

Pantheon Summary (Generated at Sat, 01 Jul 2017 17:58:39 +0000 with pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

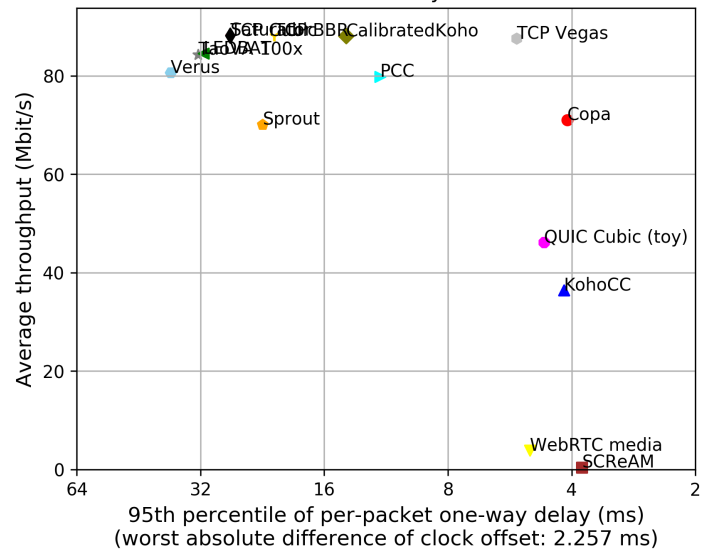
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Data path **from** Brazil Ethernet **to** AWS Brazil 1 Ethernet.

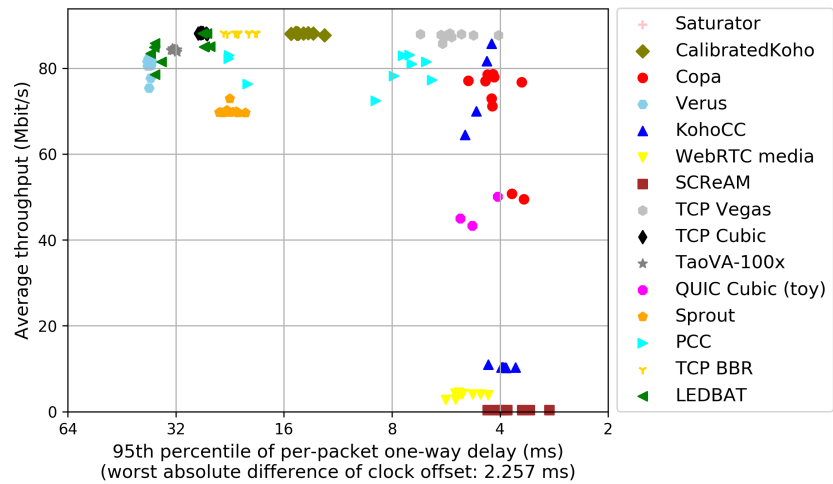
NTP offset measured against gps.ntp.br.

```
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-quick @ 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
```

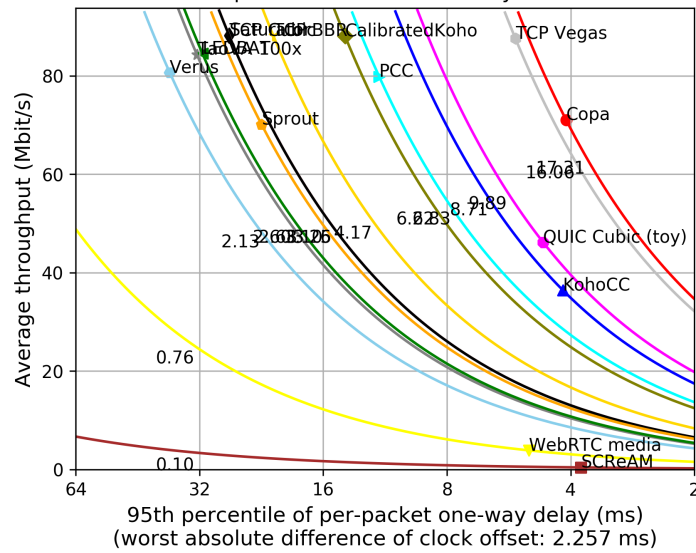
test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme



test from Brazil Ethernet to AWS Brazil 1 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 12:02:10 +0000

End at: Sat, 01 Jul 2017 12:02:40 +0000

Local clock offset: -0.795 ms

Remote clock offset: 0.043 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:08:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.91 Mbit/s

95th percentile per-packet one-way delay: 23.042 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 53.35 Mbit/s

95th percentile per-packet one-way delay: 22.606 ms

Loss rate: 0.32%

-- Flow 2:

Average throughput: 26.80 Mbit/s

95th percentile per-packet one-way delay: 23.611 ms

Loss rate: 0.14%

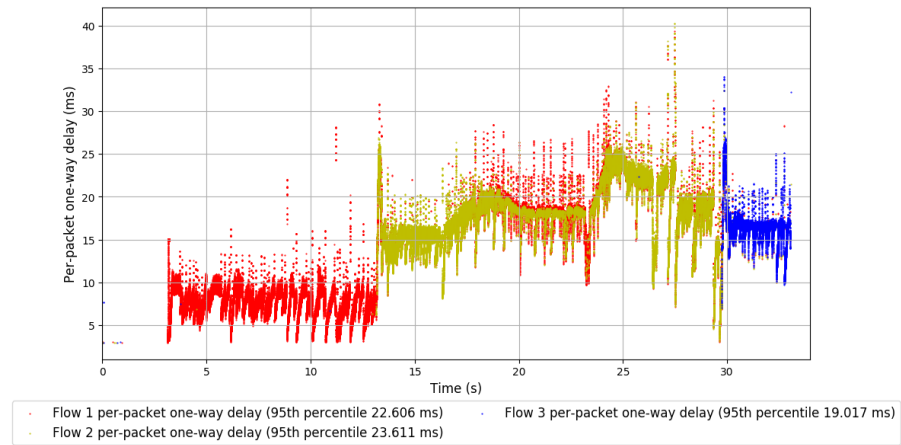
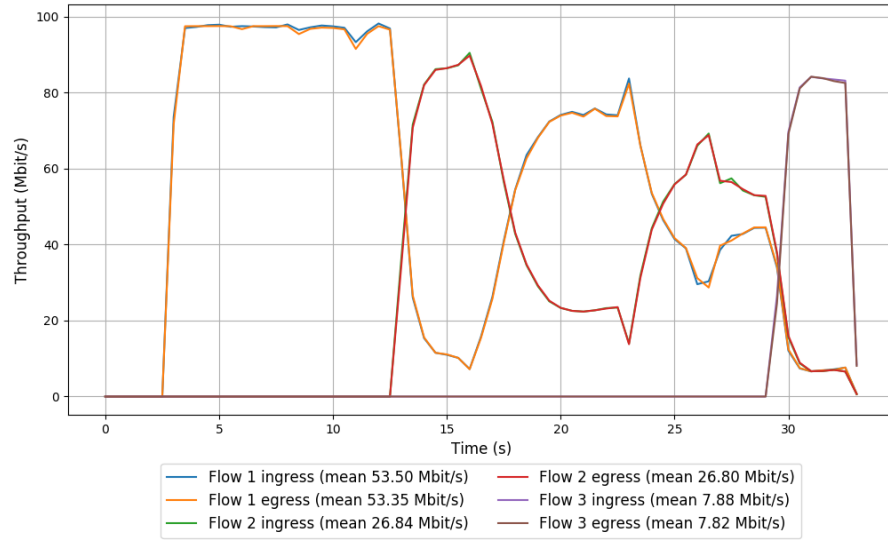
-- Flow 3:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 19.017 ms

Loss rate: 0.79%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 12:19:17 +0000

End at: Sat, 01 Jul 2017 12:19:47 +0000

Local clock offset: -1.57 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:08:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.04 Mbit/s

95th percentile per-packet one-way delay: 20.090 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 46.62 Mbit/s

95th percentile per-packet one-way delay: 18.922 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 28.56 Mbit/s

95th percentile per-packet one-way delay: 22.261 ms

Loss rate: 0.05%

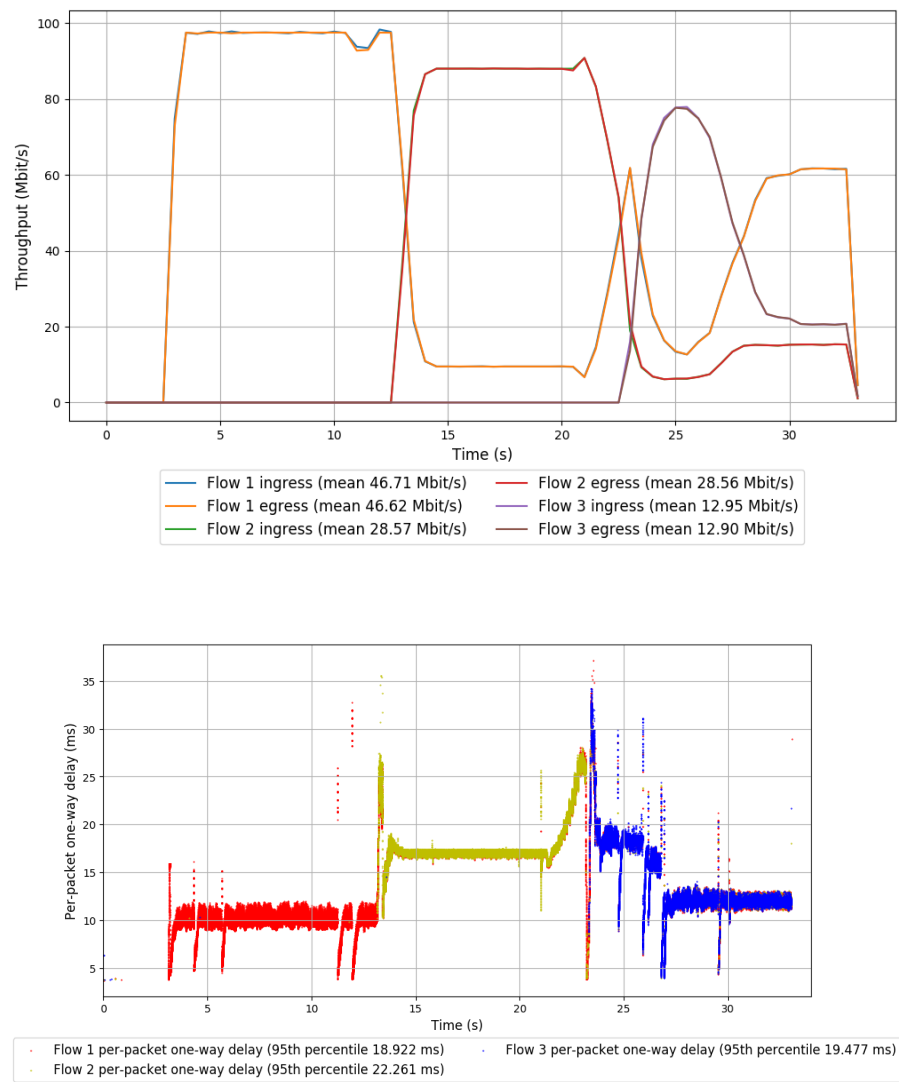
-- Flow 3:

Average throughput: 12.90 Mbit/s

95th percentile per-packet one-way delay: 19.477 ms

Loss rate: 0.34%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 12:36:33 +0000

End at: Sat, 01 Jul 2017 12:37:03 +0000

Local clock offset: -2.0 ms

Remote clock offset: 0.186 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:08:50 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 19.057 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 49.88 Mbit/s

95th percentile per-packet one-way delay: 19.217 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 21.11 Mbit/s

95th percentile per-packet one-way delay: 16.570 ms

Loss rate: 0.03%

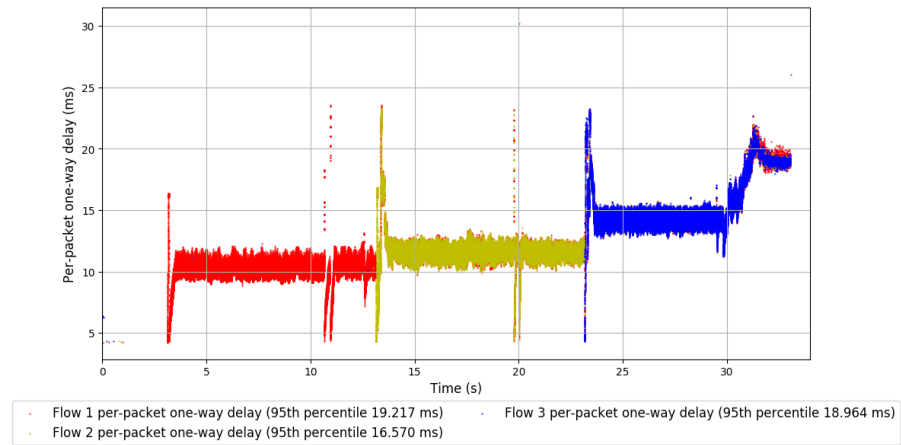
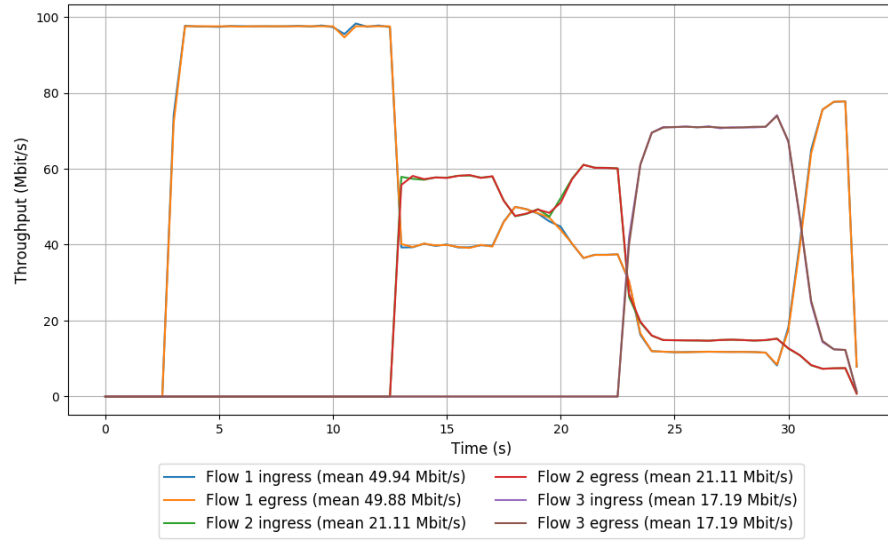
-- Flow 3:

Average throughput: 17.19 Mbit/s

95th percentile per-packet one-way delay: 18.964 ms

Loss rate: 0.04%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 12:53:43 +0000

End at: Sat, 01 Jul 2017 12:54:13 +0000

Local clock offset: -1.705 ms

Remote clock offset: 0.057 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:08:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 21.414 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 54.81 Mbit/s

95th percentile per-packet one-way delay: 21.205 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 22.37 Mbit/s

95th percentile per-packet one-way delay: 21.539 ms

Loss rate: 0.05%

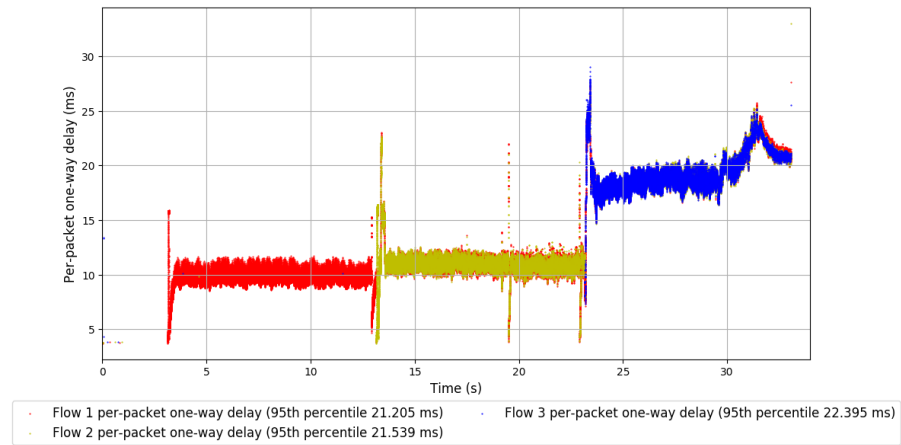
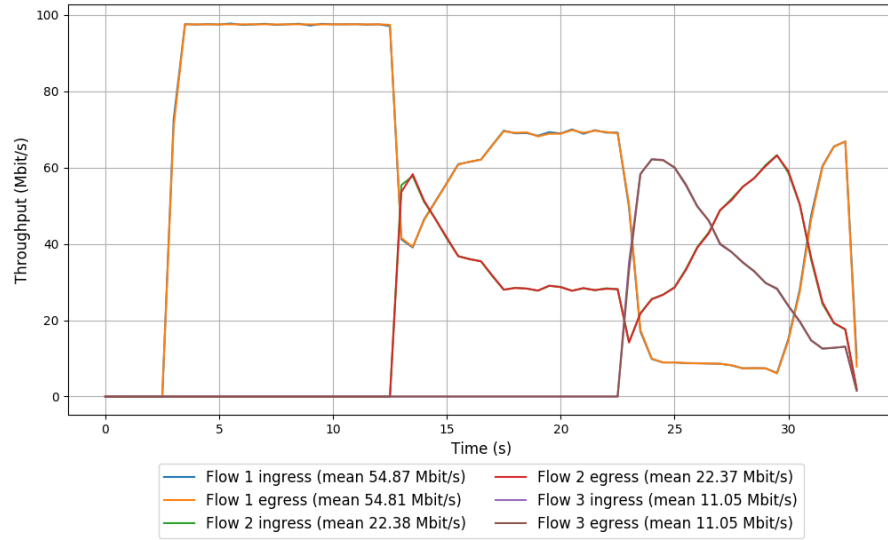
-- Flow 3:

Average throughput: 11.05 Mbit/s

95th percentile per-packet one-way delay: 22.395 ms

Loss rate: 0.08%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 13:10:54 +0000

End at: Sat, 01 Jul 2017 13:11:24 +0000

Local clock offset: -1.748 ms

Remote clock offset: -0.128 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:09:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 20.052 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 63.80 Mbit/s

95th percentile per-packet one-way delay: 19.930 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 19.94 Mbit/s

95th percentile per-packet one-way delay: 19.660 ms

Loss rate: 0.04%

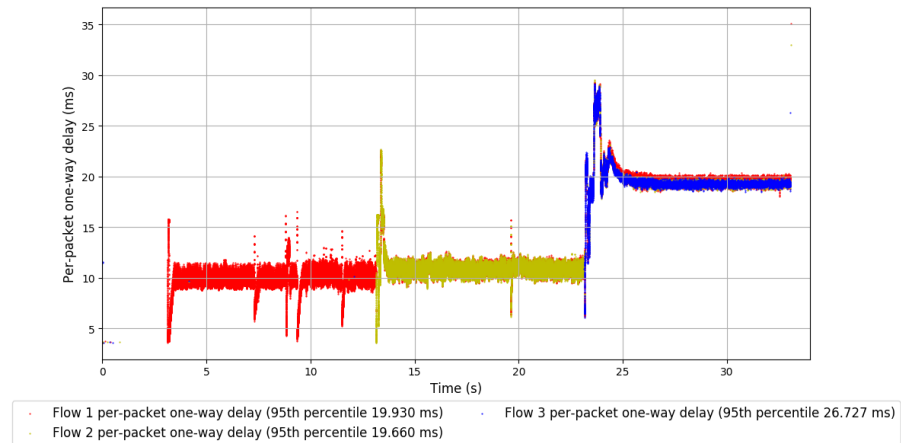
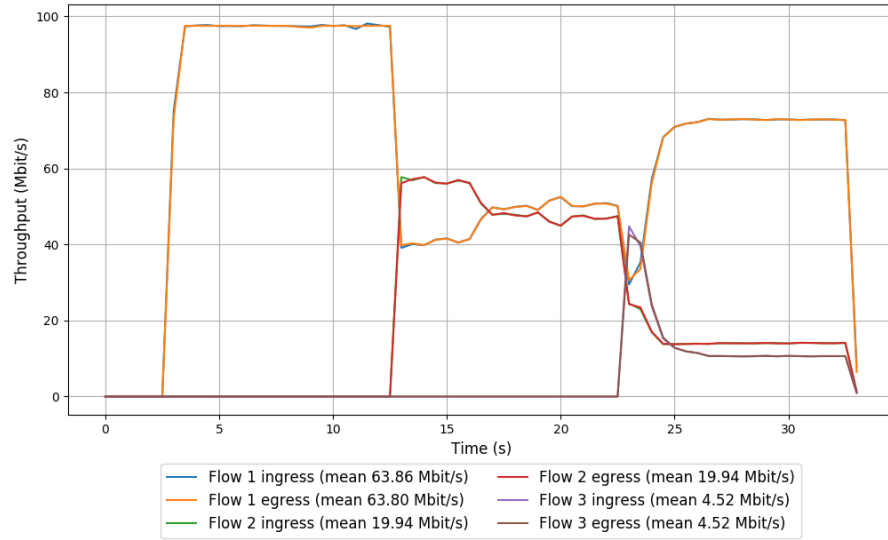
-- Flow 3:

Average throughput: 4.52 Mbit/s

95th percentile per-packet one-way delay: 26.727 ms

Loss rate: 0.14%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 13:28:05 +0000

End at: Sat, 01 Jul 2017 13:28:35 +0000

Local clock offset: -2.014 ms

Remote clock offset: -0.182 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:09:41 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.20 Mbit/s

95th percentile per-packet one-way delay: 19.270 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 67.22 Mbit/s

95th percentile per-packet one-way delay: 19.256 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 16.36 Mbit/s

95th percentile per-packet one-way delay: 18.962 ms

Loss rate: 0.03%

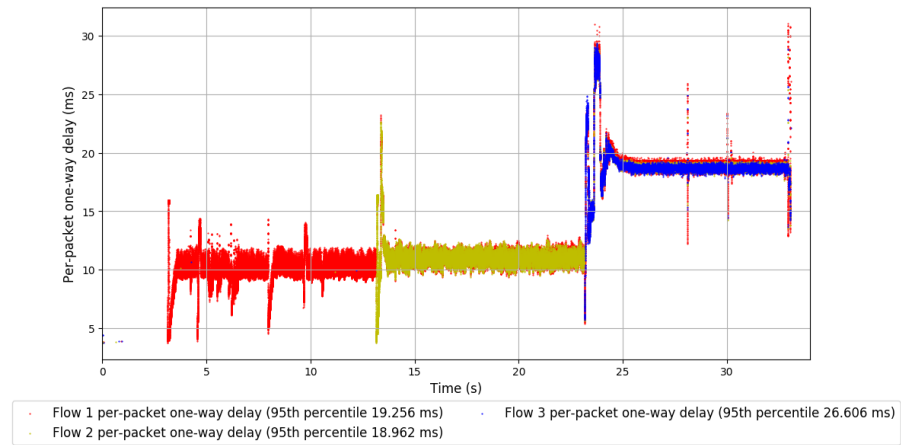
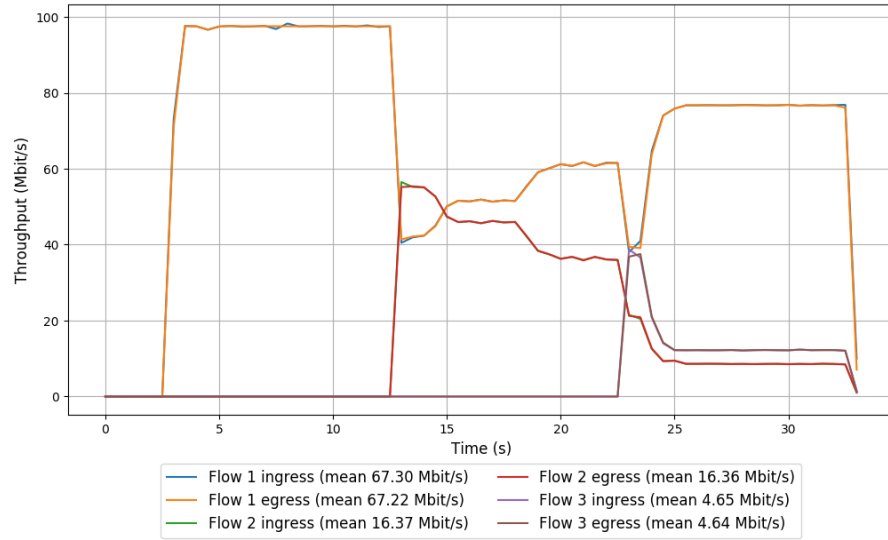
-- Flow 3:

Average throughput: 4.64 Mbit/s

95th percentile per-packet one-way delay: 26.606 ms

Loss rate: 0.15%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 13:45:20 +0000

End at: Sat, 01 Jul 2017 13:45:50 +0000

Local clock offset: -2.197 ms

Remote clock offset: -0.304 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:10:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.11 Mbit/s

95th percentile per-packet one-way delay: 21.636 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 57.40 Mbit/s

95th percentile per-packet one-way delay: 20.651 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 21.70 Mbit/s

95th percentile per-packet one-way delay: 21.424 ms

Loss rate: 0.07%

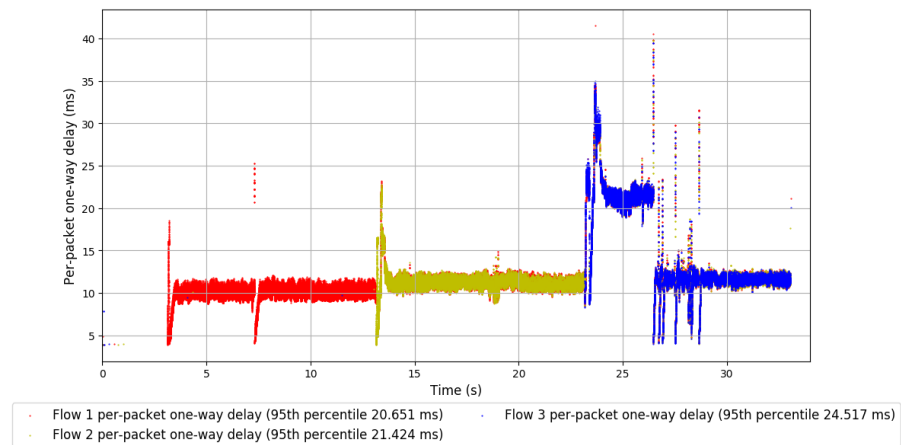
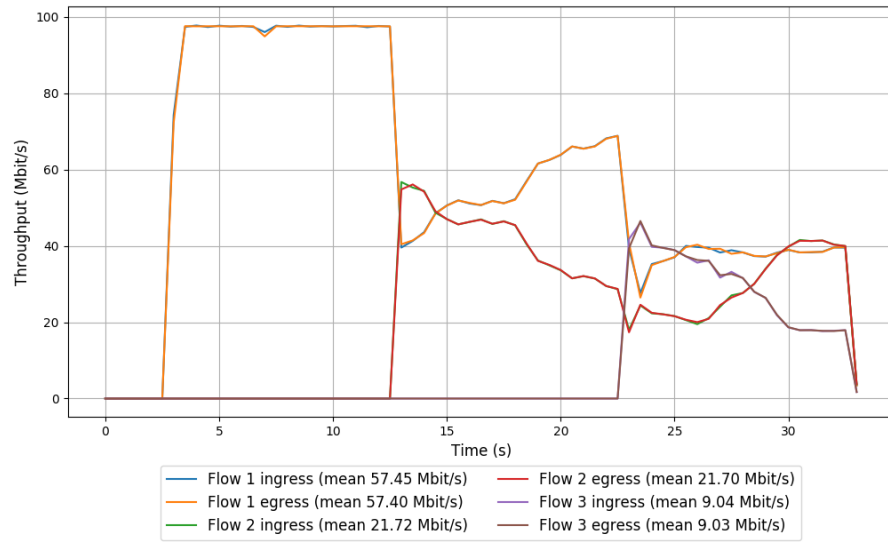
-- Flow 3:

Average throughput: 9.03 Mbit/s

95th percentile per-packet one-way delay: 24.517 ms

Loss rate: 0.12%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 14:02:30 +0000

End at: Sat, 01 Jul 2017 14:03:00 +0000

Local clock offset: -2.223 ms

Remote clock offset: -0.529 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:10:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 23.552 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 65.11 Mbit/s

95th percentile per-packet one-way delay: 23.228 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 16.01 Mbit/s

95th percentile per-packet one-way delay: 23.522 ms

Loss rate: 0.08%

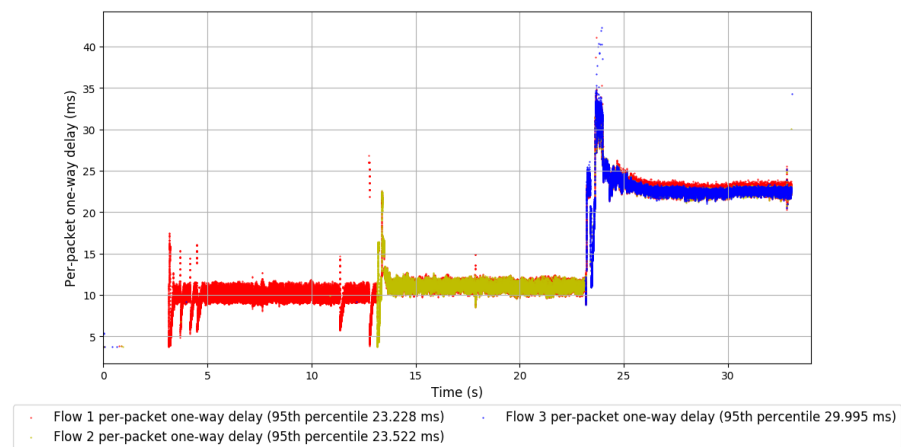
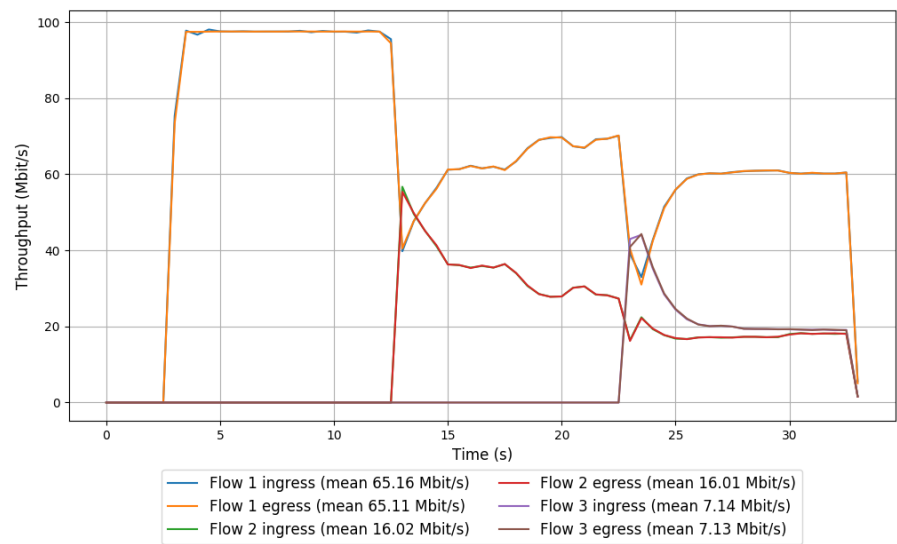
-- Flow 3:

Average throughput: 7.13 Mbit/s

95th percentile per-packet one-way delay: 29.995 ms

Loss rate: 0.19%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 14:19:40 +0000

End at: Sat, 01 Jul 2017 14:20:10 +0000

Local clock offset: -2.093 ms

Remote clock offset: -0.728 ms

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

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.97 Mbit/s

95th percentile per-packet one-way delay: 21.530 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 50.50 Mbit/s

95th percentile per-packet one-way delay: 15.570 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 21.03 Mbit/s

95th percentile per-packet one-way delay: 21.680 ms

Loss rate: 0.14%

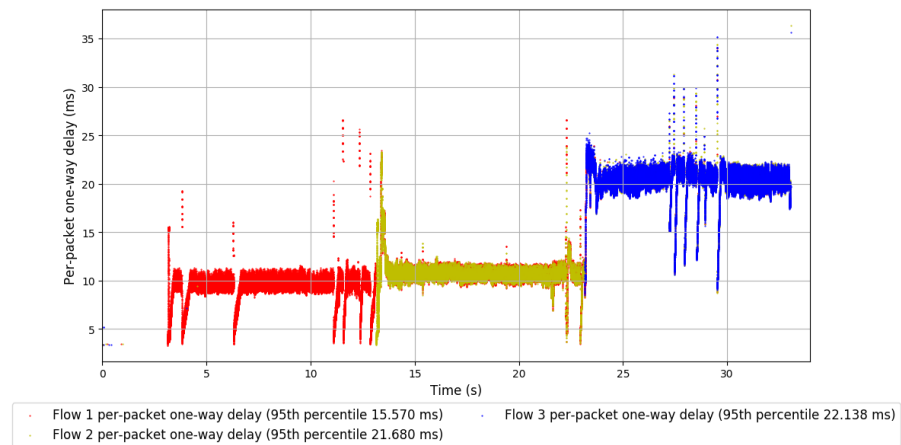
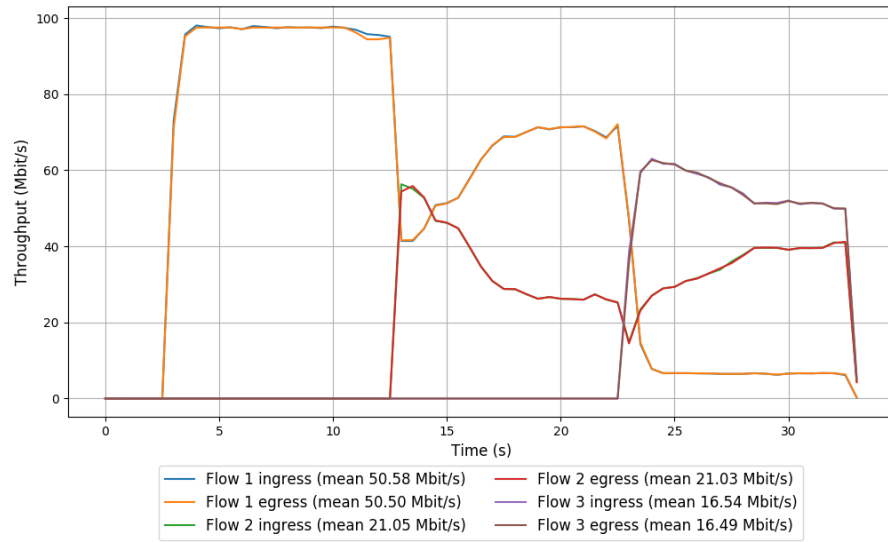
-- Flow 3:

Average throughput: 16.49 Mbit/s

95th percentile per-packet one-way delay: 22.138 ms

Loss rate: 0.27%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sat, 01 Jul 2017 14:36:55 +0000

End at: Sat, 01 Jul 2017 14:37:25 +0000

Local clock offset: -1.801 ms

Remote clock offset: -0.988 ms

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

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.16 Mbit/s

95th percentile per-packet one-way delay: 21.922 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 52.78 Mbit/s

95th percentile per-packet one-way delay: 15.024 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 21.43 Mbit/s

95th percentile per-packet one-way delay: 22.278 ms

Loss rate: 0.18%

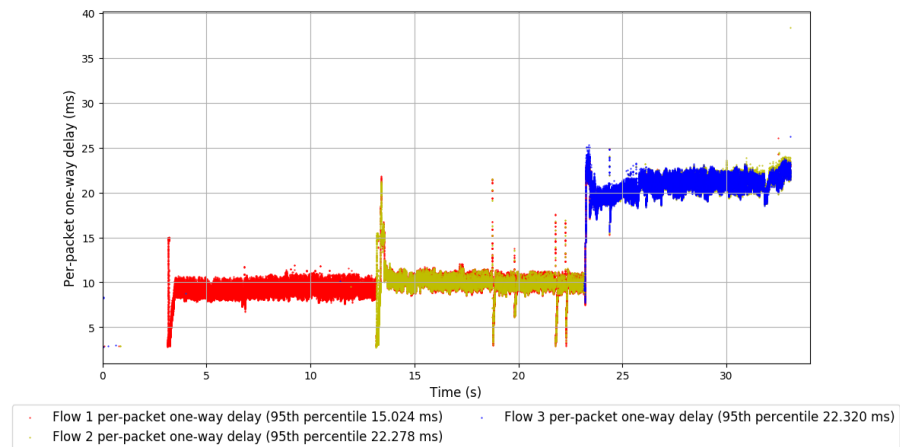
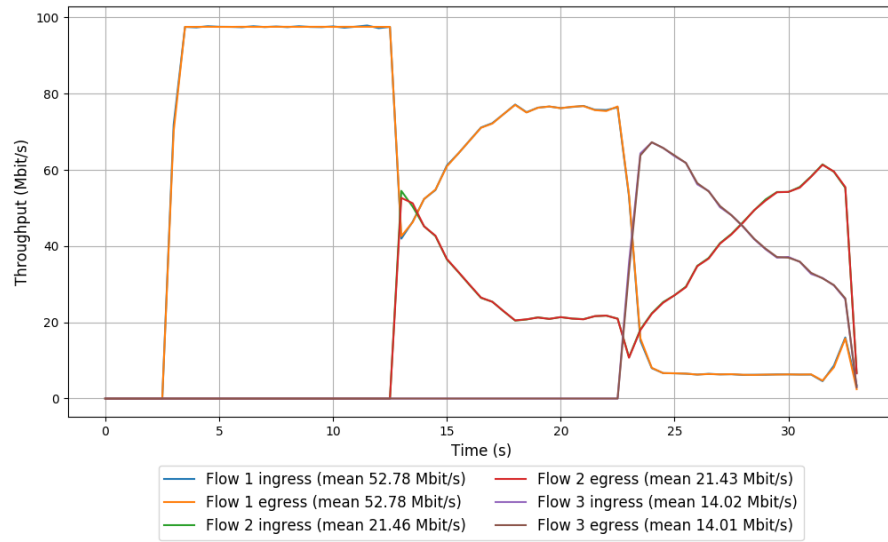
-- Flow 3:

Average throughput: 14.01 Mbit/s

95th percentile per-packet one-way delay: 22.320 ms

Loss rate: 0.12%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 12:12:25 +0000

End at: Sat, 01 Jul 2017 12:12:55 +0000

Local clock offset: -1.357 ms

Remote clock offset: 0.093 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:12:01 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.69 Mbit/s

95th percentile per-packet one-way delay: 12.331 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 34.10 Mbit/s

95th percentile per-packet one-way delay: 9.515 ms

Loss rate: 0.27%

-- Flow 2:

Average throughput: 27.38 Mbit/s

95th percentile per-packet one-way delay: 10.815 ms

Loss rate: 0.27%

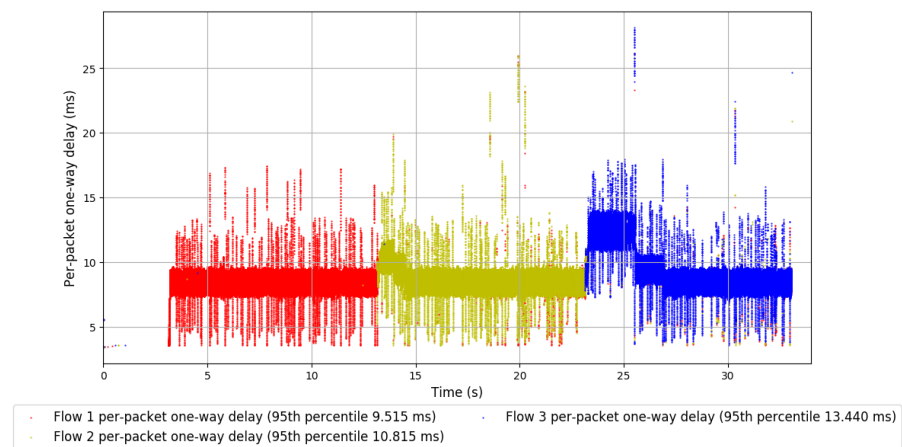
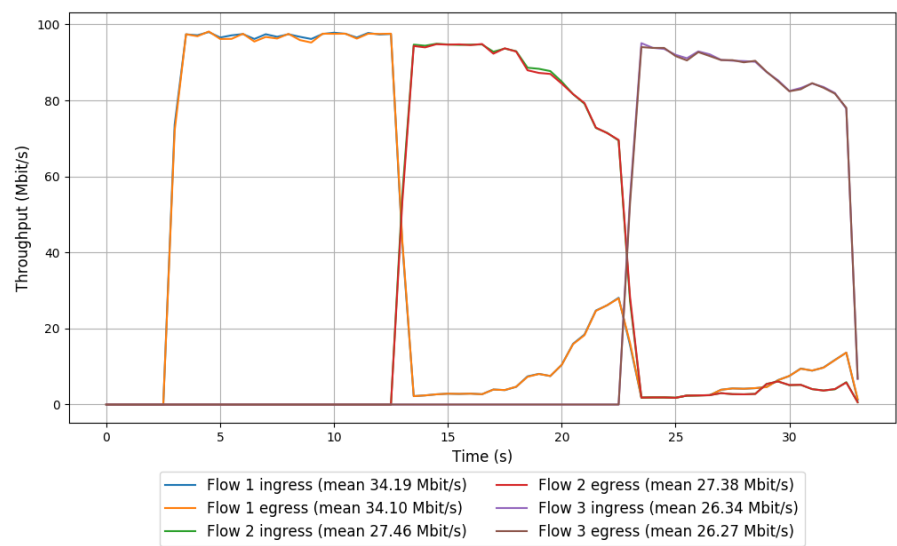
-- Flow 3:

Average throughput: 26.27 Mbit/s

95th percentile per-packet one-way delay: 13.440 ms

Loss rate: 0.25%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 12:29:35 +0000

End at: Sat, 01 Jul 2017 12:30:05 +0000

Local clock offset: -1.957 ms

Remote clock offset: 0.193 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:12:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.12 Mbit/s

95th percentile per-packet one-way delay: 14.124 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 32.68 Mbit/s

95th percentile per-packet one-way delay: 10.443 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 28.83 Mbit/s

95th percentile per-packet one-way delay: 12.784 ms

Loss rate: 0.11%

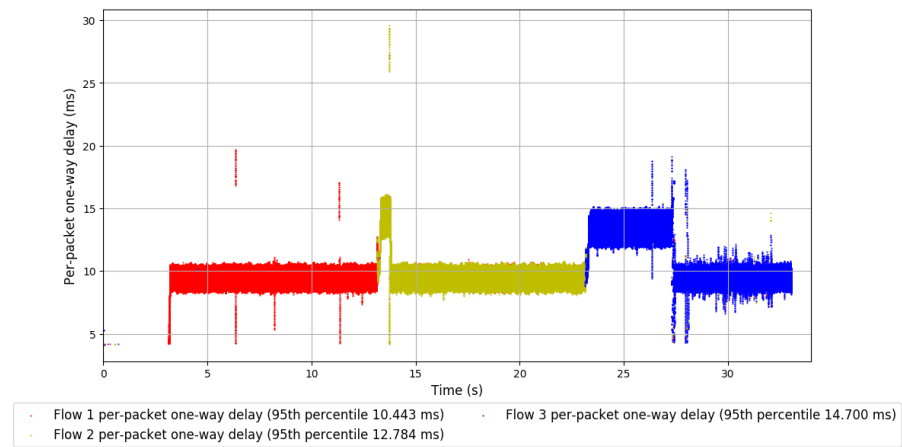
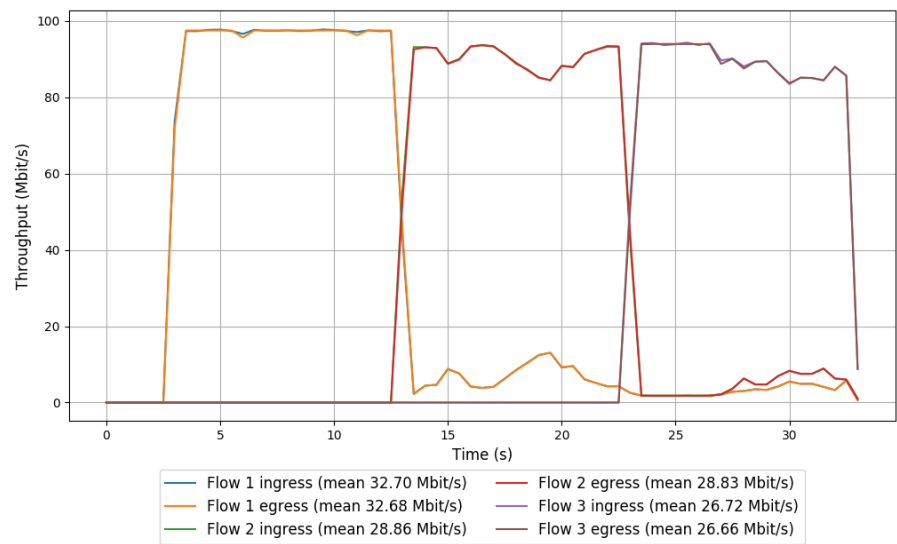
-- Flow 3:

Average throughput: 26.66 Mbit/s

95th percentile per-packet one-way delay: 14.700 ms

Loss rate: 0.24%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 12:46:51 +0000

End at: Sat, 01 Jul 2017 12:47:21 +0000

Local clock offset: -1.781 ms

Remote clock offset: 0.151 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:12:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.98 Mbit/s

95th percentile per-packet one-way delay: 15.287 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 32.63 Mbit/s

95th percentile per-packet one-way delay: 10.456 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 27.61 Mbit/s

95th percentile per-packet one-way delay: 11.057 ms

Loss rate: 0.31%

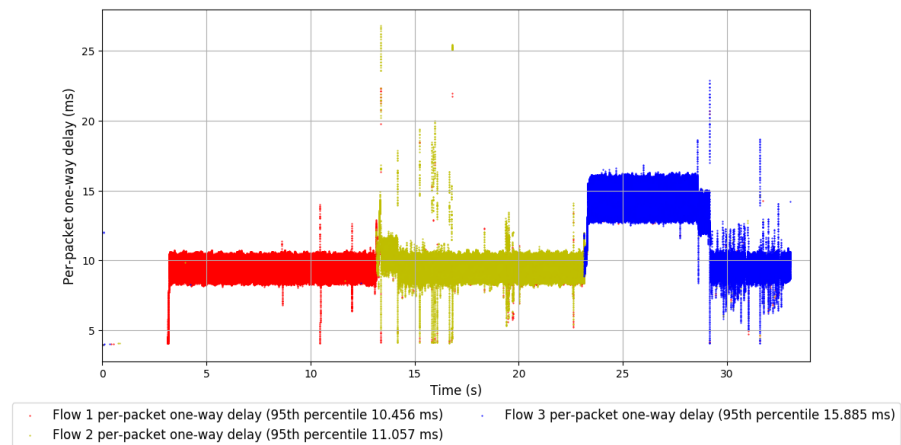
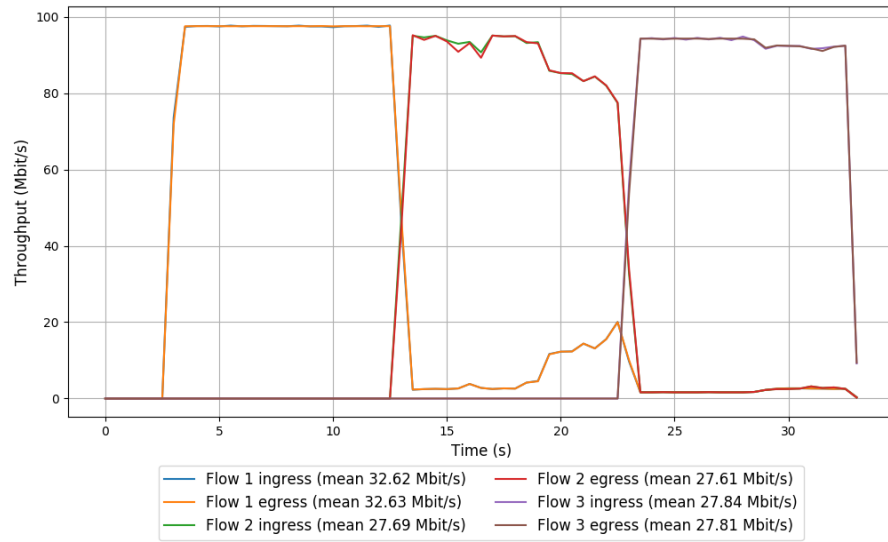
-- Flow 3:

Average throughput: 27.81 Mbit/s

95th percentile per-packet one-way delay: 15.885 ms

Loss rate: 0.16%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 13:04:01 +0000

End at: Sat, 01 Jul 2017 13:04:31 +0000

Local clock offset: -1.745 ms

Remote clock offset: -0.115 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:12:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.10 Mbit/s

95th percentile per-packet one-way delay: 14.124 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 32.04 Mbit/s

95th percentile per-packet one-way delay: 9.447 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 28.25 Mbit/s

95th percentile per-packet one-way delay: 14.503 ms

Loss rate: 0.04%

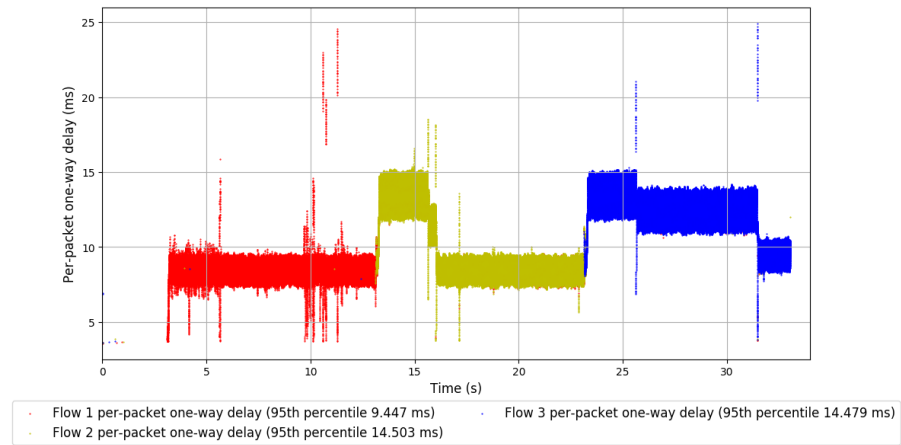
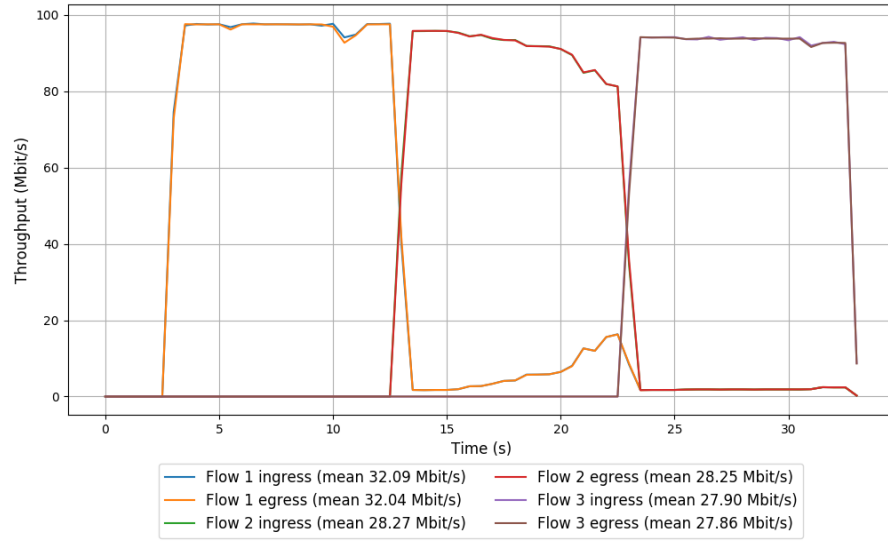
-- Flow 3:

Average throughput: 27.86 Mbit/s

95th percentile per-packet one-way delay: 14.479 ms

Loss rate: 0.17%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 13:21:12 +0000

End at: Sat, 01 Jul 2017 13:21:42 +0000

Local clock offset: -1.857 ms

Remote clock offset: -0.166 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:13:36 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.17 Mbit/s

95th percentile per-packet one-way delay: 14.656 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 31.26 Mbit/s

95th percentile per-packet one-way delay: 9.401 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 28.97 Mbit/s

95th percentile per-packet one-way delay: 14.612 ms

Loss rate: 0.16%

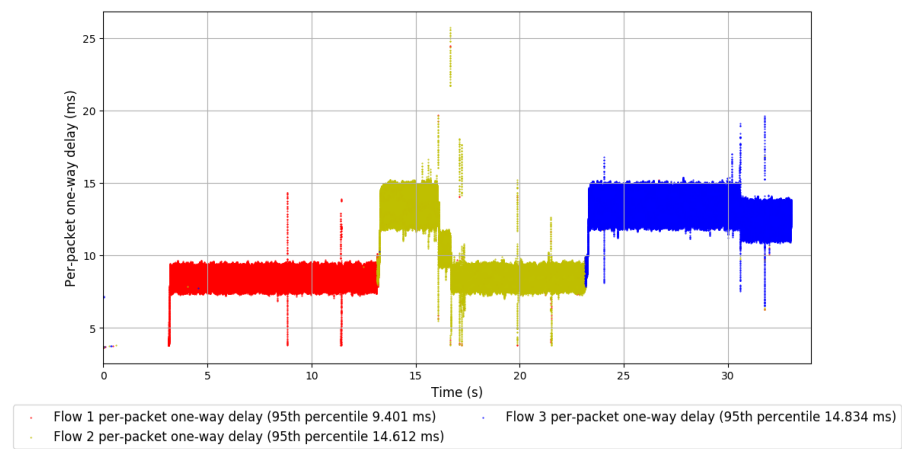
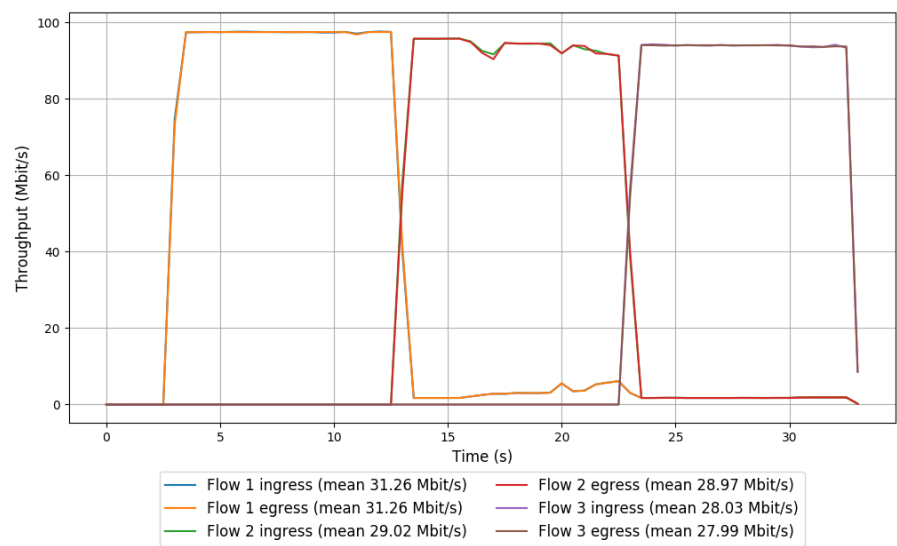
-- Flow 3:

Average throughput: 27.99 Mbit/s

95th percentile per-packet one-way delay: 14.834 ms

Loss rate: 0.13%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 13:38:22 +0000

End at: Sat, 01 Jul 2017 13:38:52 +0000

Local clock offset: -2.163 ms

Remote clock offset: -0.185 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:13:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.29 Mbit/s

95th percentile per-packet one-way delay: 14.839 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 30.87 Mbit/s

95th percentile per-packet one-way delay: 10.539 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 57.46 Mbit/s

95th percentile per-packet one-way delay: 14.898 ms

Loss rate: 0.06%

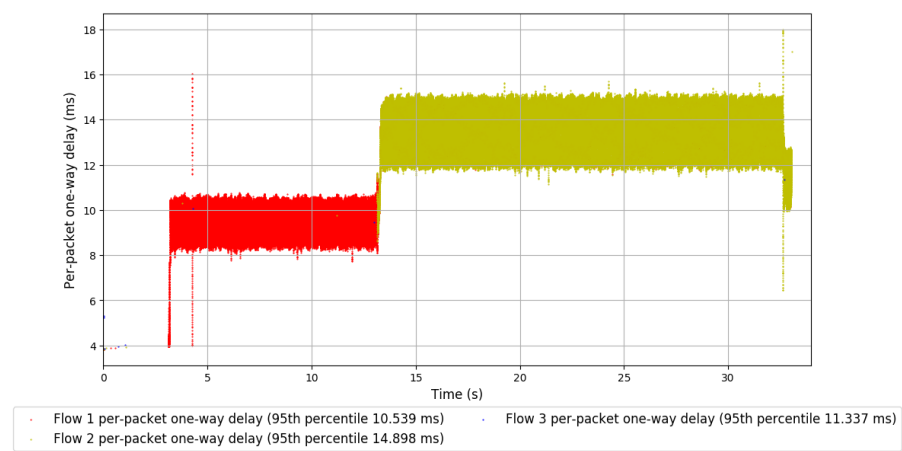
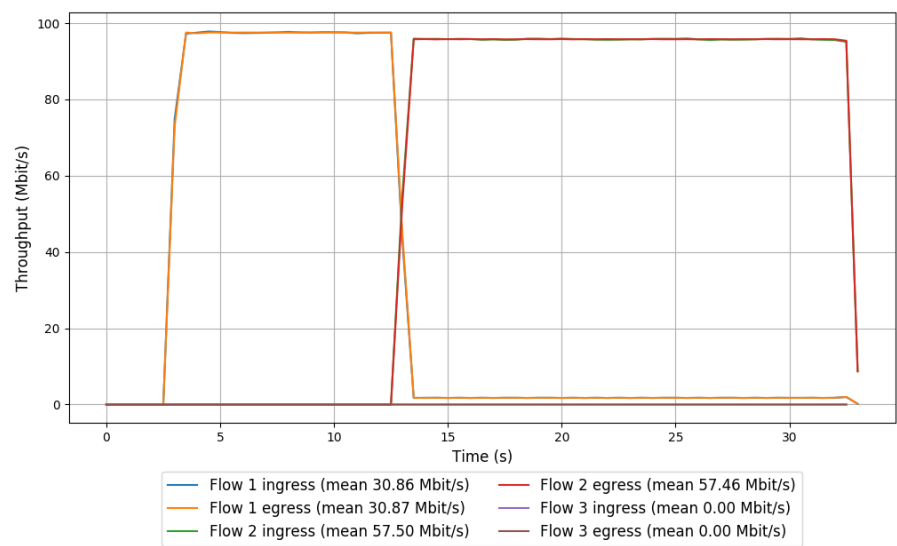
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 11.337 ms

Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 13:55:36 +0000

End at: Sat, 01 Jul 2017 13:56:07 +0000

Local clock offset: -2.217 ms

Remote clock offset: -0.417 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:14:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.00 Mbit/s

95th percentile per-packet one-way delay: 14.600 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 30.88 Mbit/s

95th percentile per-packet one-way delay: 9.463 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 39.45 Mbit/s

95th percentile per-packet one-way delay: 14.827 ms

Loss rate: 0.05%

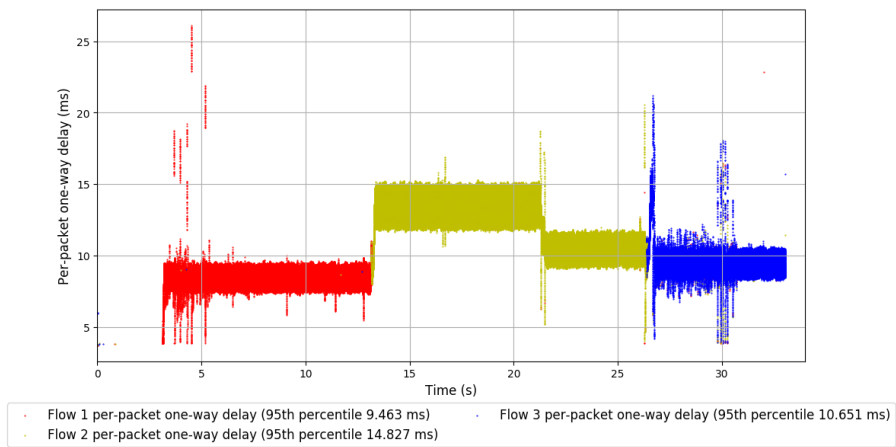
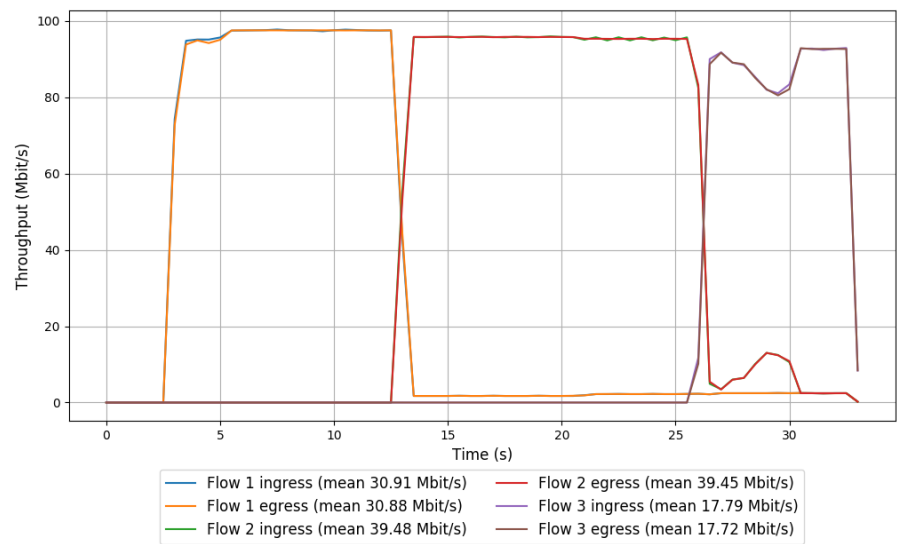
-- Flow 3:

Average throughput: 17.72 Mbit/s

95th percentile per-packet one-way delay: 10.651 ms

Loss rate: 0.39%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 14:12:47 +0000

End at: Sat, 01 Jul 2017 14:13:17 +0000

Local clock offset: -2.185 ms

Remote clock offset: -0.651 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:14:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 13.257 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 32.39 Mbit/s

95th percentile per-packet one-way delay: 9.463 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.80 Mbit/s

95th percentile per-packet one-way delay: 14.214 ms

Loss rate: 0.21%

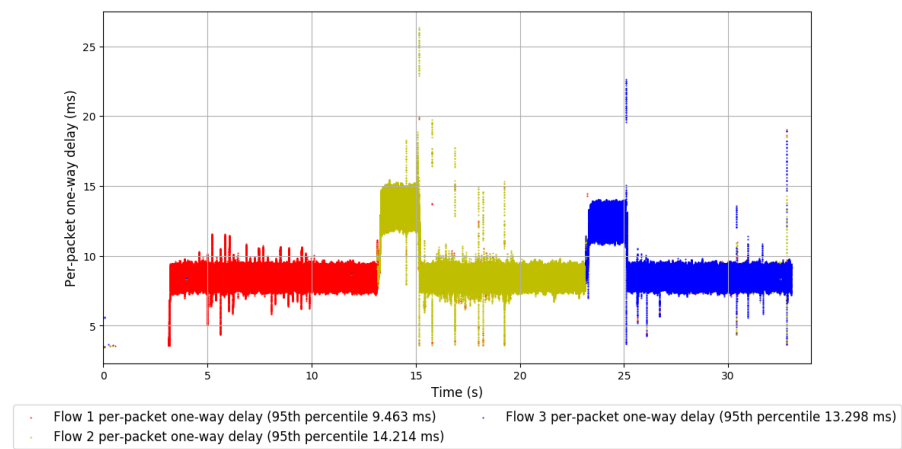
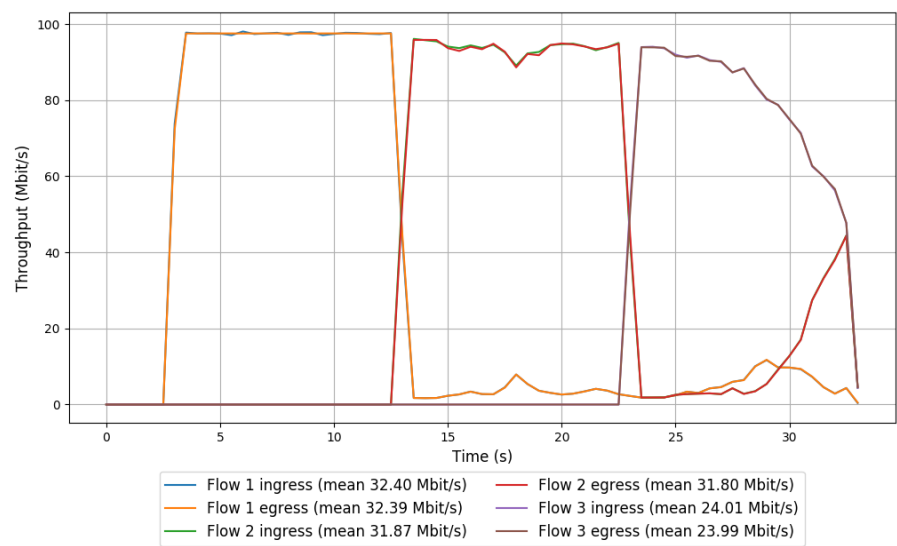
-- Flow 3:

Average throughput: 23.99 Mbit/s

95th percentile per-packet one-way delay: 13.298 ms

Loss rate: 0.11%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 14:29:56 +0000

End at: Sat, 01 Jul 2017 14:30:26 +0000

Local clock offset: -1.873 ms

Remote clock offset: -0.83 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:15:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.01 Mbit/s

95th percentile per-packet one-way delay: 14.721 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 31.05 Mbit/s

95th percentile per-packet one-way delay: 9.523 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 28.98 Mbit/s

95th percentile per-packet one-way delay: 12.665 ms

Loss rate: 0.13%

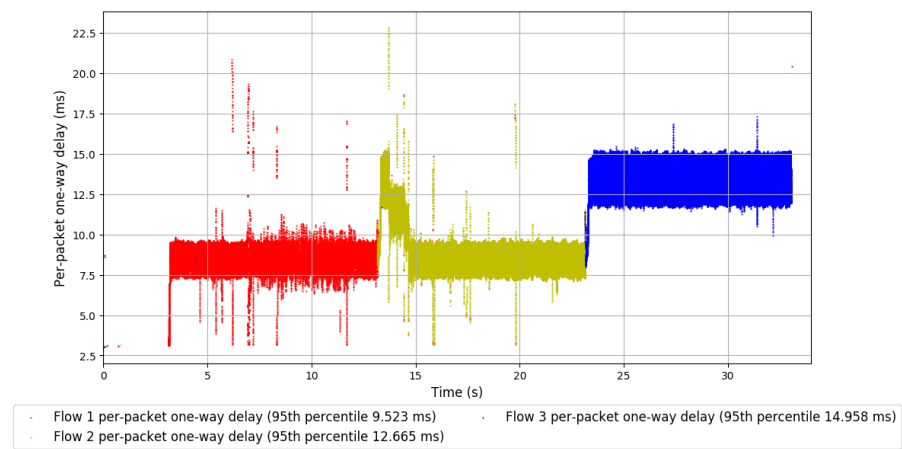
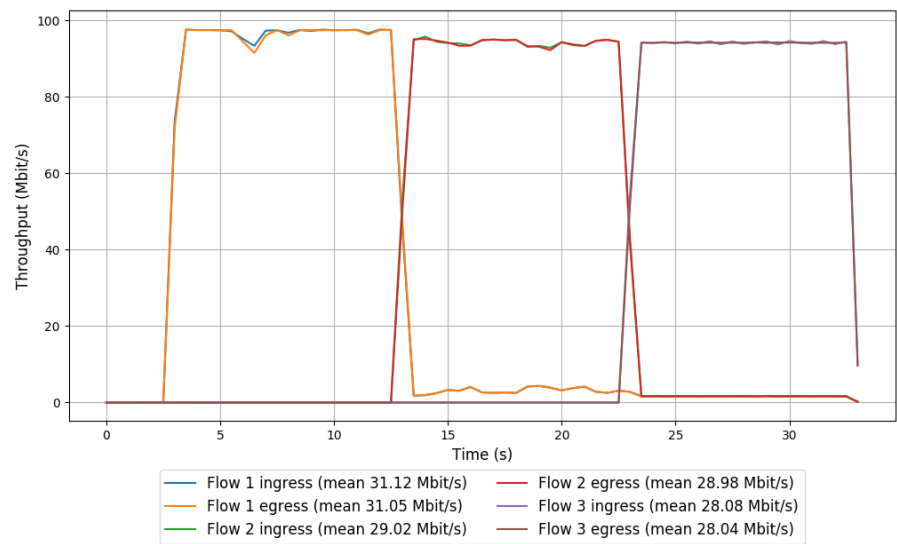
-- Flow 3:

Average throughput: 28.04 Mbit/s

95th percentile per-packet one-way delay: 14.958 ms

Loss rate: 0.16%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sat, 01 Jul 2017 14:47:12 +0000

End at: Sat, 01 Jul 2017 14:47:42 +0000

Local clock offset: -1.621 ms

Remote clock offset: -1.094 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:15:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.17 Mbit/s

95th percentile per-packet one-way delay: 13.709 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 31.69 Mbit/s

95th percentile per-packet one-way delay: 8.435 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 28.95 Mbit/s

95th percentile per-packet one-way delay: 13.727 ms

Loss rate: 0.09%

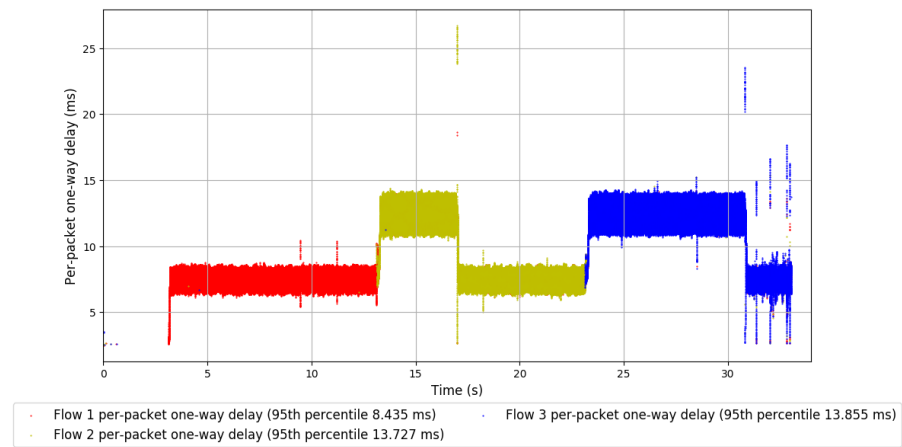
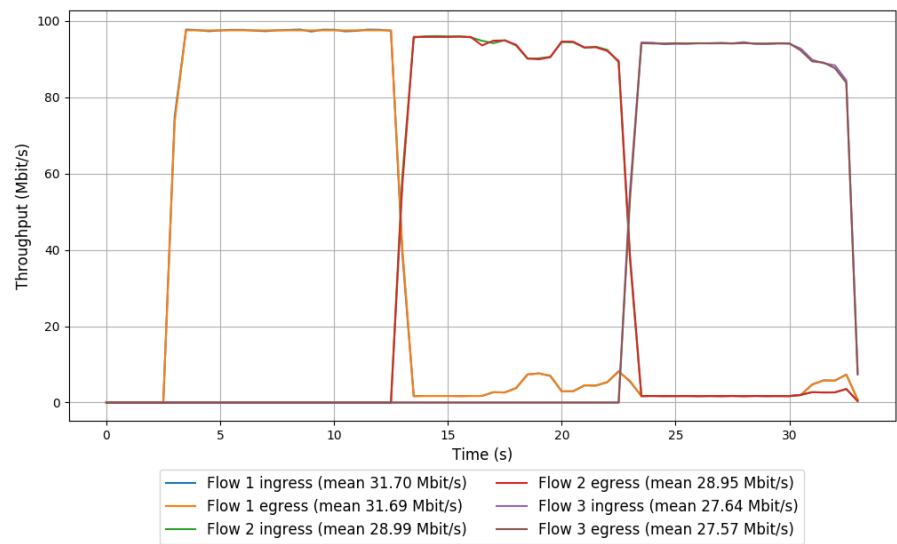
-- Flow 3:

Average throughput: 27.57 Mbit/s

95th percentile per-packet one-way delay: 13.855 ms

Loss rate: 0.26%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sat, 01 Jul 2017 12:03:20 +0000

End at: Sat, 01 Jul 2017 12:03:50 +0000

Local clock offset: -0.933 ms

Remote clock offset: 0.128 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:15:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.51 Mbit/s

95th percentile per-packet one-way delay: 3.435 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 3.504 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 35.37 Mbit/s

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

Loss rate: 0.02%

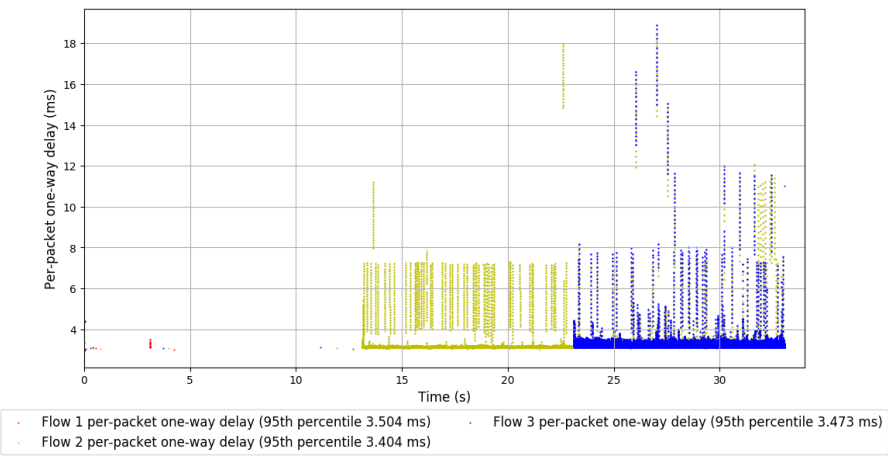
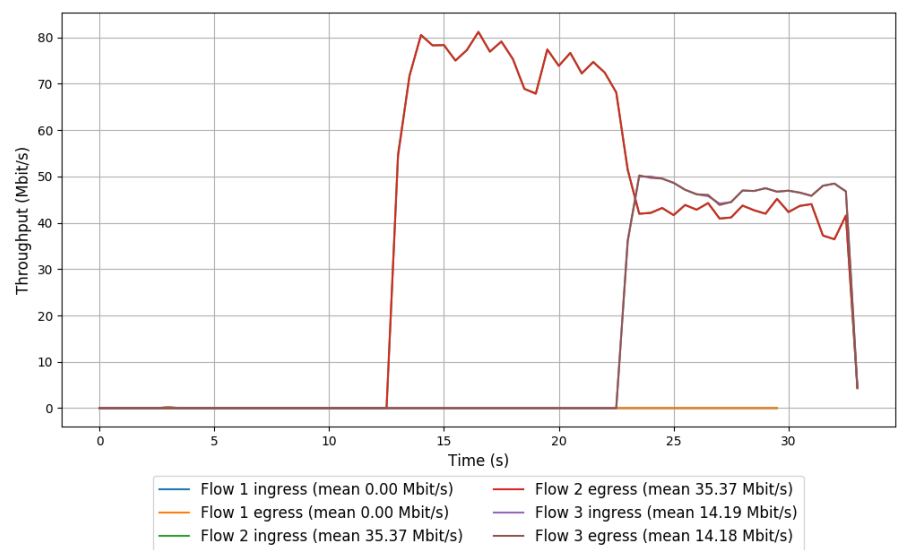
-- Flow 3:

Average throughput: 14.18 Mbit/s

95th percentile per-packet one-way delay: 3.473 ms

Loss rate: 0.05%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sat, 01 Jul 2017 12:20:26 +0000

End at: Sat, 01 Jul 2017 12:20:57 +0000

Local clock offset: -1.64 ms

Remote clock offset: 0.199 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:16:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.94 Mbit/s

95th percentile per-packet one-way delay: 4.229 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 58.57 Mbit/s

95th percentile per-packet one-way delay: 4.182 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 4.595 ms

Loss rate: 0.00%

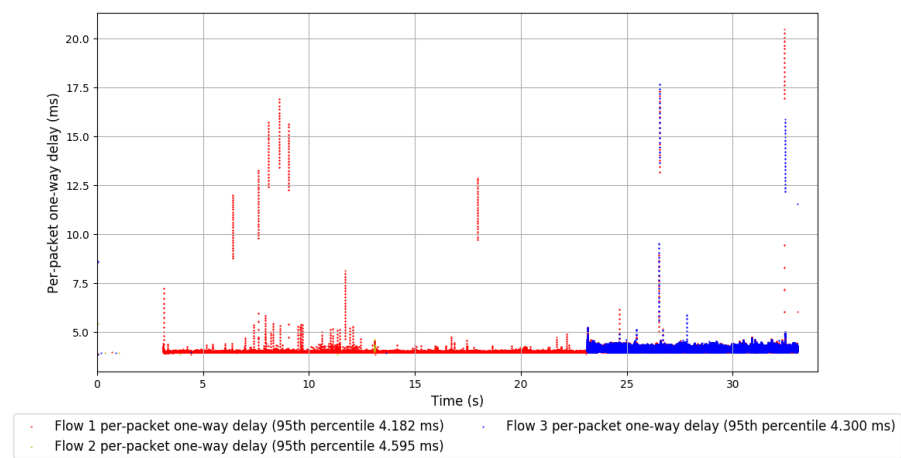
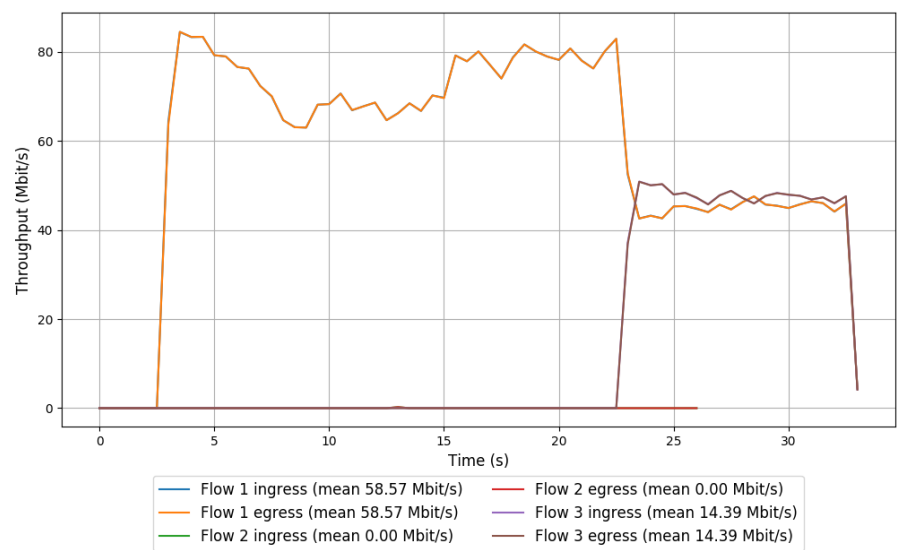
-- Flow 3:

Average throughput: 14.39 Mbit/s

95th percentile per-packet one-way delay: 4.300 ms

Loss rate: 0.04%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sat, 01 Jul 2017 12:37:42 +0000

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

Local clock offset: -1.977 ms

Remote clock offset: 0.186 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:17:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.07 Mbit/s

95th percentile per-packet one-way delay: 4.905 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 44.90 Mbit/s

95th percentile per-packet one-way delay: 4.769 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 23.19 Mbit/s

95th percentile per-packet one-way delay: 4.939 ms

Loss rate: 0.02%

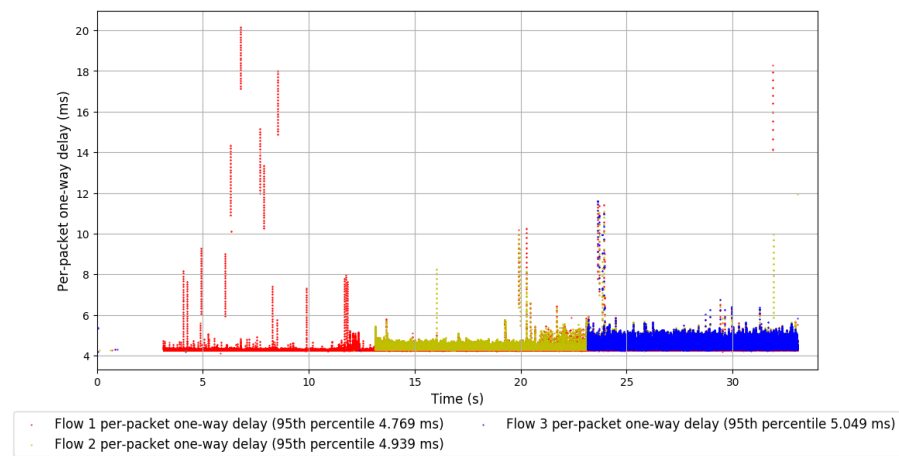
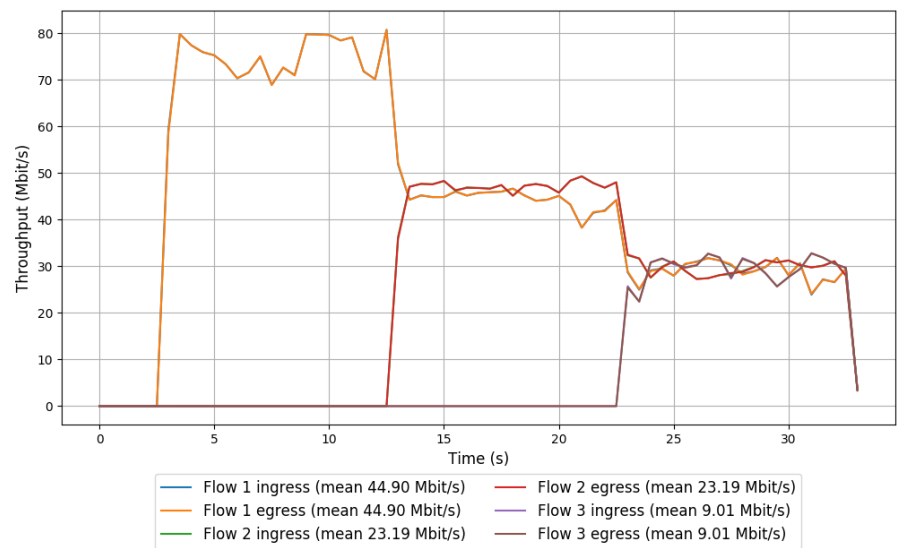
-- Flow 3:

Average throughput: 9.01 Mbit/s

95th percentile per-packet one-way delay: 5.049 ms

Loss rate: 0.04%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sat, 01 Jul 2017 12:54:53 +0000

End at: Sat, 01 Jul 2017 12:55:23 +0000

Local clock offset: -1.777 ms

Remote clock offset: 0.07 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:17:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.97 Mbit/s

95th percentile per-packet one-way delay: 4.159 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 49.38 Mbit/s

95th percentile per-packet one-way delay: 4.122 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 28.60 Mbit/s

95th percentile per-packet one-way delay: 4.199 ms

Loss rate: 0.02%

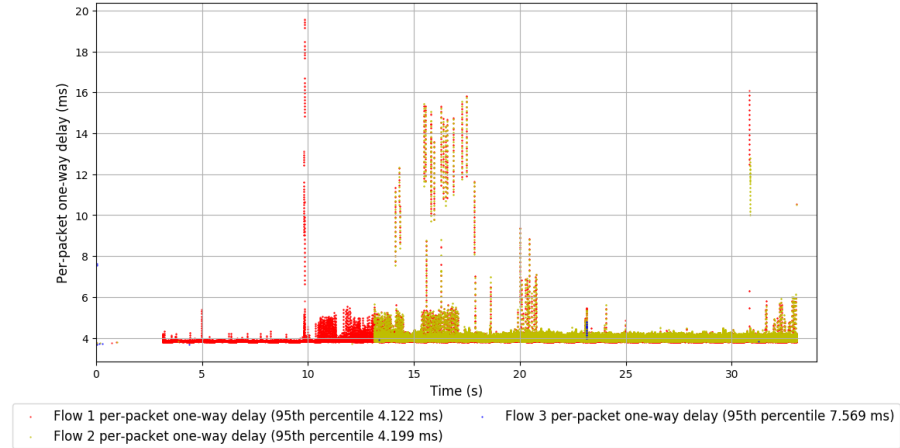
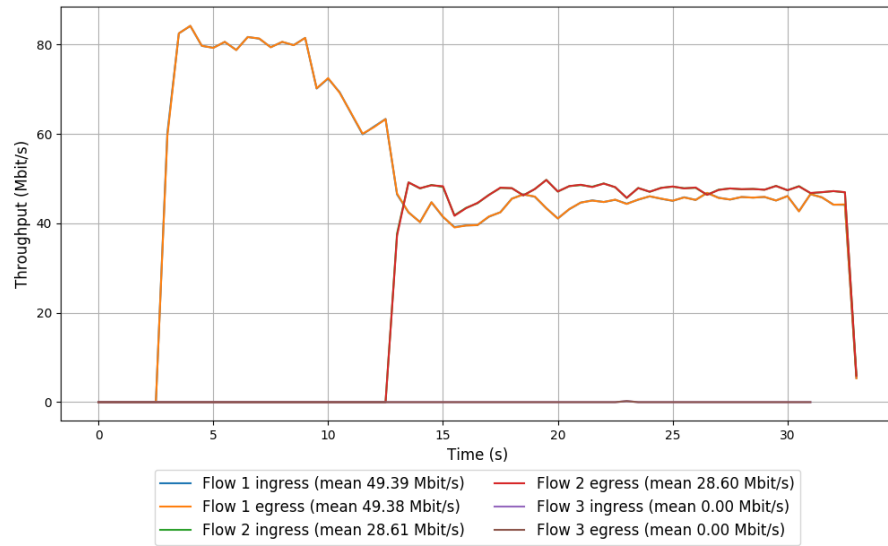
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 7.569 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sat, 01 Jul 2017 13:12:03 +0000

End at: Sat, 01 Jul 2017 13:12:33 +0000

Local clock offset: -1.859 ms

Remote clock offset: -0.158 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:18:15 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.49 Mbit/s

95th percentile per-packet one-way delay: 4.341 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 45.76 Mbit/s

95th percentile per-packet one-way delay: 4.207 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 23.77 Mbit/s

95th percentile per-packet one-way delay: 4.362 ms

Loss rate: 0.02%

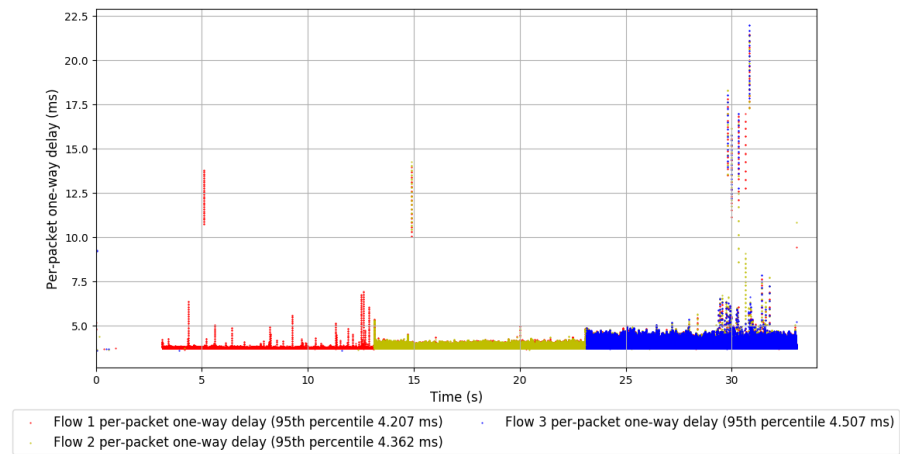
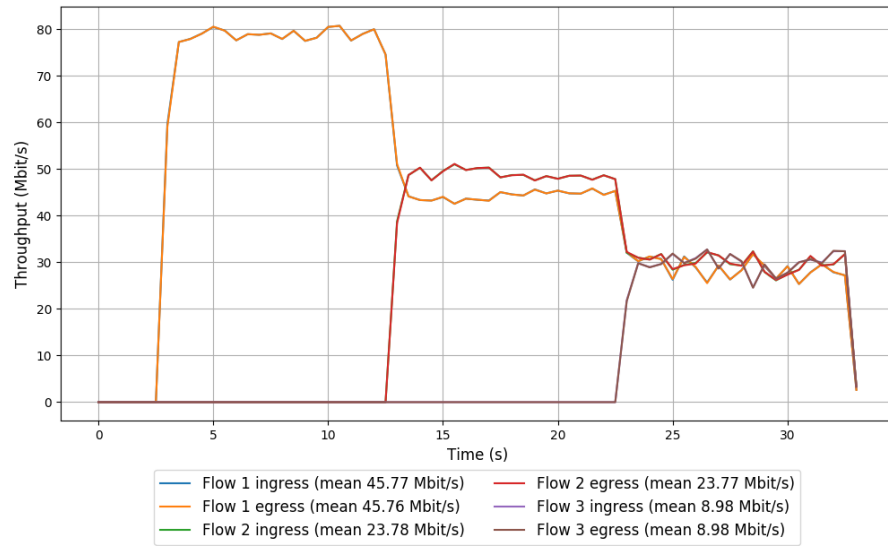
-- Flow 3:

Average throughput: 8.98 Mbit/s

95th percentile per-packet one-way delay: 4.507 ms

Loss rate: 0.04%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sat, 01 Jul 2017 13:29:14 +0000

End at: Sat, 01 Jul 2017 13:29:44 +0000

Local clock offset: -1.951 ms

Remote clock offset: -0.151 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:18:50 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.60 Mbit/s

95th percentile per-packet one-way delay: 4.184 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 49.36 Mbit/s

95th percentile per-packet one-way delay: 4.164 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 29.26 Mbit/s

95th percentile per-packet one-way delay: 4.206 ms

Loss rate: 0.02%

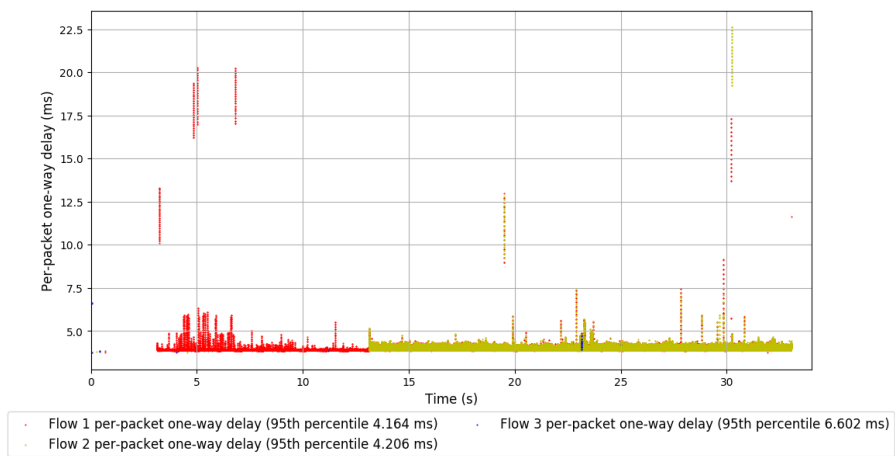
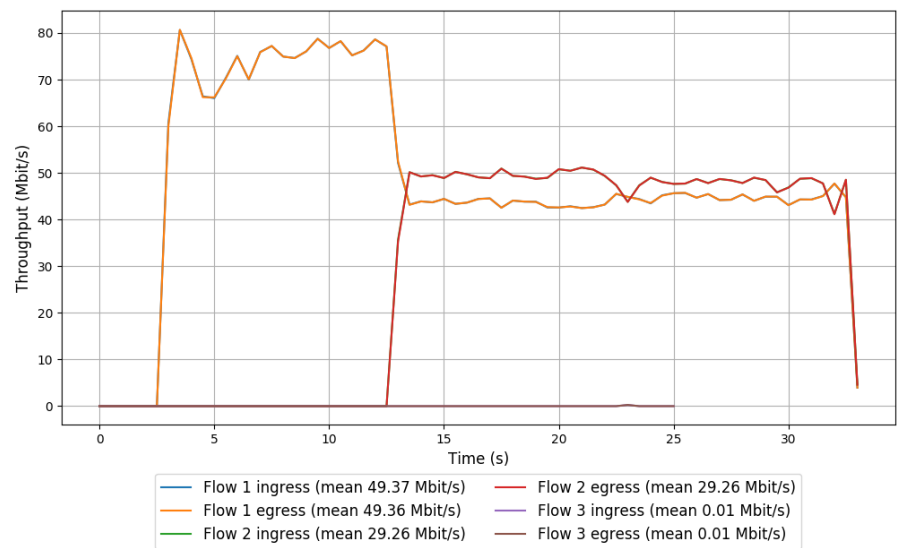
-- Flow 3:

Average throughput: 0.01 Mbit/s

95th percentile per-packet one-way delay: 6.602 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sat, 01 Jul 2017 13:46:29 +0000

End at: Sat, 01 Jul 2017 13:46:59 +0000

Local clock offset: -2.204 ms

Remote clock offset: -0.336 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:19:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 71.13 Mbit/s

95th percentile per-packet one-way delay: 4.206 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 56.51 Mbit/s

95th percentile per-packet one-way delay: 4.144 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 4.550 ms

Loss rate: 0.00%

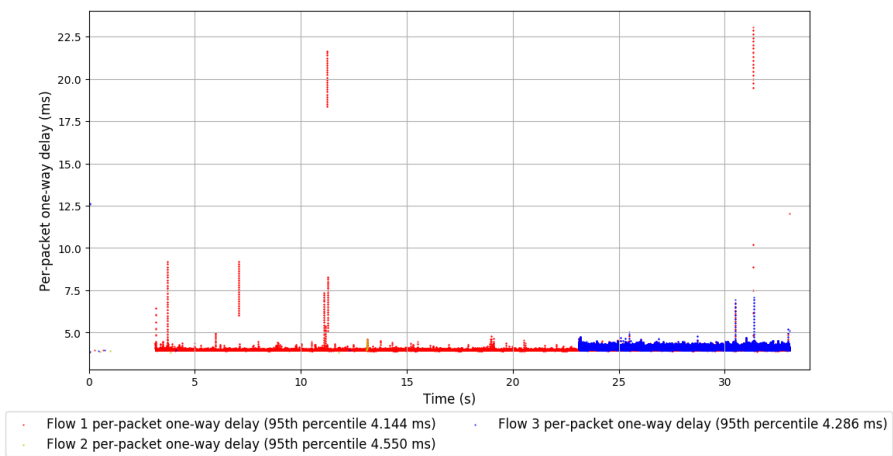
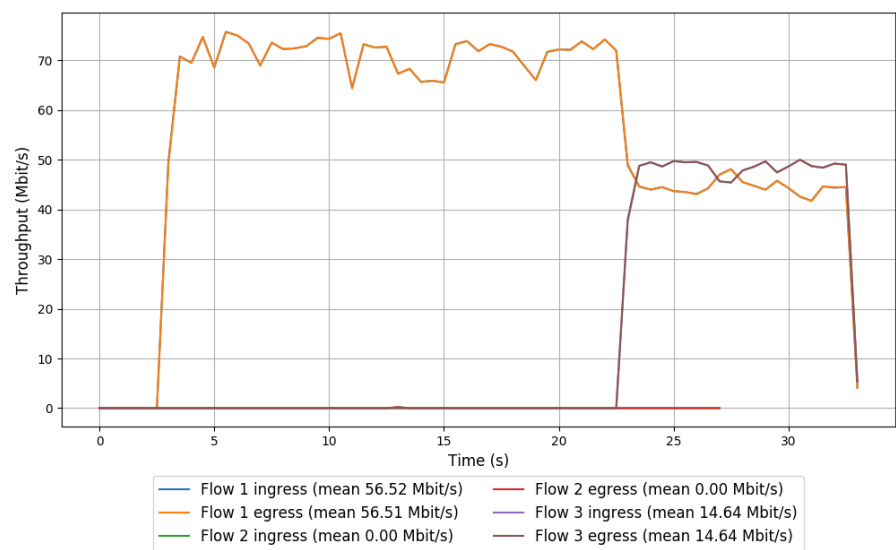
-- Flow 3:

Average throughput: 14.64 Mbit/s

95th percentile per-packet one-way delay: 4.286 ms

Loss rate: 0.05%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sat, 01 Jul 2017 14:03:39 +0000

End at: Sat, 01 Jul 2017 14:04:09 +0000

Local clock offset: -2.208 ms

Remote clock offset: -0.572 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:20:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.04 Mbit/s

95th percentile per-packet one-way delay: 4.396 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 44.66 Mbit/s

95th percentile per-packet one-way delay: 4.276 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 23.33 Mbit/s

95th percentile per-packet one-way delay: 4.436 ms

Loss rate: 0.02%

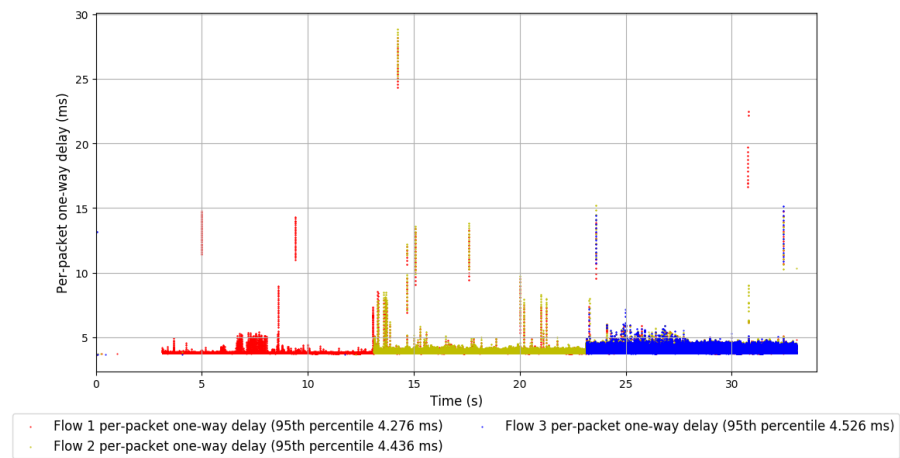
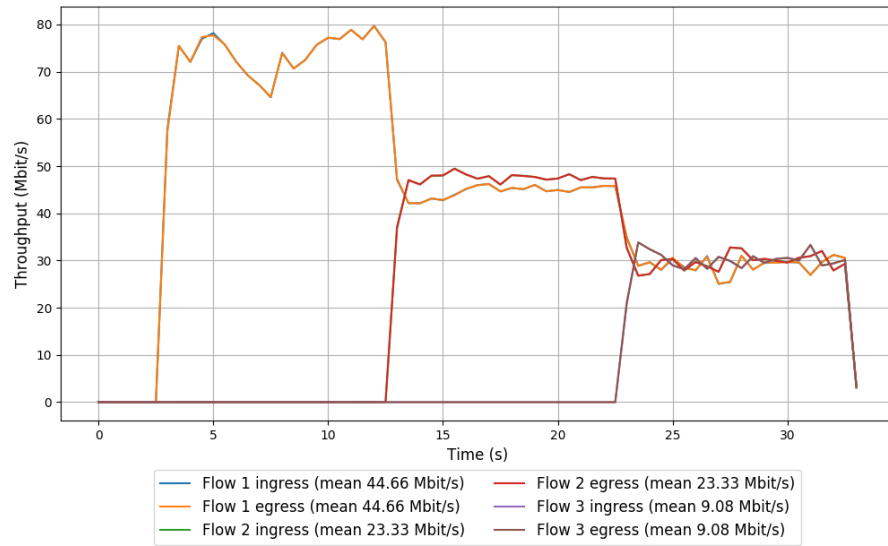
-- Flow 3:

Average throughput: 9.08 Mbit/s

95th percentile per-packet one-way delay: 4.526 ms

Loss rate: 0.03%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sat, 01 Jul 2017 14:20:50 +0000

End at: Sat, 01 Jul 2017 14:21:20 +0000

Local clock offset: -2.053 ms

Remote clock offset: -0.717 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:20:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.79 Mbit/s

95th percentile per-packet one-way delay: 3.706 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 3.867 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 36.36 Mbit/s

95th percentile per-packet one-way delay: 3.688 ms

Loss rate: 0.02%

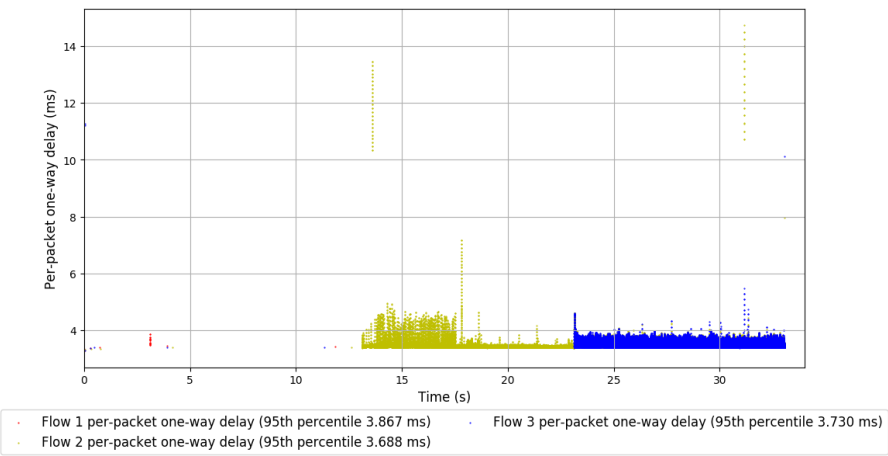
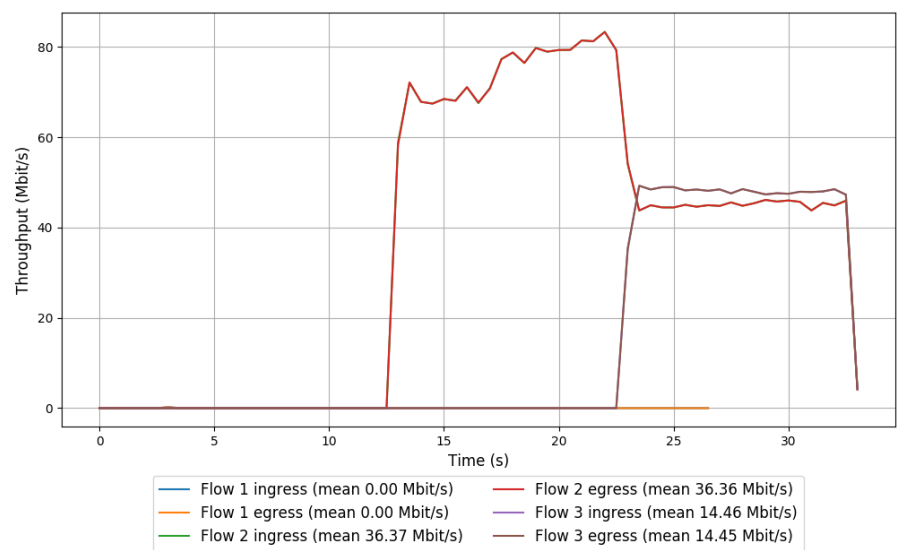
-- Flow 3:

Average throughput: 14.45 Mbit/s

95th percentile per-packet one-way delay: 3.730 ms

Loss rate: 0.04%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sat, 01 Jul 2017 14:38:04 +0000

End at: Sat, 01 Jul 2017 14:38:34 +0000

Local clock offset: -1.801 ms

Remote clock offset: -1.017 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:21:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 3.483 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 43.93 Mbit/s

95th percentile per-packet one-way delay: 3.376 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 23.75 Mbit/s

95th percentile per-packet one-way delay: 3.510 ms

Loss rate: 0.02%

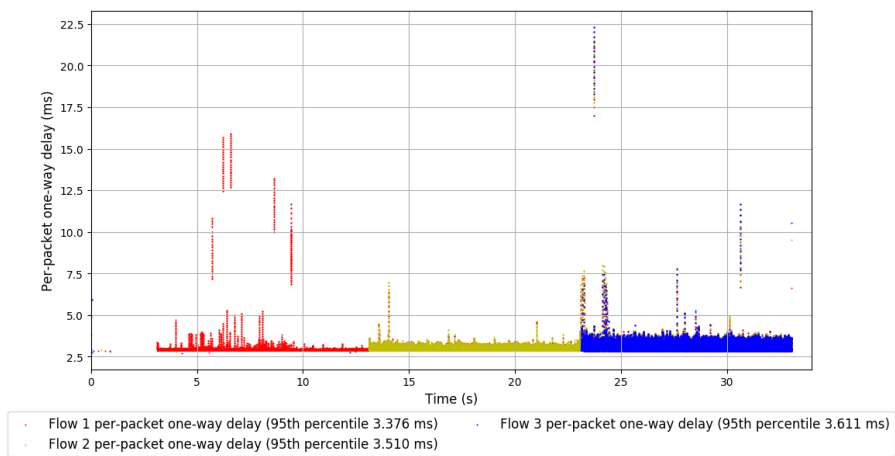
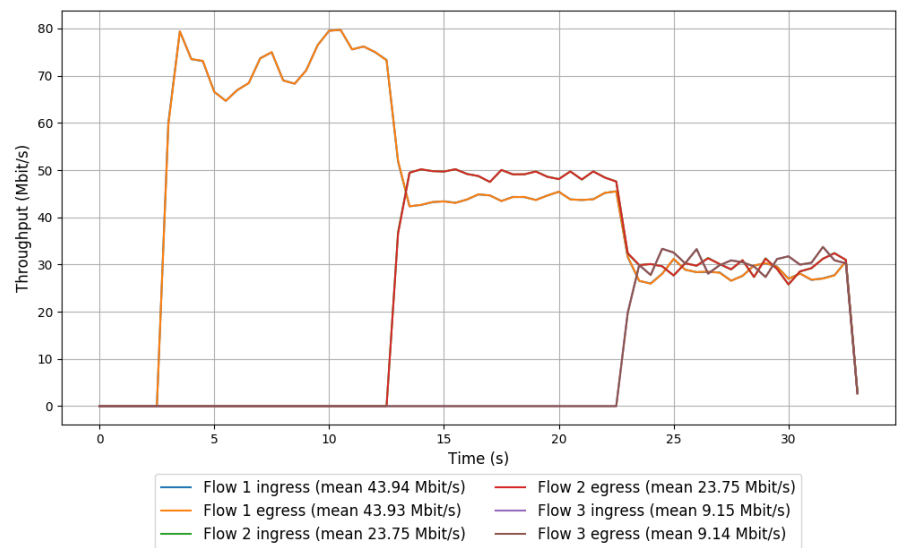
-- Flow 3:

Average throughput: 9.14 Mbit/s

95th percentile per-packet one-way delay: 3.611 ms

Loss rate: 0.04%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

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

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

Local clock offset: -0.755 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:21:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.92 Mbit/s

95th percentile per-packet one-way delay: 26.178 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 57.38 Mbit/s

95th percentile per-packet one-way delay: 24.945 ms

Loss rate: 0.39%

-- Flow 2:

Average throughput: 30.58 Mbit/s

95th percentile per-packet one-way delay: 26.417 ms

Loss rate: 0.37%

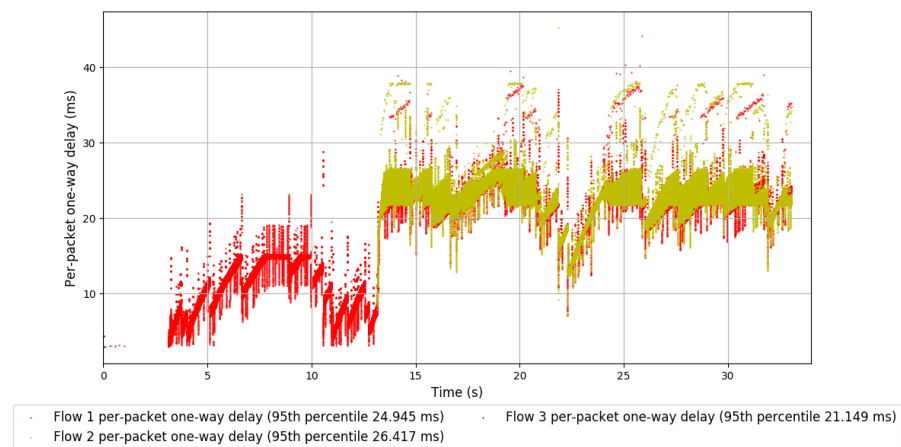
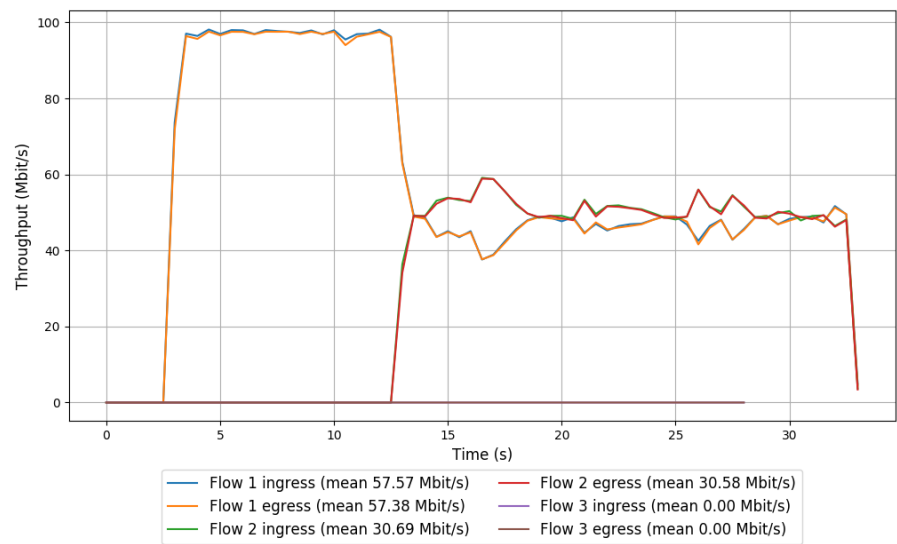
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 21.149 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 12:18:08 +0000

End at: Sat, 01 Jul 2017 12:18:38 +0000

Local clock offset: -1.536 ms

Remote clock offset: 0.152 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:21:50 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.25 Mbit/s

95th percentile per-packet one-way delay: 27.297 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 58.96 Mbit/s

95th percentile per-packet one-way delay: 27.289 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 29.31 Mbit/s

95th percentile per-packet one-way delay: 27.307 ms

Loss rate: 0.34%

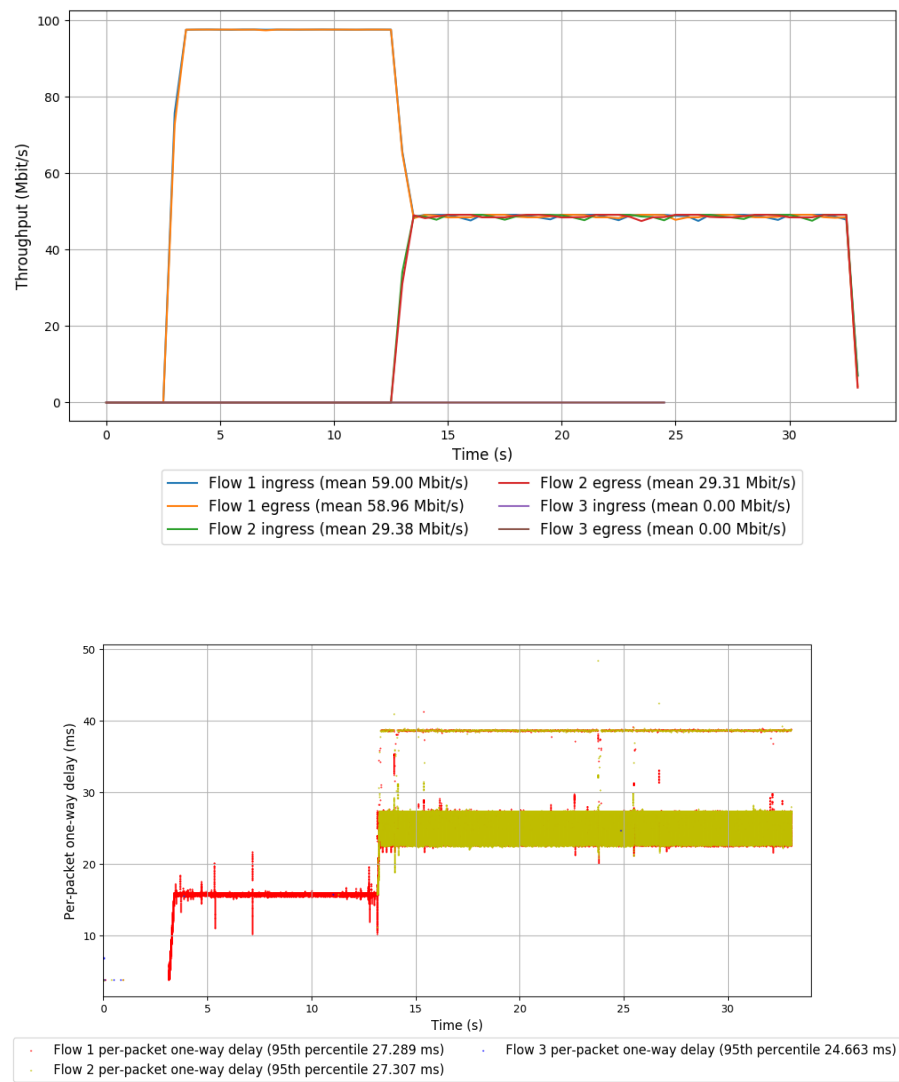
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 24.663 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 12:35:24 +0000

End at: Sat, 01 Jul 2017 12:35:54 +0000

Local clock offset: -2.005 ms

Remote clock offset: 0.207 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:22:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.11 Mbit/s

95th percentile per-packet one-way delay: 27.768 ms

Loss rate: 0.47%

-- Flow 1:

Average throughput: 58.81 Mbit/s

95th percentile per-packet one-way delay: 27.742 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 27.795 ms

Loss rate: 0.66%

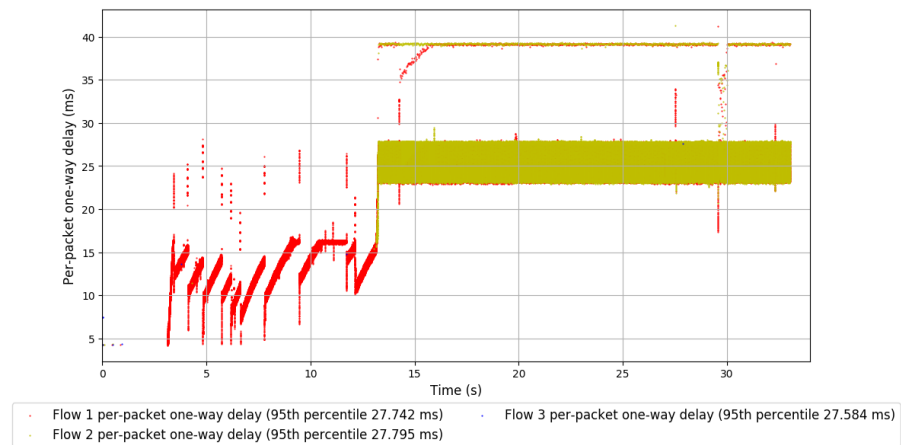
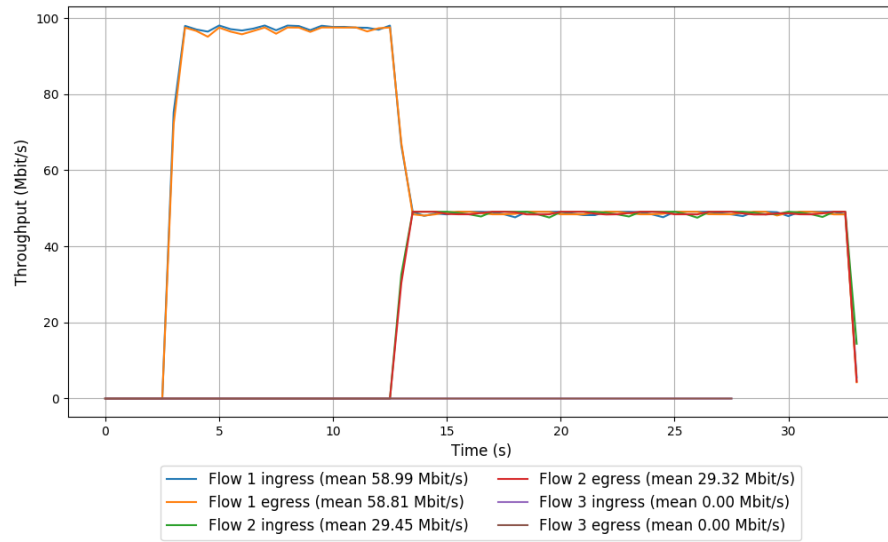
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 27.584 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 12:52:34 +0000

End at: Sat, 01 Jul 2017 12:53:04 +0000

Local clock offset: -1.693 ms

Remote clock offset: 0.079 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:22:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.16 Mbit/s

95th percentile per-packet one-way delay: 27.326 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 58.93 Mbit/s

95th percentile per-packet one-way delay: 27.317 ms

Loss rate: 0.28%

-- Flow 2:

Average throughput: 29.26 Mbit/s

95th percentile per-packet one-way delay: 27.339 ms

Loss rate: 0.45%

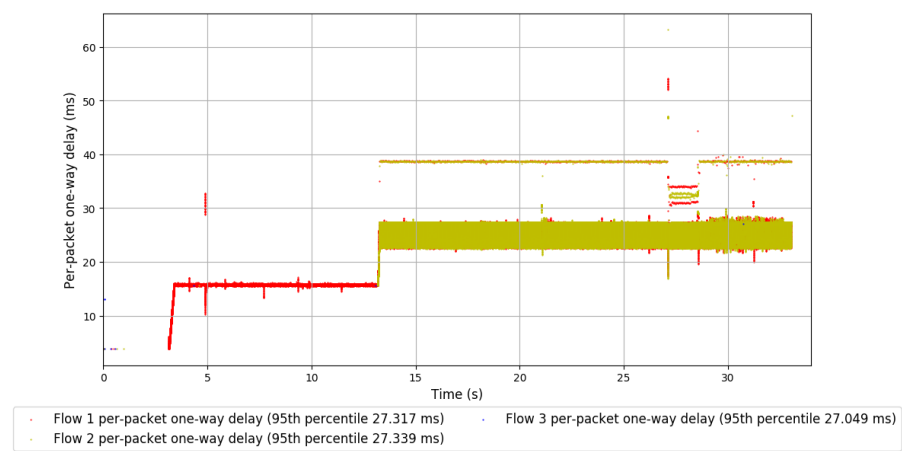
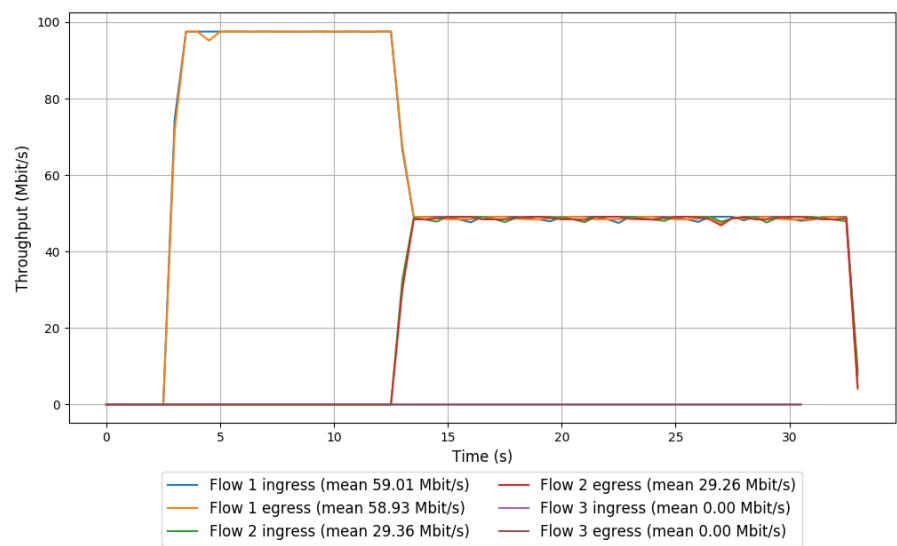
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 27.049 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 13:09:44 +0000

End at: Sat, 01 Jul 2017 13:10:14 +0000

Local clock offset: -1.792 ms

Remote clock offset: -0.125 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:22:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.17 Mbit/s

95th percentile per-packet one-way delay: 27.173 ms

Loss rate: 0.35%

-- Flow 1:

Average throughput: 58.93 Mbit/s

95th percentile per-packet one-way delay: 27.159 ms

Loss rate: 0.25%

-- Flow 2:

Average throughput: 29.26 Mbit/s

95th percentile per-packet one-way delay: 27.190 ms

Loss rate: 0.53%

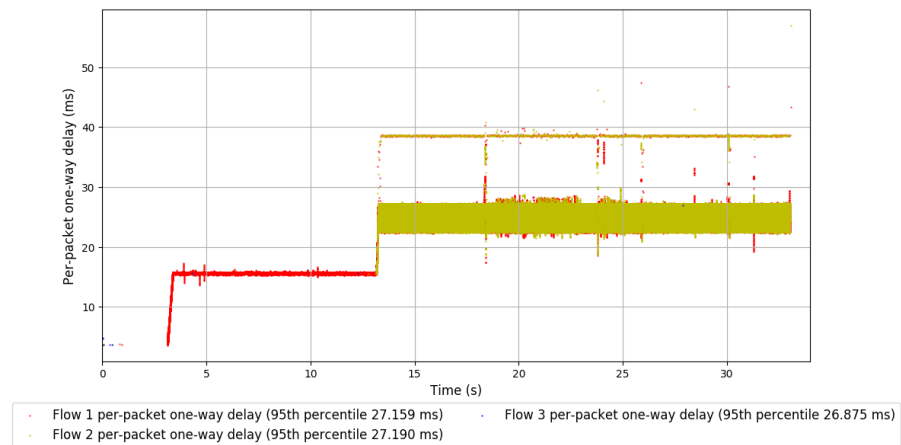
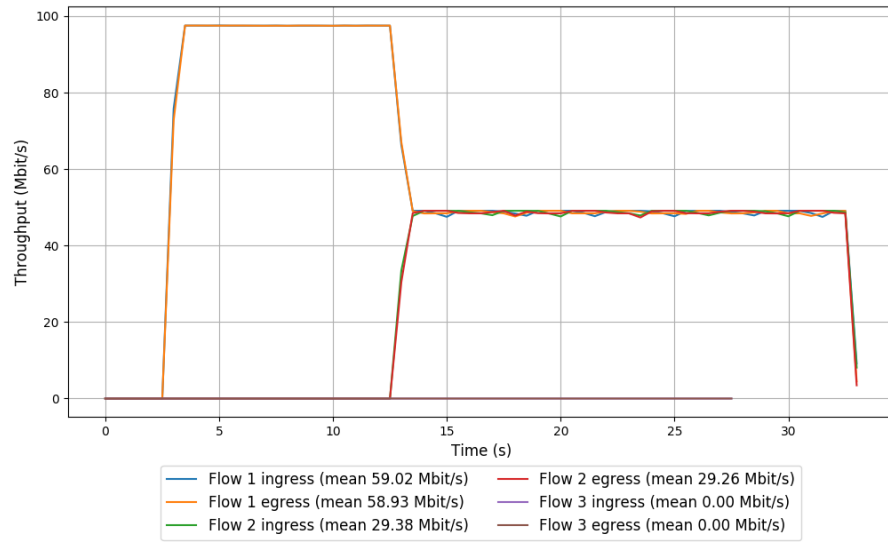
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.875 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 13:26:56 +0000

End at: Sat, 01 Jul 2017 13:27:26 +0000

Local clock offset: -2.051 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:23:24 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.23 Mbit/s

95th percentile per-packet one-way delay: 27.310 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 58.94 Mbit/s

95th percentile per-packet one-way delay: 27.284 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 27.334 ms

Loss rate: 0.28%

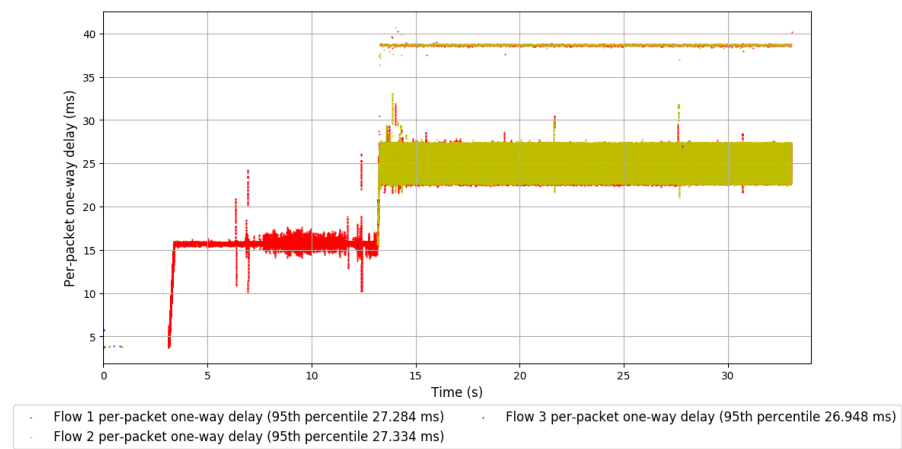
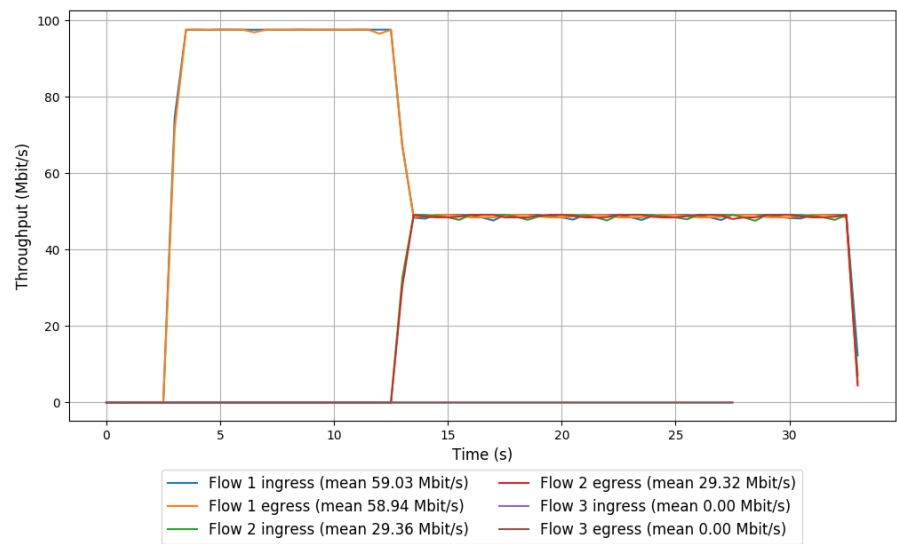
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.948 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 13:44:10 +0000

End at: Sat, 01 Jul 2017 13:44:40 +0000

Local clock offset: -2.24 ms

Remote clock offset: -0.305 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:23:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.15 Mbit/s

95th percentile per-packet one-way delay: 27.404 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: 27.392 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 27.419 ms

Loss rate: 0.25%

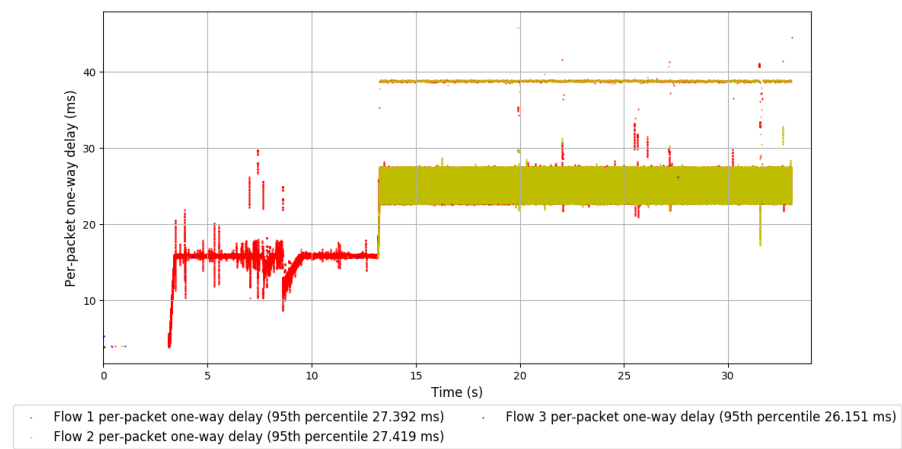
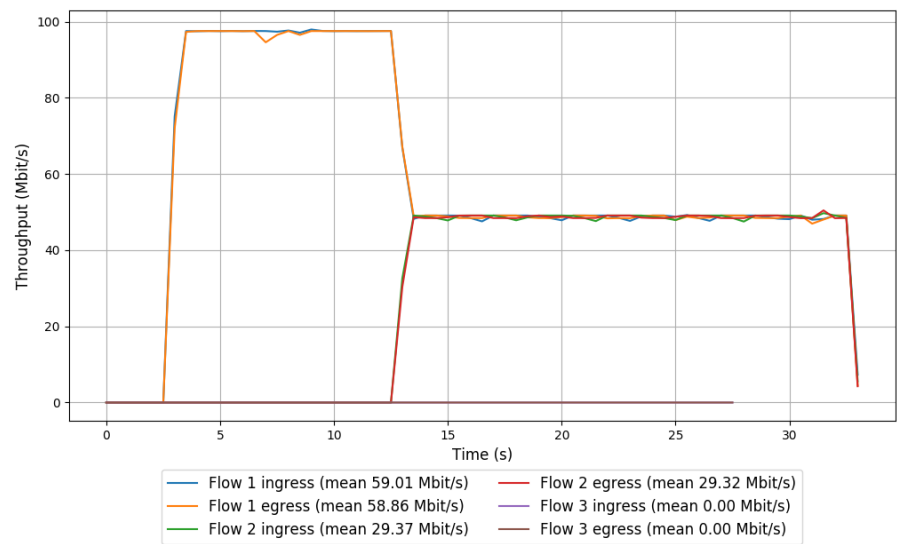
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.151 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 14:01:20 +0000

End at: Sat, 01 Jul 2017 14:01:50 +0000

Local clock offset: -2.325 ms

Remote clock offset: -0.492 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:24:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.26 Mbit/s

95th percentile per-packet one-way delay: 27.279 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 59.00 Mbit/s

95th percentile per-packet one-way delay: 27.265 ms

Loss rate: 0.32%

-- Flow 2:

Average throughput: 29.28 Mbit/s

95th percentile per-packet one-way delay: 27.293 ms

Loss rate: 0.36%

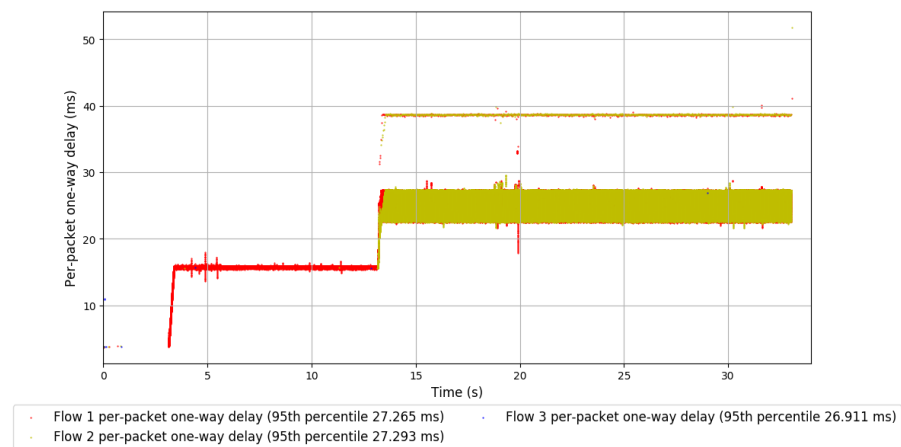
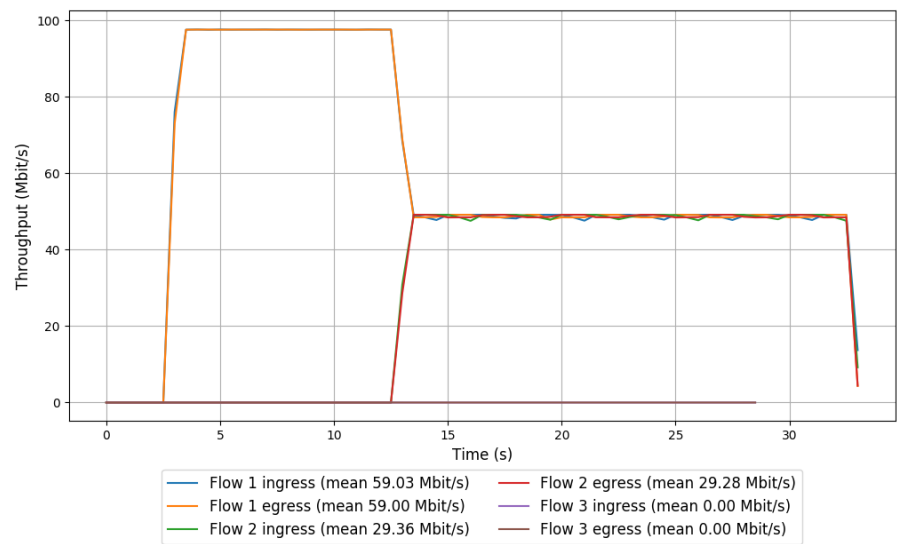
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.911 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 14:18:31 +0000

End at: Sat, 01 Jul 2017 14:19:01 +0000

Local clock offset: -2.099 ms

Remote clock offset: -0.774 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:24:31 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.25 Mbit/s

95th percentile per-packet one-way delay: 26.895 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 58.95 Mbit/s

95th percentile per-packet one-way delay: 26.882 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 26.910 ms

Loss rate: 0.46%

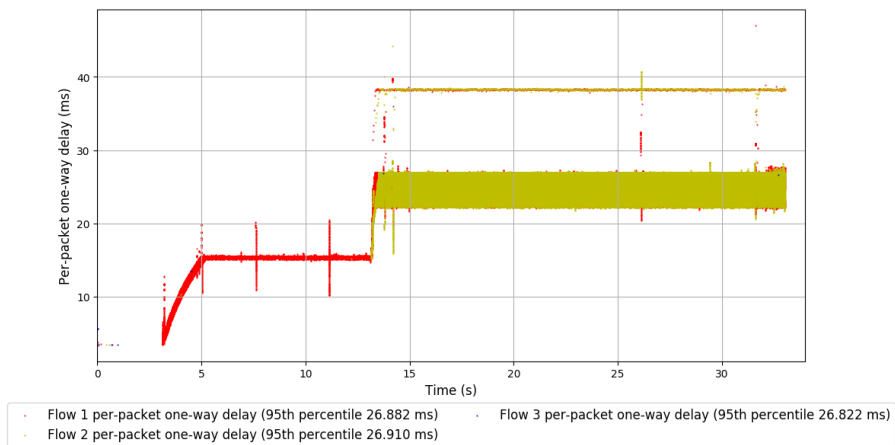
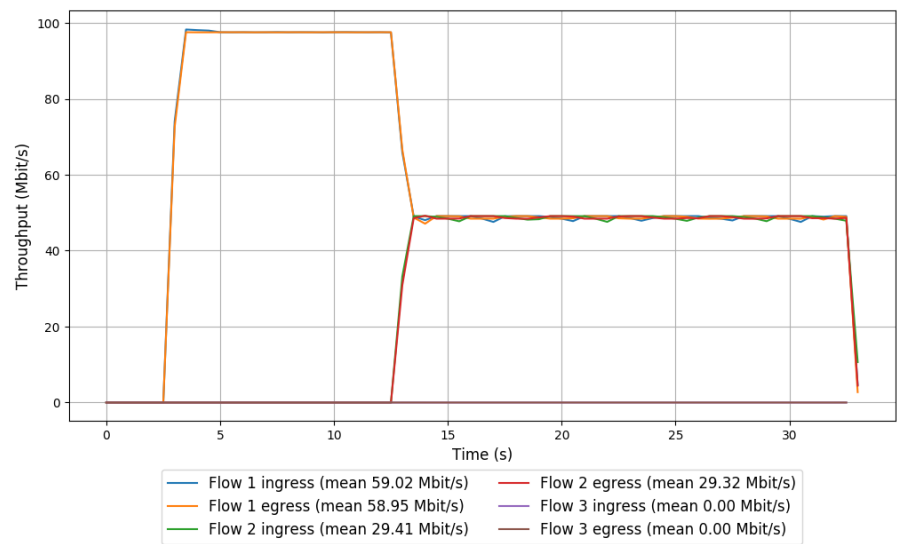
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.822 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 14:35:45 +0000

End at: Sat, 01 Jul 2017 14:36:15 +0000

Local clock offset: -1.841 ms

Remote clock offset: -0.955 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:24:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.14 Mbit/s

95th percentile per-packet one-way delay: 26.392 ms

Loss rate: 0.37%

-- Flow 1:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: 26.363 ms

Loss rate: 0.41%

-- Flow 2:

Average throughput: 29.30 Mbit/s

95th percentile per-packet one-way delay: 26.418 ms

Loss rate: 0.30%

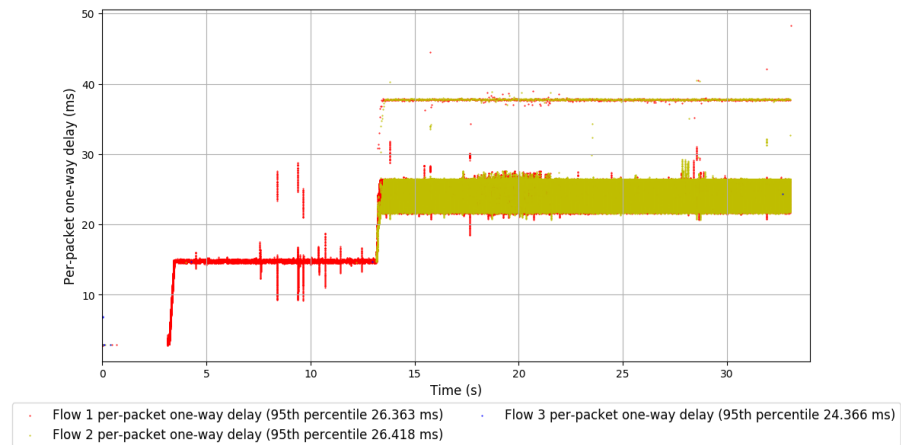
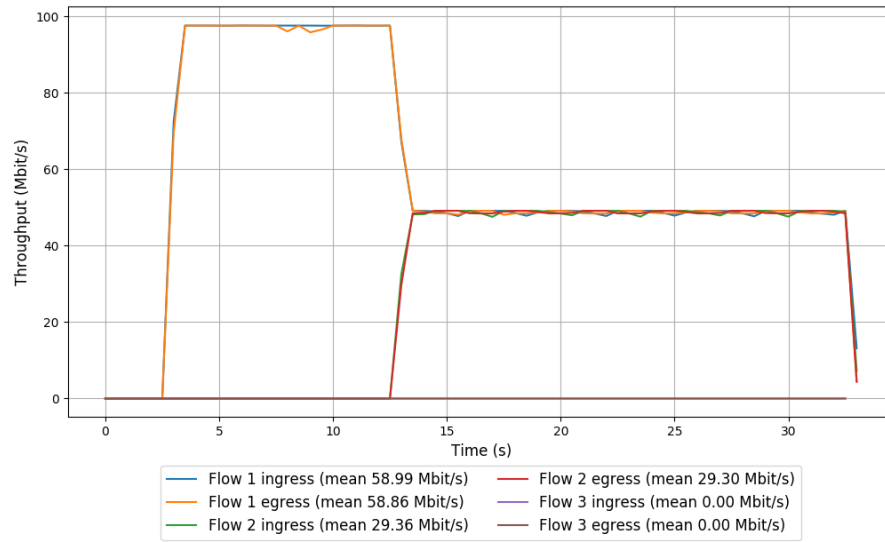
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 24.366 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 11:59:50 +0000

End at: Sat, 01 Jul 2017 12:00:20 +0000

Local clock offset: -0.827 ms

Remote clock offset: 0.081 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:25:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.66 Mbit/s

95th percentile per-packet one-way delay: 4.354 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 62.68 Mbit/s

95th percentile per-packet one-way delay: 4.361 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 4.236 ms

Loss rate: 0.01%

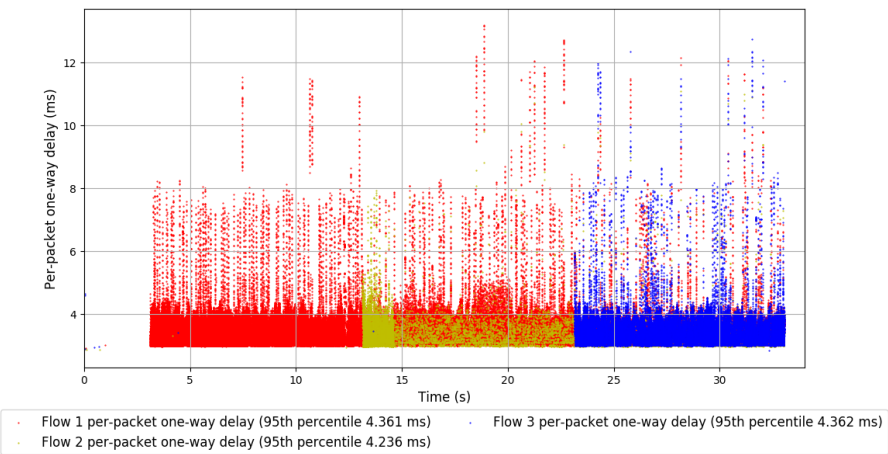
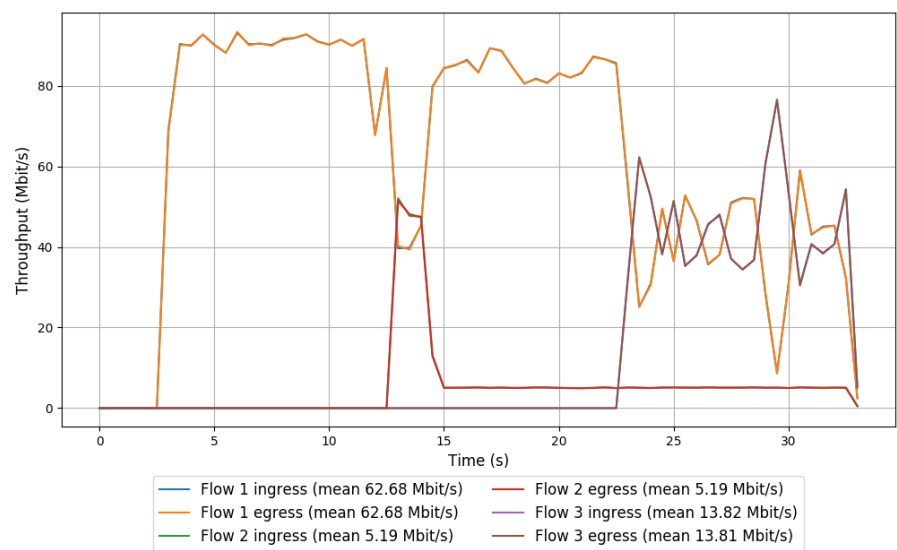
-- Flow 3:

Average throughput: 13.81 Mbit/s

95th percentile per-packet one-way delay: 4.362 ms

Loss rate: 0.07%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 12:17:03 +0000

End at: Sat, 01 Jul 2017 12:17:33 +0000

Local clock offset: -1.478 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:25:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 10.26 Mbit/s

95th percentile per-packet one-way delay: 3.877 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 5.12 Mbit/s

95th percentile per-packet one-way delay: 3.878 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 3.42 Mbit/s

95th percentile per-packet one-way delay: 3.862 ms

Loss rate: 0.02%

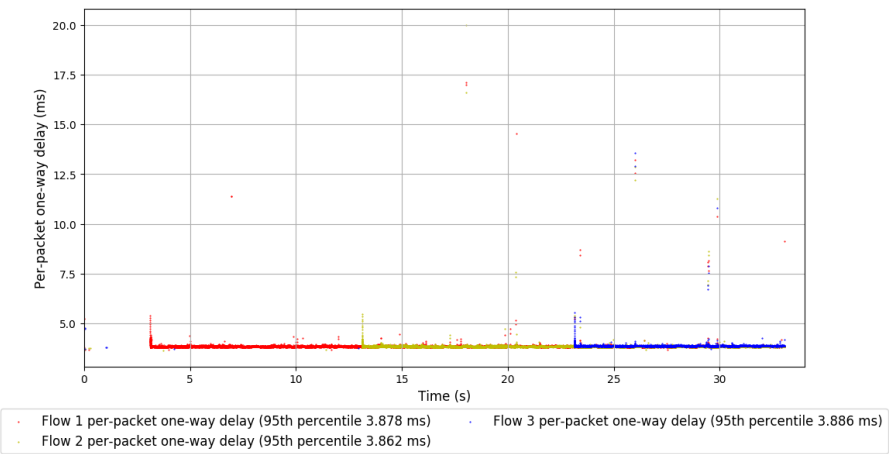
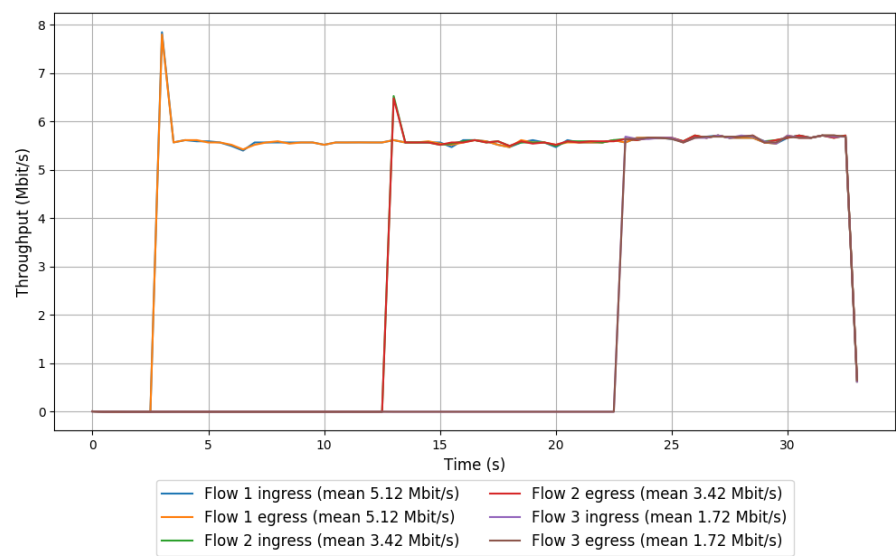
-- Flow 3:

Average throughput: 1.72 Mbit/s

95th percentile per-packet one-way delay: 3.886 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 12:34:14 +0000

End at: Sat, 01 Jul 2017 12:34:44 +0000

Local clock offset: -2.046 ms

Remote clock offset: 0.211 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:25:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.02 Mbit/s

95th percentile per-packet one-way delay: 4.657 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 45.87 Mbit/s

95th percentile per-packet one-way delay: 4.652 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 5.40 Mbit/s

95th percentile per-packet one-way delay: 4.675 ms

Loss rate: 0.01%

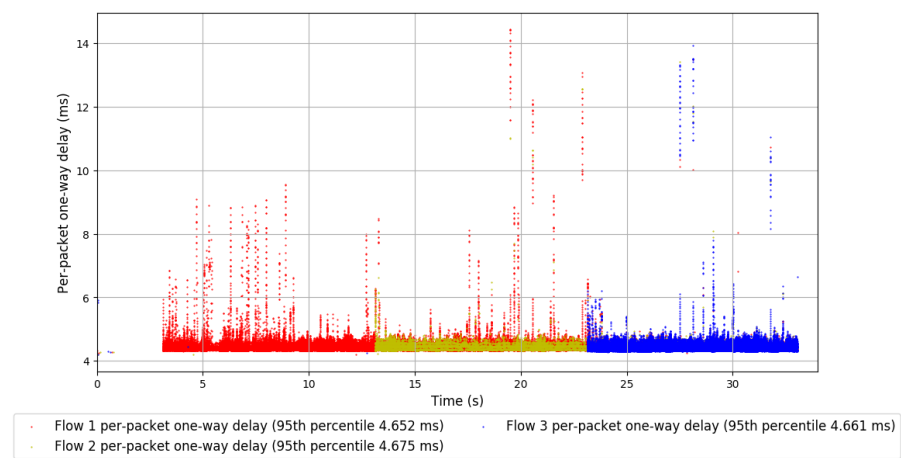
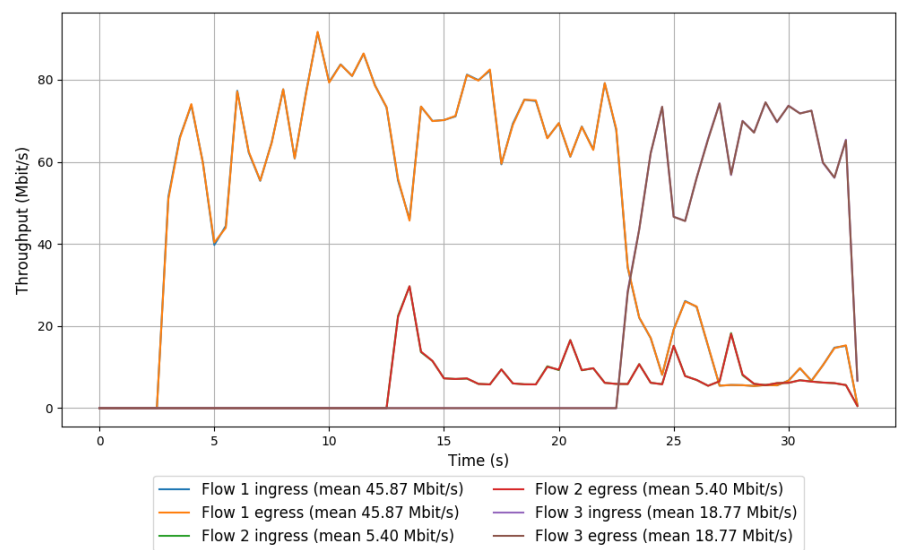
-- Flow 3:

Average throughput: 18.77 Mbit/s

95th percentile per-packet one-way delay: 4.661 ms

Loss rate: 0.04%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 12:51:29 +0000

End at: Sat, 01 Jul 2017 12:51:59 +0000

Local clock offset: -1.727 ms

Remote clock offset: 0.105 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:25:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 11.00 Mbit/s

95th percentile per-packet one-way delay: 4.312 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 5.12 Mbit/s

95th percentile per-packet one-way delay: 4.028 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 3.53 Mbit/s

95th percentile per-packet one-way delay: 4.037 ms

Loss rate: 0.01%

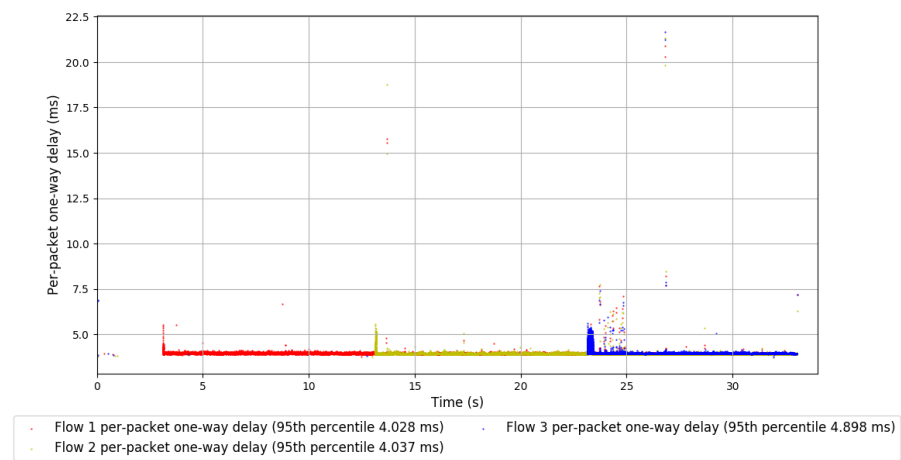
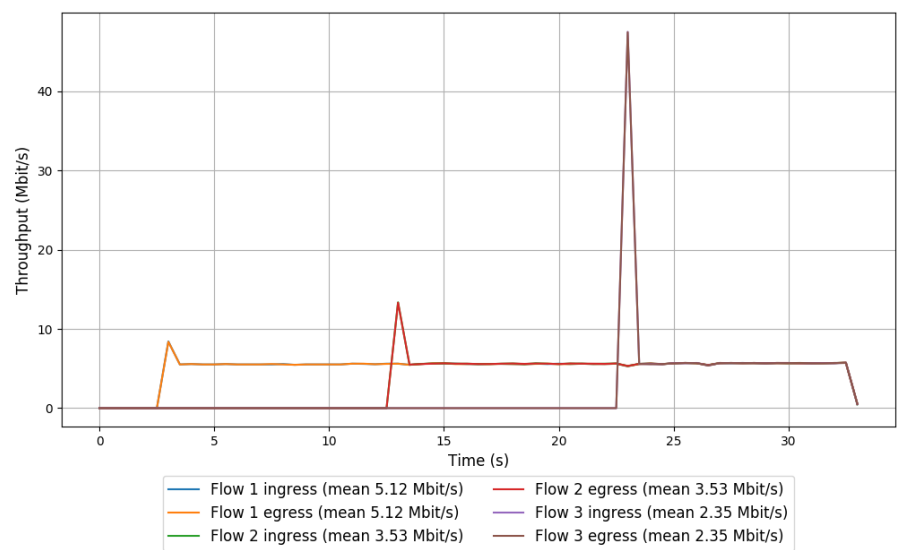
-- Flow 3:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 4.898 ms

Loss rate: 0.02%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 13:08:40 +0000

End at: Sat, 01 Jul 2017 13:09:10 +0000

Local clock offset: -1.746 ms

Remote clock offset: -0.114 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:25:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 10.20 Mbit/s

95th percentile per-packet one-way delay: 3.853 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 5.08 Mbit/s

95th percentile per-packet one-way delay: 3.854 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 3.39 Mbit/s

95th percentile per-packet one-way delay: 3.851 ms

Loss rate: 0.01%

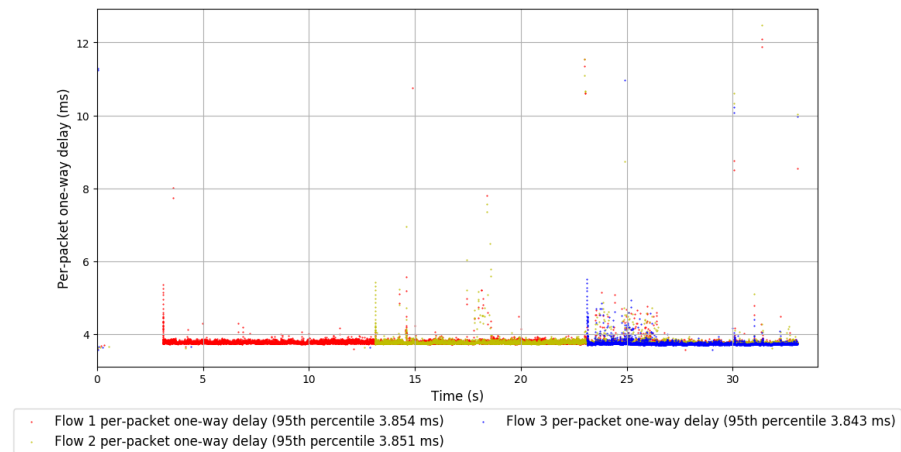
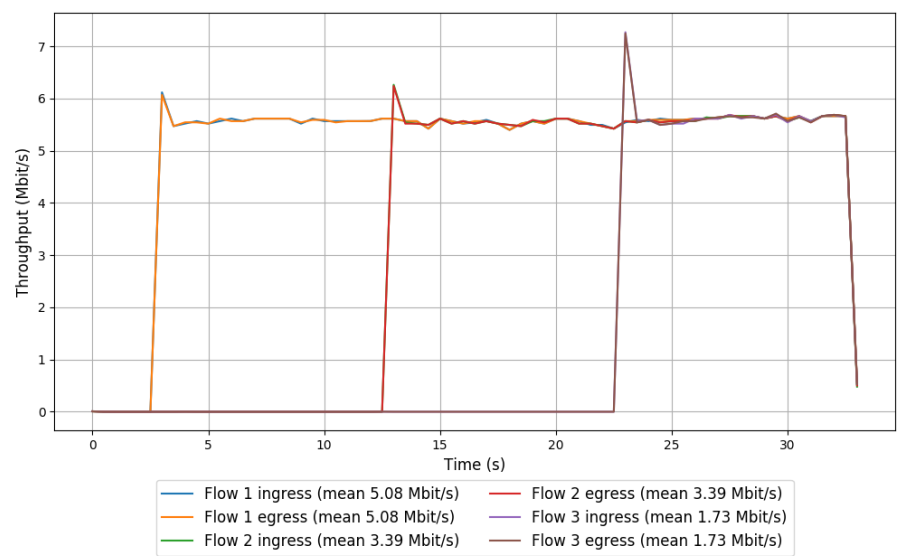
-- Flow 3:

Average throughput: 1.73 Mbit/s

95th percentile per-packet one-way delay: 3.843 ms

Loss rate: 0.02%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 13:25:51 +0000

End at: Sat, 01 Jul 2017 13:26:21 +0000

Local clock offset: -1.955 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:25:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 10.27 Mbit/s

95th percentile per-packet one-way delay: 3.966 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 5.12 Mbit/s

95th percentile per-packet one-way delay: 3.967 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 3.44 Mbit/s

95th percentile per-packet one-way delay: 3.958 ms

Loss rate: 0.01%

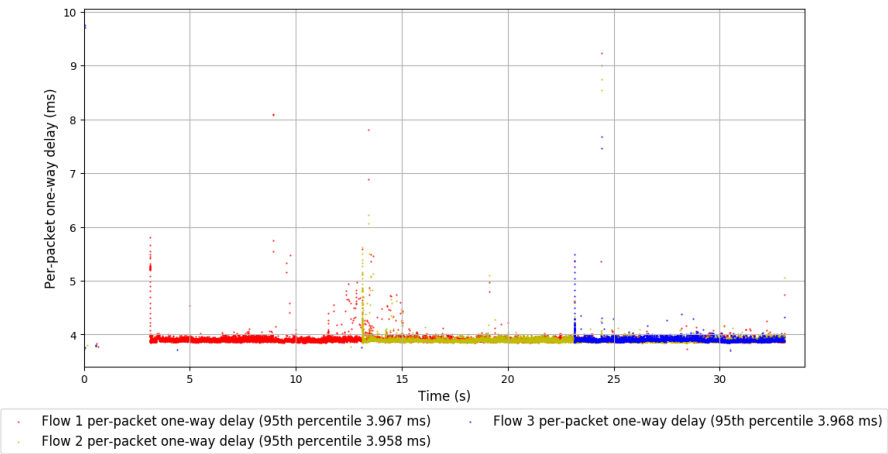
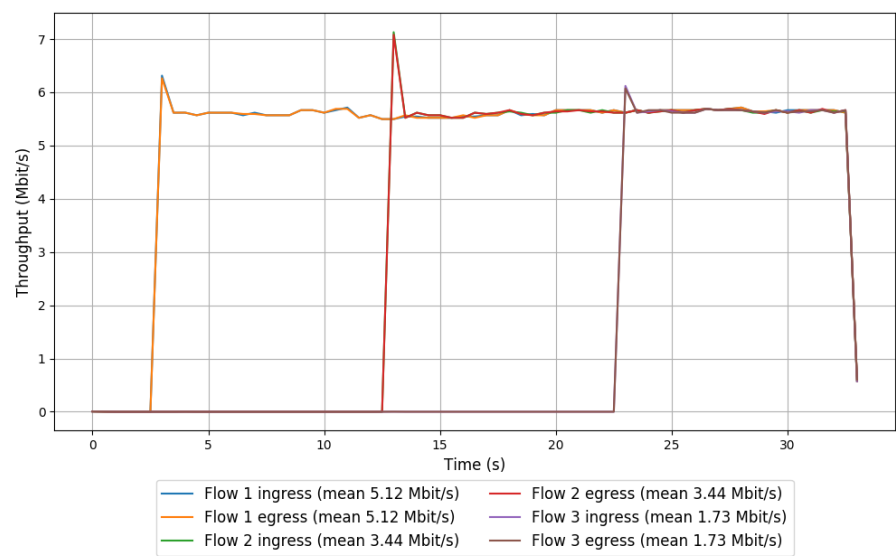
-- Flow 3:

Average throughput: 1.73 Mbit/s

95th percentile per-packet one-way delay: 3.968 ms

Loss rate: 0.02%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 13:43:01 +0000

End at: Sat, 01 Jul 2017 13:43:31 +0000

Local clock offset: -2.191 ms

Remote clock offset: -0.364 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:26:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 64.52 Mbit/s

95th percentile per-packet one-way delay: 5.014 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 9.93 Mbit/s

95th percentile per-packet one-way delay: 5.030 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 50.03 Mbit/s

95th percentile per-packet one-way delay: 5.015 ms

Loss rate: 0.00%

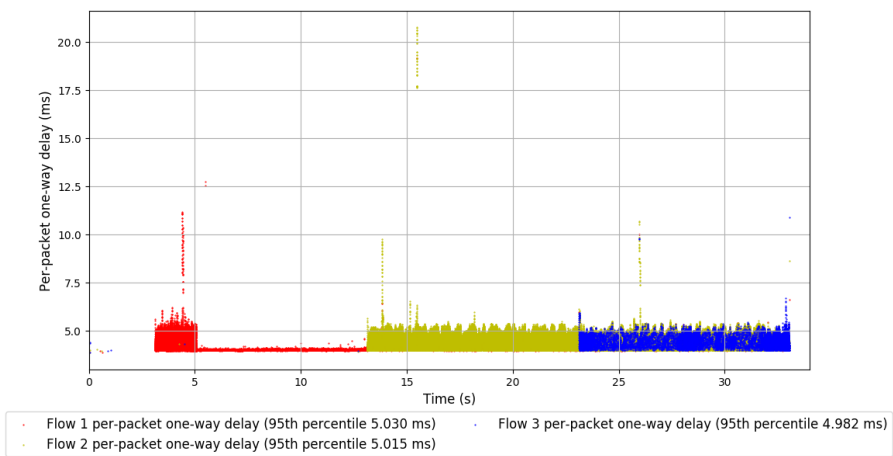
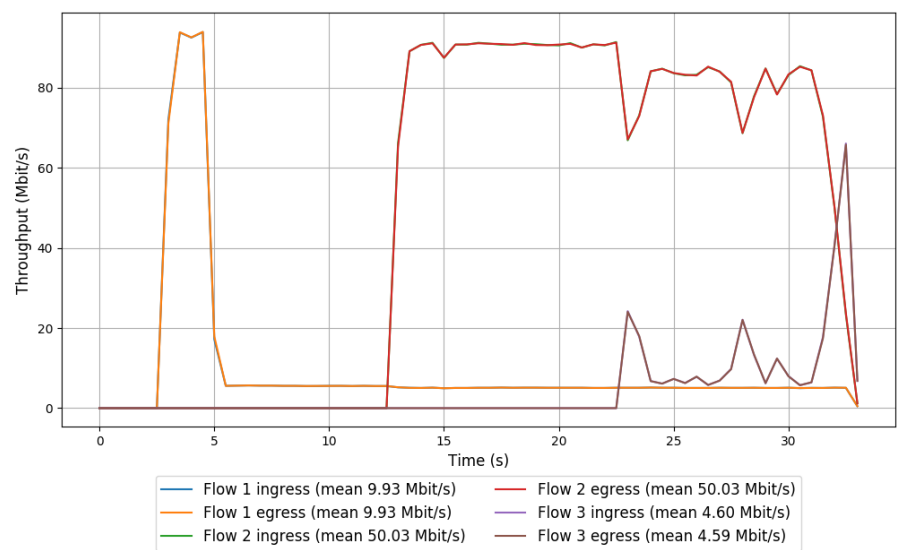
-- Flow 3:

Average throughput: 4.59 Mbit/s

95th percentile per-packet one-way delay: 4.982 ms

Loss rate: 0.22%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 14:00:15 +0000

End at: Sat, 01 Jul 2017 14:00:45 +0000

Local clock offset: -2.231 ms

Remote clock offset: -0.469 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:26:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 10.38 Mbit/s

95th percentile per-packet one-way delay: 3.936 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 5.18 Mbit/s

95th percentile per-packet one-way delay: 3.943 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 3.44 Mbit/s

95th percentile per-packet one-way delay: 3.926 ms

Loss rate: 0.01%

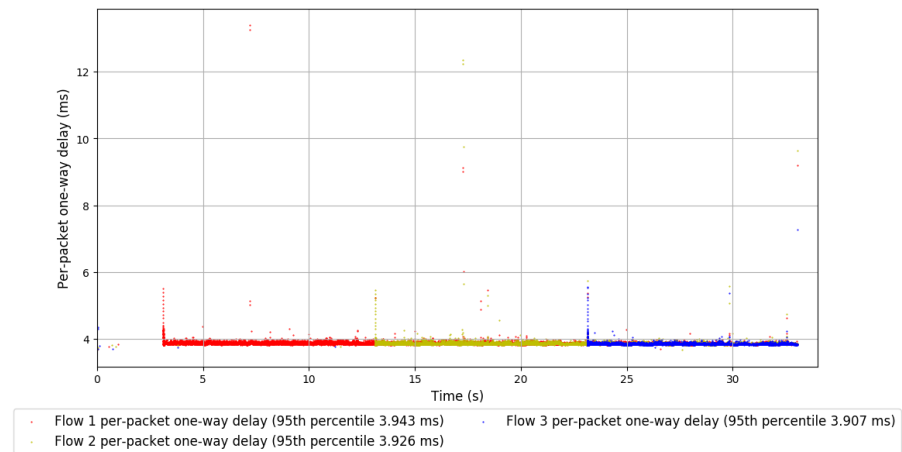
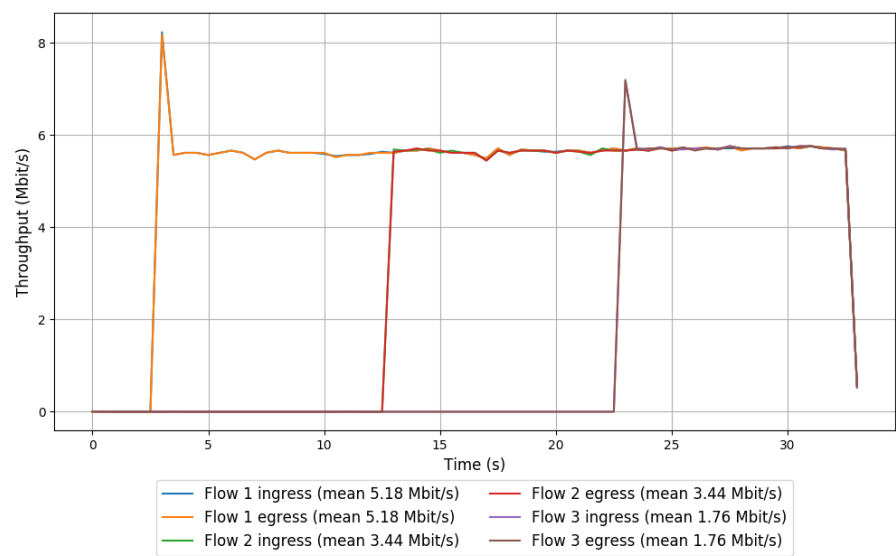
-- Flow 3:

Average throughput: 1.76 Mbit/s

95th percentile per-packet one-way delay: 3.907 ms

Loss rate: 0.02%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 14:17:26 +0000

End at: Sat, 01 Jul 2017 14:17:56 +0000

Local clock offset: -2.102 ms

Remote clock offset: -0.764 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:26:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 10.31 Mbit/s

95th percentile per-packet one-way delay: 3.623 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 5.14 Mbit/s

95th percentile per-packet one-way delay: 3.614 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 3.46 Mbit/s

95th percentile per-packet one-way delay: 3.628 ms

Loss rate: 0.01%

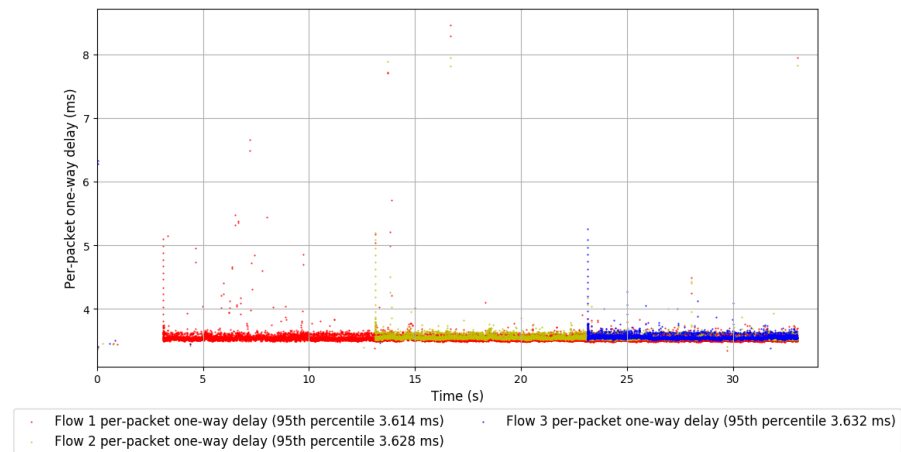
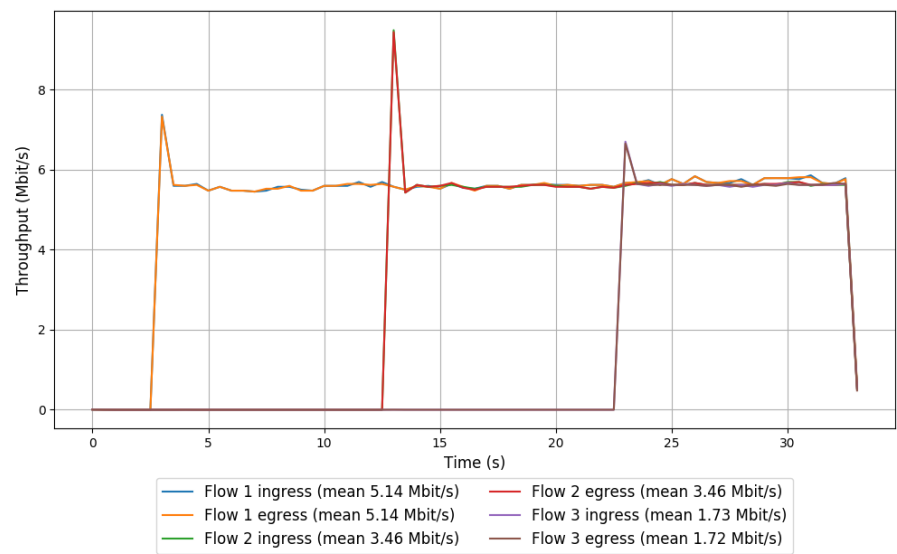
-- Flow 3:

Average throughput: 1.72 Mbit/s

95th percentile per-packet one-way delay: 3.632 ms

Loss rate: 0.04%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sat, 01 Jul 2017 14:34:34 +0000

End at: Sat, 01 Jul 2017 14:35:04 +0000

Local clock offset: -1.85 ms

Remote clock offset: -0.96 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:26:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.76 Mbit/s

95th percentile per-packet one-way delay: 4.226 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 57.18 Mbit/s

95th percentile per-packet one-way delay: 4.067 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 18.03 Mbit/s

95th percentile per-packet one-way delay: 4.109 ms

Loss rate: 0.04%

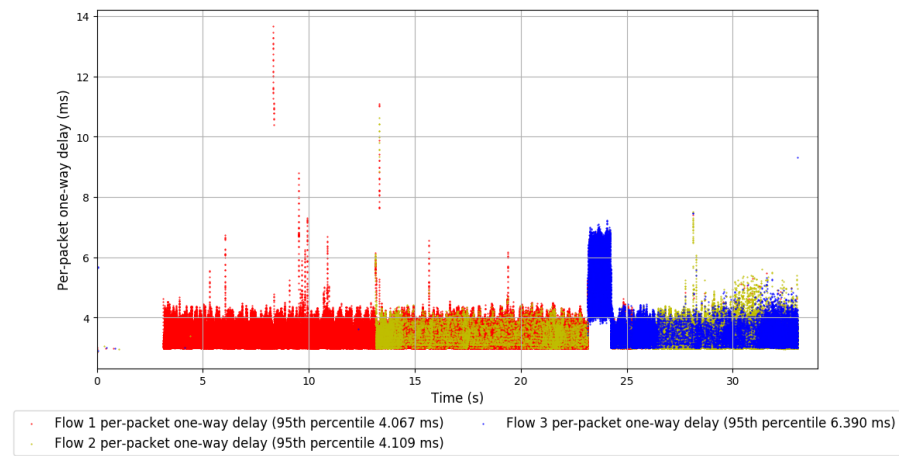
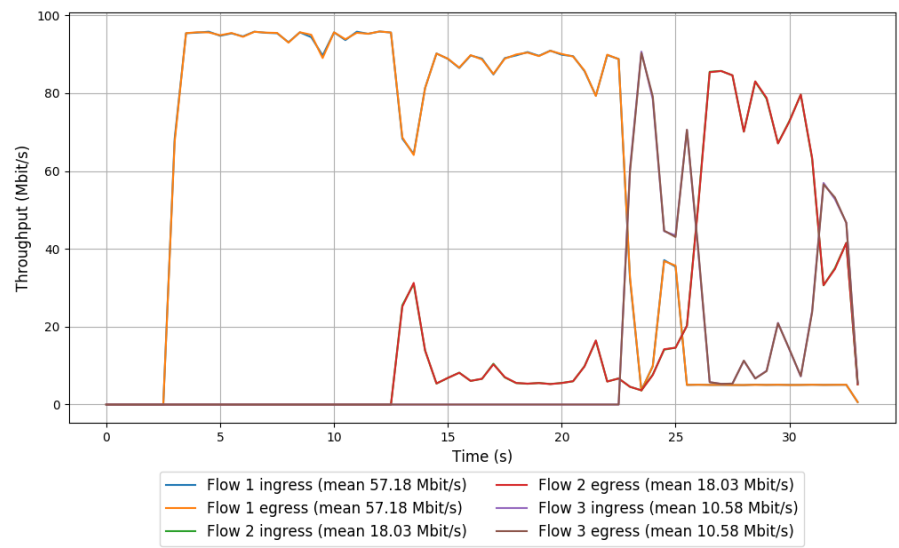
-- Flow 3:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 6.390 ms

Loss rate: 0.04%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 12:06:37 +0000

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

Local clock offset: -0.974 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:27:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.55 Mbit/s

95th percentile per-packet one-way delay: 36.588 ms

Loss rate: 0.46%

-- Flow 1:

Average throughput: 42.01 Mbit/s

95th percentile per-packet one-way delay: 35.136 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 26.76 Mbit/s

95th percentile per-packet one-way delay: 36.551 ms

Loss rate: 0.45%

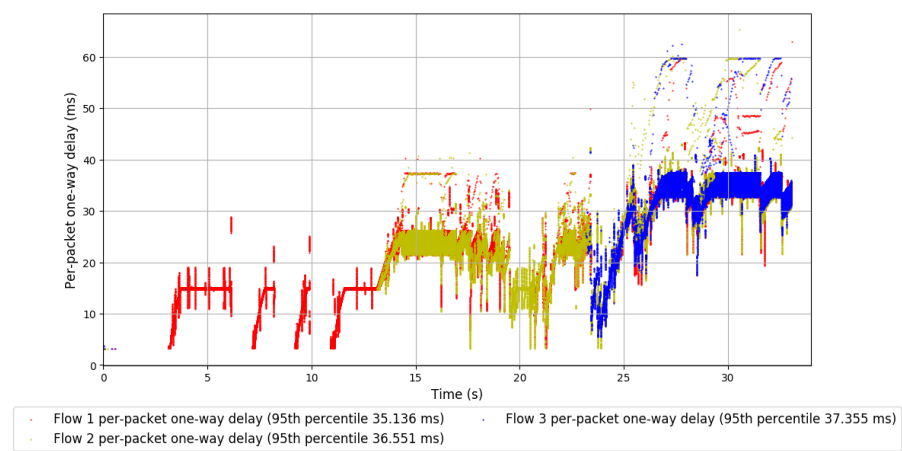
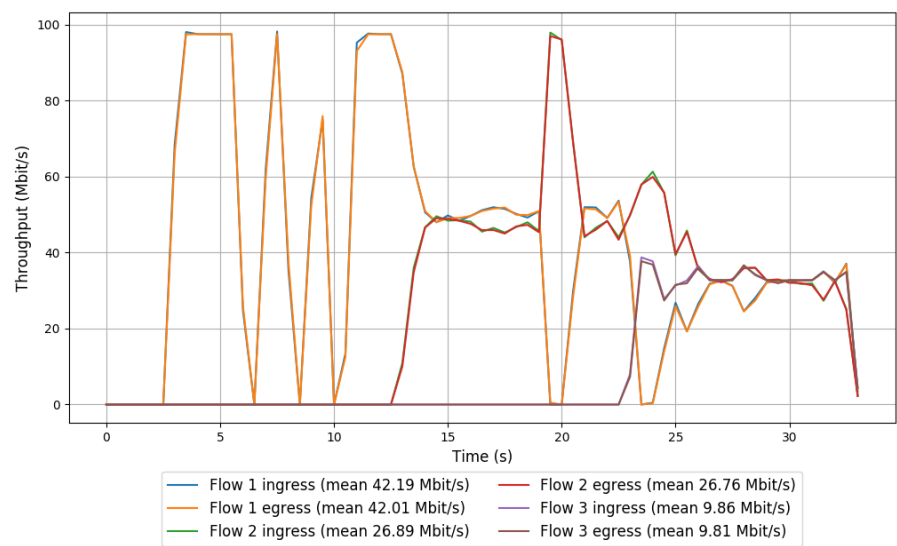
-- Flow 3:

Average throughput: 9.81 Mbit/s

95th percentile per-packet one-way delay: 37.355 ms

Loss rate: 0.61%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 12:23:47 +0000

End at: Sat, 01 Jul 2017 12:24:17 +0000

Local clock offset: -1.752 ms

Remote clock offset: 0.196 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:27:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.09 Mbit/s

95th percentile per-packet one-way delay: 26.984 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 57.33 Mbit/s

95th percentile per-packet one-way delay: 26.986 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 30.78 Mbit/s

95th percentile per-packet one-way delay: 26.981 ms

Loss rate: 0.24%

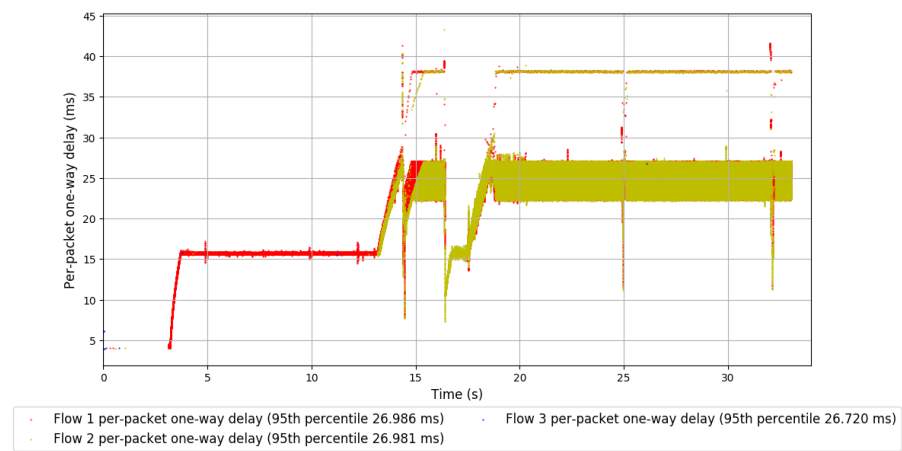
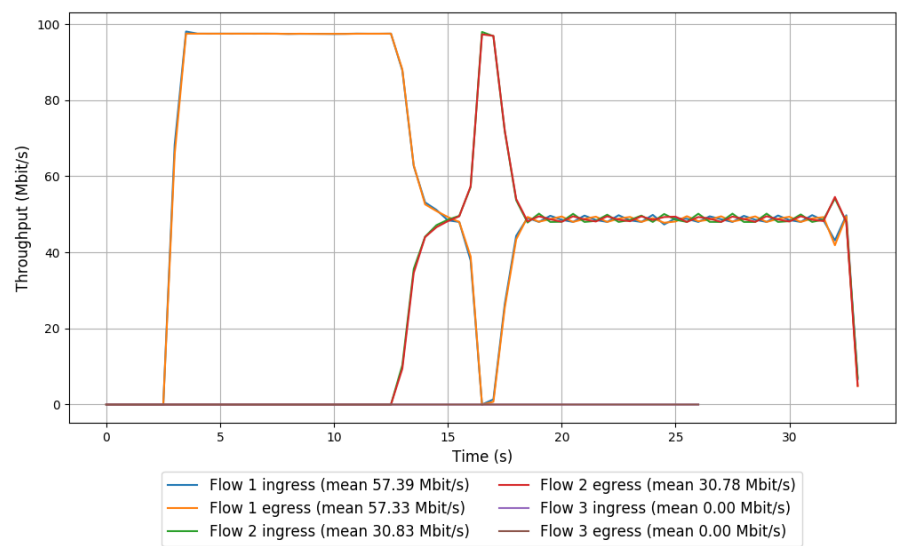
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.720 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 12:41:03 +0000

End at: Sat, 01 Jul 2017 12:41:33 +0000

Local clock offset: -1.887 ms

Remote clock offset: 0.149 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:27:53 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.50 Mbit/s

95th percentile per-packet one-way delay: 35.104 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 51.74 Mbit/s

95th percentile per-packet one-way delay: 29.432 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 23.82 Mbit/s

95th percentile per-packet one-way delay: 35.449 ms

Loss rate: 0.25%

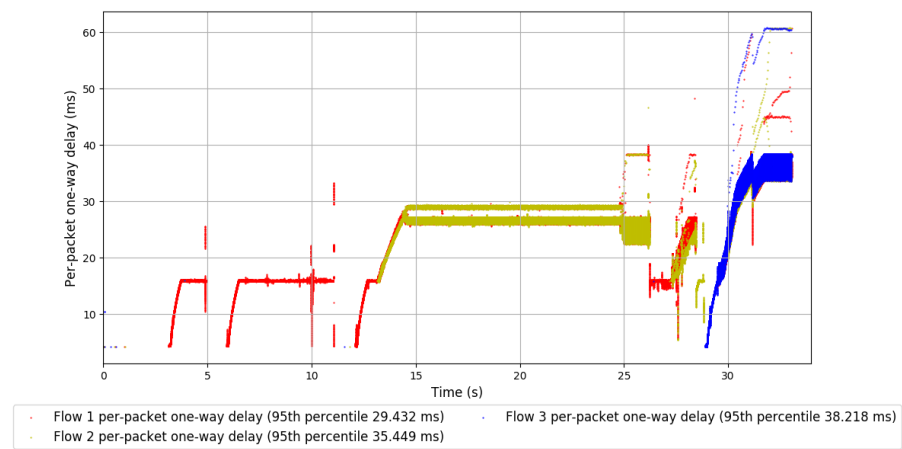
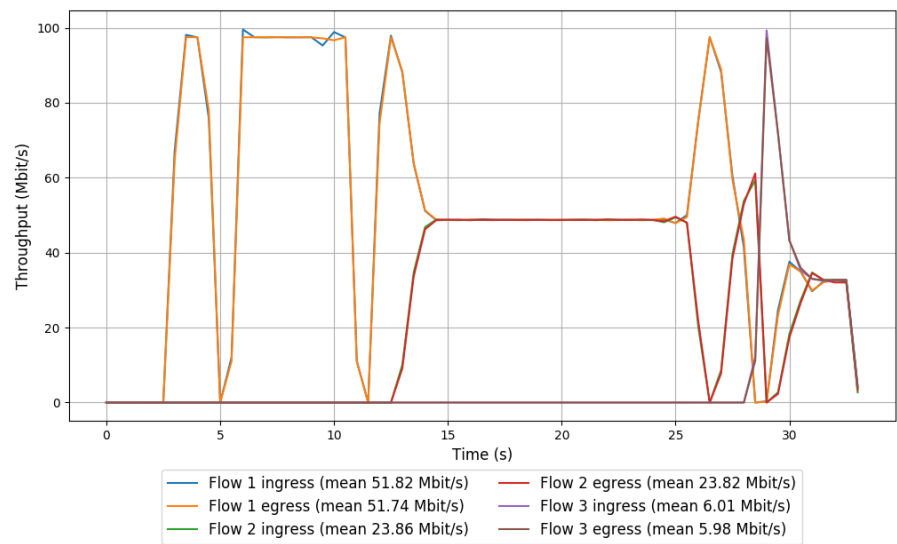
-- Flow 3:

Average throughput: 5.98 Mbit/s

95th percentile per-packet one-way delay: 38.218 ms

Loss rate: 0.56%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 12:58:13 +0000

End at: Sat, 01 Jul 2017 12:58:43 +0000

Local clock offset: -1.729 ms

Remote clock offset: -0.081 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:28:33 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 26.711 ms

Loss rate: 0.23%

-- Flow 1:

Average throughput: 56.21 Mbit/s

95th percentile per-packet one-way delay: 26.705 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 28.77 Mbit/s

95th percentile per-packet one-way delay: 27.057 ms

Loss rate: 0.28%

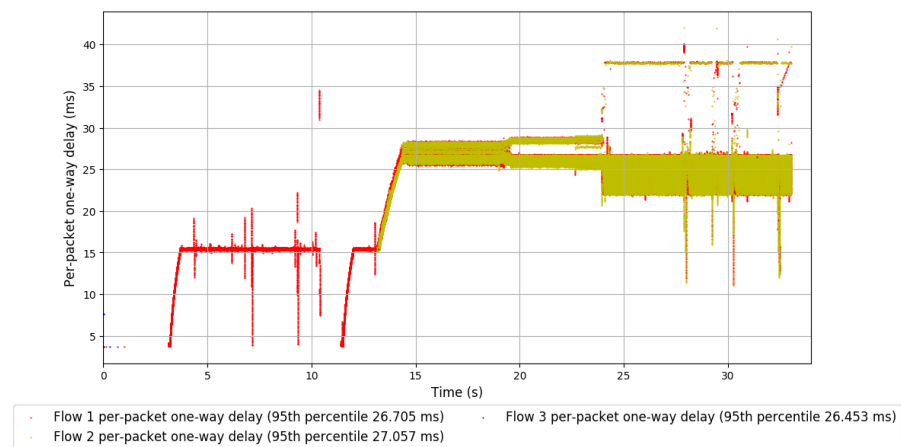
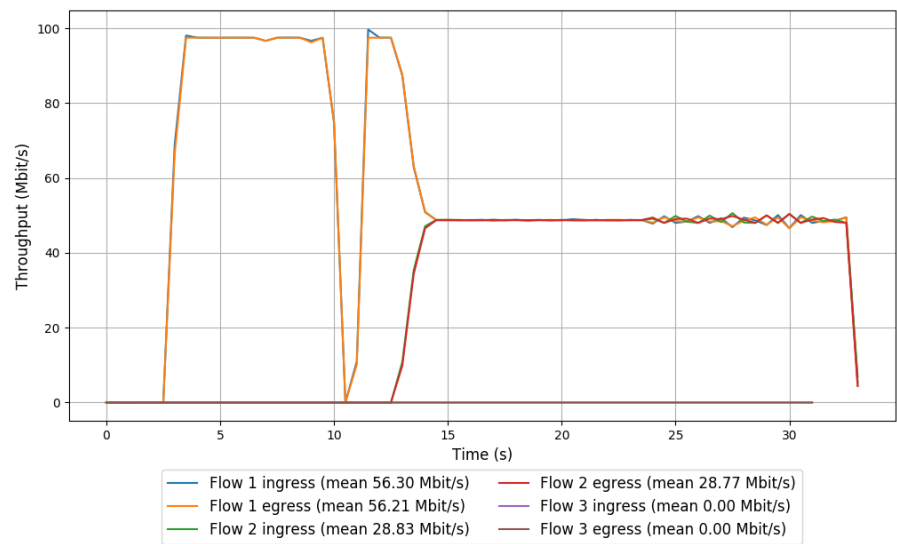
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.453 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 13:15:24 +0000

End at: Sat, 01 Jul 2017 13:15:54 +0000

Local clock offset: -1.79 ms

Remote clock offset: -0.244 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:28:39 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.01 Mbit/s

95th percentile per-packet one-way delay: 26.635 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 56.30 Mbit/s

95th percentile per-packet one-way delay: 26.609 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 28.74 Mbit/s

95th percentile per-packet one-way delay: 26.662 ms

Loss rate: 0.52%

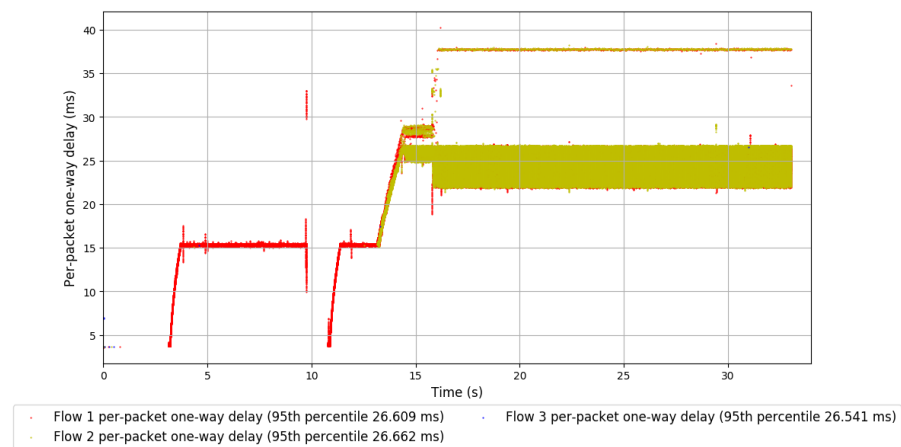
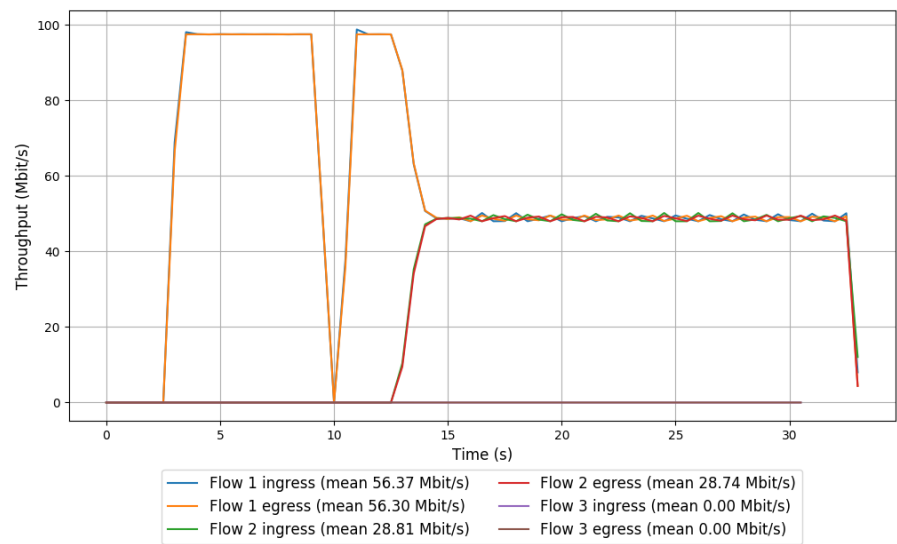
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 26.541 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 13:32:35 +0000

End at: Sat, 01 Jul 2017 13:33:05 +0000

Local clock offset: -2.076 ms

Remote clock offset: -0.174 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:29:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.48 Mbit/s

95th percentile per-packet one-way delay: 37.624 ms

Loss rate: 0.35%

-- Flow 1:

Average throughput: 48.24 Mbit/s

95th percentile per-packet one-way delay: 36.677 ms

Loss rate: 0.37%

-- Flow 2:

Average throughput: 26.11 Mbit/s

95th percentile per-packet one-way delay: 37.968 ms

Loss rate: 0.31%

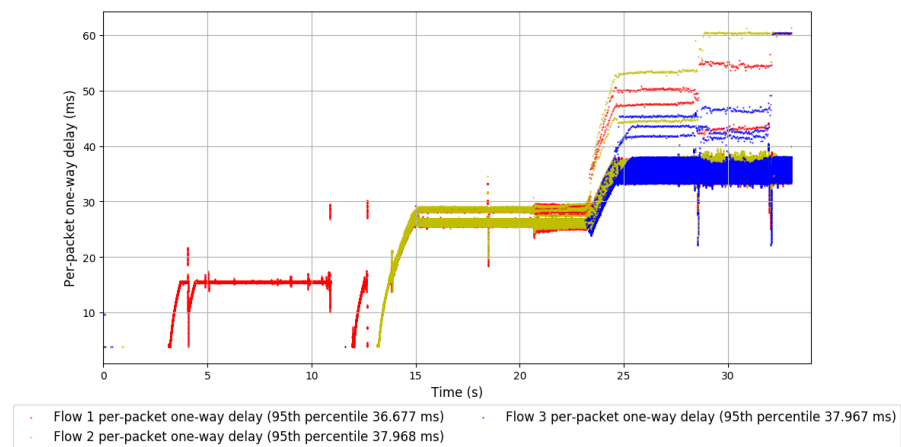
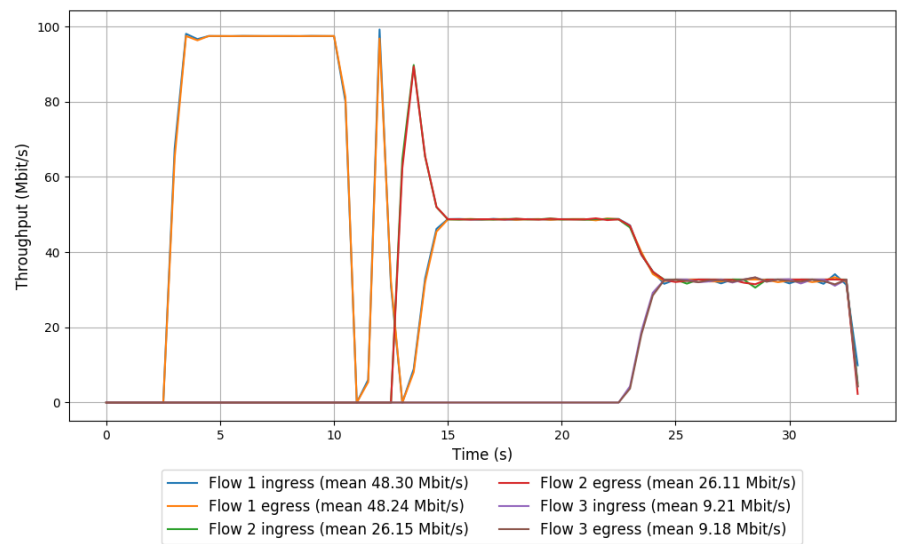
-- Flow 3:

Average throughput: 9.18 Mbit/s

95th percentile per-packet one-way delay: 37.967 ms

Loss rate: 0.39%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 13:49:49 +0000

End at: Sat, 01 Jul 2017 13:50:19 +0000

Local clock offset: -2.189 ms

Remote clock offset: -0.421 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:29:26 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.85 Mbit/s

95th percentile per-packet one-way delay: 36.622 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 52.03 Mbit/s

95th percentile per-packet one-way delay: 34.091 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 23.26 Mbit/s

95th percentile per-packet one-way delay: 37.137 ms

Loss rate: 0.39%

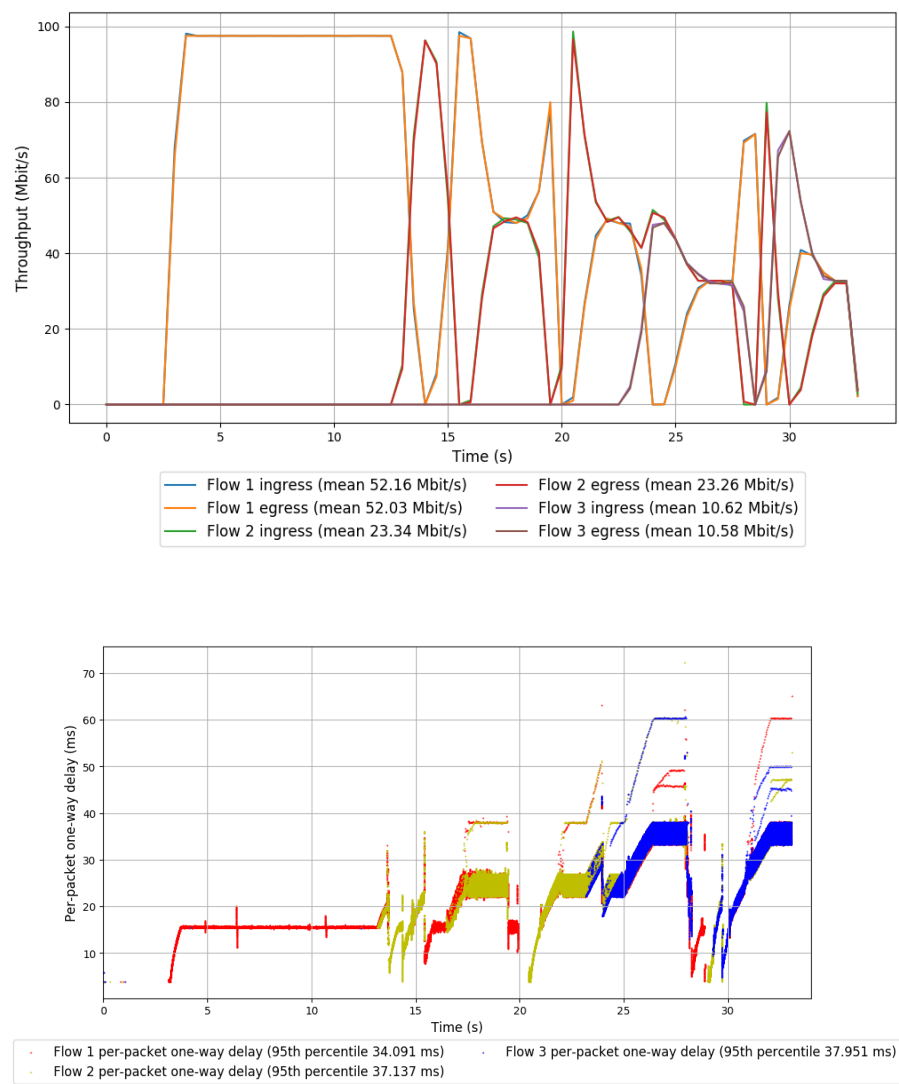
-- Flow 3:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 37.951 ms

Loss rate: 0.46%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 14:07:00 +0000

End at: Sat, 01 Jul 2017 14:07:30 +0000

Local clock offset: -2.139 ms

Remote clock offset: -0.653 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:30:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.91 Mbit/s

95th percentile per-packet one-way delay: 36.769 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 53.02 Mbit/s

95th percentile per-packet one-way delay: 35.079 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 21.26 Mbit/s

95th percentile per-packet one-way delay: 37.605 ms

Loss rate: 0.45%

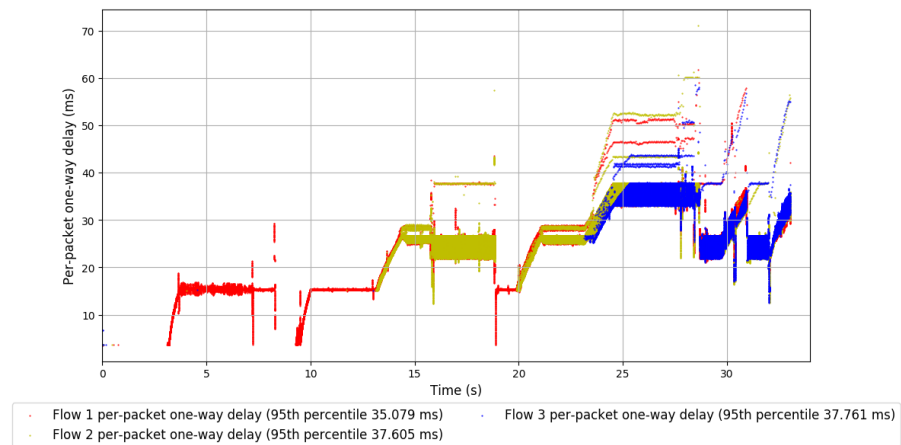
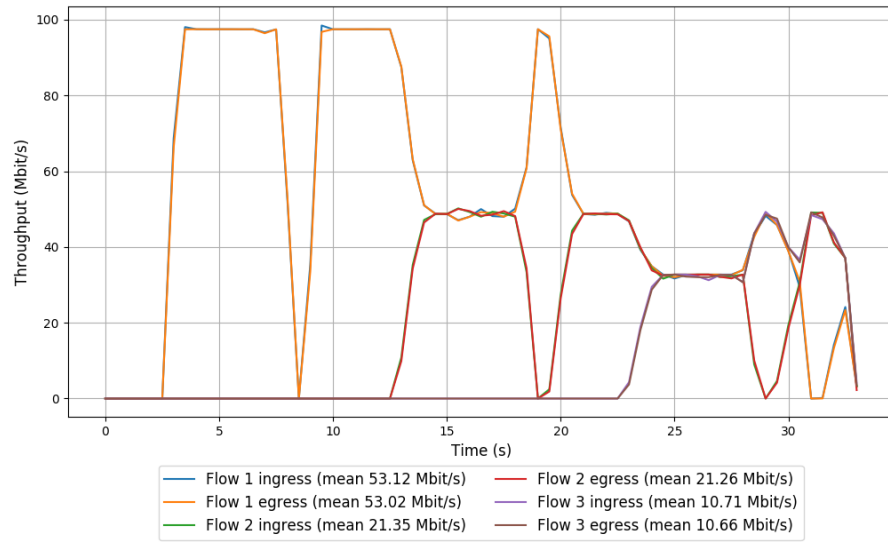
-- Flow 3:

Average throughput: 10.66 Mbit/s

95th percentile per-packet one-way delay: 37.761 ms

Loss rate: 0.47%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 14:24:07 +0000

End at: Sat, 01 Jul 2017 14:24:37 +0000

Local clock offset: -1.997 ms

Remote clock offset: -0.807 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:30:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.12 Mbit/s

95th percentile per-packet one-way delay: 26.219 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 61.41 Mbit/s

95th percentile per-packet one-way delay: 26.186 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 26.74 Mbit/s

95th percentile per-packet one-way delay: 26.252 ms

Loss rate: 0.40%

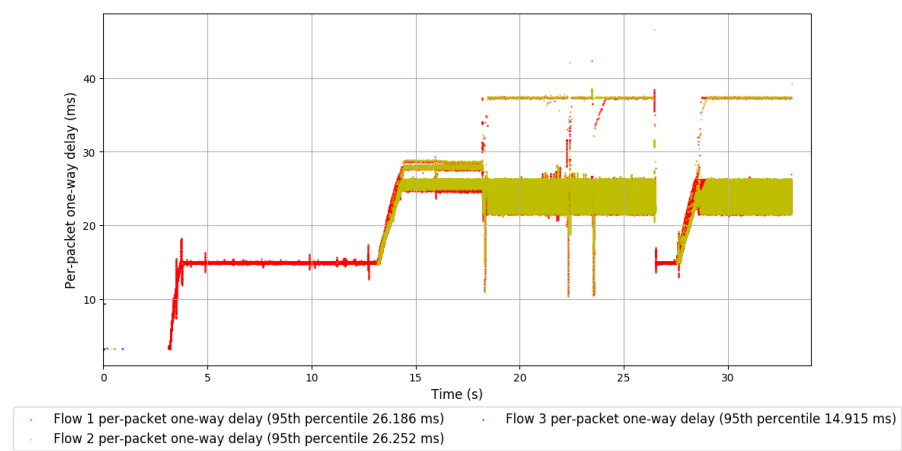
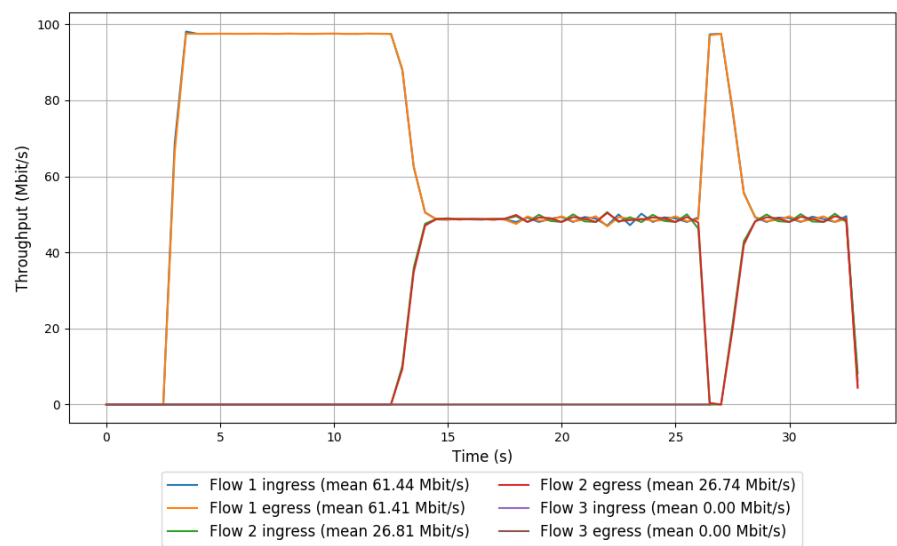
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 14.915 ms

Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sat, 01 Jul 2017 14:41:24 +0000

End at: Sat, 01 Jul 2017 14:41:54 +0000

Local clock offset: -1.743 ms

Remote clock offset: -1.064 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:30:54 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.03 Mbit/s

95th percentile per-packet one-way delay: 25.694 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 54.22 Mbit/s

95th percentile per-packet one-way delay: 25.682 ms

Loss rate: 0.21%

-- Flow 2:

Average throughput: 30.83 Mbit/s

95th percentile per-packet one-way delay: 25.707 ms

Loss rate: 0.48%

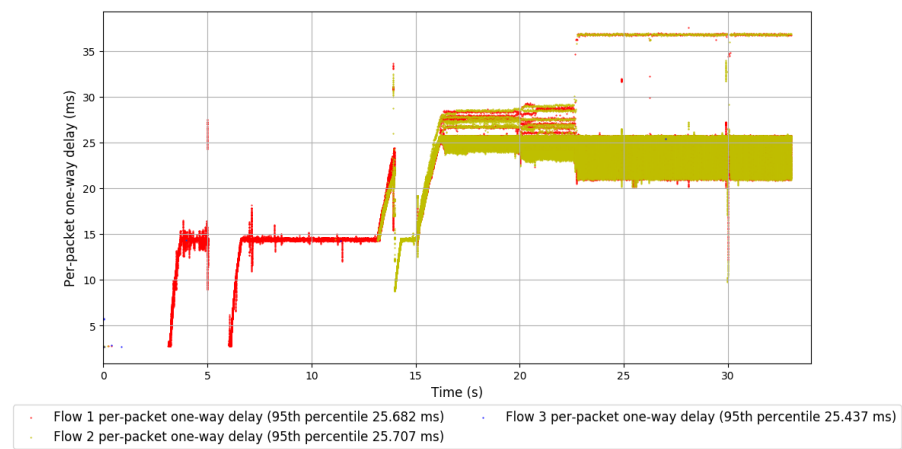
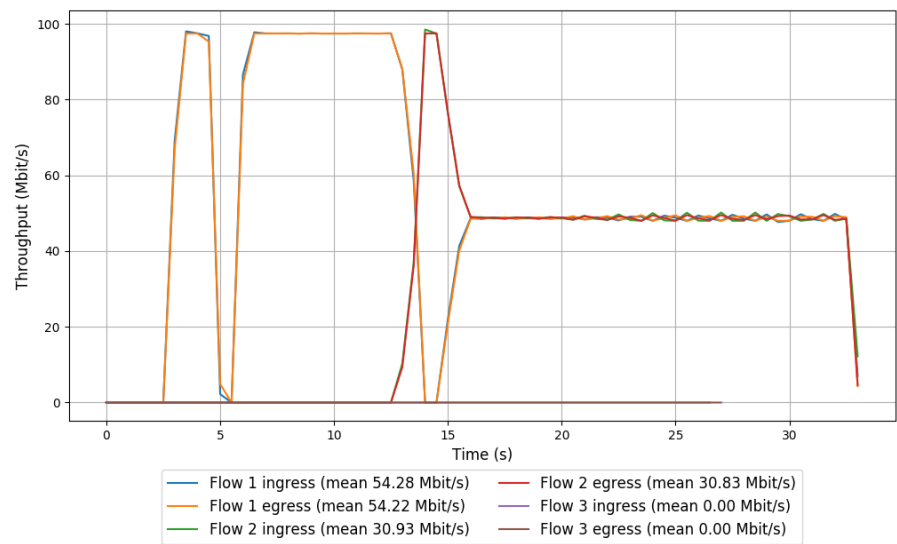
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 25.437 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sat, 01 Jul 2017 12:13:36 +0000

End at: Sat, 01 Jul 2017 12:14:06 +0000

Local clock offset: -1.328 ms

Remote clock offset: 0.166 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:30:58 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 76.32 Mbit/s

95th percentile per-packet one-way delay: 20.212 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 64.23 Mbit/s

95th percentile per-packet one-way delay: 20.070 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 9.46 Mbit/s

95th percentile per-packet one-way delay: 20.456 ms

Loss rate: 0.08%

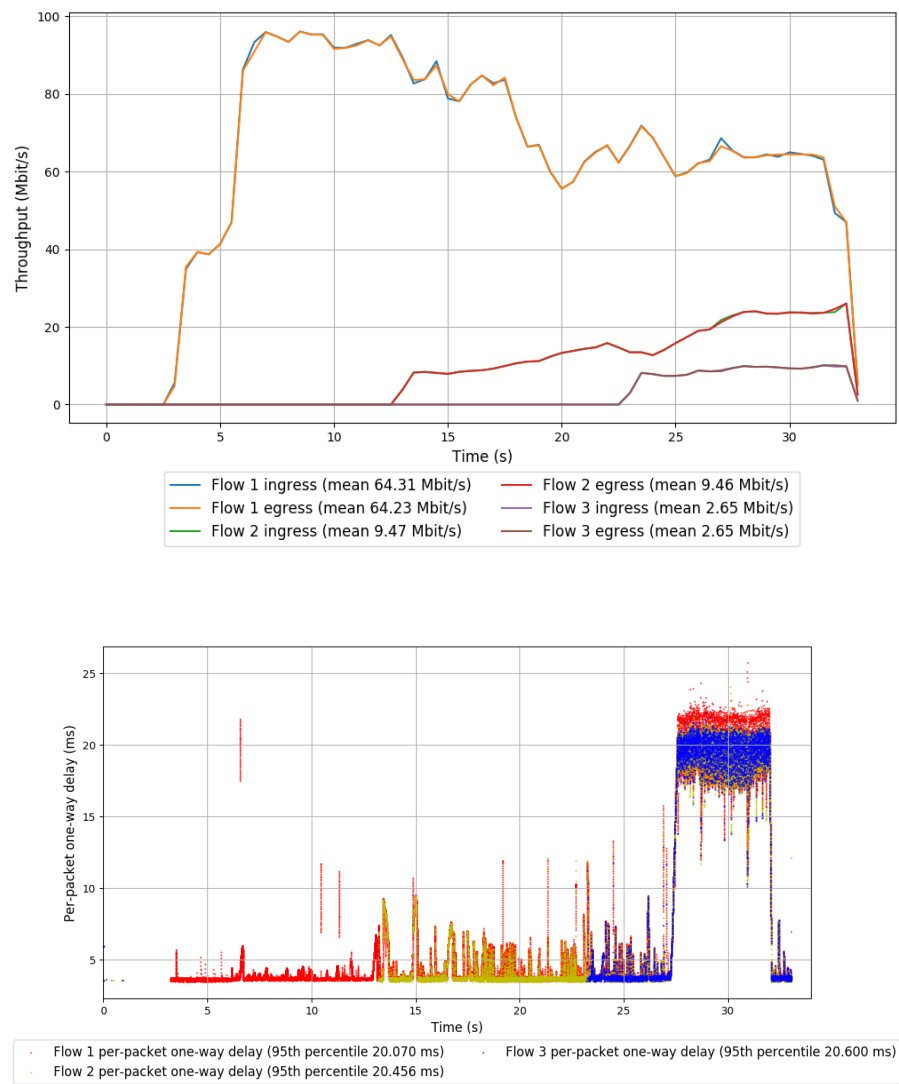
-- Flow 3:

Average throughput: 2.65 Mbit/s

95th percentile per-packet one-way delay: 20.600 ms

Loss rate: 0.08%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sat, 01 Jul 2017 12:30:46 +0000

End at: Sat, 01 Jul 2017 12:31:16 +0000

Local clock offset: -1.903 ms

Remote clock offset: 0.218 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:31:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.21 Mbit/s

95th percentile per-packet one-way delay: 7.908 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 63.33 Mbit/s

95th percentile per-packet one-way delay: 6.828 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 12.02 Mbit/s

95th percentile per-packet one-way delay: 14.613 ms

Loss rate: 0.11%

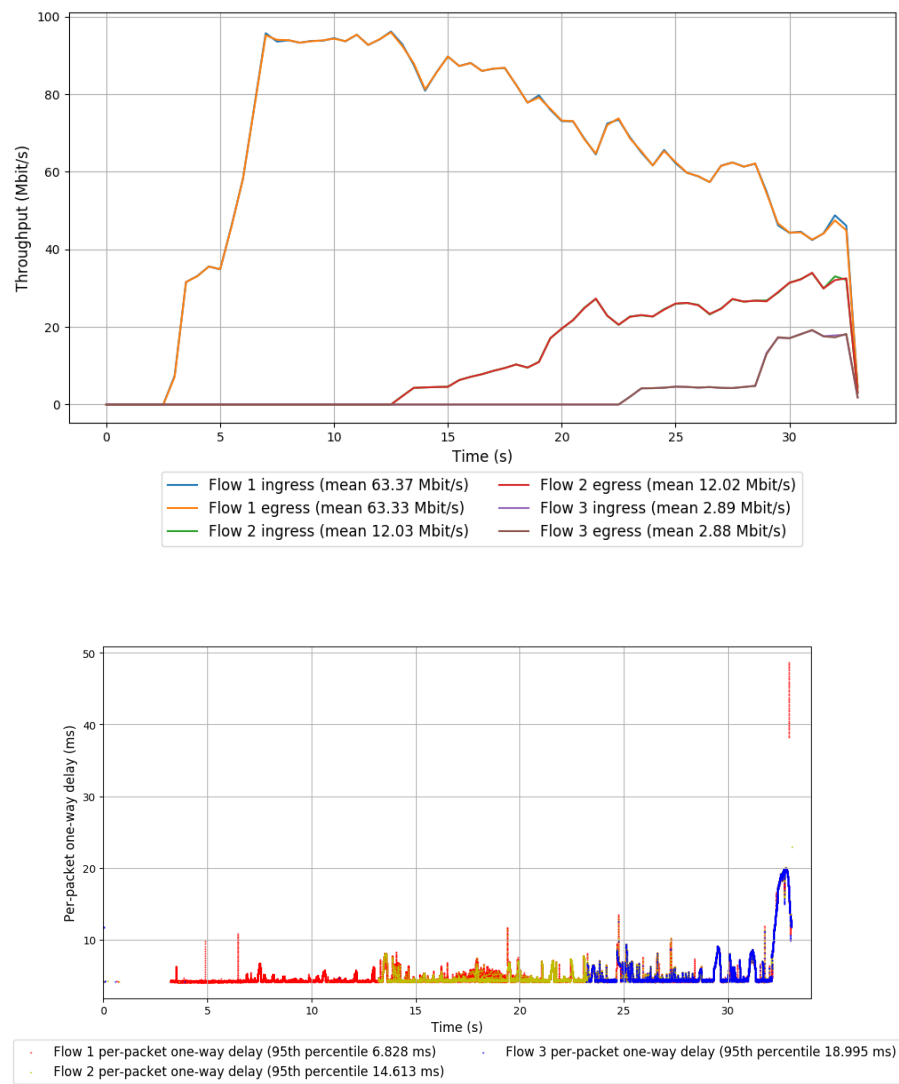
-- Flow 3:

Average throughput: 2.88 Mbit/s

95th percentile per-packet one-way delay: 18.995 ms

Loss rate: 0.23%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sat, 01 Jul 2017 12:48:02 +0000

End at: Sat, 01 Jul 2017 12:48:32 +0000

Local clock offset: -1.812 ms

Remote clock offset: 0.192 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:31:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 6.187 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 70.04 Mbit/s

95th percentile per-packet one-way delay: 6.092 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 6.606 ms

Loss rate: 0.02%

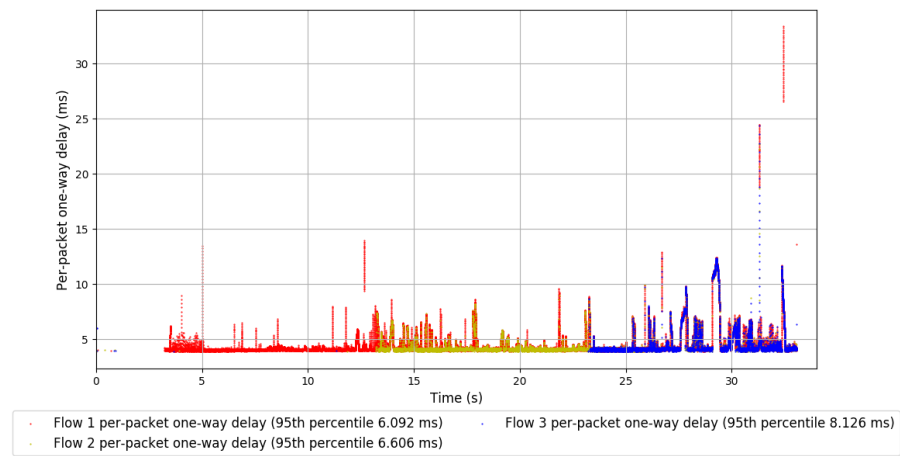
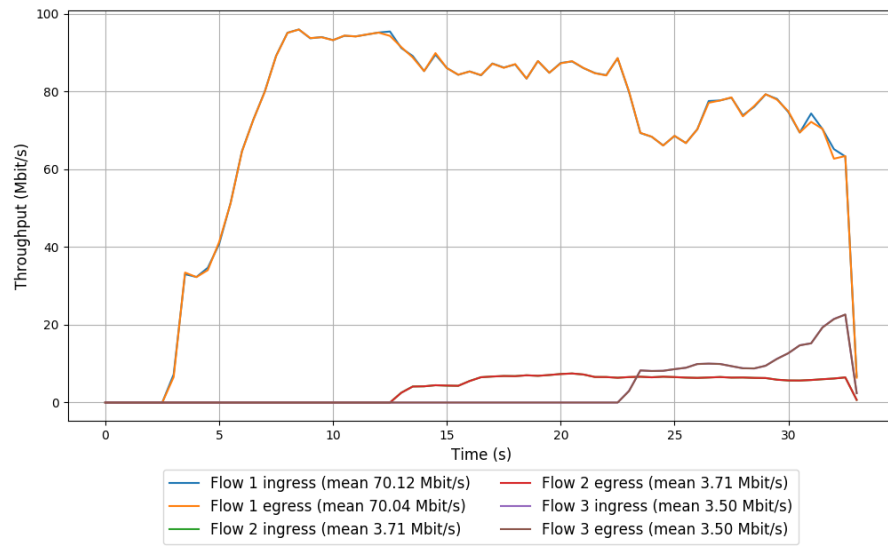
-- Flow 3:

Average throughput: 3.50 Mbit/s

95th percentile per-packet one-way delay: 8.126 ms

Loss rate: 0.12%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sat, 01 Jul 2017 13:05:12 +0000

End at: Sat, 01 Jul 2017 13:05:42 +0000

Local clock offset: -1.733 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:32:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.48 Mbit/s

95th percentile per-packet one-way delay: 8.883 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 55.63 Mbit/s

95th percentile per-packet one-way delay: 8.578 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 15.69 Mbit/s

95th percentile per-packet one-way delay: 9.530 ms

Loss rate: 0.08%

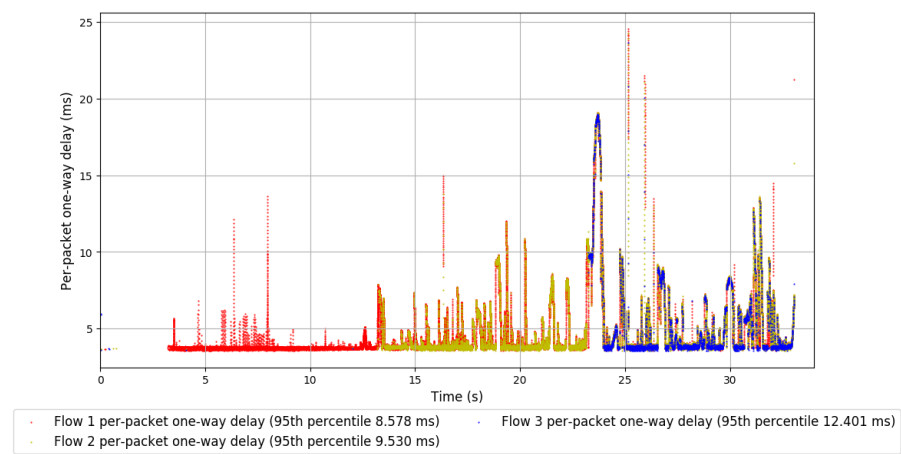
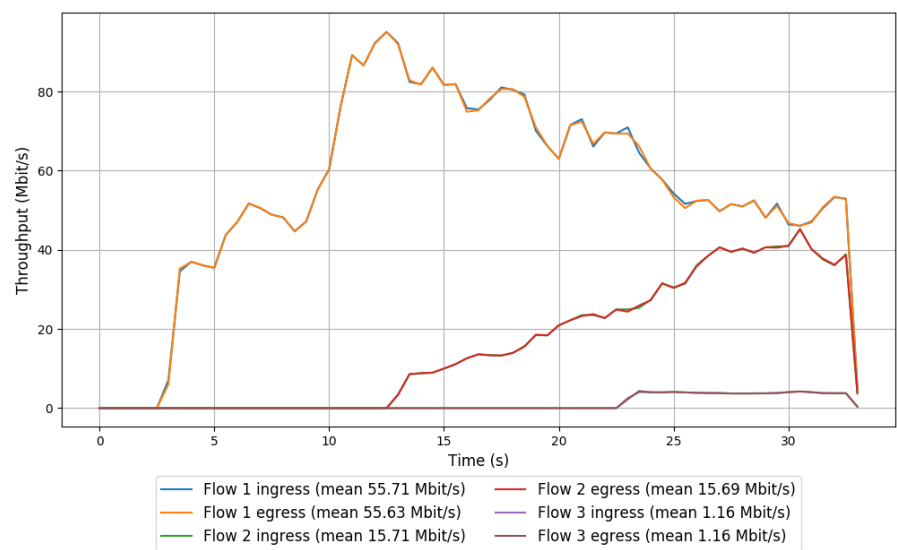
-- Flow 3:

Average throughput: 1.16 Mbit/s

95th percentile per-packet one-way delay: 12.401 ms

Loss rate: 0.10%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sat, 01 Jul 2017 13:22:23 +0000

End at: Sat, 01 Jul 2017 13:22:53 +0000

Local clock offset: -1.88 ms

Remote clock offset: -0.155 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:32:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.06 Mbit/s

95th percentile per-packet one-way delay: 22.786 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 56.01 Mbit/s

95th percentile per-packet one-way delay: 22.293 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 25.66 Mbit/s

95th percentile per-packet one-way delay: 23.229 ms

Loss rate: 0.08%

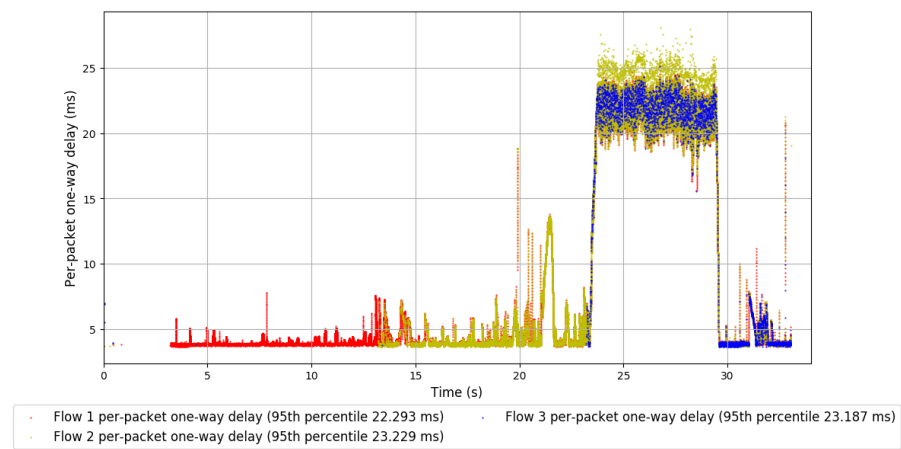
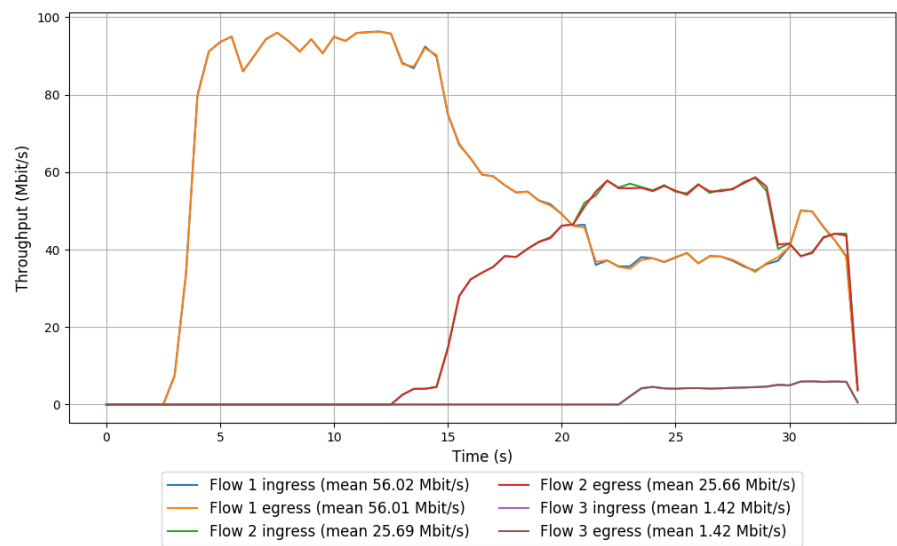
-- Flow 3:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: 23.187 ms

Loss rate: 0.05%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sat, 01 Jul 2017 13:39:34 +0000

End at: Sat, 01 Jul 2017 13:40:04 +0000

Local clock offset: -2.163 ms

Remote clock offset: -0.237 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:33:06 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.91 Mbit/s

95th percentile per-packet one-way delay: 7.452 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 78.75 Mbit/s

95th percentile per-packet one-way delay: 7.288 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 9.134 ms

Loss rate: 0.08%

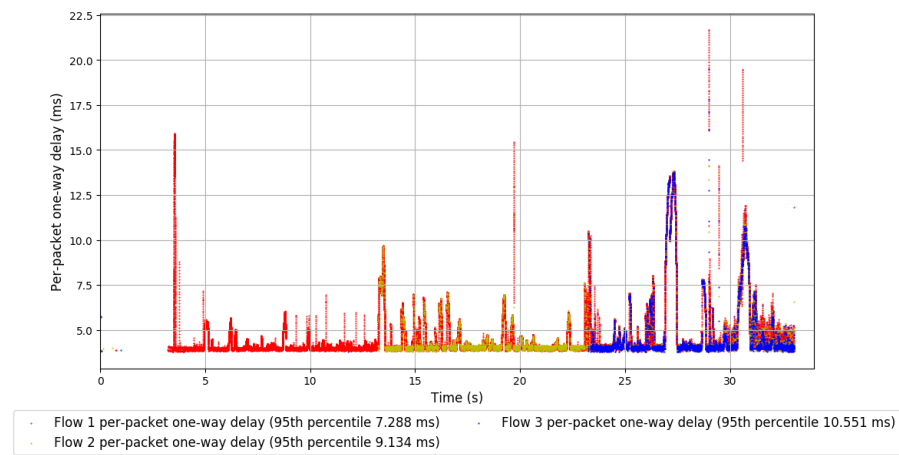
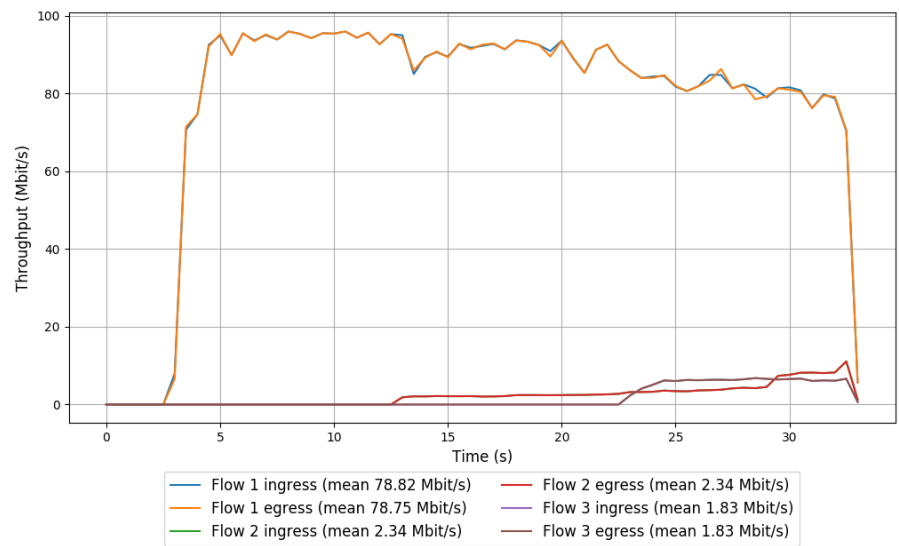
-- Flow 3:

Average throughput: 1.83 Mbit/s

95th percentile per-packet one-way delay: 10.551 ms

Loss rate: 0.04%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sat, 01 Jul 2017 13:56:48 +0000

End at: Sat, 01 Jul 2017 13:57:18 +0000

Local clock offset: -2.281 ms

Remote clock offset: -0.495 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:33:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.00 Mbit/s

95th percentile per-packet one-way delay: 7.056 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 61.73 Mbit/s

95th percentile per-packet one-way delay: 6.238 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 15.42 Mbit/s

95th percentile per-packet one-way delay: 8.373 ms

Loss rate: 0.12%

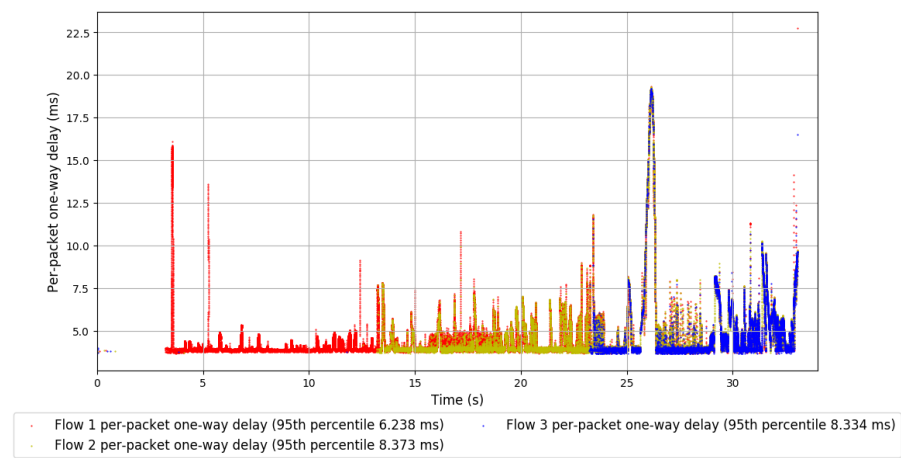
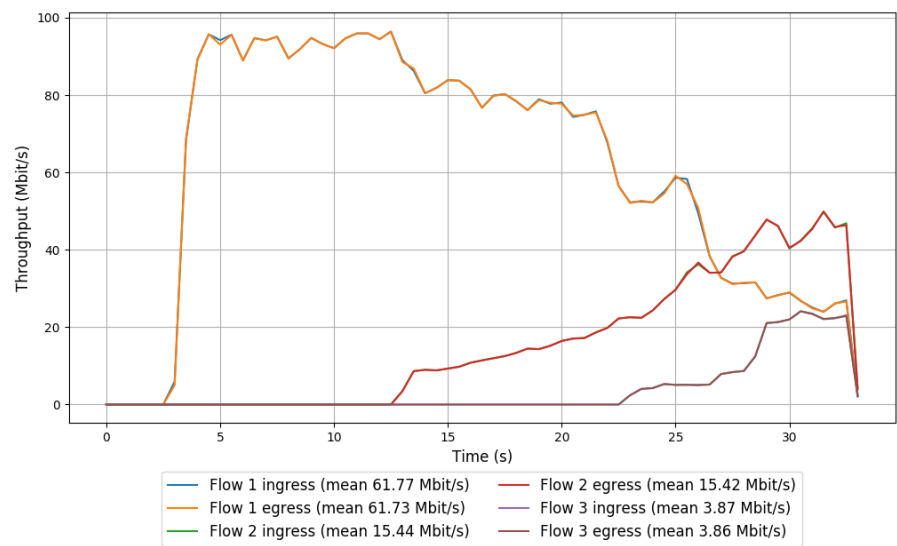
-- Flow 3:

Average throughput: 3.86 Mbit/s

95th percentile per-packet one-way delay: 8.334 ms

Loss rate: 0.19%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sat, 01 Jul 2017 14:13:58 +0000

End at: Sat, 01 Jul 2017 14:14:29 +0000

Local clock offset: -2.107 ms

Remote clock offset: -0.729 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:33:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 22.840 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 63.43 Mbit/s

95th percentile per-packet one-way delay: 22.253 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 23.771 ms

Loss rate: 0.06%

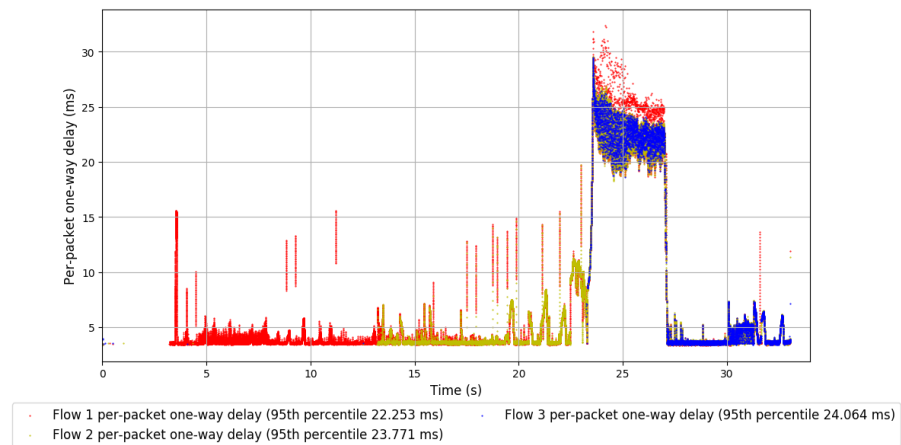
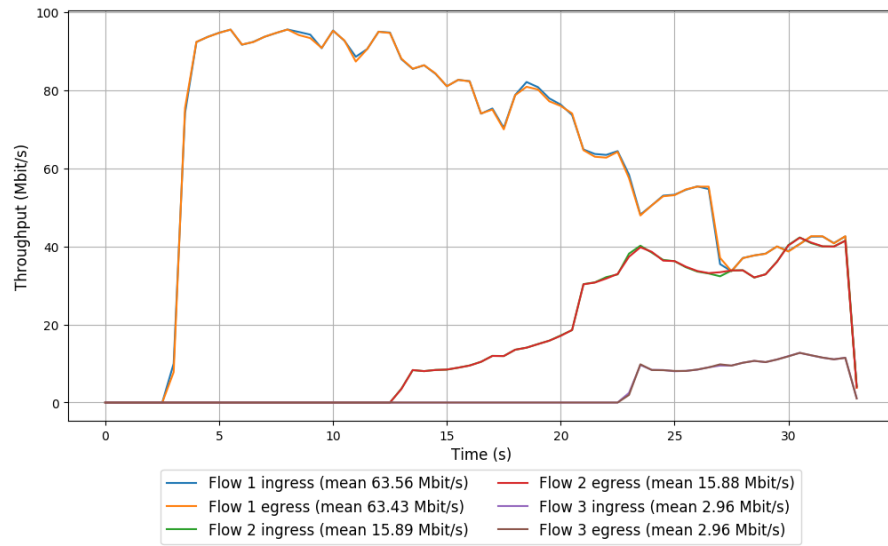
-- Flow 3:

Average throughput: 2.96 Mbit/s

95th percentile per-packet one-way delay: 24.064 ms

Loss rate: 0.09%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sat, 01 Jul 2017 14:31:07 +0000

End at: Sat, 01 Jul 2017 14:31:37 +0000

Local clock offset: -1.853 ms

Remote clock offset: -0.834 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:34:00 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.48 Mbit/s

95th percentile per-packet one-way delay: 6.432 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 74.52 Mbit/s

95th percentile per-packet one-way delay: 6.425 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 7.154 ms

Loss rate: 0.03%

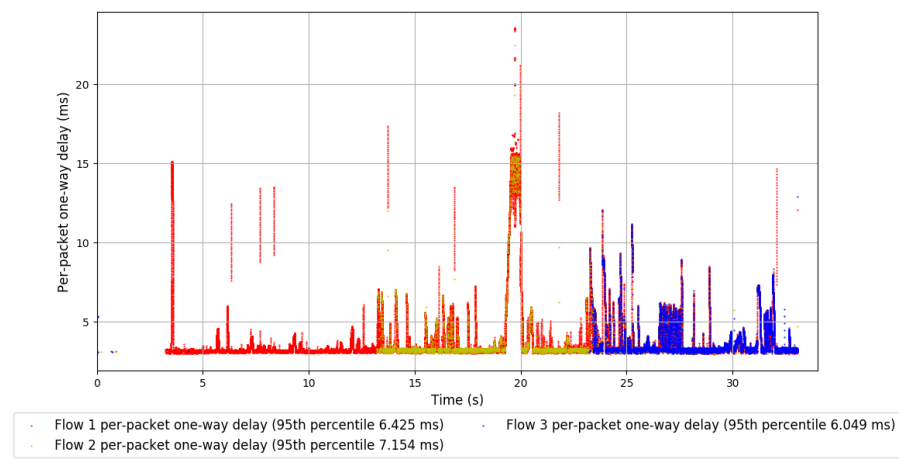
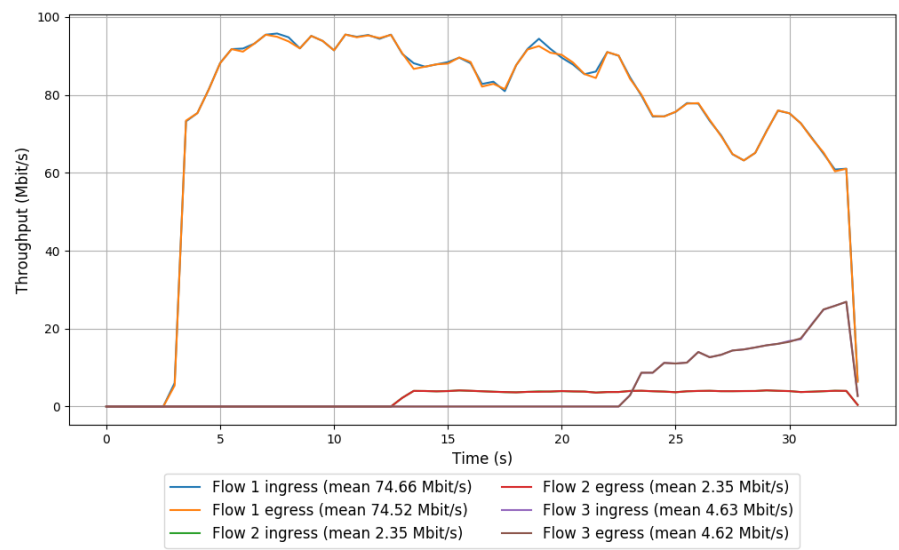
-- Flow 3:

Average throughput: 4.62 Mbit/s

95th percentile per-packet one-way delay: 6.049 ms

Loss rate: 0.13%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sat, 01 Jul 2017 14:48:23 +0000

End at: Sat, 01 Jul 2017 14:48:53 +0000

Local clock offset: -1.657 ms

Remote clock offset: -1.124 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:34:37 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.08 Mbit/s

95th percentile per-packet one-way delay: 7.155 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 69.39 Mbit/s

95th percentile per-packet one-way delay: 6.845 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 11.83 Mbit/s

95th percentile per-packet one-way delay: 8.987 ms

Loss rate: 0.05%

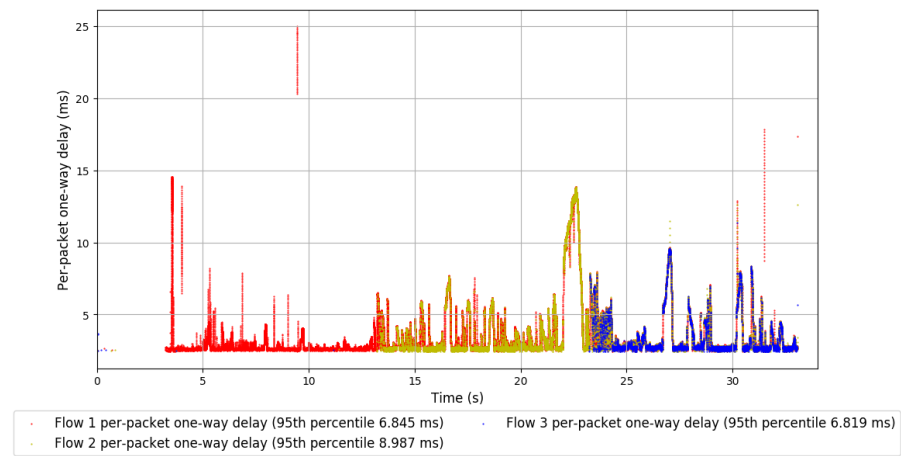
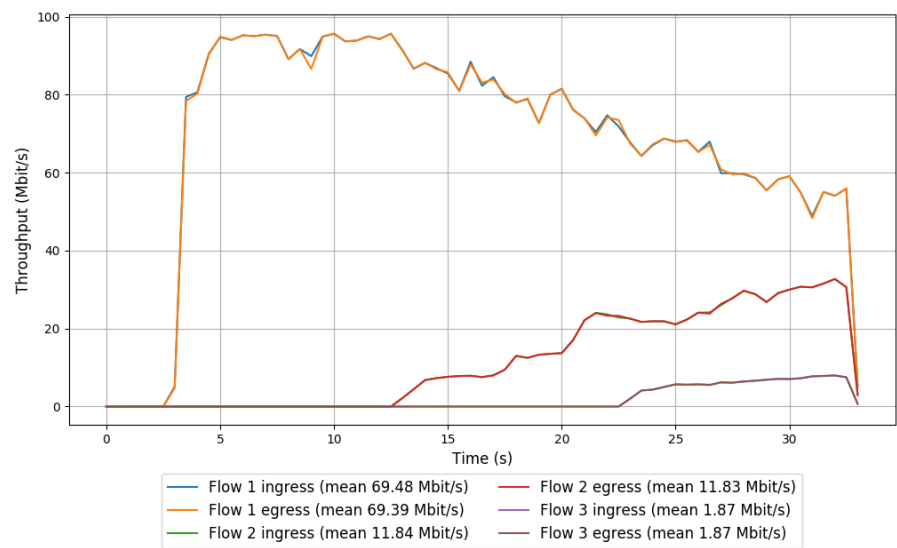
-- Flow 3:

Average throughput: 1.87 Mbit/s

95th percentile per-packet one-way delay: 6.819 ms

Loss rate: 0.06%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic (toy)

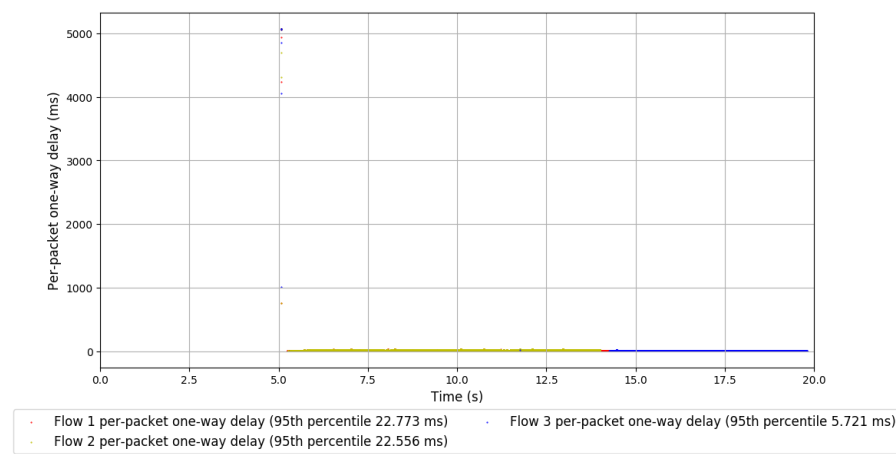
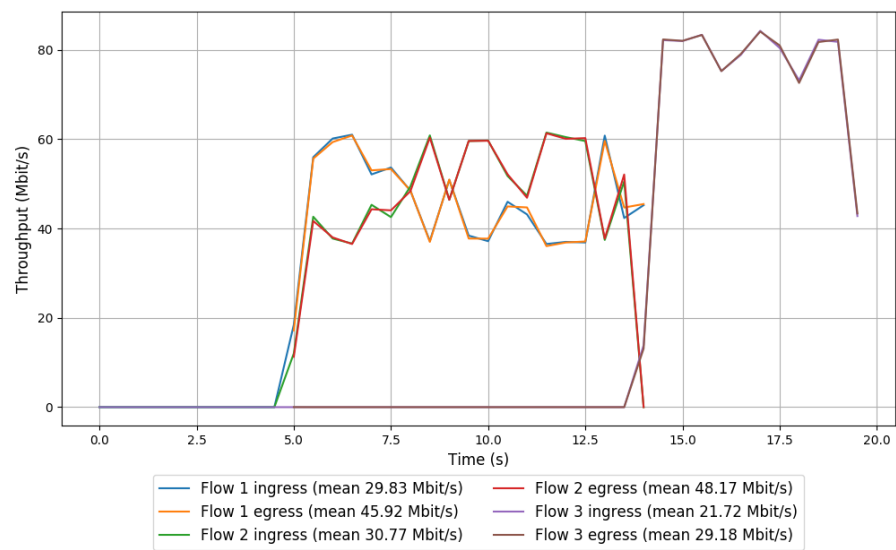
Start at: Sat, 01 Jul 2017 12:08:58 +0000

End at: Sat, 01 Jul 2017 12:09:28 +0000

Local clock offset: -1.154 ms

Remote clock offset: 0.153 ms

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



Run 2: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 12:26:08 +0000

End at: Sat, 01 Jul 2017 12:26:38 +0000

Local clock offset: -1.905 ms

Remote clock offset: 0.163 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:34:47 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 45.05 Mbit/s

95th percentile per-packet one-way delay: 5.158 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 16.67 Mbit/s

95th percentile per-packet one-way delay: 4.968 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 15.45 Mbit/s

95th percentile per-packet one-way delay: 6.045 ms

Loss rate: 0.00%

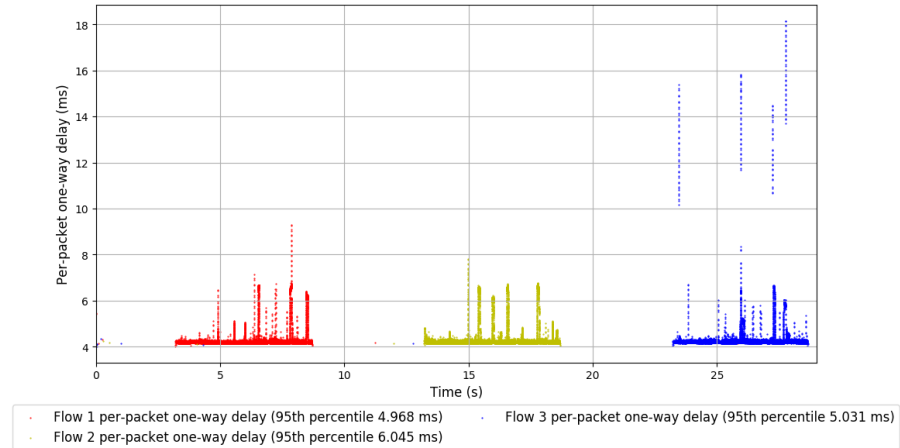
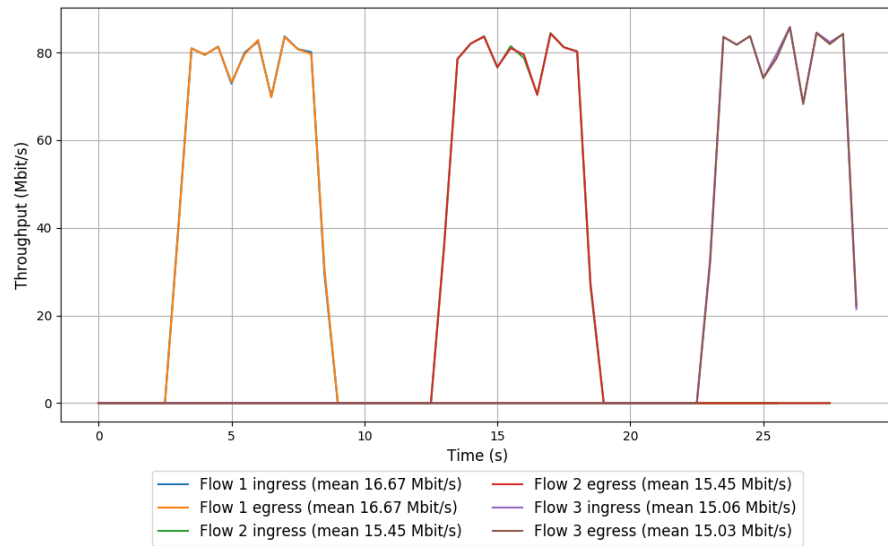
-- Flow 3:

Average throughput: 15.03 Mbit/s

95th percentile per-packet one-way delay: 5.031 ms

Loss rate: 0.17%

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



Run 3: Statistics of QUIC Cubic (toy)

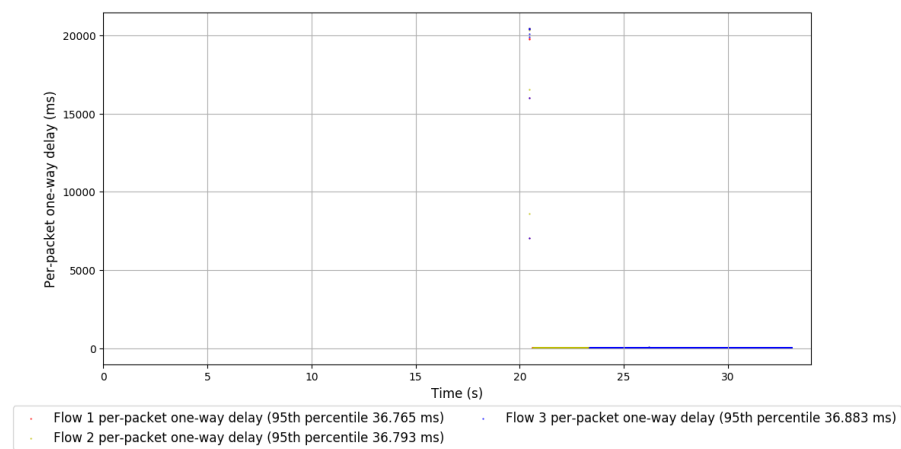
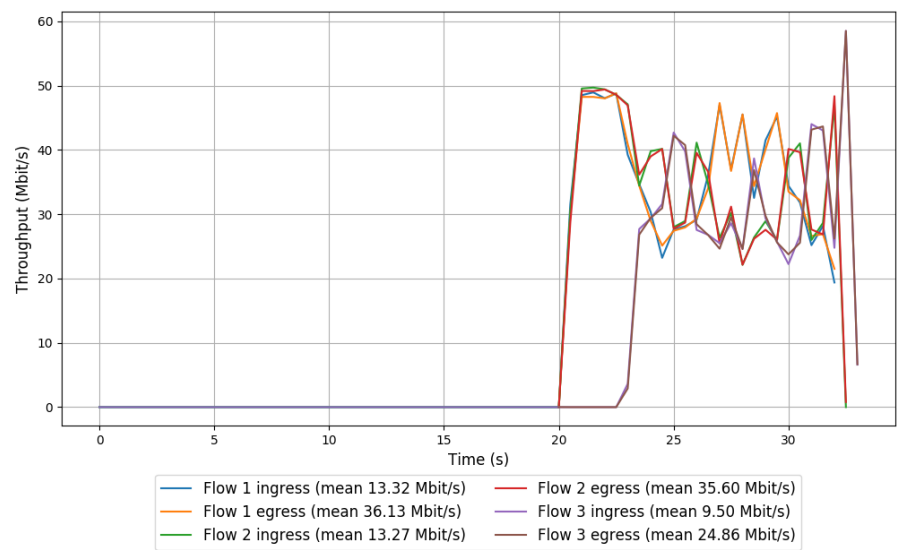
Start at: Sat, 01 Jul 2017 12:43:24 +0000

End at: Sat, 01 Jul 2017 12:43:54 +0000

Local clock offset: -1.811 ms

Remote clock offset: 0.281 ms

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



Run 4: Statistics of QUIC Cubic (toy)

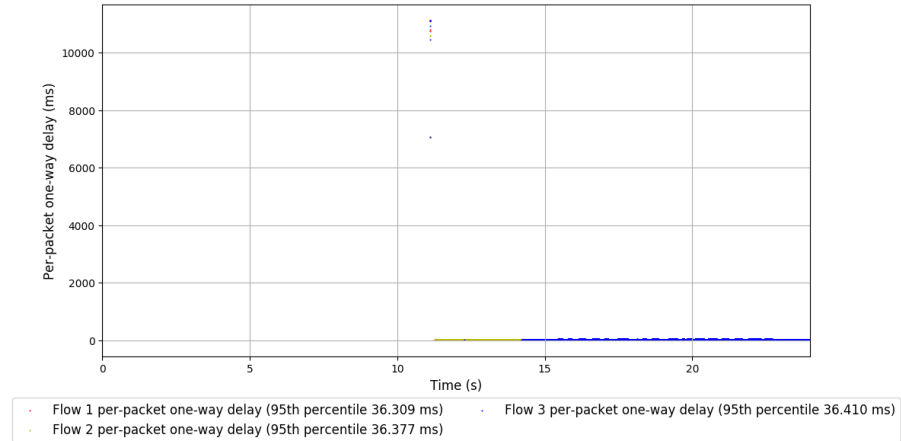
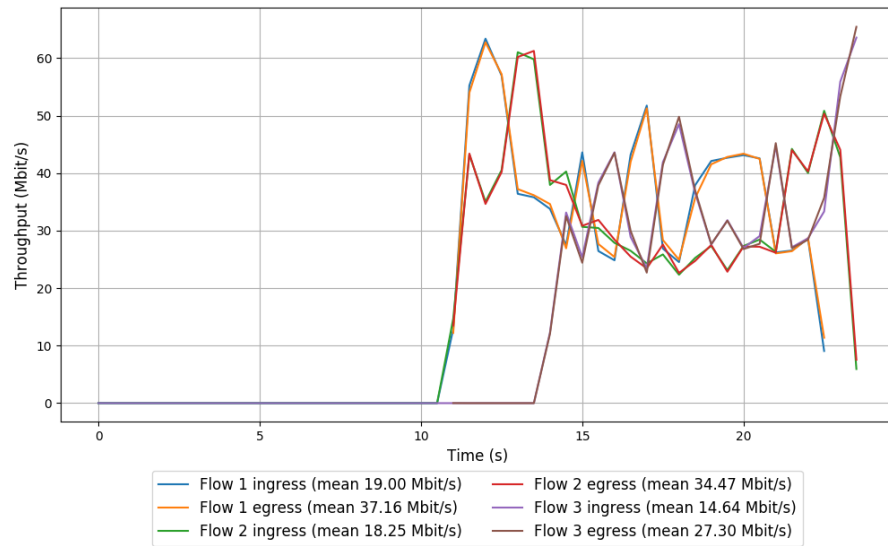
Start at: Sat, 01 Jul 2017 13:00:34 +0000

End at: Sat, 01 Jul 2017 13:01:04 +0000

Local clock offset: -1.742 ms

Remote clock offset: -0.07 ms

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



Run 5: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 13:17:45 +0000

End at: Sat, 01 Jul 2017 13:18:16 +0000

Local clock offset: -1.805 ms

Remote clock offset: -0.164 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:35:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 4.060 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 17.76 Mbit/s

95th percentile per-packet one-way delay: 4.814 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 21.10 Mbit/s

95th percentile per-packet one-way delay: 3.896 ms

Loss rate: 0.00%

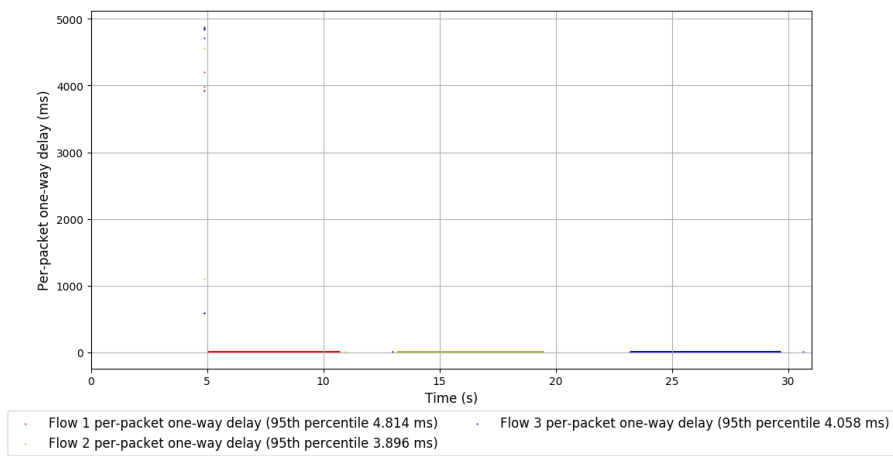
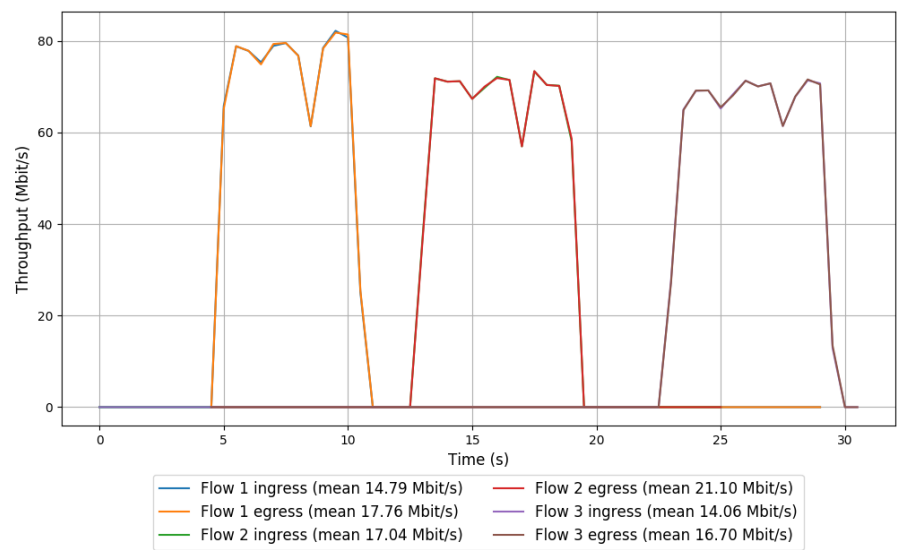
-- Flow 3:

Average throughput: 16.70 Mbit/s

95th percentile per-packet one-way delay: 4.058 ms

Loss rate: 0.00%

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



Run 6: Statistics of QUIC Cubic (toy)

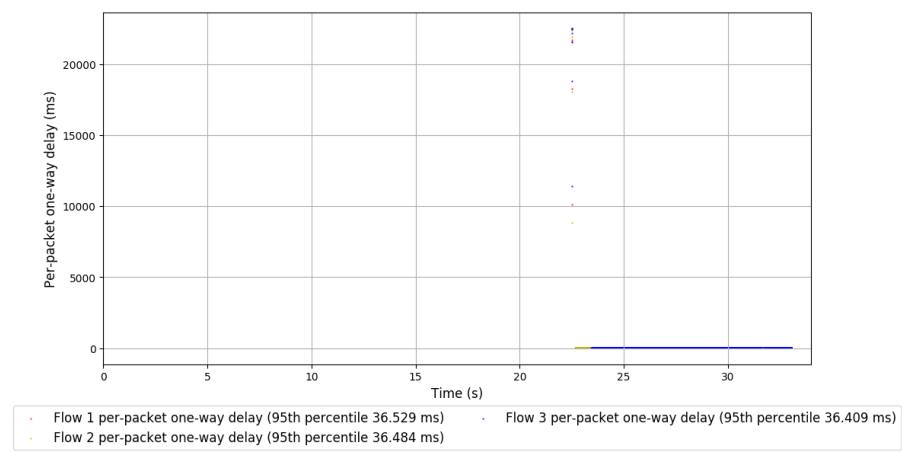
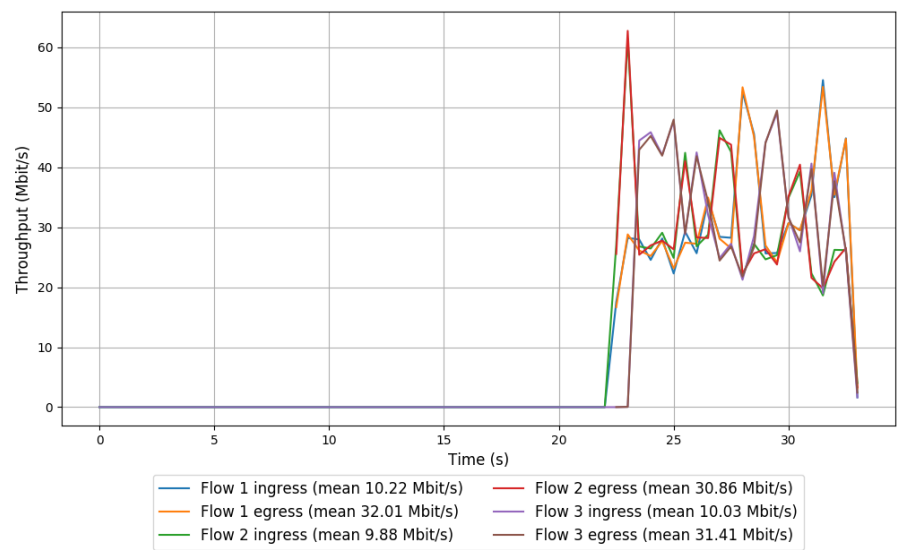
Start at: Sat, 01 Jul 2017 13:34:56 +0000

End at: Sat, 01 Jul 2017 13:35:26 +0000

Local clock offset: -2.05 ms

Remote clock offset: -0.203 ms

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



Run 7: Statistics of QUIC Cubic (toy)

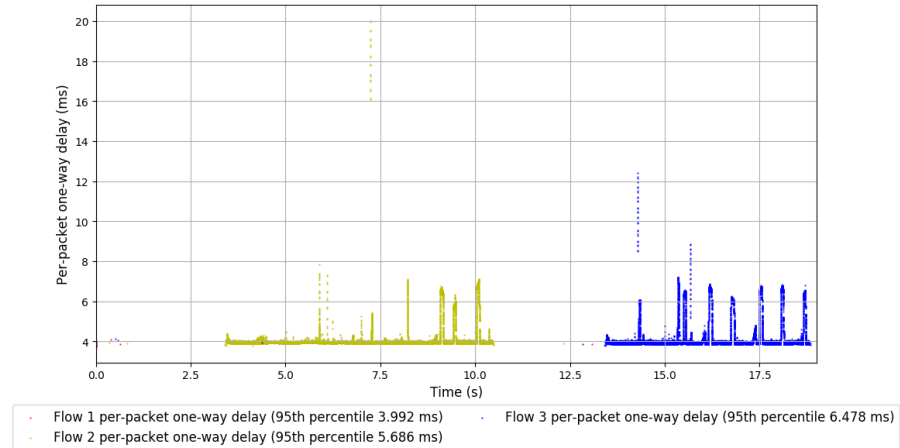
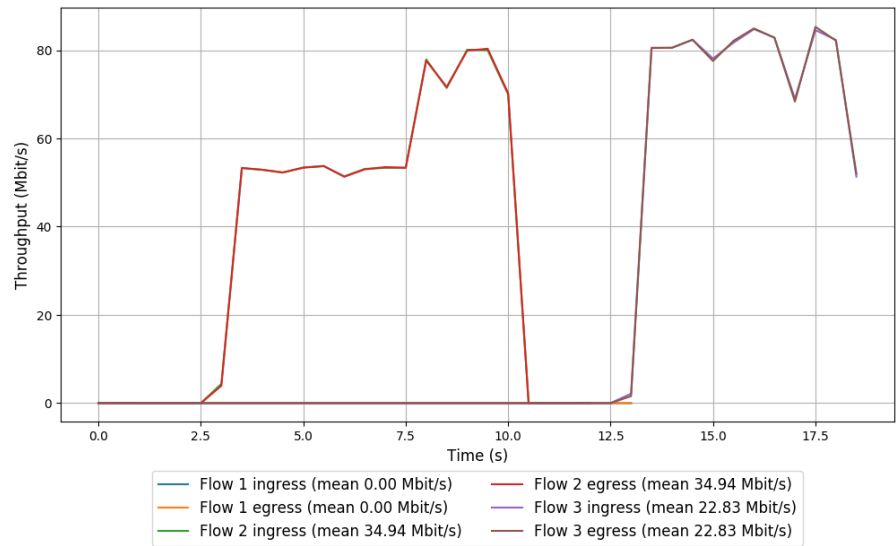
Start at: Sat, 01 Jul 2017 13:52:10 +0000

End at: Sat, 01 Jul 2017 13:52:41 +0000

Local clock offset: -2.217 ms

Remote clock offset: -0.392 ms

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



Run 8: Statistics of QUIC Cubic (toy)

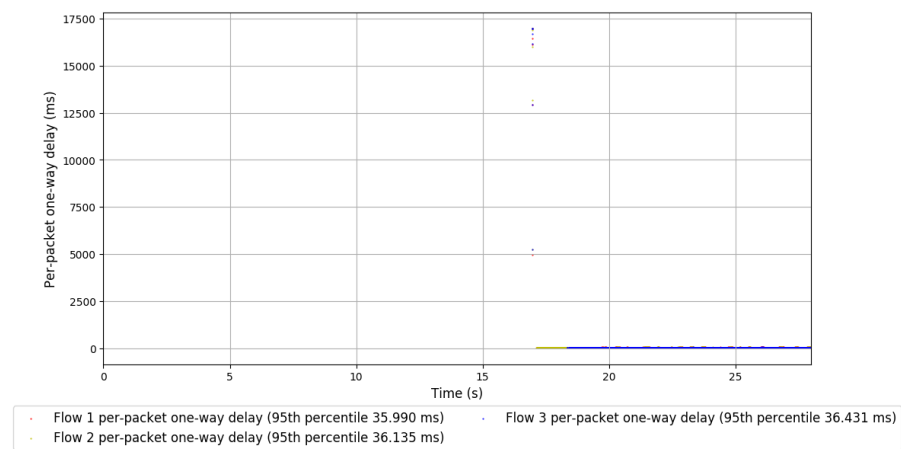
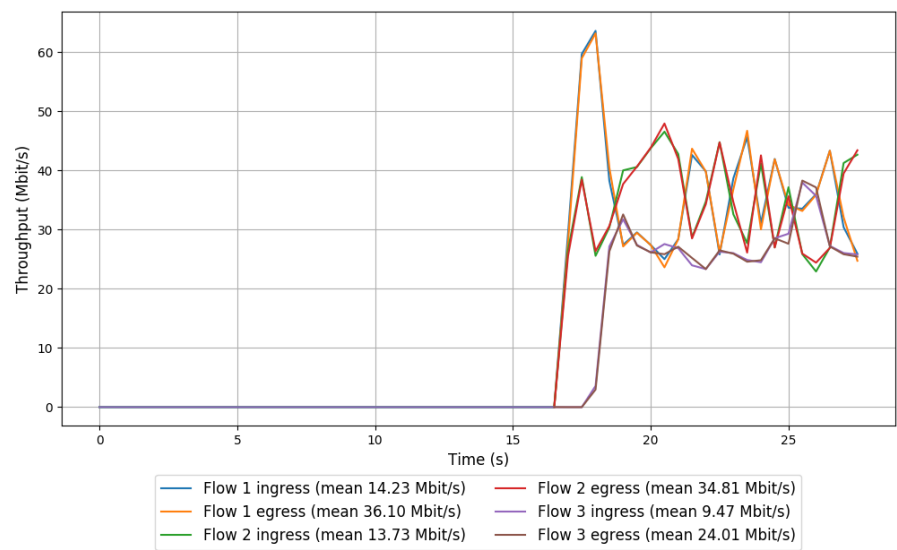
Start at: Sat, 01 Jul 2017 14:09:21 +0000

End at: Sat, 01 Jul 2017 14:09:51 +0000

Local clock offset: -2.234 ms

Remote clock offset: -0.667 ms

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



Run 9: Statistics of QUIC Cubic (toy)

Start at: Sat, 01 Jul 2017 14:26:29 +0000

End at: Sat, 01 Jul 2017 14:26:59 +0000

Local clock offset: -2.008 ms

Remote clock offset: -0.817 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:36:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 43.30 Mbit/s

95th percentile per-packet one-way delay: 4.786 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 15.80 Mbit/s

95th percentile per-packet one-way delay: 3.829 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 14.44 Mbit/s

95th percentile per-packet one-way delay: 4.735 ms

Loss rate: 0.00%

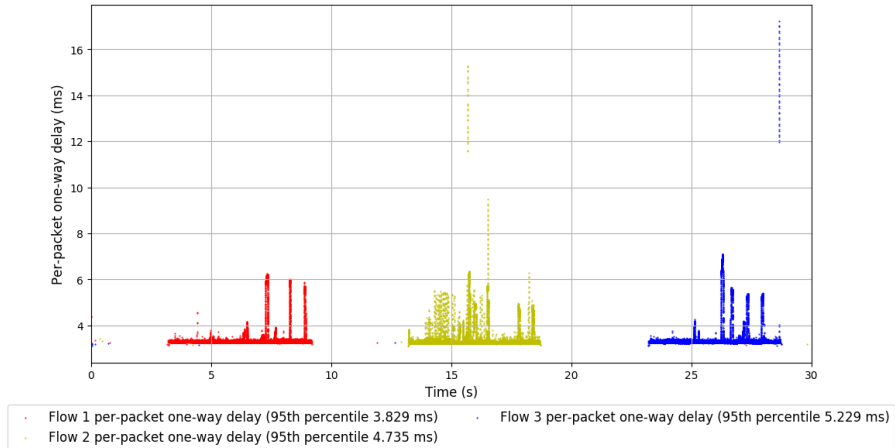
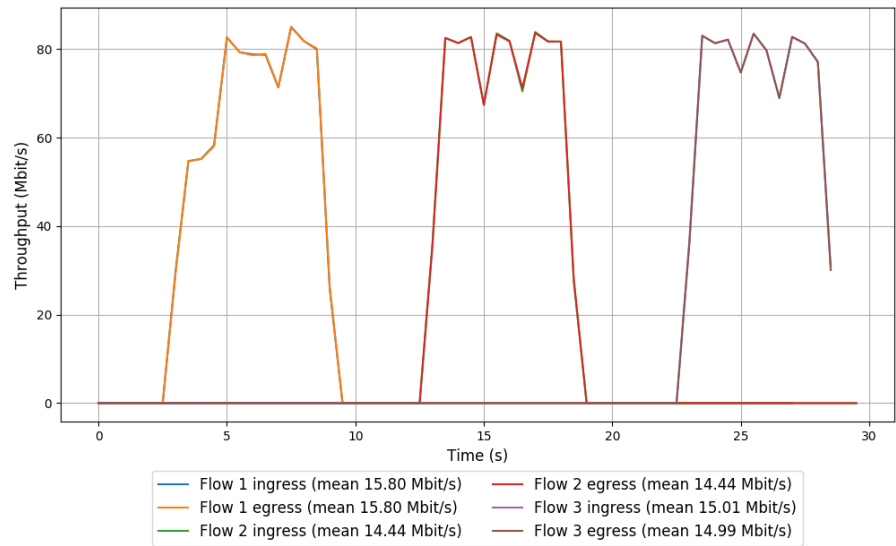
-- Flow 3:

Average throughput: 14.99 Mbit/s

95th percentile per-packet one-way delay: 5.229 ms

Loss rate: 0.16%

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



Run 10: Statistics of QUIC Cubic (toy)

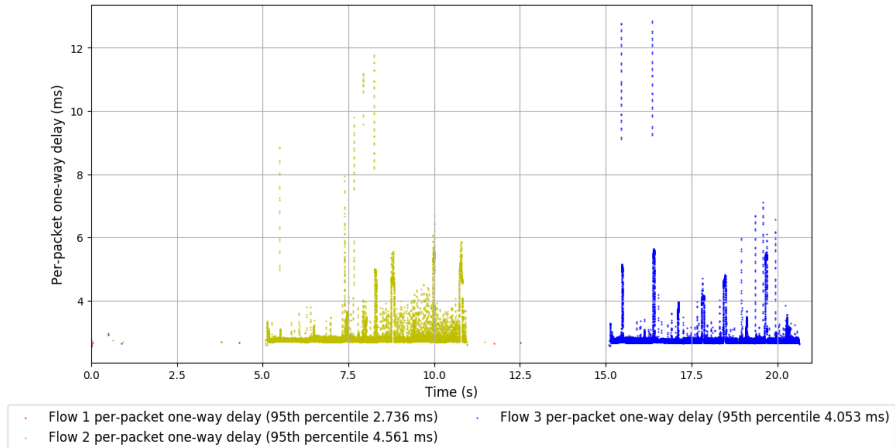
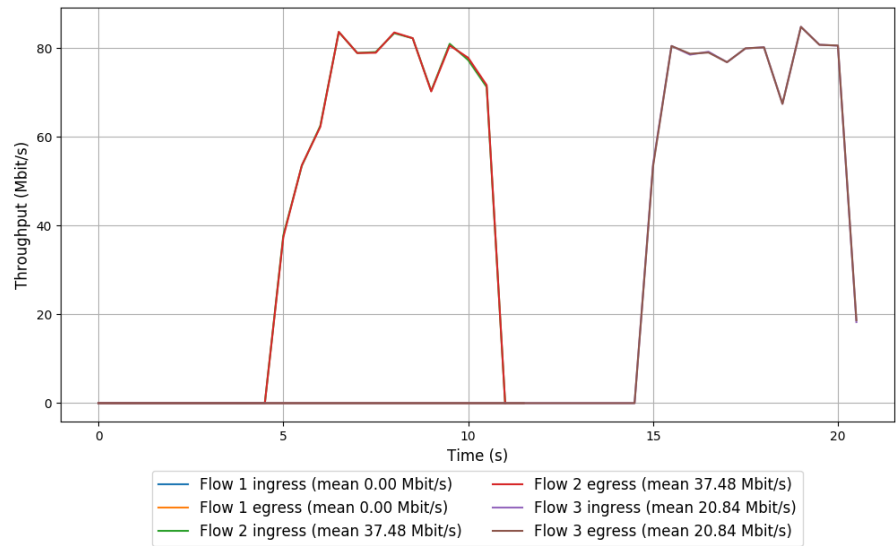
Start at: Sat, 01 Jul 2017 14:43:47 +0000

End at: Sat, 01 Jul 2017 14:44:17 +0000

Local clock offset: -1.743 ms

Remote clock offset: -1.136 ms

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



Run 1: Statistics of Saturator

Start at: Sat, 01 Jul 2017 12:11:13 +0000

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

Local clock offset: -1.204 ms

Remote clock offset: 0.121 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:36:57 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.20 Mbit/s

95th percentile per-packet one-way delay: 26.984 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 58.90 Mbit/s

95th percentile per-packet one-way delay: 26.949 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 29.33 Mbit/s

95th percentile per-packet one-way delay: 27.264 ms

Loss rate: 0.42%

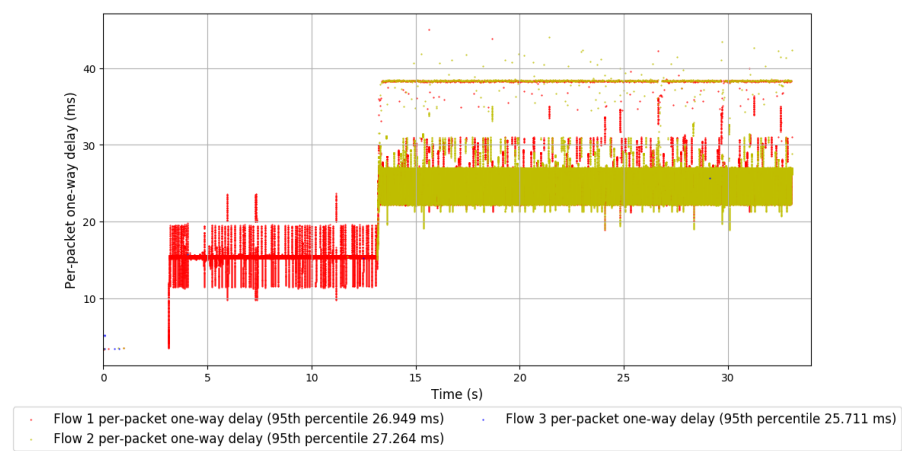
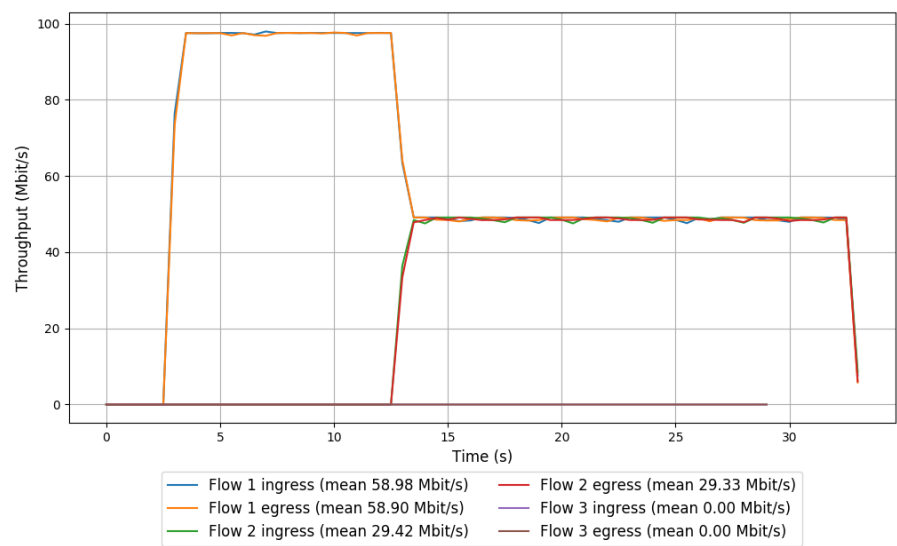
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 25.711 ms

Loss rate: 0.00%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sat, 01 Jul 2017 12:28:24 +0000

End at: Sat, 01 Jul 2017 12:28:54 +0000

Local clock offset: -1.959 ms

Remote clock offset: 0.195 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:36:59 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.26 Mbit/s

95th percentile per-packet one-way delay: 27.649 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 58.96 Mbit/s

95th percentile per-packet one-way delay: 27.639 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 27.660 ms

Loss rate: 0.32%

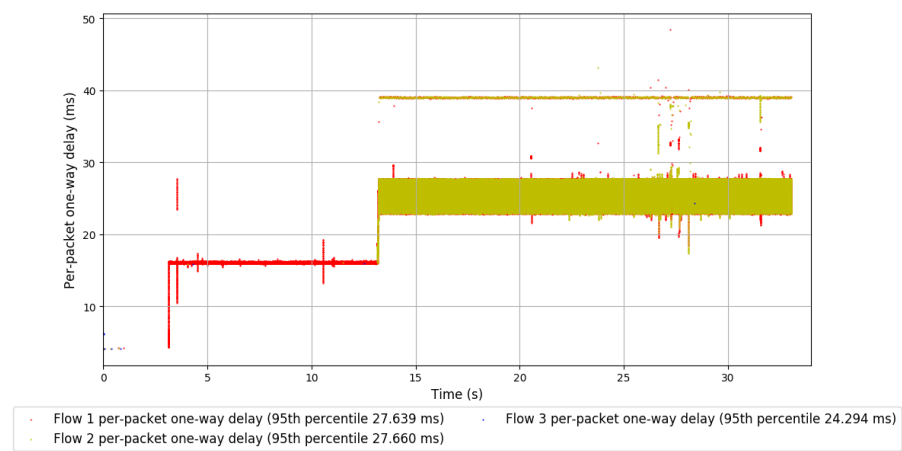
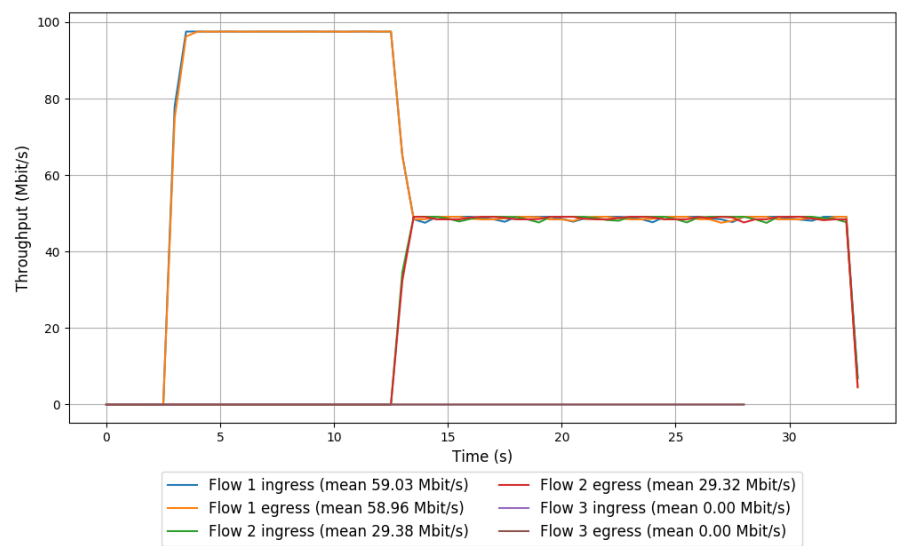
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 24.294 ms

Loss rate: 0.00%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sat, 01 Jul 2017 12:45:39 +0000

End at: Sat, 01 Jul 2017 12:46:09 +0000

Local clock offset: -1.771 ms

Remote clock offset: 0.164 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:37:43 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.27 Mbit/s

95th percentile per-packet one-way delay: 27.510 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 58.94 Mbit/s

95th percentile per-packet one-way delay: 27.499 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 29.34 Mbit/s

95th percentile per-packet one-way delay: 27.522 ms

Loss rate: 0.32%

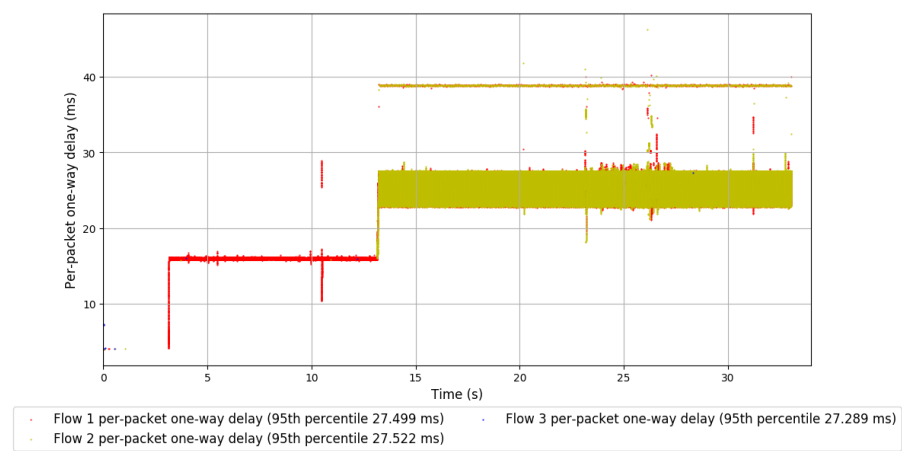
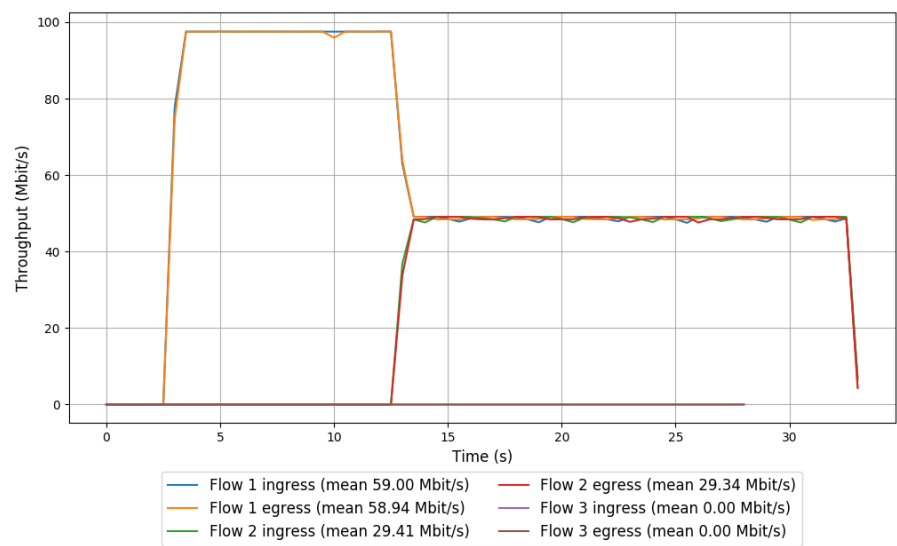
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 27.289 ms

Loss rate: 0.00%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sat, 01 Jul 2017 13:02:50 +0000

End at: Sat, 01 Jul 2017 13:03:20 +0000

Local clock offset: -1.739 ms

Remote clock offset: -0.101 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:37:46 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.28 Mbit/s

95th percentile per-packet one-way delay: 27.167 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 58.94 Mbit/s

95th percentile per-packet one-way delay: 27.139 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 29.35 Mbit/s

95th percentile per-packet one-way delay: 27.194 ms

Loss rate: 0.28%

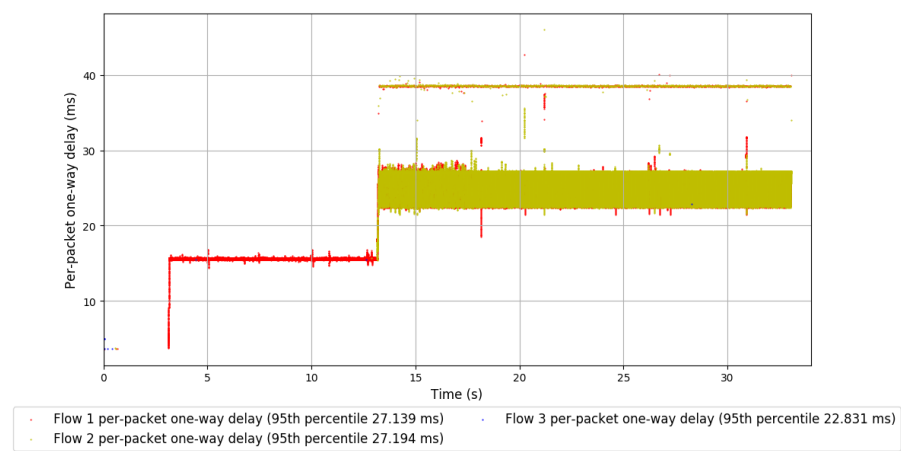
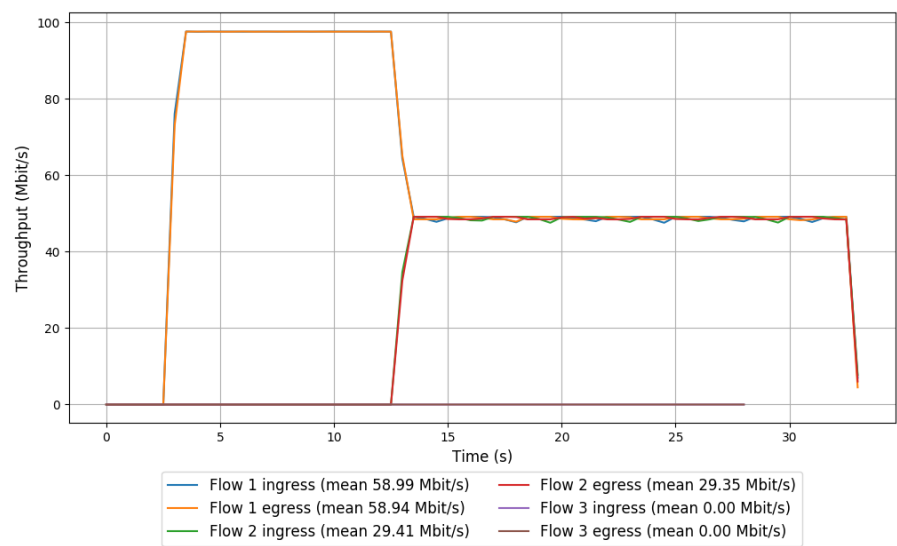
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 22.831 ms

Loss rate: 0.00%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sat, 01 Jul 2017 13:20:01 +0000

End at: Sat, 01 Jul 2017 13:20:31 +0000

Local clock offset: -1.854 ms

Remote clock offset: -0.223 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:38:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.15 Mbit/s

95th percentile per-packet one-way delay: 27.224 ms

Loss rate: 0.38%

-- Flow 1:

Average throughput: 58.82 Mbit/s

95th percentile per-packet one-way delay: 27.227 ms

Loss rate: 0.43%

-- Flow 2:

Average throughput: 29.34 Mbit/s

95th percentile per-packet one-way delay: 27.221 ms

Loss rate: 0.28%

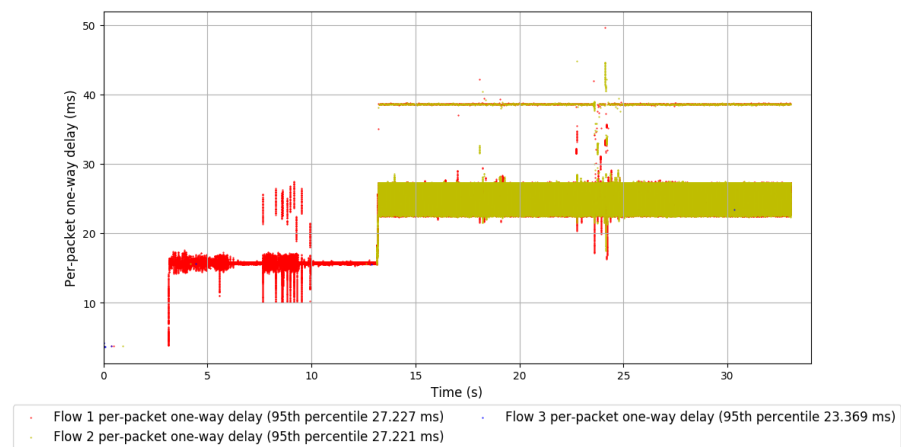
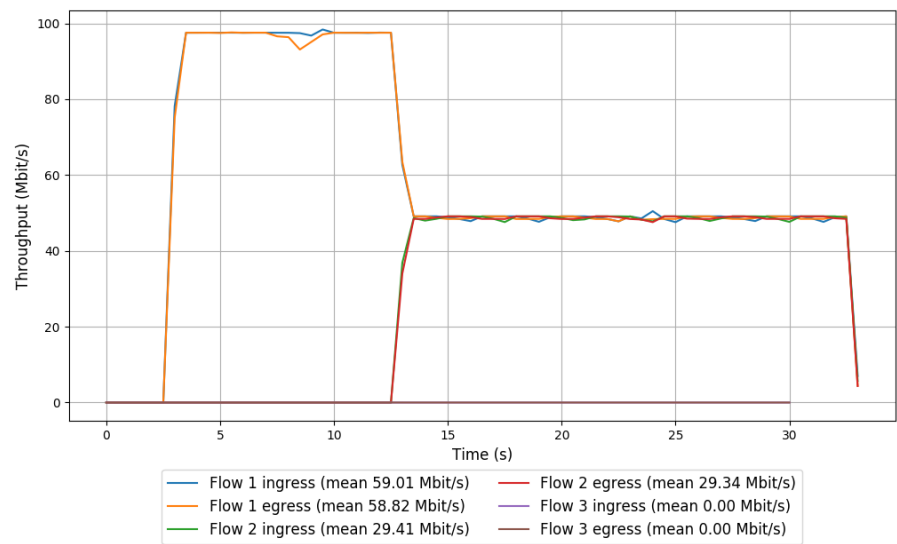
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.369 ms

Loss rate: 0.00%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sat, 01 Jul 2017 13:37:11 +0000

End at: Sat, 01 Jul 2017 13:37:41 +0000

Local clock offset: -2.054 ms

Remote clock offset: -0.231 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:38:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.29 Mbit/s

95th percentile per-packet one-way delay: 27.413 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 59.00 Mbit/s

95th percentile per-packet one-way delay: 27.402 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 27.425 ms

Loss rate: 0.33%

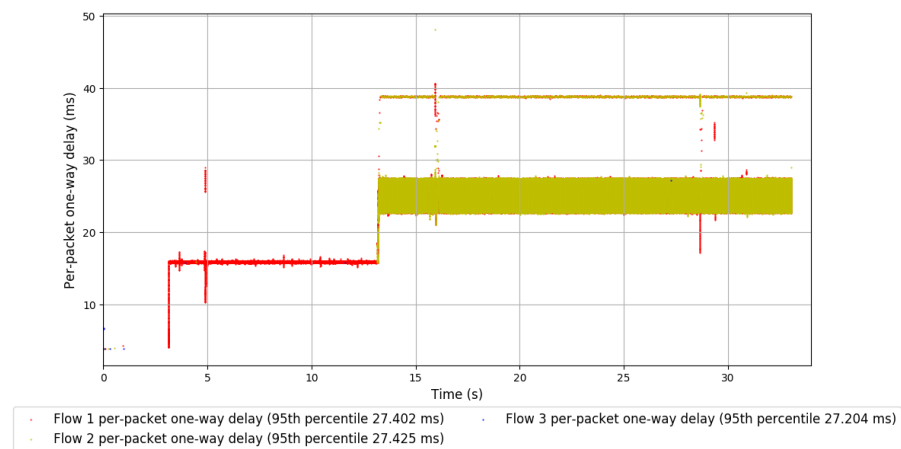
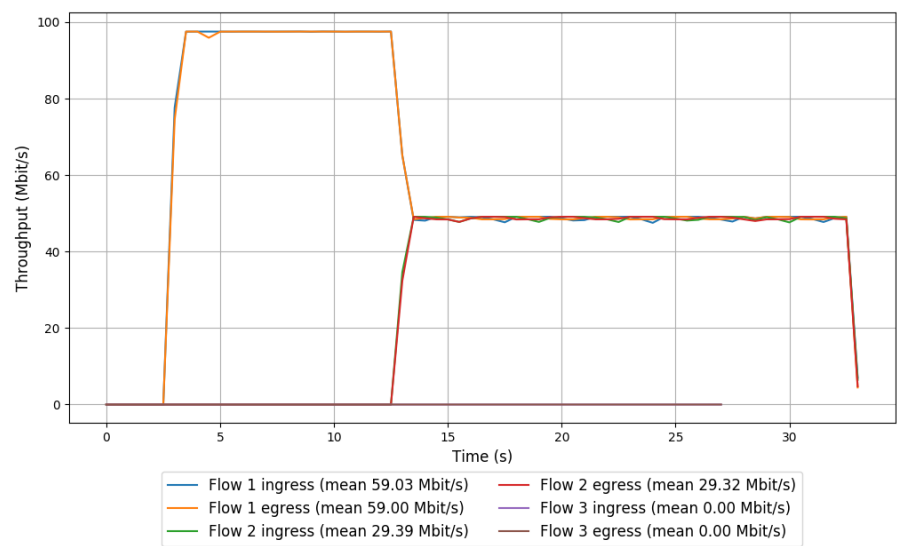
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 27.204 ms

Loss rate: 0.00%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sat, 01 Jul 2017 13:54:25 +0000

End at: Sat, 01 Jul 2017 13:54:55 +0000

Local clock offset: -2.197 ms

Remote clock offset: -0.495 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:39:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 27.315 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 58.83 Mbit/s

95th percentile per-packet one-way delay: 27.287 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 29.38 Mbit/s

95th percentile per-packet one-way delay: 27.341 ms

Loss rate: 0.25%

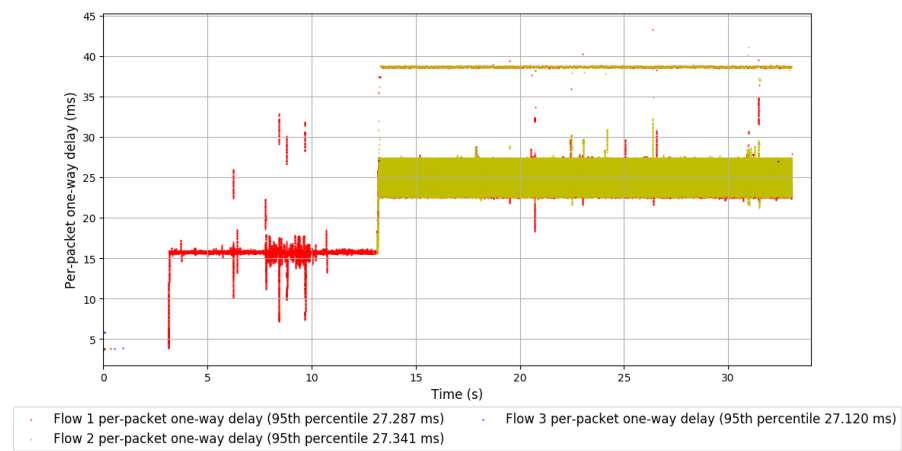
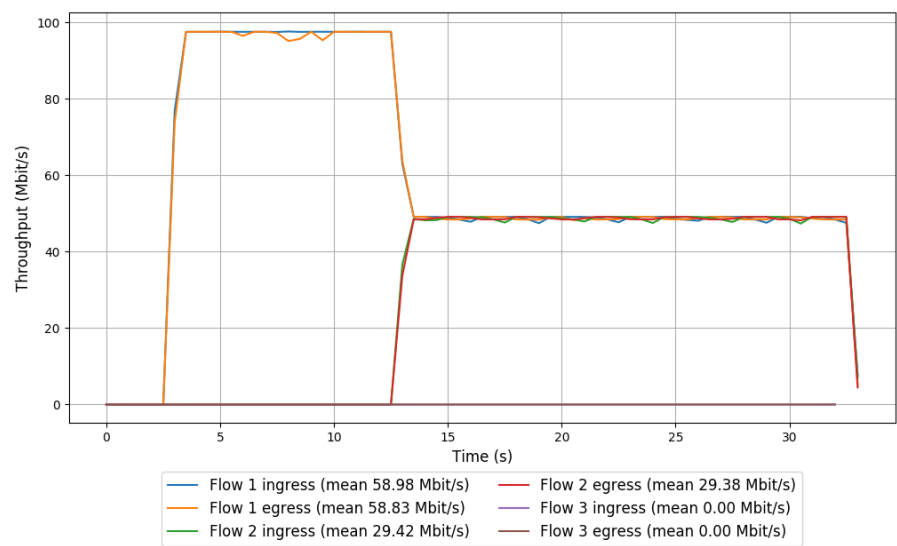
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 27.120 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

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

End at: Sat, 01 Jul 2017 14:12:06 +0000

Local clock offset: -2.15 ms

Remote clock offset: -0.588 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:39:19 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 27.047 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 58.92 Mbit/s

95th percentile per-packet one-way delay: 27.048 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 29.32 Mbit/s

95th percentile per-packet one-way delay: 27.047 ms

Loss rate: 0.42%

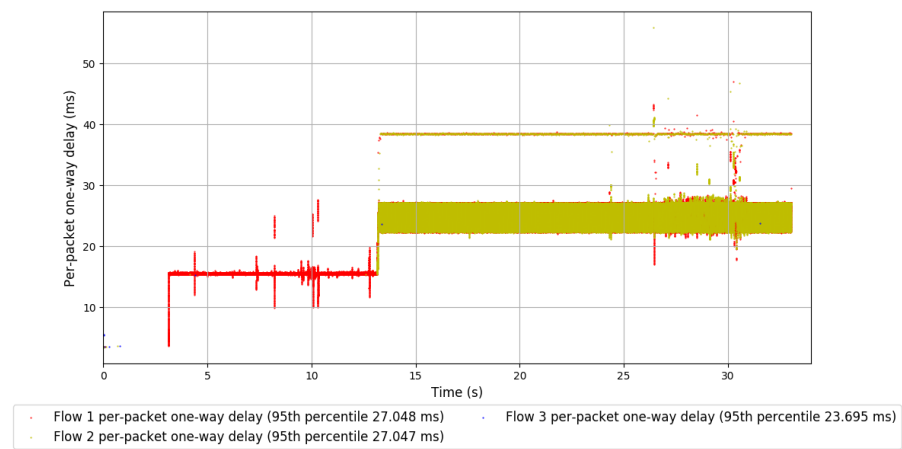
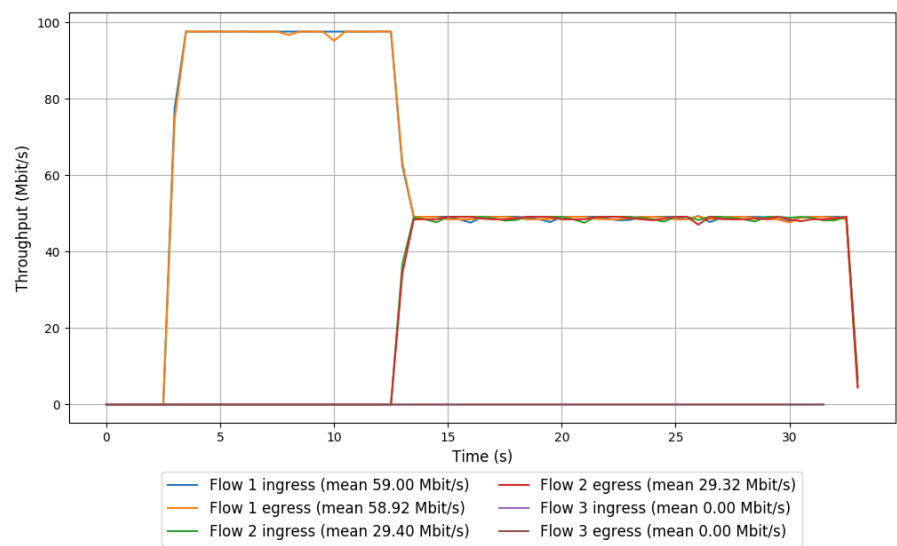
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.695 ms

Loss rate: 0.00%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Sat, 01 Jul 2017 14:28:44 +0000

End at: Sat, 01 Jul 2017 14:29:14 +0000

Local clock offset: -1.881 ms

Remote clock offset: -0.798 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:03 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.30 Mbit/s

95th percentile per-packet one-way delay: 26.634 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 58.94 Mbit/s

95th percentile per-packet one-way delay: 26.635 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 29.38 Mbit/s

95th percentile per-packet one-way delay: 26.632 ms

Loss rate: 0.27%

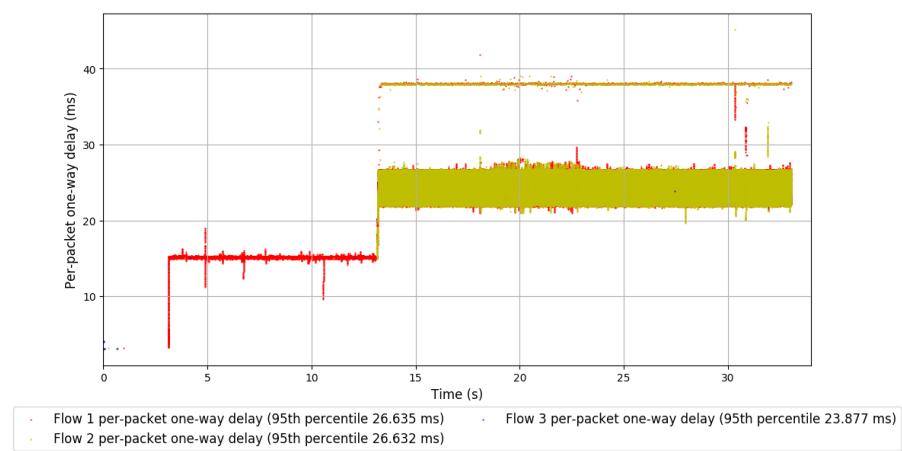
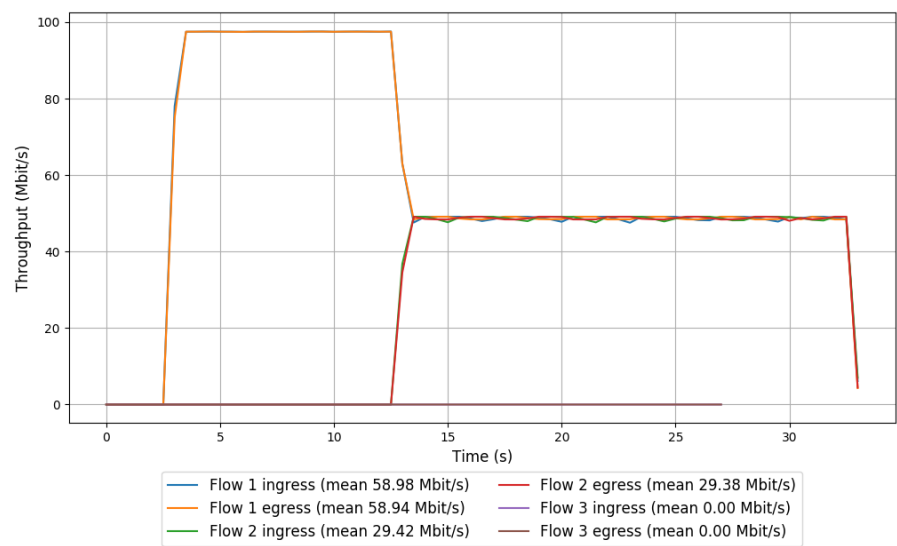
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 23.877 ms

Loss rate: 0.00%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sat, 01 Jul 2017 14:46:01 +0000

End at: Sat, 01 Jul 2017 14:46:31 +0000

Local clock offset: -1.681 ms

Remote clock offset: -1.084 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 26.079 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 58.88 Mbit/s

95th percentile per-packet one-way delay: 26.053 ms

Loss rate: 0.26%

-- Flow 2:

Average throughput: 29.33 Mbit/s

95th percentile per-packet one-way delay: 26.105 ms

Loss rate: 0.31%

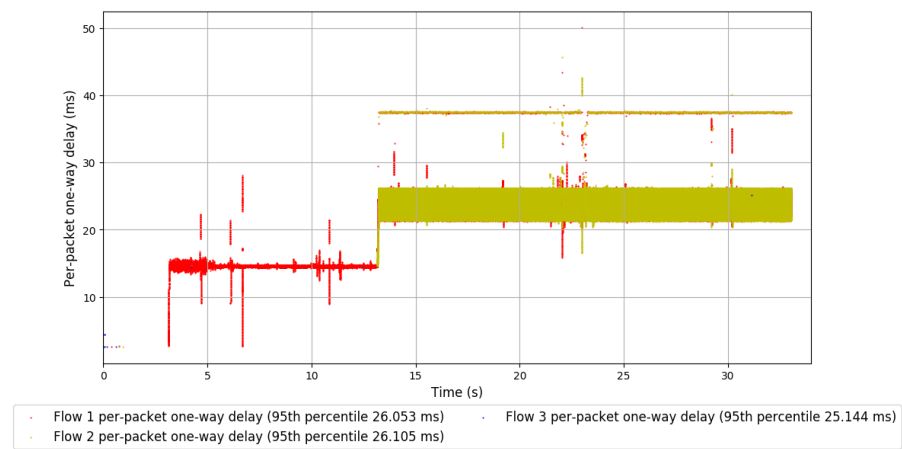
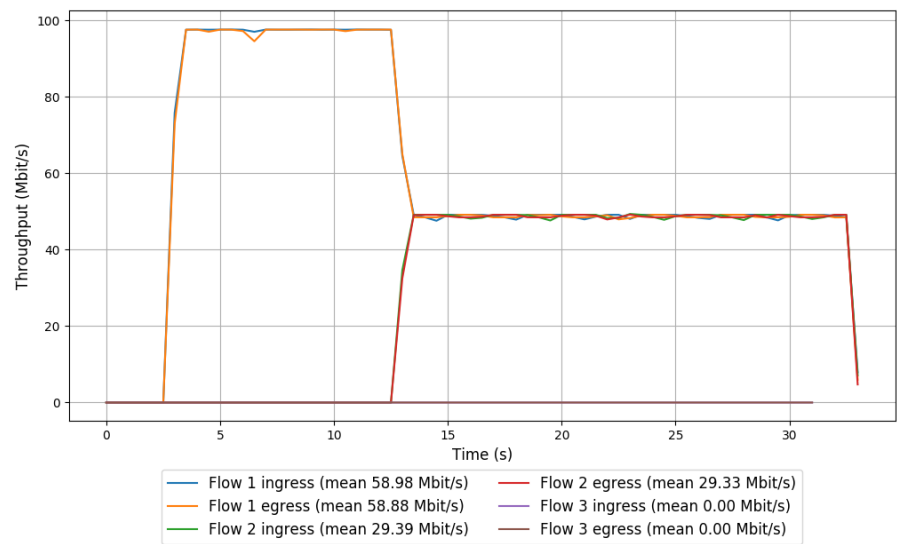
-- Flow 3:

Average throughput: 0.00 Mbit/s

95th percentile per-packet one-way delay: 25.144 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 12:05:33 +0000

End at: Sat, 01 Jul 2017 12:06:03 +0000

Local clock offset: -0.894 ms

Remote clock offset: 0.115 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 3.311 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.316 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 3.301 ms

Loss rate: 0.20%

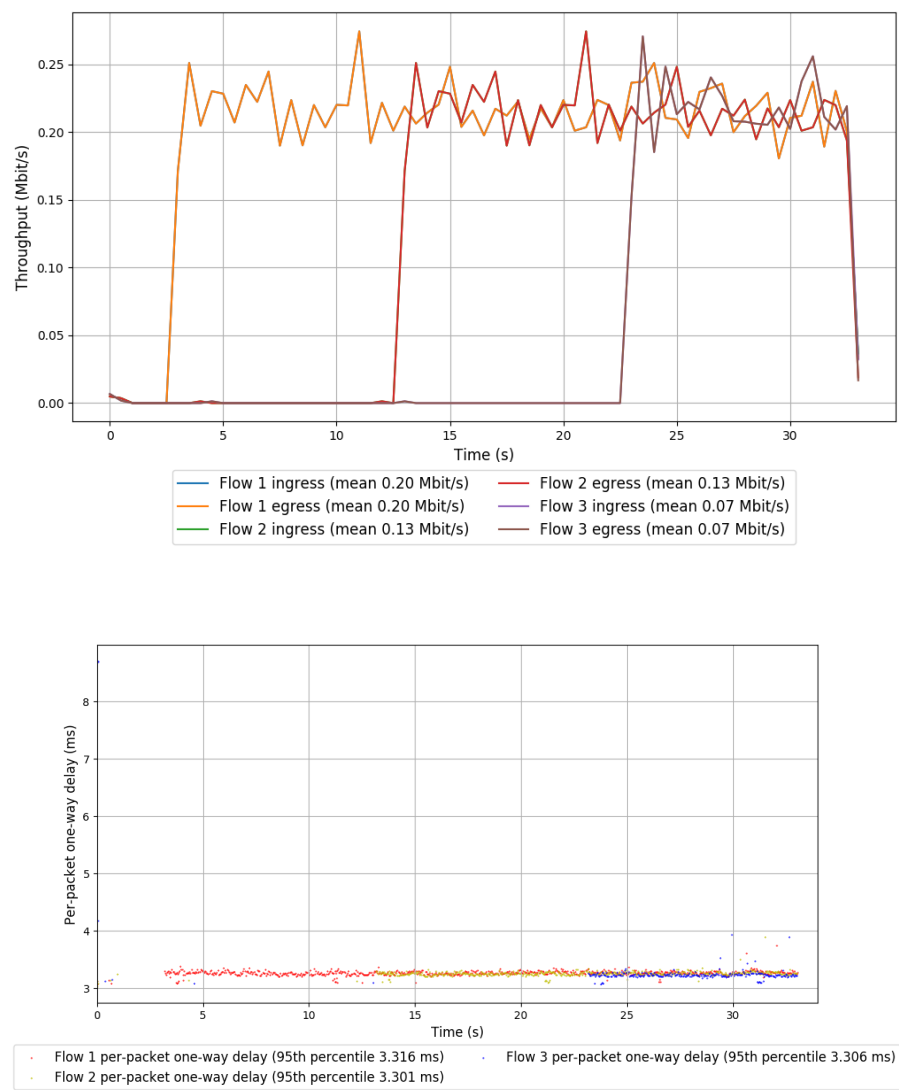
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 3.306 ms

Loss rate: 0.35%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 12:22:43 +0000

End at: Sat, 01 Jul 2017 12:23:13 +0000

Local clock offset: -1.72 ms

Remote clock offset: 0.149 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 4.145 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.133 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 4.152 ms

Loss rate: 0.00%

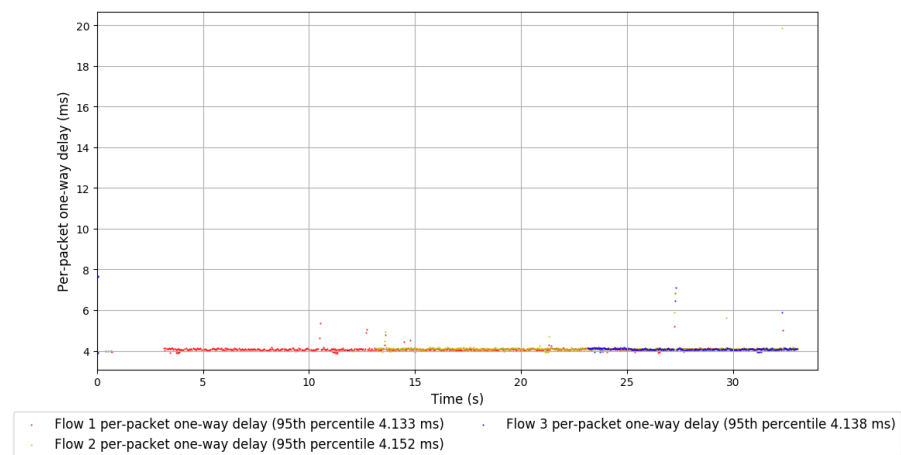
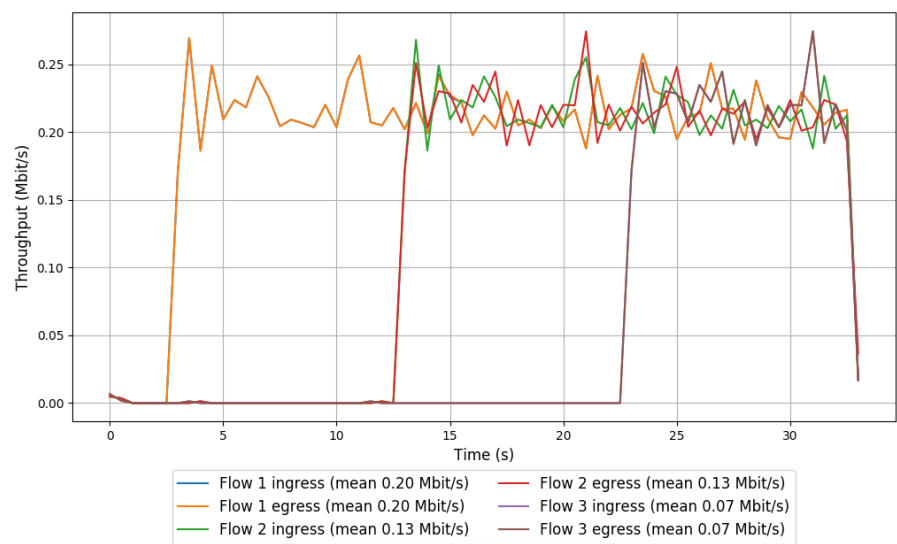
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 4.138 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 12:39:59 +0000

End at: Sat, 01 Jul 2017 12:40:29 +0000

Local clock offset: -1.931 ms

Remote clock offset: 0.202 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:14 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 4.338 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

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

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 4.316 ms

Loss rate: 0.00%

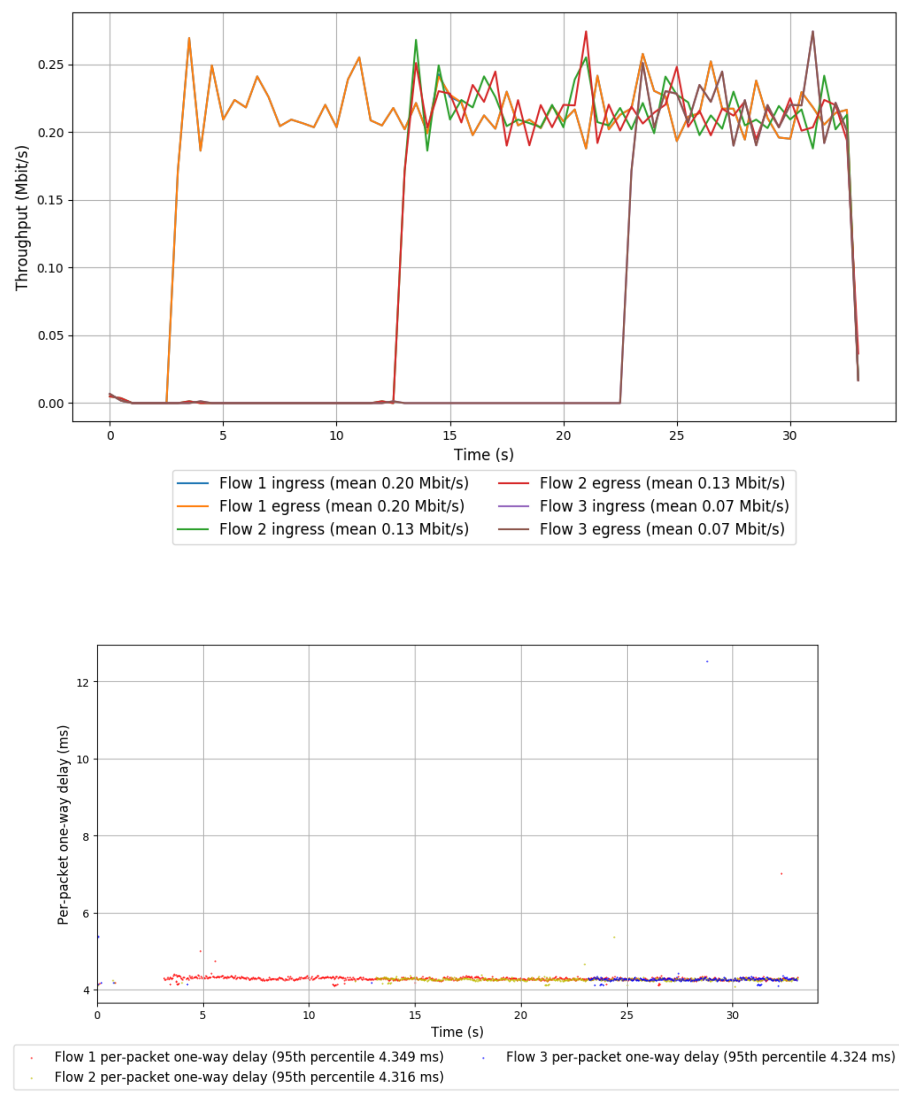
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 4.324 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 12:57:09 +0000

End at: Sat, 01 Jul 2017 12:57:39 +0000

Local clock offset: -1.788 ms

Remote clock offset: -0.099 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:17 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 3.919 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.923 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 3.914 ms

Loss rate: 0.00%

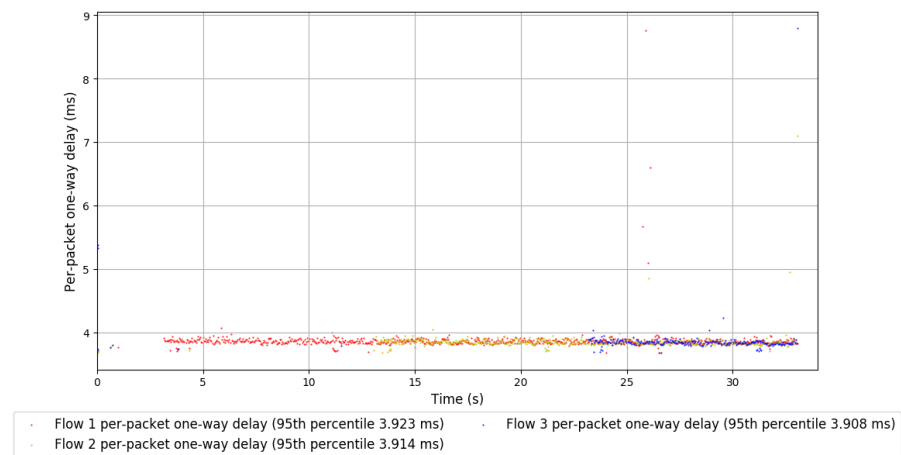
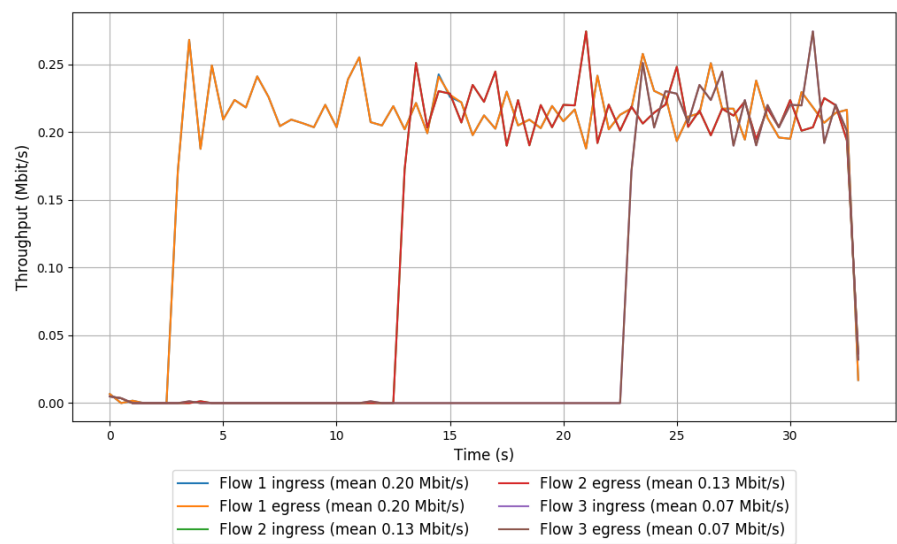
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 3.908 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 13:14:20 +0000

End at: Sat, 01 Jul 2017 13:14:50 +0000

Local clock offset: -1.778 ms

Remote clock offset: -0.148 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 3.832 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.844 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 3.793 ms

Loss rate: 0.00%

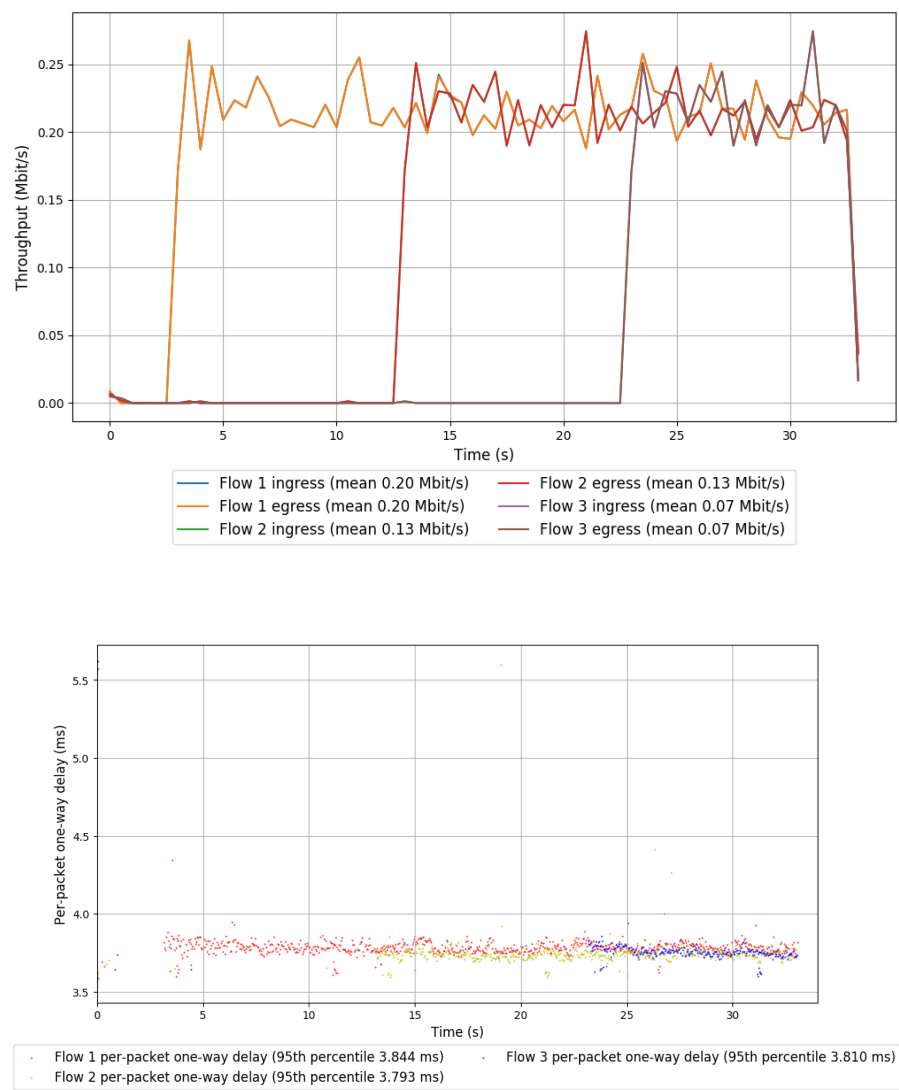
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 3.810 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 13:31:31 +0000

End at: Sat, 01 Jul 2017 13:32:01 +0000

Local clock offset: -2.057 ms

Remote clock offset: -0.139 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 3.988 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.993 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 3.985 ms

Loss rate: 0.00%

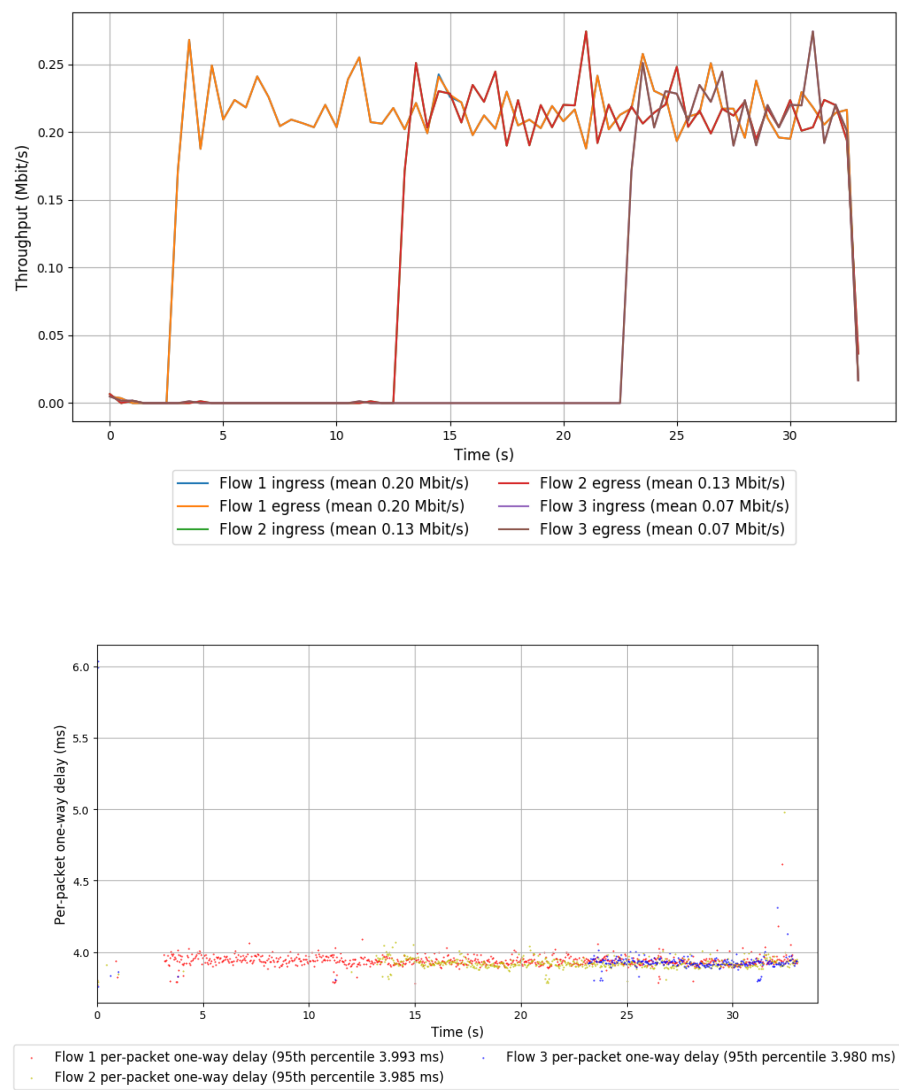
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 3.980 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 13:48:45 +0000

End at: Sat, 01 Jul 2017 13:49:15 +0000

Local clock offset: -2.2 ms

Remote clock offset: -0.321 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 4.038 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 4.038 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 4.012 ms

Loss rate: 0.00%

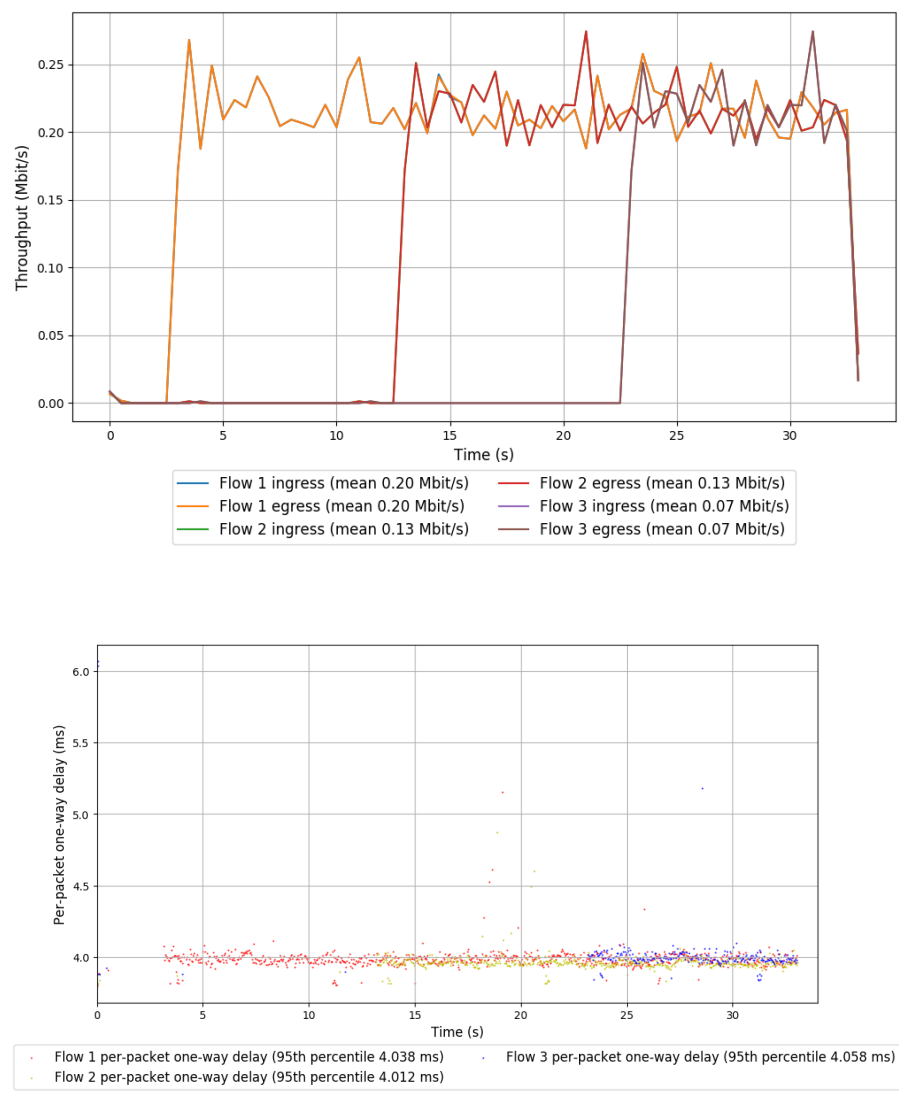
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 4.058 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 14:05:56 +0000

End at: Sat, 01 Jul 2017 14:06:26 +0000

Local clock offset: -2.168 ms

Remote clock offset: -0.611 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:27 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 3.825 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.833 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 3.797 ms

Loss rate: 0.00%

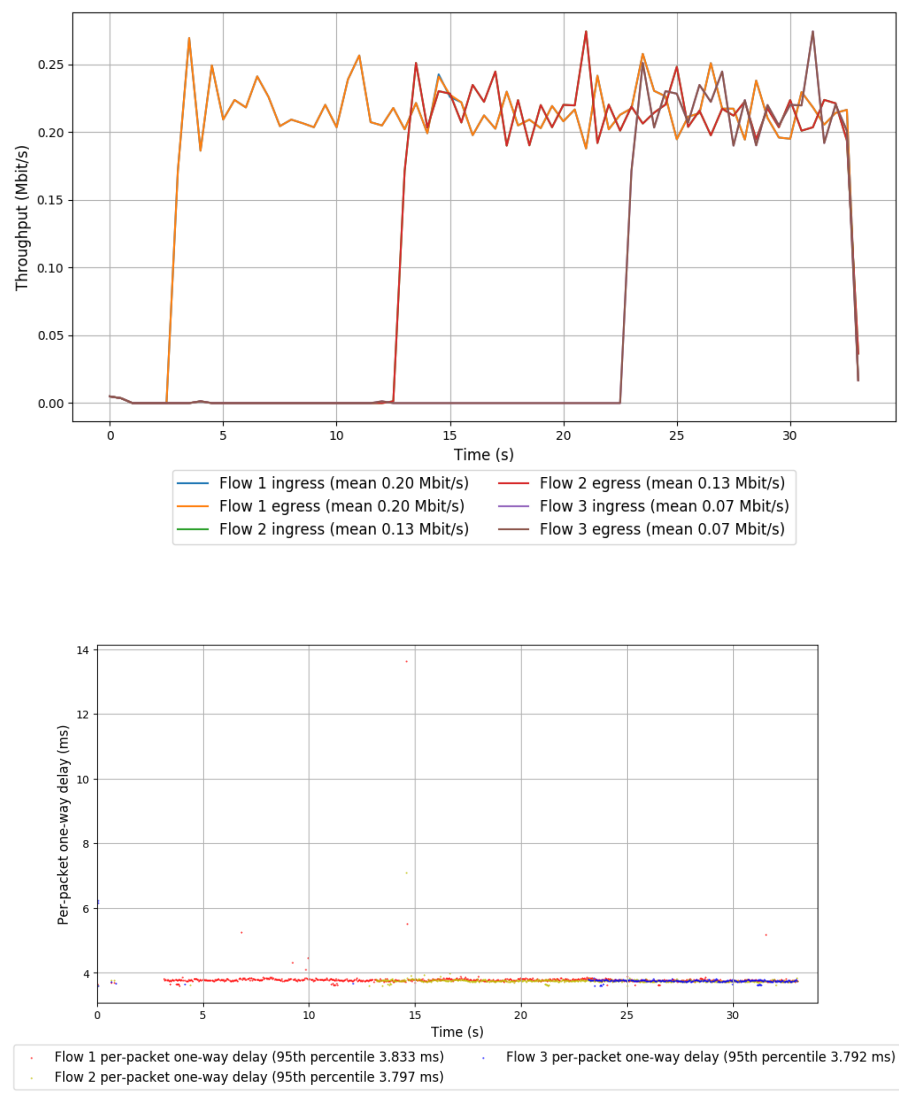
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 3.792 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 14:23:03 +0000

End at: Sat, 01 Jul 2017 14:23:33 +0000

Local clock offset: -2.02 ms

Remote clock offset: -0.82 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 3.473 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.473 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 3.472 ms

Loss rate: 0.00%

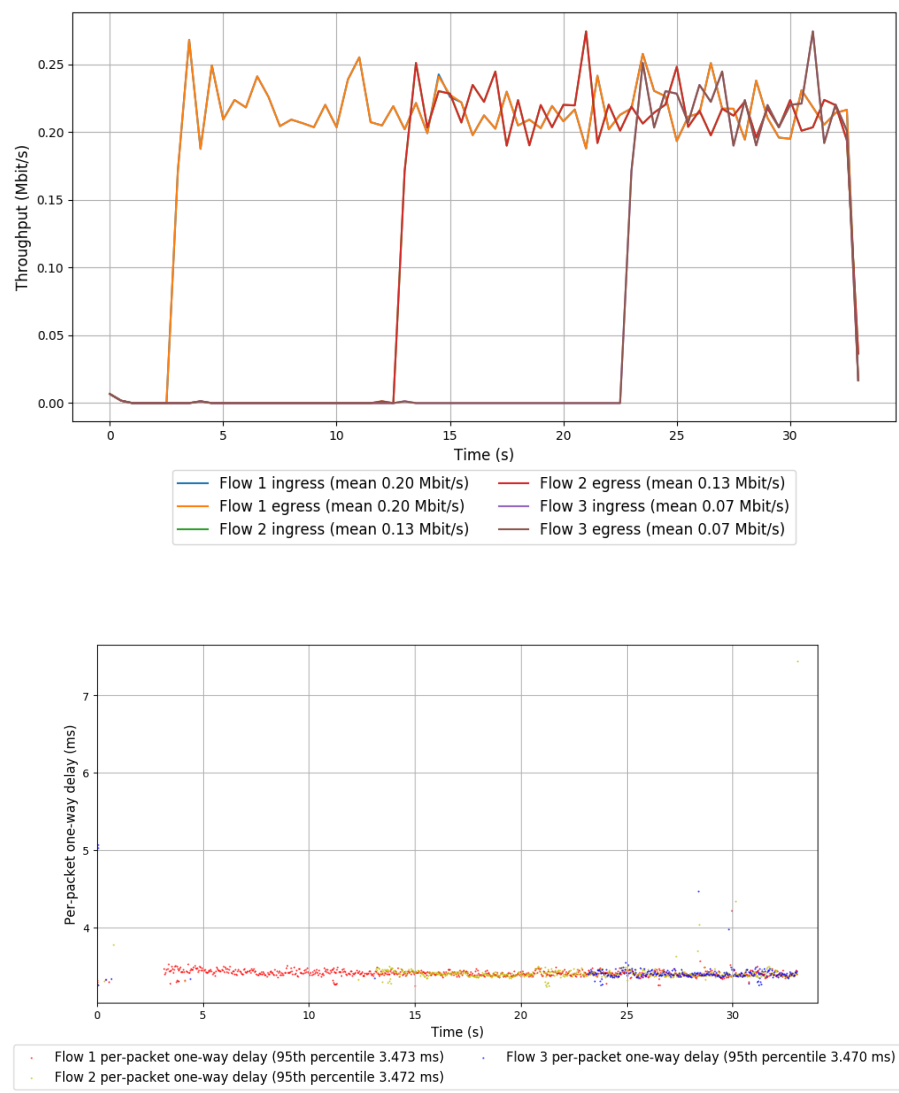
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 3.470 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Sat, 01 Jul 2017 14:40:21 +0000

End at: Sat, 01 Jul 2017 14:40:51 +0000

Local clock offset: -1.76 ms

Remote clock offset: -1.099 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:40:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 2.920 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 2.928 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 2.900 ms

Loss rate: 0.00%

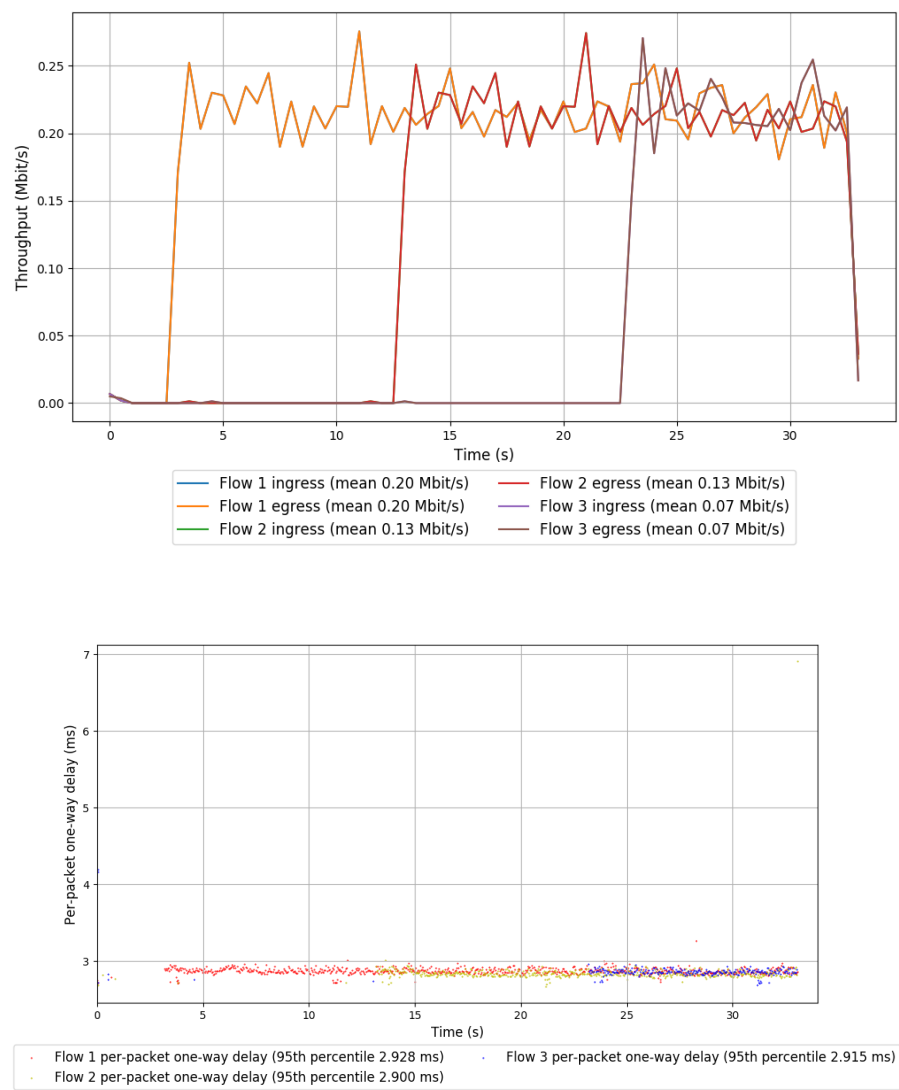
-- Flow 3:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 2.915 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sat, 01 Jul 2017 11:57:30 +0000

End at: Sat, 01 Jul 2017 11:58:00 +0000

Local clock offset: -0.642 ms

Remote clock offset: 0.08 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:41:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.20 Mbit/s

95th percentile per-packet one-way delay: 23.077 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 38.45 Mbit/s

95th percentile per-packet one-way delay: 21.029 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 22.75 Mbit/s

95th percentile per-packet one-way delay: 22.725 ms

Loss rate: 0.16%

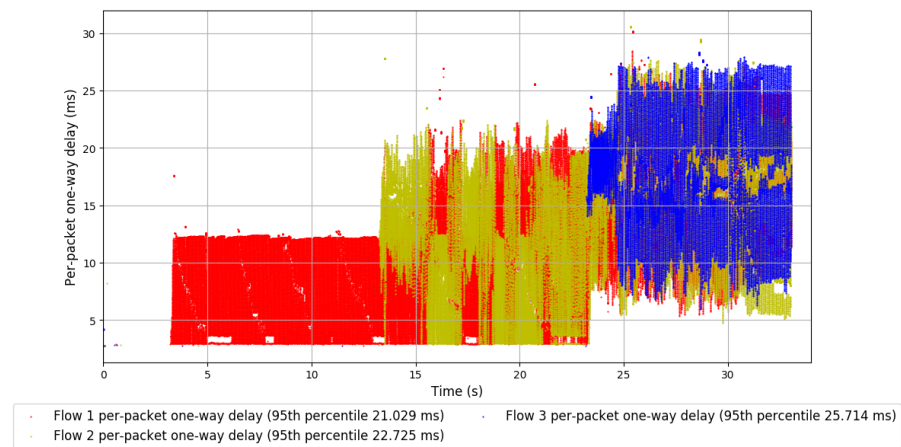
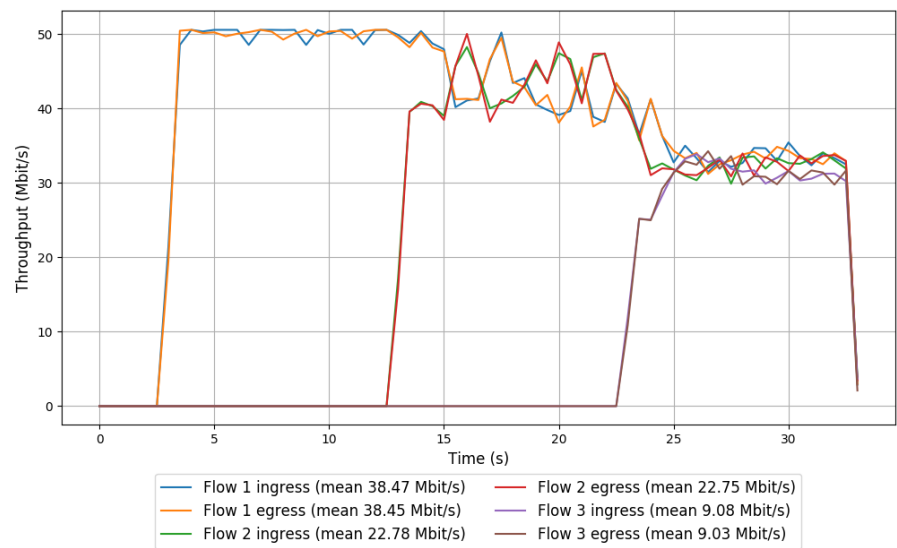
-- Flow 3:

Average throughput: 9.03 Mbit/s

95th percentile per-packet one-way delay: 25.714 ms

Loss rate: 0.48%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sat, 01 Jul 2017 12:14:43 +0000

End at: Sat, 01 Jul 2017 12:15:13 +0000

Local clock offset: -1.466 ms

Remote clock offset: 0.142 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:41:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.66 Mbit/s

95th percentile per-packet one-way delay: 21.471 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 38.45 Mbit/s

95th percentile per-packet one-way delay: 20.389 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 20.37 Mbit/s

95th percentile per-packet one-way delay: 22.077 ms

Loss rate: 0.09%

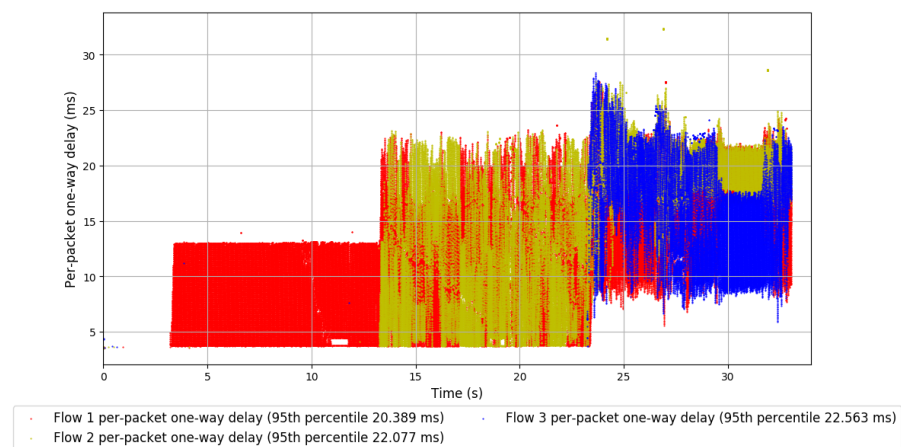
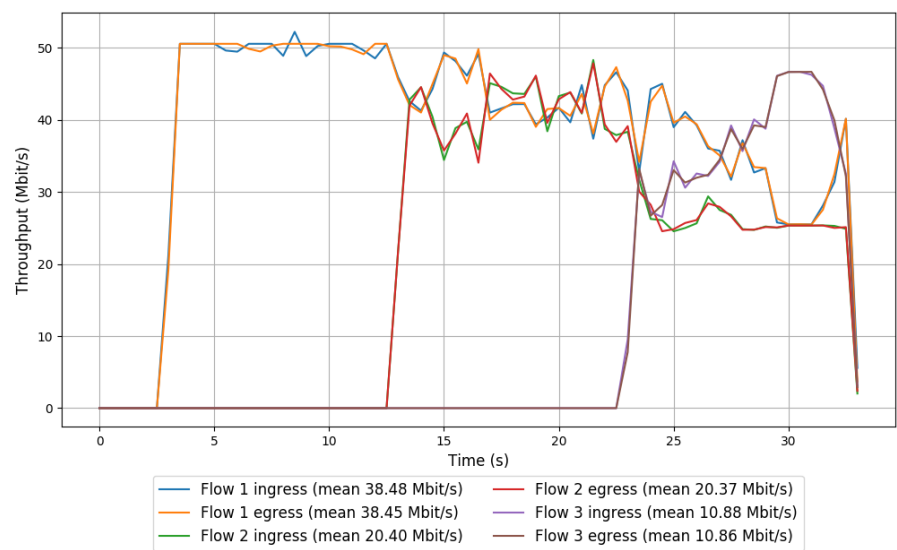
-- Flow 3:

Average throughput: 10.86 Mbit/s

95th percentile per-packet one-way delay: 22.563 ms

Loss rate: 0.20%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sat, 01 Jul 2017 12:31:54 +0000

End at: Sat, 01 Jul 2017 12:32:24 +0000

Local clock offset: -2.001 ms

Remote clock offset: 0.2 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:41:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.74 Mbit/s

95th percentile per-packet one-way delay: 24.232 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 37.79 Mbit/s

95th percentile per-packet one-way delay: 22.853 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 22.82 Mbit/s

95th percentile per-packet one-way delay: 23.535 ms

Loss rate: 0.00%

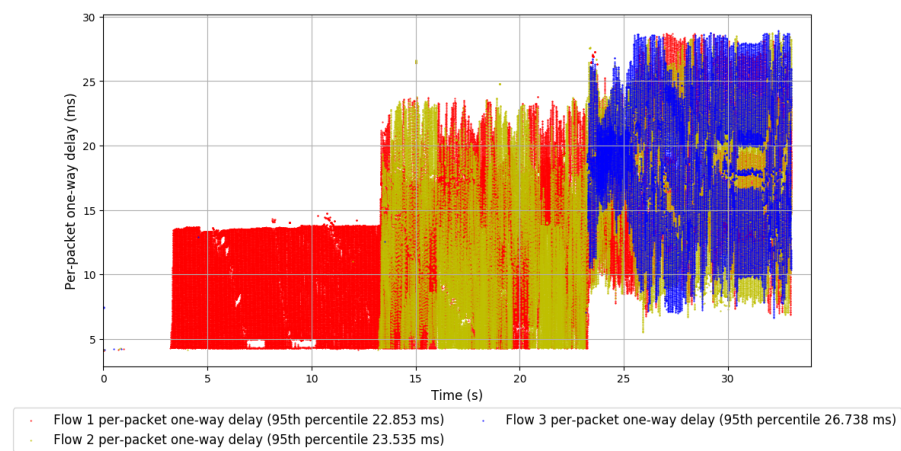
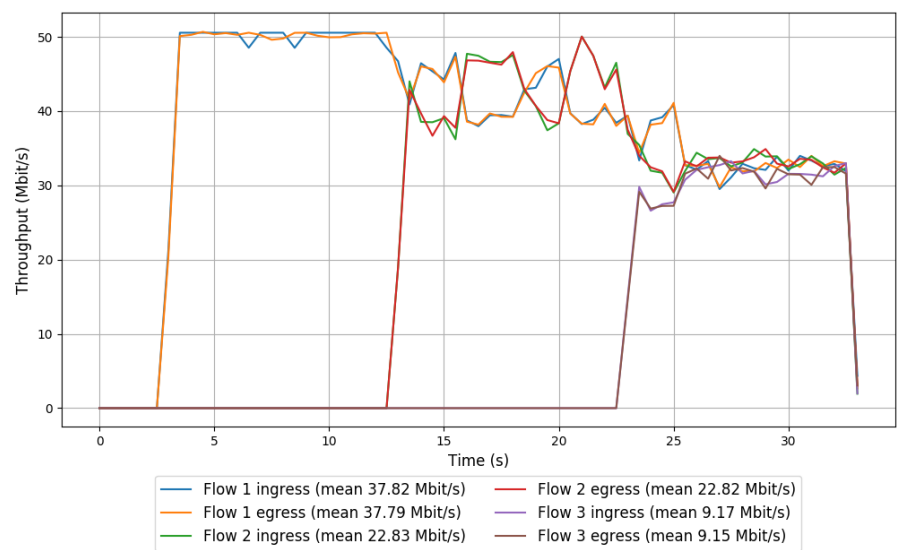
-- Flow 3:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 26.738 ms

Loss rate: 0.15%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sat, 01 Jul 2017 12:49:09 +0000

End at: Sat, 01 Jul 2017 12:49:39 +0000

Local clock offset: -1.749 ms

Remote clock offset: 0.152 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:41:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.87 Mbit/s

95th percentile per-packet one-way delay: 21.741 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 35.71 Mbit/s

95th percentile per-packet one-way delay: 21.601 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 23.60 Mbit/s

95th percentile per-packet one-way delay: 21.537 ms

Loss rate: 0.12%

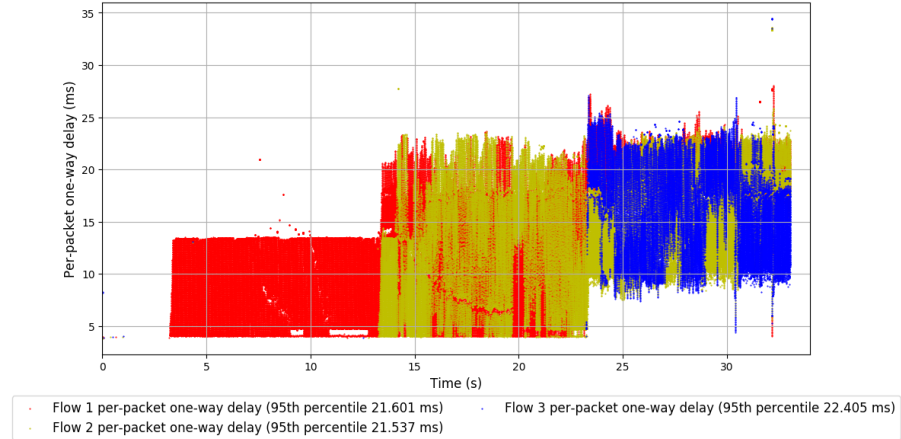
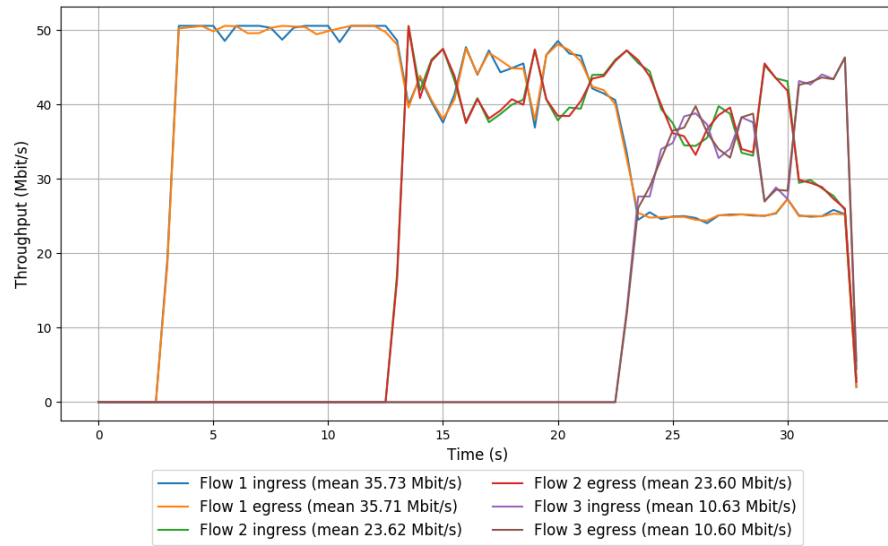
-- Flow 3:

Average throughput: 10.60 Mbit/s

95th percentile per-packet one-way delay: 22.405 ms

Loss rate: 0.25%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sat, 01 Jul 2017 13:06:19 +0000

End at: Sat, 01 Jul 2017 13:06:49 +0000

Local clock offset: -1.746 ms

Remote clock offset: -0.118 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:42:22 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.76 Mbit/s

95th percentile per-packet one-way delay: 22.603 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 37.89 Mbit/s

95th percentile per-packet one-way delay: 21.668 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 23.63 Mbit/s

95th percentile per-packet one-way delay: 21.751 ms

Loss rate: 0.03%

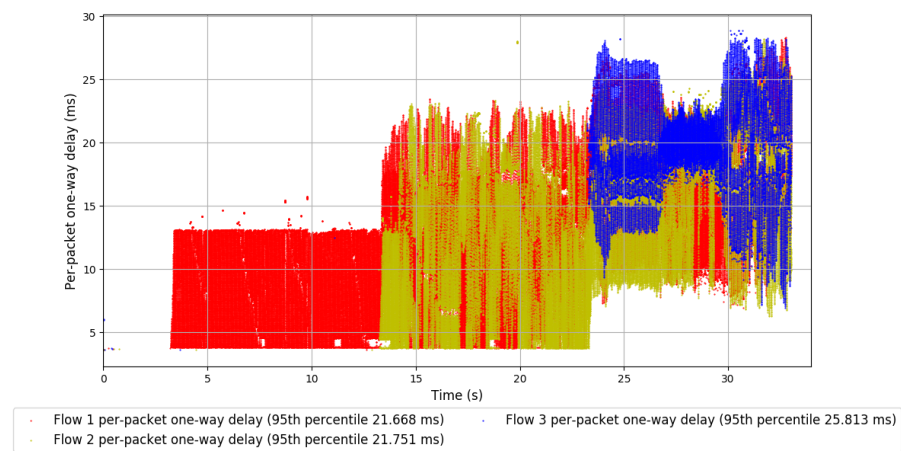
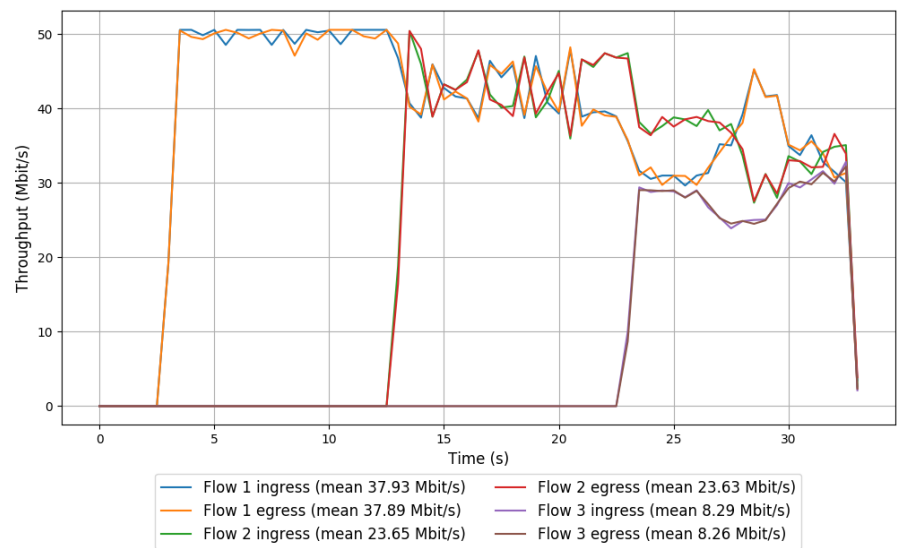
-- Flow 3:

Average throughput: 8.26 Mbit/s

95th percentile per-packet one-way delay: 25.813 ms

Loss rate: 0.32%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sat, 01 Jul 2017 13:23:31 +0000

End at: Sat, 01 Jul 2017 13:24:01 +0000

Local clock offset: -1.917 ms

Remote clock offset: -0.183 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:42:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.68 Mbit/s

95th percentile per-packet one-way delay: 23.624 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 38.74 Mbit/s

95th percentile per-packet one-way delay: 21.775 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 22.15 Mbit/s

95th percentile per-packet one-way delay: 23.191 ms

Loss rate: 0.07%

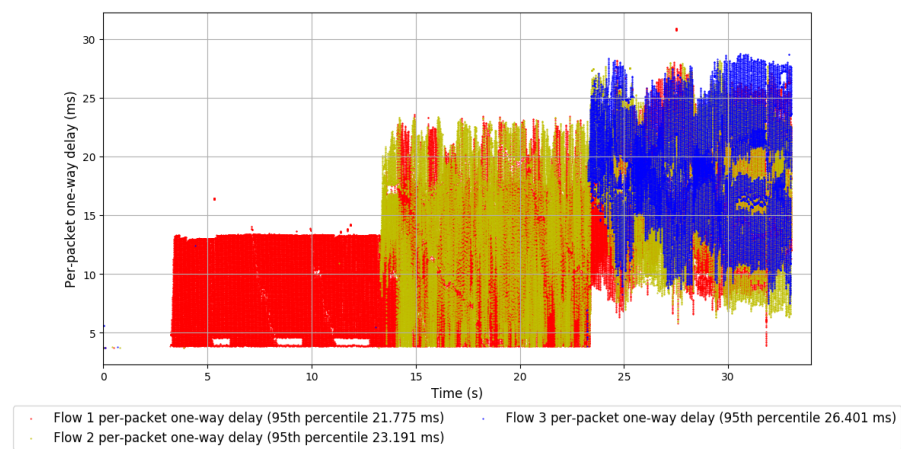
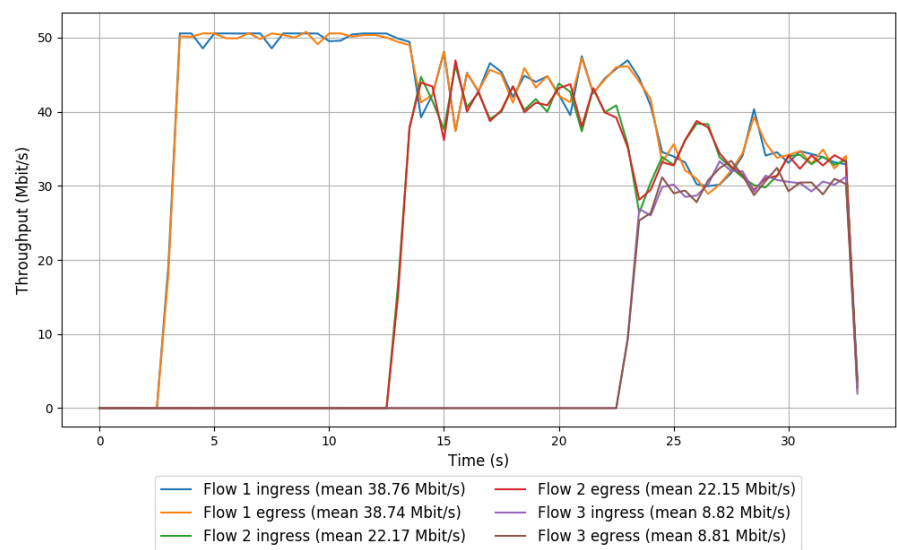
-- Flow 3:

Average throughput: 8.81 Mbit/s

95th percentile per-packet one-way delay: 26.401 ms

Loss rate: 0.09%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sat, 01 Jul 2017 13:40:41 +0000

End at: Sat, 01 Jul 2017 13:41:11 +0000

Local clock offset: -2.138 ms

Remote clock offset: -0.254 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:43:04 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.83 Mbit/s

95th percentile per-packet one-way delay: 22.180 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 38.46 Mbit/s

95th percentile per-packet one-way delay: 21.001 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 21.34 Mbit/s

95th percentile per-packet one-way delay: 22.736 ms

Loss rate: 0.19%

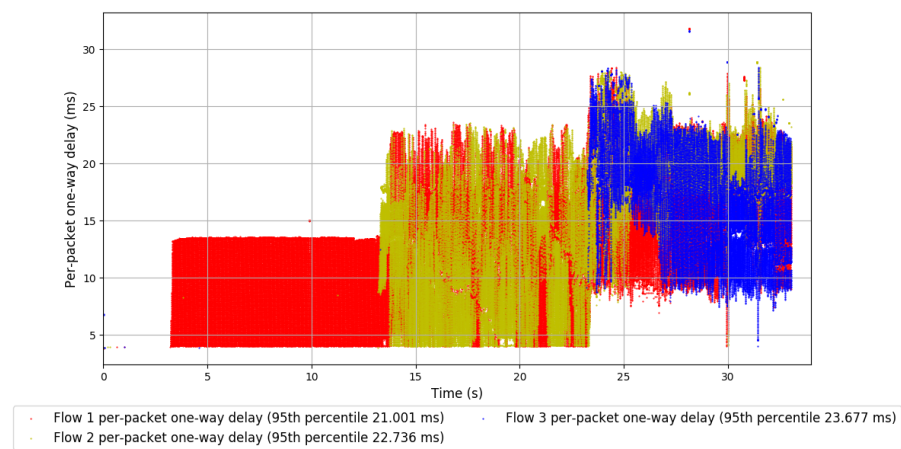
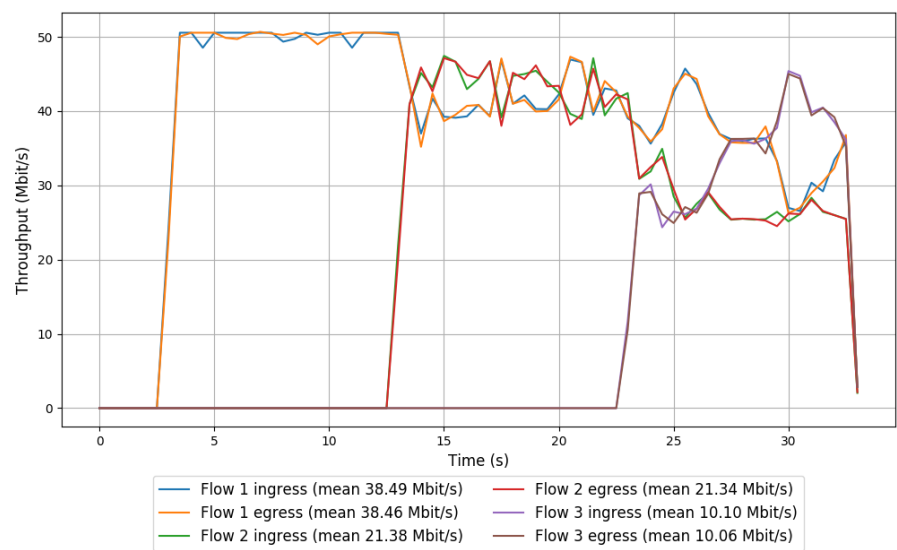
-- Flow 3:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 23.677 ms

Loss rate: 0.41%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sat, 01 Jul 2017 13:57:55 +0000

End at: Sat, 01 Jul 2017 13:58:25 +0000

Local clock offset: -2.247 ms

Remote clock offset: -0.469 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:43:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.71 Mbit/s

95th percentile per-packet one-way delay: 23.944 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 38.41 Mbit/s

95th percentile per-packet one-way delay: 22.091 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 21.83 Mbit/s

95th percentile per-packet one-way delay: 24.478 ms

Loss rate: 0.14%

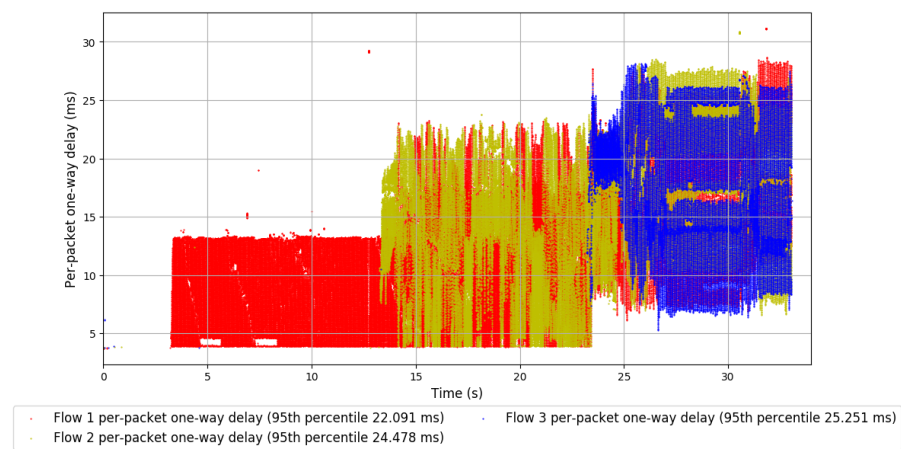
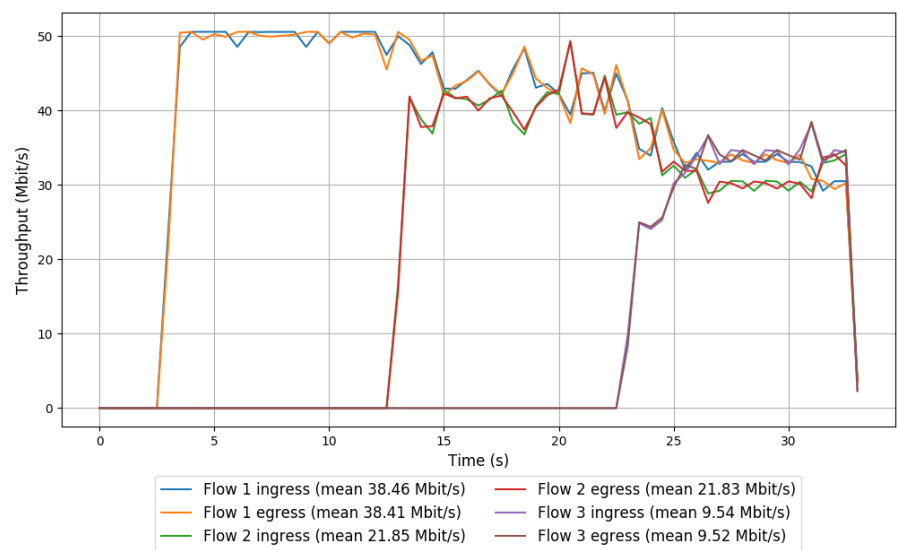
-- Flow 3:

Average throughput: 9.52 Mbit/s

95th percentile per-packet one-way delay: 25.251 ms

Loss rate: 0.27%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sat, 01 Jul 2017 14:15:06 +0000

End at: Sat, 01 Jul 2017 14:15:36 +0000

Local clock offset: -2.106 ms

Remote clock offset: -0.636 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:43:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.91 Mbit/s

95th percentile per-packet one-way delay: 22.661 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 39.43 Mbit/s

95th percentile per-packet one-way delay: 21.568 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 23.99 Mbit/s

95th percentile per-packet one-way delay: 22.246 ms

Loss rate: 0.12%

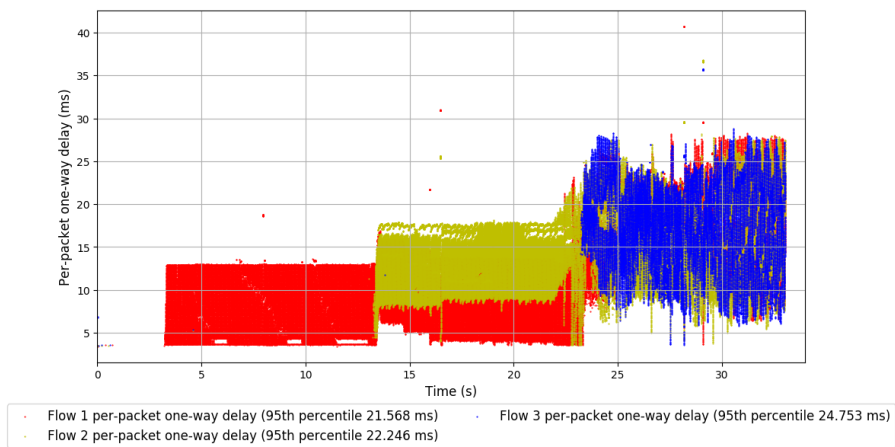
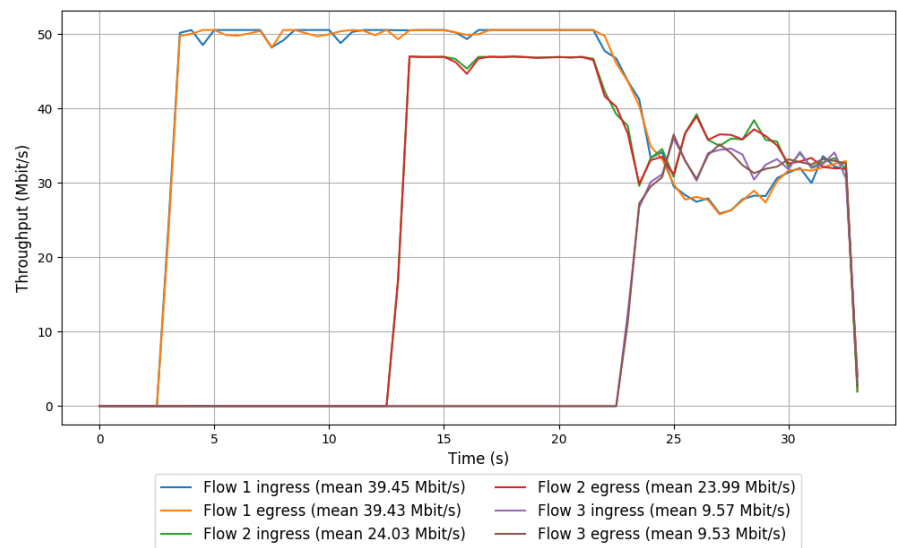
-- Flow 3:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 24.753 ms

Loss rate: 0.39%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sat, 01 Jul 2017 14:32:14 +0000

End at: Sat, 01 Jul 2017 14:32:44 +0000

Local clock offset: -1.866 ms

Remote clock offset: -0.873 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:43:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 69.65 Mbit/s

95th percentile per-packet one-way delay: 20.507 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 37.19 Mbit/s

95th percentile per-packet one-way delay: 20.106 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 25.16 Mbit/s

95th percentile per-packet one-way delay: 19.918 ms

Loss rate: 0.11%

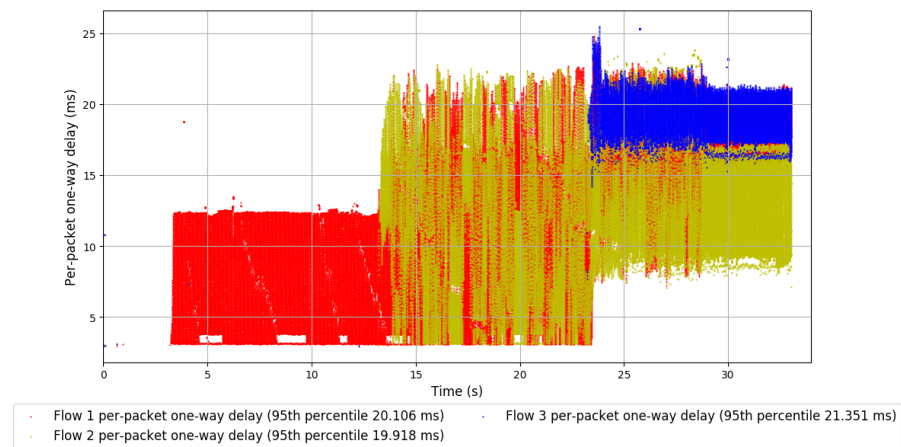
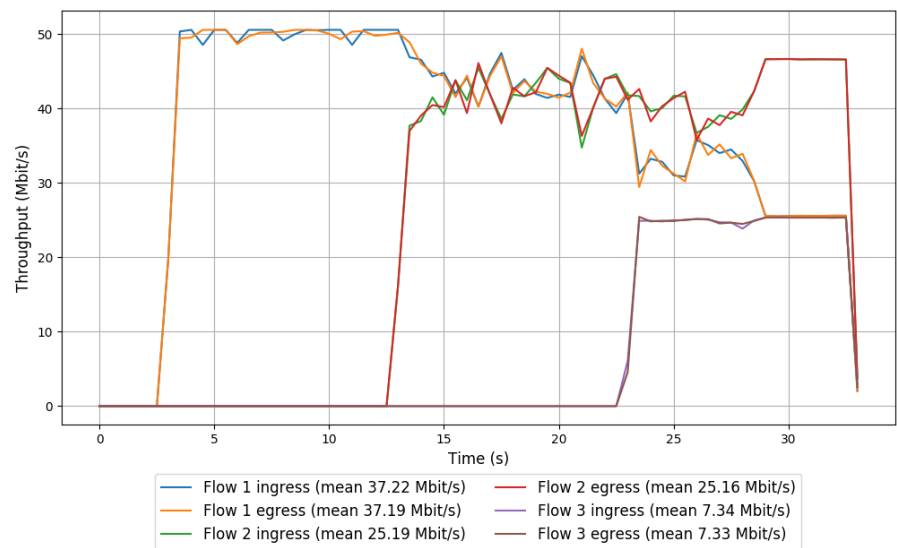
-- Flow 3:

Average throughput: 7.33 Mbit/s

95th percentile per-packet one-way delay: 21.351 ms

Loss rate: 0.21%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 11:58:37 +0000

End at: Sat, 01 Jul 2017 11:59:07 +0000

Local clock offset: -0.689 ms

Remote clock offset: 0.115 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:45:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.80 Mbit/s

95th percentile per-packet one-way delay: 31.735 ms

Loss rate: 0.65%

-- Flow 1:

Average throughput: 50.44 Mbit/s

95th percentile per-packet one-way delay: 31.583 ms

Loss rate: 0.72%

-- Flow 2:

Average throughput: 23.87 Mbit/s

95th percentile per-packet one-way delay: 31.773 ms

Loss rate: 0.52%

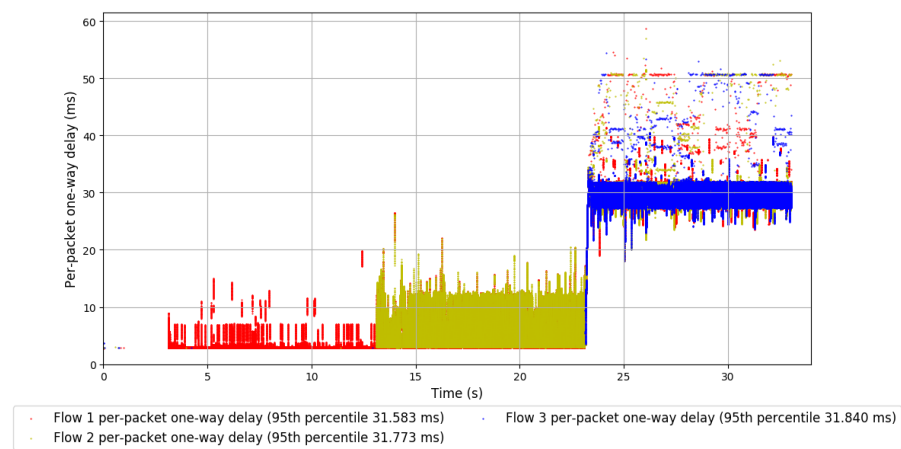
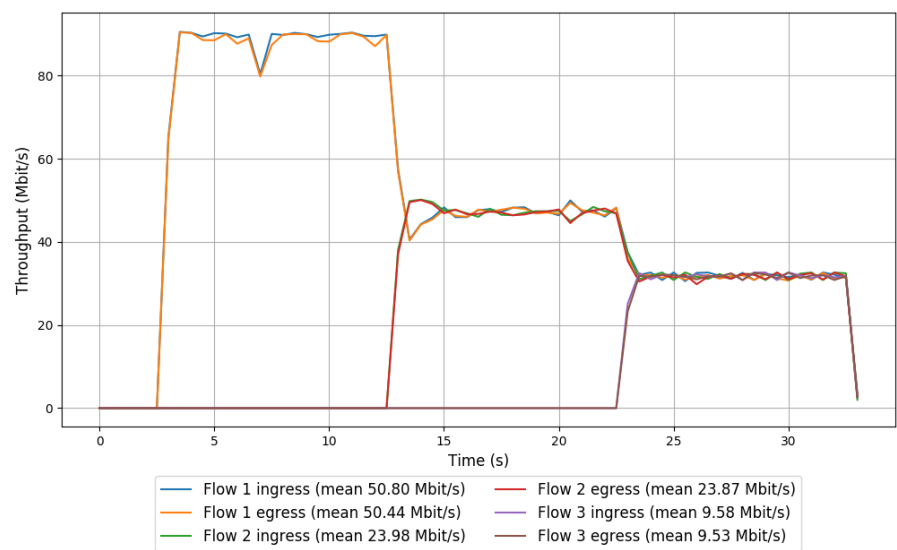
-- Flow 3:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 31.840 ms

Loss rate: 0.59%

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



Run 2: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 12:15:50 +0000

End at: Sat, 01 Jul 2017 12:16:20 +0000

Local clock offset: -1.527 ms

Remote clock offset: 0.097 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:45:07 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.27 Mbit/s

95th percentile per-packet one-way delay: 32.513 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 50.87 Mbit/s

95th percentile per-packet one-way delay: 31.789 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 23.92 Mbit/s

95th percentile per-packet one-way delay: 32.546 ms

Loss rate: 0.29%

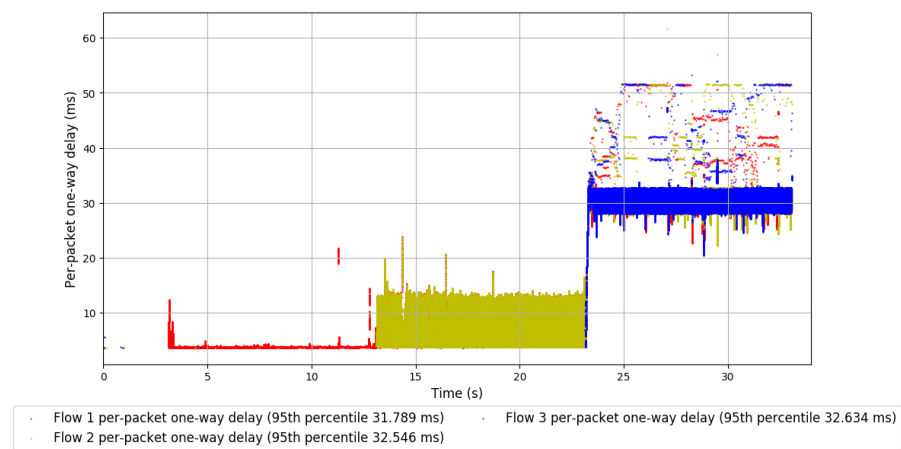
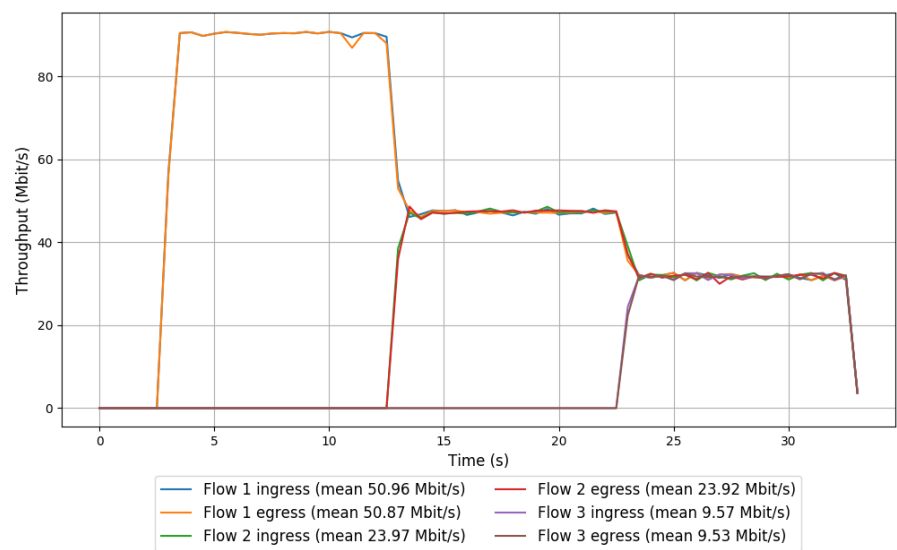
-- Flow 3:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 32.634 ms

Loss rate: 0.45%

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



Run 3: Statistics of TaoVA-100x

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

End at: Sat, 01 Jul 2017 12:33:31 +0000

Local clock offset: -1.994 ms

Remote clock offset: 0.223 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:46:28 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.23 Mbit/s

95th percentile per-packet one-way delay: 33.072 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 50.77 Mbit/s

95th percentile per-packet one-way delay: 32.745 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 23.91 Mbit/s

95th percentile per-packet one-way delay: 33.070 ms

Loss rate: 0.30%

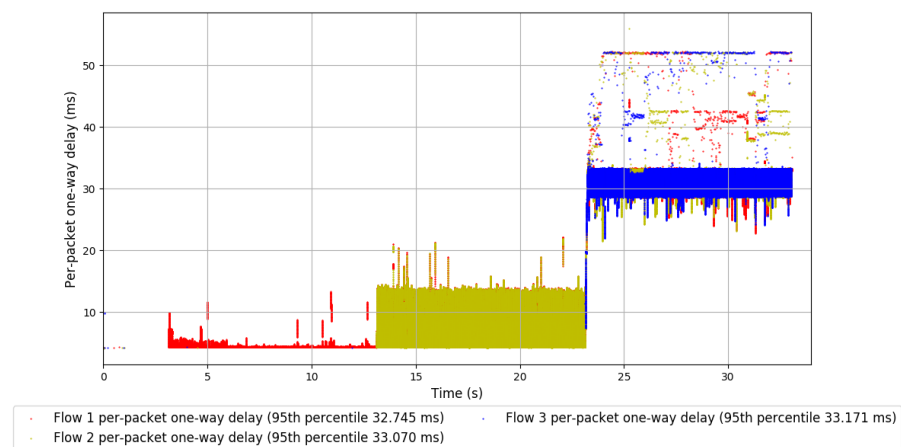
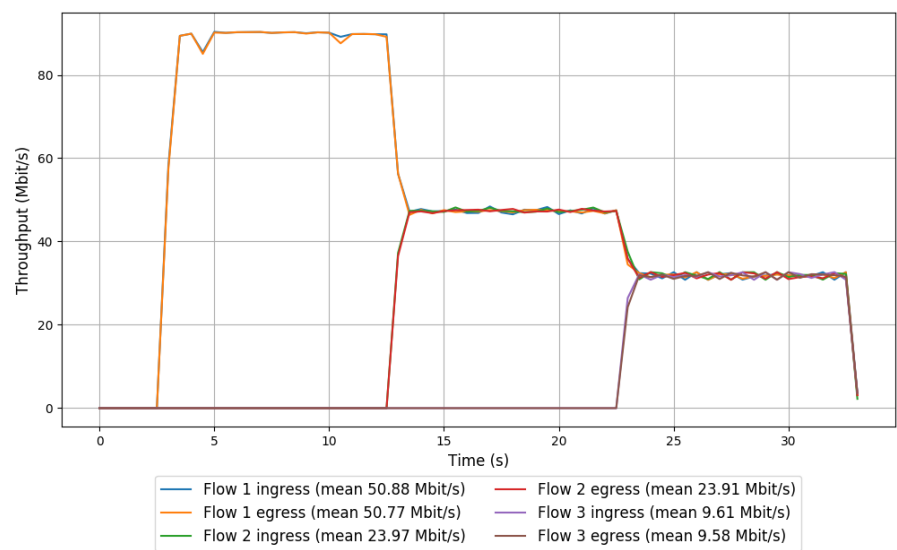
-- Flow 3:

Average throughput: 9.58 Mbit/s

95th percentile per-packet one-way delay: 33.171 ms

Loss rate: 0.36%

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



Run 4: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 12:50:16 +0000

End at: Sat, 01 Jul 2017 12:50:46 +0000

Local clock offset: -1.758 ms

Remote clock offset: 0.099 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:46:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.59 Mbit/s

95th percentile per-packet one-way delay: 32.709 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 51.06 Mbit/s

95th percentile per-packet one-way delay: 32.663 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 24.01 Mbit/s

95th percentile per-packet one-way delay: 32.053 ms

Loss rate: 0.26%

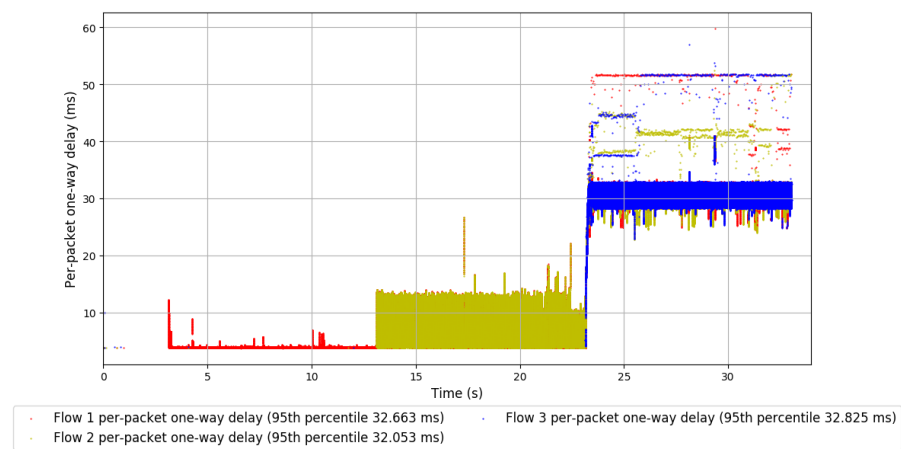
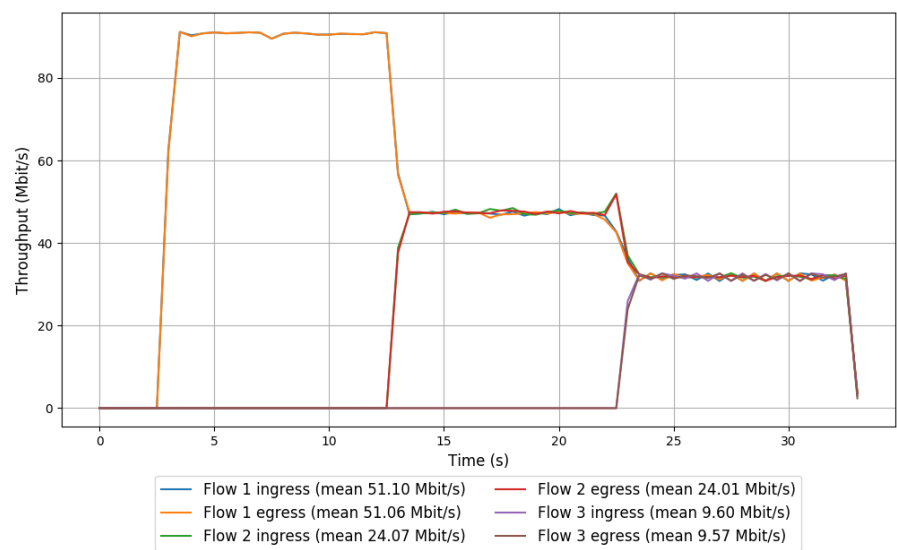
-- Flow 3:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 32.825 ms

Loss rate: 0.47%

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



Run 5: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 13:07:26 +0000

End at: Sat, 01 Jul 2017 13:07:56 +0000

Local clock offset: -1.723 ms

Remote clock offset: -0.168 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:47:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.29 Mbit/s

95th percentile per-packet one-way delay: 32.515 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 50.90 Mbit/s

95th percentile per-packet one-way delay: 32.431 ms

Loss rate: 0.17%

-- Flow 2:

Average throughput: 23.82 Mbit/s

95th percentile per-packet one-way delay: 32.503 ms

Loss rate: 0.15%

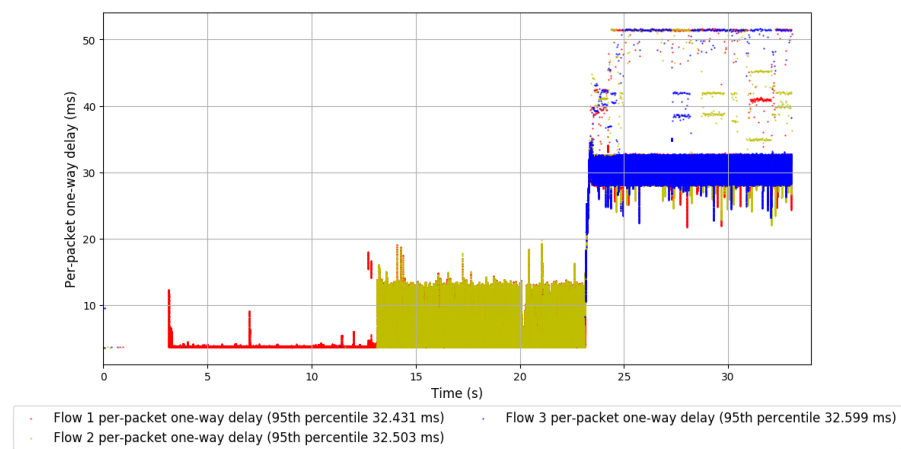
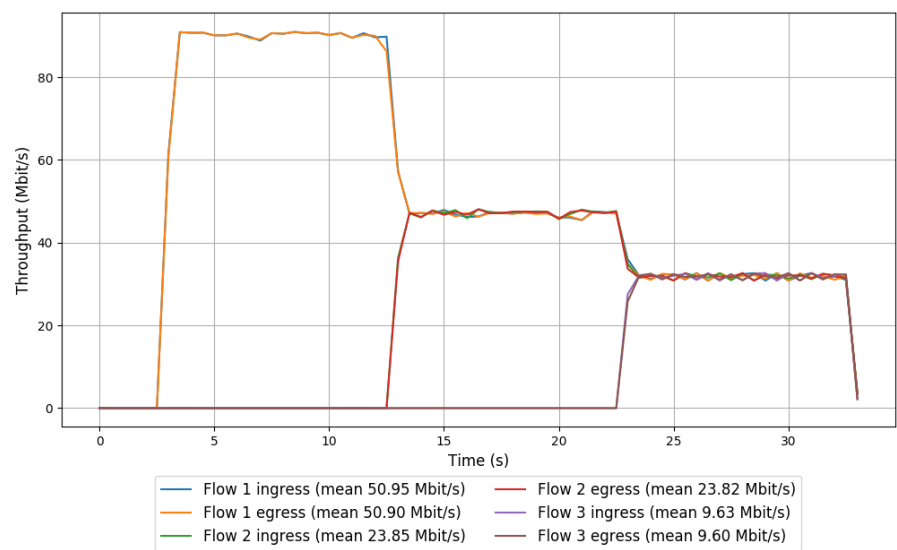
-- Flow 3:

Average throughput: 9.60 Mbit/s

95th percentile per-packet one-way delay: 32.599 ms

Loss rate: 0.29%

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



Run 6: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 13:24:37 +0000

End at: Sat, 01 Jul 2017 13:25:07 +0000

Local clock offset: -1.92 ms

Remote clock offset: -0.229 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:47:52 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.53 Mbit/s

95th percentile per-packet one-way delay: 32.653 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 51.12 Mbit/s

95th percentile per-packet one-way delay: 32.102 ms

Loss rate: 0.20%

-- Flow 2:

Average throughput: 23.88 Mbit/s

95th percentile per-packet one-way delay: 32.695 ms

Loss rate: 0.29%

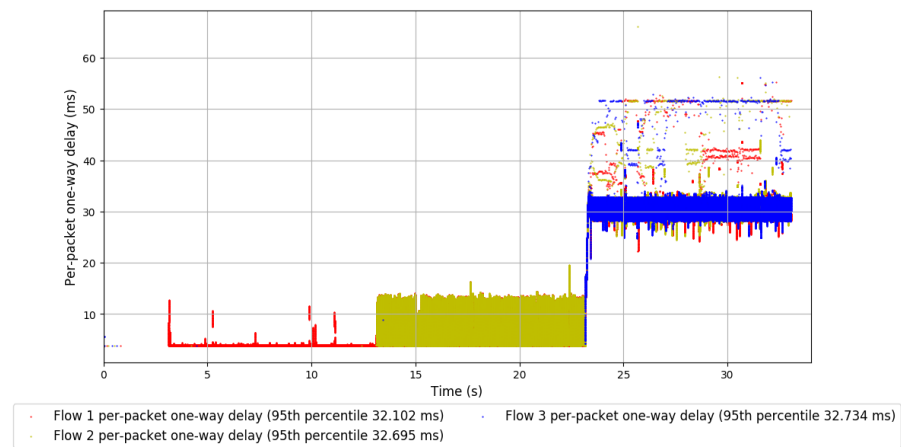
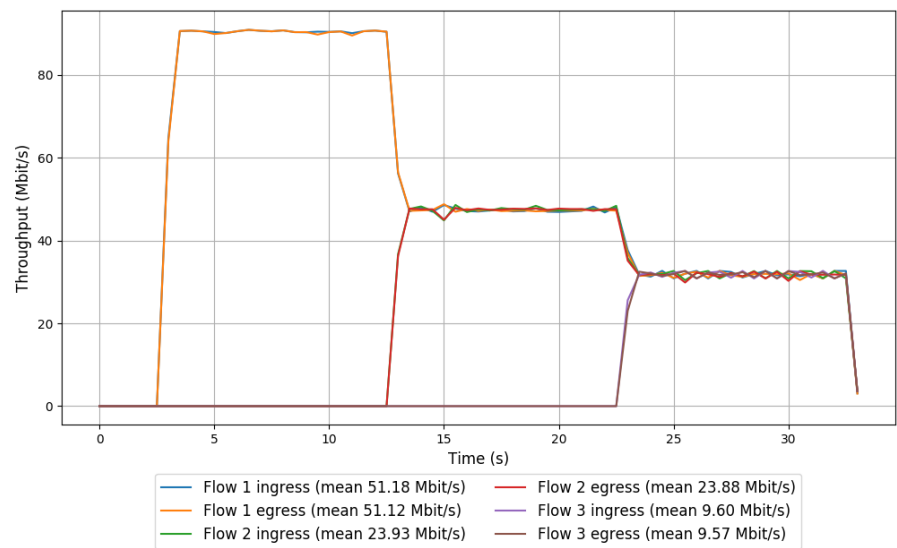
-- Flow 3:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 32.734 ms

Loss rate: 0.41%

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



Run 7: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 13:41:48 +0000

End at: Sat, 01 Jul 2017 13:42:18 +0000

Local clock offset: -2.139 ms

Remote clock offset: -0.3 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:49:10 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.23 Mbit/s

95th percentile per-packet one-way delay: 32.721 ms

Loss rate: 0.26%

-- Flow 1:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 32.626 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 32.697 ms

Loss rate: 0.23%

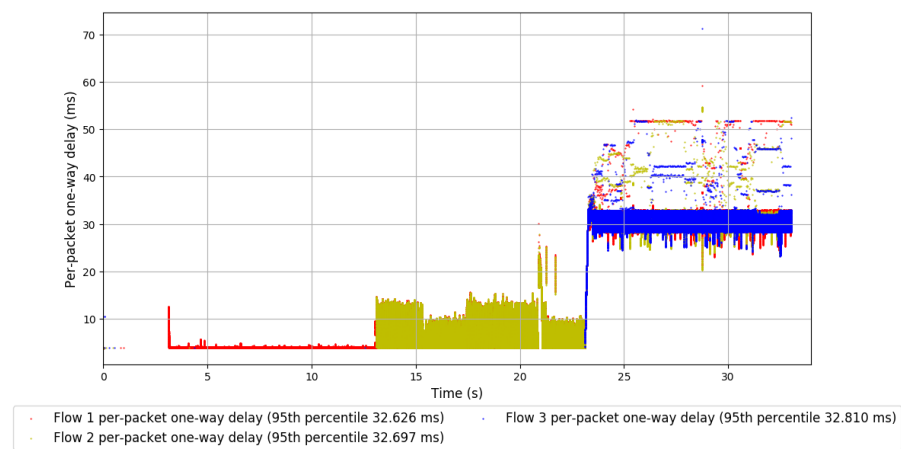
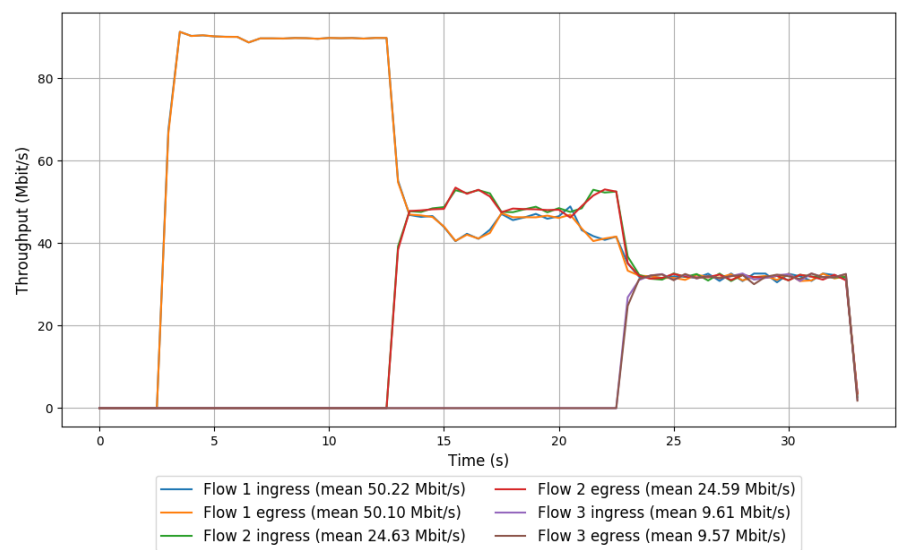
-- Flow 3:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 32.810 ms

Loss rate: 0.51%

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



Run 8: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 13:59:02 +0000

End at: Sat, 01 Jul 2017 13:59:32 +0000

Local clock offset: -2.283 ms

Remote clock offset: -0.547 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:49:13 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.09 Mbit/s

95th percentile per-packet one-way delay: 32.629 ms

Loss rate: 0.39%

-- Flow 1:

Average throughput: 50.74 Mbit/s

95th percentile per-packet one-way delay: 32.137 ms

Loss rate: 0.36%

-- Flow 2:

Average throughput: 23.86 Mbit/s

95th percentile per-packet one-way delay: 32.643 ms

Loss rate: 0.36%

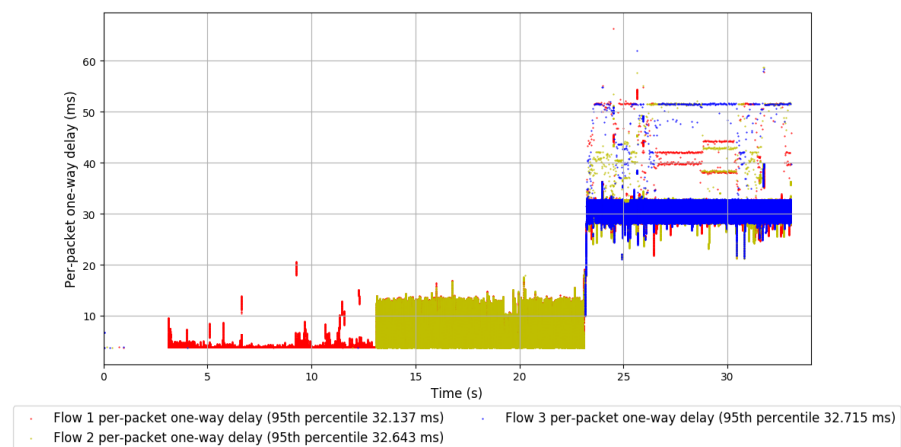
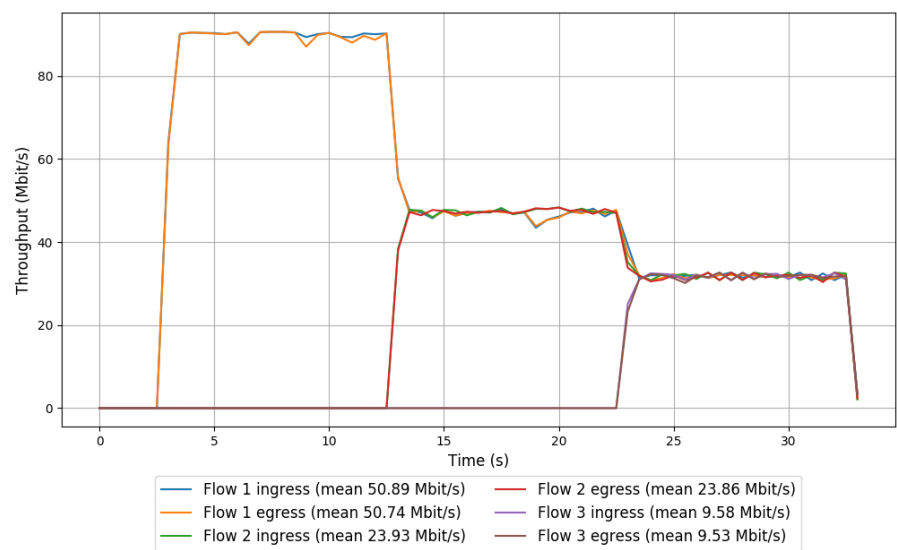
-- Flow 3:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 32.715 ms

Loss rate: 0.63%

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



Run 9: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 14:16:13 +0000

End at: Sat, 01 Jul 2017 14:16:43 +0000

Local clock offset: -2.153 ms

Remote clock offset: -0.669 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:50:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.44 Mbit/s

95th percentile per-packet one-way delay: 32.284 ms

Loss rate: 0.30%

-- Flow 1:

Average throughput: 50.95 Mbit/s

95th percentile per-packet one-way delay: 32.238 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 23.94 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 0.36%

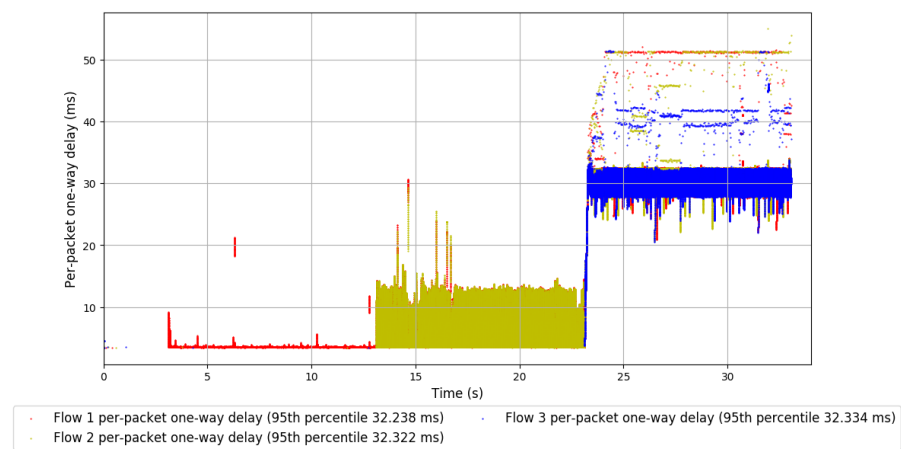
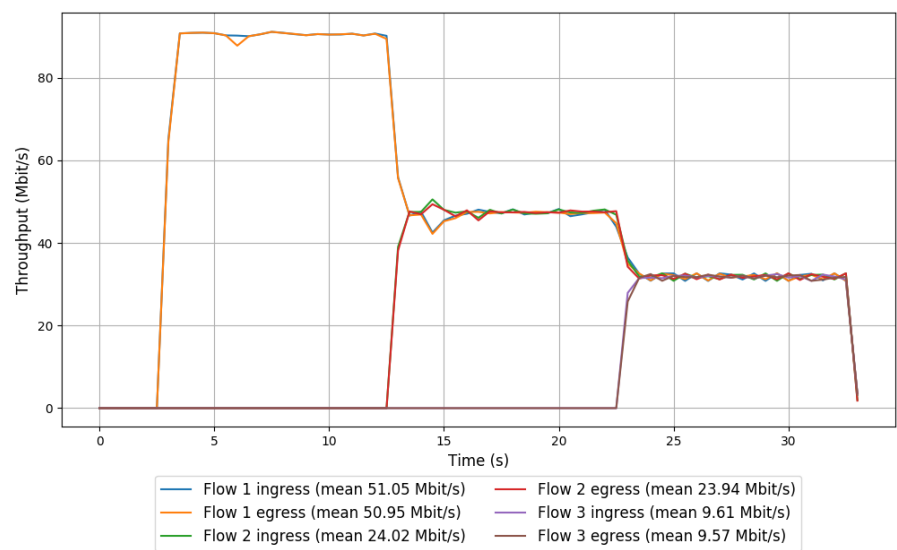
-- Flow 3:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 32.334 ms

Loss rate: 0.50%

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



Run 10: Statistics of TaoVA-100x

Start at: Sat, 01 Jul 2017 14:33:21 +0000

End at: Sat, 01 Jul 2017 14:33:51 +0000

Local clock offset: -1.839 ms

Remote clock offset: -0.897 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:50:32 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.37 Mbit/s

95th percentile per-packet one-way delay: 31.794 ms

Loss rate: 0.28%

-- Flow 1:

Average throughput: 50.94 Mbit/s

95th percentile per-packet one-way delay: 31.689 ms

Loss rate: 0.23%

-- Flow 2:

Average throughput: 23.88 Mbit/s

95th percentile per-packet one-way delay: 31.778 ms

Loss rate: 0.38%

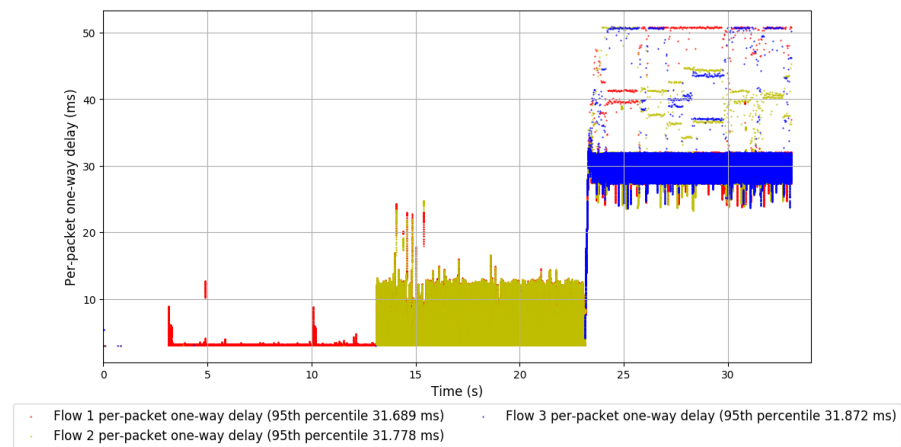
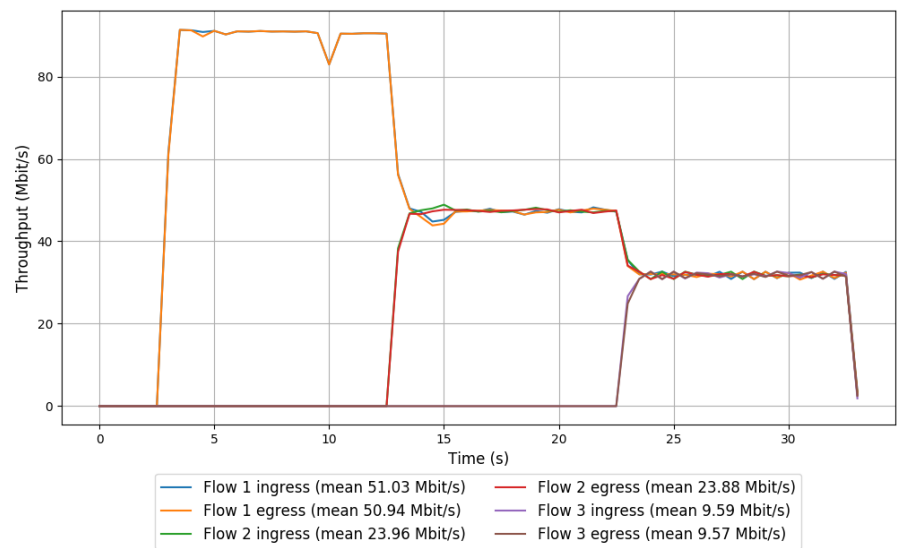
-- Flow 3:

Average throughput: 9.57 Mbit/s

95th percentile per-packet one-way delay: 31.872 ms

Loss rate: 0.29%

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



Run 1: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 12:10:04 +0000

End at: Sat, 01 Jul 2017 12:10:34 +0000

Local clock offset: -1.157 ms

Remote clock offset: 0.178 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:51:09 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 5.791 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 50.49 Mbit/s

95th percentile per-packet one-way delay: 5.799 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 24.36 Mbit/s

95th percentile per-packet one-way delay: 5.462 ms

Loss rate: 0.01%

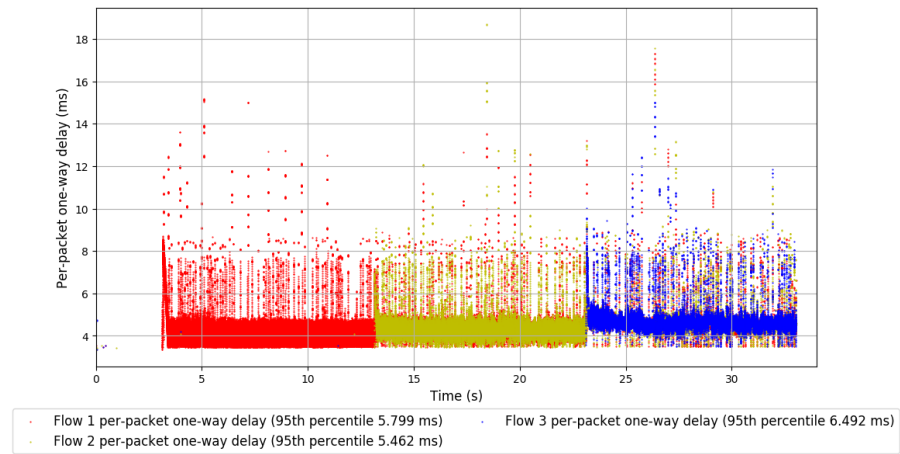
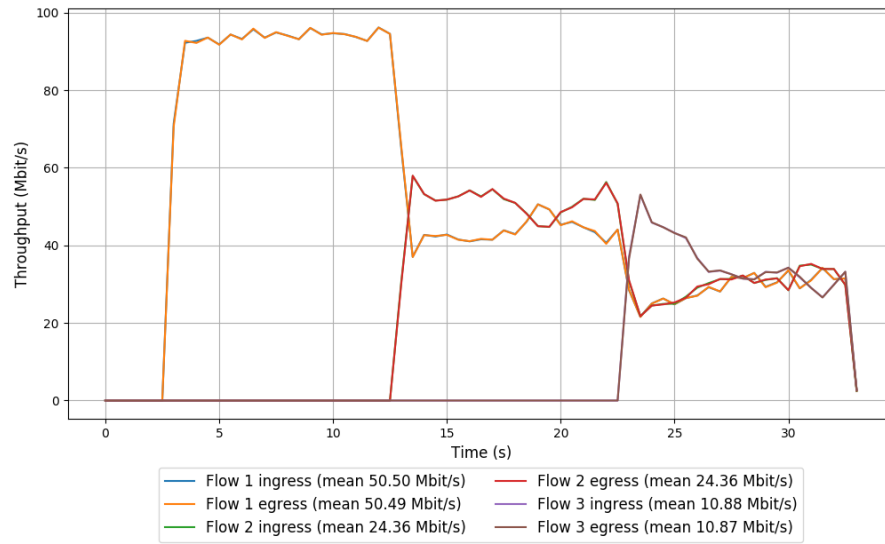
-- Flow 3:

Average throughput: 10.87 Mbit/s

95th percentile per-packet one-way delay: 6.492 ms

Loss rate: 0.06%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 12:27:15 +0000

End at: Sat, 01 Jul 2017 12:27:45 +0000

Local clock offset: -1.895 ms

Remote clock offset: 0.083 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:51:18 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 6.677 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 46.87 Mbit/s

95th percentile per-packet one-way delay: 6.155 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 20.93 Mbit/s

95th percentile per-packet one-way delay: 6.470 ms

Loss rate: 0.02%

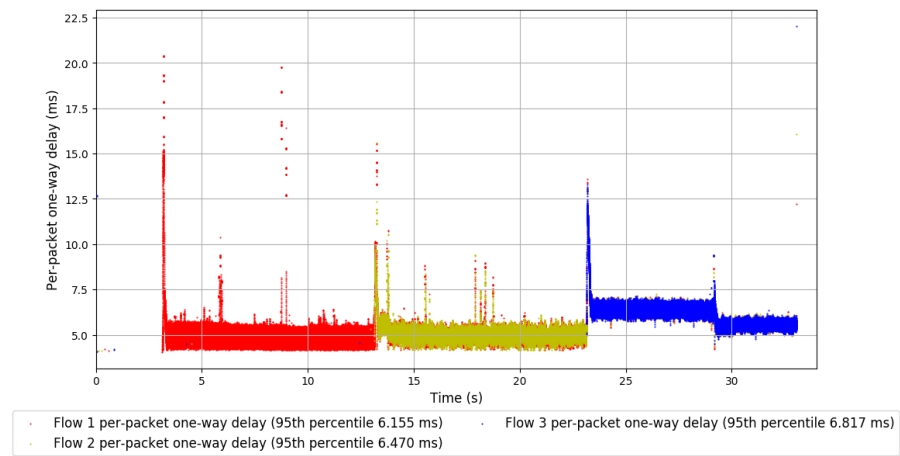
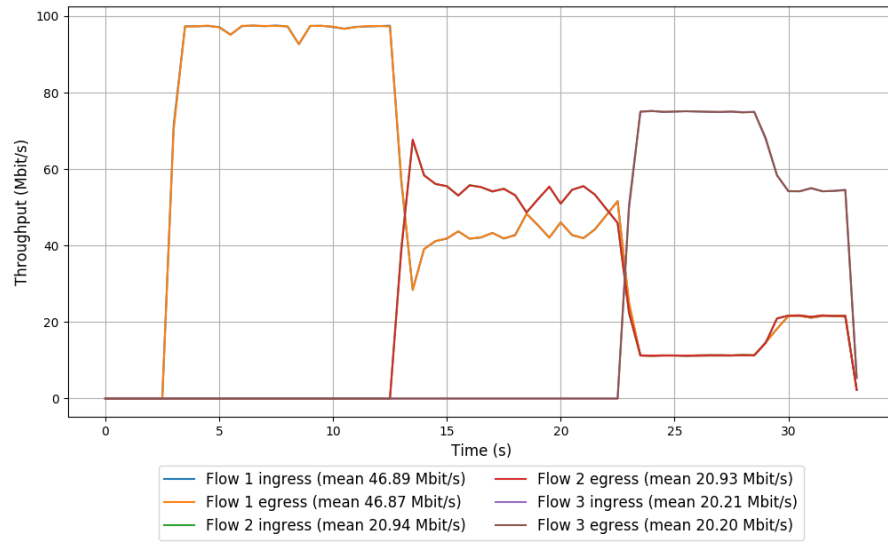
-- Flow 3:

Average throughput: 20.20 Mbit/s

95th percentile per-packet one-way delay: 6.817 ms

Loss rate: 0.04%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 12:44:30 +0000

End at: Sat, 01 Jul 2017 12:45:00 +0000

Local clock offset: -1.834 ms

Remote clock offset: 0.242 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:51:55 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.61 Mbit/s

95th percentile per-packet one-way delay: 5.631 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 50.72 Mbit/s

95th percentile per-packet one-way delay: 5.610 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 23.06 Mbit/s

95th percentile per-packet one-way delay: 5.662 ms

Loss rate: 0.02%

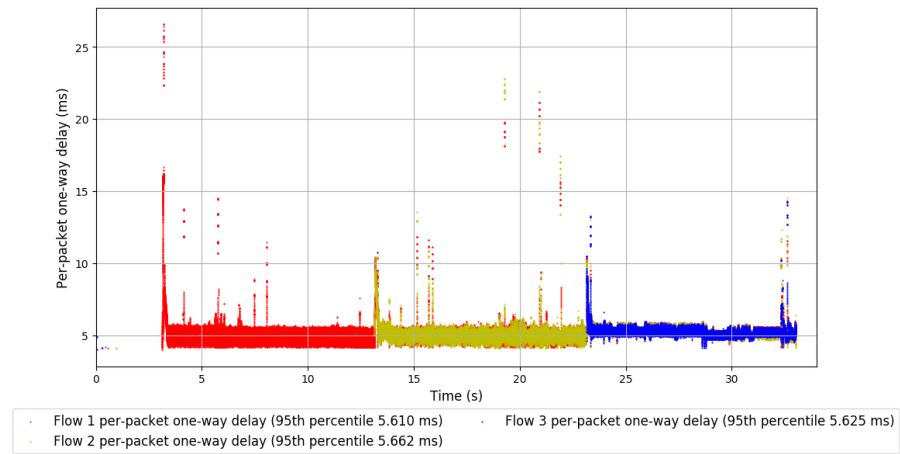
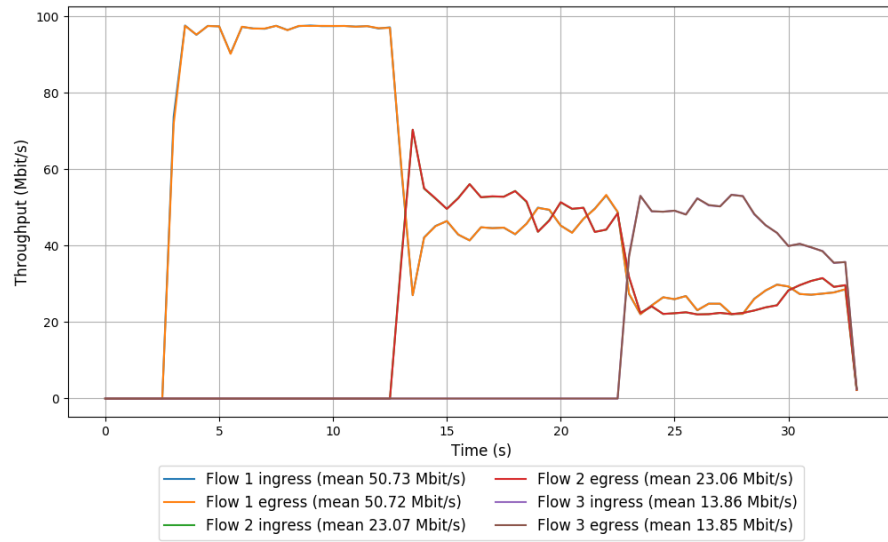
-- Flow 3:

Average throughput: 13.85 Mbit/s

95th percentile per-packet one-way delay: 5.625 ms

Loss rate: 0.03%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 13:01:41 +0000

End at: Sat, 01 Jul 2017 13:02:11 +0000

Local clock offset: -1.769 ms

Remote clock offset: -0.124 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:52:03 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 5.123 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 50.61 Mbit/s

95th percentile per-packet one-way delay: 5.088 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 26.33 Mbit/s

95th percentile per-packet one-way delay: 5.112 ms

Loss rate: 0.02%

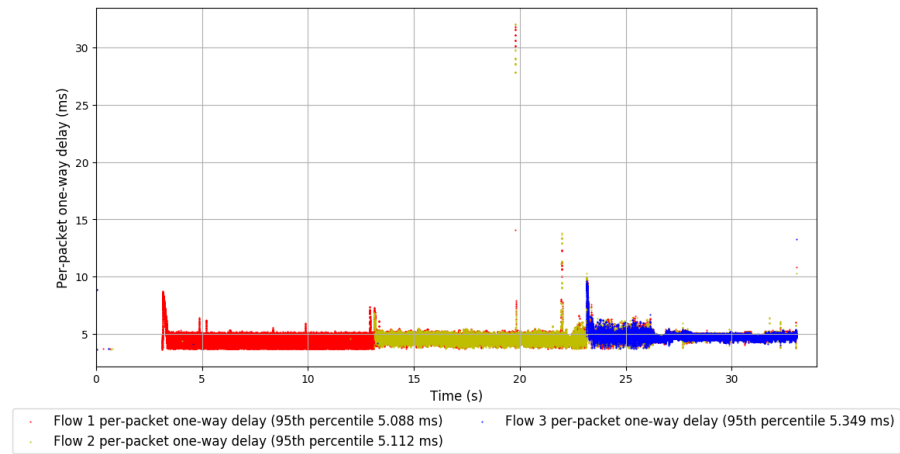
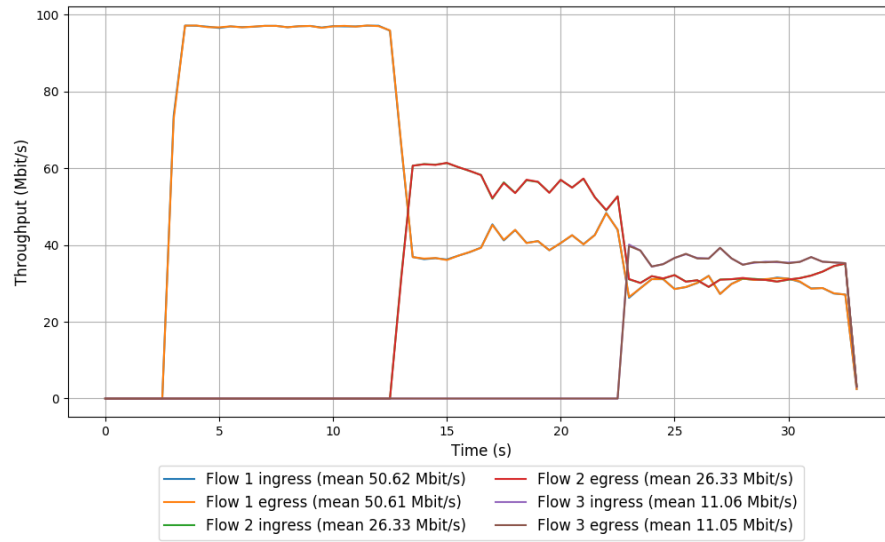
-- Flow 3:

Average throughput: 11.05 Mbit/s

95th percentile per-packet one-way delay: 5.349 ms

Loss rate: 0.05%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 13:18:52 +0000

End at: Sat, 01 Jul 2017 13:19:22 +0000

Local clock offset: -1.851 ms

Remote clock offset: -0.168 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:52:40 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.63 Mbit/s

95th percentile per-packet one-way delay: 5.660 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 50.93 Mbit/s

95th percentile per-packet one-way delay: 7.682 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 22.72 Mbit/s

95th percentile per-packet one-way delay: 5.319 ms

Loss rate: 0.02%

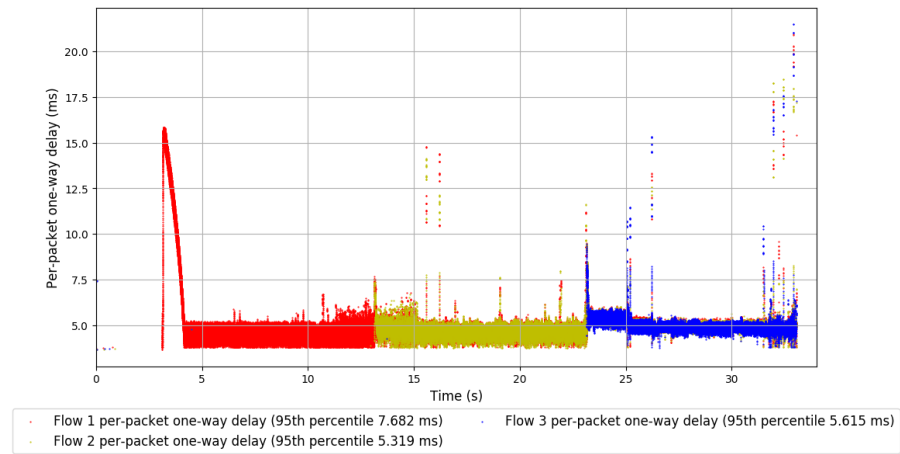
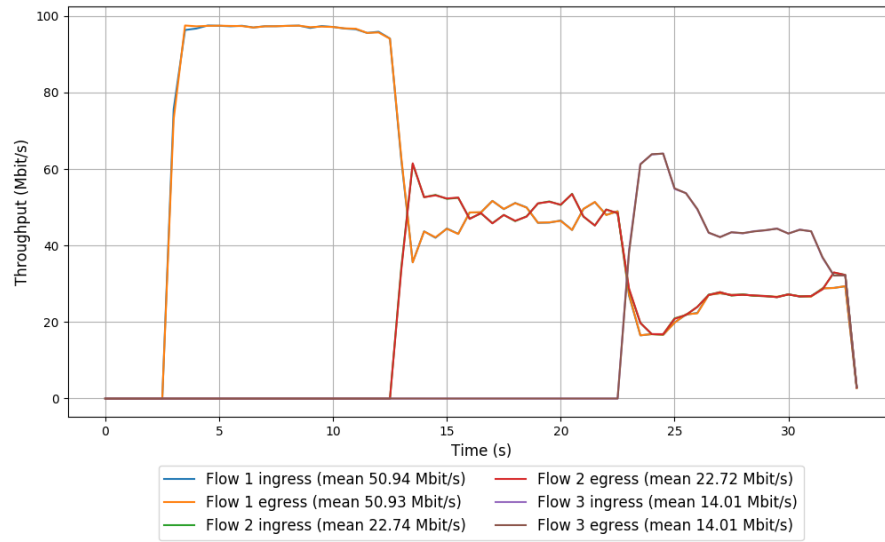
-- Flow 3:

Average throughput: 14.01 Mbit/s

95th percentile per-packet one-way delay: 5.615 ms

Loss rate: 0.04%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 13:36:02 +0000

End at: Sat, 01 Jul 2017 13:36:32 +0000

Local clock offset: -2.029 ms

Remote clock offset: -0.196 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:52:49 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.80 Mbit/s

95th percentile per-packet one-way delay: 5.838 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 49.75 Mbit/s

95th percentile per-packet one-way delay: 5.823 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 22.30 Mbit/s

95th percentile per-packet one-way delay: 5.739 ms

Loss rate: 0.02%

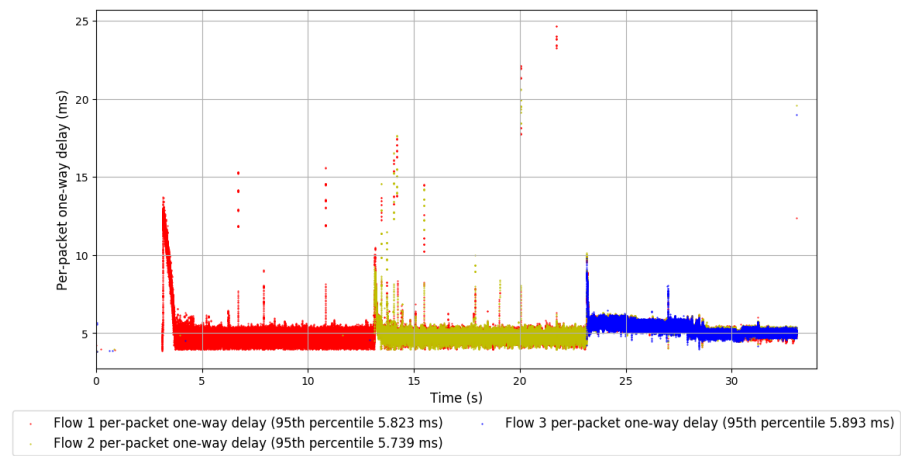
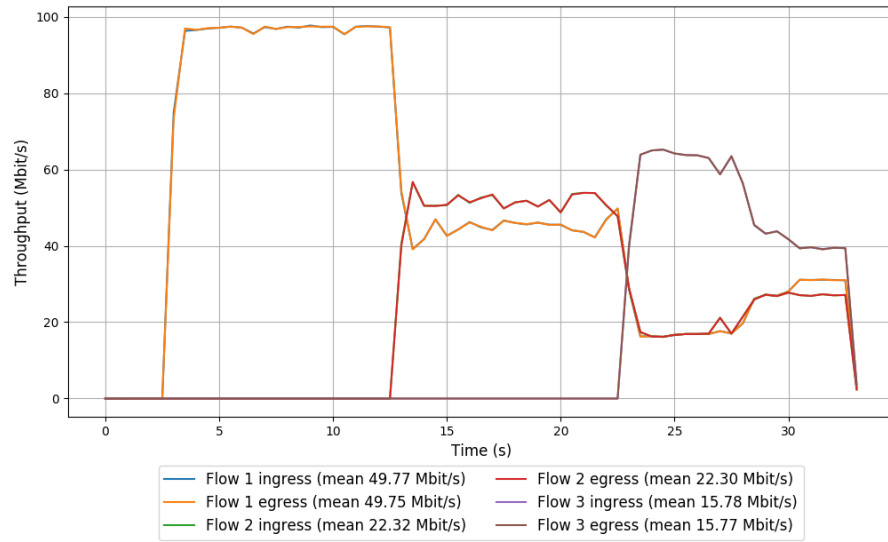
-- Flow 3:

Average throughput: 15.77 Mbit/s

95th percentile per-packet one-way delay: 5.893 ms

Loss rate: 0.03%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 13:53:16 +0000

End at: Sat, 01 Jul 2017 13:53:46 +0000

Local clock offset: -2.272 ms

Remote clock offset: -0.407 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:53:25 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.10 Mbit/s

95th percentile per-packet one-way delay: 5.526 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 48.31 Mbit/s

95th percentile per-packet one-way delay: 5.446 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 23.61 Mbit/s

95th percentile per-packet one-way delay: 5.520 ms

Loss rate: 0.02%

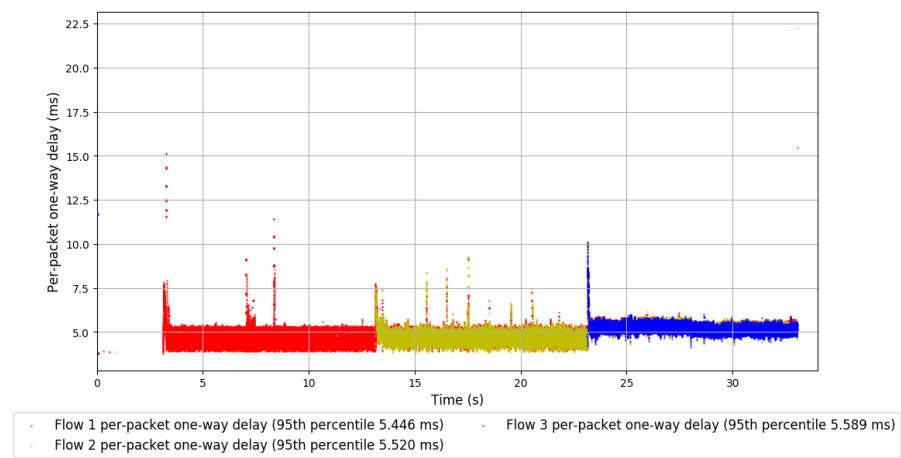
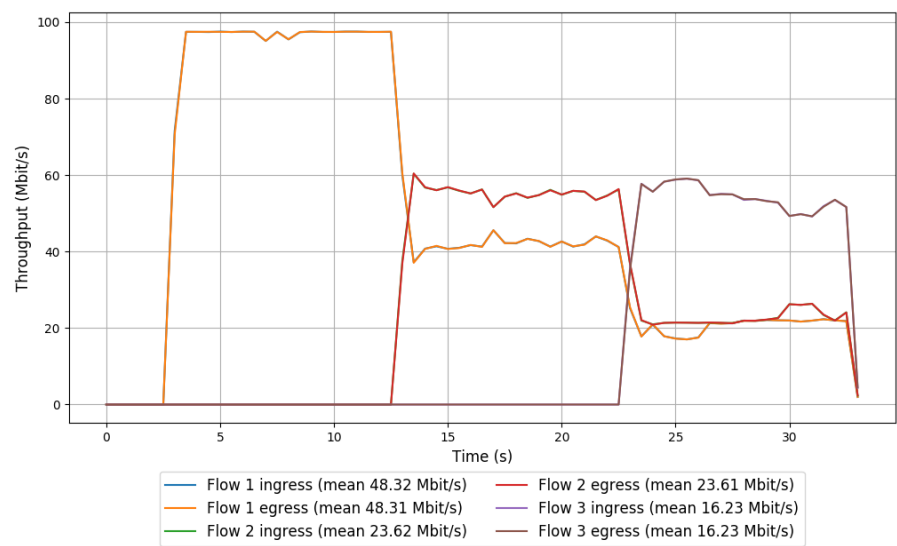
-- Flow 3:

Average throughput: 16.23 Mbit/s

95th percentile per-packet one-way delay: 5.589 ms

Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 14:10:27 +0000

End at: Sat, 01 Jul 2017 14:10:57 +0000

Local clock offset: -2.196 ms

Remote clock offset: -0.618 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:53:35 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.25 Mbit/s

95th percentile per-packet one-way delay: 5.455 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 47.24 Mbit/s

95th percentile per-packet one-way delay: 5.361 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 21.11 Mbit/s

95th percentile per-packet one-way delay: 5.429 ms

Loss rate: 0.01%

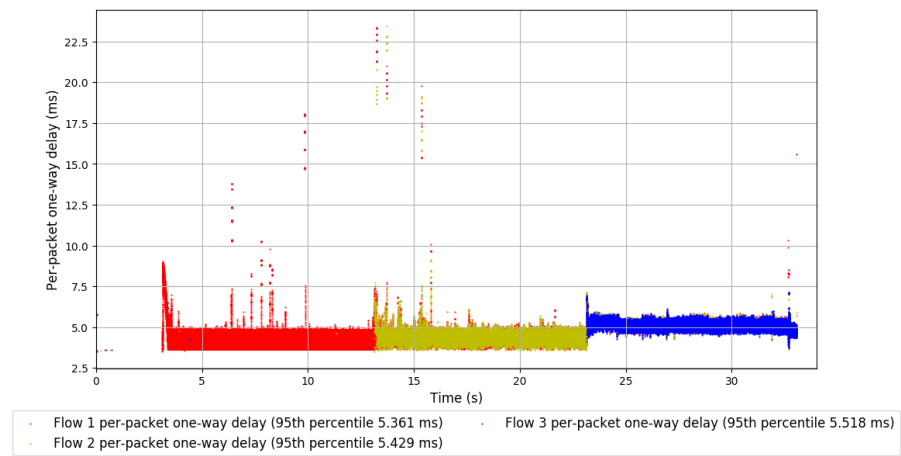
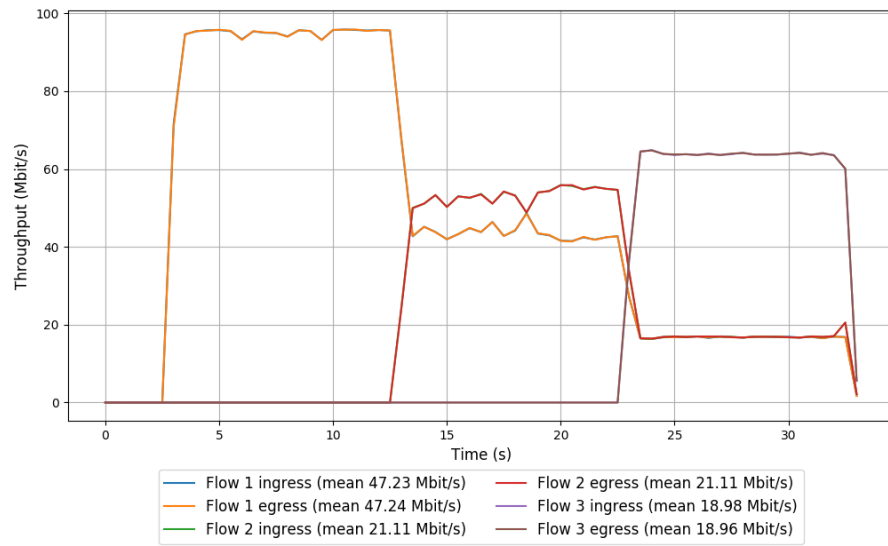
-- Flow 3:

Average throughput: 18.96 Mbit/s

95th percentile per-packet one-way delay: 5.518 ms

Loss rate: 0.05%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 14:27:35 +0000

End at: Sat, 01 Jul 2017 14:28:05 +0000

Local clock offset: -1.944 ms

Remote clock offset: -0.798 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:54:11 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.66 Mbit/s

95th percentile per-packet one-way delay: 4.751 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 50.99 Mbit/s

95th percentile per-packet one-way delay: 4.911 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 26.21 Mbit/s

95th percentile per-packet one-way delay: 4.682 ms

Loss rate: 0.02%

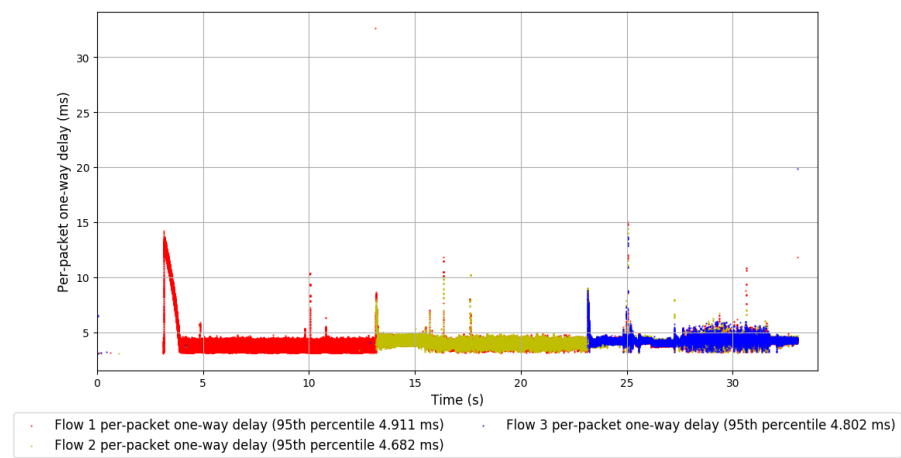
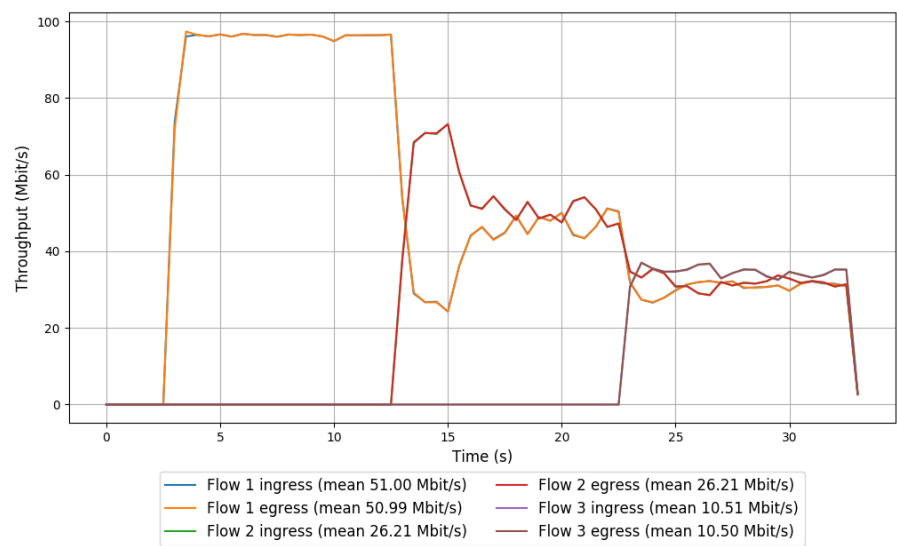
-- Flow 3:

Average throughput: 10.50 Mbit/s

95th percentile per-packet one-way delay: 4.802 ms

Loss rate: 0.05%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sat, 01 Jul 2017 14:44:52 +0000

End at: Sat, 01 Jul 2017 14:45:22 +0000

Local clock offset: -1.64 ms

Remote clock offset: -1.056 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:54:21 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.67 Mbit/s

95th percentile per-packet one-way delay: 4.046 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 51.83 Mbit/s

95th percentile per-packet one-way delay: 4.035 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 24.18 Mbit/s

95th percentile per-packet one-way delay: 4.059 ms

Loss rate: 0.02%

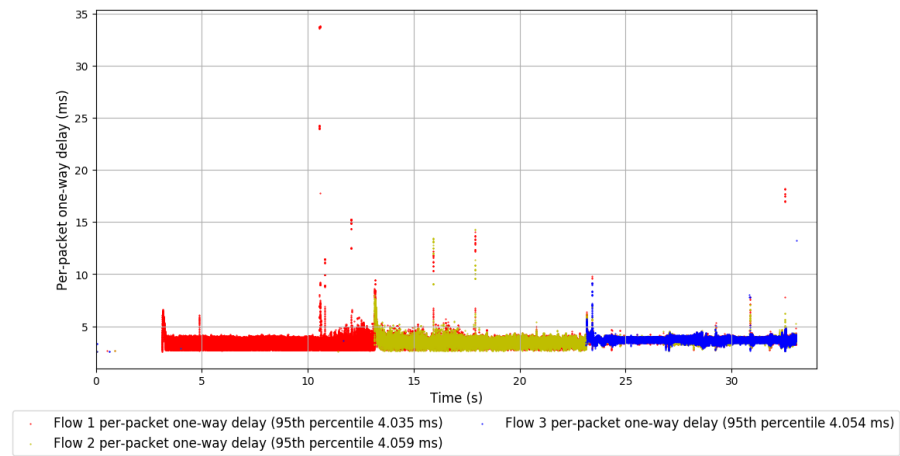
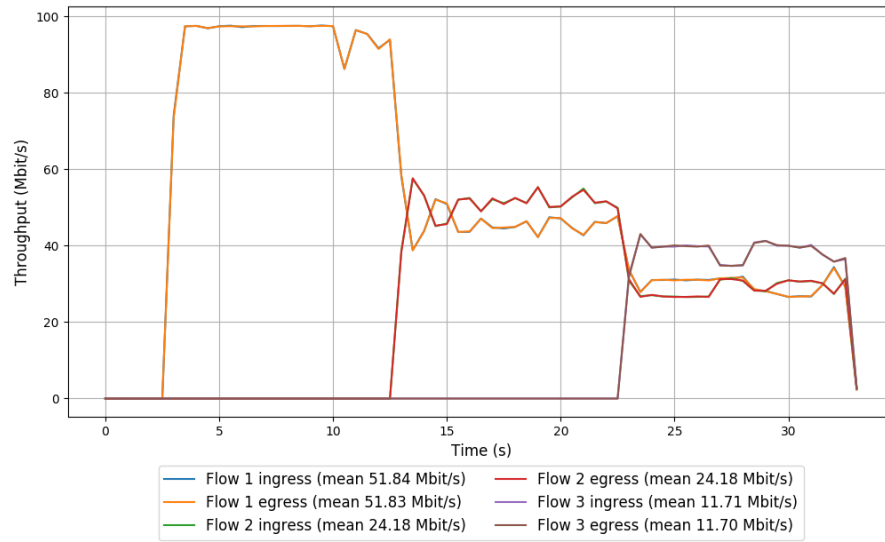
-- Flow 3:

Average throughput: 11.70 Mbit/s

95th percentile per-packet one-way delay: 4.054 ms

Loss rate: 0.05%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sat, 01 Jul 2017 12:07:48 +0000

End at: Sat, 01 Jul 2017 12:08:18 +0000

Local clock offset: -1.051 ms

Remote clock offset: 0.118 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:54:48 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.71 Mbit/s

95th percentile per-packet one-way delay: 37.642 ms

Loss rate: 0.41%

-- Flow 1:

Average throughput: 45.25 Mbit/s

95th percentile per-packet one-way delay: 37.275 ms

Loss rate: 0.30%

-- Flow 2:

Average throughput: 22.45 Mbit/s

95th percentile per-packet one-way delay: 37.639 ms

Loss rate: 0.45%

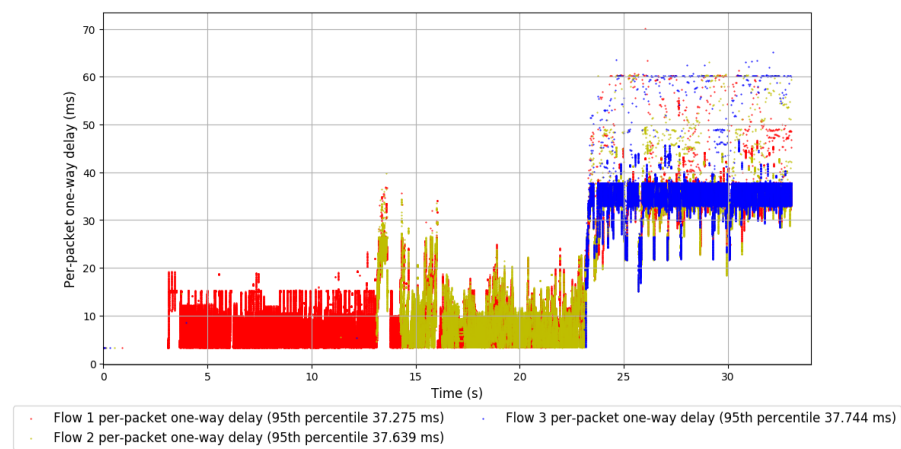
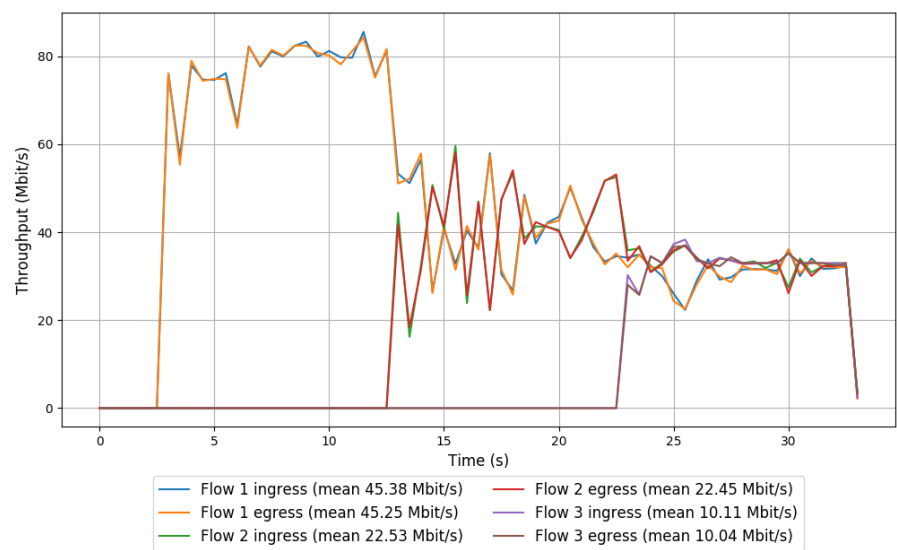
-- Flow 3:

Average throughput: 10.04 Mbit/s

95th percentile per-packet one-way delay: 37.744 ms

Loss rate: 0.78%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sat, 01 Jul 2017 12:24:58 +0000

End at: Sat, 01 Jul 2017 12:25:28 +0000

Local clock offset: -1.877 ms

Remote clock offset: 0.131 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:55:05 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.59 Mbit/s

95th percentile per-packet one-way delay: 38.375 ms

Loss rate: 0.24%

-- Flow 1:

Average throughput: 46.22 Mbit/s

95th percentile per-packet one-way delay: 37.252 ms

Loss rate: 0.33%

-- Flow 2:

Average throughput: 25.63 Mbit/s

95th percentile per-packet one-way delay: 38.332 ms

Loss rate: 0.15%

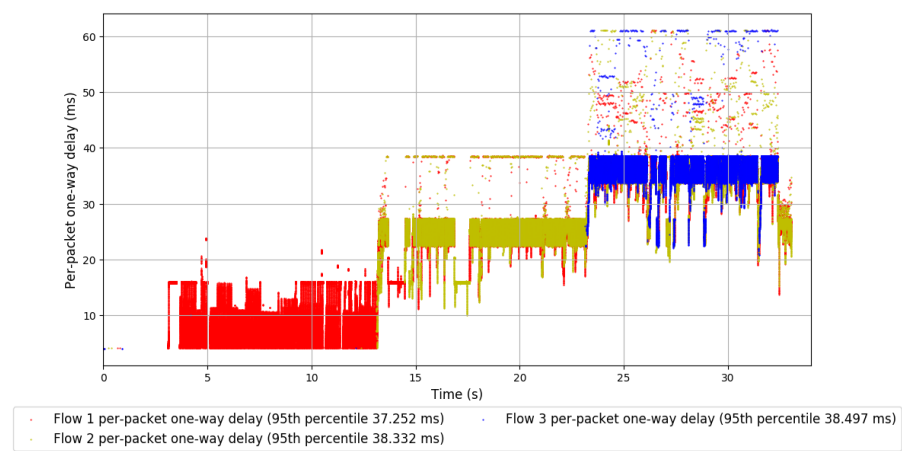
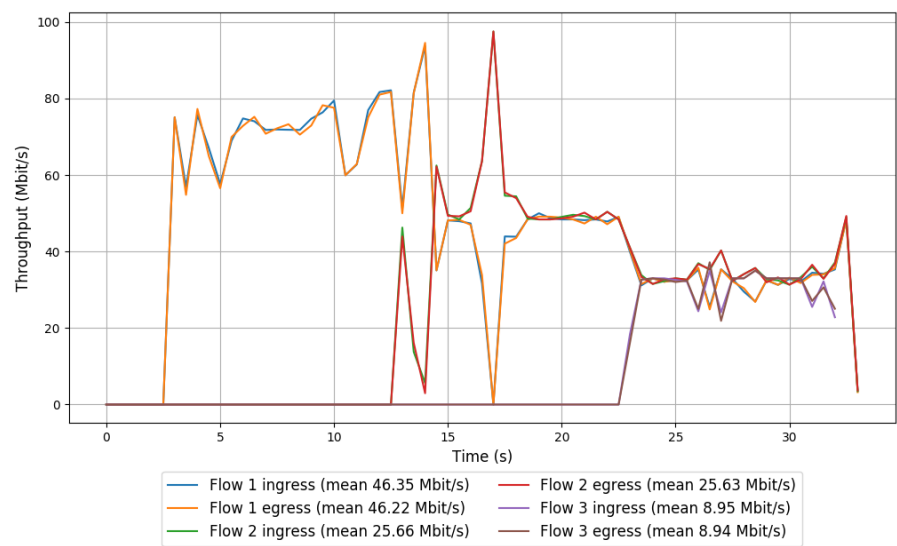
-- Flow 3:

Average throughput: 8.94 Mbit/s

95th percentile per-packet one-way delay: 38.497 ms

Loss rate: 0.00%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sat, 01 Jul 2017 12:42:13 +0000

End at: Sat, 01 Jul 2017 12:42:43 +0000

Local clock offset: -1.924 ms

Remote clock offset: 0.169 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:55:34 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.61 Mbit/s

95th percentile per-packet one-way delay: 38.435 ms

Loss rate: 0.27%

-- Flow 1:

Average throughput: 47.60 Mbit/s

95th percentile per-packet one-way delay: 37.302 ms

Loss rate: 0.22%

-- Flow 2:

Average throughput: 25.79 Mbit/s

95th percentile per-packet one-way delay: 38.424 ms

Loss rate: 0.23%

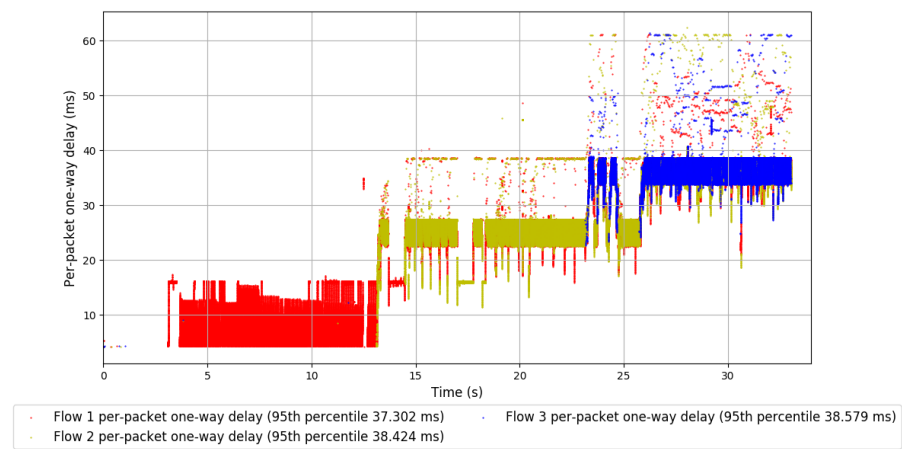
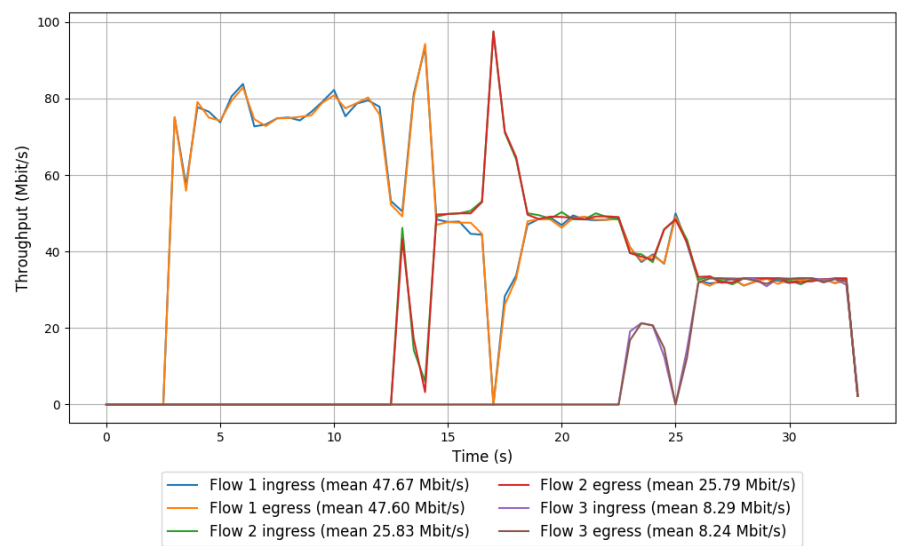
-- Flow 3:

Average throughput: 8.24 Mbit/s

95th percentile per-packet one-way delay: 38.579 ms

Loss rate: 0.66%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sat, 01 Jul 2017 12:59:24 +0000

End at: Sat, 01 Jul 2017 12:59:54 +0000

Local clock offset: -1.715 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:55:45 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.44 Mbit/s

95th percentile per-packet one-way delay: 38.011 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 44.46 Mbit/s

95th percentile per-packet one-way delay: 37.231 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 22.18 Mbit/s

95th percentile per-packet one-way delay: 37.980 ms

Loss rate: 0.23%

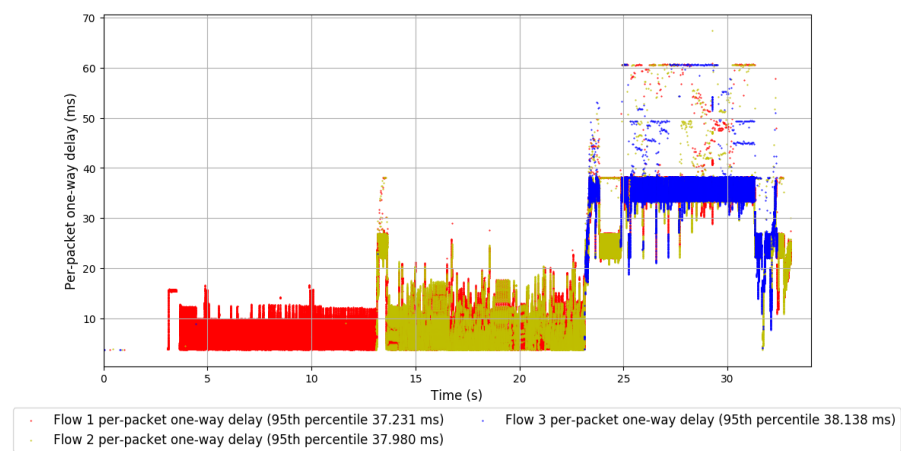
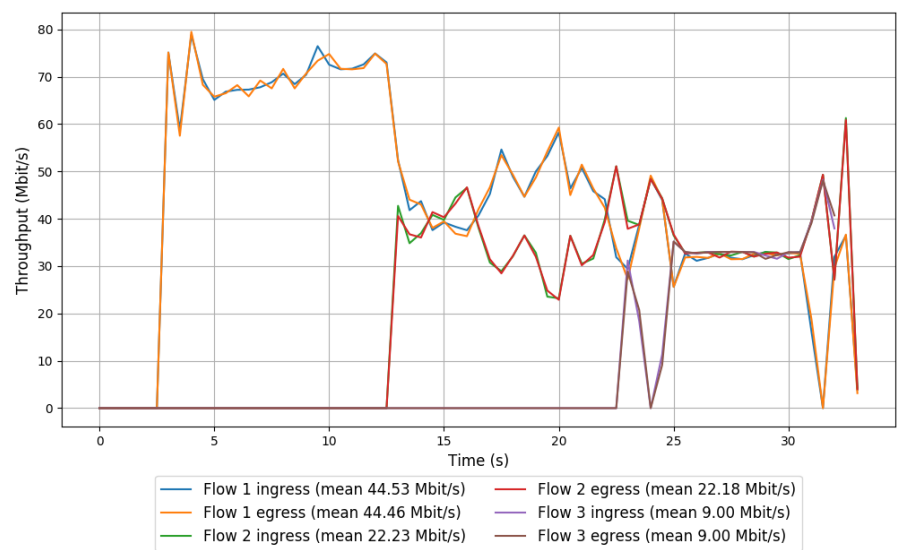
-- Flow 3:

Average throughput: 9.00 Mbit/s

95th percentile per-packet one-way delay: 38.138 ms

Loss rate: 0.00%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sat, 01 Jul 2017 13:16:35 +0000

End at: Sat, 01 Jul 2017 13:17:05 +0000

Local clock offset: -1.819 ms

Remote clock offset: -0.146 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:56:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.61 Mbit/s

95th percentile per-packet one-way delay: 37.279 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 48.68 Mbit/s

95th percentile per-packet one-way delay: 35.955 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 24.25 Mbit/s

95th percentile per-packet one-way delay: 37.706 ms

Loss rate: 0.19%

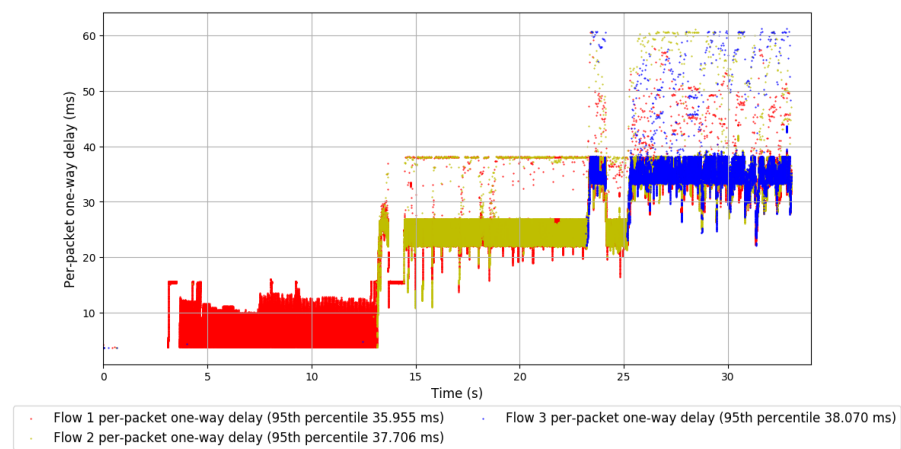
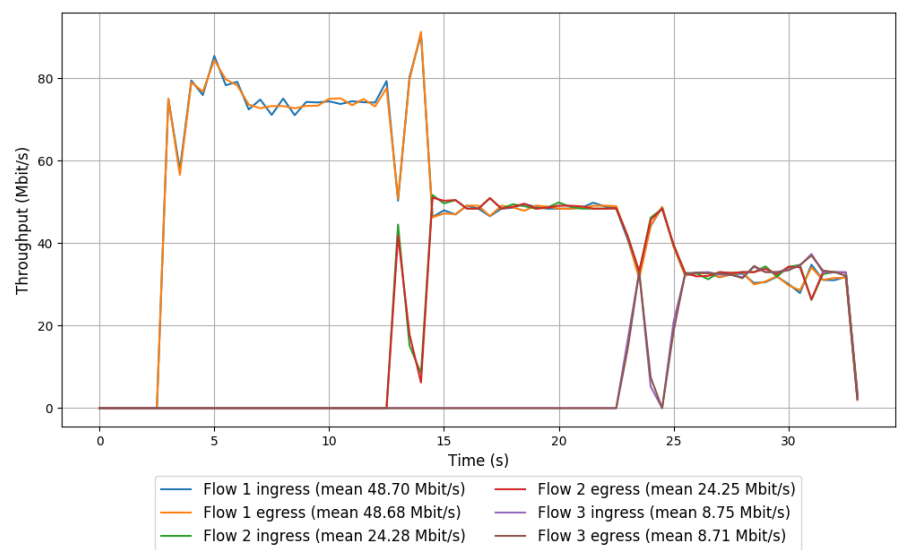
-- Flow 3:

Average throughput: 8.71 Mbit/s

95th percentile per-packet one-way delay: 38.070 ms

Loss rate: 0.54%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sat, 01 Jul 2017 13:33:46 +0000

End at: Sat, 01 Jul 2017 13:34:16 +0000

Local clock offset: -2.02 ms

Remote clock offset: -0.161 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:56:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 38.160 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 48.91 Mbit/s

95th percentile per-packet one-way delay: 37.667 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 25.82 Mbit/s

95th percentile per-packet one-way delay: 37.978 ms

Loss rate: 0.25%

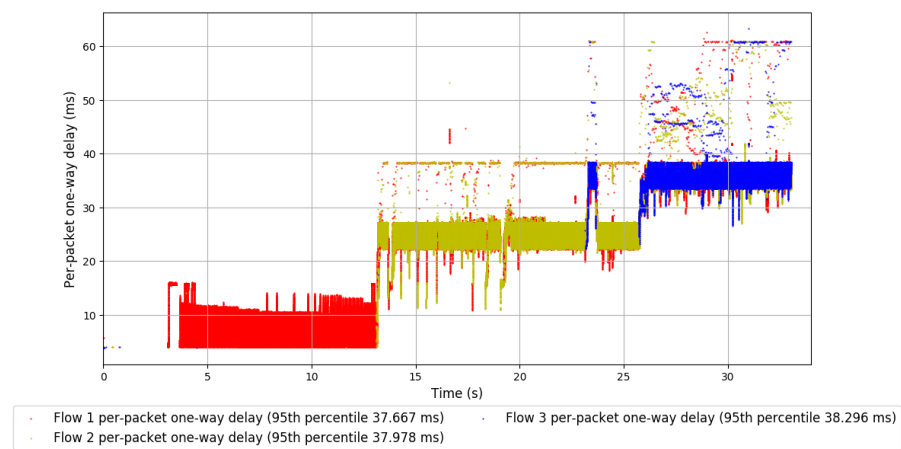
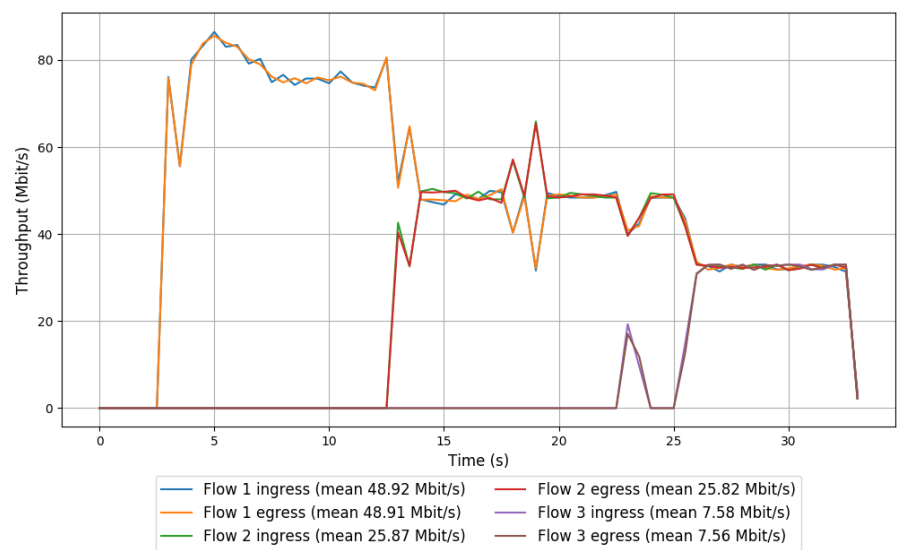
-- Flow 3:

Average throughput: 7.56 Mbit/s

95th percentile per-packet one-way delay: 38.296 ms

Loss rate: 0.45%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sat, 01 Jul 2017 13:51:00 +0000

End at: Sat, 01 Jul 2017 13:51:30 +0000

Local clock offset: -2.213 ms

Remote clock offset: -0.456 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:56:56 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.20 Mbit/s

95th percentile per-packet one-way delay: 38.156 ms

Loss rate: 0.25%

-- Flow 1:

Average throughput: 44.84 Mbit/s

95th percentile per-packet one-way delay: 37.227 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 25.72 Mbit/s

95th percentile per-packet one-way delay: 38.198 ms

Loss rate: 0.36%

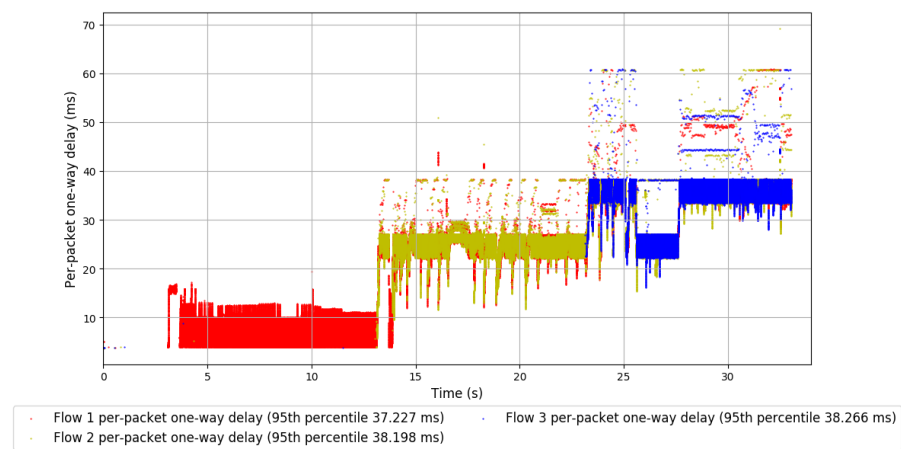
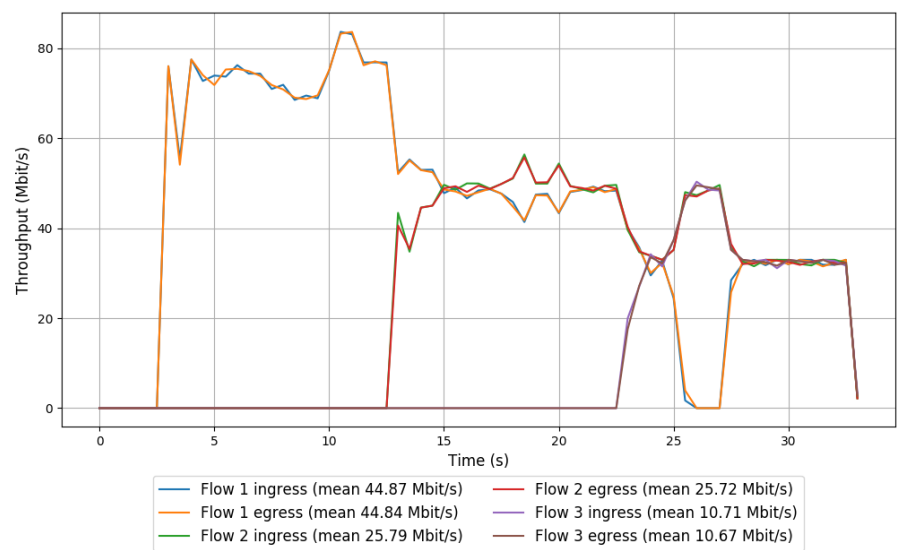
-- Flow 3:

Average throughput: 10.67 Mbit/s

95th percentile per-packet one-way delay: 38.266 ms

Loss rate: 0.44%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sat, 01 Jul 2017 14:08:11 +0000

End at: Sat, 01 Jul 2017 14:08:41 +0000

Local clock offset: -2.154 ms

Remote clock offset: -0.648 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:57:12 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.54 Mbit/s

95th percentile per-packet one-way delay: 37.999 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 47.26 Mbit/s

95th percentile per-packet one-way delay: 37.931 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 23.41 Mbit/s

95th percentile per-packet one-way delay: 38.019 ms

Loss rate: 0.24%

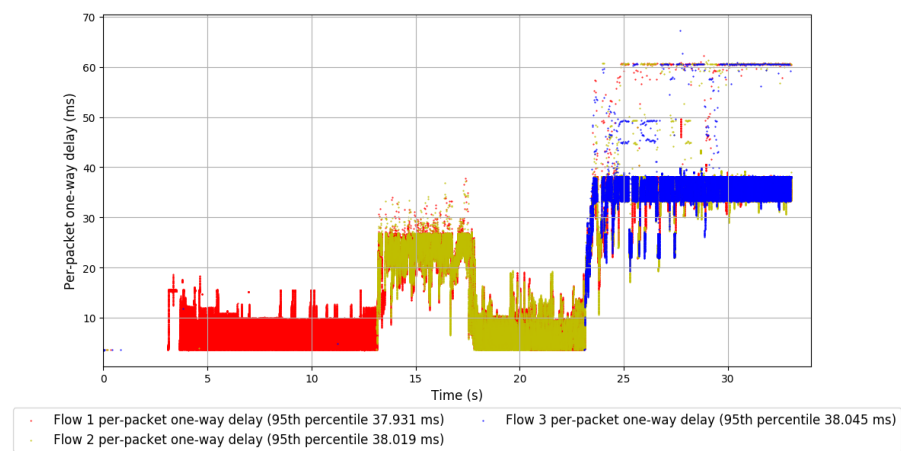
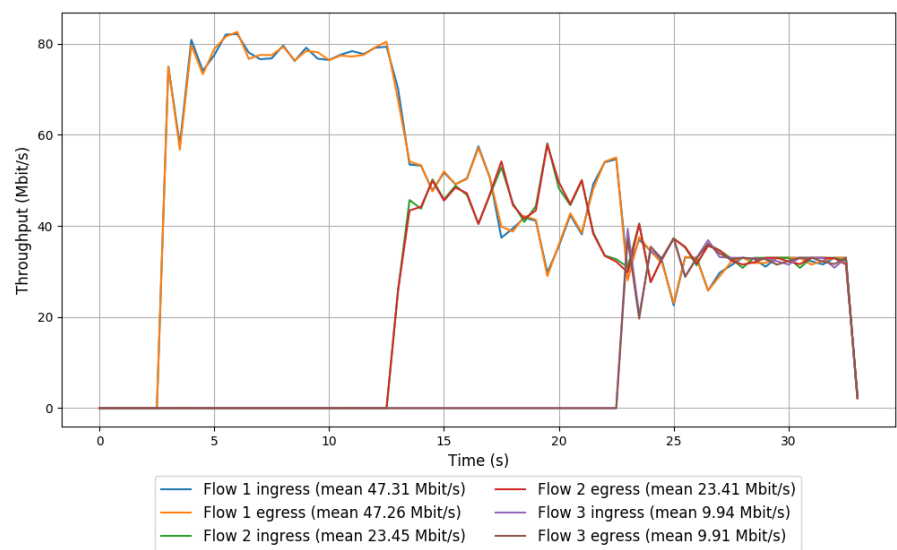
-- Flow 3:

Average throughput: 9.91 Mbit/s

95th percentile per-packet one-way delay: 38.045 ms

Loss rate: 0.39%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Sat, 01 Jul 2017 14:25:18 +0000

End at: Sat, 01 Jul 2017 14:25:48 +0000

Local clock offset: -1.97 ms

Remote clock offset: -0.763 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:57:38 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.65 Mbit/s

95th percentile per-packet one-way delay: 37.582 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 46.63 Mbit/s

95th percentile per-packet one-way delay: 37.489 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 37.510 ms

Loss rate: 0.29%

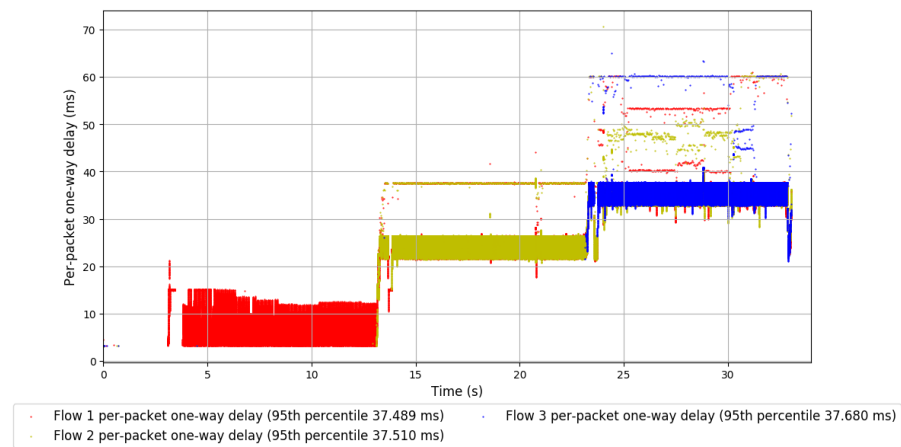
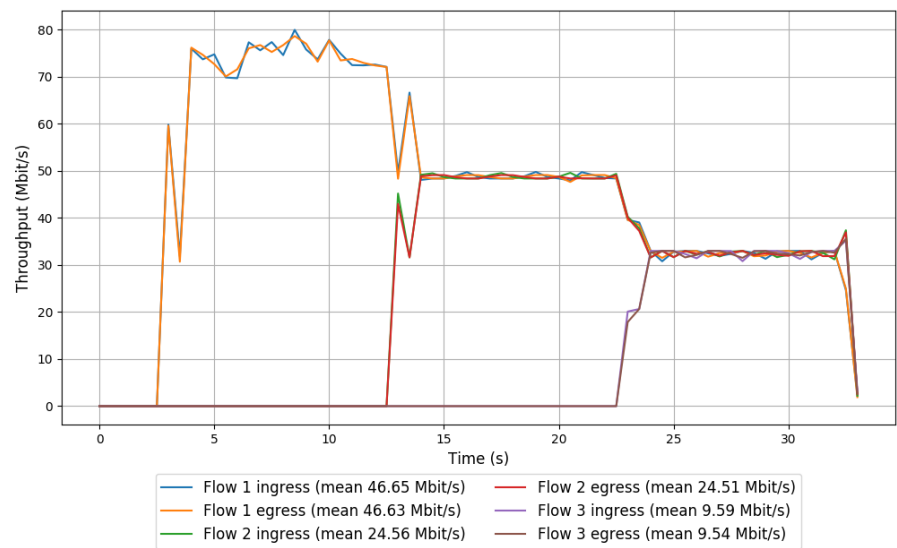
-- Flow 3:

Average throughput: 9.54 Mbit/s

95th percentile per-packet one-way delay: 37.680 ms

Loss rate: 0.53%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Sat, 01 Jul 2017 14:42:36 +0000

End at: Sat, 01 Jul 2017 14:43:06 +0000

Local clock offset: -1.784 ms

Remote clock offset: -1.156 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.07 Mbit/s

95th percentile per-packet one-way delay: 36.508 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 50.03 Mbit/s

95th percentile per-packet one-way delay: 35.385 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 26.47 Mbit/s

95th percentile per-packet one-way delay: 36.370 ms

Loss rate: 0.17%

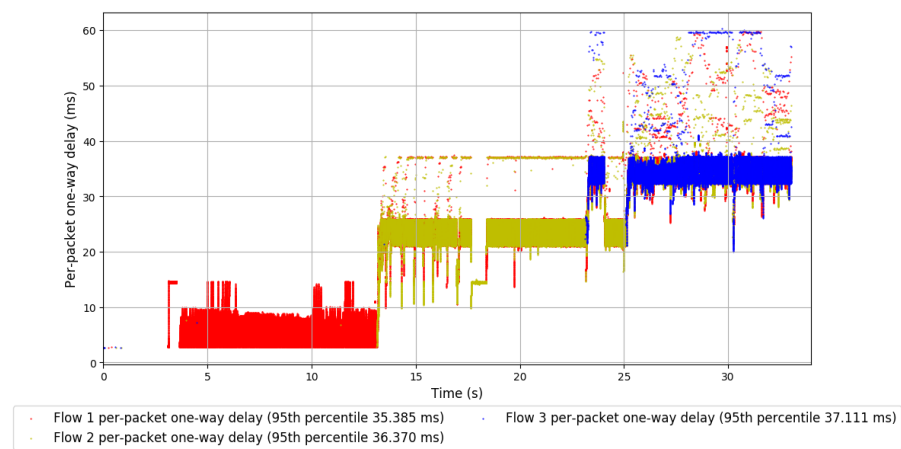
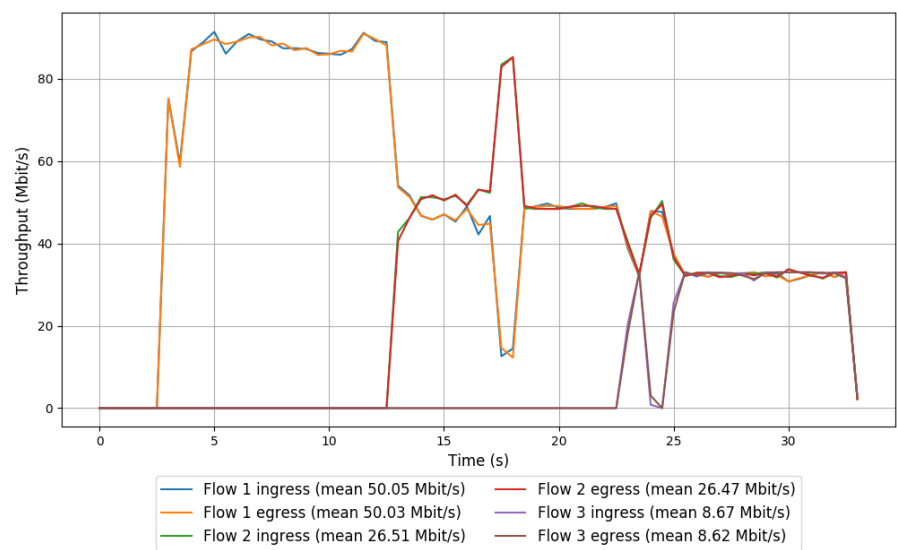
-- Flow 3:

Average throughput: 8.62 Mbit/s

95th percentile per-packet one-way delay: 37.111 ms

Loss rate: 0.61%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 12:04:29 +0000

End at: Sat, 01 Jul 2017 12:04:59 +0000

Local clock offset: -0.915 ms

Remote clock offset: 0.169 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.99 Mbit/s

95th percentile per-packet one-way delay: 4.532 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 4.606 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.34 Mbit/s

95th percentile per-packet one-way delay: 4.494 ms

Loss rate: 0.00%

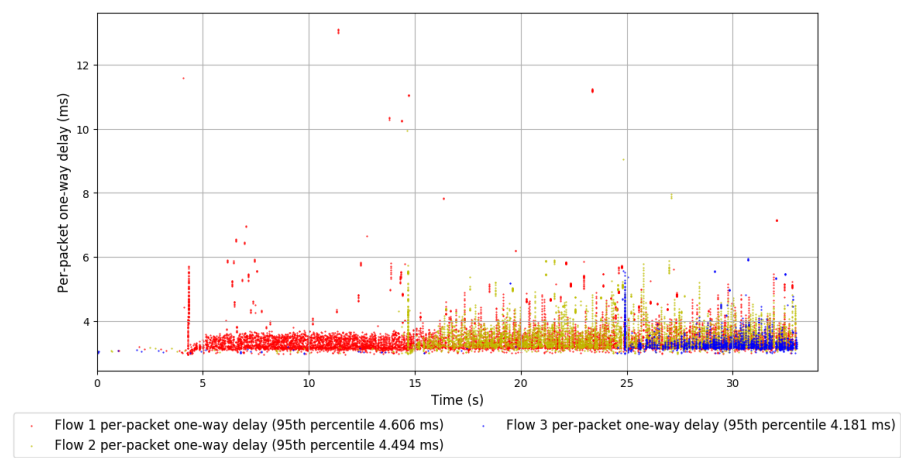
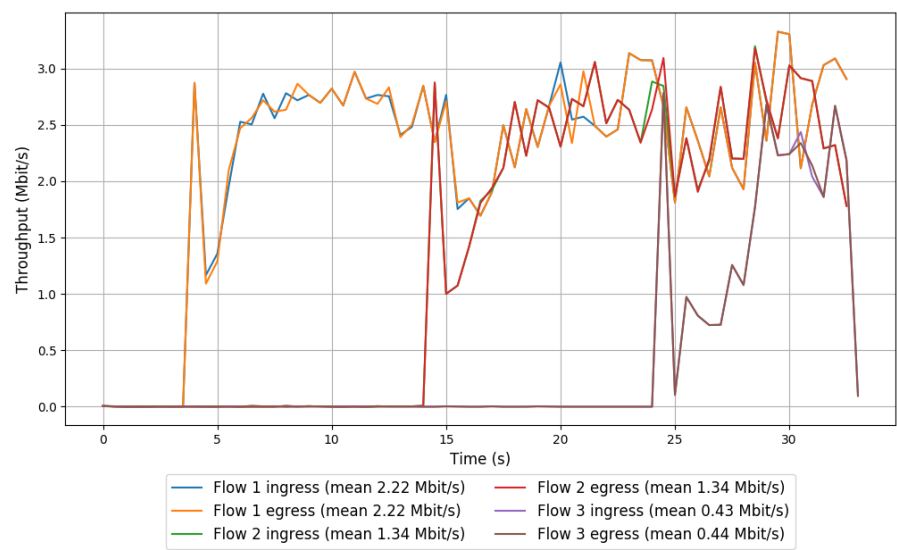
-- Flow 3:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 4.181 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 12:21:39 +0000

End at: Sat, 01 Jul 2017 12:22:09 +0000

Local clock offset: -1.815 ms

Remote clock offset: 0.178 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.16 Mbit/s

95th percentile per-packet one-way delay: 5.339 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: 5.210 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.36 Mbit/s

95th percentile per-packet one-way delay: 5.344 ms

Loss rate: 0.02%

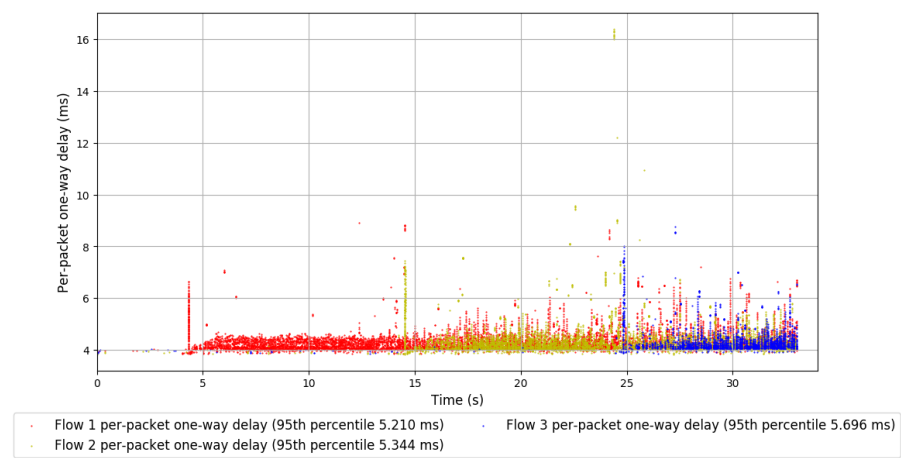
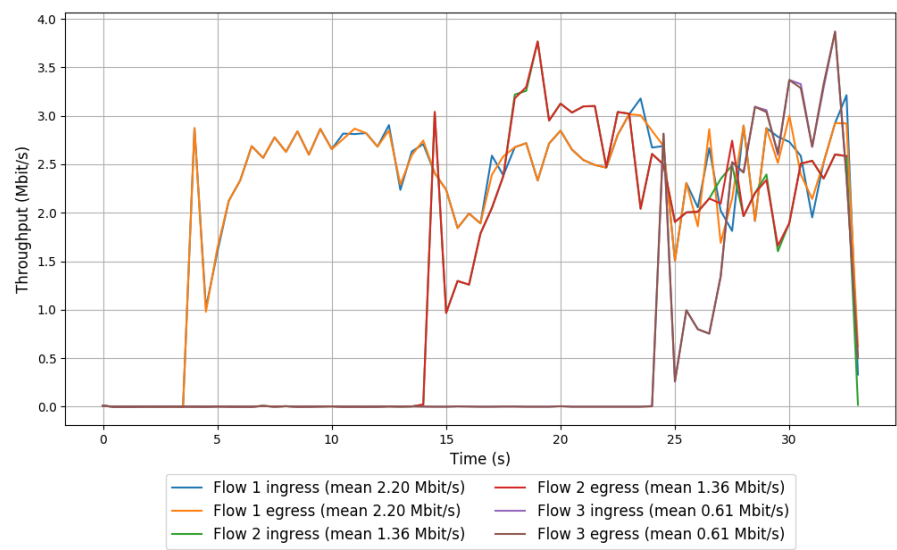
-- Flow 3:

Average throughput: 0.61 Mbit/s

95th percentile per-packet one-way delay: 5.696 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 12:38:55 +0000

End at: Sat, 01 Jul 2017 12:39:25 +0000

Local clock offset: -1.927 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.78 Mbit/s

95th percentile per-packet one-way delay: 5.662 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.13 Mbit/s

95th percentile per-packet one-way delay: 5.547 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.93 Mbit/s

95th percentile per-packet one-way delay: 6.122 ms

Loss rate: 0.00%

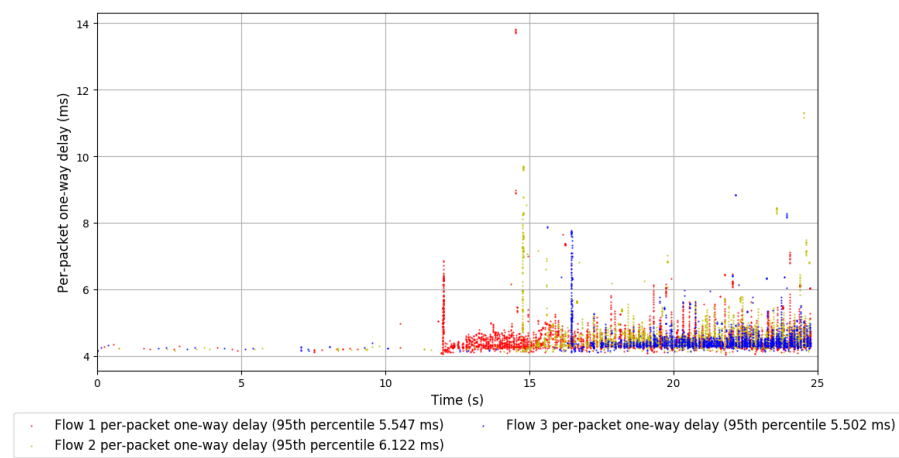
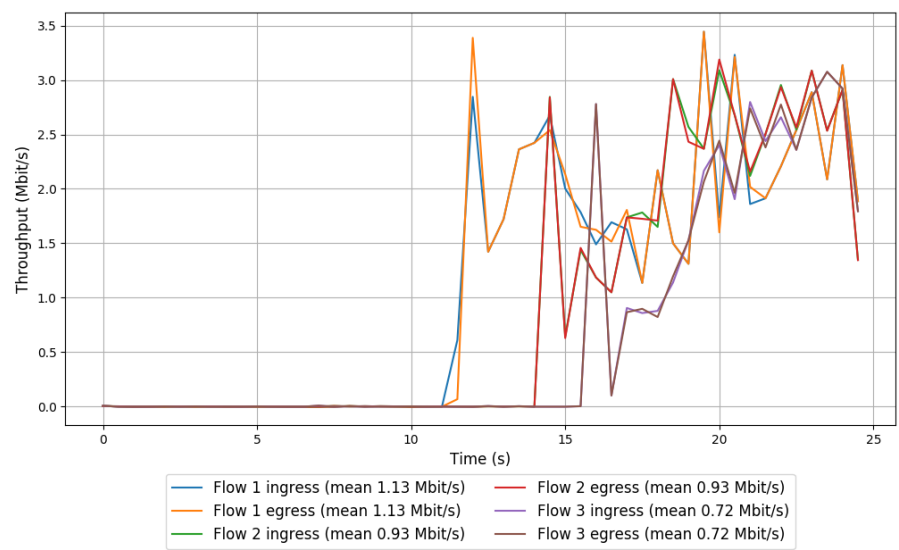
-- Flow 3:

Average throughput: 0.72 Mbit/s

95th percentile per-packet one-way delay: 5.502 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 12:56:05 +0000

End at: Sat, 01 Jul 2017 12:56:35 +0000

Local clock offset: -1.758 ms

Remote clock offset: -0.052 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:08 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.18 Mbit/s

95th percentile per-packet one-way delay: 5.095 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 4.872 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 1.37 Mbit/s

95th percentile per-packet one-way delay: 5.233 ms

Loss rate: 0.00%

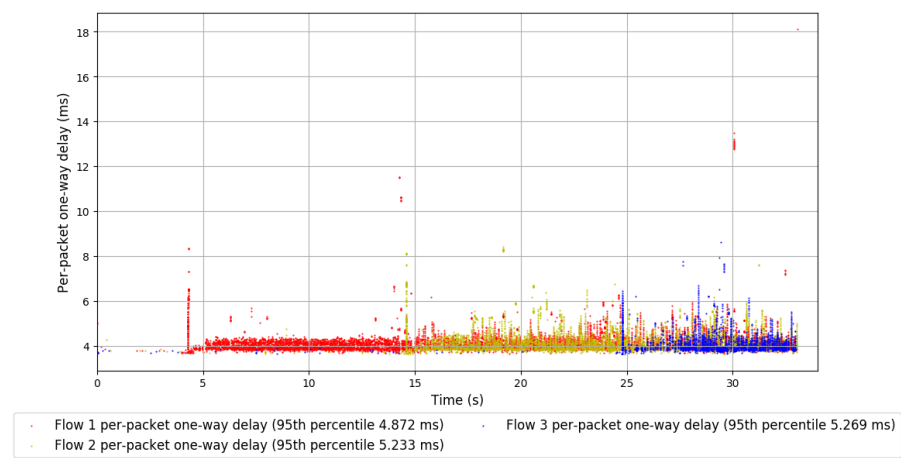
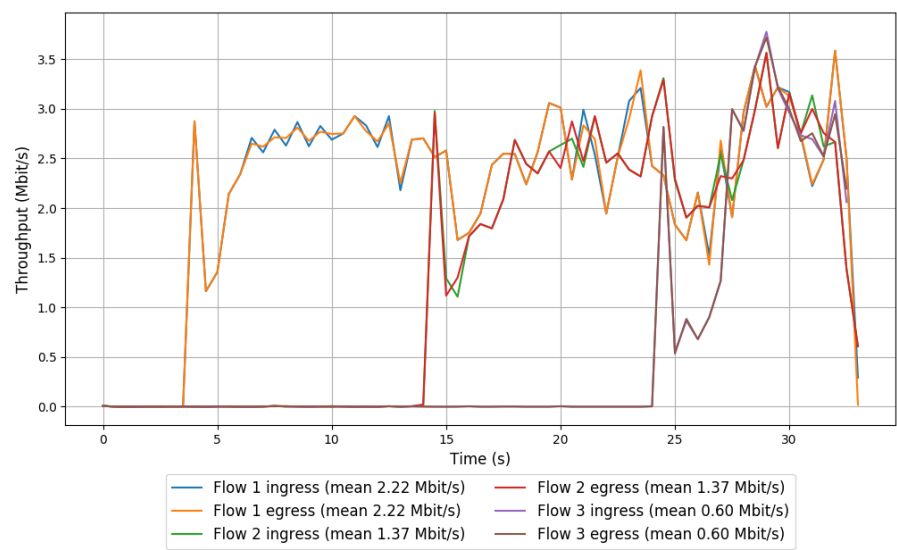
-- Flow 3:

Average throughput: 0.60 Mbit/s

95th percentile per-packet one-way delay: 5.269 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 13:13:16 +0000

End at: Sat, 01 Jul 2017 13:13:46 +0000

Local clock offset: -1.75 ms

Remote clock offset: -0.178 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.12 Mbit/s

95th percentile per-packet one-way delay: 5.099 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.19 Mbit/s

95th percentile per-packet one-way delay: 4.974 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 5.080 ms

Loss rate: 0.00%

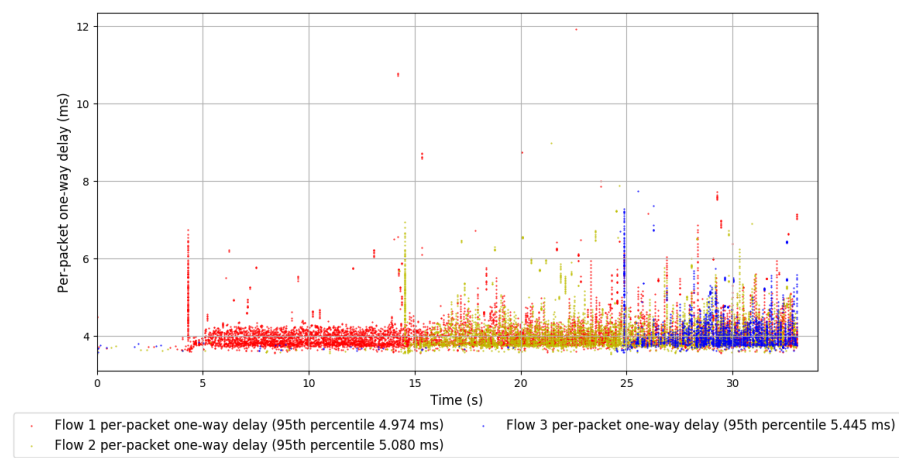
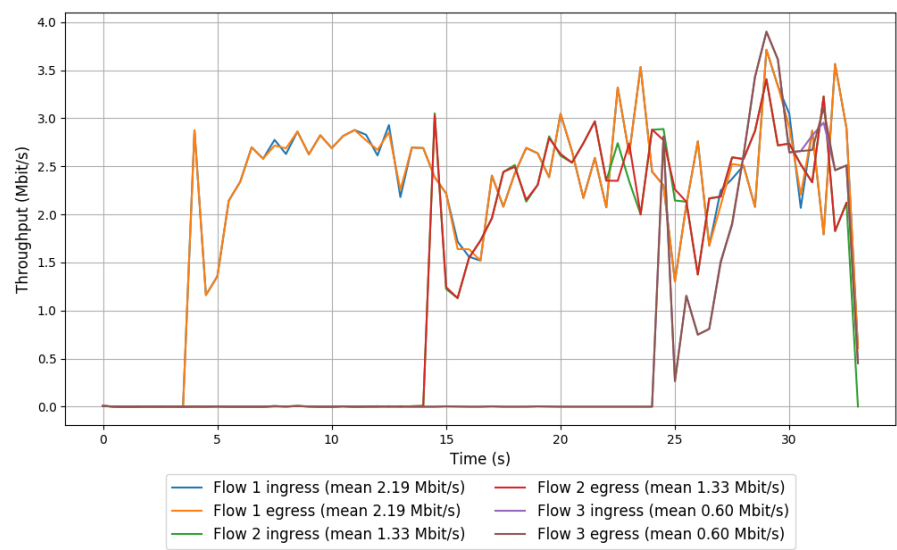
-- Flow 3:

Average throughput: 0.60 Mbit/s

95th percentile per-packet one-way delay: 5.445 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 13:30:27 +0000

End at: Sat, 01 Jul 2017 13:30:57 +0000

Local clock offset: -1.957 ms

Remote clock offset: -0.163 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:16 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.83 Mbit/s

95th percentile per-packet one-way delay: 5.317 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 5.899 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.94 Mbit/s

95th percentile per-packet one-way delay: 5.163 ms

Loss rate: 0.00%

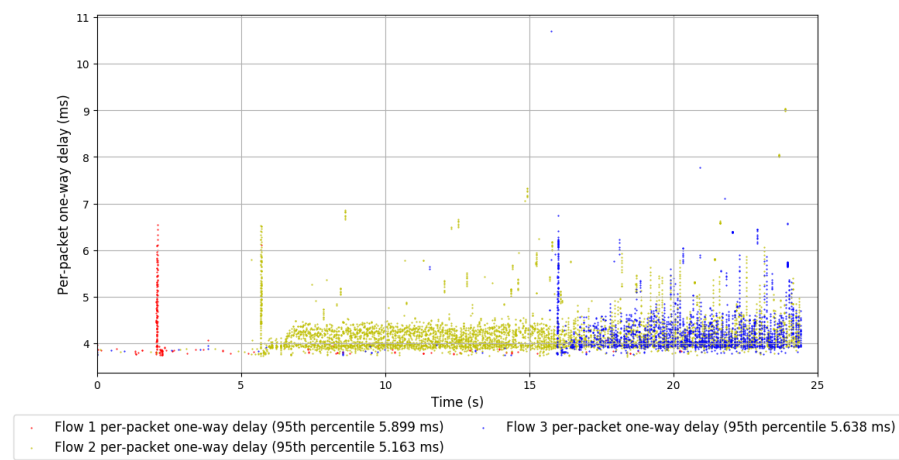
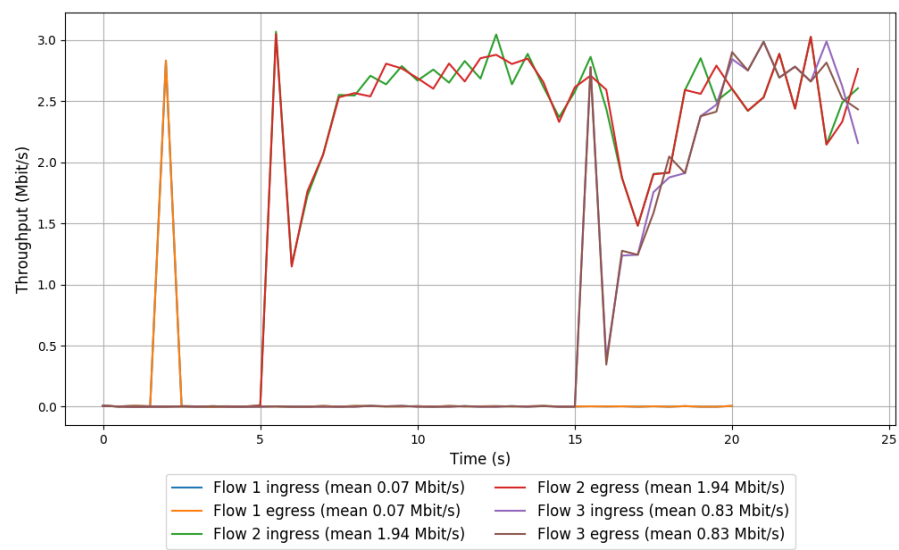
-- Flow 3:

Average throughput: 0.83 Mbit/s

95th percentile per-packet one-way delay: 5.638 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 13:47:41 +0000

End at: Sat, 01 Jul 2017 13:48:11 +0000

Local clock offset: -2.182 ms

Remote clock offset: -0.345 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:20 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.16 Mbit/s

95th percentile per-packet one-way delay: 5.178 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 5.079 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.35 Mbit/s

95th percentile per-packet one-way delay: 5.061 ms

Loss rate: 0.00%

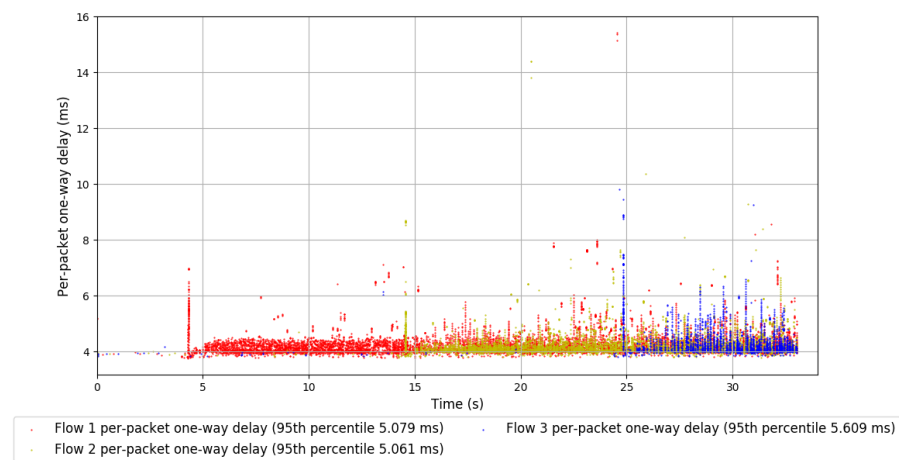
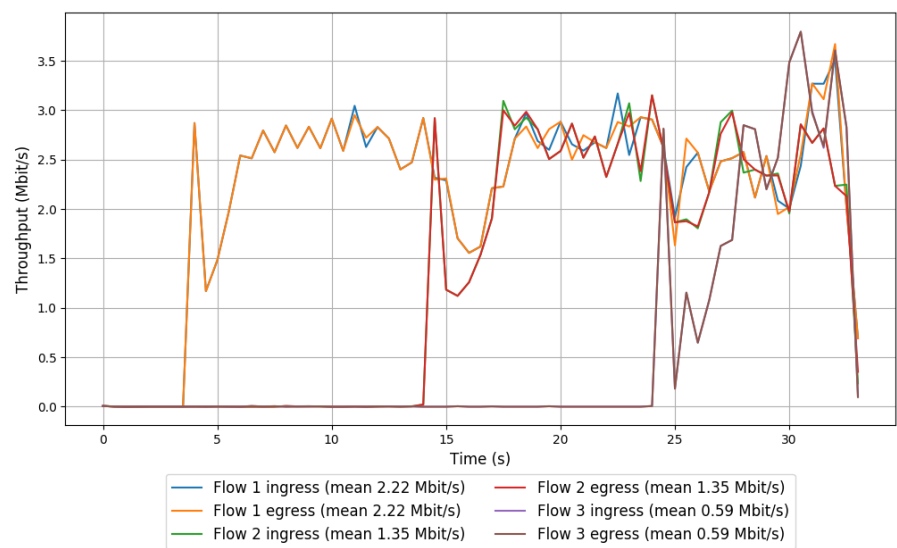
-- Flow 3:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 5.609 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 14:04:52 +0000

End at: Sat, 01 Jul 2017 14:05:22 +0000

Local clock offset: -2.163 ms

Remote clock offset: -0.493 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:23 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.45 Mbit/s

95th percentile per-packet one-way delay: 5.218 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.89 Mbit/s

95th percentile per-packet one-way delay: 5.181 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.81 Mbit/s

95th percentile per-packet one-way delay: 5.276 ms

Loss rate: 0.00%

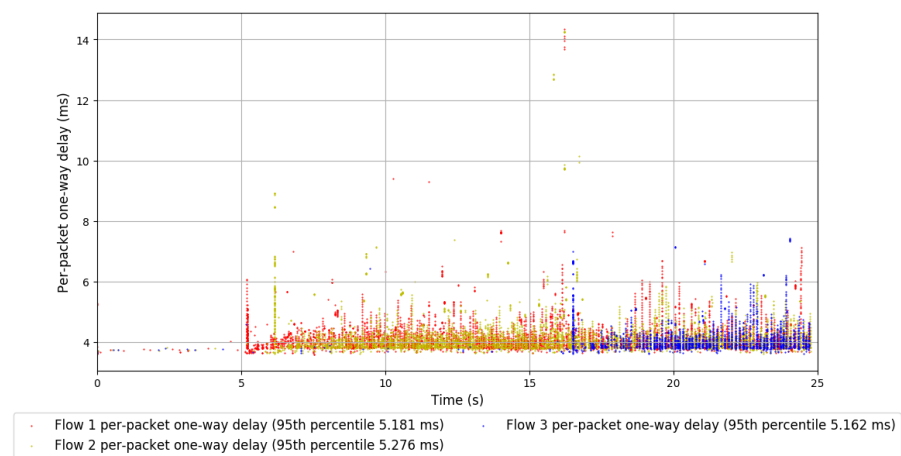
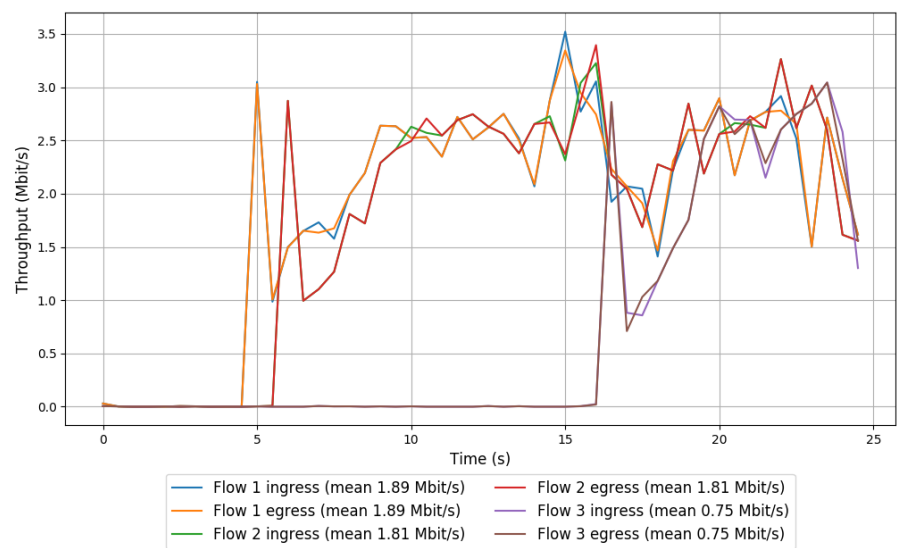
-- Flow 3:

Average throughput: 0.75 Mbit/s

95th percentile per-packet one-way delay: 5.162 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 14:21:59 +0000

End at: Sat, 01 Jul 2017 14:22:29 +0000

Local clock offset: -2.062 ms

Remote clock offset: -0.759 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:29 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.04 Mbit/s

95th percentile per-packet one-way delay: 4.775 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 4.752 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.31 Mbit/s

95th percentile per-packet one-way delay: 4.826 ms

Loss rate: 0.00%

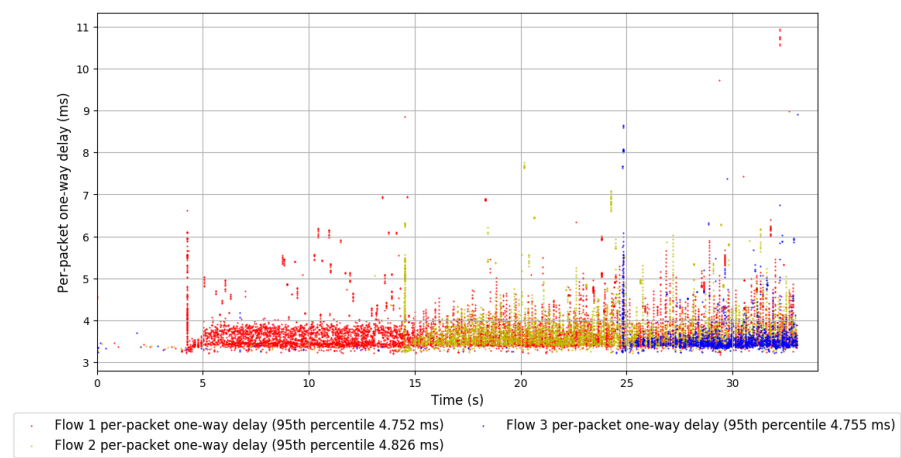
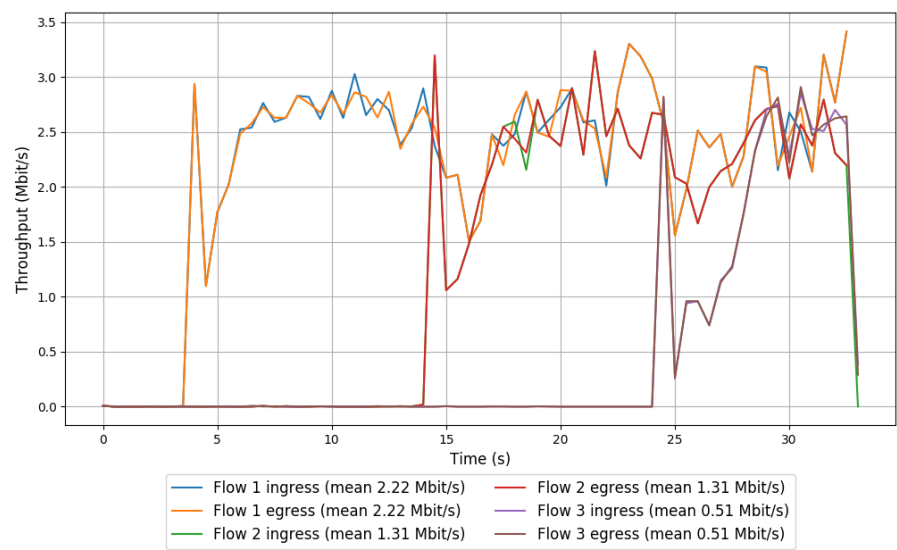
-- Flow 3:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 4.755 ms

Loss rate: 0.29%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sat, 01 Jul 2017 14:39:17 +0000

End at: Sat, 01 Jul 2017 14:39:47 +0000

Local clock offset: -1.801 ms

Remote clock offset: -1.094 ms

Below is generated by plot.py at Sat, 01 Jul 2017 17:58:30 +0000

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.84 Mbit/s

95th percentile per-packet one-way delay: 4.318 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.93 Mbit/s

95th percentile per-packet one-way delay: 4.191 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.32 Mbit/s

95th percentile per-packet one-way delay: 4.354 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 4.722 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

