

Pantheon Summary (Generated at Sat, 01 Jul 2017 16:15:32 +0000 with pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

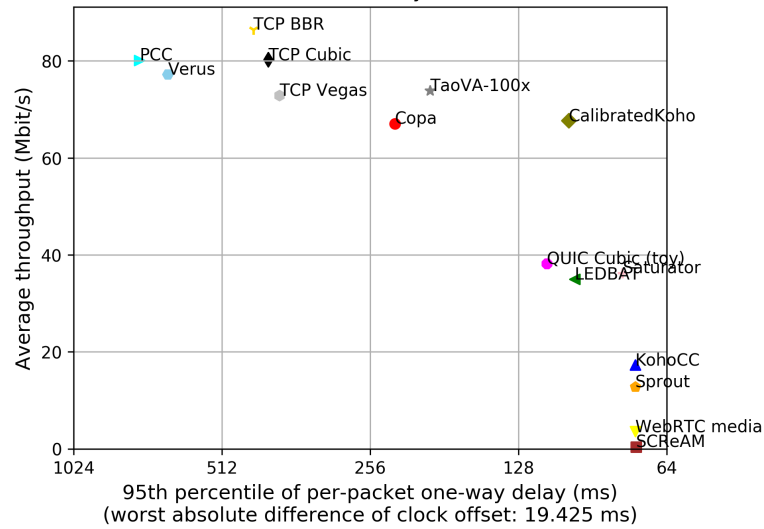
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** AWS Brazil 2 Ethernet **to** Colombia Ethernet.

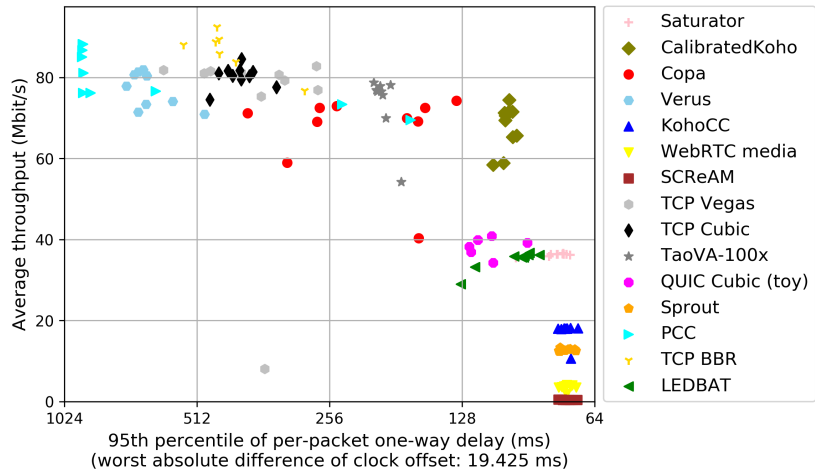
NTP offset measured against gps.ntp.br.

```
git branch: master @ 55ce618ef3153403f57ca06ffe894ed6887bd36f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
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 @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

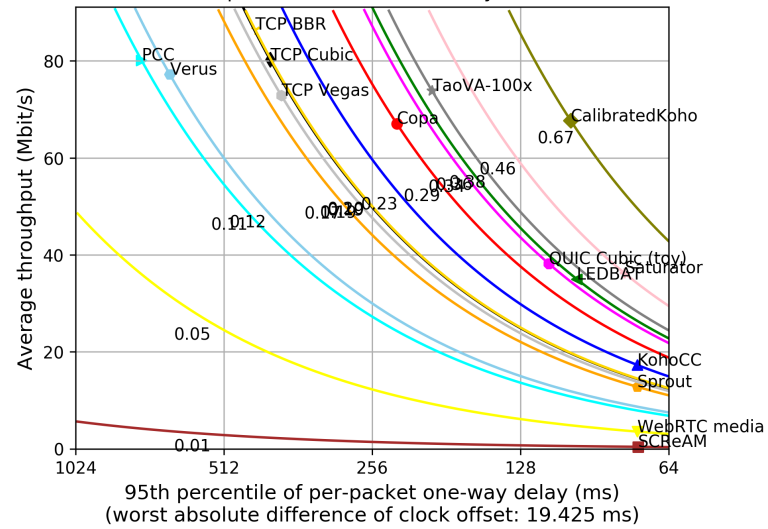
test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
 mean power scores of all runs by scheme



Run 1: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 09:19:30 +0000

End at: Sat, 01 Jul 2017 09:20:00 +0000

Local clock offset: 0.124 ms

Remote clock offset: -15.629 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:03:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 456.241 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 60.11 Mbit/s

95th percentile per-packet one-way delay: 334.029 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.86 Mbit/s

95th percentile per-packet one-way delay: 455.554 ms

Loss rate: 0.00%

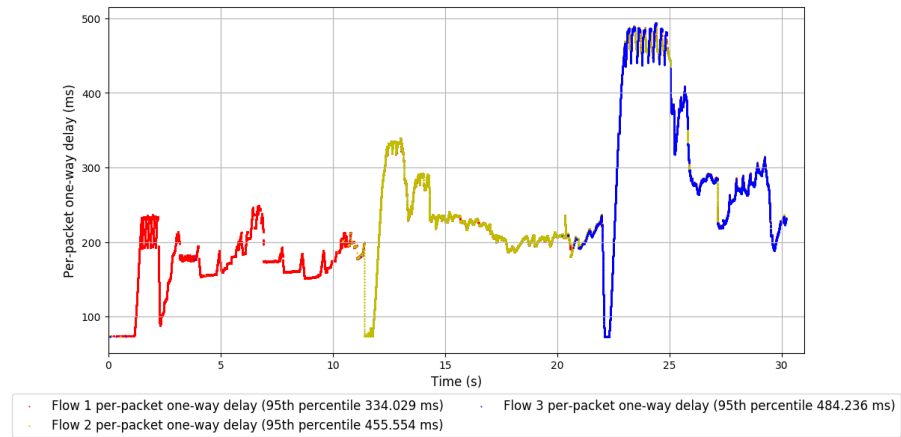
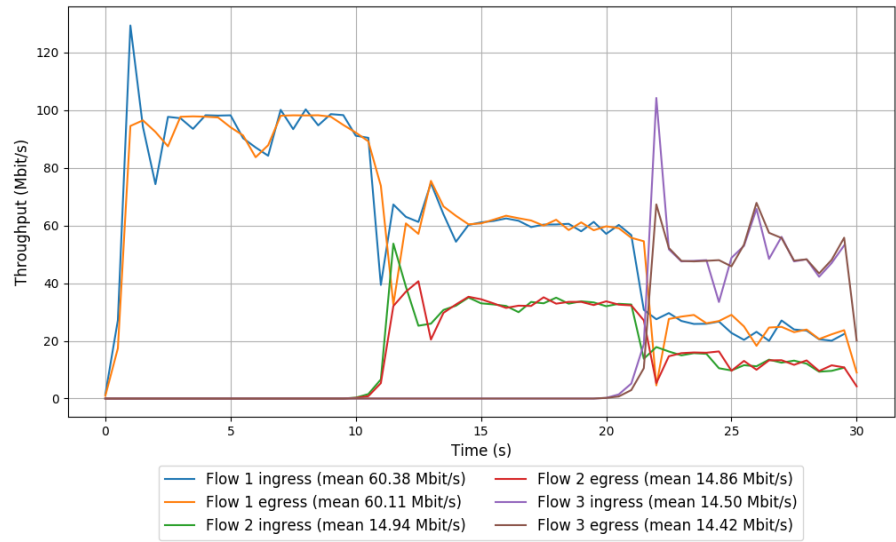
-- Flow 3:

Average throughput: 14.42 Mbit/s

95th percentile per-packet one-way delay: 484.236 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

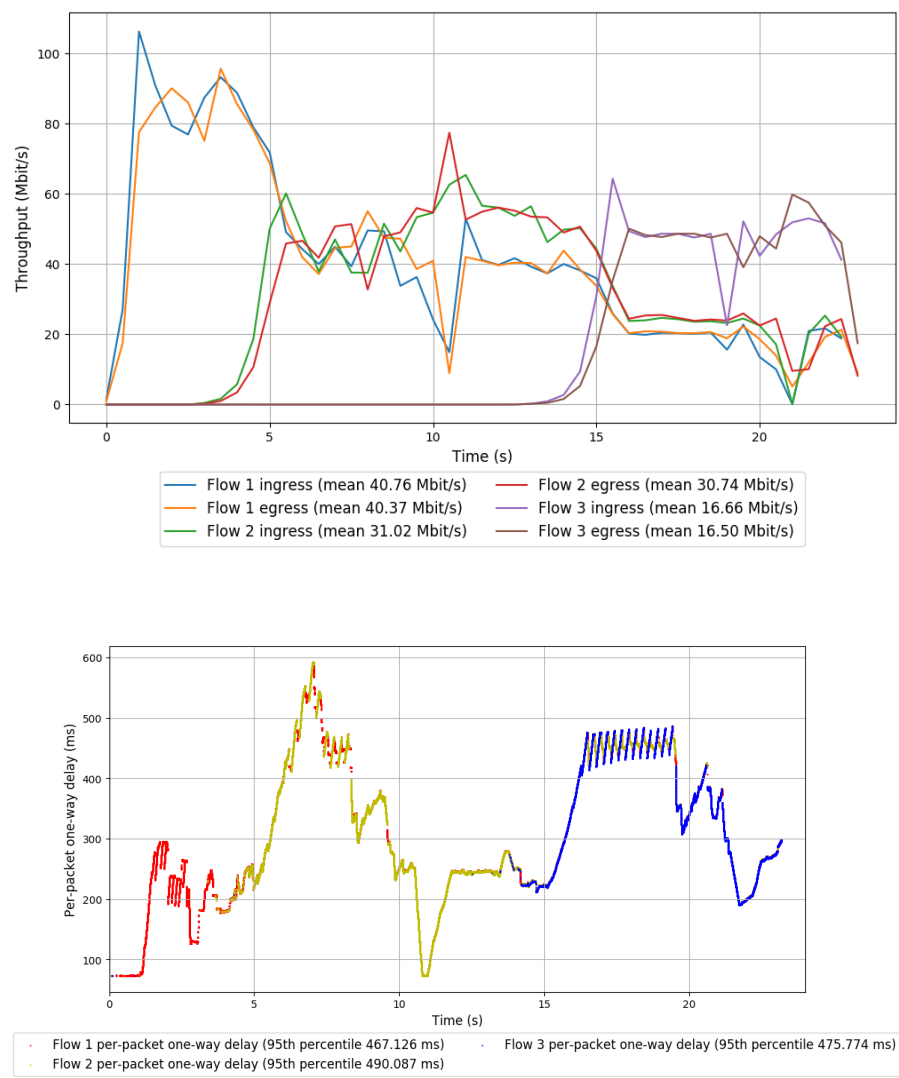
Start at: Sat, 01 Jul 2017 09:38:15 +0000

End at: Sat, 01 Jul 2017 09:38:45 +0000

Local clock offset: 0.208 ms

Remote clock offset: -15.728 ms

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 09:56:52 +0000

End at: Sat, 01 Jul 2017 09:57:22 +0000

Local clock offset: 0.26 ms

Remote clock offset: -14.413 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.86 Mbit/s

95th percentile per-packet one-way delay: 454.860 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.26 Mbit/s

95th percentile per-packet one-way delay: 434.924 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.24 Mbit/s

95th percentile per-packet one-way delay: 445.704 ms

Loss rate: 0.00%

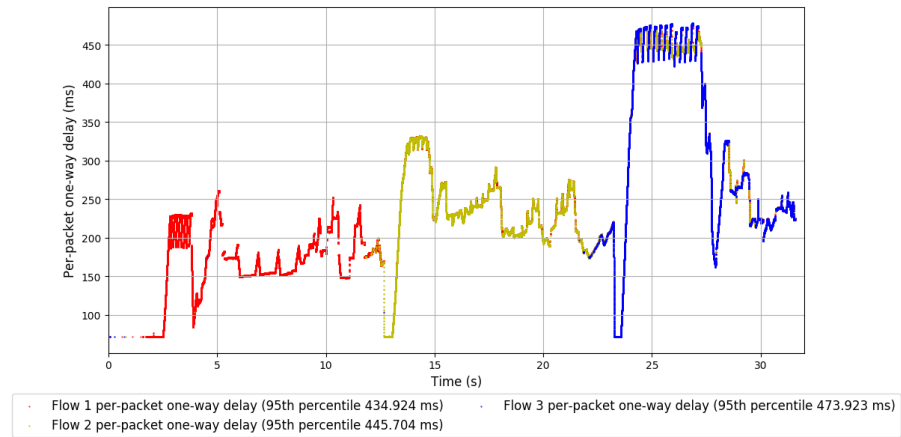
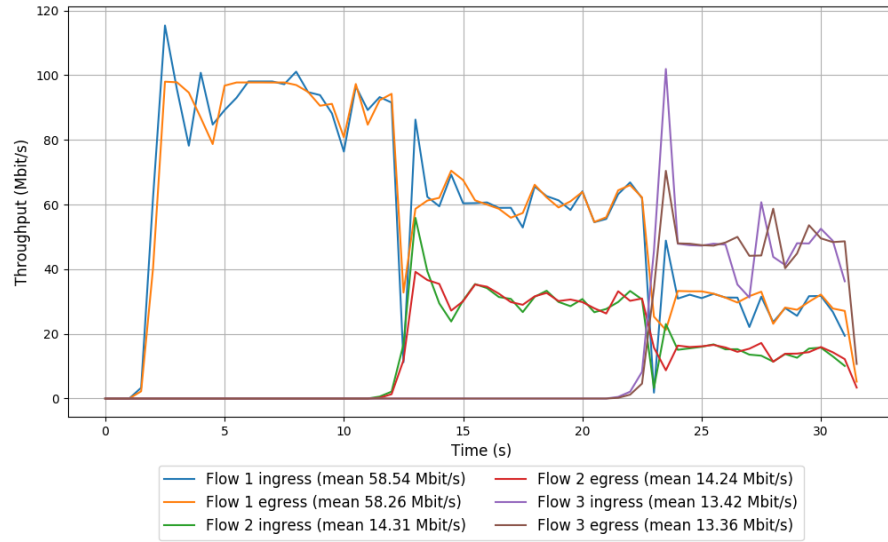
-- Flow 3:

Average throughput: 13.36 Mbit/s

95th percentile per-packet one-way delay: 473.923 ms

Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 10:15:27 +0000

End at: Sat, 01 Jul 2017 10:15:57 +0000

Local clock offset: 0.249 ms

Remote clock offset: -15.552 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.84 Mbit/s

95th percentile per-packet one-way delay: 417.943 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 56.07 Mbit/s

95th percentile per-packet one-way delay: 346.716 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 16.18 Mbit/s

95th percentile per-packet one-way delay: 417.755 ms

Loss rate: 0.00%

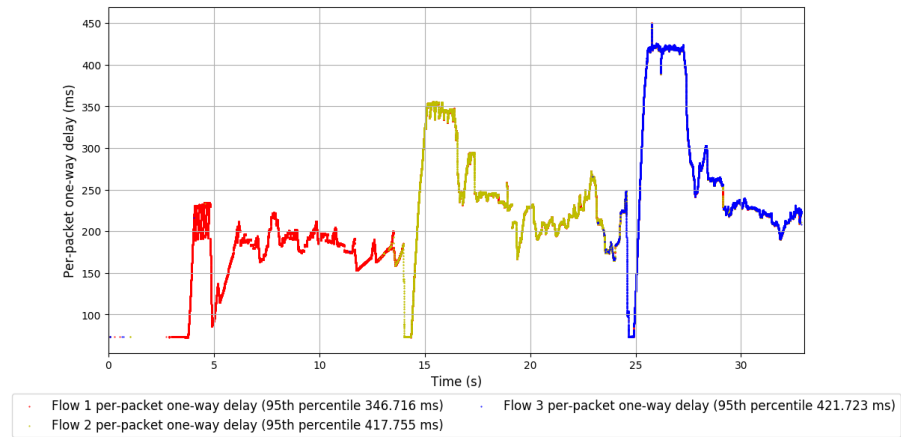
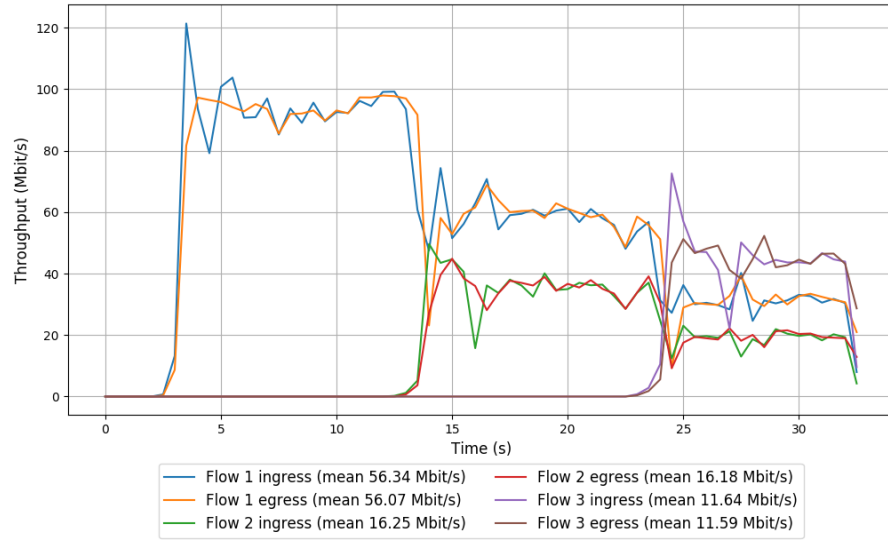
-- Flow 3:

Average throughput: 11.59 Mbit/s

95th percentile per-packet one-way delay: 421.723 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 10:34:04 +0000

End at: Sat, 01 Jul 2017 10:34:34 +0000

Local clock offset: 0.316 ms

Remote clock offset: -16.694 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.79 Mbit/s

95th percentile per-packet one-way delay: 464.972 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 49.19 Mbit/s

95th percentile per-packet one-way delay: 448.382 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 25.68 Mbit/s

95th percentile per-packet one-way delay: 462.718 ms

Loss rate: 0.00%

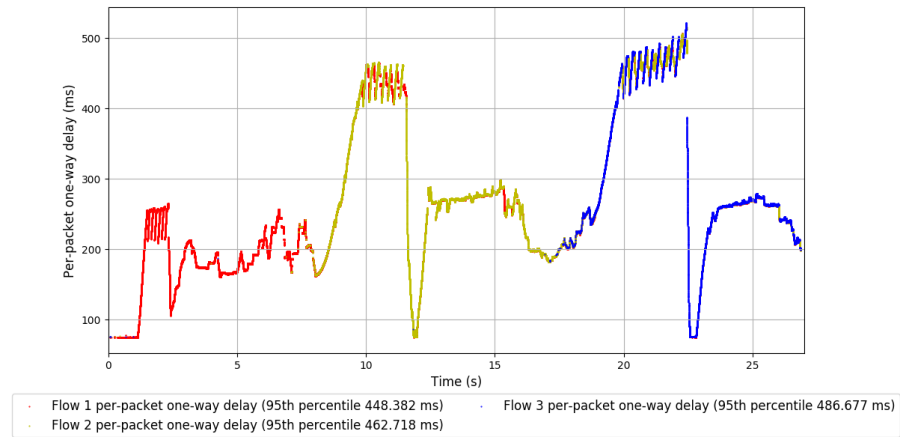
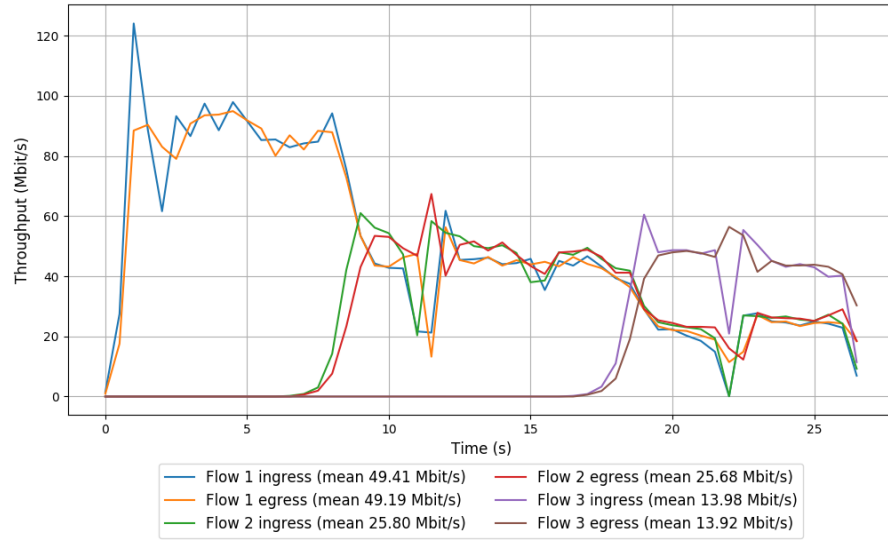
-- Flow 3:

Average throughput: 13.92 Mbit/s

95th percentile per-packet one-way delay: 486.677 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

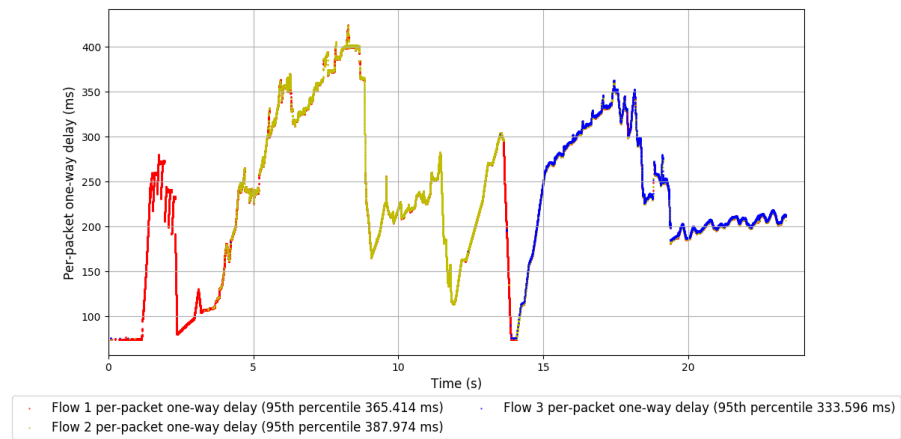
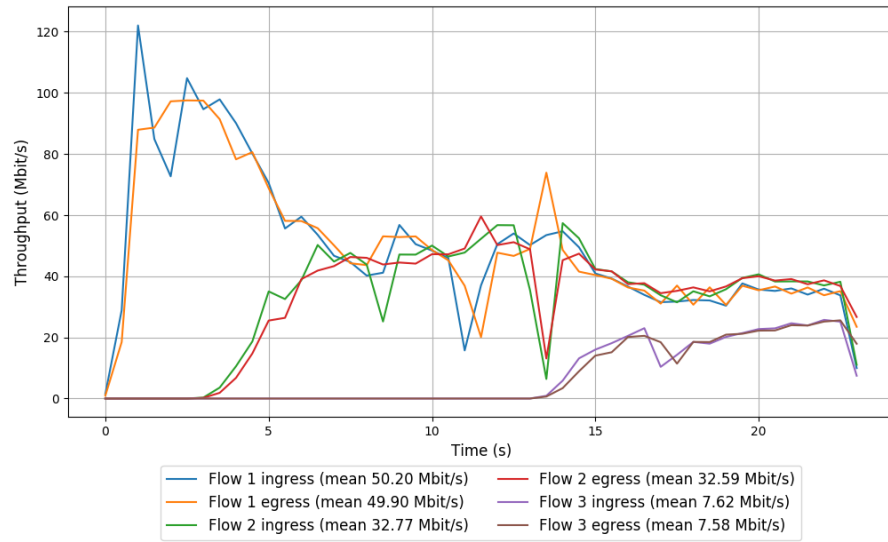
Start at: Sat, 01 Jul 2017 10:52:34 +0000

End at: Sat, 01 Jul 2017 10:53:04 +0000

Local clock offset: 0.313 ms

Remote clock offset: -17.313 ms

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 11:11:07 +0000

End at: Sat, 01 Jul 2017 11:11:37 +0000

Local clock offset: 0.427 ms

Remote clock offset: -18.79 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 461.372 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.80 Mbit/s

95th percentile per-packet one-way delay: 428.040 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 26.89 Mbit/s

95th percentile per-packet one-way delay: 481.010 ms

Loss rate: 0.00%

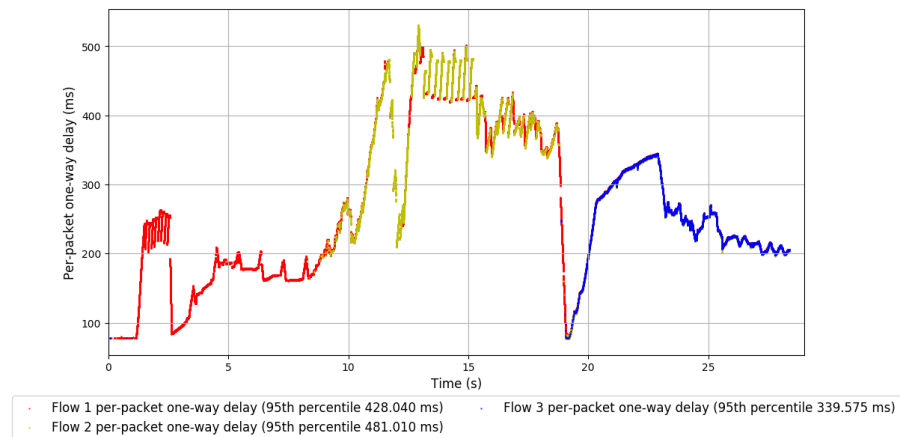
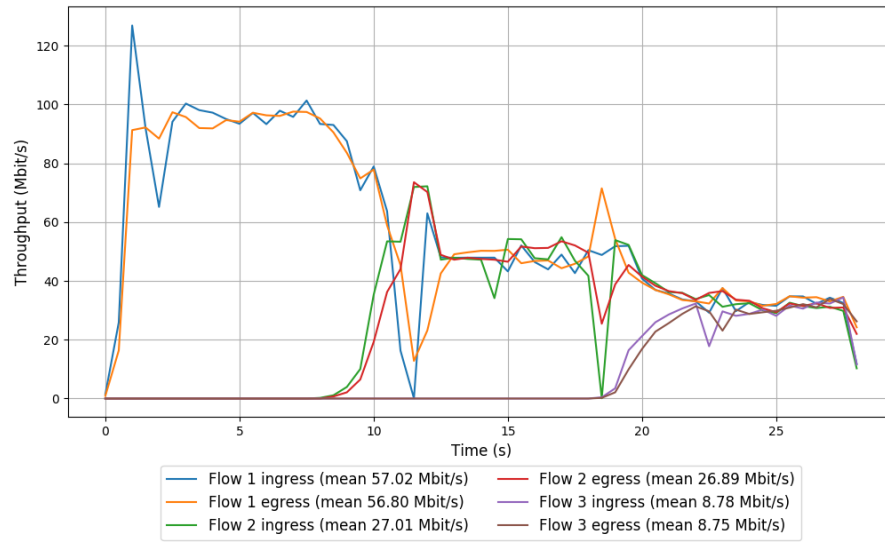
-- Flow 3:

Average throughput: 8.75 Mbit/s

95th percentile per-packet one-way delay: 339.575 ms

Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 11:29:41 +0000

End at: Sat, 01 Jul 2017 11:30:11 +0000

Local clock offset: 0.487 ms

Remote clock offset: -15.925 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.06 Mbit/s

95th percentile per-packet one-way delay: 549.143 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 44.64 Mbit/s

95th percentile per-packet one-way delay: 535.574 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 30.94 Mbit/s

95th percentile per-packet one-way delay: 547.579 ms

Loss rate: 0.00%

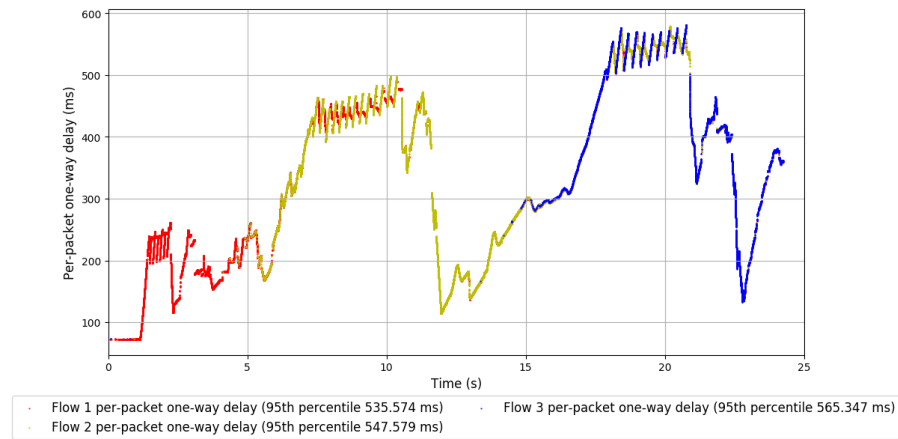
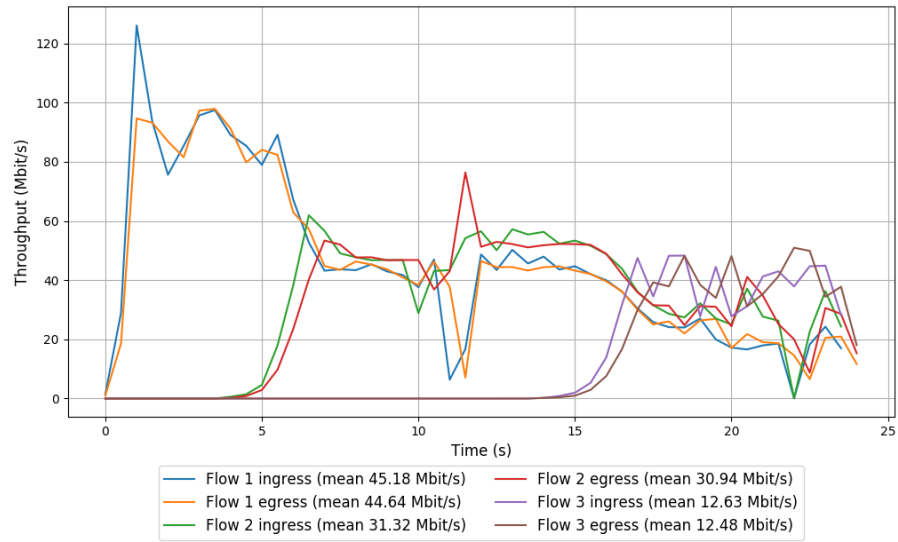
-- Flow 3:

Average throughput: 12.48 Mbit/s

95th percentile per-packet one-way delay: 565.347 ms

Loss rate: 0.01%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

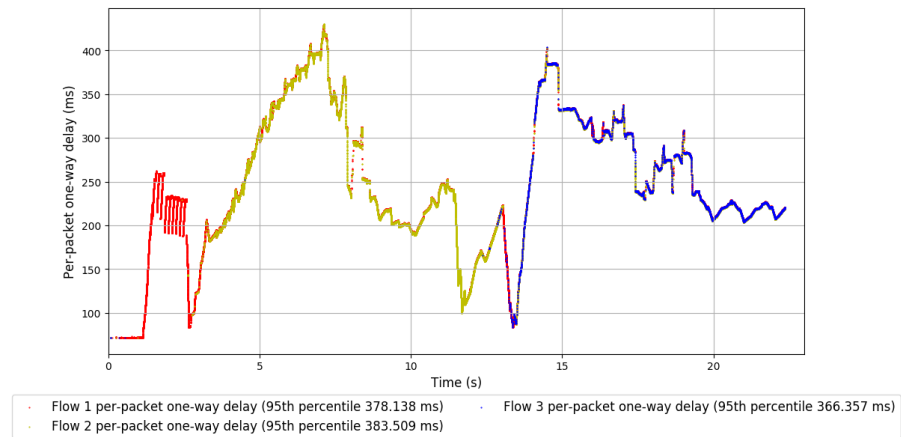
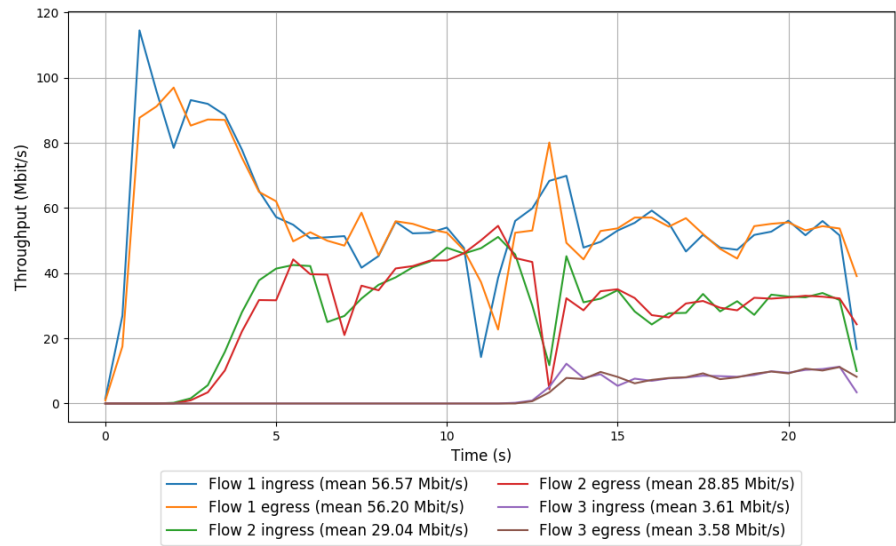
Start at: Sat, 01 Jul 2017 11:48:17 +0000

End at: Sat, 01 Jul 2017 11:48:47 +0000

Local clock offset: 0.607 ms

Remote clock offset: -13.218 ms

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 12:06:52 +0000

End at: Sat, 01 Jul 2017 12:07:22 +0000

Local clock offset: 0.544 ms

Remote clock offset: -11.606 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:41 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.71 Mbit/s

95th percentile per-packet one-way delay: 291.408 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.23 Mbit/s

95th percentile per-packet one-way delay: 289.332 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.56 Mbit/s

95th percentile per-packet one-way delay: 295.393 ms

Loss rate: 0.00%

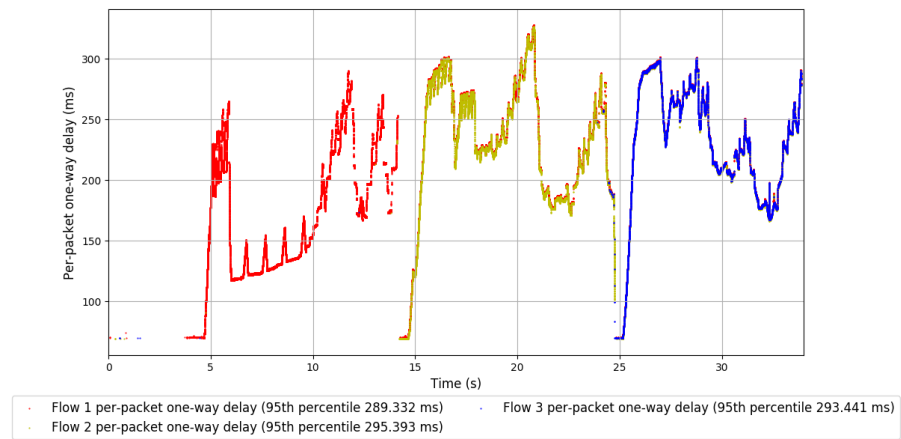
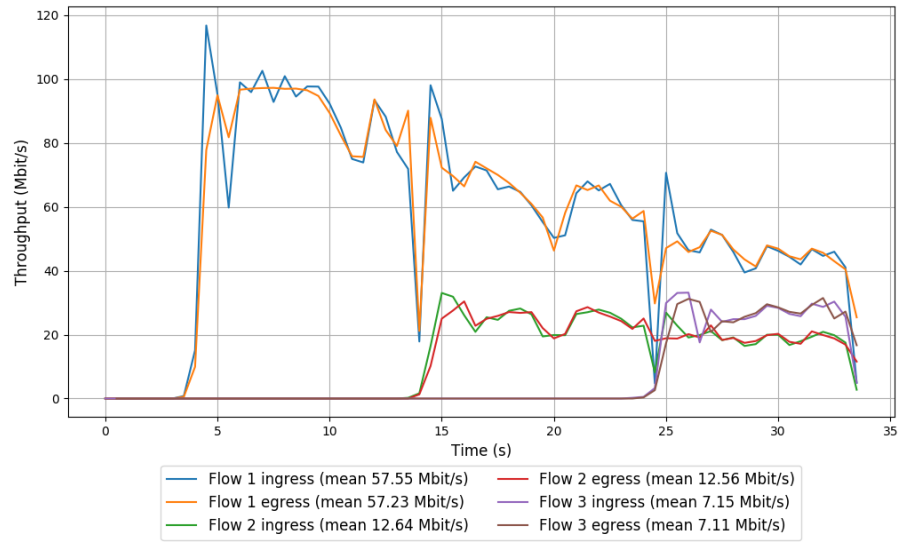
-- Flow 3:

Average throughput: 7.11 Mbit/s

95th percentile per-packet one-way delay: 293.441 ms

Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 09:17:01 +0000

End at: Sat, 01 Jul 2017 09:17:31 +0000

Local clock offset: 0.241 ms

Remote clock offset: -15.494 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.50 Mbit/s

95th percentile per-packet one-way delay: 100.198 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 70.23 Mbit/s

95th percentile per-packet one-way delay: 100.203 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.89 Mbit/s

95th percentile per-packet one-way delay: 100.525 ms

Loss rate: 0.00%

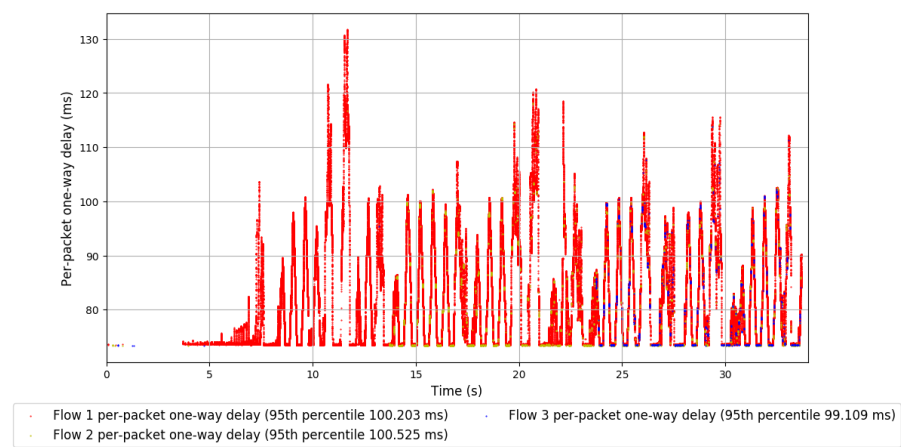
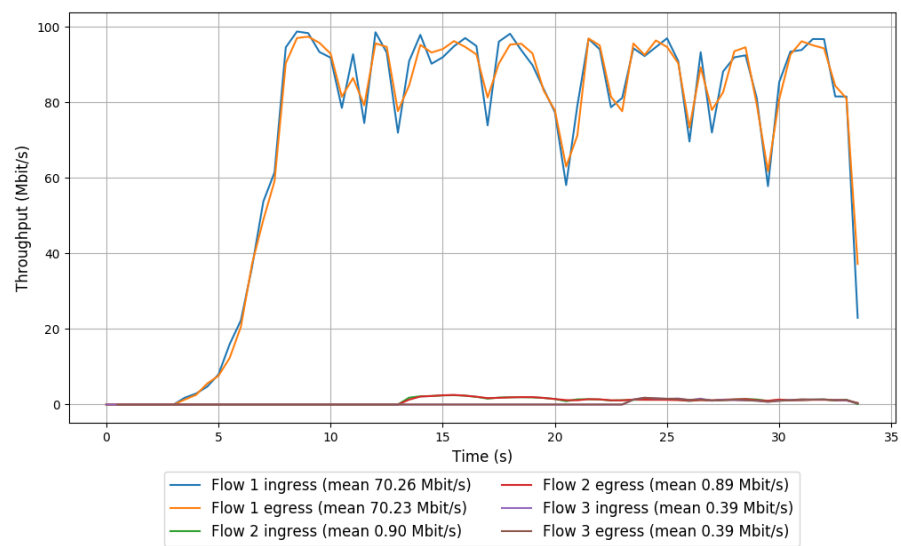
-- Flow 3:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 99.109 ms

Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 09:35:47 +0000

End at: Sat, 01 Jul 2017 09:36:17 +0000

Local clock offset: 0.137 ms

Remote clock offset: -15.779 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:04:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 98.485 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 69.59 Mbit/s

95th percentile per-packet one-way delay: 98.473 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.46 Mbit/s

95th percentile per-packet one-way delay: 99.653 ms

Loss rate: 0.00%

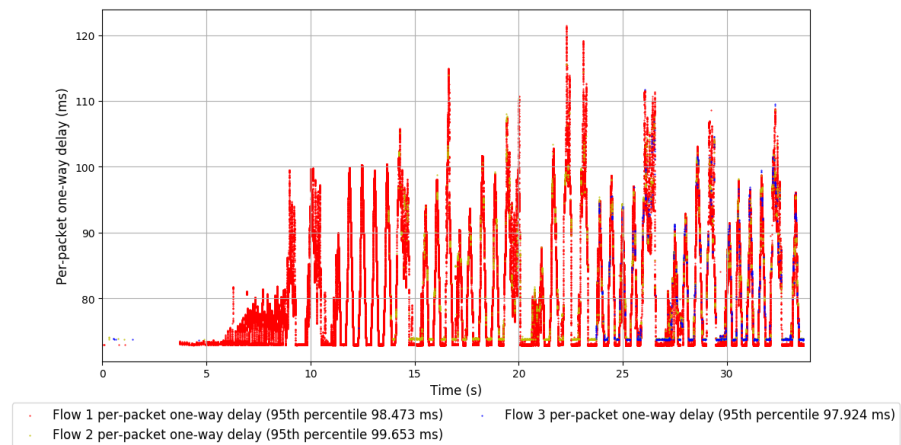
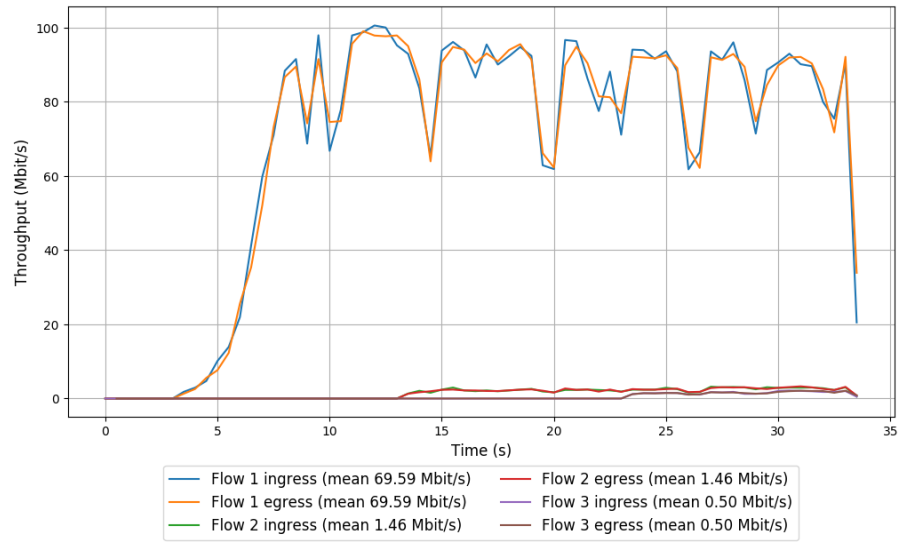
-- Flow 3:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 97.924 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 09:54:24 +0000

End at: Sat, 01 Jul 2017 09:54:54 +0000

Local clock offset: 0.241 ms

Remote clock offset: -14.675 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:02 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.47 Mbit/s

95th percentile per-packet one-way delay: 102.165 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 68.49 Mbit/s

95th percentile per-packet one-way delay: 102.134 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.58 Mbit/s

95th percentile per-packet one-way delay: 102.630 ms

Loss rate: 0.00%

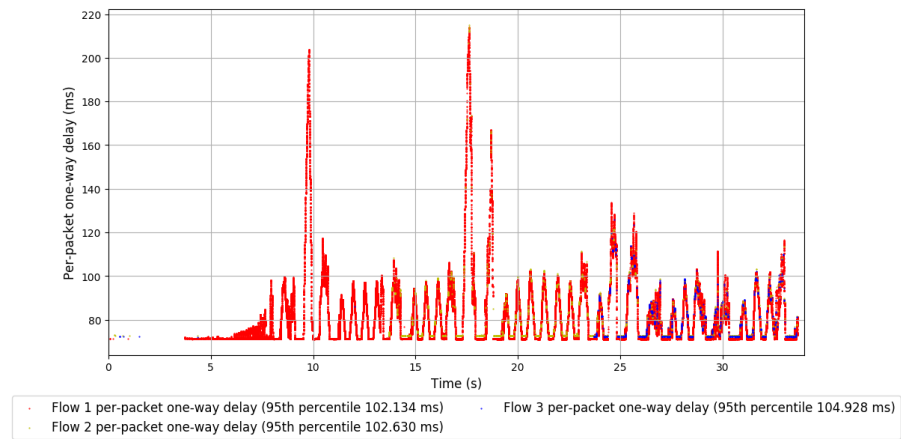
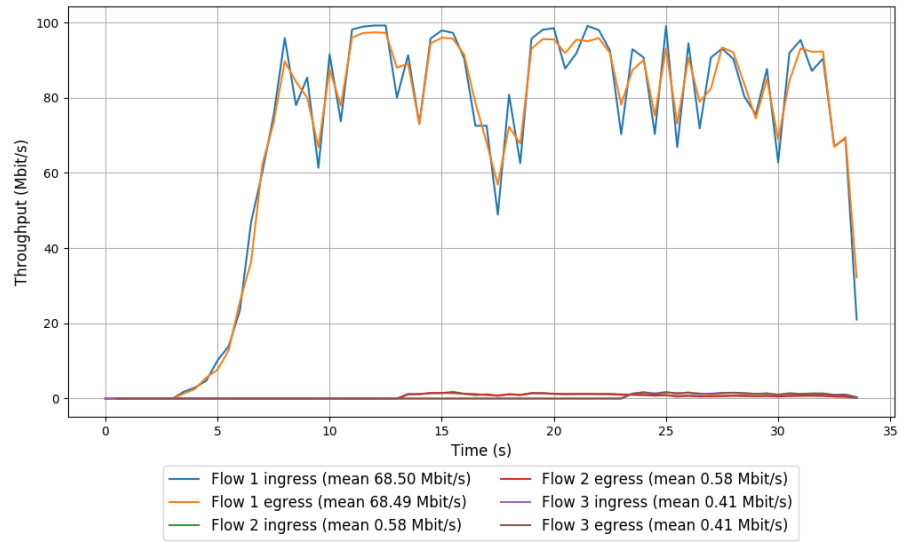
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 104.928 ms

Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 10:12:59 +0000

End at: Sat, 01 Jul 2017 10:13:29 +0000

Local clock offset: 0.305 ms

Remote clock offset: -15.485 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.41 Mbit/s

95th percentile per-packet one-way delay: 100.124 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 73.21 Mbit/s

95th percentile per-packet one-way delay: 100.123 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 100.586 ms

Loss rate: 0.00%

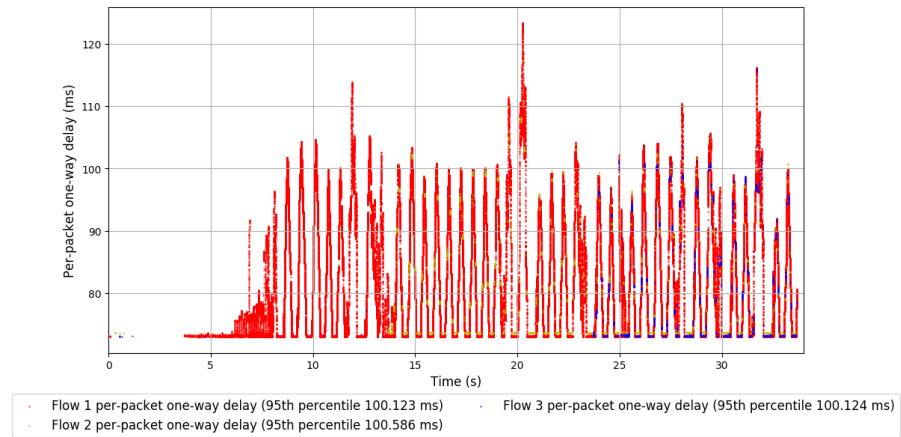
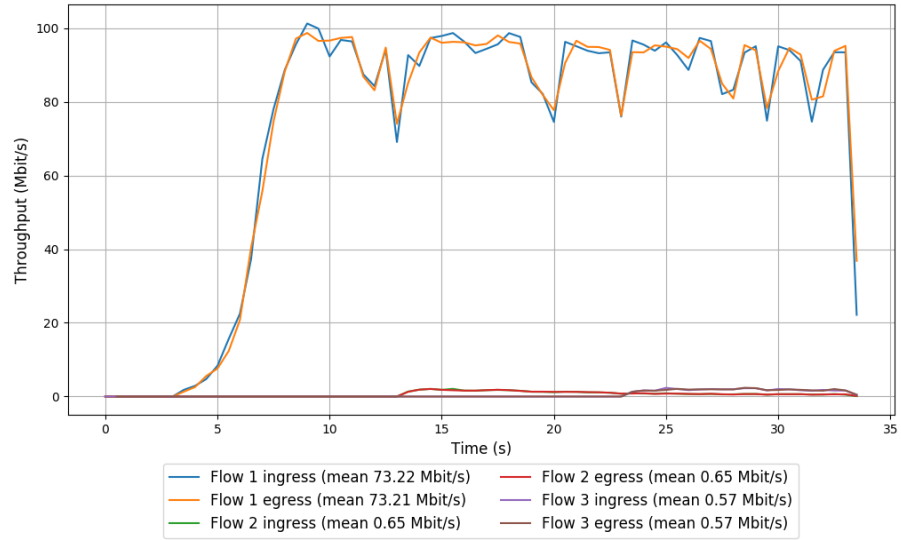
-- Flow 3:

Average throughput: 0.57 Mbit/s

95th percentile per-packet one-way delay: 100.124 ms

Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 10:31:38 +0000

End at: Sat, 01 Jul 2017 10:32:08 +0000

Local clock offset: 0.264 ms

Remote clock offset: -16.772 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 58.41 Mbit/s

95th percentile per-packet one-way delay: 108.872 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 55.71 Mbit/s

95th percentile per-packet one-way delay: 108.252 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.13 Mbit/s

95th percentile per-packet one-way delay: 112.941 ms

Loss rate: 0.00%

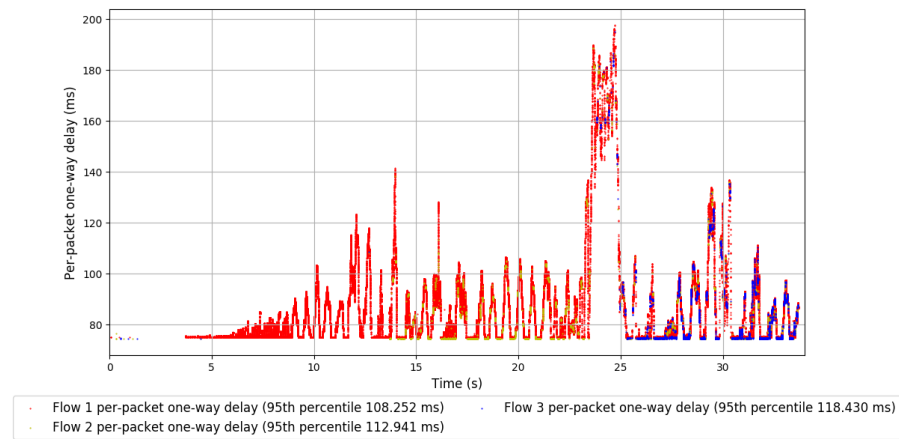
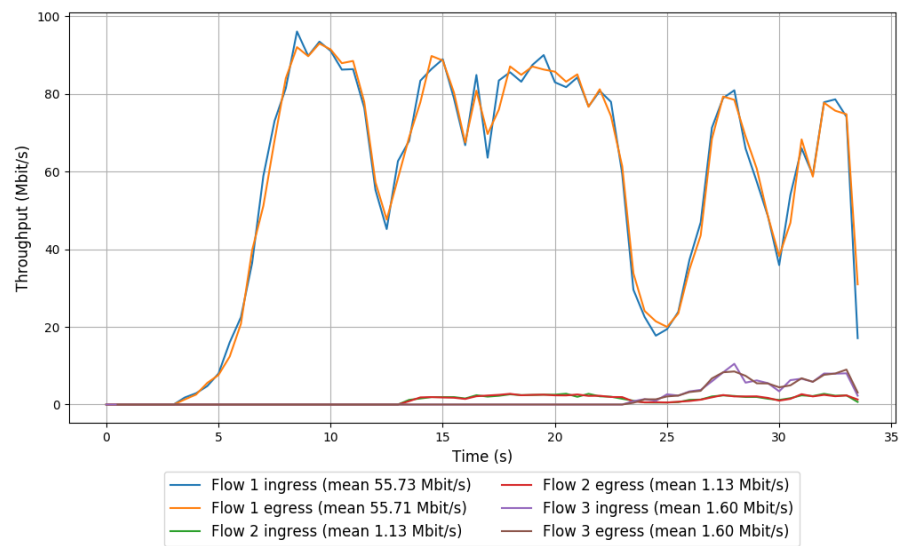
-- Flow 3:

Average throughput: 1.60 Mbit/s

95th percentile per-packet one-way delay: 118.430 ms

Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 10:50:05 +0000

End at: Sat, 01 Jul 2017 10:50:35 +0000

Local clock offset: 0.297 ms

Remote clock offset: -17.185 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.24 Mbit/s

95th percentile per-packet one-way delay: 102.566 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 69.55 Mbit/s

95th percentile per-packet one-way delay: 102.550 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 102.122 ms

Loss rate: 0.00%

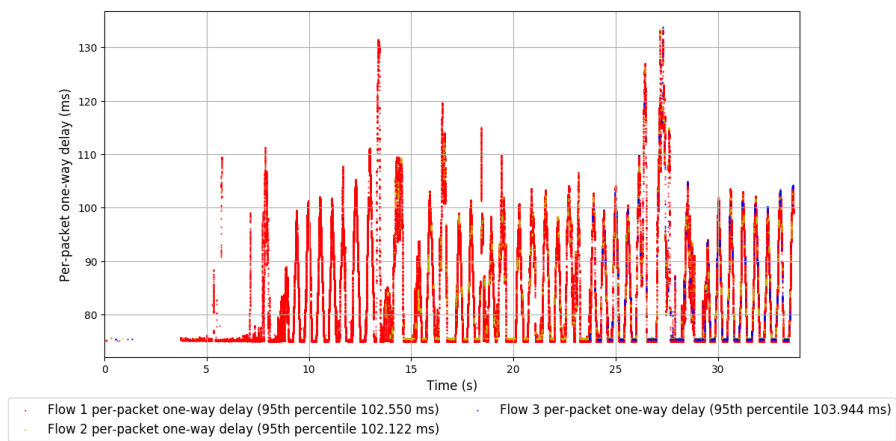
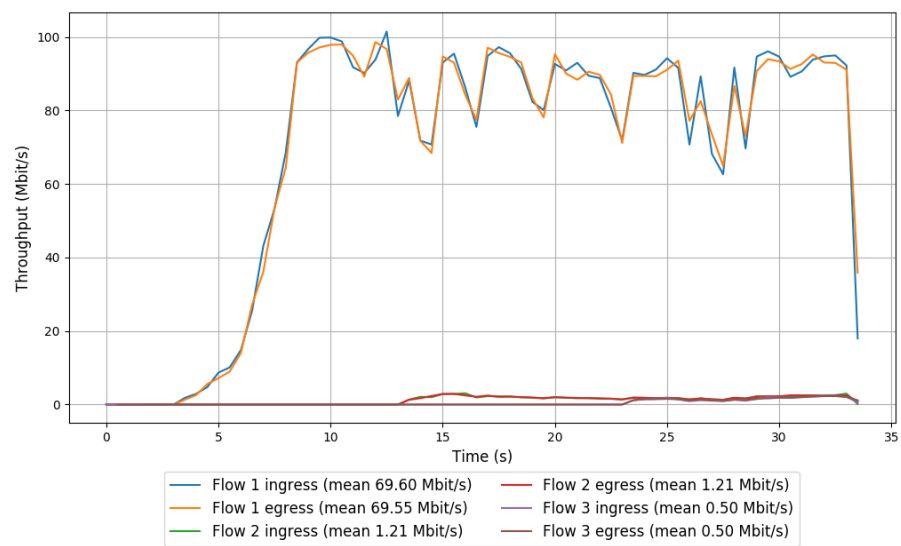
-- Flow 3:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 103.944 ms

Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 11:08:40 +0000

End at: Sat, 01 Jul 2017 11:09:10 +0000

Local clock offset: 0.41 ms

Remote clock offset: -18.877 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: 103.028 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 57.37 Mbit/s

95th percentile per-packet one-way delay: 103.075 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 1.16 Mbit/s

95th percentile per-packet one-way delay: 101.461 ms

Loss rate: 0.00%

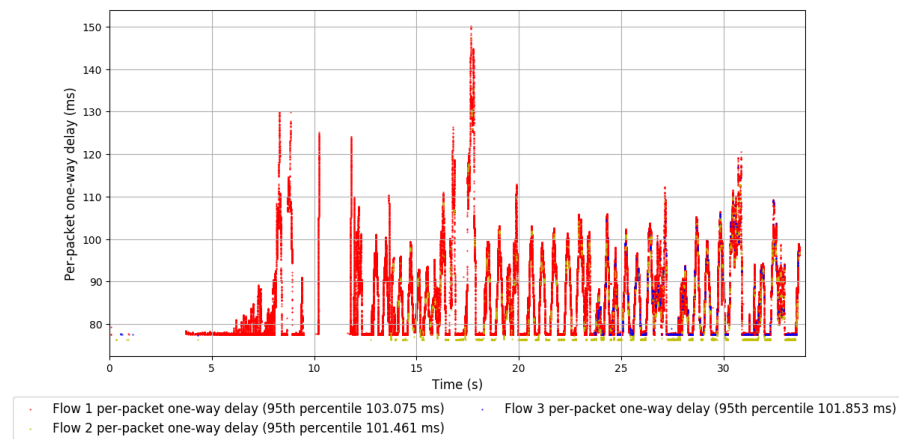
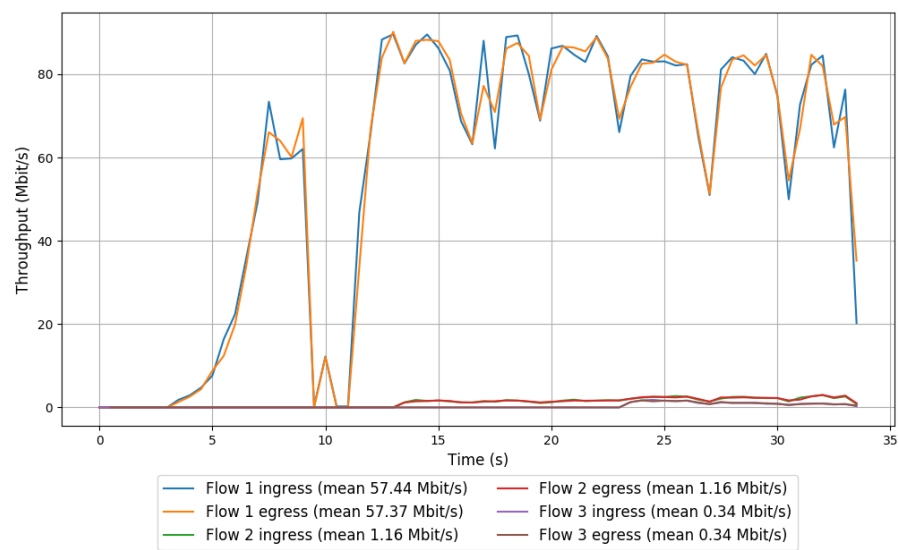
-- Flow 3:

Average throughput: 0.34 Mbit/s

95th percentile per-packet one-way delay: 101.853 ms

Loss rate: 0.01%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 11:27:13 +0000

End at: Sat, 01 Jul 2017 11:27:43 +0000

Local clock offset: 0.478 ms

Remote clock offset: -16.057 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.55 Mbit/s

95th percentile per-packet one-way delay: 101.951 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 69.46 Mbit/s

95th percentile per-packet one-way delay: 101.921 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.63 Mbit/s

95th percentile per-packet one-way delay: 104.472 ms

Loss rate: 0.00%

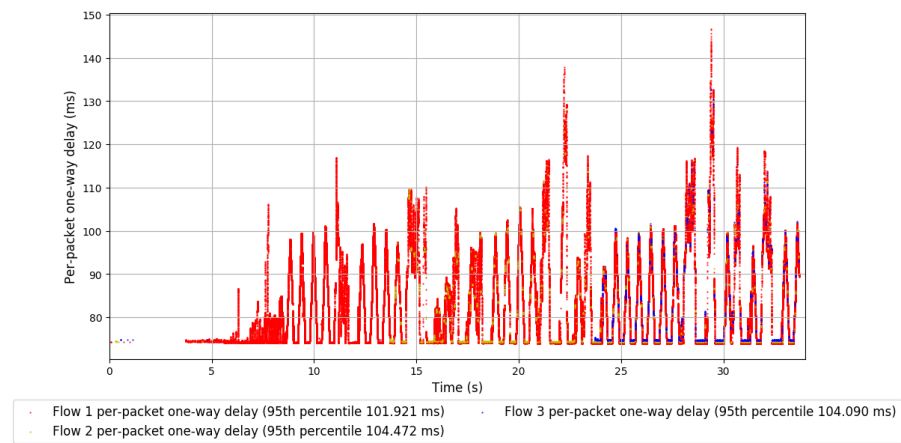
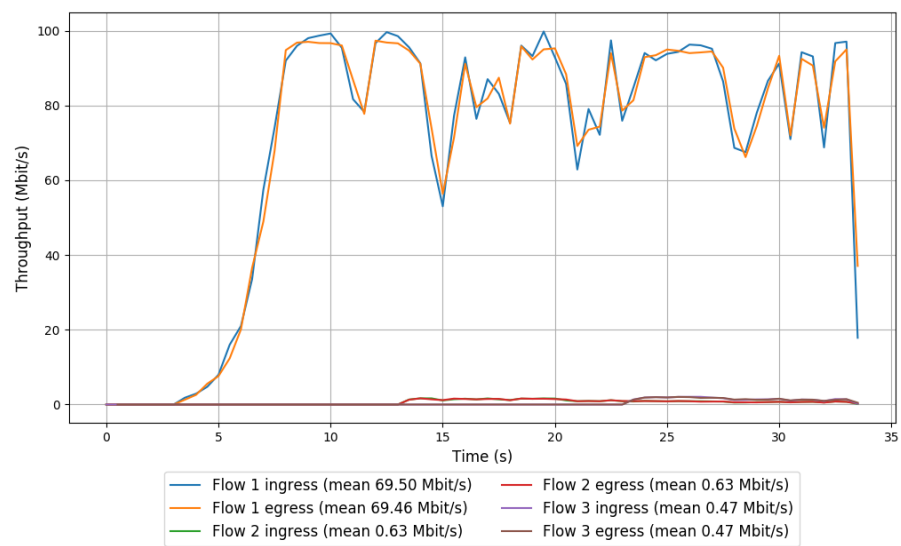
-- Flow 3:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 104.090 ms

Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 11:45:51 +0000

End at: Sat, 01 Jul 2017 11:46:21 +0000

Local clock offset: 0.563 ms

Remote clock offset: -14.009 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 65.28 Mbit/s

95th percentile per-packet one-way delay: 98.260 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 62.55 Mbit/s

95th percentile per-packet one-way delay: 98.394 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 97.391 ms

Loss rate: 0.00%

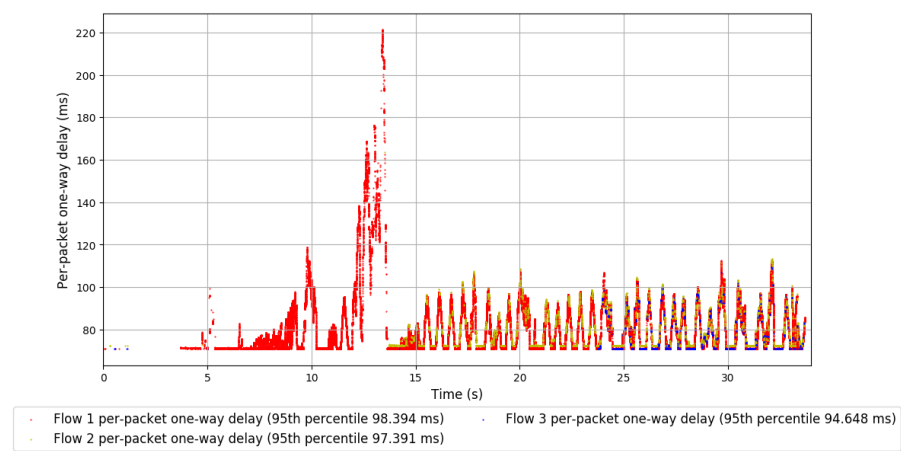
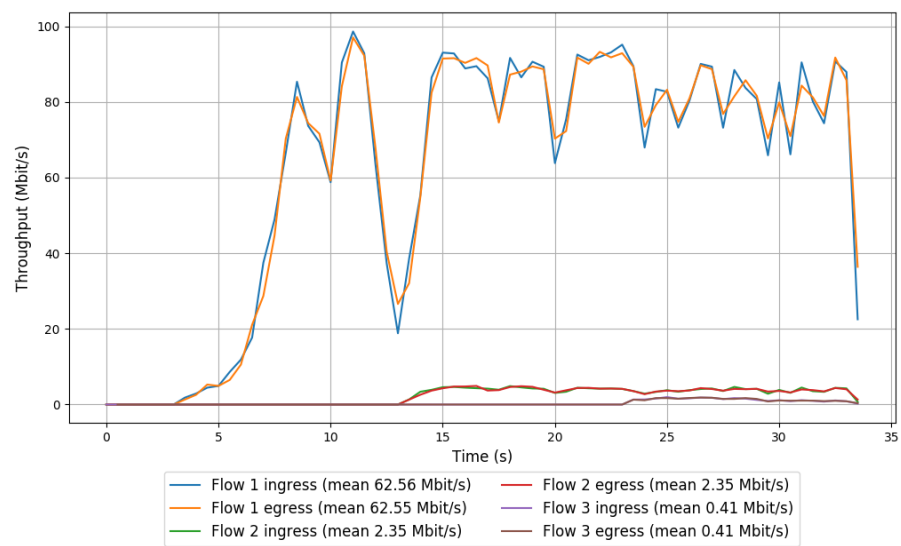
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 94.648 ms

Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 12:04:24 +0000

End at: Sat, 01 Jul 2017 12:04:54 +0000

Local clock offset: 0.524 ms

Remote clock offset: -11.714 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 65.62 Mbit/s

95th percentile per-packet one-way delay: 96.231 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 63.20 Mbit/s

95th percentile per-packet one-way delay: 96.208 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.88 Mbit/s

95th percentile per-packet one-way delay: 96.914 ms

Loss rate: 0.00%

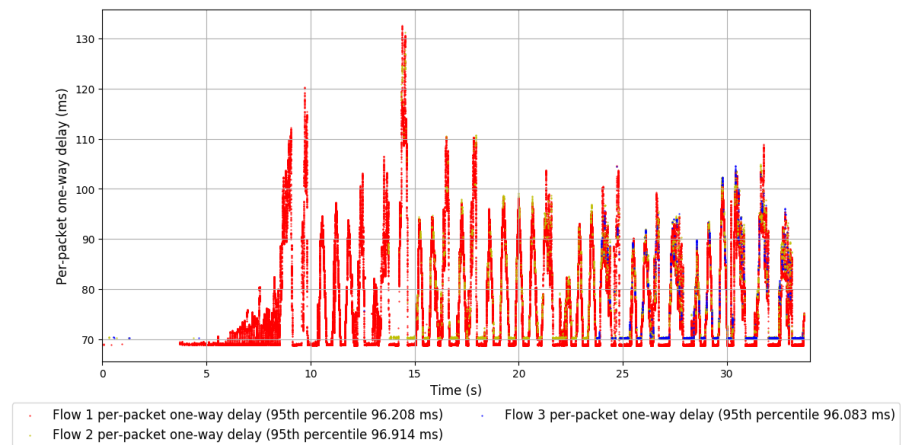
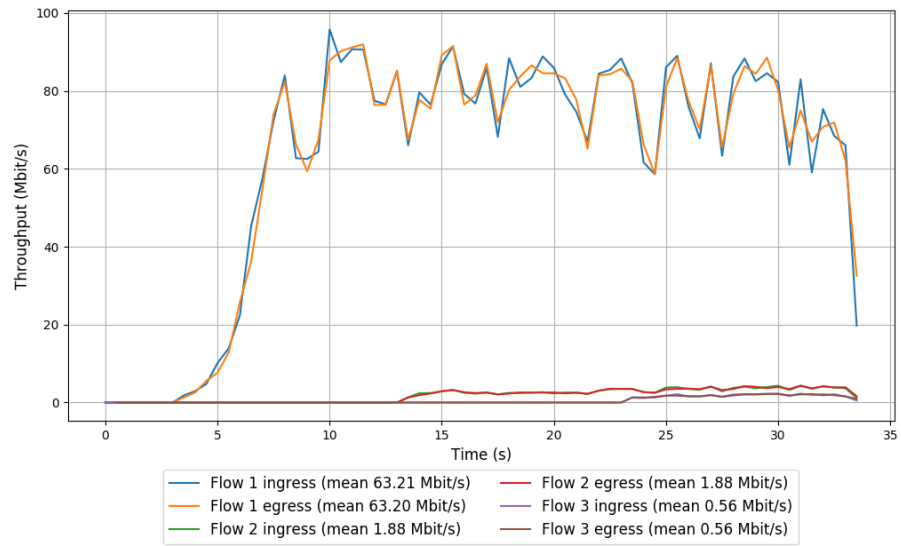
-- Flow 3:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 96.083 ms

Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sat, 01 Jul 2017 09:09:30 +0000

End at: Sat, 01 Jul 2017 09:10:00 +0000

Local clock offset: 0.195 ms

Remote clock offset: -14.959 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.24 Mbit/s

95th percentile per-packet one-way delay: 131.987 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.83 Mbit/s

95th percentile per-packet one-way delay: 118.790 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 8.92 Mbit/s

95th percentile per-packet one-way delay: 117.102 ms

Loss rate: 0.00%

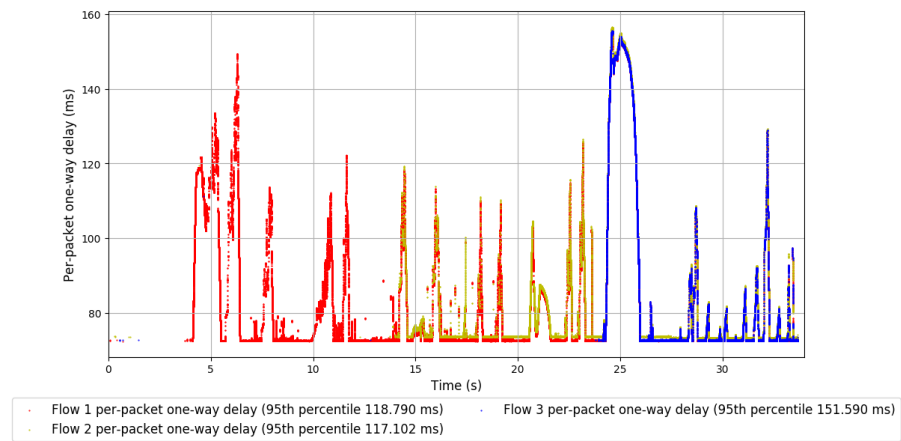
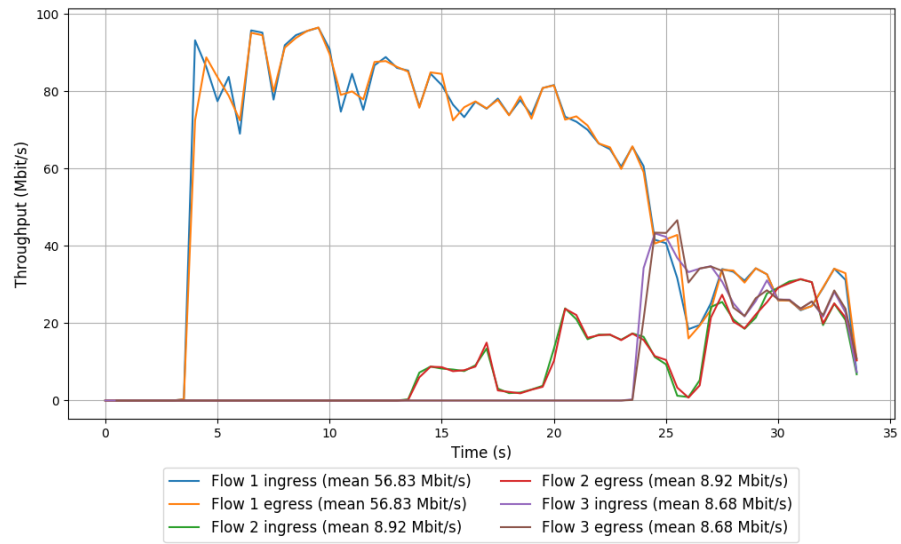
-- Flow 3:

Average throughput: 8.68 Mbit/s

95th percentile per-packet one-way delay: 151.590 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sat, 01 Jul 2017 09:28:13 +0000

End at: Sat, 01 Jul 2017 09:28:43 +0000

Local clock offset: 0.155 ms

Remote clock offset: -16.017 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:05:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.98 Mbit/s

95th percentile per-packet one-way delay: 171.007 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 172.548 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 14.18 Mbit/s

95th percentile per-packet one-way delay: 119.779 ms

Loss rate: 0.00%

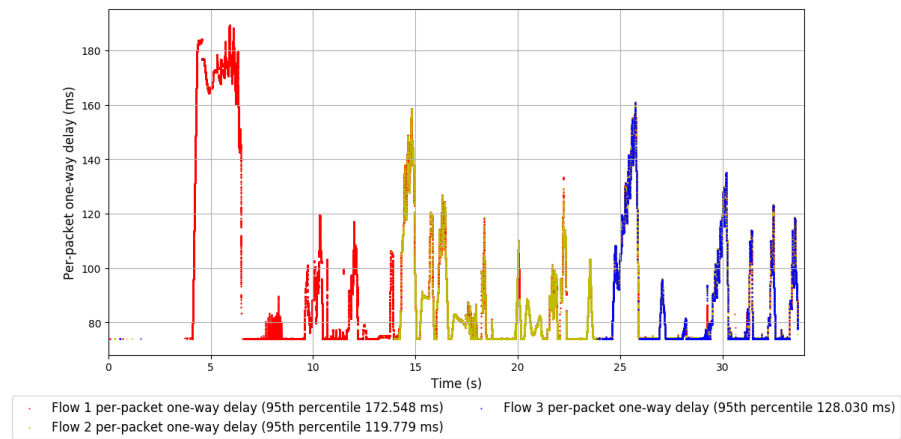
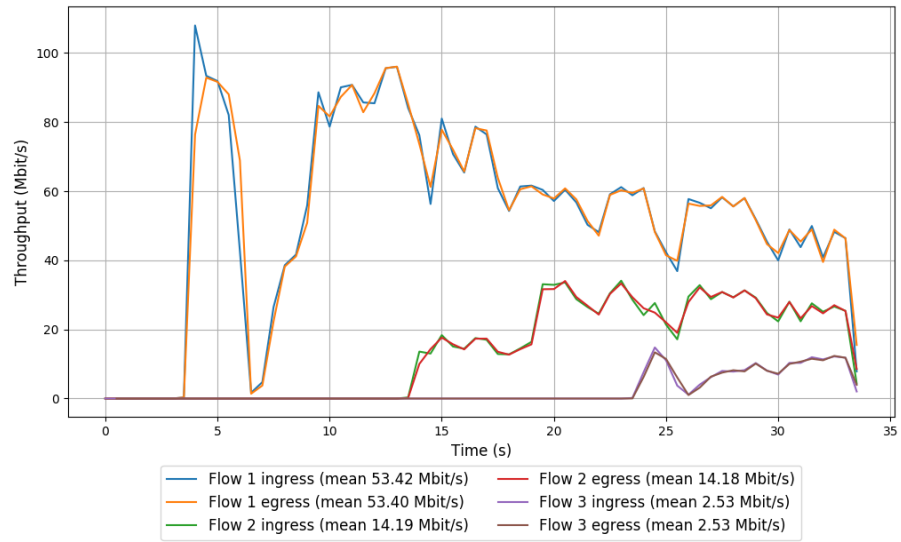
-- Flow 3:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 128.030 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sat, 01 Jul 2017 09:46:51 +0000

End at: Sat, 01 Jul 2017 09:47:21 +0000

Local clock offset: 0.205 ms

Remote clock offset: -15.13 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:06:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.21 Mbit/s

95th percentile per-packet one-way delay: 393.033 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 54.07 Mbit/s

95th percentile per-packet one-way delay: 398.128 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 95.025 ms

Loss rate: 0.00%

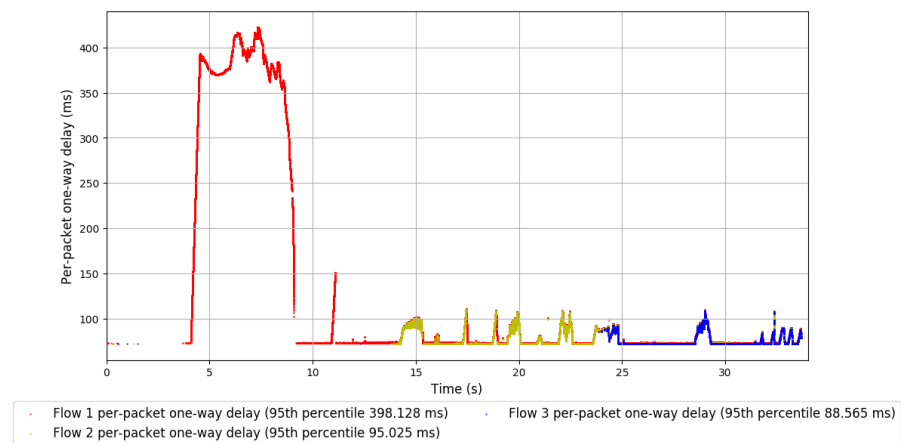
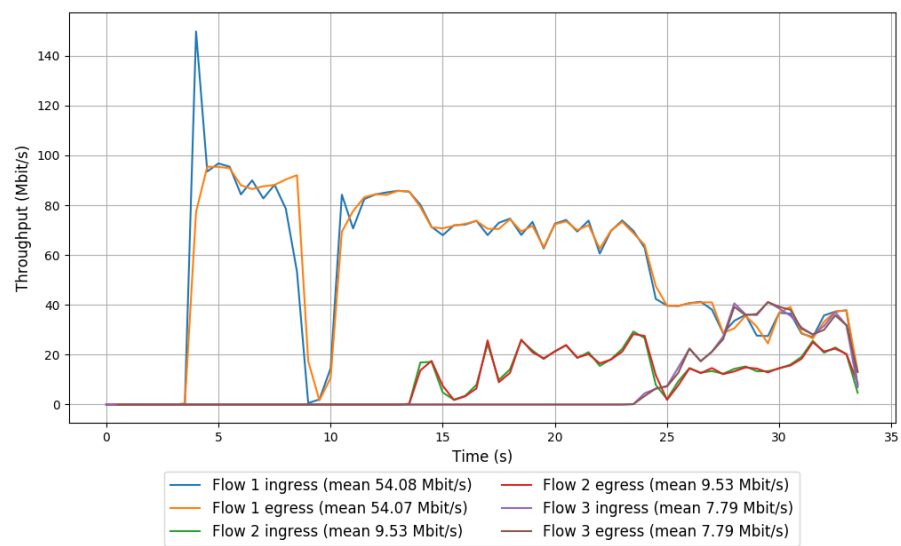
-- Flow 3:

Average throughput: 7.79 Mbit/s

95th percentile per-packet one-way delay: 88.565 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sat, 01 Jul 2017 10:05:25 +0000

End at: Sat, 01 Jul 2017 10:05:55 +0000

Local clock offset: 0.269 ms

Remote clock offset: -14.553 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:06:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.90 Mbit/s

95th percentile per-packet one-way delay: 246.533 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.68 Mbit/s

95th percentile per-packet one-way delay: 247.465 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 11.74 Mbit/s

95th percentile per-packet one-way delay: 89.352 ms

Loss rate: 0.00%

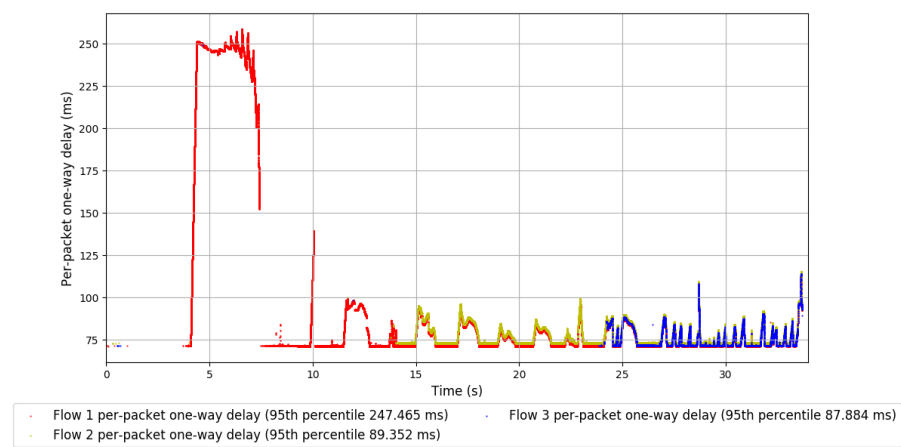
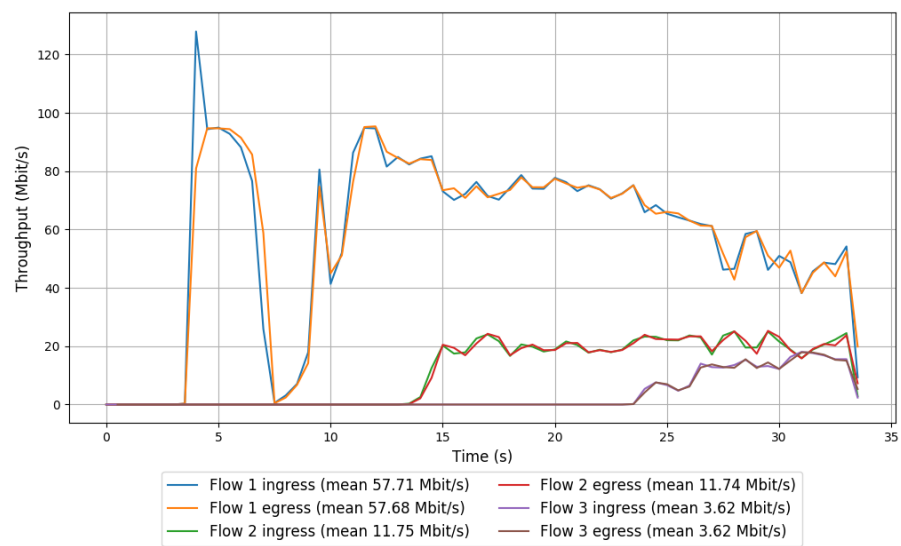
-- Flow 3:

Average throughput: 3.62 Mbit/s

95th percentile per-packet one-way delay: 87.884 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sat, 01 Jul 2017 10:24:06 +0000

End at: Sat, 01 Jul 2017 10:24:36 +0000

Local clock offset: 0.233 ms

Remote clock offset: -16.201 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:06:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.08 Mbit/s

95th percentile per-packet one-way delay: 273.118 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 45.37 Mbit/s

95th percentile per-packet one-way delay: 274.291 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 19.51 Mbit/s

95th percentile per-packet one-way delay: 124.738 ms

Loss rate: 0.00%

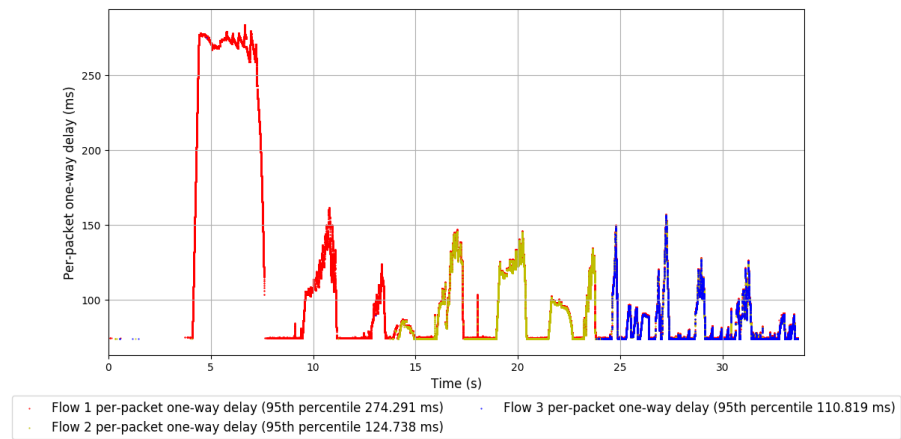
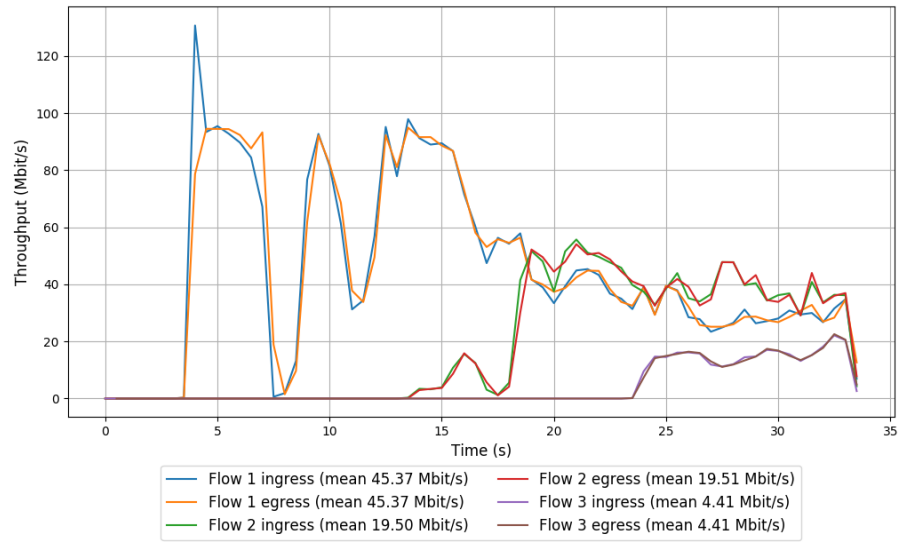
-- Flow 3:

Average throughput: 4.41 Mbit/s

95th percentile per-packet one-way delay: 110.819 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sat, 01 Jul 2017 10:42:37 +0000

End at: Sat, 01 Jul 2017 10:43:07 +0000

Local clock offset: 0.261 ms

Remote clock offset: -17.648 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:06:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.31 Mbit/s

95th percentile per-packet one-way delay: 160.573 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 29.56 Mbit/s

95th percentile per-packet one-way delay: 138.029 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.88 Mbit/s

95th percentile per-packet one-way delay: 137.712 ms

Loss rate: 0.00%

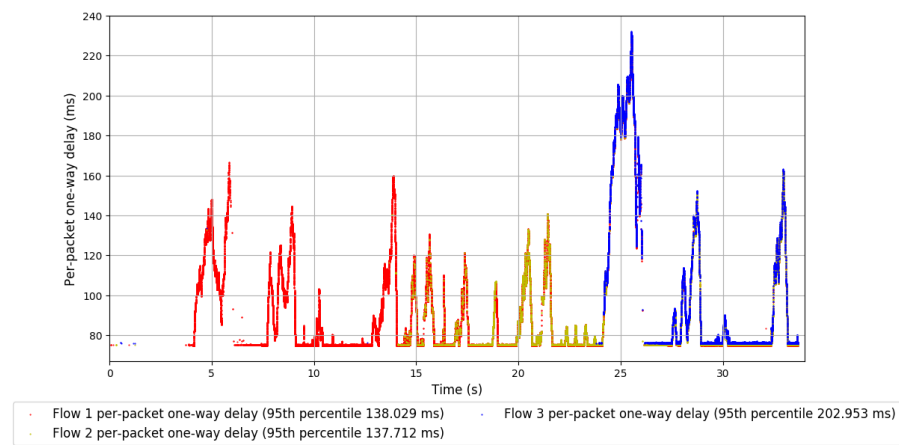
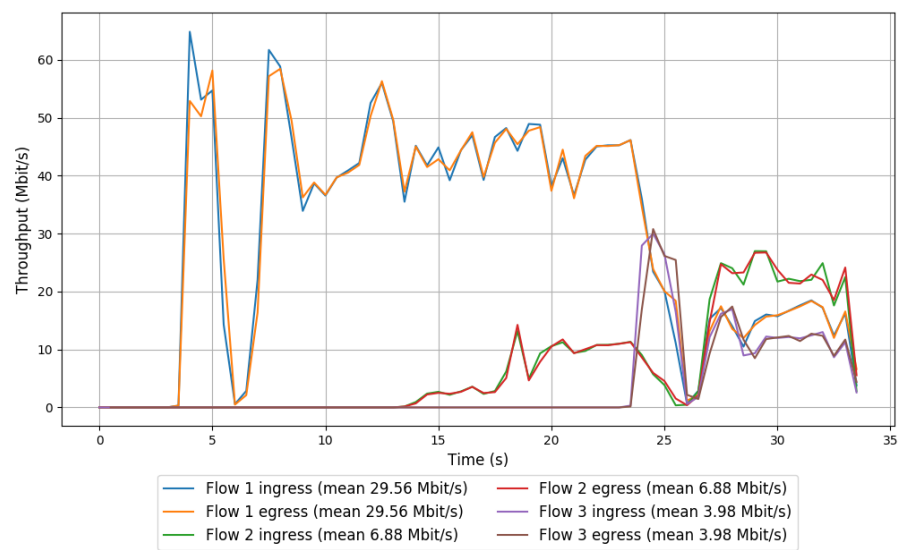
-- Flow 3:

Average throughput: 3.98 Mbit/s

95th percentile per-packet one-way delay: 202.953 ms

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sat, 01 Jul 2017 11:01:10 +0000

End at: Sat, 01 Jul 2017 11:01:40 +0000

Local clock offset: 0.376 ms

Remote clock offset: -18.446 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:06:44 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 58.95 Mbit/s

95th percentile per-packet one-way delay: 319.656 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 38.16 Mbit/s

95th percentile per-packet one-way delay: 325.842 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.74 Mbit/s

95th percentile per-packet one-way delay: 125.775 ms

Loss rate: 0.00%

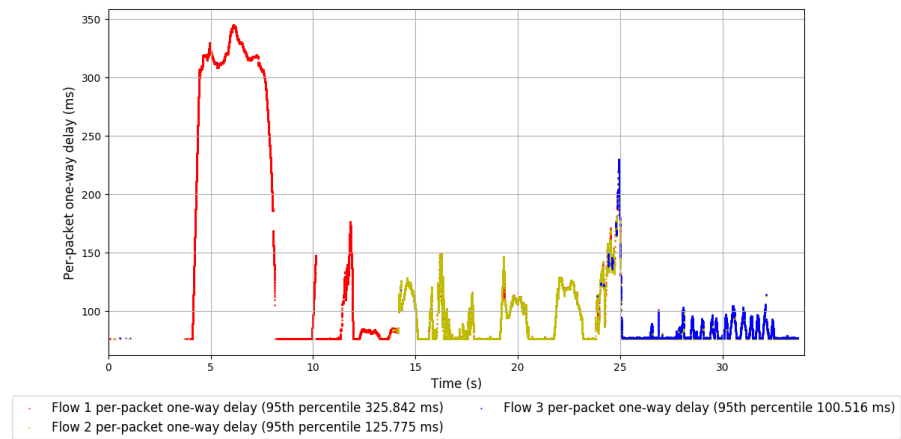
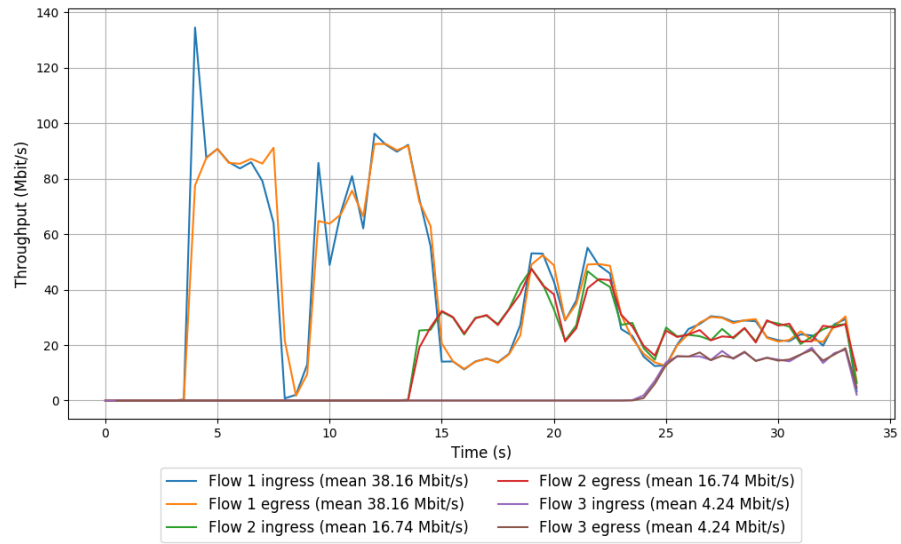
-- Flow 3:

Average throughput: 4.24 Mbit/s

95th percentile per-packet one-way delay: 100.516 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sat, 01 Jul 2017 11:19:46 +0000

End at: Sat, 01 Jul 2017 11:20:16 +0000

Local clock offset: 0.368 ms

Remote clock offset: -17.561 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:06:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.47 Mbit/s

95th percentile per-packet one-way delay: 155.392 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 50.94 Mbit/s

95th percentile per-packet one-way delay: 142.703 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 19.74 Mbit/s

95th percentile per-packet one-way delay: 161.580 ms

Loss rate: 0.00%

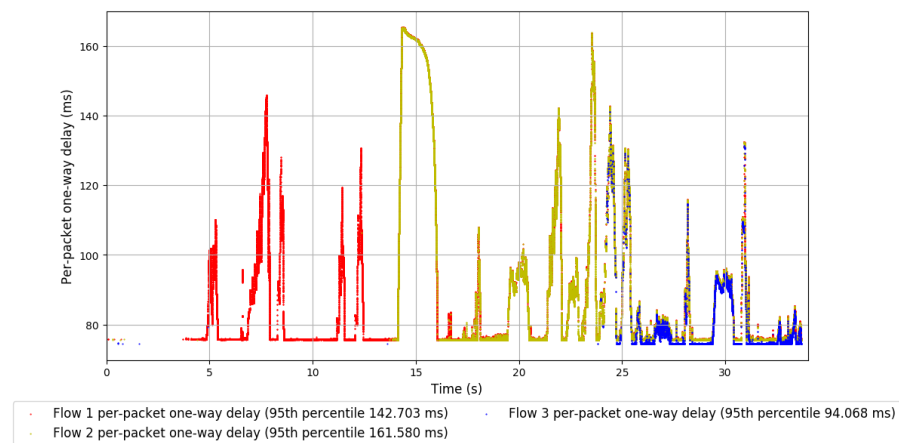
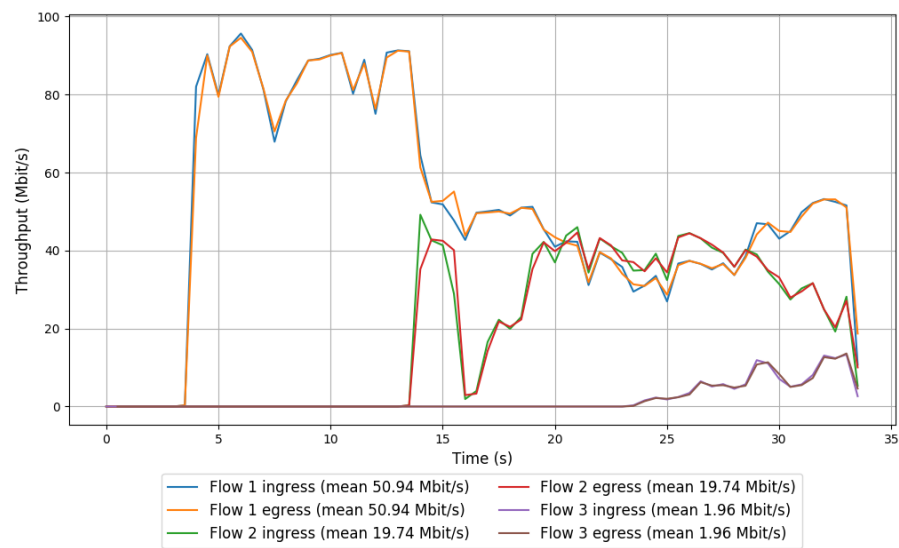
-- Flow 3:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 94.068 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sat, 01 Jul 2017 11:38:19 +0000

End at: Sat, 01 Jul 2017 11:38:49 +0000

Local clock offset: 0.486 ms

Remote clock offset: -15.199 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.13 Mbit/s

95th percentile per-packet one-way delay: 161.253 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 48.10 Mbit/s

95th percentile per-packet one-way delay: 165.736 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.10 Mbit/s

95th percentile per-packet one-way delay: 148.287 ms

Loss rate: 0.00%

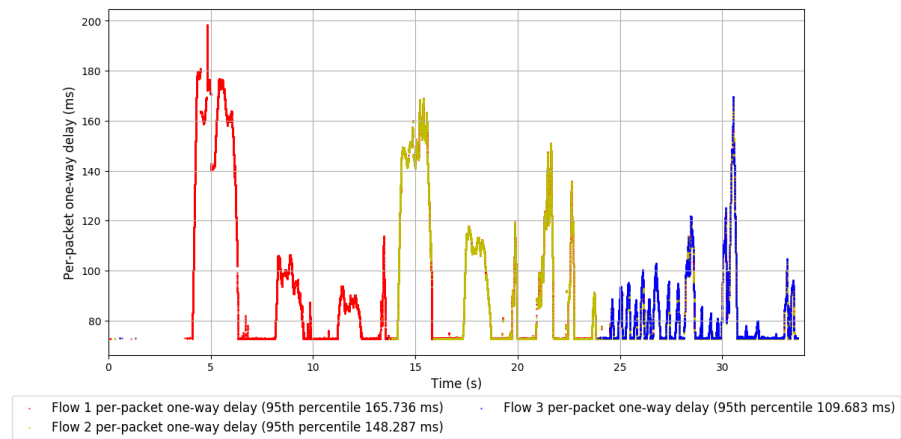
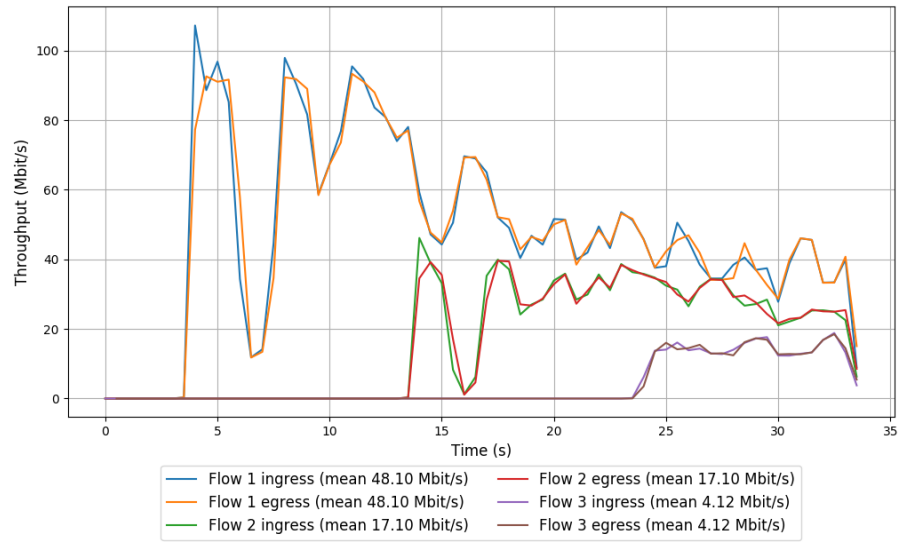
-- Flow 3:

Average throughput: 4.12 Mbit/s

95th percentile per-packet one-way delay: 109.683 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sat, 01 Jul 2017 11:56:52 +0000

End at: Sat, 01 Jul 2017 11:57:22 +0000

Local clock offset: 0.56 ms

Remote clock offset: -12.27 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.53 Mbit/s

95th percentile per-packet one-way delay: 269.891 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.67 Mbit/s

95th percentile per-packet one-way delay: 270.387 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.95 Mbit/s

95th percentile per-packet one-way delay: 94.295 ms

Loss rate: 0.00%

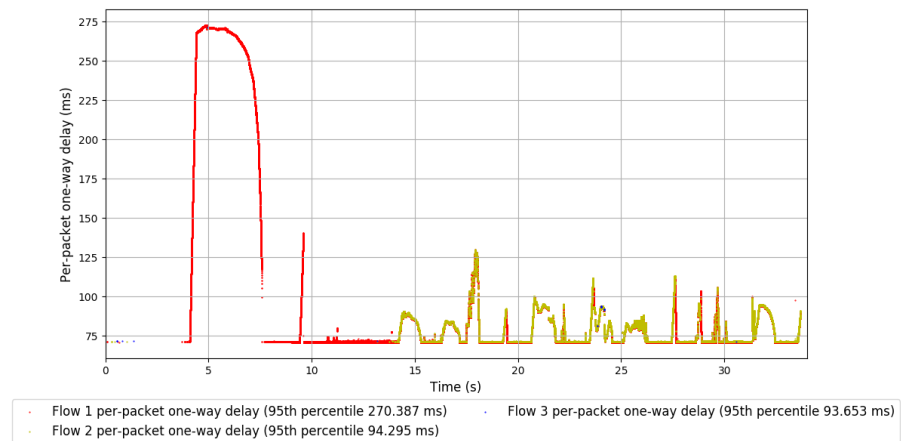
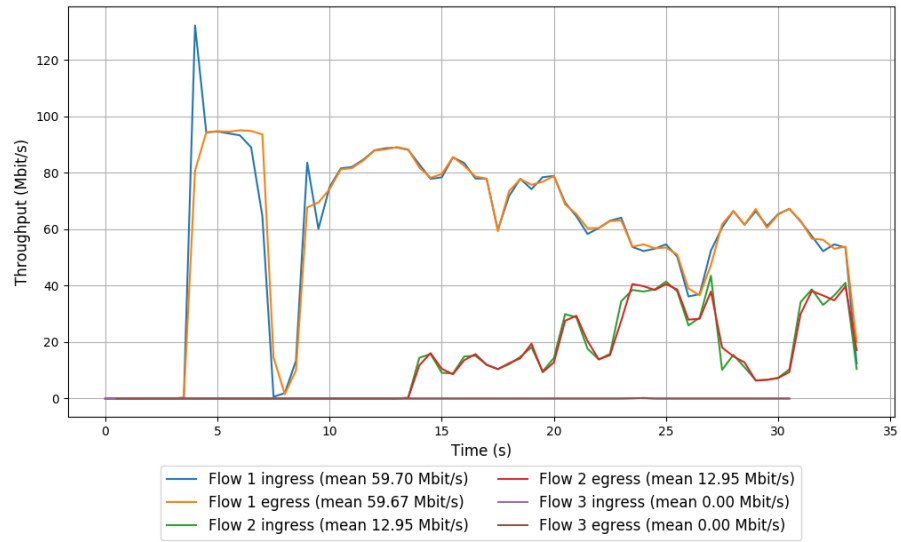
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 93.653 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 09:20:46 +0000

End at: Sat, 01 Jul 2017 09:21:16 +0000

Local clock offset: 0.225 ms

Remote clock offset: -15.761 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 389.289 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 62.19 Mbit/s

95th percentile per-packet one-way delay: 361.633 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.99 Mbit/s

95th percentile per-packet one-way delay: 432.160 ms

Loss rate: 0.00%

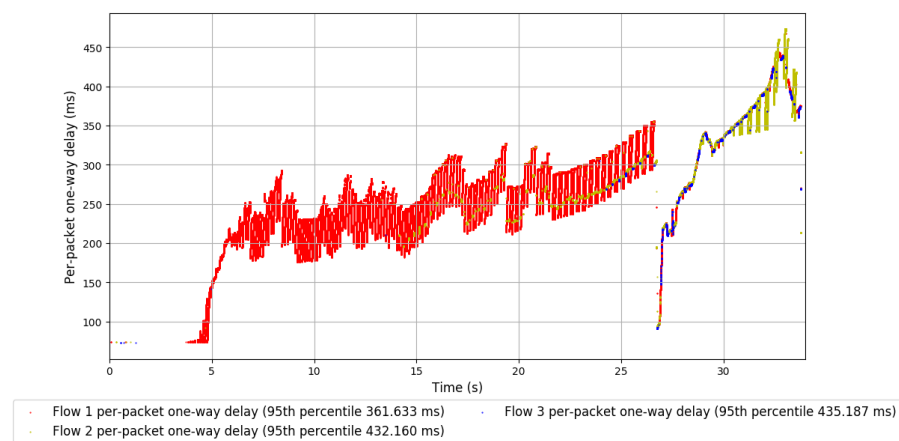
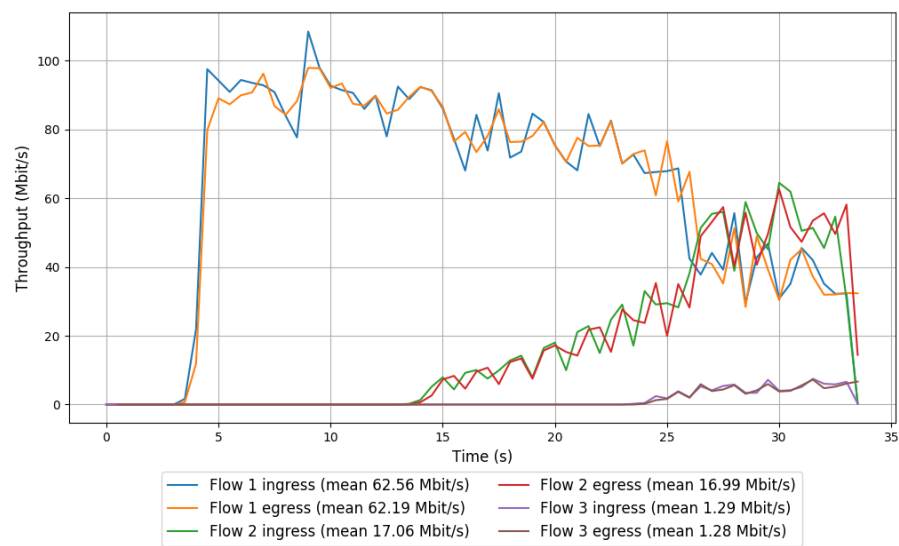
-- Flow 3:

Average throughput: 1.28 Mbit/s

95th percentile per-packet one-way delay: 435.187 ms

Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 09:39:30 +0000

End at: Sat, 01 Jul 2017 09:40:00 +0000

Local clock offset: 0.162 ms

Remote clock offset: -15.0 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.02 Mbit/s

95th percentile per-packet one-way delay: 456.688 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 57.05 Mbit/s

95th percentile per-packet one-way delay: 443.816 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 23.35 Mbit/s

95th percentile per-packet one-way delay: 474.613 ms

Loss rate: 0.00%

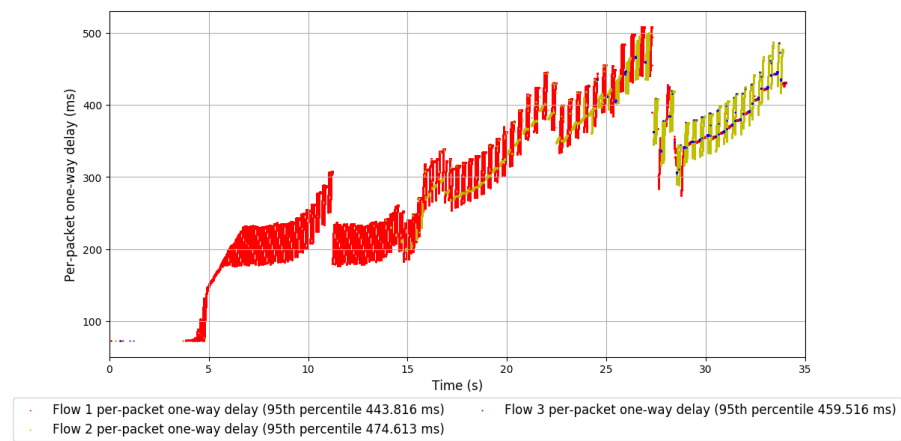
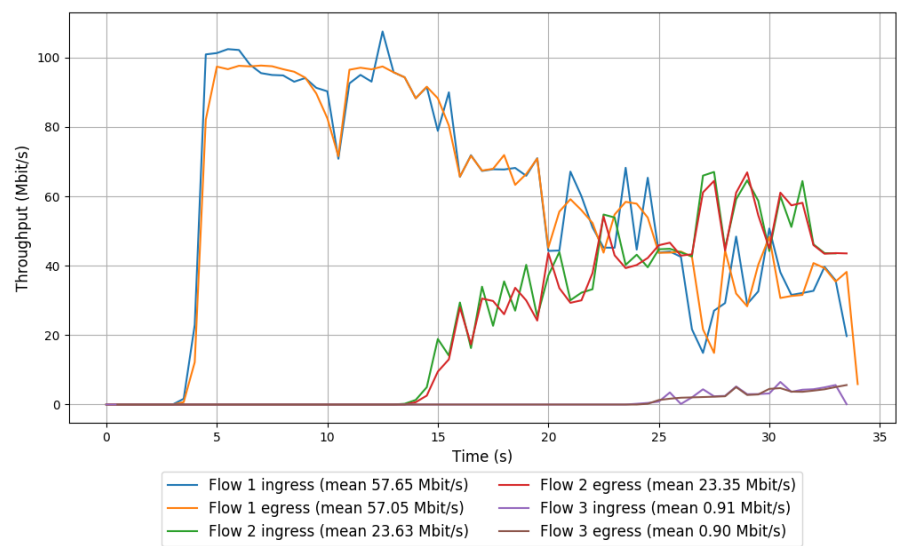
-- Flow 3:

Average throughput: 0.90 Mbit/s

95th percentile per-packet one-way delay: 459.516 ms

Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 09:58:08 +0000

End at: Sat, 01 Jul 2017 09:58:38 +0000

Local clock offset: 0.263 ms

Remote clock offset: -14.259 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 338.121 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 62.35 Mbit/s

95th percentile per-packet one-way delay: 338.254 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.10 Mbit/s

95th percentile per-packet one-way delay: 336.339 ms

Loss rate: 0.03%

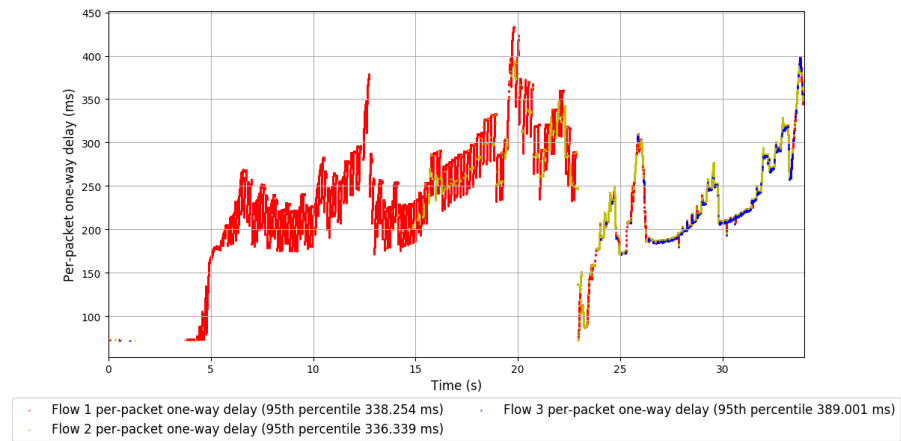
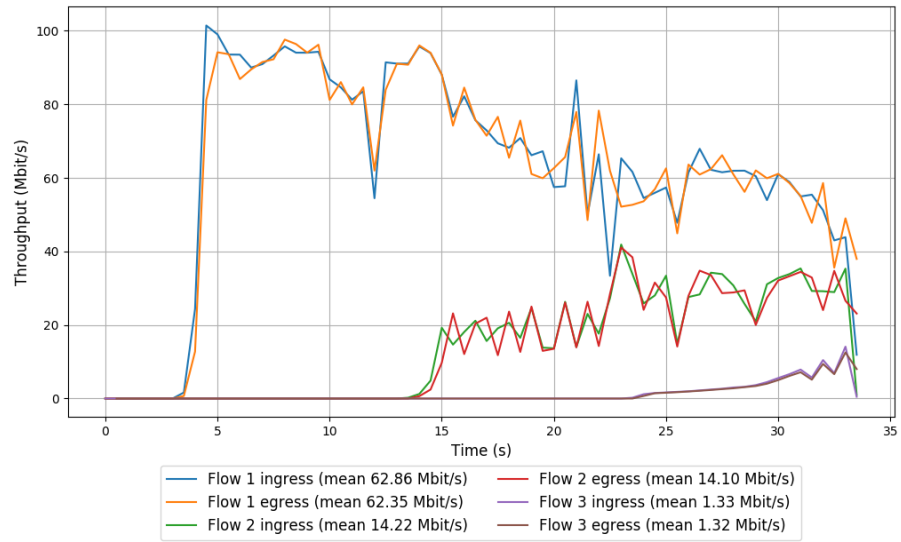
-- Flow 3:

Average throughput: 1.32 Mbit/s

95th percentile per-packet one-way delay: 389.001 ms

Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 10:16:43 +0000

End at: Sat, 01 Jul 2017 10:17:13 +0000

Local clock offset: 0.297 ms

Remote clock offset: -15.939 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.35 Mbit/s

95th percentile per-packet one-way delay: 382.088 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 66.86 Mbit/s

95th percentile per-packet one-way delay: 346.106 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 13.57 Mbit/s

95th percentile per-packet one-way delay: 417.971 ms

Loss rate: 0.00%

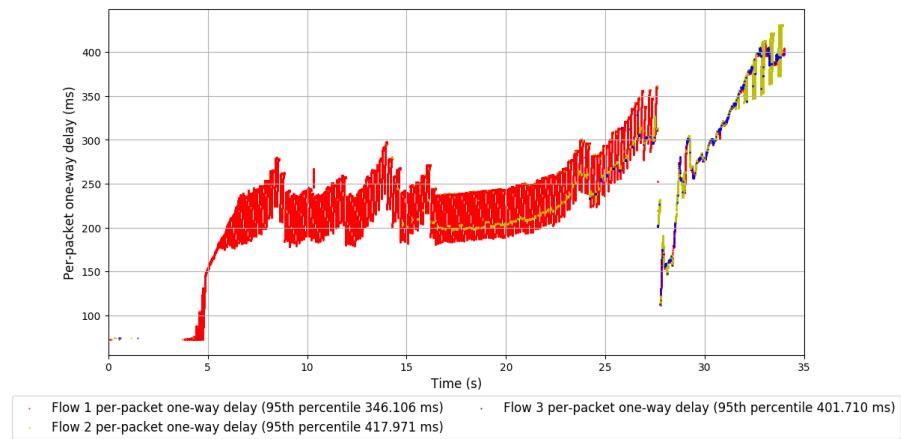
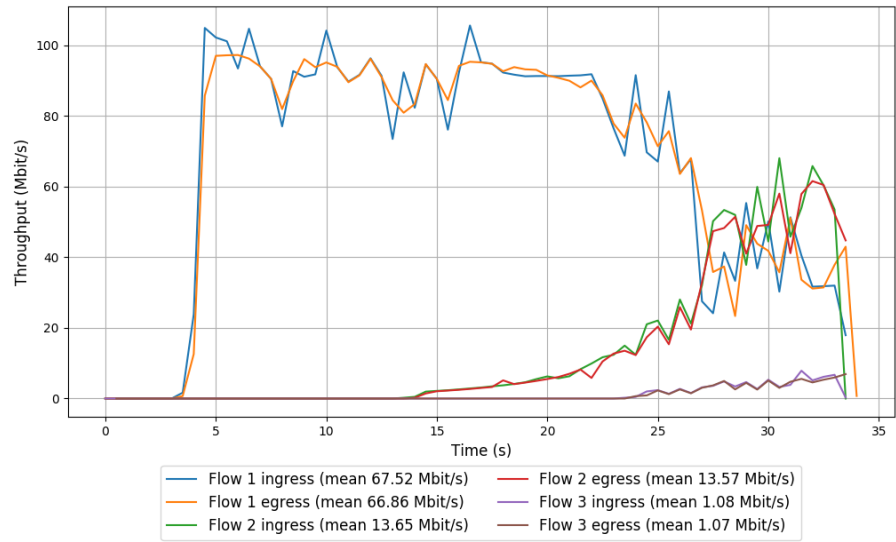
-- Flow 3:

Average throughput: 1.07 Mbit/s

95th percentile per-packet one-way delay: 401.710 ms

Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 10:35:20 +0000

End at: Sat, 01 Jul 2017 10:35:50 +0000

Local clock offset: 0.324 ms

Remote clock offset: -17.044 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.52 Mbit/s

95th percentile per-packet one-way delay: 478.762 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 52.95 Mbit/s

95th percentile per-packet one-way delay: 464.828 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.83 Mbit/s

95th percentile per-packet one-way delay: 491.345 ms

Loss rate: 0.00%

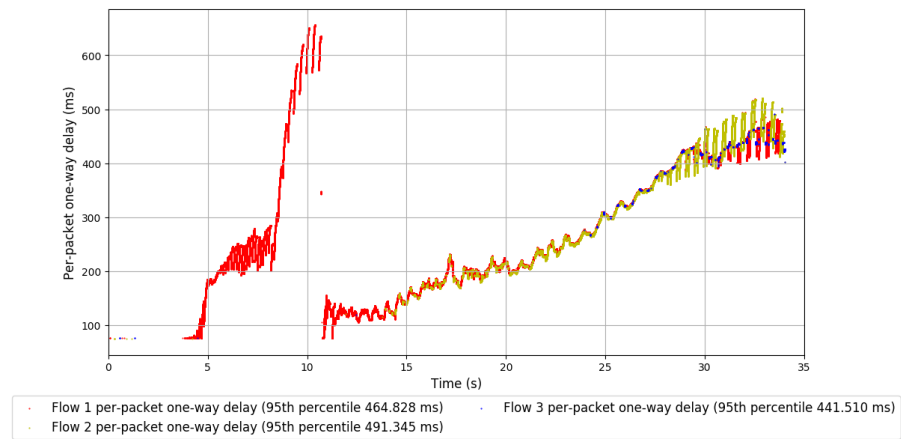
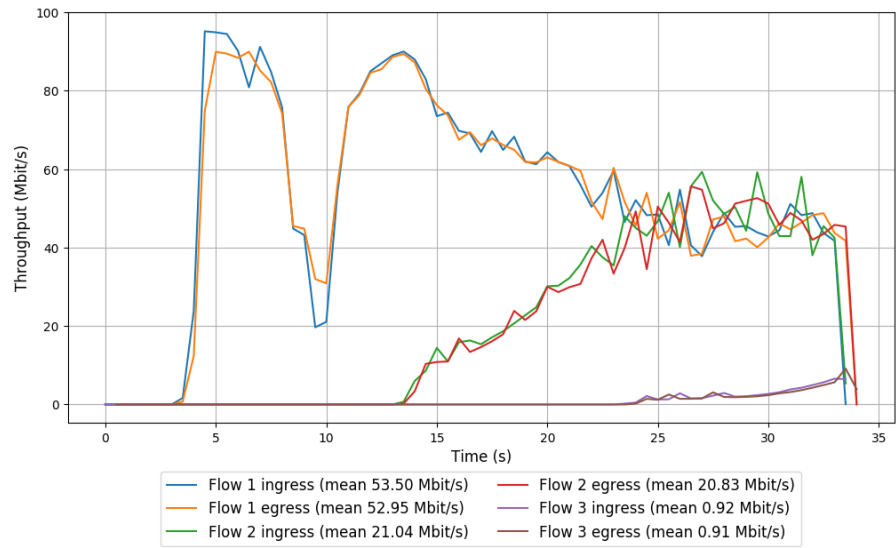
-- Flow 3:

Average throughput: 0.91 Mbit/s

95th percentile per-packet one-way delay: 441.510 ms

Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 10:53:49 +0000

End at: Sat, 01 Jul 2017 10:54:19 +0000

Local clock offset: 0.356 ms

Remote clock offset: -17.526 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:51 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.70 Mbit/s

95th percentile per-packet one-way delay: 409.306 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 58.63 Mbit/s

95th percentile per-packet one-way delay: 389.327 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 22.40 Mbit/s

95th percentile per-packet one-way delay: 426.720 ms

Loss rate: 0.00%

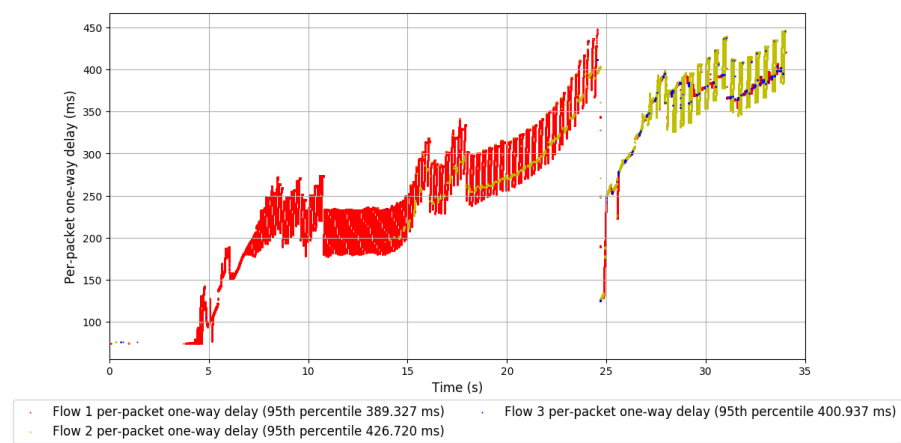
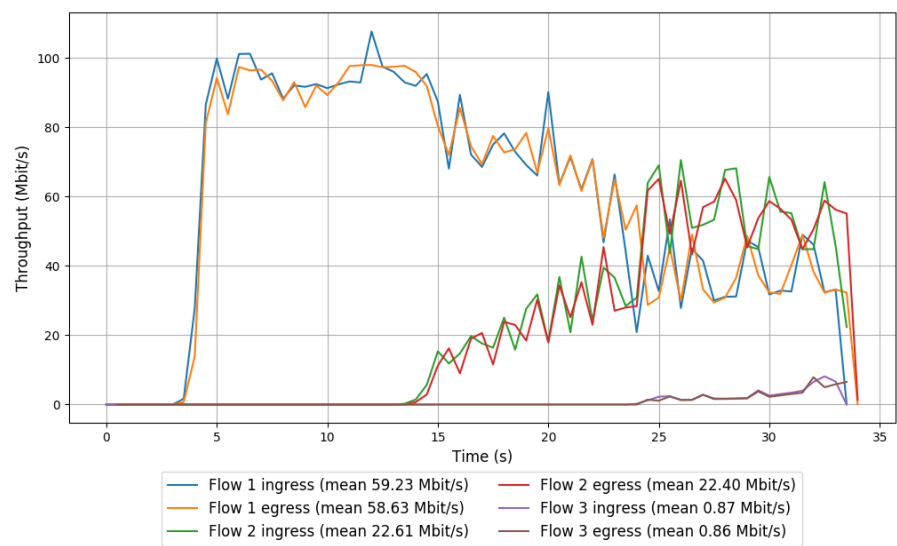
-- Flow 3:

Average throughput: 0.86 Mbit/s

95th percentile per-packet one-way delay: 400.937 ms

Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 11:12:23 +0000

End at: Sat, 01 Jul 2017 11:12:53 +0000

Local clock offset: 0.425 ms

Remote clock offset: -18.83 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:07:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.52 Mbit/s

95th percentile per-packet one-way delay: 405.354 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 60.60 Mbit/s

95th percentile per-packet one-way delay: 387.109 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 23.20 Mbit/s

95th percentile per-packet one-way delay: 422.131 ms

Loss rate: 0.00%

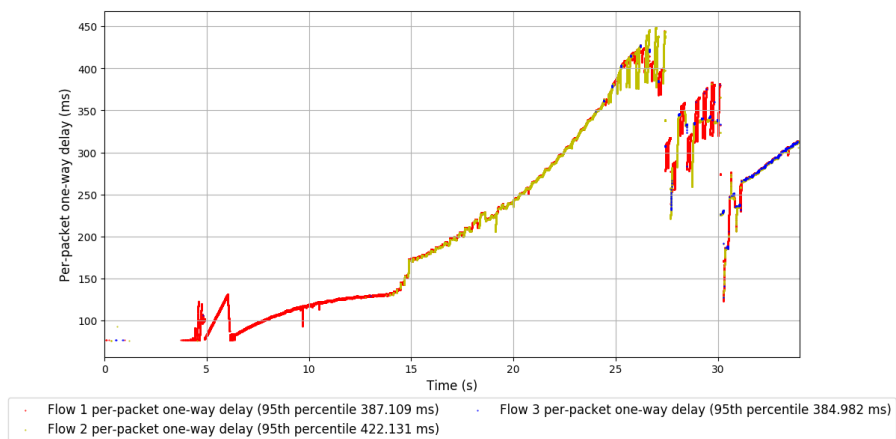
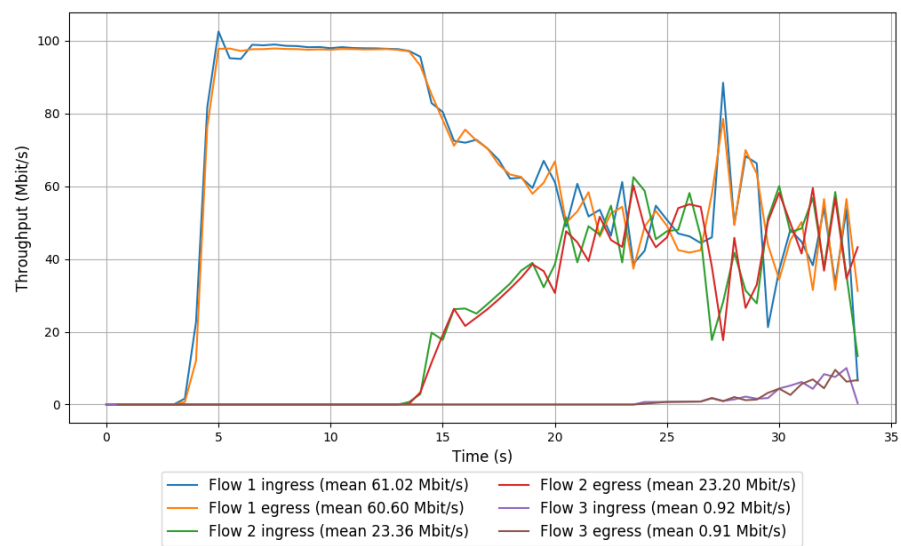
-- Flow 3:

Average throughput: 0.91 Mbit/s

95th percentile per-packet one-way delay: 384.982 ms

Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 11:30:56 +0000

End at: Sat, 01 Jul 2017 11:31:26 +0000

Local clock offset: 0.451 ms

Remote clock offset: -15.84 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.68 Mbit/s

95th percentile per-packet one-way delay: 435.468 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 56.00 Mbit/s

95th percentile per-packet one-way delay: 423.848 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 25.19 Mbit/s

95th percentile per-packet one-way delay: 443.715 ms

Loss rate: 0.06%

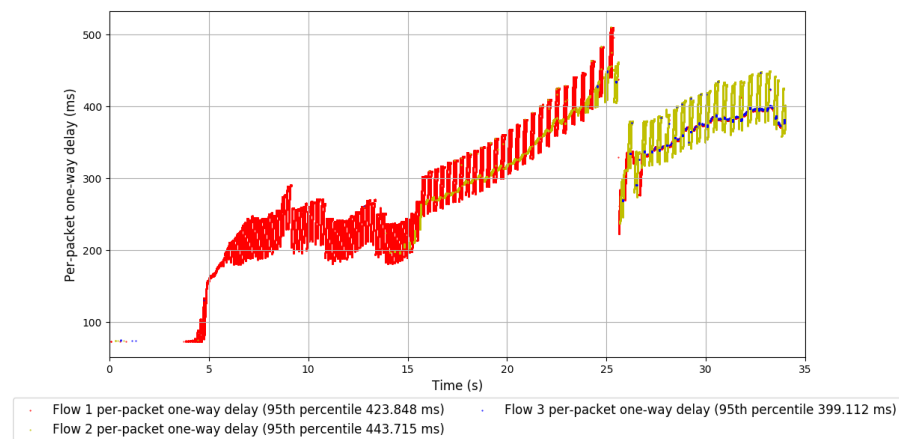
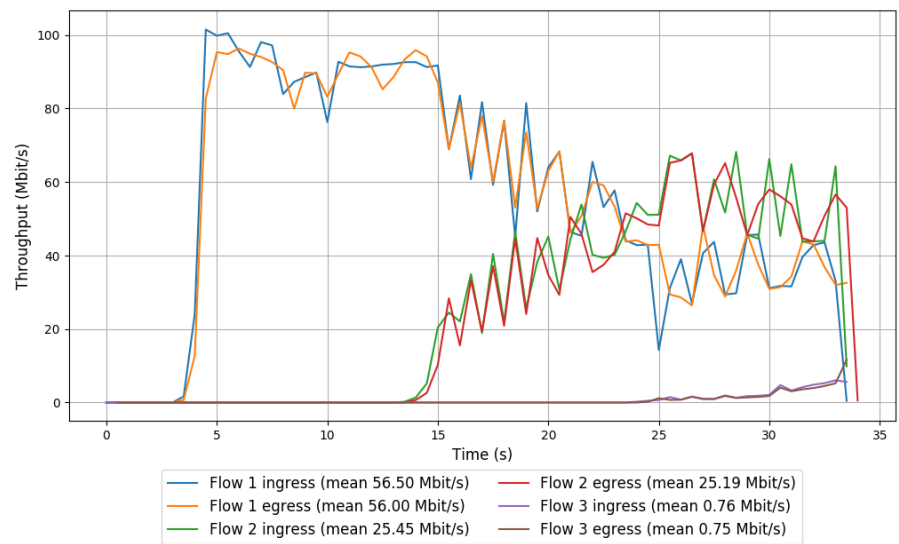
-- Flow 3:

Average throughput: 0.75 Mbit/s

95th percentile per-packet one-way delay: 399.112 ms

Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 11:49:32 +0000

End at: Sat, 01 Jul 2017 11:50:02 +0000

Local clock offset: 0.466 ms

Remote clock offset: -13.27 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.53 Mbit/s

95th percentile per-packet one-way delay: 406.368 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 62.10 Mbit/s

95th percentile per-packet one-way delay: 375.555 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 16.56 Mbit/s

95th percentile per-packet one-way delay: 450.535 ms

Loss rate: 0.00%

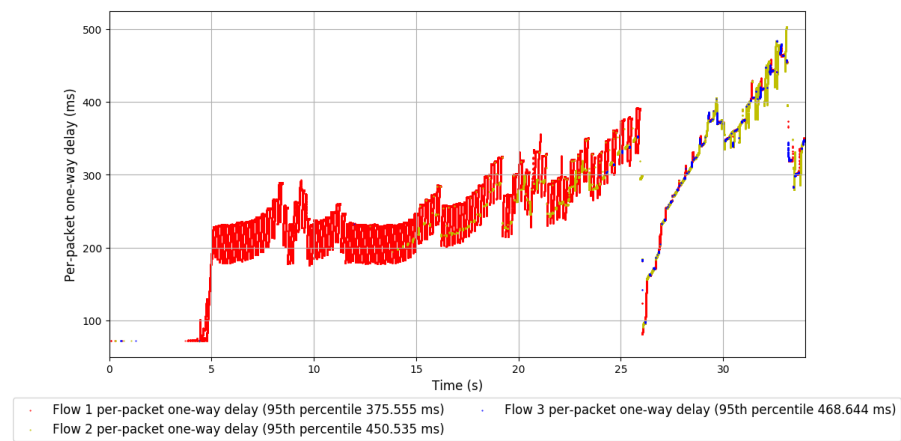
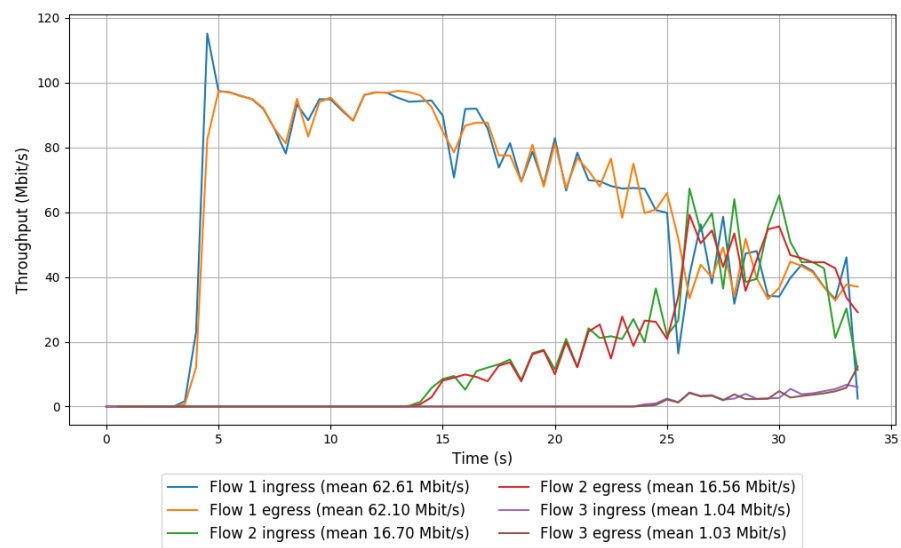
-- Flow 3:

Average throughput: 1.03 Mbit/s

95th percentile per-packet one-way delay: 468.644 ms

Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Sat, 01 Jul 2017 12:08:08 +0000

End at: Sat, 01 Jul 2017 12:08:38 +0000

Local clock offset: 0.494 ms

Remote clock offset: -11.586 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.40 Mbit/s

95th percentile per-packet one-way delay: 424.776 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.37 Mbit/s

95th percentile per-packet one-way delay: 413.966 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.22 Mbit/s

95th percentile per-packet one-way delay: 434.247 ms

Loss rate: 0.00%

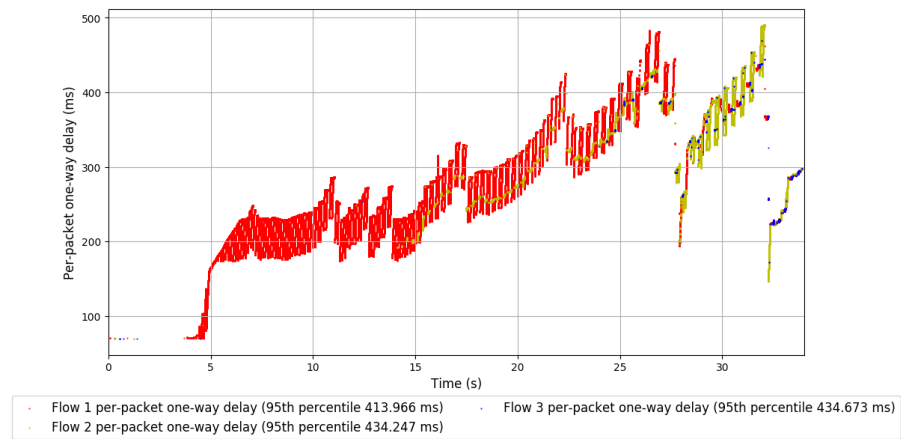
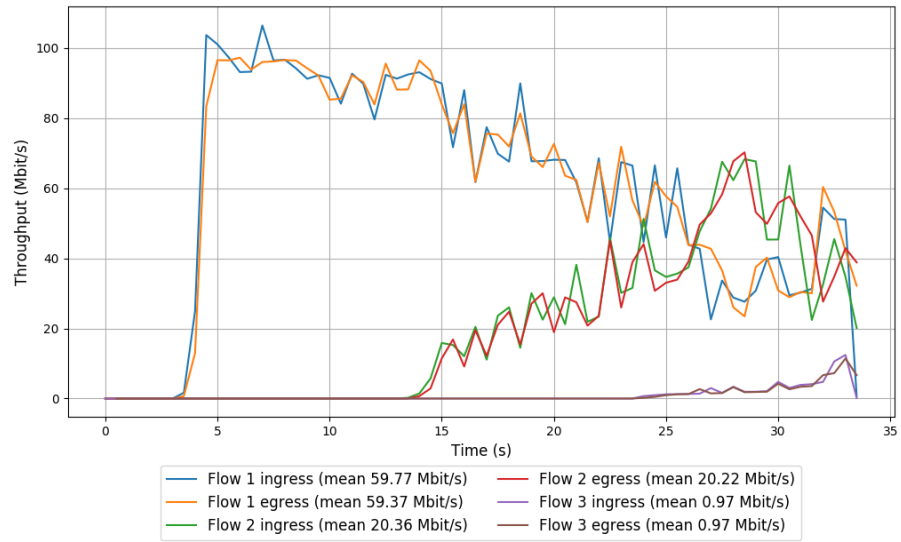
-- Flow 3:

Average throughput: 0.97 Mbit/s

95th percentile per-packet one-way delay: 434.673 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 09:18:19 +0000

End at: Sat, 01 Jul 2017 09:18:49 +0000

Local clock offset: 0.132 ms

Remote clock offset: -15.334 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 17.98 Mbit/s

95th percentile per-packet one-way delay: 74.565 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.04 Mbit/s

95th percentile per-packet one-way delay: 74.642 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.05 Mbit/s

95th percentile per-packet one-way delay: 73.518 ms

Loss rate: 0.00%

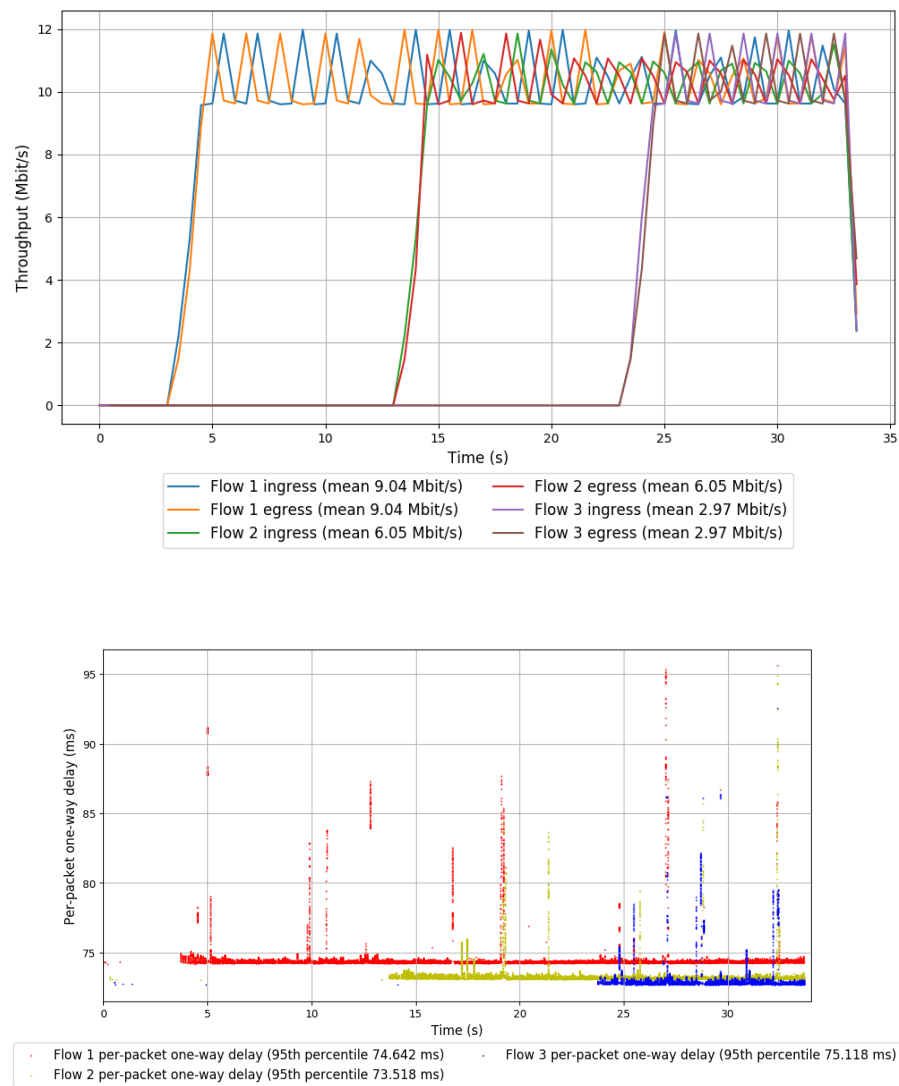
-- Flow 3:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 75.118 ms

Loss rate: 0.00%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 09:37:04 +0000

End at: Sat, 01 Jul 2017 09:37:34 +0000

Local clock offset: 0.227 ms

Remote clock offset: -15.481 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 17.97 Mbit/s

95th percentile per-packet one-way delay: 73.836 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 73.892 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.05 Mbit/s

95th percentile per-packet one-way delay: 73.703 ms

Loss rate: 0.00%

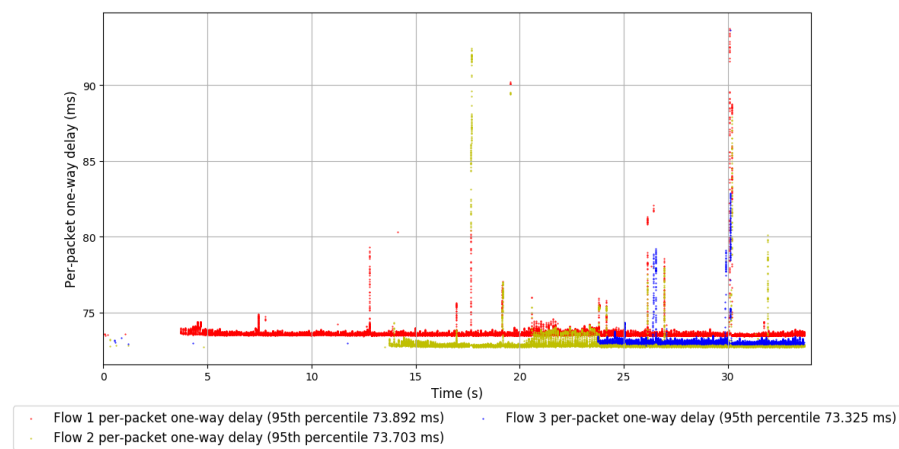
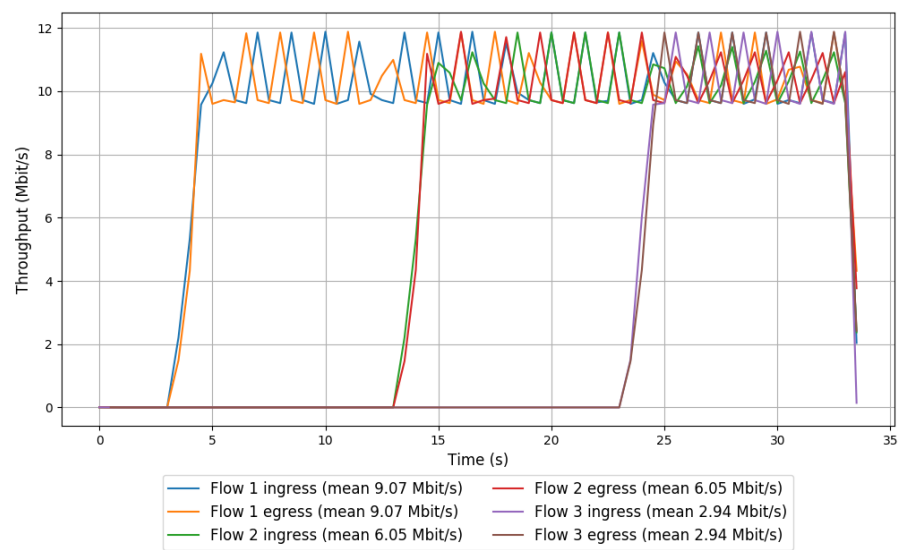
-- Flow 3:

Average throughput: 2.94 Mbit/s

95th percentile per-packet one-way delay: 73.325 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 09:55:41 +0000

End at: Sat, 01 Jul 2017 09:56:11 +0000

Local clock offset: 0.17 ms

Remote clock offset: -14.551 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.12 Mbit/s

95th percentile per-packet one-way delay: 72.708 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.11 Mbit/s

95th percentile per-packet one-way delay: 72.769 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.12 Mbit/s

95th percentile per-packet one-way delay: 71.872 ms

Loss rate: 0.00%

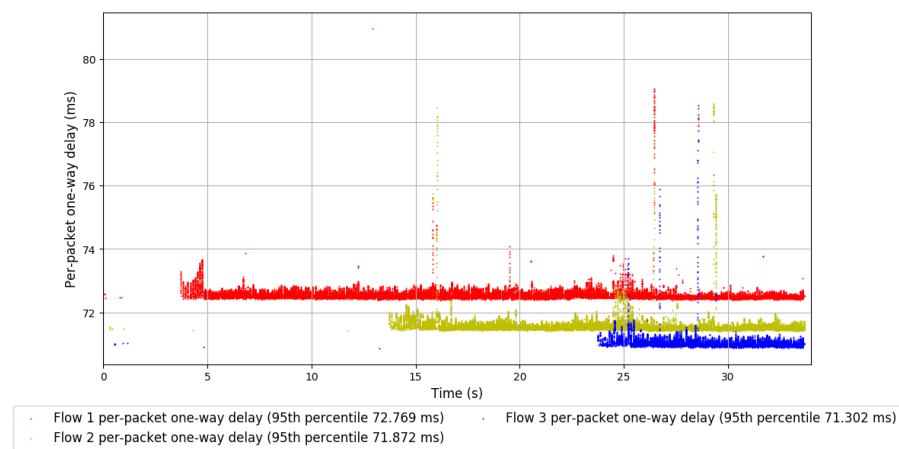
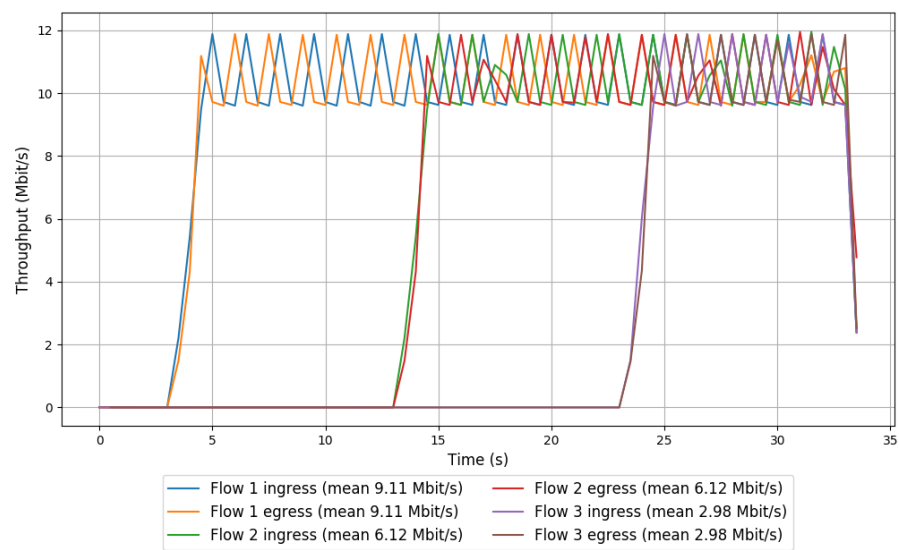
-- Flow 3:

Average throughput: 2.98 Mbit/s

95th percentile per-packet one-way delay: 71.302 ms

Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 10:14:16 +0000

End at: Sat, 01 Jul 2017 10:14:46 +0000

Local clock offset: 0.293 ms

Remote clock offset: -15.437 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.05 Mbit/s

95th percentile per-packet one-way delay: 74.010 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.19 Mbit/s

95th percentile per-packet one-way delay: 72.886 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.01 Mbit/s

95th percentile per-packet one-way delay: 74.088 ms

Loss rate: 0.00%

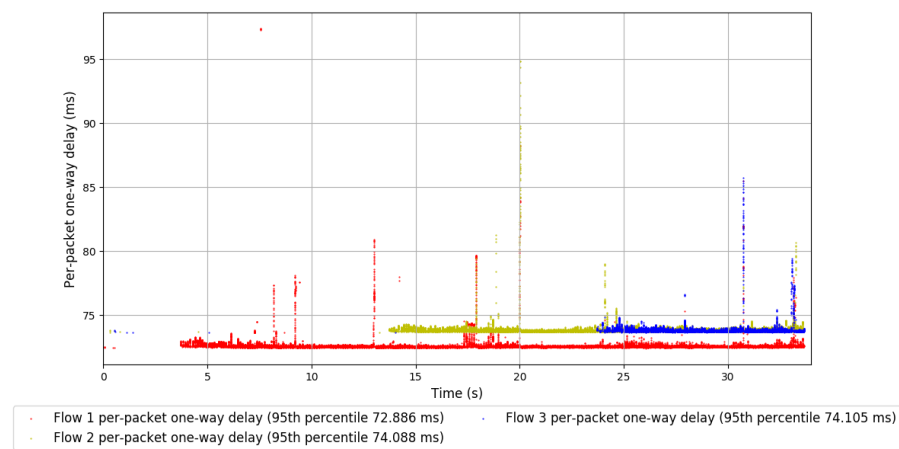
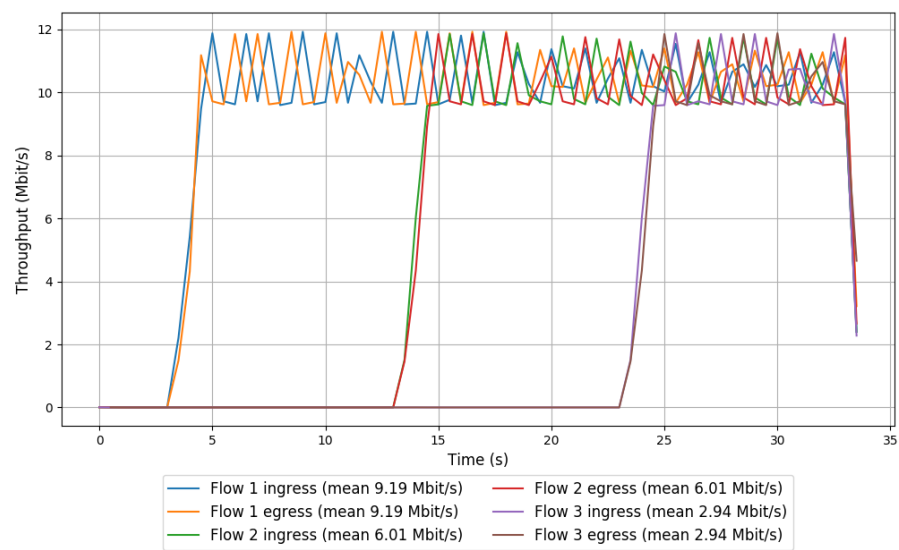
-- Flow 3:

Average throughput: 2.94 Mbit/s

95th percentile per-packet one-way delay: 74.105 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 10:32:53 +0000

End at: Sat, 01 Jul 2017 10:33:23 +0000

Local clock offset: 0.244 ms

Remote clock offset: -17.167 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.08 Mbit/s

95th percentile per-packet one-way delay: 75.113 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.11 Mbit/s

95th percentile per-packet one-way delay: 75.083 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.08 Mbit/s

95th percentile per-packet one-way delay: 74.477 ms

Loss rate: 0.00%

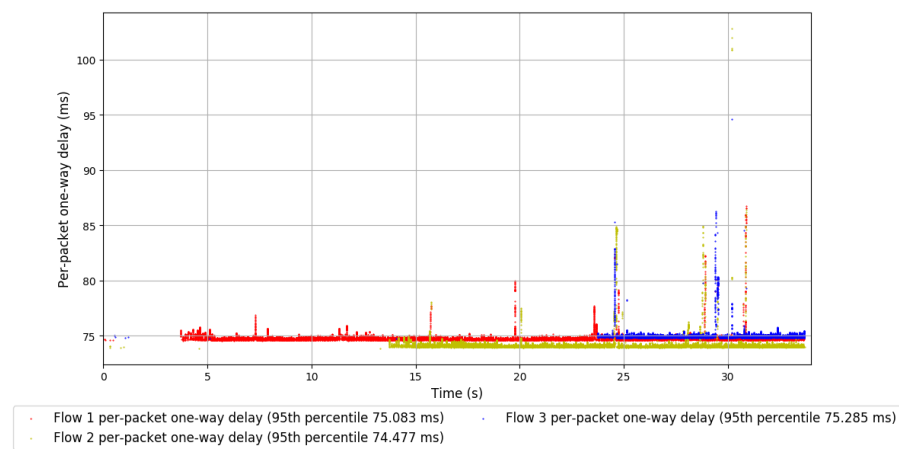
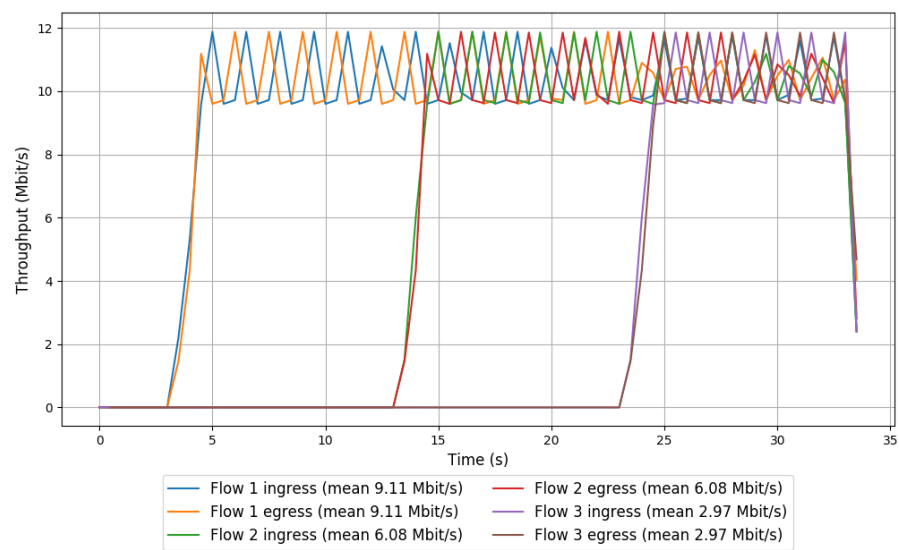
-- Flow 3:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 75.285 ms

Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 10:51:23 +0000

End at: Sat, 01 Jul 2017 10:51:53 +0000

Local clock offset: 0.295 ms

Remote clock offset: -17.4 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 17.91 Mbit/s

95th percentile per-packet one-way delay: 76.313 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.08 Mbit/s

95th percentile per-packet one-way delay: 75.810 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.02 Mbit/s

95th percentile per-packet one-way delay: 76.323 ms

Loss rate: 0.00%

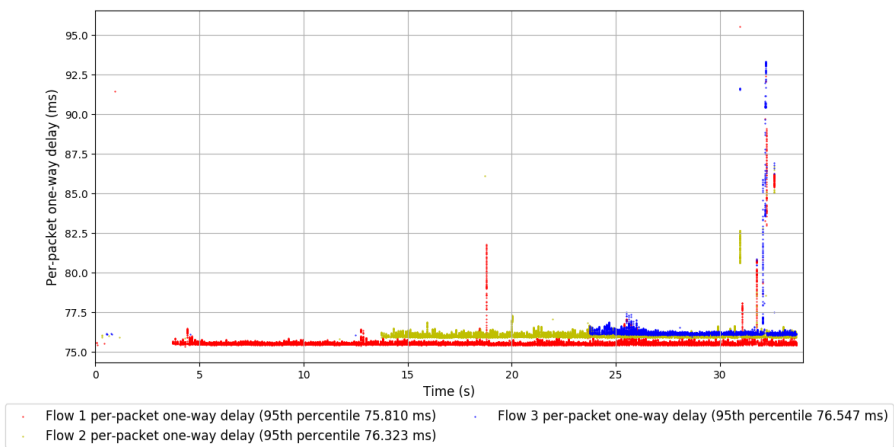
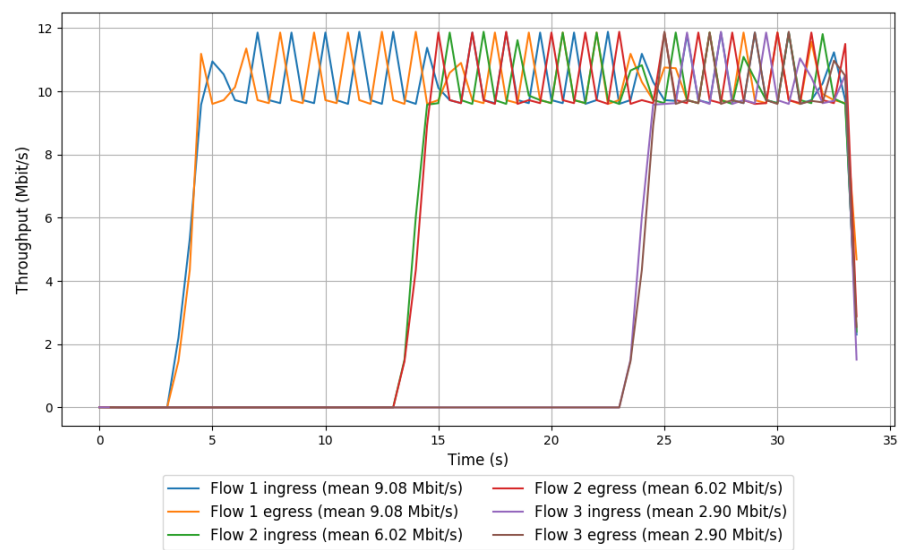
-- Flow 3:

Average throughput: 2.90 Mbit/s

95th percentile per-packet one-way delay: 76.547 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 11:09:56 +0000

End at: Sat, 01 Jul 2017 11:10:26 +0000

Local clock offset: 0.414 ms

Remote clock offset: -19.011 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.02 Mbit/s

95th percentile per-packet one-way delay: 77.572 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 76.904 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.02 Mbit/s

95th percentile per-packet one-way delay: 77.438 ms

Loss rate: 0.00%

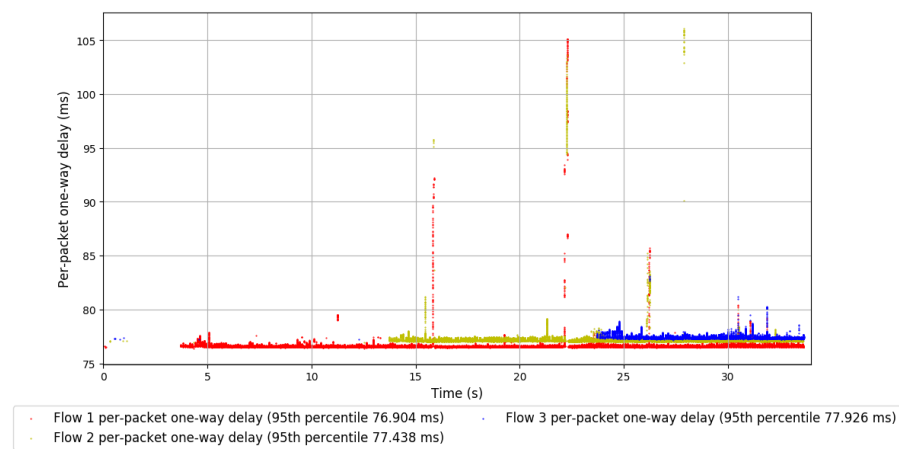
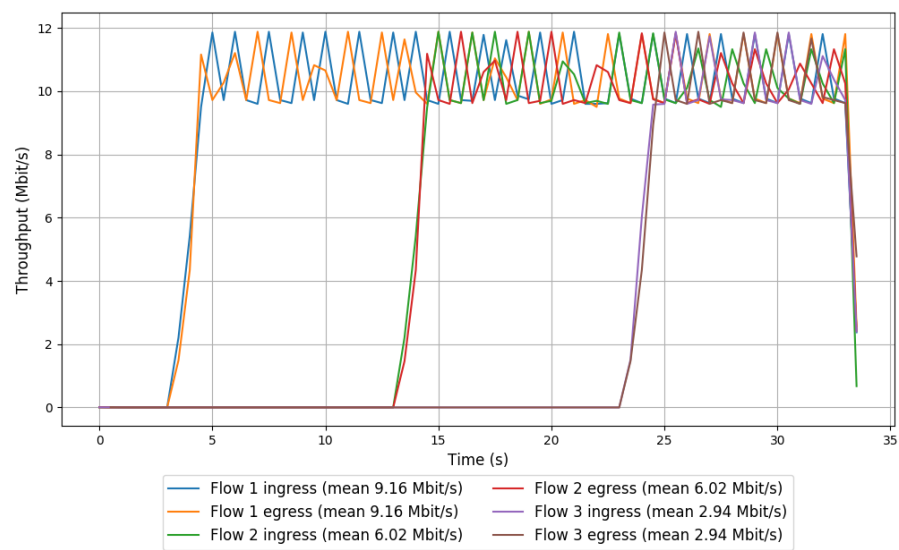
-- Flow 3:

Average throughput: 2.94 Mbit/s

95th percentile per-packet one-way delay: 77.926 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 11:28:30 +0000

End at: Sat, 01 Jul 2017 11:29:00 +0000

Local clock offset: 0.506 ms

Remote clock offset: -15.625 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 17.96 Mbit/s

95th percentile per-packet one-way delay: 74.521 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.06 Mbit/s

95th percentile per-packet one-way delay: 74.331 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.01 Mbit/s

95th percentile per-packet one-way delay: 74.642 ms

Loss rate: 0.00%

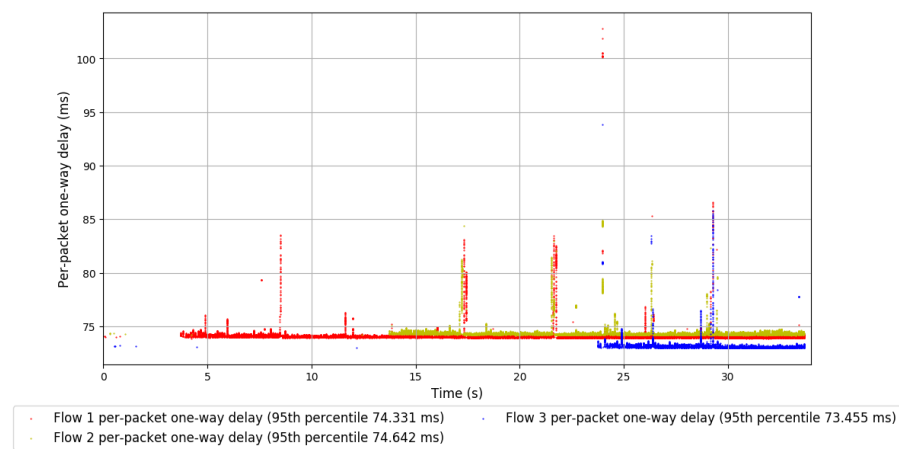
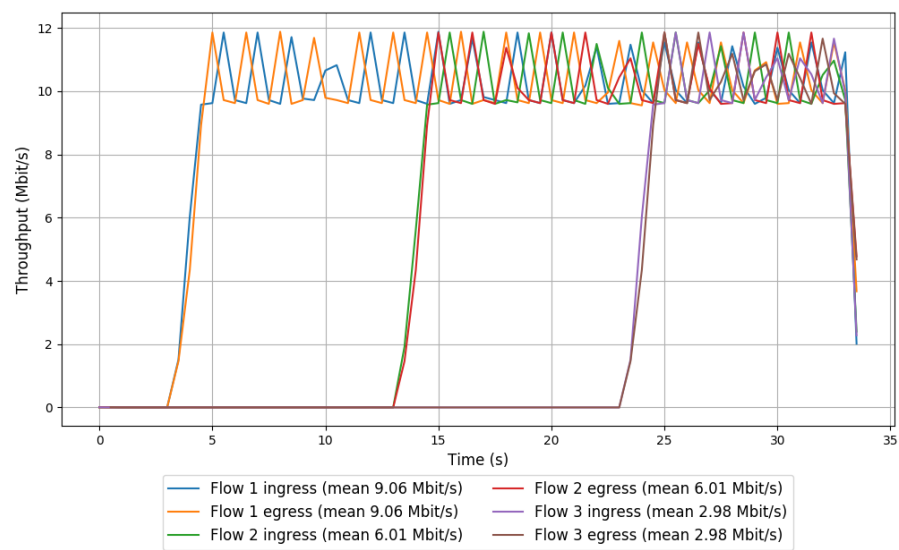
-- Flow 3:

Average throughput: 2.98 Mbit/s

95th percentile per-packet one-way delay: 73.455 ms

Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 11:47:07 +0000

End at: Sat, 01 Jul 2017 11:47:37 +0000

Local clock offset: 0.495 ms

Remote clock offset: -13.425 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 72.574 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.03 Mbit/s

95th percentile per-packet one-way delay: 5141.199 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 7.09 Mbit/s

95th percentile per-packet one-way delay: 72.463 ms

Loss rate: 0.00%

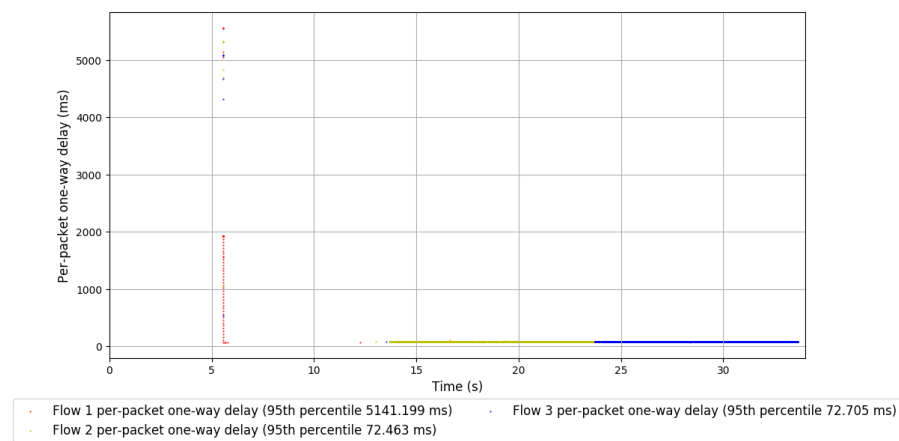
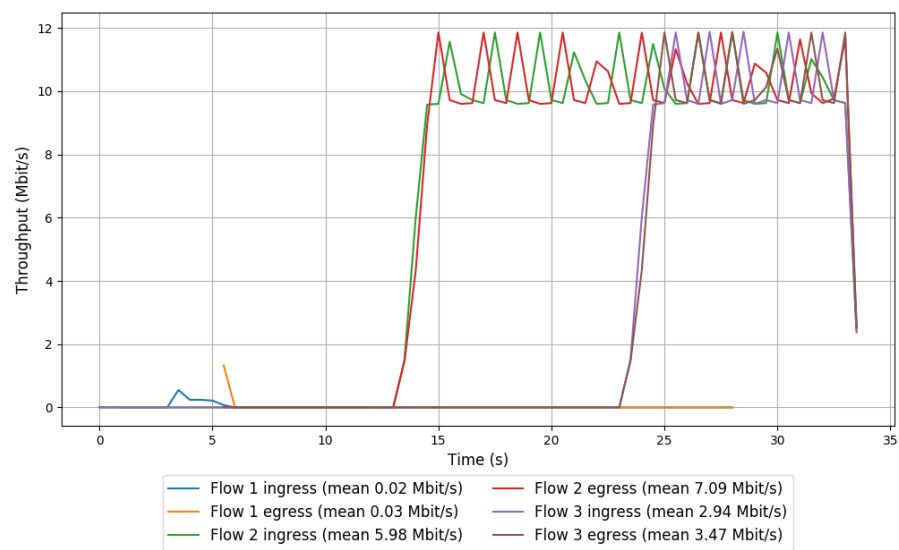
-- Flow 3:

Average throughput: 3.47 Mbit/s

95th percentile per-packet one-way delay: 72.705 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 12:05:41 +0000

End at: Sat, 01 Jul 2017 12:06:11 +0000

Local clock offset: 0.446 ms

Remote clock offset: -11.959 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:34 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 18.08 Mbit/s

95th percentile per-packet one-way delay: 69.794 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 9.10 Mbit/s

95th percentile per-packet one-way delay: 69.796 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.09 Mbit/s

95th percentile per-packet one-way delay: 69.811 ms

Loss rate: 0.00%

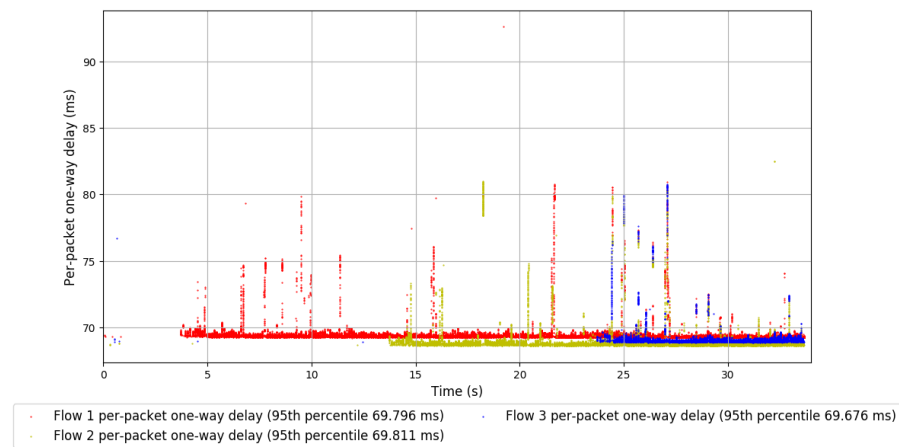
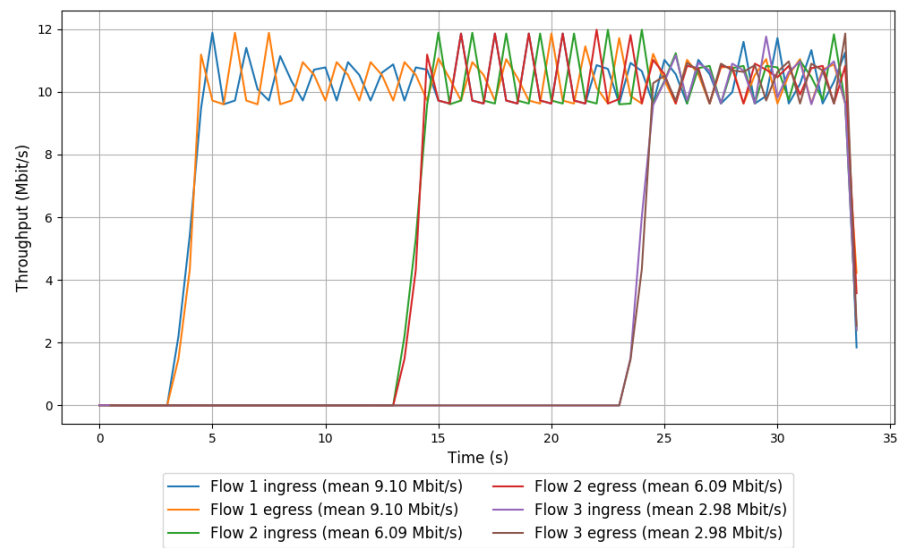
-- Flow 3:

Average throughput: 2.98 Mbit/s

95th percentile per-packet one-way delay: 69.676 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 09:13:26 +0000

End at: Sat, 01 Jul 2017 09:13:56 +0000

Local clock offset: 0.181 ms

Remote clock offset: -14.73 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.05 Mbit/s

95th percentile per-packet one-way delay: 92.413 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.57 Mbit/s

95th percentile per-packet one-way delay: 90.754 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.24 Mbit/s

95th percentile per-packet one-way delay: 94.672 ms

Loss rate: 0.00%

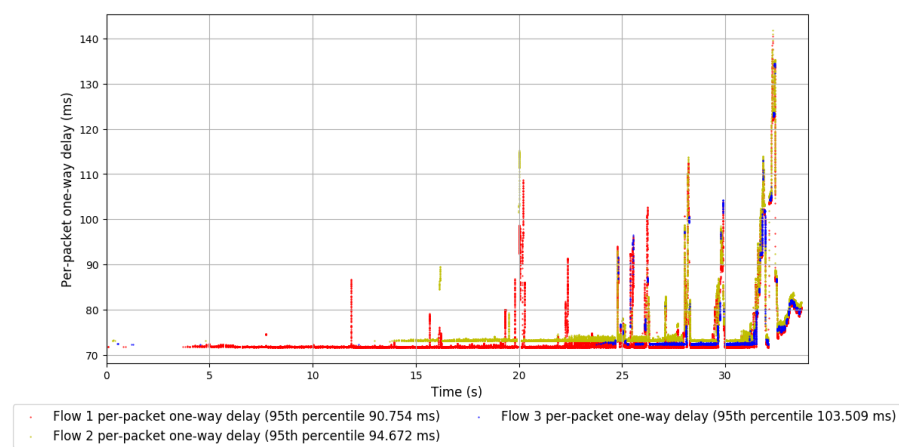
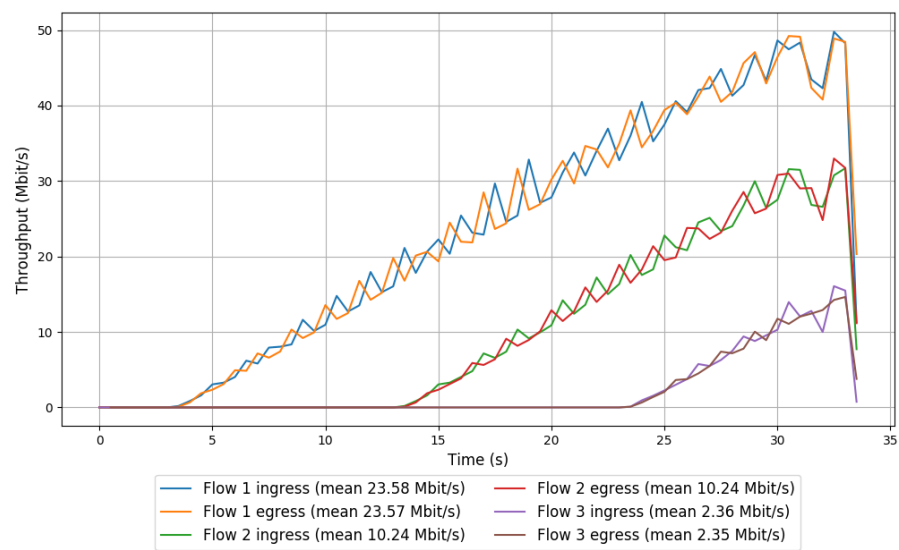
-- Flow 3:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 103.509 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 09:32:09 +0000

End at: Sat, 01 Jul 2017 09:32:39 +0000

Local clock offset: 0.201 ms

Remote clock offset: -15.962 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.21 Mbit/s

95th percentile per-packet one-way delay: 90.524 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.40 Mbit/s

95th percentile per-packet one-way delay: 87.328 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.47 Mbit/s

95th percentile per-packet one-way delay: 92.932 ms

Loss rate: 0.00%

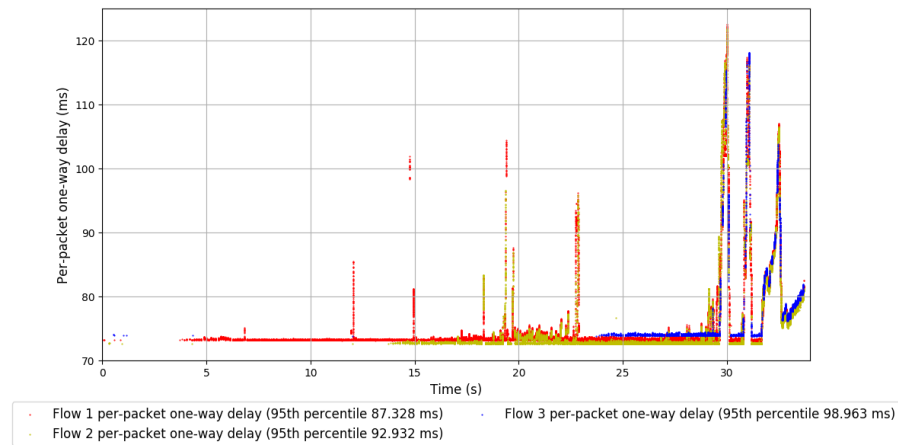
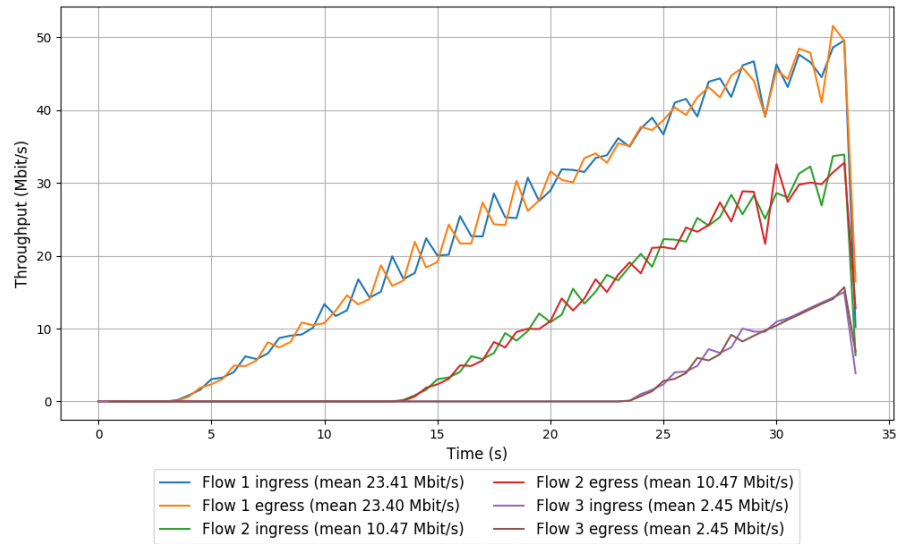
-- Flow 3:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 98.963 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 09:50:48 +0000

End at: Sat, 01 Jul 2017 09:51:18 +0000

Local clock offset: 0.268 ms

Remote clock offset: -14.705 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:44 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.58 Mbit/s

95th percentile per-packet one-way delay: 93.517 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.08 Mbit/s

95th percentile per-packet one-way delay: 91.098 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.22 Mbit/s

95th percentile per-packet one-way delay: 98.895 ms

Loss rate: 0.00%

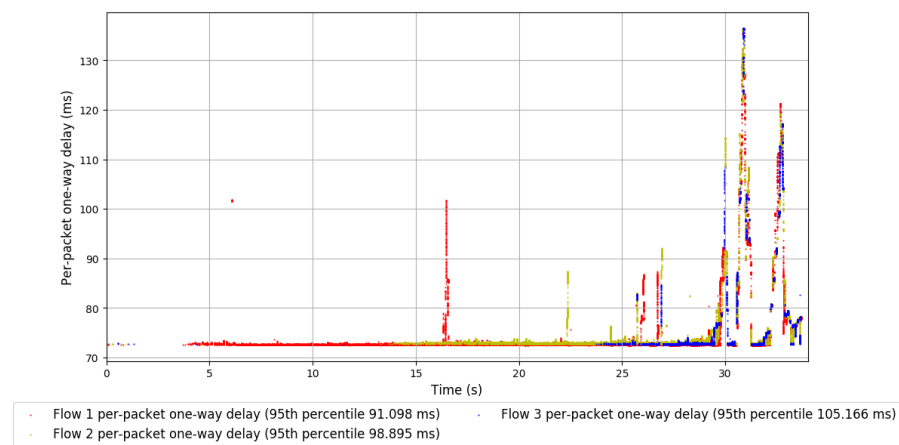
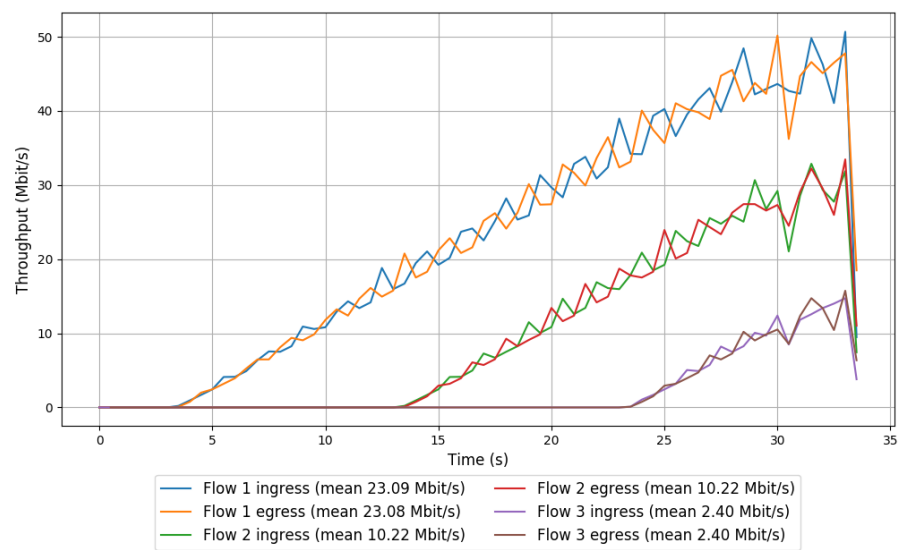
-- Flow 3:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 105.166 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 10:09:21 +0000

End at: Sat, 01 Jul 2017 10:09:51 +0000

Local clock offset: 0.272 ms

Remote clock offset: -14.906 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.68 Mbit/s

95th percentile per-packet one-way delay: 89.994 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.73 Mbit/s

95th percentile per-packet one-way delay: 86.089 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.62 Mbit/s

95th percentile per-packet one-way delay: 90.708 ms

Loss rate: 0.00%

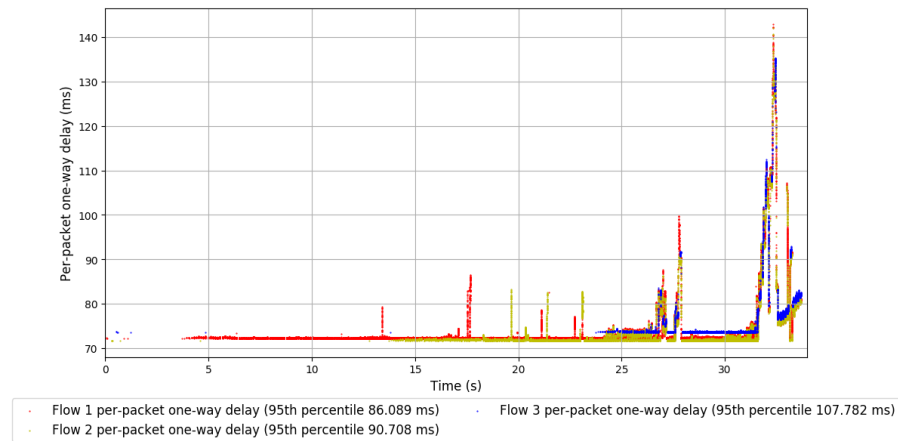
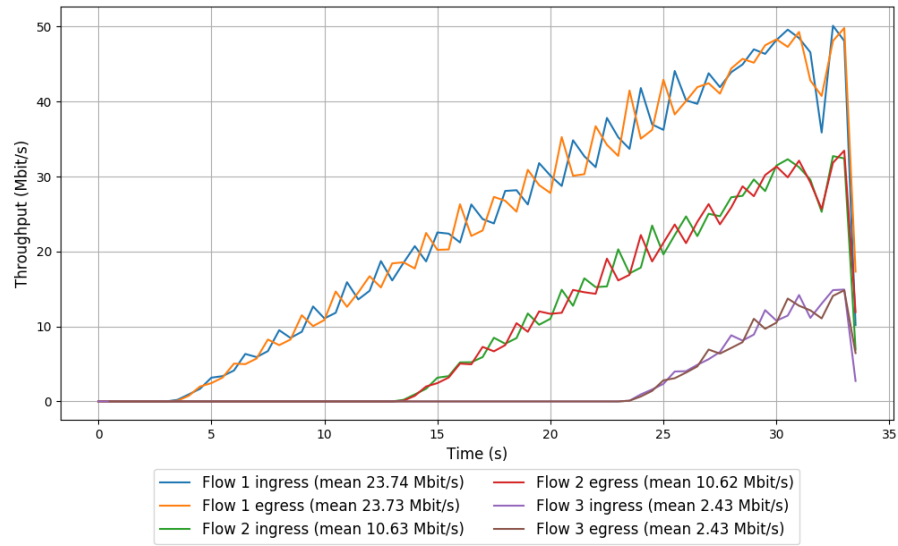
-- Flow 3:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 107.782 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 10:28:01 +0000

End at: Sat, 01 Jul 2017 10:28:31 +0000

Local clock offset: 0.316 ms

Remote clock offset: -16.947 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.61 Mbit/s

95th percentile per-packet one-way delay: 92.728 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 22.90 Mbit/s

95th percentile per-packet one-way delay: 89.985 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.39 Mbit/s

95th percentile per-packet one-way delay: 95.469 ms

Loss rate: 0.00%

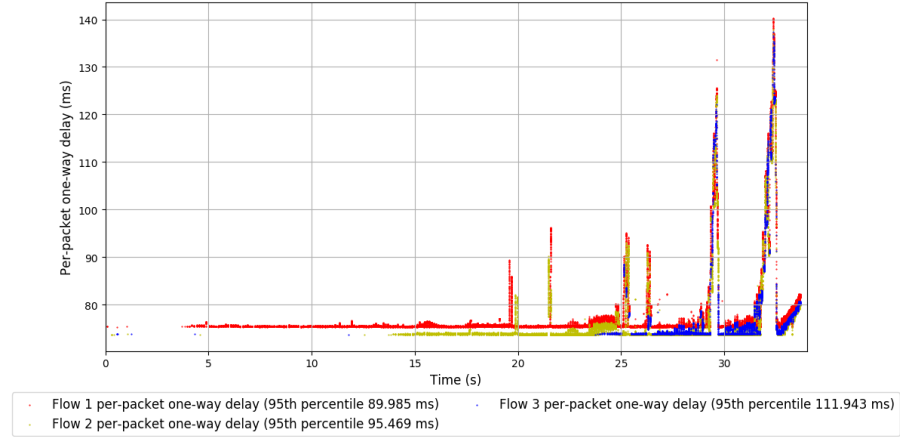
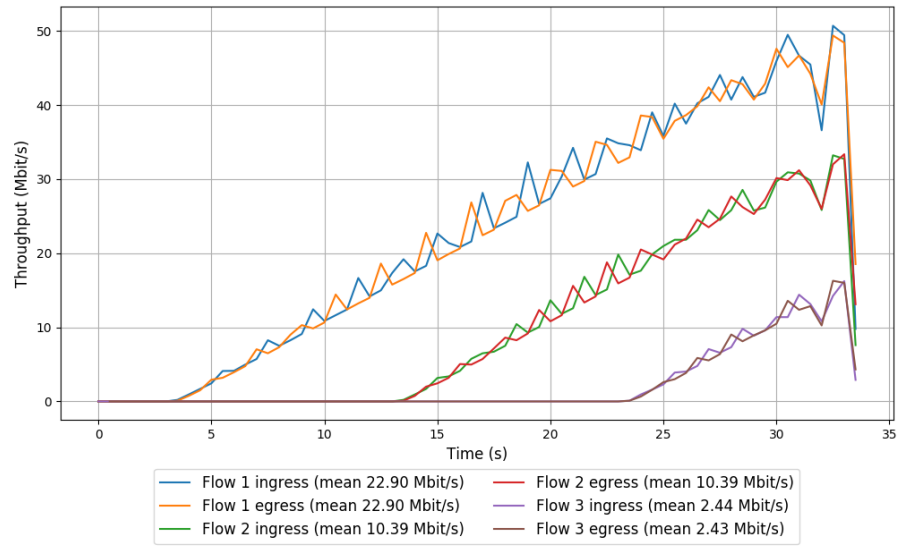
-- Flow 3:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 111.943 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 10:46:28 +0000

End at: Sat, 01 Jul 2017 10:46:58 +0000

Local clock offset: 0.307 ms

Remote clock offset: -17.305 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 28.95 Mbit/s

95th percentile per-packet one-way delay: 128.962 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 18.02 Mbit/s

95th percentile per-packet one-way delay: 120.773 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 9.12 Mbit/s

95th percentile per-packet one-way delay: 130.433 ms

Loss rate: 0.00%

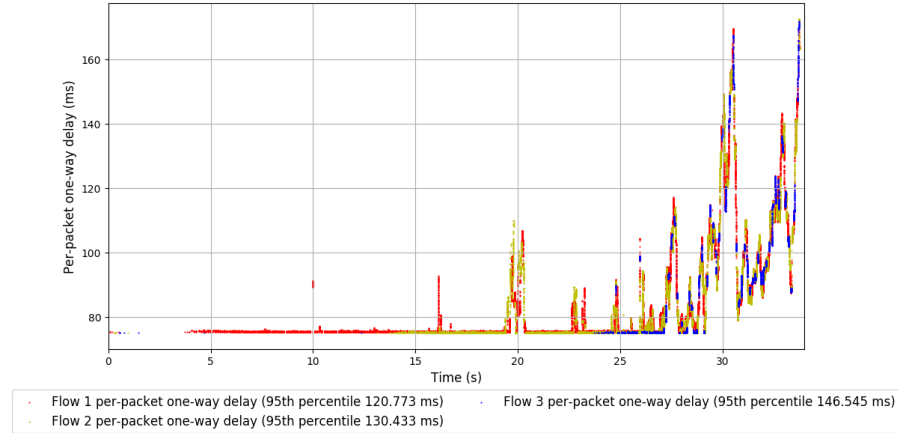
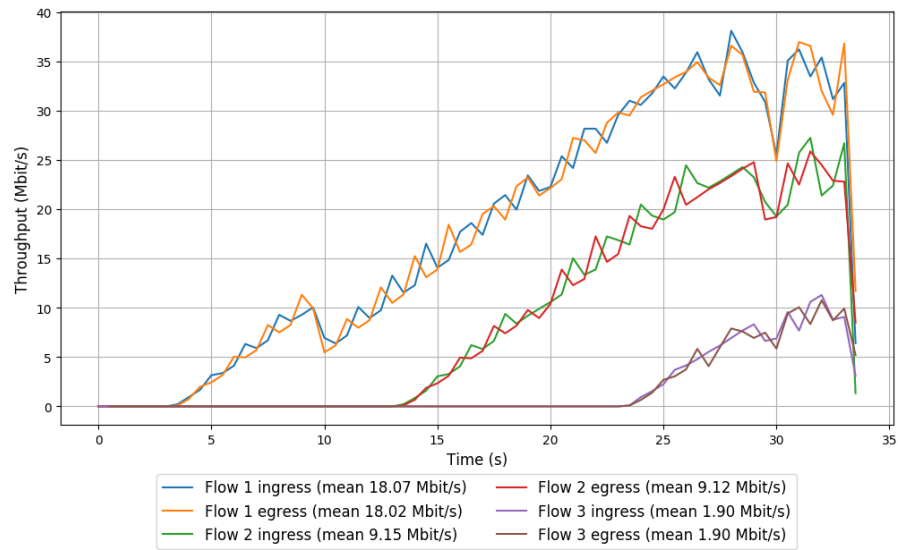
-- Flow 3:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 146.545 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 11:05:02 +0000

End at: Sat, 01 Jul 2017 11:05:32 +0000

Local clock offset: 0.337 ms

Remote clock offset: -18.279 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.16 Mbit/s

95th percentile per-packet one-way delay: 85.444 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.35 Mbit/s

95th percentile per-packet one-way delay: 84.776 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.45 Mbit/s

95th percentile per-packet one-way delay: 89.065 ms

Loss rate: 0.00%

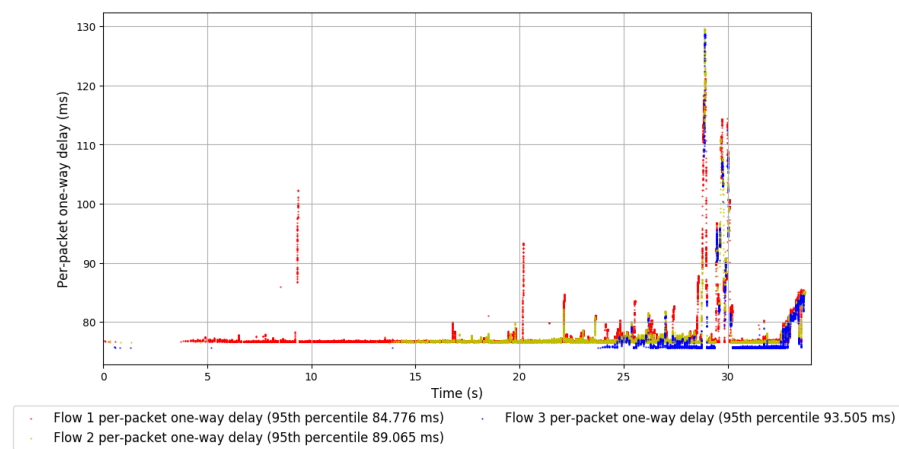
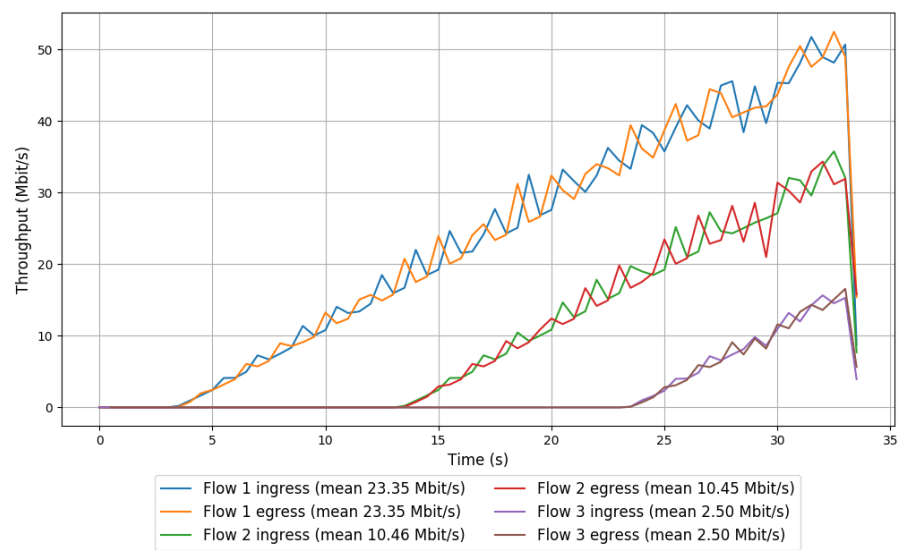
-- Flow 3:

Average throughput: 2.50 Mbit/s

95th percentile per-packet one-way delay: 93.505 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 11:23:36 +0000

End at: Sat, 01 Jul 2017 11:24:06 +0000

Local clock offset: 0.46 ms

Remote clock offset: -17.001 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:08:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.82 Mbit/s

95th percentile per-packet one-way delay: 92.971 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.11 Mbit/s

95th percentile per-packet one-way delay: 90.194 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.38 Mbit/s

95th percentile per-packet one-way delay: 94.766 ms

Loss rate: 0.00%

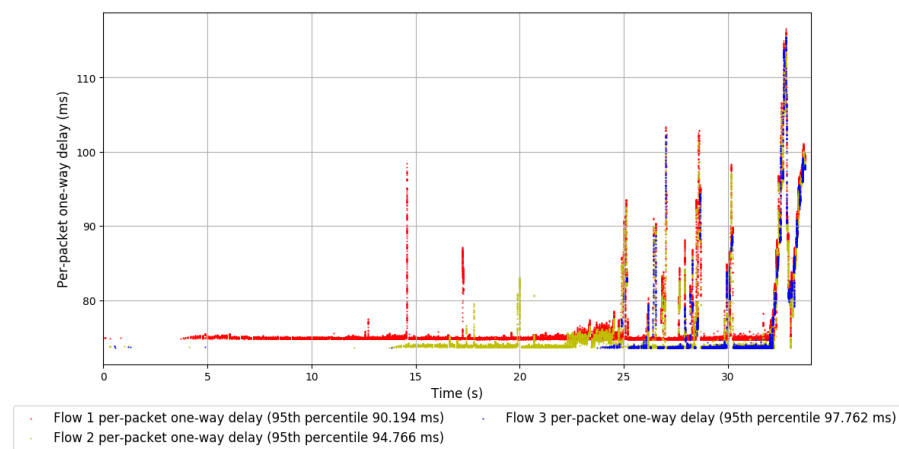
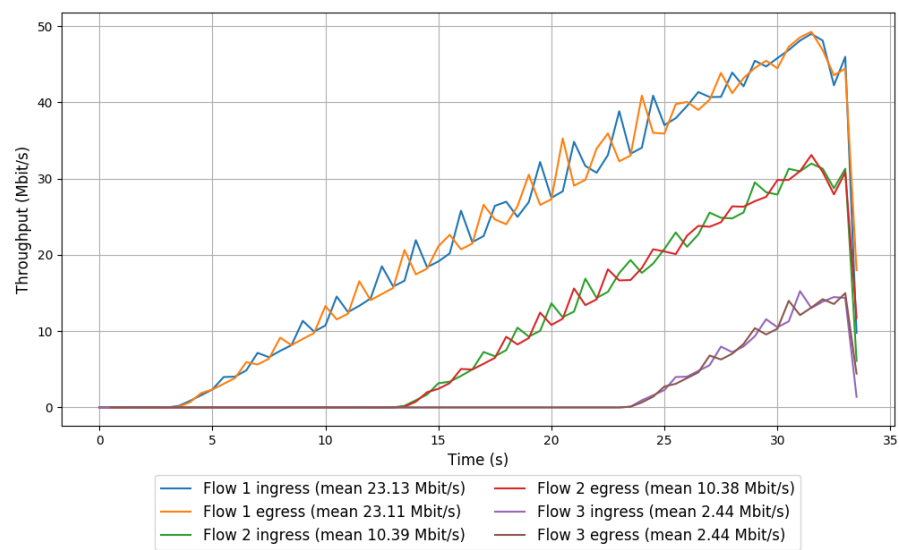
-- Flow 3:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 97.762 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 11:42:14 +0000

End at: Sat, 01 Jul 2017 11:42:44 +0000

Local clock offset: 0.538 ms

Remote clock offset: -14.161 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.80 Mbit/s

95th percentile per-packet one-way delay: 97.427 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.44 Mbit/s

95th percentile per-packet one-way delay: 92.961 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 99.193 ms

Loss rate: 0.01%

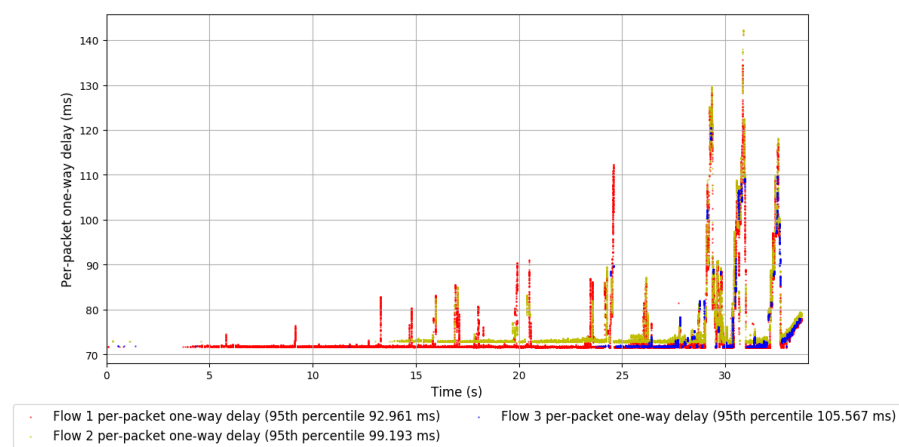
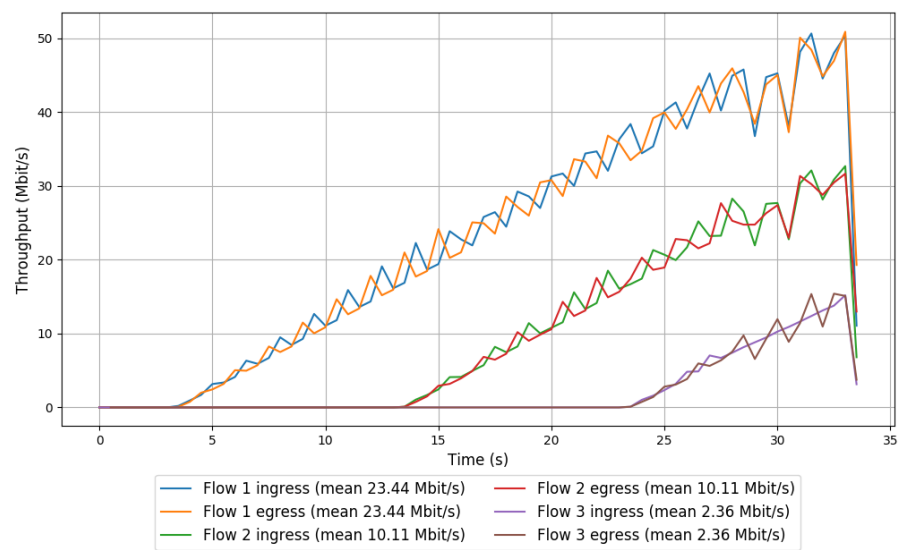
-- Flow 3:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 105.567 ms

Loss rate: 0.03%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 12:00:48 +0000

End at: Sat, 01 Jul 2017 12:01:18 +0000

Local clock offset: 0.531 ms

Remote clock offset: -12.081 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 33.19 Mbit/s

95th percentile per-packet one-way delay: 119.749 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 22.09 Mbit/s

95th percentile per-packet one-way delay: 118.375 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 9.29 Mbit/s

95th percentile per-packet one-way delay: 120.369 ms

Loss rate: 0.00%

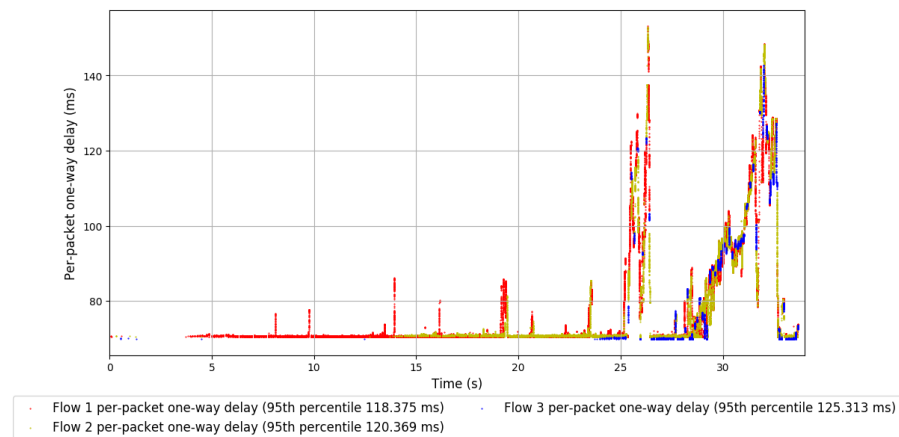
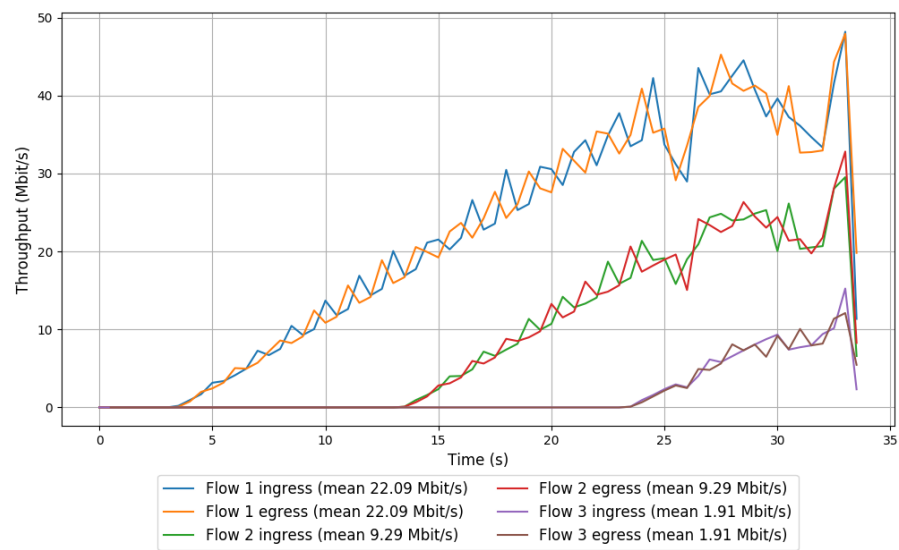
-- Flow 3:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 125.313 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sat, 01 Jul 2017 09:14:39 +0000

End at: Sat, 01 Jul 2017 09:15:09 +0000

Local clock offset: 0.168 ms

Remote clock offset: -15.428 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.42 Mbit/s

95th percentile per-packet one-way delay: 239.813 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 62.48 Mbit/s

95th percentile per-packet one-way delay: 240.723 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 9.72 Mbit/s

95th percentile per-packet one-way delay: 236.667 ms

Loss rate: 0.00%

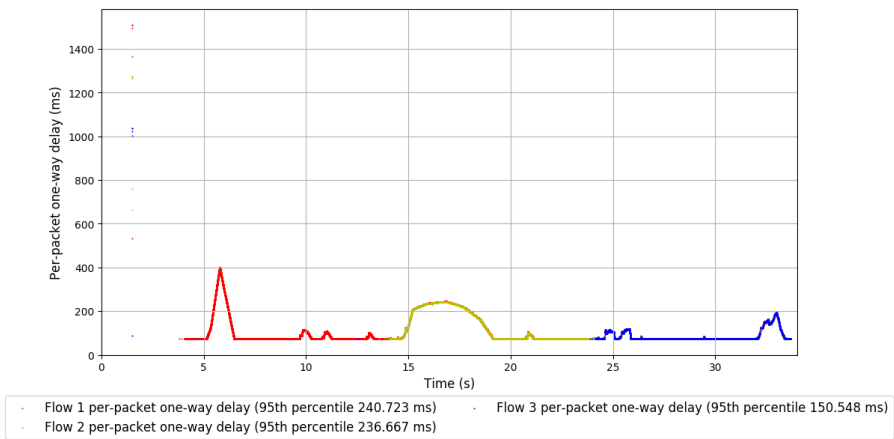
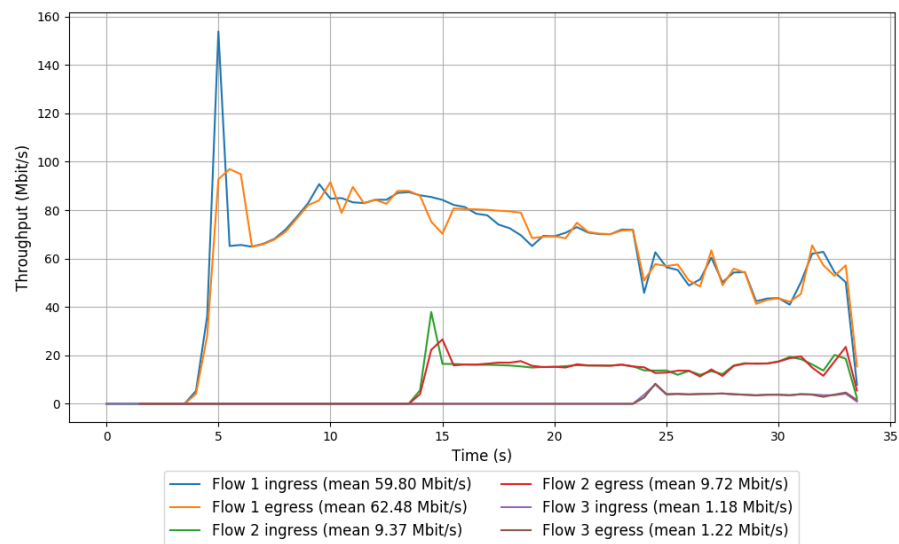
-- Flow 3:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 150.548 ms

Loss rate: 0.00%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sat, 01 Jul 2017 09:33:22 +0000

End at: Sat, 01 Jul 2017 09:33:52 +0000

Local clock offset: 0.215 ms

Remote clock offset: -15.877 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 929.805 ms

Loss rate: 11.36%

-- Flow 1:

Average throughput: 73.85 Mbit/s

95th percentile per-packet one-way delay: 929.819 ms

Loss rate: 7.40%

-- Flow 2:

Average throughput: 8.00 Mbit/s

95th percentile per-packet one-way delay: 928.930 ms

Loss rate: 22.74%

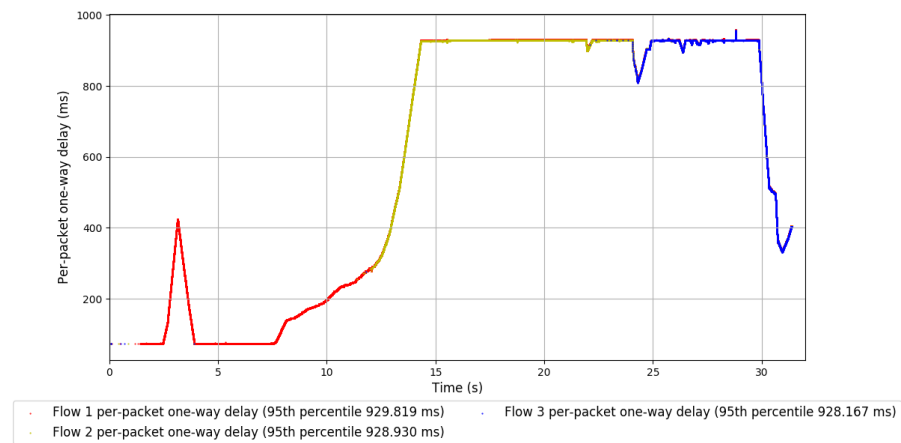
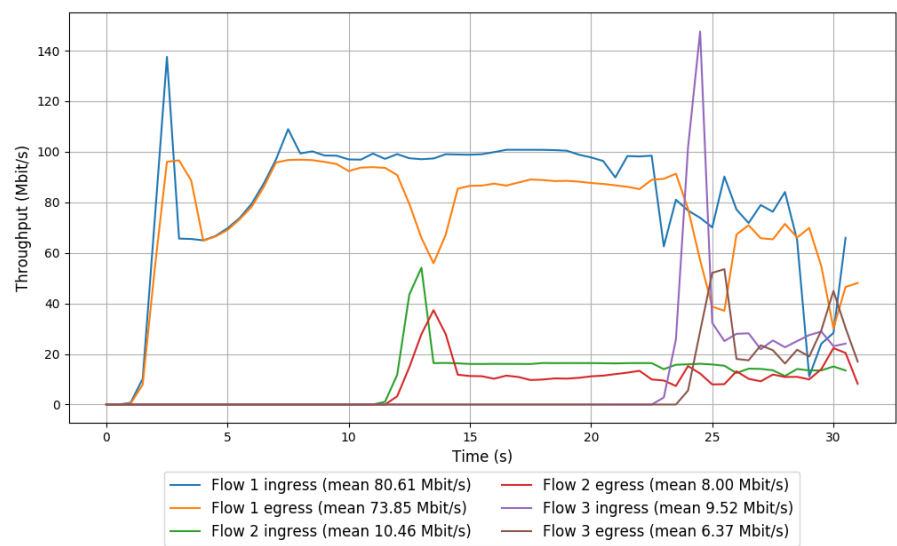
-- Flow 3:

Average throughput: 6.37 Mbit/s

95th percentile per-packet one-way delay: 928.167 ms

Loss rate: 32.33%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sat, 01 Jul 2017 09:52:00 +0000

End at: Sat, 01 Jul 2017 09:52:30 +0000

Local clock offset: 0.253 ms

Remote clock offset: -14.658 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 931.299 ms

Loss rate: 3.55%

-- Flow 1:

Average throughput: 81.13 Mbit/s

95th percentile per-packet one-way delay: 931.304 ms

Loss rate: 2.60%

-- Flow 2:

Average throughput: 4.43 Mbit/s

95th percentile per-packet one-way delay: 931.263 ms

Loss rate: 12.73%

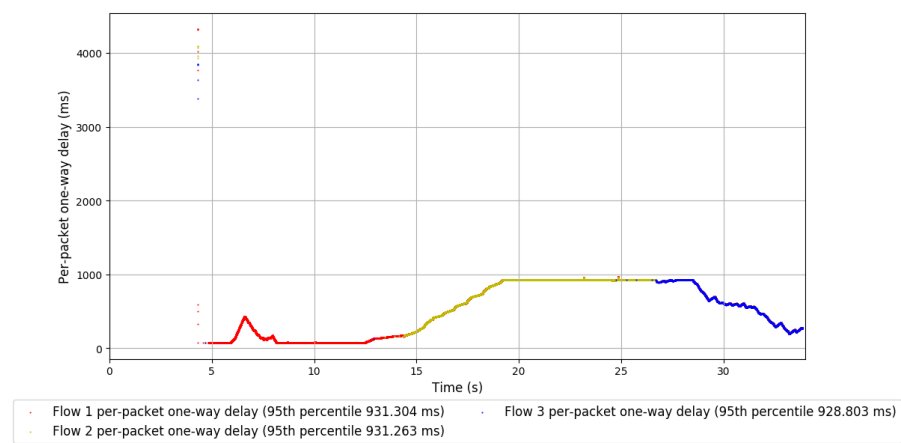
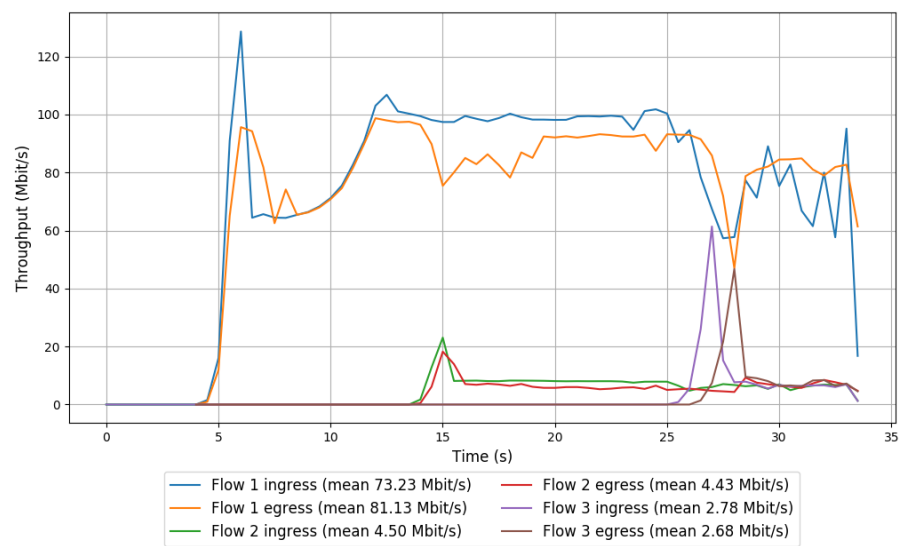
-- Flow 3:

Average throughput: 2.68 Mbit/s

95th percentile per-packet one-way delay: 928.803 ms

Loss rate: 14.00%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sat, 01 Jul 2017 10:10:34 +0000

End at: Sat, 01 Jul 2017 10:11:04 +0000

Local clock offset: 0.27 ms

Remote clock offset: -15.004 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 927.715 ms

Loss rate: 5.16%

-- Flow 1:

Average throughput: 70.68 Mbit/s

95th percentile per-packet one-way delay: 927.467 ms

Loss rate: 2.85%

-- Flow 2:

Average throughput: 4.26 Mbit/s

95th percentile per-packet one-way delay: 927.382 ms

Loss rate: 7.67%

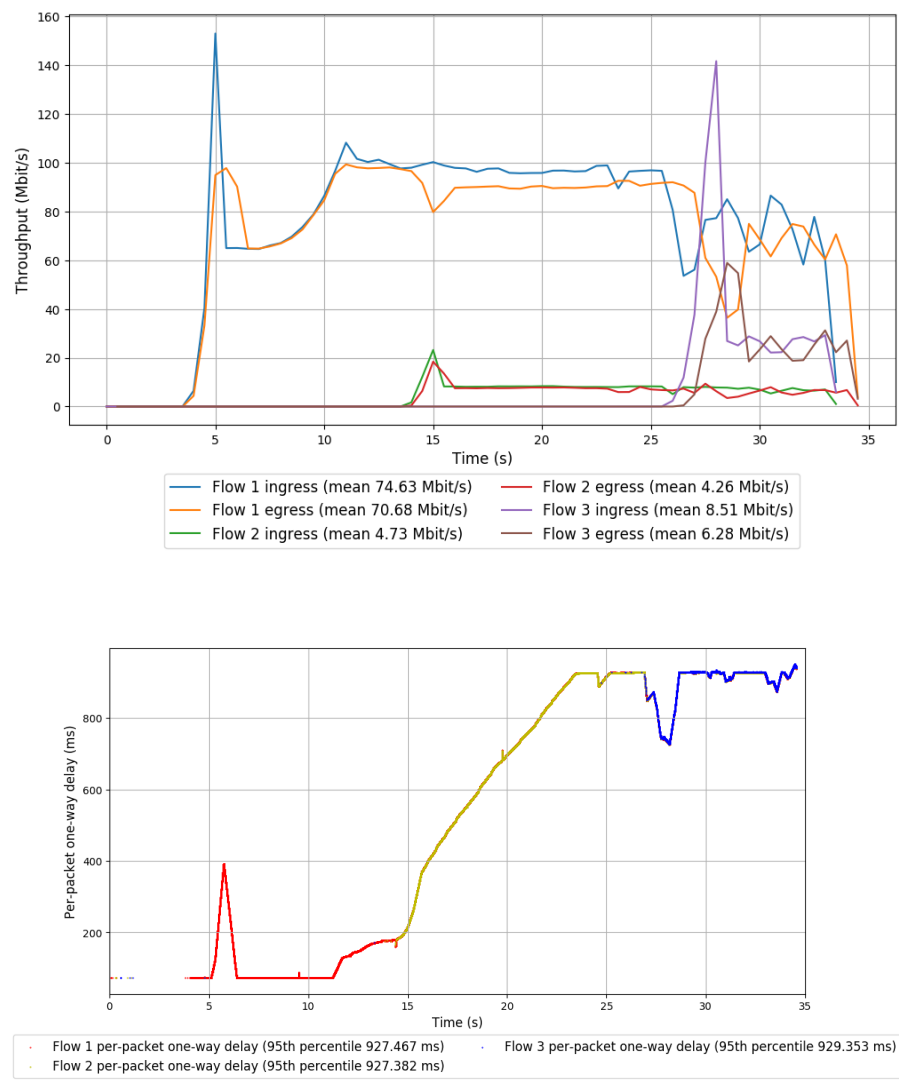
-- Flow 3:

Average throughput: 6.28 Mbit/s

95th percentile per-packet one-way delay: 929.353 ms

Loss rate: 24.25%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sat, 01 Jul 2017 10:29:14 +0000

End at: Sat, 01 Jul 2017 10:29:44 +0000

Local clock offset: 0.35 ms

Remote clock offset: -16.342 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.61 Mbit/s

95th percentile per-packet one-way delay: 636.042 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 64.74 Mbit/s

95th percentile per-packet one-way delay: 629.203 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.44 Mbit/s

95th percentile per-packet one-way delay: 640.530 ms

Loss rate: 0.00%

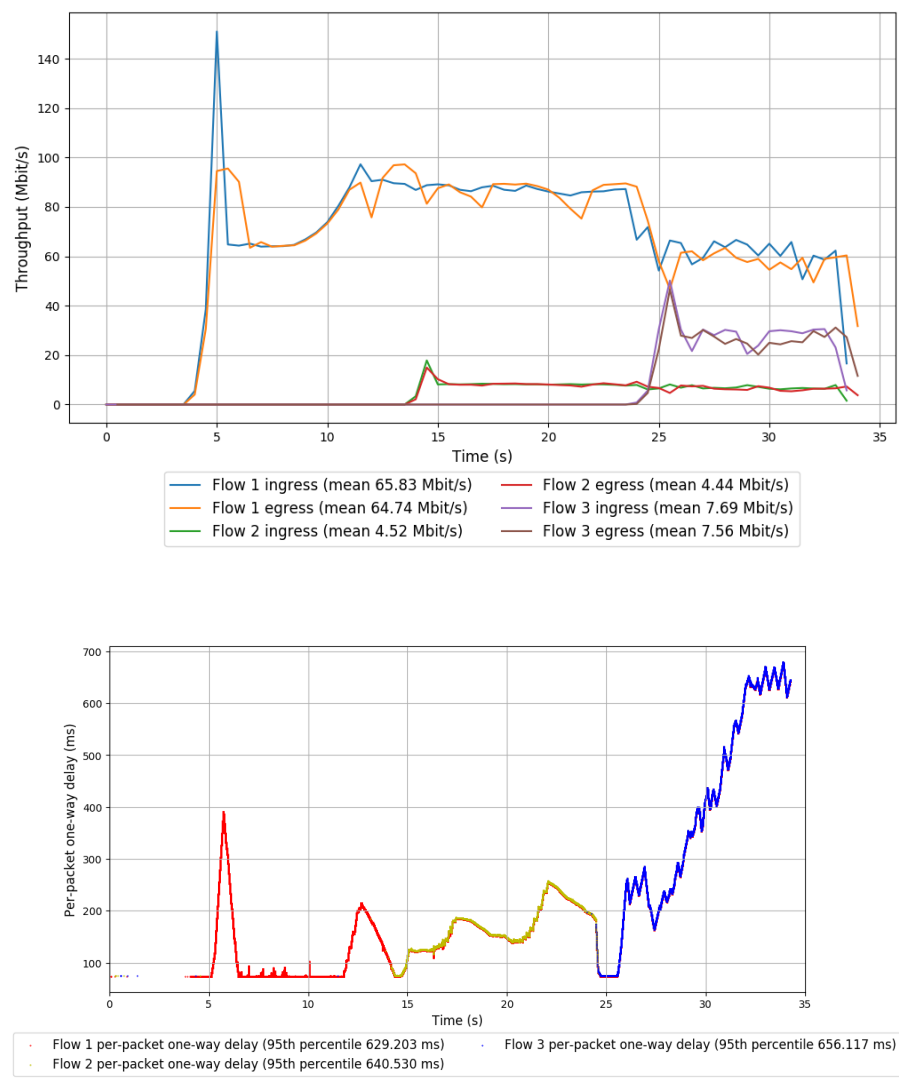
-- Flow 3:

Average throughput: 7.56 Mbit/s

95th percentile per-packet one-way delay: 656.117 ms

Loss rate: 0.00%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sat, 01 Jul 2017 10:47:40 +0000

End at: Sat, 01 Jul 2017 10:48:10 +0000

Local clock offset: 0.275 ms

Remote clock offset: -17.801 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 935.235 ms

Loss rate: 14.18%

-- Flow 1:

Average throughput: 67.36 Mbit/s

95th percentile per-packet one-way delay: 935.197 ms

Loss rate: 6.51%

-- Flow 2:

Average throughput: 8.73 Mbit/s

95th percentile per-packet one-way delay: 935.397 ms

Loss rate: 13.55%

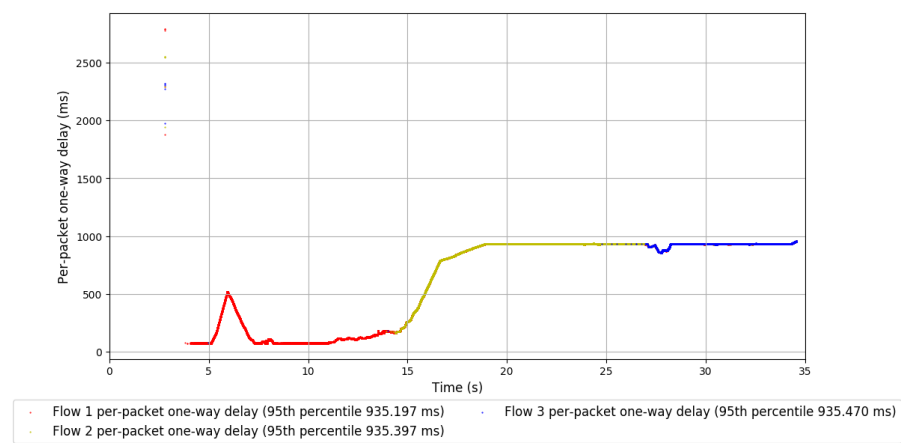
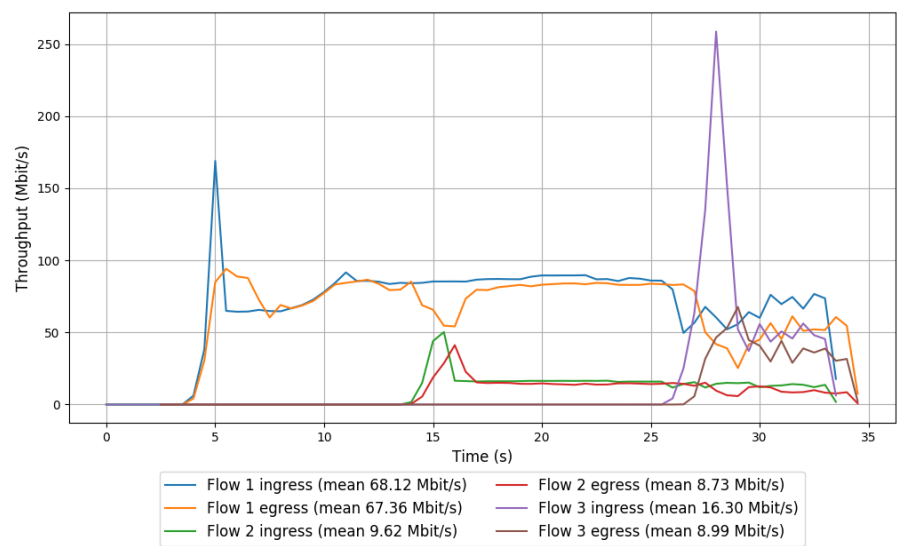
-- Flow 3:

Average throughput: 8.99 Mbit/s

95th percentile per-packet one-way delay: 935.470 ms

Loss rate: 47.09%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sat, 01 Jul 2017 11:06:15 +0000

End at: Sat, 01 Jul 2017 11:06:45 +0000

Local clock offset: 0.387 ms

Remote clock offset: -18.606 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.74 Mbit/s

95th percentile per-packet one-way delay: 932.308 ms

Loss rate: 9.31%

-- Flow 1:

Average throughput: 72.91 Mbit/s

95th percentile per-packet one-way delay: 932.329 ms

Loss rate: 6.13%

-- Flow 2:

Average throughput: 7.85 Mbit/s

95th percentile per-packet one-way delay: 931.972 ms

Loss rate: 16.45%

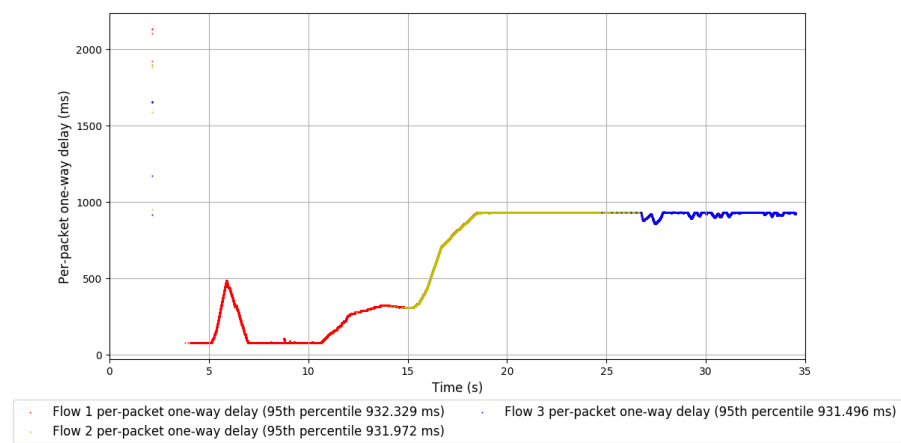
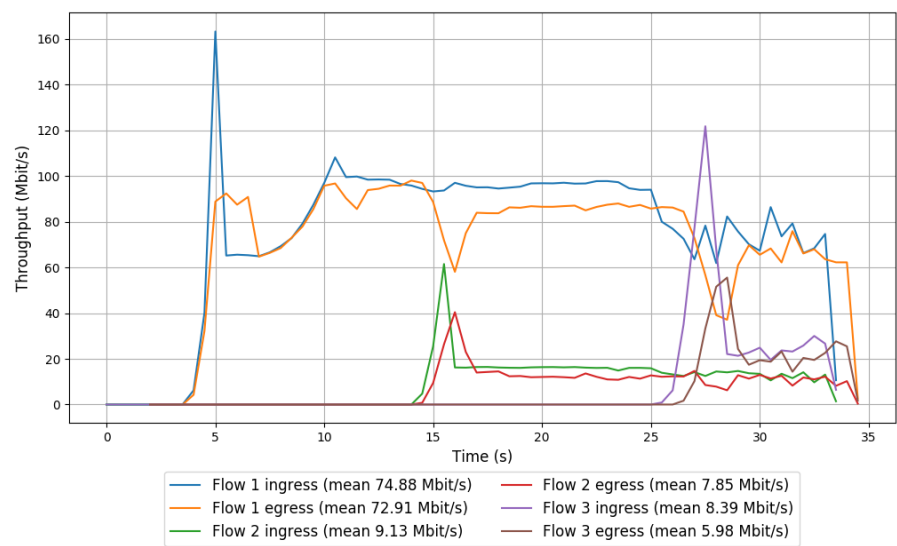
-- Flow 3:

Average throughput: 5.98 Mbit/s

95th percentile per-packet one-way delay: 931.496 ms

Loss rate: 30.29%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sat, 01 Jul 2017 11:24:48 +0000

End at: Sat, 01 Jul 2017 11:25:18 +0000

Local clock offset: 0.458 ms

Remote clock offset: -16.78 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:09:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.19 Mbit/s

95th percentile per-packet one-way delay: 929.854 ms

Loss rate: 1.40%

-- Flow 1:

Average throughput: 60.74 Mbit/s

95th percentile per-packet one-way delay: 928.577 ms

Loss rate: 1.03%

-- Flow 2:

Average throughput: 8.91 Mbit/s

95th percentile per-packet one-way delay: 930.370 ms

Loss rate: 1.94%

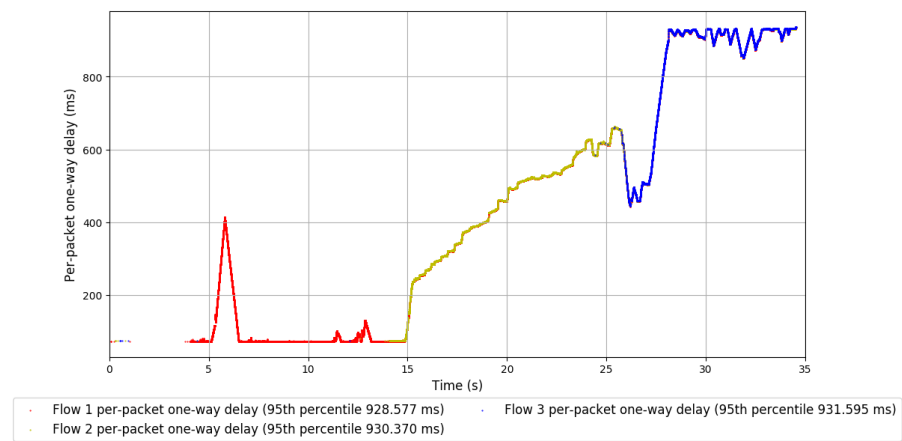
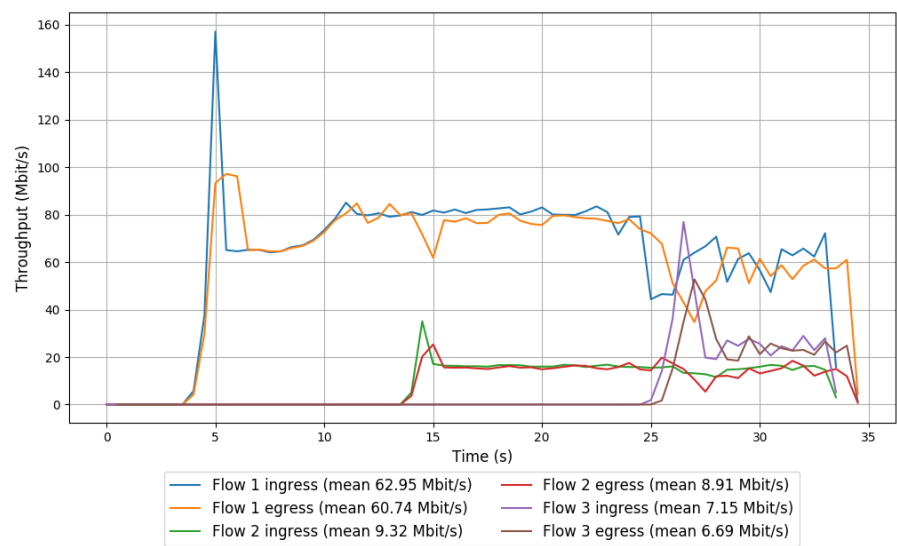
-- Flow 3:

Average throughput: 6.69 Mbit/s

95th percentile per-packet one-way delay: 931.595 ms

Loss rate: 4.05%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sat, 01 Jul 2017 11:43:27 +0000

End at: Sat, 01 Jul 2017 11:43:57 +0000

Local clock offset: 0.578 ms

Remote clock offset: -14.515 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.17 Mbit/s

95th percentile per-packet one-way delay: 894.012 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 63.59 Mbit/s

95th percentile per-packet one-way delay: 882.260 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 4.85 Mbit/s

95th percentile per-packet one-way delay: 903.230 ms

Loss rate: 0.44%

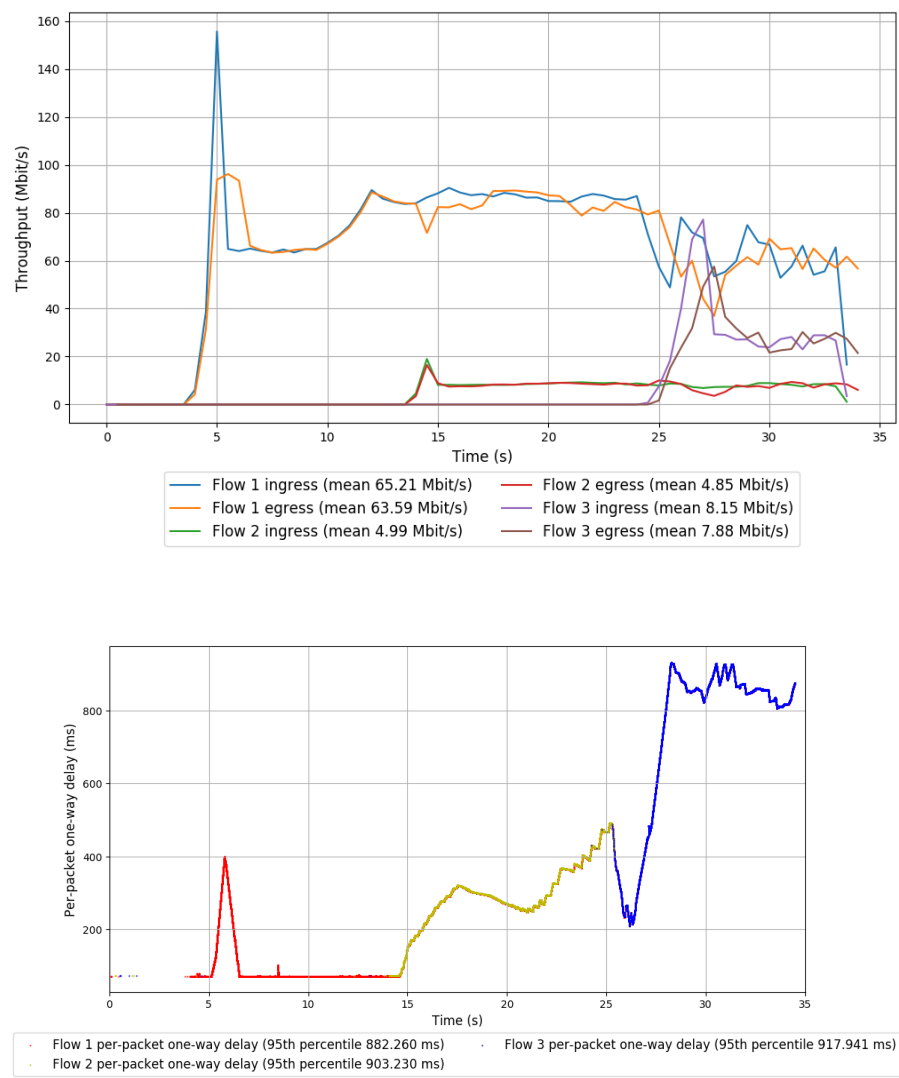
-- Flow 3:

Average throughput: 7.88 Mbit/s

95th percentile per-packet one-way delay: 917.941 ms

Loss rate: 0.97%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sat, 01 Jul 2017 12:02:01 +0000

End at: Sat, 01 Jul 2017 12:02:31 +0000

Local clock offset: 0.503 ms

Remote clock offset: -12.146 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.53 Mbit/s

95th percentile per-packet one-way delay: 167.754 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 64.23 Mbit/s

95th percentile per-packet one-way delay: 169.955 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.34 Mbit/s

95th percentile per-packet one-way delay: 153.679 ms

Loss rate: 0.00%

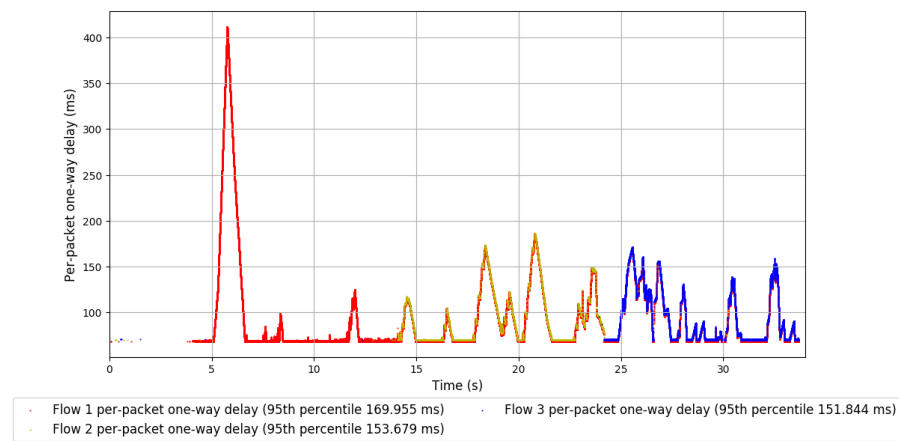
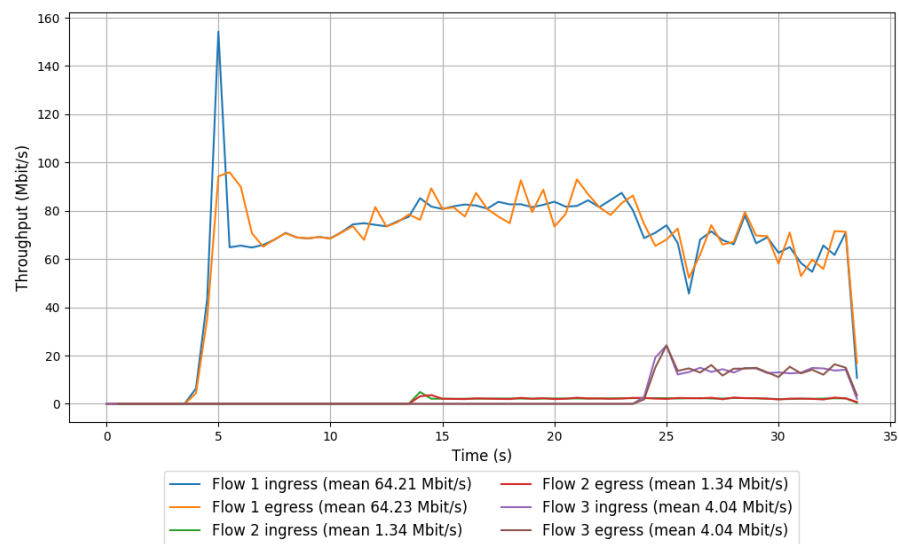
-- Flow 3:

Average throughput: 4.04 Mbit/s

95th percentile per-packet one-way delay: 151.844 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 09:24:20 +0000

End at: Sat, 01 Jul 2017 09:24:50 +0000

Local clock offset: 0.223 ms

Remote clock offset: -15.989 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 40.86 Mbit/s

95th percentile per-packet one-way delay: 109.572 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.72 Mbit/s

95th percentile per-packet one-way delay: 105.923 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.41 Mbit/s

95th percentile per-packet one-way delay: 82.430 ms

Loss rate: 0.00%

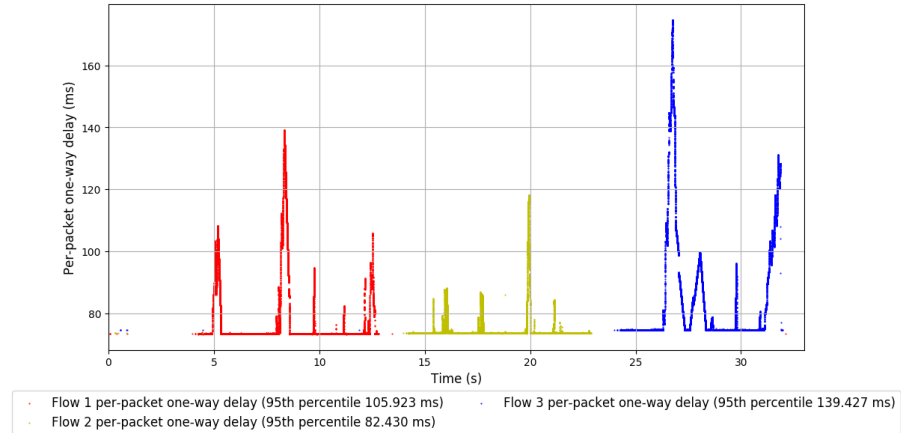
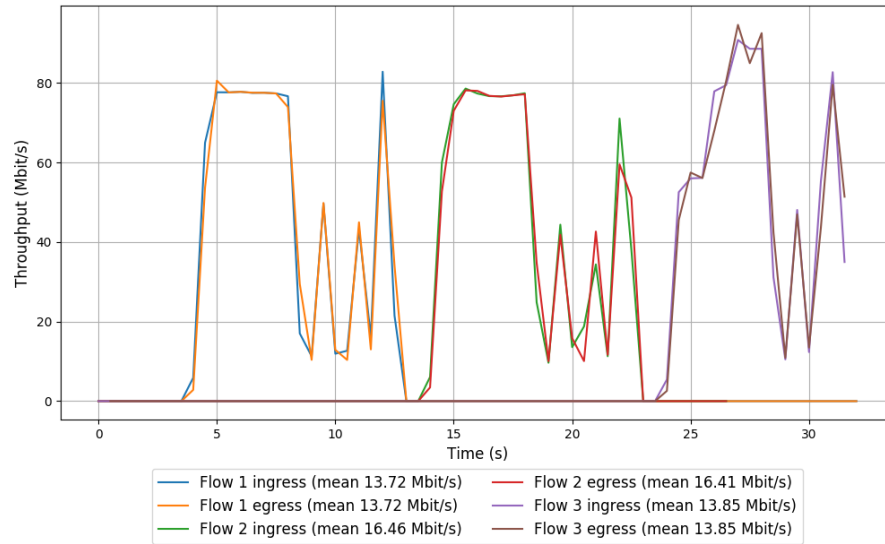
-- Flow 3:

Average throughput: 13.85 Mbit/s

95th percentile per-packet one-way delay: 139.427 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic (toy) — Data Link



Run 2: Statistics of QUIC Cubic (toy)

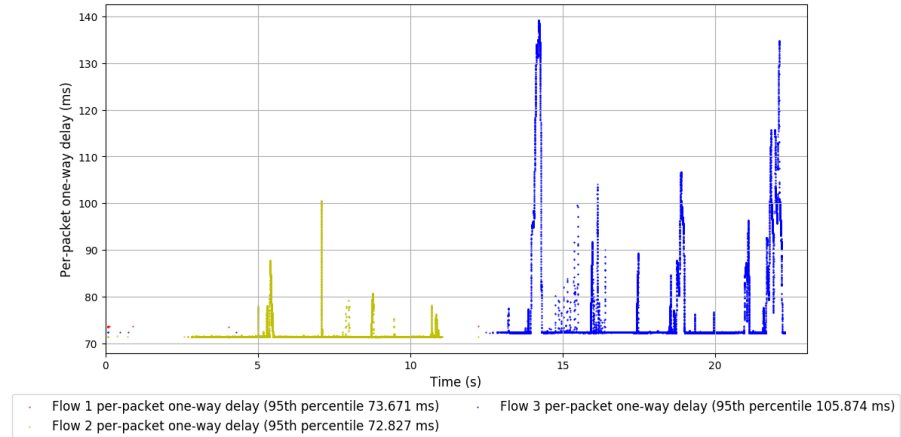
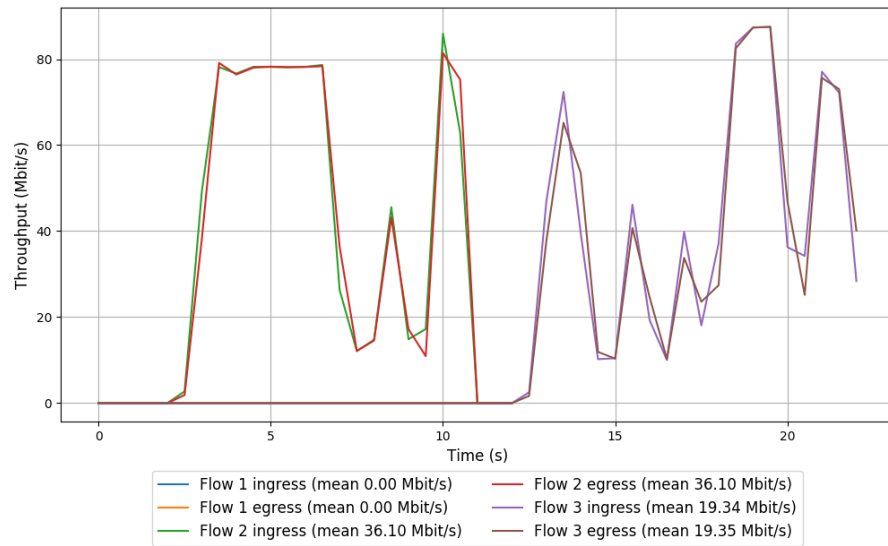
Start at: Sat, 01 Jul 2017 09:43:05 +0000

End at: Sat, 01 Jul 2017 09:43:35 +0000

Local clock offset: 0.179 ms

Remote clock offset: -15.154 ms

Run 2: Report of QUIC Cubic (toy) — Data Link



Run 3: Statistics of QUIC Cubic (toy)

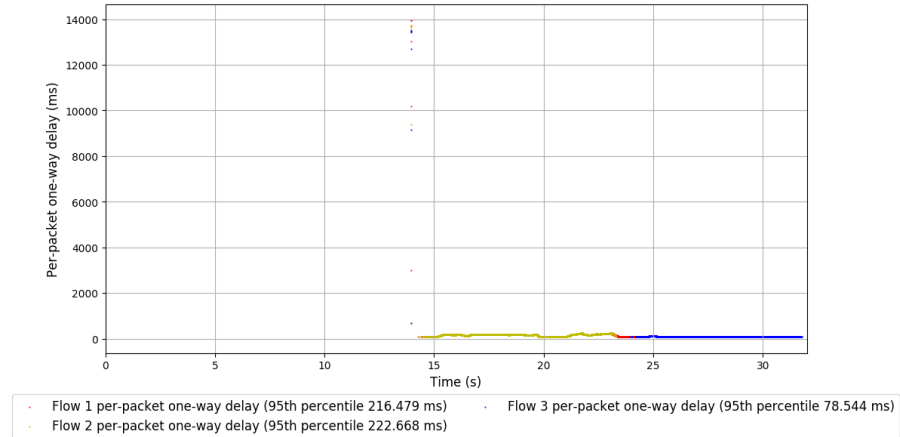
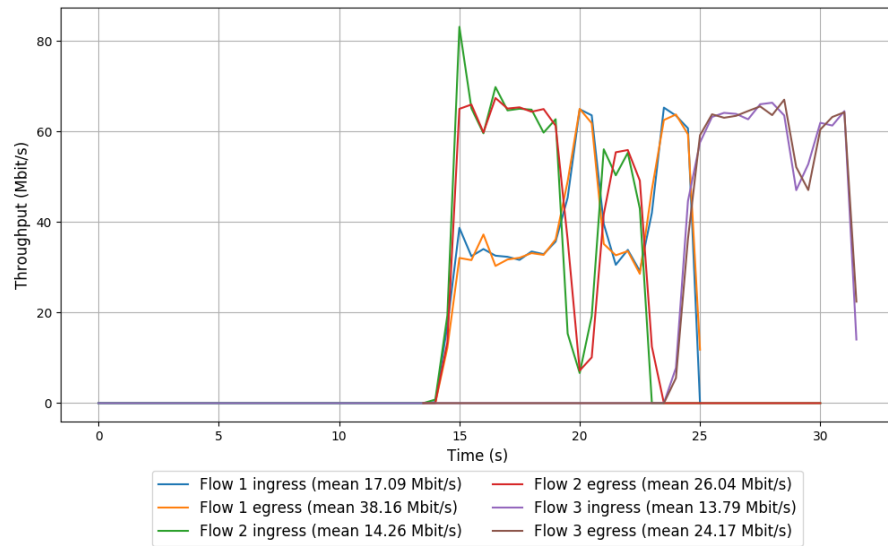
Start at: Sat, 01 Jul 2017 10:01:43 +0000

End at: Sat, 01 Jul 2017 10:02:13 +0000

Local clock offset: 0.288 ms

Remote clock offset: -14.192 ms

Run 3: Report of QUIC Cubic (toy) — Data Link



Run 4: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 10:20:18 +0000

End at: Sat, 01 Jul 2017 10:20:48 +0000

Local clock offset: 0.287 ms

Remote clock offset: -15.923 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.91 Mbit/s

95th percentile per-packet one-way delay: 117.975 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.20 Mbit/s

95th percentile per-packet one-way delay: 77.874 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 132.039 ms

Loss rate: 0.00%

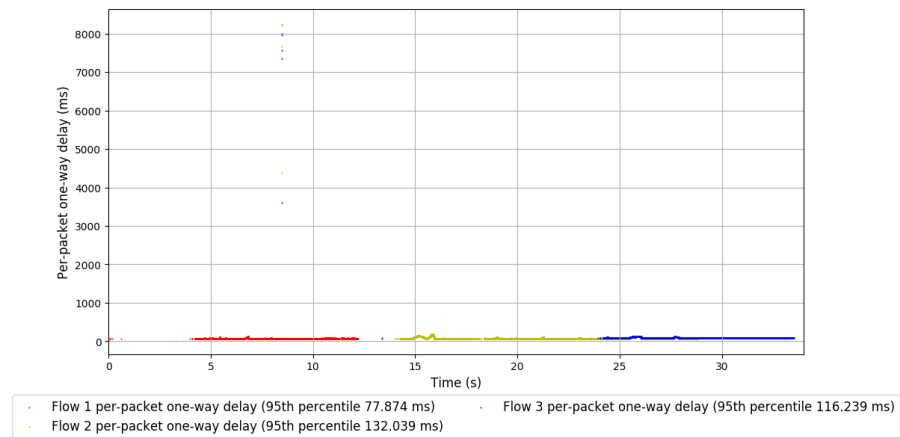
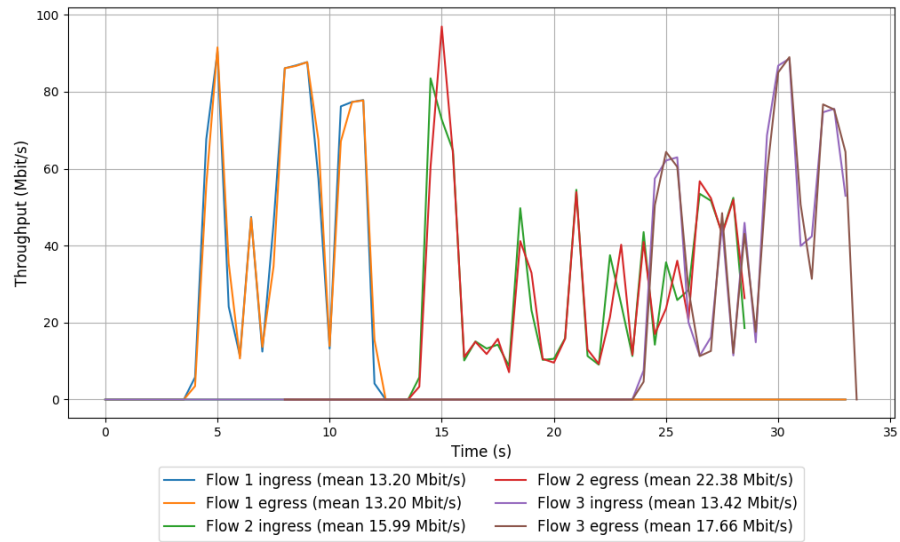
-- Flow 3:

Average throughput: 17.66 Mbit/s

95th percentile per-packet one-way delay: 116.239 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic (toy) — Data Link



Run 5: Statistics of QUIC Cubic (toy)

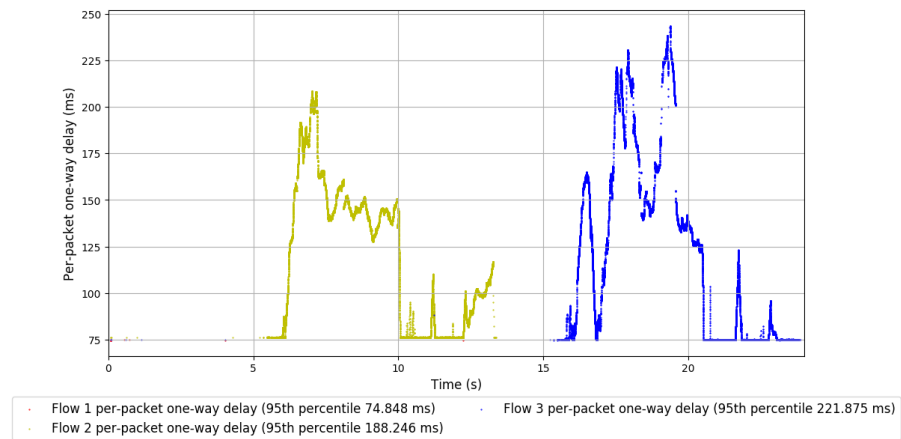
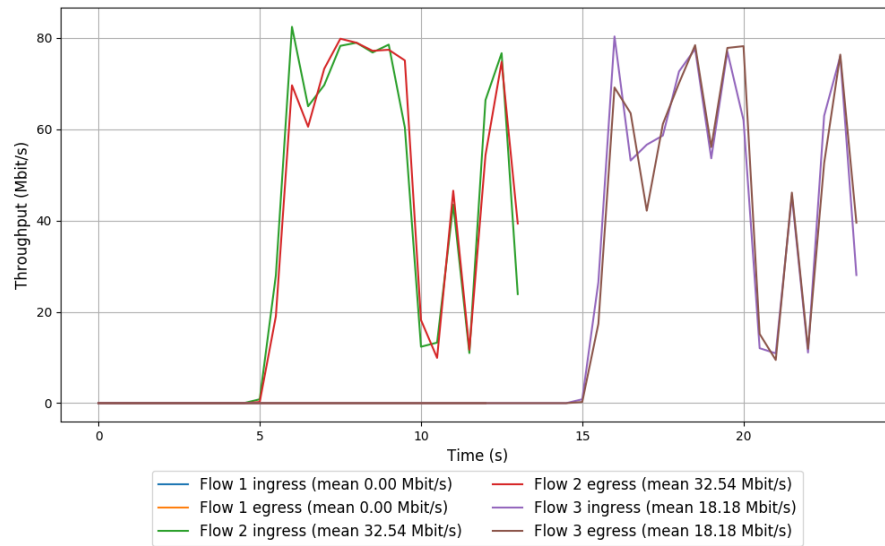
Start at: Sat, 01 Jul 2017 10:38:54 +0000

End at: Sat, 01 Jul 2017 10:39:24 +0000

Local clock offset: 0.35 ms

Remote clock offset: -17.5 ms

Run 5: Report of QUIC Cubic (toy) — Data Link



Run 6: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 10:57:24 +0000

End at: Sat, 01 Jul 2017 10:57:54 +0000

Local clock offset: 0.381 ms

Remote clock offset: -17.92 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 34.22 Mbit/s

95th percentile per-packet one-way delay: 108.904 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 75.546 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 35.45 Mbit/s

95th percentile per-packet one-way delay: 95.169 ms

Loss rate: 0.00%

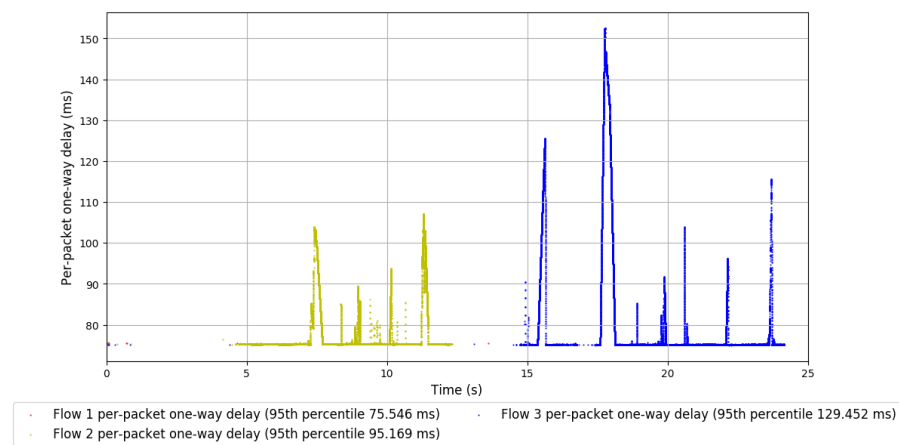
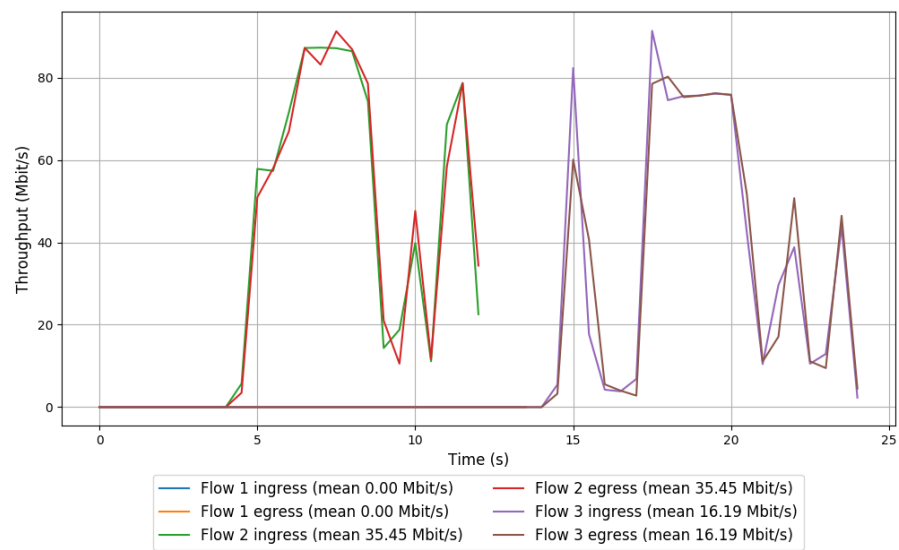
-- Flow 3:

Average throughput: 16.19 Mbit/s

95th percentile per-packet one-way delay: 129.452 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic (toy) — Data Link



Run 7: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 11:15:58 +0000

End at: Sat, 01 Jul 2017 11:16:28 +0000

Local clock offset: 0.318 ms

Remote clock offset: -18.164 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 39.21 Mbit/s

95th percentile per-packet one-way delay: 91.085 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 12.97 Mbit/s

95th percentile per-packet one-way delay: 91.740 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 15.16 Mbit/s

95th percentile per-packet one-way delay: 96.298 ms

Loss rate: 0.00%

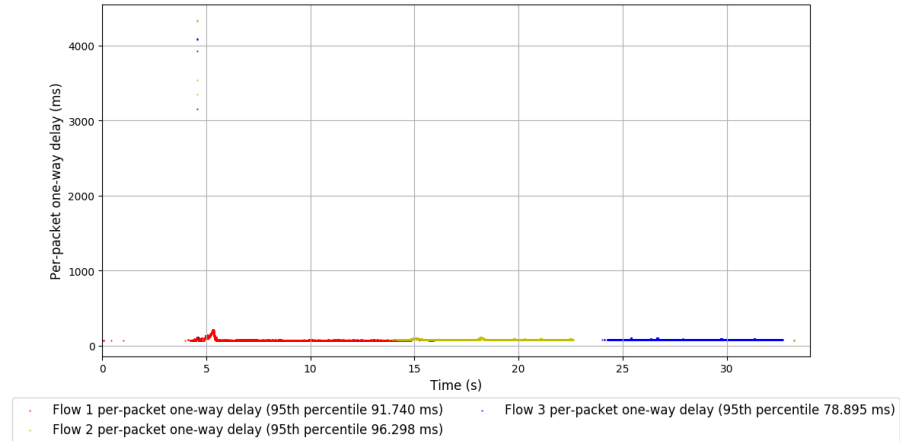
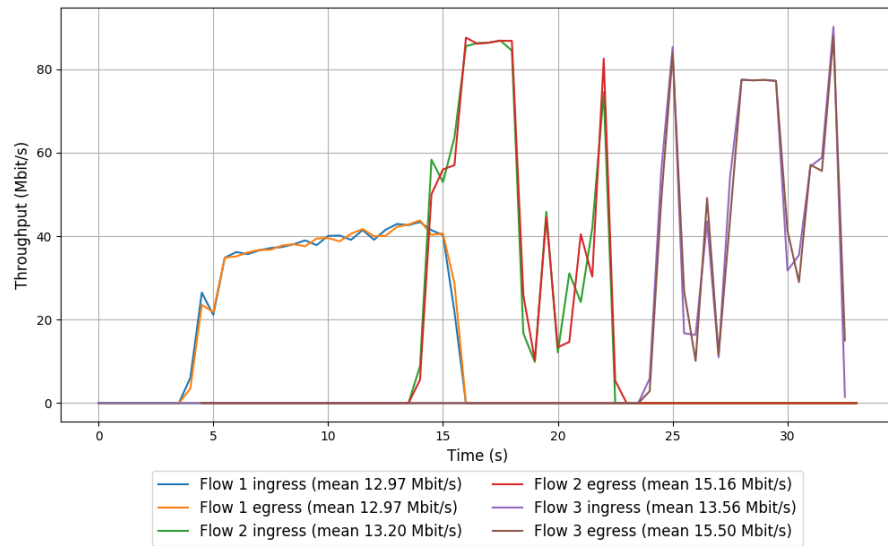
-- Flow 3:

Average throughput: 15.50 Mbit/s

95th percentile per-packet one-way delay: 78.895 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic (toy) — Data Link



Run 8: Statistics of QUIC Cubic (toy)

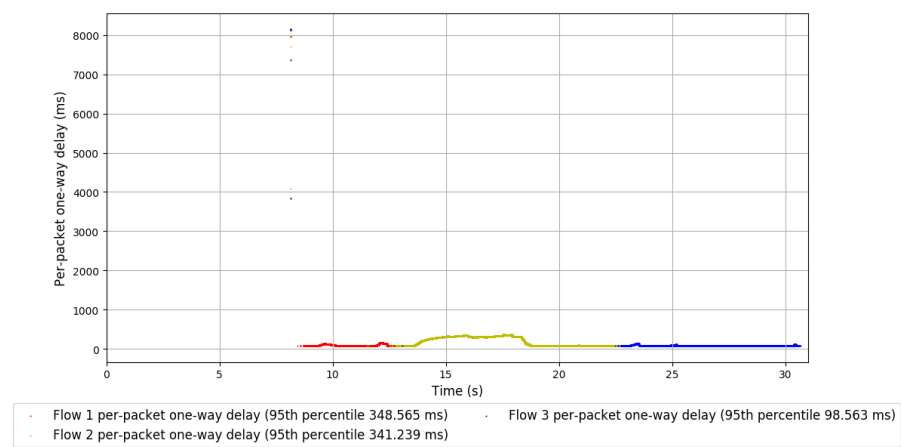
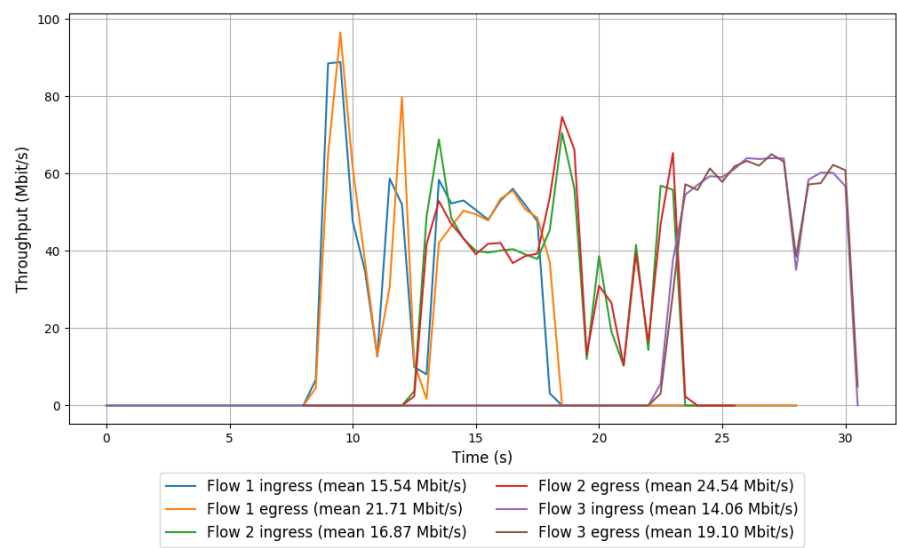
Start at: Sat, 01 Jul 2017 11:34:31 +0000

End at: Sat, 01 Jul 2017 11:35:01 +0000

Local clock offset: 0.495 ms

Remote clock offset: -15.071 ms

Run 8: Report of QUIC Cubic (toy) — Data Link



Run 9: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 11:53:07 +0000

End at: Sat, 01 Jul 2017 11:53:37 +0000

Local clock offset: 0.54 ms

Remote clock offset: -12.969 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.88 Mbit/s

95th percentile per-packet one-way delay: 122.181 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 14.04 Mbit/s

95th percentile per-packet one-way delay: 126.899 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 13.21 Mbit/s

95th percentile per-packet one-way delay: 89.165 ms

Loss rate: 0.00%

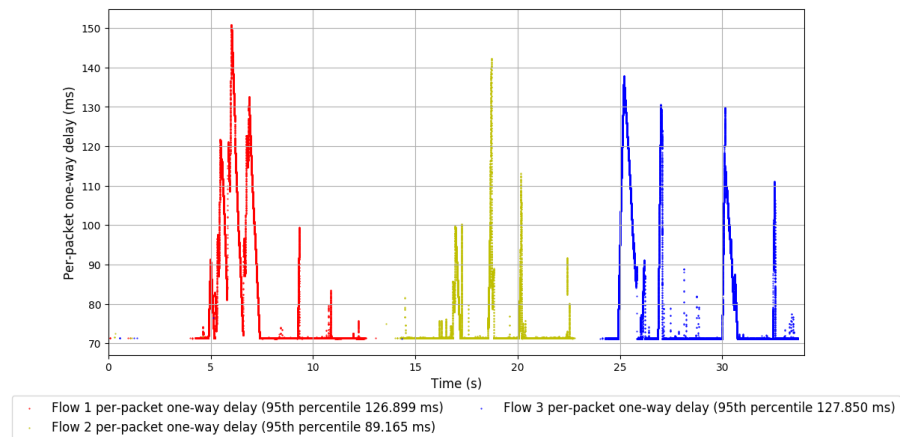
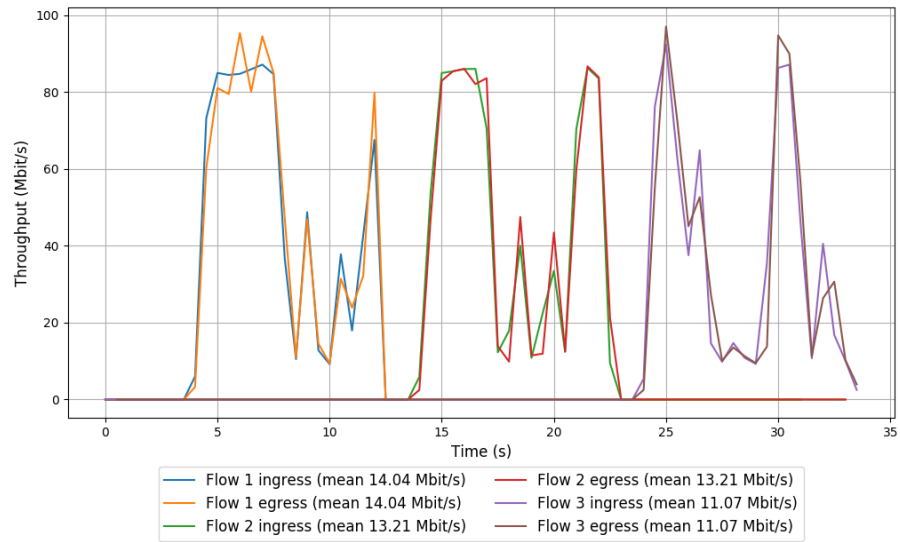
-- Flow 3:

Average throughput: 11.07 Mbit/s

95th percentile per-packet one-way delay: 127.850 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic (toy) — Data Link



Run 10: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 12:11:43 +0000

End at: Sat, 01 Jul 2017 12:12:13 +0000

Local clock offset: 0.526 ms

Remote clock offset: -11.542 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 38.21 Mbit/s

95th percentile per-packet one-way delay: 123.370 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 14.87 Mbit/s

95th percentile per-packet one-way delay: 86.900 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 15.96 Mbit/s

95th percentile per-packet one-way delay: 94.203 ms

Loss rate: 0.00%

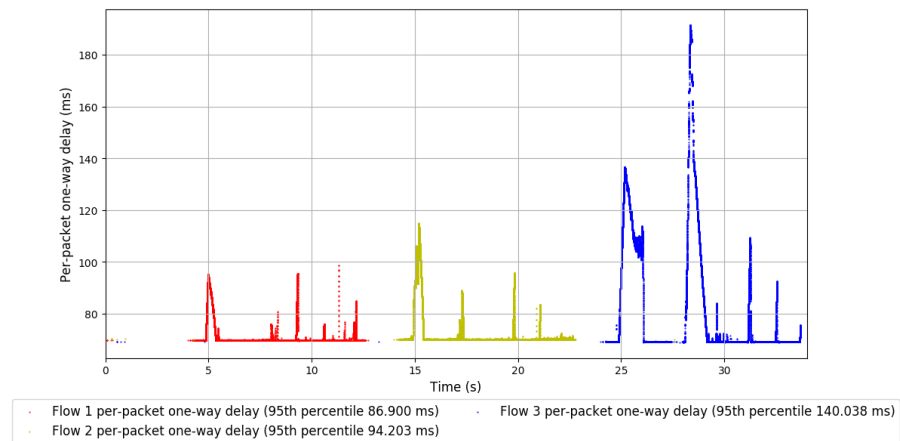
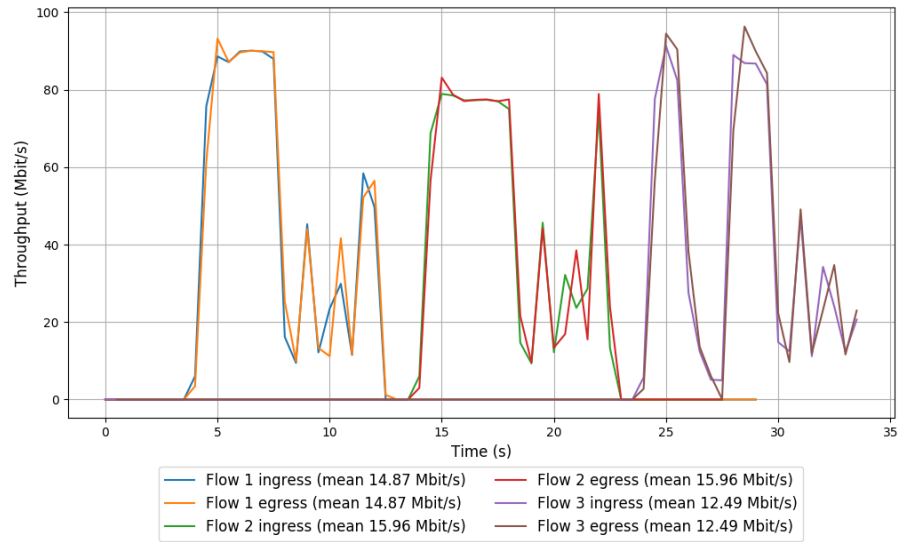
-- Flow 3:

Average throughput: 12.49 Mbit/s

95th percentile per-packet one-way delay: 140.038 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic (toy) — Data Link



Run 1: Statistics of Saturator

Start at: Sat, 01 Jul 2017 09:06:55 +0000

End at: Sat, 01 Jul 2017 09:07:25 +0000

Local clock offset: 0.201 ms

Remote clock offset: -15.381 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.39 Mbit/s

95th percentile per-packet one-way delay: 74.134 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.35 Mbit/s

95th percentile per-packet one-way delay: 74.093 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.13 Mbit/s

95th percentile per-packet one-way delay: 74.249 ms

Loss rate: 0.00%

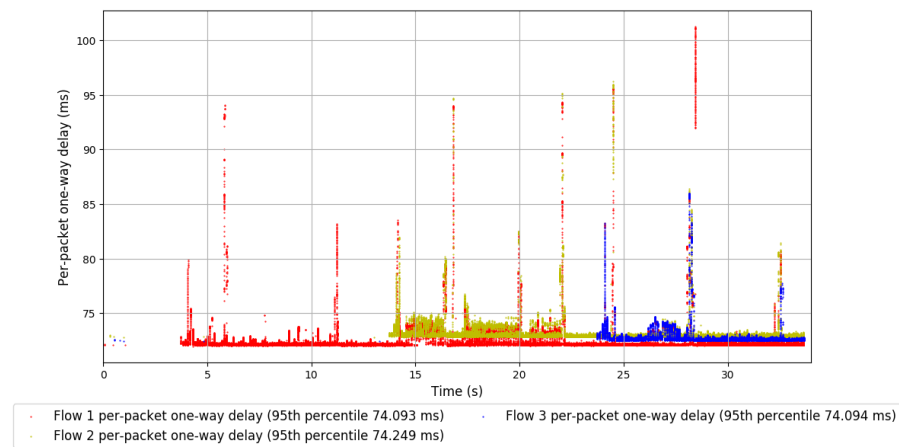
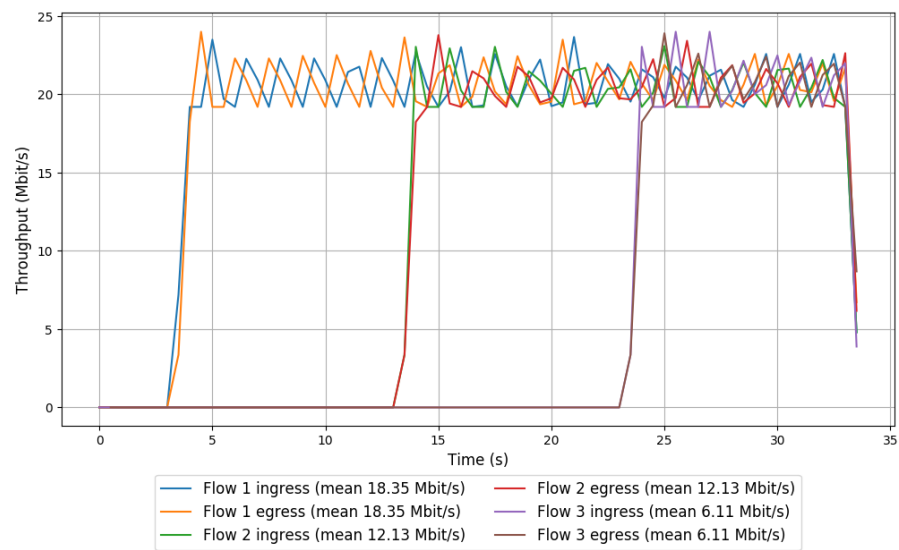
-- Flow 3:

Average throughput: 6.11 Mbit/s

95th percentile per-packet one-way delay: 74.094 ms

Loss rate: 0.00%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sat, 01 Jul 2017 09:25:33 +0000

End at: Sat, 01 Jul 2017 09:26:03 +0000

Local clock offset: 0.228 ms

Remote clock offset: -15.958 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.33 Mbit/s

95th percentile per-packet one-way delay: 77.985 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.30 Mbit/s

95th percentile per-packet one-way delay: 76.988 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.14 Mbit/s

95th percentile per-packet one-way delay: 77.647 ms

Loss rate: 0.00%

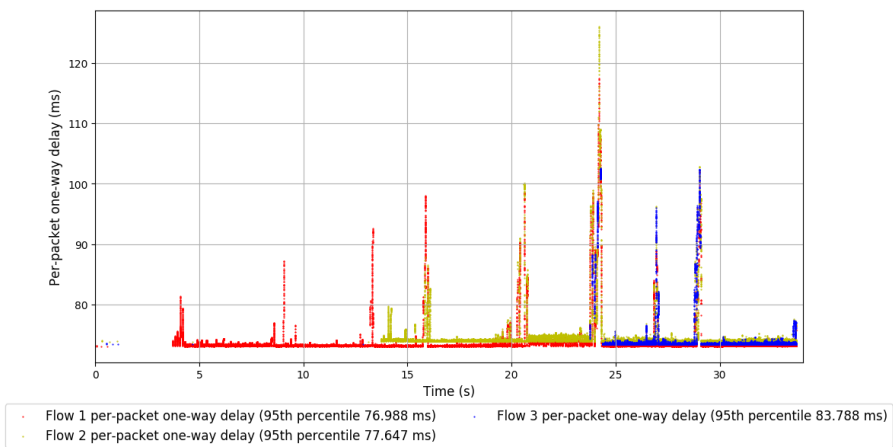
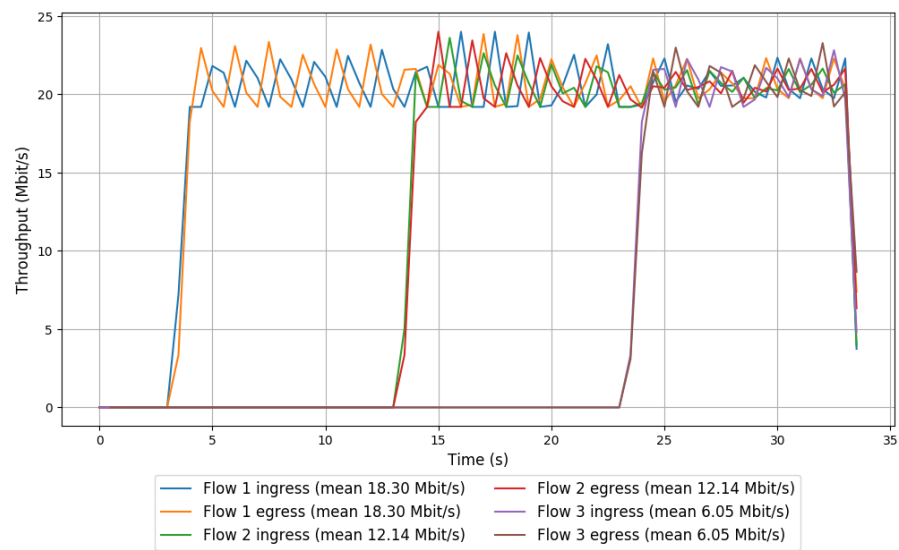
-- Flow 3:

Average throughput: 6.05 Mbit/s

95th percentile per-packet one-way delay: 83.788 ms

Loss rate: 0.00%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sat, 01 Jul 2017 09:44:16 +0000

End at: Sat, 01 Jul 2017 09:44:46 +0000

Local clock offset: 0.177 ms

Remote clock offset: -14.991 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.45 Mbit/s

95th percentile per-packet one-way delay: 75.613 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.31 Mbit/s

95th percentile per-packet one-way delay: 73.716 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.34 Mbit/s

95th percentile per-packet one-way delay: 75.281 ms

Loss rate: 0.00%

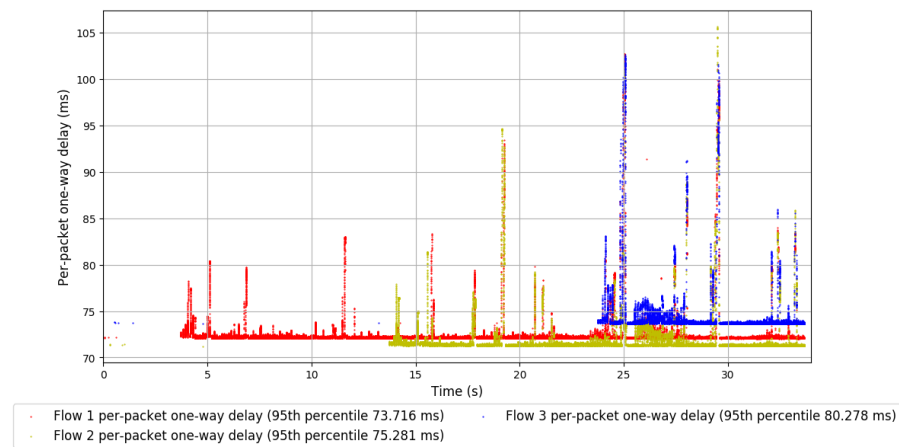
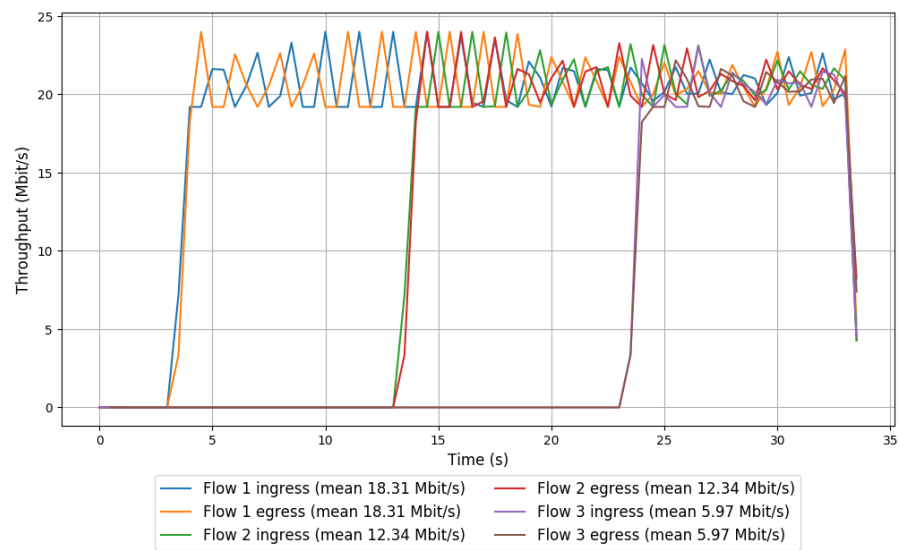
-- Flow 3:

Average throughput: 5.97 Mbit/s

95th percentile per-packet one-way delay: 80.278 ms

Loss rate: 0.00%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sat, 01 Jul 2017 10:02:55 +0000

End at: Sat, 01 Jul 2017 10:03:25 +0000

Local clock offset: 0.268 ms

Remote clock offset: -14.327 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:10:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.84 Mbit/s

95th percentile per-packet one-way delay: 81.261 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 18.06 Mbit/s

95th percentile per-packet one-way delay: 78.661 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 12.03 Mbit/s

95th percentile per-packet one-way delay: 80.041 ms

Loss rate: 0.00%

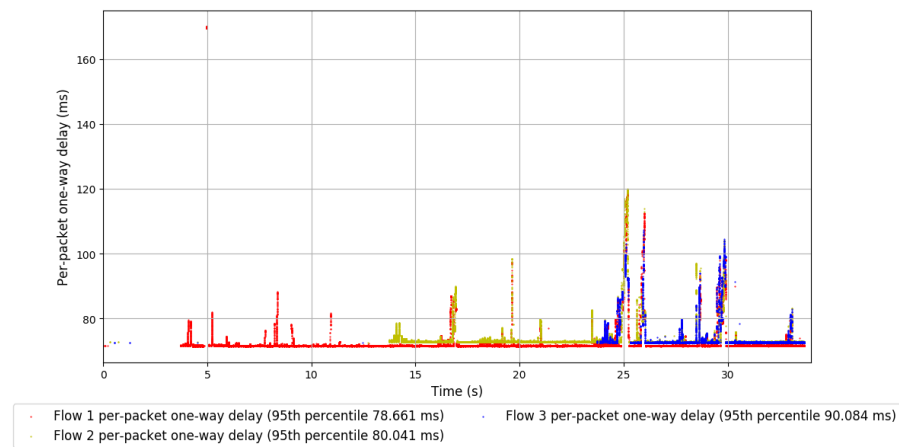
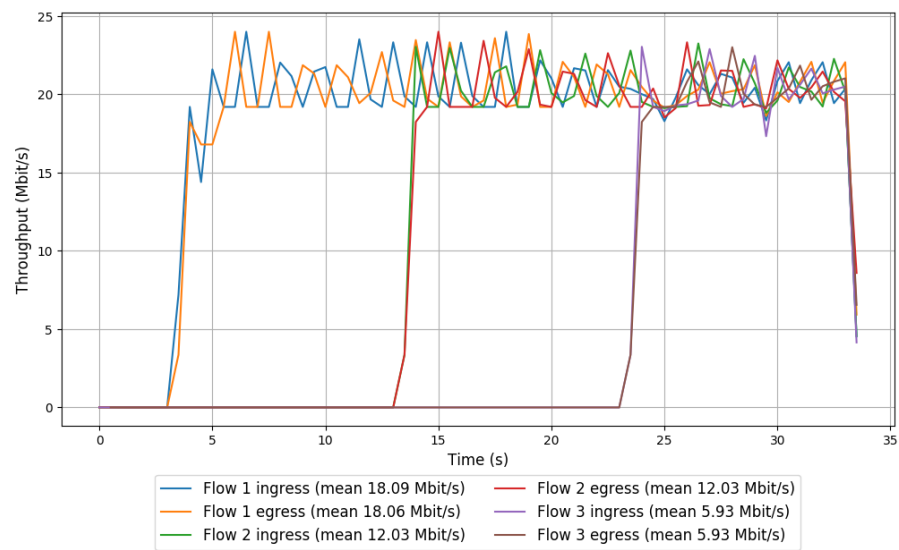
-- Flow 3:

Average throughput: 5.93 Mbit/s

95th percentile per-packet one-way delay: 90.084 ms

Loss rate: 0.00%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sat, 01 Jul 2017 10:21:31 +0000

End at: Sat, 01 Jul 2017 10:22:01 +0000

Local clock offset: 0.257 ms

Remote clock offset: -16.302 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.60 Mbit/s

95th percentile per-packet one-way delay: 75.470 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.42 Mbit/s

95th percentile per-packet one-way delay: 74.903 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.35 Mbit/s

95th percentile per-packet one-way delay: 75.064 ms

Loss rate: 0.00%

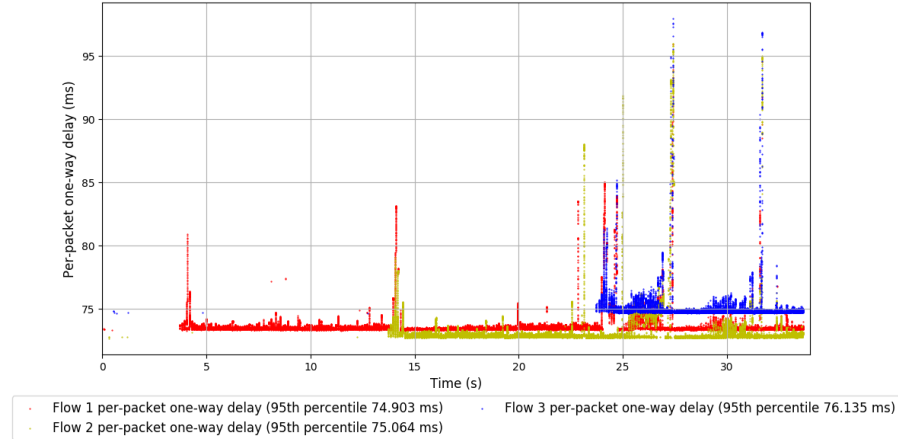
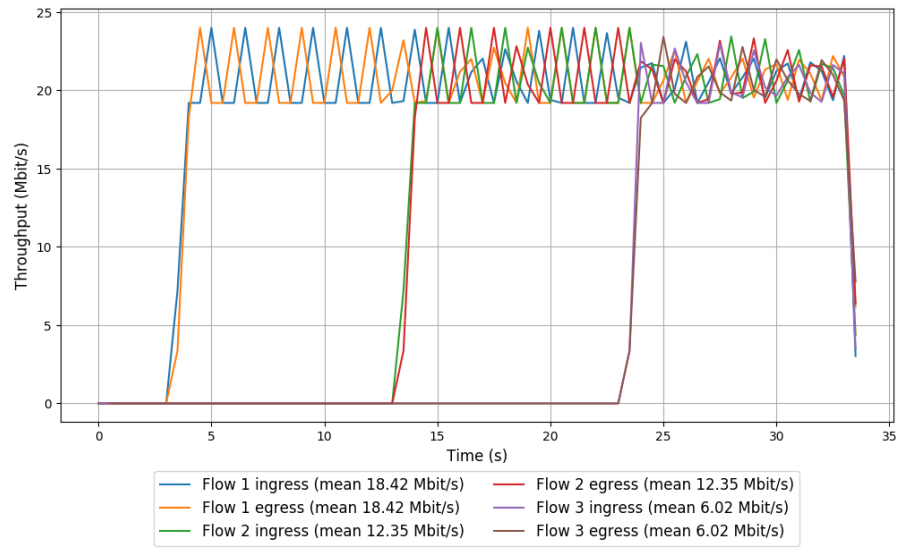
-- Flow 3:

Average throughput: 6.02 Mbit/s

95th percentile per-packet one-way delay: 76.135 ms

Loss rate: 0.00%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sat, 01 Jul 2017 10:40:06 +0000

End at: Sat, 01 Jul 2017 10:40:36 +0000

Local clock offset: 0.309 ms

Remote clock offset: -17.442 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 35.44 Mbit/s

95th percentile per-packet one-way delay: 96.693 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 17.95 Mbit/s

95th percentile per-packet one-way delay: 91.805 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 11.90 Mbit/s

95th percentile per-packet one-way delay: 97.393 ms

Loss rate: 0.00%

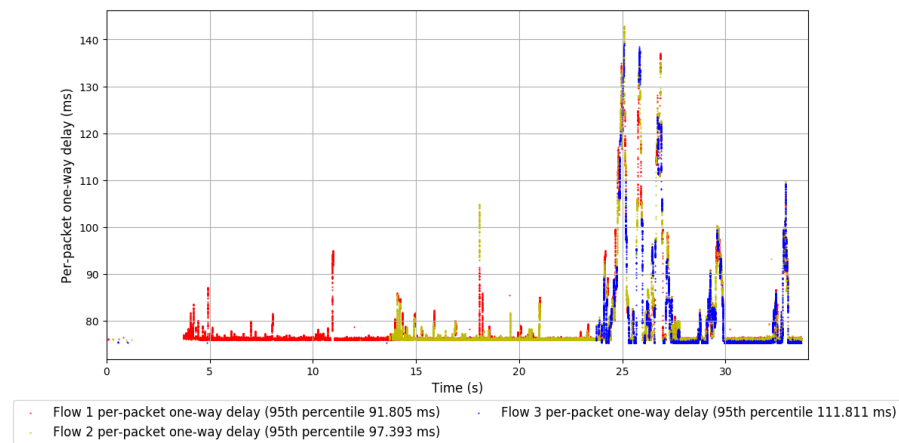
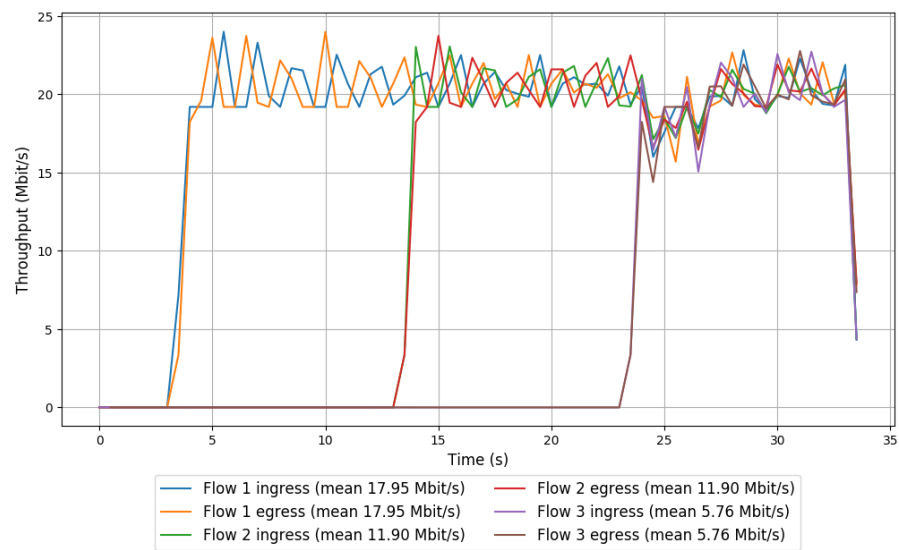
-- Flow 3:

Average throughput: 5.76 Mbit/s

95th percentile per-packet one-way delay: 111.811 ms

Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sat, 01 Jul 2017 10:58:35 +0000

End at: Sat, 01 Jul 2017 10:59:05 +0000

Local clock offset: 0.297 ms

Remote clock offset: -17.976 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.37 Mbit/s

95th percentile per-packet one-way delay: 80.433 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.20 Mbit/s

95th percentile per-packet one-way delay: 79.746 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.33 Mbit/s

95th percentile per-packet one-way delay: 80.857 ms

Loss rate: 0.00%

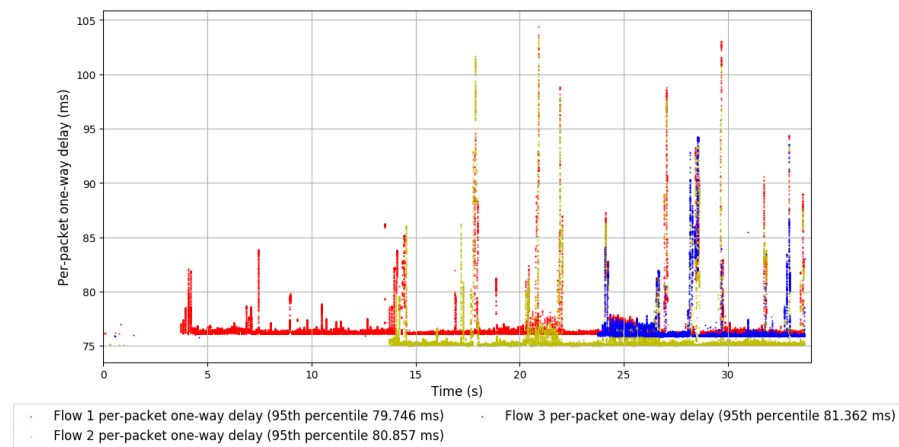
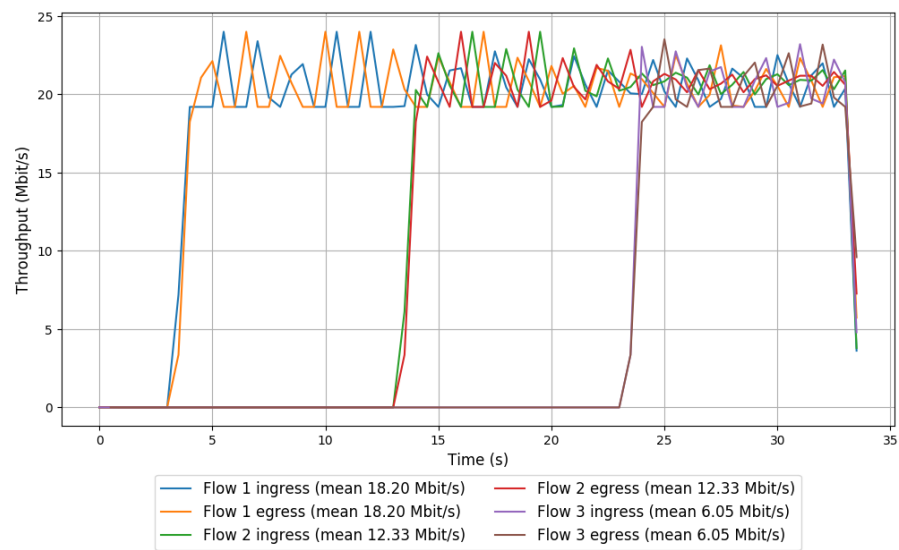
-- Flow 3:

Average throughput: 6.05 Mbit/s

95th percentile per-packet one-way delay: 81.362 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sat, 01 Jul 2017 11:17:11 +0000

End at: Sat, 01 Jul 2017 11:17:41 +0000

Local clock offset: 0.407 ms

Remote clock offset: -17.782 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.40 Mbit/s

95th percentile per-packet one-way delay: 77.717 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.39 Mbit/s

95th percentile per-packet one-way delay: 77.947 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.13 Mbit/s

95th percentile per-packet one-way delay: 77.606 ms

Loss rate: 0.00%

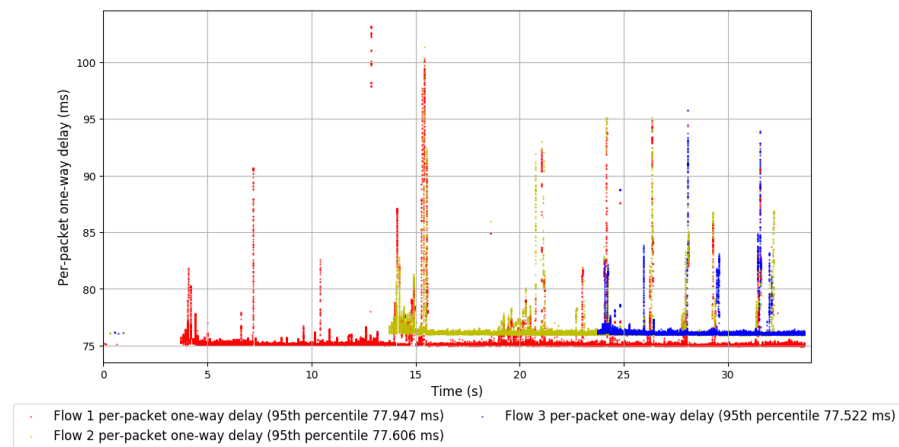
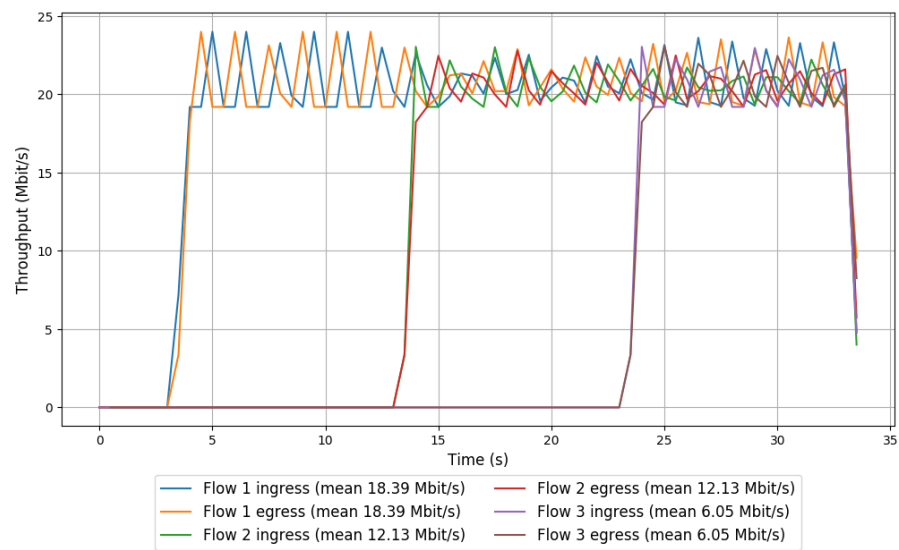
-- Flow 3:

Average throughput: 6.05 Mbit/s

95th percentile per-packet one-way delay: 77.522 ms

Loss rate: 0.00%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Sat, 01 Jul 2017 11:35:44 +0000

End at: Sat, 01 Jul 2017 11:36:14 +0000

Local clock offset: 0.531 ms

Remote clock offset: -14.793 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.32 Mbit/s

95th percentile per-packet one-way delay: 75.259 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.24 Mbit/s

95th percentile per-packet one-way delay: 76.168 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.20 Mbit/s

95th percentile per-packet one-way delay: 74.551 ms

Loss rate: 0.00%

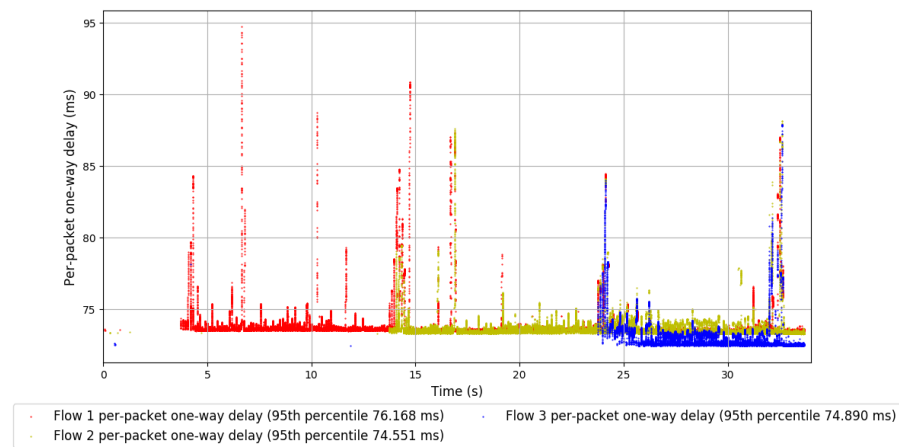
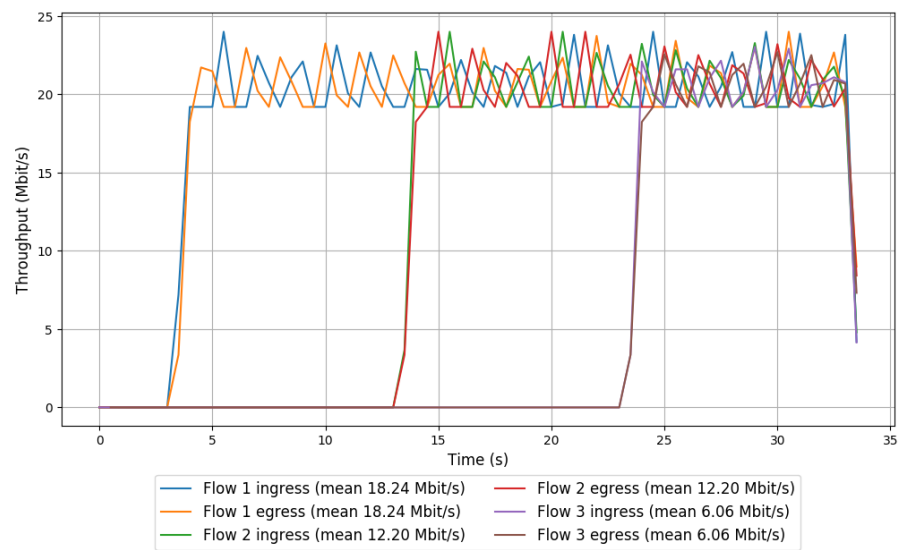
-- Flow 3:

Average throughput: 6.06 Mbit/s

95th percentile per-packet one-way delay: 74.890 ms

Loss rate: 0.00%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sat, 01 Jul 2017 11:54:19 +0000

End at: Sat, 01 Jul 2017 11:54:49 +0000

Local clock offset: 0.529 ms

Remote clock offset: -12.843 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 36.17 Mbit/s

95th percentile per-packet one-way delay: 72.710 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 18.28 Mbit/s

95th percentile per-packet one-way delay: 71.939 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 12.09 Mbit/s

95th percentile per-packet one-way delay: 72.606 ms

Loss rate: 0.00%

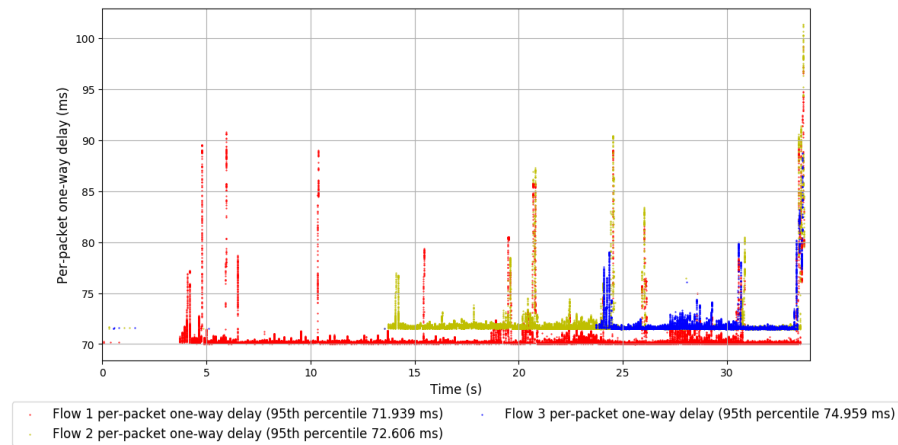
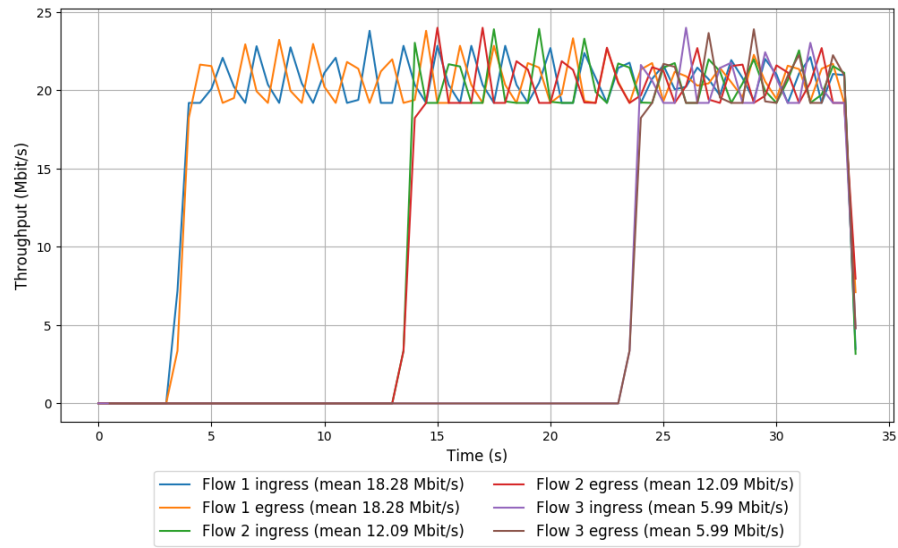
-- Flow 3:

Average throughput: 5.99 Mbit/s

95th percentile per-packet one-way delay: 74.959 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 09:22:02 +0000

End at: Sat, 01 Jul 2017 09:22:32 +0000

Local clock offset: 0.2 ms

Remote clock offset: -15.509 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 74.658 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 73.150 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 74.689 ms

Loss rate: 0.00%

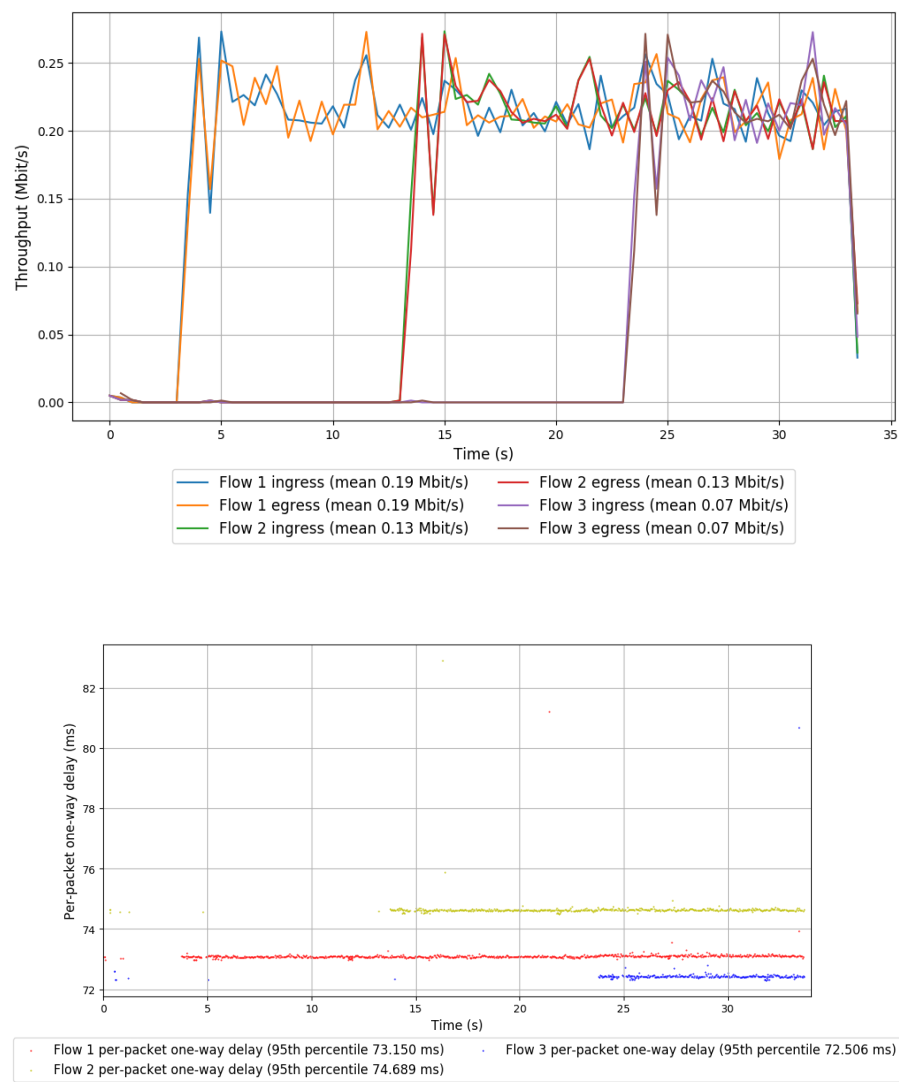
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 72.506 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 09:40:47 +0000

End at: Sat, 01 Jul 2017 09:41:17 +0000

Local clock offset: 0.243 ms

Remote clock offset: -15.295 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 72.993 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 72.200 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 72.288 ms

Loss rate: 0.00%

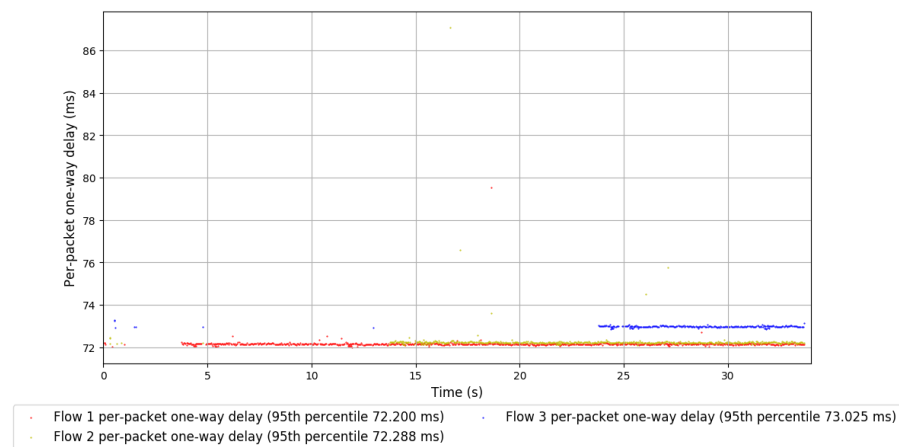
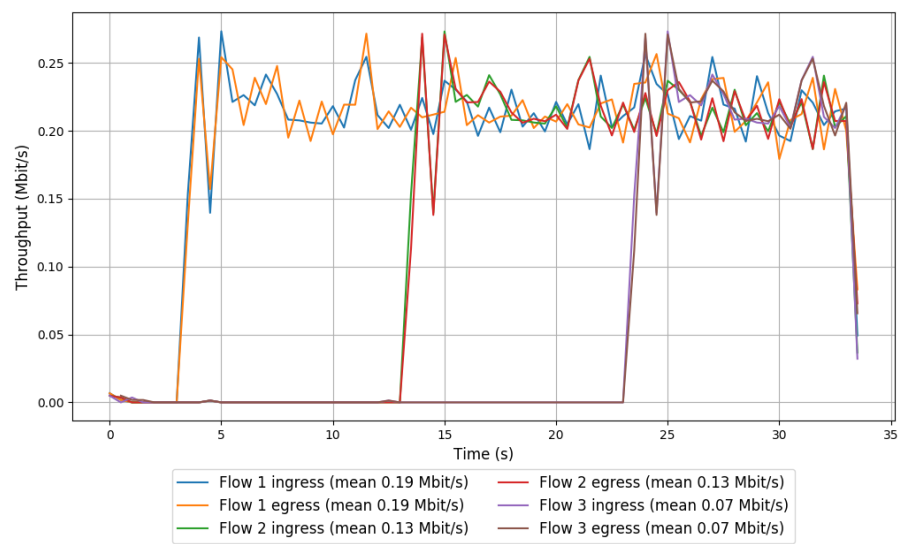
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 73.025 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 09:59:24 +0000

End at: Sat, 01 Jul 2017 09:59:54 +0000

Local clock offset: 0.185 ms

Remote clock offset: -14.259 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 72.556 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 72.253 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 72.577 ms

Loss rate: 0.00%

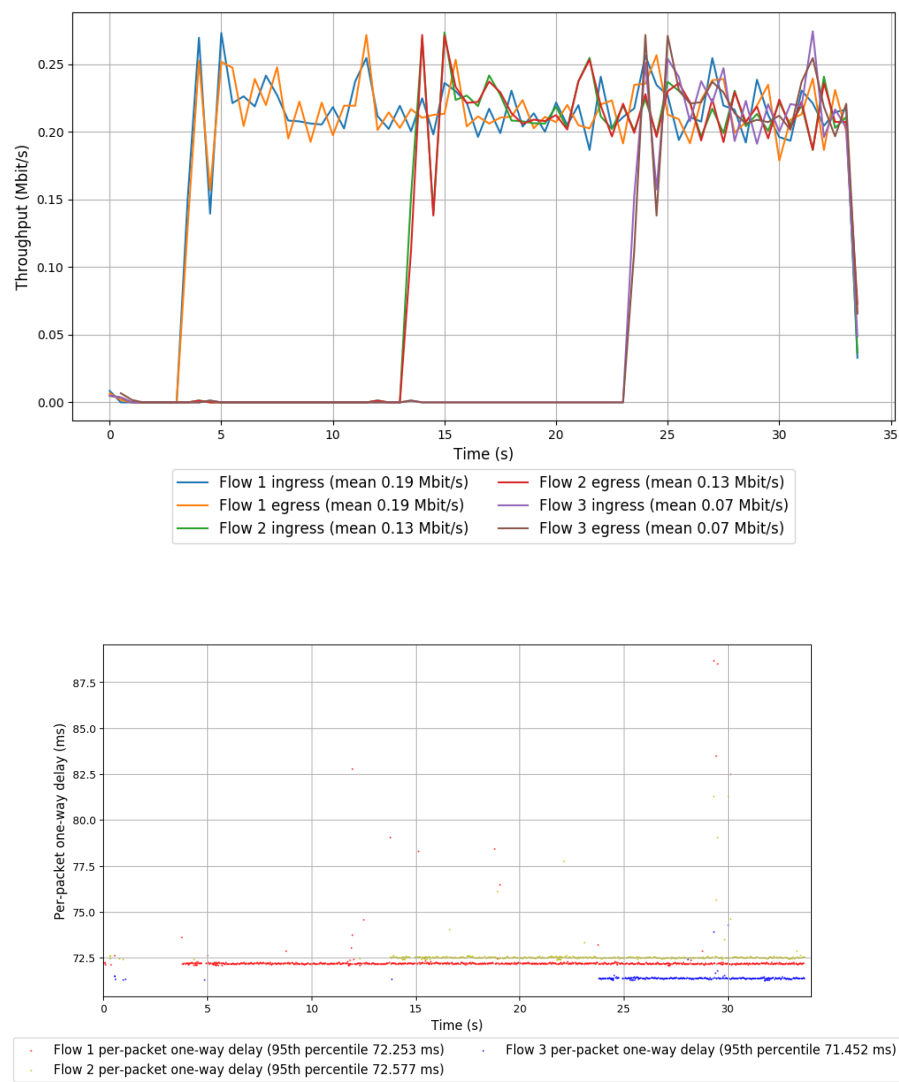
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 71.452 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 10:18:00 +0000

End at: Sat, 01 Jul 2017 10:18:30 +0000

Local clock offset: 0.208 ms

Remote clock offset: -15.74 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 74.600 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 74.619 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 72.751 ms

Loss rate: 0.00%

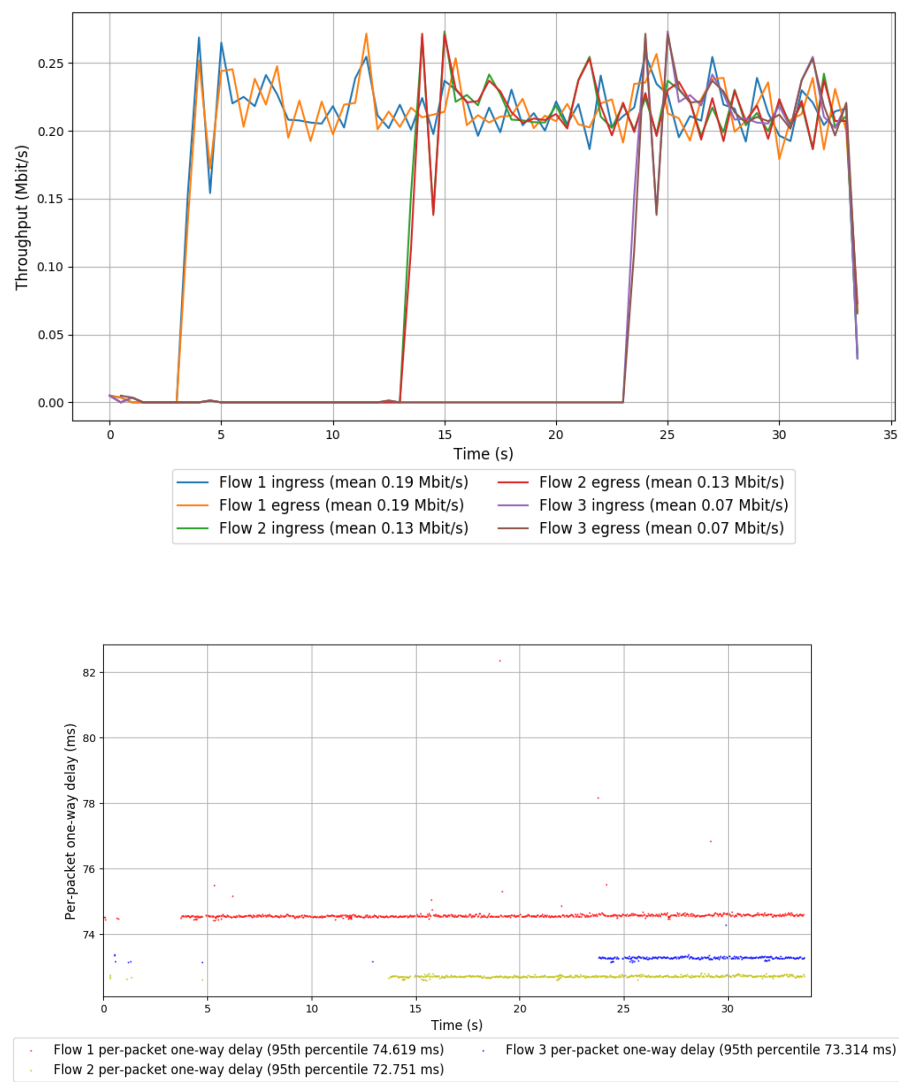
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 73.314 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 10:36:36 +0000

End at: Sat, 01 Jul 2017 10:37:06 +0000

Local clock offset: 0.36 ms

Remote clock offset: -16.954 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 75.626 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 74.310 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 75.671 ms

Loss rate: 0.00%

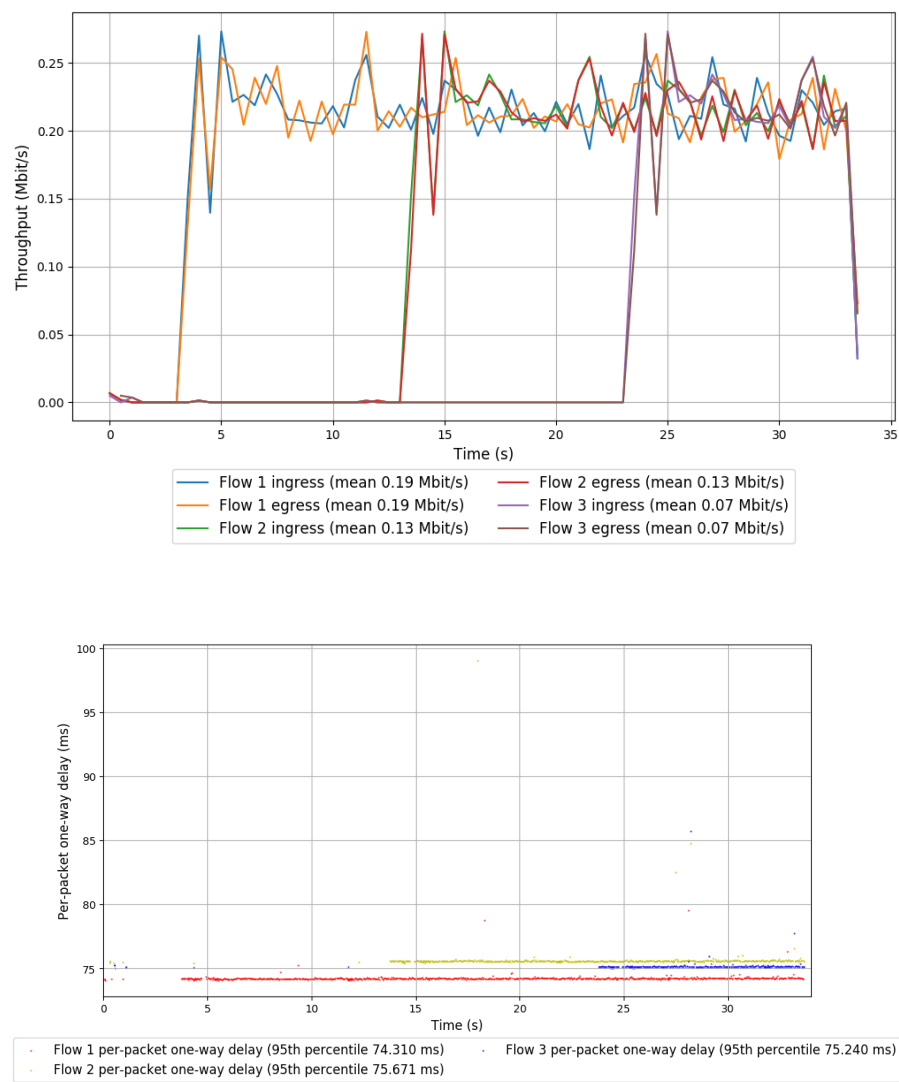
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 75.240 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 10:55:05 +0000

End at: Sat, 01 Jul 2017 10:55:35 +0000

Local clock offset: 0.352 ms

Remote clock offset: -17.207 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 75.912 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 75.899 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: 75.922 ms

Loss rate: 0.00%

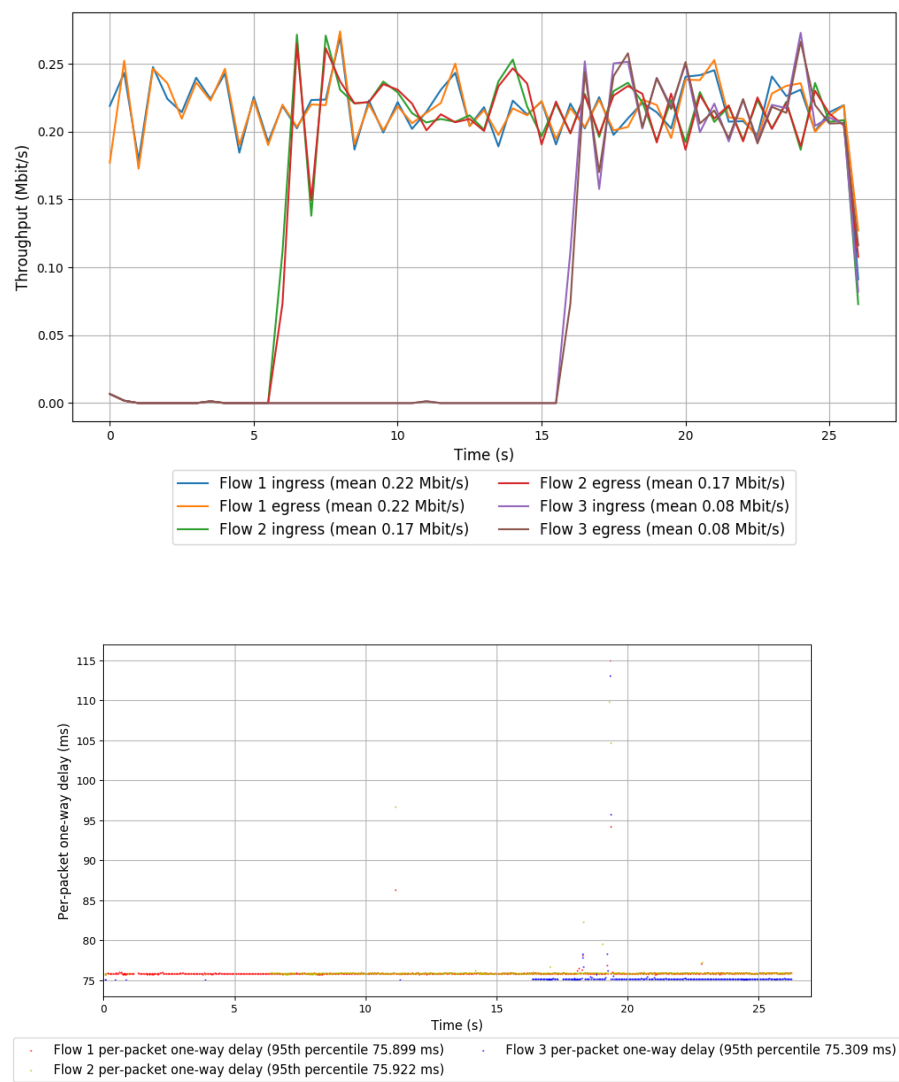
-- Flow 3:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 75.309 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 11:13:40 +0000

End at: Sat, 01 Jul 2017 11:14:10 +0000

Local clock offset: 0.42 ms

Remote clock offset: -18.654 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 77.378 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 75.984 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 77.403 ms

Loss rate: 0.00%

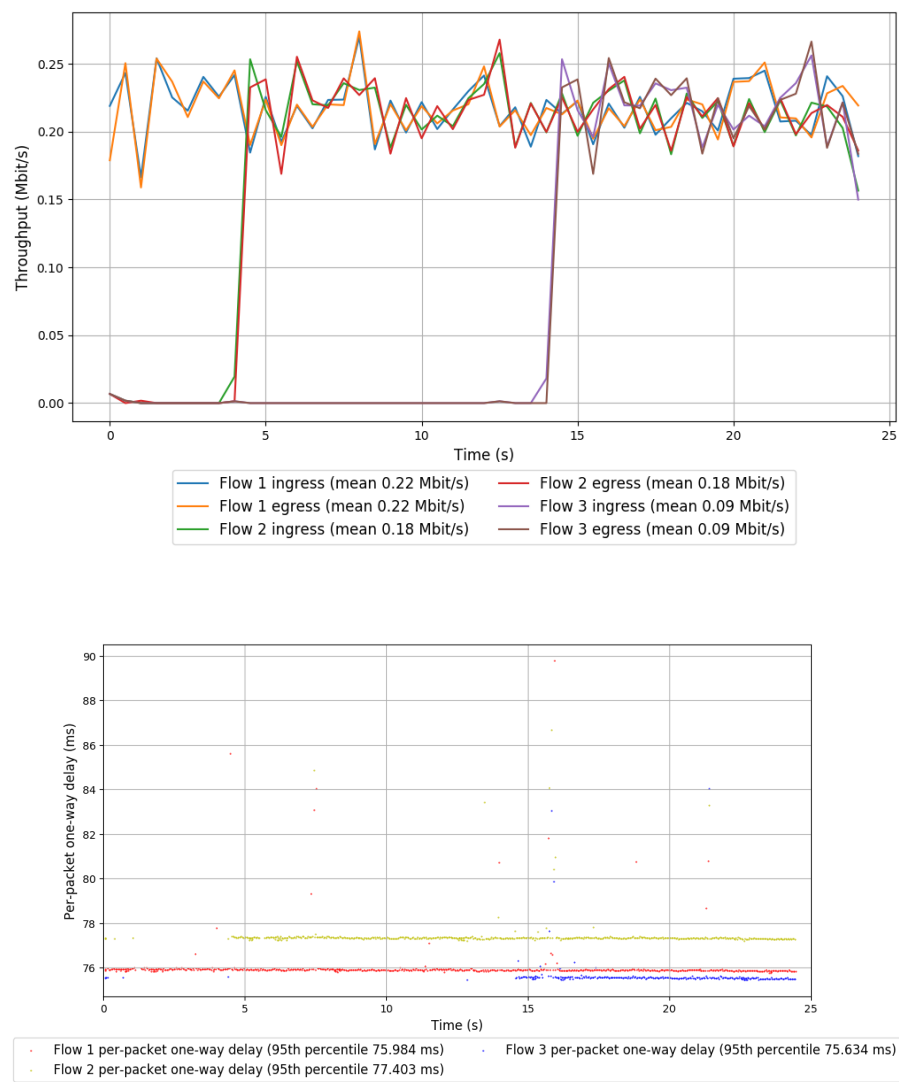
-- Flow 3:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 75.634 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 11:32:13 +0000

End at: Sat, 01 Jul 2017 11:32:43 +0000

Local clock offset: 0.492 ms

Remote clock offset: -15.266 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 73.782 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 73.791 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 73.517 ms

Loss rate: 0.00%

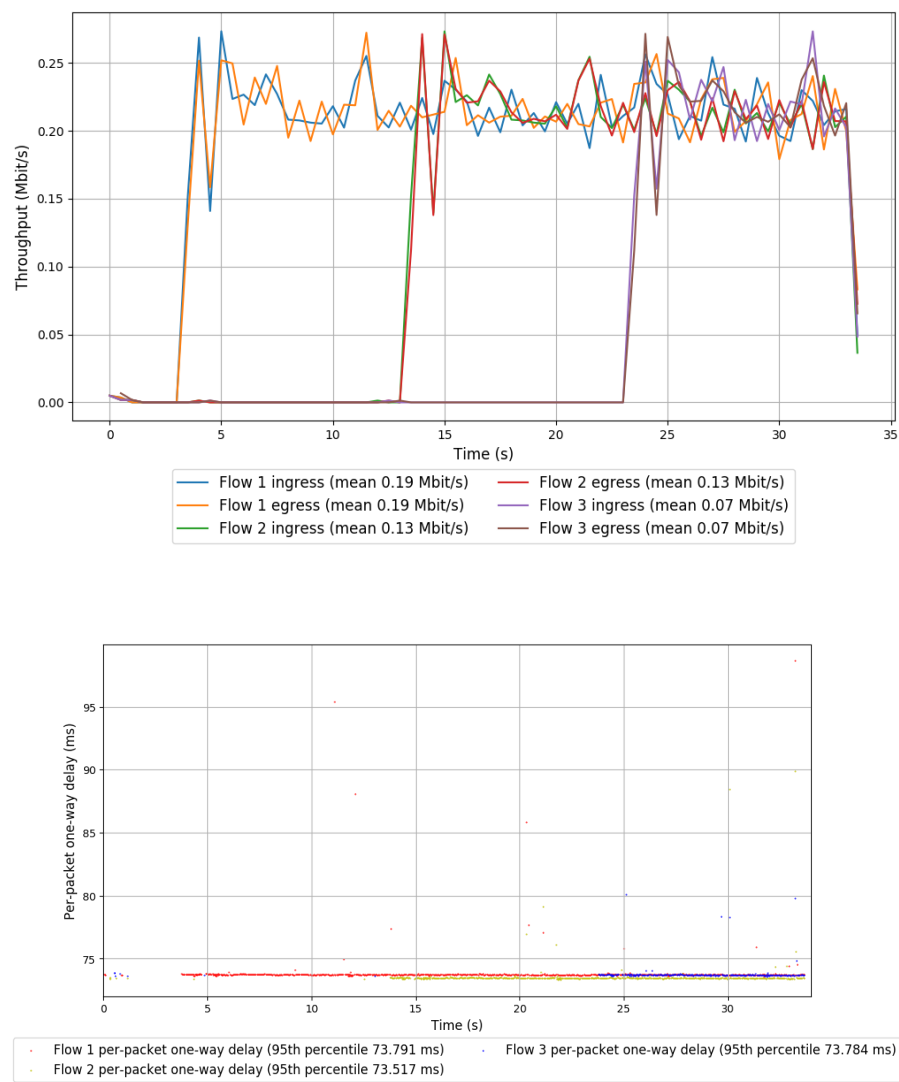
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 73.784 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 11:50:48 +0000

End at: Sat, 01 Jul 2017 11:51:18 +0000

Local clock offset: 0.496 ms

Remote clock offset: -12.903 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 71.735 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 71.751 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 71.626 ms

Loss rate: 0.00%

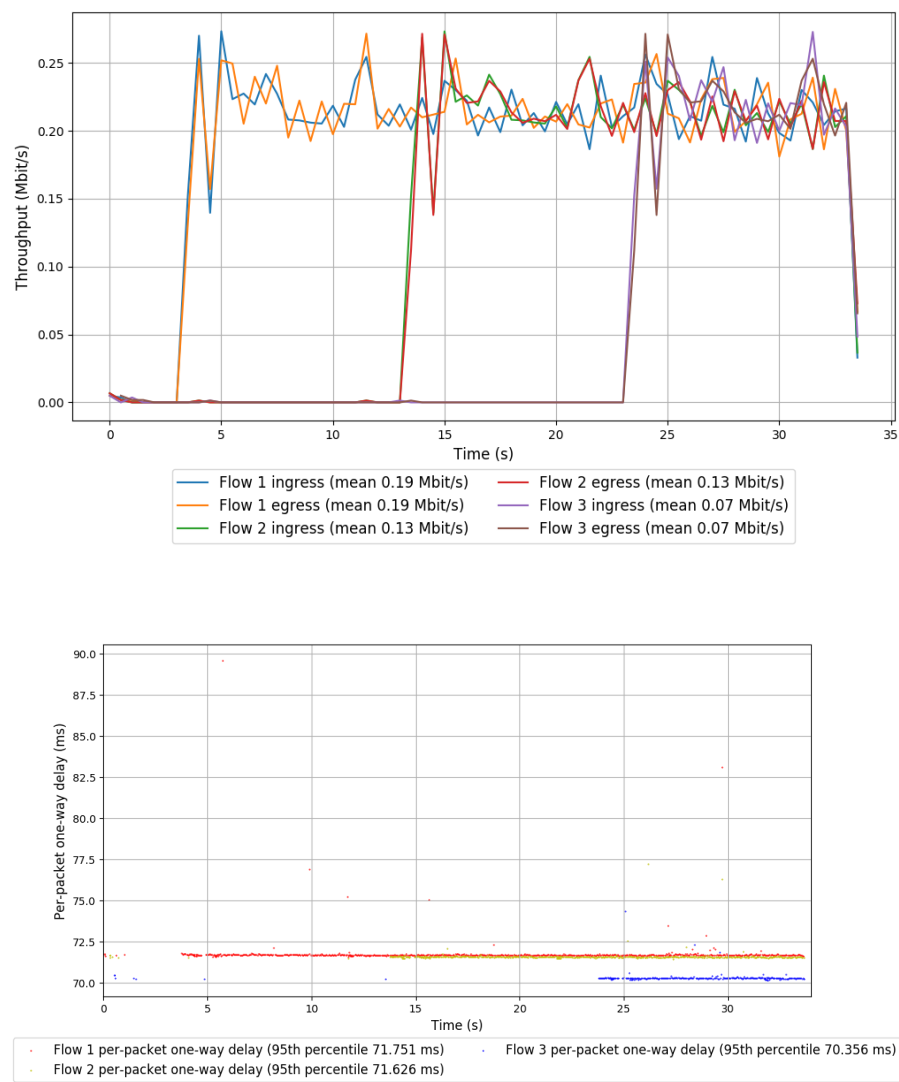
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 70.356 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Sat, 01 Jul 2017 12:09:24 +0000

End at: Sat, 01 Jul 2017 12:09:54 +0000

Local clock offset: 0.512 ms

Remote clock offset: -11.545 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 70.084 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 69.071 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 69.370 ms

Loss rate: 0.00%

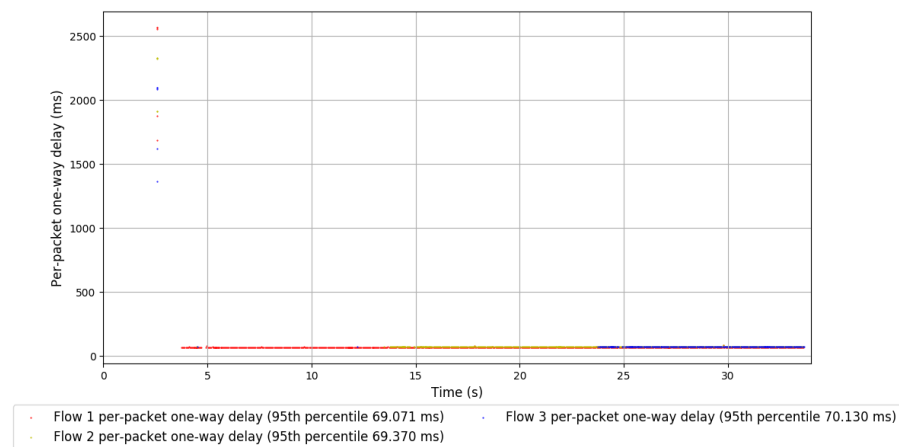
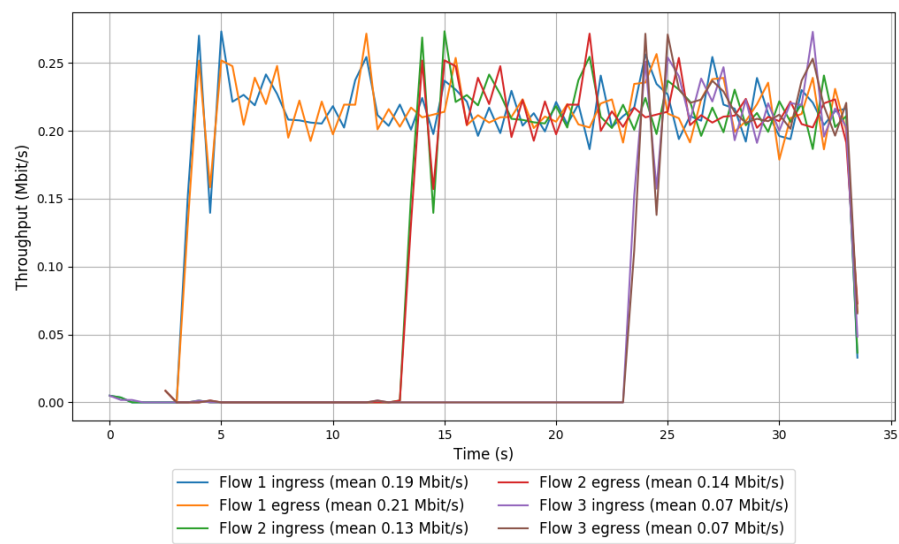
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 70.130 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sat, 01 Jul 2017 09:23:11 +0000

End at: Sat, 01 Jul 2017 09:23:41 +0000

Local clock offset: 0.227 ms

Remote clock offset: -15.866 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.64 Mbit/s

95th percentile per-packet one-way delay: 75.219 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.53 Mbit/s

95th percentile per-packet one-way delay: 73.923 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.26 Mbit/s

95th percentile per-packet one-way delay: 73.778 ms

Loss rate: 0.00%

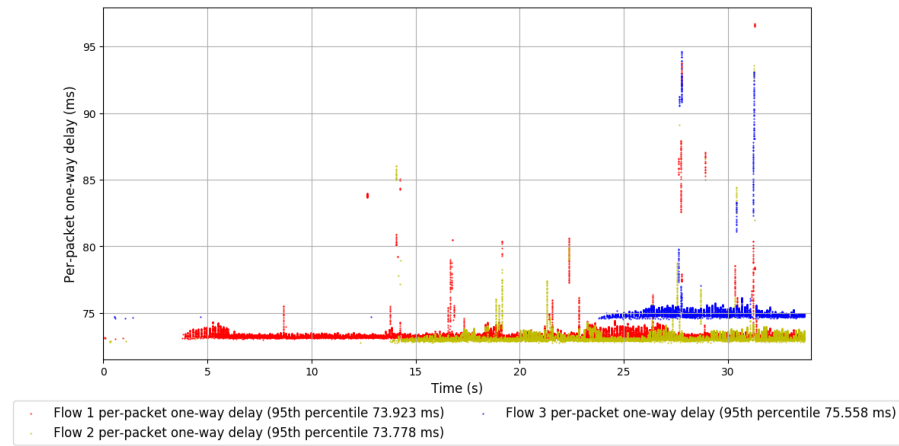
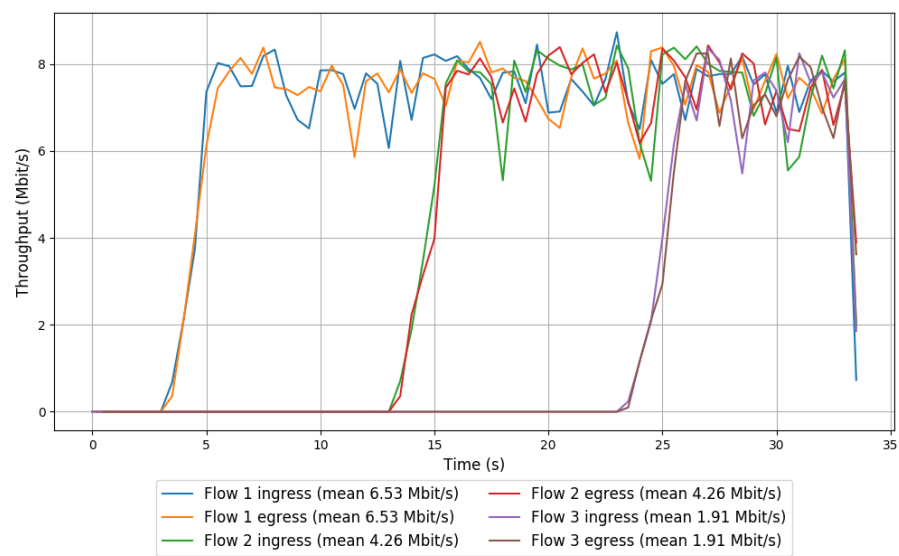
-- Flow 3:

Average throughput: 1.91 Mbit/s

95th percentile per-packet one-way delay: 75.558 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sat, 01 Jul 2017 09:41:55 +0000

End at: Sat, 01 Jul 2017 09:42:25 +0000

Local clock offset: 0.187 ms

Remote clock offset: -15.127 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.87 Mbit/s

95th percentile per-packet one-way delay: 73.612 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.56 Mbit/s

95th percentile per-packet one-way delay: 73.218 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.28 Mbit/s

95th percentile per-packet one-way delay: 73.624 ms

Loss rate: 0.00%

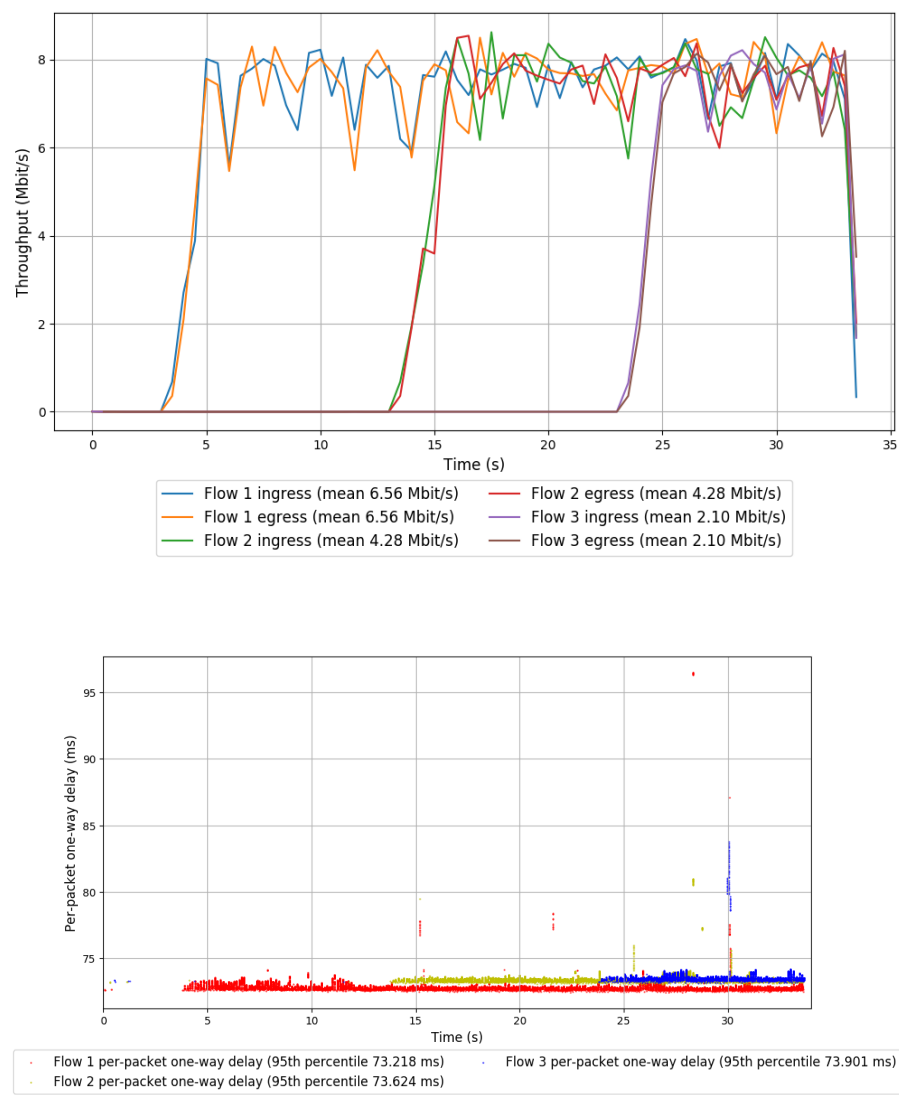
-- Flow 3:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 73.901 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sat, 01 Jul 2017 10:00:33 +0000

End at: Sat, 01 Jul 2017 10:01:03 +0000

Local clock offset: 0.247 ms

Remote clock offset: -14.137 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.97 Mbit/s

95th percentile per-packet one-way delay: 72.770 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.58 Mbit/s

95th percentile per-packet one-way delay: 72.530 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.35 Mbit/s

95th percentile per-packet one-way delay: 71.983 ms

Loss rate: 0.00%

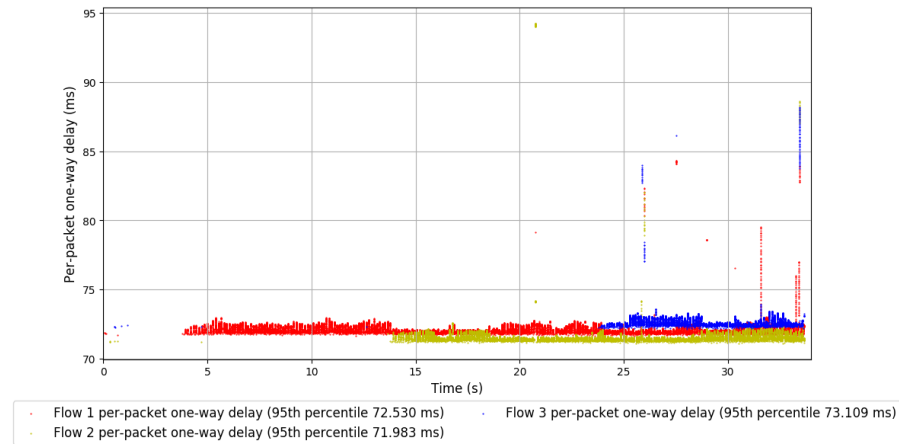
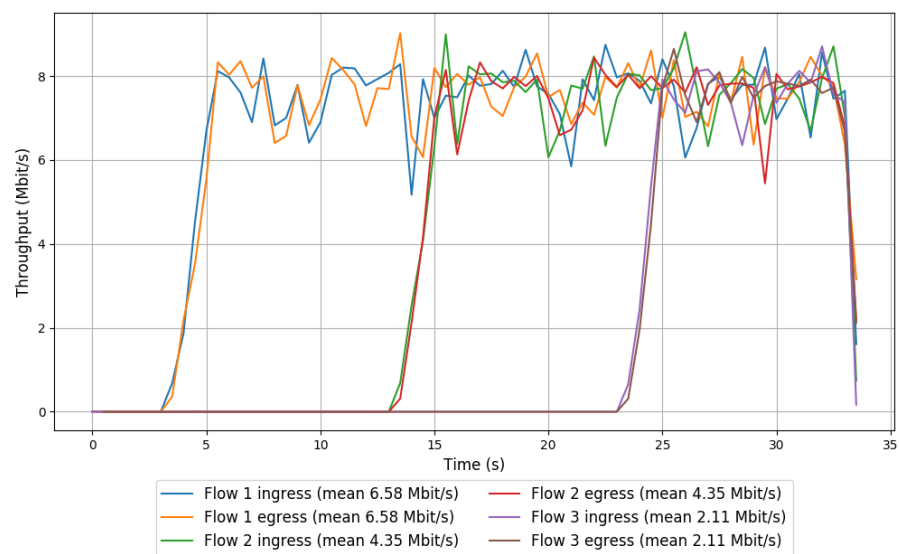
-- Flow 3:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 73.109 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sat, 01 Jul 2017 10:19:09 +0000

End at: Sat, 01 Jul 2017 10:19:39 +0000

Local clock offset: 0.32 ms

Remote clock offset: -15.754 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.59 Mbit/s

95th percentile per-packet one-way delay: 74.771 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.35 Mbit/s

95th percentile per-packet one-way delay: 74.862 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.23 Mbit/s

95th percentile per-packet one-way delay: 73.950 ms

Loss rate: 0.00%

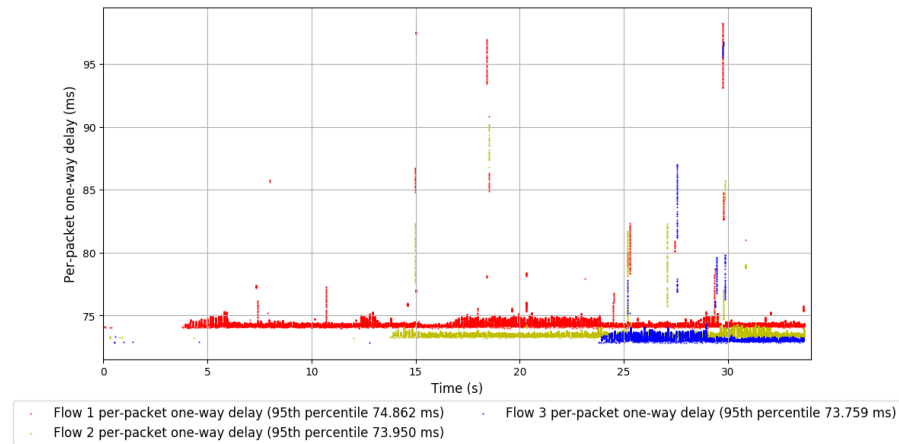
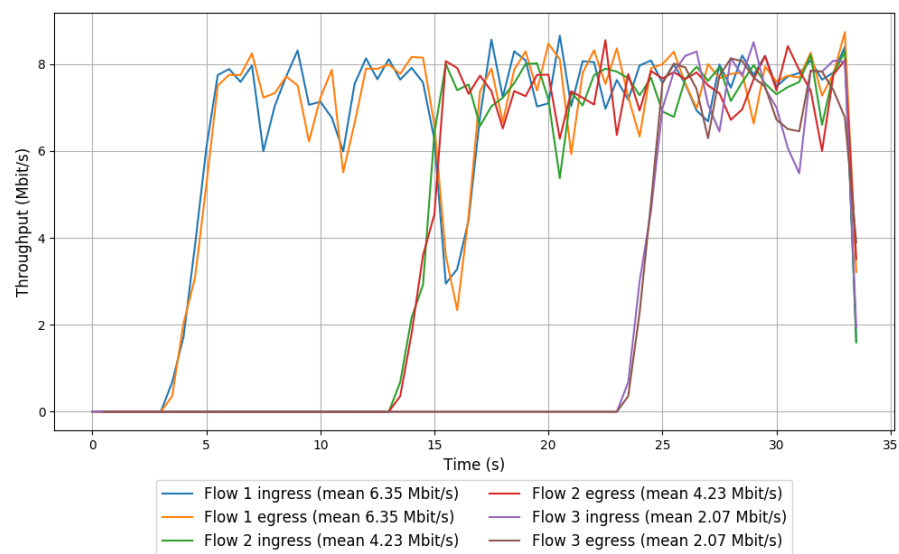
-- Flow 3:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 73.759 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sat, 01 Jul 2017 10:37:44 +0000

End at: Sat, 01 Jul 2017 10:38:14 +0000

Local clock offset: 0.366 ms

Remote clock offset: -17.047 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.40 Mbit/s

95th percentile per-packet one-way delay: 77.026 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.46 Mbit/s

95th percentile per-packet one-way delay: 76.130 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.02 Mbit/s

95th percentile per-packet one-way delay: 77.418 ms

Loss rate: 0.00%

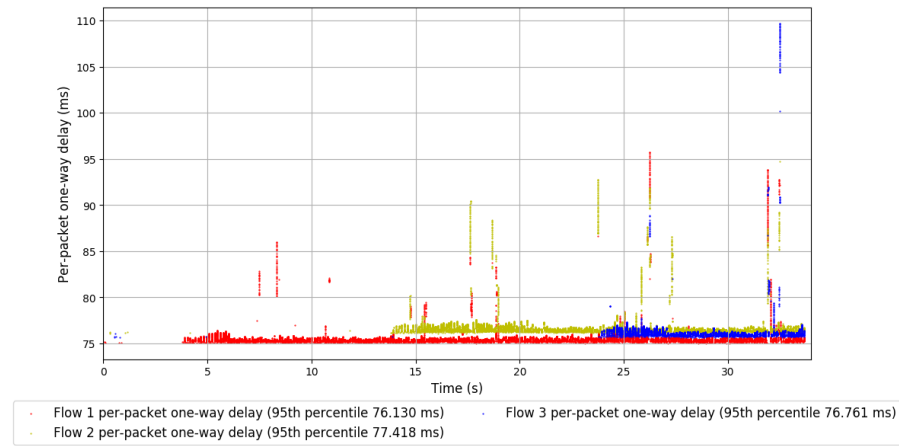
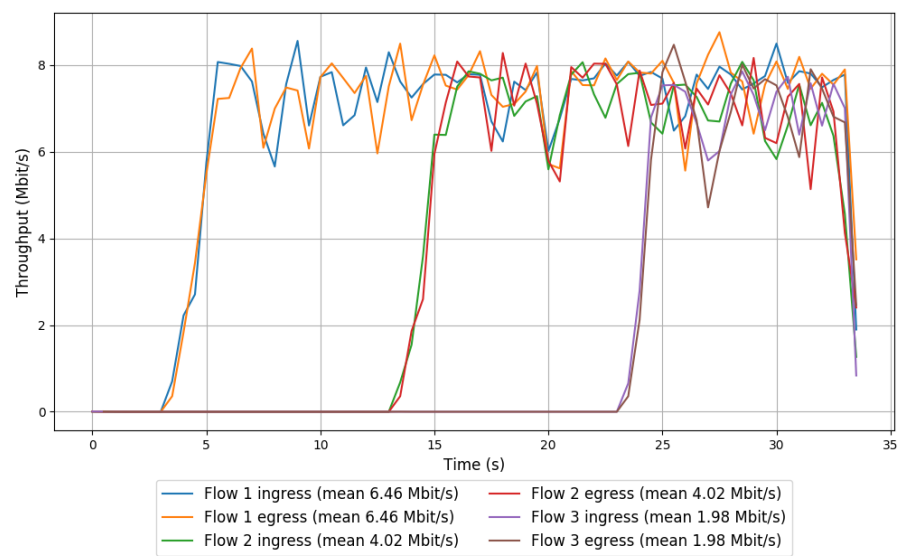
-- Flow 3:

Average throughput: 1.98 Mbit/s

95th percentile per-packet one-way delay: 76.761 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sat, 01 Jul 2017 10:56:14 +0000

End at: Sat, 01 Jul 2017 10:56:44 +0000

Local clock offset: 0.308 ms

Remote clock offset: -17.963 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 13.35 Mbit/s

95th percentile per-packet one-way delay: 76.701 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.85 Mbit/s

95th percentile per-packet one-way delay: 75.448 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.44 Mbit/s

95th percentile per-packet one-way delay: 76.874 ms

Loss rate: 0.00%

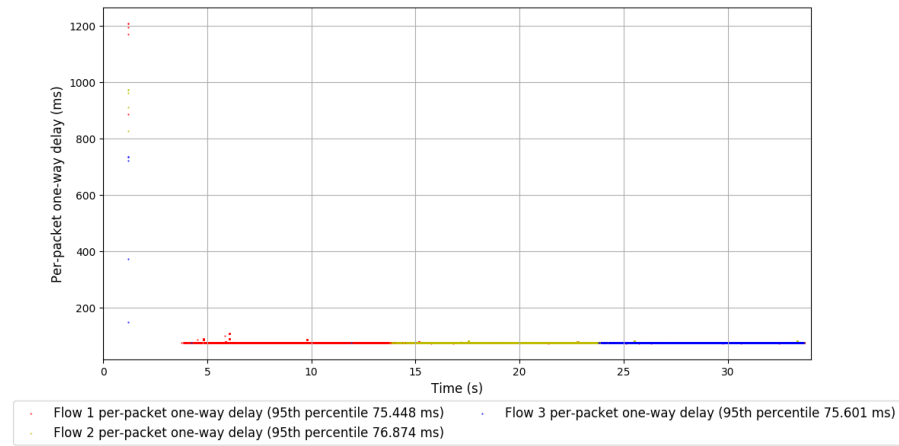
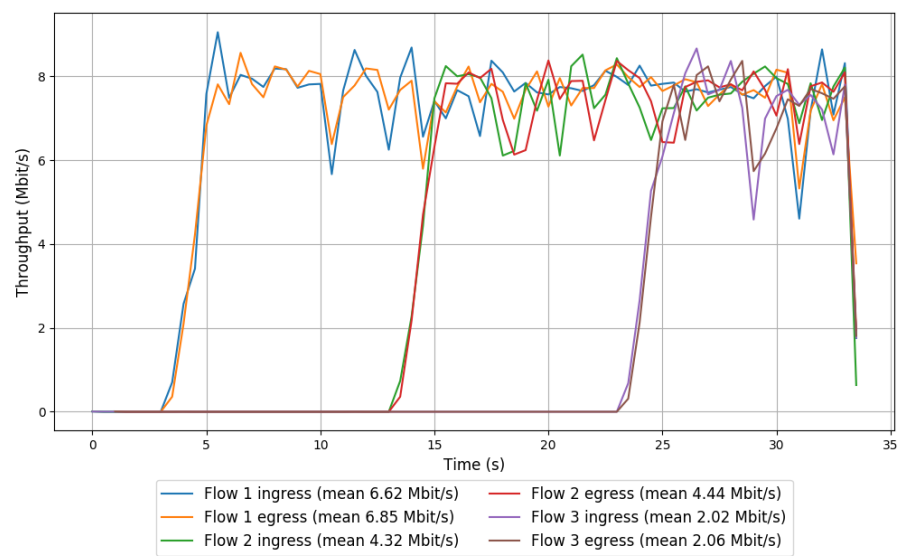
-- Flow 3:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 75.601 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sat, 01 Jul 2017 11:14:49 +0000

End at: Sat, 01 Jul 2017 11:15:19 +0000

Local clock offset: 0.424 ms

Remote clock offset: -18.404 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:34 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.58 Mbit/s

95th percentile per-packet one-way delay: 77.216 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.37 Mbit/s

95th percentile per-packet one-way delay: 77.291 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.17 Mbit/s

95th percentile per-packet one-way delay: 76.526 ms

Loss rate: 0.00%

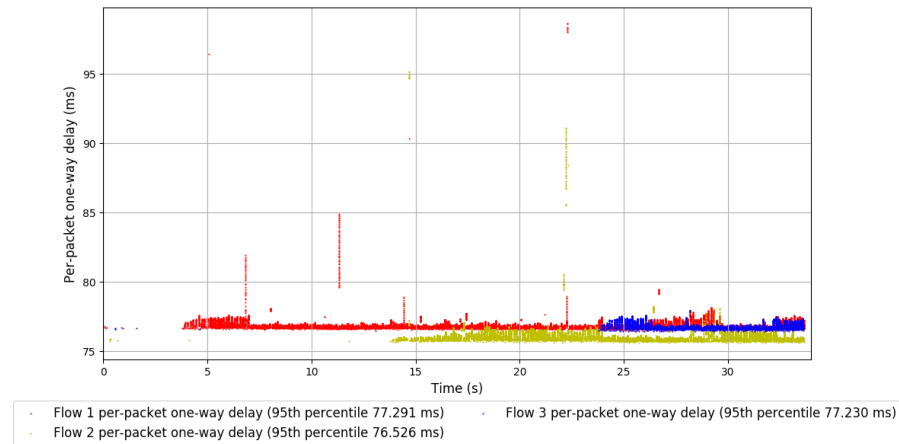
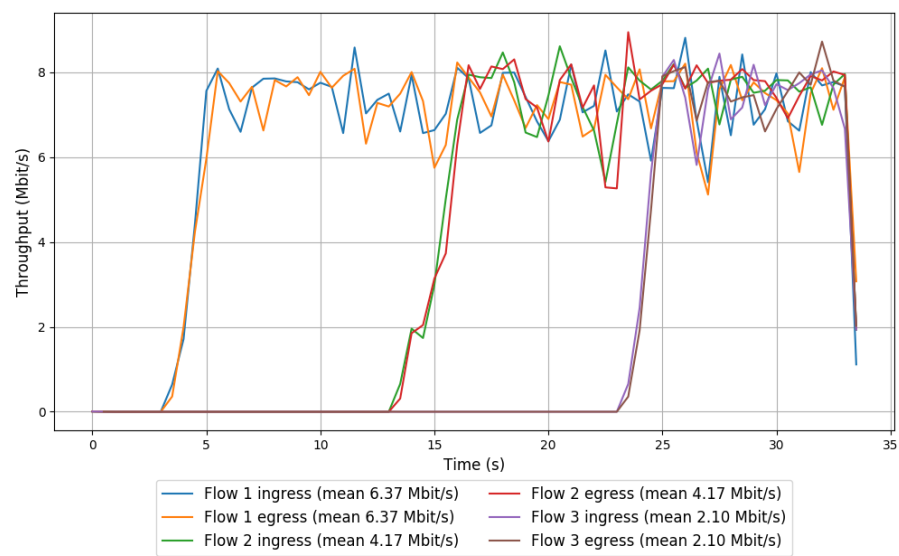
-- Flow 3:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 77.230 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sat, 01 Jul 2017 11:33:22 +0000

End at: Sat, 01 Jul 2017 11:33:52 +0000

Local clock offset: 0.448 ms

Remote clock offset: -14.956 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:34 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.93 Mbit/s

95th percentile per-packet one-way delay: 72.909 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.56 Mbit/s

95th percentile per-packet one-way delay: 72.973 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.40 Mbit/s

95th percentile per-packet one-way delay: 72.758 ms

Loss rate: 0.00%

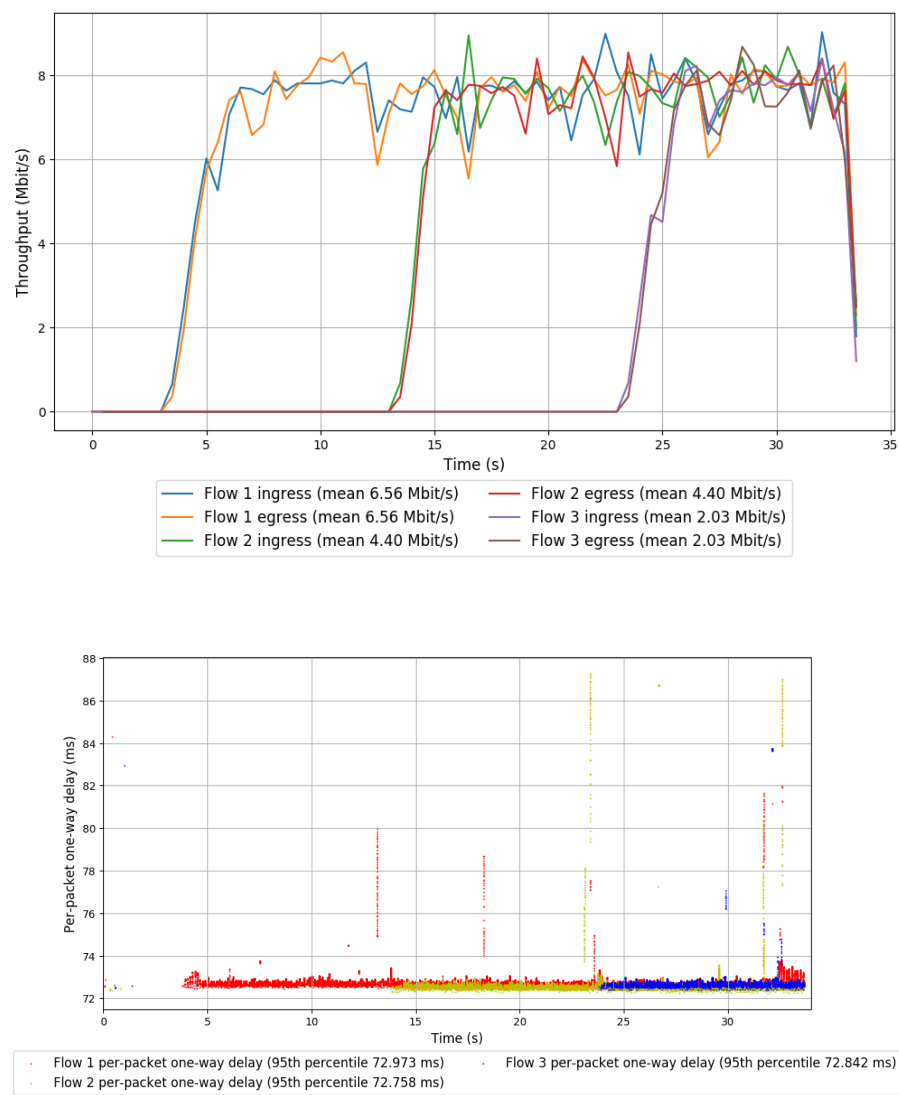
-- Flow 3:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 72.842 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sat, 01 Jul 2017 11:51:57 +0000

End at: Sat, 01 Jul 2017 11:52:27 +0000

Local clock offset: 0.57 ms

Remote clock offset: -12.948 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.91 Mbit/s

95th percentile per-packet one-way delay: 71.013 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.56 Mbit/s

95th percentile per-packet one-way delay: 71.156 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.33 Mbit/s

95th percentile per-packet one-way delay: 70.854 ms

Loss rate: 0.00%

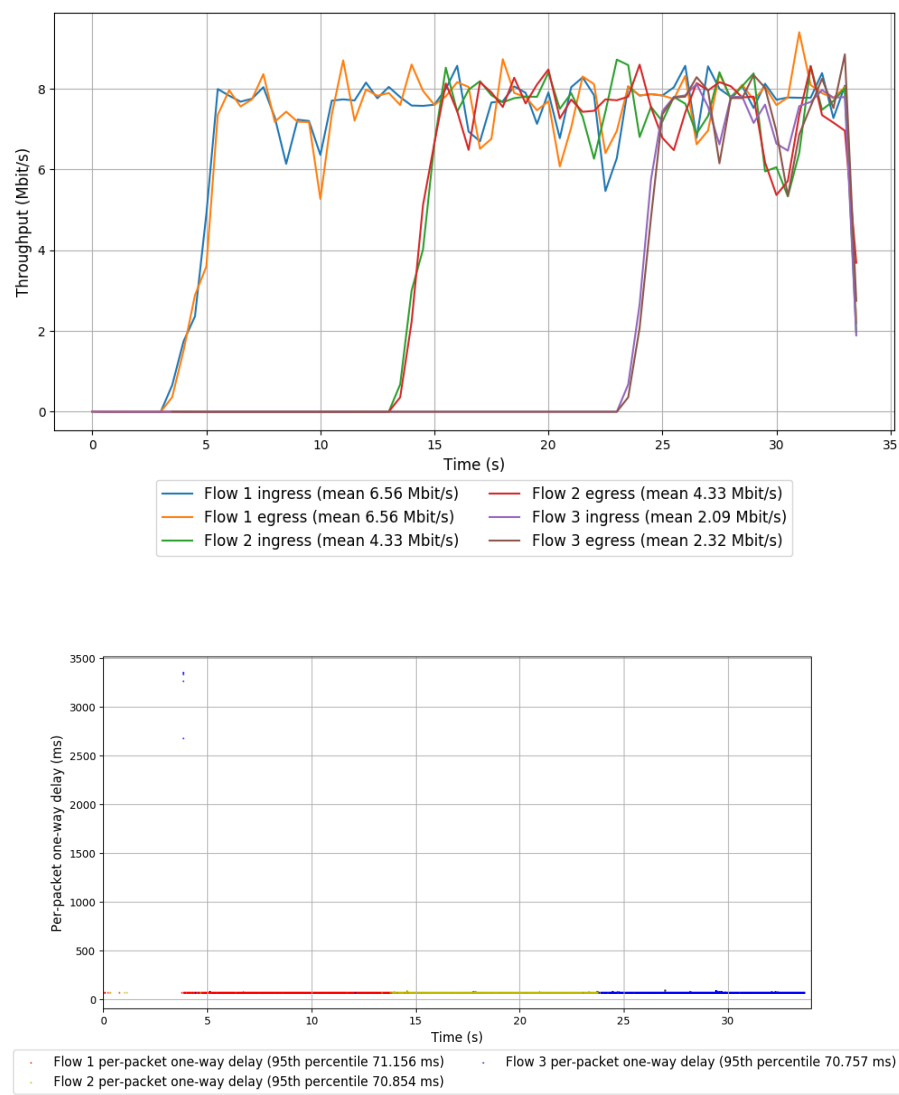
-- Flow 3:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 70.757 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sat, 01 Jul 2017 12:10:33 +0000

End at: Sat, 01 Jul 2017 12:11:03 +0000

Local clock offset: 0.484 ms

Remote clock offset: -11.69 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 12.57 Mbit/s

95th percentile per-packet one-way delay: 70.618 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 6.18 Mbit/s

95th percentile per-packet one-way delay: 70.734 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 4.38 Mbit/s

95th percentile per-packet one-way delay: 69.754 ms

Loss rate: 0.00%

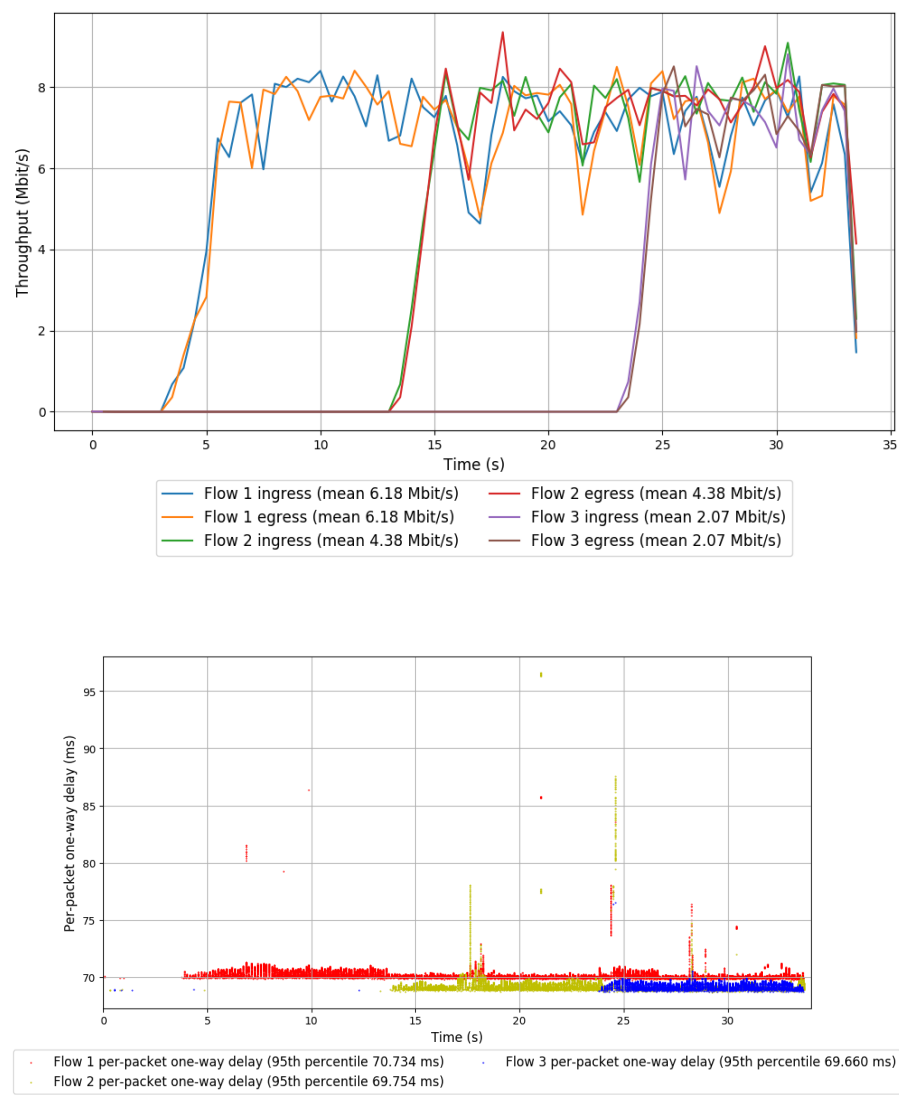
-- Flow 3:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 69.660 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 09:08:09 +0000

End at: Sat, 01 Jul 2017 09:08:39 +0000

Local clock offset: 0.121 ms

Remote clock offset: -14.887 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.89 Mbit/s

95th percentile per-packet one-way delay: 200.439 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 50.40 Mbit/s

95th percentile per-packet one-way delay: 192.363 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.34 Mbit/s

95th percentile per-packet one-way delay: 209.647 ms

Loss rate: 0.00%

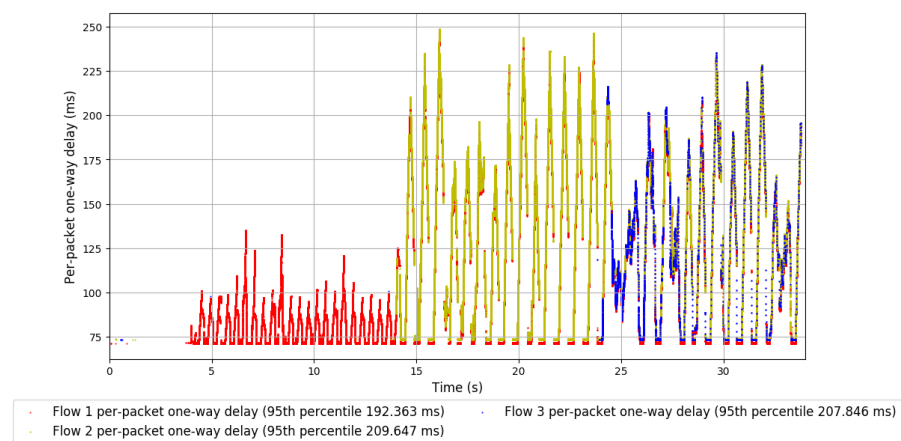
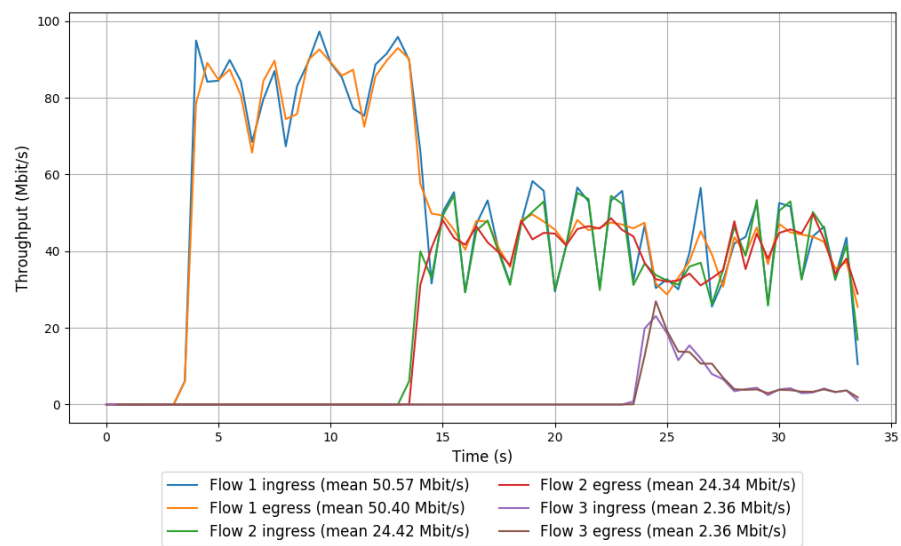
-- Flow 3:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 207.846 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 09:26:51 +0000

End at: Sat, 01 Jul 2017 09:27:21 +0000

Local clock offset: 0.203 ms

Remote clock offset: -16.301 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:11:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.75 Mbit/s

95th percentile per-packet one-way delay: 203.202 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 50.43 Mbit/s

95th percentile per-packet one-way delay: 194.437 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 23.87 Mbit/s

95th percentile per-packet one-way delay: 214.432 ms

Loss rate: 0.00%

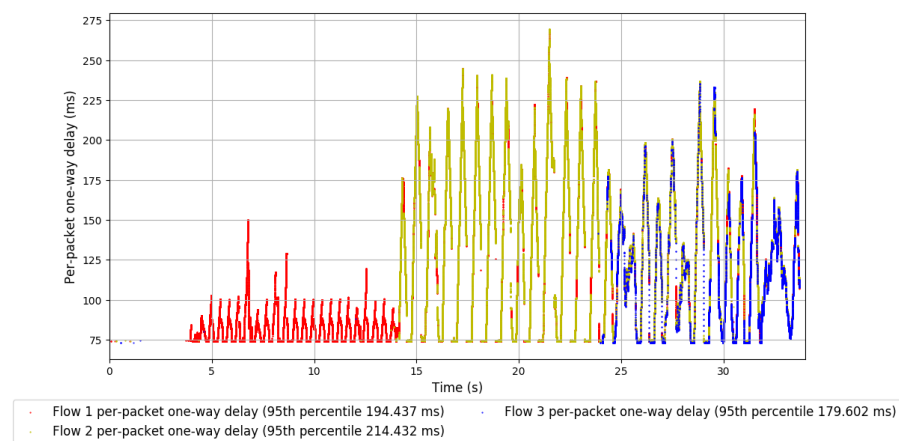
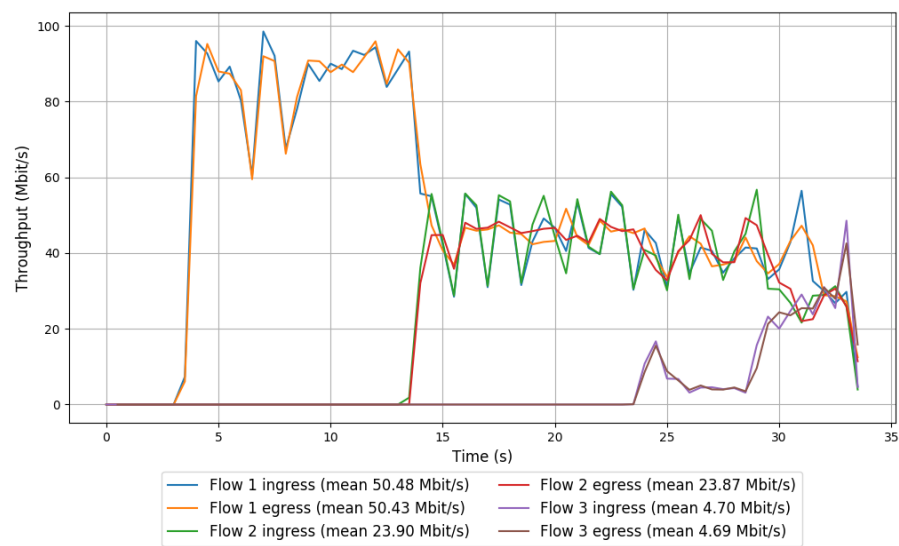
-- Flow 3:

Average throughput: 4.69 Mbit/s

95th percentile per-packet one-way delay: 179.602 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 09:45:30 +0000

End at: Sat, 01 Jul 2017 09:46:00 +0000

Local clock offset: 0.235 ms

Remote clock offset: -15.002 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:12:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.57 Mbit/s

95th percentile per-packet one-way delay: 199.493 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 48.34 Mbit/s

95th percentile per-packet one-way delay: 190.125 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 19.76 Mbit/s

95th percentile per-packet one-way delay: 212.336 ms

Loss rate: 0.00%

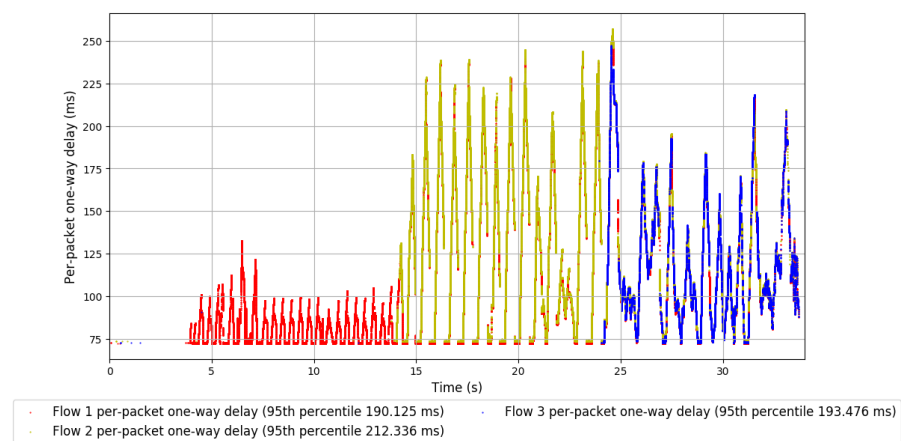
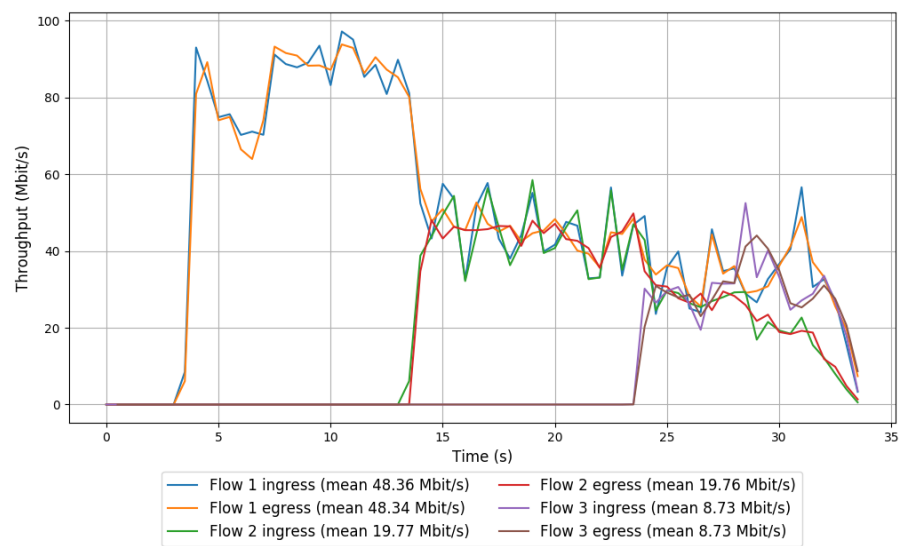
-- Flow 3:

Average throughput: 8.73 Mbit/s

95th percentile per-packet one-way delay: 193.476 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

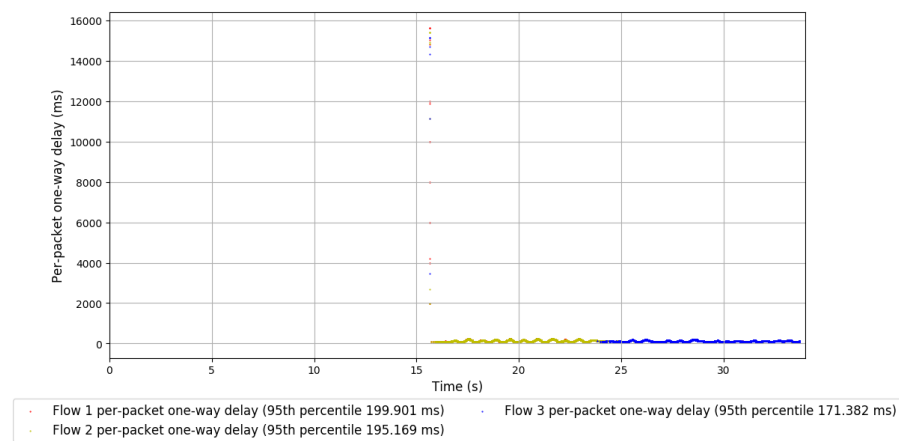
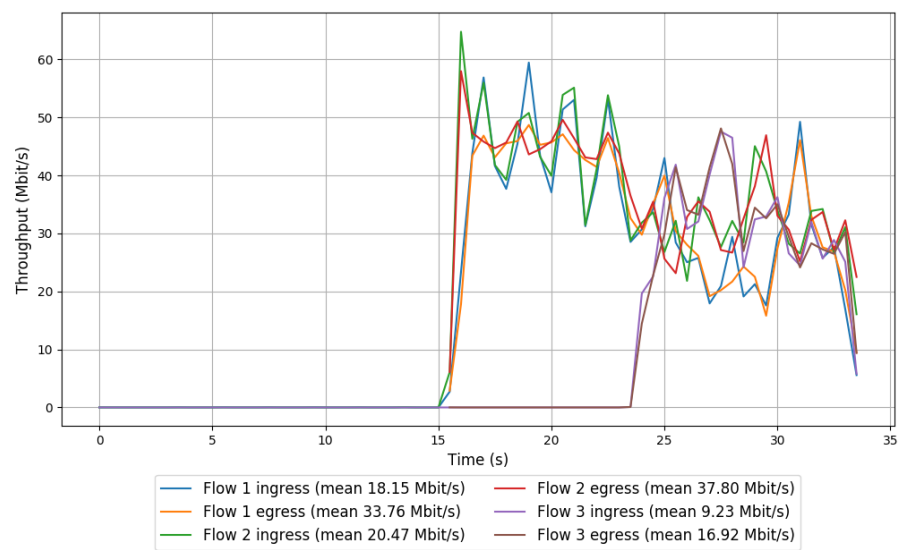
Start at: Sat, 01 Jul 2017 10:04:08 +0000

End at: Sat, 01 Jul 2017 10:04:38 +0000

Local clock offset: 0.215 ms

Remote clock offset: -14.002 ms

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



Run 5: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 10:22:44 +0000

End at: Sat, 01 Jul 2017 10:23:14 +0000

Local clock offset: 0.34 ms

Remote clock offset: -16.197 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:12:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.83 Mbit/s

95th percentile per-packet one-way delay: 196.456 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 44.98 Mbit/s

95th percentile per-packet one-way delay: 191.323 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 23.32 Mbit/s

95th percentile per-packet one-way delay: 205.362 ms

Loss rate: 0.00%

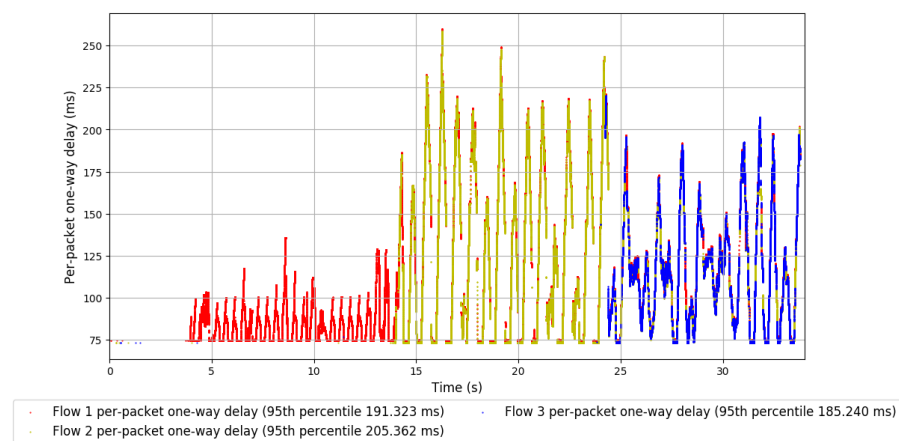
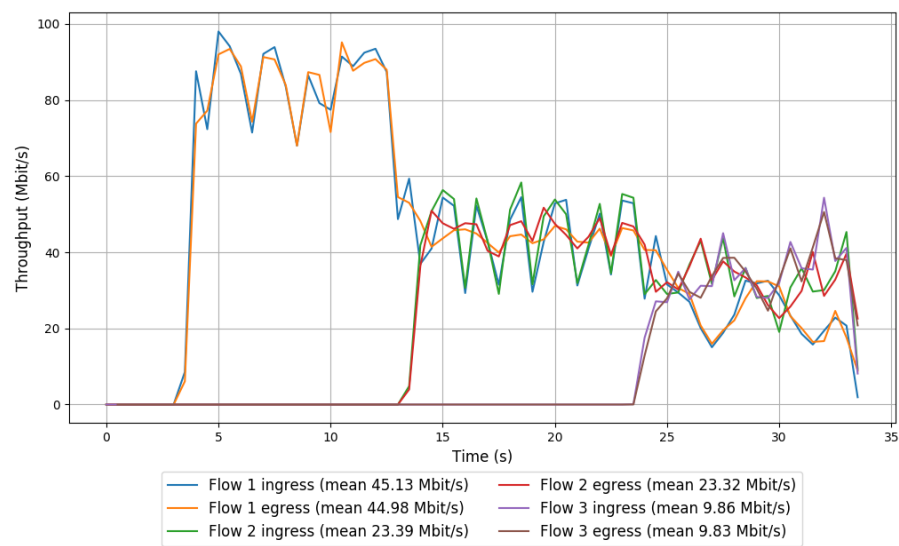
-- Flow 3:

Average throughput: 9.83 Mbit/s

95th percentile per-packet one-way delay: 185.240 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 10:41:19 +0000

End at: Sat, 01 Jul 2017 10:41:49 +0000

Local clock offset: 0.346 ms

Remote clock offset: -17.89 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:12:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 54.25 Mbit/s

95th percentile per-packet one-way delay: 175.921 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 35.42 Mbit/s

95th percentile per-packet one-way delay: 169.636 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 11.64 Mbit/s

95th percentile per-packet one-way delay: 181.044 ms

Loss rate: 0.00%

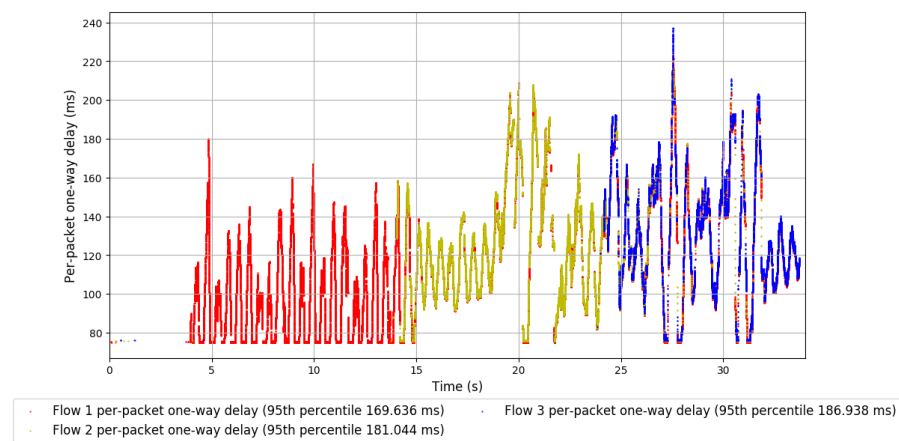
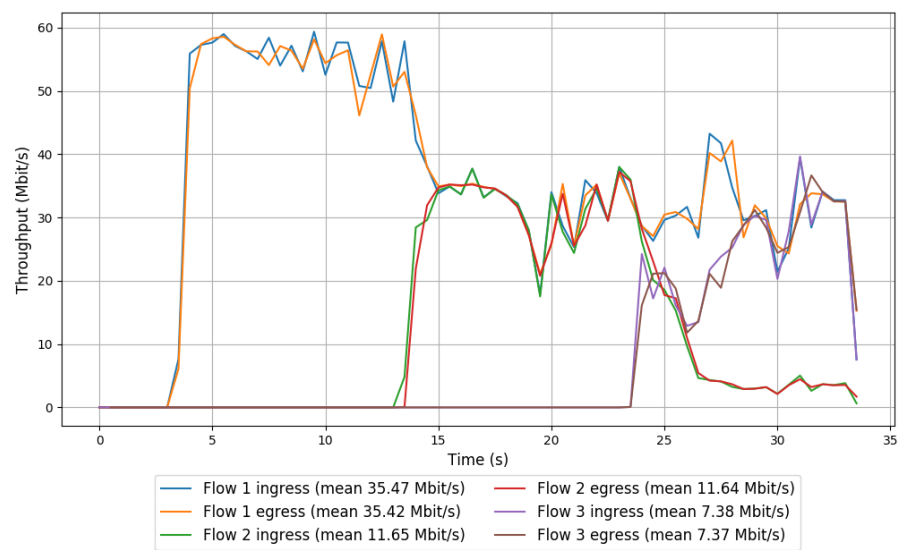
-- Flow 3:

Average throughput: 7.37 Mbit/s

95th percentile per-packet one-way delay: 186.938 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 10:59:48 +0000

End at: Sat, 01 Jul 2017 11:00:18 +0000

Local clock offset: 0.369 ms

Remote clock offset: -18.202 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:12:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.68 Mbit/s

95th percentile per-packet one-way delay: 194.086 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 48.03 Mbit/s

95th percentile per-packet one-way delay: 186.317 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 207.409 ms

Loss rate: 0.00%

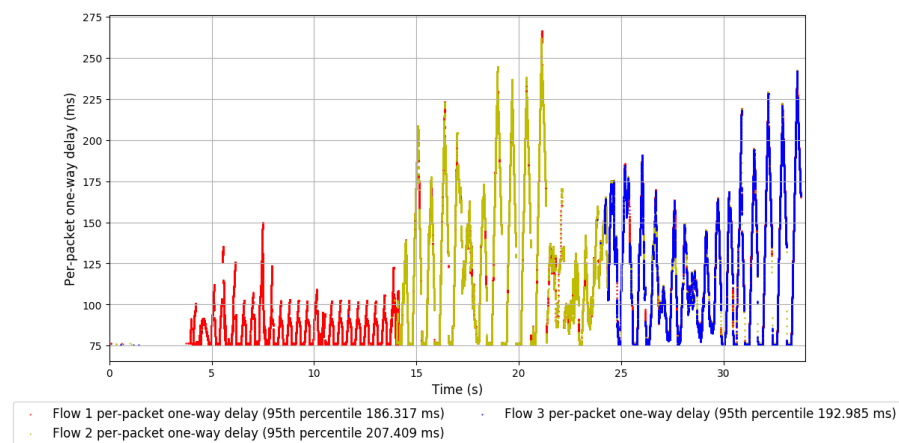
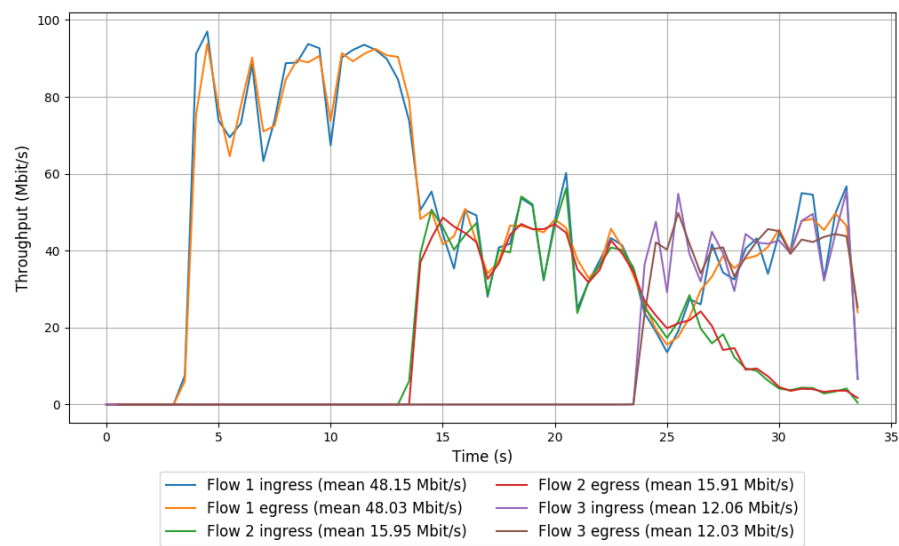
-- Flow 3:

Average throughput: 12.03 Mbit/s

95th percentile per-packet one-way delay: 192.985 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 11:18:24 +0000

End at: Sat, 01 Jul 2017 11:18:54 +0000

Local clock offset: 0.405 ms

Remote clock offset: -18.03 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:12:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.16 Mbit/s

95th percentile per-packet one-way delay: 186.151 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 48.52 Mbit/s

95th percentile per-packet one-way delay: 179.807 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 22.71 Mbit/s

95th percentile per-packet one-way delay: 199.341 ms

Loss rate: 0.00%

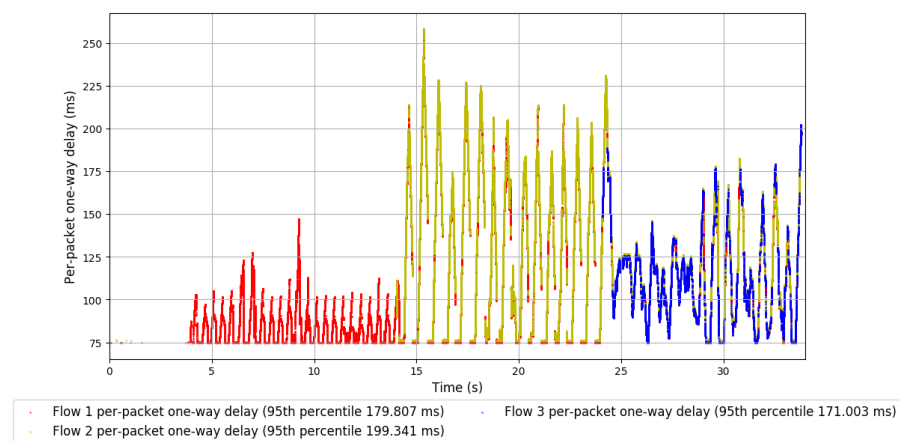
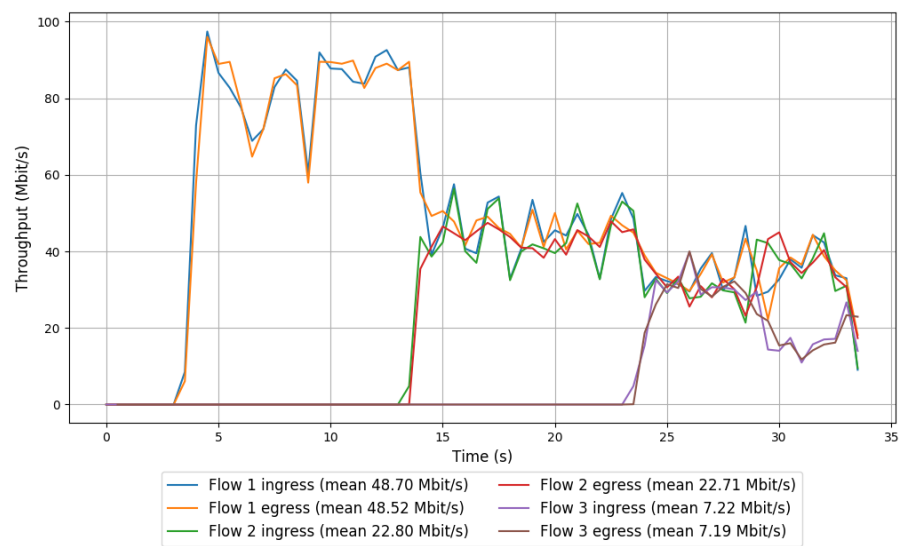
-- Flow 3:

Average throughput: 7.19 Mbit/s

95th percentile per-packet one-way delay: 171.003 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 11:36:57 +0000

End at: Sat, 01 Jul 2017 11:37:27 +0000

Local clock offset: 0.531 ms

Remote clock offset: -14.661 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.51 Mbit/s

95th percentile per-packet one-way delay: 195.300 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 45.95 Mbit/s

95th percentile per-packet one-way delay: 189.225 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 19.97 Mbit/s

95th percentile per-packet one-way delay: 210.552 ms

Loss rate: 0.00%

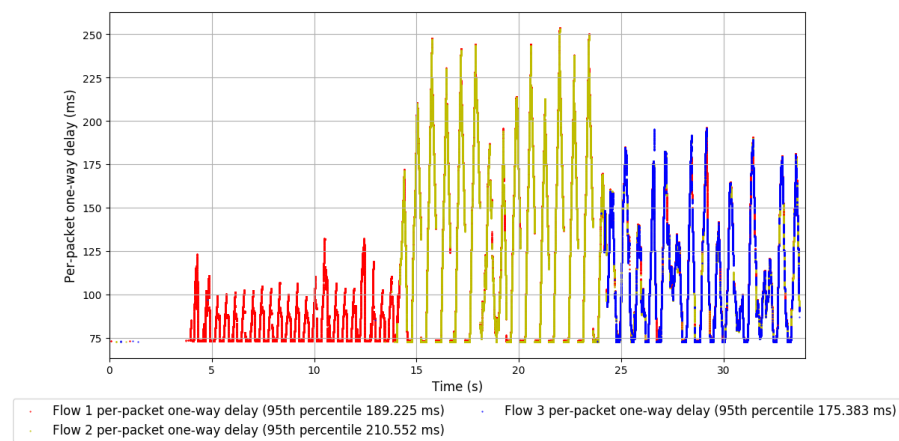
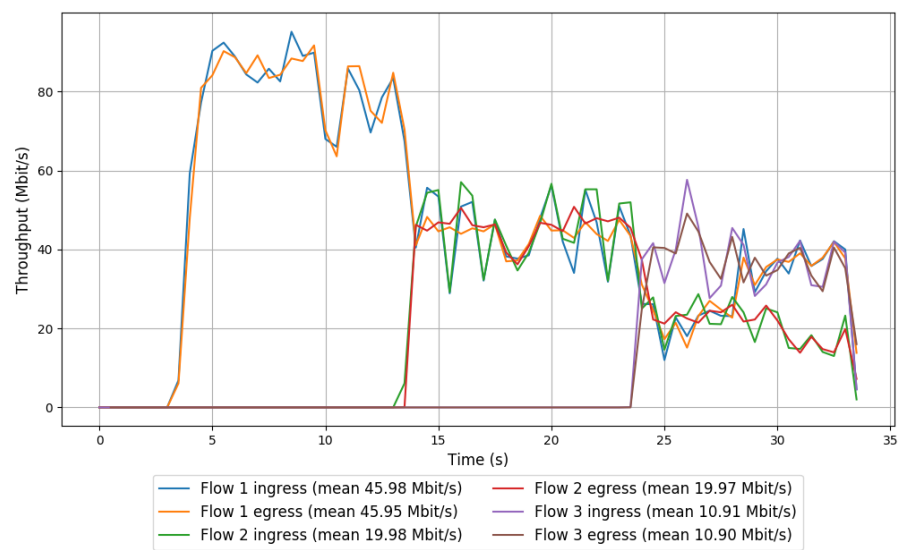
-- Flow 3:

Average throughput: 10.90 Mbit/s

95th percentile per-packet one-way delay: 175.383 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 11:55:32 +0000

End at: Sat, 01 Jul 2017 11:56:02 +0000

Local clock offset: 0.554 ms

Remote clock offset: -12.888 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.95 Mbit/s

95th percentile per-packet one-way delay: 190.642 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 42.10 Mbit/s

95th percentile per-packet one-way delay: 186.494 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 16.92 Mbit/s

95th percentile per-packet one-way delay: 207.544 ms

Loss rate: 0.00%

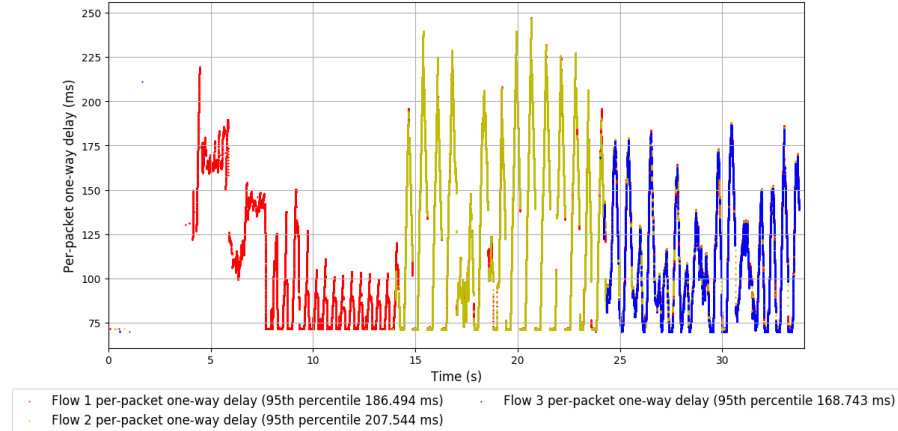
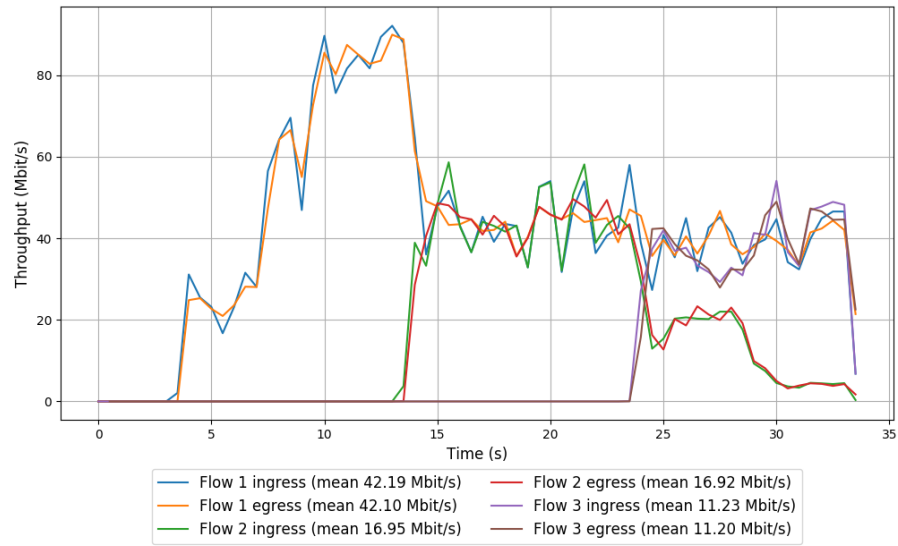
-- Flow 3:

Average throughput: 11.20 Mbit/s

95th percentile per-packet one-way delay: 168.743 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 09:12:09 +0000

End at: Sat, 01 Jul 2017 09:12:39 +0000

Local clock offset: 0.161 ms

Remote clock offset: -15.292 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.23 Mbit/s

95th percentile per-packet one-way delay: 406.154 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 43.49 Mbit/s

95th percentile per-packet one-way delay: 366.476 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 35.52 Mbit/s

95th percentile per-packet one-way delay: 425.783 ms

Loss rate: 0.00%

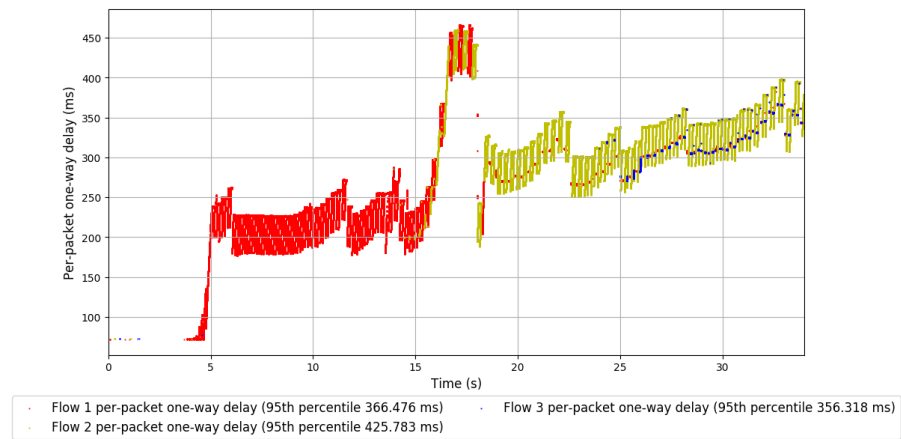
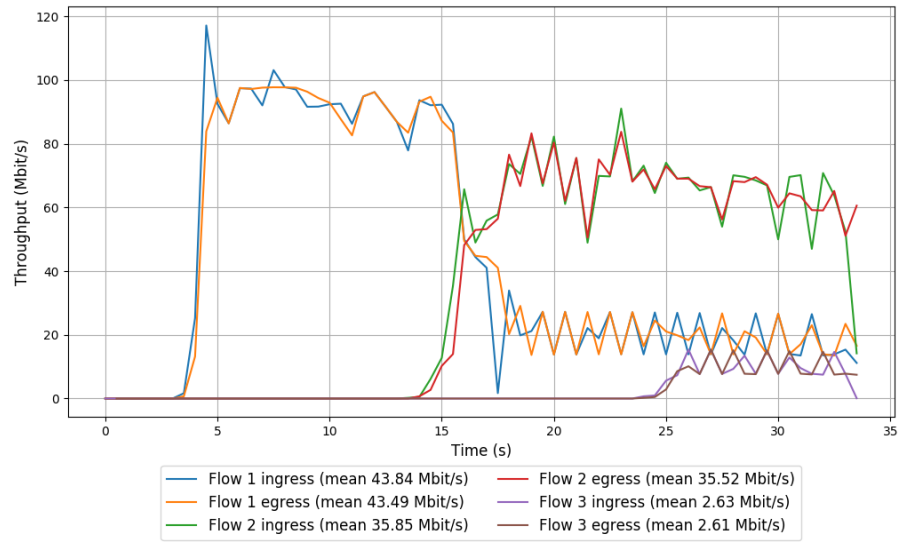
-- Flow 3:

Average throughput: 2.61 Mbit/s

95th percentile per-packet one-way delay: 356.318 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 09:30:52 +0000

End at: Sat, 01 Jul 2017 09:31:22 +0000

Local clock offset: 0.212 ms

Remote clock offset: -16.276 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.80 Mbit/s

95th percentile per-packet one-way delay: 609.569 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 603.696 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 23.99 Mbit/s

95th percentile per-packet one-way delay: 617.887 ms

Loss rate: 0.00%

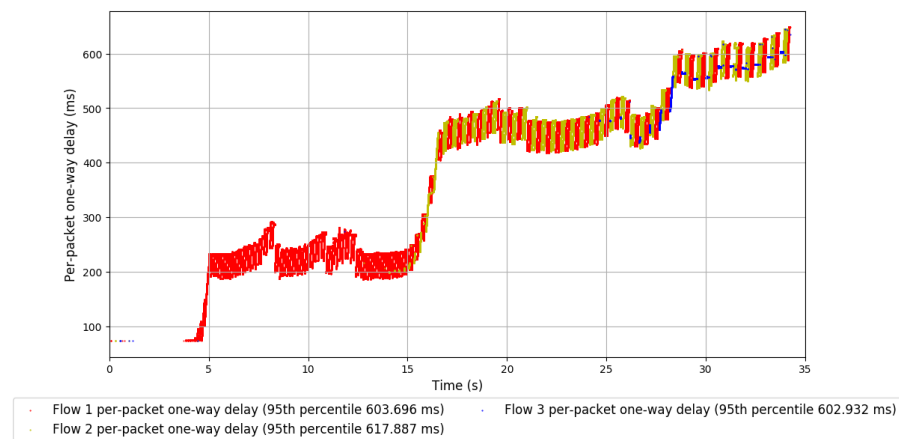
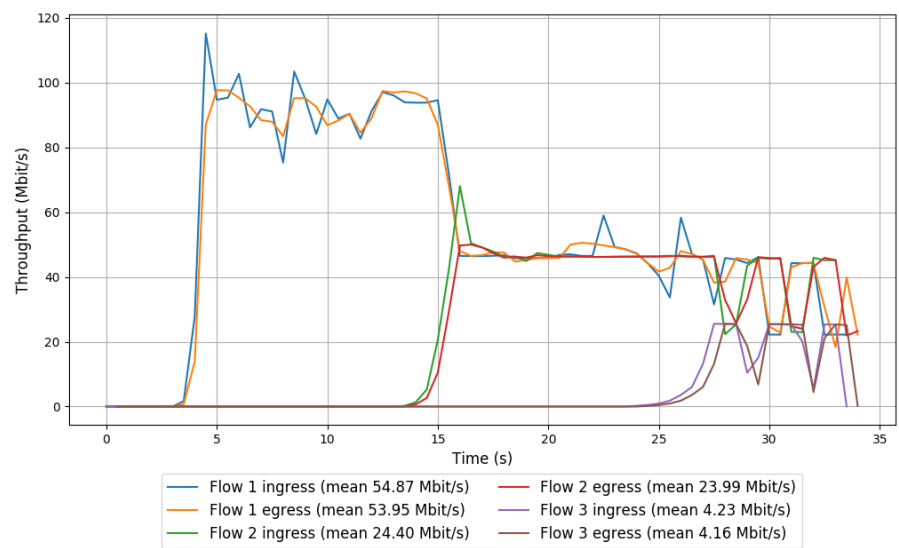
-- Flow 3:

Average throughput: 4.16 Mbit/s

95th percentile per-packet one-way delay: 602.932 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 09:49:31 +0000

End at: Sat, 01 Jul 2017 09:50:01 +0000

Local clock offset: 0.218 ms

Remote clock offset: -14.544 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:42 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.60 Mbit/s

95th percentile per-packet one-way delay: 476.667 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.39 Mbit/s

95th percentile per-packet one-way delay: 480.559 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.06 Mbit/s

95th percentile per-packet one-way delay: 461.980 ms

Loss rate: 0.01%

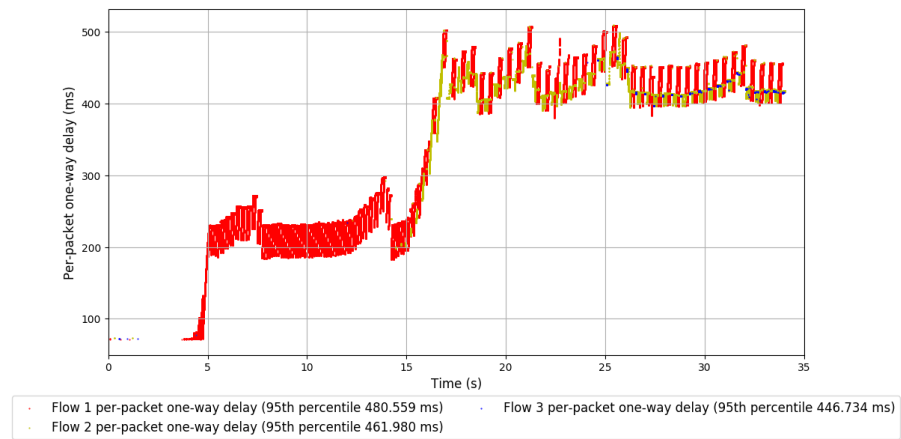
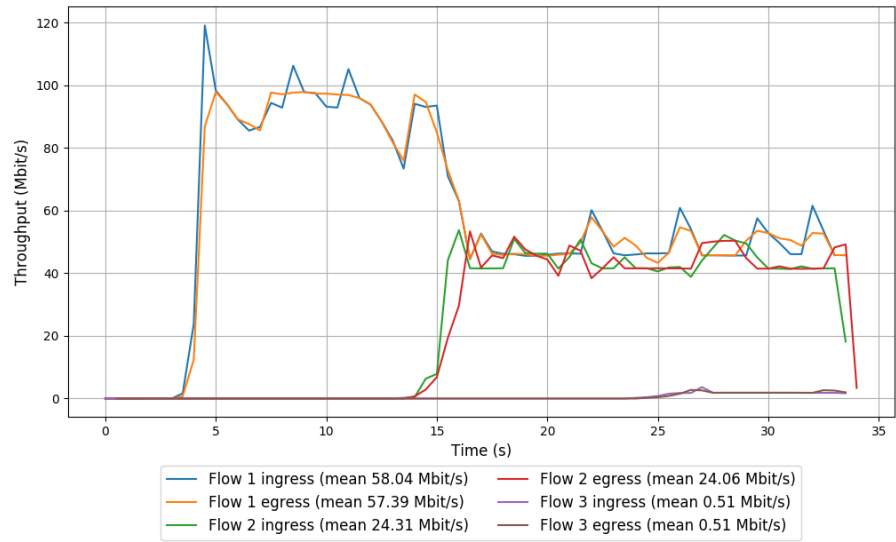
-- Flow 3:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 446.734 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 10:08:04 +0000

End at: Sat, 01 Jul 2017 10:08:34 +0000

Local clock offset: 0.273 ms

Remote clock offset: -14.584 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:44 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.99 Mbit/s

95th percentile per-packet one-way delay: 493.150 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 62.48 Mbit/s

95th percentile per-packet one-way delay: 478.360 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.44 Mbit/s

95th percentile per-packet one-way delay: 521.798 ms

Loss rate: 0.00%

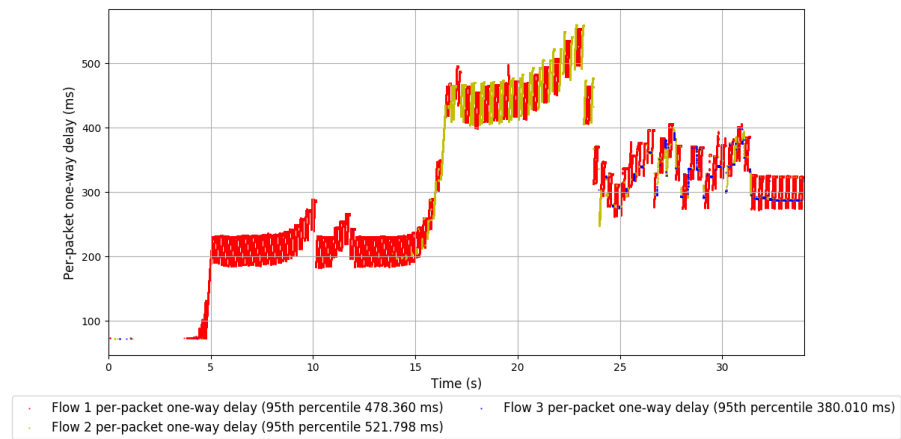
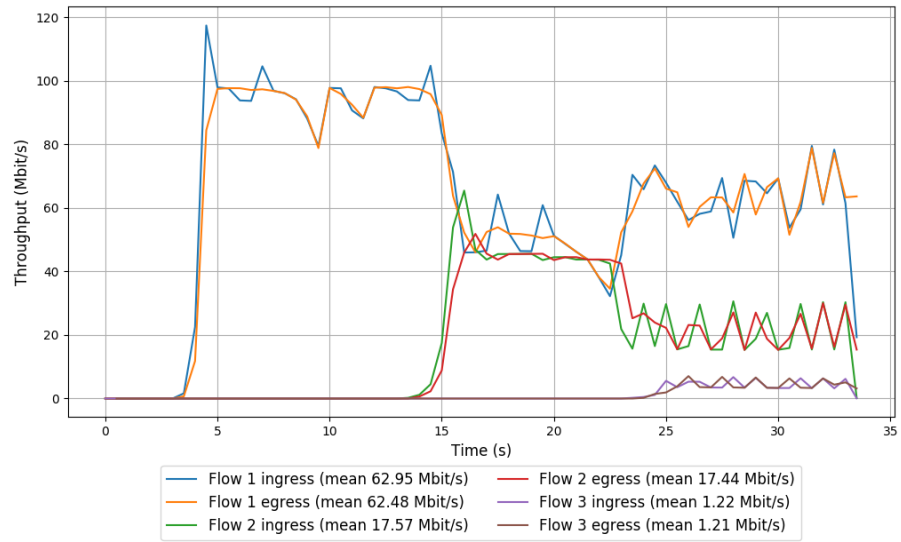
-- Flow 3:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 380.010 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 10:26:44 +0000

End at: Sat, 01 Jul 2017 10:27:14 +0000

Local clock offset: 0.325 ms

Remote clock offset: -16.807 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.77 Mbit/s

95th percentile per-packet one-way delay: 274.148 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 79.12 Mbit/s

95th percentile per-packet one-way delay: 274.307 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.90 Mbit/s

95th percentile per-packet one-way delay: 257.014 ms

Loss rate: 0.00%

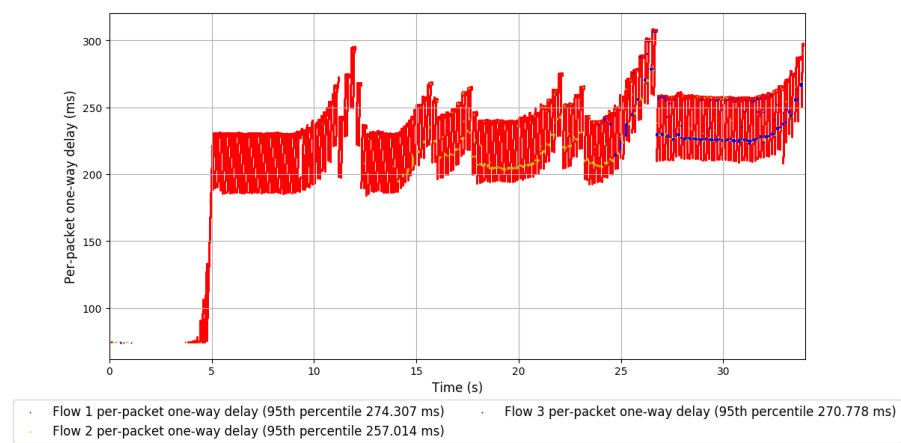
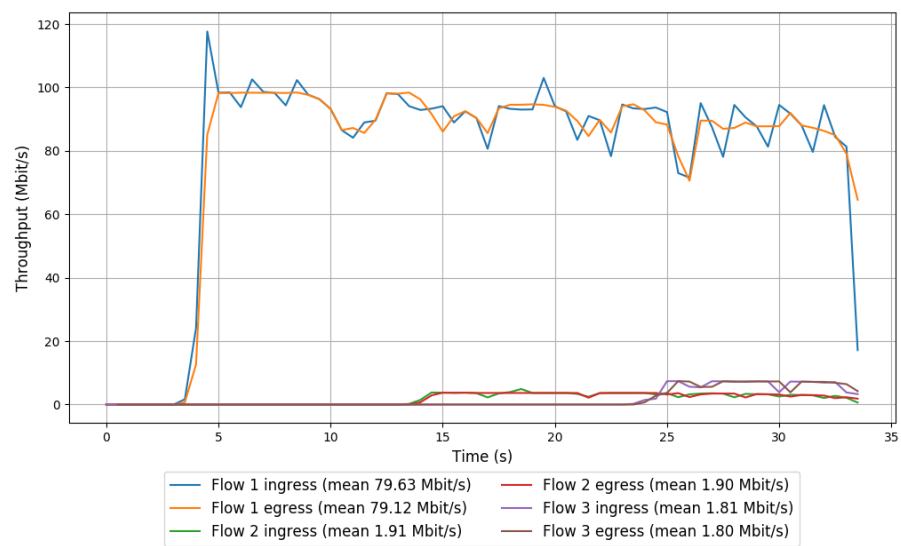
-- Flow 3:

Average throughput: 1.80 Mbit/s

95th percentile per-packet one-way delay: 270.778 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 10:45:12 +0000

End at: Sat, 01 Jul 2017 10:45:42 +0000

Local clock offset: 0.385 ms

Remote clock offset: -18.203 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:13:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.87 Mbit/s

95th percentile per-packet one-way delay: 271.996 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 72.19 Mbit/s

95th percentile per-packet one-way delay: 271.258 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.11 Mbit/s

95th percentile per-packet one-way delay: 272.619 ms

Loss rate: 0.00%

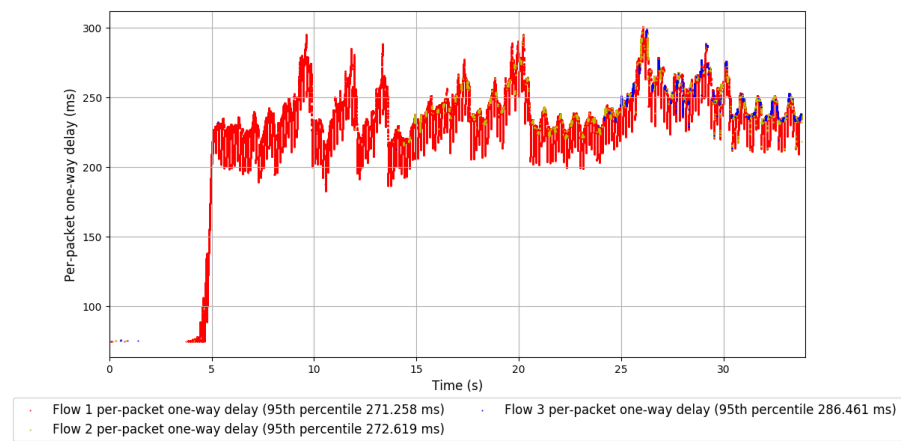
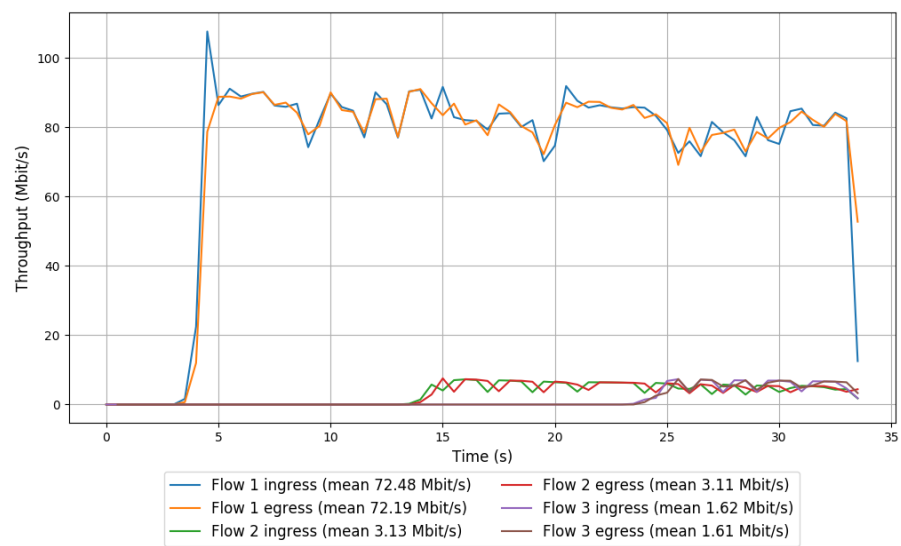
-- Flow 3:

Average throughput: 1.61 Mbit/s

95th percentile per-packet one-way delay: 286.461 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 11:03:45 +0000

End at: Sat, 01 Jul 2017 11:04:15 +0000

Local clock offset: 0.358 ms

Remote clock offset: -18.671 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.66 Mbit/s

95th percentile per-packet one-way delay: 333.434 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 70.23 Mbit/s

95th percentile per-packet one-way delay: 334.665 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 9.76 Mbit/s

95th percentile per-packet one-way delay: 314.403 ms

Loss rate: 0.00%

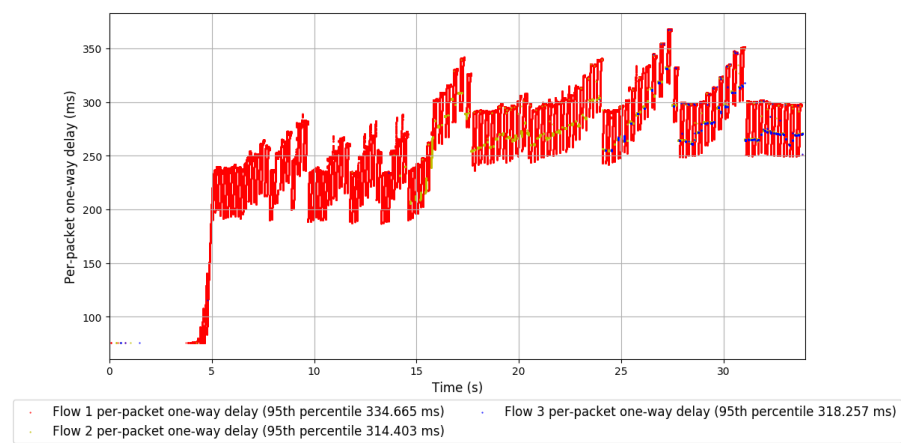
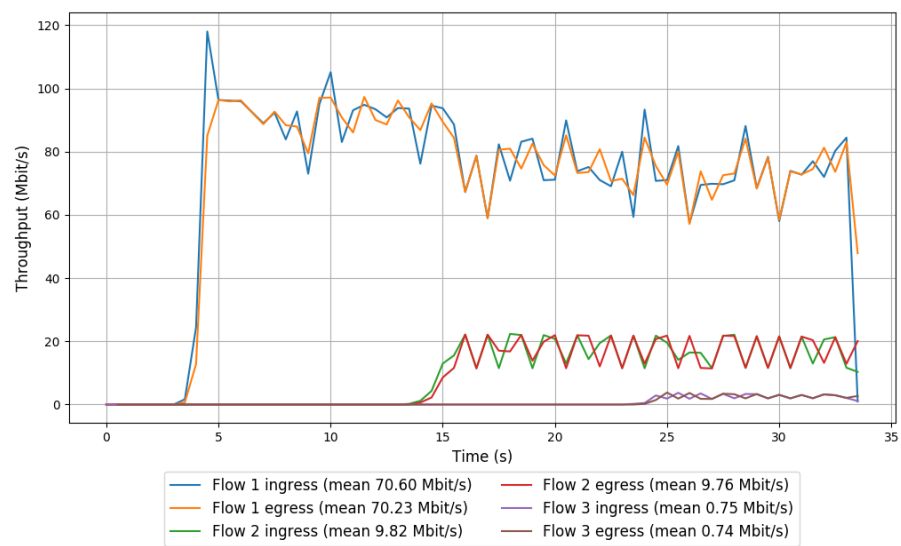
-- Flow 3:

Average throughput: 0.74 Mbit/s

95th percentile per-packet one-way delay: 318.257 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 11:22:25 +0000

End at: Sat, 01 Jul 2017 11:22:55 +0000

Local clock offset: 0.42 ms

Remote clock offset: -16.931 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.08 Mbit/s

95th percentile per-packet one-way delay: 359.221 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 333.708 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.18 Mbit/s

95th percentile per-packet one-way delay: 360.293 ms

Loss rate: 0.01%

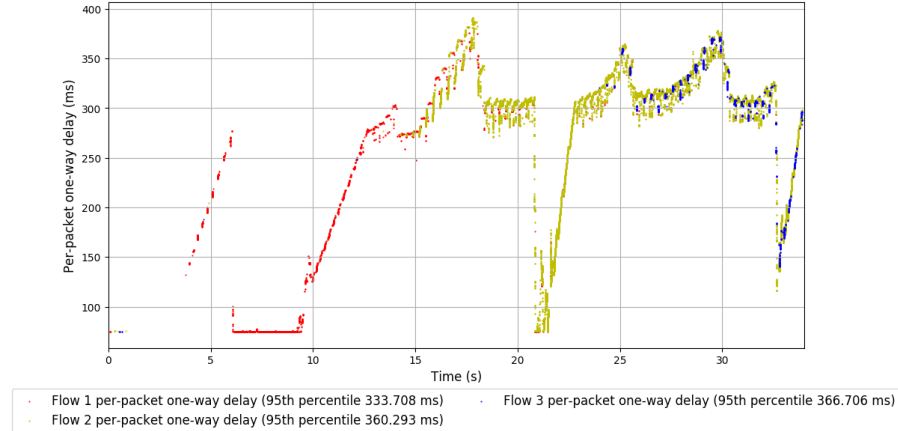
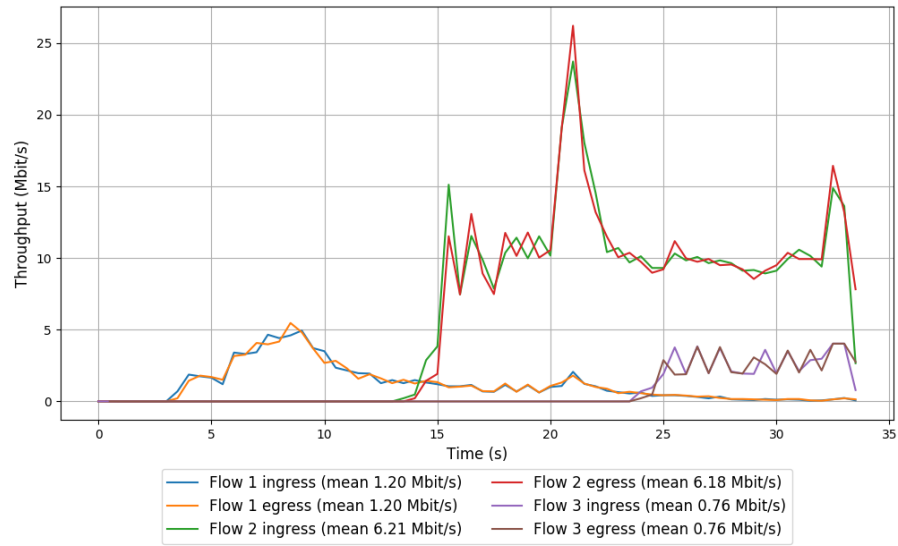
-- Flow 3:

Average throughput: 0.76 Mbit/s

95th percentile per-packet one-way delay: 366.706 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 11:40:58 +0000

End at: Sat, 01 Jul 2017 11:41:28 +0000

Local clock offset: 0.543 ms

Remote clock offset: -14.727 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.32 Mbit/s

95th percentile per-packet one-way delay: 365.804 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 69.02 Mbit/s

95th percentile per-packet one-way delay: 366.589 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: 348.908 ms

Loss rate: 0.00%

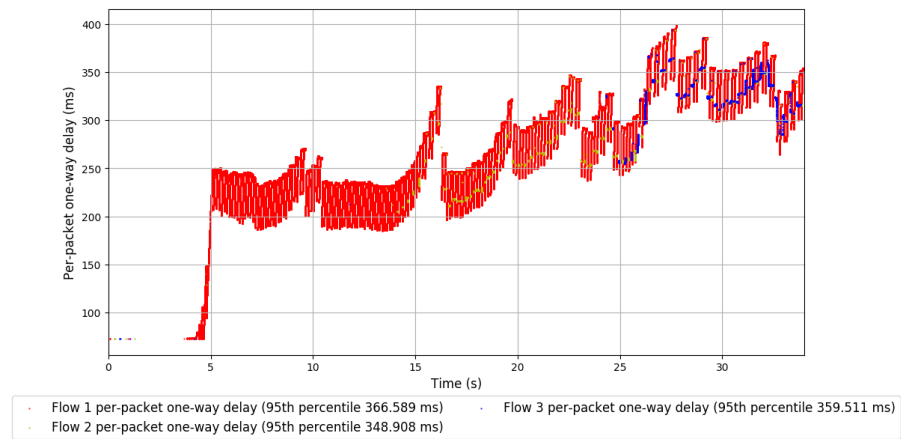
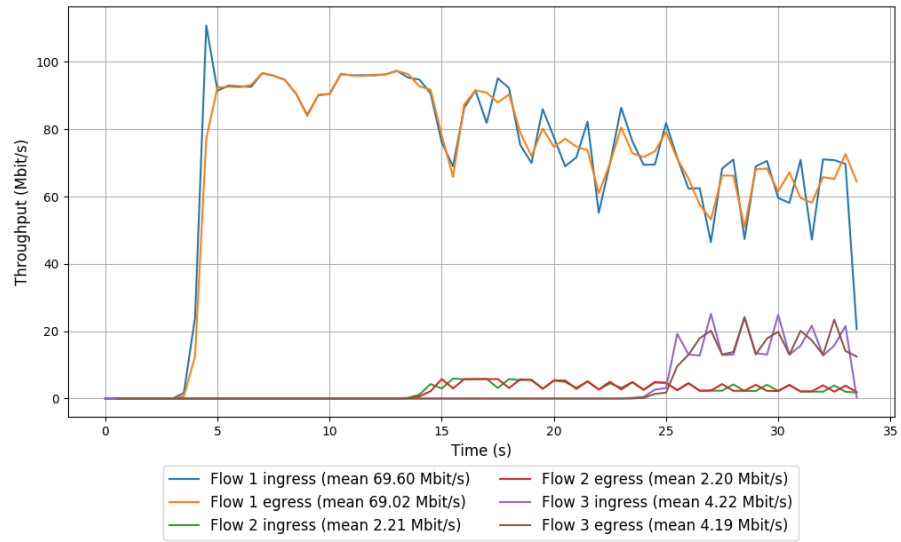
-- Flow 3:

Average throughput: 4.19 Mbit/s

95th percentile per-packet one-way delay: 359.511 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 11:59:32 +0000

End at: Sat, 01 Jul 2017 12:00:02 +0000

Local clock offset: 0.494 ms

Remote clock offset: -12.397 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:22 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.27 Mbit/s

95th percentile per-packet one-way delay: 323.791 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 70.14 Mbit/s

95th percentile per-packet one-way delay: 324.227 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.35 Mbit/s

95th percentile per-packet one-way delay: 312.812 ms

Loss rate: 0.00%

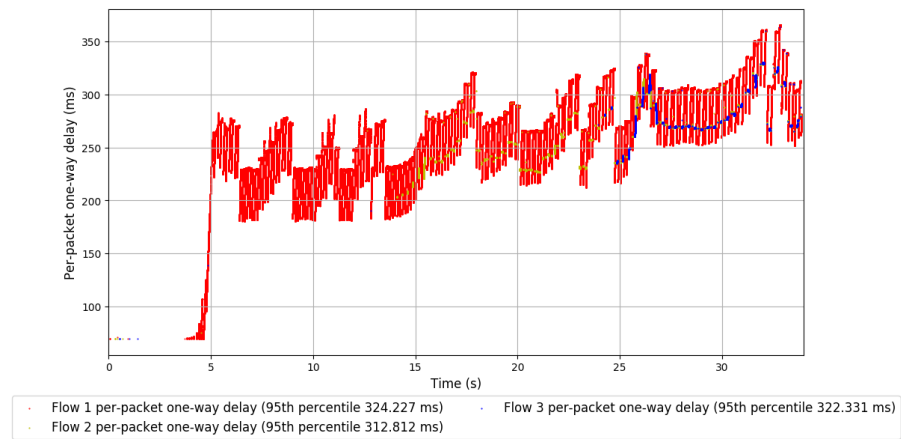
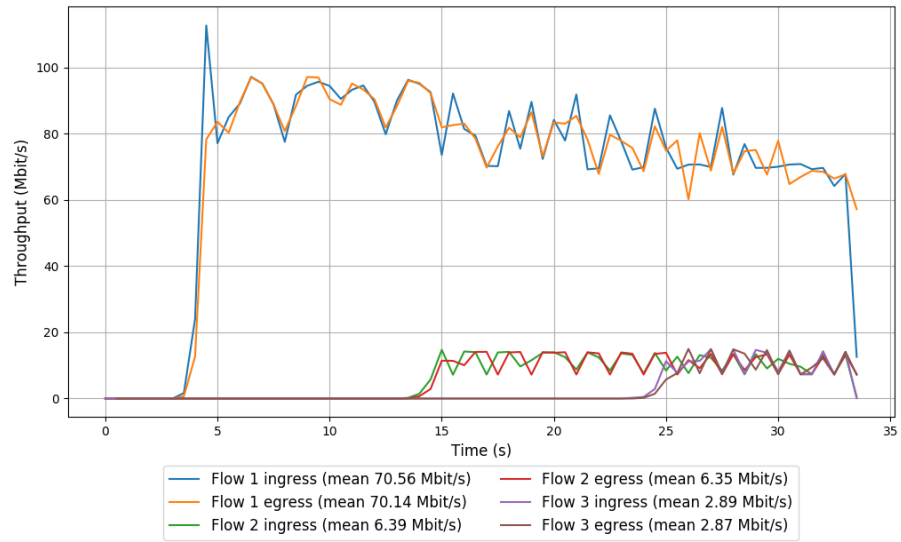
-- Flow 3:

Average throughput: 2.87 Mbit/s

95th percentile per-packet one-way delay: 322.331 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sat, 01 Jul 2017 09:10:51 +0000

End at: Sat, 01 Jul 2017 09:11:21 +0000

Local clock offset: 0.169 ms

Remote clock offset: -15.022 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.39 Mbit/s

95th percentile per-packet one-way delay: 668.113 ms

Loss rate: 0.53%

-- Flow 1:

Average throughput: 60.94 Mbit/s

95th percentile per-packet one-way delay: 667.011 ms

Loss rate: 0.64%

-- Flow 2:

Average throughput: 9.31 Mbit/s

95th percentile per-packet one-way delay: 670.043 ms

Loss rate: 0.00%

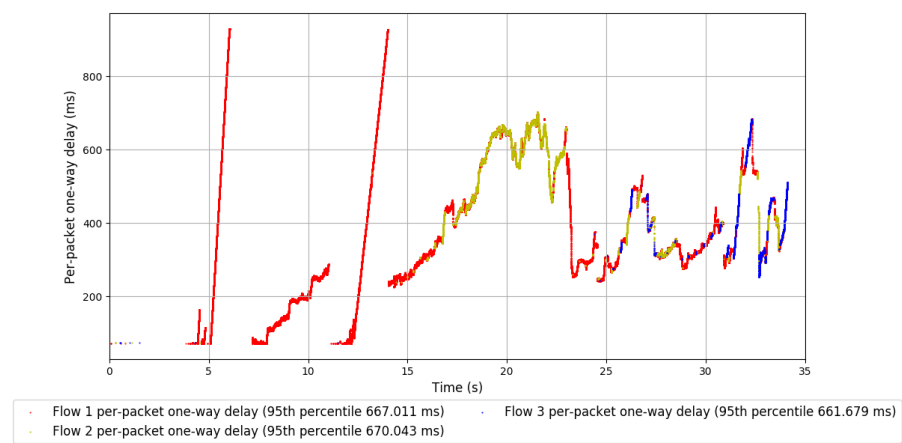
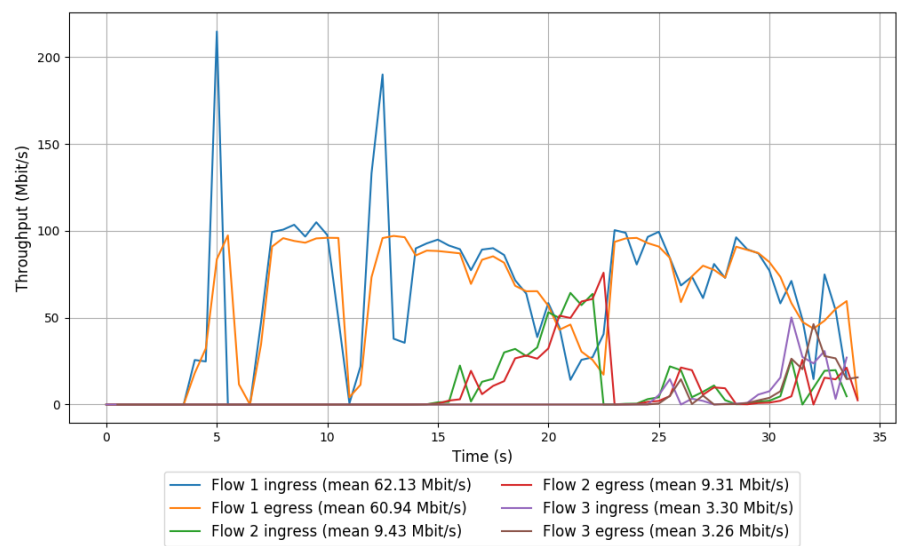
-- Flow 3:

Average throughput: 3.26 Mbit/s

95th percentile per-packet one-way delay: 661.679 ms

Loss rate: 0.00%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sat, 01 Jul 2017 09:29:33 +0000

End at: Sat, 01 Jul 2017 09:30:03 +0000

Local clock offset: 0.215 ms

Remote clock offset: -15.512 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:36 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.71 Mbit/s

95th percentile per-packet one-way delay: 710.675 ms

Loss rate: 3.38%

-- Flow 1:

Average throughput: 73.58 Mbit/s

95th percentile per-packet one-way delay: 681.868 ms

Loss rate: 0.79%

-- Flow 2:

Average throughput: 5.85 Mbit/s

95th percentile per-packet one-way delay: 921.470 ms

Loss rate: 25.59%

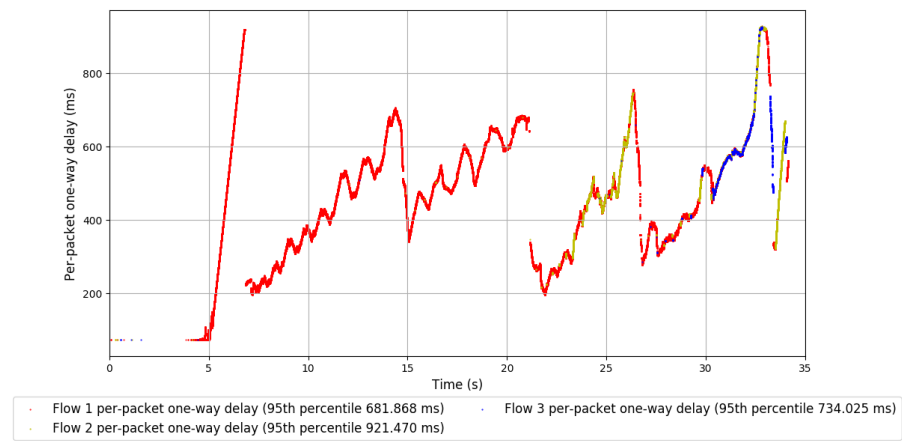
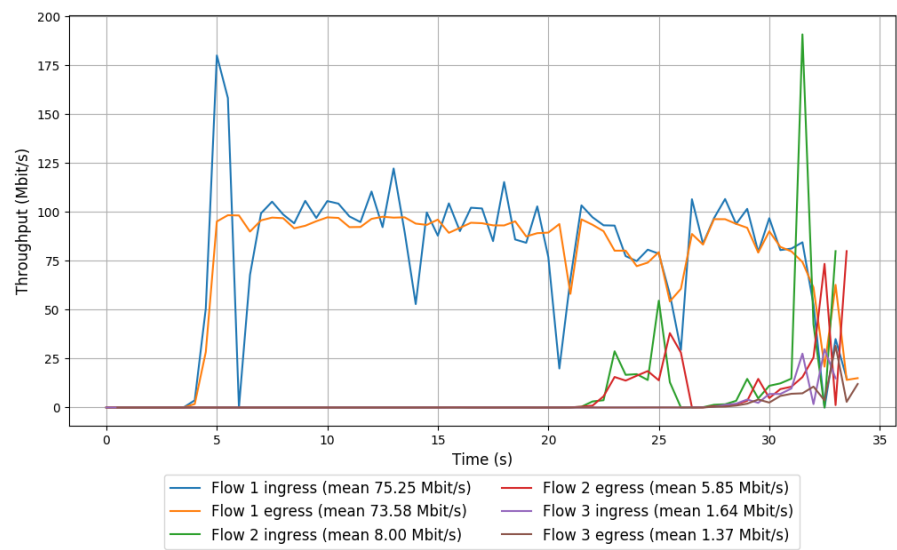
-- Flow 3:

Average throughput: 1.37 Mbit/s

95th percentile per-packet one-way delay: 734.025 ms

Loss rate: 15.25%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sat, 01 Jul 2017 09:48:12 +0000

End at: Sat, 01 Jul 2017 09:48:42 +0000

Local clock offset: 0.182 ms

Remote clock offset: -14.804 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:36 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.39 Mbit/s

95th percentile per-packet one-way delay: 666.074 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 78.66 Mbit/s

95th percentile per-packet one-way delay: 666.530 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 1.05 Mbit/s

95th percentile per-packet one-way delay: 526.675 ms

Loss rate: 0.00%

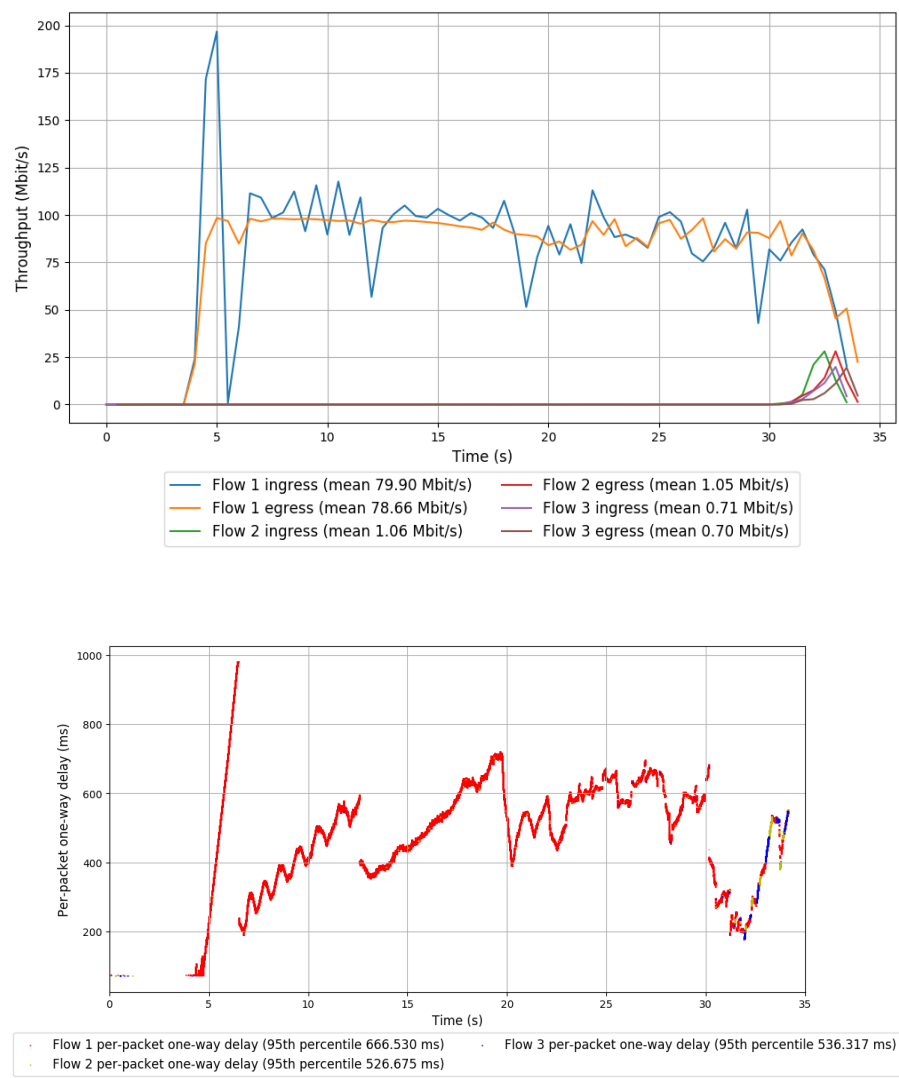
-- Flow 3:

Average throughput: 0.70 Mbit/s

95th percentile per-packet one-way delay: 536.317 ms

Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sat, 01 Jul 2017 10:06:46 +0000

End at: Sat, 01 Jul 2017 10:07:16 +0000

Local clock offset: 0.26 ms

Remote clock offset: -14.476 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.85 Mbit/s

95th percentile per-packet one-way delay: 739.861 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 57.45 Mbit/s

95th percentile per-packet one-way delay: 721.878 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 17.22 Mbit/s

95th percentile per-packet one-way delay: 746.396 ms

Loss rate: 0.54%

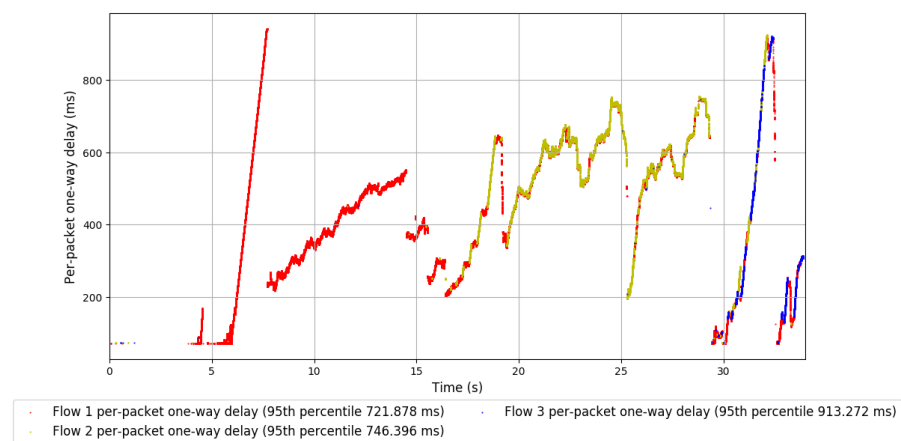
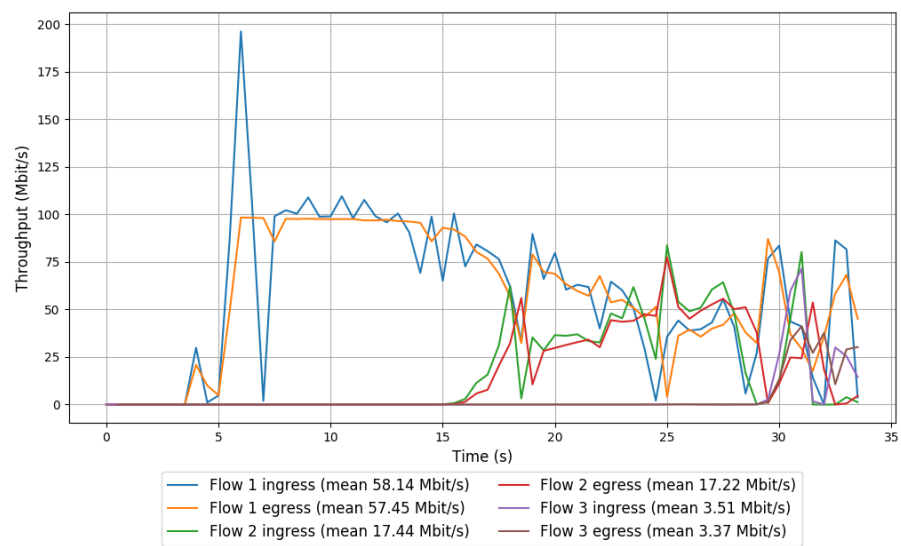
-- Flow 3:

Average throughput: 3.37 Mbit/s

95th percentile per-packet one-way delay: 913.272 ms

Loss rate: 3.34%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sat, 01 Jul 2017 10:25:26 +0000

End at: Sat, 01 Jul 2017 10:25:56 +0000

Local clock offset: 0.325 ms

Remote clock offset: -16.511 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:14:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.88 Mbit/s

95th percentile per-packet one-way delay: 678.939 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 81.85 Mbit/s

95th percentile per-packet one-way delay: 678.943 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 0.02 Mbit/s

95th percentile per-packet one-way delay: 640.524 ms

Loss rate: 0.00%

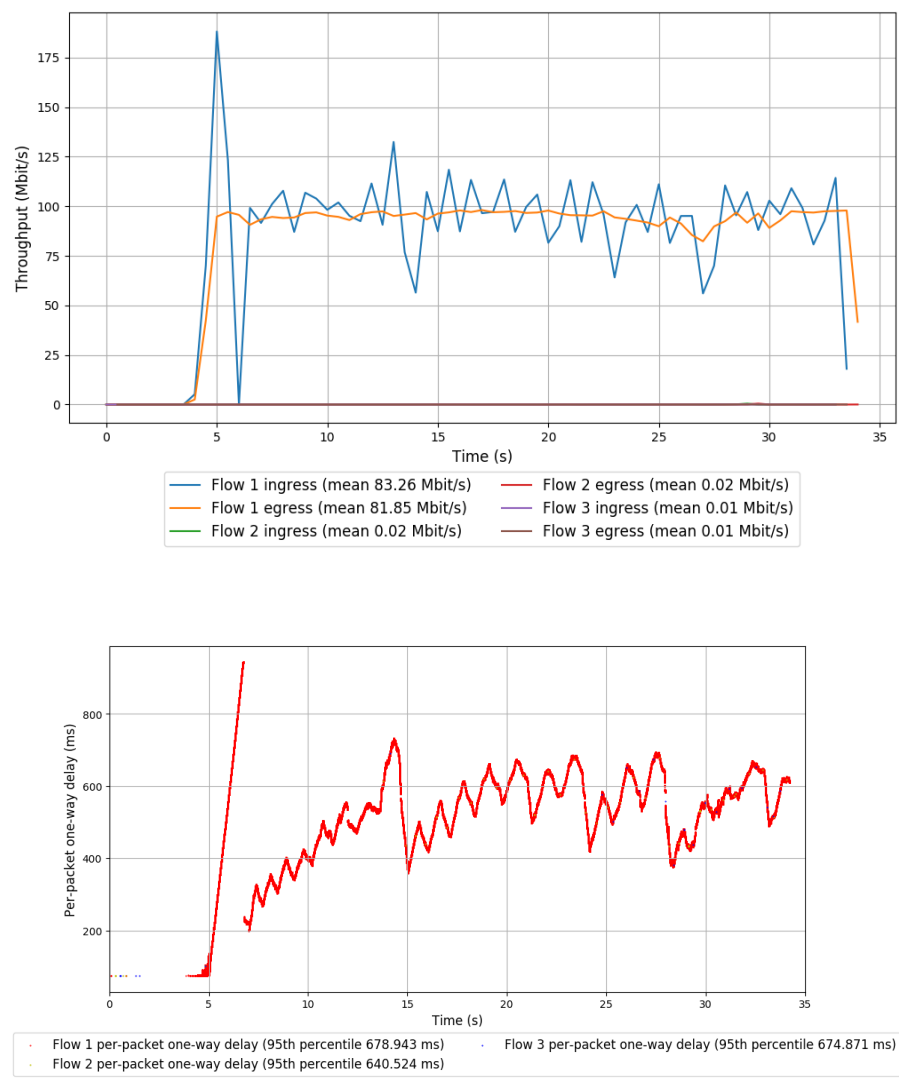
-- Flow 3:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 674.871 ms

Loss rate: 0.00%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sat, 01 Jul 2017 10:43:53 +0000

End at: Sat, 01 Jul 2017 10:44:23 +0000

Local clock offset: 0.268 ms

Remote clock offset: -17.847 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.41 Mbit/s

95th percentile per-packet one-way delay: 695.796 ms

Loss rate: 1.43%

-- Flow 1:

Average throughput: 45.77 Mbit/s

95th percentile per-packet one-way delay: 661.885 ms

Loss rate: 2.08%

-- Flow 2:

Average throughput: 24.06 Mbit/s

95th percentile per-packet one-way delay: 723.402 ms

Loss rate: 0.28%

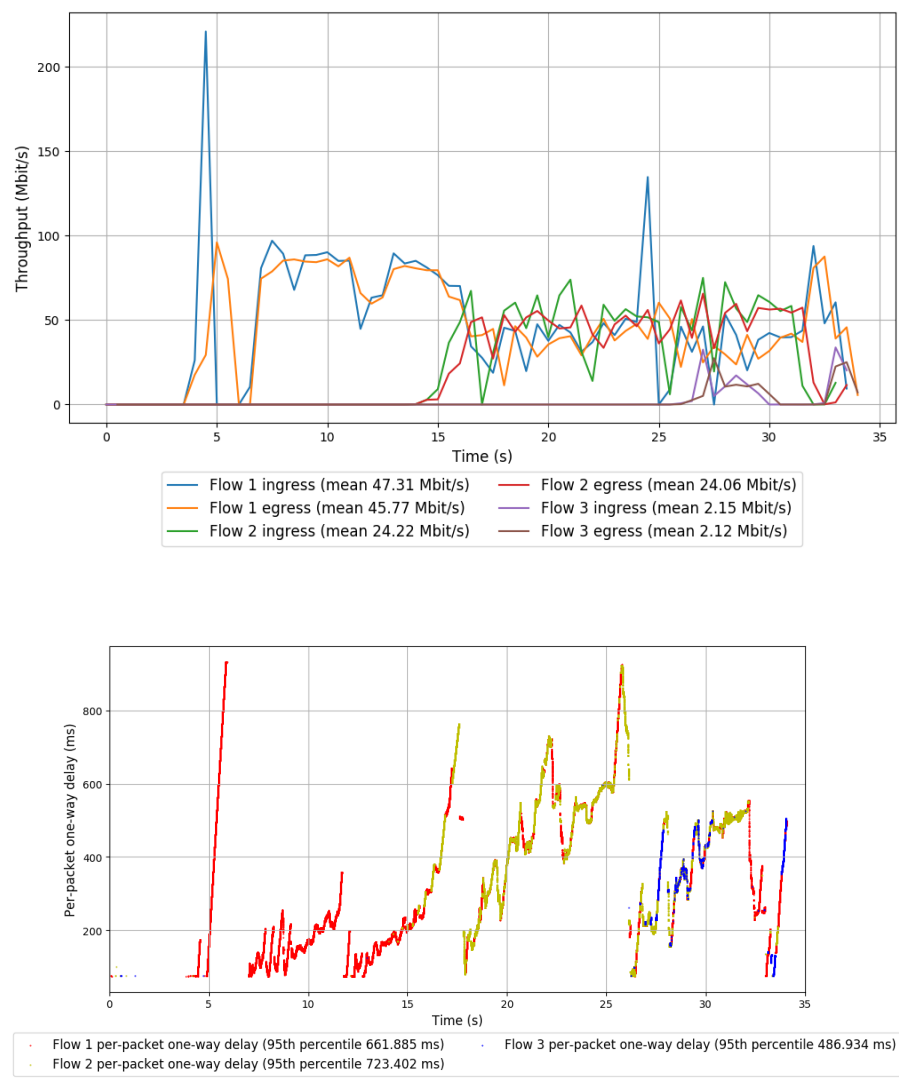
-- Flow 3:

Average throughput: 2.12 Mbit/s

95th percentile per-packet one-way delay: 486.934 ms

Loss rate: 0.02%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sat, 01 Jul 2017 11:02:28 +0000

End at: Sat, 01 Jul 2017 11:02:58 +0000

Local clock offset: 0.405 ms

Remote clock offset: -18.412 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.94 Mbit/s

95th percentile per-packet one-way delay: 491.996 ms

Loss rate: 1.08%

-- Flow 1:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 520.468 ms

Loss rate: 1.05%

-- Flow 2:

Average throughput: 11.03 Mbit/s

95th percentile per-packet one-way delay: 450.423 ms

Loss rate: 1.50%

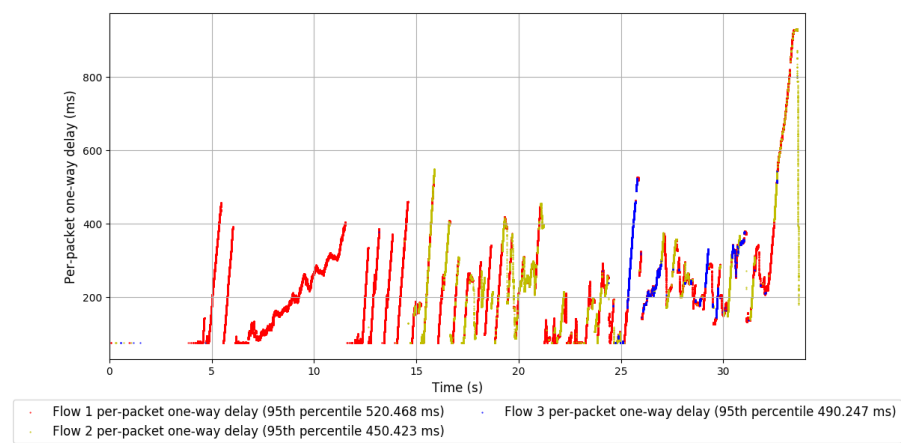
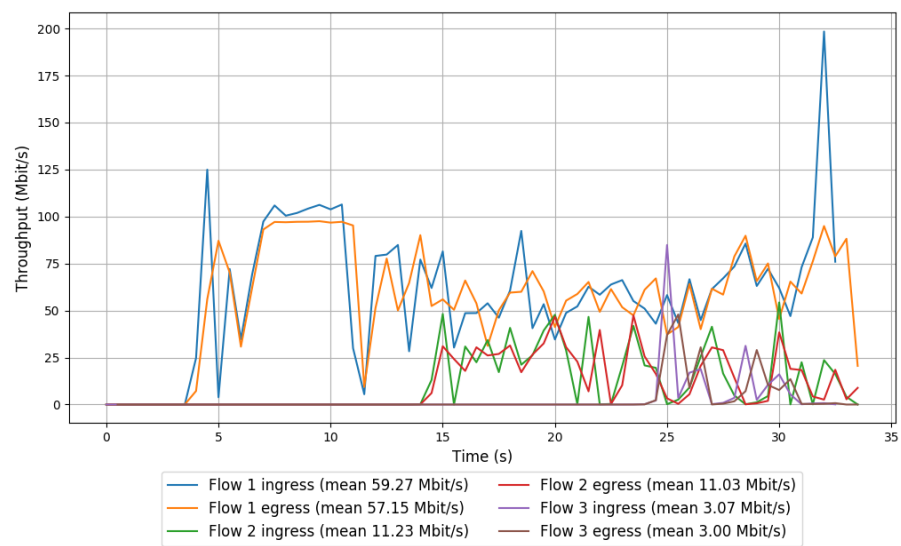
-- Flow 3:

Average throughput: 3.00 Mbit/s

95th percentile per-packet one-way delay: 490.247 ms

Loss rate: 0.04%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sat, 01 Jul 2017 11:21:07 +0000

End at: Sat, 01 Jul 2017 11:21:37 +0000

Local clock offset: 0.446 ms

Remote clock offset: -17.491 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.39 Mbit/s

95th percentile per-packet one-way delay: 665.587 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 77.59 Mbit/s

95th percentile per-packet one-way delay: 666.425 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 1.48 Mbit/s

95th percentile per-packet one-way delay: 635.579 ms

Loss rate: 0.00%

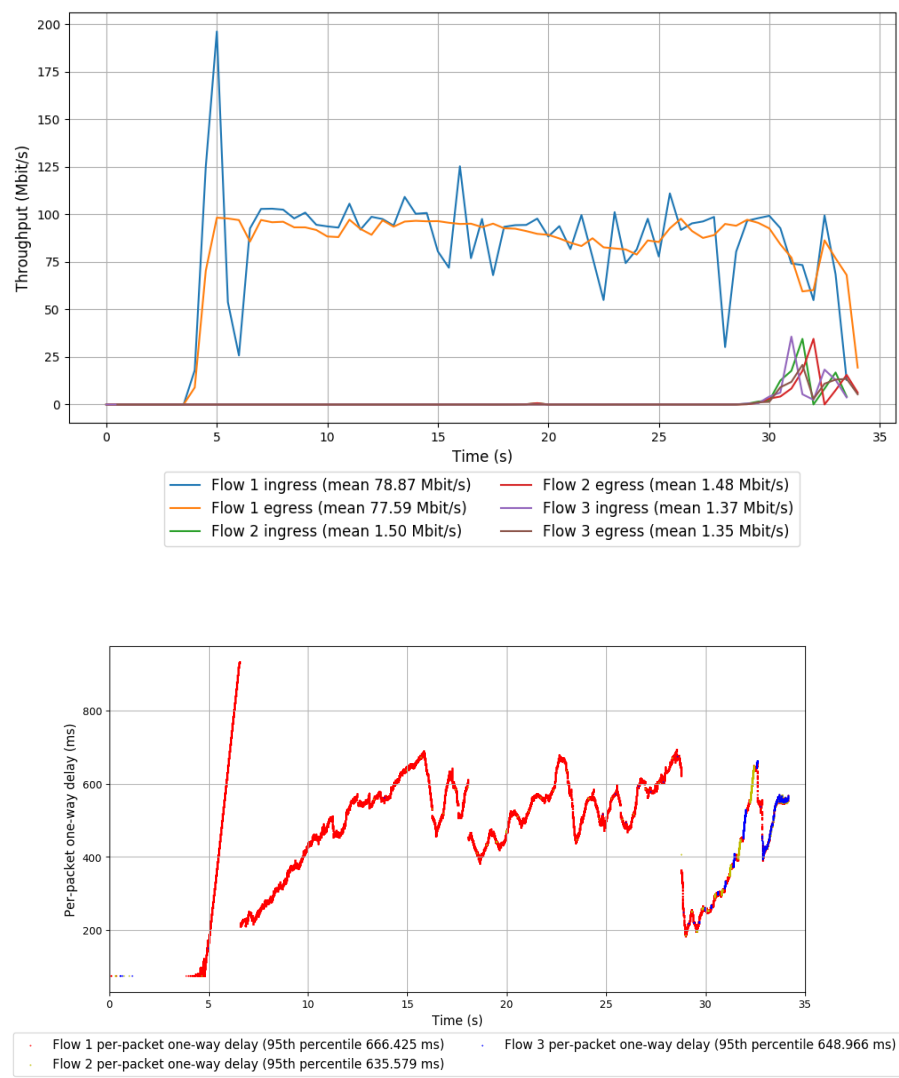
-- Flow 3:

Average throughput: 1.35 Mbit/s

95th percentile per-packet one-way delay: 648.966 ms

Loss rate: 0.00%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Sat, 01 Jul 2017 11:39:39 +0000

End at: Sat, 01 Jul 2017 11:40:09 +0000

Local clock offset: 0.532 ms

Remote clock offset: -14.7 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.37 Mbit/s

95th percentile per-packet one-way delay: 695.832 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 81.34 Mbit/s

95th percentile per-packet one-way delay: 695.835 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 0.02 Mbit/s

95th percentile per-packet one-way delay: 632.213 ms

Loss rate: 0.00%

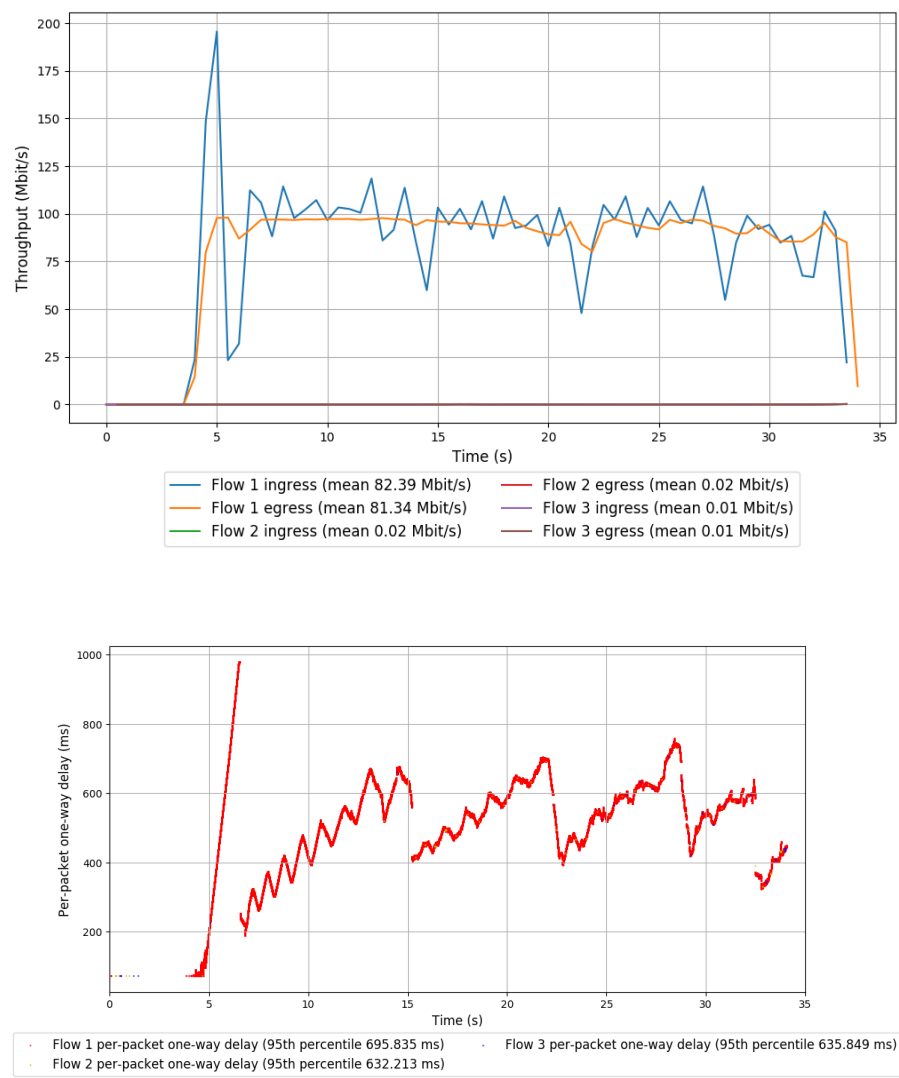
-- Flow 3:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 635.849 ms

Loss rate: 0.00%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Sat, 01 Jul 2017 11:58:13 +0000

End at: Sat, 01 Jul 2017 11:58:43 +0000

Local clock offset: 0.551 ms

Remote clock offset: -12.665 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.11 Mbit/s

95th percentile per-packet one-way delay: 581.069 ms

Loss rate: 1.83%

-- Flow 1:

Average throughput: 52.71 Mbit/s

95th percentile per-packet one-way delay: 519.203 ms

Loss rate: 0.76%

-- Flow 2:

Average throughput: 15.19 Mbit/s

95th percentile per-packet one-way delay: 763.198 ms

Loss rate: 6.10%

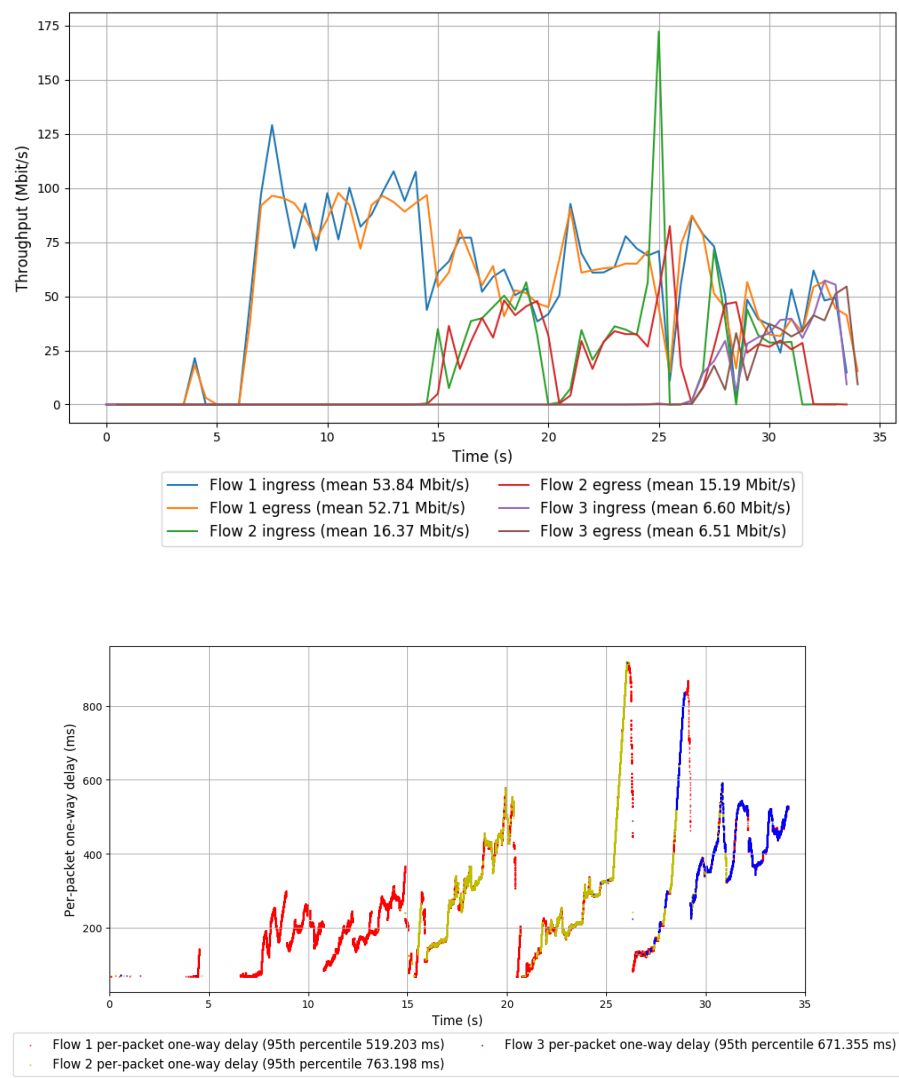
-- Flow 3:

Average throughput: 6.51 Mbit/s

95th percentile per-packet one-way delay: 671.355 ms

Loss rate: 0.10%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 09:15:52 +0000

End at: Sat, 01 Jul 2017 09:16:22 +0000

Local clock offset: 0.158 ms

Remote clock offset: -15.41 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 1.86 Mbit/s

95th percentile per-packet one-way delay: 74.089 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 74.322 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 74.098 ms

Loss rate: 0.00%

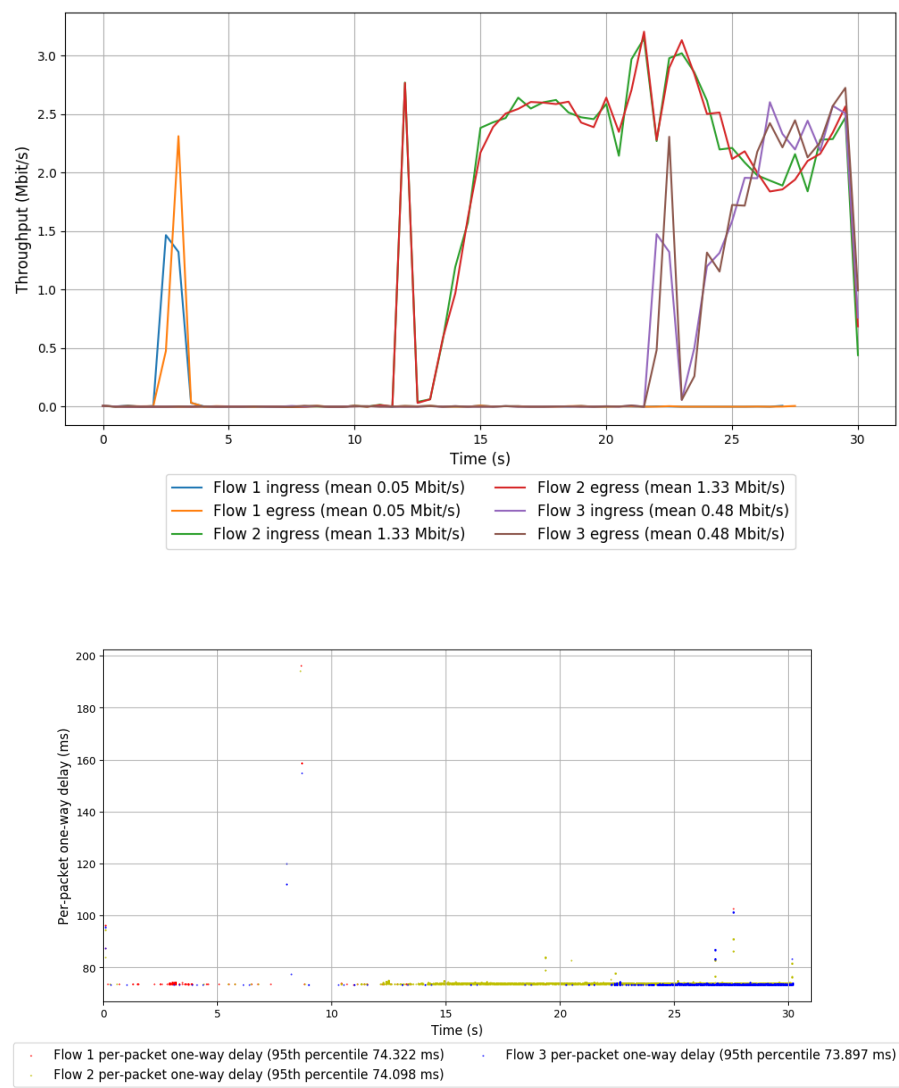
-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 73.897 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 09:34:38 +0000

End at: Sat, 01 Jul 2017 09:35:08 +0000

Local clock offset: 0.117 ms

Remote clock offset: -16.05 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.82 Mbit/s

95th percentile per-packet one-way delay: 74.469 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 73.170 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.31 Mbit/s

95th percentile per-packet one-way delay: 74.616 ms

Loss rate: 0.00%

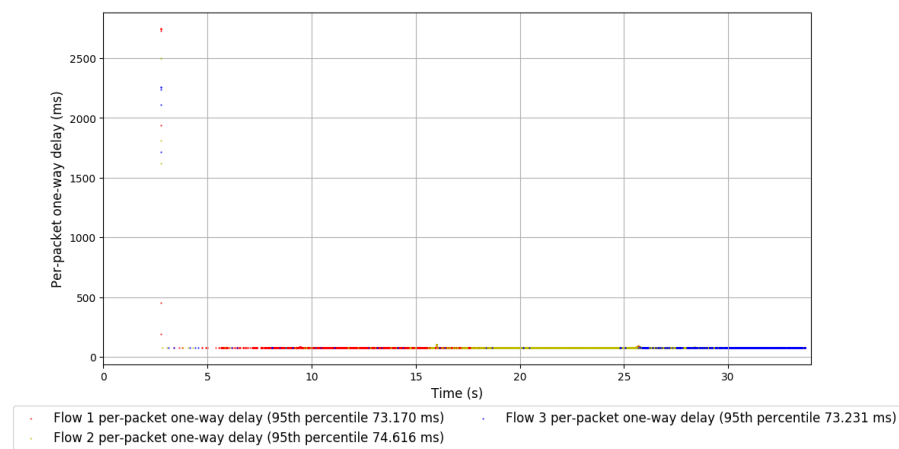
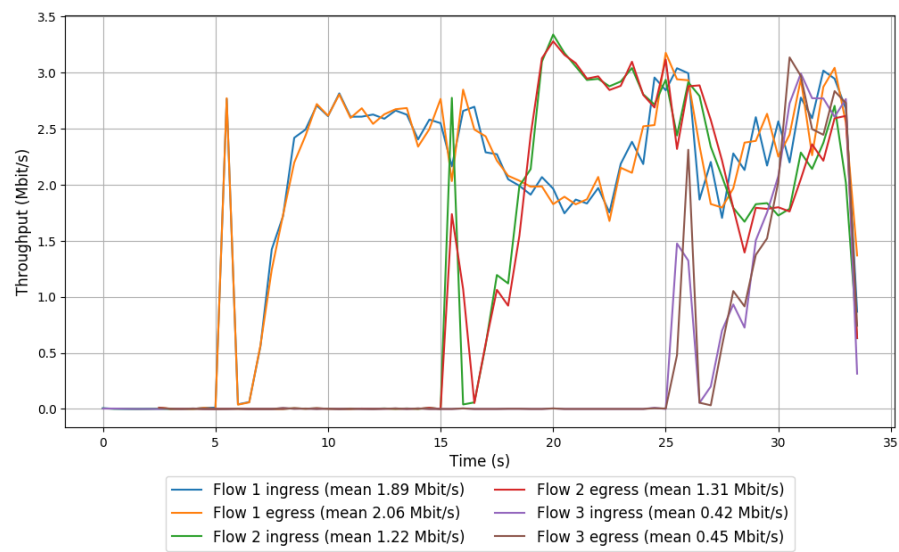
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 73.231 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 09:53:15 +0000

End at: Sat, 01 Jul 2017 09:53:45 +0000

Local clock offset: 0.137 ms

Remote clock offset: -14.566 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.75 Mbit/s

95th percentile per-packet one-way delay: 72.498 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 72.272 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.16 Mbit/s

95th percentile per-packet one-way delay: 71.836 ms

Loss rate: 0.00%

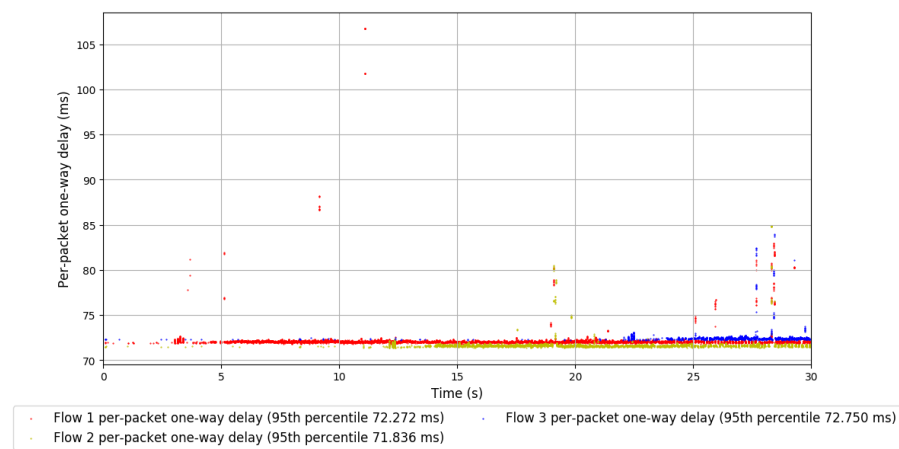
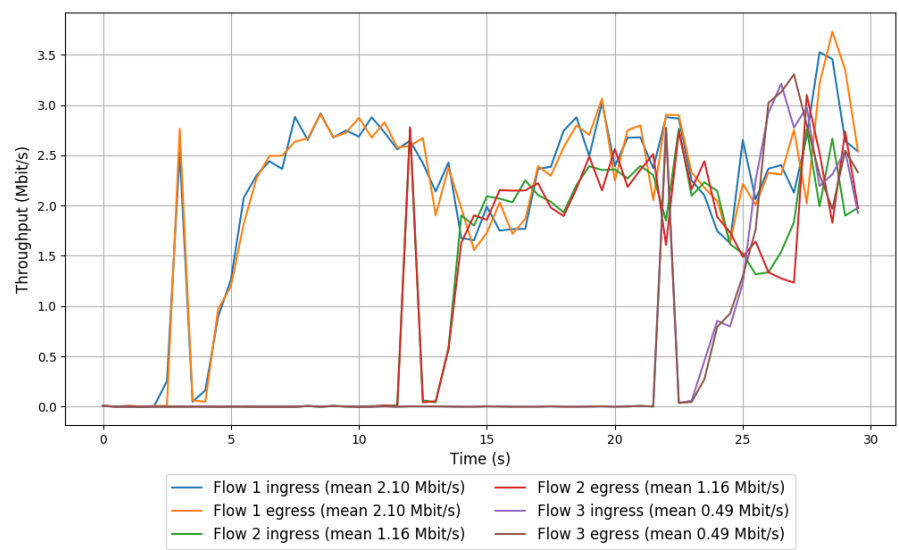
-- Flow 3:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 72.750 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 10:11:50 +0000

End at: Sat, 01 Jul 2017 10:12:20 +0000

Local clock offset: 0.28 ms

Remote clock offset: -15.236 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.07 Mbit/s

95th percentile per-packet one-way delay: 74.018 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.08 Mbit/s

95th percentile per-packet one-way delay: 73.093 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.50 Mbit/s

95th percentile per-packet one-way delay: 73.017 ms

Loss rate: 0.00%

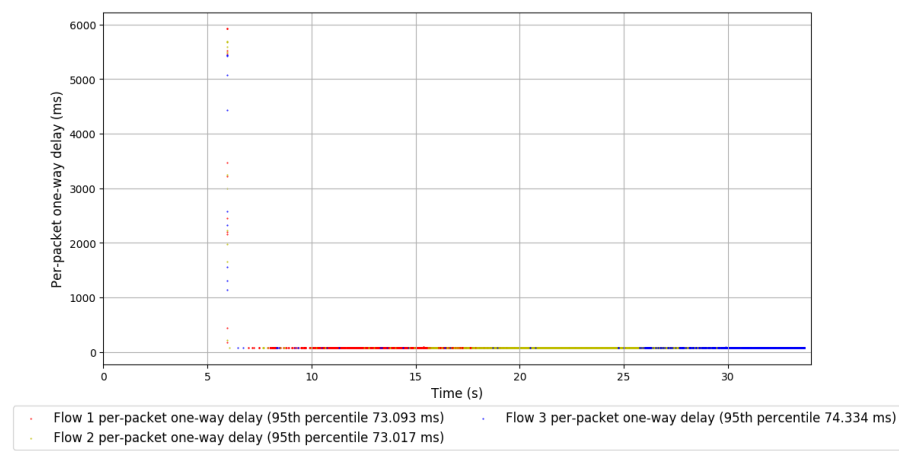
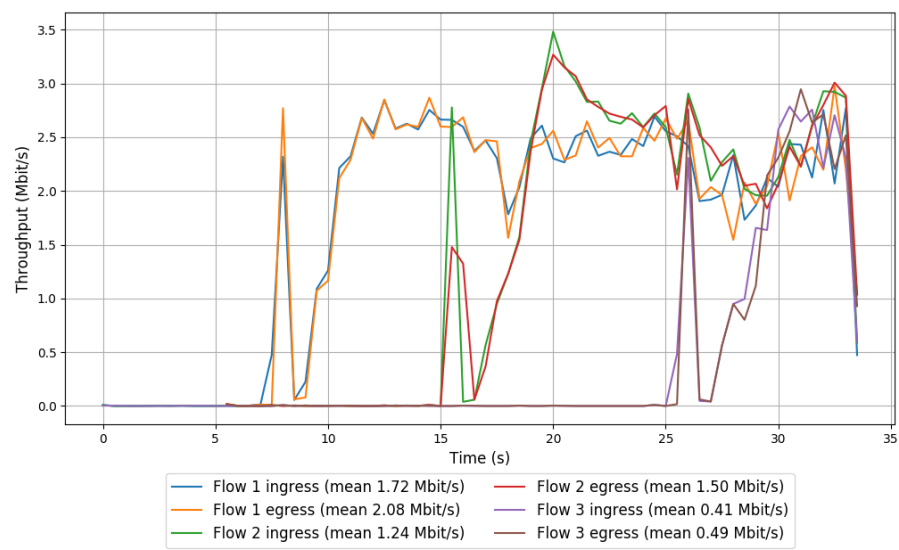
-- Flow 3:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 74.334 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 10:30:28 +0000

End at: Sat, 01 Jul 2017 10:30:58 +0000

Local clock offset: 0.323 ms

Remote clock offset: -17.07 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.76 Mbit/s

95th percentile per-packet one-way delay: 75.185 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.05 Mbit/s

95th percentile per-packet one-way delay: 74.894 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 73.710 ms

Loss rate: 0.00%

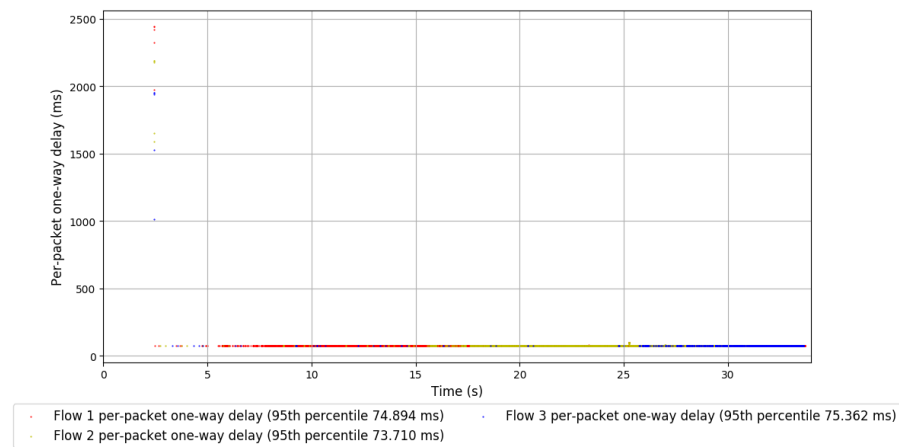
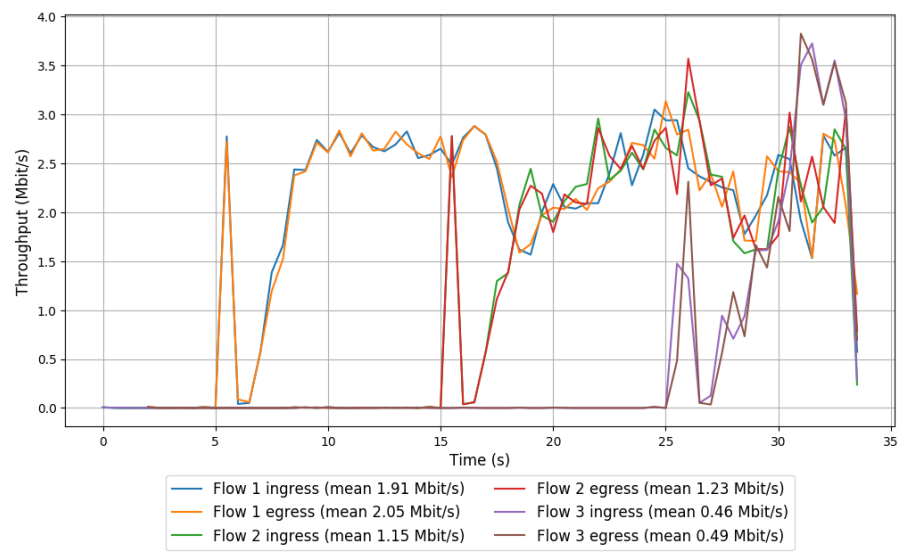
-- Flow 3:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 75.362 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 10:48:56 +0000

End at: Sat, 01 Jul 2017 10:49:26 +0000

Local clock offset: 0.364 ms

Remote clock offset: -17.867 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.59 Mbit/s

95th percentile per-packet one-way delay: 76.011 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 76.056 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.24 Mbit/s

95th percentile per-packet one-way delay: 74.948 ms

Loss rate: 0.00%

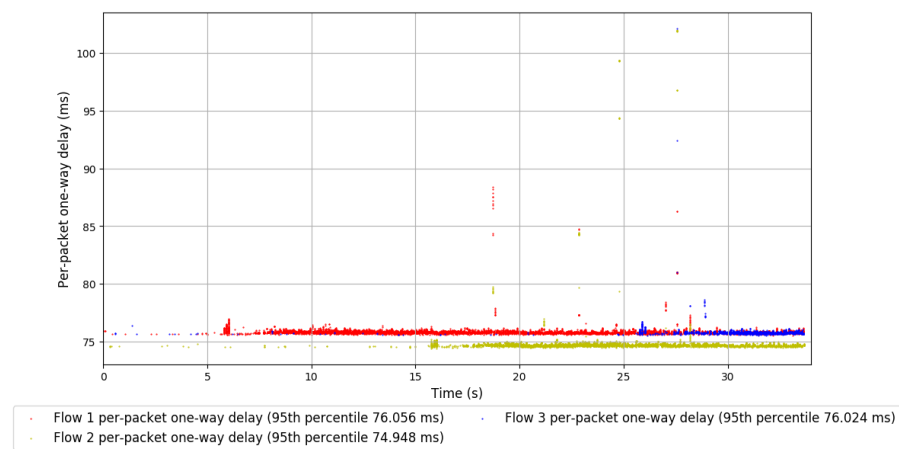
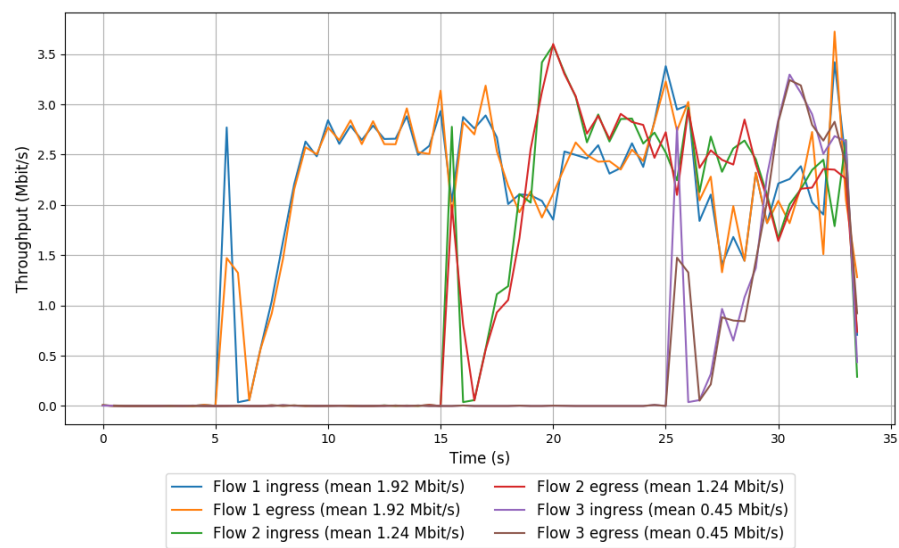
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 76.024 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 11:07:31 +0000

End at: Sat, 01 Jul 2017 11:08:01 +0000

Local clock offset: 0.418 ms

Remote clock offset: -18.406 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.52 Mbit/s

95th percentile per-packet one-way delay: 77.203 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 77.242 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.10 Mbit/s

95th percentile per-packet one-way delay: 76.830 ms

Loss rate: 0.00%

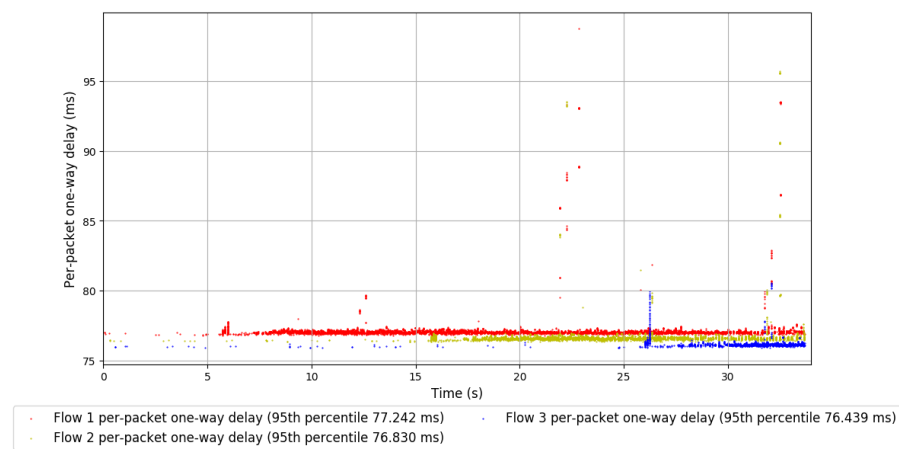
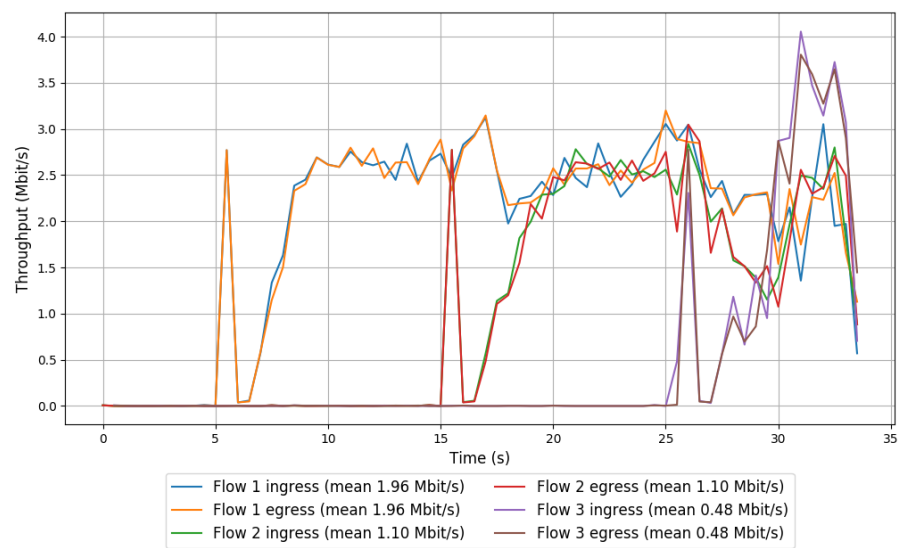
-- Flow 3:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 76.439 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 11:26:04 +0000

End at: Sat, 01 Jul 2017 11:26:34 +0000

Local clock offset: 0.467 ms

Remote clock offset: -16.36 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.58 Mbit/s

95th percentile per-packet one-way delay: 74.898 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.96 Mbit/s

95th percentile per-packet one-way delay: 74.920 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 74.879 ms

Loss rate: 0.00%

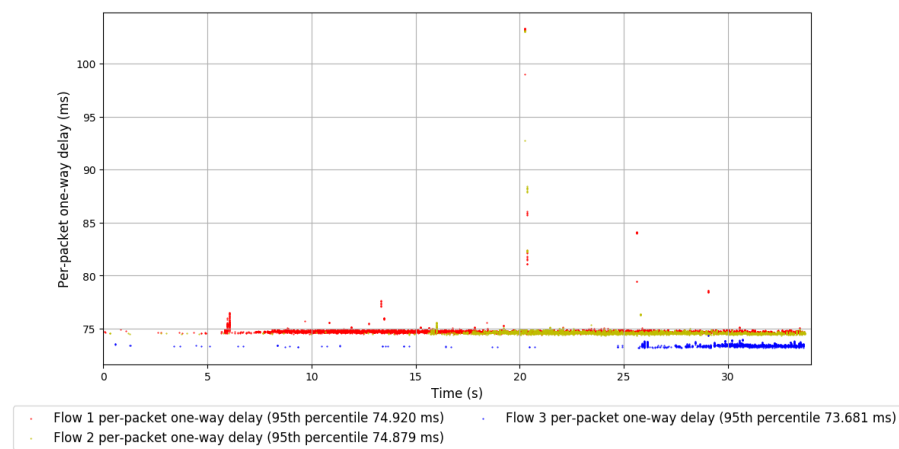
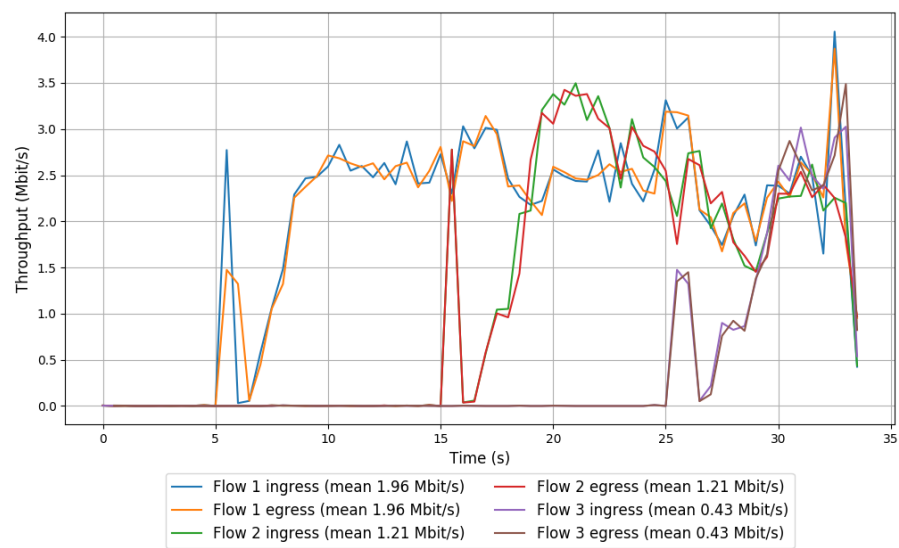
-- Flow 3:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 73.681 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 11:44:42 +0000

End at: Sat, 01 Jul 2017 11:45:12 +0000

Local clock offset: 0.558 ms

Remote clock offset: -13.97 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.01 Mbit/s

95th percentile per-packet one-way delay: 71.935 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 72.031 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.40 Mbit/s

95th percentile per-packet one-way delay: 71.618 ms

Loss rate: 0.00%

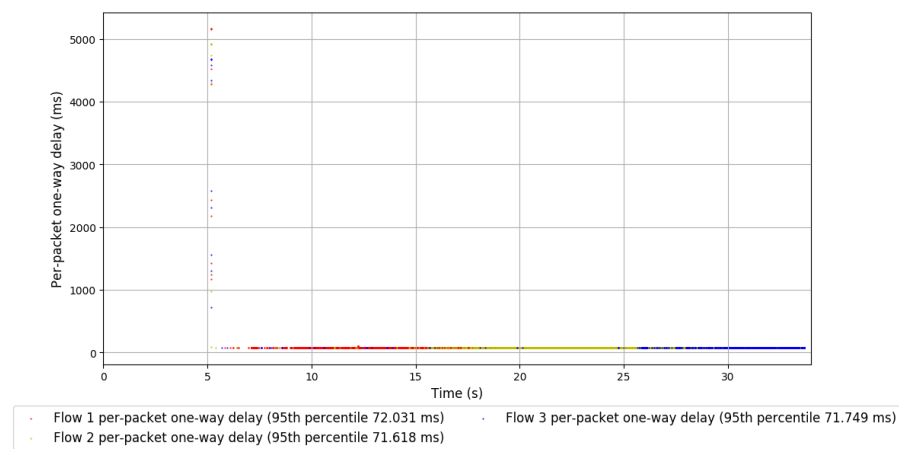
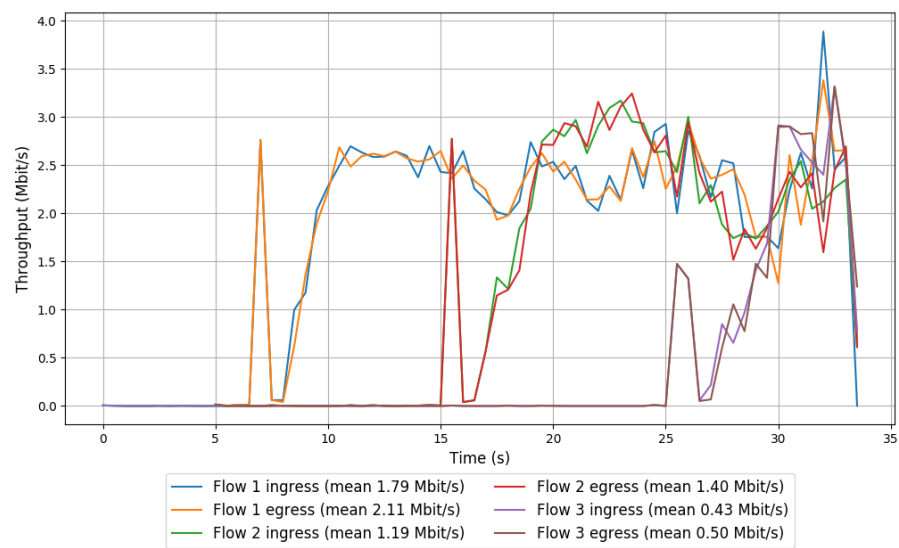
-- Flow 3:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 71.749 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 12:03:14 +0000

End at: Sat, 01 Jul 2017 12:03:44 +0000

Local clock offset: 0.533 ms

Remote clock offset: -11.984 ms

Below is generated by plot.py at Sat, 01 Jul 2017 16:15:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.48 Mbit/s

95th percentile per-packet one-way delay: 70.502 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.86 Mbit/s

95th percentile per-packet one-way delay: 70.462 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.23 Mbit/s

95th percentile per-packet one-way delay: 70.152 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 70.680 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

