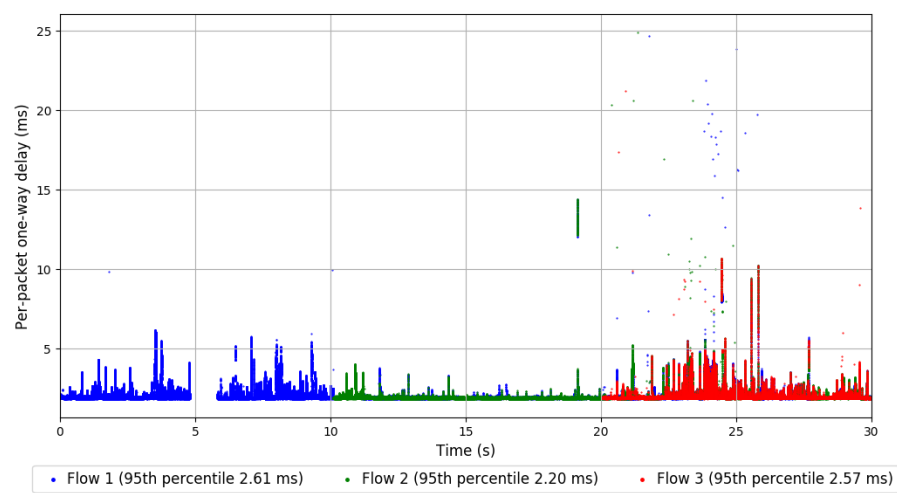
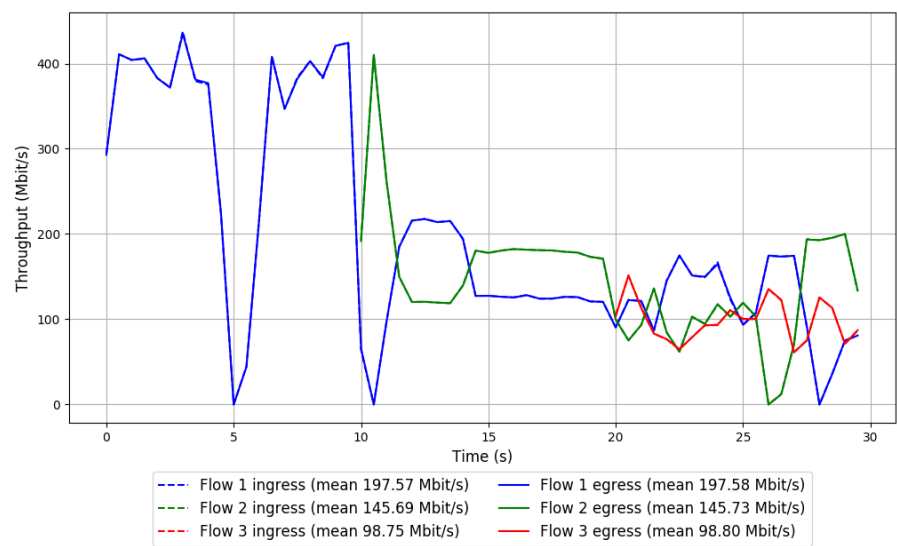


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-08 01:10:38
End at: 2017-09-08 01:11:08
Local clock offset: -2.952 ms
Remote clock offset: 0.144 ms

# Below is generated by plot.py at 2017-09-08 07:46:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 326.96 Mbit/s
95th percentile per-packet one-way delay: 2.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.58 Mbit/s
95th percentile per-packet one-way delay: 2.613 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 145.73 Mbit/s
95th percentile per-packet one-way delay: 2.198 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 98.80 Mbit/s
95th percentile per-packet one-way delay: 2.567 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

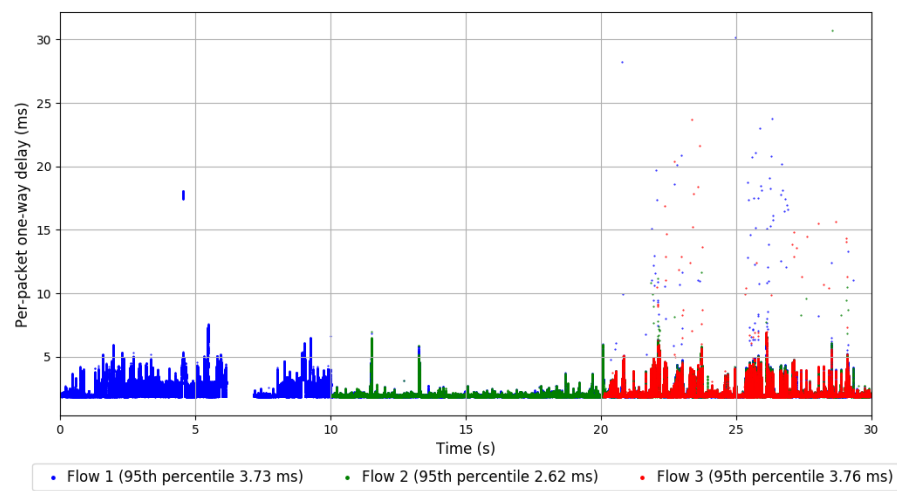
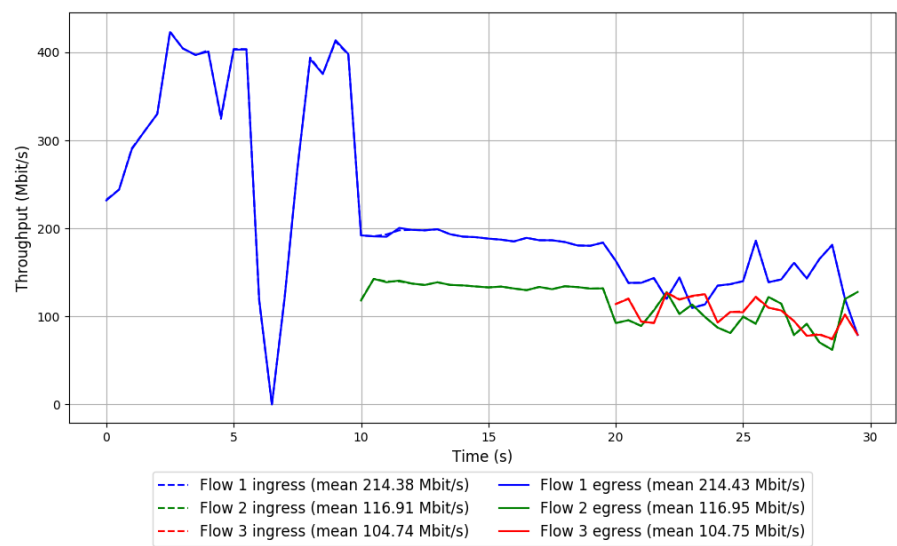


Run 2: Statistics of LEDBAT

Start at: 2017-09-08 01:30:11
End at: 2017-09-08 01:30:41
Local clock offset: -2.93 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2017-09-08 07:47:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.66 Mbit/s
95th percentile per-packet one-way delay: 3.611 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.43 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 116.95 Mbit/s
95th percentile per-packet one-way delay: 2.617 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 104.75 Mbit/s
95th percentile per-packet one-way delay: 3.757 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

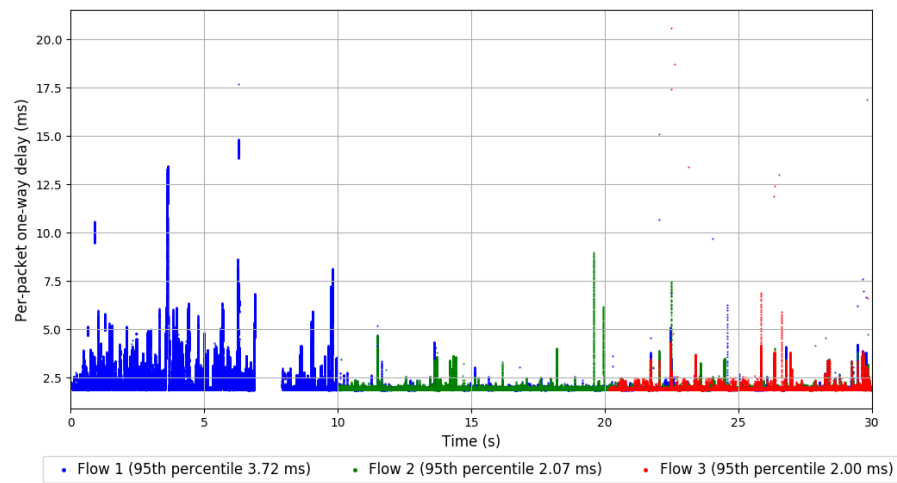
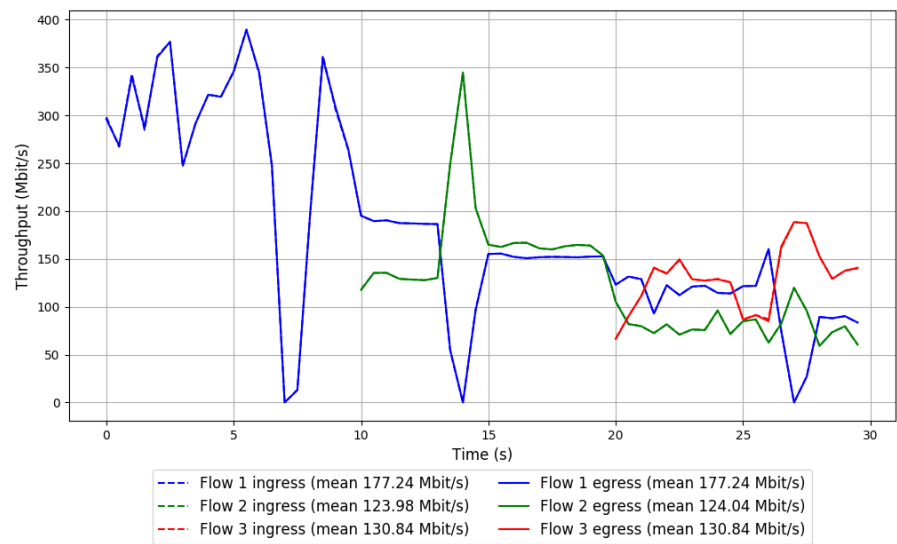


Run 3: Statistics of LEDBAT

Start at: 2017-09-08 01:50:00
End at: 2017-09-08 01:50:30
Local clock offset: -2.877 ms
Remote clock offset: -0.158 ms

Below is generated by plot.py at 2017-09-08 07:47:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 302.58 Mbit/s
95th percentile per-packet one-way delay: 3.175 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.24 Mbit/s
95th percentile per-packet one-way delay: 3.719 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 124.04 Mbit/s
95th percentile per-packet one-way delay: 2.068 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 130.84 Mbit/s
95th percentile per-packet one-way delay: 2.001 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-09-08 02:10:02

End at: 2017-09-08 02:10:32

Local clock offset: -2.704 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2017-09-08 07:47:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 317.66 Mbit/s

95th percentile per-packet one-way delay: 3.543 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 183.87 Mbit/s

95th percentile per-packet one-way delay: 3.931 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 140.96 Mbit/s

95th percentile per-packet one-way delay: 1.916 ms

Loss rate: 0.00%

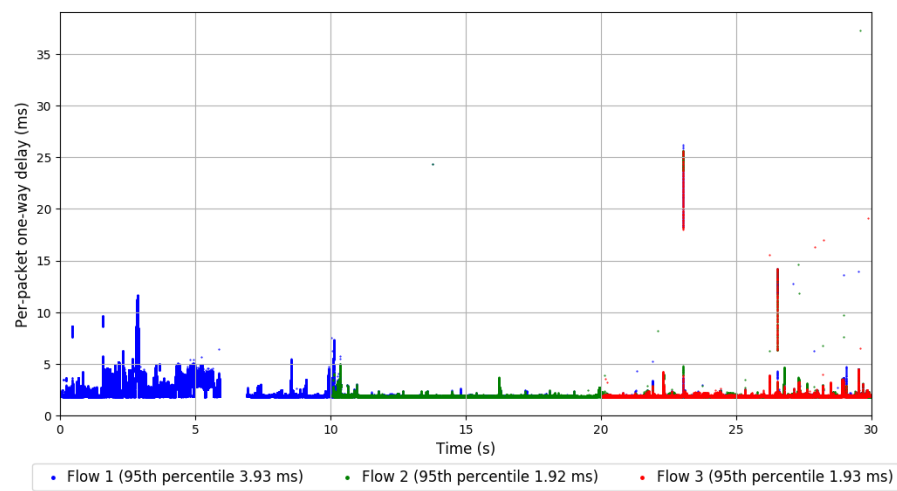
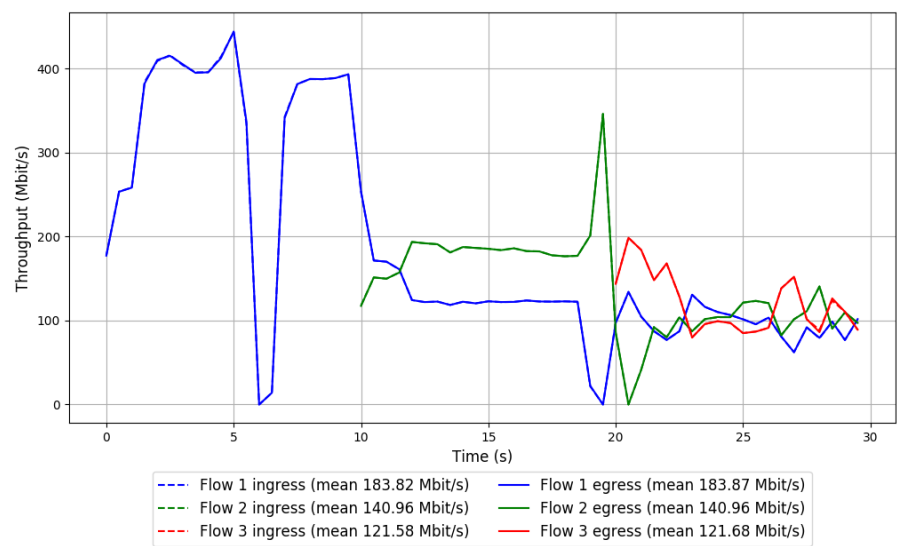
-- Flow 3:

Average throughput: 121.68 Mbit/s

95th percentile per-packet one-way delay: 1.932 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

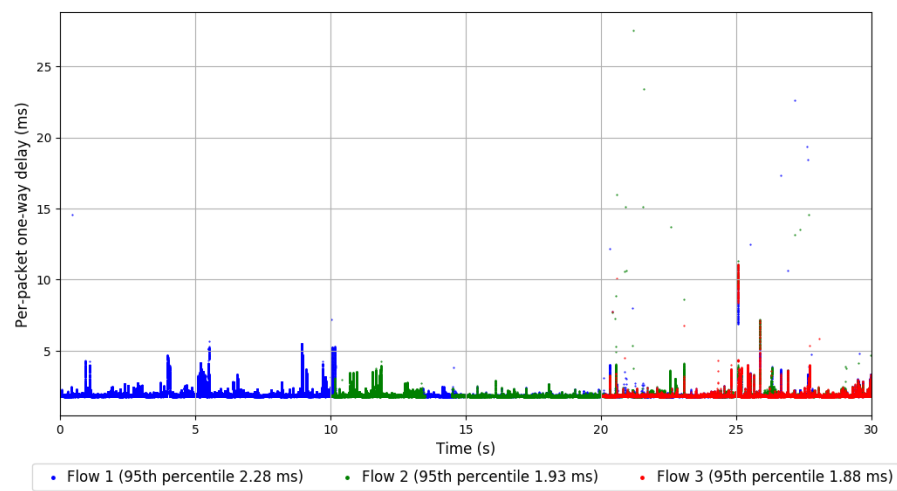
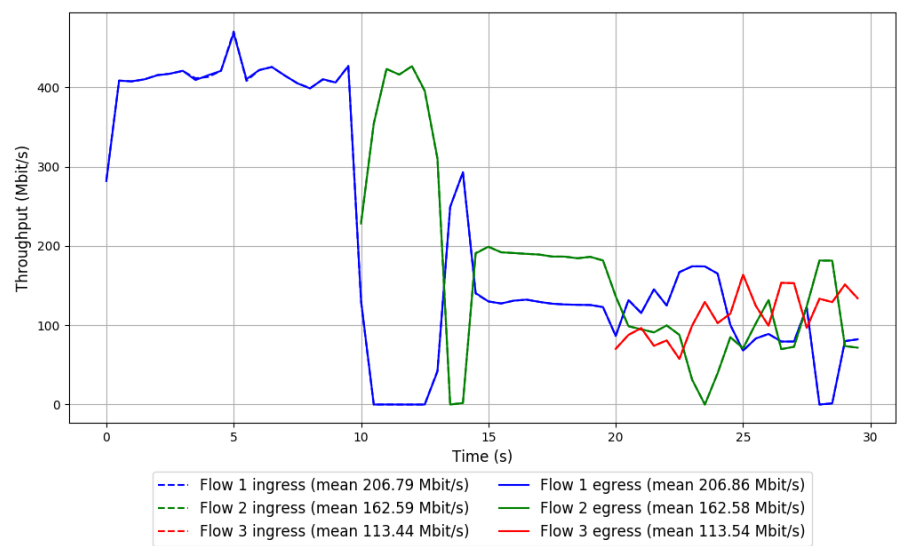


Run 5: Statistics of LEDBAT

Start at: 2017-09-08 02:30:08
End at: 2017-09-08 02:30:38
Local clock offset: -2.633 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2017-09-08 07:48:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 352.45 Mbit/s
95th percentile per-packet one-way delay: 2.097 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.86 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 162.58 Mbit/s
95th percentile per-packet one-way delay: 1.932 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 113.54 Mbit/s
95th percentile per-packet one-way delay: 1.880 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

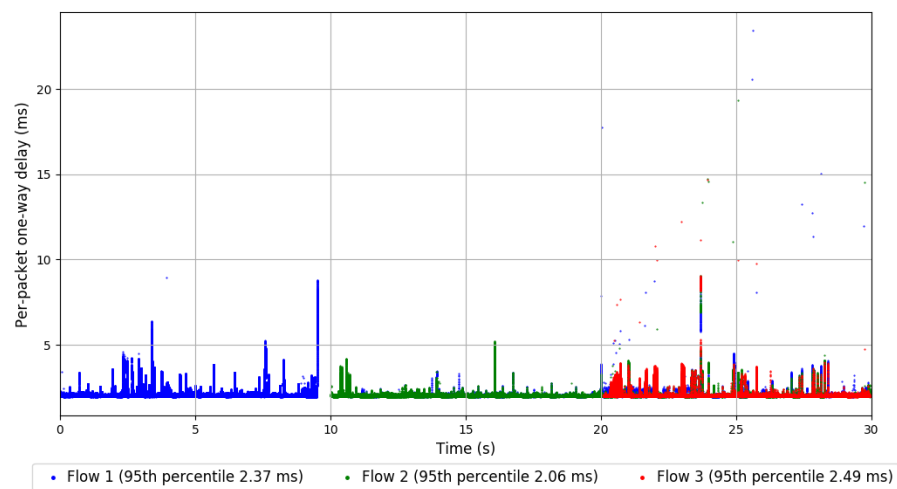
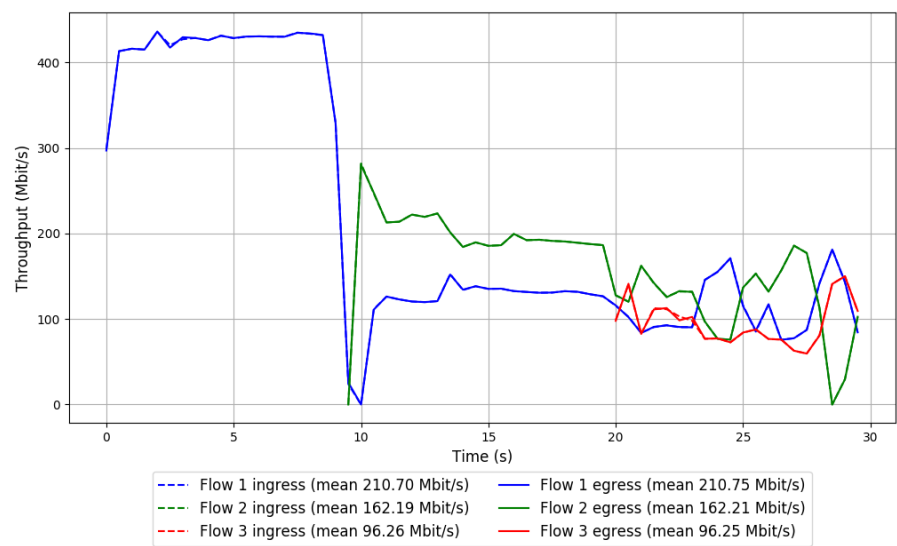


Run 6: Statistics of LEDBAT

Start at: 2017-09-08 02:50:17
End at: 2017-09-08 02:50:47
Local clock offset: -2.614 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2017-09-08 07:48:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 350.55 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.75 Mbit/s
95th percentile per-packet one-way delay: 2.366 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 162.21 Mbit/s
95th percentile per-packet one-way delay: 2.063 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 2.487 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

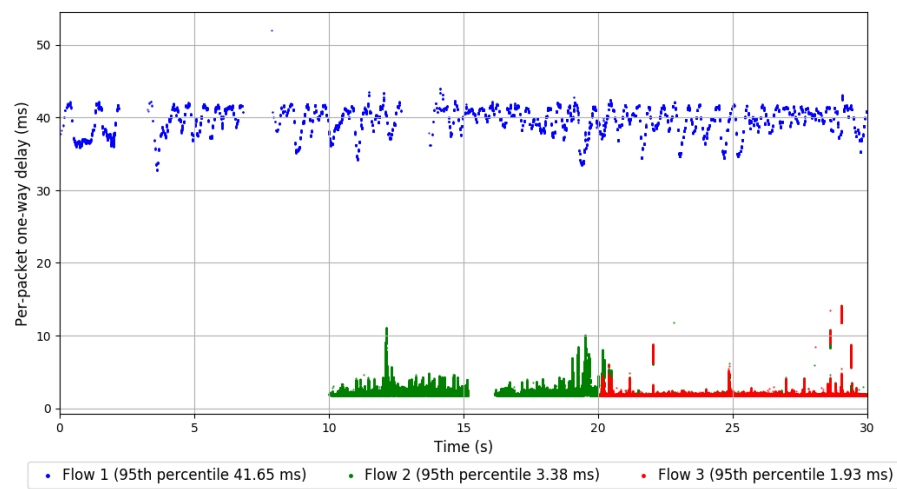
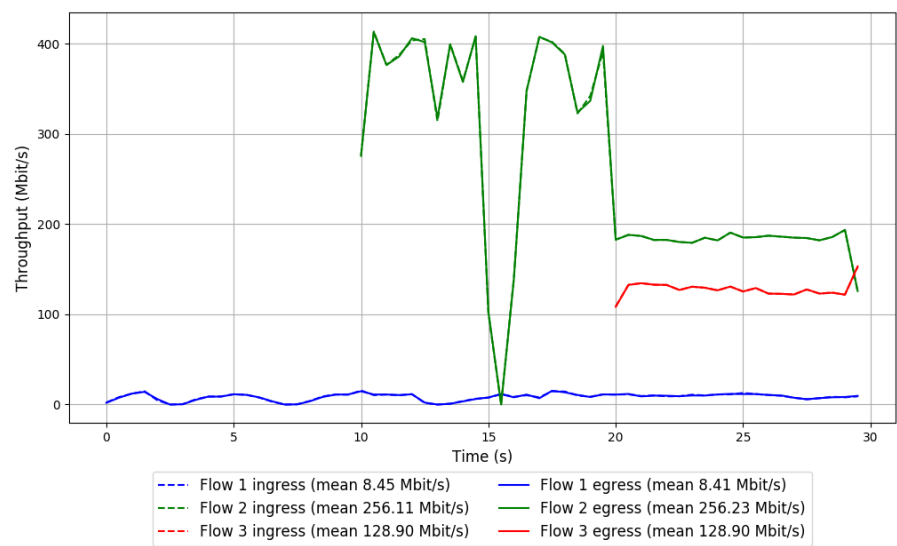


Run 7: Statistics of LEDBAT

Start at: 2017-09-08 03:10:18
End at: 2017-09-08 03:10:48
Local clock offset: -2.605 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2017-09-08 07:48:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 221.93 Mbit/s
95th percentile per-packet one-way delay: 6.074 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 41.650 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 256.23 Mbit/s
95th percentile per-packet one-way delay: 3.385 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 128.90 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

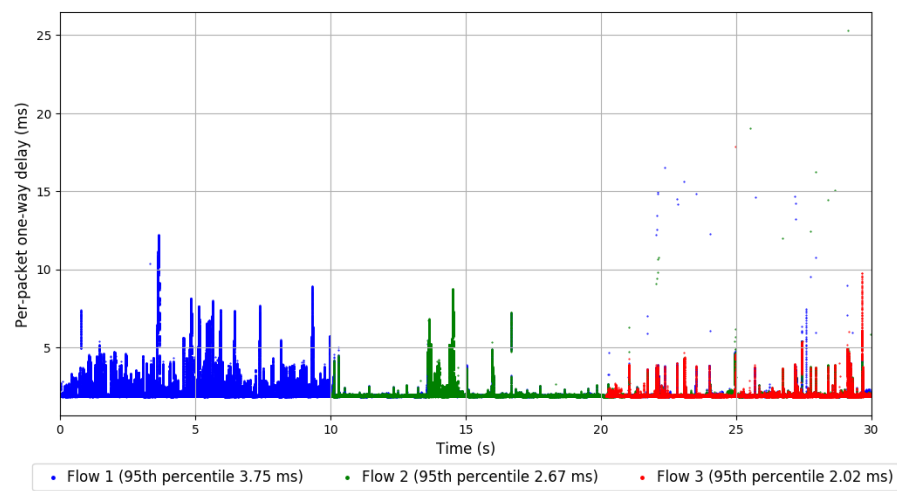
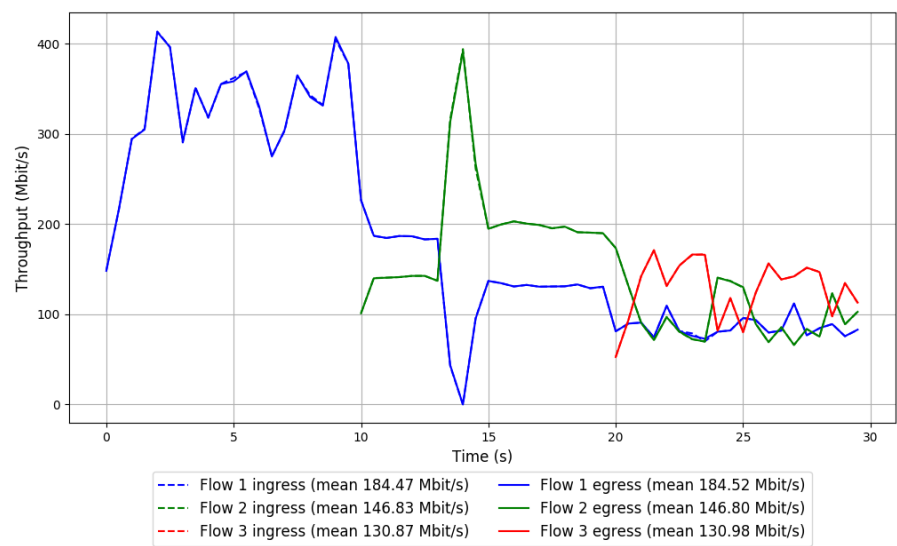


Run 8: Statistics of LEDBAT

Start at: 2017-09-08 03:30:03
End at: 2017-09-08 03:30:33
Local clock offset: -2.737 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2017-09-08 07:49:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 324.95 Mbit/s
95th percentile per-packet one-way delay: 3.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 184.52 Mbit/s
95th percentile per-packet one-way delay: 3.747 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 146.80 Mbit/s
95th percentile per-packet one-way delay: 2.666 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 130.98 Mbit/s
95th percentile per-packet one-way delay: 2.017 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

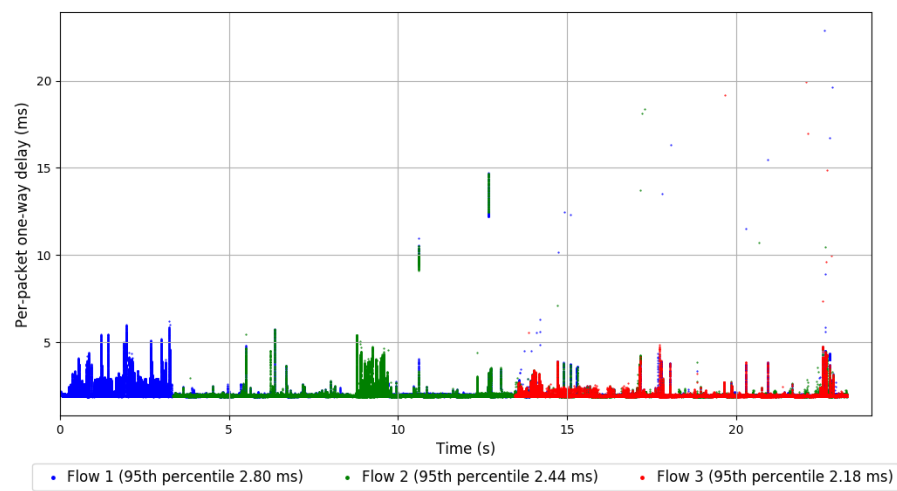
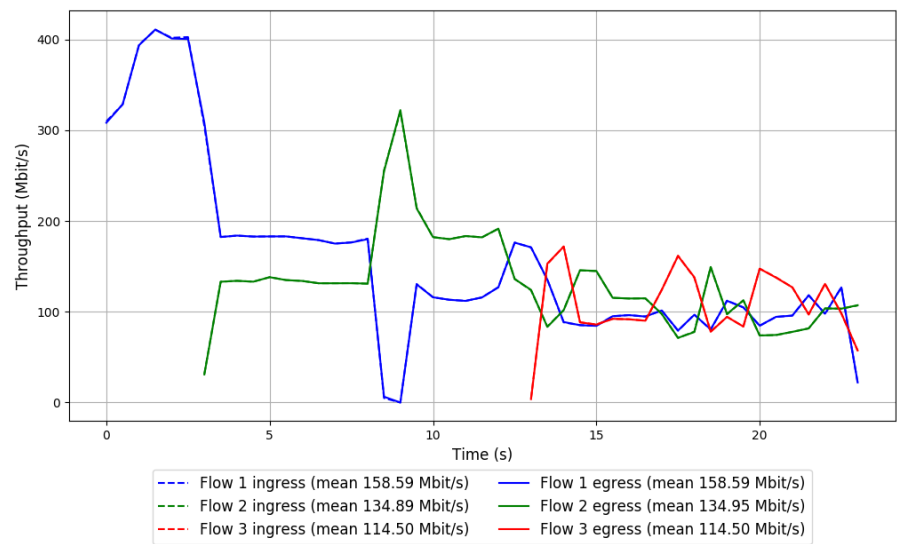
Start at: 2017-09-08 03:49:58

End at: 2017-09-08 03:50:28

Local clock offset: -2.905 ms

Remote clock offset: -0.031 ms

Run 9: Report of LEDBAT — Data Link

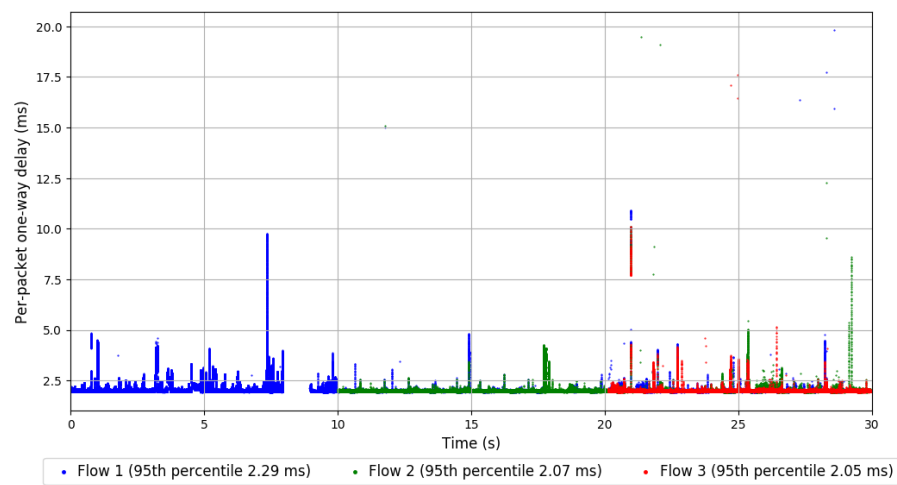
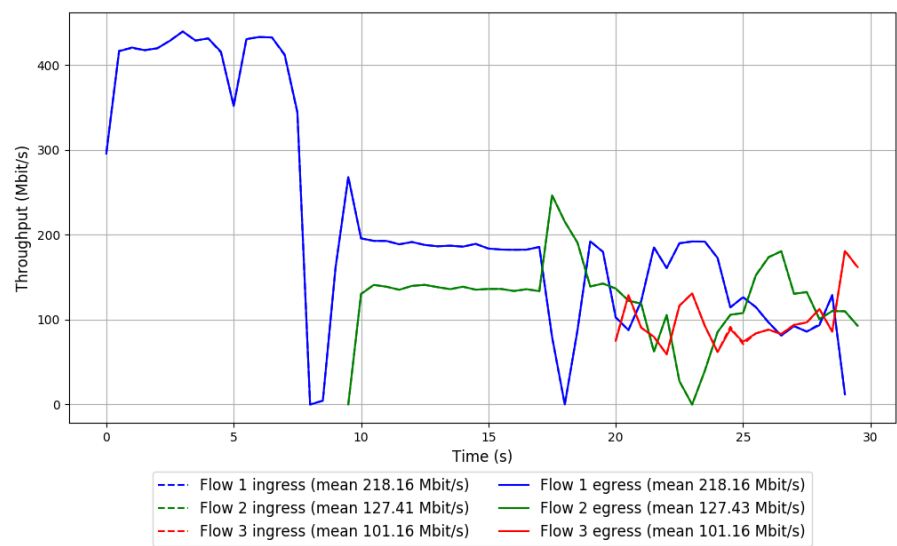


Run 10: Statistics of LEDBAT

Start at: 2017-09-08 04:09:22
End at: 2017-09-08 04:09:52
Local clock offset: -3.013 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2017-09-08 07:50:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.71 Mbit/s
95th percentile per-packet one-way delay: 2.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.16 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 127.43 Mbit/s
95th percentile per-packet one-way delay: 2.073 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 101.16 Mbit/s
95th percentile per-packet one-way delay: 2.053 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

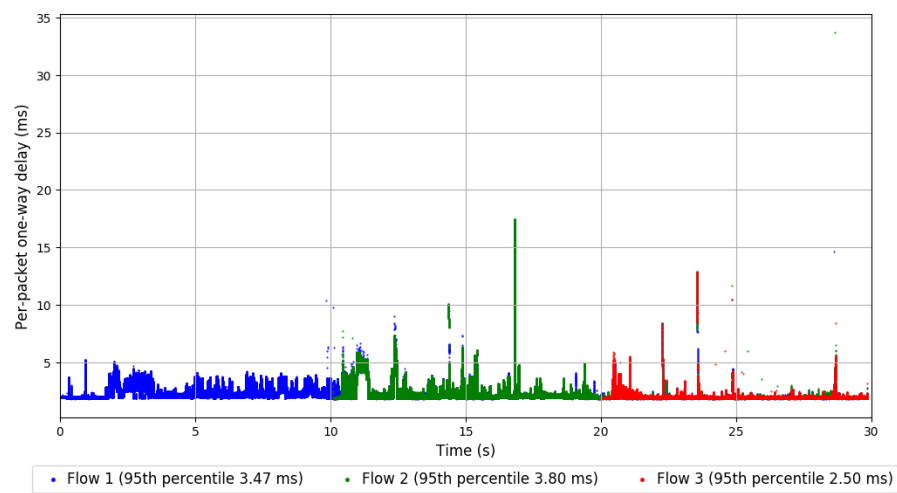
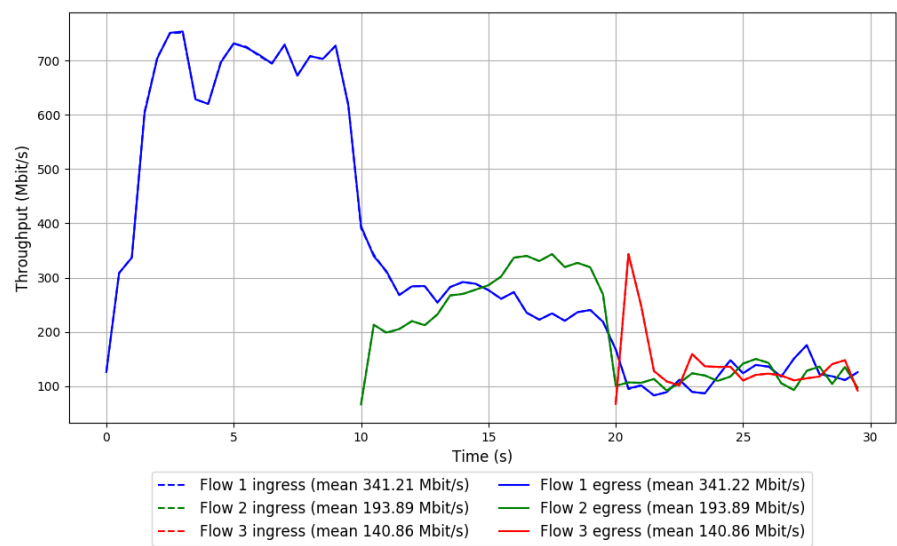


Run 1: Statistics of PCC

Start at: 2017-09-08 01:28:49
End at: 2017-09-08 01:29:19
Local clock offset: -2.906 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2017-09-08 07:50:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 515.89 Mbit/s
95th percentile per-packet one-way delay: 3.472 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 341.22 Mbit/s
95th percentile per-packet one-way delay: 3.474 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.89 Mbit/s
95th percentile per-packet one-way delay: 3.803 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 140.86 Mbit/s
95th percentile per-packet one-way delay: 2.500 ms
Loss rate: 0.00%

Run 1: Report of PCC — Data Link

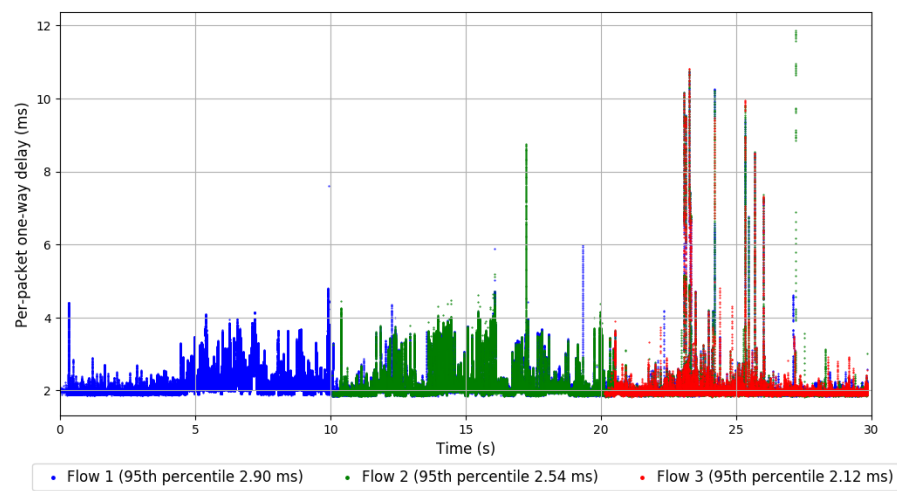
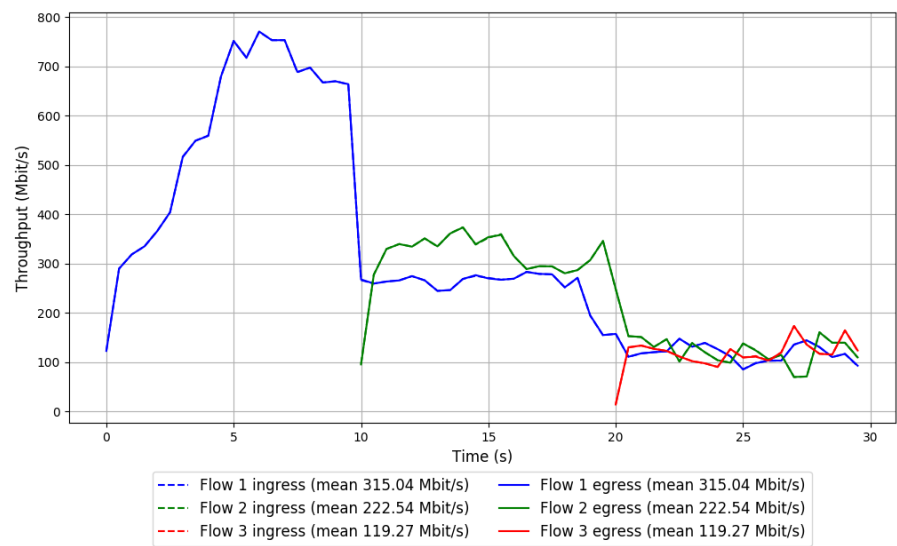


Run 2: Statistics of PCC

Start at: 2017-09-08 01:48:38
End at: 2017-09-08 01:49:08
Local clock offset: -2.945 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2017-09-08 07:51:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 501.49 Mbit/s
95th percentile per-packet one-way delay: 2.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 315.04 Mbit/s
95th percentile per-packet one-way delay: 2.905 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 222.54 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 119.27 Mbit/s
95th percentile per-packet one-way delay: 2.115 ms
Loss rate: 0.00%

Run 2: Report of PCC — Data Link

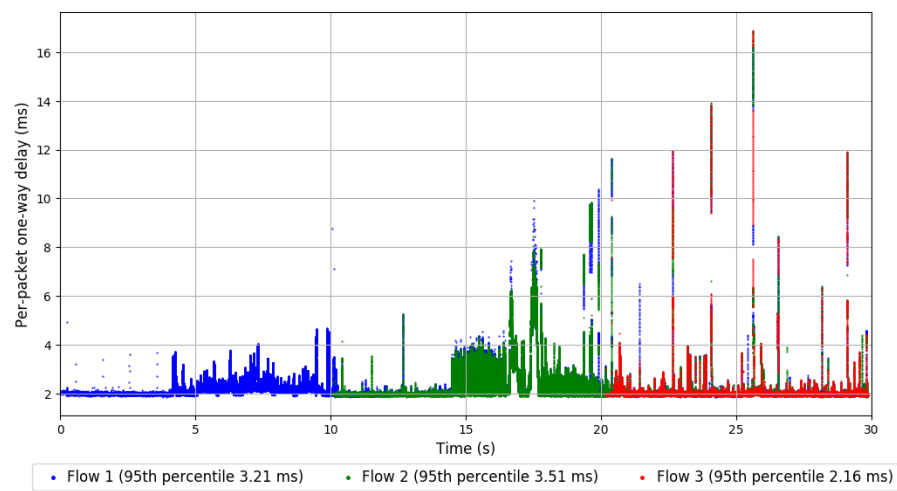
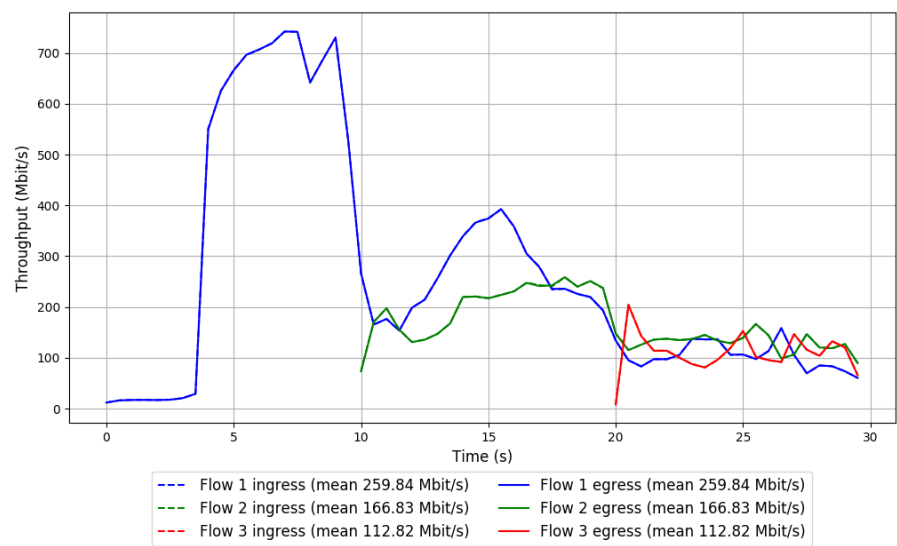


Run 3: Statistics of PCC

Start at: 2017-09-08 02:08:43
End at: 2017-09-08 02:09:13
Local clock offset: -2.766 ms
Remote clock offset: -0.122 ms

Below is generated by plot.py at 2017-09-08 07:51:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 407.16 Mbit/s
95th percentile per-packet one-way delay: 3.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 259.84 Mbit/s
95th percentile per-packet one-way delay: 3.205 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.83 Mbit/s
95th percentile per-packet one-way delay: 3.510 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 112.82 Mbit/s
95th percentile per-packet one-way delay: 2.162 ms
Loss rate: 0.00%

Run 3: Report of PCC — Data Link

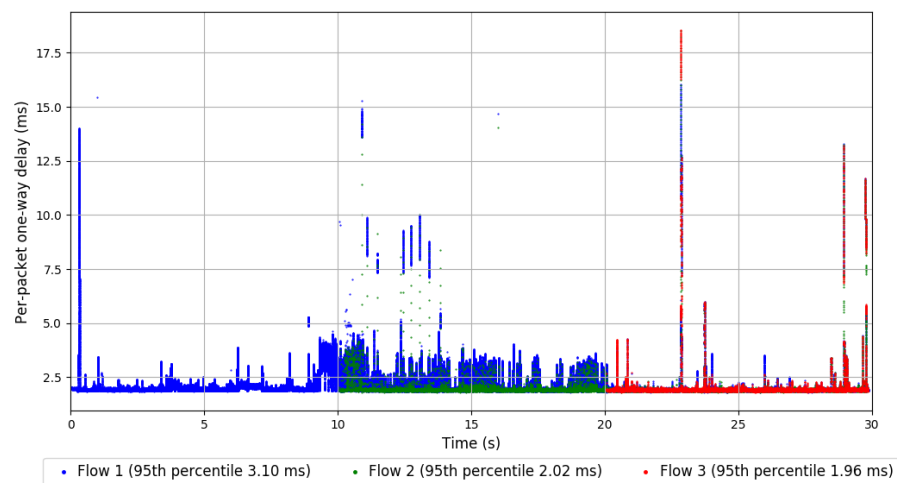
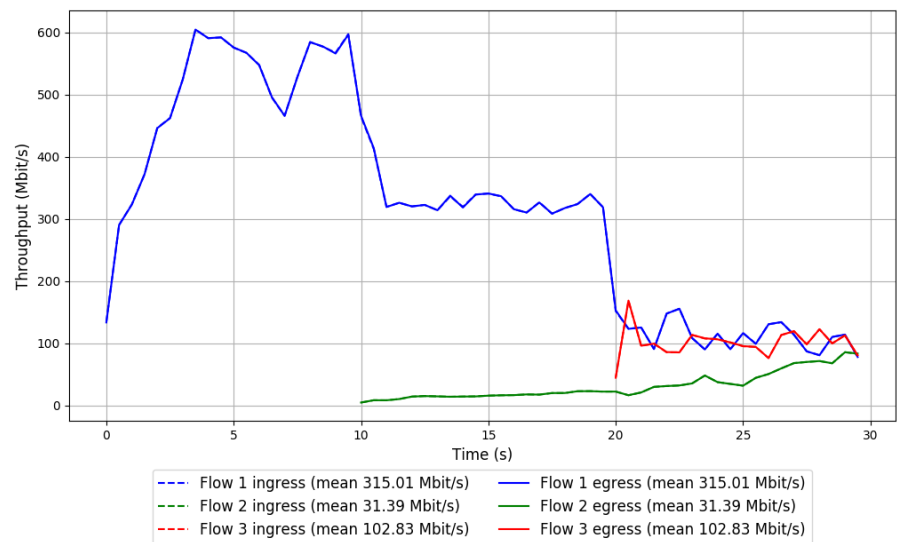


Run 4: Statistics of PCC

Start at: 2017-09-08 02:28:50
End at: 2017-09-08 02:29:20
Local clock offset: -2.736 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2017-09-08 07:51:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.61 Mbit/s
95th percentile per-packet one-way delay: 3.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 315.01 Mbit/s
95th percentile per-packet one-way delay: 3.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 2.019 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 102.83 Mbit/s
95th percentile per-packet one-way delay: 1.956 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

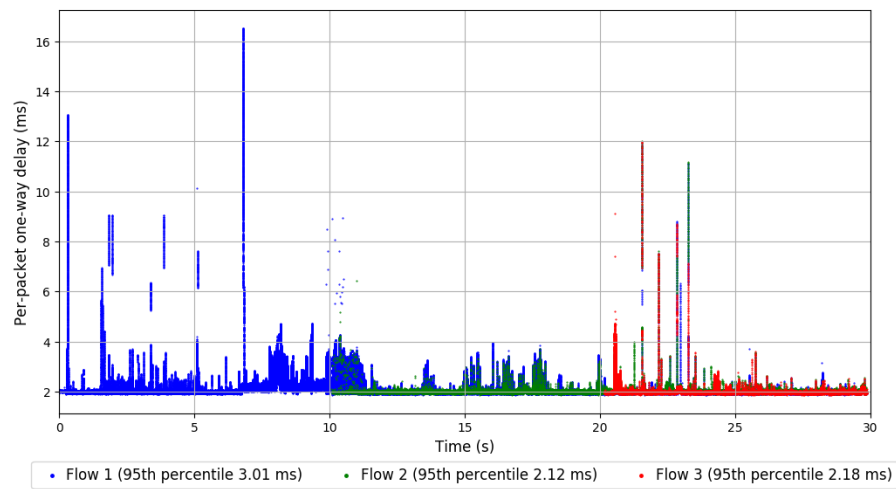
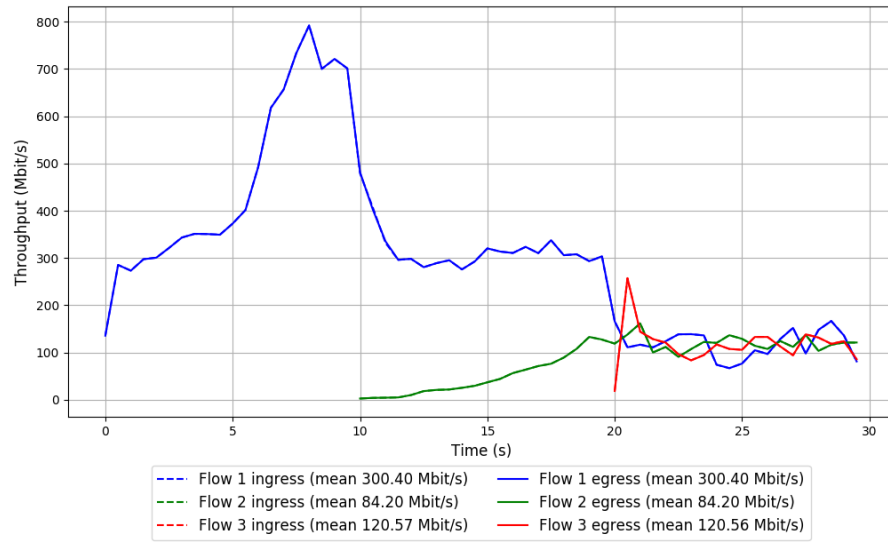


Run 5: Statistics of PCC

Start at: 2017-09-08 02:48:58
End at: 2017-09-08 02:49:28
Local clock offset: -2.629 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2017-09-08 07:52:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 395.43 Mbit/s
95th percentile per-packet one-way delay: 2.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 300.40 Mbit/s
95th percentile per-packet one-way delay: 3.011 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 2.122 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.56 Mbit/s
95th percentile per-packet one-way delay: 2.183 ms
Loss rate: 0.01%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-09-08 03:08:59

End at: 2017-09-08 03:09:29

Local clock offset: -2.682 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2017-09-08 07:52:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 436.28 Mbit/s

95th percentile per-packet one-way delay: 2.814 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 288.58 Mbit/s

95th percentile per-packet one-way delay: 3.083 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 157.17 Mbit/s

95th percentile per-packet one-way delay: 2.284 ms

Loss rate: 0.00%

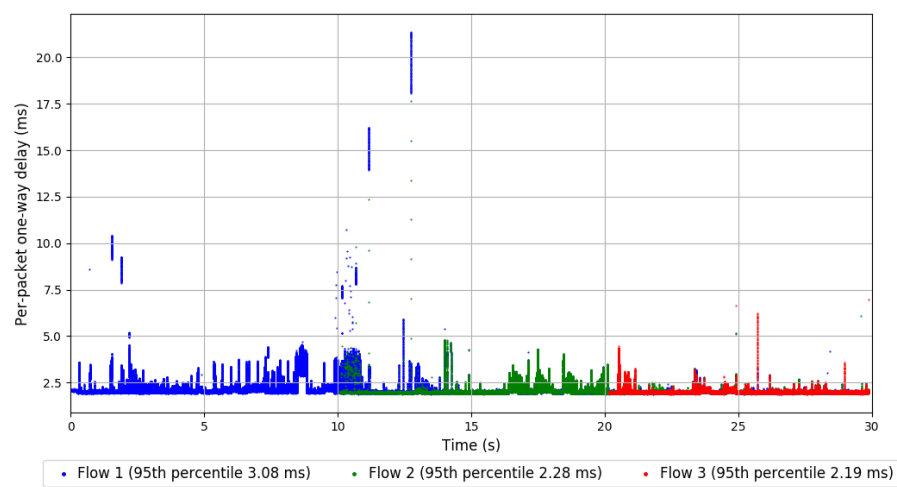
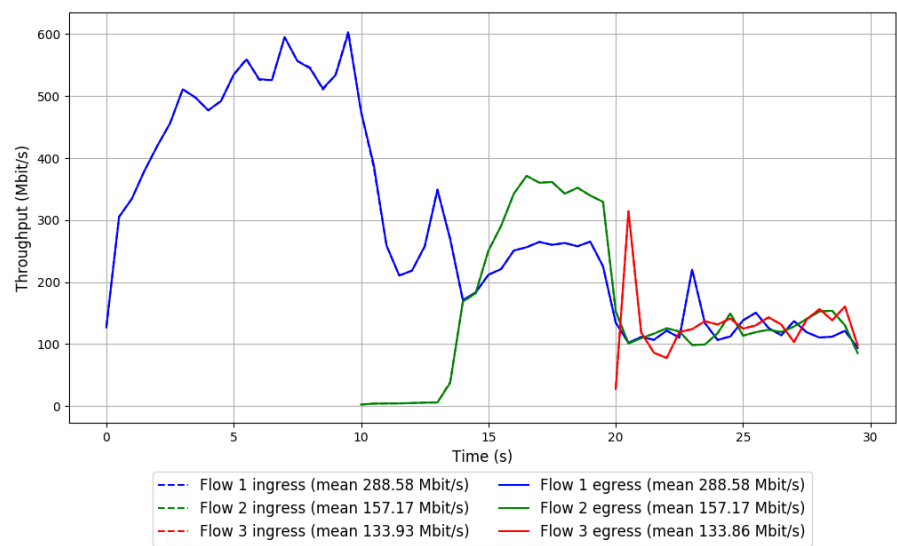
-- Flow 3:

Average throughput: 133.86 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.00%

Run 6: Report of PCC — Data Link

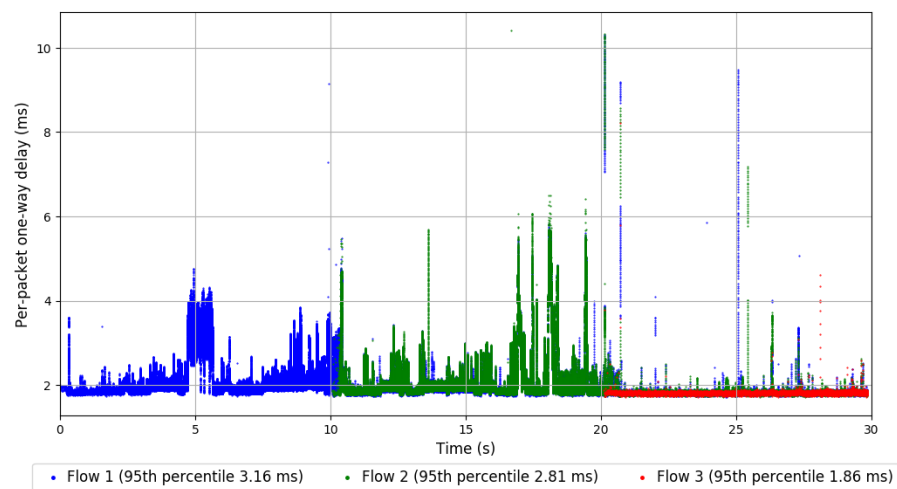
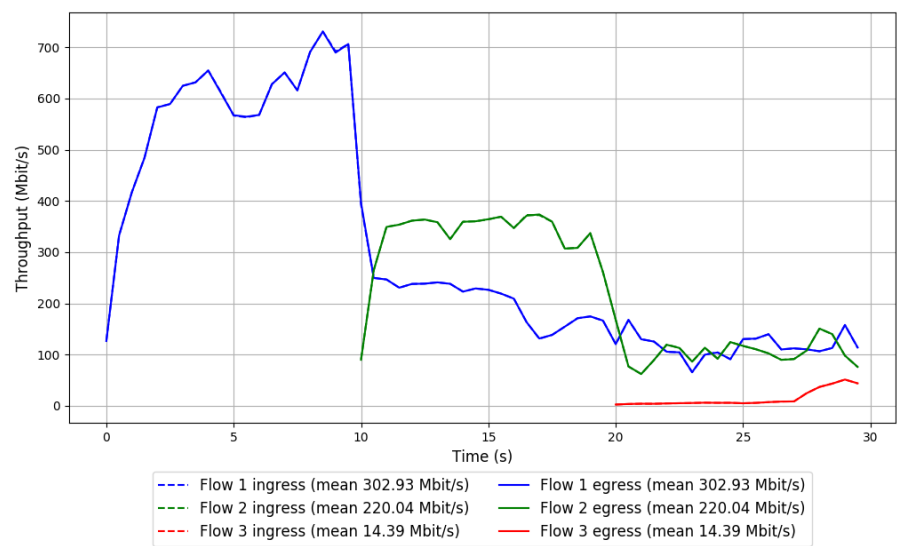


Run 7: Statistics of PCC

Start at: 2017-09-08 03:28:43
End at: 2017-09-08 03:29:13
Local clock offset: -2.732 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2017-09-08 07:53:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 453.50 Mbit/s
95th percentile per-packet one-way delay: 3.102 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 302.93 Mbit/s
95th percentile per-packet one-way delay: 3.163 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 220.04 Mbit/s
95th percentile per-packet one-way delay: 2.815 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 14.39 Mbit/s
95th percentile per-packet one-way delay: 1.862 ms
Loss rate: 0.00%

Run 7: Report of PCC — Data Link

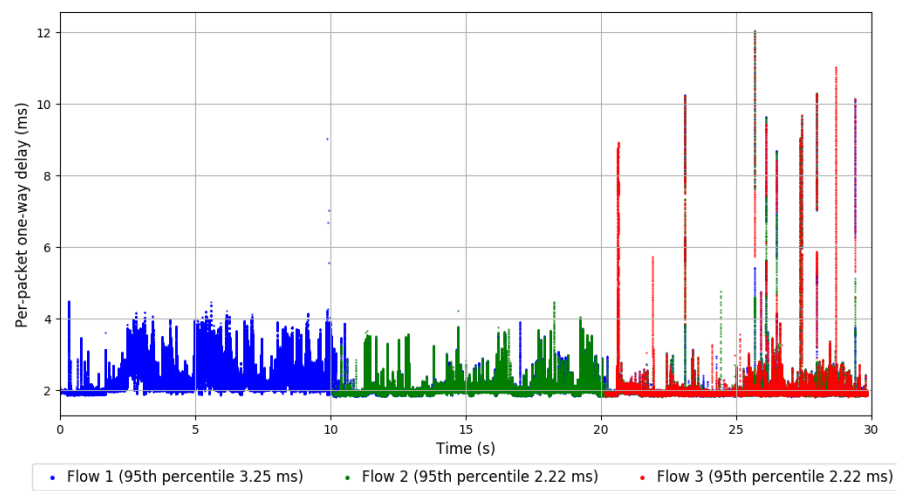
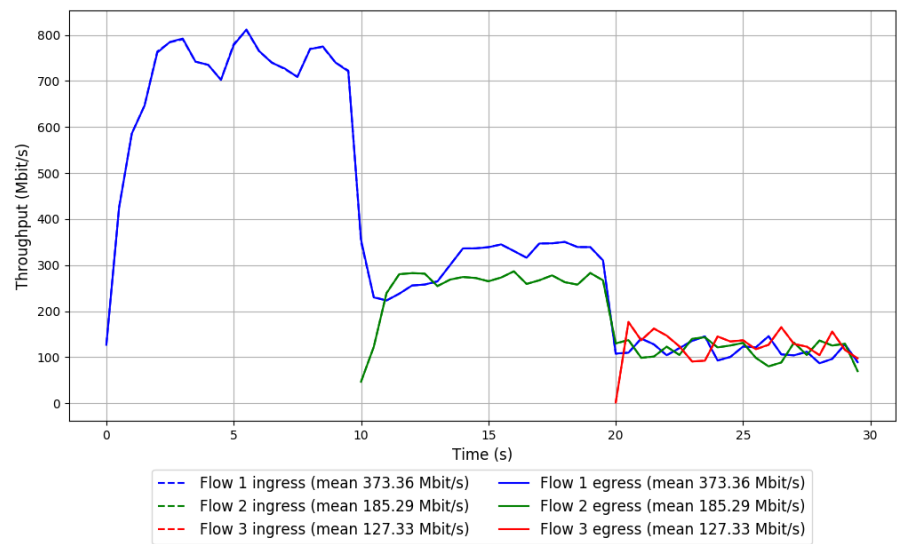


Run 8: Statistics of PCC

Start at: 2017-09-08 03:48:34
End at: 2017-09-08 03:49:04
Local clock offset: -2.926 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2017-09-08 07:54:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 537.72 Mbit/s
95th percentile per-packet one-way delay: 3.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 373.36 Mbit/s
95th percentile per-packet one-way delay: 3.254 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.29 Mbit/s
95th percentile per-packet one-way delay: 2.220 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 127.33 Mbit/s
95th percentile per-packet one-way delay: 2.221 ms
Loss rate: 0.00%

Run 8: Report of PCC — Data Link

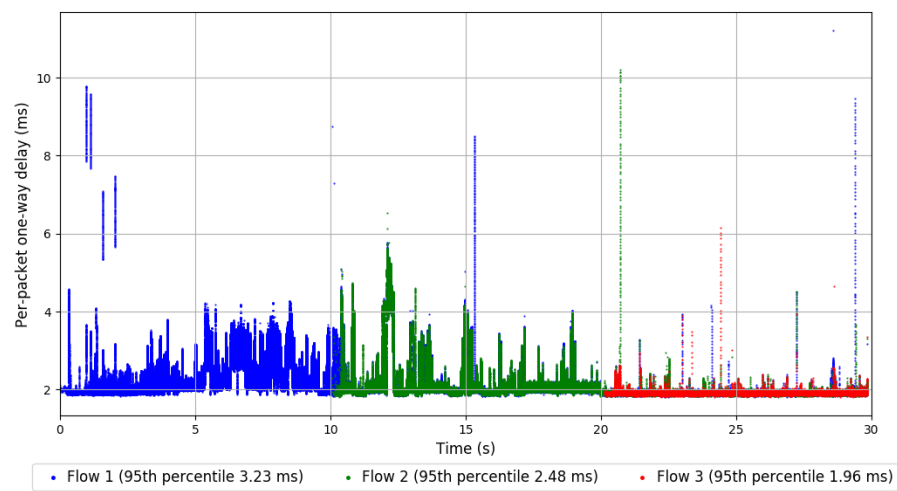
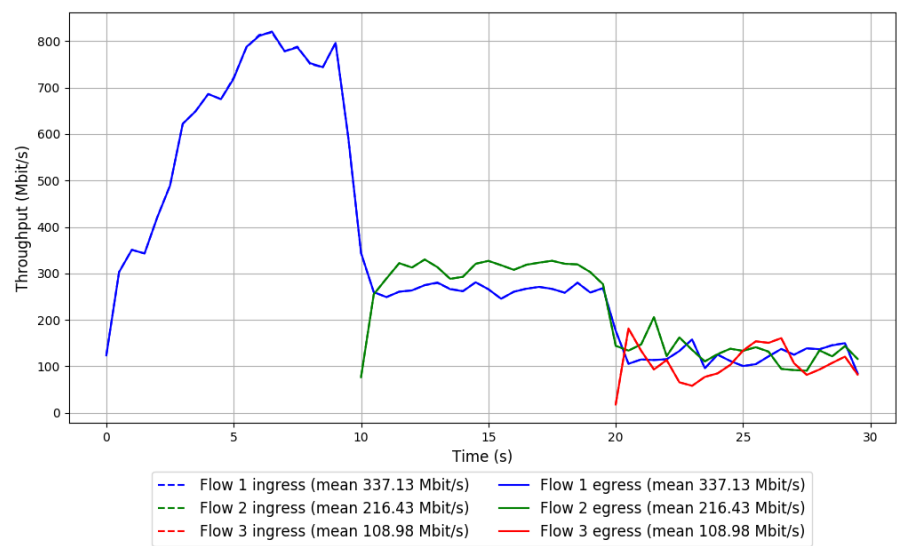


Run 9: Statistics of PCC

Start at: 2017-09-08 04:07:59
End at: 2017-09-08 04:08:29
Local clock offset: -2.927 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2017-09-08 07:54:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 516.11 Mbit/s
95th percentile per-packet one-way delay: 3.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 337.13 Mbit/s
95th percentile per-packet one-way delay: 3.233 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 216.43 Mbit/s
95th percentile per-packet one-way delay: 2.476 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.98 Mbit/s
95th percentile per-packet one-way delay: 1.958 ms
Loss rate: 0.00%

Run 9: Report of PCC — Data Link

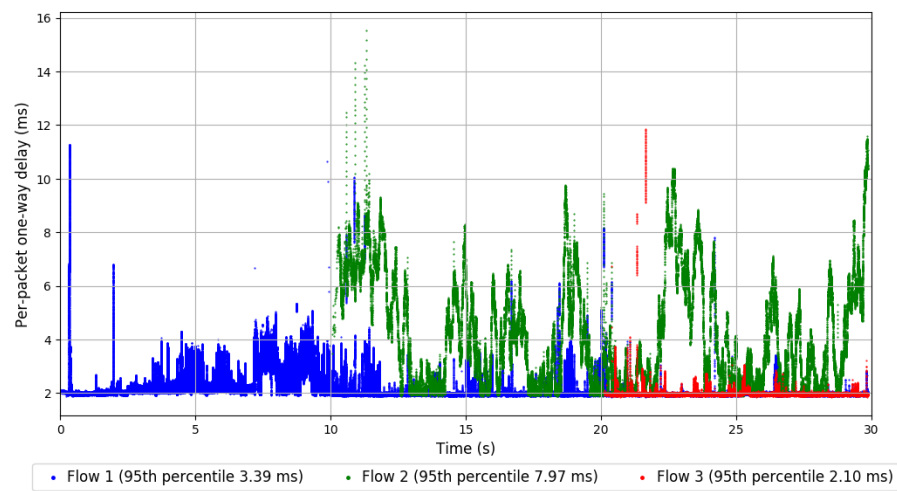
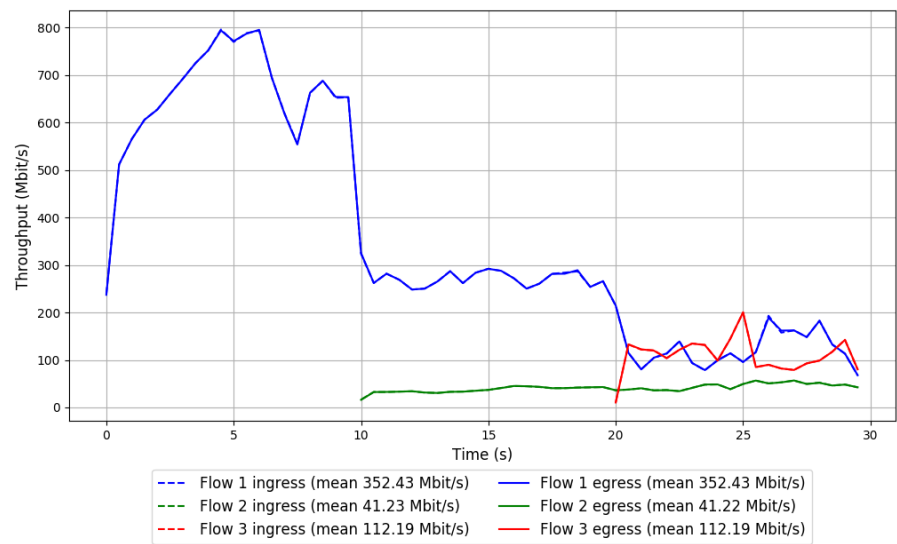


Run 10: Statistics of PCC

Start at: 2017-09-08 04:27:52
End at: 2017-09-08 04:28:22
Local clock offset: -2.977 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2017-09-08 07:55:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 416.38 Mbit/s
95th percentile per-packet one-way delay: 3.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 352.43 Mbit/s
95th percentile per-packet one-way delay: 3.387 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.22 Mbit/s
95th percentile per-packet one-way delay: 7.970 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 112.19 Mbit/s
95th percentile per-packet one-way delay: 2.102 ms
Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-08 01:13:35

End at: 2017-09-08 01:14:05

Local clock offset: -2.784 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2017-09-08 07:55:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 60.94 Mbit/s

95th percentile per-packet one-way delay: 1.733 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 1.730 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 63.40 Mbit/s

95th percentile per-packet one-way delay: 1.721 ms

Loss rate: 0.00%

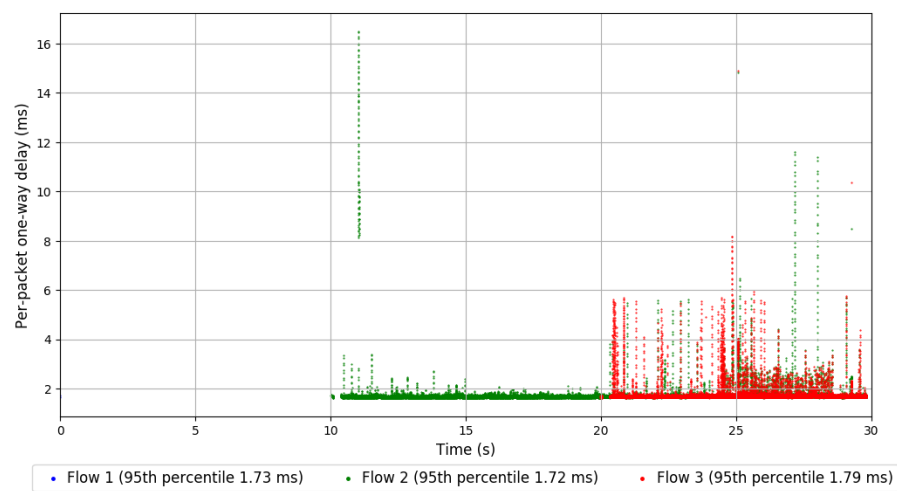
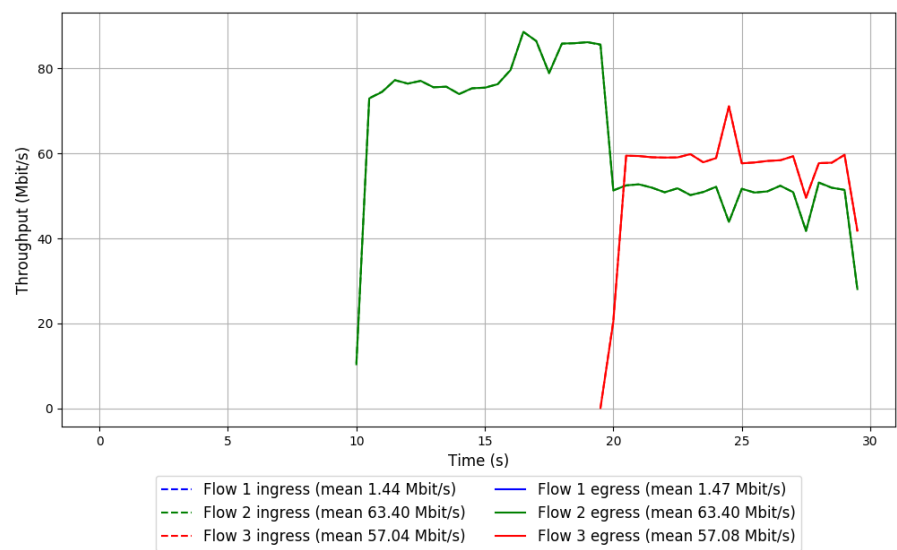
-- Flow 3:

Average throughput: 57.08 Mbit/s

95th percentile per-packet one-way delay: 1.788 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

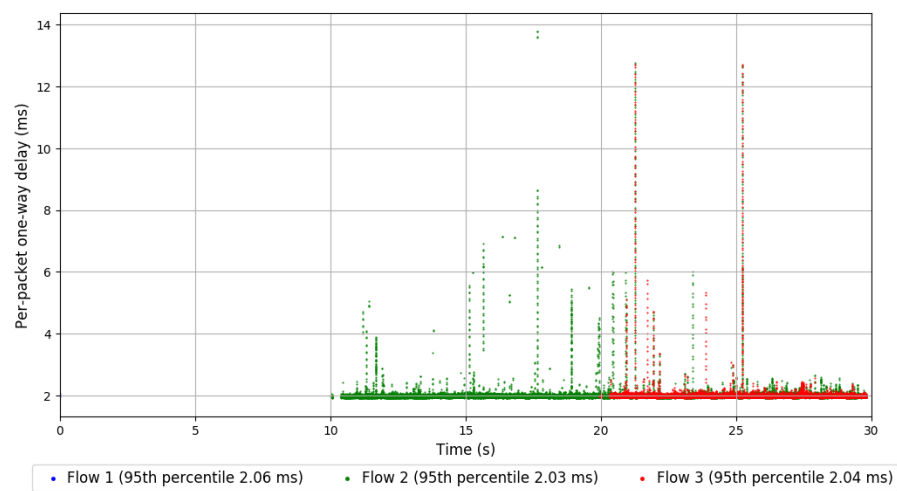
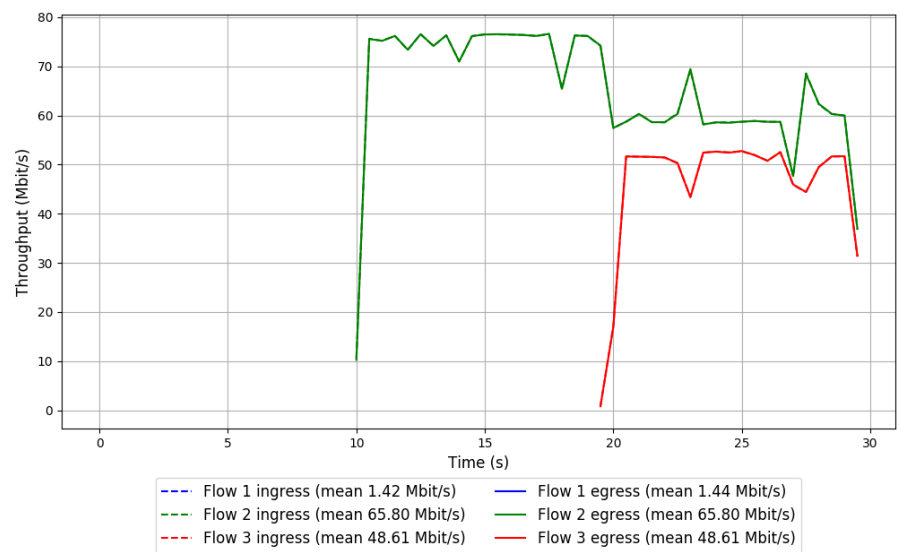


Run 2: Statistics of QUIC Cubic

Start at: 2017-09-08 01:32:54
End at: 2017-09-08 01:33:24
Local clock offset: -2.982 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2017-09-08 07:55:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.77 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 2.058 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 65.80 Mbit/s
95th percentile per-packet one-way delay: 2.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 2.040 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

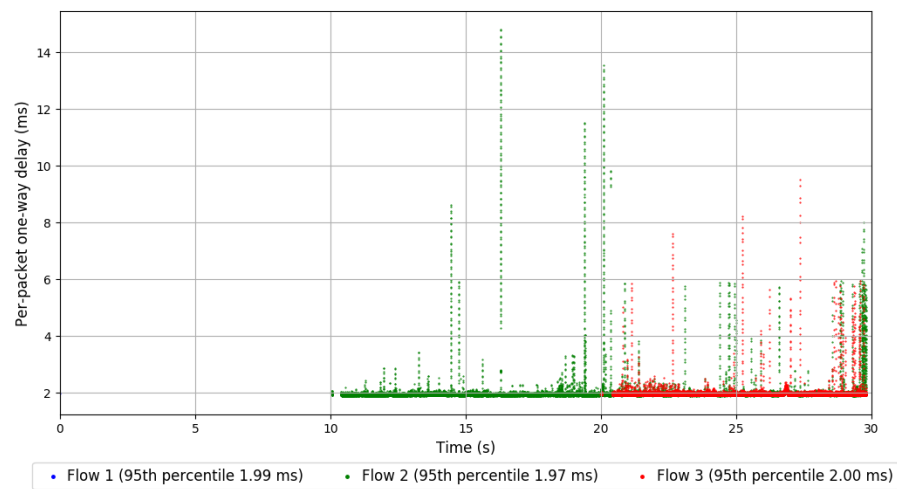
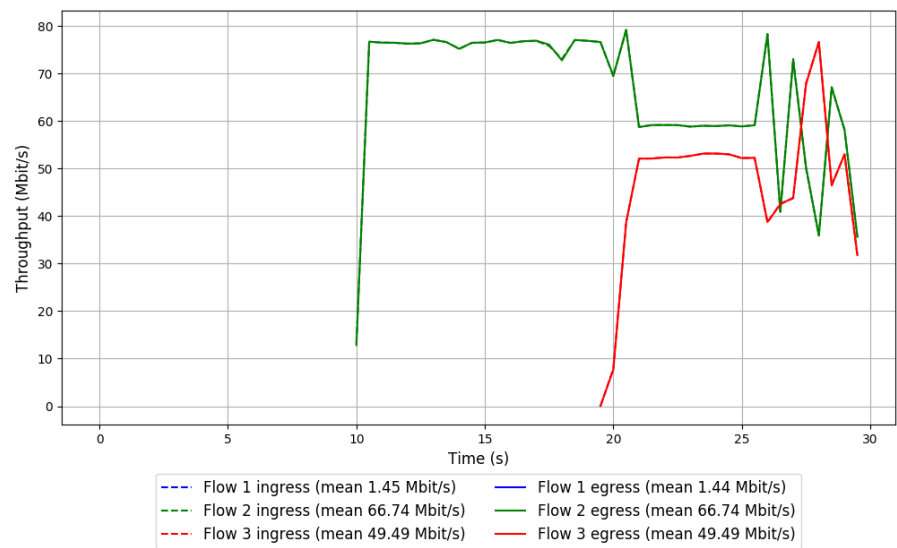


Run 3: Statistics of QUIC Cubic

Start at: 2017-09-08 01:52:54
End at: 2017-09-08 01:53:24
Local clock offset: -2.913 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2017-09-08 07:55:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.63 Mbit/s
95th percentile per-packet one-way delay: 1.984 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 1.987 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 66.74 Mbit/s
95th percentile per-packet one-way delay: 1.969 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.49 Mbit/s
95th percentile per-packet one-way delay: 2.003 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

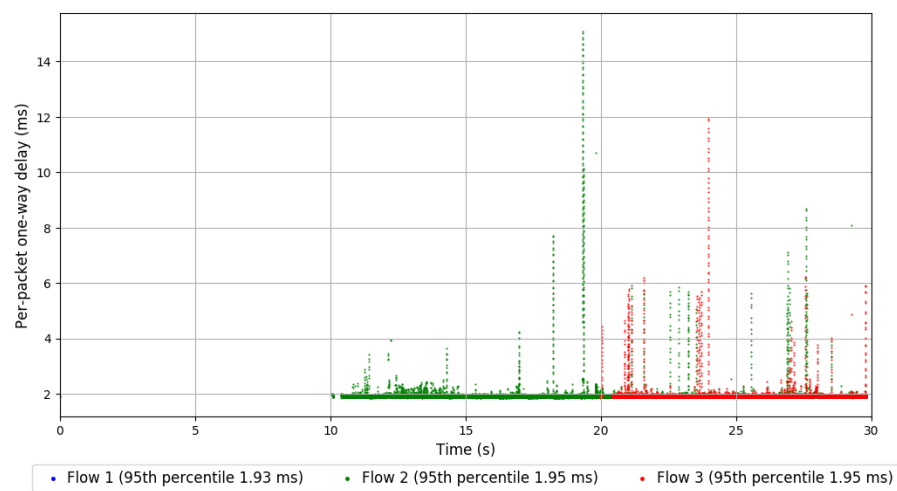
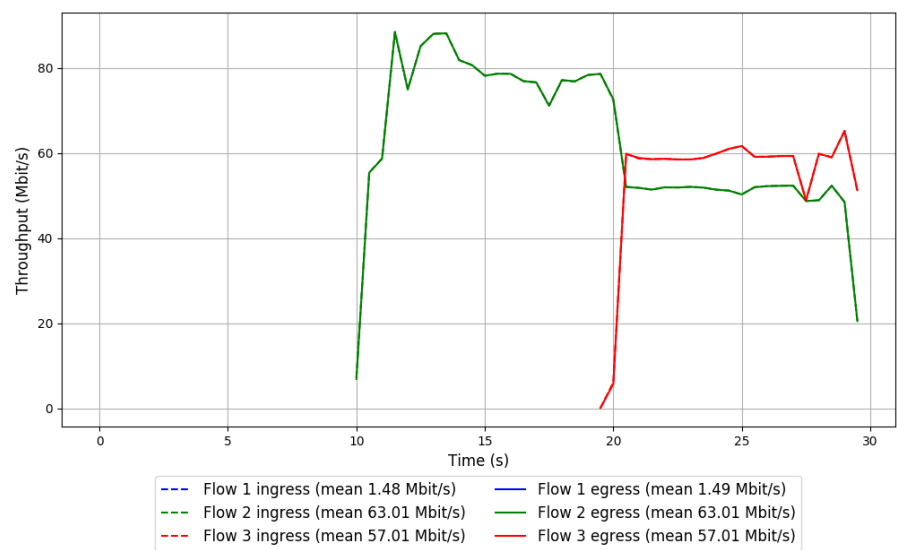


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-08 02:12:57
End at: 2017-09-08 02:13:27
Local clock offset: -2.709 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2017-09-08 07:55:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.65 Mbit/s
95th percentile per-packet one-way delay: 1.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 1.930 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 1.945 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 1.946 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

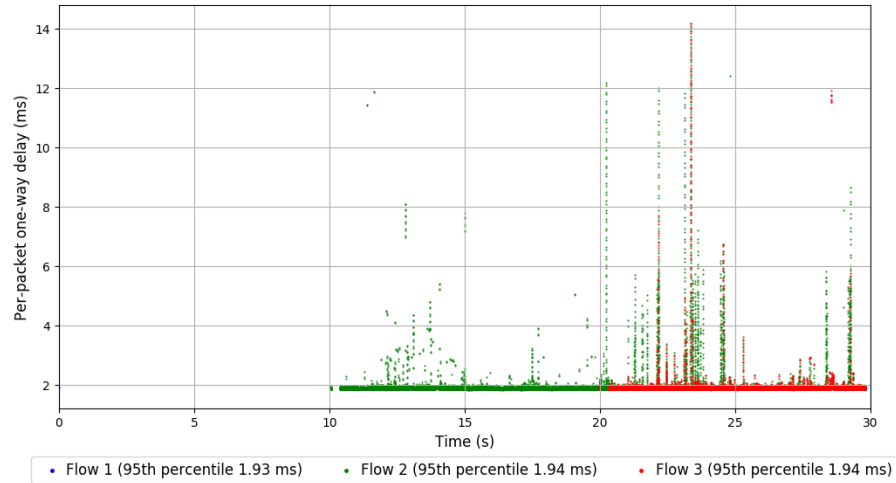
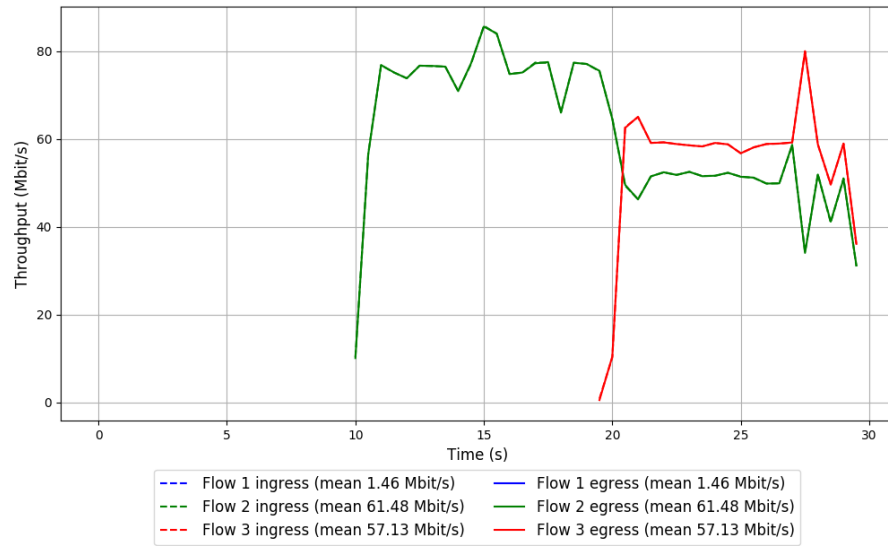


Run 5: Statistics of QUIC Cubic

Start at: 2017-09-08 02:33:06
End at: 2017-09-08 02:33:36
Local clock offset: -2.639 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2017-09-08 07:55:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 1.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.48 Mbit/s
95th percentile per-packet one-way delay: 1.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 1.935 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-08 02:53:14

End at: 2017-09-08 02:53:44

Local clock offset: -2.537 ms

Remote clock offset: 0.001 ms

Below is generated by plot.py at 2017-09-08 07:55:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 62.47 Mbit/s

95th percentile per-packet one-way delay: 1.920 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.49 Mbit/s

95th percentile per-packet one-way delay: 1.923 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 66.65 Mbit/s

95th percentile per-packet one-way delay: 1.916 ms

Loss rate: 0.00%

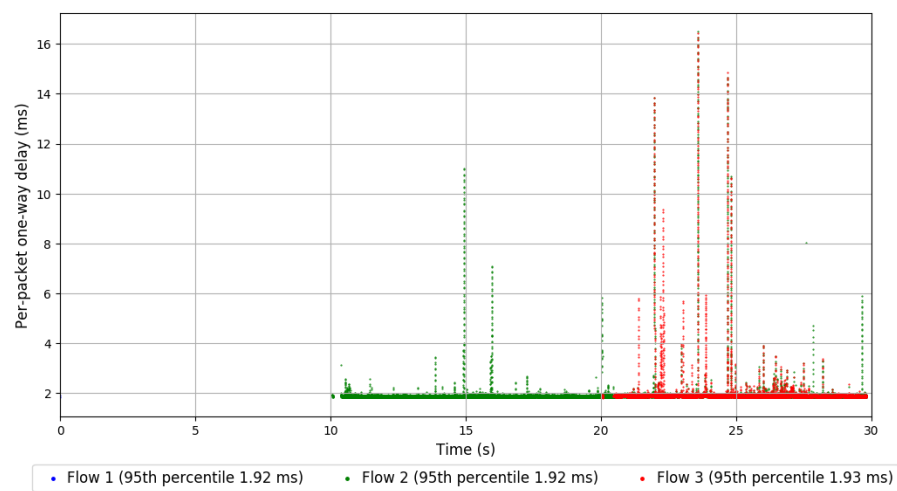
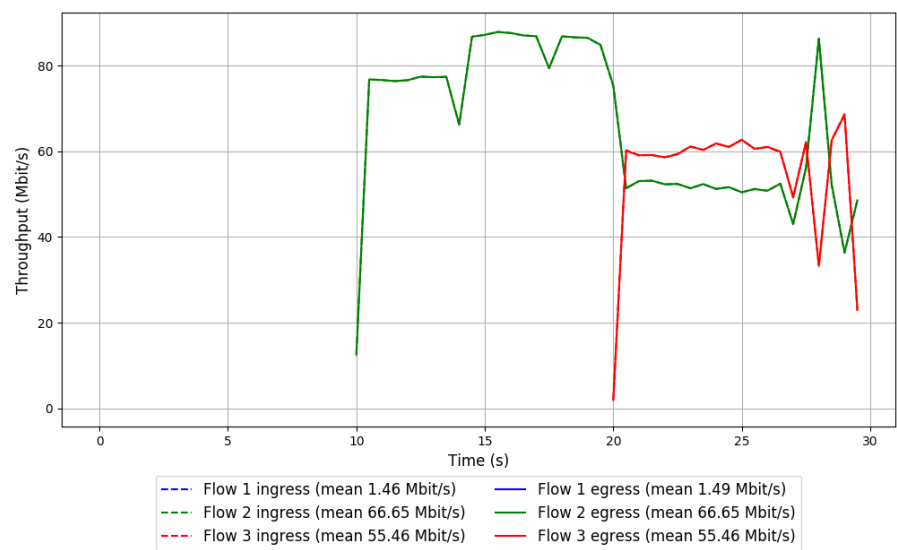
-- Flow 3:

Average throughput: 55.46 Mbit/s

95th percentile per-packet one-way delay: 1.927 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-08 03:12:58

End at: 2017-09-08 03:13:28

Local clock offset: -2.667 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2017-09-08 07:55:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 63.10 Mbit/s

95th percentile per-packet one-way delay: 1.951 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.46 Mbit/s

95th percentile per-packet one-way delay: 1.970 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 66.49 Mbit/s

95th percentile per-packet one-way delay: 1.949 ms

Loss rate: 0.00%

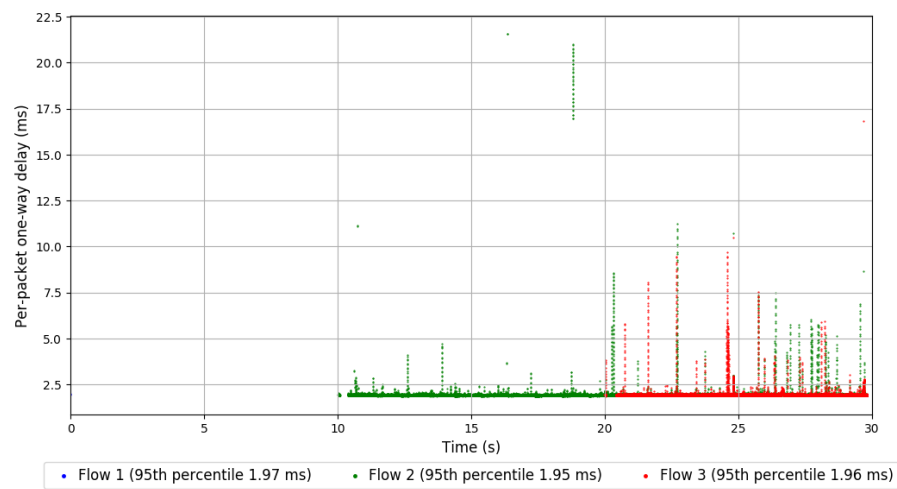
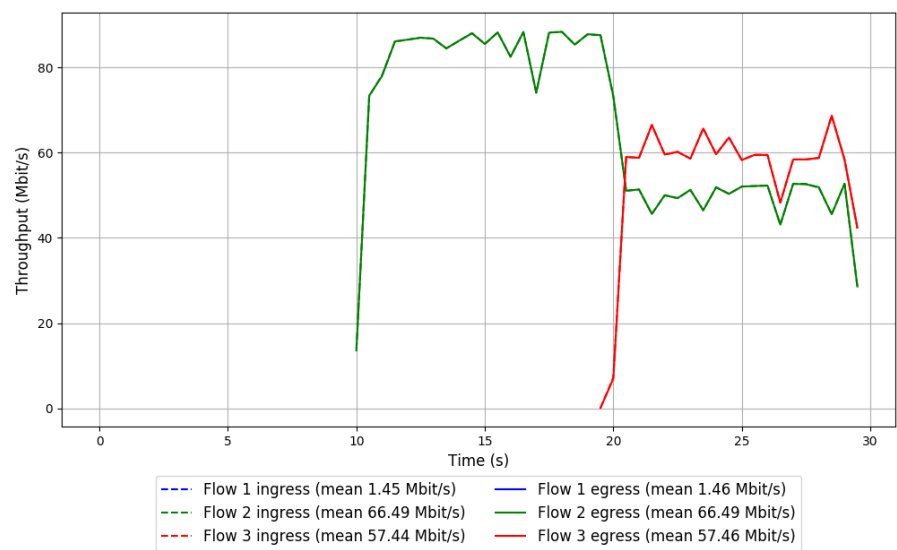
-- Flow 3:

Average throughput: 57.46 Mbit/s

95th percentile per-packet one-way delay: 1.955 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

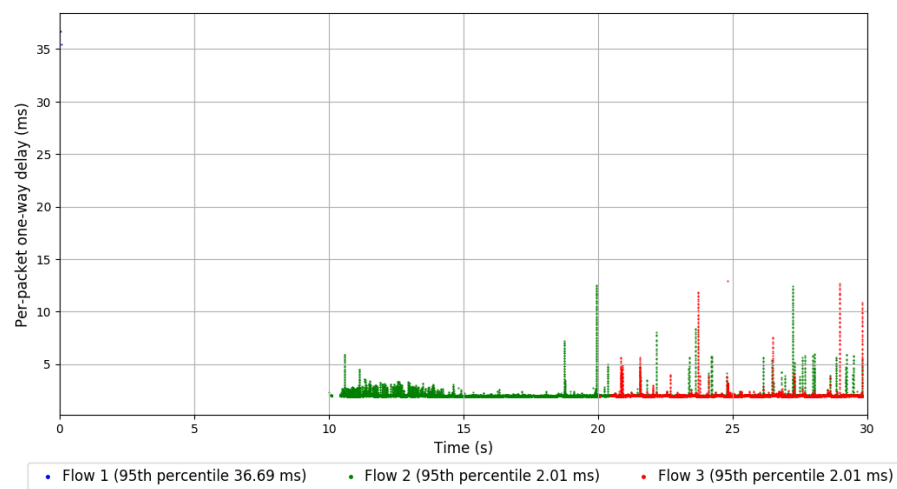
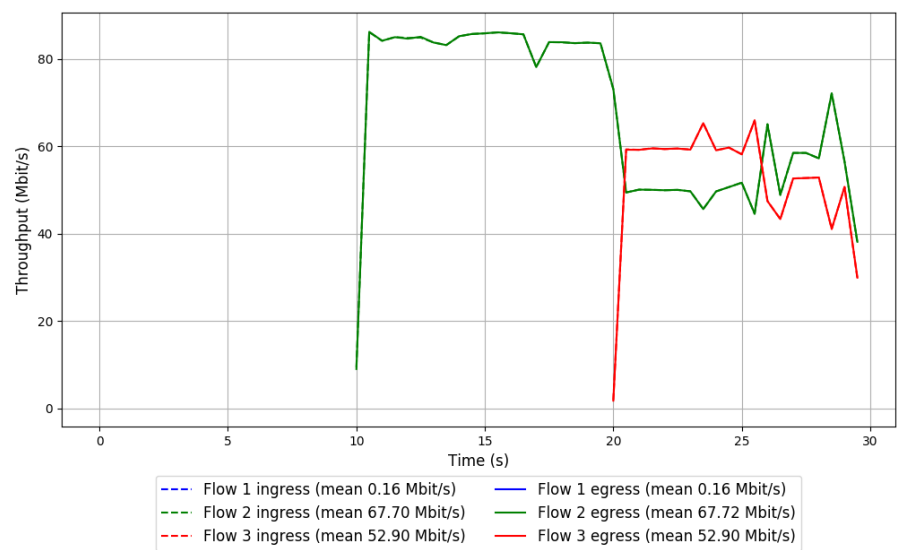


Run 8: Statistics of QUIC Cubic

Start at: 2017-09-08 03:32:49
End at: 2017-09-08 03:33:19
Local clock offset: -2.85 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2017-09-08 07:55:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.42 Mbit/s
95th percentile per-packet one-way delay: 2.009 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 36.685 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.72 Mbit/s
95th percentile per-packet one-way delay: 2.009 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.90 Mbit/s
95th percentile per-packet one-way delay: 2.010 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

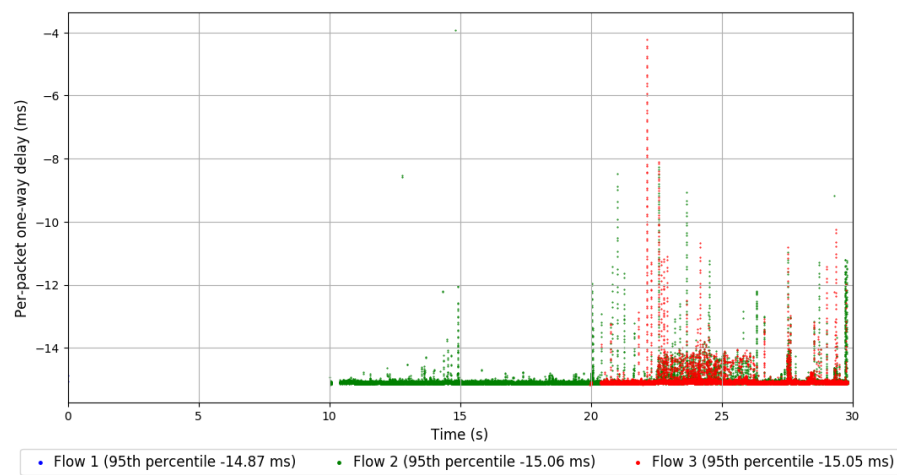
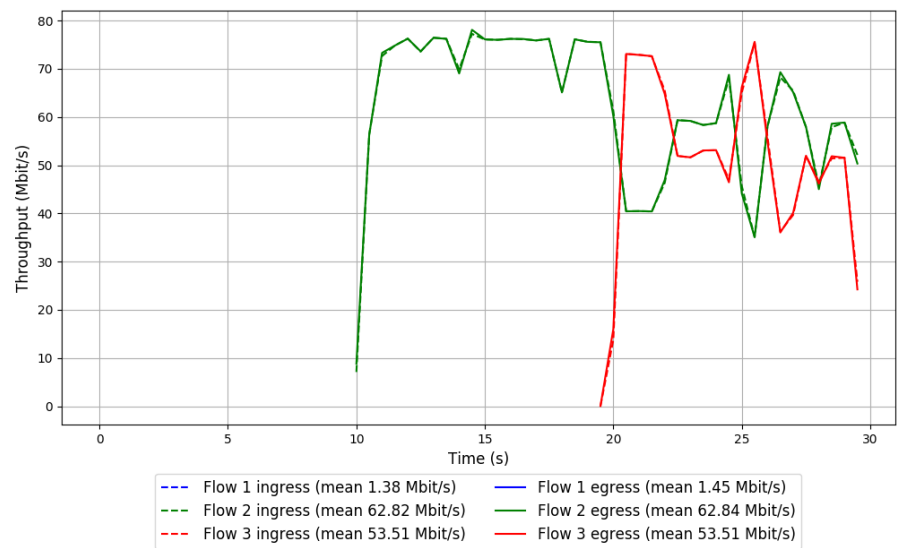


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-08 03:52:37
End at: 2017-09-08 03:53:07
Local clock offset: -2.91 ms
Remote clock offset: -17.027 ms

Below is generated by plot.py at 2017-09-08 07:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.38 Mbit/s
95th percentile per-packet one-way delay: -15.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: -14.873 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 62.84 Mbit/s
95th percentile per-packet one-way delay: -15.064 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: -15.051 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-08 04:12:19

End at: 2017-09-08 04:12:49

Local clock offset: -2.96 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2017-09-08 07:55:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 62.19 Mbit/s

95th percentile per-packet one-way delay: 1.929 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 33.314 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 65.42 Mbit/s

95th percentile per-packet one-way delay: 1.927 ms

Loss rate: 0.00%

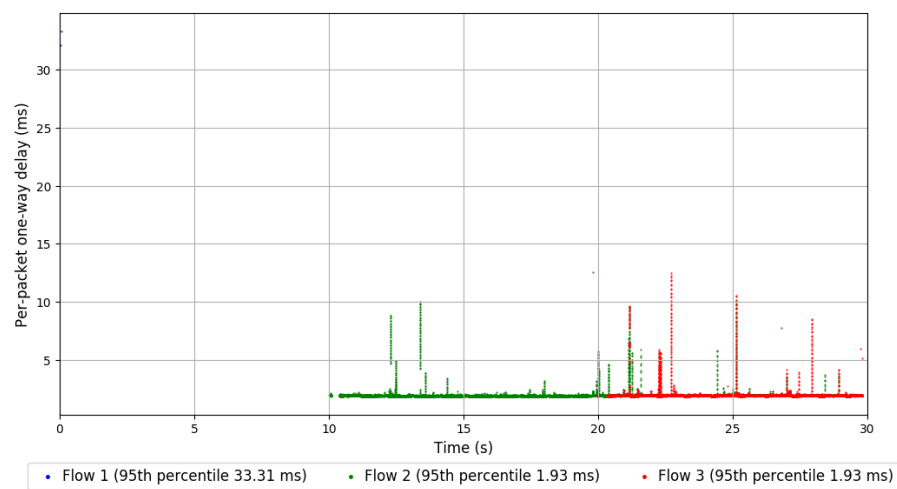
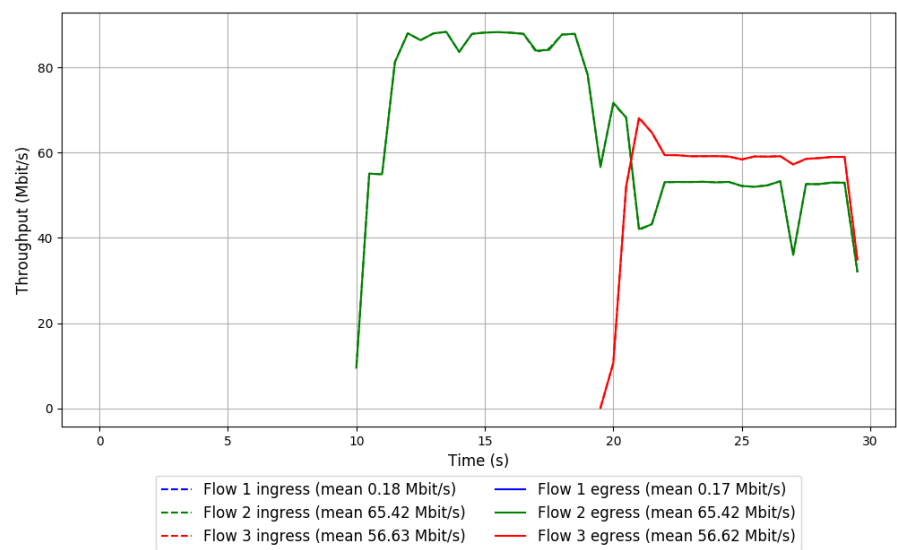
-- Flow 3:

Average throughput: 56.62 Mbit/s

95th percentile per-packet one-way delay: 1.934 ms

Loss rate: 0.02%

Run 10: Report of QUIC Cubic — Data Link

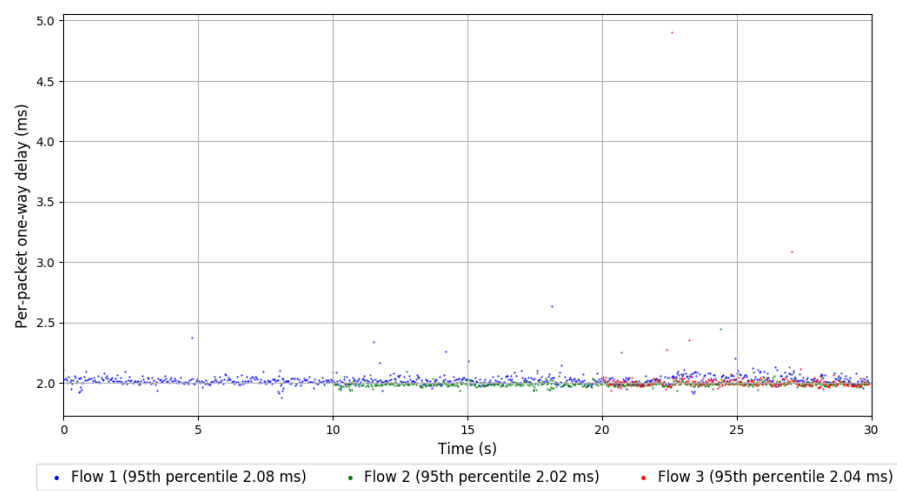
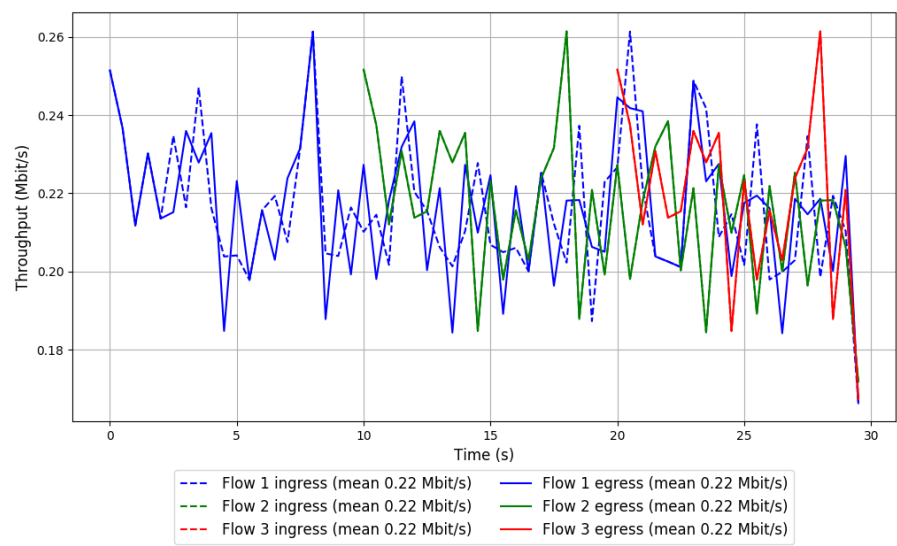


Run 1: Statistics of SReAM

Start at: 2017-09-08 01:26:11
End at: 2017-09-08 01:26:41
Local clock offset: -2.9 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.068 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.080 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.023 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.042 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

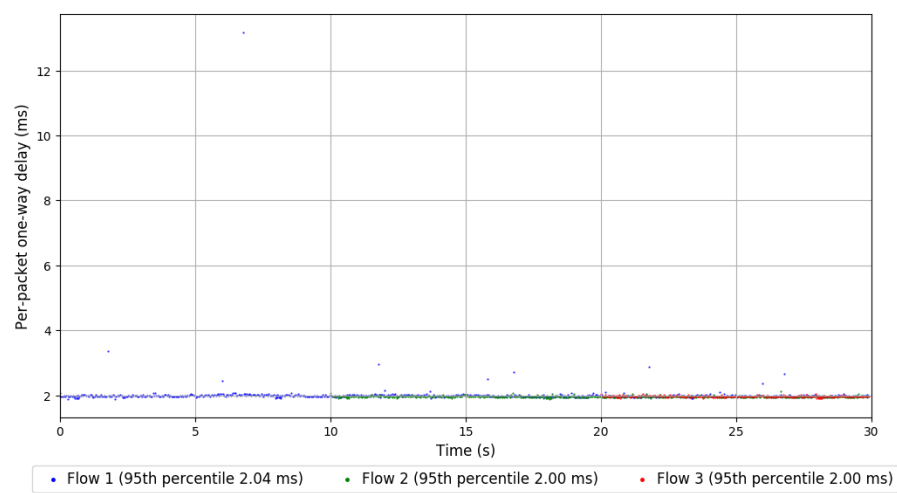
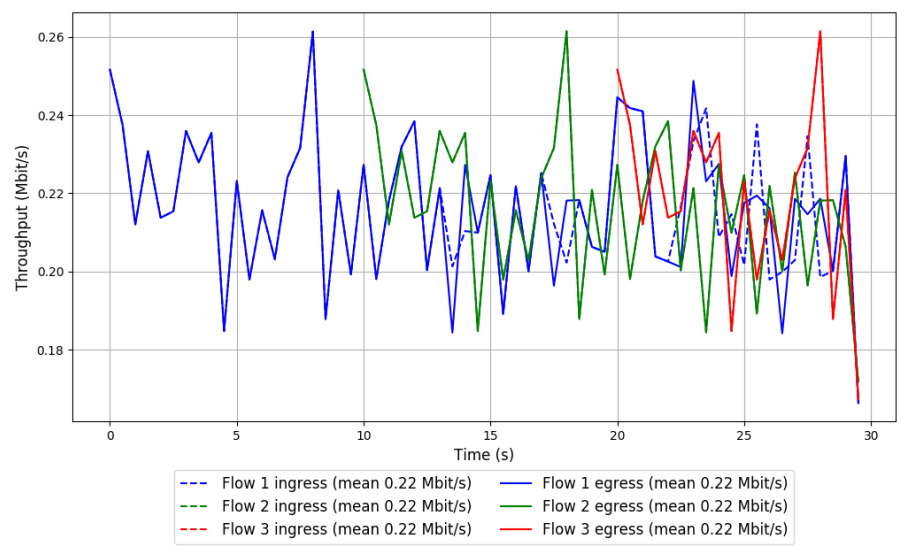


Run 2: Statistics of SReAM

Start at: 2017-09-08 01:45:55
End at: 2017-09-08 01:46:25
Local clock offset: -2.865 ms
Remote clock offset: -0.168 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.037 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.999 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.005 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

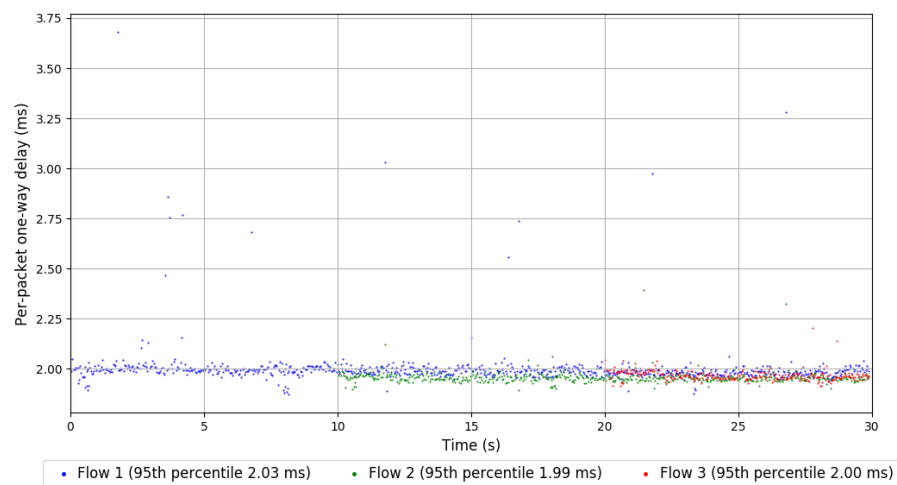
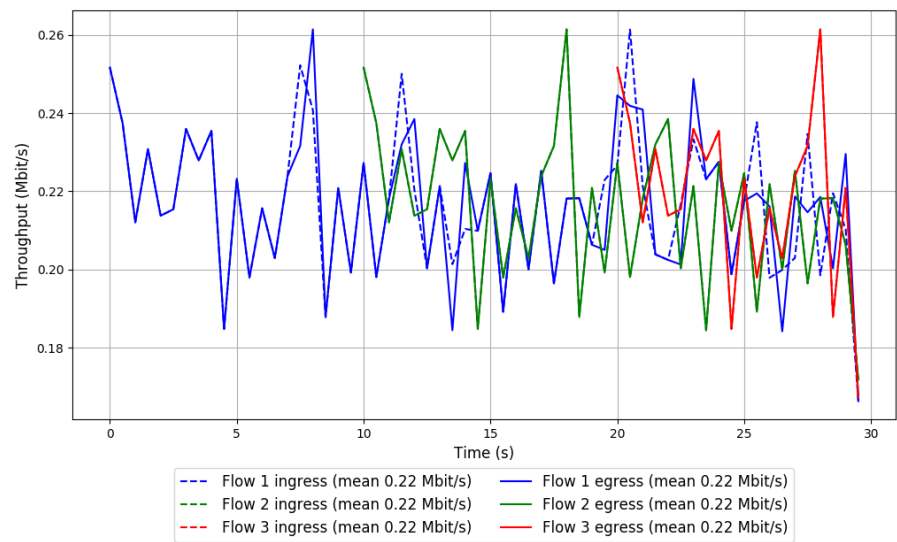


Run 3: Statistics of SReAM

Start at: 2017-09-08 02:05:59
End at: 2017-09-08 02:06:29
Local clock offset: -2.706 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.022 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.031 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.985 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.001 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

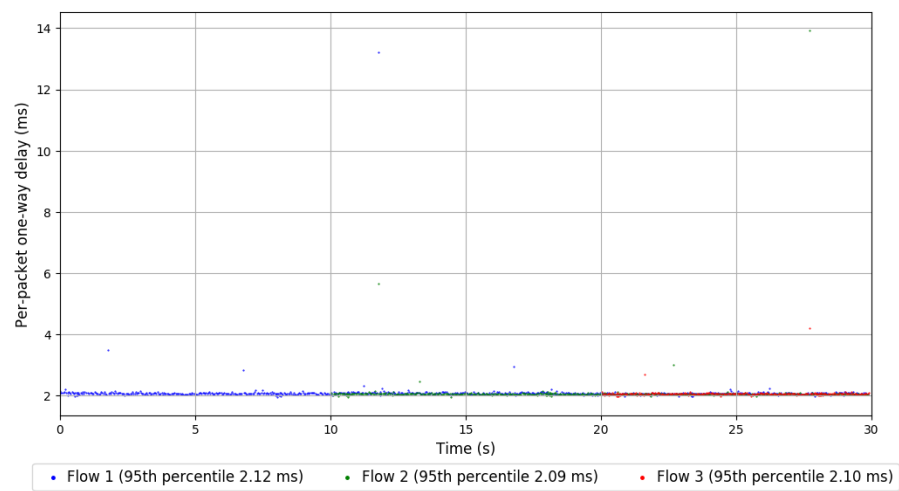
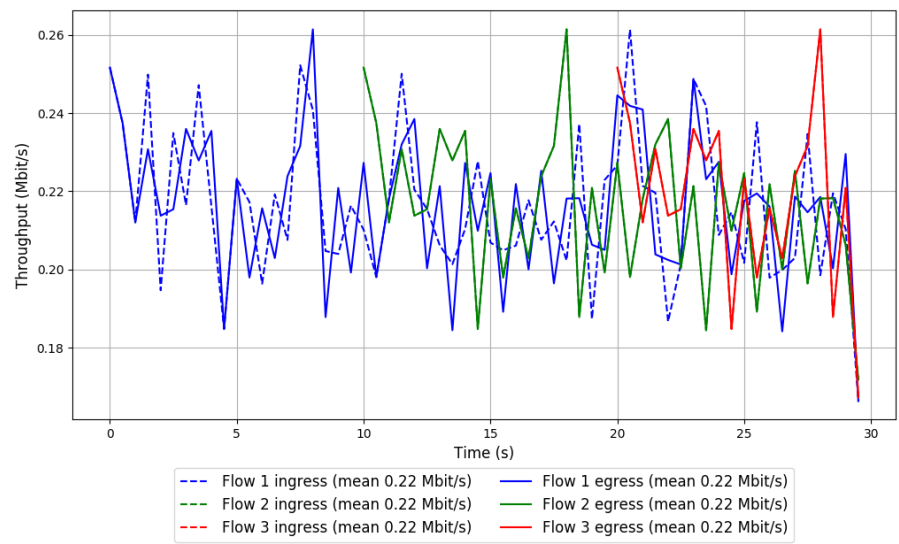


Run 4: Statistics of SReAM

Start at: 2017-09-08 02:26:08
End at: 2017-09-08 02:26:38
Local clock offset: -2.755 ms
Remote clock offset: -0.054 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.125 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.093 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.102 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

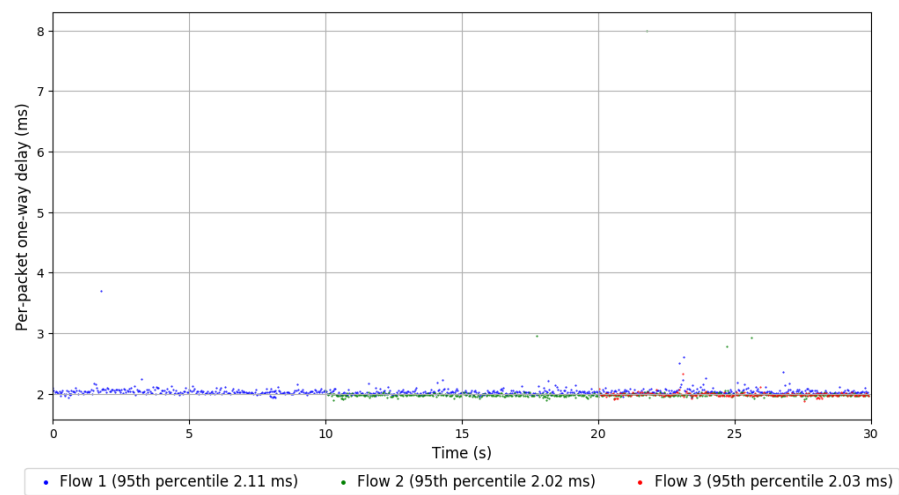
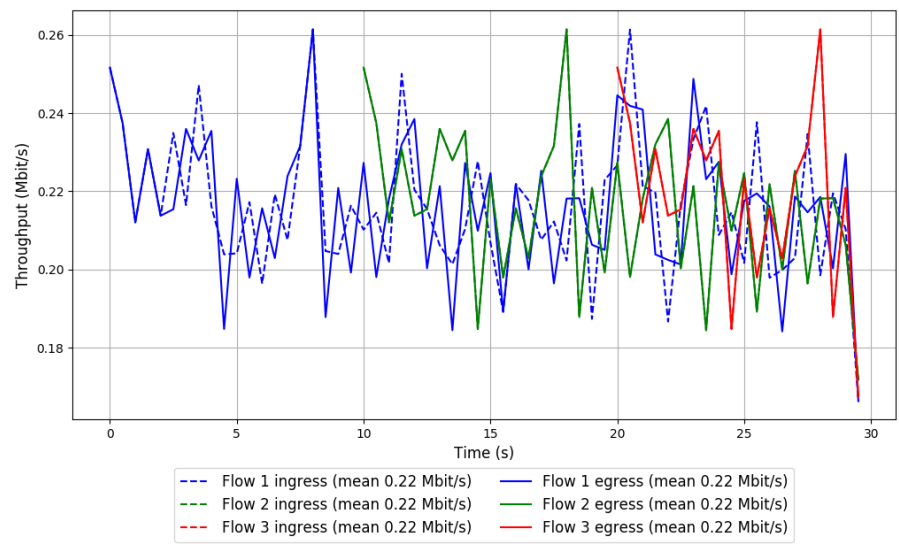


Run 5: Statistics of SReAM

Start at: 2017-09-08 02:46:16
End at: 2017-09-08 02:46:46
Local clock offset: -2.585 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.084 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.109 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.019 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.026 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

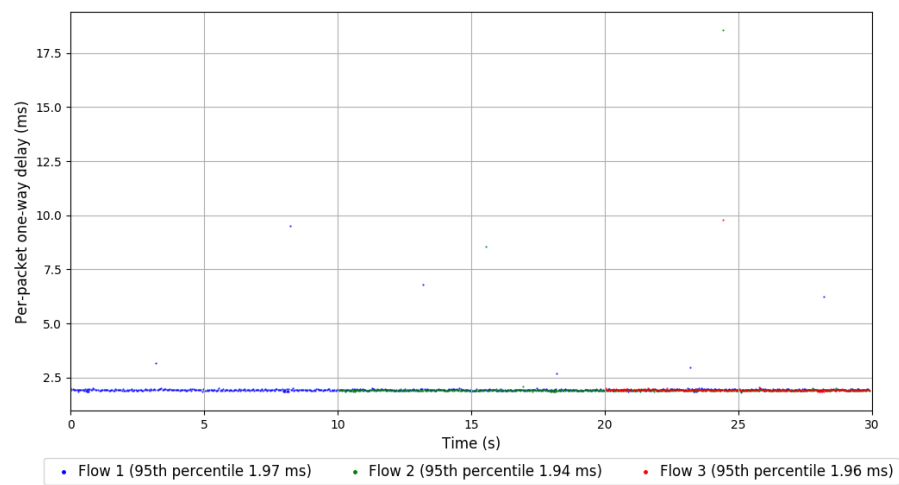
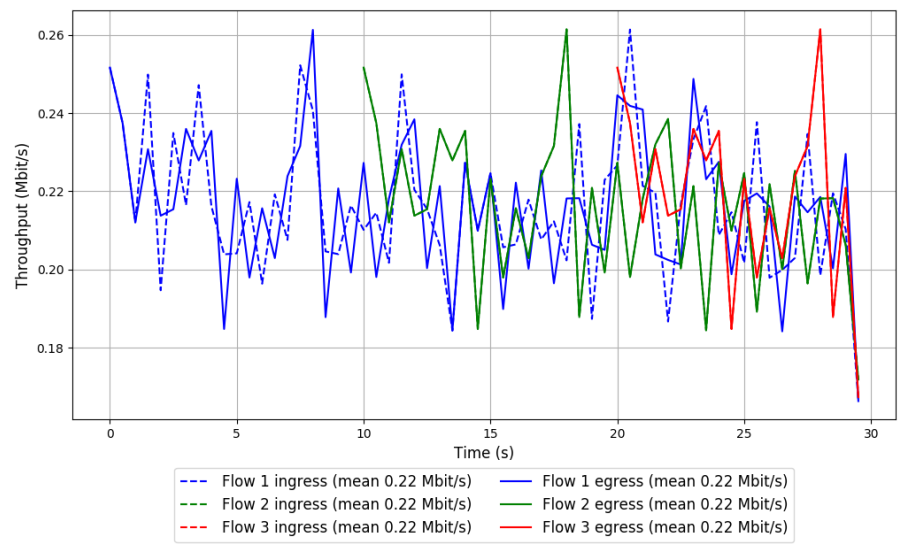


Run 6: Statistics of SReAM

Start at: 2017-09-08 03:06:20
End at: 2017-09-08 03:06:50
Local clock offset: -2.594 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.968 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.935 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.955 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

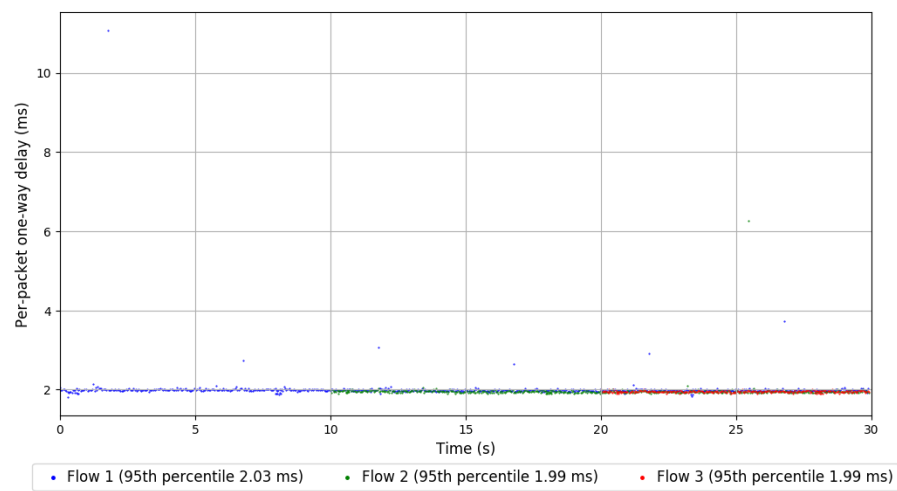
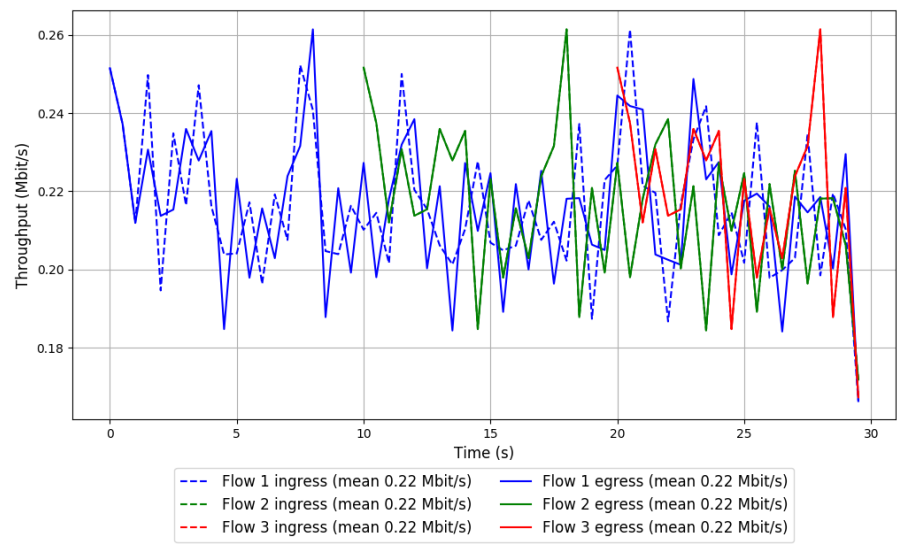


Run 7: Statistics of SReAM

Start at: 2017-09-08 03:26:04
End at: 2017-09-08 03:26:34
Local clock offset: -2.679 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.027 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.992 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.991 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

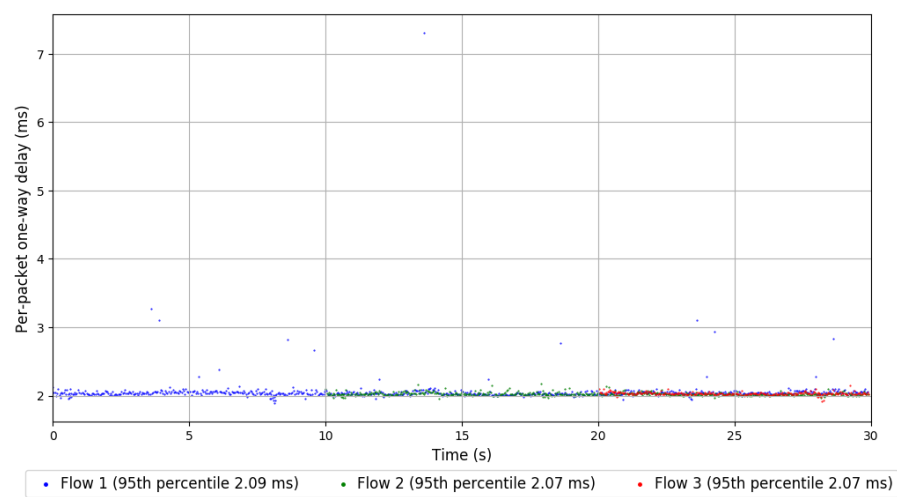
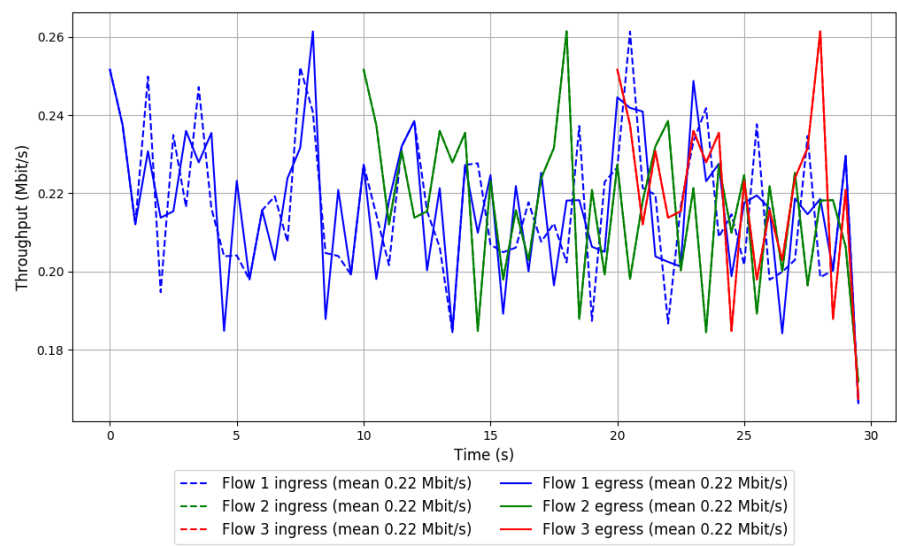


Run 8: Statistics of SReAM

Start at: 2017-09-08 03:45:56
End at: 2017-09-08 03:46:26
Local clock offset: -2.986 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.092 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.074 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.068 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

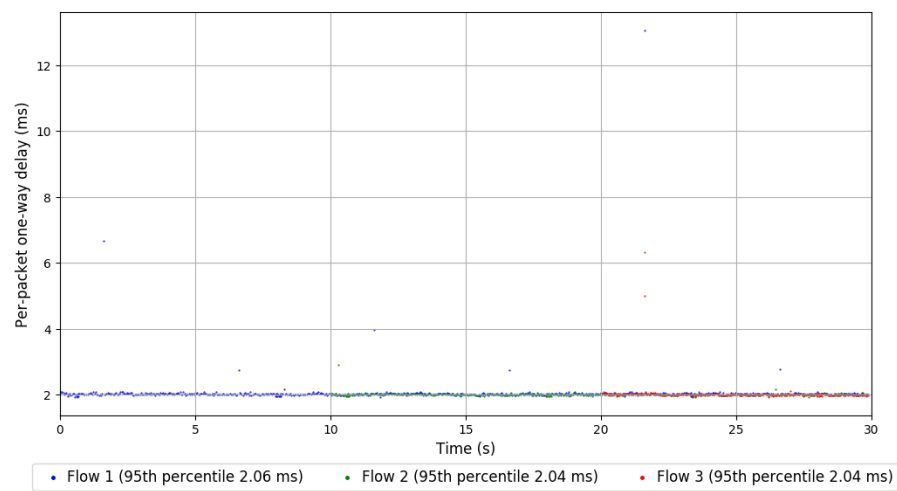
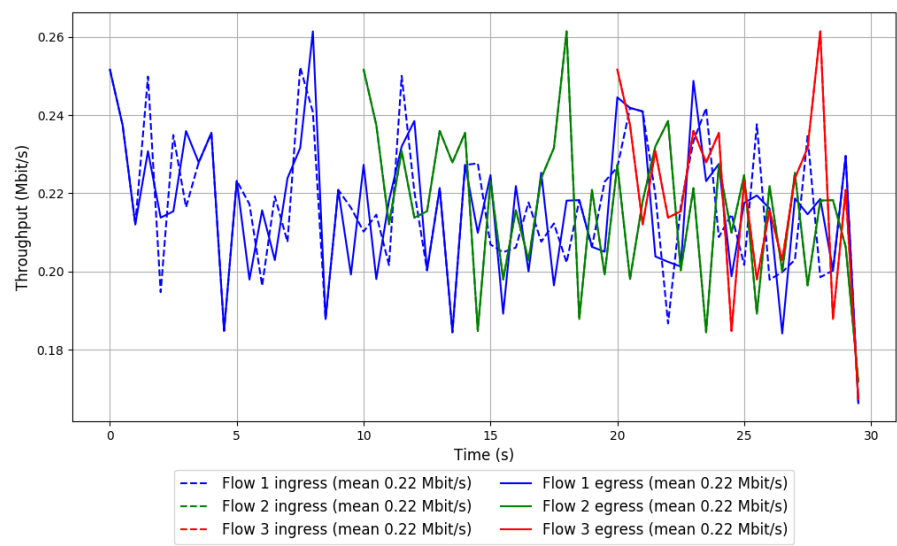


Run 9: Statistics of SReAM

Start at: 2017-09-08 04:05:15
End at: 2017-09-08 04:05:45
Local clock offset: -2.93 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.065 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.036 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.042 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

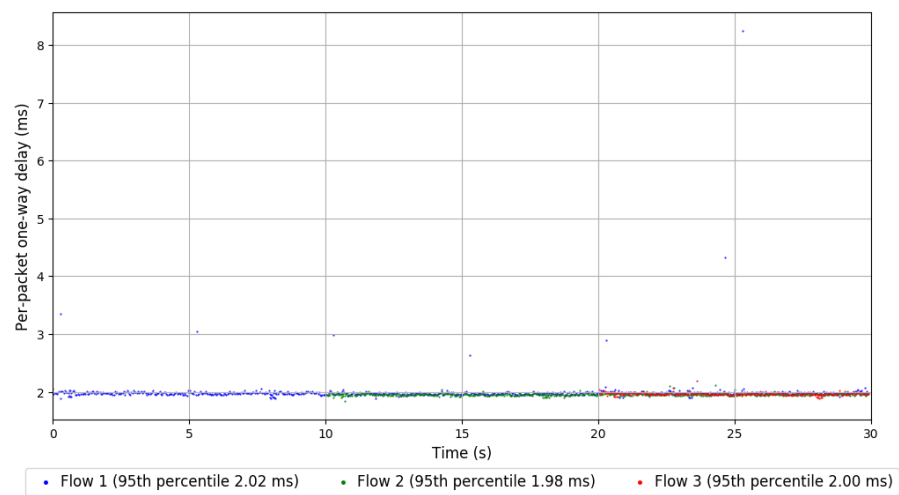
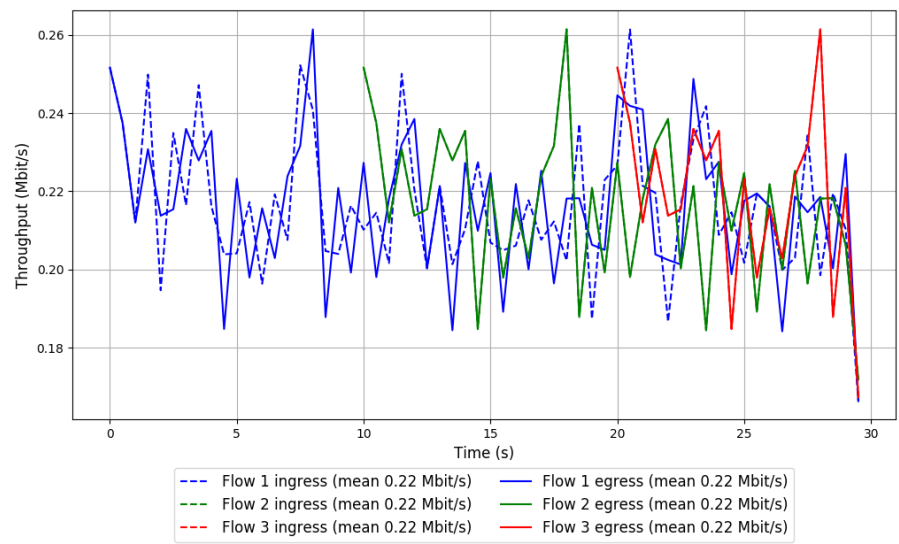


Run 10: Statistics of SReAM

Start at: 2017-09-08 04:25:07
End at: 2017-09-08 04:25:37
Local clock offset: -2.909 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2017-09-08 07:55:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.021 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.001 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

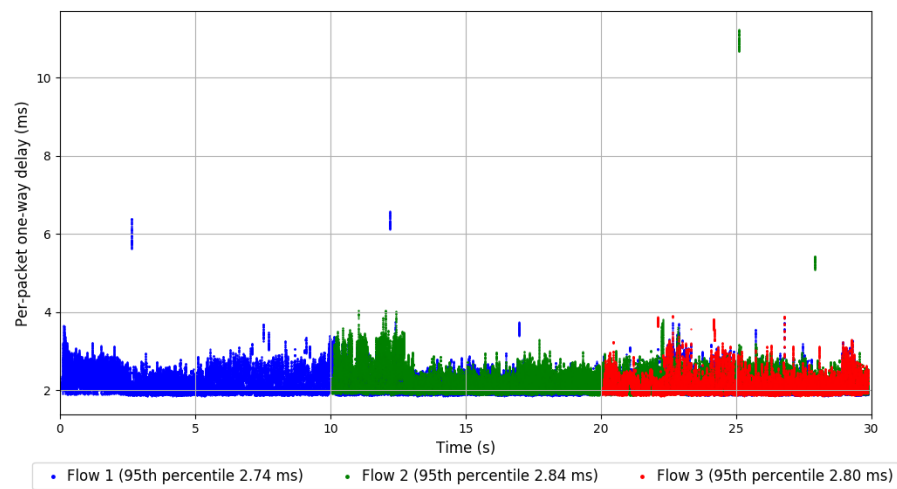
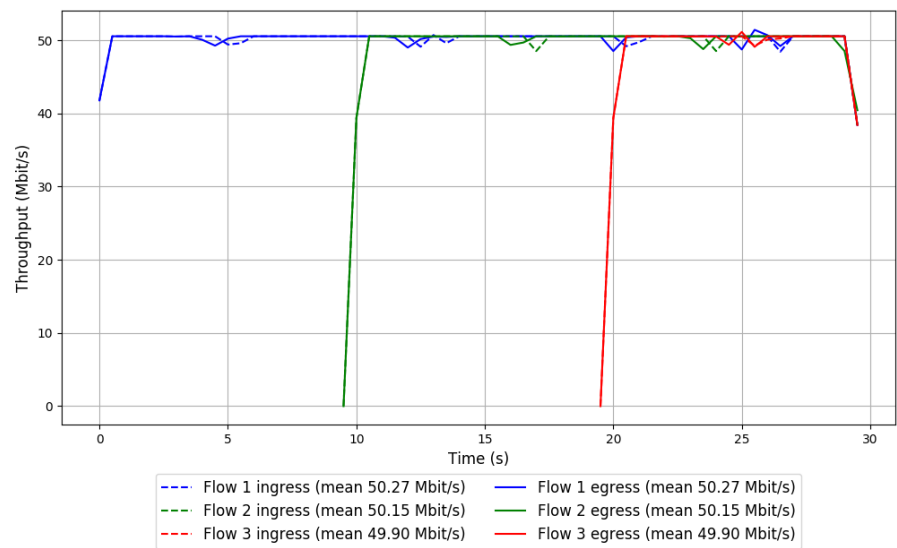


Run 1: Statistics of Sprout

Start at: 2017-09-08 01:15:54
End at: 2017-09-08 01:16:24
Local clock offset: -2.932 ms
Remote clock offset: 0.08 ms

Below is generated by plot.py at 2017-09-08 07:55:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.13 Mbit/s
95th percentile per-packet one-way delay: 2.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.27 Mbit/s
95th percentile per-packet one-way delay: 2.743 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 2.839 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 2.801 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

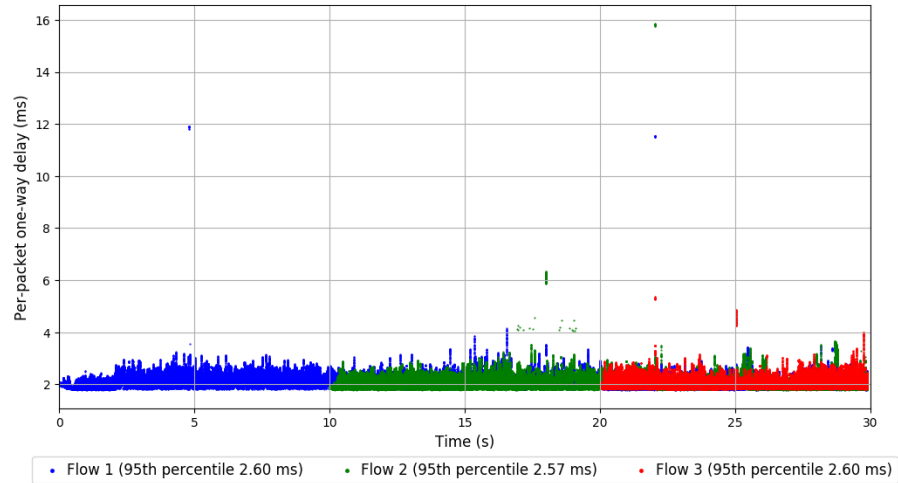
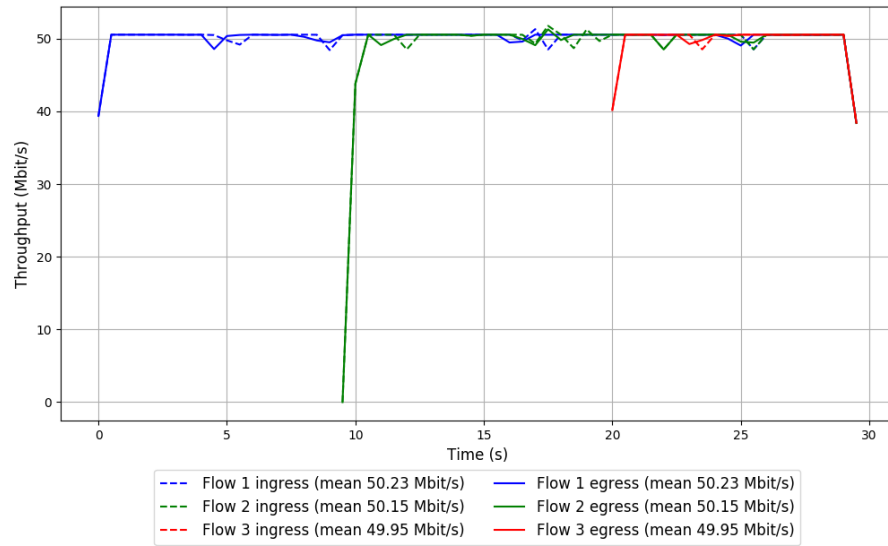


Run 2: Statistics of Sprout

Start at: 2017-09-08 01:35:17
End at: 2017-09-08 01:35:47
Local clock offset: -2.896 ms
Remote clock offset: -0.189 ms

Below is generated by plot.py at 2017-09-08 07:56:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.11 Mbit/s
95th percentile per-packet one-way delay: 2.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 2.604 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 2.573 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.95 Mbit/s
95th percentile per-packet one-way delay: 2.603 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

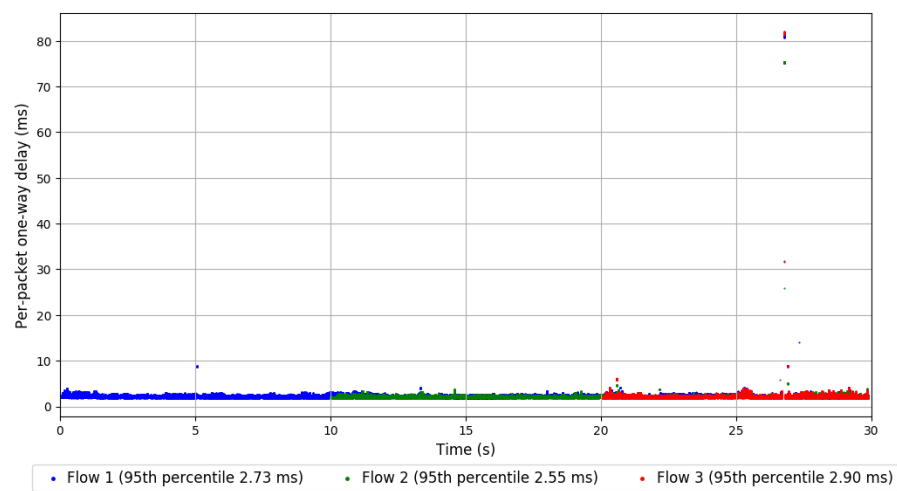
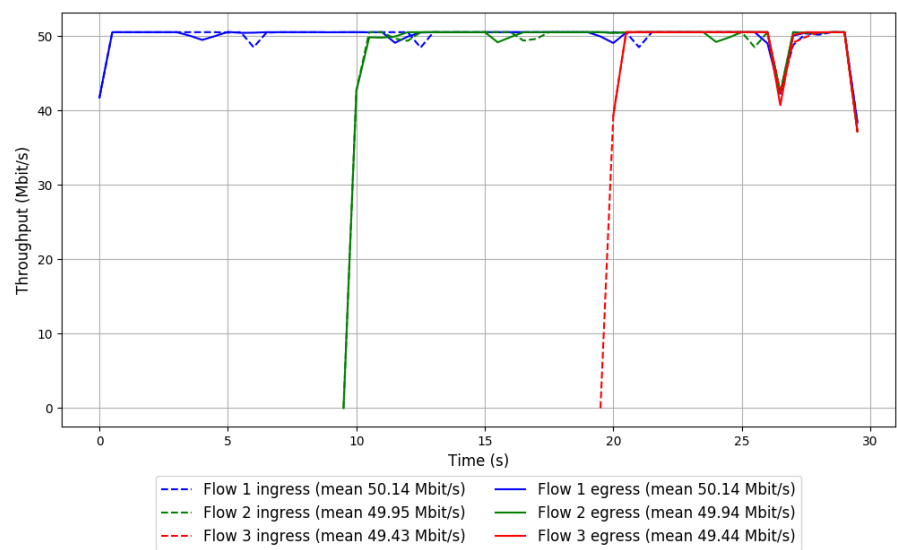


Run 3: Statistics of Sprout

Start at: 2017-09-08 01:55:11
End at: 2017-09-08 01:55:41
Local clock offset: -2.813 ms
Remote clock offset: -0.137 ms

```
# Below is generated by plot.py at 2017-09-08 07:56:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.72 Mbit/s
95th percentile per-packet one-way delay: 2.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 2.735 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.94 Mbit/s
95th percentile per-packet one-way delay: 2.552 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.44 Mbit/s
95th percentile per-packet one-way delay: 2.901 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

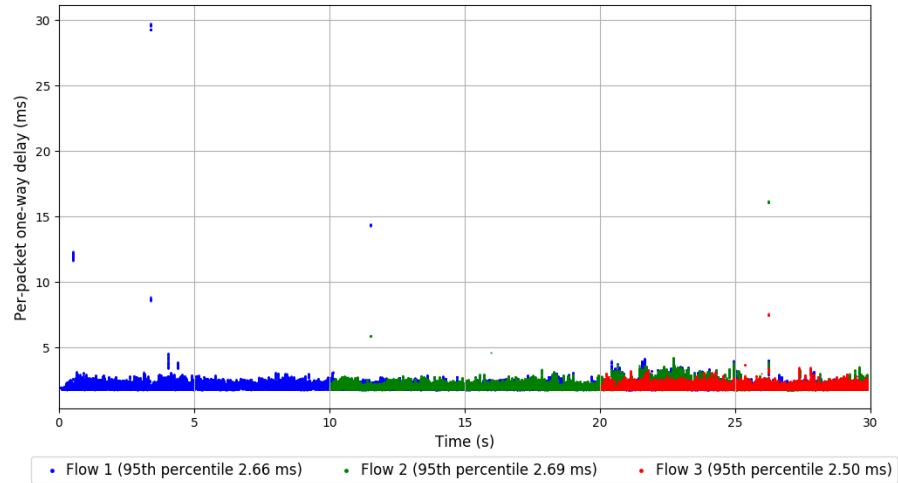
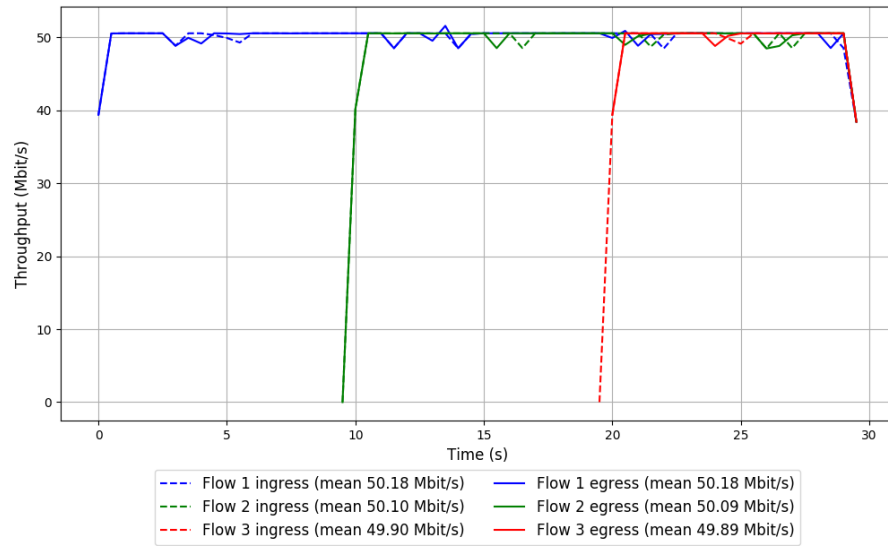


Run 4: Statistics of Sprout

Start at: 2017-09-08 02:15:19
End at: 2017-09-08 02:15:49
Local clock offset: -2.65 ms
Remote clock offset: -0.185 ms

```
# Below is generated by plot.py at 2017-09-08 07:56:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.98 Mbit/s
95th percentile per-packet one-way delay: 2.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 2.656 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 2.691 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.89 Mbit/s
95th percentile per-packet one-way delay: 2.501 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

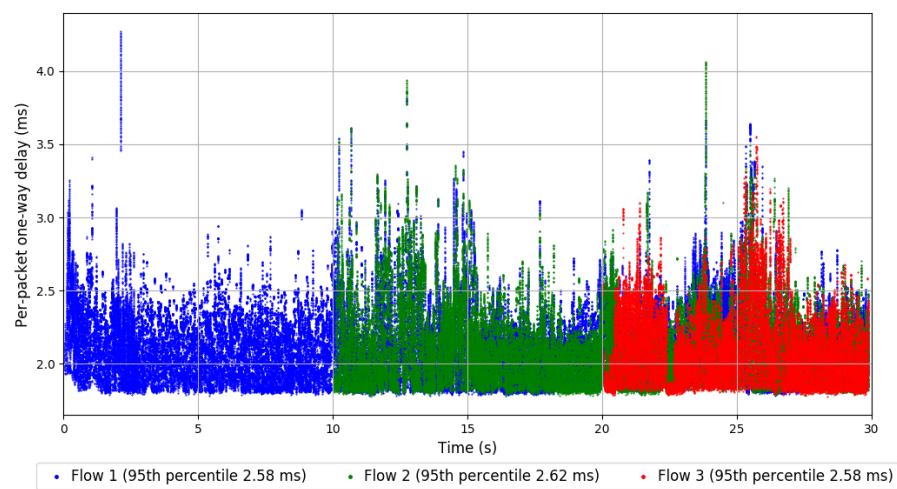
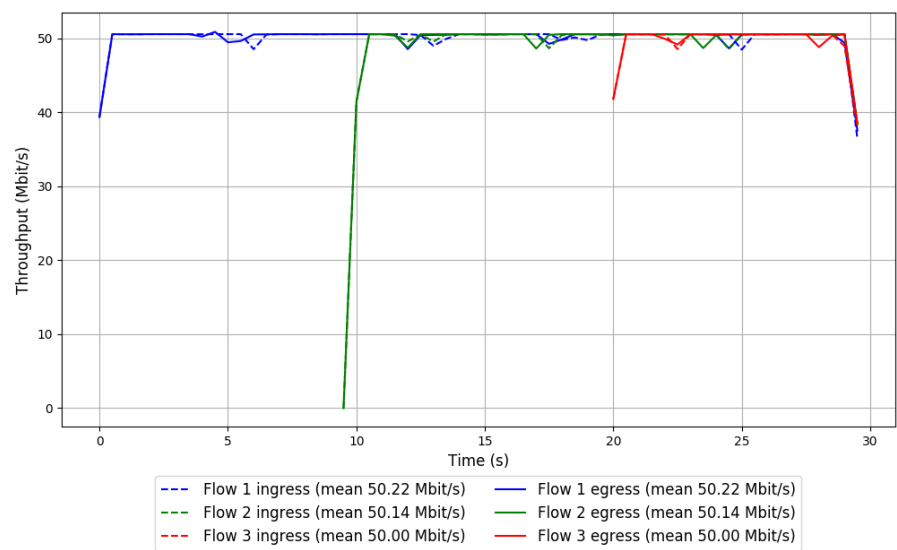


Run 5: Statistics of Sprout

Start at: 2017-09-08 02:35:29
End at: 2017-09-08 02:35:59
Local clock offset: -2.632 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2017-09-08 07:56:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.07 Mbit/s
95th percentile per-packet one-way delay: 2.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 2.581 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 2.615 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.00 Mbit/s
95th percentile per-packet one-way delay: 2.585 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

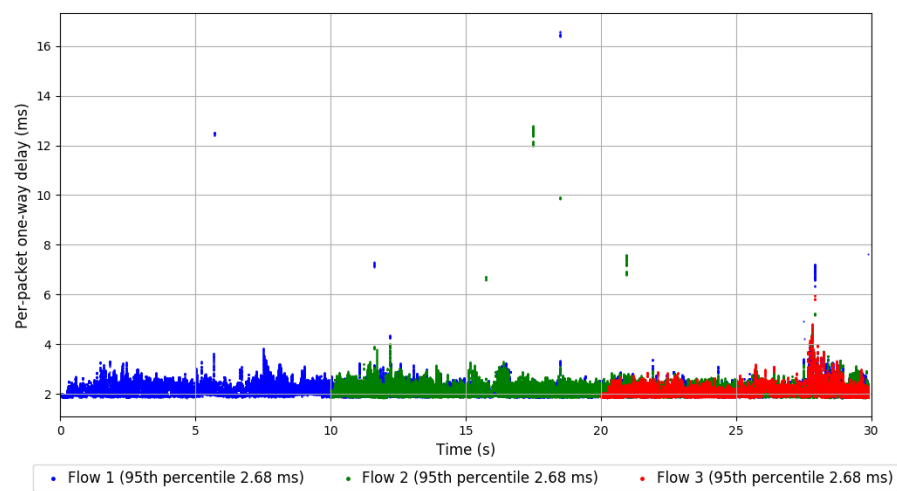
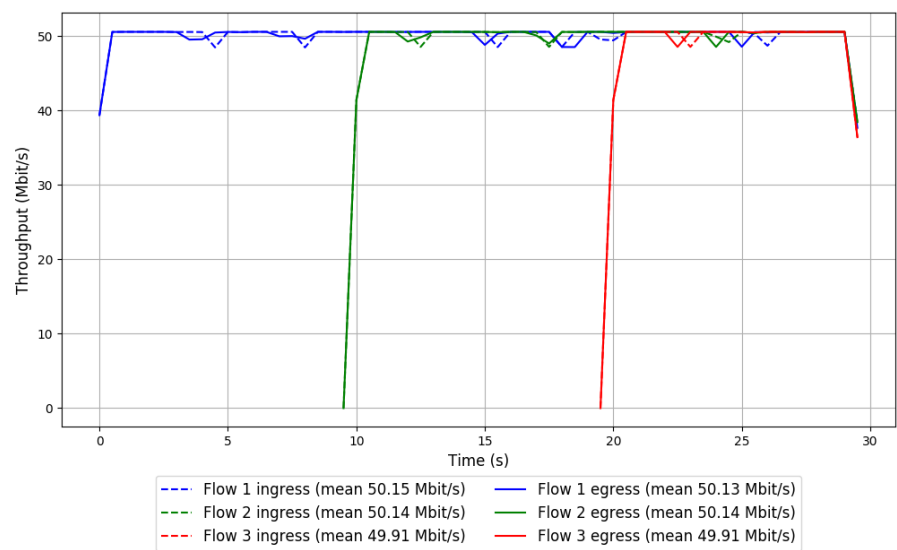


Run 6: Statistics of Sprout

Start at: 2017-09-08 02:55:29
End at: 2017-09-08 02:55:59
Local clock offset: -2.55 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2017-09-08 07:56:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.99 Mbit/s
95th percentile per-packet one-way delay: 2.678 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 2.678 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 2.680 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 2.676 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

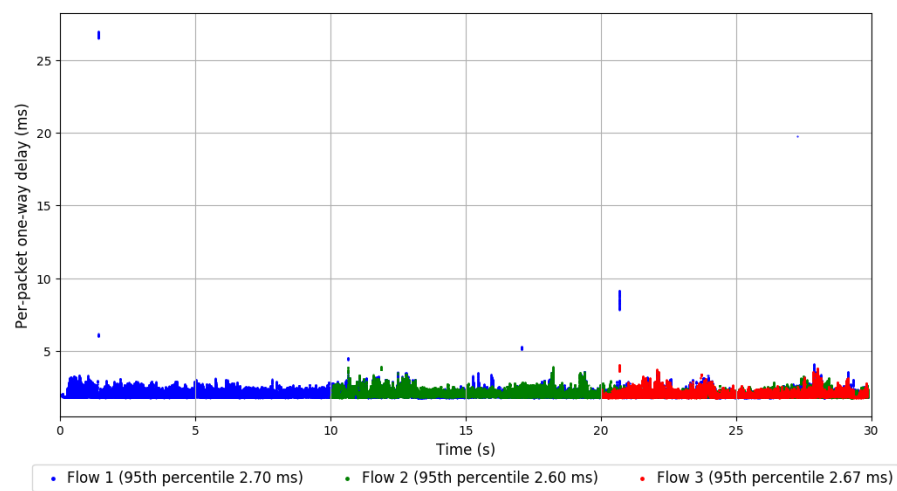
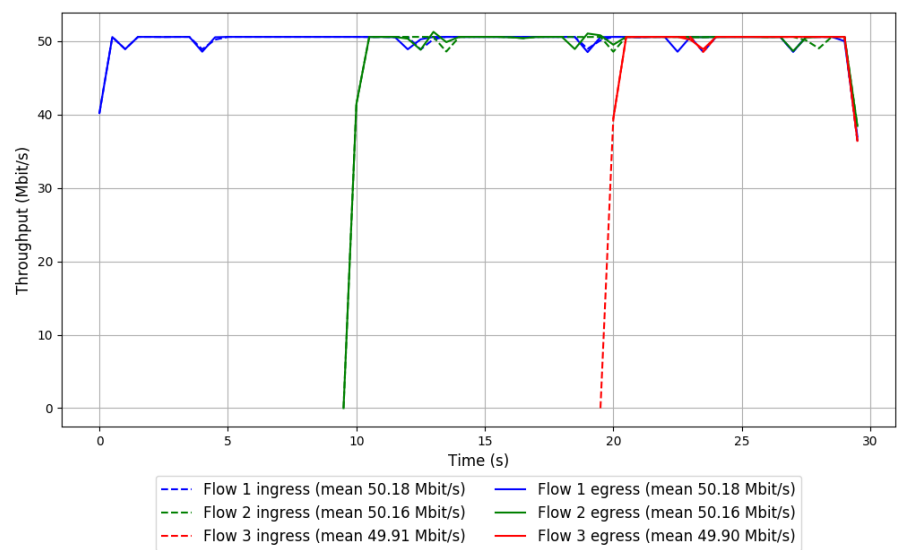


Run 7: Statistics of Sprout

Start at: 2017-09-08 03:15:19
End at: 2017-09-08 03:15:49
Local clock offset: -2.638 ms
Remote clock offset: -0.084 ms

```
# Below is generated by plot.py at 2017-09-08 07:56:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.02 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 2.697 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.602 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.90 Mbit/s
95th percentile per-packet one-way delay: 2.671 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

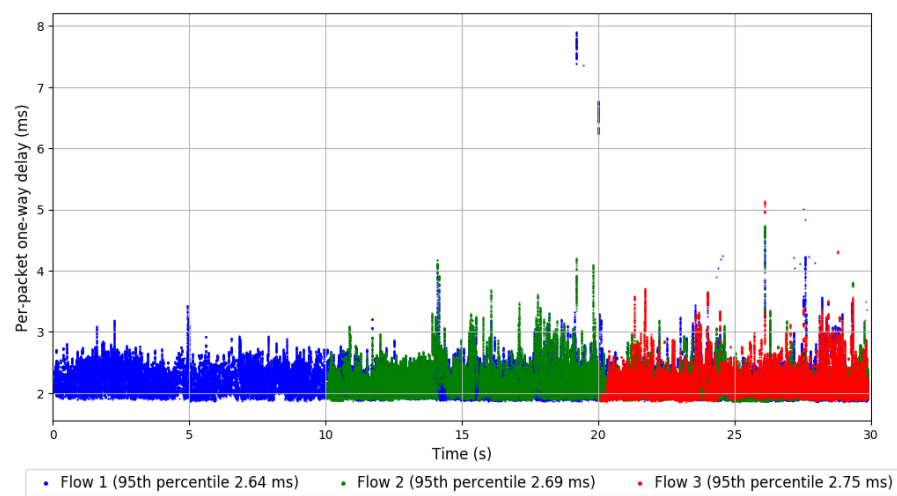
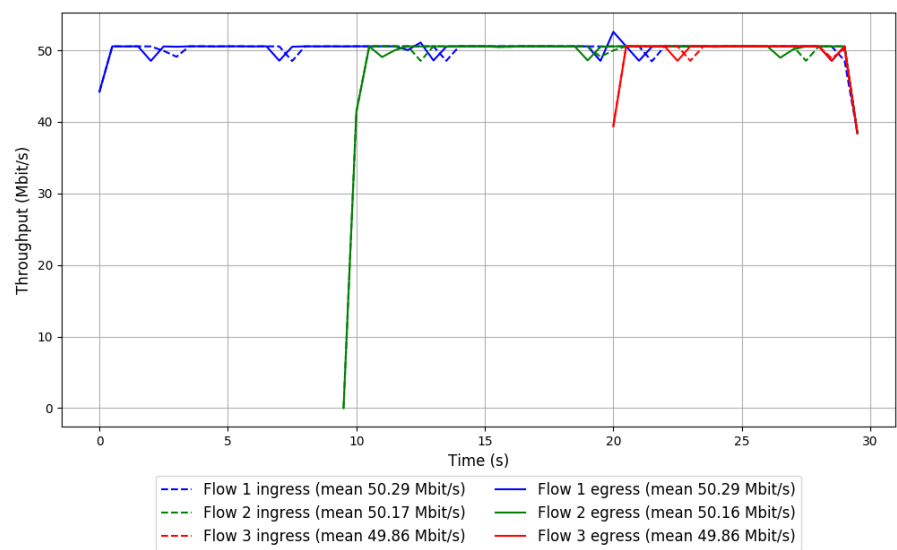


Run 8: Statistics of Sprout

Start at: 2017-09-08 03:35:13
End at: 2017-09-08 03:35:43
Local clock offset: -2.837 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2017-09-08 07:56:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.14 Mbit/s
95th percentile per-packet one-way delay: 2.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 2.643 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.686 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 2.753 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

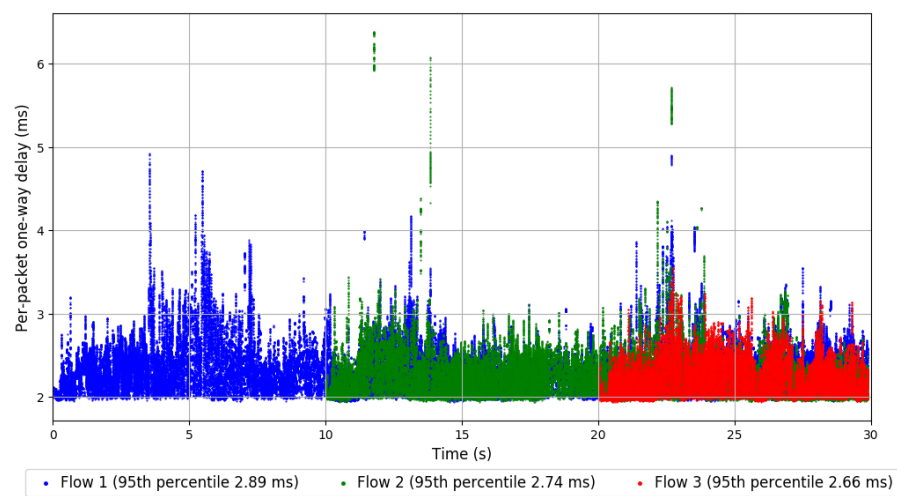
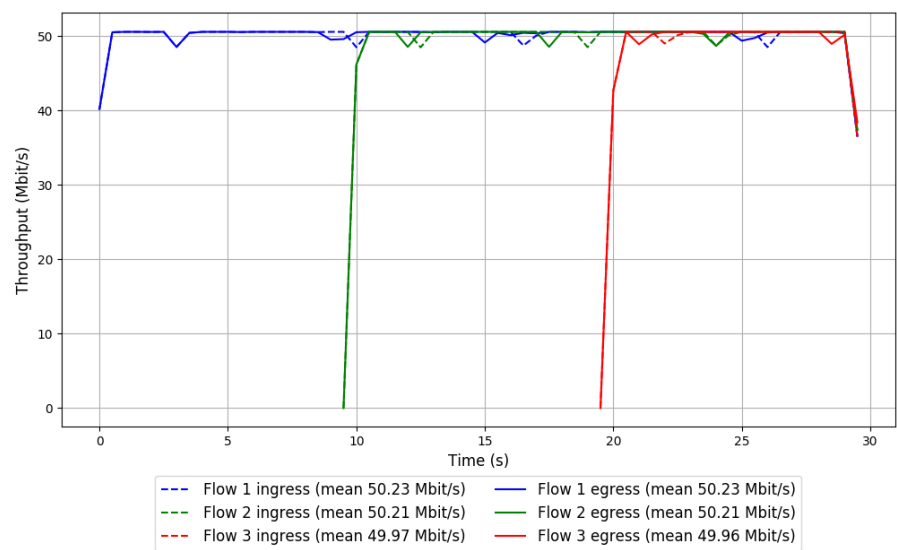


Run 9: Statistics of Sprout

Start at: 2017-09-08 03:54:56
End at: 2017-09-08 03:55:26
Local clock offset: -2.998 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2017-09-08 07:56:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.16 Mbit/s
95th percentile per-packet one-way delay: 2.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 2.887 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 2.744 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 2.656 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

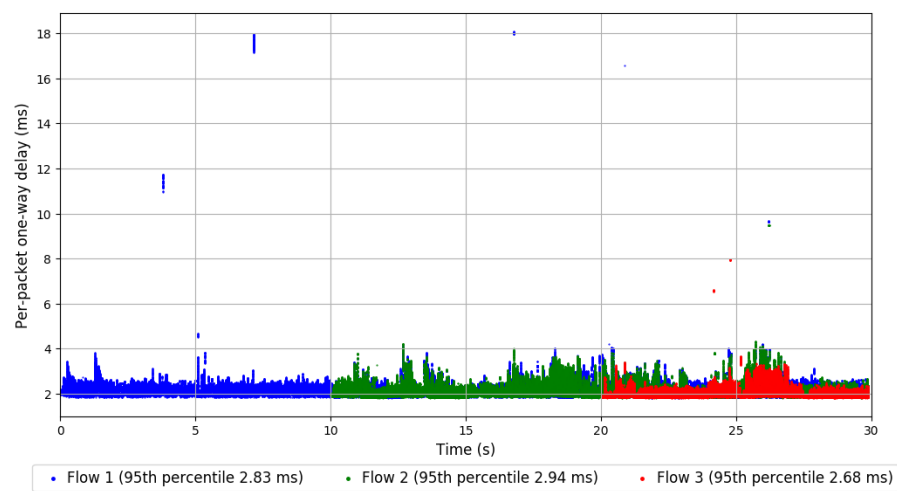
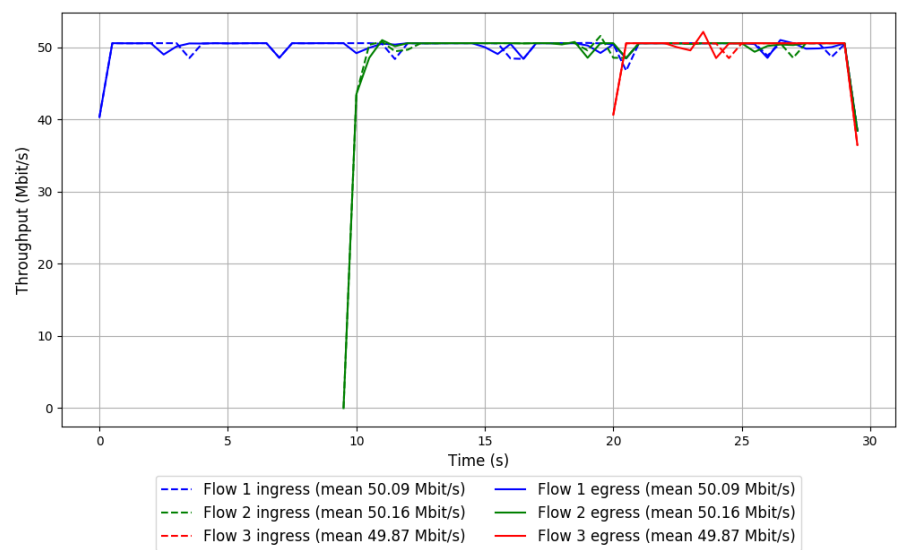


Run 10: Statistics of Sprout

Start at: 2017-09-08 04:14:43
End at: 2017-09-08 04:15:13
Local clock offset: -2.934 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2017-09-08 07:56:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.94 Mbit/s
95th percentile per-packet one-way delay: 2.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 2.828 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.944 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.87 Mbit/s
95th percentile per-packet one-way delay: 2.681 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

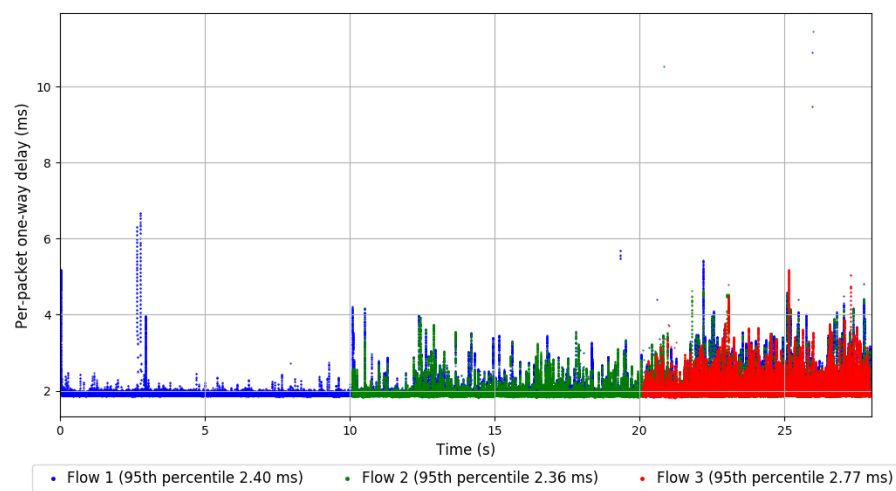
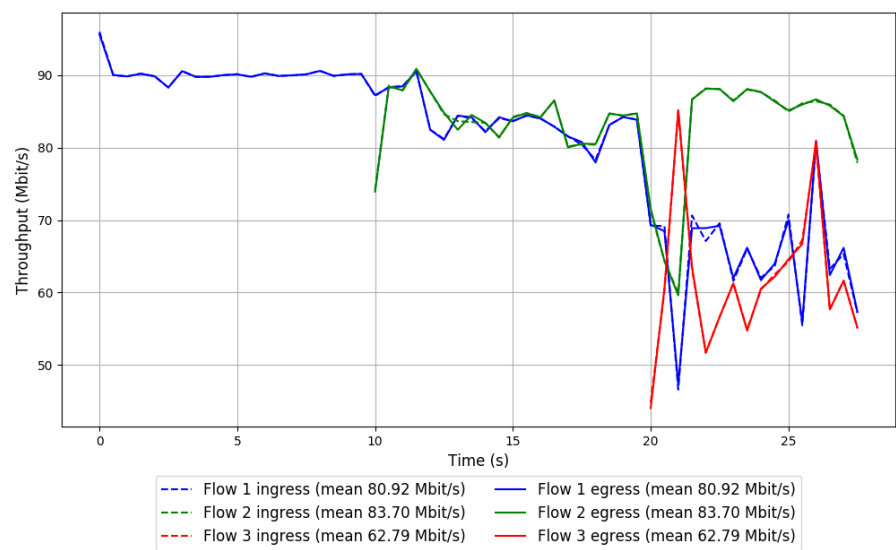


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-08 01:20:10
End at: 2017-09-08 01:20:40
Local clock offset: -2.915 ms
Remote clock offset: 0.044 ms

# Below is generated by plot.py at 2017-09-08 07:57:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 152.07 Mbit/s
95th percentile per-packet one-way delay: 2.459 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 2.398 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 83.70 Mbit/s
95th percentile per-packet one-way delay: 2.363 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 2.765 ms
Loss rate: 0.00%
```

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

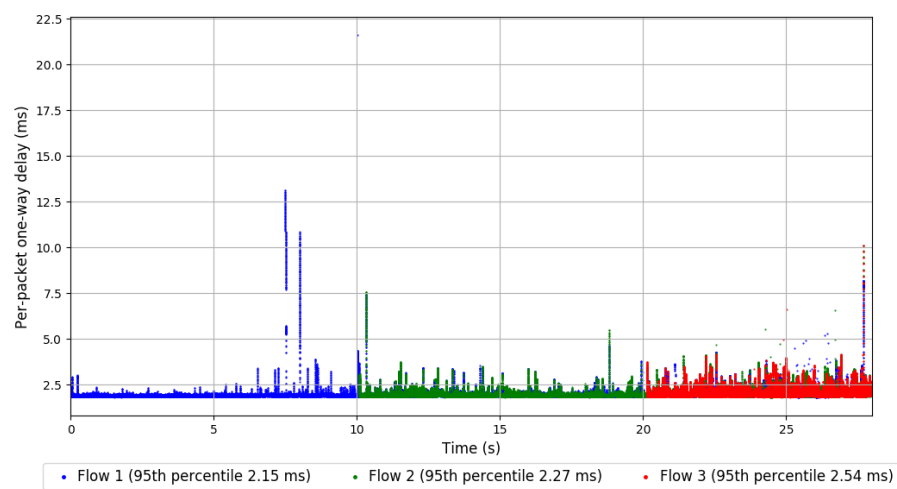
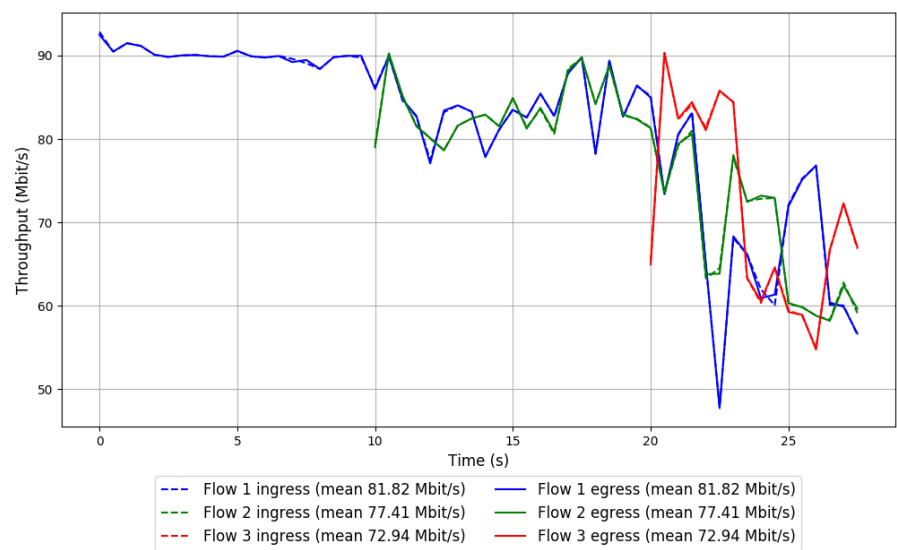


Run 2: Statistics of TaoVA-100x

Start at: 2017-09-08 01:39:31
End at: 2017-09-08 01:40:01
Local clock offset: -2.913 ms
Remote clock offset: -0.159 ms

Below is generated by plot.py at 2017-09-08 07:57:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.74 Mbit/s
95th percentile per-packet one-way delay: 2.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 2.146 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.41 Mbit/s
95th percentile per-packet one-way delay: 2.272 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.94 Mbit/s
95th percentile per-packet one-way delay: 2.543 ms
Loss rate: 0.00%

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

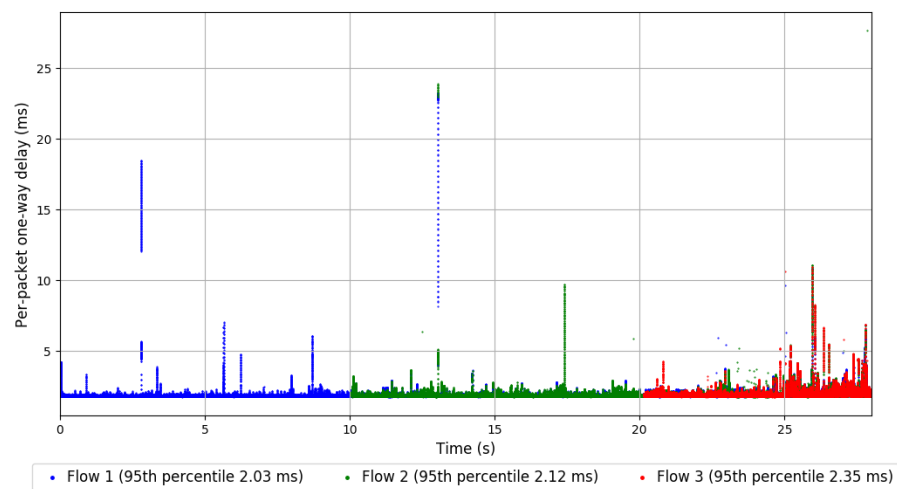
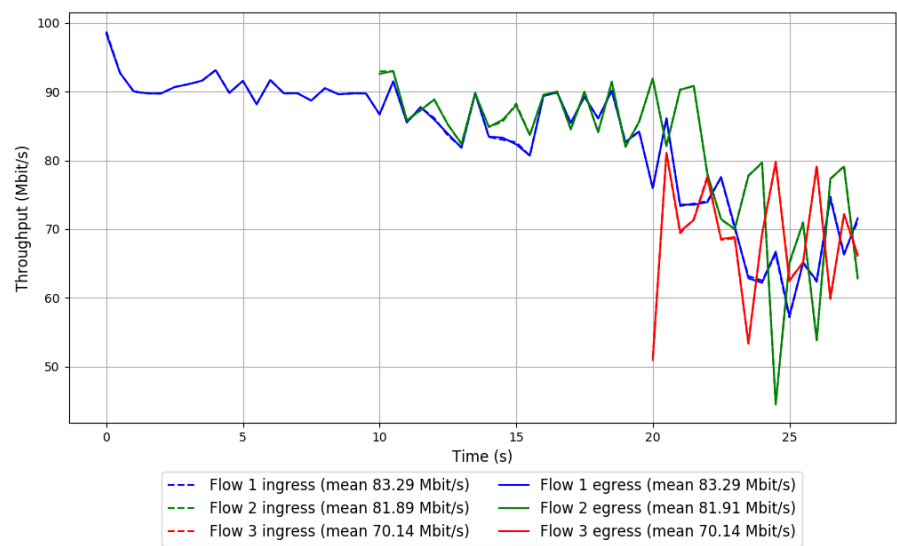


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-08 01:59:32
End at: 2017-09-08 02:00:02
Local clock offset: -2.768 ms
Remote clock offset: -0.191 ms

Below is generated by plot.py at 2017-09-08 07:58:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.30 Mbit/s
95th percentile per-packet one-way delay: 2.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 2.034 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 81.91 Mbit/s
95th percentile per-packet one-way delay: 2.118 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.14 Mbit/s
95th percentile per-packet one-way delay: 2.351 ms
Loss rate: 0.00%

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

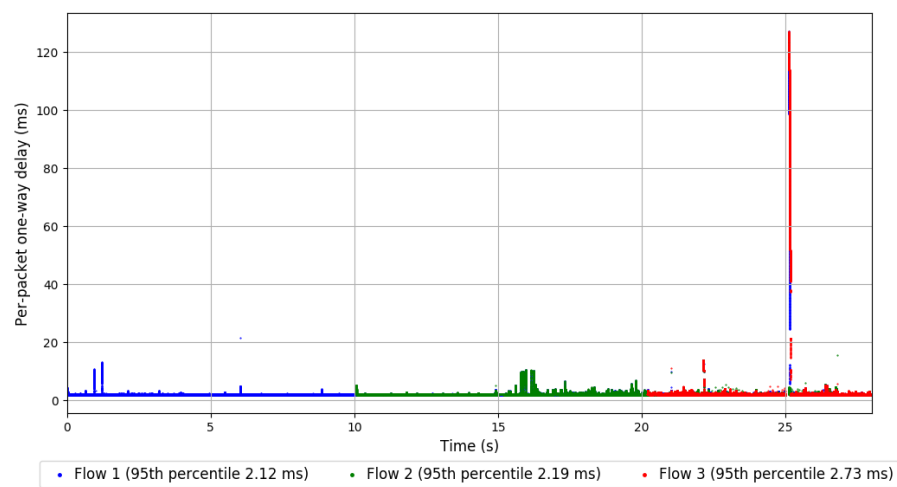
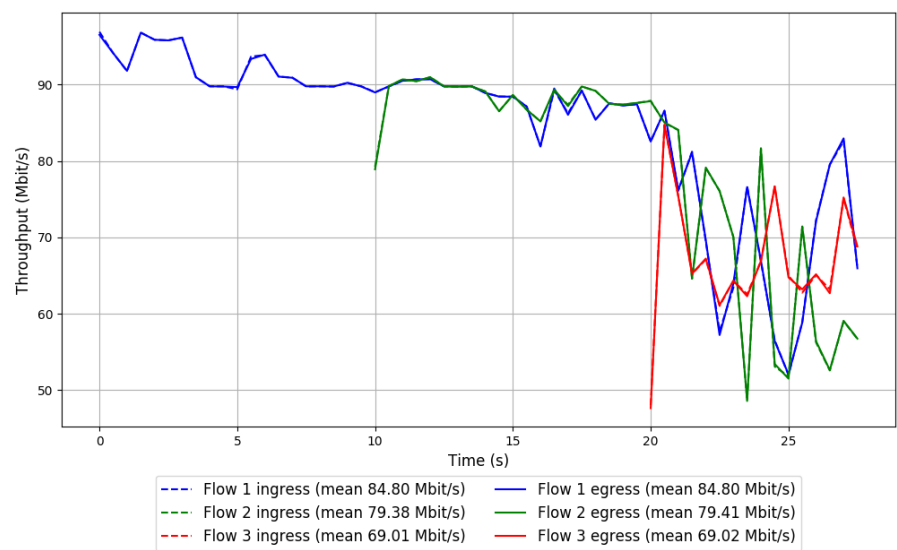


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-08 02:19:43
End at: 2017-09-08 02:20:13
Local clock offset: -2.706 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2017-09-08 07:58:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.78 Mbit/s
95th percentile per-packet one-way delay: 2.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 2.119 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.41 Mbit/s
95th percentile per-packet one-way delay: 2.187 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.02 Mbit/s
95th percentile per-packet one-way delay: 2.727 ms
Loss rate: 0.00%

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

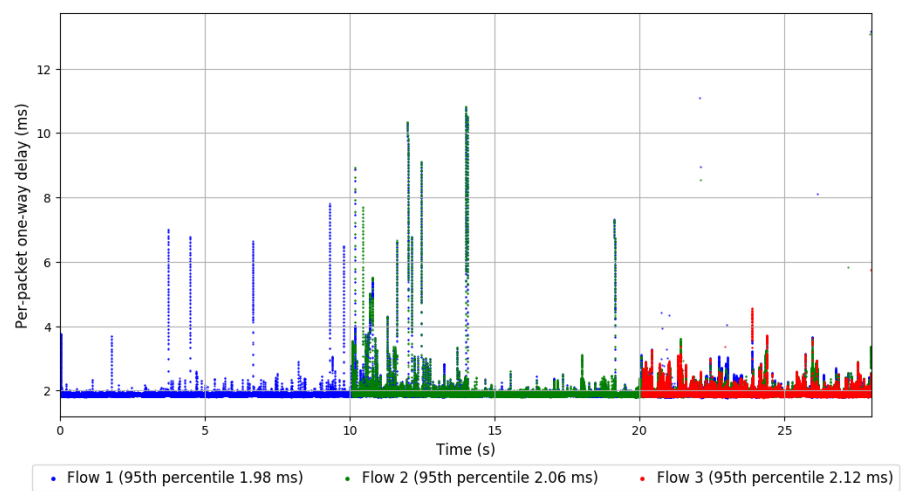
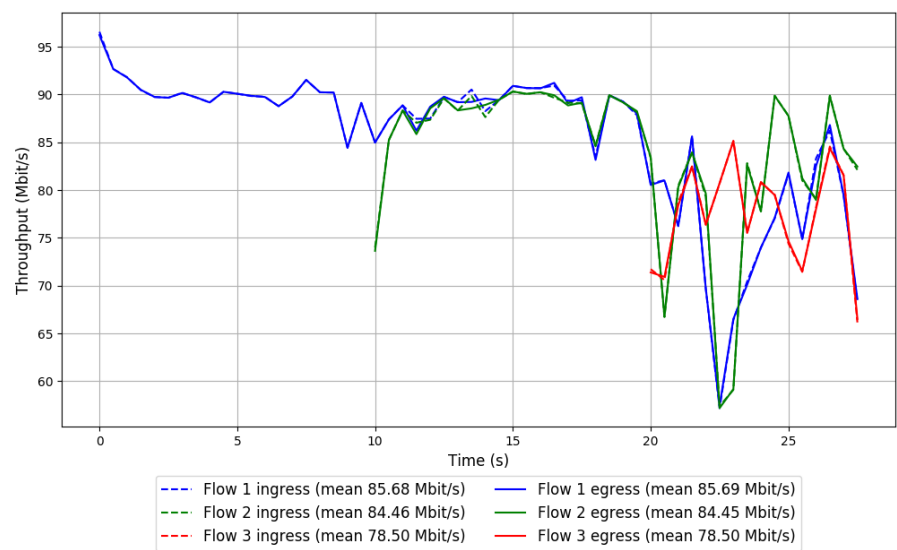


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-08 02:39:48
End at: 2017-09-08 02:40:18
Local clock offset: -2.593 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2017-09-08 07:58:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 161.86 Mbit/s
95th percentile per-packet one-way delay: 2.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 1.977 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.45 Mbit/s
95th percentile per-packet one-way delay: 2.056 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 78.50 Mbit/s
95th percentile per-packet one-way delay: 2.121 ms
Loss rate: 0.00%

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

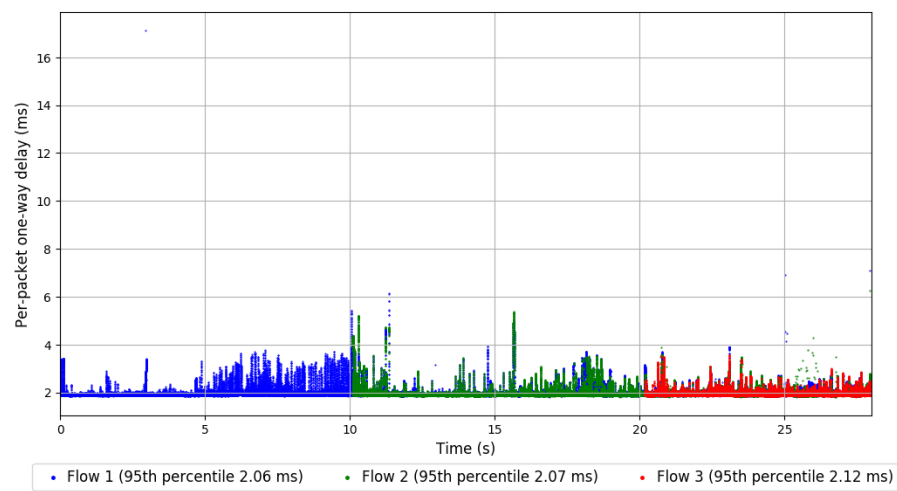
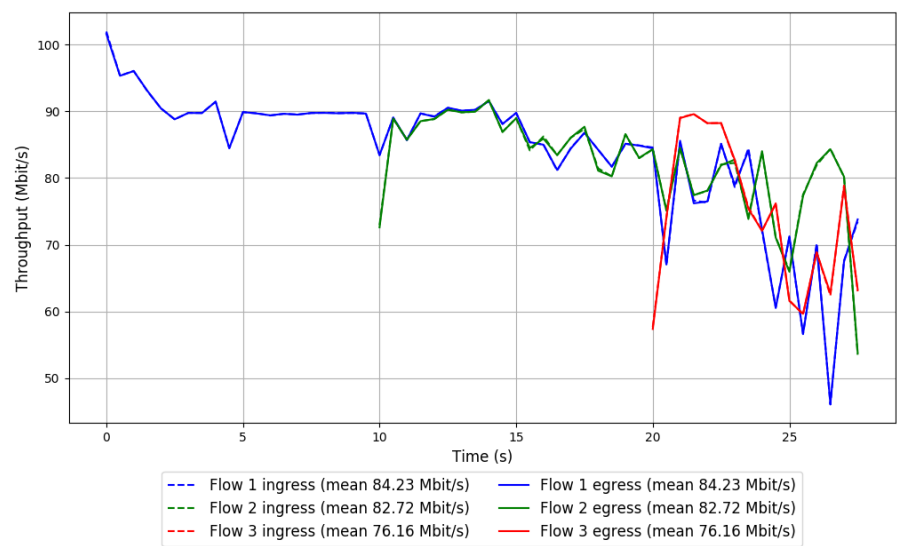


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-08 02:59:53
End at: 2017-09-08 03:00:23
Local clock offset: -2.597 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2017-09-08 07:58:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 158.35 Mbit/s
95th percentile per-packet one-way delay: 2.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.23 Mbit/s
95th percentile per-packet one-way delay: 2.063 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 82.72 Mbit/s
95th percentile per-packet one-way delay: 2.073 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 76.16 Mbit/s
95th percentile per-packet one-way delay: 2.115 ms
Loss rate: 0.00%

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

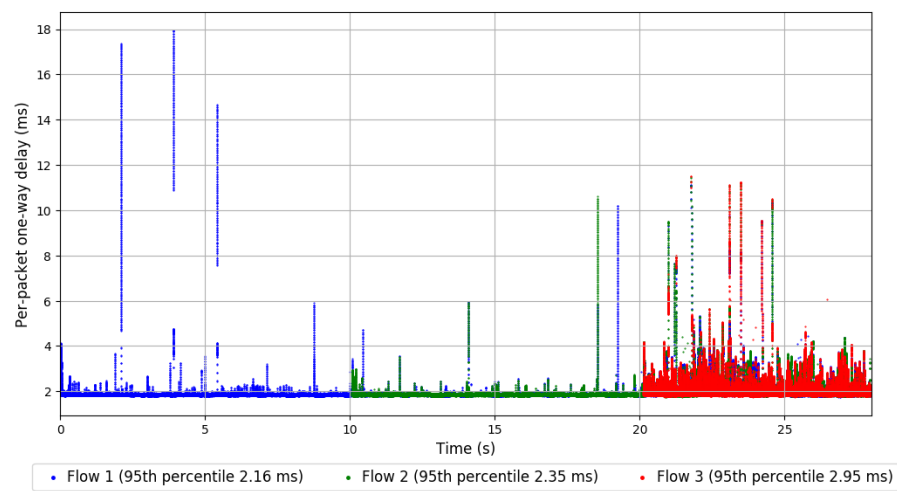
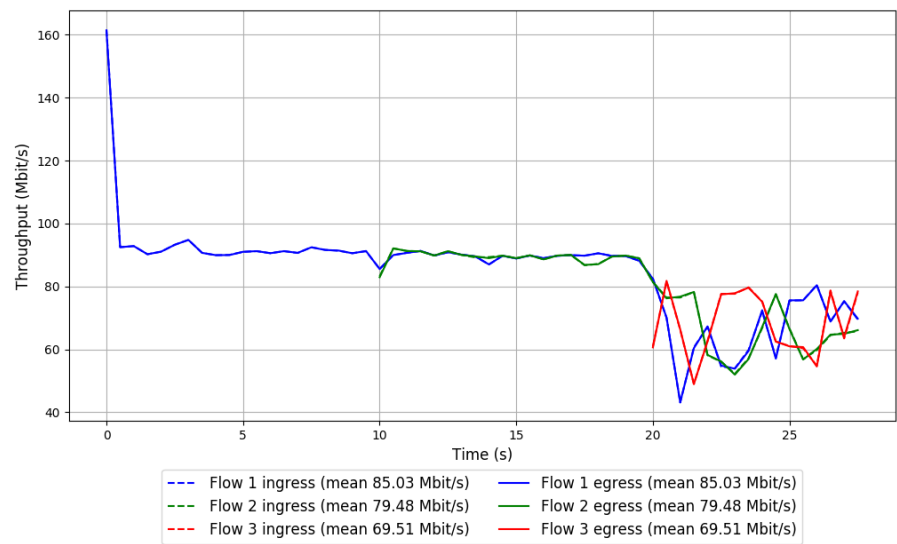


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-08 03:19:37
End at: 2017-09-08 03:20:07
Local clock offset: -2.673 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2017-09-08 07:59:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.41 Mbit/s
95th percentile per-packet one-way delay: 2.356 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.03 Mbit/s
95th percentile per-packet one-way delay: 2.158 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 2.351 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 2.946 ms
Loss rate: 0.00%

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

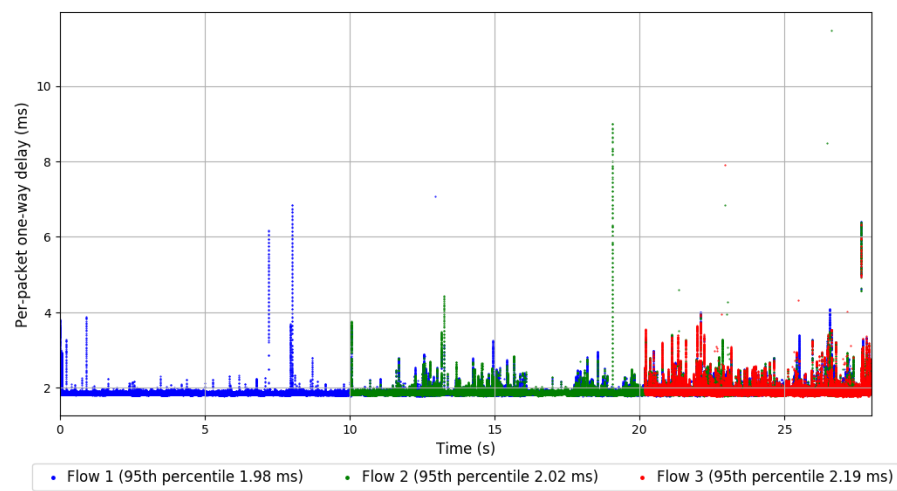
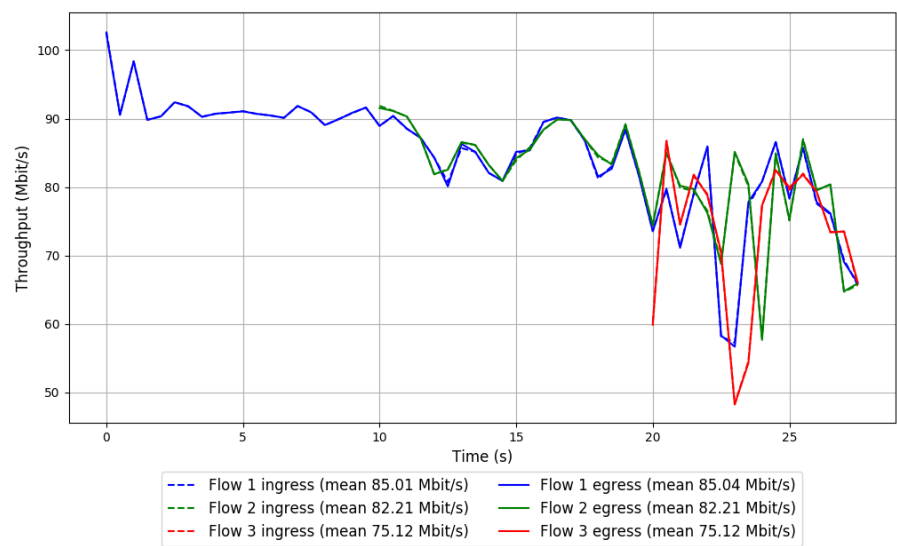


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-08 03:39:30
End at: 2017-09-08 03:40:00
Local clock offset: -2.824 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2017-09-08 07:59:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 158.71 Mbit/s
95th percentile per-packet one-way delay: 2.023 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 1.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 82.21 Mbit/s
95th percentile per-packet one-way delay: 2.018 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 75.12 Mbit/s
95th percentile per-packet one-way delay: 2.194 ms
Loss rate: 0.00%

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

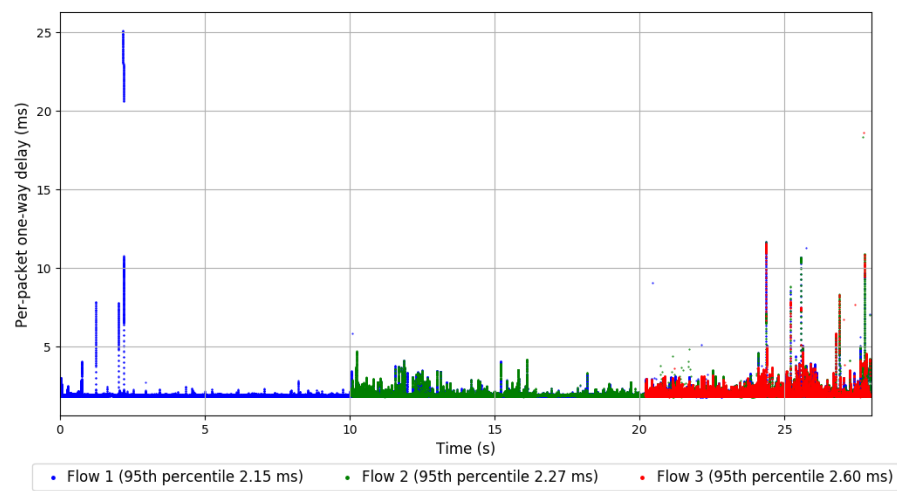
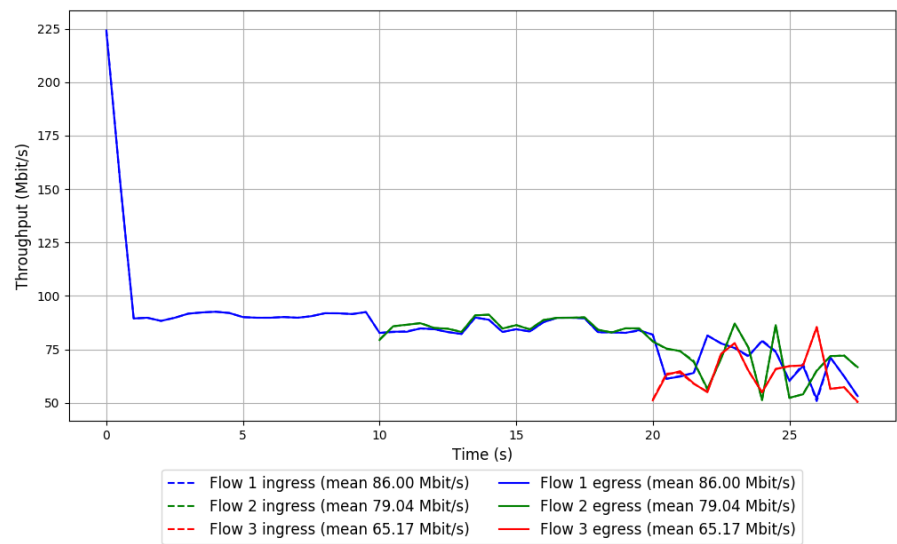


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-08 03:59:14
End at: 2017-09-08 03:59:44
Local clock offset: -2.981 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-08 07:59:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.73 Mbit/s
95th percentile per-packet one-way delay: 2.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 2.149 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 2.271 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.17 Mbit/s
95th percentile per-packet one-way delay: 2.599 ms
Loss rate: 0.00%

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

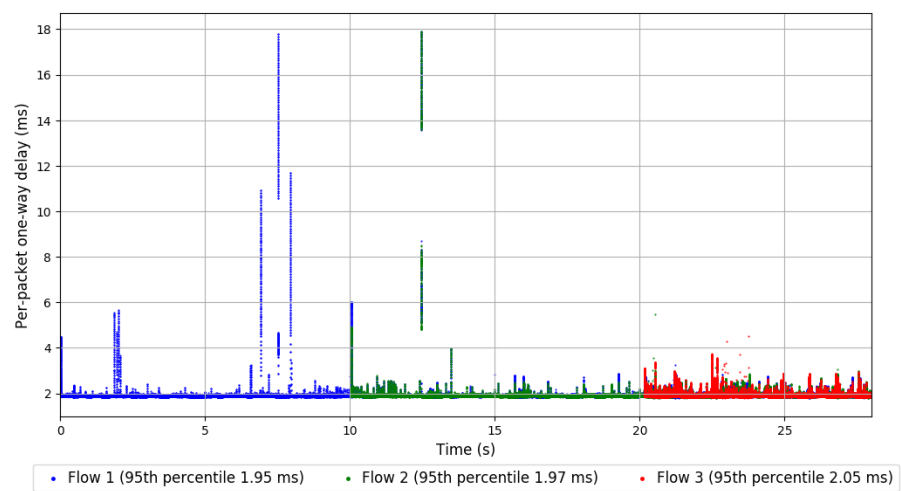
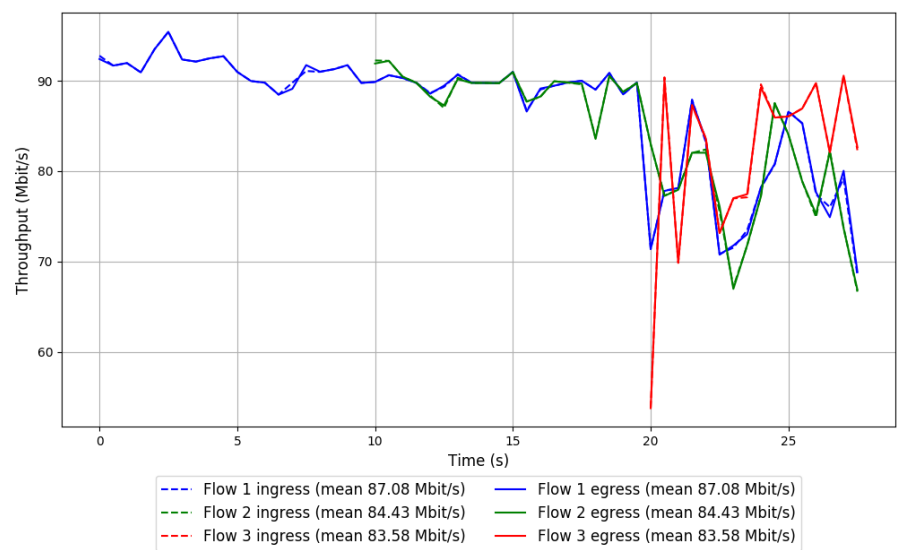


Run 10: Statistics of TaoVA-100x

Start at: 2017-09-08 04:19:07
End at: 2017-09-08 04:19:37
Local clock offset: -2.955 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2017-09-08 07:59:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.63 Mbit/s
95th percentile per-packet one-way delay: 1.969 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 1.952 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 1.967 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 2.053 ms
Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-09-08 01:12:04

End at: 2017-09-08 01:12:34

Local clock offset: -2.934 ms

Remote clock offset: 0.122 ms

Below is generated by plot.py at 2017-09-08 08:00:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 568.40 Mbit/s

95th percentile per-packet one-way delay: 2.515 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 336.09 Mbit/s

95th percentile per-packet one-way delay: 2.495 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 261.10 Mbit/s

95th percentile per-packet one-way delay: 2.569 ms

Loss rate: 0.00%

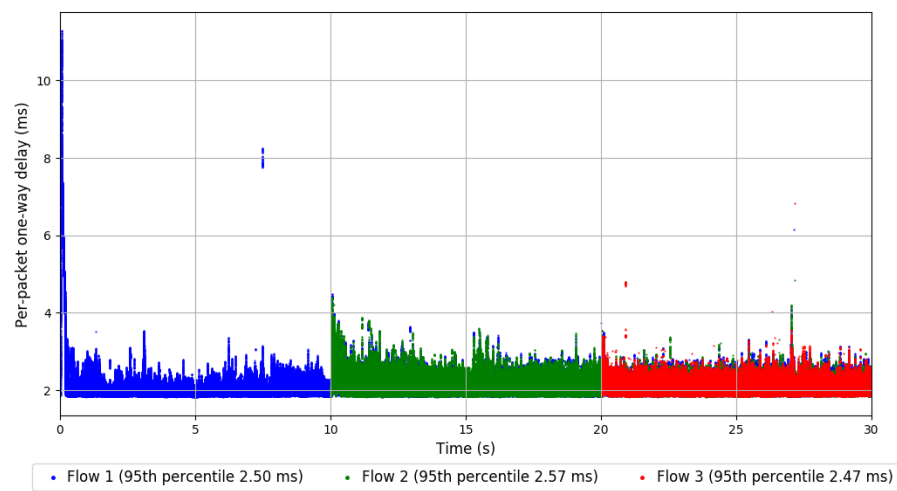
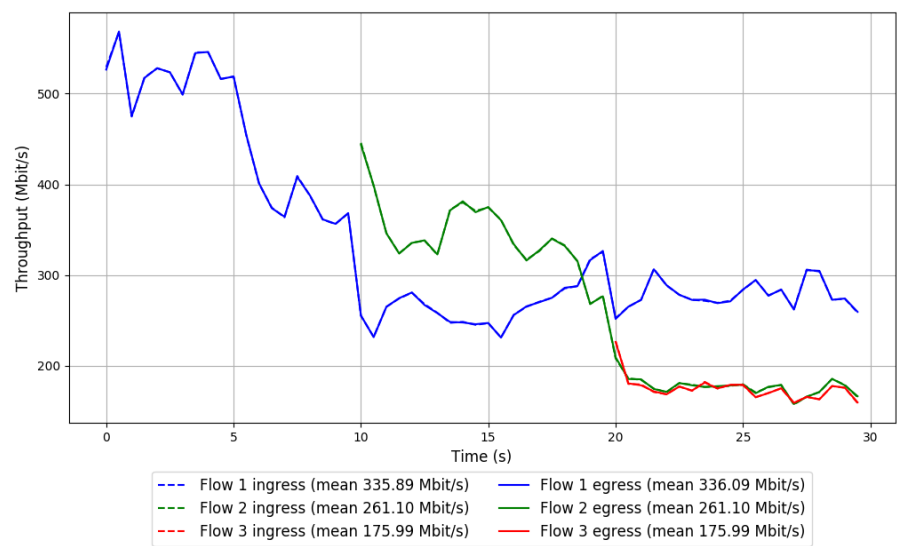
-- Flow 3:

Average throughput: 175.99 Mbit/s

95th percentile per-packet one-way delay: 2.467 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

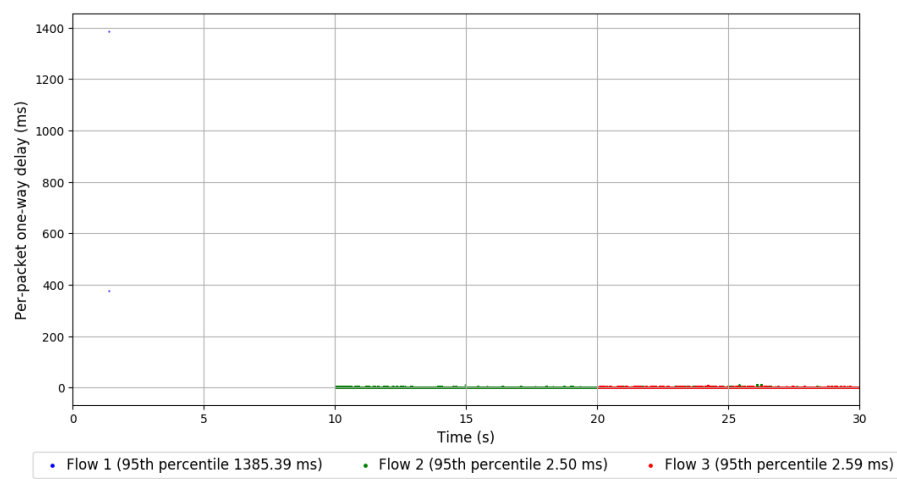
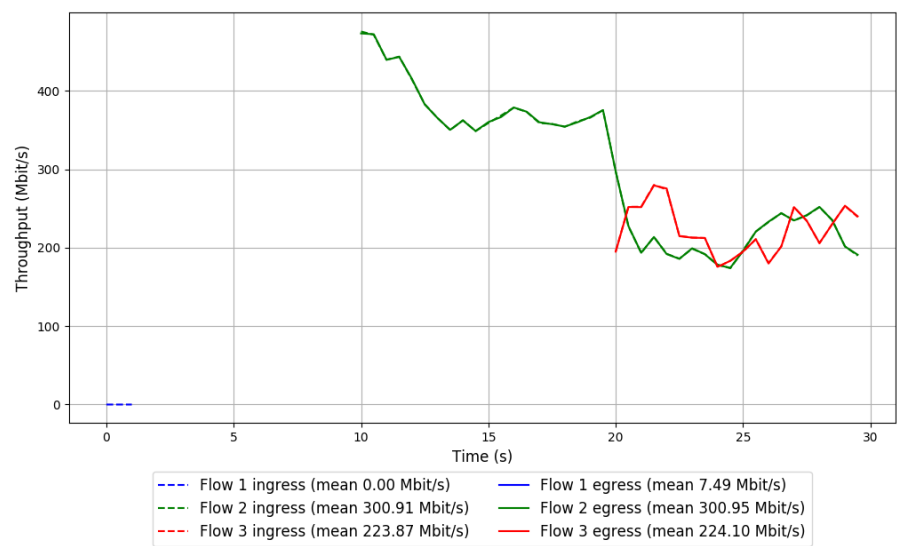


Run 2: Statistics of TCP Vegas

Start at: 2017-09-08 01:31:37
End at: 2017-09-08 01:32:07
Local clock offset: -2.915 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2017-09-08 08:00:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 288.02 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.49 Mbit/s
95th percentile per-packet one-way delay: 1385.395 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 300.95 Mbit/s
95th percentile per-packet one-way delay: 2.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 224.10 Mbit/s
95th percentile per-packet one-way delay: 2.588 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

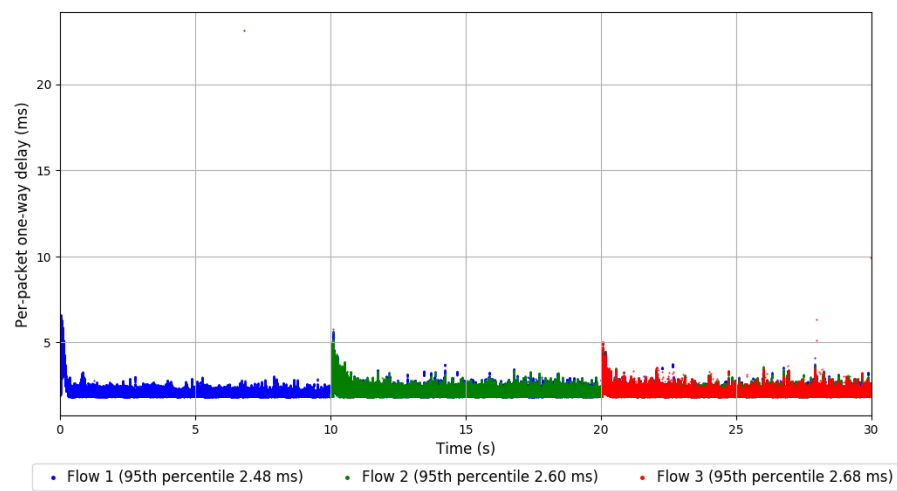
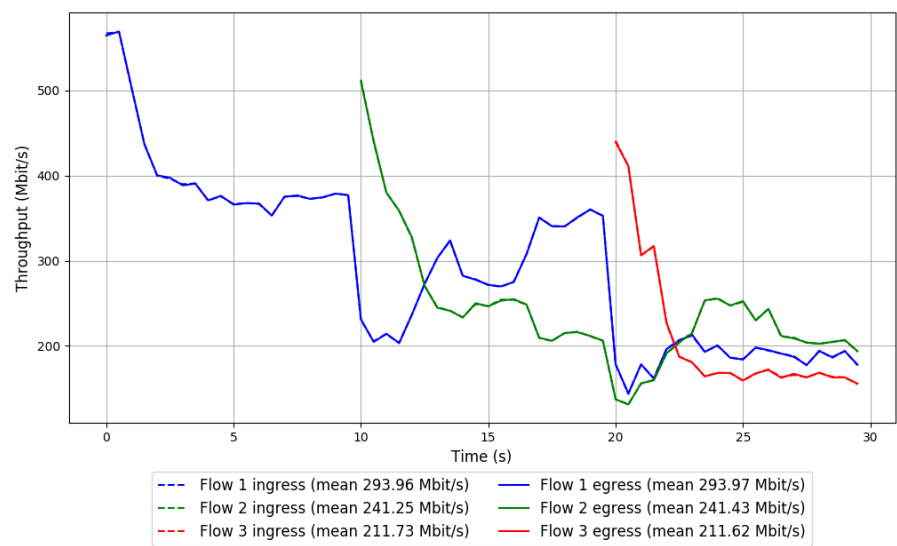


Run 3: Statistics of TCP Vegas

Start at: 2017-09-08 01:51:24
End at: 2017-09-08 01:51:54
Local clock offset: -2.836 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2017-09-08 08:01:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 524.89 Mbit/s
95th percentile per-packet one-way delay: 2.543 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 293.97 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 241.43 Mbit/s
95th percentile per-packet one-way delay: 2.597 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 211.62 Mbit/s
95th percentile per-packet one-way delay: 2.677 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

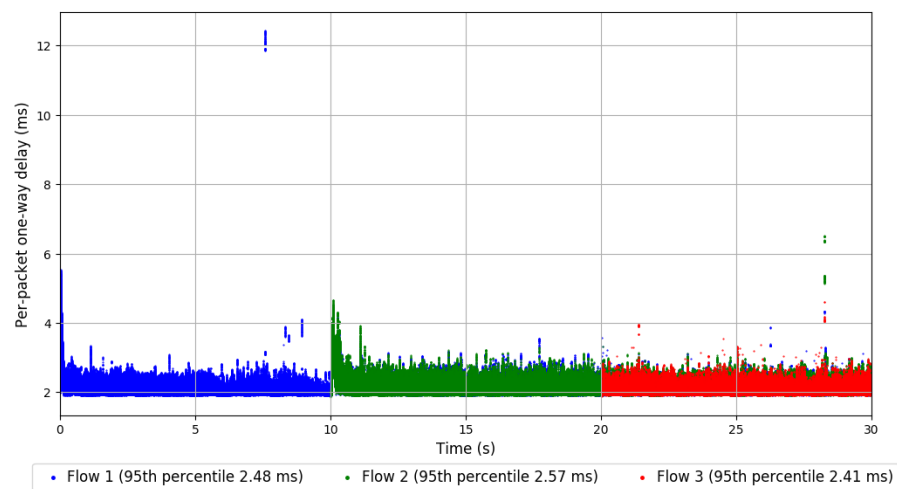
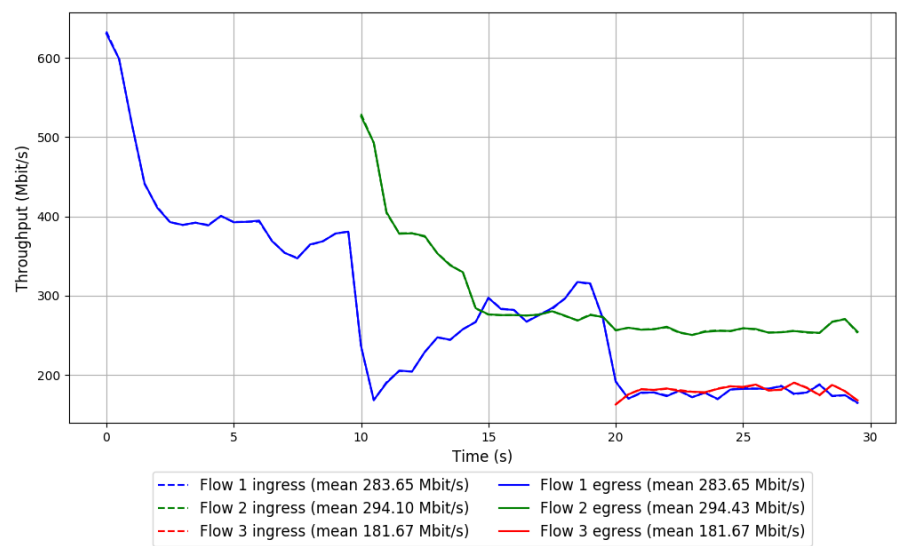


Run 4: Statistics of TCP Vegas

Start at: 2017-09-08 02:11:27
End at: 2017-09-08 02:11:57
Local clock offset: -2.773 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2017-09-08 08:02:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 539.86 Mbit/s
95th percentile per-packet one-way delay: 2.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 283.65 Mbit/s
95th percentile per-packet one-way delay: 2.475 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 294.43 Mbit/s
95th percentile per-packet one-way delay: 2.569 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 181.67 Mbit/s
95th percentile per-packet one-way delay: 2.413 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

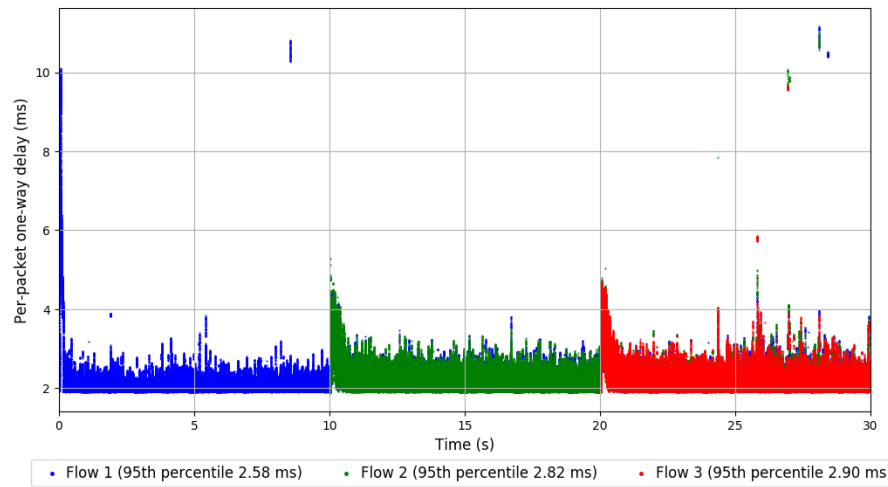
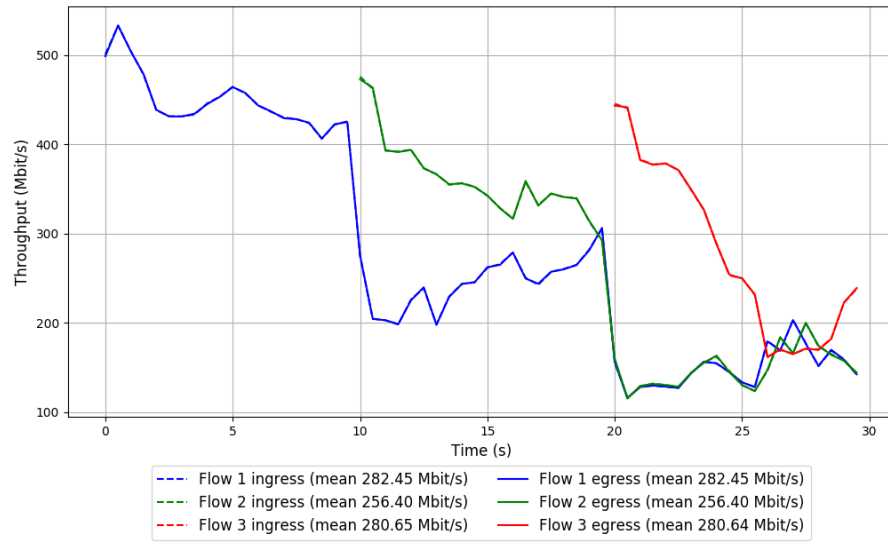


Run 5: Statistics of TCP Vegas

Start at: 2017-09-08 02:31:35
End at: 2017-09-08 02:32:05
Local clock offset: -2.719 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2017-09-08 08:02:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 546.22 Mbit/s
95th percentile per-packet one-way delay: 2.713 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 282.45 Mbit/s
95th percentile per-packet one-way delay: 2.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 256.40 Mbit/s
95th percentile per-packet one-way delay: 2.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 280.64 Mbit/s
95th percentile per-packet one-way delay: 2.901 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

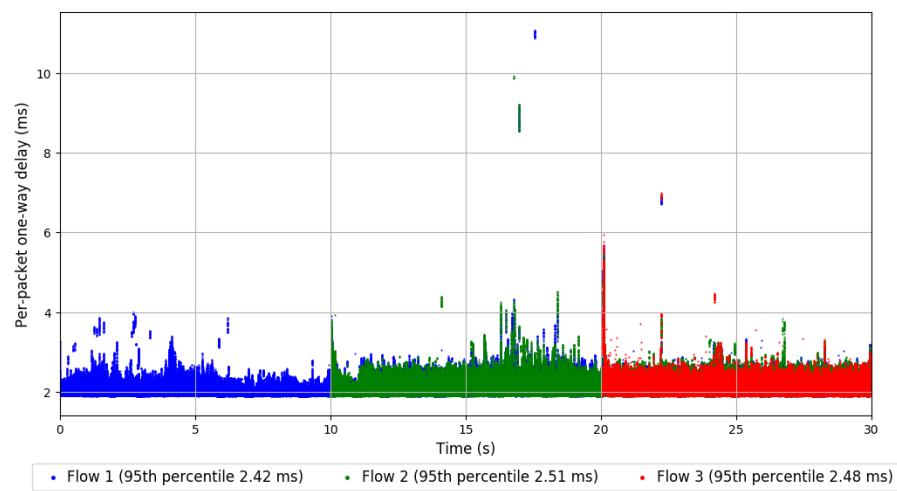
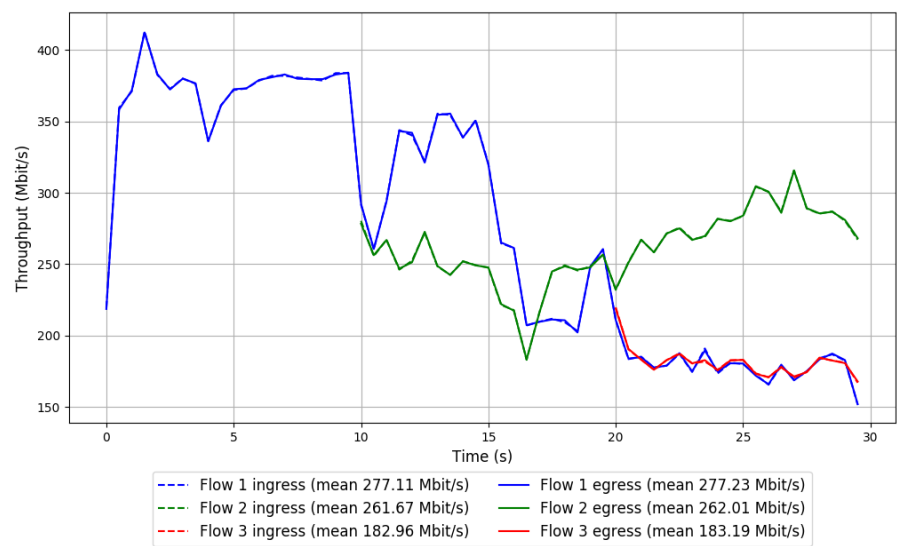


Run 6: Statistics of TCP Vegas

Start at: 2017-09-08 02:51:44
End at: 2017-09-08 02:52:14
Local clock offset: -2.598 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2017-09-08 08:03:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 512.26 Mbit/s
95th percentile per-packet one-way delay: 2.467 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 277.23 Mbit/s
95th percentile per-packet one-way delay: 2.424 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 262.01 Mbit/s
95th percentile per-packet one-way delay: 2.508 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 183.19 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

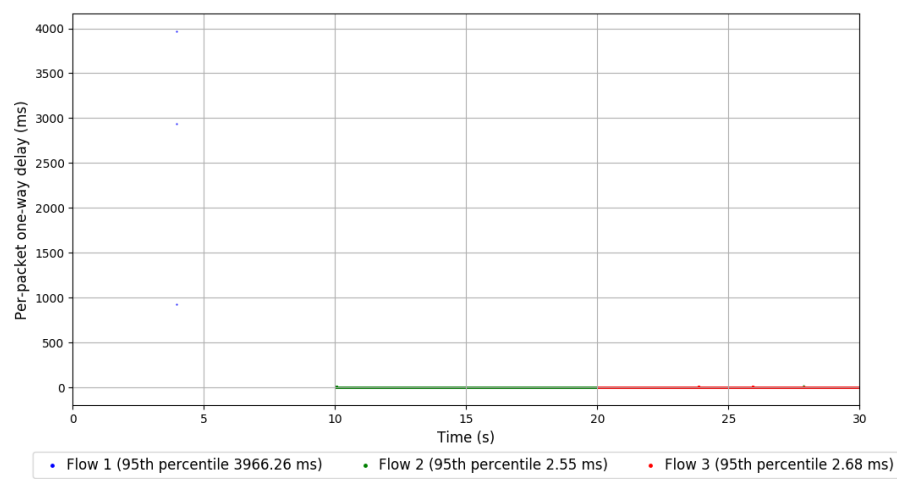
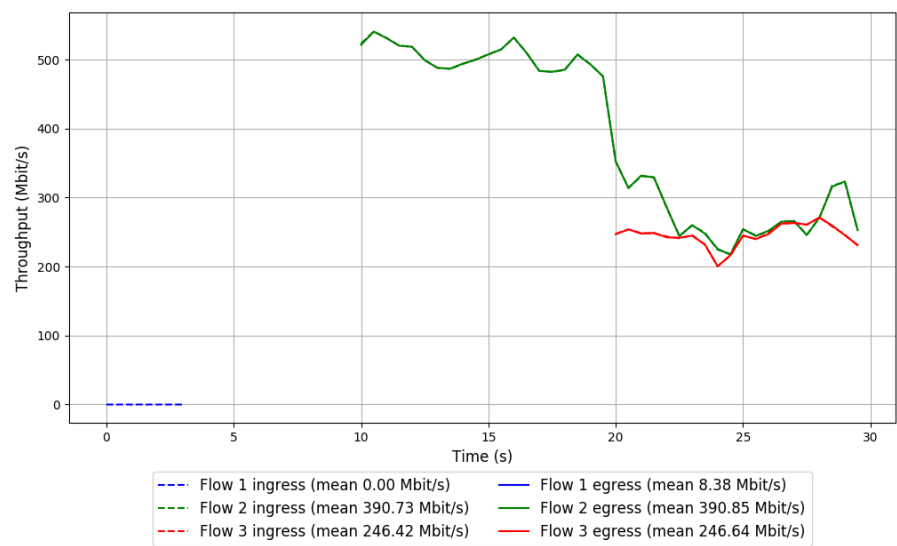


Run 7: Statistics of TCP Vegas

Start at: 2017-09-08 03:11:37
End at: 2017-09-08 03:12:07
Local clock offset: -2.697 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2017-09-08 08:03:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 394.20 Mbit/s
95th percentile per-packet one-way delay: 2.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.38 Mbit/s
95th percentile per-packet one-way delay: 3966.255 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 390.85 Mbit/s
95th percentile per-packet one-way delay: 2.551 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 246.64 Mbit/s
95th percentile per-packet one-way delay: 2.682 ms
Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link

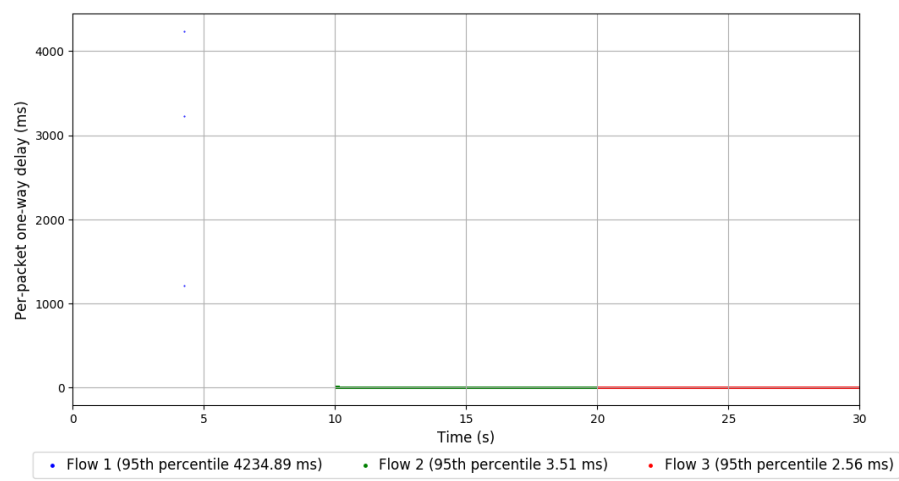
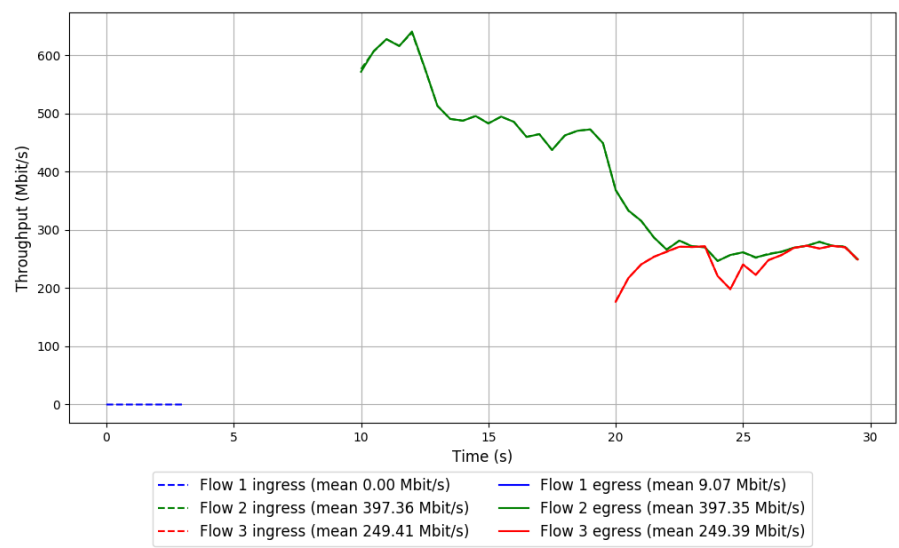


Run 8: Statistics of TCP Vegas

Start at: 2017-09-08 03:31:29
End at: 2017-09-08 03:31:59
Local clock offset: -2.77 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2017-09-08 08:04:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 404.38 Mbit/s
95th percentile per-packet one-way delay: 3.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 4234.891 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 397.35 Mbit/s
95th percentile per-packet one-way delay: 3.514 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 249.39 Mbit/s
95th percentile per-packet one-way delay: 2.564 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

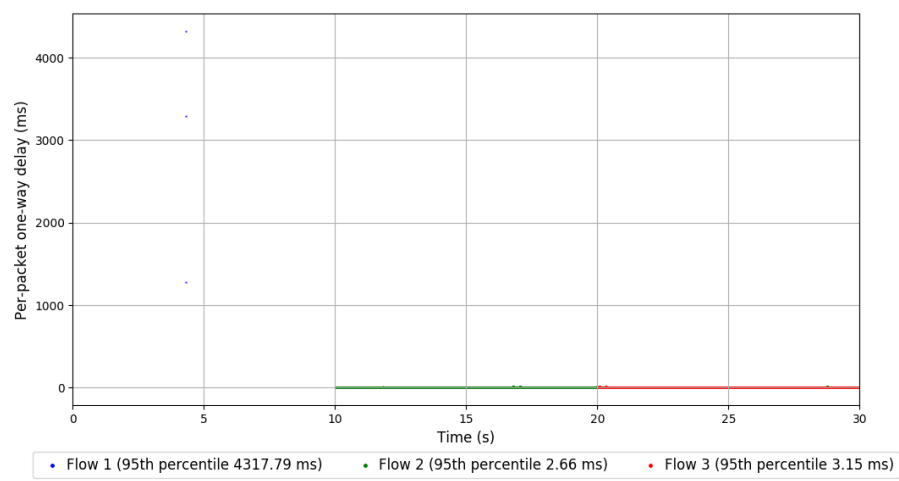
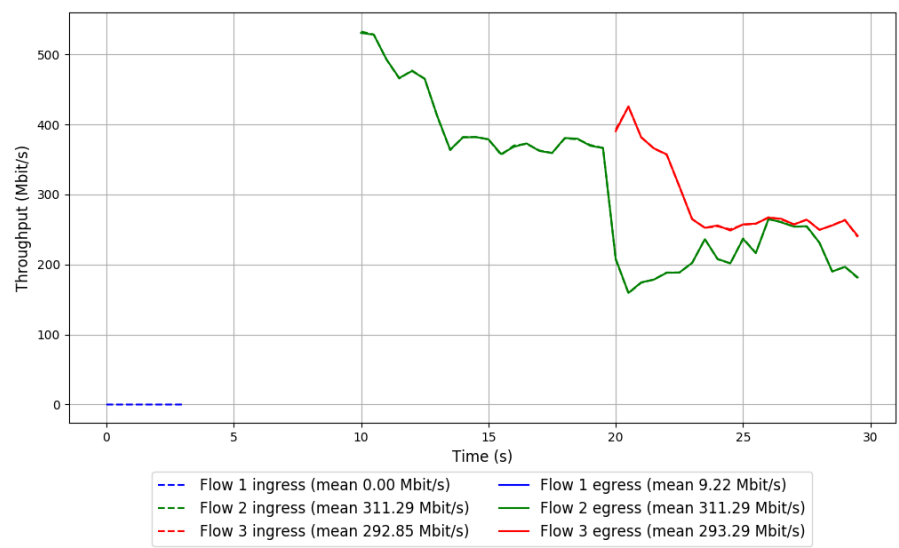


Run 9: Statistics of TCP Vegas

Start at: 2017-09-08 03:51:19
End at: 2017-09-08 03:51:49
Local clock offset: -2.913 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-08 08:04:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 355.96 Mbit/s
95th percentile per-packet one-way delay: 2.794 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 4317.786 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 311.29 Mbit/s
95th percentile per-packet one-way delay: 2.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 293.29 Mbit/s
95th percentile per-packet one-way delay: 3.150 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

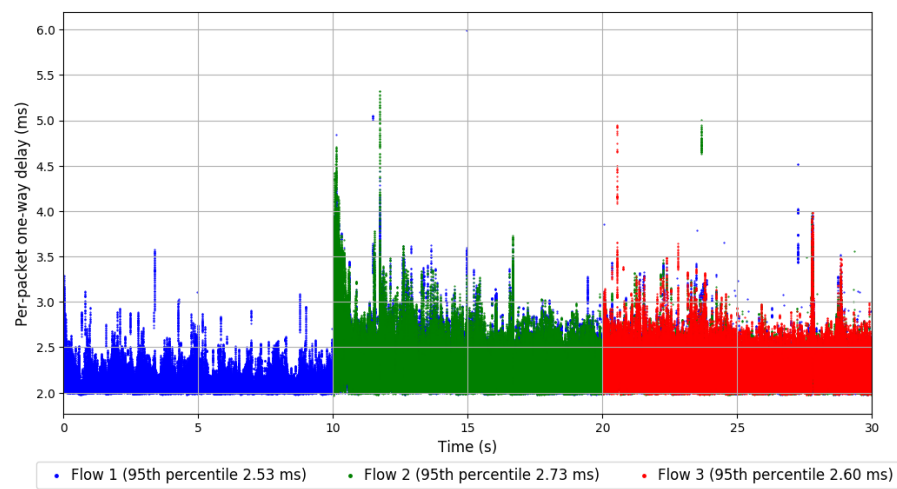
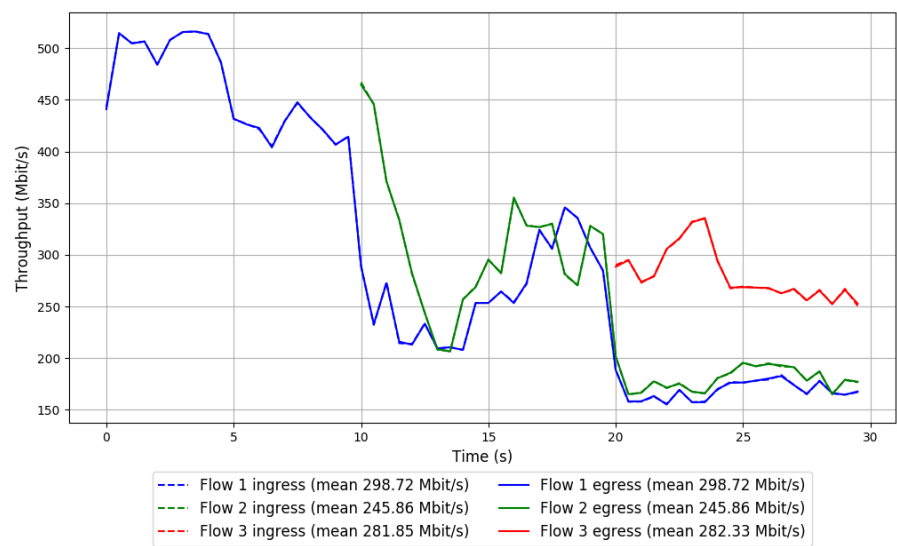


Run 10: Statistics of TCP Vegas

Start at: 2017-09-08 04:10:48
End at: 2017-09-08 04:11:18
Local clock offset: -3.043 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2017-09-08 08:05:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 556.16 Mbit/s
95th percentile per-packet one-way delay: 2.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 298.72 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 245.86 Mbit/s
95th percentile per-packet one-way delay: 2.728 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 282.33 Mbit/s
95th percentile per-packet one-way delay: 2.605 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-09-08 01:22:33

End at: 2017-09-08 01:23:03

Local clock offset: -3.03 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2017-09-08 08:05:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 217.50 Mbit/s

95th percentile per-packet one-way delay: 3.776 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 126.85 Mbit/s

95th percentile per-packet one-way delay: 3.629 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 92.28 Mbit/s

95th percentile per-packet one-way delay: 3.692 ms

Loss rate: 0.24%

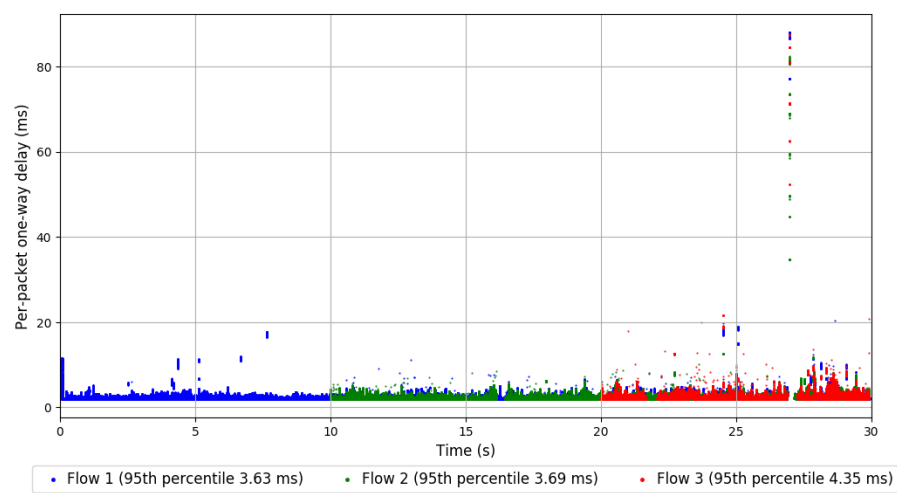
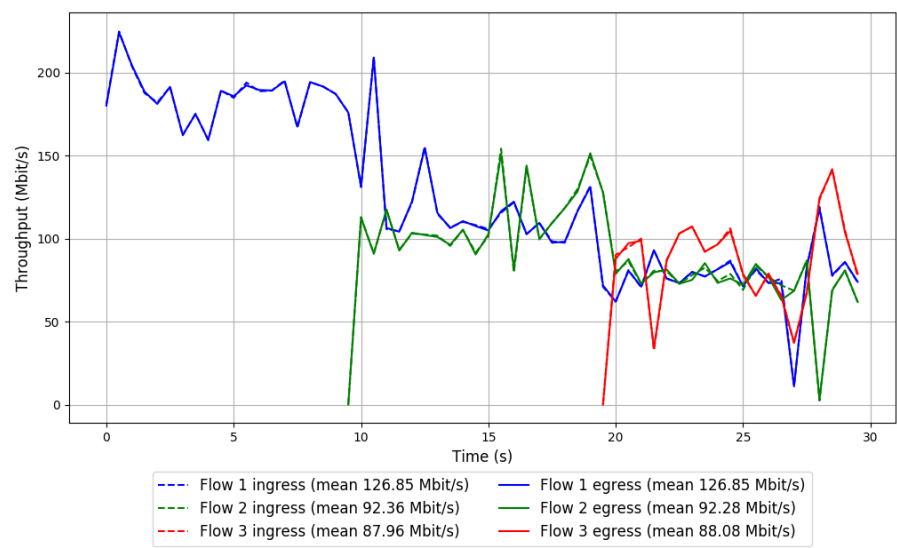
-- Flow 3:

Average throughput: 88.08 Mbit/s

95th percentile per-packet one-way delay: 4.349 ms

Loss rate: 0.04%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

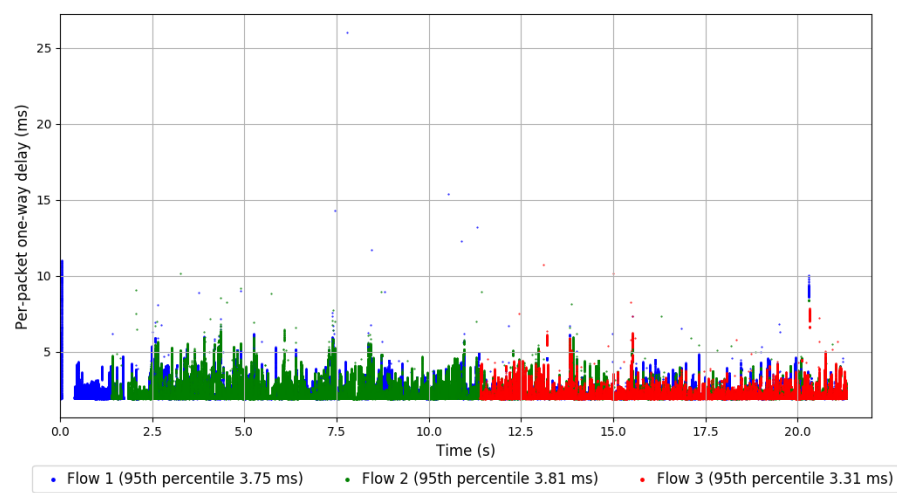
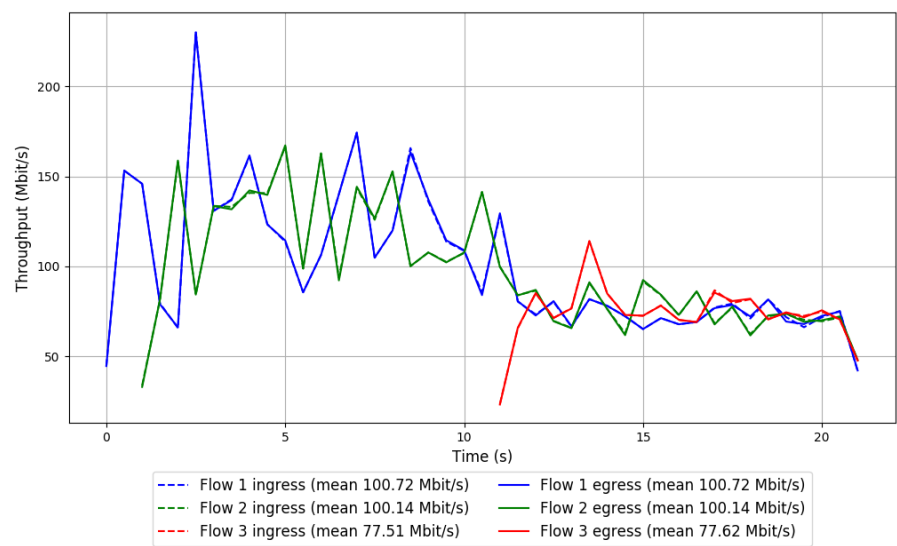
Start at: 2017-09-08 01:42:19

End at: 2017-09-08 01:42:49

Local clock offset: -2.915 ms

Remote clock offset: -0.157 ms

Run 2: Report of Verus — Data Link

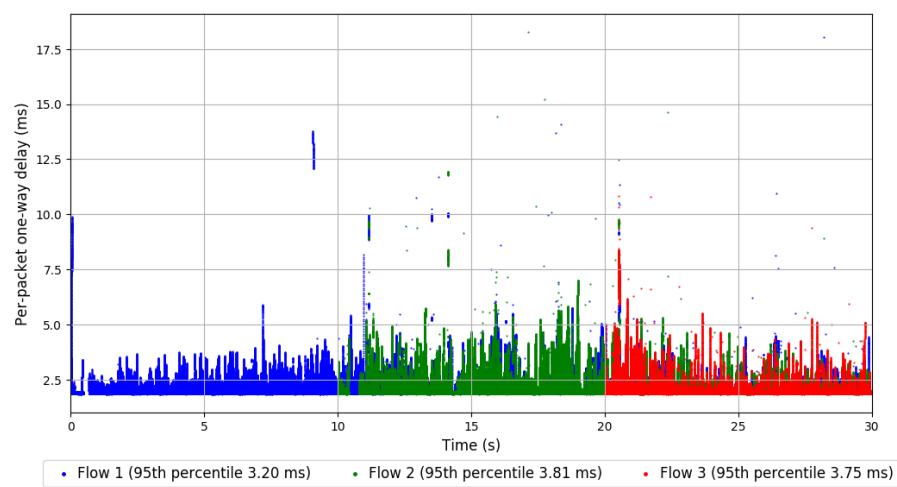
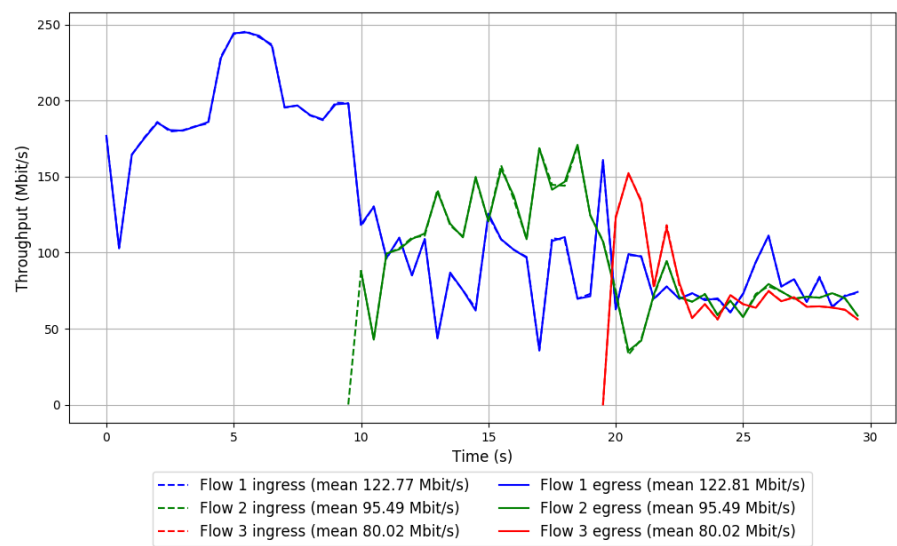


Run 3: Statistics of Verus

Start at: 2017-09-08 02:02:20
End at: 2017-09-08 02:02:50
Local clock offset: -2.74 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2017-09-08 08:05:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 212.94 Mbit/s
95th percentile per-packet one-way delay: 3.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.81 Mbit/s
95th percentile per-packet one-way delay: 3.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 3.806 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.02 Mbit/s
95th percentile per-packet one-way delay: 3.755 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

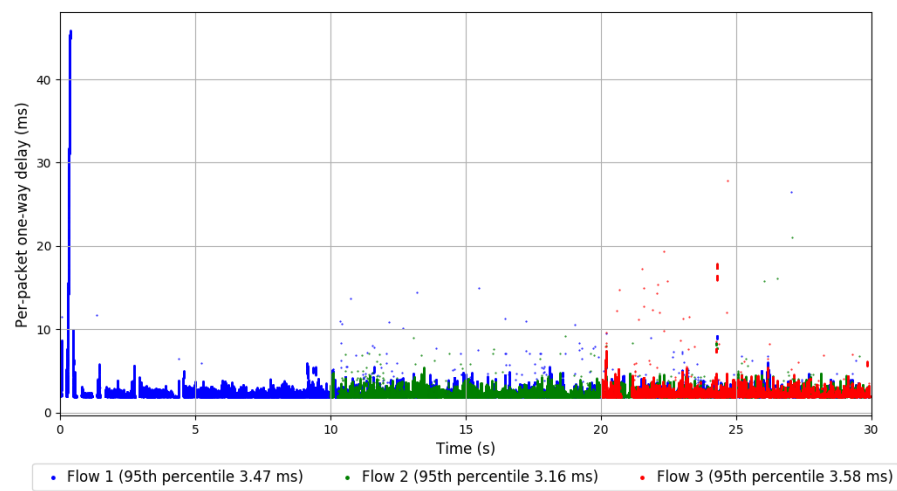
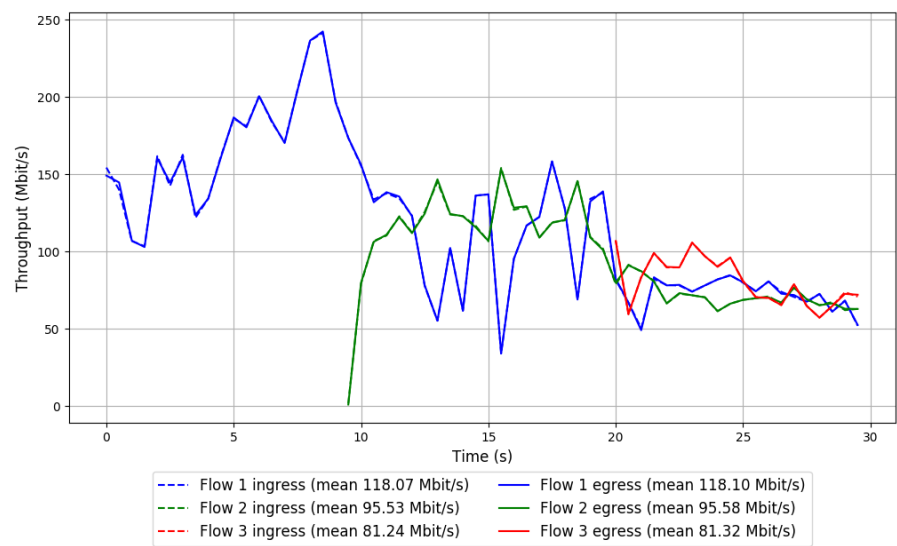


Run 4: Statistics of Verus

Start at: 2017-09-08 02:22:30
End at: 2017-09-08 02:23:00
Local clock offset: -2.698 ms
Remote clock offset: -0.073 ms

Below is generated by plot.py at 2017-09-08 08:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 208.75 Mbit/s
95th percentile per-packet one-way delay: 3.384 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.10 Mbit/s
95th percentile per-packet one-way delay: 3.473 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 3.161 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 81.32 Mbit/s
95th percentile per-packet one-way delay: 3.580 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

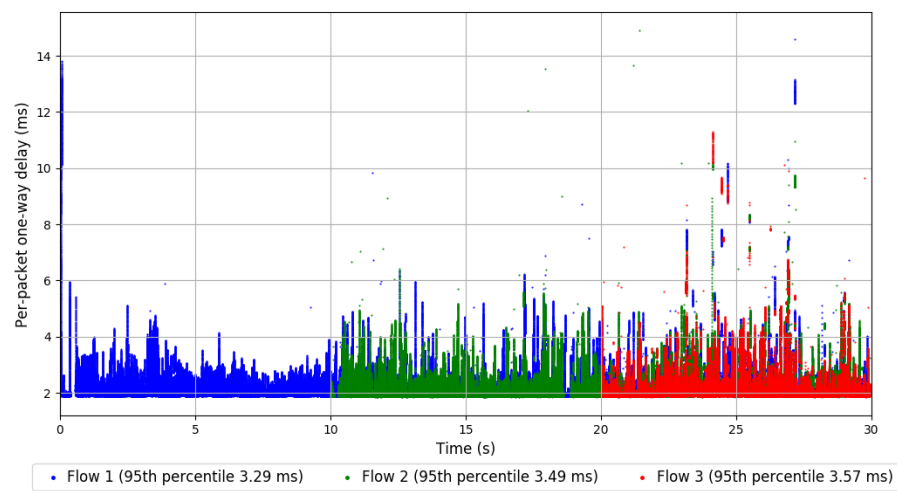
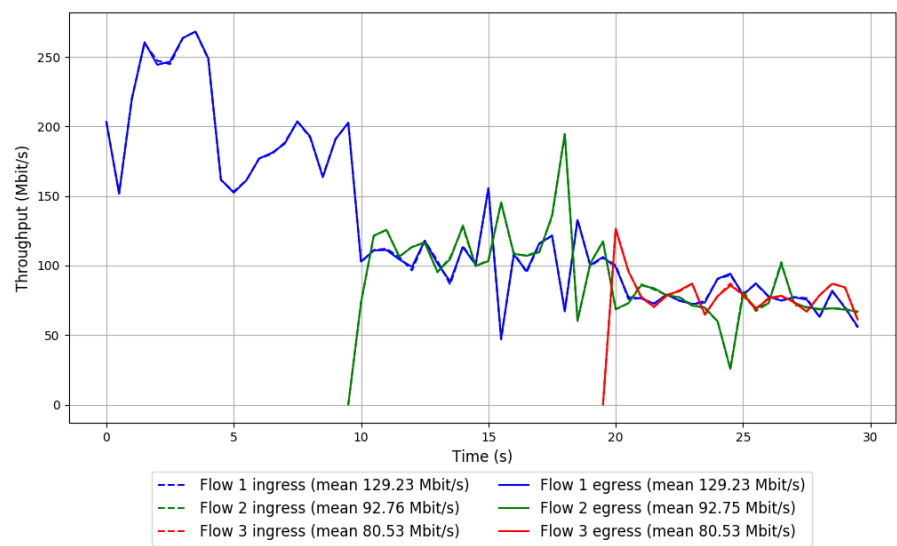


Run 5: Statistics of Verus

Start at: 2017-09-08 02:42:37
End at: 2017-09-08 02:43:07
Local clock offset: -2.687 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2017-09-08 08:06:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 217.70 Mbit/s
95th percentile per-packet one-way delay: 3.395 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 129.23 Mbit/s
95th percentile per-packet one-way delay: 3.292 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 3.489 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.53 Mbit/s
95th percentile per-packet one-way delay: 3.574 ms
Loss rate: 0.00%

Run 5: Report of Verus — Data Link

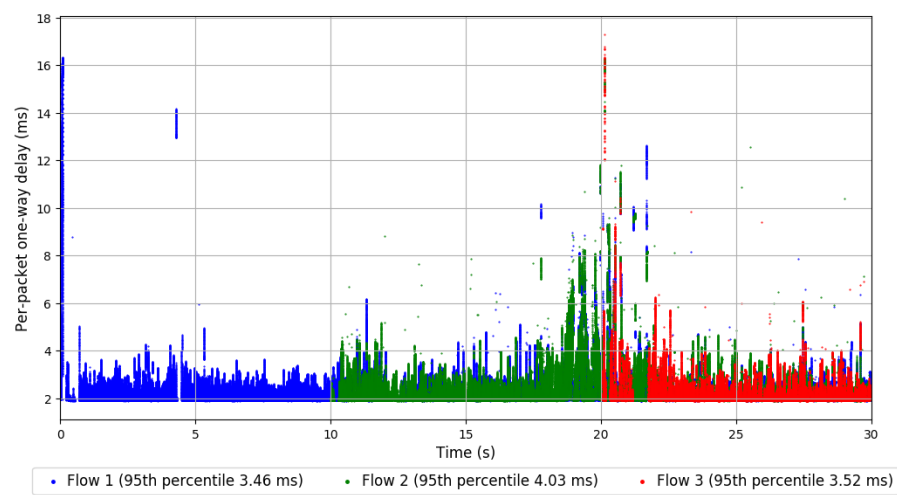
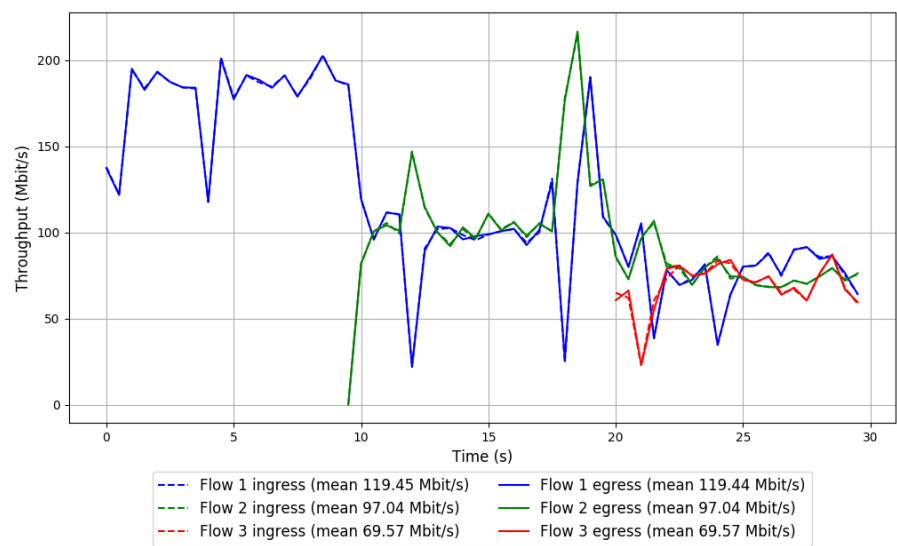


Run 6: Statistics of Verus

Start at: 2017-09-08 03:02:42
End at: 2017-09-08 03:03:12
Local clock offset: -2.685 ms
Remote clock offset: -0.06 ms

Below is generated by plot.py at 2017-09-08 08:06:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 207.14 Mbit/s
95th percentile per-packet one-way delay: 3.729 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 119.44 Mbit/s
95th percentile per-packet one-way delay: 3.458 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 4.032 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.57 Mbit/s
95th percentile per-packet one-way delay: 3.519 ms
Loss rate: 0.00%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-09-08 03:22:26

End at: 2017-09-08 03:22:56

Local clock offset: -2.754 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2017-09-08 08:06:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 221.78 Mbit/s

95th percentile per-packet one-way delay: 3.567 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 108.06 Mbit/s

95th percentile per-packet one-way delay: 3.404 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 100.72 Mbit/s

95th percentile per-packet one-way delay: 3.770 ms

Loss rate: 0.00%

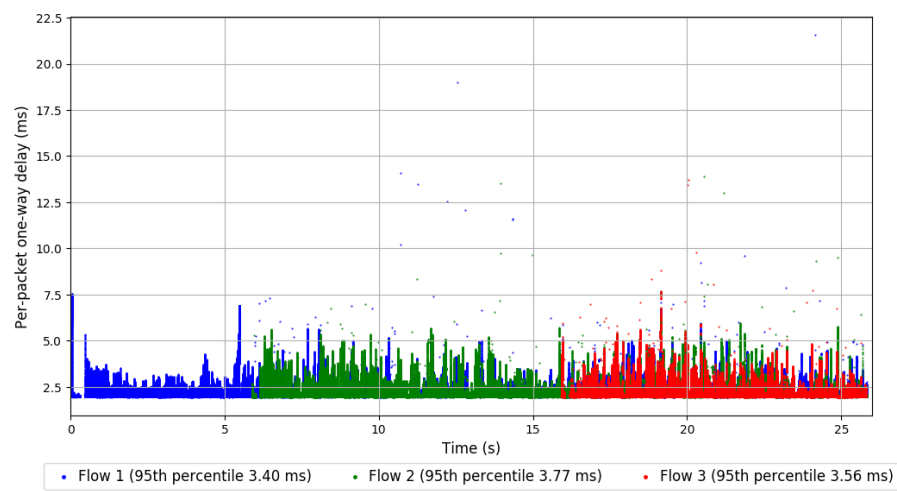
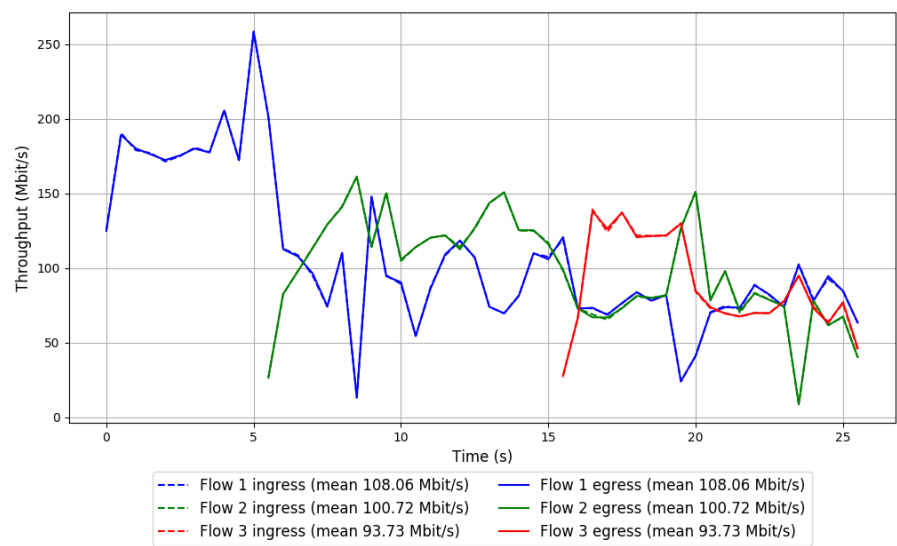
-- Flow 3:

Average throughput: 93.73 Mbit/s

95th percentile per-packet one-way delay: 3.557 ms

Loss rate: 0.00%

Run 7: Report of Verus — Data Link

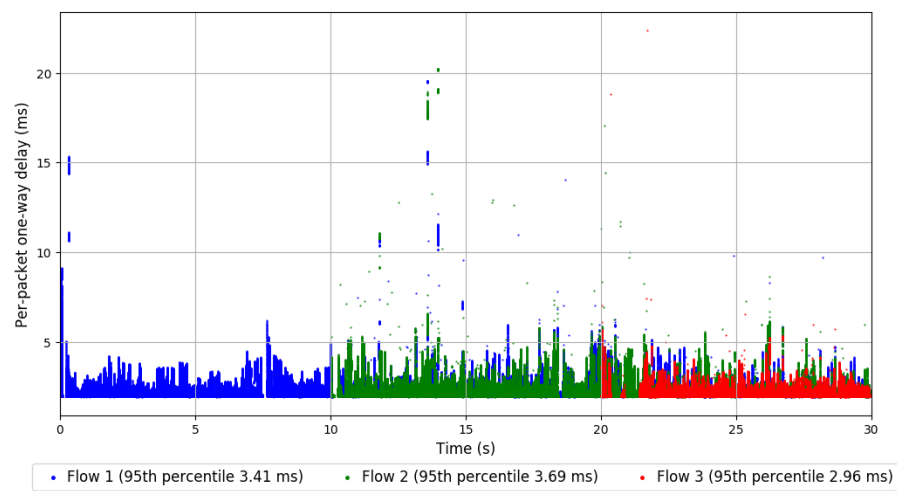
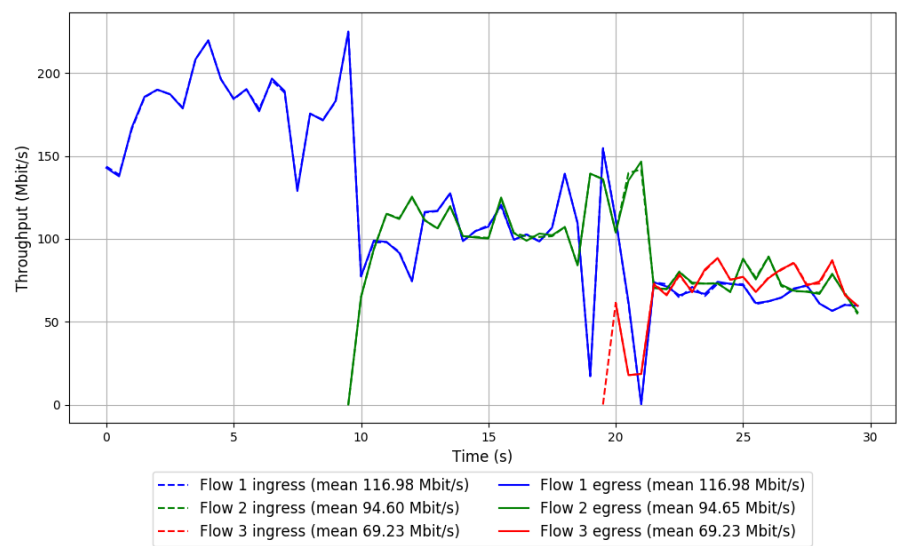


Run 8: Statistics of Verus

Start at: 2017-09-08 03:42:19
End at: 2017-09-08 03:42:49
Local clock offset: -2.972 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2017-09-08 08:06:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 202.98 Mbit/s
95th percentile per-packet one-way delay: 3.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.98 Mbit/s
95th percentile per-packet one-way delay: 3.409 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 3.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.23 Mbit/s
95th percentile per-packet one-way delay: 2.961 ms
Loss rate: 0.00%

Run 8: Report of Verus — Data Link

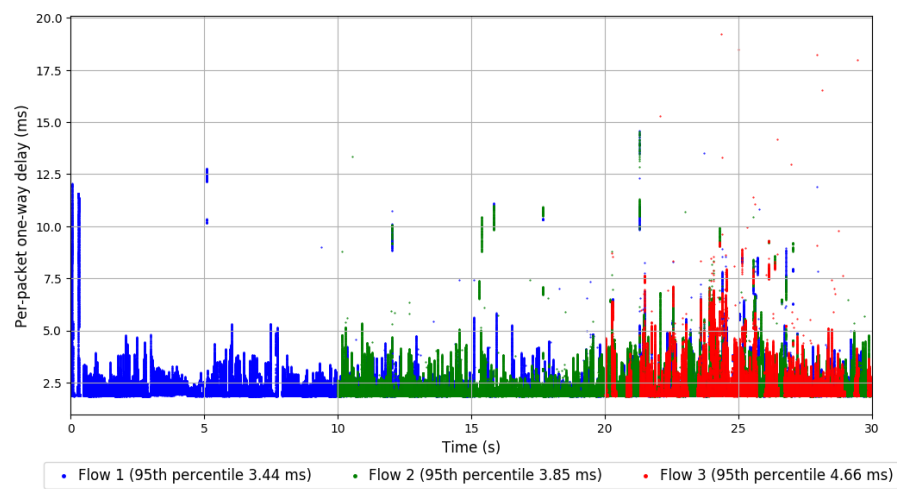
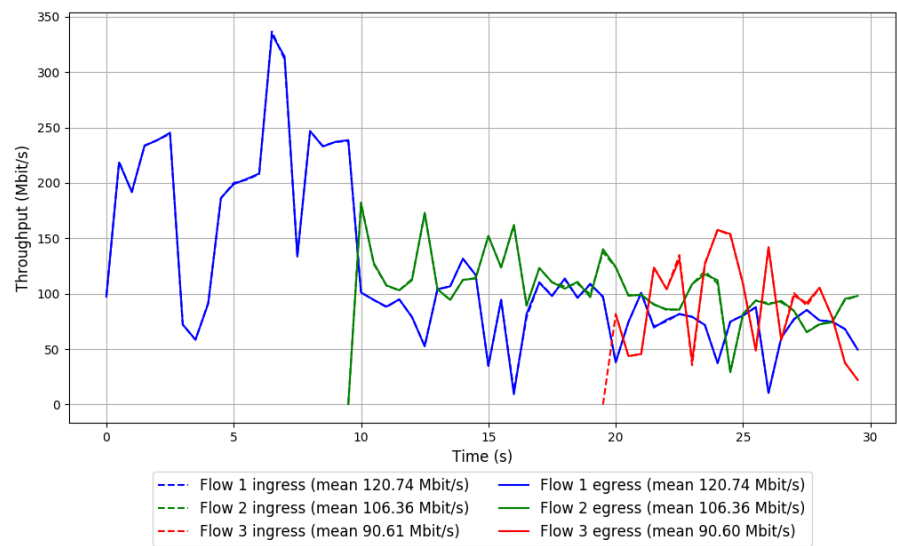


Run 9: Statistics of Verus

Start at: 2017-09-08 04:01:37
End at: 2017-09-08 04:02:07
Local clock offset: -2.905 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2017-09-08 08:07:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 220.71 Mbit/s
95th percentile per-packet one-way delay: 3.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 120.74 Mbit/s
95th percentile per-packet one-way delay: 3.445 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.36 Mbit/s
95th percentile per-packet one-way delay: 3.846 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 4.656 ms
Loss rate: 0.00%

Run 9: Report of Verus — Data Link

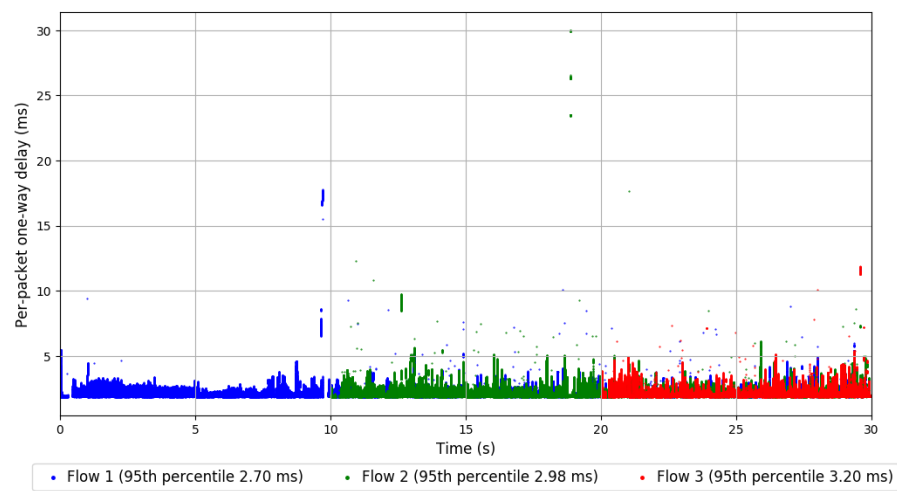
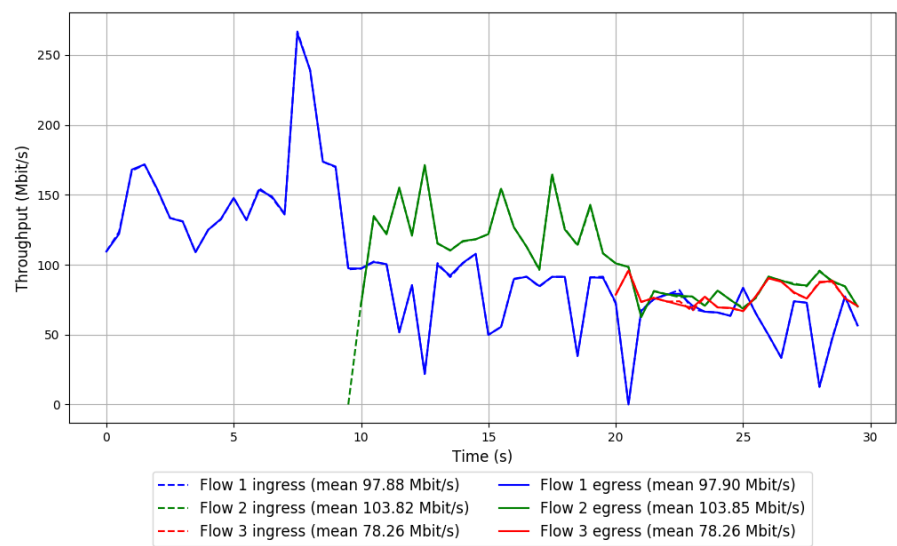


Run 10: Statistics of Verus

Start at: 2017-09-08 04:21:31
End at: 2017-09-08 04:22:01
Local clock offset: -2.944 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2017-09-08 08:07:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 193.00 Mbit/s
95th percentile per-packet one-way delay: 2.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.90 Mbit/s
95th percentile per-packet one-way delay: 2.697 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.85 Mbit/s
95th percentile per-packet one-way delay: 2.985 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 78.26 Mbit/s
95th percentile per-packet one-way delay: 3.199 ms
Loss rate: 0.00%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-08 01:25:07

End at: 2017-09-08 01:25:37

Local clock offset: -2.915 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2017-09-08 08:07:09

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.12 Mbit/s

95th percentile per-packet one-way delay: 2.430 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 2.390 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.38 Mbit/s

95th percentile per-packet one-way delay: 2.468 ms

Loss rate: 0.00%

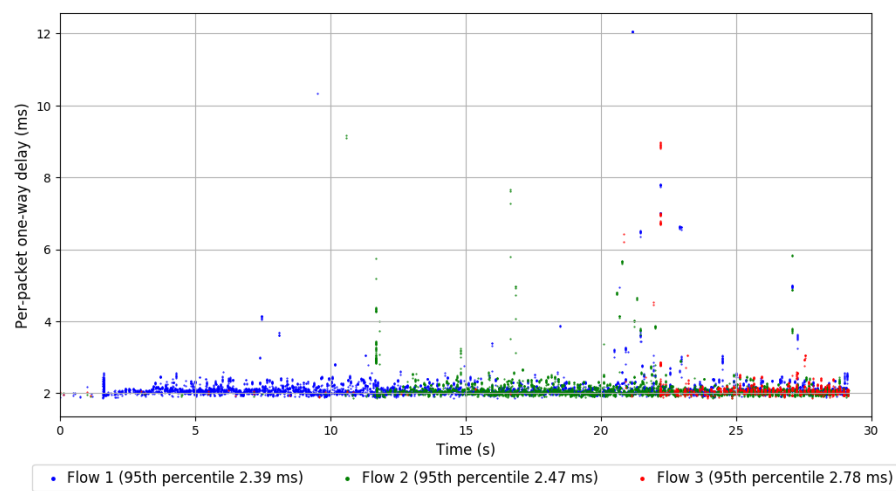
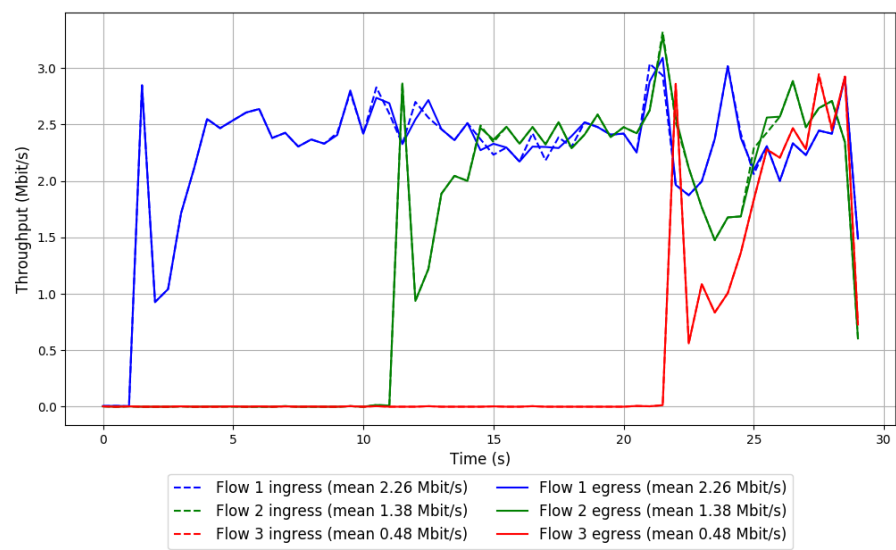
-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 2.777 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

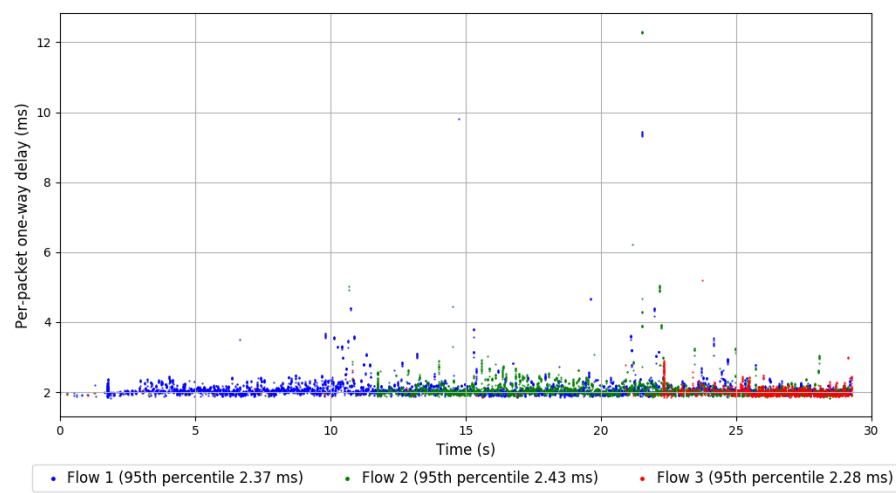
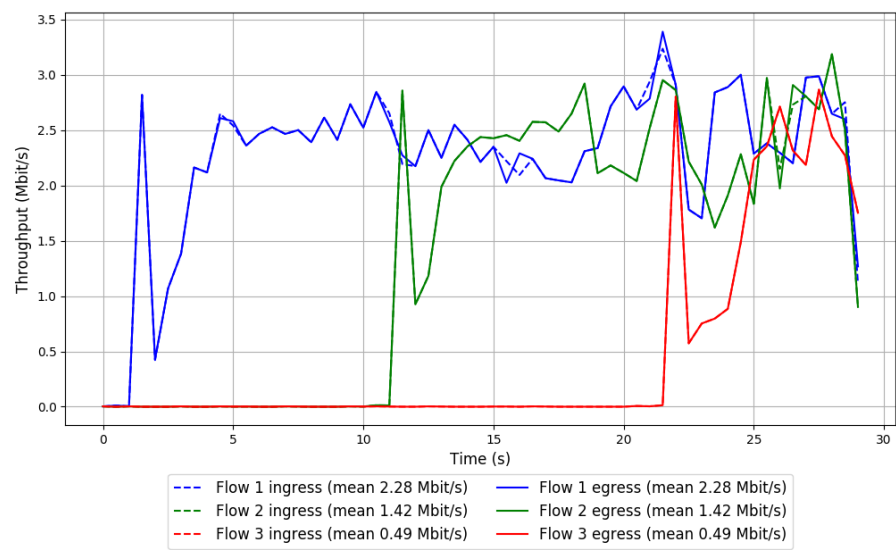


Run 2: Statistics of WebRTC media

Start at: 2017-09-08 01:44:50
End at: 2017-09-08 01:45:20
Local clock offset: -2.89 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2017-09-08 08:07:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 2.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 2.428 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

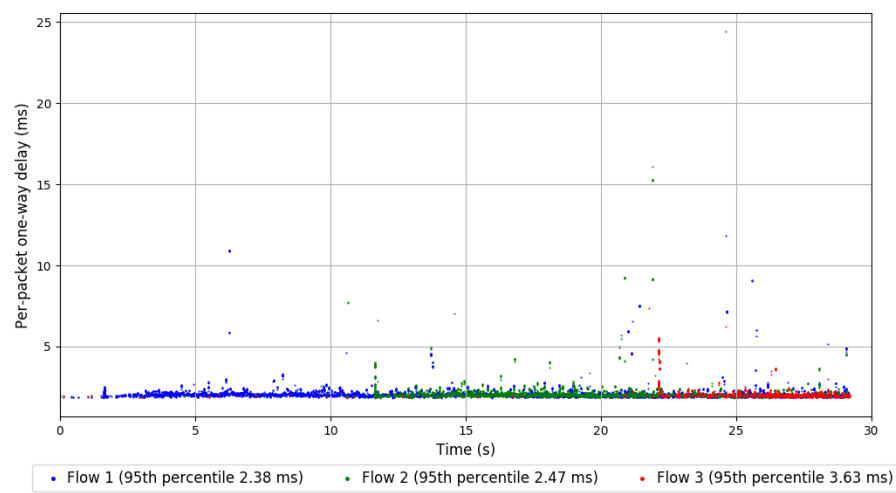
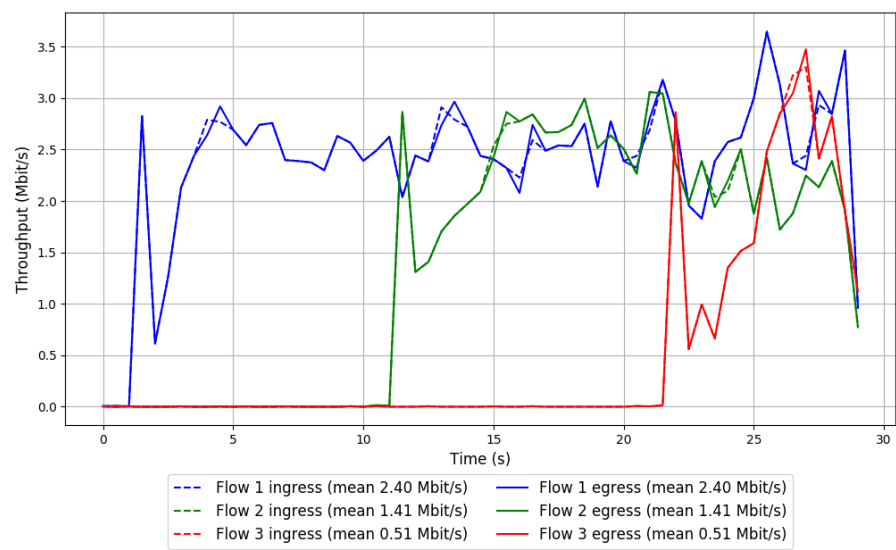


Run 3: Statistics of WebRTC media

Start at: 2017-09-08 02:04:54
End at: 2017-09-08 02:05:24
Local clock offset: -2.722 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2017-09-08 08:07:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 2.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 2.378 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 3.631 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

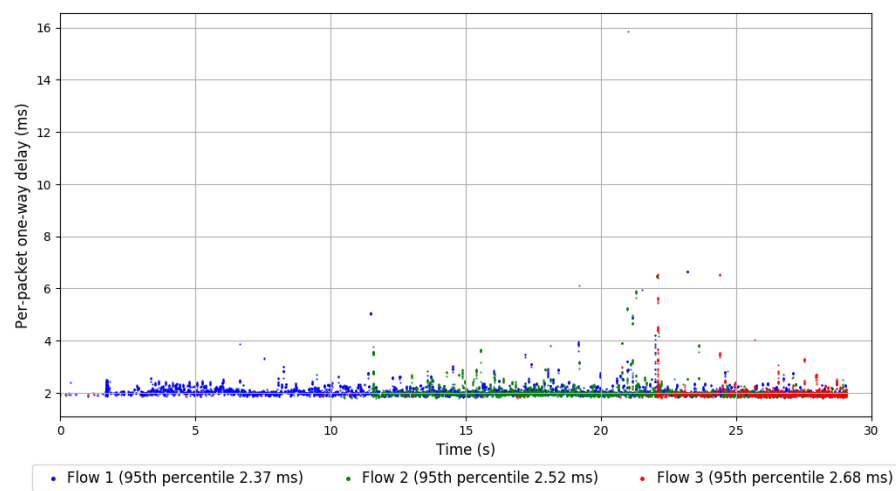
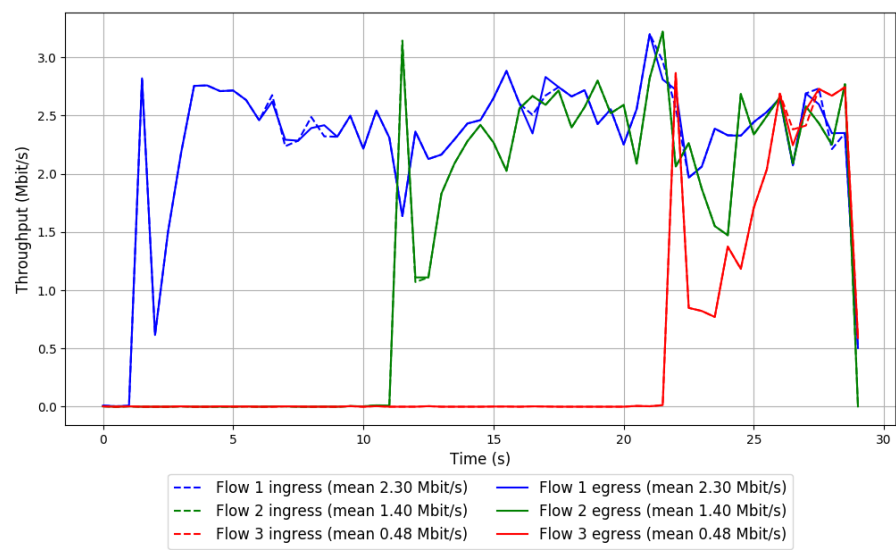


Run 4: Statistics of WebRTC media

Start at: 2017-09-08 02:25:03
End at: 2017-09-08 02:25:33
Local clock offset: -2.674 ms
Remote clock offset: -0.098 ms

```
# Below is generated by plot.py at 2017-09-08 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 2.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 2.517 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 2.683 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

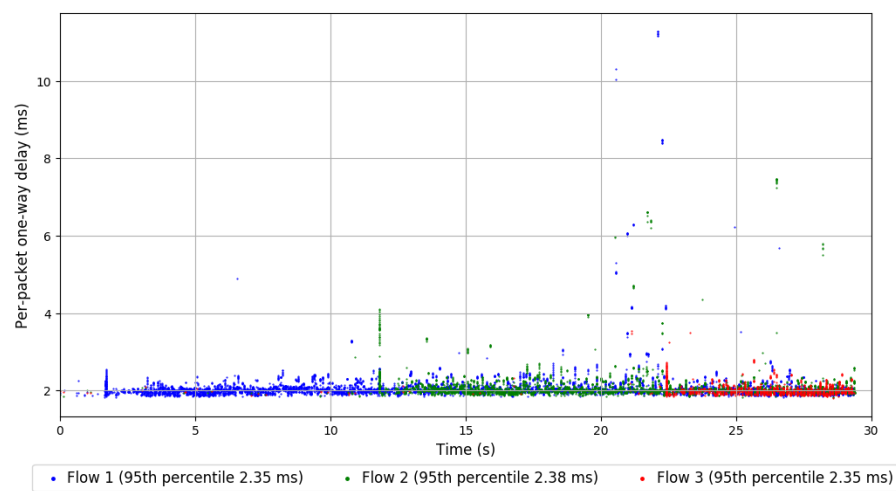
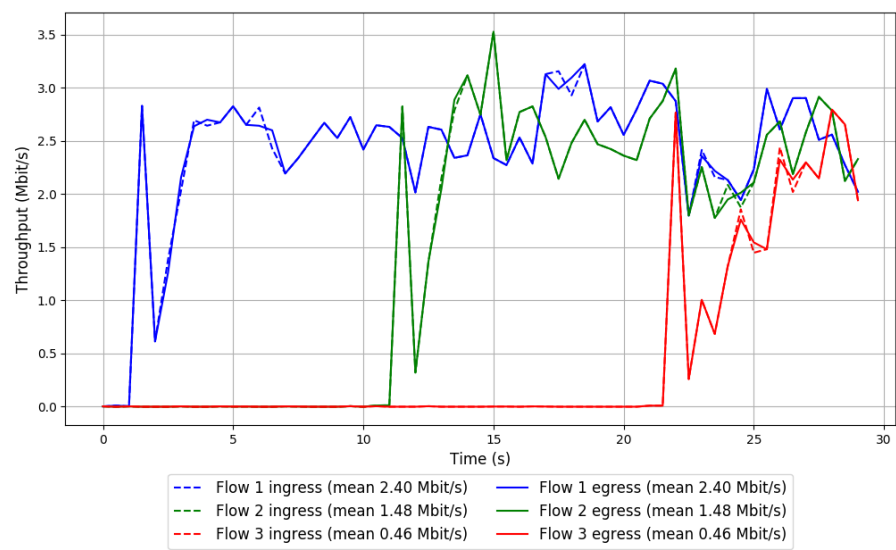


Run 5: Statistics of WebRTC media

Start at: 2017-09-08 02:45:11
End at: 2017-09-08 02:45:41
Local clock offset: -2.584 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2017-09-08 08:07:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 2.356 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 2.382 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 2.350 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-09-08 03:05:16

End at: 2017-09-08 03:05:46

Local clock offset: -2.679 ms

Remote clock offset: 0.002 ms

Below is generated by plot.py at 2017-09-08 08:07:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 2.444 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 2.414 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: 2.477 ms

Loss rate: 0.00%

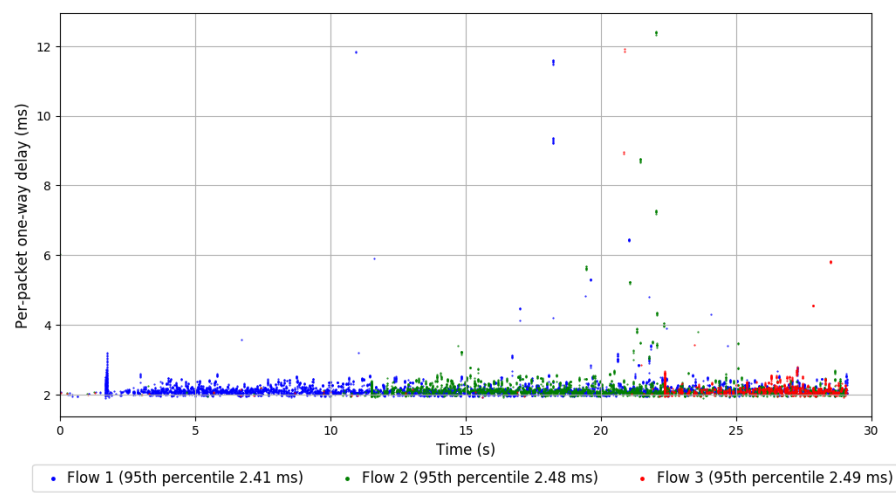
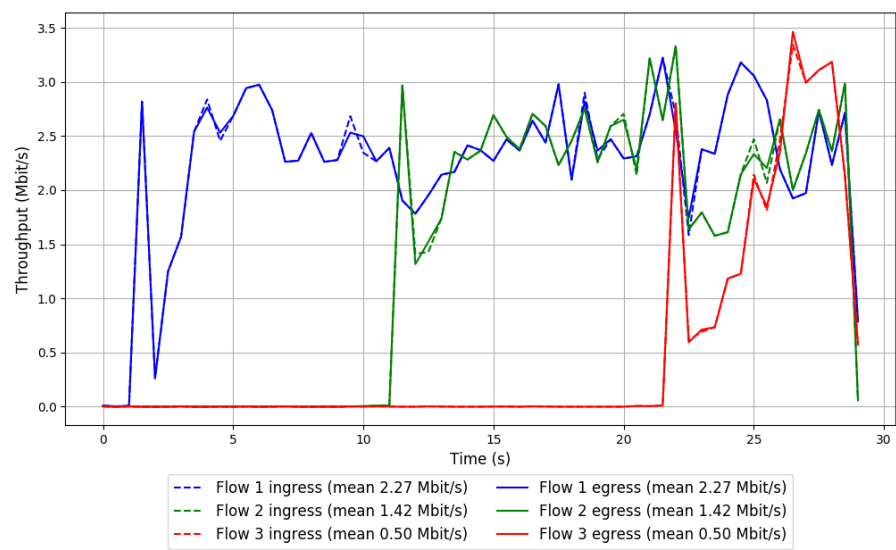
-- Flow 3:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 2.486 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

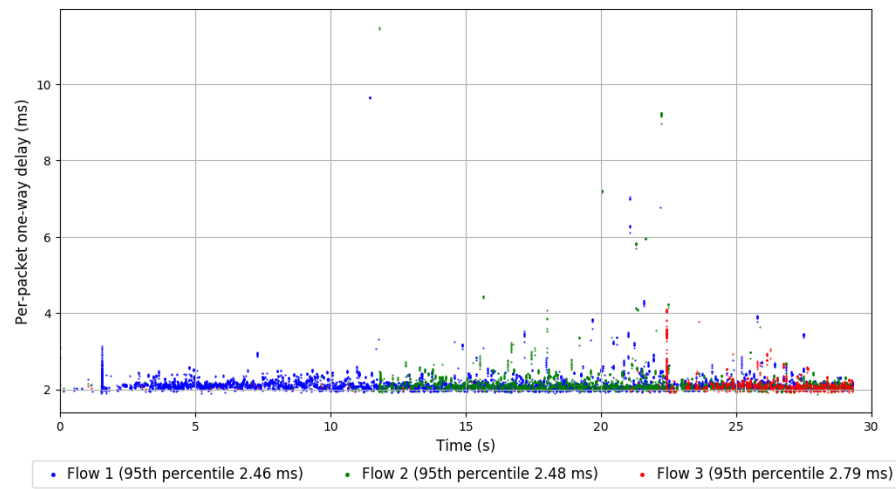
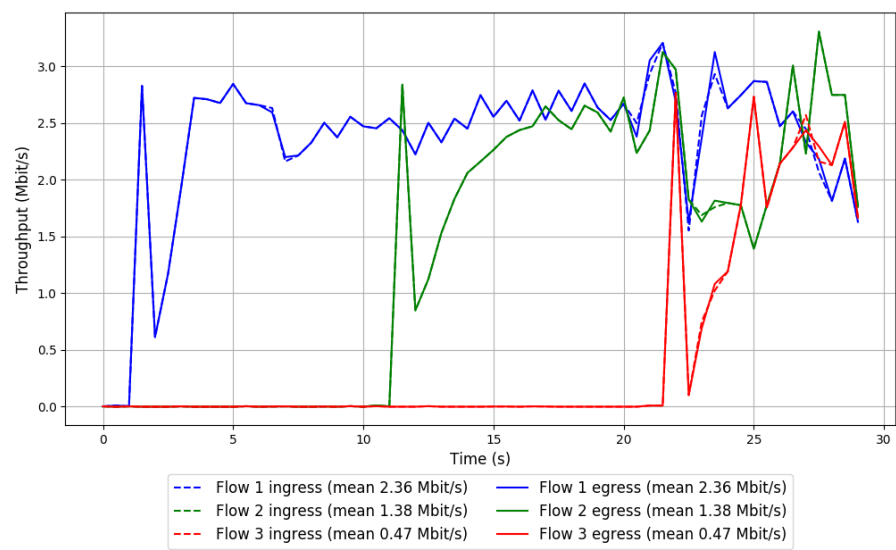


Run 7: Statistics of WebRTC media

Start at: 2017-09-08 03:25:00
End at: 2017-09-08 03:25:30
Local clock offset: -2.774 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2017-09-08 08:07:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 2.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.465 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.38 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

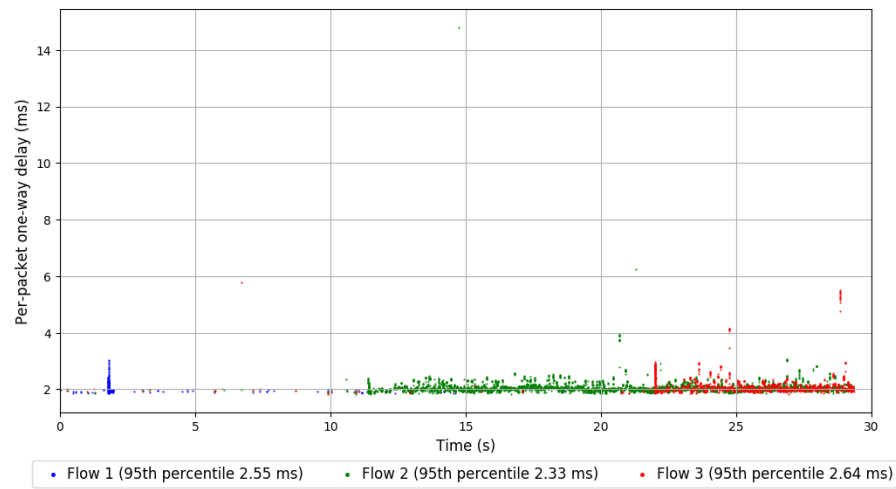
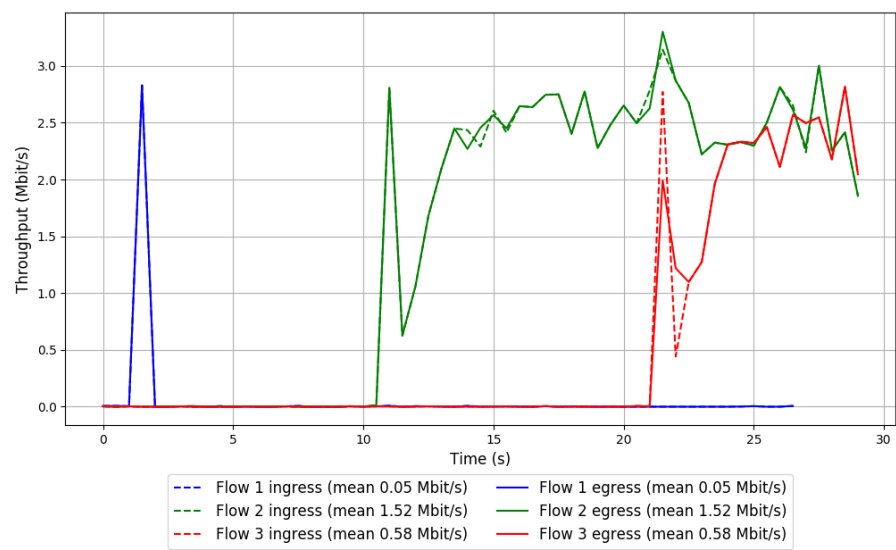


Run 8: Statistics of WebRTC media

Start at: 2017-09-08 03:44:52
End at: 2017-09-08 03:45:22
Local clock offset: -2.909 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2017-09-08 08:07:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 2.386 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.552 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 2.638 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

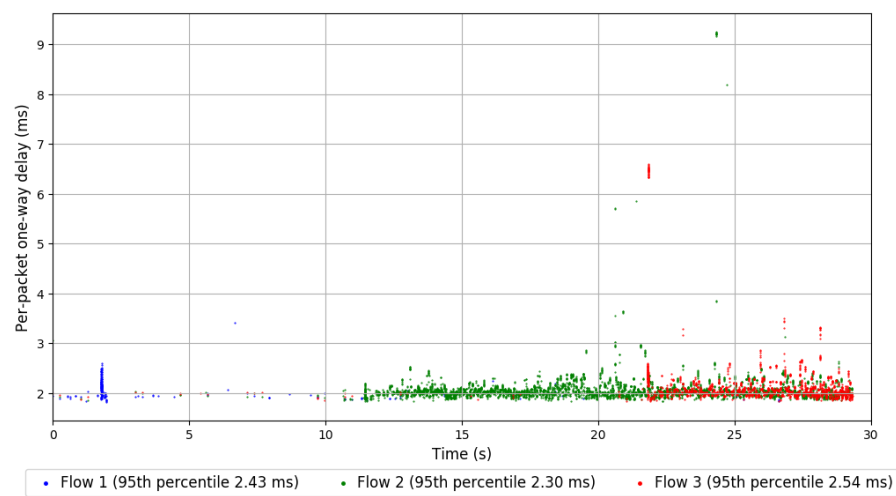
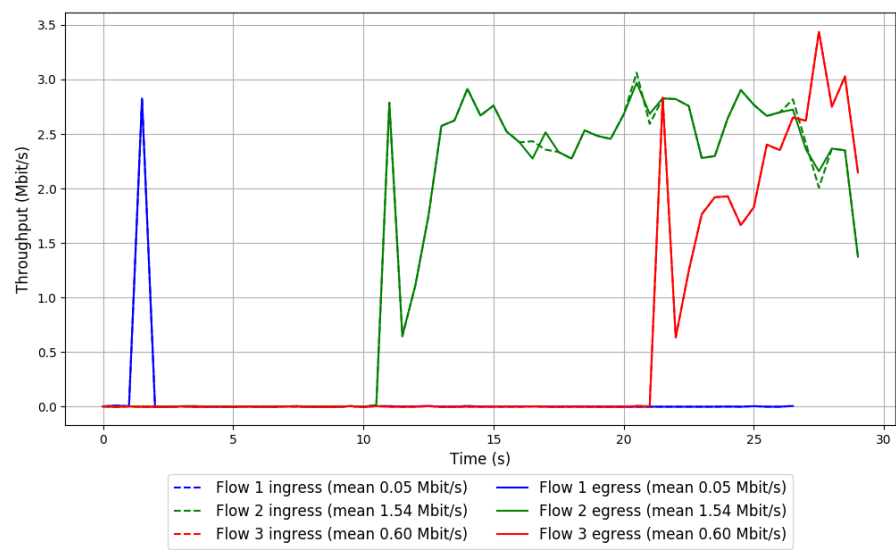


Run 9: Statistics of WebRTC media

Start at: 2017-09-08 04:04:11
End at: 2017-09-08 04:04:41
Local clock offset: -2.911 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2017-09-08 08:07:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 2.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2.432 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 2.301 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-08 04:24:03
End at: 2017-09-08 04:24:33
Local clock offset: -3.017 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2017-09-08 08:07:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 14.042 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 2.426 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 15.344 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 3.054 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

