

Pantheon Report

Generated at 2017-12-01 01:21:55 (UTC).

Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).

Repeated the test of 14 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).

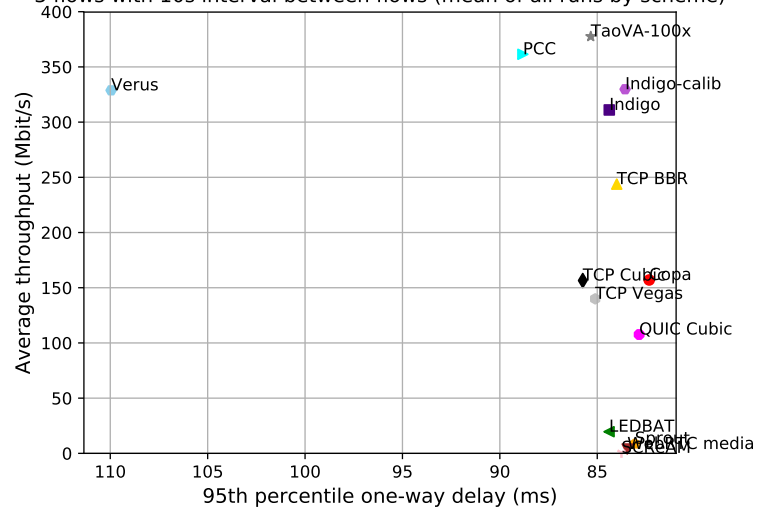
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

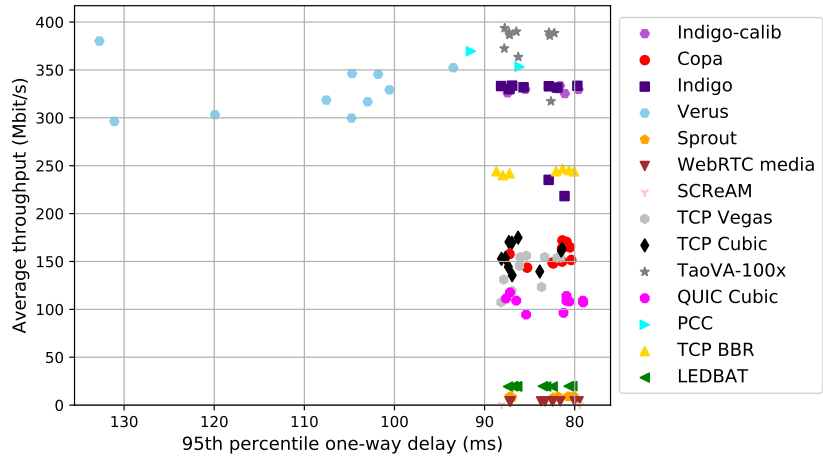
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



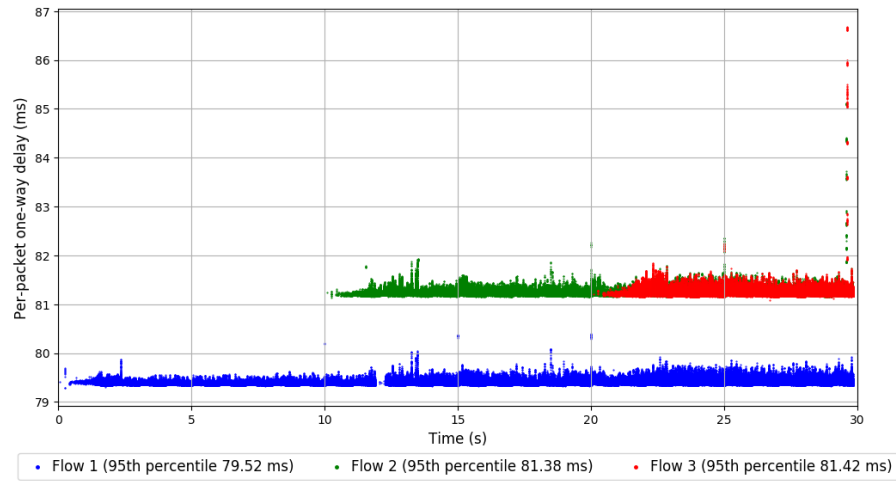
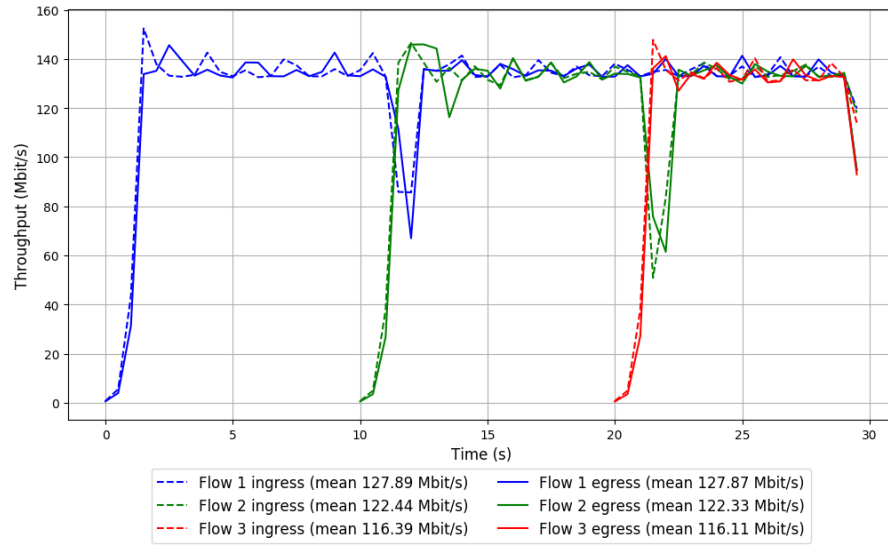
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	7	124.40	122.63	116.27	83.18	83.10	83.12	0.61	0.93	1.97
TCP Cubic	10	80.74	76.76	76.03	85.54	84.44	86.21	0.60	1.15	1.87
LEDBAT	10	12.70	8.46	4.05	83.83	83.06	83.23	1.13	1.70	3.44
PCC	2	222.69	136.72	147.03	89.44	87.33	86.04	10.91	18.62	11.34
QUIC Cubic	10	61.02	54.09	32.92	81.72	82.00	82.41	0.77	0.99	3.54
SCReAM	2	0.22	0.22	0.22	82.98	81.41	83.76	0.52	0.95	1.54
WebRTC media	10	2.15	1.31	0.48	82.14	83.05	81.88	0.73	0.69	2.51
Sprout	9	4.60	4.46	3.71	82.44	82.45	82.88	0.57	0.97	2.47
TaoVA-100x	10	221.19	193.43	115.28	83.89	84.32	84.31	2.07	3.50	8.61
TCP Vegas	10	77.01	64.64	61.31	83.84	84.02	84.92	0.61	0.93	1.93
Verus	10	193.35	163.97	82.04	112.81	107.20	113.50	5.22	8.33	14.33
Copa	10	86.46	78.56	72.31	81.82	81.86	81.80	0.59	1.08	2.37
Indigo	10	160.05	163.85	131.20	83.71	82.51	83.56	3.28	4.30	12.30
Indigo-calib	10	176.64	165.08	136.03	82.91	82.80	82.80	4.49	6.83	15.95

Run 1: Statistics of TCP BBR

Start at: 2017-11-30 17:53:31
End at: 2017-11-30 17:54:01
Local clock offset: 0.361 ms
Remote clock offset: -9.031 ms

Below is generated by plot.py at 2017-12-01 00:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 247.02 Mbit/s
95th percentile per-packet one-way delay: 81.345 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 127.87 Mbit/s
95th percentile per-packet one-way delay: 79.522 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 122.33 Mbit/s
95th percentile per-packet one-way delay: 81.381 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 116.11 Mbit/s
95th percentile per-packet one-way delay: 81.415 ms
Loss rate: 1.93%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-11-30 18:13:29

End at: 2017-11-30 18:13:59

Local clock offset: 0.501 ms

Remote clock offset: -6.96 ms

Below is generated by plot.py at 2017-12-01 00:38:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 244.21 Mbit/s

95th percentile per-packet one-way delay: 82.053 ms

Loss rate: 0.91%

-- Flow 1:

Average throughput: 124.60 Mbit/s

95th percentile per-packet one-way delay: 81.906 ms

Loss rate: 0.60%

-- Flow 2:

Average throughput: 123.09 Mbit/s

95th percentile per-packet one-way delay: 80.668 ms

Loss rate: 0.91%

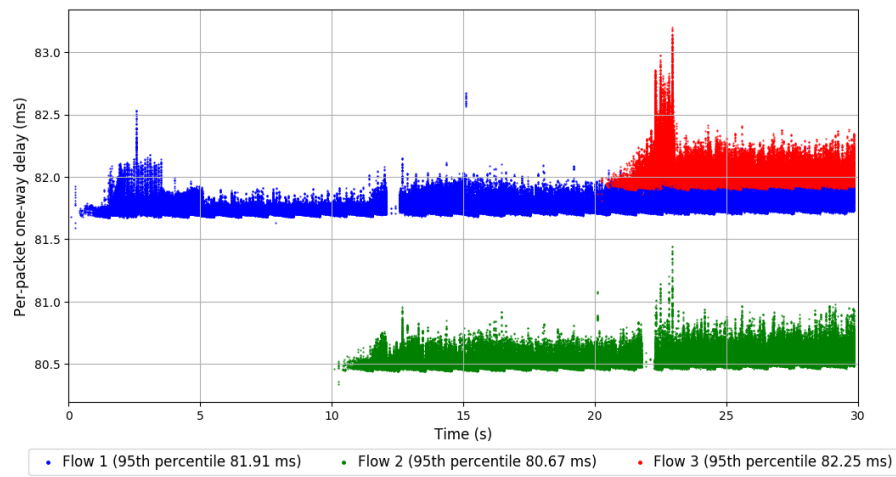
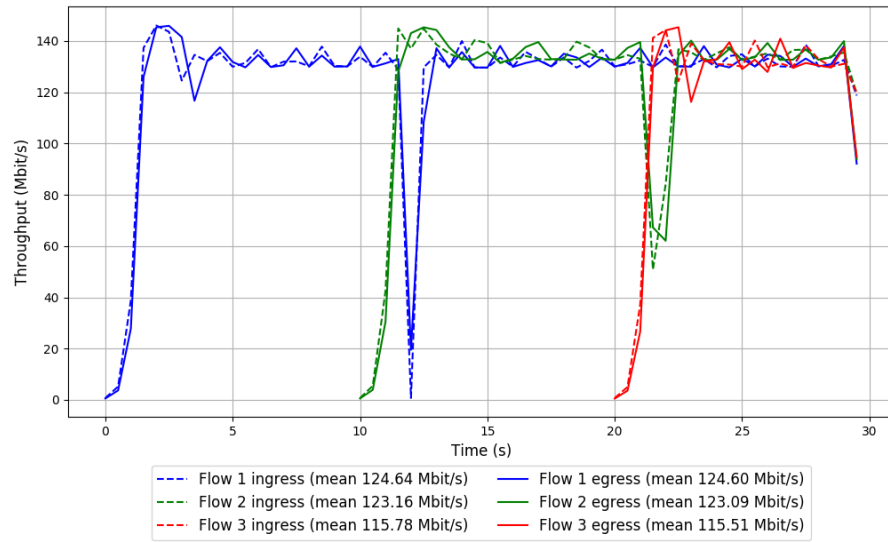
-- Flow 3:

Average throughput: 115.51 Mbit/s

95th percentile per-packet one-way delay: 82.246 ms

Loss rate: 1.96%

Run 2: Report of TCP BBR — Data Link

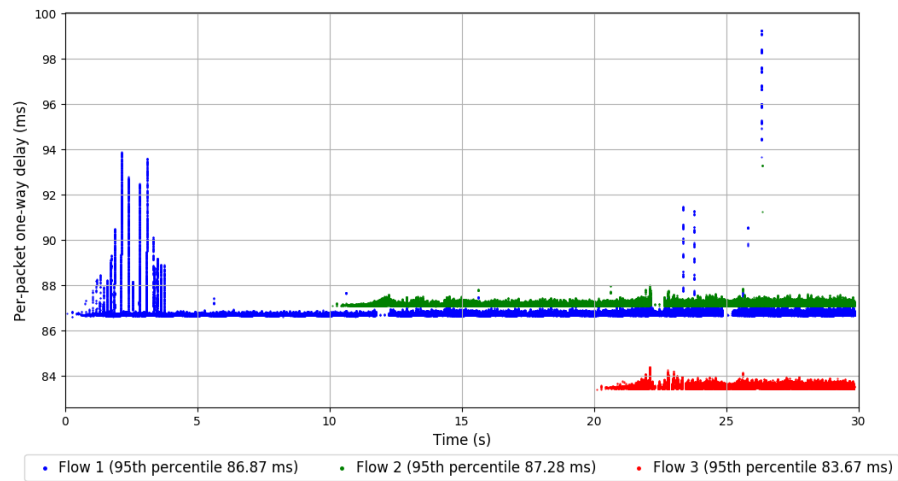
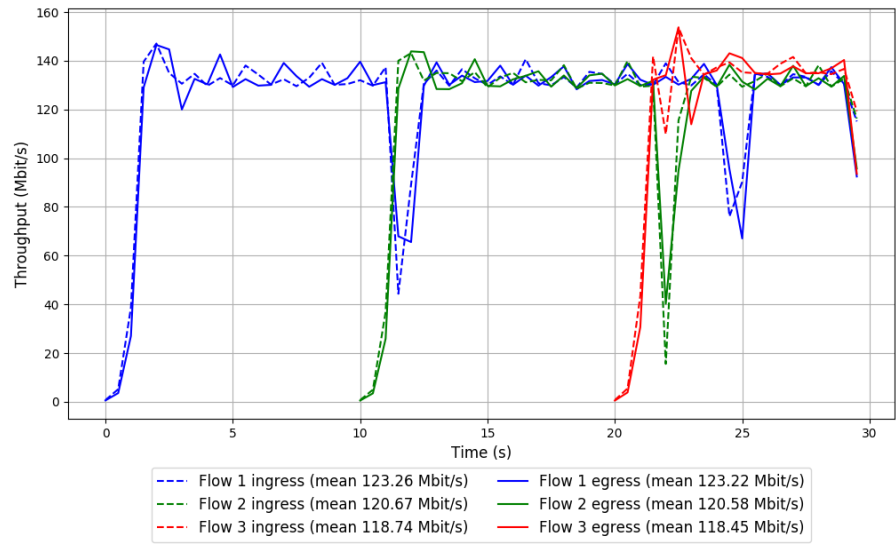


Run 3: Statistics of TCP BBR

Start at: 2017-11-30 18:33:21
End at: 2017-11-30 18:33:51
Local clock offset: 0.565 ms
Remote clock offset: -10.969 ms

Below is generated by plot.py at 2017-12-01 00:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 241.98 Mbit/s
95th percentile per-packet one-way delay: 87.229 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 123.22 Mbit/s
95th percentile per-packet one-way delay: 86.868 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 120.58 Mbit/s
95th percentile per-packet one-way delay: 87.285 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 118.45 Mbit/s
95th percentile per-packet one-way delay: 83.672 ms
Loss rate: 1.99%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

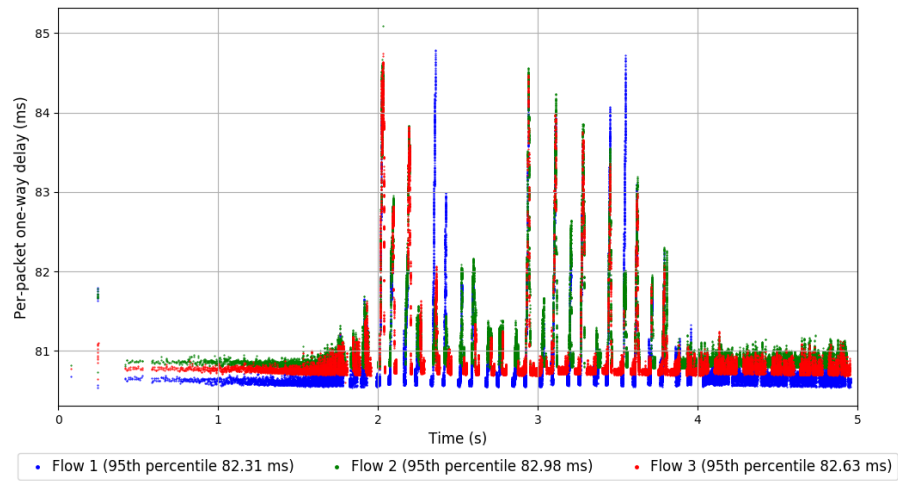
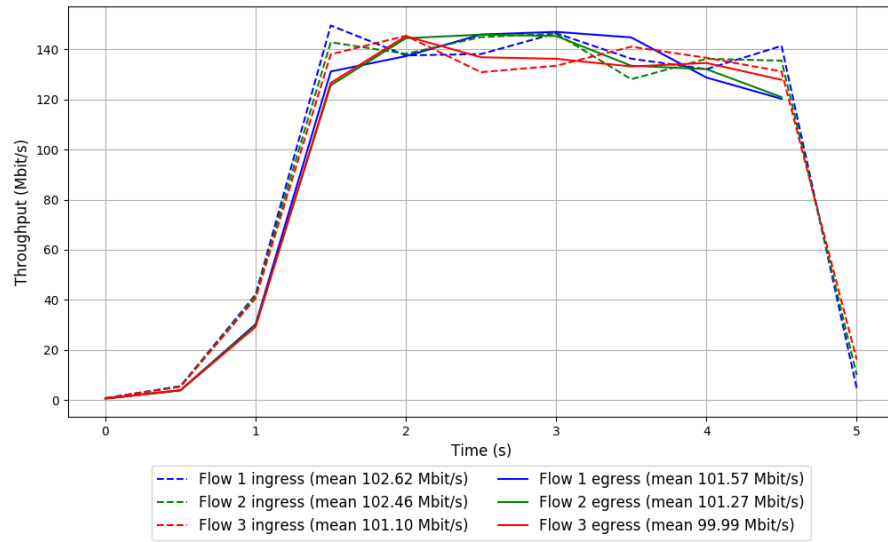
Start at: 2017-11-30 18:53:11

End at: 2017-11-30 18:53:41

Local clock offset: 0.754 ms

Remote clock offset: -5.379 ms

Run 4: Report of TCP BBR — Data Link

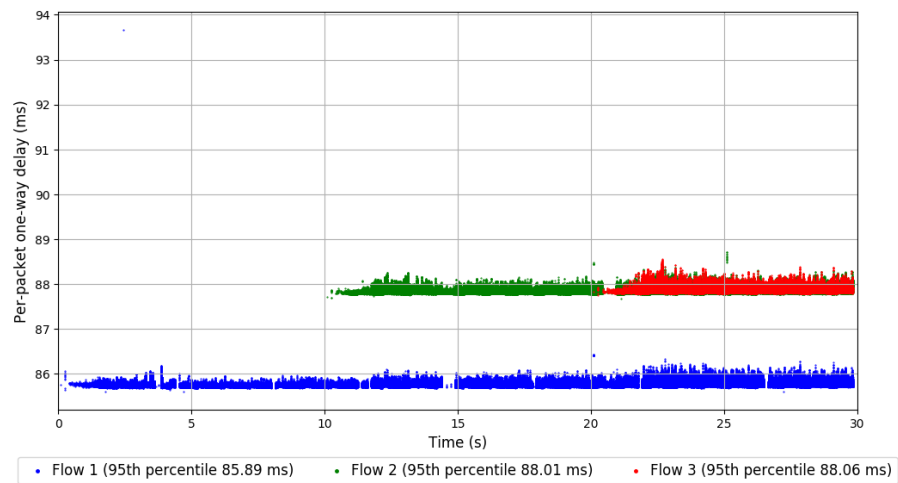
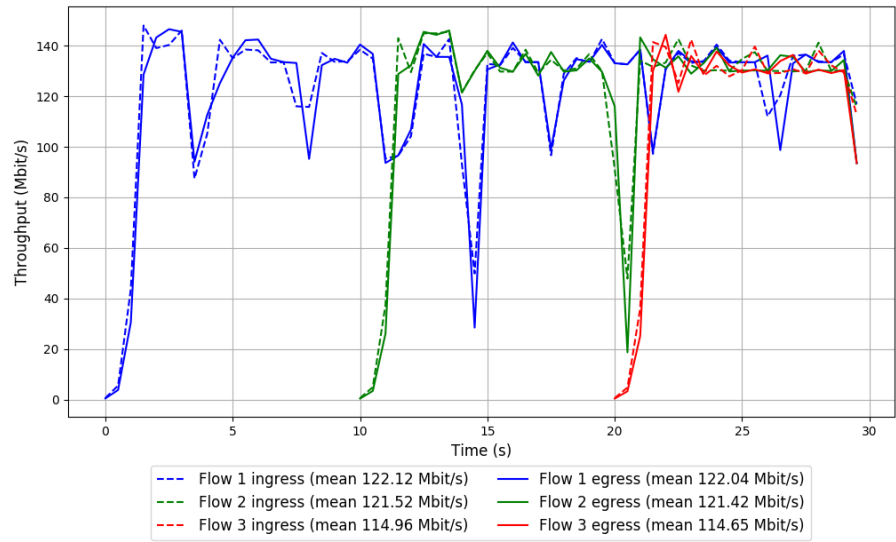


Run 5: Statistics of TCP BBR

Start at: 2017-11-30 19:12:55
End at: 2017-11-30 19:13:25
Local clock offset: 0.74 ms
Remote clock offset: -10.322 ms

Below is generated by plot.py at 2017-12-01 00:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 240.09 Mbit/s
95th percentile per-packet one-way delay: 87.982 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 122.04 Mbit/s
95th percentile per-packet one-way delay: 85.892 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 121.42 Mbit/s
95th percentile per-packet one-way delay: 88.011 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 114.65 Mbit/s
95th percentile per-packet one-way delay: 88.055 ms
Loss rate: 2.05%

Run 5: Report of TCP BBR — Data Link

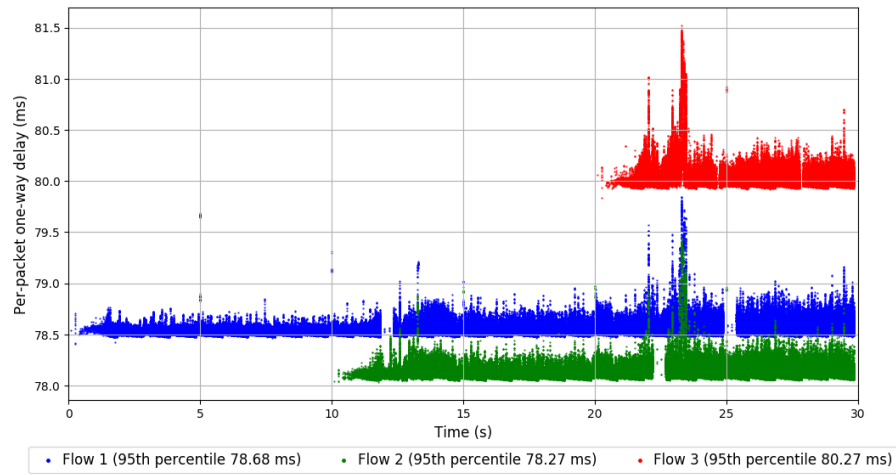
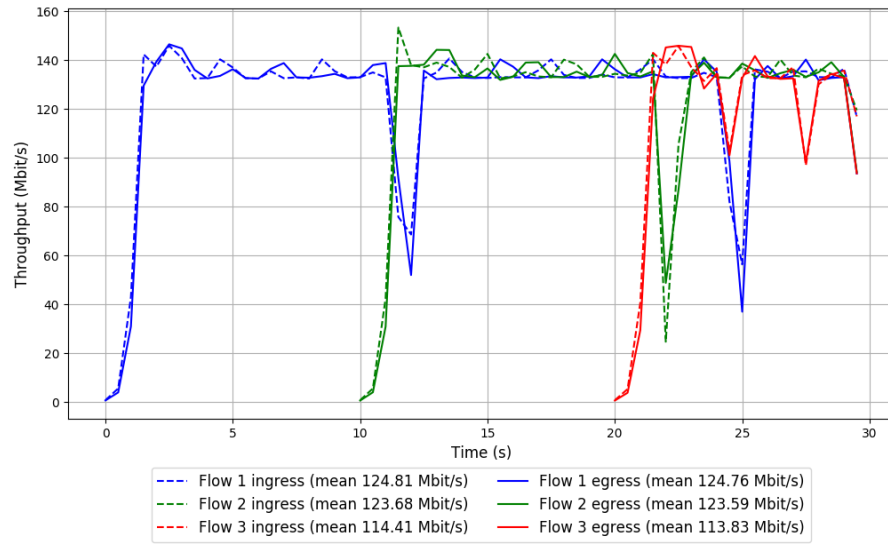


Run 6: Statistics of TCP BBR

Start at: 2017-11-30 19:33:06
End at: 2017-11-30 19:33:36
Local clock offset: 0.838 ms
Remote clock offset: -3.337 ms

Below is generated by plot.py at 2017-12-01 00:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 244.05 Mbit/s
95th percentile per-packet one-way delay: 80.073 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 124.76 Mbit/s
95th percentile per-packet one-way delay: 78.684 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 123.59 Mbit/s
95th percentile per-packet one-way delay: 78.274 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 113.83 Mbit/s
95th percentile per-packet one-way delay: 80.265 ms
Loss rate: 2.04%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

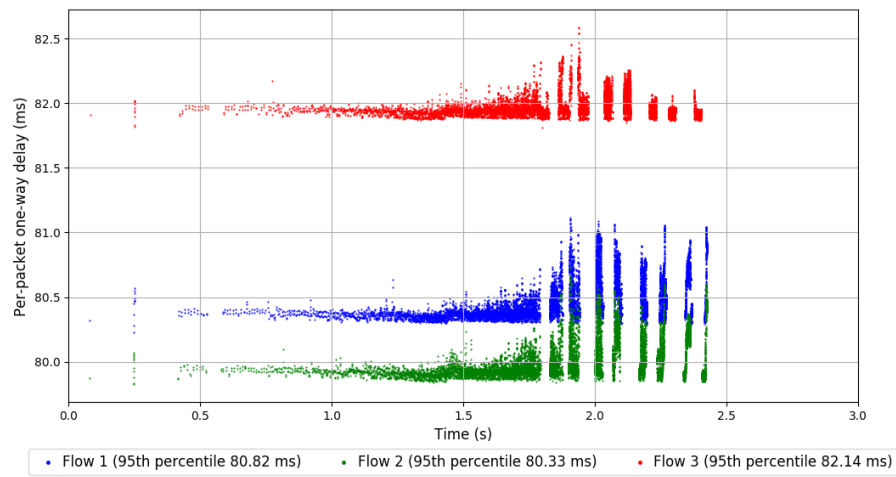
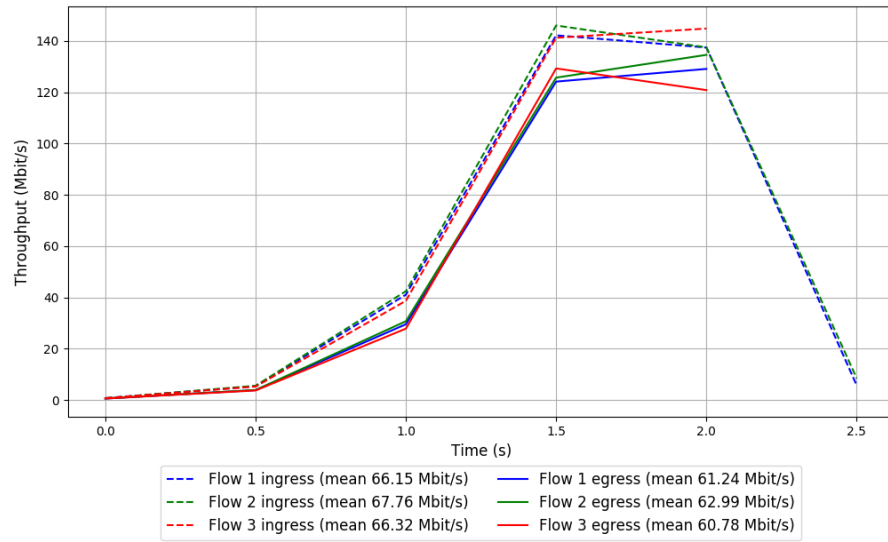
Start at: 2017-11-30 19:52:48

End at: 2017-11-30 19:53:18

Local clock offset: 0.861 ms

Remote clock offset: -3.037 ms

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

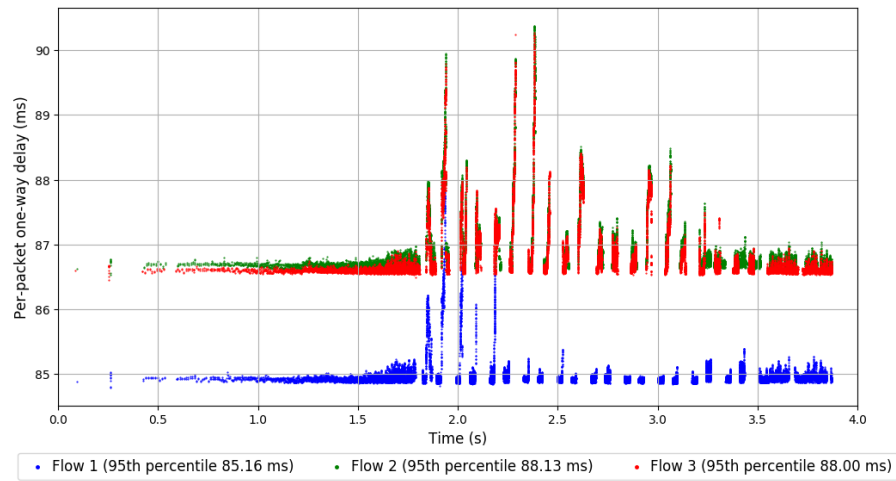
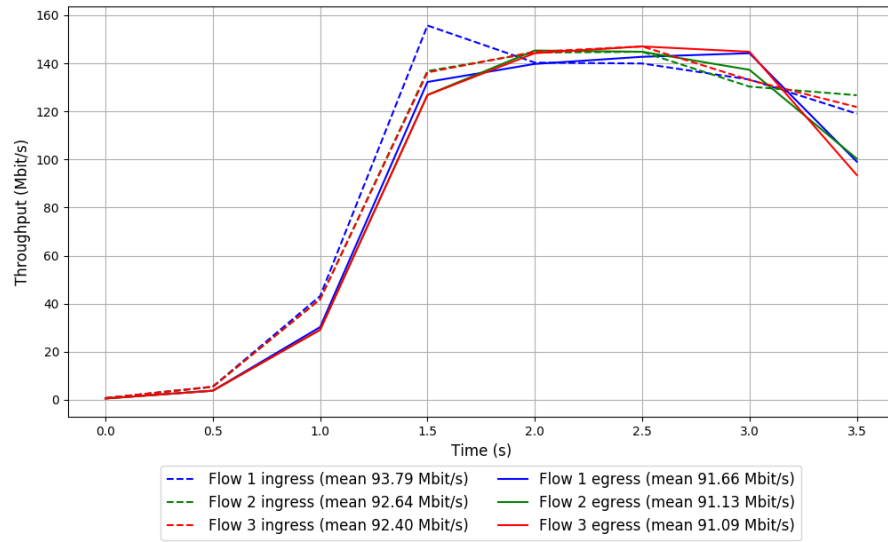
Start at: 2017-11-30 20:12:15

End at: 2017-11-30 20:12:45

Local clock offset: 0.795 ms

Remote clock offset: -8.846 ms

Run 8: Report of TCP BBR — Data Link

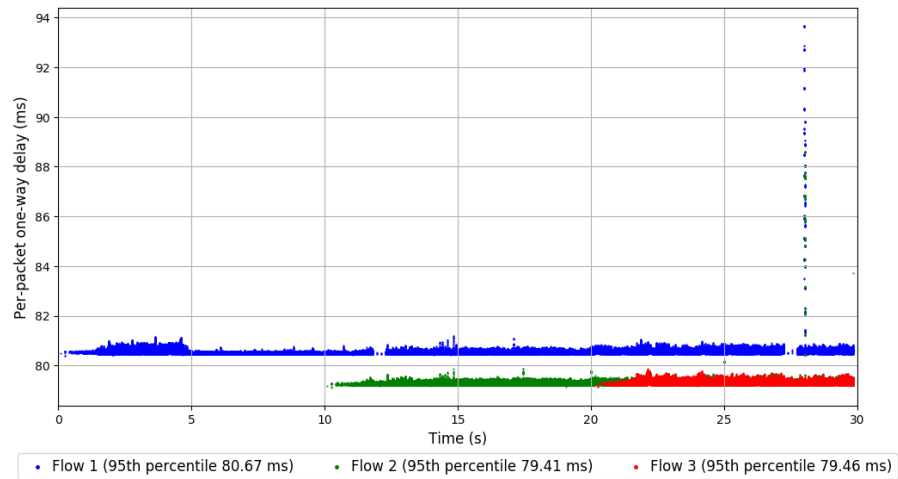
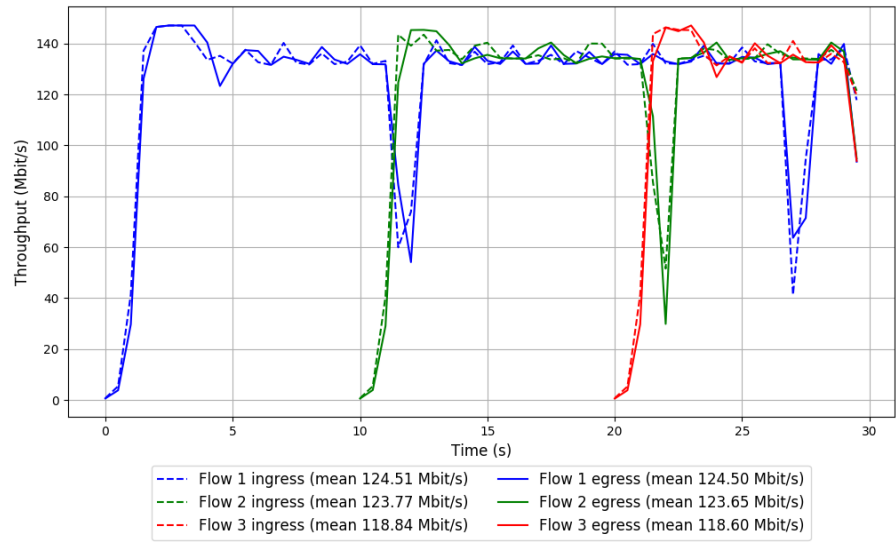


Run 9: Statistics of TCP BBR

Start at: 2017-11-30 20:31:43
End at: 2017-11-30 20:32:13
Local clock offset: 0.702 ms
Remote clock offset: -1.718 ms

Below is generated by plot.py at 2017-12-01 00:38:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 245.45 Mbit/s
95th percentile per-packet one-way delay: 80.620 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 124.50 Mbit/s
95th percentile per-packet one-way delay: 80.666 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 123.65 Mbit/s
95th percentile per-packet one-way delay: 79.410 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 118.60 Mbit/s
95th percentile per-packet one-way delay: 79.464 ms
Loss rate: 1.88%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-11-30 20:51:57

End at: 2017-11-30 20:52:27

Local clock offset: 0.627 ms

Remote clock offset: -6.42 ms

Below is generated by plot.py at 2017-12-01 00:38:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 244.17 Mbit/s

95th percentile per-packet one-way delay: 88.688 ms

Loss rate: 0.93%

-- Flow 1:

Average throughput: 123.78 Mbit/s

95th percentile per-packet one-way delay: 88.731 ms

Loss rate: 0.61%

-- Flow 2:

Average throughput: 123.78 Mbit/s

95th percentile per-packet one-way delay: 86.641 ms

Loss rate: 0.92%

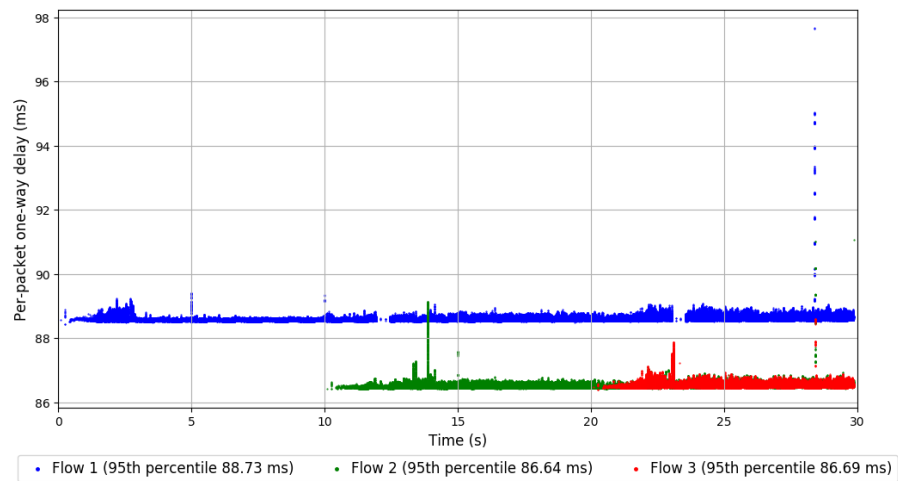
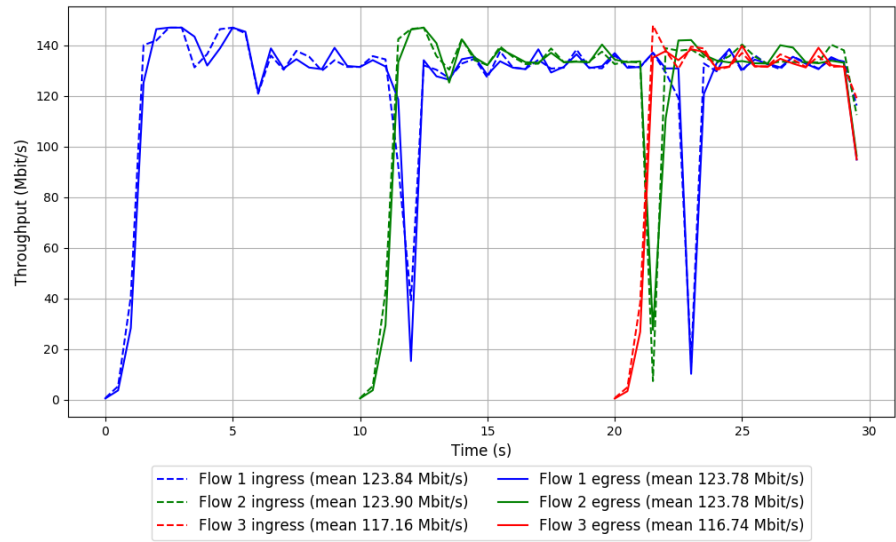
-- Flow 3:

Average throughput: 116.74 Mbit/s

95th percentile per-packet one-way delay: 86.689 ms

Loss rate: 1.96%

Run 10: Report of TCP BBR — Data Link

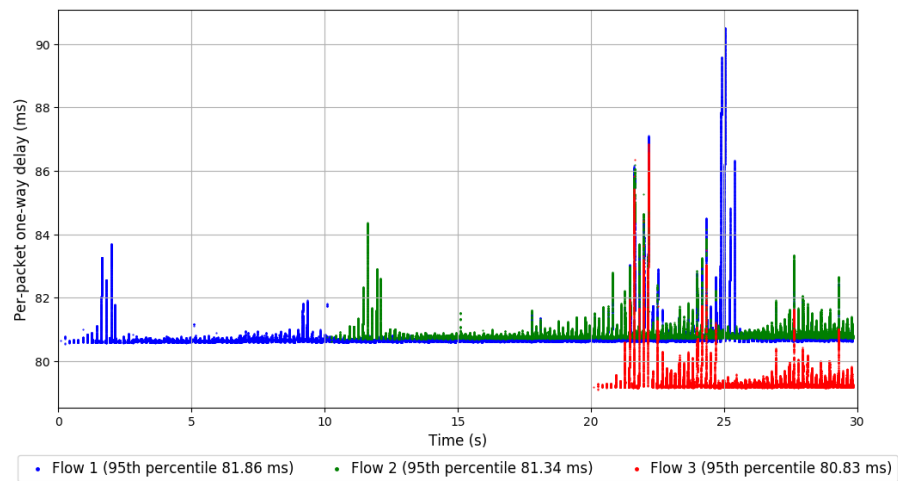
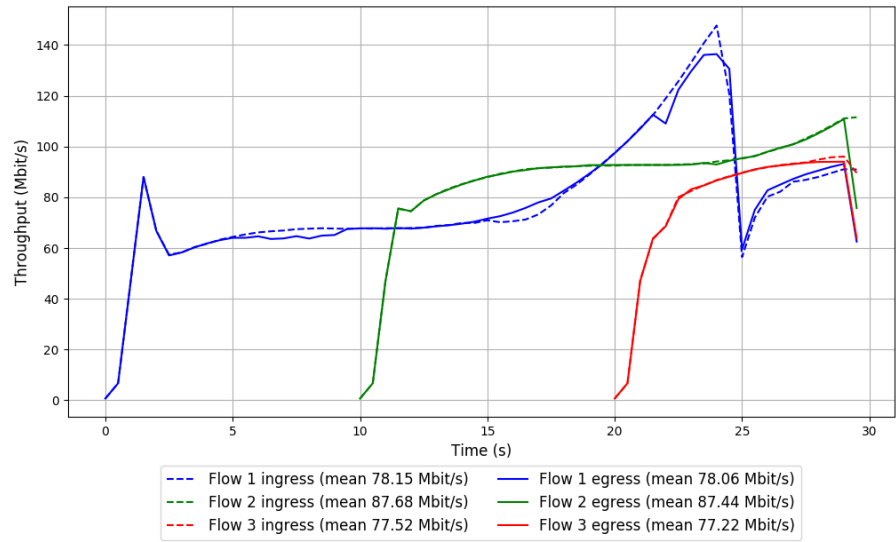


Run 1: Statistics of TCP Cubic

Start at: 2017-11-30 18:09:23
End at: 2017-11-30 18:09:53
Local clock offset: 0.418 ms
Remote clock offset: -7.951 ms

Below is generated by plot.py at 2017-12-01 00:38:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 161.30 Mbit/s
95th percentile per-packet one-way delay: 81.496 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 81.865 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 81.344 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 77.22 Mbit/s
95th percentile per-packet one-way delay: 80.829 ms
Loss rate: 2.05%

Run 1: Report of TCP Cubic — Data Link

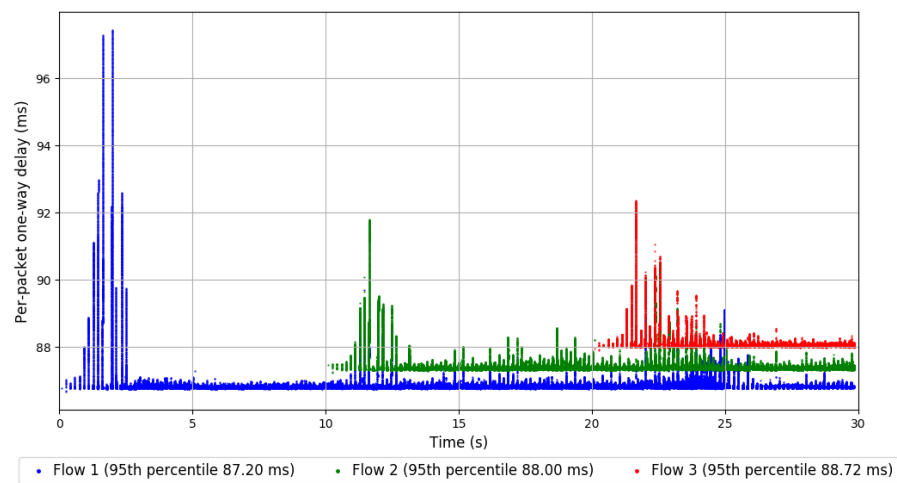
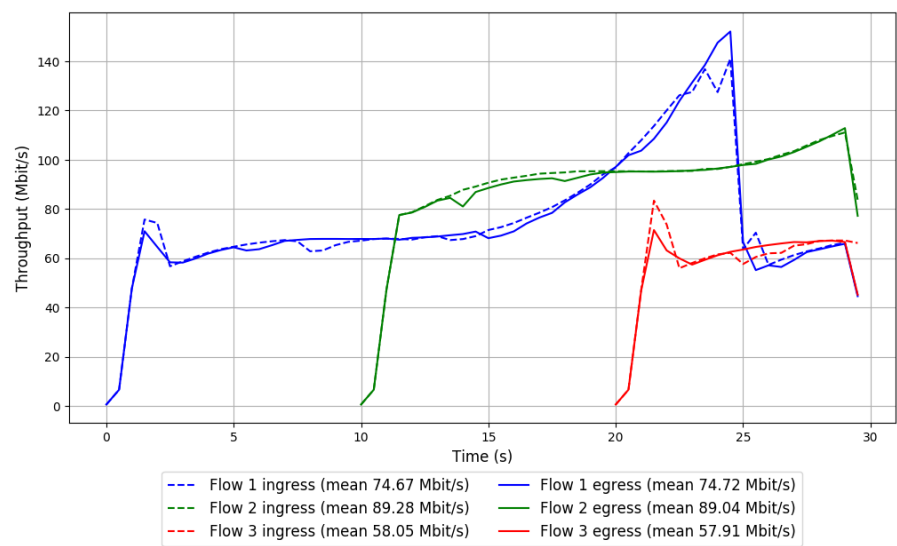


Run 2: Statistics of TCP Cubic

Start at: 2017-11-30 18:29:15
End at: 2017-11-30 18:29:45
Local clock offset: 0.616 ms
Remote clock offset: -12.373 ms

Below is generated by plot.py at 2017-12-01 00:39:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 152.78 Mbit/s
95th percentile per-packet one-way delay: 88.124 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 87.196 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 89.04 Mbit/s
95th percentile per-packet one-way delay: 88.003 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 88.722 ms
Loss rate: 1.94%

Run 2: Report of TCP Cubic — Data Link

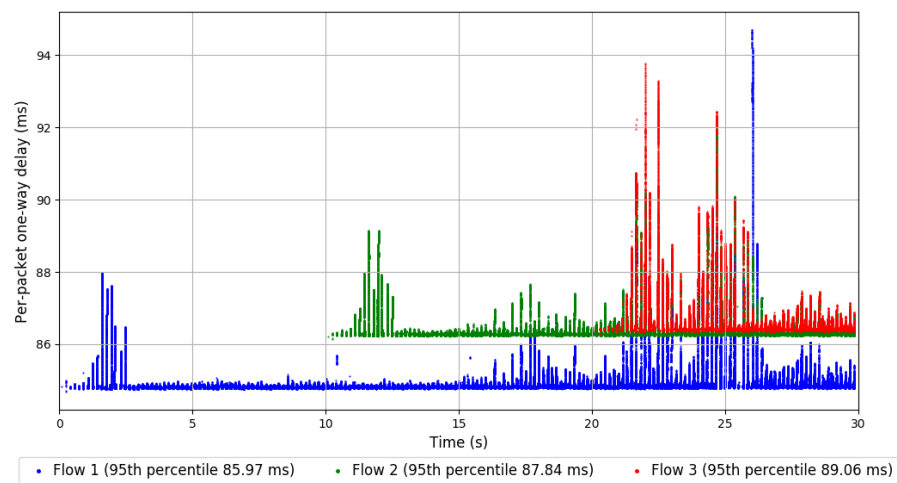
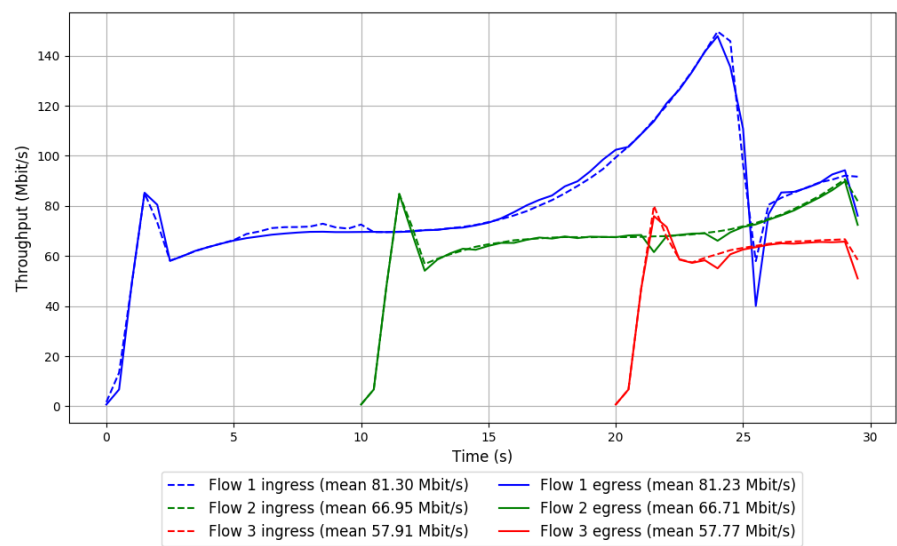


Run 3: Statistics of TCP Cubic

Start at: 2017-11-30 18:49:04
End at: 2017-11-30 18:49:34
Local clock offset: 0.68 ms
Remote clock offset: -11.233 ms

Below is generated by plot.py at 2017-12-01 00:40:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 144.41 Mbit/s
95th percentile per-packet one-way delay: 87.365 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 81.23 Mbit/s
95th percentile per-packet one-way delay: 85.966 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 66.71 Mbit/s
95th percentile per-packet one-way delay: 87.839 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 57.77 Mbit/s
95th percentile per-packet one-way delay: 89.064 ms
Loss rate: 1.93%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-11-30 19:08:49

End at: 2017-11-30 19:09:19

Local clock offset: 0.808 ms

Remote clock offset: -9.87 ms

Below is generated by plot.py at 2017-12-01 00:40:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 170.36 Mbit/s

95th percentile per-packet one-way delay: 87.300 ms

Loss rate: 0.89%

-- Flow 1:

Average throughput: 93.79 Mbit/s

95th percentile per-packet one-way delay: 85.872 ms

Loss rate: 0.55%

-- Flow 2:

Average throughput: 87.28 Mbit/s

95th percentile per-packet one-way delay: 85.370 ms

Loss rate: 1.11%

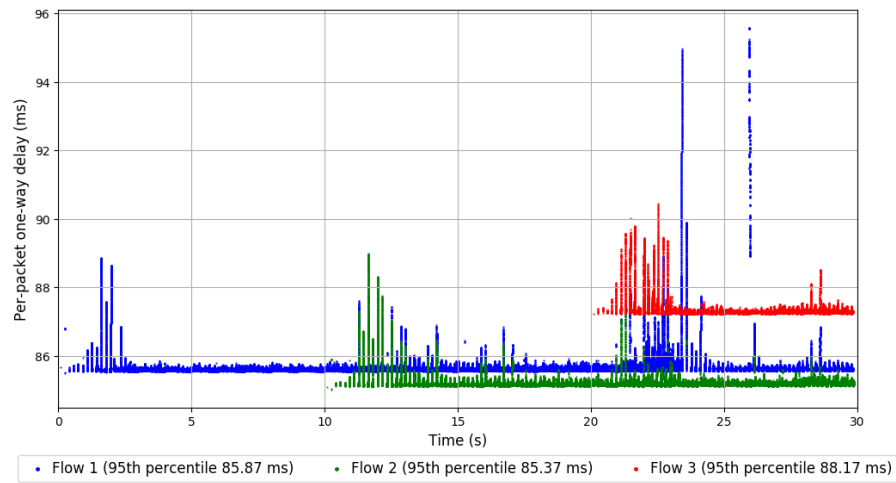
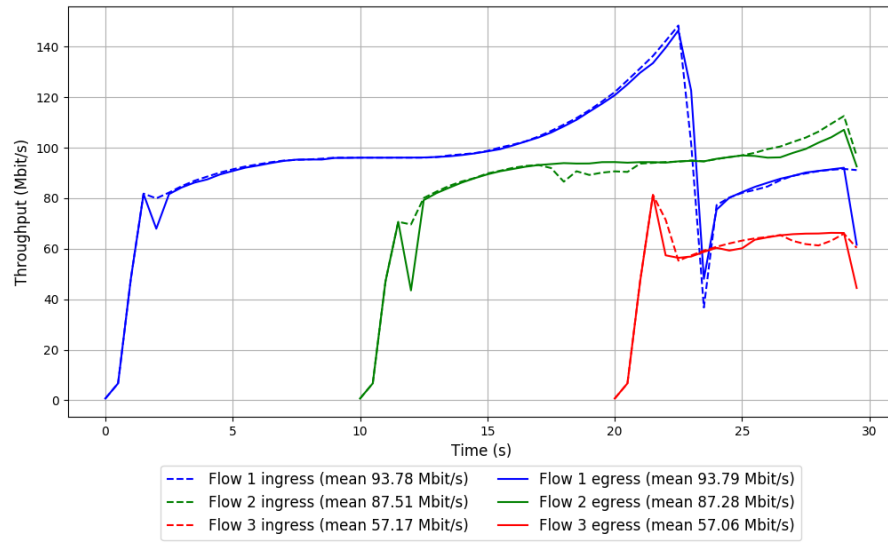
-- Flow 3:

Average throughput: 57.06 Mbit/s

95th percentile per-packet one-way delay: 88.169 ms

Loss rate: 1.95%

Run 4: Report of TCP Cubic — Data Link

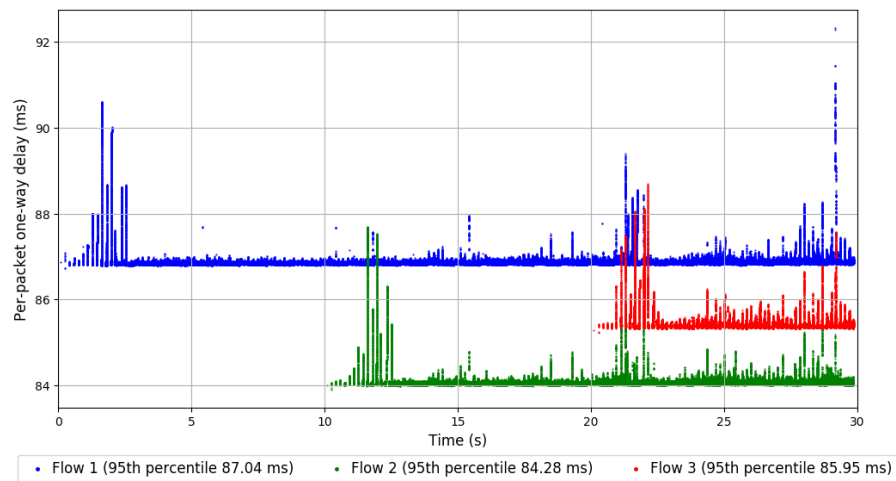
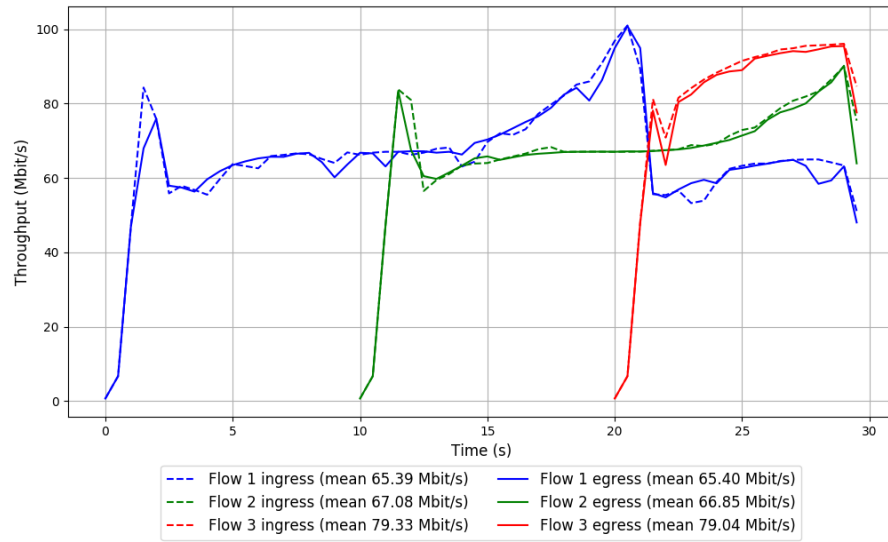


Run 5: Statistics of TCP Cubic

Start at: 2017-11-30 19:29:01
End at: 2017-11-30 19:29:31
Local clock offset: 0.794 ms
Remote clock offset: -8.996 ms

Below is generated by plot.py at 2017-12-01 00:40:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.61 Mbit/s
95th percentile per-packet one-way delay: 86.935 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 65.40 Mbit/s
95th percentile per-packet one-way delay: 87.041 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 66.85 Mbit/s
95th percentile per-packet one-way delay: 84.276 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 85.950 ms
Loss rate: 2.04%

Run 5: Report of TCP Cubic — Data Link

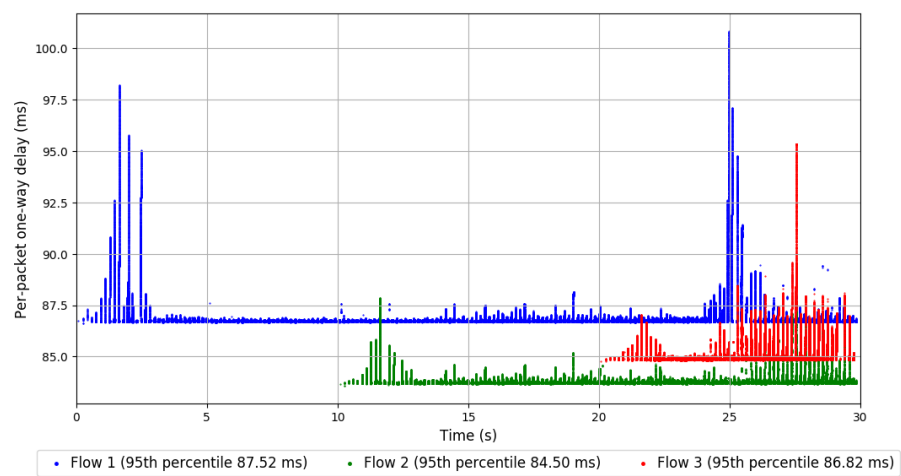
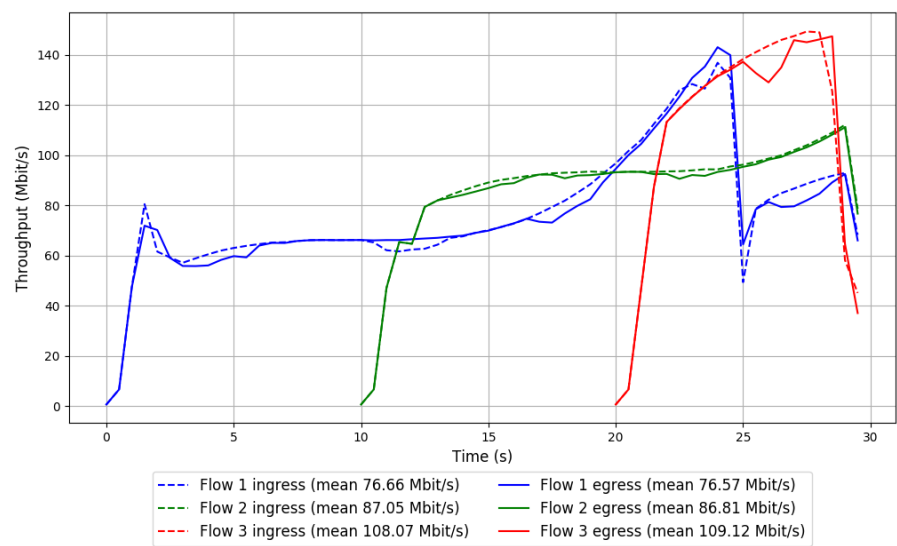


Run 6: Statistics of TCP Cubic

Start at: 2017-11-30 19:48:43
End at: 2017-11-30 19:49:13
Local clock offset: 0.868 ms
Remote clock offset: -8.139 ms

Below is generated by plot.py at 2017-12-01 00:40:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.64 Mbit/s
95th percentile per-packet one-way delay: 86.975 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 76.57 Mbit/s
95th percentile per-packet one-way delay: 87.524 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 84.499 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 109.12 Mbit/s
95th percentile per-packet one-way delay: 86.823 ms
Loss rate: 1.18%

Run 6: Report of TCP Cubic — Data Link

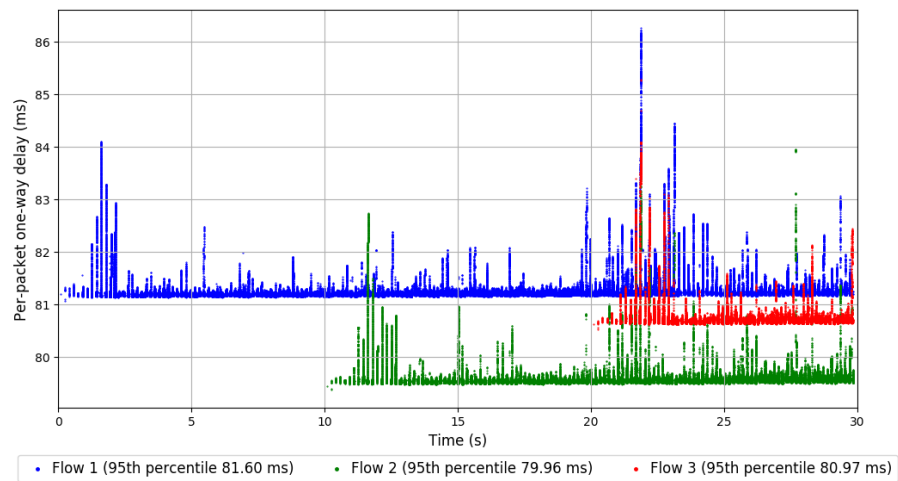
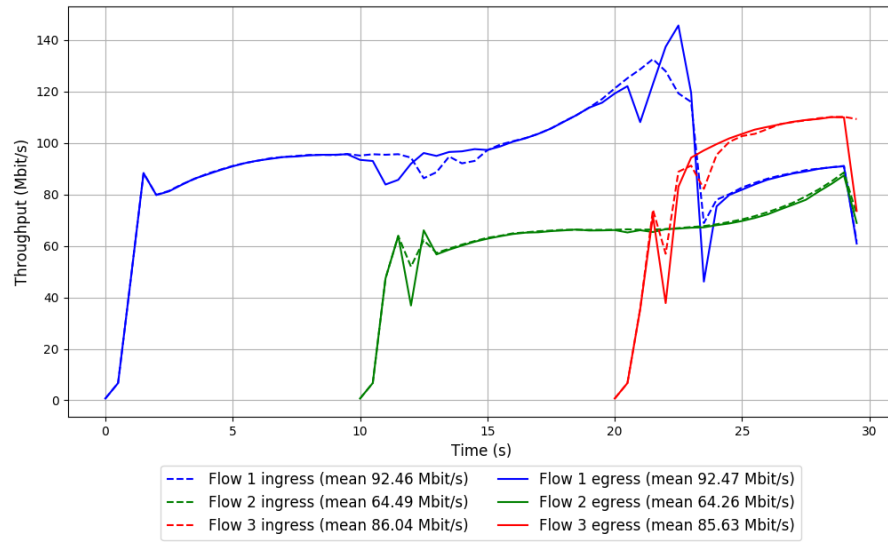


Run 7: Statistics of TCP Cubic

Start at: 2017-11-30 20:08:10
End at: 2017-11-30 20:08:40
Local clock offset: 0.746 ms
Remote clock offset: -3.381 ms

Below is generated by plot.py at 2017-12-01 00:40:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 163.09 Mbit/s
95th percentile per-packet one-way delay: 81.387 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 92.47 Mbit/s
95th percentile per-packet one-way delay: 81.602 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 64.26 Mbit/s
95th percentile per-packet one-way delay: 79.956 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 85.63 Mbit/s
95th percentile per-packet one-way delay: 80.973 ms
Loss rate: 2.16%

Run 7: Report of TCP Cubic — Data Link

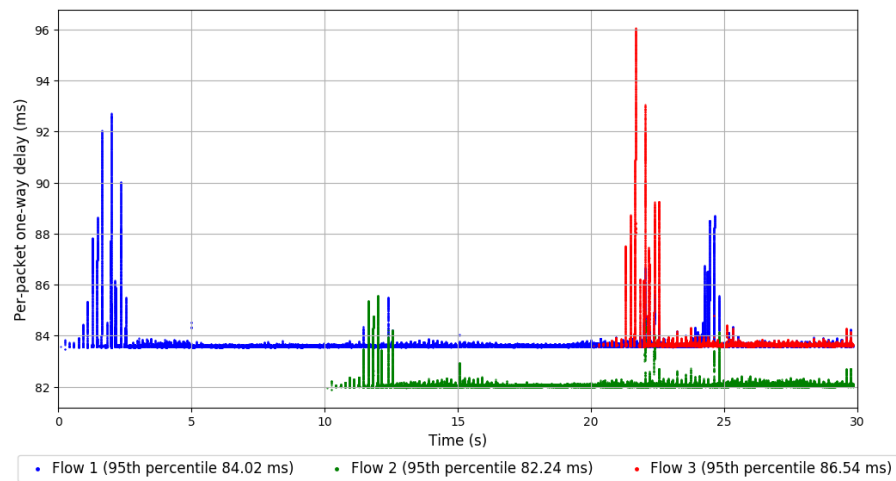
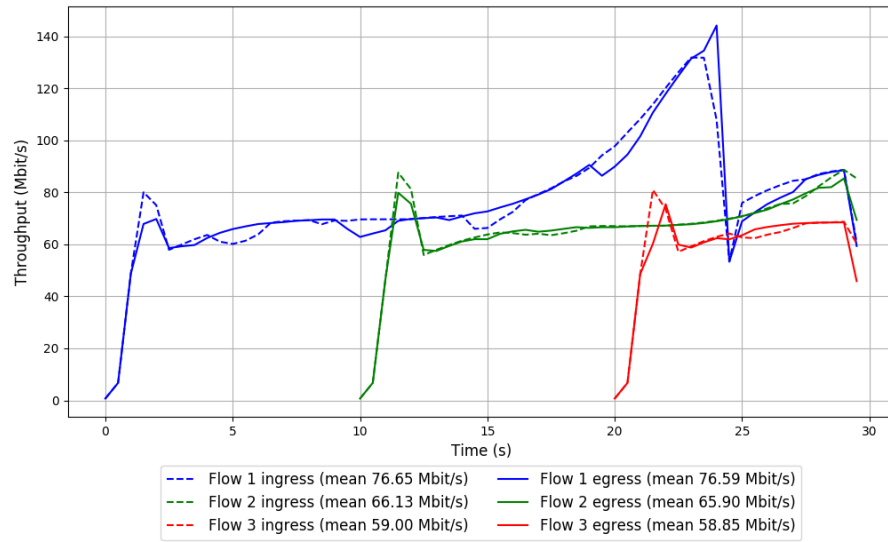


Run 8: Statistics of TCP Cubic

Start at: 2017-11-30 20:27:40
End at: 2017-11-30 20:28:10
Local clock offset: 0.73 ms
Remote clock offset: -3.006 ms

Below is generated by plot.py at 2017-12-01 00:40:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 139.52 Mbit/s
95th percentile per-packet one-way delay: 83.876 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 84.016 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 65.90 Mbit/s
95th percentile per-packet one-way delay: 82.237 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 58.85 Mbit/s
95th percentile per-packet one-way delay: 86.543 ms
Loss rate: 1.96%

Run 8: Report of TCP Cubic — Data Link

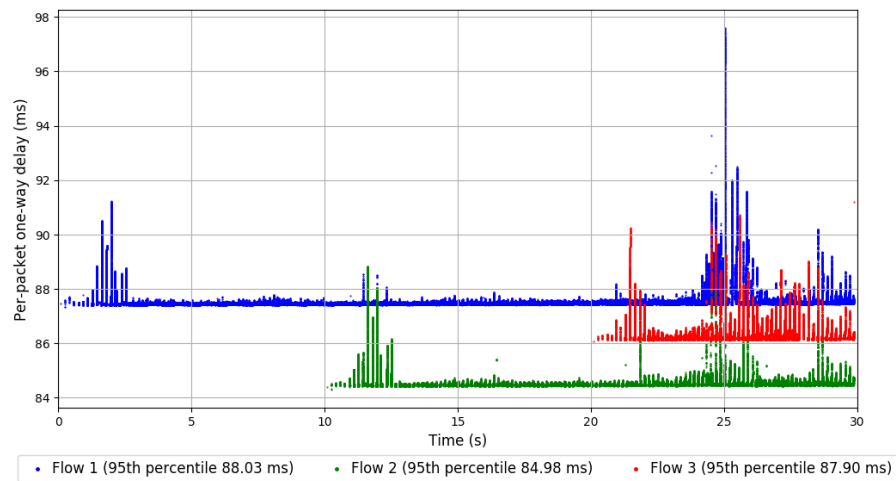
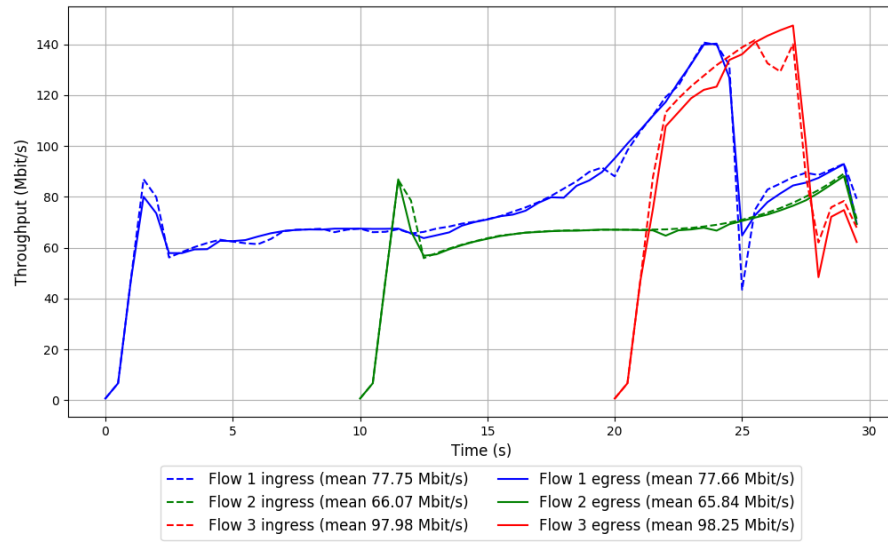


Run 9: Statistics of TCP Cubic

Start at: 2017-11-30 20:47:53
End at: 2017-11-30 20:48:23
Local clock offset: 0.673 ms
Remote clock offset: -5.845 ms

Below is generated by plot.py at 2017-12-01 00:41:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 153.61 Mbit/s
95th percentile per-packet one-way delay: 87.698 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 77.66 Mbit/s
95th percentile per-packet one-way delay: 88.035 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 84.984 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 98.25 Mbit/s
95th percentile per-packet one-way delay: 87.897 ms
Loss rate: 1.37%

Run 9: Report of TCP Cubic — Data Link

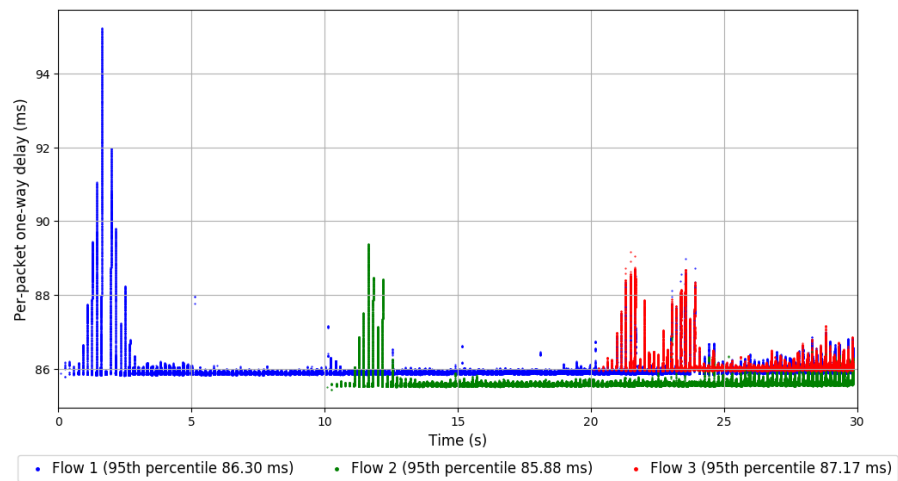
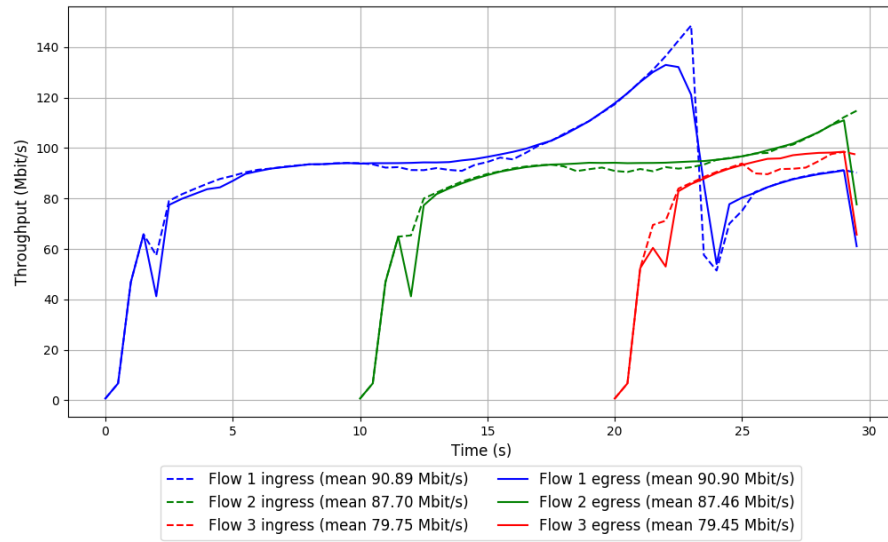


Run 10: Statistics of TCP Cubic

Start at: 2017-11-30 21:07:38
End at: 2017-11-30 21:08:08
Local clock offset: 0.41 ms
Remote clock offset: -4.357 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 174.87 Mbit/s
95th percentile per-packet one-way delay: 86.280 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 90.90 Mbit/s
95th percentile per-packet one-way delay: 86.299 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 85.884 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 79.45 Mbit/s
95th percentile per-packet one-way delay: 87.174 ms
Loss rate: 2.08%

Run 10: Report of TCP Cubic — Data Link

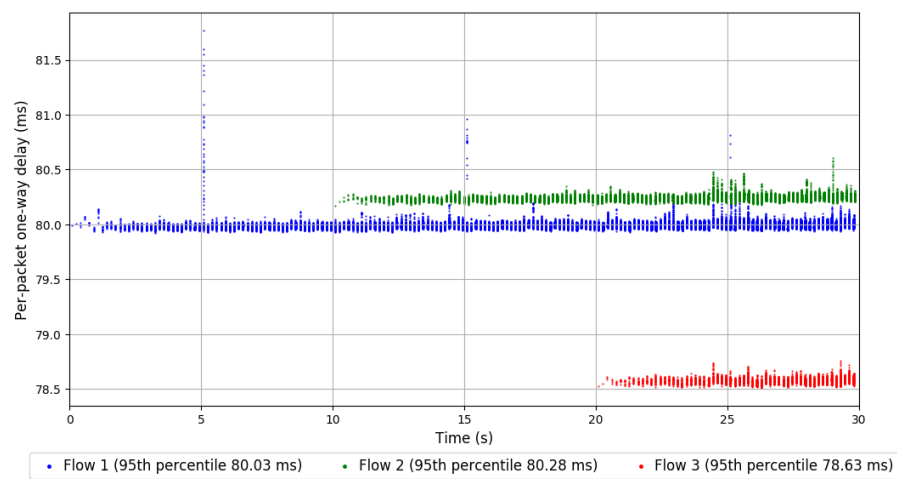
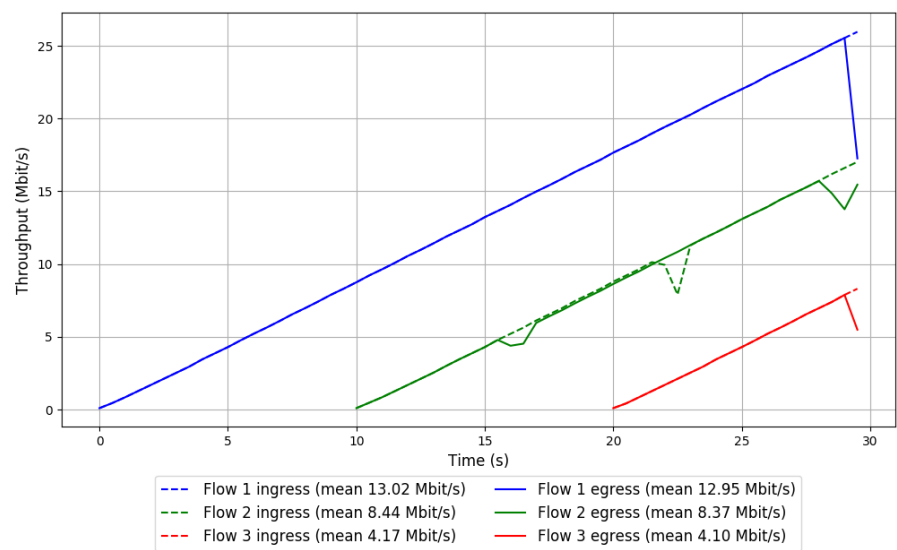


```
Run 1: Statistics of LEDBAT

Start at: 2017-11-30 18:03:58
End at: 2017-11-30 18:04:28
Local clock offset: 0.43 ms
Remote clock offset: -7.524 ms

# Below is generated by plot.py at 2017-12-01 00:42:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 19.82 Mbit/s
95th percentile per-packet one-way delay: 80.264 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 80.034 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 80.284 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 78.626 ms
Loss rate: 3.42%
```


Run 1: Report of LEDBAT — Data Link

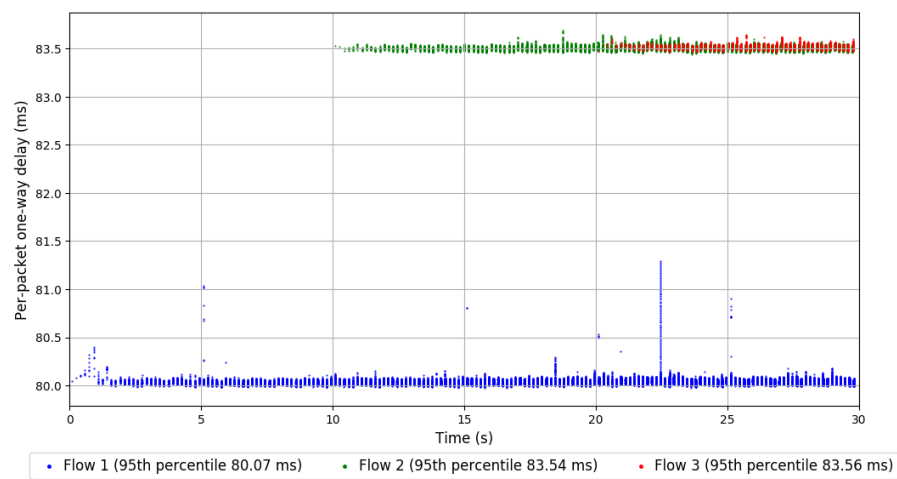
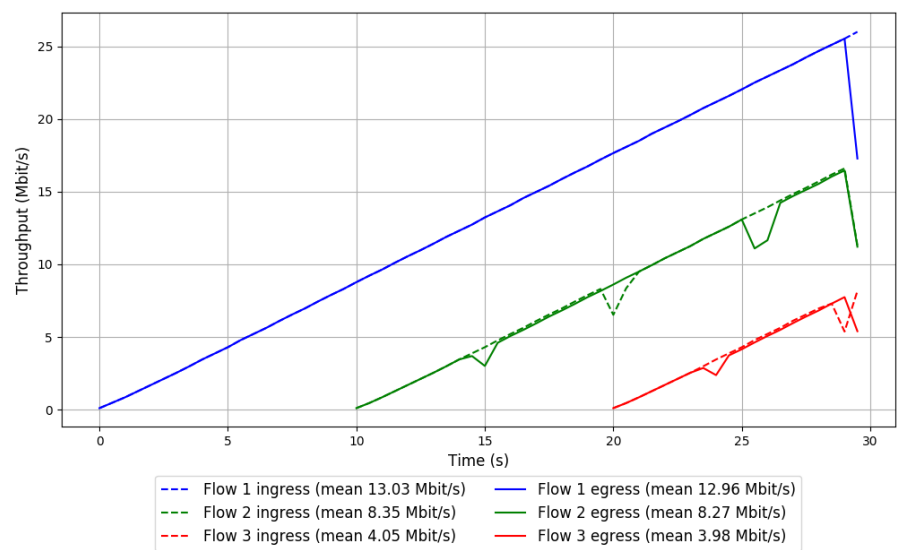


Run 2: Statistics of LEDBAT

Start at: 2017-11-30 18:23:49
End at: 2017-11-30 18:24:19
Local clock offset: 0.513 ms
Remote clock offset: -7.697 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.72 Mbit/s
95th percentile per-packet one-way delay: 83.534 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 80.074 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 8.27 Mbit/s
95th percentile per-packet one-way delay: 83.544 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 83.558 ms
Loss rate: 3.47%

Run 2: Report of LEDBAT — Data Link

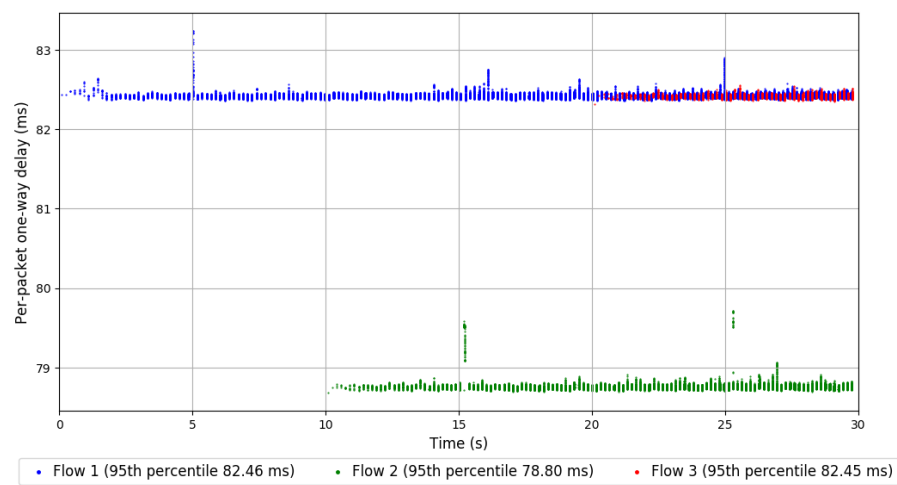
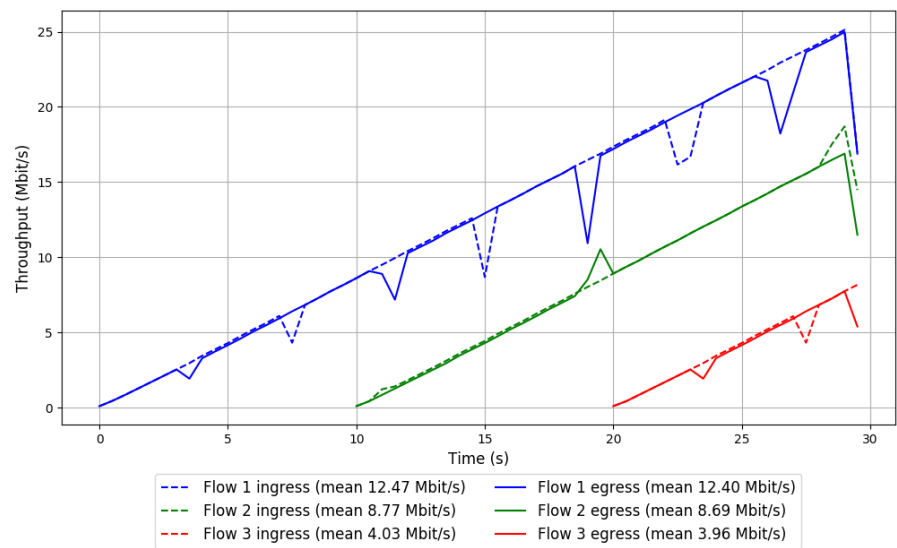


Run 3: Statistics of LEDBAT

Start at: 2017-11-30 18:43:39
End at: 2017-11-30 18:44:09
Local clock offset: 0.717 ms
Remote clock offset: -5.706 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.42 Mbit/s
95th percentile per-packet one-way delay: 82.453 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 82.458 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 8.69 Mbit/s
95th percentile per-packet one-way delay: 78.800 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 82.453 ms
Loss rate: 3.48%

Run 3: Report of LEDBAT — Data Link

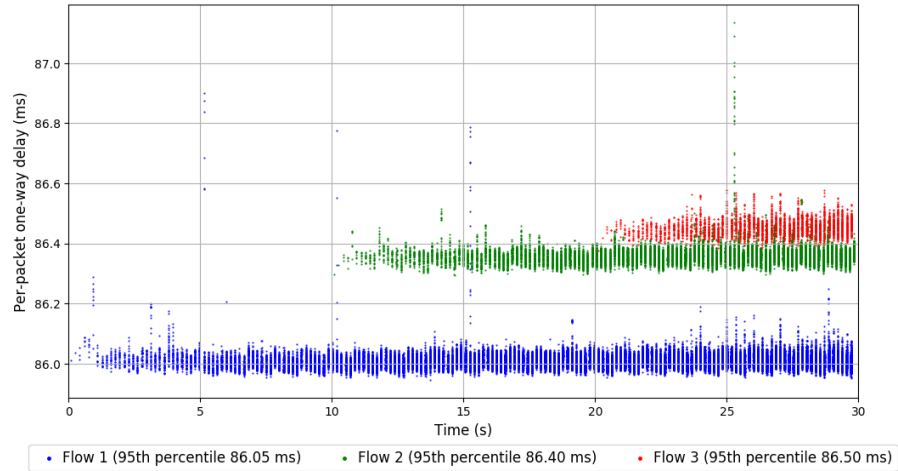
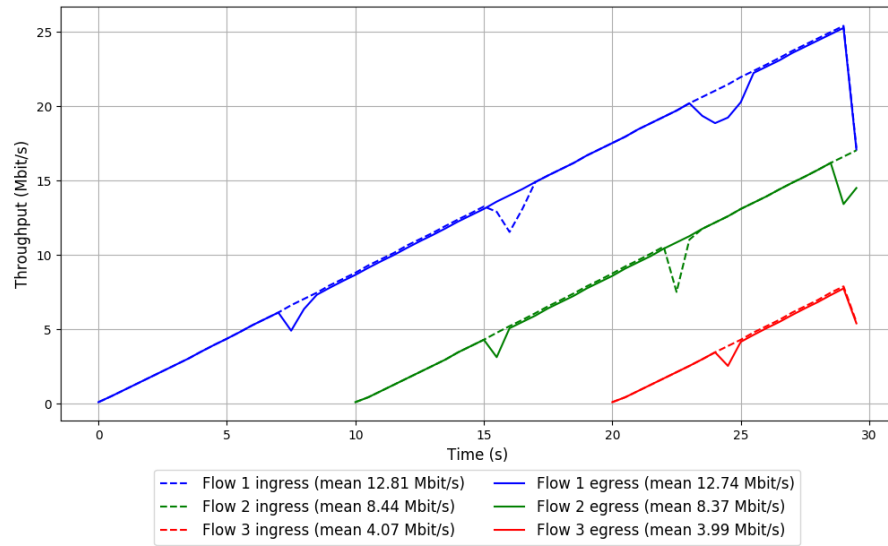


Run 4: Statistics of LEDBAT

Start at: 2017-11-30 19:03:23
End at: 2017-11-30 19:03:53
Local clock offset: 0.773 ms
Remote clock offset: -10.75 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.54 Mbit/s
95th percentile per-packet one-way delay: 86.437 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 86.046 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 8.37 Mbit/s
95th percentile per-packet one-way delay: 86.397 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 86.503 ms
Loss rate: 3.48%

Run 4: Report of LEDBAT — Data Link

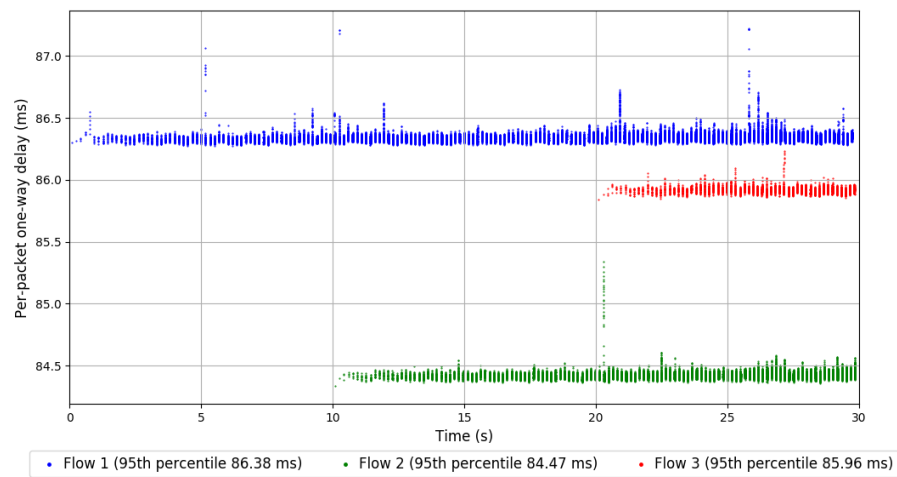
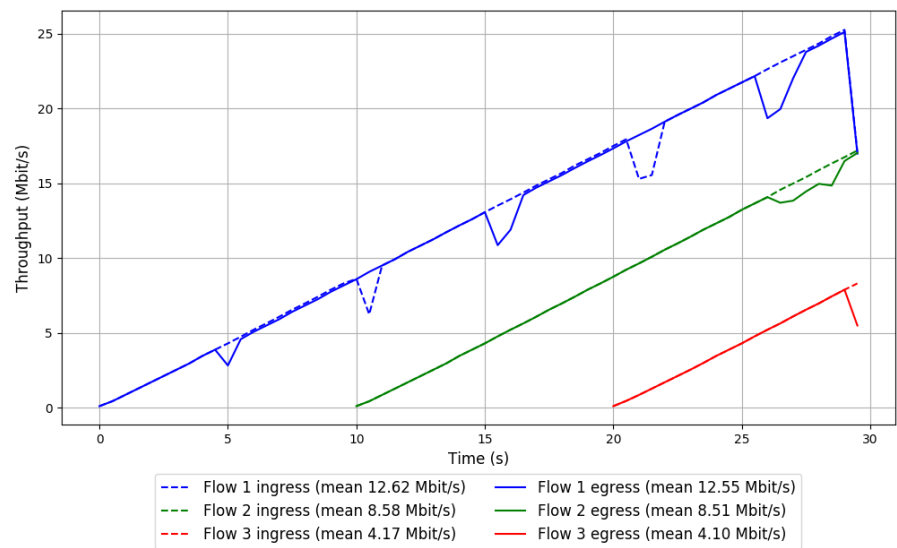


Run 5: Statistics of LEDBAT

Start at: 2017-11-30 19:23:17
End at: 2017-11-30 19:23:47
Local clock offset: 0.79 ms
Remote clock offset: -9.164 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.48 Mbit/s
95th percentile per-packet one-way delay: 86.373 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 12.55 Mbit/s
95th percentile per-packet one-way delay: 86.382 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 84.472 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 85.959 ms
Loss rate: 3.42%

Run 5: Report of LEDBAT — Data Link

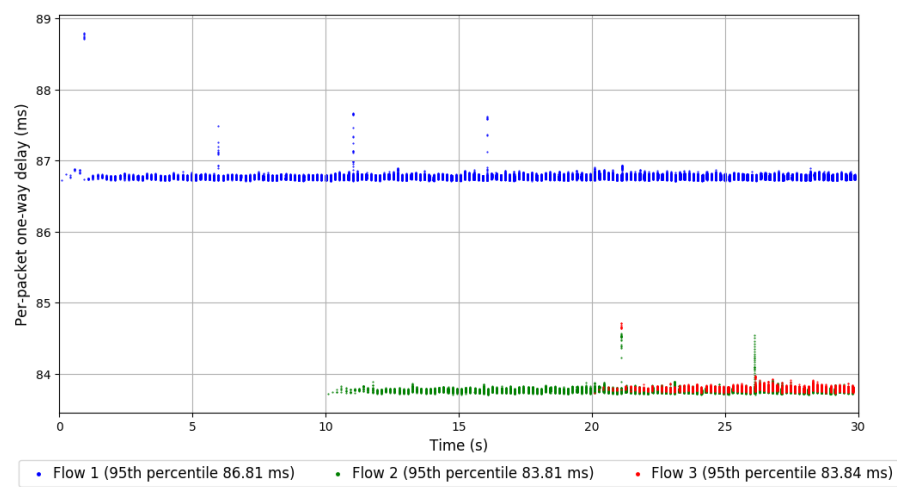
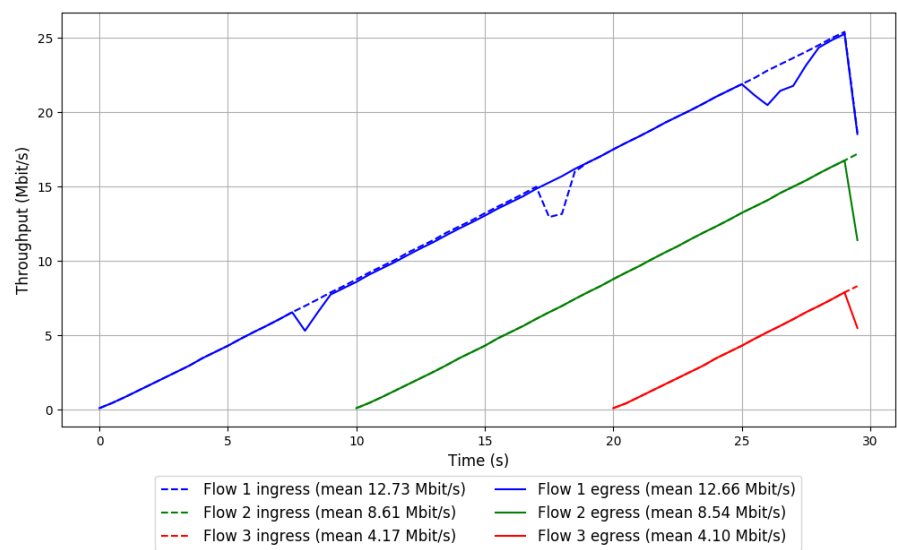


Run 6: Statistics of LEDBAT

Start at: 2017-11-30 19:43:25
End at: 2017-11-30 19:43:55
Local clock offset: 0.785 ms
Remote clock offset: -8.359 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.64 Mbit/s
95th percentile per-packet one-way delay: 86.801 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 86.806 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 8.54 Mbit/s
95th percentile per-packet one-way delay: 83.810 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 83.840 ms
Loss rate: 3.42%

Run 6: Report of LEDBAT — Data Link

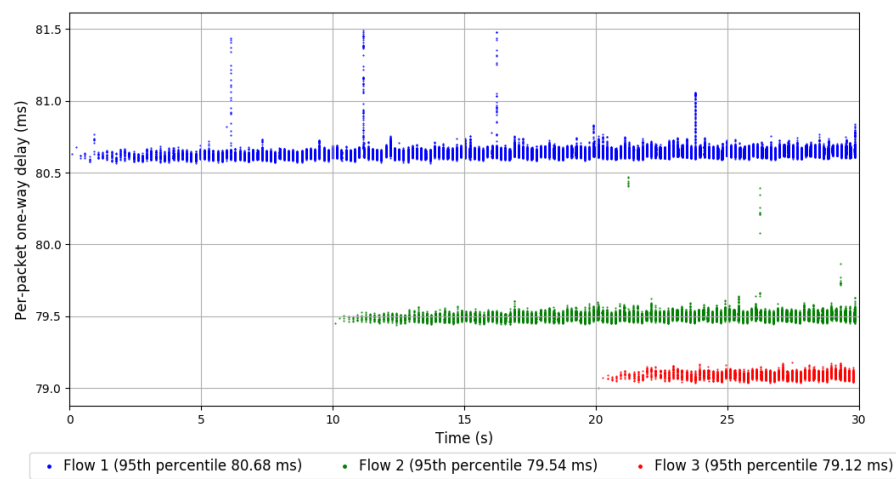
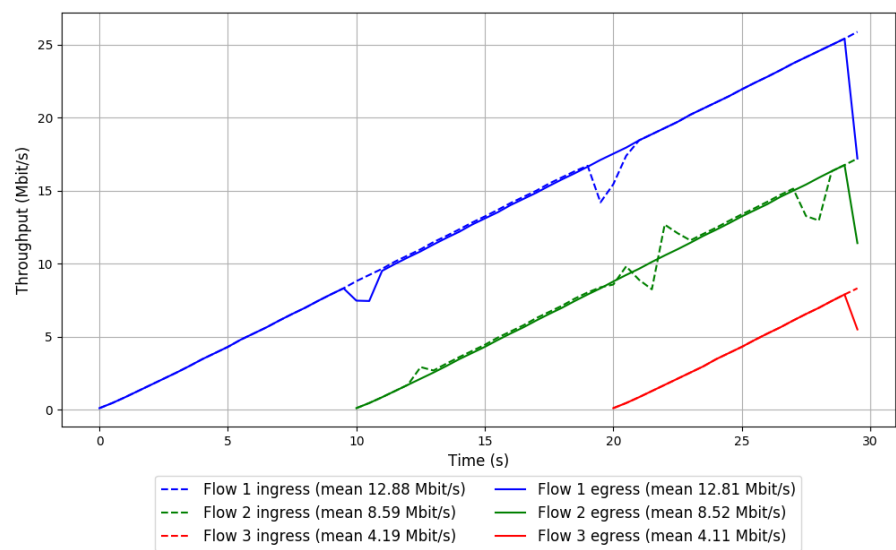


Run 7: Statistics of LEDBAT

Start at: 2017-11-30 20:02:53
End at: 2017-11-30 20:03:23
Local clock offset: 0.8 ms
Remote clock offset: -3.658 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 80.674 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 80.680 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 8.52 Mbit/s
95th percentile per-packet one-way delay: 79.538 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 79.125 ms
Loss rate: 3.42%

Run 7: Report of LEDBAT — Data Link

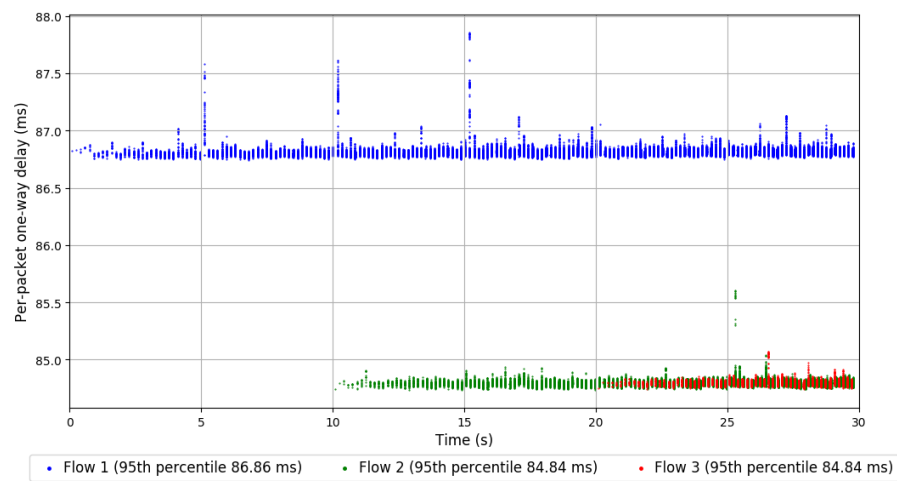
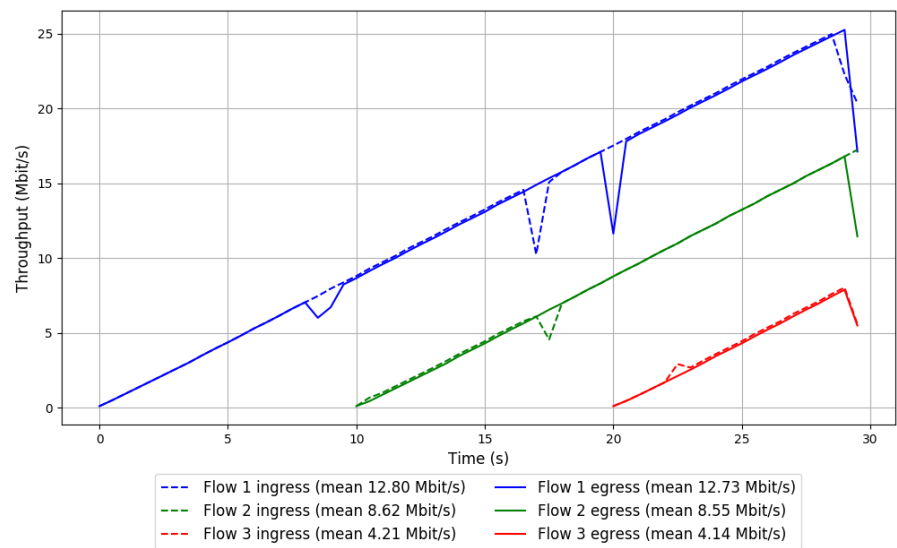


Run 8: Statistics of LEDBAT

Start at: 2017-11-30 20:22:14
End at: 2017-11-30 20:22:44
Local clock offset: 0.756 ms
Remote clock offset: -8.133 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.73 Mbit/s
95th percentile per-packet one-way delay: 86.850 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 86.859 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 84.838 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 84.842 ms
Loss rate: 3.42%

Run 8: Report of LEDBAT — Data Link

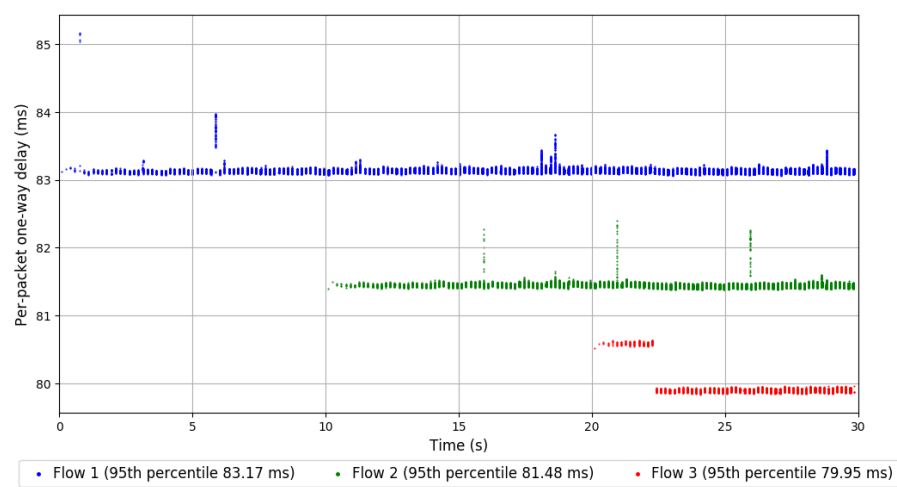
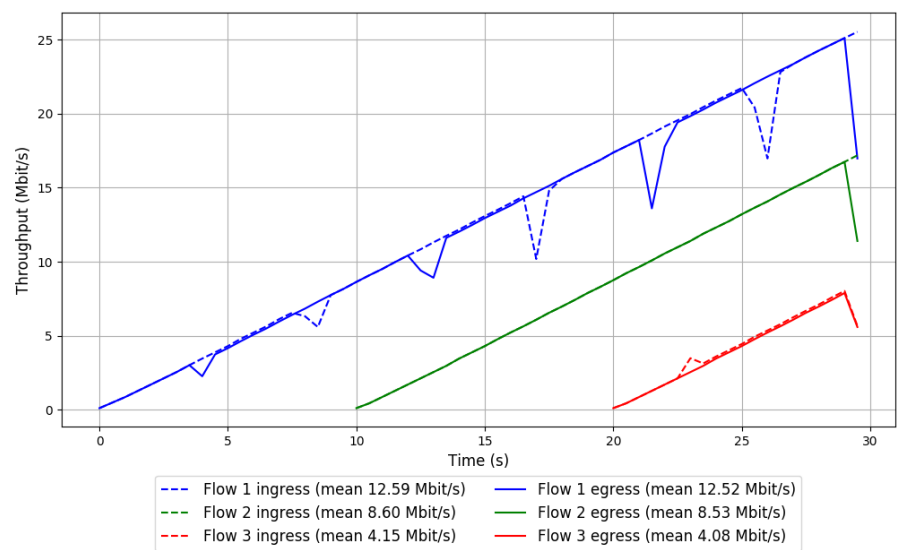


Run 9: Statistics of LEDBAT

Start at: 2017-11-30 20:42:00
End at: 2017-11-30 20:42:30
Local clock offset: 0.678 ms
Remote clock offset: -1.979 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.49 Mbit/s
95th percentile per-packet one-way delay: 83.164 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 83.171 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 81.482 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 79.948 ms
Loss rate: 3.39%

Run 9: Report of LEDBAT — Data Link

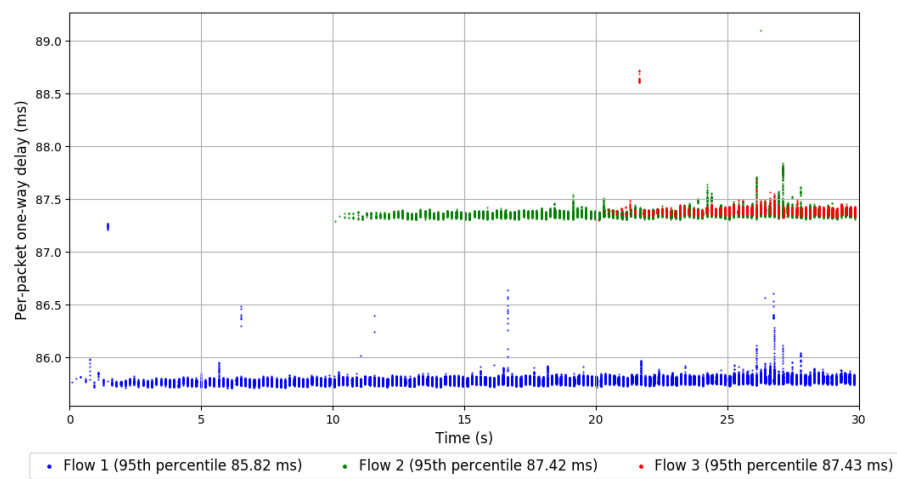
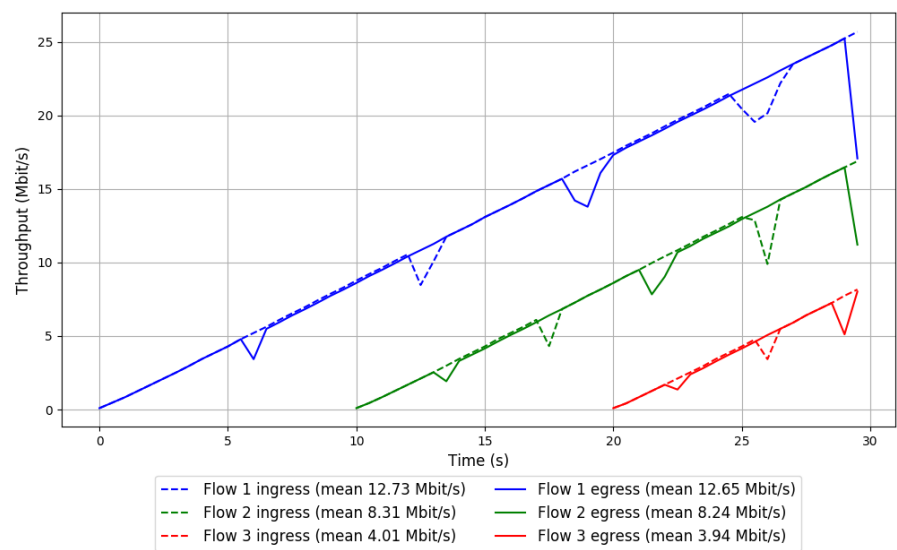


Run 10: Statistics of LEDBAT

Start at: 2017-11-30 21:02:14
End at: 2017-11-30 21:02:44
Local clock offset: 0.556 ms
Remote clock offset: -4.426 ms

Below is generated by plot.py at 2017-12-01 00:42:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.39 Mbit/s
95th percentile per-packet one-way delay: 87.400 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 85.824 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 87.417 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.430 ms
Loss rate: 3.48%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2017-11-30 18:06:33

End at: 2017-11-30 18:07:03

Local clock offset: 0.449 ms

Remote clock offset: -7.66 ms

Run 1: Report of PCC — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC

Start at: 2017-11-30 18:26:25

End at: 2017-11-30 18:26:55

Local clock offset: 0.578 ms

Remote clock offset: -10.948 ms

Run 2: Report of PCC — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC

Start at: 2017-11-30 18:46:14

End at: 2017-11-30 18:46:44

Local clock offset: 0.731 ms

Remote clock offset: -10.434 ms

Run 3: Report of PCC — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC

Start at: 2017-11-30 19:05:58

End at: 2017-11-30 19:06:28

Local clock offset: 0.784 ms

Remote clock offset: -10.445 ms

Run 4: Report of PCC — Data Link

Figure is missing

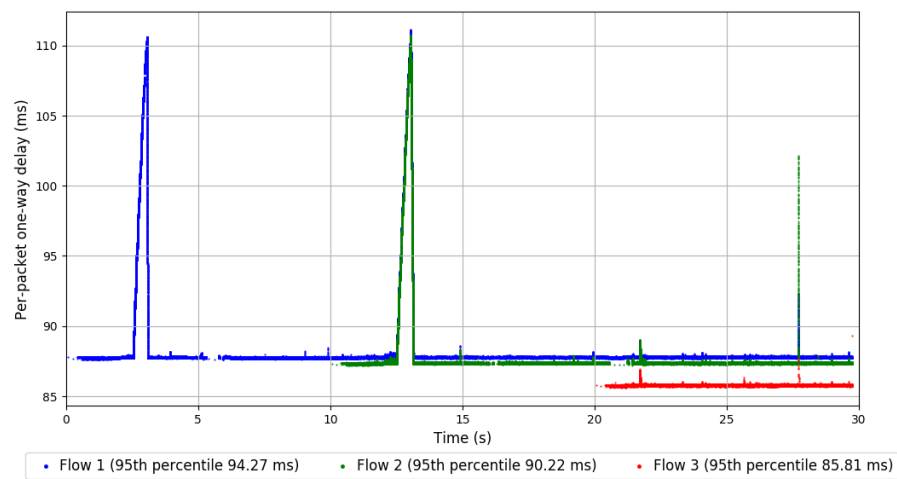
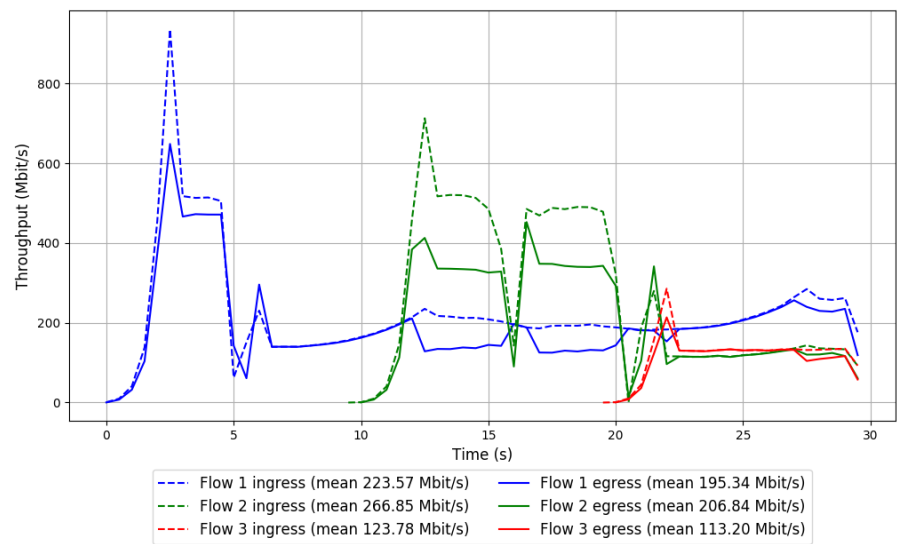
Figure is missing

Run 5: Statistics of PCC

Start at: 2017-11-30 19:25:52
End at: 2017-11-30 19:26:22
Local clock offset: 0.721 ms
Remote clock offset: -9.692 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 369.53 Mbit/s
95th percentile per-packet one-way delay: 91.514 ms
Loss rate: 16.87%
-- Flow 1:
Average throughput: 195.34 Mbit/s
95th percentile per-packet one-way delay: 94.265 ms
Loss rate: 13.13%
-- Flow 2:
Average throughput: 206.84 Mbit/s
95th percentile per-packet one-way delay: 90.215 ms
Loss rate: 23.15%
-- Flow 3:
Average throughput: 113.20 Mbit/s
95th percentile per-packet one-way delay: 85.811 ms
Loss rate: 10.07%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-11-30 19:46:00

End at: 2017-11-30 19:46:30

Local clock offset: 0.864 ms

Remote clock offset: -3.474 ms

Run 6: Report of PCC — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of PCC

Start at: 2017-11-30 20:05:27

End at: 2017-11-30 20:05:57

Local clock offset: 0.76 ms

Remote clock offset: -8.347 ms

Run 7: Report of PCC — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of PCC

Start at: 2017-11-30 20:24:49

End at: 2017-11-30 20:25:19

Local clock offset: 0.738 ms

Remote clock offset: -7.616 ms

Run 8: Report of PCC — Data Link

Figure is missing

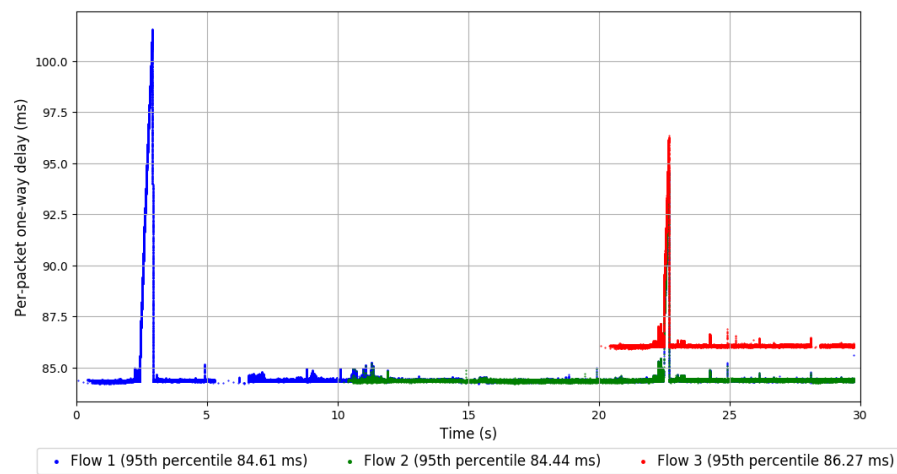
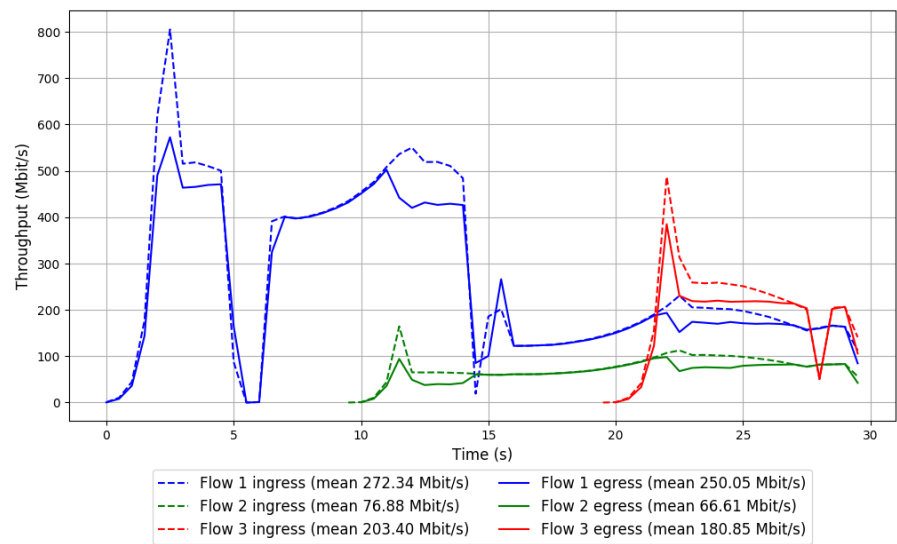
Figure is missing

Run 9: Statistics of PCC

Start at: 2017-11-30 20:44:35
End at: 2017-11-30 20:45:05
Local clock offset: 0.69 ms
Remote clock offset: -6.053 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 353.32 Mbit/s
95th percentile per-packet one-way delay: 86.116 ms
Loss rate: 10.07%
-- Flow 1:
Average throughput: 250.05 Mbit/s
95th percentile per-packet one-way delay: 84.613 ms
Loss rate: 8.69%
-- Flow 2:
Average throughput: 66.61 Mbit/s
95th percentile per-packet one-way delay: 84.441 ms
Loss rate: 14.09%
-- Flow 3:
Average throughput: 180.85 Mbit/s
95th percentile per-packet one-way delay: 86.265 ms
Loss rate: 12.61%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-11-30 21:04:48

End at: 2017-11-30 21:05:18

Local clock offset: 0.532 ms

Remote clock offset: -4.587 ms

Run 10: Report of PCC — Data Link

Figure is missing

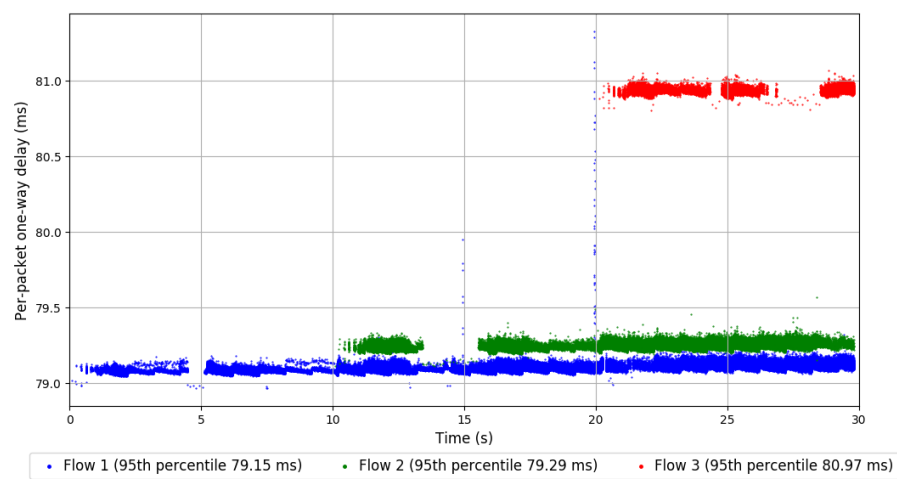
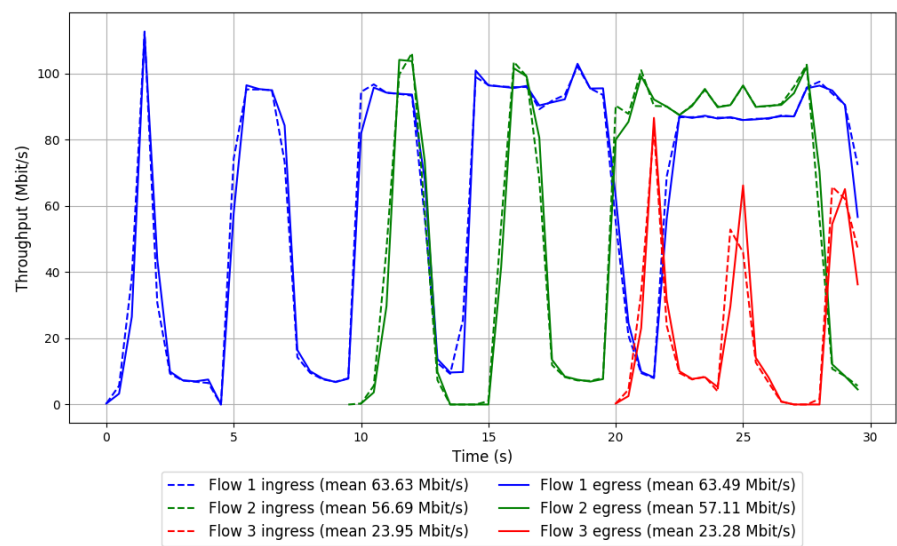
Figure is missing

Run 1: Statistics of QUIC Cubic

Start at: 2017-11-30 18:05:13
End at: 2017-11-30 18:05:43
Local clock offset: 0.371 ms
Remote clock offset: -6.656 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 108.96 Mbit/s
95th percentile per-packet one-way delay: 80.924 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 63.49 Mbit/s
95th percentile per-packet one-way delay: 79.149 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 57.11 Mbit/s
95th percentile per-packet one-way delay: 79.290 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.28 Mbit/s
95th percentile per-packet one-way delay: 80.973 ms
Loss rate: 4.43%

Run 1: Report of QUIC Cubic — Data Link

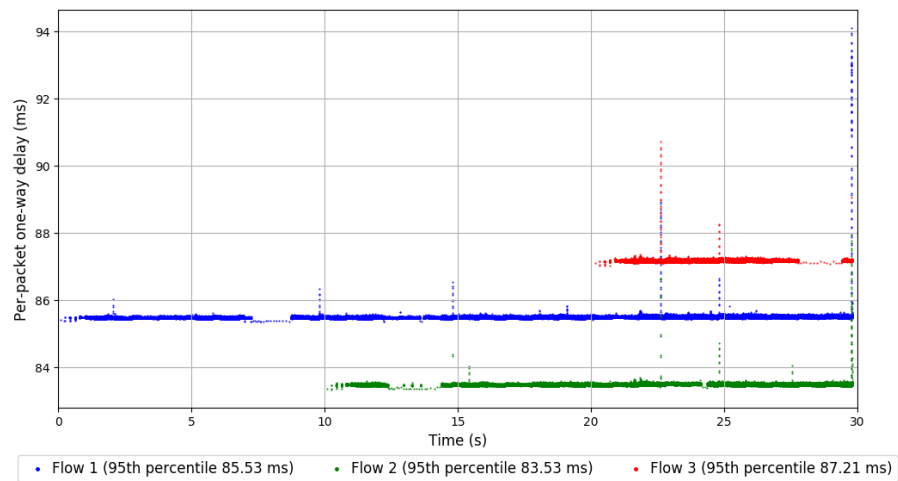
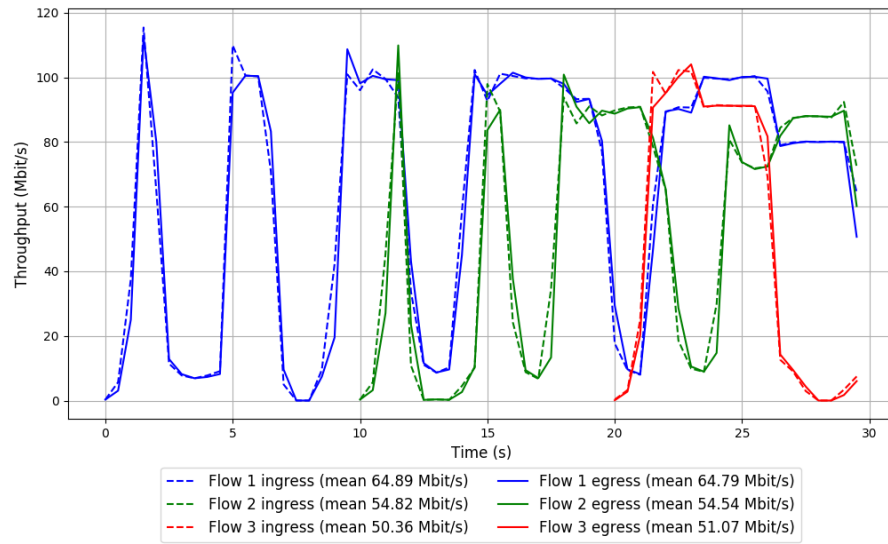


Run 2: Statistics of QUIC Cubic

Start at: 2017-11-30 18:25:05
End at: 2017-11-30 18:25:35
Local clock offset: 0.587 ms
Remote clock offset: -11.249 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 117.55 Mbit/s
95th percentile per-packet one-way delay: 87.180 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 64.79 Mbit/s
95th percentile per-packet one-way delay: 85.535 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 54.54 Mbit/s
95th percentile per-packet one-way delay: 83.526 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 51.07 Mbit/s
95th percentile per-packet one-way delay: 87.212 ms
Loss rate: 0.31%

Run 2: Report of QUIC Cubic — Data Link

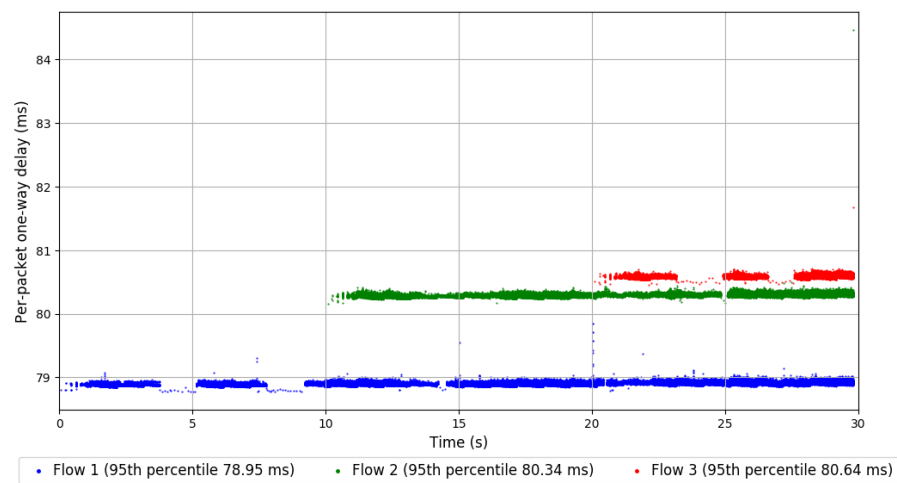
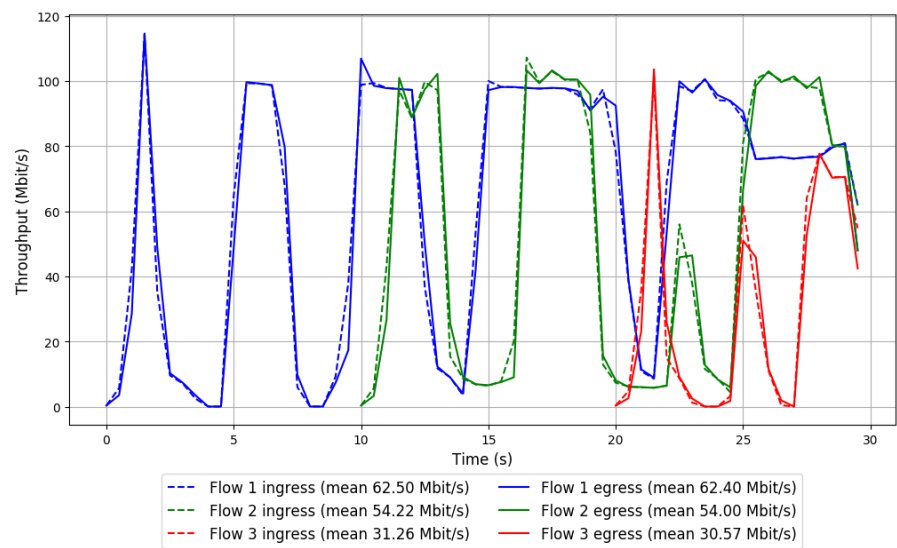


Run 3: Statistics of QUIC Cubic

Start at: 2017-11-30 18:44:54
End at: 2017-11-30 18:45:24
Local clock offset: 0.717 ms
Remote clock offset: -5.661 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 108.18 Mbit/s
95th percentile per-packet one-way delay: 80.587 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 78.946 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 54.00 Mbit/s
95th percentile per-packet one-way delay: 80.338 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 80.635 ms
Loss rate: 3.86%

Run 3: Report of QUIC Cubic — Data Link

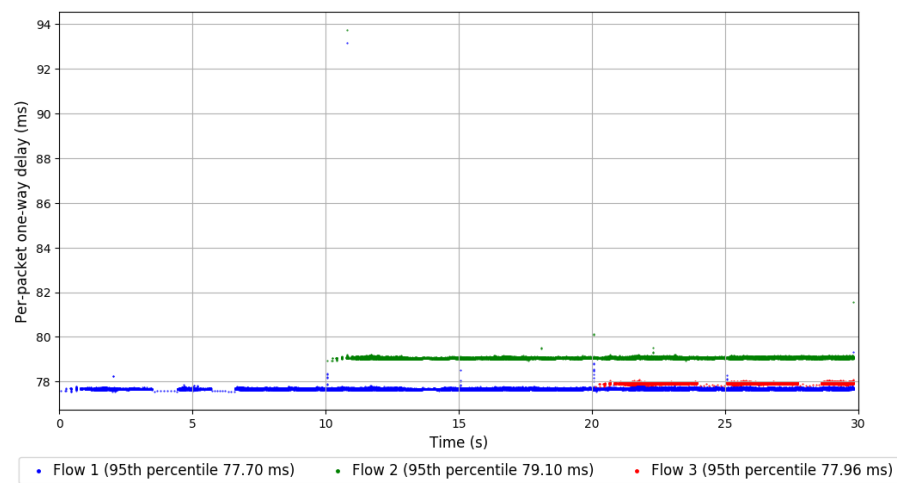
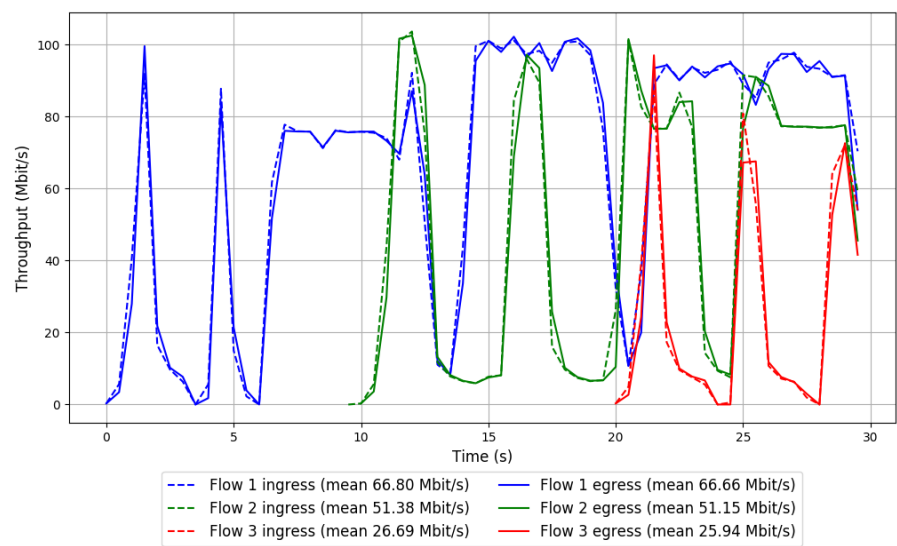


Run 4: Statistics of QUIC Cubic

Start at: 2017-11-30 19:04:38
End at: 2017-11-30 19:05:08
Local clock offset: 0.77 ms
Remote clock offset: -3.881 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 109.05 Mbit/s
95th percentile per-packet one-way delay: 79.083 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 66.66 Mbit/s
95th percentile per-packet one-way delay: 77.704 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 51.15 Mbit/s
95th percentile per-packet one-way delay: 79.099 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 77.962 ms
Loss rate: 4.44%

Run 4: Report of QUIC Cubic — Data Link

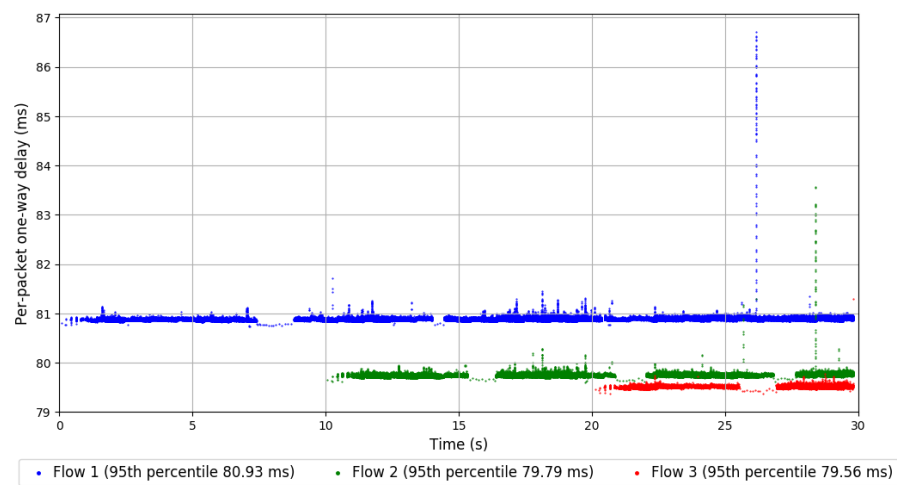
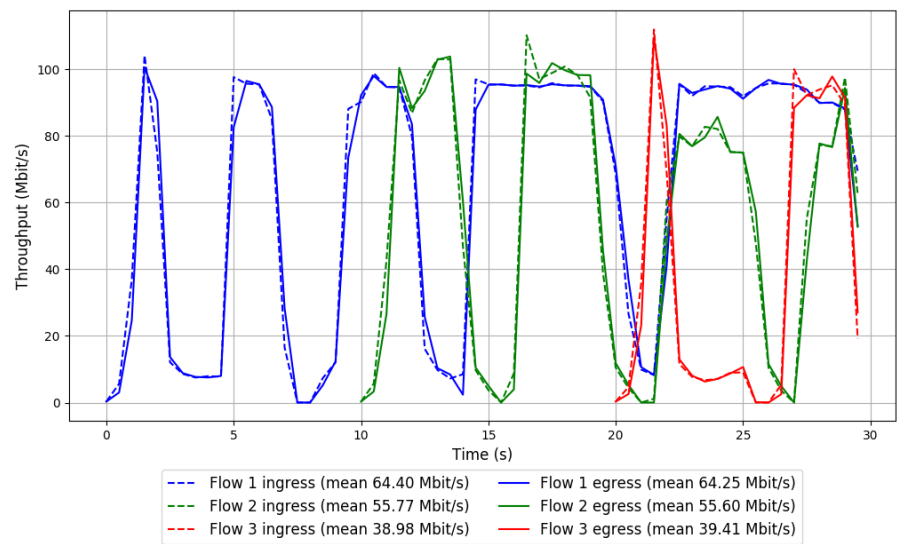


Run 5: Statistics of QUIC Cubic

Start at: 2017-11-30 19:24:32
End at: 2017-11-30 19:25:02
Local clock offset: 0.789 ms
Remote clock offset: -3.236 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.98 Mbit/s
95th percentile per-packet one-way delay: 80.918 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 64.25 Mbit/s
95th percentile per-packet one-way delay: 80.927 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 55.60 Mbit/s
95th percentile per-packet one-way delay: 79.790 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 39.41 Mbit/s
95th percentile per-packet one-way delay: 79.556 ms
Loss rate: 0.59%

Run 5: Report of QUIC Cubic — Data Link

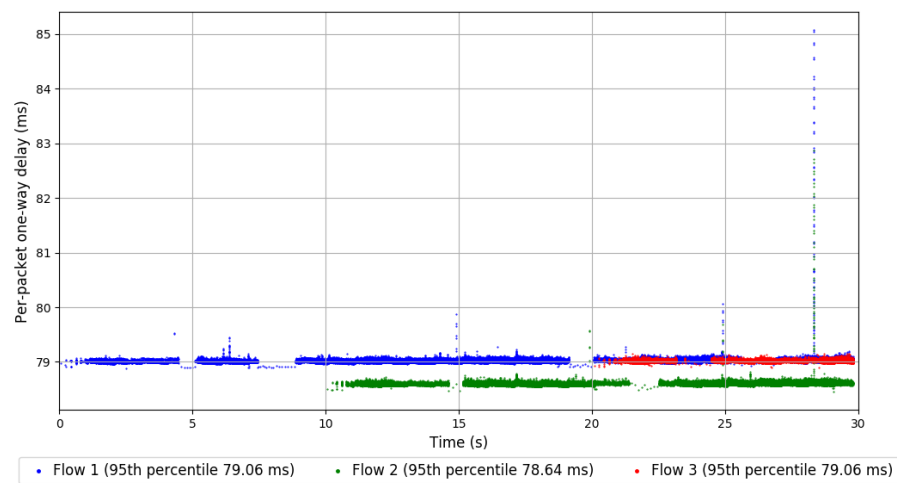
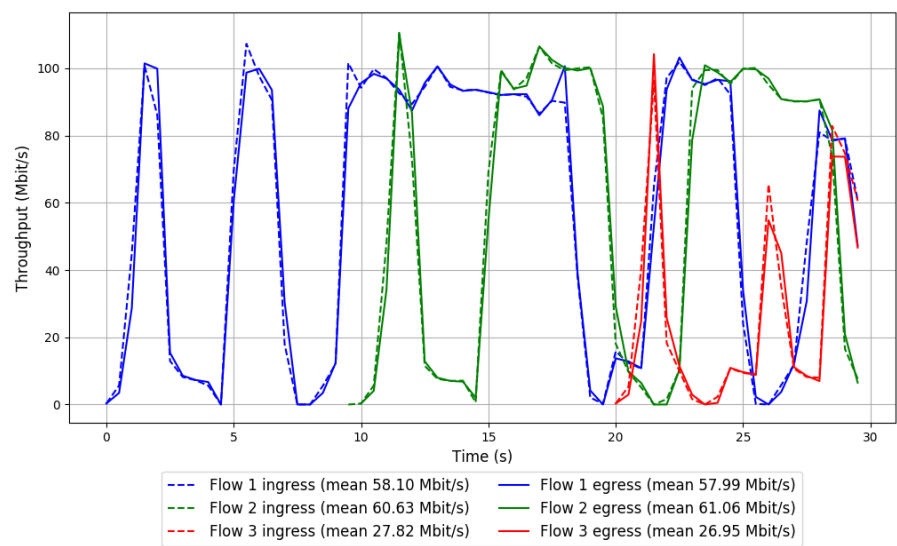


Run 6: Statistics of QUIC Cubic

Start at: 2017-11-30 19:44:40
End at: 2017-11-30 19:45:10
Local clock offset: 0.844 ms
Remote clock offset: -3.552 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 107.32 Mbit/s
95th percentile per-packet one-way delay: 79.057 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 57.99 Mbit/s
95th percentile per-packet one-way delay: 79.064 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 61.06 Mbit/s
95th percentile per-packet one-way delay: 78.645 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 26.95 Mbit/s
95th percentile per-packet one-way delay: 79.059 ms
Loss rate: 4.77%

Run 6: Report of QUIC Cubic — Data Link

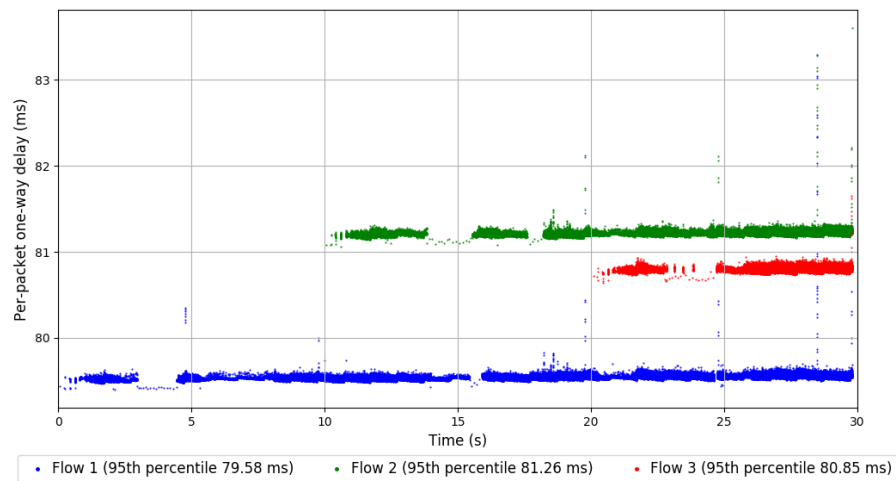
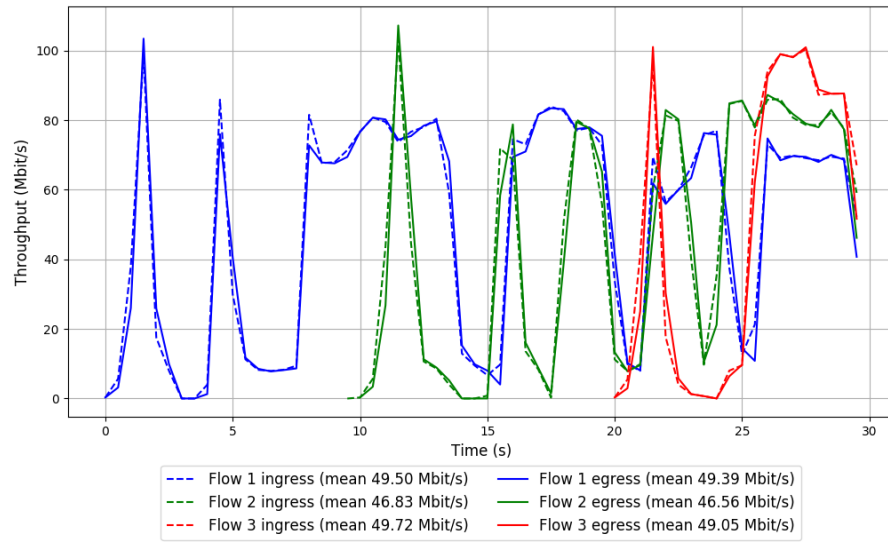


Run 7: Statistics of QUIC Cubic

Start at: 2017-11-30 20:04:08
End at: 2017-11-30 20:04:38
Local clock offset: 0.839 ms
Remote clock offset: -3.587 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 81.241 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 49.39 Mbit/s
95th percentile per-packet one-way delay: 79.584 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 46.56 Mbit/s
95th percentile per-packet one-way delay: 81.259 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 49.05 Mbit/s
95th percentile per-packet one-way delay: 80.846 ms
Loss rate: 3.01%

Run 7: Report of QUIC Cubic — Data Link

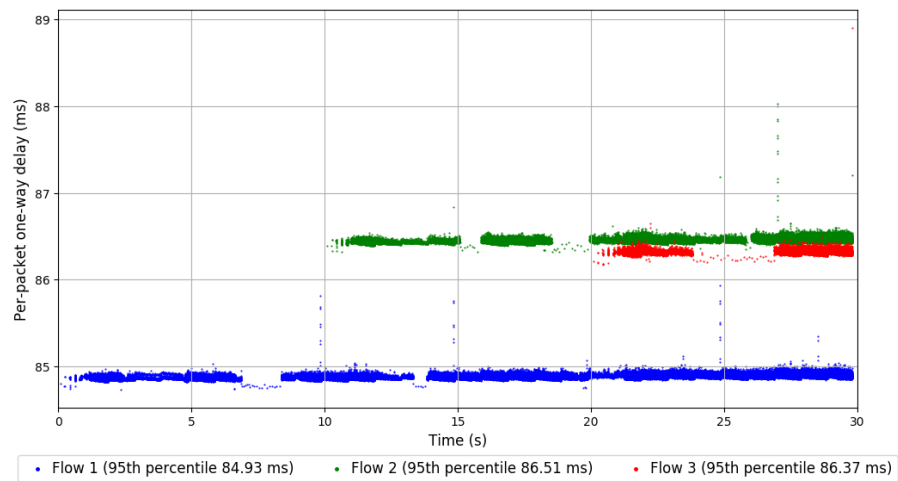
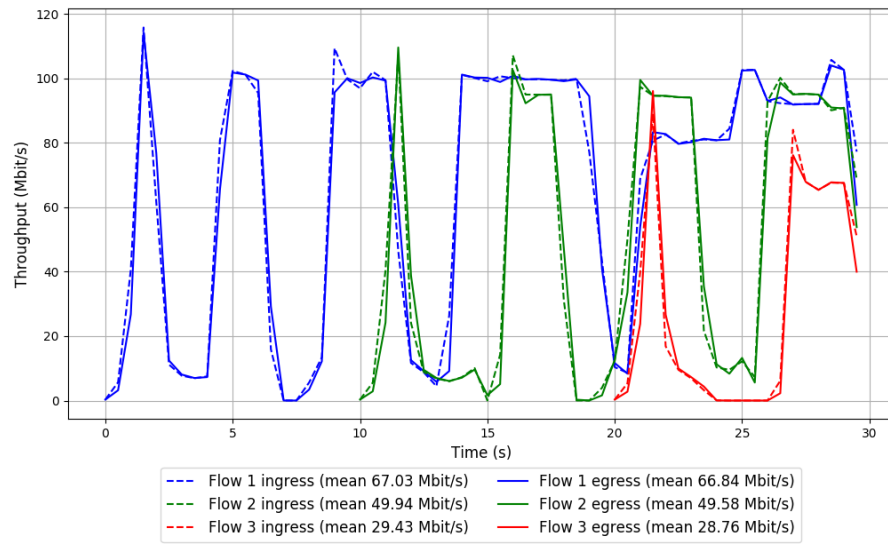


Run 8: Statistics of QUIC Cubic

Start at: 2017-11-30 20:23:29
End at: 2017-11-30 20:23:59
Local clock offset: 0.734 ms
Remote clock offset: -7.755 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 109.09 Mbit/s
95th percentile per-packet one-way delay: 86.486 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 84.931 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 49.58 Mbit/s
95th percentile per-packet one-way delay: 86.507 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 28.76 Mbit/s
95th percentile per-packet one-way delay: 86.371 ms
Loss rate: 3.90%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-11-30 20:43:15

End at: 2017-11-30 20:43:45

Local clock offset: 0.605 ms

Remote clock offset: -6.64 ms

Below is generated by plot.py at 2017-12-01 00:46:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 111.32 Mbit/s

95th percentile per-packet one-way delay: 87.623 ms

Loss rate: 0.77%

-- Flow 1:

Average throughput: 60.51 Mbit/s

95th percentile per-packet one-way delay: 85.965 ms

Loss rate: 0.70%

-- Flow 2:

Average throughput: 60.74 Mbit/s

95th percentile per-packet one-way delay: 87.640 ms

Loss rate: 0.17%

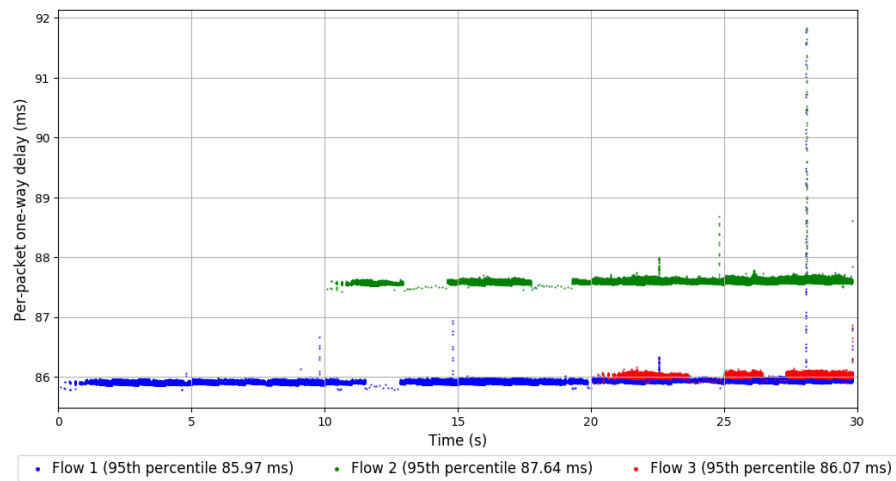
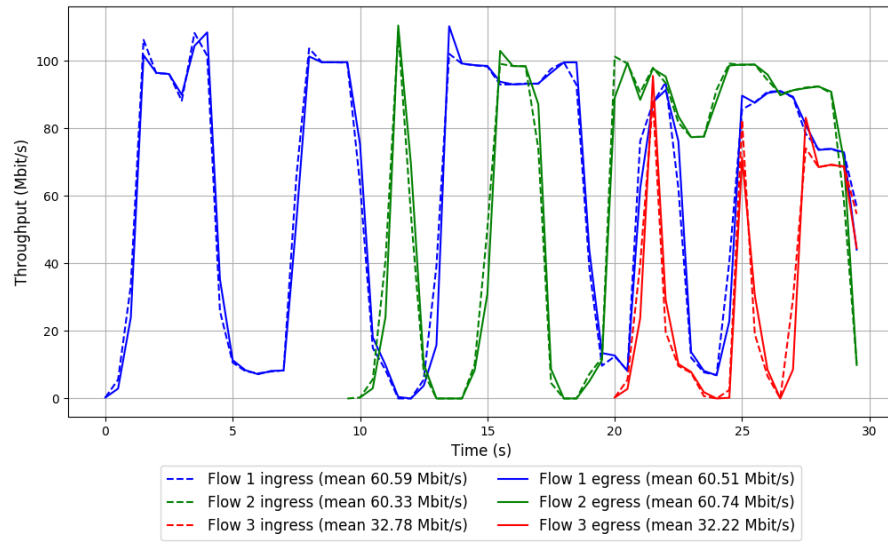
-- Flow 3:

Average throughput: 32.22 Mbit/s

95th percentile per-packet one-way delay: 86.067 ms

Loss rate: 3.40%

Run 9: Report of QUIC Cubic — Data Link

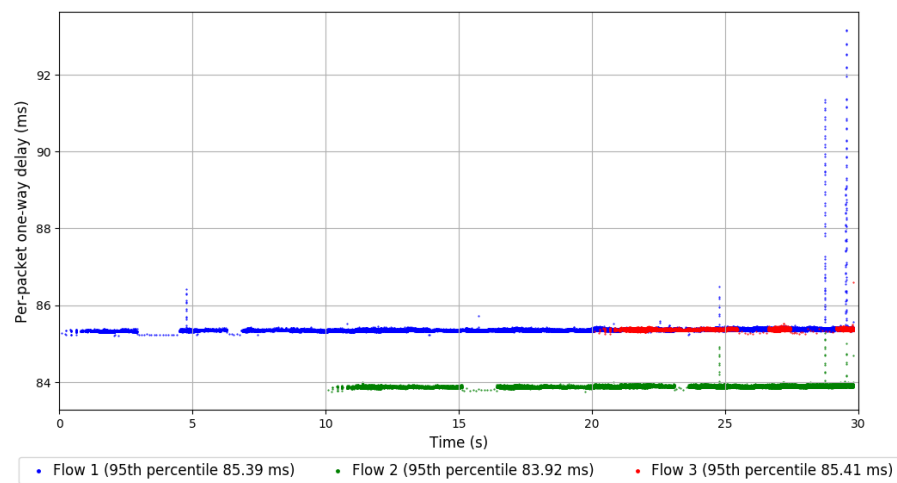
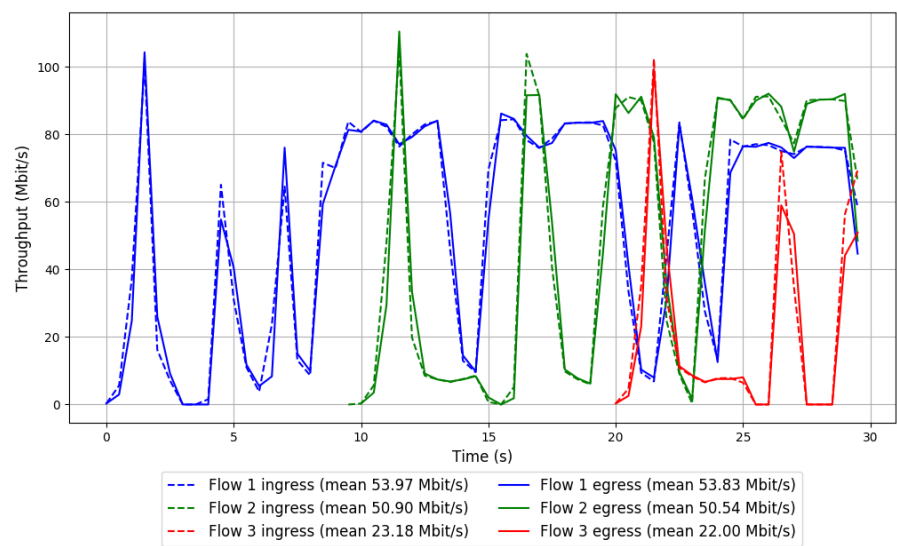


Run 10: Statistics of QUIC Cubic

Start at: 2017-11-30 21:03:29
End at: 2017-11-30 21:03:59
Local clock offset: 0.544 ms
Remote clock offset: -4.354 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.54 Mbit/s
95th percentile per-packet one-way delay: 85.390 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 53.83 Mbit/s
95th percentile per-packet one-way delay: 85.395 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 50.54 Mbit/s
95th percentile per-packet one-way delay: 83.921 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 22.00 Mbit/s
95th percentile per-packet one-way delay: 85.408 ms
Loss rate: 6.73%

Run 10: Report of QUIC Cubic — Data Link

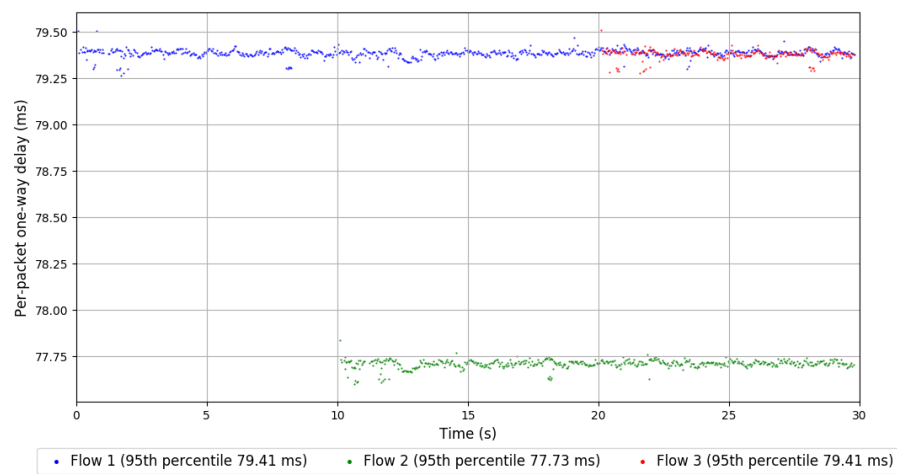
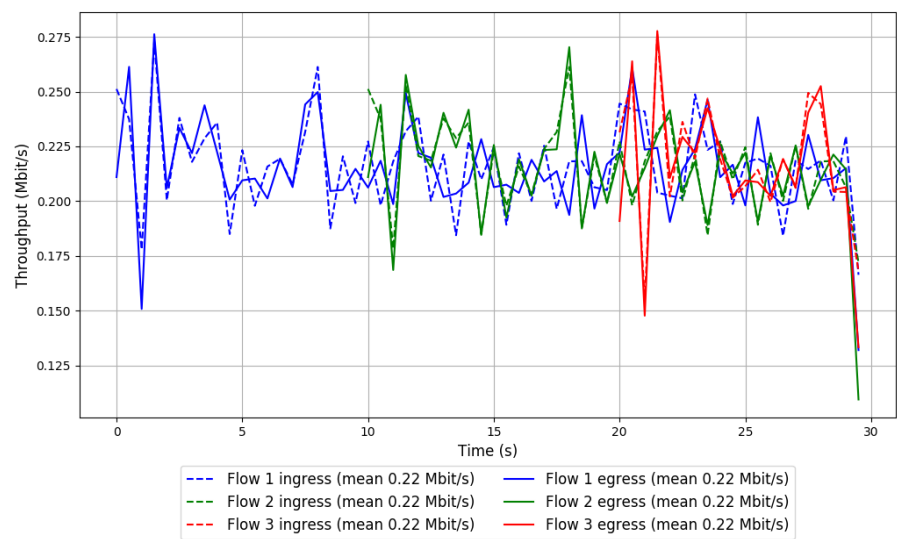


```
Run 1: Statistics of SCReAM

Start at: 2017-11-30 17:52:17
End at: 2017-11-30 17:52:47
Local clock offset: 0.278 ms
Remote clock offset: -7.206 ms

# Below is generated by plot.py at 2017-12-01 00:46:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 79.407 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.411 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.735 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.406 ms
Loss rate: 1.53%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

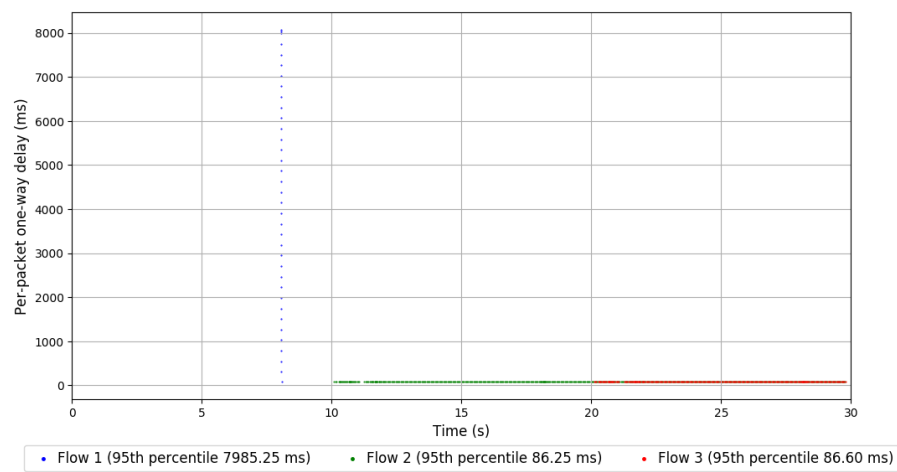
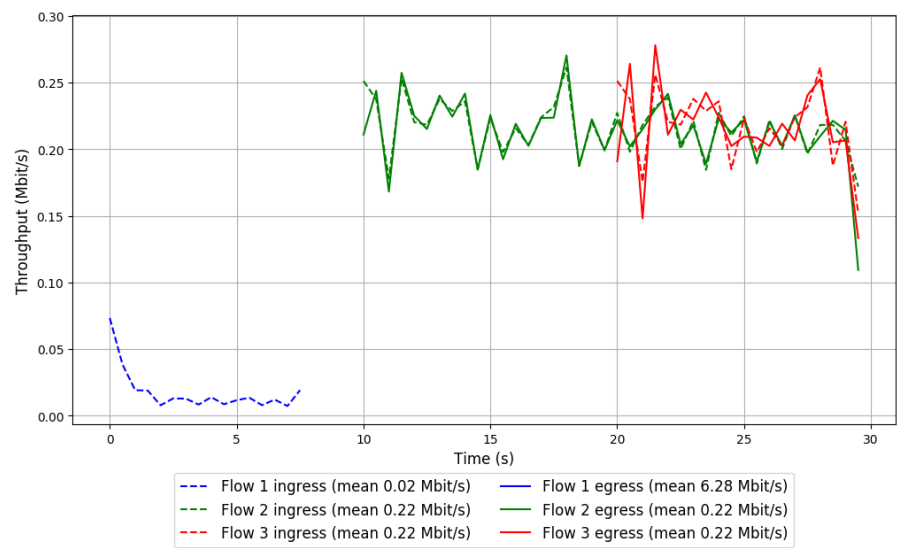
Start at: 2017-11-30 18:12:15

End at: 2017-11-30 18:12:45

Local clock offset: 0.497 ms

Remote clock offset: -12.767 ms

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

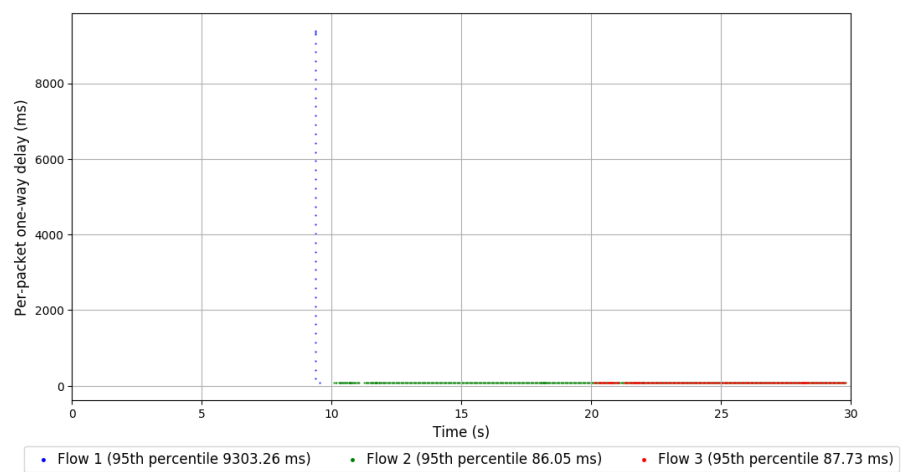
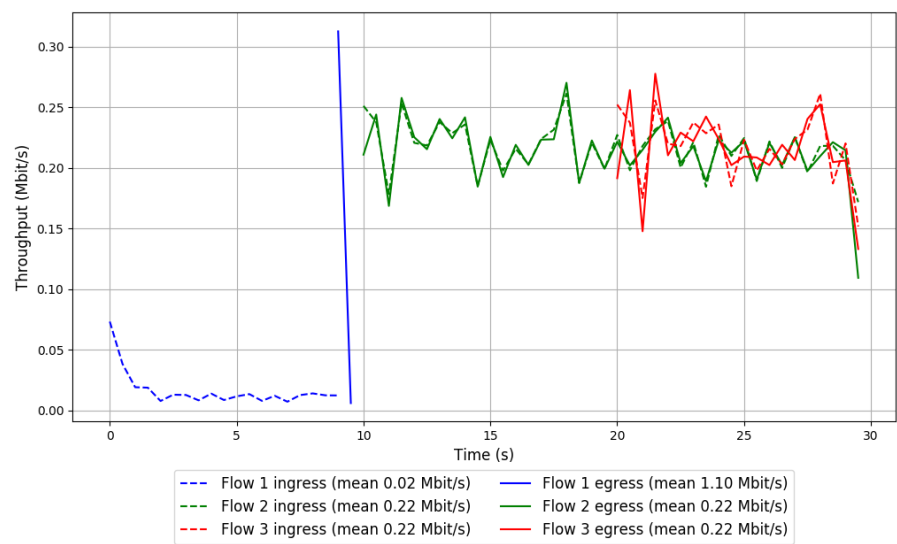
Start at: 2017-11-30 18:32:08

End at: 2017-11-30 18:32:38

Local clock offset: 0.638 ms

Remote clock offset: -11.938 ms

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

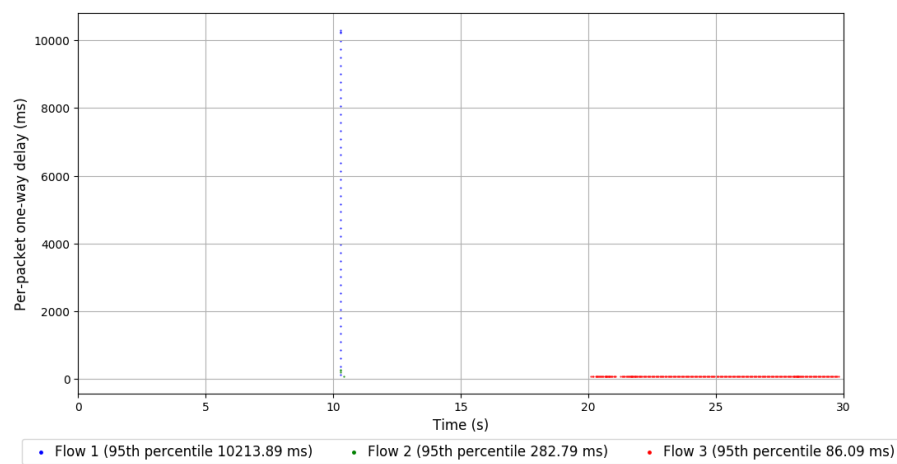
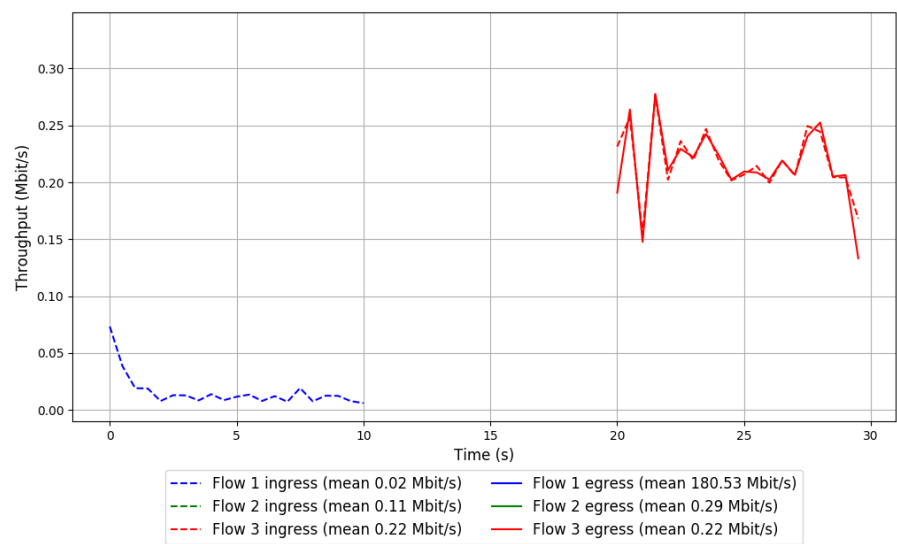
Start at: 2017-11-30 18:51:57

End at: 2017-11-30 18:52:27

Local clock offset: 0.663 ms

Remote clock offset: -10.743 ms

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

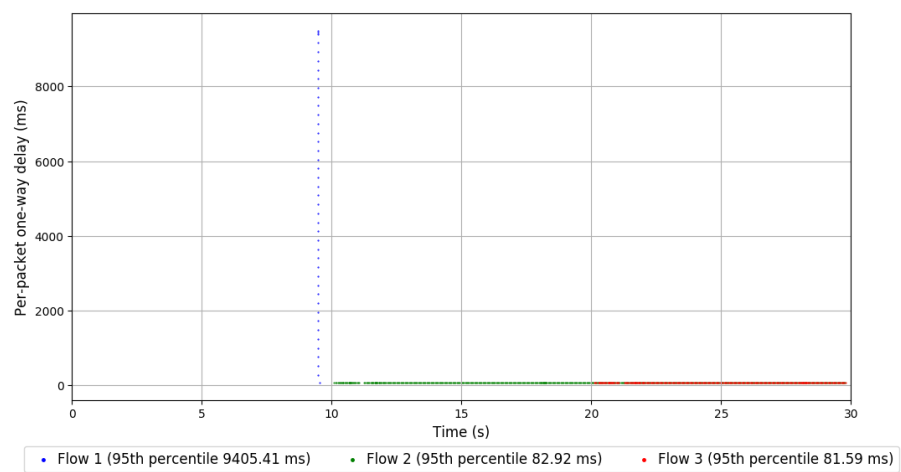
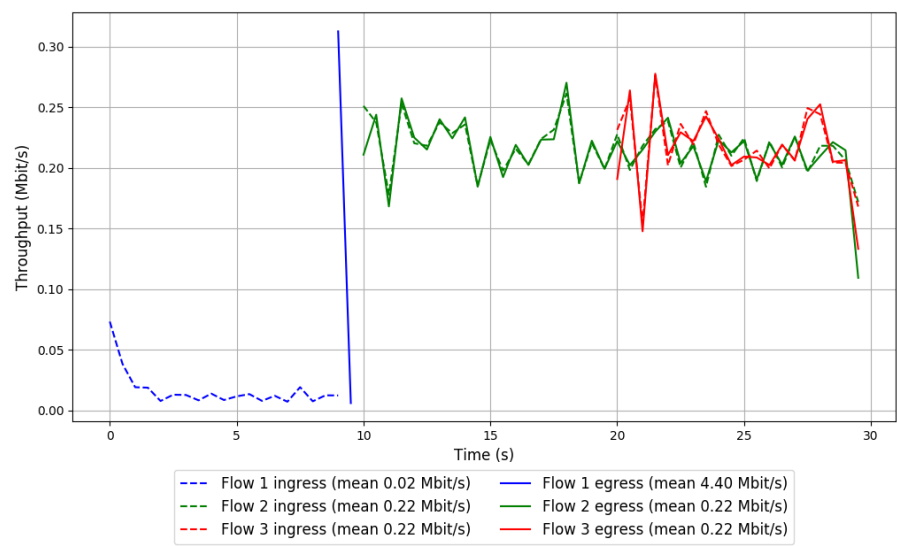
Start at: 2017-11-30 19:11:42

End at: 2017-11-30 19:12:12

Local clock offset: 0.792 ms

Remote clock offset: -5.614 ms

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

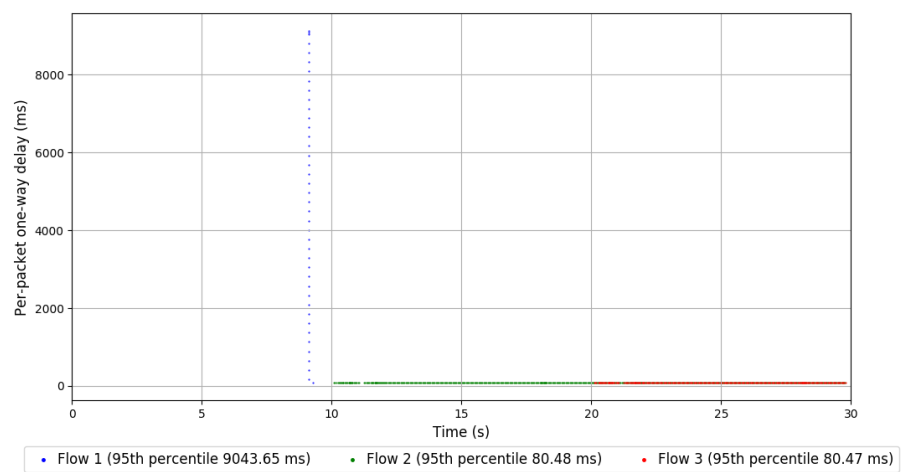
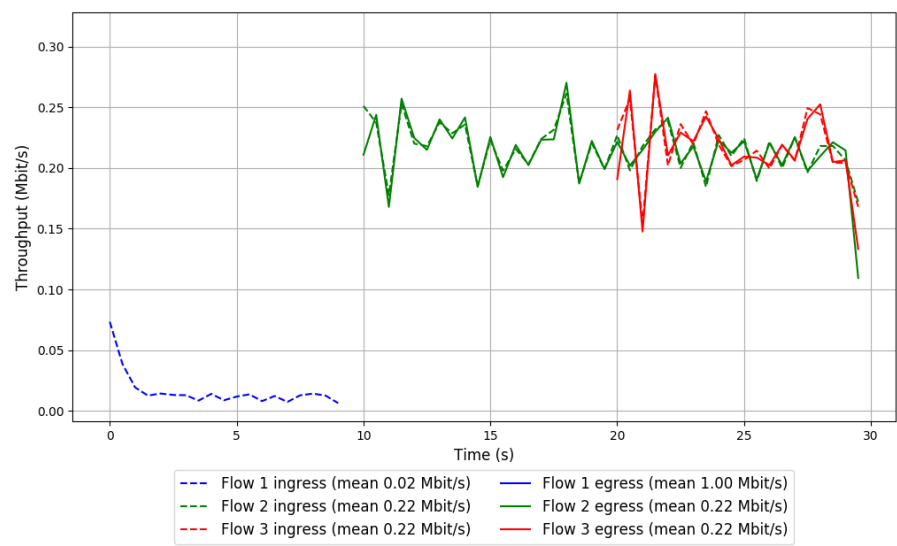
Start at: 2017-11-30 19:31:52

End at: 2017-11-30 19:32:22

Local clock offset: 0.81 ms

Remote clock offset: -3.646 ms

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

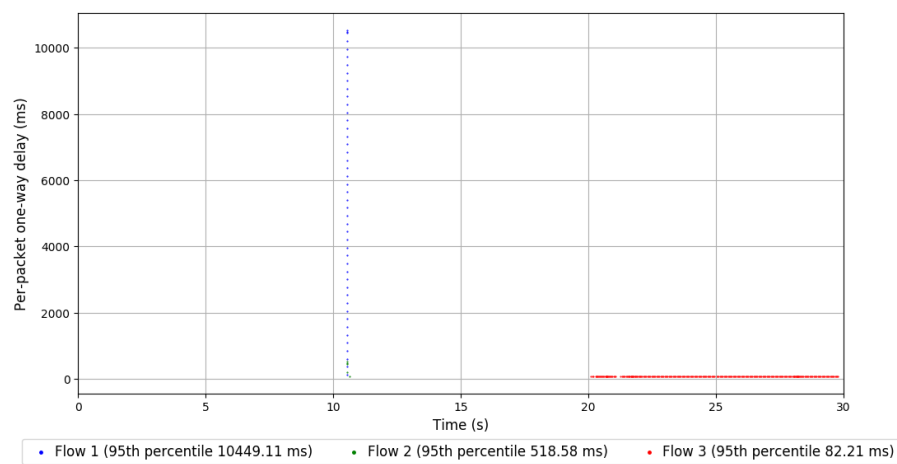
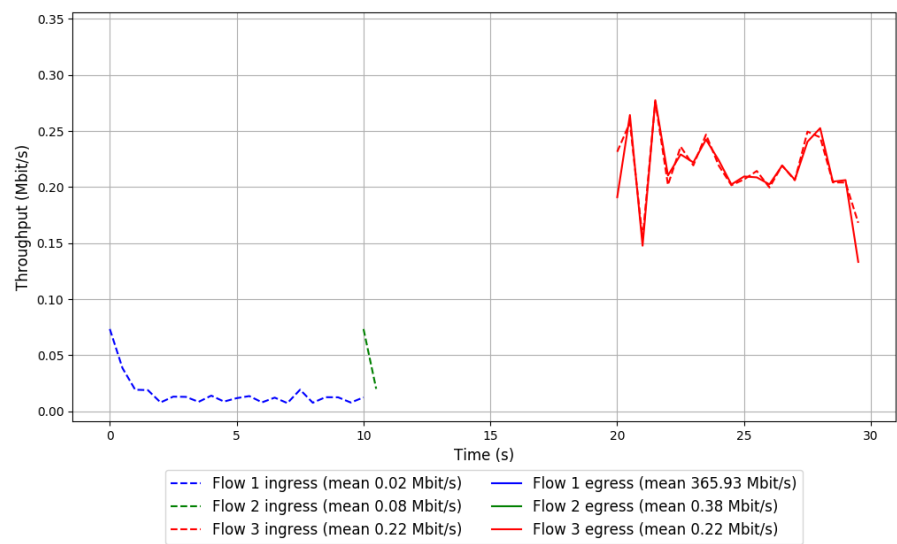
Start at: 2017-11-30 19:51:34

End at: 2017-11-30 19:52:04

Local clock offset: 0.84 ms

Remote clock offset: -3.581 ms

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

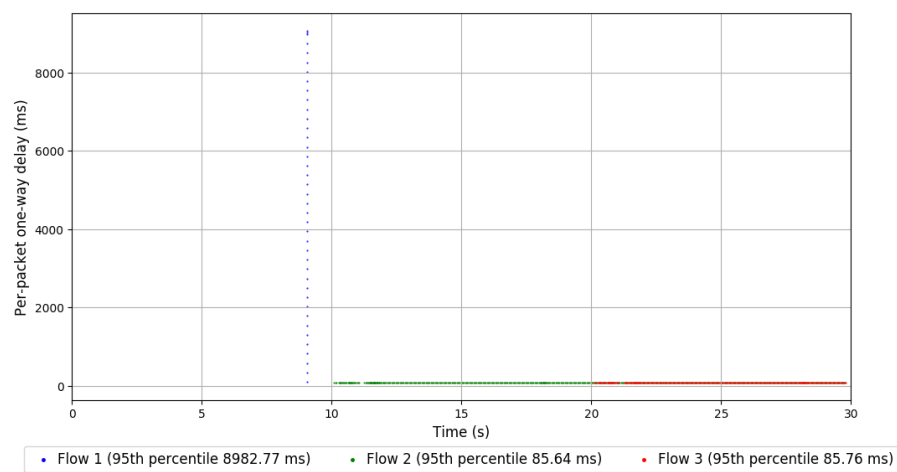
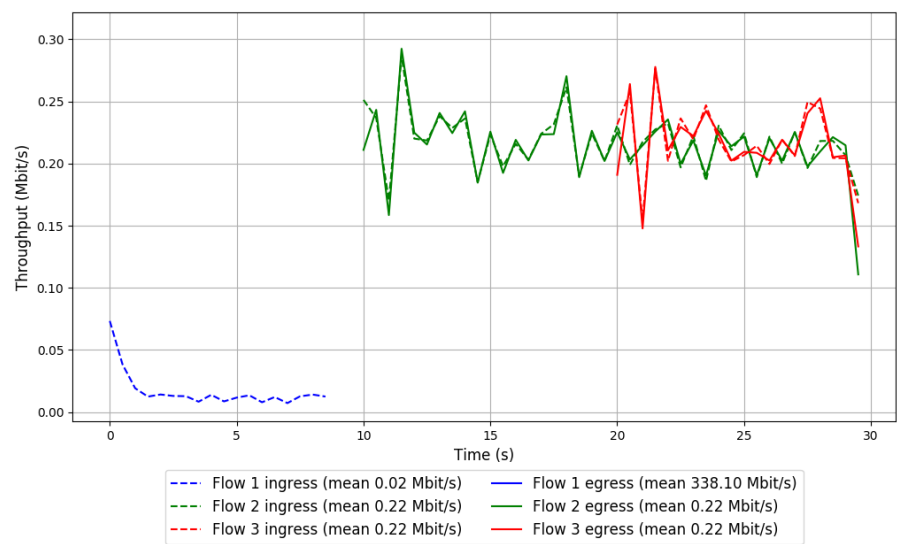
Start at: 2017-11-30 20:11:01

End at: 2017-11-30 20:11:31

Local clock offset: 0.813 ms

Remote clock offset: -7.635 ms

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

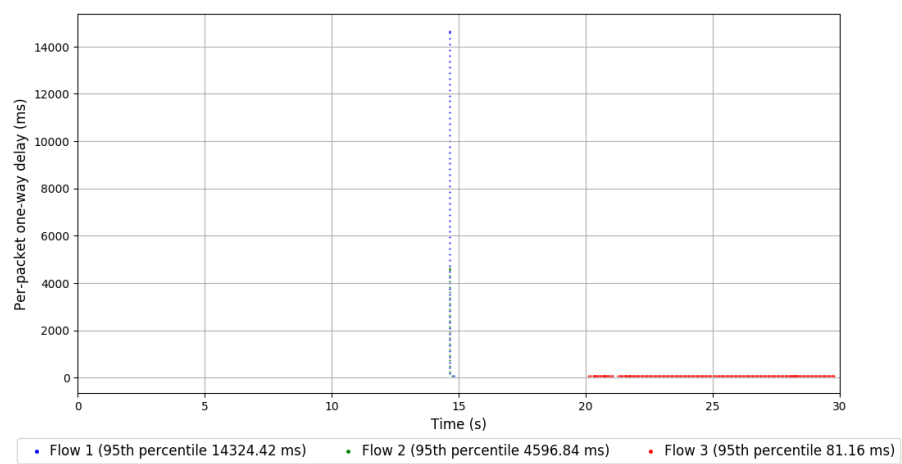
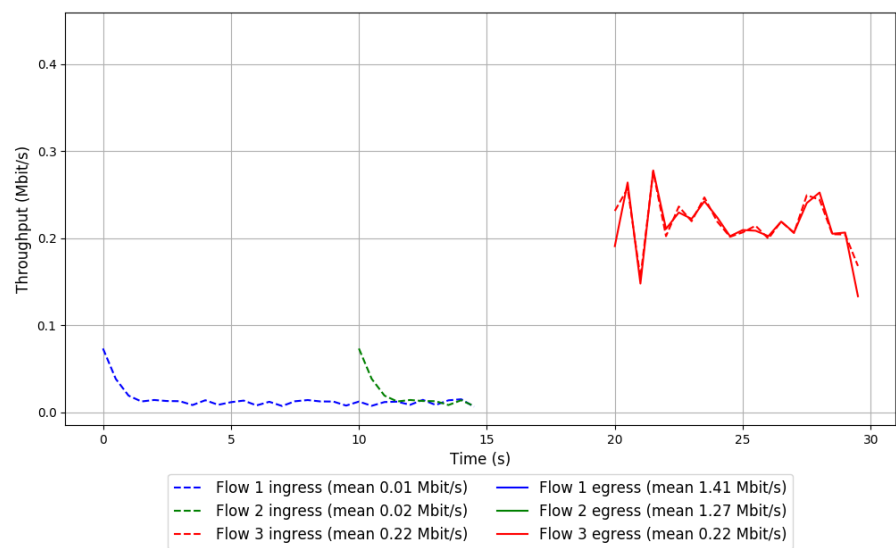
Start at: 2017-11-30 20:30:29

End at: 2017-11-30 20:30:59

Local clock offset: 0.709 ms

Remote clock offset: -2.061 ms

Run 9: Report of SReAM — Data Link

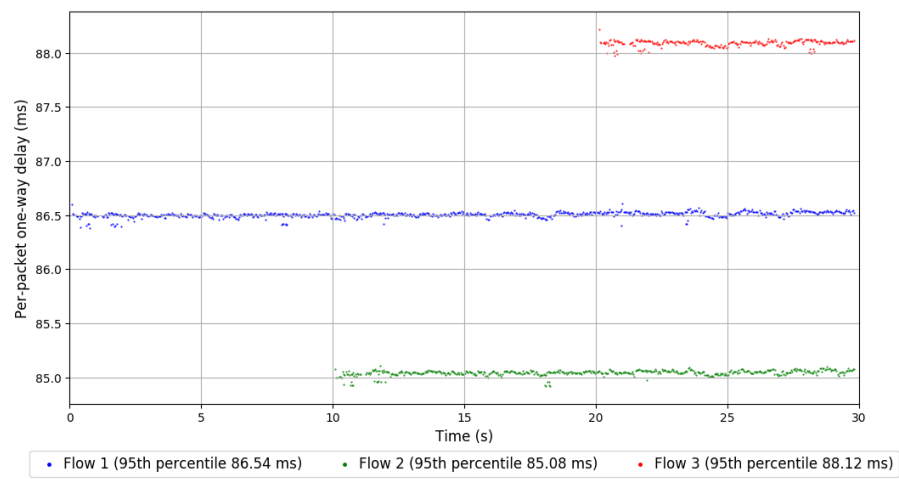
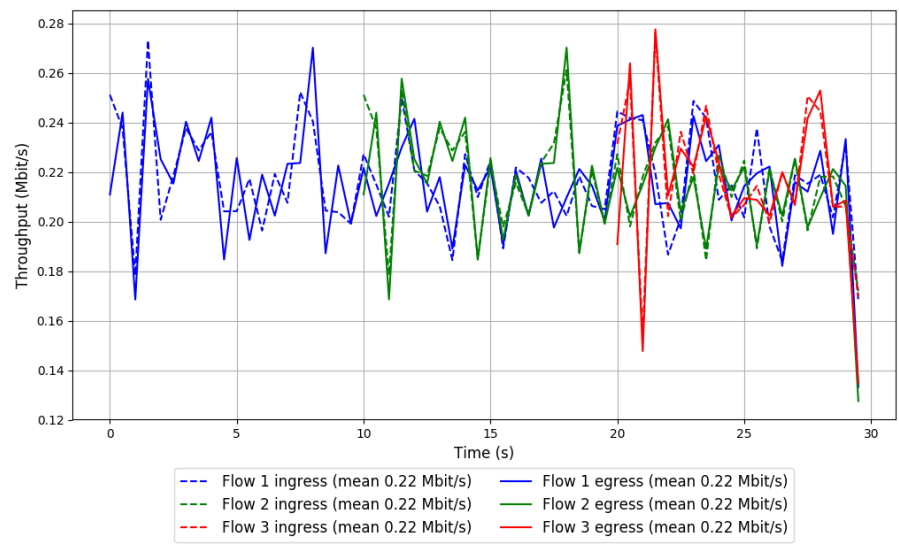


Run 10: Statistics of SReAM

Start at: 2017-11-30 20:50:44
End at: 2017-11-30 20:51:14
Local clock offset: 0.619 ms
Remote clock offset: -6.476 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 88.107 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.540 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.075 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.123 ms
Loss rate: 1.54%

Run 10: Report of SCReAM — Data Link

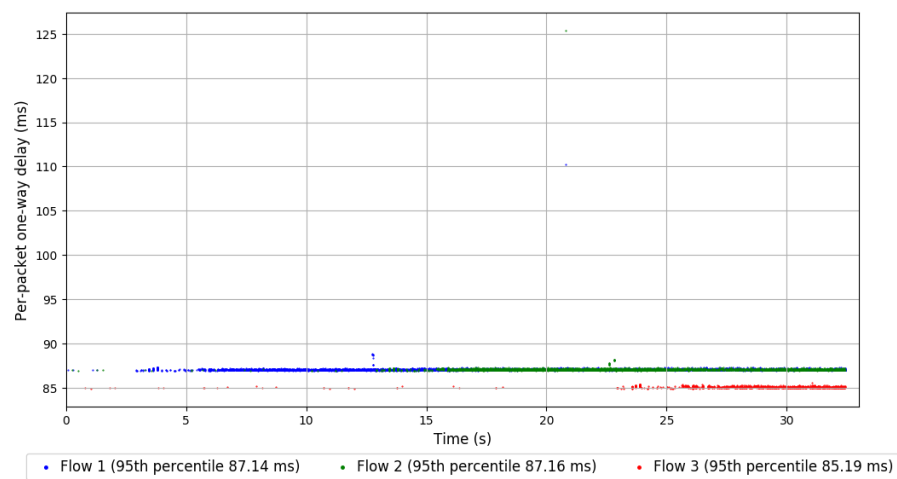
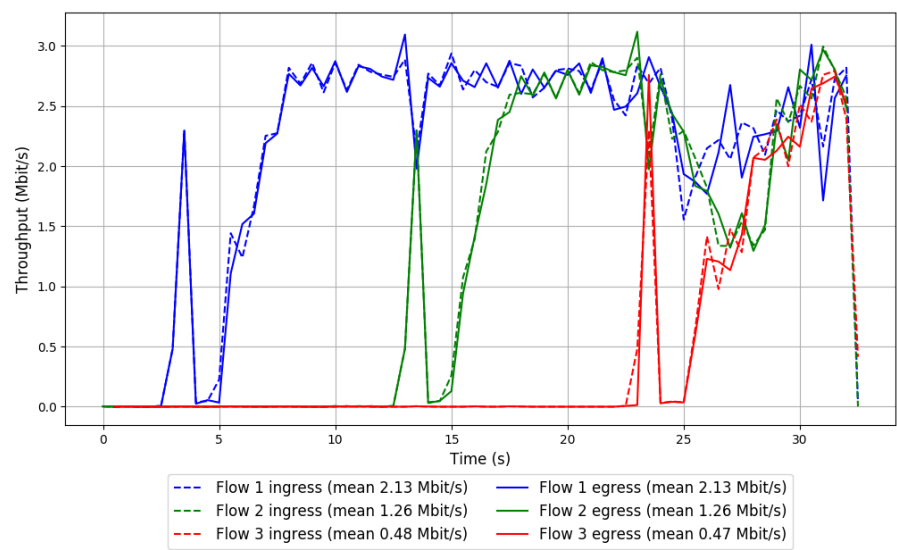


```
Run 1: Statistics of WebRTC media

Start at: 2017-11-30 17:55:00
End at: 2017-11-30 17:55:30
Local clock offset: 0.365 ms
Remote clock offset: -13.185 ms

# Below is generated by plot.py at 2017-12-01 00:46:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 87.138 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 87.139 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 87.155 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 85.194 ms
Loss rate: 2.62%
```


Run 1: Report of WebRTC media — Data Link

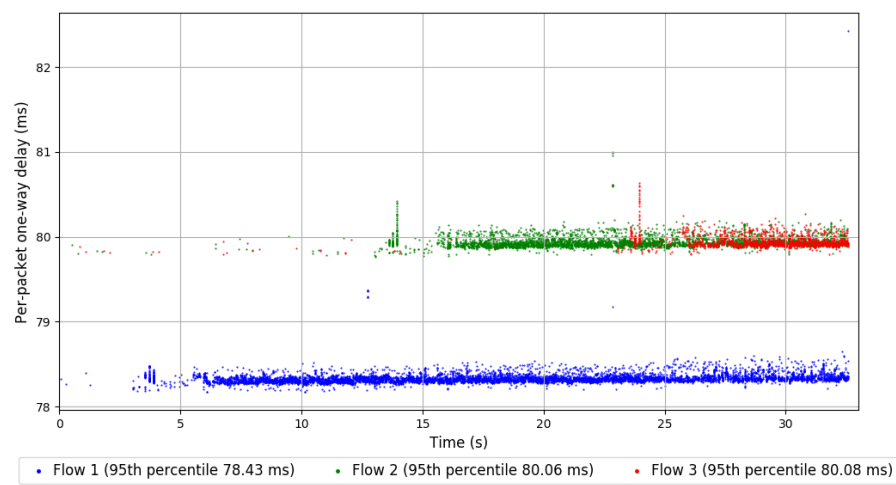
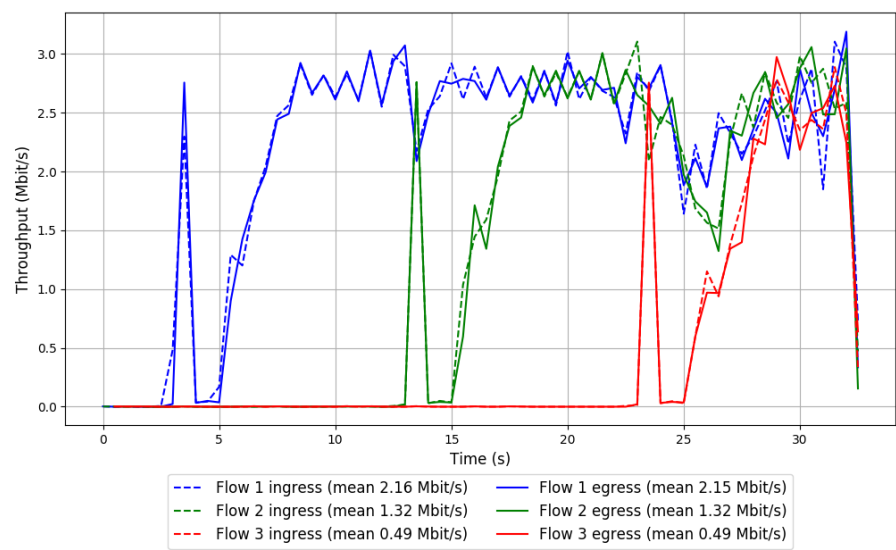


Run 2: Statistics of WebRTC media

Start at: 2017-11-30 18:14:56
End at: 2017-11-30 18:15:26
Local clock offset: 0.5 ms
Remote clock offset: -6.263 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 80.017 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 78.432 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 80.060 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 80.077 ms
Loss rate: 1.03%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-11-30 18:34:48

End at: 2017-11-30 18:35:18

Local clock offset: 0.586 ms

Remote clock offset: -7.0 ms

Below is generated by plot.py at 2017-12-01 00:46:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.89 Mbit/s

95th percentile per-packet one-way delay: 83.282 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 83.317 ms

Loss rate: 0.92%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 81.770 ms

Loss rate: 0.55%

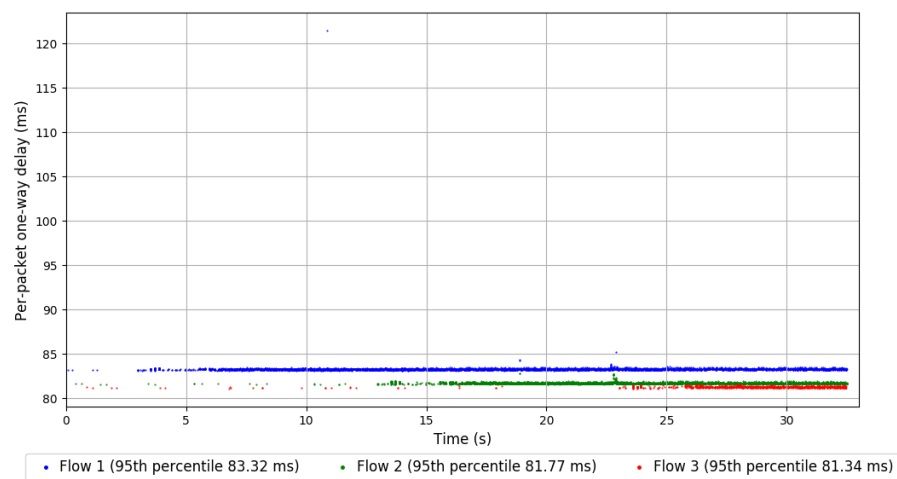
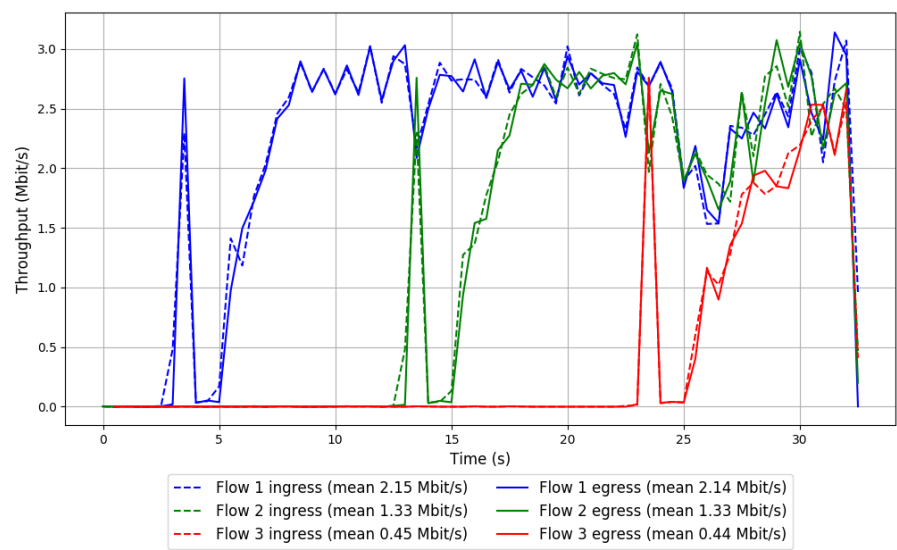
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 81.342 ms

Loss rate: 2.48%

Run 3: Report of WebRTC media — Data Link

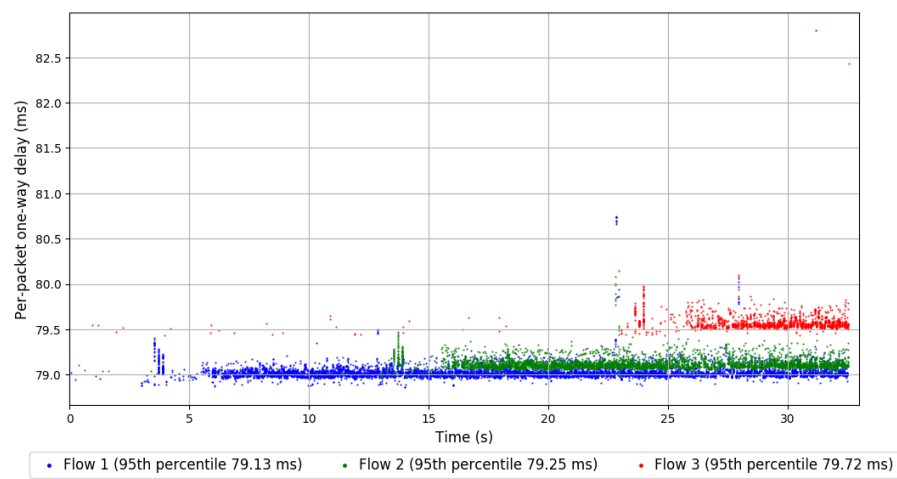
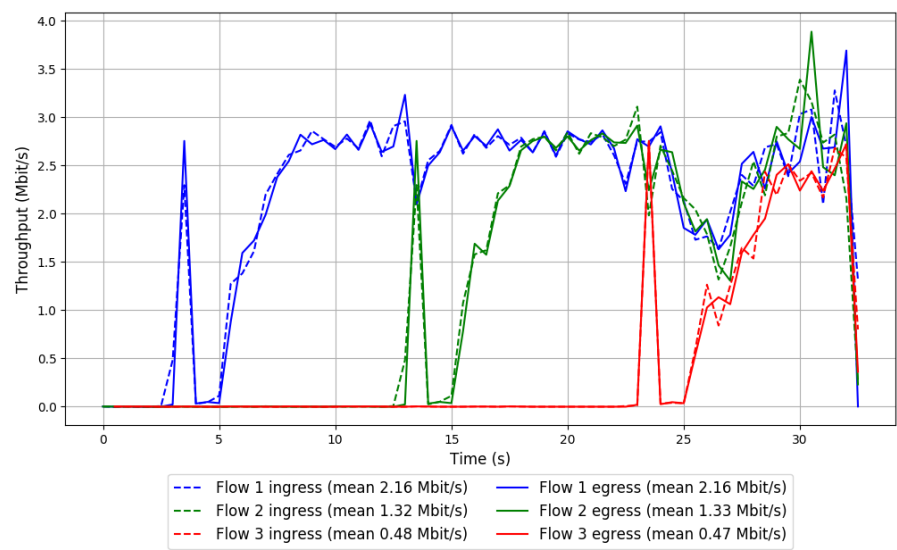


Run 4: Statistics of WebRTC media

Start at: 2017-11-30 18:54:27
End at: 2017-11-30 18:54:57
Local clock offset: 0.707 ms
Remote clock offset: -4.141 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 79.567 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 79.133 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 79.249 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 79.722 ms
Loss rate: 2.66%

Run 4: Report of WebRTC media — Data Link

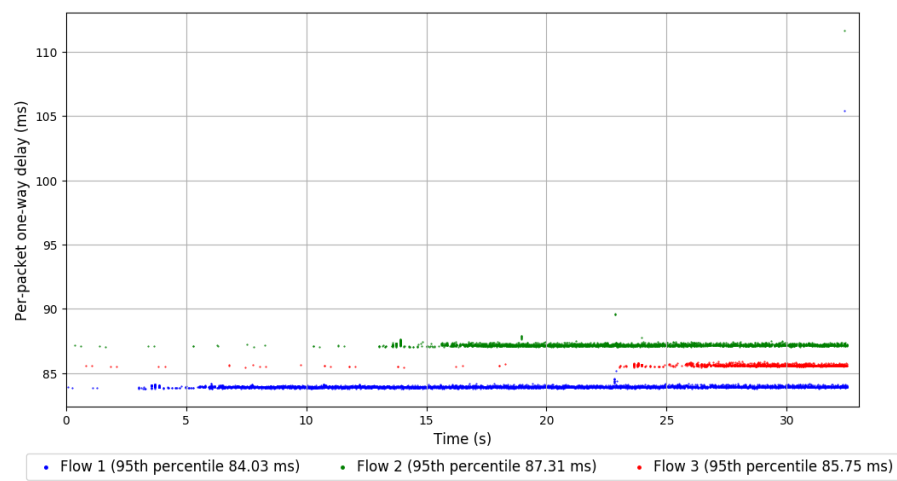
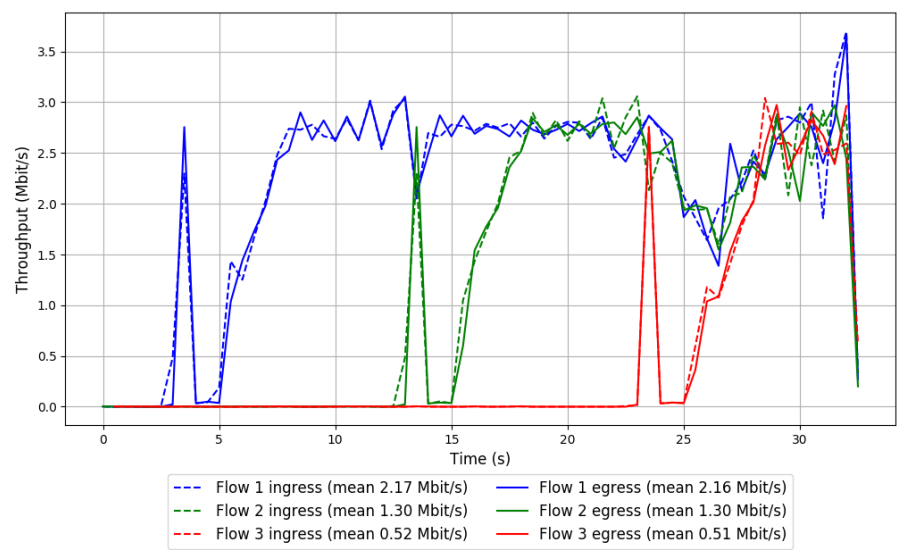


Run 5: Statistics of WebRTC media

Start at: 2017-11-30 19:14:23
End at: 2017-11-30 19:14:53
Local clock offset: 0.797 ms
Remote clock offset: -9.555 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 87.230 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 84.028 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 87.315 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 85.745 ms
Loss rate: 2.35%

Run 5: Report of WebRTC media — Data Link

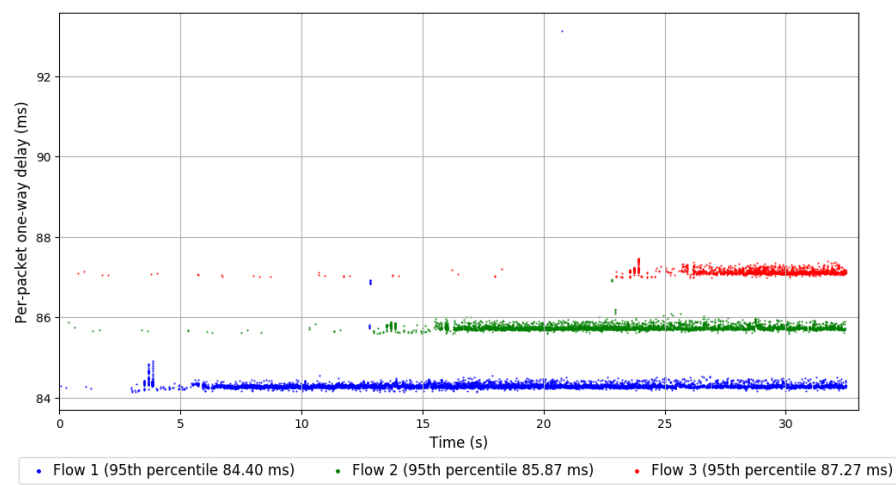
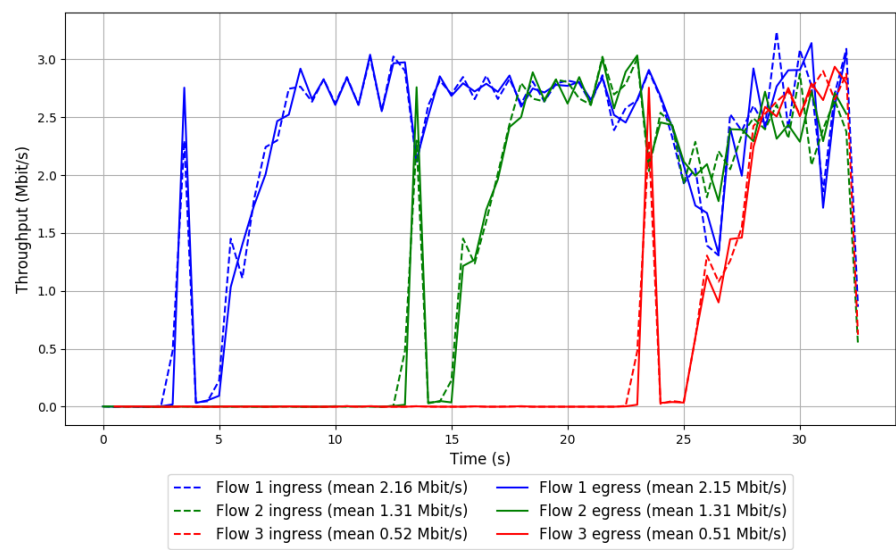


Run 6: Statistics of WebRTC media

Start at: 2017-11-30 19:34:33
End at: 2017-11-30 19:35:03
Local clock offset: 0.835 ms
Remote clock offset: -9.087 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 87.135 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 84.399 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 85.867 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 87.273 ms
Loss rate: 3.36%

Run 6: Report of WebRTC media — Data Link

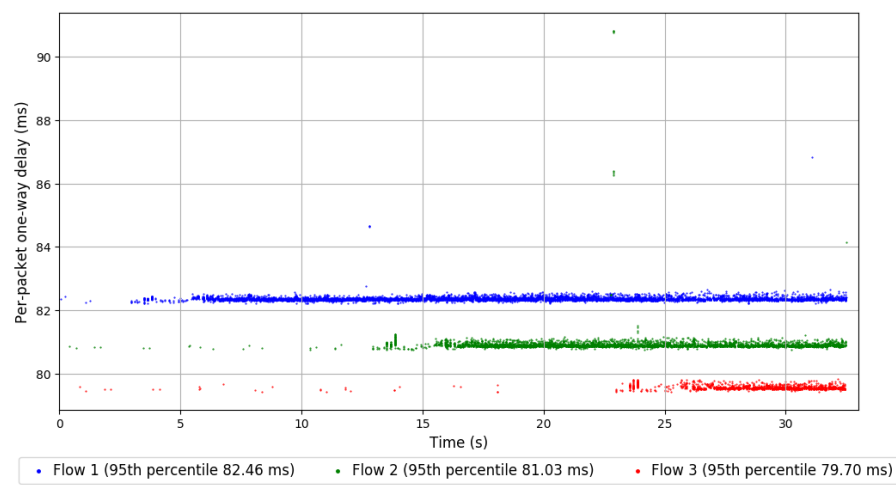
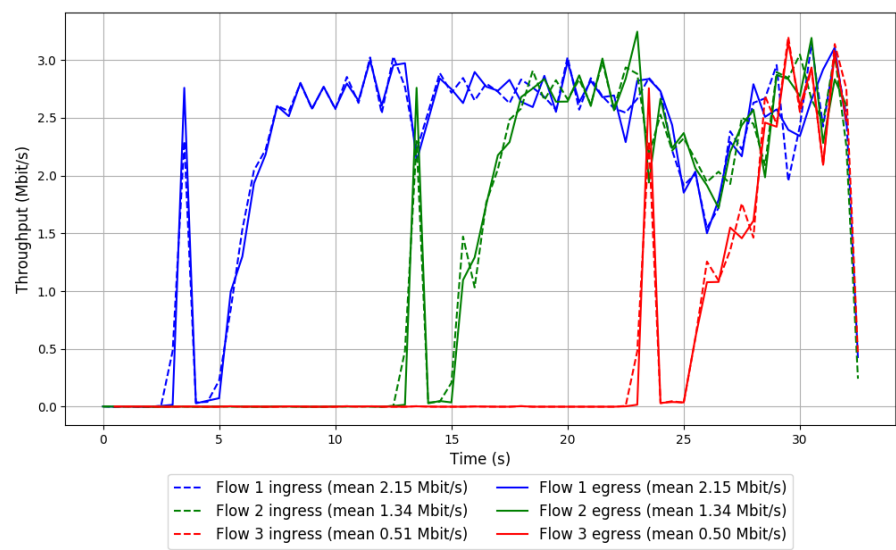


Run 7: Statistics of WebRTC media

Start at: 2017-11-30 19:54:03
End at: 2017-11-30 19:54:33
Local clock offset: 0.891 ms
Remote clock offset: -3.907 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.95 Mbit/s
95th percentile per-packet one-way delay: 82.429 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 82.462 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 81.035 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 79.698 ms
Loss rate: 3.64%

Run 7: Report of WebRTC media — Data Link

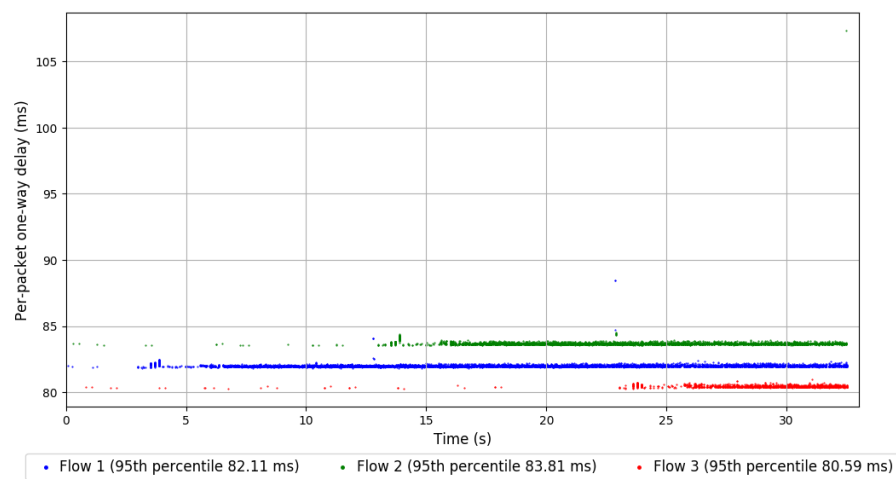
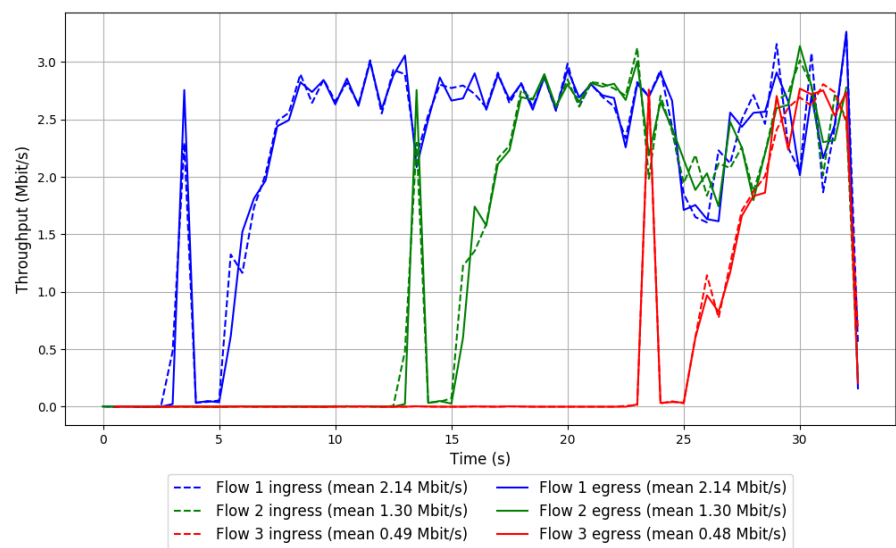


Run 8: Statistics of WebRTC media

Start at: 2017-11-30 20:13:31
End at: 2017-11-30 20:14:01
Local clock offset: 0.782 ms
Remote clock offset: -3.884 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 83.724 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 82.108 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 83.809 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 80.590 ms
Loss rate: 2.53%

Run 8: Report of WebRTC media — Data Link

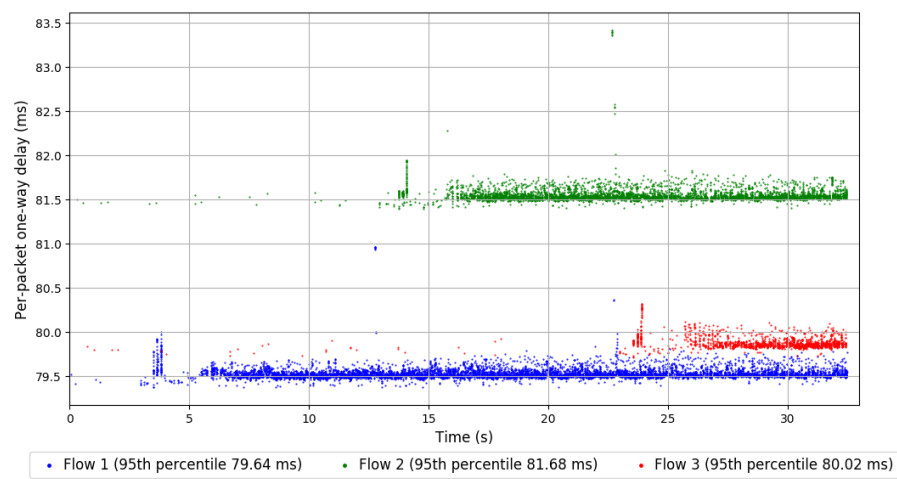
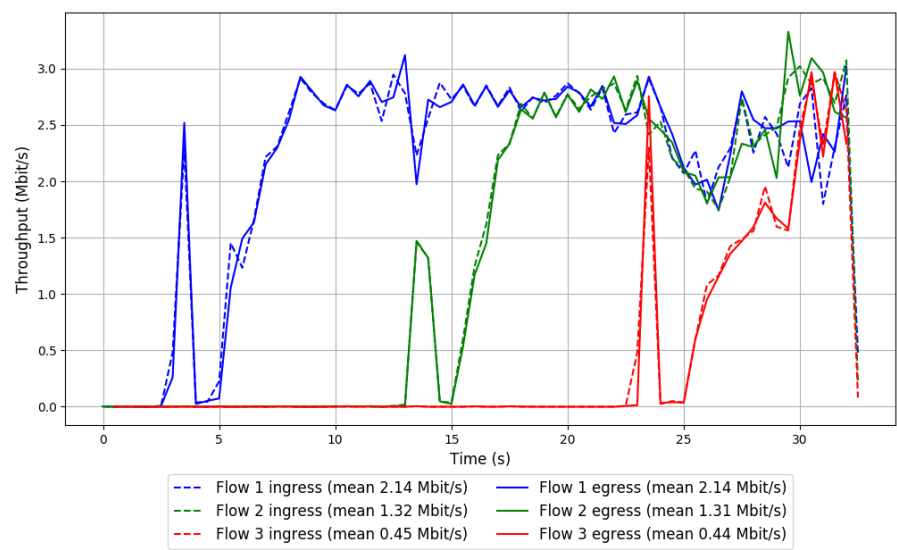


Run 9: Statistics of WebRTC media

Start at: 2017-11-30 20:33:10
End at: 2017-11-30 20:33:40
Local clock offset: 0.707 ms
Remote clock offset: -0.695 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.87 Mbit/s
95th percentile per-packet one-way delay: 81.600 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 79.643 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 81.677 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 80.021 ms
Loss rate: 2.69%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-11-30 20:53:24

End at: 2017-11-30 20:53:54

Local clock offset: 0.6 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2017-12-01 00:46:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.93 Mbit/s

95th percentile per-packet one-way delay: 82.488 ms

Loss rate: 1.01%

-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 80.722 ms

Loss rate: 1.05%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 82.554 ms

Loss rate: 0.67%

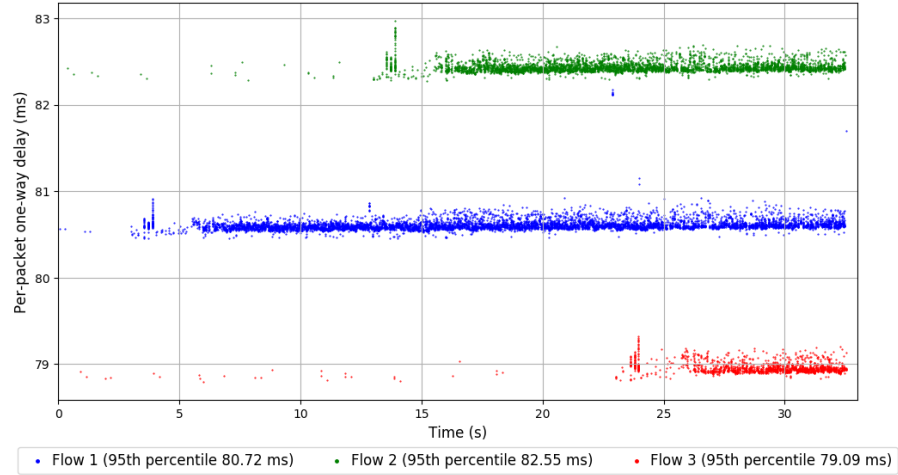
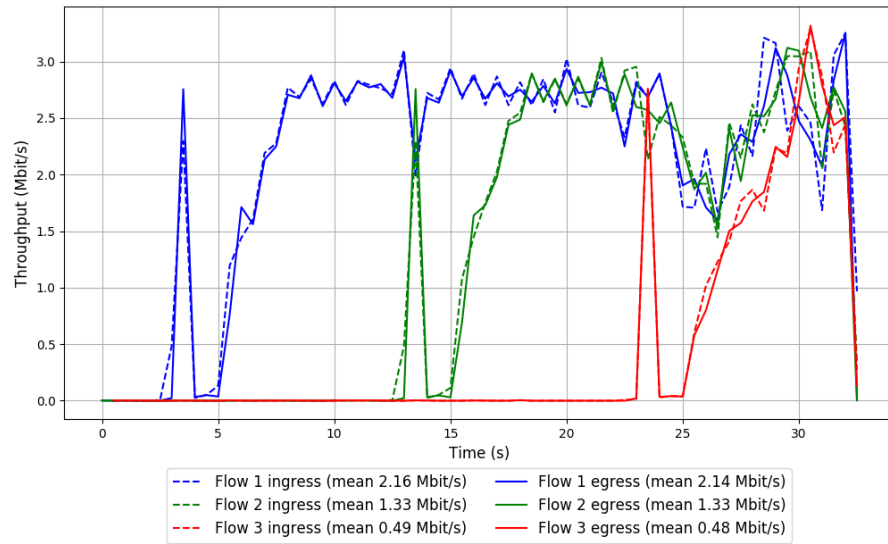
-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 79.095 ms

Loss rate: 1.78%

Run 10: Report of WebRTC media — Data Link

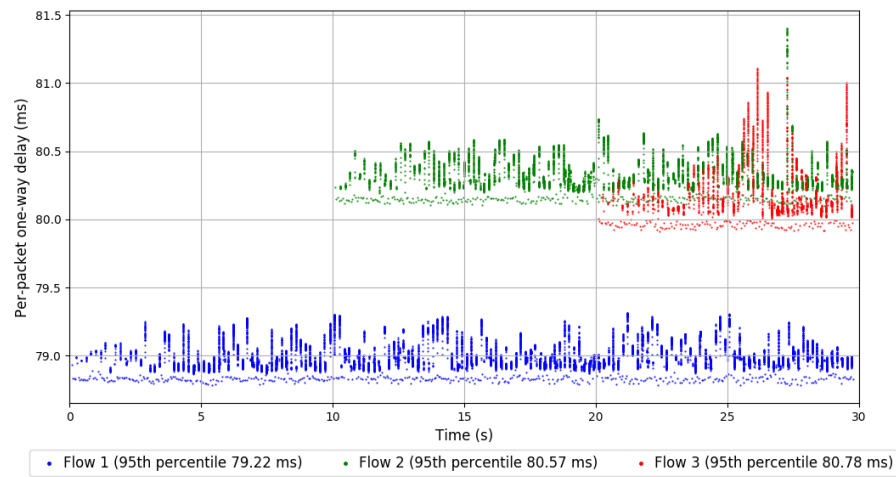
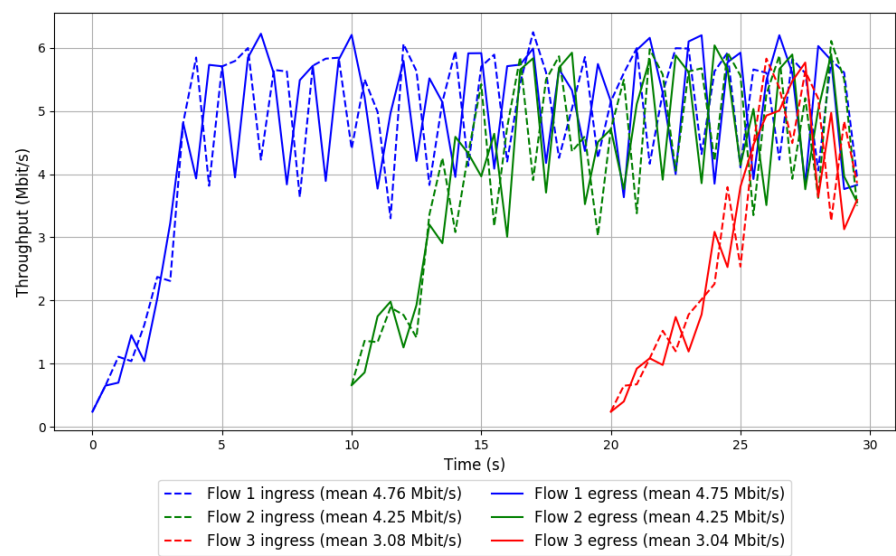


Run 1: Statistics of Sprout

Start at: 2017-11-30 17:57:56
End at: 2017-11-30 17:58:26
Local clock offset: 0.361 ms
Remote clock offset: -8.263 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 80.530 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 79.221 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 80.574 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 80.777 ms
Loss rate: 3.26%

Run 1: Report of Sprout — Data Link

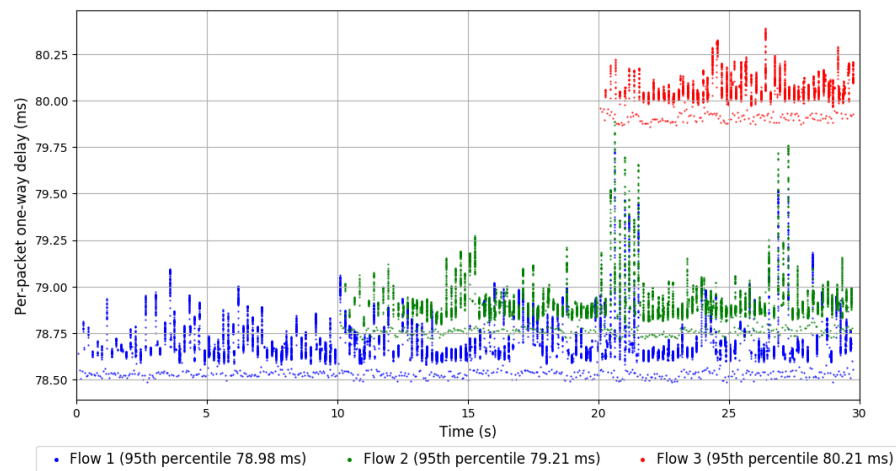
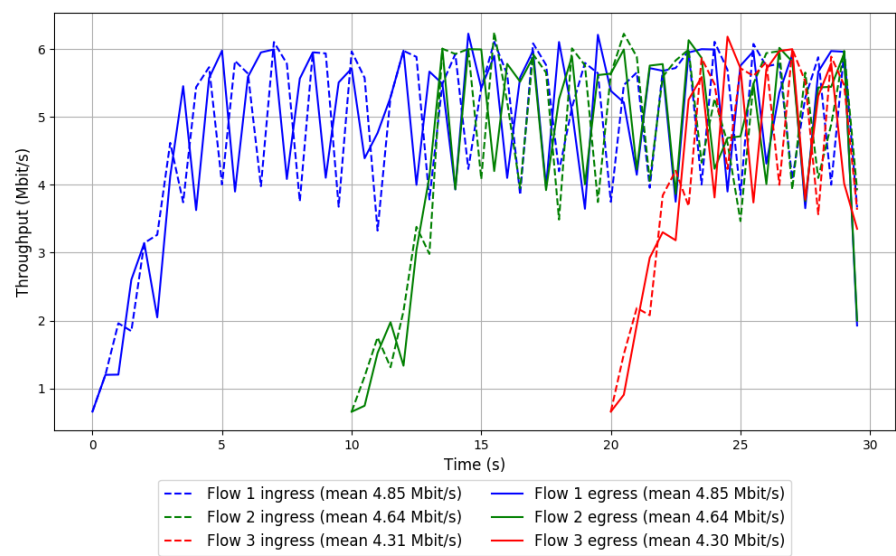


Run 2: Statistics of Sprout

Start at: 2017-11-30 18:17:47
End at: 2017-11-30 18:18:17
Local clock offset: 0.527 ms
Remote clock offset: -6.542 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.32 Mbit/s
95th percentile per-packet one-way delay: 80.083 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 78.985 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 4.64 Mbit/s
95th percentile per-packet one-way delay: 79.211 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 80.214 ms
Loss rate: 2.16%

Run 2: Report of Sprout — Data Link

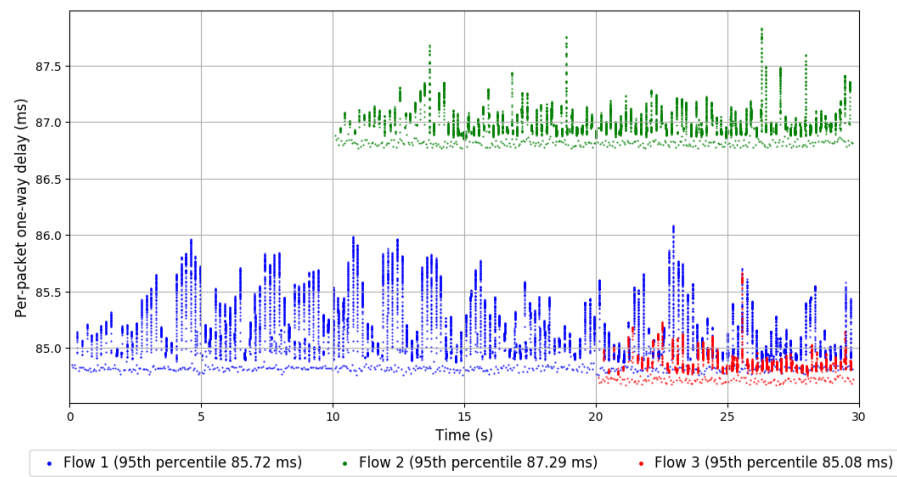
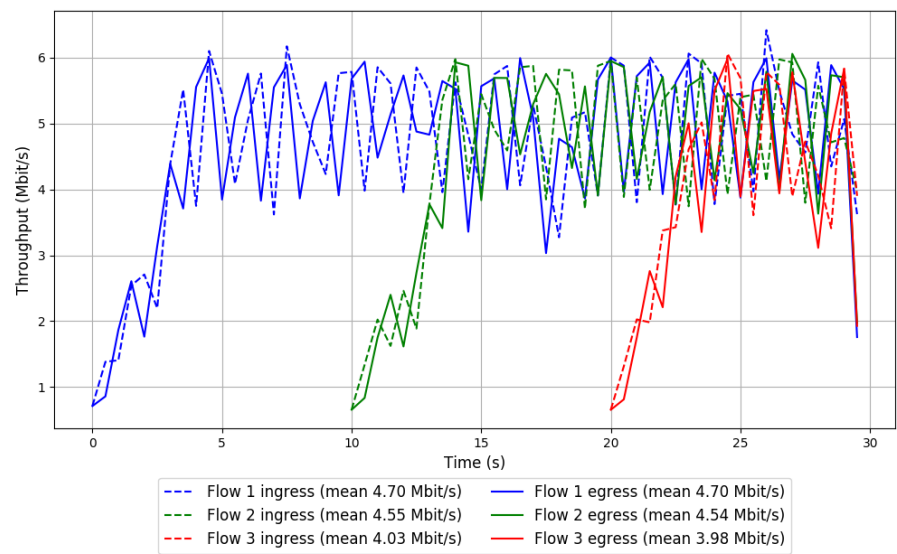


Run 3: Statistics of Sprout

Start at: 2017-11-30 18:37:40
End at: 2017-11-30 18:38:10
Local clock offset: 0.691 ms
Remote clock offset: -10.452 ms

```
# Below is generated by plot.py at 2017-12-01 00:46:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 87.136 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 85.716 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 4.54 Mbit/s
95th percentile per-packet one-way delay: 87.293 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 85.080 ms
Loss rate: 2.50%
```


Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

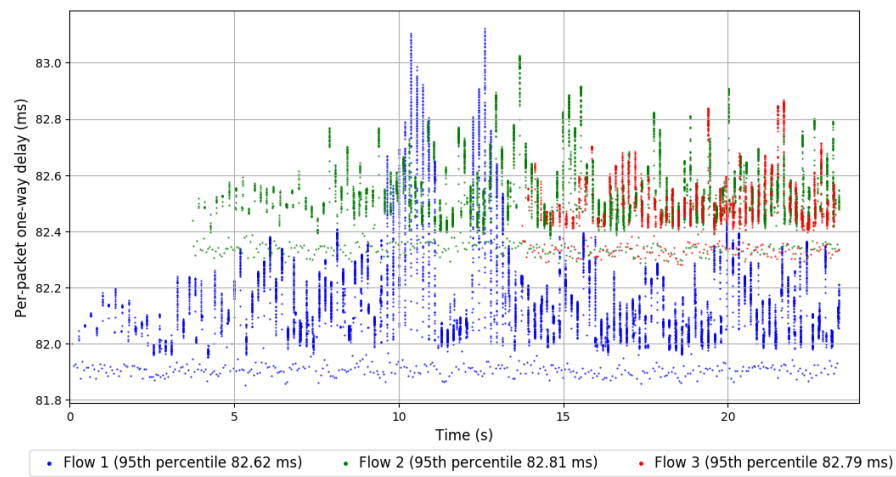
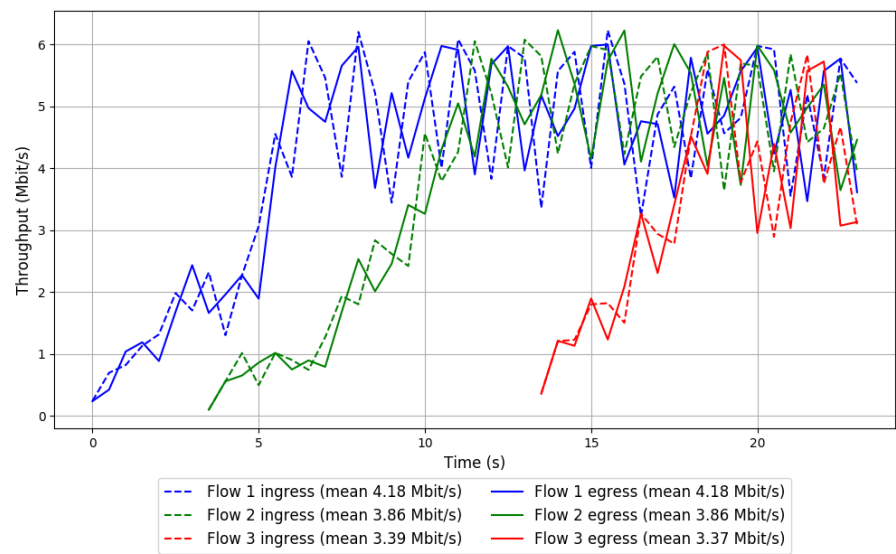
Start at: 2017-11-30 18:57:20

End at: 2017-11-30 18:57:50

Local clock offset: 0.784 ms

Remote clock offset: -5.293 ms

Run 4: Report of Sprout — Data Link

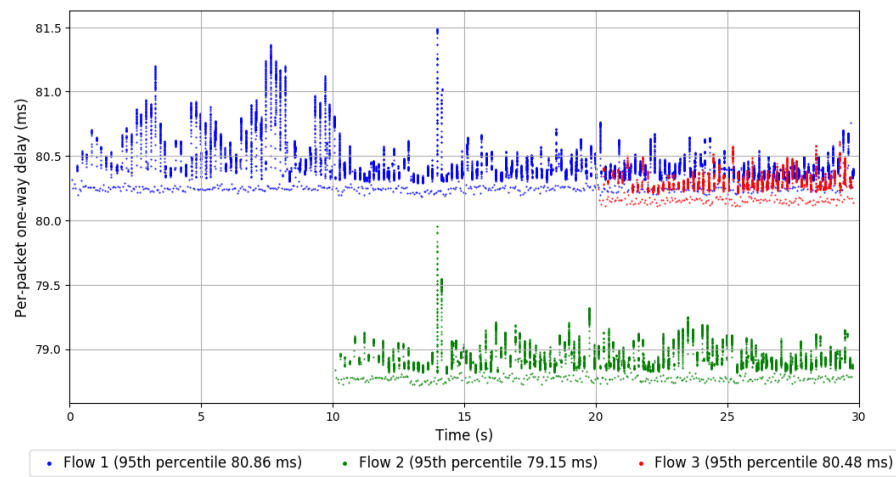
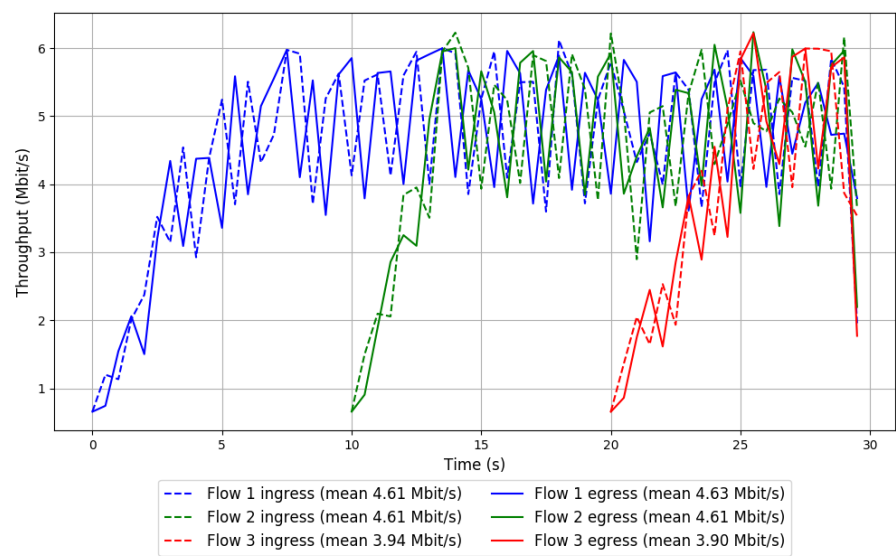


Run 5: Statistics of Sprout

Start at: 2017-11-30 19:17:17
End at: 2017-11-30 19:17:47
Local clock offset: 0.731 ms
Remote clock offset: -4.641 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.95 Mbit/s
95th percentile per-packet one-way delay: 80.734 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 4.63 Mbit/s
95th percentile per-packet one-way delay: 80.859 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.61 Mbit/s
95th percentile per-packet one-way delay: 79.146 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 80.477 ms
Loss rate: 2.29%

Run 5: Report of Sprout — Data Link

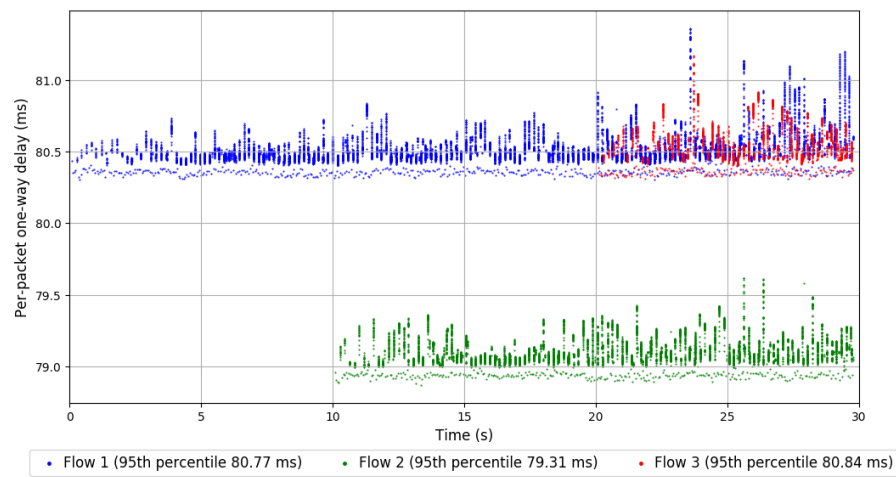
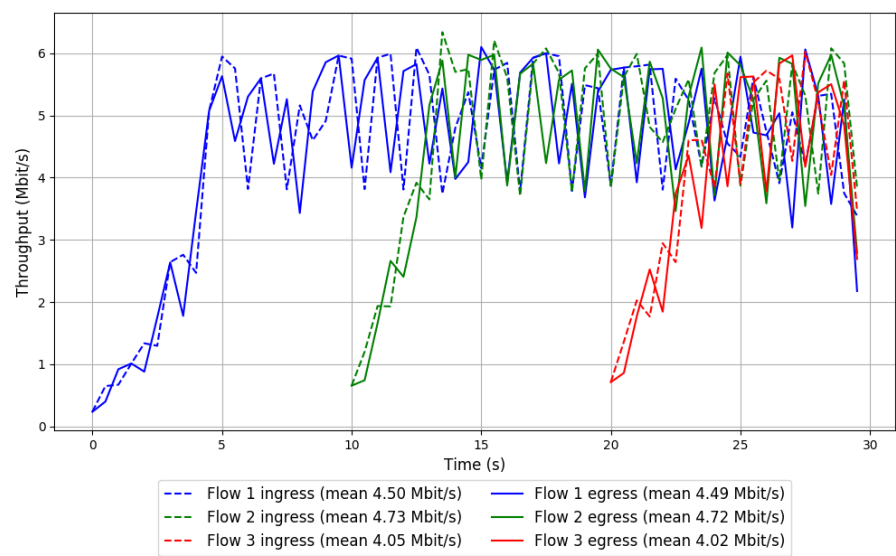


Run 6: Statistics of Sprout

Start at: 2017-11-30 19:37:25
End at: 2017-11-30 19:37:55
Local clock offset: 0.805 ms
Remote clock offset: -3.743 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.93 Mbit/s
95th percentile per-packet one-way delay: 80.734 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 80.765 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 4.72 Mbit/s
95th percentile per-packet one-way delay: 79.306 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 80.837 ms
Loss rate: 2.21%

Run 6: Report of Sprout — Data Link

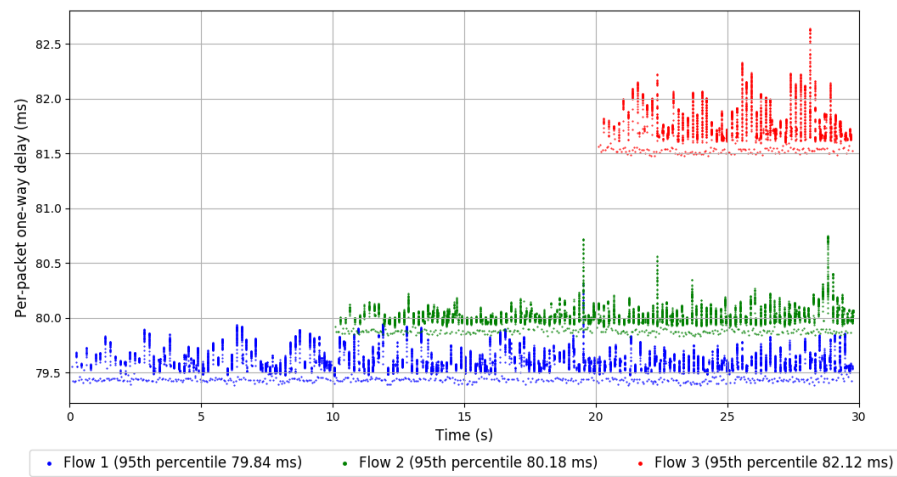
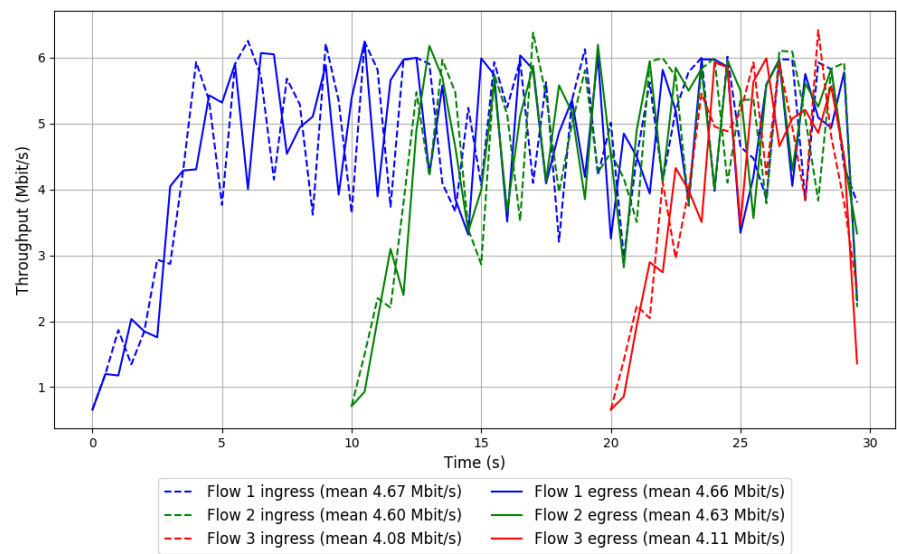


Run 7: Statistics of Sprout

Start at: 2017-11-30 19:56:53
End at: 2017-11-30 19:57:23
Local clock offset: 0.797 ms
Remote clock offset: -4.327 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 81.851 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 4.66 Mbit/s
95th percentile per-packet one-way delay: 79.840 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 4.63 Mbit/s
95th percentile per-packet one-way delay: 80.179 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 82.124 ms
Loss rate: 1.53%

Run 7: Report of Sprout — Data Link

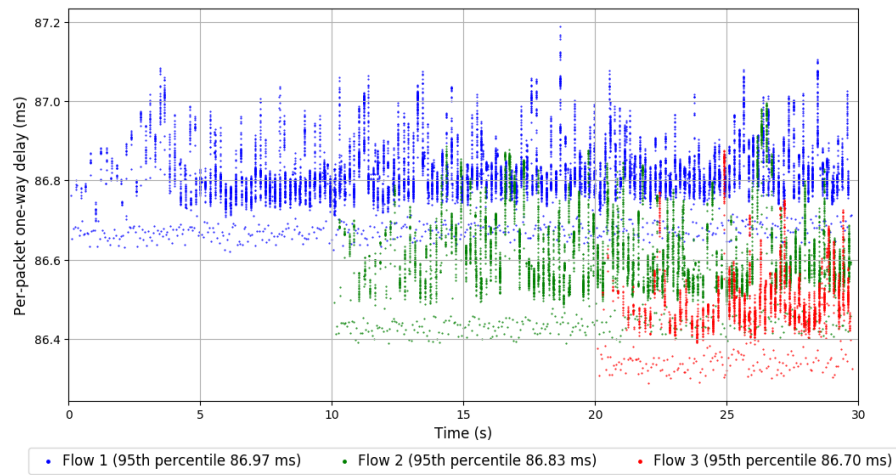
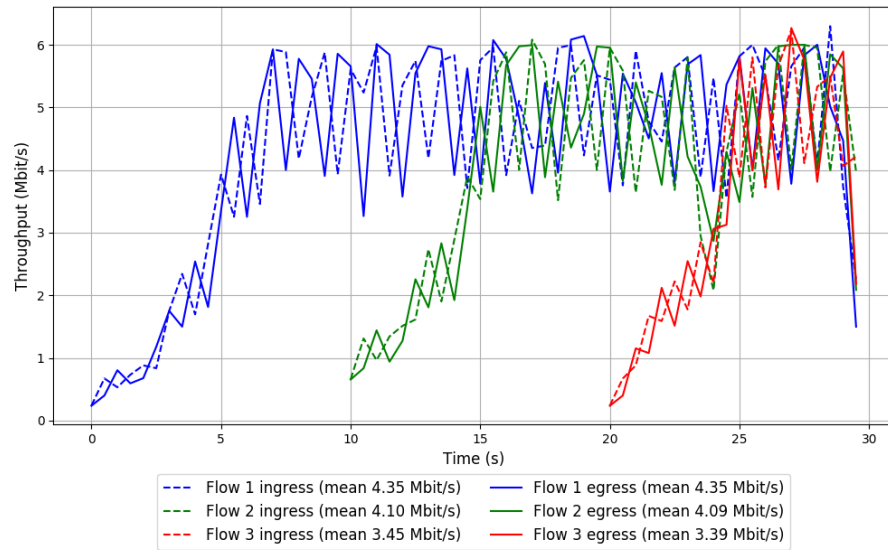


Run 8: Statistics of Sprout

Start at: 2017-11-30 20:16:21
End at: 2017-11-30 20:16:51
Local clock offset: 0.697 ms
Remote clock offset: -8.541 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.16 Mbit/s
95th percentile per-packet one-way delay: 86.928 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 86.970 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 86.835 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 86.697 ms
Loss rate: 3.01%

Run 8: Report of Sprout — Data Link

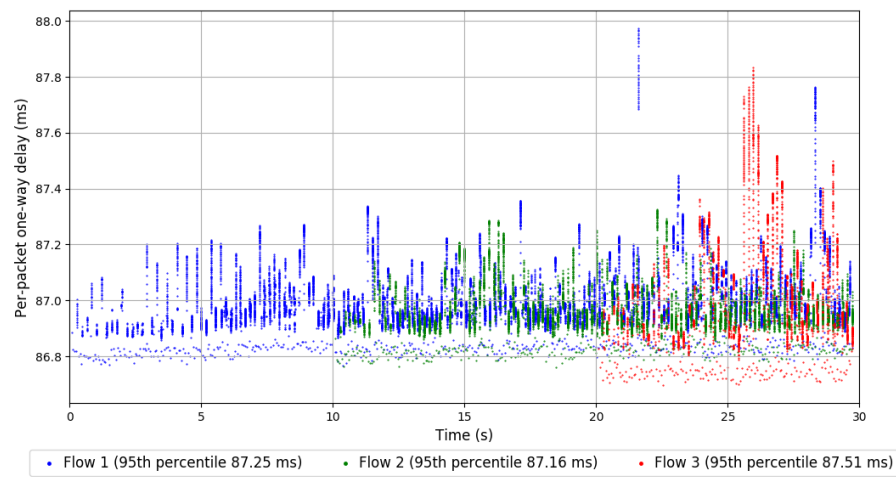
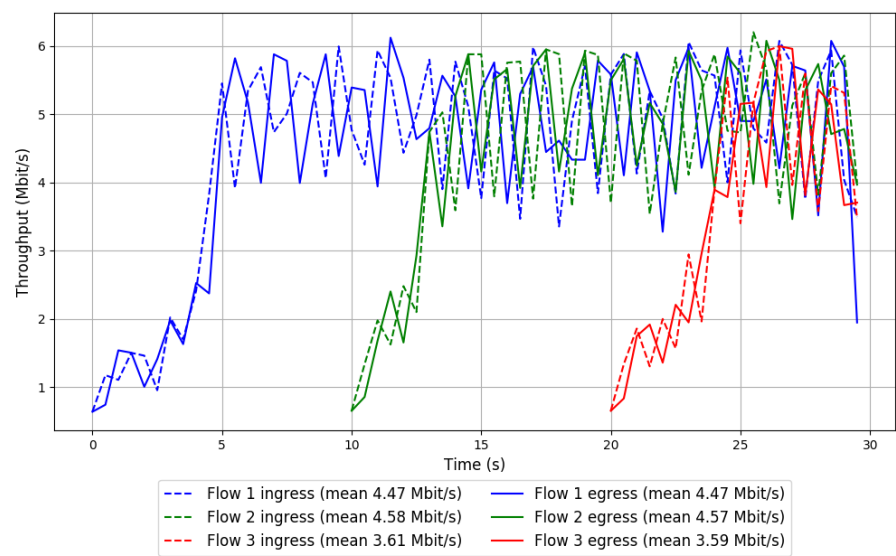


Run 9: Statistics of Sprout

Start at: 2017-11-30 20:35:59
End at: 2017-11-30 20:36:29
Local clock offset: 0.665 ms
Remote clock offset: -7.546 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.67 Mbit/s
95th percentile per-packet one-way delay: 87.266 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 87.250 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 87.161 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 87.512 ms
Loss rate: 2.37%

Run 9: Report of Sprout — Data Link

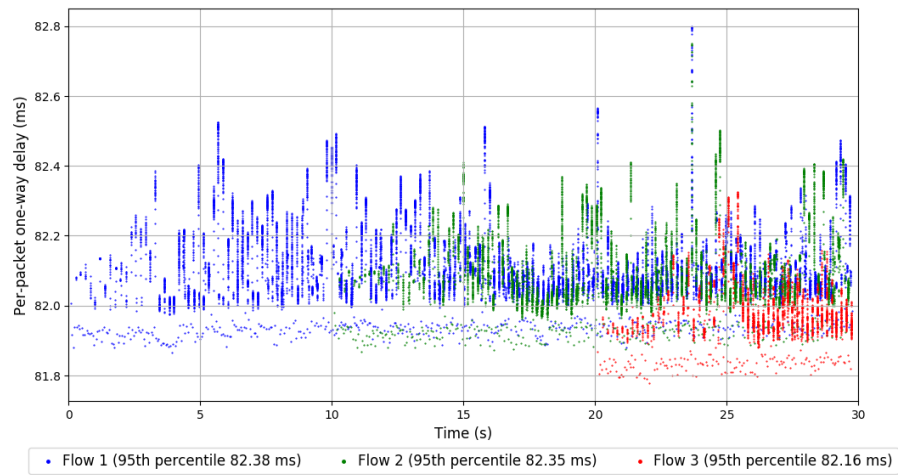
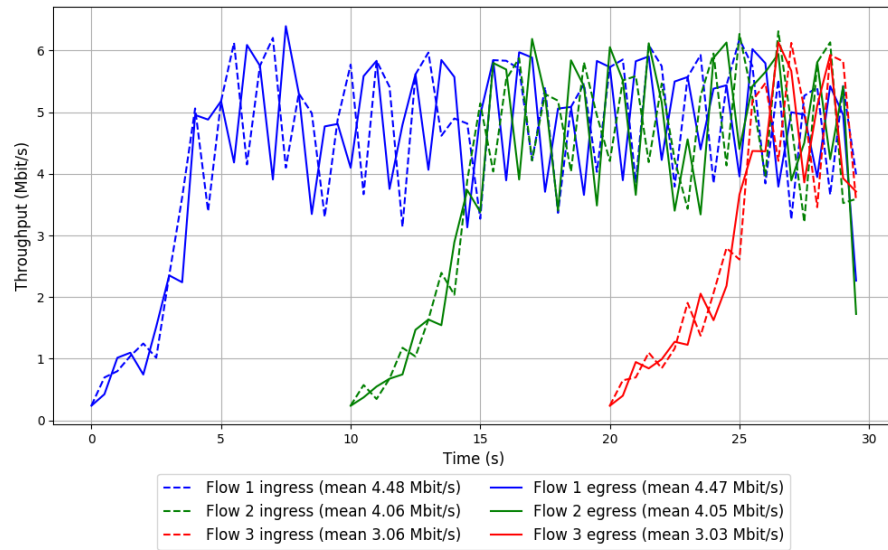


Run 10: Statistics of Sprout

Start at: 2017-11-30 20:56:14
End at: 2017-11-30 20:56:44
Local clock offset: 0.583 ms
Remote clock offset: -1.131 ms

Below is generated by plot.py at 2017-12-01 00:46:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.14 Mbit/s
95th percentile per-packet one-way delay: 82.353 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 82.375 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 82.351 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 82.157 ms
Loss rate: 2.91%

Run 10: Report of Sprout — Data Link

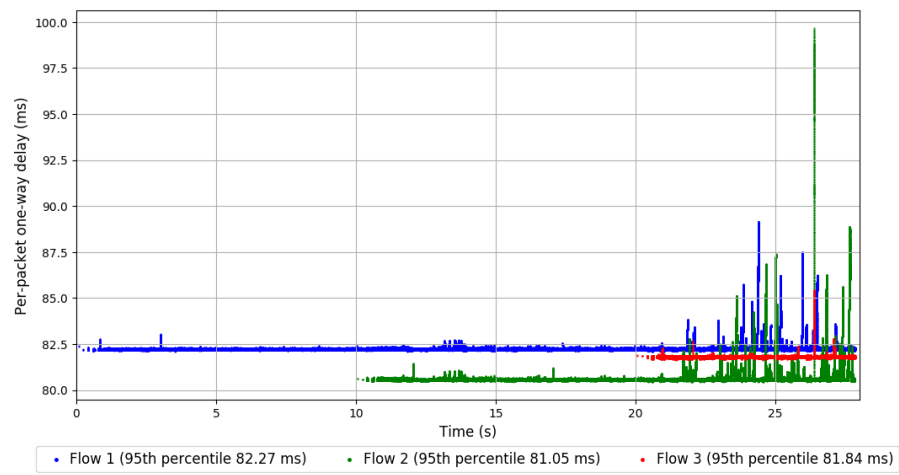
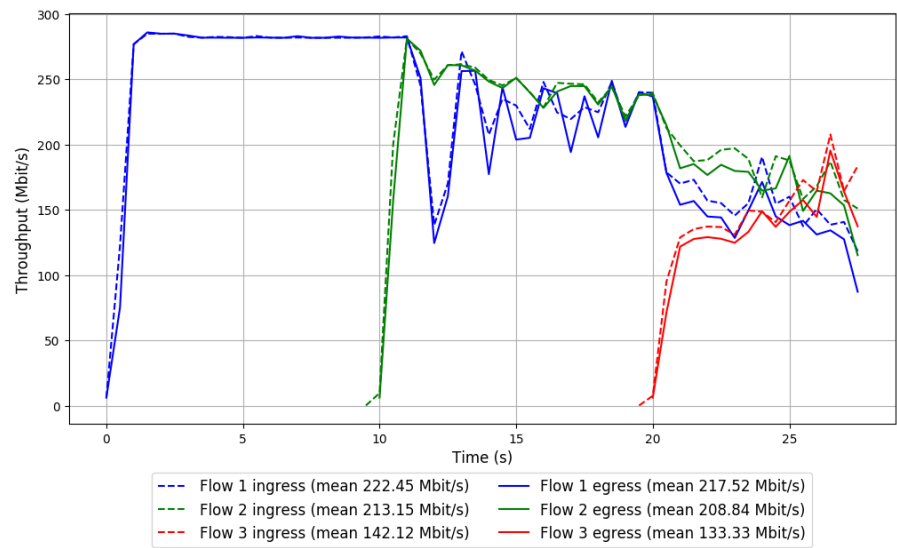


Run 1: Statistics of TaoVA-100x

Start at: 2017-11-30 17:59:11
End at: 2017-11-30 17:59:41
Local clock offset: 0.392 ms
Remote clock offset: -8.265 ms

Below is generated by plot.py at 2017-12-01 00:54:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 388.50 Mbit/s
95th percentile per-packet one-way delay: 82.262 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 217.52 Mbit/s
95th percentile per-packet one-way delay: 82.271 ms
Loss rate: 2.82%
-- Flow 2:
Average throughput: 208.84 Mbit/s
95th percentile per-packet one-way delay: 81.051 ms
Loss rate: 3.01%
-- Flow 3:
Average throughput: 133.33 Mbit/s
95th percentile per-packet one-way delay: 81.841 ms
Loss rate: 8.19%

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

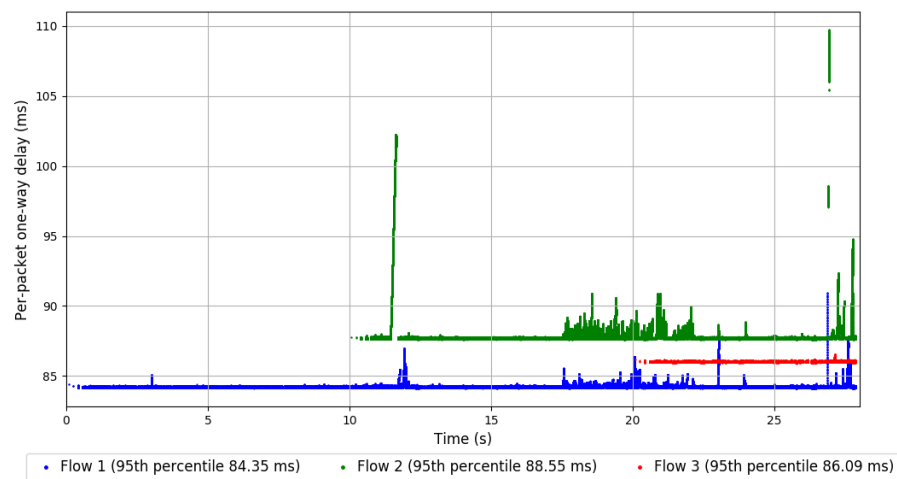
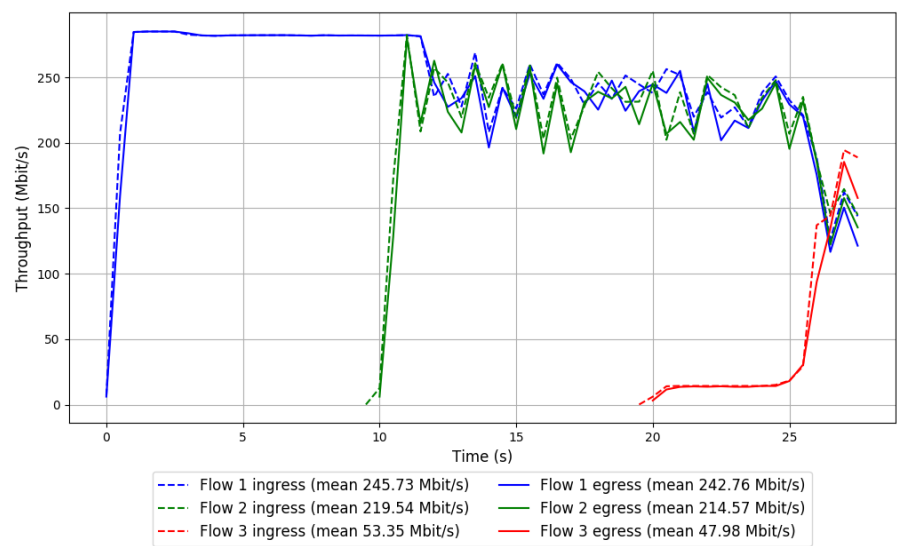


Run 2: Statistics of TaoVA-100x

Start at: 2017-11-30 18:19:01
End at: 2017-11-30 18:19:31
Local clock offset: 0.567 ms
Remote clock offset: -12.049 ms

Below is generated by plot.py at 2017-12-01 00:54:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 393.64 Mbit/s
95th percentile per-packet one-way delay: 87.768 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 242.76 Mbit/s
95th percentile per-packet one-way delay: 84.353 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 214.57 Mbit/s
95th percentile per-packet one-way delay: 88.545 ms
Loss rate: 3.19%
-- Flow 3:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 86.087 ms
Loss rate: 11.98%

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

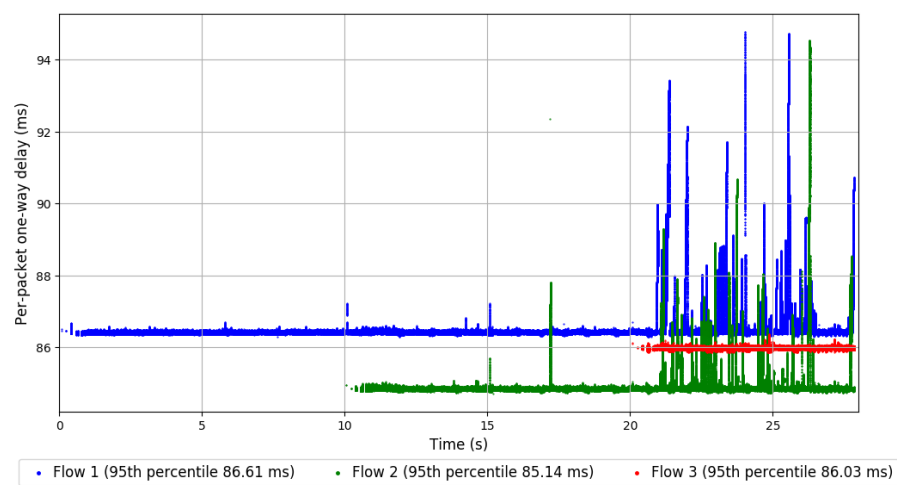
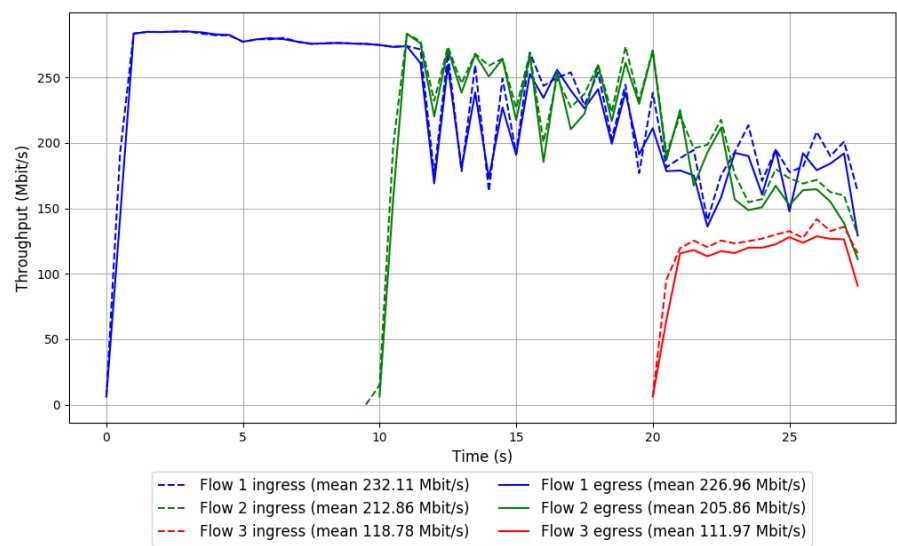


Run 3: Statistics of TaoVA-100x

Start at: 2017-11-30 18:38:54
End at: 2017-11-30 18:39:24
Local clock offset: 0.69 ms
Remote clock offset: -11.585 ms

Below is generated by plot.py at 2017-12-01 00:54:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 390.06 Mbit/s
95th percentile per-packet one-way delay: 86.474 ms
Loss rate: 3.69%
-- Flow 1:
Average throughput: 226.96 Mbit/s
95th percentile per-packet one-way delay: 86.615 ms
Loss rate: 2.80%
-- Flow 2:
Average throughput: 205.86 Mbit/s
95th percentile per-packet one-way delay: 85.145 ms
Loss rate: 4.19%
-- Flow 3:
Average throughput: 111.97 Mbit/s
95th percentile per-packet one-way delay: 86.034 ms
Loss rate: 7.73%

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

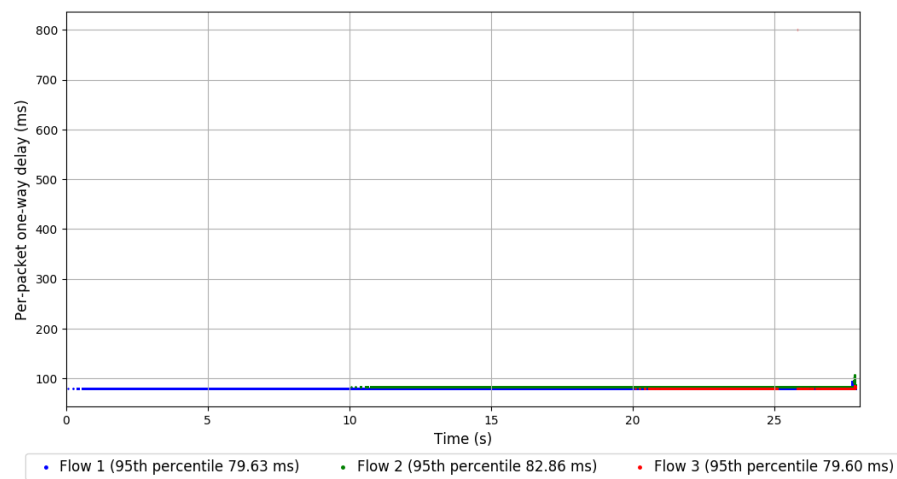
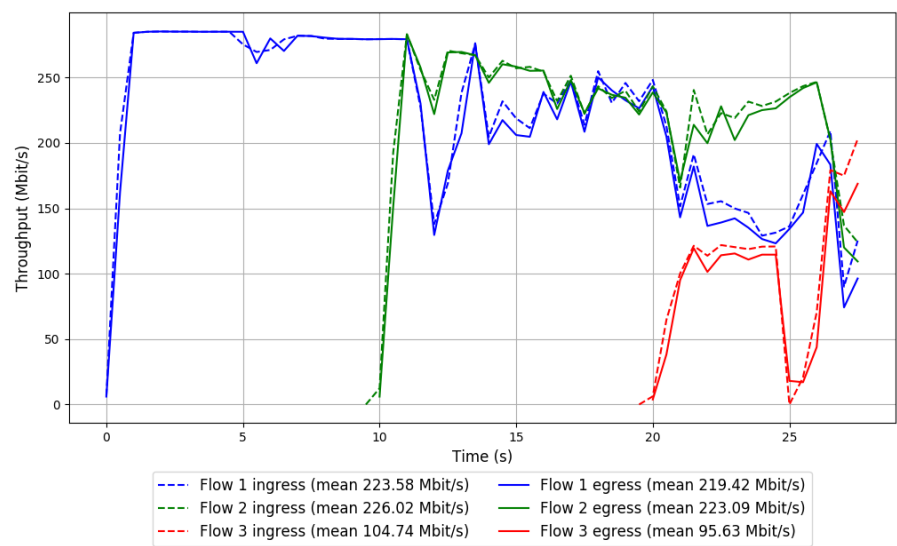


Run 4: Statistics of TaoVA-100x

Start at: 2017-11-30 18:58:34
End at: 2017-11-30 18:59:04
Local clock offset: 0.773 ms
Remote clock offset: -6.096 ms

Below is generated by plot.py at 2017-12-01 00:54:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 389.07 Mbit/s
95th percentile per-packet one-way delay: 82.851 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 219.42 Mbit/s
95th percentile per-packet one-way delay: 79.631 ms
Loss rate: 2.45%
-- Flow 2:
Average throughput: 223.09 Mbit/s
95th percentile per-packet one-way delay: 82.862 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 79.602 ms
Loss rate: 10.35%

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

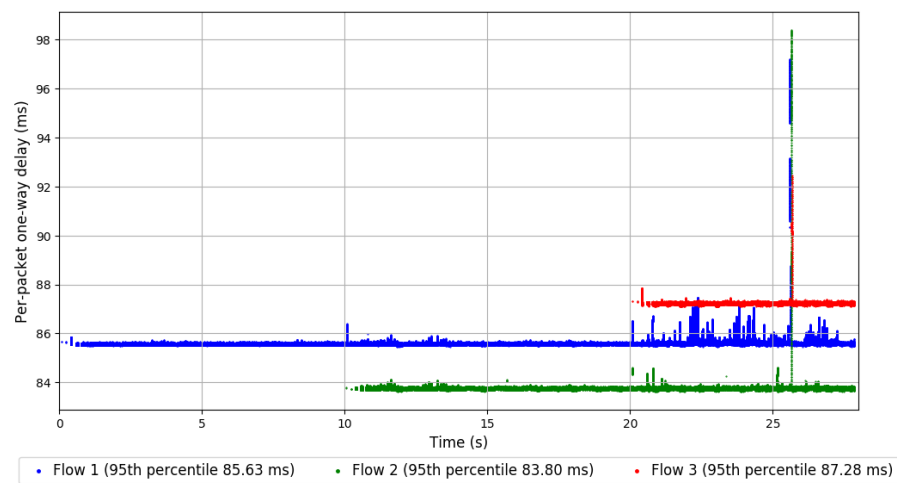
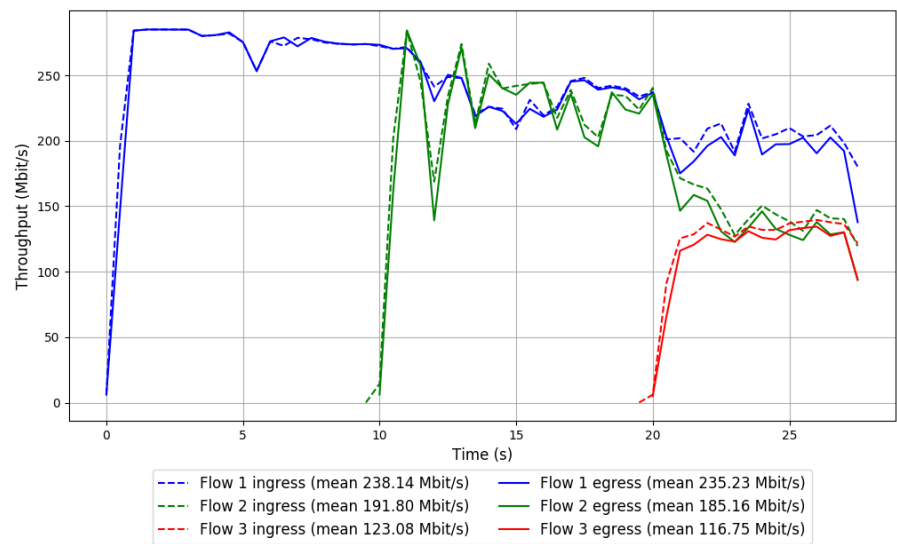


Run 5: Statistics of TaoVA-100x

Start at: 2017-11-30 19:18:31
End at: 2017-11-30 19:19:01
Local clock offset: 0.814 ms
Remote clock offset: -9.388 ms

Below is generated by plot.py at 2017-12-01 00:54:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 386.56 Mbit/s
95th percentile per-packet one-way delay: 87.229 ms
Loss rate: 3.07%
-- Flow 1:
Average throughput: 235.23 Mbit/s
95th percentile per-packet one-way delay: 85.631 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 185.16 Mbit/s
95th percentile per-packet one-way delay: 83.795 ms
Loss rate: 4.36%
-- Flow 3:
Average throughput: 116.75 Mbit/s
95th percentile per-packet one-way delay: 87.277 ms
Loss rate: 7.18%

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

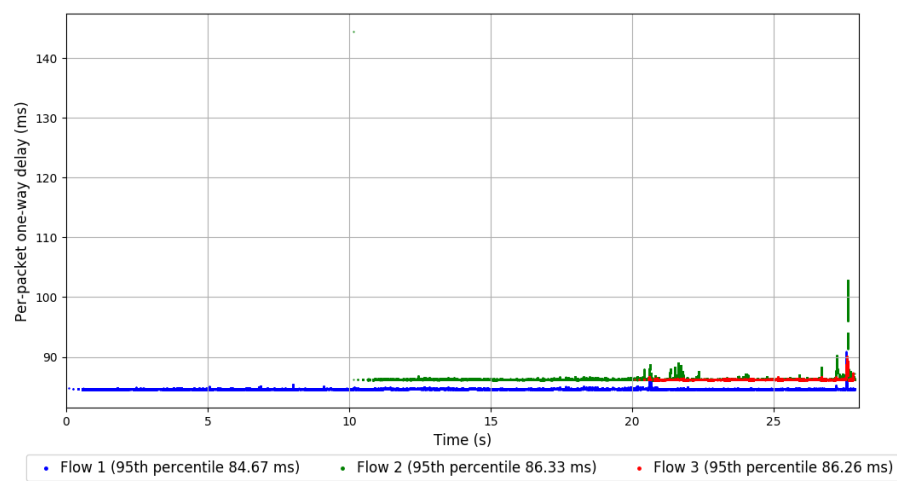
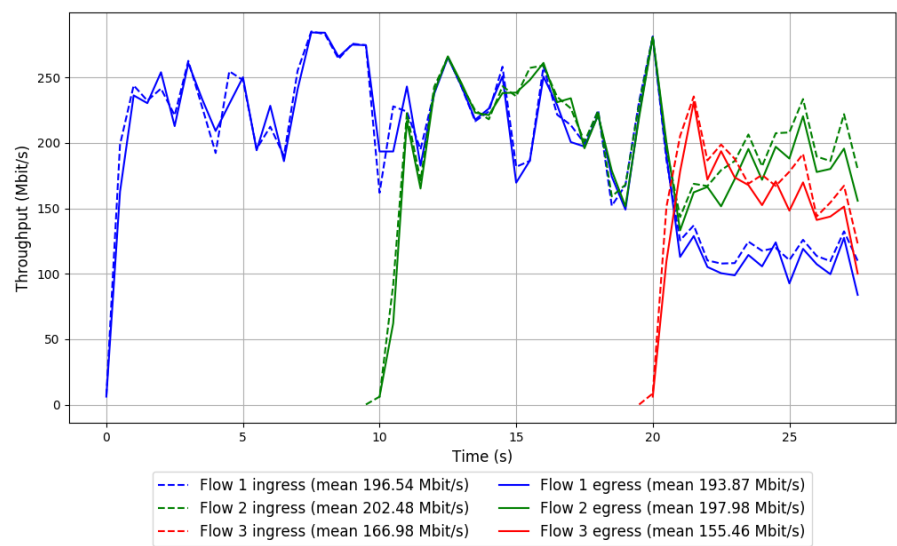


Run 6: Statistics of TaoVA-100x

Start at: 2017-11-30 19:38:40
End at: 2017-11-30 19:39:10
Local clock offset: 0.835 ms
Remote clock offset: -9.287 ms

Below is generated by plot.py at 2017-12-01 00:54:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 363.53 Mbit/s
95th percentile per-packet one-way delay: 86.262 ms
Loss rate: 3.34%
-- Flow 1:
Average throughput: 193.87 Mbit/s
95th percentile per-packet one-way delay: 84.670 ms
Loss rate: 1.95%
-- Flow 2:
Average throughput: 197.98 Mbit/s
95th percentile per-packet one-way delay: 86.333 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 155.46 Mbit/s
95th percentile per-packet one-way delay: 86.263 ms
Loss rate: 8.84%

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

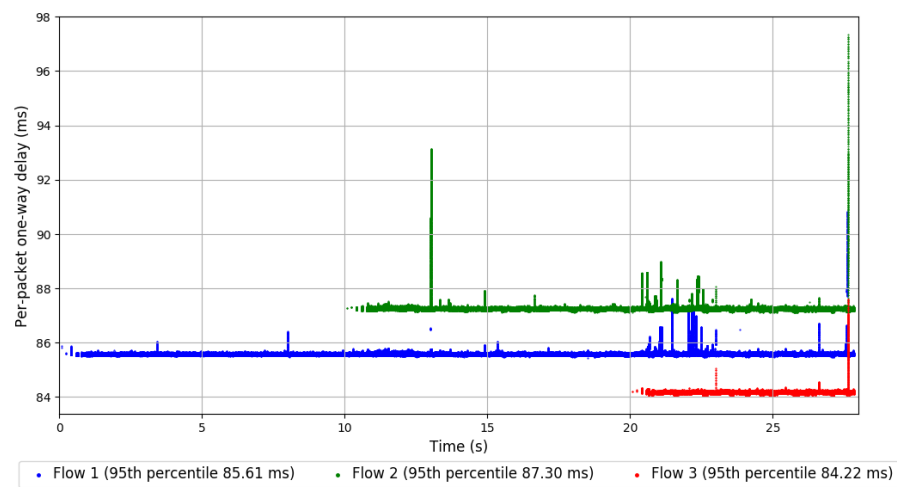
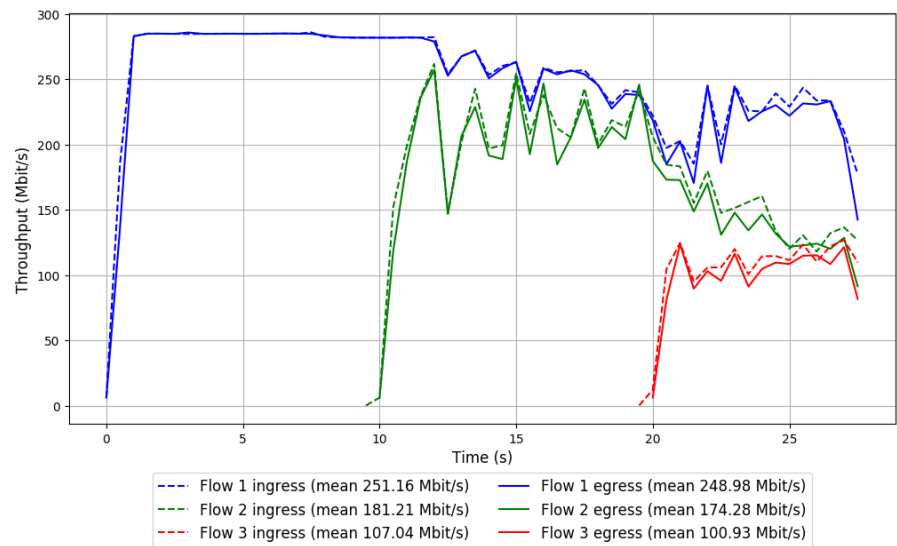


Run 7: Statistics of TaoVA-100x

Start at: 2017-11-30 19:58:08
End at: 2017-11-30 19:58:38
Local clock offset: 0.874 ms
Remote clock offset: -8.693 ms

Below is generated by plot.py at 2017-12-01 00:56:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 388.66 Mbit/s
95th percentile per-packet one-way delay: 87.270 ms
Loss rate: 2.89%
-- Flow 1:
Average throughput: 248.98 Mbit/s
95th percentile per-packet one-way delay: 85.615 ms
Loss rate: 1.45%
-- Flow 2:
Average throughput: 174.28 Mbit/s
95th percentile per-packet one-way delay: 87.297 ms
Loss rate: 4.74%
-- Flow 3:
Average throughput: 100.93 Mbit/s
95th percentile per-packet one-way delay: 84.220 ms
Loss rate: 7.70%

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

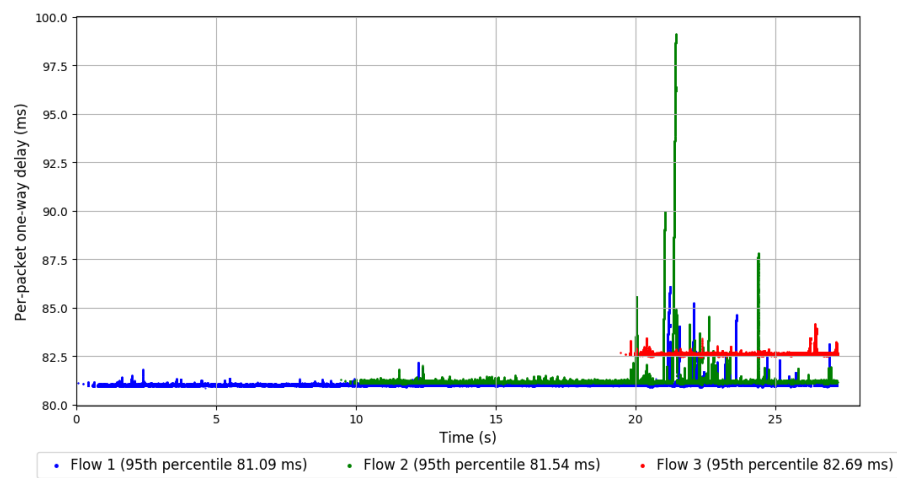
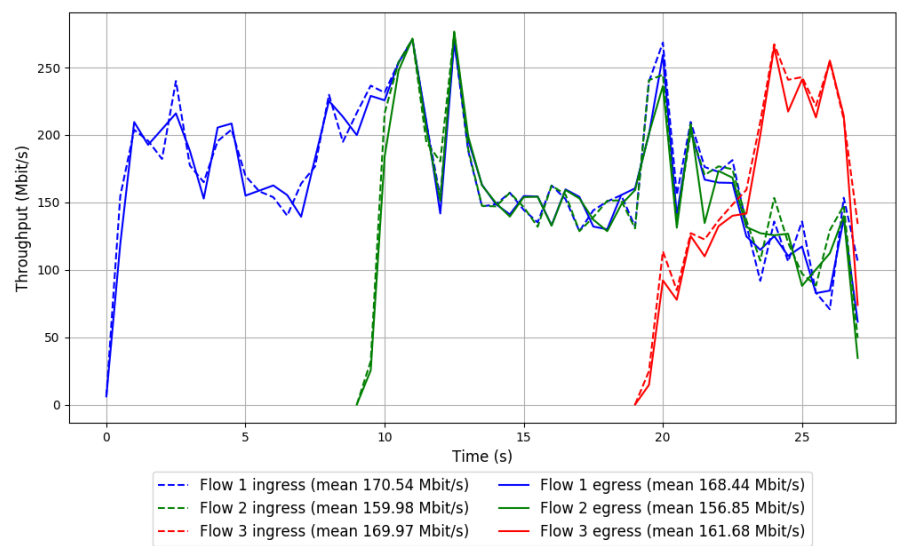


Run 8: Statistics of TaoVA-100x

Start at: 2017-11-30 20:17:35
End at: 2017-11-30 20:18:05
Local clock offset: 0.763 ms
Remote clock offset: -2.794 ms

Below is generated by plot.py at 2017-12-01 00:56:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 317.25 Mbit/s
95th percentile per-packet one-way delay: 82.638 ms
Loss rate: 2.98%
-- Flow 1:
Average throughput: 168.44 Mbit/s
95th percentile per-packet one-way delay: 81.087 ms
Loss rate: 1.95%
-- Flow 2:
Average throughput: 156.85 Mbit/s
95th percentile per-packet one-way delay: 81.537 ms
Loss rate: 2.79%
-- Flow 3:
Average throughput: 161.68 Mbit/s
95th percentile per-packet one-way delay: 82.689 ms
Loss rate: 6.90%

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

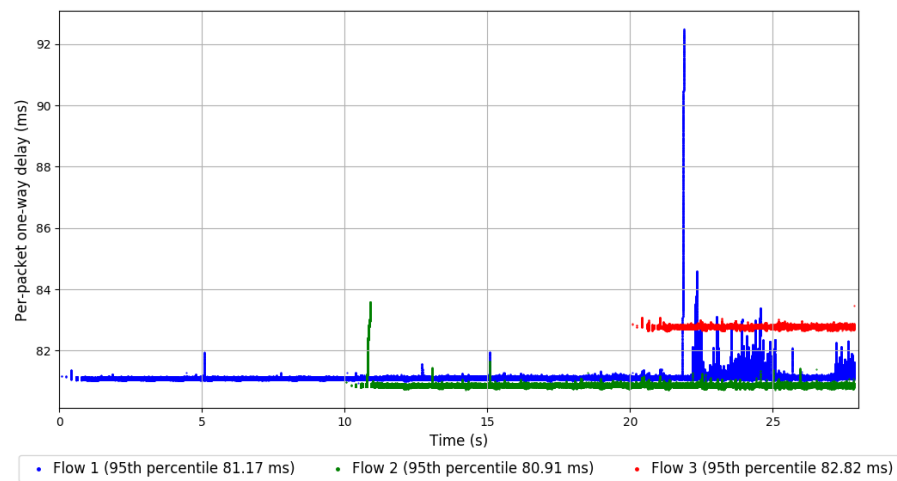
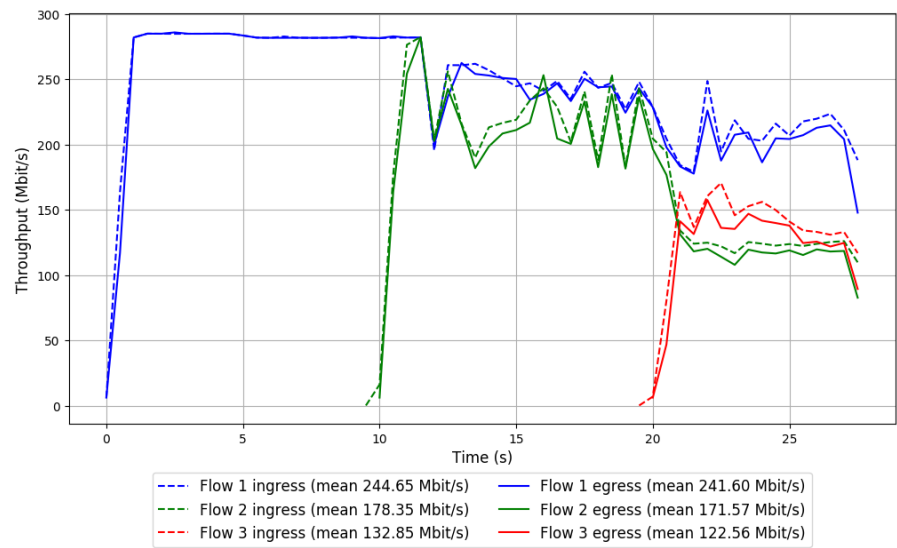


Run 9: Statistics of TaoVA-100x

Start at: 2017-11-30 20:37:14
End at: 2017-11-30 20:37:44
Local clock offset: 0.684 ms
Remote clock offset: -1.735 ms

Below is generated by plot.py at 2017-12-01 01:03:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.86 Mbit/s
95th percentile per-packet one-way delay: 82.772 ms
Loss rate: 3.42%
-- Flow 1:
Average throughput: 241.60 Mbit/s
95th percentile per-packet one-way delay: 81.171 ms
Loss rate: 1.84%
-- Flow 2:
Average throughput: 171.57 Mbit/s
95th percentile per-packet one-way delay: 80.906 ms
Loss rate: 4.70%
-- Flow 3:
Average throughput: 122.56 Mbit/s
95th percentile per-packet one-way delay: 82.821 ms
Loss rate: 9.73%

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

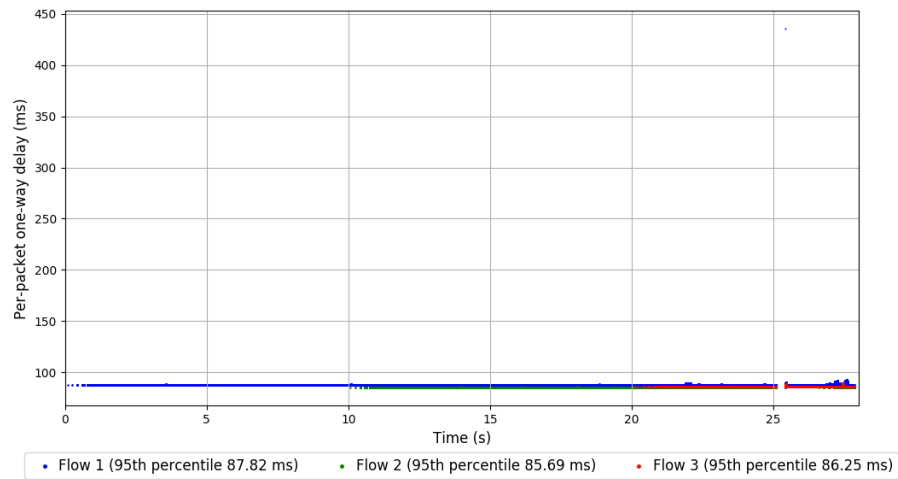
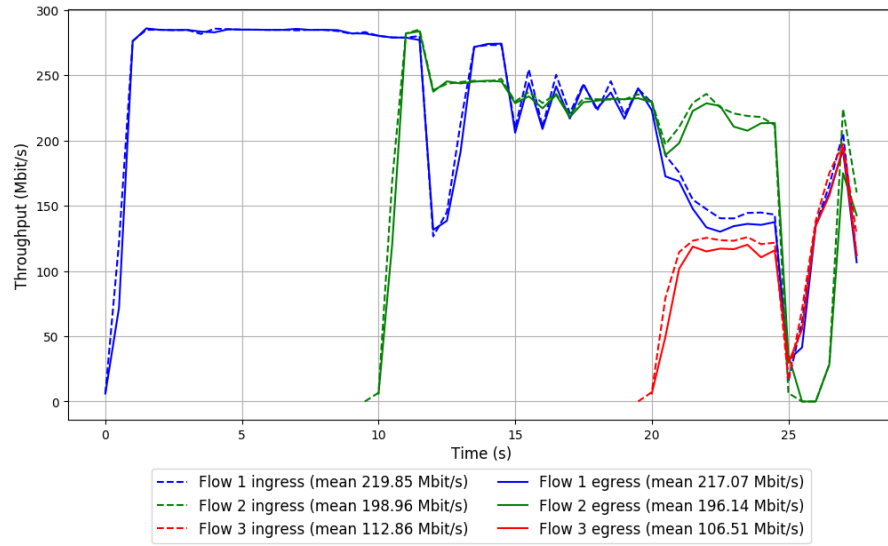


Run 10: Statistics of TaoVA-100x

Start at: 2017-11-30 20:57:28
End at: 2017-11-30 20:57:58
Local clock offset: 0.575 ms
Remote clock offset: -5.209 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 372.42 Mbit/s
95th percentile per-packet one-way delay: 87.808 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 217.07 Mbit/s
95th percentile per-packet one-way delay: 87.822 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 196.14 Mbit/s
95th percentile per-packet one-way delay: 85.694 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 106.51 Mbit/s
95th percentile per-packet one-way delay: 86.247 ms
Loss rate: 7.51%

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

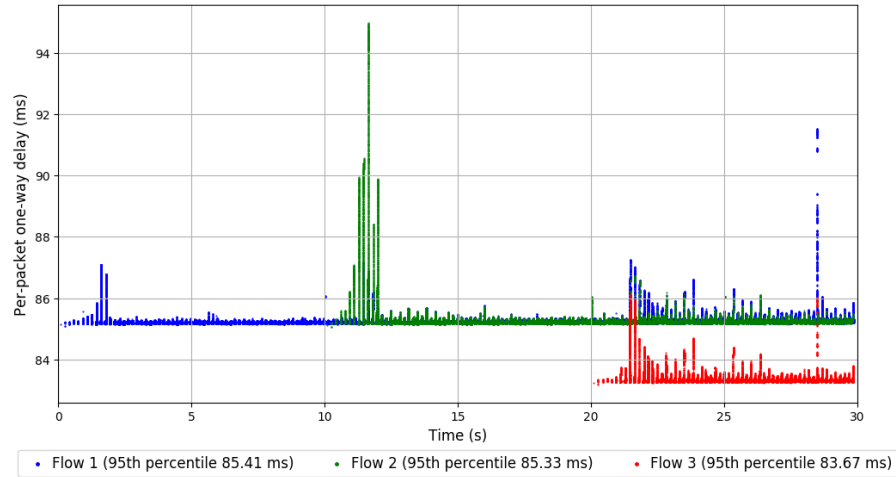
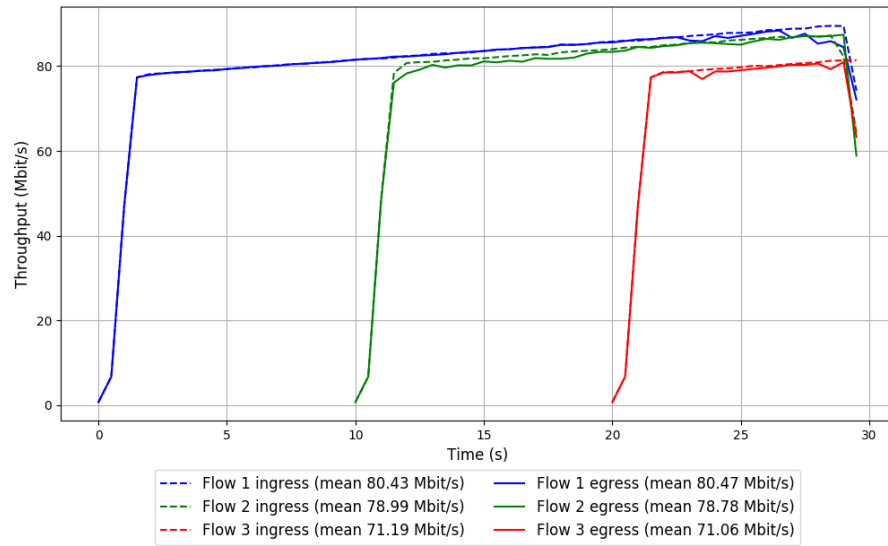


Run 1: Statistics of TCP Vegas

Start at: 2017-11-30 18:02:36
End at: 2017-11-30 18:03:06
Local clock offset: 0.419 ms
Remote clock offset: -12.596 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 156.00 Mbit/s
95th percentile per-packet one-way delay: 85.363 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 80.47 Mbit/s
95th percentile per-packet one-way delay: 85.408 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 85.335 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 71.06 Mbit/s
95th percentile per-packet one-way delay: 83.670 ms
Loss rate: 1.93%

Run 1: Report of TCP Vegas — Data Link

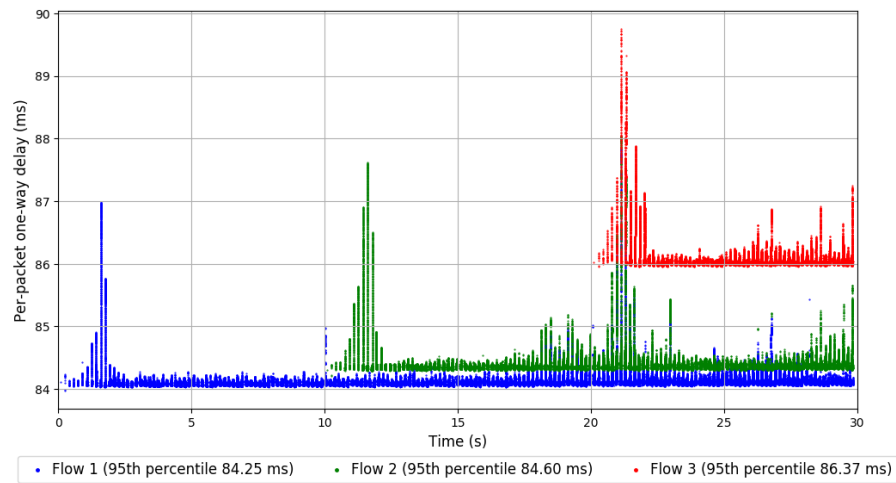
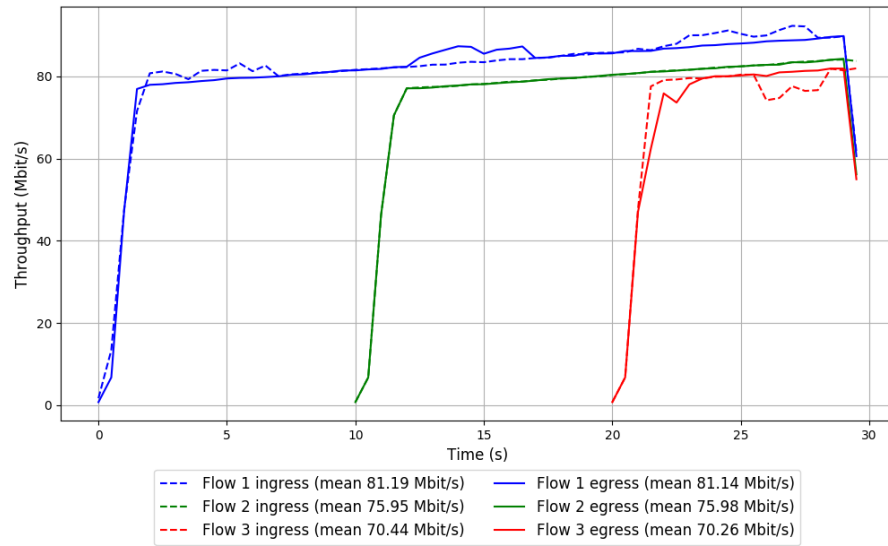


Run 2: Statistics of TCP Vegas

Start at: 2017-11-30 18:22:27
End at: 2017-11-30 18:22:57
Local clock offset: 0.511 ms
Remote clock offset: -11.825 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.50 Mbit/s
95th percentile per-packet one-way delay: 86.049 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 84.251 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 75.98 Mbit/s
95th percentile per-packet one-way delay: 84.600 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 86.374 ms
Loss rate: 1.97%

Run 2: Report of TCP Vegas — Data Link

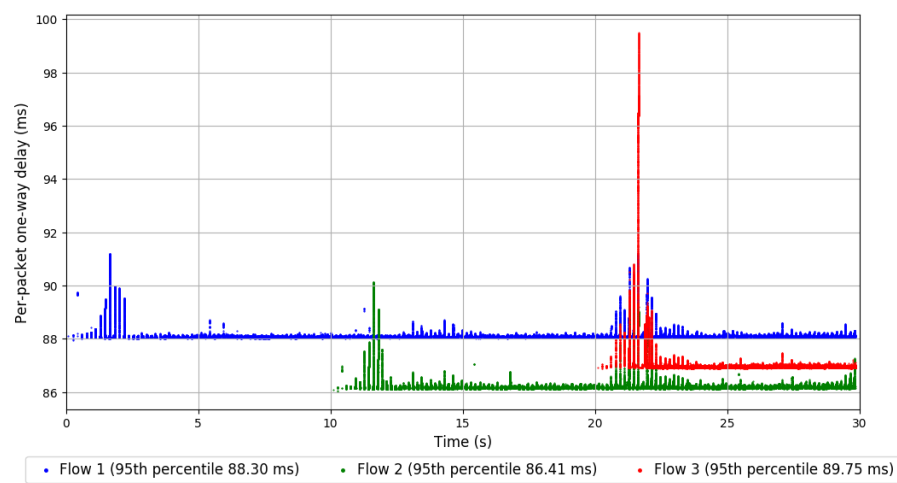
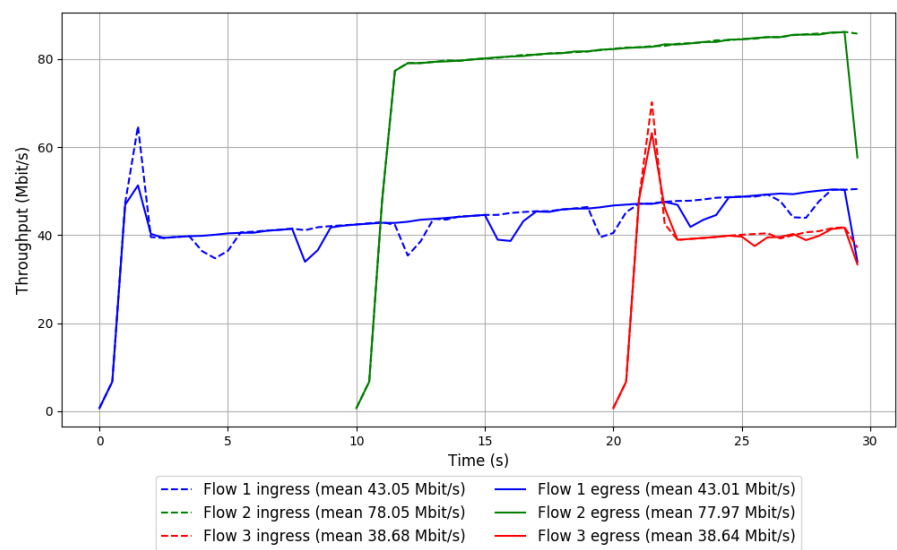


Run 3: Statistics of TCP Vegas

Start at: 2017-11-30 18:42:20
End at: 2017-11-30 18:42:50
Local clock offset: 0.639 ms
Remote clock offset: -11.478 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 107.37 Mbit/s
95th percentile per-packet one-way delay: 88.170 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 43.01 Mbit/s
95th percentile per-packet one-way delay: 88.302 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 77.97 Mbit/s
95th percentile per-packet one-way delay: 86.405 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 89.754 ms
Loss rate: 1.83%

Run 3: Report of TCP Vegas — Data Link

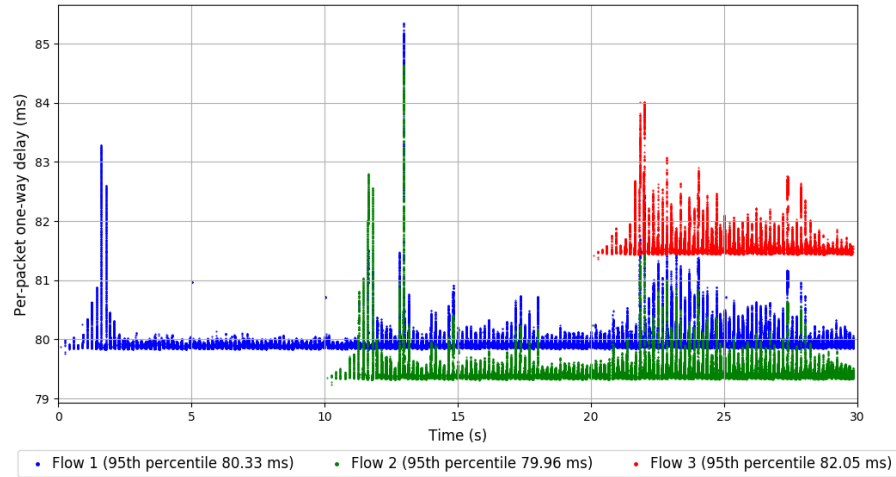
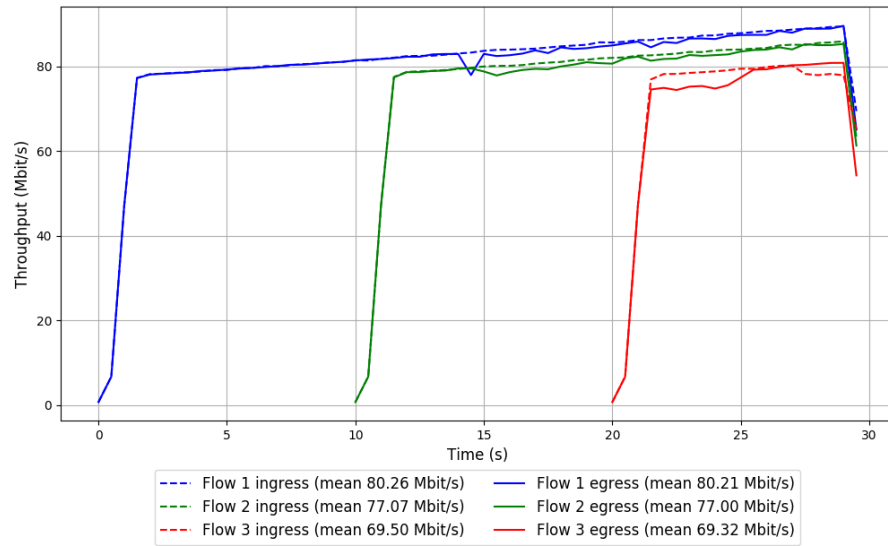


Run 4: Statistics of TCP Vegas

Start at: 2017-11-30 19:02:01
End at: 2017-11-30 19:02:31
Local clock offset: 0.738 ms
Remote clock offset: -4.268 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.03 Mbit/s
95th percentile per-packet one-way delay: 81.569 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: 80.330 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 79.963 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 69.32 Mbit/s
95th percentile per-packet one-way delay: 82.050 ms
Loss rate: 1.96%

Run 4: Report of TCP Vegas — Data Link

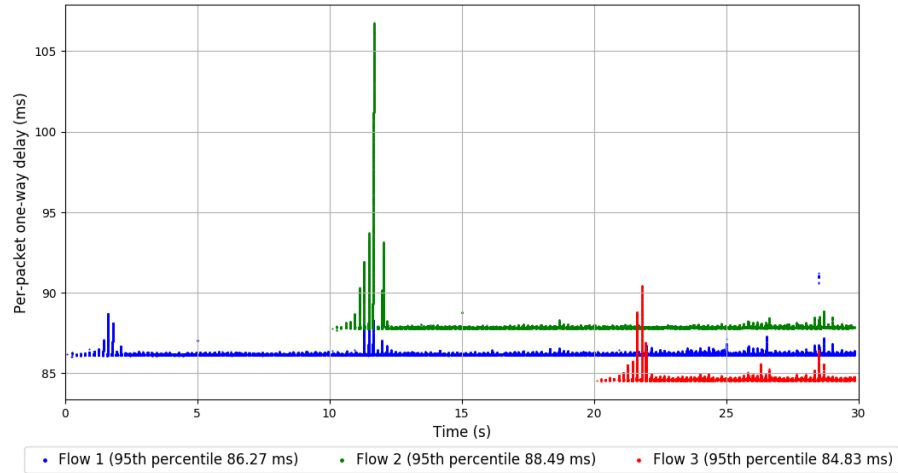
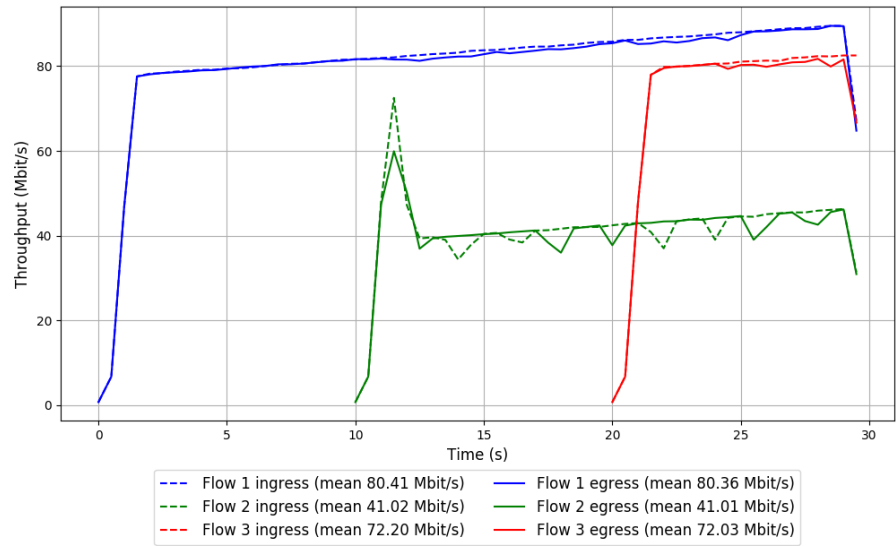


Run 5: Statistics of TCP Vegas

Start at: 2017-11-30 19:21:56
End at: 2017-11-30 19:22:26
Local clock offset: 0.794 ms
Remote clock offset: -9.828 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 131.16 Mbit/s
95th percentile per-packet one-way delay: 87.870 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 80.36 Mbit/s
95th percentile per-packet one-way delay: 86.269 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 88.492 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 72.03 Mbit/s
95th percentile per-packet one-way delay: 84.831 ms
Loss rate: 1.91%

Run 5: Report of TCP Vegas — Data Link

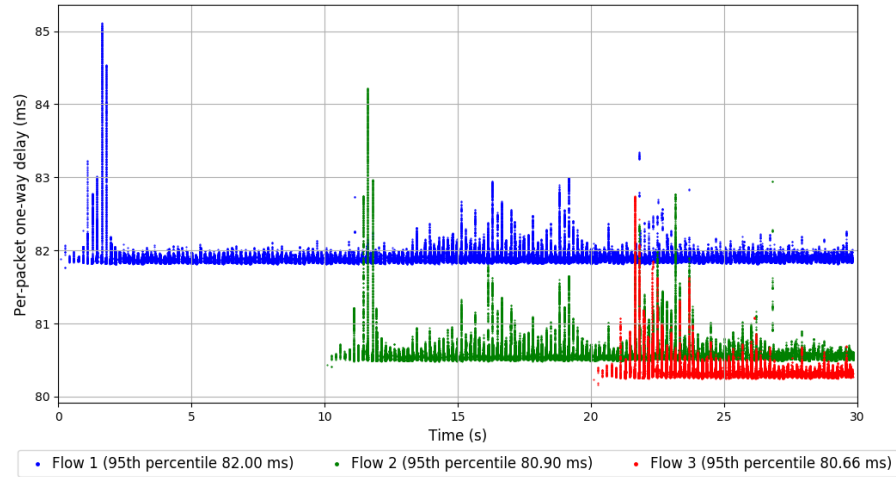
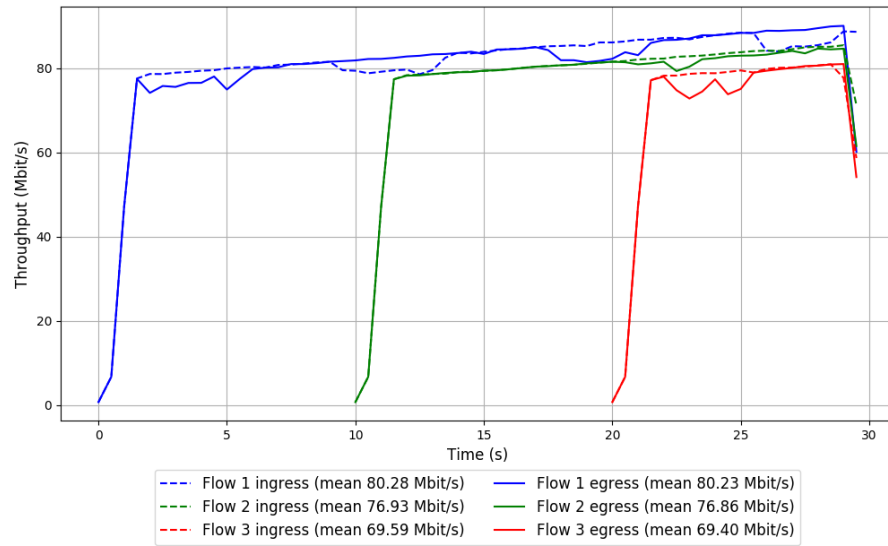


Run 6: Statistics of TCP Vegas

Start at: 2017-11-30 19:42:02
End at: 2017-11-30 19:42:32
Local clock offset: 0.838 ms
Remote clock offset: -3.428 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 153.90 Mbit/s
95th percentile per-packet one-way delay: 81.952 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 80.23 Mbit/s
95th percentile per-packet one-way delay: 81.997 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 76.86 Mbit/s
95th percentile per-packet one-way delay: 80.901 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 69.40 Mbit/s
95th percentile per-packet one-way delay: 80.655 ms
Loss rate: 1.97%

Run 6: Report of TCP Vegas — Data Link

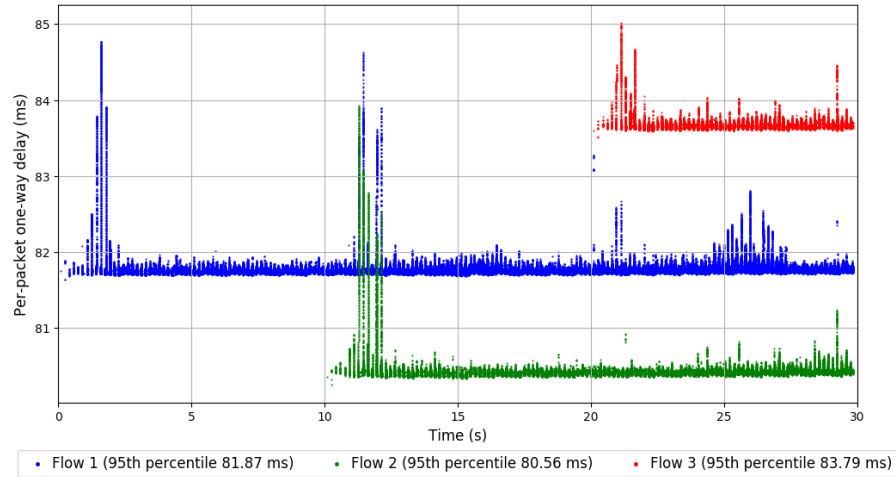
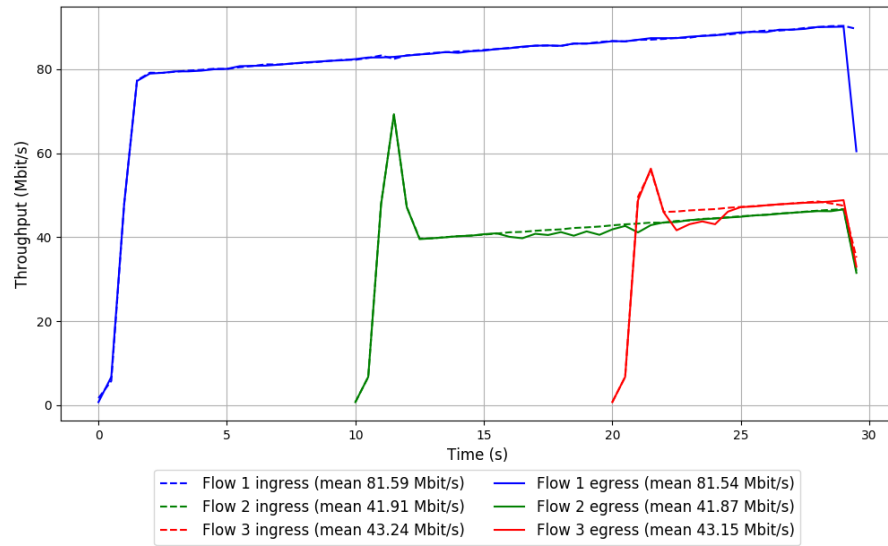


Run 7: Statistics of TCP Vegas

Start at: 2017-11-30 20:01:32
End at: 2017-11-30 20:02:02
Local clock offset: 0.845 ms
Remote clock offset: -4.627 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 123.40 Mbit/s
95th percentile per-packet one-way delay: 83.675 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 81.54 Mbit/s
95th percentile per-packet one-way delay: 81.873 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 41.87 Mbit/s
95th percentile per-packet one-way delay: 80.555 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 43.15 Mbit/s
95th percentile per-packet one-way delay: 83.787 ms
Loss rate: 1.92%

Run 7: Report of TCP Vegas — Data Link

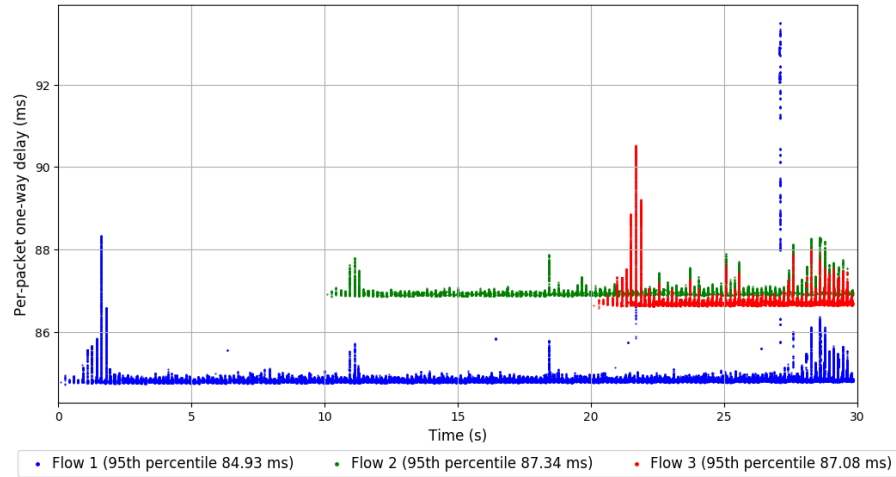
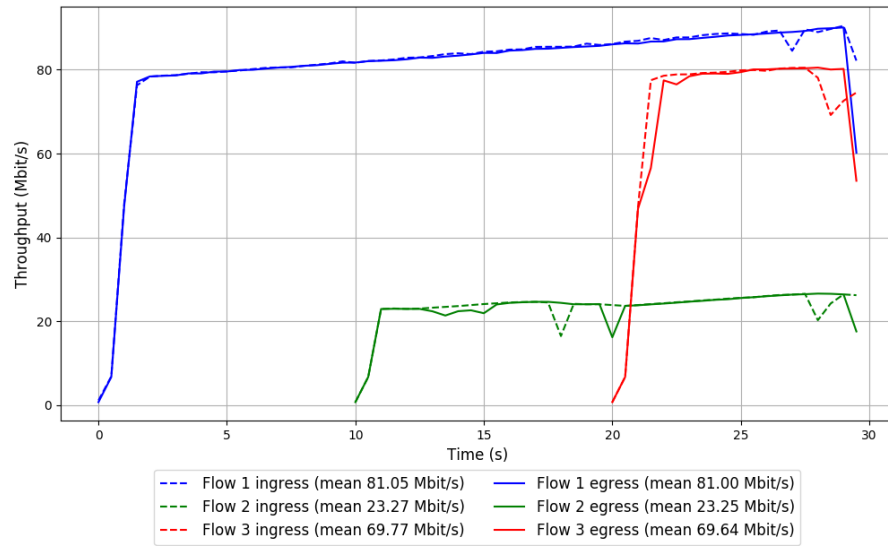


Run 8: Statistics of TCP Vegas

Start at: 2017-11-30 20:20:54
End at: 2017-11-30 20:21:24
Local clock offset: 0.73 ms
Remote clock offset: -8.252 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 119.18 Mbit/s
95th percentile per-packet one-way delay: 86.967 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 81.00 Mbit/s
95th percentile per-packet one-way delay: 84.927 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 23.25 Mbit/s
95th percentile per-packet one-way delay: 87.339 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 69.64 Mbit/s
95th percentile per-packet one-way delay: 87.085 ms
Loss rate: 1.93%

Run 8: Report of TCP Vegas — Data Link

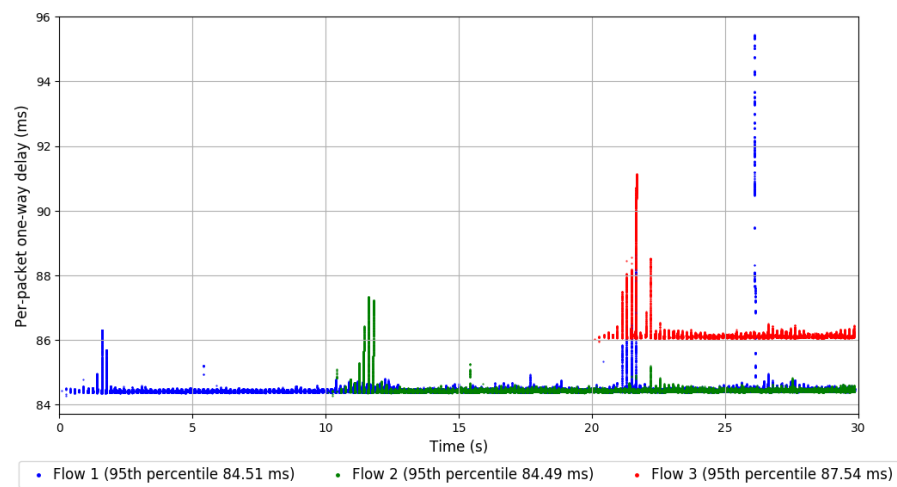
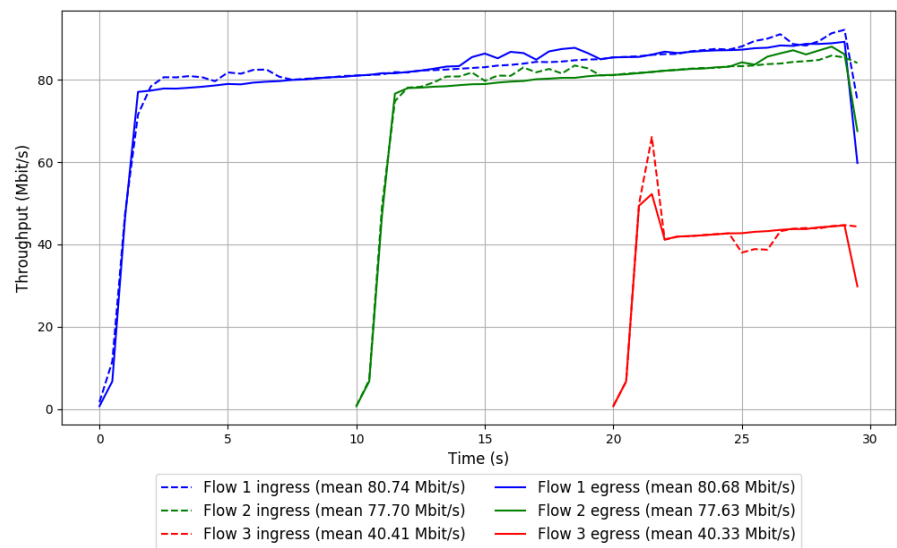


Run 9: Statistics of TCP Vegas

Start at: 2017-11-30 20:40:38
End at: 2017-11-30 20:41:08
Local clock offset: 0.673 ms
Remote clock offset: -6.396 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.37 Mbit/s
95th percentile per-packet one-way delay: 86.128 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 80.68 Mbit/s
95th percentile per-packet one-way delay: 84.511 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 77.63 Mbit/s
95th percentile per-packet one-way delay: 84.489 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 87.537 ms
Loss rate: 1.90%

Run 9: Report of TCP Vegas — Data Link

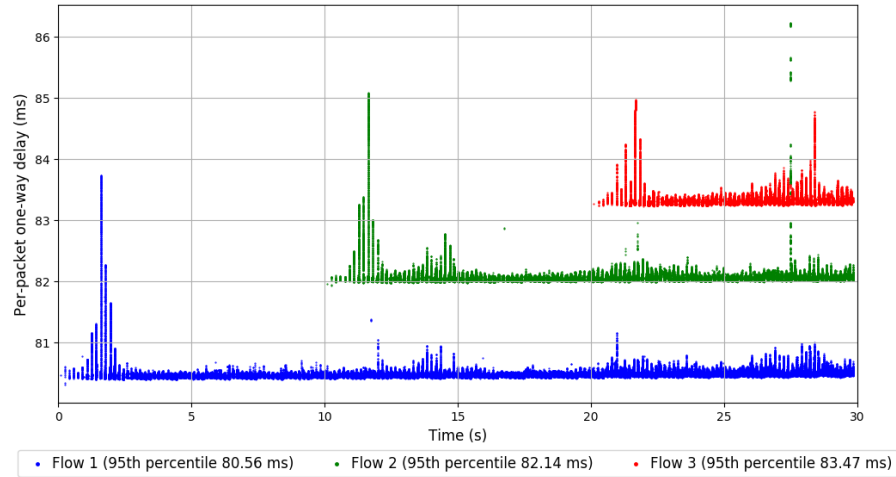
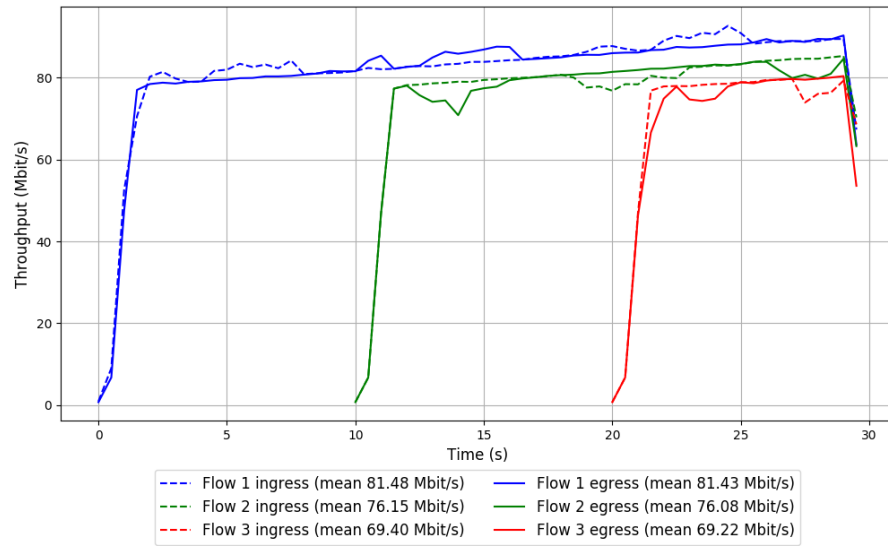


Run 10: Statistics of TCP Vegas

Start at: 2017-11-30 21:00:52
End at: 2017-11-30 21:01:22
Local clock offset: 0.542 ms
Remote clock offset: -0.895 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 154.51 Mbit/s
95th percentile per-packet one-way delay: 83.327 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 81.43 Mbit/s
95th percentile per-packet one-way delay: 80.560 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 76.08 Mbit/s
95th percentile per-packet one-way delay: 82.144 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 69.22 Mbit/s
95th percentile per-packet one-way delay: 83.465 ms
Loss rate: 1.96%

Run 10: Report of TCP Vegas — Data Link

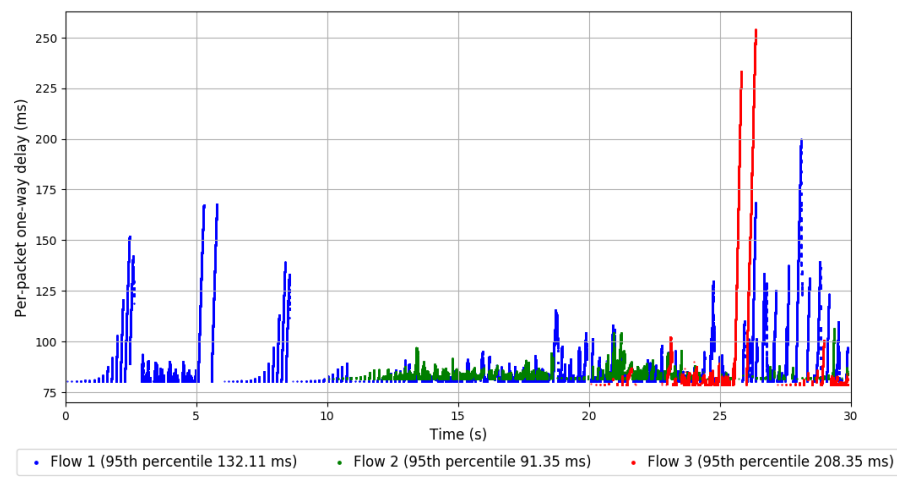
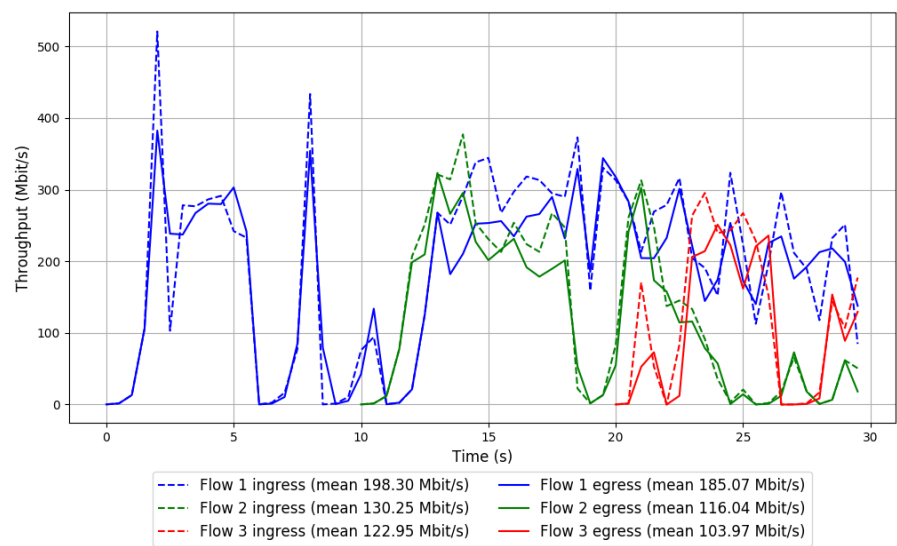


Run 1: Statistics of Verus

Start at: 2017-11-30 17:56:14
End at: 2017-11-30 17:56:44
Local clock offset: 0.364 ms
Remote clock offset: -8.306 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 296.26 Mbit/s
95th percentile per-packet one-way delay: 131.081 ms
Loss rate: 9.28%
-- Flow 1:
Average throughput: 185.07 Mbit/s
95th percentile per-packet one-way delay: 132.112 ms
Loss rate: 6.66%
-- Flow 2:
Average throughput: 116.04 Mbit/s
95th percentile per-packet one-way delay: 91.349 ms
Loss rate: 11.66%
-- Flow 3:
Average throughput: 103.97 Mbit/s
95th percentile per-packet one-way delay: 208.350 ms
Loss rate: 16.87%

Run 1: Report of Verus — Data Link

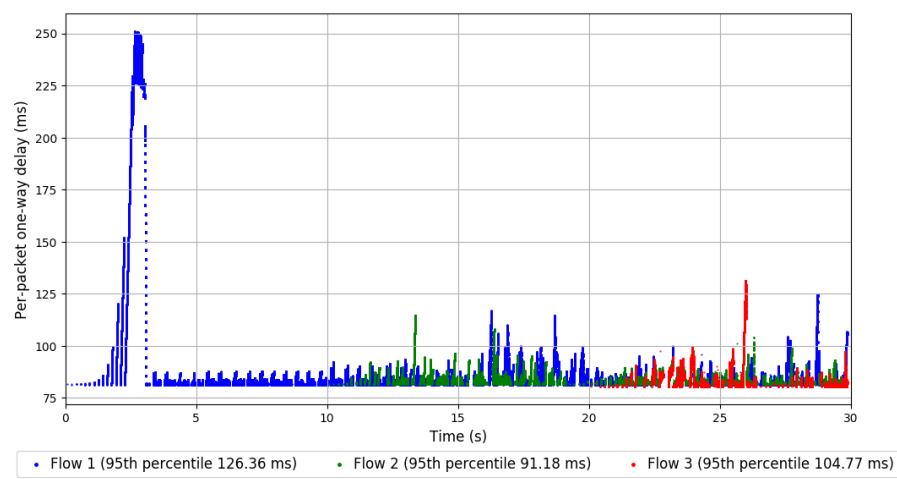
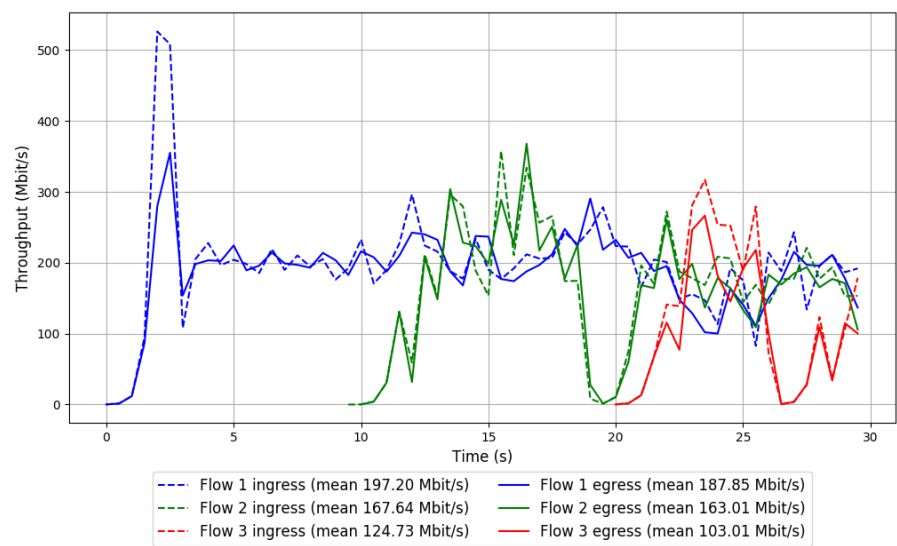


Run 2: Statistics of Verus

Start at: 2017-11-30 18:16:10
End at: 2017-11-30 18:16:40
Local clock offset: 0.512 ms
Remote clock offset: -6.217 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.18 Mbit/s
95th percentile per-packet one-way delay: 100.550 ms
Loss rate: 6.37%
-- Flow 1:
Average throughput: 187.85 Mbit/s
95th percentile per-packet one-way delay: 126.365 ms
Loss rate: 5.06%
-- Flow 2:
Average throughput: 163.01 Mbit/s
95th percentile per-packet one-way delay: 91.176 ms
Loss rate: 4.03%
-- Flow 3:
Average throughput: 103.01 Mbit/s
95th percentile per-packet one-way delay: 104.773 ms
Loss rate: 18.83%

Run 2: Report of Verus — Data Link

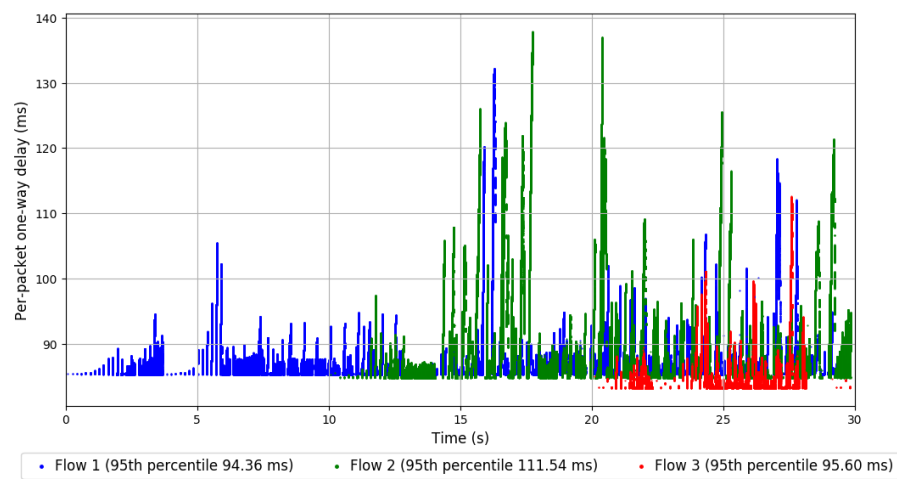
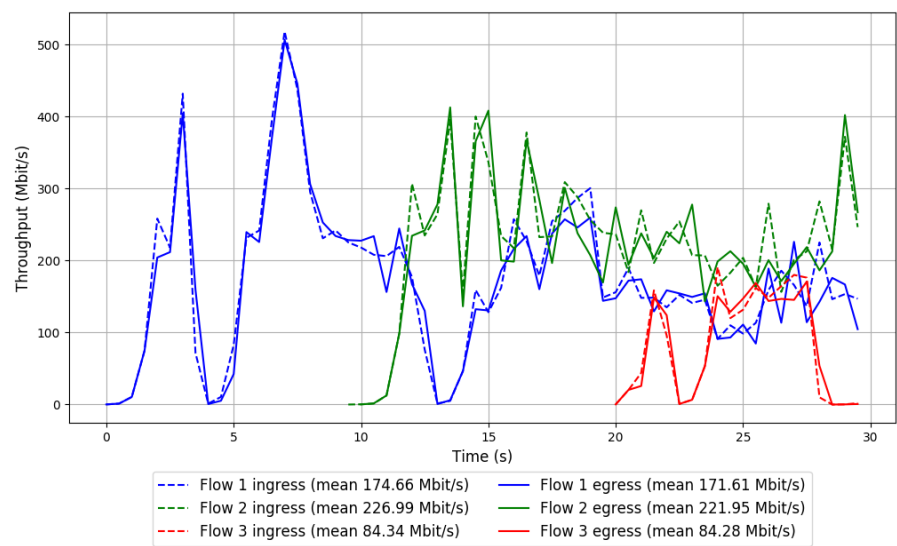


Run 3: Statistics of Verus

Start at: 2017-11-30 18:36:02
End at: 2017-11-30 18:36:32
Local clock offset: 0.665 ms
Remote clock offset: -10.59 ms

Below is generated by plot.py at 2017-12-01 01:03:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 346.30 Mbit/s
95th percentile per-packet one-way delay: 104.706 ms
Loss rate: 2.74%
-- Flow 1:
Average throughput: 171.61 Mbit/s
95th percentile per-packet one-way delay: 94.358 ms
Loss rate: 2.53%
-- Flow 2:
Average throughput: 221.95 Mbit/s
95th percentile per-packet one-way delay: 111.541 ms
Loss rate: 3.17%
-- Flow 3:
Average throughput: 84.28 Mbit/s
95th percentile per-packet one-way delay: 95.601 ms
Loss rate: 1.75%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-11-30 18:55:41

End at: 2017-11-30 18:56:11

Local clock offset: 0.769 ms

Remote clock offset: -5.09 ms

Below is generated by plot.py at 2017-12-01 01:03:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 352.26 Mbit/s

95th percentile per-packet one-way delay: 93.468 ms

Loss rate: 15.33%

-- Flow 1:

Average throughput: 198.29 Mbit/s

95th percentile per-packet one-way delay: 97.748 ms

Loss rate: 11.64%

-- Flow 2:

Average throughput: 170.76 Mbit/s

95th percentile per-packet one-way delay: 87.986 ms

Loss rate: 17.24%

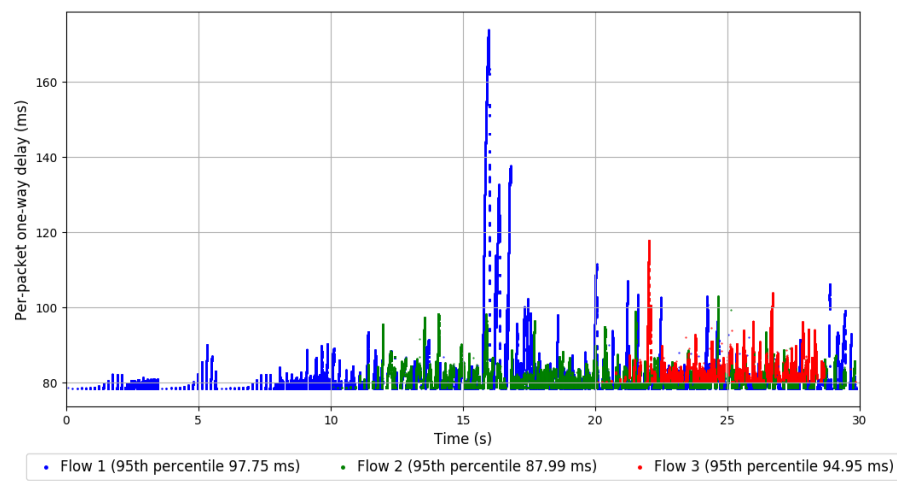
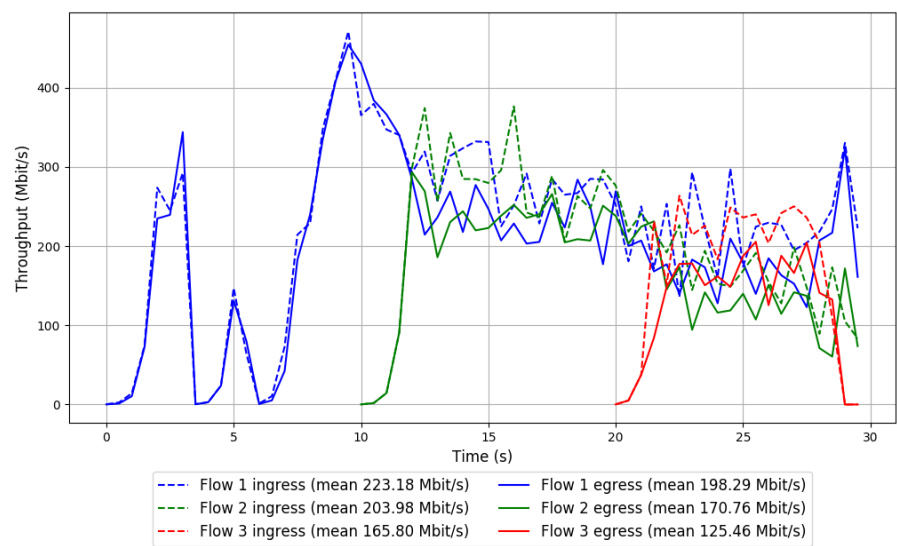
-- Flow 3:

Average throughput: 125.46 Mbit/s

95th percentile per-packet one-way delay: 94.950 ms

Loss rate: 25.62%

Run 4: Report of Verus — Data Link

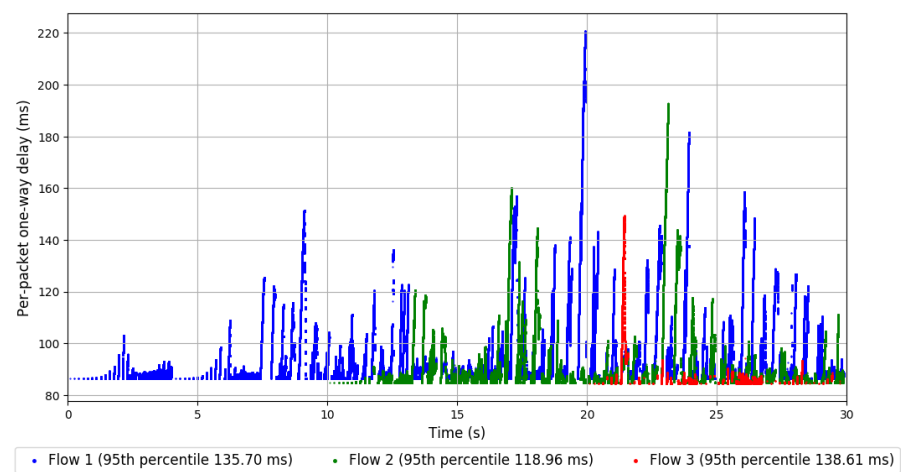
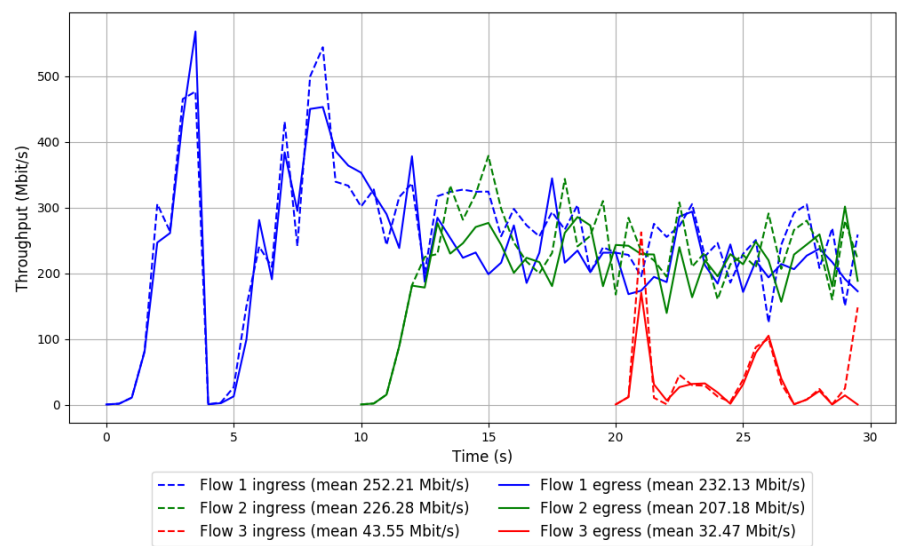


Run 5: Statistics of Verus

Start at: 2017-11-30 19:15:36
End at: 2017-11-30 19:16:07
Local clock offset: 0.824 ms
Remote clock offset: -10.369 ms

Below is generated by plot.py at 2017-12-01 01:04:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 380.15 Mbit/s
95th percentile per-packet one-way delay: 132.743 ms
Loss rate: 9.28%
-- Flow 1:
Average throughput: 232.13 Mbit/s
95th percentile per-packet one-way delay: 135.701 ms
Loss rate: 8.38%
-- Flow 2:
Average throughput: 207.18 Mbit/s
95th percentile per-packet one-way delay: 118.959 ms
Loss rate: 8.99%
-- Flow 3:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 138.607 ms
Loss rate: 27.76%

Run 5: Report of Verus — Data Link

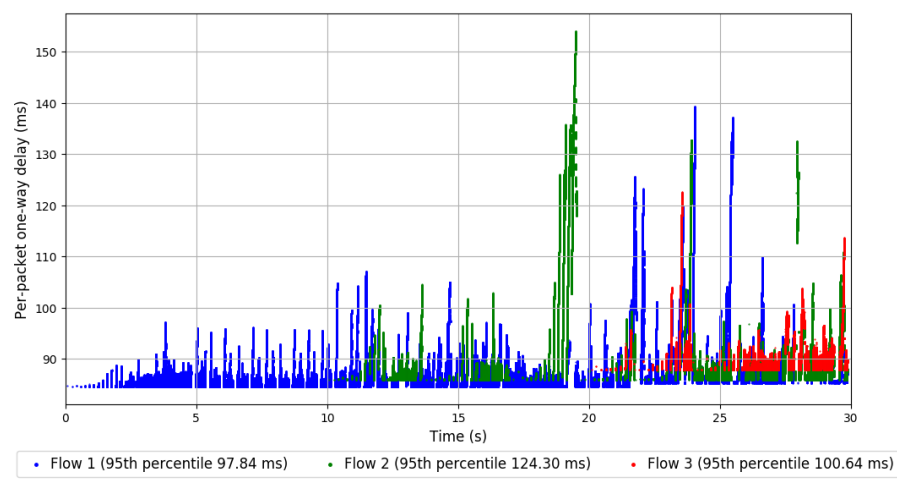
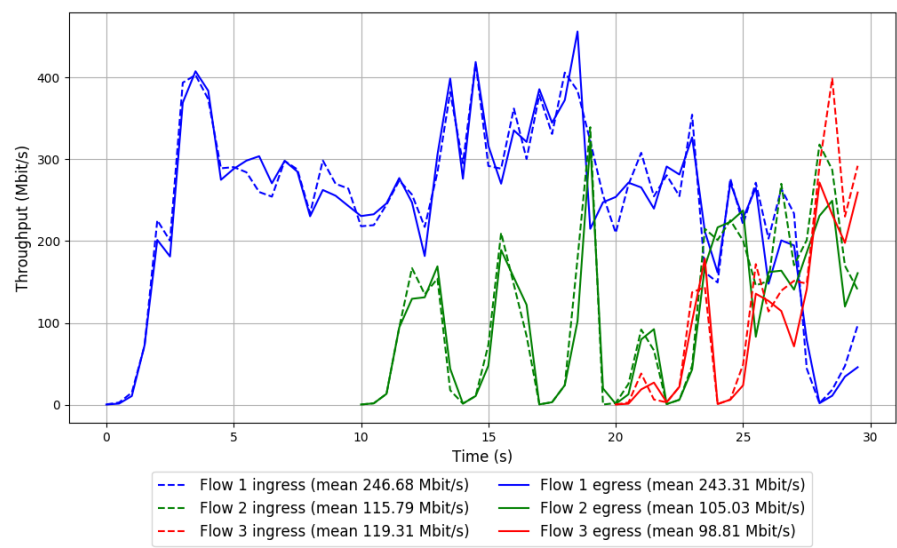


Run 6: Statistics of Verus

Start at: 2017-11-30 19:35:47
End at: 2017-11-30 19:36:17
Local clock offset: 0.835 ms
Remote clock offset: -9.378 ms

Below is generated by plot.py at 2017-12-01 01:04:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 345.52 Mbit/s
95th percentile per-packet one-way delay: 101.806 ms
Loss rate: 5.12%
-- Flow 1:
Average throughput: 243.31 Mbit/s
95th percentile per-packet one-way delay: 97.843 ms
Loss rate: 1.80%
-- Flow 2:
Average throughput: 105.03 Mbit/s
95th percentile per-packet one-way delay: 124.297 ms
Loss rate: 9.45%
-- Flow 3:
Average throughput: 98.81 Mbit/s
95th percentile per-packet one-way delay: 100.638 ms
Loss rate: 17.58%

Run 6: Report of Verus — Data Link

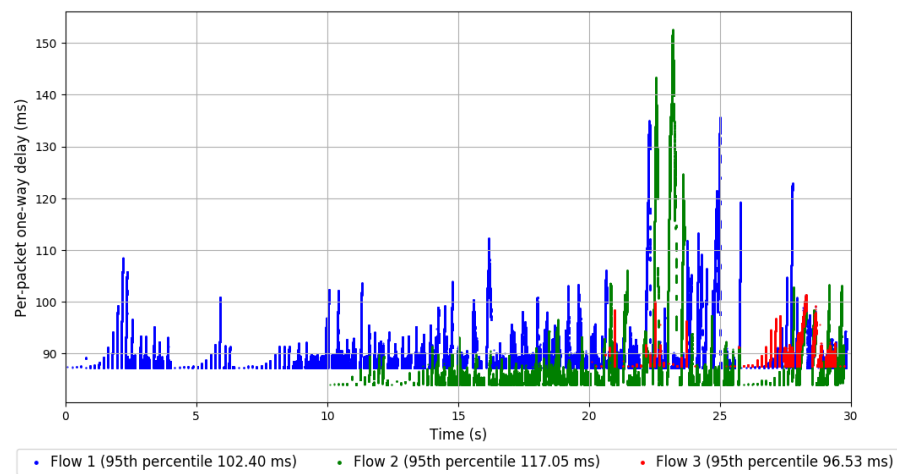
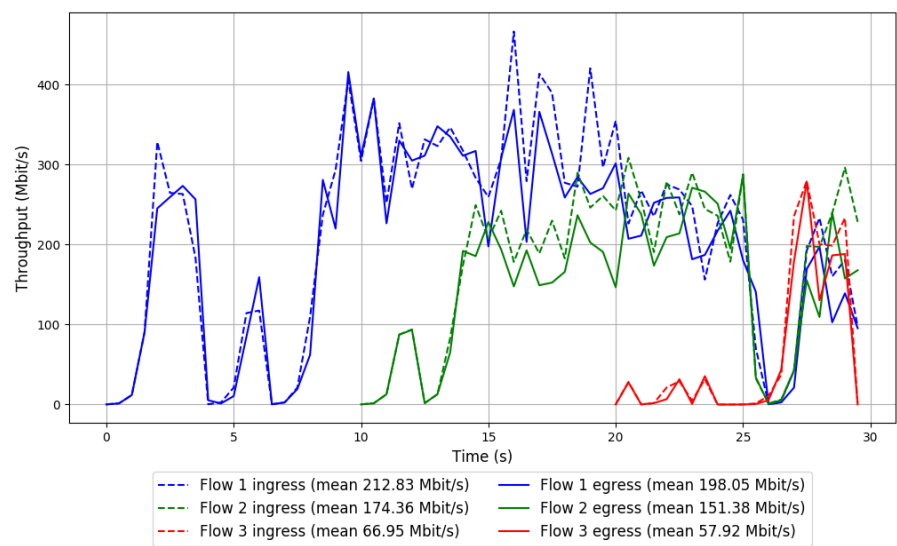


Run 7: Statistics of Verus

Start at: 2017-11-30 19:55:17
End at: 2017-11-30 19:55:47
Local clock offset: 0.81 ms
Remote clock offset: -8.703 ms

Below is generated by plot.py at 2017-12-01 01:05:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 316.72 Mbit/s
95th percentile per-packet one-way delay: 102.972 ms
Loss rate: 10.38%
-- Flow 1:
Average throughput: 198.05 Mbit/s
95th percentile per-packet one-way delay: 102.399 ms
Loss rate: 7.61%
-- Flow 2:
Average throughput: 151.38 Mbit/s
95th percentile per-packet one-way delay: 117.050 ms
Loss rate: 14.58%
-- Flow 3:
Average throughput: 57.92 Mbit/s
95th percentile per-packet one-way delay: 96.528 ms
Loss rate: 14.99%

Run 7: Report of Verus — Data Link

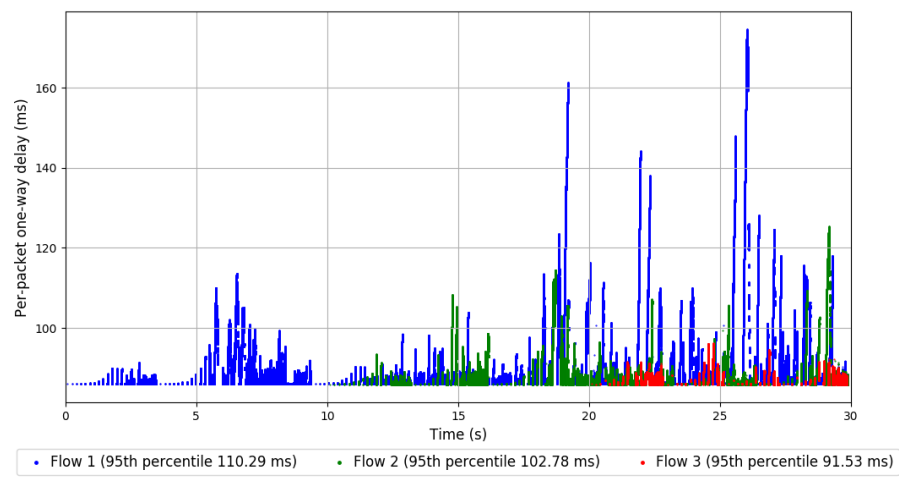
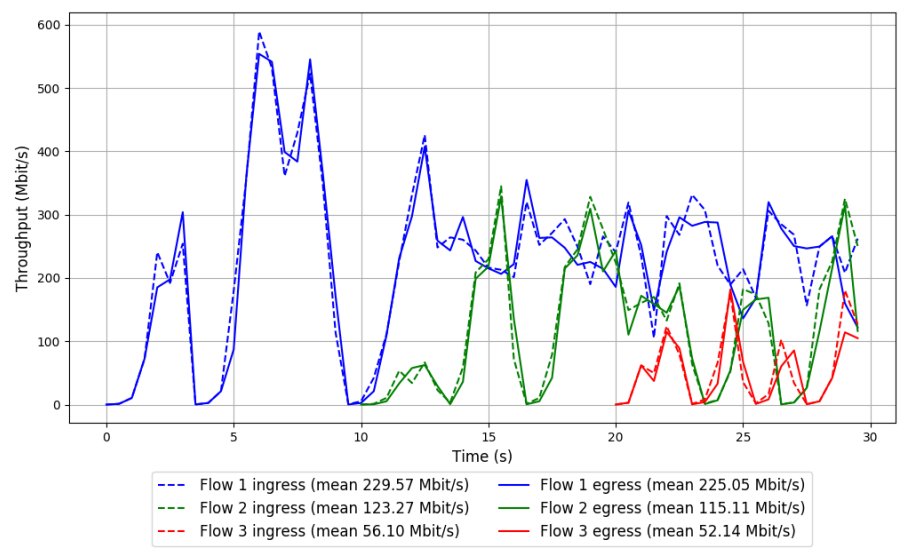


Run 8: Statistics of Verus

Start at: 2017-11-30 20:14:45
End at: 2017-11-30 20:15:15
Local clock offset: 0.787 ms
Remote clock offset: -7.815 ms

Below is generated by plot.py at 2017-12-01 01:07:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 318.49 Mbit/s
95th percentile per-packet one-way delay: 107.563 ms
Loss rate: 4.11%
-- Flow 1:
Average throughput: 225.05 Mbit/s
95th percentile per-packet one-way delay: 110.293 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 115.11 Mbit/s
95th percentile per-packet one-way delay: 102.780 ms
Loss rate: 7.42%
-- Flow 3:
Average throughput: 52.14 Mbit/s
95th percentile per-packet one-way delay: 91.525 ms
Loss rate: 8.91%

Run 8: Report of Verus — Data Link

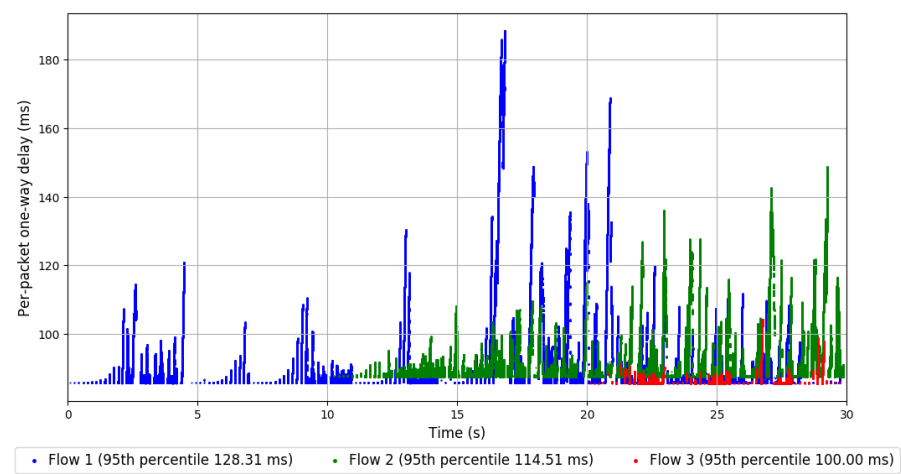
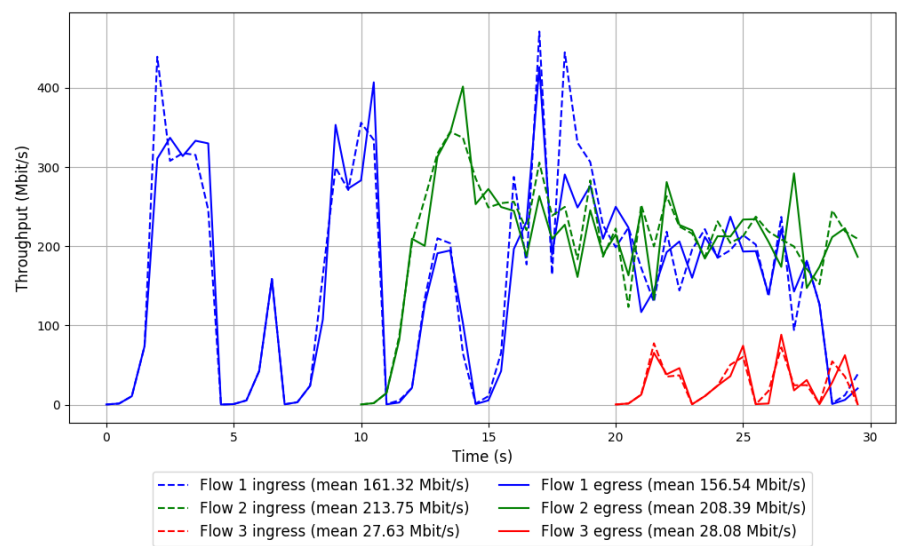


Run 9: Statistics of Verus

Start at: 2017-11-30 20:34:24
End at: 2017-11-30 20:34:54
Local clock offset: 0.69 ms
Remote clock offset: -6.766 ms

Below is generated by plot.py at 2017-12-01 01:07:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 303.21 Mbit/s
95th percentile per-packet one-way delay: 119.920 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 156.54 Mbit/s
95th percentile per-packet one-way delay: 128.310 ms
Loss rate: 3.57%
-- Flow 2:
Average throughput: 208.39 Mbit/s
95th percentile per-packet one-way delay: 114.511 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 28.08 Mbit/s
95th percentile per-packet one-way delay: 100.004 ms
Loss rate: 0.08%

Run 9: Report of Verus — Data Link

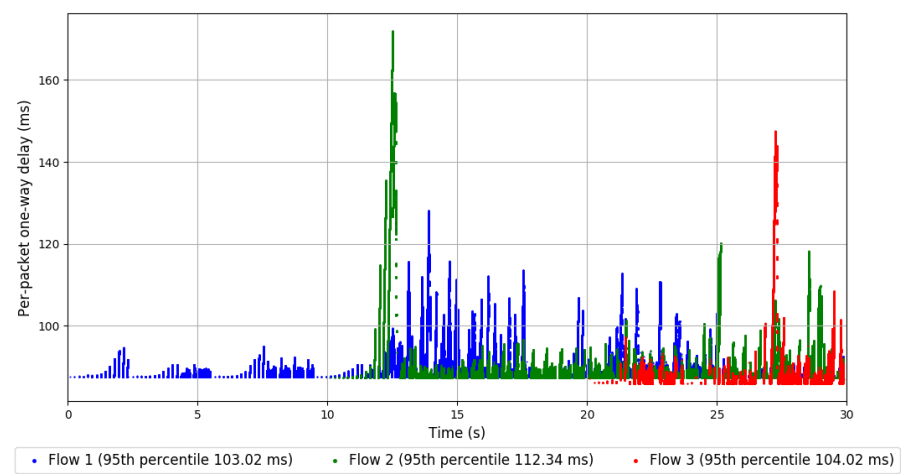
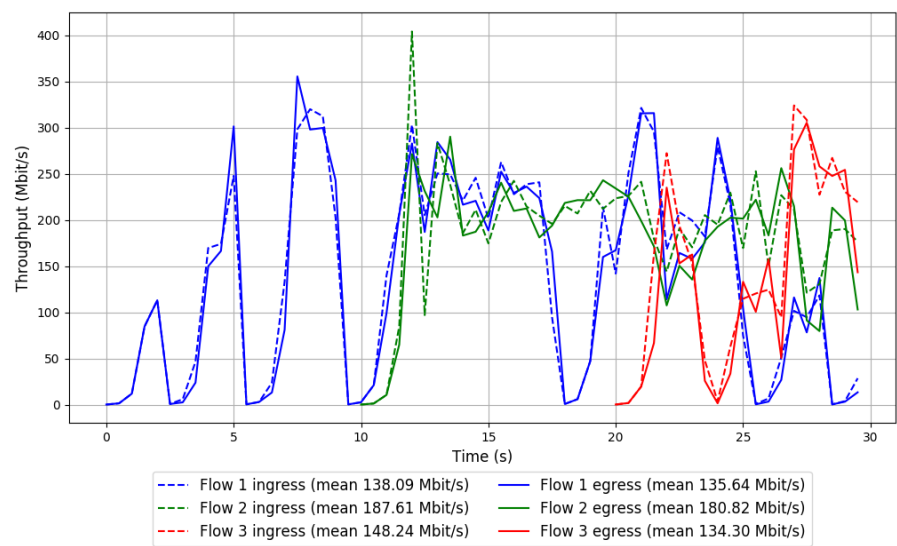


Run 10: Statistics of Verus

Start at: 2017-11-30 20:54:38
End at: 2017-11-30 20:55:08
Local clock offset: 0.592 ms
Remote clock offset: -5.325 ms

Below is generated by plot.py at 2017-12-01 01:07:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 299.74 Mbit/s
95th percentile per-packet one-way delay: 104.767 ms
Loss rate: 4.40%
-- Flow 1:
Average throughput: 135.64 Mbit/s
95th percentile per-packet one-way delay: 103.020 ms
Loss rate: 2.37%
-- Flow 2:
Average throughput: 180.82 Mbit/s
95th percentile per-packet one-way delay: 112.342 ms
Loss rate: 4.06%
-- Flow 3:
Average throughput: 134.30 Mbit/s
95th percentile per-packet one-way delay: 104.017 ms
Loss rate: 10.94%

Run 10: Report of Verus — Data Link

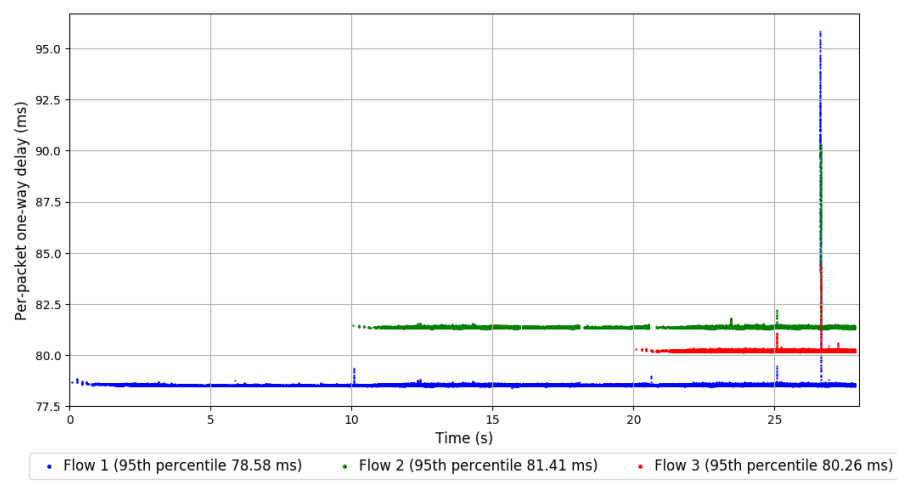
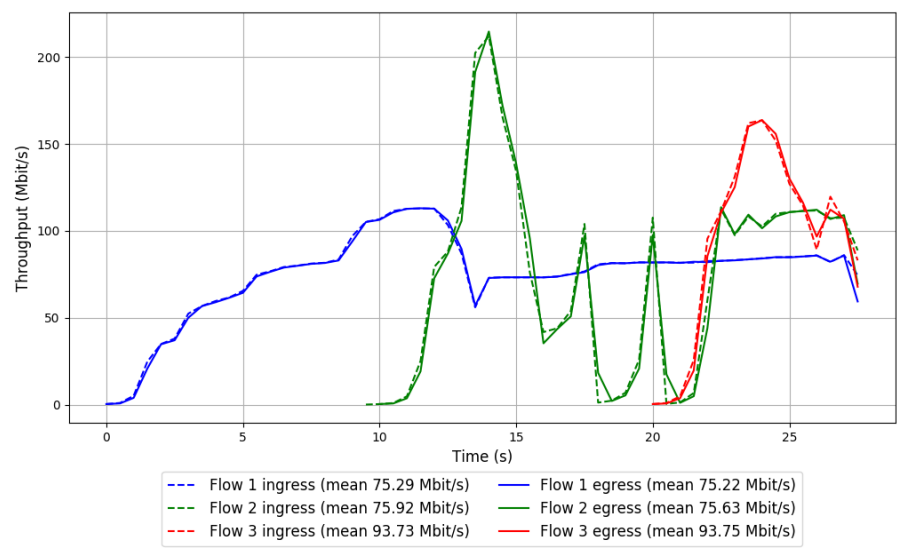


Run 1: Statistics of Copa

Start at: 2017-11-30 17:50:48
End at: 2017-11-30 17:51:18
Local clock offset: 0.354 ms
Remote clock offset: -7.981 ms

Below is generated by plot.py at 2017-12-01 01:07:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 149.88 Mbit/s
95th percentile per-packet one-way delay: 81.397 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 78.585 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 75.63 Mbit/s
95th percentile per-packet one-way delay: 81.410 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 80.263 ms
Loss rate: 2.10%

Run 1: Report of Copa — Data Link

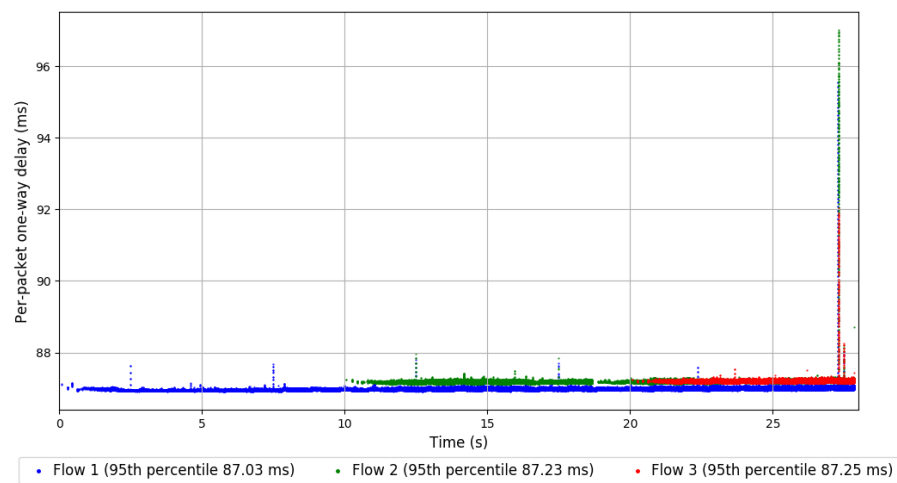
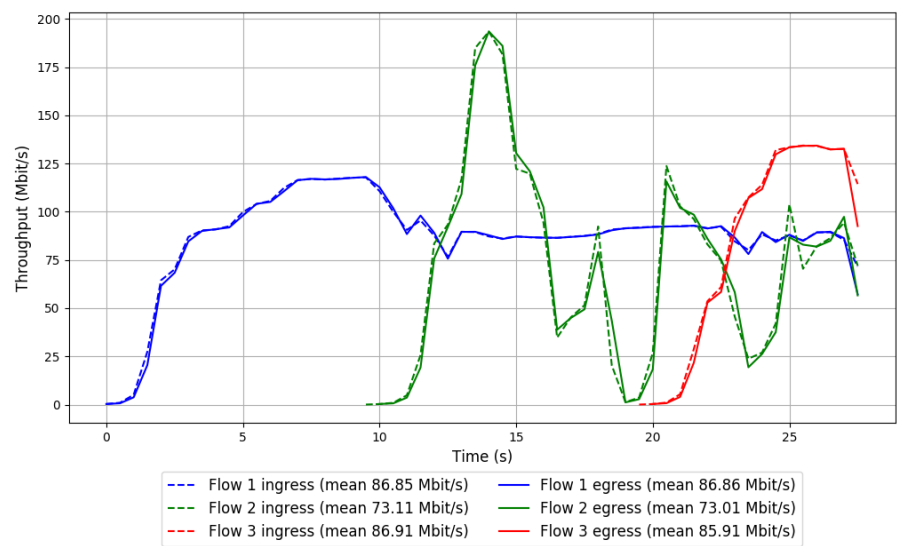


Run 2: Statistics of Copa

Start at: 2017-11-30 18:10:46
End at: 2017-11-30 18:11:16
Local clock offset: 0.422 ms
Remote clock offset: -12.555 ms

Below is generated by plot.py at 2017-12-01 01:07:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 157.70 Mbit/s
95th percentile per-packet one-way delay: 87.229 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 86.86 Mbit/s
95th percentile per-packet one-way delay: 87.032 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 73.01 Mbit/s
95th percentile per-packet one-way delay: 87.235 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 85.91 Mbit/s
95th percentile per-packet one-way delay: 87.245 ms
Loss rate: 3.27%

Run 2: Report of Copa — Data Link

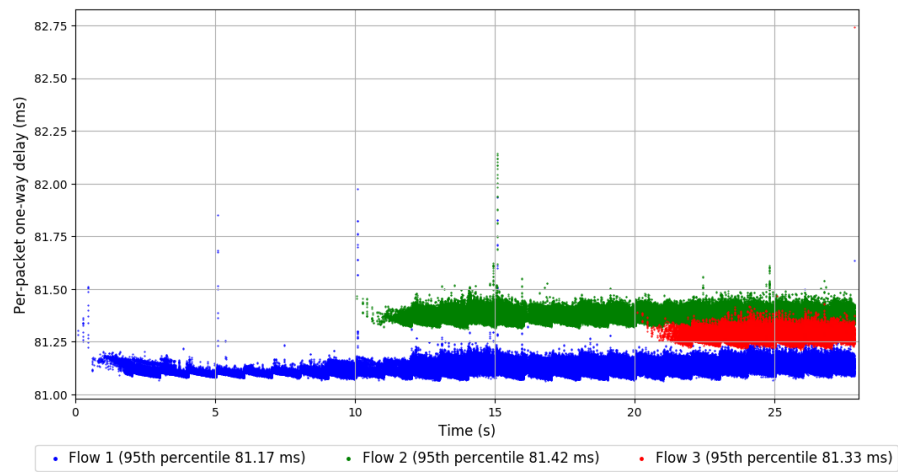
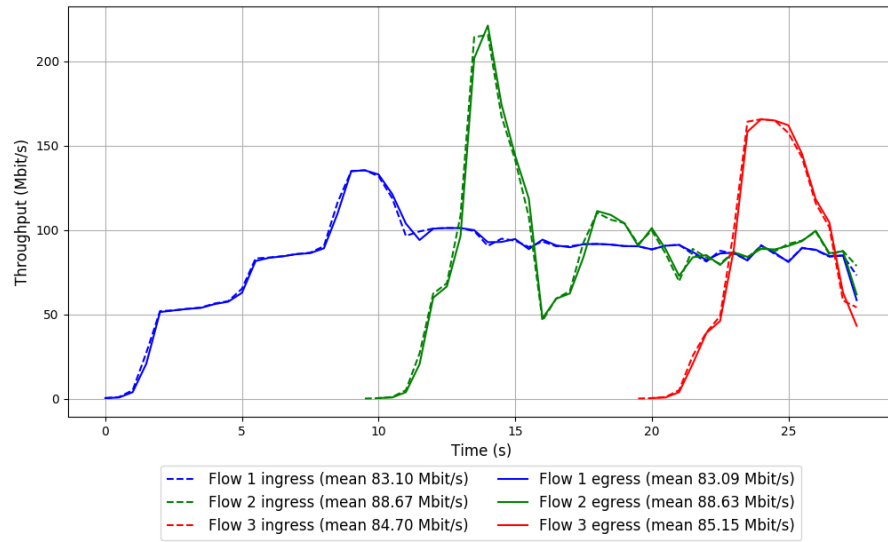


Run 3: Statistics of Copa

Start at: 2017-11-30 18:30:38
End at: 2017-11-30 18:31:08
Local clock offset: 0.612 ms
Remote clock offset: -6.833 ms

Below is generated by plot.py at 2017-12-01 01:08:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 163.70 Mbit/s
95th percentile per-packet one-way delay: 81.406 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 83.09 Mbit/s
95th percentile per-packet one-way delay: 81.175 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 88.63 Mbit/s
95th percentile per-packet one-way delay: 81.420 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 85.15 Mbit/s
95th percentile per-packet one-way delay: 81.328 ms
Loss rate: 1.57%

Run 3: Report of Copa — Data Link

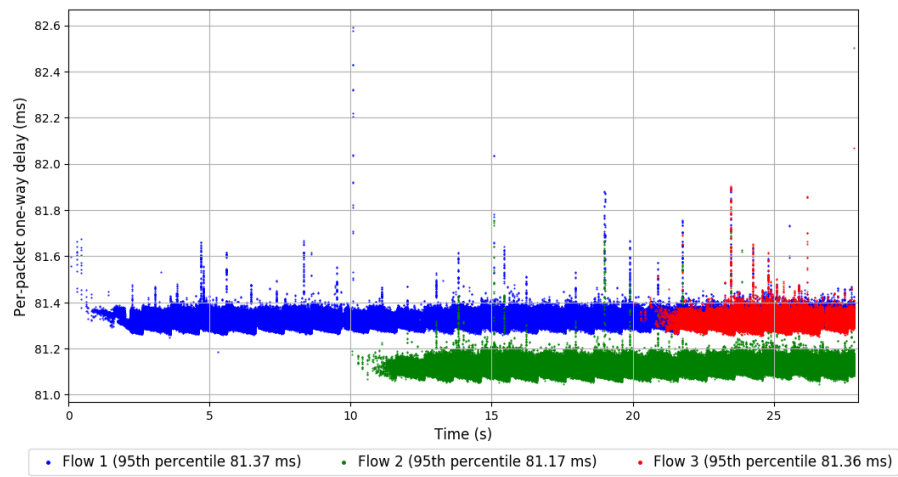
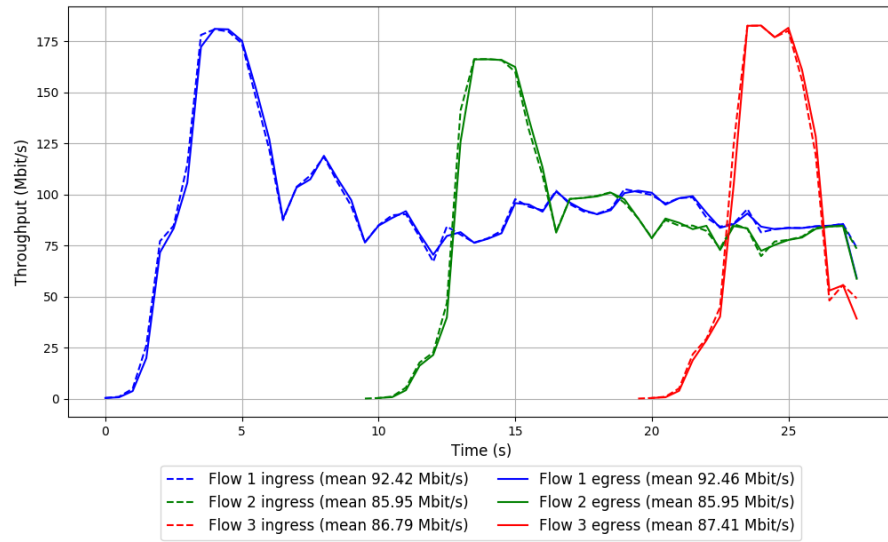


Run 4: Statistics of Copa

Start at: 2017-11-30 18:50:27
End at: 2017-11-30 18:50:57
Local clock offset: 0.728 ms
Remote clock offset: -6.312 ms

Below is generated by plot.py at 2017-12-01 01:08:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 171.98 Mbit/s
95th percentile per-packet one-way delay: 81.364 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 81.370 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 81.167 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 87.41 Mbit/s
95th percentile per-packet one-way delay: 81.362 ms
Loss rate: 1.38%

Run 4: Report of Copa — Data Link

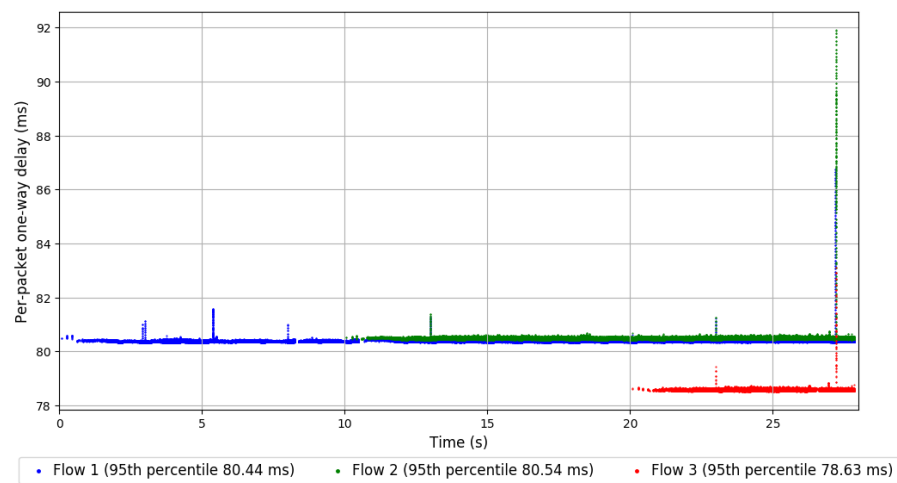
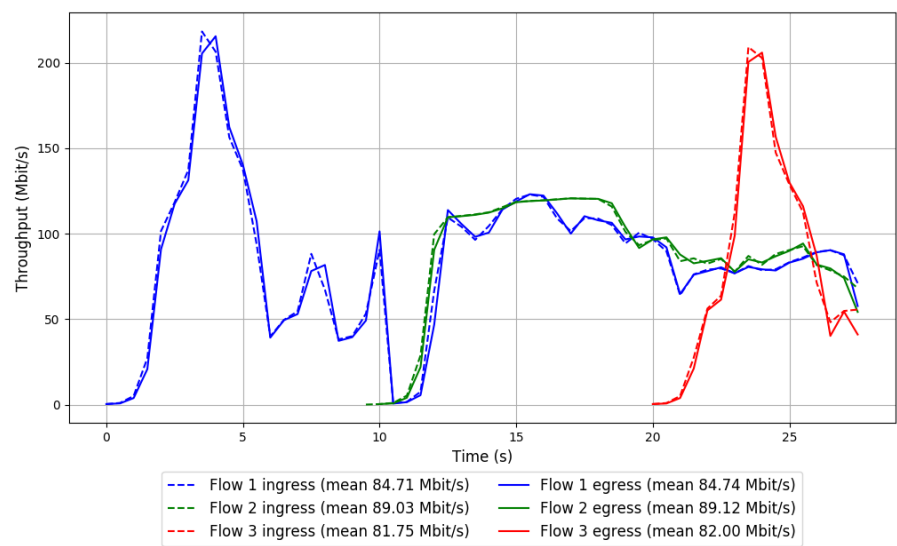


Run 5: Statistics of Copa

Start at: 2017-11-30 19:10:12
End at: 2017-11-30 19:10:42
Local clock offset: 0.791 ms
Remote clock offset: -4.636 ms

Below is generated by plot.py at 2017-12-01 01:09:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.75 Mbit/s
95th percentile per-packet one-way delay: 80.527 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 84.74 Mbit/s
95th percentile per-packet one-way delay: 80.441 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 80.540 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 82.00 Mbit/s
95th percentile per-packet one-way delay: 78.627 ms
Loss rate: 1.81%

Run 5: Report of Copa — Data Link

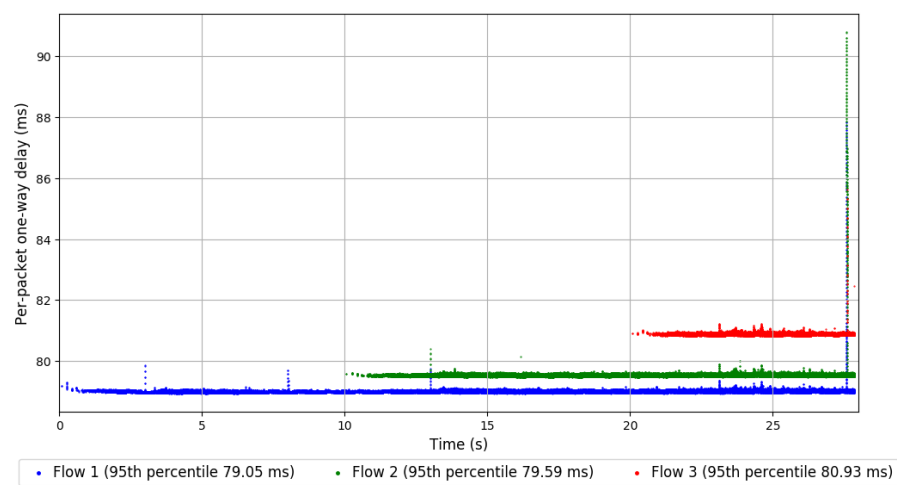
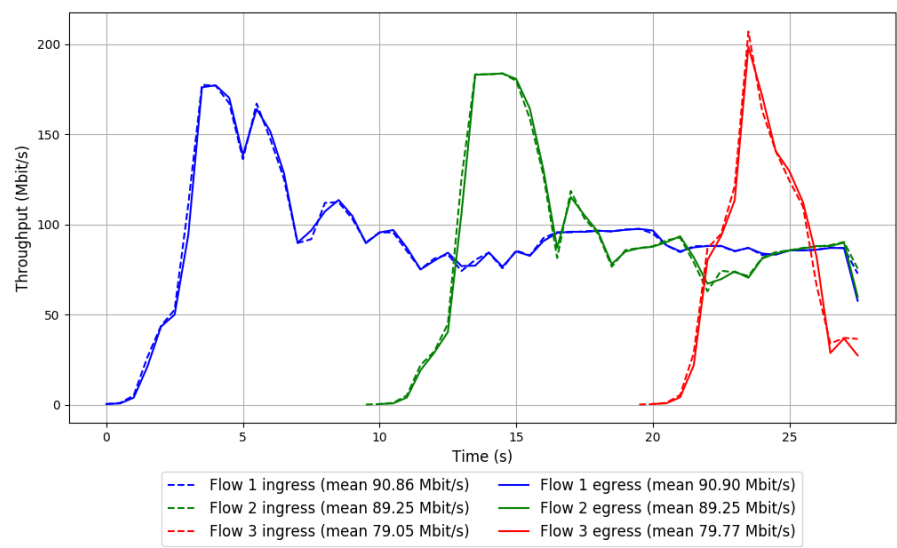


Run 6: Statistics of Copa

Start at: 2017-11-30 19:30:22
End at: 2017-11-30 19:30:52
Local clock offset: 0.732 ms
Remote clock offset: -2.863 ms

Below is generated by plot.py at 2017-12-01 01:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 170.38 Mbit/s
95th percentile per-packet one-way delay: 80.894 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 90.90 Mbit/s
95th percentile per-packet one-way delay: 79.048 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 79.587 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 79.77 Mbit/s
95th percentile per-packet one-way delay: 80.929 ms
Loss rate: 1.22%

Run 6: Report of Copa — Data Link

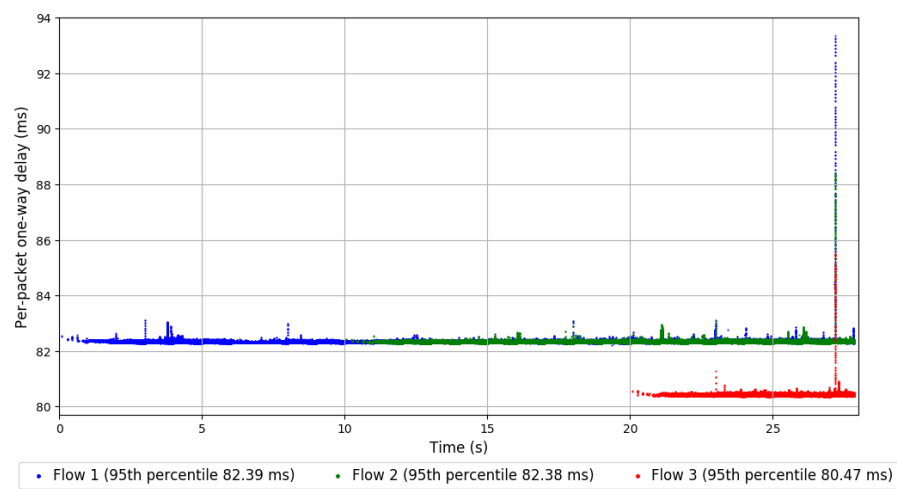
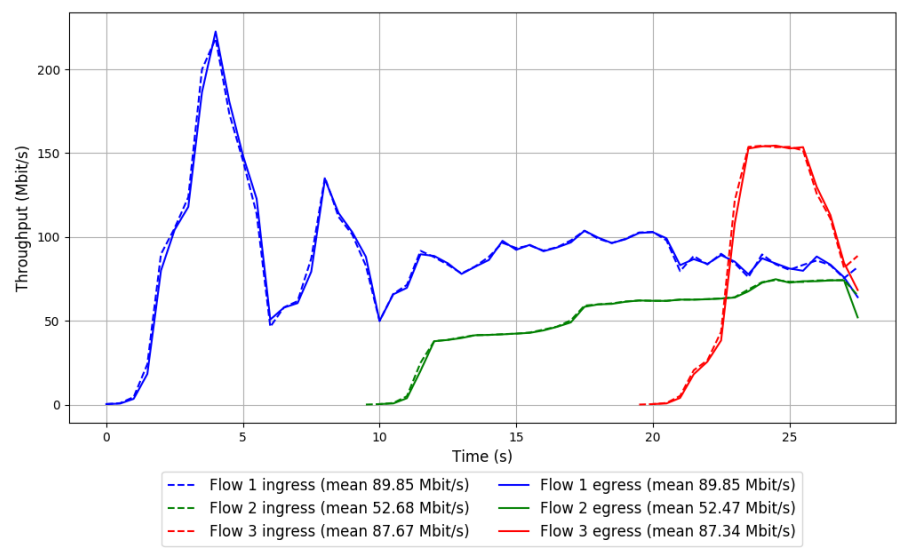


Run 7: Statistics of Copa

Start at: 2017-11-30 19:50:07
End at: 2017-11-30 19:50:37
Local clock offset: 0.863 ms
Remote clock offset: -4.379 ms

Below is generated by plot.py at 2017-12-01 01:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 147.92 Mbit/s
95th percentile per-packet one-way delay: 82.383 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 82.385 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 82.384 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 80.474 ms
Loss rate: 2.46%

Run 7: Report of Copa — Data Link

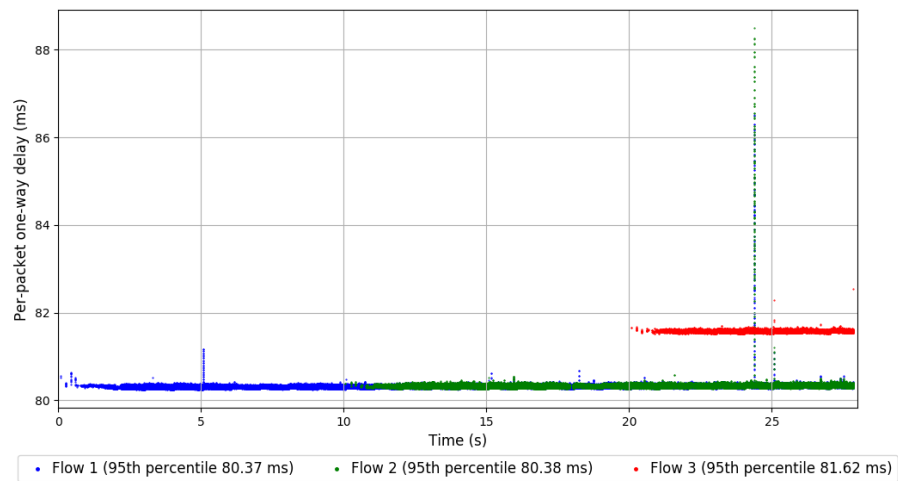
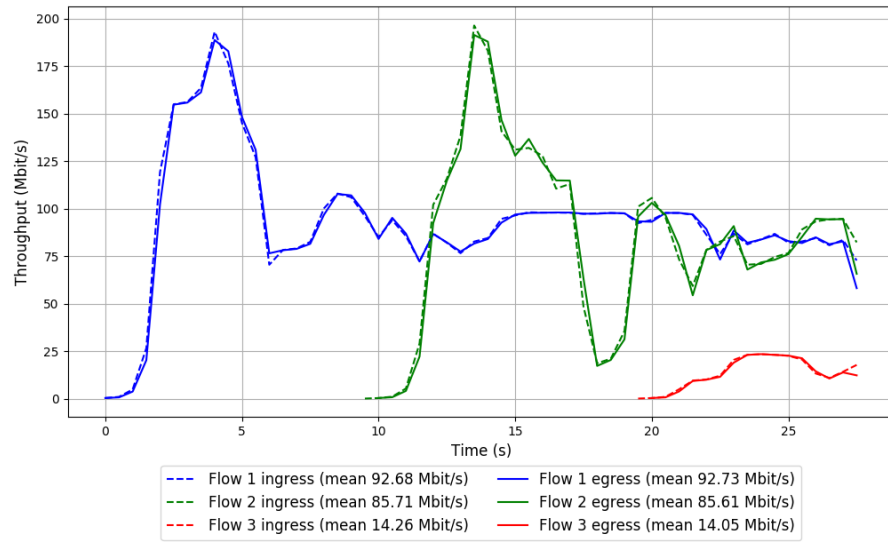


Run 8: Statistics of Copa

Start at: 2017-11-30 20:09:33
End at: 2017-11-30 20:10:03
Local clock offset: 0.761 ms
Remote clock offset: -4.069 ms

Below is generated by plot.py at 2017-12-01 01:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.52 Mbit/s
95th percentile per-packet one-way delay: 80.378 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 80.366 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 85.61 Mbit/s
95th percentile per-packet one-way delay: 80.375 ms
Loss rate: 1.03%
-- Flow 3:
Average throughput: 14.05 Mbit/s
95th percentile per-packet one-way delay: 81.622 ms
Loss rate: 3.56%

Run 8: Report of Copa — Data Link

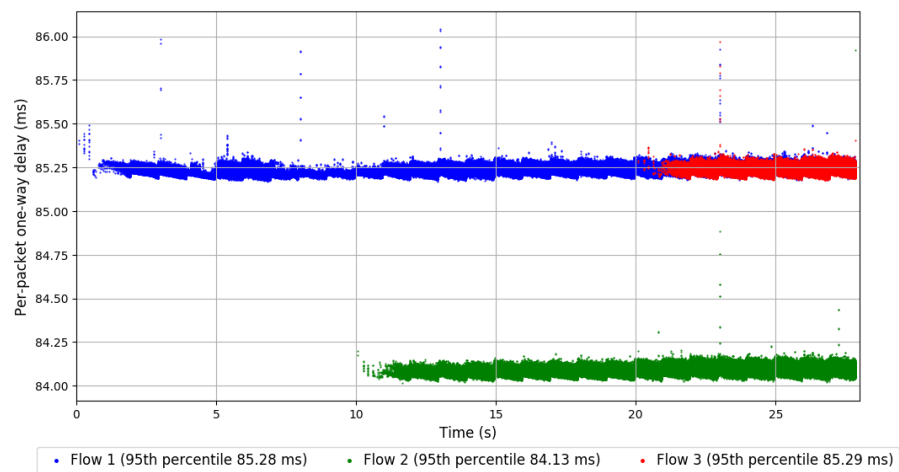
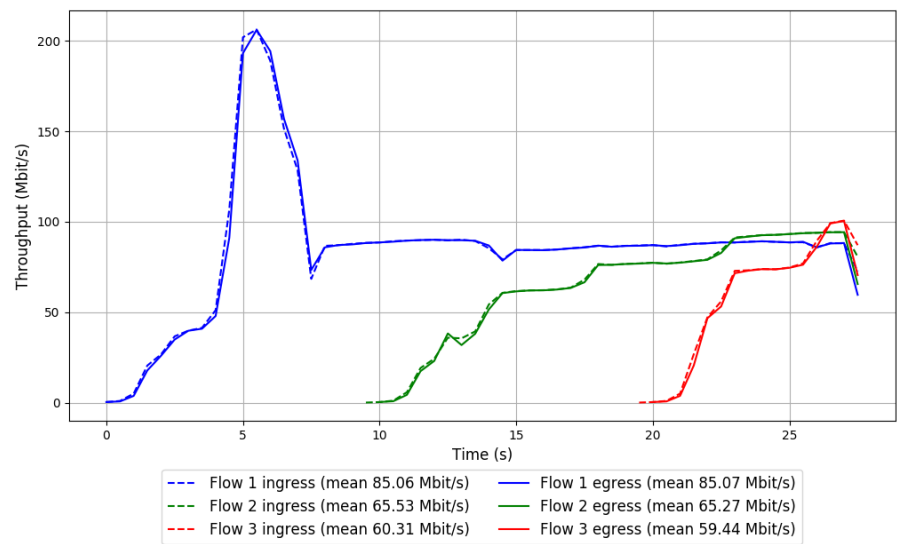


Run 9: Statistics of Copa

Start at: 2017-11-30 20:29:02
End at: 2017-11-30 20:29:32
Local clock offset: 0.706 ms
Remote clock offset: -6.689 ms

Below is generated by plot.py at 2017-12-01 01:11:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 143.52 Mbit/s
95th percentile per-packet one-way delay: 85.278 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 85.280 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 65.27 Mbit/s
95th percentile per-packet one-way delay: 84.134 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 85.286 ms
Loss rate: 3.53%

Run 9: Report of Copa — Data Link

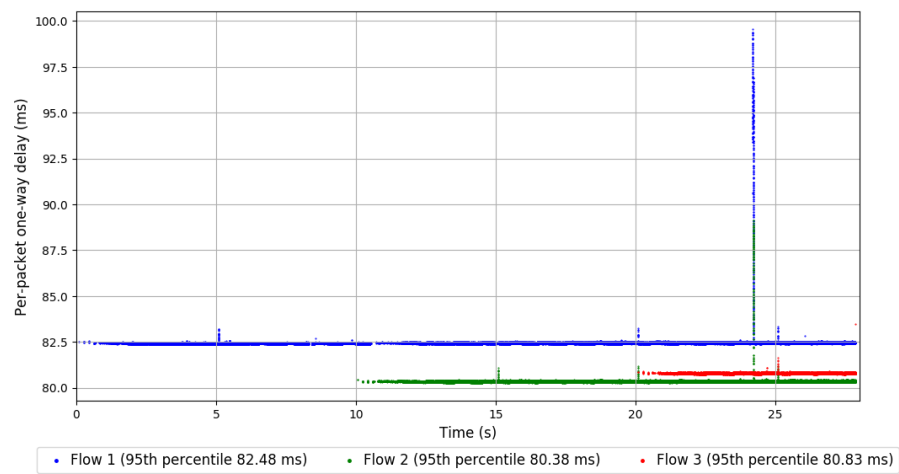
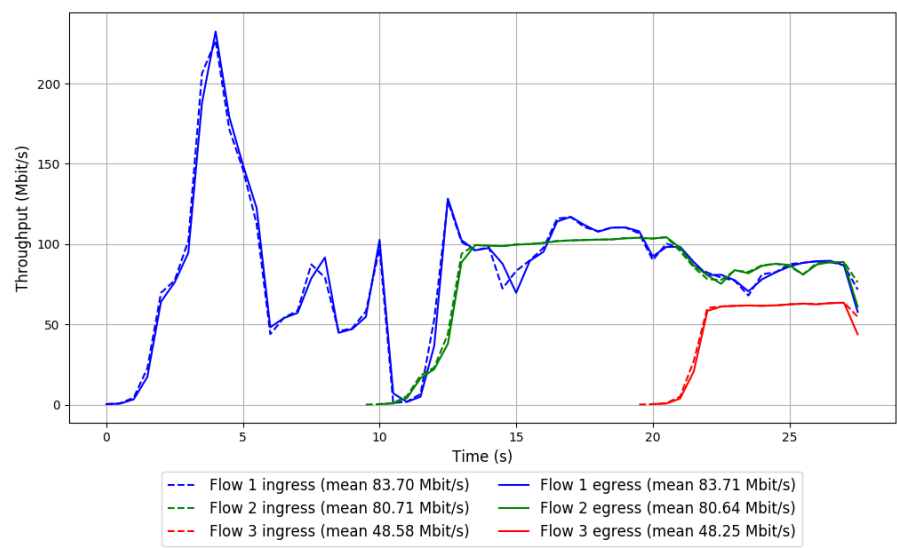


Run 10: Statistics of Copa

Start at: 2017-11-30 20:49:16
End at: 2017-11-30 20:49:46
Local clock offset: 0.644 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2017-12-01 01:11:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.87 Mbit/s
95th percentile per-packet one-way delay: 82.474 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 82.482 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 80.64 Mbit/s
95th percentile per-packet one-way delay: 80.383 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 80.827 ms
Loss rate: 2.75%

Run 10: Report of Copa — Data Link

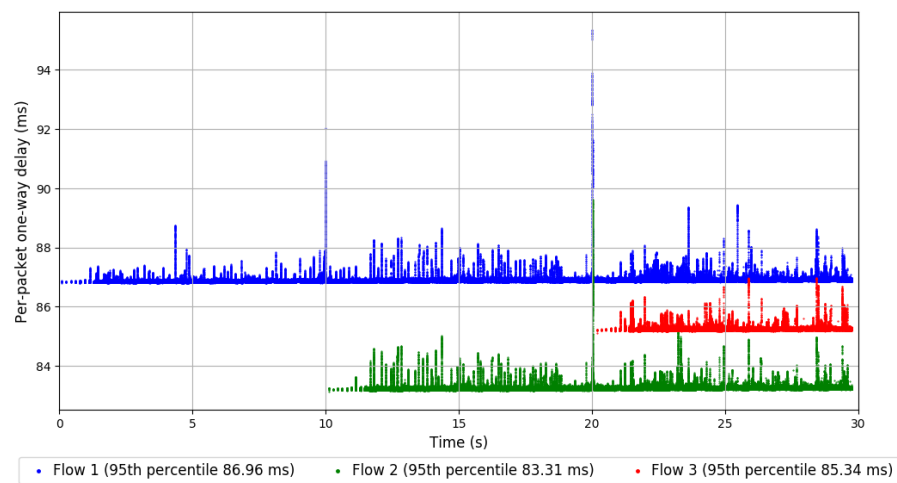
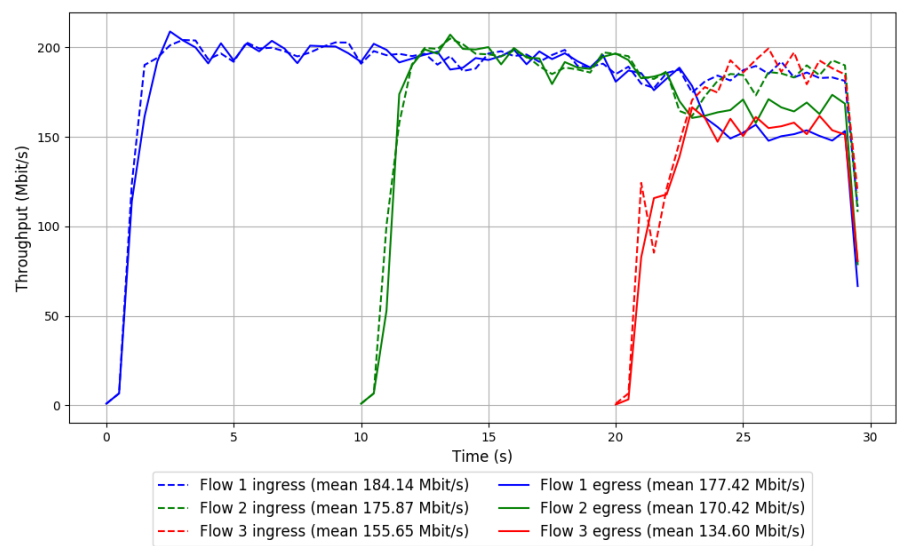


Run 1: Statistics of Indigo

Start at: 2017-11-30 18:07:46
End at: 2017-11-30 18:08:16
Local clock offset: 0.45 ms
Remote clock offset: -12.307 ms

Below is generated by plot.py at 2017-12-01 01:12:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 333.58 Mbit/s
95th percentile per-packet one-way delay: 86.935 ms
Loss rate: 5.66%
-- Flow 1:
Average throughput: 177.42 Mbit/s
95th percentile per-packet one-way delay: 86.961 ms
Loss rate: 4.19%
-- Flow 2:
Average throughput: 170.42 Mbit/s
95th percentile per-packet one-way delay: 83.312 ms
Loss rate: 3.91%
-- Flow 3:
Average throughput: 134.60 Mbit/s
95th percentile per-packet one-way delay: 85.338 ms
Loss rate: 15.02%

Run 1: Report of Indigo — Data Link

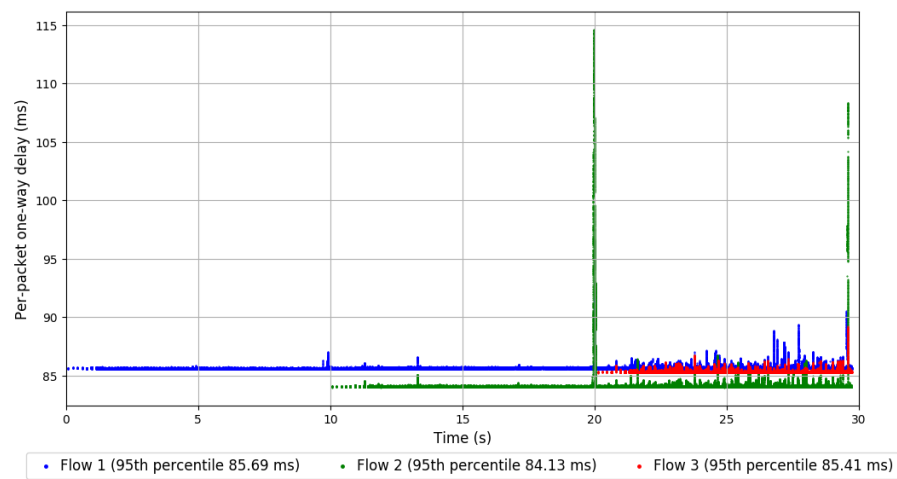
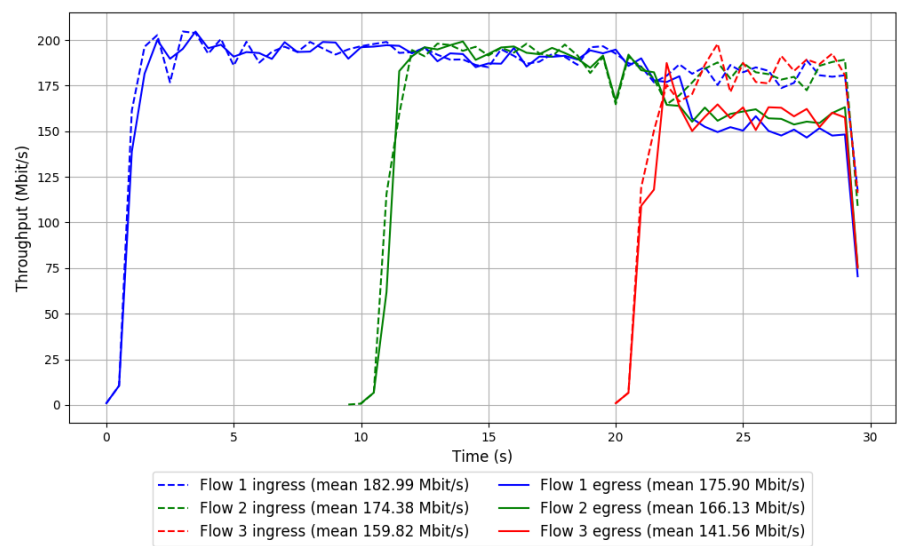


Run 2: Statistics of Indigo

Start at: 2017-11-30 18:27:38
End at: 2017-11-30 18:28:08
Local clock offset: 0.611 ms
Remote clock offset: -11.269 ms

Below is generated by plot.py at 2017-12-01 01:13:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 331.88 Mbit/s
95th percentile per-packet one-way delay: 85.675 ms
Loss rate: 6.06%
-- Flow 1:
Average throughput: 175.90 Mbit/s
95th percentile per-packet one-way delay: 85.690 ms
Loss rate: 4.42%
-- Flow 2:
Average throughput: 166.13 Mbit/s
95th percentile per-packet one-way delay: 84.133 ms
Loss rate: 5.55%
-- Flow 3:
Average throughput: 141.56 Mbit/s
95th percentile per-packet one-way delay: 85.411 ms
Loss rate: 12.96%

Run 2: Report of Indigo — Data Link

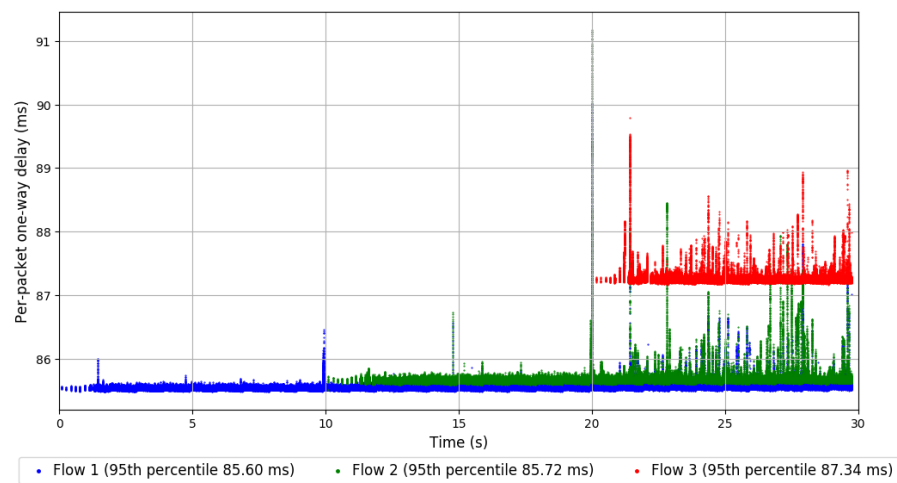
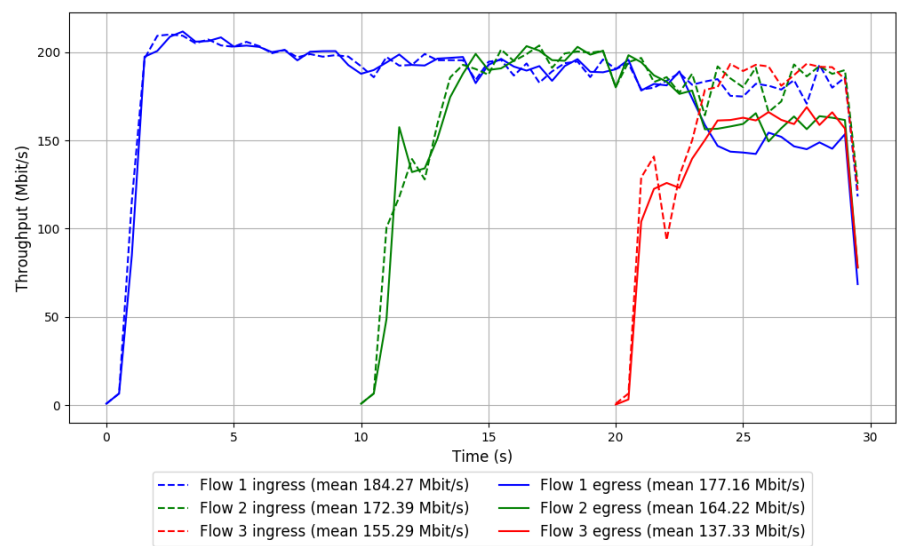


Run 3: Statistics of Indigo

Start at: 2017-11-30 18:47:27
End at: 2017-11-30 18:47:57
Local clock offset: 0.688 ms
Remote clock offset: -10.428 ms

Below is generated by plot.py at 2017-12-01 01:14:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.24 Mbit/s
95th percentile per-packet one-way delay: 87.262 ms
Loss rate: 6.04%
-- Flow 1:
Average throughput: 177.16 Mbit/s
95th percentile per-packet one-way delay: 85.604 ms
Loss rate: 4.40%
-- Flow 2:
Average throughput: 164.22 Mbit/s
95th percentile per-packet one-way delay: 85.721 ms
Loss rate: 5.54%
-- Flow 3:
Average throughput: 137.33 Mbit/s
95th percentile per-packet one-way delay: 87.337 ms
Loss rate: 13.11%

Run 3: Report of Indigo — Data Link

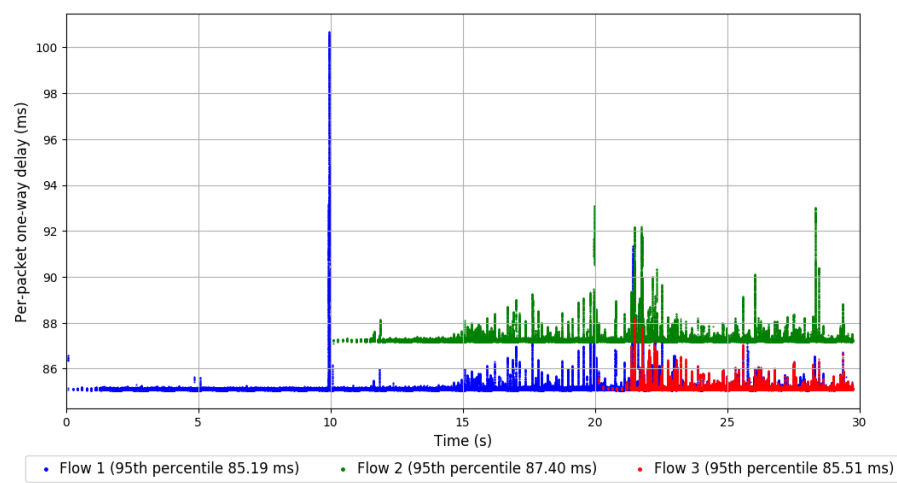
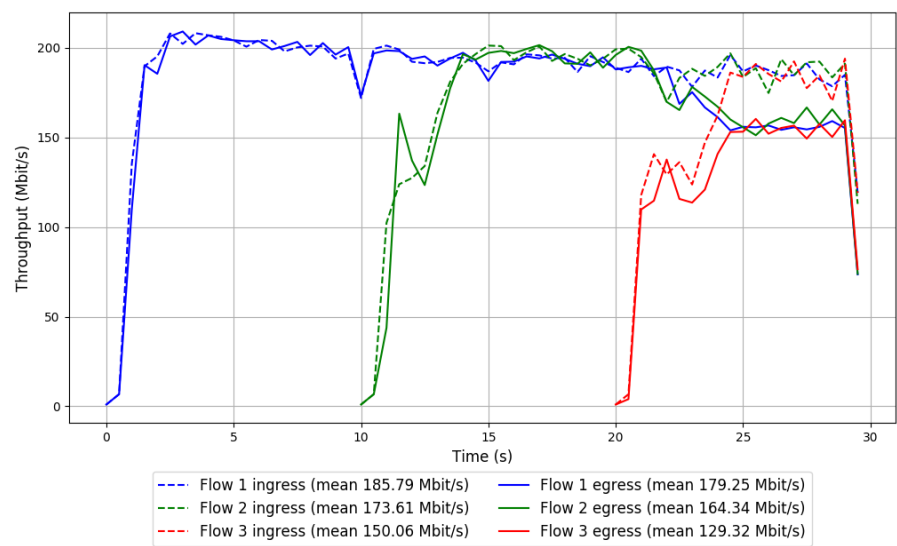


Run 4: Statistics of Indigo

Start at: 2017-11-30 19:07:11
End at: 2017-11-30 19:07:41
Local clock offset: 0.784 ms
Remote clock offset: -9.887 ms

Below is generated by plot.py at 2017-12-01 01:15:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.92 Mbit/s
95th percentile per-packet one-way delay: 87.272 ms
Loss rate: 6.33%
-- Flow 1:
Average throughput: 179.25 Mbit/s
95th percentile per-packet one-way delay: 85.189 ms
Loss rate: 4.07%
-- Flow 2:
Average throughput: 164.34 Mbit/s
95th percentile per-packet one-way delay: 87.397 ms
Loss rate: 6.15%
-- Flow 3:
Average throughput: 129.32 Mbit/s
95th percentile per-packet one-way delay: 85.509 ms
Loss rate: 15.30%

Run 4: Report of Indigo — Data Link

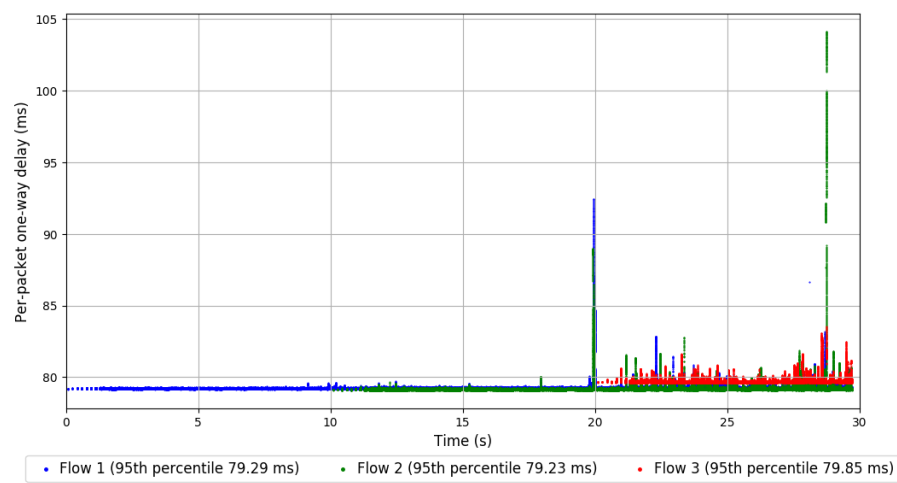
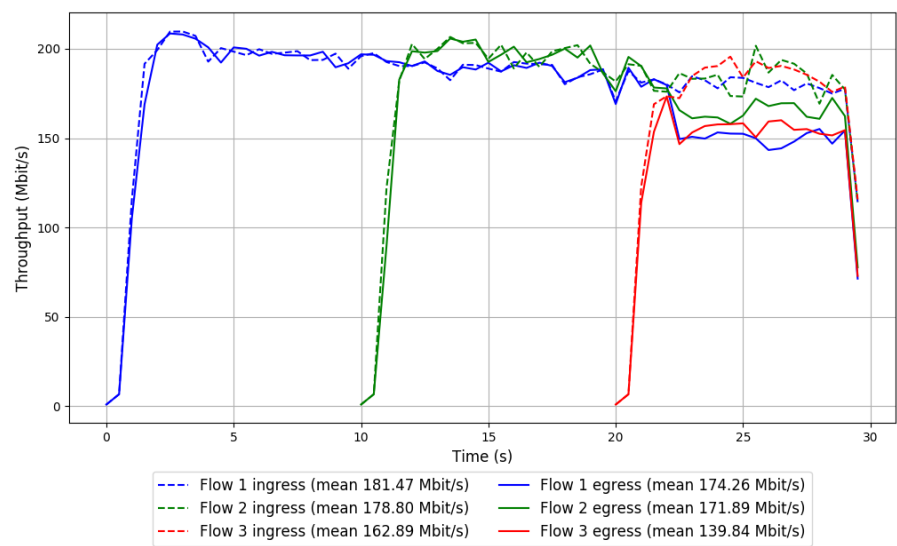


Run 5: Statistics of Indigo

Start at: 2017-11-30 19:27:24
End at: 2017-11-30 19:27:54
Local clock offset: 0.743 ms
Remote clock offset: -3.083 ms

Below is generated by plot.py at 2017-12-01 01:15:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 333.42 Mbit/s
95th percentile per-packet one-way delay: 79.704 ms
Loss rate: 6.25%
-- Flow 1:
Average throughput: 174.26 Mbit/s
95th percentile per-packet one-way delay: 79.289 ms
Loss rate: 4.52%
-- Flow 2:
Average throughput: 171.89 Mbit/s
95th percentile per-packet one-way delay: 79.234 ms
Loss rate: 4.68%
-- Flow 3:
Average throughput: 139.84 Mbit/s
95th percentile per-packet one-way delay: 79.851 ms
Loss rate: 15.63%

Run 5: Report of Indigo — Data Link

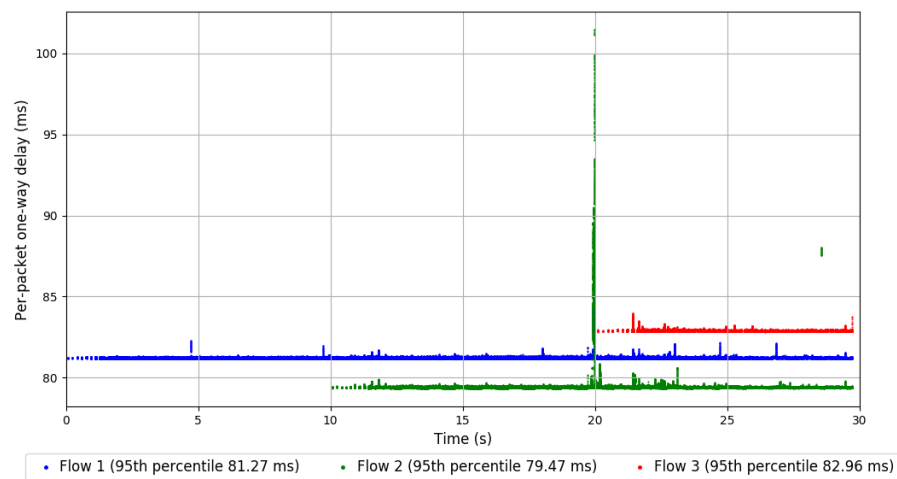
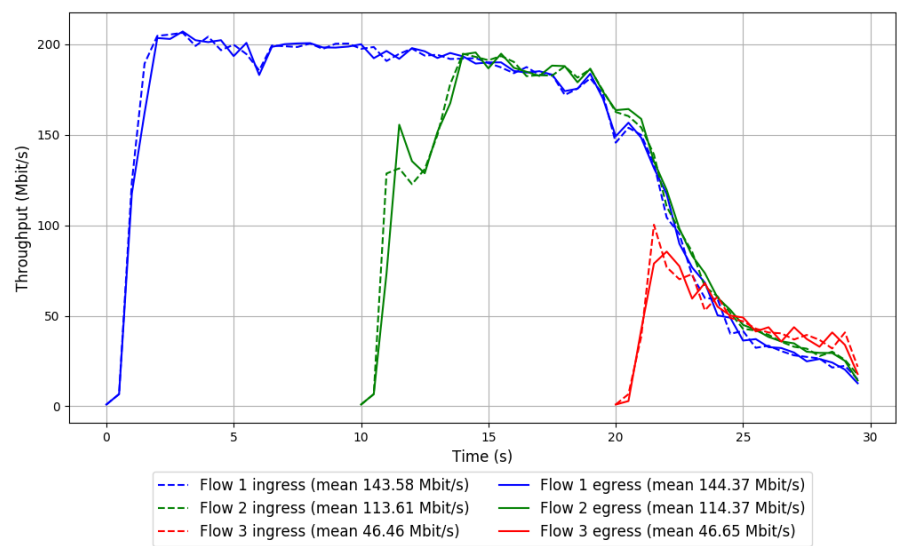


Run 6: Statistics of Indigo

Start at: 2017-11-30 19:47:13
End at: 2017-11-30 19:47:43
Local clock offset: 0.805 ms
Remote clock offset: -4.159 ms

Below is generated by plot.py at 2017-12-01 01:15:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 235.21 Mbit/s
95th percentile per-packet one-way delay: 82.888 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 144.37 Mbit/s
95th percentile per-packet one-way delay: 81.268 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 114.37 Mbit/s
95th percentile per-packet one-way delay: 79.472 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 82.958 ms
Loss rate: 1.20%

Run 6: Report of Indigo — Data Link

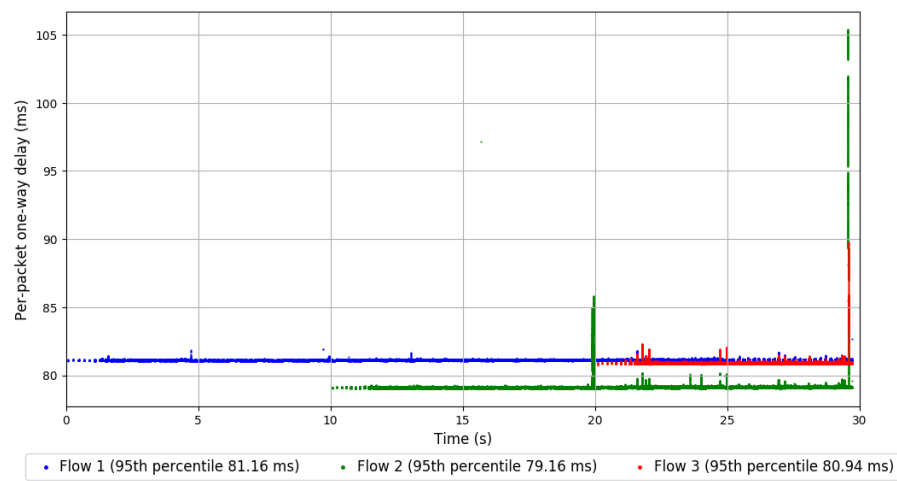
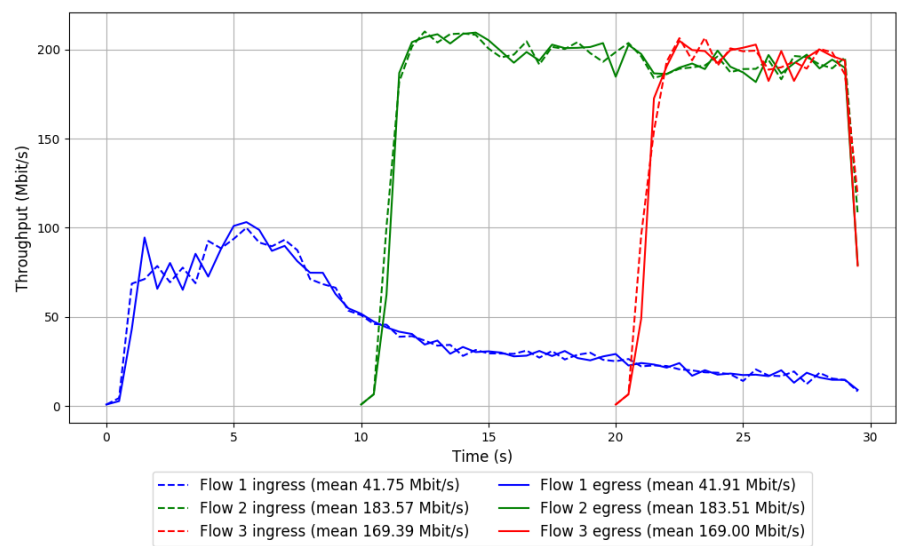


Run 7: Statistics of Indigo

Start at: 2017-11-30 20:06:41
End at: 2017-11-30 20:07:11
Local clock offset: 0.82 ms
Remote clock offset: -3.408 ms

Below is generated by plot.py at 2017-12-01 01:15:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 218.26 Mbit/s
95th percentile per-packet one-way delay: 81.128 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 41.91 Mbit/s
95th percentile per-packet one-way delay: 81.161 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 183.51 Mbit/s
95th percentile per-packet one-way delay: 79.156 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 169.00 Mbit/s
95th percentile per-packet one-way delay: 80.943 ms
Loss rate: 1.95%

Run 7: Report of Indigo — Data Link

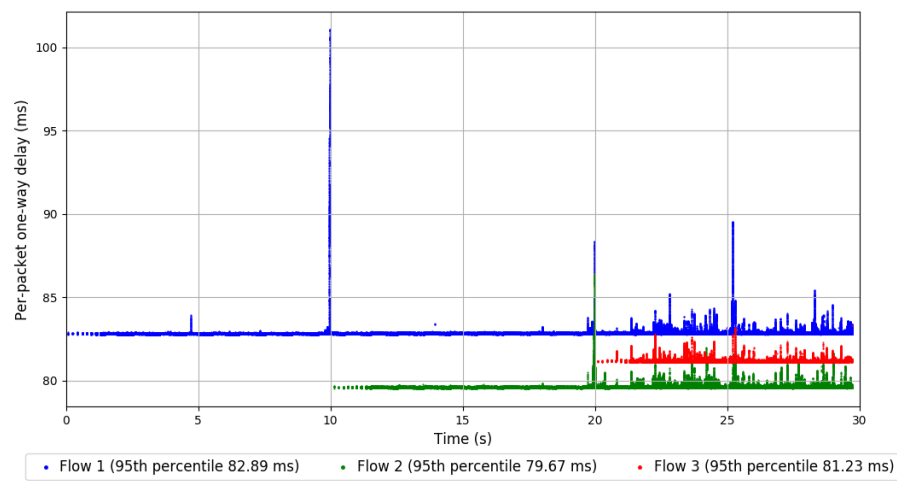
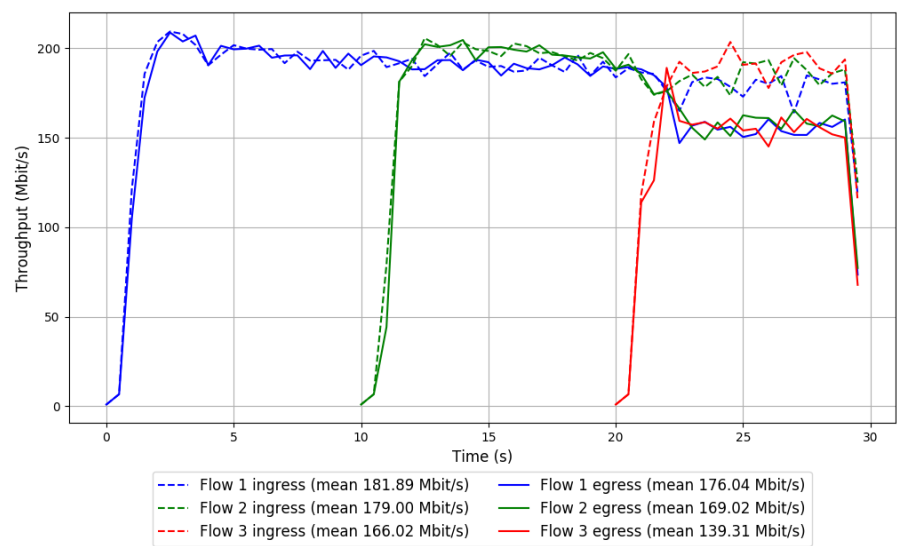


Run 8: Statistics of Indigo

Start at: 2017-11-30 20:26:02
End at: 2017-11-30 20:26:32
Local clock offset: 0.707 ms
Remote clock offset: -2.332 ms

Below is generated by plot.py at 2017-12-01 01:16:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 332.94 Mbit/s
95th percentile per-packet one-way delay: 82.868 ms
Loss rate: 6.75%
-- Flow 1:
Average throughput: 176.04 Mbit/s
95th percentile per-packet one-way delay: 82.885 ms
Loss rate: 3.77%
-- Flow 2:
Average throughput: 169.02 Mbit/s
95th percentile per-packet one-way delay: 79.672 ms
Loss rate: 6.38%
-- Flow 3:
Average throughput: 139.31 Mbit/s
95th percentile per-packet one-way delay: 81.234 ms
Loss rate: 17.51%

Run 8: Report of Indigo — Data Link

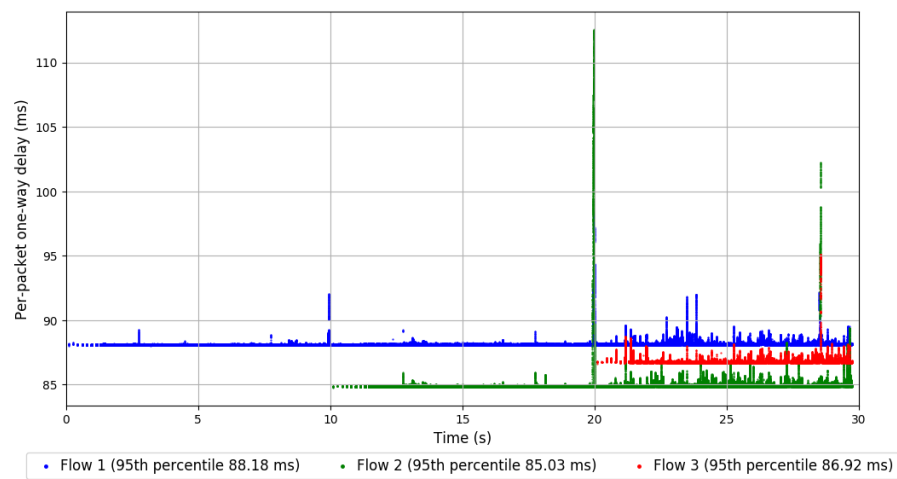
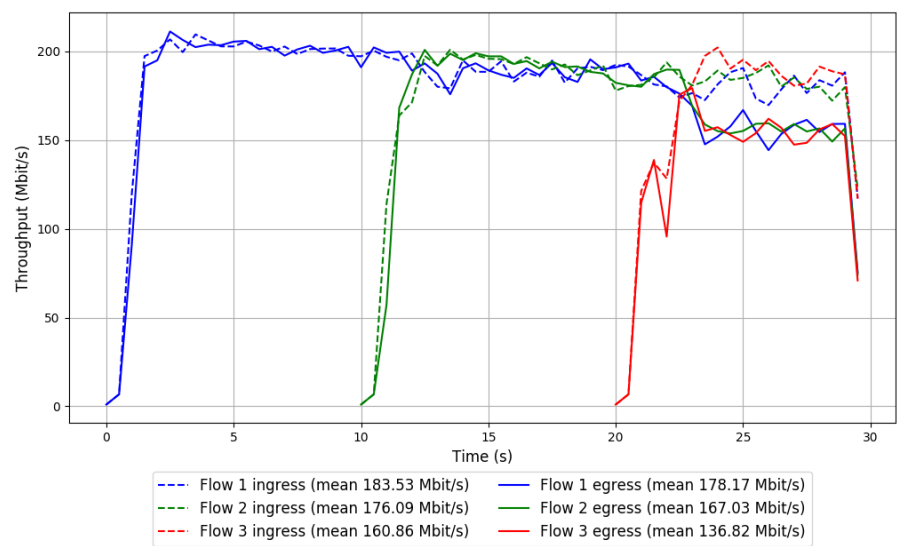


Run 9: Statistics of Indigo

Start at: 2017-11-30 20:46:04
End at: 2017-11-30 20:46:34
Local clock offset: 0.699 ms
Remote clock offset: -6.832 ms

Below is generated by plot.py at 2017-12-01 01:17:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 333.16 Mbit/s
95th percentile per-packet one-way delay: 88.169 ms
Loss rate: 6.22%
-- Flow 1:
Average throughput: 178.17 Mbit/s
95th percentile per-packet one-way delay: 88.182 ms
Loss rate: 3.47%
-- Flow 2:
Average throughput: 167.03 Mbit/s
95th percentile per-packet one-way delay: 85.025 ms
Loss rate: 5.94%
-- Flow 3:
Average throughput: 136.82 Mbit/s
95th percentile per-packet one-way delay: 86.918 ms
Loss rate: 16.41%

Run 9: Report of Indigo — Data Link

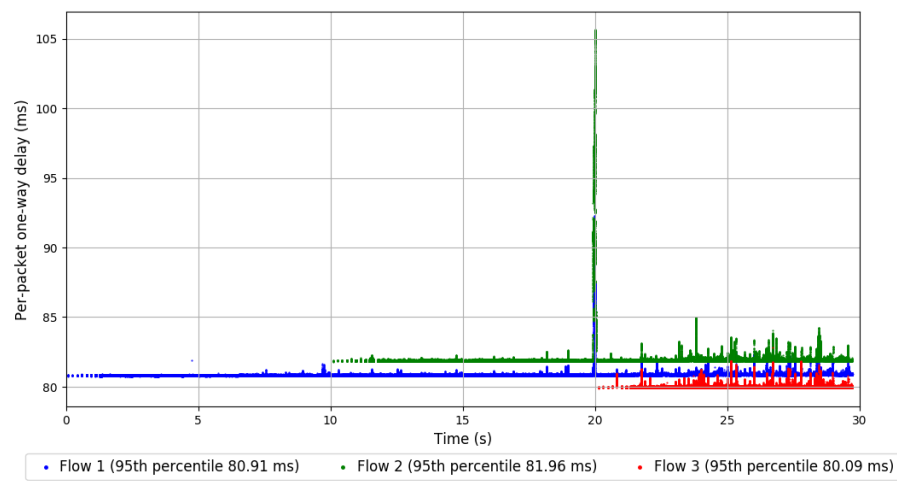
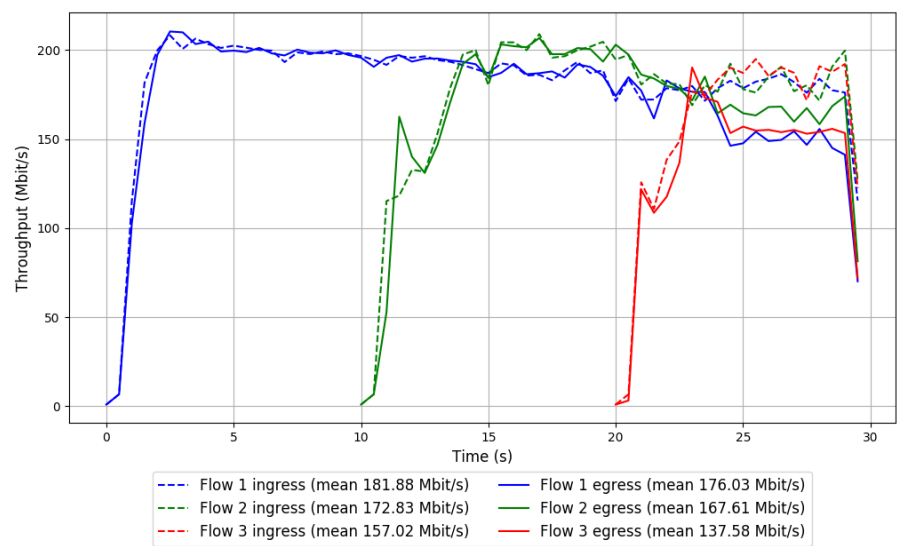


```
Run 10: Statistics of Indigo

Start at: 2017-11-30 21:06:02
End at: 2017-11-30 21:06:32
Local clock offset: 0.515 ms
Remote clock offset: 0.441 ms

# Below is generated by plot.py at 2017-12-01 01:17:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 331.57 Mbit/s
95th percentile per-packet one-way delay: 81.923 ms
Loss rate: 5.28%
-- Flow 1:
Average throughput: 176.03 Mbit/s
95th percentile per-packet one-way delay: 80.906 ms
Loss rate: 3.76%
-- Flow 2:
Average throughput: 167.61 Mbit/s
95th percentile per-packet one-way delay: 81.956 ms
Loss rate: 3.85%
-- Flow 3:
Average throughput: 137.58 Mbit/s
95th percentile per-packet one-way delay: 80.093 ms
Loss rate: 13.88%
```

Run 10: Report of Indigo — Data Link

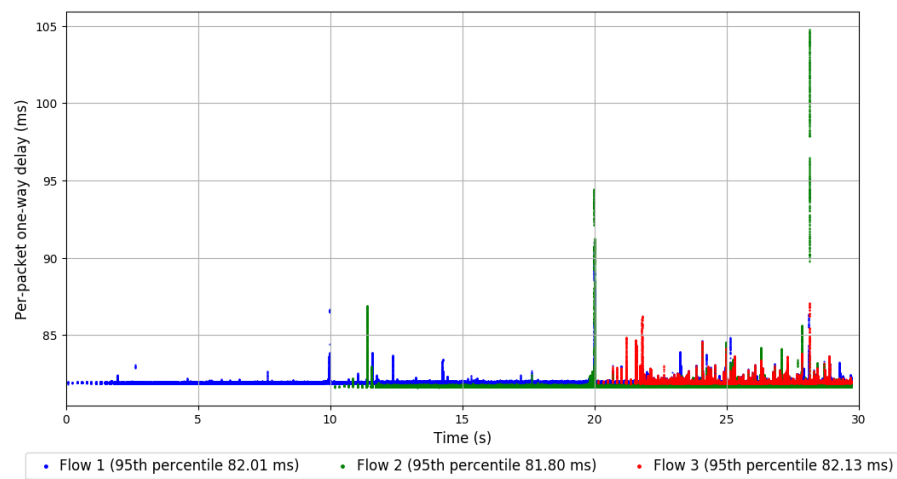
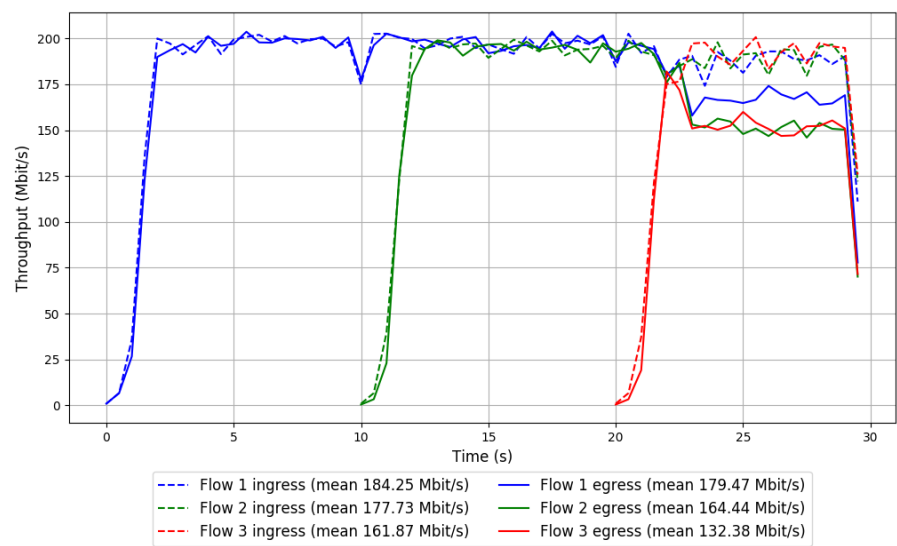


Run 1: Statistics of Indigo-calib

Start at: 2017-11-30 18:00:59
End at: 2017-11-30 18:01:29
Local clock offset: 0.389 ms
Remote clock offset: -7.883 ms

Below is generated by plot.py at 2017-12-01 01:19:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.75 Mbit/s
95th percentile per-packet one-way delay: 82.011 ms
Loss rate: 7.31%
-- Flow 1:
Average throughput: 179.47 Mbit/s
95th percentile per-packet one-way delay: 82.013 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 164.44 Mbit/s
95th percentile per-packet one-way delay: 81.800 ms
Loss rate: 8.28%
-- Flow 3:
Average throughput: 132.38 Mbit/s
95th percentile per-packet one-way delay: 82.133 ms
Loss rate: 19.65%

Run 1: Report of Indigo-calib — Data Link

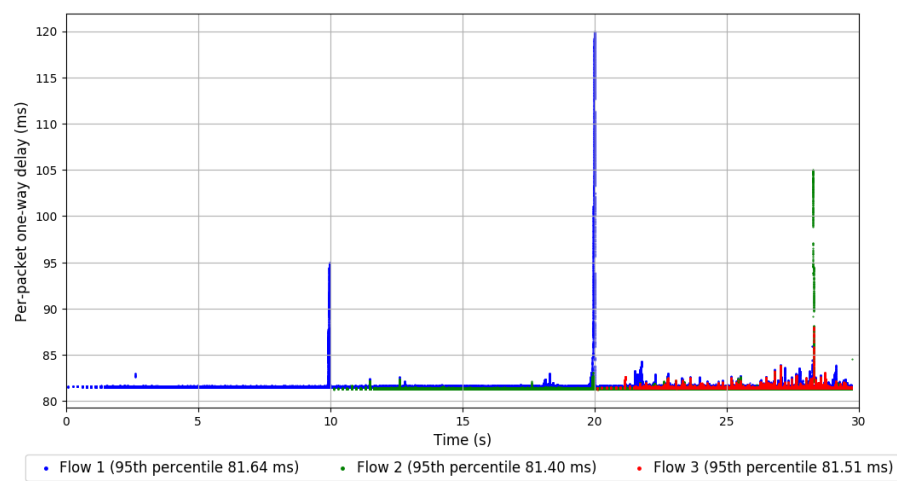
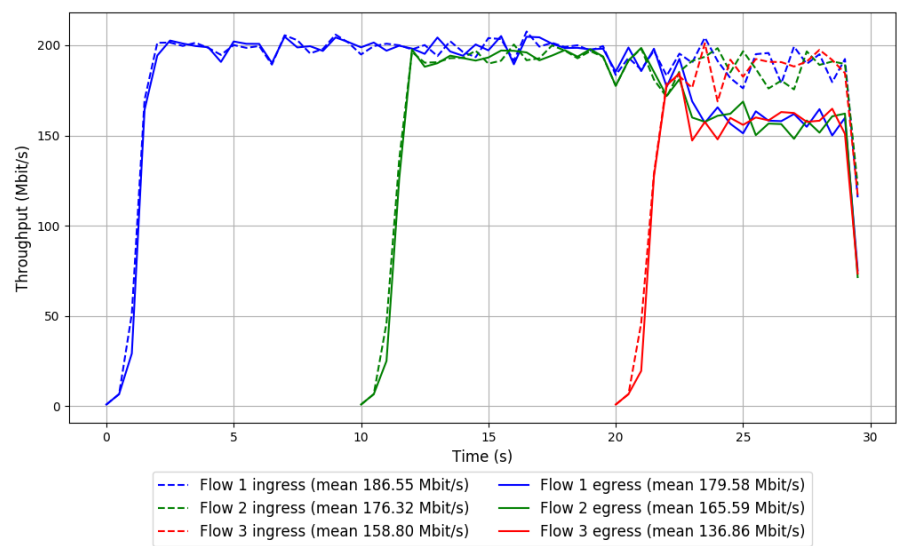


Run 2: Statistics of Indigo-calib

Start at: 2017-11-30 18:20:50
End at: 2017-11-30 18:21:20
Local clock offset: 0.474 ms
Remote clock offset: -7.607 ms

Below is generated by plot.py at 2017-12-01 01:19:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 333.47 Mbit/s
95th percentile per-packet one-way delay: 81.626 ms
Loss rate: 6.75%
-- Flow 1:
Average throughput: 179.58 Mbit/s
95th percentile per-packet one-way delay: 81.642 ms
Loss rate: 4.28%
-- Flow 2:
Average throughput: 165.59 Mbit/s
95th percentile per-packet one-way delay: 81.402 ms
Loss rate: 6.87%
-- Flow 3:
Average throughput: 136.86 Mbit/s
95th percentile per-packet one-way delay: 81.513 ms
Loss rate: 15.29%

Run 2: Report of Indigo-calib — Data Link

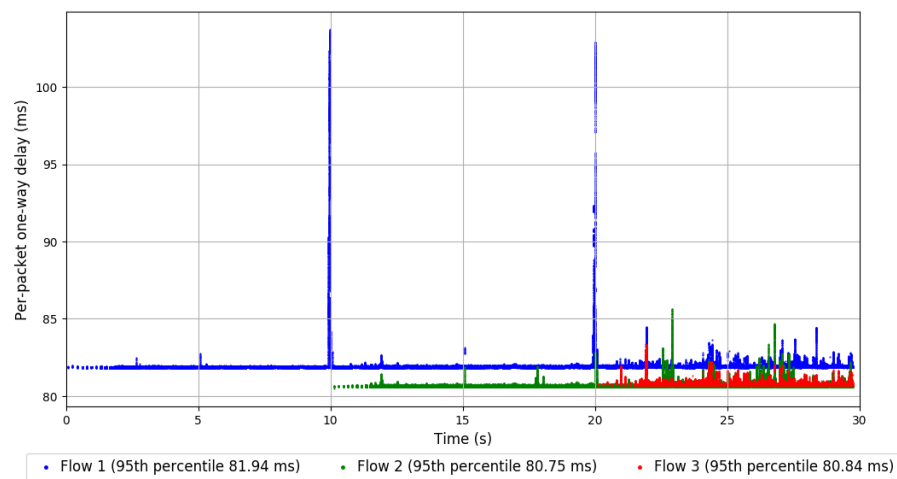
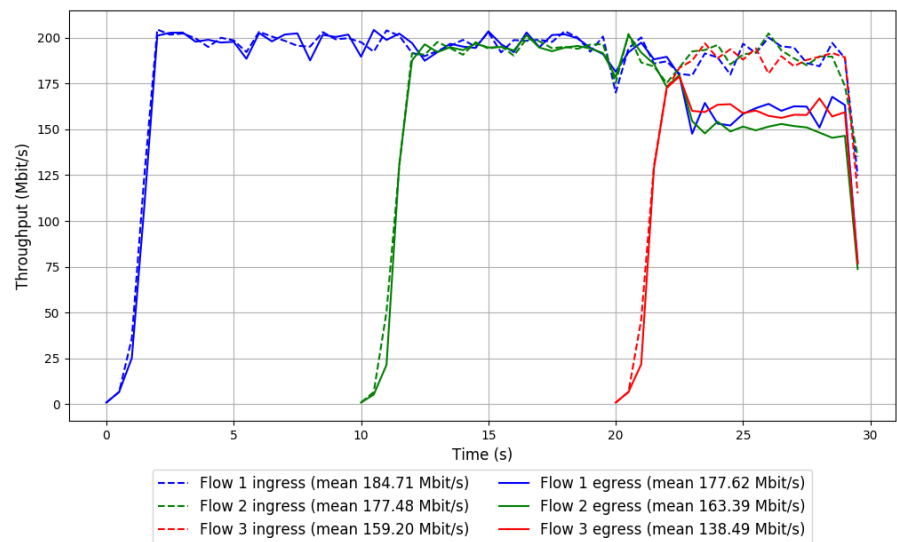


Run 3: Statistics of Indigo-calib

Start at: 2017-11-30 18:40:42
End at: 2017-11-30 18:41:13
Local clock offset: 0.625 ms
Remote clock offset: -5.809 ms

Below is generated by plot.py at 2017-12-01 01:19:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.47 Mbit/s
95th percentile per-packet one-way delay: 81.922 ms
Loss rate: 7.33%
-- Flow 1:
Average throughput: 177.62 Mbit/s
95th percentile per-packet one-way delay: 81.936 ms
Loss rate: 4.40%
-- Flow 2:
Average throughput: 163.39 Mbit/s
95th percentile per-packet one-way delay: 80.750 ms
Loss rate: 8.75%
-- Flow 3:
Average throughput: 138.49 Mbit/s
95th percentile per-packet one-way delay: 80.842 ms
Loss rate: 14.50%

Run 3: Report of Indigo-calib — Data Link

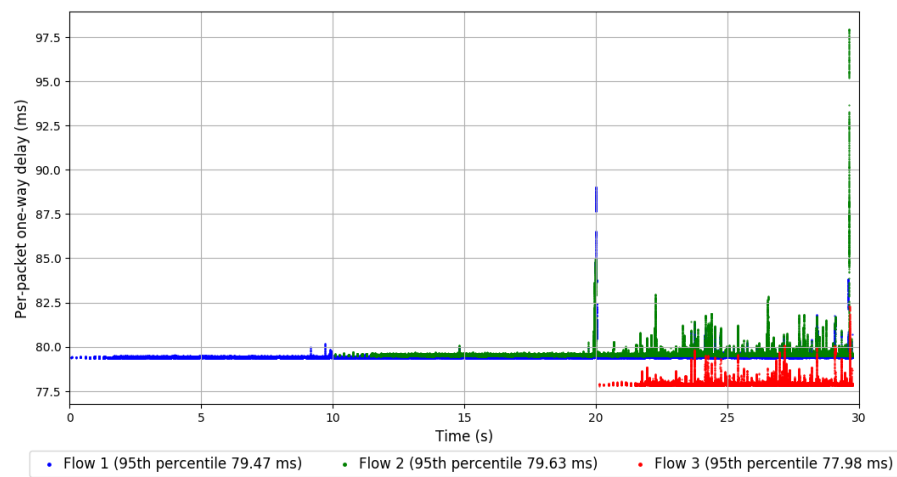
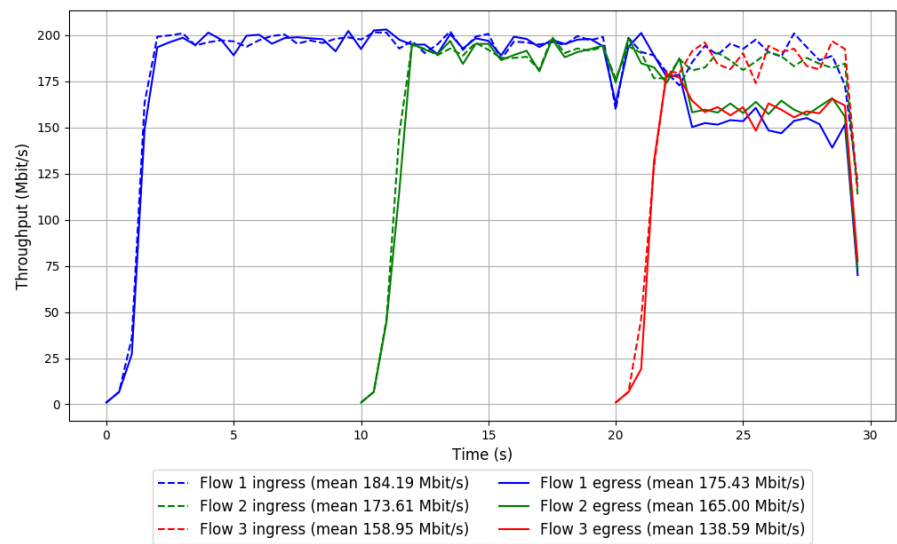


Run 4: Statistics of Indigo-calib

Start at: 2017-11-30 19:00:23
End at: 2017-11-30 19:00:53
Local clock offset: 0.732 ms
Remote clock offset: -4.383 ms

Below is generated by plot.py at 2017-12-01 01:20:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.69 Mbit/s
95th percentile per-packet one-way delay: 79.578 ms
Loss rate: 6.78%
-- Flow 1:
Average throughput: 175.43 Mbit/s
95th percentile per-packet one-way delay: 79.474 ms
Loss rate: 5.29%
-- Flow 2:
Average throughput: 165.00 Mbit/s
95th percentile per-packet one-way delay: 79.629 ms
Loss rate: 5.77%
-- Flow 3:
Average throughput: 138.59 Mbit/s
95th percentile per-packet one-way delay: 77.985 ms
Loss rate: 14.29%

Run 4: Report of Indigo-calib — Data Link

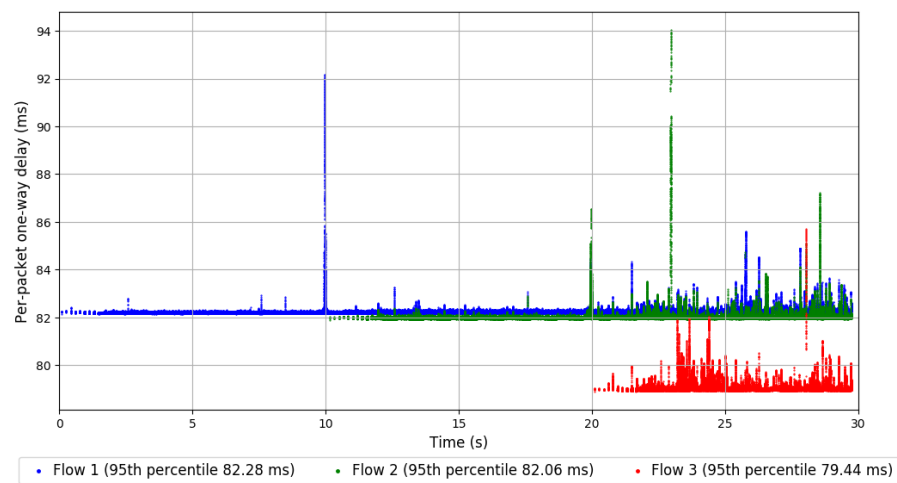
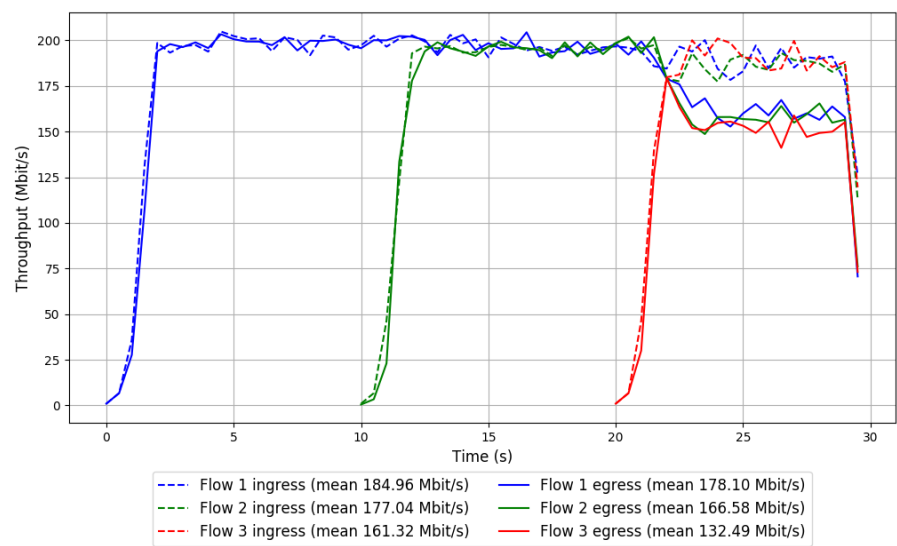


Run 5: Statistics of Indigo-calib

Start at: 2017-11-30 19:20:19
End at: 2017-11-30 19:20:49
Local clock offset: 0.812 ms
Remote clock offset: -4.285 ms

Below is generated by plot.py at 2017-12-01 01:20:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 331.15 Mbit/s
95th percentile per-packet one-way delay: 82.266 ms
Loss rate: 7.31%
-- Flow 1:
Average throughput: 178.10 Mbit/s
95th percentile per-packet one-way delay: 82.279 ms
Loss rate: 4.26%
-- Flow 2:
Average throughput: 166.58 Mbit/s
95th percentile per-packet one-way delay: 82.064 ms
Loss rate: 6.71%
-- Flow 3:
Average throughput: 132.49 Mbit/s
95th percentile per-packet one-way delay: 79.438 ms
Loss rate: 19.27%

Run 5: Report of Indigo-calib — Data Link

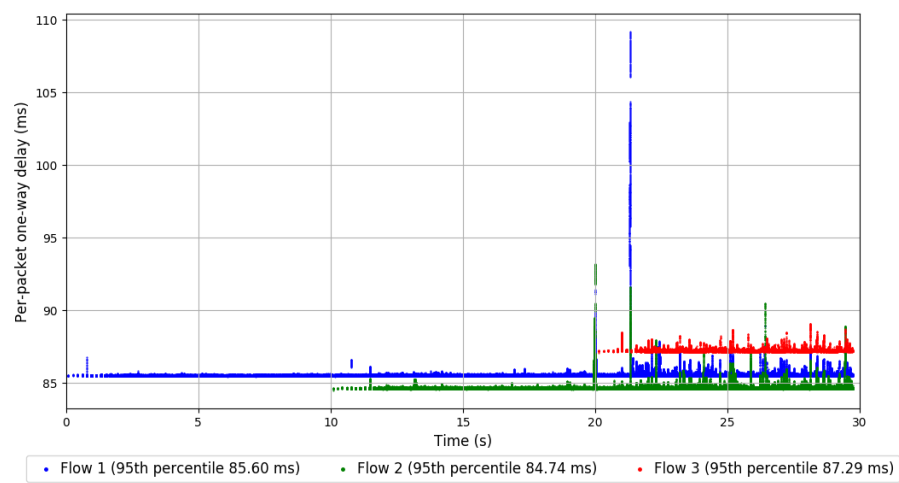
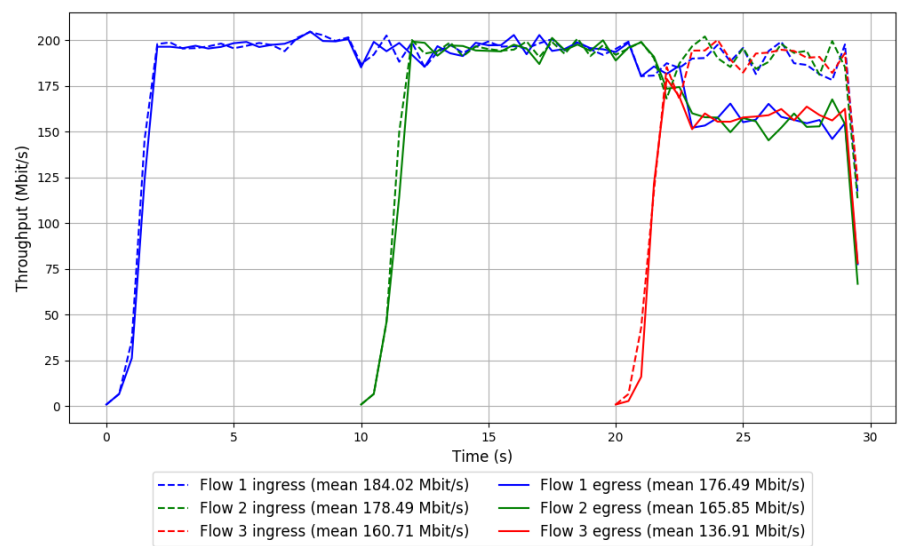


Run 6: Statistics of Indigo-calib

Start at: 2017-11-30 19:40:25
End at: 2017-11-30 19:40:55
Local clock offset: 0.854 ms
Remote clock offset: -8.527 ms

Below is generated by plot.py at 2017-12-01 01:20:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.58 Mbit/s
95th percentile per-packet one-way delay: 87.227 ms
Loss rate: 7.44%
-- Flow 1:
Average throughput: 176.49 Mbit/s
95th percentile per-packet one-way delay: 85.597 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 165.85 Mbit/s
95th percentile per-packet one-way delay: 84.740 ms
Loss rate: 7.87%
-- Flow 3:
Average throughput: 136.91 Mbit/s
95th percentile per-packet one-way delay: 87.289 ms
Loss rate: 16.29%

Run 6: Report of Indigo-calib — Data Link

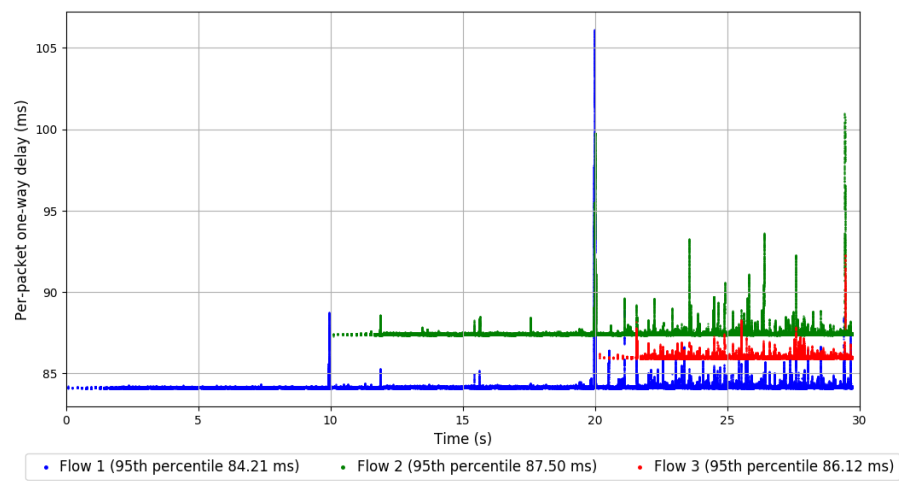
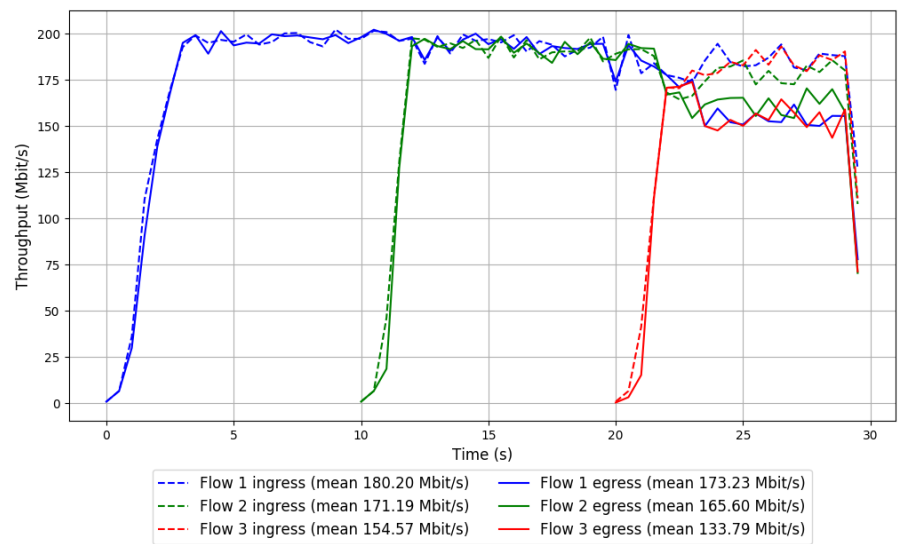


Run 7: Statistics of Indigo-calib

Start at: 2017-11-30 19:59:56
End at: 2017-11-30 20:00:26
Local clock offset: 0.881 ms
Remote clock offset: -8.617 ms

Below is generated by plot.py at 2017-12-01 01:21:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.02 Mbit/s
95th percentile per-packet one-way delay: 87.447 ms
Loss rate: 5.85%
-- Flow 1:
Average throughput: 173.23 Mbit/s
95th percentile per-packet one-way delay: 84.212 ms
Loss rate: 4.40%
-- Flow 2:
Average throughput: 165.60 Mbit/s
95th percentile per-packet one-way delay: 87.503 ms
Loss rate: 4.10%
-- Flow 3:
Average throughput: 133.79 Mbit/s
95th percentile per-packet one-way delay: 86.120 ms
Loss rate: 14.99%

Run 7: Report of Indigo-calib — Data Link

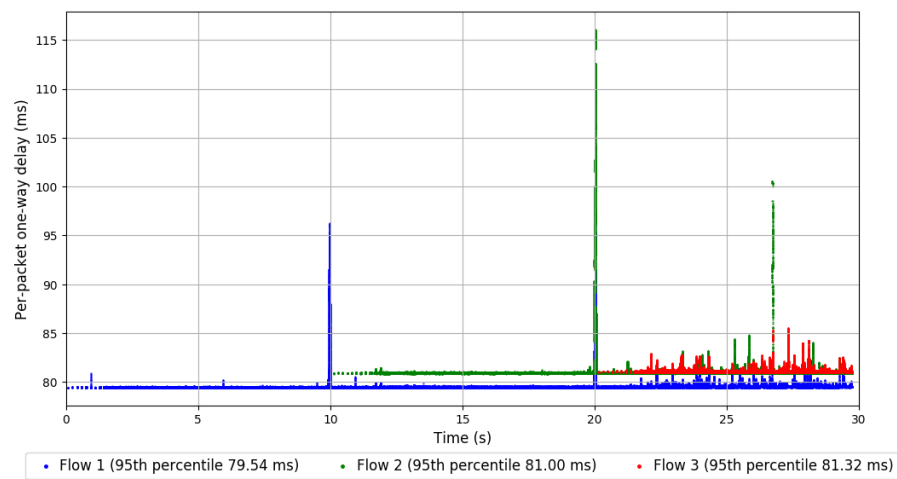
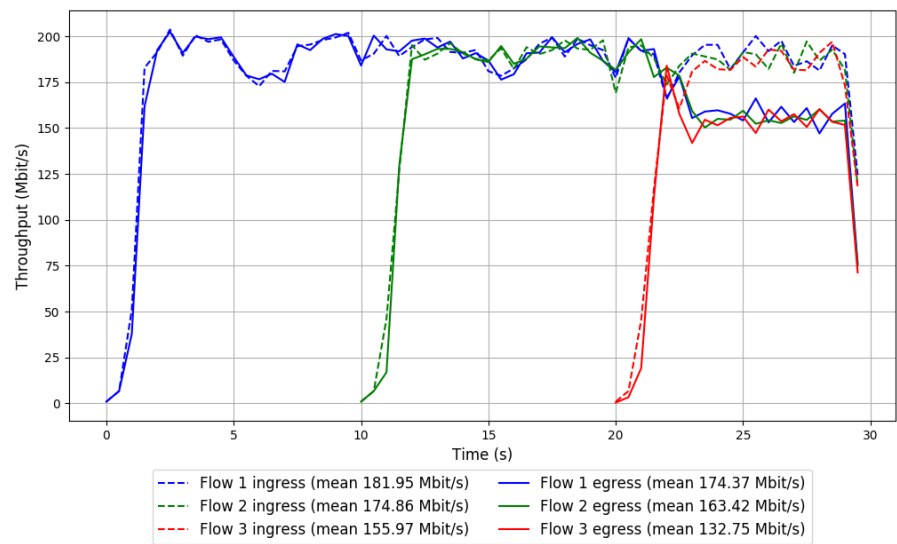


Run 8: Statistics of Indigo-calib

Start at: 2017-11-30 20:19:17
End at: 2017-11-30 20:19:47
Local clock offset: 0.691 ms
Remote clock offset: -2.635 ms

Below is generated by plot.py at 2017-12-01 01:21:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 325.31 Mbit/s
95th percentile per-packet one-way delay: 81.089 ms
Loss rate: 7.28%
-- Flow 1:
Average throughput: 174.37 Mbit/s
95th percentile per-packet one-way delay: 79.543 ms
Loss rate: 4.70%
-- Flow 2:
Average throughput: 163.42 Mbit/s
95th percentile per-packet one-way delay: 81.004 ms
Loss rate: 7.33%
-- Flow 3:
Average throughput: 132.75 Mbit/s
95th percentile per-packet one-way delay: 81.321 ms
Loss rate: 16.36%

Run 8: Report of Indigo-calib — Data Link

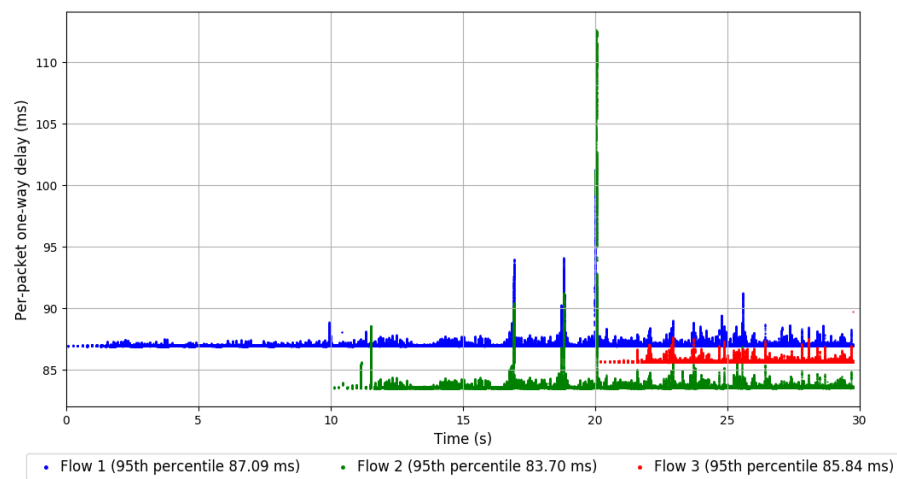
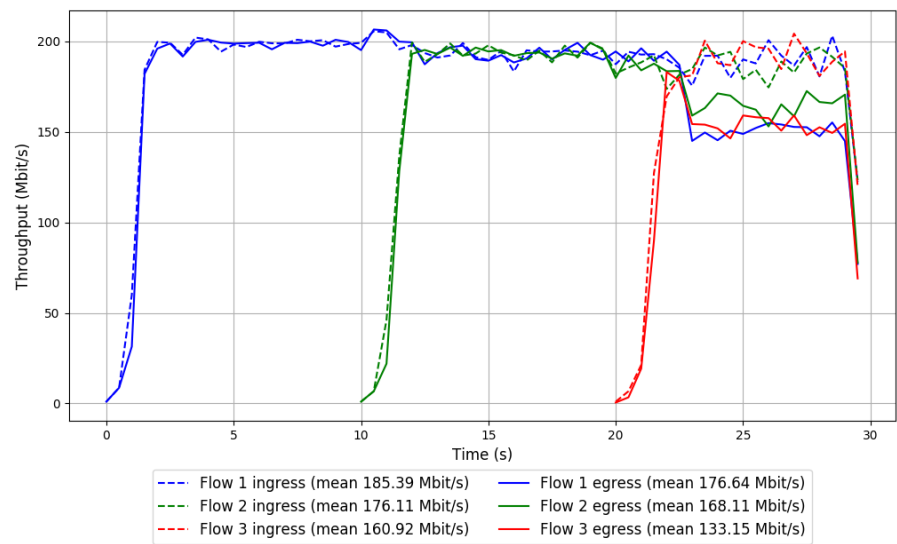


Run 9: Statistics of Indigo-calib

Start at: 2017-11-30 20:39:01
End at: 2017-11-30 20:39:31
Local clock offset: 0.624 ms
Remote clock offset: -6.143 ms

Below is generated by plot.py at 2017-12-01 01:21:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.61 Mbit/s
95th percentile per-packet one-way delay: 87.051 ms
Loss rate: 7.27%
-- Flow 1:
Average throughput: 176.64 Mbit/s
95th percentile per-packet one-way delay: 87.089 ms
Loss rate: 5.26%
-- Flow 2:
Average throughput: 168.11 Mbit/s
95th percentile per-packet one-way delay: 83.703 ms
Loss rate: 5.35%
-- Flow 3:
Average throughput: 133.15 Mbit/s
95th percentile per-packet one-way delay: 85.843 ms
Loss rate: 18.66%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-30 20:59:15
End at: 2017-11-30 20:59:45
Local clock offset: 0.552 ms
Remote clock offset: -4.552 ms

Below is generated by plot.py at 2017-12-01 01:21:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 329.80 Mbit/s
95th percentile per-packet one-way delay: 85.483 ms
Loss rate: 6.27%
-- Flow 1:
Average throughput: 175.52 Mbit/s
95th percentile per-packet one-way delay: 85.295 ms
Loss rate: 4.54%
-- Flow 2:
Average throughput: 162.87 Mbit/s
95th percentile per-packet one-way delay: 85.410 ms
Loss rate: 7.25%
-- Flow 3:
Average throughput: 144.87 Mbit/s
95th percentile per-packet one-way delay: 85.521 ms
Loss rate: 10.20%

Run 10: Report of Indigo-calib — Data Link

