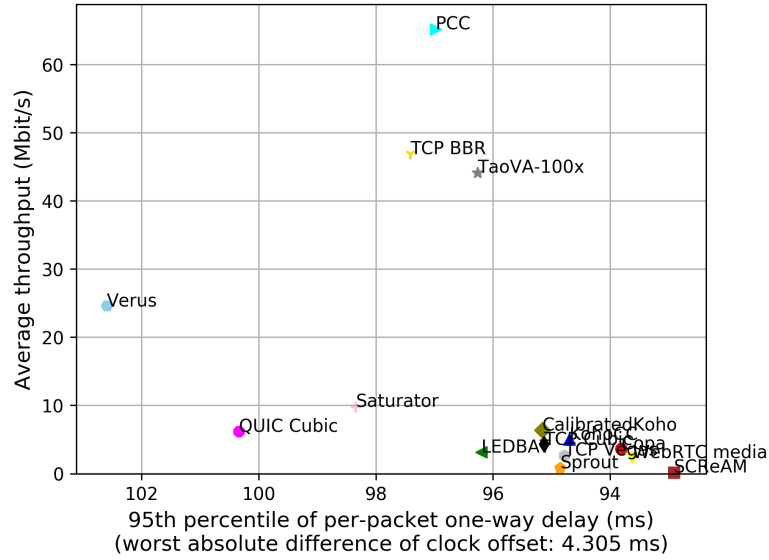


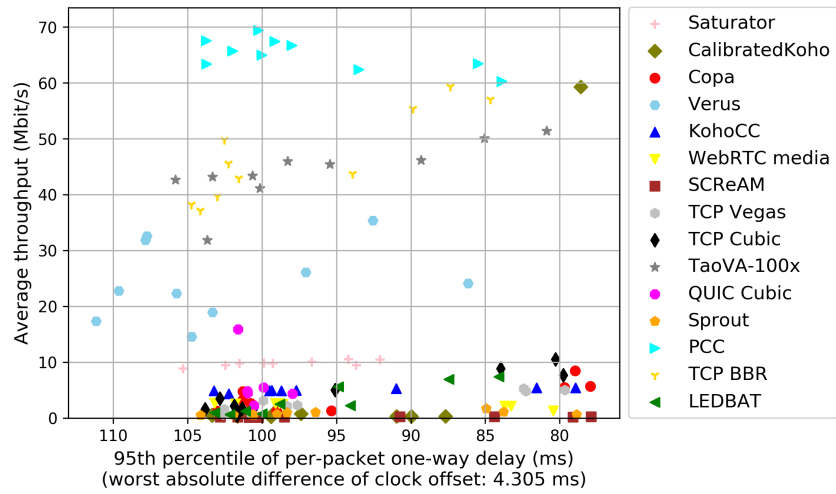
Pantheon Summary (Generated at Sun, 09 Jul 2017 09:18:37 +0000 with
pantheon version c3610718e2bbac84102e8ac47b889a75d4392d79)
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path **from** AWS Korea Ethernet **to** China Ethernet.
NTP offset measured against ntp.nict.jp.

```
git branch: master @ c3610718e2bbac84102e8ac47b889a75d4392d79
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ c792f8e8e0704b1646a0e024766675d8e9a835f1
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS Korea Ethernet to China 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	46.88	97.41	3.48
CalibratedKoho	10	6.35	95.16	0.51
Copa	10	3.62	93.81	0.37
TCP Cubic	10	4.30	95.13	1.74
KohoCC	10	4.99	94.69	0.34
LEDBAT	10	3.14	96.20	0.64
PCC	10	65.14	96.98	2.89
QUIC Cubic	10	6.19	100.34	0.60
Saturator	10	9.78	98.34	0.94
SCReAM	10	0.17	92.91	0.64
Sprout	10	0.83	94.85	0.43
TaoVA-100x	10	44.13	96.26	2.31
TCP Vegas	10	2.67	94.78	1.25
Verus	10	24.59	102.60	68.69
WebRTC media	10	2.32	93.61	0.40

Run 1: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 03:04:36 +0000

End at: Sun, 09 Jul 2017 03:05:06 +0000

Local clock offset: 1.369 ms

Remote clock offset: 0.69 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.03 Mbit/s

95th percentile per-packet one-way delay: 84.666 ms

Loss rate: 5.55%

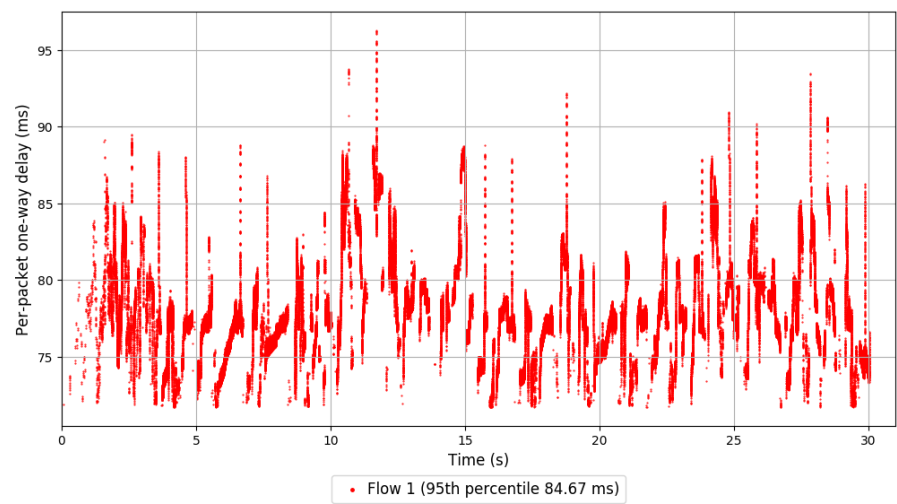
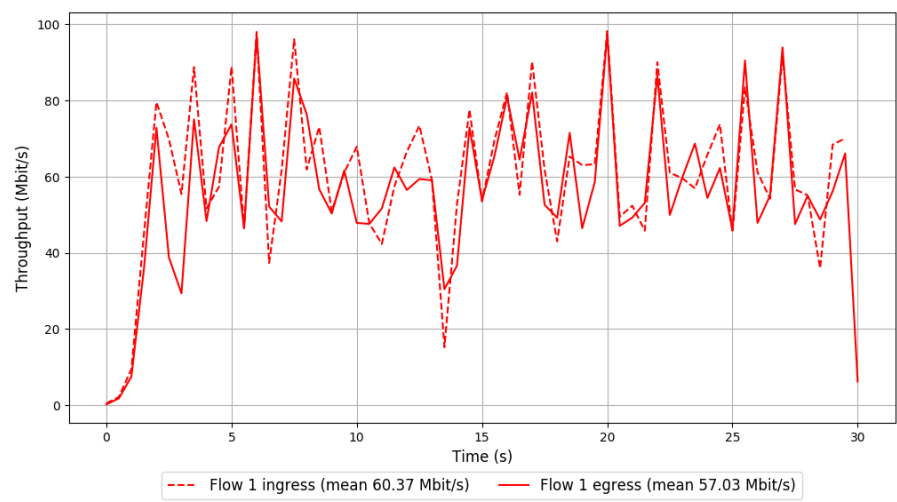
-- Flow 1:

Average throughput: 57.03 Mbit/s

95th percentile per-packet one-way delay: 84.666 ms

Loss rate: 5.55%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 03:22:32 +0000

End at: Sun, 09 Jul 2017 03:23:02 +0000

Local clock offset: 1.557 ms

Remote clock offset: 1.23 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.35 Mbit/s

95th percentile per-packet one-way delay: 87.343 ms

Loss rate: 4.23%

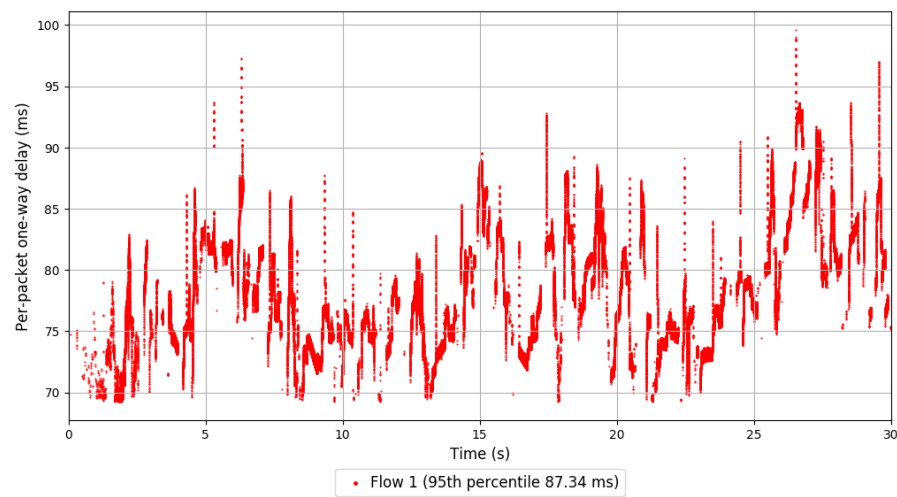
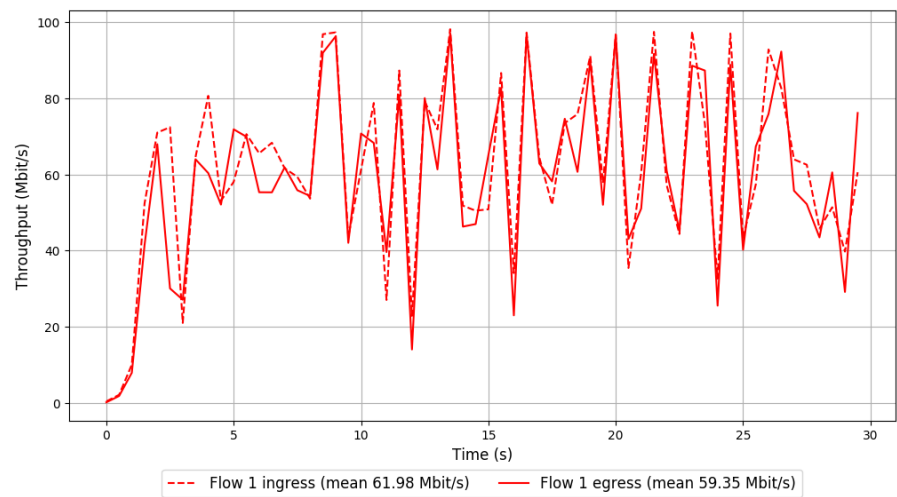
-- Flow 1:

Average throughput: 59.35 Mbit/s

95th percentile per-packet one-way delay: 87.343 ms

Loss rate: 4.23%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 03:41:14 +0000

End at: Sun, 09 Jul 2017 03:41:44 +0000

Local clock offset: 1.568 ms

Remote clock offset: 1.685 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.41 Mbit/s

95th percentile per-packet one-way delay: 89.860 ms

Loss rate: 1.86%

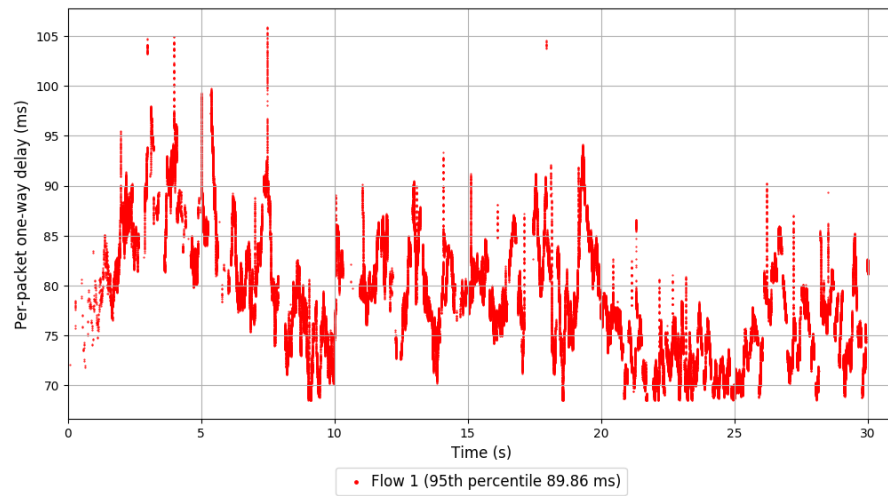
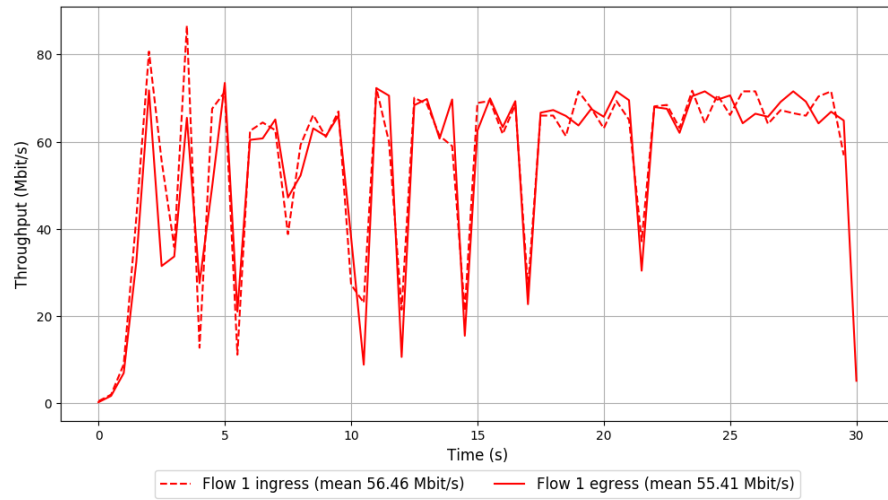
-- Flow 1:

Average throughput: 55.41 Mbit/s

95th percentile per-packet one-way delay: 89.860 ms

Loss rate: 1.86%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 04:00:57 +0000

End at: Sun, 09 Jul 2017 04:01:27 +0000

Local clock offset: 3.08 ms

Remote clock offset: 1.801 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.70 Mbit/s

95th percentile per-packet one-way delay: 93.923 ms

Loss rate: 2.74%

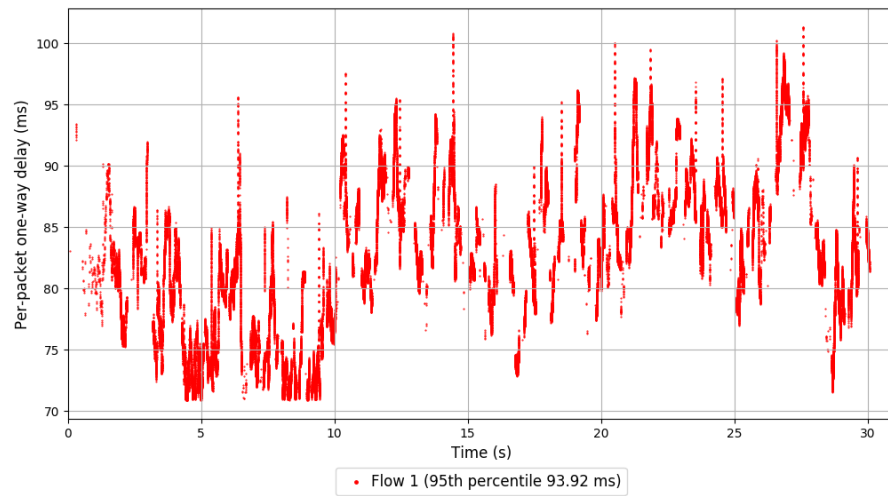
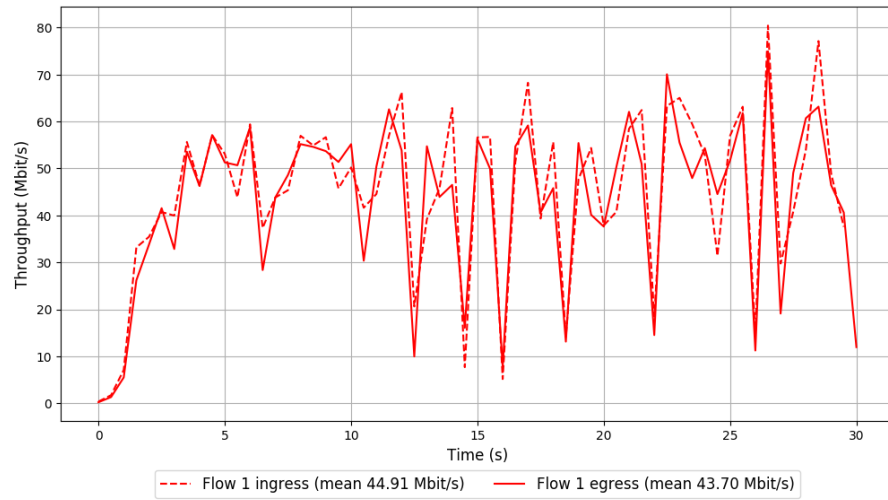
-- Flow 1:

Average throughput: 43.70 Mbit/s

95th percentile per-packet one-way delay: 93.923 ms

Loss rate: 2.74%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 04:19:08 +0000

End at: Sun, 09 Jul 2017 04:19:38 +0000

Local clock offset: 1.912 ms

Remote clock offset: 1.707 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.22 Mbit/s

95th percentile per-packet one-way delay: 104.765 ms

Loss rate: 3.11%

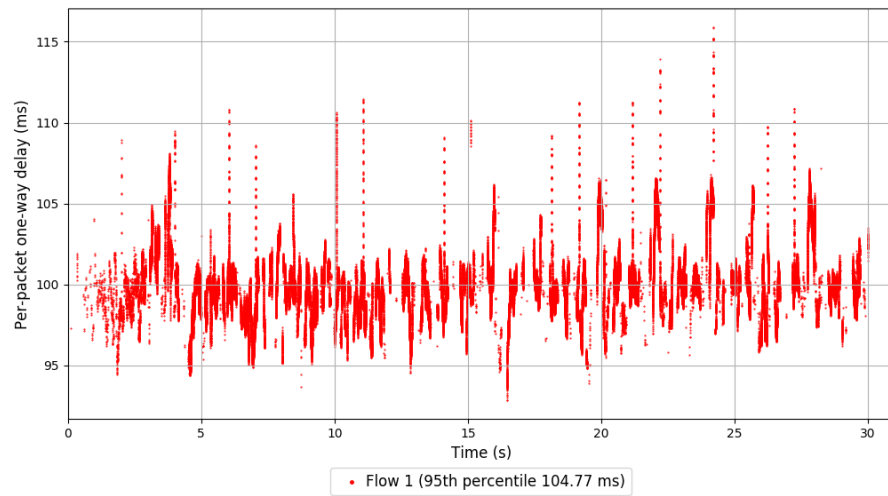
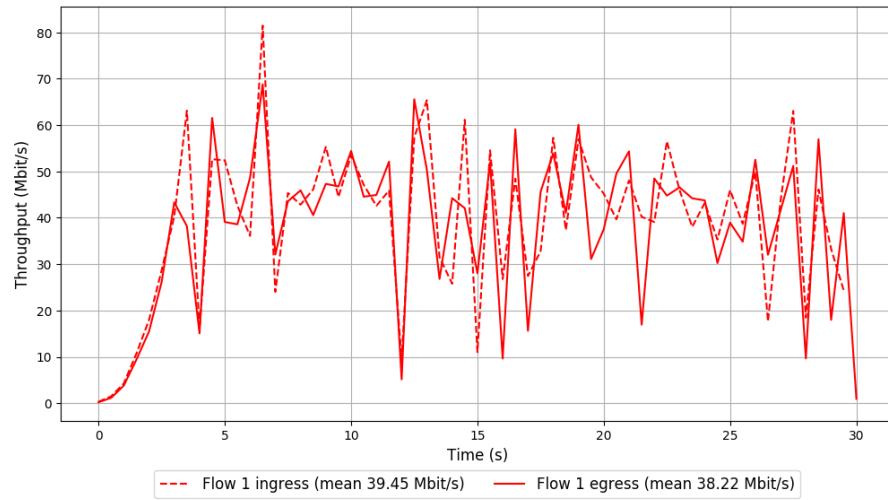
-- Flow 1:

Average throughput: 38.22 Mbit/s

95th percentile per-packet one-way delay: 104.765 ms

Loss rate: 3.11%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 04:37:05 +0000

End at: Sun, 09 Jul 2017 04:37:35 +0000

Local clock offset: 3.692 ms

Remote clock offset: 1.326 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.57 Mbit/s

95th percentile per-packet one-way delay: 102.276 ms

Loss rate: 3.89%

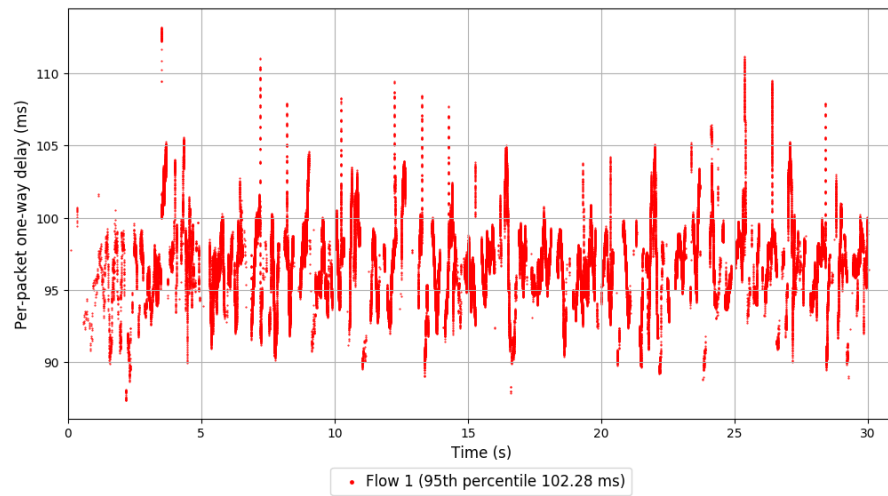
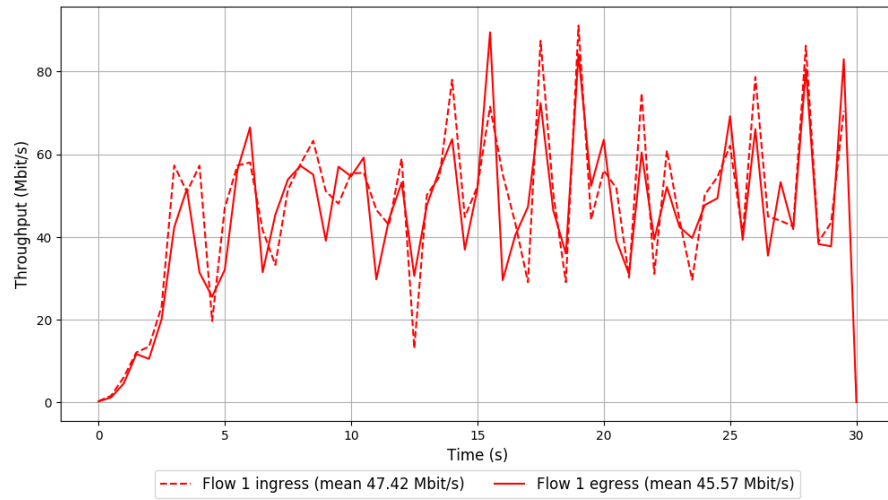
-- Flow 1:

Average throughput: 45.57 Mbit/s

95th percentile per-packet one-way delay: 102.276 ms

Loss rate: 3.89%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 04:55:14 +0000

End at: Sun, 09 Jul 2017 04:55:44 +0000

Local clock offset: 3.873 ms

Remote clock offset: 0.953 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.66 Mbit/s

95th percentile per-packet one-way delay: 103.009 ms

Loss rate: 3.51%

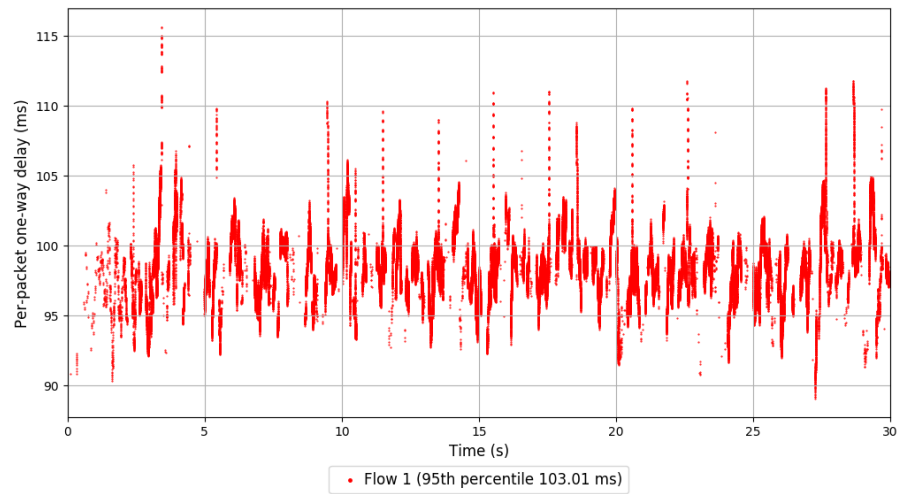
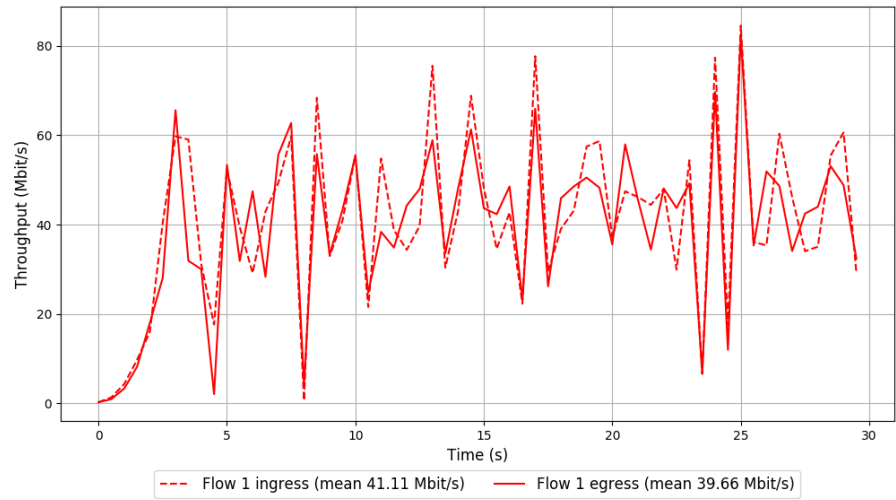
-- Flow 1:

Average throughput: 39.66 Mbit/s

95th percentile per-packet one-way delay: 103.009 ms

Loss rate: 3.51%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 05:13:18 +0000

End at: Sun, 09 Jul 2017 05:13:48 +0000

Local clock offset: 3.668 ms

Remote clock offset: 0.636 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.94 Mbit/s

95th percentile per-packet one-way delay: 101.576 ms

Loss rate: 2.43%

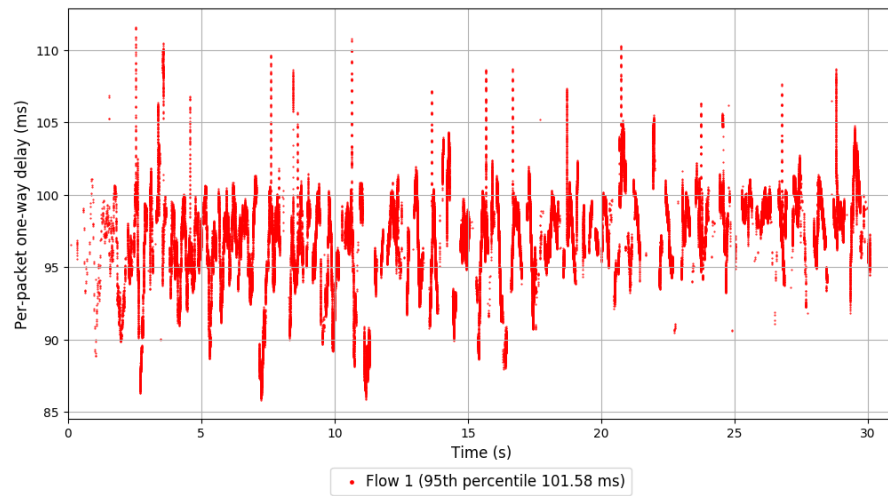
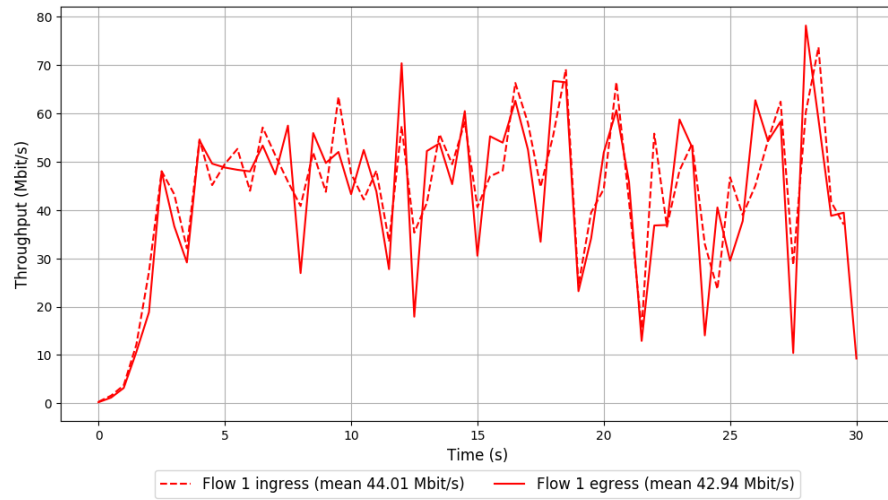
-- Flow 1:

Average throughput: 42.94 Mbit/s

95th percentile per-packet one-way delay: 101.576 ms

Loss rate: 2.43%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 05:31:34 +0000

End at: Sun, 09 Jul 2017 05:32:04 +0000

Local clock offset: 3.937 ms

Remote clock offset: 0.448 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.80 Mbit/s

95th percentile per-packet one-way delay: 102.553 ms

Loss rate: 4.75%

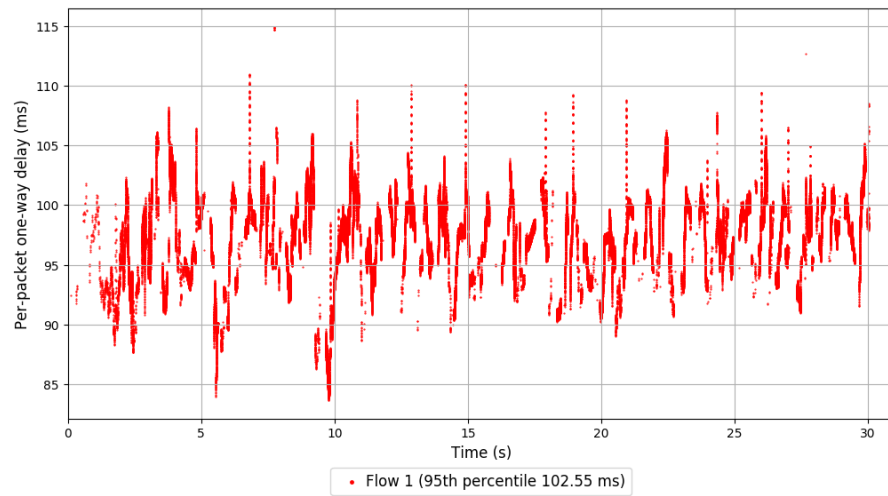
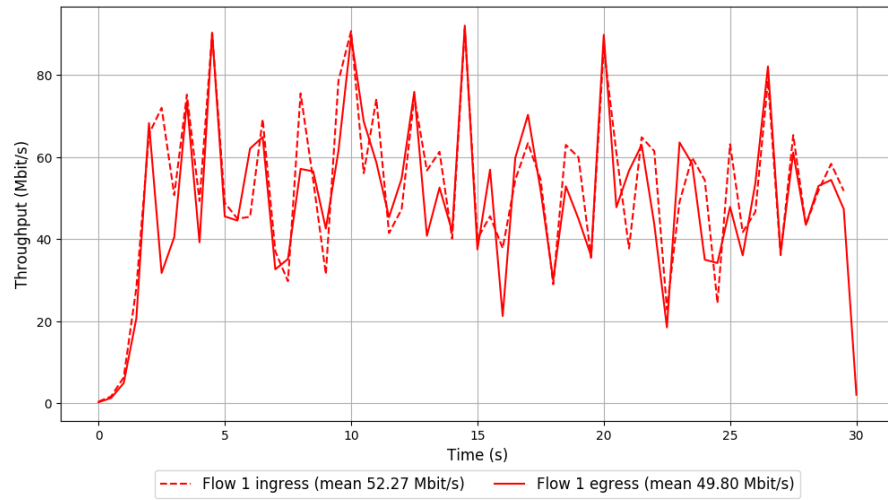
-- Flow 1:

Average throughput: 49.80 Mbit/s

95th percentile per-packet one-way delay: 102.553 ms

Loss rate: 4.75%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Sun, 09 Jul 2017 05:49:41 +0000

End at: Sun, 09 Jul 2017 05:50:11 +0000

Local clock offset: 3.141 ms

Remote clock offset: 0.177 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:14:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.12 Mbit/s

95th percentile per-packet one-way delay: 104.164 ms

Loss rate: 2.74%

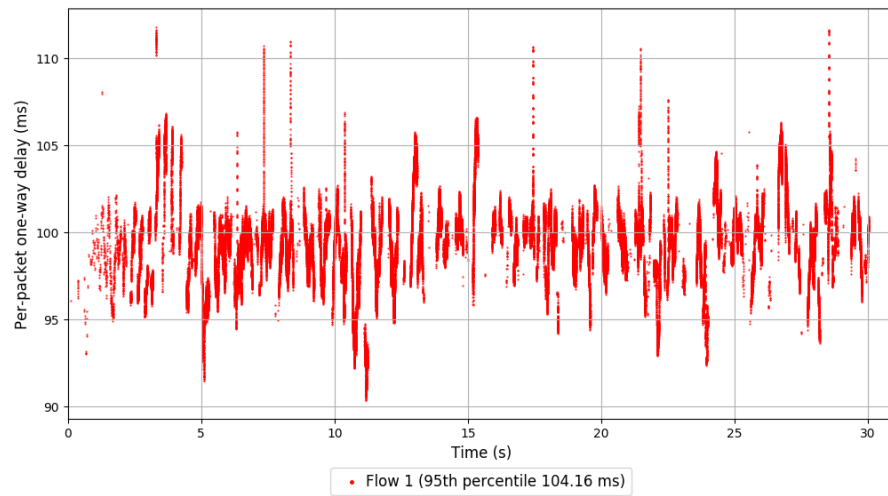
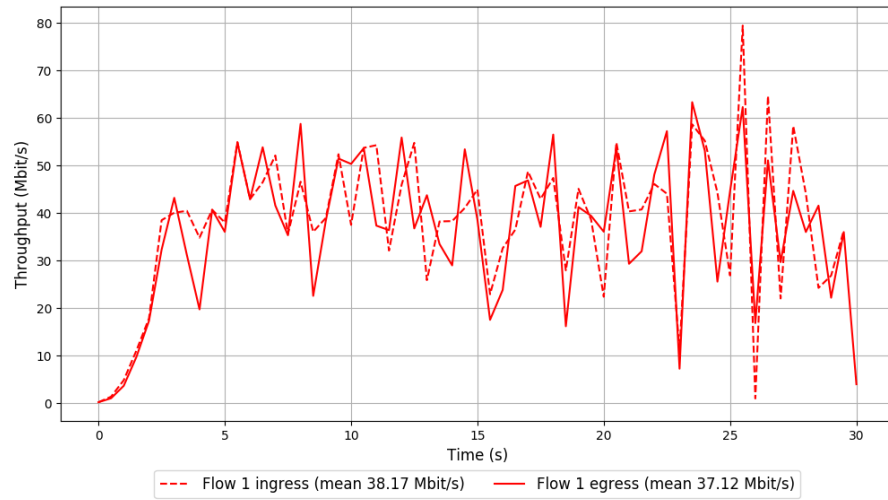
-- Flow 1:

Average throughput: 37.12 Mbit/s

95th percentile per-packet one-way delay: 104.164 ms

Loss rate: 2.74%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 03:02:10 +0000

End at: Sun, 09 Jul 2017 03:02:40 +0000

Local clock offset: 1.298 ms

Remote clock offset: 0.687 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 78.587 ms

Loss rate: 2.53%

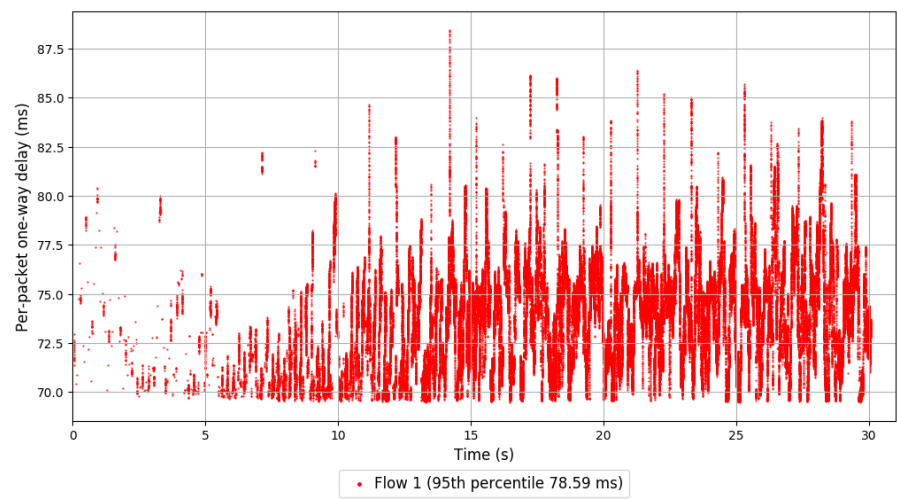
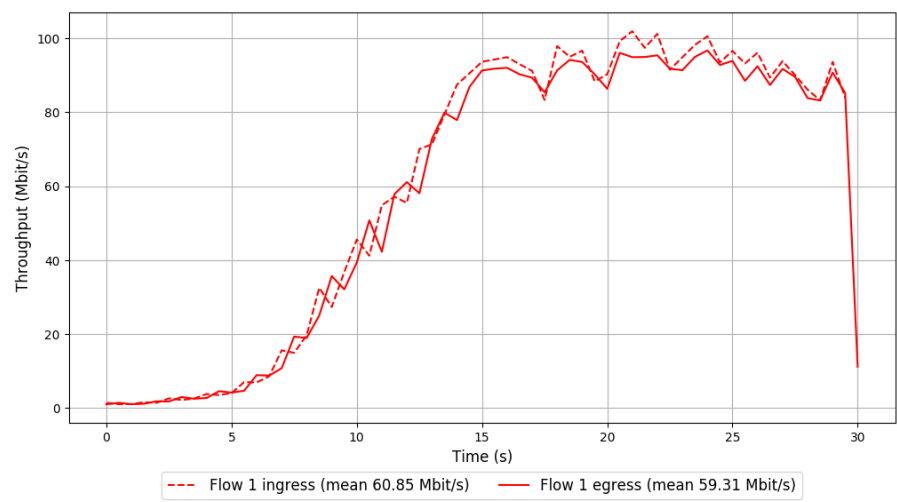
-- Flow 1:

Average throughput: 59.31 Mbit/s

95th percentile per-packet one-way delay: 78.587 ms

Loss rate: 2.53%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 03:20:12 +0000

End at: Sun, 09 Jul 2017 03:20:42 +0000

Local clock offset: 2.581 ms

Remote clock offset: 1.131 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.29 Mbit/s

95th percentile per-packet one-way delay: 87.674 ms

Loss rate: 0.00%

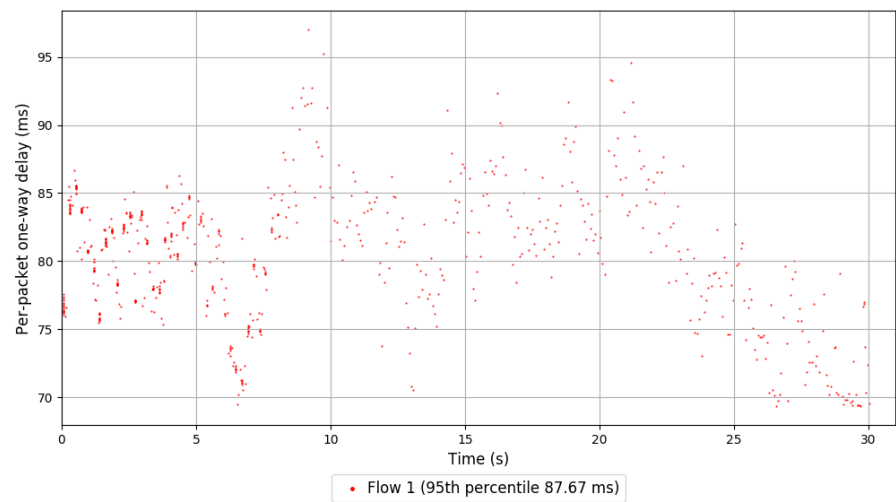
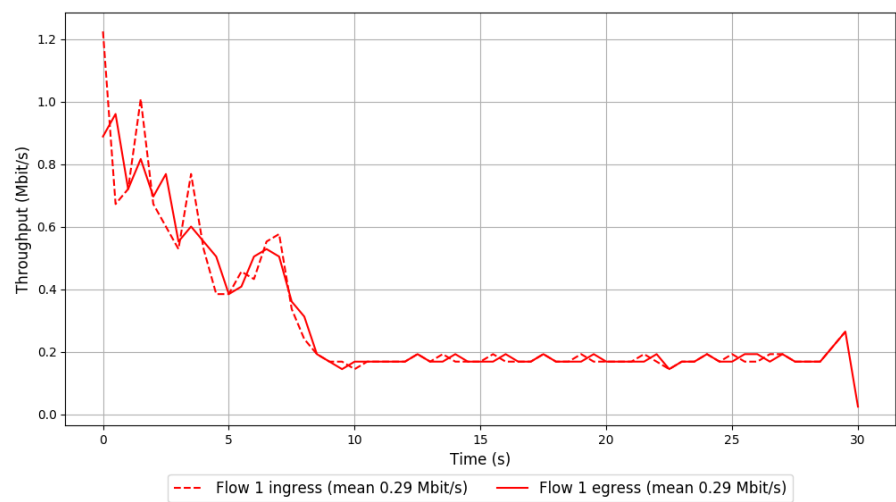
-- Flow 1:

Average throughput: 0.29 Mbit/s

95th percentile per-packet one-way delay: 87.674 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 03:38:25 +0000

End at: Sun, 09 Jul 2017 03:38:55 +0000

Local clock offset: 1.677 ms

Remote clock offset: 1.626 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.33 Mbit/s

95th percentile per-packet one-way delay: 89.977 ms

Loss rate: 0.00%

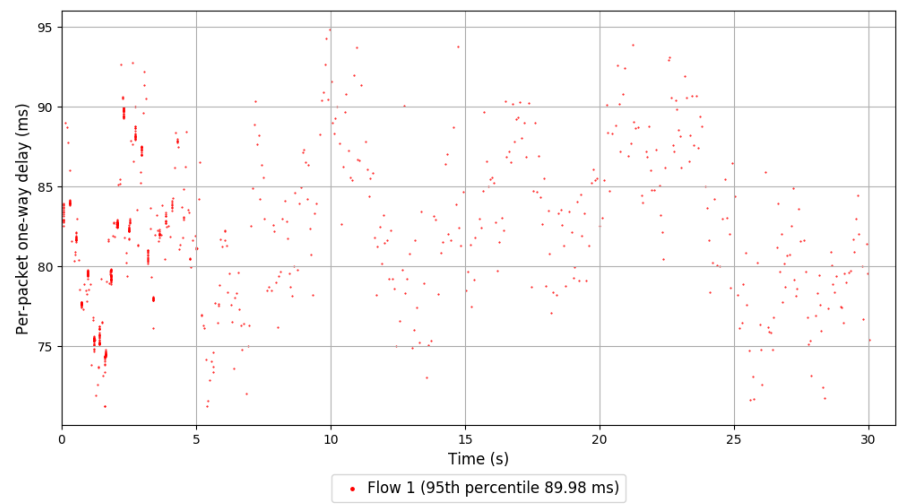
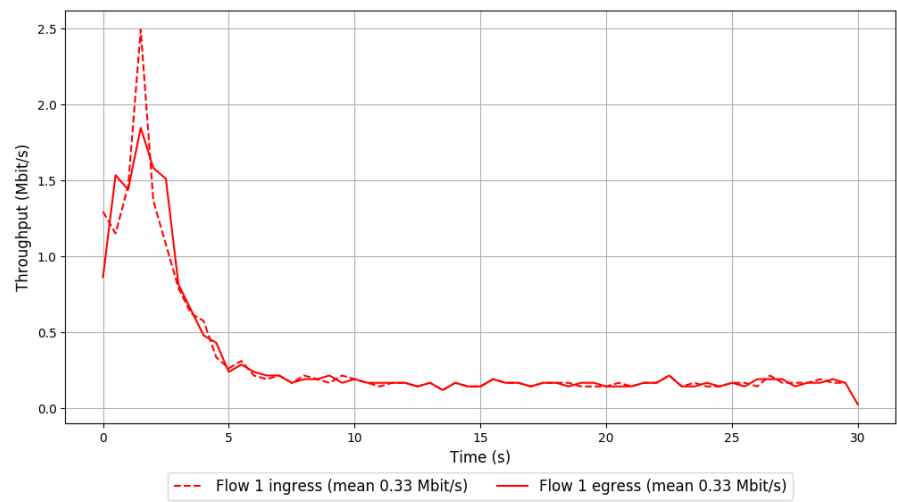
-- Flow 1:

Average throughput: 0.33 Mbit/s

95th percentile per-packet one-way delay: 89.977 ms

Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 03:58:37 +0000

End at: Sun, 09 Jul 2017 03:59:07 +0000

Local clock offset: 1.802 ms

Remote clock offset: 1.794 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 90.961 ms

Loss rate: 0.13%

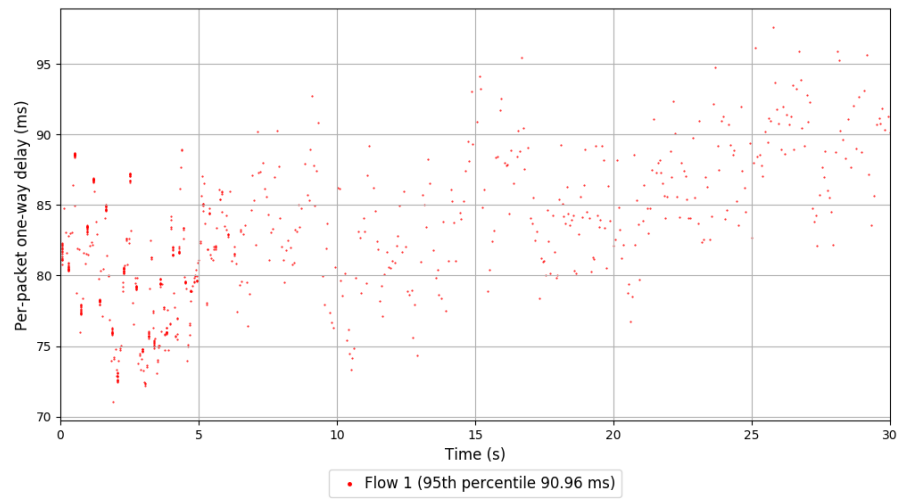
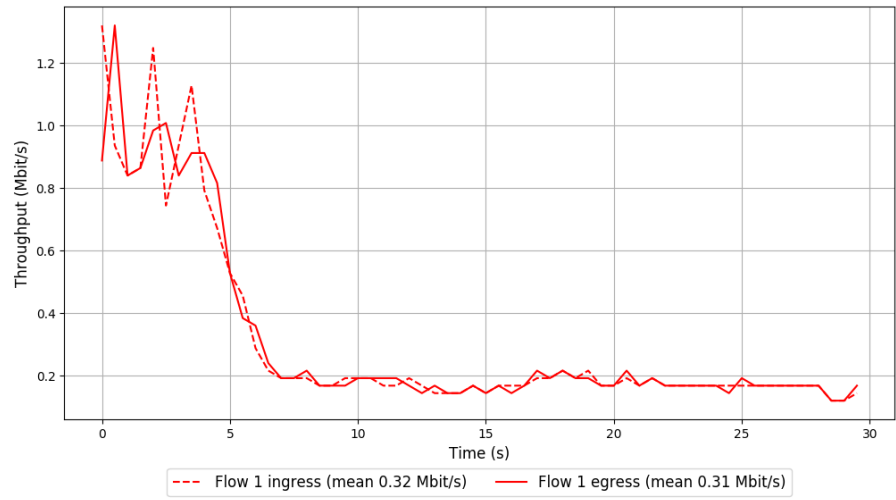
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 90.961 ms

Loss rate: 0.13%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 04:16:41 +0000

End at: Sun, 09 Jul 2017 04:17:11 +0000

Local clock offset: 3.095 ms

Remote clock offset: 1.705 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.96 Mbit/s

95th percentile per-packet one-way delay: 99.189 ms

Loss rate: 1.61%

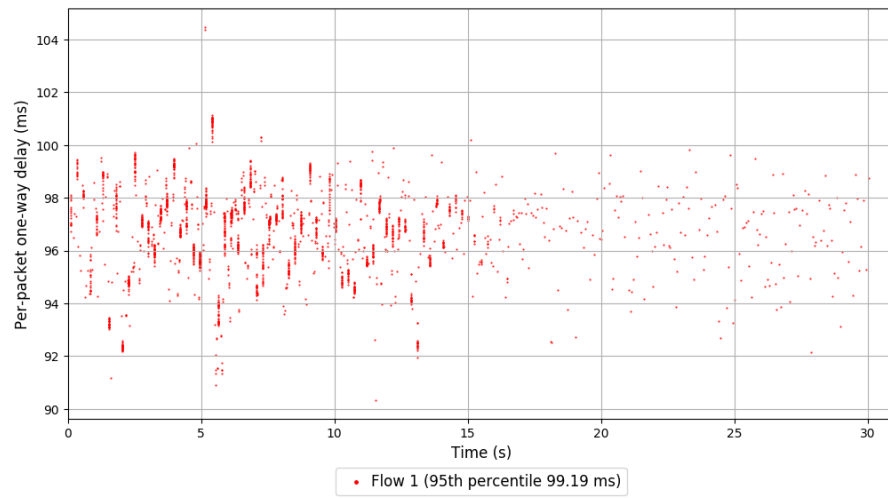
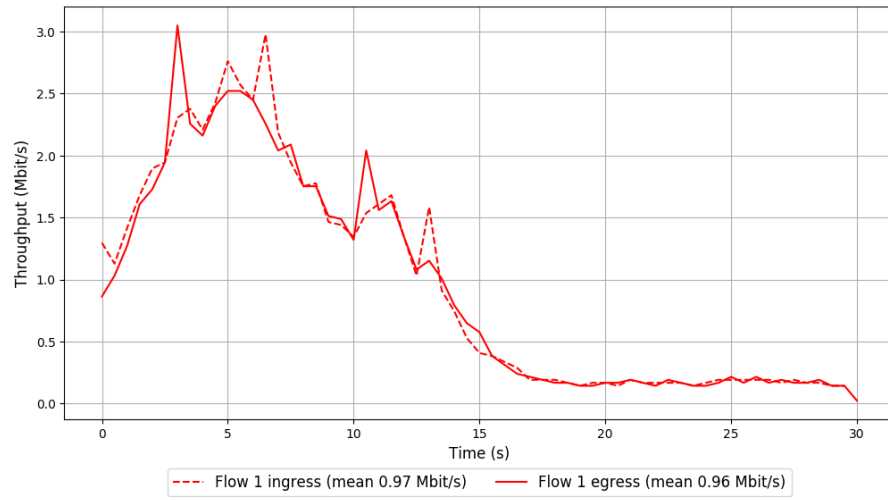
-- Flow 1:

Average throughput: 0.96 Mbit/s

95th percentile per-packet one-way delay: 99.189 ms

Loss rate: 1.61%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 04:34:45 +0000

End at: Sun, 09 Jul 2017 04:35:15 +0000

Local clock offset: 2.282 ms

Remote clock offset: 1.385 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 101.648 ms

Loss rate: 0.13%

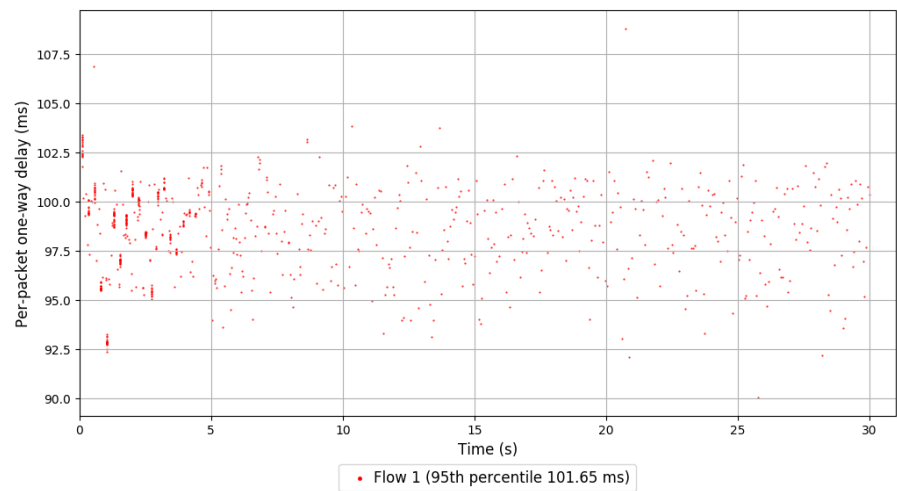
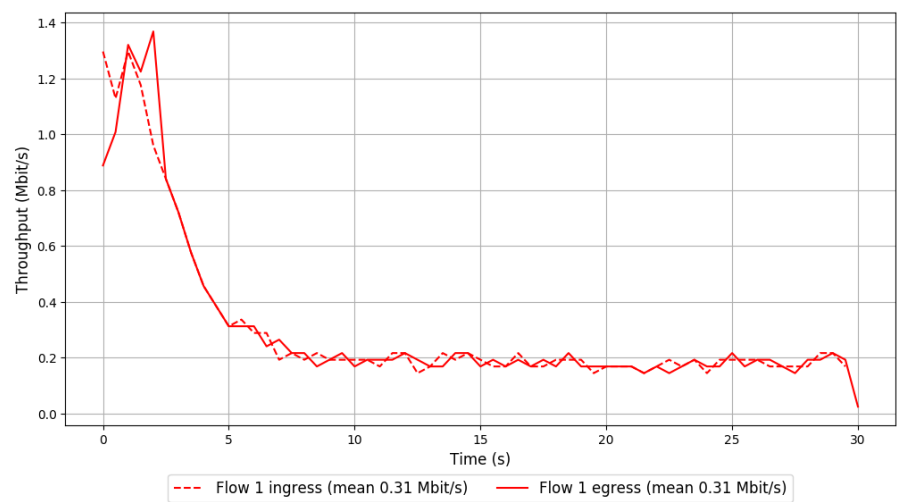
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 101.648 ms

Loss rate: 0.13%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 04:52:52 +0000

End at: Sun, 09 Jul 2017 04:53:22 +0000

Local clock offset: 2.419 ms

Remote clock offset: 1.039 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.76 Mbit/s

95th percentile per-packet one-way delay: 97.383 ms

Loss rate: 0.00%

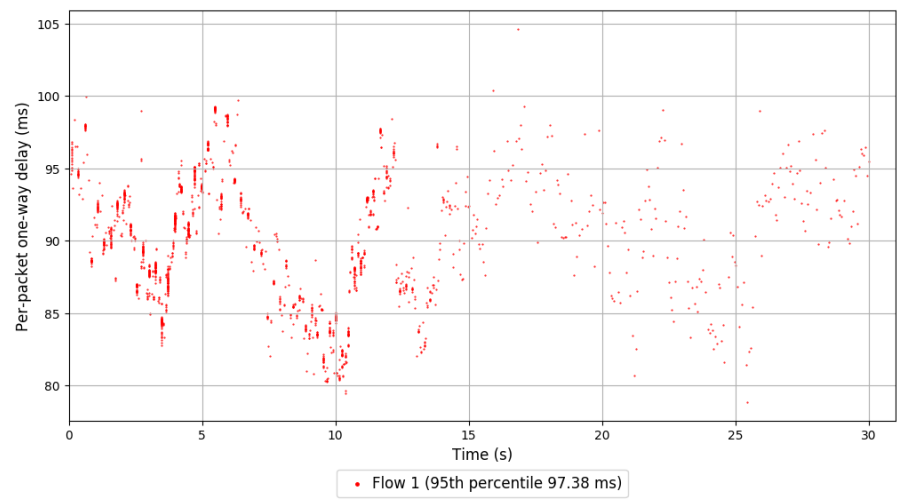
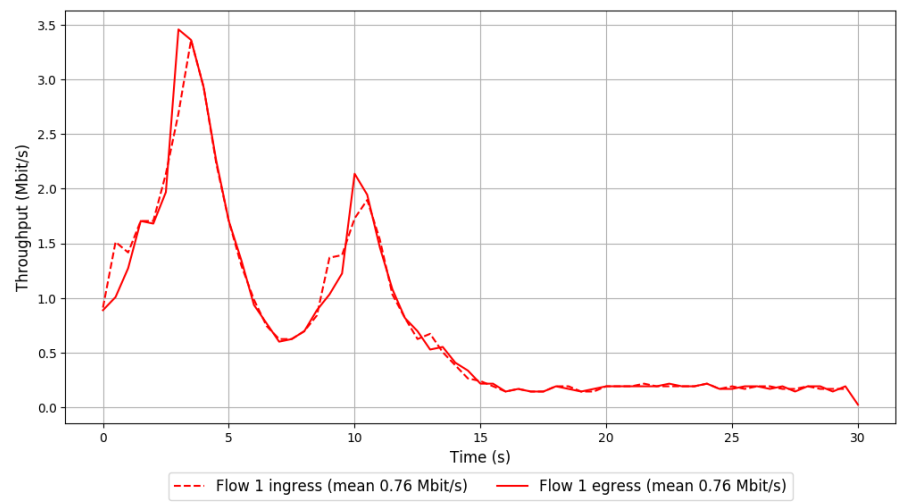
-- Flow 1:

Average throughput: 0.76 Mbit/s

95th percentile per-packet one-way delay: 97.383 ms

Loss rate: 0.00%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 05:10:58 +0000

End at: Sun, 09 Jul 2017 05:11:28 +0000

Local clock offset: 2.611 ms

Remote clock offset: 0.783 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.24 Mbit/s

95th percentile per-packet one-way delay: 99.410 ms

Loss rate: 0.00%

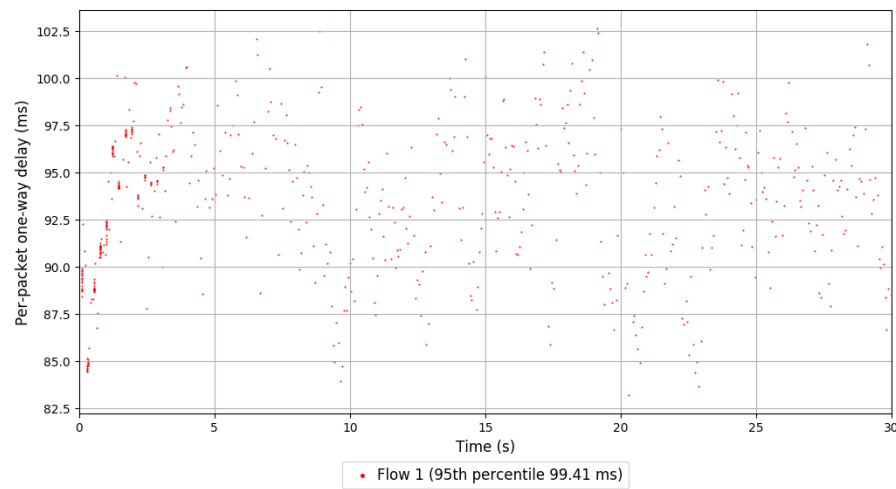
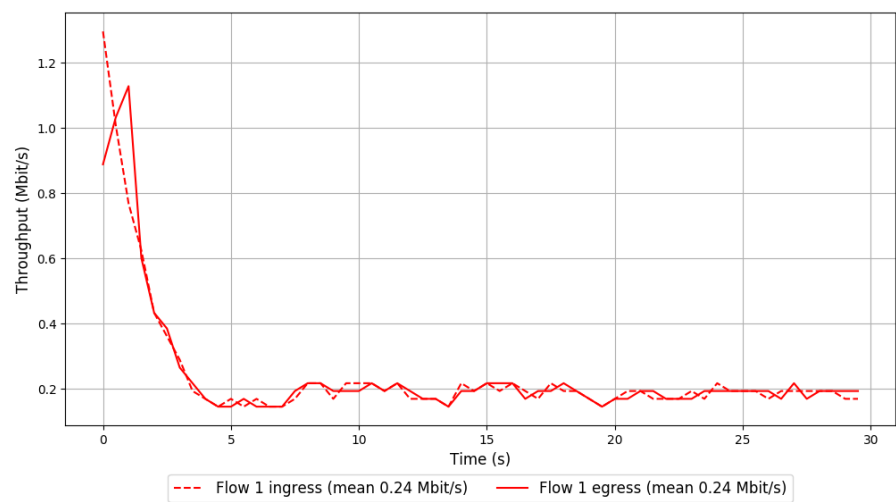
-- Flow 1:

Average throughput: 0.24 Mbit/s

95th percentile per-packet one-way delay: 99.410 ms

Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 05:29:09 +0000

End at: Sun, 09 Jul 2017 05:29:39 +0000

Local clock offset: 2.607 ms

Remote clock offset: 0.403 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 103.372 ms

Loss rate: 0.61%

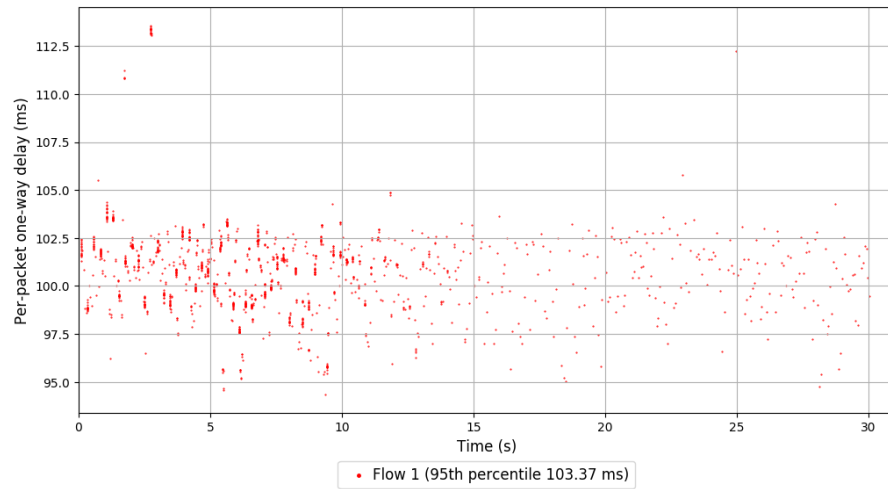
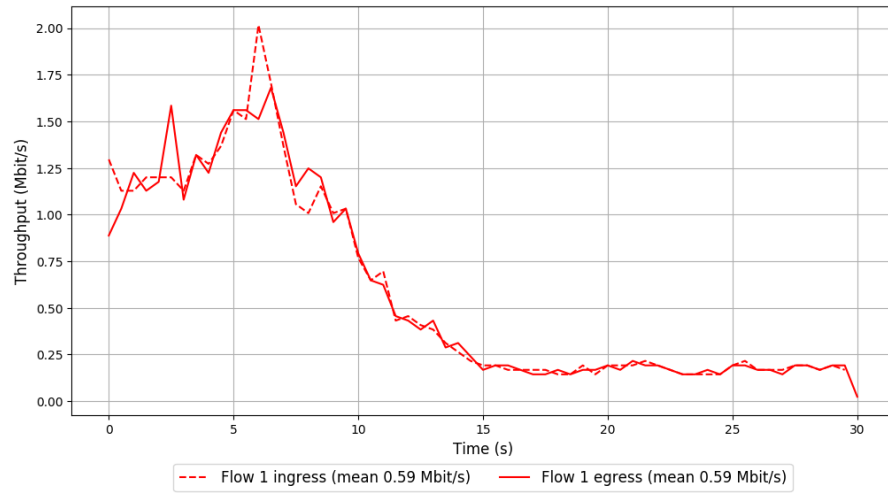
-- Flow 1:

Average throughput: 0.59 Mbit/s

95th percentile per-packet one-way delay: 103.372 ms

Loss rate: 0.61%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sun, 09 Jul 2017 05:47:20 +0000

End at: Sun, 09 Jul 2017 05:47:50 +0000

Local clock offset: 4.188 ms

Remote clock offset: 0.203 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 103.374 ms

Loss rate: 0.09%

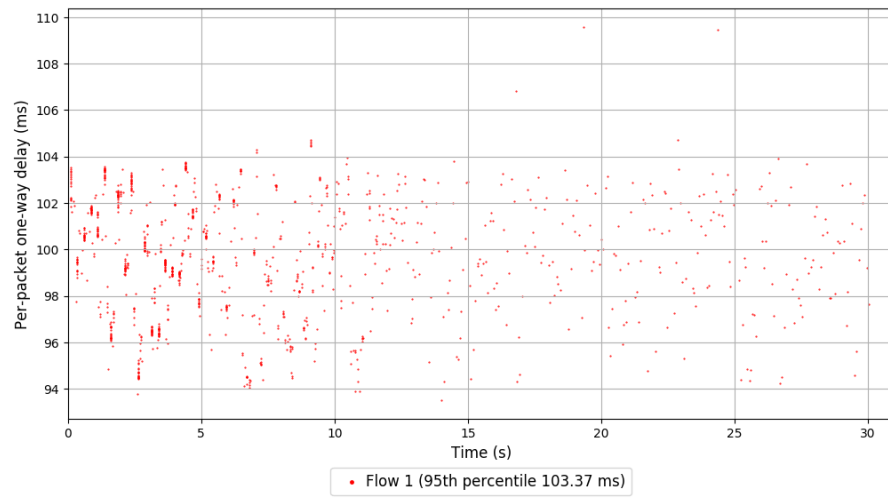
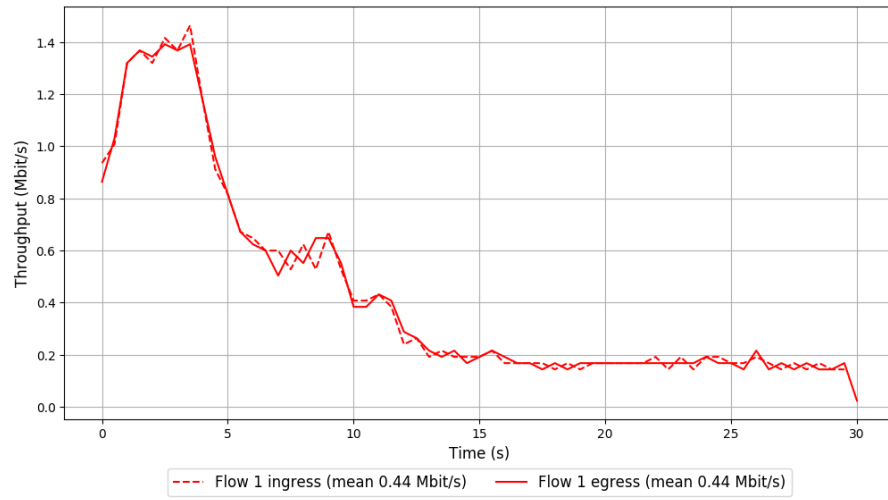
-- Flow 1:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 103.374 ms

Loss rate: 0.09%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 09 Jul 2017 03:08:14 +0000

End at: Sun, 09 Jul 2017 03:08:44 +0000

Local clock offset: 1.415 ms

Remote clock offset: 0.82 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.50 Mbit/s

95th percentile per-packet one-way delay: 79.669 ms

Loss rate: 0.00%

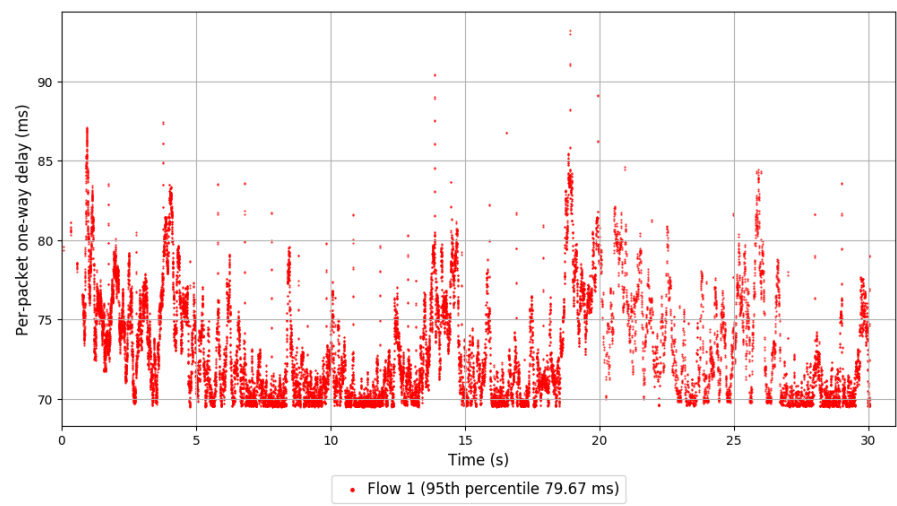
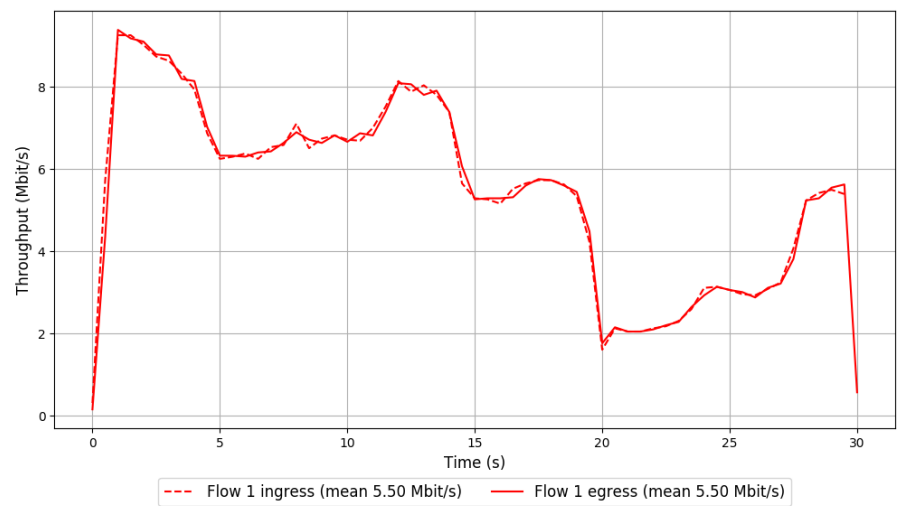
-- Flow 1:

Average throughput: 5.50 Mbit/s

95th percentile per-packet one-way delay: 79.669 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 09 Jul 2017 03:26:15 +0000

End at: Sun, 09 Jul 2017 03:26:45 +0000

Local clock offset: 1.509 ms

Remote clock offset: 1.348 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 78.966 ms

Loss rate: 0.00%

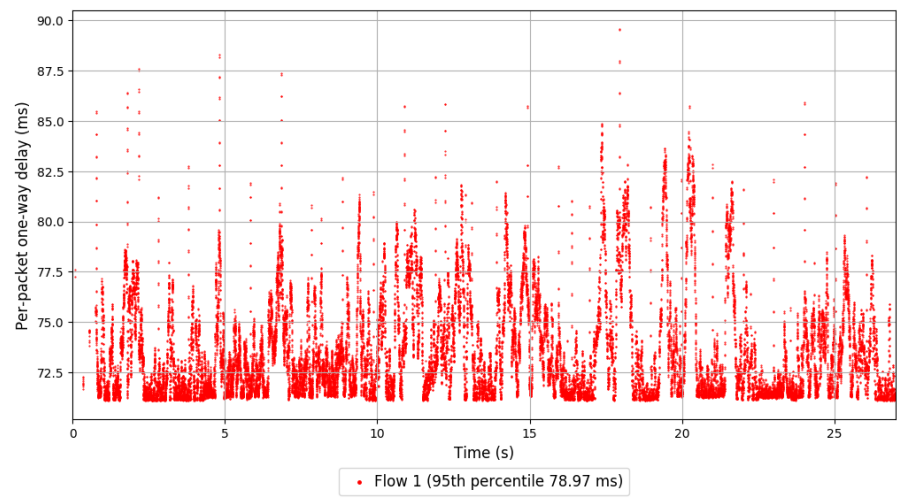
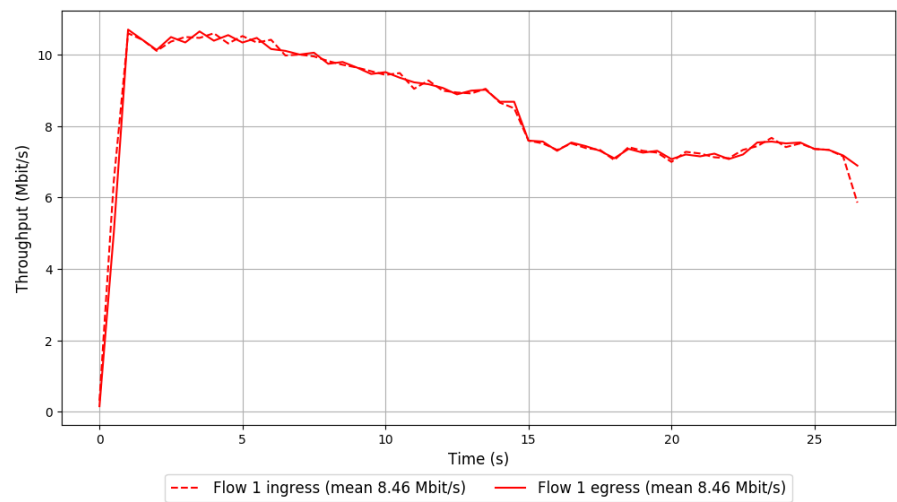
-- Flow 1:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 78.966 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sun, 09 Jul 2017 03:46:07 +0000

End at: Sun, 09 Jul 2017 03:46:37 +0000

Local clock offset: 1.645 ms

Remote clock offset: 1.731 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.67 Mbit/s

95th percentile per-packet one-way delay: 77.936 ms

Loss rate: 0.00%

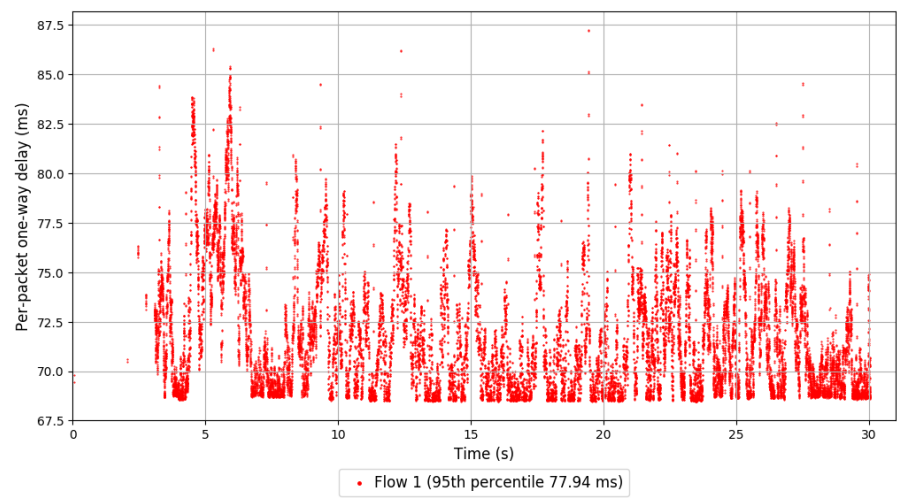
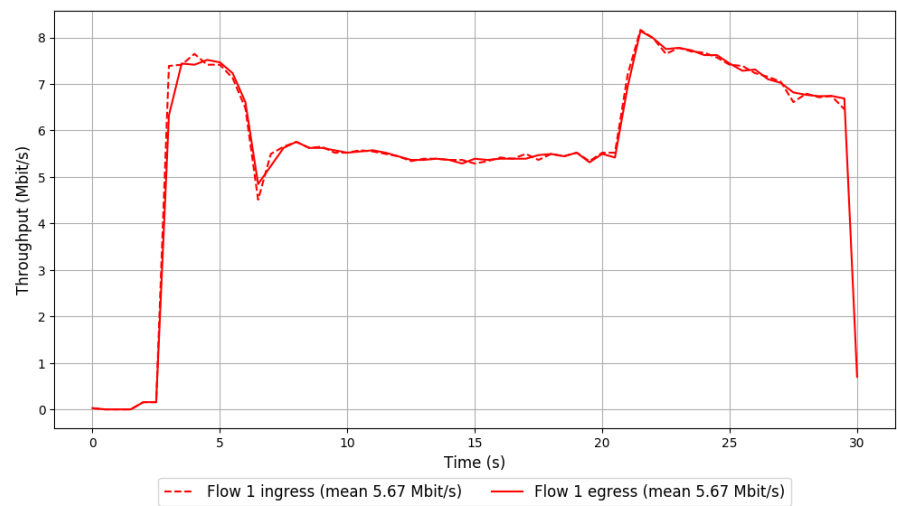
-- Flow 1:

Average throughput: 5.67 Mbit/s

95th percentile per-packet one-way delay: 77.936 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sun, 09 Jul 2017 04:04:34 +0000

End at: Sun, 09 Jul 2017 04:05:04 +0000

Local clock offset: 1.869 ms

Remote clock offset: 1.775 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 95.349 ms

Loss rate: 0.04%

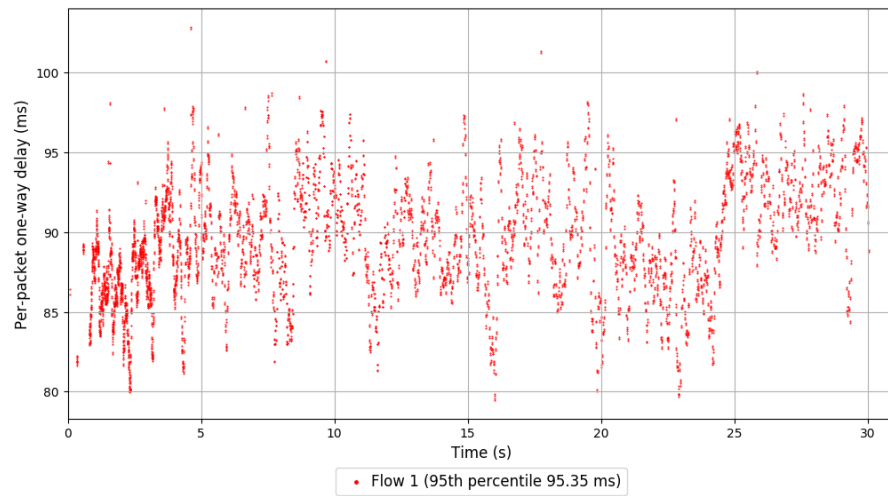
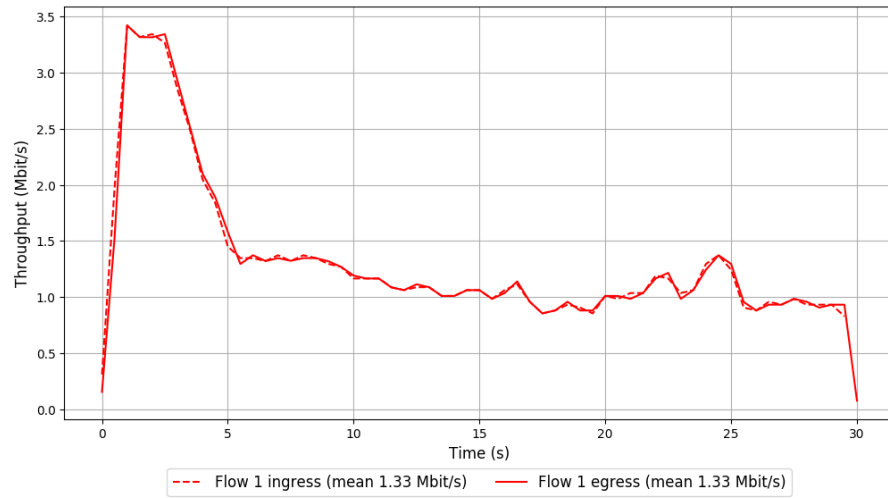
-- Flow 1:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 95.349 ms

Loss rate: 0.04%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 09 Jul 2017 04:22:46 +0000

End at: Sun, 09 Jul 2017 04:23:16 +0000

Local clock offset: 2.145 ms

Remote clock offset: 1.681 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.62 Mbit/s

95th percentile per-packet one-way delay: 100.783 ms

Loss rate: 0.97%

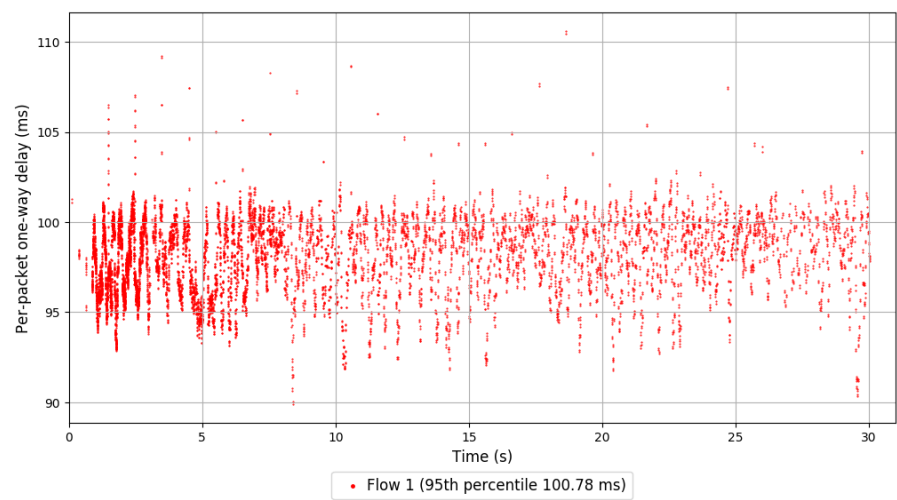
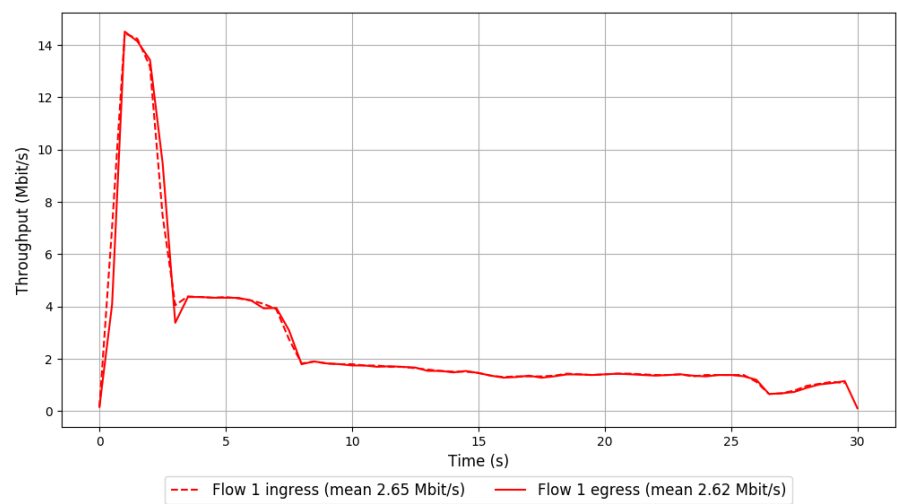
-- Flow 1:

Average throughput: 2.62 Mbit/s

95th percentile per-packet one-way delay: 100.783 ms

Loss rate: 0.97%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sun, 09 Jul 2017 04:40:44 +0000

End at: Sun, 09 Jul 2017 04:41:14 +0000

Local clock offset: 2.357 ms

Remote clock offset: 1.238 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.12 Mbit/s

95th percentile per-packet one-way delay: 101.329 ms

Loss rate: 0.60%

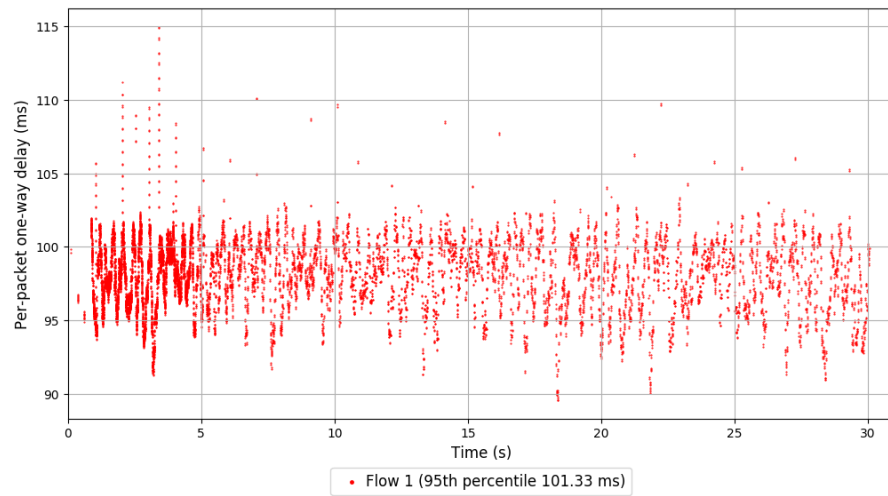
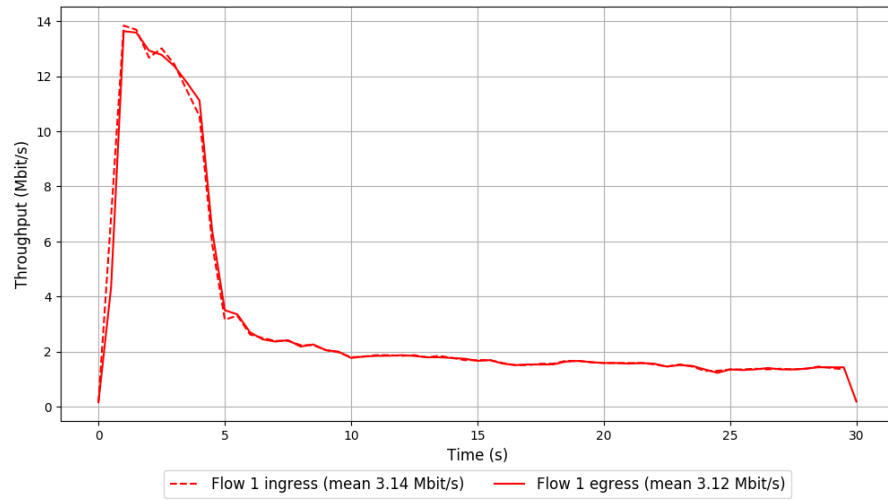
-- Flow 1:

Average throughput: 3.12 Mbit/s

95th percentile per-packet one-way delay: 101.329 ms

Loss rate: 0.60%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sun, 09 Jul 2017 04:58:56 +0000

End at: Sun, 09 Jul 2017 04:59:26 +0000

Local clock offset: 2.561 ms

Remote clock offset: 0.827 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.15 Mbit/s

95th percentile per-packet one-way delay: 99.039 ms

Loss rate: 0.24%

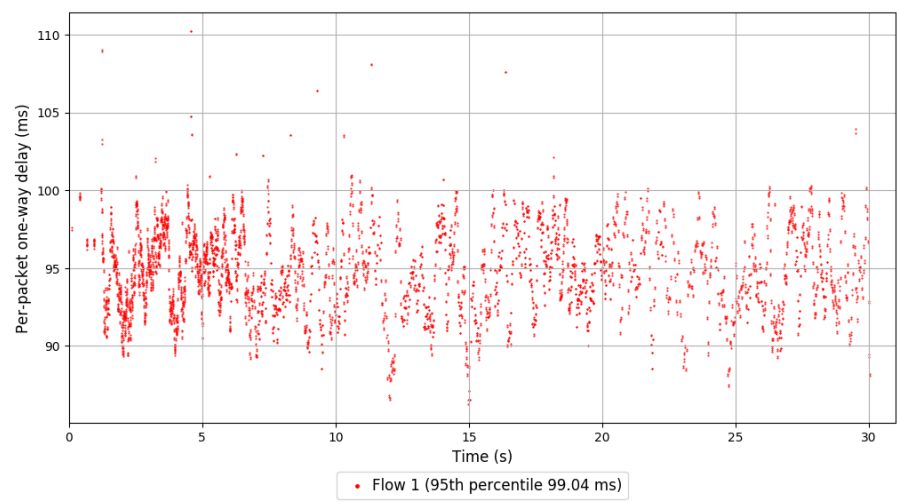
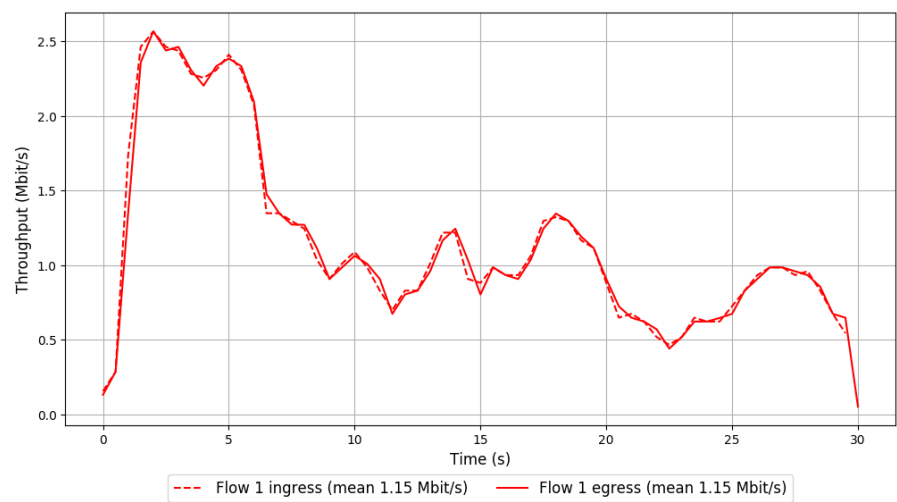
-- Flow 1:

Average throughput: 1.15 Mbit/s

95th percentile per-packet one-way delay: 99.039 ms

Loss rate: 0.24%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sun, 09 Jul 2017 05:16:53 +0000

End at: Sun, 09 Jul 2017 05:17:23 +0000

Local clock offset: 2.57 ms

Remote clock offset: 0.607 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.73 Mbit/s

95th percentile per-packet one-way delay: 101.308 ms

Loss rate: 0.27%

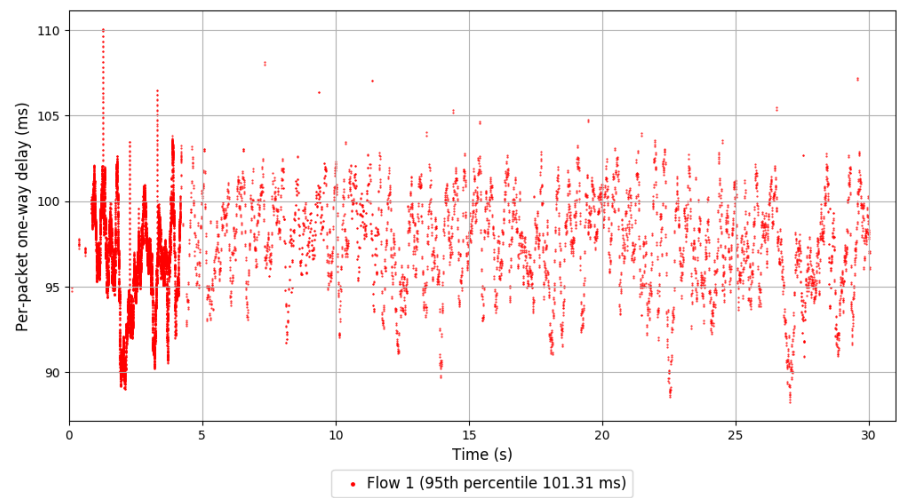
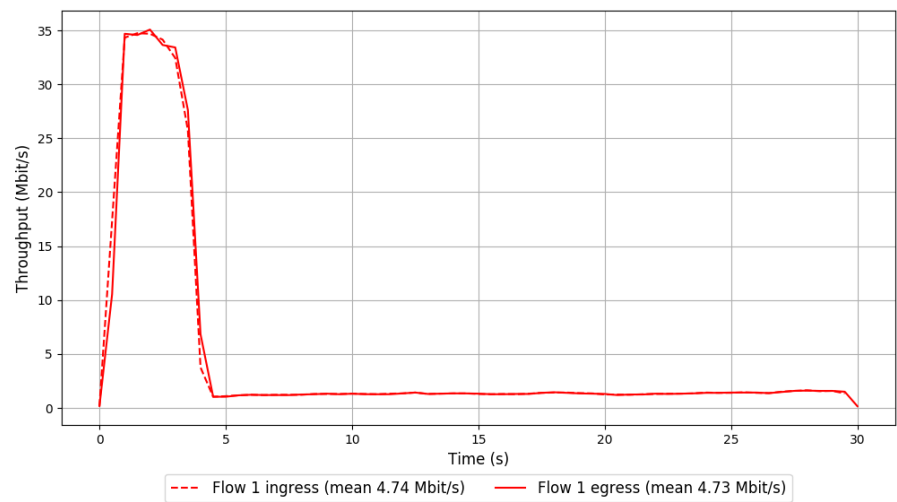
-- Flow 1:

Average throughput: 4.73 Mbit/s

95th percentile per-packet one-way delay: 101.308 ms

Loss rate: 0.27%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sun, 09 Jul 2017 05:35:12 +0000

End at: Sun, 09 Jul 2017 05:35:42 +0000

Local clock offset: 2.911 ms

Remote clock offset: 0.385 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 100.717 ms

Loss rate: 1.01%

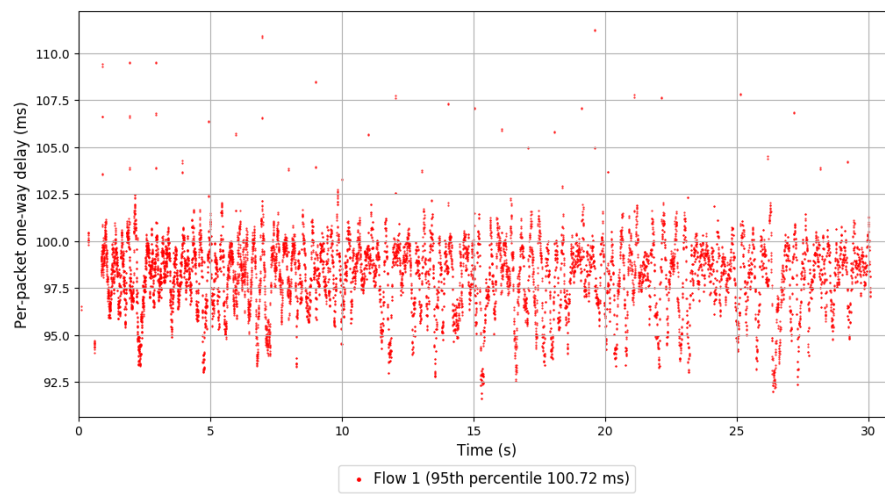
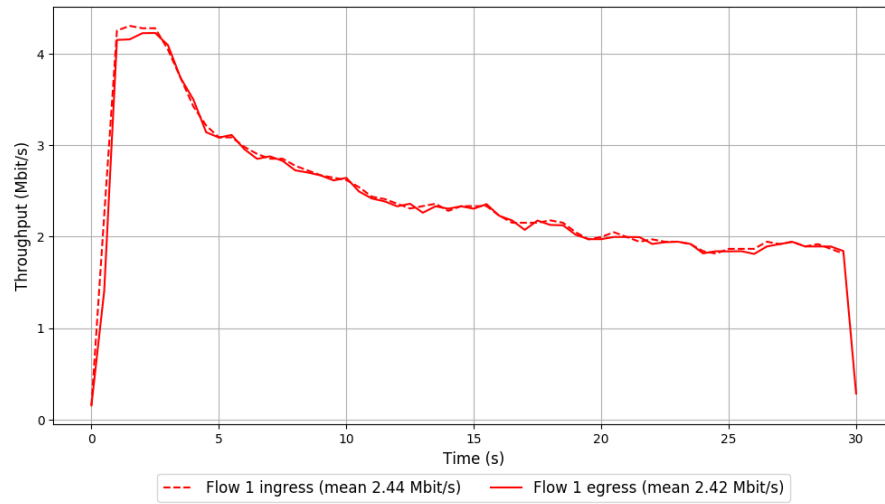
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 100.717 ms

Loss rate: 1.01%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sun, 09 Jul 2017 05:53:21 +0000

End at: Sun, 09 Jul 2017 05:53:51 +0000

Local clock offset: 3.141 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 102.998 ms

Loss rate: 0.55%

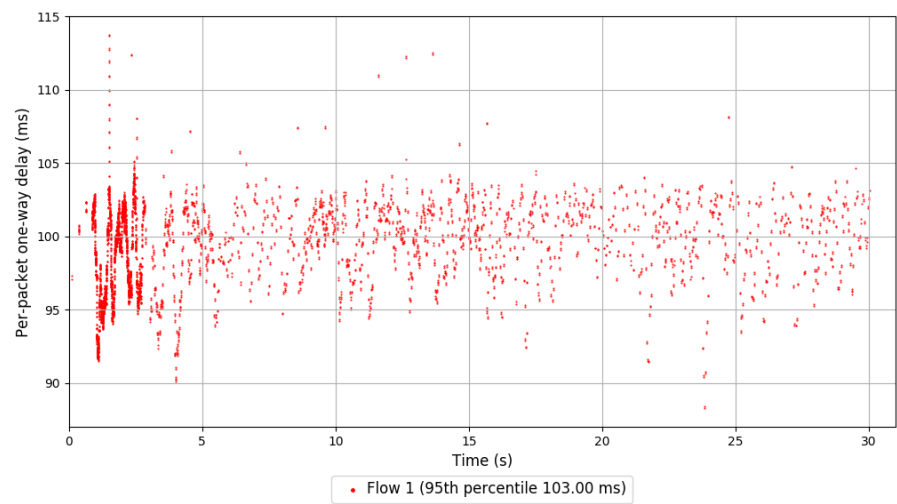
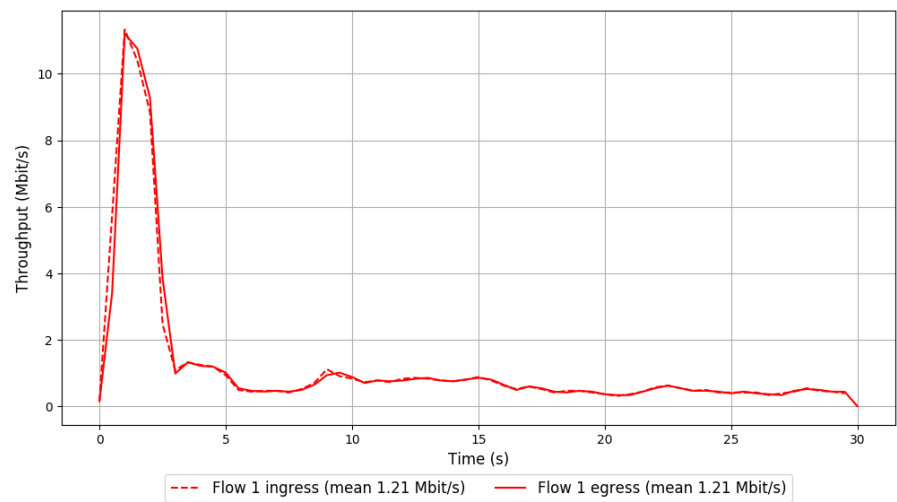
-- Flow 1:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 102.998 ms

Loss rate: 0.55%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 03:05:52 +0000

End at: Sun, 09 Jul 2017 03:06:22 +0000

Local clock offset: 1.155 ms

Remote clock offset: 0.891 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.63 Mbit/s

95th percentile per-packet one-way delay: 79.758 ms

Loss rate: 0.54%

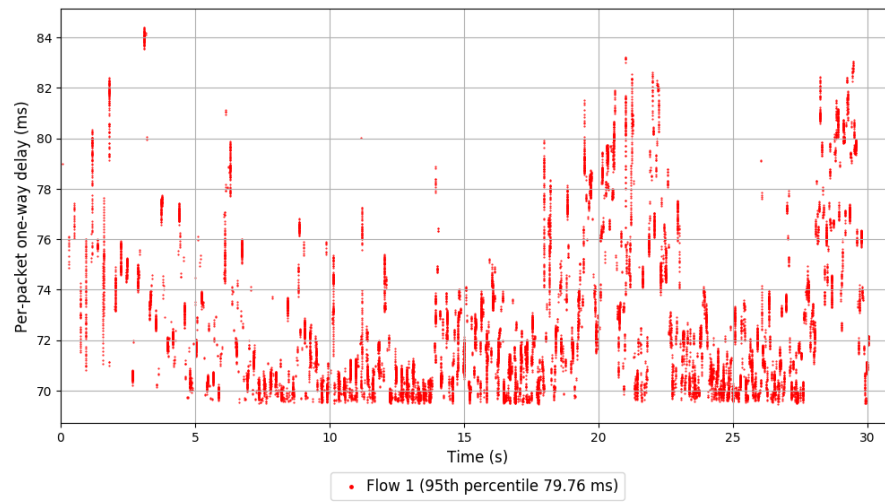
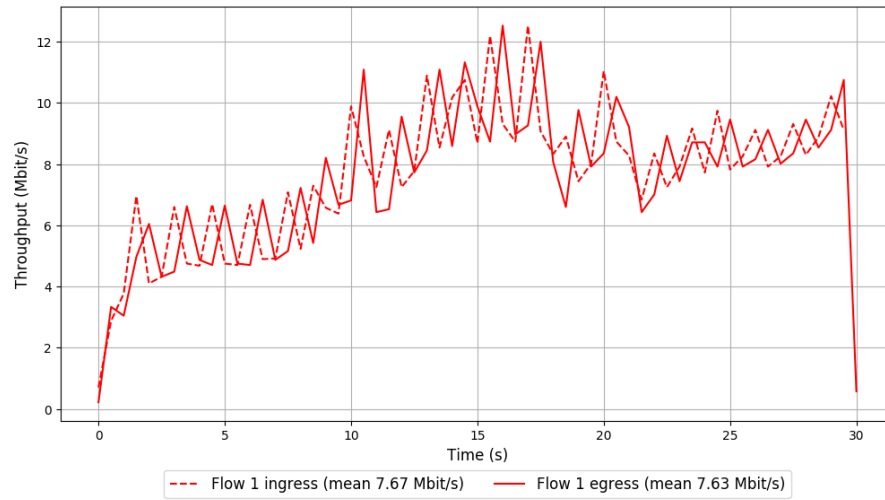
-- Flow 1:

Average throughput: 7.63 Mbit/s

95th percentile per-packet one-way delay: 79.758 ms

Loss rate: 0.54%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 03:23:48 +0000

End at: Sun, 09 Jul 2017 03:24:18 +0000

Local clock offset: 1.597 ms

Remote clock offset: 1.308 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.83 Mbit/s

95th percentile per-packet one-way delay: 83.963 ms

Loss rate: 1.07%

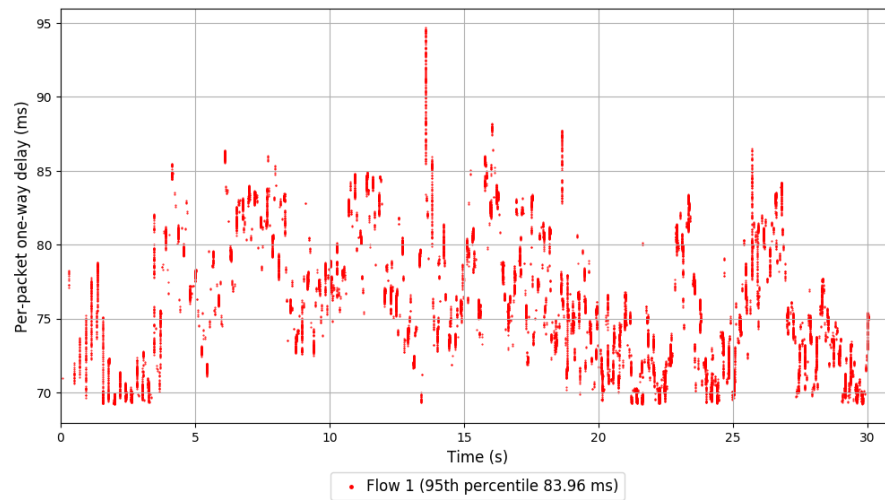
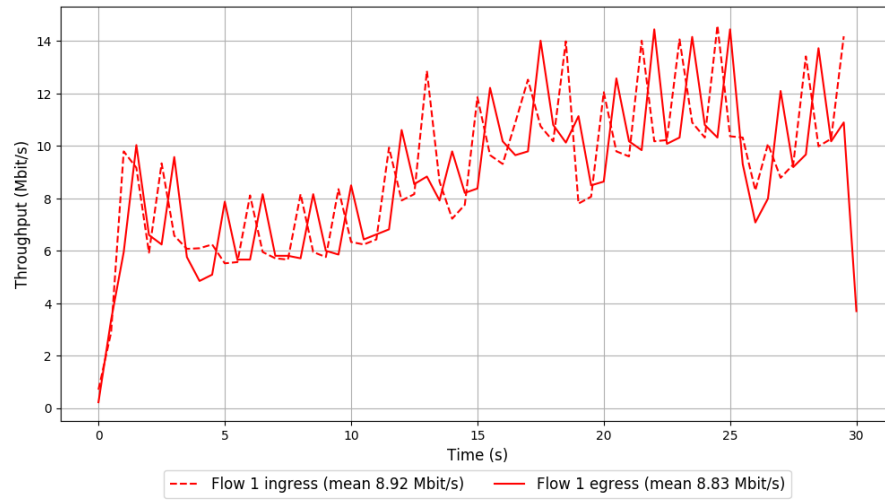
-- Flow 1:

Average throughput: 8.83 Mbit/s

95th percentile per-packet one-way delay: 83.963 ms

Loss rate: 1.07%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 03:42:41 +0000

End at: Sun, 09 Jul 2017 03:43:11 +0000

Local clock offset: 2.636 ms

Remote clock offset: 1.813 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.52 Mbit/s

95th percentile per-packet one-way delay: 80.274 ms

Loss rate: 1.34%

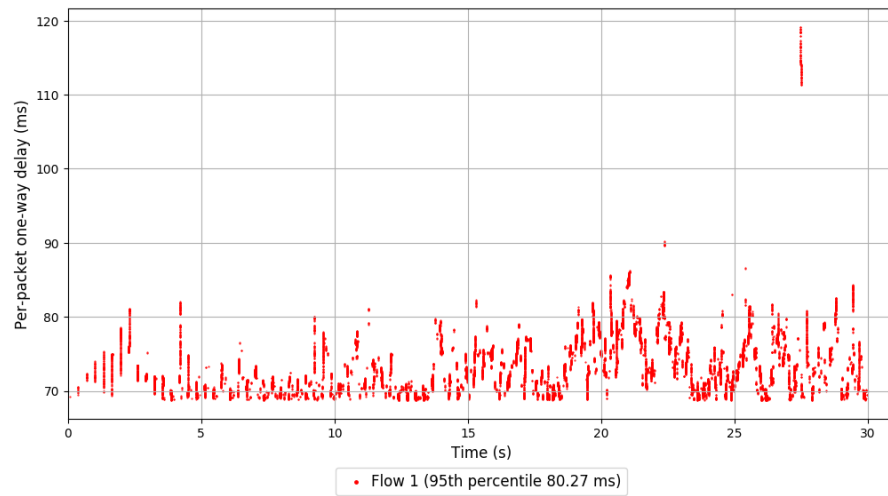
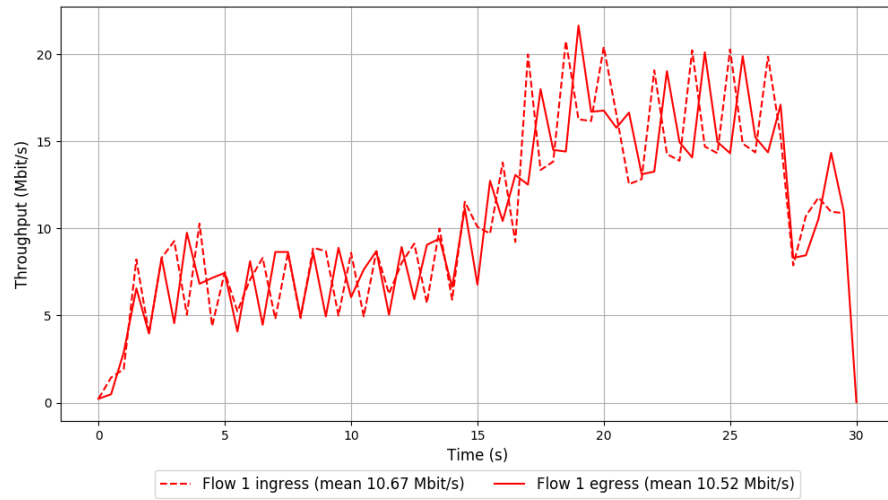
-- Flow 1:

Average throughput: 10.52 Mbit/s

95th percentile per-packet one-way delay: 80.274 ms

Loss rate: 1.34%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 04:02:12 +0000

End at: Sun, 09 Jul 2017 04:02:42 +0000

Local clock offset: 1.727 ms

Remote clock offset: 1.784 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.99 Mbit/s

95th percentile per-packet one-way delay: 95.093 ms

Loss rate: 0.75%

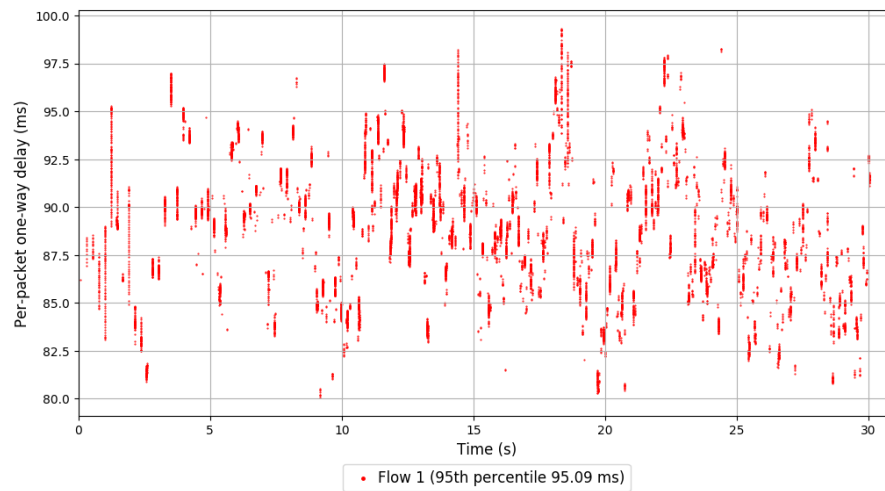
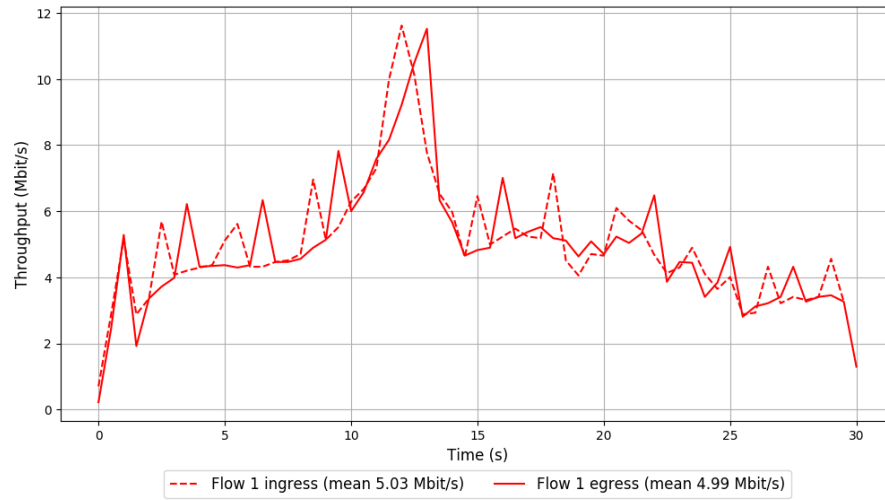
-- Flow 1:

Average throughput: 4.99 Mbit/s

95th percentile per-packet one-way delay: 95.093 ms

Loss rate: 0.75%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 04:20:24 +0000

End at: Sun, 09 Jul 2017 04:20:54 +0000

Local clock offset: 3.348 ms

Remote clock offset: 1.78 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: 101.700 ms

Loss rate: 3.30%

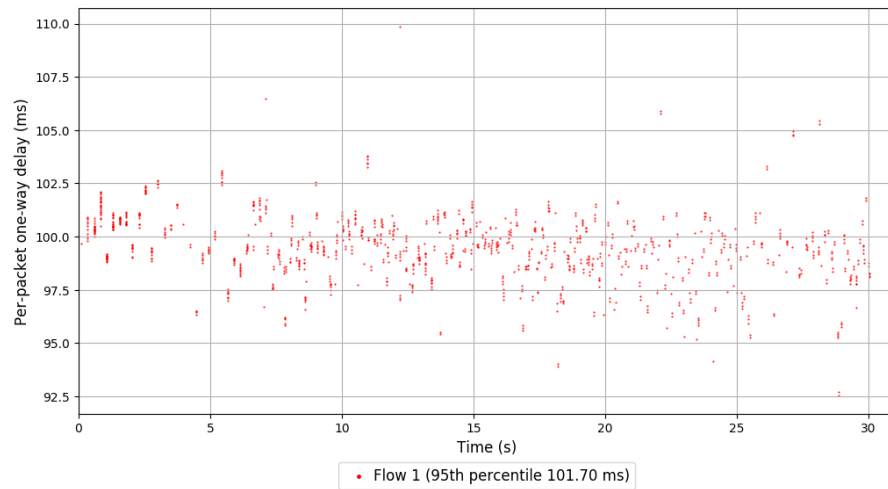
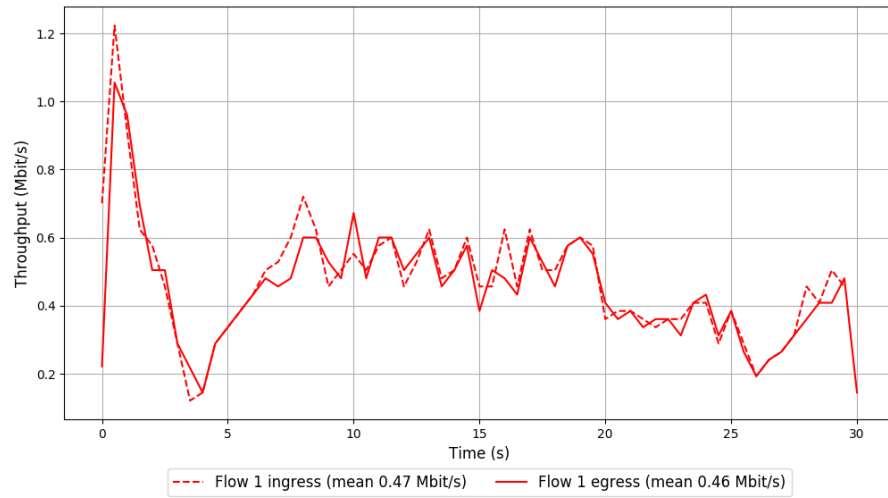
-- Flow 1:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: 101.700 ms

Loss rate: 3.30%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 04:38:21 +0000

End at: Sun, 09 Jul 2017 04:38:51 +0000

Local clock offset: 2.316 ms

Remote clock offset: 1.281 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.66 Mbit/s

95th percentile per-packet one-way delay: 101.352 ms

Loss rate: 3.20%

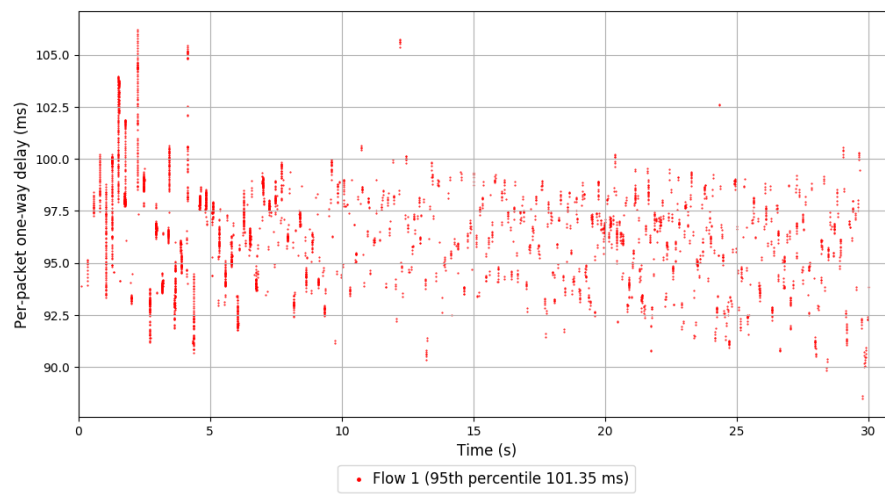
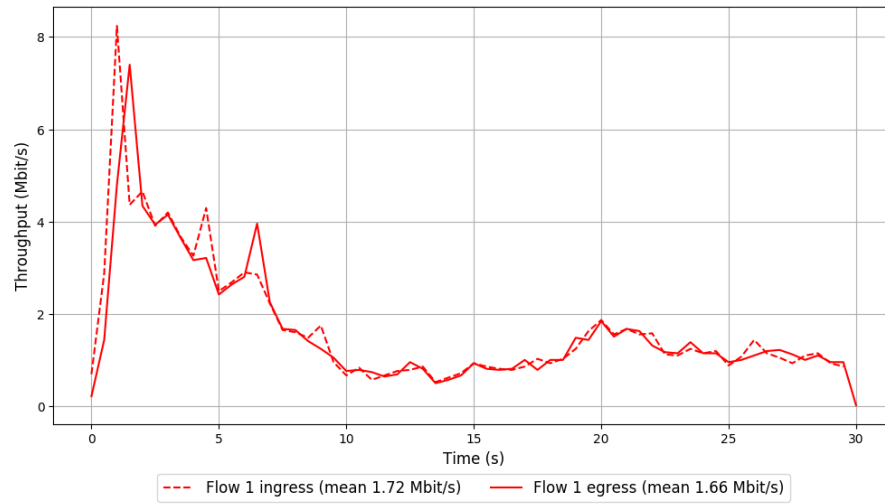
-- Flow 1:

Average throughput: 1.66 Mbit/s

95th percentile per-packet one-way delay: 101.352 ms

Loss rate: 3.20%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 04:56:29 +0000

End at: Sun, 09 Jul 2017 04:56:59 +0000

Local clock offset: 2.43 ms

Remote clock offset: 0.907 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 101.876 ms

Loss rate: 1.06%

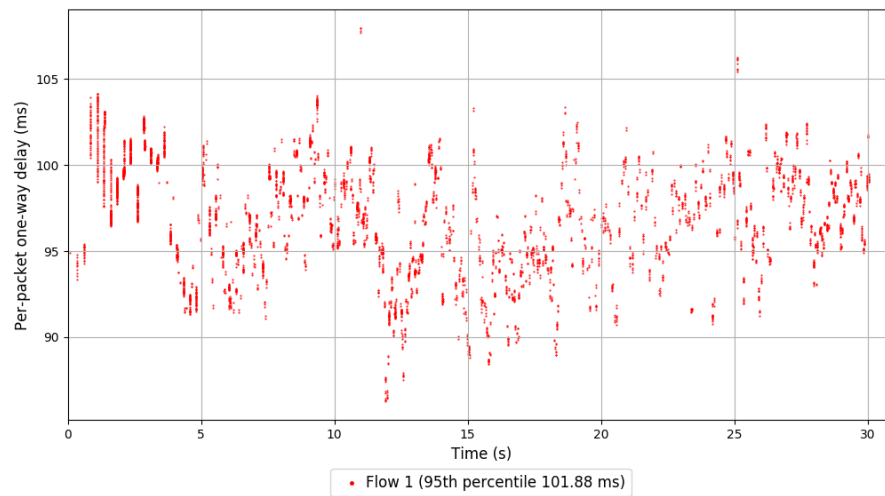
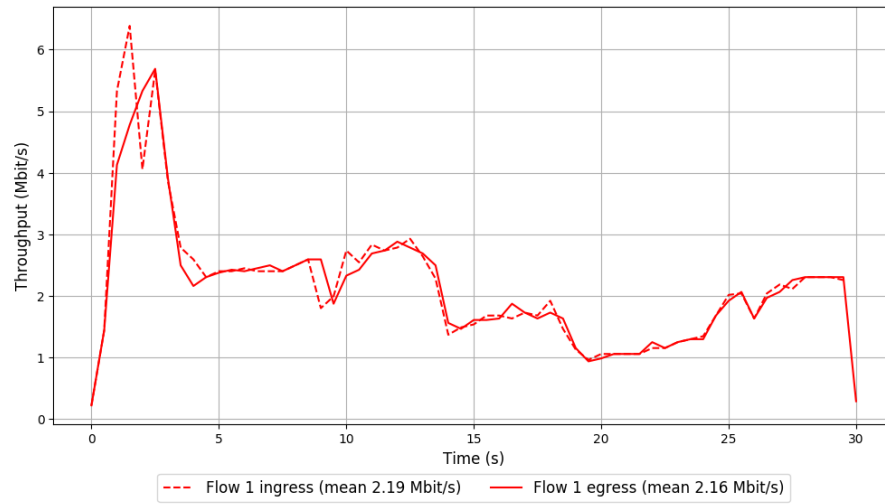
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 101.876 ms

Loss rate: 1.06%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 05:14:33 +0000

End at: Sun, 09 Jul 2017 05:15:03 +0000

Local clock offset: 3.763 ms

Remote clock offset: 0.614 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.68 Mbit/s

95th percentile per-packet one-way delay: 100.579 ms

Loss rate: 3.35%

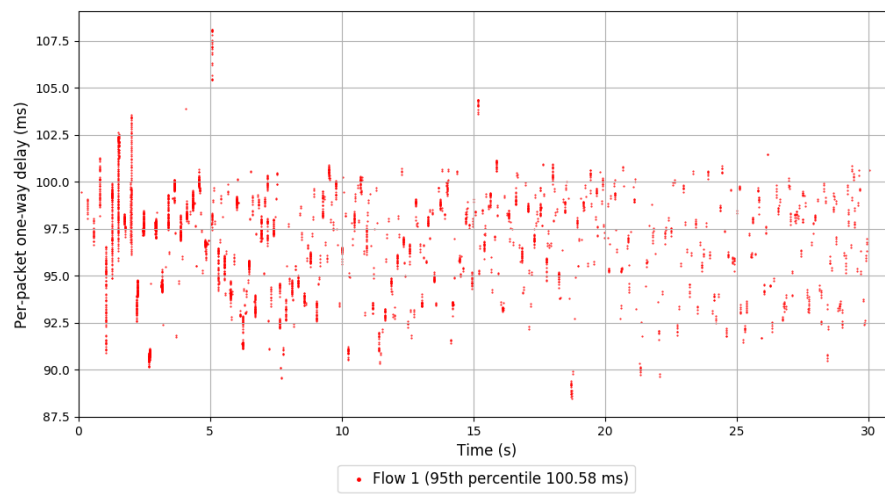
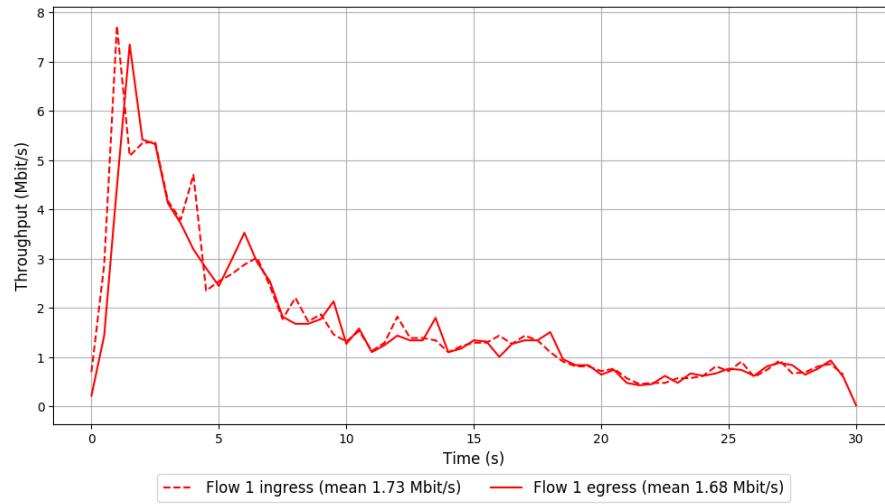
-- Flow 1:

Average throughput: 1.68 Mbit/s

95th percentile per-packet one-way delay: 100.579 ms

Loss rate: 3.35%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 05:32:50 +0000

End at: Sun, 09 Jul 2017 05:33:20 +0000

Local clock offset: 2.655 ms

Remote clock offset: 0.426 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.50 Mbit/s

95th percentile per-packet one-way delay: 102.849 ms

Loss rate: 1.14%

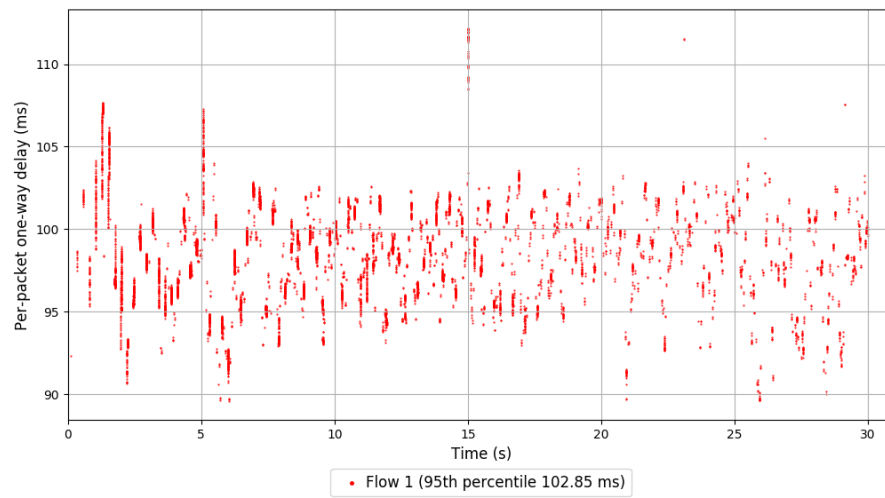
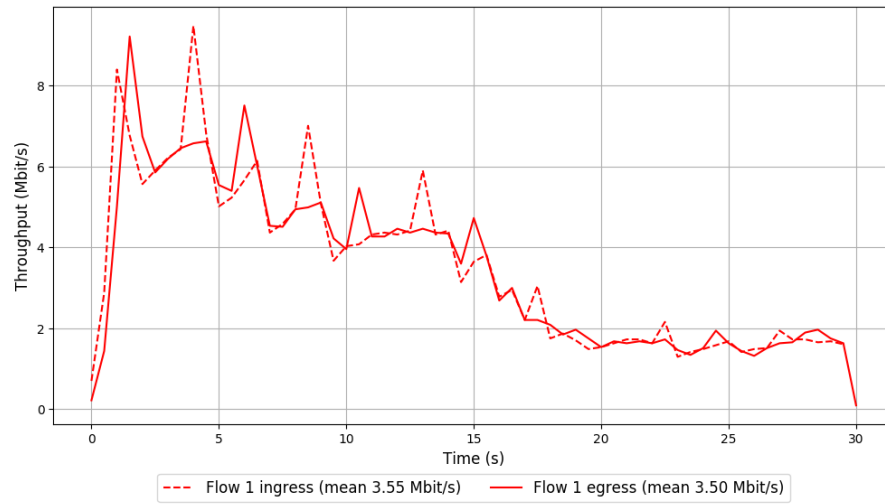
-- Flow 1:

Average throughput: 3.50 Mbit/s

95th percentile per-packet one-way delay: 102.849 ms

Loss rate: 1.14%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Sun, 09 Jul 2017 05:50:57 +0000

End at: Sun, 09 Jul 2017 05:51:27 +0000

Local clock offset: 3.089 ms

Remote clock offset: 0.198 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.59 Mbit/s

95th percentile per-packet one-way delay: 103.843 ms

Loss rate: 1.70%

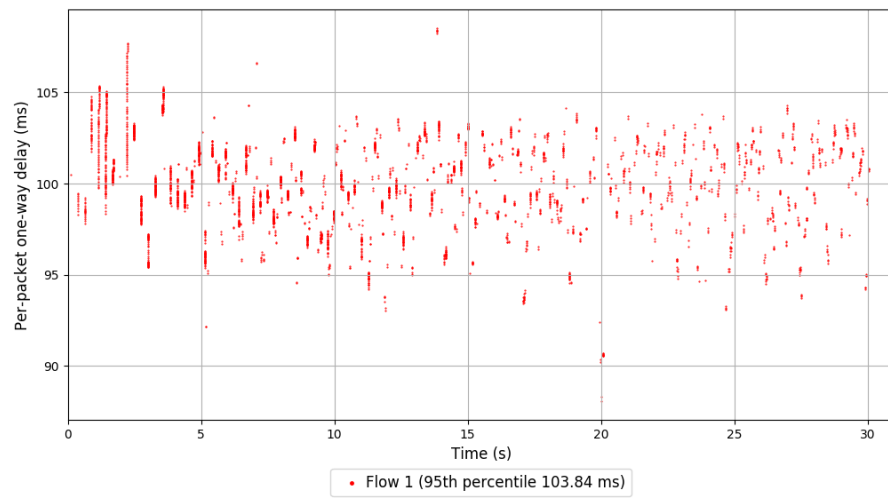
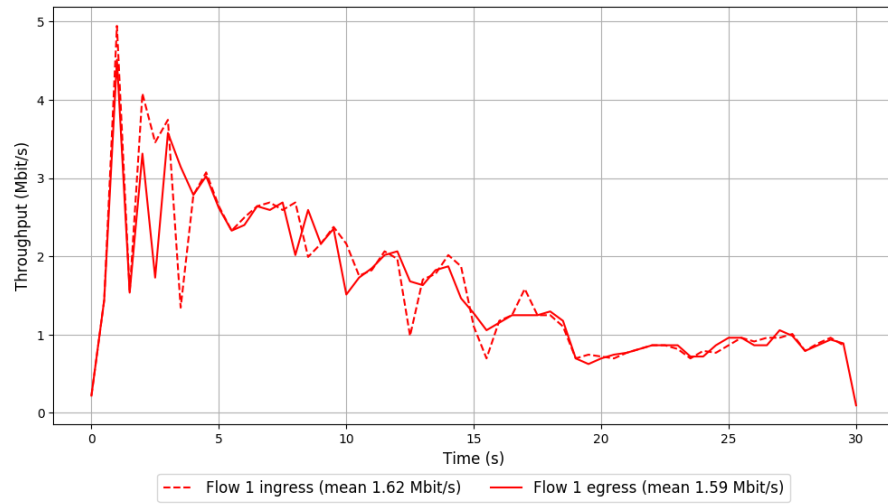
-- Flow 1:

Average throughput: 1.59 Mbit/s

95th percentile per-packet one-way delay: 103.843 ms

Loss rate: 1.70%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 03:11:50 +0000

End at: Sun, 09 Jul 2017 03:12:20 +0000

Local clock offset: 1.384 ms

Remote clock offset: 1.006 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.25 Mbit/s

95th percentile per-packet one-way delay: 90.989 ms

Loss rate: 0.01%

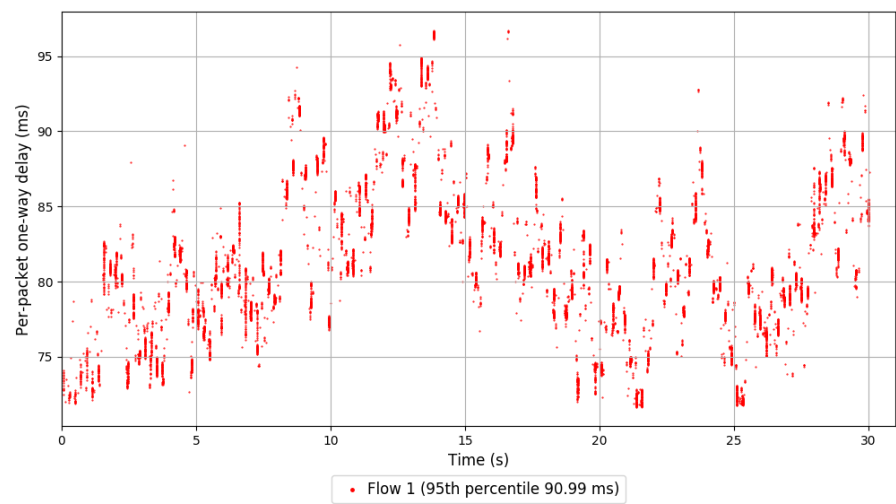
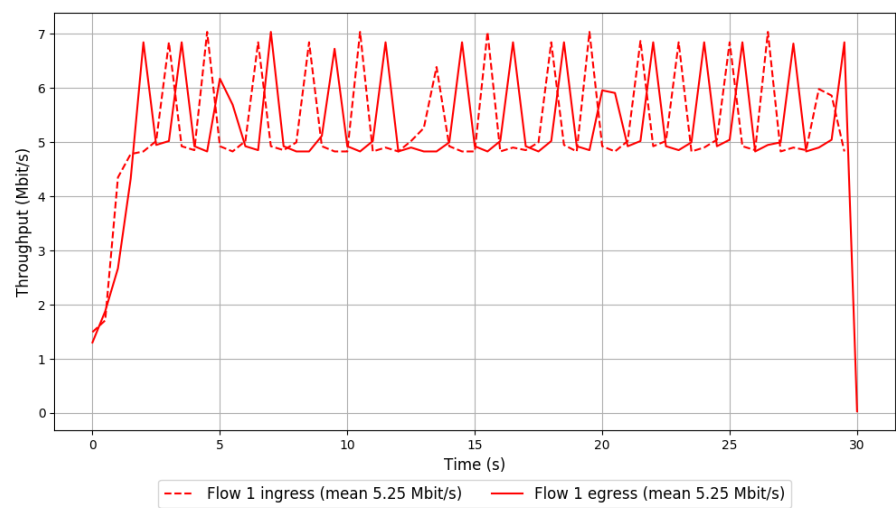
-- Flow 1:

Average throughput: 5.25 Mbit/s

95th percentile per-packet one-way delay: 90.989 ms

Loss rate: 0.01%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 03:29:51 +0000

End at: Sun, 09 Jul 2017 03:30:21 +0000

Local clock offset: 2.643 ms

Remote clock offset: 1.462 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.42 Mbit/s

95th percentile per-packet one-way delay: 78.934 ms

Loss rate: 0.00%

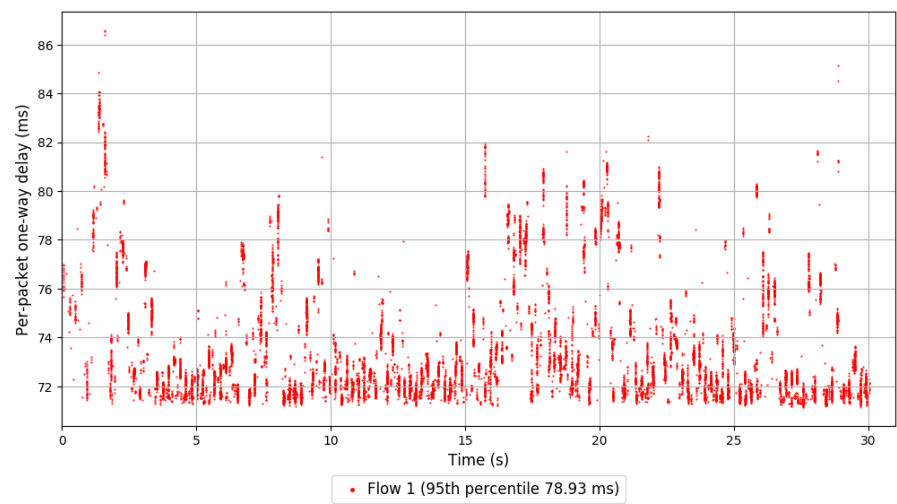
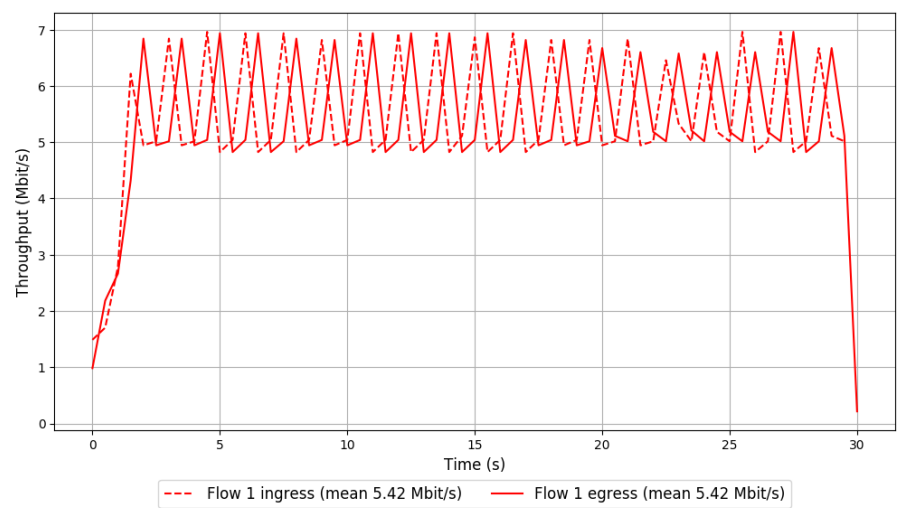
-- Flow 1:

Average throughput: 5.42 Mbit/s

95th percentile per-packet one-way delay: 78.934 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 03:50:12 +0000

End at: Sun, 09 Jul 2017 03:50:42 +0000

Local clock offset: 2.817 ms

Remote clock offset: 1.938 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.40 Mbit/s

95th percentile per-packet one-way delay: 81.542 ms

Loss rate: 0.18%

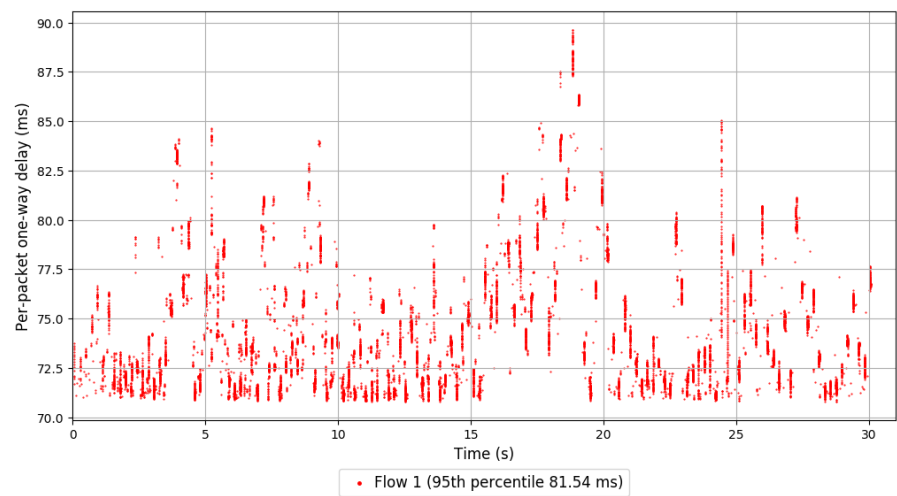
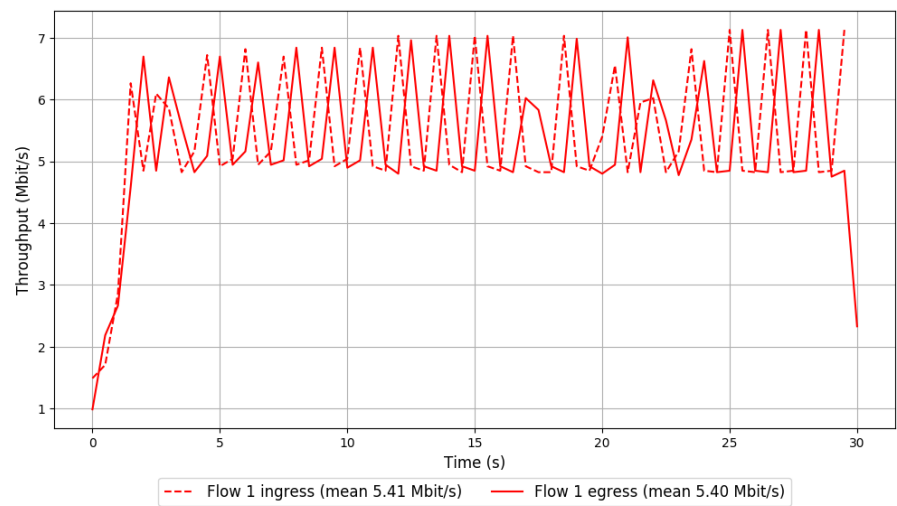
-- Flow 1:

Average throughput: 5.40 Mbit/s

95th percentile per-packet one-way delay: 81.542 ms

Loss rate: 0.18%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 04:08:14 +0000

End at: Sun, 09 Jul 2017 04:08:44 +0000

Local clock offset: 3.203 ms

Remote clock offset: 1.778 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.88 Mbit/s

95th percentile per-packet one-way delay: 99.505 ms

Loss rate: 0.20%

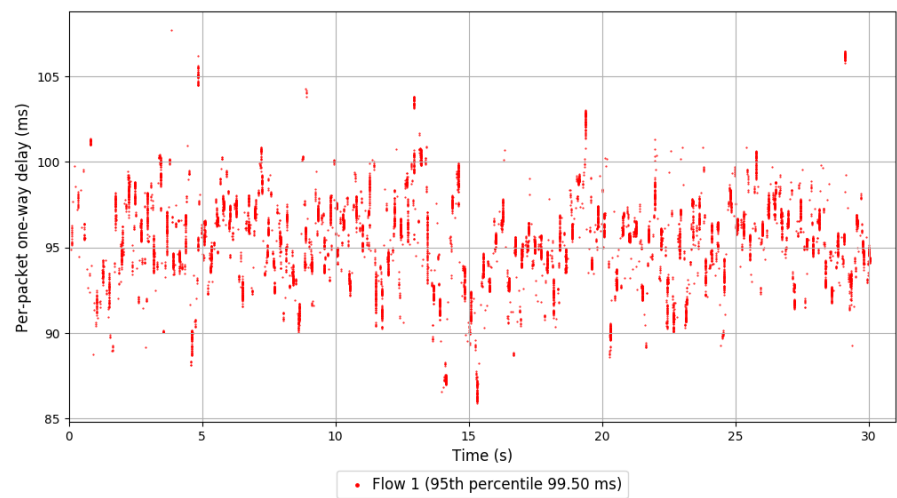
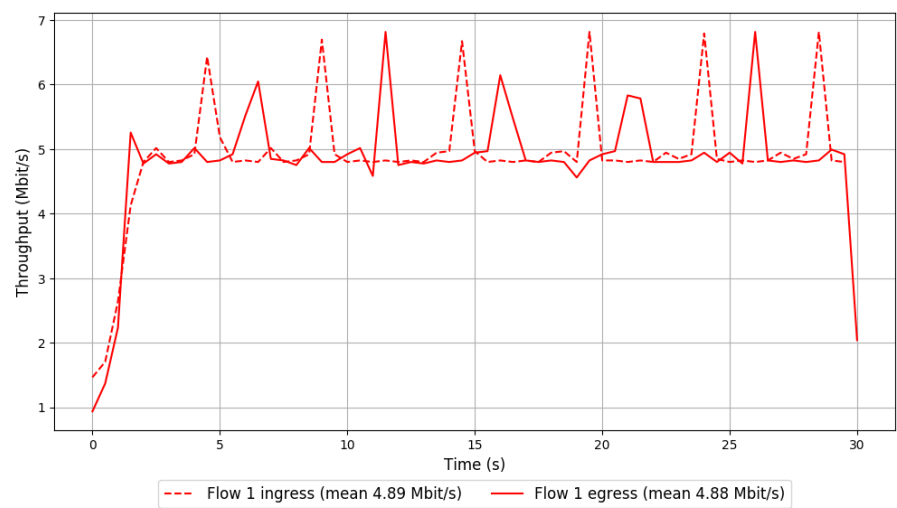
-- Flow 1:

Average throughput: 4.88 Mbit/s

95th percentile per-packet one-way delay: 99.505 ms

Loss rate: 0.20%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

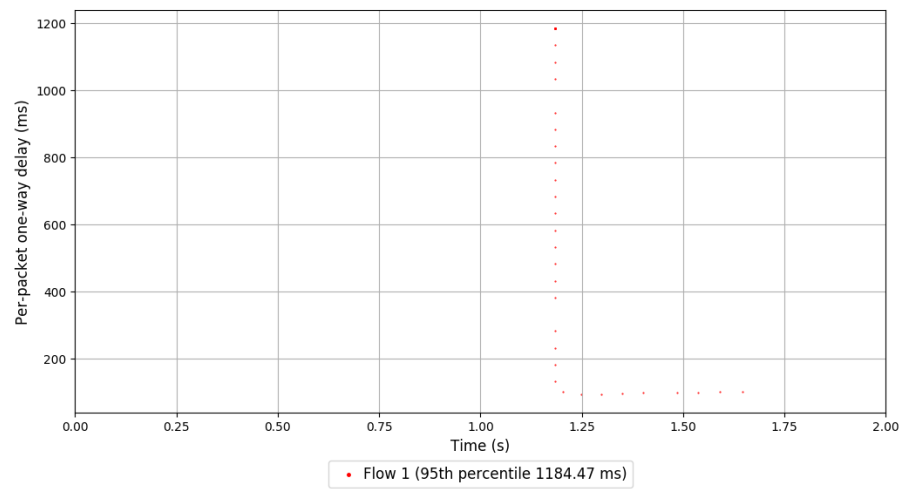
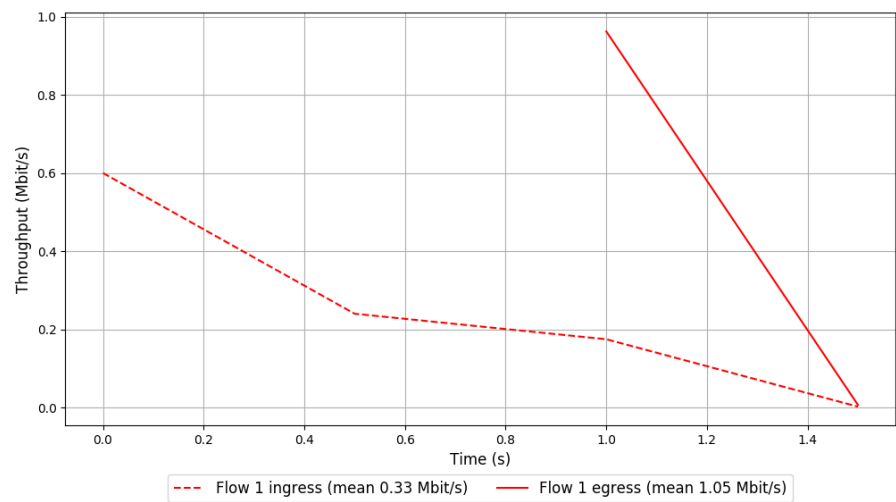
Start at: Sun, 09 Jul 2017 04:26:22 +0000

End at: Sun, 09 Jul 2017 04:26:52 +0000

Local clock offset: 3.296 ms

Remote clock offset: 1.672 ms

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 04:44:29 +0000

End at: Sun, 09 Jul 2017 04:44:59 +0000

Local clock offset: 2.32 ms

Remote clock offset: 1.153 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 97.722 ms

Loss rate: 0.06%

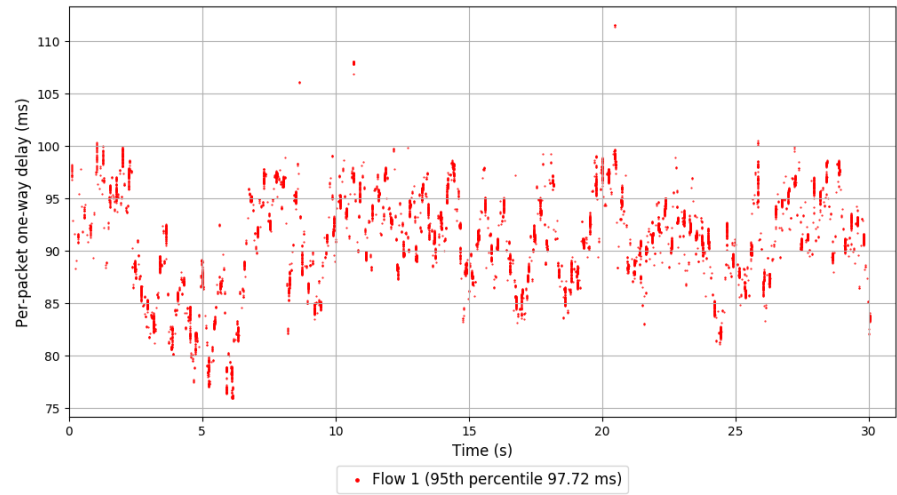
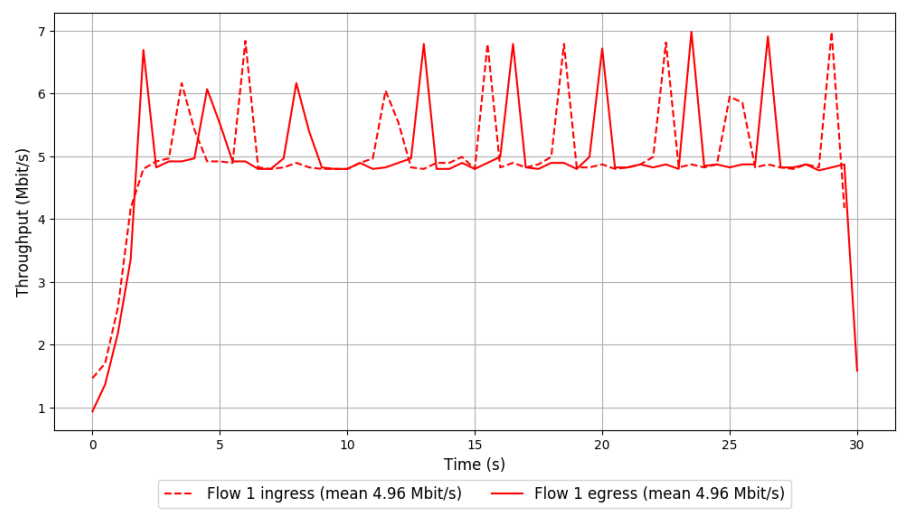
-- Flow 1:

Average throughput: 4.96 Mbit/s

95th percentile per-packet one-way delay: 97.722 ms

Loss rate: 0.06%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 05:02:34 +0000

End at: Sun, 09 Jul 2017 05:03:04 +0000

Local clock offset: 3.63 ms

Remote clock offset: 0.823 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.85 Mbit/s

95th percentile per-packet one-way delay: 98.695 ms

Loss rate: 0.10%

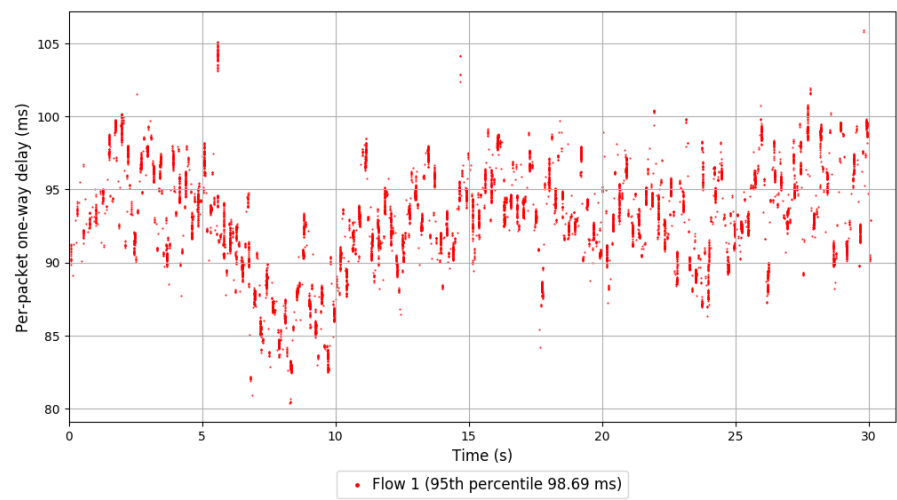
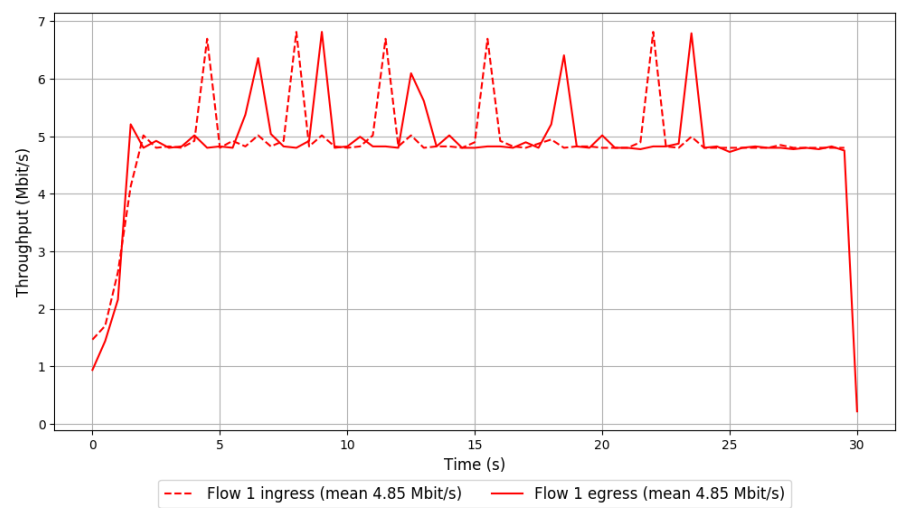
-- Flow 1:

Average throughput: 4.85 Mbit/s

95th percentile per-packet one-way delay: 98.695 ms

Loss rate: 0.10%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 05:20:35 +0000

End at: Sun, 09 Jul 2017 05:21:05 +0000

Local clock offset: 2.683 ms

Remote clock offset: 0.587 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.97 Mbit/s

95th percentile per-packet one-way delay: 99.355 ms

Loss rate: 0.11%

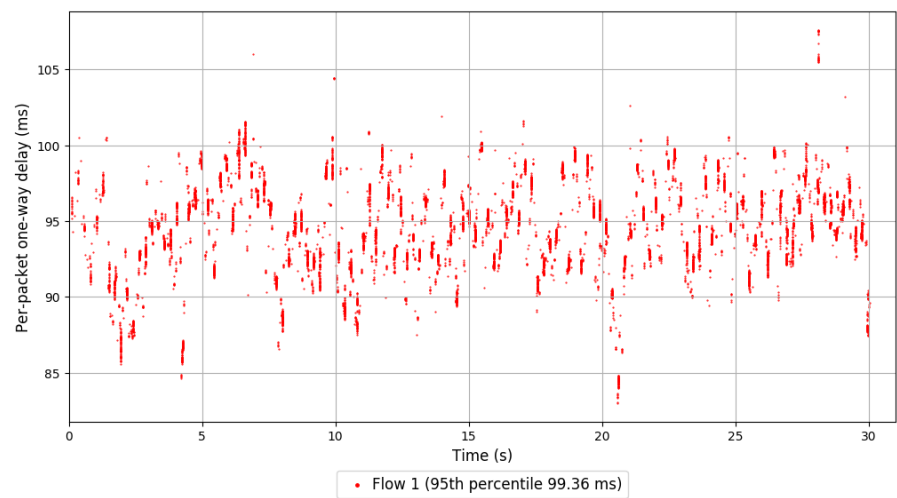
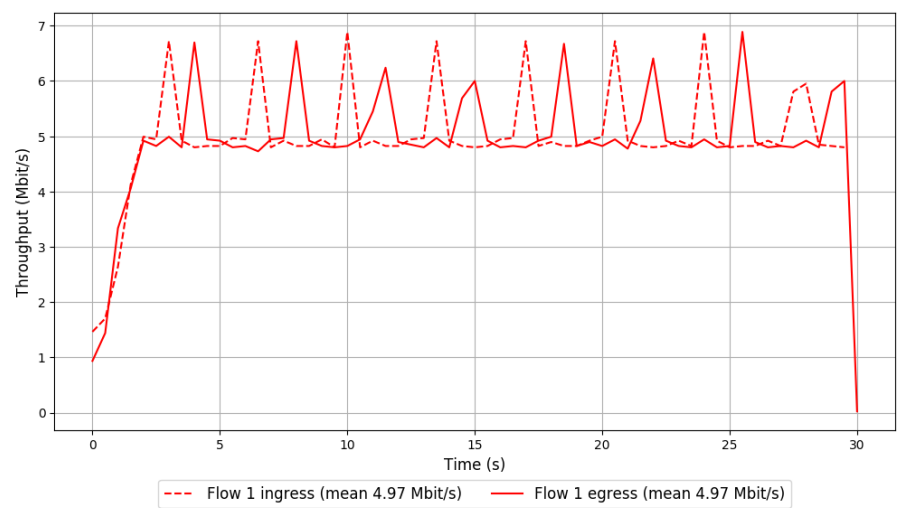
-- Flow 1:

Average throughput: 4.97 Mbit/s

95th percentile per-packet one-way delay: 99.355 ms

Loss rate: 0.11%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 05:38:55 +0000

End at: Sun, 09 Jul 2017 05:39:25 +0000

Local clock offset: 2.944 ms

Remote clock offset: 0.354 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.85 Mbit/s

95th percentile per-packet one-way delay: 103.239 ms

Loss rate: 0.70%

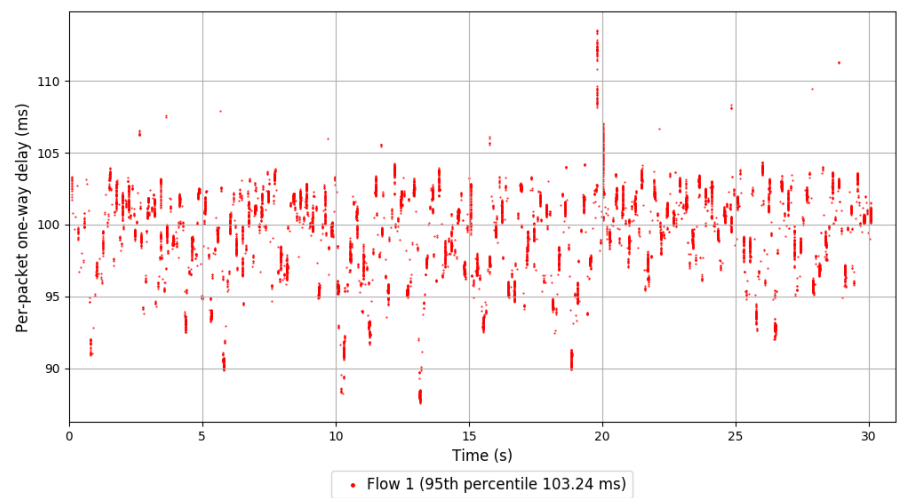
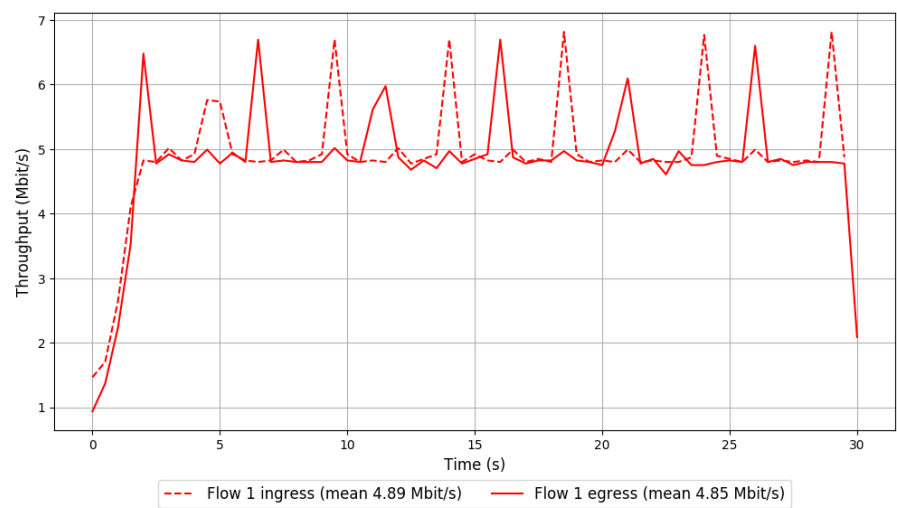
-- Flow 1:

Average throughput: 4.85 Mbit/s

95th percentile per-packet one-way delay: 103.239 ms

Loss rate: 0.70%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sun, 09 Jul 2017 05:57:00 +0000

End at: Sun, 09 Jul 2017 05:57:30 +0000

Local clock offset: 3.117 ms

Remote clock offset: -0.004 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.37 Mbit/s

95th percentile per-packet one-way delay: 102.248 ms

Loss rate: 1.71%

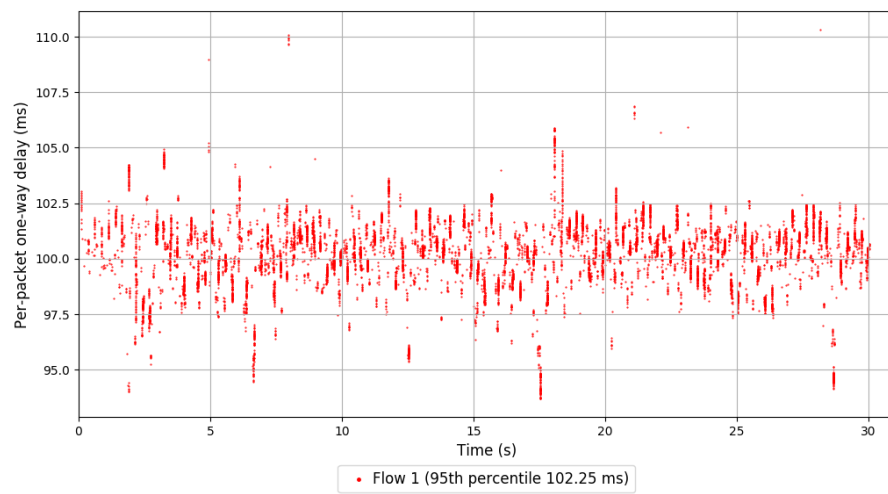
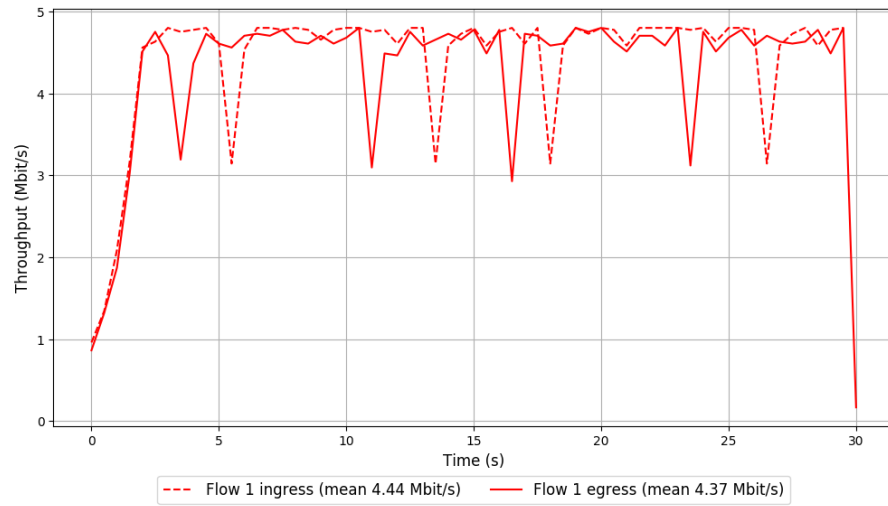
-- Flow 1:

Average throughput: 4.37 Mbit/s

95th percentile per-packet one-way delay: 102.248 ms

Loss rate: 1.71%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 02:58:31 +0000

End at: Sun, 09 Jul 2017 02:59:01 +0000

Local clock offset: 1.25 ms

Remote clock offset: 0.559 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.42 Mbit/s

95th percentile per-packet one-way delay: 84.092 ms

Loss rate: 0.00%

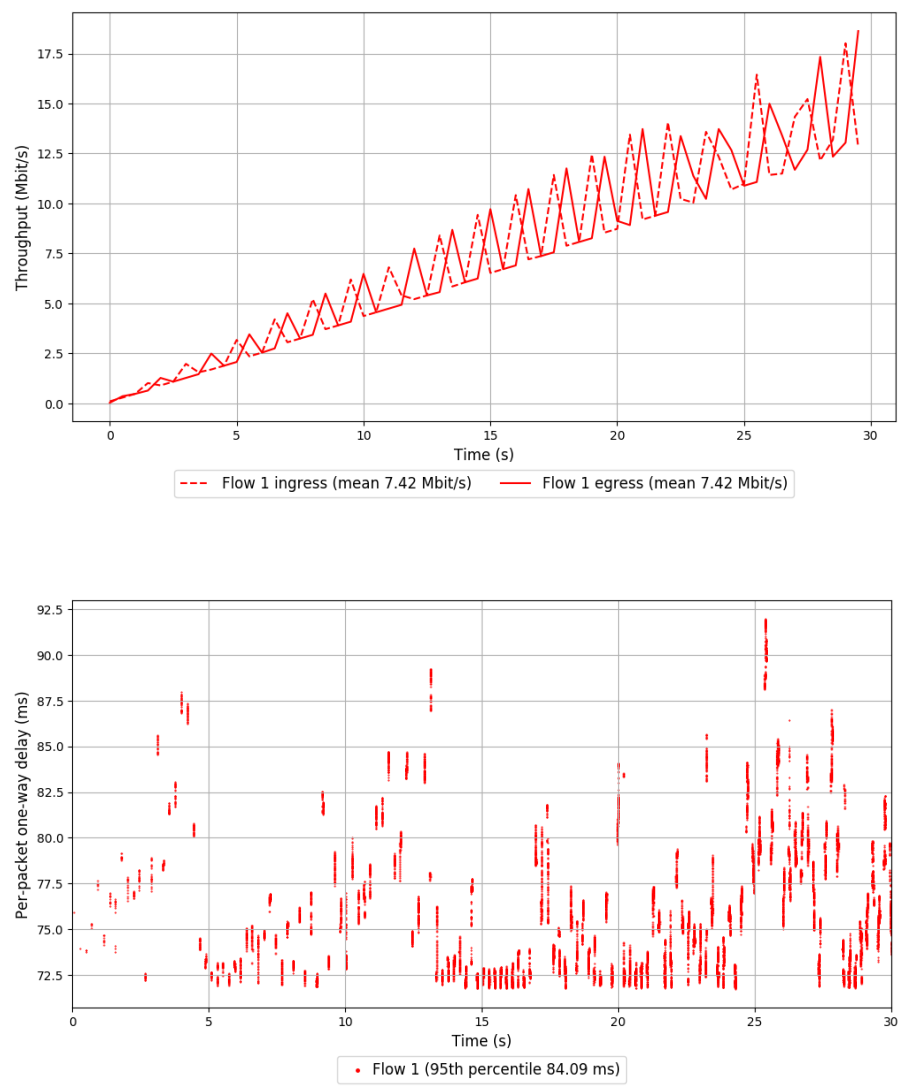
-- Flow 1:

Average throughput: 7.42 Mbit/s

95th percentile per-packet one-way delay: 84.092 ms

Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 03:16:35 +0000

End at: Sun, 09 Jul 2017 03:17:05 +0000

Local clock offset: 2.774 ms

Remote clock offset: 1.074 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.91 Mbit/s

95th percentile per-packet one-way delay: 87.456 ms

Loss rate: 0.09%

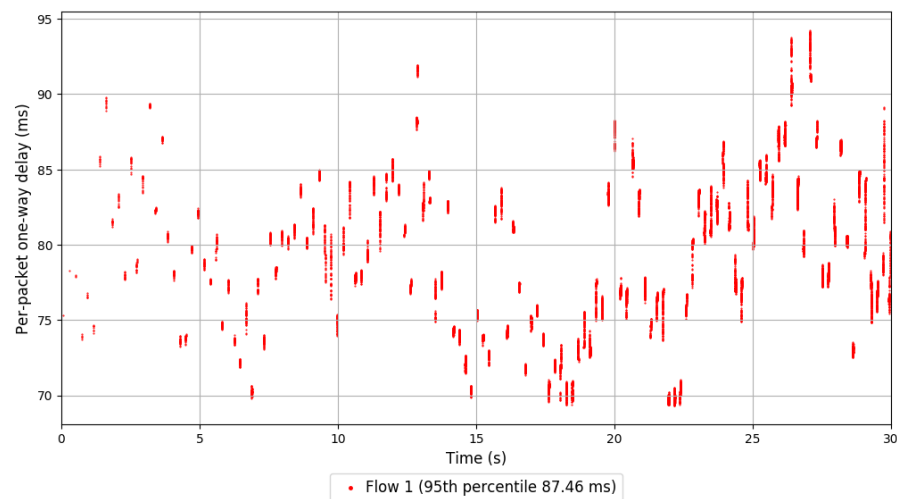
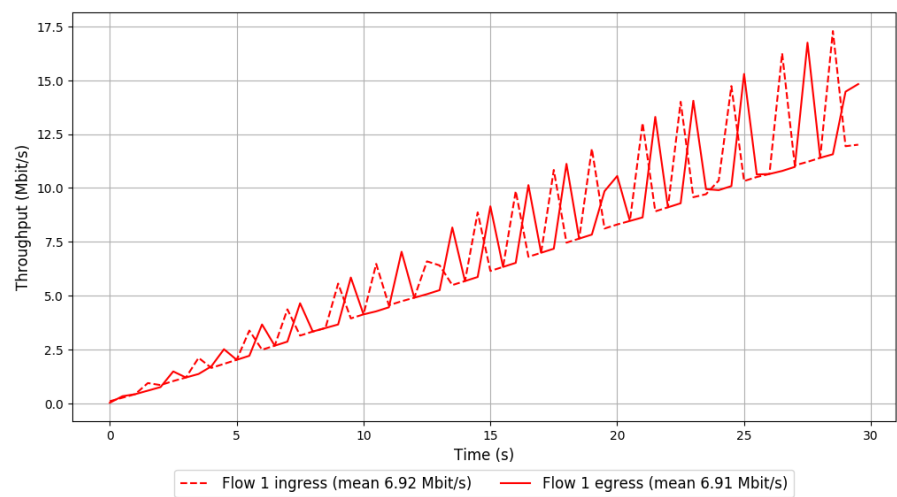
-- Flow 1:

Average throughput: 6.91 Mbit/s

95th percentile per-packet one-way delay: 87.456 ms

Loss rate: 0.09%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

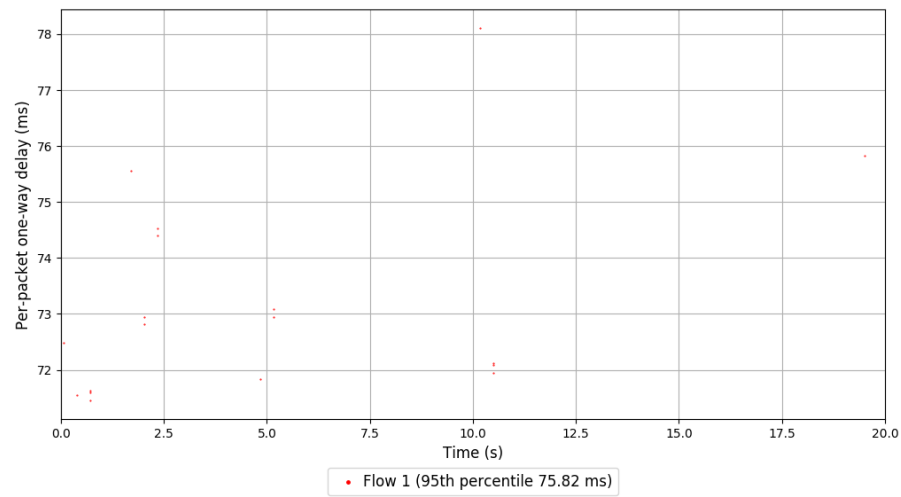
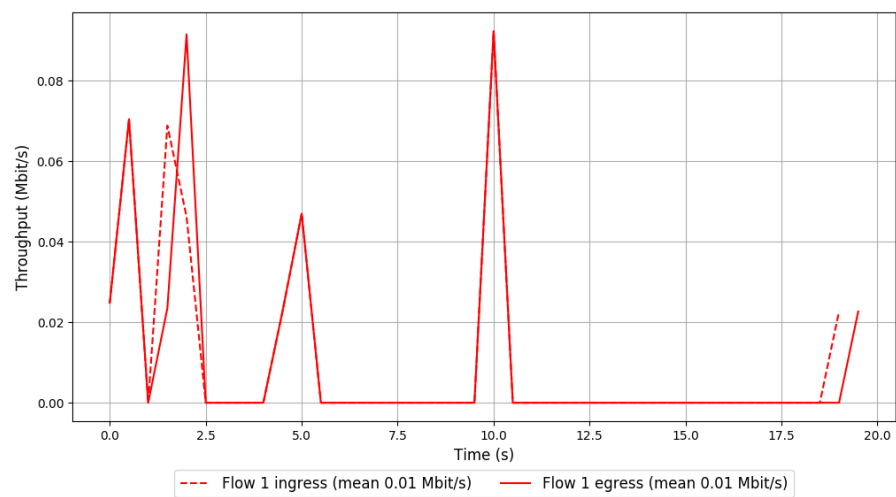
Start at: Sun, 09 Jul 2017 03:34:39 +0000

End at: Sun, 09 Jul 2017 03:35:09 +0000

Local clock offset: 2.986 ms

Remote clock offset: -7.645 ms

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 03:54:56 +0000

End at: Sun, 09 Jul 2017 03:55:26 +0000

Local clock offset: 2.79 ms

Remote clock offset: 1.883 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 94.077 ms

Loss rate: 0.14%

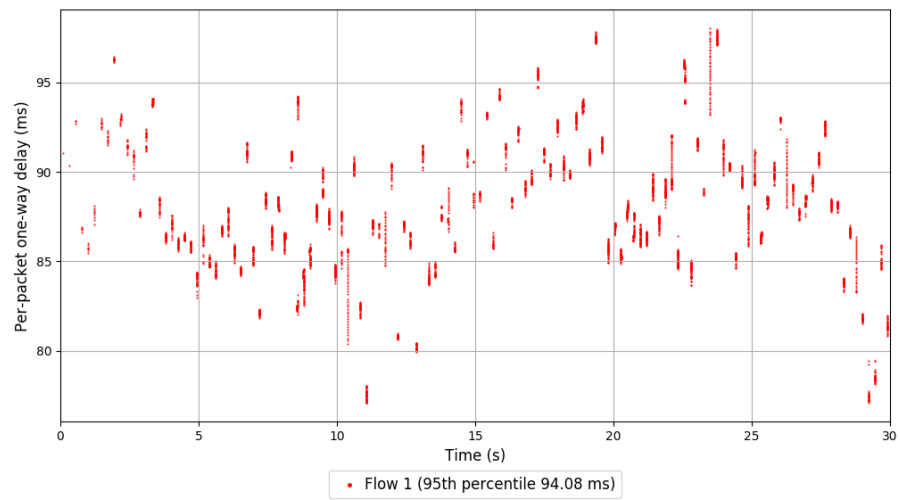
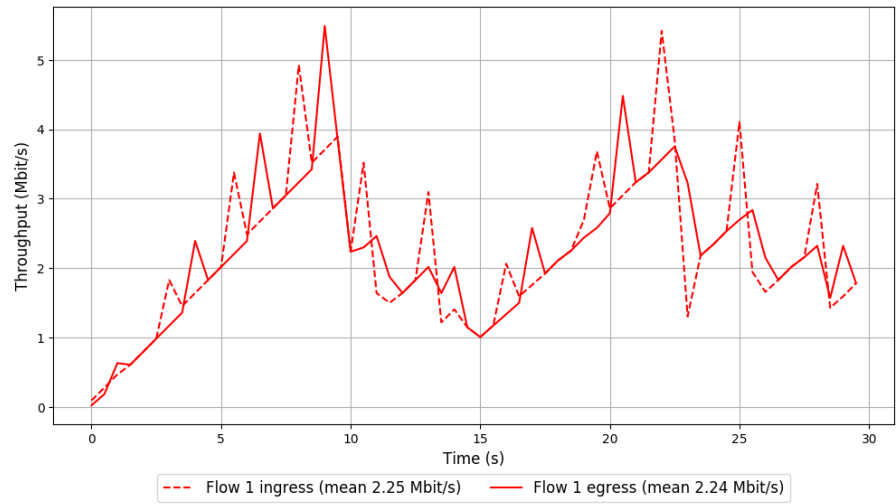
-- Flow 1:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 94.077 ms

Loss rate: 0.14%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 04:13:04 +0000

End at: Sun, 09 Jul 2017 04:13:34 +0000

Local clock offset: 2.064 ms

Remote clock offset: 1.708 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 101.114 ms

Loss rate: 0.78%

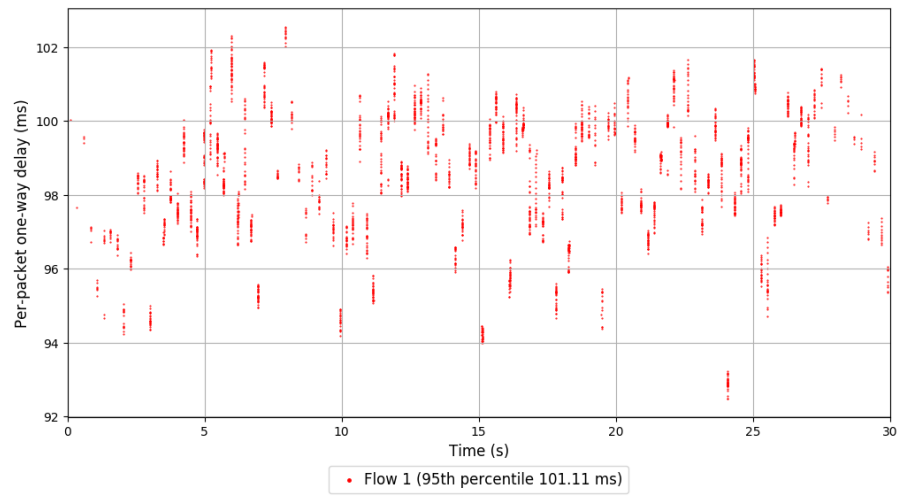
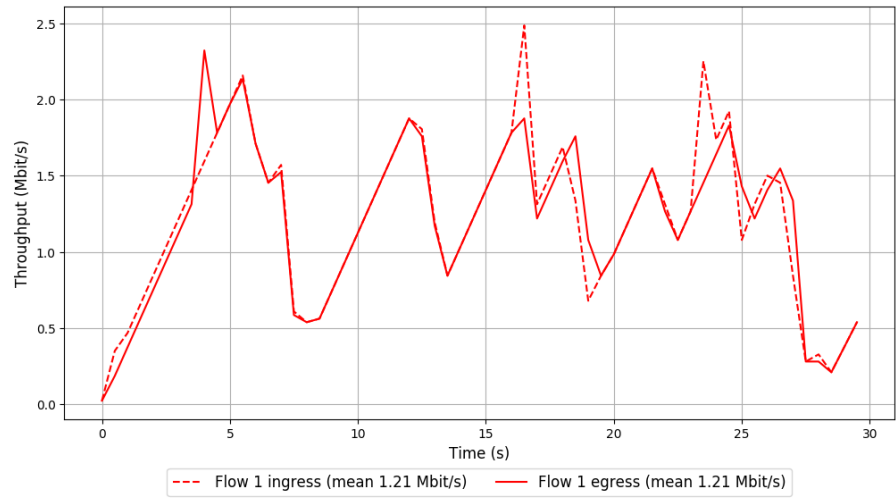
-- Flow 1:

Average throughput: 1.21 Mbit/s

95th percentile per-packet one-way delay: 101.114 ms

Loss rate: 0.78%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 04:31:06 +0000

End at: Sun, 09 Jul 2017 04:31:36 +0000

Local clock offset: 2.222 ms

Remote clock offset: 1.523 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.80 Mbit/s

95th percentile per-packet one-way delay: 100.005 ms

Loss rate: 1.70%

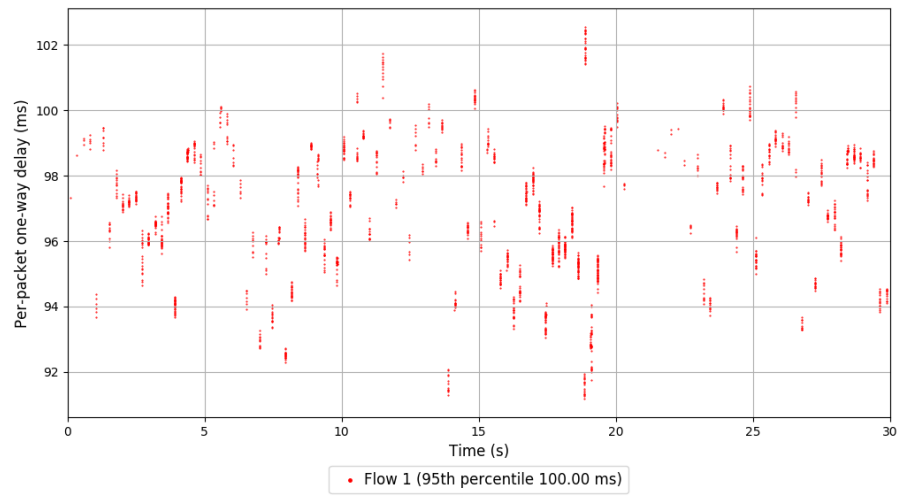
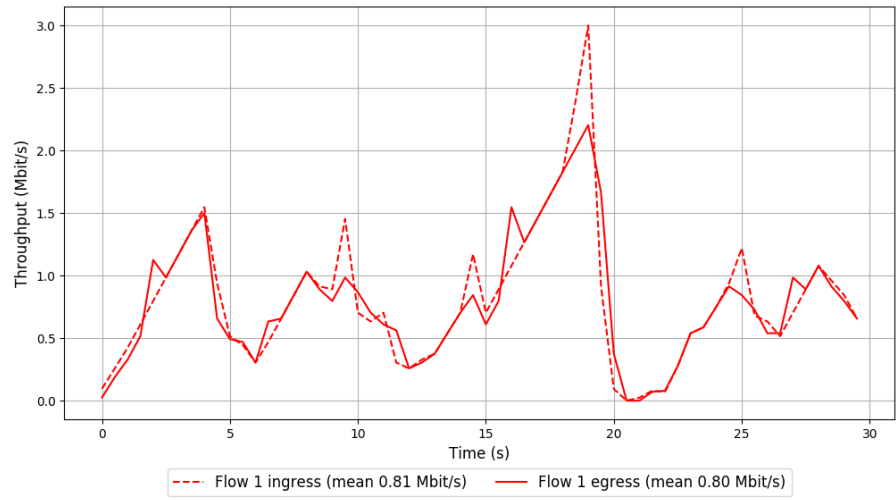
-- Flow 1:

Average throughput: 0.80 Mbit/s

95th percentile per-packet one-way delay: 100.005 ms

Loss rate: 1.70%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 04:49:15 +0000

End at: Sun, 09 Jul 2017 04:49:45 +0000

Local clock offset: 2.38 ms

Remote clock offset: 1.044 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.60 Mbit/s

95th percentile per-packet one-way delay: 94.862 ms

Loss rate: 0.36%

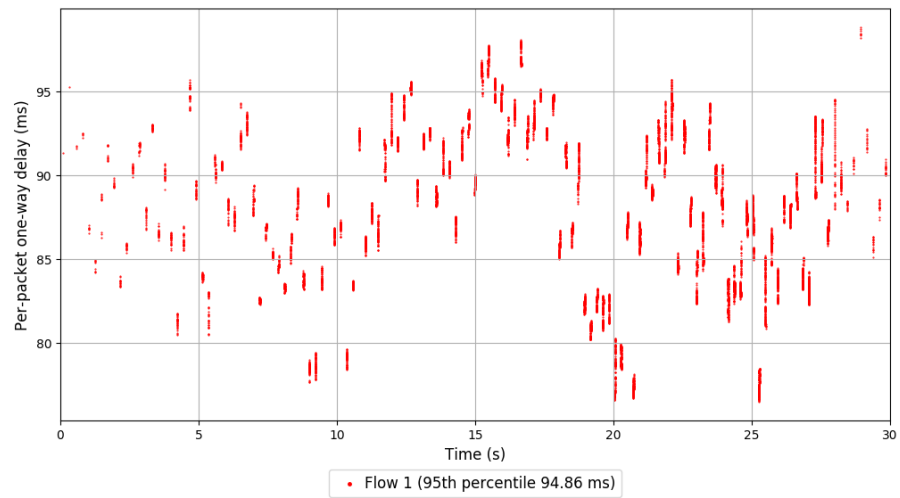
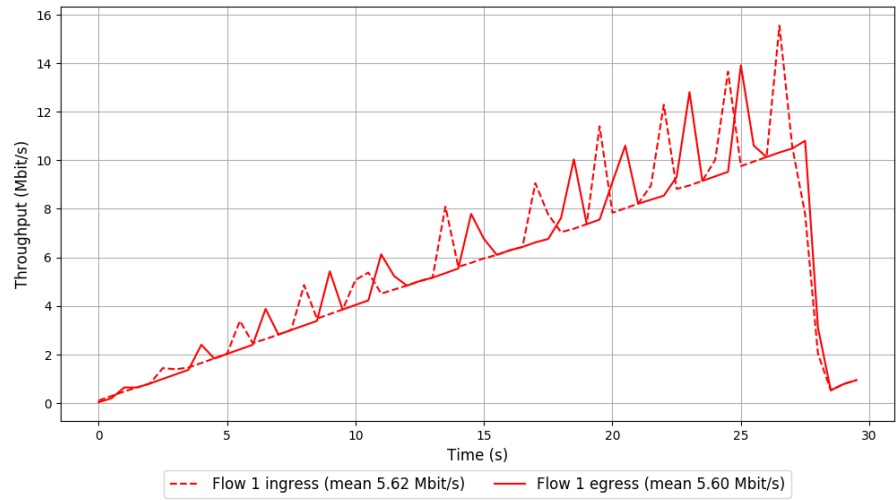
-- Flow 1:

Average throughput: 5.60 Mbit/s

95th percentile per-packet one-way delay: 94.862 ms

Loss rate: 0.36%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 05:07:21 +0000

End at: Sun, 09 Jul 2017 05:07:51 +0000

Local clock offset: 2.568 ms

Remote clock offset: 0.729 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.52 Mbit/s

95th percentile per-packet one-way delay: 98.808 ms

Loss rate: 0.08%

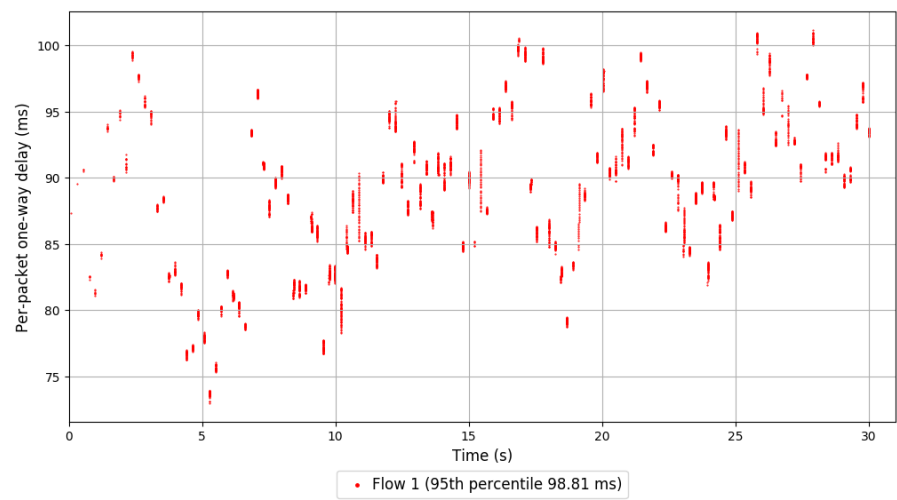
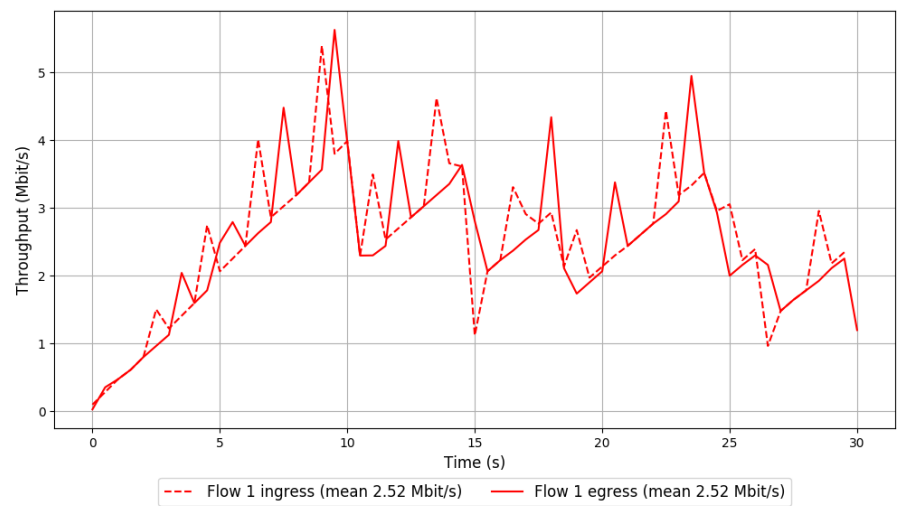
-- Flow 1:

Average throughput: 2.52 Mbit/s

95th percentile per-packet one-way delay: 98.808 ms

Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 05:25:25 +0000

End at: Sun, 09 Jul 2017 05:25:55 +0000

Local clock offset: 2.781 ms

Remote clock offset: 0.477 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.98 Mbit/s

95th percentile per-packet one-way delay: 103.194 ms

Loss rate: 0.83%

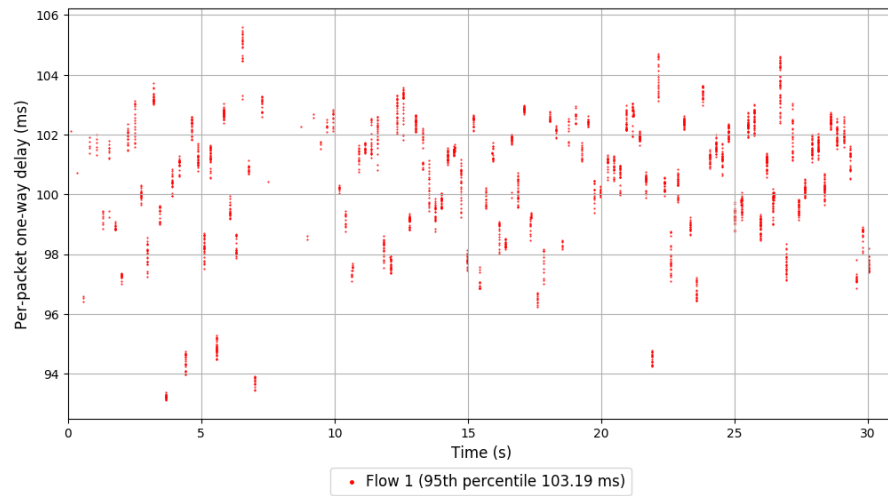
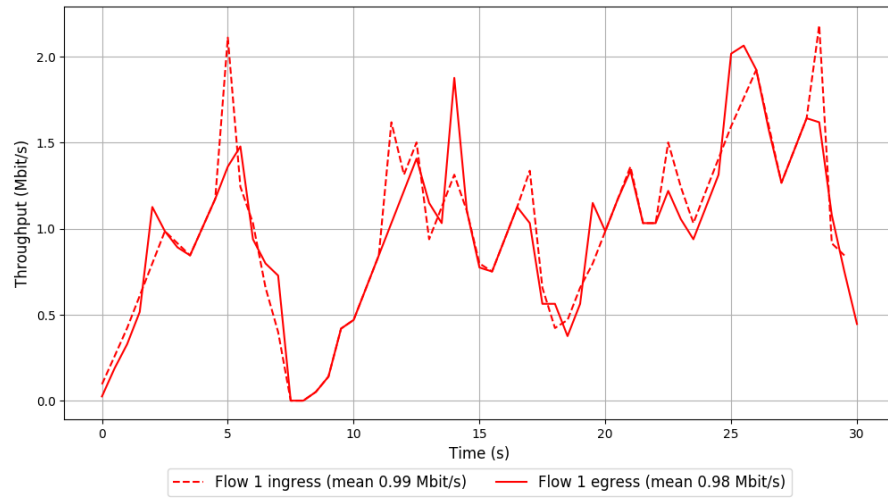
-- Flow 1:

Average throughput: 0.98 Mbit/s

95th percentile per-packet one-way delay: 103.194 ms

Loss rate: 0.83%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sun, 09 Jul 2017 05:43:43 +0000

End at: Sun, 09 Jul 2017 05:44:13 +0000

Local clock offset: 4.428 ms

Remote clock offset: 0.277 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.62 Mbit/s

95th percentile per-packet one-way delay: 102.171 ms

Loss rate: 1.80%

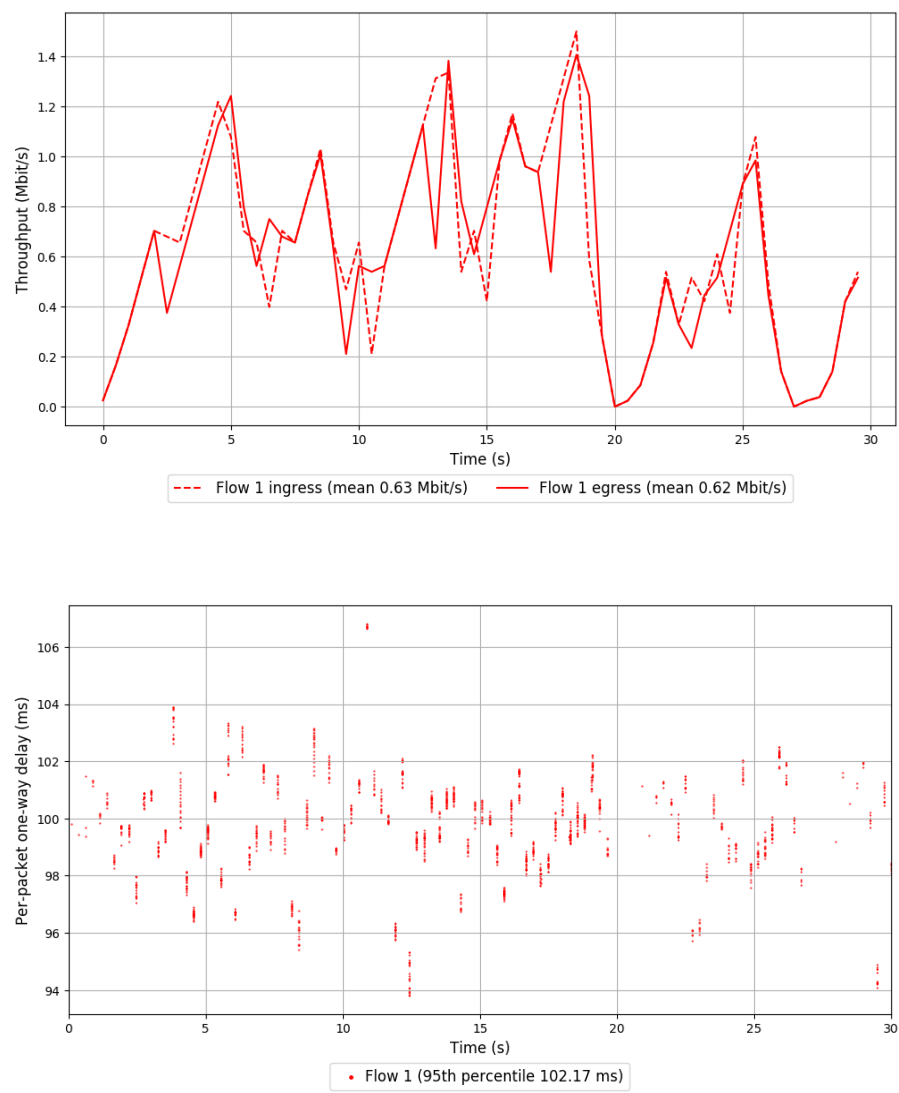
-- Flow 1:

Average throughput: 0.62 Mbit/s

95th percentile per-packet one-way delay: 102.171 ms

Loss rate: 1.80%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 09 Jul 2017 03:14:11 +0000

End at: Sun, 09 Jul 2017 03:14:41 +0000

Local clock offset: 1.388 ms

Remote clock offset: 0.99 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.28 Mbit/s

95th percentile per-packet one-way delay: 83.877 ms

Loss rate: 2.39%

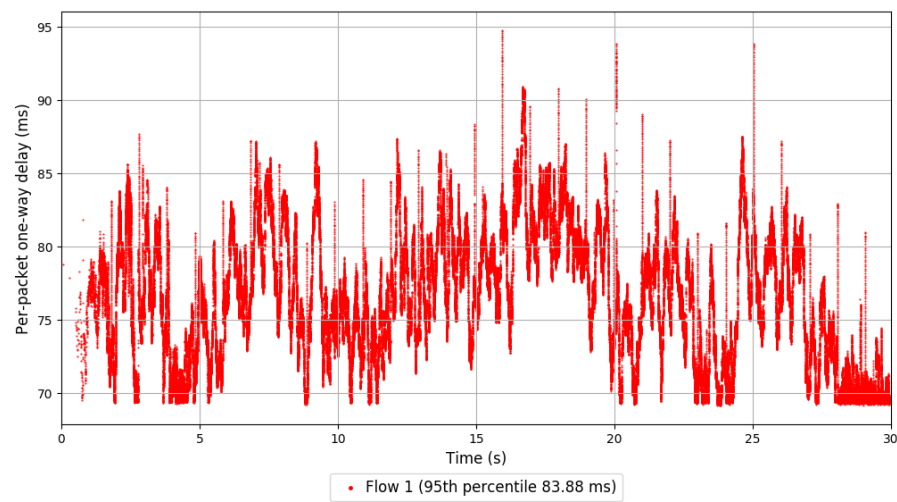
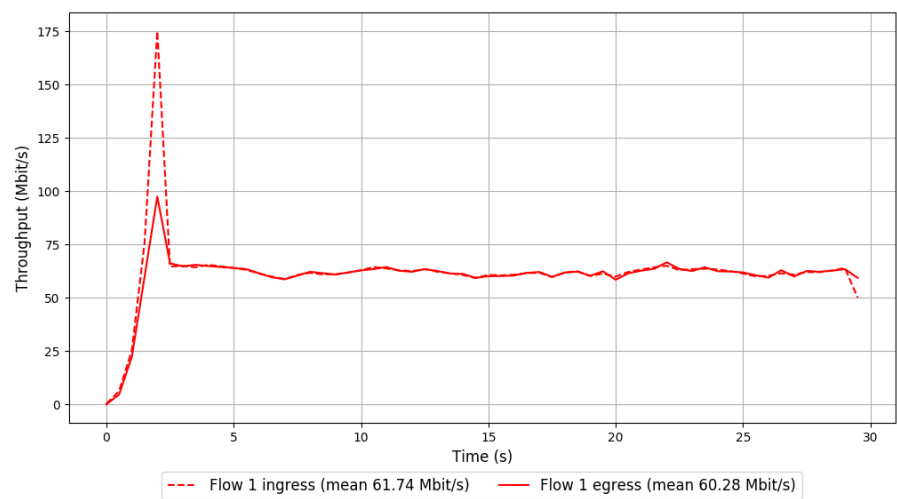
-- Flow 1:

Average throughput: 60.28 Mbit/s

95th percentile per-packet one-way delay: 83.877 ms

Loss rate: 2.39%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 09 Jul 2017 03:32:12 +0000

End at: Sun, 09 Jul 2017 03:32:42 +0000

Local clock offset: 1.598 ms

Remote clock offset: 1.437 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.41 Mbit/s

95th percentile per-packet one-way delay: 93.506 ms

Loss rate: 2.66%

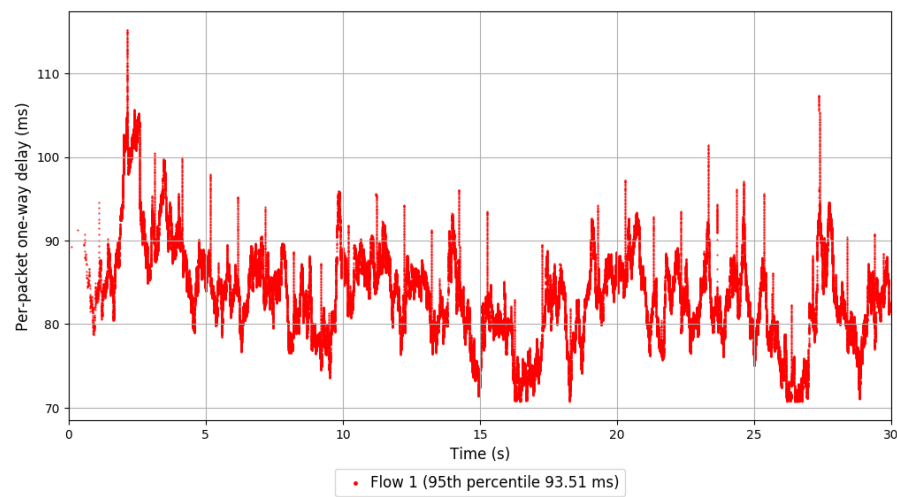
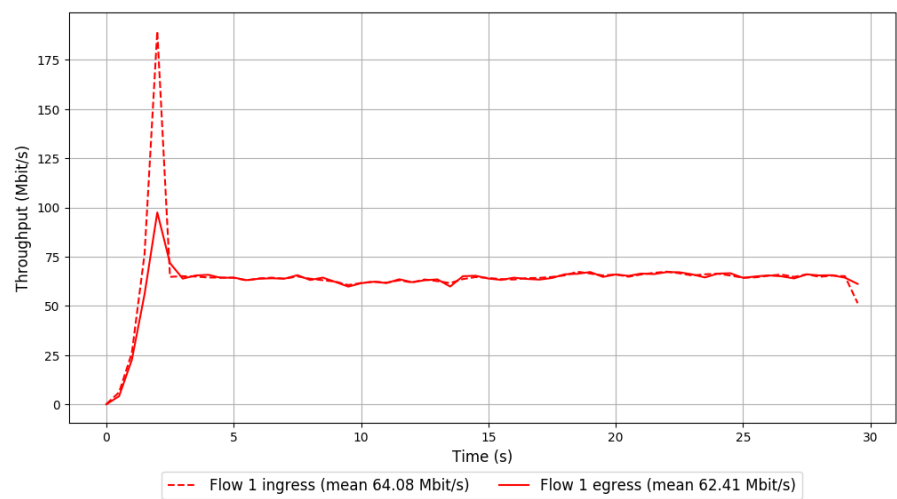
-- Flow 1:

Average throughput: 62.41 Mbit/s

95th percentile per-packet one-way delay: 93.506 ms

Loss rate: 2.66%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sun, 09 Jul 2017 03:52:32 +0000

End at: Sun, 09 Jul 2017 03:53:02 +0000

Local clock offset: 1.676 ms

Remote clock offset: 1.985 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.50 Mbit/s

95th percentile per-packet one-way delay: 85.488 ms

Loss rate: 2.61%

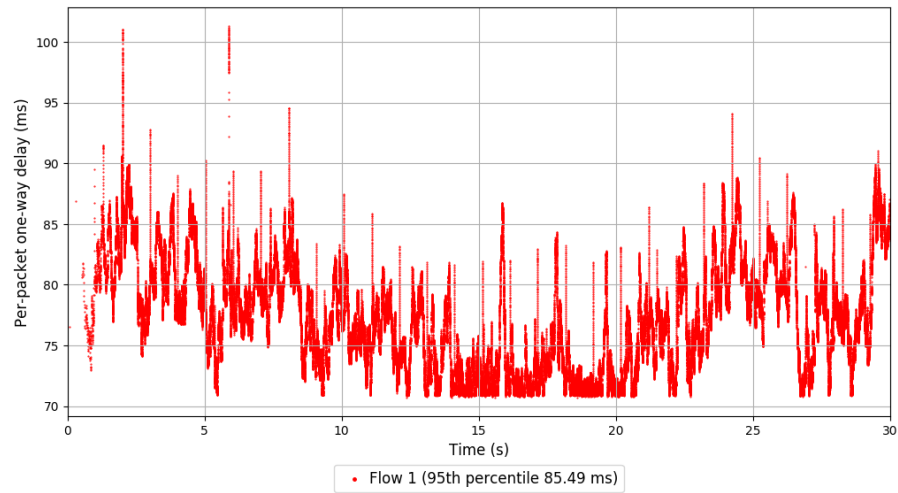
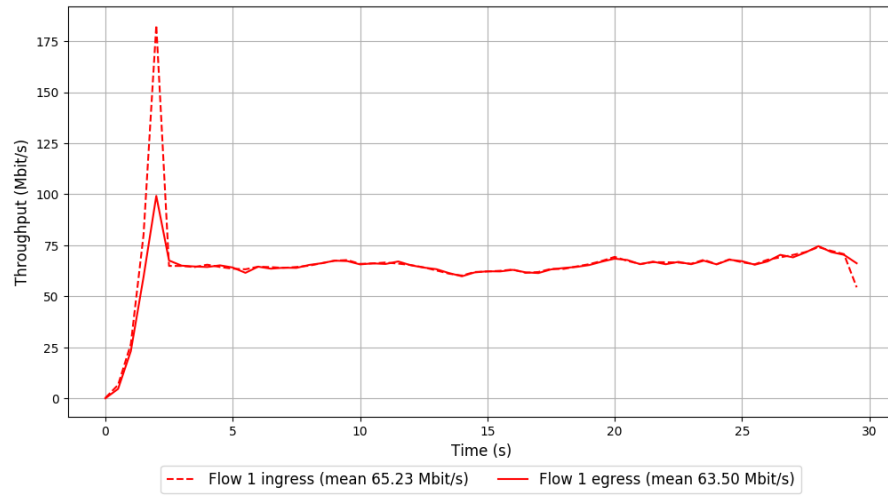
-- Flow 1:

Average throughput: 63.50 Mbit/s

95th percentile per-packet one-way delay: 85.488 ms

Loss rate: 2.61%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 09 Jul 2017 04:10:35 +0000

End at: Sun, 09 Jul 2017 04:11:05 +0000

Local clock offset: 1.947 ms

Remote clock offset: 1.753 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:15:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.44 Mbit/s

95th percentile per-packet one-way delay: 100.244 ms

Loss rate: 2.76%

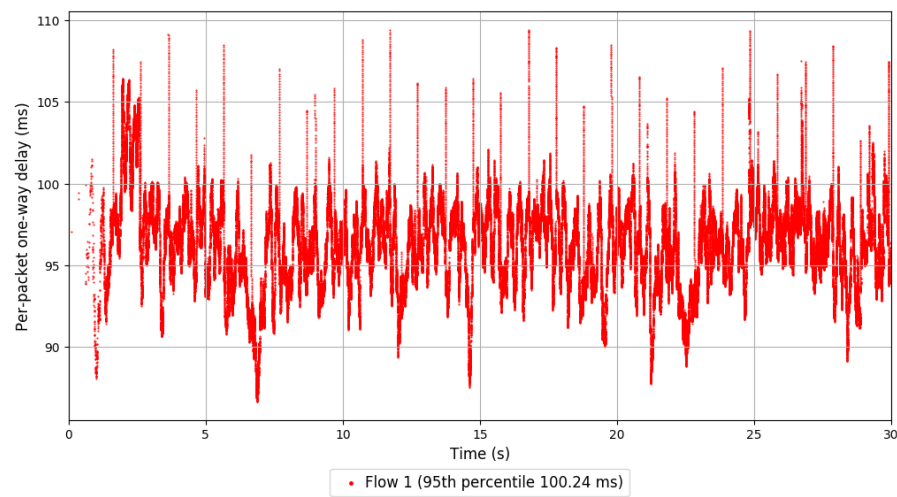
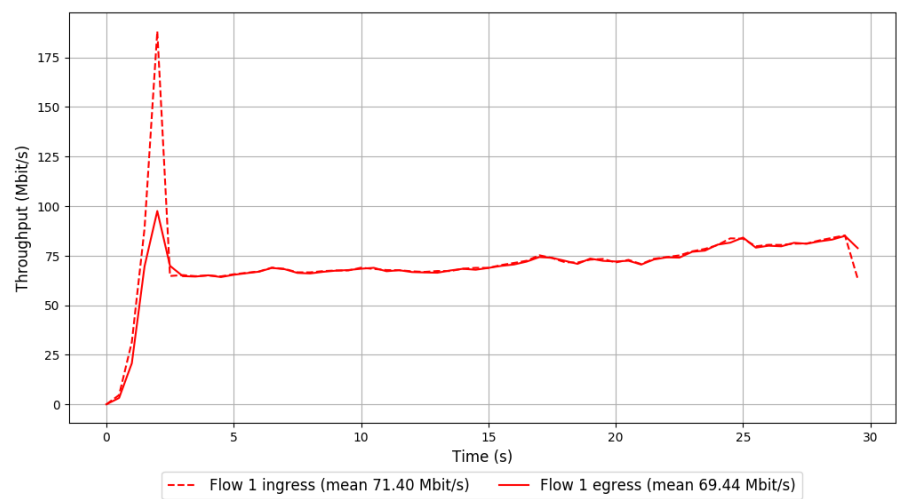
-- Flow 1:

Average throughput: 69.44 Mbit/s

95th percentile per-packet one-way delay: 100.244 ms

Loss rate: 2.76%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 09 Jul 2017 04:28:42 +0000

End at: Sun, 09 Jul 2017 04:29:12 +0000

Local clock offset: 3.574 ms

Remote clock offset: 1.588 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.43 Mbit/s

95th percentile per-packet one-way delay: 99.152 ms

Loss rate: 3.15%

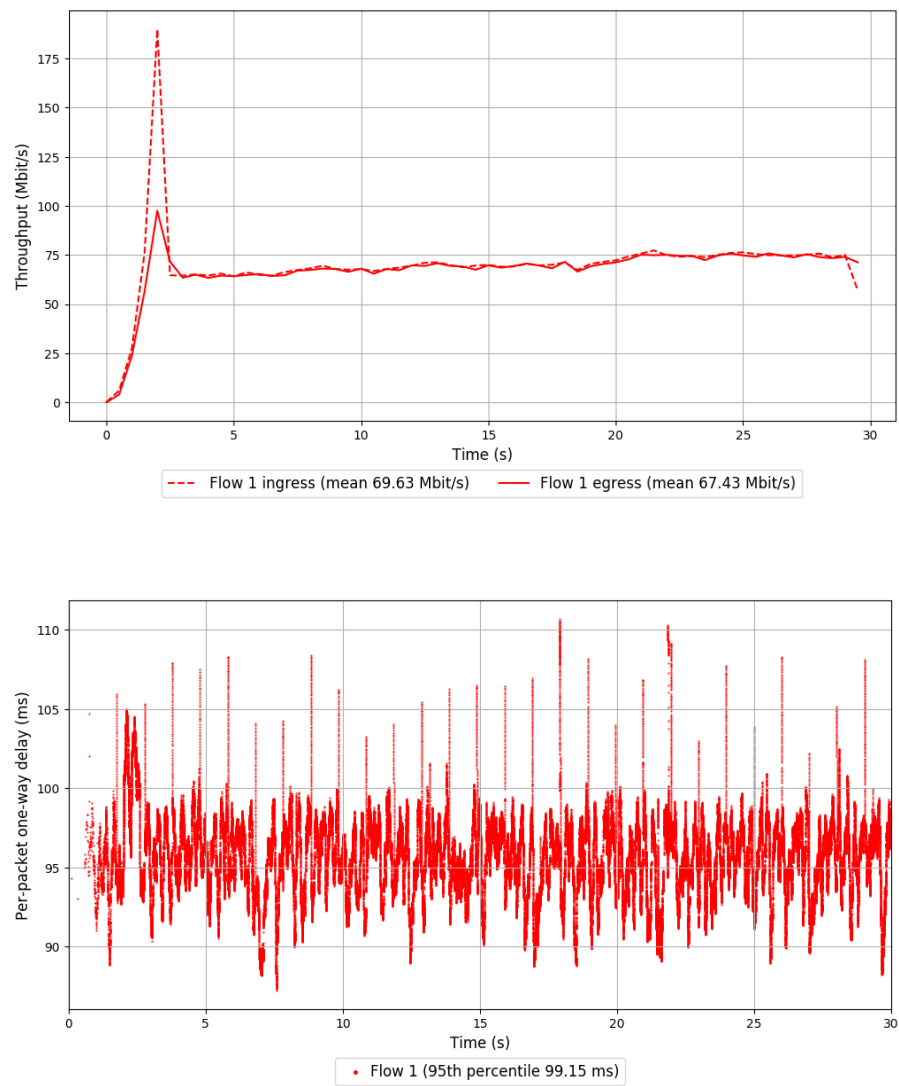
-- Flow 1:

Average throughput: 67.43 Mbit/s

95th percentile per-packet one-way delay: 99.152 ms

Loss rate: 3.15%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sun, 09 Jul 2017 04:46:51 +0000

End at: Sun, 09 Jul 2017 04:47:21 +0000

Local clock offset: 3.761 ms

Remote clock offset: 1.155 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.71 Mbit/s

95th percentile per-packet one-way delay: 101.994 ms

Loss rate: 3.23%

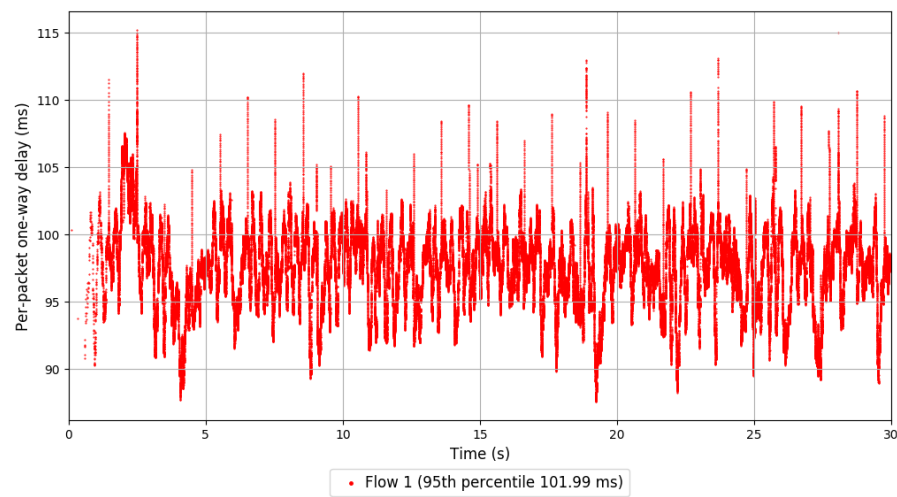
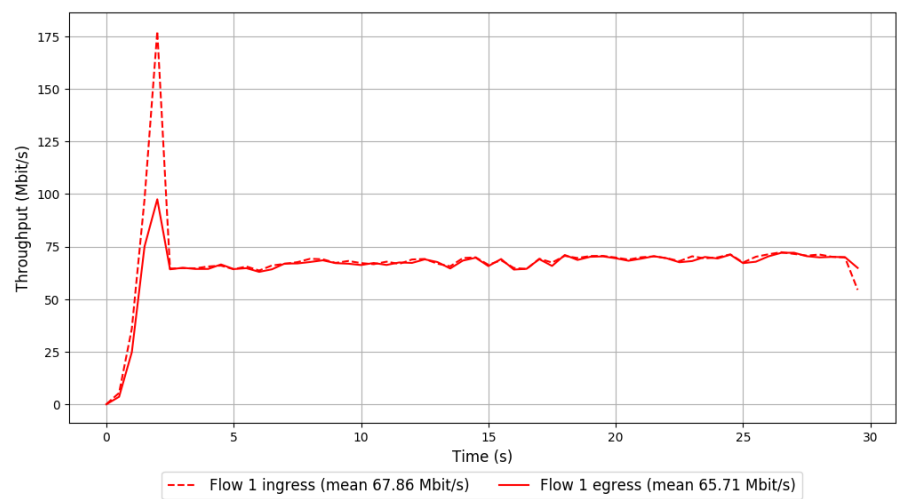
-- Flow 1:

Average throughput: 65.71 Mbit/s

95th percentile per-packet one-way delay: 101.994 ms

Loss rate: 3.23%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sun, 09 Jul 2017 05:04:56 +0000

End at: Sun, 09 Jul 2017 05:05:26 +0000

Local clock offset: 2.542 ms

Remote clock offset: 0.747 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.99 Mbit/s

95th percentile per-packet one-way delay: 100.024 ms

Loss rate: 2.61%

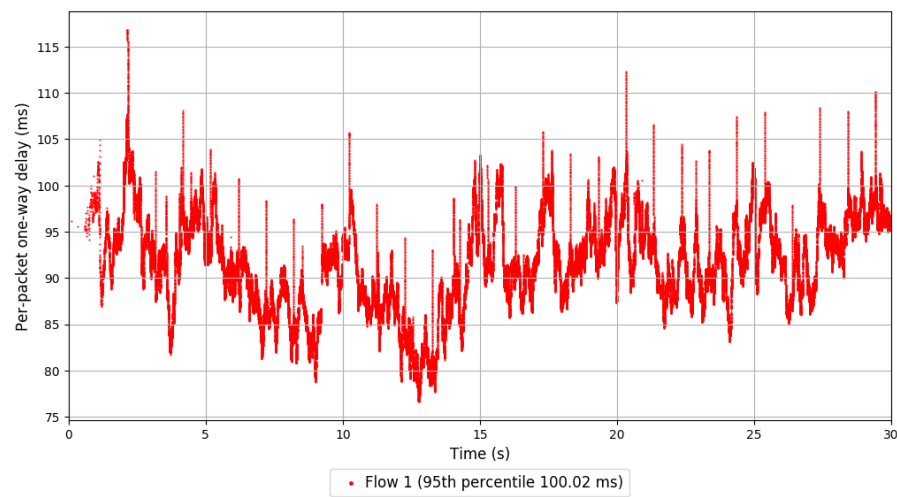
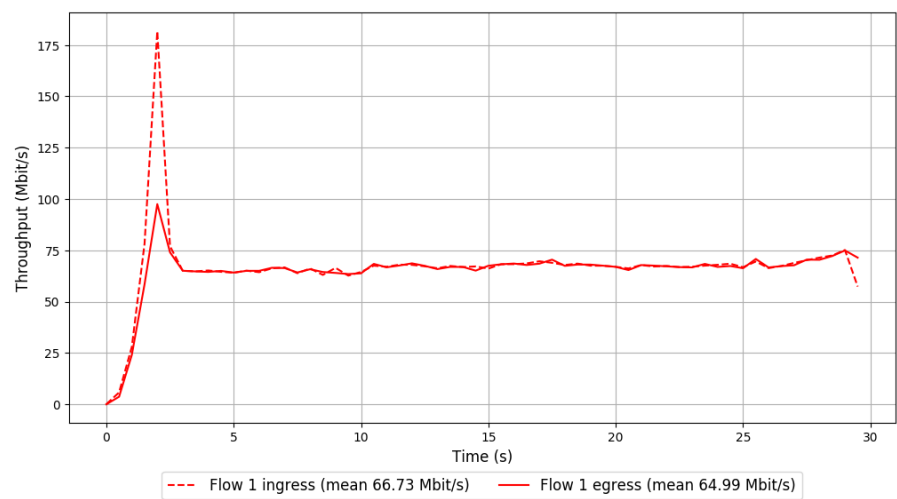
-- Flow 1:

Average throughput: 64.99 Mbit/s

95th percentile per-packet one-way delay: 100.024 ms

Loss rate: 2.61%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sun, 09 Jul 2017 05:22:56 +0000

End at: Sun, 09 Jul 2017 05:23:26 +0000

Local clock offset: 4.023 ms

Remote clock offset: 0.496 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.72 Mbit/s

95th percentile per-packet one-way delay: 98.016 ms

Loss rate: 2.51%

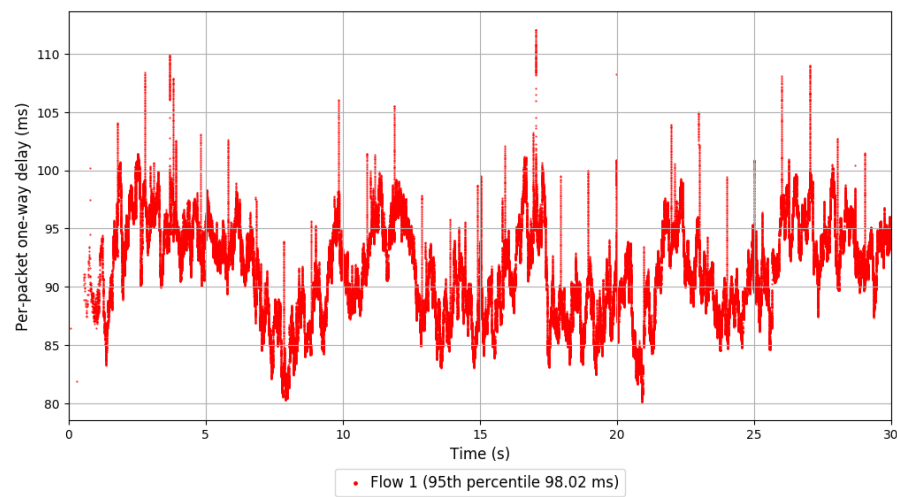
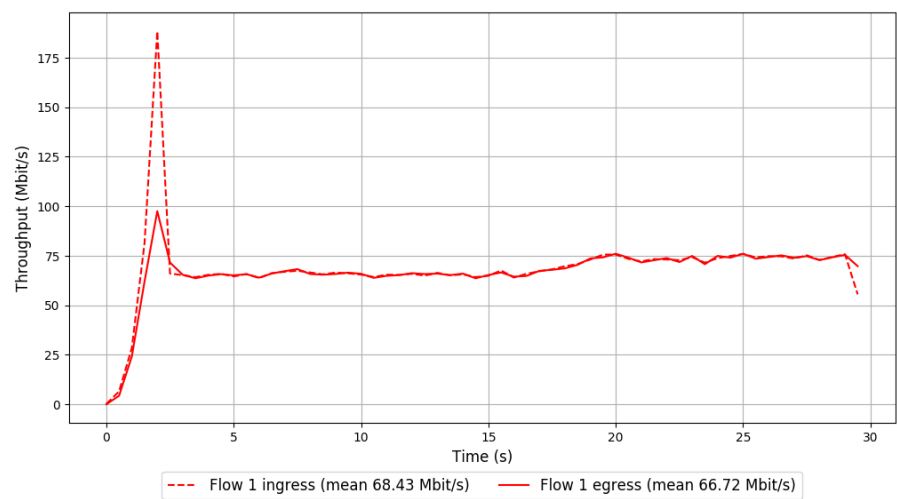
-- Flow 1:

Average throughput: 66.72 Mbit/s

95th percentile per-packet one-way delay: 98.016 ms

Loss rate: 2.51%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sun, 09 Jul 2017 05:41:18 +0000

End at: Sun, 09 Jul 2017 05:41:48 +0000

Local clock offset: 4.464 ms

Remote clock offset: 0.441 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.57 Mbit/s

95th percentile per-packet one-way delay: 103.770 ms

Loss rate: 3.38%

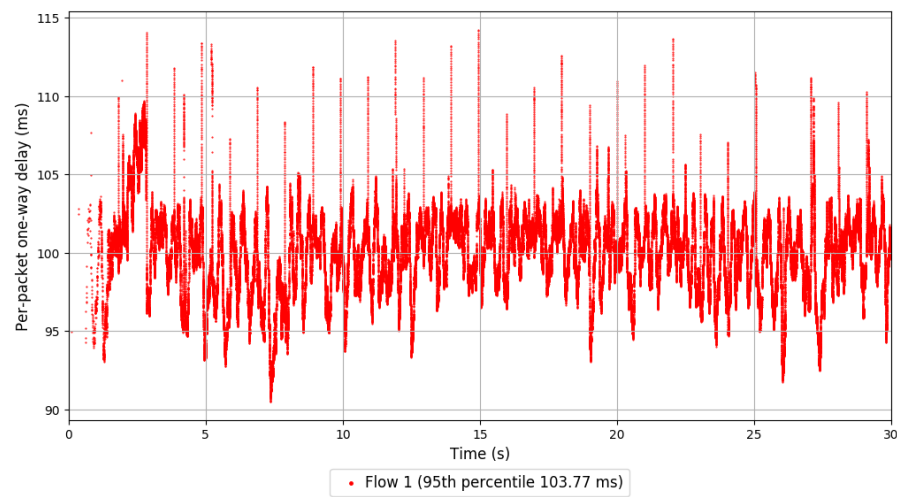
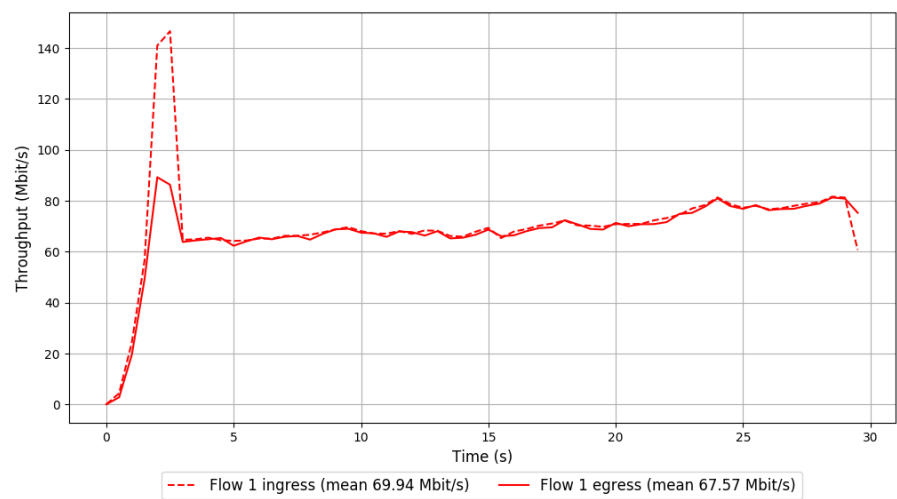
-- Flow 1:

Average throughput: 67.57 Mbit/s

95th percentile per-packet one-way delay: 103.770 ms

Loss rate: 3.38%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sun, 09 Jul 2017 05:59:24 +0000

End at: Sun, 09 Jul 2017 05:59:54 +0000

Local clock offset: 3.157 ms

Remote clock offset: -0.078 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.37 Mbit/s

95th percentile per-packet one-way delay: 103.731 ms

Loss rate: 3.58%

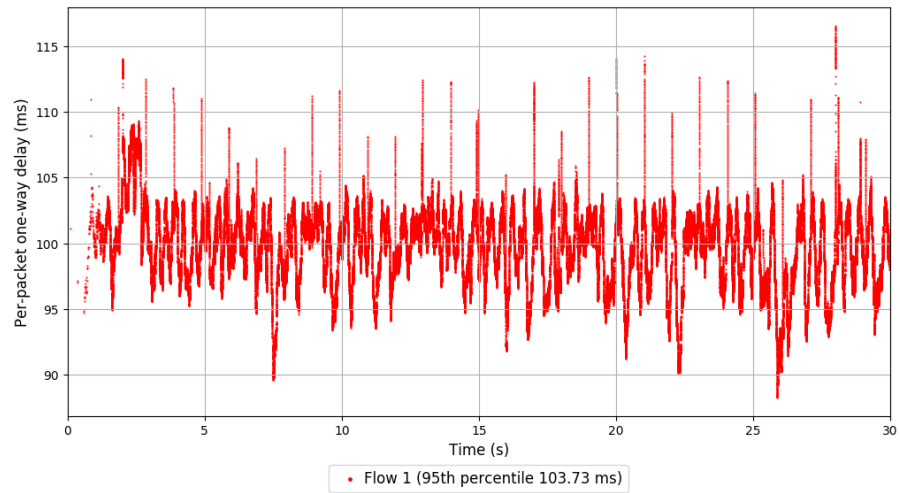
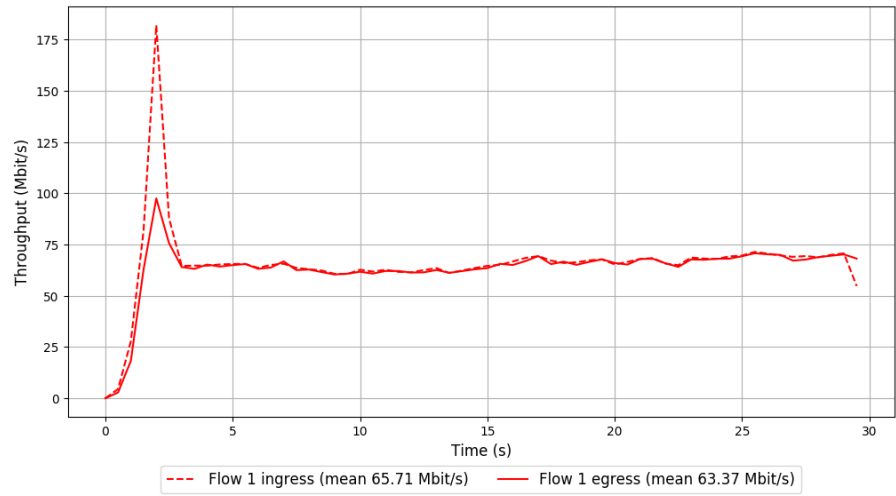
-- Flow 1:

Average throughput: 63.37 Mbit/s

95th percentile per-packet one-way delay: 103.731 ms

Loss rate: 3.58%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

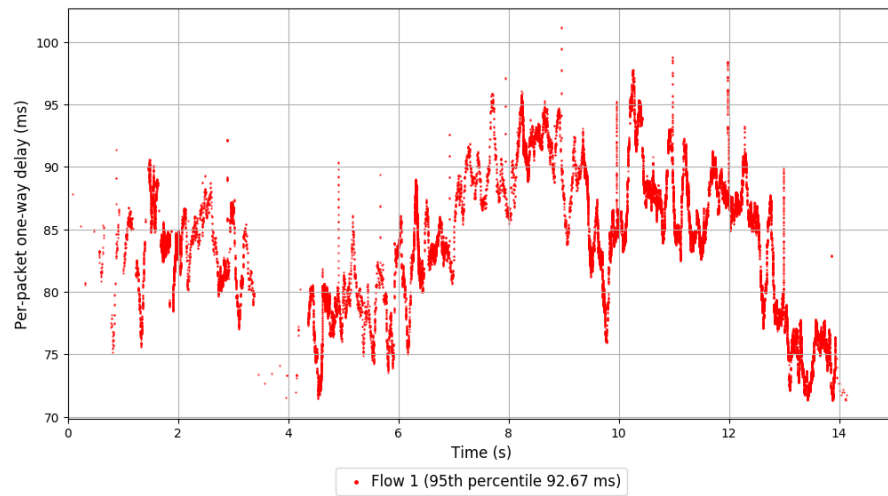
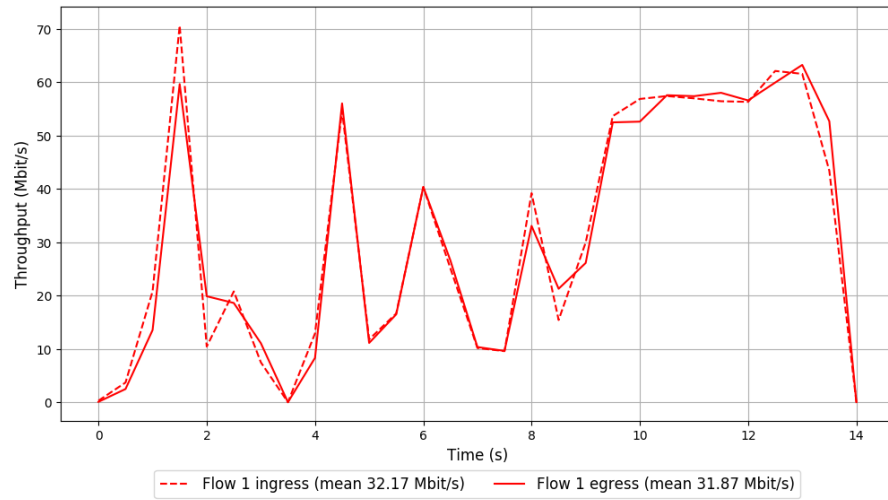
Start at: Sun, 09 Jul 2017 03:09:25 +0000

End at: Sun, 09 Jul 2017 03:09:55 +0000

Local clock offset: 2.396 ms

Remote clock offset: 0.868 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

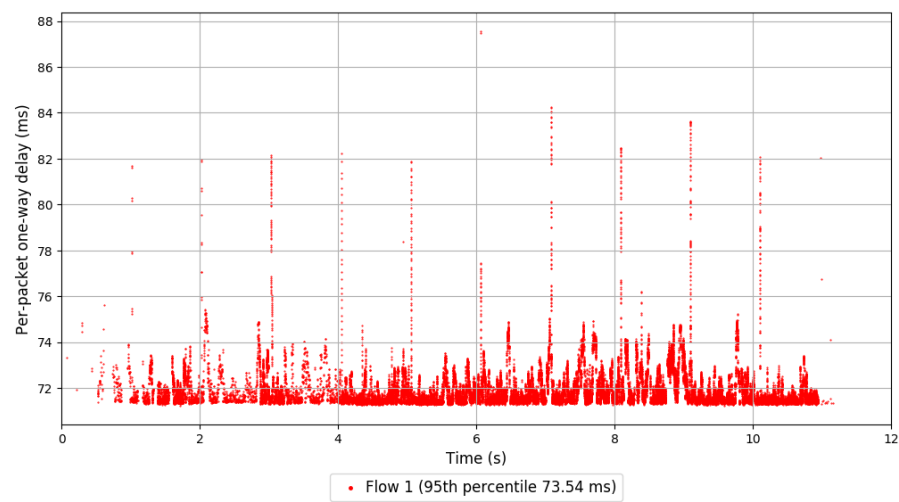
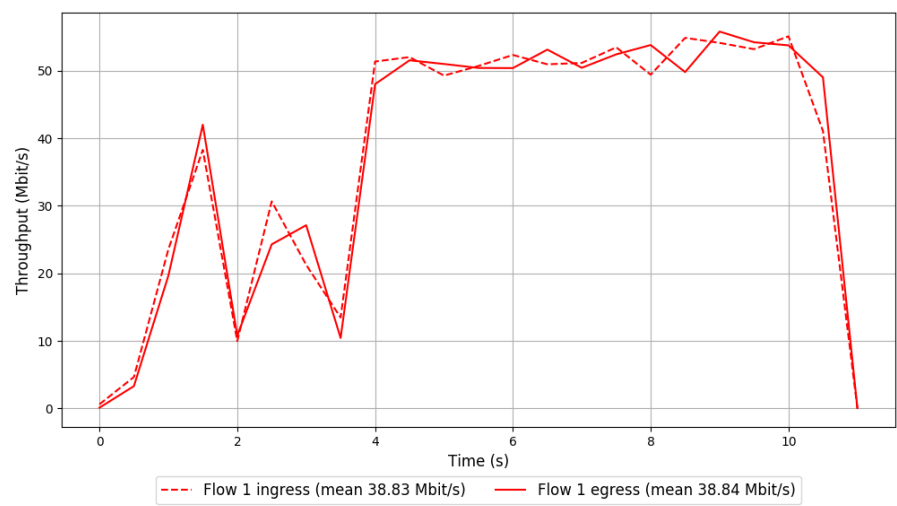
Start at: Sun, 09 Jul 2017 03:27:26 +0000

End at: Sun, 09 Jul 2017 03:27:56 +0000

Local clock offset: 1.526 ms

Remote clock offset: 1.294 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

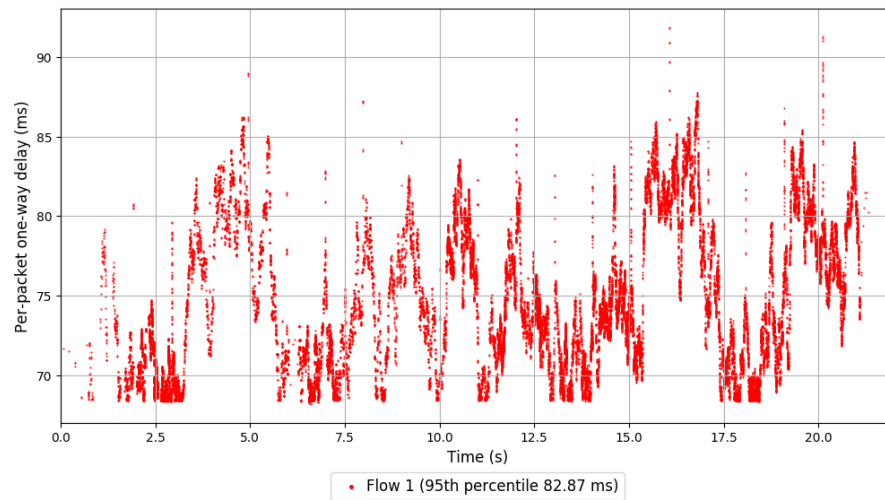
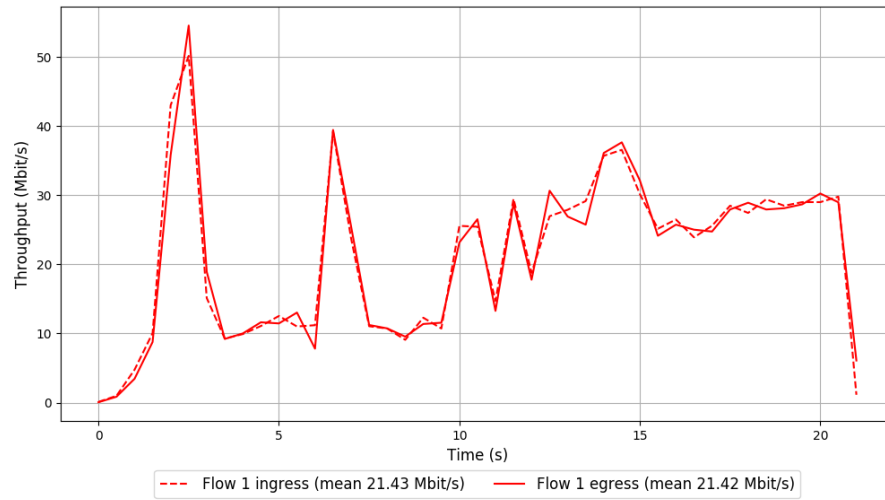
Start at: Sun, 09 Jul 2017 03:47:24 +0000

End at: Sun, 09 Jul 2017 03:47:54 +0000

Local clock offset: 1.517 ms

Remote clock offset: 1.953 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

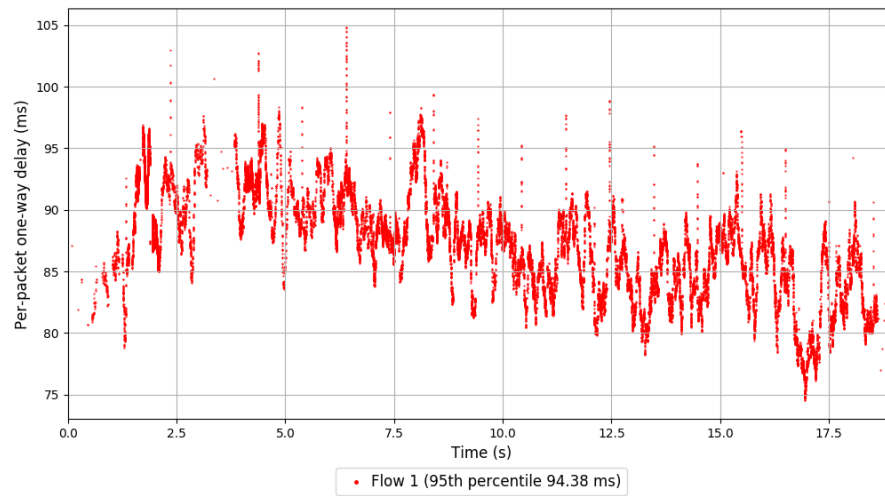
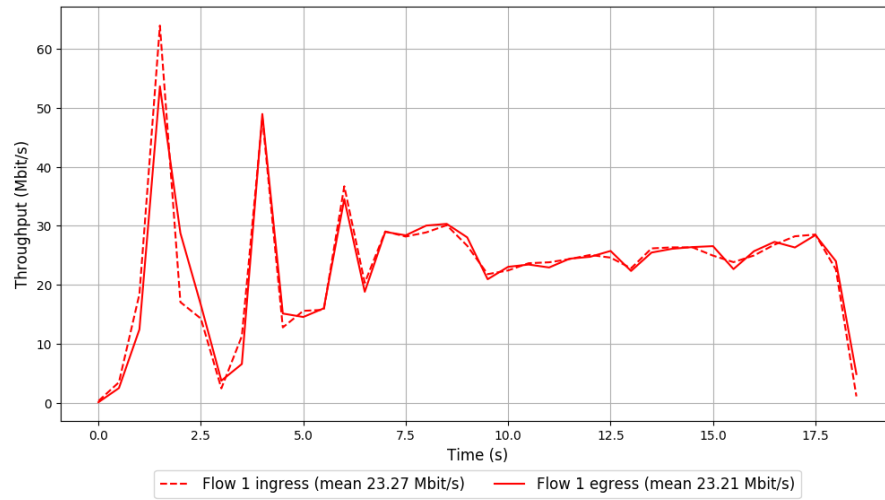
Start at: Sun, 09 Jul 2017 04:05:44 +0000

End at: Sun, 09 Jul 2017 04:06:14 +0000

Local clock offset: 1.784 ms

Remote clock offset: 1.765 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 04:23:57 +0000

End at: Sun, 09 Jul 2017 04:24:27 +0000

Local clock offset: 2.139 ms

Remote clock offset: 1.674 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: 100.558 ms

Loss rate: 0.91%

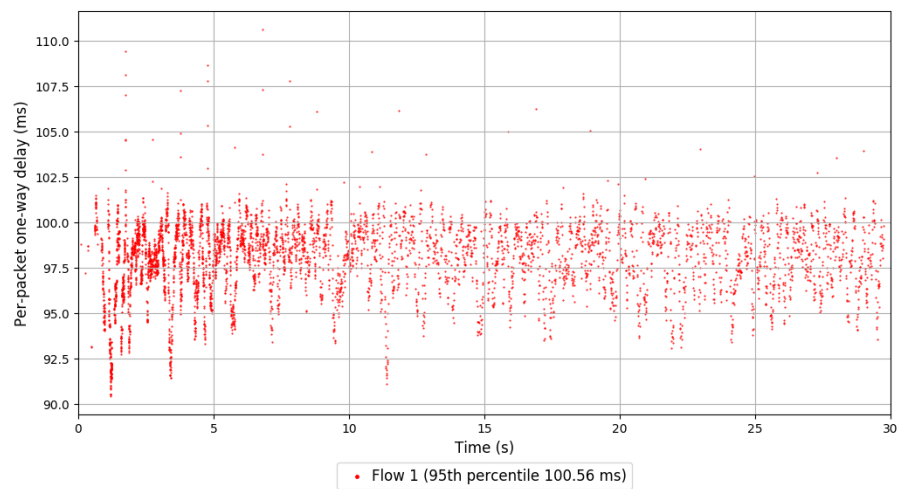
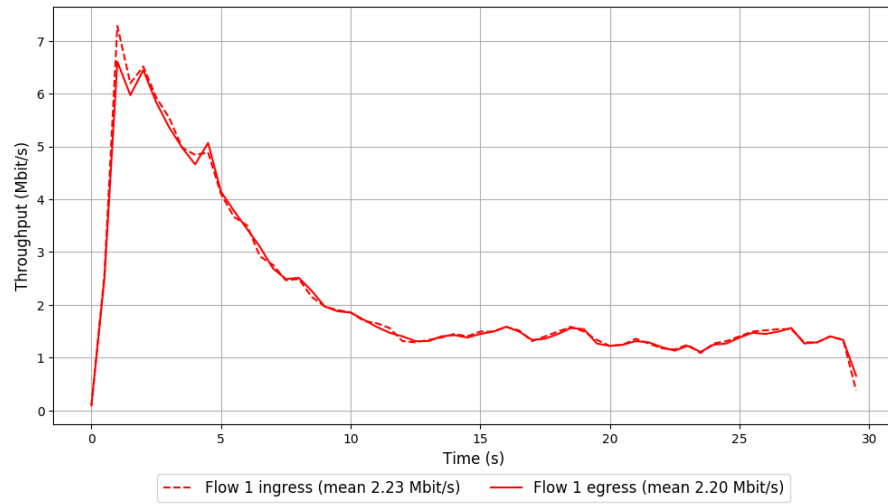
-- Flow 1:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: 100.558 ms

Loss rate: 0.91%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 04:41:55 +0000

End at: Sun, 09 Jul 2017 04:42:25 +0000

Local clock offset: 3.305 ms

Remote clock offset: 1.163 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.33 Mbit/s

95th percentile per-packet one-way delay: 97.964 ms

Loss rate: 0.22%

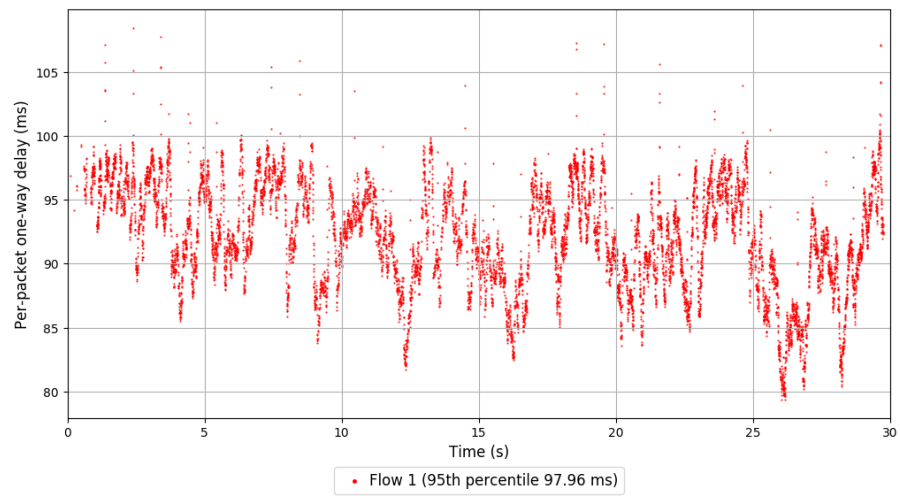
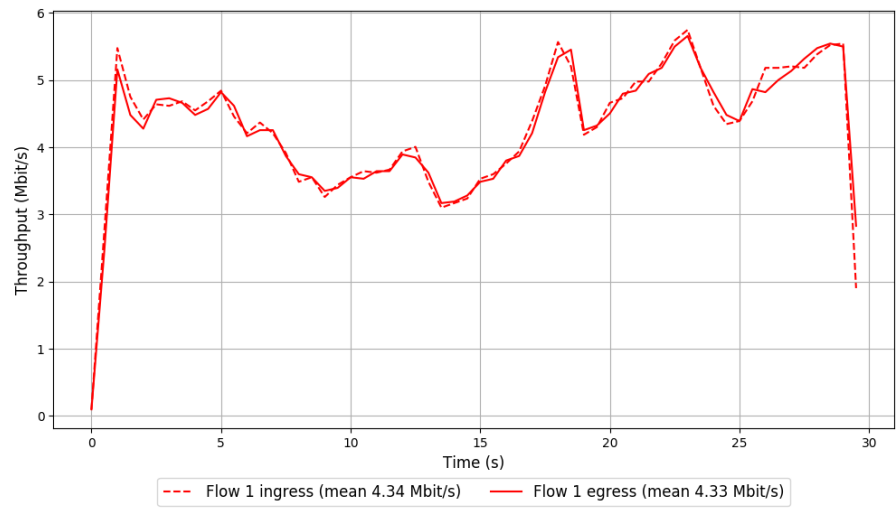
-- Flow 1:

Average throughput: 4.33 Mbit/s

95th percentile per-packet one-way delay: 97.964 ms

Loss rate: 0.22%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 05:00:07 +0000

End at: Sun, 09 Jul 2017 05:00:37 +0000

Local clock offset: 1.697 ms

Remote clock offset: 0.828 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.84 Mbit/s

95th percentile per-packet one-way delay: 100.992 ms

Loss rate: 0.37%

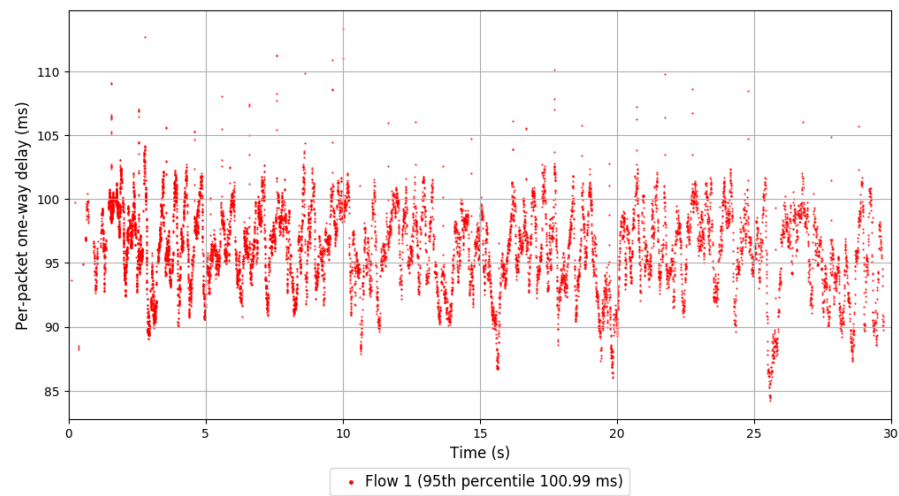
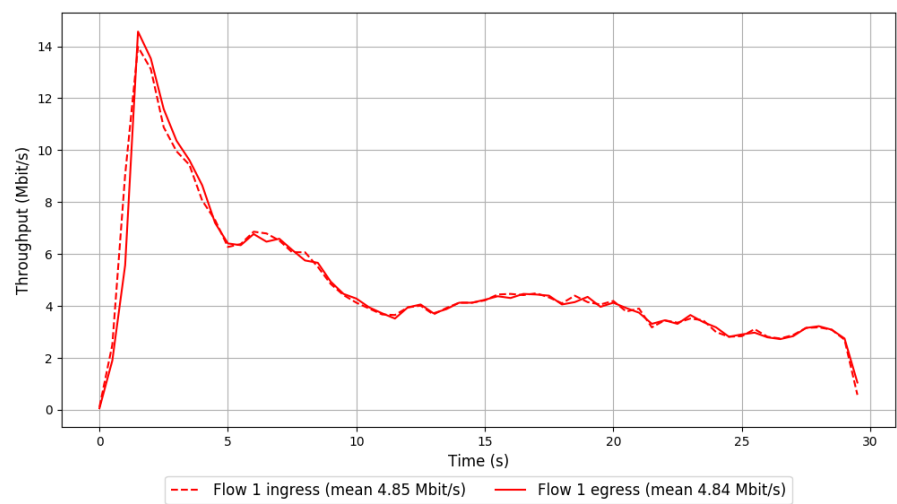
-- Flow 1:

Average throughput: 4.84 Mbit/s

95th percentile per-packet one-way delay: 100.992 ms

Loss rate: 0.37%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 05:18:09 +0000

End at: Sun, 09 Jul 2017 05:18:39 +0000

Local clock offset: 3.661 ms

Remote clock offset: 0.582 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.87 Mbit/s

95th percentile per-packet one-way delay: 101.618 ms

Loss rate: 1.08%

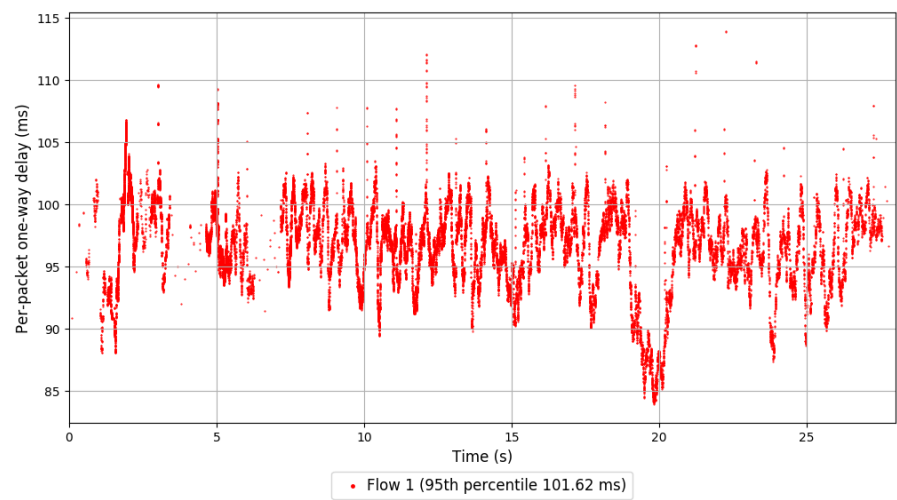
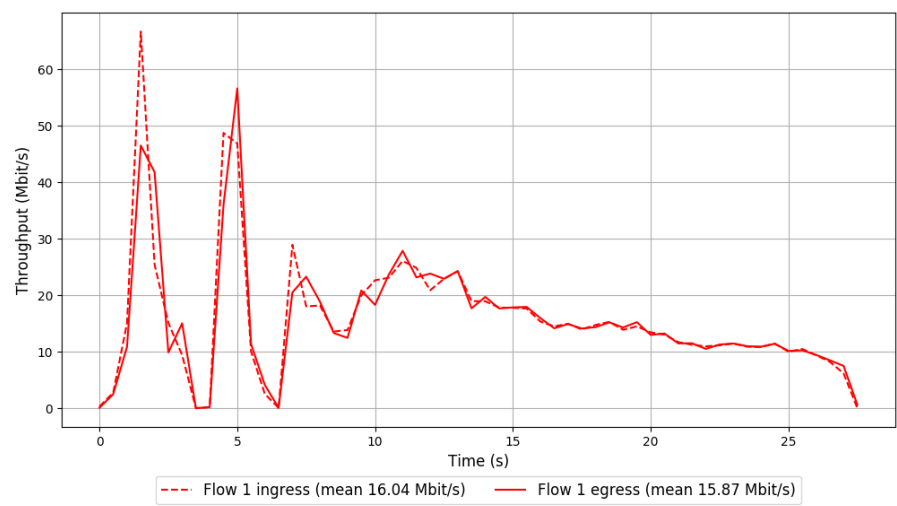
-- Flow 1:

Average throughput: 15.87 Mbit/s

95th percentile per-packet one-way delay: 101.618 ms

Loss rate: 1.08%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 05:36:23 +0000

End at: Sun, 09 Jul 2017 05:36:53 +0000

Local clock offset: 2.398 ms

Remote clock offset: 0.342 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 99.913 ms

Loss rate: 0.37%

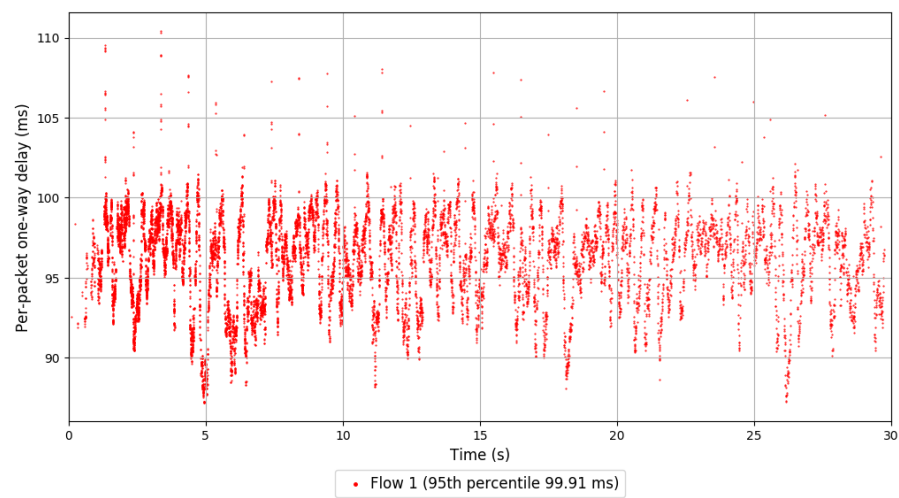
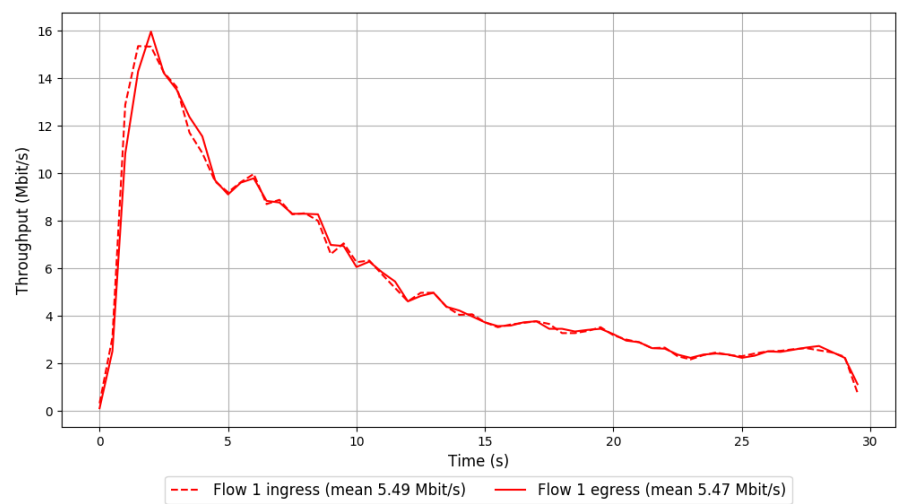
-- Flow 1:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 99.913 ms

Loss rate: 0.37%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Sun, 09 Jul 2017 05:54:33 +0000

End at: Sun, 09 Jul 2017 05:55:03 +0000

Local clock offset: 2.97 ms

Remote clock offset: 0.056 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.45 Mbit/s

95th percentile per-packet one-way delay: 100.981 ms

Loss rate: 0.66%

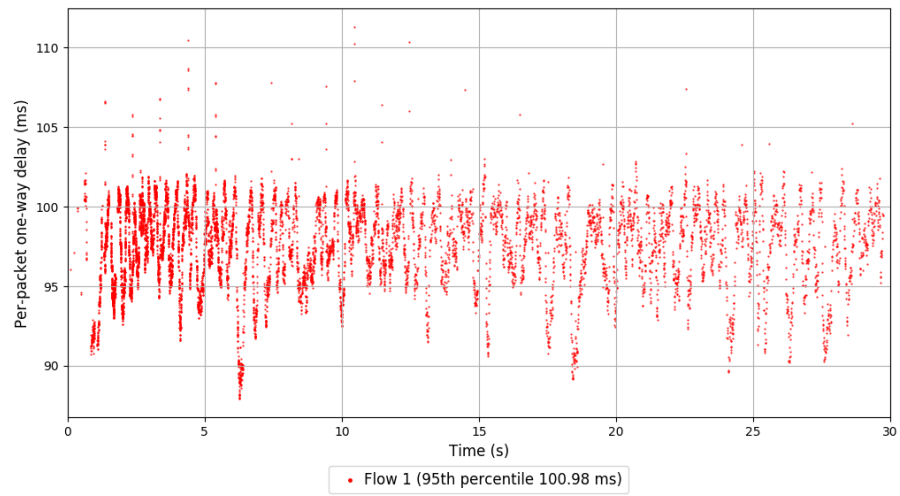
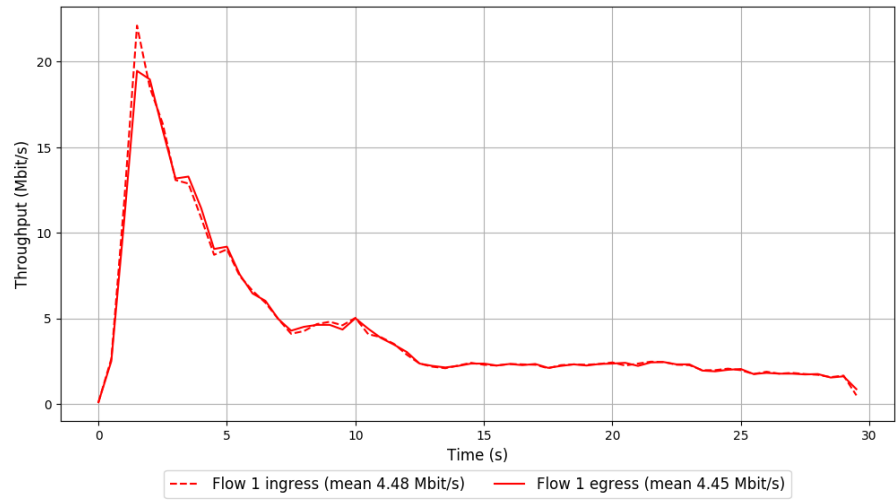
-- Flow 1:

Average throughput: 4.45 Mbit/s

95th percentile per-packet one-way delay: 100.981 ms

Loss rate: 0.66%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 09 Jul 2017 03:07:02 +0000

End at: Sun, 09 Jul 2017 03:07:32 +0000

Local clock offset: 1.341 ms

Remote clock offset: 0.76 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.41 Mbit/s

95th percentile per-packet one-way delay: 92.081 ms

Loss rate: 0.29%

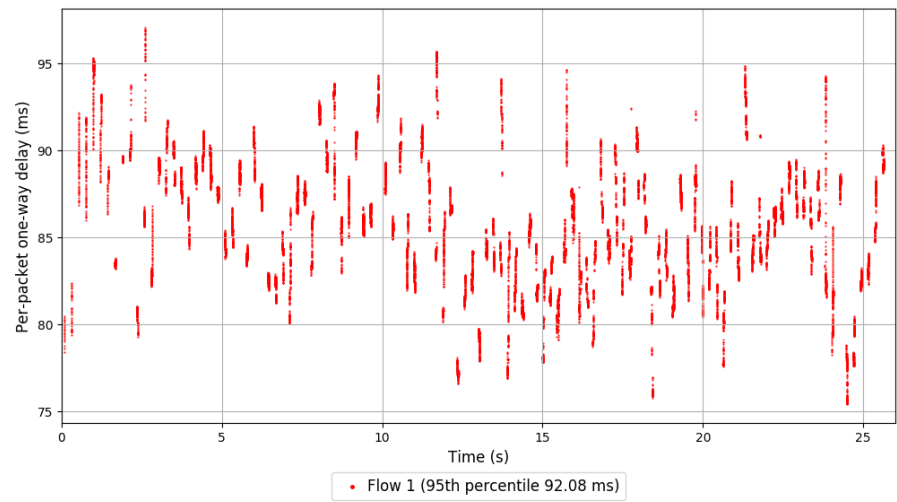
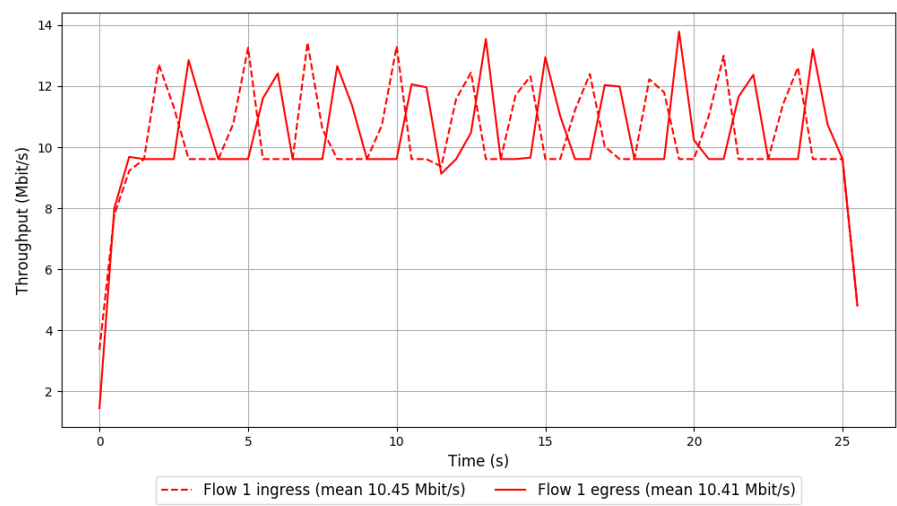
-- Flow 1:

Average throughput: 10.41 Mbit/s

95th percentile per-packet one-way delay: 92.081 ms

Loss rate: 0.29%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 09 Jul 2017 03:25:03 +0000

End at: Sun, 09 Jul 2017 03:25:33 +0000

Local clock offset: 2.879 ms

Remote clock offset: 1.262 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.48 Mbit/s

95th percentile per-packet one-way delay: 94.204 ms

Loss rate: 0.27%

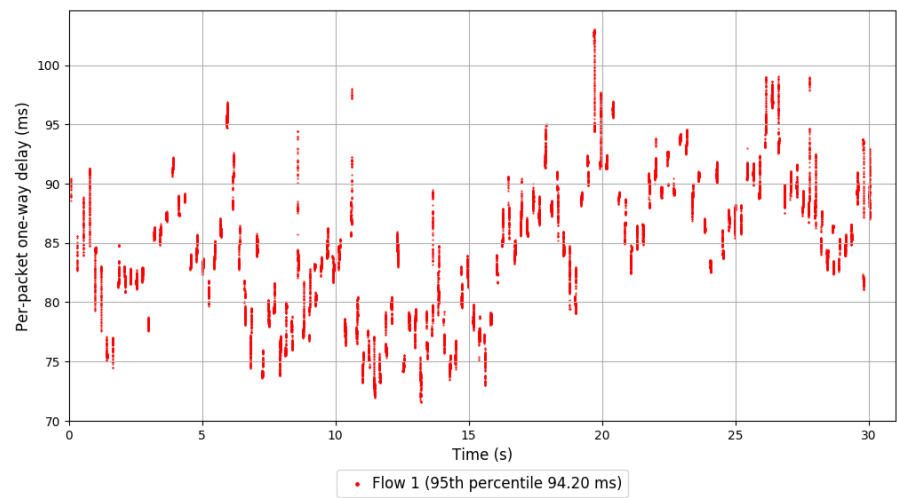
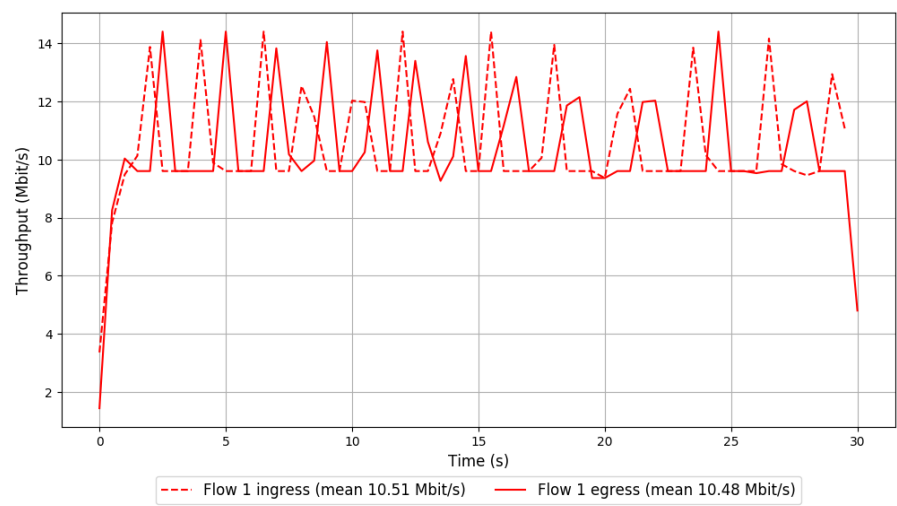
-- Flow 1:

Average throughput: 10.48 Mbit/s

95th percentile per-packet one-way delay: 94.204 ms

Loss rate: 0.27%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sun, 09 Jul 2017 03:44:25 +0000

End at: Sun, 09 Jul 2017 03:44:55 +0000

Local clock offset: 1.63 ms

Remote clock offset: 1.856 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.45 Mbit/s

95th percentile per-packet one-way delay: 93.682 ms

Loss rate: 0.90%

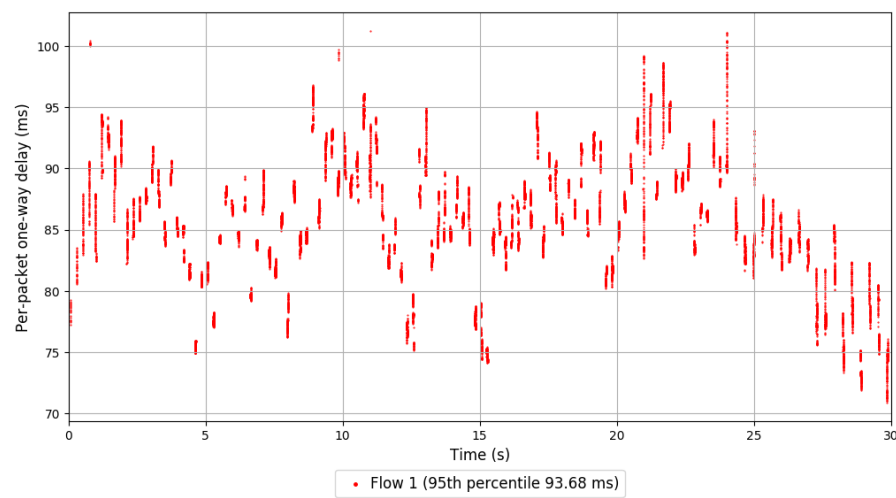
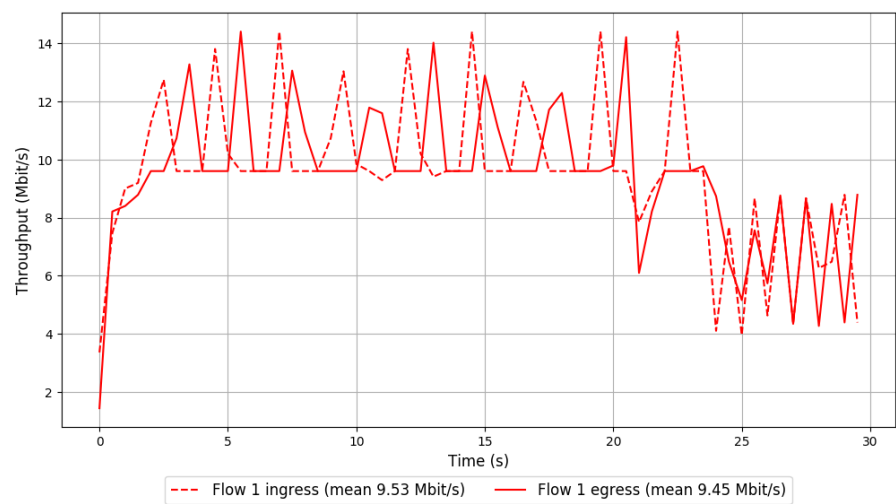
-- Flow 1:

Average throughput: 9.45 Mbit/s

95th percentile per-packet one-way delay: 93.682 ms

Loss rate: 0.90%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sun, 09 Jul 2017 04:03:22 +0000

End at: Sun, 09 Jul 2017 04:03:52 +0000

Local clock offset: 1.837 ms

Remote clock offset: 1.779 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.04 Mbit/s

95th percentile per-packet one-way delay: 96.672 ms

Loss rate: 0.62%

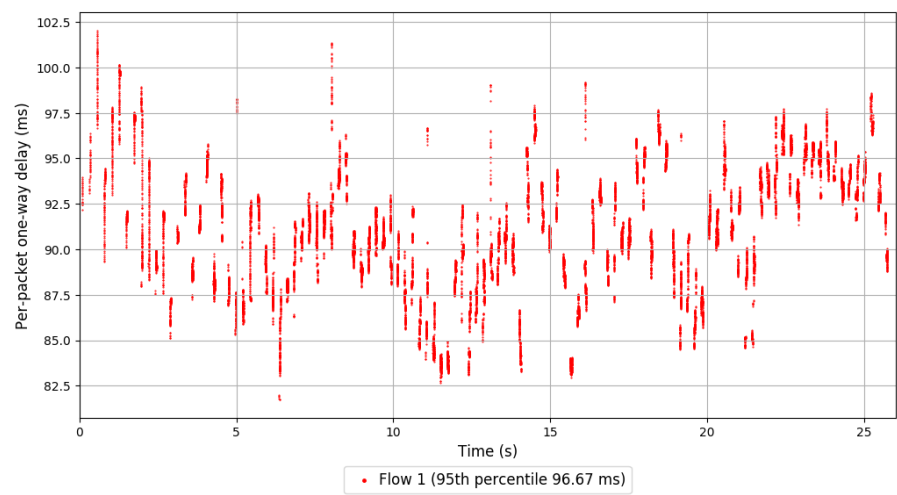
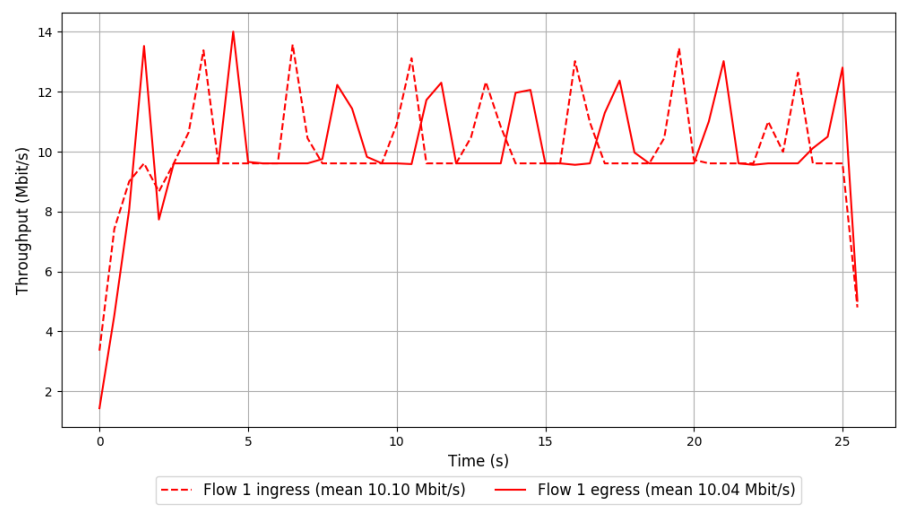
-- Flow 1:

Average throughput: 10.04 Mbit/s

95th percentile per-packet one-way delay: 96.672 ms

Loss rate: 0.62%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sun, 09 Jul 2017 04:21:34 +0000

End at: Sun, 09 Jul 2017 04:22:04 +0000

Local clock offset: 3.285 ms

Remote clock offset: 1.689 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.77 Mbit/s

95th percentile per-packet one-way delay: 99.275 ms

Loss rate: 1.27%

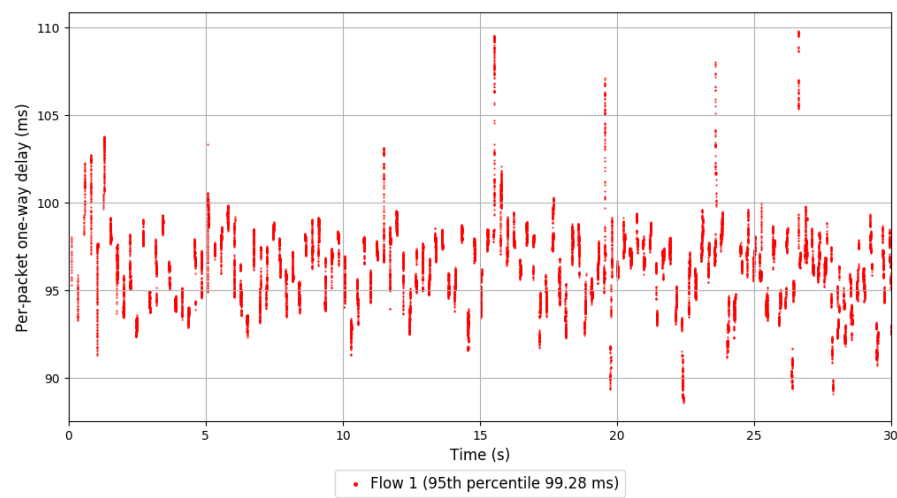
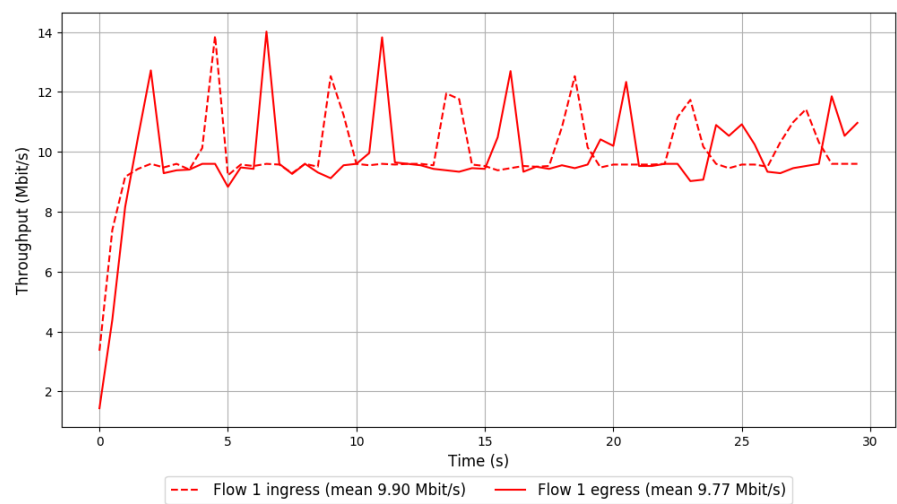
-- Flow 1:

Average throughput: 9.77 Mbit/s

95th percentile per-packet one-way delay: 99.275 ms

Loss rate: 1.27%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sun, 09 Jul 2017 04:39:32 +0000

End at: Sun, 09 Jul 2017 04:40:02 +0000

Local clock offset: 2.388 ms

Remote clock offset: 1.281 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.82 Mbit/s

95th percentile per-packet one-way delay: 99.867 ms

Loss rate: 1.02%

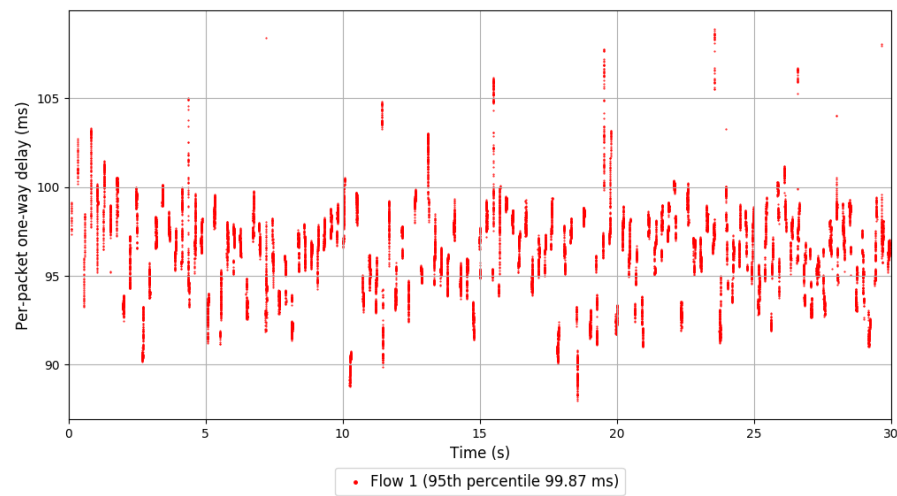
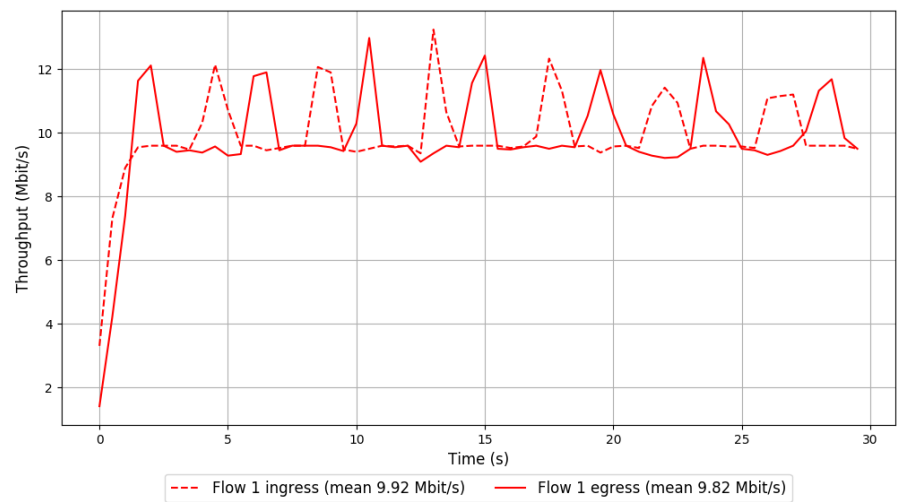
-- Flow 1:

Average throughput: 9.82 Mbit/s

95th percentile per-packet one-way delay: 99.867 ms

Loss rate: 1.02%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sun, 09 Jul 2017 04:57:44 +0000

End at: Sun, 09 Jul 2017 04:58:14 +0000

Local clock offset: 2.461 ms

Remote clock offset: 0.865 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.45 Mbit/s

95th percentile per-packet one-way delay: 102.466 ms

Loss rate: 0.94%

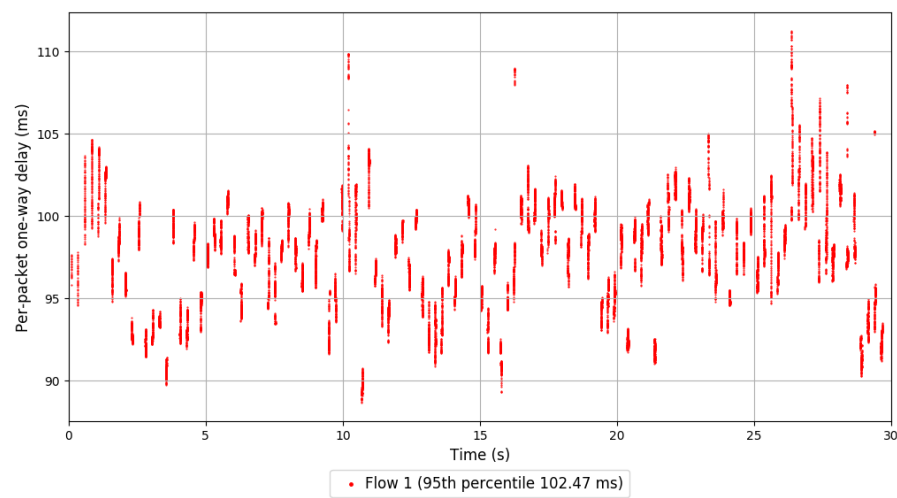
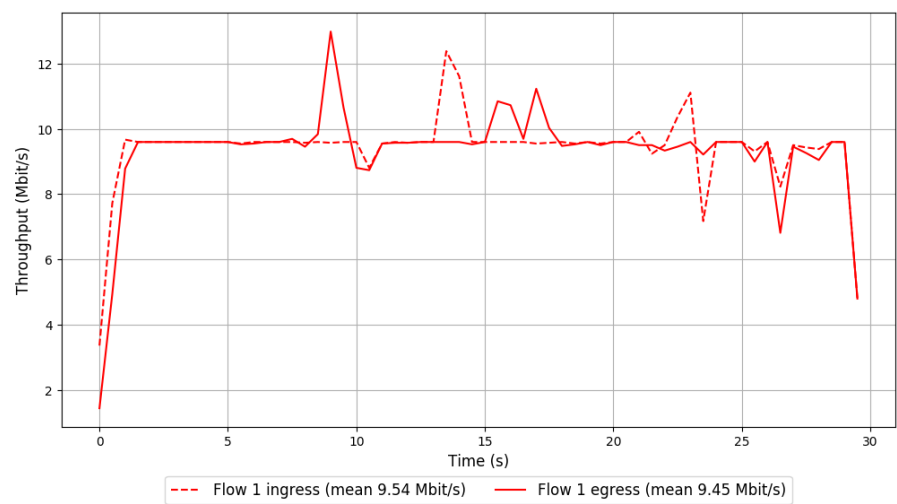
-- Flow 1:

Average throughput: 9.45 Mbit/s

95th percentile per-packet one-way delay: 102.466 ms

Loss rate: 0.94%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

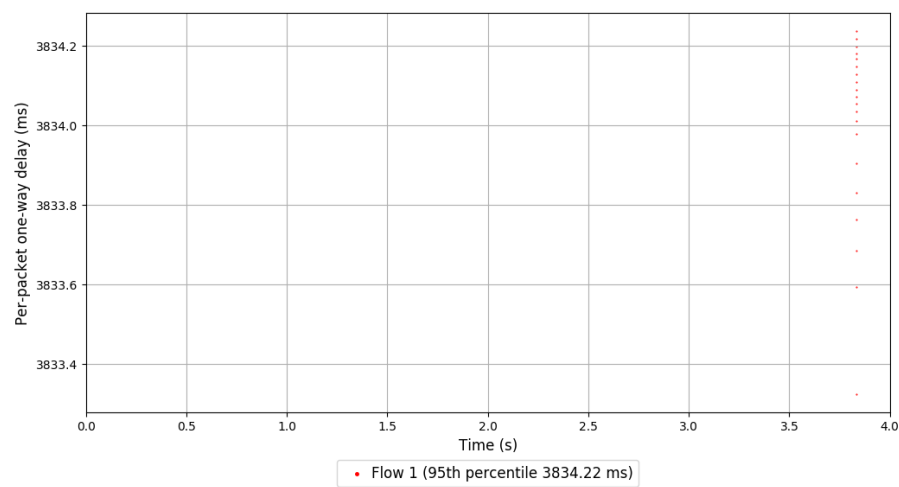
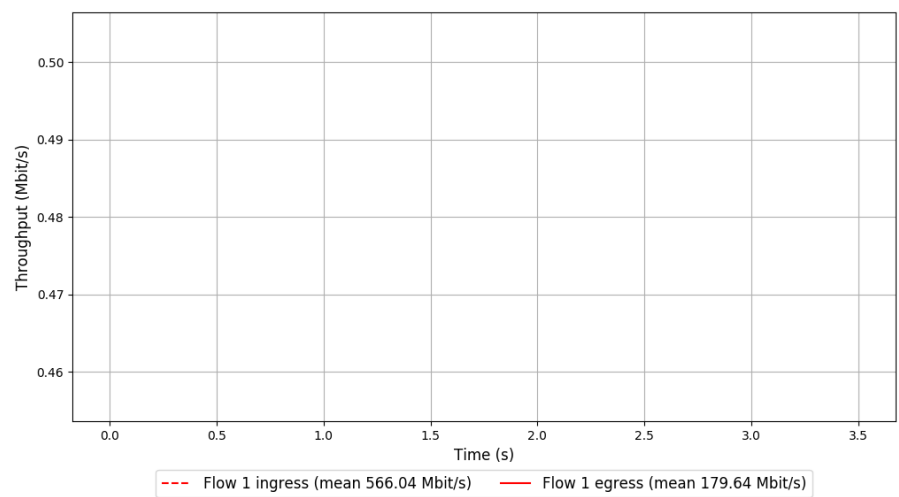
Start at: Sun, 09 Jul 2017 05:15:43 +0000

End at: Sun, 09 Jul 2017 05:16:13 +0000

Local clock offset: 2.488 ms

Remote clock offset: 0.602 ms

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Sun, 09 Jul 2017 05:34:01 +0000

End at: Sun, 09 Jul 2017 05:34:31 +0000

Local clock offset: 2.875 ms

Remote clock offset: 0.405 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.79 Mbit/s

95th percentile per-packet one-way delay: 101.532 ms

Loss rate: 1.32%

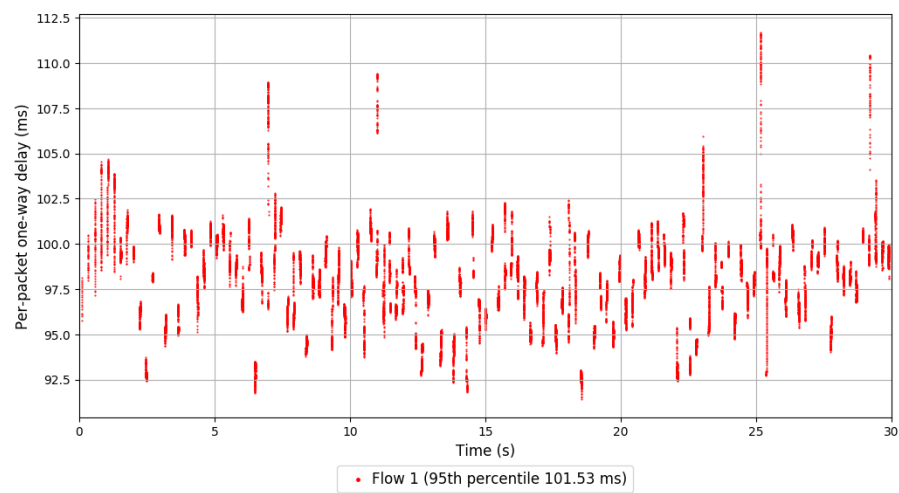
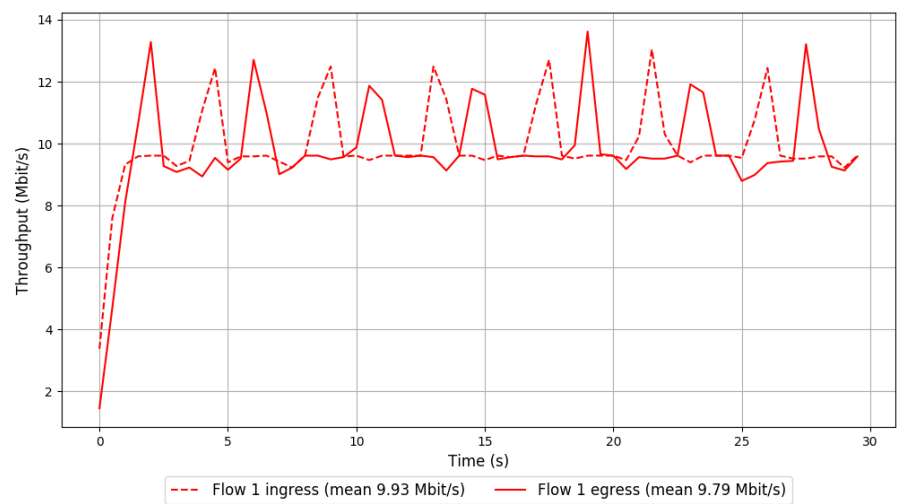
-- Flow 1:

Average throughput: 9.79 Mbit/s

95th percentile per-packet one-way delay: 101.532 ms

Loss rate: 1.32%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sun, 09 Jul 2017 05:52:08 +0000

End at: Sun, 09 Jul 2017 05:52:38 +0000

Local clock offset: 4.227 ms

Remote clock offset: 0.157 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.85 Mbit/s

95th percentile per-packet one-way delay: 105.317 ms

Loss rate: 1.82%

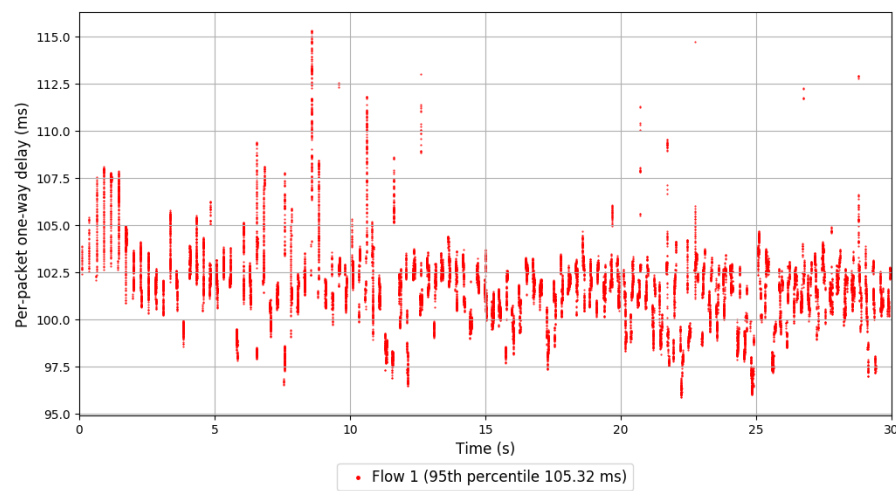
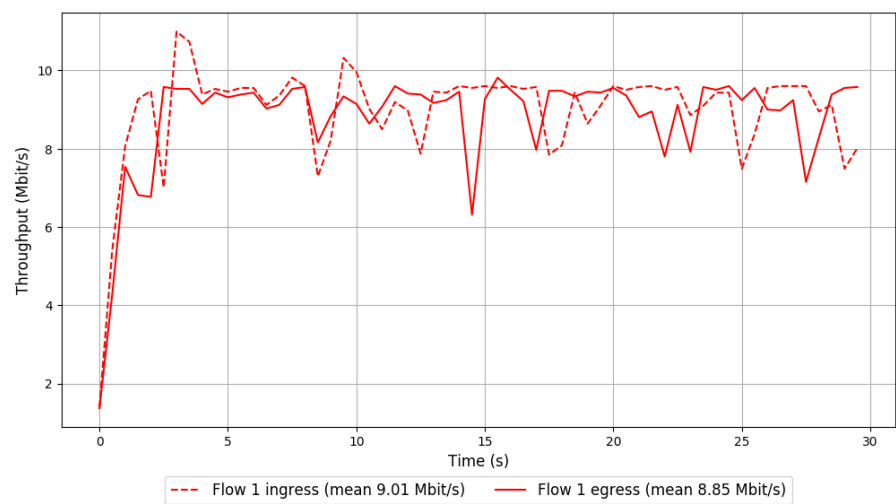
-- Flow 1:

Average throughput: 8.85 Mbit/s

95th percentile per-packet one-way delay: 105.317 ms

Loss rate: 1.82%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 03:01:00 +0000

End at: Sun, 09 Jul 2017 03:01:30 +0000

Local clock offset: 2.367 ms

Remote clock offset: 0.629 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 77.884 ms

Loss rate: 0.00%

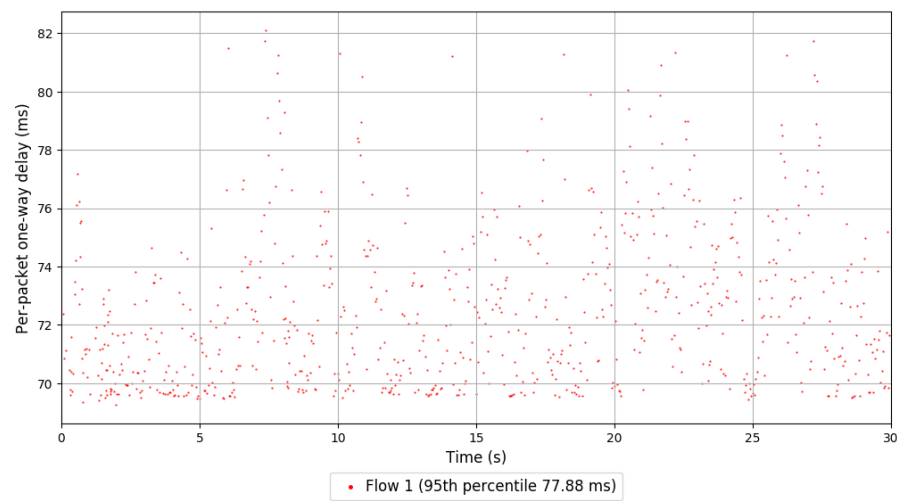
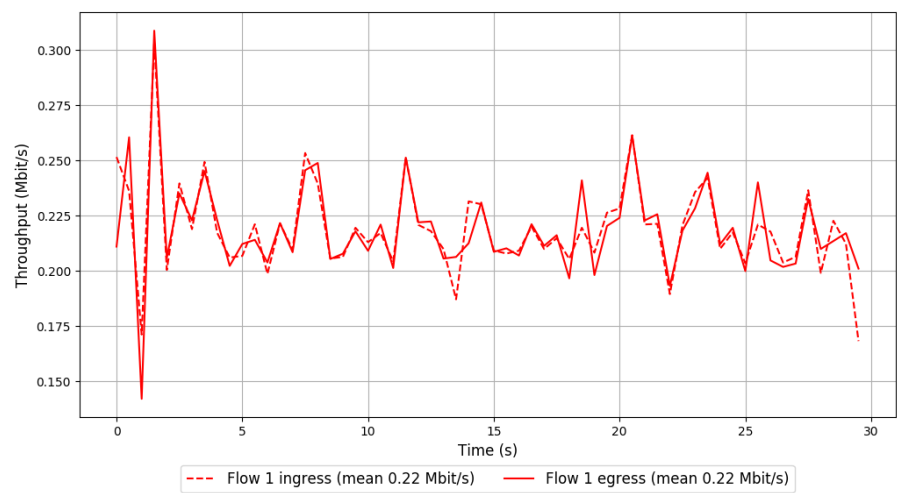
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 77.884 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 03:19:02 +0000

End at: Sun, 09 Jul 2017 03:19:32 +0000

Local clock offset: 0.954 ms

Remote clock offset: 1.121 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 90.744 ms

Loss rate: 0.00%

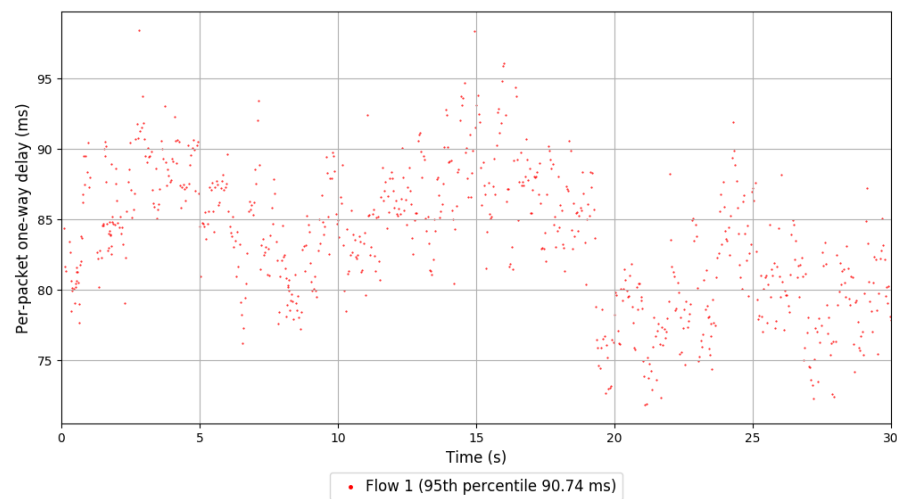
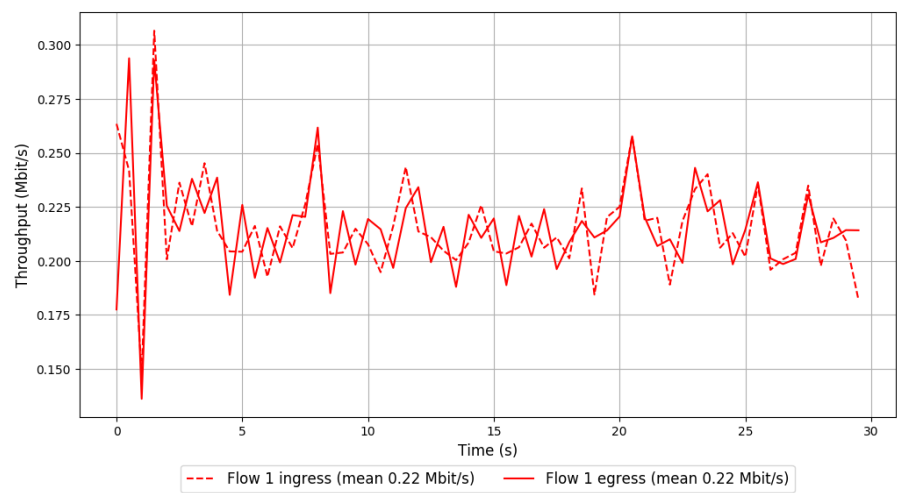
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 90.744 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 03:37:15 +0000

End at: Sun, 09 Jul 2017 03:37:45 +0000

Local clock offset: 1.455 ms

Remote clock offset: 1.646 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 79.109 ms

Loss rate: 0.00%

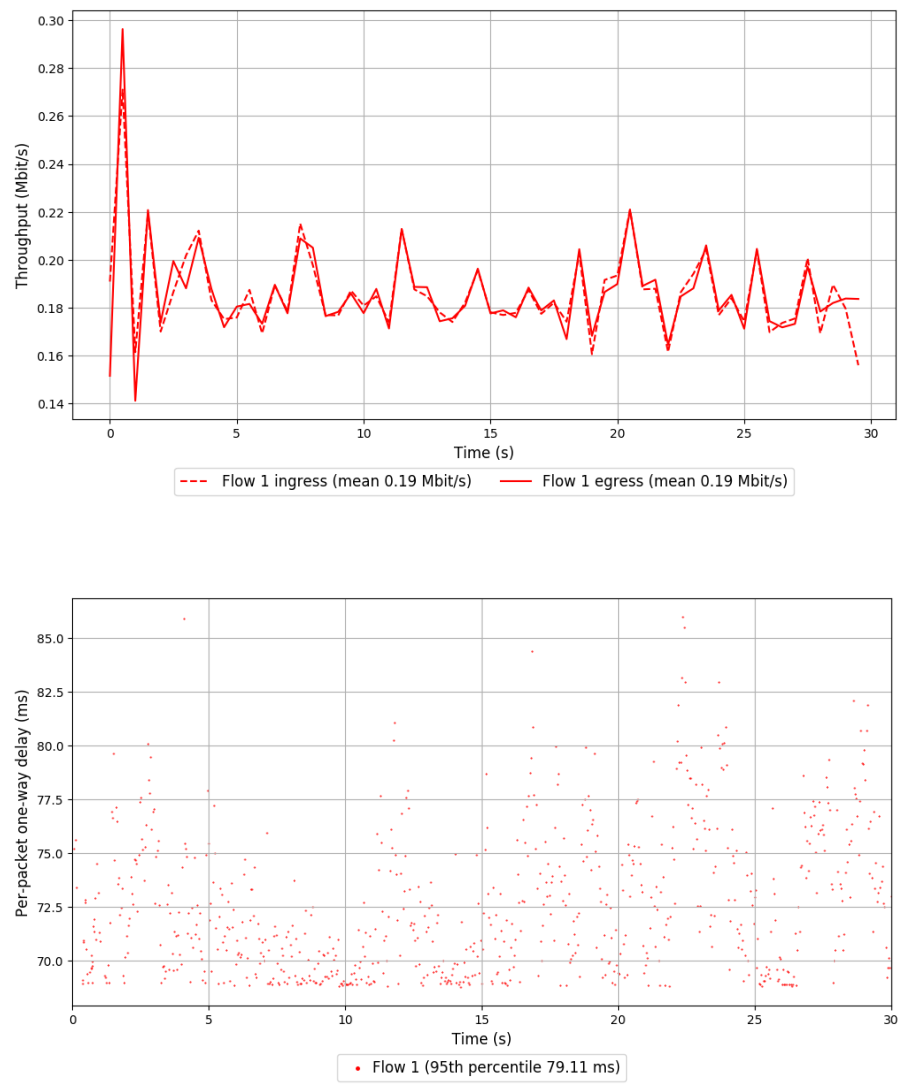
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 79.109 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 03:57:23 +0000

End at: Sun, 09 Jul 2017 03:57:53 +0000

Local clock offset: 1.736 ms

Remote clock offset: 1.934 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.390 ms

Loss rate: 0.12%

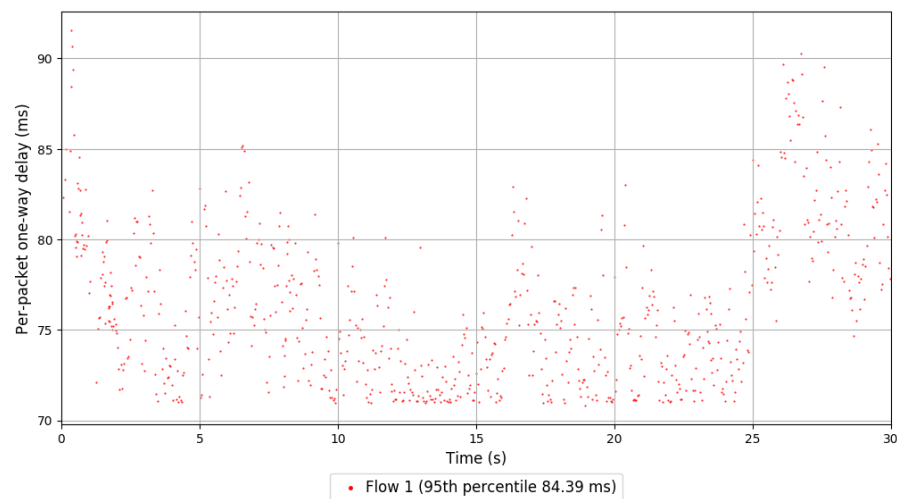
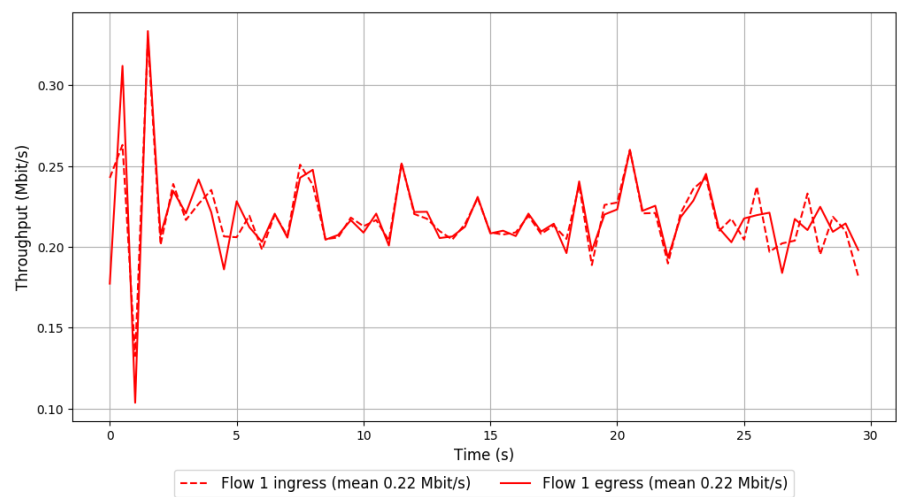
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.390 ms

Loss rate: 0.12%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 04:15:31 +0000

End at: Sun, 09 Jul 2017 04:16:01 +0000

Local clock offset: 3.118 ms

Remote clock offset: 1.687 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 100.869 ms

Loss rate: 1.91%

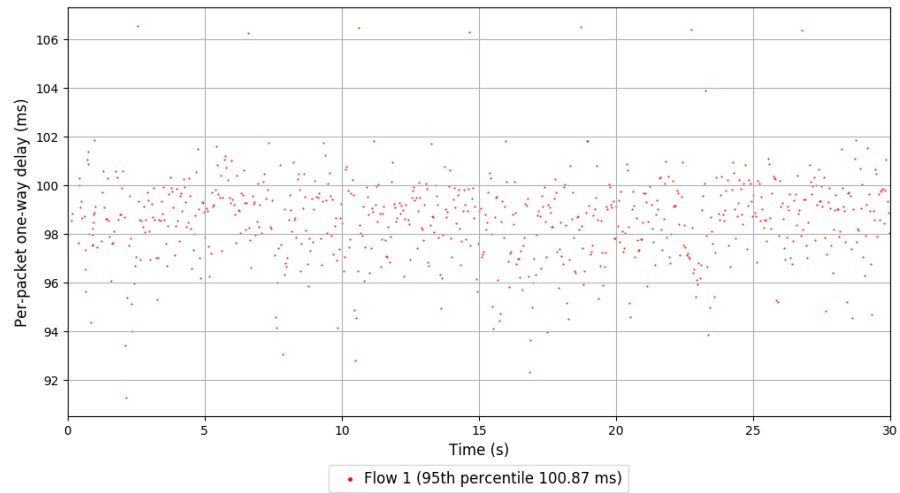
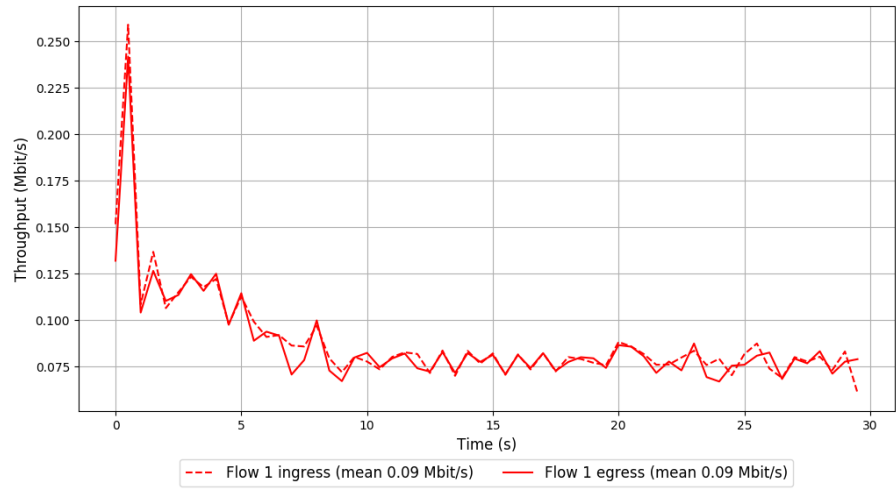
-- Flow 1:

Average throughput: 0.09 Mbit/s

95th percentile per-packet one-way delay: 100.869 ms

Loss rate: 1.91%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 04:33:34 +0000

End at: Sun, 09 Jul 2017 04:34:04 +0000

Local clock offset: 2.327 ms

Remote clock offset: 1.428 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 101.641 ms

Loss rate: 1.28%

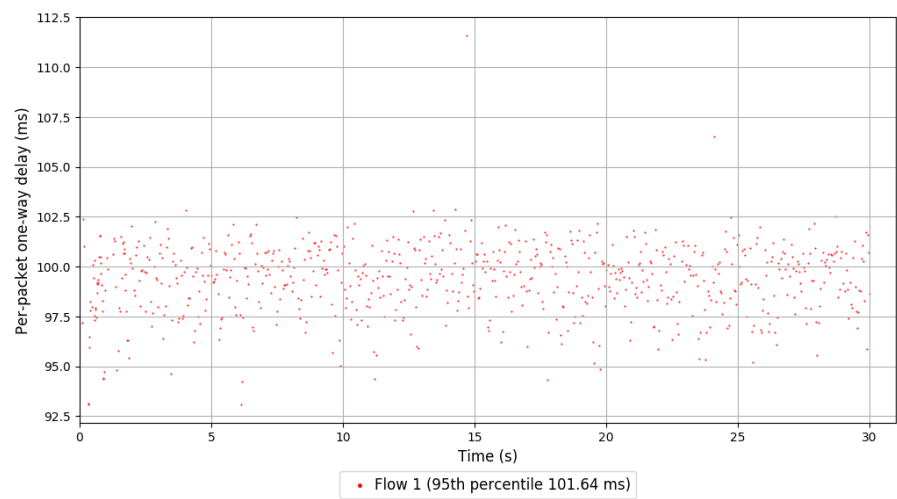
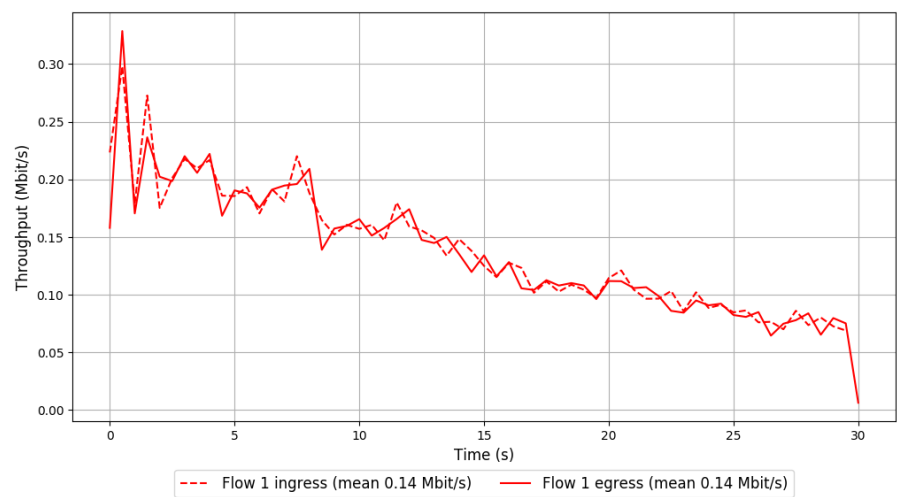
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 101.641 ms

Loss rate: 1.28%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

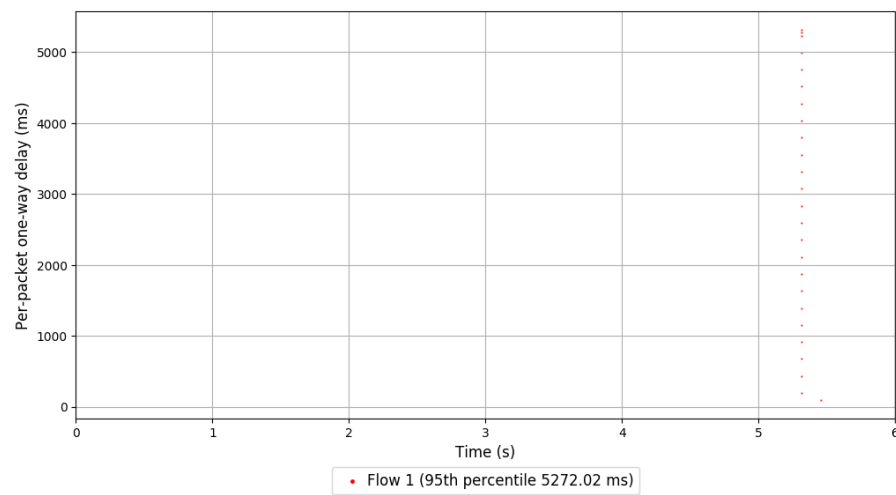
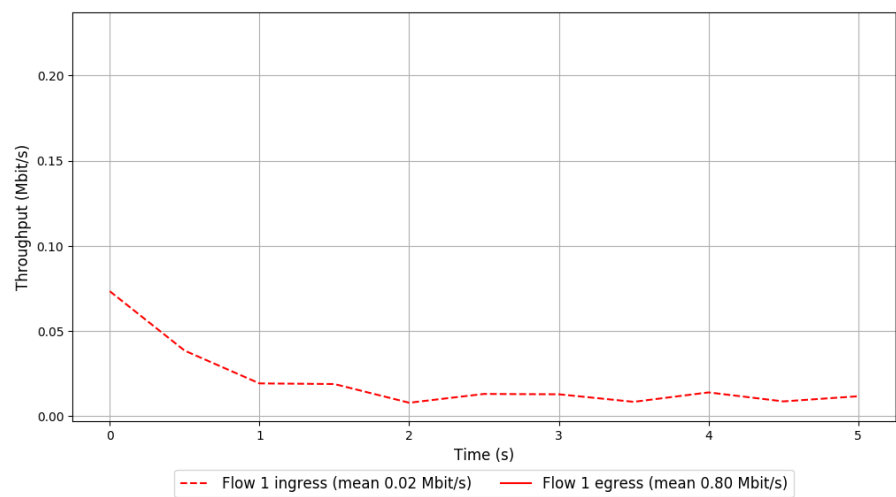
Start at: Sun, 09 Jul 2017 04:51:42 +0000

End at: Sun, 09 Jul 2017 04:52:12 +0000

Local clock offset: 2.45 ms

Remote clock offset: 0.982 ms

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 05:09:48 +0000

End at: Sun, 09 Jul 2017 05:10:18 +0000

Local clock offset: 3.885 ms

Remote clock offset: 0.748 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 98.506 ms

Loss rate: 0.12%

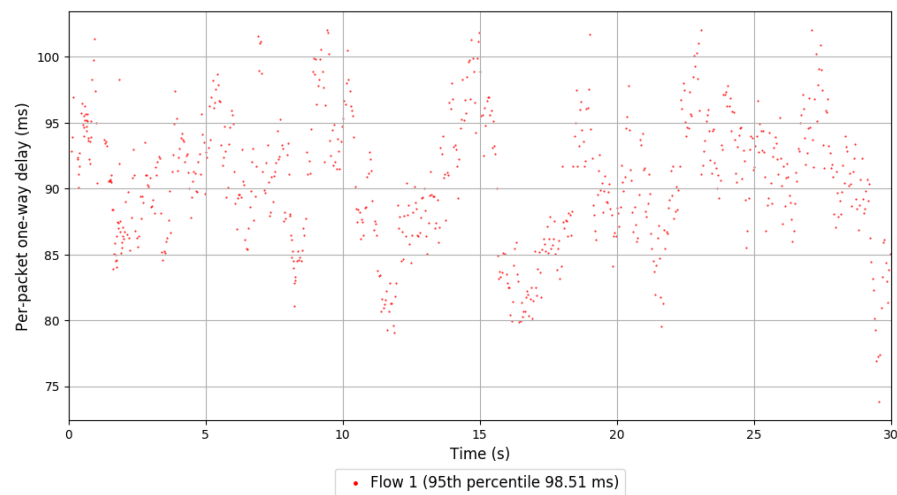
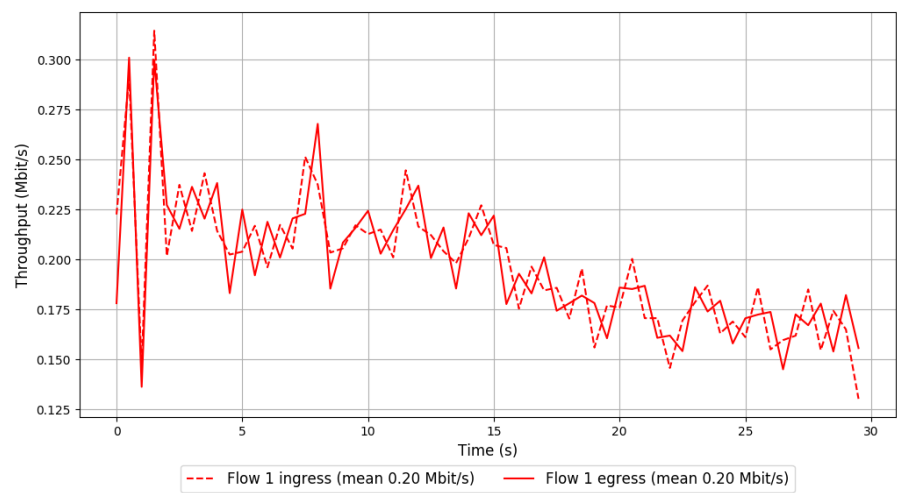
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 98.506 ms

Loss rate: 0.12%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 05:27:58 +0000

End at: Sun, 09 Jul 2017 05:28:28 +0000

Local clock offset: 2.815 ms

Remote clock offset: 0.424 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 100.247 ms

Loss rate: 1.06%

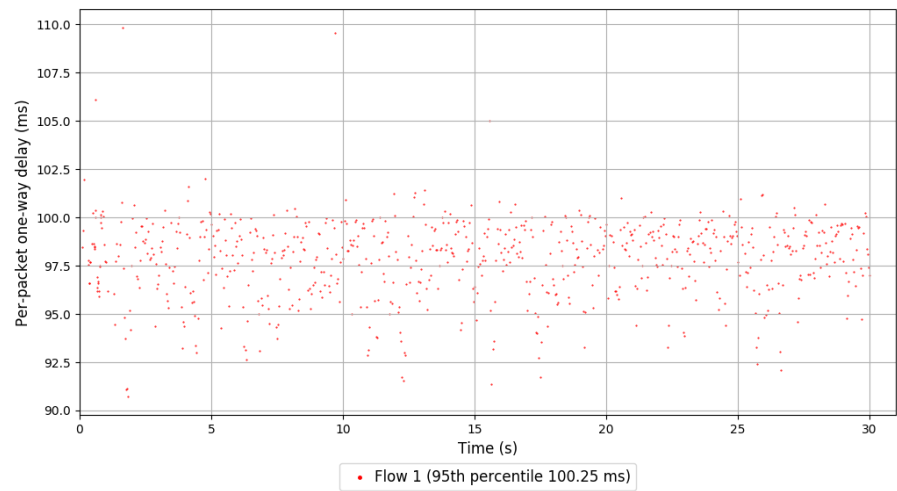
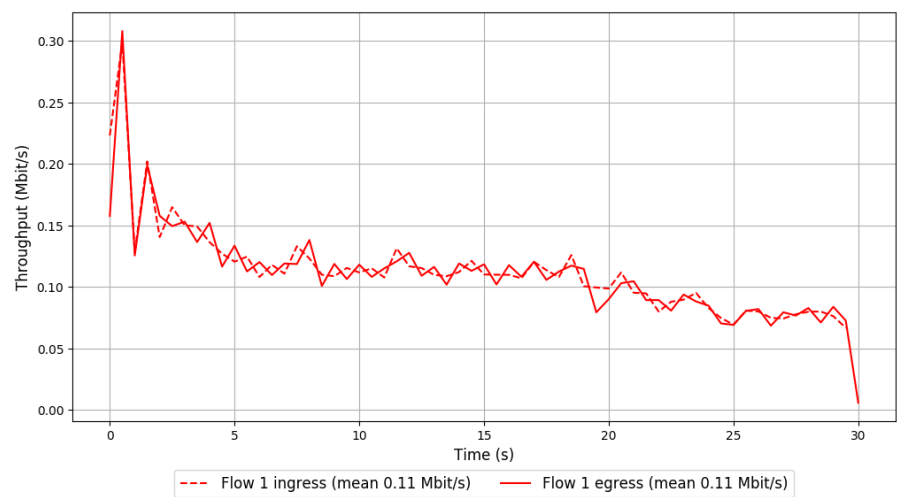
-- Flow 1:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 100.247 ms

Loss rate: 1.06%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Sun, 09 Jul 2017 05:46:09 +0000

End at: Sun, 09 Jul 2017 05:46:39 +0000

Local clock offset: 4.533 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 102.814 ms

Loss rate: 1.27%

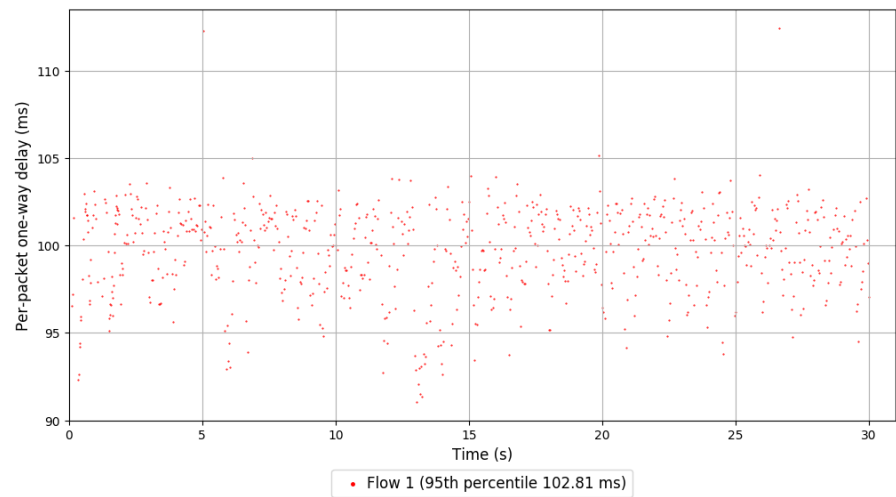
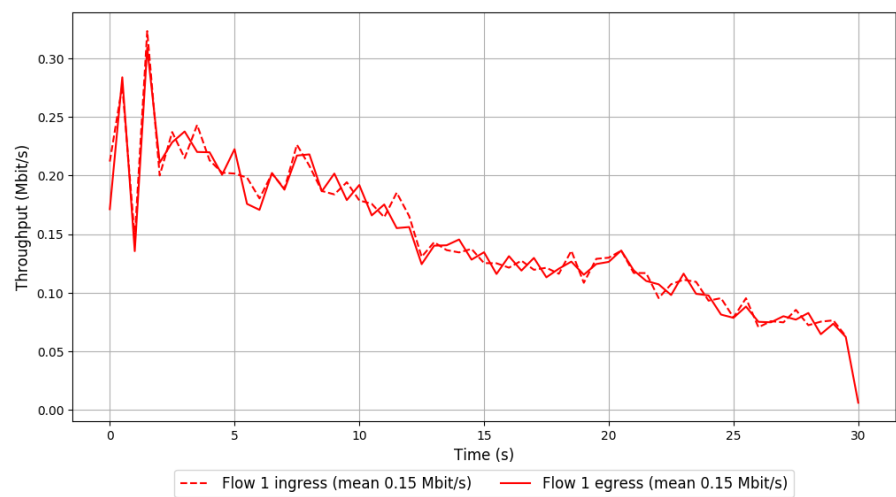
-- Flow 1:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 102.814 ms

Loss rate: 1.27%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 09 Jul 2017 03:13:01 +0000

End at: Sun, 09 Jul 2017 03:13:31 +0000

Local clock offset: 1.406 ms

Remote clock offset: 1.016 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.71 Mbit/s

95th percentile per-packet one-way delay: 84.922 ms

Loss rate: 0.01%

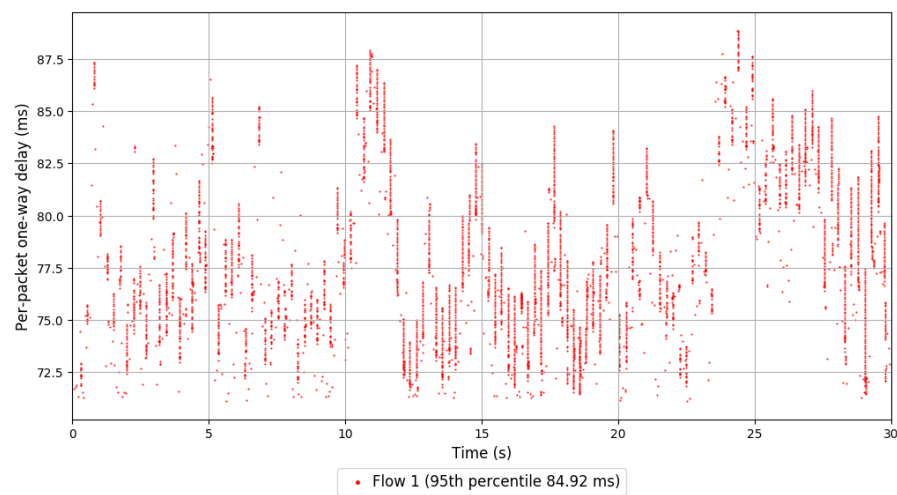
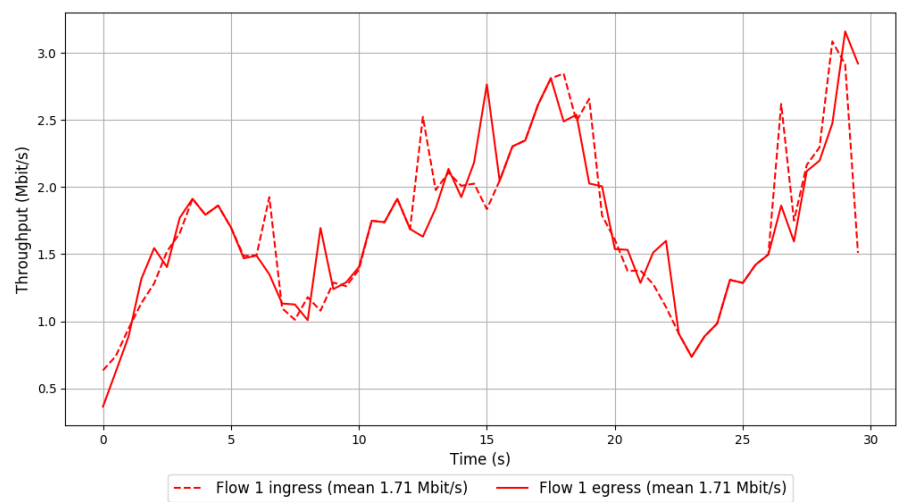
-- Flow 1:

Average throughput: 1.71 Mbit/s

95th percentile per-packet one-way delay: 84.922 ms

Loss rate: 0.01%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 09 Jul 2017 03:31:02 +0000

End at: Sun, 09 Jul 2017 03:31:32 +0000

Local clock offset: 1.528 ms

Remote clock offset: 1.472 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.09 Mbit/s

95th percentile per-packet one-way delay: 83.775 ms

Loss rate: 0.00%

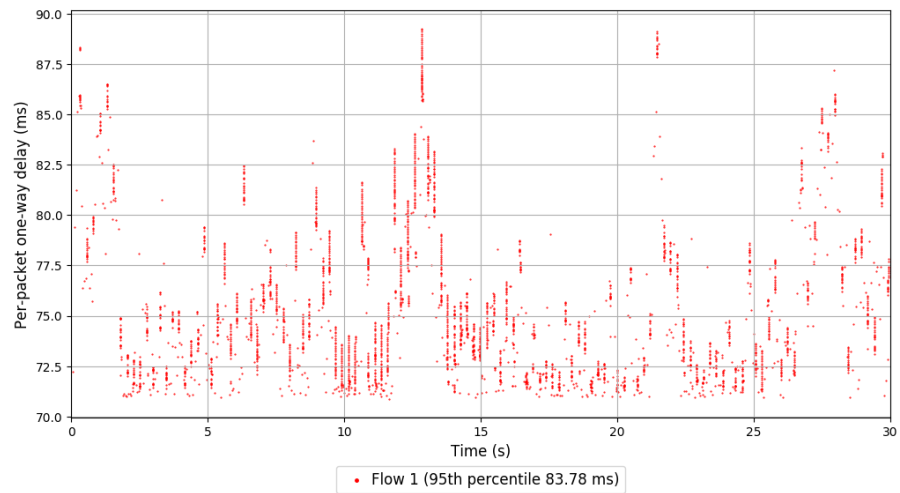
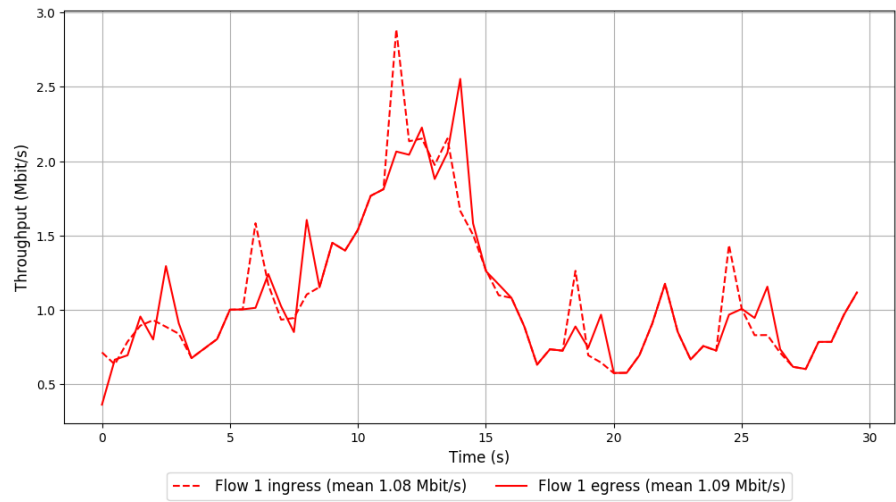
-- Flow 1:

Average throughput: 1.09 Mbit/s

95th percentile per-packet one-way delay: 83.775 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sun, 09 Jul 2017 03:51:22 +0000

End at: Sun, 09 Jul 2017 03:51:52 +0000

Local clock offset: 1.621 ms

Remote clock offset: 1.919 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.64 Mbit/s

95th percentile per-packet one-way delay: 78.855 ms

Loss rate: 0.11%

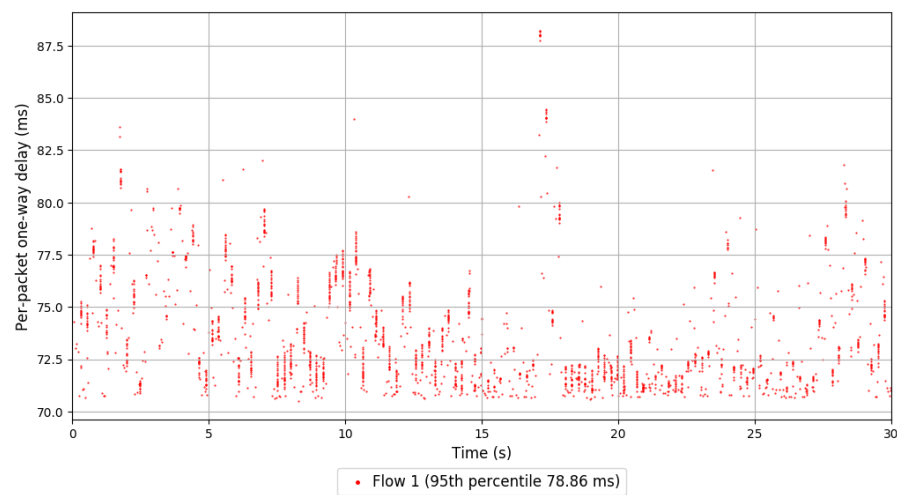
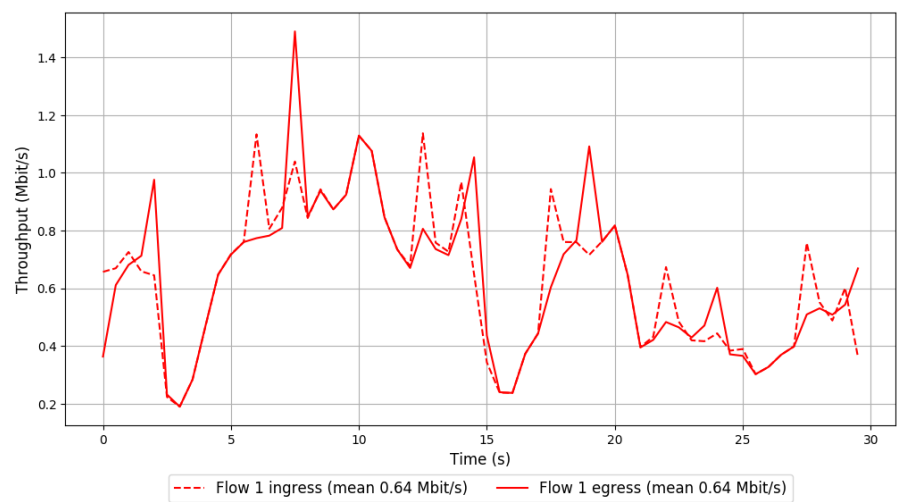
-- Flow 1:

Average throughput: 0.64 Mbit/s

95th percentile per-packet one-way delay: 78.855 ms

Loss rate: 0.11%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 09 Jul 2017 04:09:25 +0000

End at: Sun, 09 Jul 2017 04:09:55 +0000

Local clock offset: 3.351 ms

Remote clock offset: 1.728 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.95 Mbit/s

95th percentile per-packet one-way delay: 98.328 ms

Loss rate: 0.21%

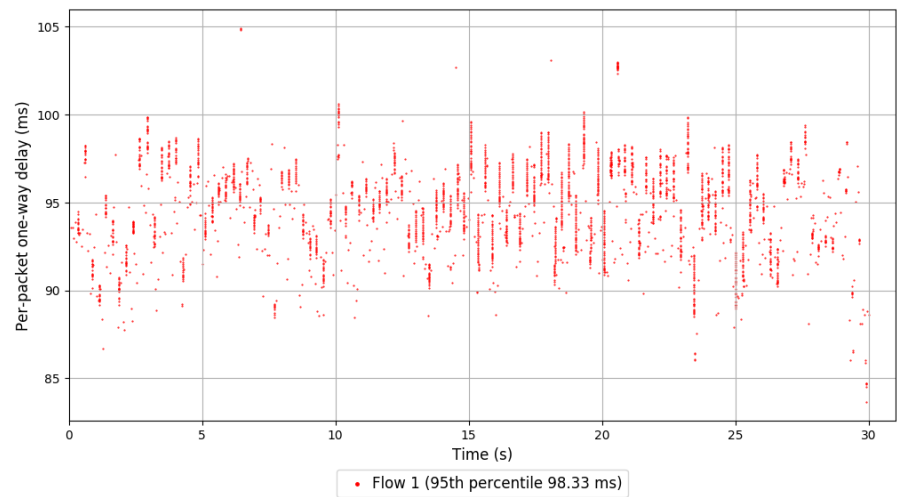
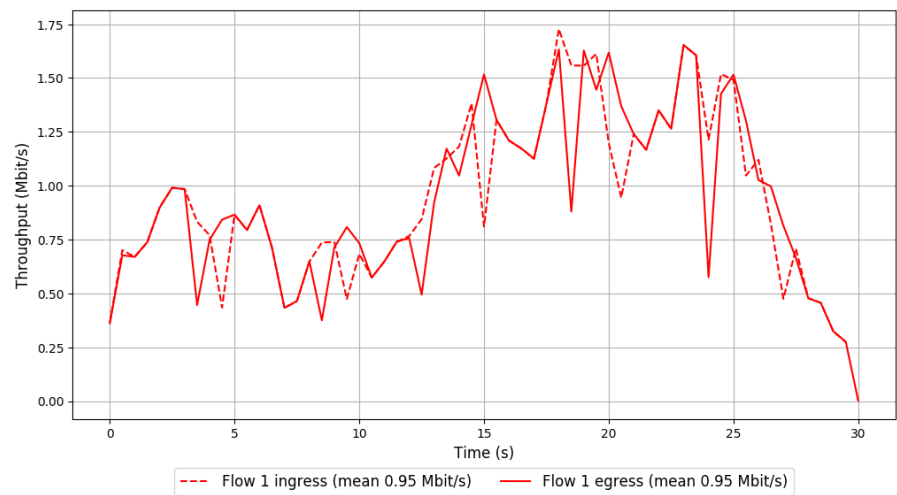
-- Flow 1:

Average throughput: 0.95 Mbit/s

95th percentile per-packet one-way delay: 98.328 ms

Loss rate: 0.21%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sun, 09 Jul 2017 04:27:31 +0000

End at: Sun, 09 Jul 2017 04:28:01 +0000

Local clock offset: 2.236 ms

Remote clock offset: 1.602 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.70 Mbit/s

95th percentile per-packet one-way delay: 99.004 ms

Loss rate: 0.79%

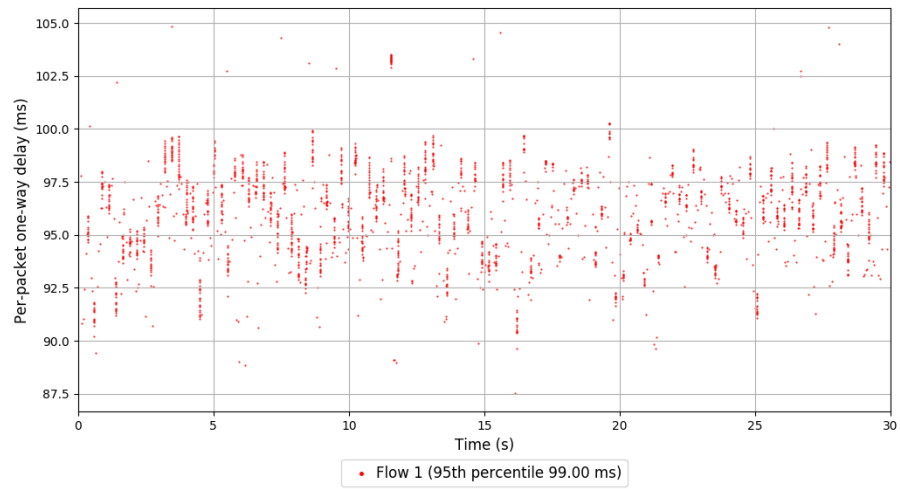
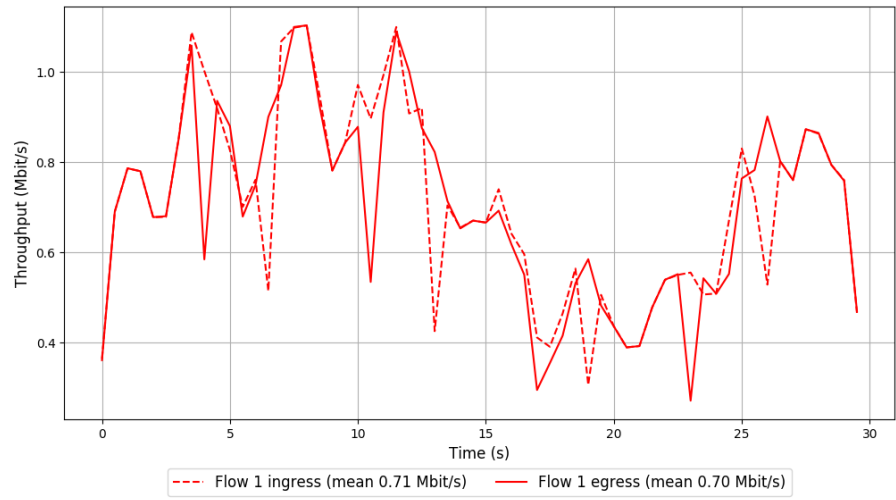
-- Flow 1:

Average throughput: 0.70 Mbit/s

95th percentile per-packet one-way delay: 99.004 ms

Loss rate: 0.79%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sun, 09 Jul 2017 04:45:41 +0000

End at: Sun, 09 Jul 2017 04:46:11 +0000

Local clock offset: 2.368 ms

Remote clock offset: 1.118 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.01 Mbit/s

95th percentile per-packet one-way delay: 96.422 ms

Loss rate: 0.00%

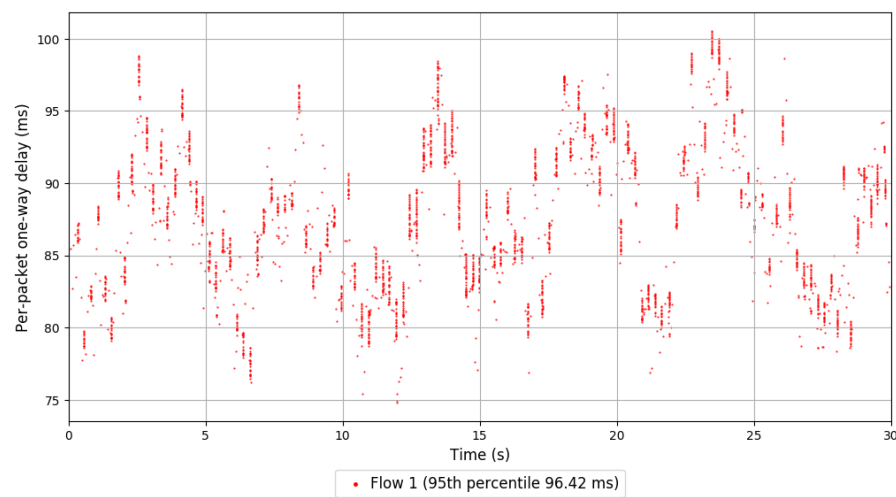
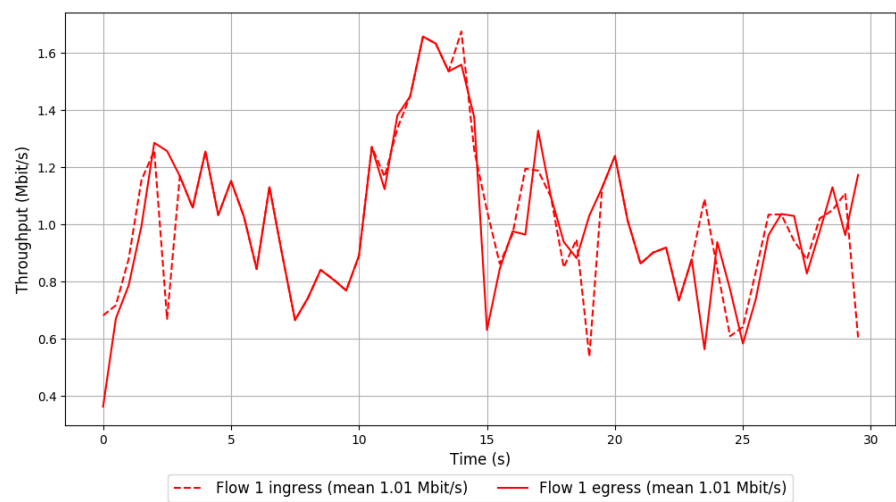
-- Flow 1:

Average throughput: 1.01 Mbit/s

95th percentile per-packet one-way delay: 96.422 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sun, 09 Jul 2017 05:03:46 +0000

End at: Sun, 09 Jul 2017 05:04:16 +0000

Local clock offset: 2.591 ms

Remote clock offset: 0.8 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.63 Mbit/s

95th percentile per-packet one-way delay: 100.611 ms

Loss rate: 0.12%

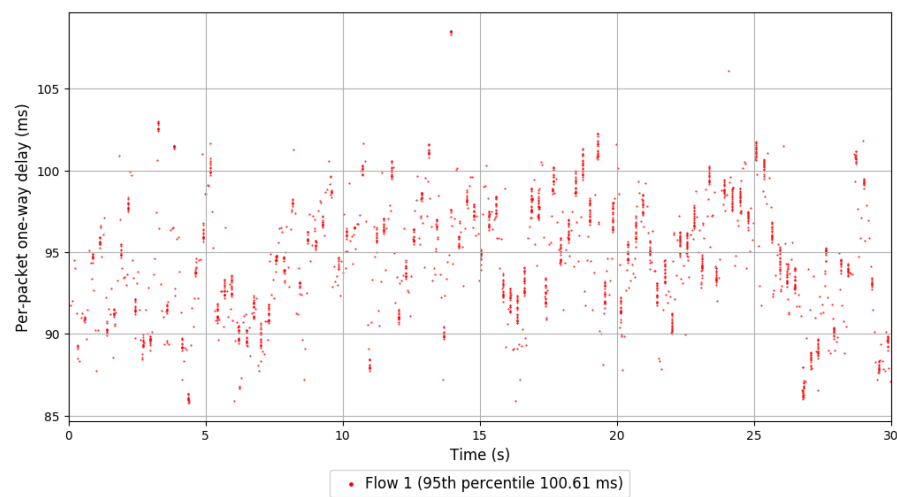
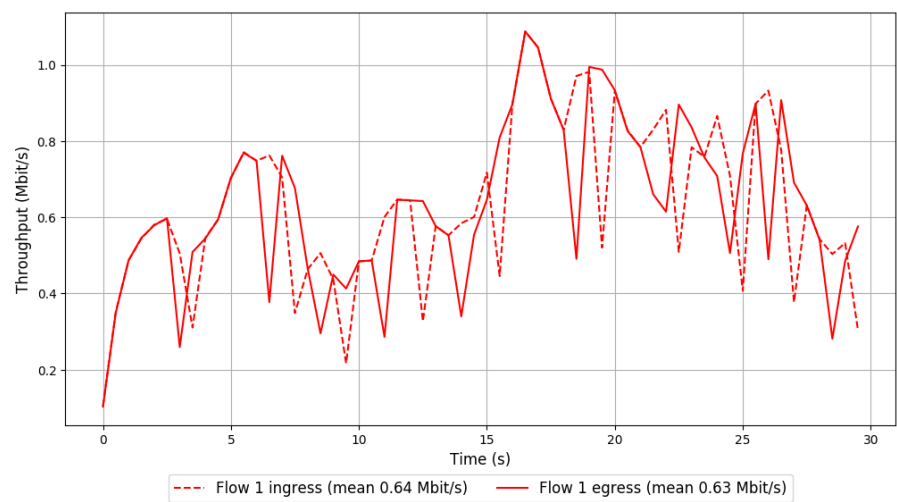
-- Flow 1:

Average throughput: 0.63 Mbit/s

95th percentile per-packet one-way delay: 100.611 ms

Loss rate: 0.12%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sun, 09 Jul 2017 05:21:46 +0000

End at: Sun, 09 Jul 2017 05:22:16 +0000

Local clock offset: 2.526 ms

Remote clock offset: 0.649 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 100.570 ms

Loss rate: 1.08%

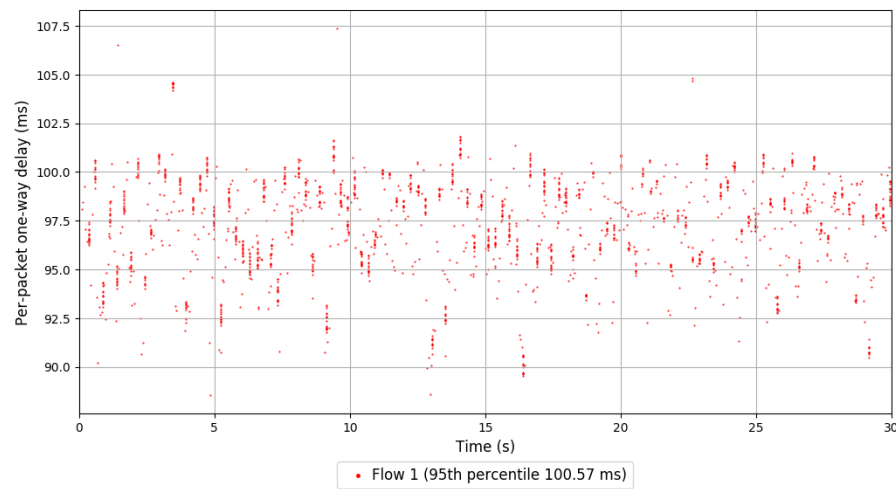
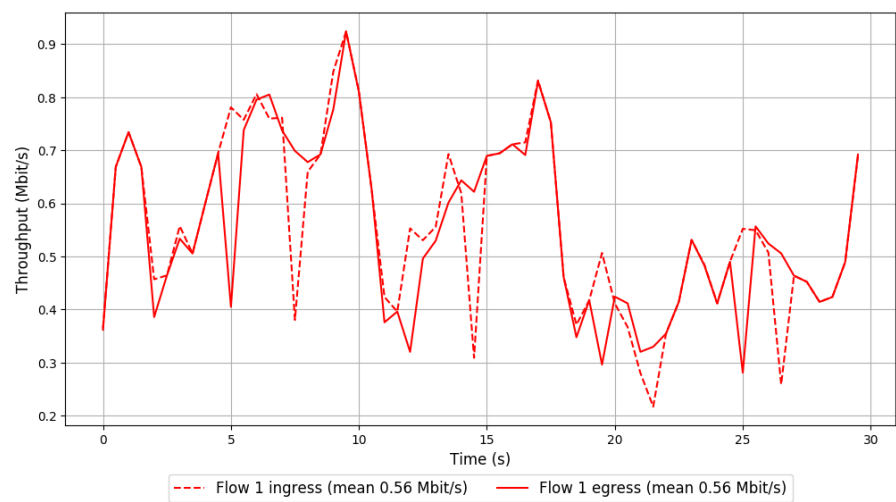
-- Flow 1:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 100.570 ms

Loss rate: 1.08%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sun, 09 Jul 2017 05:40:06 +0000

End at: Sun, 09 Jul 2017 05:40:36 +0000

Local clock offset: 3.067 ms

Remote clock offset: 0.314 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:16:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 101.907 ms

Loss rate: 1.09%

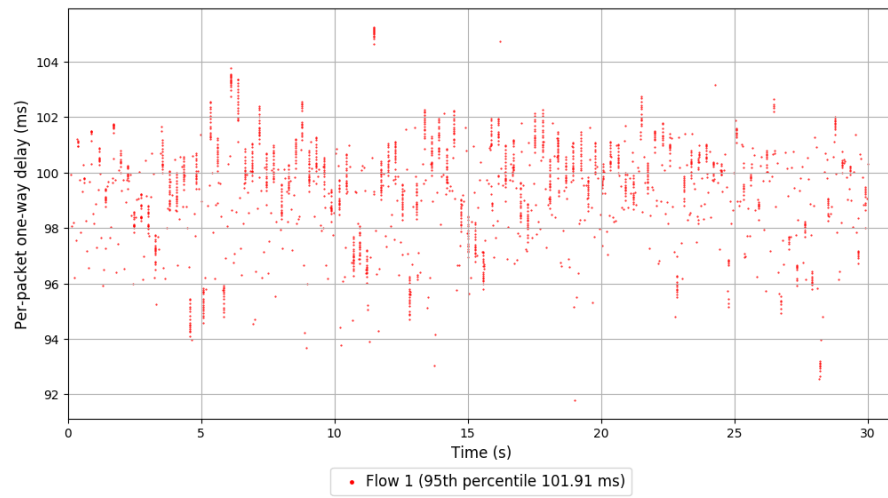
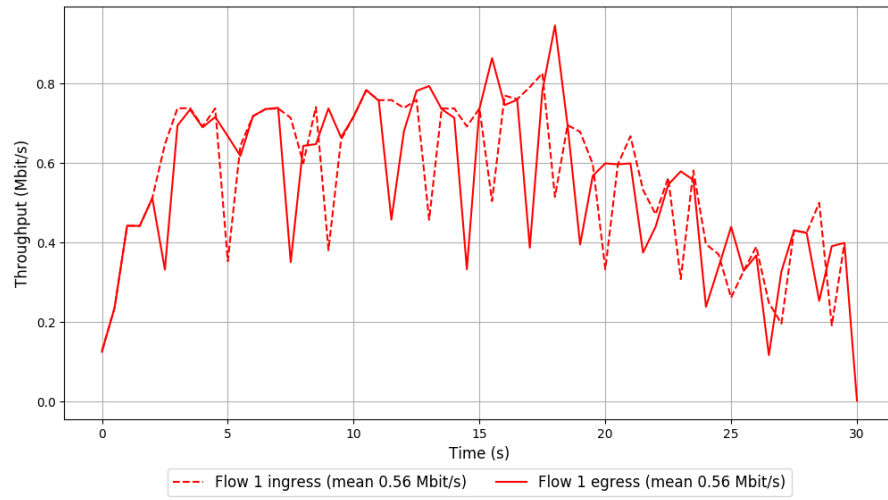
-- Flow 1:

Average throughput: 0.56 Mbit/s

95th percentile per-packet one-way delay: 101.907 ms

Loss rate: 1.09%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sun, 09 Jul 2017 05:58:12 +0000

End at: Sun, 09 Jul 2017 05:58:42 +0000

Local clock offset: 2.971 ms

Remote clock offset: -0.016 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 104.140 ms

Loss rate: 0.85%

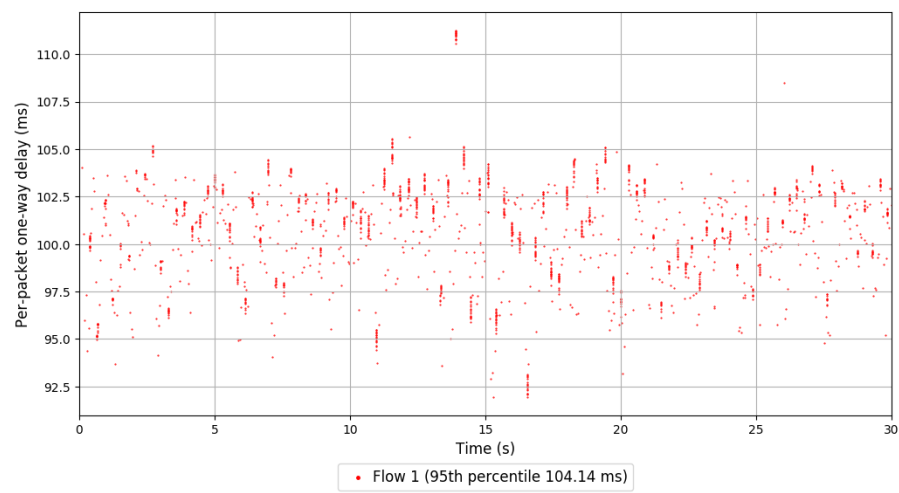
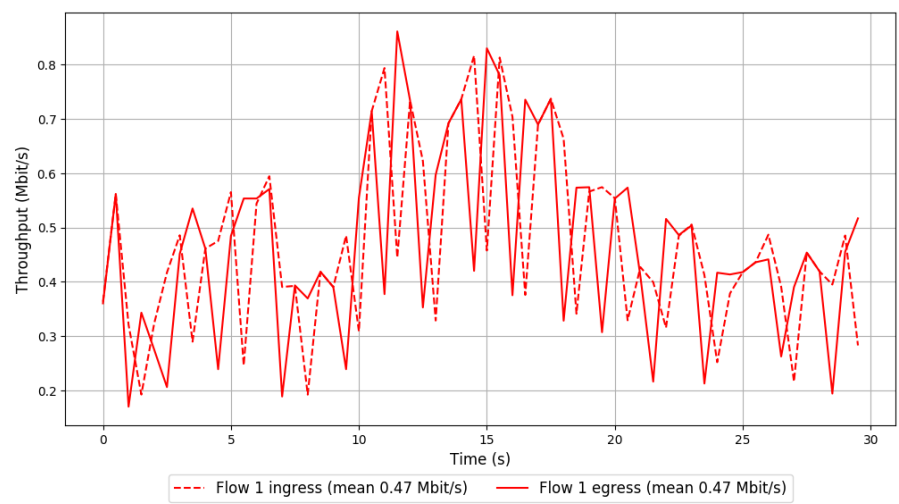
-- Flow 1:

Average throughput: 0.47 Mbit/s

95th percentile per-packet one-way delay: 104.140 ms

Loss rate: 0.85%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 02:59:43 +0000

End at: Sun, 09 Jul 2017 03:00:13 +0000

Local clock offset: 1.174 ms

Remote clock offset: 0.648 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.43 Mbit/s

95th percentile per-packet one-way delay: 80.878 ms

Loss rate: 4.67%

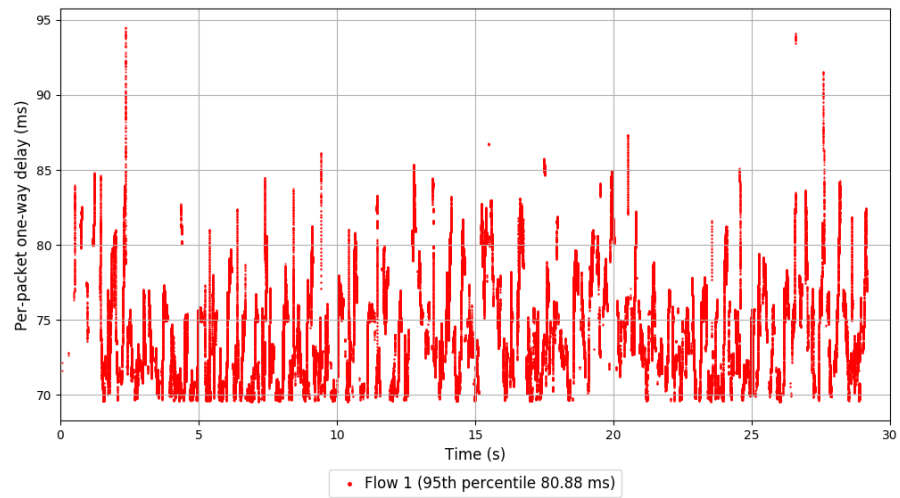
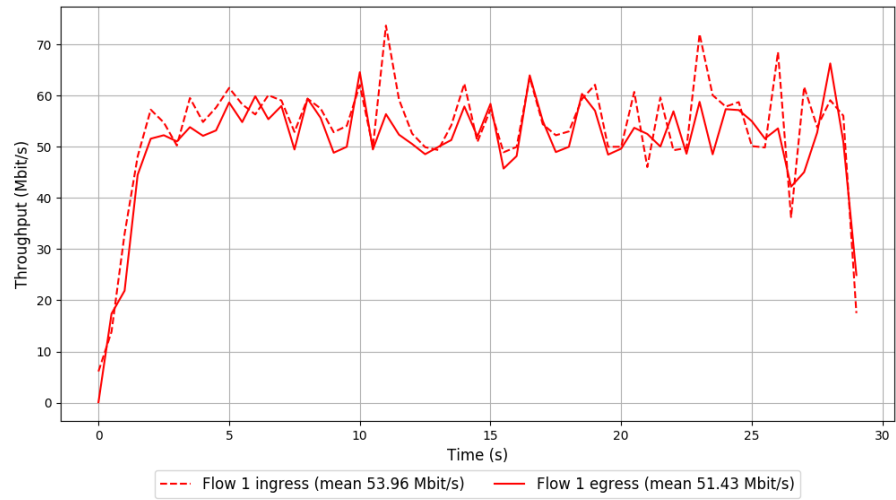
-- Flow 1:

Average throughput: 51.43 Mbit/s

95th percentile per-packet one-way delay: 80.878 ms

Loss rate: 4.67%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 03:17:46 +0000

End at: Sun, 09 Jul 2017 03:18:16 +0000

Local clock offset: 2.575 ms

Remote clock offset: 1.067 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.09 Mbit/s

95th percentile per-packet one-way delay: 85.060 ms

Loss rate: 2.53%

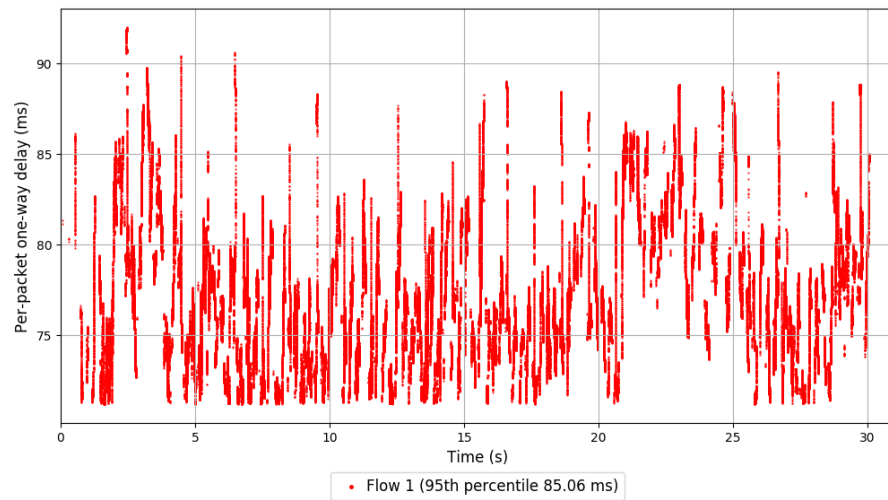
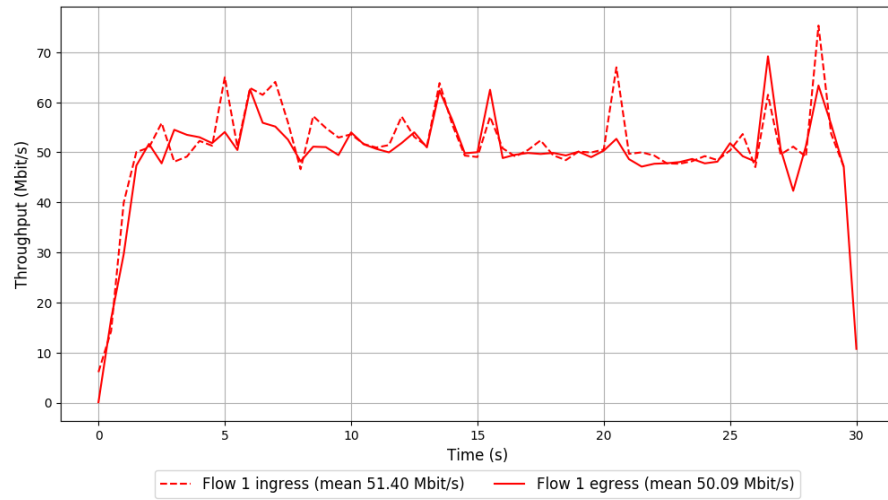
-- Flow 1:

Average throughput: 50.09 Mbit/s

95th percentile per-packet one-way delay: 85.060 ms

Loss rate: 2.53%

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



Run 3: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 03:35:48 +0000

End at: Sun, 09 Jul 2017 03:36:18 +0000

Local clock offset: 1.542 ms

Remote clock offset: 1.579 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.19 Mbit/s

95th percentile per-packet one-way delay: 89.327 ms

Loss rate: 2.57%

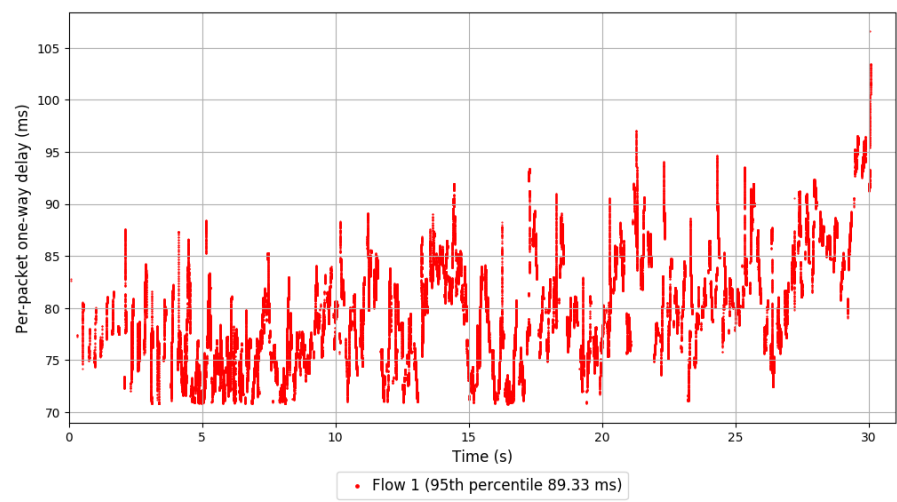
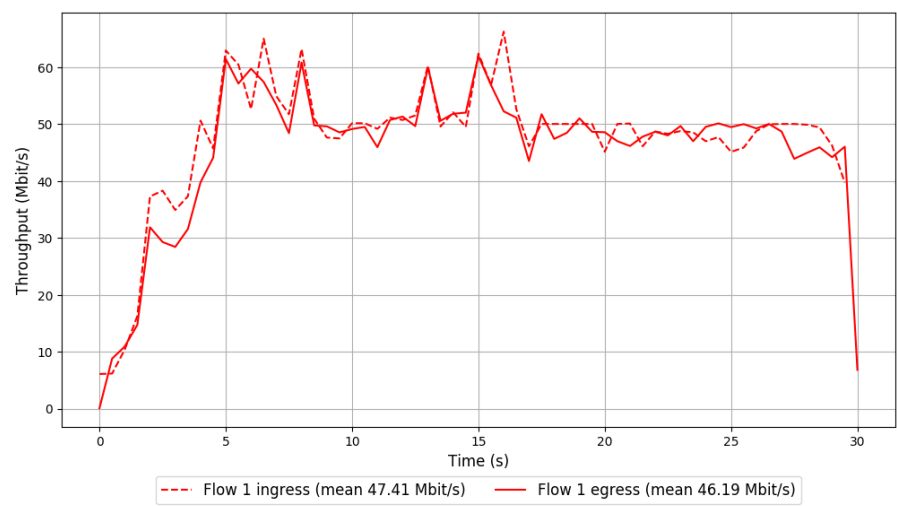
-- Flow 1:

Average throughput: 46.19 Mbit/s

95th percentile per-packet one-way delay: 89.327 ms

Loss rate: 2.57%

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 03:56:07 +0000

End at: Sun, 09 Jul 2017 03:56:37 +0000

Local clock offset: 1.775 ms

Remote clock offset: 1.937 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.44 Mbit/s

95th percentile per-packet one-way delay: 95.440 ms

Loss rate: 0.73%

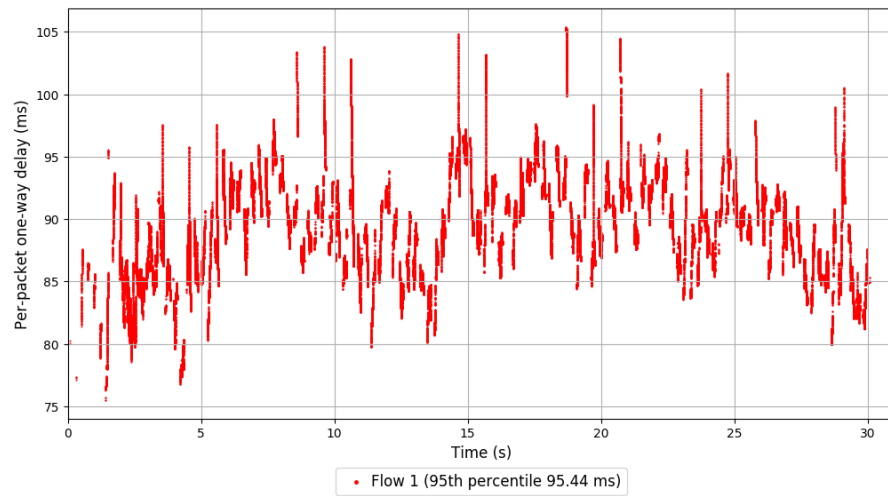
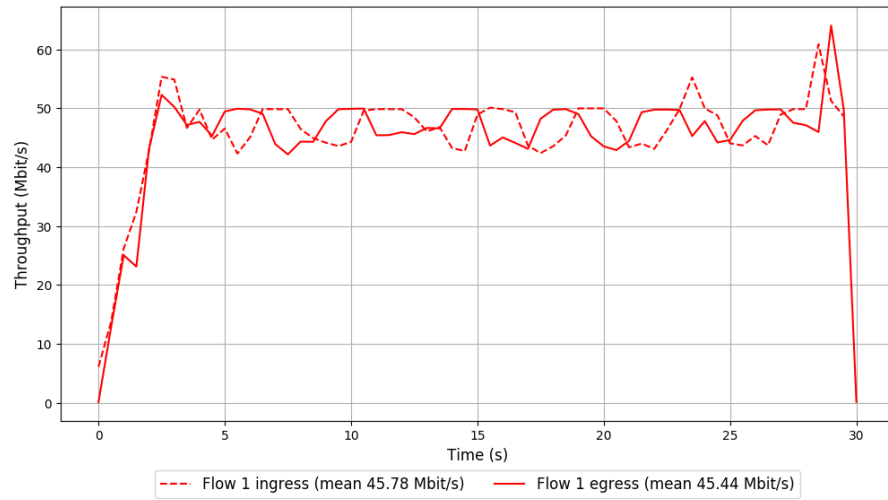
-- Flow 1:

Average throughput: 45.44 Mbit/s

95th percentile per-packet one-way delay: 95.440 ms

Loss rate: 0.73%

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



Run 5: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 04:14:15 +0000

End at: Sun, 09 Jul 2017 04:14:45 +0000

Local clock offset: 0.741 ms

Remote clock offset: 1.693 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.12 Mbit/s

95th percentile per-packet one-way delay: 100.143 ms

Loss rate: 2.39%

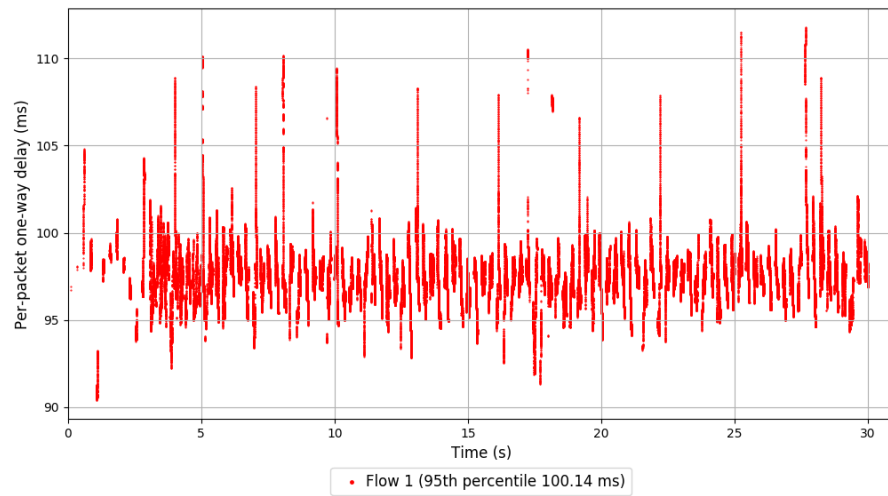
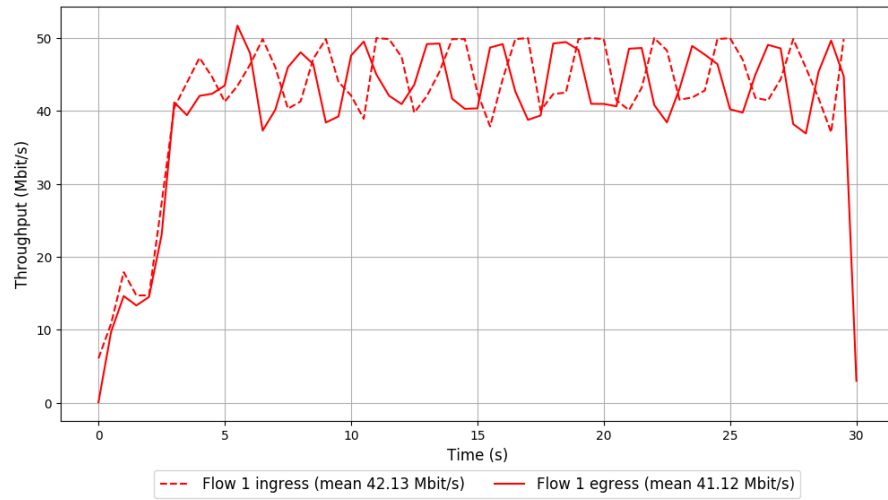
-- Flow 1:

Average throughput: 41.12 Mbit/s

95th percentile per-packet one-way delay: 100.143 ms

Loss rate: 2.39%

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



Run 6: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 04:32:17 +0000

End at: Sun, 09 Jul 2017 04:32:47 +0000

Local clock offset: 3.161 ms

Remote clock offset: 1.467 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.41 Mbit/s

95th percentile per-packet one-way delay: 100.639 ms

Loss rate: 2.09%

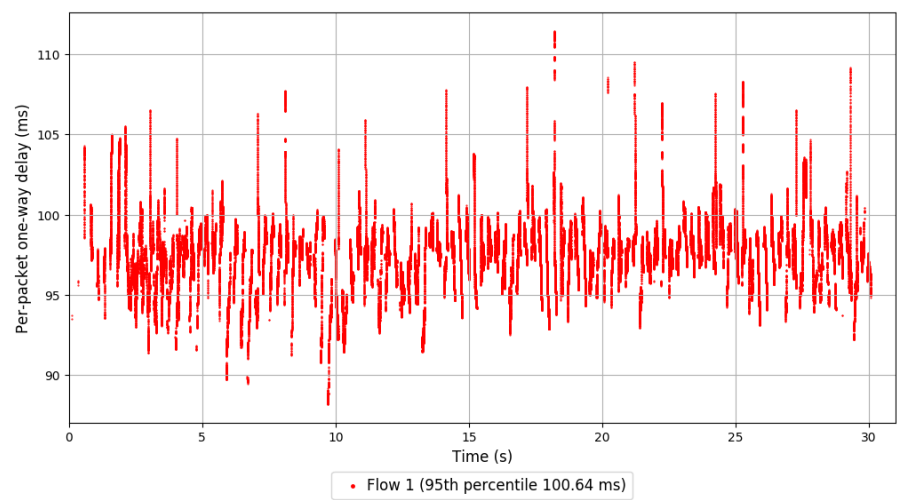
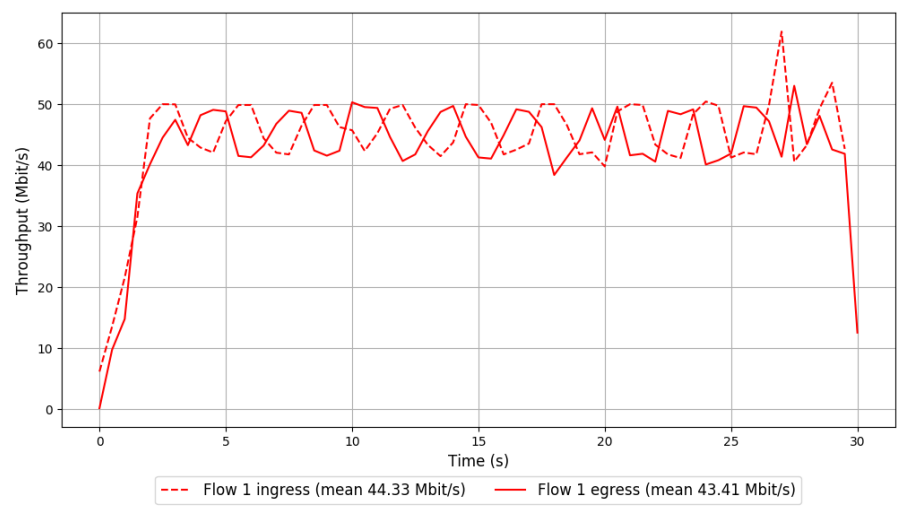
-- Flow 1:

Average throughput: 43.41 Mbit/s

95th percentile per-packet one-way delay: 100.639 ms

Loss rate: 2.09%

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



Run 7: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 04:50:26 +0000

End at: Sun, 09 Jul 2017 04:50:56 +0000

Local clock offset: 2.384 ms

Remote clock offset: 1.031 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.16 Mbit/s

95th percentile per-packet one-way delay: 103.331 ms

Loss rate: 1.52%

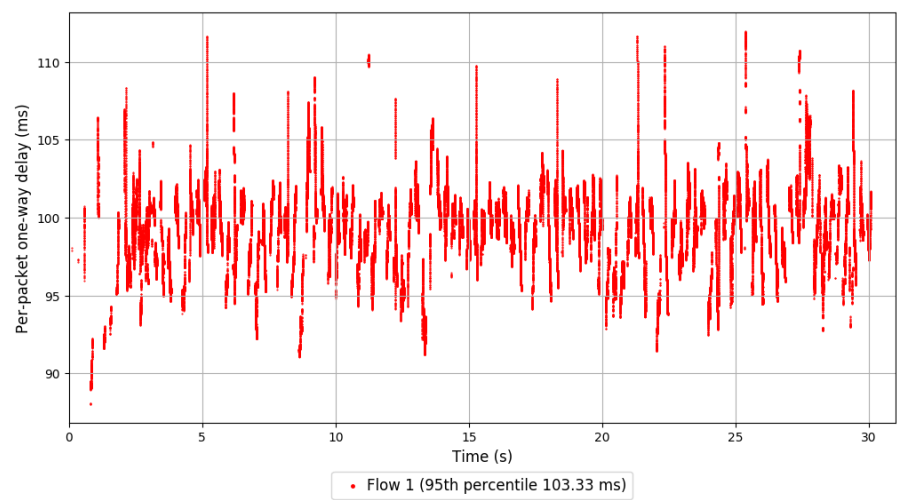
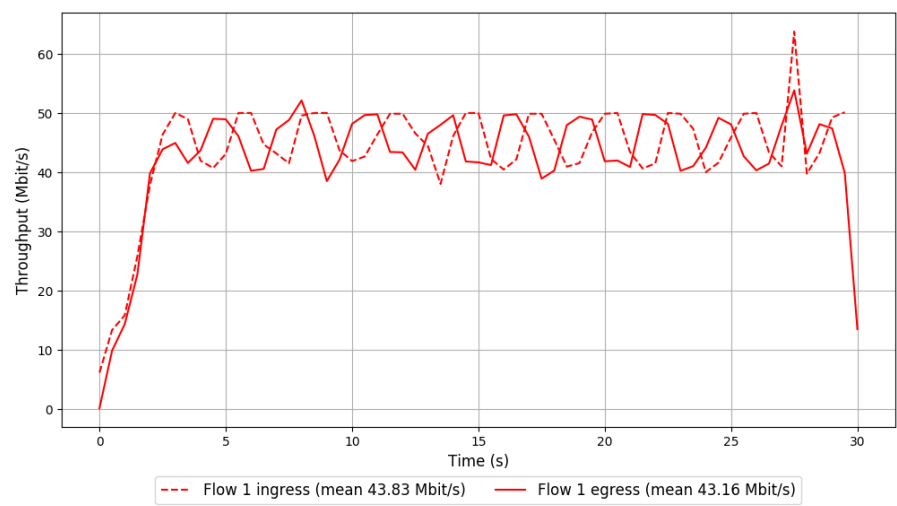
-- Flow 1:

Average throughput: 43.16 Mbit/s

95th percentile per-packet one-way delay: 103.331 ms

Loss rate: 1.52%

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



Run 8: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 05:08:32 +0000

End at: Sun, 09 Jul 2017 05:09:02 +0000

Local clock offset: 2.485 ms

Remote clock offset: 0.716 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.97 Mbit/s

95th percentile per-packet one-way delay: 98.271 ms

Loss rate: 1.59%

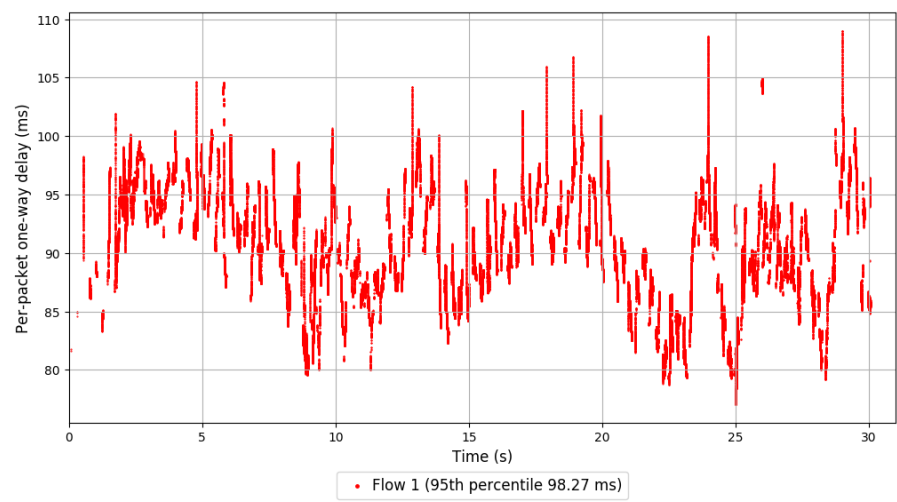
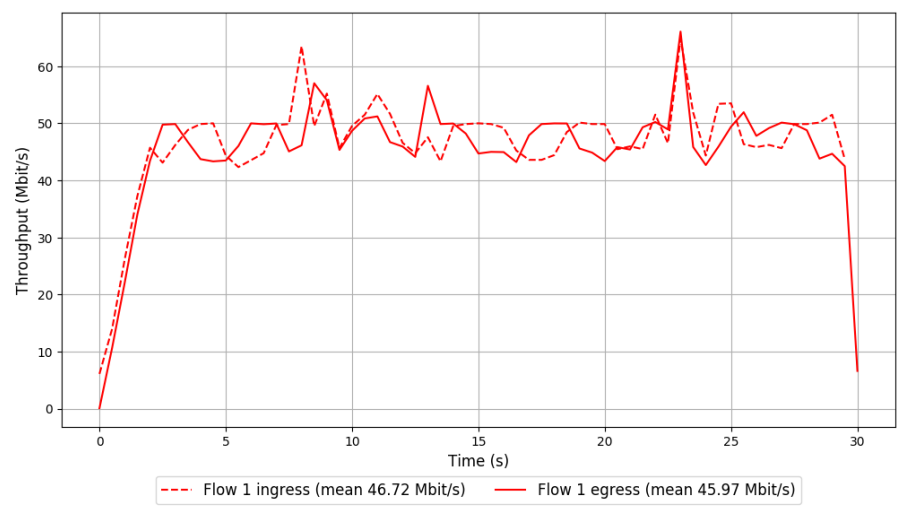
-- Flow 1:

Average throughput: 45.97 Mbit/s

95th percentile per-packet one-way delay: 98.271 ms

Loss rate: 1.59%

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



Run 9: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 05:26:36 +0000

End at: Sun, 09 Jul 2017 05:27:06 +0000

Local clock offset: 3.821 ms

Remote clock offset: 0.463 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.63 Mbit/s

95th percentile per-packet one-way delay: 105.838 ms

Loss rate: 2.57%

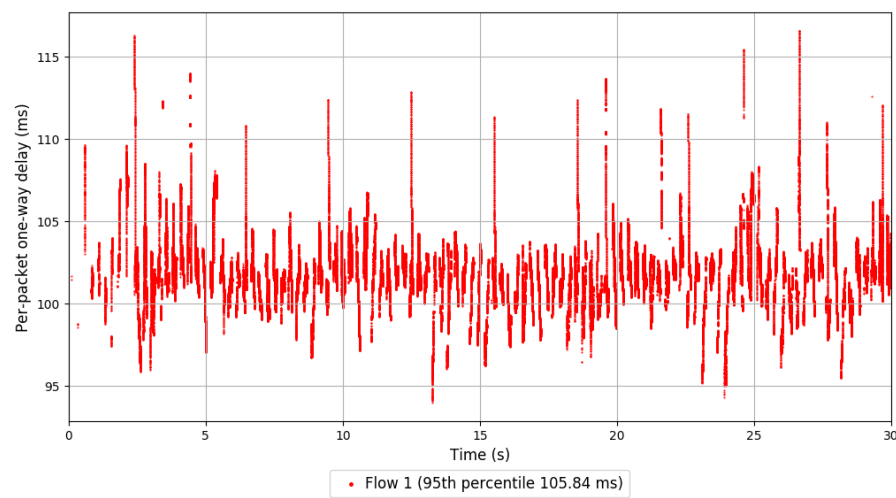
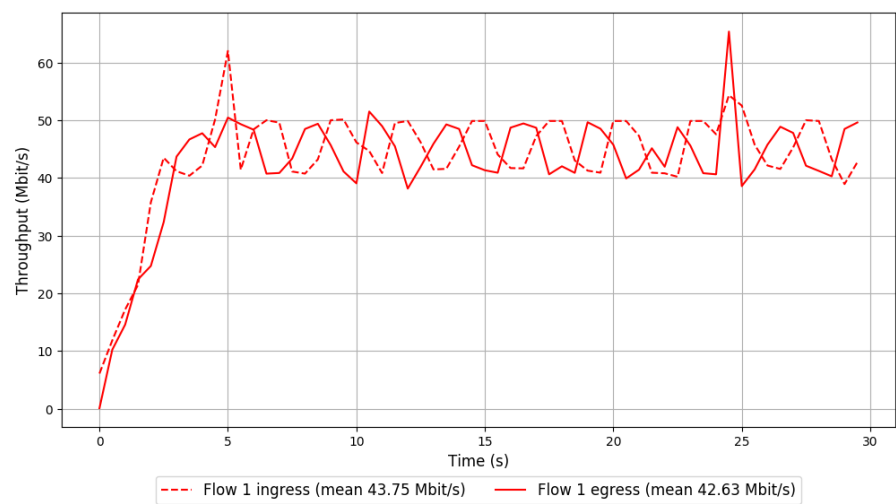
-- Flow 1:

Average throughput: 42.63 Mbit/s

95th percentile per-packet one-way delay: 105.838 ms

Loss rate: 2.57%

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



Run 10: Statistics of TaoVA-100x

Start at: Sun, 09 Jul 2017 05:44:54 +0000

End at: Sun, 09 Jul 2017 05:45:24 +0000

Local clock offset: 3.164 ms

Remote clock offset: 0.245 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:54 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.83 Mbit/s

95th percentile per-packet one-way delay: 103.691 ms

Loss rate: 2.46%

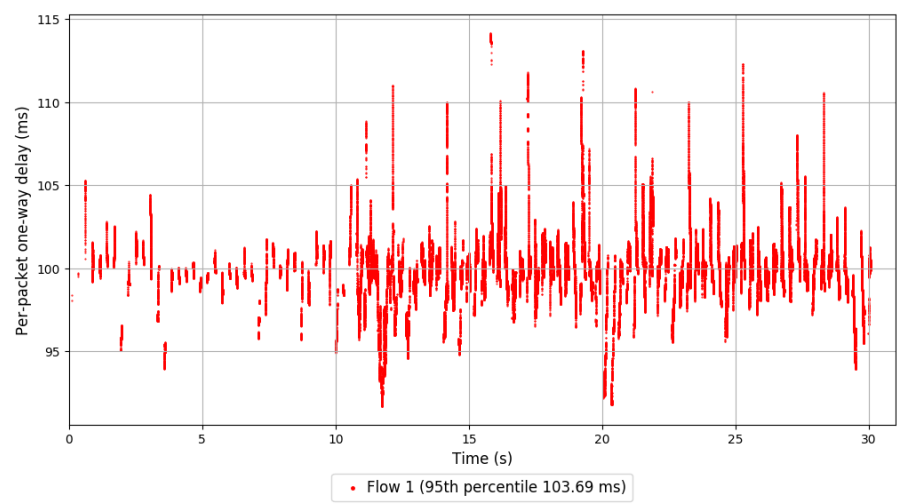
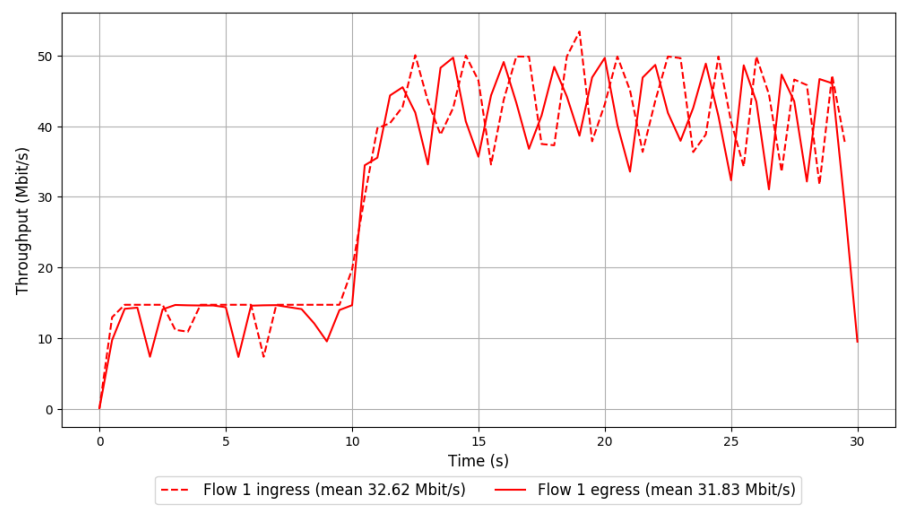
-- Flow 1:

Average throughput: 31.83 Mbit/s

95th percentile per-packet one-way delay: 103.691 ms

Loss rate: 2.46%

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 02:57:18 +0000

End at: Sun, 09 Jul 2017 02:57:48 +0000

Local clock offset: 2.669 ms

Remote clock offset: 0.522 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.03 Mbit/s

95th percentile per-packet one-way delay: 79.648 ms

Loss rate: 0.83%

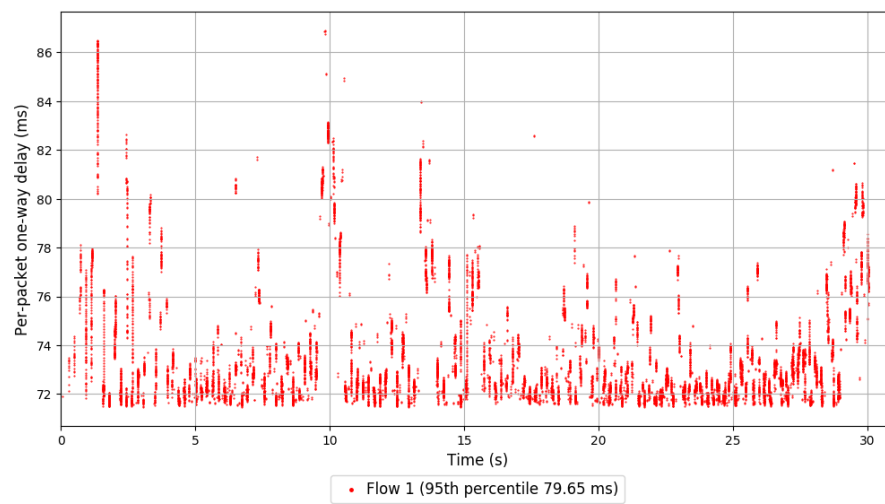
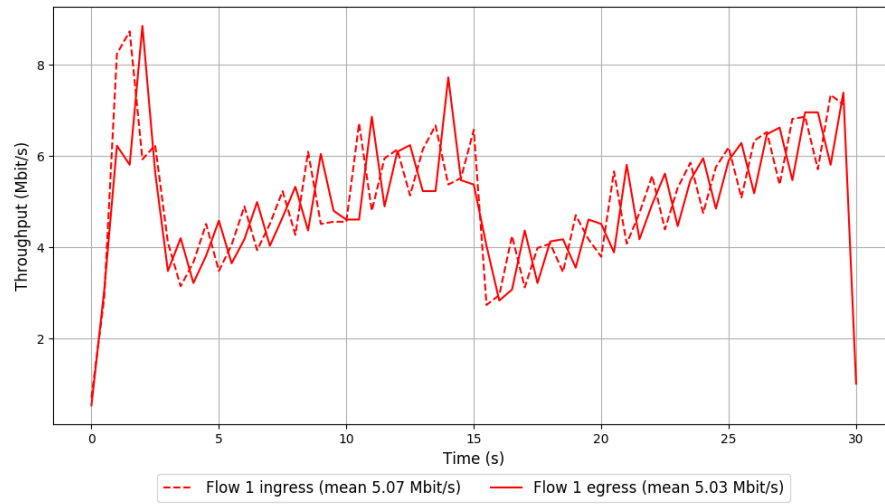
-- Flow 1:

Average throughput: 5.03 Mbit/s

95th percentile per-packet one-way delay: 79.648 ms

Loss rate: 0.83%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 03:15:25 +0000

End at: Sun, 09 Jul 2017 03:15:55 +0000

Local clock offset: 1.405 ms

Remote clock offset: 1.062 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.81 Mbit/s

95th percentile per-packet one-way delay: 82.279 ms

Loss rate: 0.51%

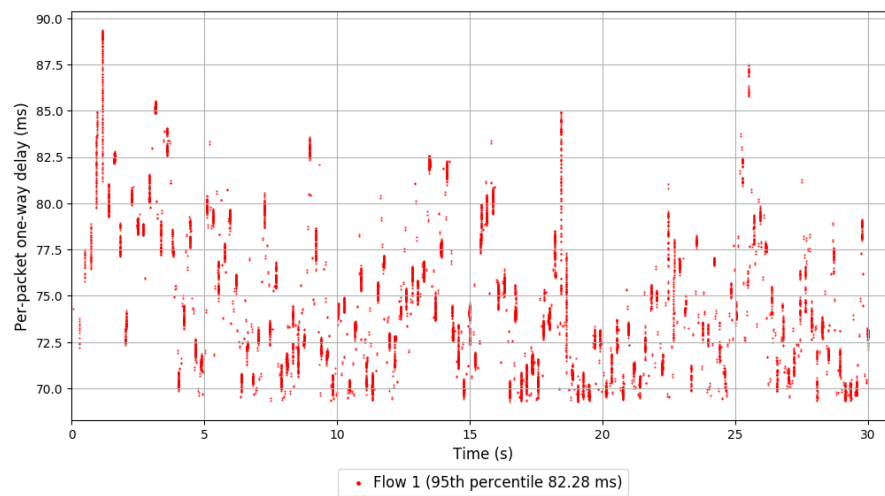
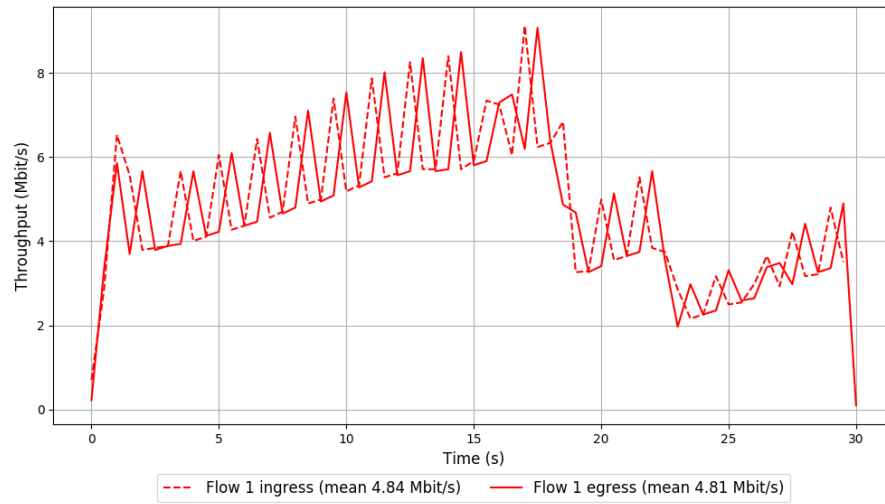
-- Flow 1:

Average throughput: 4.81 Mbit/s

95th percentile per-packet one-way delay: 82.279 ms

Loss rate: 0.51%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 03:33:25 +0000

End at: Sun, 09 Jul 2017 03:33:55 +0000

Local clock offset: 1.541 ms

Remote clock offset: 1.476 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 82.429 ms

Loss rate: 0.60%

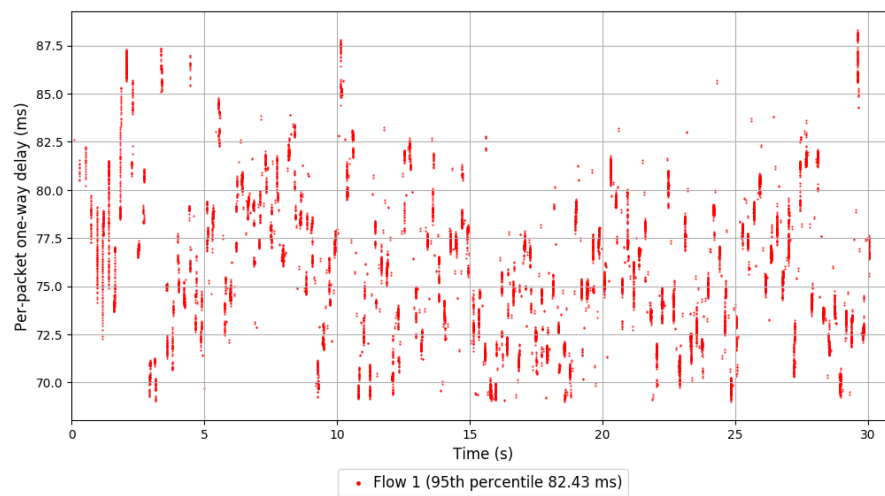
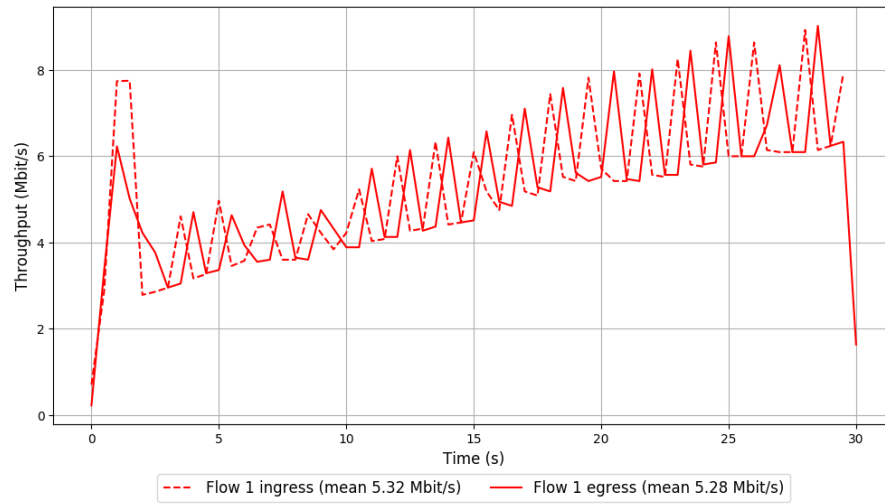
-- Flow 1:

Average throughput: 5.28 Mbit/s

95th percentile per-packet one-way delay: 82.429 ms

Loss rate: 0.60%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 03:53:46 +0000

End at: Sun, 09 Jul 2017 03:54:16 +0000

Local clock offset: 1.751 ms

Remote clock offset: 1.99 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 97.629 ms

Loss rate: 0.74%

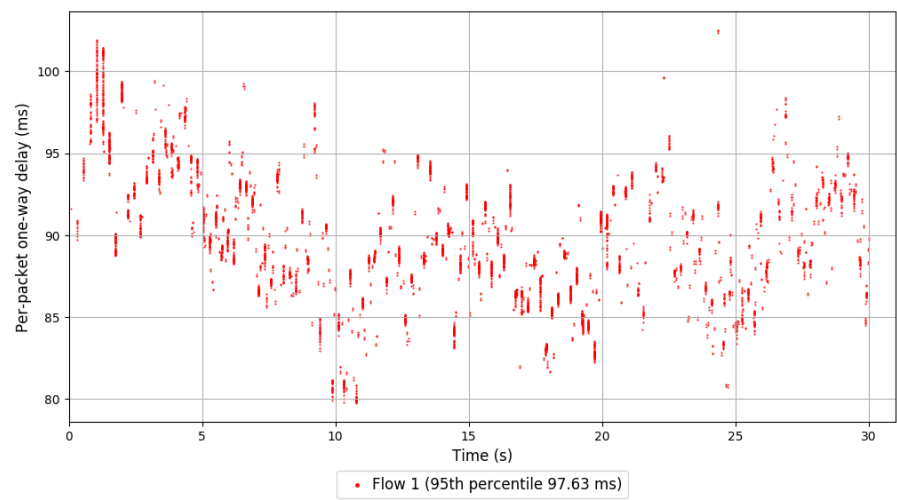
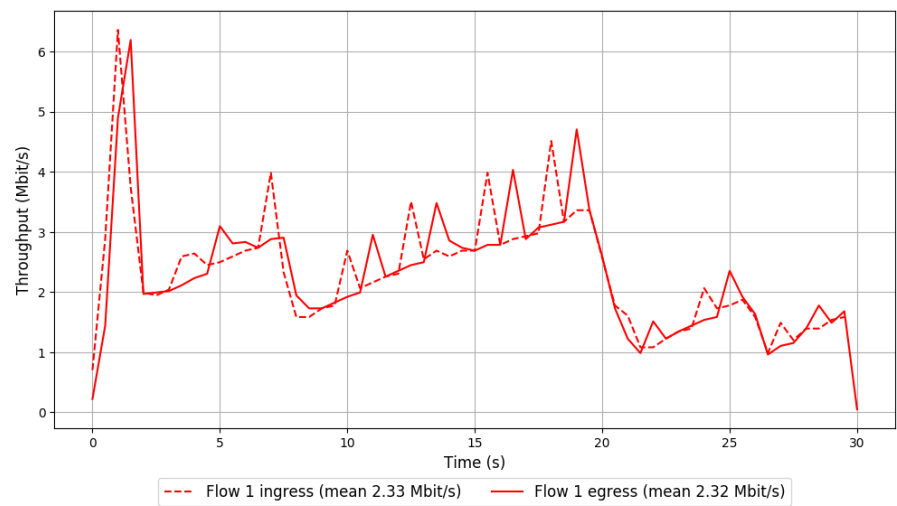
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 97.629 ms

Loss rate: 0.74%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 04:11:49 +0000

End at: Sun, 09 Jul 2017 04:12:19 +0000

Local clock offset: 3.13 ms

Remote clock offset: 1.778 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.79 Mbit/s

95th percentile per-packet one-way delay: 100.748 ms

Loss rate: 2.27%

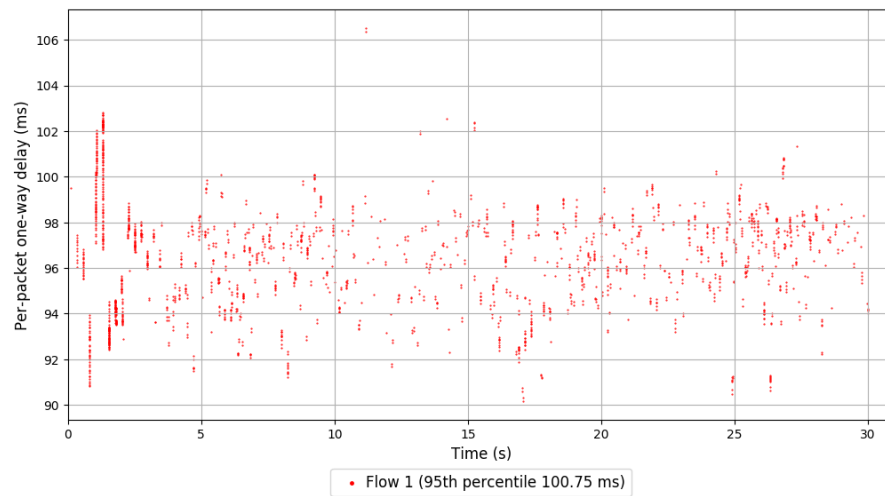
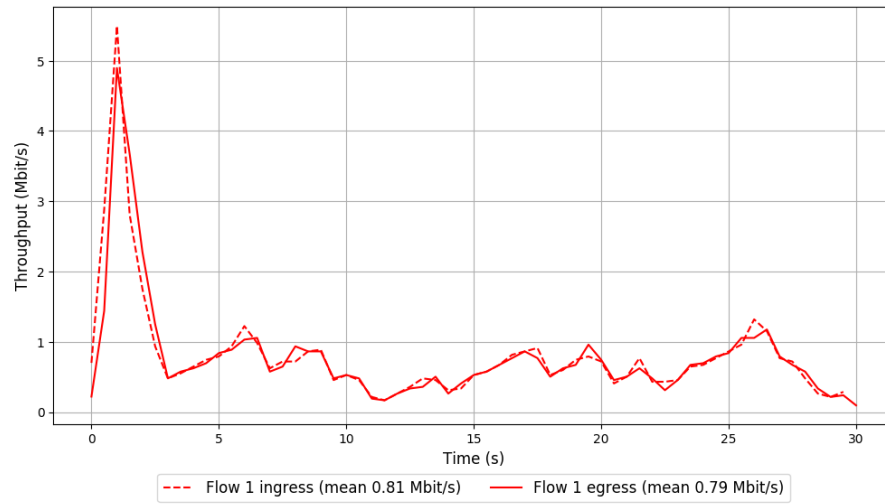
-- Flow 1:

Average throughput: 0.79 Mbit/s

95th percentile per-packet one-way delay: 100.748 ms

Loss rate: 2.27%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 04:29:56 +0000

End at: Sun, 09 Jul 2017 04:30:26 +0000

Local clock offset: 2.262 ms

Remote clock offset: 1.528 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:17:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.62 Mbit/s

95th percentile per-packet one-way delay: 102.636 ms

Loss rate: 1.46%

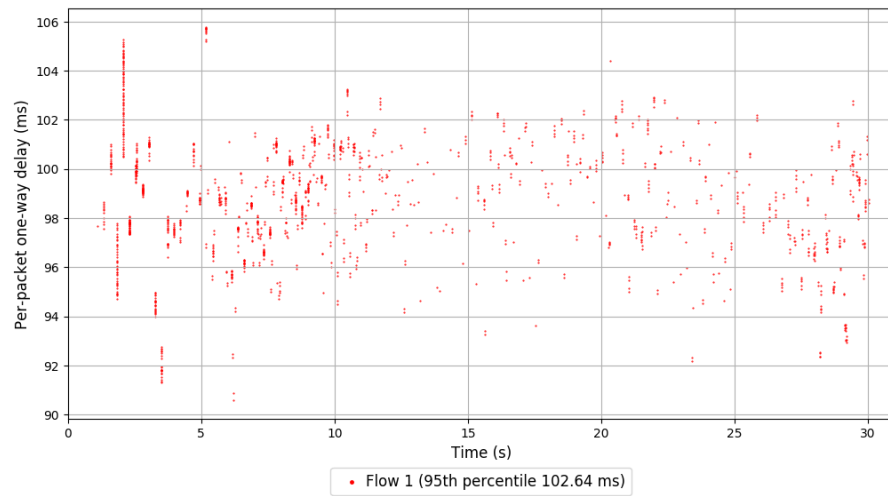
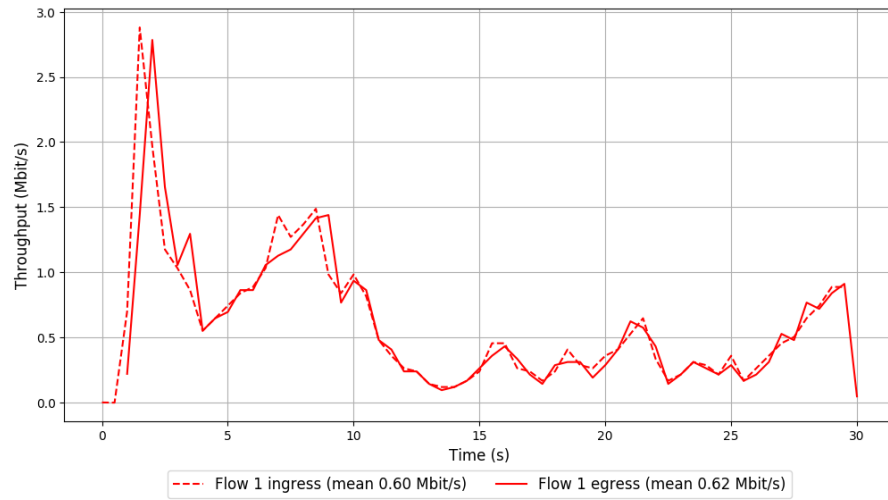
-- Flow 1:

Average throughput: 0.62 Mbit/s

95th percentile per-packet one-way delay: 102.636 ms

Loss rate: 1.46%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 04:48:05 +0000

End at: Sun, 09 Jul 2017 04:48:35 +0000

Local clock offset: 3.766 ms

Remote clock offset: 1.072 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 98.334 ms

Loss rate: 0.74%

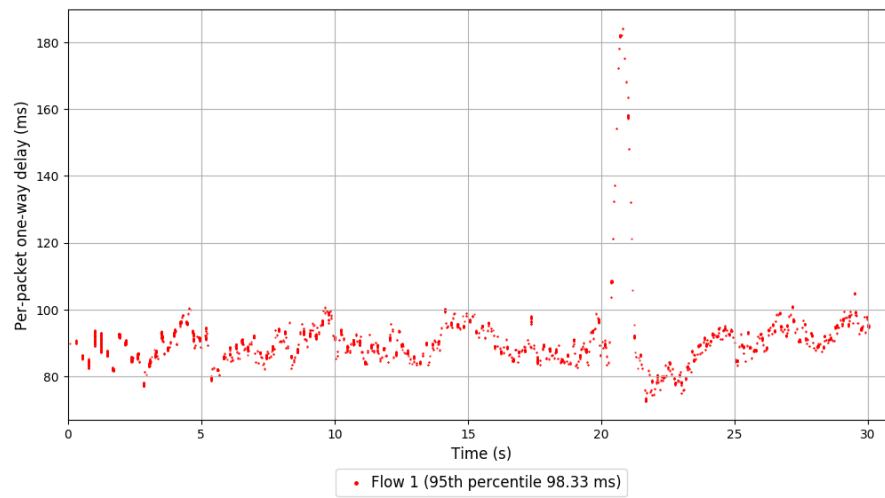
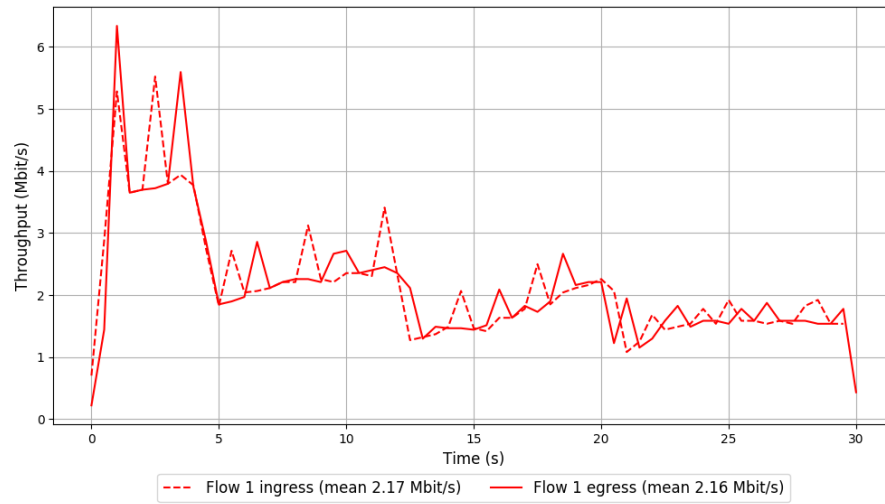
-- Flow 1:

Average throughput: 2.16 Mbit/s

95th percentile per-packet one-way delay: 98.334 ms

Loss rate: 0.74%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 05:06:10 +0000

End at: Sun, 09 Jul 2017 05:06:40 +0000

Local clock offset: 2.576 ms

Remote clock offset: 0.736 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 99.933 ms

Loss rate: 0.74%

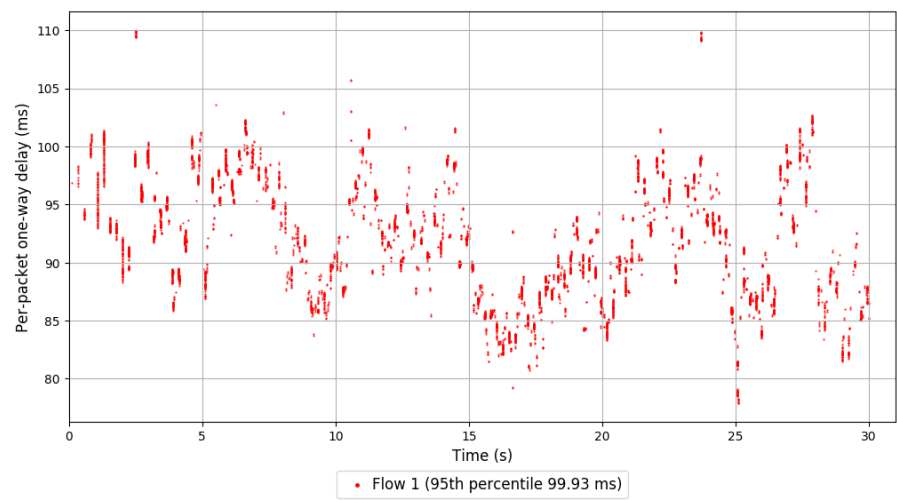
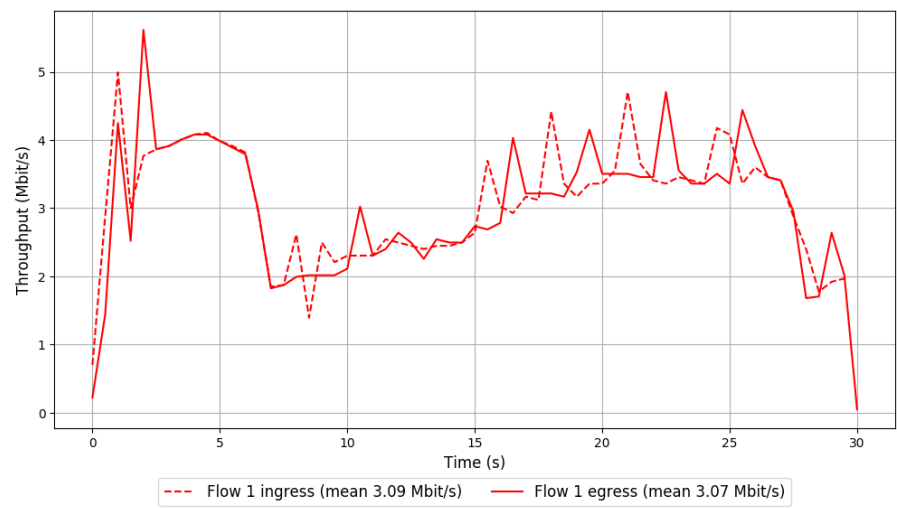
-- Flow 1:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 99.933 ms

Loss rate: 0.74%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 05:24:10 +0000

End at: Sun, 09 Jul 2017 05:24:40 +0000

Local clock offset: 3.641 ms

Remote clock offset: 0.499 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.59 Mbit/s

95th percentile per-packet one-way delay: 102.529 ms

Loss rate: 2.31%

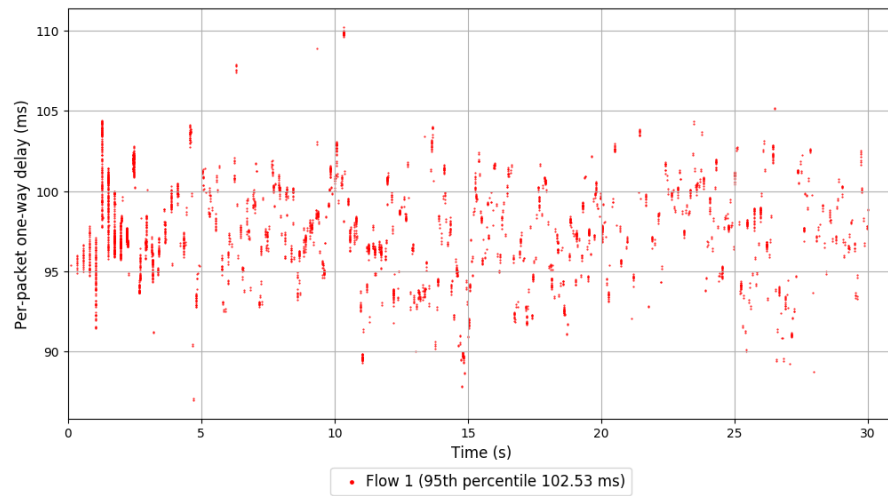
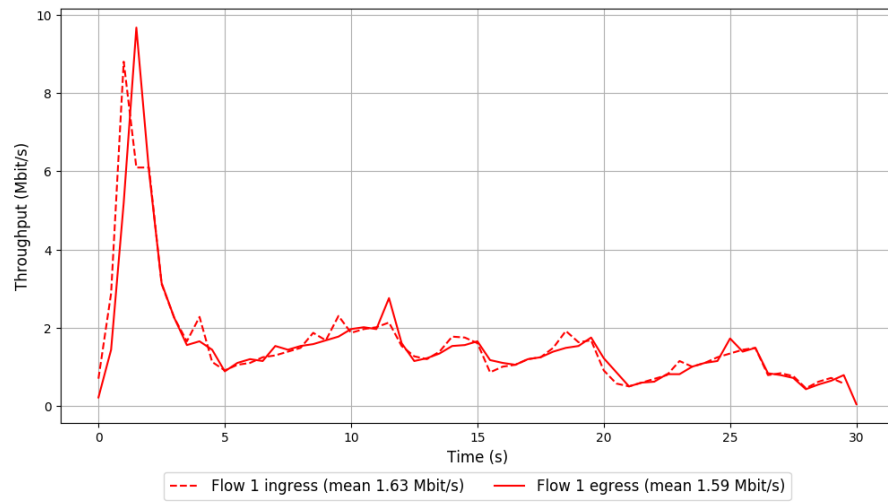
-- Flow 1:

Average throughput: 1.59 Mbit/s

95th percentile per-packet one-way delay: 102.529 ms

Loss rate: 2.31%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sun, 09 Jul 2017 05:42:33 +0000

End at: Sun, 09 Jul 2017 05:43:03 +0000

Local clock offset: 4.483 ms

Remote clock offset: 0.363 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:01 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.00 Mbit/s

95th percentile per-packet one-way delay: 101.663 ms

Loss rate: 2.35%

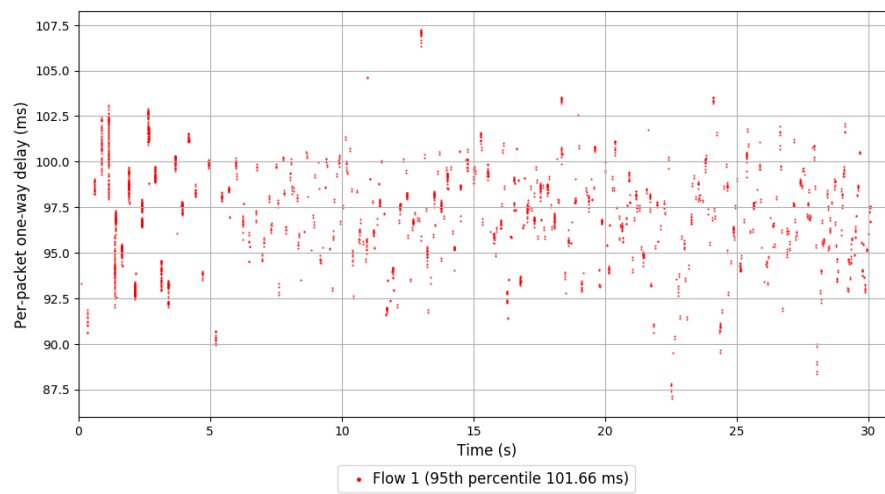
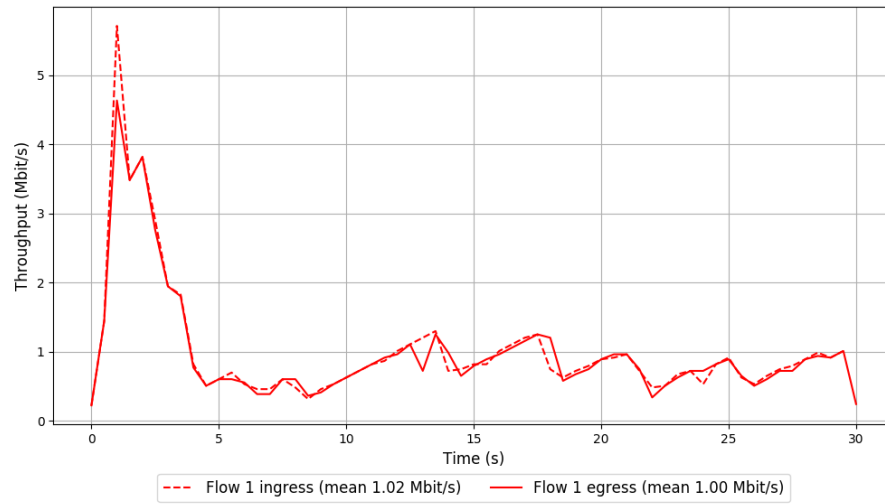
-- Flow 1:

Average throughput: 1.00 Mbit/s

95th percentile per-packet one-way delay: 101.663 ms

Loss rate: 2.35%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sun, 09 Jul 2017 03:10:37 +0000

End at: Sun, 09 Jul 2017 03:11:07 +0000

Local clock offset: 1.418 ms

Remote clock offset: 0.908 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.06 Mbit/s

95th percentile per-packet one-way delay: 97.051 ms

Loss rate: 67.62%

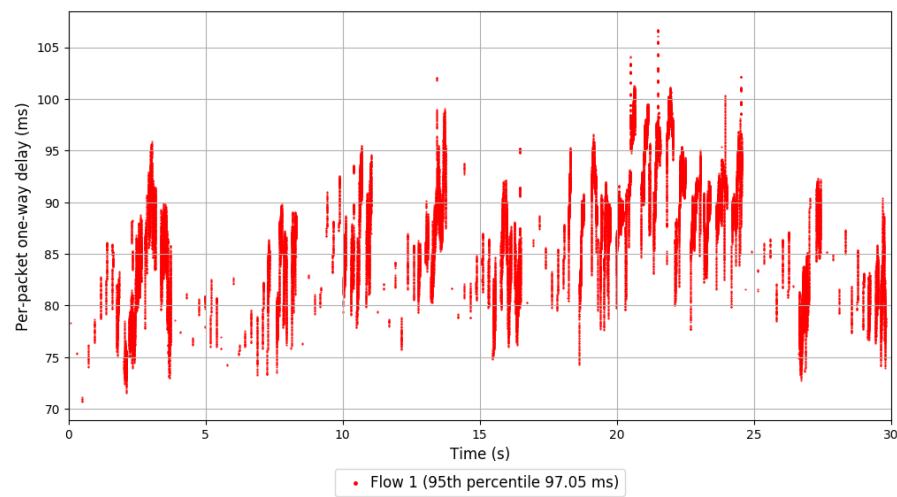
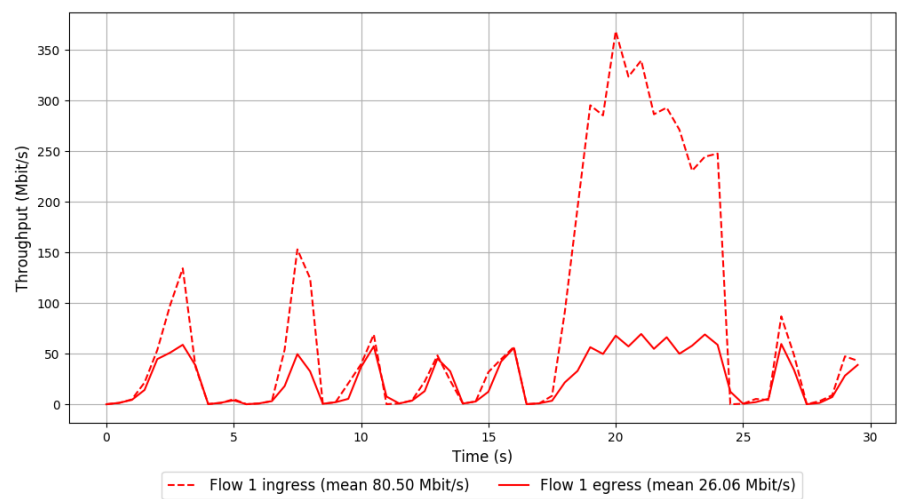
-- Flow 1:

Average throughput: 26.06 Mbit/s

95th percentile per-packet one-way delay: 97.051 ms

Loss rate: 67.62%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 09 Jul 2017 03:28:37 +0000

End at: Sun, 09 Jul 2017 03:29:07 +0000

Local clock offset: 1.373 ms

Remote clock offset: 1.391 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.08 Mbit/s

95th percentile per-packet one-way delay: 86.145 ms

Loss rate: 63.72%

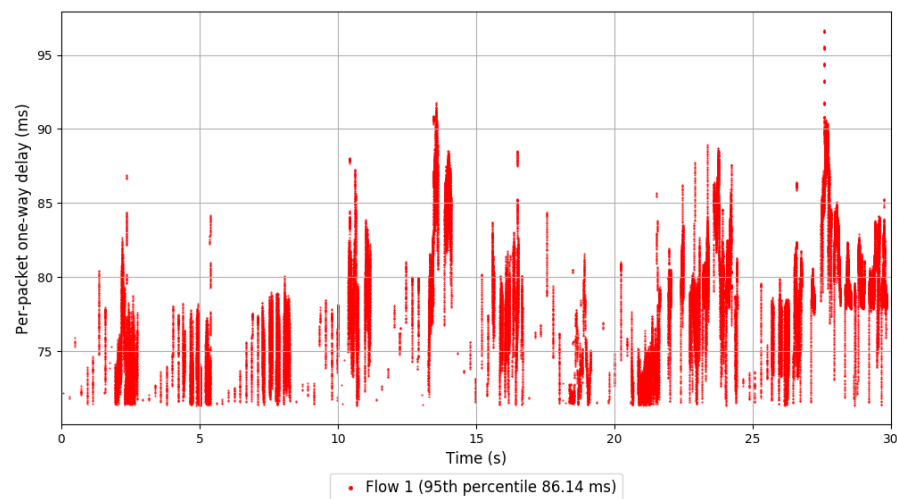
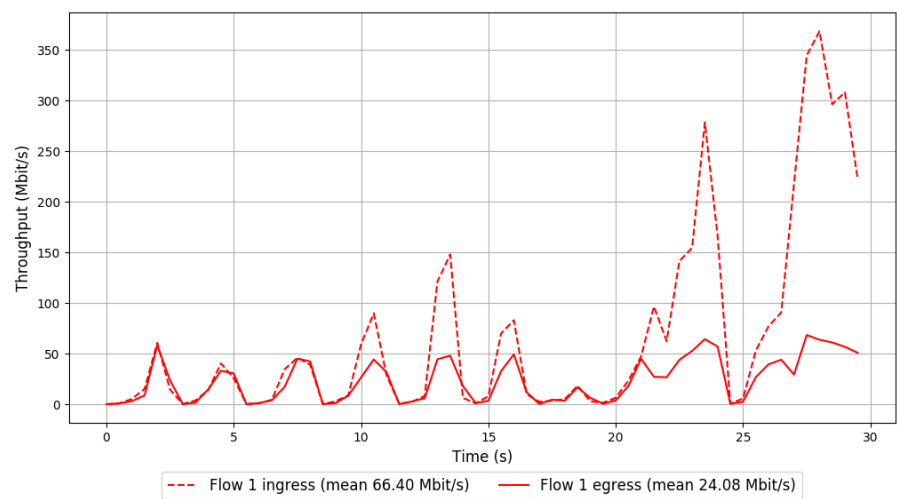
-- Flow 1:

Average throughput: 24.08 Mbit/s

95th percentile per-packet one-way delay: 86.145 ms

Loss rate: 63.72%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sun, 09 Jul 2017 03:48:45 +0000

End at: Sun, 09 Jul 2017 03:49:15 +0000

Local clock offset: 3.058 ms

Remote clock offset: 1.939 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 92.560 ms

Loss rate: 74.51%

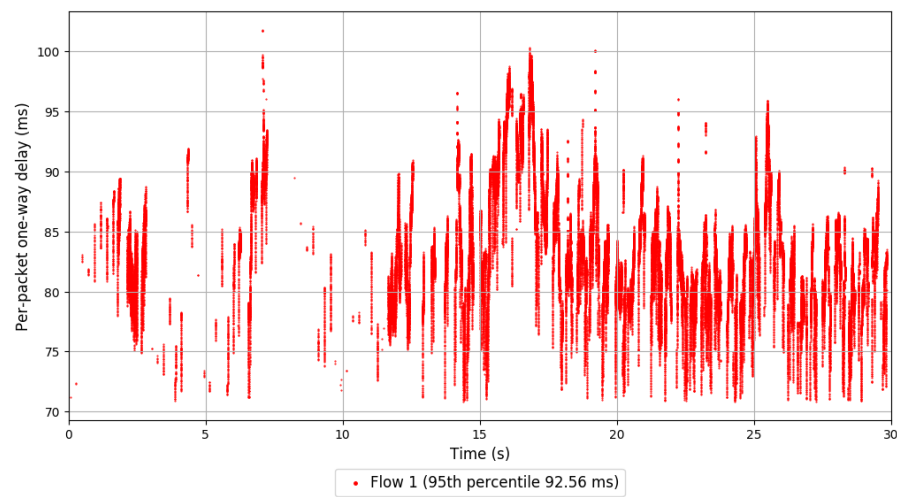
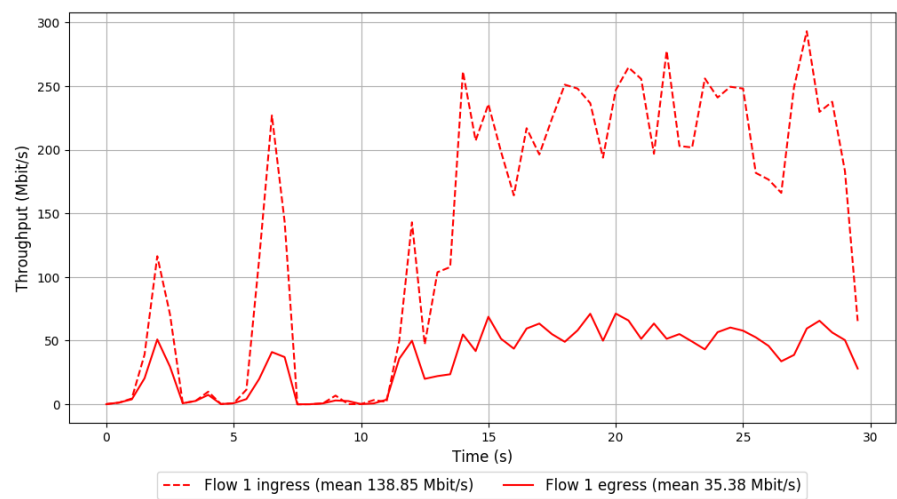
-- Flow 1:

Average throughput: 35.38 Mbit/s

95th percentile per-packet one-way delay: 92.560 ms

Loss rate: 74.51%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sun, 09 Jul 2017 04:07:01 +0000

End at: Sun, 09 Jul 2017 04:07:31 +0000

Local clock offset: 1.92 ms

Remote clock offset: 1.791 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.95 Mbit/s

95th percentile per-packet one-way delay: 103.326 ms

Loss rate: 50.91%

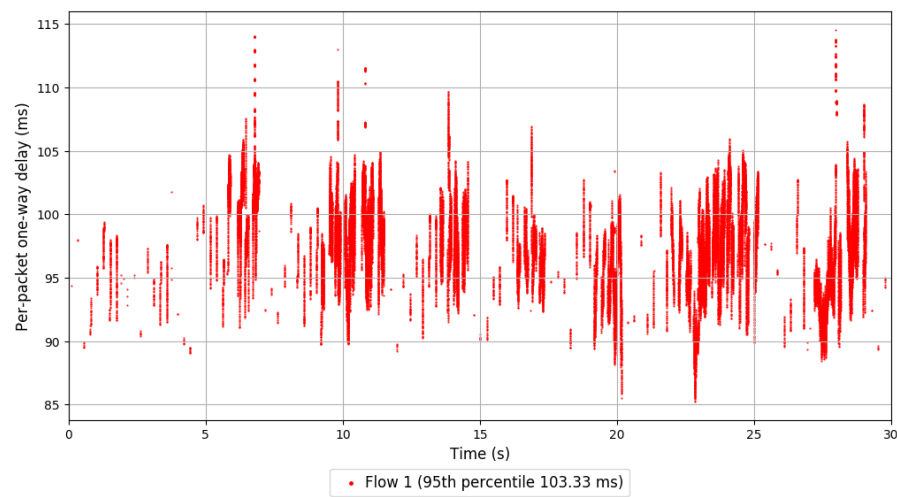
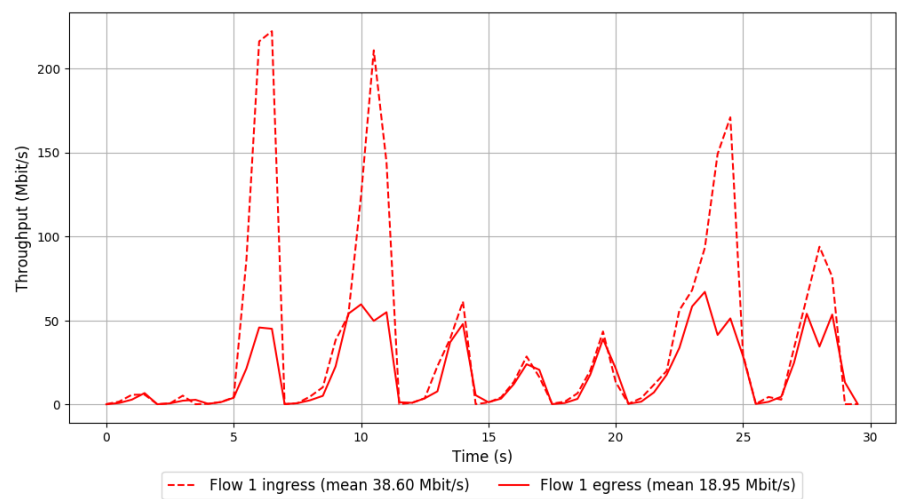
-- Flow 1:

Average throughput: 18.95 Mbit/s

95th percentile per-packet one-way delay: 103.326 ms

Loss rate: 50.91%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sun, 09 Jul 2017 04:25:07 +0000

End at: Sun, 09 Jul 2017 04:25:37 +0000

Local clock offset: 2.162 ms

Remote clock offset: 1.675 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.33 Mbit/s

95th percentile per-packet one-way delay: 105.748 ms

Loss rate: 72.85%

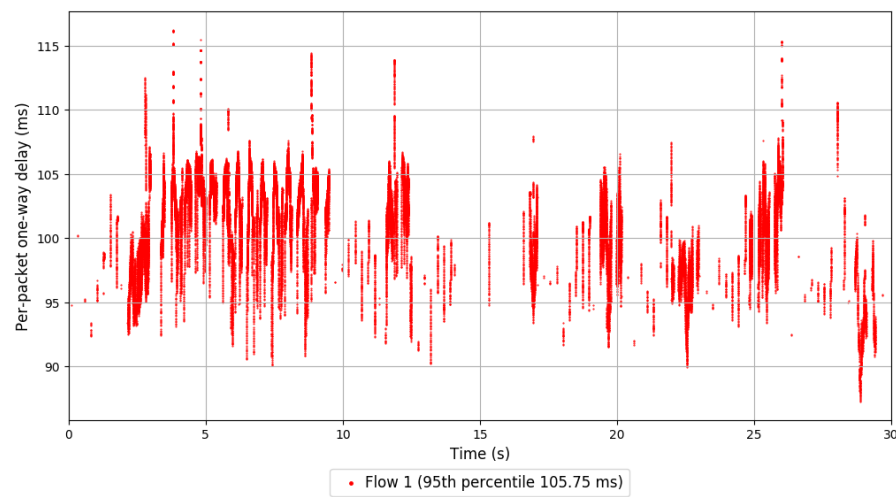
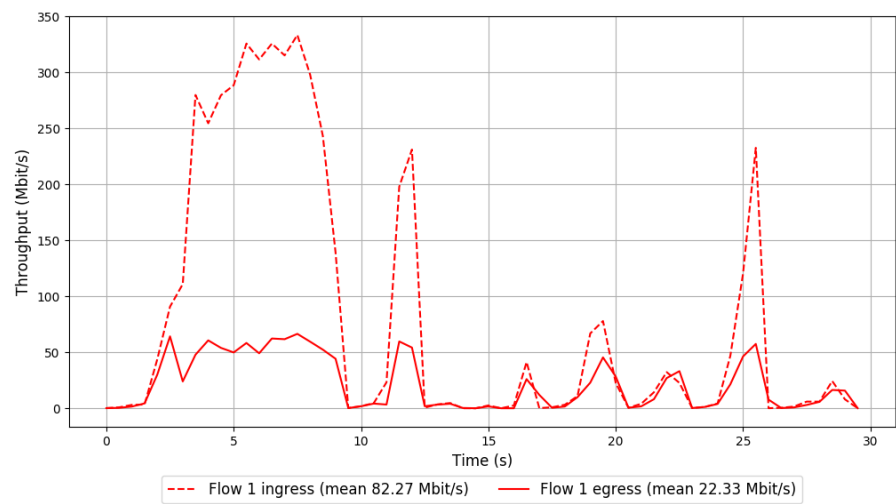
-- Flow 1:

Average throughput: 22.33 Mbit/s

95th percentile per-packet one-way delay: 105.748 ms

Loss rate: 72.85%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 09 Jul 2017 04:43:11 +0000

End at: Sun, 09 Jul 2017 04:43:41 +0000

Local clock offset: 3.278 ms

Remote clock offset: 1.17 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.55 Mbit/s

95th percentile per-packet one-way delay: 104.742 ms

Loss rate: 70.48%

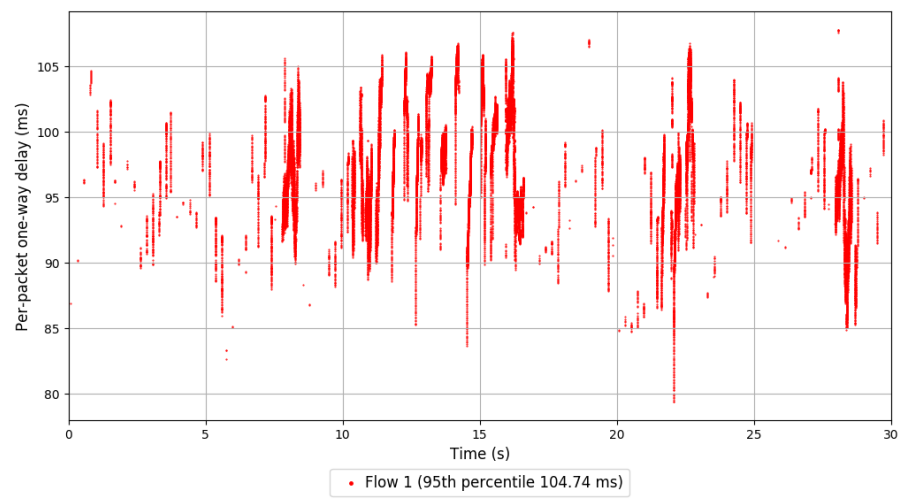
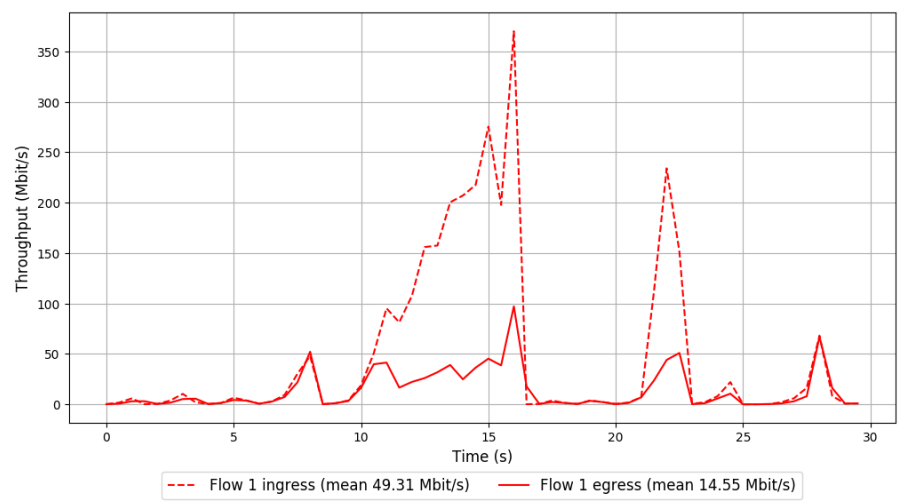
-- Flow 1:

Average throughput: 14.55 Mbit/s

95th percentile per-packet one-way delay: 104.742 ms

Loss rate: 70.48%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 09 Jul 2017 05:01:19 +0000

End at: Sun, 09 Jul 2017 05:01:49 +0000

Local clock offset: 2.549 ms

Remote clock offset: 0.814 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.83 Mbit/s

95th percentile per-packet one-way delay: 107.850 ms

Loss rate: 75.25%

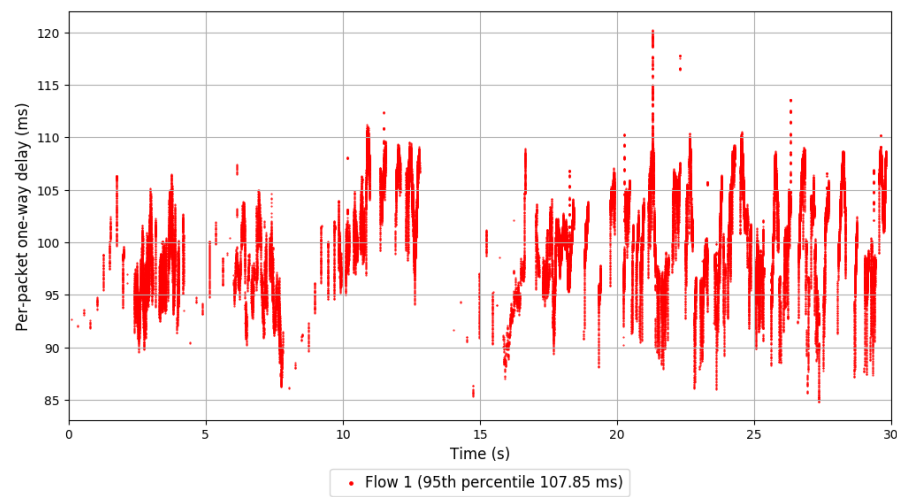
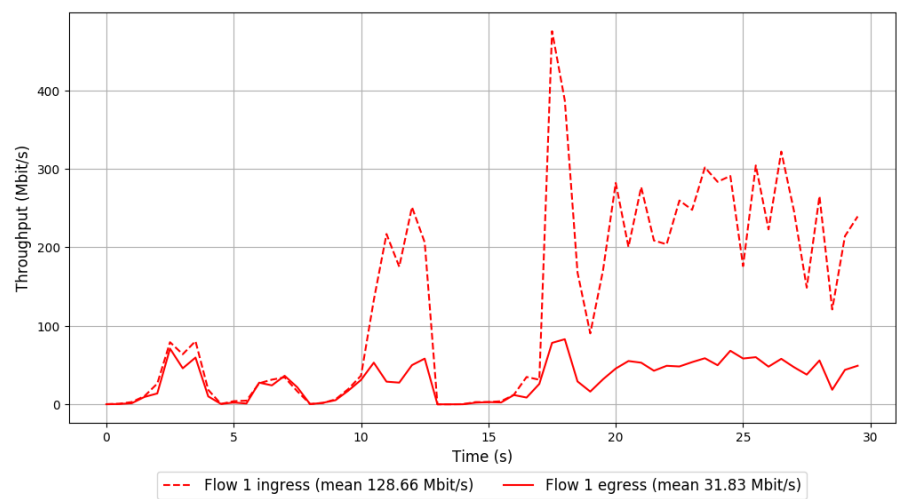
-- Flow 1:

Average throughput: 31.83 Mbit/s

95th percentile per-packet one-way delay: 107.850 ms

Loss rate: 75.25%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sun, 09 Jul 2017 05:19:21 +0000

End at: Sun, 09 Jul 2017 05:19:51 +0000

Local clock offset: 1.918 ms

Remote clock offset: 0.513 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.79 Mbit/s

95th percentile per-packet one-way delay: 109.646 ms

Loss rate: 72.66%

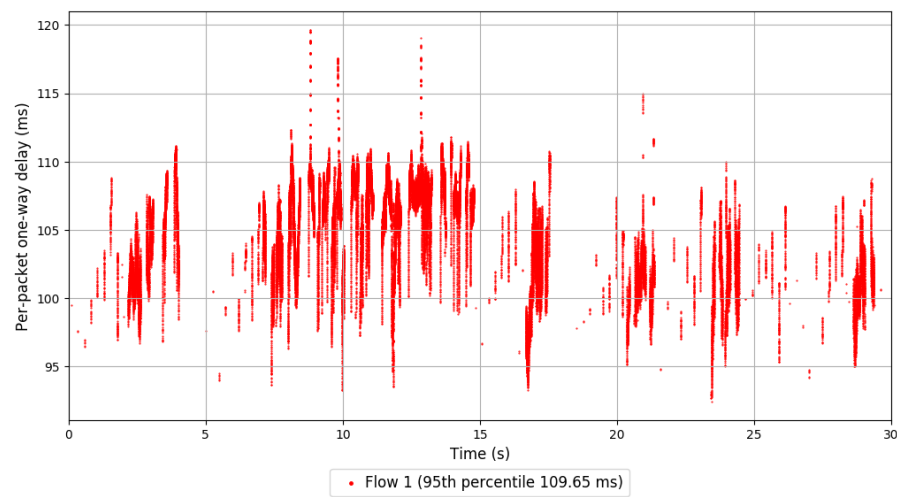
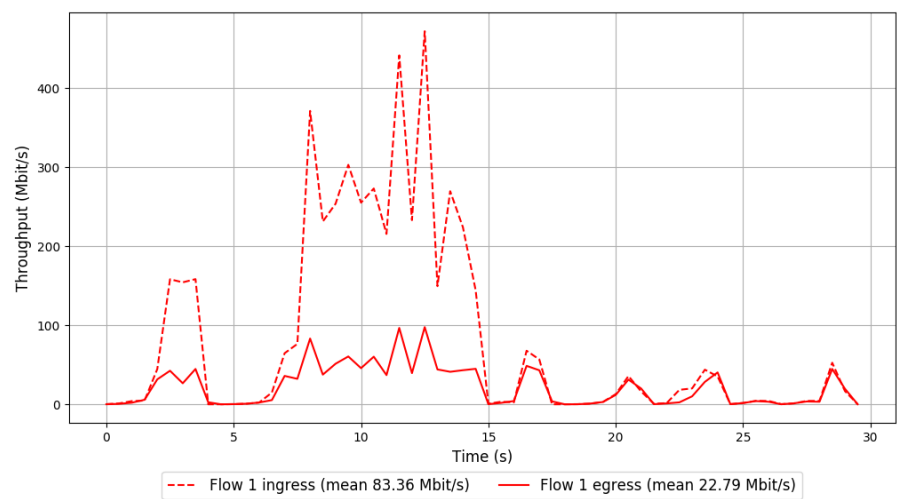
-- Flow 1:

Average throughput: 22.79 Mbit/s

95th percentile per-packet one-way delay: 109.646 ms

Loss rate: 72.66%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Sun, 09 Jul 2017 05:37:34 +0000

End at: Sun, 09 Jul 2017 05:38:04 +0000

Local clock offset: 2.966 ms

Remote clock offset: 0.368 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.58 Mbit/s

95th percentile per-packet one-way delay: 107.736 ms

Loss rate: 74.00%

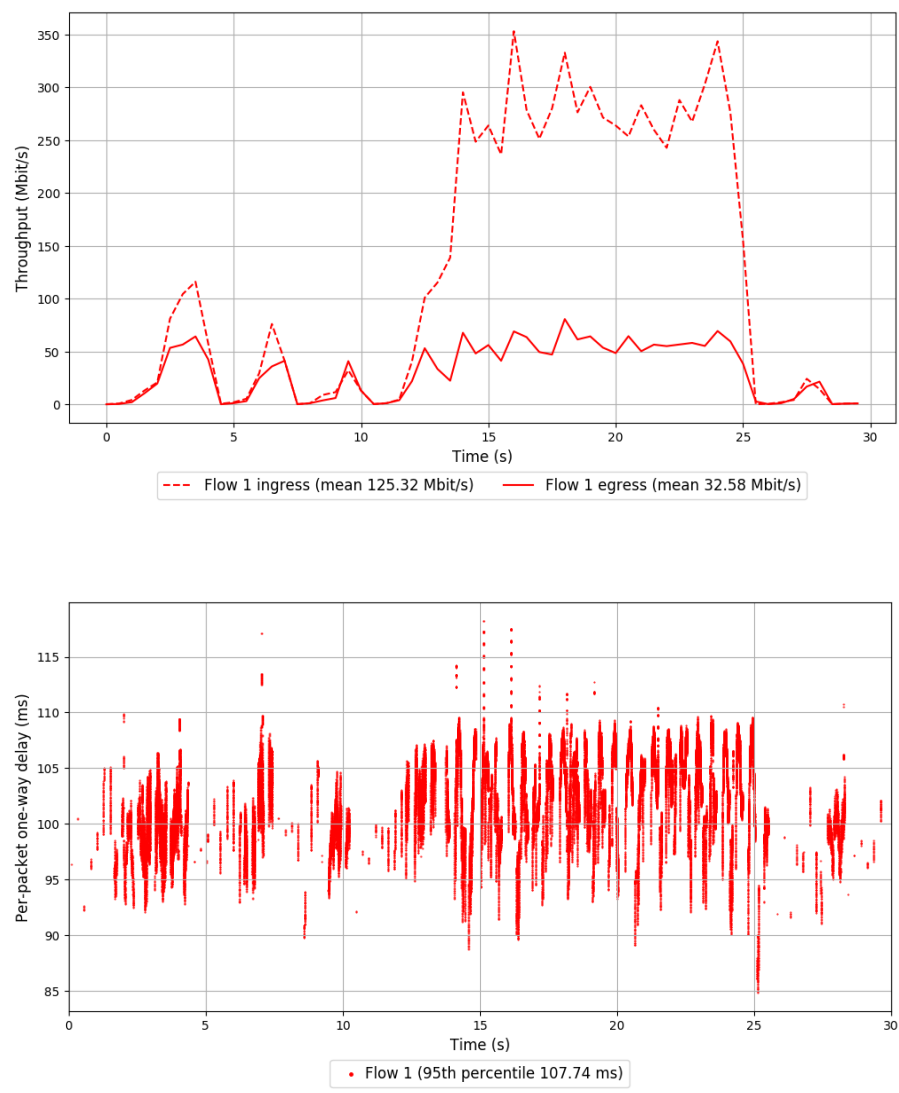
-- Flow 1:

Average throughput: 32.58 Mbit/s

95th percentile per-packet one-way delay: 107.736 ms

Loss rate: 74.00%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Sun, 09 Jul 2017 05:55:45 +0000

End at: Sun, 09 Jul 2017 05:56:15 +0000

Local clock offset: 3.026 ms

Remote clock offset: 0.058 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.33 Mbit/s

95th percentile per-packet one-way delay: 111.165 ms

Loss rate: 64.93%

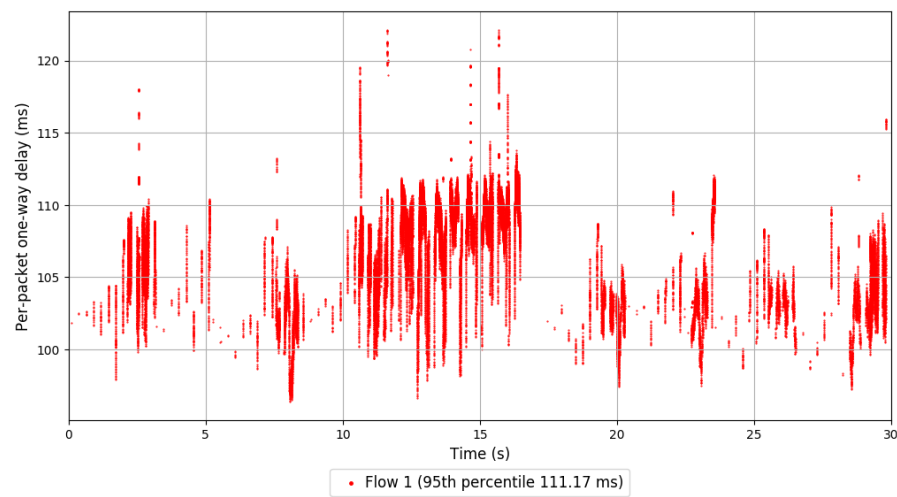
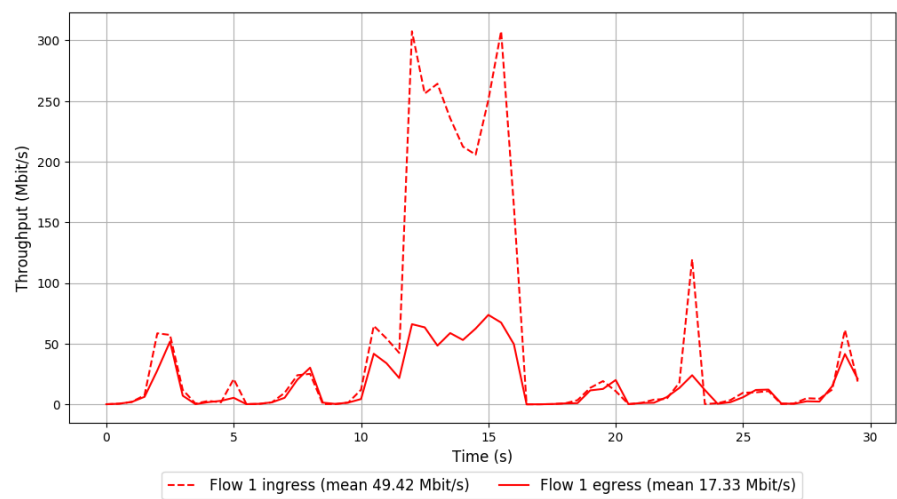
-- Flow 1:

Average throughput: 17.33 Mbit/s

95th percentile per-packet one-way delay: 111.165 ms

Loss rate: 64.93%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:03:26 +0000

End at: Sun, 09 Jul 2017 03:03:56 +0000

Local clock offset: 2.411 ms

Remote clock offset: 0.713 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.28 Mbit/s

95th percentile per-packet one-way delay: 80.424 ms

Loss rate: 0.00%

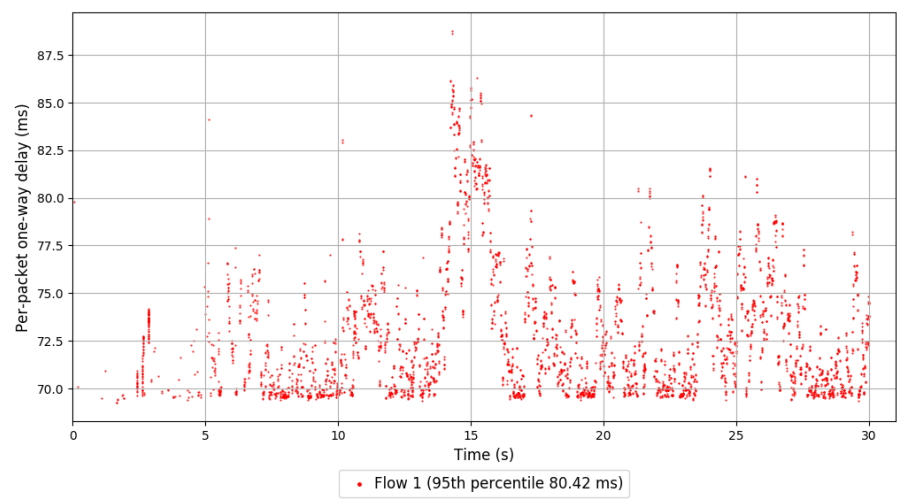
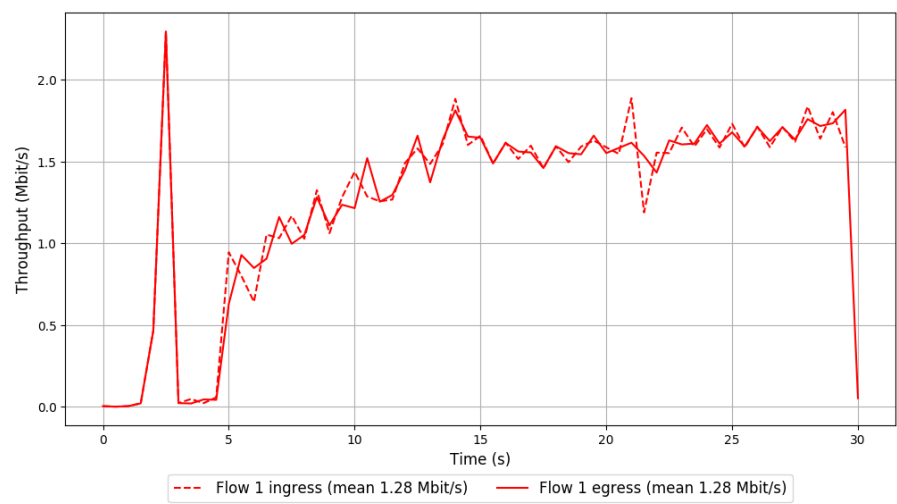
-- Flow 1:

Average throughput: 1.28 Mbit/s

95th percentile per-packet one-way delay: 80.424 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:21:22 +0000

End at: Sun, 09 Jul 2017 03:21:52 +0000

Local clock offset: 1.503 ms

Remote clock offset: 1.182 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 83.263 ms

Loss rate: 0.00%

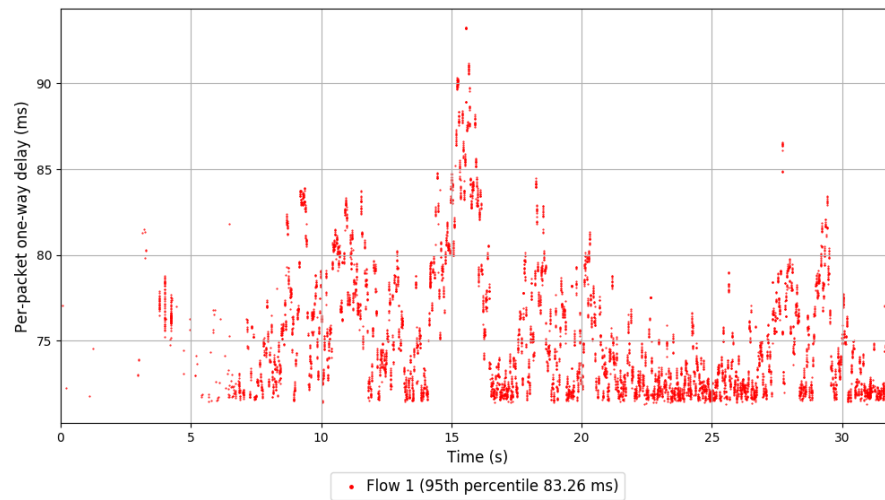
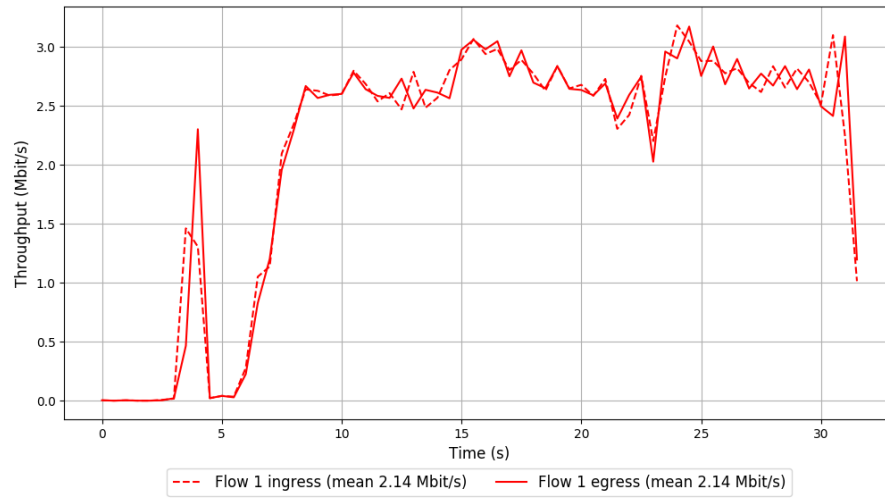
-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 83.263 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 03:39:36 +0000

End at: Sun, 09 Jul 2017 03:40:06 +0000

Local clock offset: 1.564 ms

Remote clock offset: 1.678 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 83.692 ms

Loss rate: 0.00%

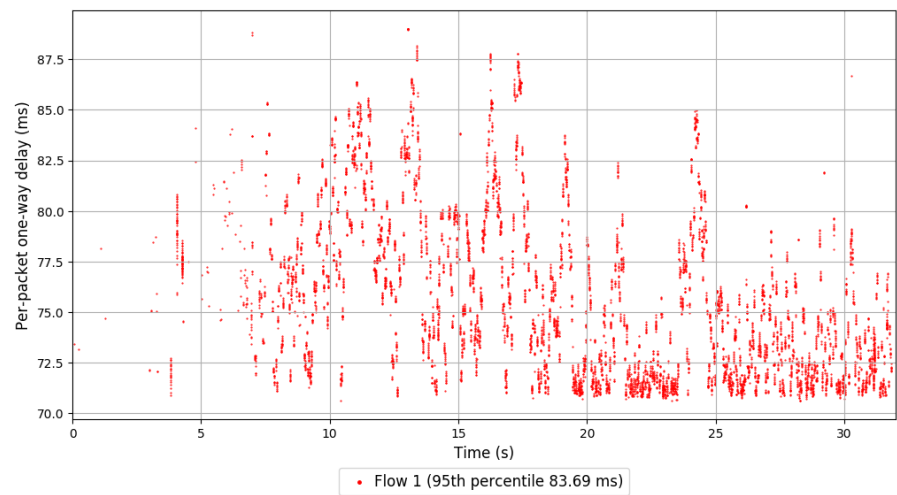
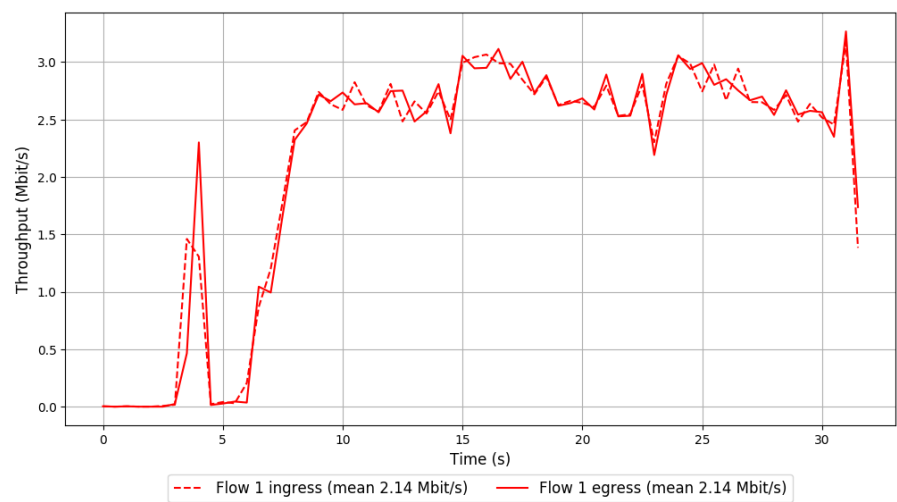
-- Flow 1:

Average throughput: 2.14 Mbit/s

95th percentile per-packet one-way delay: 83.692 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

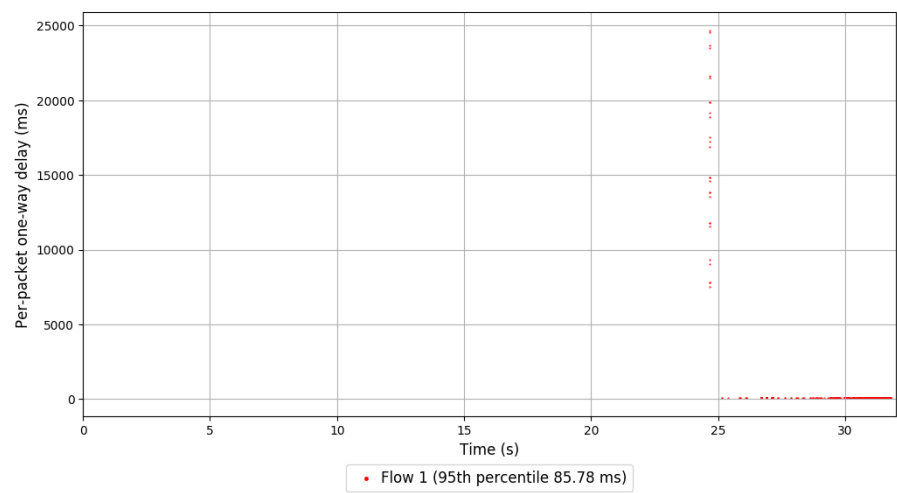
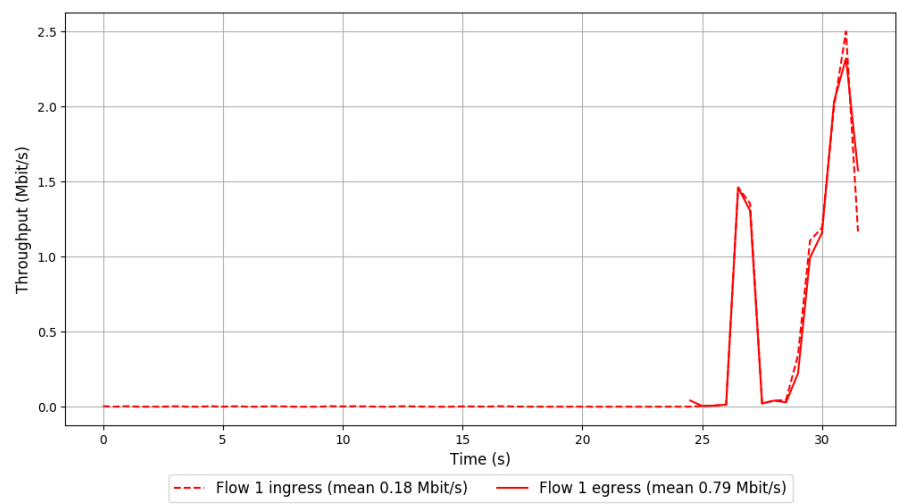
Start at: Sun, 09 Jul 2017 03:59:47 +0000

End at: Sun, 09 Jul 2017 04:00:17 +0000

Local clock offset: 1.789 ms

Remote clock offset: 1.831 ms

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 04:17:57 +0000

End at: Sun, 09 Jul 2017 04:18:27 +0000

Local clock offset: 2.034 ms

Remote clock offset: 1.727 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.61 Mbit/s

95th percentile per-packet one-way delay: 99.102 ms

Loss rate: 1.38%

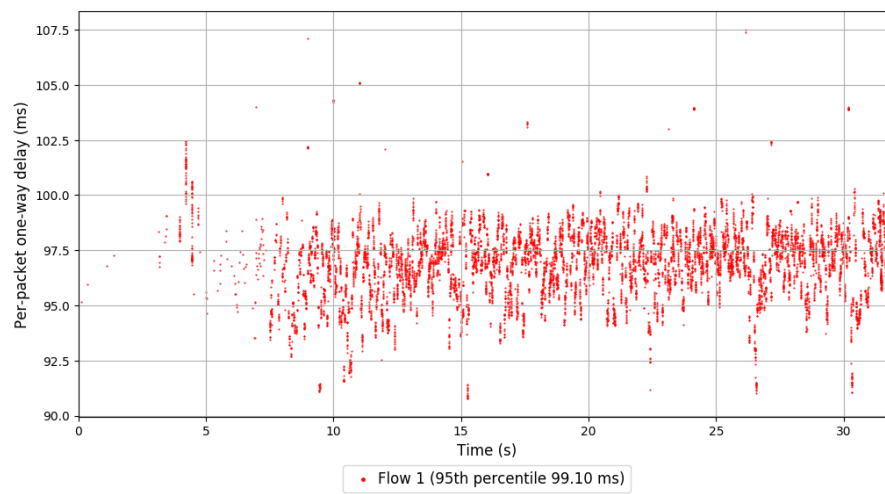
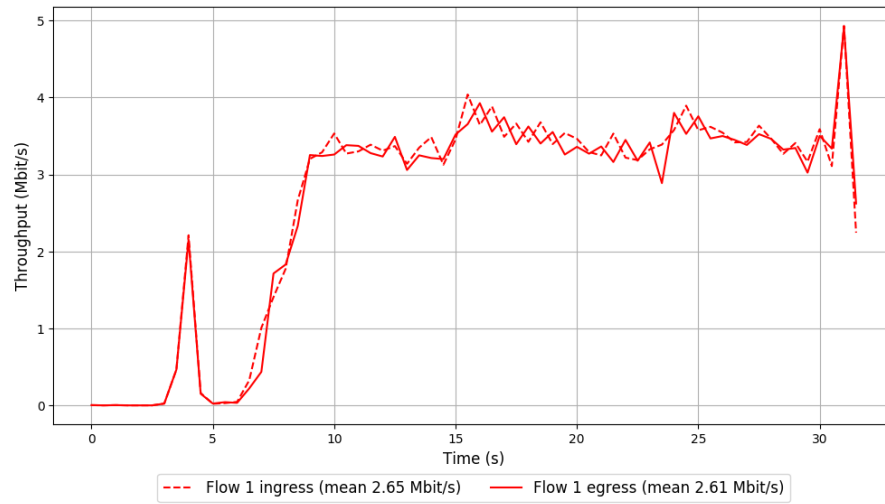
-- Flow 1:

Average throughput: 2.61 Mbit/s

95th percentile per-packet one-way delay: 99.102 ms

Loss rate: 1.38%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 04:35:55 +0000

End at: Sun, 09 Jul 2017 04:36:25 +0000

Local clock offset: 2.214 ms

Remote clock offset: 1.335 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.65 Mbit/s

95th percentile per-packet one-way delay: 98.865 ms

Loss rate: 0.83%

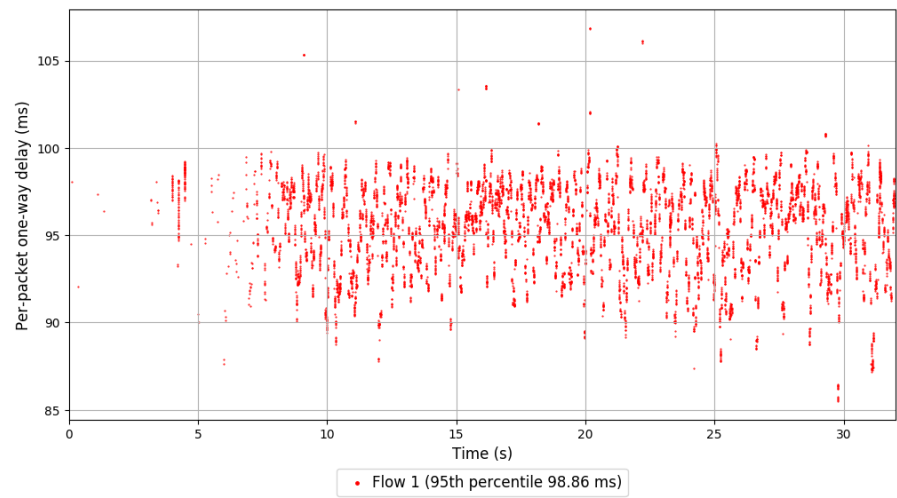
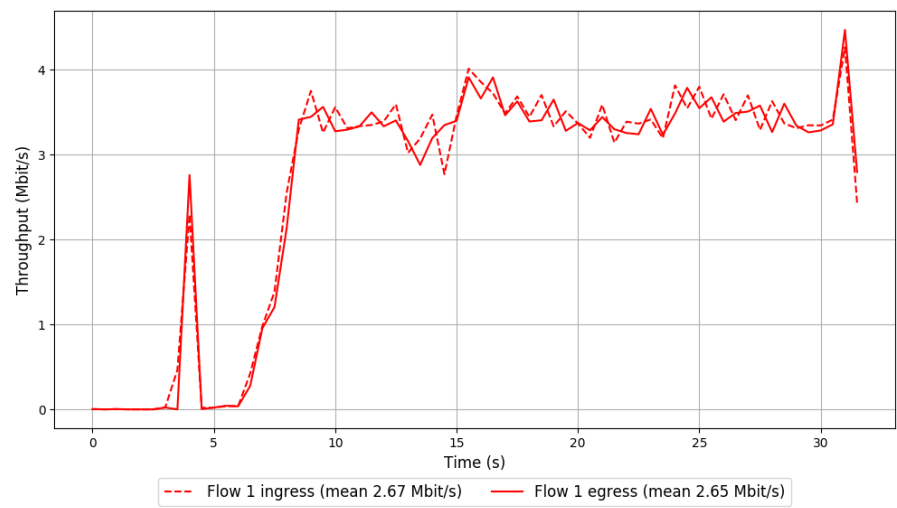
-- Flow 1:

Average throughput: 2.65 Mbit/s

95th percentile per-packet one-way delay: 98.865 ms

Loss rate: 0.83%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 04:54:03 +0000

End at: Sun, 09 Jul 2017 04:54:33 +0000

Local clock offset: 2.382 ms

Remote clock offset: 0.929 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 98.607 ms

Loss rate: 0.14%

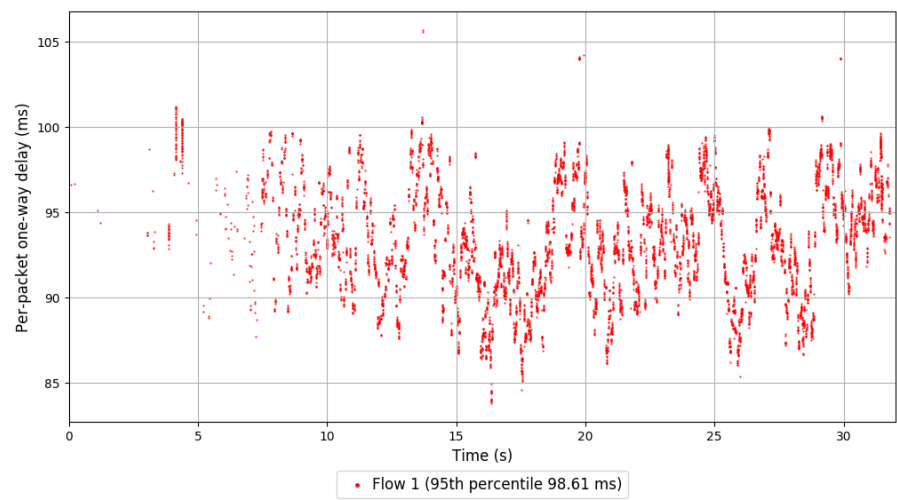
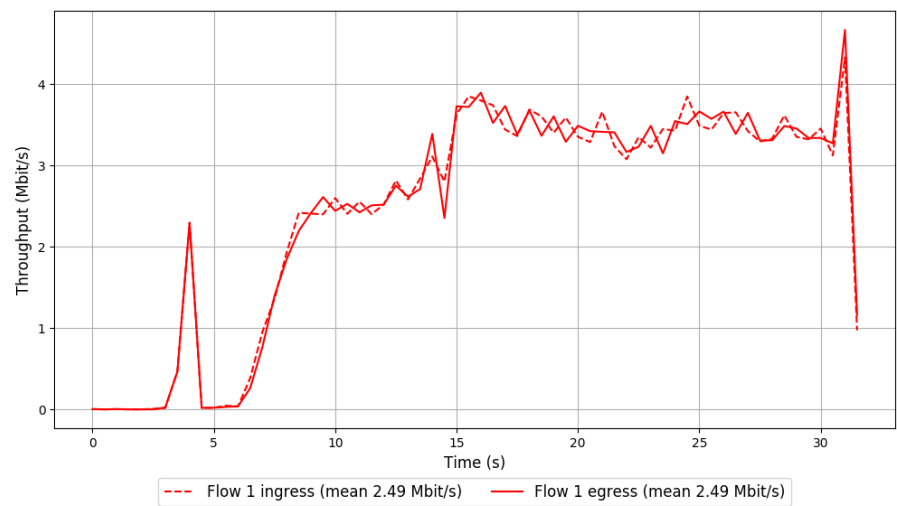
-- Flow 1:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 98.607 ms

Loss rate: 0.14%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

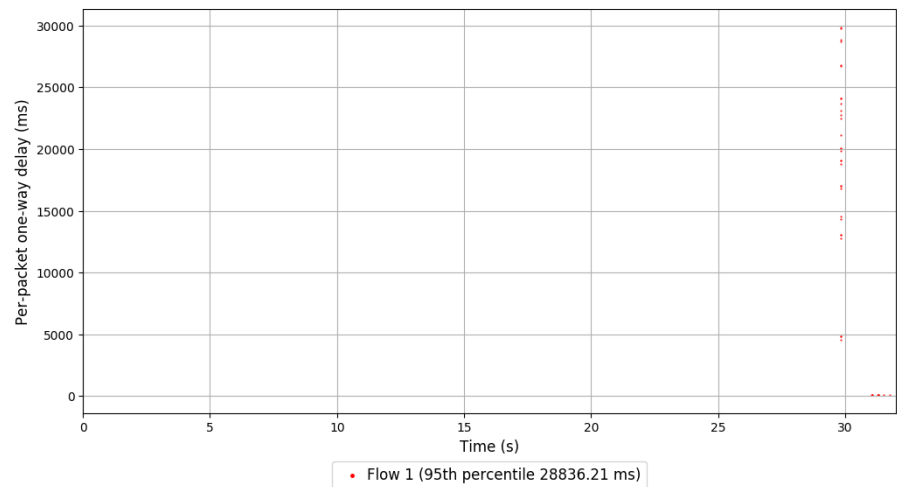
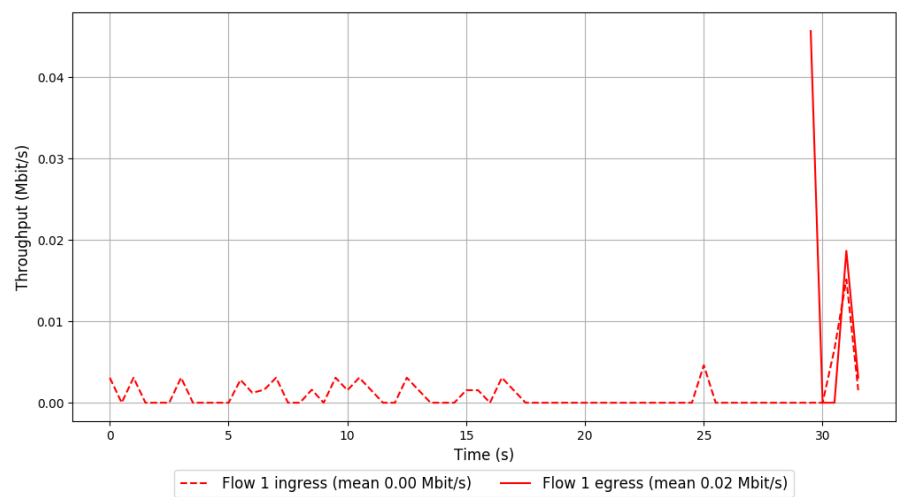
Start at: Sun, 09 Jul 2017 05:12:08 +0000

End at: Sun, 09 Jul 2017 05:12:38 +0000

Local clock offset: 2.421 ms

Remote clock offset: 0.633 ms

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 05:30:24 +0000

End at: Sun, 09 Jul 2017 05:30:54 +0000

Local clock offset: 3.974 ms

Remote clock offset: 0.386 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 101.785 ms

Loss rate: 0.25%

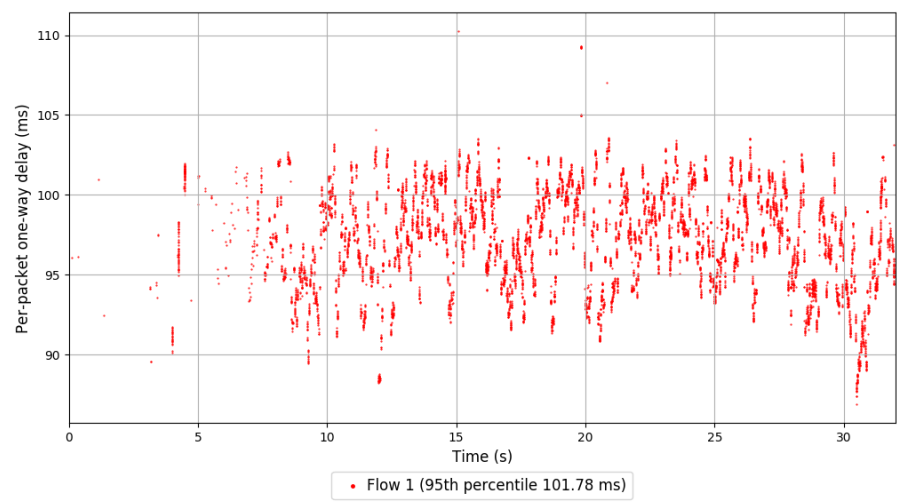
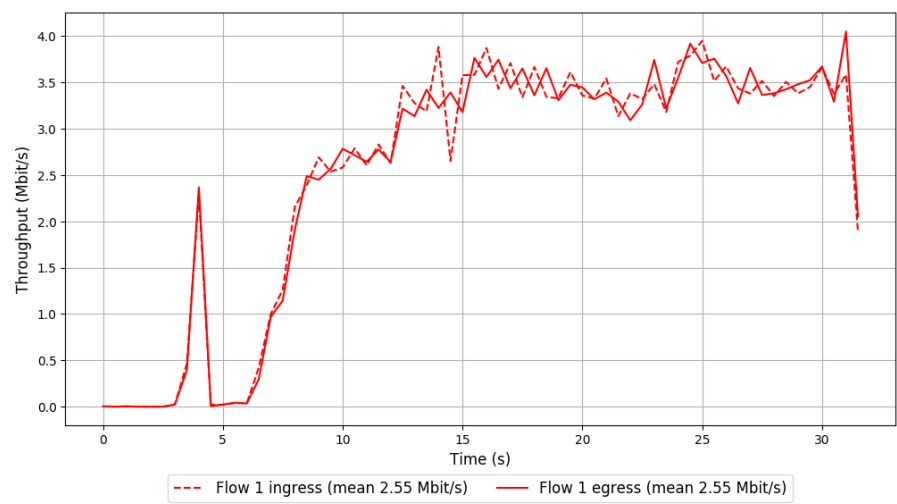
-- Flow 1:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 101.785 ms

Loss rate: 0.25%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sun, 09 Jul 2017 05:48:30 +0000

End at: Sun, 09 Jul 2017 05:49:00 +0000

Local clock offset: 3.106 ms

Remote clock offset: 0.207 ms

Below is generated by plot.py at Sun, 09 Jul 2017 09:18:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.72 Mbit/s

95th percentile per-packet one-way delay: 103.178 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 2.72 Mbit/s

95th percentile per-packet one-way delay: 103.178 ms

Loss rate: 0.64%

Run 10: Report of WebRTC media — Data Link

