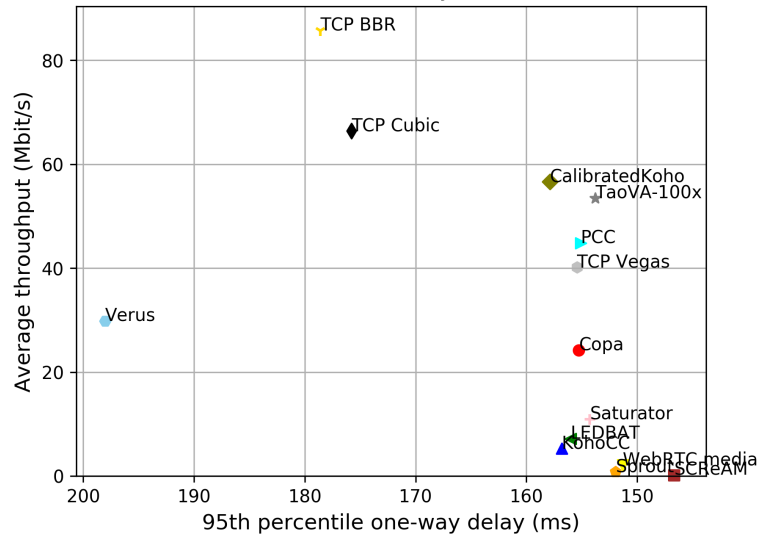


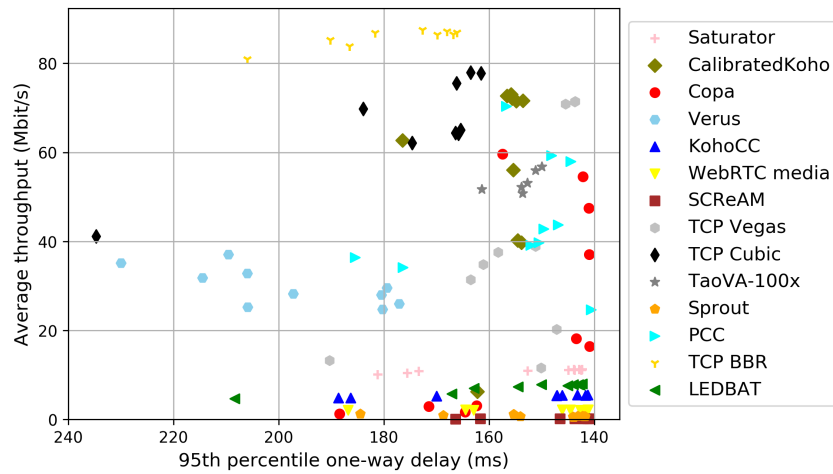
Pantheon Summary (Generated at Tue, 25 Jul 2017 02:48:47 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path: China Ethernet (*remote*) → AWS Korea Ethernet (*local*).
NTP offset measured against ntp.nict.jp and has been applied to correct the timestamps in logs.

```
git branch: master @ 266b116f0817a07d000b4d181ce187fd27d3e654
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from China Ethernet to AWS Korea Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from China Ethernet to AWS Korea 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	85.73	178.63	1.08
CalibratedKoho	10	56.61	157.89	0.77
Copa	10	24.24	155.27	1.09
TCP Cubic	10	66.44	175.78	0.96
KohoCC	10	5.30	156.81	0.75
LEDBAT	10	7.16	156.00	1.45
PCC	10	44.82	155.08	1.22
QUIC Cubic	10	nan	nan	nan
Saturator	10	10.94	154.27	0.73
SCReAM	10	0.21	146.69	0.69
Sprout	10	0.81	151.96	0.85
TaoVA-100x	10	53.45	153.78	1.21
TCP Vegas	10	40.15	155.45	0.83
Verus	10	29.86	198.02	26.60
WebRTC media	10	2.13	151.31	0.66

Run 1: Statistics of TCP BBR

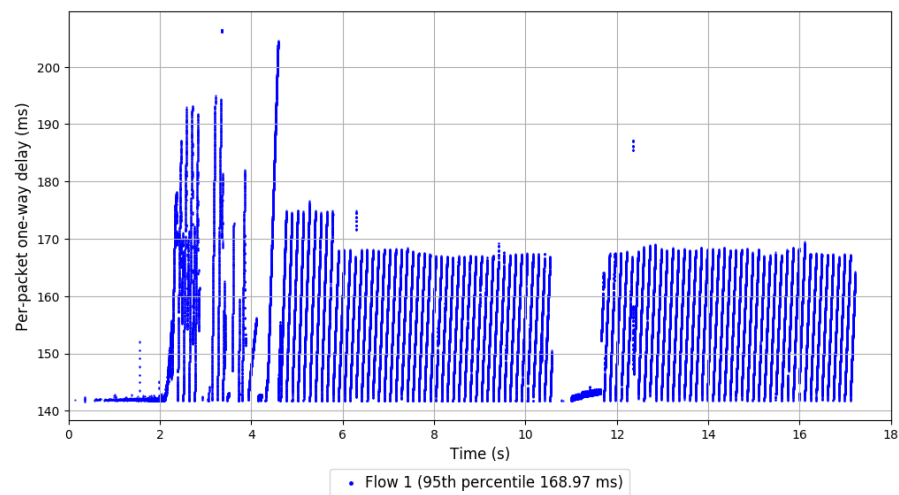
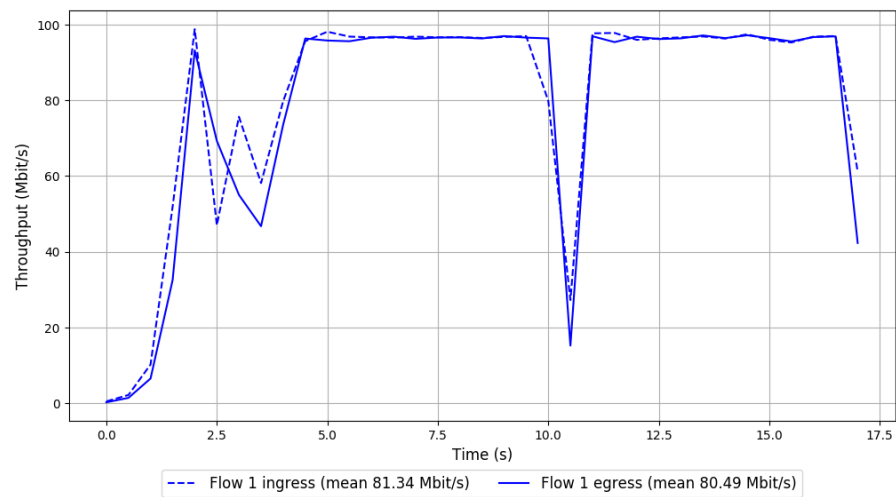
Start at: Mon, 24 Jul 2017 23:21:48 +0000

End at: Mon, 24 Jul 2017 23:22:18 +0000

Local clock offset: 1.202 ms

Remote clock offset: 7.79 ms

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:41:00 +0000

End at: Mon, 24 Jul 2017 23:41:30 +0000

Local clock offset: 0.04 ms

Remote clock offset: 6.263 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 166.791 ms

Loss rate: 1.39%

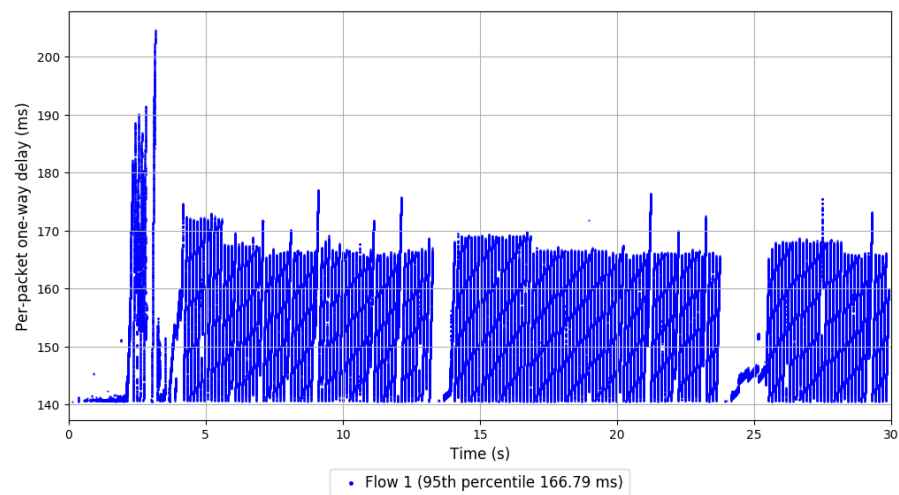
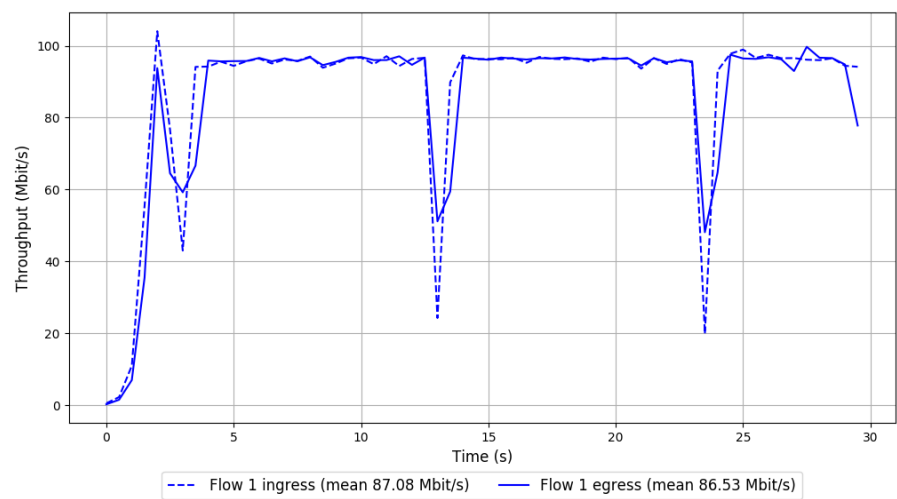
-- Flow 1:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 166.791 ms

Loss rate: 1.39%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:00:20 +0000

End at: Tue, 25 Jul 2017 00:00:50 +0000

Local clock offset: 0.187 ms

Remote clock offset: 4.866 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.90 Mbit/s

95th percentile per-packet one-way delay: 166.082 ms

Loss rate: 1.32%

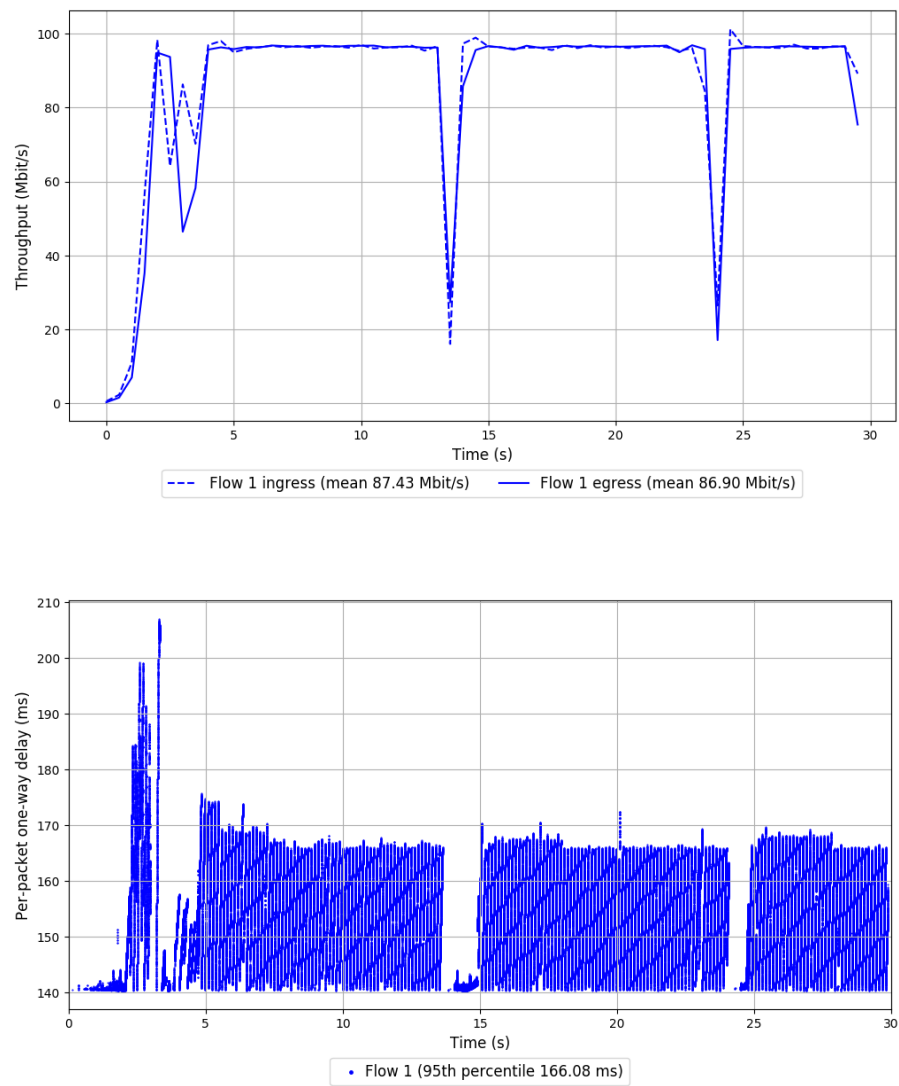
-- Flow 1:

Average throughput: 86.90 Mbit/s

95th percentile per-packet one-way delay: 166.082 ms

Loss rate: 1.32%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:19:29 +0000

End at: Tue, 25 Jul 2017 00:19:59 +0000

Local clock offset: 0.154 ms

Remote clock offset: 0.136 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 167.988 ms

Loss rate: 0.92%

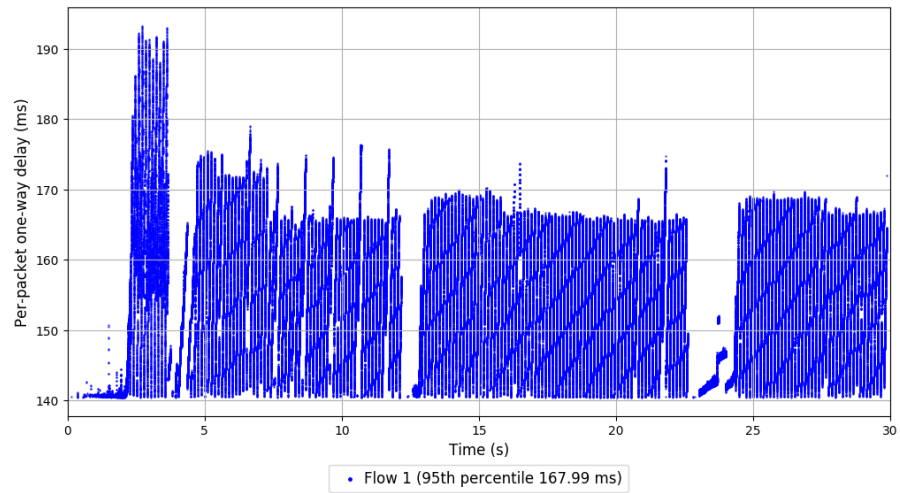
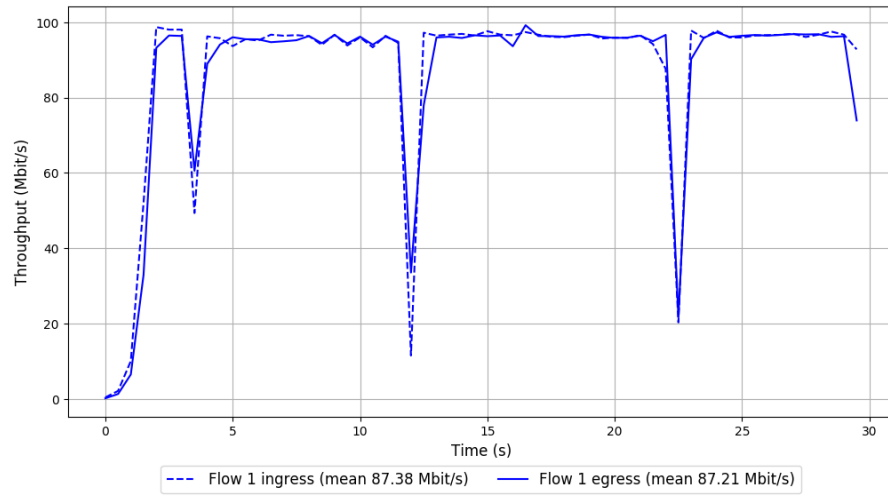
-- Flow 1:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 167.988 ms

Loss rate: 0.92%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:38:39 +0000

End at: Tue, 25 Jul 2017 00:39:09 +0000

Local clock offset: 1.562 ms

Remote clock offset: 0.759 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:42:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 169.837 ms

Loss rate: 1.04%

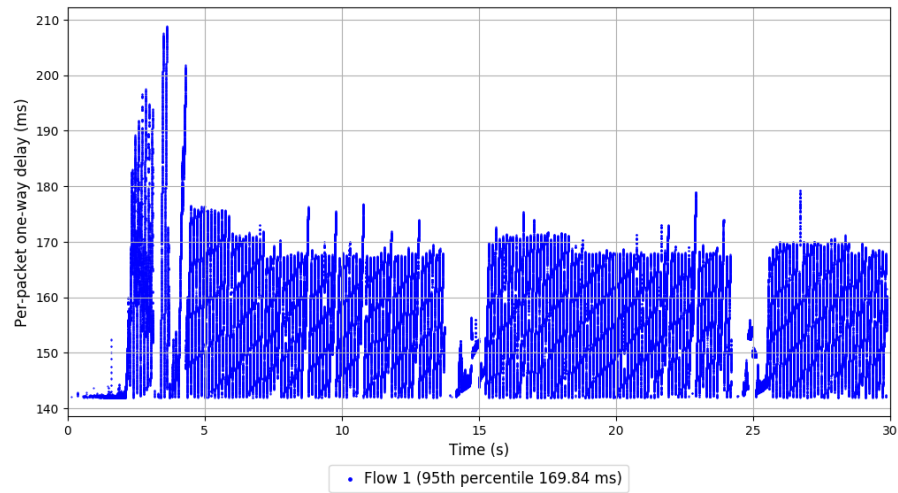
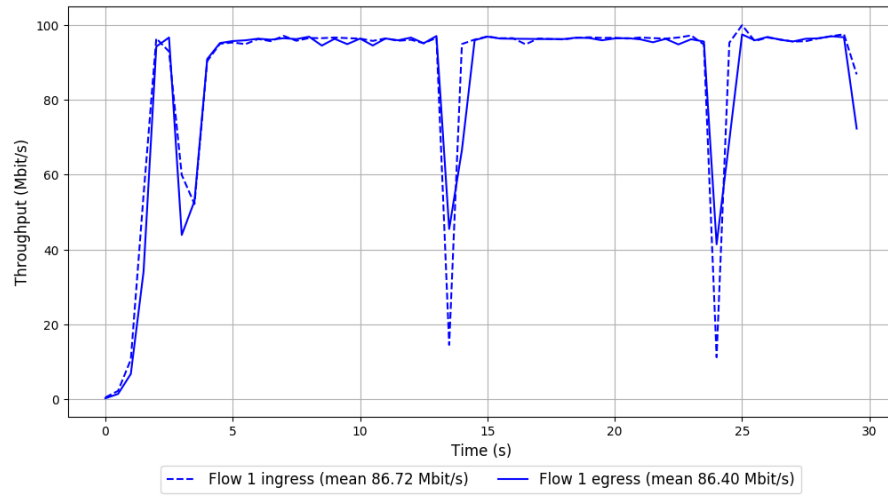
-- Flow 1:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 169.837 ms

Loss rate: 1.04%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:57:40 +0000

End at: Tue, 25 Jul 2017 00:58:10 +0000

Local clock offset: 1.593 ms

Remote clock offset: -0.189 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.54 Mbit/s

95th percentile per-packet one-way delay: 172.668 ms

Loss rate: 0.90%

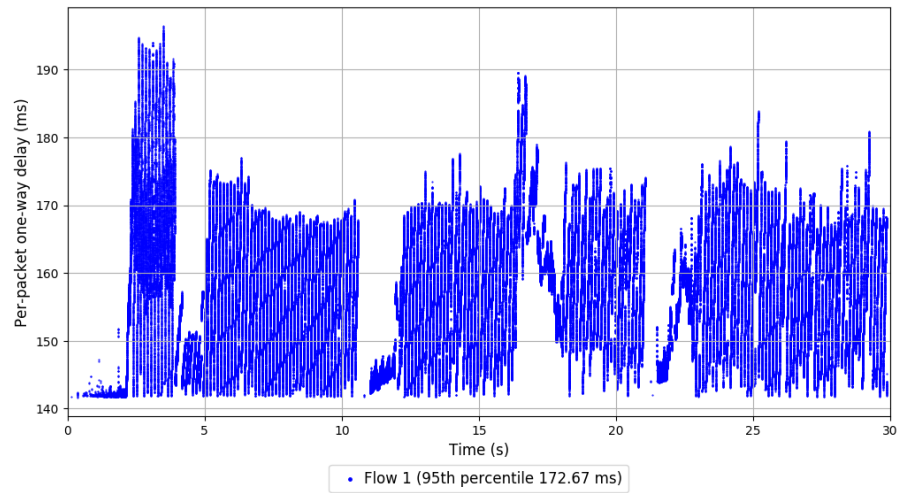
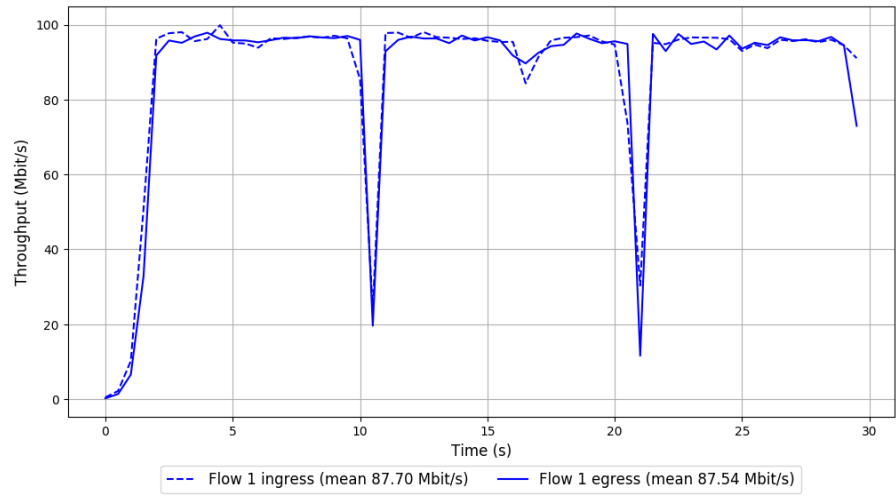
-- Flow 1:

Average throughput: 87.54 Mbit/s

95th percentile per-packet one-way delay: 172.668 ms

Loss rate: 0.90%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:16:44 +0000

End at: Tue, 25 Jul 2017 01:17:14 +0000

Local clock offset: 0.516 ms

Remote clock offset: -0.005 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.85 Mbit/s

95th percentile per-packet one-way delay: 181.638 ms

Loss rate: 0.89%

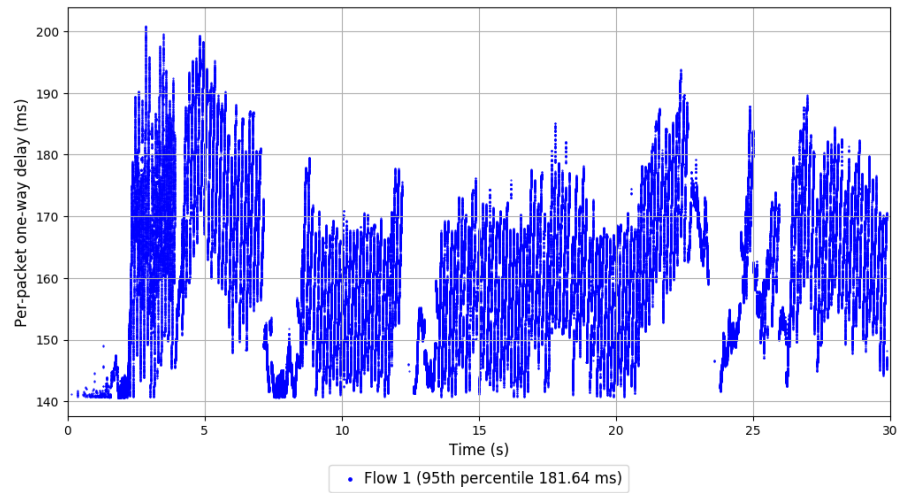
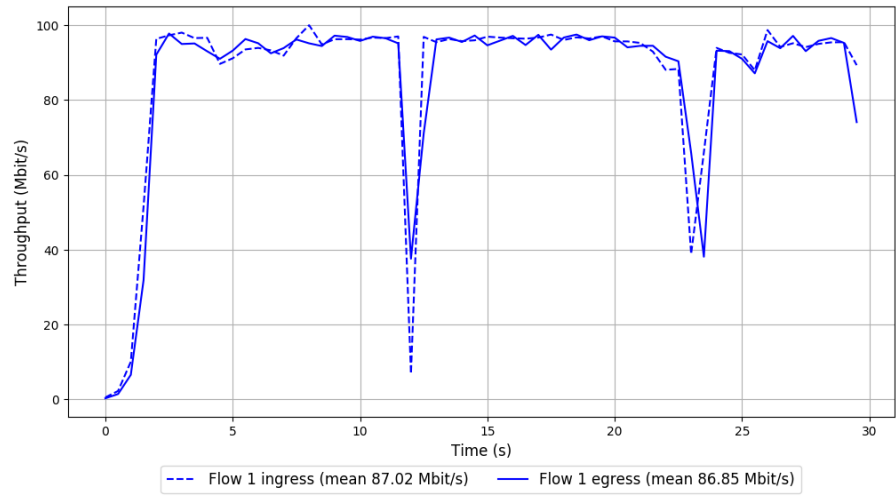
-- Flow 1:

Average throughput: 86.85 Mbit/s

95th percentile per-packet one-way delay: 181.638 ms

Loss rate: 0.89%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:35:42 +0000

End at: Tue, 25 Jul 2017 01:36:12 +0000

Local clock offset: 0.581 ms

Remote clock offset: -4.742 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 190.155 ms

Loss rate: 0.86%

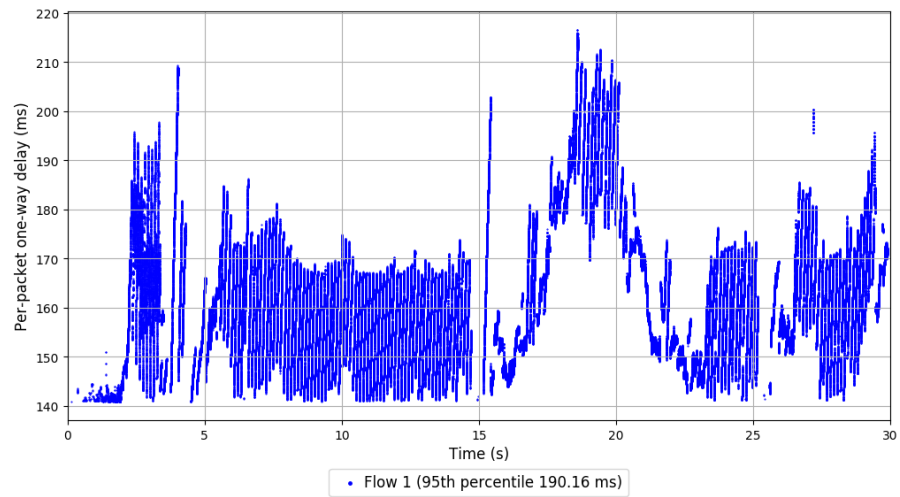
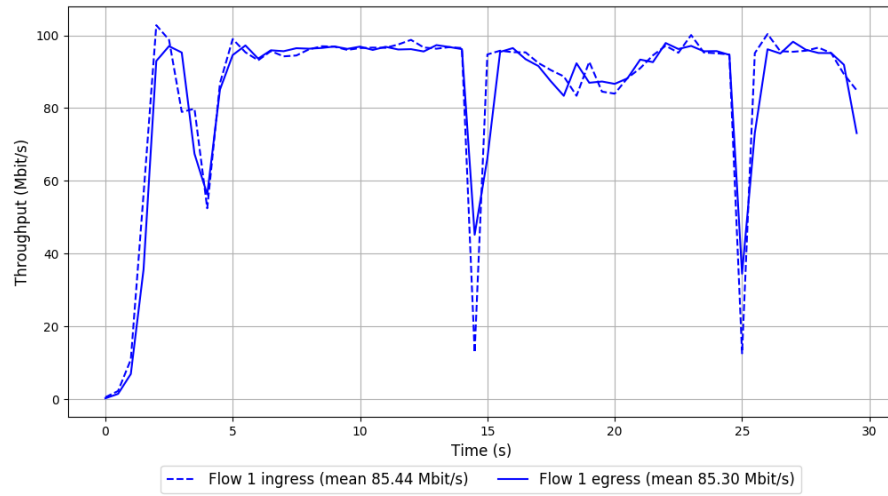
-- Flow 1:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 190.155 ms

Loss rate: 0.86%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:54:48 +0000

End at: Tue, 25 Jul 2017 01:55:18 +0000

Local clock offset: 0.461 ms

Remote clock offset: -0.306 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.90 Mbit/s

95th percentile per-packet one-way delay: 186.523 ms

Loss rate: 1.45%

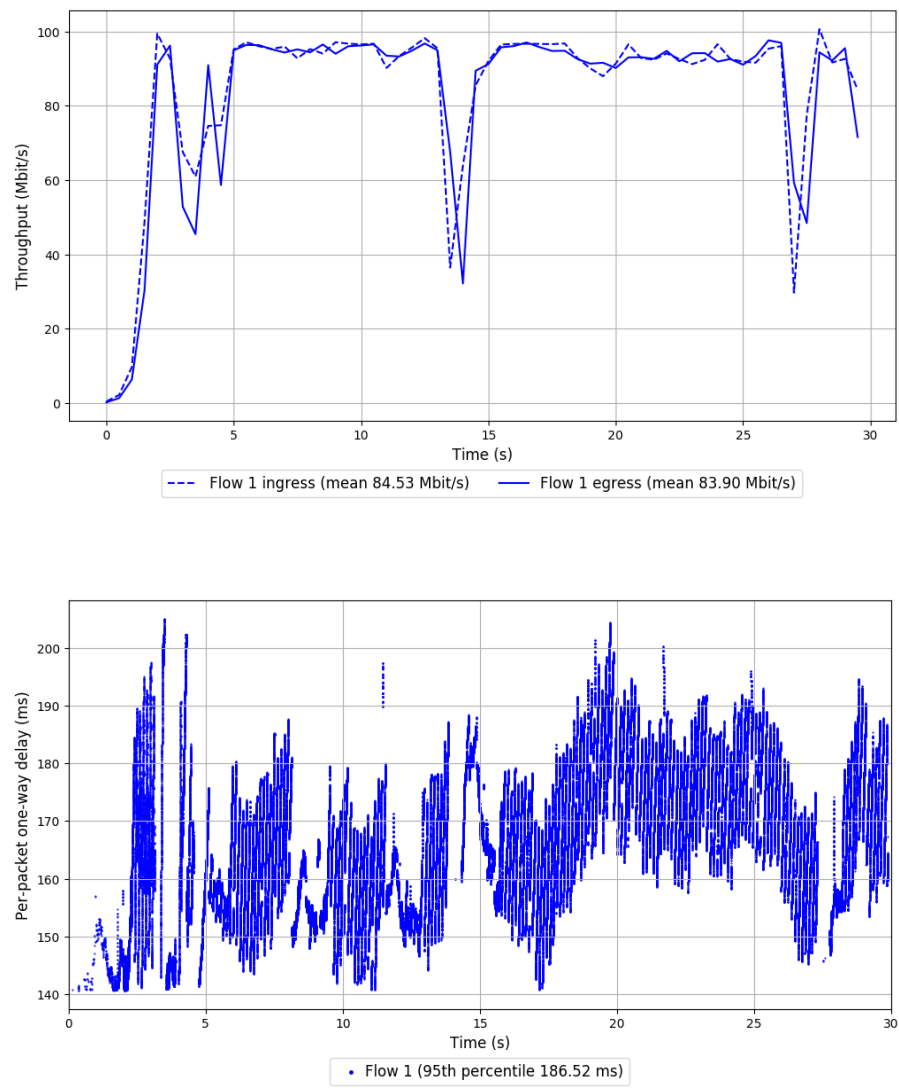
-- Flow 1:

Average throughput: 83.90 Mbit/s

95th percentile per-packet one-way delay: 186.523 ms

Loss rate: 1.45%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 02:13:51 +0000

End at: Tue, 25 Jul 2017 02:14:21 +0000

Local clock offset: 1.747 ms

Remote clock offset: 0.066 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 205.962 ms

Loss rate: 0.92%

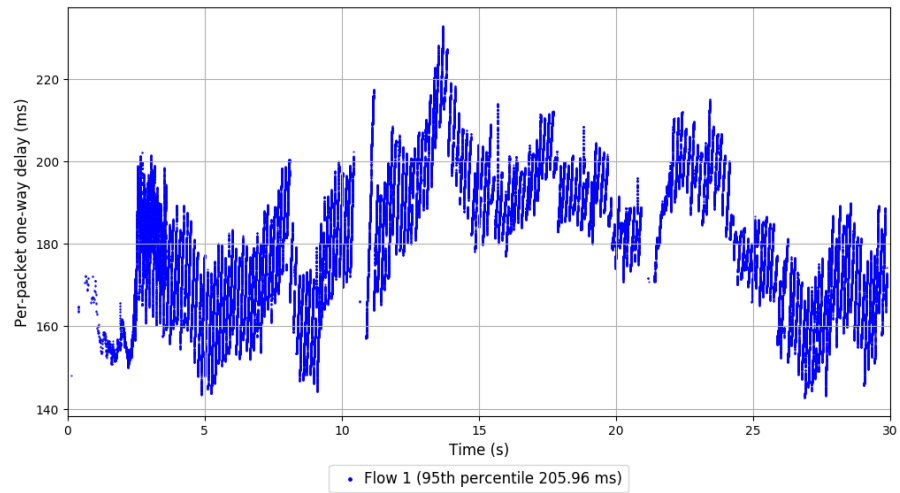
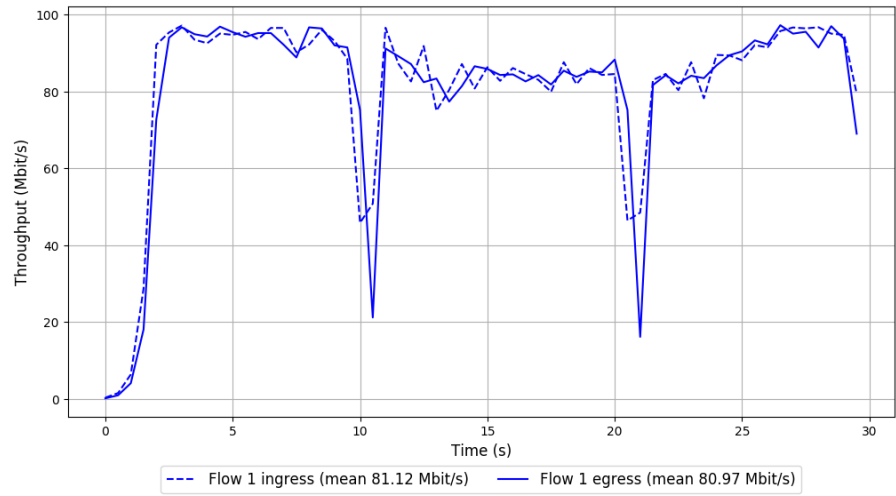
-- Flow 1:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 205.962 ms

Loss rate: 0.92%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:20:27 +0000

End at: Mon, 24 Jul 2017 23:20:57 +0000

Local clock offset: 1.271 ms

Remote clock offset: 7.735 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.07 Mbit/s

95th percentile per-packet one-way delay: 155.839 ms

Loss rate: 1.04%

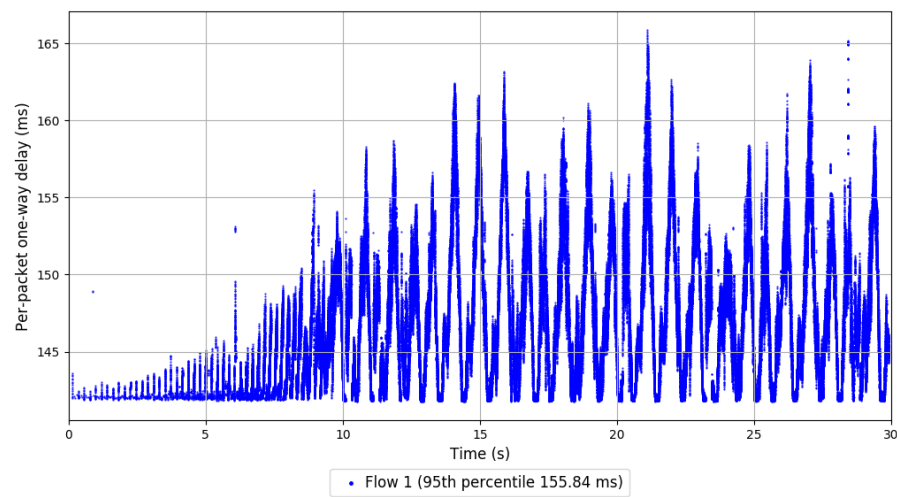
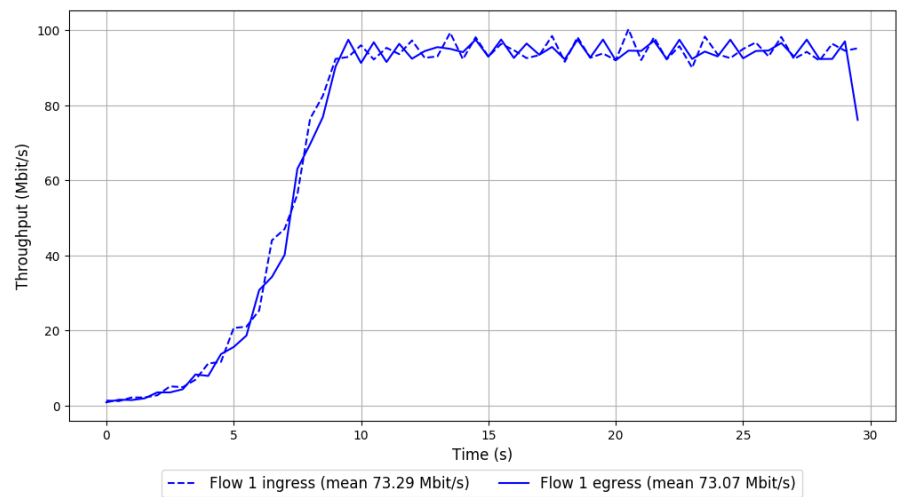
-- Flow 1:

Average throughput: 73.07 Mbit/s

95th percentile per-packet one-way delay: 155.839 ms

Loss rate: 1.04%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:39:39 +0000

End at: Mon, 24 Jul 2017 23:40:09 +0000

Local clock offset: 1.361 ms

Remote clock offset: 6.364 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 156.600 ms

Loss rate: 0.95%

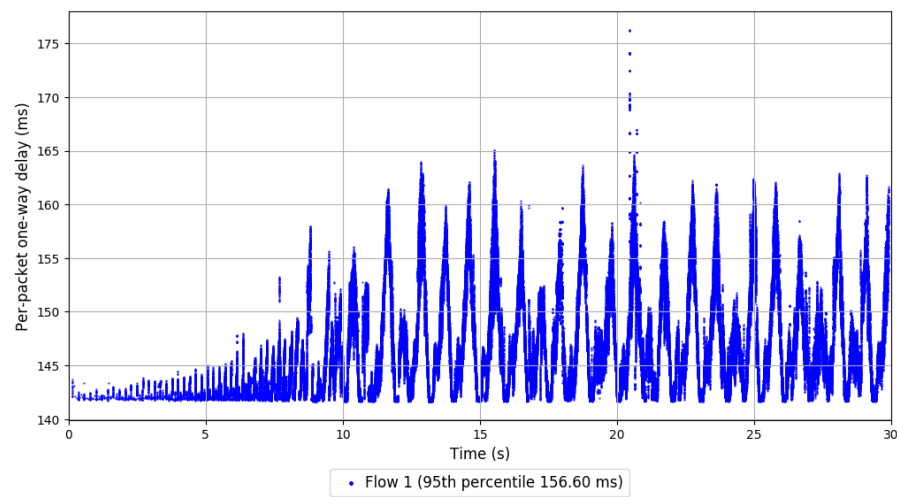
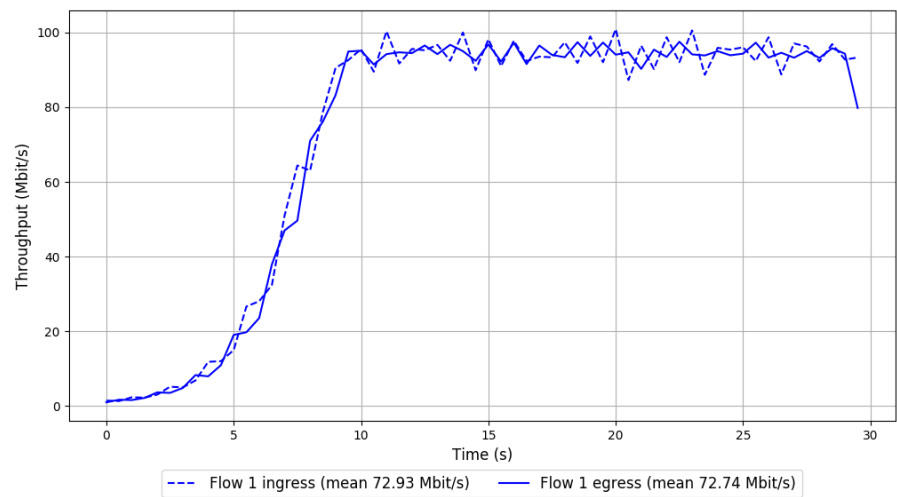
-- Flow 1:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 156.600 ms

Loss rate: 0.95%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:59:00 +0000

End at: Mon, 24 Jul 2017 23:59:30 +0000

Local clock offset: 1.369 ms

Remote clock offset: 4.971 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.54 Mbit/s

95th percentile per-packet one-way delay: 154.830 ms

Loss rate: 0.94%

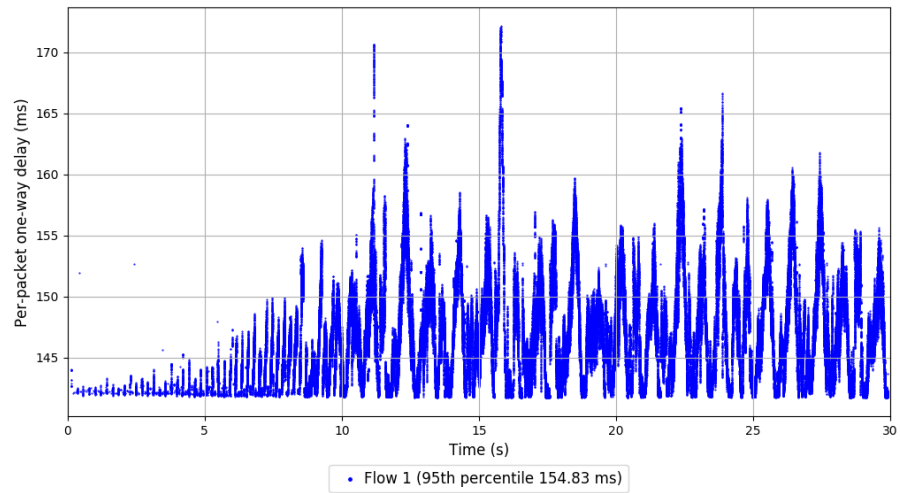
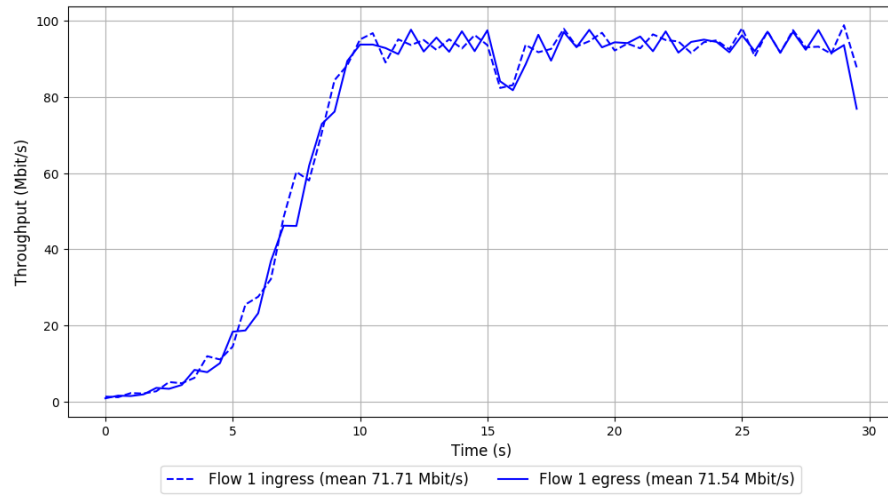
-- Flow 1:

Average throughput: 71.54 Mbit/s

95th percentile per-packet one-way delay: 154.830 ms

Loss rate: 0.94%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:18:09 +0000

End at: Tue, 25 Jul 2017 00:18:39 +0000

Local clock offset: 0.175 ms

Remote clock offset: 0.225 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.73 Mbit/s

95th percentile per-packet one-way delay: 176.468 ms

Loss rate: 0.12%

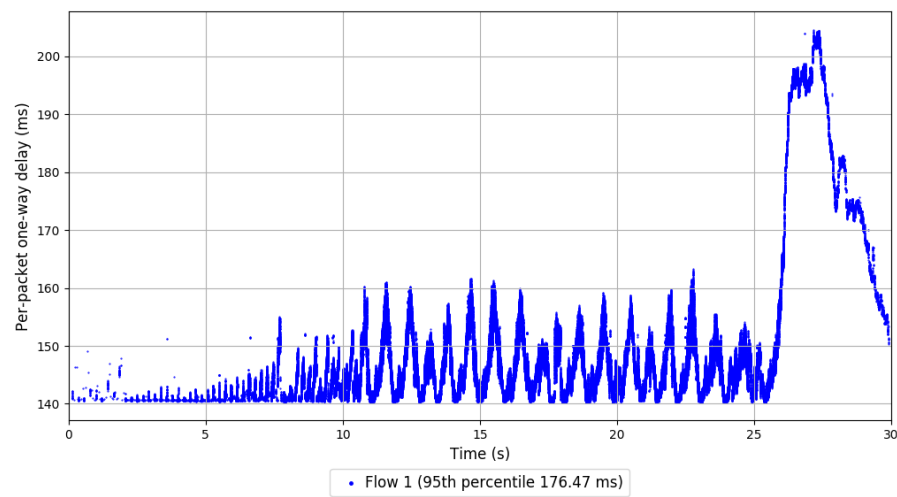
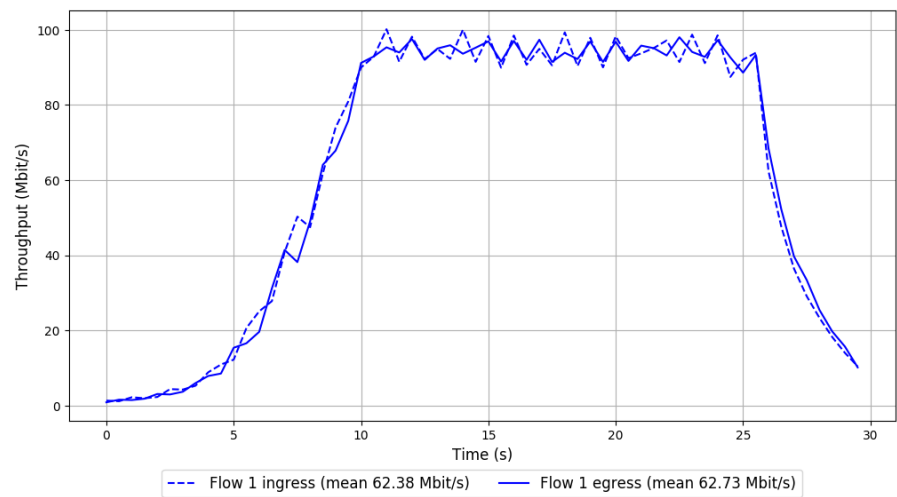
-- Flow 1:

Average throughput: 62.73 Mbit/s

95th percentile per-packet one-way delay: 176.468 ms

Loss rate: 0.12%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:37:19 +0000

End at: Tue, 25 Jul 2017 00:37:49 +0000

Local clock offset: 1.637 ms

Remote clock offset: 0.867 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.13 Mbit/s

95th percentile per-packet one-way delay: 155.615 ms

Loss rate: 0.98%

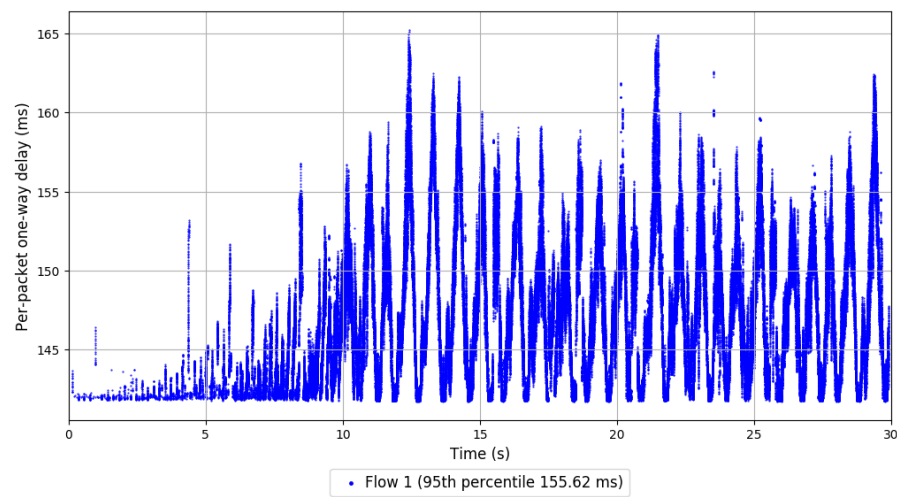
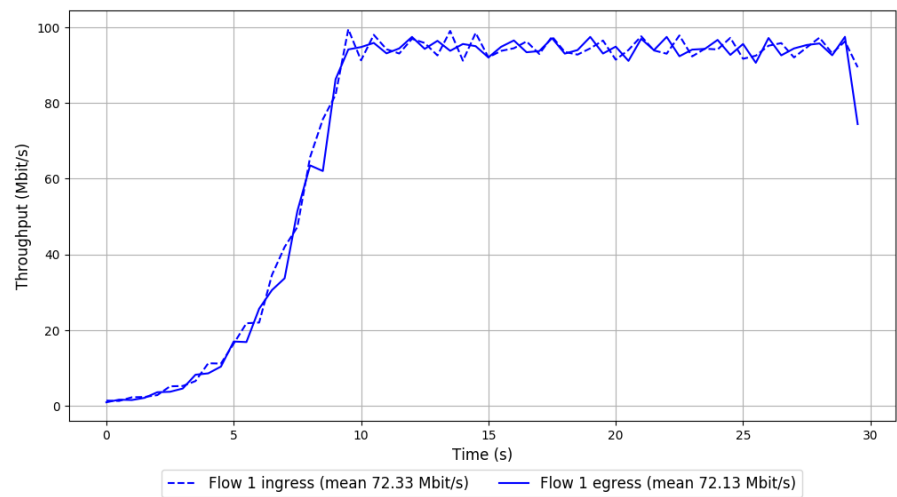
-- Flow 1:

Average throughput: 72.13 Mbit/s

95th percentile per-packet one-way delay: 155.615 ms

Loss rate: 0.98%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:56:20 +0000

End at: Tue, 25 Jul 2017 00:56:50 +0000

Local clock offset: 0.381 ms

Remote clock offset: -0.368 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.59 Mbit/s

95th percentile per-packet one-way delay: 153.593 ms

Loss rate: 0.94%

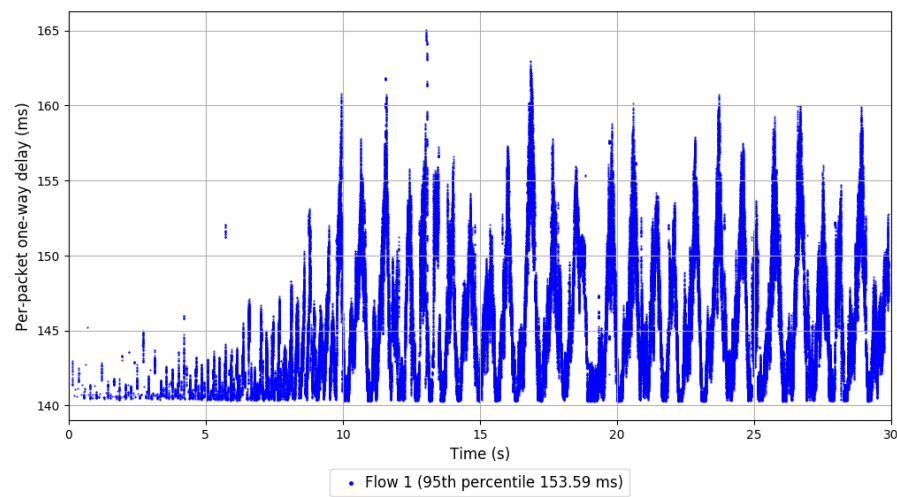
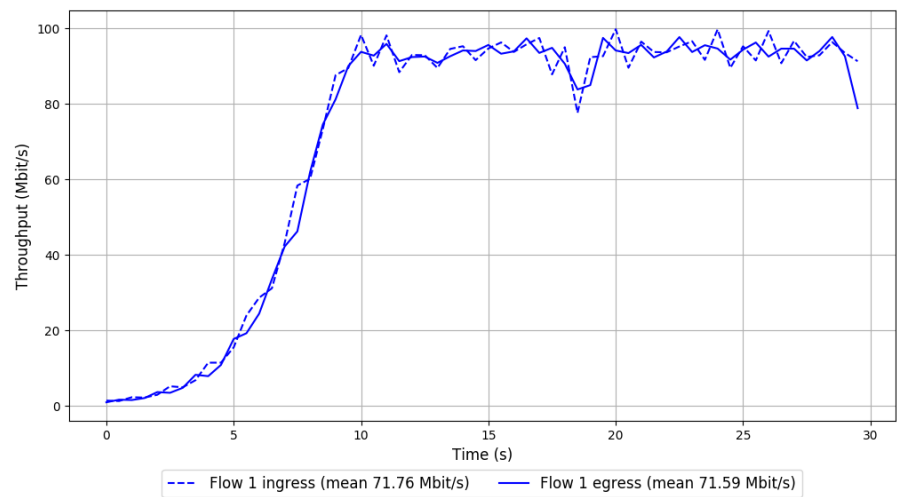
-- Flow 1:

Average throughput: 71.59 Mbit/s

95th percentile per-packet one-way delay: 153.593 ms

Loss rate: 0.94%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 01:15:25 +0000

End at: Tue, 25 Jul 2017 01:15:55 +0000

Local clock offset: 1.744 ms

Remote clock offset: -0.252 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:43:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.09 Mbit/s

95th percentile per-packet one-way delay: 155.388 ms

Loss rate: 0.80%

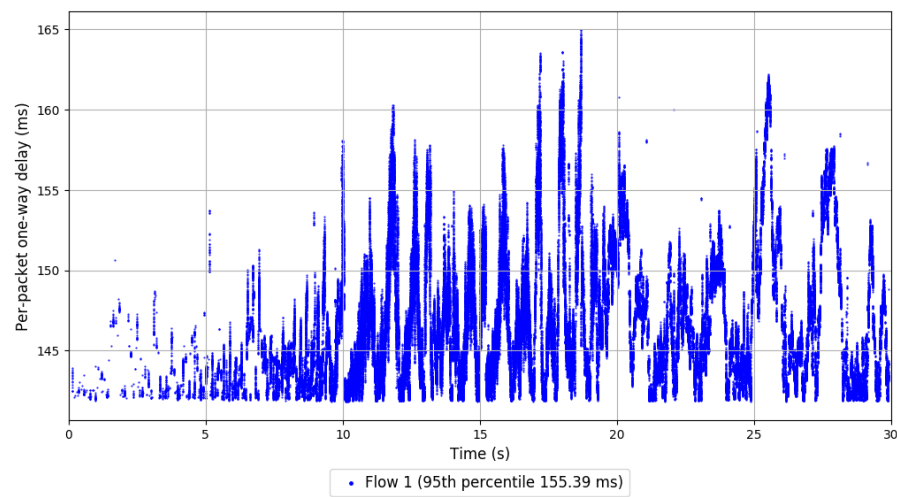
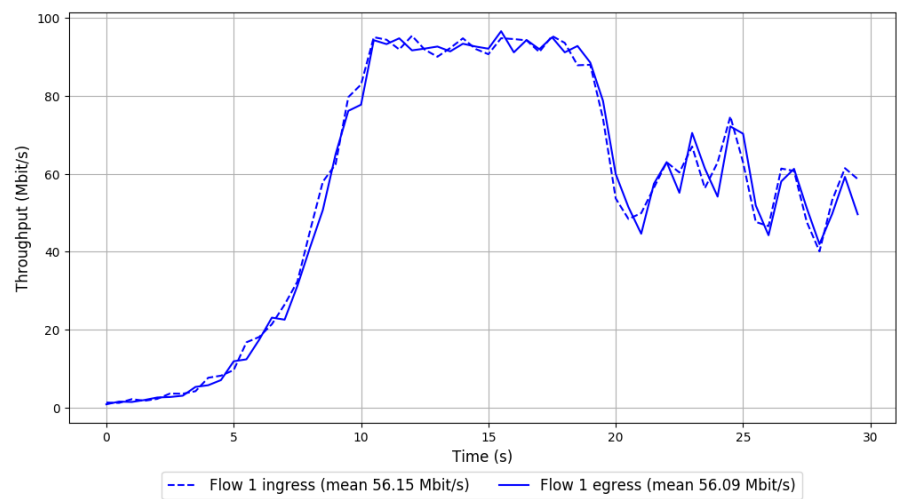
-- Flow 1:

Average throughput: 56.09 Mbit/s

95th percentile per-packet one-way delay: 155.388 ms

Loss rate: 0.80%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 01:34:25 +0000

End at: Tue, 25 Jul 2017 01:34:55 +0000

Local clock offset: 0.58 ms

Remote clock offset: -5.748 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.74 Mbit/s

95th percentile per-packet one-way delay: 153.845 ms

Loss rate: 1.77%

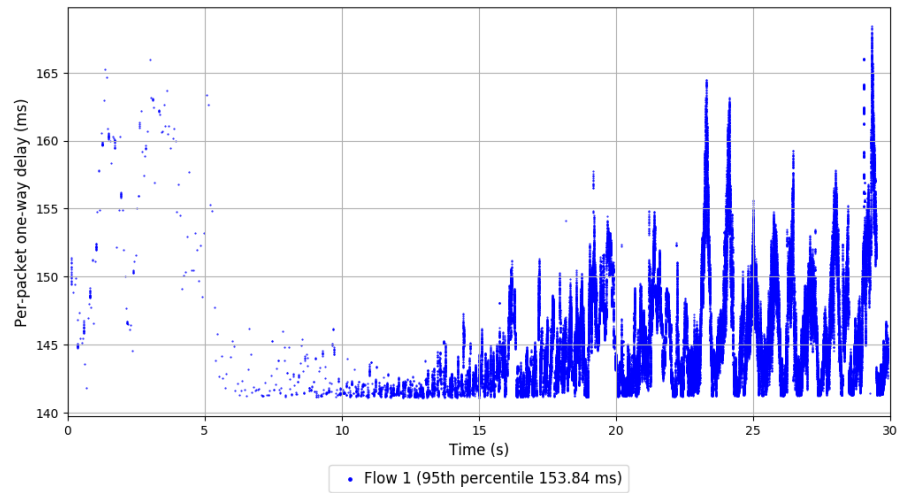
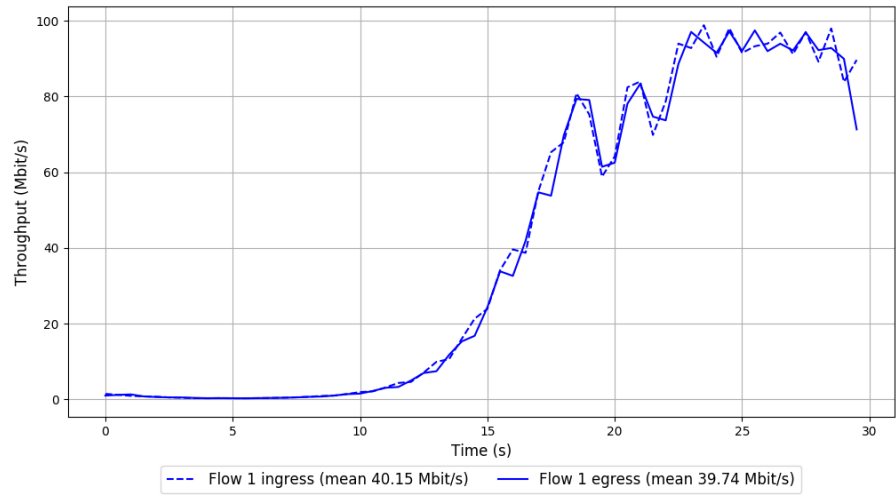
-- Flow 1:

Average throughput: 39.74 Mbit/s

95th percentile per-packet one-way delay: 153.845 ms

Loss rate: 1.77%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 01:53:30 +0000

End at: Tue, 25 Jul 2017 01:54:00 +0000

Local clock offset: -0.074 ms

Remote clock offset: -0.322 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.21 Mbit/s

95th percentile per-packet one-way delay: 154.520 ms

Loss rate: 0.04%

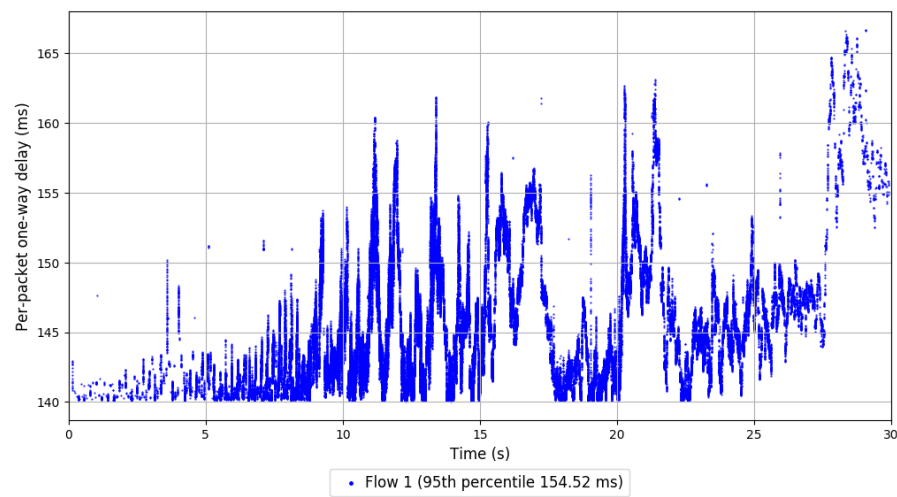
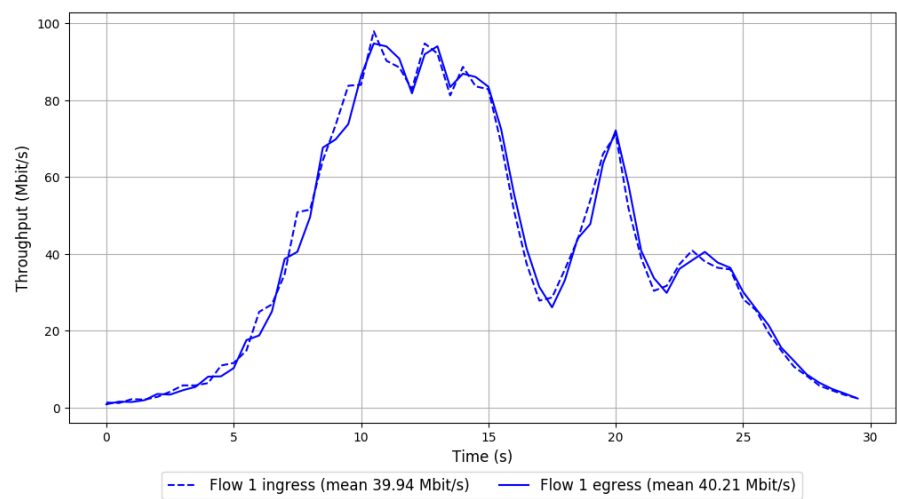
-- Flow 1:

Average throughput: 40.21 Mbit/s

95th percentile per-packet one-way delay: 154.520 ms

Loss rate: 0.04%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 02:12:35 +0000

End at: Tue, 25 Jul 2017 02:13:05 +0000

Local clock offset: 0.517 ms

Remote clock offset: 0.041 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.29 Mbit/s

95th percentile per-packet one-way delay: 162.210 ms

Loss rate: 0.12%

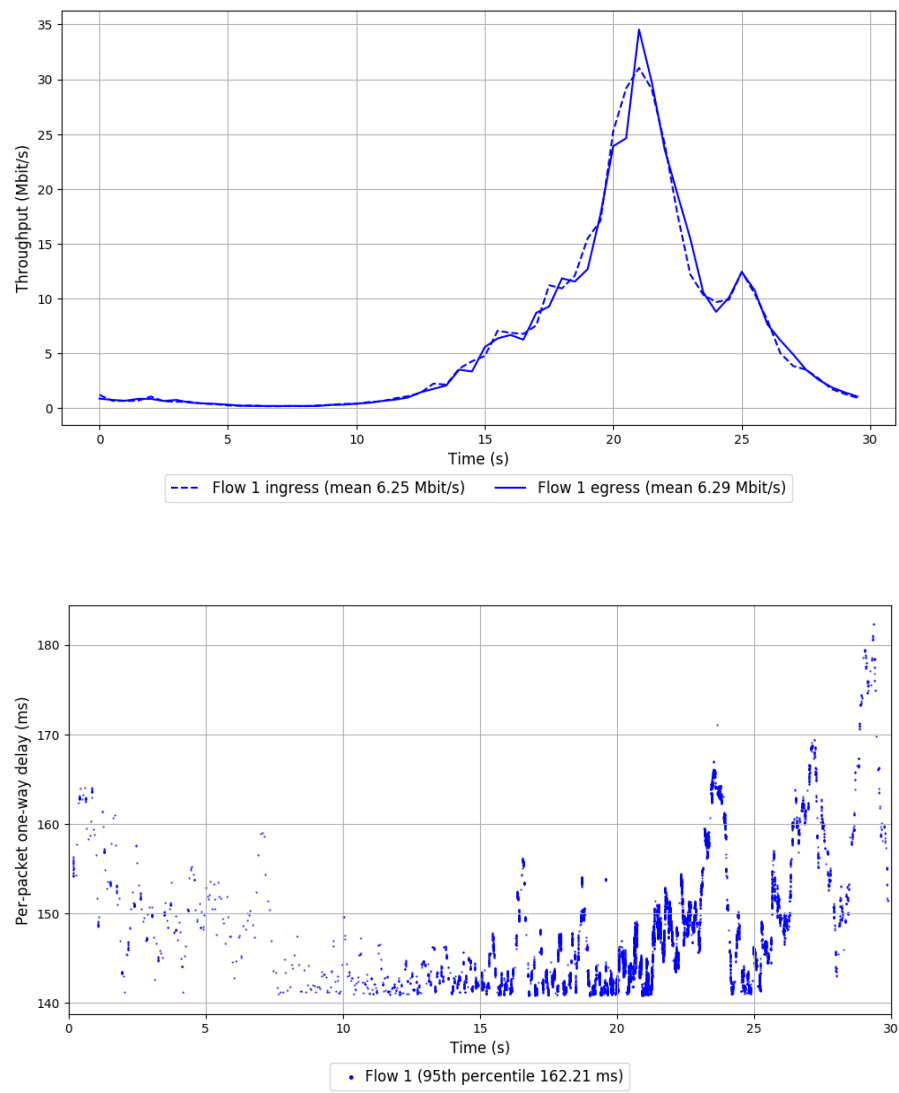
-- Flow 1:

Average throughput: 6.29 Mbit/s

95th percentile per-packet one-way delay: 162.210 ms

Loss rate: 0.12%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:29:28 +0000

End at: Mon, 24 Jul 2017 23:29:58 +0000

Local clock offset: 1.331 ms

Remote clock offset: 7.146 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.58 Mbit/s

95th percentile per-packet one-way delay: 142.149 ms

Loss rate: 0.73%

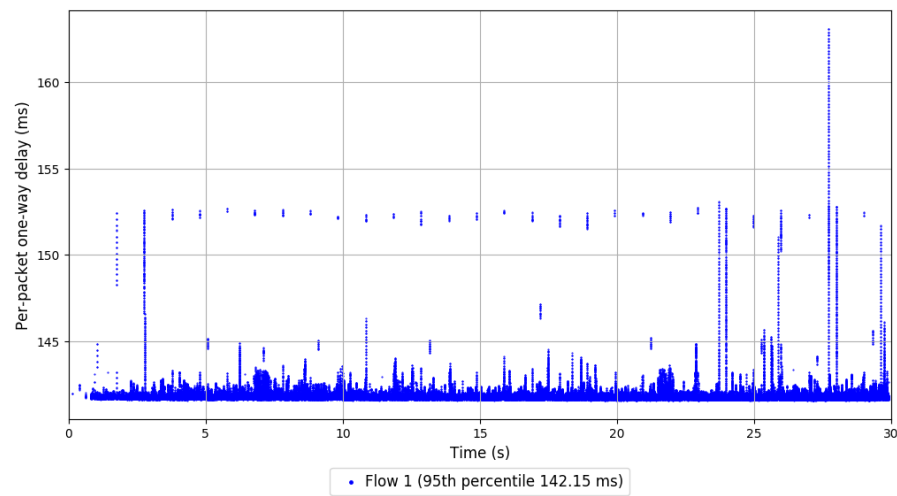
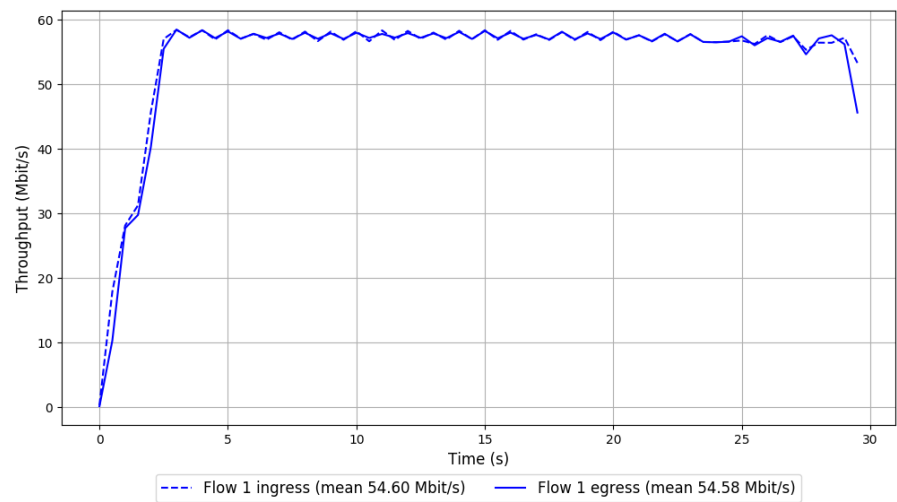
-- Flow 1:

Average throughput: 54.58 Mbit/s

95th percentile per-packet one-way delay: 142.149 ms

Loss rate: 0.73%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:48:51 +0000

End at: Mon, 24 Jul 2017 23:49:21 +0000

Local clock offset: 0.081 ms

Remote clock offset: 5.635 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.44 Mbit/s

95th percentile per-packet one-way delay: 140.998 ms

Loss rate: 0.66%

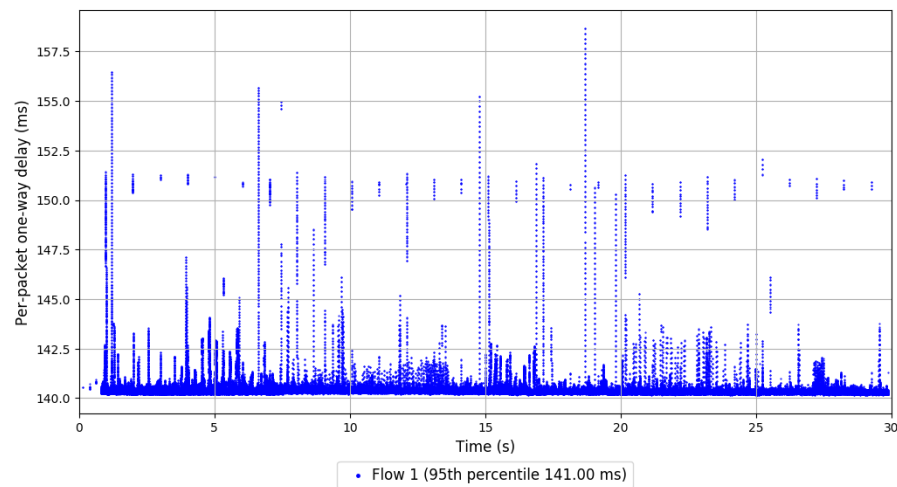
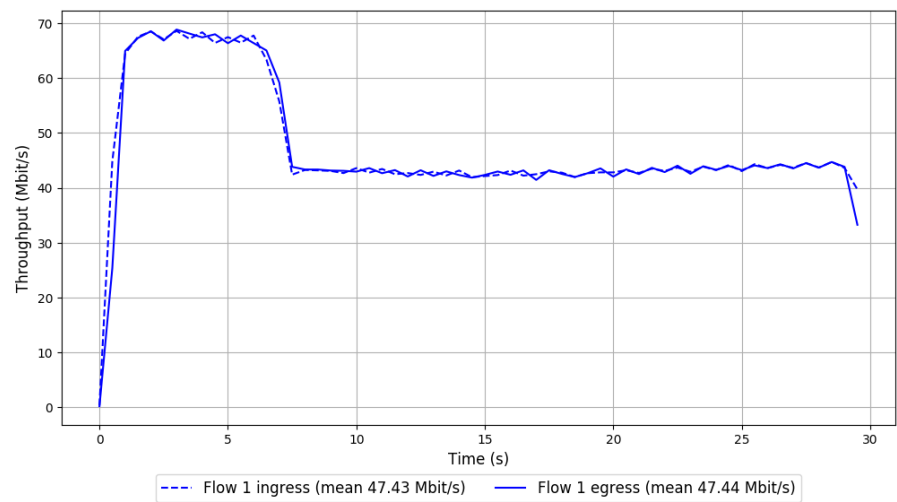
-- Flow 1:

Average throughput: 47.44 Mbit/s

95th percentile per-packet one-way delay: 140.998 ms

Loss rate: 0.66%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:08:01 +0000

End at: Tue, 25 Jul 2017 00:08:31 +0000

Local clock offset: 1.411 ms

Remote clock offset: 1.189 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.65 Mbit/s

95th percentile per-packet one-way delay: 157.431 ms

Loss rate: 0.80%

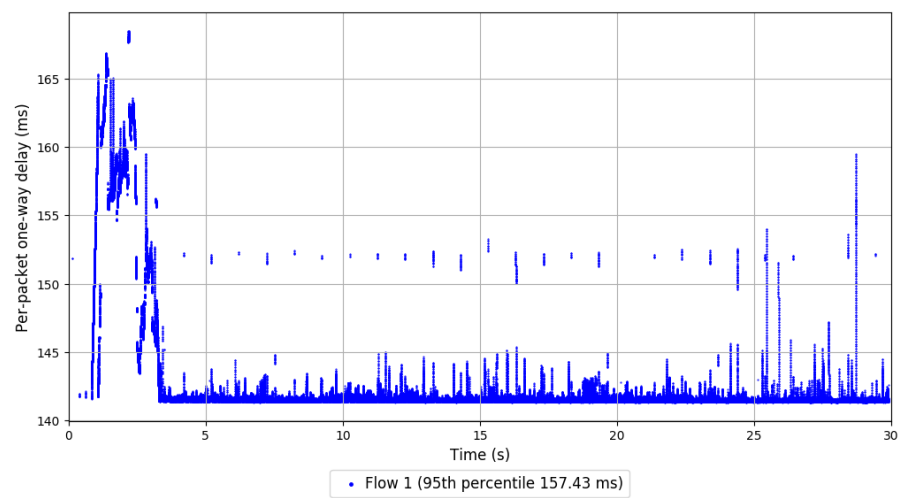
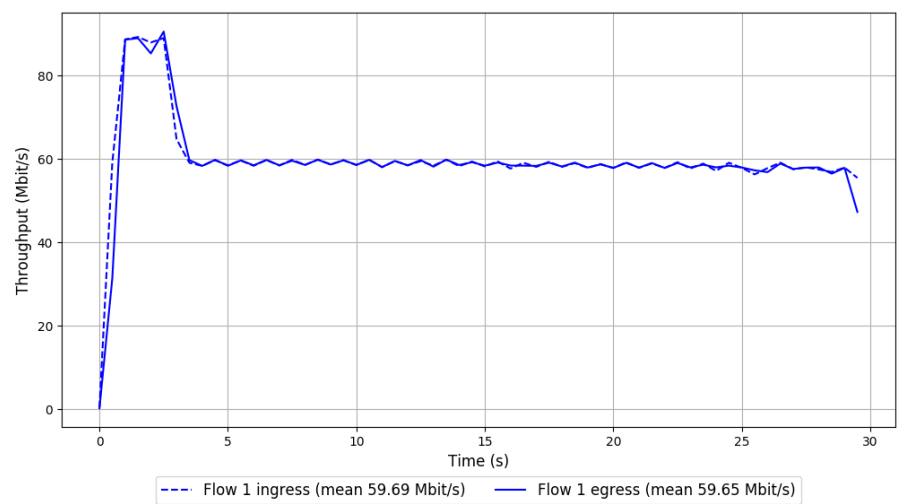
-- Flow 1:

Average throughput: 59.65 Mbit/s

95th percentile per-packet one-way delay: 157.431 ms

Loss rate: 0.80%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:27:13 +0000

End at: Tue, 25 Jul 2017 00:27:43 +0000

Local clock offset: 1.377 ms

Remote clock offset: -9.606 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.10 Mbit/s

95th percentile per-packet one-way delay: 140.951 ms

Loss rate: 0.74%

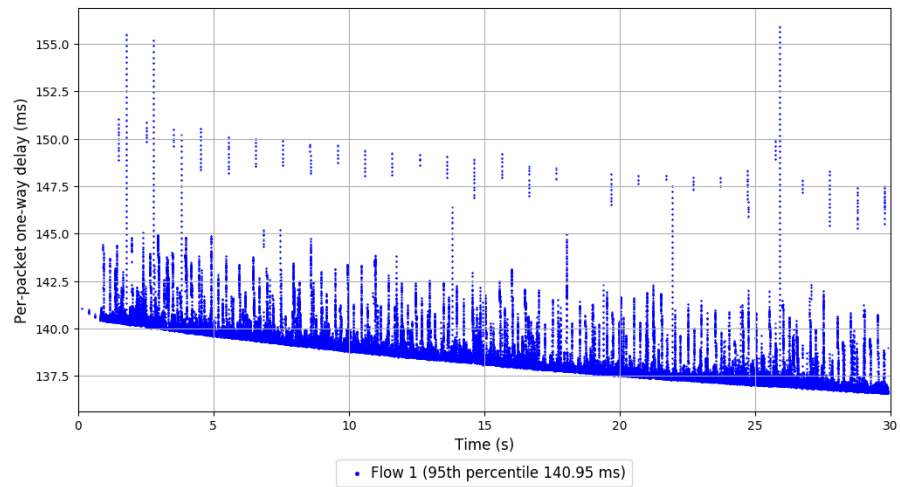
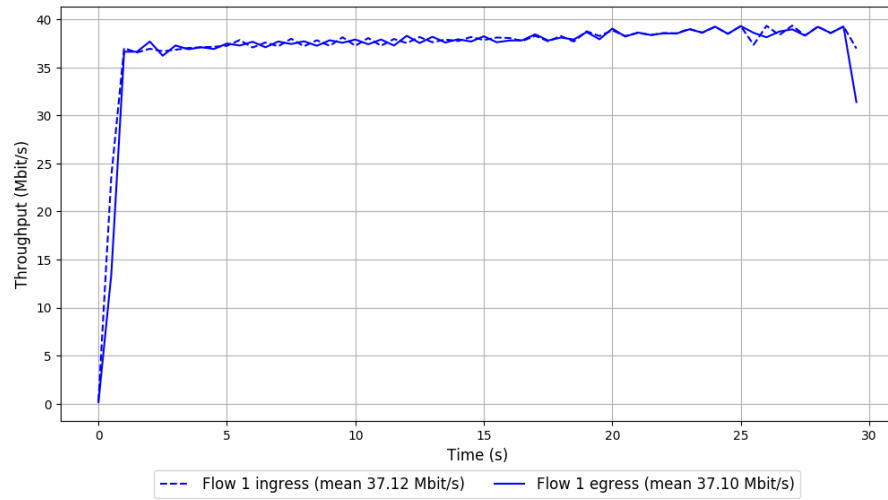
-- Flow 1:

Average throughput: 37.10 Mbit/s

95th percentile per-packet one-way delay: 140.951 ms

Loss rate: 0.74%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:46:20 +0000

End at: Tue, 25 Jul 2017 00:46:50 +0000

Local clock offset: 1.55 ms

Remote clock offset: 0.113 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.20 Mbit/s

95th percentile per-packet one-way delay: 143.416 ms

Loss rate: 0.78%

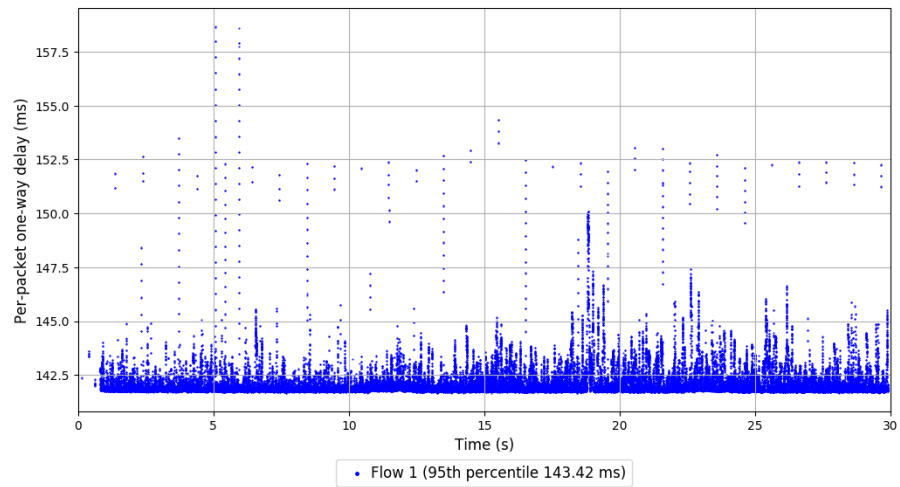
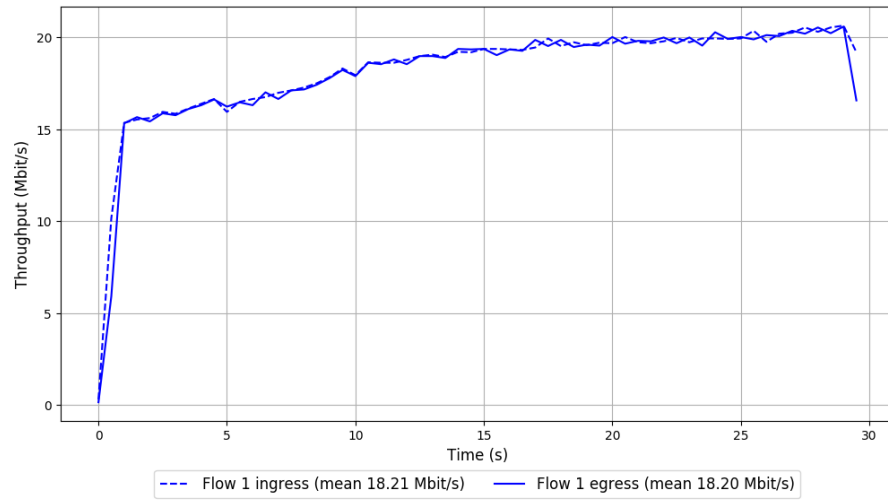
-- Flow 1:

Average throughput: 18.20 Mbit/s

95th percentile per-packet one-way delay: 143.416 ms

Loss rate: 0.78%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:05:24 +0000

End at: Tue, 25 Jul 2017 01:05:54 +0000

Local clock offset: 0.493 ms

Remote clock offset: -0.296 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.06 Mbit/s

95th percentile per-packet one-way delay: 162.390 ms

Loss rate: 3.47%

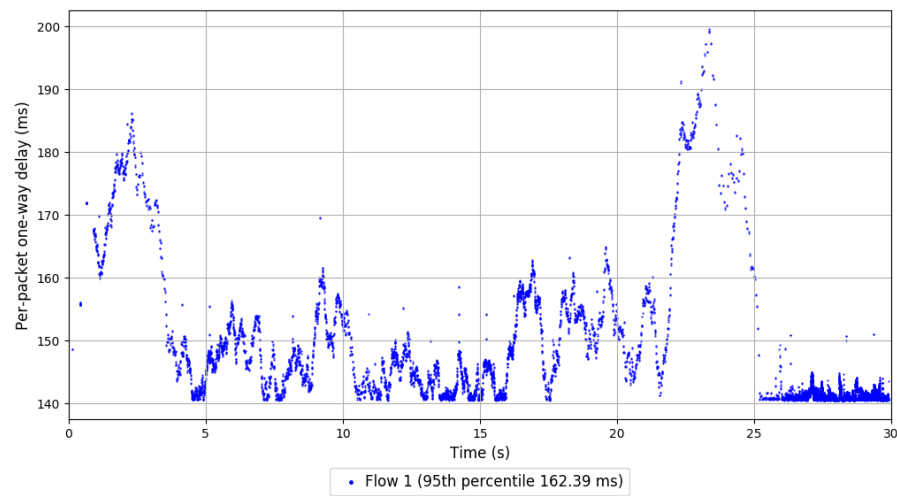
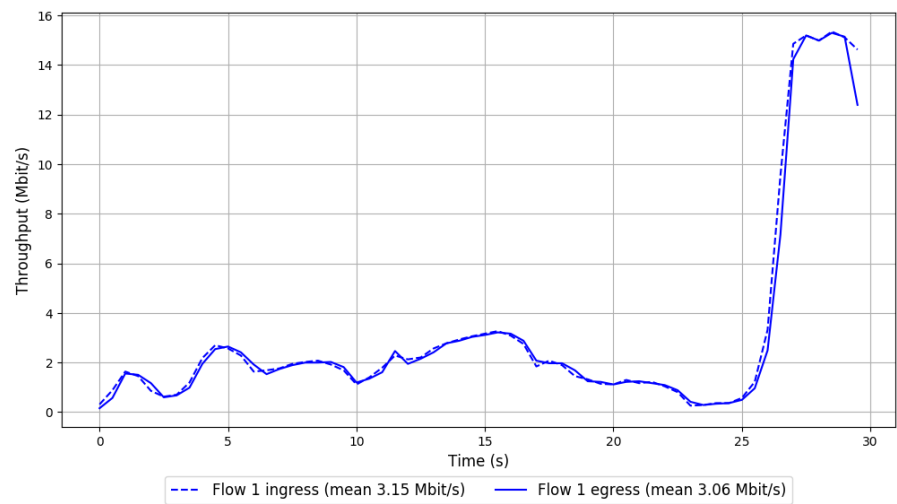
-- Flow 1:

Average throughput: 3.06 Mbit/s

95th percentile per-packet one-way delay: 162.390 ms

Loss rate: 3.47%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:24:25 +0000

End at: Tue, 25 Jul 2017 01:24:55 +0000

Local clock offset: 1.748 ms

Remote clock offset: -7.93 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.45 Mbit/s

95th percentile per-packet one-way delay: 140.915 ms

Loss rate: 0.77%

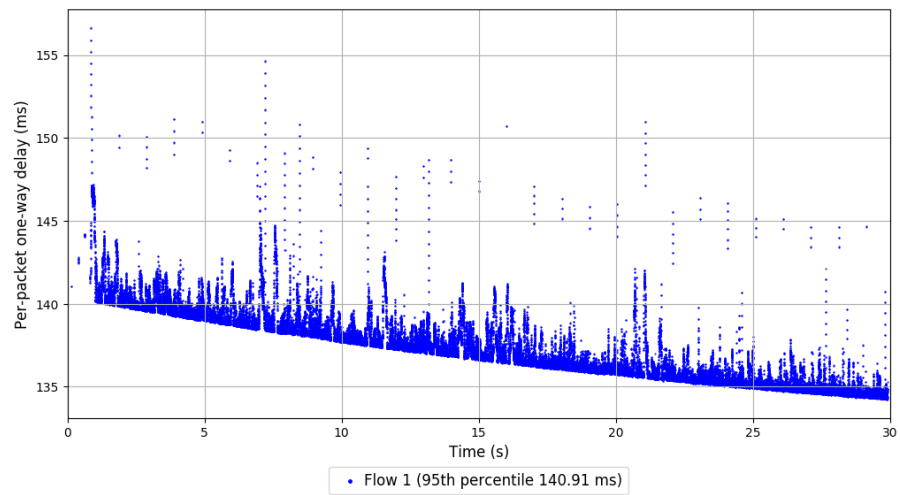
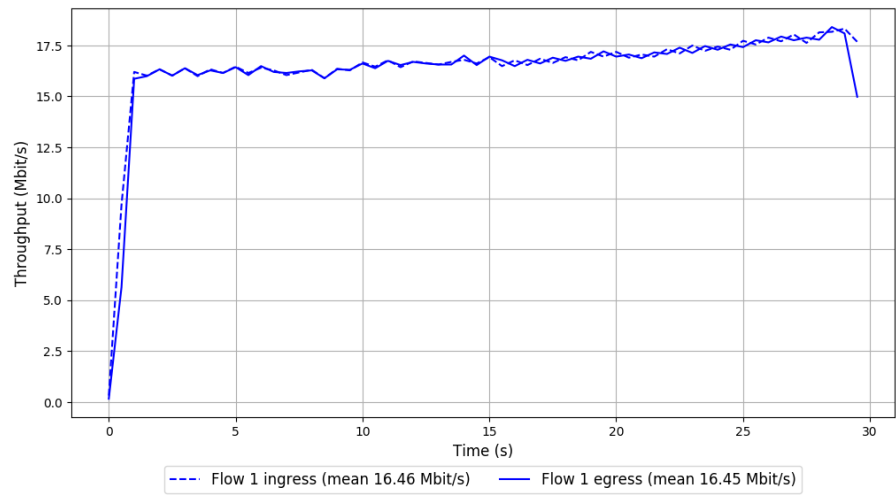
-- Flow 1:

Average throughput: 16.45 Mbit/s

95th percentile per-packet one-way delay: 140.915 ms

Loss rate: 0.77%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:43:27 +0000

End at: Tue, 25 Jul 2017 01:43:57 +0000

Local clock offset: -0.676 ms

Remote clock offset: 2.9 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.70 Mbit/s

95th percentile per-packet one-way delay: 164.563 ms

Loss rate: 0.26%

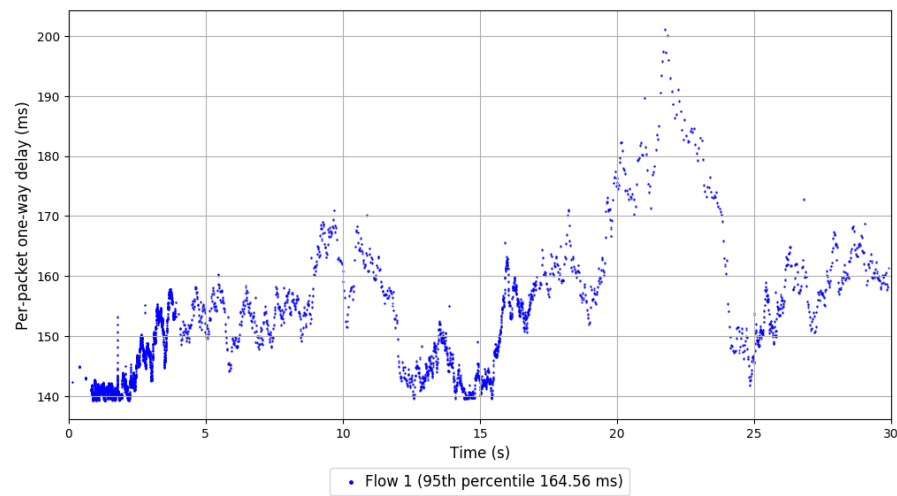
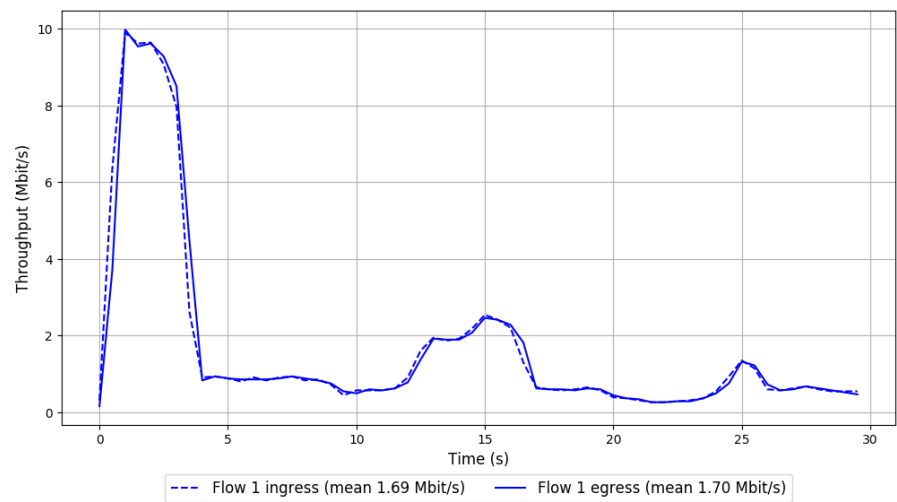
-- Flow 1:

Average throughput: 1.70 Mbit/s

95th percentile per-packet one-way delay: 164.563 ms

Loss rate: 0.26%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 25 Jul 2017 02:02:32 +0000

End at: Tue, 25 Jul 2017 02:03:02 +0000

Local clock offset: 1.794 ms

Remote clock offset: -0.272 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.92 Mbit/s

95th percentile per-packet one-way delay: 171.429 ms

Loss rate: 1.62%

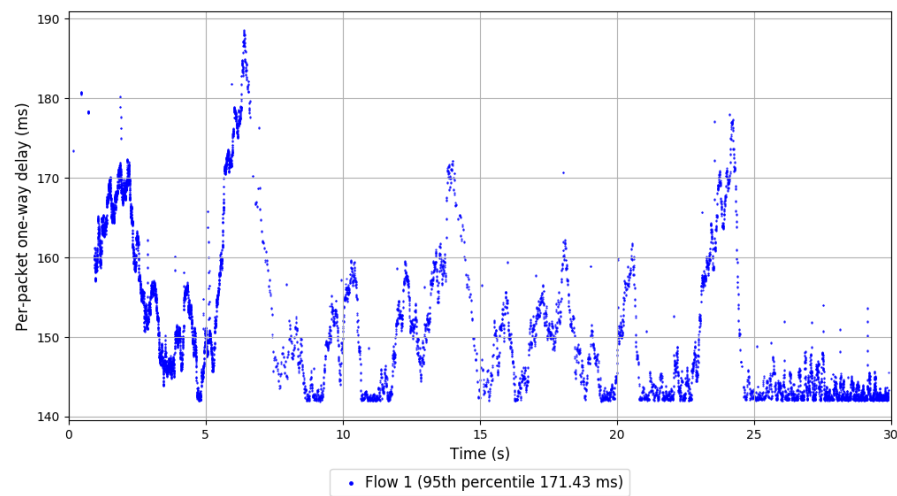
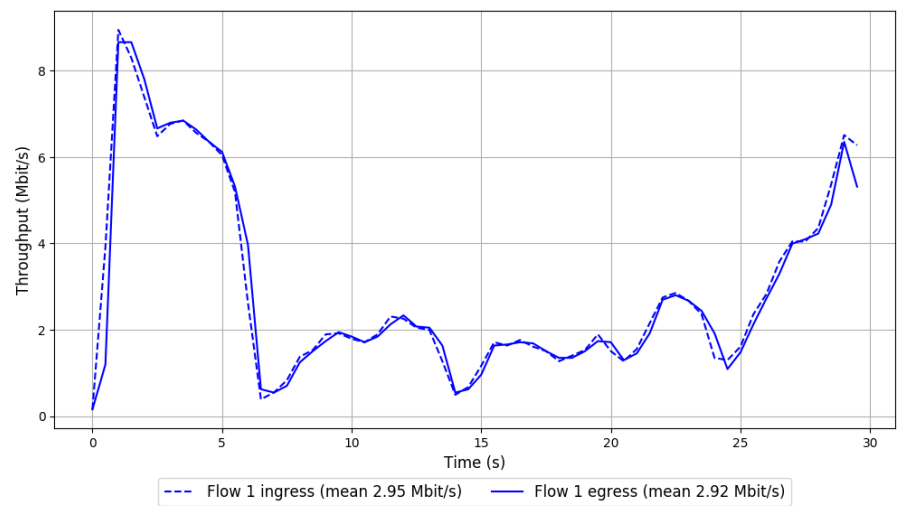
-- Flow 1:

Average throughput: 2.92 Mbit/s

95th percentile per-packet one-way delay: 171.429 ms

Loss rate: 1.62%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 25 Jul 2017 02:21:27 +0000

End at: Tue, 25 Jul 2017 02:21:57 +0000

Local clock offset: 0.48 ms

Remote clock offset: -0.064 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 188.455 ms

Loss rate: 1.06%

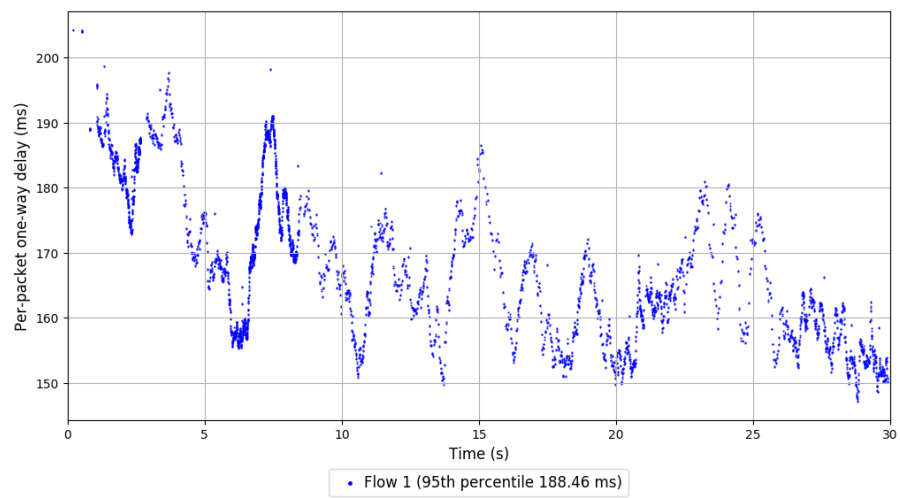
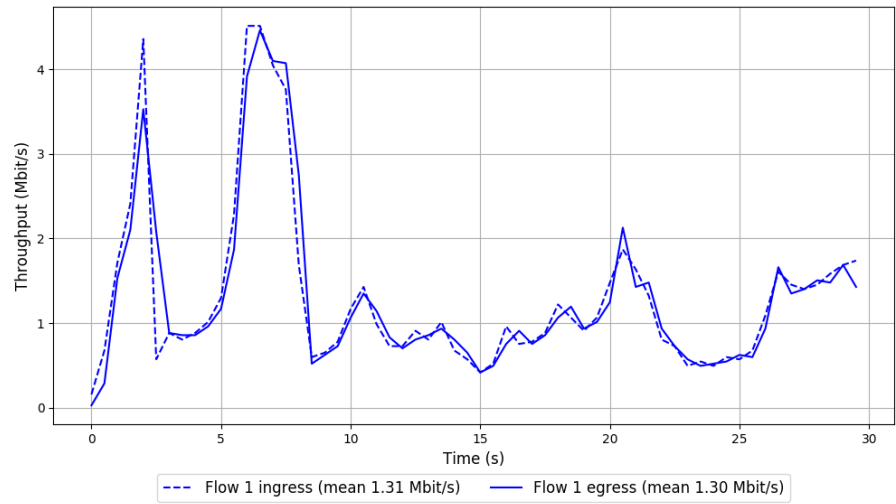
-- Flow 1:

Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 188.455 ms

Loss rate: 1.06%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:28:10 +0000

End at: Mon, 24 Jul 2017 23:28:40 +0000

Local clock offset: 0.075 ms

Remote clock offset: 7.259 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.07 Mbit/s

95th percentile per-packet one-way delay: 165.387 ms

Loss rate: 0.90%

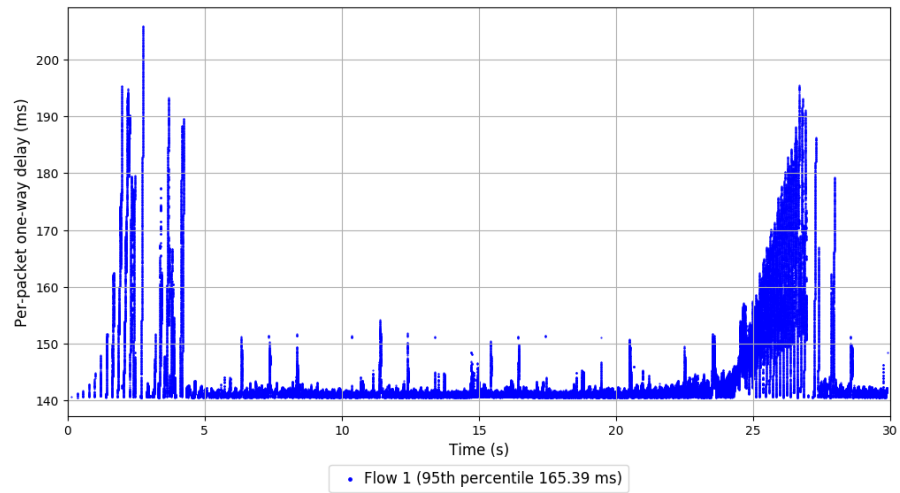
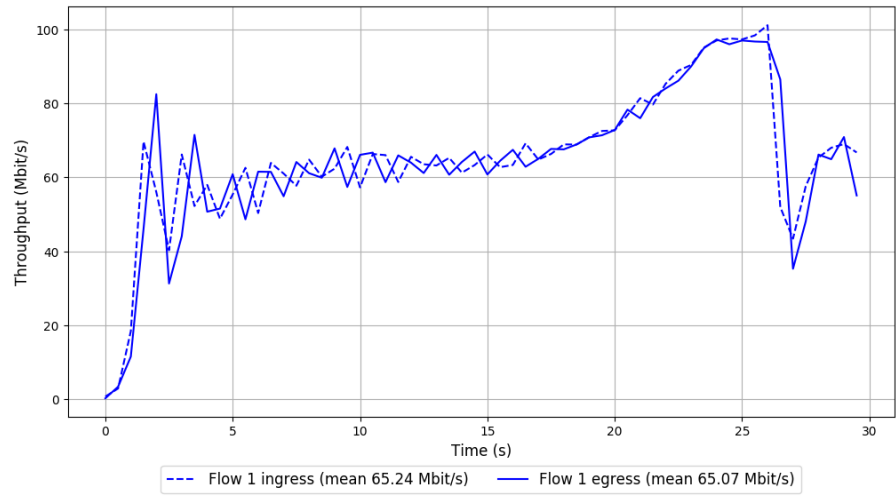
-- Flow 1:

Average throughput: 65.07 Mbit/s

95th percentile per-packet one-way delay: 165.387 ms

Loss rate: 0.90%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:47:33 +0000

End at: Mon, 24 Jul 2017 23:48:03 +0000

Local clock offset: 1.454 ms

Remote clock offset: 5.816 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.17 Mbit/s

95th percentile per-packet one-way delay: 165.785 ms

Loss rate: 1.00%

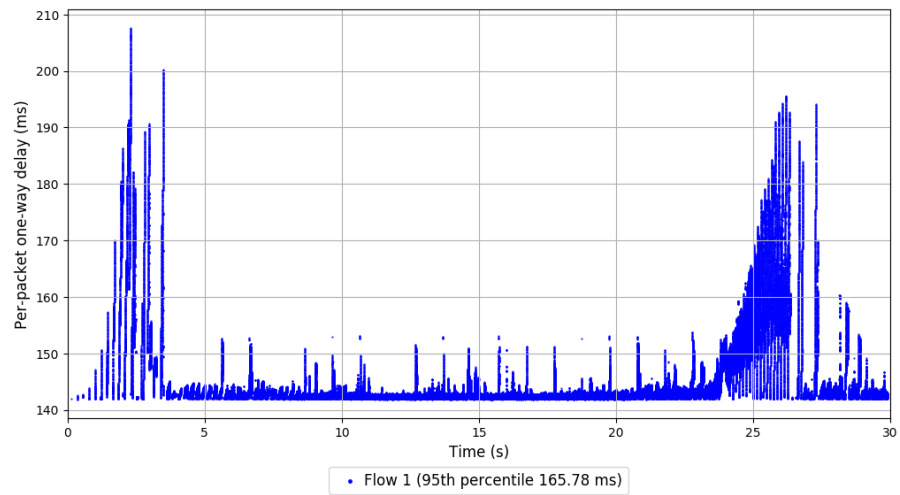
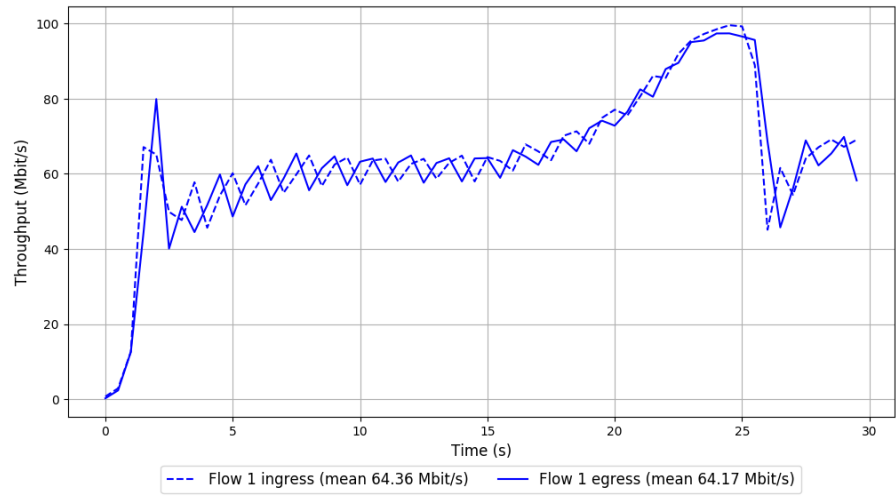
-- Flow 1:

Average throughput: 64.17 Mbit/s

95th percentile per-packet one-way delay: 165.785 ms

Loss rate: 1.00%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:06:41 +0000

End at: Tue, 25 Jul 2017 00:07:11 +0000

Local clock offset: 0.056 ms

Remote clock offset: 0.377 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.80 Mbit/s

95th percentile per-packet one-way delay: 161.549 ms

Loss rate: 0.92%

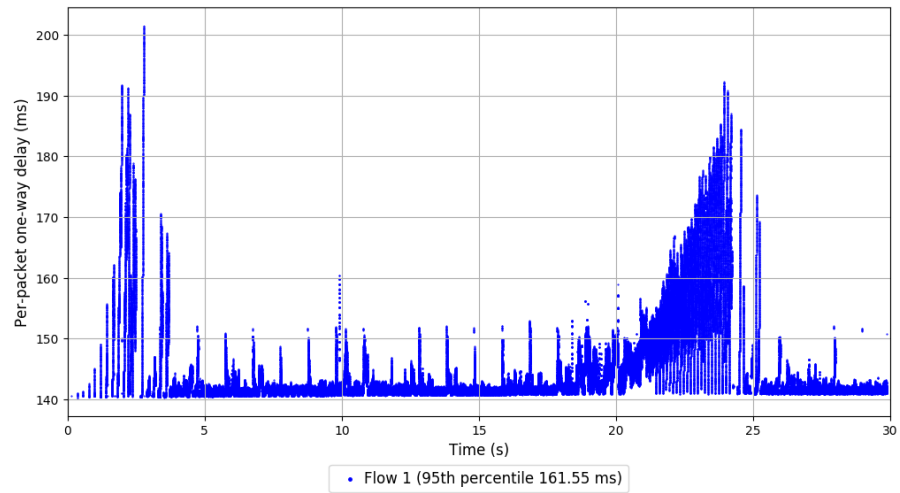
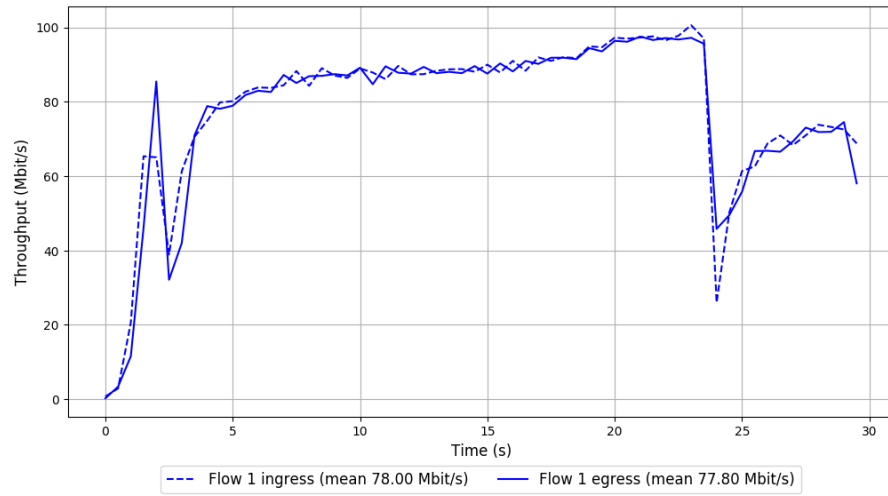
-- Flow 1:

Average throughput: 77.80 Mbit/s

95th percentile per-packet one-way delay: 161.549 ms

Loss rate: 0.92%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:25:53 +0000

End at: Tue, 25 Jul 2017 00:26:23 +0000

Local clock offset: 0.212 ms

Remote clock offset: 0.229 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:44:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.93 Mbit/s

95th percentile per-packet one-way delay: 163.511 ms

Loss rate: 0.79%

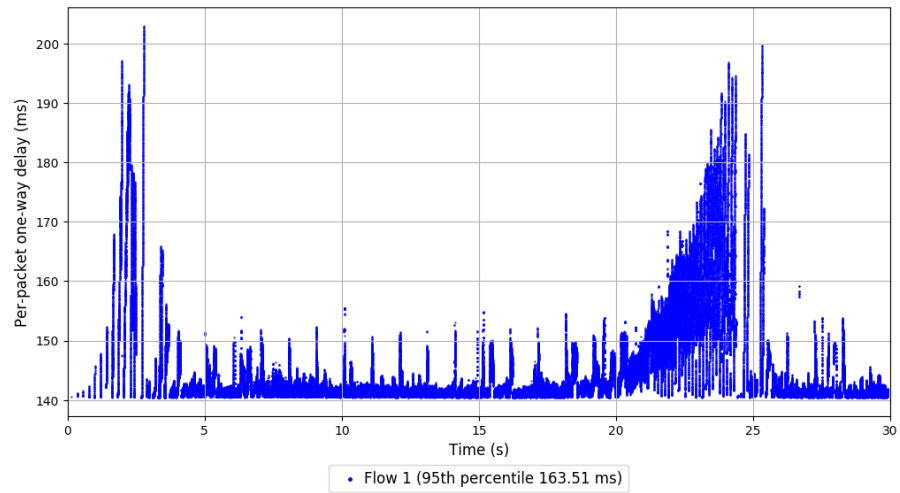
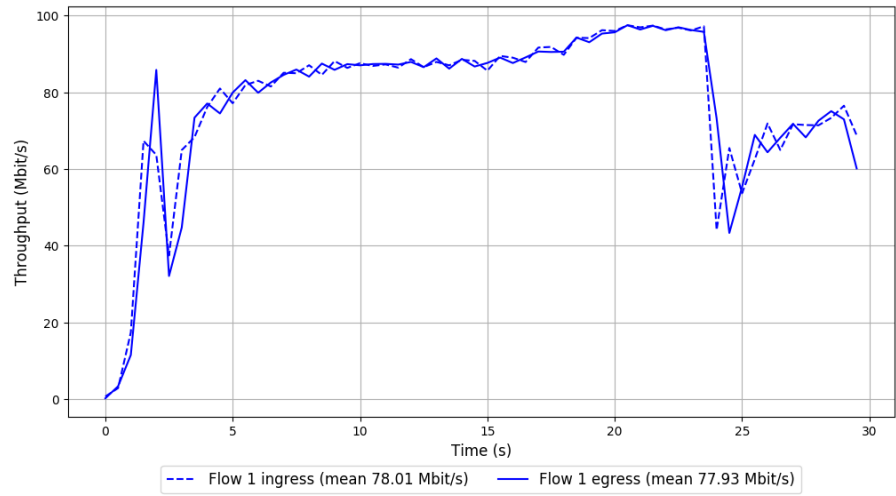
-- Flow 1:

Average throughput: 77.93 Mbit/s

95th percentile per-packet one-way delay: 163.511 ms

Loss rate: 0.79%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:45:02 +0000

End at: Tue, 25 Jul 2017 00:45:32 +0000

Local clock offset: 0.318 ms

Remote clock offset: 0.15 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.36 Mbit/s

95th percentile per-packet one-way delay: 166.348 ms

Loss rate: 1.15%

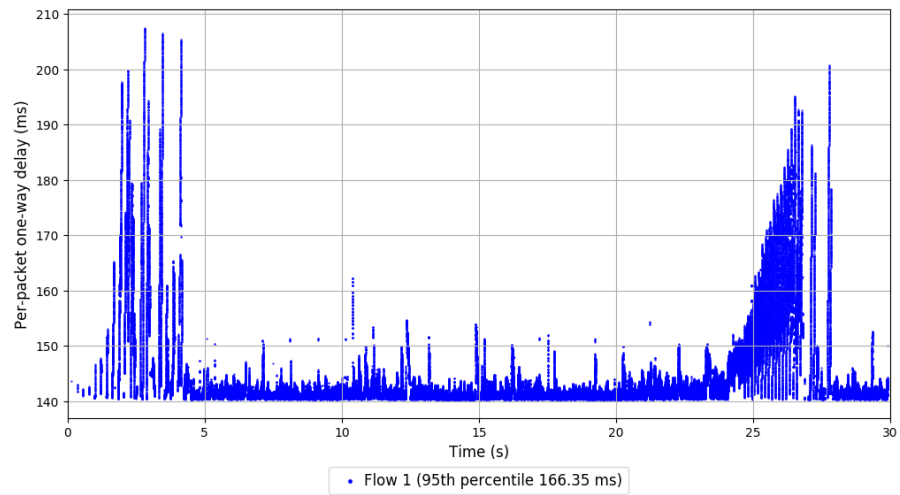
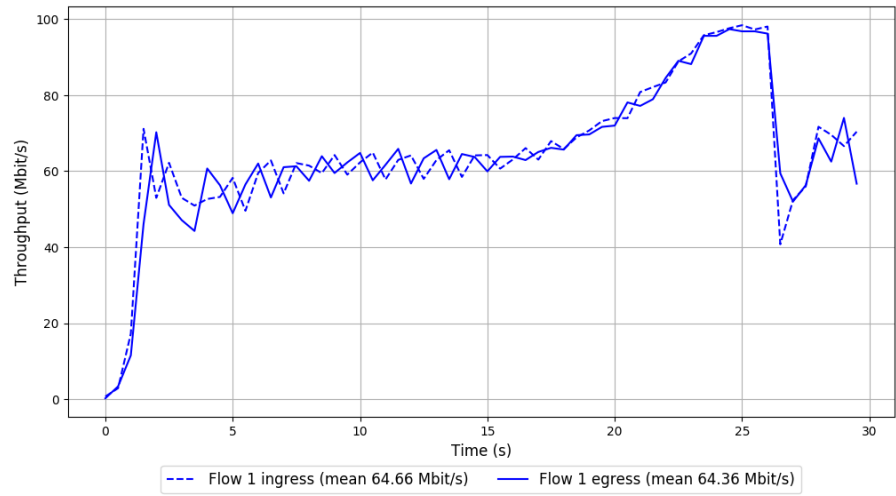
-- Flow 1:

Average throughput: 64.36 Mbit/s

95th percentile per-packet one-way delay: 166.348 ms

Loss rate: 1.15%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:04:06 +0000

End at: Tue, 25 Jul 2017 01:04:36 +0000

Local clock offset: 1.649 ms

Remote clock offset: -0.514 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.12 Mbit/s

95th percentile per-packet one-way delay: 234.716 ms

Loss rate: 1.30%

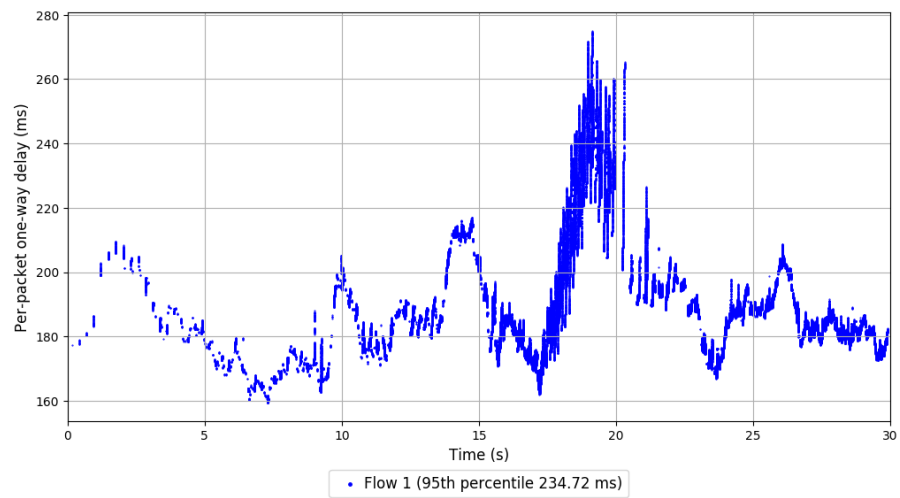
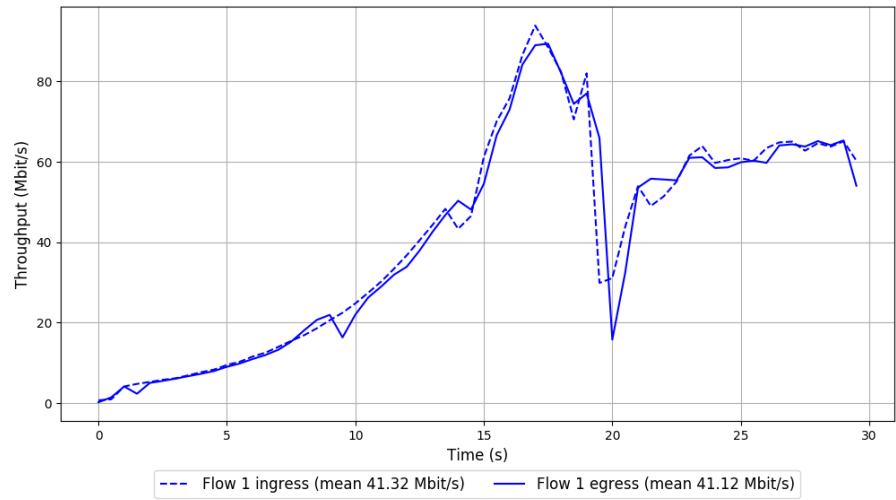
-- Flow 1:

Average throughput: 41.12 Mbit/s

95th percentile per-packet one-way delay: 234.716 ms

Loss rate: 1.30%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:23:06 +0000

End at: Tue, 25 Jul 2017 01:23:36 +0000

Local clock offset: 1.76 ms

Remote clock offset: -0.392 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.56 Mbit/s

95th percentile per-packet one-way delay: 166.194 ms

Loss rate: 0.85%

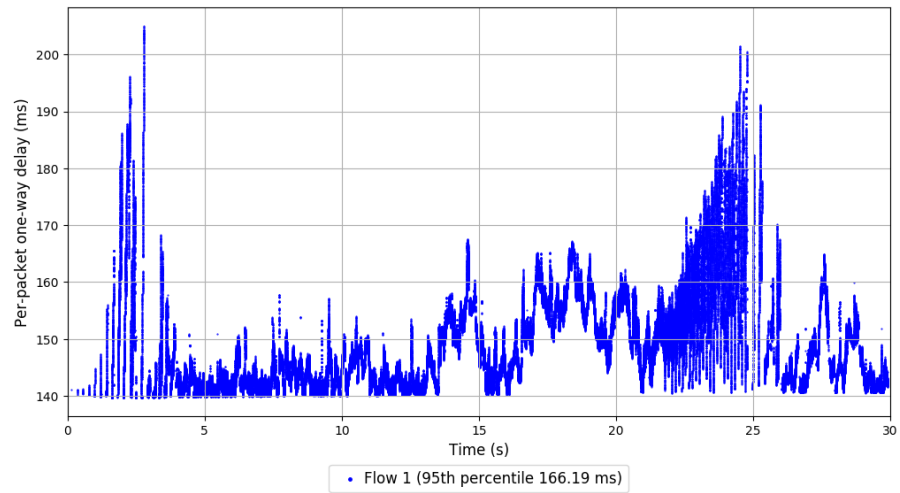
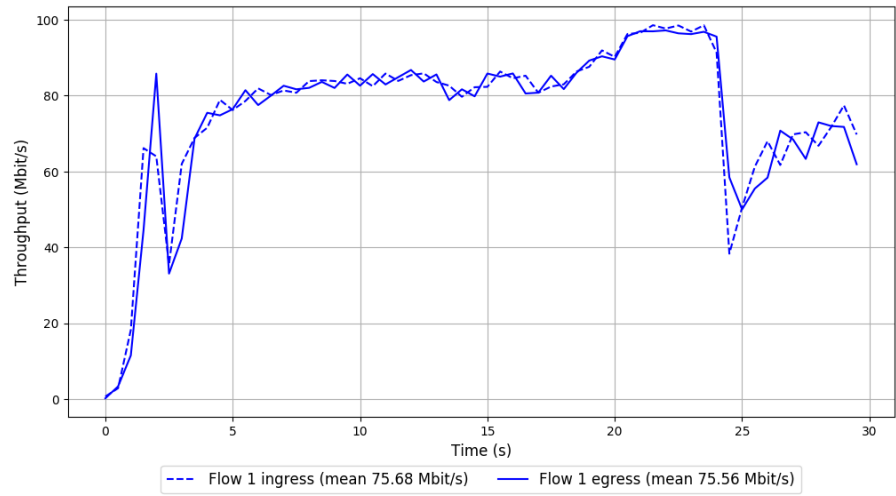
-- Flow 1:

Average throughput: 75.56 Mbit/s

95th percentile per-packet one-way delay: 166.194 ms

Loss rate: 0.85%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:42:08 +0000

End at: Tue, 25 Jul 2017 01:42:38 +0000

Local clock offset: 1.819 ms

Remote clock offset: 1.691 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.77 Mbit/s

95th percentile per-packet one-way delay: 183.915 ms

Loss rate: 0.58%

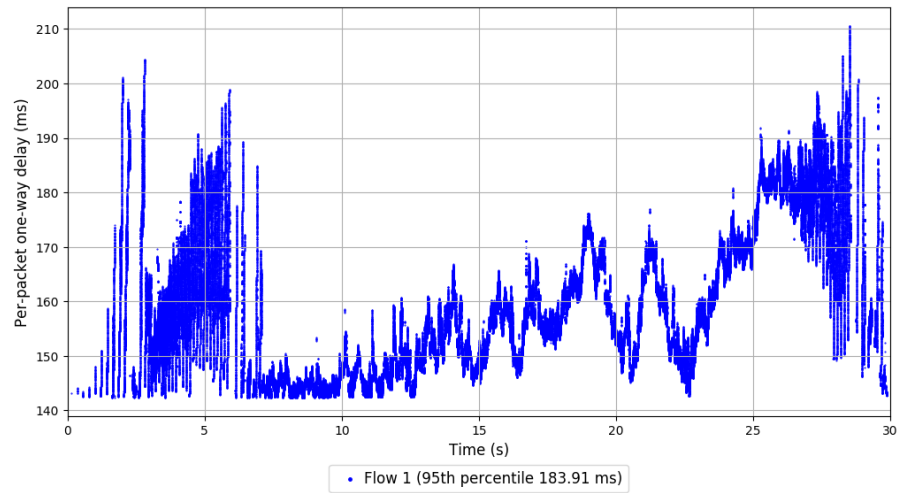
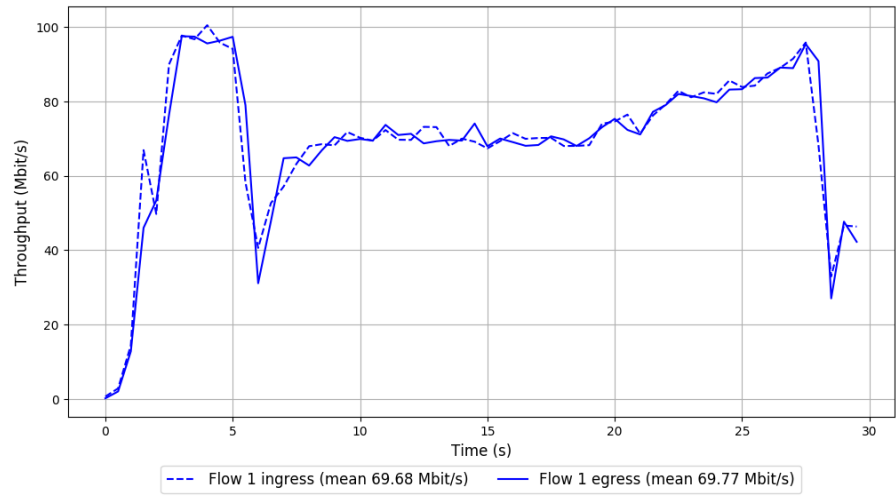
-- Flow 1:

Average throughput: 69.77 Mbit/s

95th percentile per-packet one-way delay: 183.915 ms

Loss rate: 0.58%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 02:01:13 +0000

End at: Tue, 25 Jul 2017 02:01:43 +0000

Local clock offset: 0.551 ms

Remote clock offset: -0.405 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 174.644 ms

Loss rate: 1.14%

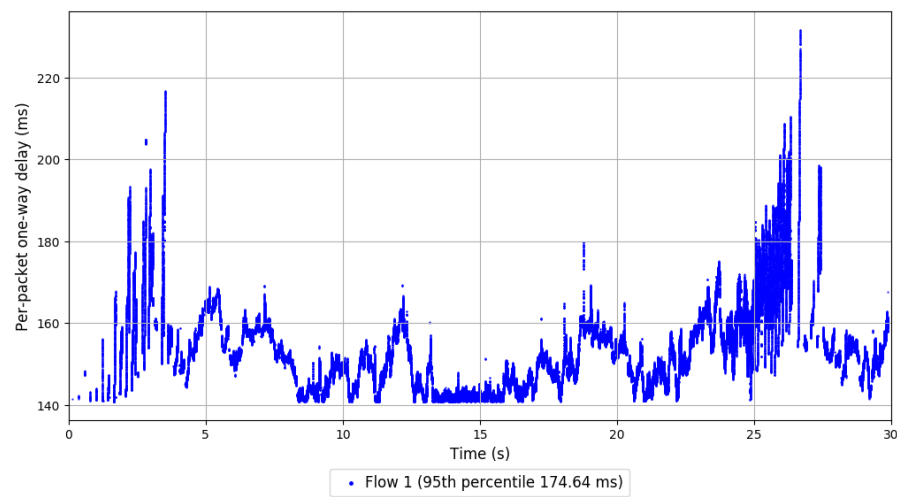
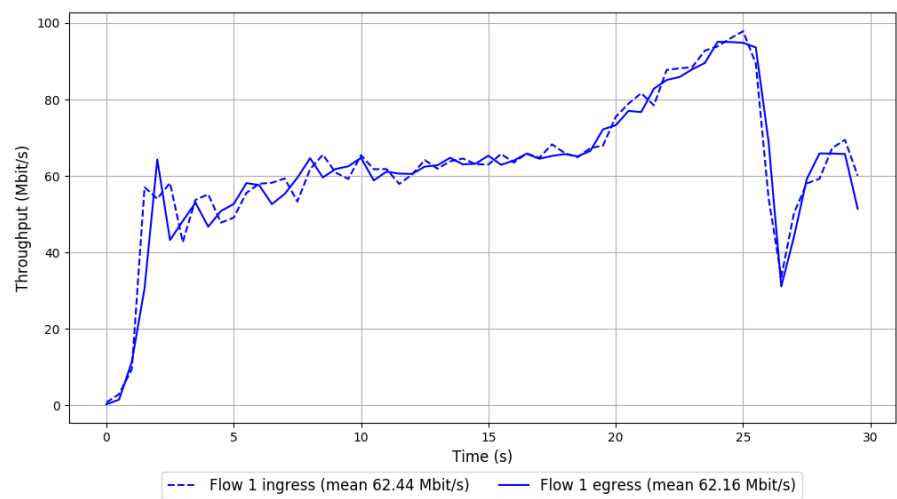
-- Flow 1:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 174.644 ms

Loss rate: 1.14%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

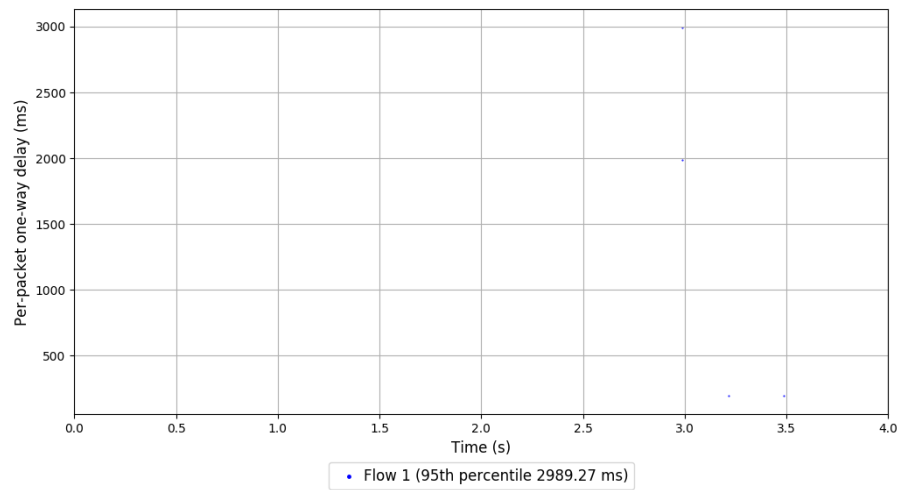
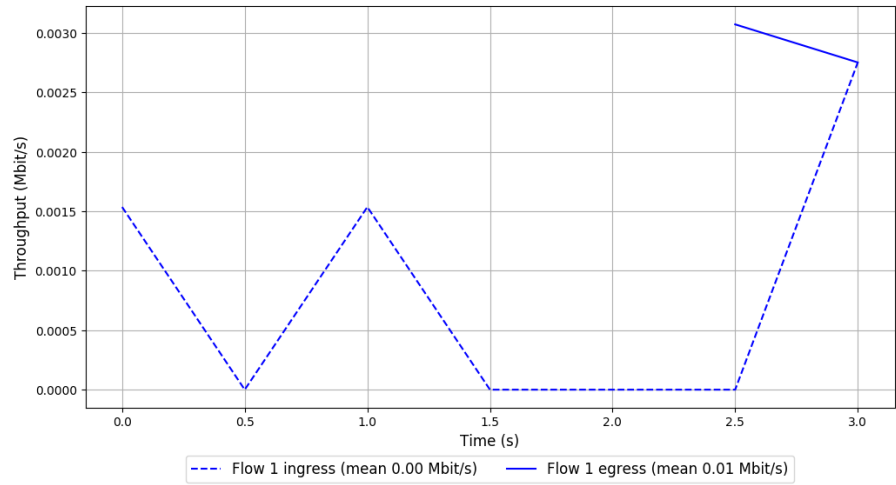
Start at: Tue, 25 Jul 2017 02:20:13 +0000

End at: Tue, 25 Jul 2017 02:20:43 +0000

Local clock offset: 0.552 ms

Remote clock offset: 0.008 ms

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:30:49 +0000

End at: Mon, 24 Jul 2017 23:31:19 +0000

Local clock offset: 0.049 ms

Remote clock offset: 6.978 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.46 Mbit/s

95th percentile per-packet one-way delay: 141.652 ms

Loss rate: 0.73%

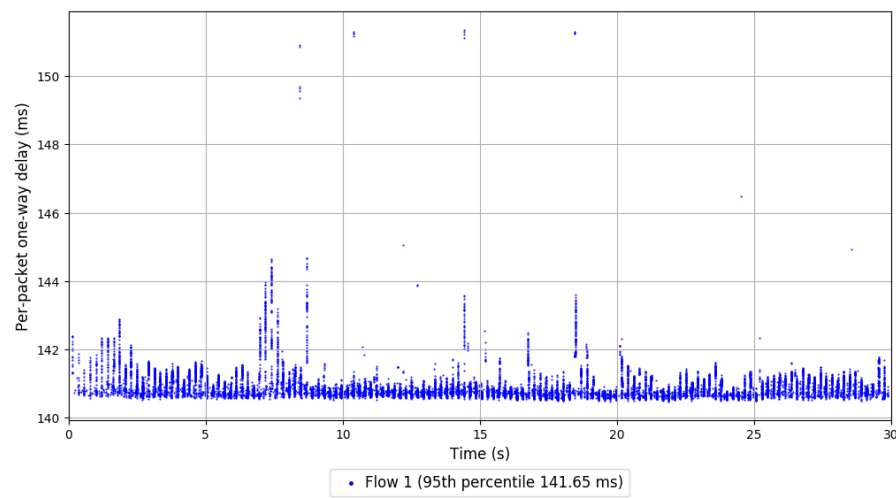
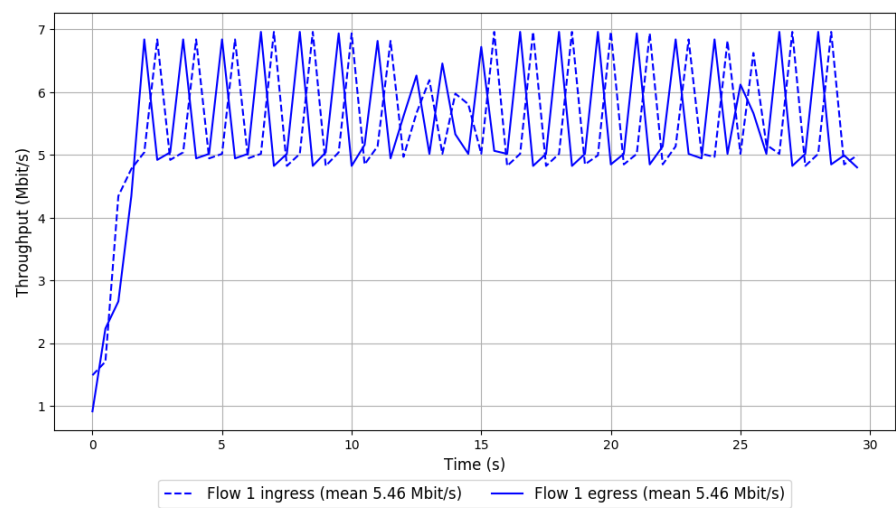
-- Flow 1:

Average throughput: 5.46 Mbit/s

95th percentile per-packet one-way delay: 141.652 ms

Loss rate: 0.73%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:50:11 +0000

End at: Mon, 24 Jul 2017 23:50:41 +0000

Local clock offset: 0.046 ms

Remote clock offset: 5.588 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.48 Mbit/s

95th percentile per-packet one-way delay: 141.233 ms

Loss rate: 0.72%

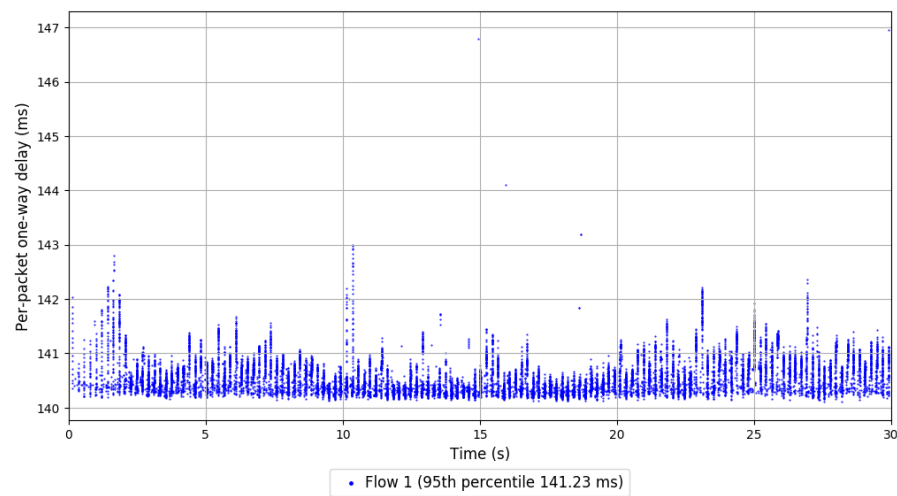
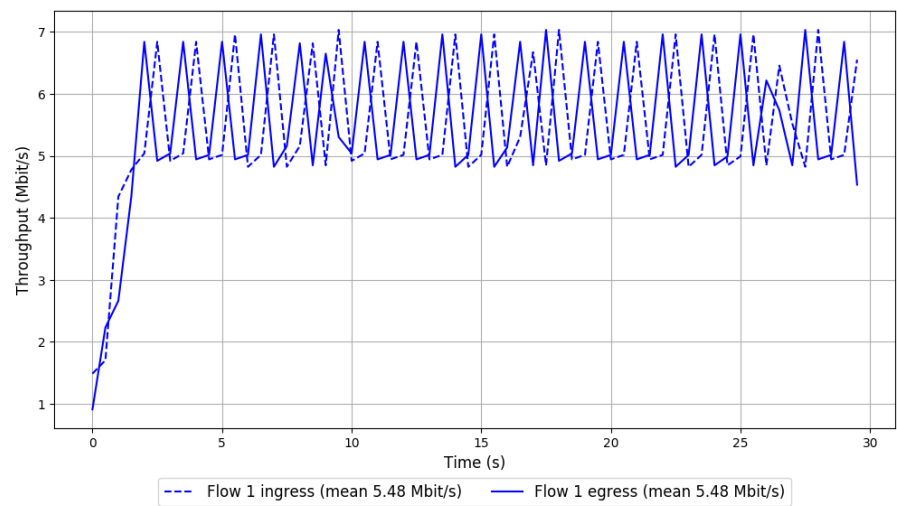
-- Flow 1:

Average throughput: 5.48 Mbit/s

95th percentile per-packet one-way delay: 141.233 ms

Loss rate: 0.72%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:09:22 +0000

End at: Tue, 25 Jul 2017 00:09:52 +0000

Local clock offset: 1.296 ms

Remote clock offset: 1.087 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 143.183 ms

Loss rate: 0.72%

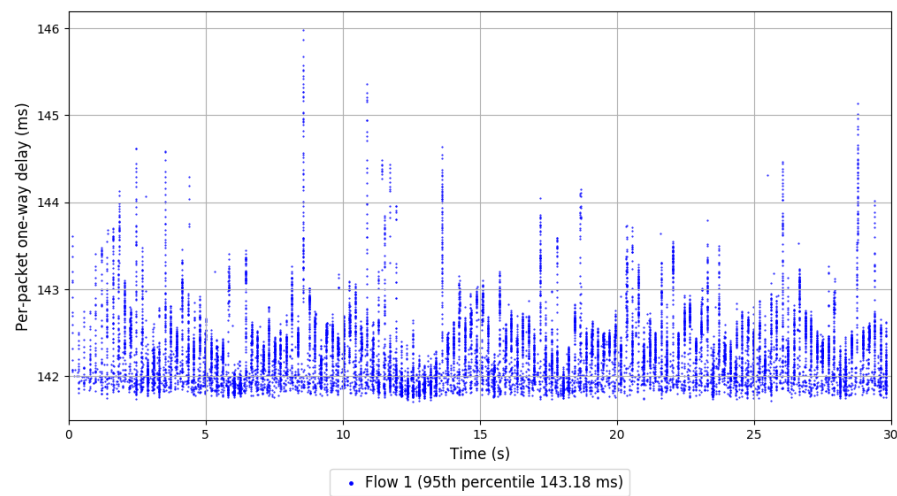
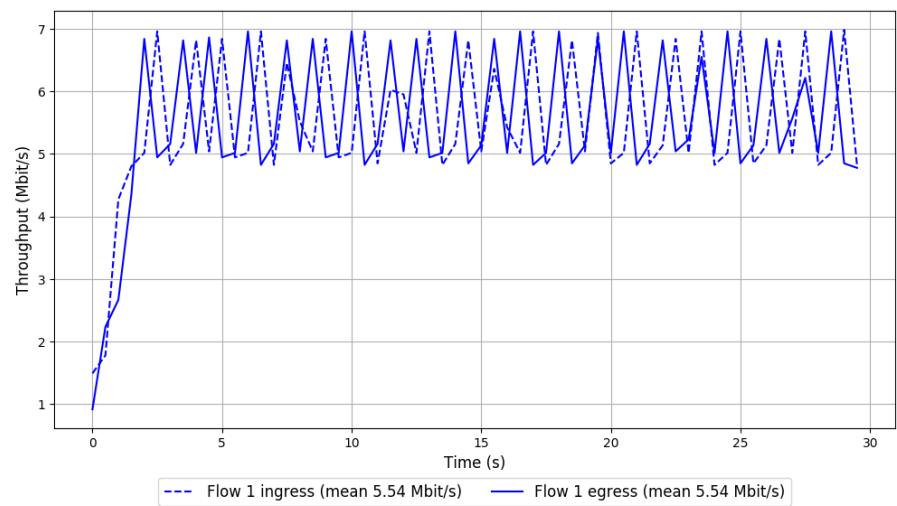
-- Flow 1:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 143.183 ms

Loss rate: 0.72%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:28:31 +0000

End at: Tue, 25 Jul 2017 00:29:01 +0000

Local clock offset: 0.27 ms

Remote clock offset: -7.023 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.46 Mbit/s

95th percentile per-packet one-way delay: 147.109 ms

Loss rate: 0.73%

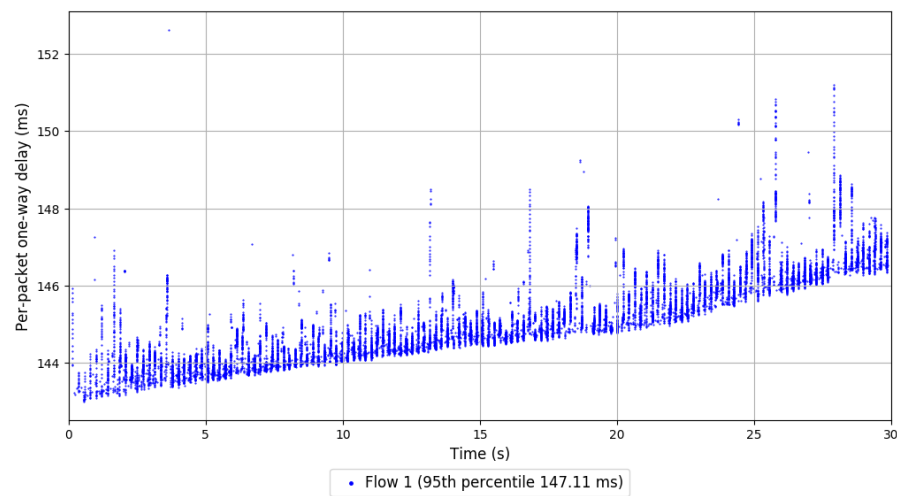
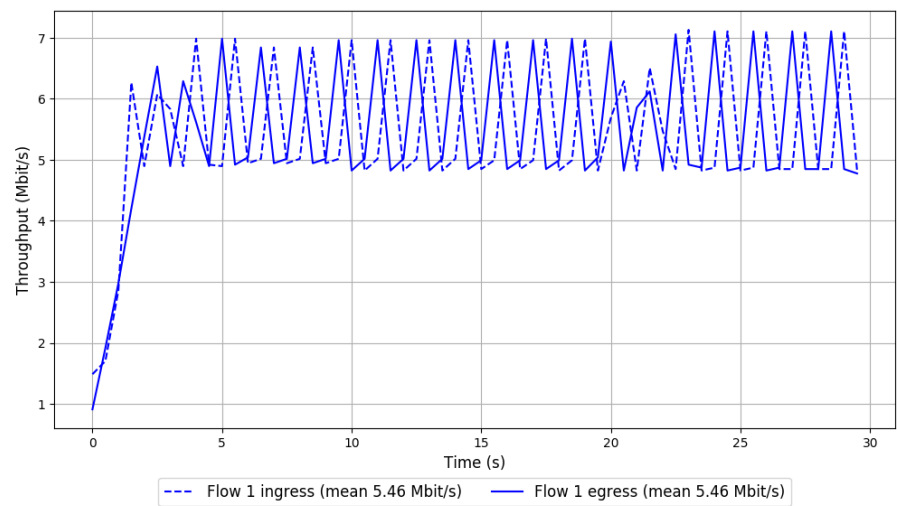
-- Flow 1:

Average throughput: 5.46 Mbit/s

95th percentile per-packet one-way delay: 147.109 ms

Loss rate: 0.73%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

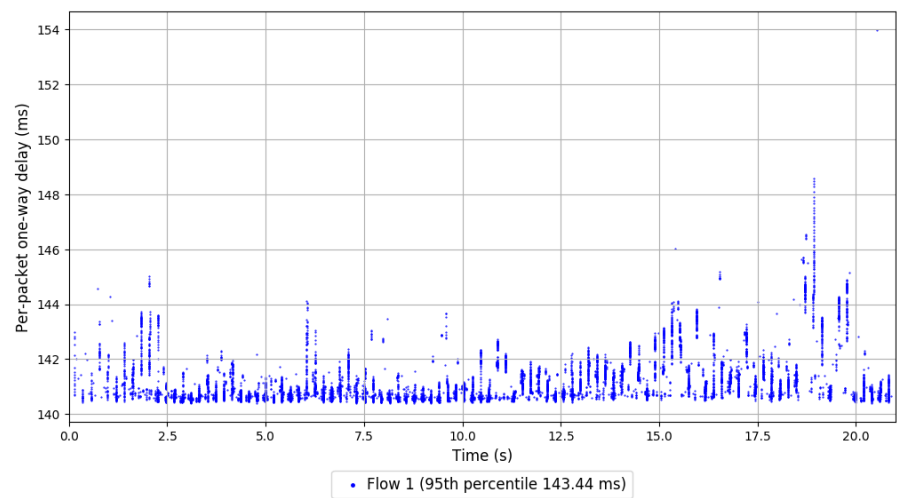
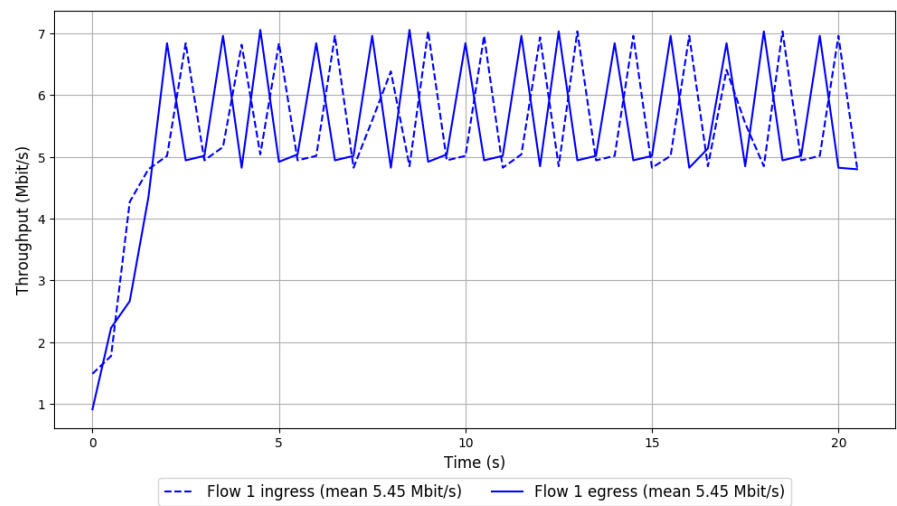
Start at: Tue, 25 Jul 2017 00:47:37 +0000

End at: Tue, 25 Jul 2017 00:48:07 +0000

Local clock offset: 0.355 ms

Remote clock offset: 0.059 ms

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:06:38 +0000

End at: Tue, 25 Jul 2017 01:07:08 +0000

Local clock offset: 0.426 ms

Remote clock offset: -0.276 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 188.602 ms

Loss rate: 0.77%

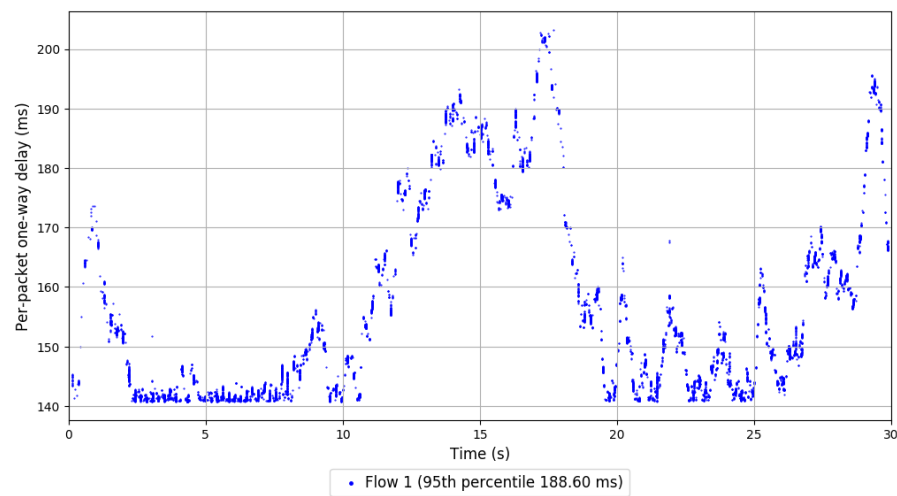
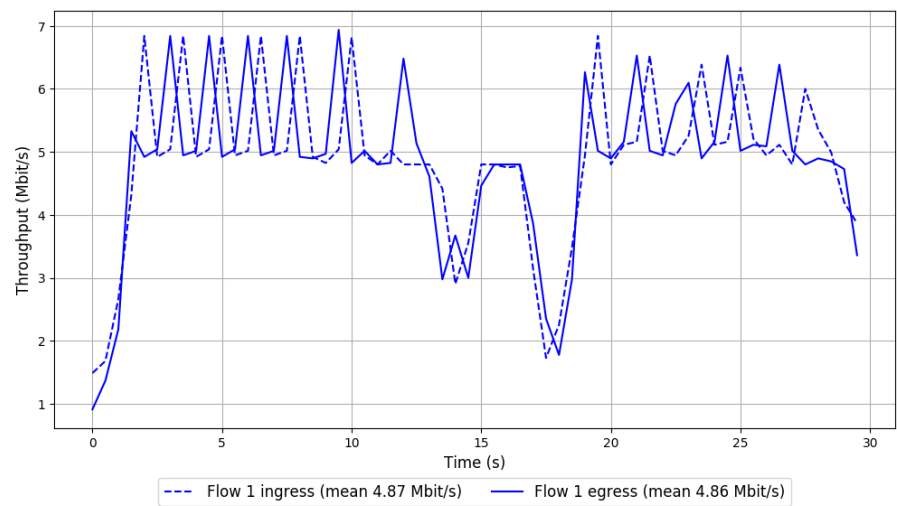
-- Flow 1:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 188.602 ms

Loss rate: 0.77%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:25:42 +0000

End at: Tue, 25 Jul 2017 01:26:12 +0000

Local clock offset: 0.424 ms

Remote clock offset: -11.989 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 146.097 ms

Loss rate: 0.73%

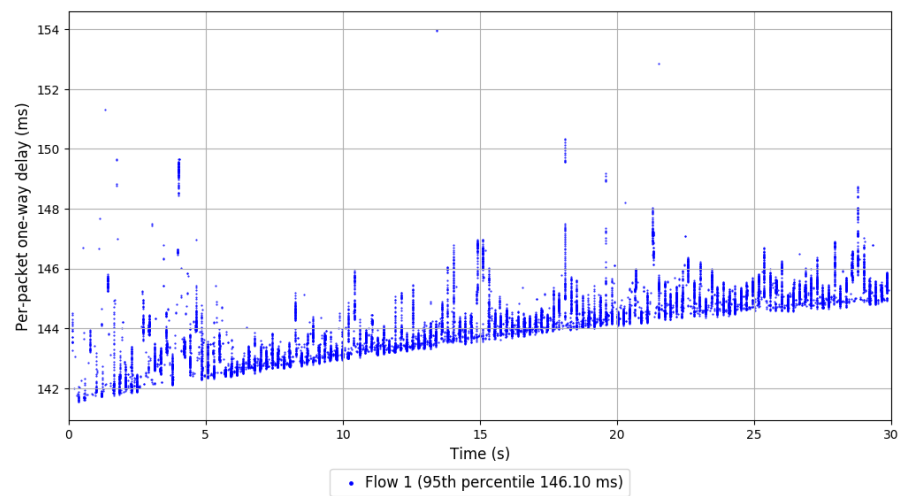
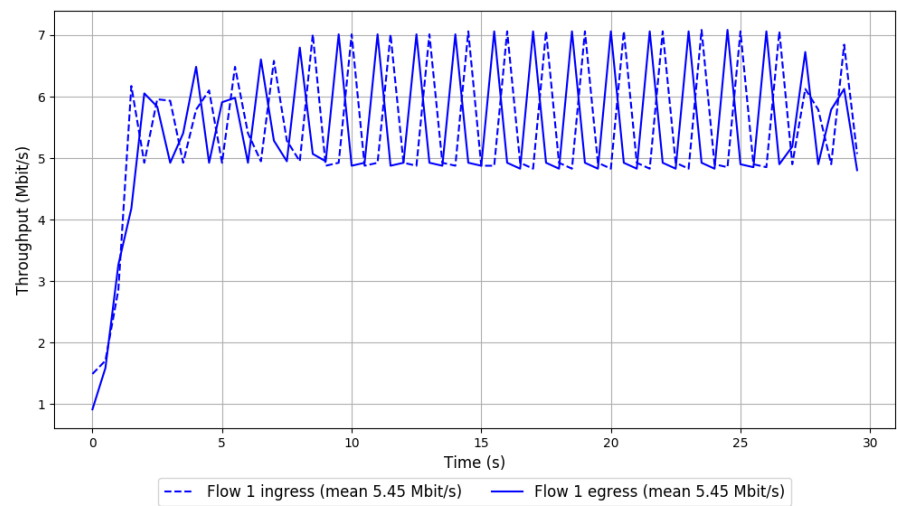
-- Flow 1:

Average throughput: 5.45 Mbit/s

95th percentile per-packet one-way delay: 146.097 ms

Loss rate: 0.73%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:44:41 +0000

End at: Tue, 25 Jul 2017 01:45:11 +0000

Local clock offset: 0.549 ms

Remote clock offset: 3.051 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.37 Mbit/s

95th percentile per-packet one-way delay: 147.191 ms

Loss rate: 0.74%

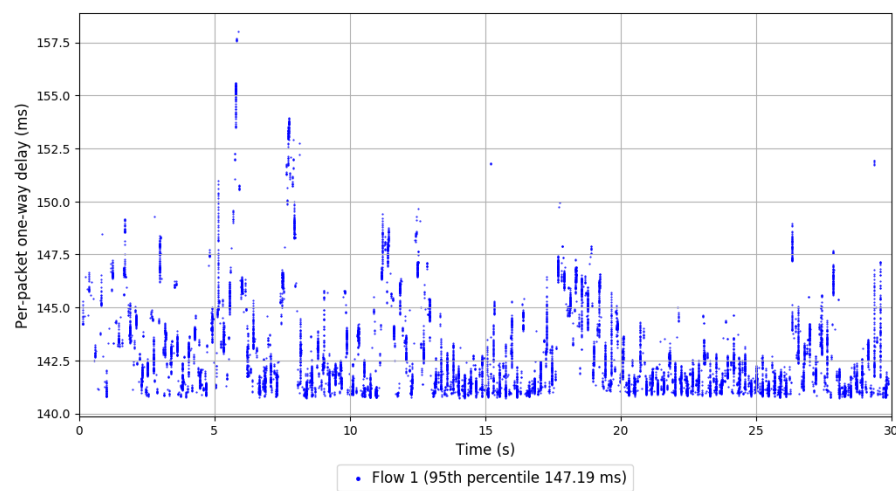
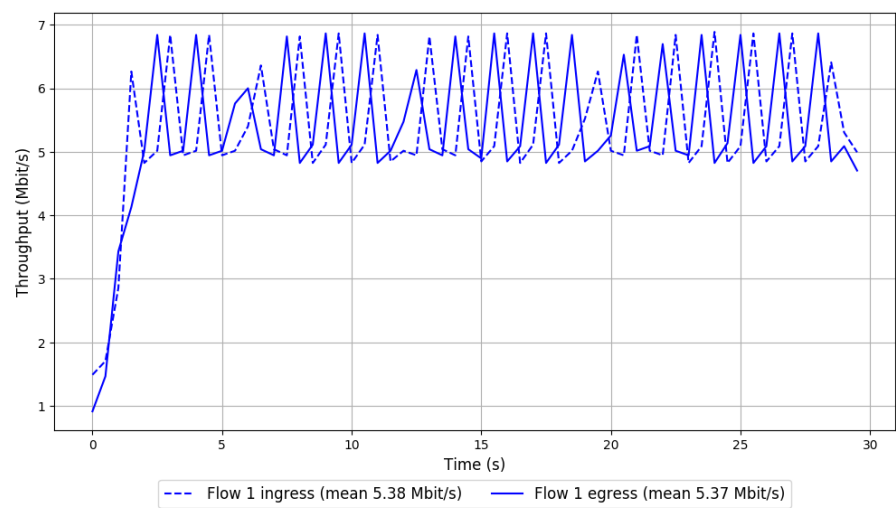
-- Flow 1:

Average throughput: 5.37 Mbit/s

95th percentile per-packet one-way delay: 147.191 ms

Loss rate: 0.74%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 02:03:46 +0000

End at: Tue, 25 Jul 2017 02:04:16 +0000

Local clock offset: 1.832 ms

Remote clock offset: -0.237 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.22 Mbit/s

95th percentile per-packet one-way delay: 169.946 ms

Loss rate: 0.77%

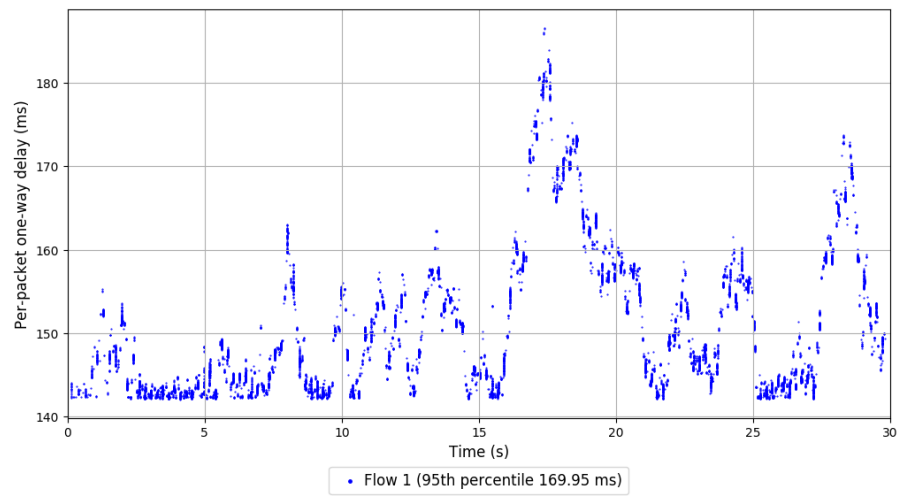
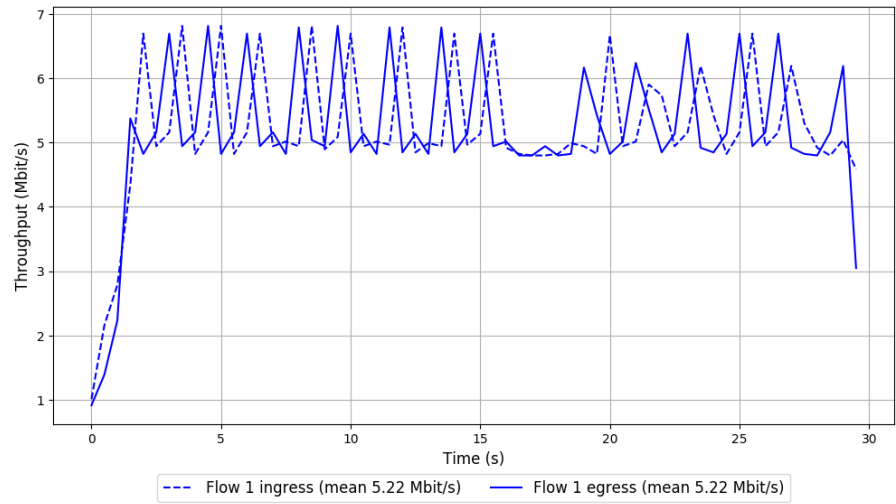
-- Flow 1:

Average throughput: 5.22 Mbit/s

95th percentile per-packet one-way delay: 169.946 ms

Loss rate: 0.77%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 02:22:41 +0000

End at: Tue, 25 Jul 2017 02:23:11 +0000

Local clock offset: 1.714 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 186.288 ms

Loss rate: 0.82%

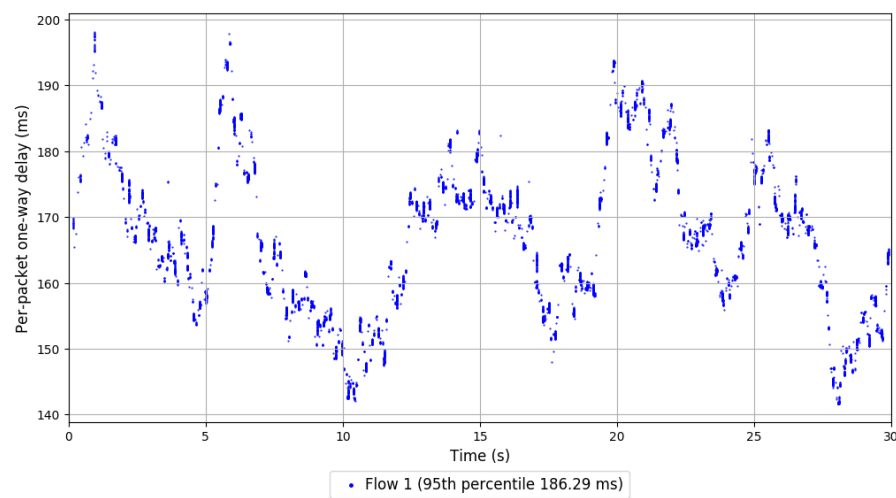
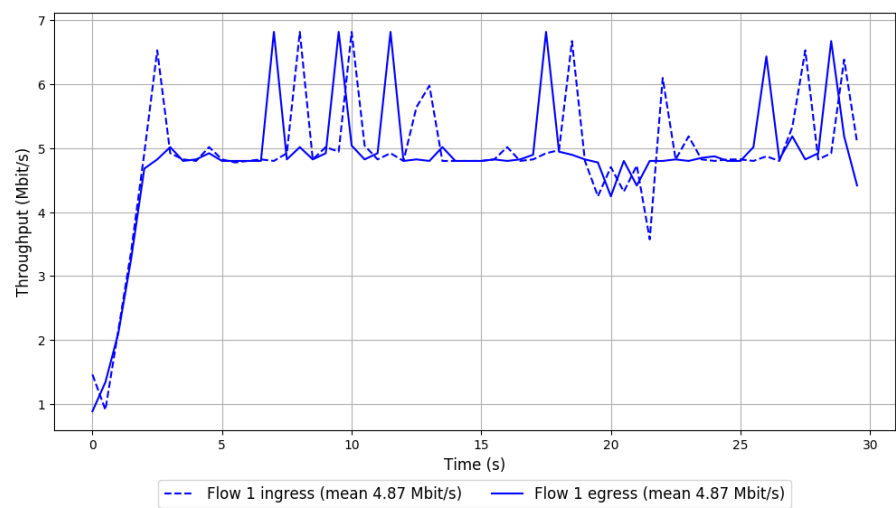
-- Flow 1:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 186.288 ms

Loss rate: 0.82%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:32:04 +0000

End at: Mon, 24 Jul 2017 23:32:34 +0000

Local clock offset: 1.253 ms

Remote clock offset: 6.867 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 142.972 ms

Loss rate: 1.43%

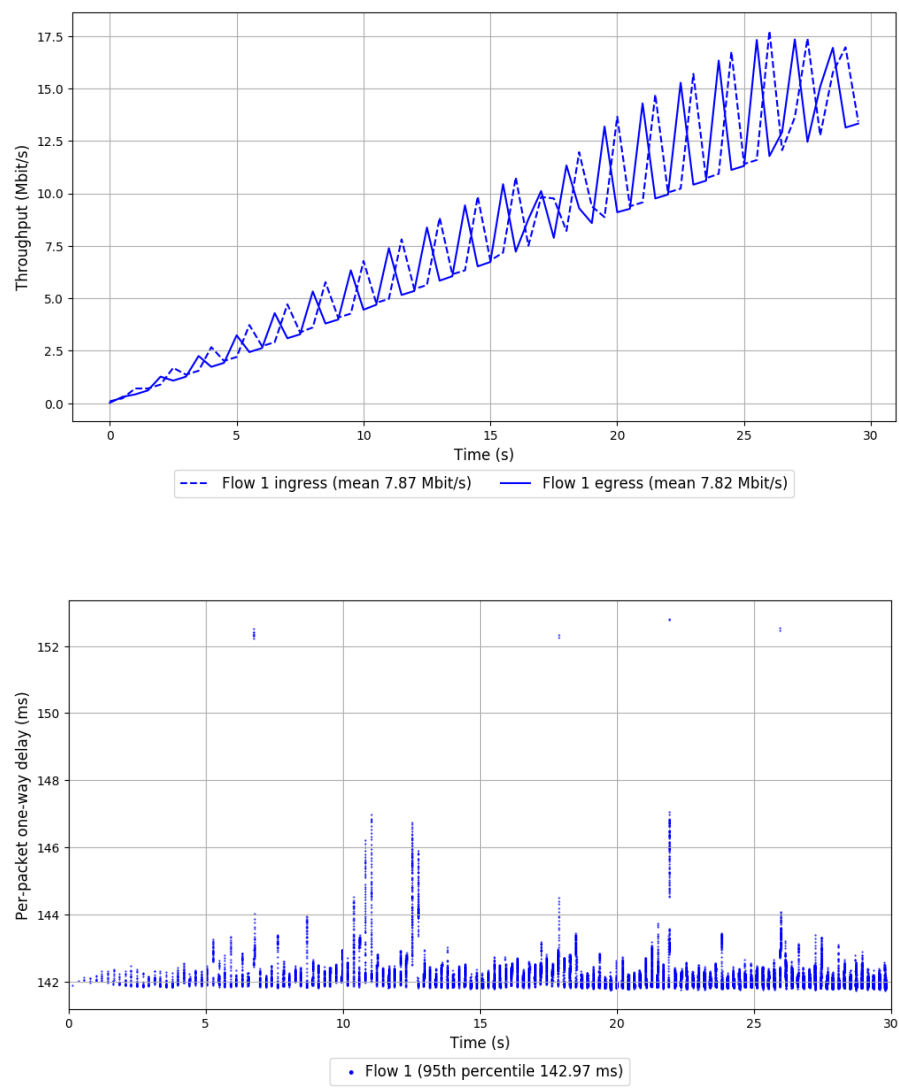
-- Flow 1:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 142.972 ms

Loss rate: 1.43%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:51:25 +0000

End at: Mon, 24 Jul 2017 23:51:55 +0000

Local clock offset: -0.0 ms

Remote clock offset: 5.456 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.02 Mbit/s

95th percentile per-packet one-way delay: 142.316 ms

Loss rate: 1.41%

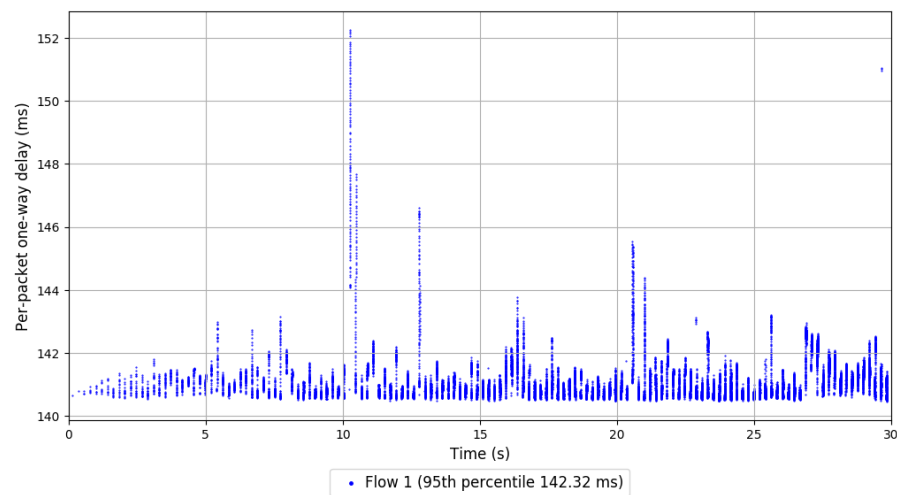
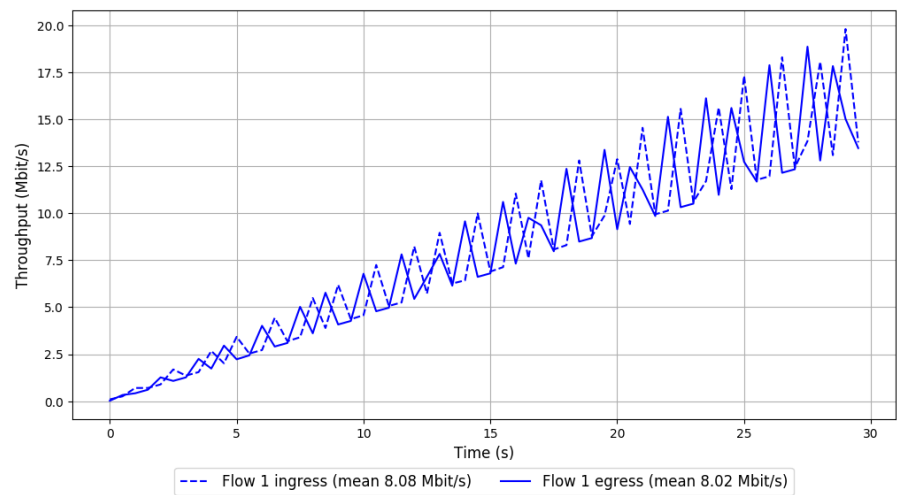
-- Flow 1:

Average throughput: 8.02 Mbit/s

95th percentile per-packet one-way delay: 142.316 ms

Loss rate: 1.41%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:10:36 +0000

End at: Tue, 25 Jul 2017 00:11:06 +0000

Local clock offset: 0.171 ms

Remote clock offset: 0.976 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.80 Mbit/s

95th percentile per-packet one-way delay: 142.747 ms

Loss rate: 1.43%

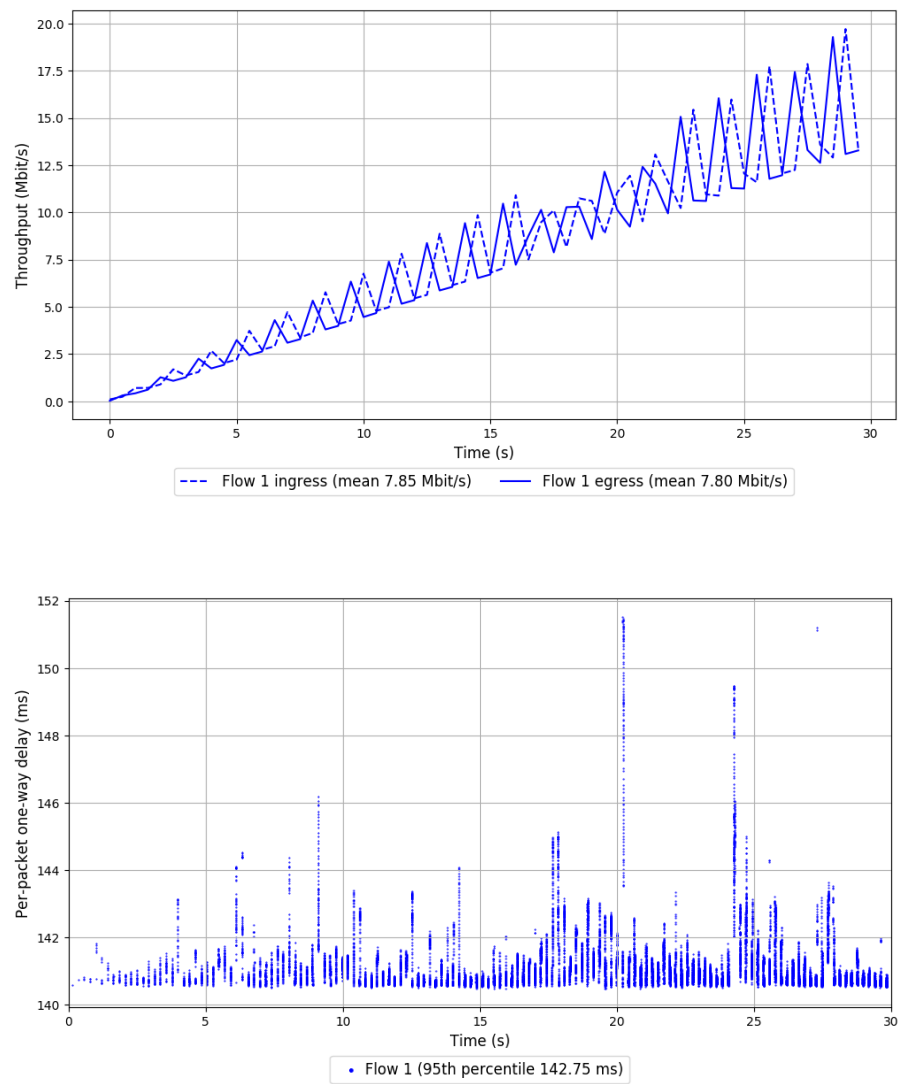
-- Flow 1:

Average throughput: 7.80 Mbit/s

95th percentile per-packet one-way delay: 142.747 ms

Loss rate: 1.43%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:29:45 +0000

End at: Tue, 25 Jul 2017 00:30:15 +0000

Local clock offset: 1.519 ms

Remote clock offset: 0.236 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.80 Mbit/s

95th percentile per-packet one-way delay: 143.995 ms

Loss rate: 1.43%

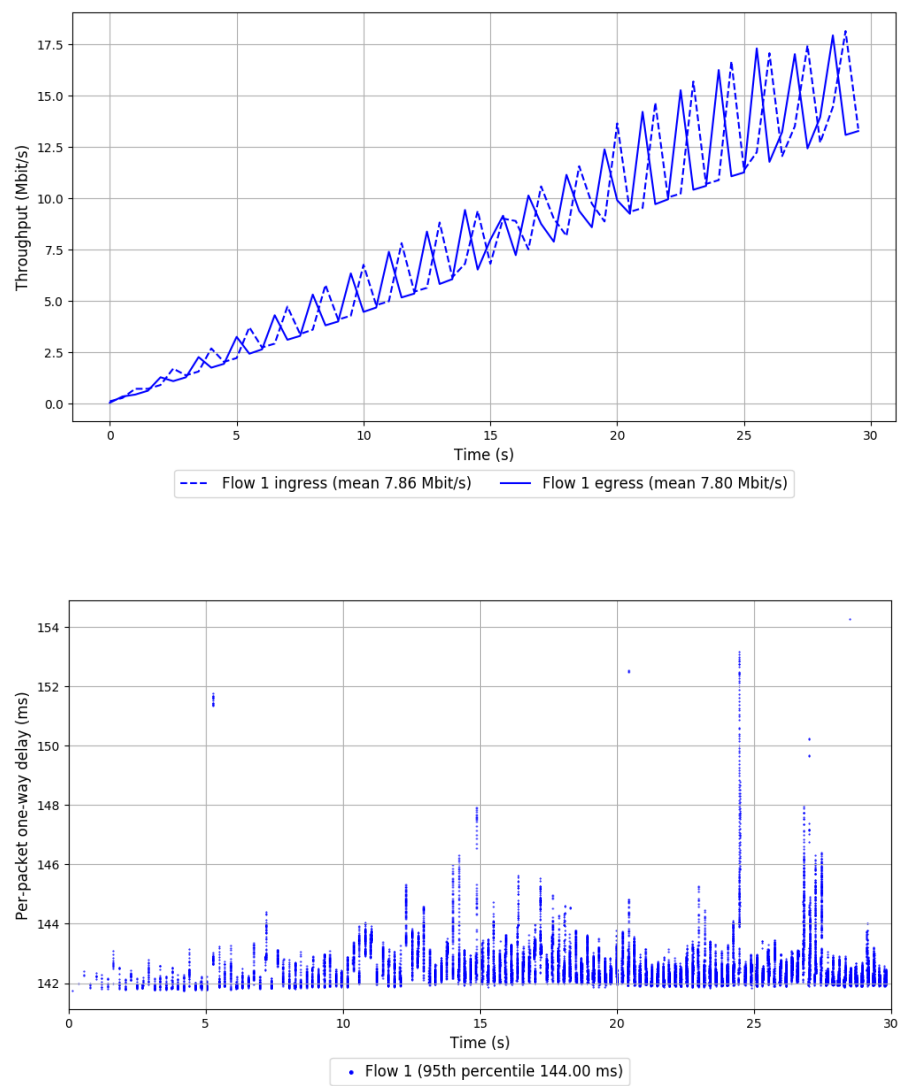
-- Flow 1:

Average throughput: 7.80 Mbit/s

95th percentile per-packet one-way delay: 143.995 ms

Loss rate: 1.43%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:48:51 +0000

End at: Tue, 25 Jul 2017 00:49:21 +0000

Local clock offset: 0.423 ms

Remote clock offset: 0.069 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.85 Mbit/s

95th percentile per-packet one-way delay: 150.079 ms

Loss rate: 1.41%

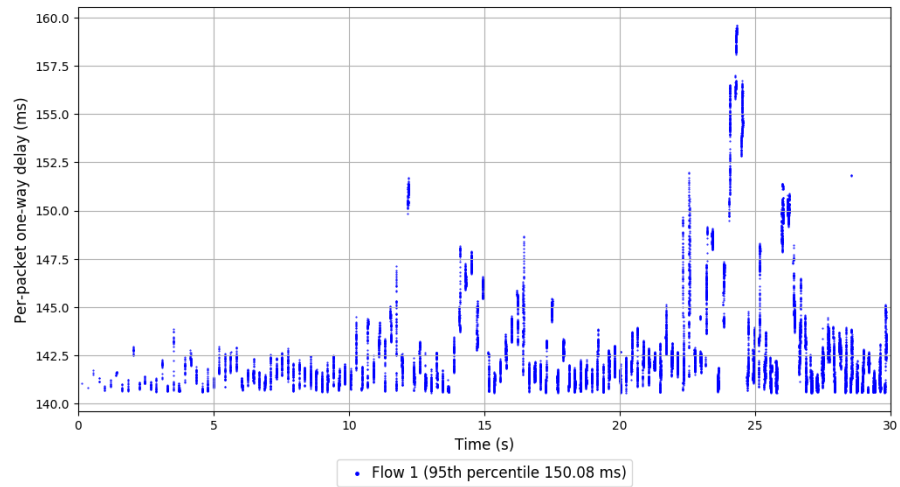
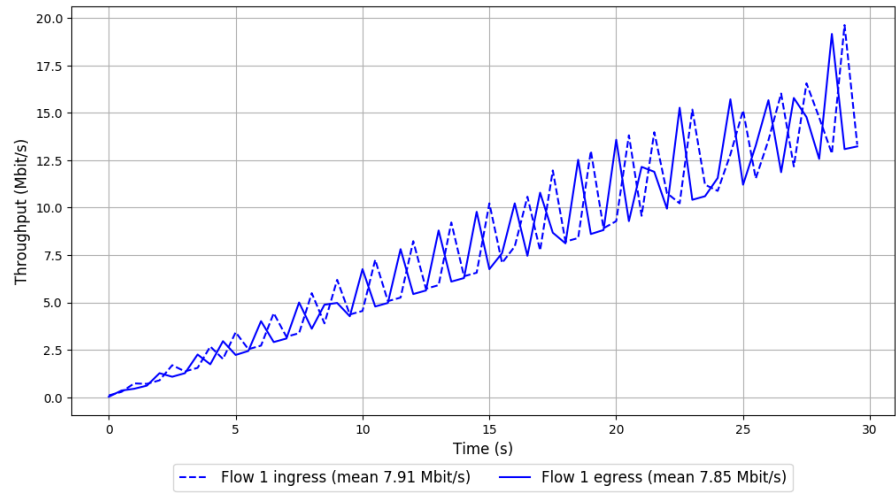
-- Flow 1:

Average throughput: 7.85 Mbit/s

95th percentile per-packet one-way delay: 150.079 ms

Loss rate: 1.41%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:07:53 +0000

End at: Tue, 25 Jul 2017 01:08:23 +0000

Local clock offset: 0.494 ms

Remote clock offset: -0.31 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.31 Mbit/s

95th percentile per-packet one-way delay: 154.490 ms

Loss rate: 1.45%

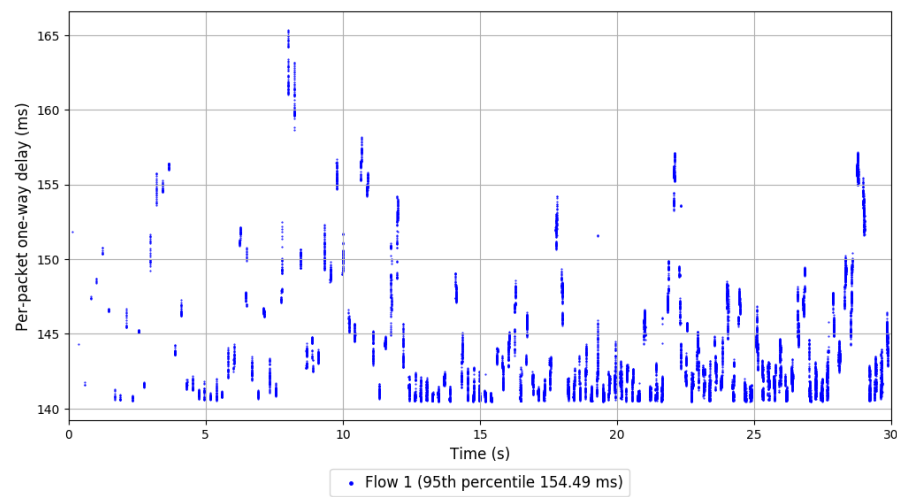
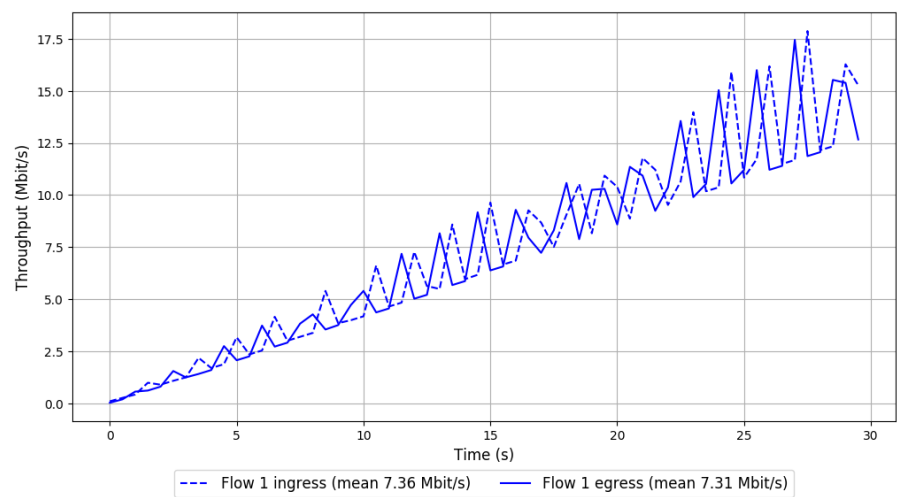
-- Flow 1:

Average throughput: 7.31 Mbit/s

95th percentile per-packet one-way delay: 154.490 ms

Loss rate: 1.45%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:26:56 +0000

End at: Tue, 25 Jul 2017 01:27:26 +0000

Local clock offset: 1.732 ms

Remote clock offset: -11.676 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.58 Mbit/s

95th percentile per-packet one-way delay: 145.073 ms

Loss rate: 1.44%

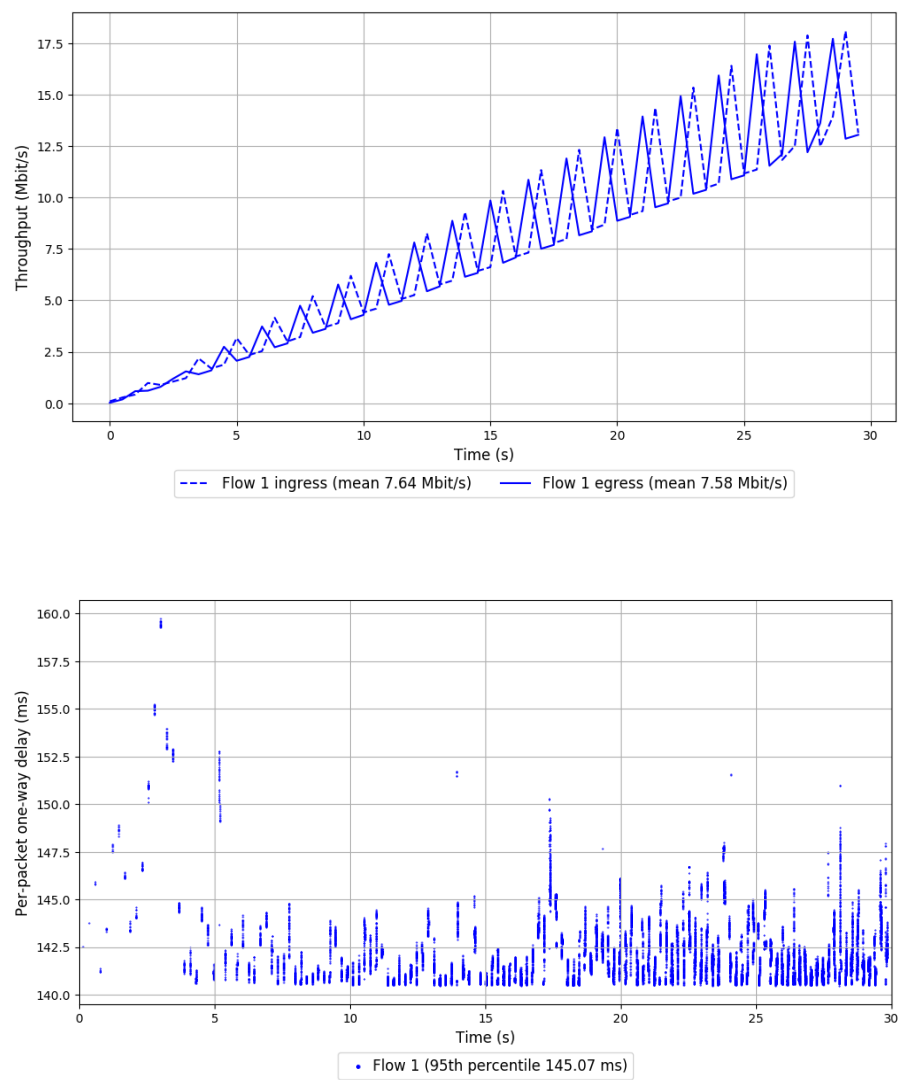
-- Flow 1:

Average throughput: 7.58 Mbit/s

95th percentile per-packet one-way delay: 145.073 ms

Loss rate: 1.44%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:45:56 +0000

End at: Tue, 25 Jul 2017 01:46:26 +0000

Local clock offset: 1.671 ms

Remote clock offset: 3.048 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.74 Mbit/s

95th percentile per-packet one-way delay: 167.115 ms

Loss rate: 1.55%

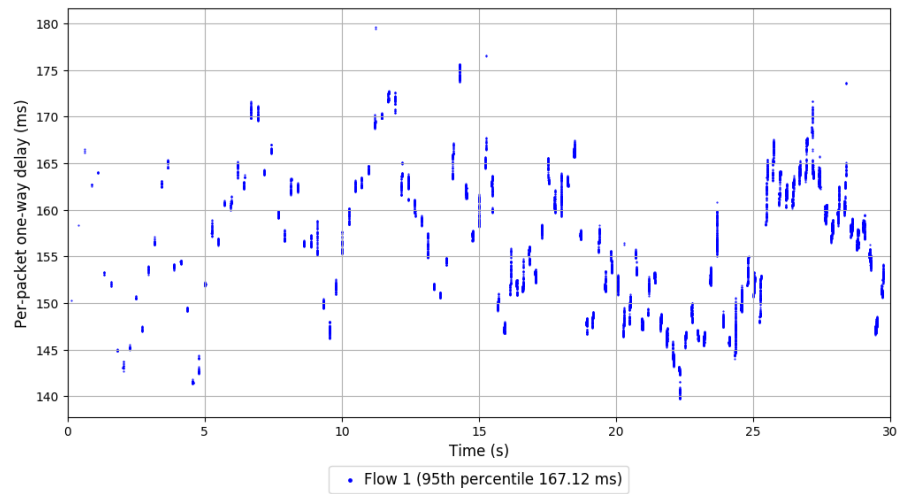
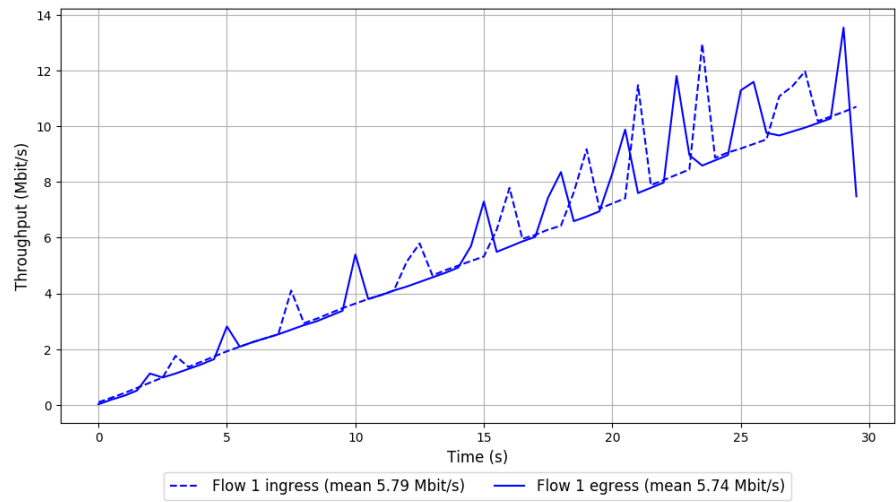
-- Flow 1:

Average throughput: 5.74 Mbit/s

95th percentile per-packet one-way delay: 167.115 ms

Loss rate: 1.55%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 02:05:01 +0000

End at: Tue, 25 Jul 2017 02:05:31 +0000

Local clock offset: 0.56 ms

Remote clock offset: -0.187 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.01 Mbit/s

95th percentile per-packet one-way delay: 162.865 ms

Loss rate: 1.48%

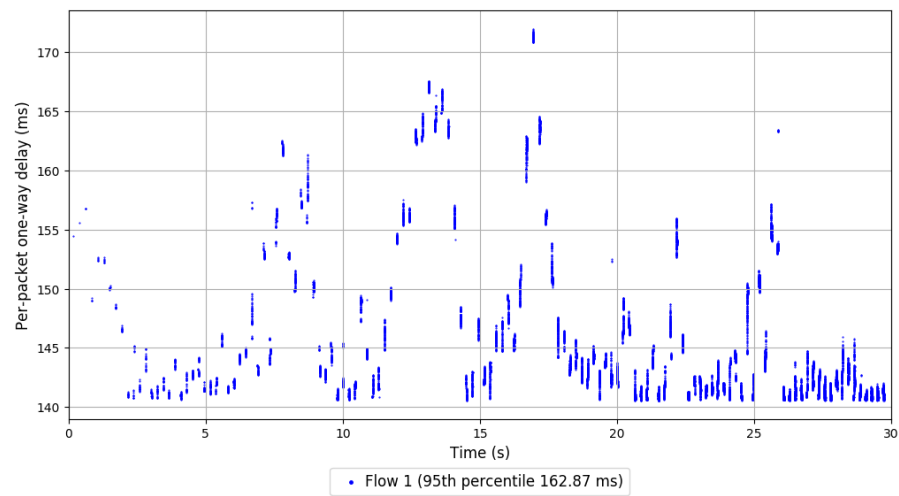
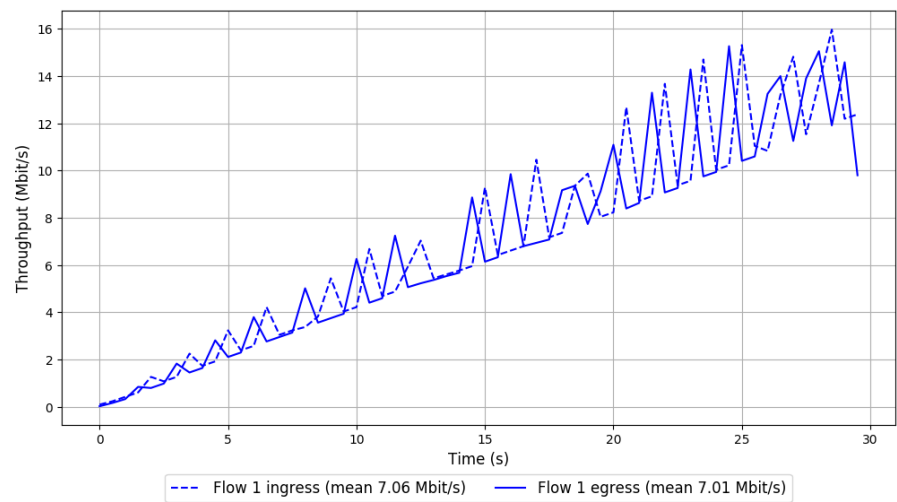
-- Flow 1:

Average throughput: 7.01 Mbit/s

95th percentile per-packet one-way delay: 162.865 ms

Loss rate: 1.48%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 02:23:56 +0000

End at: Tue, 25 Jul 2017 02:24:26 +0000

Local clock offset: 0.543 ms

Remote clock offset: -0.119 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.71 Mbit/s

95th percentile per-packet one-way delay: 208.320 ms

Loss rate: 1.47%

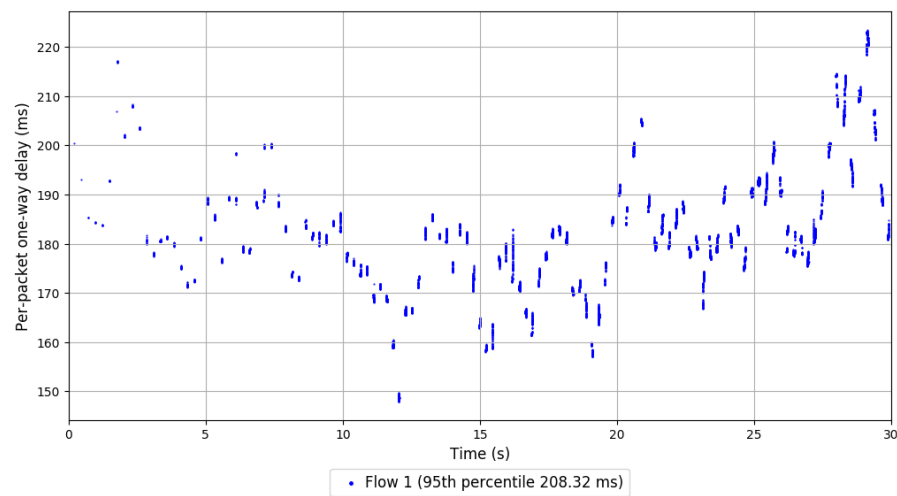
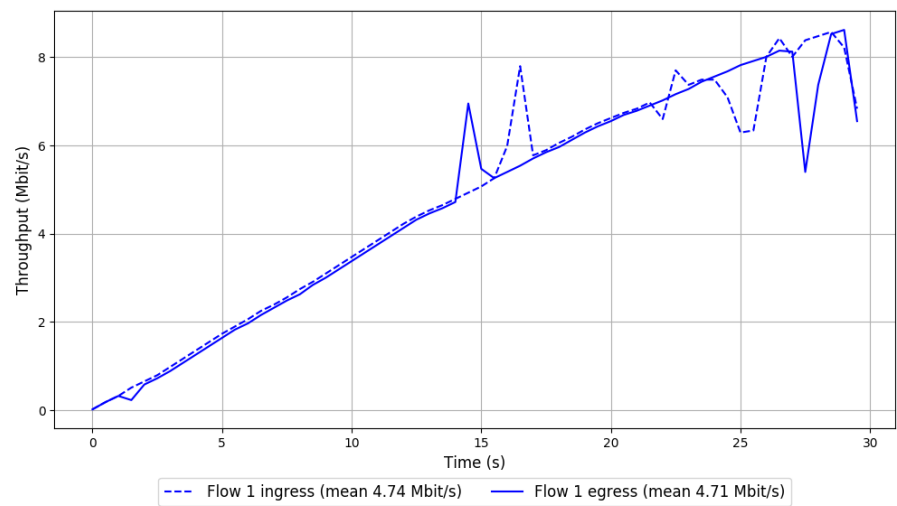
-- Flow 1:

Average throughput: 4.71 Mbit/s

95th percentile per-packet one-way delay: 208.320 ms

Loss rate: 1.47%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:19:12 +0000

End at: Mon, 24 Jul 2017 23:19:42 +0000

Local clock offset: -0.026 ms

Remote clock offset: 7.781 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 140.602 ms

Loss rate: 2.19%

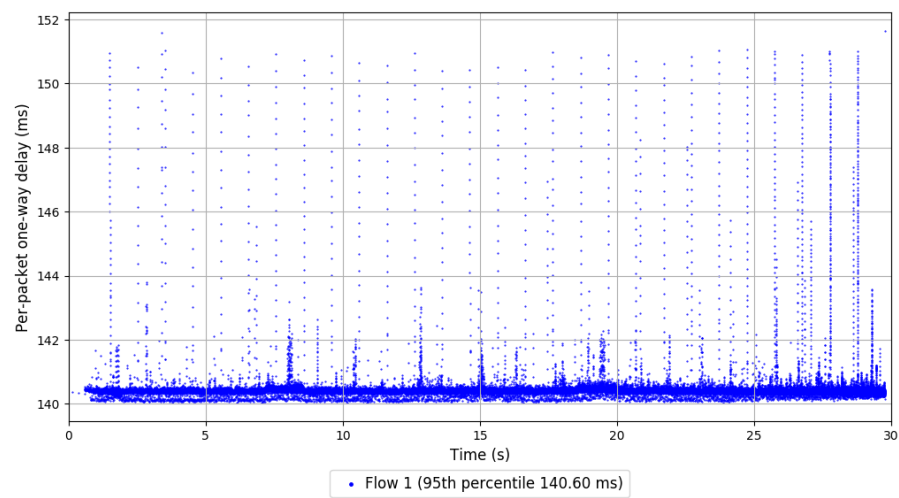
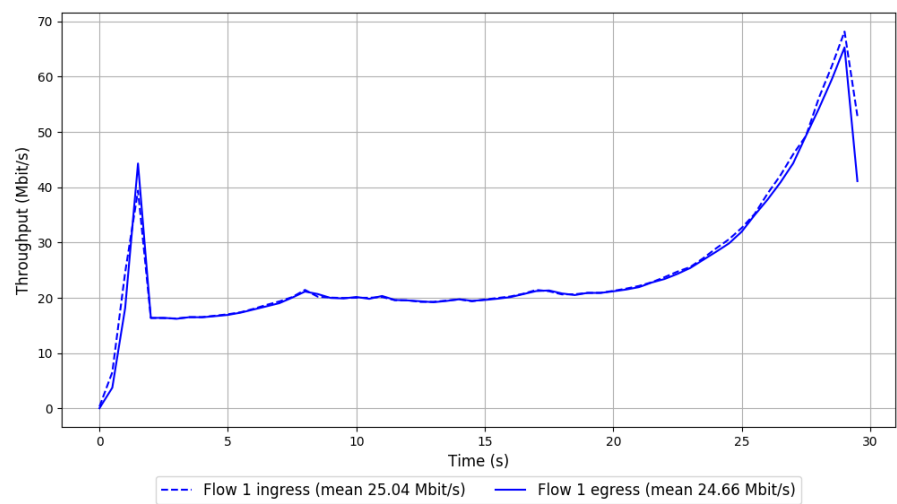
-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 140.602 ms

Loss rate: 2.19%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:38:22 +0000

End at: Mon, 24 Jul 2017 23:38:52 +0000

Local clock offset: 1.28 ms

Remote clock offset: 6.44 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.93 Mbit/s

95th percentile per-packet one-way delay: 144.491 ms

Loss rate: 1.11%

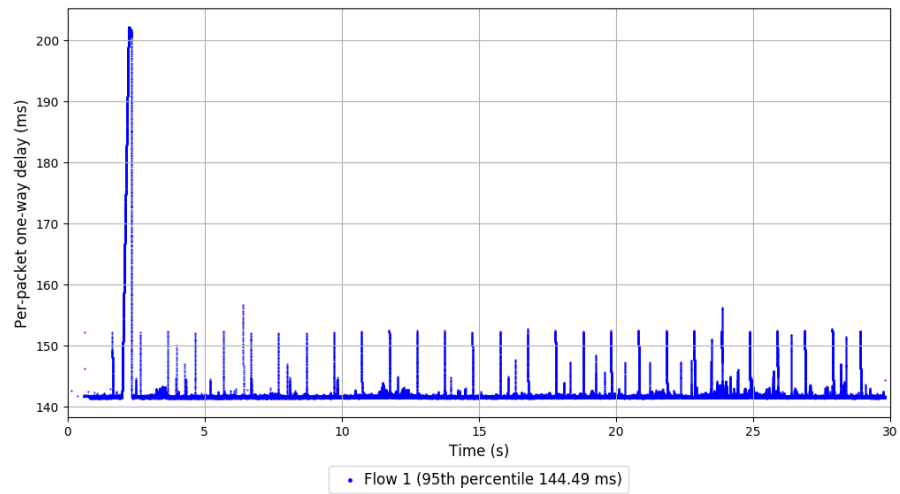
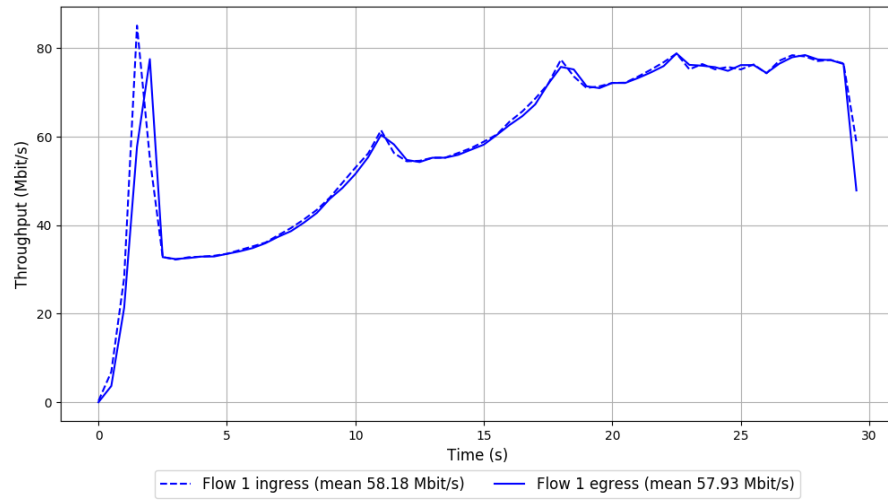
-- Flow 1:

Average throughput: 57.93 Mbit/s

95th percentile per-packet one-way delay: 144.491 ms

Loss rate: 1.11%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:57:44 +0000

End at: Mon, 24 Jul 2017 23:58:14 +0000

Local clock offset: 0.084 ms

Remote clock offset: 5.04 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.69 Mbit/s

95th percentile per-packet one-way delay: 146.847 ms

Loss rate: 1.24%

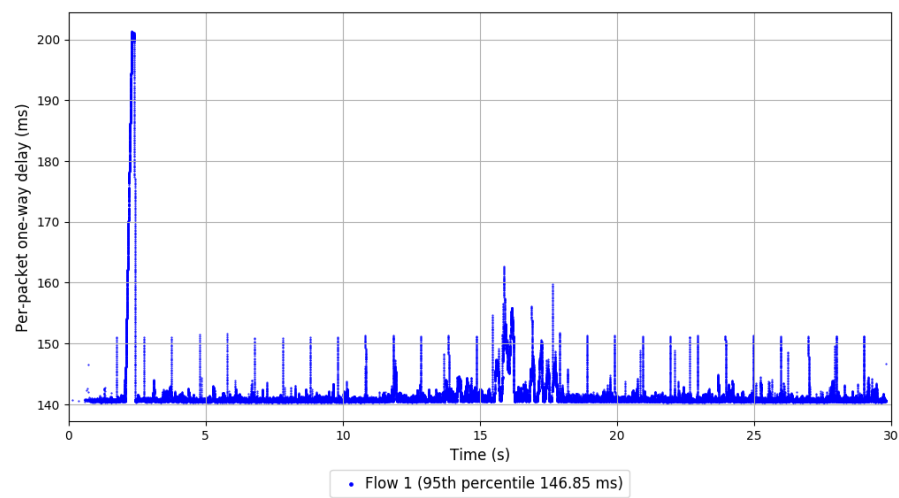
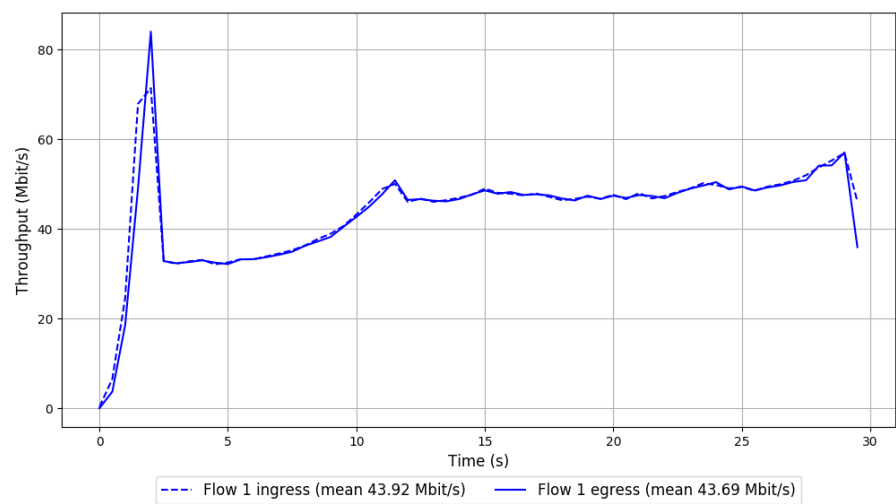
-- Flow 1:

Average throughput: 43.69 Mbit/s

95th percentile per-packet one-way delay: 146.847 ms

Loss rate: 1.24%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:16:51 +0000

End at: Tue, 25 Jul 2017 00:17:22 +0000

Local clock offset: 1.362 ms

Remote clock offset: 0.32 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 156.713 ms

Loss rate: 1.16%

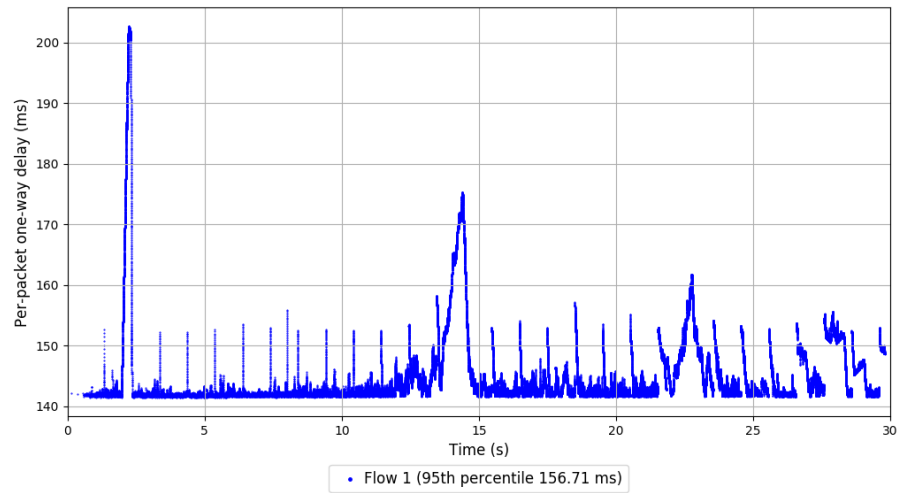
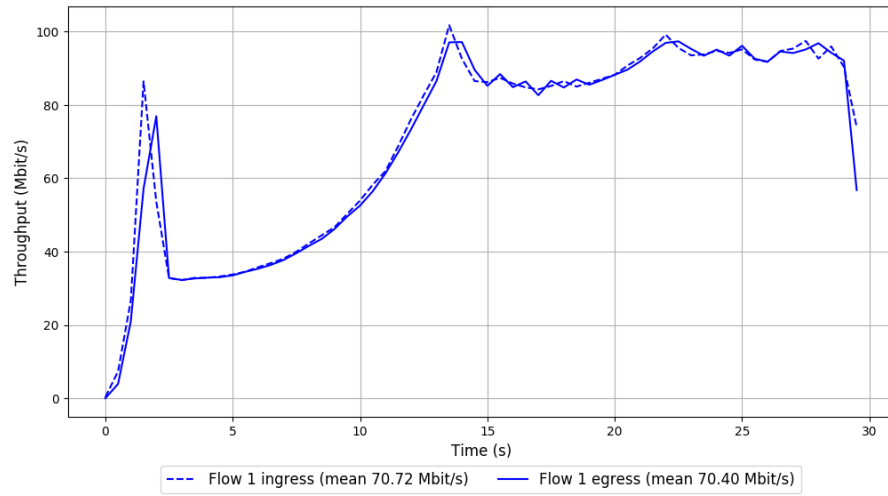
-- Flow 1:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 156.713 ms

Loss rate: 1.16%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:36:02 +0000

End at: Tue, 25 Jul 2017 00:36:32 +0000

Local clock offset: 0.318 ms

Remote clock offset: 0.822 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:45:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 148.121 ms

Loss rate: 1.19%

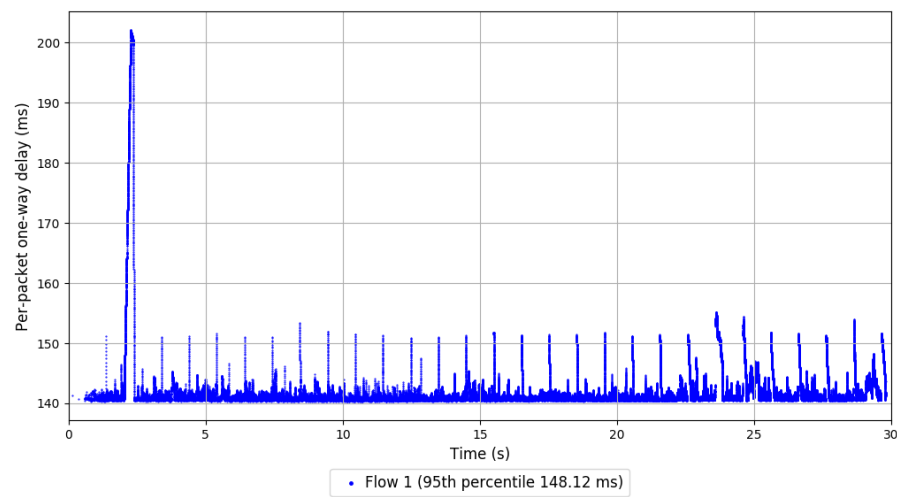
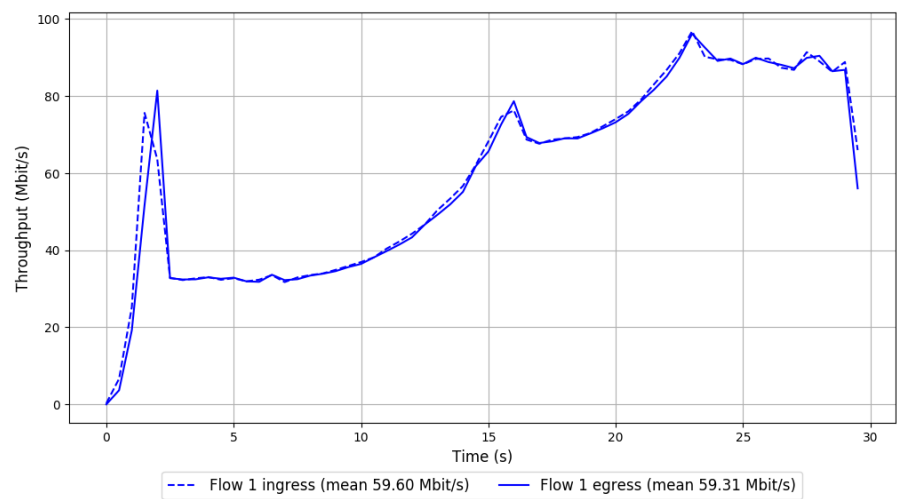
-- Flow 1:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 148.121 ms

Loss rate: 1.19%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:55:04 +0000

End at: Tue, 25 Jul 2017 00:55:34 +0000

Local clock offset: 0.441 ms

Remote clock offset: -0.283 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.80 Mbit/s

95th percentile per-packet one-way delay: 149.593 ms

Loss rate: 1.05%

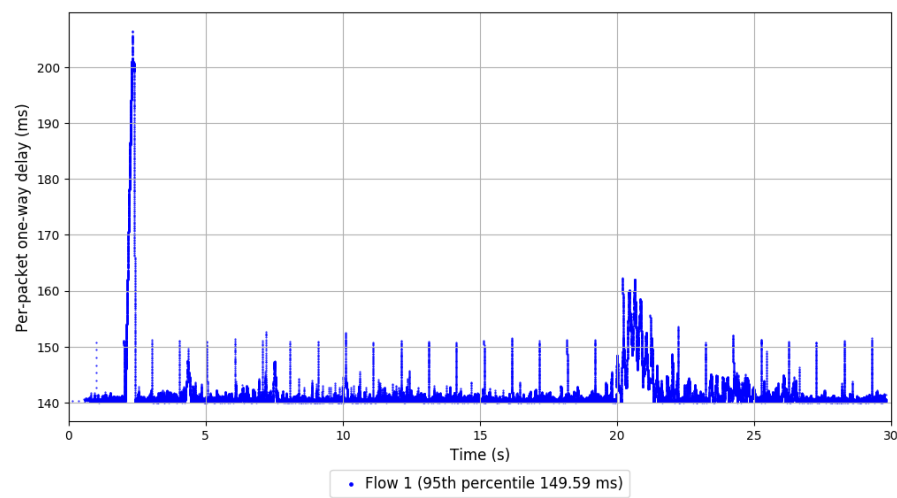
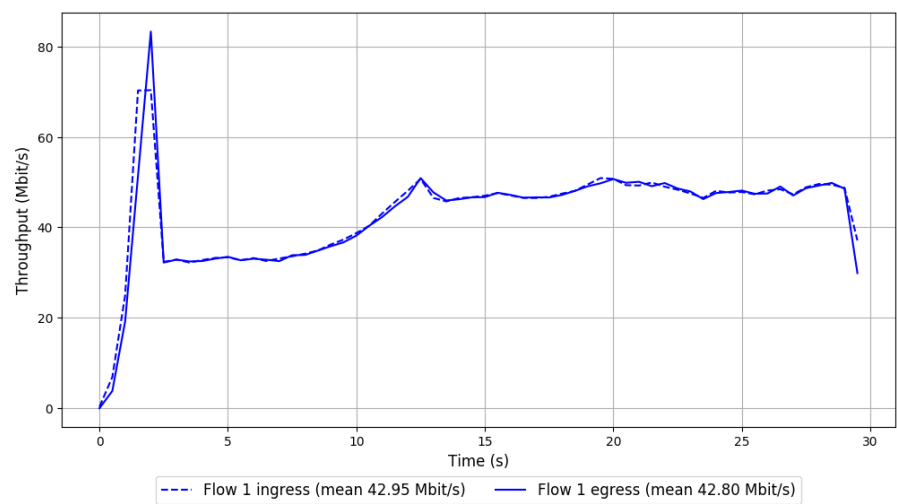
-- Flow 1:

Average throughput: 42.80 Mbit/s

95th percentile per-packet one-way delay: 149.593 ms

Loss rate: 1.05%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:14:09 +0000

End at: Tue, 25 Jul 2017 01:14:39 +0000

Local clock offset: 0.487 ms

Remote clock offset: -0.049 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.75 Mbit/s

95th percentile per-packet one-way delay: 150.519 ms

Loss rate: 1.07%

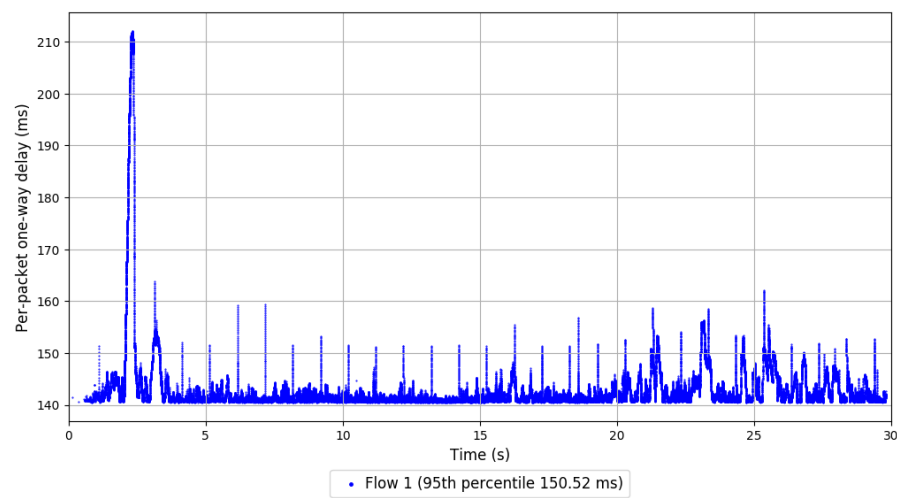
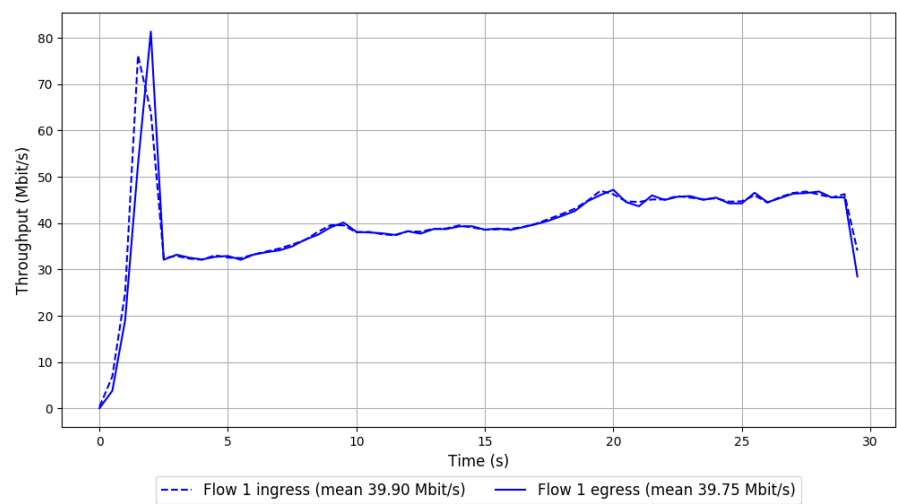
-- Flow 1:

Average throughput: 39.75 Mbit/s

95th percentile per-packet one-way delay: 150.519 ms

Loss rate: 1.07%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

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

End at: Tue, 25 Jul 2017 01:33:39 +0000

Local clock offset: 1.779 ms

Remote clock offset: -7.238 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.41 Mbit/s

95th percentile per-packet one-way delay: 185.451 ms

Loss rate: 1.12%

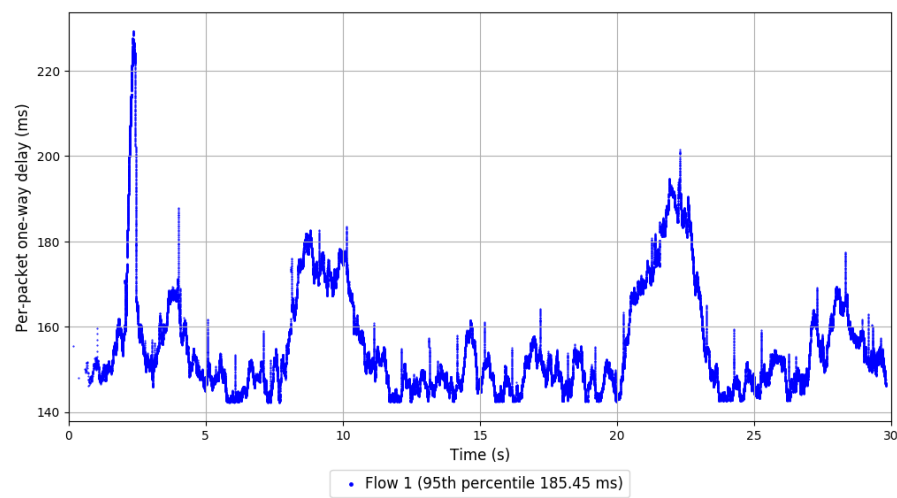
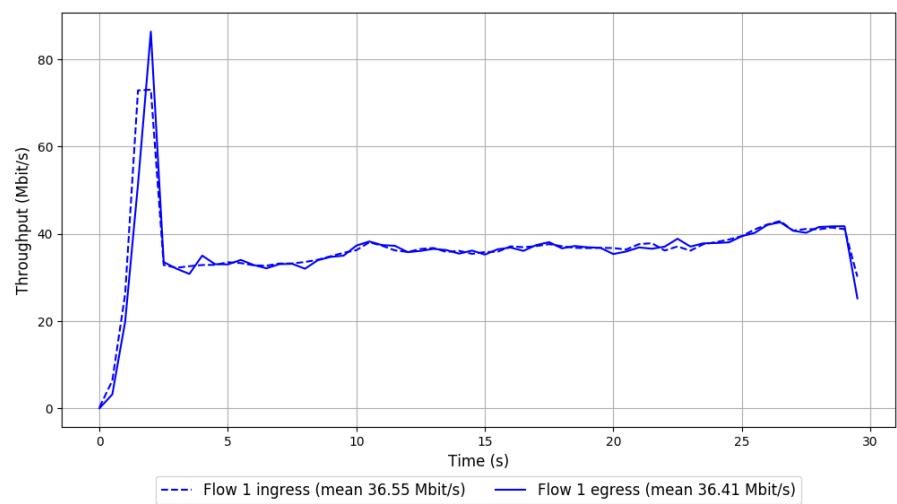
-- Flow 1:

Average throughput: 36.41 Mbit/s

95th percentile per-packet one-way delay: 185.451 ms

Loss rate: 1.12%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:52:14 +0000

End at: Tue, 25 Jul 2017 01:52:44 +0000

Local clock offset: 0.559 ms

Remote clock offset: -0.967 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.11 Mbit/s

95th percentile per-packet one-way delay: 152.089 ms

Loss rate: 1.04%

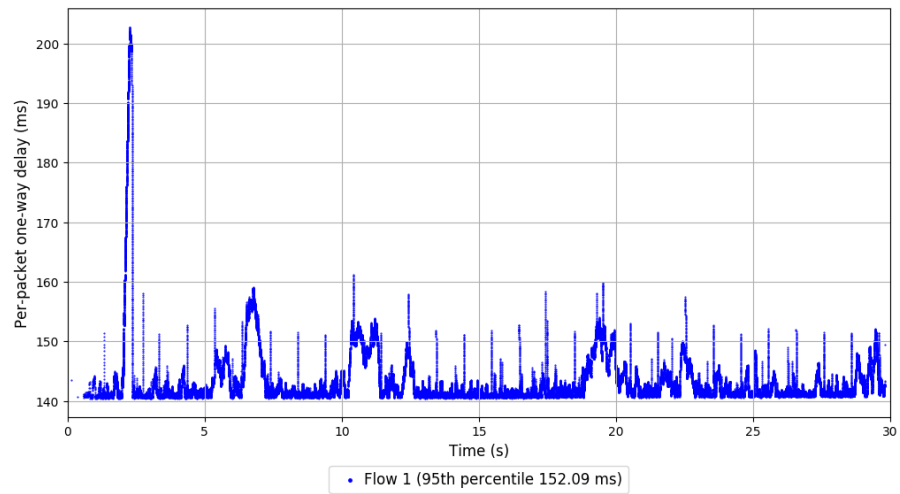
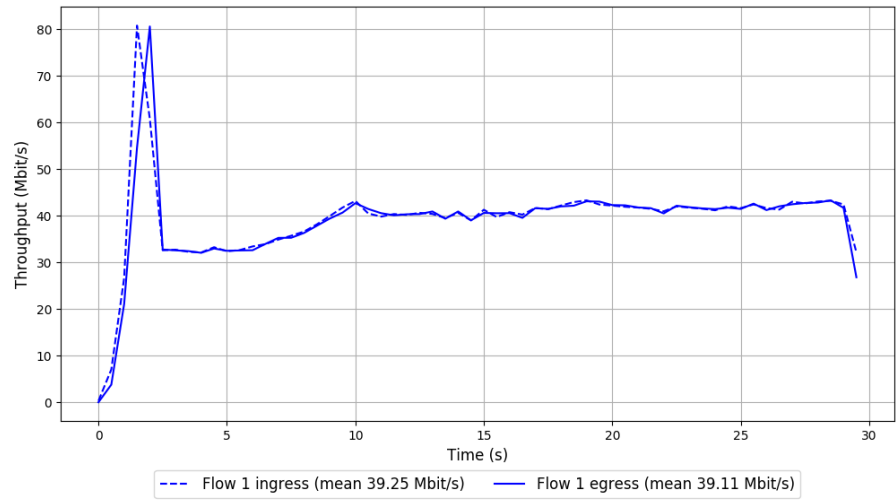
-- Flow 1:

Average throughput: 39.11 Mbit/s

95th percentile per-packet one-way delay: 152.089 ms

Loss rate: 1.04%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 25 Jul 2017 02:11:19 +0000

End at: Tue, 25 Jul 2017 02:11:49 +0000

Local clock offset: 0.515 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.17 Mbit/s

95th percentile per-packet one-way delay: 176.367 ms

Loss rate: 1.05%

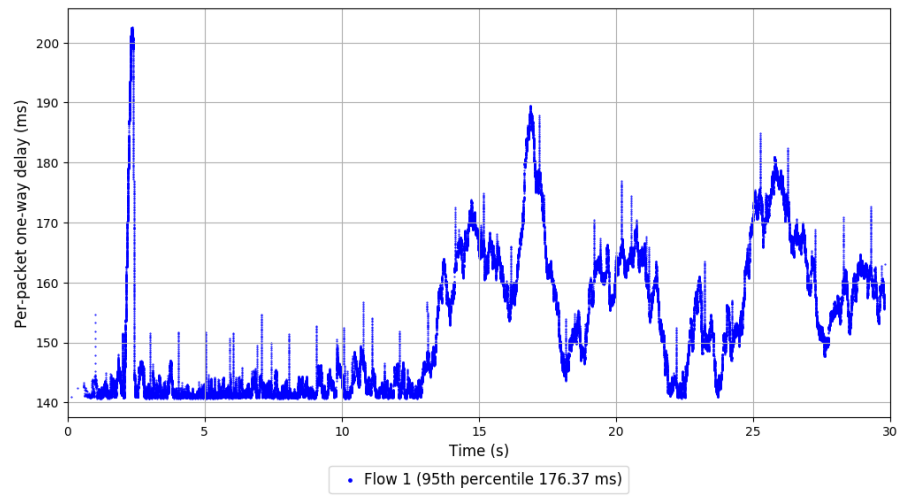
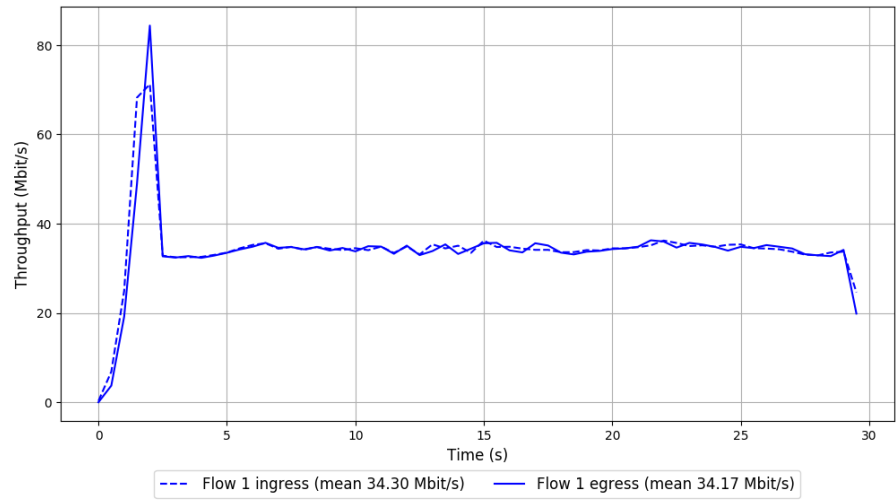
-- Flow 1:

Average throughput: 34.17 Mbit/s

95th percentile per-packet one-way delay: 176.367 ms

Loss rate: 1.05%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

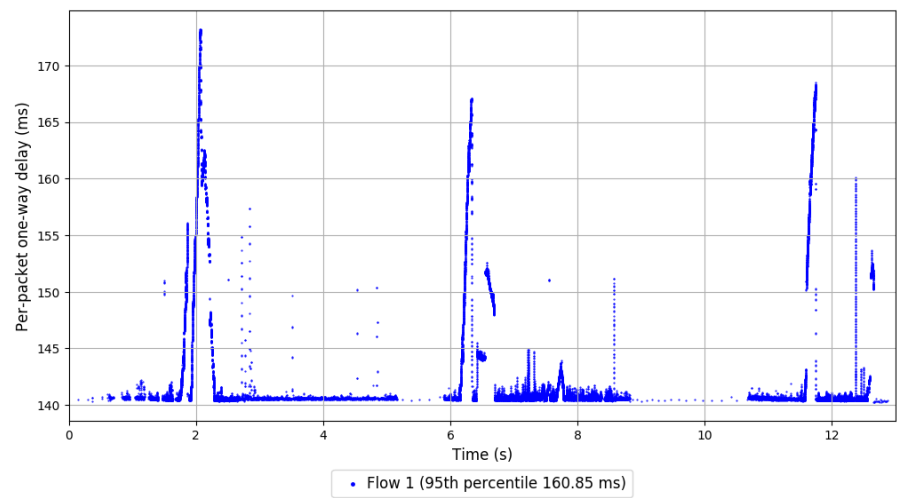
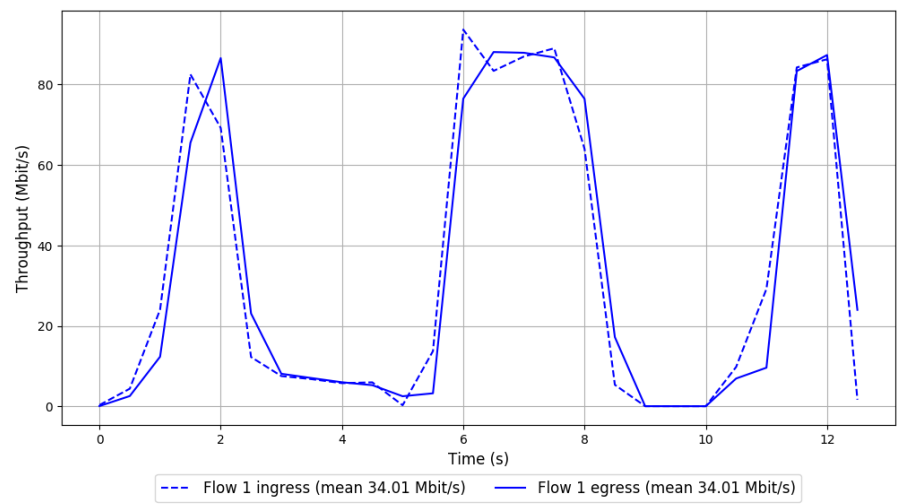
Start at: Mon, 24 Jul 2017 23:26:55 +0000

End at: Mon, 24 Jul 2017 23:27:25 +0000

Local clock offset: -0.001 ms

Remote clock offset: 7.338 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

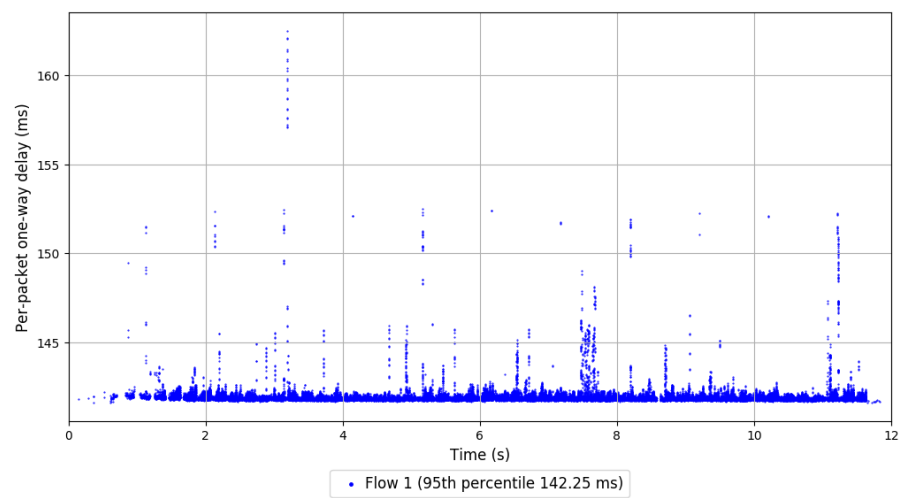
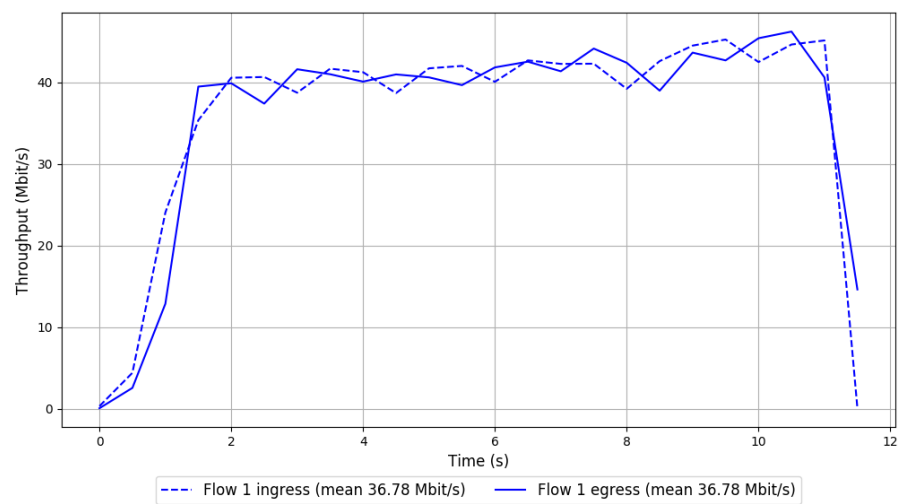
Start at: Mon, 24 Jul 2017 23:46:14 +0000

End at: Mon, 24 Jul 2017 23:46:44 +0000

Local clock offset: 1.344 ms

Remote clock offset: 5.895 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

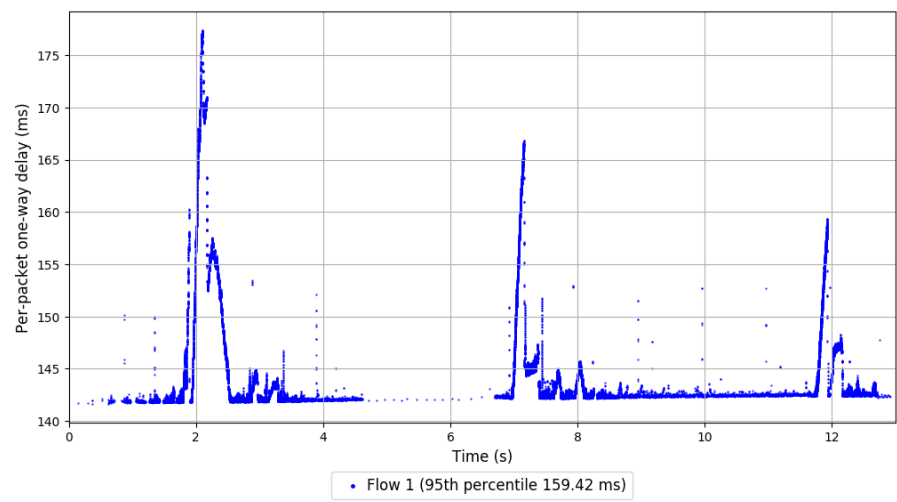
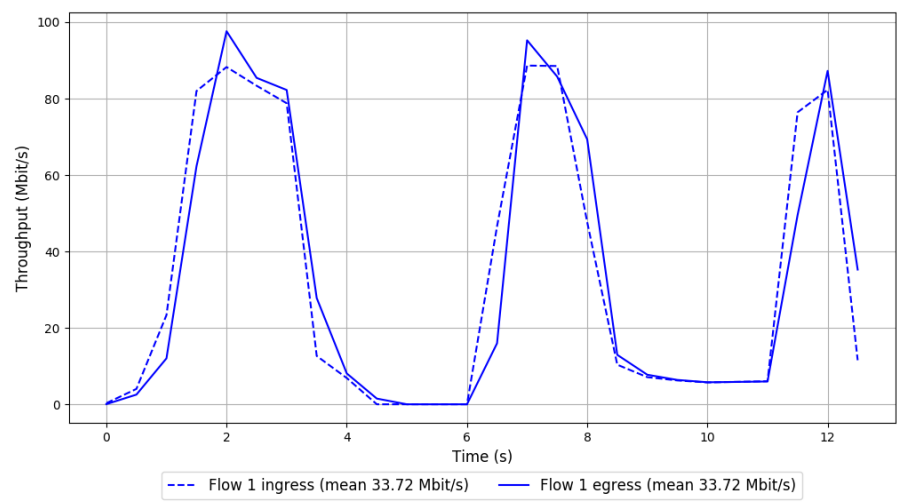
Start at: Tue, 25 Jul 2017 00:05:26 +0000

End at: Tue, 25 Jul 2017 00:05:56 +0000

Local clock offset: 0.116 ms

Remote clock offset: -3.58 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

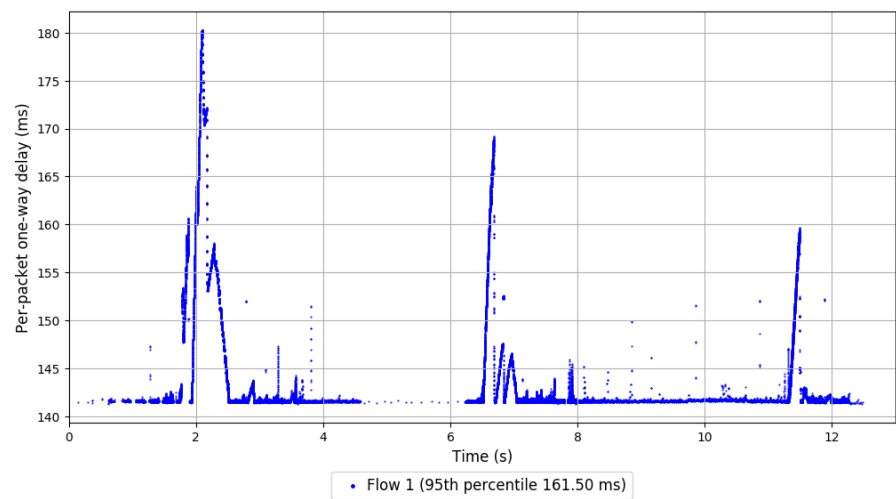
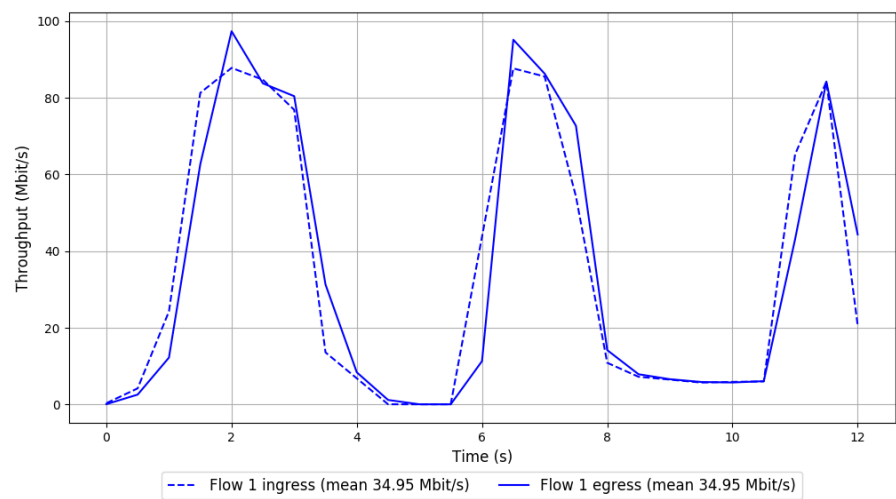
Start at: Tue, 25 Jul 2017 00:24:38 +0000

End at: Tue, 25 Jul 2017 00:25:08 +0000

Local clock offset: 1.456 ms

Remote clock offset: 0.201 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

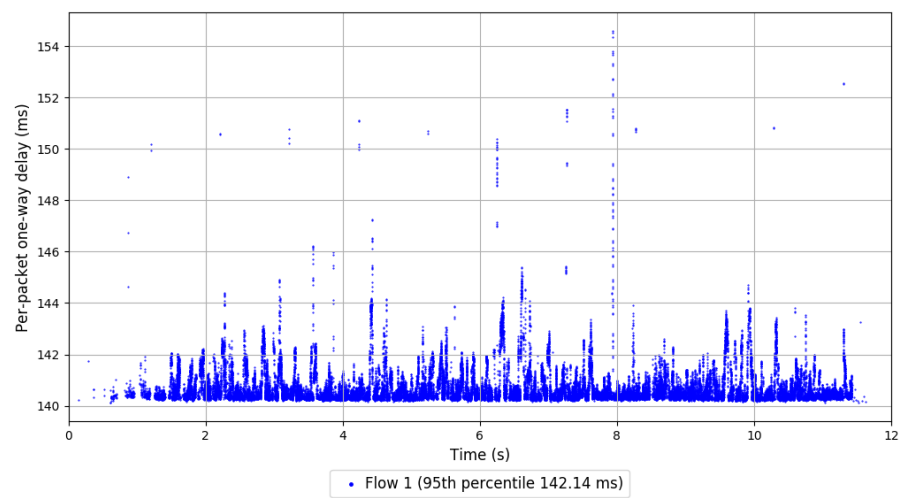
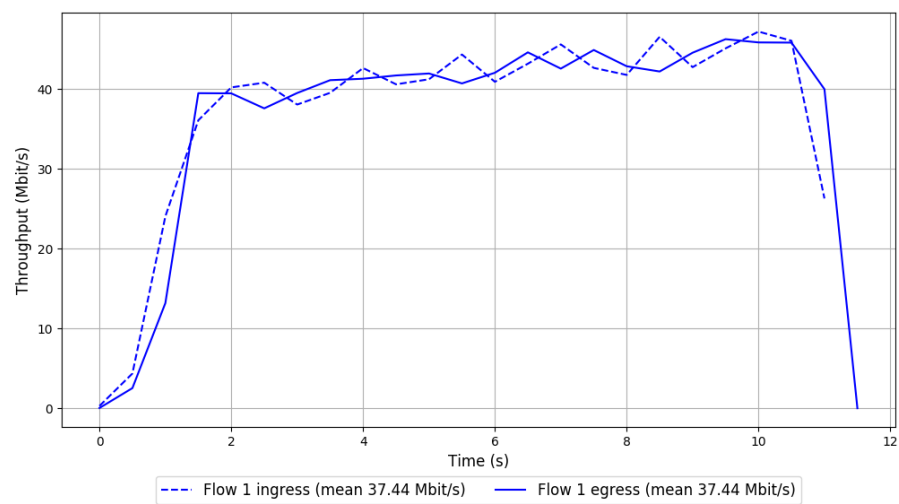
Start at: Tue, 25 Jul 2017 00:43:47 +0000

End at: Tue, 25 Jul 2017 00:44:17 +0000

Local clock offset: 0.41 ms

Remote clock offset: 0.243 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

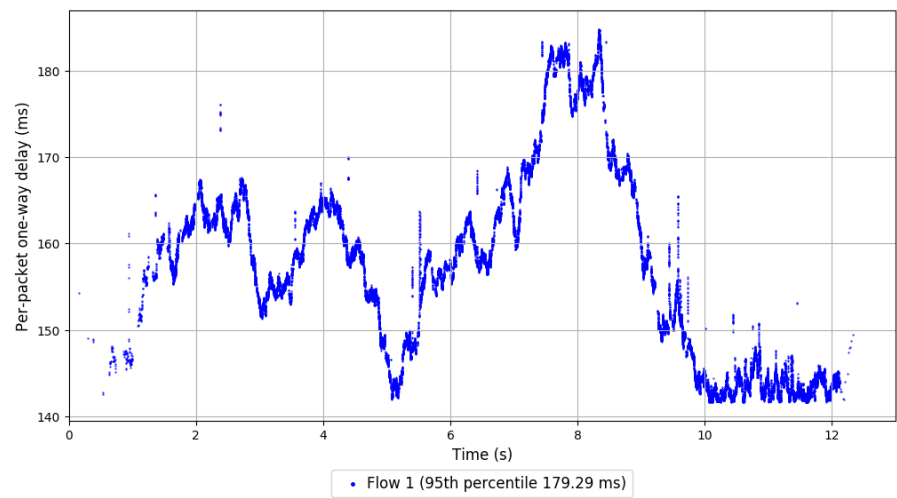
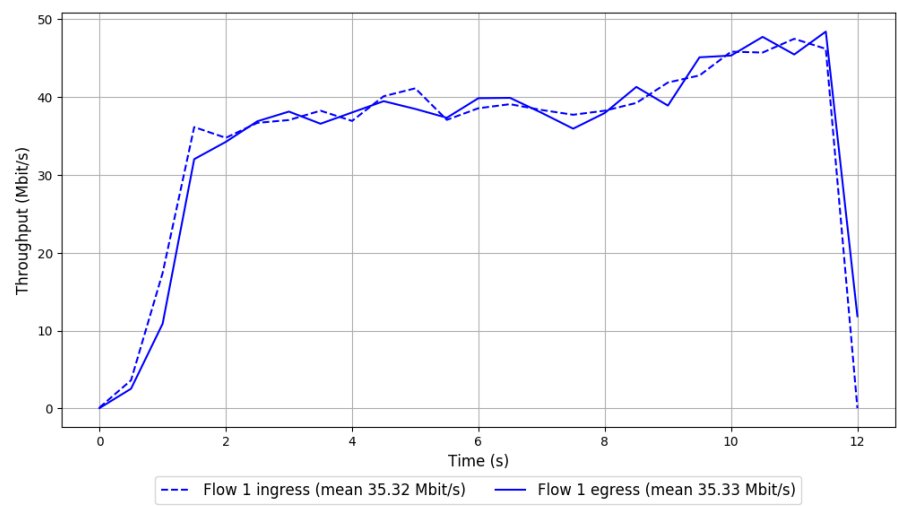
Start at: Tue, 25 Jul 2017 01:02:50 +0000

End at: Tue, 25 Jul 2017 01:03:20 +0000

Local clock offset: 1.721 ms

Remote clock offset: -0.28 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

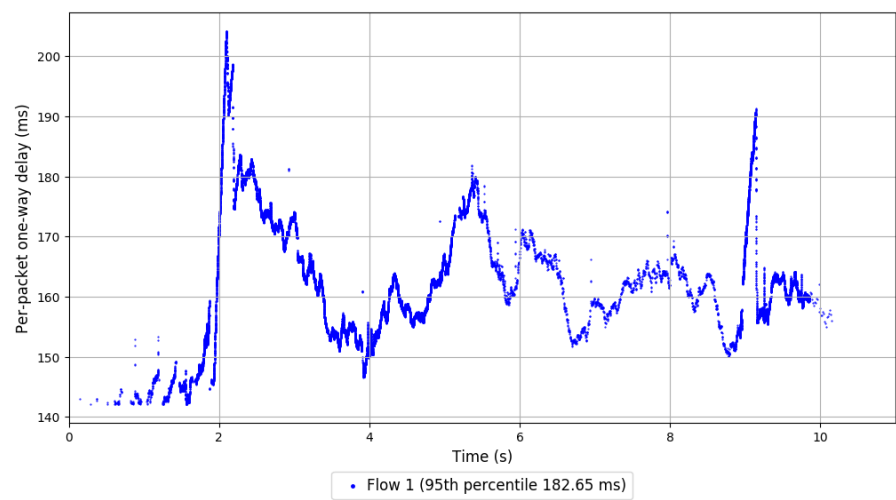
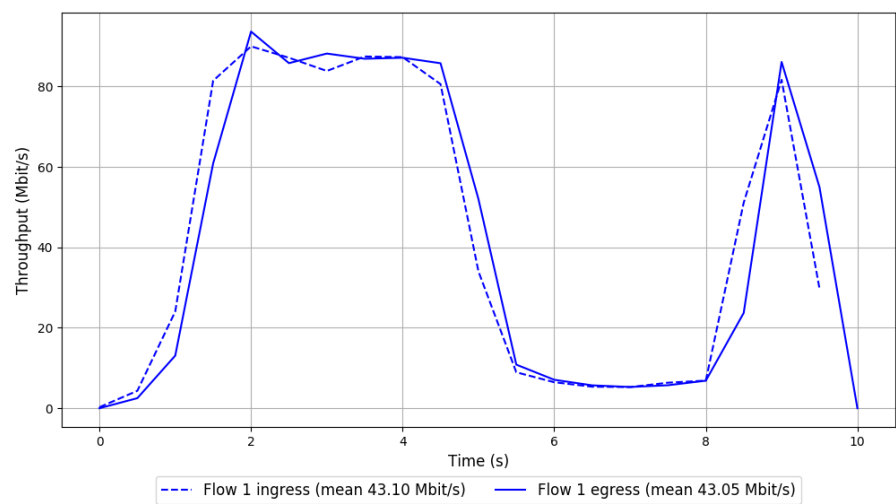
Start at: Tue, 25 Jul 2017 01:21:51 +0000

End at: Tue, 25 Jul 2017 01:22:21 +0000

Local clock offset: 1.784 ms

Remote clock offset: -0.139 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

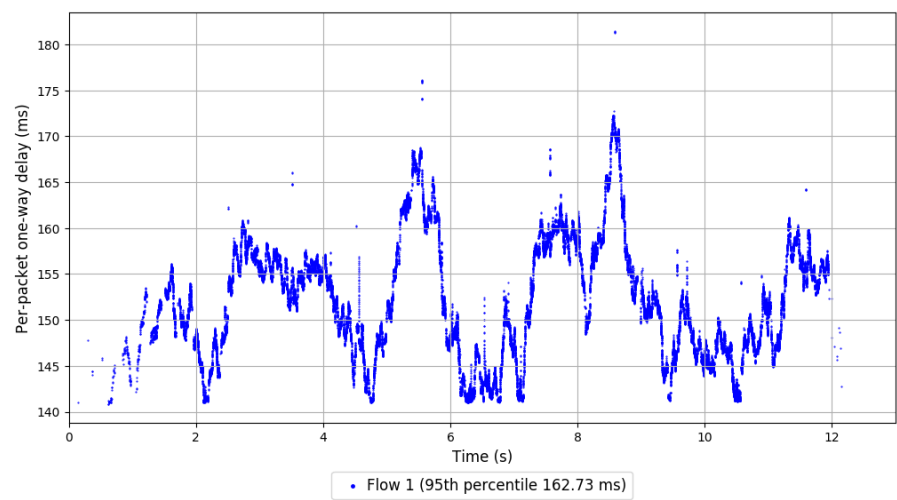
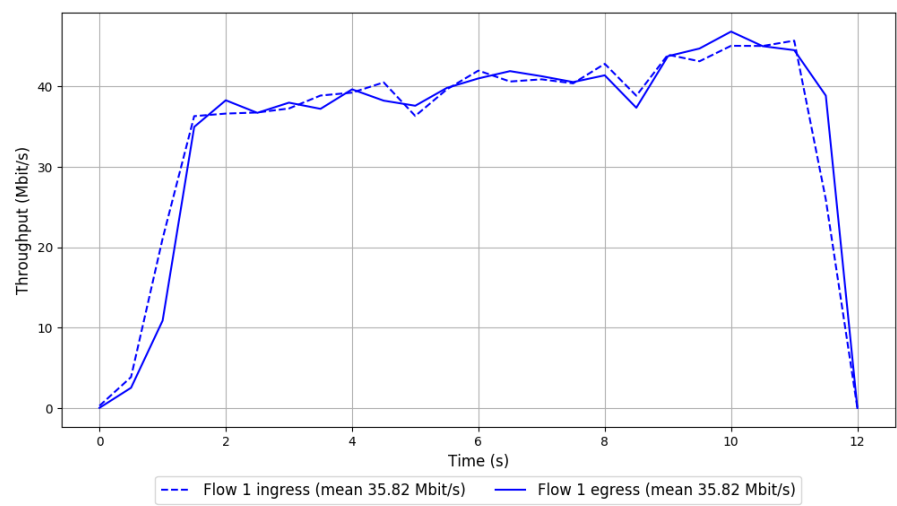
Start at: Tue, 25 Jul 2017 01:40:52 +0000

End at: Tue, 25 Jul 2017 01:41:22 +0000

Local clock offset: 0.492 ms

Remote clock offset: 0.372 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

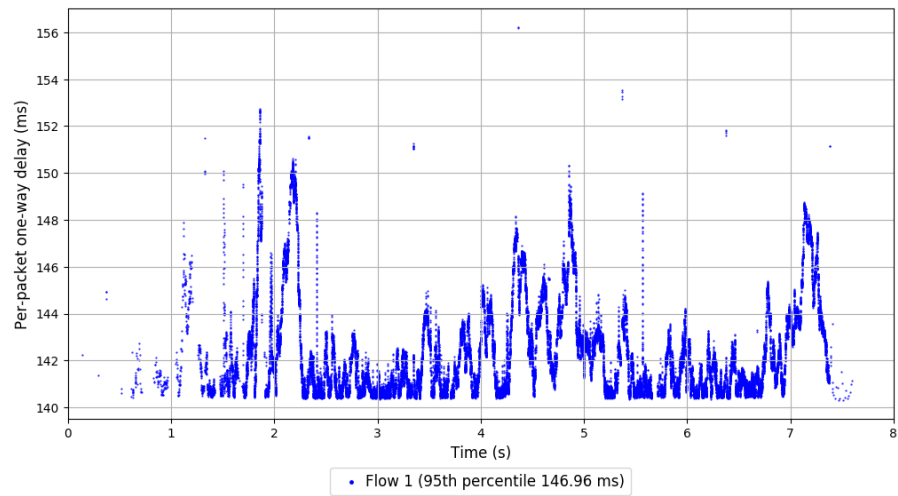
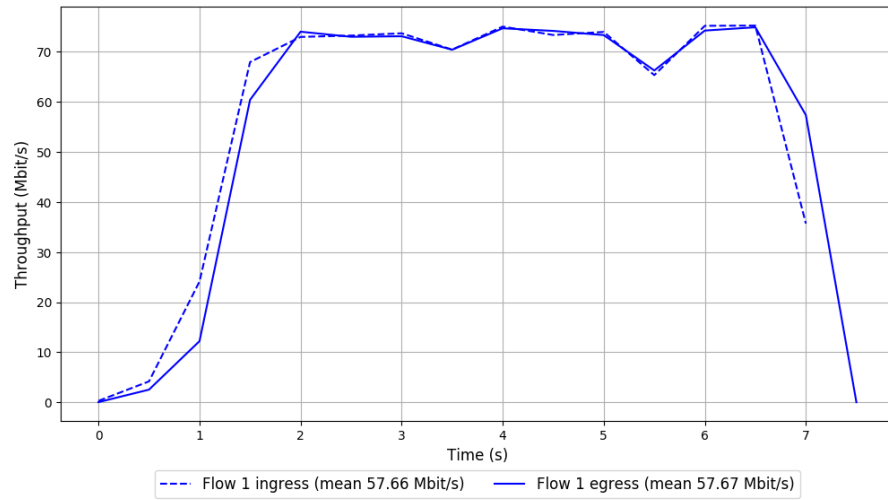
Start at: Tue, 25 Jul 2017 01:59:58 +0000

End at: Tue, 25 Jul 2017 02:00:28 +0000

Local clock offset: 0.501 ms

Remote clock offset: -0.369 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

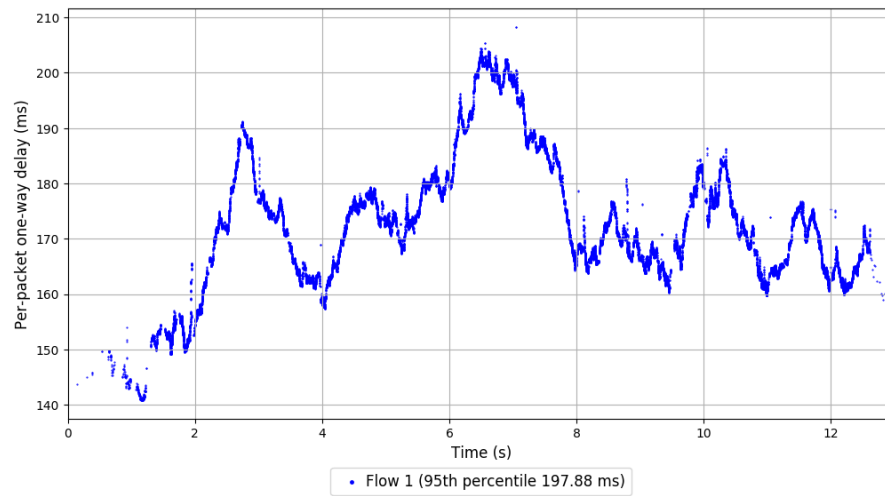
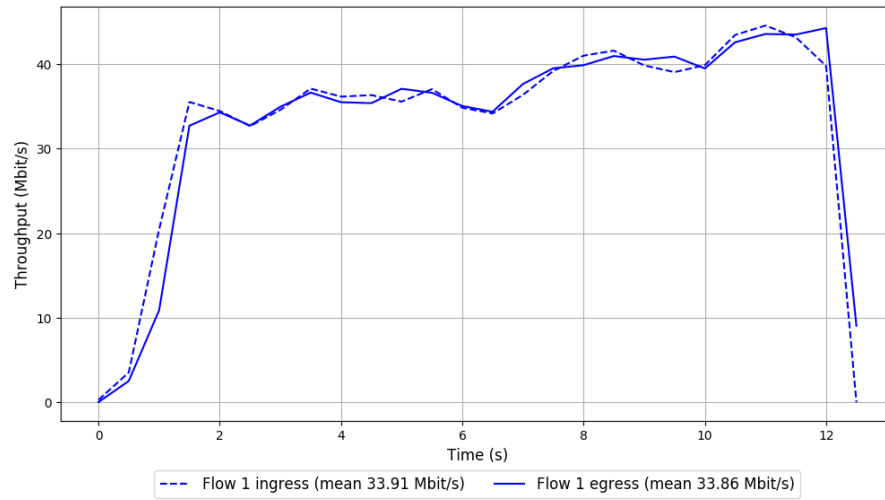
Start at: Tue, 25 Jul 2017 02:18:56 +0000

End at: Tue, 25 Jul 2017 02:19:26 +0000

Local clock offset: 0.526 ms

Remote clock offset: 0.058 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:25:40 +0000

End at: Mon, 24 Jul 2017 23:26:10 +0000

Local clock offset: 1.388 ms

Remote clock offset: 7.475 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.12 Mbit/s

95th percentile per-packet one-way delay: 143.674 ms

Loss rate: 0.72%

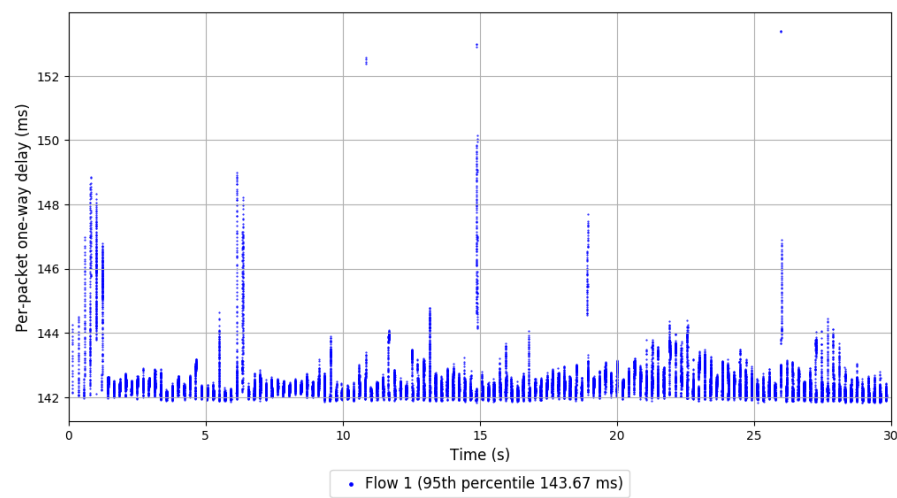
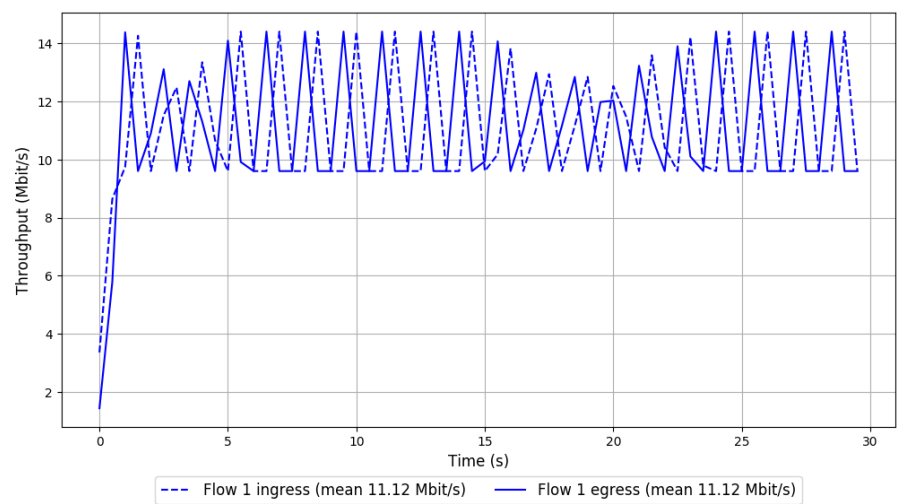
-- Flow 1:

Average throughput: 11.12 Mbit/s

95th percentile per-packet one-way delay: 143.674 ms

Loss rate: 0.72%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:44:54 +0000

End at: Mon, 24 Jul 2017 23:45:24 +0000

Local clock offset: 0.095 ms

Remote clock offset: 6.0 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.27 Mbit/s

95th percentile per-packet one-way delay: 142.860 ms

Loss rate: 0.71%

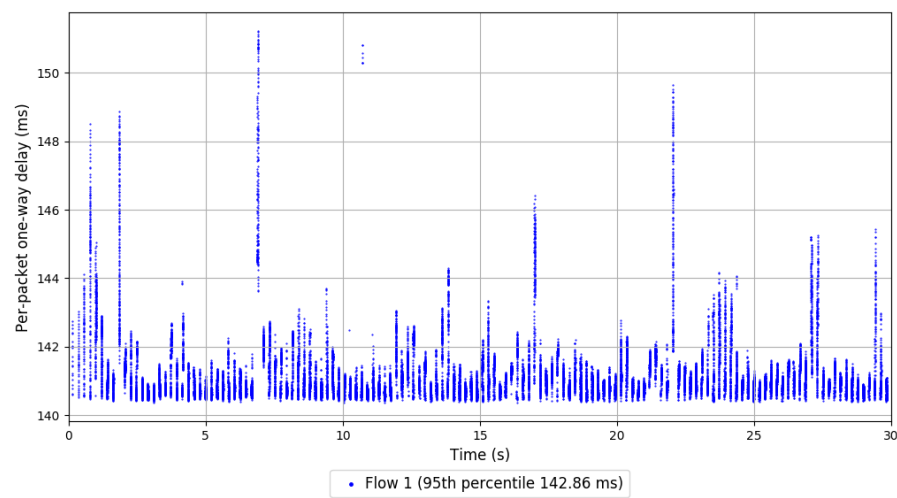
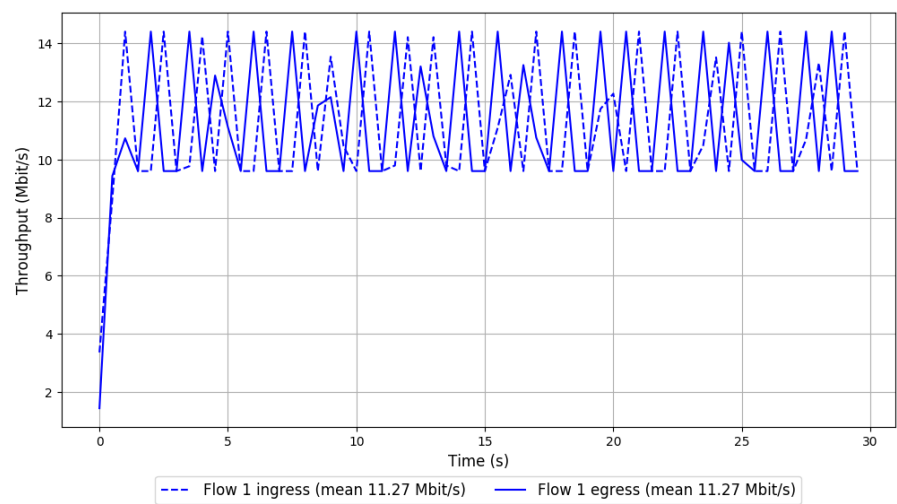
-- Flow 1:

Average throughput: 11.27 Mbit/s

95th percentile per-packet one-way delay: 142.860 ms

Loss rate: 0.71%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:04:11 +0000

End at: Tue, 25 Jul 2017 00:04:41 +0000

Local clock offset: 0.092 ms

Remote clock offset: -3.609 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.27 Mbit/s

95th percentile per-packet one-way delay: 142.290 ms

Loss rate: 0.71%

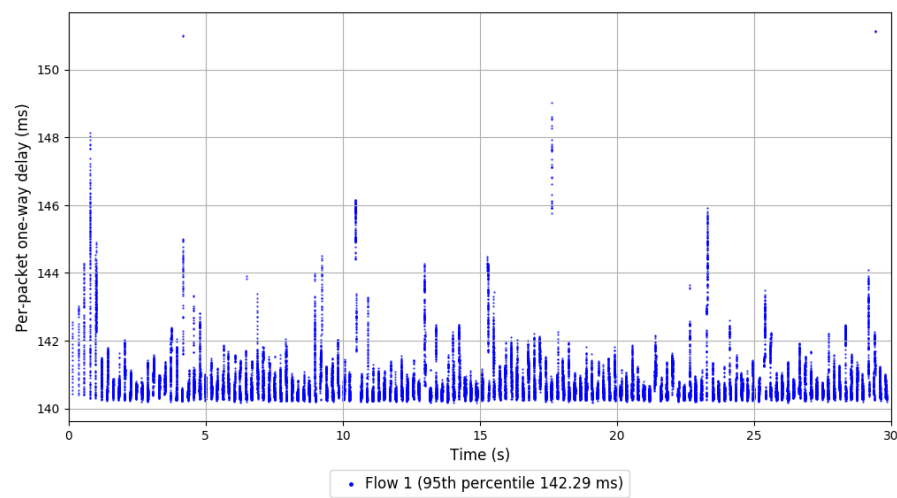
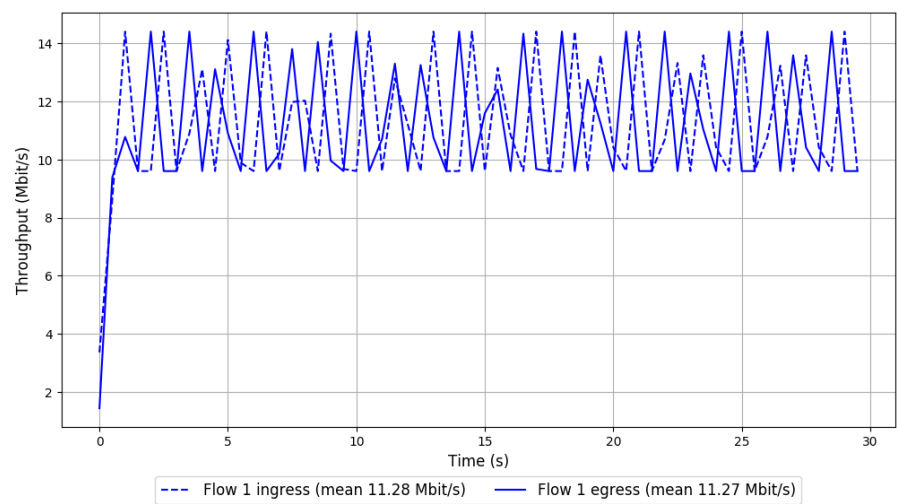
-- Flow 1:

Average throughput: 11.27 Mbit/s

95th percentile per-packet one-way delay: 142.290 ms

Loss rate: 0.71%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:23:23 +0000

End at: Tue, 25 Jul 2017 00:23:53 +0000

Local clock offset: 0.196 ms

Remote clock offset: 0.093 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.12 Mbit/s

95th percentile per-packet one-way delay: 142.440 ms

Loss rate: 0.72%

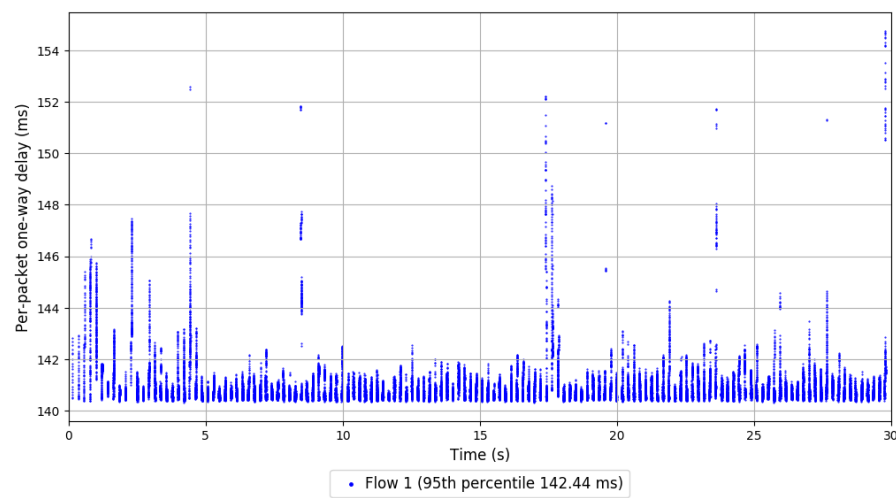
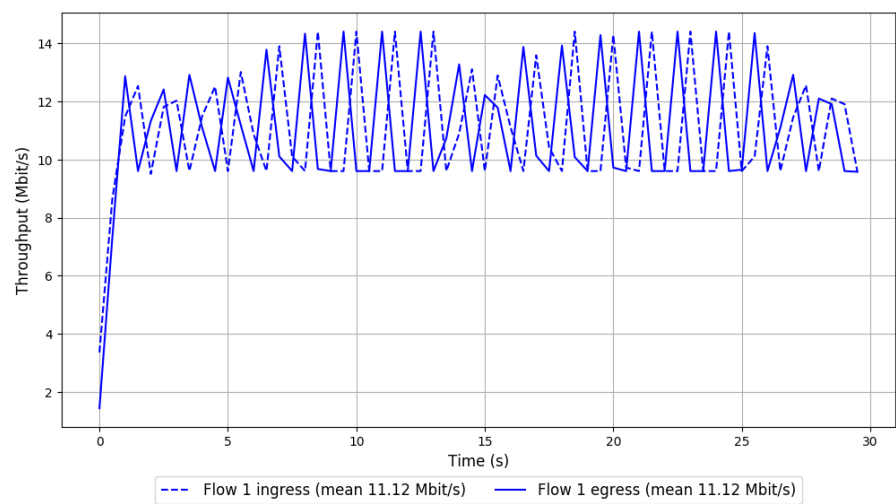
-- Flow 1:

Average throughput: 11.12 Mbit/s

95th percentile per-packet one-way delay: 142.440 ms

Loss rate: 0.72%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:42:32 +0000

End at: Tue, 25 Jul 2017 00:43:02 +0000

Local clock offset: 1.763 ms

Remote clock offset: 0.234 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.24 Mbit/s

95th percentile per-packet one-way delay: 143.837 ms

Loss rate: 0.71%

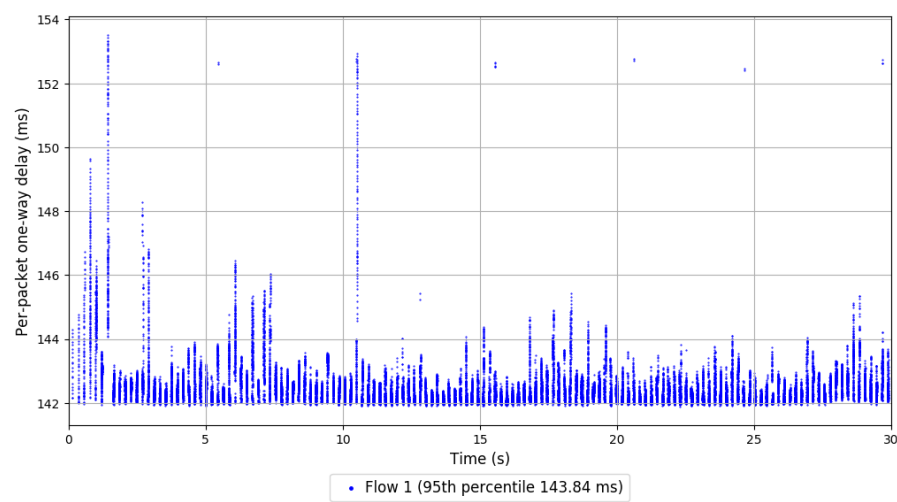
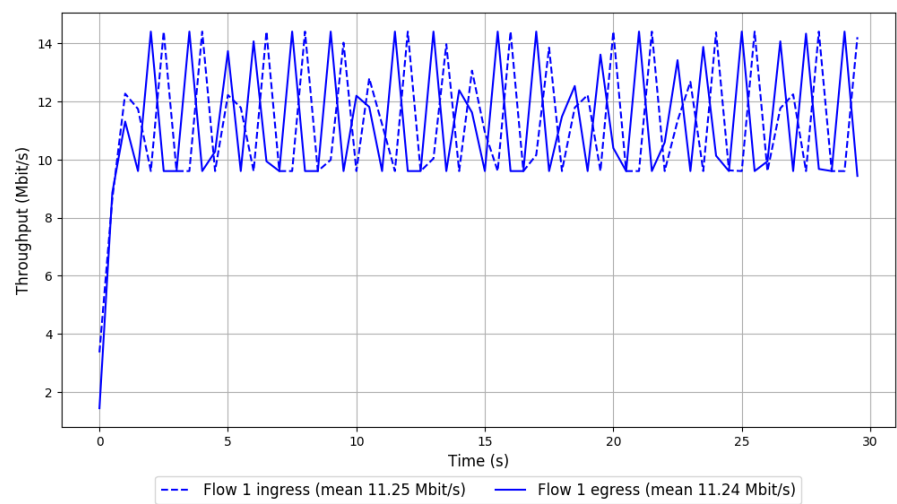
-- Flow 1:

Average throughput: 11.24 Mbit/s

95th percentile per-packet one-way delay: 143.837 ms

Loss rate: 0.71%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:01:35 +0000

End at: Tue, 25 Jul 2017 01:02:05 +0000

Local clock offset: 1.647 ms

Remote clock offset: -0.206 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 144.937 ms

Loss rate: 0.72%

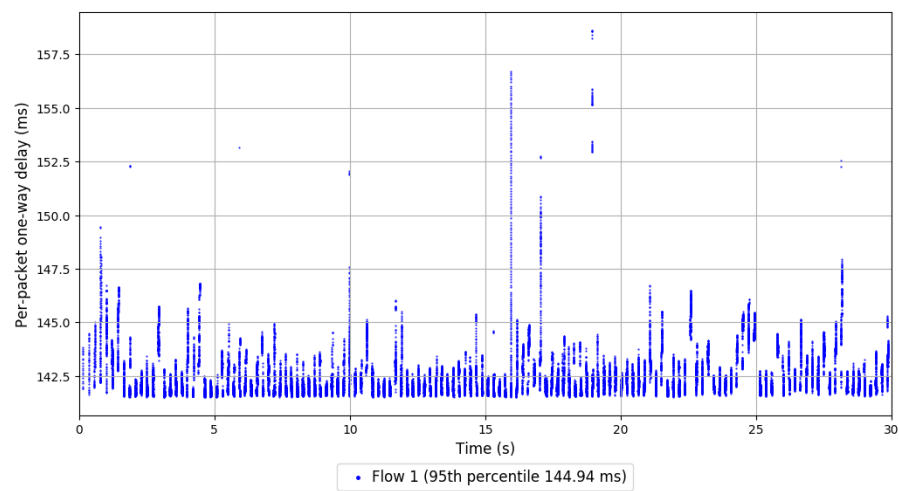
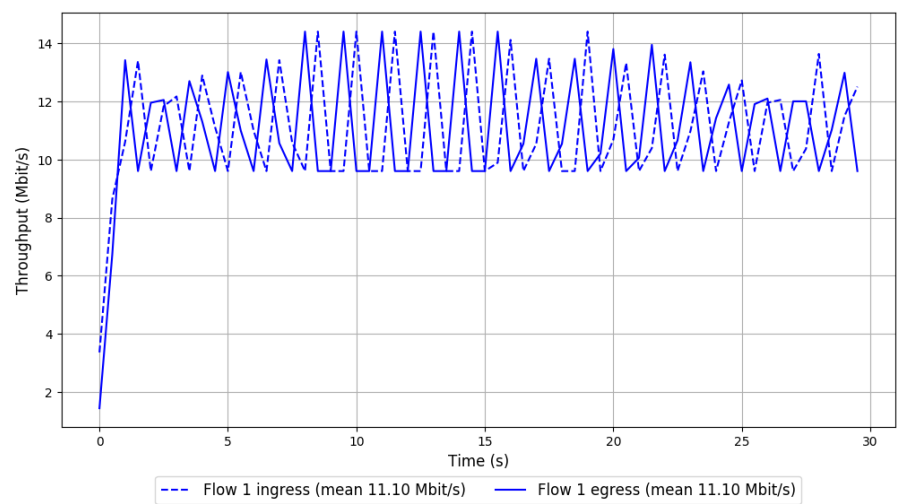
-- Flow 1:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 144.937 ms

Loss rate: 0.72%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:20:35 +0000

End at: Tue, 25 Jul 2017 01:21:05 +0000

Local clock offset: 0.548 ms

Remote clock offset: -0.146 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 173.341 ms

Loss rate: 0.74%

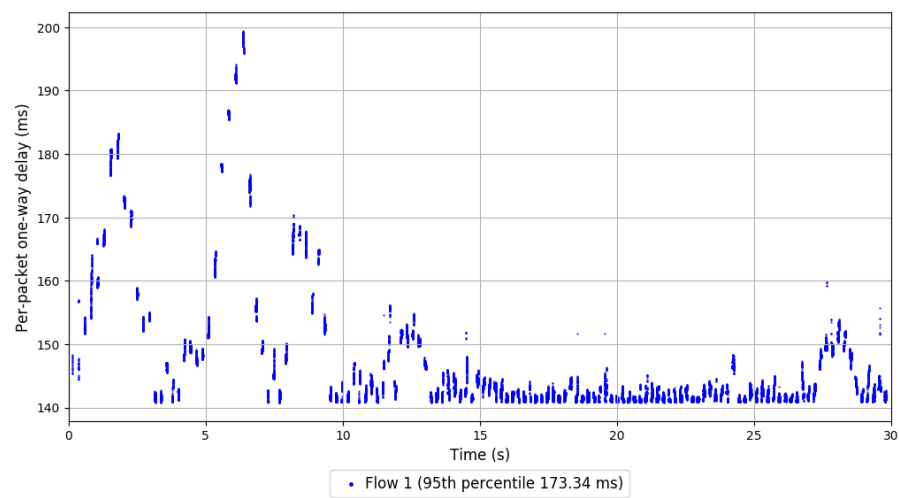
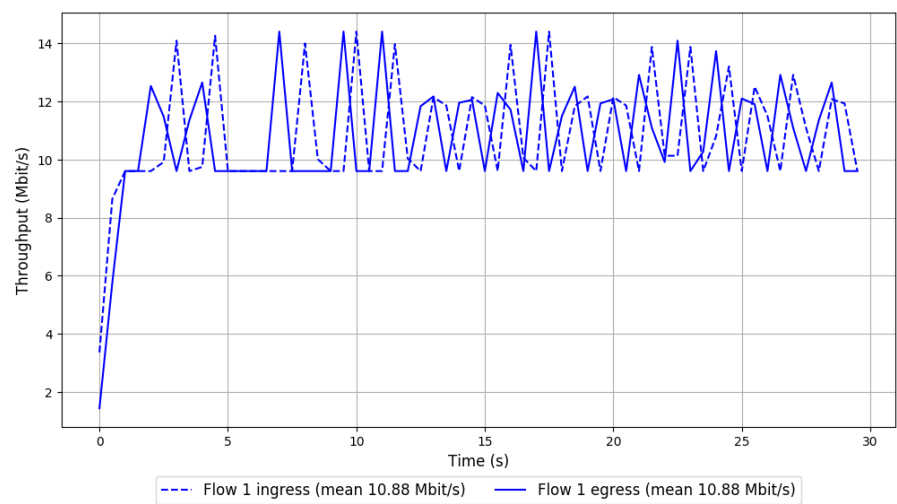
-- Flow 1:

Average throughput: 10.88 Mbit/s

95th percentile per-packet one-way delay: 173.341 ms

Loss rate: 0.74%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:39:37 +0000

End at: Tue, 25 Jul 2017 01:40:07 +0000

Local clock offset: 0.552 ms

Remote clock offset: -1.325 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.89 Mbit/s

95th percentile per-packet one-way delay: 152.665 ms

Loss rate: 0.72%

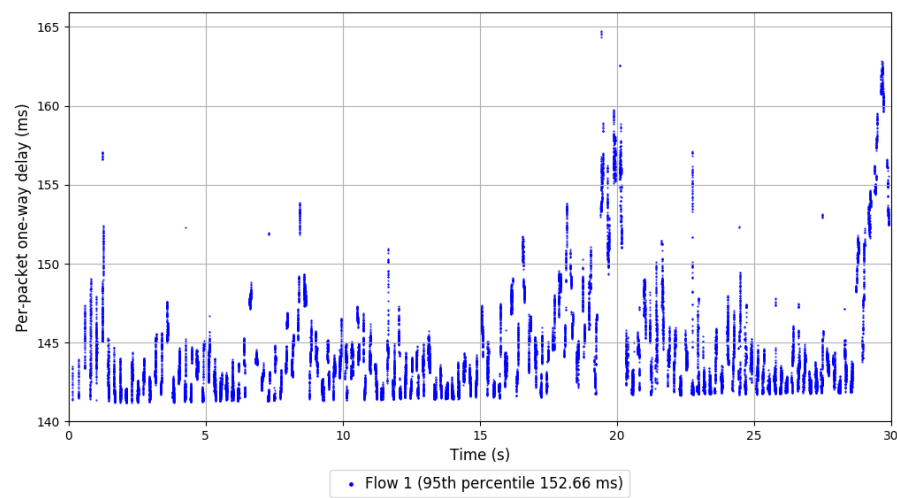
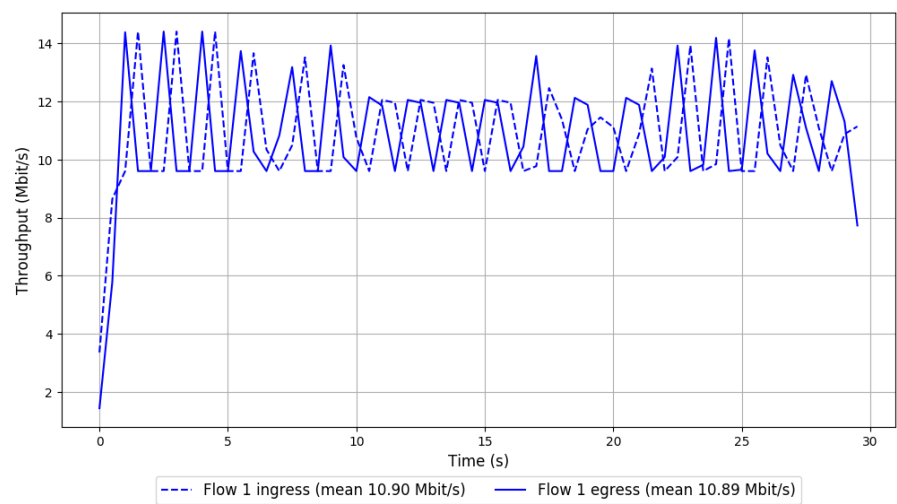
-- Flow 1:

Average throughput: 10.89 Mbit/s

95th percentile per-packet one-way delay: 152.665 ms

Loss rate: 0.72%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:58:43 +0000

End at: Tue, 25 Jul 2017 01:59:13 +0000

Local clock offset: 1.735 ms

Remote clock offset: -0.369 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.41 Mbit/s

95th percentile per-packet one-way delay: 175.509 ms

Loss rate: 0.77%

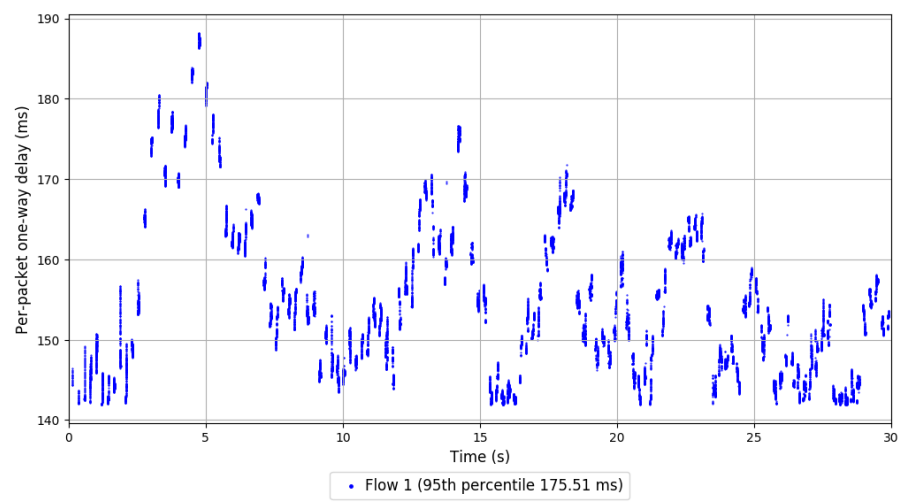
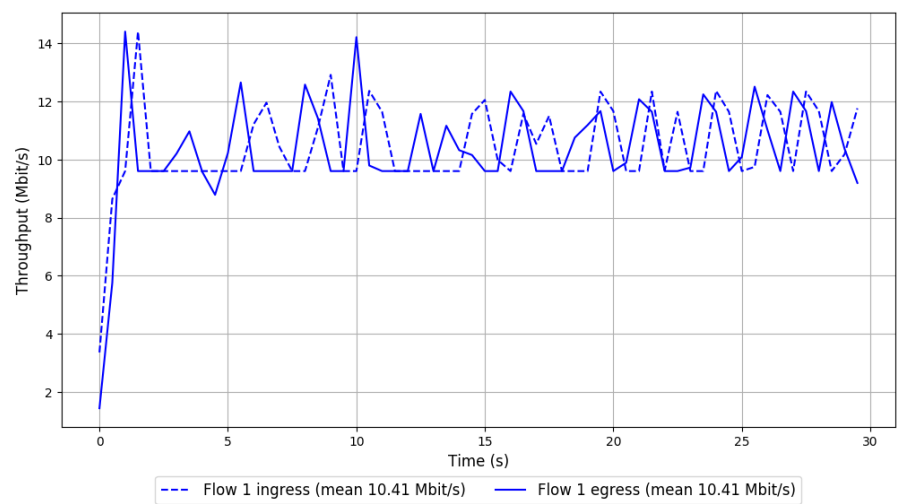
-- Flow 1:

Average throughput: 10.41 Mbit/s

95th percentile per-packet one-way delay: 175.509 ms

Loss rate: 0.77%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Tue, 25 Jul 2017 02:17:41 +0000

End at: Tue, 25 Jul 2017 02:18:11 +0000

Local clock offset: 1.642 ms

Remote clock offset: 0.075 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.13 Mbit/s

95th percentile per-packet one-way delay: 181.172 ms

Loss rate: 0.79%

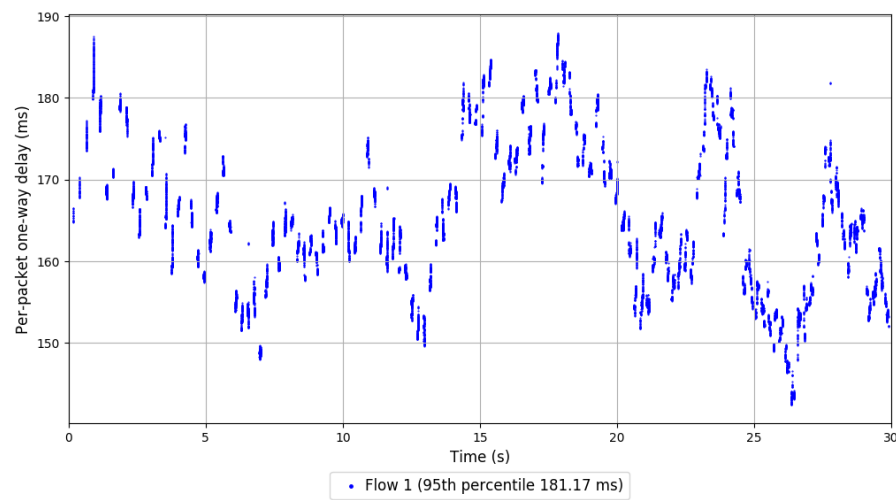
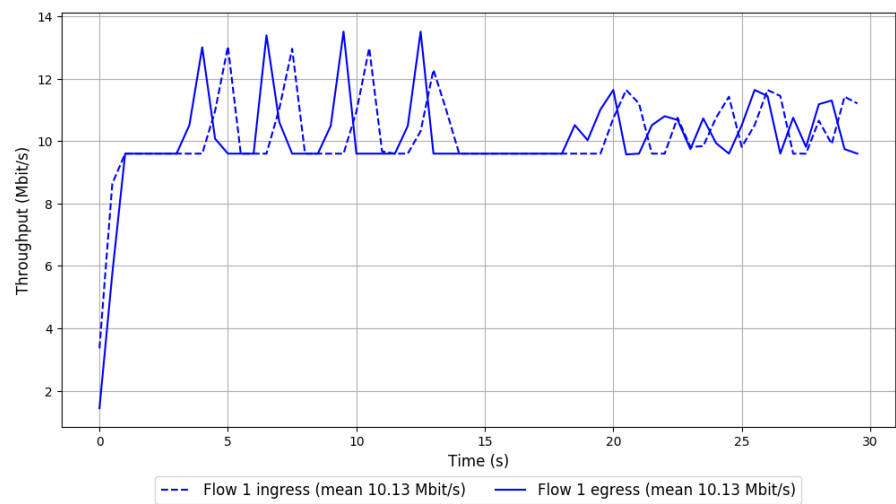
-- Flow 1:

Average throughput: 10.13 Mbit/s

95th percentile per-packet one-way delay: 181.172 ms

Loss rate: 0.79%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:16:33 +0000

End at: Mon, 24 Jul 2017 23:17:03 +0000

Local clock offset: -0.034 ms

Remote clock offset: 7.711 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 140.995 ms

Loss rate: 0.77%

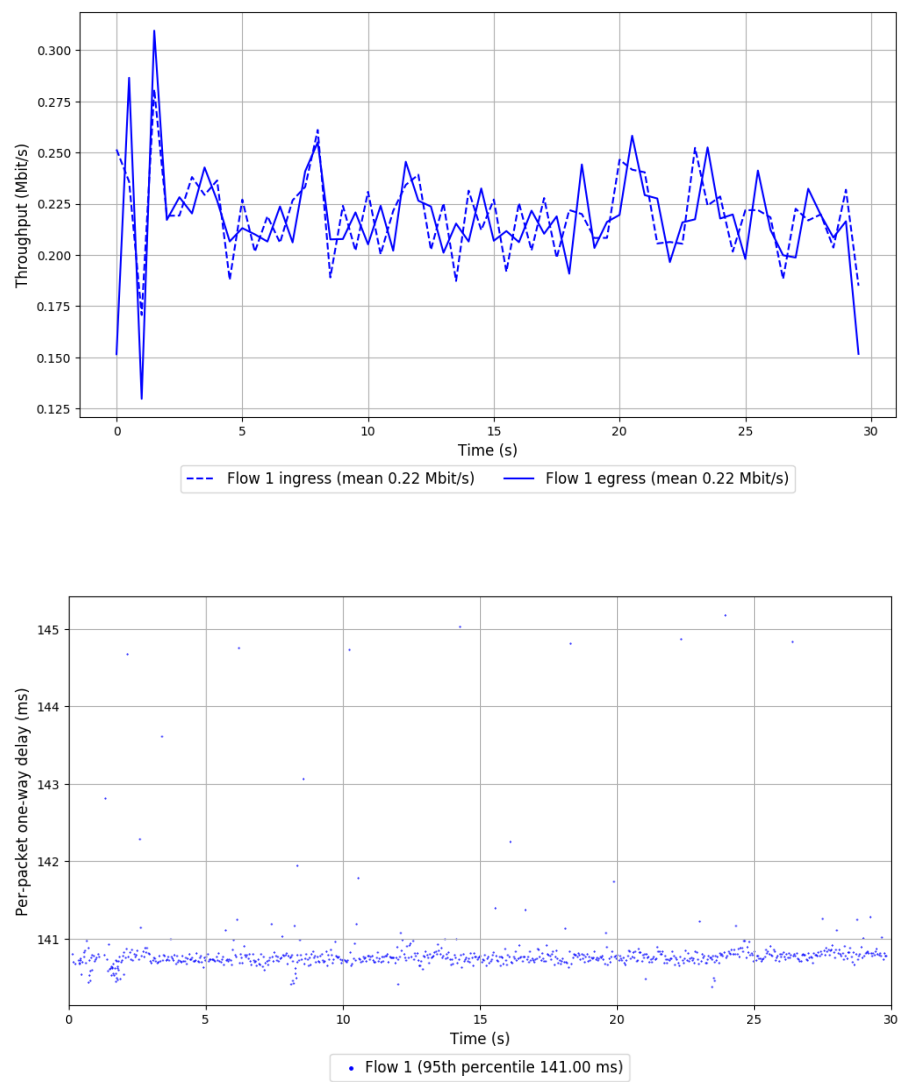
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 140.995 ms

Loss rate: 0.77%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:35:51 +0000

End at: Mon, 24 Jul 2017 23:36:21 +0000

Local clock offset: 0.068 ms

Remote clock offset: 6.628 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 140.869 ms

Loss rate: 0.59%

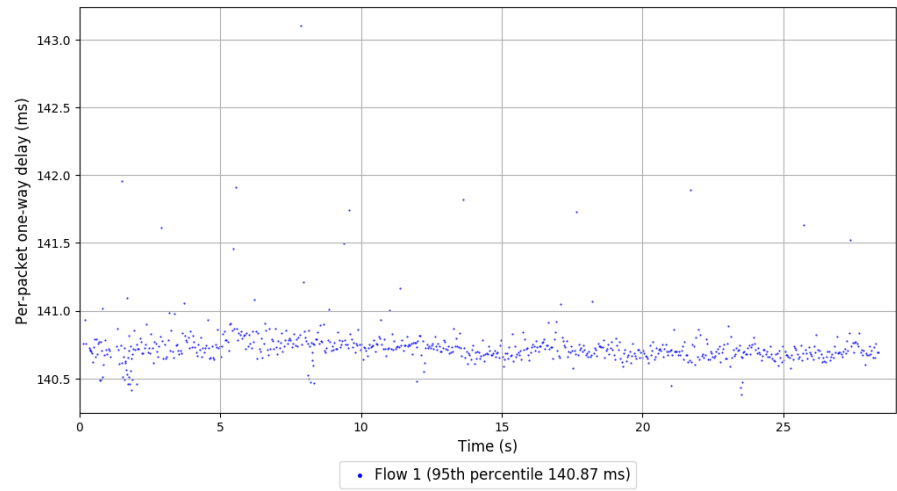
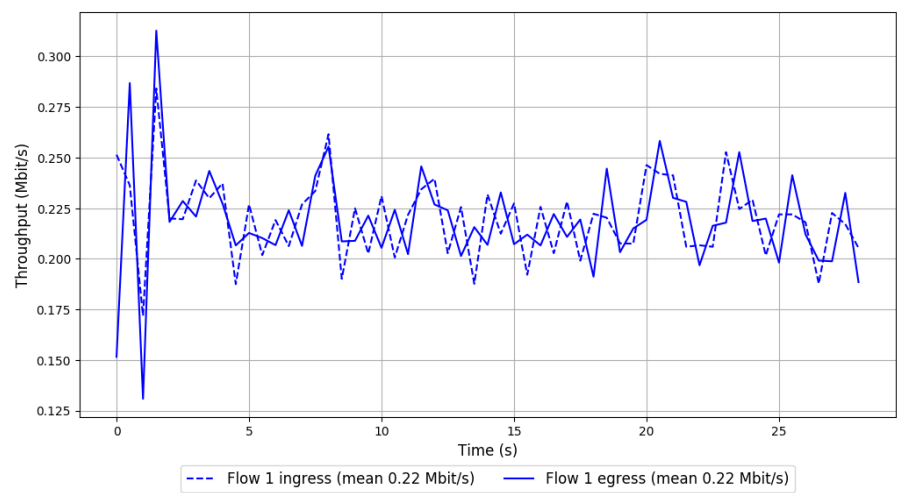
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 140.869 ms

Loss rate: 0.59%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:55:13 +0000

End at: Mon, 24 Jul 2017 23:55:43 +0000

Local clock offset: 0.09 ms

Remote clock offset: 5.22 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 141.375 ms

Loss rate: 0.64%

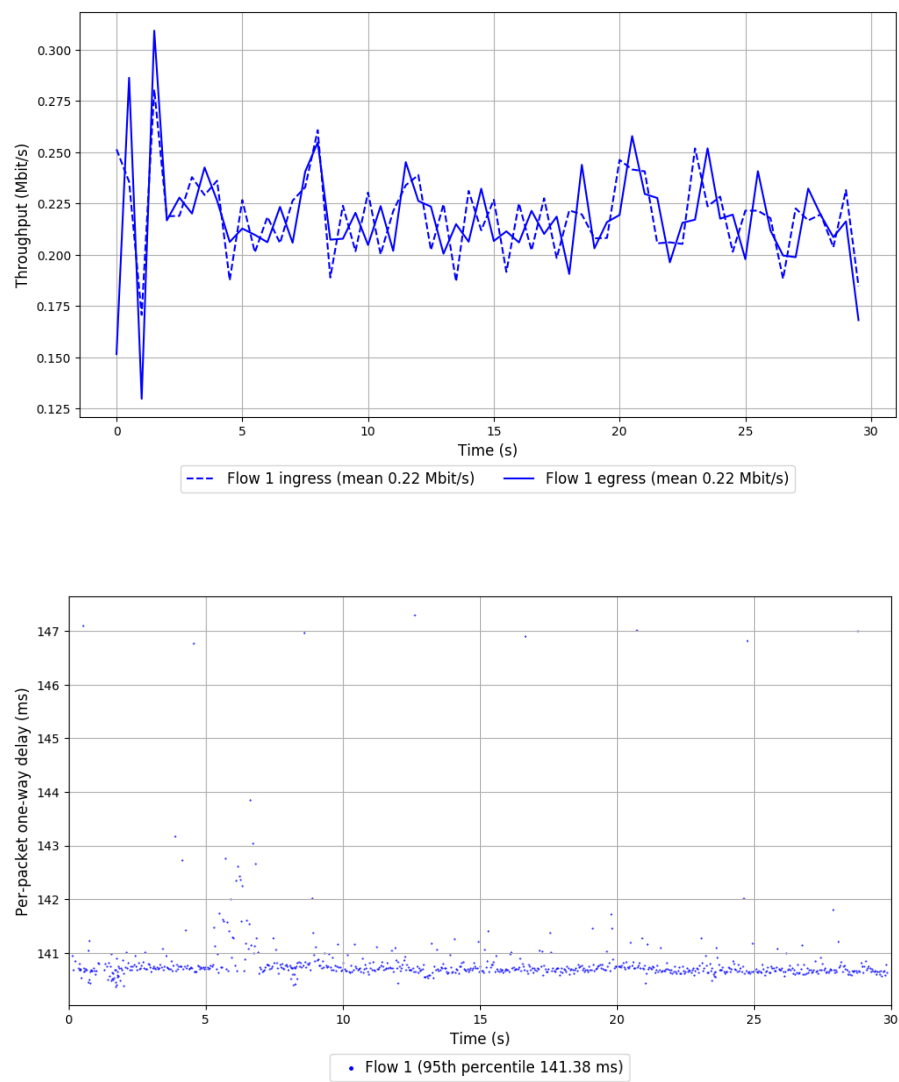
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 141.375 ms

Loss rate: 0.64%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:14:21 +0000

End at: Tue, 25 Jul 2017 00:14:51 +0000

Local clock offset: 0.129 ms

Remote clock offset: 0.551 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 141.340 ms

Loss rate: 0.63%

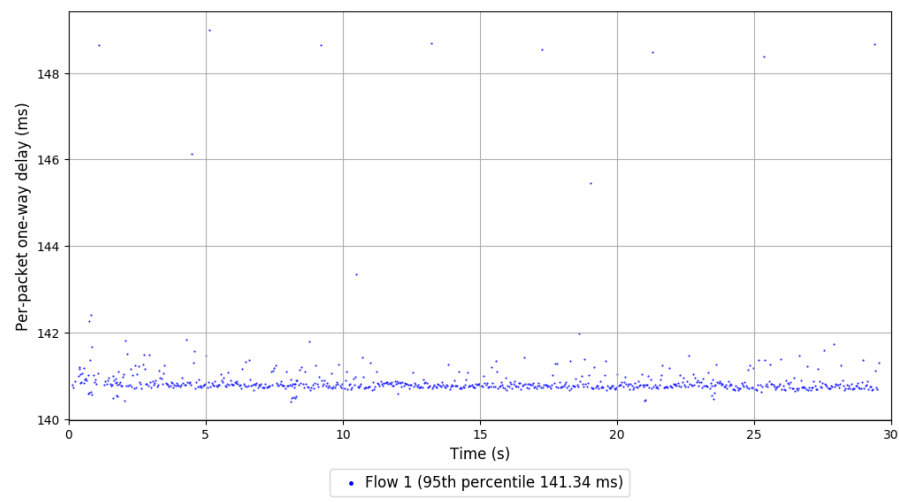
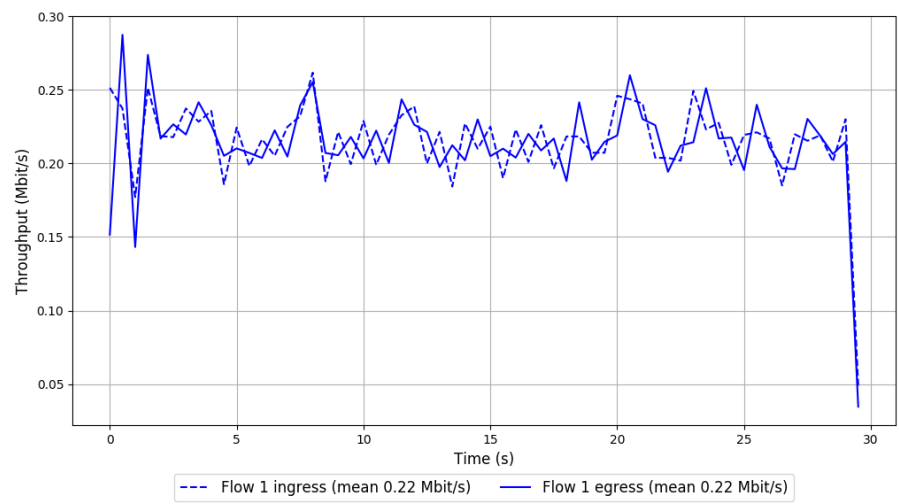
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 141.340 ms

Loss rate: 0.63%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:33:32 +0000

End at: Tue, 25 Jul 2017 00:34:02 +0000

Local clock offset: 0.342 ms

Remote clock offset: 0.7 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 142.179 ms

Loss rate: 0.86%

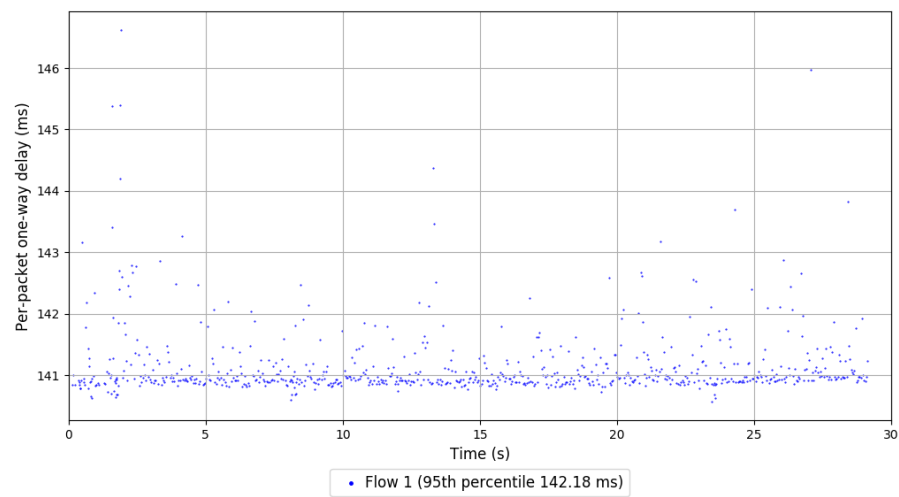
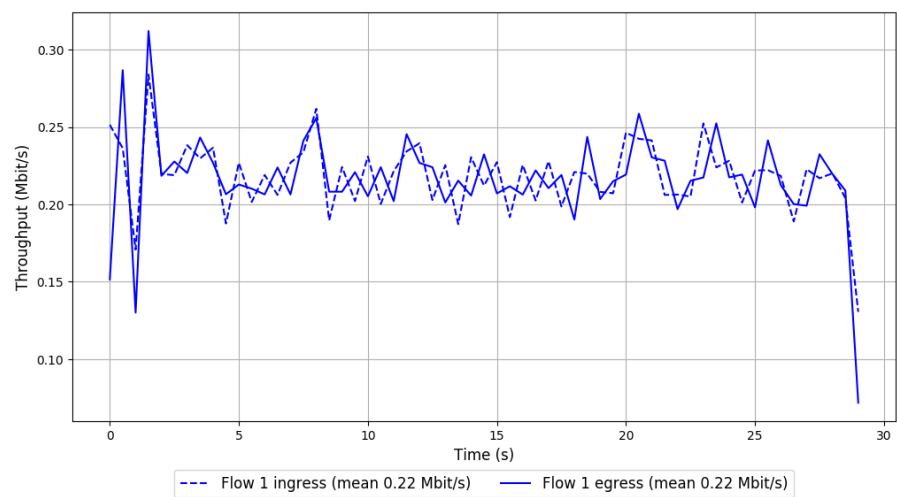
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 142.179 ms

Loss rate: 0.86%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:52:34 +0000

End at: Tue, 25 Jul 2017 00:53:04 +0000

Local clock offset: 0.482 ms

Remote clock offset: -0.083 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 141.870 ms

Loss rate: 0.81%

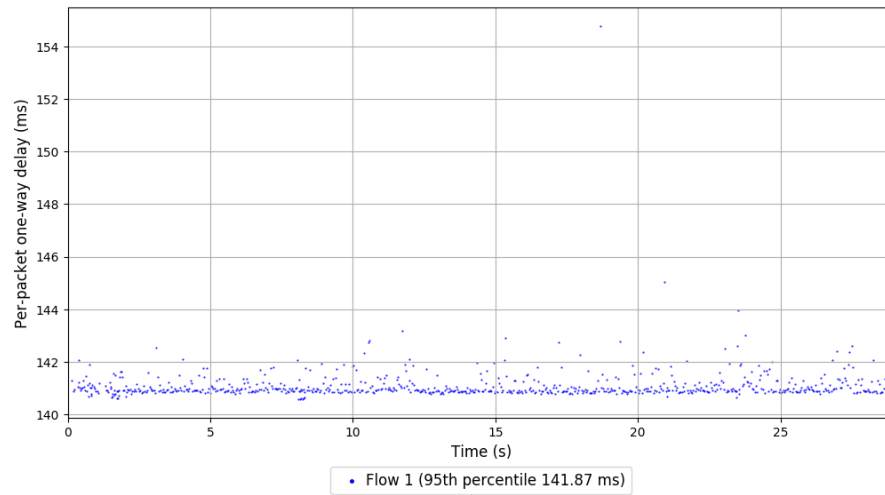
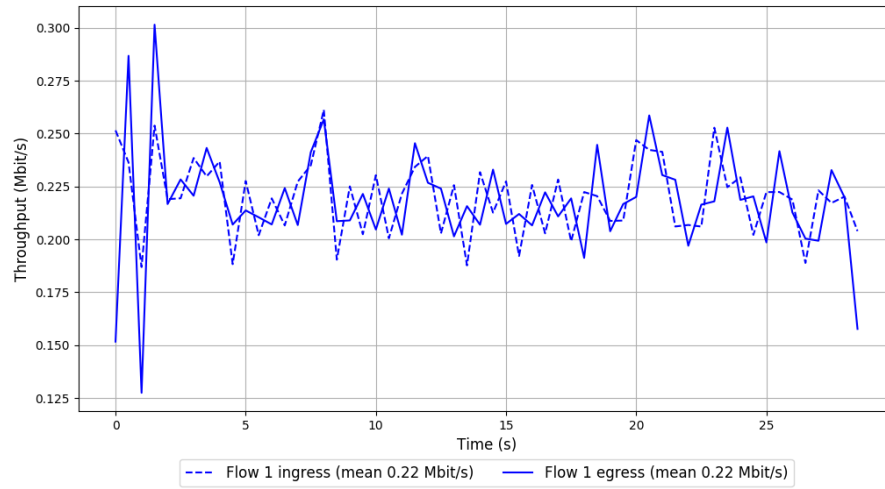
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 141.870 ms

Loss rate: 0.81%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:11:39 +0000

End at: Tue, 25 Jul 2017 01:12:09 +0000

Local clock offset: 0.499 ms

Remote clock offset: -0.171 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 143.695 ms

Loss rate: 0.64%

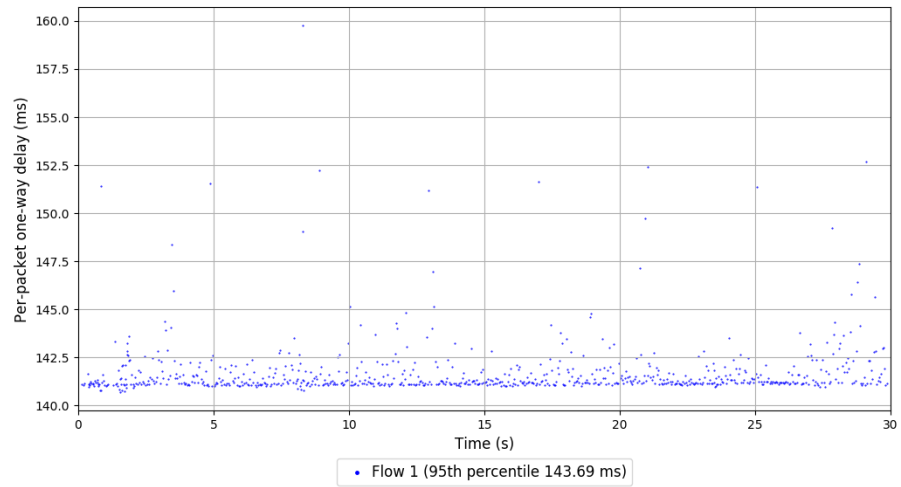
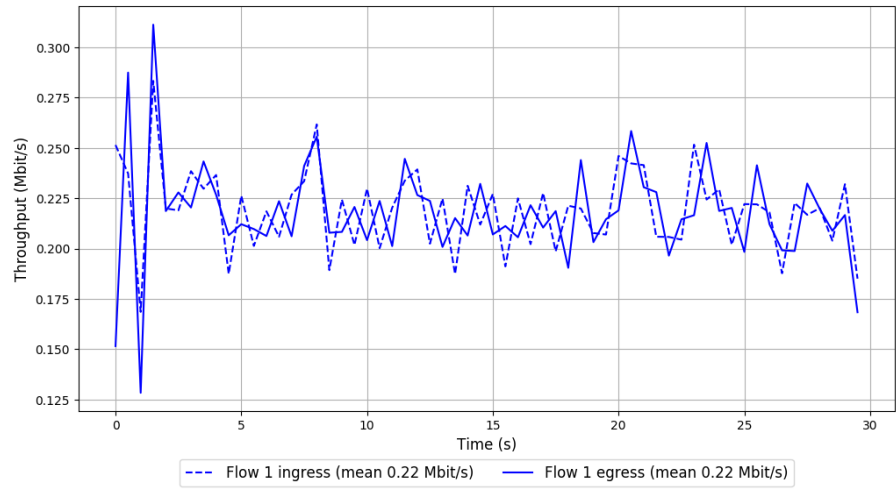
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 143.695 ms

Loss rate: 0.64%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:30:39 +0000

End at: Tue, 25 Jul 2017 01:31:09 +0000

Local clock offset: 1.799 ms

Remote clock offset: -10.874 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 146.525 ms

Loss rate: 0.58%

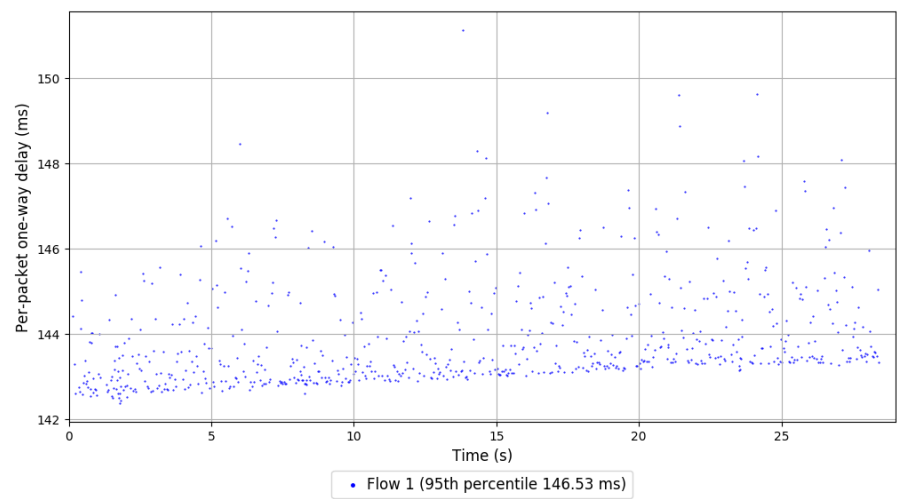
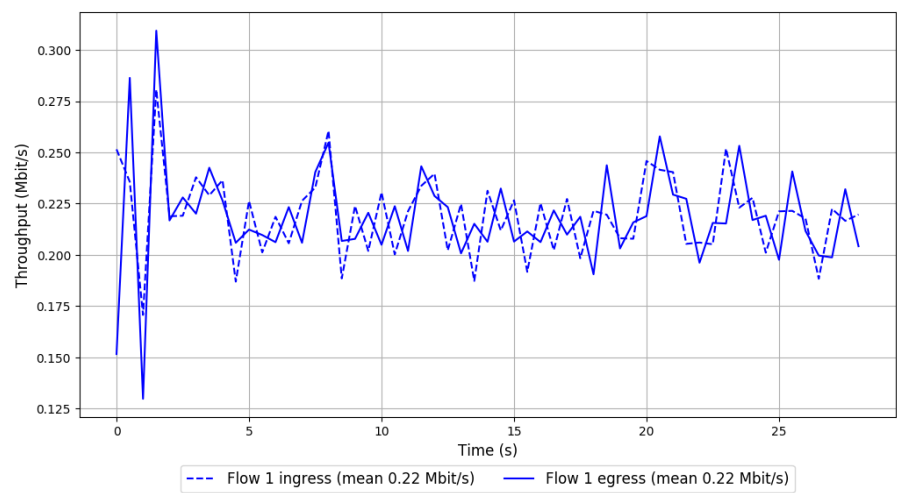
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 146.525 ms

Loss rate: 0.58%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:49:43 +0000

End at: Tue, 25 Jul 2017 01:50:13 +0000

Local clock offset: 0.561 ms

Remote clock offset: -0.475 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 166.397 ms

Loss rate: 0.73%

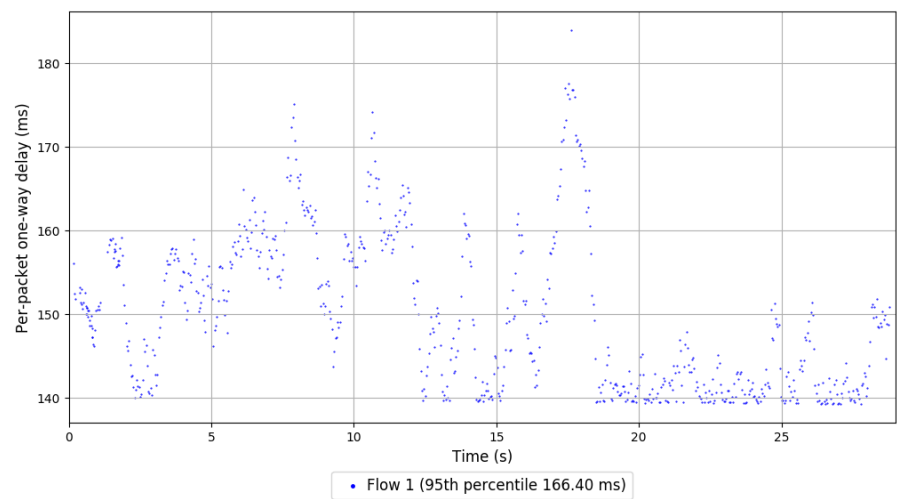
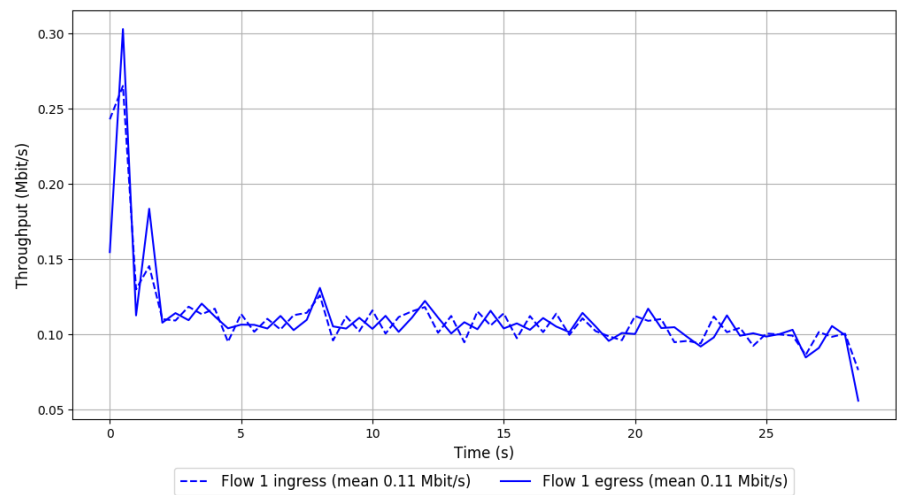
-- Flow 1:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 166.397 ms

Loss rate: 0.73%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Tue, 25 Jul 2017 02:08:48 +0000

End at: Tue, 25 Jul 2017 02:09:18 +0000

Local clock offset: 0.535 ms

Remote clock offset: -0.028 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 161.642 ms

Loss rate: 0.63%

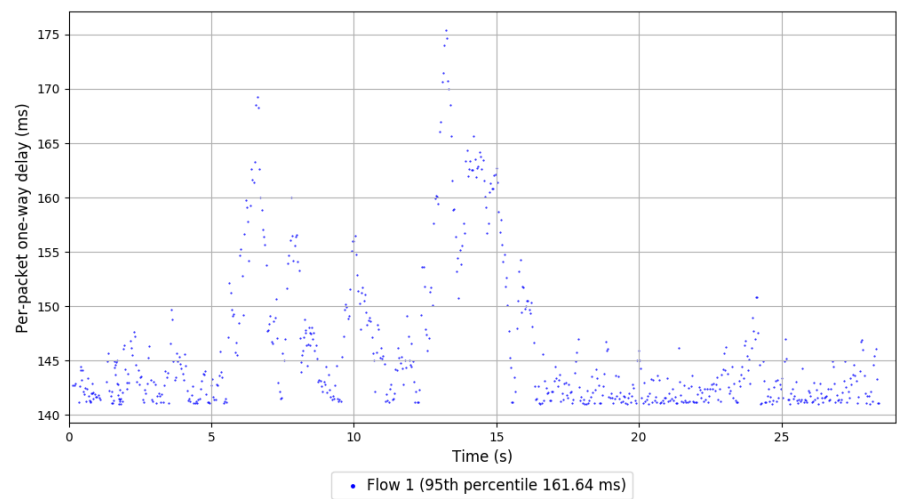
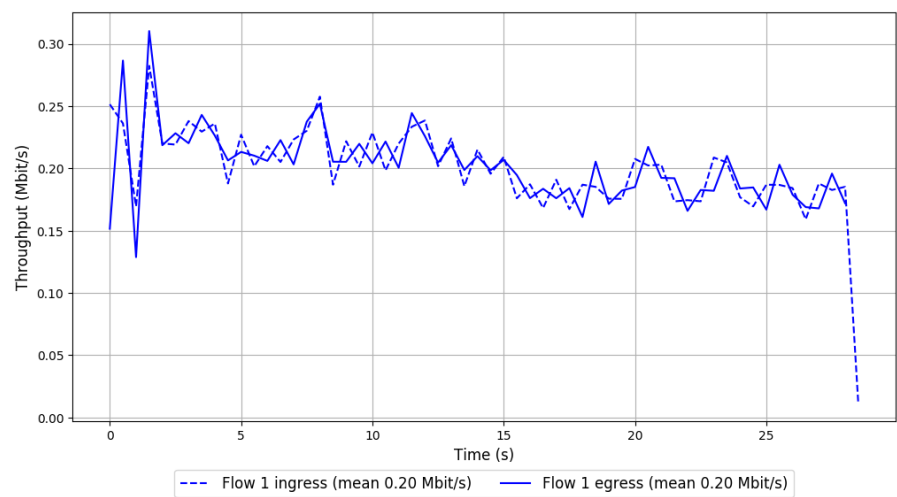
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 161.642 ms

Loss rate: 0.63%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:23:05 +0000

End at: Mon, 24 Jul 2017 23:23:35 +0000

Local clock offset: 0.056 ms

Remote clock offset: 7.822 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 141.729 ms

Loss rate: 0.02%

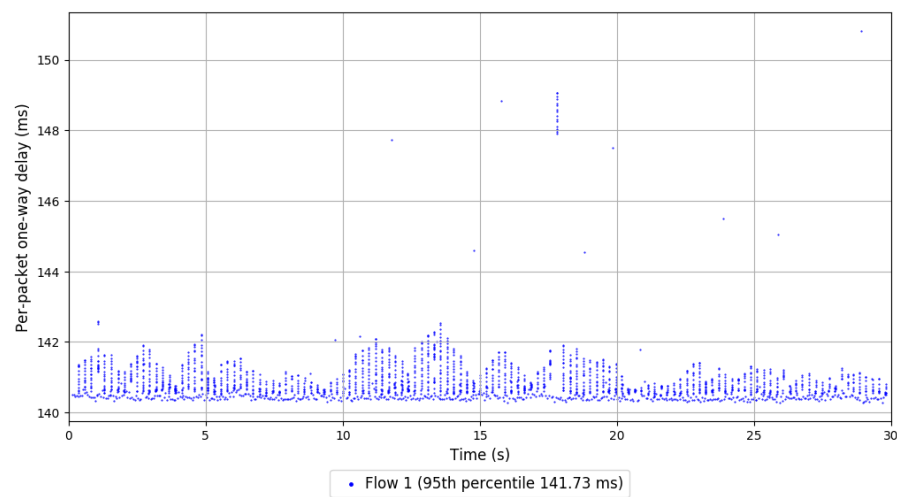
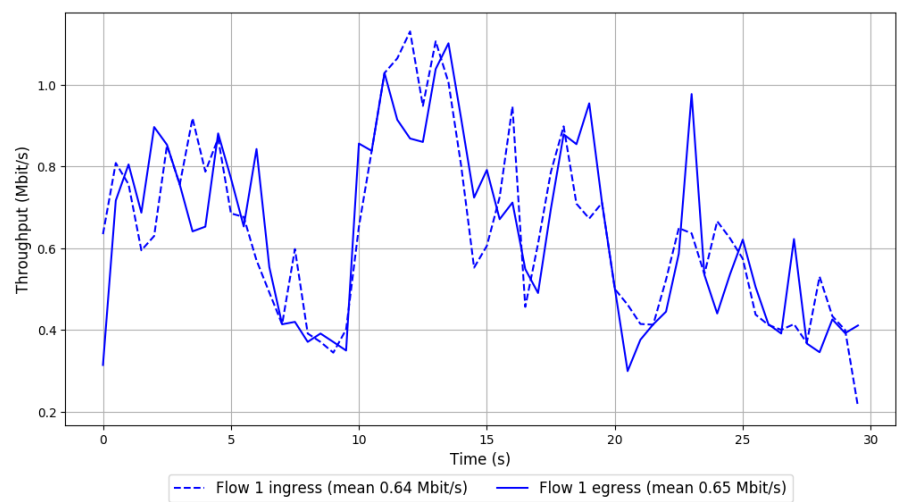
-- Flow 1:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 141.729 ms

Loss rate: 0.02%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:42:20 +0000

End at: Mon, 24 Jul 2017 23:42:50 +0000

Local clock offset: 1.326 ms

Remote clock offset: 6.166 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.78 Mbit/s

95th percentile per-packet one-way delay: 143.160 ms

Loss rate: 0.83%

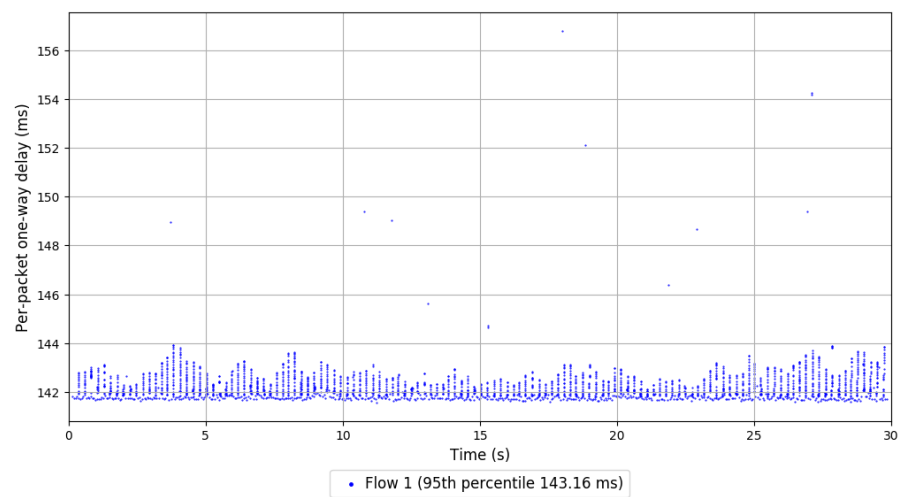
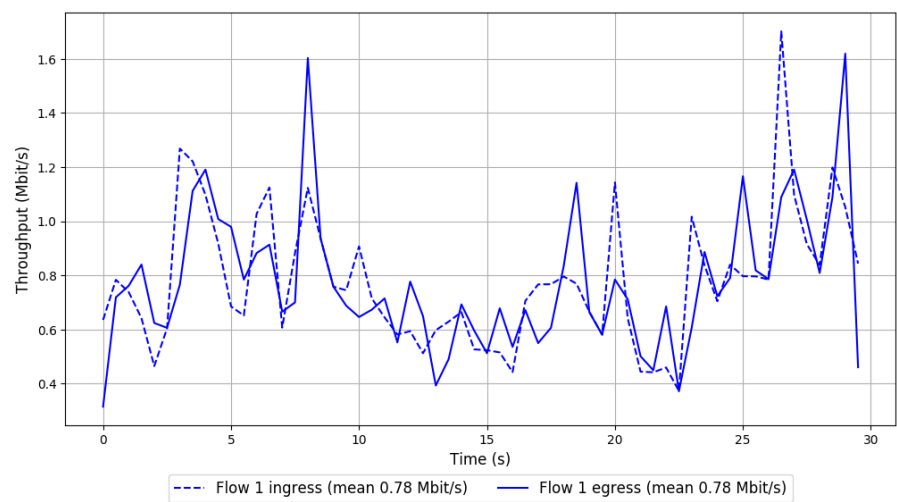
-- Flow 1:

Average throughput: 0.78 Mbit/s

95th percentile per-packet one-way delay: 143.160 ms

Loss rate: 0.83%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:01:40 +0000

End at: Tue, 25 Jul 2017 00:02:10 +0000

Local clock offset: 1.322 ms

Remote clock offset: 4.788 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.76 Mbit/s

95th percentile per-packet one-way delay: 142.206 ms

Loss rate: 1.07%

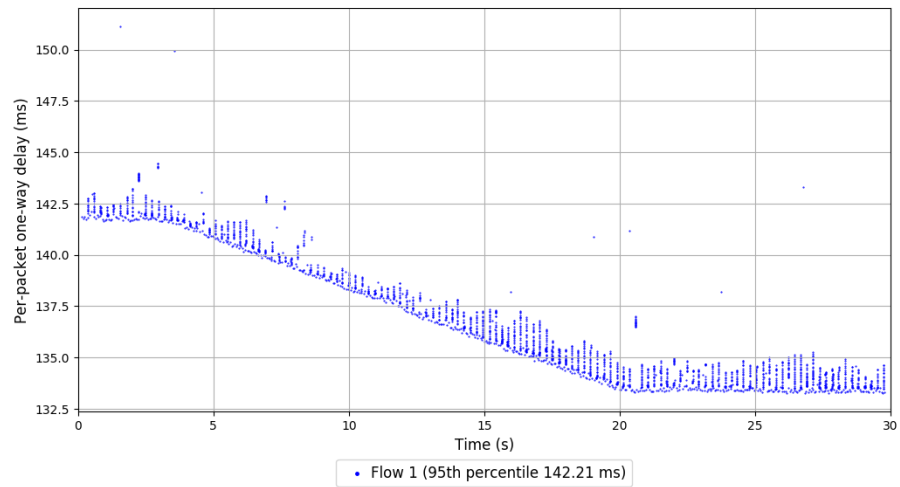
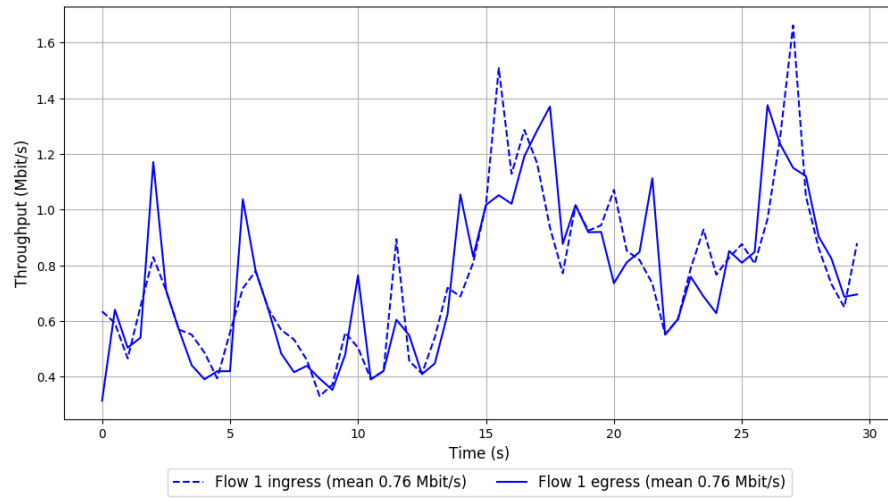
-- Flow 1:

Average throughput: 0.76 Mbit/s

95th percentile per-packet one-way delay: 142.206 ms

Loss rate: 1.07%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:20:50 +0000

End at: Tue, 25 Jul 2017 00:21:20 +0000

Local clock offset: 0.181 ms

Remote clock offset: 0.066 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 141.921 ms

Loss rate: 1.42%

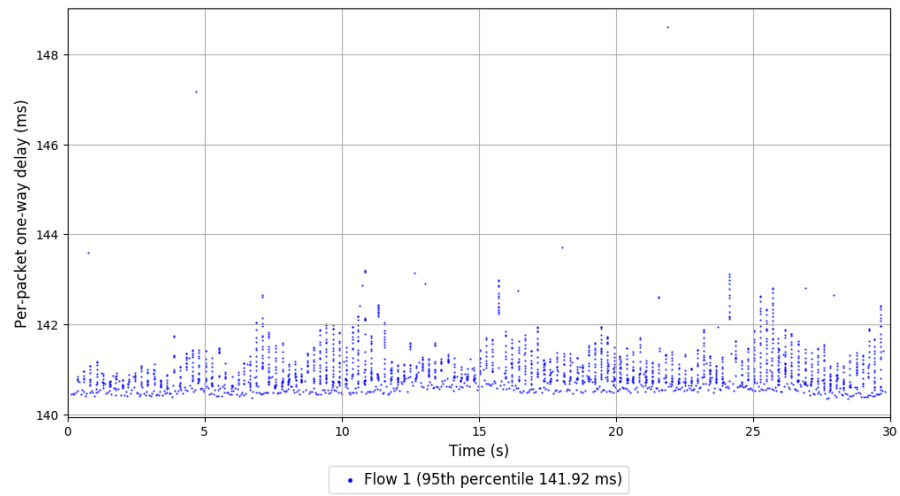
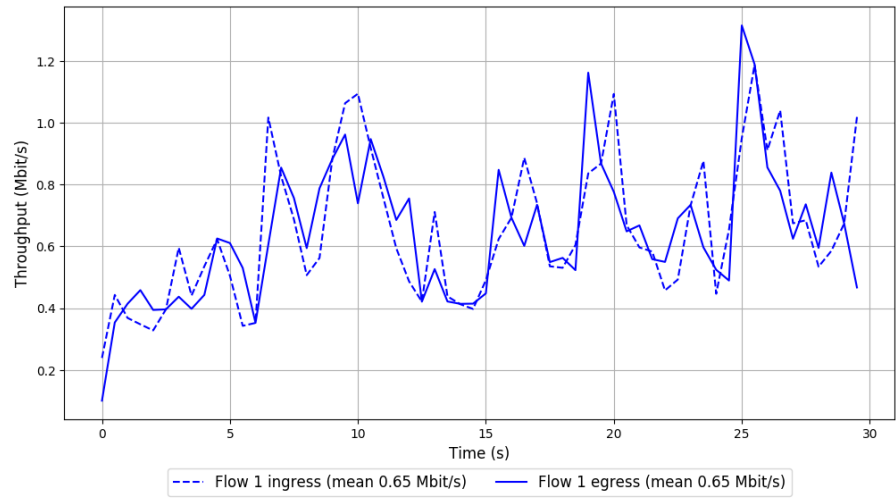
-- Flow 1:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 141.921 ms

Loss rate: 1.42%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:39:59 +0000

End at: Tue, 25 Jul 2017 00:40:29 +0000

Local clock offset: 0.29 ms

Remote clock offset: -0.339 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 143.933 ms

Loss rate: 0.38%

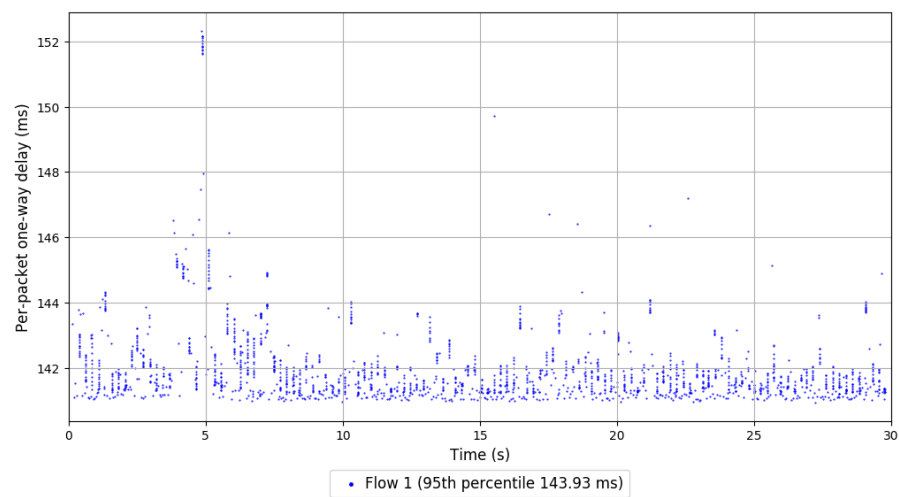
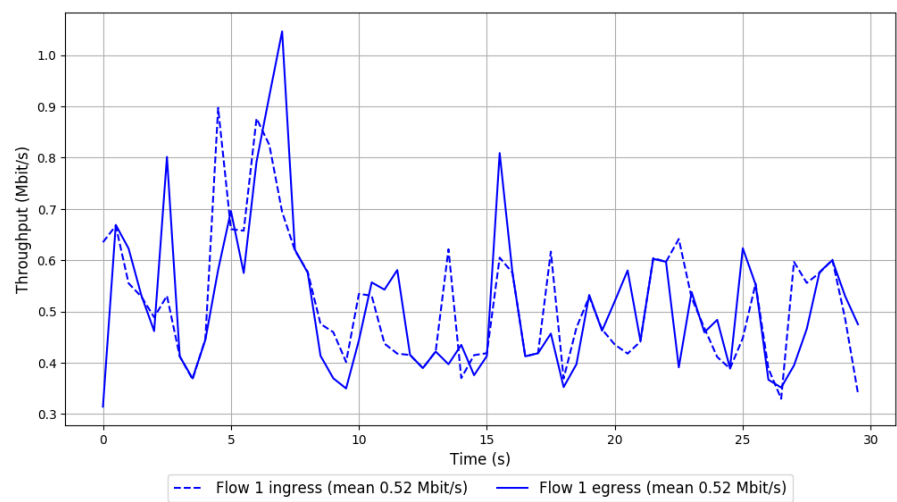
-- Flow 1:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 143.933 ms

Loss rate: 0.38%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:59:01 +0000

End at: Tue, 25 Jul 2017 00:59:31 +0000

Local clock offset: 0.472 ms

Remote clock offset: -0.274 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 154.086 ms

Loss rate: 0.59%

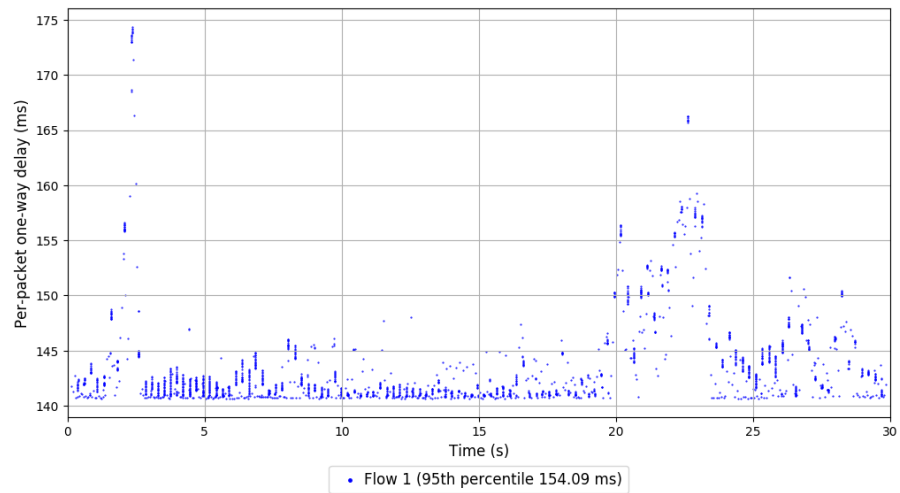
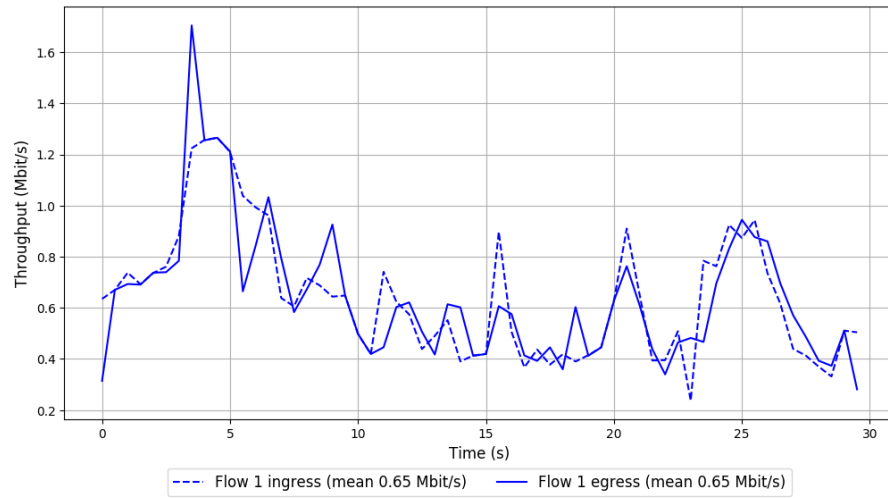
-- Flow 1:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 154.086 ms

Loss rate: 0.59%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:18:04 +0000

End at: Tue, 25 Jul 2017 01:18:34 +0000

Local clock offset: 1.661 ms

Remote clock offset: -0.195 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 144.039 ms

Loss rate: 0.53%

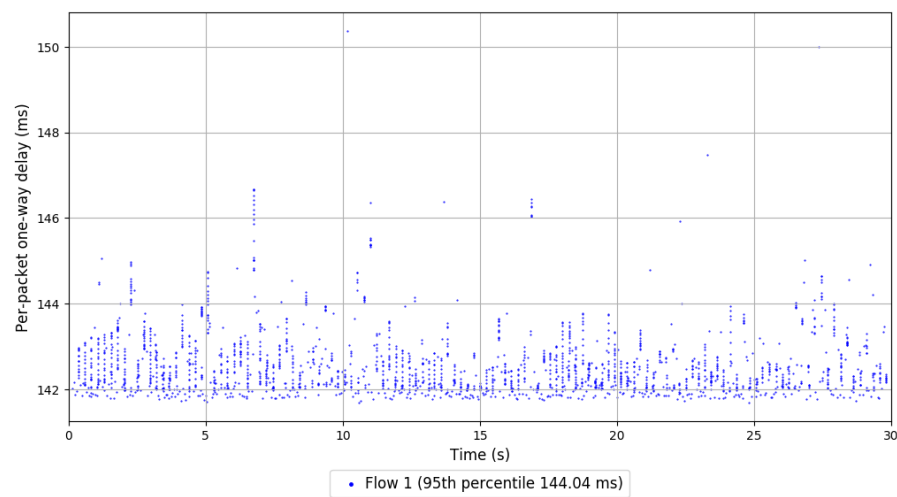
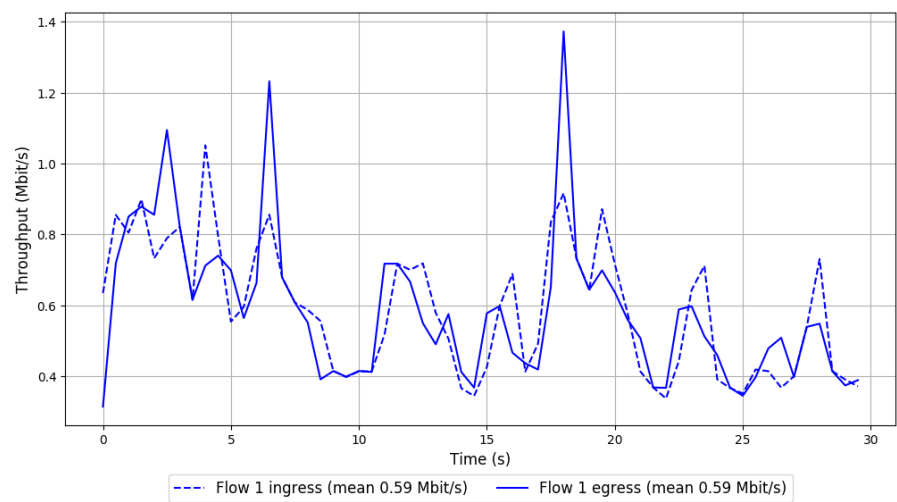
-- Flow 1:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 144.039 ms

Loss rate: 0.53%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:37:02 +0000

End at: Tue, 25 Jul 2017 01:37:32 +0000

Local clock offset: 0.565 ms

Remote clock offset: -3.842 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 155.339 ms

Loss rate: 1.71%

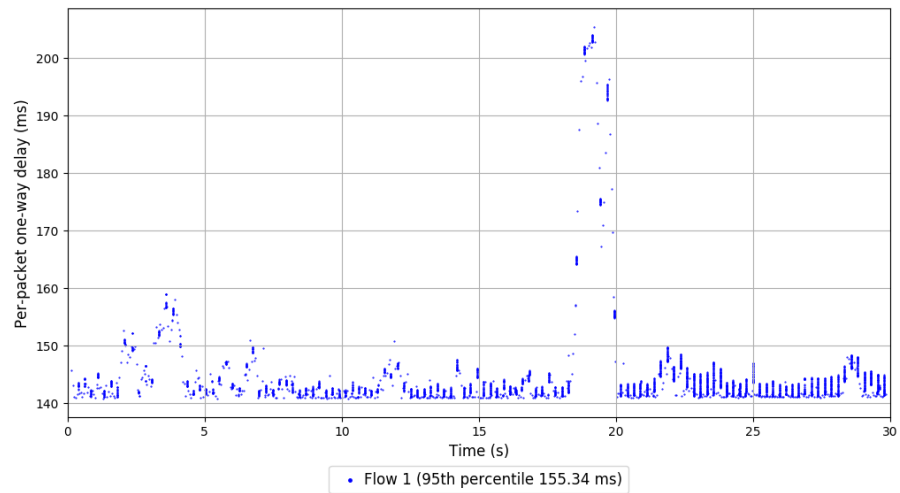
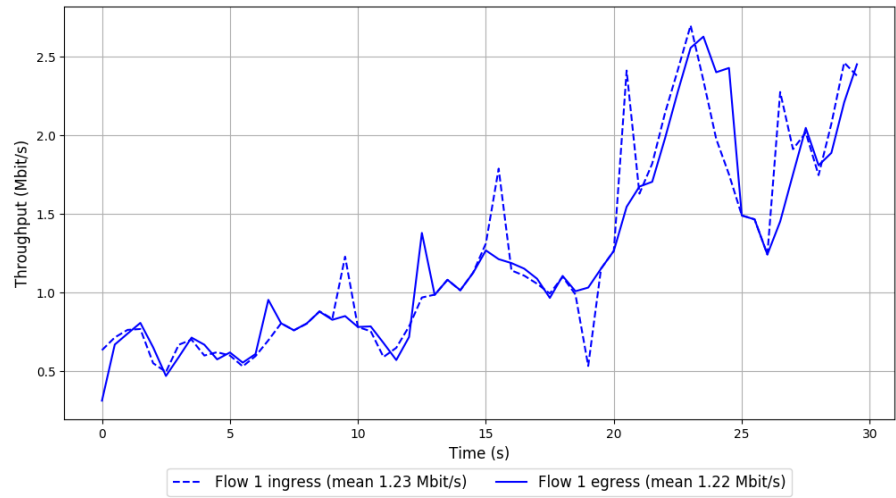
-- Flow 1:

Average throughput: 1.22 Mbit/s

95th percentile per-packet one-way delay: 155.339 ms

Loss rate: 1.71%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:56:09 +0000

End at: Tue, 25 Jul 2017 01:56:39 +0000

Local clock offset: 1.752 ms

Remote clock offset: -0.239 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.97 Mbit/s

95th percentile per-packet one-way delay: 168.740 ms

Loss rate: 1.18%

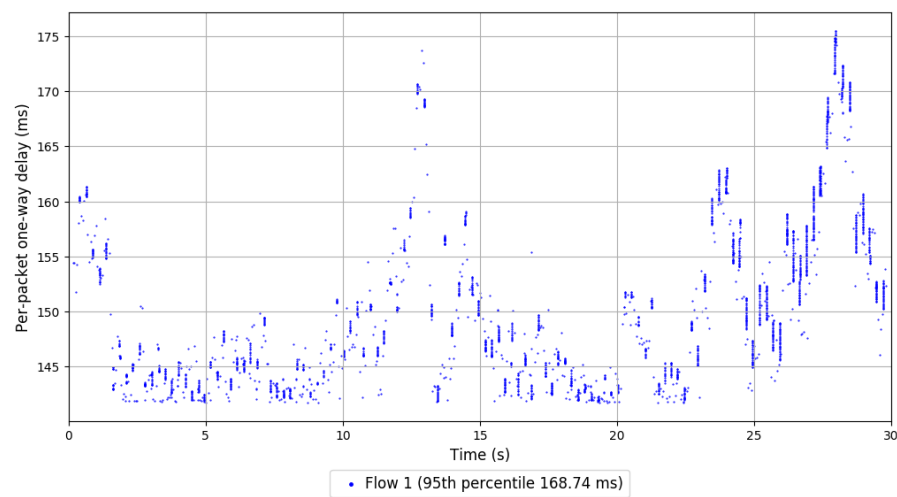
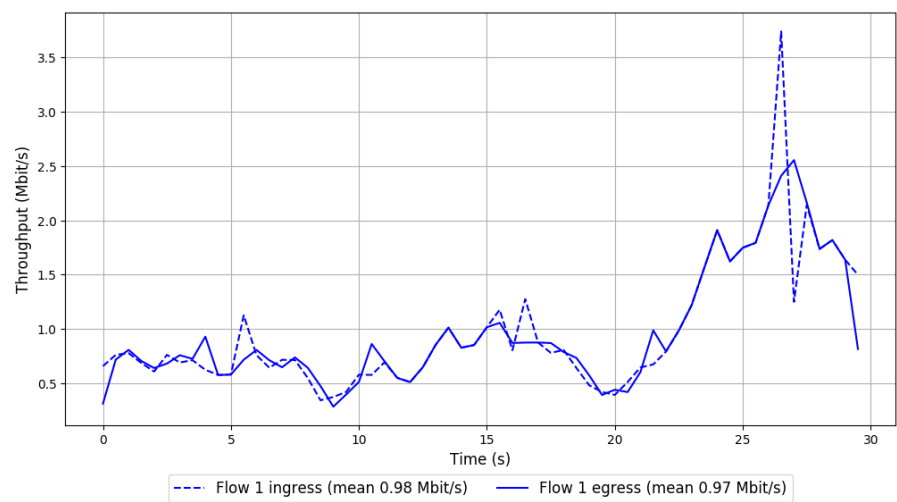
-- Flow 1:

Average throughput: 0.97 Mbit/s

95th percentile per-packet one-way delay: 168.740 ms

Loss rate: 1.18%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Tue, 25 Jul 2017 02:15:11 +0000

End at: Tue, 25 Jul 2017 02:15:41 +0000

Local clock offset: 1.782 ms

Remote clock offset: 0.049 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:46:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.26 Mbit/s

95th percentile per-packet one-way delay: 184.447 ms

Loss rate: 0.76%

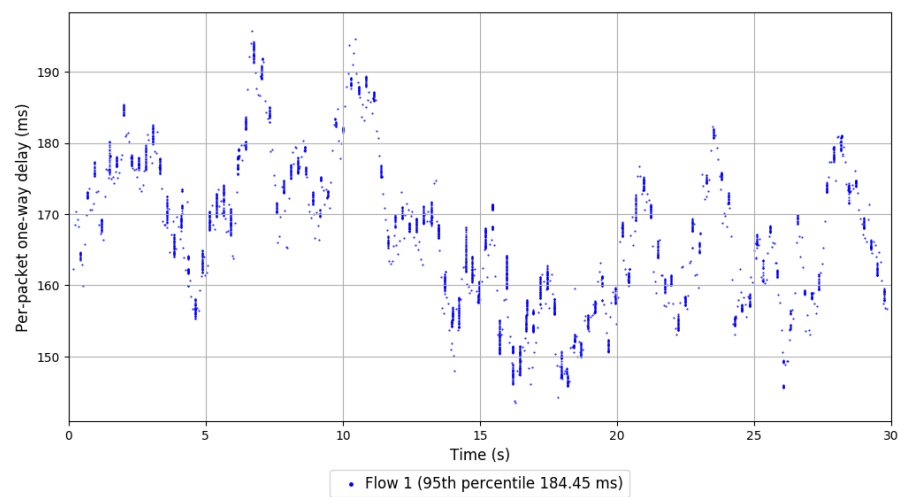
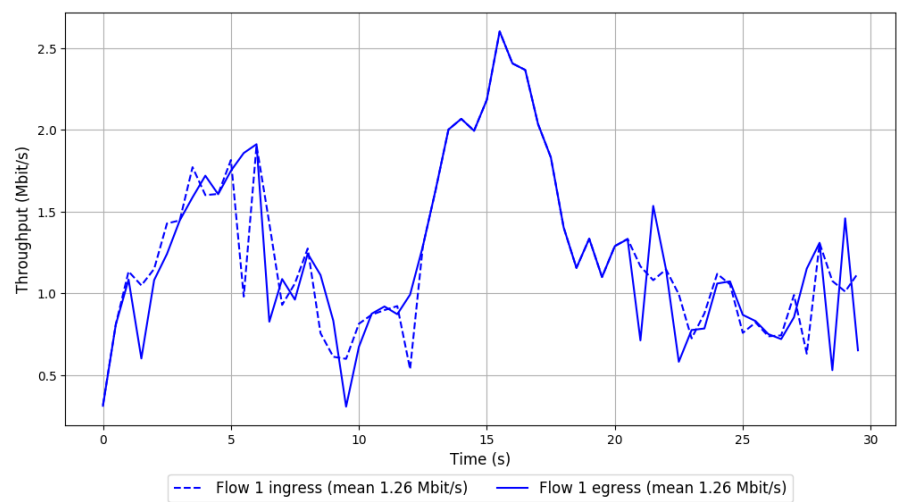
-- Flow 1:

Average throughput: 1.26 Mbit/s

95th percentile per-packet one-way delay: 184.447 ms

Loss rate: 0.76%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:24:19 +0000

End at: Mon, 24 Jul 2017 23:24:49 +0000

Local clock offset: 1.208 ms

Remote clock offset: 7.592 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.99 Mbit/s

95th percentile per-packet one-way delay: 151.171 ms

Loss rate: 1.01%

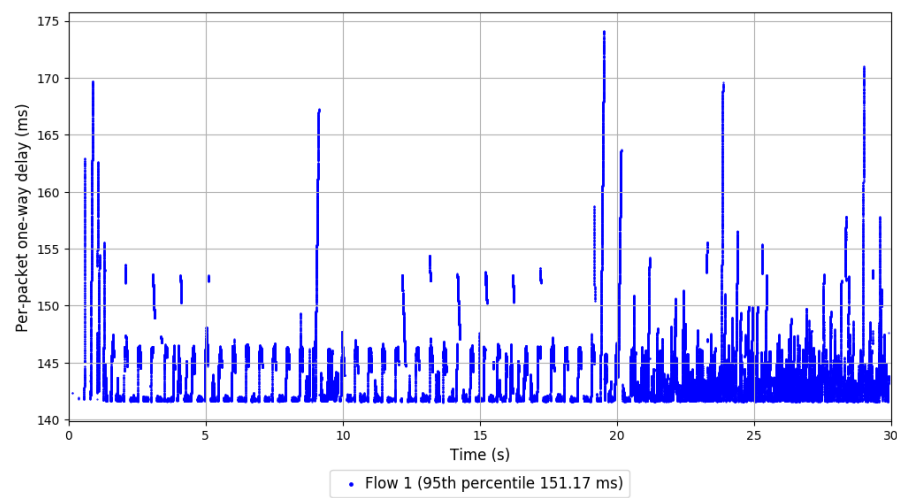
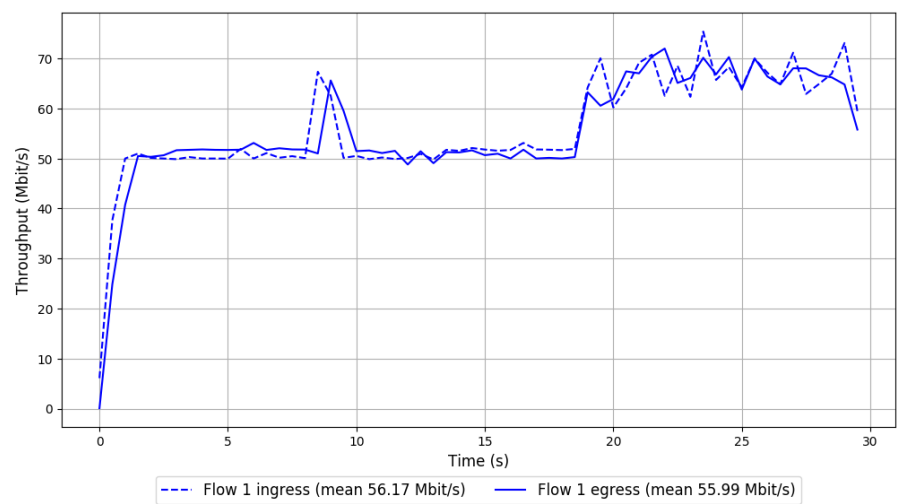
-- Flow 1:

Average throughput: 55.99 Mbit/s

95th percentile per-packet one-way delay: 151.171 ms

Loss rate: 1.01%

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



Run 2: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:43:33 +0000

End at: Mon, 24 Jul 2017 23:44:03 +0000

Local clock offset: 0.078 ms

Remote clock offset: 6.071 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.78 Mbit/s

95th percentile per-packet one-way delay: 149.993 ms

Loss rate: 0.85%

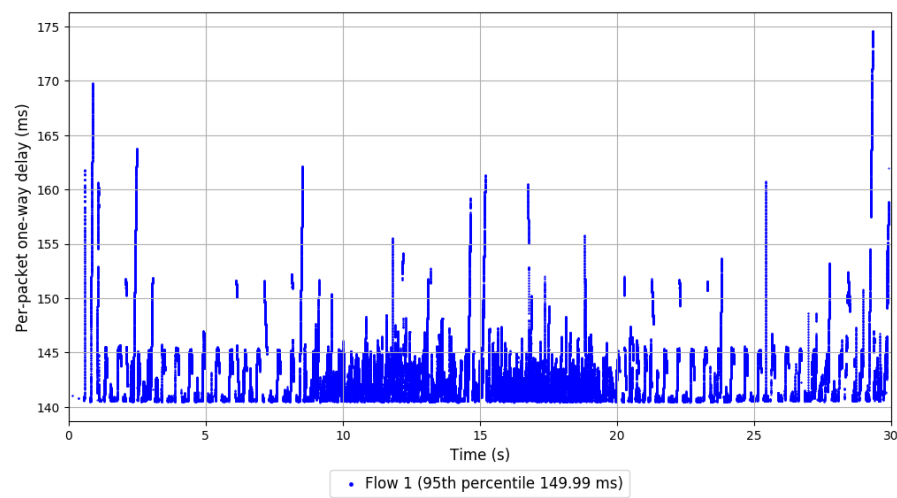
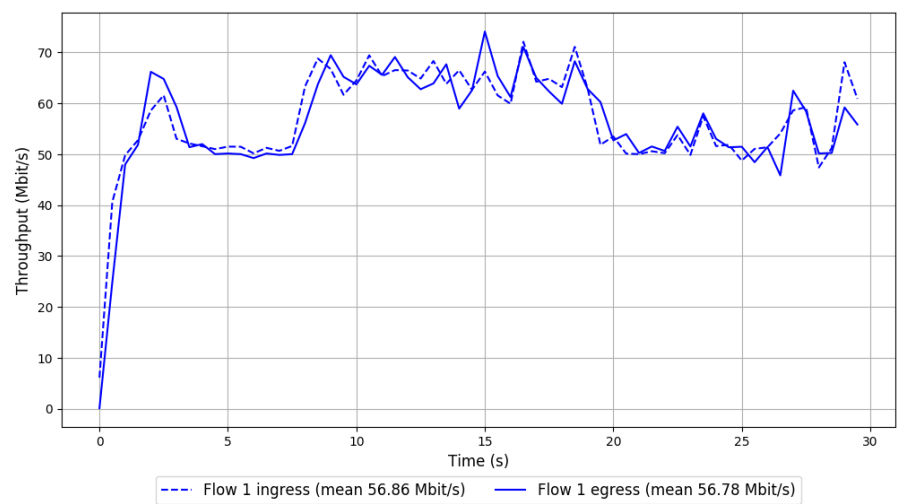
-- Flow 1:

Average throughput: 56.78 Mbit/s

95th percentile per-packet one-way delay: 149.993 ms

Loss rate: 0.85%

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



Run 3: Statistics of TaoVA-100x

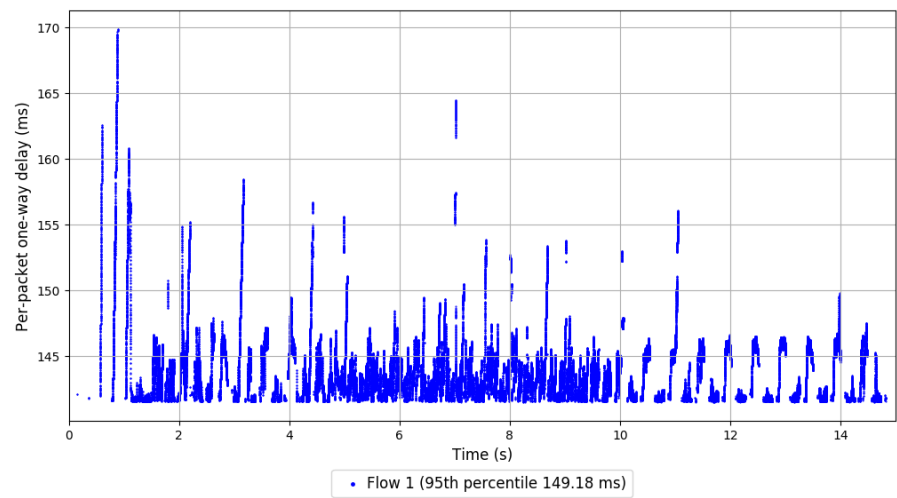
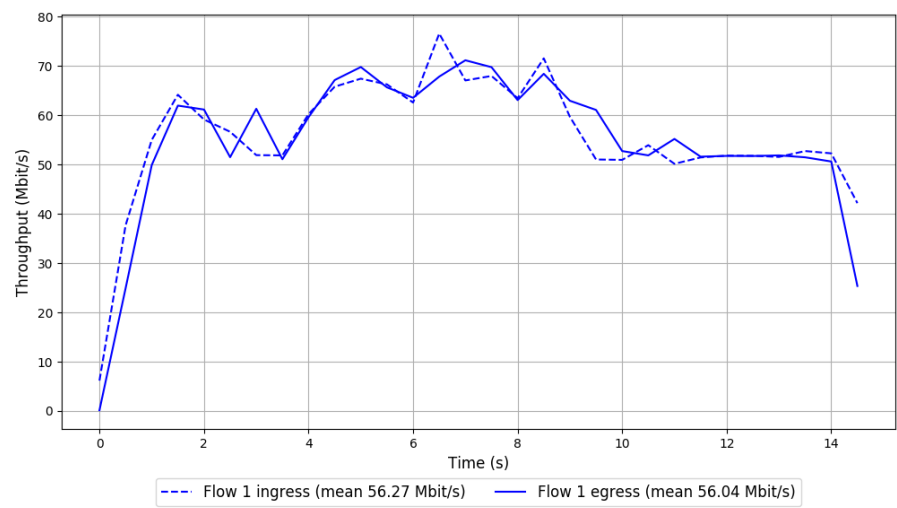
Start at: Tue, 25 Jul 2017 00:02:54 +0000

End at: Tue, 25 Jul 2017 00:03:24 +0000

Local clock offset: 1.337 ms

Remote clock offset: -3.555 ms

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



Run 4: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:22:03 +0000

End at: Tue, 25 Jul 2017 00:22:33 +0000

Local clock offset: 1.612 ms

Remote clock offset: -0.001 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.81 Mbit/s

95th percentile per-packet one-way delay: 153.650 ms

Loss rate: 1.96%

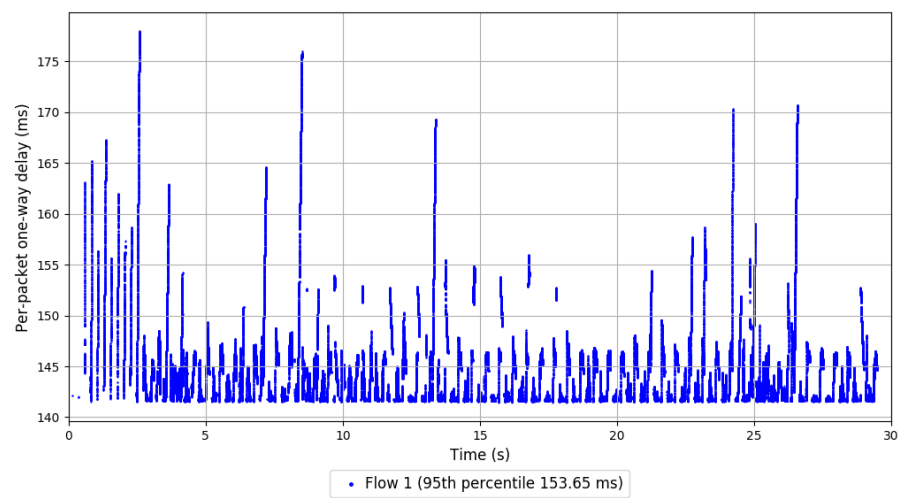
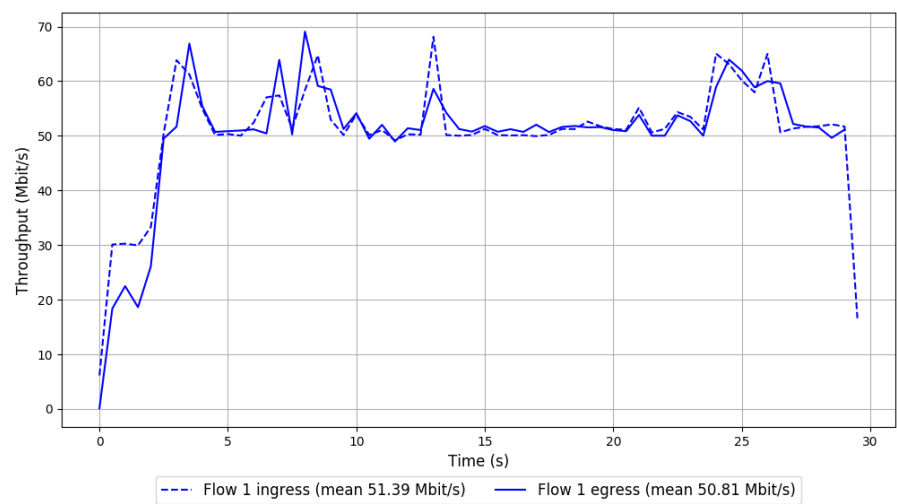
-- Flow 1:

Average throughput: 50.81 Mbit/s

95th percentile per-packet one-way delay: 153.650 ms

Loss rate: 1.96%

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



Run 5: Statistics of TaoVA-100x

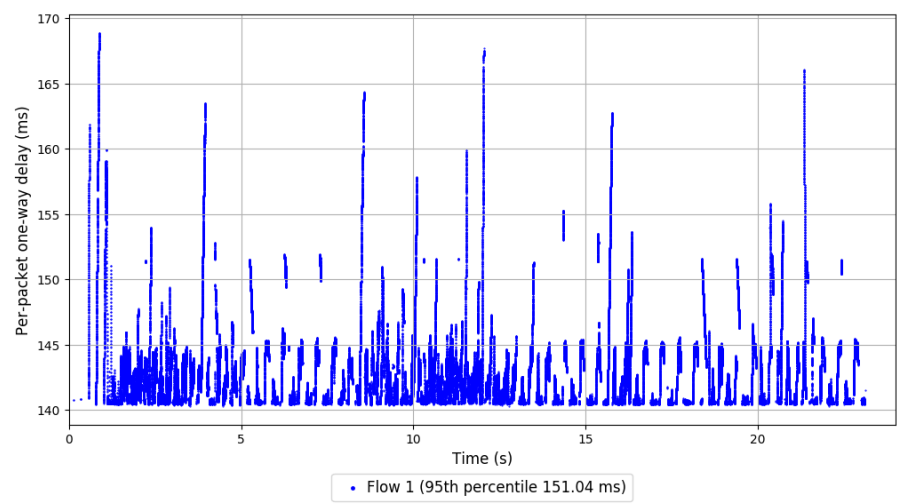
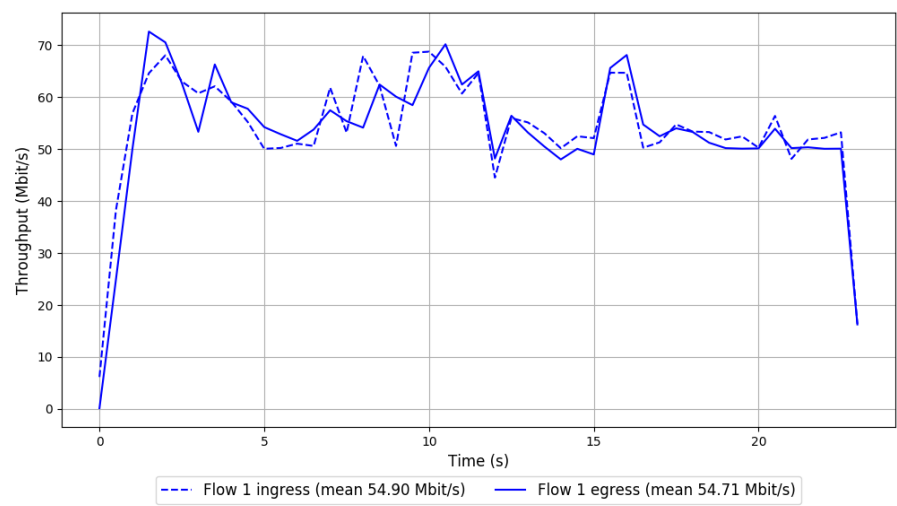
Start at: Tue, 25 Jul 2017 00:41:12 +0000

End at: Tue, 25 Jul 2017 00:41:42 +0000

Local clock offset: 0.315 ms

Remote clock offset: 0.194 ms

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:00:14 +0000

End at: Tue, 25 Jul 2017 01:00:44 +0000

Local clock offset: 1.828 ms

Remote clock offset: -0.303 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.16 Mbit/s

95th percentile per-packet one-way delay: 152.689 ms

Loss rate: 1.22%

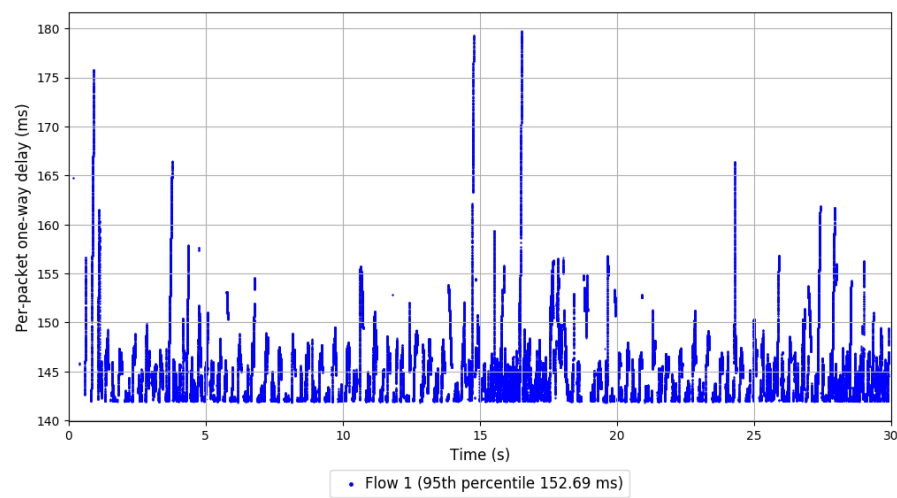
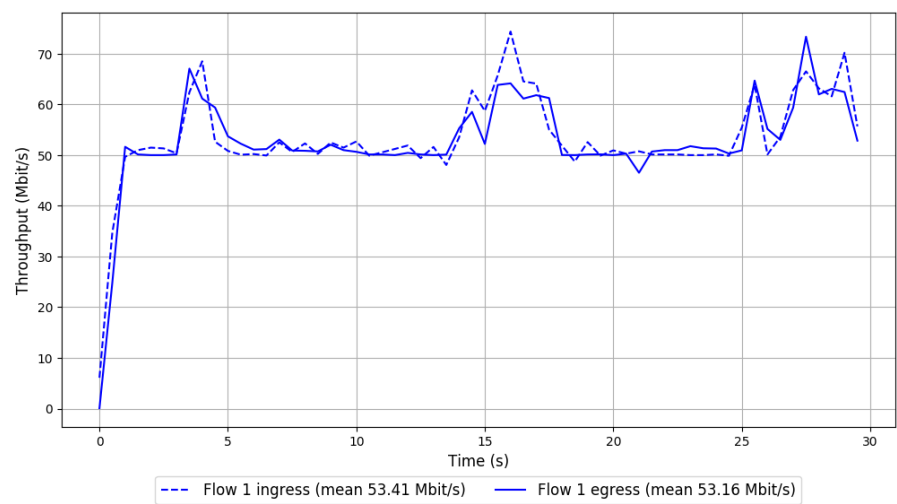
-- Flow 1:

Average throughput: 53.16 Mbit/s

95th percentile per-packet one-way delay: 152.689 ms

Loss rate: 1.22%

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



Run 7: Statistics of TaoVA-100x

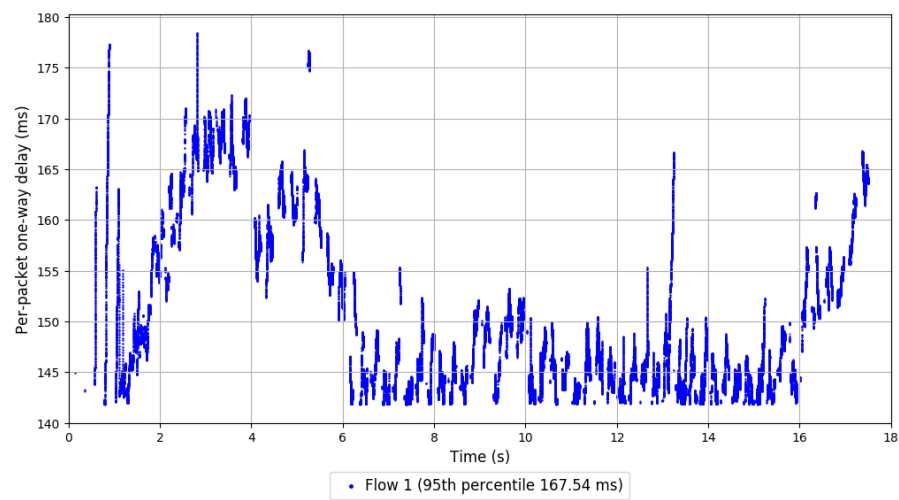
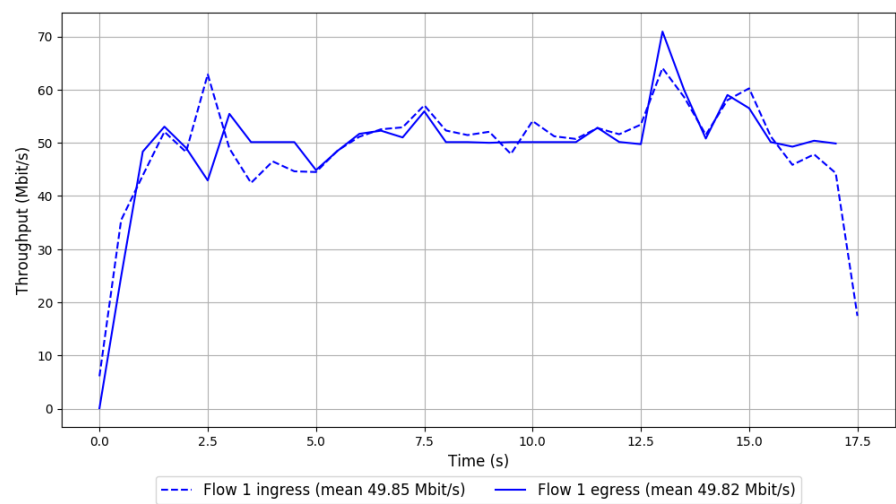
Start at: Tue, 25 Jul 2017 01:19:18 +0000

End at: Tue, 25 Jul 2017 01:19:48 +0000

Local clock offset: 1.712 ms

Remote clock offset: -0.132 ms

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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:38:16 +0000

End at: Tue, 25 Jul 2017 01:38:46 +0000

Local clock offset: 1.808 ms

Remote clock offset: -3.135 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.75 Mbit/s

95th percentile per-packet one-way delay: 161.350 ms

Loss rate: 1.23%

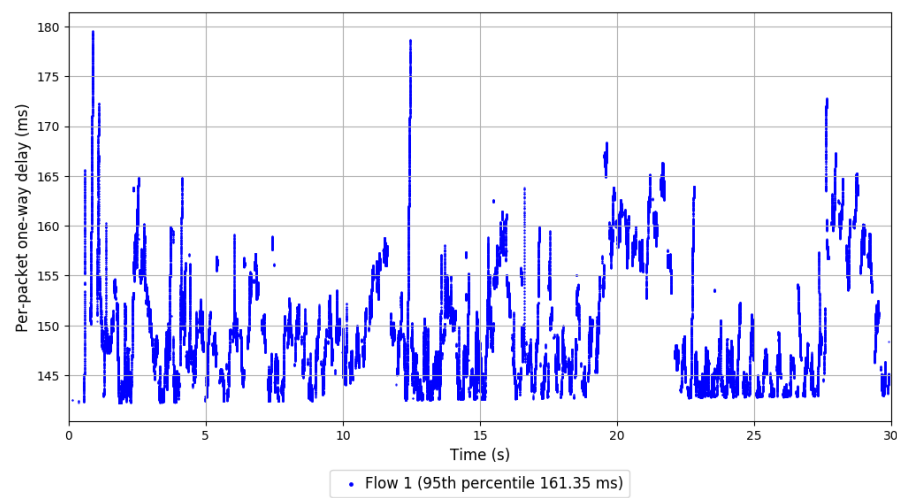
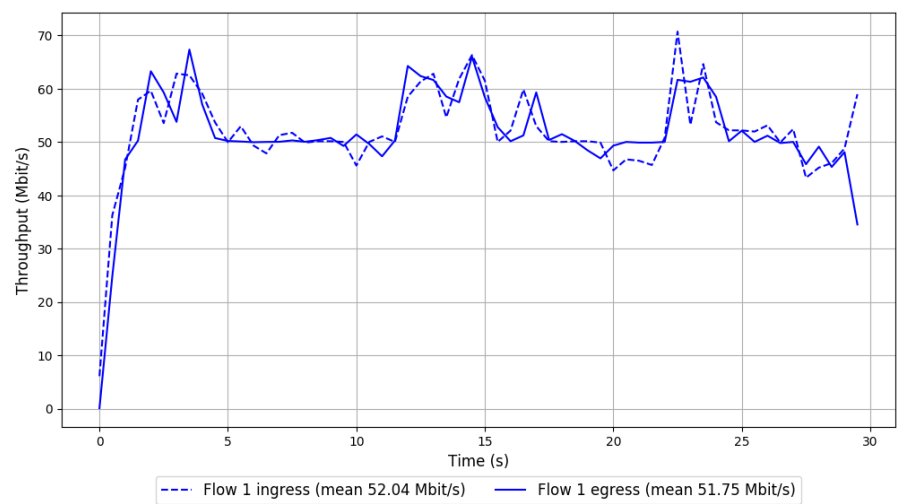
-- Flow 1:

Average throughput: 51.75 Mbit/s

95th percentile per-packet one-way delay: 161.350 ms

Loss rate: 1.23%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:57:22 +0000

End at: Tue, 25 Jul 2017 01:57:53 +0000

Local clock offset: 0.518 ms

Remote clock offset: -0.422 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.18 Mbit/s

95th percentile per-packet one-way delay: 153.849 ms

Loss rate: 0.99%

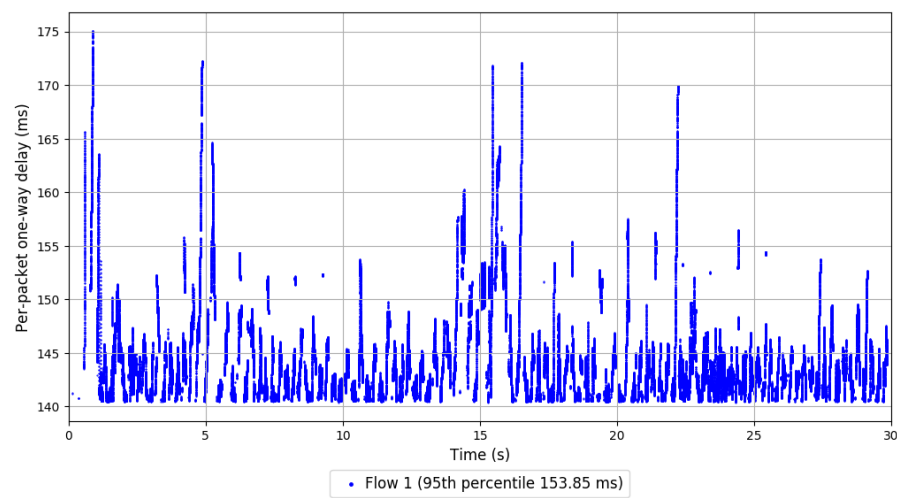
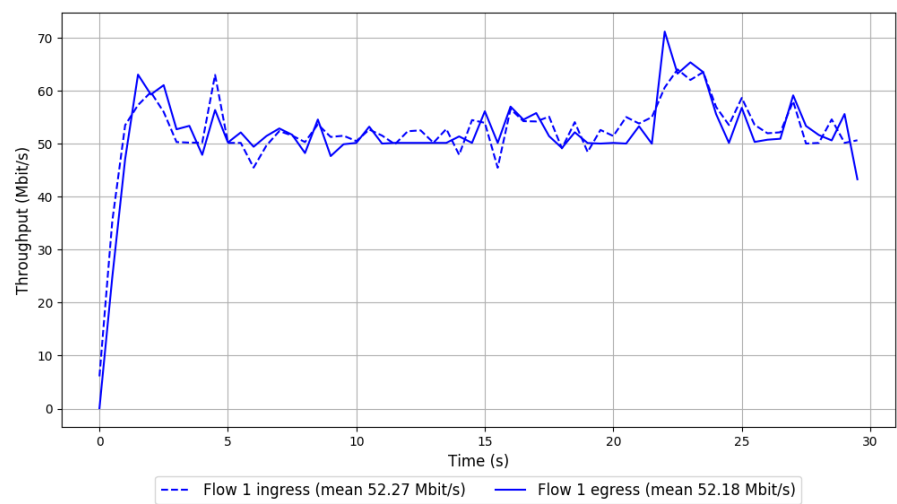
-- Flow 1:

Average throughput: 52.18 Mbit/s

95th percentile per-packet one-way delay: 153.849 ms

Loss rate: 0.99%

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



Run 10: Statistics of TaoVA-100x

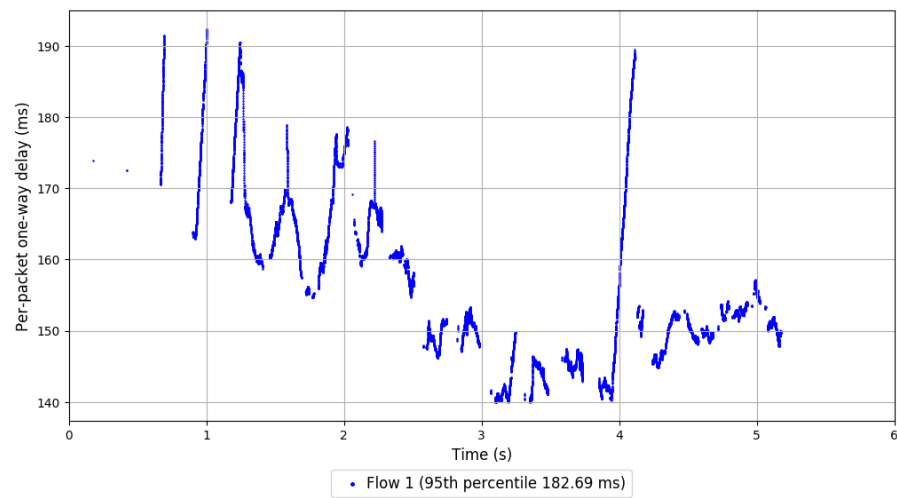
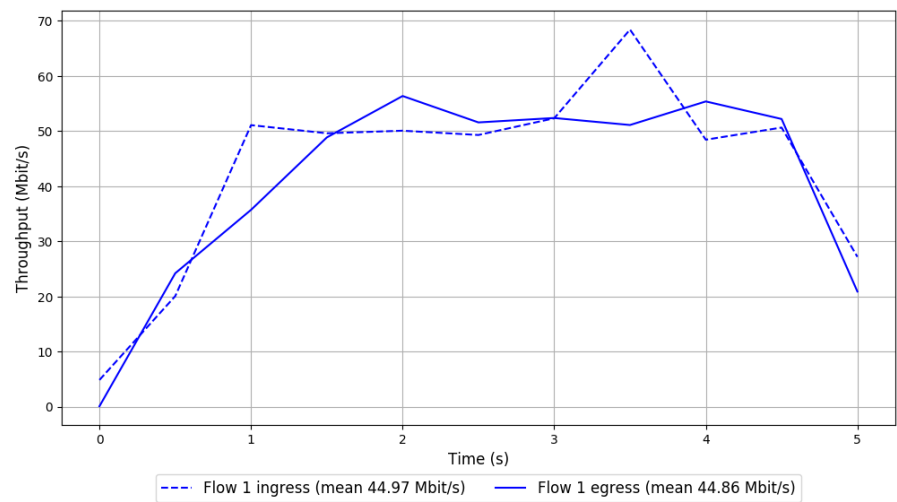
Start at: Tue, 25 Jul 2017 02:16:26 +0000

End at: Tue, 25 Jul 2017 02:16:56 +0000

Local clock offset: 0.145 ms

Remote clock offset: 0.108 ms

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



Run 1: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:33:18 +0000

End at: Mon, 24 Jul 2017 23:33:48 +0000

Local clock offset: 0.043 ms

Remote clock offset: 6.787 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.44 Mbit/s

95th percentile per-packet one-way delay: 143.665 ms

Loss rate: 0.77%

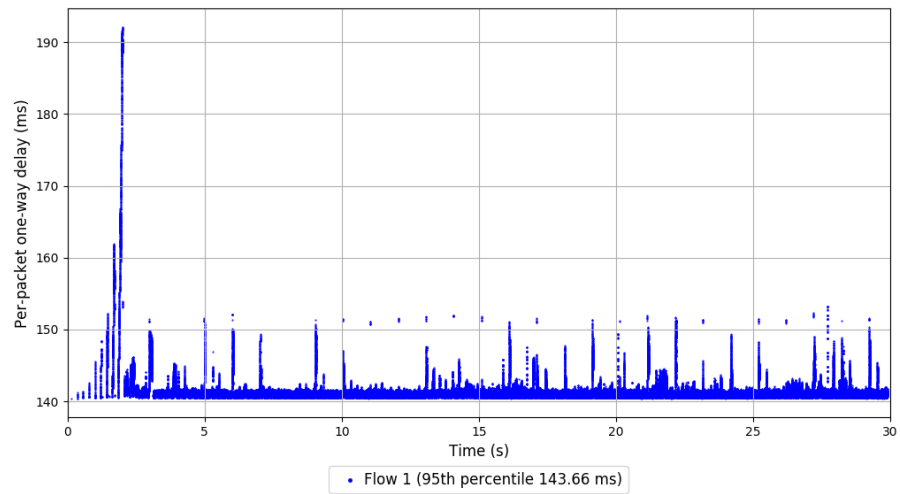
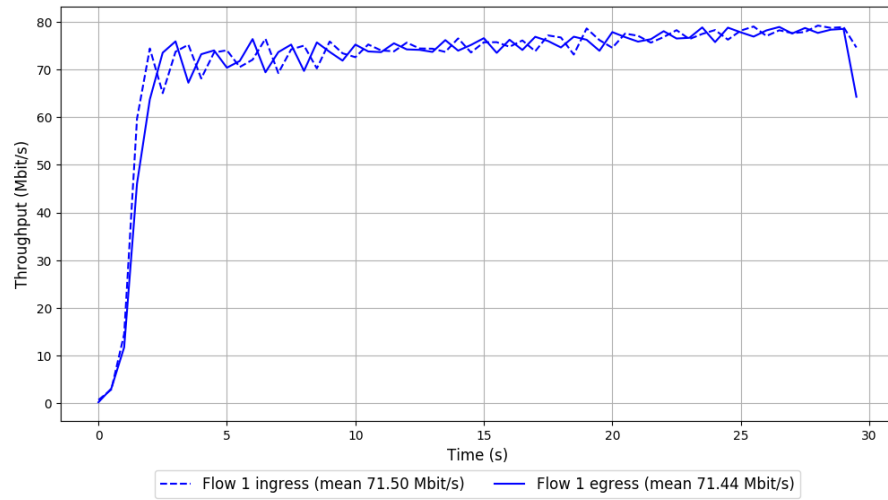
-- Flow 1:

Average throughput: 71.44 Mbit/s

95th percentile per-packet one-way delay: 143.665 ms

Loss rate: 0.77%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:52:40 +0000

End at: Mon, 24 Jul 2017 23:53:10 +0000

Local clock offset: 0.039 ms

Remote clock offset: 5.446 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.35 Mbit/s

95th percentile per-packet one-way delay: 143.734 ms

Loss rate: 0.78%

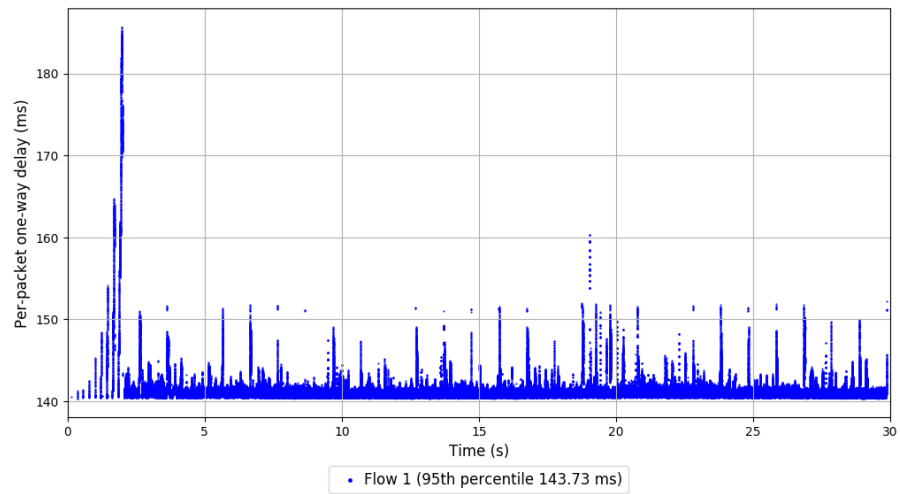
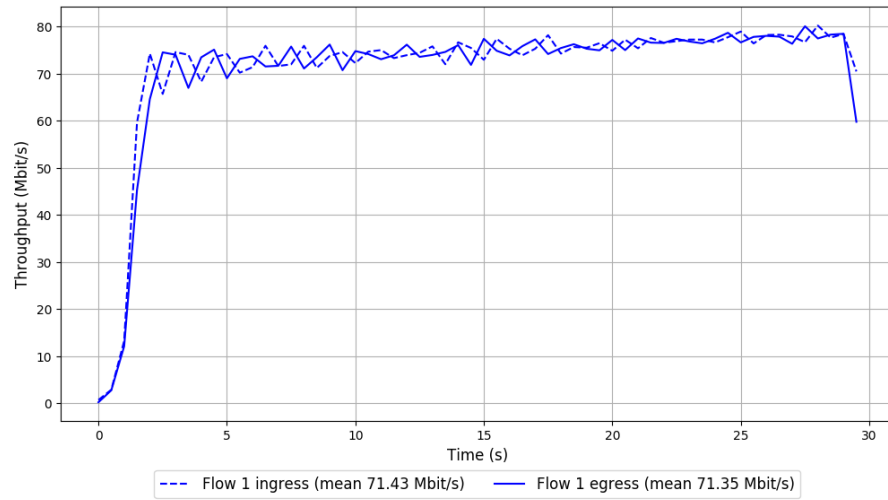
-- Flow 1:

Average throughput: 71.35 Mbit/s

95th percentile per-packet one-way delay: 143.734 ms

Loss rate: 0.78%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:11:51 +0000

End at: Tue, 25 Jul 2017 00:12:21 +0000

Local clock offset: 1.356 ms

Remote clock offset: 1.013 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:47:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.93 Mbit/s

95th percentile per-packet one-way delay: 151.175 ms

Loss rate: 0.97%

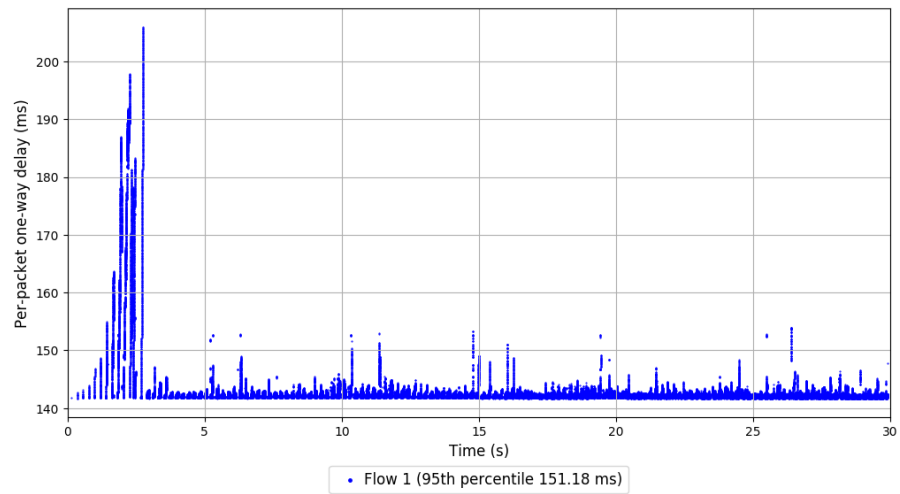
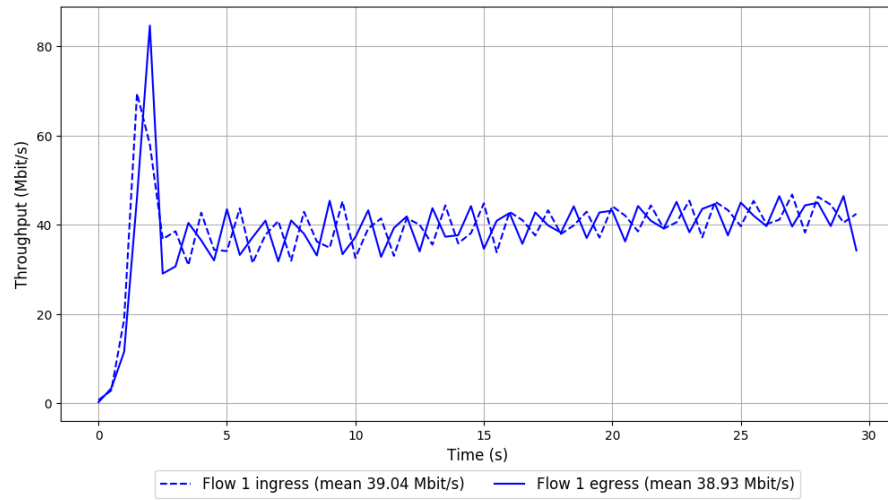
-- Flow 1:

Average throughput: 38.93 Mbit/s

95th percentile per-packet one-way delay: 151.175 ms

Loss rate: 0.97%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:31:00 +0000

End at: Tue, 25 Jul 2017 00:31:30 +0000

Local clock offset: 0.194 ms

Remote clock offset: 0.64 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.90 Mbit/s

95th percentile per-packet one-way delay: 145.457 ms

Loss rate: 0.78%

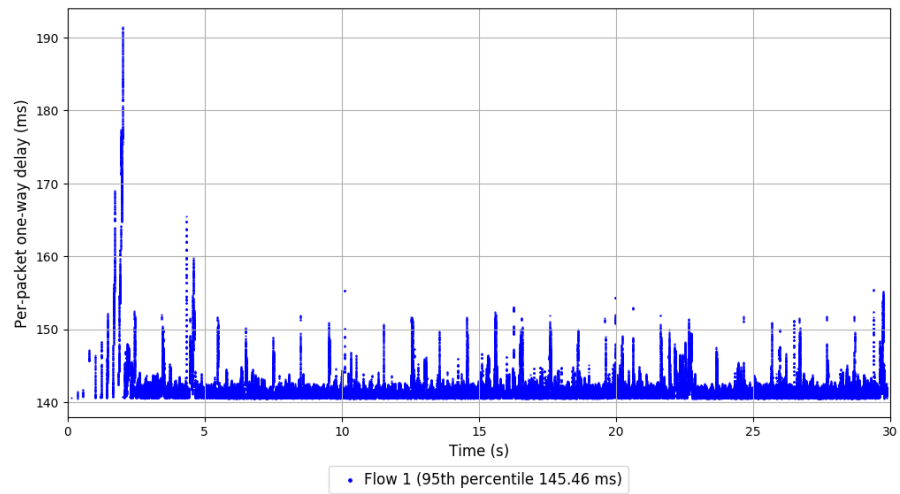
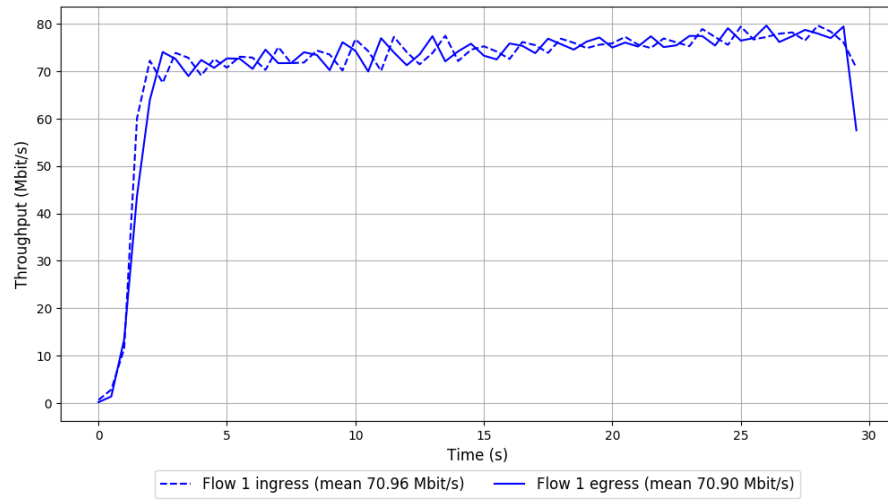
-- Flow 1:

Average throughput: 70.90 Mbit/s

95th percentile per-packet one-way delay: 145.457 ms

Loss rate: 0.78%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:50:05 +0000

End at: Tue, 25 Jul 2017 00:50:35 +0000

Local clock offset: 0.394 ms

Remote clock offset: 0.094 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.24 Mbit/s

95th percentile per-packet one-way delay: 147.181 ms

Loss rate: 0.86%

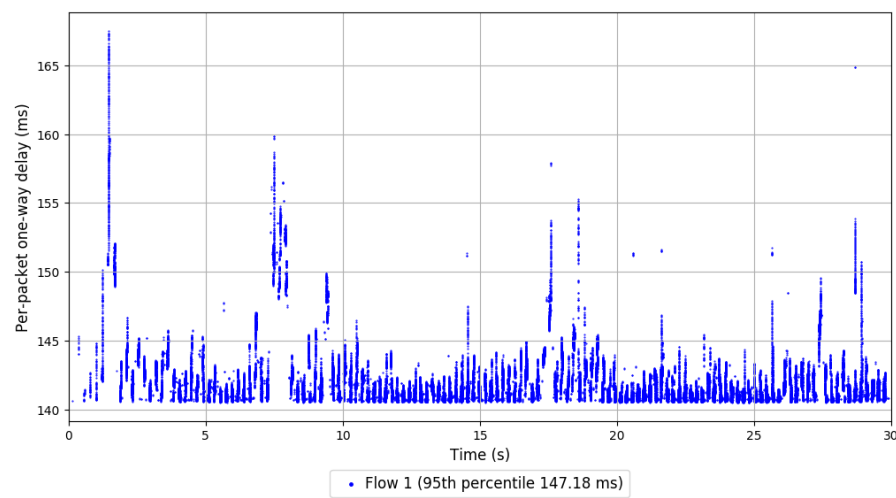
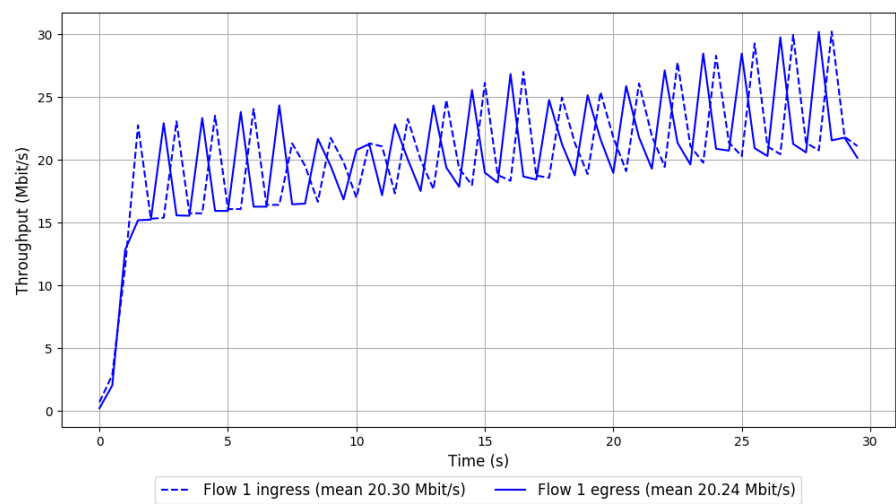
-- Flow 1:

Average throughput: 20.24 Mbit/s

95th percentile per-packet one-way delay: 147.181 ms

Loss rate: 0.86%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:09:08 +0000

End at: Tue, 25 Jul 2017 01:09:38 +0000

Local clock offset: 1.728 ms

Remote clock offset: -0.239 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.57 Mbit/s

95th percentile per-packet one-way delay: 158.306 ms

Loss rate: 0.99%

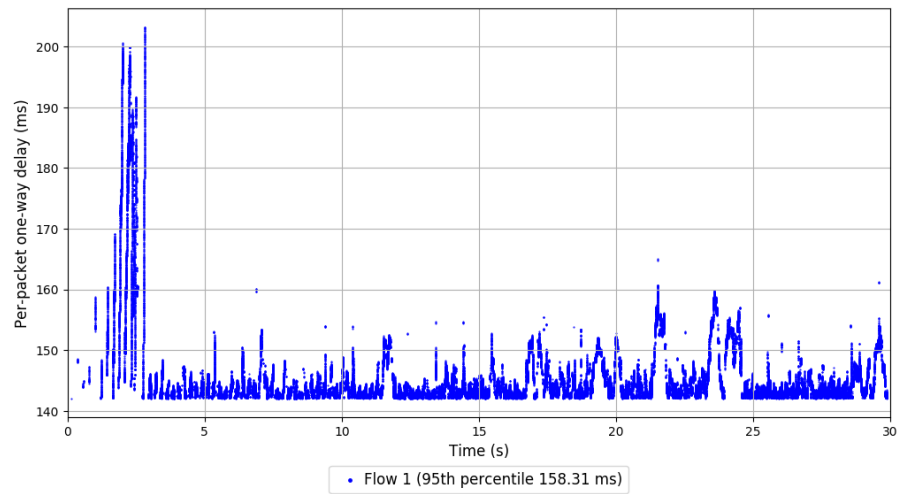
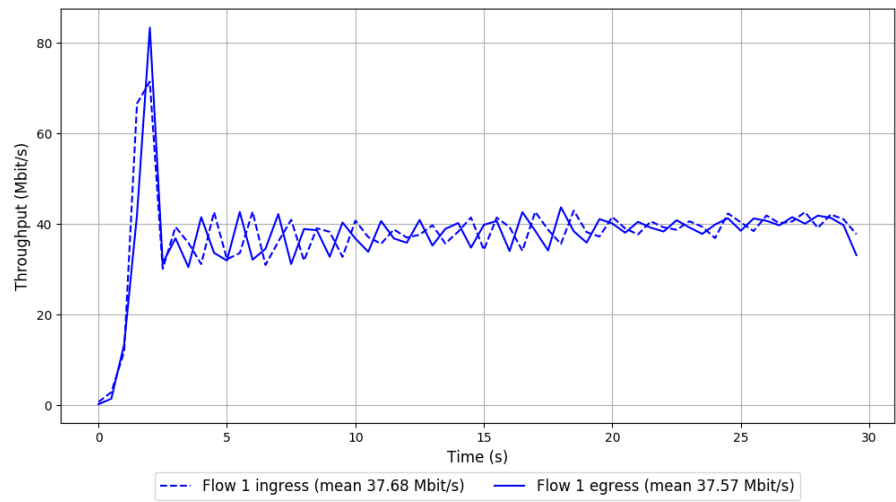
-- Flow 1:

Average throughput: 37.57 Mbit/s

95th percentile per-packet one-way delay: 158.306 ms

Loss rate: 0.99%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:28:10 +0000

End at: Tue, 25 Jul 2017 01:28:40 +0000

Local clock offset: 0.52 ms

Remote clock offset: -12.844 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.60 Mbit/s

95th percentile per-packet one-way delay: 150.128 ms

Loss rate: 0.92%

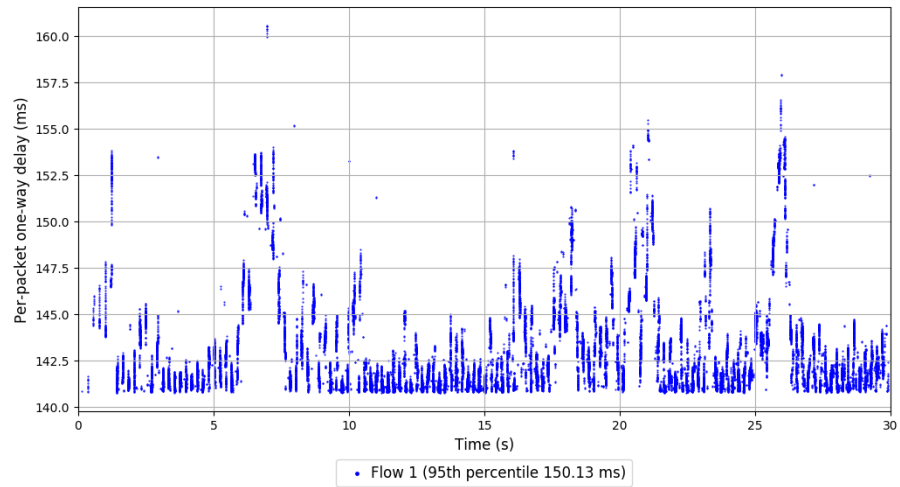
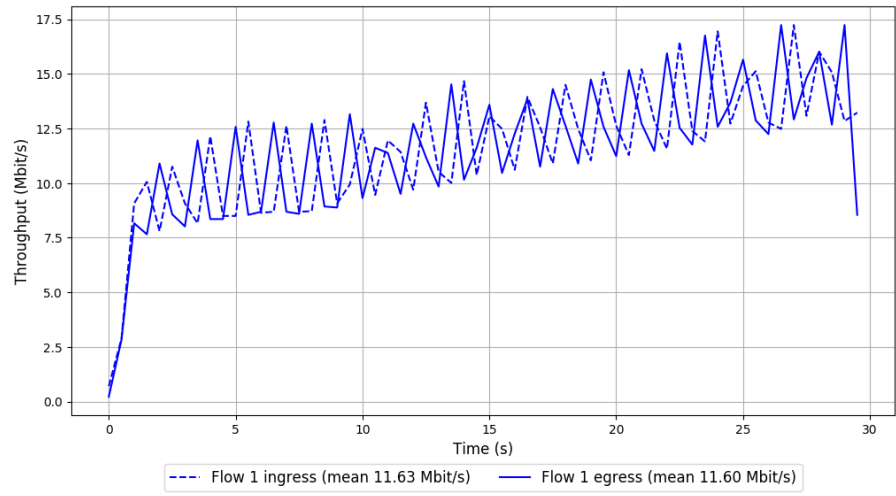
-- Flow 1:

Average throughput: 11.60 Mbit/s

95th percentile per-packet one-way delay: 150.128 ms

Loss rate: 0.92%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:47:10 +0000

End at: Tue, 25 Jul 2017 01:47:41 +0000

Local clock offset: 1.808 ms

Remote clock offset: 0.863 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.41 Mbit/s

95th percentile per-packet one-way delay: 163.481 ms

Loss rate: 0.75%

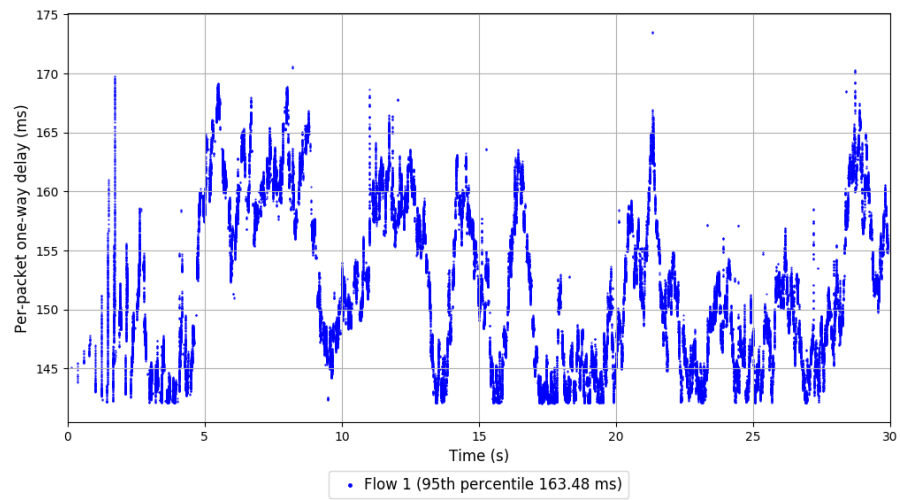
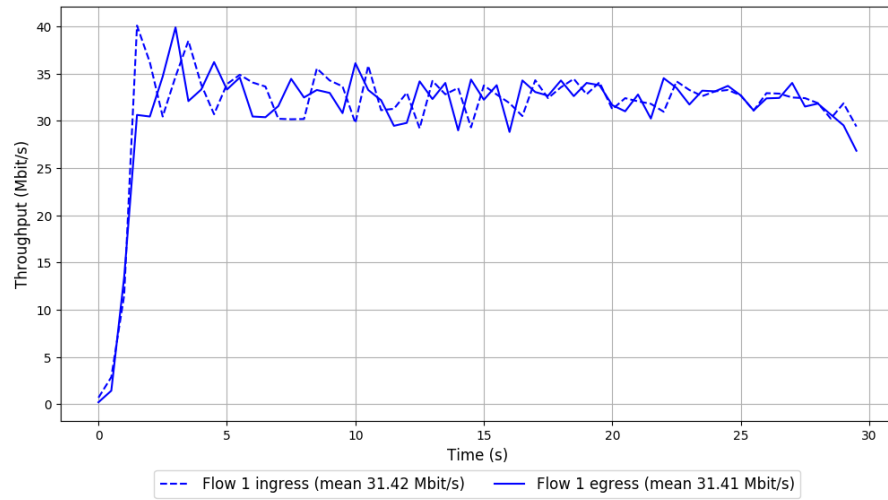
-- Flow 1:

Average throughput: 31.41 Mbit/s

95th percentile per-packet one-way delay: 163.481 ms

Loss rate: 0.75%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 02:06:15 +0000

End at: Tue, 25 Jul 2017 02:06:45 +0000

Local clock offset: 0.528 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.81 Mbit/s

95th percentile per-packet one-way delay: 161.068 ms

Loss rate: 0.76%

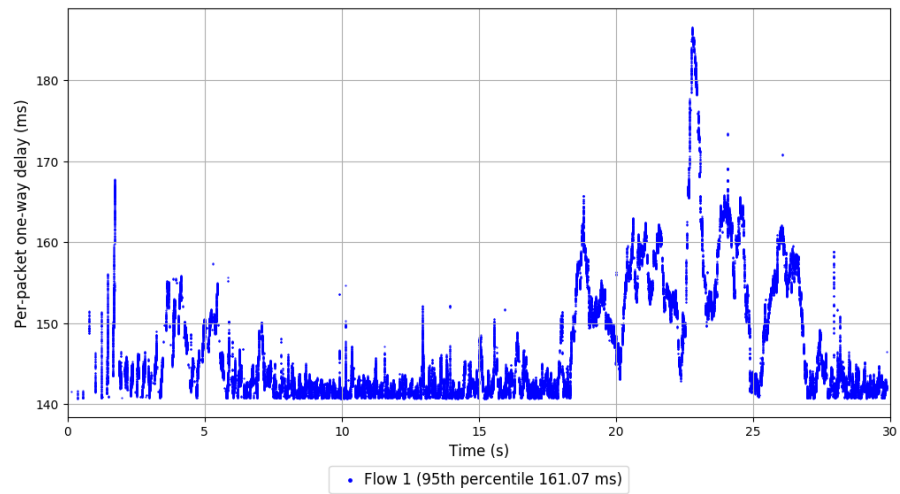
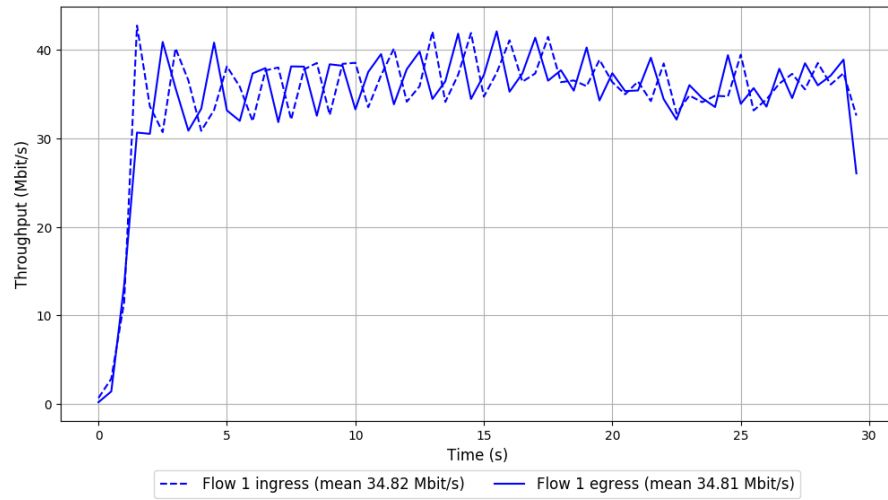
-- Flow 1:

Average throughput: 34.81 Mbit/s

95th percentile per-packet one-way delay: 161.068 ms

Loss rate: 0.76%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 02:25:12 +0000

End at: Tue, 25 Jul 2017 02:25:42 +0000

Local clock offset: 0.478 ms

Remote clock offset: -0.127 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.28 Mbit/s

95th percentile per-packet one-way delay: 190.301 ms

Loss rate: 0.72%

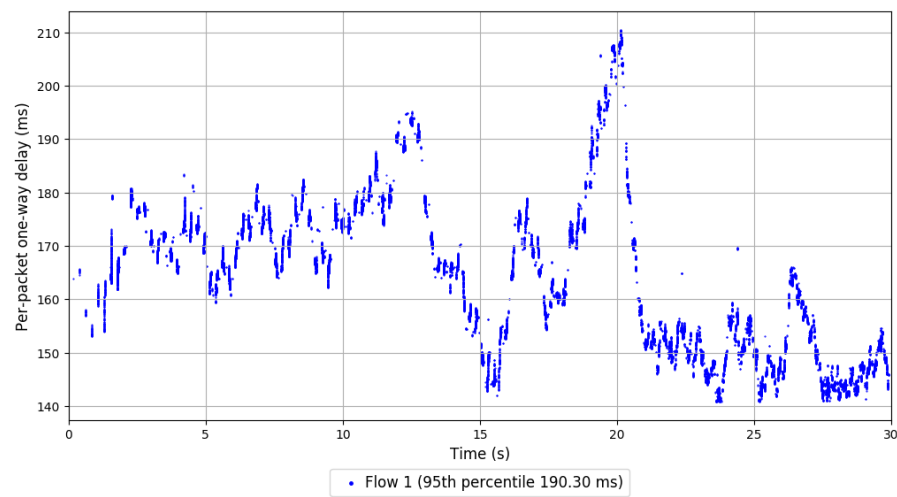
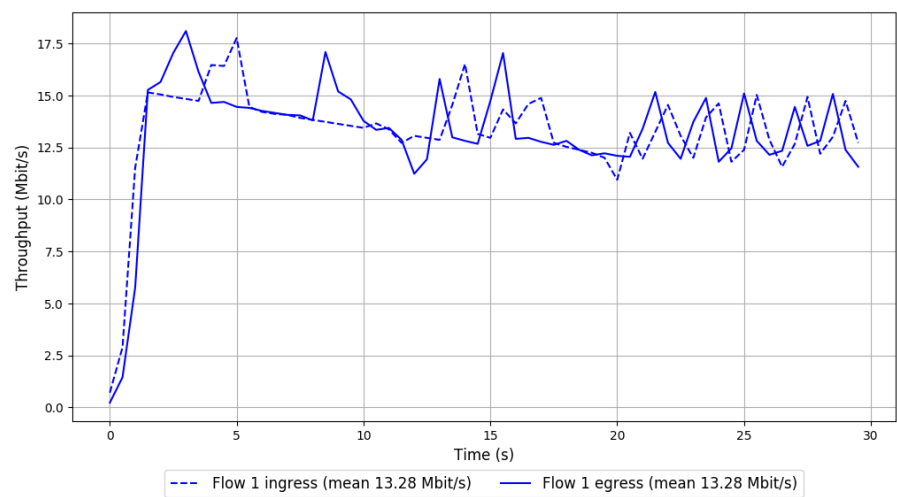
-- Flow 1:

Average throughput: 13.28 Mbit/s

95th percentile per-packet one-way delay: 190.301 ms

Loss rate: 0.72%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:17:51 +0000

End at: Mon, 24 Jul 2017 23:18:21 +0000

Local clock offset: 1.198 ms

Remote clock offset: 7.676 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 28.01 Mbit/s

95th percentile per-packet one-way delay: 180.454 ms

Loss rate: 8.87%

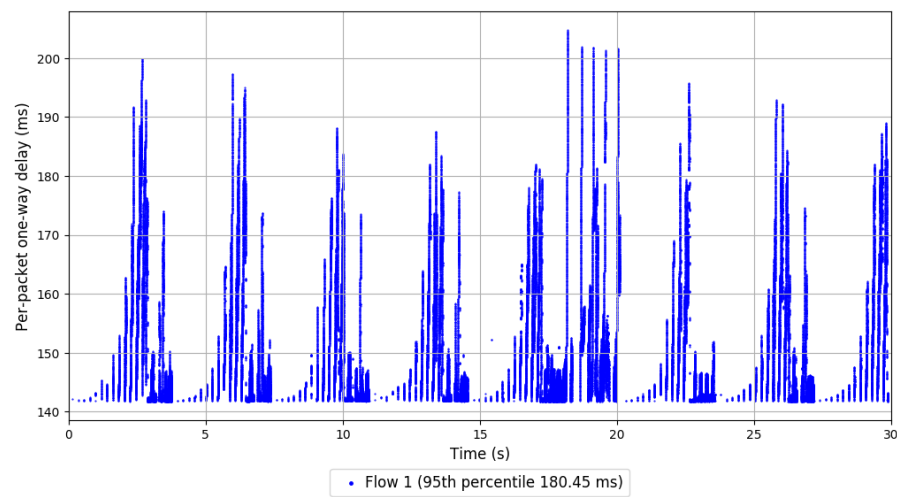
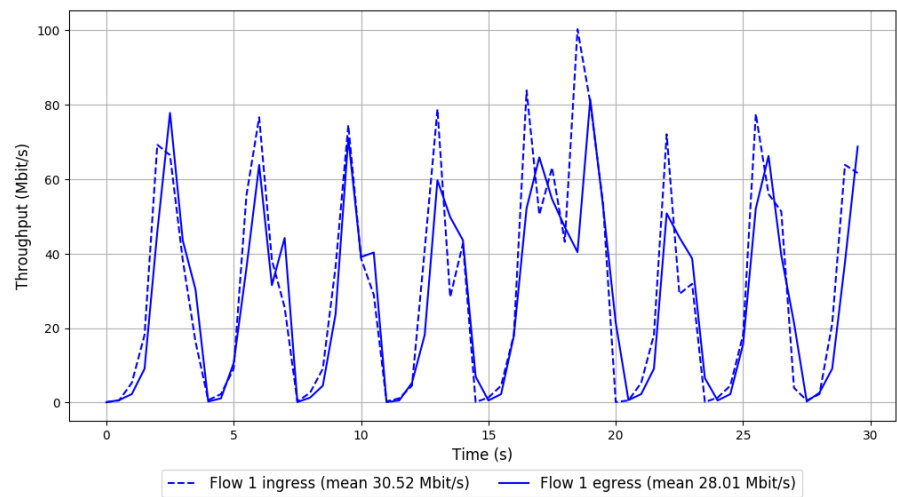
-- Flow 1:

Average throughput: 28.01 Mbit/s

95th percentile per-packet one-way delay: 180.454 ms

Loss rate: 8.87%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:37:04 +0000

End at: Mon, 24 Jul 2017 23:37:34 +0000

Local clock offset: 0.026 ms

Remote clock offset: 6.493 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.05 Mbit/s

95th percentile per-packet one-way delay: 209.563 ms

Loss rate: 56.42%

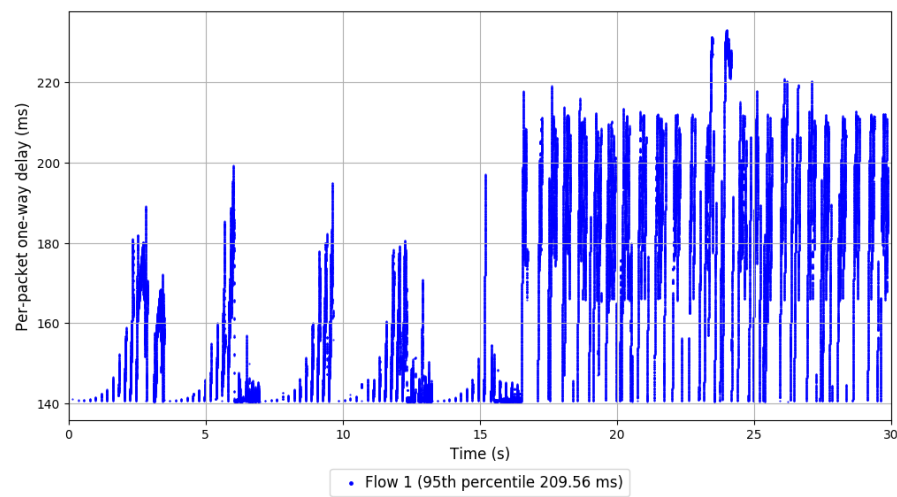
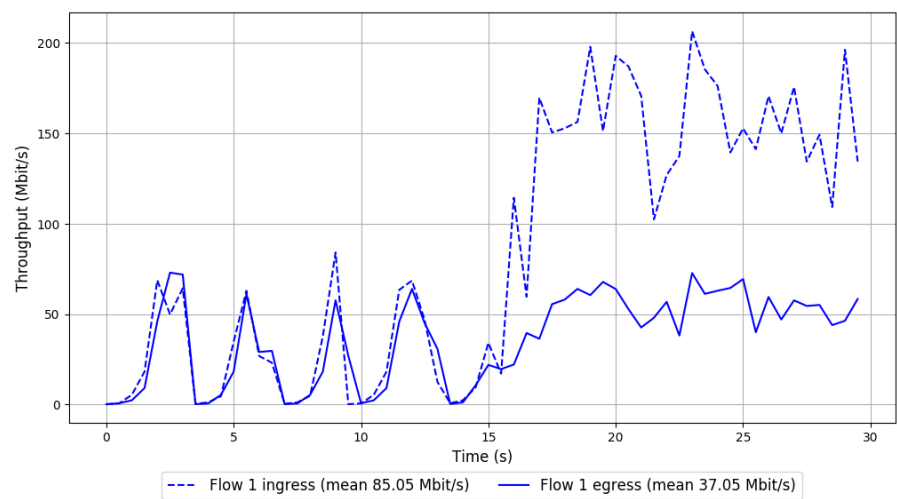
-- Flow 1:

Average throughput: 37.05 Mbit/s

95th percentile per-packet one-way delay: 209.563 ms

Loss rate: 56.42%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:56:26 +0000

End at: Mon, 24 Jul 2017 23:56:56 +0000

Local clock offset: 1.344 ms

Remote clock offset: 5.123 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.83 Mbit/s

95th percentile per-packet one-way delay: 205.948 ms

Loss rate: 53.38%

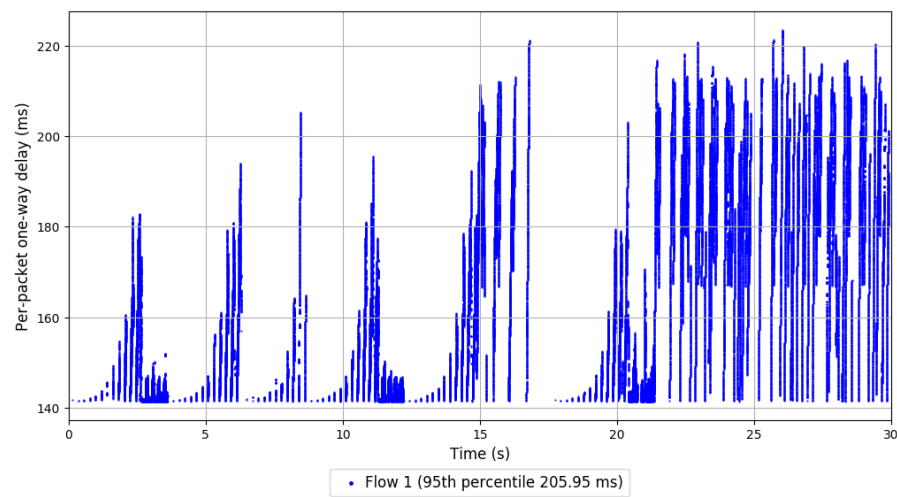
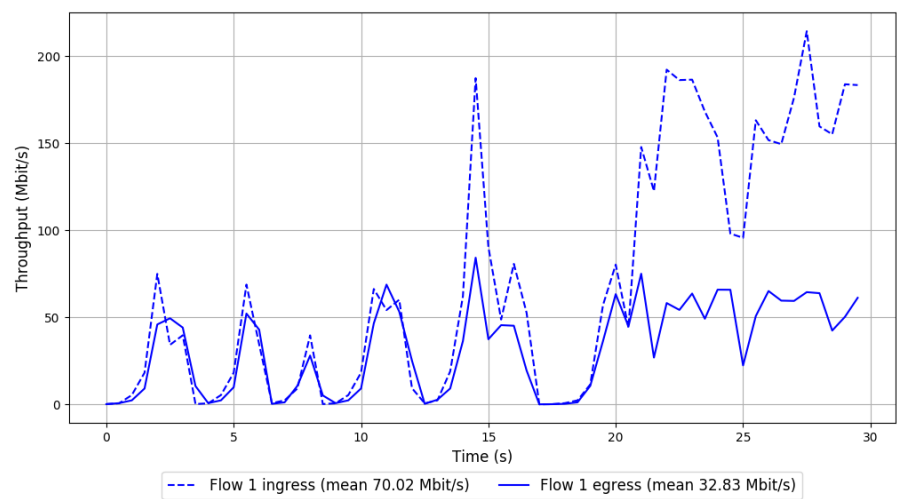
-- Flow 1:

Average throughput: 32.83 Mbit/s

95th percentile per-packet one-way delay: 205.948 ms

Loss rate: 53.38%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:15:34 +0000

End at: Tue, 25 Jul 2017 00:16:04 +0000

Local clock offset: 0.157 ms

Remote clock offset: 0.367 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.60 Mbit/s

95th percentile per-packet one-way delay: 179.395 ms

Loss rate: 16.05%

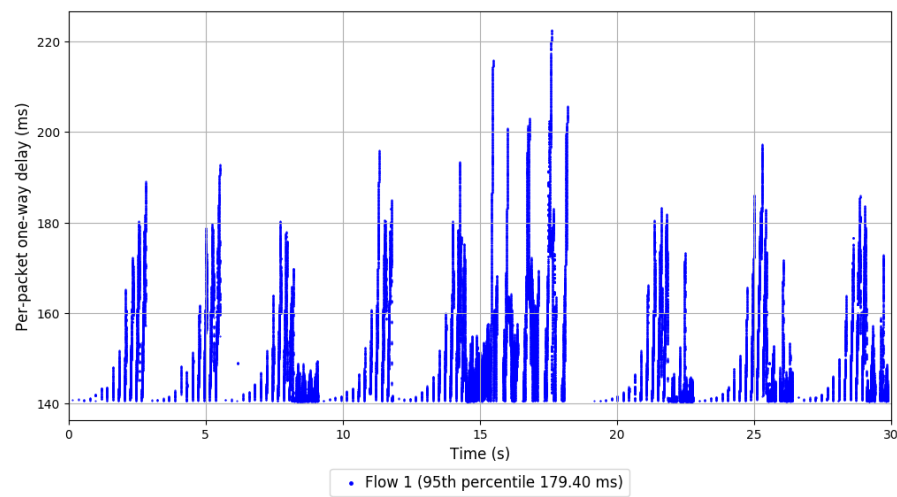
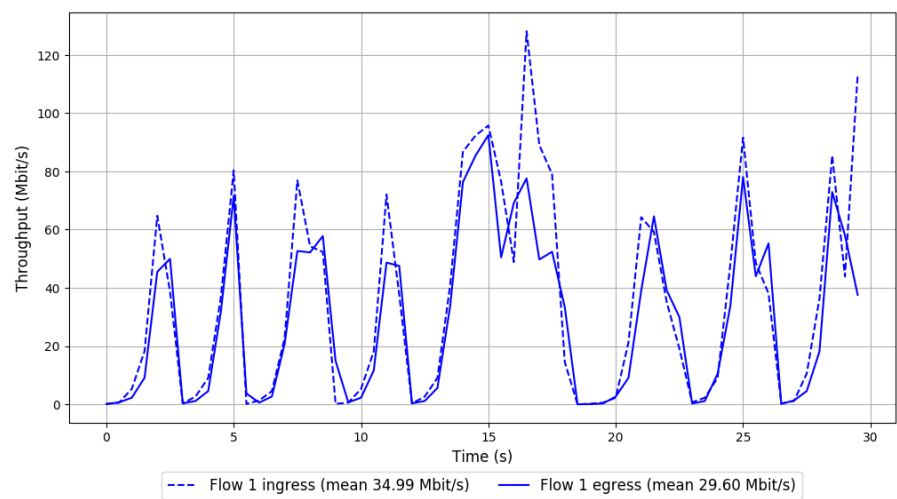
-- Flow 1:

Average throughput: 29.60 Mbit/s

95th percentile per-packet one-way delay: 179.395 ms

Loss rate: 16.05%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:34:46 +0000

End at: Tue, 25 Jul 2017 00:35:16 +0000

Local clock offset: 0.293 ms

Remote clock offset: 0.814 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.96 Mbit/s

95th percentile per-packet one-way delay: 177.053 ms

Loss rate: 6.81%

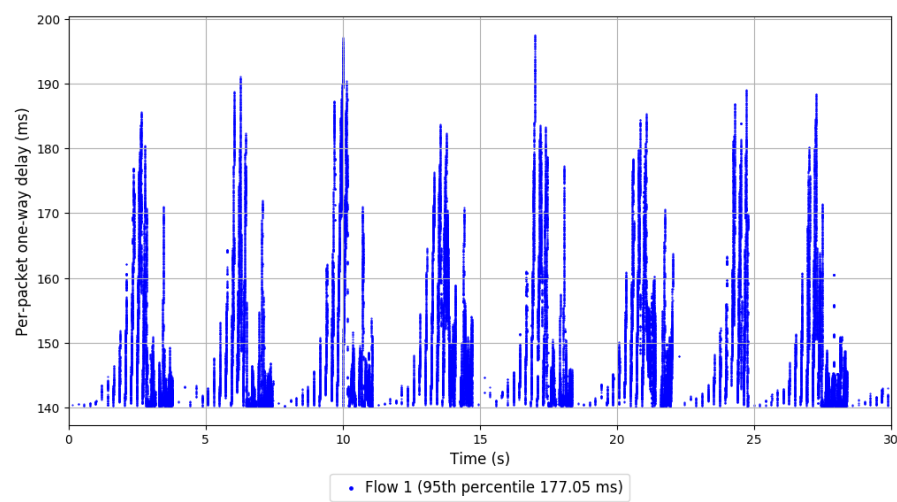
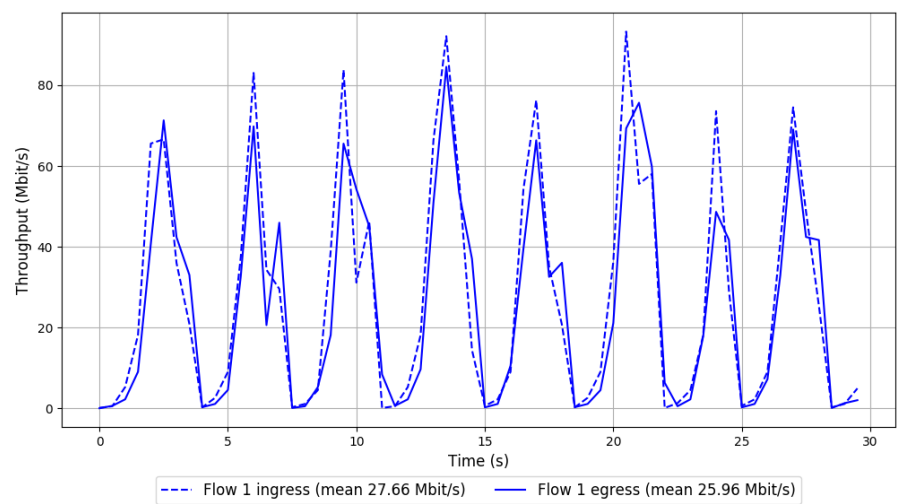
-- Flow 1:

Average throughput: 25.96 Mbit/s

95th percentile per-packet one-way delay: 177.053 ms

Loss rate: 6.81%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:53:47 +0000

End at: Tue, 25 Jul 2017 00:54:17 +0000

Local clock offset: 1.87 ms

Remote clock offset: -0.309 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 180.257 ms

Loss rate: 6.68%

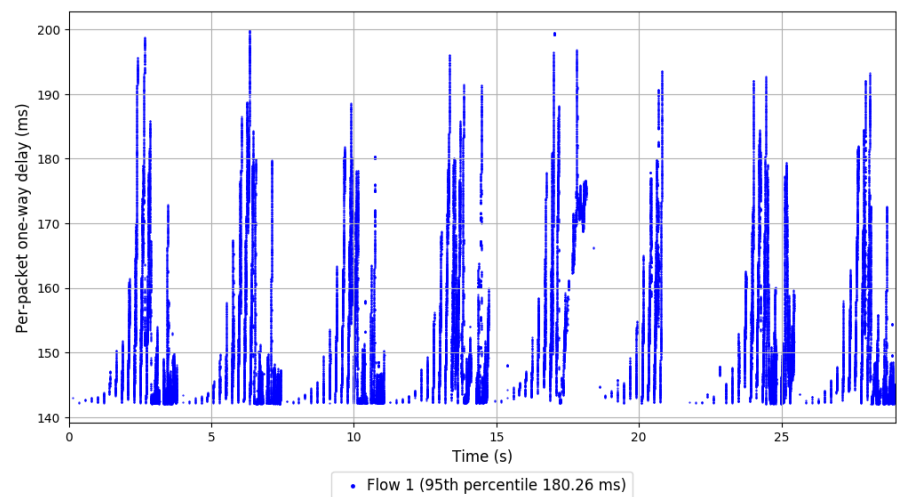
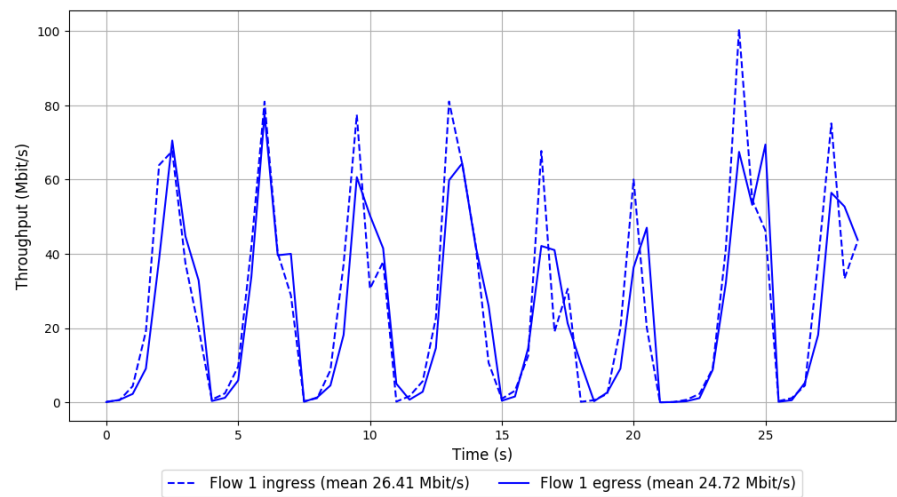
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 180.257 ms

Loss rate: 6.68%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:12:52 +0000

End at: Tue, 25 Jul 2017 01:13:22 +0000

Local clock offset: 0.524 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 28.23 Mbit/s

95th percentile per-packet one-way delay: 197.200 ms

Loss rate: 35.64%

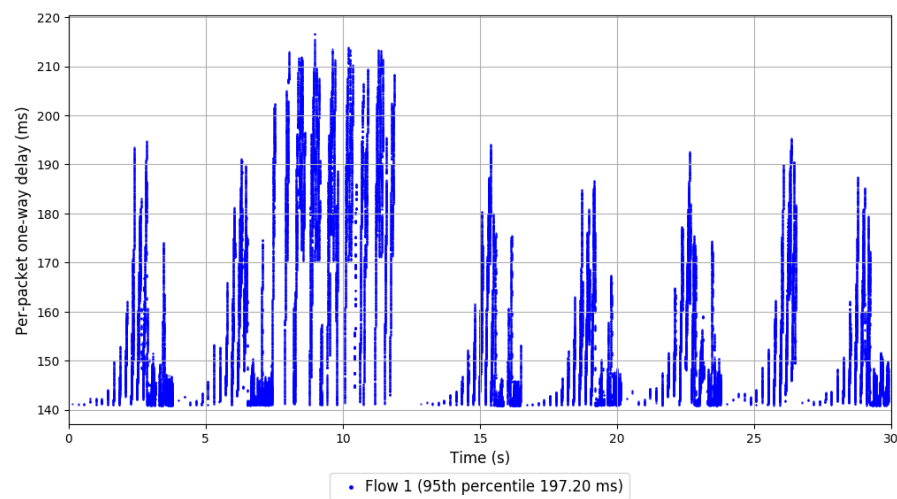
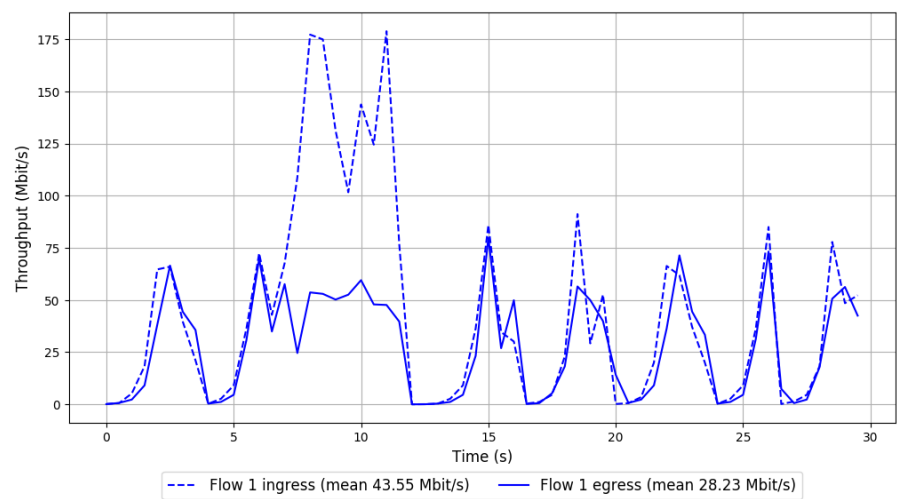
-- Flow 1:

Average throughput: 28.23 Mbit/s

95th percentile per-packet one-way delay: 197.200 ms

Loss rate: 35.64%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:31:52 +0000

End at: Tue, 25 Jul 2017 01:32:22 +0000

Local clock offset: 0.472 ms

Remote clock offset: -8.654 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.25 Mbit/s

95th percentile per-packet one-way delay: 205.908 ms

Loss rate: 15.47%

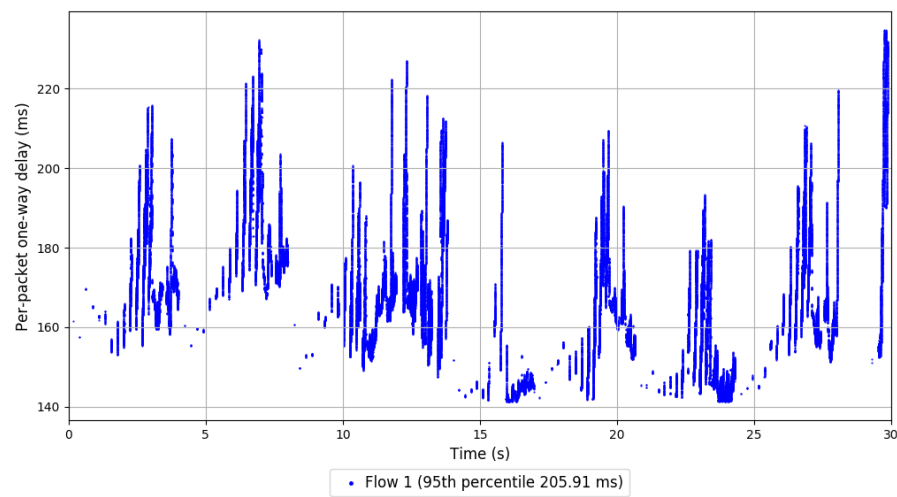
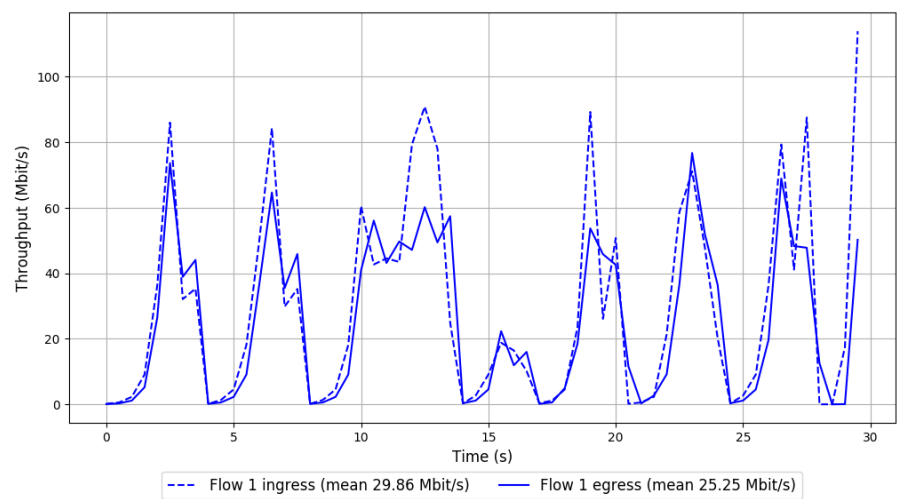
-- Flow 1:

Average throughput: 25.25 Mbit/s

95th percentile per-packet one-way delay: 205.908 ms

Loss rate: 15.47%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:50:57 +0000

End at: Tue, 25 Jul 2017 01:51:27 +0000

Local clock offset: 0.568 ms

Remote clock offset: -1.764 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.80 Mbit/s

95th percentile per-packet one-way delay: 214.454 ms

Loss rate: 31.53%

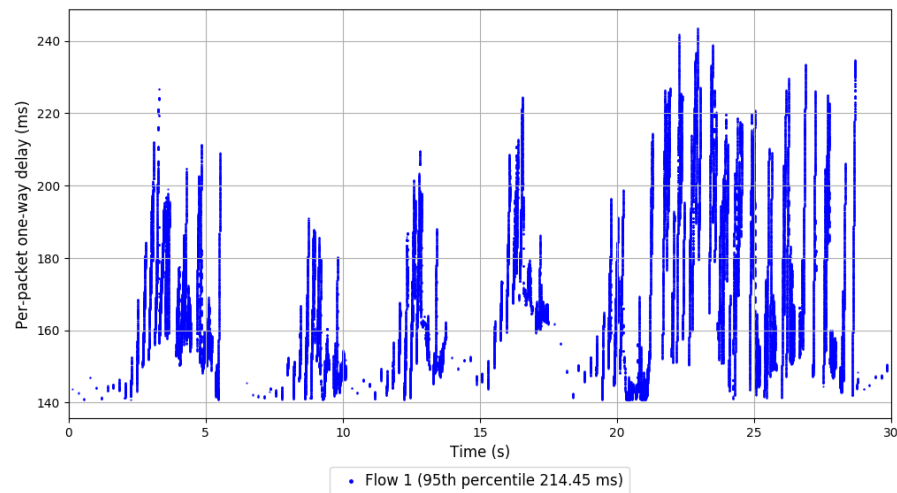
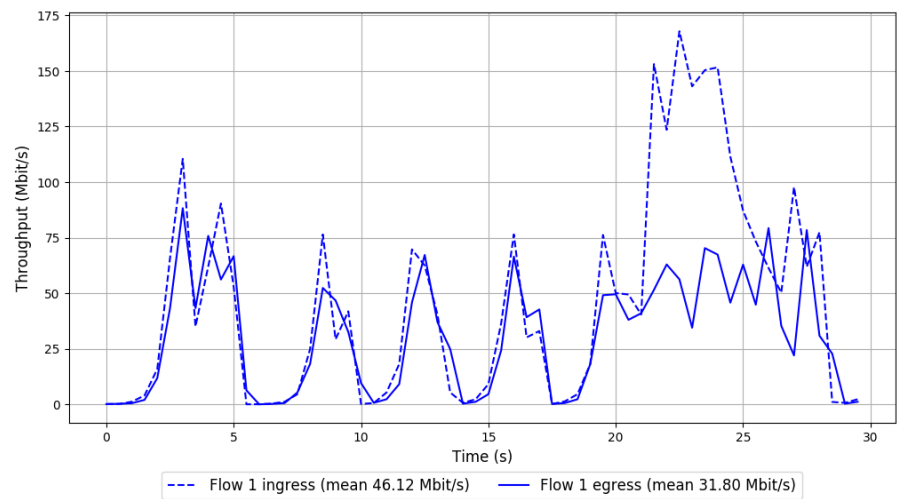
-- Flow 1:

Average throughput: 31.80 Mbit/s

95th percentile per-packet one-way delay: 214.454 ms

Loss rate: 31.53%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 25 Jul 2017 02:10:01 +0000

End at: Tue, 25 Jul 2017 02:10:31 +0000

Local clock offset: 1.786 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.18 Mbit/s

95th percentile per-packet one-way delay: 229.998 ms

Loss rate: 35.15%

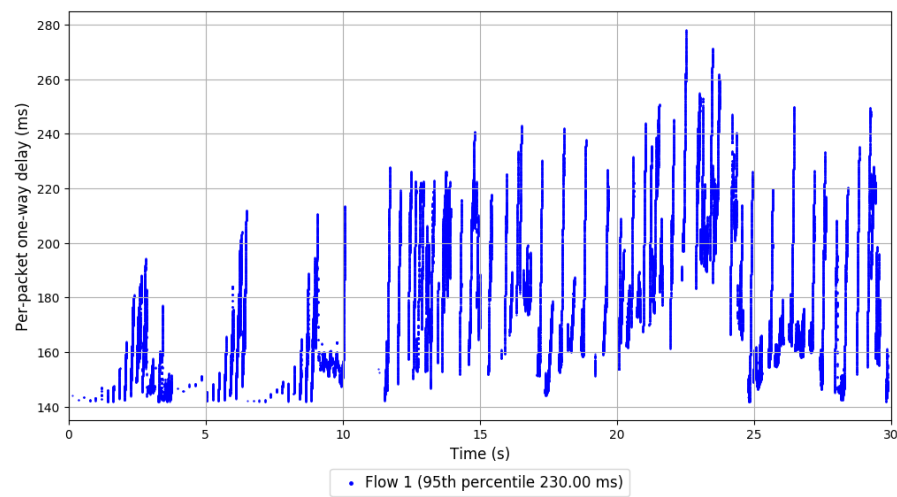
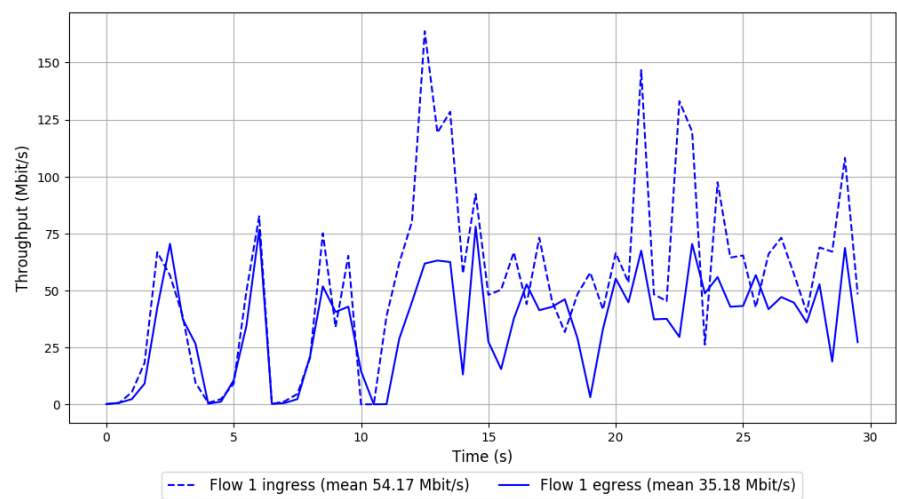
-- Flow 1:

Average throughput: 35.18 Mbit/s

95th percentile per-packet one-way delay: 229.998 ms

Loss rate: 35.15%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:15:19 +0000

End at: Mon, 24 Jul 2017 23:15:49 +0000

Local clock offset: -0.033 ms

Remote clock offset: 7.767 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 141.208 ms

Loss rate: 0.66%

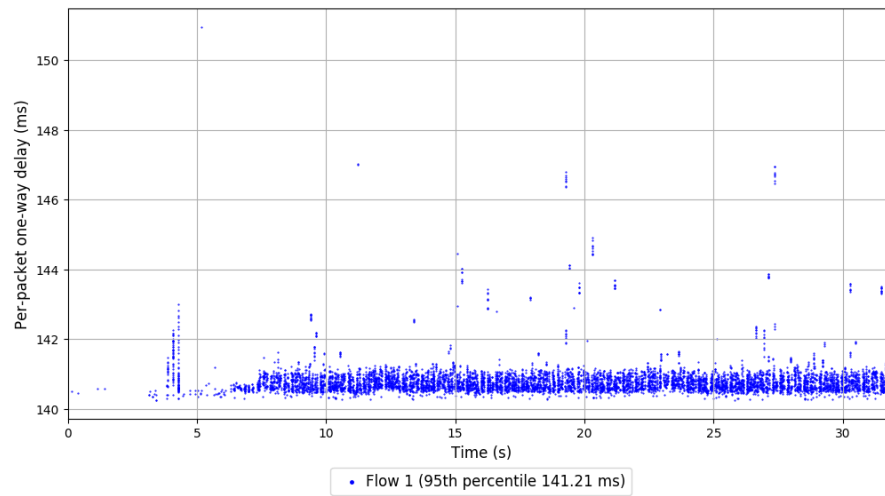
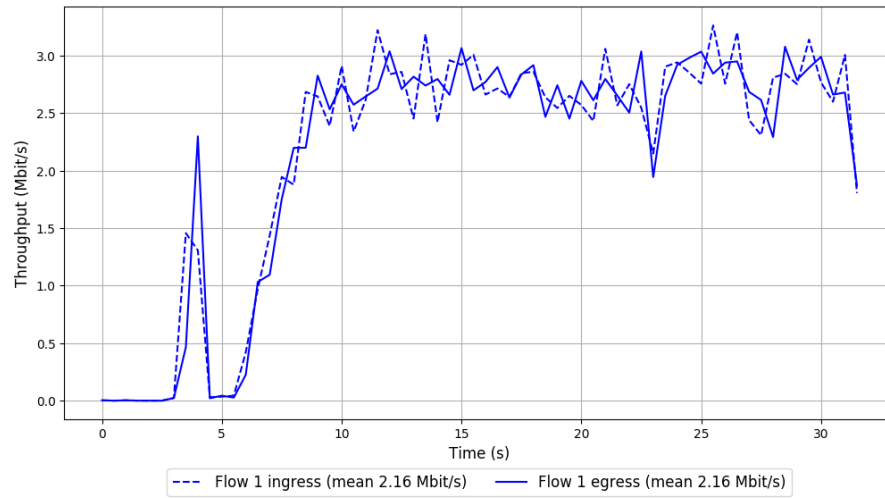
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 141.208 ms

Loss rate: 0.66%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:34:37 +0000

End at: Mon, 24 Jul 2017 23:35:07 +0000

Local clock offset: 1.323 ms

Remote clock offset: 6.741 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 142.672 ms

Loss rate: 0.43%

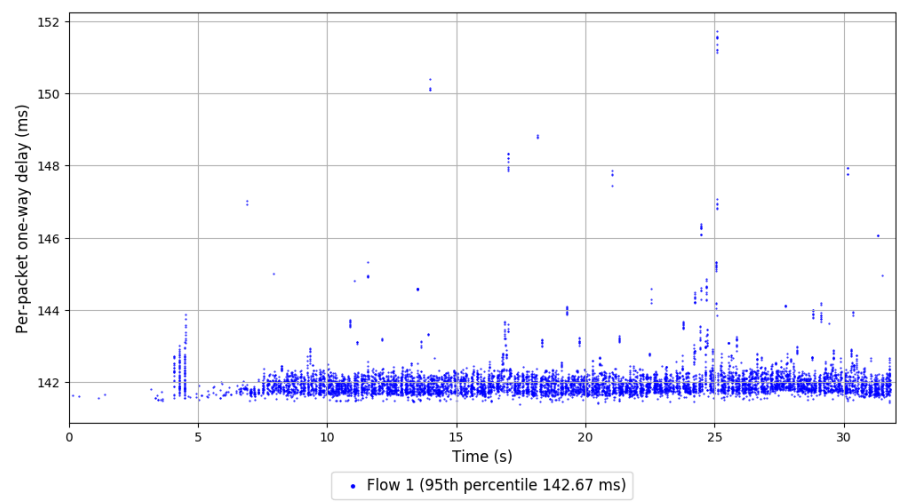
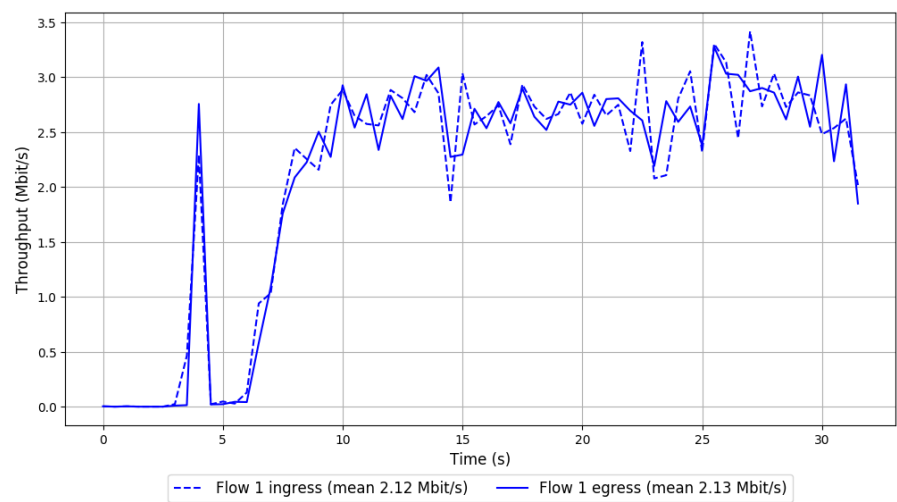
-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 142.672 ms

Loss rate: 0.43%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:53:59 +0000

End at: Mon, 24 Jul 2017 23:54:29 +0000

Local clock offset: 0.086 ms

Remote clock offset: 5.273 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 141.225 ms

Loss rate: 0.54%

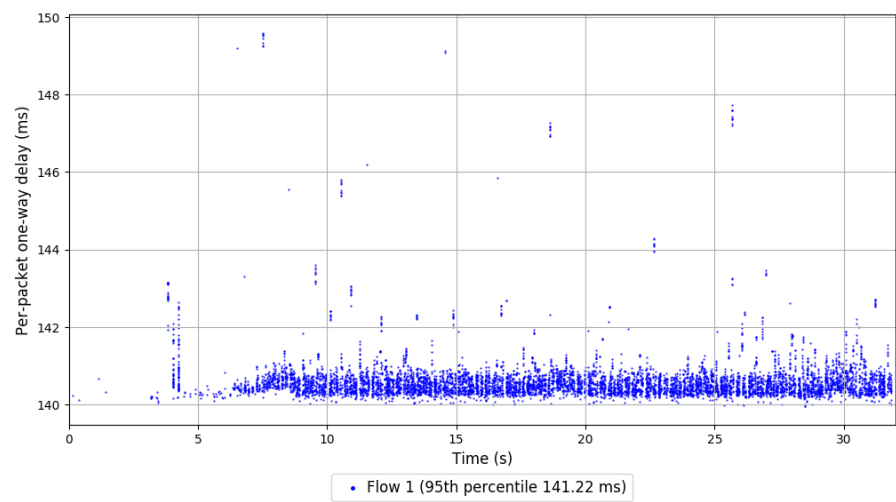
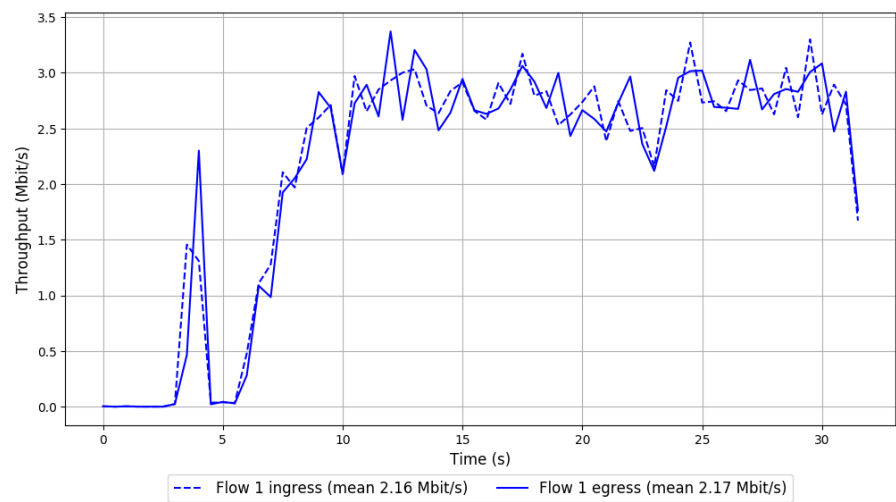
-- Flow 1:

Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 141.225 ms

Loss rate: 0.54%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:13:07 +0000

End at: Tue, 25 Jul 2017 00:13:37 +0000

Local clock offset: 0.108 ms

Remote clock offset: 0.731 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 141.167 ms

Loss rate: 0.57%

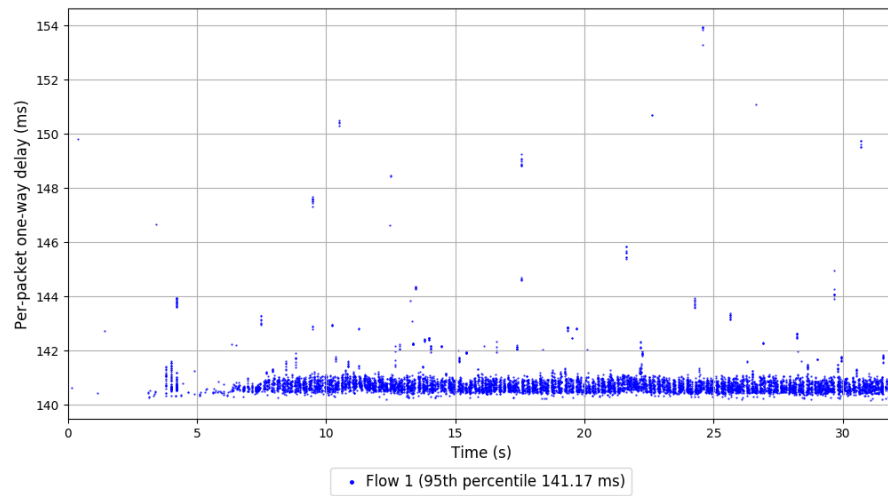
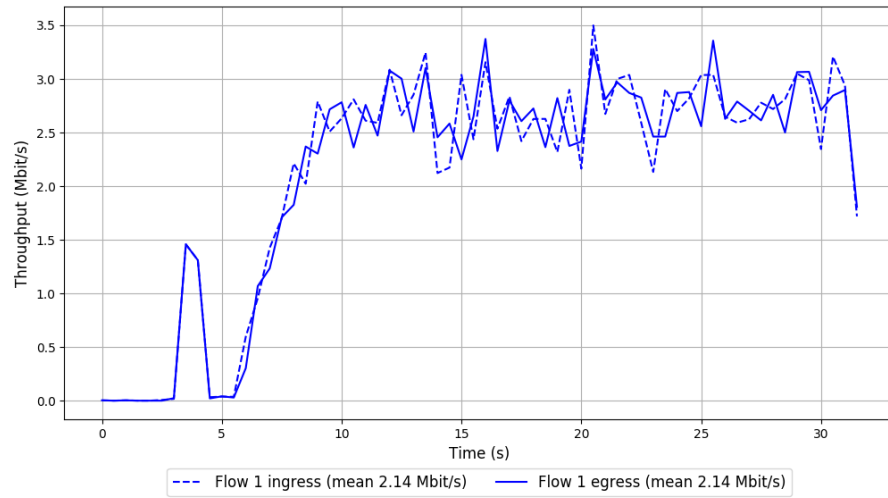
-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 141.167 ms

Loss rate: 0.57%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:32:19 +0000

End at: Tue, 25 Jul 2017 00:32:49 +0000

Local clock offset: 0.275 ms

Remote clock offset: 0.743 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 141.854 ms

Loss rate: 0.73%

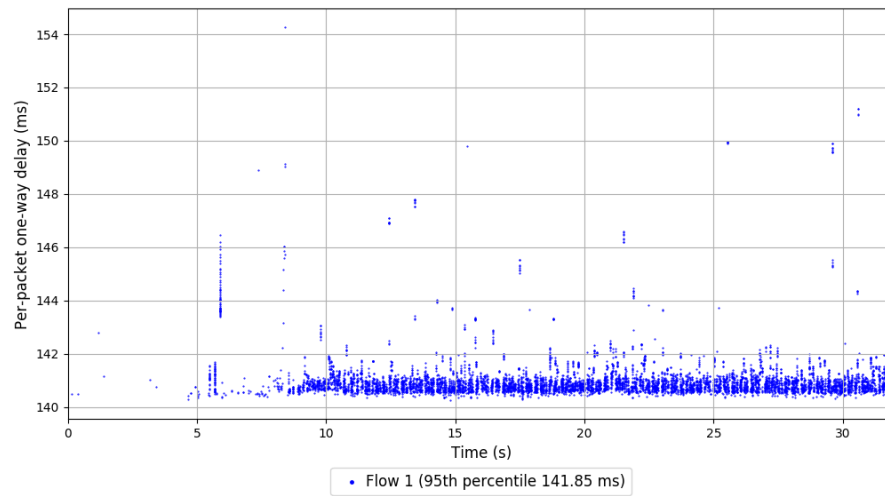
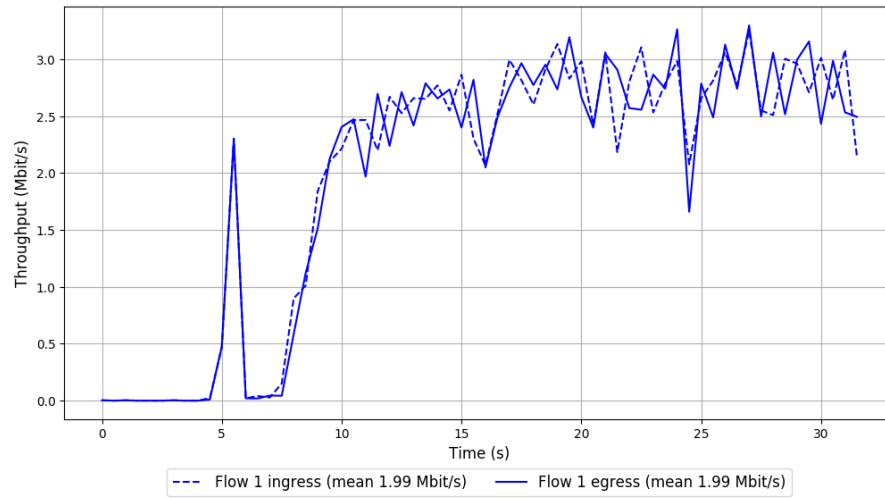
-- Flow 1:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 141.854 ms

Loss rate: 0.73%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:51:20 +0000

End at: Tue, 25 Jul 2017 00:51:50 +0000

Local clock offset: 0.364 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 144.569 ms

Loss rate: 0.89%

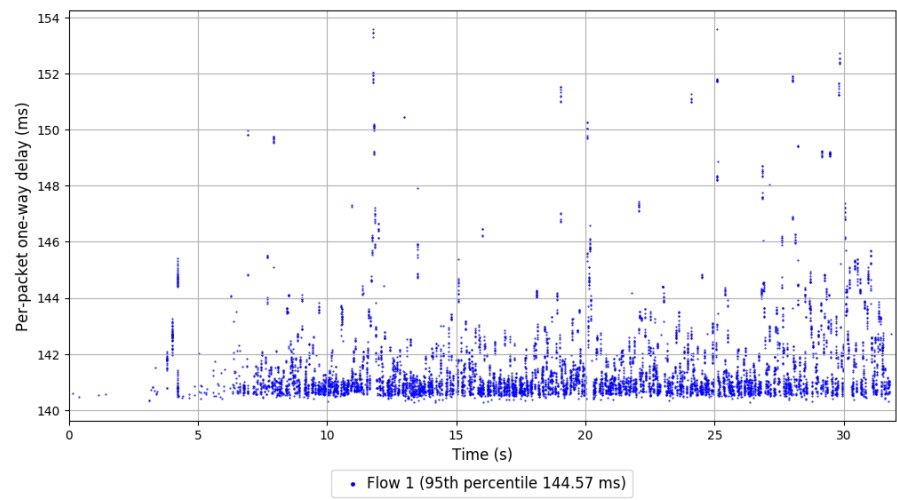
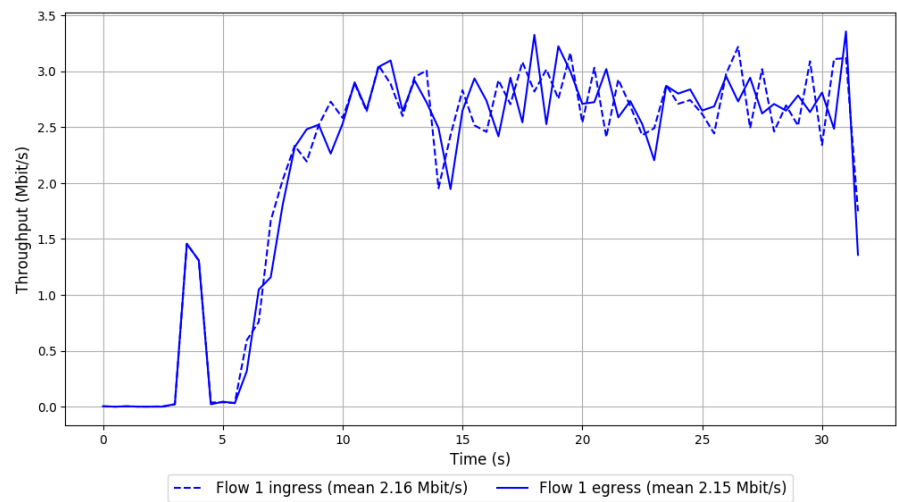
-- Flow 1:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 144.569 ms

Loss rate: 0.89%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:10:24 +0000

End at: Tue, 25 Jul 2017 01:10:54 +0000

Local clock offset: 1.749 ms

Remote clock offset: -0.166 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 162.948 ms

Loss rate: 0.69%

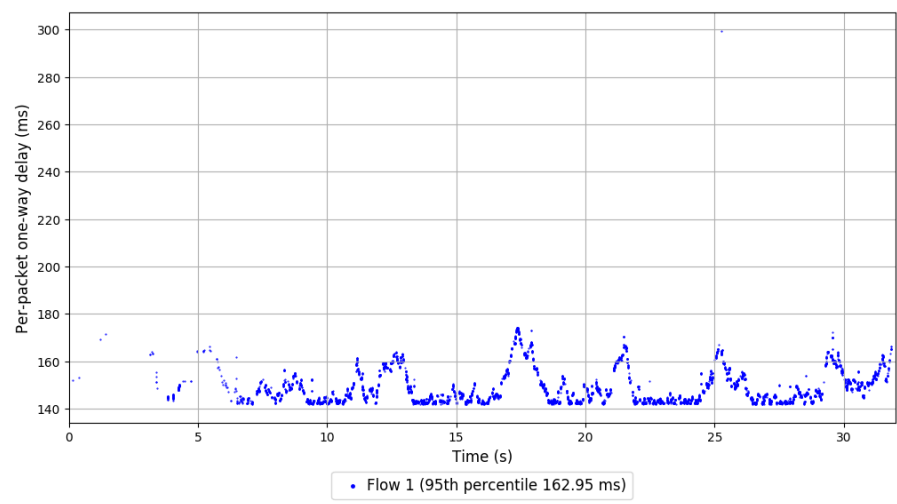
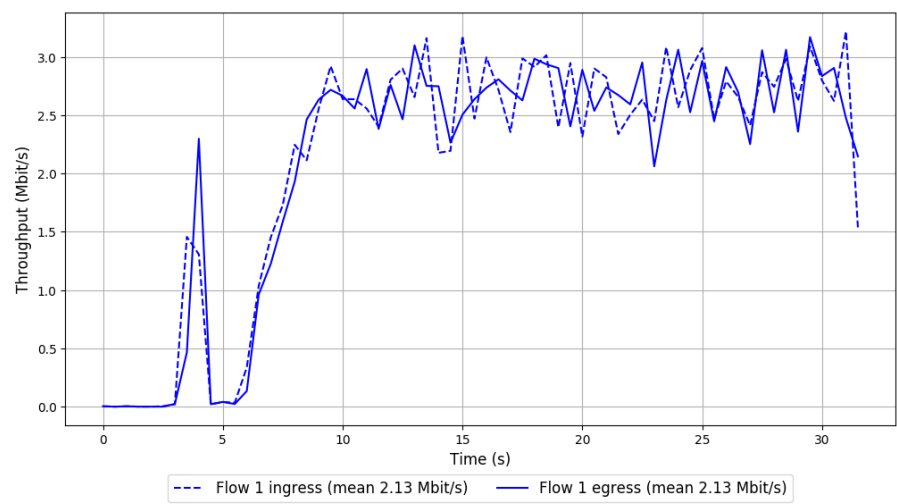
-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 162.948 ms

Loss rate: 0.69%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:29:25 +0000

End at: Tue, 25 Jul 2017 01:29:55 +0000

Local clock offset: 1.804 ms

Remote clock offset: -12.722 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 164.500 ms

Loss rate: 0.64%

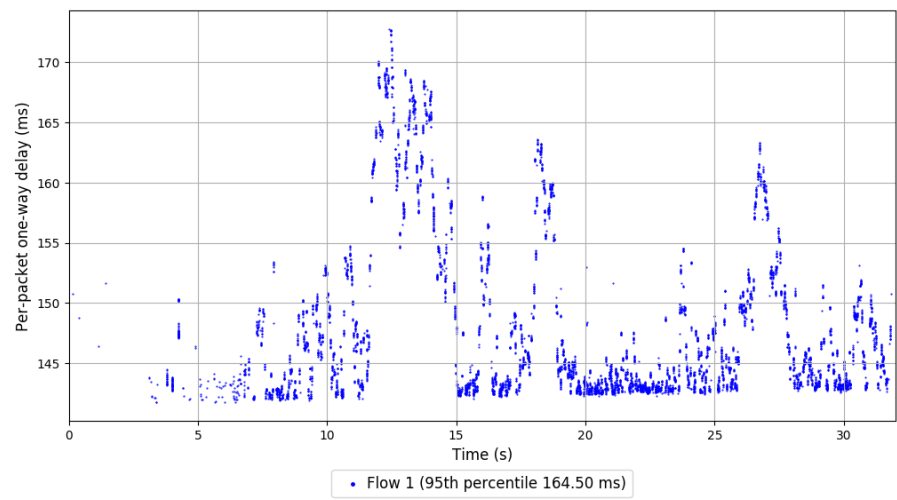
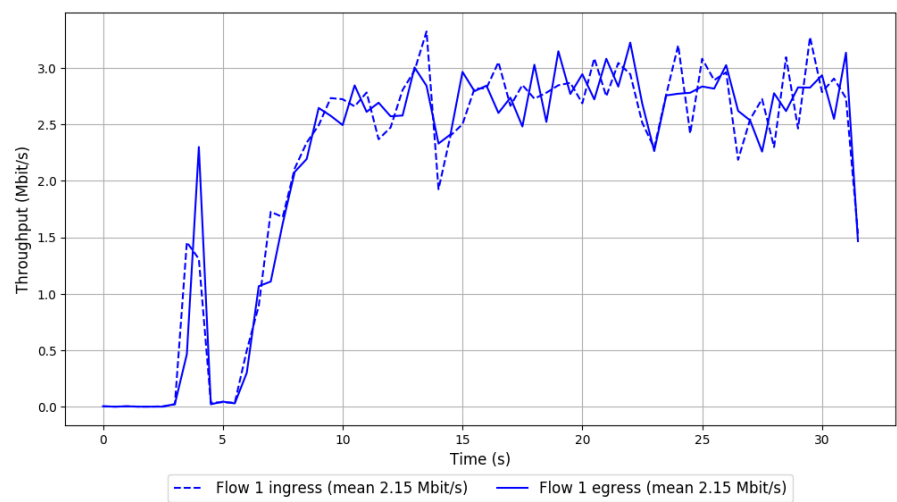
-- Flow 1:

Average throughput: 2.15 Mbit/s

95th percentile per-packet one-way delay: 164.500 ms

Loss rate: 0.64%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:48:29 +0000

End at: Tue, 25 Jul 2017 01:48:59 +0000

Local clock offset: 1.792 ms

Remote clock offset: 0.902 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 186.819 ms

Loss rate: 0.87%

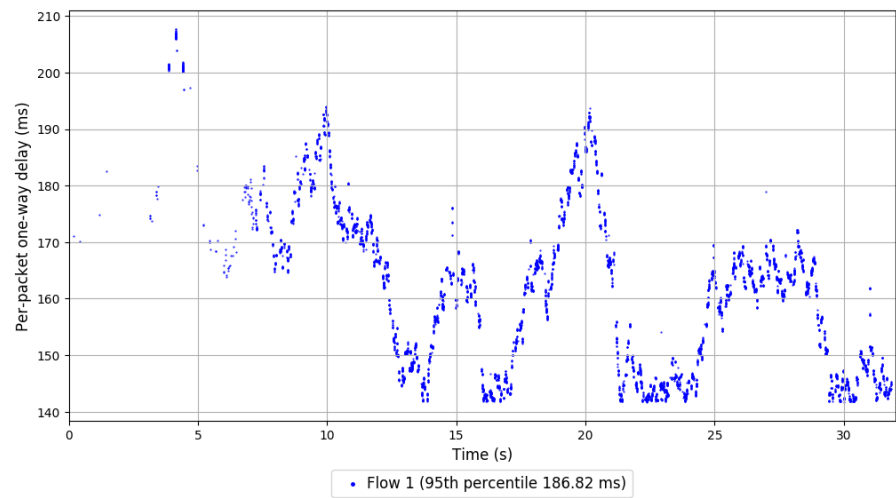
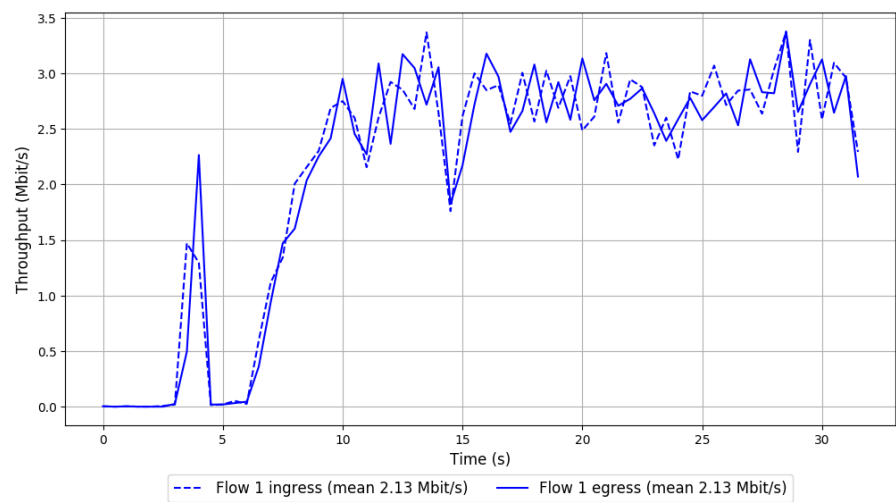
-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 186.819 ms

Loss rate: 0.87%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 02:07:34 +0000

End at: Tue, 25 Jul 2017 02:08:04 +0000

Local clock offset: 0.442 ms

Remote clock offset: -0.074 ms

Below is generated by plot.py at Tue, 25 Jul 2017 02:48:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 146.128 ms

Loss rate: 0.54%

-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 146.128 ms

Loss rate: 0.54%

Run 10: Report of WebRTC media — Data Link

