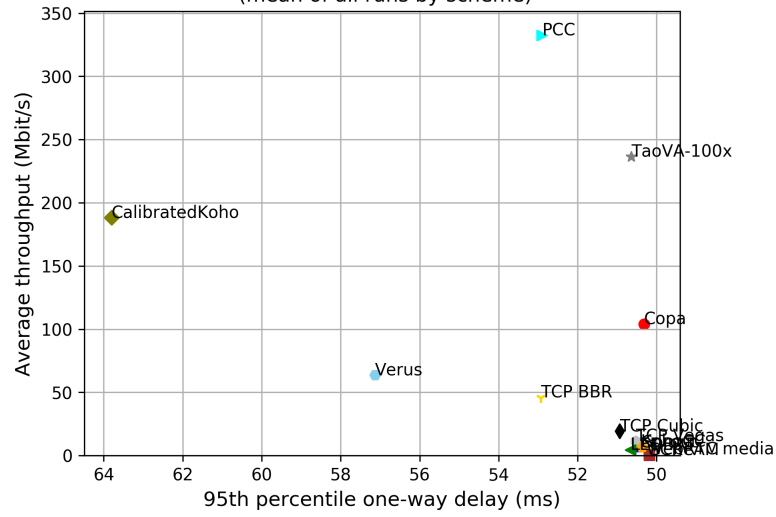


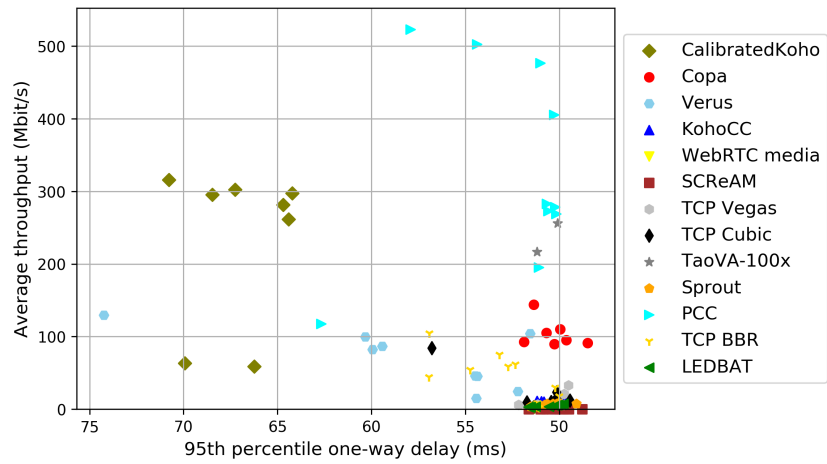
Pantheon Summary (Generated at Sun, 06 Aug 2017 05:11:59 +0000 with
pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path: GCE Iowa Ethernet (*local*) → GCE London Ethernet (*remote*).

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
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 @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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 GCE Iowa Ethernet to GCE London Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from GCE Iowa Ethernet to GCE London Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	45.79	52.93	25.98
CalibratedKoho	10	188.12	63.80	24.44
Copa	10	104.03	50.32	0.09
TCP Cubic	10	19.29	50.93	1.03
KohoCC	10	7.25	50.41	36.09
LEDBAT	10	4.58	50.67	2.79
PCC	10	332.38	52.90	12.60
QUIC Cubic	10	nan	nan	nan
Saturator	10	nan	nan	nan
SCReAM	10	0.22	50.19	0.00
Sprout	10	6.57	50.37	6.95
TaoVA-100x	10	236.38	50.65	0.53
TCP Vegas	10	11.58	50.53	1.74
Verus	10	63.59	57.13	55.84
WebRTC media	10	1.17	50.26	0.00

Run 1: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 02:15:05 +0000

End at: Sun, 06 Aug 2017 02:15:35 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.89 Mbit/s

95th percentile per-packet one-way delay: 52.735 ms

Loss rate: 16.80%

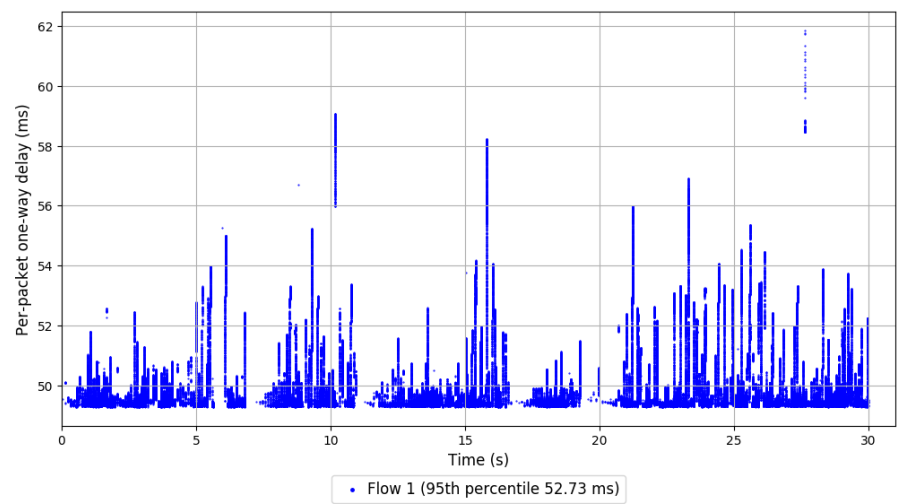
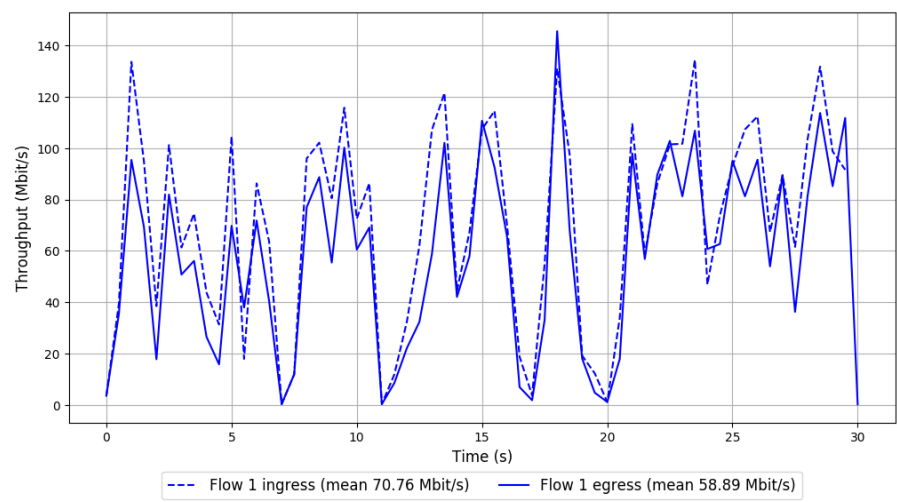
-- Flow 1:

Average throughput: 58.89 Mbit/s

95th percentile per-packet one-way delay: 52.735 ms

Loss rate: 16.80%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 02:25:06 +0000

End at: Sun, 06 Aug 2017 02:25:36 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.19 Mbit/s

95th percentile per-packet one-way delay: 50.224 ms

Loss rate: 34.58%

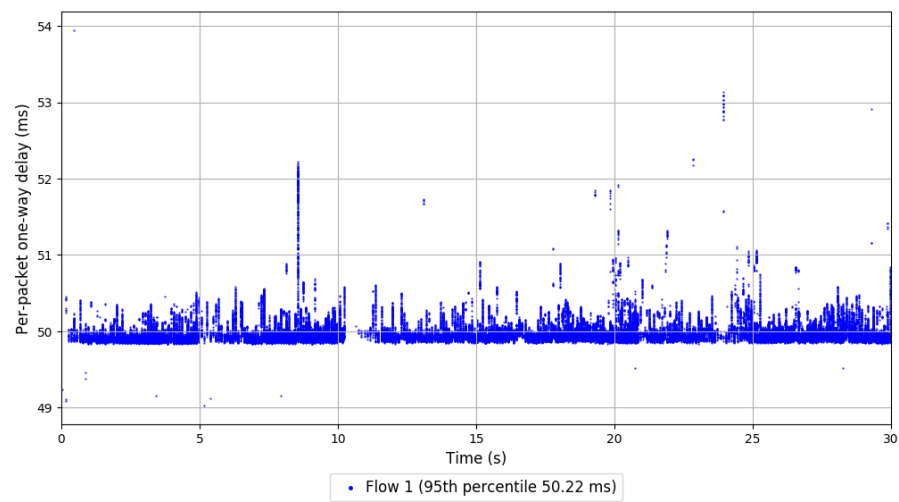
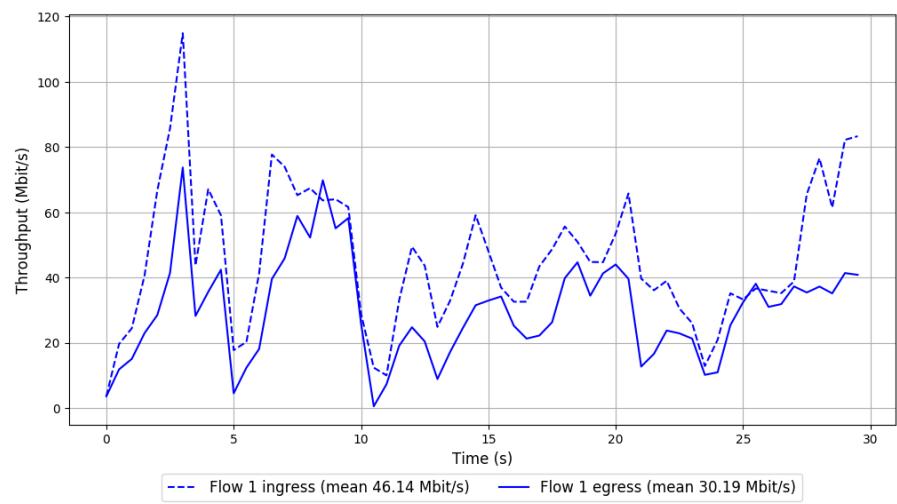
-- Flow 1:

Average throughput: 30.19 Mbit/s

95th percentile per-packet one-way delay: 50.224 ms

Loss rate: 34.58%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 02:35:05 +0000

End at: Sun, 06 Aug 2017 02:35:35 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.04 Mbit/s

95th percentile per-packet one-way delay: 53.188 ms

Loss rate: 10.44%

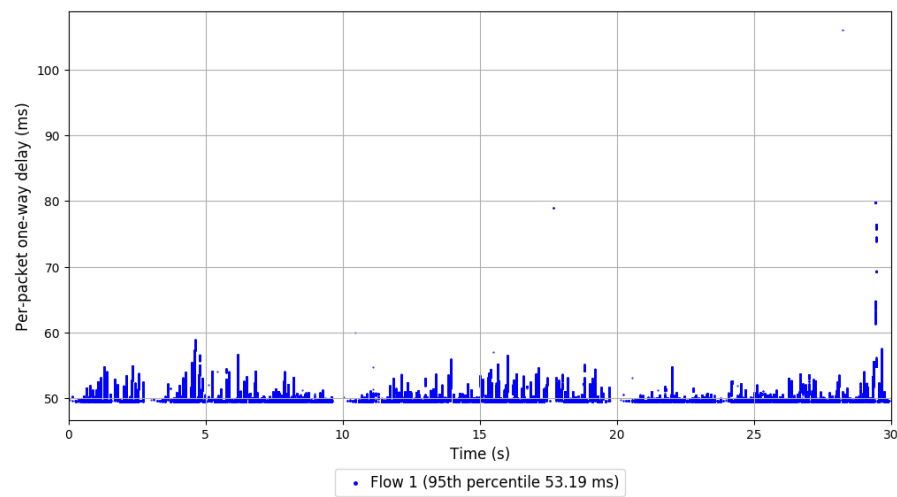
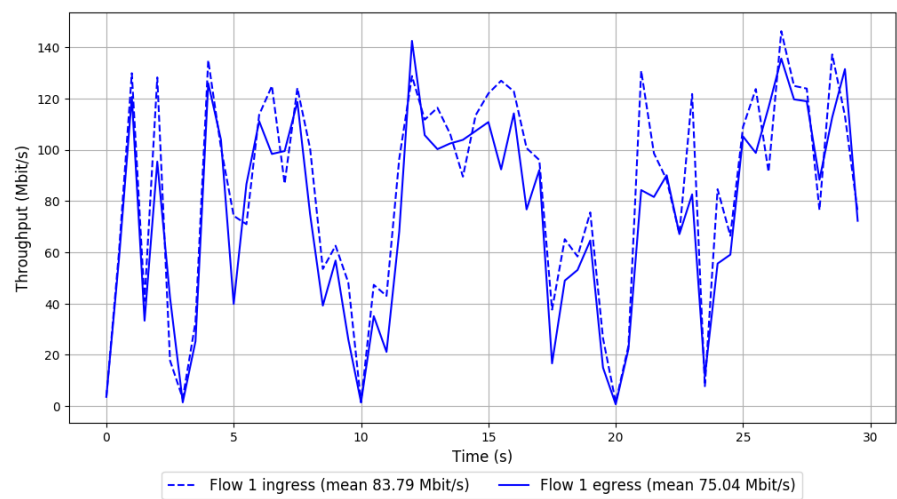
-- Flow 1:

Average throughput: 75.04 Mbit/s

95th percentile per-packet one-way delay: 53.188 ms

Loss rate: 10.44%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 02:45:25 +0000

End at: Sun, 06 Aug 2017 02:45:55 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.78 Mbit/s

95th percentile per-packet one-way delay: 52.345 ms

Loss rate: 17.82%

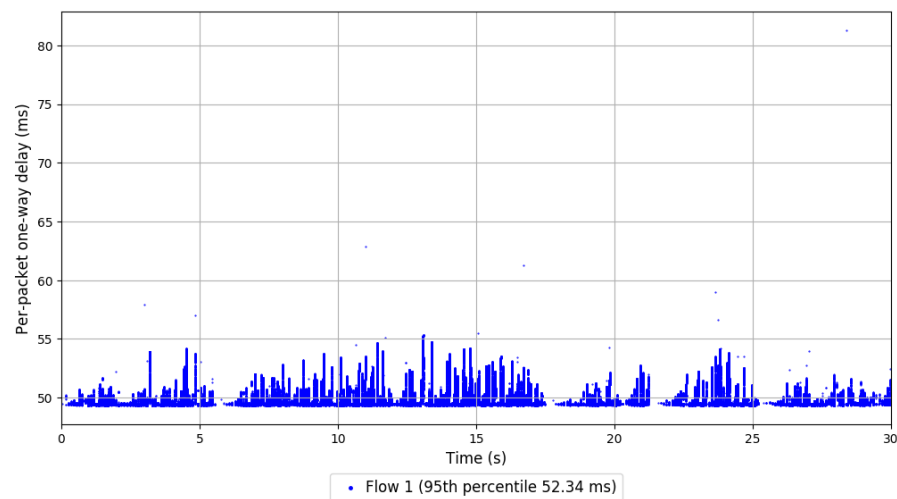
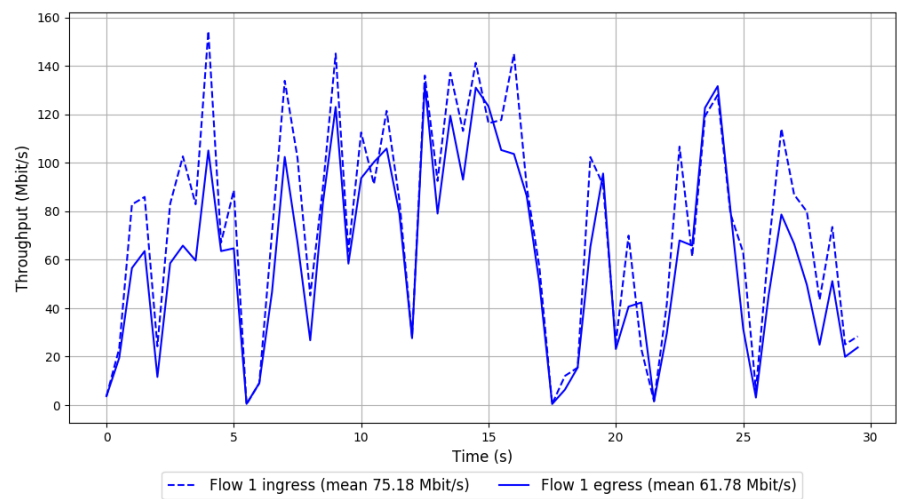
-- Flow 1:

Average throughput: 61.78 Mbit/s

95th percentile per-packet one-way delay: 52.345 ms

Loss rate: 17.82%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 02:55:43 +0000

End at: Sun, 06 Aug 2017 02:56:13 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 104.72 Mbit/s

95th percentile per-packet one-way delay: 56.912 ms

Loss rate: 5.30%

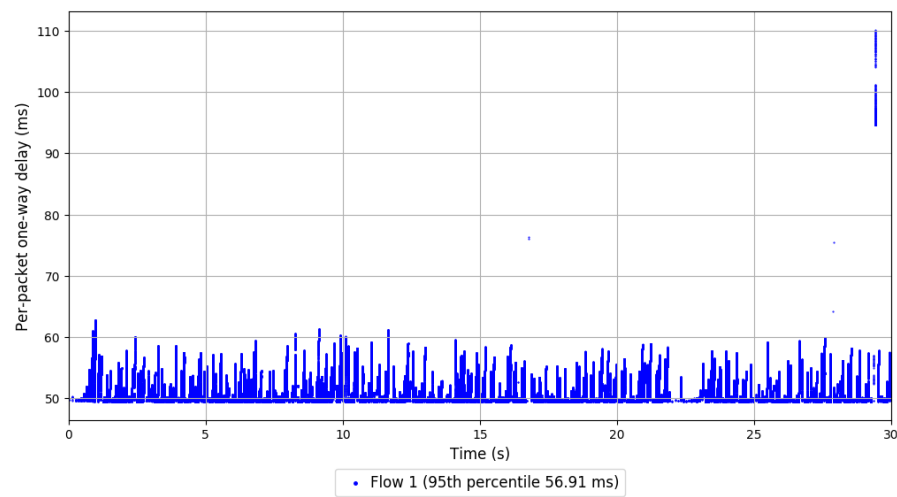
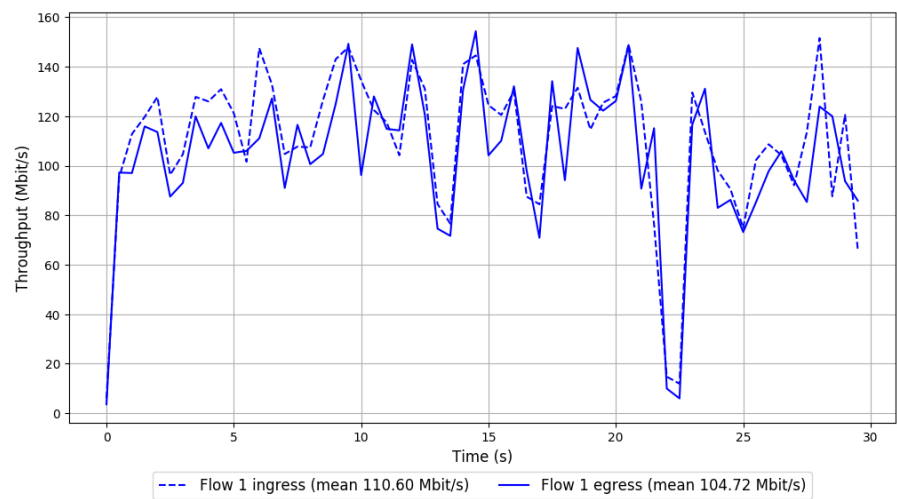
-- Flow 1:

Average throughput: 104.72 Mbit/s

95th percentile per-packet one-way delay: 56.912 ms

Loss rate: 5.30%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 03:05:58 +0000

End at: Sun, 06 Aug 2017 03:06:28 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.48 Mbit/s

95th percentile per-packet one-way delay: 56.948 ms

Loss rate: 29.28%

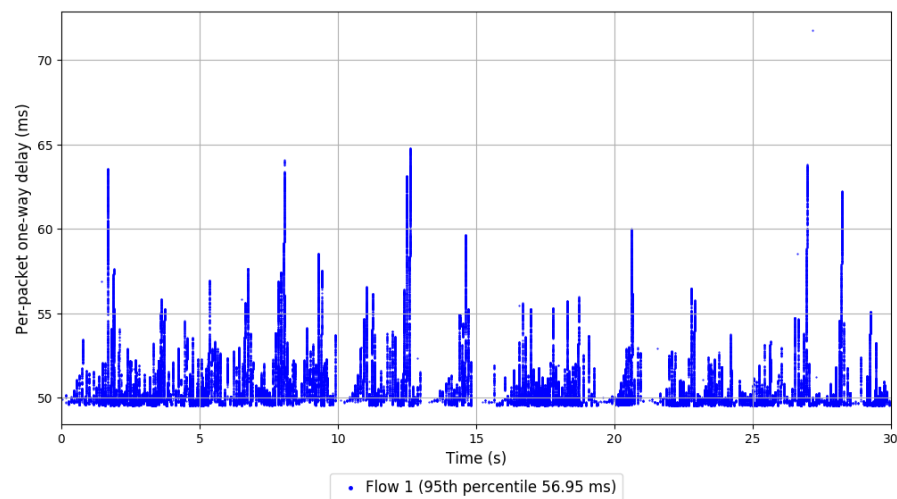
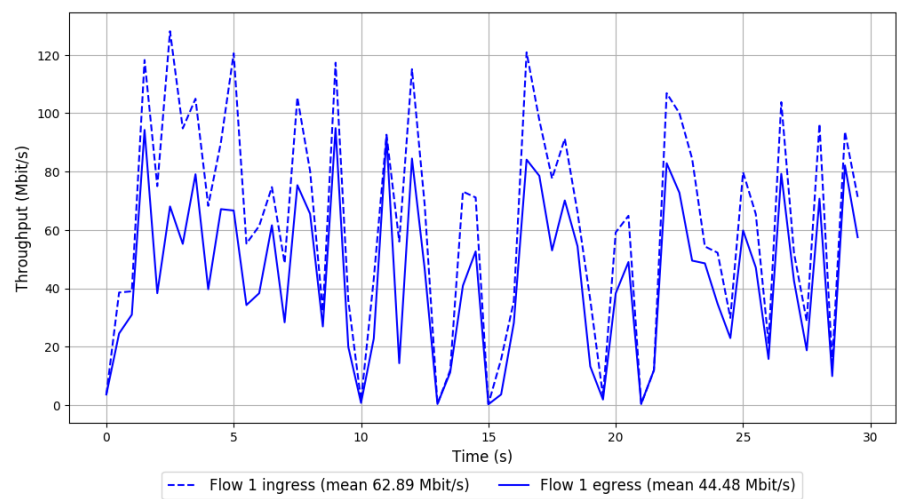
-- Flow 1:

Average throughput: 44.48 Mbit/s

95th percentile per-packet one-way delay: 56.948 ms

Loss rate: 29.28%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 03:16:07 +0000

End at: Sun, 06 Aug 2017 03:16:37 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.99 Mbit/s

95th percentile per-packet one-way delay: 50.016 ms

Loss rate: 39.22%

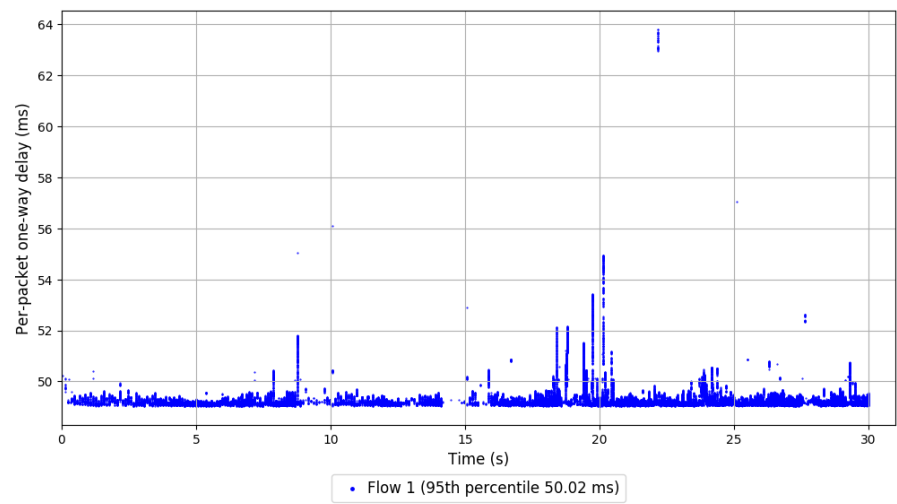
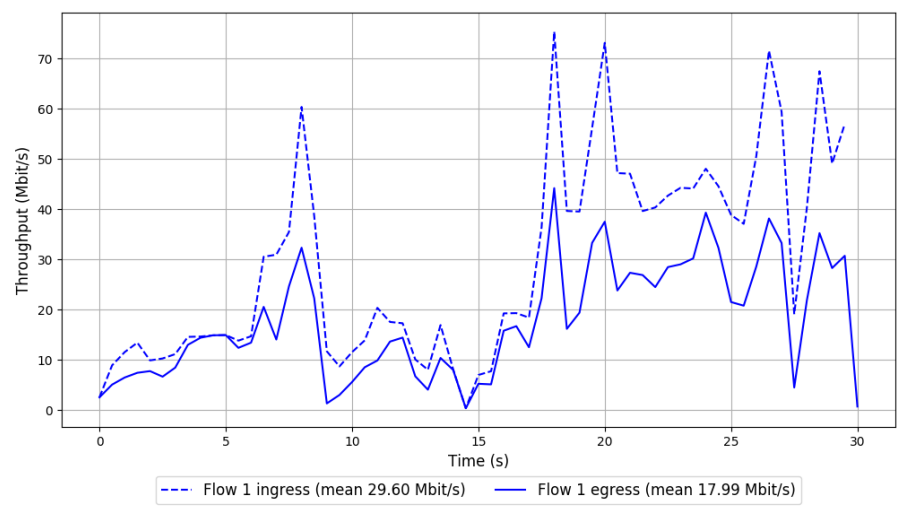
-- Flow 1:

Average throughput: 17.99 Mbit/s

95th percentile per-packet one-way delay: 50.016 ms

Loss rate: 39.22%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 03:26:19 +0000

End at: Sun, 06 Aug 2017 03:26:49 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:54:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 51.080 ms

Loss rate: 50.33%

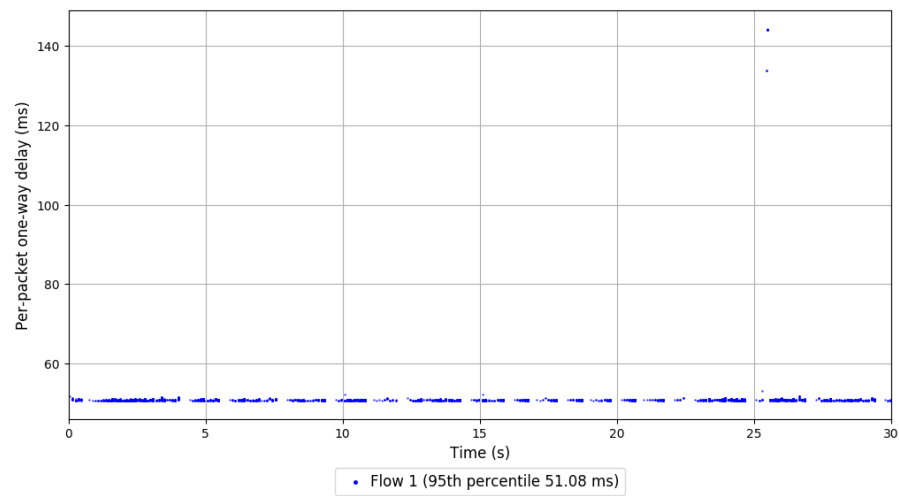
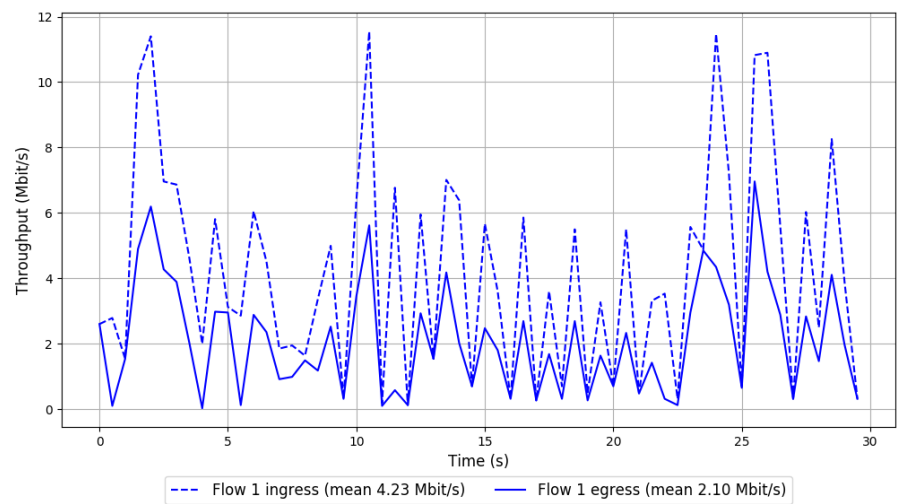
-- Flow 1:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 51.080 ms

Loss rate: 50.33%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 03:36:25 +0000

End at: Sun, 06 Aug 2017 03:36:55 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:55:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.60 Mbit/s

95th percentile per-packet one-way delay: 51.147 ms

Loss rate: 37.58%

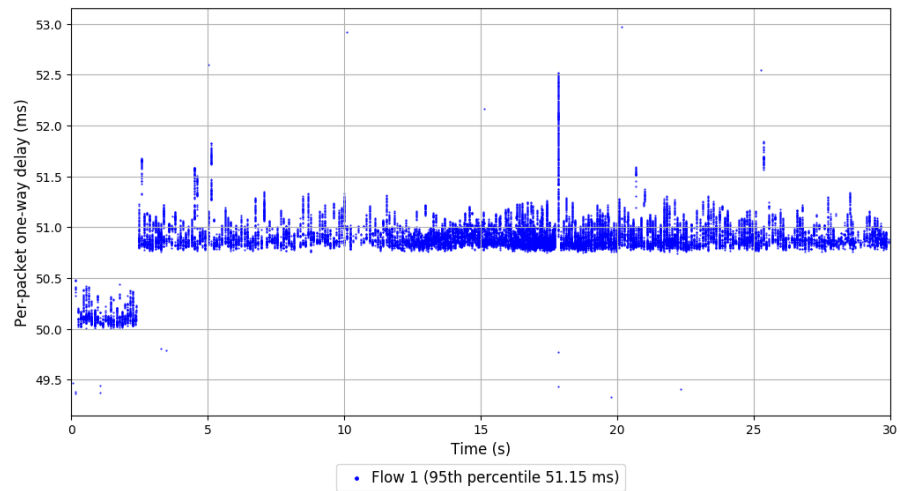
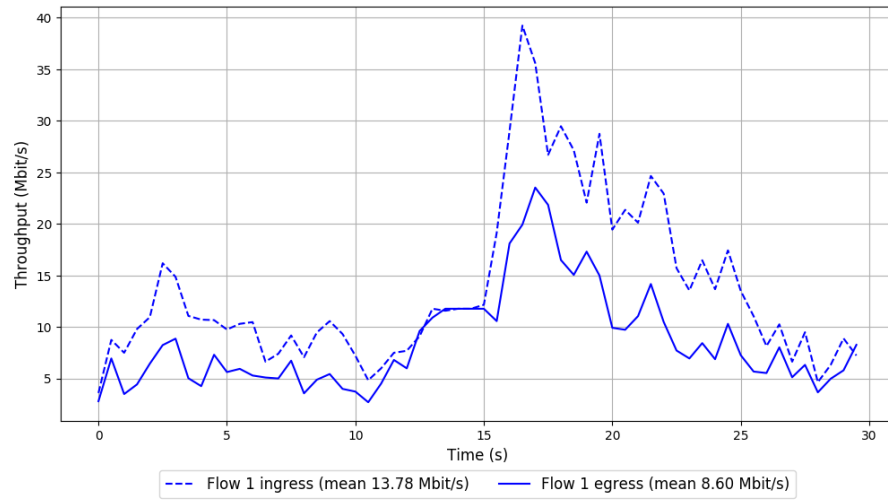
-- Flow 1:

Average throughput: 8.60 Mbit/s

95th percentile per-packet one-way delay: 51.147 ms

Loss rate: 37.58%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sun, 06 Aug 2017 03:46:04 +0000

End at: Sun, 06 Aug 2017 03:46:34 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:55:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.15 Mbit/s

95th percentile per-packet one-way delay: 54.743 ms

Loss rate: 18.41%

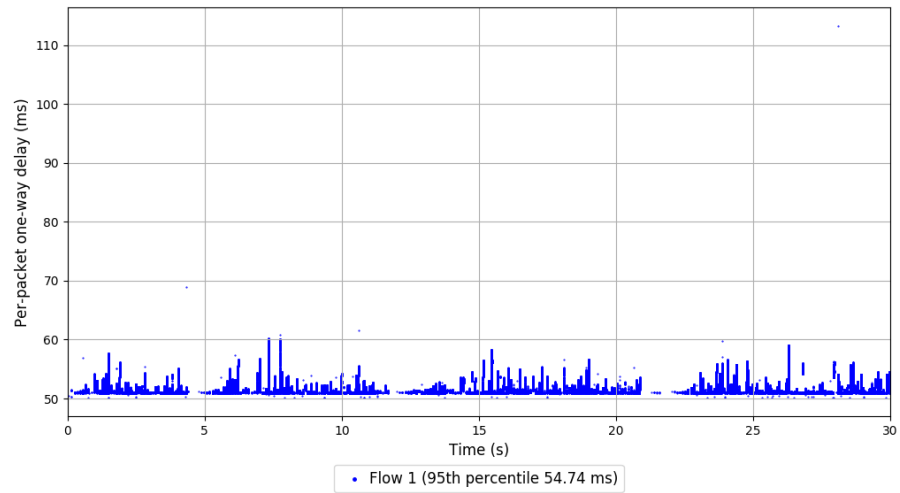
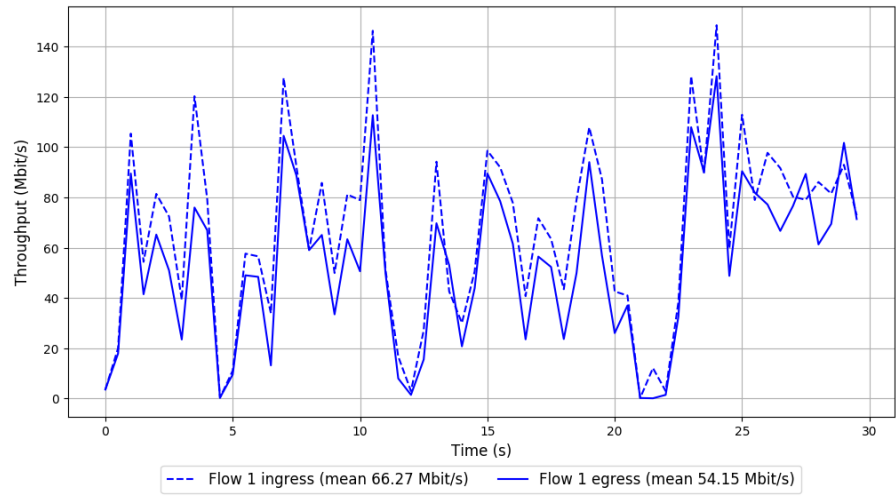
-- Flow 1:

Average throughput: 54.15 Mbit/s

95th percentile per-packet one-way delay: 54.743 ms

Loss rate: 18.41%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 02:11:29 +0000

End at: Sun, 06 Aug 2017 02:11:59 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:55:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 281.29 Mbit/s

95th percentile per-packet one-way delay: 64.706 ms

Loss rate: 4.07%

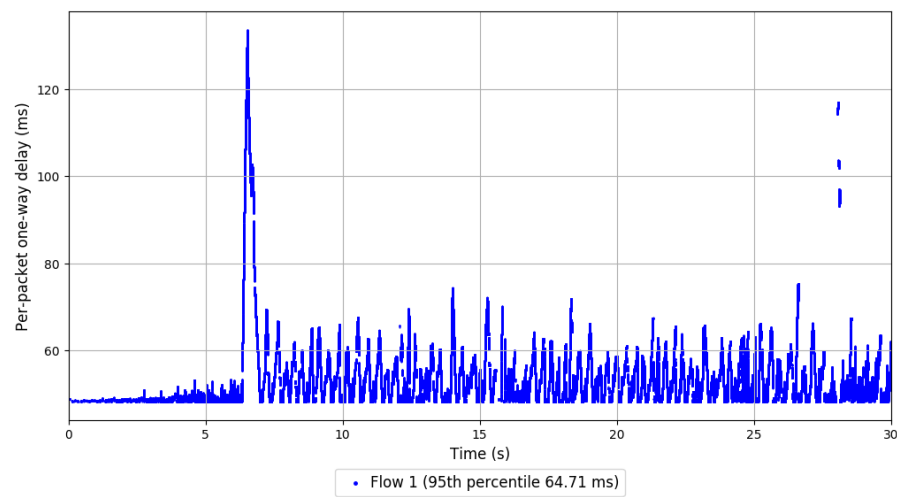
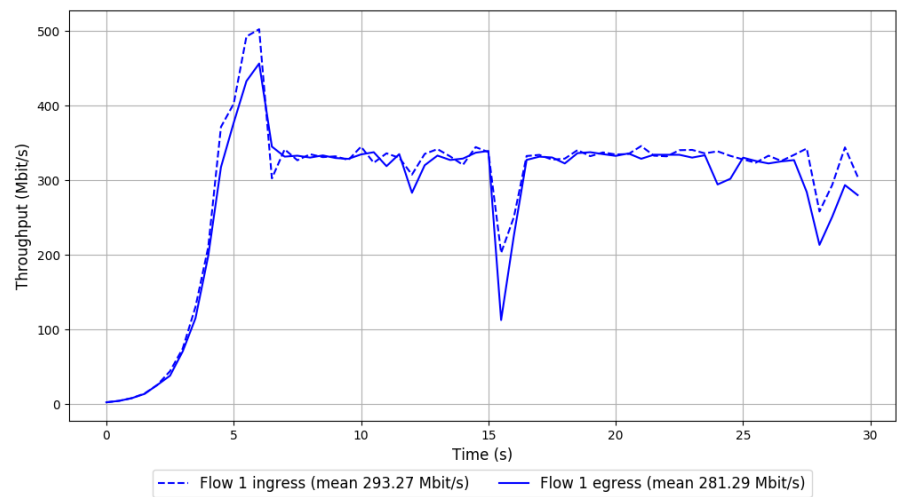
-- Flow 1:

Average throughput: 281.29 Mbit/s

95th percentile per-packet one-way delay: 64.706 ms

Loss rate: 4.07%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 02:21:37 +0000

End at: Sun, 06 Aug 2017 02:22:07 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:55:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.34 Mbit/s

95th percentile per-packet one-way delay: 69.925 ms

Loss rate: 43.92%

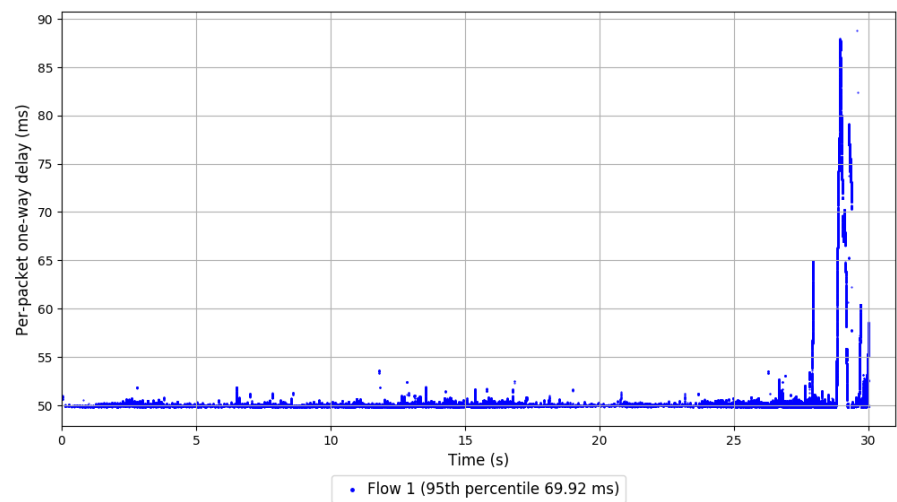
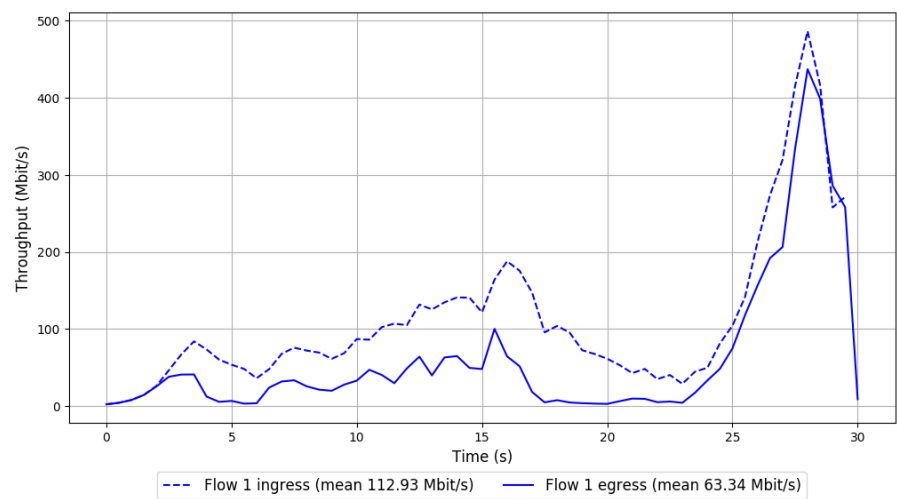
-- Flow 1:

Average throughput: 63.34 Mbit/s

95th percentile per-packet one-way delay: 69.925 ms

Loss rate: 43.92%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 02:31:37 +0000

End at: Sun, 06 Aug 2017 02:32:07 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:55:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.77 Mbit/s

95th percentile per-packet one-way delay: 66.244 ms

Loss rate: 40.02%

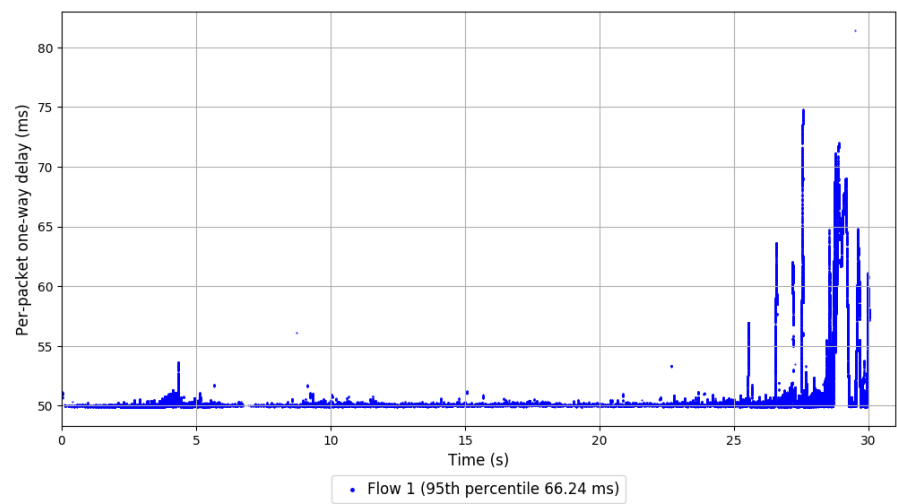
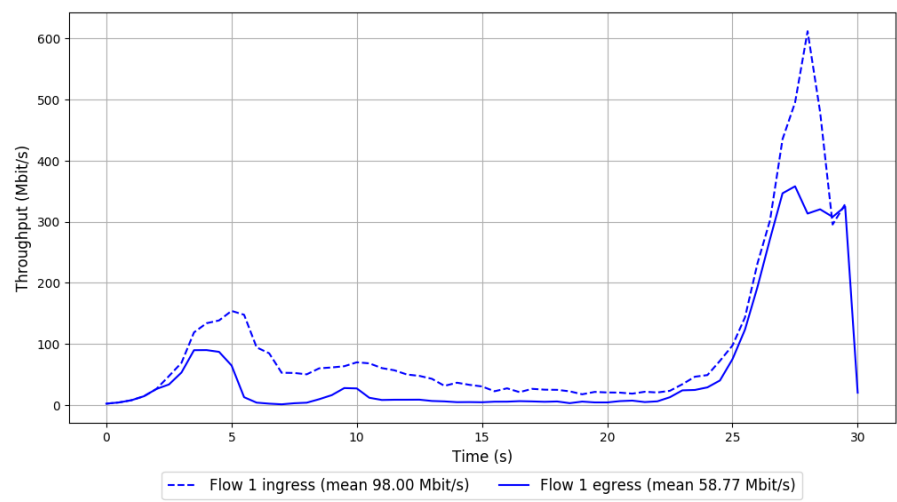
-- Flow 1:

Average throughput: 58.77 Mbit/s

95th percentile per-packet one-way delay: 66.244 ms

Loss rate: 40.02%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 02:41:49 +0000

End at: Sun, 06 Aug 2017 02:42:19 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:56:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 295.26 Mbit/s

95th percentile per-packet one-way delay: 68.463 ms

Loss rate: 0.73%

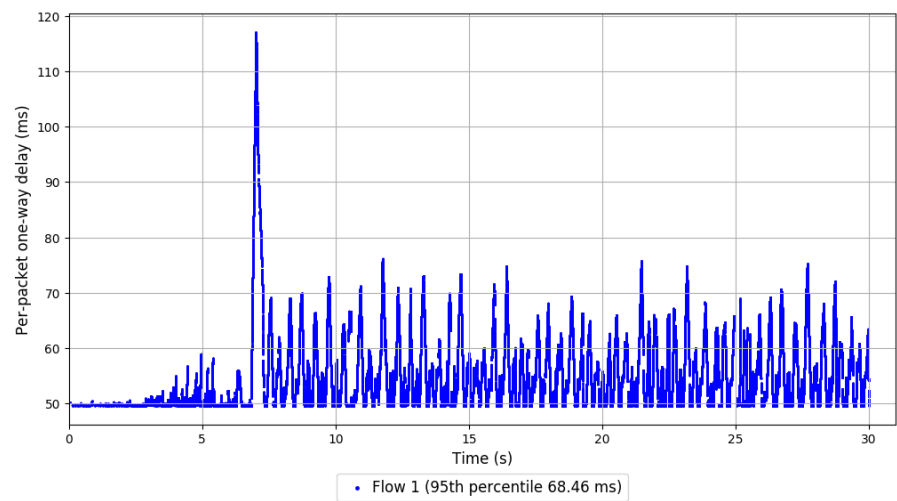
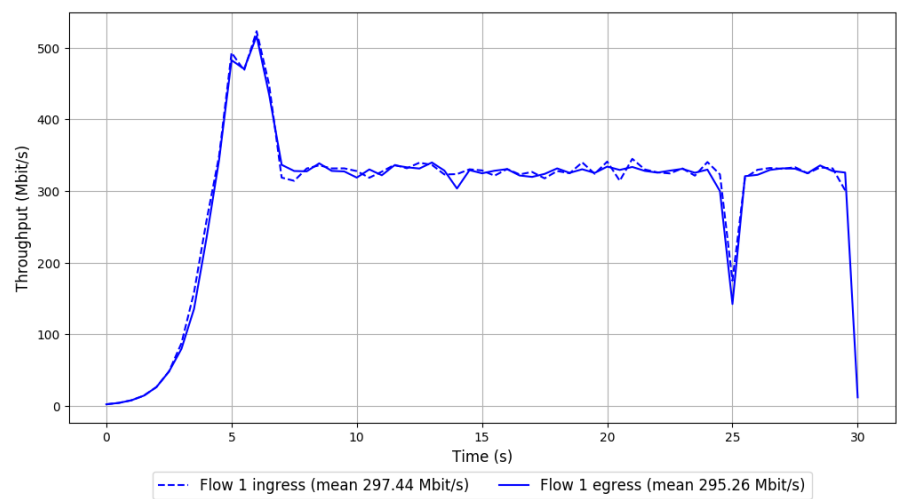
-- Flow 1:

Average throughput: 295.26 Mbit/s

95th percentile per-packet one-way delay: 68.463 ms

Loss rate: 0.73%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 02:52:01 +0000

End at: Sun, 06 Aug 2017 02:52:31 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:56:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 315.60 Mbit/s

95th percentile per-packet one-way delay: 70.780 ms

Loss rate: 0.55%

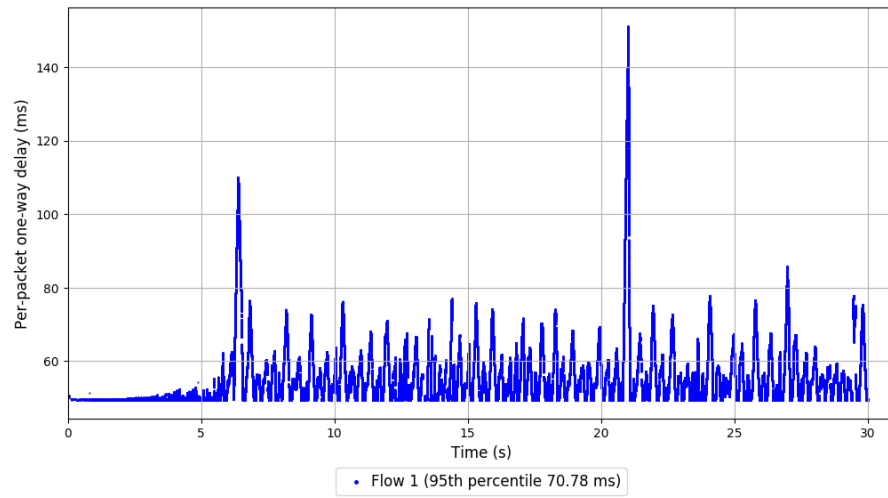
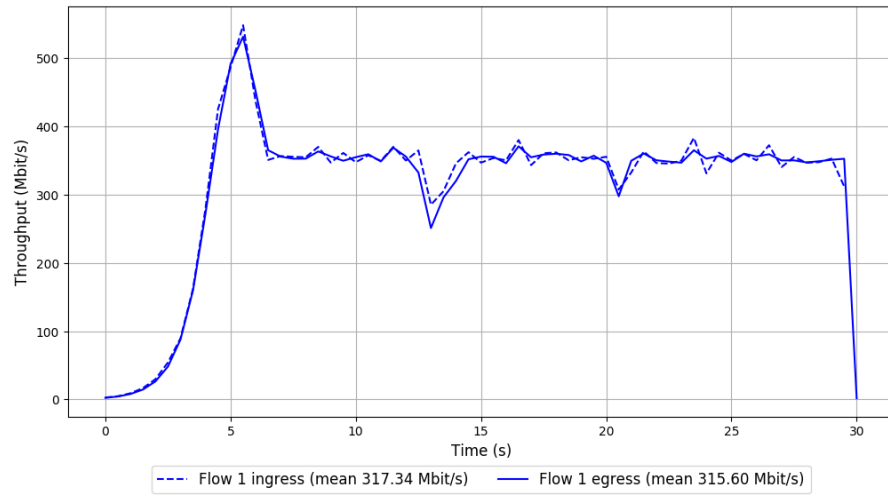
-- Flow 1:

Average throughput: 315.60 Mbit/s

95th percentile per-packet one-way delay: 70.780 ms

Loss rate: 0.55%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 03:02:20 +0000

End at: Sun, 06 Aug 2017 03:02:50 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:57:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 261.64 Mbit/s

95th percentile per-packet one-way delay: 64.404 ms

Loss rate: 10.56%

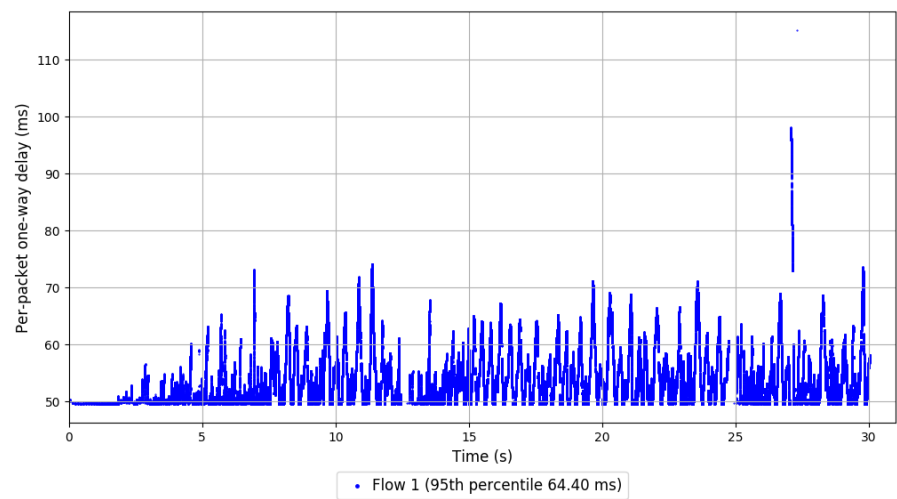
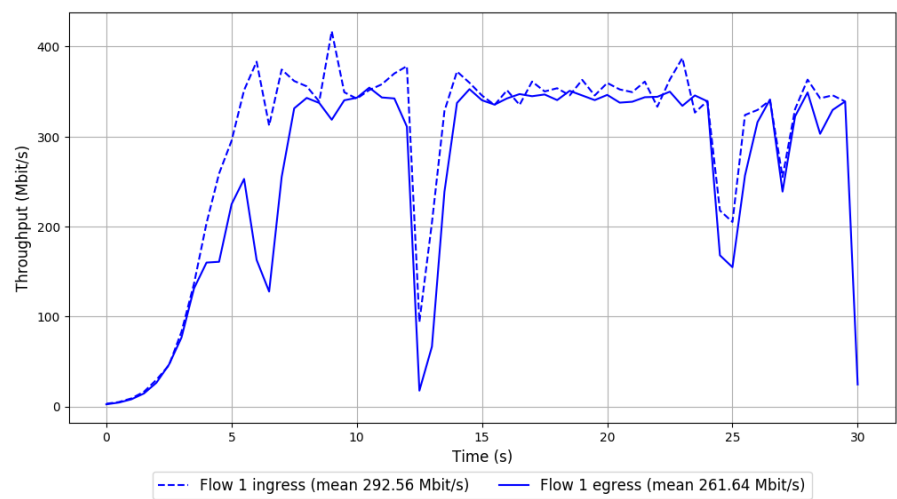
-- Flow 1:

Average throughput: 261.64 Mbit/s

95th percentile per-packet one-way delay: 64.404 ms

Loss rate: 10.56%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 03:12:42 +0000

End at: Sun, 06 Aug 2017 03:13:12 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:57:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.58 Mbit/s

95th percentile per-packet one-way delay: 50.626 ms

Loss rate: 69.95%

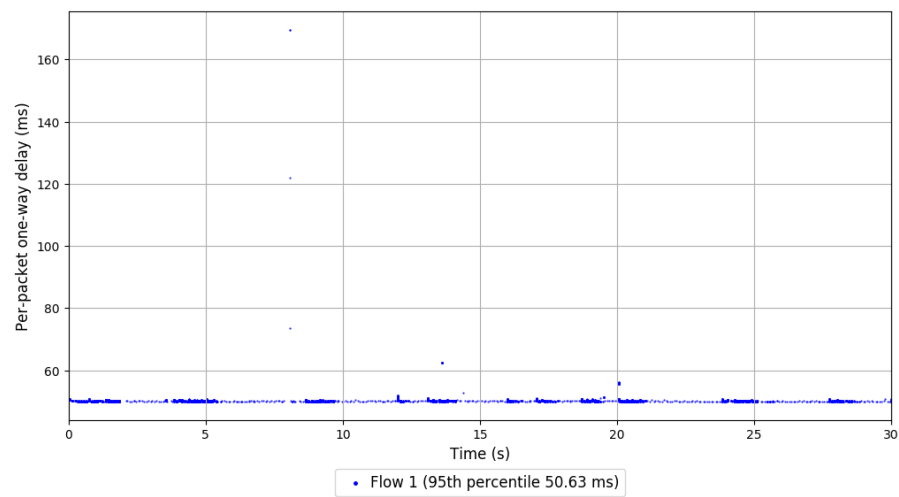
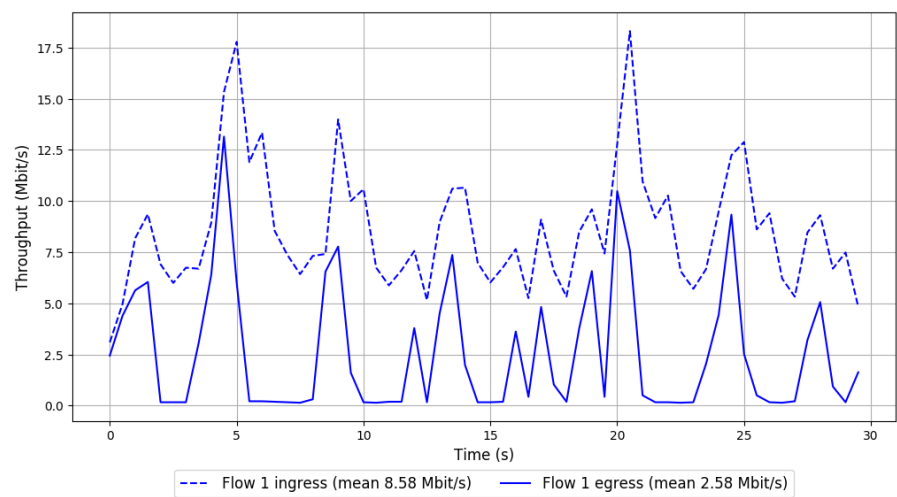
-- Flow 1:

Average throughput: 2.58 Mbit/s

95th percentile per-packet one-way delay: 50.626 ms

Loss rate: 69.95%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 03:22:43 +0000

End at: Sun, 06 Aug 2017 03:23:13 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:58:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 302.52 Mbit/s

95th percentile per-packet one-way delay: 67.264 ms

Loss rate: 0.74%

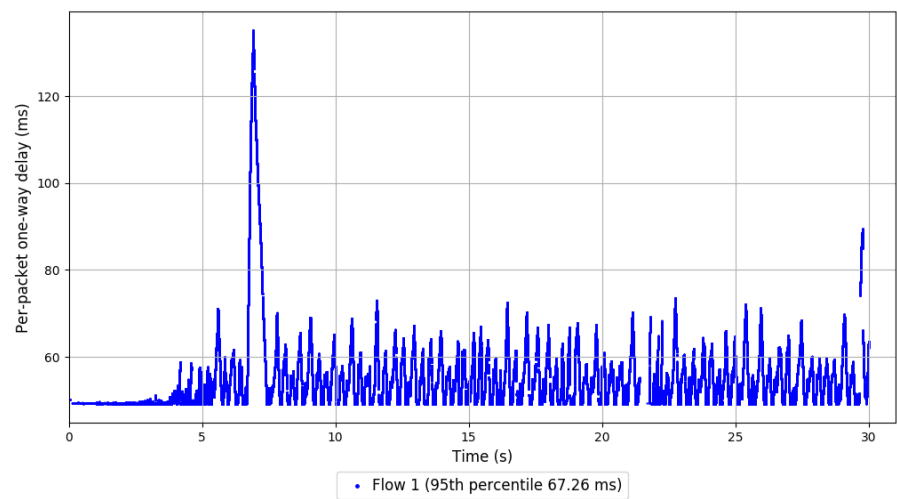
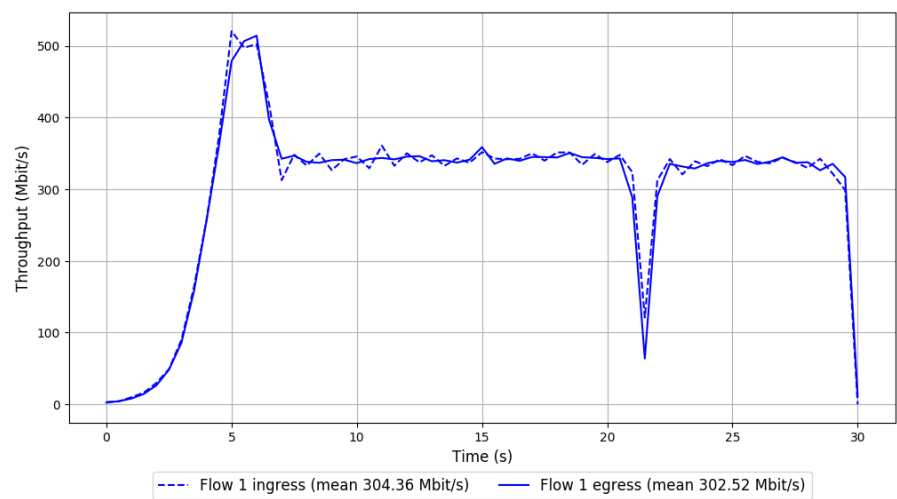
-- Flow 1:

Average throughput: 302.52 Mbit/s

95th percentile per-packet one-way delay: 67.264 ms

Loss rate: 0.74%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 03:32:50 +0000

End at: Sun, 06 Aug 2017 03:33:20 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:58:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 297.32 Mbit/s

95th percentile per-packet one-way delay: 64.216 ms

Loss rate: 4.99%

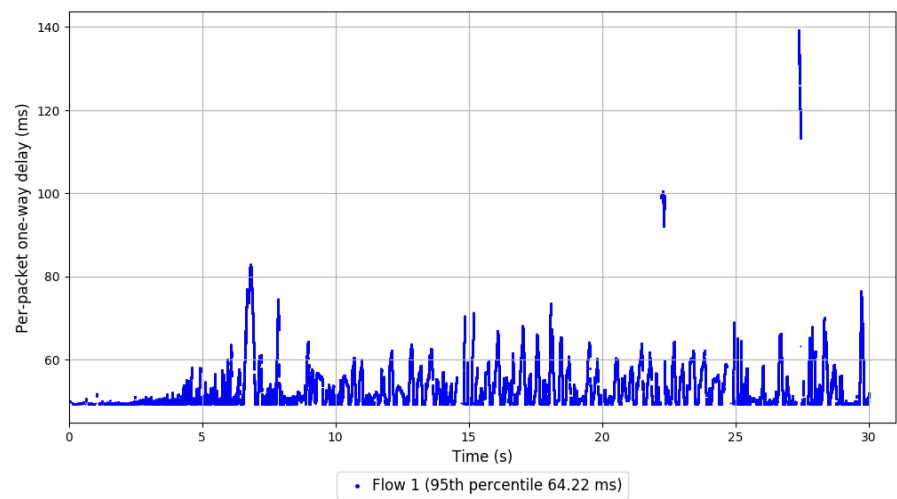
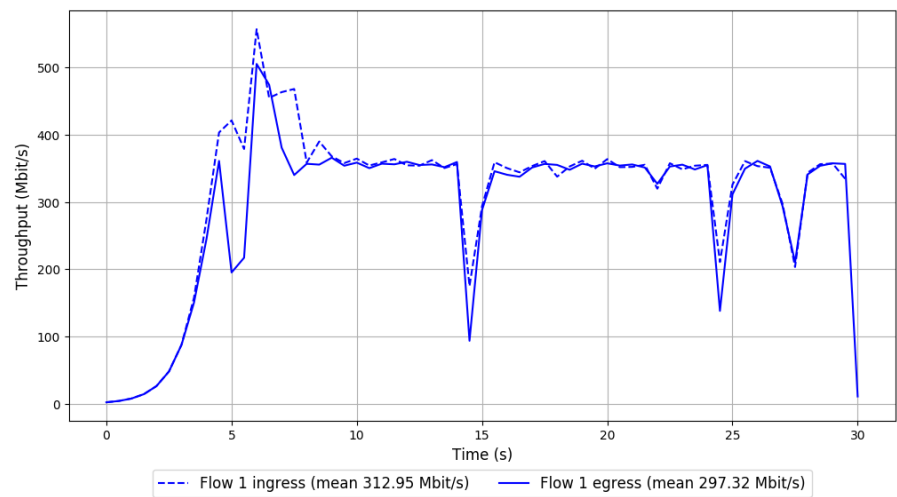
-- Flow 1:

Average throughput: 297.32 Mbit/s

95th percentile per-packet one-way delay: 64.216 ms

Loss rate: 4.99%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sun, 06 Aug 2017 03:42:51 +0000

End at: Sun, 06 Aug 2017 03:43:21 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:58:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.88 Mbit/s

95th percentile per-packet one-way delay: 51.367 ms

Loss rate: 68.82%

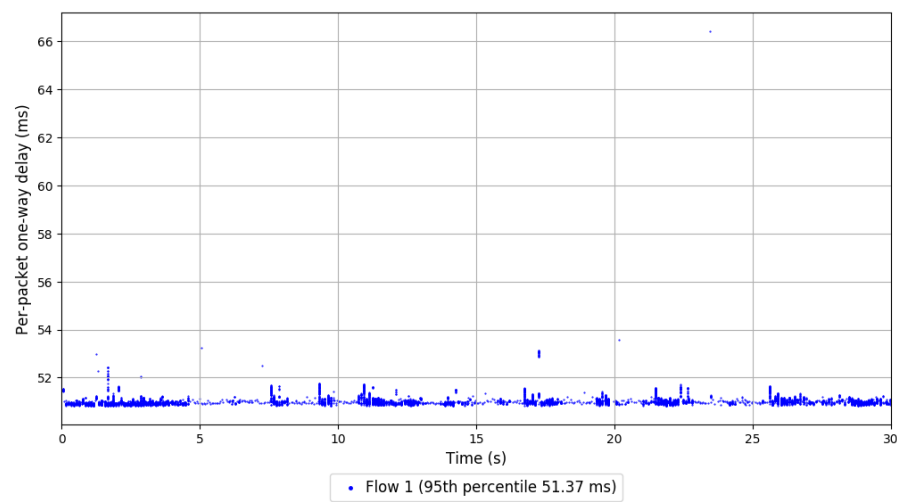
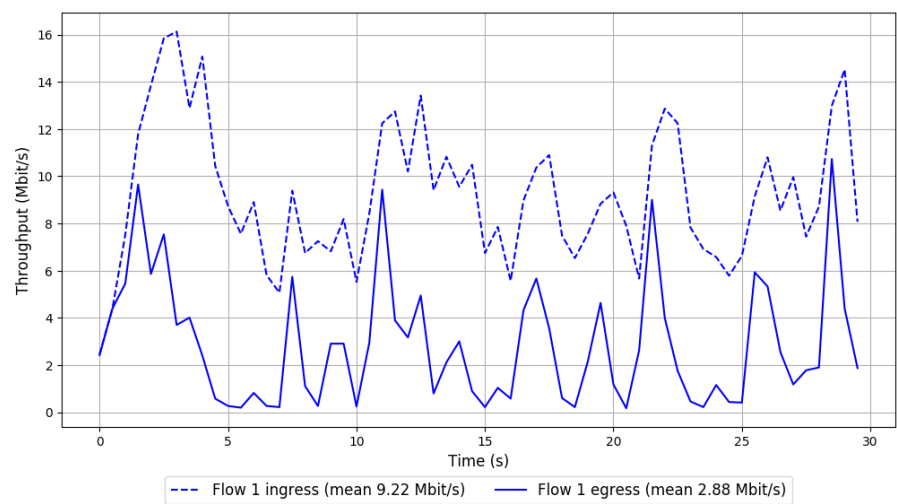
-- Flow 1:

Average throughput: 2.88 Mbit/s

95th percentile per-packet one-way delay: 51.367 ms

Loss rate: 68.82%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 06 Aug 2017 02:10:07 +0000

End at: Sun, 06 Aug 2017 02:10:37 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:58:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 48.491 ms

Loss rate: 0.00%

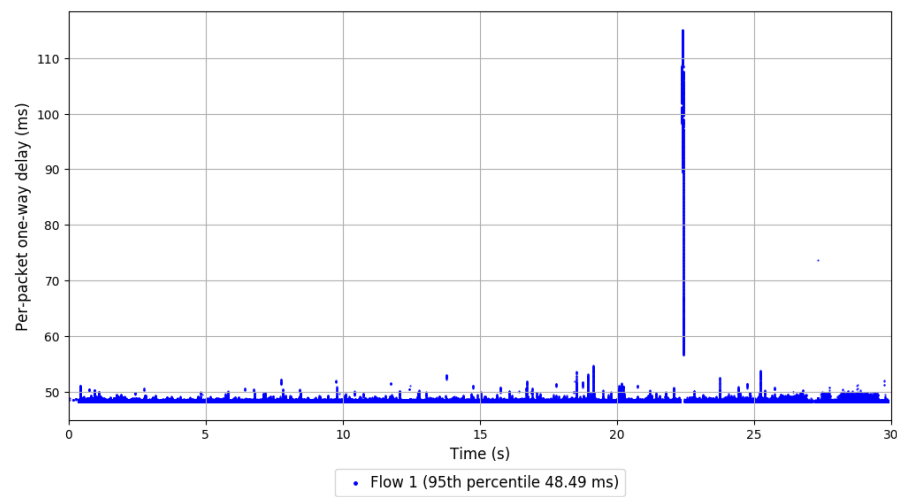
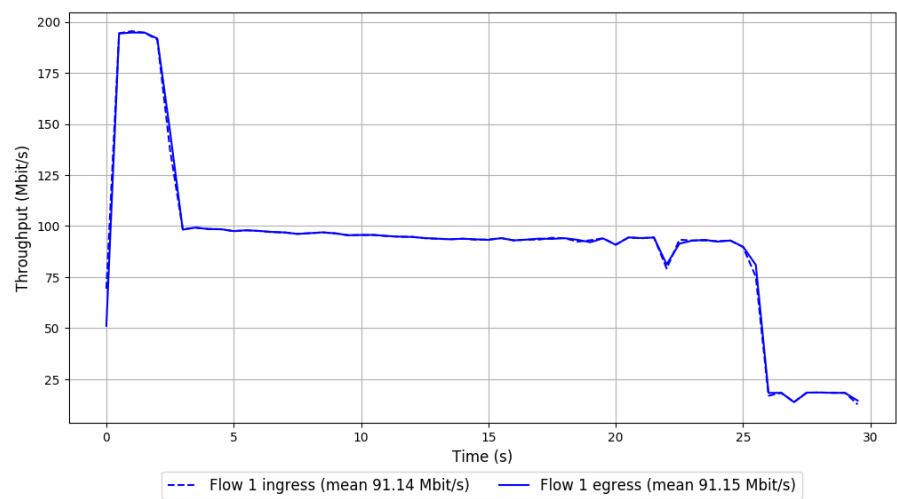
-- Flow 1:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 48.491 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 06 Aug 2017 02:20:14 +0000

End at: Sun, 06 Aug 2017 02:20:44 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:59:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 110.11 Mbit/s

95th percentile per-packet one-way delay: 49.945 ms

Loss rate: 0.04%

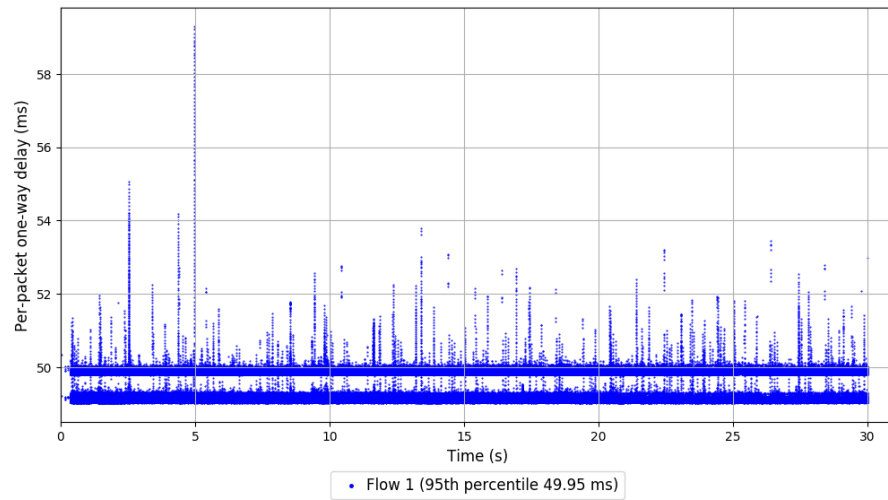
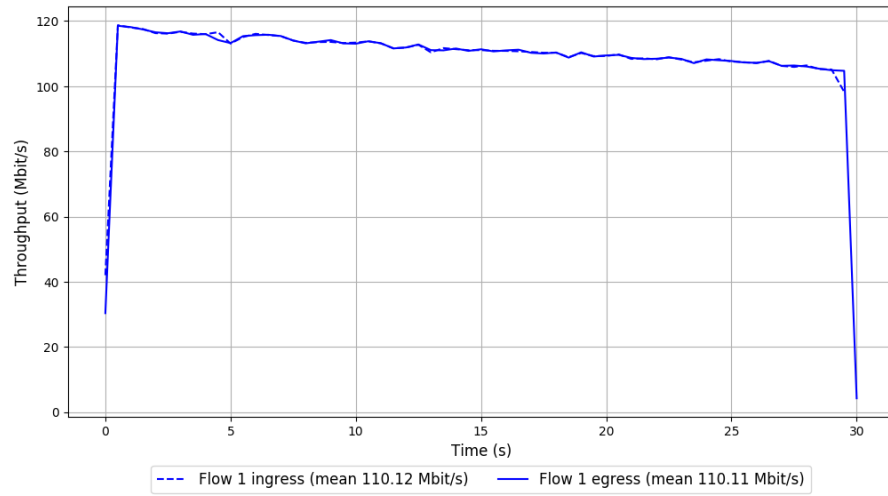
-- Flow 1:

Average throughput: 110.11 Mbit/s

95th percentile per-packet one-way delay: 49.945 ms

Loss rate: 0.04%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sun, 06 Aug 2017 02:30:14 +0000

End at: Sun, 06 Aug 2017 02:30:44 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:59:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 49.625 ms

Loss rate: 0.00%

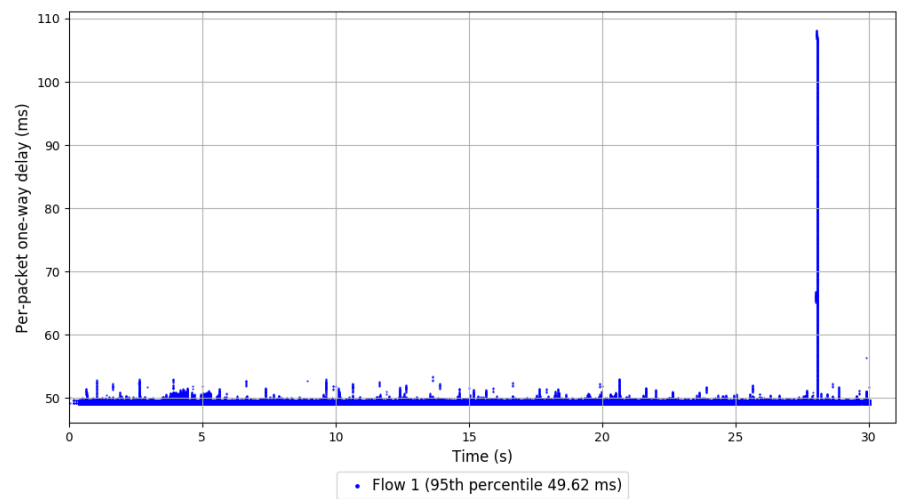
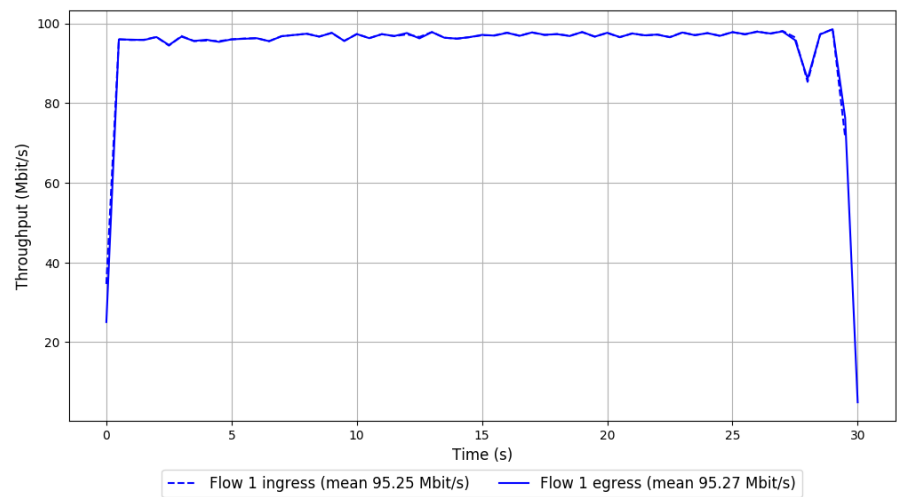
-- Flow 1:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 49.625 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link

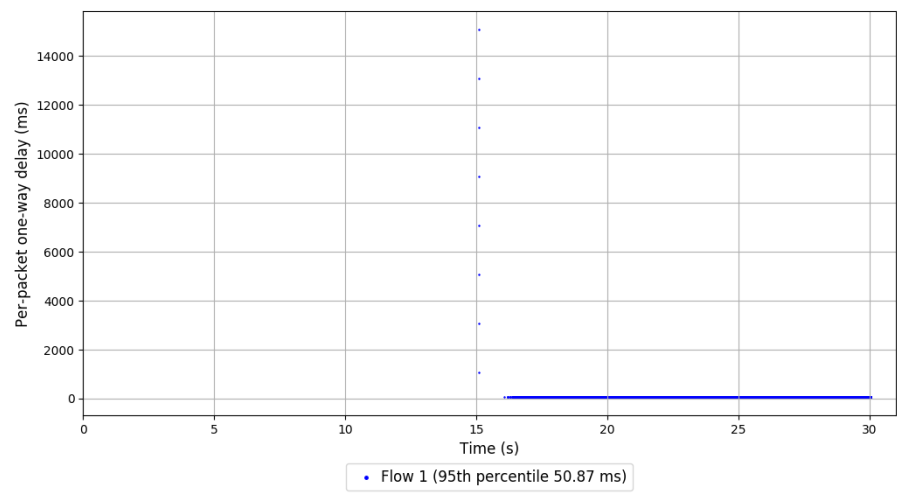
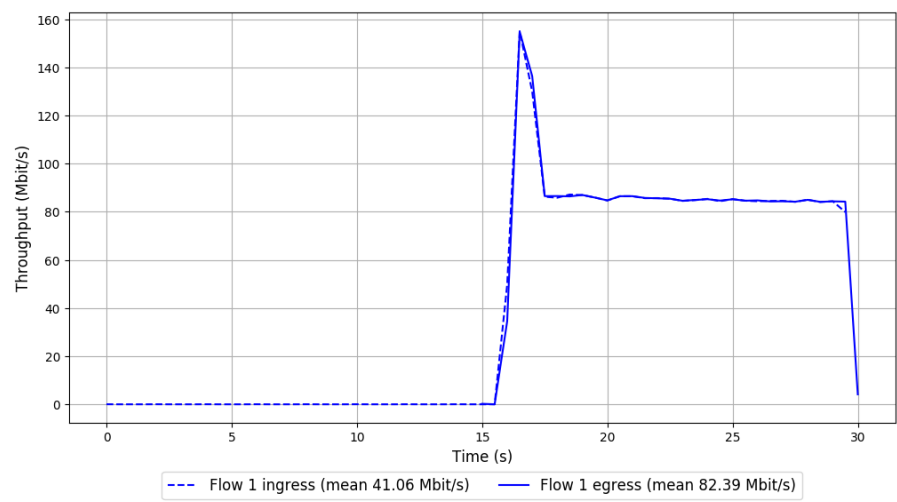


Run 4: Statistics of Copa

Start at: Sun, 06 Aug 2017 02:40:32 +0000

End at: Sun, 06 Aug 2017 02:41:02 +0000

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 06 Aug 2017 02:50:39 +0000

End at: Sun, 06 Aug 2017 02:51:09 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 04:59:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.52 Mbit/s

95th percentile per-packet one-way delay: 50.270 ms

Loss rate: 0.39%

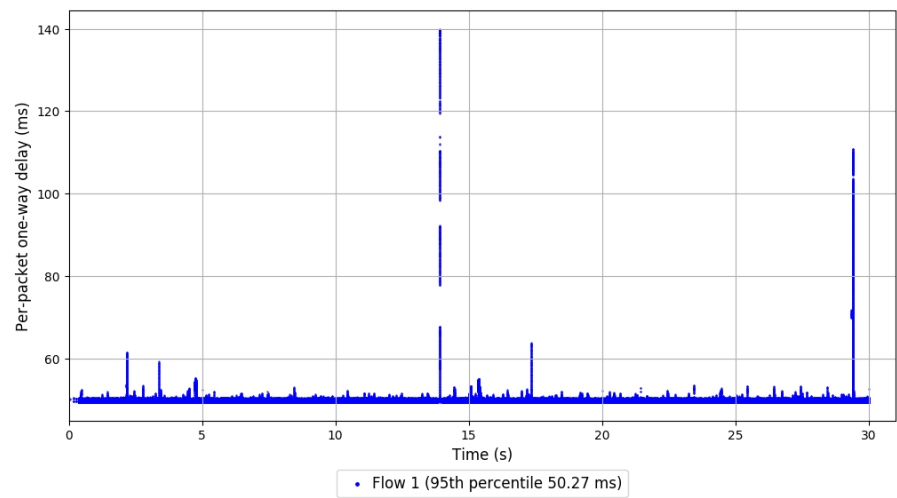
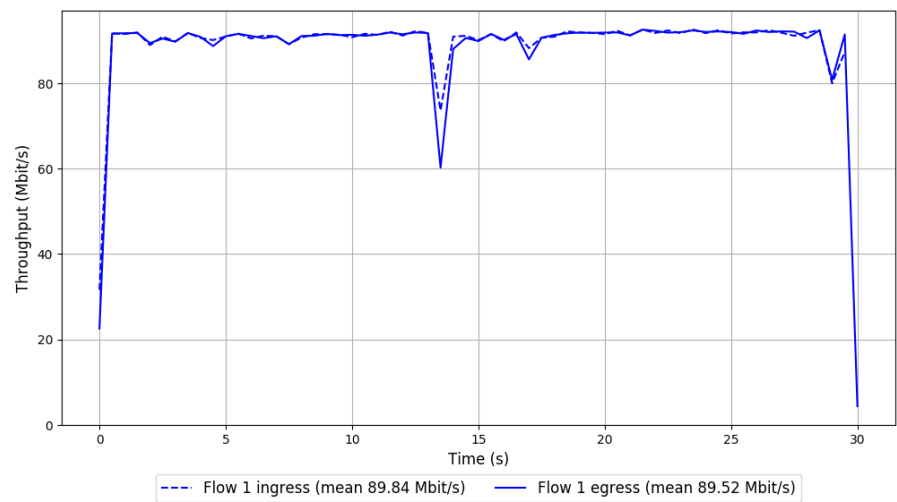
-- Flow 1:

Average throughput: 89.52 Mbit/s

95th percentile per-packet one-way delay: 50.270 ms

Loss rate: 0.39%

Run 5: Report of Copa — Data Link

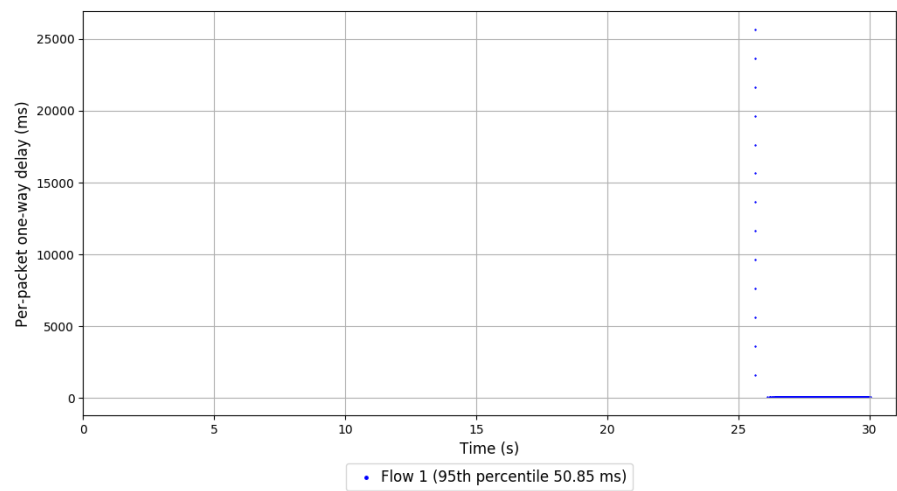
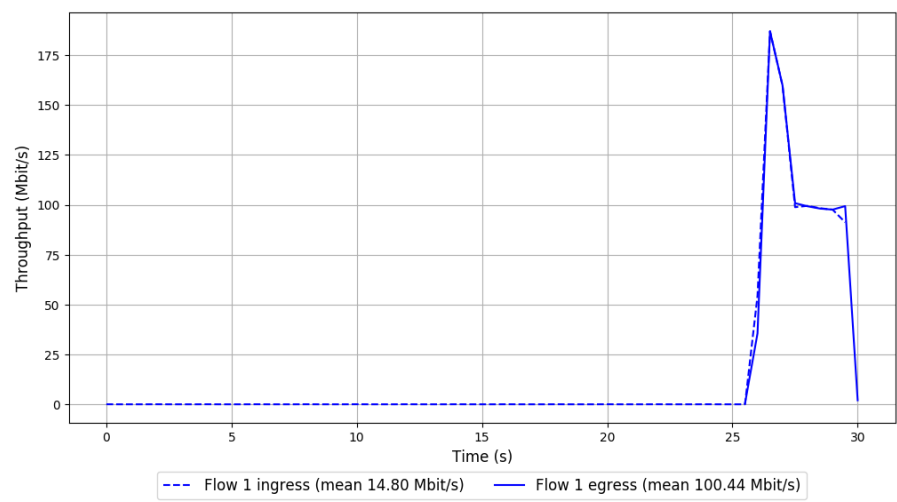


Run 6: Statistics of Copa

Start at: Sun, 06 Aug 2017 03:01:04 +0000

End at: Sun, 06 Aug 2017 03:01:34 +0000

Run 6: Report of Copa — Data Link

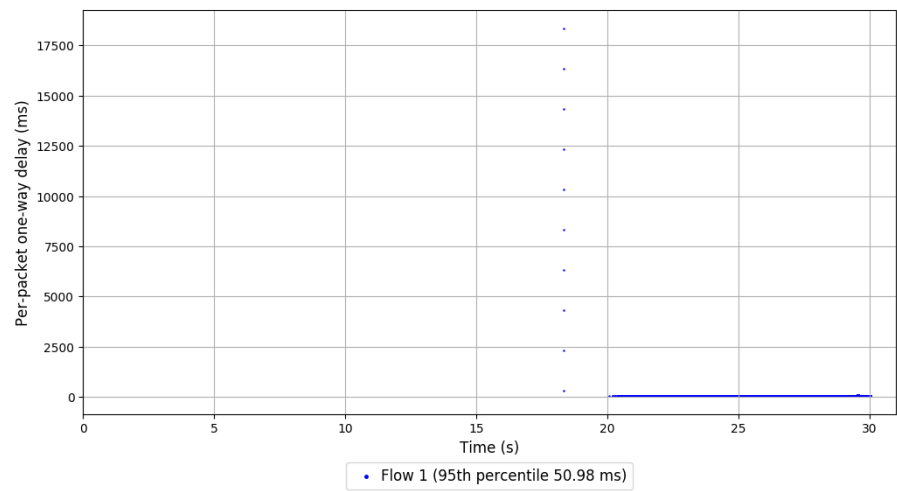
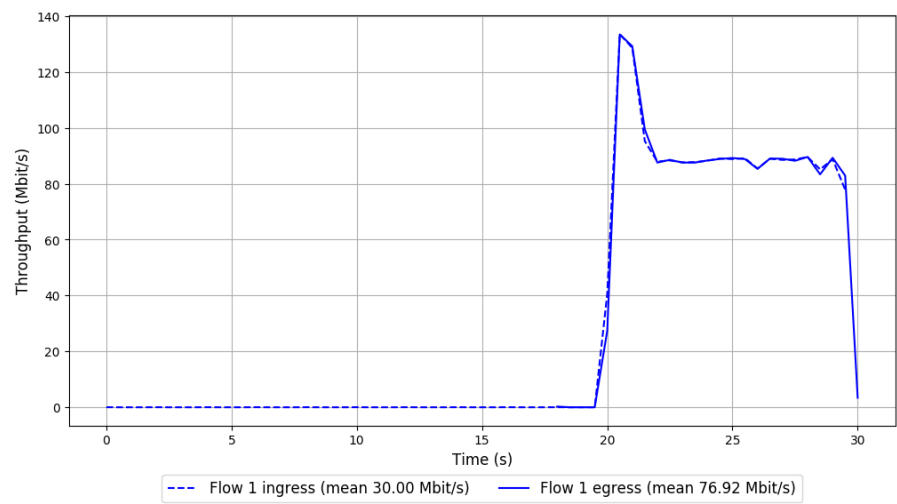


Run 7: Statistics of Copa

Start at: Sun, 06 Aug 2017 03:11:26 +0000

End at: Sun, 06 Aug 2017 03:11:56 +0000

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sun, 06 Aug 2017 03:21:19 +0000

End at: Sun, 06 Aug 2017 03:21:49 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 105.36 Mbit/s

95th percentile per-packet one-way delay: 50.676 ms

Loss rate: 0.00%

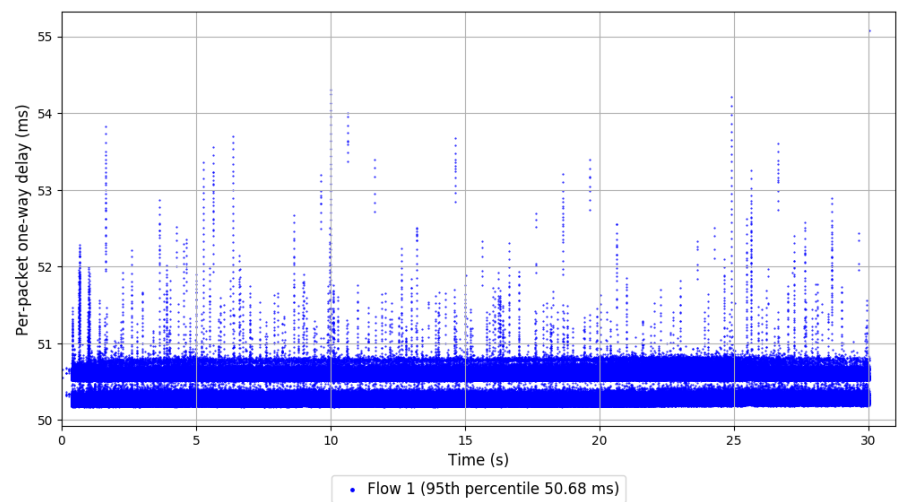
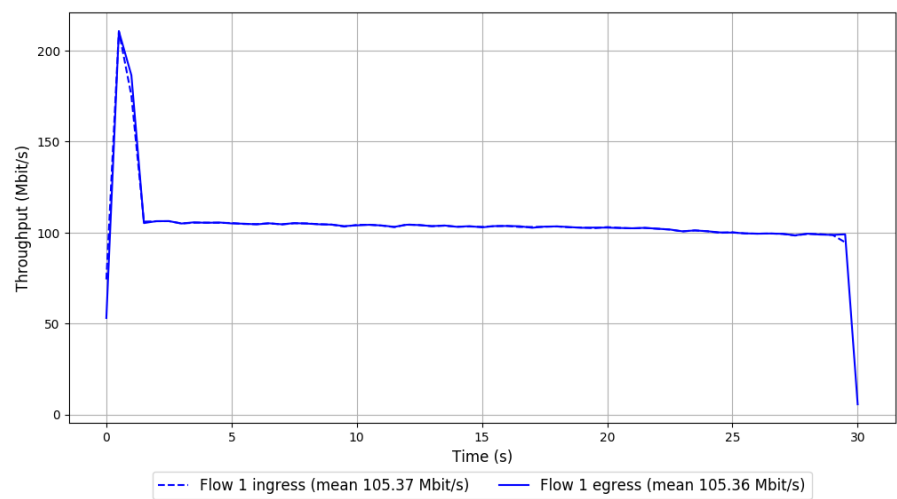
-- Flow 1:

Average throughput: 105.36 Mbit/s

95th percentile per-packet one-way delay: 50.676 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sun, 06 Aug 2017 03:31:23 +0000

End at: Sun, 06 Aug 2017 03:31:53 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 144.01 Mbit/s

95th percentile per-packet one-way delay: 51.362 ms

Loss rate: 0.18%

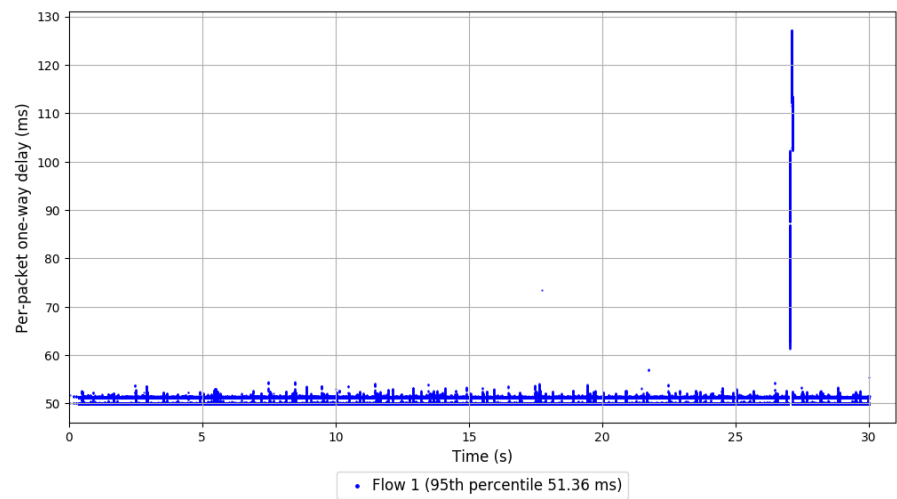
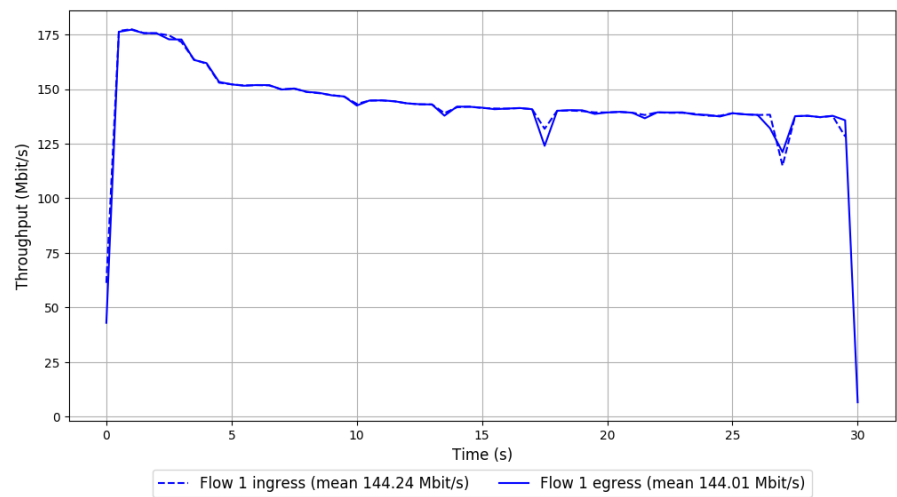
-- Flow 1:

Average throughput: 144.01 Mbit/s

95th percentile per-packet one-way delay: 51.362 ms

Loss rate: 0.18%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sun, 06 Aug 2017 03:41:28 +0000

End at: Sun, 06 Aug 2017 03:41:58 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.80 Mbit/s

95th percentile per-packet one-way delay: 51.884 ms

Loss rate: 0.01%

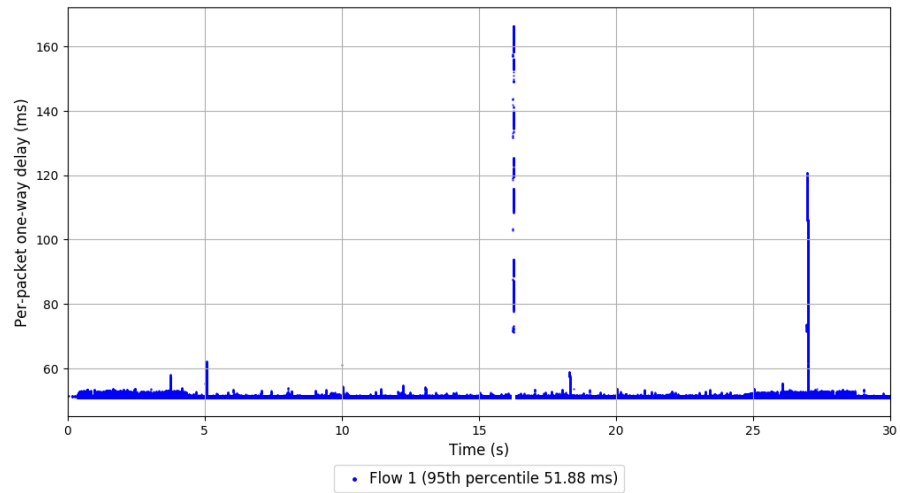
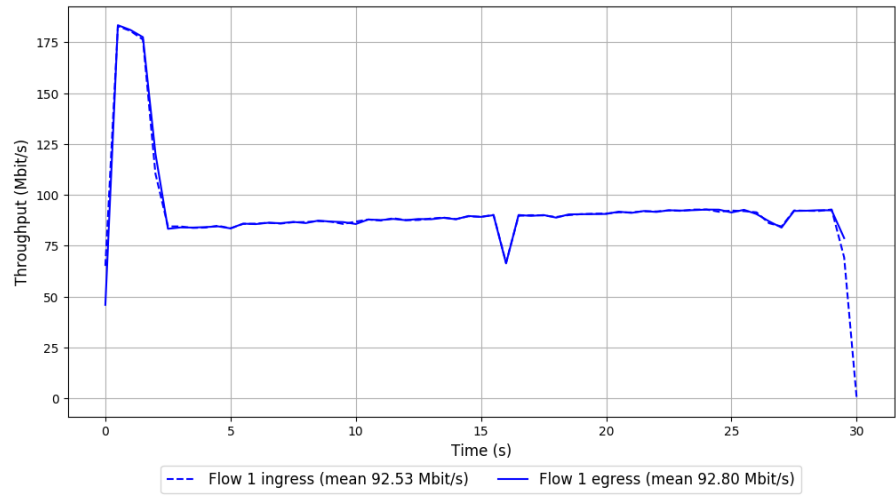
-- Flow 1:

Average throughput: 92.80 Mbit/s

95th percentile per-packet one-way delay: 51.884 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 02:13:03 +0000

End at: Sun, 06 Aug 2017 02:13:33 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.23 Mbit/s

95th percentile per-packet one-way delay: 50.085 ms

Loss rate: 1.23%

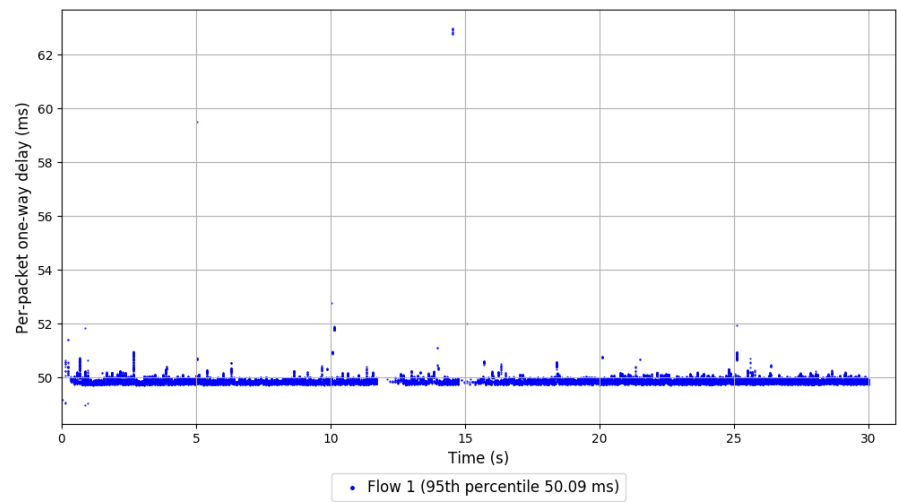
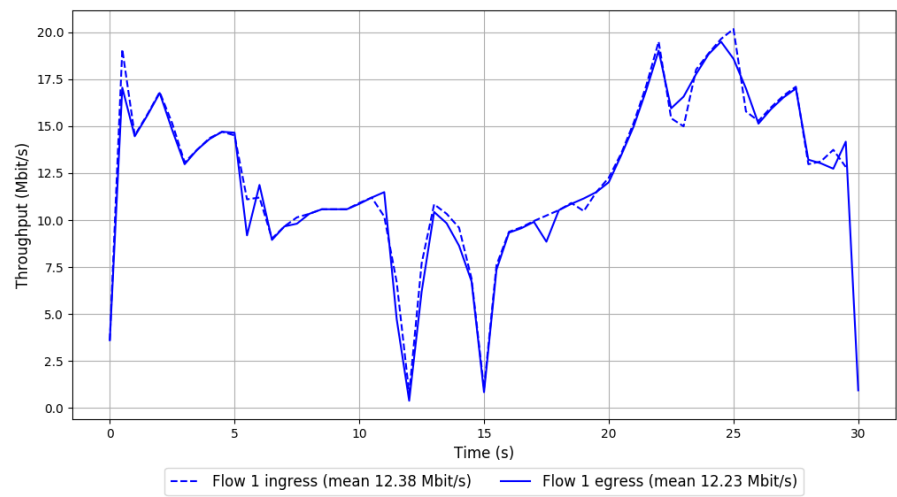
-- Flow 1:

Average throughput: 12.23 Mbit/s

95th percentile per-packet one-way delay: 50.085 ms

Loss rate: 1.23%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 02:22:57 +0000

End at: Sun, 06 Aug 2017 02:23:27 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.95 Mbit/s

95th percentile per-packet one-way delay: 50.123 ms

Loss rate: 0.54%

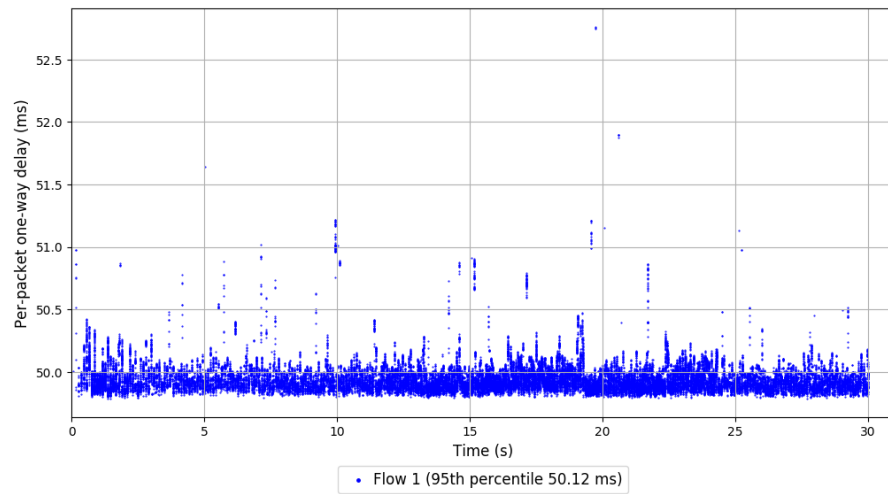
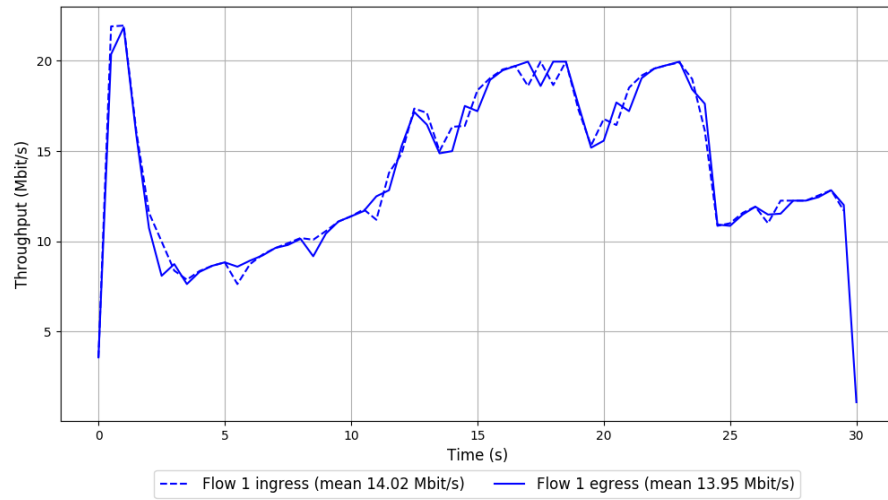
-- Flow 1:

Average throughput: 13.95 Mbit/s

95th percentile per-packet one-way delay: 50.123 ms

Loss rate: 0.54%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 02:32:55 +0000

End at: Sun, 06 Aug 2017 02:33:25 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.76 Mbit/s

95th percentile per-packet one-way delay: 50.257 ms

Loss rate: 1.27%

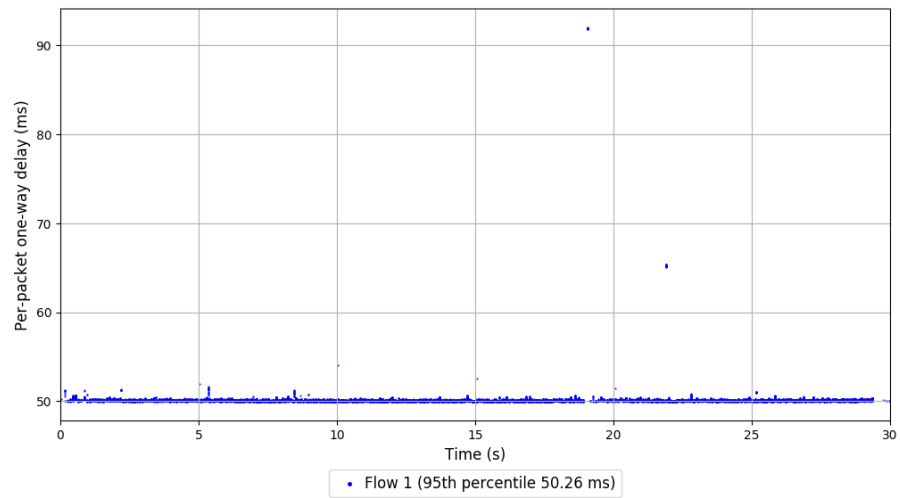
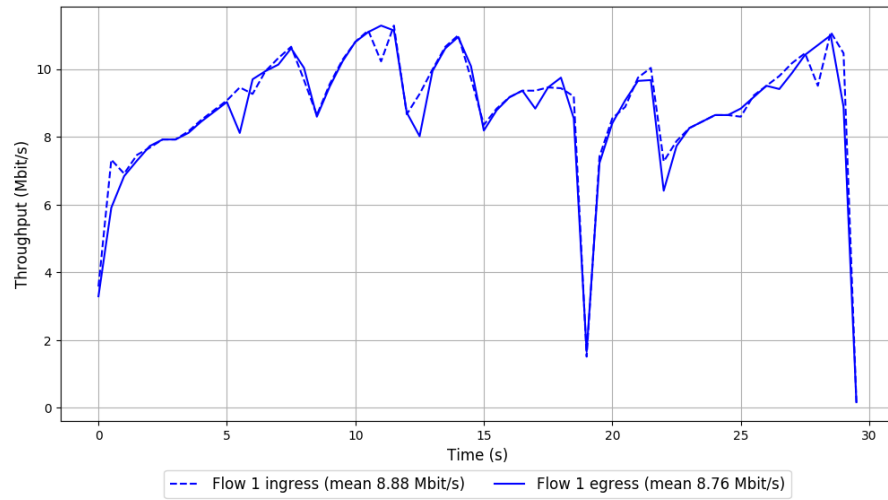
-- Flow 1:

Average throughput: 8.76 Mbit/s

95th percentile per-packet one-way delay: 50.257 ms

Loss rate: 1.27%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 02:43:23 +0000

End at: Sun, 06 Aug 2017 02:43:53 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.12 Mbit/s

95th percentile per-packet one-way delay: 50.439 ms

Loss rate: 1.85%

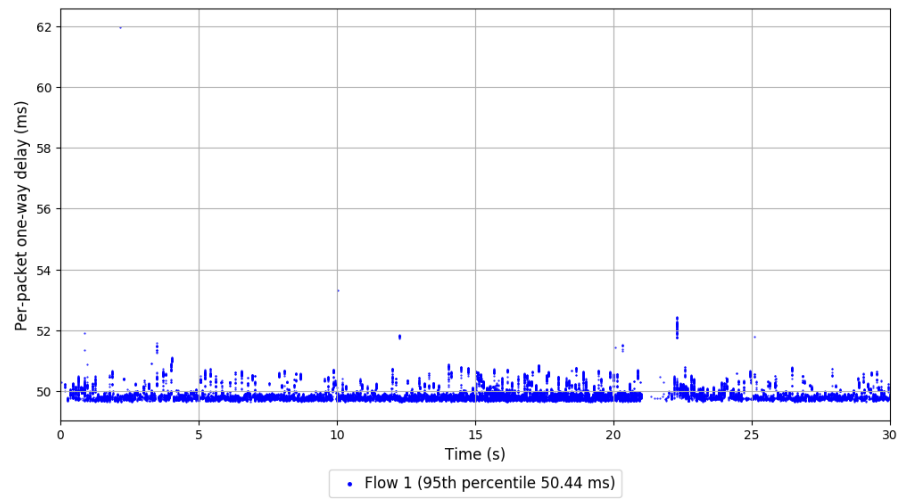
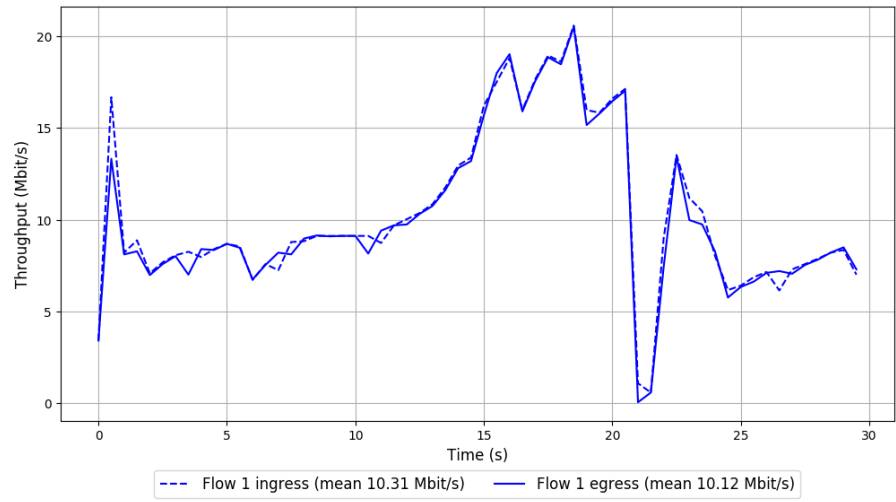
-- Flow 1:

Average throughput: 10.12 Mbit/s

95th percentile per-packet one-way delay: 50.439 ms

Loss rate: 1.85%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 02:53:36 +0000

End at: Sun, 06 Aug 2017 02:54:06 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:00:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.56 Mbit/s

95th percentile per-packet one-way delay: 50.155 ms

Loss rate: 0.94%

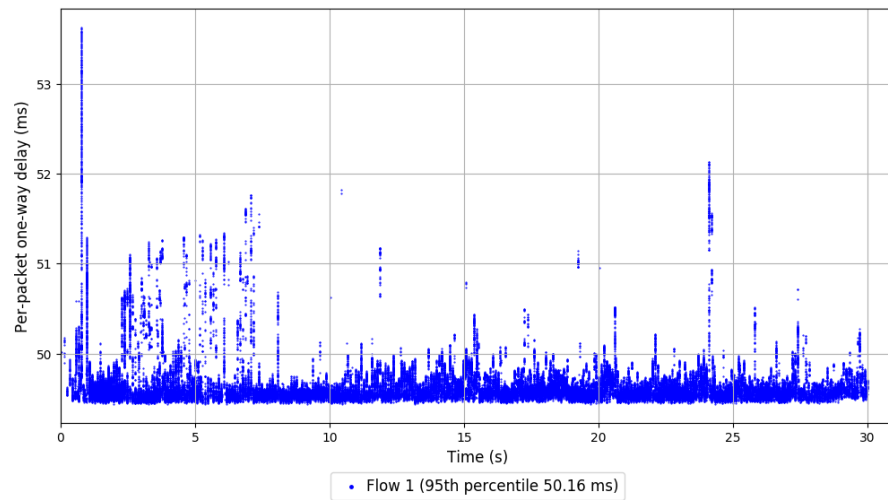
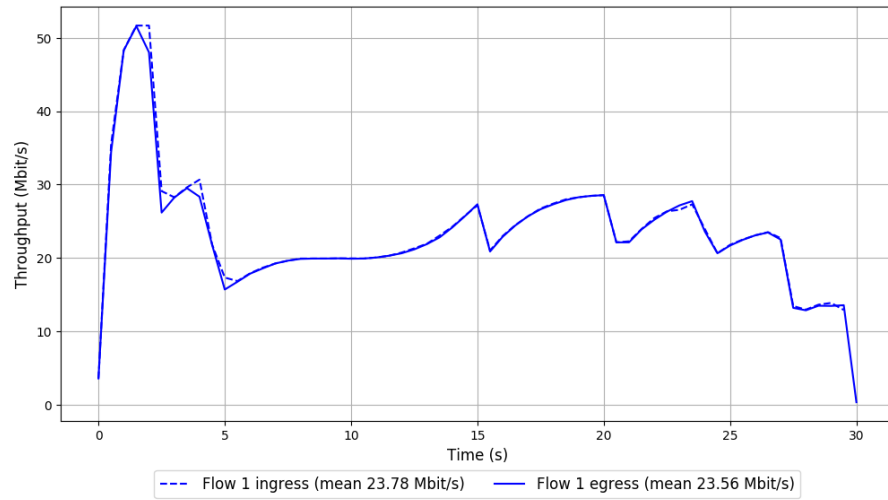
-- Flow 1:

Average throughput: 23.56 Mbit/s

95th percentile per-packet one-way delay: 50.155 ms

Loss rate: 0.94%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 03:03:51 +0000

End at: Sun, 06 Aug 2017 03:04:21 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.36 Mbit/s

95th percentile per-packet one-way delay: 56.789 ms

Loss rate: 1.19%

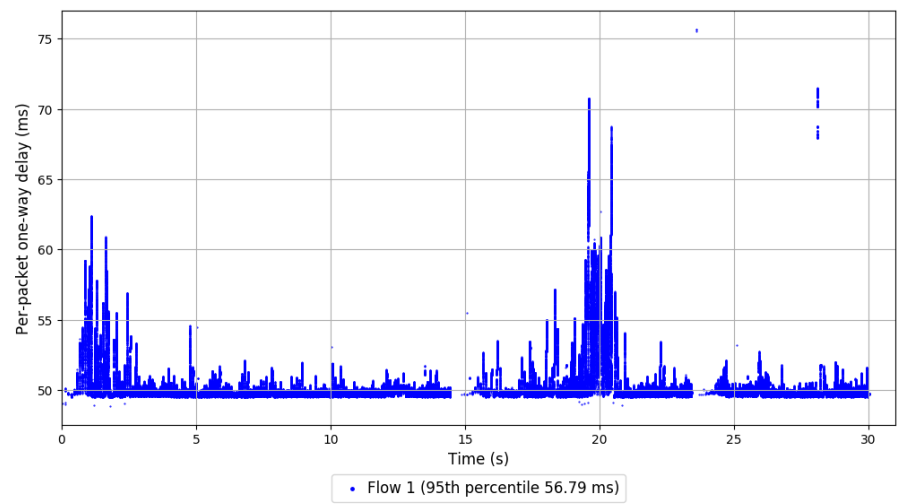
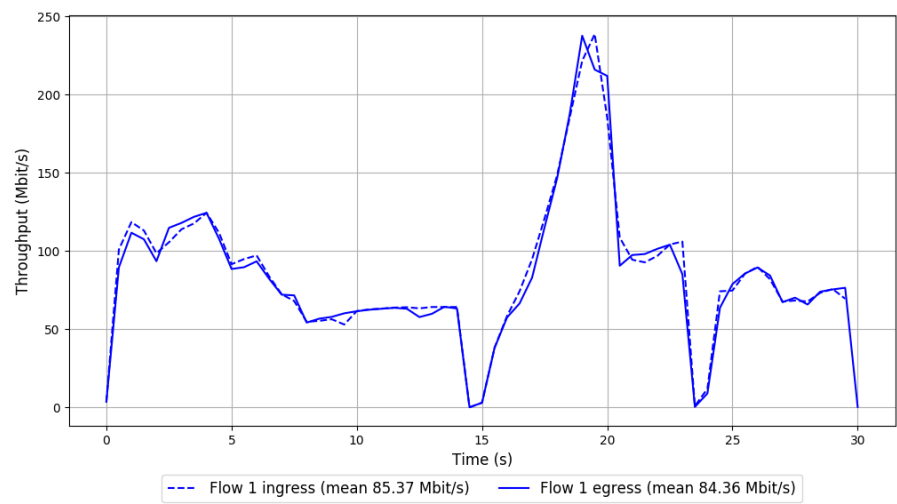
-- Flow 1:

Average throughput: 84.36 Mbit/s

95th percentile per-packet one-way delay: 56.789 ms

Loss rate: 1.19%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 03:13:57 +0000

End at: Sun, 06 Aug 2017 03:14:27 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.28 Mbit/s

95th percentile per-packet one-way delay: 50.028 ms

Loss rate: 0.78%

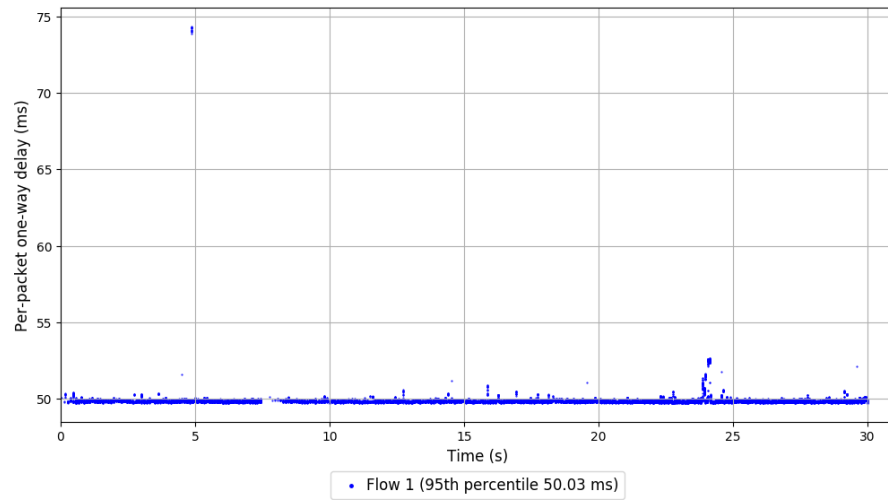
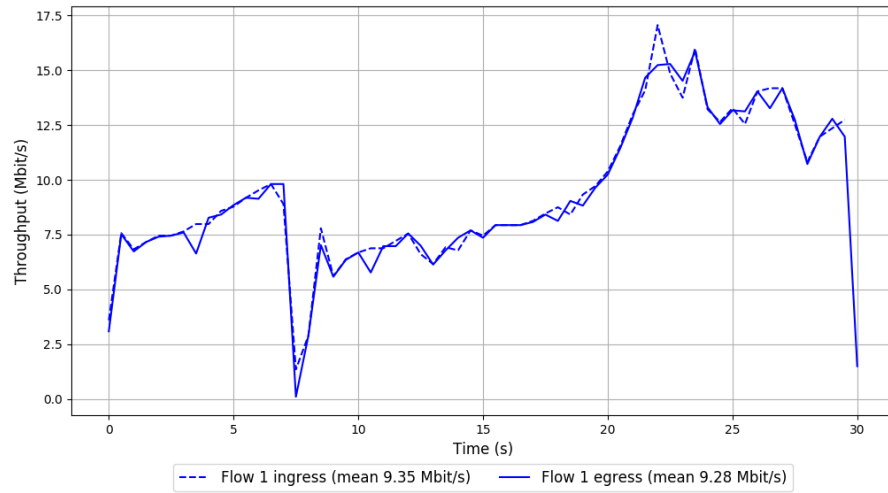
-- Flow 1:

Average throughput: 9.28 Mbit/s

95th percentile per-packet one-way delay: 50.028 ms

Loss rate: 0.78%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 03:24:17 +0000

End at: Sun, 06 Aug 2017 03:24:47 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.16 Mbit/s

95th percentile per-packet one-way delay: 49.435 ms

Loss rate: 0.64%

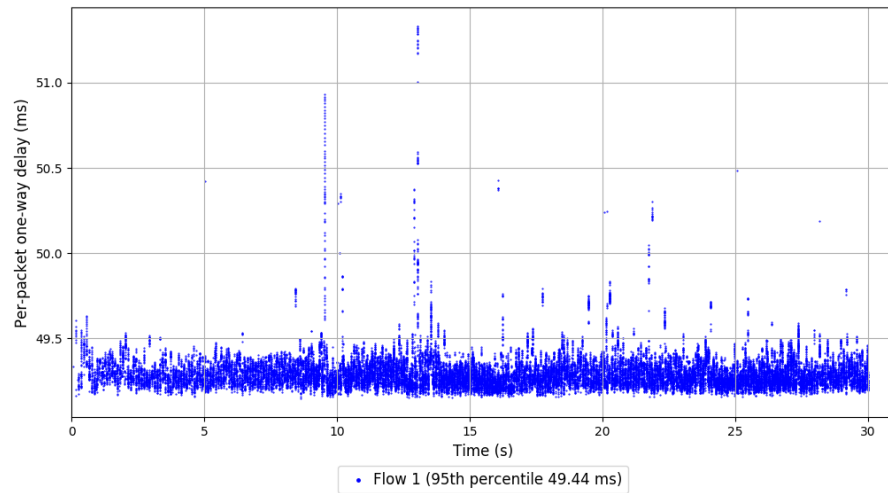
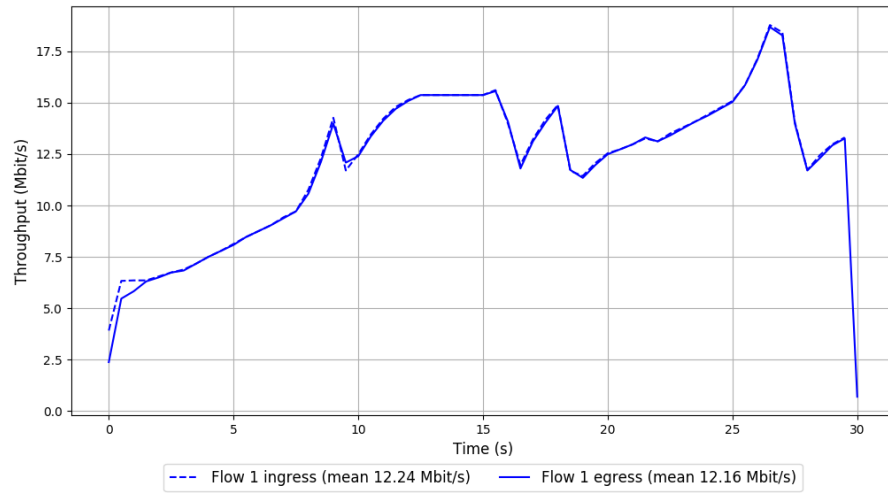
-- Flow 1:

Average throughput: 12.16 Mbit/s

95th percentile per-packet one-way delay: 49.435 ms

Loss rate: 0.64%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 03:34:24 +0000

End at: Sun, 06 Aug 2017 03:34:54 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.93 Mbit/s

95th percentile per-packet one-way delay: 50.293 ms

Loss rate: 0.54%

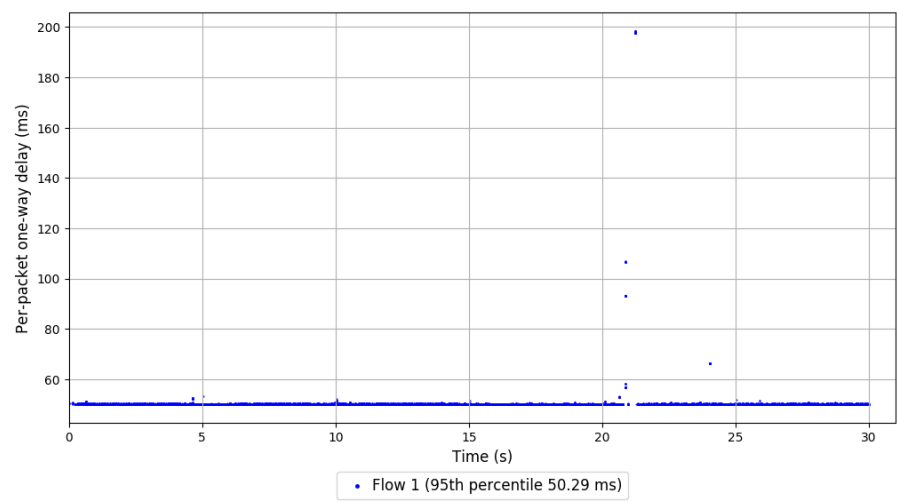
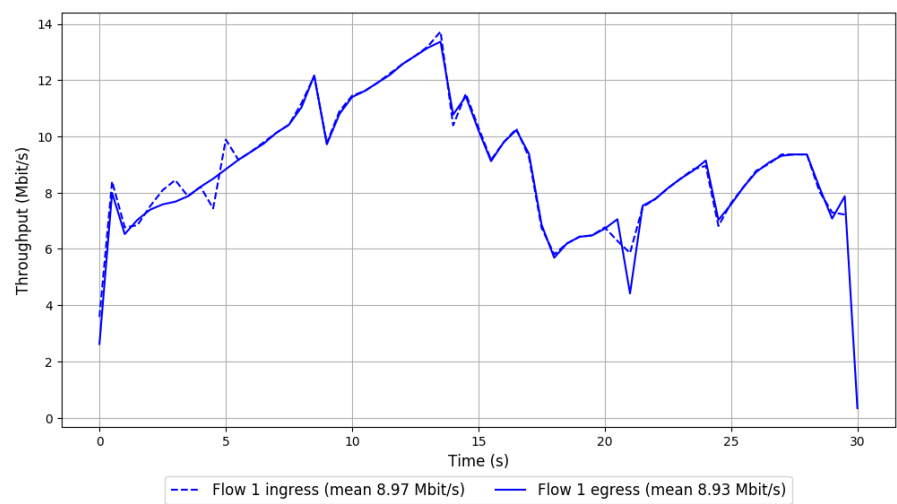
-- Flow 1:

Average throughput: 8.93 Mbit/s

95th percentile per-packet one-way delay: 50.293 ms

Loss rate: 0.54%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Sun, 06 Aug 2017 03:44:05 +0000

End at: Sun, 06 Aug 2017 03:44:35 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.51 Mbit/s

95th percentile per-packet one-way delay: 51.720 ms

Loss rate: 1.32%

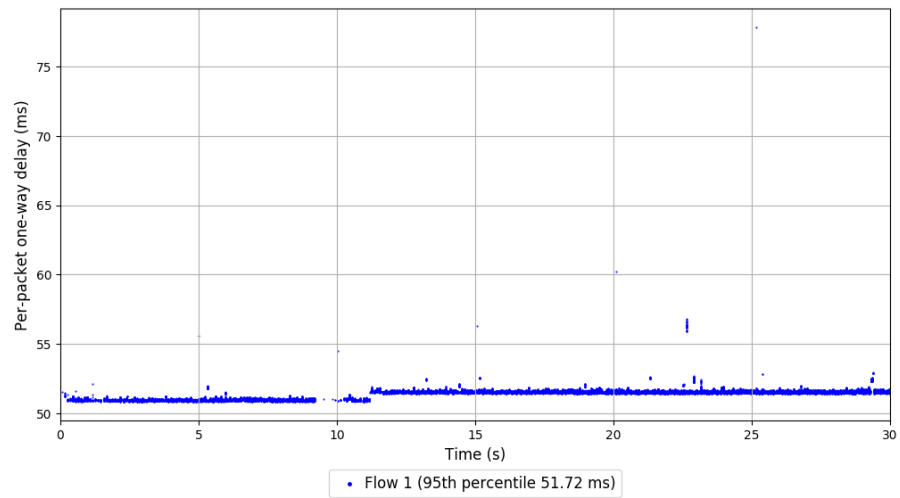
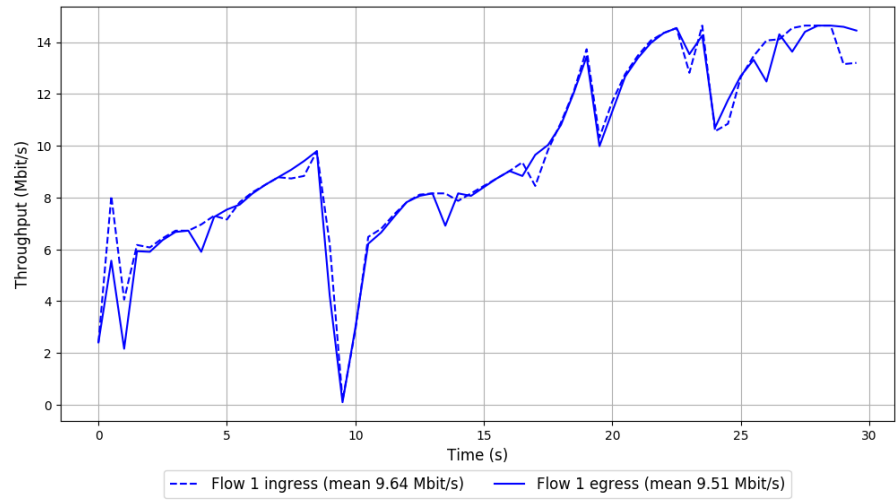
-- Flow 1:

Average throughput: 9.51 Mbit/s

95th percentile per-packet one-way delay: 51.720 ms

Loss rate: 1.32%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 02:09:30 +0000

End at: Sun, 06 Aug 2017 02:10:00 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 50.221 ms

Loss rate: 95.97%

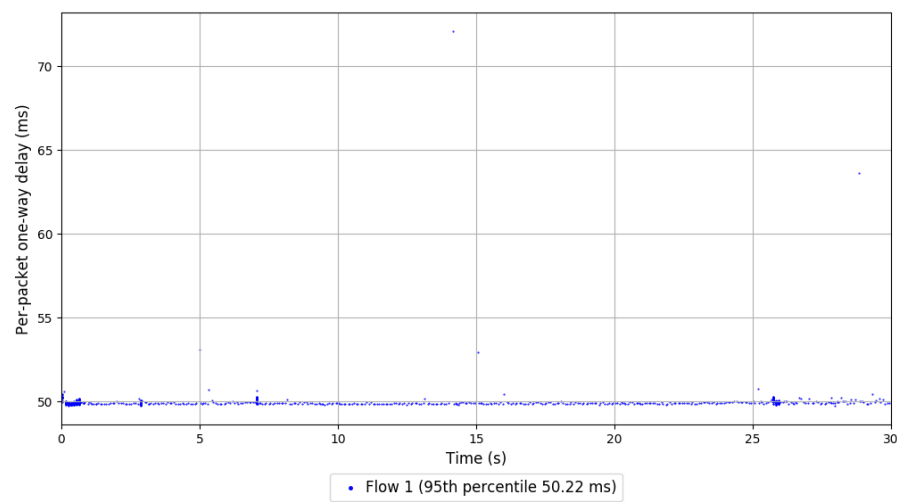
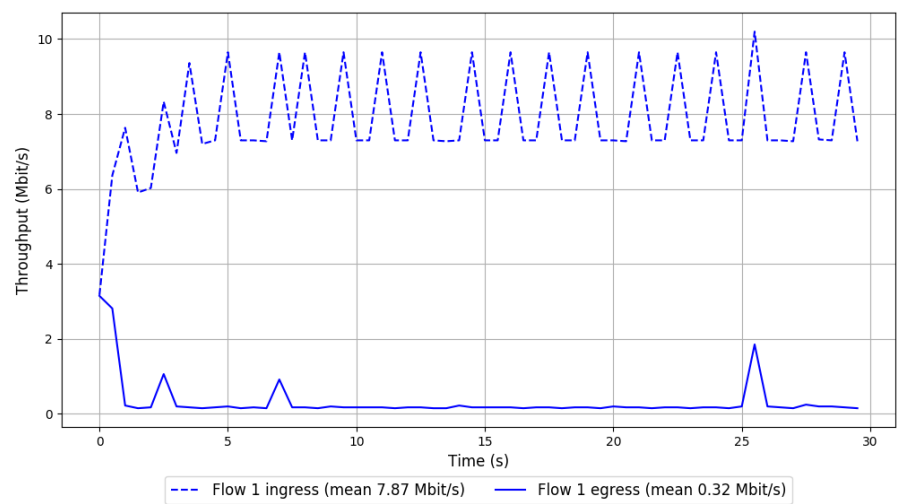
-- Flow 1:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 50.221 ms

Loss rate: 95.97%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 02:19:36 +0000

End at: Sun, 06 Aug 2017 02:20:06 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.65 Mbit/s

95th percentile per-packet one-way delay: 49.713 ms

Loss rate: 0.58%

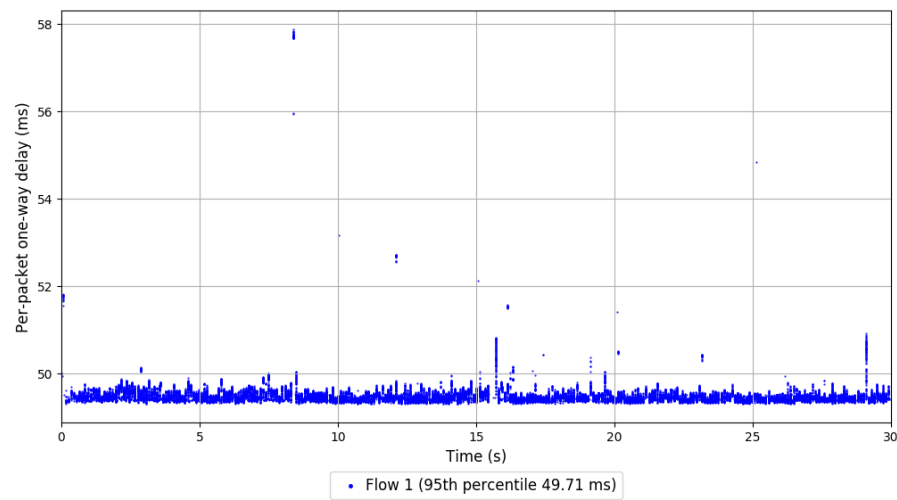
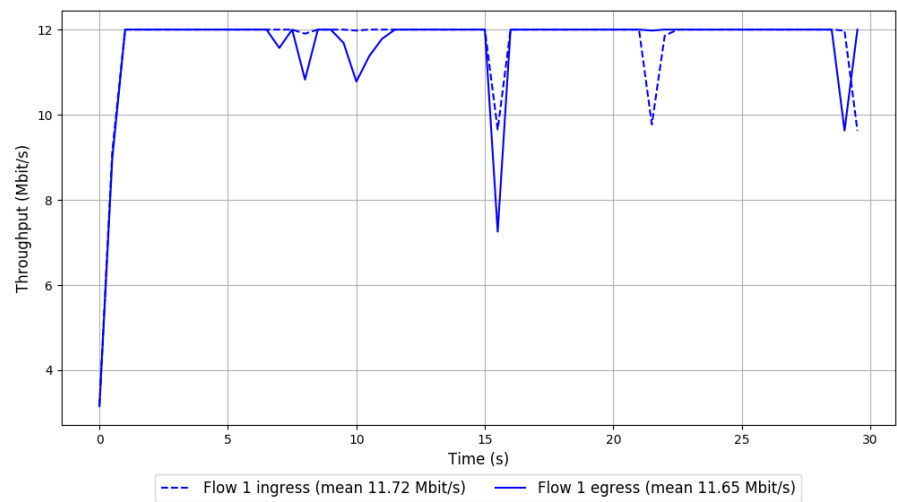
-- Flow 1:

Average throughput: 11.65 Mbit/s

95th percentile per-packet one-way delay: 49.713 ms

Loss rate: 0.58%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 02:29:36 +0000

End at: Sun, 06 Aug 2017 02:30:06 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.74 Mbit/s

95th percentile per-packet one-way delay: 49.888 ms

Loss rate: 0.31%

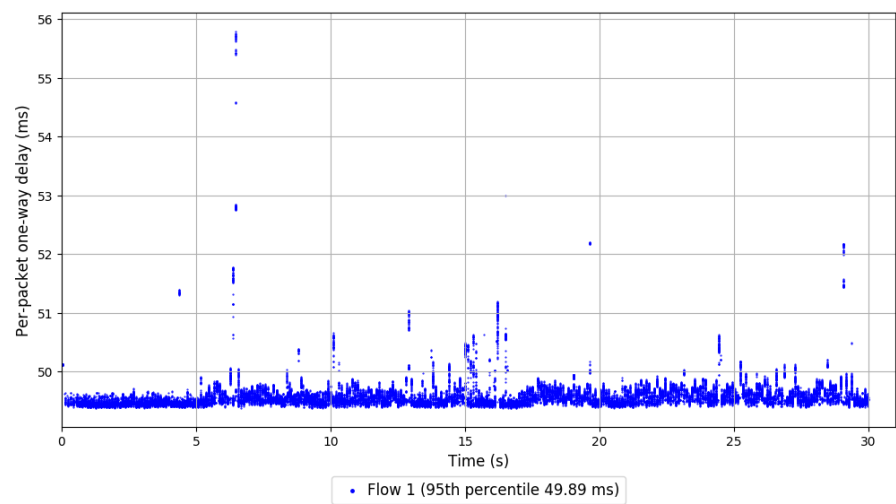
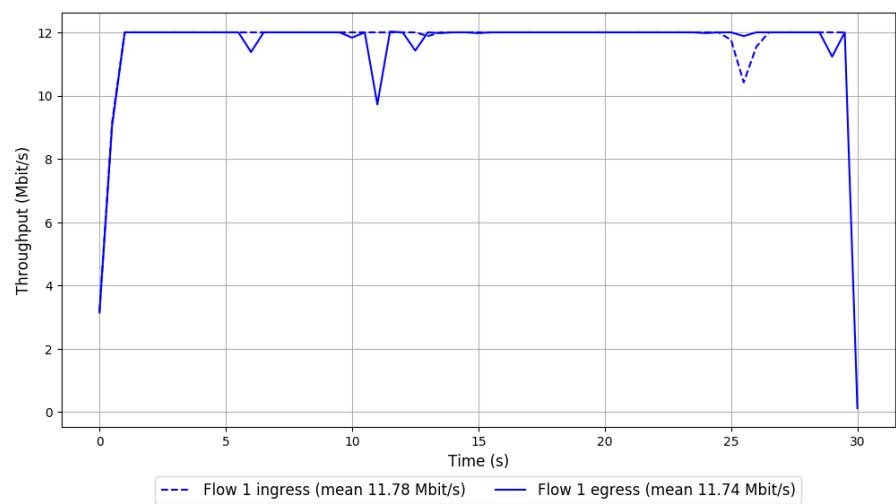
-- Flow 1:

Average throughput: 11.74 Mbit/s

95th percentile per-packet one-way delay: 49.888 ms

Loss rate: 0.31%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 02:39:55 +0000

End at: Sun, 06 Aug 2017 02:40:25 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.54 Mbit/s

95th percentile per-packet one-way delay: 50.516 ms

Loss rate: 93.16%

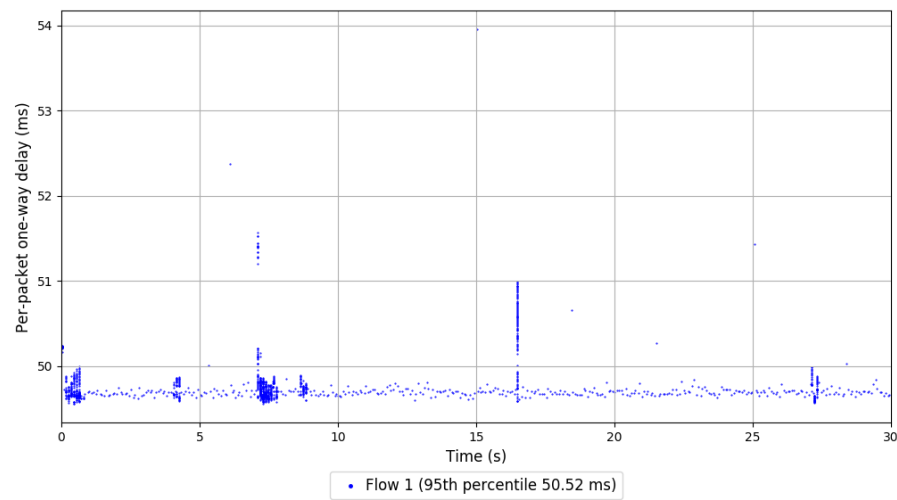
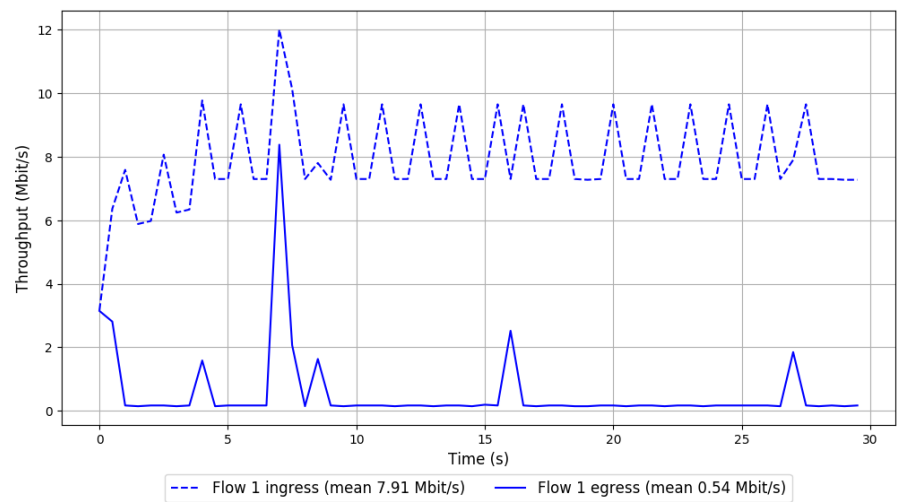
-- Flow 1:

Average throughput: 0.54 Mbit/s

95th percentile per-packet one-way delay: 50.516 ms

Loss rate: 93.16%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 02:50:01 +0000

End at: Sun, 06 Aug 2017 02:50:32 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.01 Mbit/s

95th percentile per-packet one-way delay: 50.951 ms

Loss rate: 3.65%

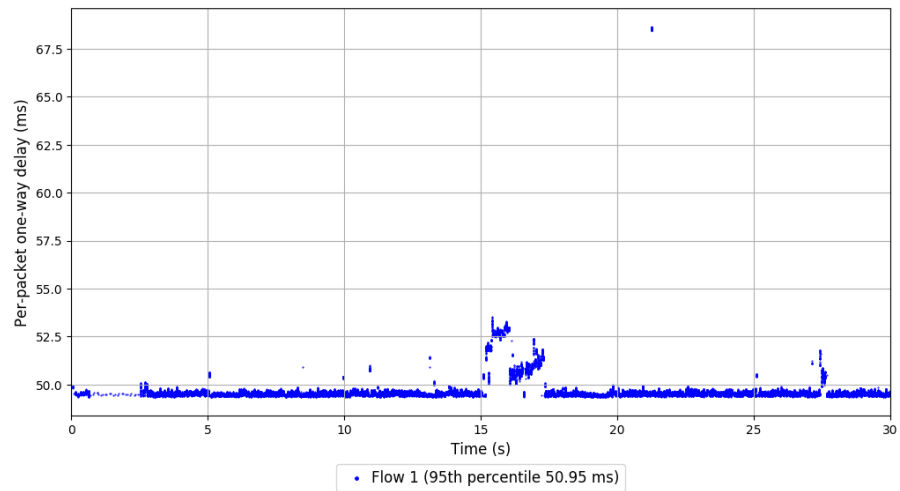
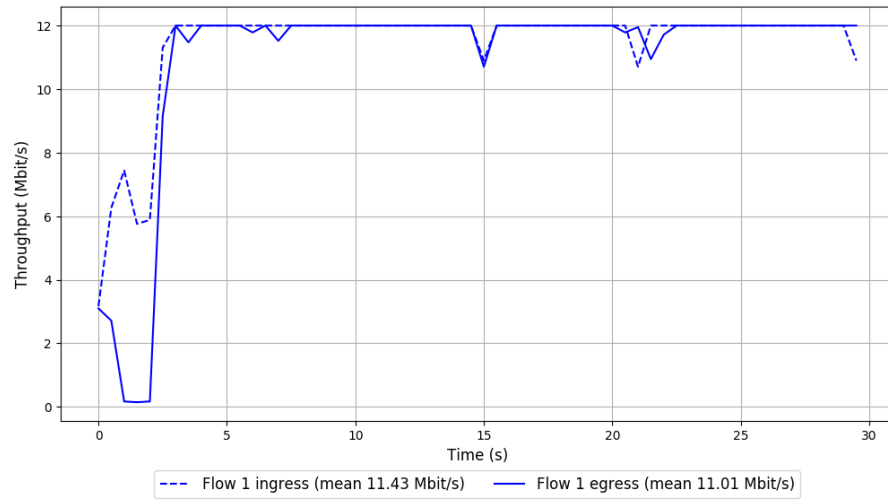
-- Flow 1:

Average throughput: 11.01 Mbit/s

95th percentile per-packet one-way delay: 50.951 ms

Loss rate: 3.65%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 03:00:27 +0000

End at: Sun, 06 Aug 2017 03:00:57 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.59 Mbit/s

95th percentile per-packet one-way delay: 50.126 ms

Loss rate: 0.59%

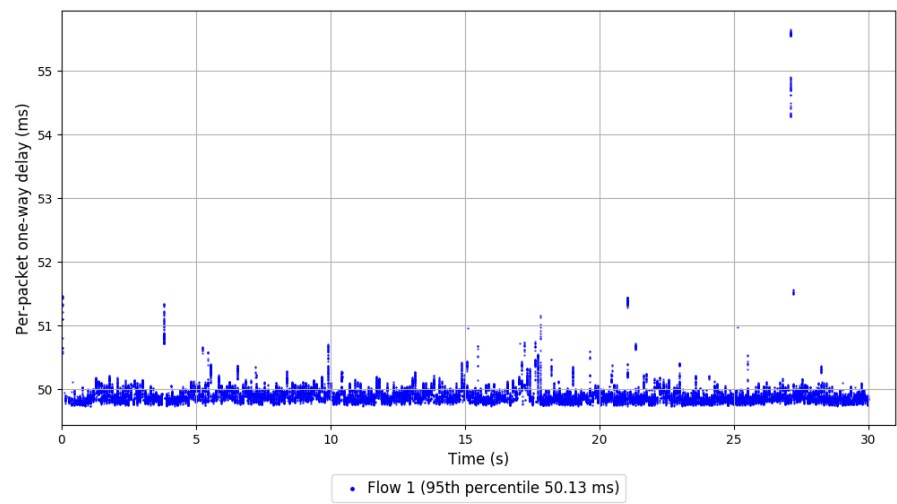
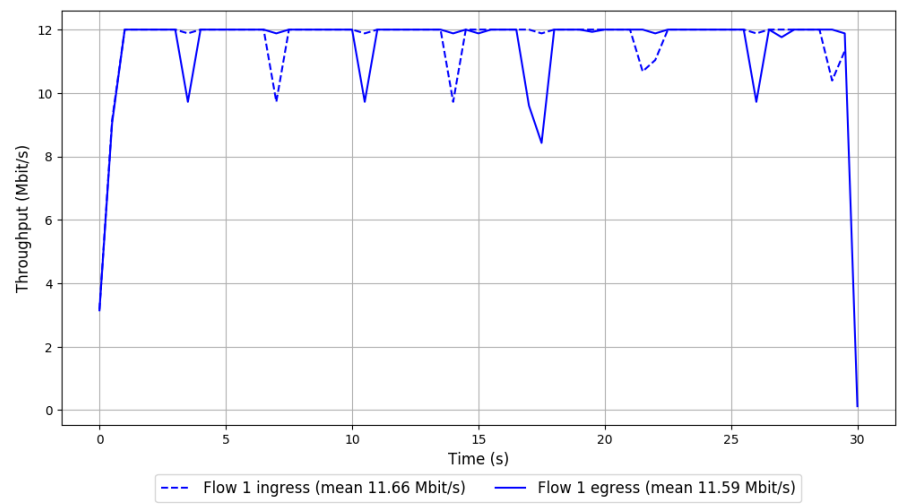
-- Flow 1:

Average throughput: 11.59 Mbit/s

95th percentile per-packet one-way delay: 50.126 ms

Loss rate: 0.59%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 03:10:48 +0000

End at: Sun, 06 Aug 2017 03:11:18 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.73 Mbit/s

95th percentile per-packet one-way delay: 50.827 ms

Loss rate: 5.79%

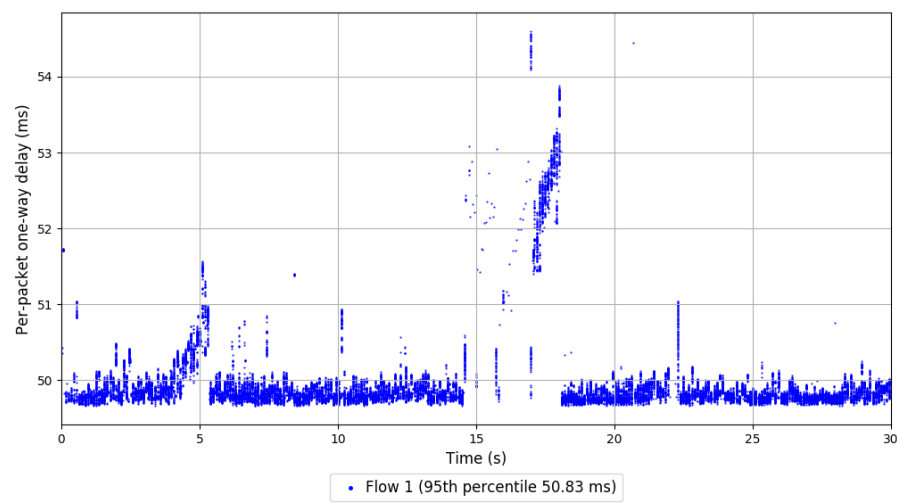
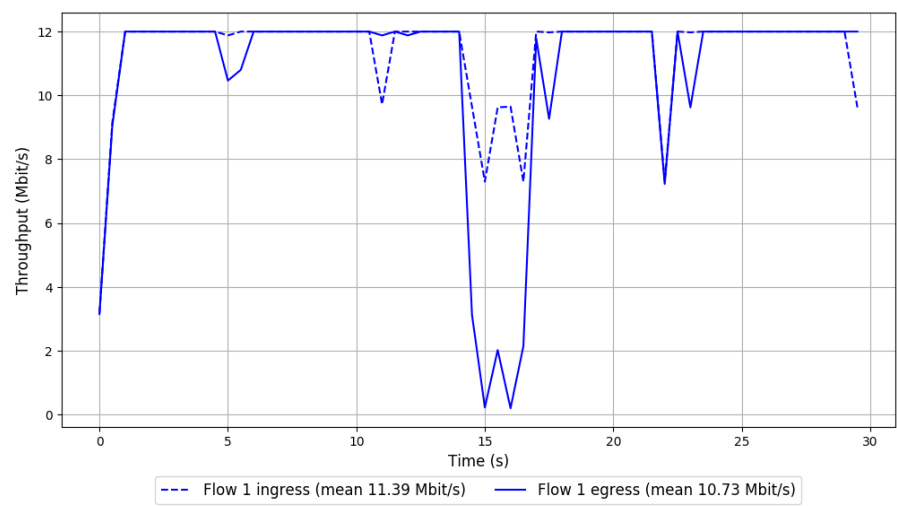
-- Flow 1:

Average throughput: 10.73 Mbit/s

95th percentile per-packet one-way delay: 50.827 ms

Loss rate: 5.79%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 03:20:42 +0000

End at: Sun, 06 Aug 2017 03:21:12 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.86 Mbit/s

95th percentile per-packet one-way delay: 50.259 ms

Loss rate: 67.98%

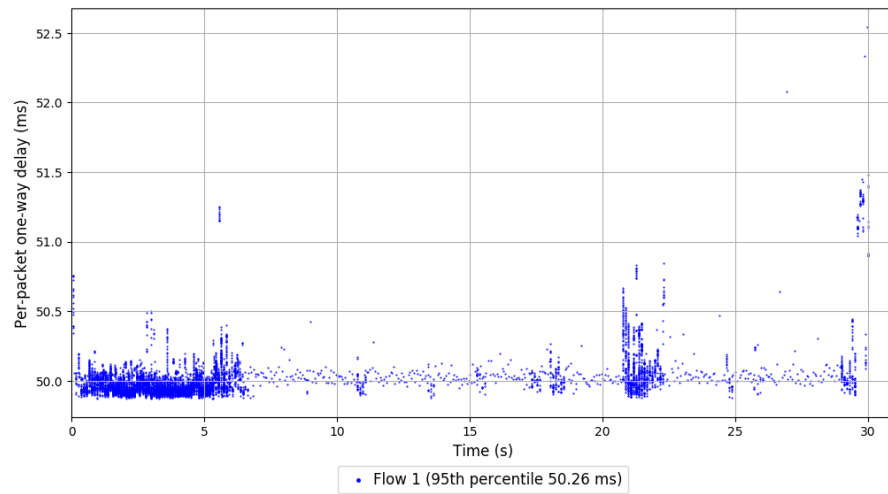
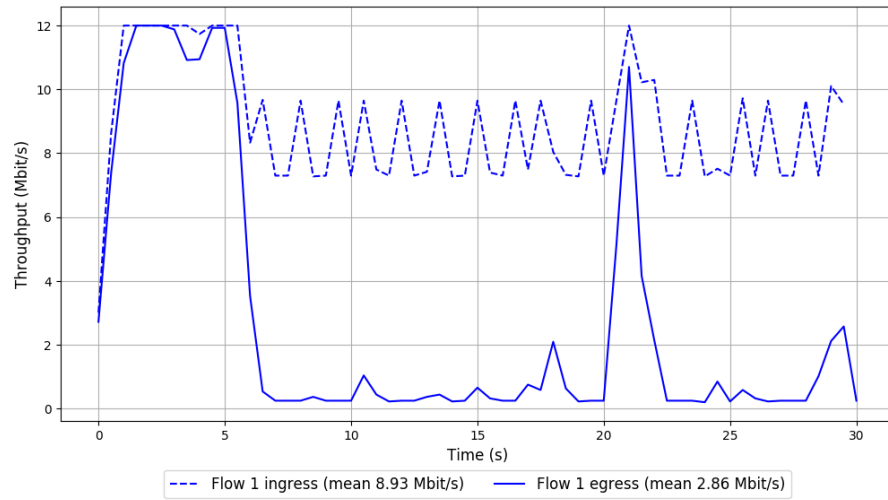
-- Flow 1:

Average throughput: 2.86 Mbit/s

95th percentile per-packet one-way delay: 50.259 ms

Loss rate: 67.98%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 03:30:46 +0000

End at: Sun, 06 Aug 2017 03:31:16 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.61 Mbit/s

95th percentile per-packet one-way delay: 50.368 ms

Loss rate: 92.47%

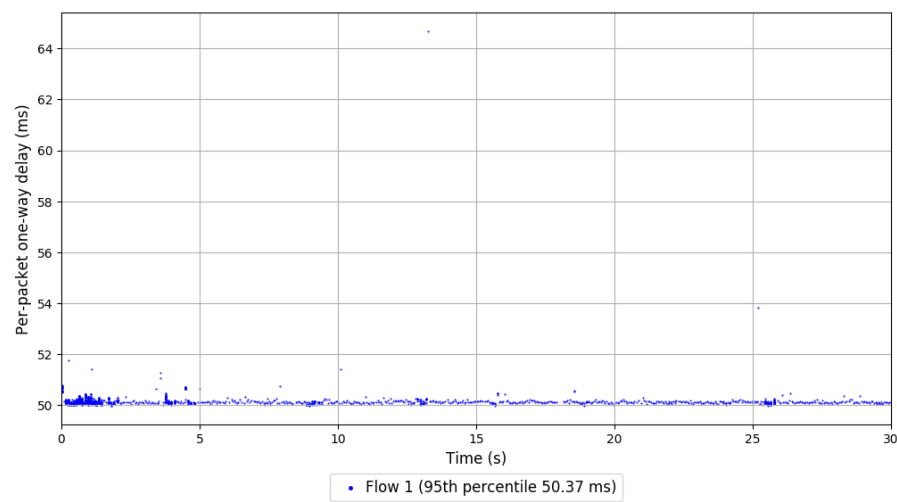
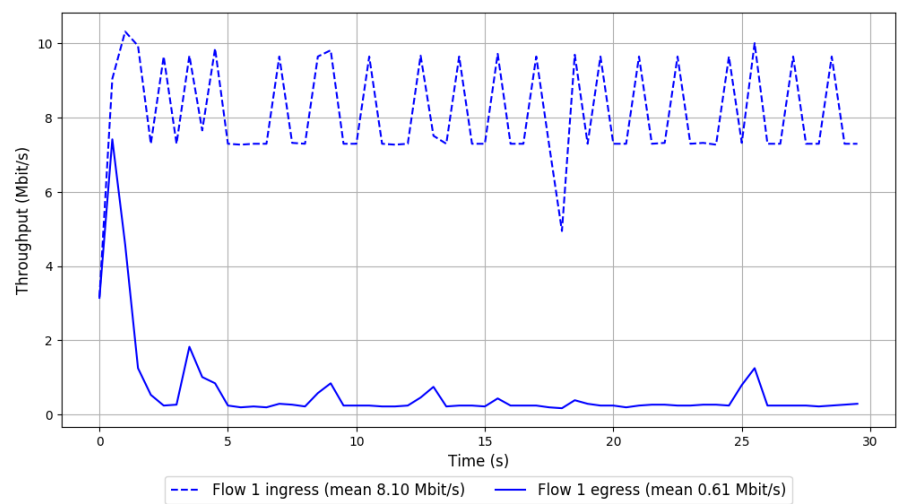
-- Flow 1:

Average throughput: 0.61 Mbit/s

95th percentile per-packet one-way delay: 50.368 ms

Loss rate: 92.47%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sun, 06 Aug 2017 03:40:51 +0000

End at: Sun, 06 Aug 2017 03:41:21 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.49 Mbit/s

95th percentile per-packet one-way delay: 51.185 ms

Loss rate: 0.44%

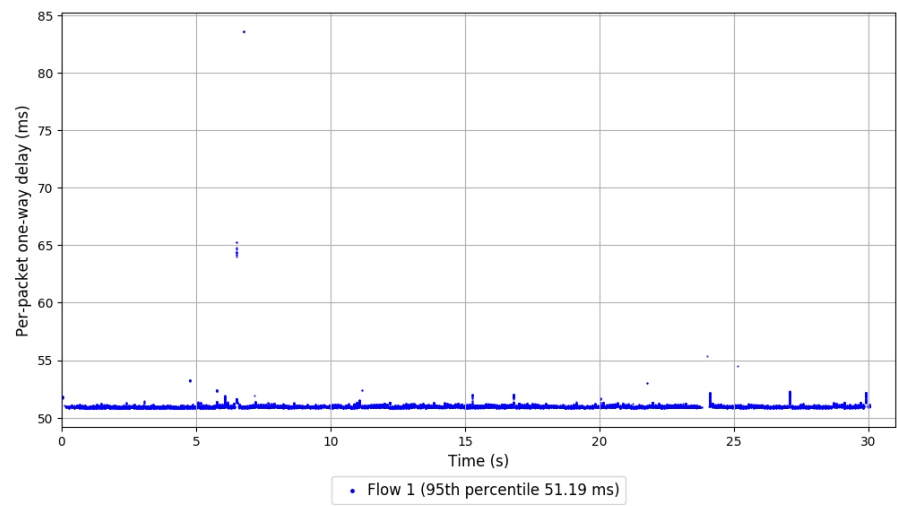
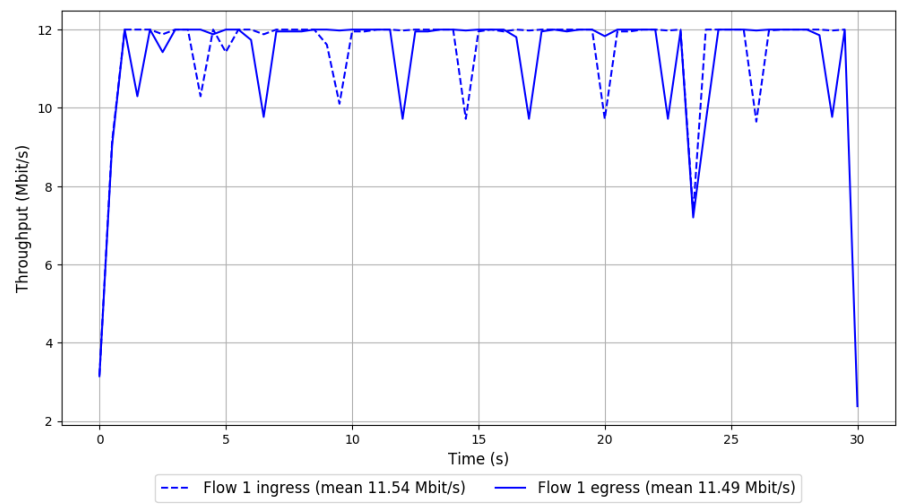
-- Flow 1:

Average throughput: 11.49 Mbit/s

95th percentile per-packet one-way delay: 51.185 ms

Loss rate: 0.44%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 02:12:25 +0000

End at: Sun, 06 Aug 2017 02:12:55 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.58 Mbit/s

95th percentile per-packet one-way delay: 50.249 ms

Loss rate: 2.30%

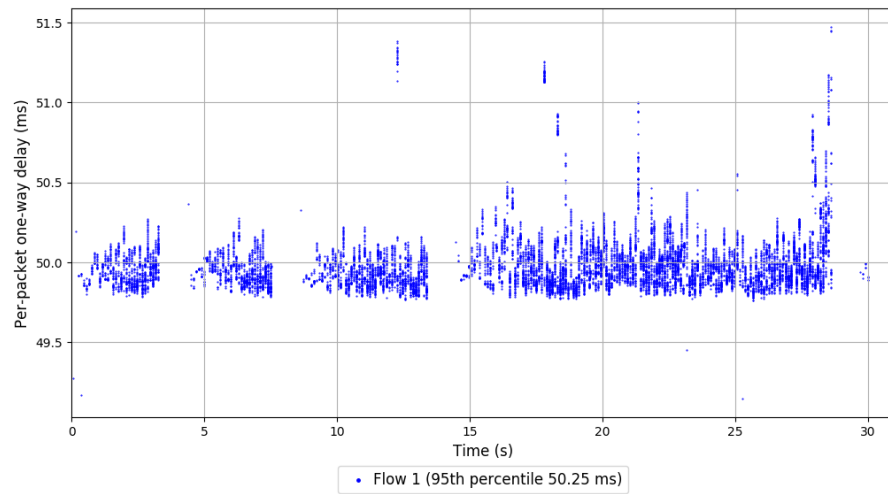
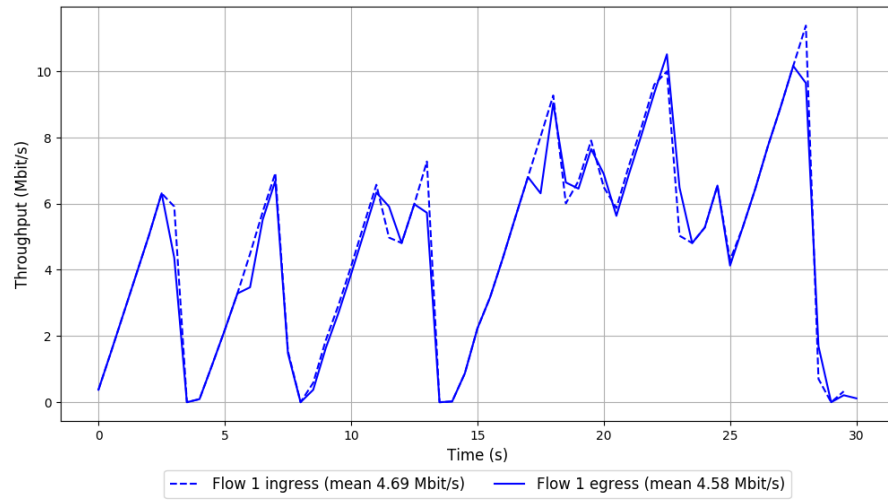
-- Flow 1:

Average throughput: 4.58 Mbit/s

95th percentile per-packet one-way delay: 50.249 ms

Loss rate: 2.30%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 02:22:19 +0000

End at: Sun, 06 Aug 2017 02:22:49 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 50.544 ms

Loss rate: 2.65%

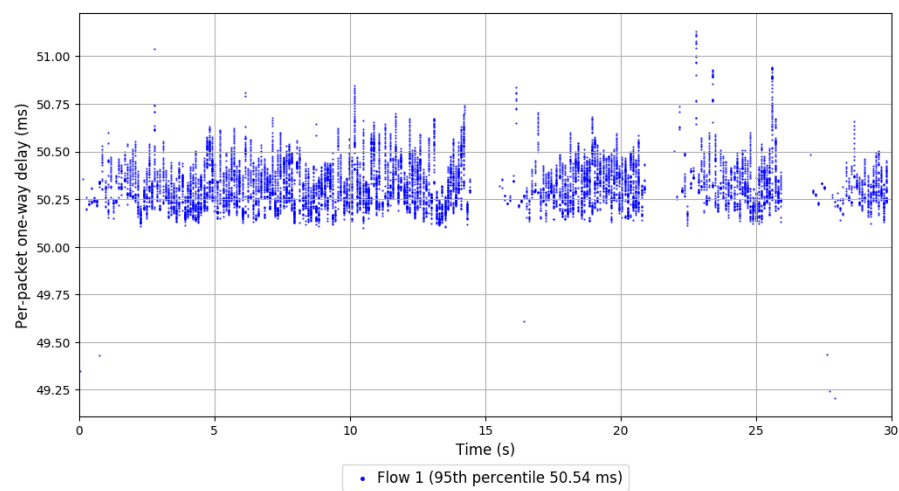
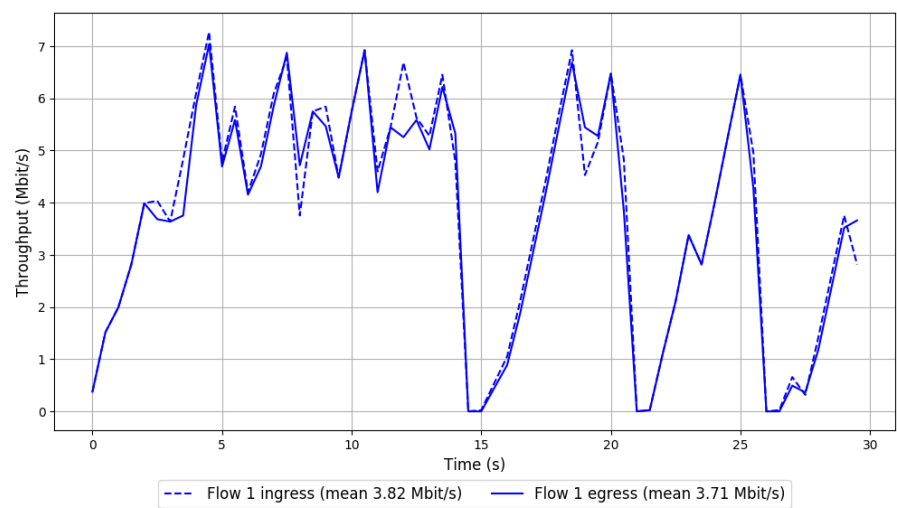
-- Flow 1:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 50.544 ms

Loss rate: 2.65%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 02:32:18 +0000

End at: Sun, 06 Aug 2017 02:32:48 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.94 Mbit/s

95th percentile per-packet one-way delay: 50.049 ms

Loss rate: 1.03%

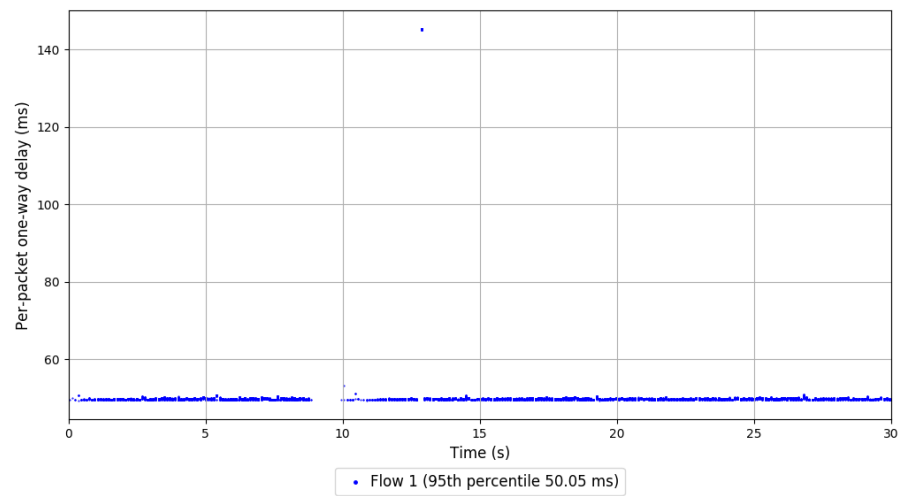
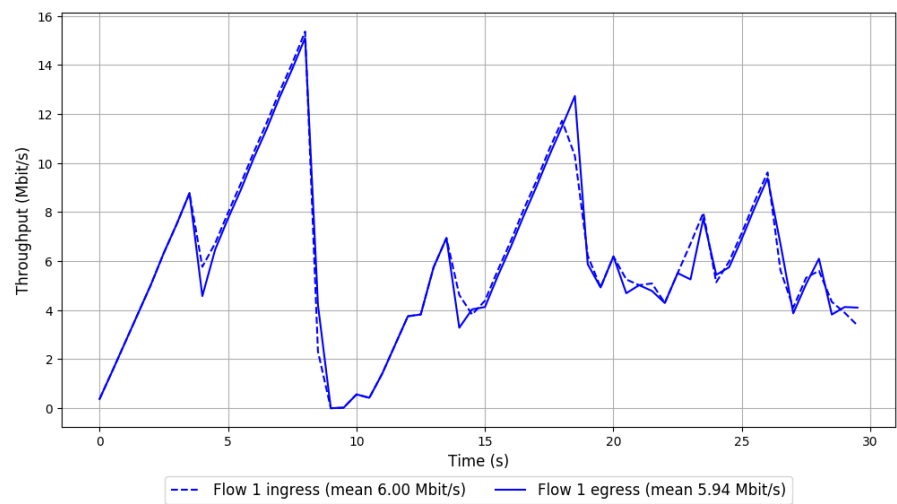
-- Flow 1:

Average throughput: 5.94 Mbit/s

95th percentile per-packet one-way delay: 50.049 ms

Loss rate: 1.03%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 02:42:46 +0000

End at: Sun, 06 Aug 2017 02:43:16 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.61 Mbit/s

95th percentile per-packet one-way delay: 49.789 ms

Loss rate: 0.76%

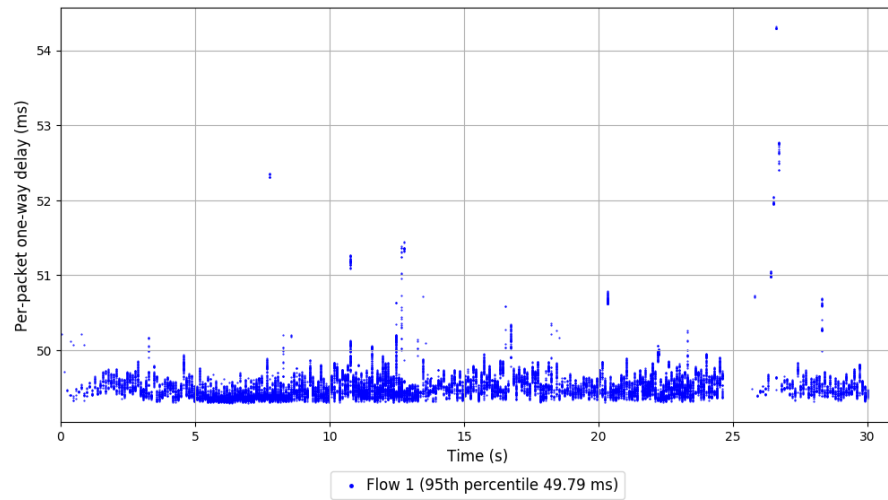
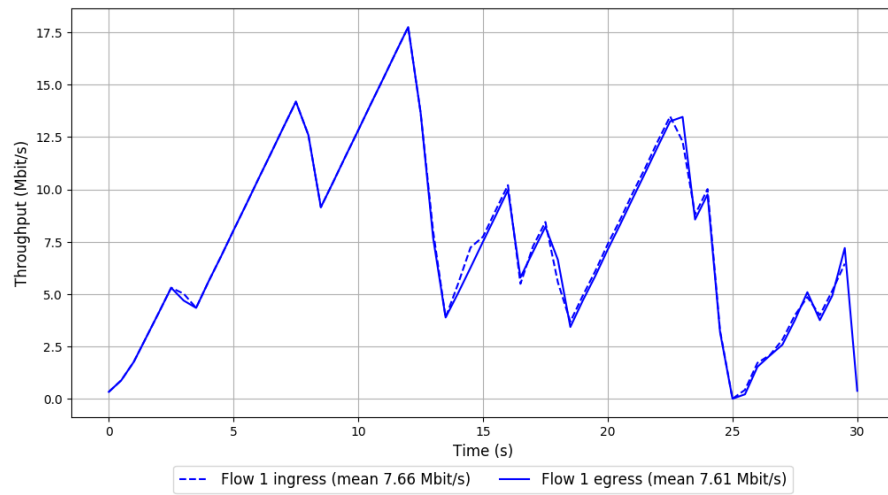
-- Flow 1:

Average throughput: 7.61 Mbit/s

95th percentile per-packet one-way delay: 49.789 ms

Loss rate: 0.76%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 02:52:59 +0000

End at: Sun, 06 Aug 2017 02:53:29 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.08 Mbit/s

95th percentile per-packet one-way delay: 49.887 ms

Loss rate: 1.03%

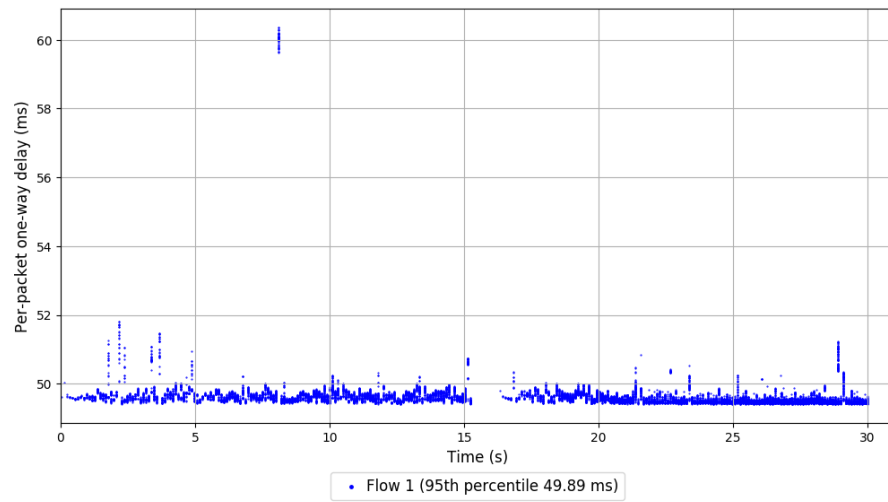
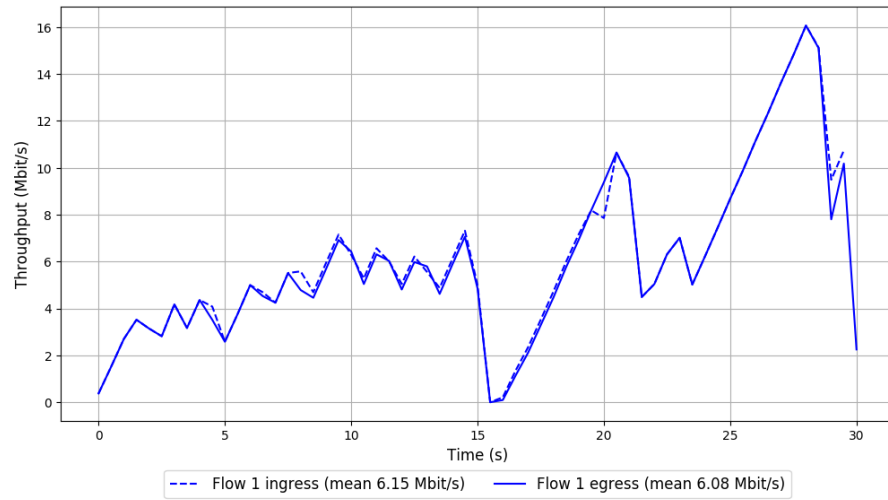
-- Flow 1:

Average throughput: 6.08 Mbit/s

95th percentile per-packet one-way delay: 49.887 ms

Loss rate: 1.03%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 03:03:14 +0000

End at: Sun, 06 Aug 2017 03:03:44 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 51.573 ms

Loss rate: 5.11%

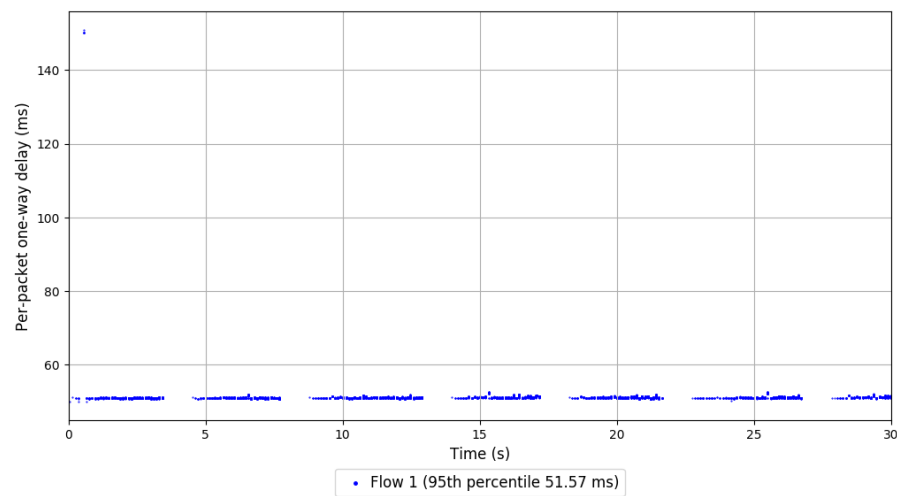
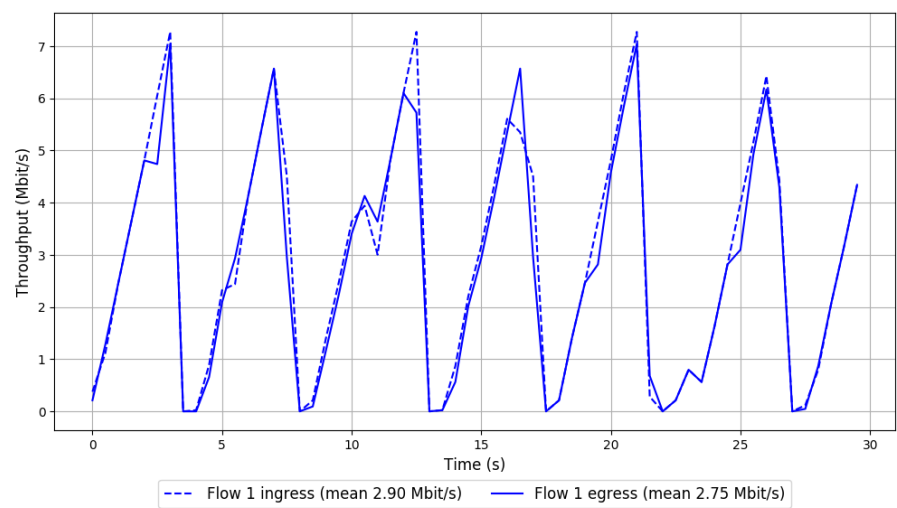
-- Flow 1:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 51.573 ms

Loss rate: 5.11%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 03:13:20 +0000

End at: Sun, 06 Aug 2017 03:13:50 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 51.532 ms

Loss rate: 5.09%

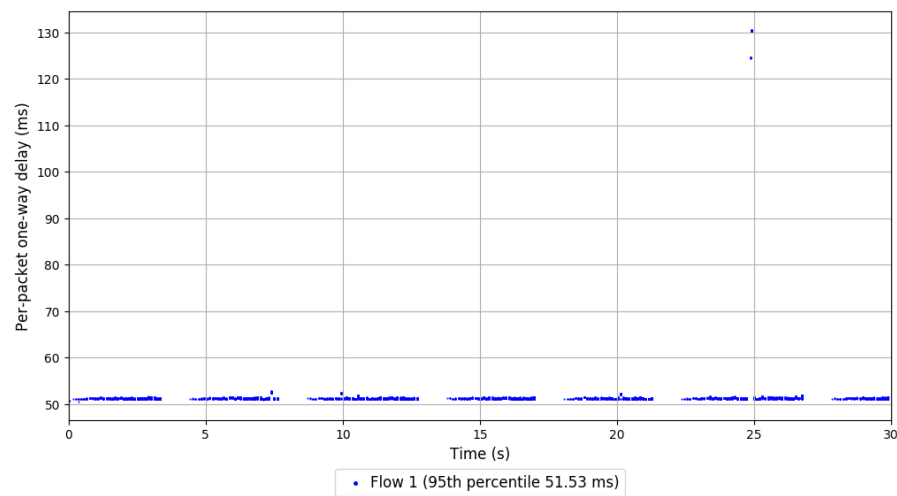
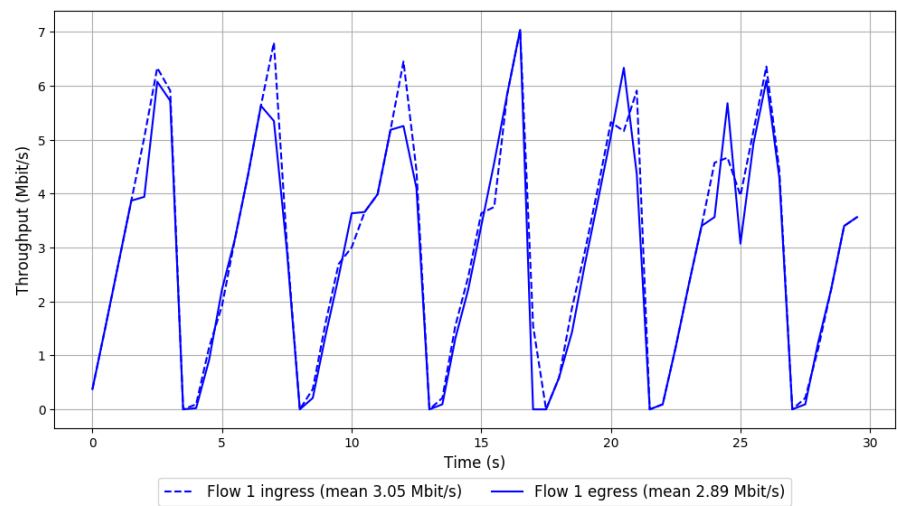
-- Flow 1:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 51.532 ms

Loss rate: 5.09%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 03:23:40 +0000

End at: Sun, 06 Aug 2017 03:24:10 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.32 Mbit/s

95th percentile per-packet one-way delay: 51.645 ms

Loss rate: 3.57%

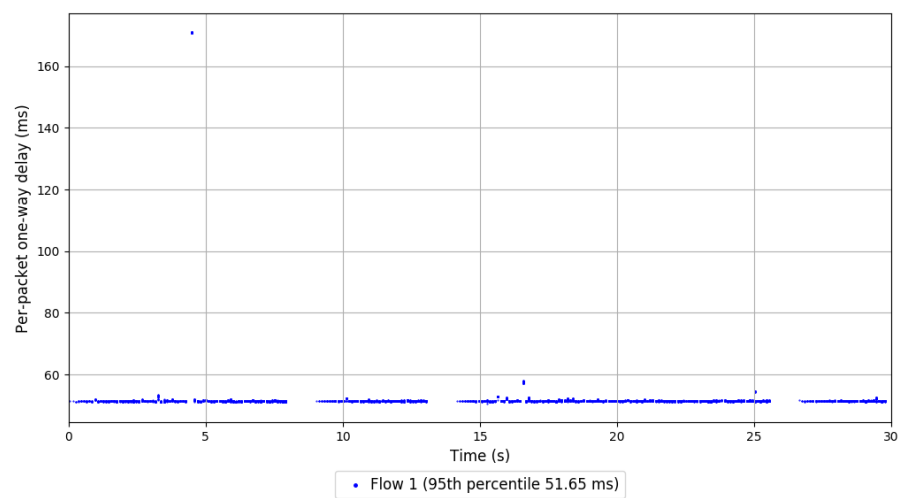
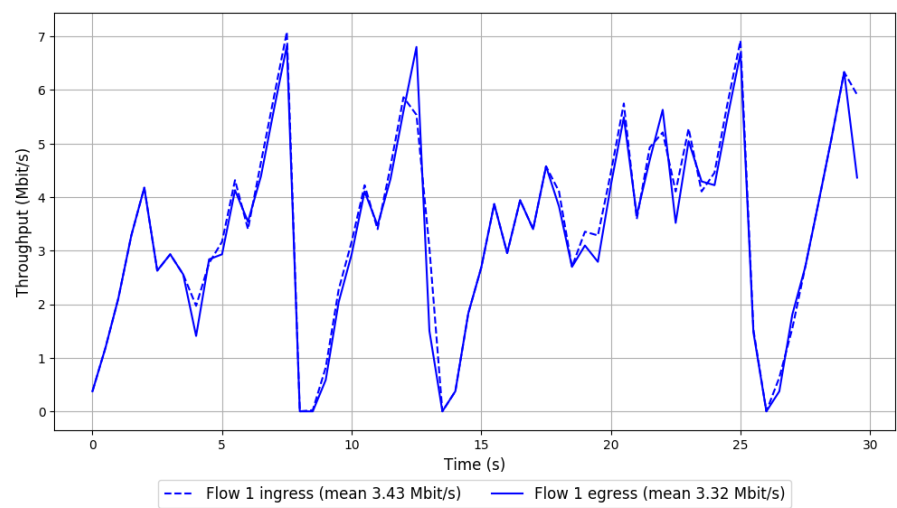
-- Flow 1:

Average throughput: 3.32 Mbit/s

95th percentile per-packet one-way delay: 51.645 ms

Loss rate: 3.57%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 03:33:46 +0000

End at: Sun, 06 Aug 2017 03:34:16 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.59 Mbit/s

95th percentile per-packet one-way delay: 50.119 ms

Loss rate: 2.23%

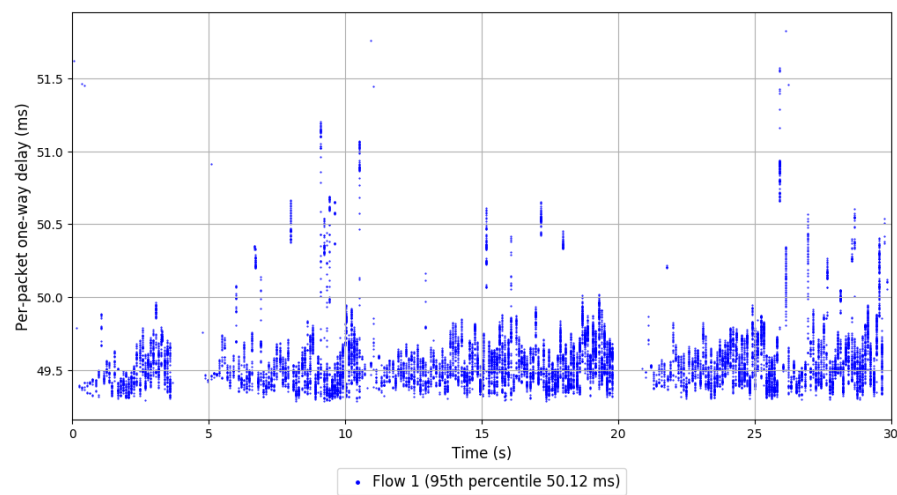
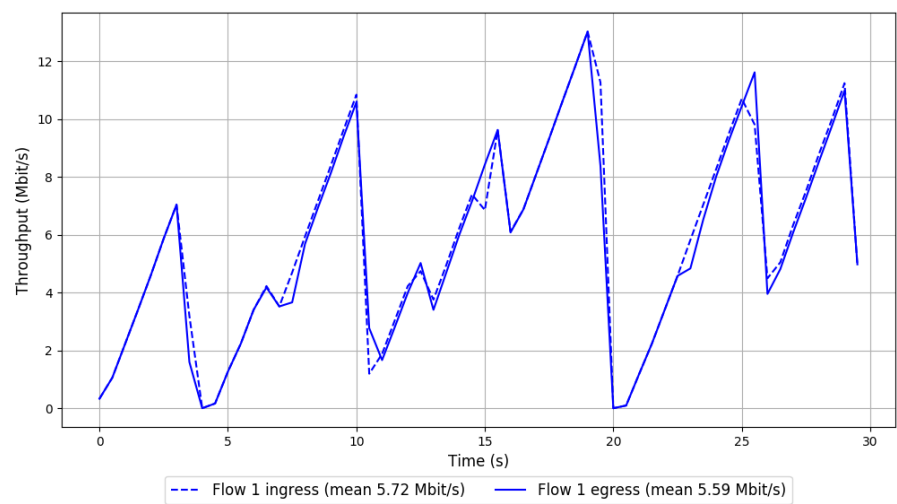
-- Flow 1:

Average throughput: 5.59 Mbit/s

95th percentile per-packet one-way delay: 50.119 ms

Loss rate: 2.23%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sun, 06 Aug 2017 03:43:28 +0000

End at: Sun, 06 Aug 2017 03:43:58 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:01:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.38 Mbit/s

95th percentile per-packet one-way delay: 51.267 ms

Loss rate: 4.14%

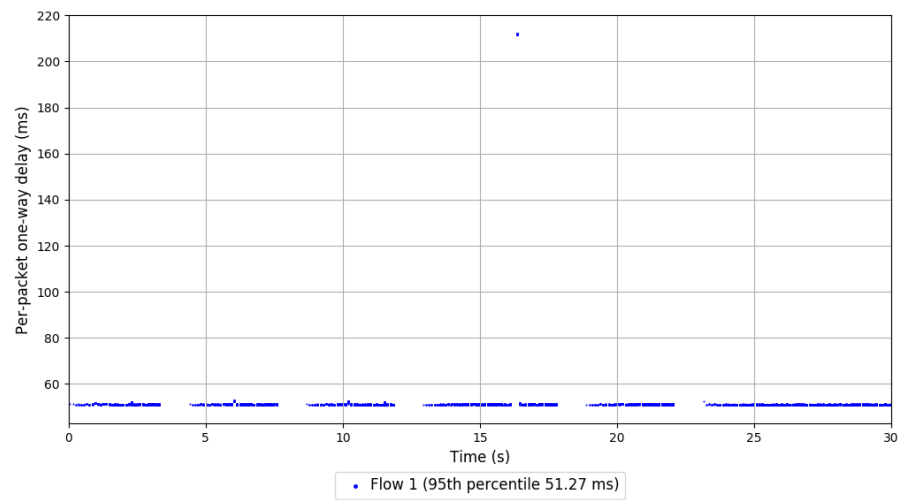
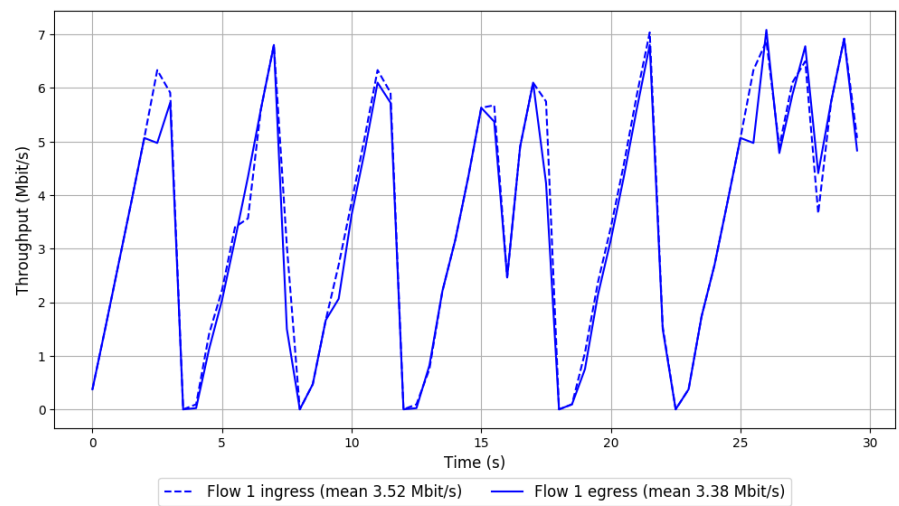
-- Flow 1:

Average throughput: 3.38 Mbit/s

95th percentile per-packet one-way delay: 51.267 ms

Loss rate: 4.14%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 06 Aug 2017 02:14:17 +0000

End at: Sun, 06 Aug 2017 02:14:47 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:02:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 278.51 Mbit/s

95th percentile per-packet one-way delay: 50.218 ms

Loss rate: 3.92%

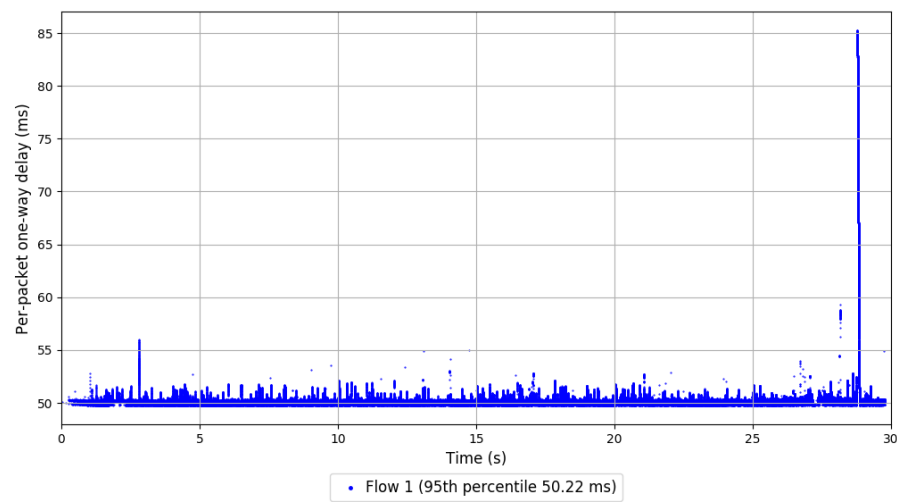
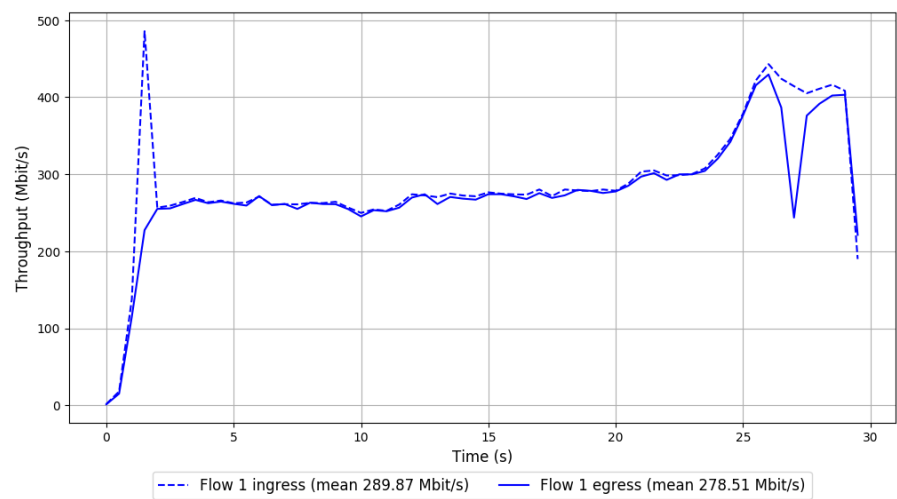
-- Flow 1:

Average throughput: 278.51 Mbit/s

95th percentile per-packet one-way delay: 50.218 ms

Loss rate: 3.92%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 06 Aug 2017 02:24:11 +0000

End at: Sun, 06 Aug 2017 02:24:41 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:03:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 502.46 Mbit/s

95th percentile per-packet one-way delay: 54.388 ms

Loss rate: 1.44%

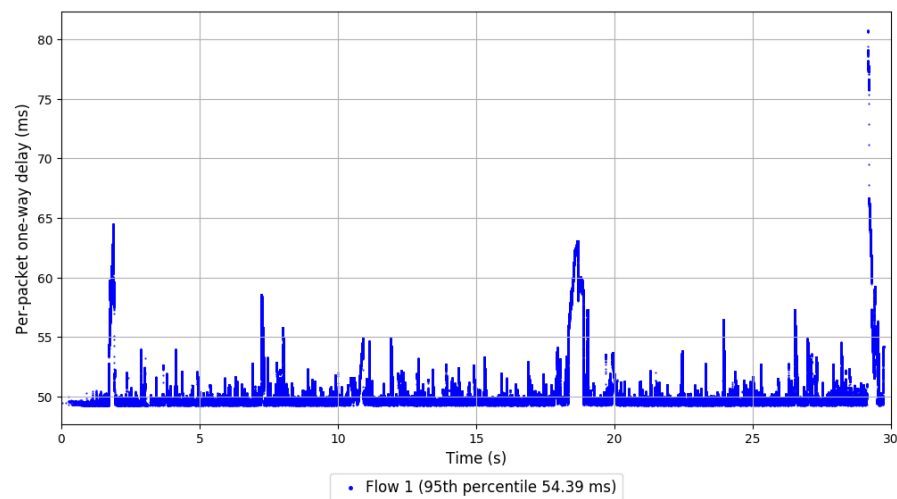
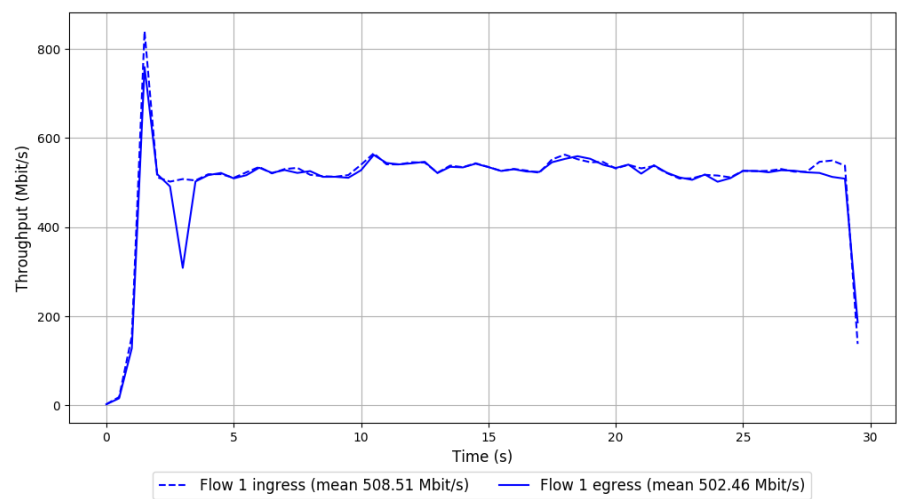
-- Flow 1:

Average throughput: 502.46 Mbit/s

95th percentile per-packet one-way delay: 54.388 ms

Loss rate: 1.44%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sun, 06 Aug 2017 02:34:09 +0000

End at: Sun, 06 Aug 2017 02:34:39 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:04:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 476.64 Mbit/s

95th percentile per-packet one-way delay: 51.009 ms

Loss rate: 6.86%

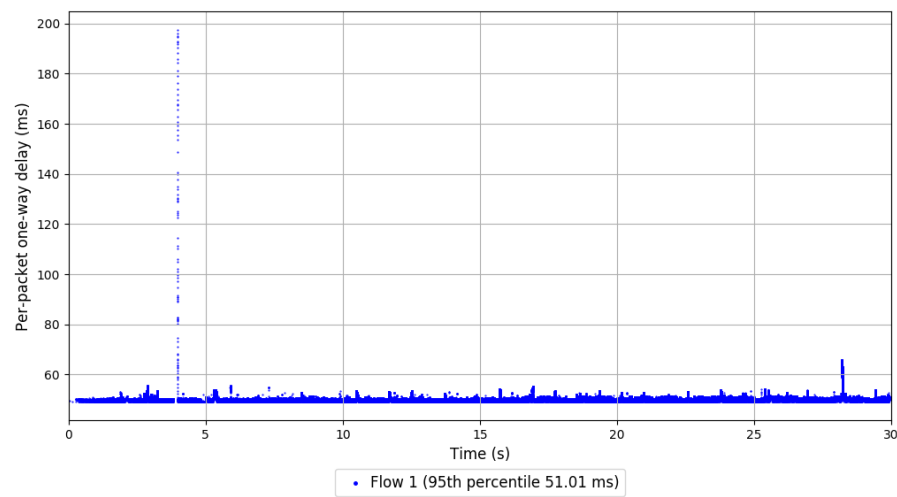
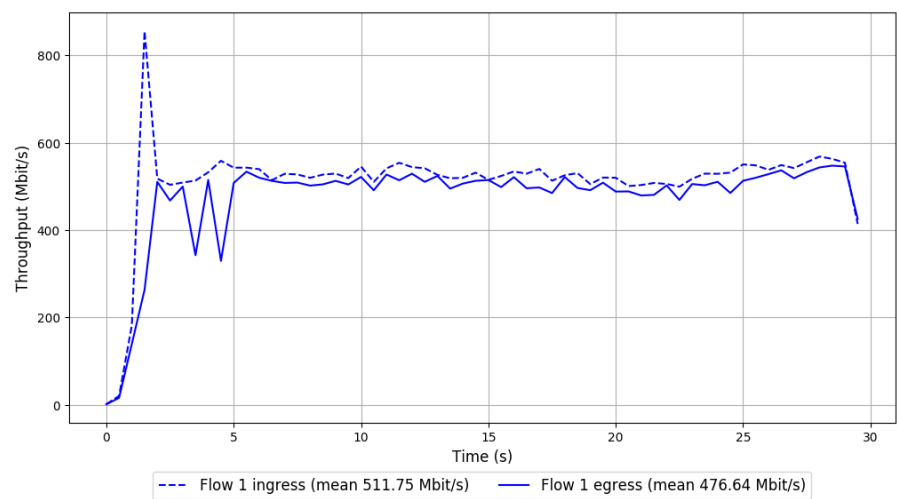
-- Flow 1:

Average throughput: 476.64 Mbit/s

95th percentile per-packet one-way delay: 51.009 ms

Loss rate: 6.86%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 06 Aug 2017 02:44:37 +0000

End at: Sun, 06 Aug 2017 02:45:07 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:04:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.13 Mbit/s

95th percentile per-packet one-way delay: 50.158 ms

Loss rate: 7.04%

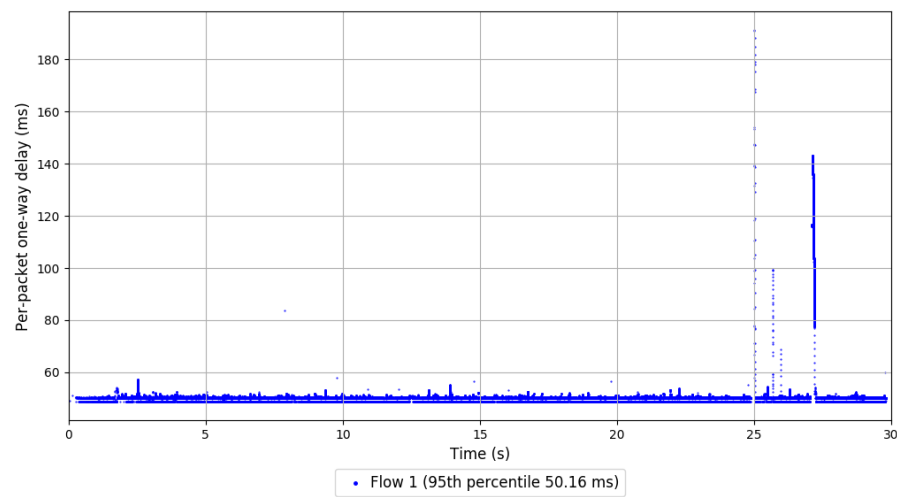
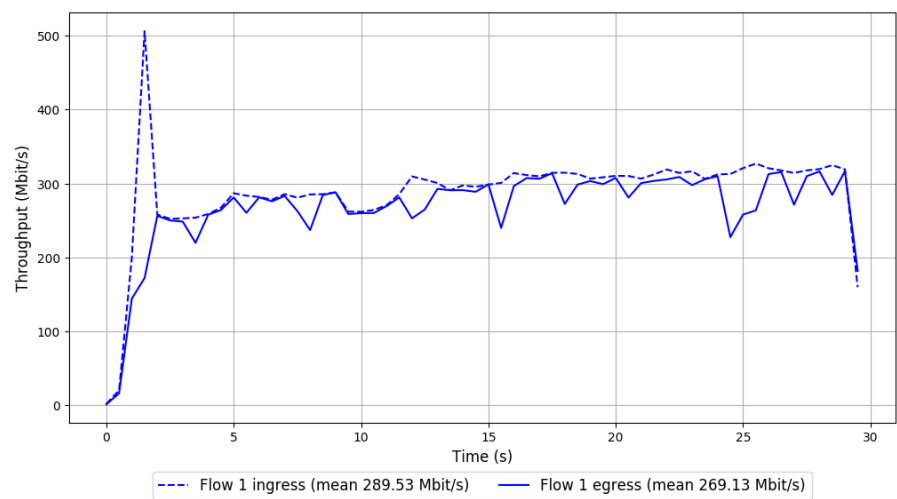
-- Flow 1:

Average throughput: 269.13 Mbit/s

95th percentile per-packet one-way delay: 50.158 ms

Loss rate: 7.04%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 06 Aug 2017 02:54:51 +0000

End at: Sun, 06 Aug 2017 02:55:21 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:05:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 405.26 Mbit/s

95th percentile per-packet one-way delay: 50.274 ms

Loss rate: 11.37%

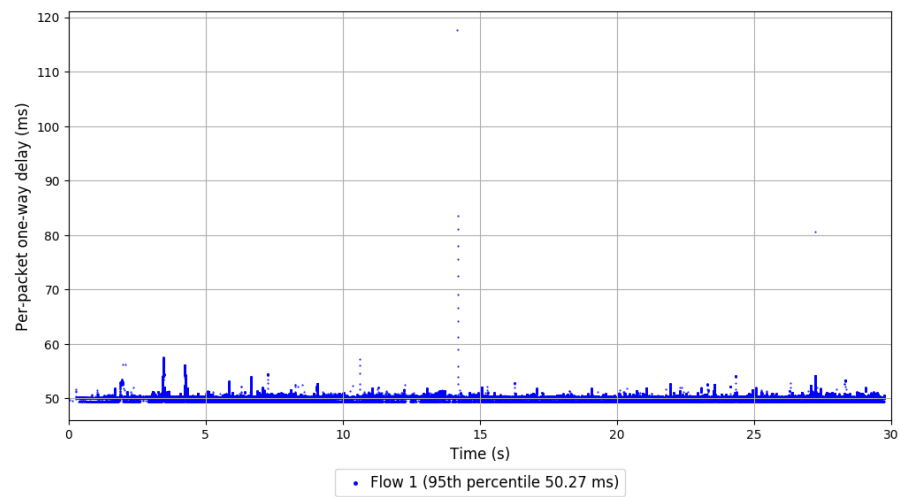
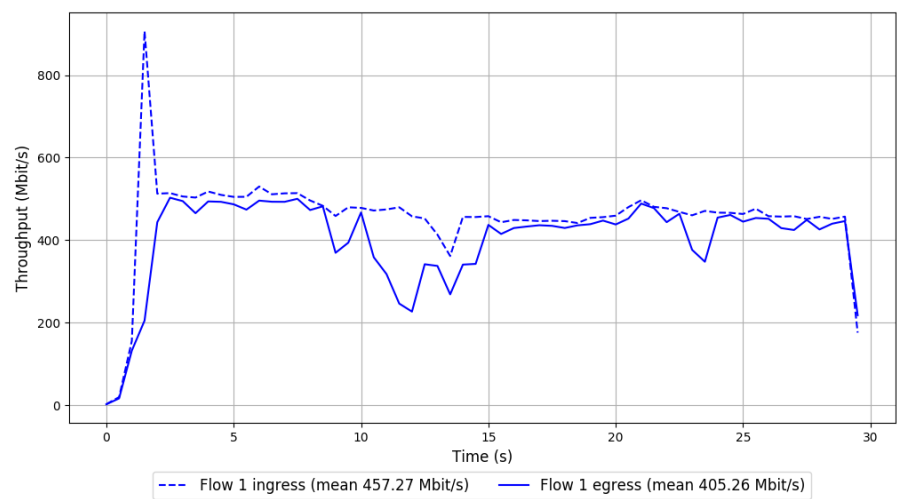
-- Flow 1:

Average throughput: 405.26 Mbit/s

95th percentile per-packet one-way delay: 50.274 ms

Loss rate: 11.37%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sun, 06 Aug 2017 03:05:10 +0000

End at: Sun, 06 Aug 2017 03:05:40 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:05:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 282.79 Mbit/s

95th percentile per-packet one-way delay: 50.664 ms

Loss rate: 6.71%

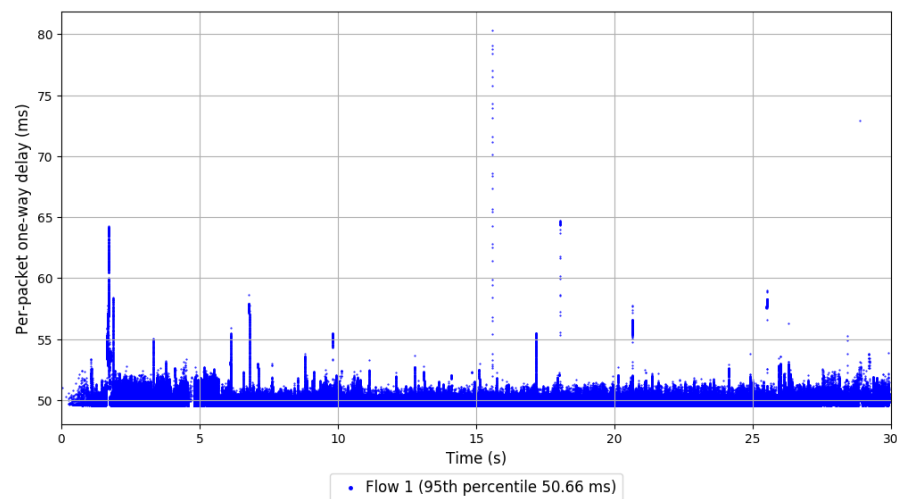
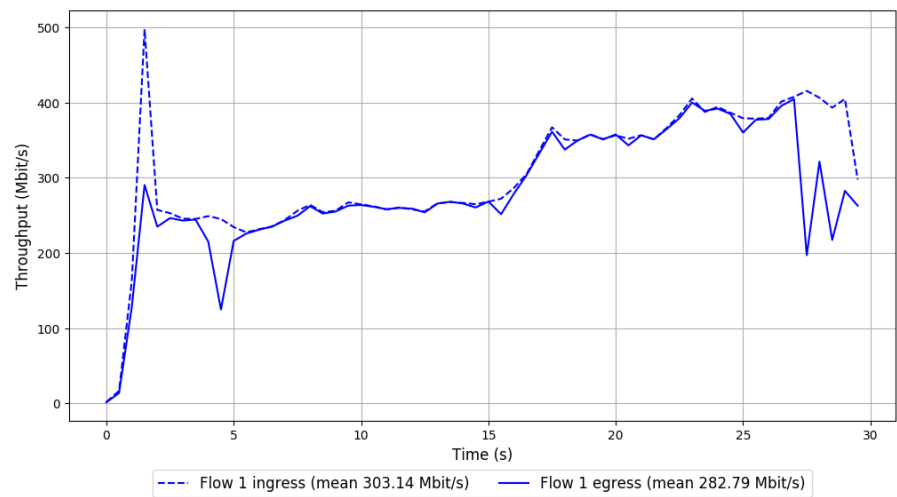
-- Flow 1:

Average throughput: 282.79 Mbit/s

95th percentile per-packet one-way delay: 50.664 ms

Loss rate: 6.71%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sun, 06 Aug 2017 03:15:11 +0000

End at: Sun, 06 Aug 2017 03:15:41 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:06:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 522.90 Mbit/s

95th percentile per-packet one-way delay: 57.915 ms

Loss rate: 0.62%

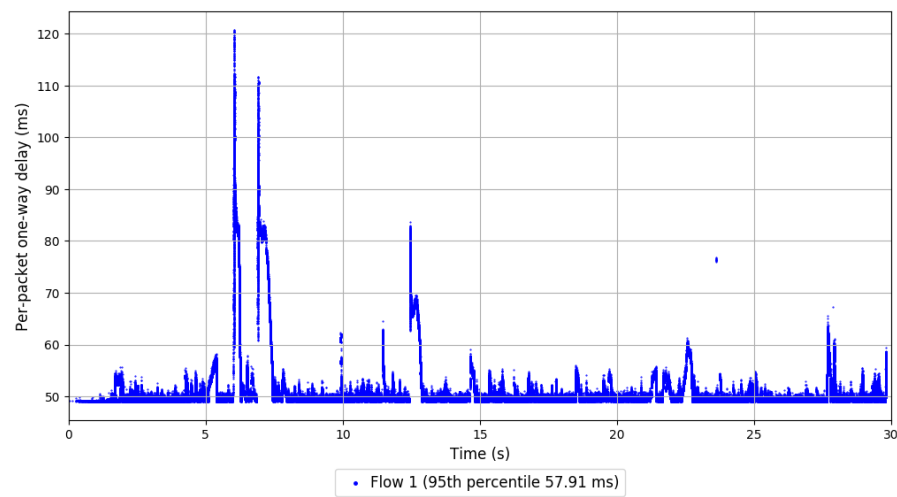
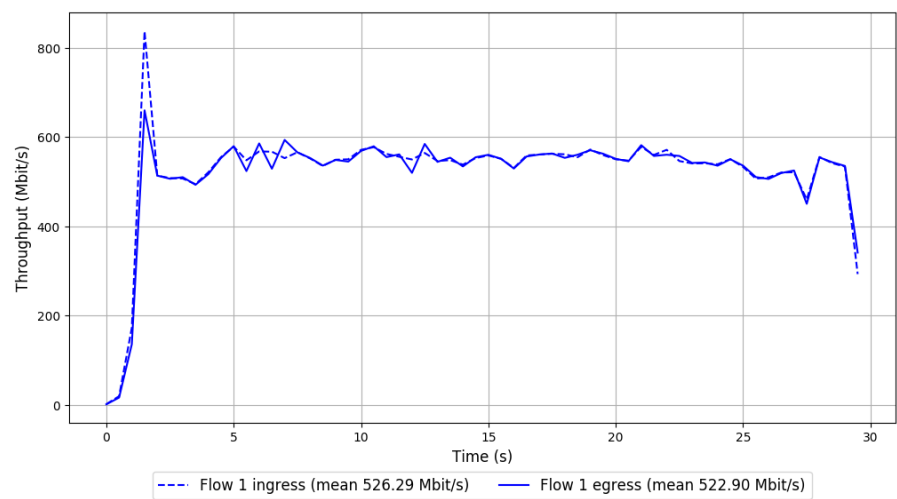
-- Flow 1:

Average throughput: 522.90 Mbit/s

95th percentile per-packet one-way delay: 57.915 ms

Loss rate: 0.62%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sun, 06 Aug 2017 03:25:31 +0000

End at: Sun, 06 Aug 2017 03:26:01 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:06:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 117.56 Mbit/s

95th percentile per-packet one-way delay: 62.684 ms

Loss rate: 77.60%

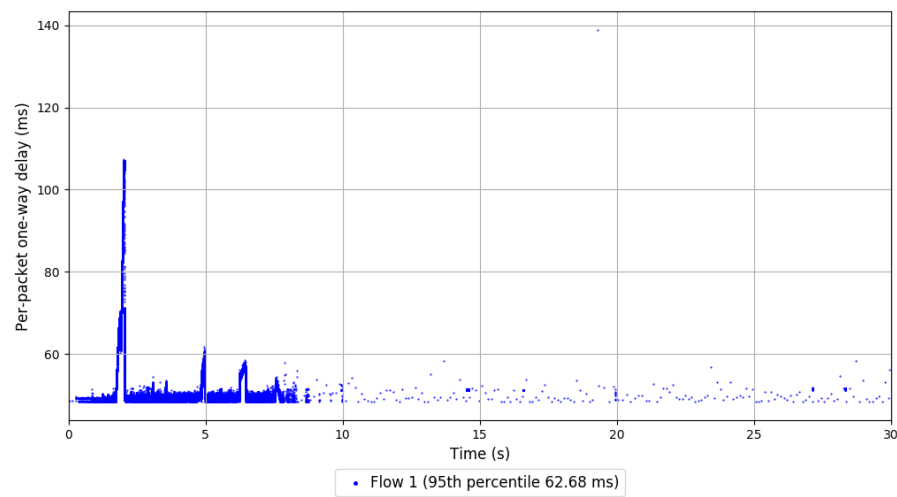
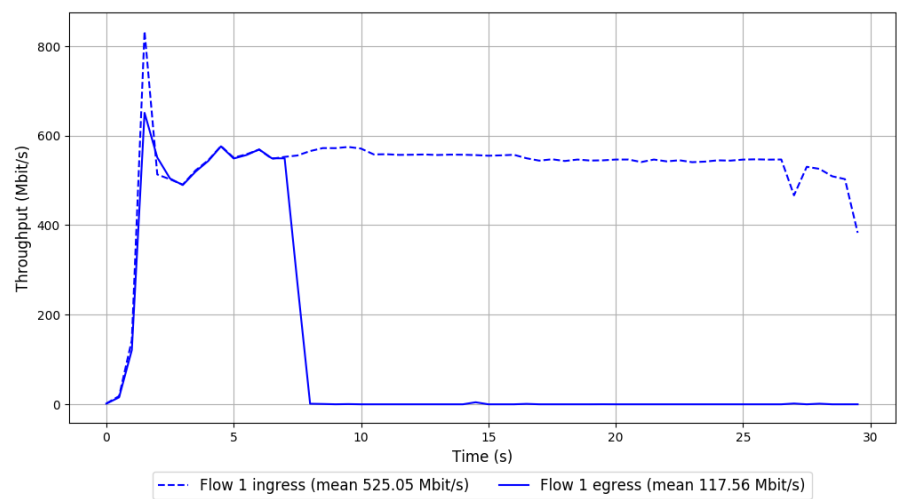
-- Flow 1:

Average throughput: 117.56 Mbit/s

95th percentile per-packet one-way delay: 62.684 ms

Loss rate: 77.60%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sun, 06 Aug 2017 03:35:38 +0000

End at: Sun, 06 Aug 2017 03:36:08 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:06:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 273.12 Mbit/s

95th percentile per-packet one-way delay: 50.586 ms

Loss rate: 6.61%

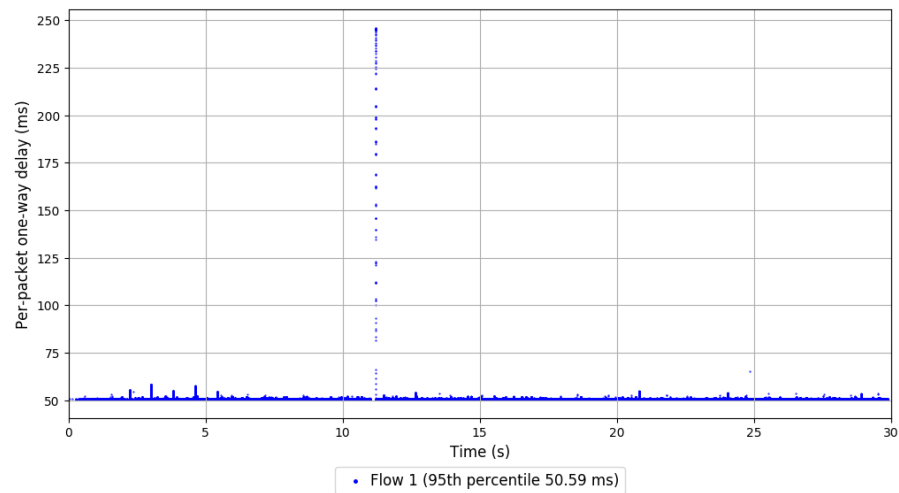
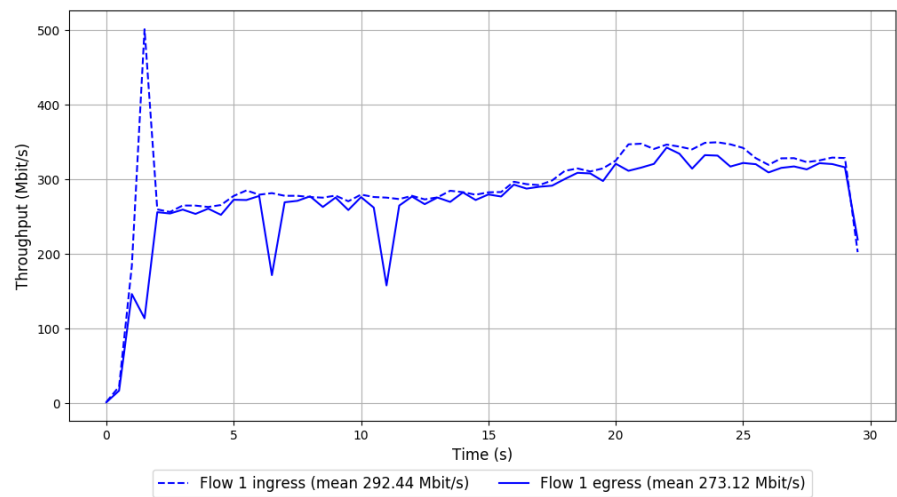
-- Flow 1:

Average throughput: 273.12 Mbit/s

95th percentile per-packet one-way delay: 50.586 ms

Loss rate: 6.61%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sun, 06 Aug 2017 03:45:19 +0000

End at: Sun, 06 Aug 2017 03:45:49 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.41 Mbit/s

95th percentile per-packet one-way delay: 51.097 ms

Loss rate: 3.82%

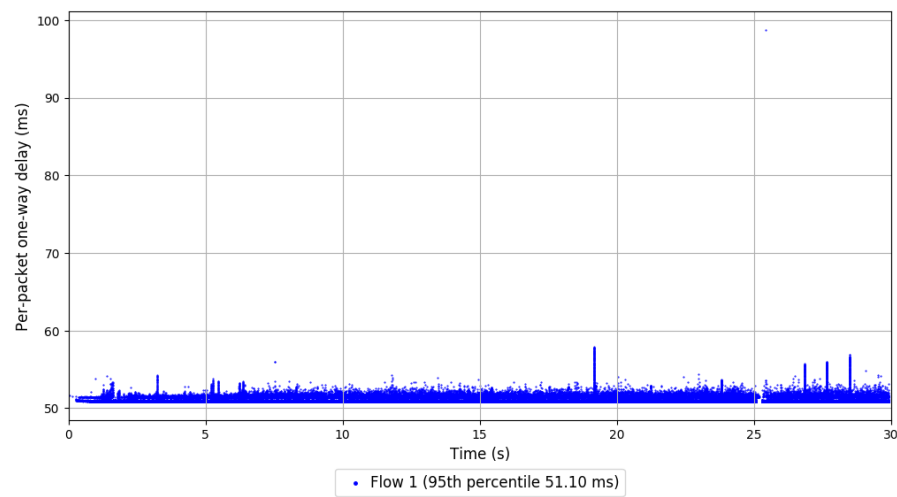
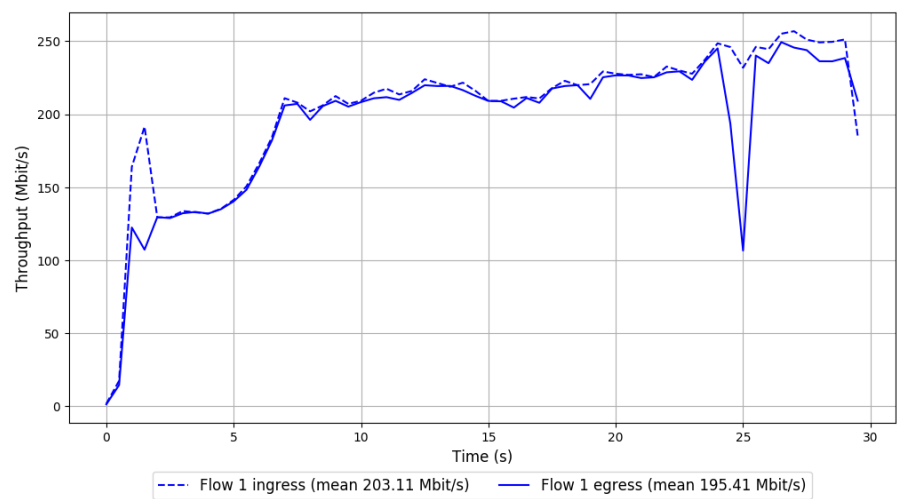
-- Flow 1:

Average throughput: 195.41 Mbit/s

95th percentile per-packet one-way delay: 51.097 ms

Loss rate: 3.82%

Run 10: Report of PCC — Data Link

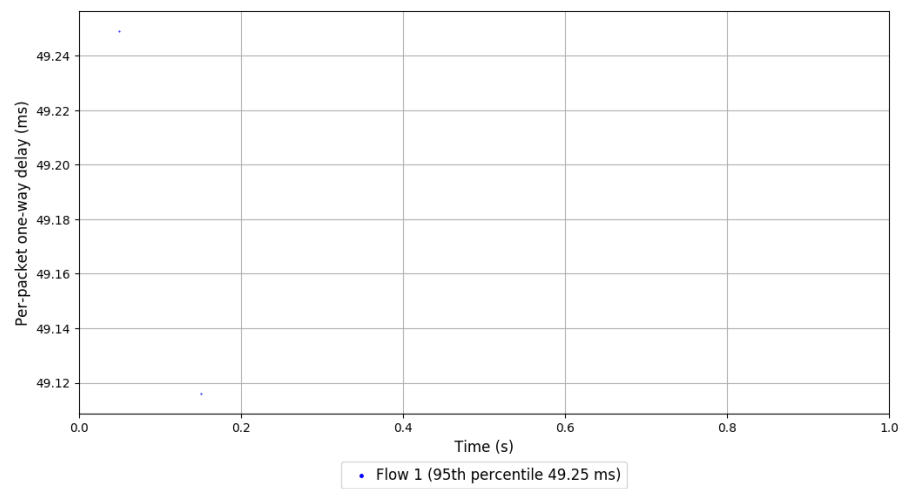
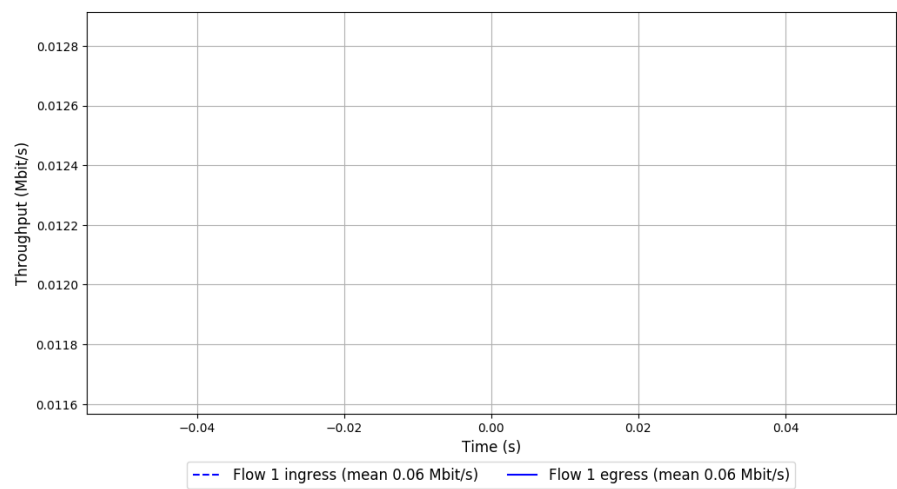


Run 1: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 02:15:46 +0000

End at: Sun, 06 Aug 2017 02:16:16 +0000

Run 1: Report of QUIC Cubic — Data Link

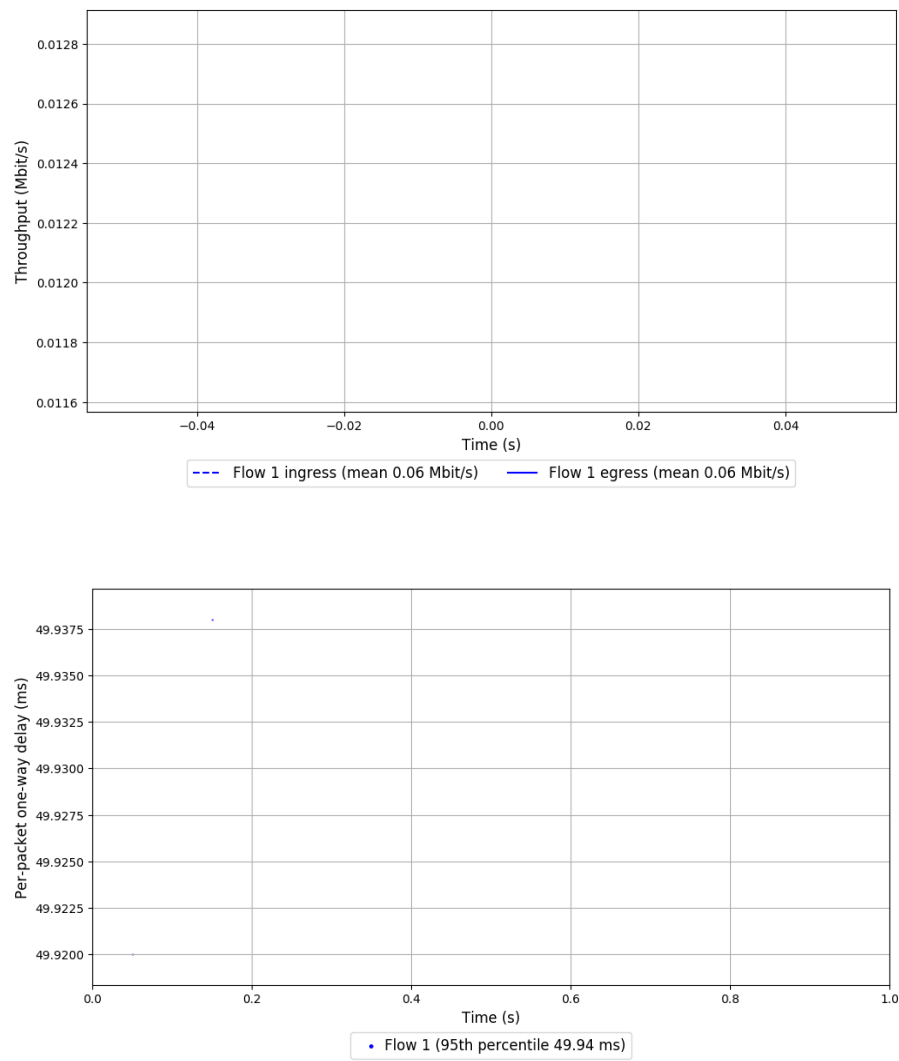


Run 2: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 02:25:46 +0000

End at: Sun, 06 Aug 2017 02:26:16 +0000

Run 2: Report of QUIC Cubic — Data Link

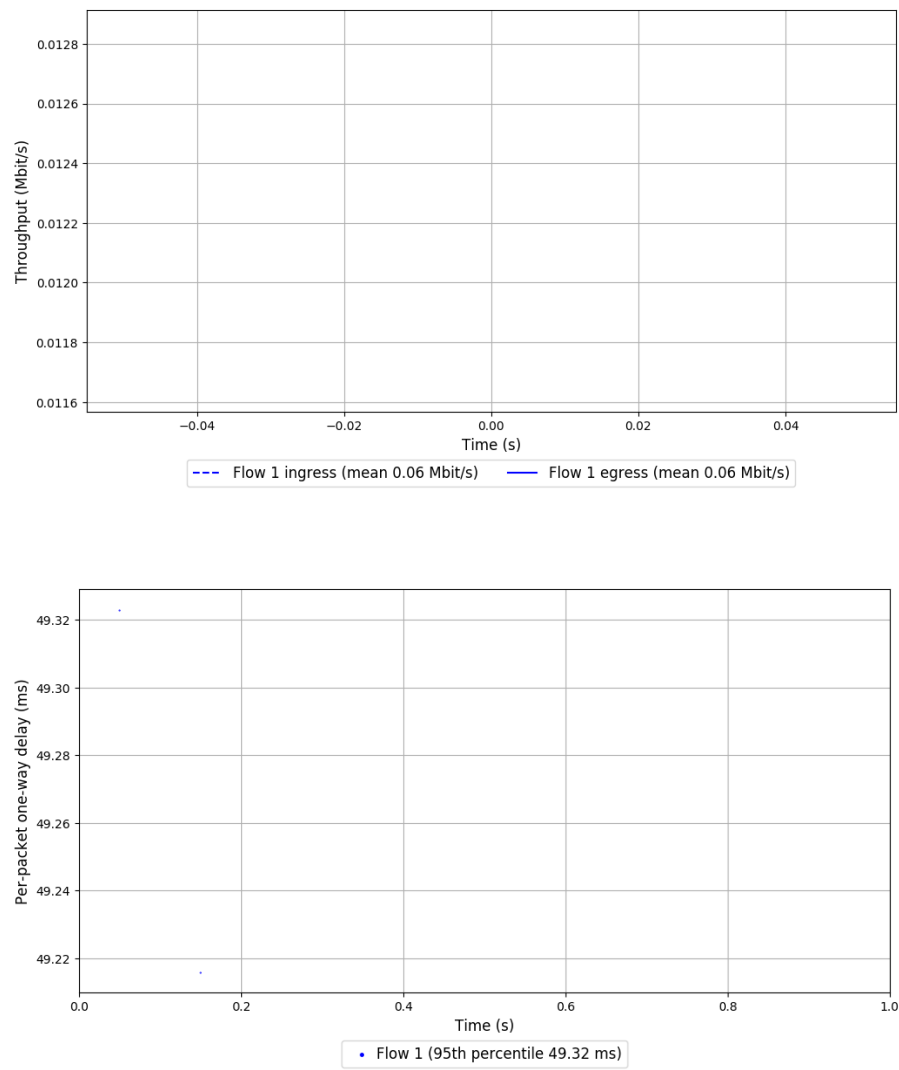


Run 3: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 02:35:47 +0000

End at: Sun, 06 Aug 2017 02:36:17 +0000

Run 3: Report of QUIC Cubic — Data Link

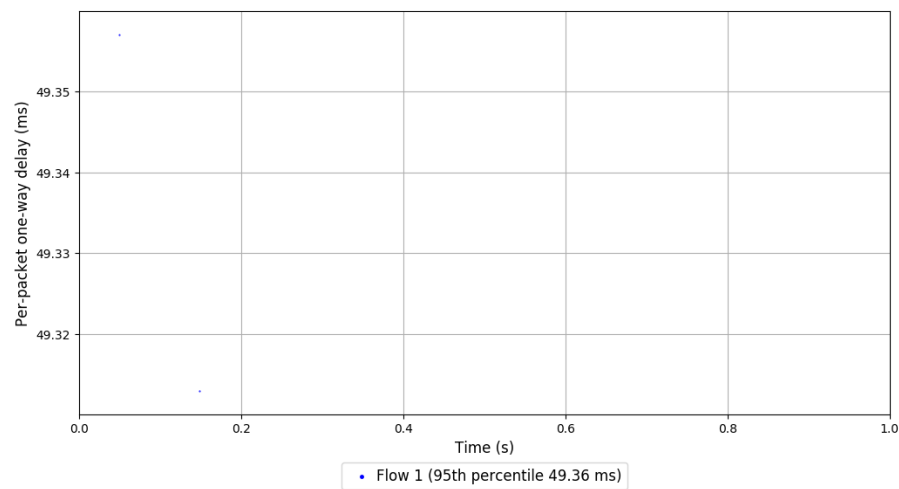
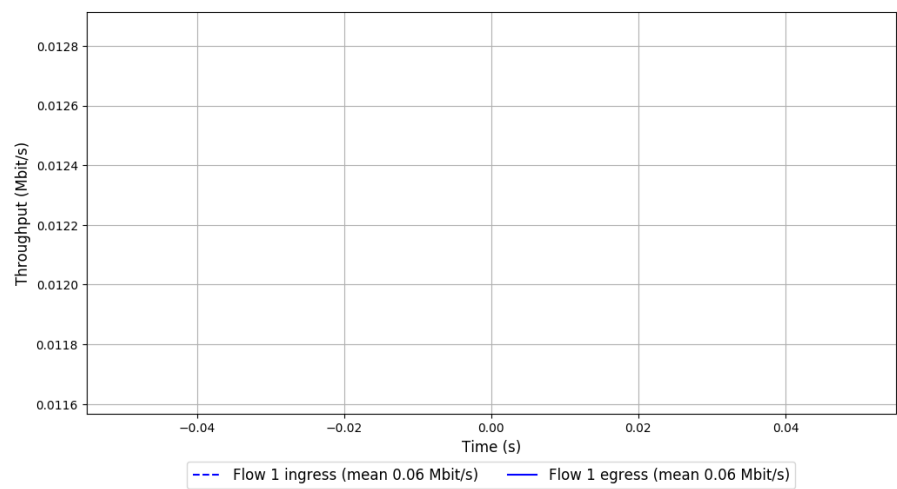


Run 4: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 02:46:06 +0000

End at: Sun, 06 Aug 2017 02:46:36 +0000

Run 4: Report of QUIC Cubic — Data Link

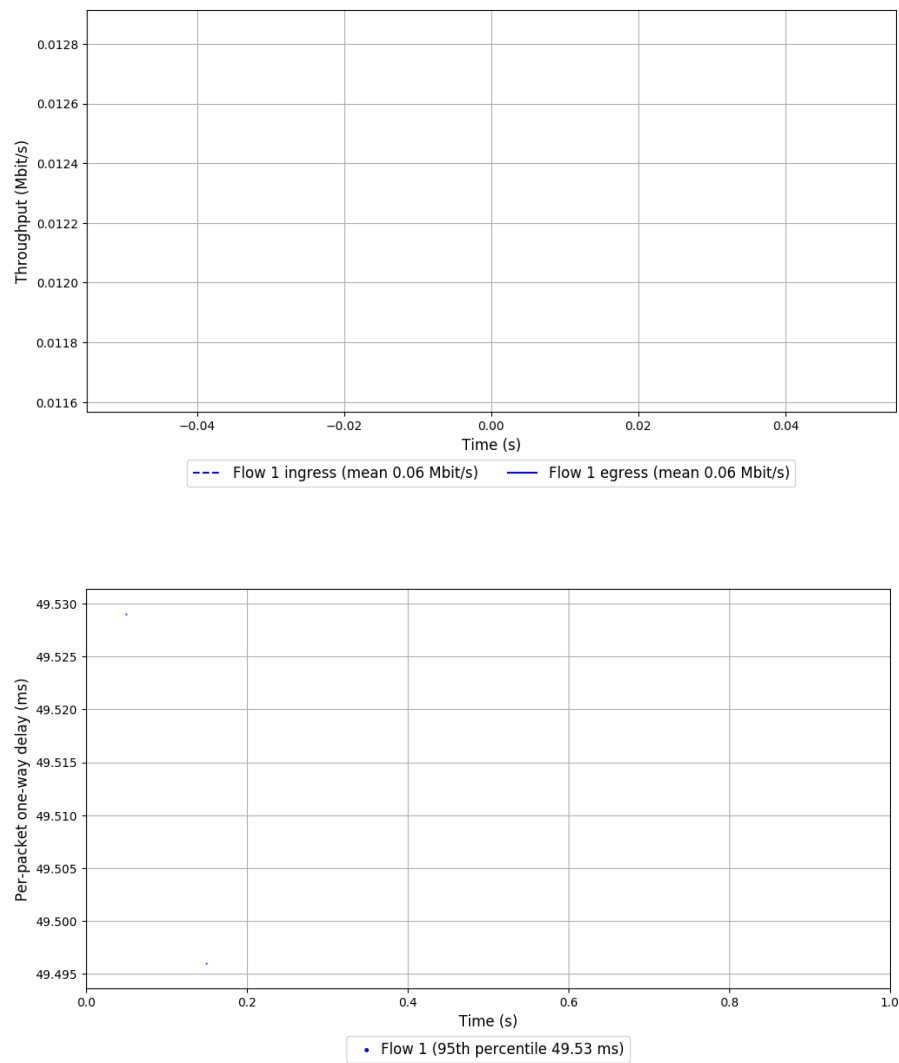


Run 5: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 02:56:27 +0000

End at: Sun, 06 Aug 2017 02:56:57 +0000

Run 5: Report of QUIC Cubic — Data Link

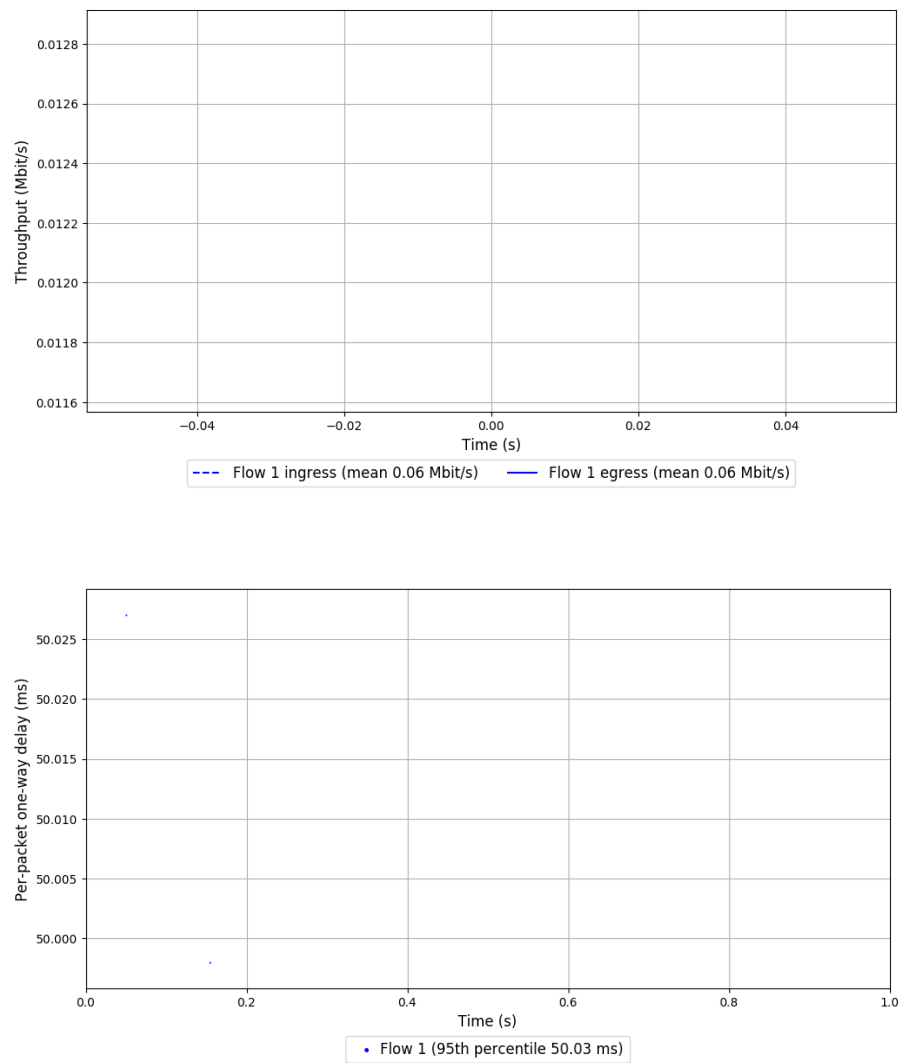


Run 6: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 03:06:39 +0000

End at: Sun, 06 Aug 2017 03:07:09 +0000

Run 6: Report of QUIC Cubic — Data Link

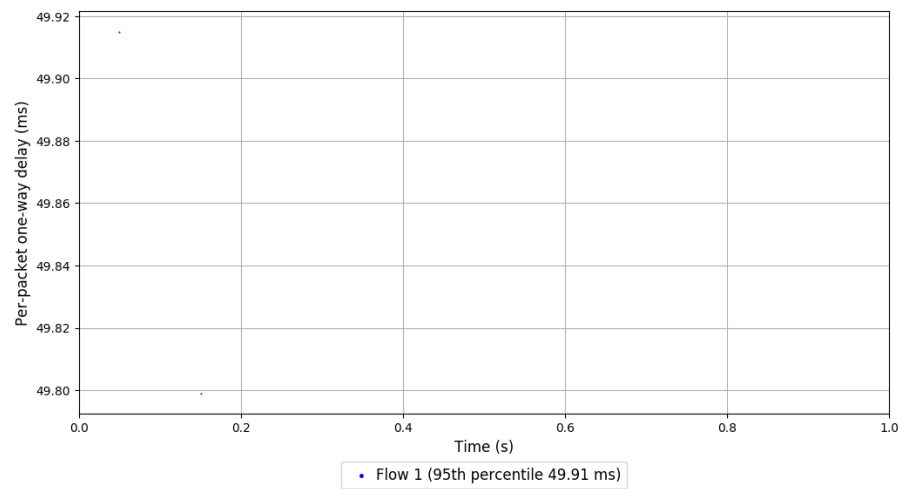
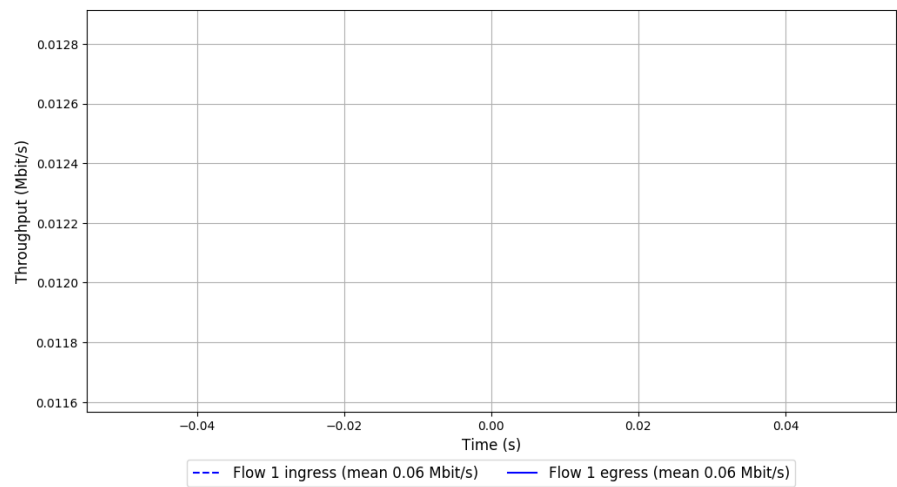


Run 7: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 03:16:46 +0000

End at: Sun, 06 Aug 2017 03:17:16 +0000

Run 7: Report of QUIC Cubic — Data Link

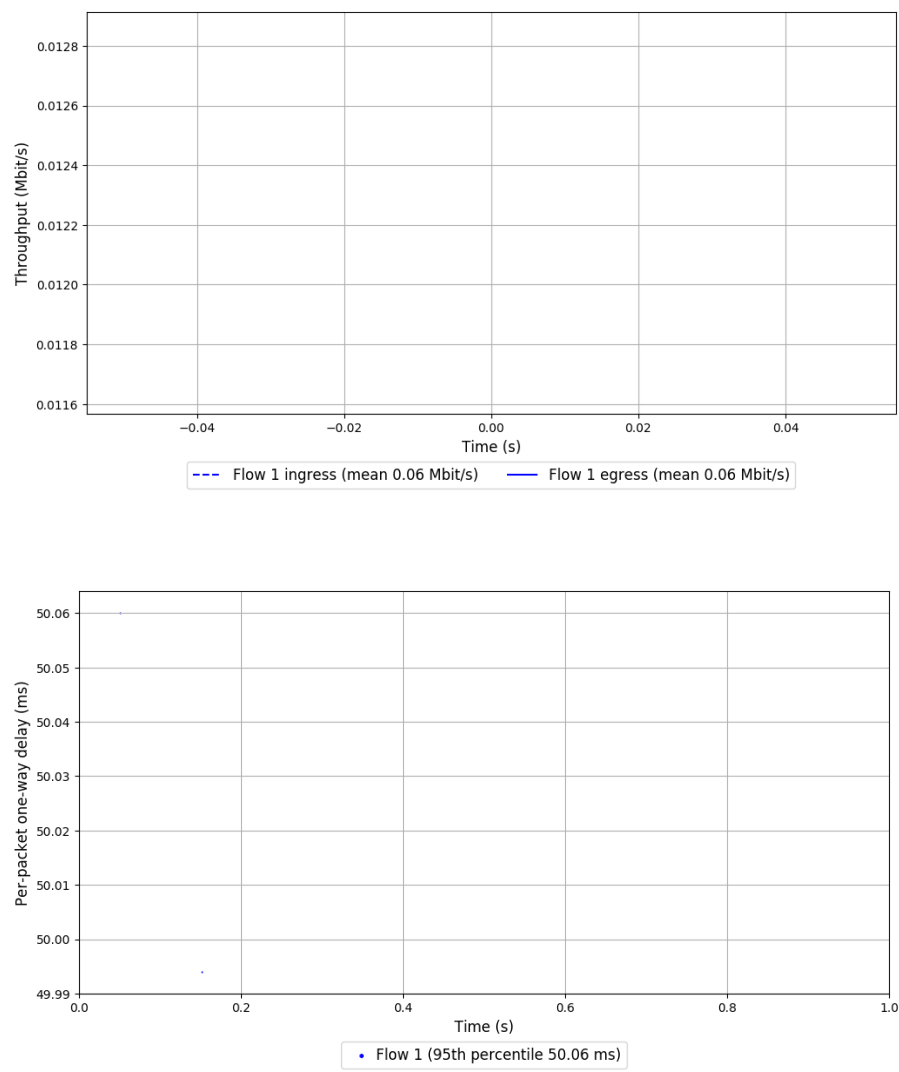


Run 8: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 03:26:56 +0000

End at: Sun, 06 Aug 2017 03:27:26 +0000

Run 8: Report of QUIC Cubic — Data Link

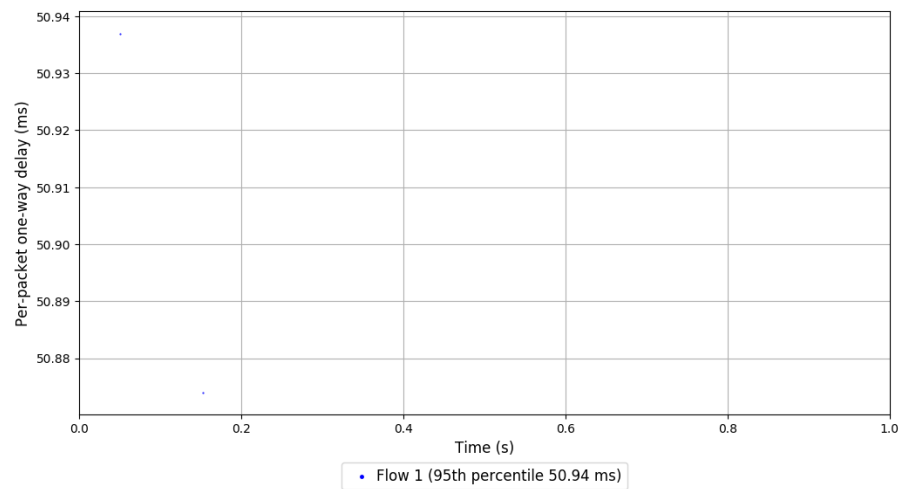
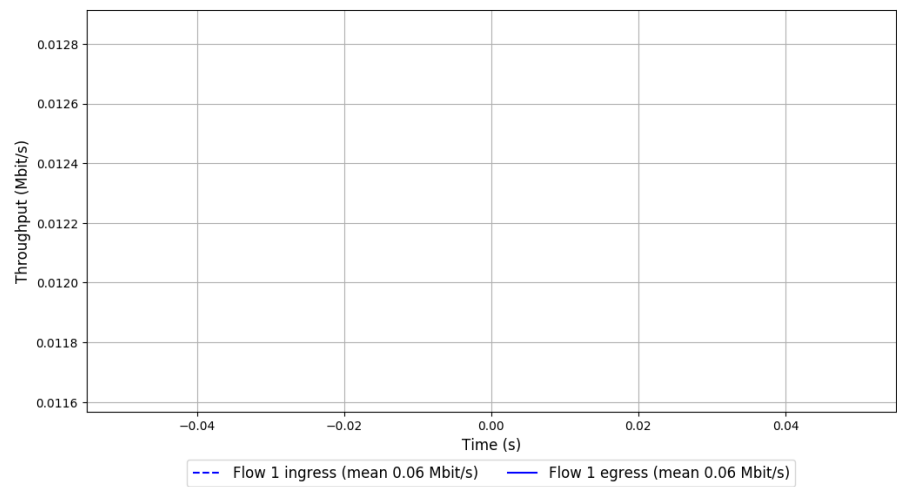


Run 9: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 03:37:02 +0000

End at: Sun, 06 Aug 2017 03:37:32 +0000

Run 9: Report of QUIC Cubic — Data Link

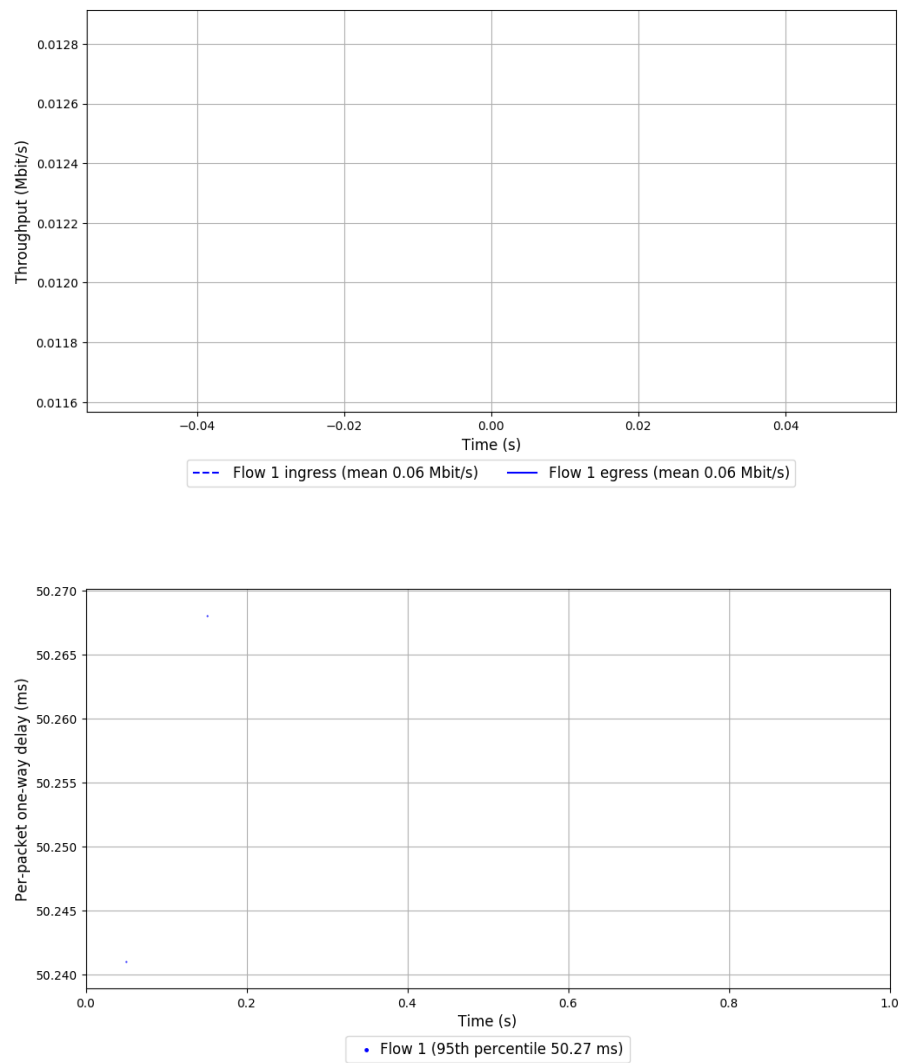


Run 10: Statistics of QUIC Cubic

Start at: Sun, 06 Aug 2017 03:46:44 +0000

End at: Sun, 06 Aug 2017 03:47:14 +0000

Run 10: Report of QUIC Cubic — Data Link

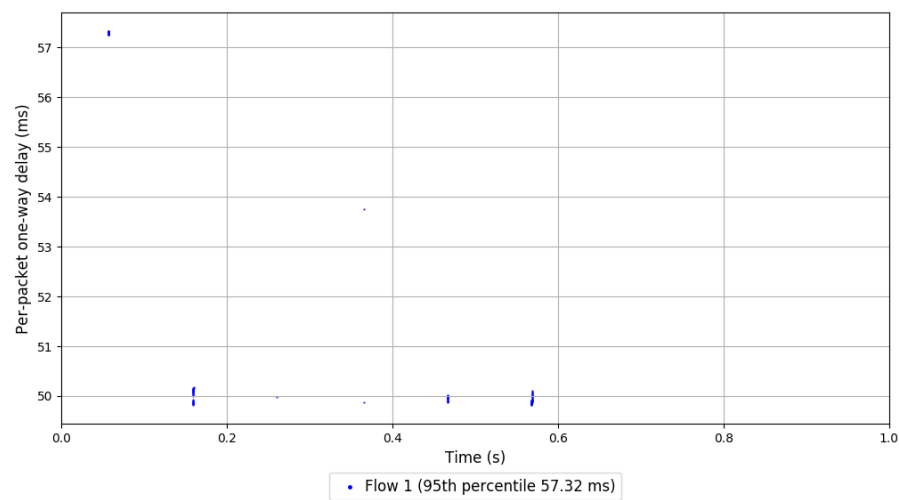
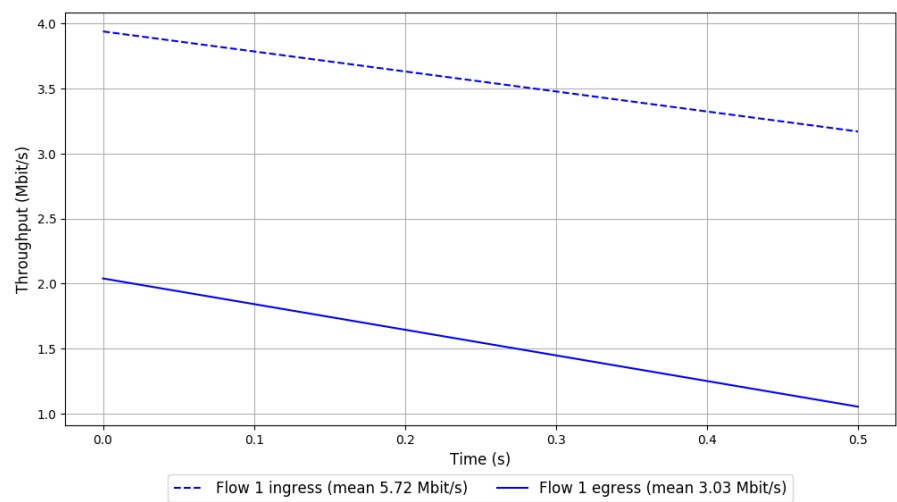


Run 1: Statistics of Saturator

Start at: Sun, 06 Aug 2017 02:07:35 +0000

End at: Sun, 06 Aug 2017 02:08:05 +0000

Run 1: Report of Saturator — Data Link

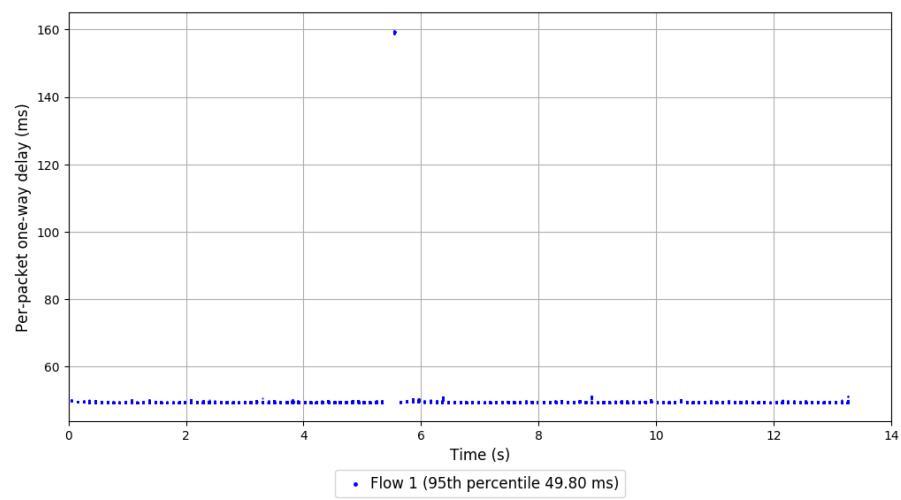
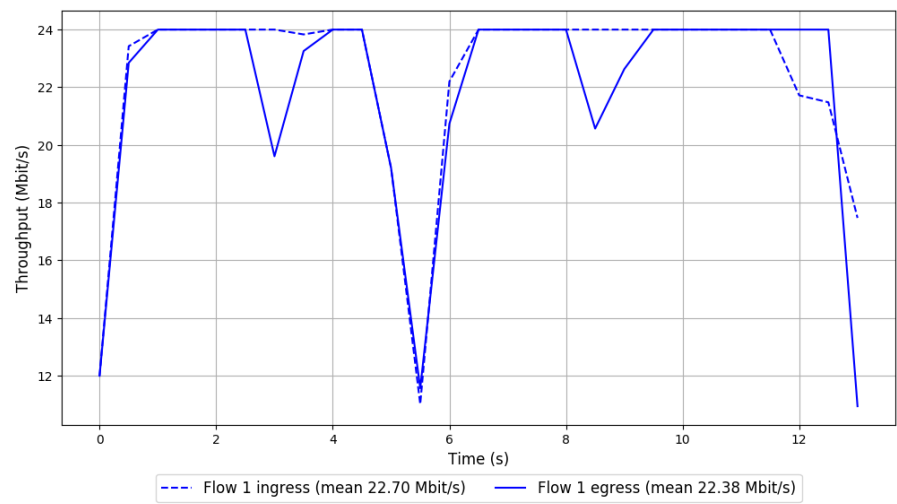


Run 2: Statistics of Saturator

Start at: Sun, 06 Aug 2017 02:17:39 +0000

End at: Sun, 06 Aug 2017 02:18:09 +0000

Run 2: Report of Saturator — Data Link

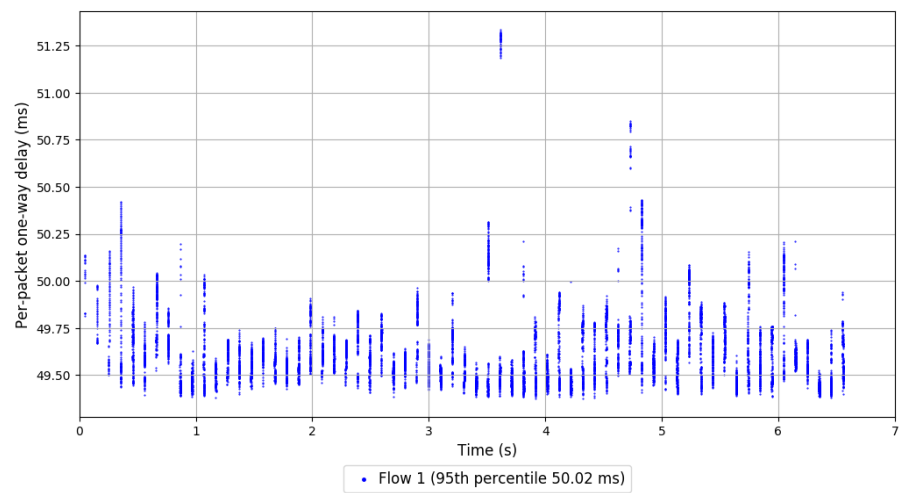
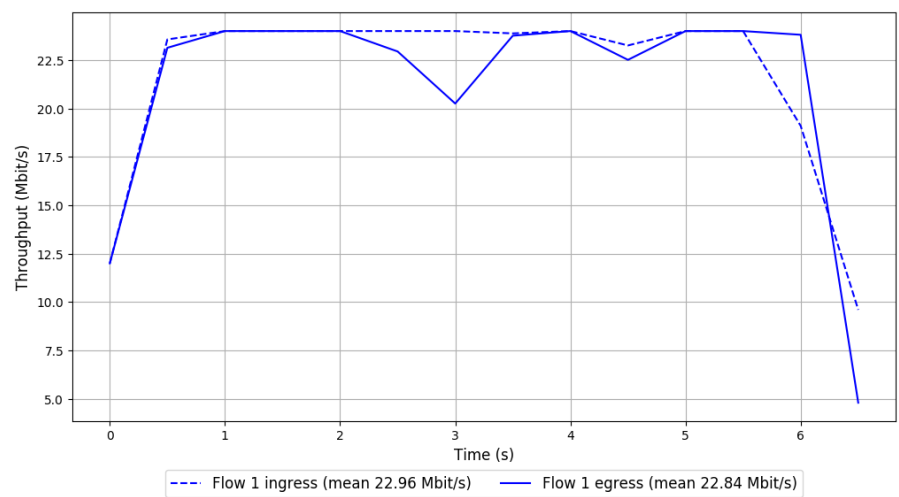


Run 3: Statistics of Saturator

Start at: Sun, 06 Aug 2017 02:27:38 +0000

End at: Sun, 06 Aug 2017 02:28:08 +0000

Run 3: Report of Saturator — Data Link

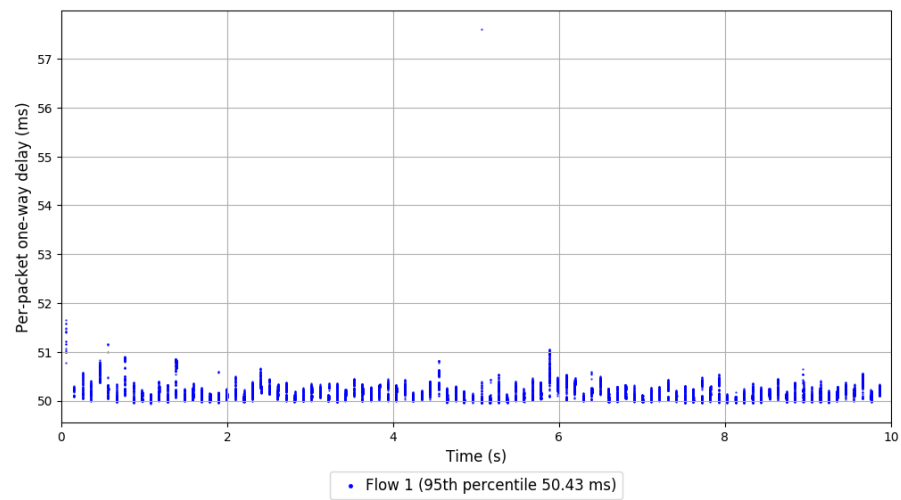
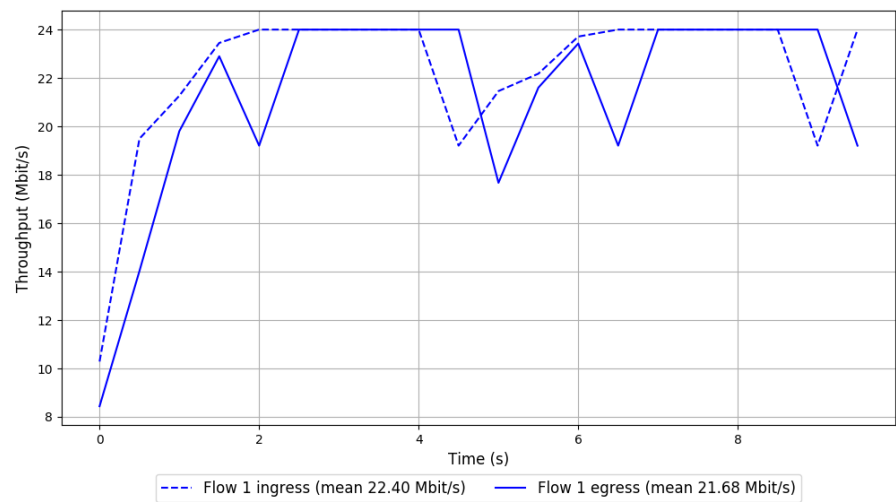


Run 4: Statistics of Saturator

Start at: Sun, 06 Aug 2017 02:38:02 +0000

End at: Sun, 06 Aug 2017 02:38:32 +0000

Run 4: Report of Saturator — Data Link

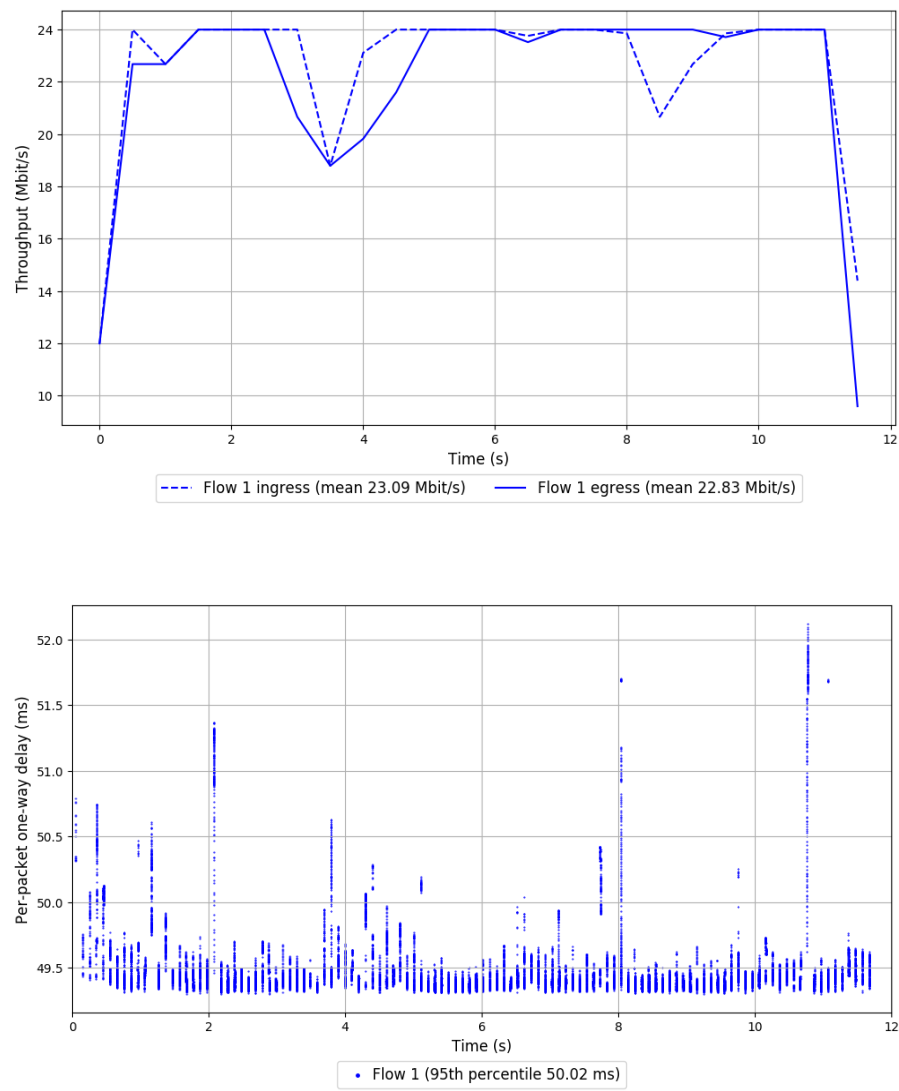


Run 5: Statistics of Saturator

Start at: Sun, 06 Aug 2017 02:48:03 +0000

End at: Sun, 06 Aug 2017 02:48:33 +0000

Run 5: Report of Saturator — Data Link

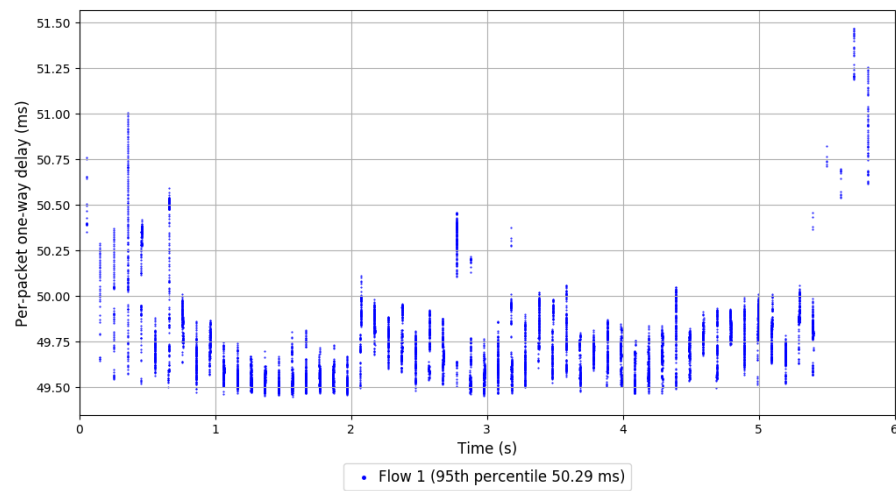
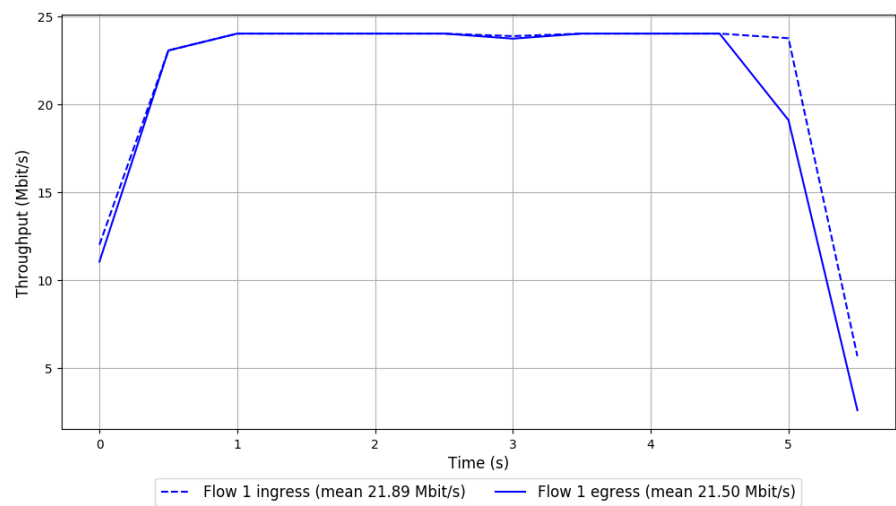


Run 6: Statistics of Saturator

Start at: Sun, 06 Aug 2017 02:58:26 +0000

End at: Sun, 06 Aug 2017 02:58:56 +0000

Run 6: Report of Saturator — Data Link

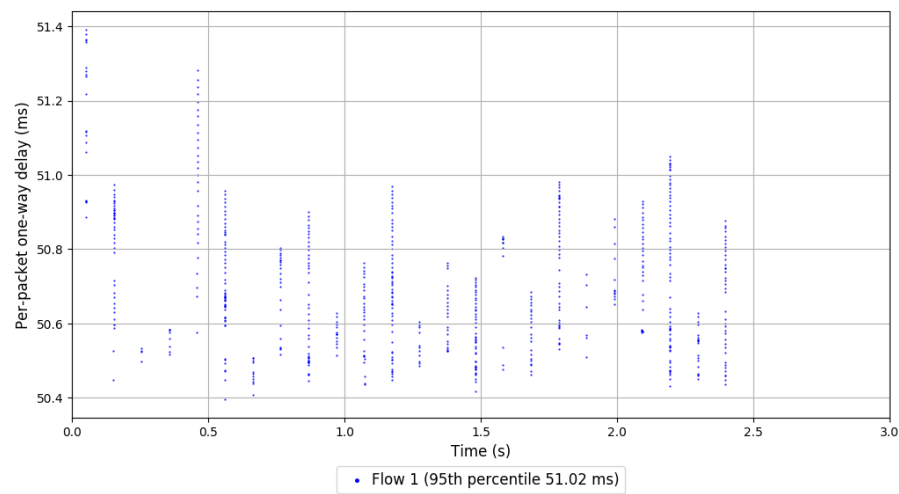
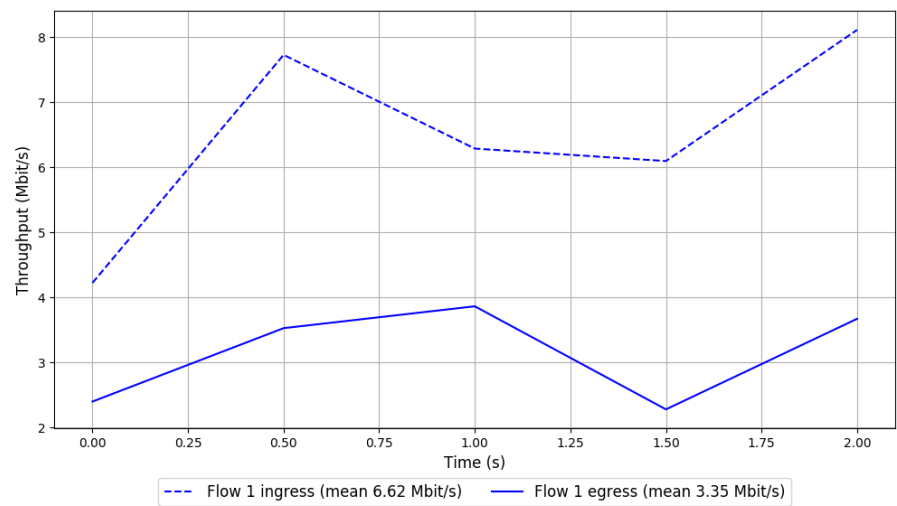


Run 7: Statistics of Saturator

Start at: Sun, 06 Aug 2017 03:08:50 +0000

End at: Sun, 06 Aug 2017 03:09:20 +0000

Run 7: Report of Saturator — Data Link

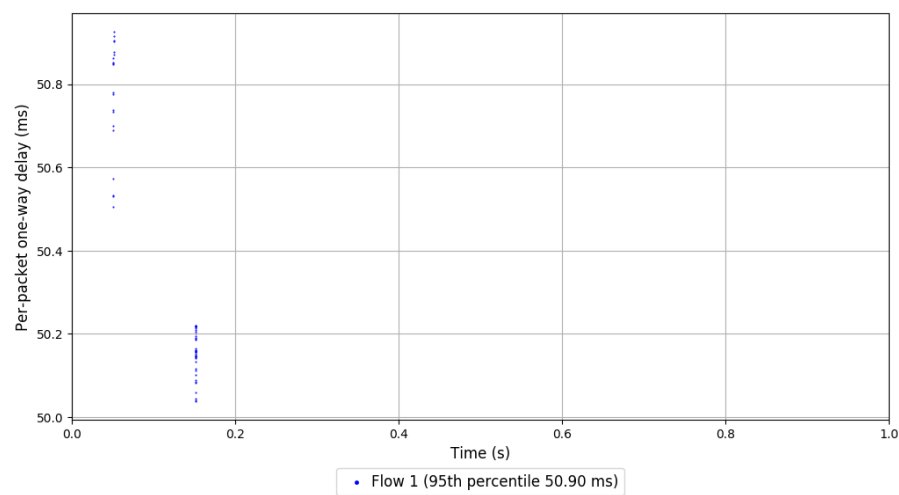
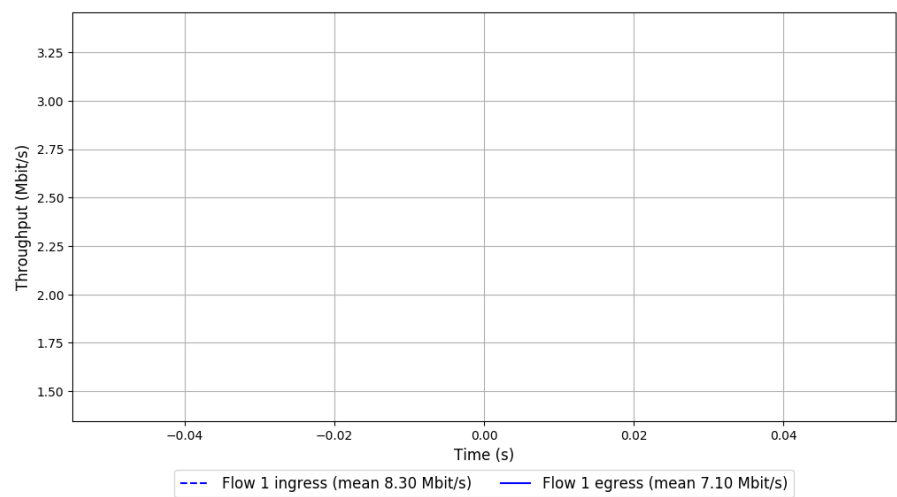


Run 8: Statistics of Saturator

Start at: Sun, 06 Aug 2017 03:18:45 +0000

End at: Sun, 06 Aug 2017 03:19:15 +0000

Run 8: Report of Saturator — Data Link

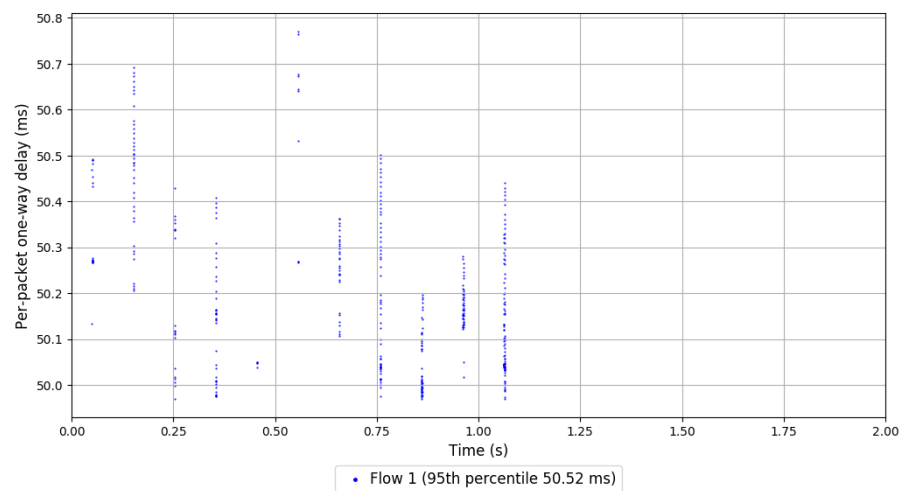
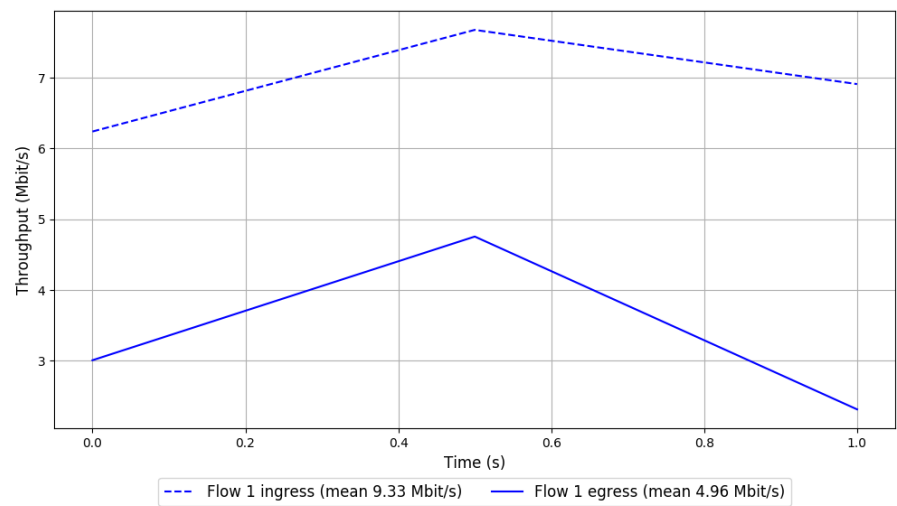


Run 9: Statistics of Saturator

Start at: Sun, 06 Aug 2017 03:28:51 +0000

End at: Sun, 06 Aug 2017 03:29:21 +0000

Run 9: Report of Saturator — Data Link

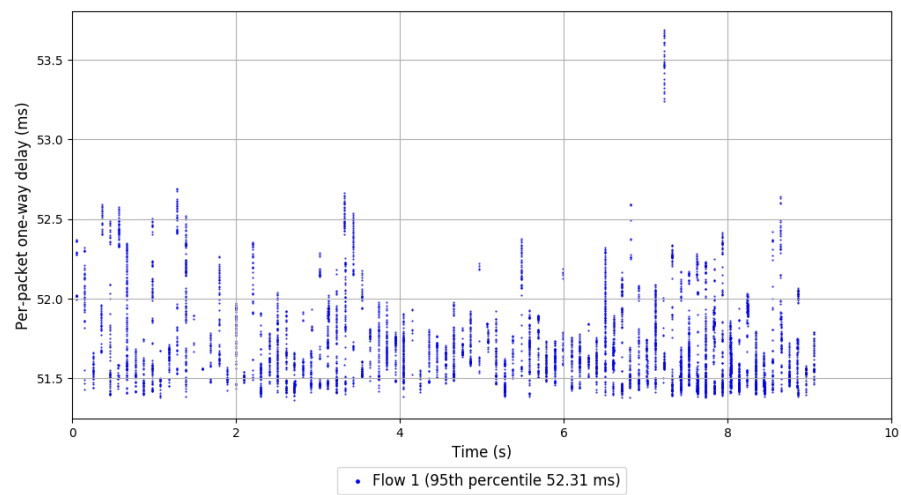
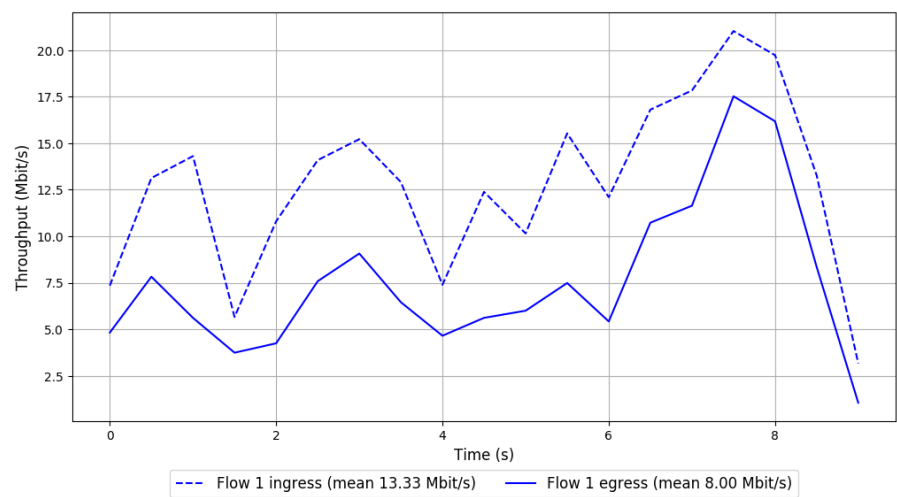


Run 10: Statistics of Saturator

Start at: Sun, 06 Aug 2017 03:38:55 +0000

End at: Sun, 06 Aug 2017 03:39:25 +0000

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 02:13:40 +0000

End at: Sun, 06 Aug 2017 02:14:10 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 49.978 ms

Loss rate: 0.00%

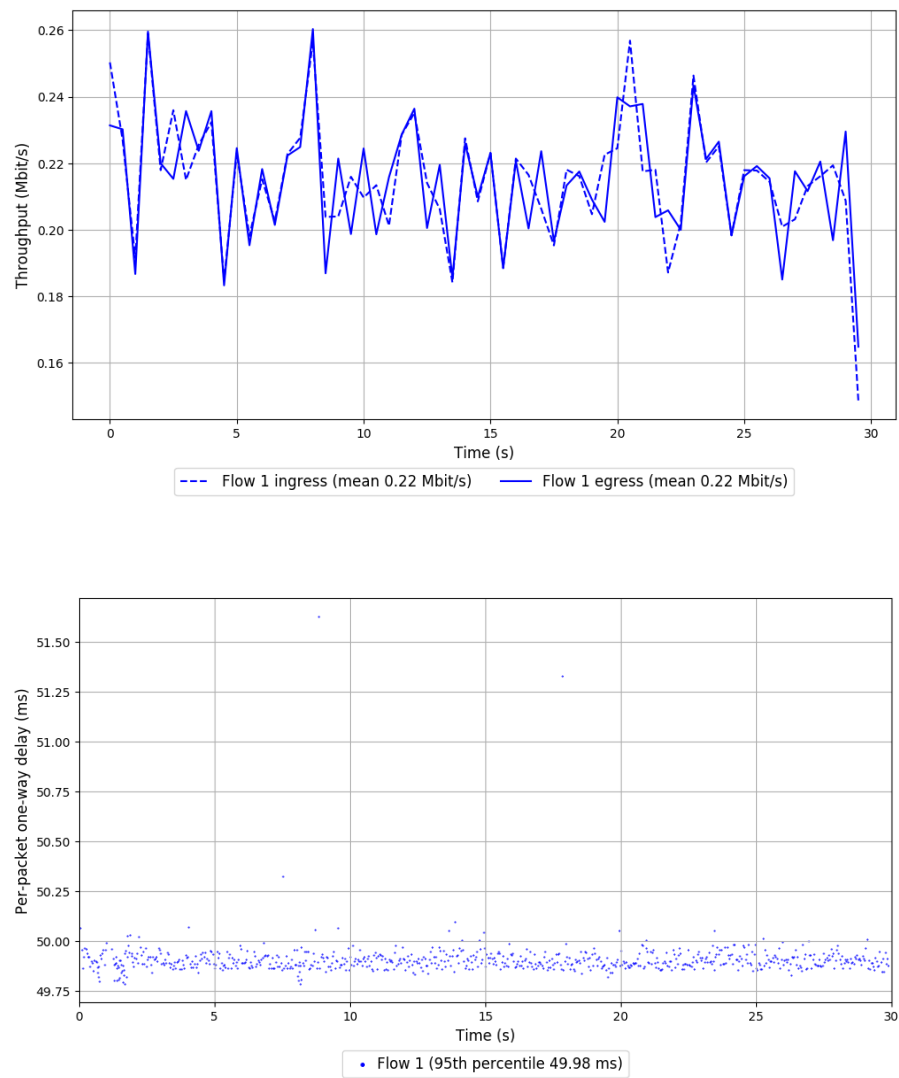
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 49.978 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 02:23:34 +0000

End at: Sun, 06 Aug 2017 02:24:04 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 49.593 ms

Loss rate: 0.00%

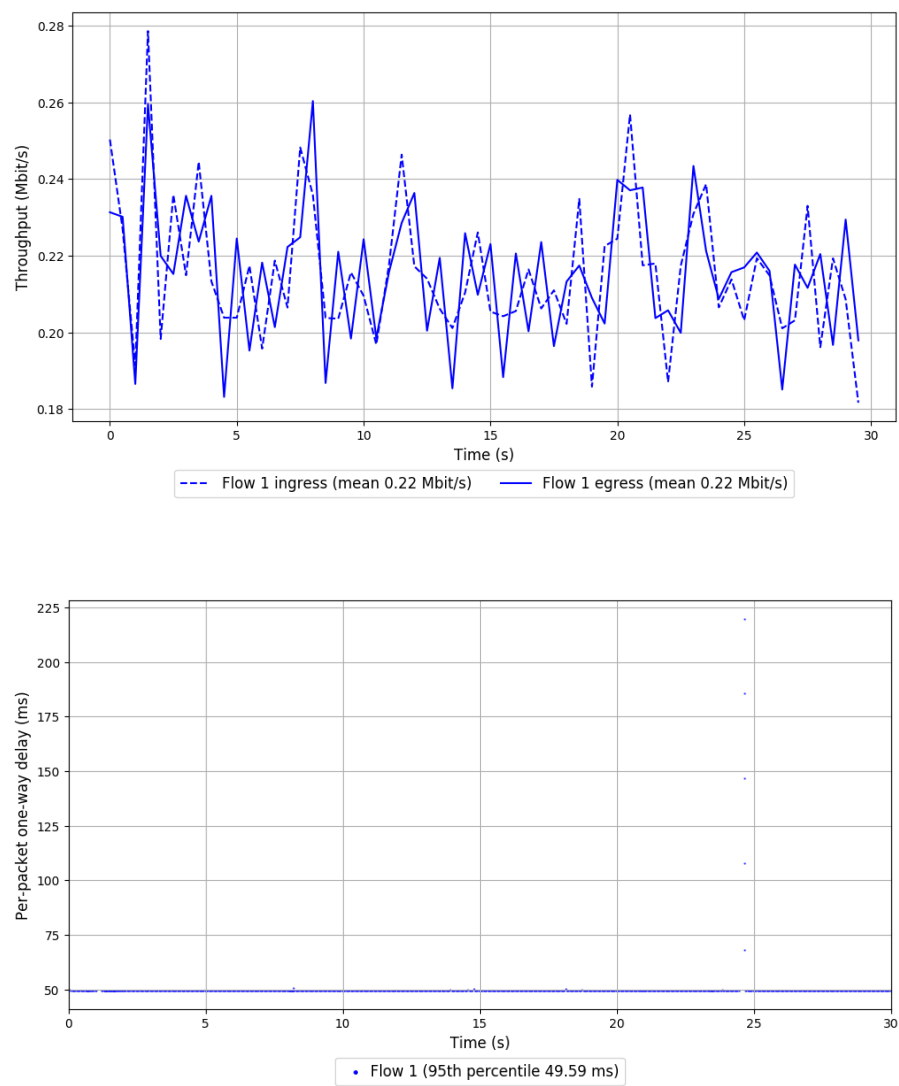
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 49.593 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 02:33:33 +0000

End at: Sun, 06 Aug 2017 02:34:03 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 49.768 ms

Loss rate: 0.00%

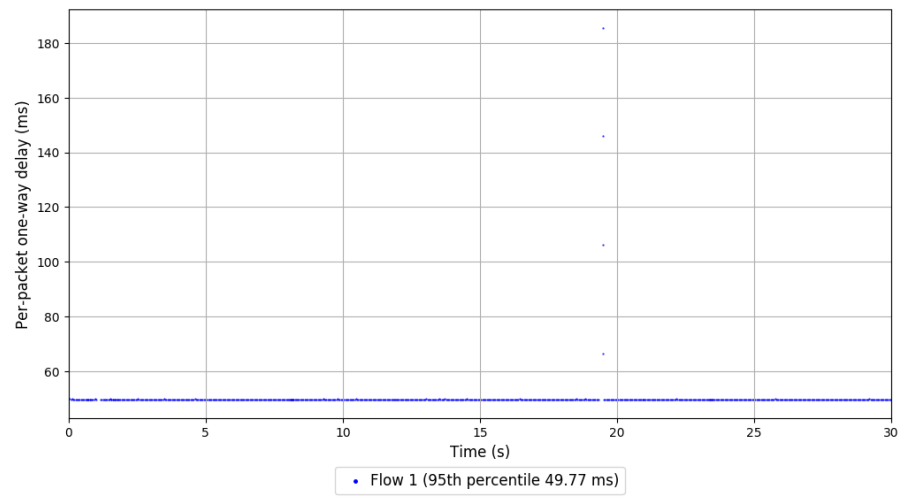
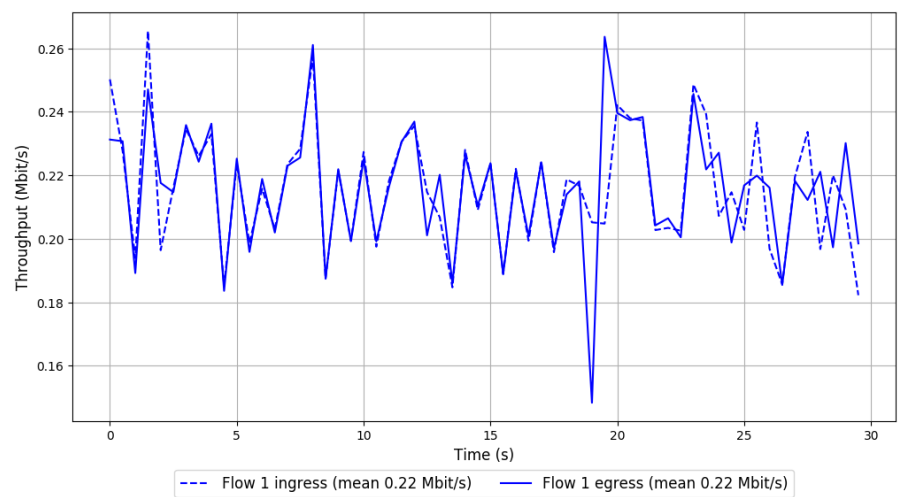
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 49.768 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 02:44:01 +0000

End at: Sun, 06 Aug 2017 02:44:31 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 49.486 ms

Loss rate: 0.00%

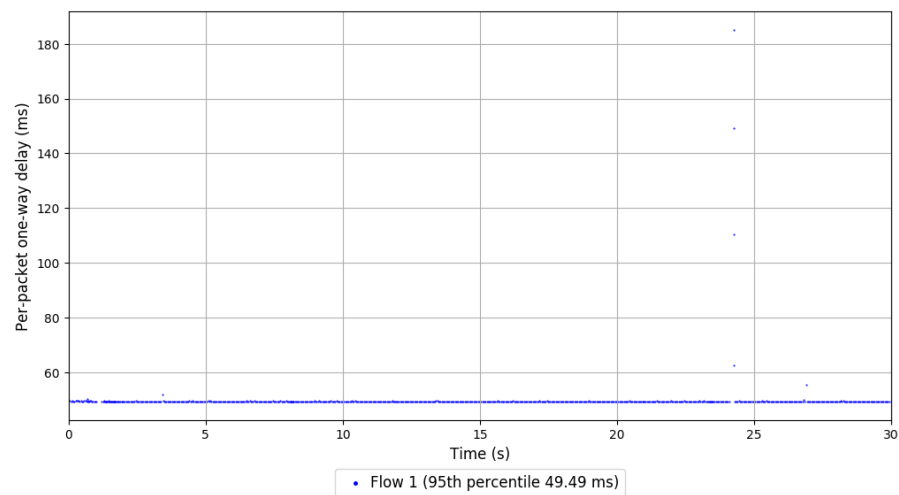
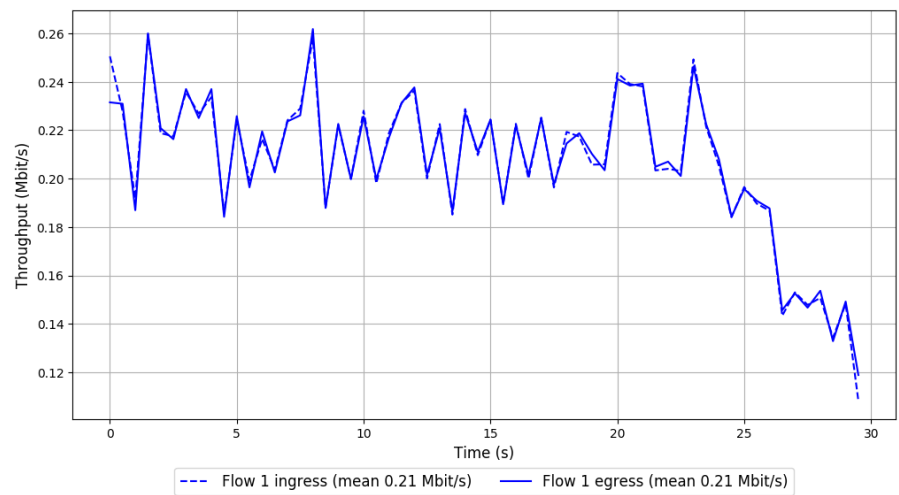
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 49.486 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 02:54:14 +0000

End at: Sun, 06 Aug 2017 02:54:44 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.984 ms

Loss rate: 0.00%

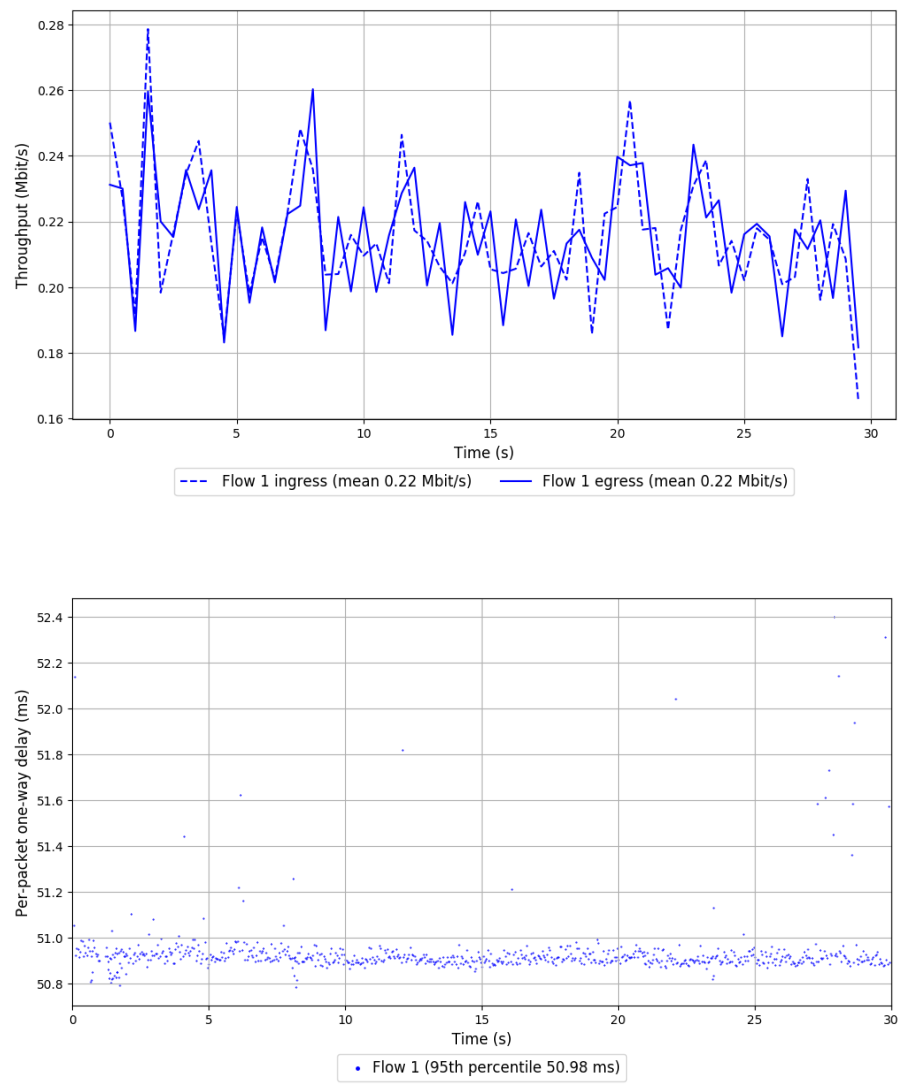
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.984 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 03:04:33 +0000

End at: Sun, 06 Aug 2017 03:05:03 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.158 ms

Loss rate: 0.00%

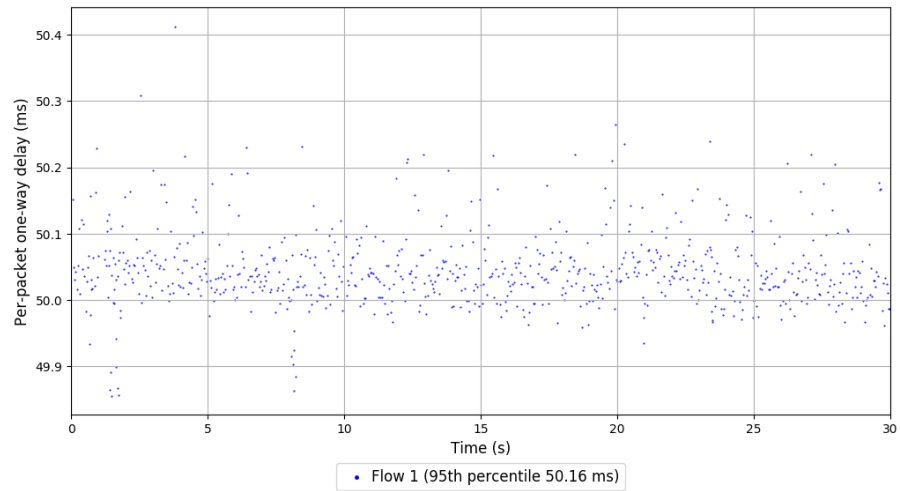
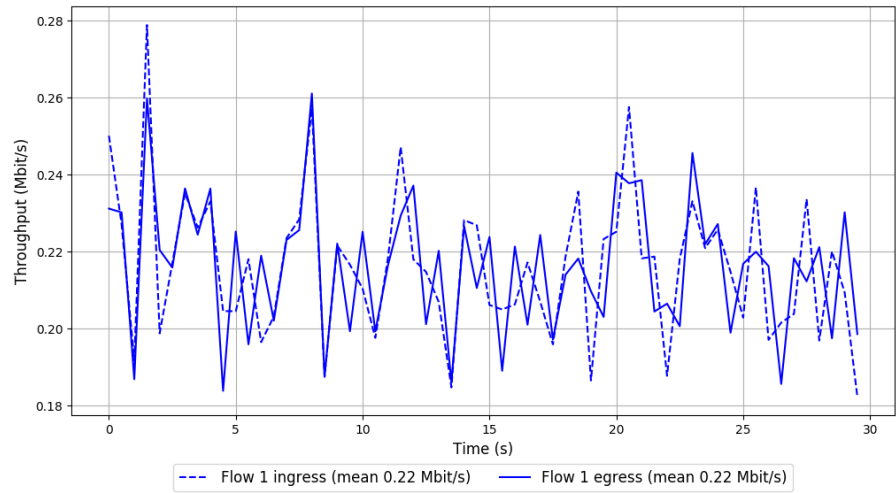
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.158 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 03:14:34 +0000

End at: Sun, 06 Aug 2017 03:15:04 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.681 ms

Loss rate: 0.00%

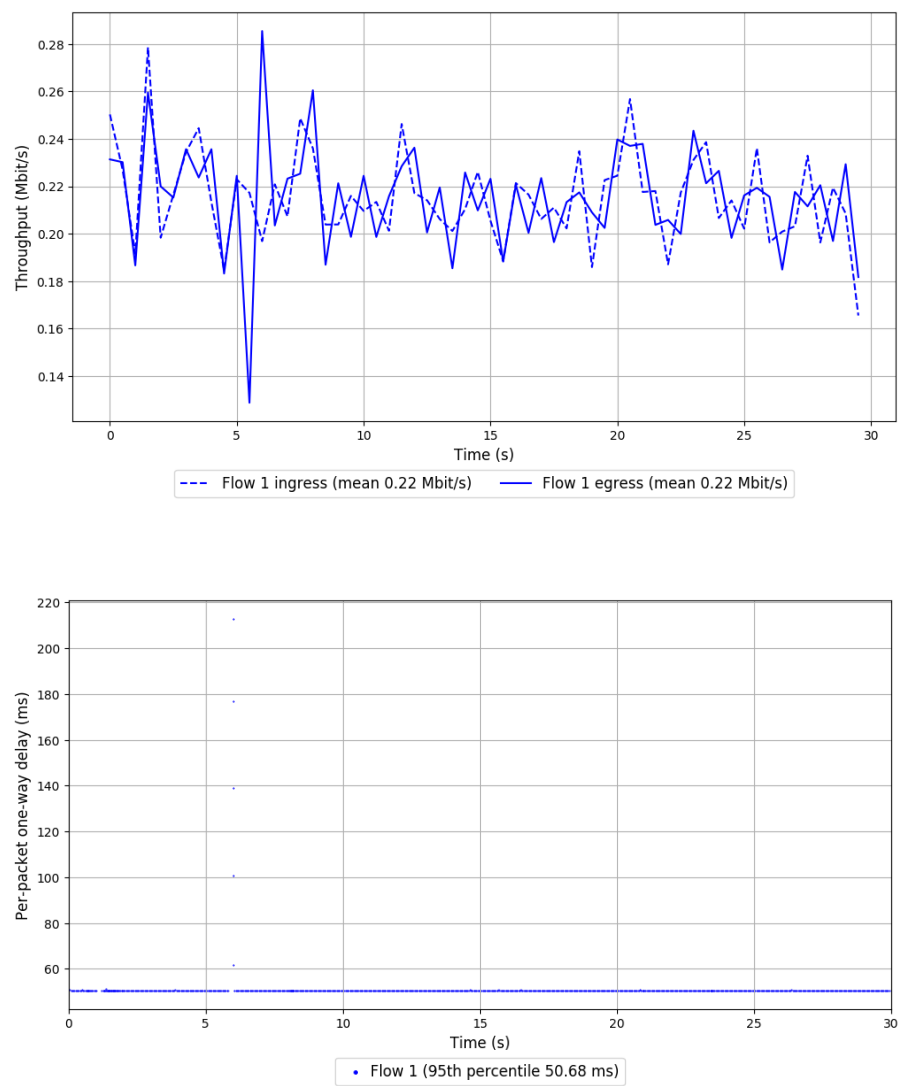
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.681 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 03:24:55 +0000

End at: Sun, 06 Aug 2017 03:25:25 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.819 ms

Loss rate: 0.00%

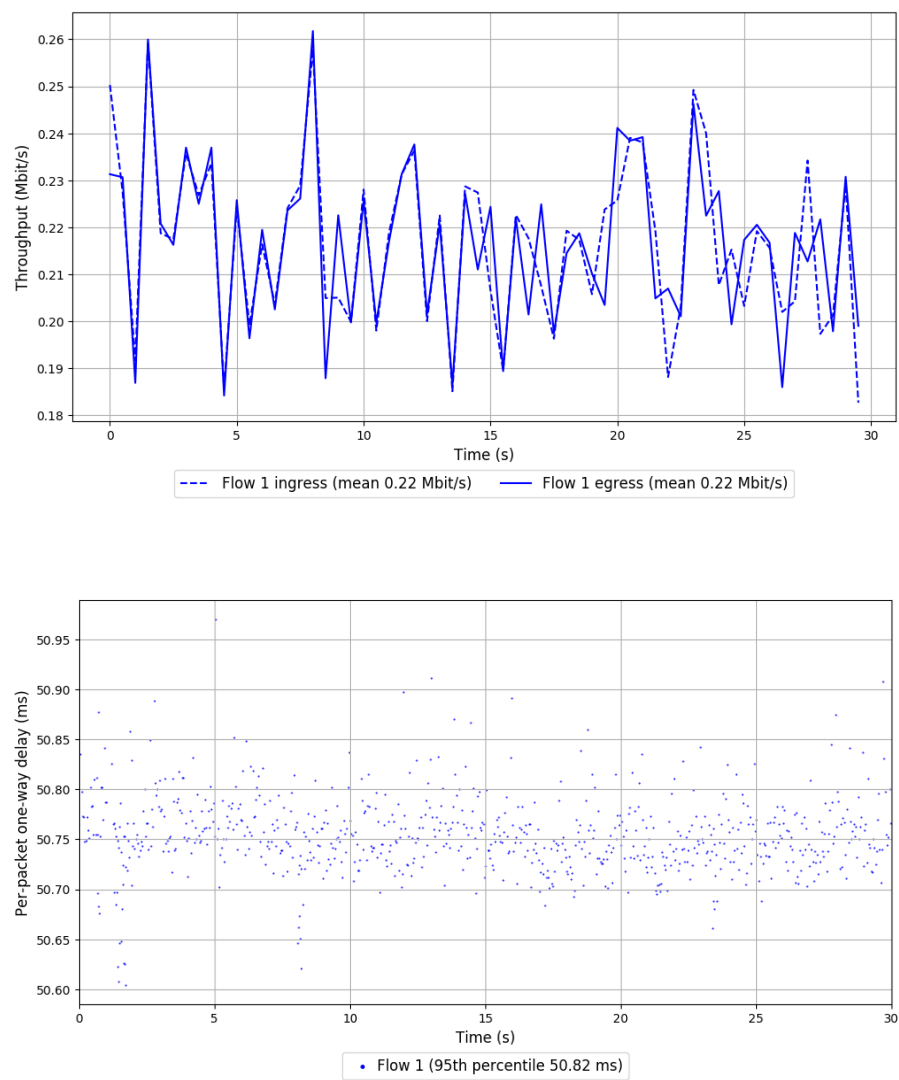
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.819 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sun, 06 Aug 2017 03:35:01 +0000

End at: Sun, 06 Aug 2017 03:35:31 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 48.778 ms

Loss rate: 0.00%

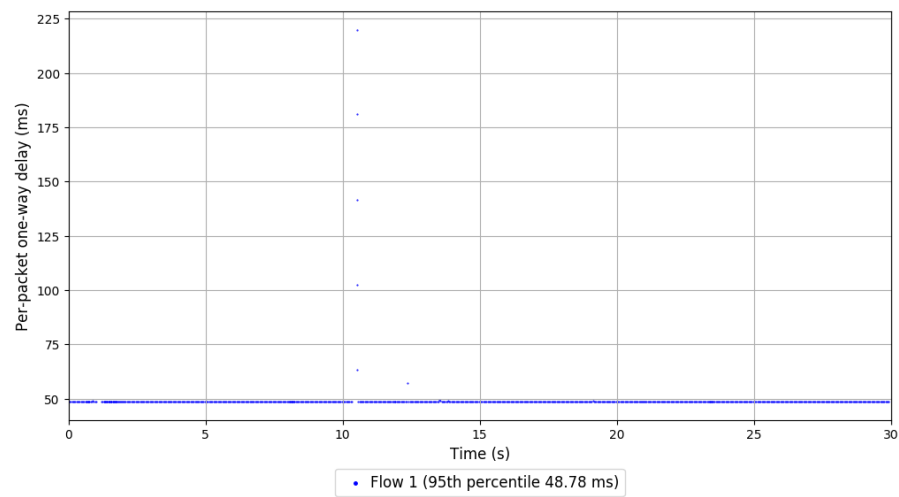
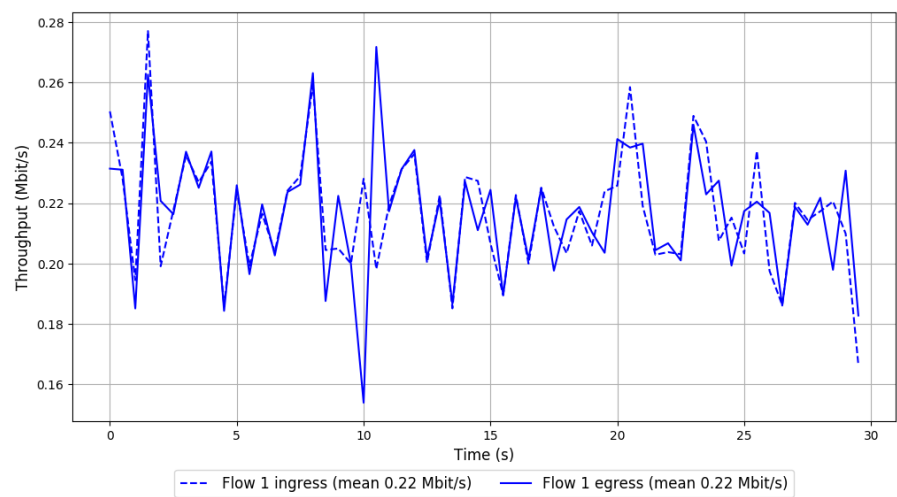
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 48.778 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Sun, 06 Aug 2017 03:44:43 +0000

End at: Sun, 06 Aug 2017 03:45:13 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 51.621 ms

Loss rate: 0.00%

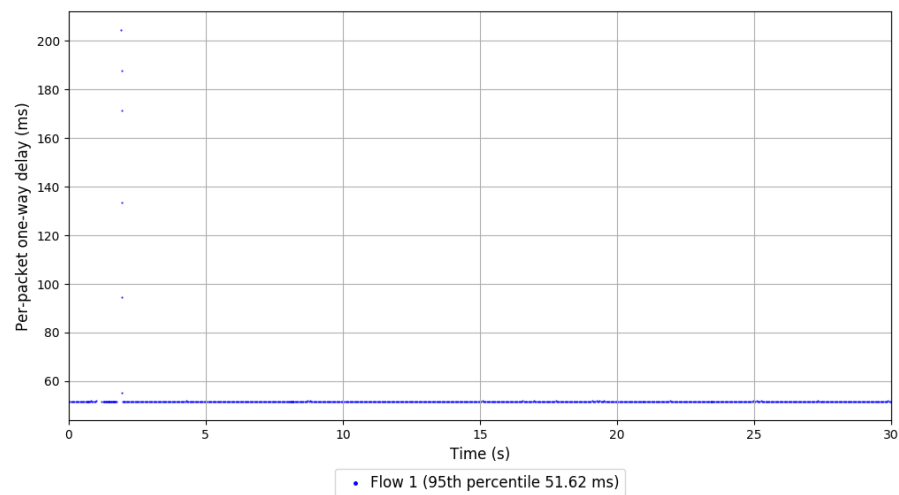
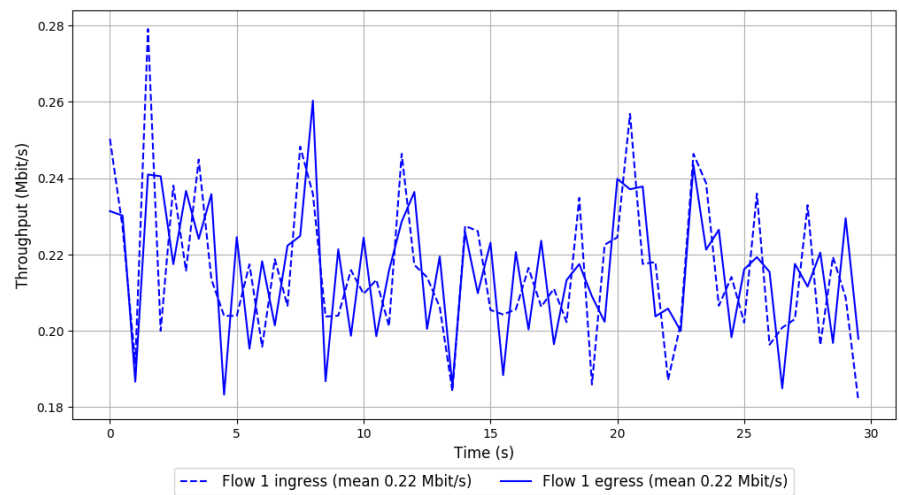
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 51.621 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 06 Aug 2017 02:08:11 +0000

End at: Sun, 06 Aug 2017 02:08:41 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.66 Mbit/s

95th percentile per-packet one-way delay: 49.089 ms

Loss rate: 2.37%

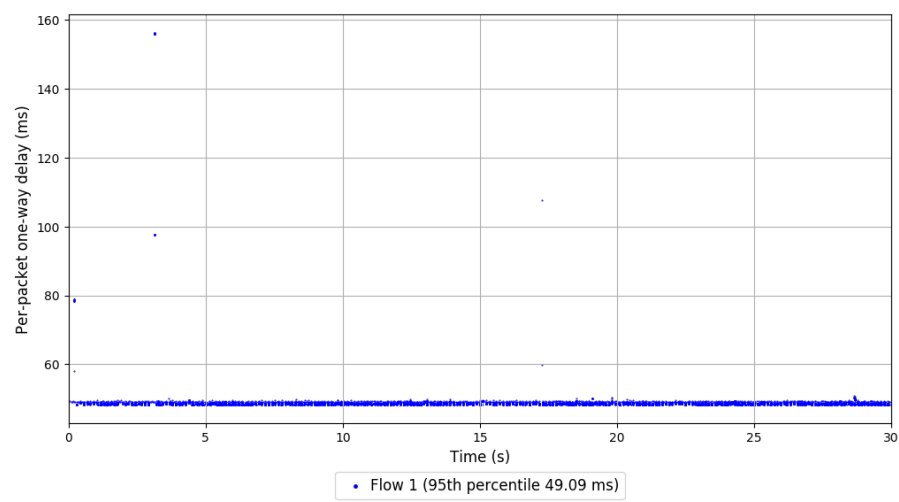
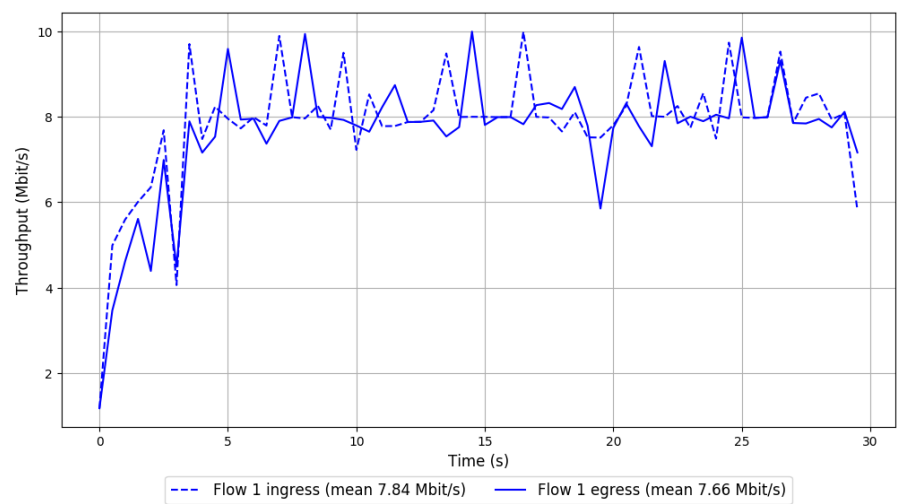
-- Flow 1:

Average throughput: 7.66 Mbit/s

95th percentile per-packet one-way delay: 49.089 ms

Loss rate: 2.37%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 06 Aug 2017 02:18:17 +0000

End at: Sun, 06 Aug 2017 02:18:47 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.72 Mbit/s

95th percentile per-packet one-way delay: 49.965 ms

Loss rate: 1.35%

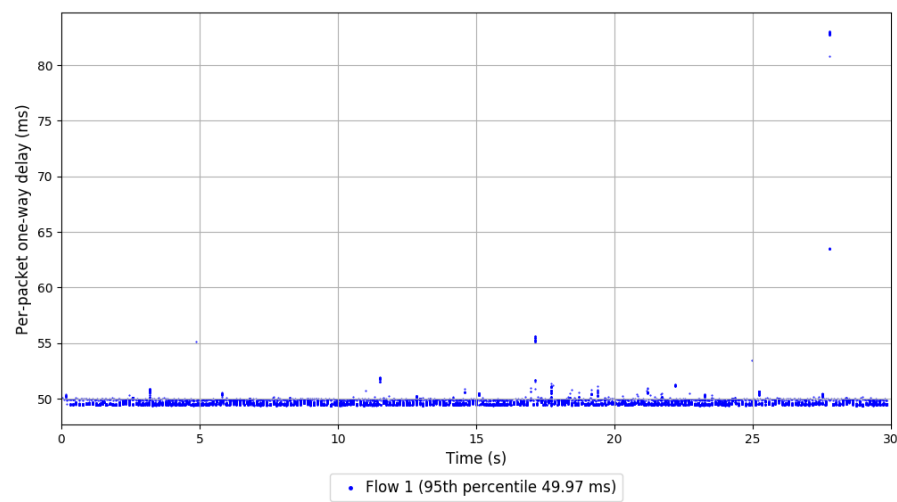
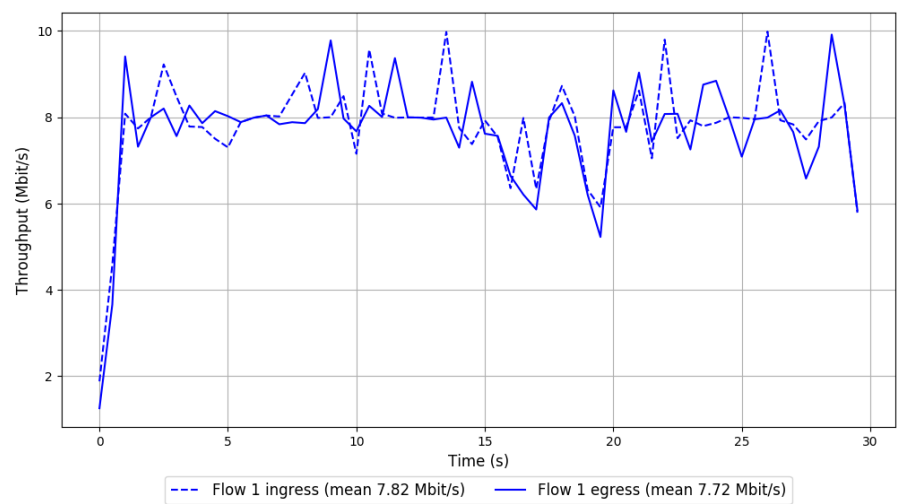
-- Flow 1:

Average throughput: 7.72 Mbit/s

95th percentile per-packet one-way delay: 49.965 ms

Loss rate: 1.35%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sun, 06 Aug 2017 02:28:15 +0000

End at: Sun, 06 Aug 2017 02:28:45 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 50.062 ms

Loss rate: 1.39%

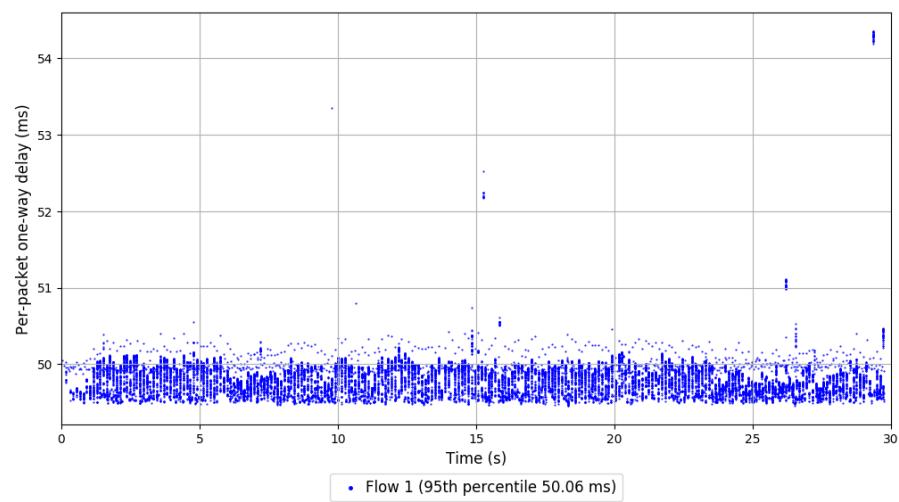
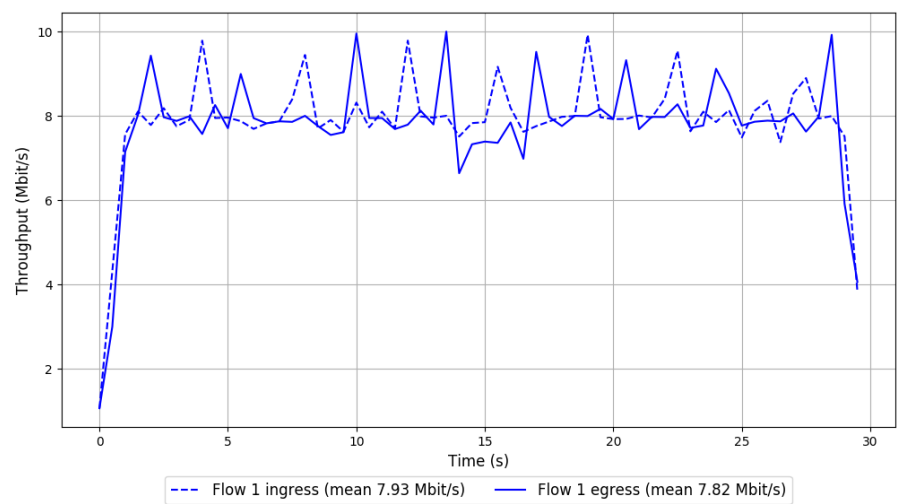
-- Flow 1:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 50.062 ms

Loss rate: 1.39%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 06 Aug 2017 02:38:39 +0000

End at: Sun, 06 Aug 2017 02:39:09 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.42 Mbit/s

95th percentile per-packet one-way delay: 50.155 ms

Loss rate: 3.59%

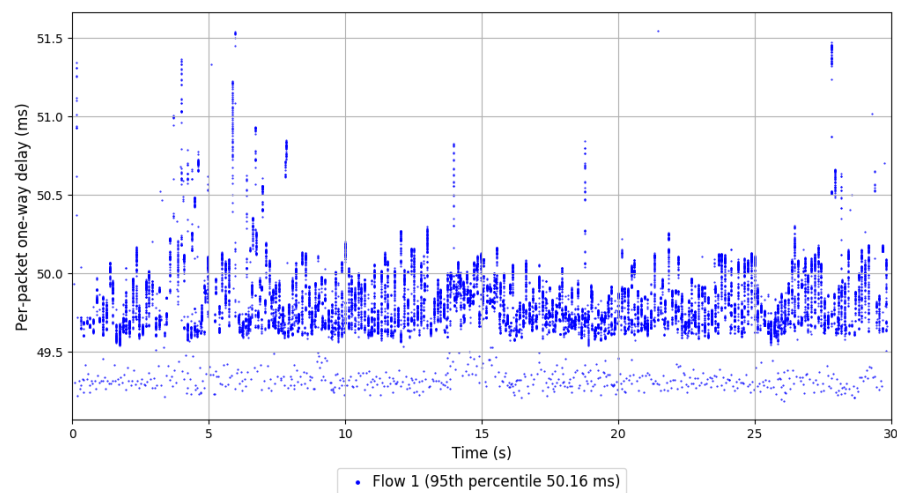
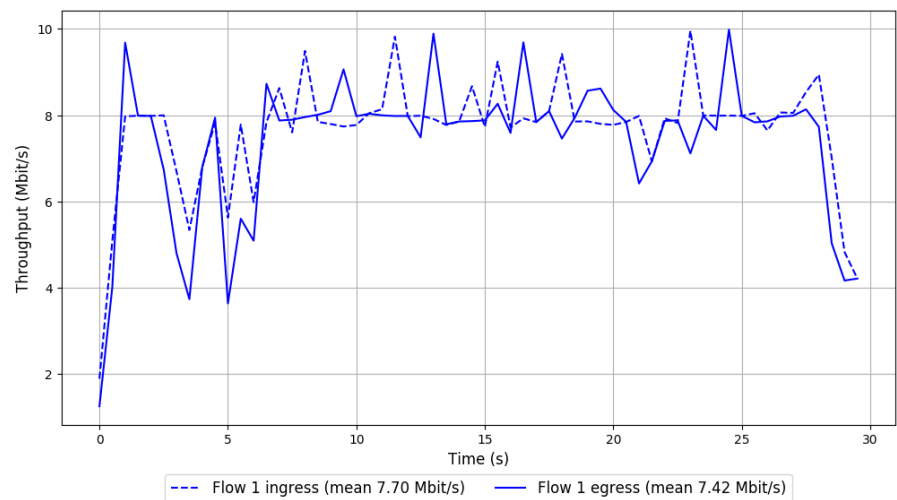
-- Flow 1:

Average throughput: 7.42 Mbit/s

95th percentile per-packet one-way delay: 50.155 ms

Loss rate: 3.59%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sun, 06 Aug 2017 02:48:40 +0000

End at: Sun, 06 Aug 2017 02:49:10 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.41 Mbit/s

95th percentile per-packet one-way delay: 49.937 ms

Loss rate: 1.68%

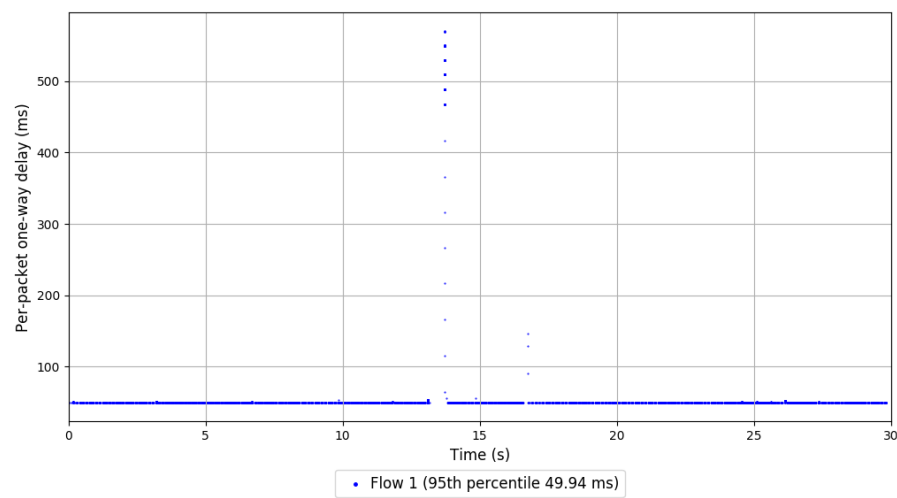
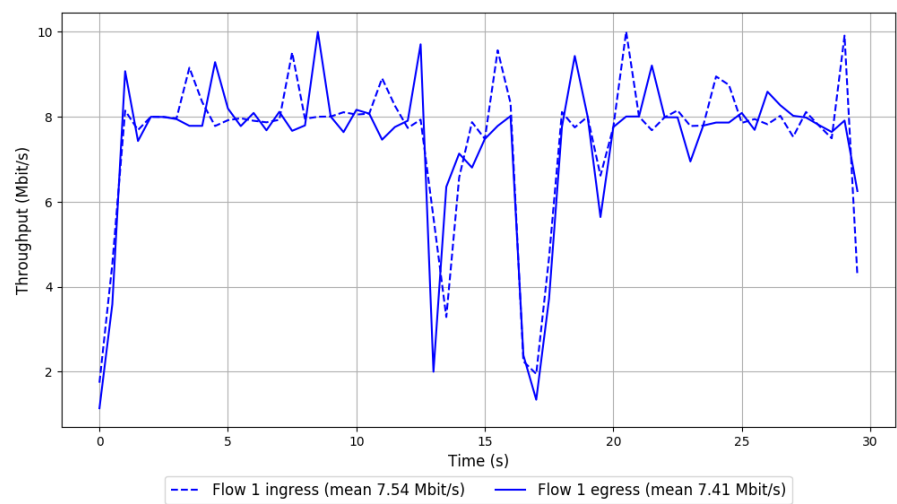
-- Flow 1:

Average throughput: 7.41 Mbit/s

95th percentile per-packet one-way delay: 49.937 ms

Loss rate: 1.68%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sun, 06 Aug 2017 02:59:03 +0000

End at: Sun, 06 Aug 2017 02:59:34 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.95 Mbit/s

95th percentile per-packet one-way delay: 50.776 ms

Loss rate: 10.55%

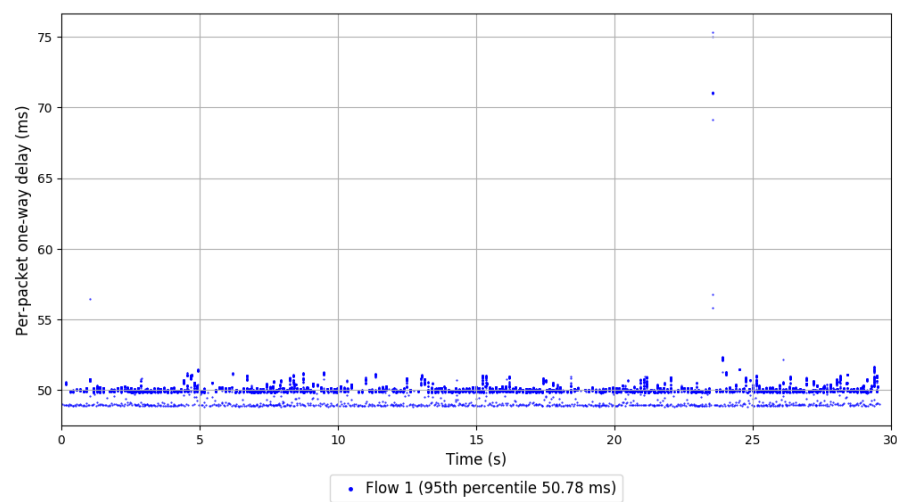
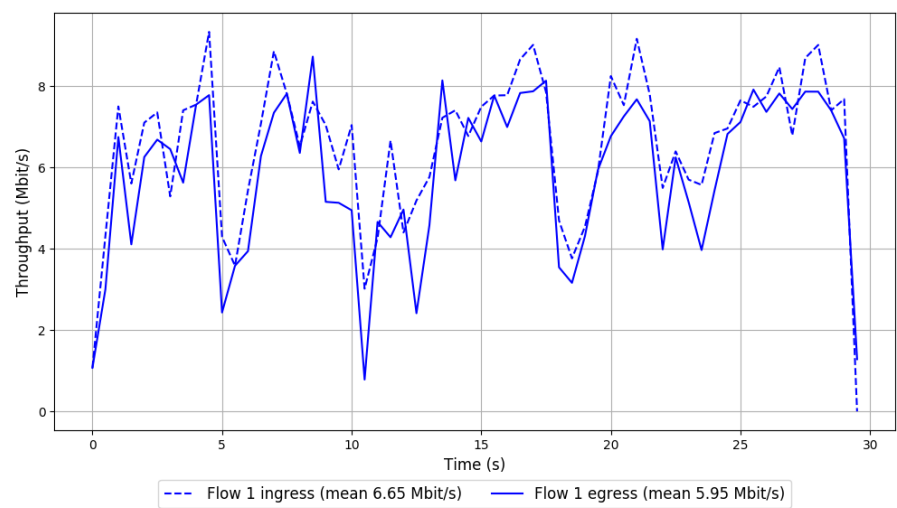
-- Flow 1:

Average throughput: 5.95 Mbit/s

95th percentile per-packet one-way delay: 50.776 ms

Loss rate: 10.55%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sun, 06 Aug 2017 03:09:27 +0000

End at: Sun, 06 Aug 2017 03:09:57 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.56 Mbit/s

95th percentile per-packet one-way delay: 50.639 ms

Loss rate: 1.26%

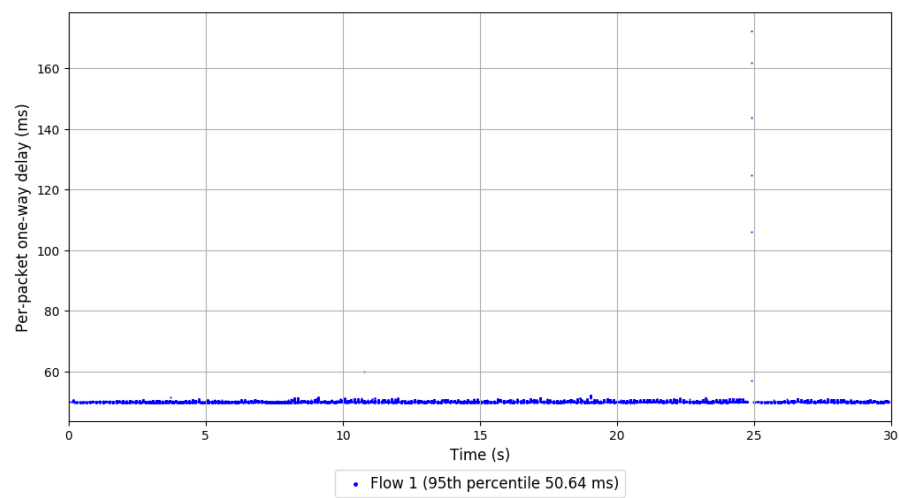
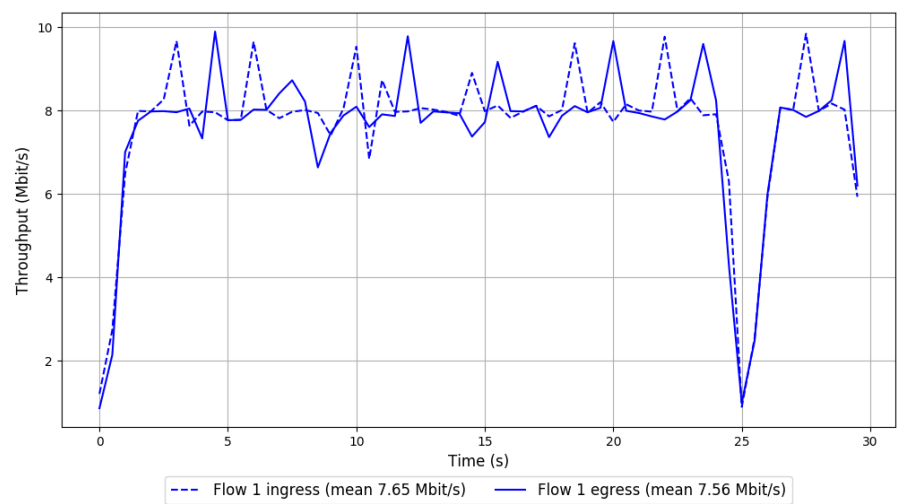
-- Flow 1:

Average throughput: 7.56 Mbit/s

95th percentile per-packet one-way delay: 50.639 ms

Loss rate: 1.26%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sun, 06 Aug 2017 03:19:22 +0000

End at: Sun, 06 Aug 2017 03:19:52 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.33 Mbit/s

95th percentile per-packet one-way delay: 51.529 ms

Loss rate: 22.73%

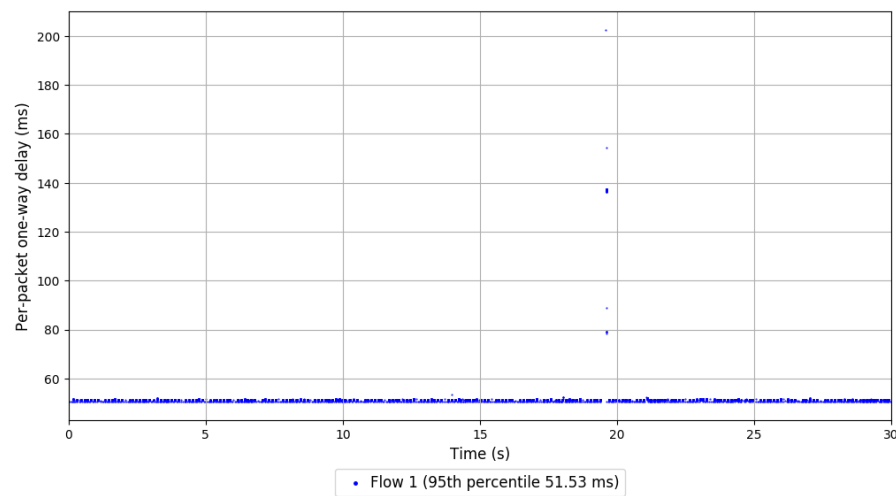
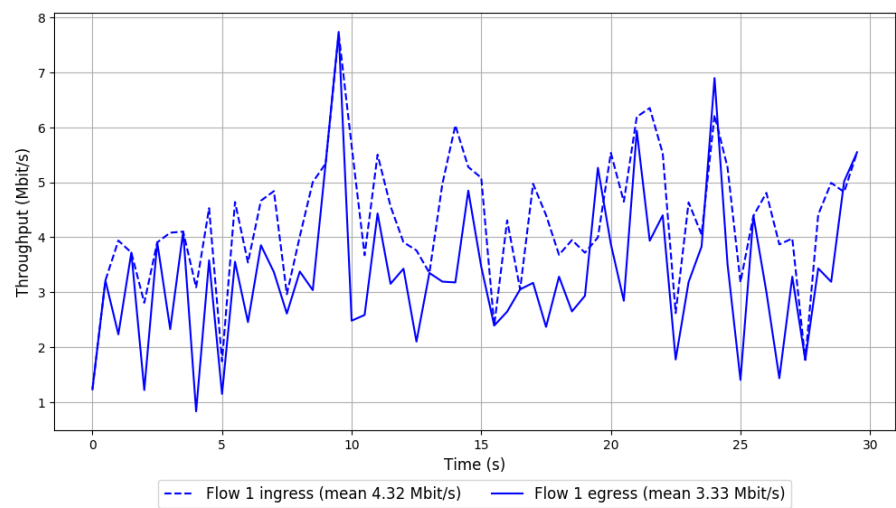
-- Flow 1:

Average throughput: 3.33 Mbit/s

95th percentile per-packet one-way delay: 51.529 ms

Loss rate: 22.73%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sun, 06 Aug 2017 03:29:28 +0000

End at: Sun, 06 Aug 2017 03:29:58 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.75 Mbit/s

95th percentile per-packet one-way delay: 50.347 ms

Loss rate: 1.00%

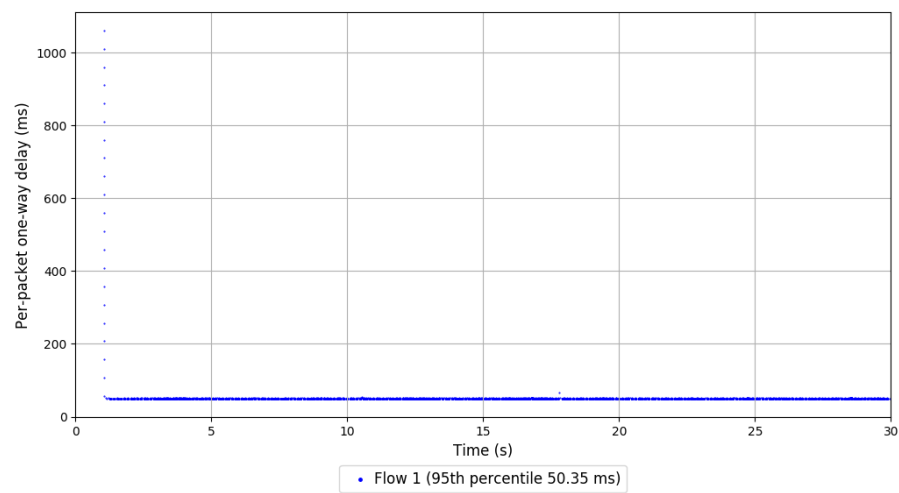
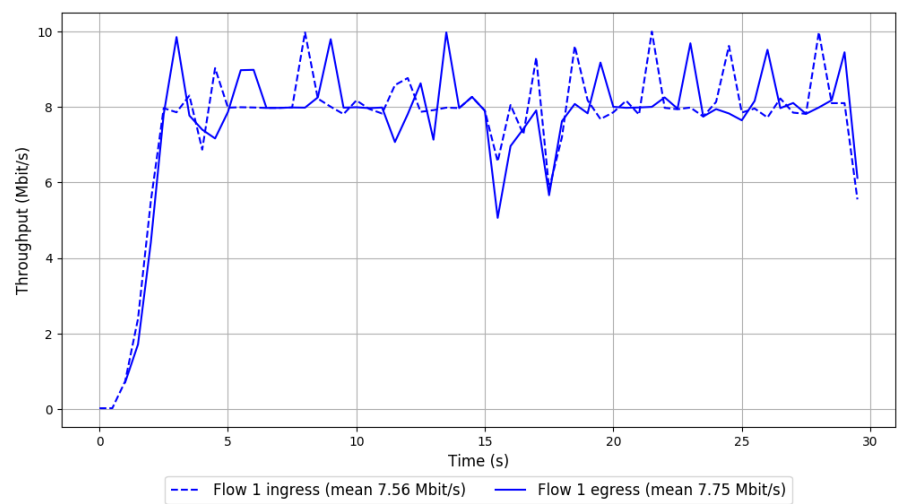
-- Flow 1:

Average throughput: 7.75 Mbit/s

95th percentile per-packet one-way delay: 50.347 ms

Loss rate: 1.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sun, 06 Aug 2017 03:39:32 +0000

End at: Sun, 06 Aug 2017 03:40:02 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:07:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.10 Mbit/s

95th percentile per-packet one-way delay: 51.186 ms

Loss rate: 23.61%

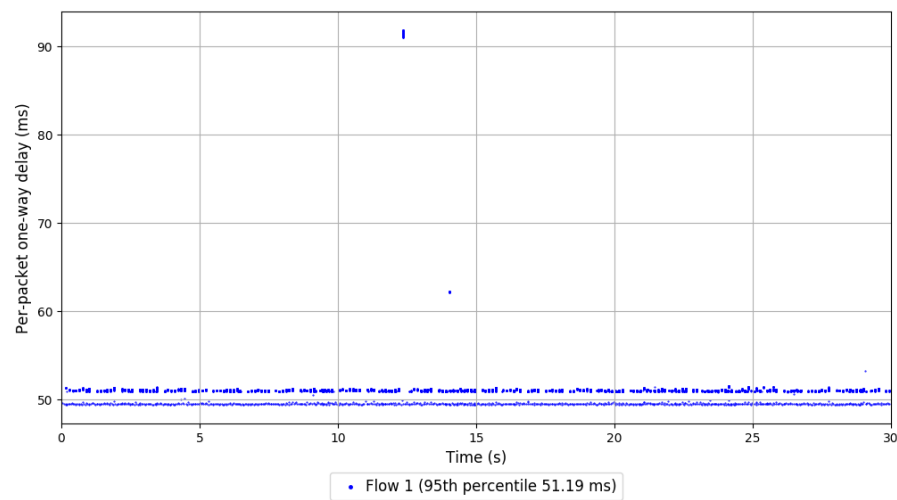
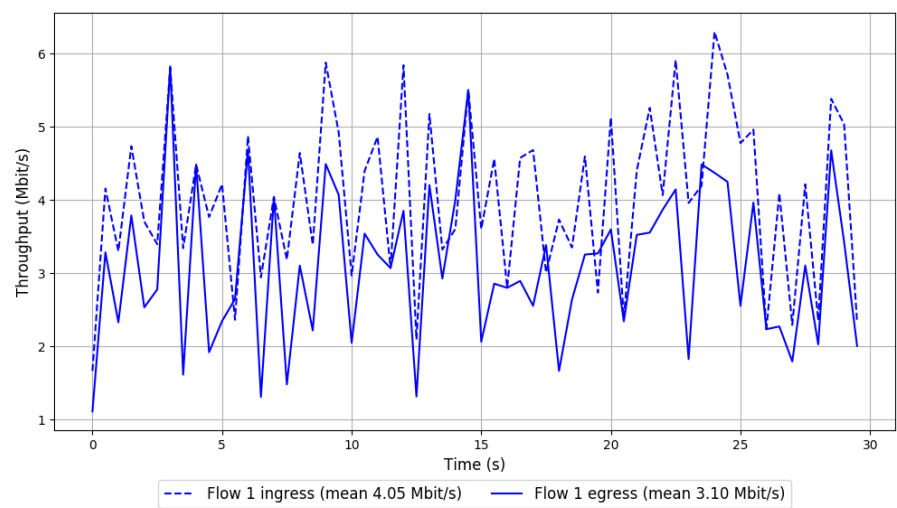
-- Flow 1:

Average throughput: 3.10 Mbit/s

95th percentile per-packet one-way delay: 51.186 ms

Loss rate: 23.61%

Run 10: Report of Sprout — Data Link

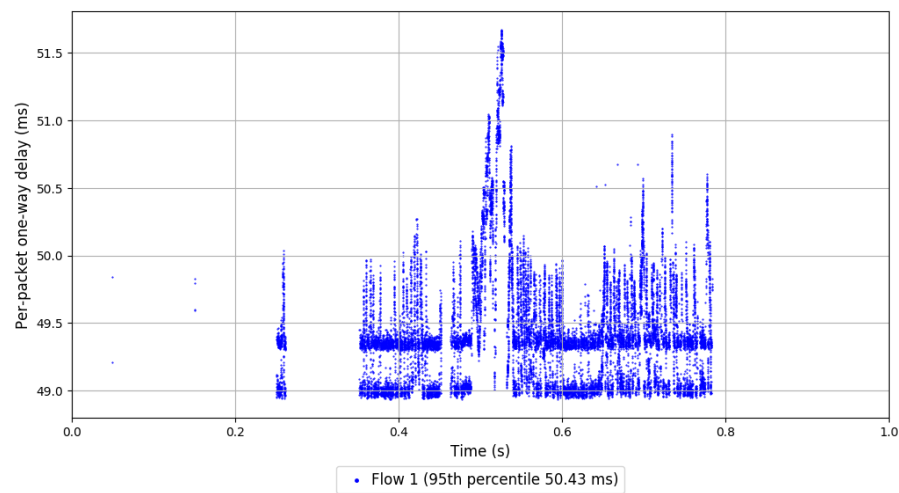
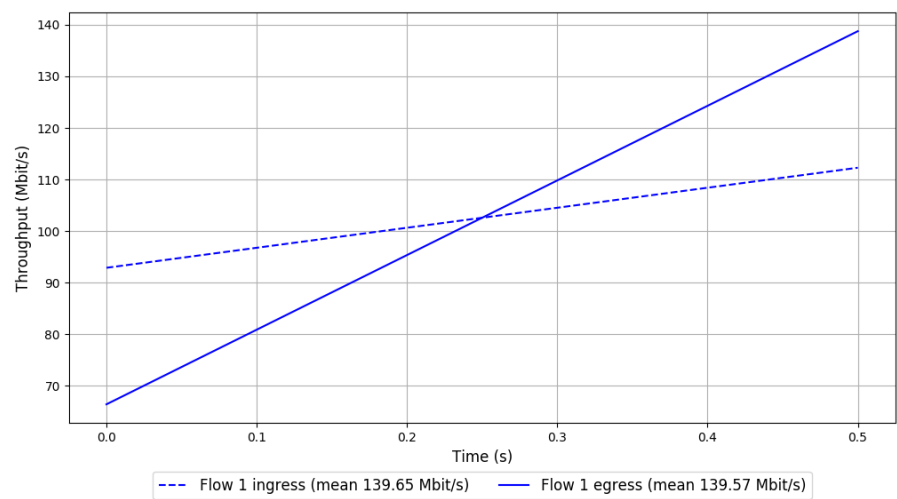


Run 1: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 02:16:24 +0000

End at: Sun, 06 Aug 2017 02:16:54 +0000

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

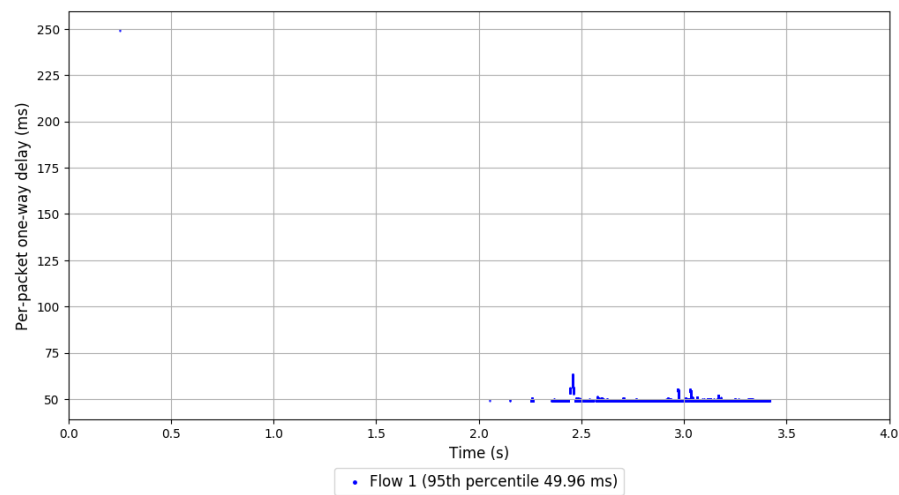
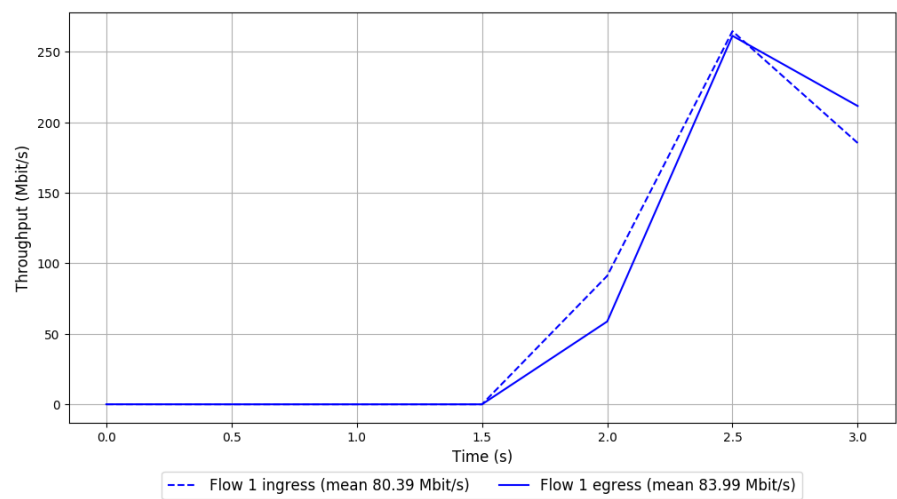


Run 2: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 02:26:22 +0000

End at: Sun, 06 Aug 2017 02:26:52 +0000

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



Run 3: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 02:36:24 +0000

End at: Sun, 06 Aug 2017 02:36:54 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:09:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 255.91 Mbit/s

95th percentile per-packet one-way delay: 50.096 ms

Loss rate: 0.83%

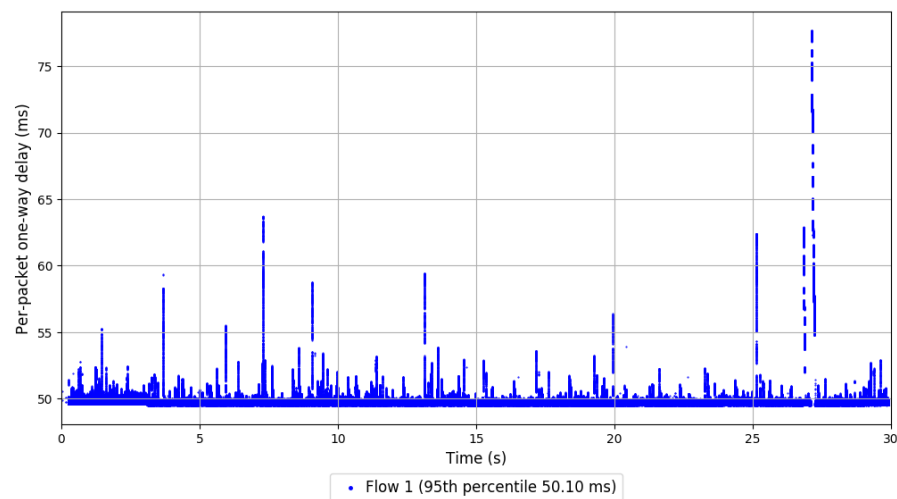
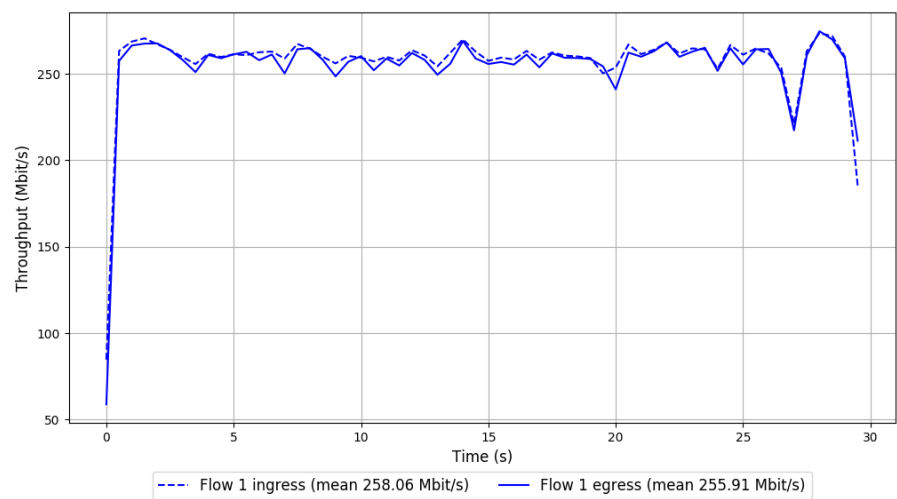
-- Flow 1:

Average throughput: 255.91 Mbit/s

95th percentile per-packet one-way delay: 50.096 ms

Loss rate: 0.83%

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

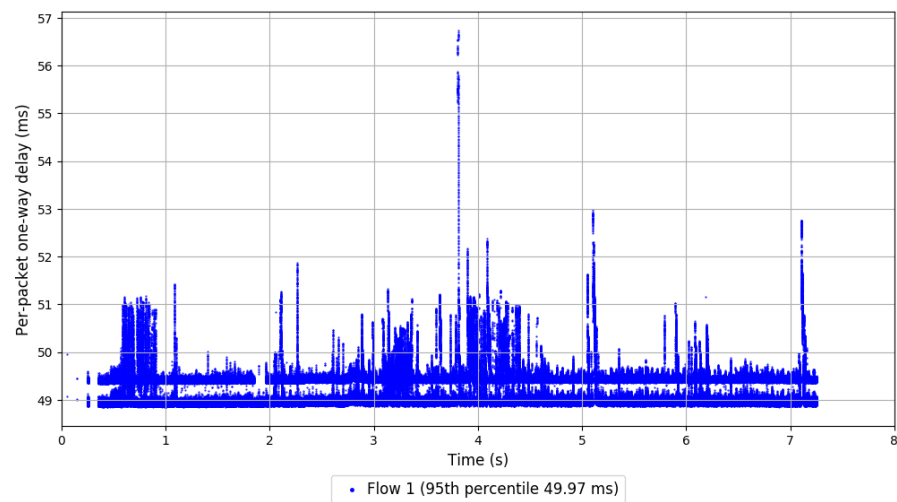
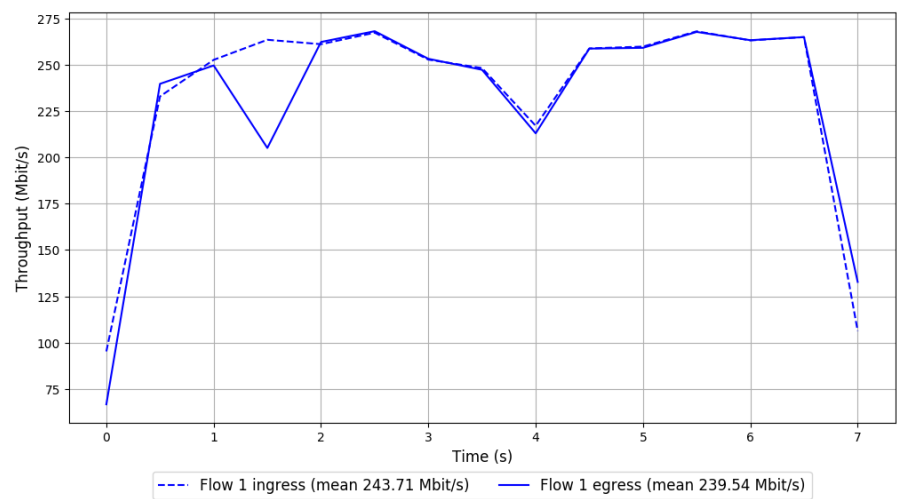


Run 4: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 02:46:43 +0000

End at: Sun, 06 Aug 2017 02:47:13 +0000

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

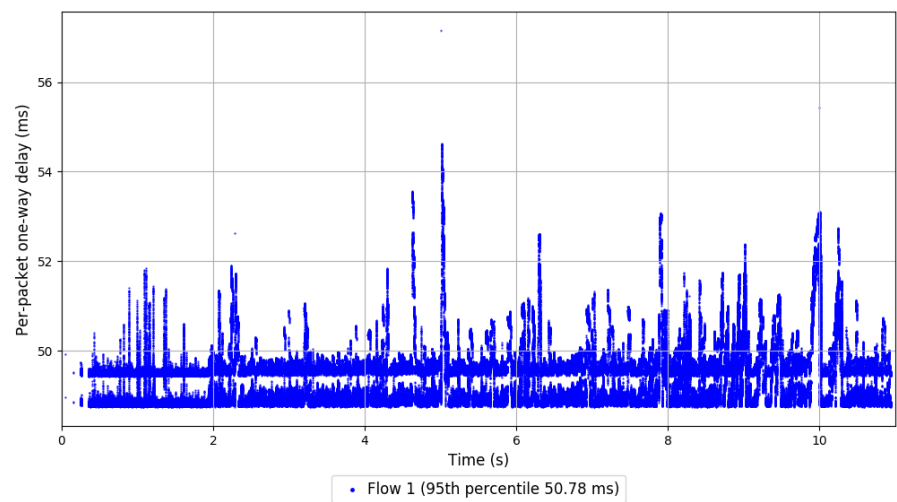
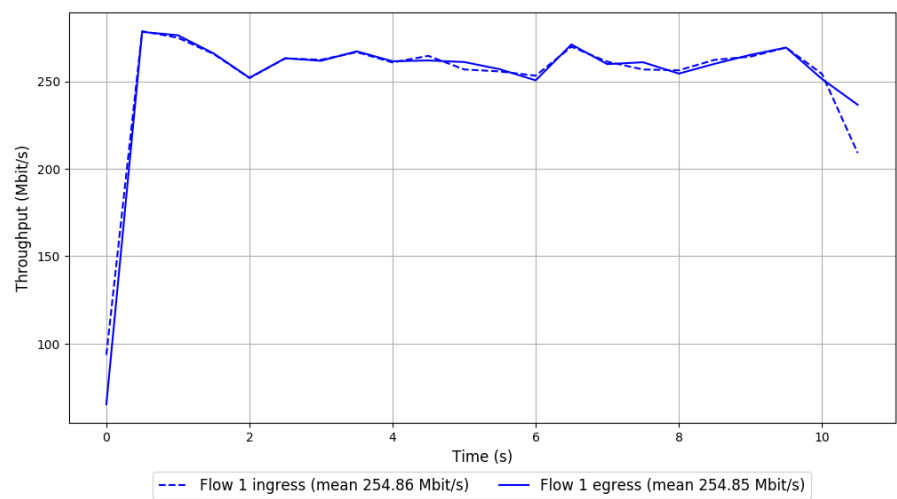


Run 5: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 02:57:03 +0000

End at: Sun, 06 Aug 2017 02:57:33 +0000

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



Run 6: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 03:07:16 +0000

End at: Sun, 06 Aug 2017 03:07:46 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:09:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.85 Mbit/s

95th percentile per-packet one-way delay: 51.195 ms

Loss rate: 0.22%

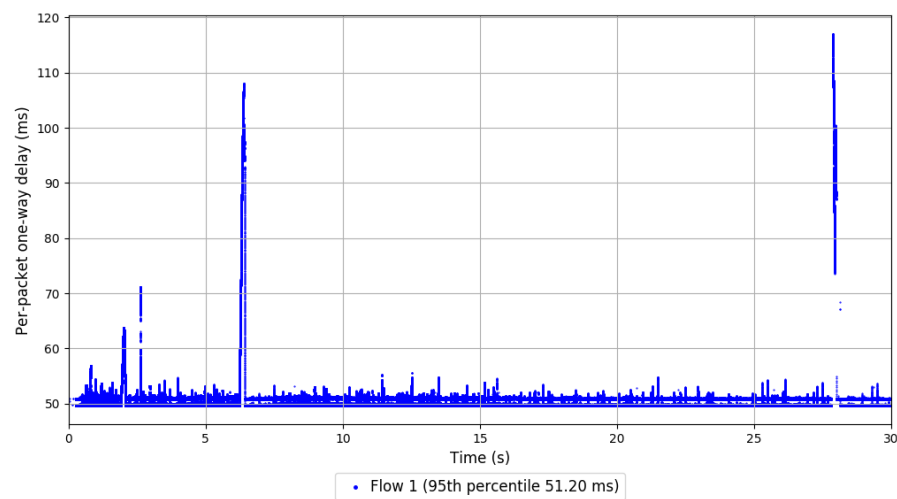
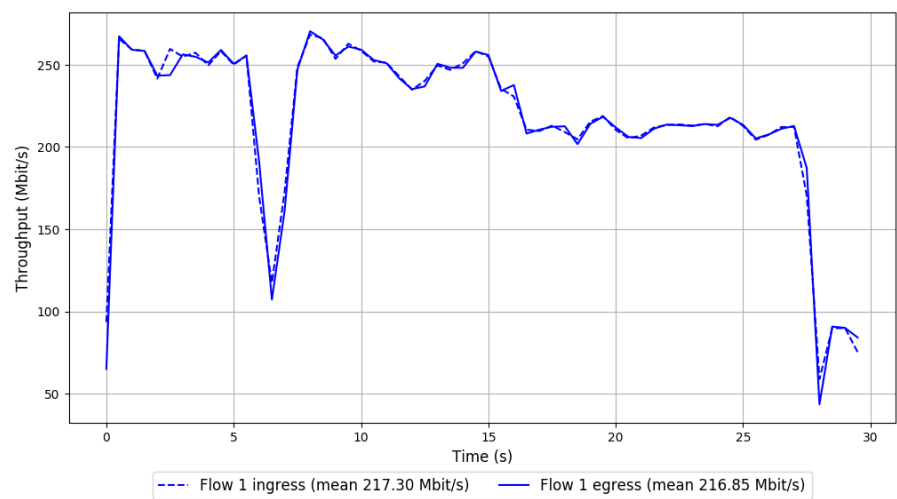
-- Flow 1:

Average throughput: 216.85 Mbit/s

95th percentile per-packet one-way delay: 51.195 ms

Loss rate: 0.22%

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

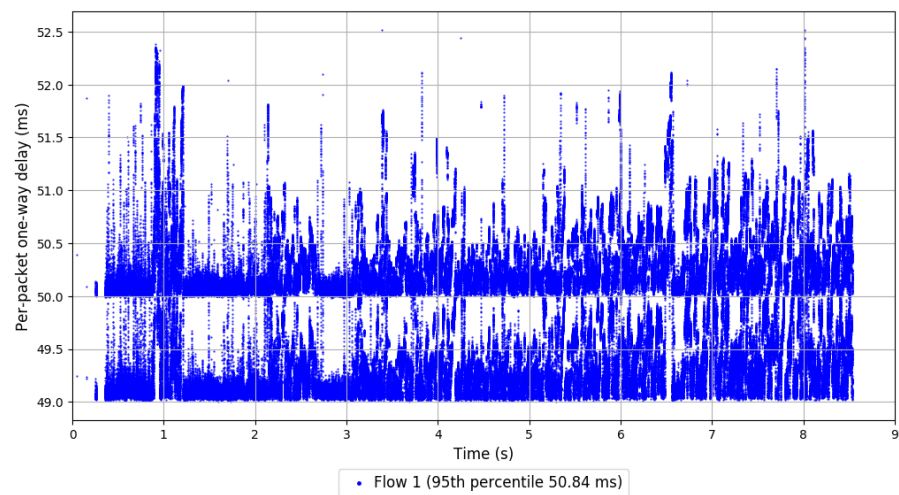
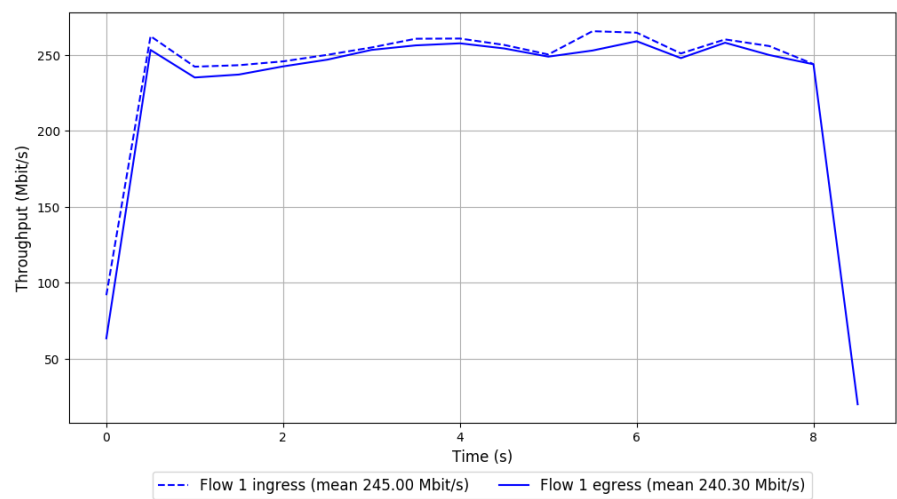


Run 7: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 03:17:22 +0000

End at: Sun, 06 Aug 2017 03:17:52 +0000

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

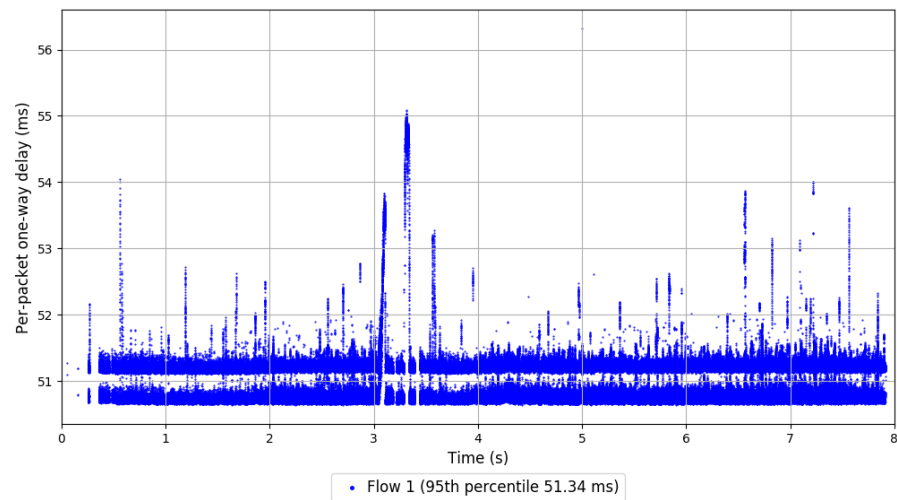
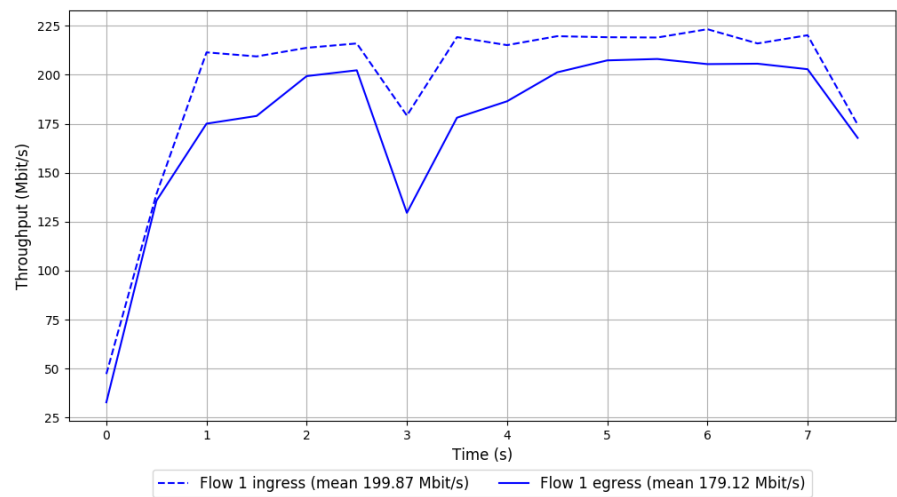


Run 8: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 03:27:32 +0000

End at: Sun, 06 Aug 2017 03:28:02 +0000

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

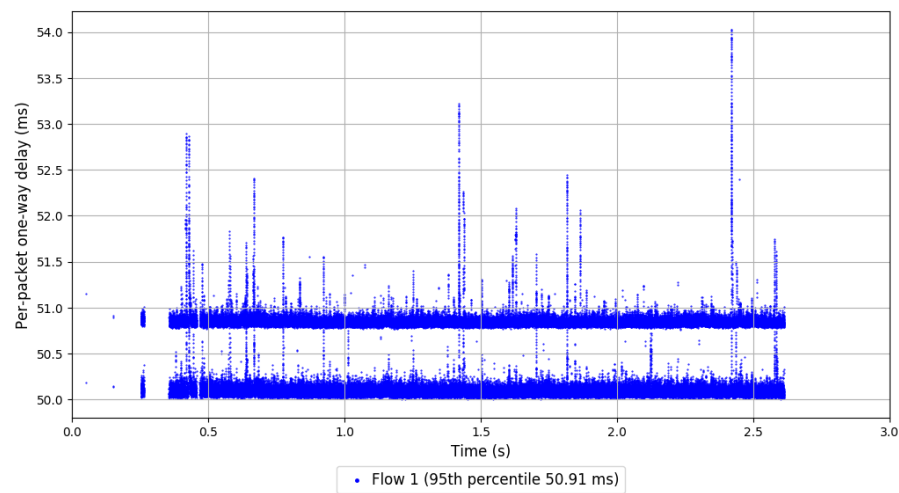
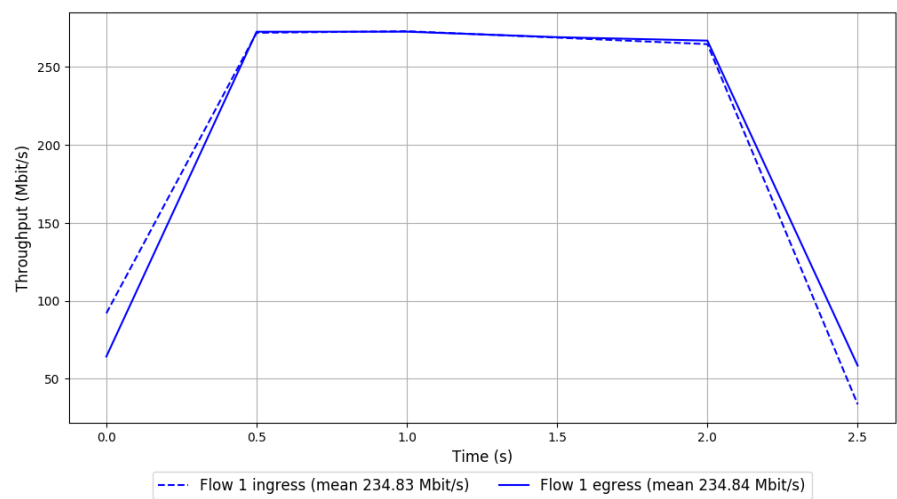


Run 9: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 03:37:39 +0000

End at: Sun, 06 Aug 2017 03:38:09 +0000

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

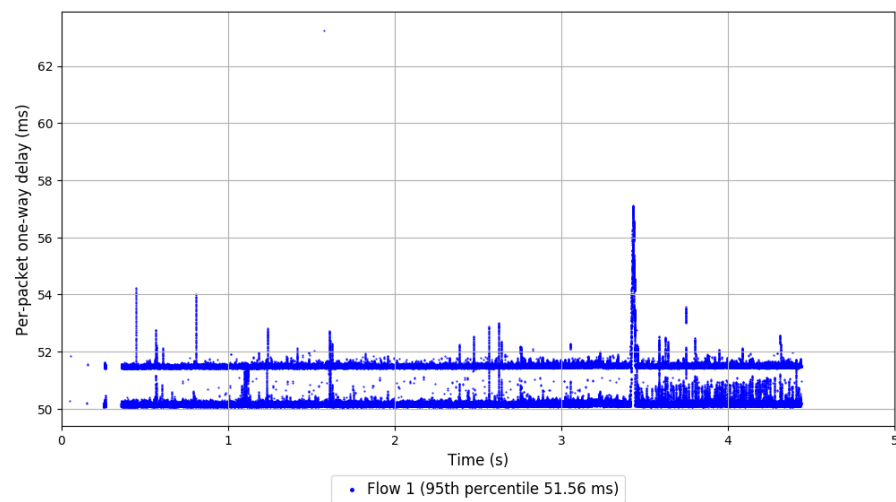
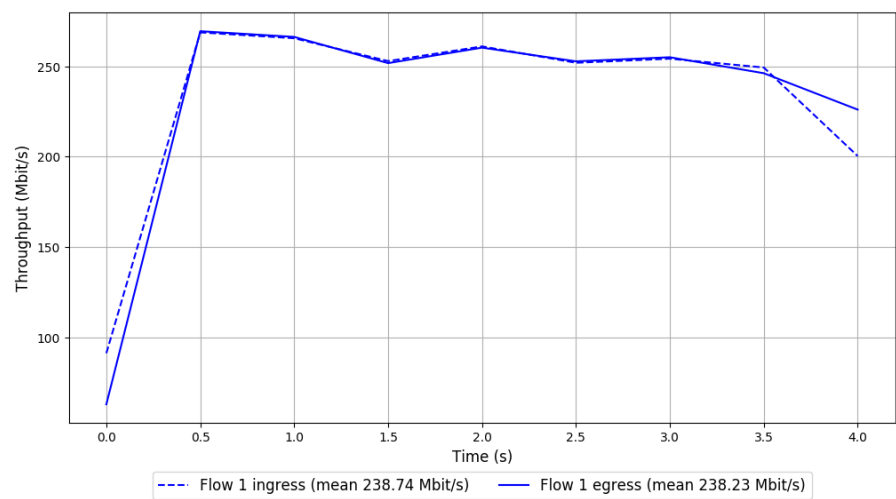


Run 10: Statistics of TaoVA-100x

Start at: Sun, 06 Aug 2017 03:47:22 +0000

End at: Sun, 06 Aug 2017 03:47:52 +0000

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 02:17:01 +0000

End at: Sun, 06 Aug 2017 02:17:31 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.87 Mbit/s

95th percentile per-packet one-way delay: 49.750 ms

Loss rate: 0.21%

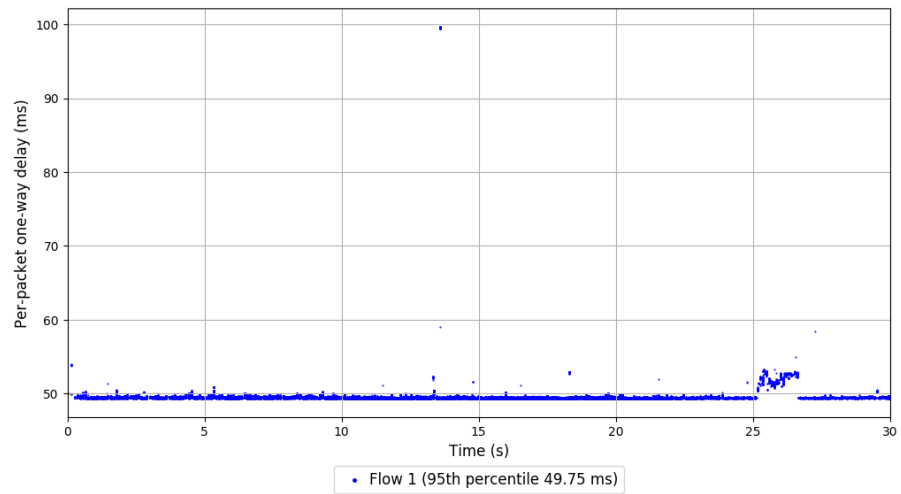
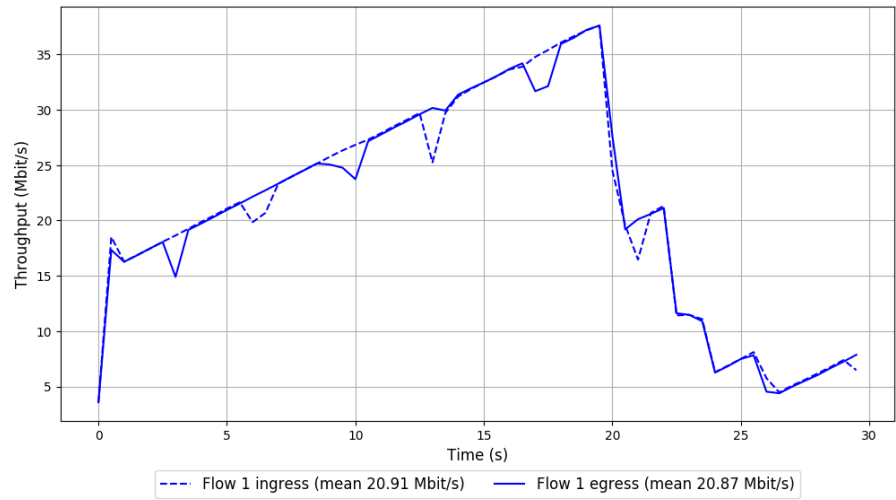
-- Flow 1:

Average throughput: 20.87 Mbit/s

95th percentile per-packet one-way delay: 49.750 ms

Loss rate: 0.21%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 02:27:00 +0000

End at: Sun, 06 Aug 2017 02:27:30 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.00 Mbit/s

95th percentile per-packet one-way delay: 50.071 ms

Loss rate: 0.78%

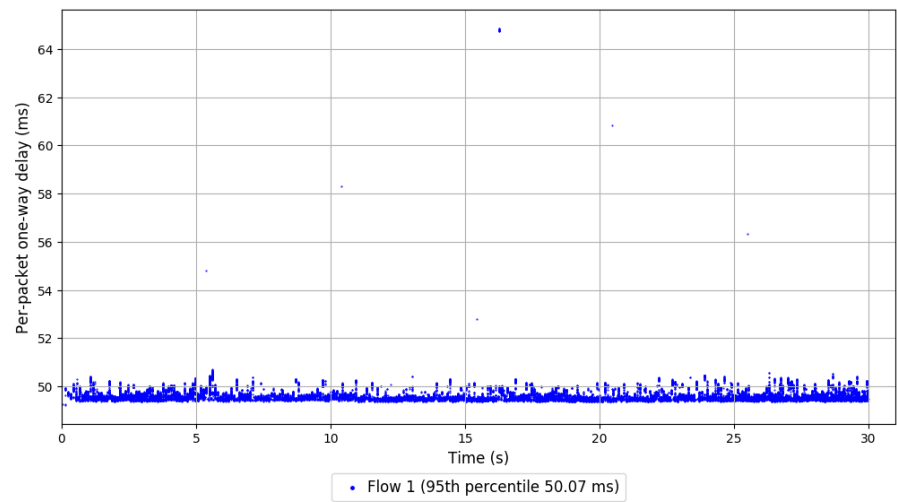
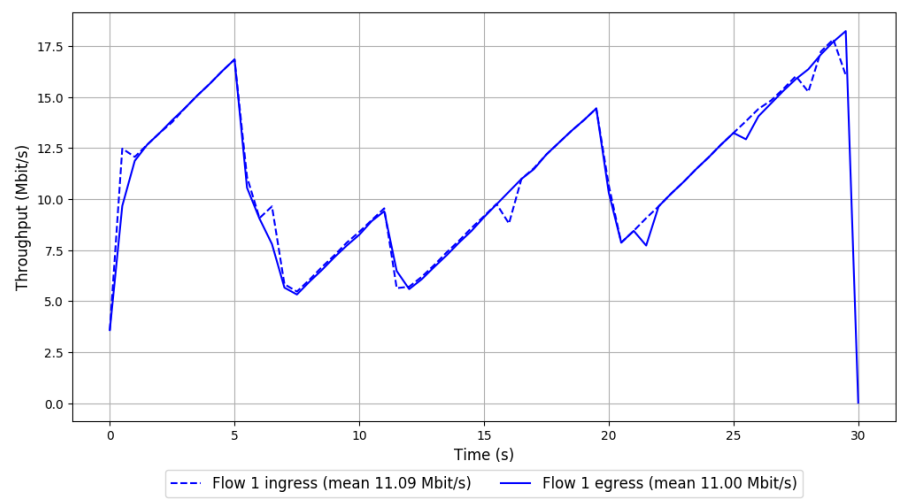
-- Flow 1:

Average throughput: 11.00 Mbit/s

95th percentile per-packet one-way delay: 50.071 ms

Loss rate: 0.78%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 02:37:25 +0000

End at: Sun, 06 Aug 2017 02:37:55 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.27 Mbit/s

95th percentile per-packet one-way delay: 49.770 ms

Loss rate: 2.11%

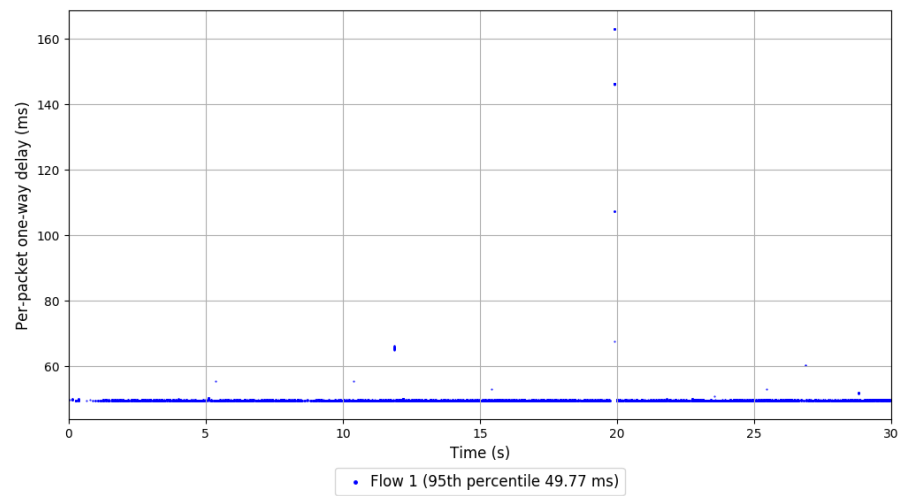
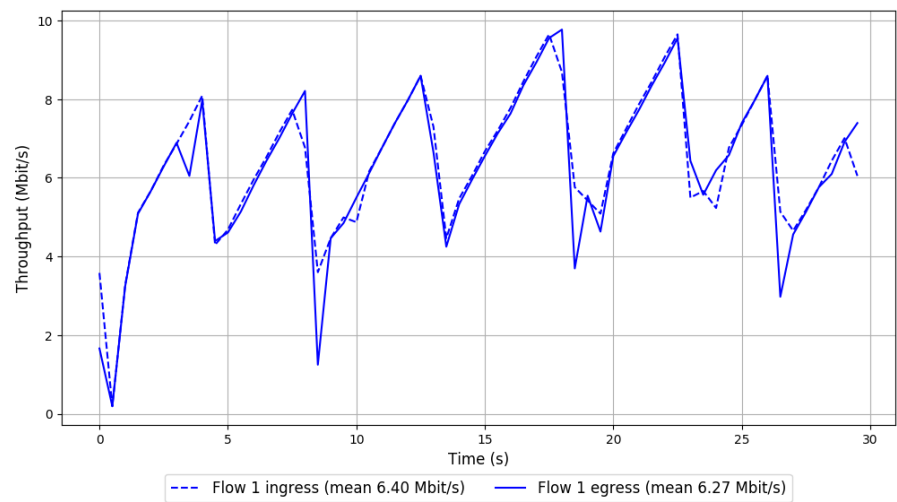
-- Flow 1:

Average throughput: 6.27 Mbit/s

95th percentile per-packet one-way delay: 49.770 ms

Loss rate: 2.11%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 02:47:25 +0000

End at: Sun, 06 Aug 2017 02:47:55 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.07 Mbit/s

95th percentile per-packet one-way delay: 50.062 ms

Loss rate: 3.92%

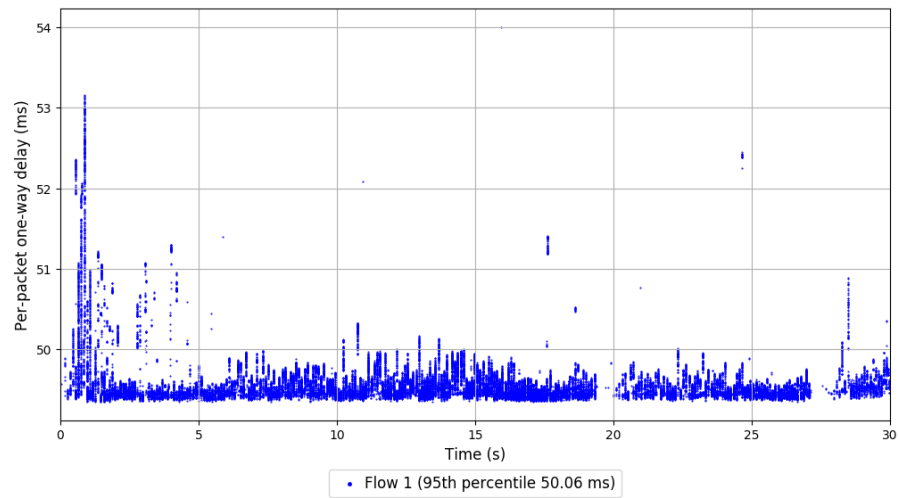
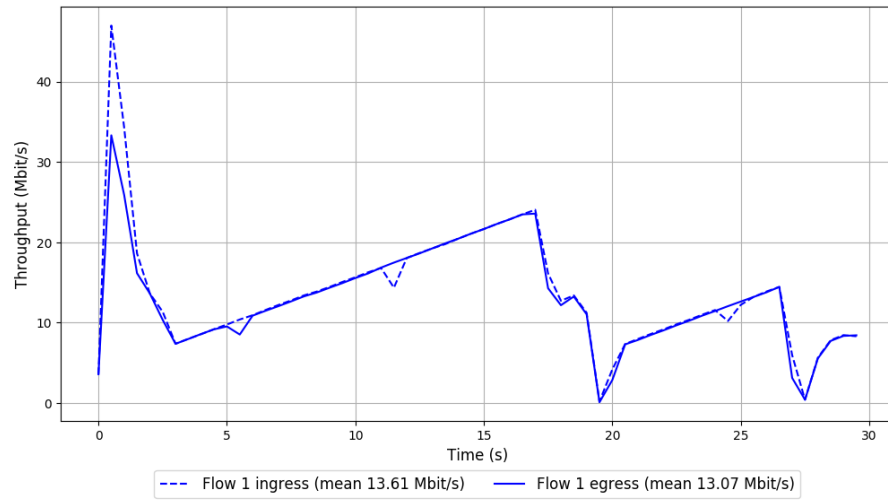
-- Flow 1:

Average throughput: 13.07 Mbit/s

95th percentile per-packet one-way delay: 50.062 ms

Loss rate: 3.92%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 02:57:49 +0000

End at: Sun, 06 Aug 2017 02:58:19 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.64 Mbit/s

95th percentile per-packet one-way delay: 51.153 ms

Loss rate: 2.40%

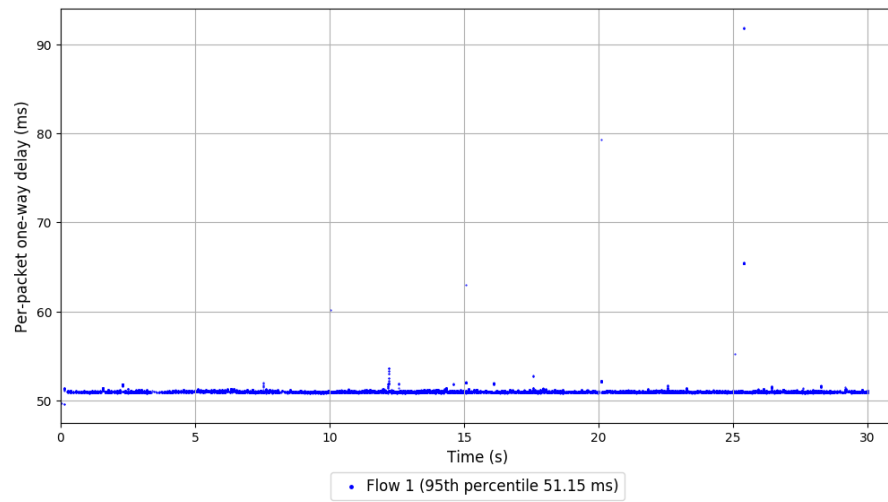
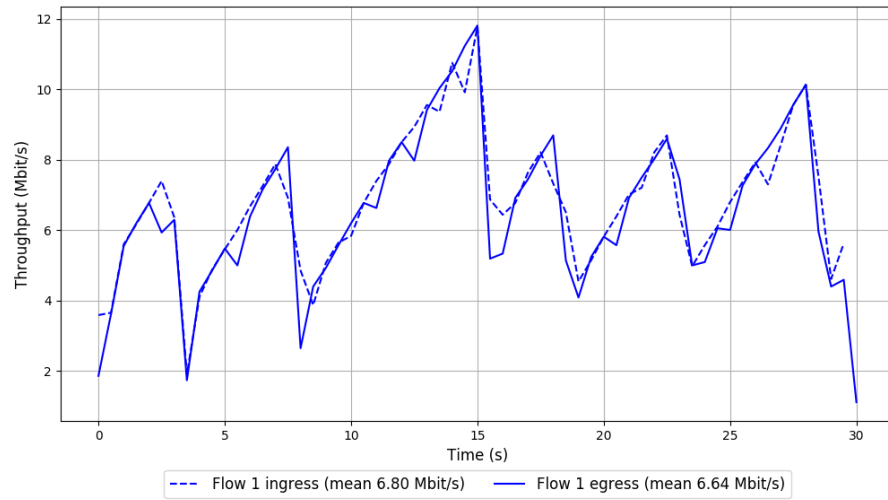
-- Flow 1:

Average throughput: 6.64 Mbit/s

95th percentile per-packet one-way delay: 51.153 ms

Loss rate: 2.40%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 03:08:13 +0000

End at: Sun, 06 Aug 2017 03:08:43 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.04 Mbit/s

95th percentile per-packet one-way delay: 49.902 ms

Loss rate: 1.43%

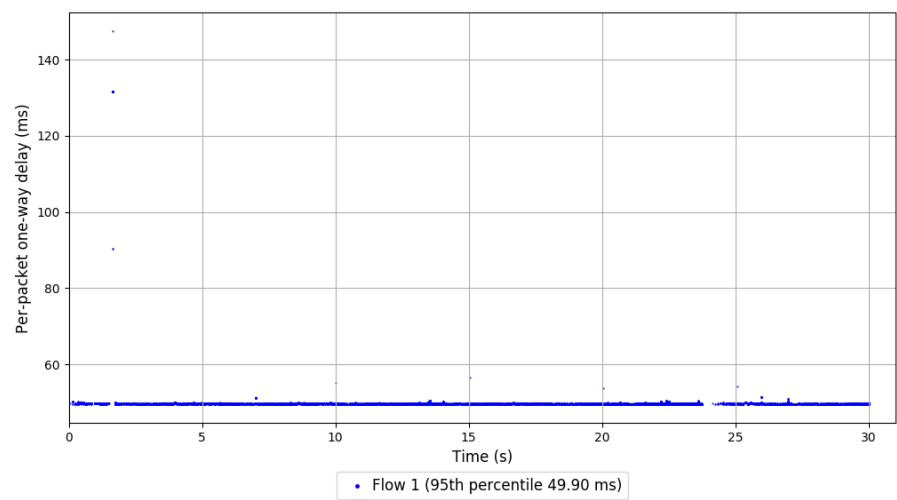
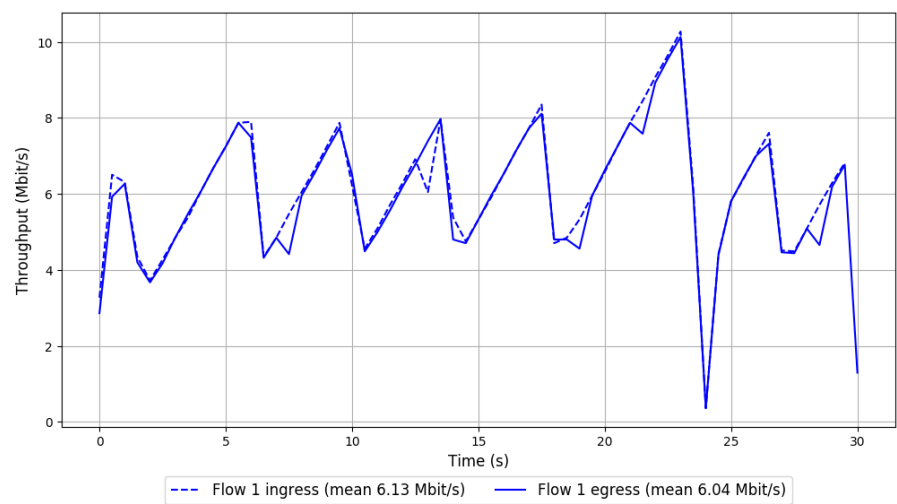
-- Flow 1:

Average throughput: 6.04 Mbit/s

95th percentile per-packet one-way delay: 49.902 ms

Loss rate: 1.43%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 03:18:07 +0000

End at: Sun, 06 Aug 2017 03:18:37 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.14 Mbit/s

95th percentile per-packet one-way delay: 49.510 ms

Loss rate: 1.40%

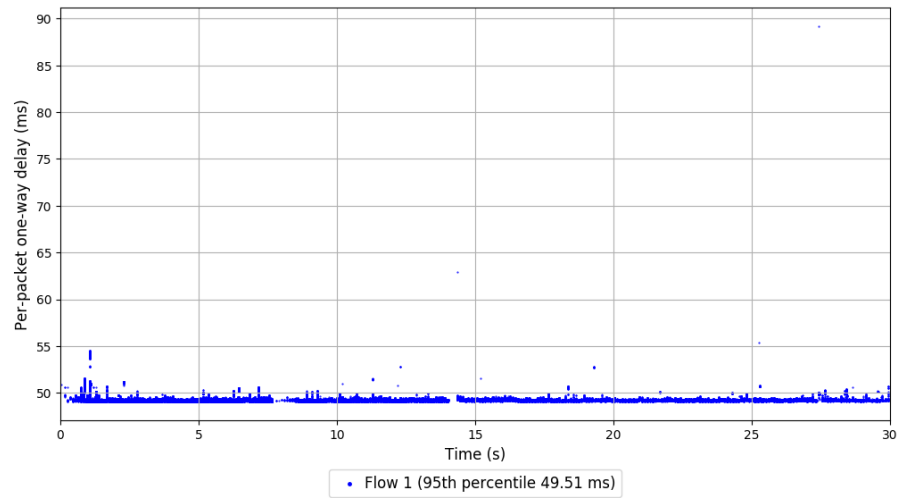
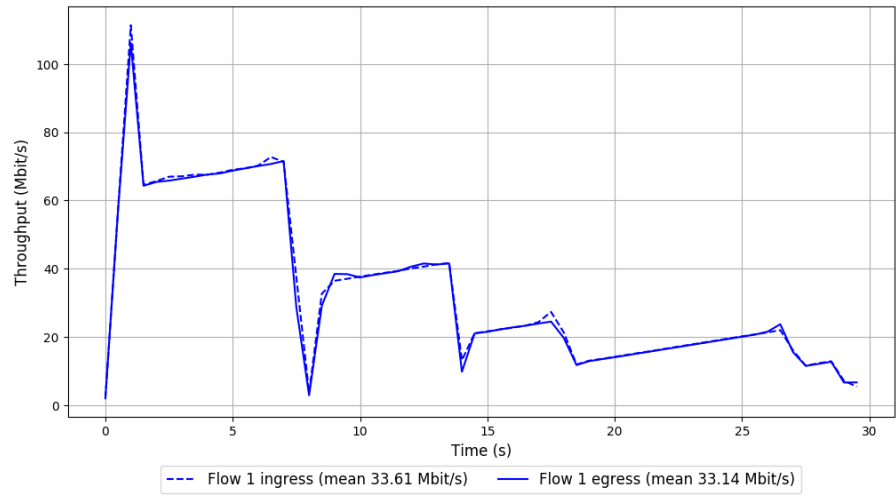
-- Flow 1:

Average throughput: 33.14 Mbit/s

95th percentile per-packet one-way delay: 49.510 ms

Loss rate: 1.40%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 03:28:14 +0000

End at: Sun, 06 Aug 2017 03:28:44 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 52.167 ms

Loss rate: 2.09%

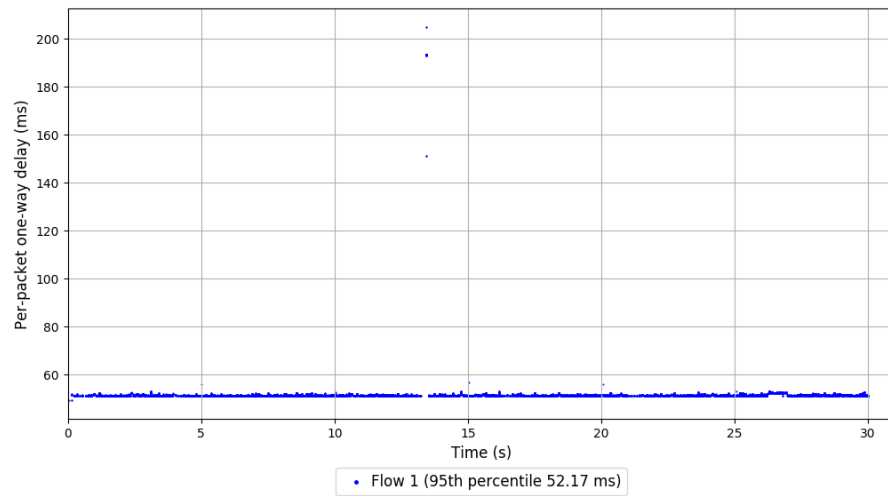
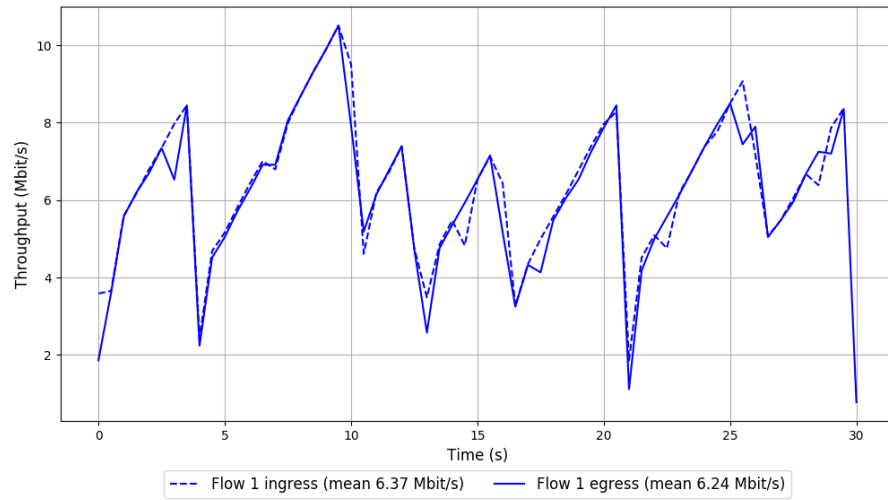
-- Flow 1:

Average throughput: 6.24 Mbit/s

95th percentile per-packet one-way delay: 52.167 ms

Loss rate: 2.09%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 03:38:18 +0000

End at: Sun, 06 Aug 2017 03:38:48 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.69 Mbit/s

95th percentile per-packet one-way delay: 51.726 ms

Loss rate: 0.35%

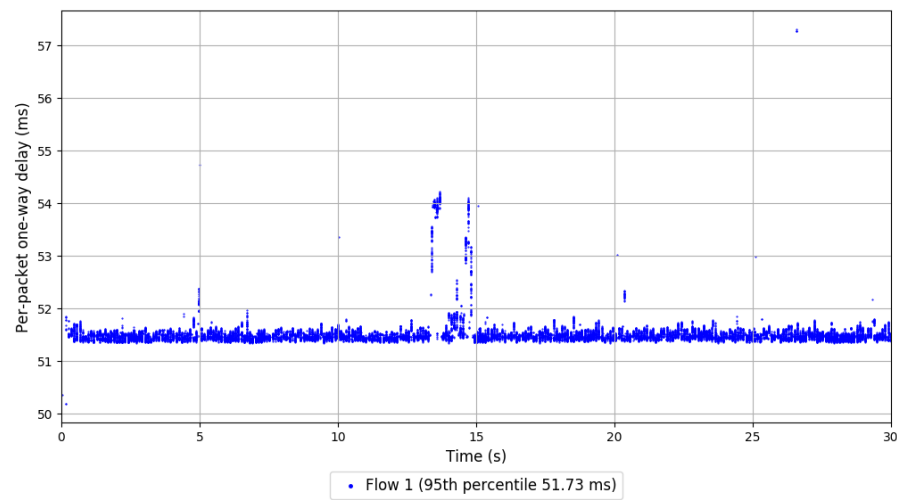
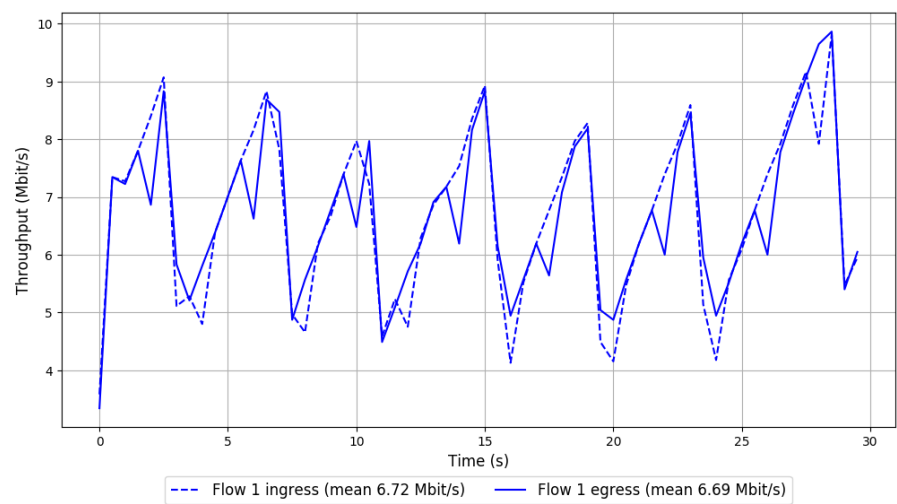
-- Flow 1:

Average throughput: 6.69 Mbit/s

95th percentile per-packet one-way delay: 51.726 ms

Loss rate: 0.35%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sun, 06 Aug 2017 03:48:02 +0000

End at: Sun, 06 Aug 2017 03:48:32 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.88 Mbit/s

95th percentile per-packet one-way delay: 51.189 ms

Loss rate: 2.70%

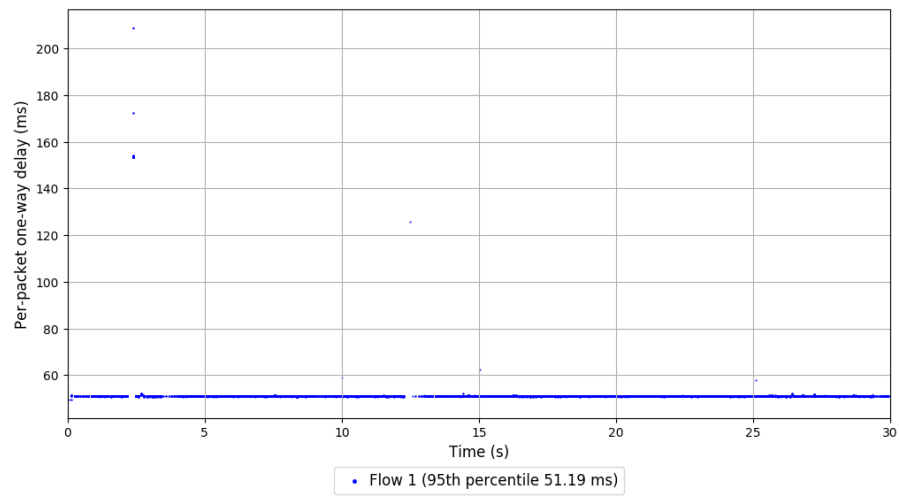
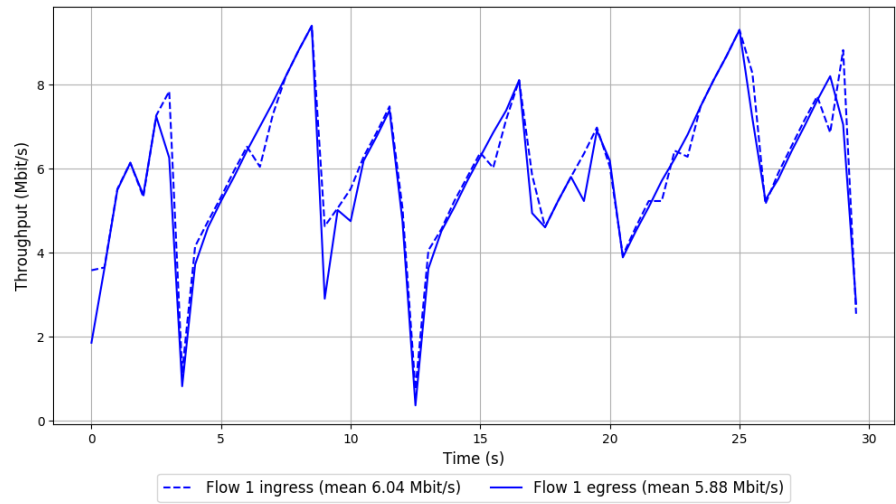
-- Flow 1:

Average throughput: 5.88 Mbit/s

95th percentile per-packet one-way delay: 51.189 ms

Loss rate: 2.70%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sun, 06 Aug 2017 02:08:49 +0000

End at: Sun, 06 Aug 2017 02:09:19 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.41 Mbit/s

95th percentile per-packet one-way delay: 52.211 ms

Loss rate: 89.19%

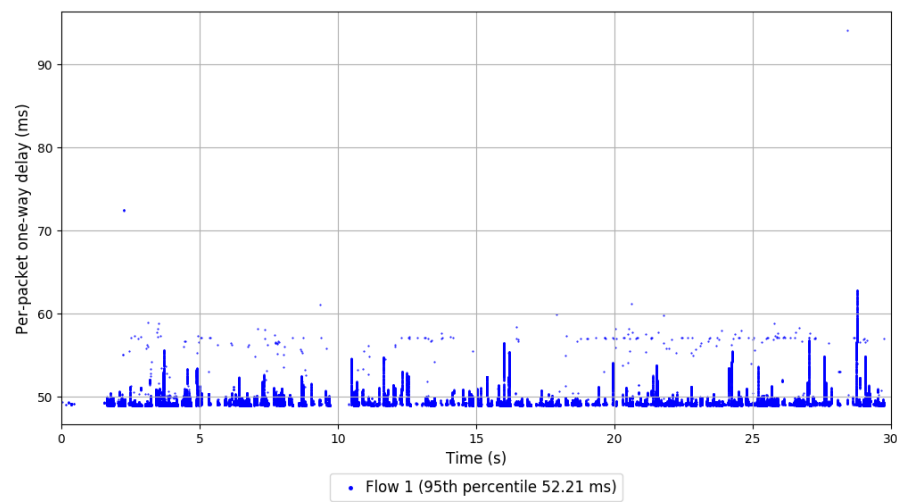
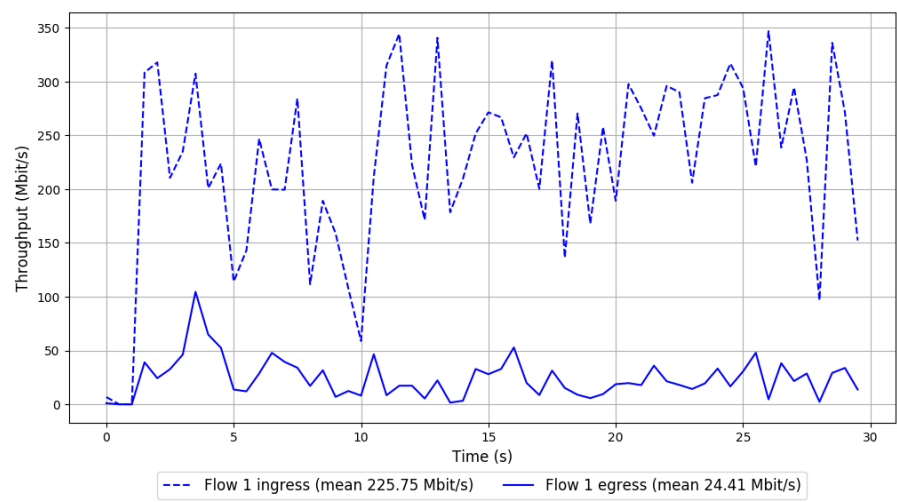
-- Flow 1:

Average throughput: 24.41 Mbit/s

95th percentile per-packet one-way delay: 52.211 ms

Loss rate: 89.19%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 06 Aug 2017 02:18:54 +0000

End at: Sun, 06 Aug 2017 02:19:24 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:10:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: 54.364 ms

Loss rate: 73.81%

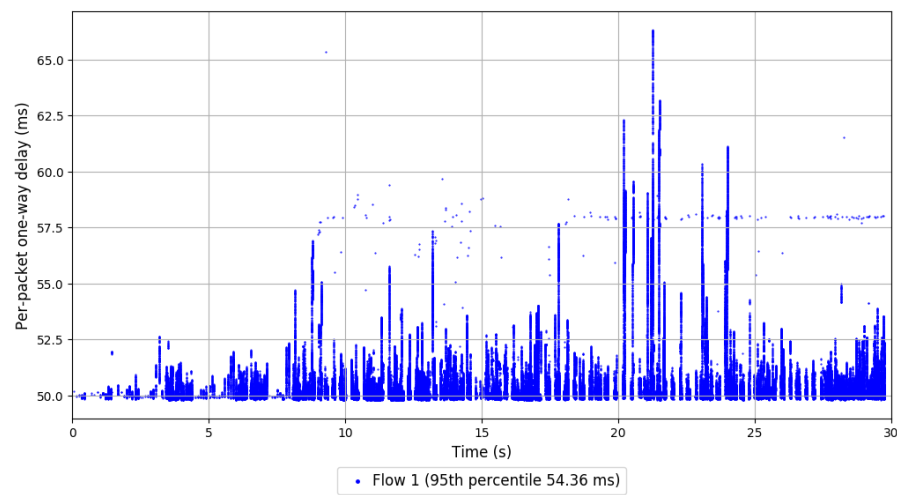
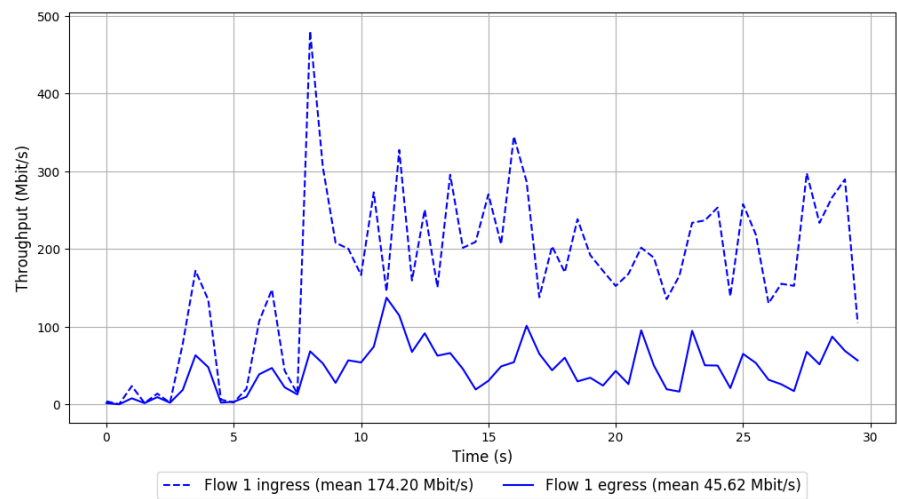
-- Flow 1:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: 54.364 ms

Loss rate: 73.81%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sun, 06 Aug 2017 02:28:52 +0000

End at: Sun, 06 Aug 2017 02:29:22 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 103.96 Mbit/s

95th percentile per-packet one-way delay: 51.553 ms

Loss rate: 0.64%

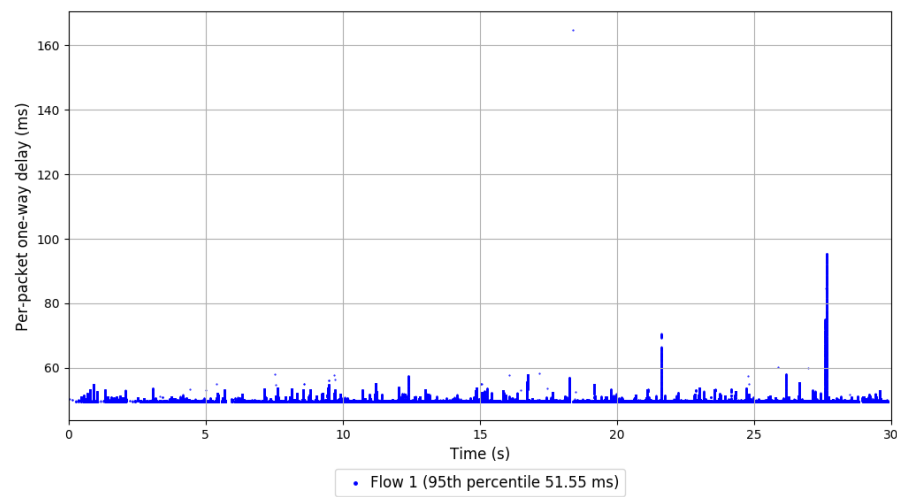
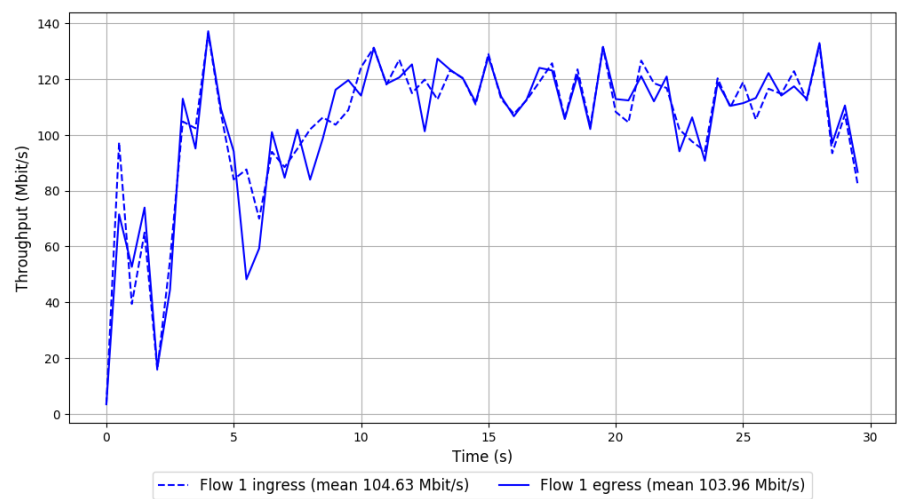
-- Flow 1:

Average throughput: 103.96 Mbit/s

95th percentile per-packet one-way delay: 51.553 ms

Loss rate: 0.64%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sun, 06 Aug 2017 02:39:17 +0000

End at: Sun, 06 Aug 2017 02:39:47 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.52 Mbit/s

95th percentile per-packet one-way delay: 50.329 ms

Loss rate: 97.47%

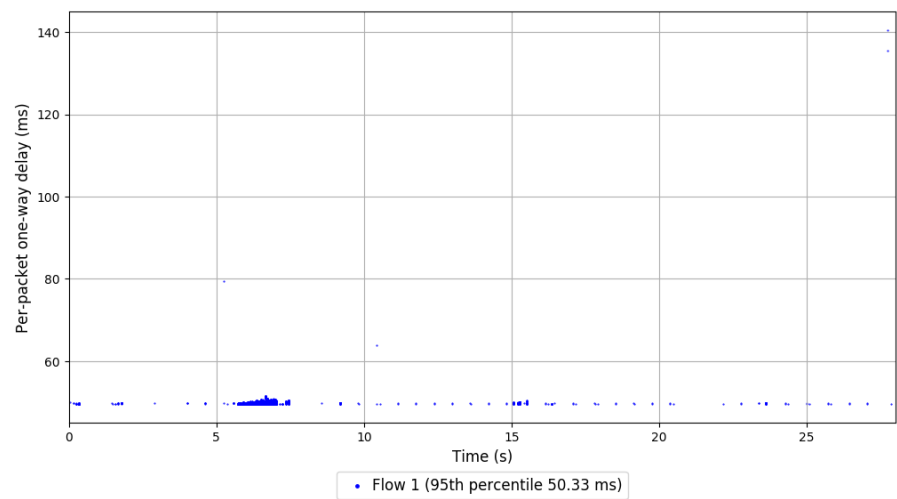
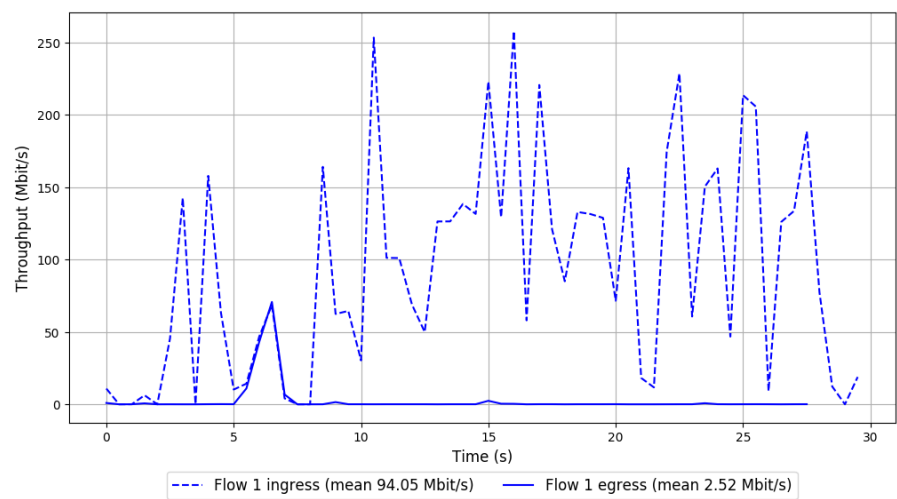
-- Flow 1:

Average throughput: 2.52 Mbit/s

95th percentile per-packet one-way delay: 50.329 ms

Loss rate: 97.47%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sun, 06 Aug 2017 02:49:18 +0000

End at: Sun, 06 Aug 2017 02:49:48 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.50 Mbit/s

95th percentile per-packet one-way delay: 59.427 ms

Loss rate: 48.01%

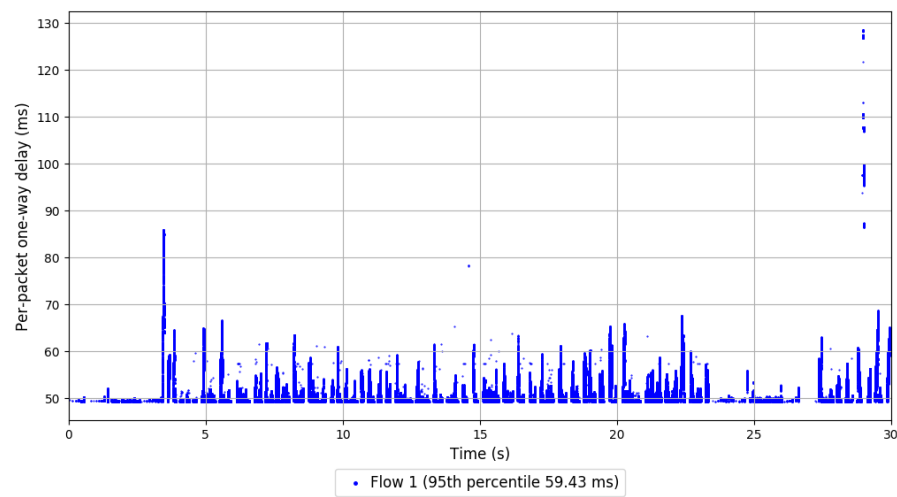
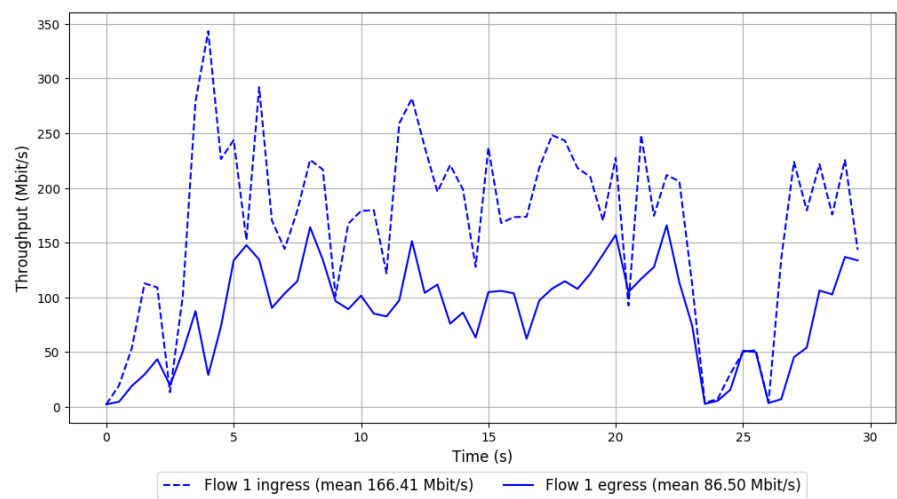
-- Flow 1:

Average throughput: 86.50 Mbit/s

95th percentile per-packet one-way delay: 59.427 ms

Loss rate: 48.01%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 06 Aug 2017 02:59:41 +0000

End at: Sun, 06 Aug 2017 03:00:11 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 129.68 Mbit/s

95th percentile per-packet one-way delay: 74.243 ms

Loss rate: 6.21%

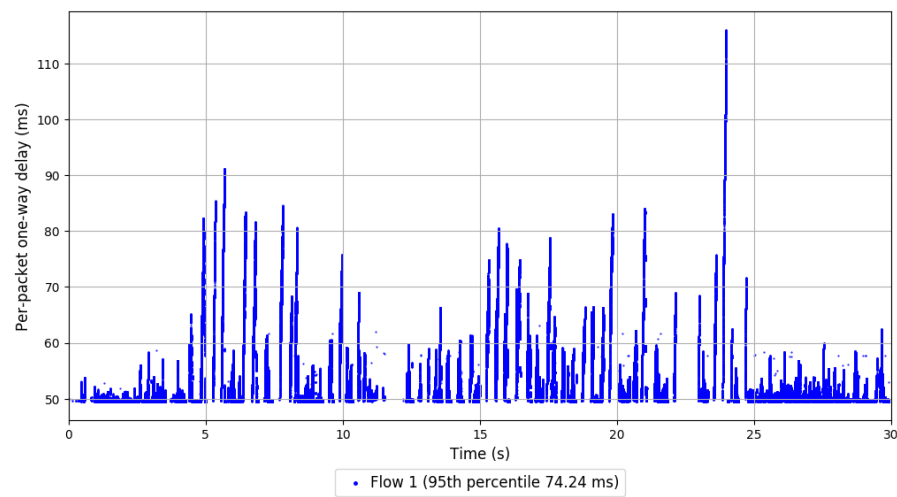
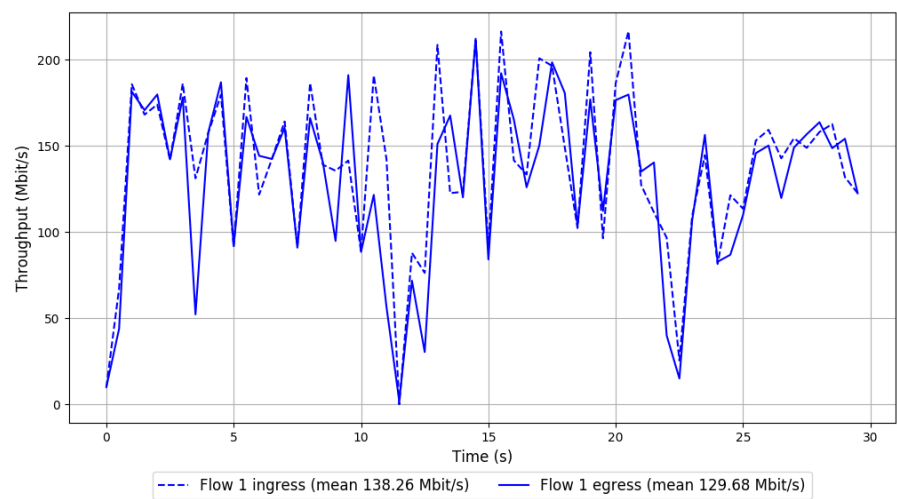
-- Flow 1:

Average throughput: 129.68 Mbit/s

95th percentile per-packet one-way delay: 74.243 ms

Loss rate: 6.21%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 06 Aug 2017 03:10:04 +0000

End at: Sun, 06 Aug 2017 03:10:34 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 99.86 Mbit/s

95th percentile per-packet one-way delay: 60.323 ms

Loss rate: 41.30%

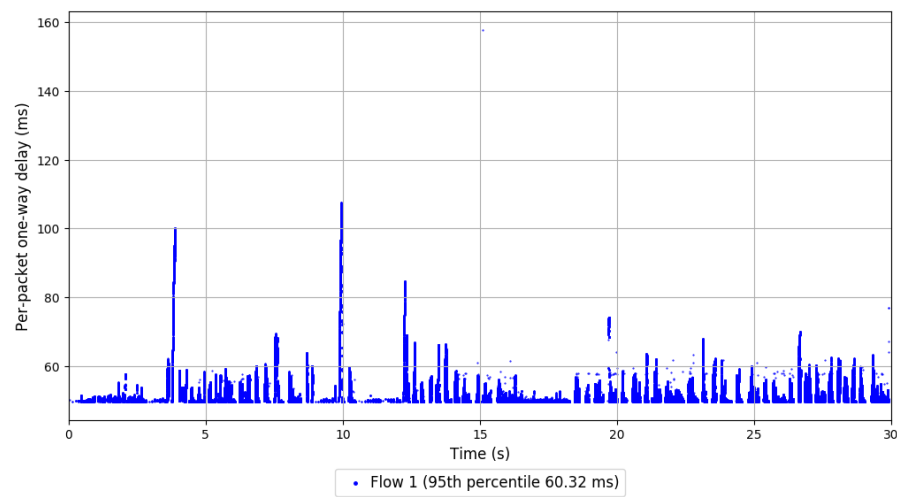
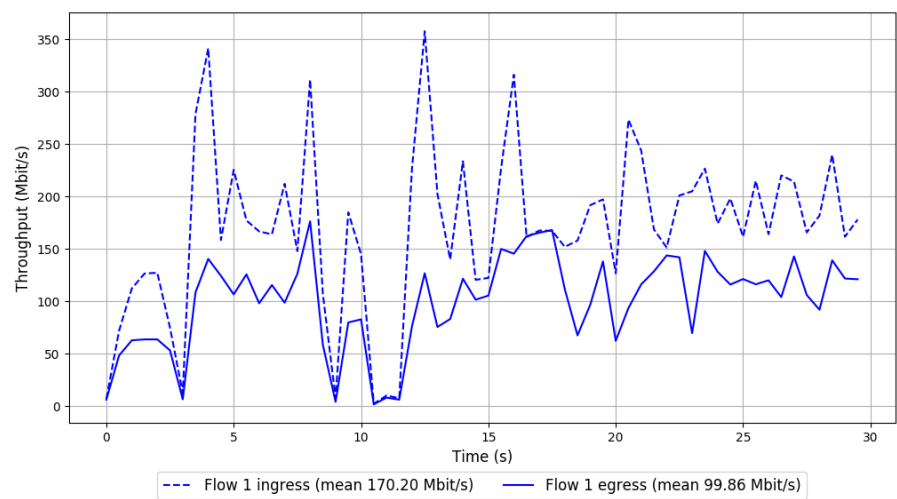
-- Flow 1:

Average throughput: 99.86 Mbit/s

95th percentile per-packet one-way delay: 60.323 ms

Loss rate: 41.30%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sun, 06 Aug 2017 03:19:59 +0000

End at: Sun, 06 Aug 2017 03:20:29 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.20 Mbit/s

95th percentile per-packet one-way delay: 59.935 ms

Loss rate: 42.38%

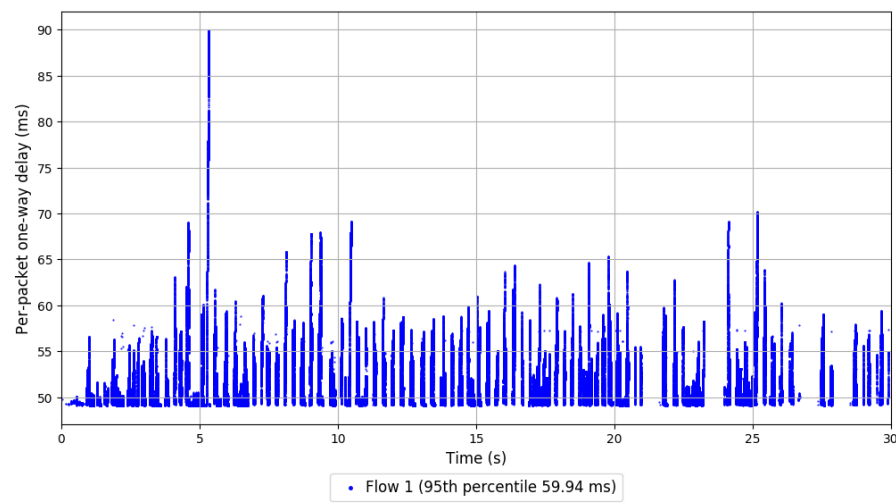
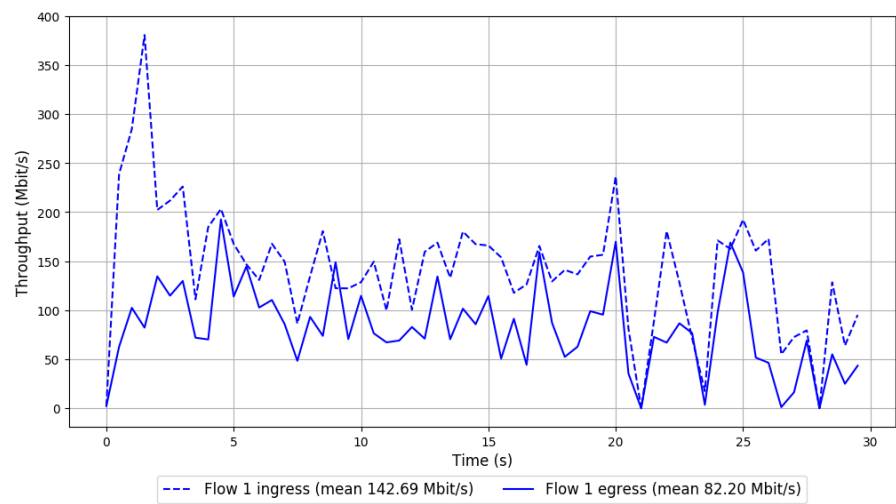
-- Flow 1:

Average throughput: 82.20 Mbit/s

95th percentile per-packet one-way delay: 59.935 ms

Loss rate: 42.38%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Sun, 06 Aug 2017 03:30:05 +0000

End at: Sun, 06 Aug 2017 03:30:35 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.21 Mbit/s

95th percentile per-packet one-way delay: 54.426 ms

Loss rate: 92.67%

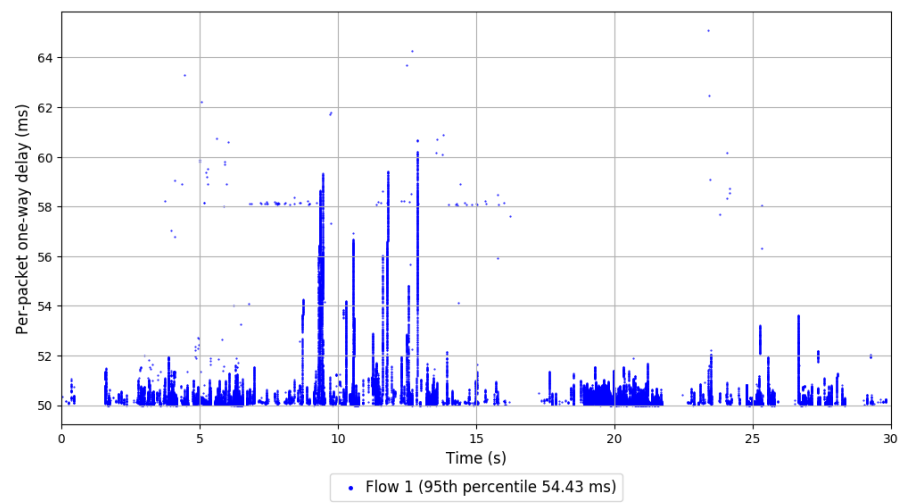
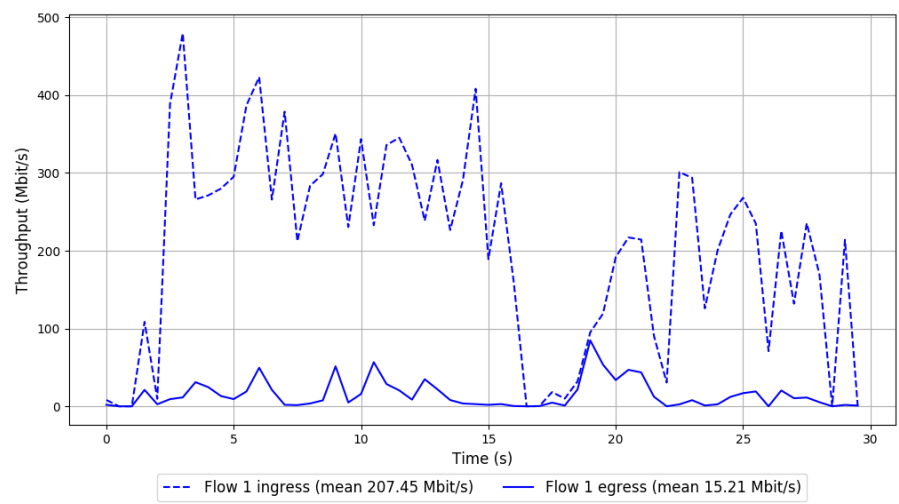
-- Flow 1:

Average throughput: 15.21 Mbit/s

95th percentile per-packet one-way delay: 54.426 ms

Loss rate: 92.67%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Sun, 06 Aug 2017 03:40:09 +0000

End at: Sun, 06 Aug 2017 03:40:39 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.96 Mbit/s

95th percentile per-packet one-way delay: 54.484 ms

Loss rate: 66.72%

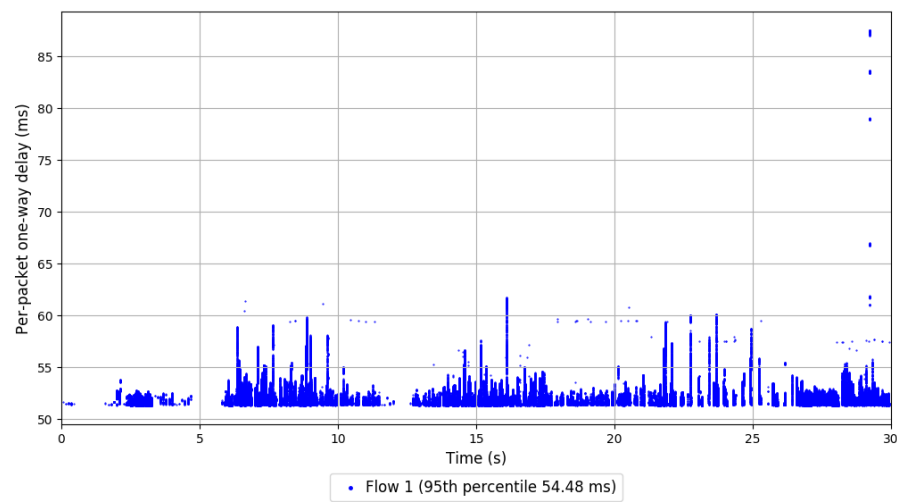
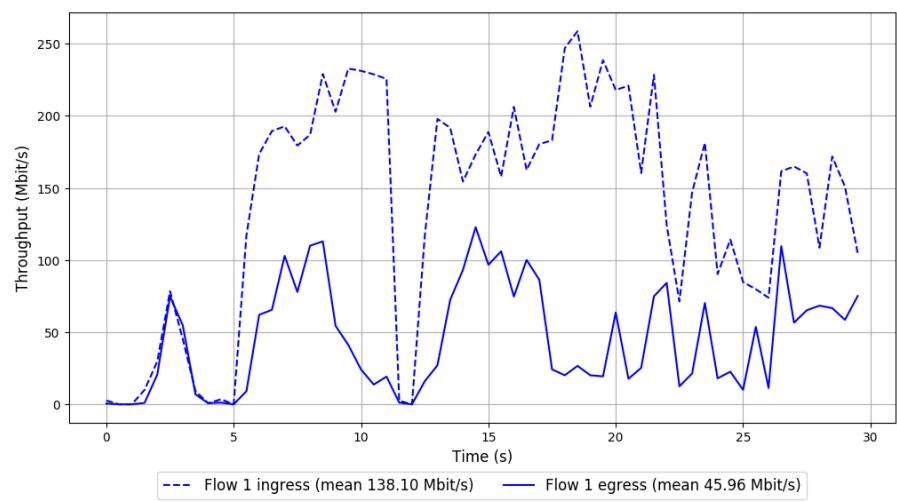
-- Flow 1:

Average throughput: 45.96 Mbit/s

95th percentile per-packet one-way delay: 54.484 ms

Loss rate: 66.72%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 02:10:52 +0000

End at: Sun, 06 Aug 2017 02:11:22 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 49.656 ms

Loss rate: 0.00%

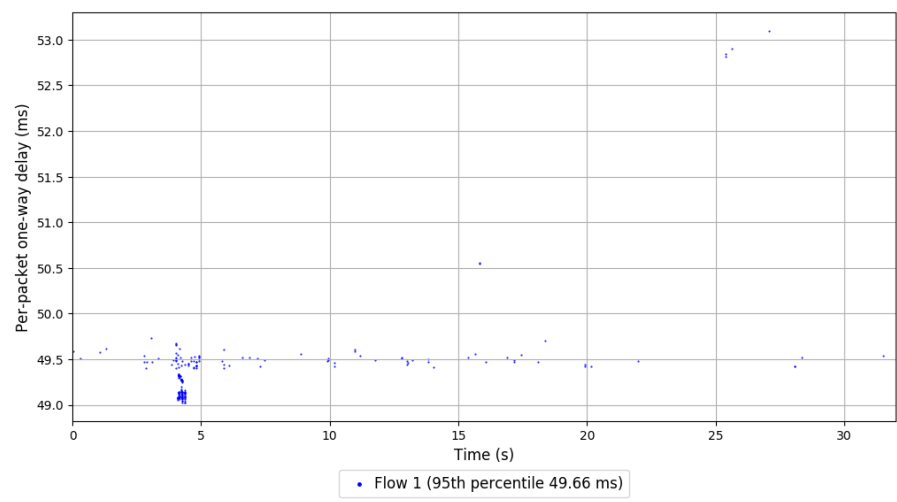
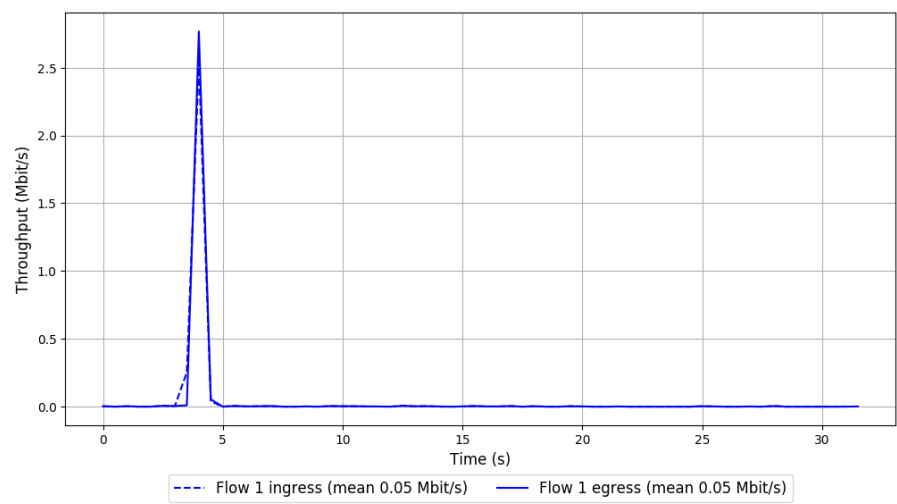
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 49.656 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 02:21:01 +0000

End at: Sun, 06 Aug 2017 02:21:31 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 50.028 ms

Loss rate: 0.00%

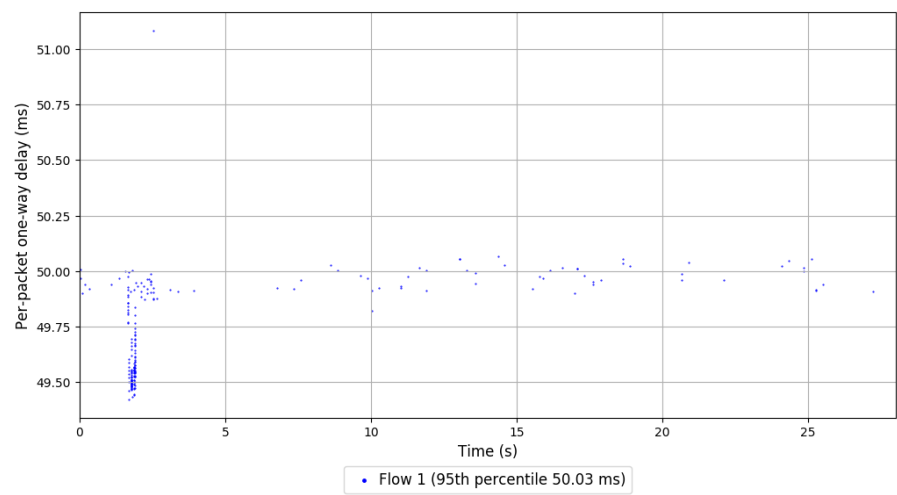
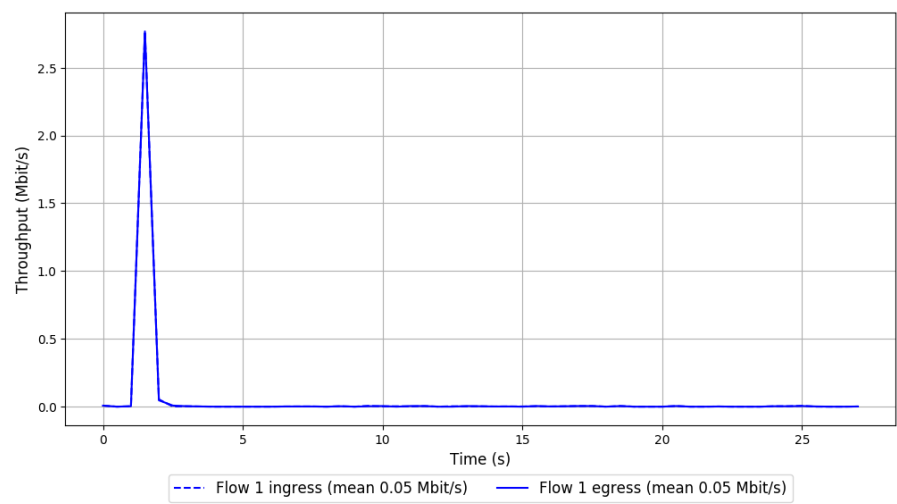
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 50.028 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 02:31:00 +0000

End at: Sun, 06 Aug 2017 02:31:30 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 49.713 ms

Loss rate: 0.00%

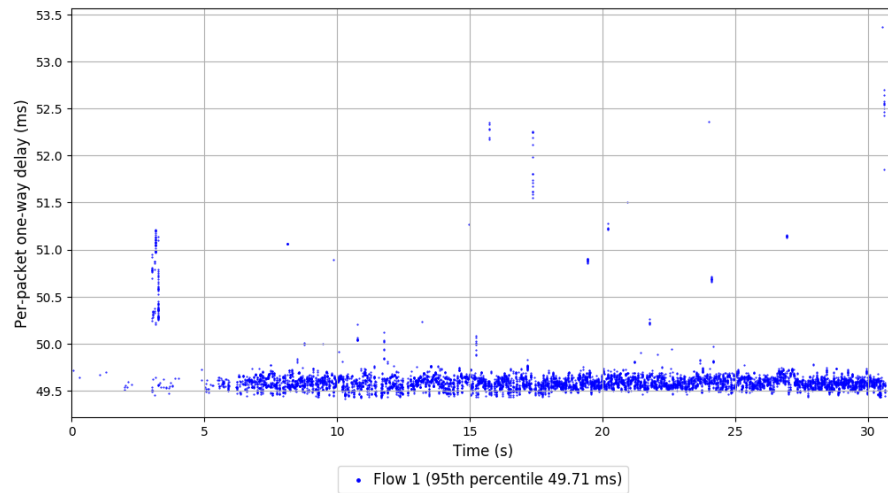
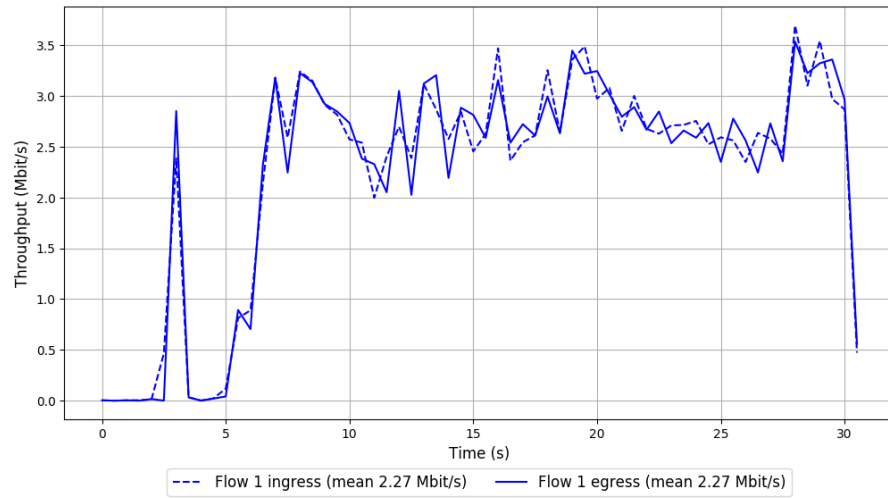
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 49.713 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 02:41:13 +0000

End at: Sun, 06 Aug 2017 02:41:43 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 49.955 ms

Loss rate: 0.00%

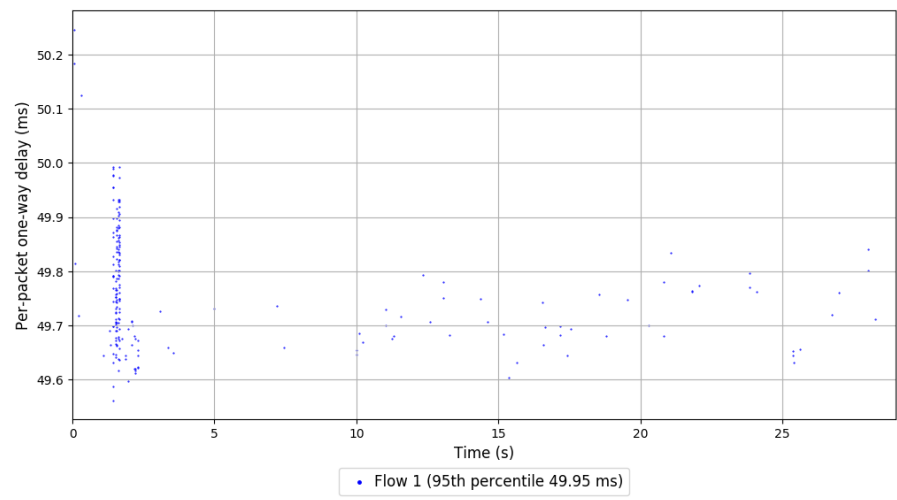
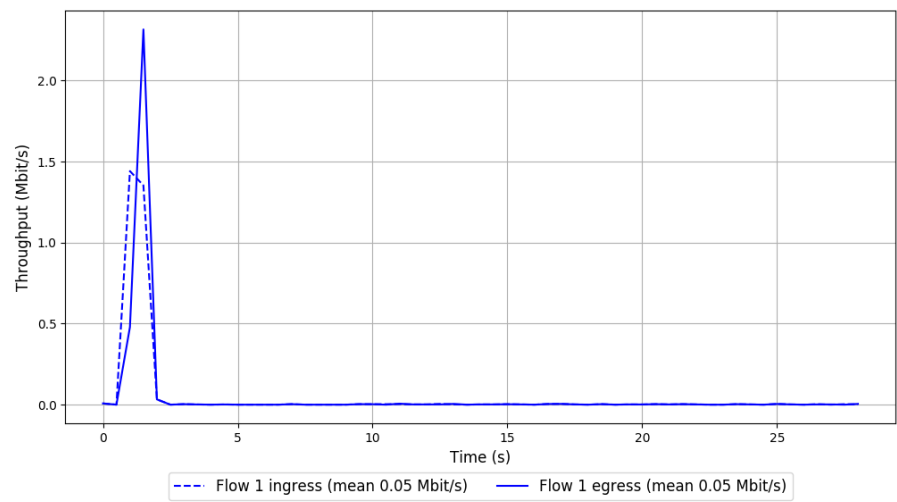
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 49.955 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 02:51:24 +0000

End at: Sun, 06 Aug 2017 02:51:54 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 49.664 ms

Loss rate: 0.00%

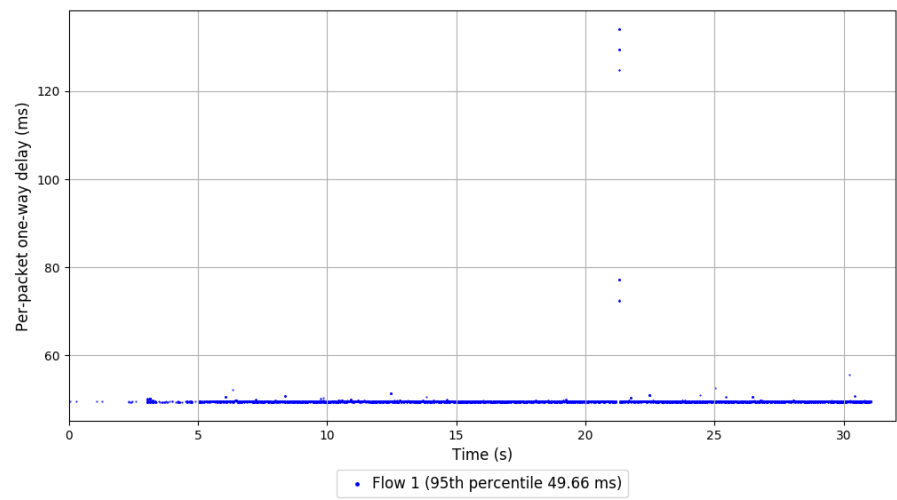
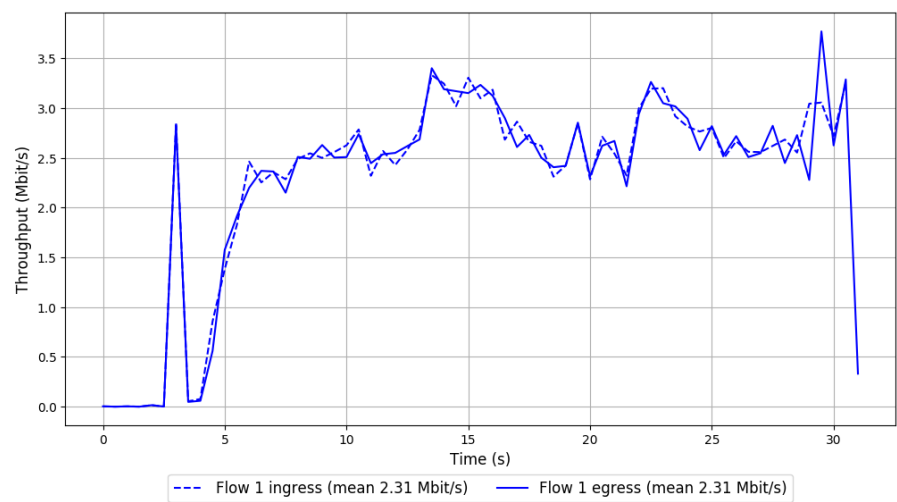
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 49.664 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 03:01:43 +0000

End at: Sun, 06 Aug 2017 03:02:13 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.171 ms

Loss rate: 0.00%

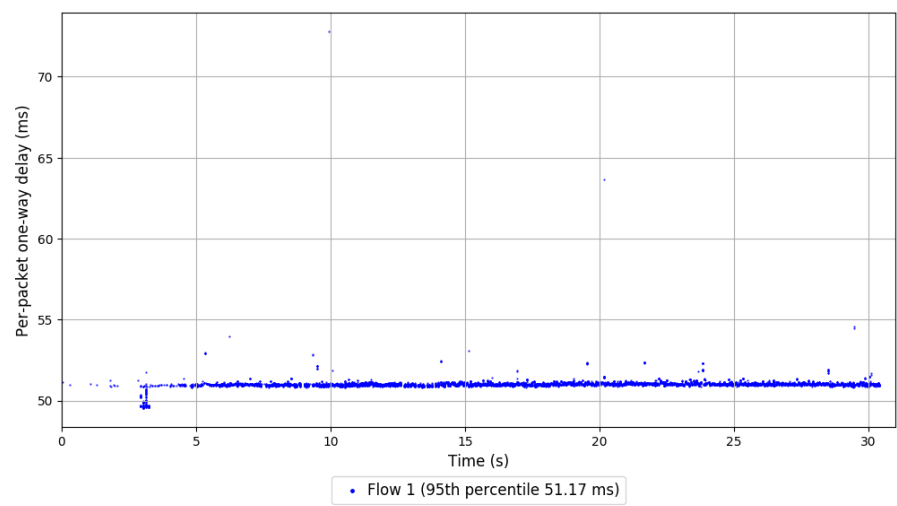
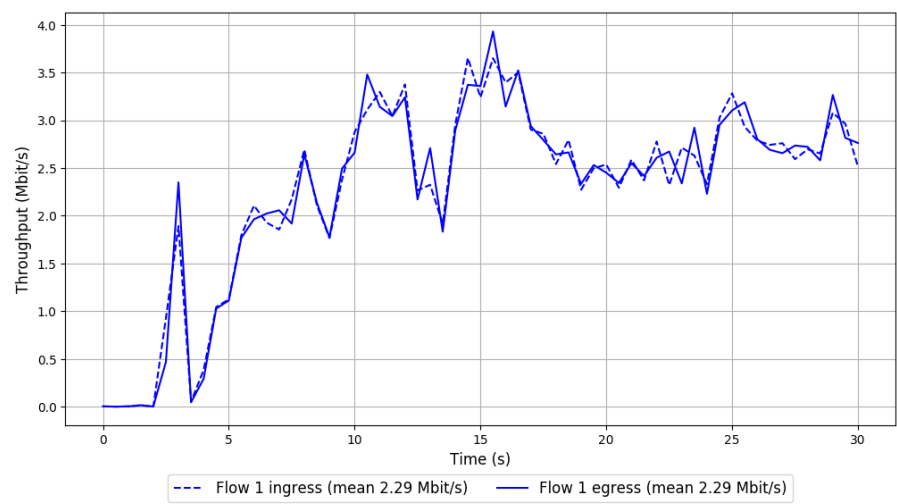
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.171 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 03:12:06 +0000

End at: Sun, 06 Aug 2017 03:12:36 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 50.488 ms

Loss rate: 0.00%

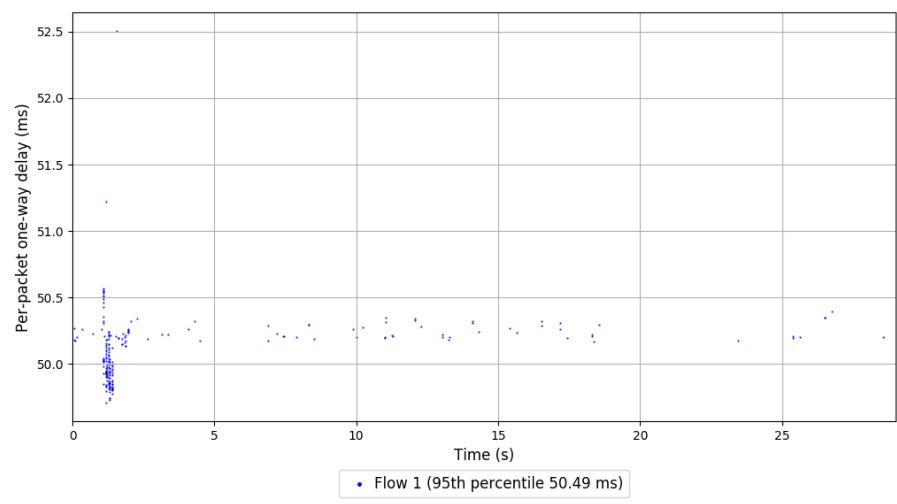
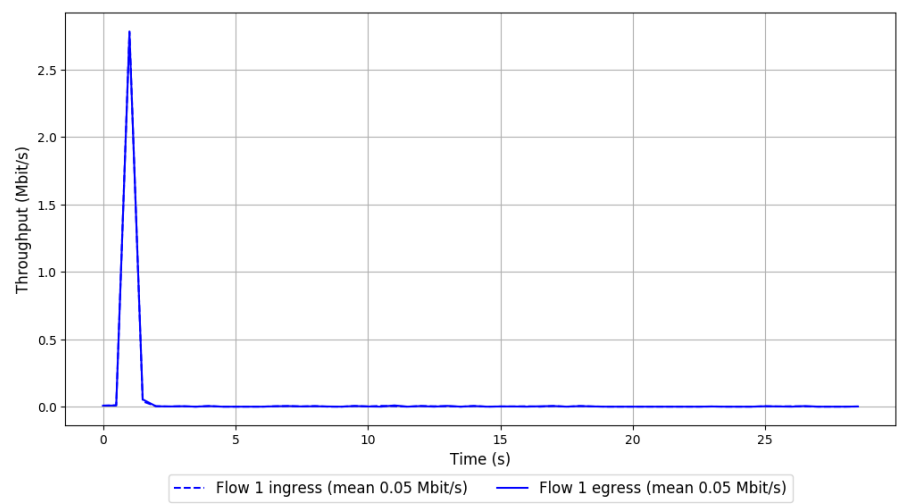
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 50.488 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 03:22:06 +0000

End at: Sun, 06 Aug 2017 03:22:36 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 50.809 ms

Loss rate: 0.00%

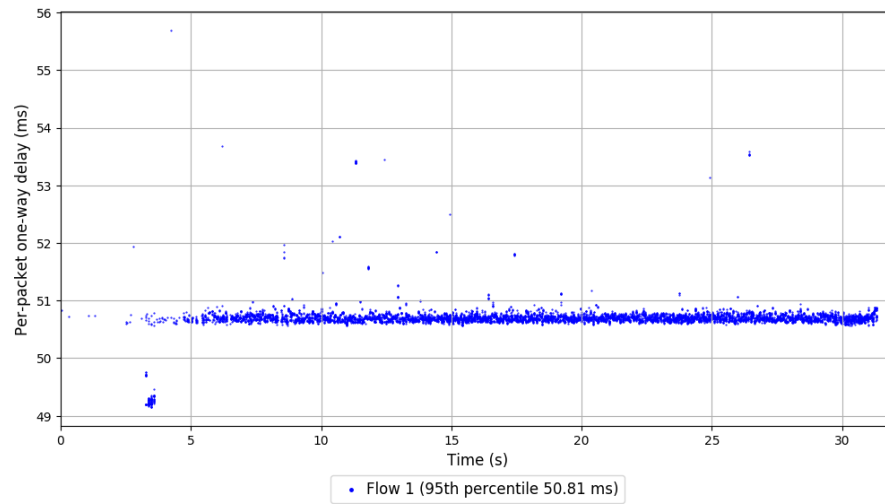
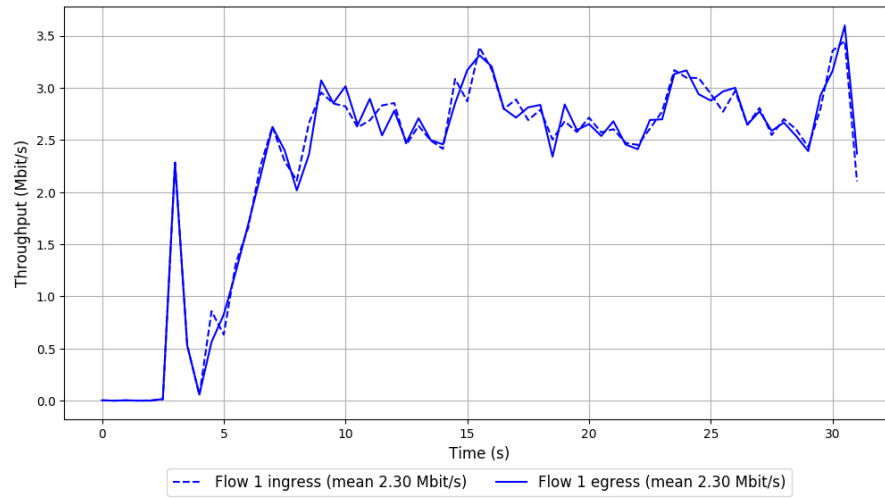
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 50.809 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 03:32:13 +0000

End at: Sun, 06 Aug 2017 03:32:43 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 50.531 ms

Loss rate: 0.00%

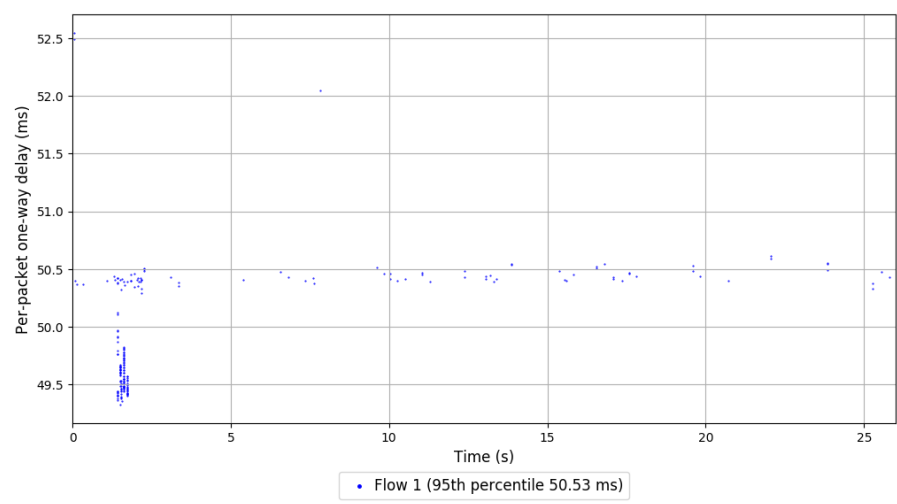
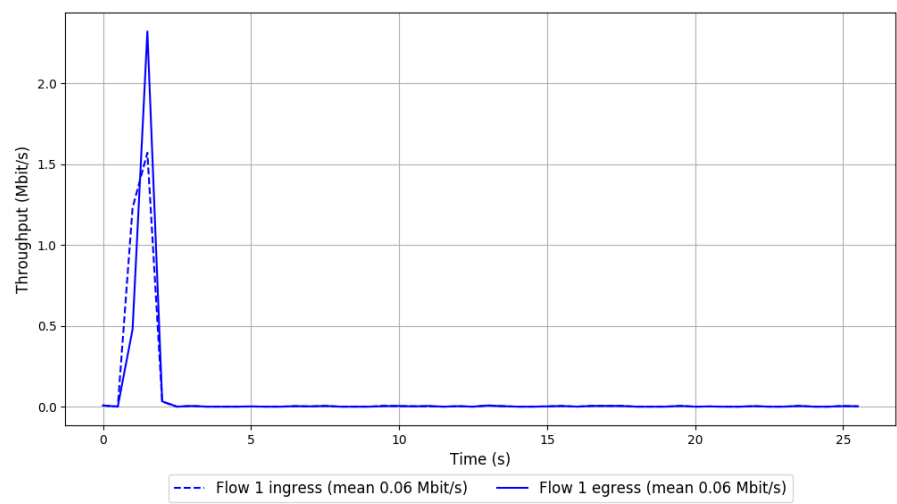
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 50.531 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sun, 06 Aug 2017 03:42:14 +0000

End at: Sun, 06 Aug 2017 03:42:44 +0000

Below is generated by plot.py at Sun, 06 Aug 2017 05:11:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 50.586 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 50.586 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

