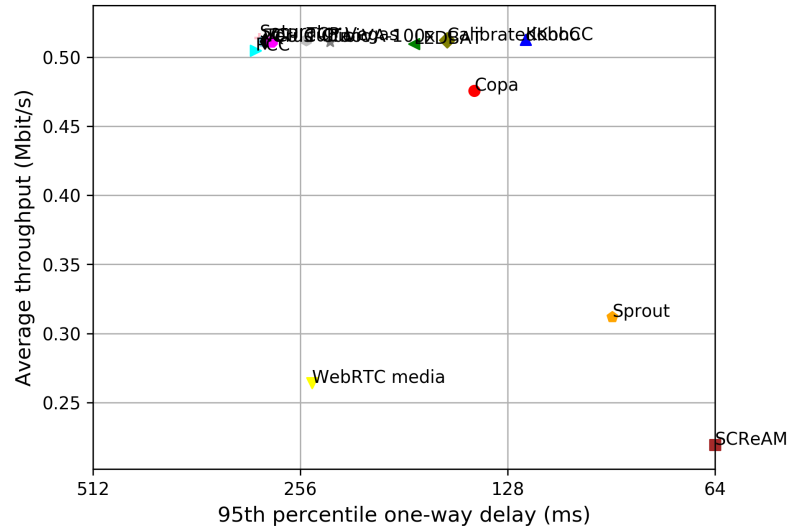


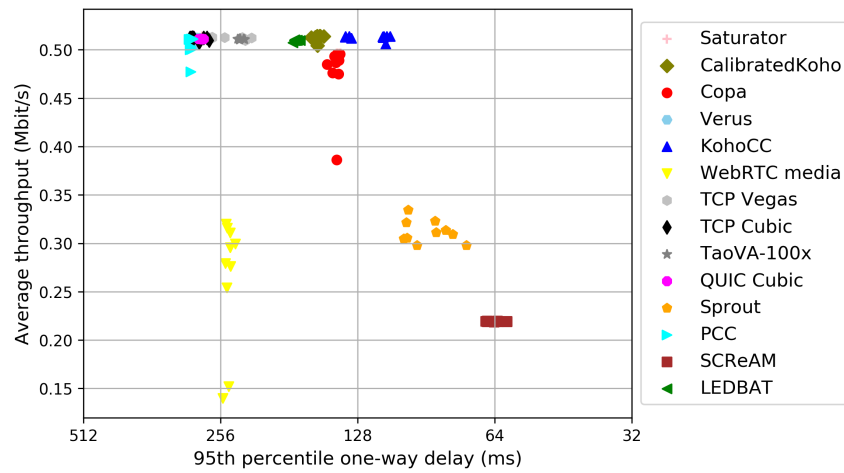
Pantheon Summary (Generated at Mon, 17 Jul 2017 00:52:22 +0000 with pantheon version d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac)
Repeated the test of 14 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Data path: Nepal Ethernet (*remote*) → AWS India 2 Ethernet (*local*).
NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

```
git branch: master @ d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Nepal Ethernet to AWS India 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Nepal Ethernet to AWS India 2 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
CalibratedKoho	10	0.51	156.78	0.72
Copa	10	0.48	143.11	0.35
TCP Cubic	10	0.51	288.27	4.24
KohoCC	10	0.51	120.56	0.76
LEDBAT	10	0.51	175.13	0.65
PCC	10	0.50	297.40	77.59
QUIC Cubic	10	0.51	281.51	15.75
Saturator	10	0.51	293.41	50.39
SCReAM	10	0.22	64.03	0.26
Sprout	10	0.31	90.28	0.52
TaoVA-100x	10	0.51	231.87	65.33
TCP Vegas	10	0.51	250.97	1.71
Verus	10	0.51	290.07	20.17
WebRTC media	10	0.27	246.15	10.14

Run 1: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:10:30 +0000

End at: Sun, 16 Jul 2017 22:11:00 +0000

Local clock offset: 2.331 ms

Remote clock offset: 3.306 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 158.584 ms

Loss rate: 0.62%

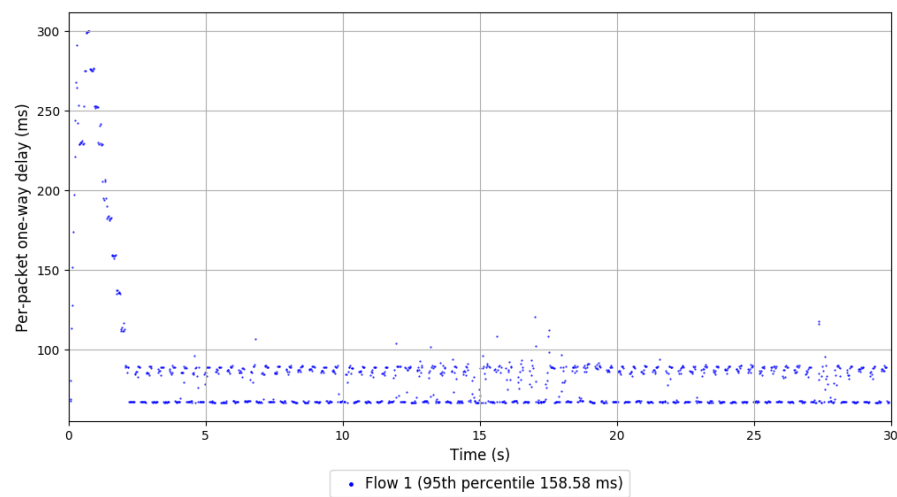
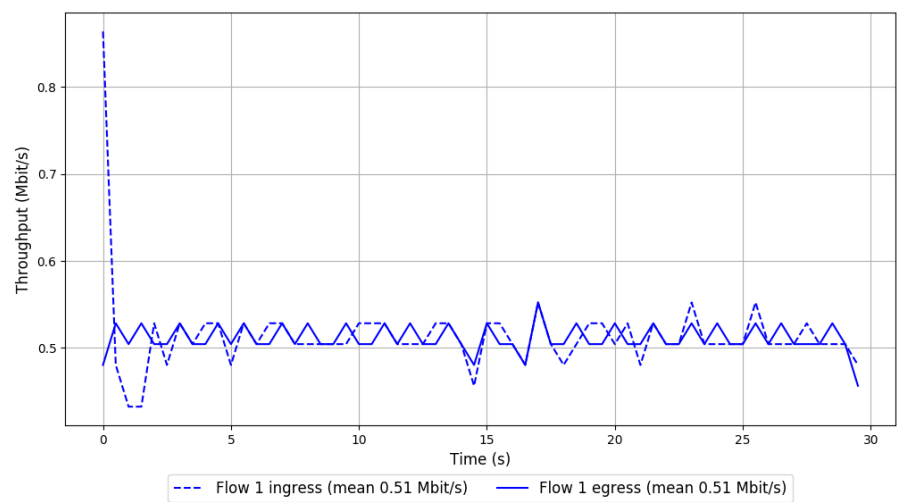
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 158.584 ms

Loss rate: 0.62%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:27:44 +0000

End at: Sun, 16 Jul 2017 22:28:14 +0000

Local clock offset: 0.158 ms

Remote clock offset: 3.889 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 154.527 ms

Loss rate: 0.70%

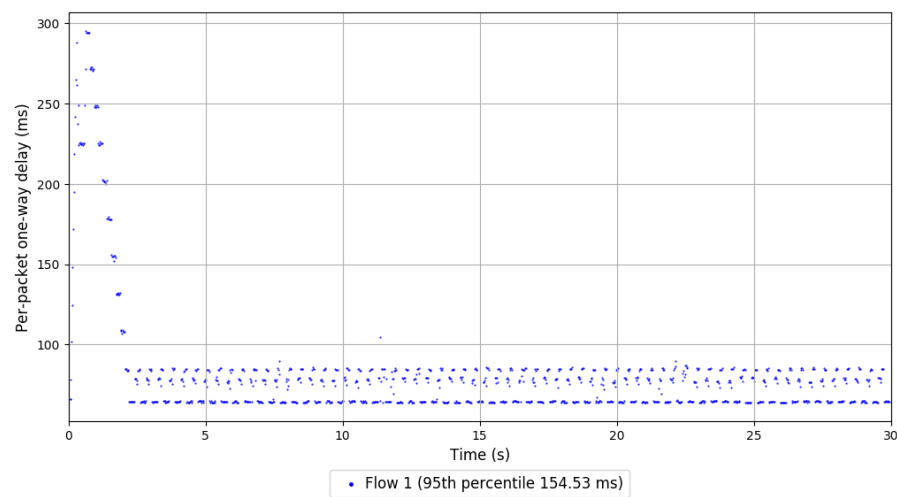
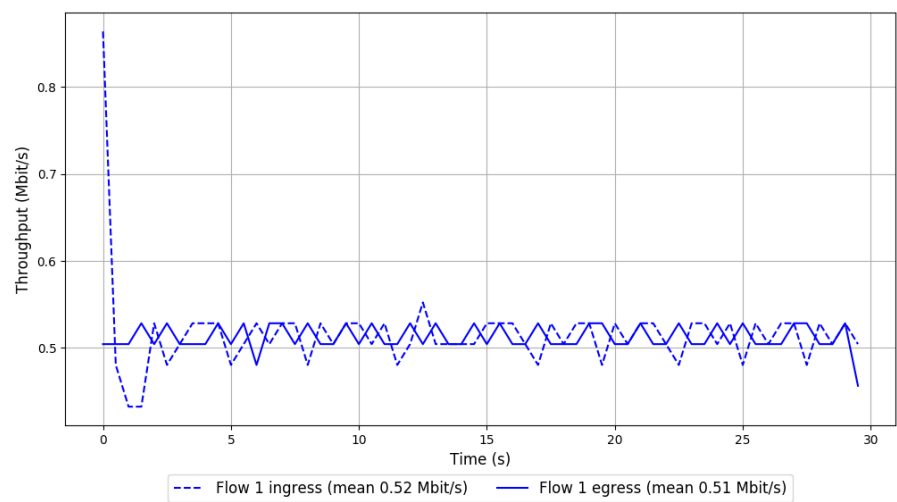
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 154.527 ms

Loss rate: 0.70%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 22:44:46 +0000

End at: Sun, 16 Jul 2017 22:45:16 +0000

Local clock offset: 1.565 ms

Remote clock offset: 4.416 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 156.578 ms

Loss rate: 0.78%

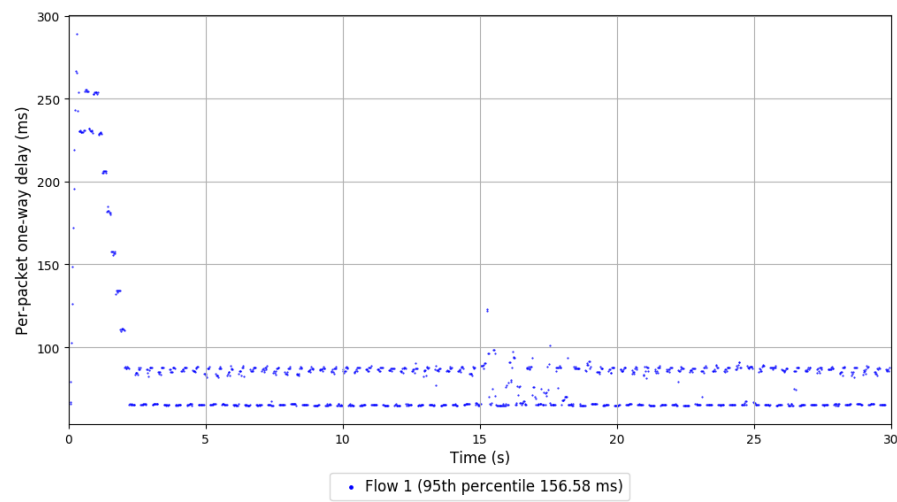
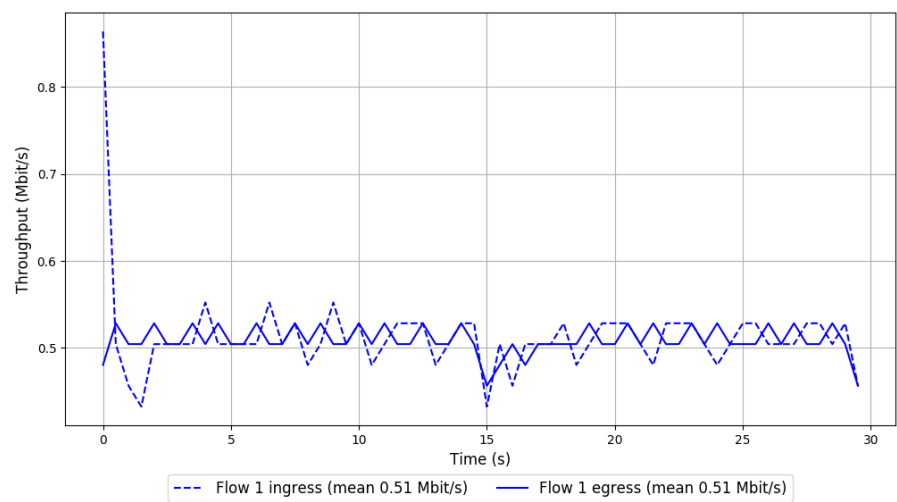
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 156.578 ms

Loss rate: 0.78%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:01:53 +0000

End at: Sun, 16 Jul 2017 23:02:23 +0000

Local clock offset: 1.351 ms

Remote clock offset: 3.86 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 154.851 ms

Loss rate: 0.62%

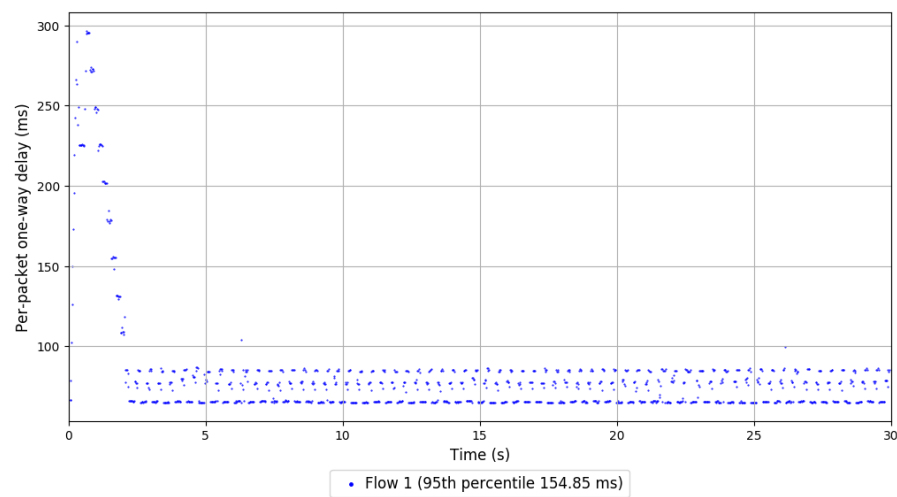
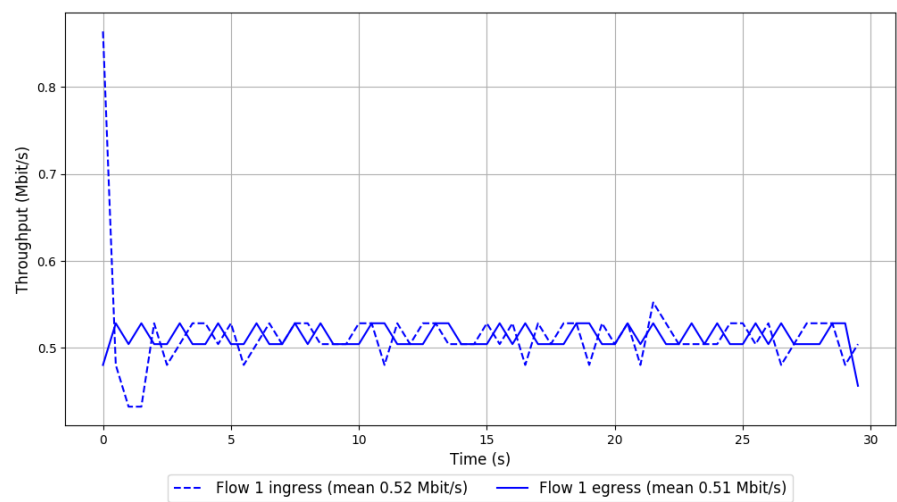
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 154.851 ms

Loss rate: 0.62%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:18:57 +0000

End at: Sun, 16 Jul 2017 23:19:27 +0000

Local clock offset: 0.082 ms

Remote clock offset: 3.934 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 157.204 ms

Loss rate: 0.78%

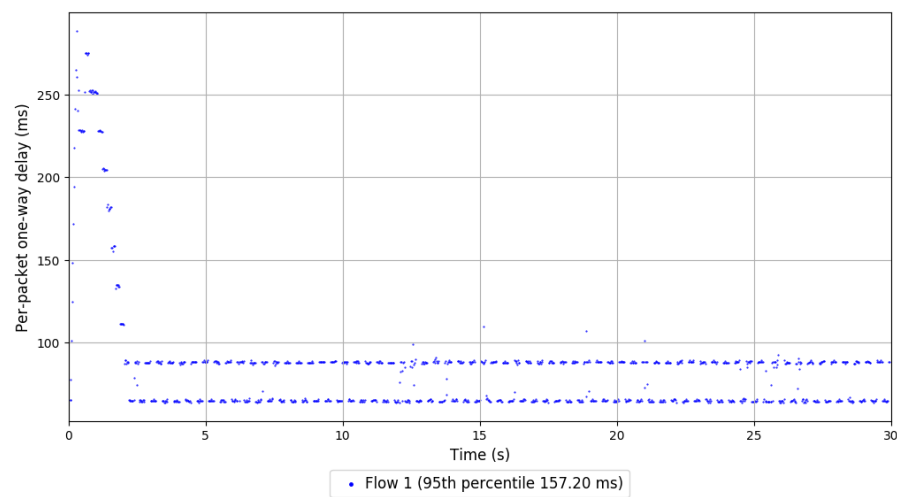
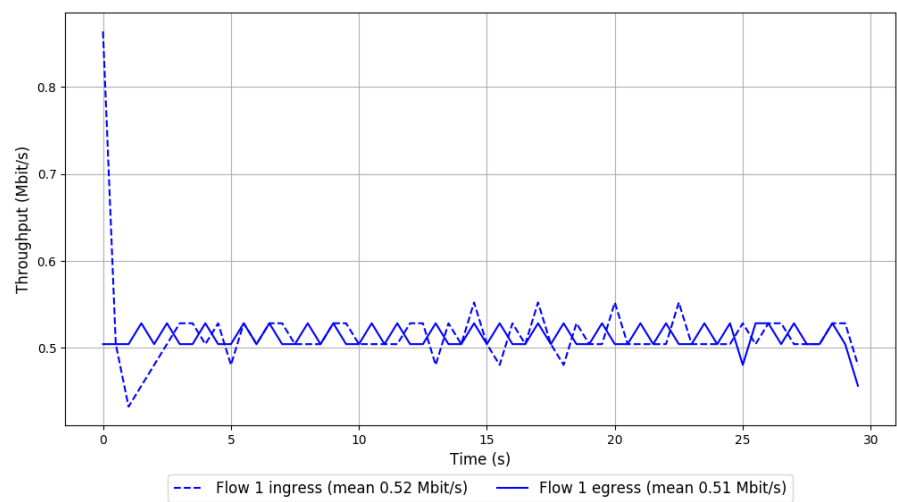
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 157.204 ms

Loss rate: 0.78%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:36:00 +0000

End at: Sun, 16 Jul 2017 23:36:30 +0000

Local clock offset: -0.04 ms

Remote clock offset: 3.782 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 155.205 ms

Loss rate: 0.70%

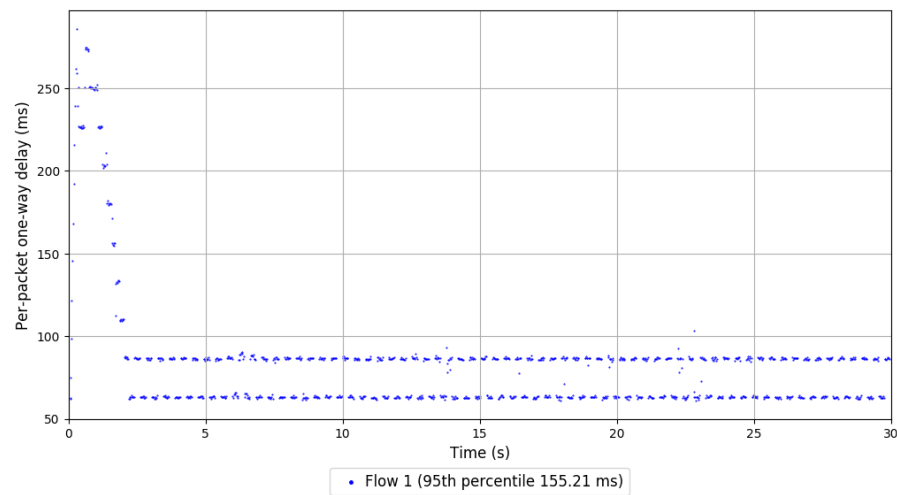
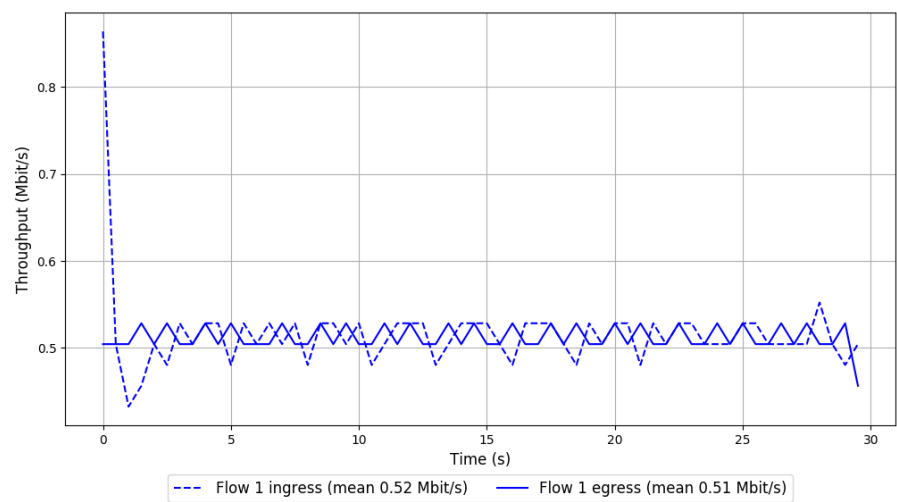
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 155.205 ms

Loss rate: 0.70%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 23:53:32 +0000

End at: Sun, 16 Jul 2017 23:54:02 +0000

Local clock offset: 0.888 ms

Remote clock offset: 4.618 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 156.780 ms

Loss rate: 0.79%

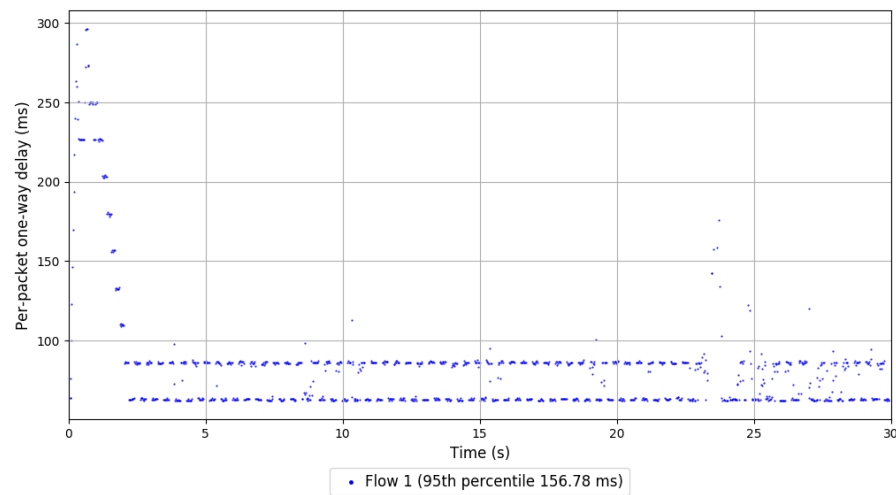
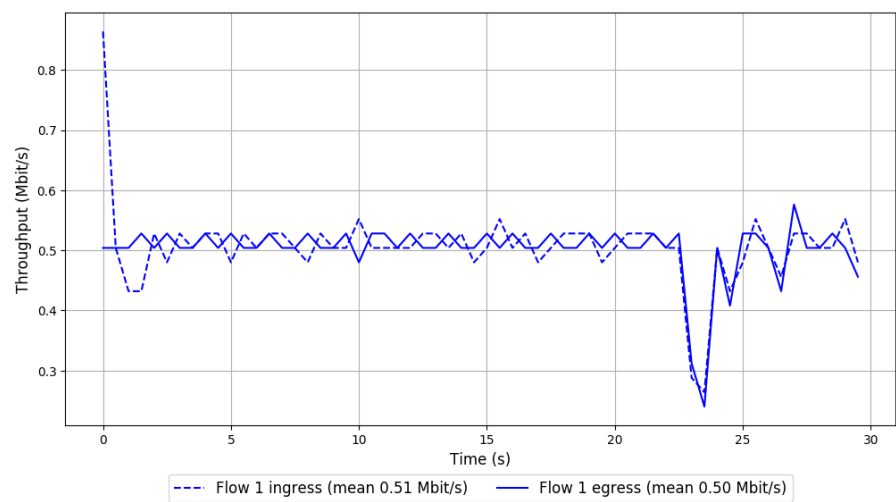
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 156.780 ms

Loss rate: 0.79%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Mon, 17 Jul 2017 00:10:35 +0000

End at: Mon, 17 Jul 2017 00:11:05 +0000

Local clock offset: -0.905 ms

Remote clock offset: 4.669 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 151.983 ms

Loss rate: 0.62%

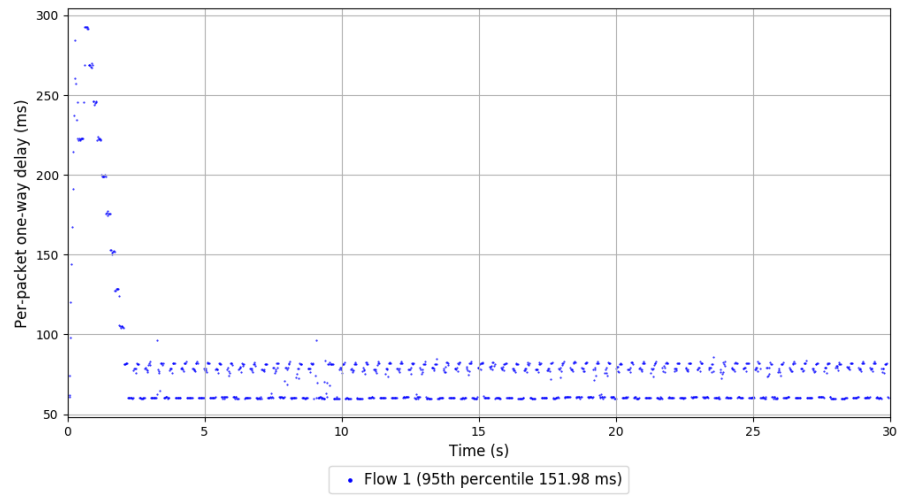
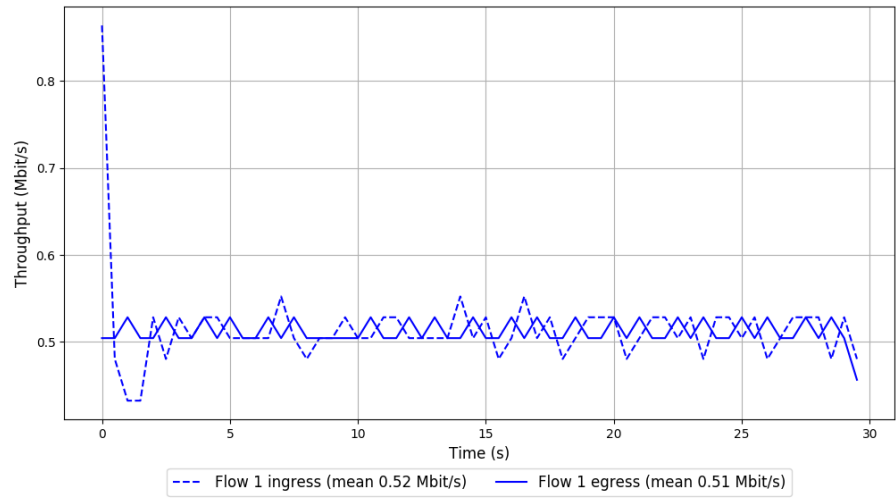
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 151.983 ms

Loss rate: 0.62%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Mon, 17 Jul 2017 00:27:33 +0000

End at: Mon, 17 Jul 2017 00:28:03 +0000

Local clock offset: 2.562 ms

Remote clock offset: 3.362 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 161.966 ms

Loss rate: 0.85%

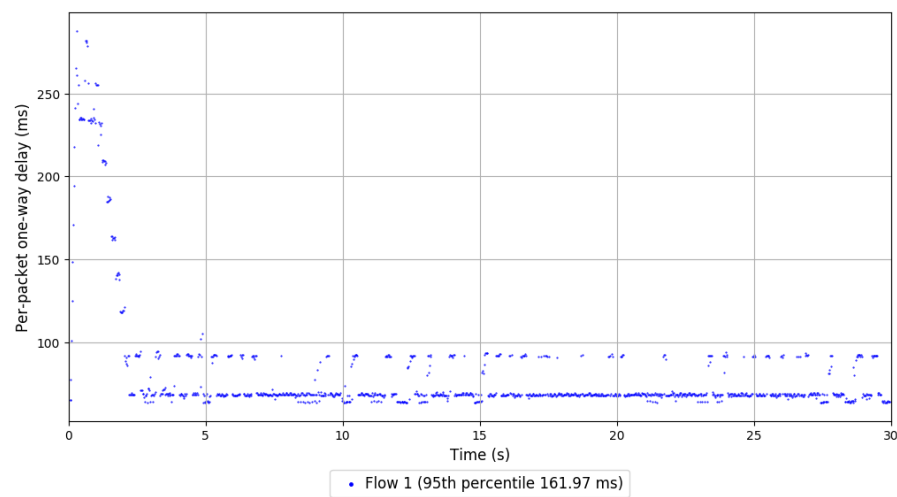
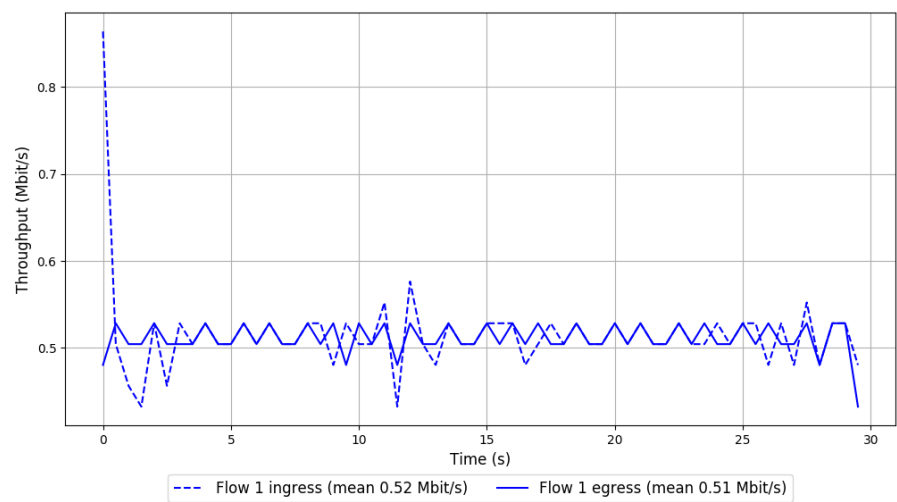
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 161.966 ms

Loss rate: 0.85%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Mon, 17 Jul 2017 00:44:38 +0000

End at: Mon, 17 Jul 2017 00:45:08 +0000

Local clock offset: 1.028 ms

Remote clock offset: 3.17 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 160.121 ms

Loss rate: 0.70%

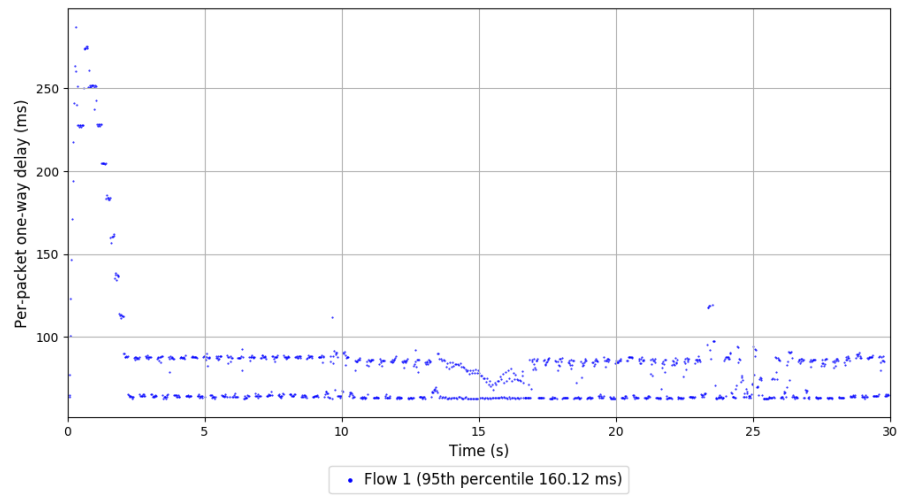
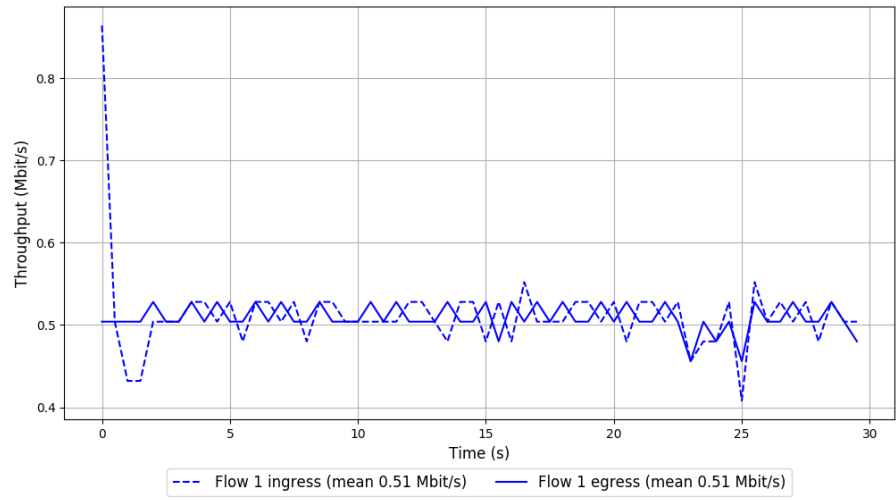
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 160.121 ms

Loss rate: 0.70%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sun, 16 Jul 2017 22:03:13 +0000

End at: Sun, 16 Jul 2017 22:03:43 +0000

Local clock offset: 0.507 ms

Remote clock offset: -1.812 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 149.558 ms

Loss rate: 0.37%

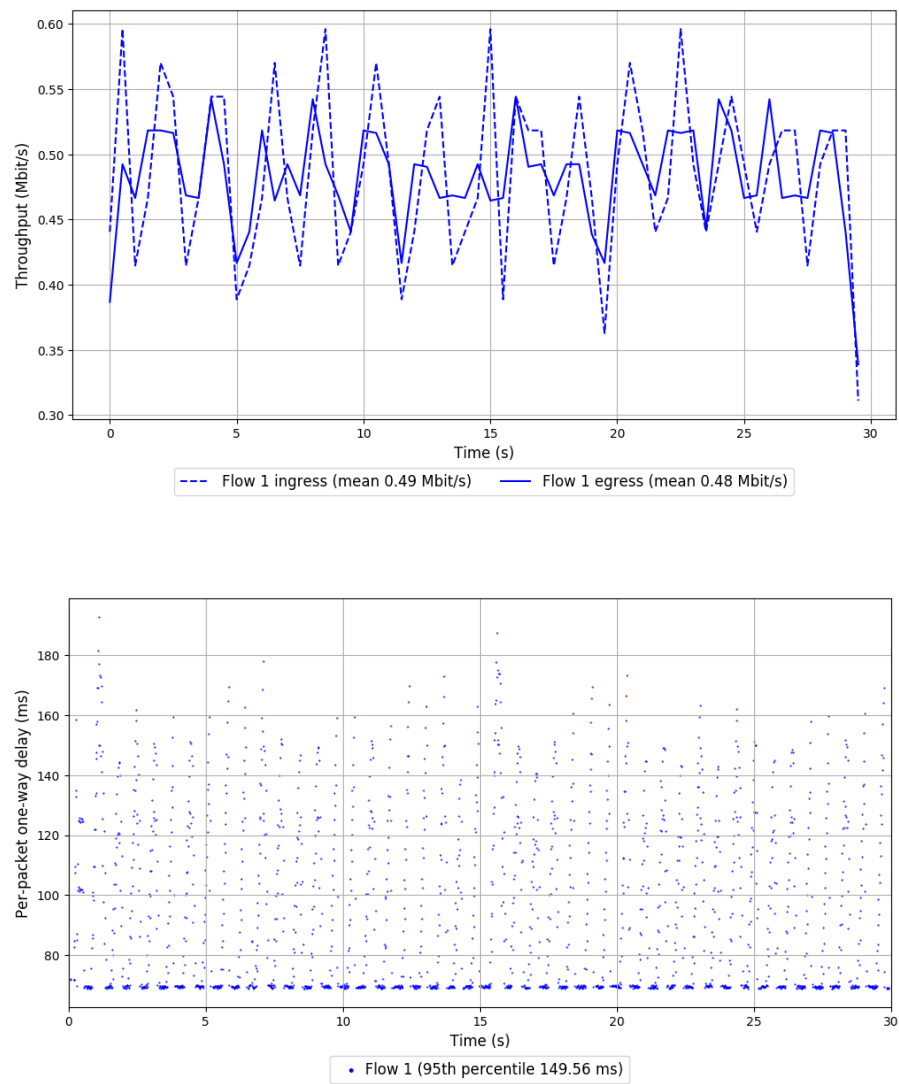
-- Flow 1:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 149.558 ms

Loss rate: 0.37%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sun, 16 Jul 2017 22:20:15 +0000

End at: Sun, 16 Jul 2017 22:20:45 +0000

Local clock offset: 1.146 ms

Remote clock offset: 3.805 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 142.980 ms

Loss rate: 0.27%

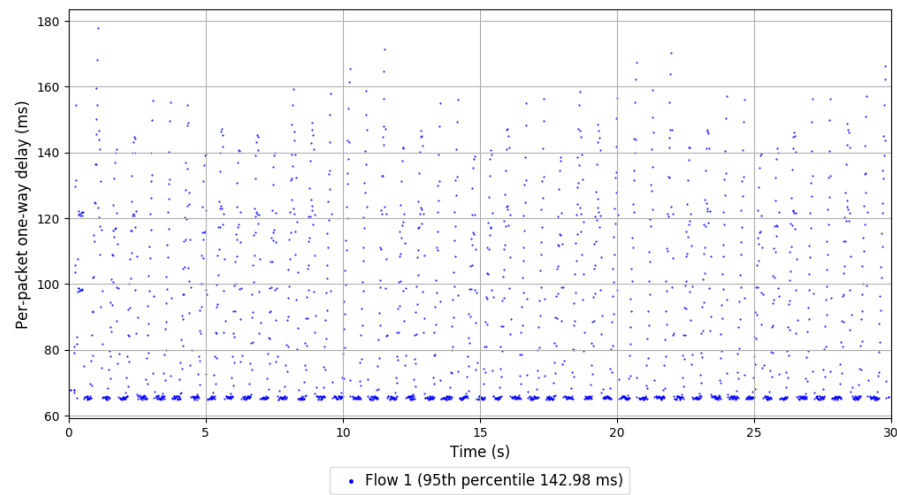
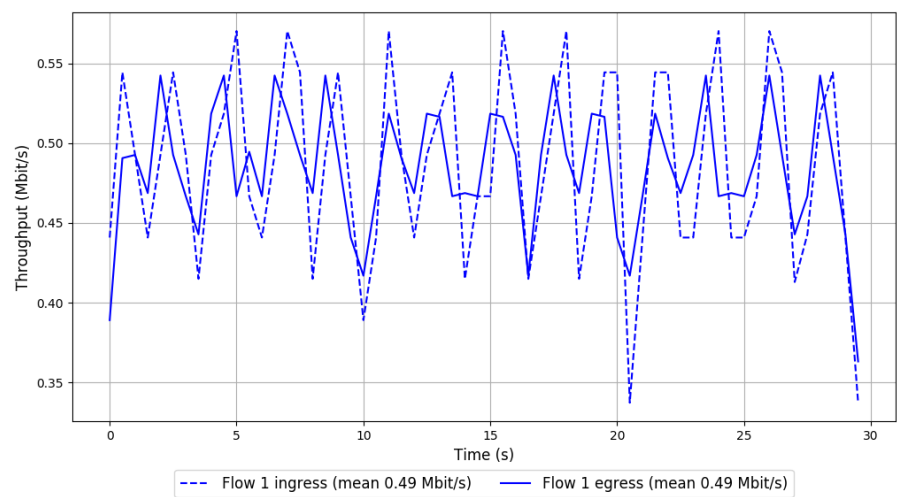
-- Flow 1:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 142.980 ms

Loss rate: 0.27%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

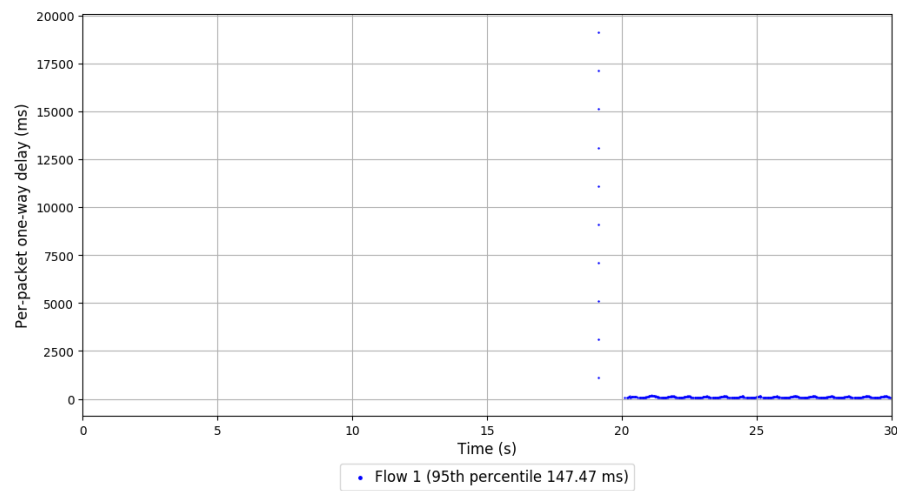
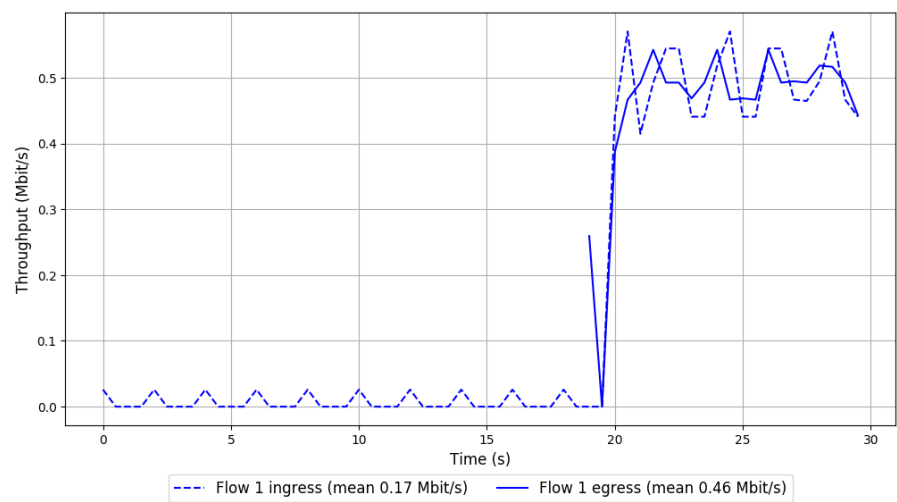
Start at: Sun, 16 Jul 2017 22:37:27 +0000

End at: Sun, 16 Jul 2017 22:37:57 +0000

Local clock offset: -1.241 ms

Remote clock offset: 3.401 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sun, 16 Jul 2017 22:54:28 +0000

End at: Sun, 16 Jul 2017 22:54:58 +0000

Local clock offset: 1.494 ms

Remote clock offset: 3.196 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 143.884 ms

Loss rate: 0.44%

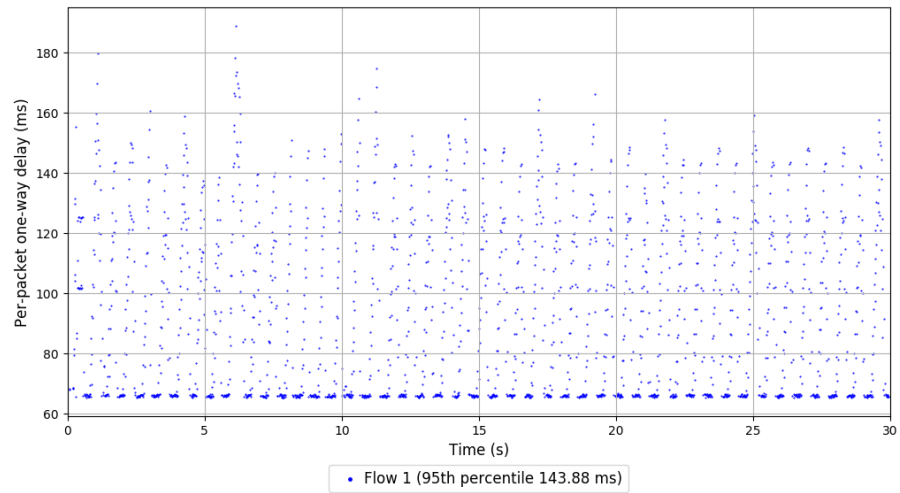
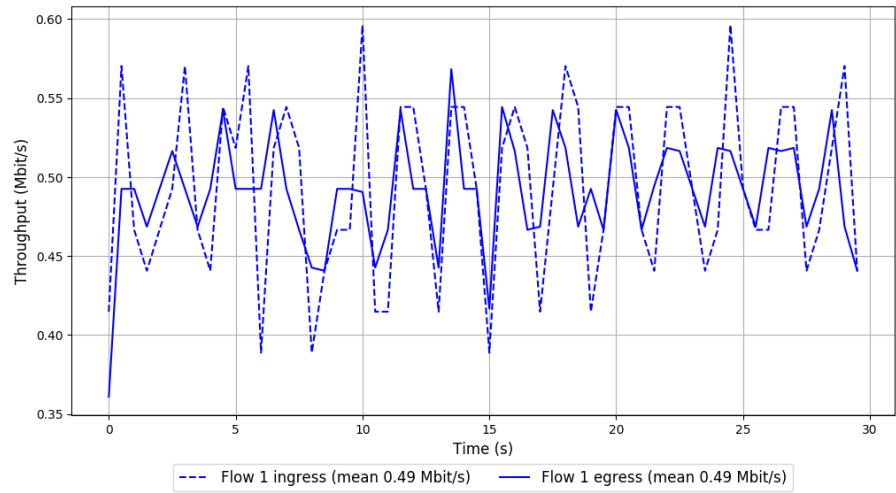
-- Flow 1:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 143.884 ms

Loss rate: 0.44%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sun, 16 Jul 2017 23:11:35 +0000

End at: Sun, 16 Jul 2017 23:12:05 +0000

Local clock offset: 1.144 ms

Remote clock offset: 3.729 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 145.215 ms

Loss rate: 0.31%

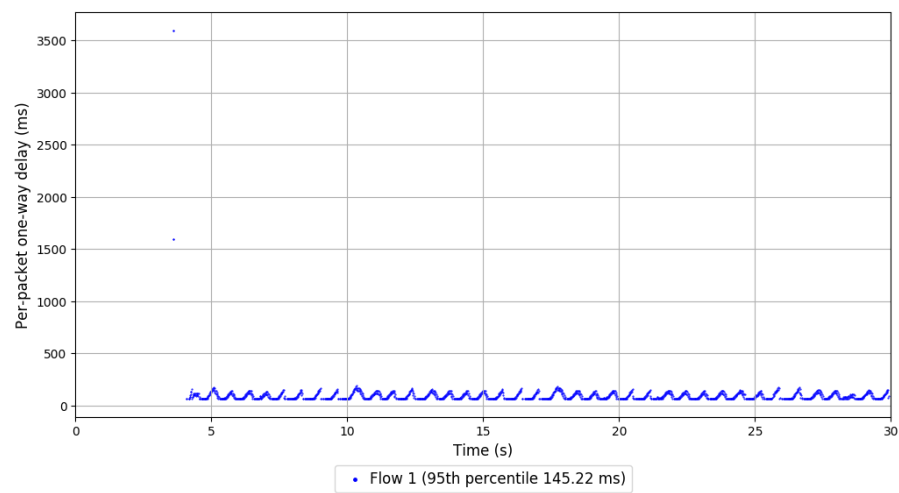
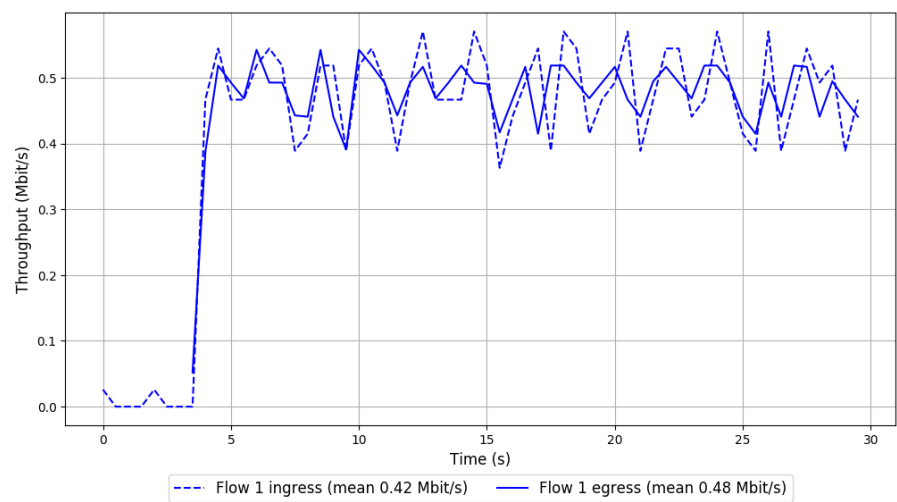
-- Flow 1:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 145.215 ms

Loss rate: 0.31%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sun, 16 Jul 2017 23:28:40 +0000

End at: Sun, 16 Jul 2017 23:29:10 +0000

Local clock offset: -2.016 ms

Remote clock offset: 3.207 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 140.997 ms

Loss rate: 0.33%

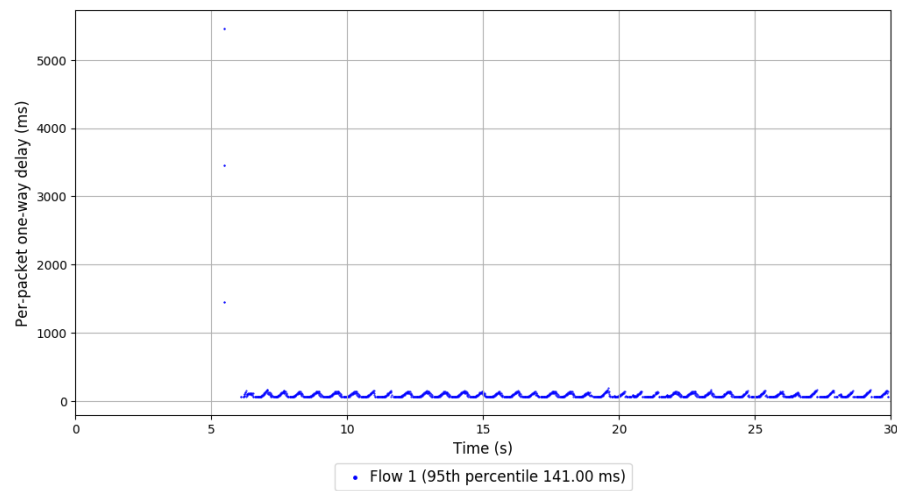
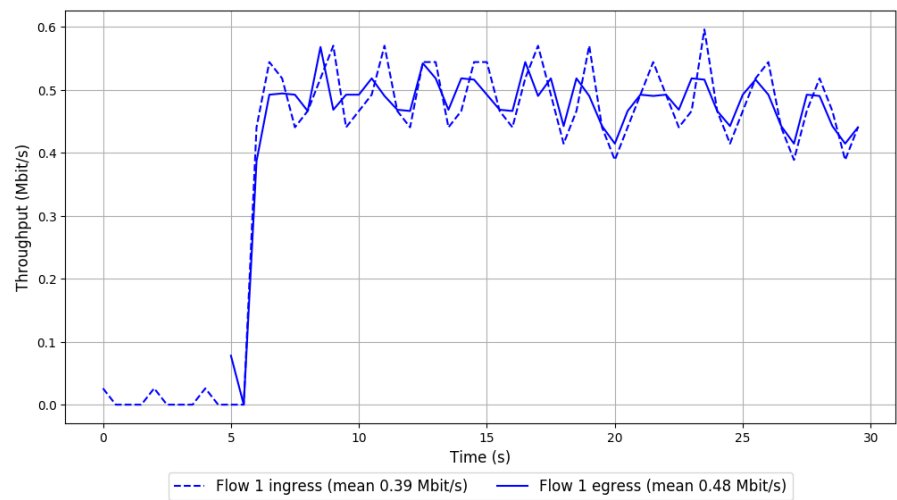
-- Flow 1:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 140.997 ms

Loss rate: 0.33%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sun, 16 Jul 2017 23:45:49 +0000

End at: Sun, 16 Jul 2017 23:46:19 +0000

Local clock offset: 2.134 ms

Remote clock offset: 3.943 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 142.423 ms

Loss rate: 0.23%

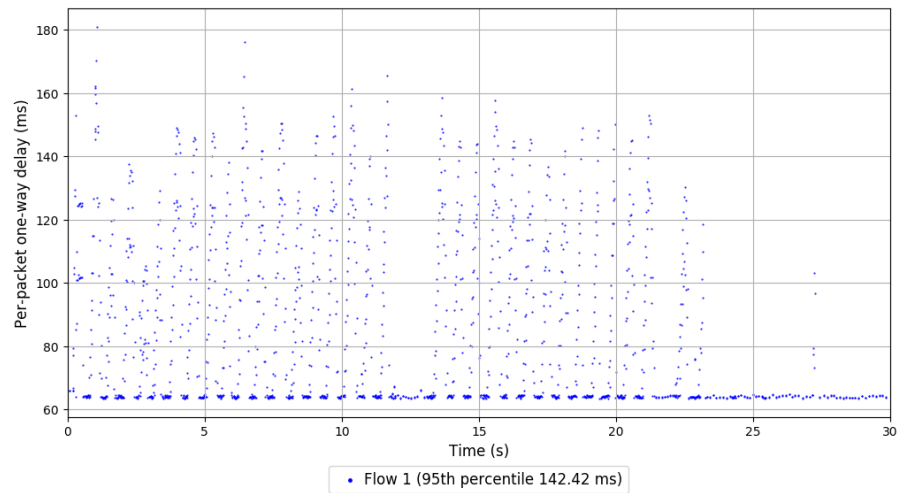
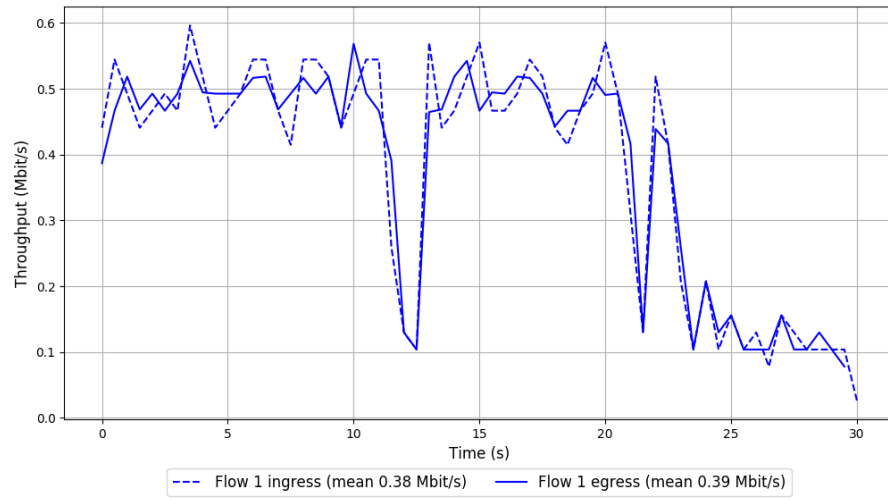
-- Flow 1:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 142.423 ms

Loss rate: 0.23%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Mon, 17 Jul 2017 00:03:19 +0000

End at: Mon, 17 Jul 2017 00:03:49 +0000

Local clock offset: 1.041 ms

Remote clock offset: 4.141 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 140.101 ms

Loss rate: 0.53%

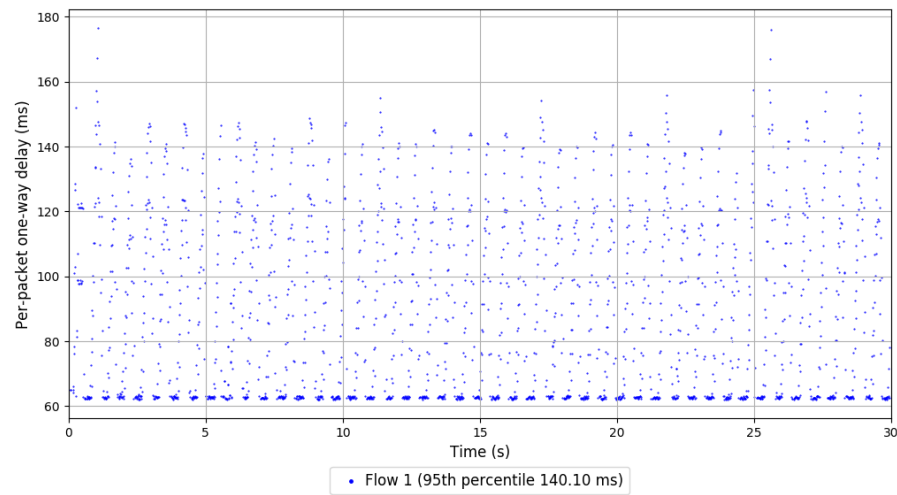
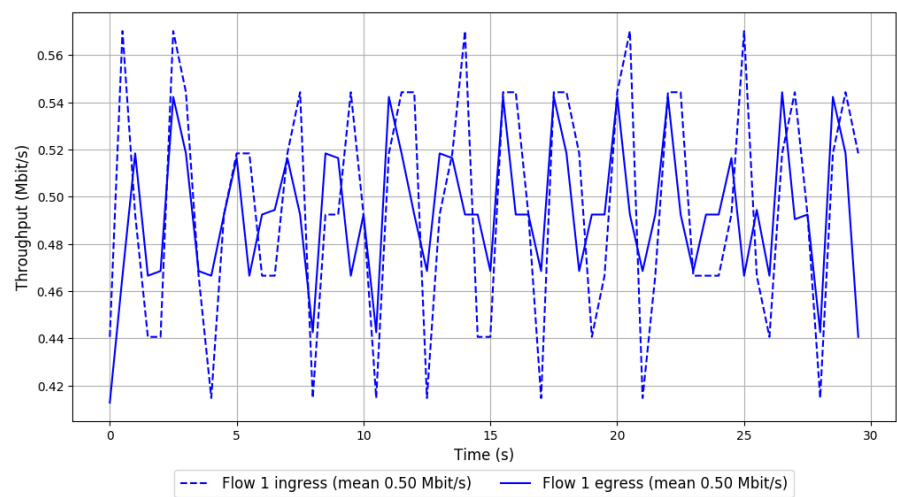
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 140.101 ms

Loss rate: 0.53%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Mon, 17 Jul 2017 00:20:15 +0000

End at: Mon, 17 Jul 2017 00:20:45 +0000

Local clock offset: 1.288 ms

Remote clock offset: 3.159 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 140.769 ms

Loss rate: 0.27%

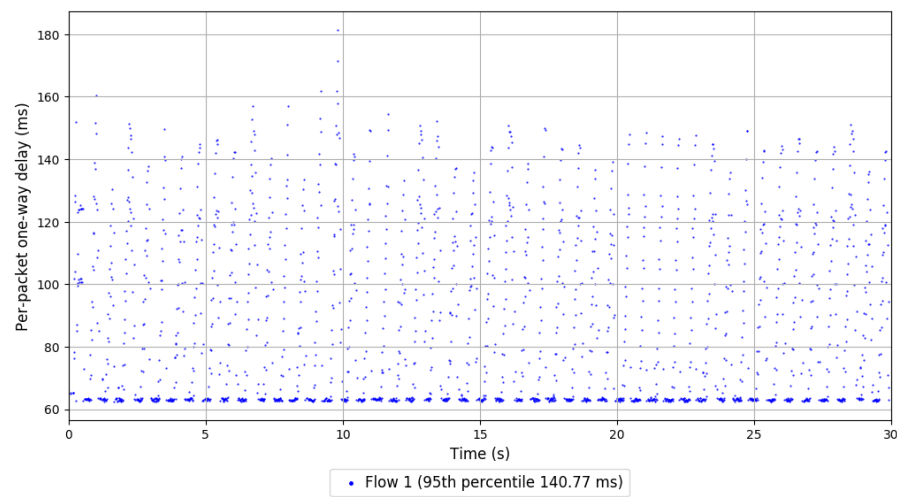
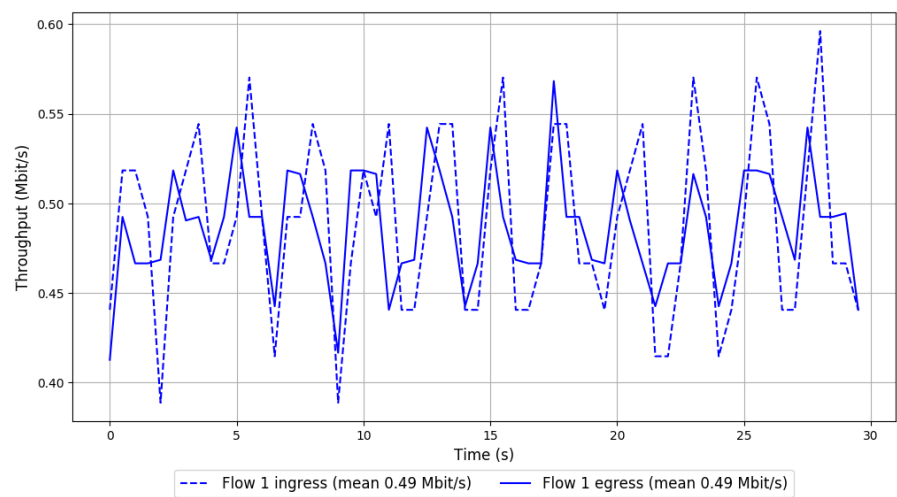
-- Flow 1:

Average throughput: 0.49 Mbit/s

95th percentile per-packet one-way delay: 140.769 ms

Loss rate: 0.27%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Mon, 17 Jul 2017 00:37:14 +0000

End at: Mon, 17 Jul 2017 00:37:44 +0000

Local clock offset: 1.046 ms

Remote clock offset: 2.879 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 142.024 ms

Loss rate: 0.36%

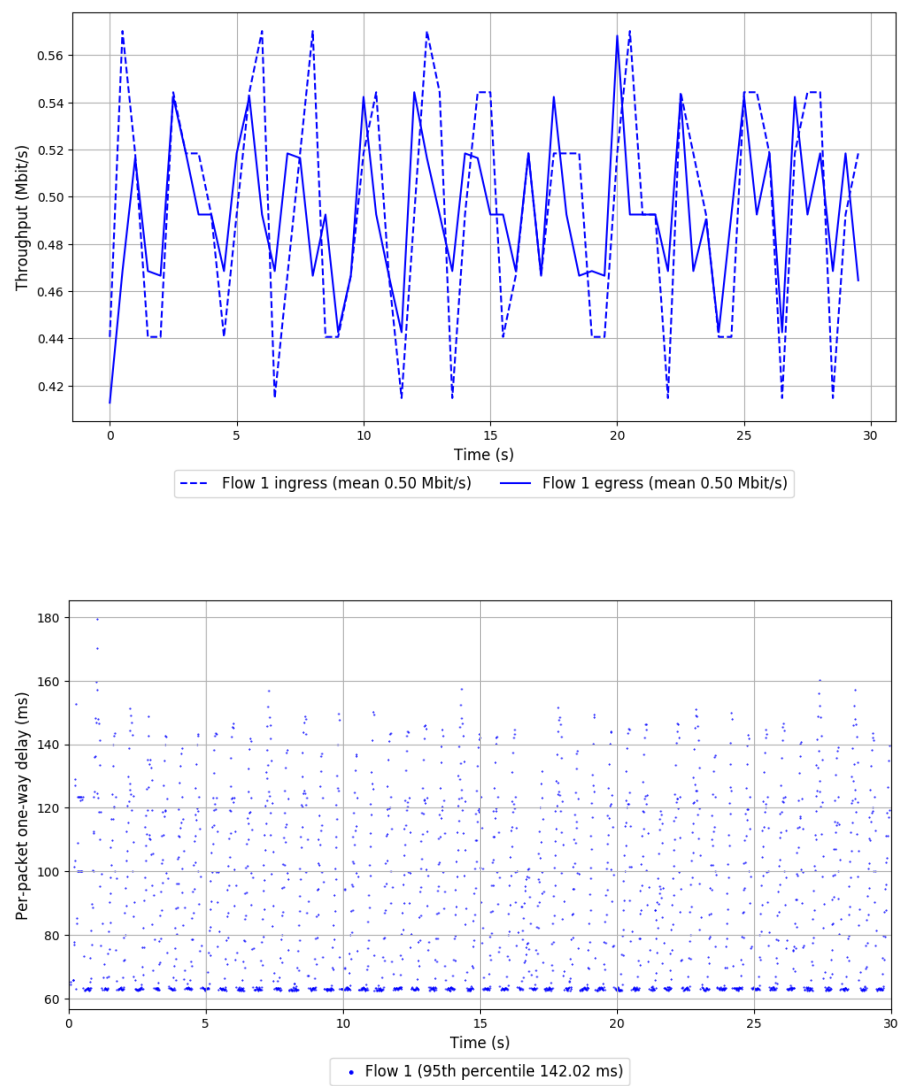
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 142.024 ms

Loss rate: 0.36%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:04:27 +0000

End at: Sun, 16 Jul 2017 22:04:57 +0000

Local clock offset: 0.957 ms

Remote clock offset: 3.038 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.735 ms

Loss rate: 4.43%

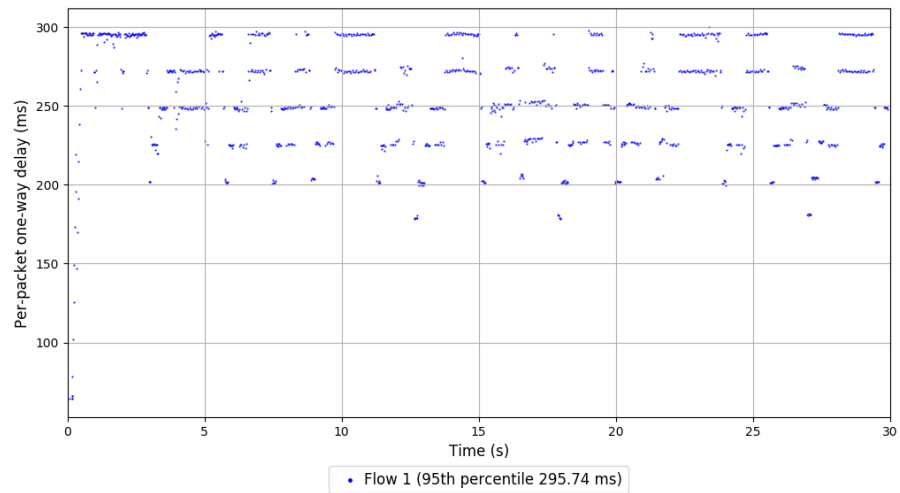
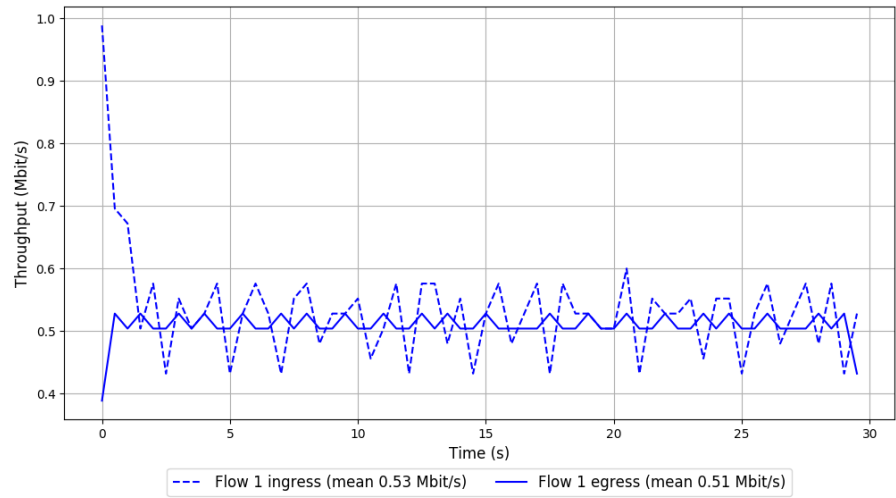
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.735 ms

Loss rate: 4.43%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:21:30 +0000

End at: Sun, 16 Jul 2017 22:22:00 +0000

Local clock offset: 0.583 ms

Remote clock offset: 2.776 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 298.660 ms

Loss rate: 4.49%

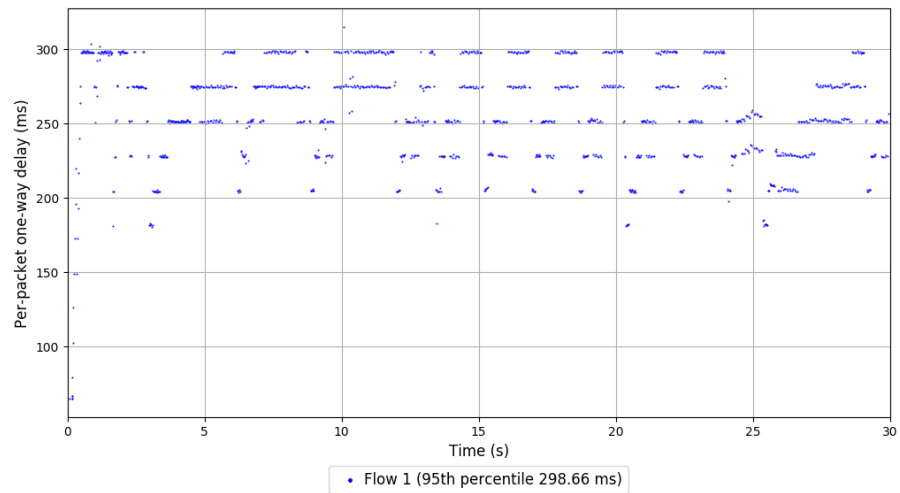
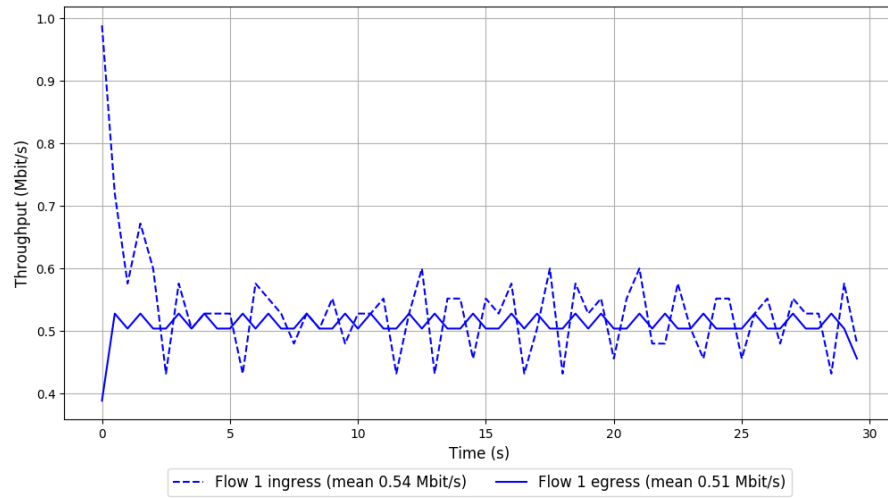
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 298.660 ms

Loss rate: 4.49%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:38:39 +0000

End at: Sun, 16 Jul 2017 22:39:09 +0000

Local clock offset: -0.819 ms

Remote clock offset: 4.006 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.790 ms

Loss rate: 4.28%

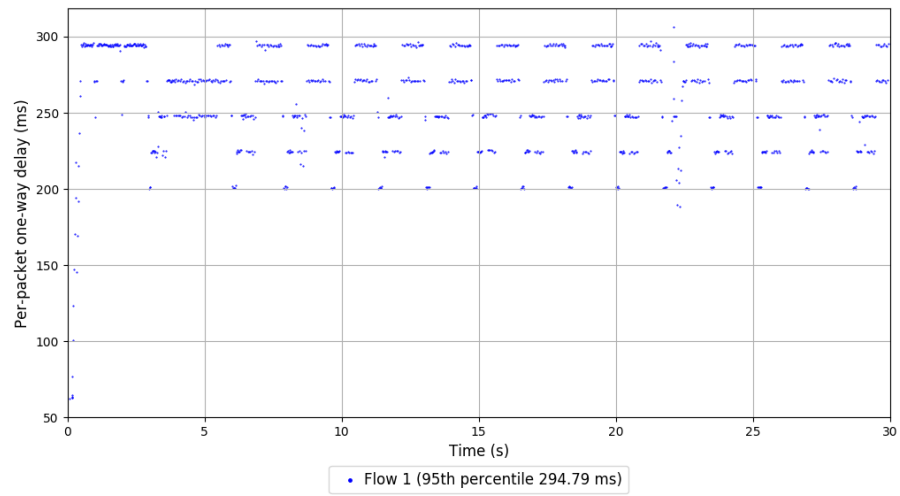
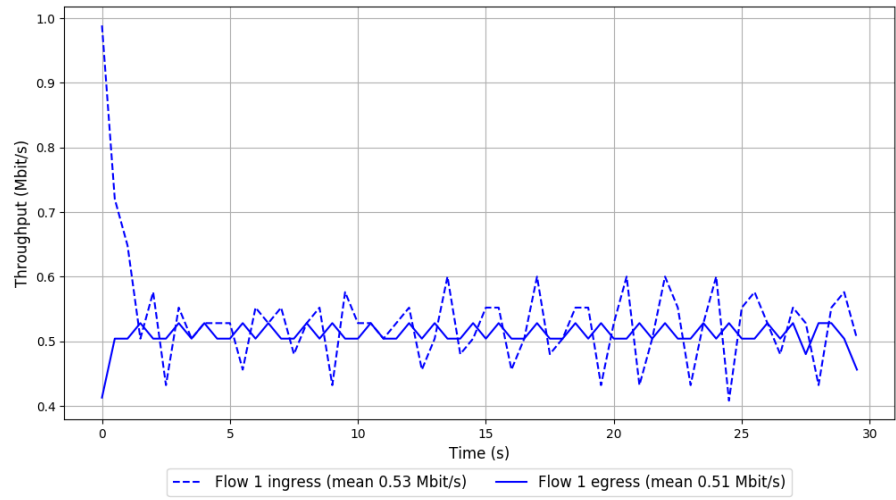
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.790 ms

Loss rate: 4.28%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 22:55:41 +0000

End at: Sun, 16 Jul 2017 22:56:11 +0000

Local clock offset: 1.49 ms

Remote clock offset: 3.79 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 297.251 ms

Loss rate: 4.21%

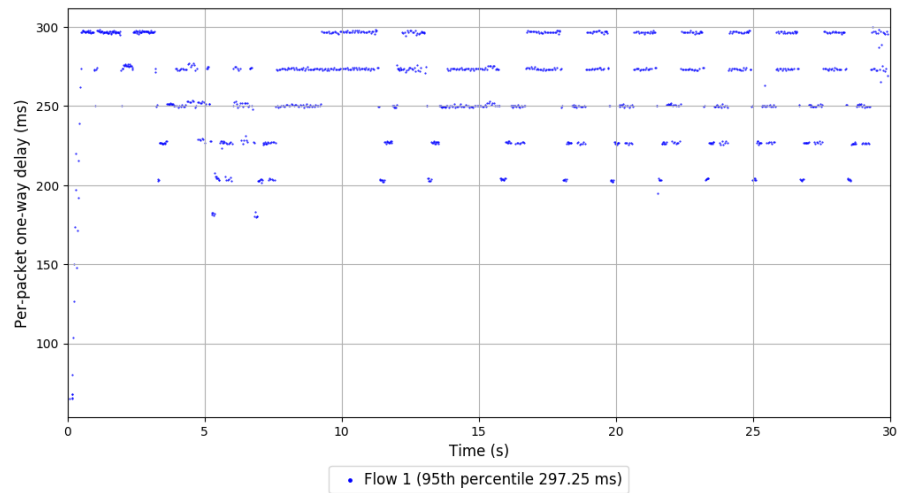
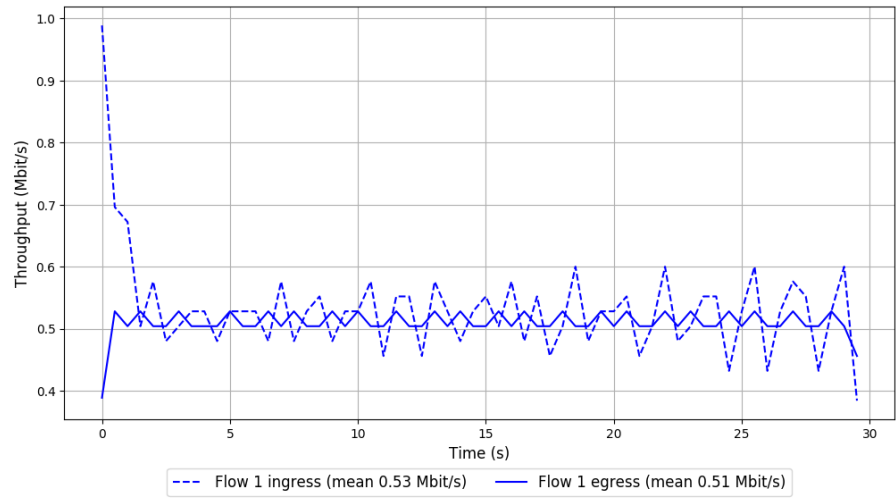
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 297.251 ms

Loss rate: 4.21%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:12:48 +0000

End at: Sun, 16 Jul 2017 23:13:18 +0000

Local clock offset: -1.85 ms

Remote clock offset: 4.586 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 293.166 ms

Loss rate: 4.71%

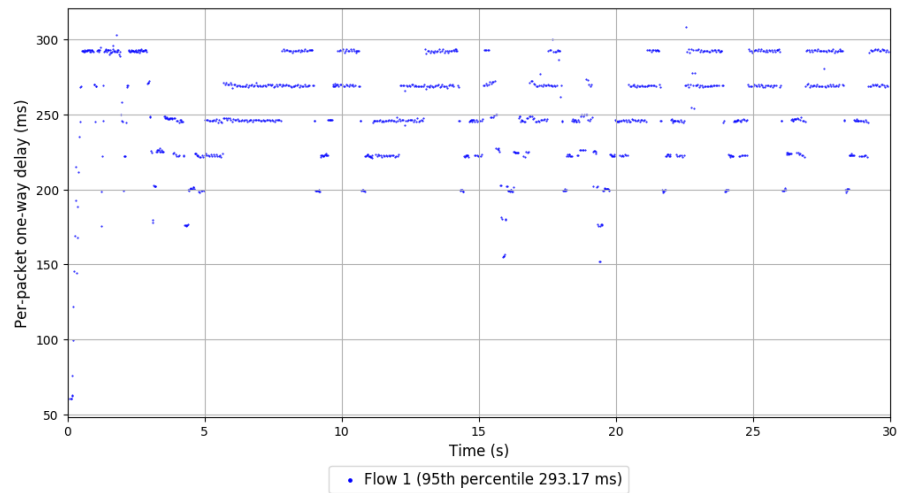
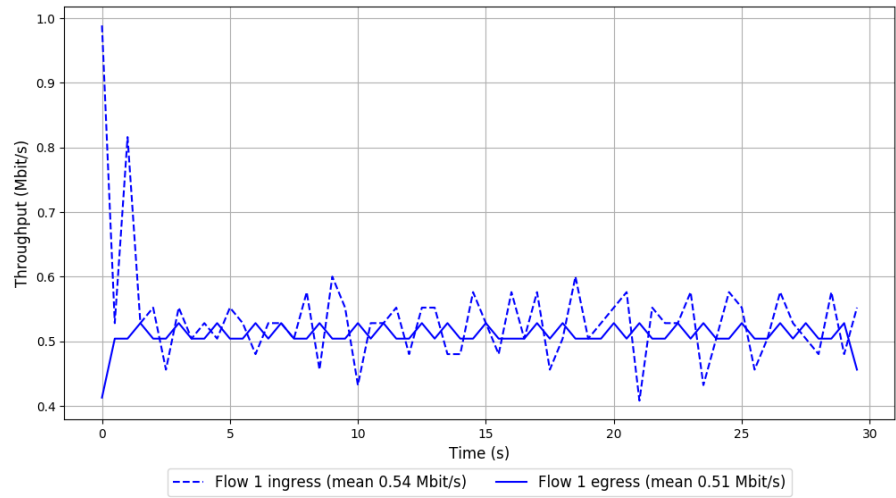
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 293.166 ms

Loss rate: 4.71%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:29:55 +0000

End at: Sun, 16 Jul 2017 23:30:25 +0000

Local clock offset: -0.943 ms

Remote clock offset: 6.326 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 270.995 ms

Loss rate: 3.87%

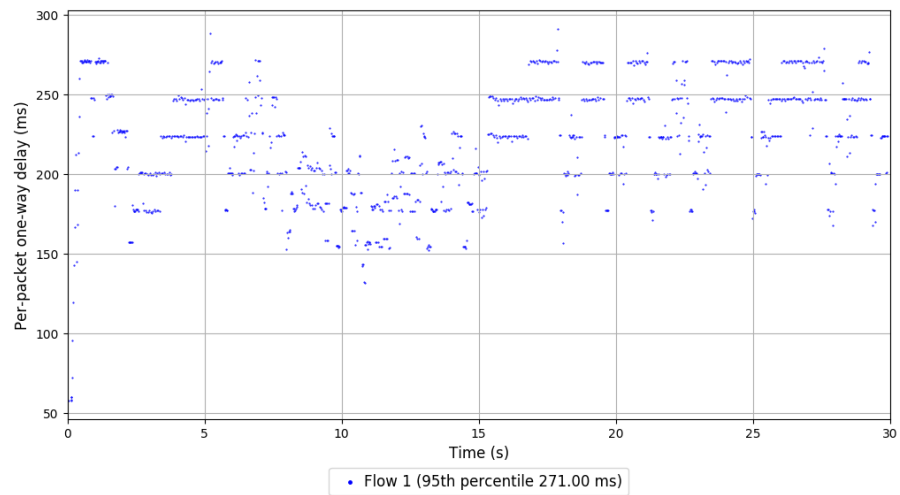
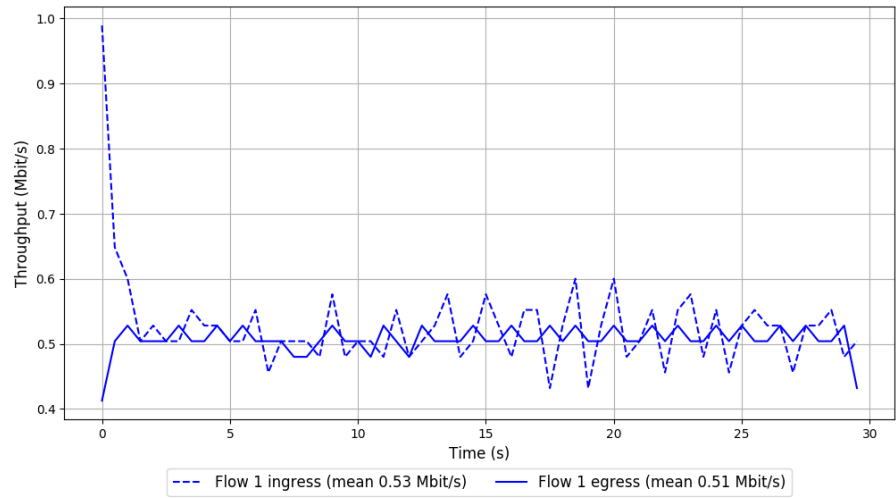
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 270.995 ms

Loss rate: 3.87%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 23:47:03 +0000

End at: Sun, 16 Jul 2017 23:47:33 +0000

Local clock offset: 2.176 ms

Remote clock offset: 3.588 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 285.449 ms

Loss rate: 4.60%

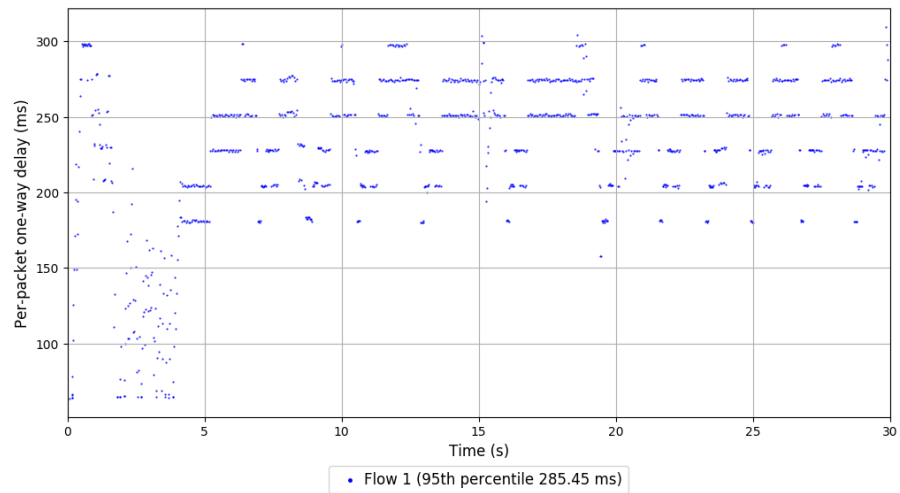
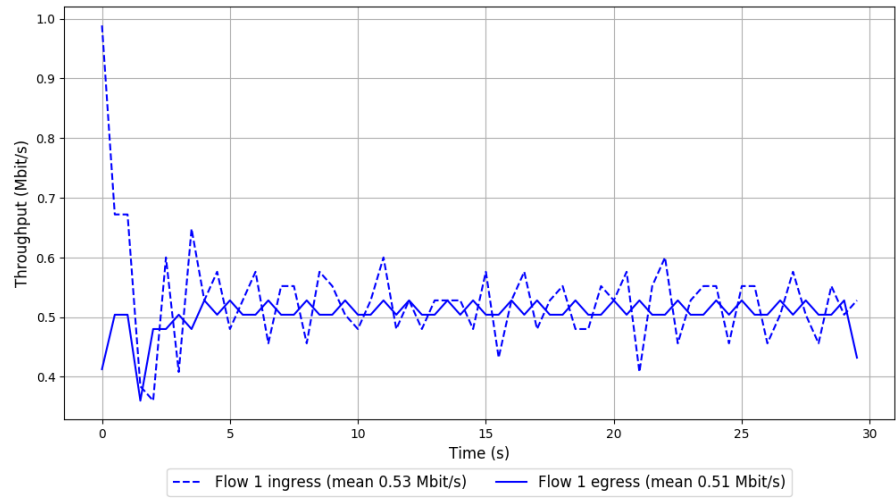
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 285.449 ms

Loss rate: 4.60%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Mon, 17 Jul 2017 00:04:31 +0000

End at: Mon, 17 Jul 2017 00:05:01 +0000

Local clock offset: -1.905 ms

Remote clock offset: 3.692 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 293.352 ms

Loss rate: 3.85%

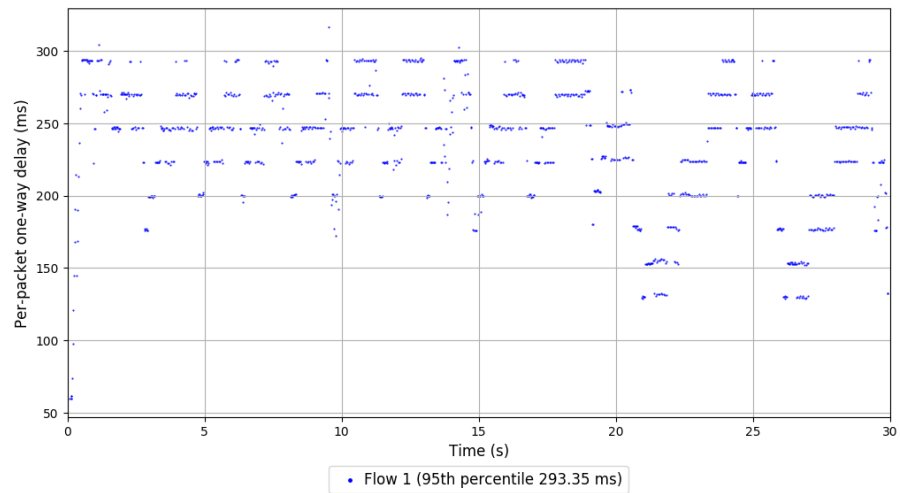
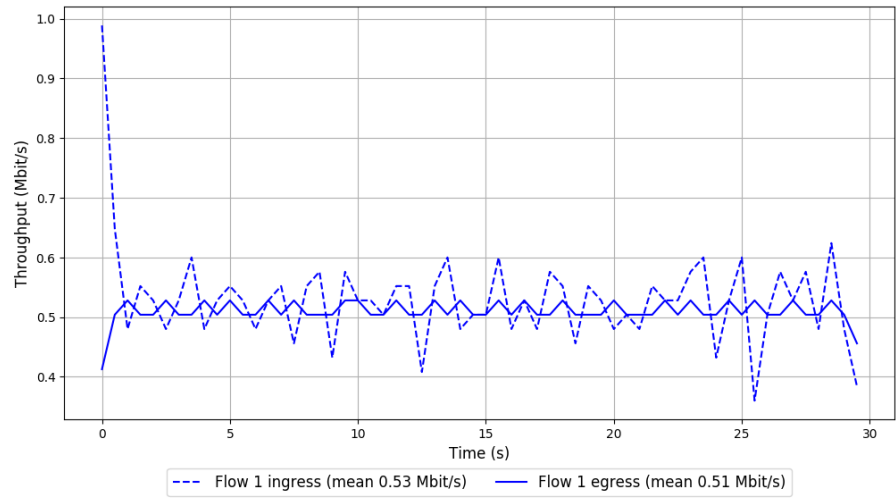
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 293.352 ms

Loss rate: 3.85%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Mon, 17 Jul 2017 00:21:28 +0000

End at: Mon, 17 Jul 2017 00:21:58 +0000

Local clock offset: 0.751 ms

Remote clock offset: 4.091 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 274.263 ms

Loss rate: 3.92%

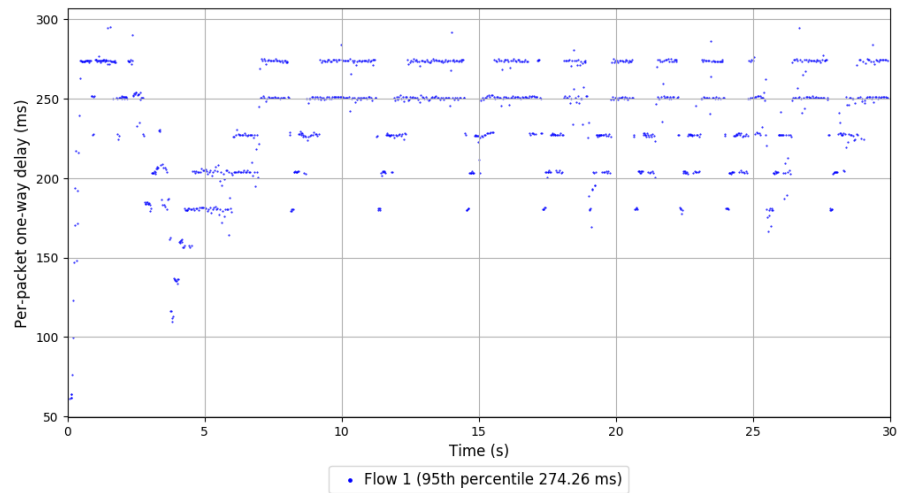
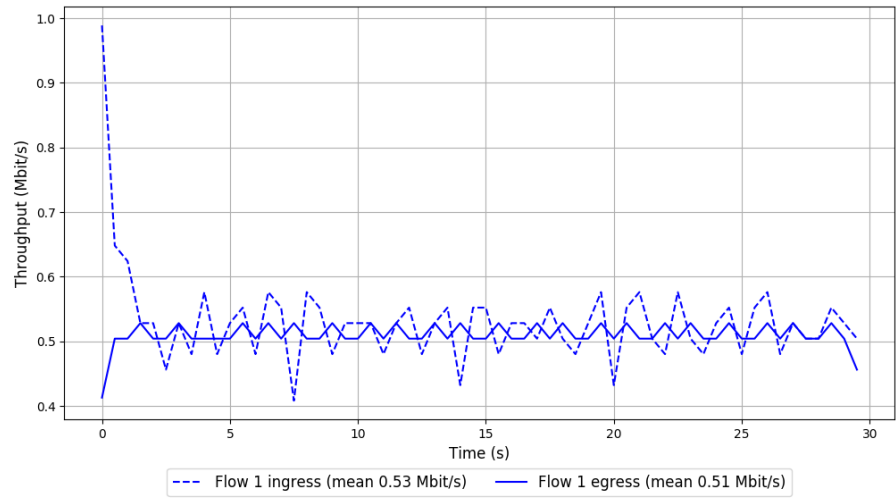
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 274.263 ms

Loss rate: 3.92%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Mon, 17 Jul 2017 00:38:28 +0000

End at: Mon, 17 Jul 2017 00:38:58 +0000

Local clock offset: 2.642 ms

Remote clock offset: 3.739 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 279.041 ms

Loss rate: 4.07%

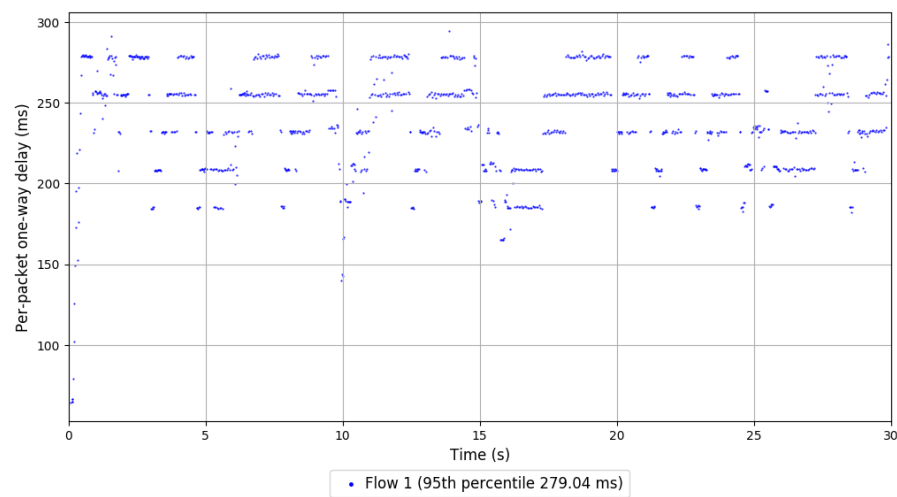
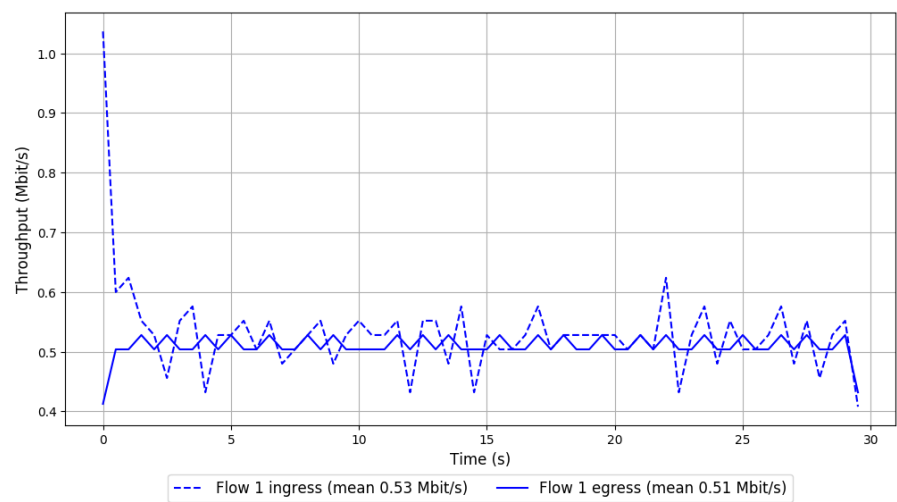
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 279.041 ms

Loss rate: 4.07%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 22:09:18 +0000

End at: Sun, 16 Jul 2017 22:09:48 +0000

Local clock offset: 1.925 ms

Remote clock offset: 2.914 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 136.338 ms

Loss rate: 0.78%

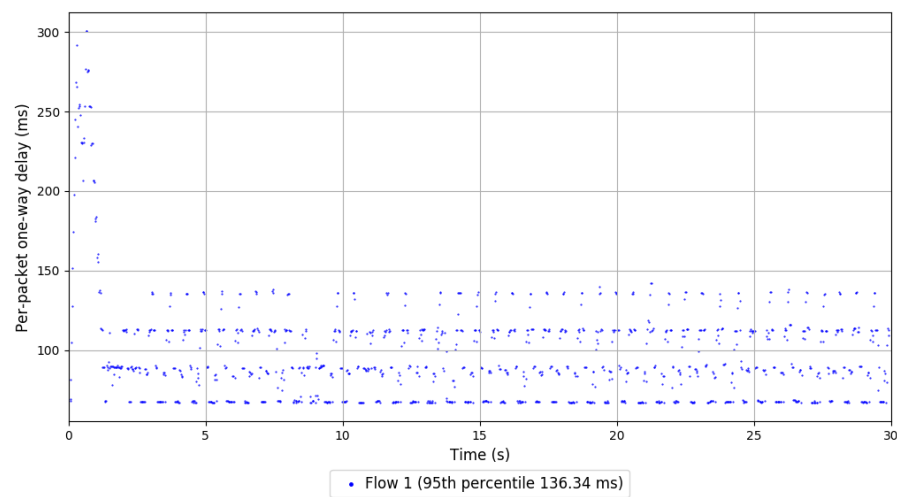
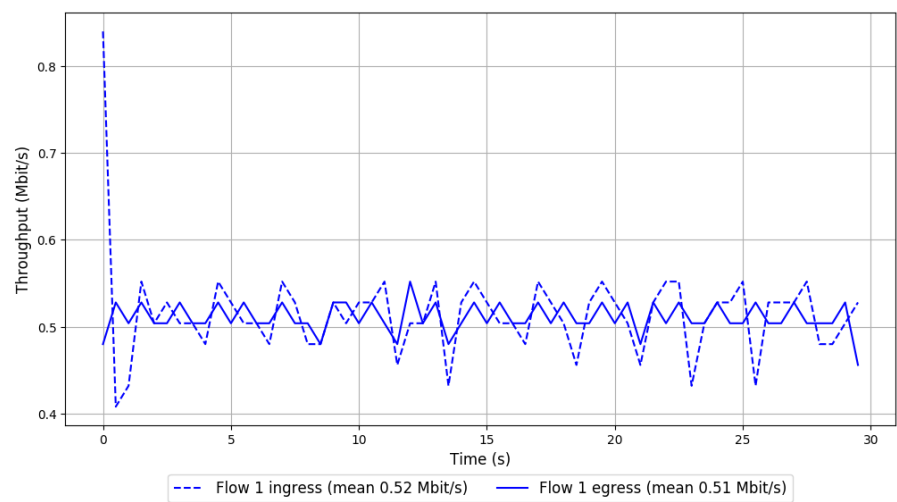
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 136.338 ms

Loss rate: 0.78%

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 22:26:33 +0000

End at: Sun, 16 Jul 2017 22:27:03 +0000

Local clock offset: 2.332 ms

Remote clock offset: 4.505 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 112.832 ms

Loss rate: 0.85%

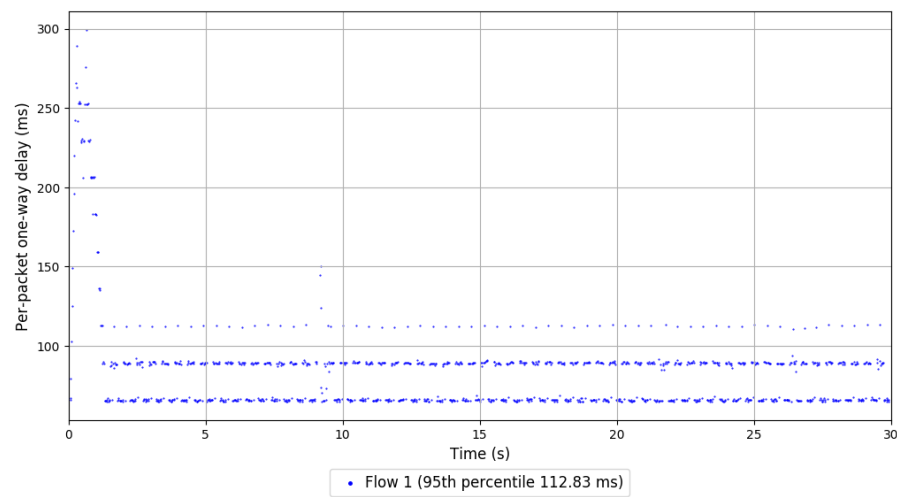
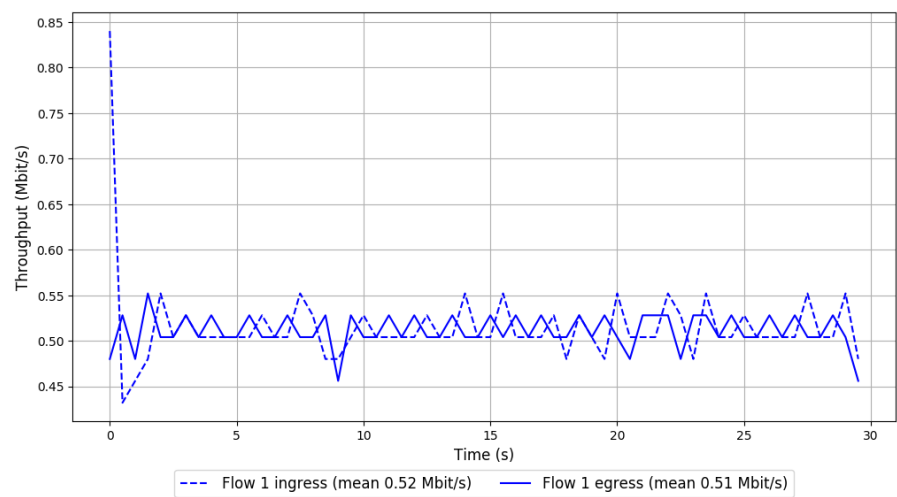
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 112.832 ms

Loss rate: 0.85%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 22:43:31 +0000

End at: Sun, 16 Jul 2017 22:44:01 +0000

Local clock offset: -0.131 ms

Remote clock offset: 3.799 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 132.146 ms

Loss rate: 0.86%

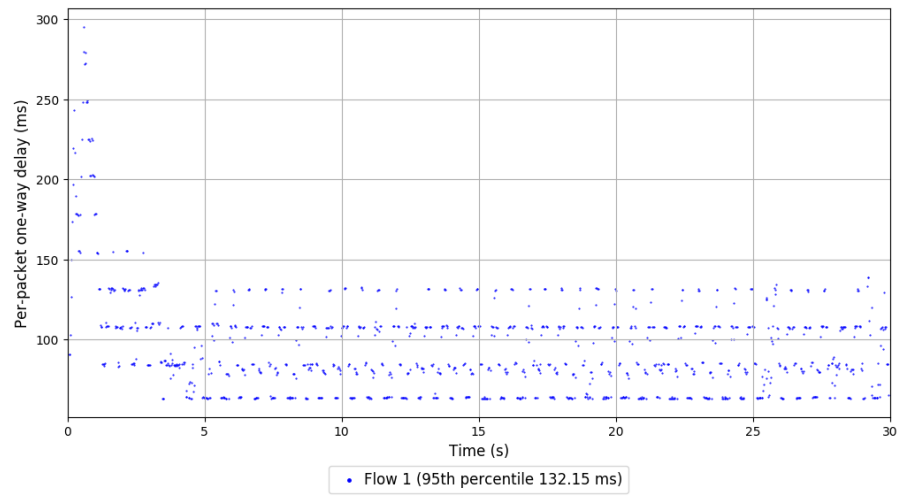
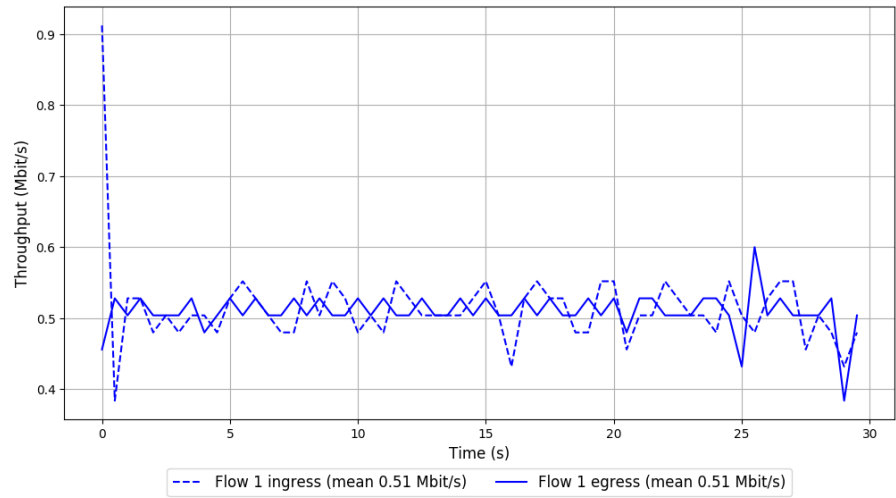
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 132.146 ms

Loss rate: 0.86%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 23:00:40 +0000

End at: Sun, 16 Jul 2017 23:01:10 +0000

Local clock offset: -0.67 ms

Remote clock offset: 3.157 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 133.559 ms

Loss rate: 0.70%

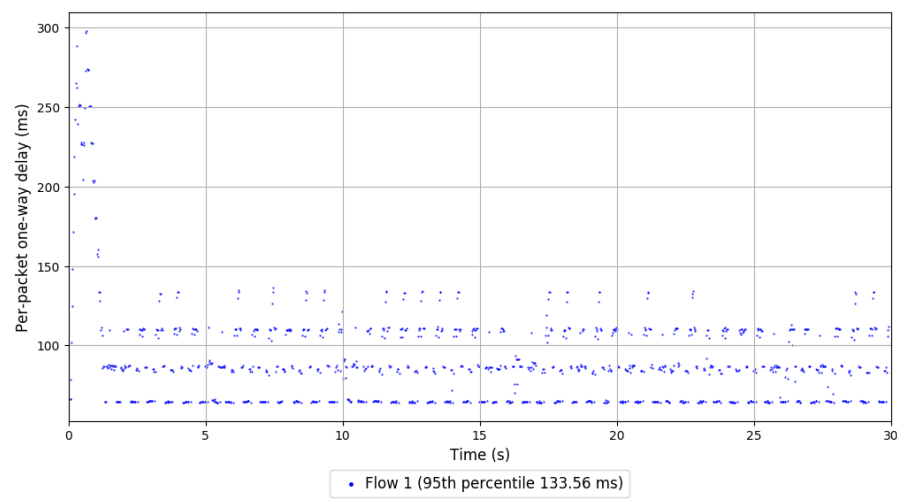
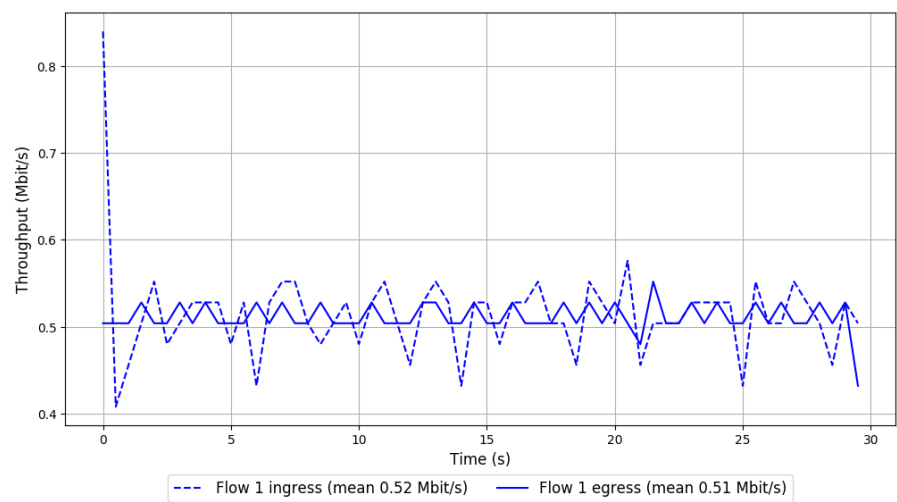
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 133.559 ms

Loss rate: 0.70%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 23:17:45 +0000

End at: Sun, 16 Jul 2017 23:18:15 +0000

Local clock offset: -3.728 ms

Remote clock offset: -2.101 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:21 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 136.007 ms

Loss rate: 0.78%

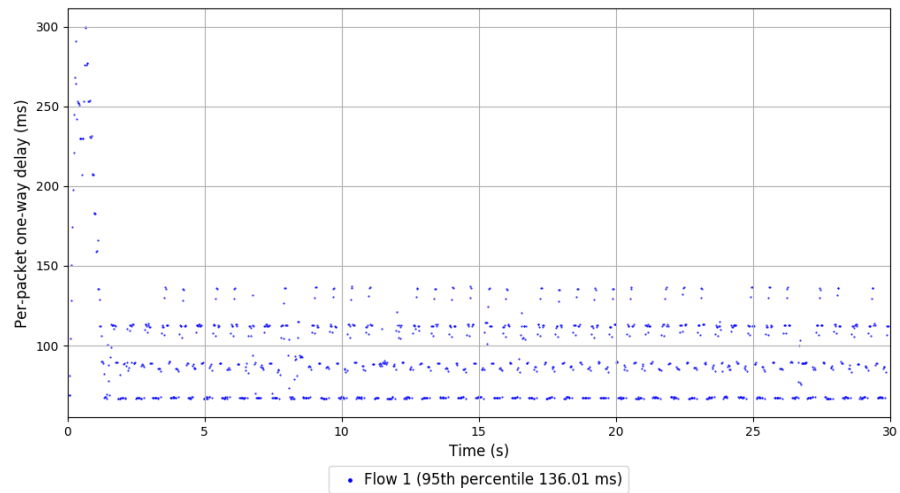
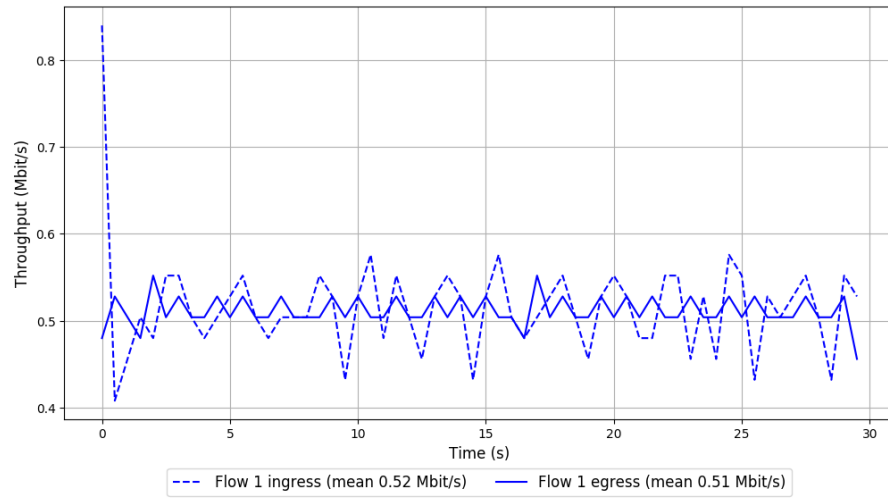
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 136.007 ms

Loss rate: 0.78%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 23:34:47 +0000

End at: Sun, 16 Jul 2017 23:35:17 +0000

Local clock offset: 1.042 ms

Remote clock offset: 5.207 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 111.053 ms

Loss rate: 0.71%

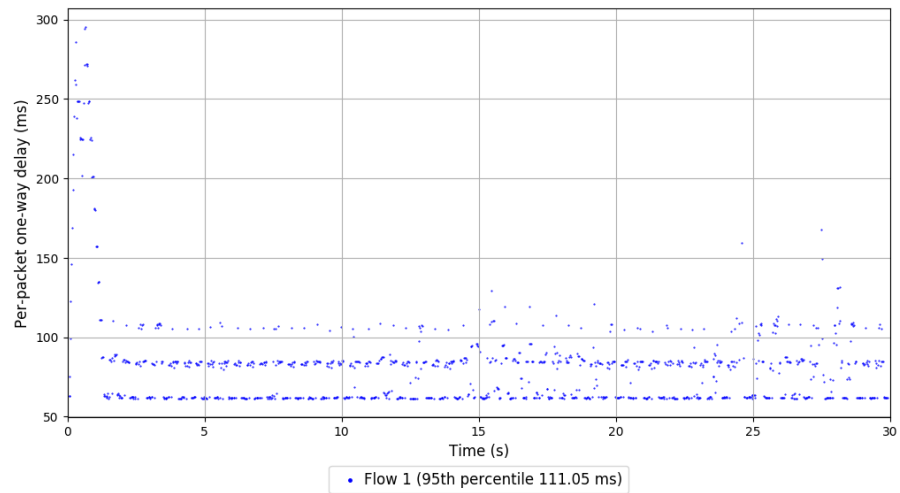
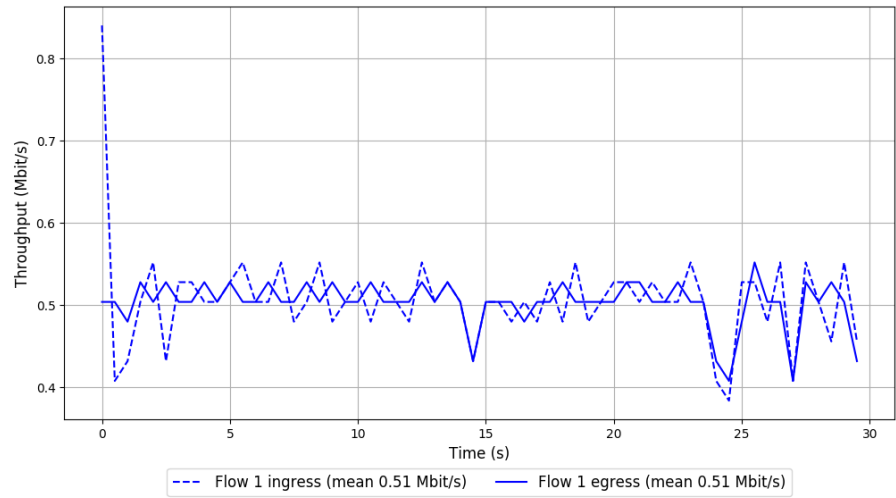
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 111.053 ms

Loss rate: 0.71%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 23:52:19 +0000

End at: Sun, 16 Jul 2017 23:52:49 +0000

Local clock offset: -1.656 ms

Remote clock offset: 3.974 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 108.595 ms

Loss rate: 0.85%

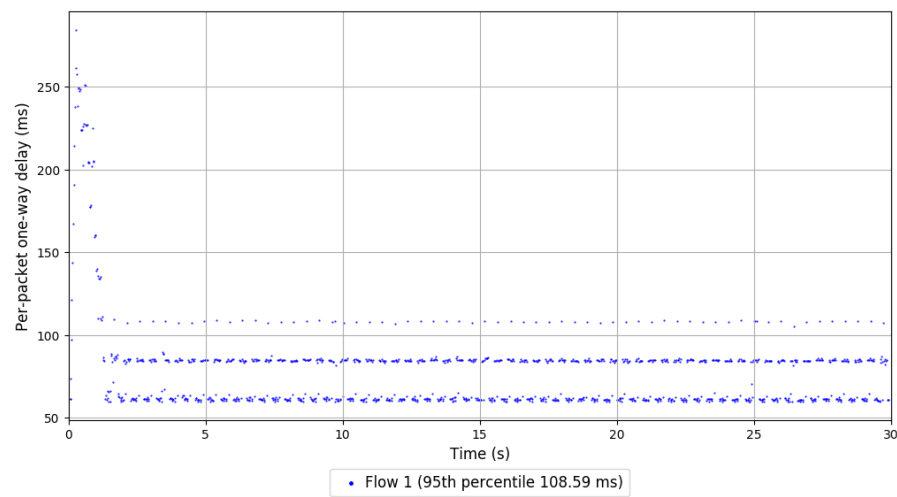
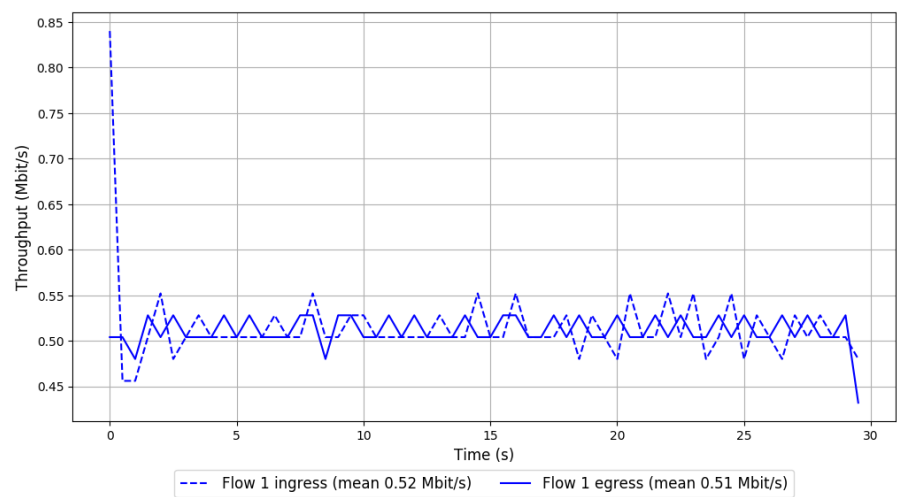
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 108.595 ms

Loss rate: 0.85%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Mon, 17 Jul 2017 00:09:22 +0000

End at: Mon, 17 Jul 2017 00:09:52 +0000

Local clock offset: 2.208 ms

Remote clock offset: 4.111 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:23 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 112.150 ms

Loss rate: 0.78%

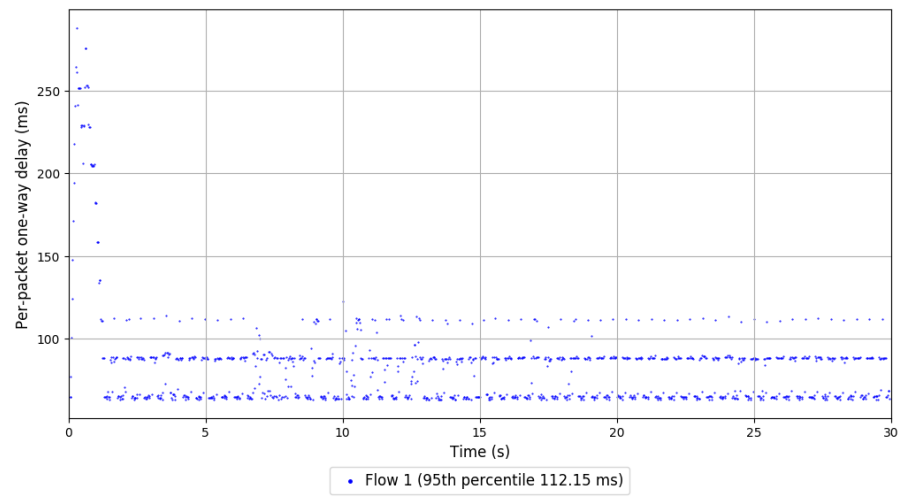
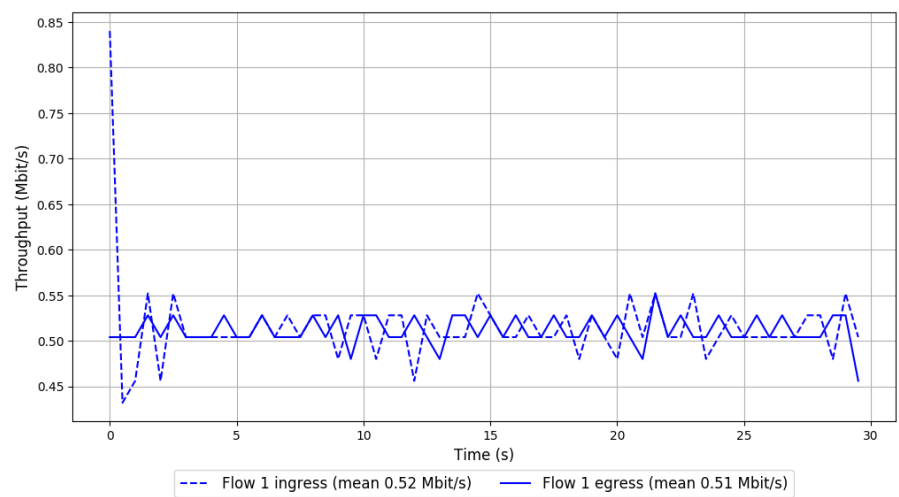
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 112.150 ms

Loss rate: 0.78%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Mon, 17 Jul 2017 00:26:20 +0000

End at: Mon, 17 Jul 2017 00:26:50 +0000

Local clock offset: 1.344 ms

Remote clock offset: 4.624 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 110.410 ms

Loss rate: 0.62%

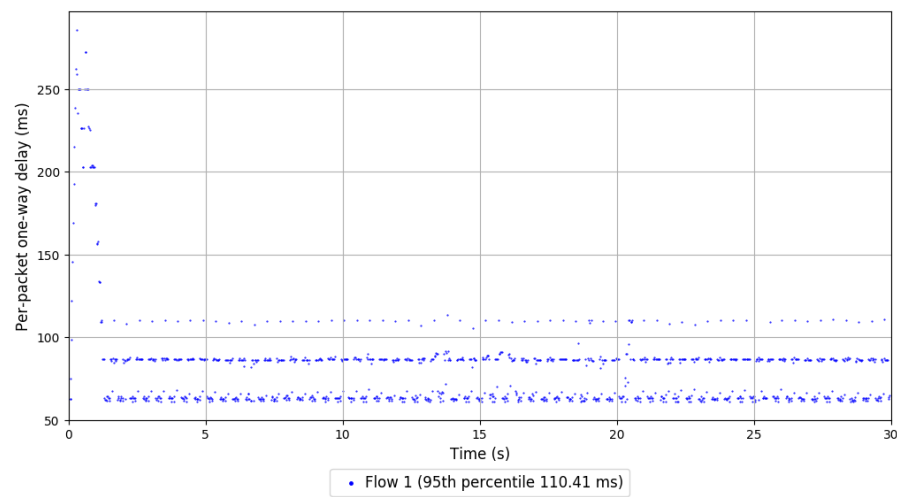
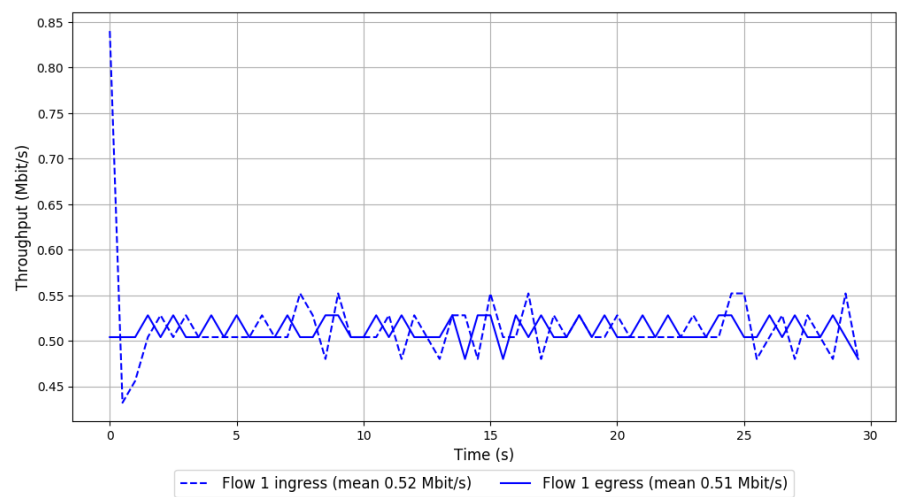
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 110.410 ms

Loss rate: 0.62%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Mon, 17 Jul 2017 00:43:25 +0000

End at: Mon, 17 Jul 2017 00:43:55 +0000

Local clock offset: 1.597 ms

Remote clock offset: 2.511 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:24 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 112.519 ms

Loss rate: 0.70%

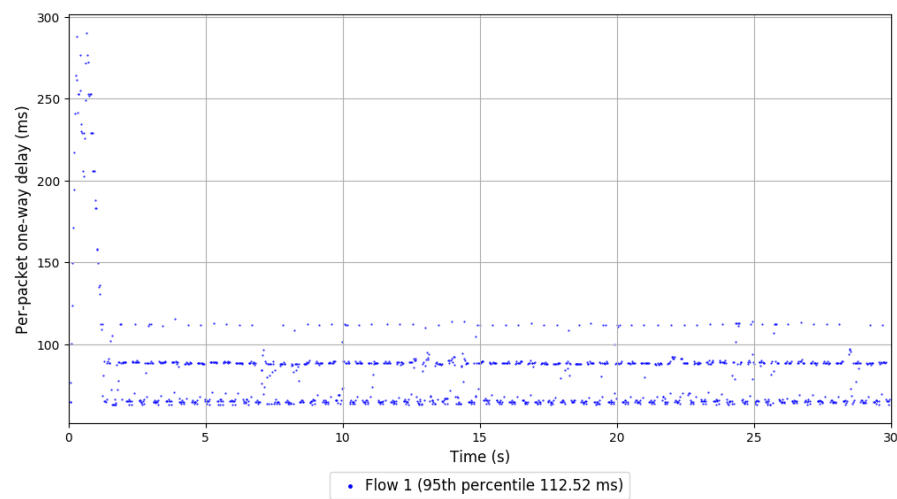
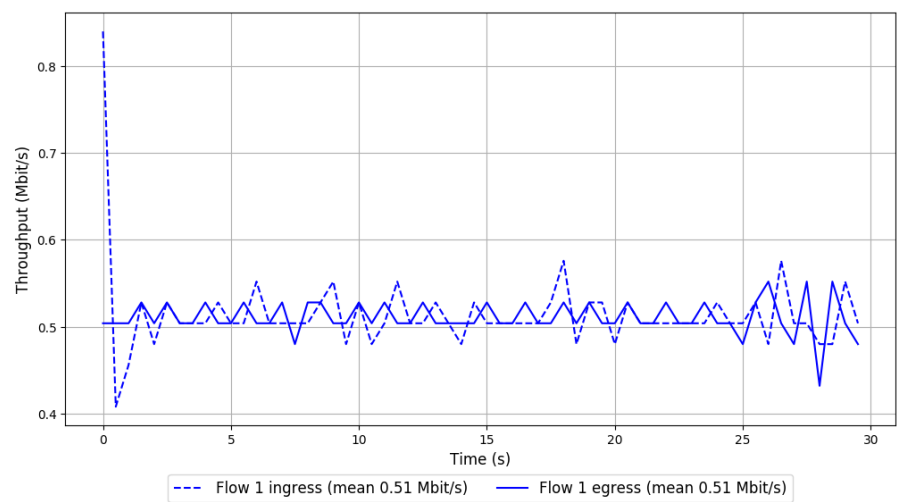
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 112.519 ms

Loss rate: 0.70%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:58:22 +0000

End at: Sun, 16 Jul 2017 21:58:52 +0000

Local clock offset: -1.485 ms

Remote clock offset: 3.691 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:25 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.703 ms

Loss rate: 0.69%

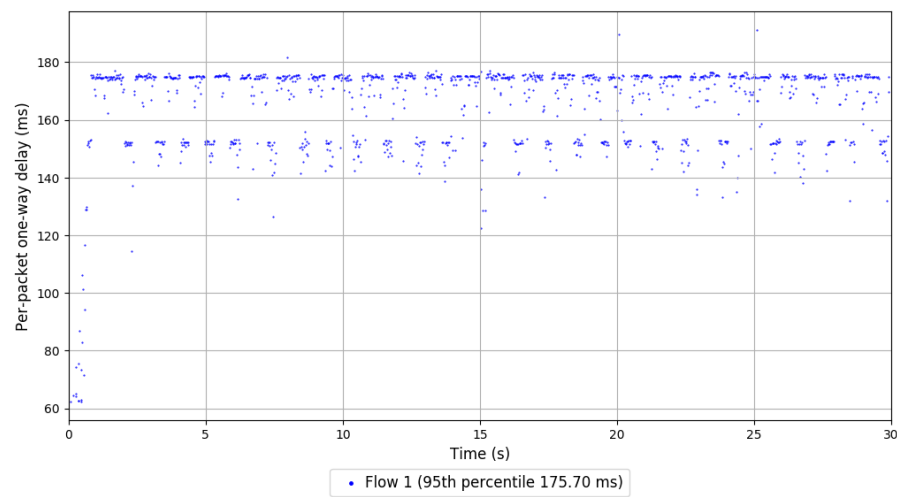
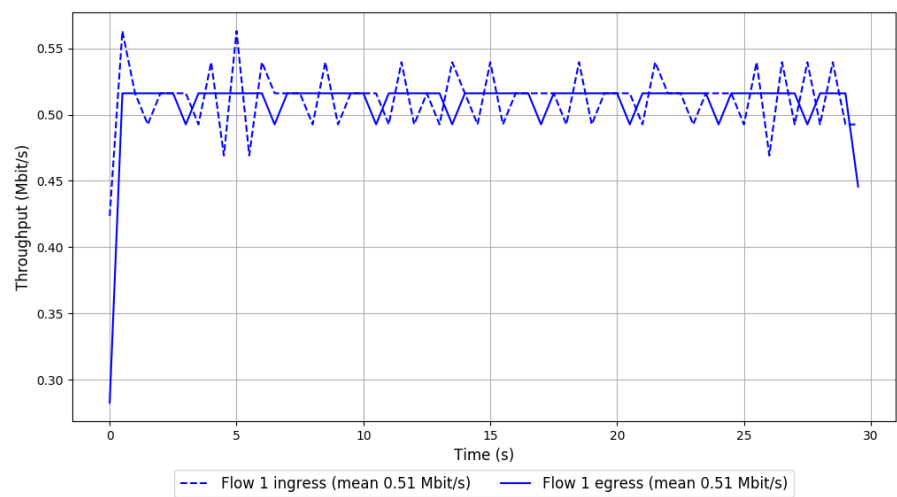
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.703 ms

Loss rate: 0.69%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:15:21 +0000

End at: Sun, 16 Jul 2017 22:15:51 +0000

Local clock offset: -0.878 ms

Remote clock offset: 3.327 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 173.826 ms

Loss rate: 0.69%

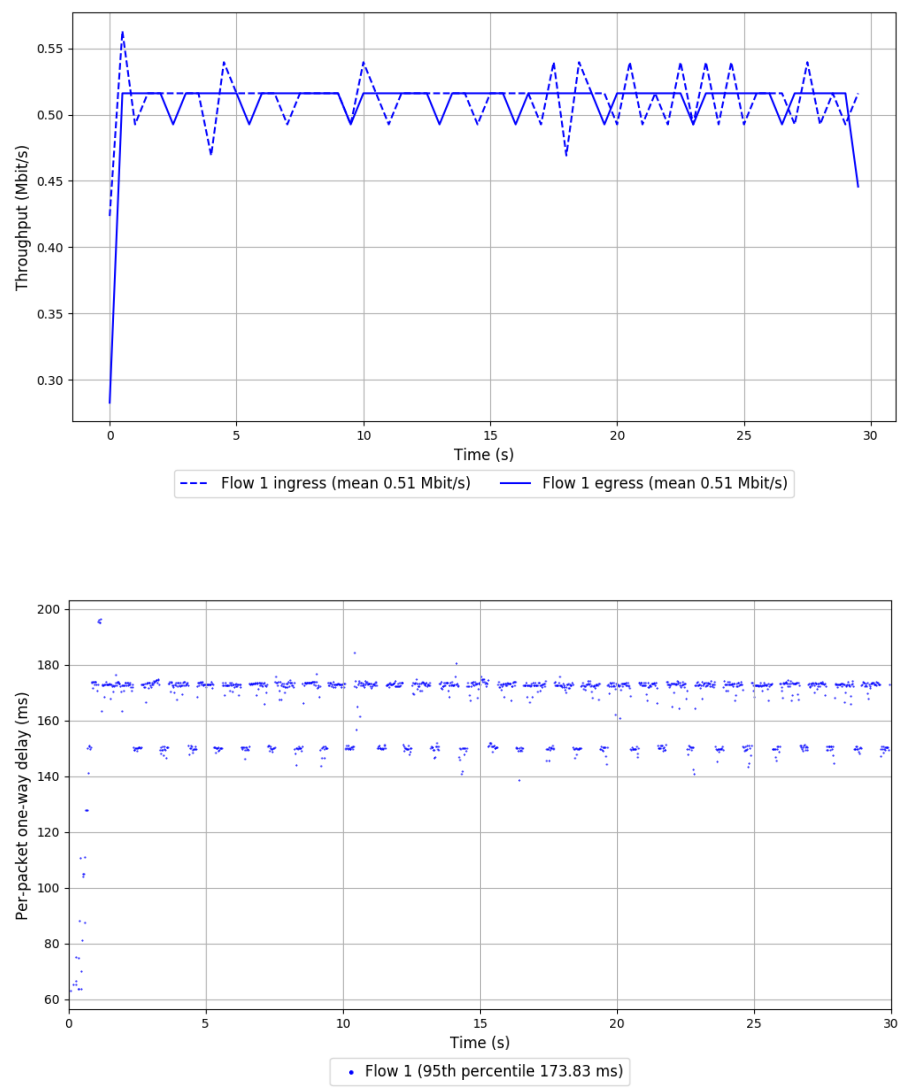
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 173.826 ms

Loss rate: 0.69%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:32:37 +0000

End at: Sun, 16 Jul 2017 22:33:07 +0000

Local clock offset: -0.833 ms

Remote clock offset: 3.273 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:26 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.825 ms

Loss rate: 0.61%

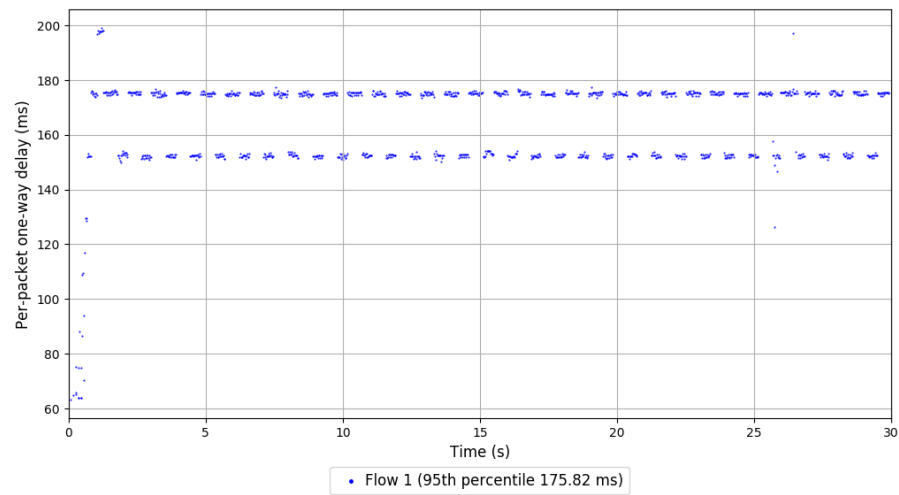
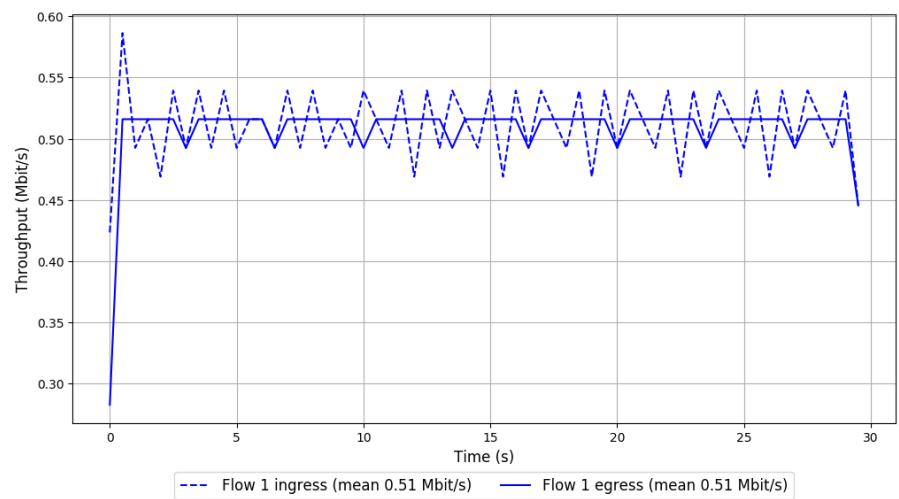
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.825 ms

Loss rate: 0.61%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 22:49:36 +0000

End at: Sun, 16 Jul 2017 22:50:06 +0000

Local clock offset: -1.003 ms

Remote clock offset: 3.031 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 177.817 ms

Loss rate: 0.62%

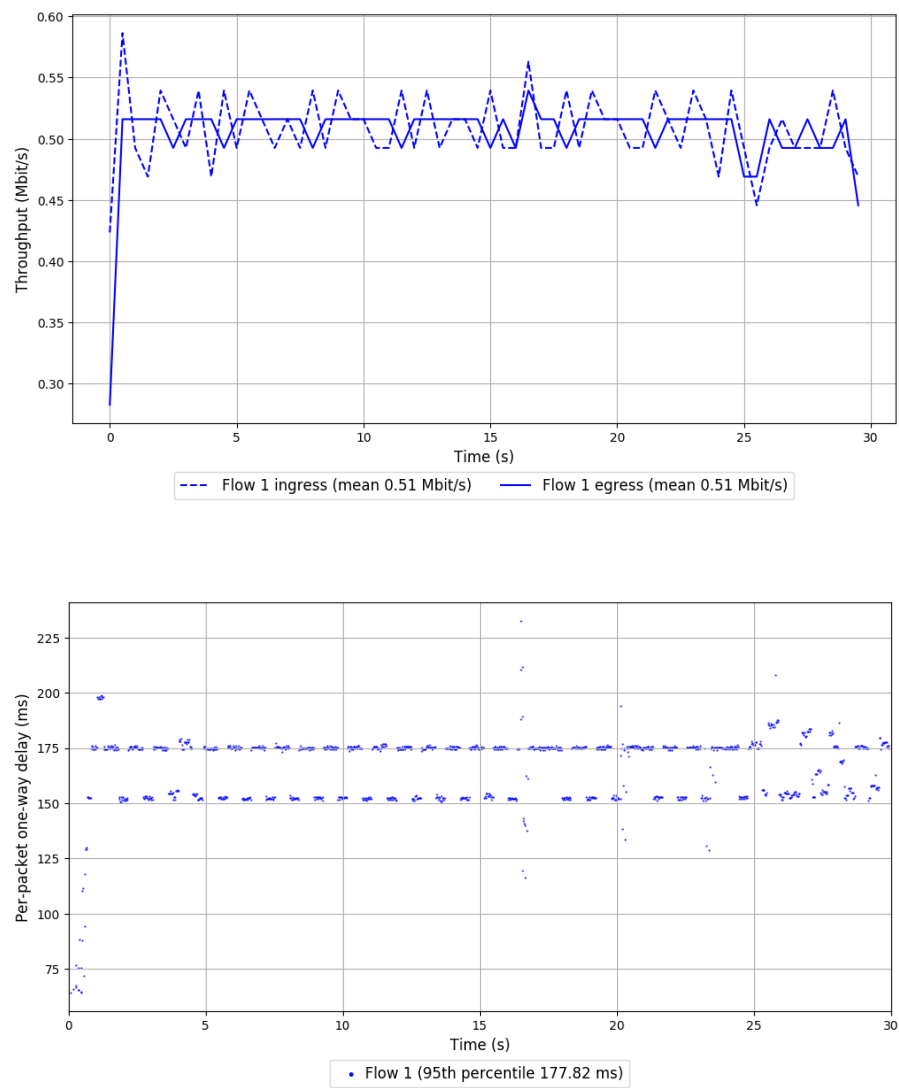
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 177.817 ms

Loss rate: 0.62%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:06:44 +0000

End at: Sun, 16 Jul 2017 23:07:14 +0000

Local clock offset: -1.417 ms

Remote clock offset: 4.222 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.918 ms

Loss rate: 0.61%

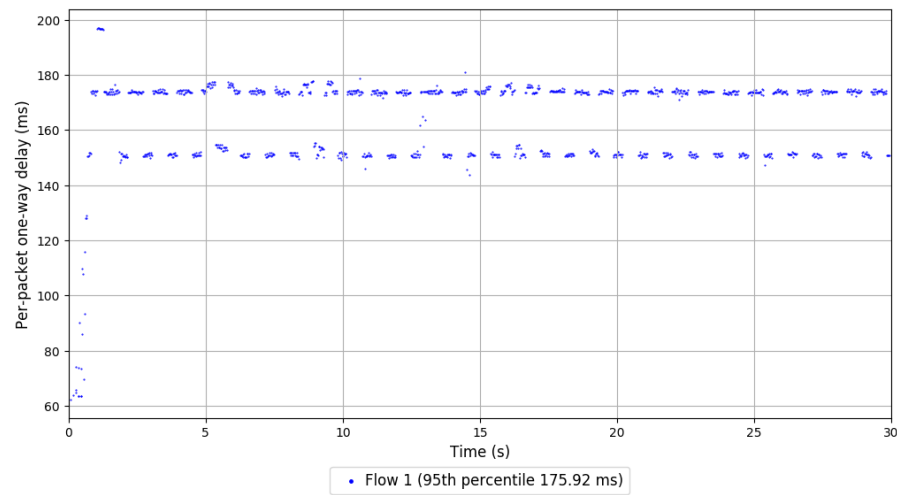
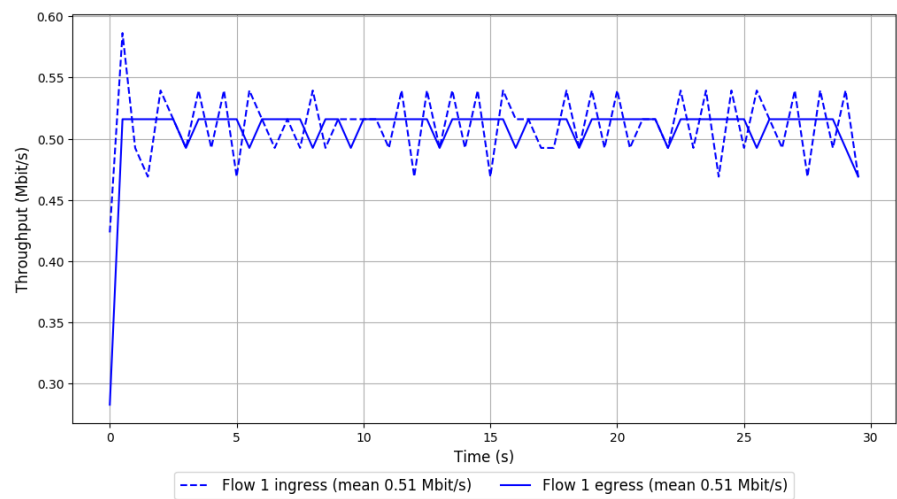
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.918 ms

Loss rate: 0.61%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:23:48 +0000

End at: Sun, 16 Jul 2017 23:24:18 +0000

Local clock offset: 1.006 ms

Remote clock offset: 3.396 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 176.307 ms

Loss rate: 0.61%

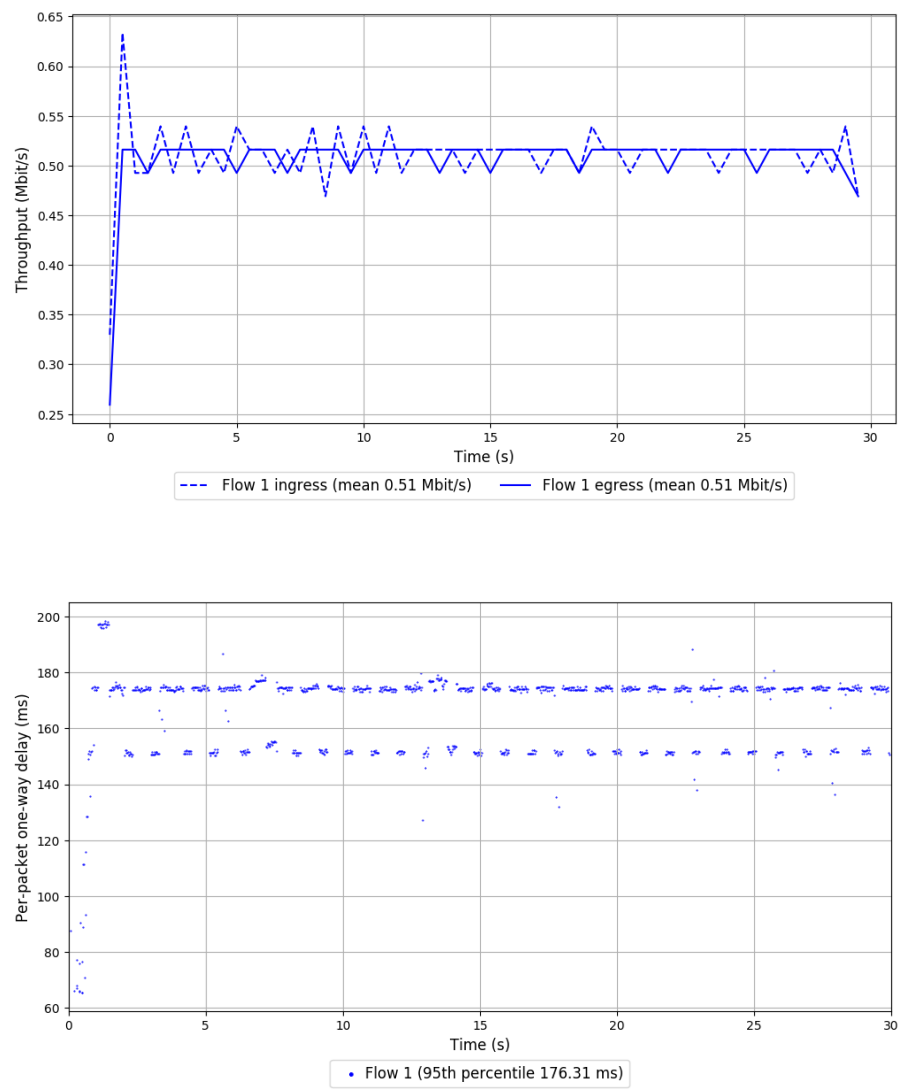
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 176.307 ms

Loss rate: 0.61%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:40:52 +0000

End at: Sun, 16 Jul 2017 23:41:22 +0000

Local clock offset: 0.899 ms

Remote clock offset: 5.581 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:28 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 173.645 ms

Loss rate: 0.69%

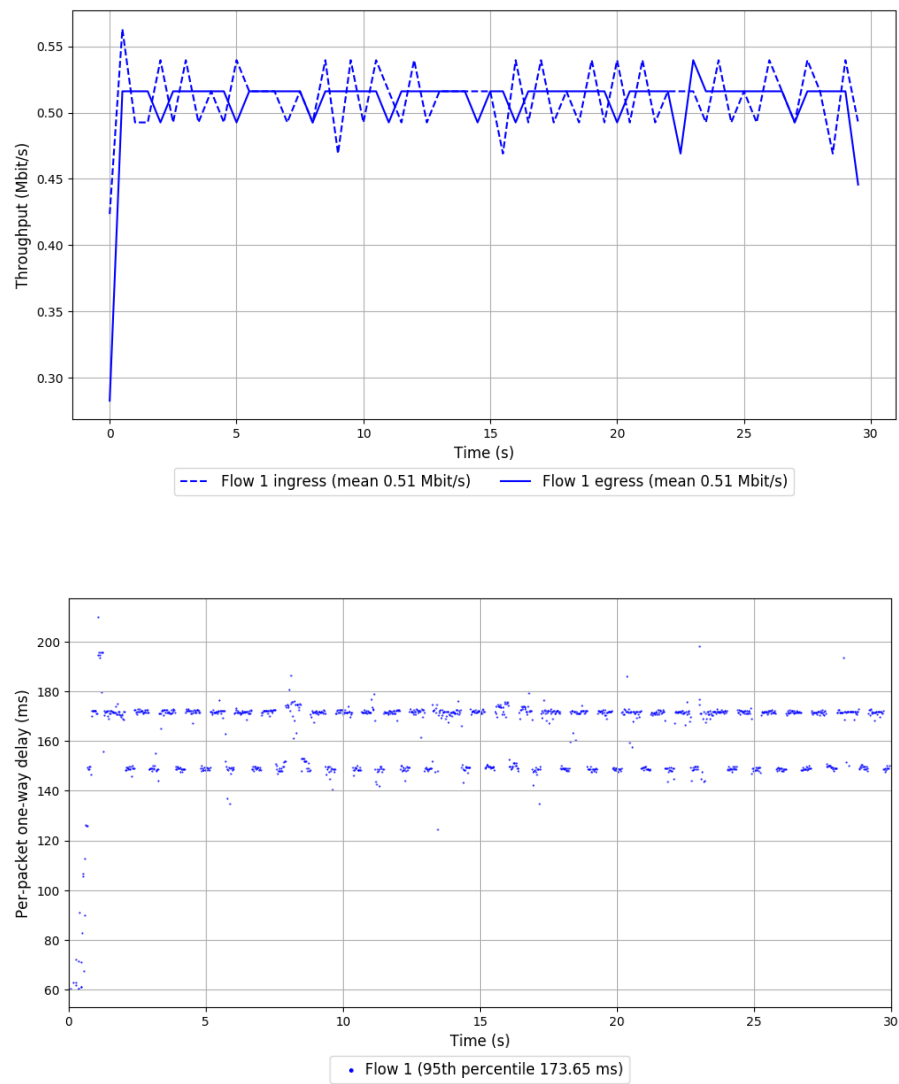
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 173.645 ms

Loss rate: 0.69%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 23:58:27 +0000

End at: Sun, 16 Jul 2017 23:58:57 +0000

Local clock offset: 2.456 ms

Remote clock offset: 4.728 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 176.032 ms

Loss rate: 0.69%

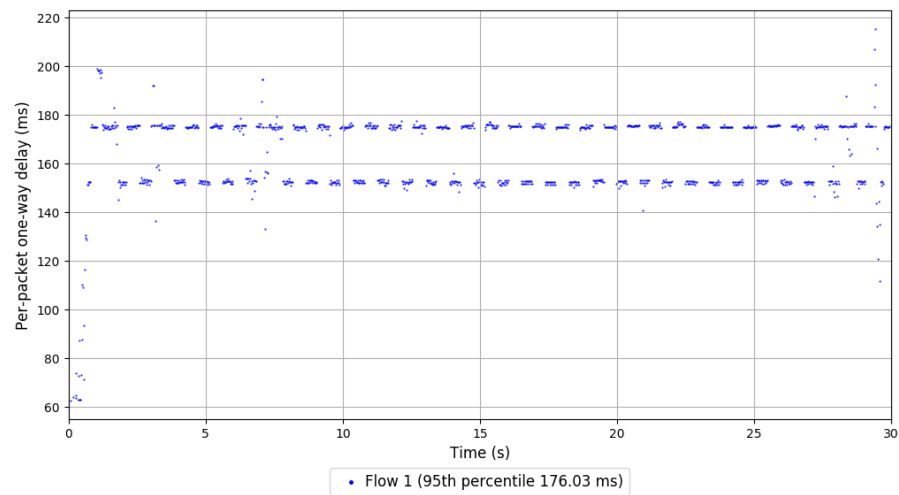
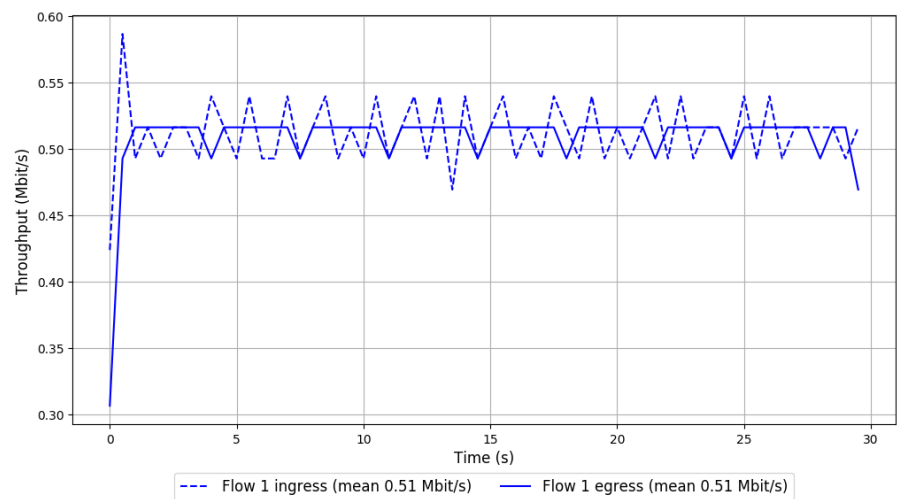
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 176.032 ms

Loss rate: 0.69%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Mon, 17 Jul 2017 00:15:24 +0000

End at: Mon, 17 Jul 2017 00:15:54 +0000

Local clock offset: -0.345 ms

Remote clock offset: 4.178 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.066 ms

Loss rate: 0.61%

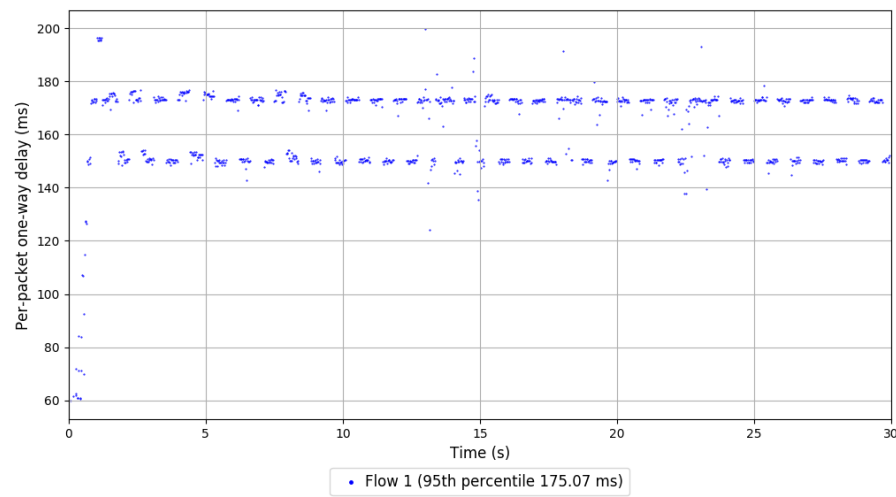
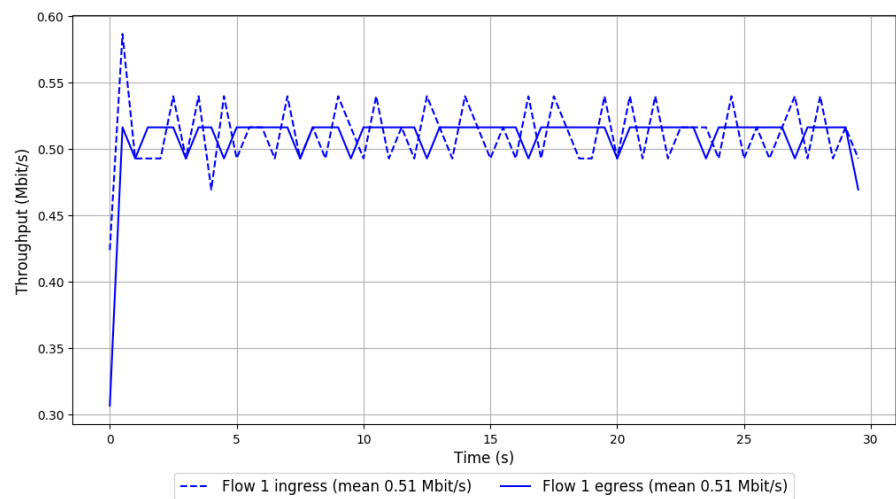
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 175.066 ms

Loss rate: 0.61%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Mon, 17 Jul 2017 00:32:23 +0000

End at: Mon, 17 Jul 2017 00:32:53 +0000

Local clock offset: -4.644 ms

Remote clock offset: 3.544 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 171.126 ms

Loss rate: 0.69%

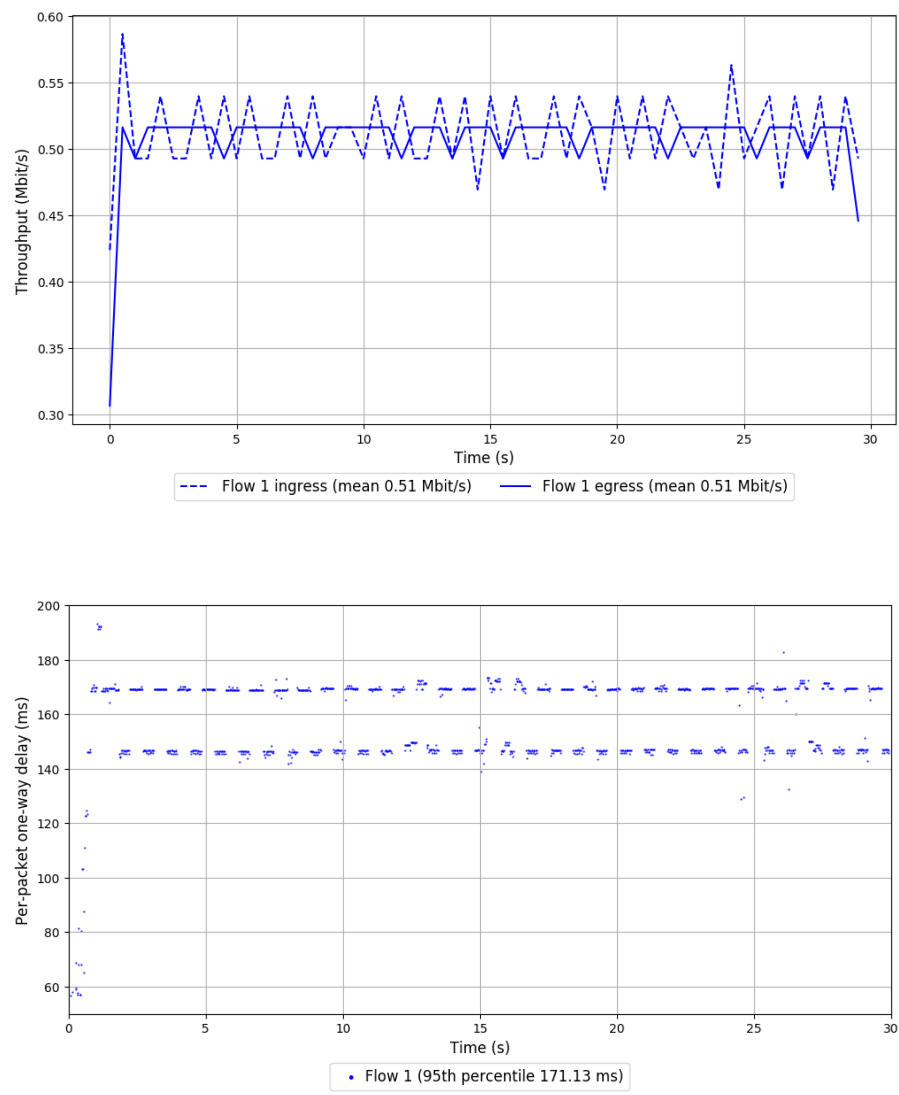
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 171.126 ms

Loss rate: 0.69%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:06:52 +0000

End at: Sun, 16 Jul 2017 22:07:22 +0000

Local clock offset: 1.754 ms

Remote clock offset: 3.586 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 298.704 ms

Loss rate: 76.46%

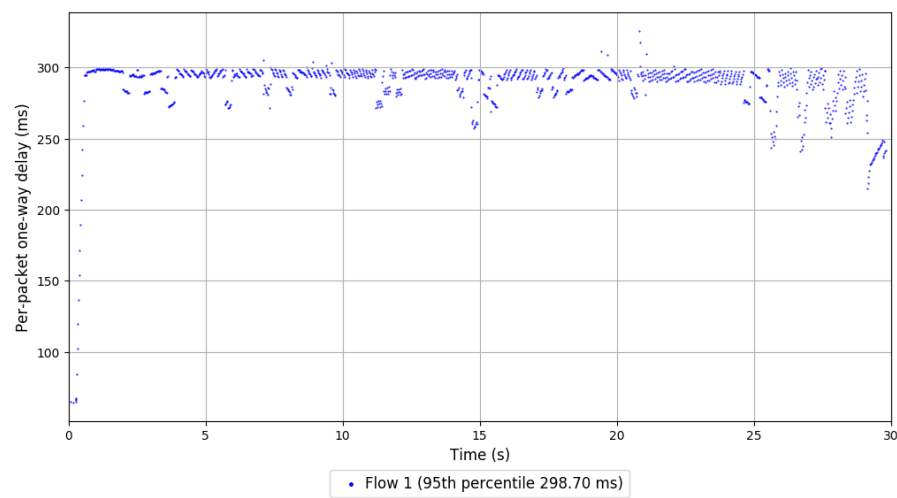
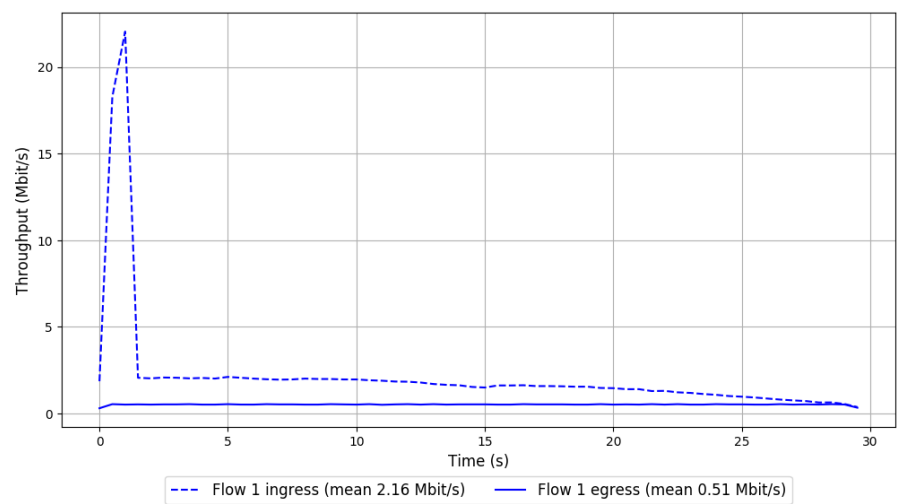
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 298.704 ms

Loss rate: 76.46%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:24:05 +0000

End at: Sun, 16 Jul 2017 22:24:35 +0000

Local clock offset: 0.313 ms

Remote clock offset: 3.79 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 297.522 ms

Loss rate: 70.17%

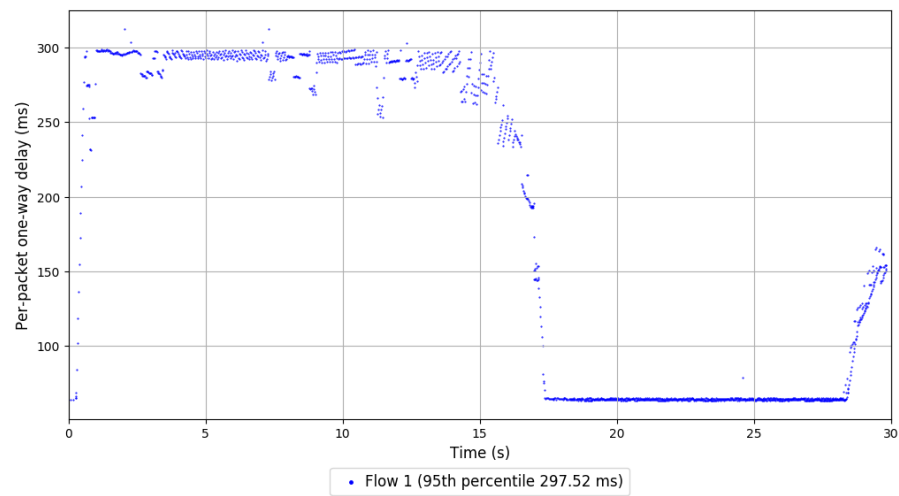
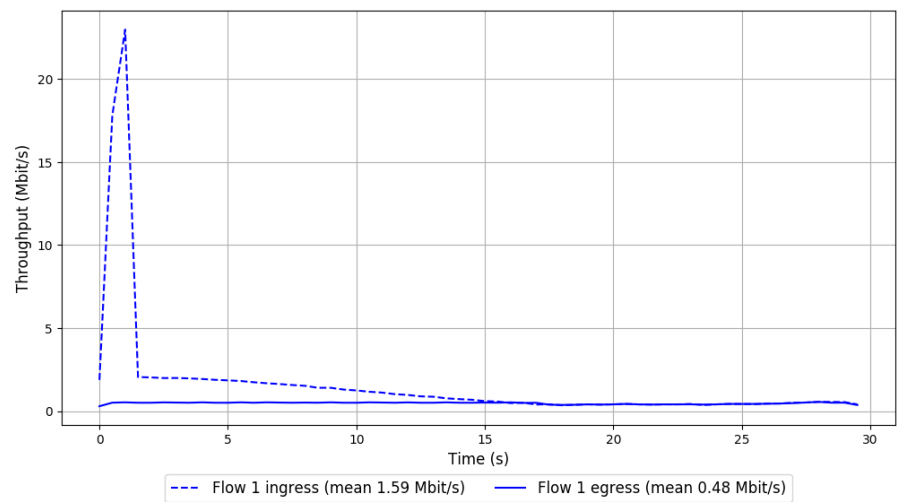
-- Flow 1:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 297.522 ms

Loss rate: 70.17%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:41:04 +0000

End at: Sun, 16 Jul 2017 22:41:34 +0000

Local clock offset: 0.273 ms

Remote clock offset: 4.085 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:31 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 297.103 ms

Loss rate: 76.52%

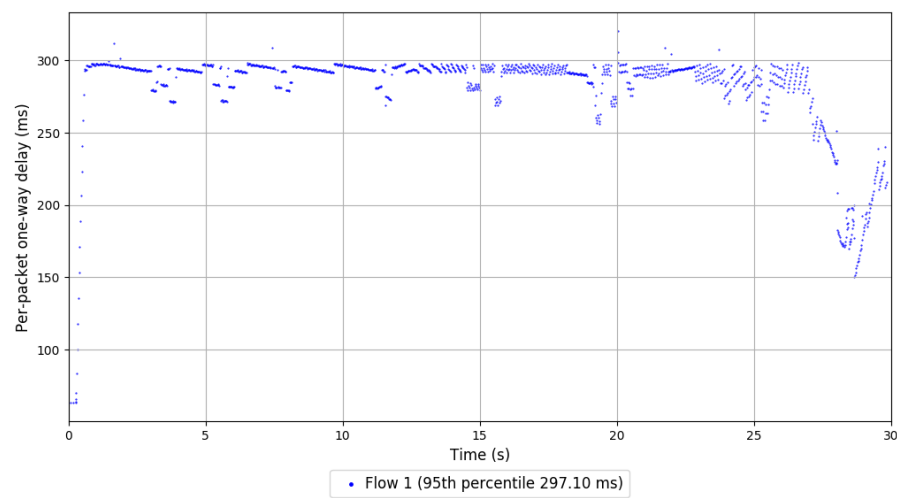
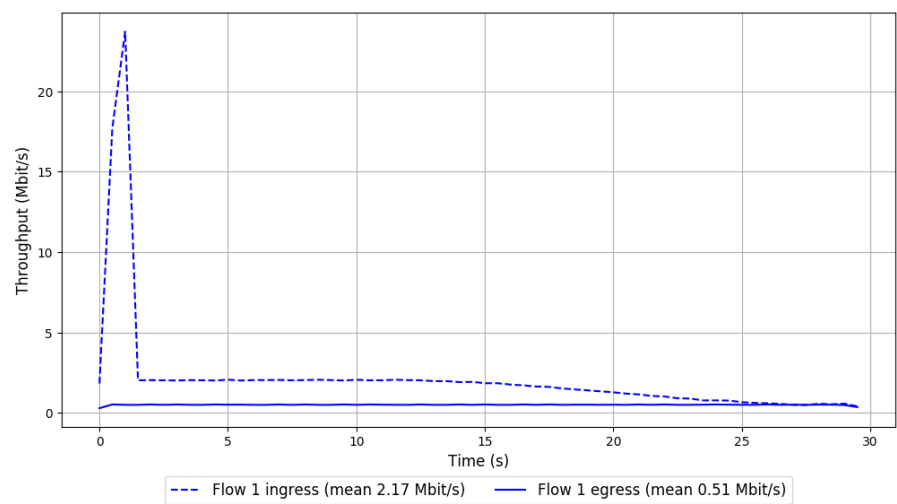
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 297.103 ms

Loss rate: 76.52%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sun, 16 Jul 2017 22:58:13 +0000

End at: Sun, 16 Jul 2017 22:58:43 +0000

Local clock offset: 2.52 ms

Remote clock offset: 3.519 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 300.289 ms

Loss rate: 79.60%

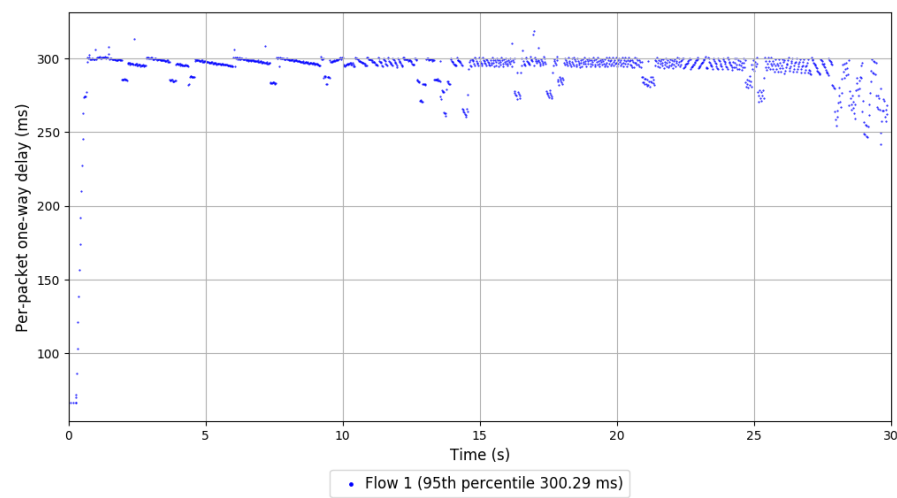
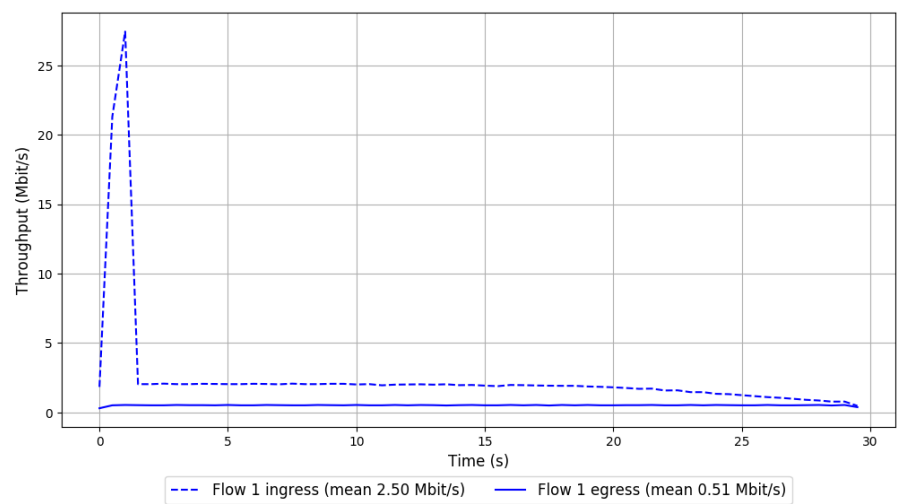
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 300.289 ms

Loss rate: 79.60%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:15:20 +0000

End at: Sun, 16 Jul 2017 23:15:50 +0000

Local clock offset: 0.086 ms

Remote clock offset: 3.722 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:32 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 298.702 ms

Loss rate: 78.33%

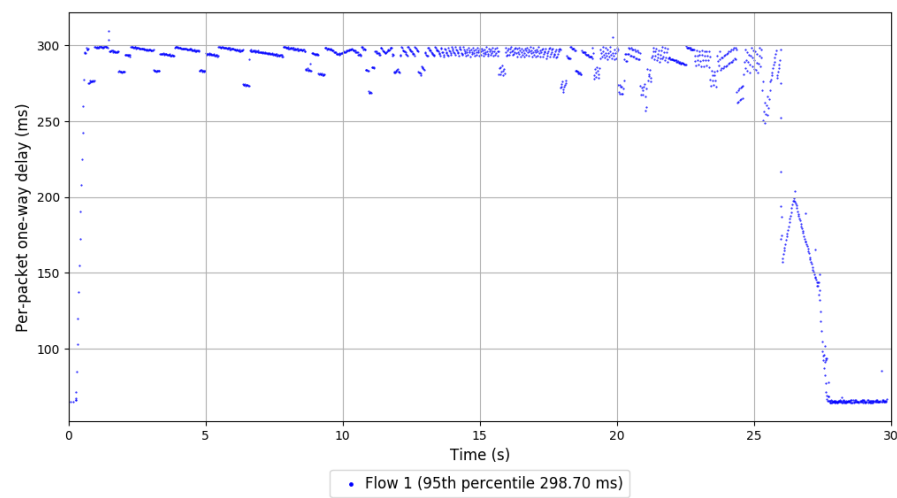
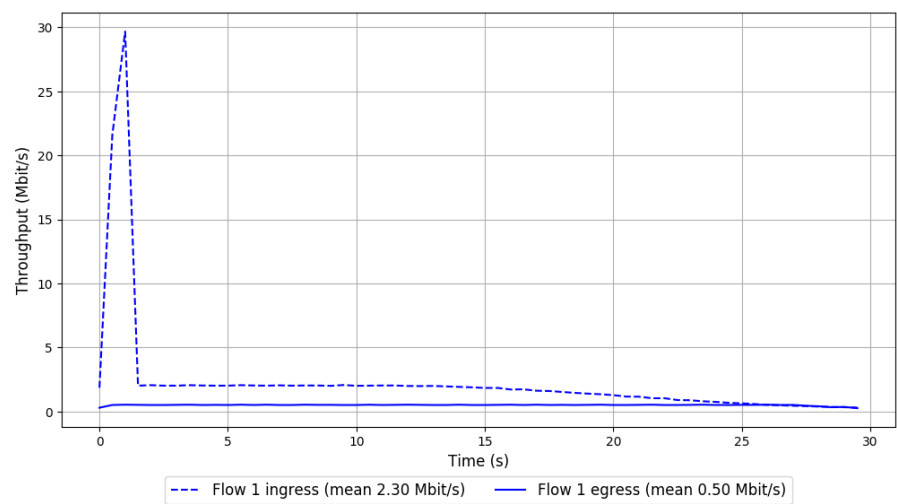
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 298.702 ms

Loss rate: 78.33%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:32:21 +0000

End at: Sun, 16 Jul 2017 23:32:51 +0000

Local clock offset: 0.59 ms

Remote clock offset: 4.714 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.727 ms

Loss rate: 76.35%

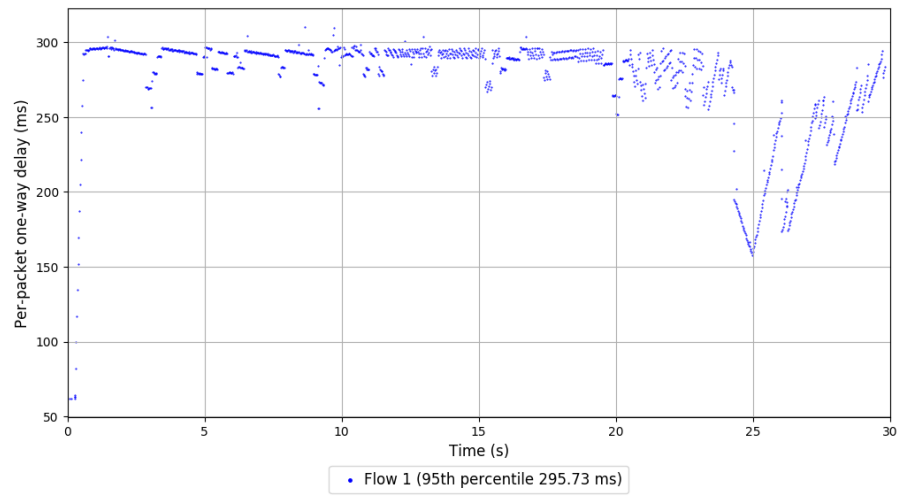
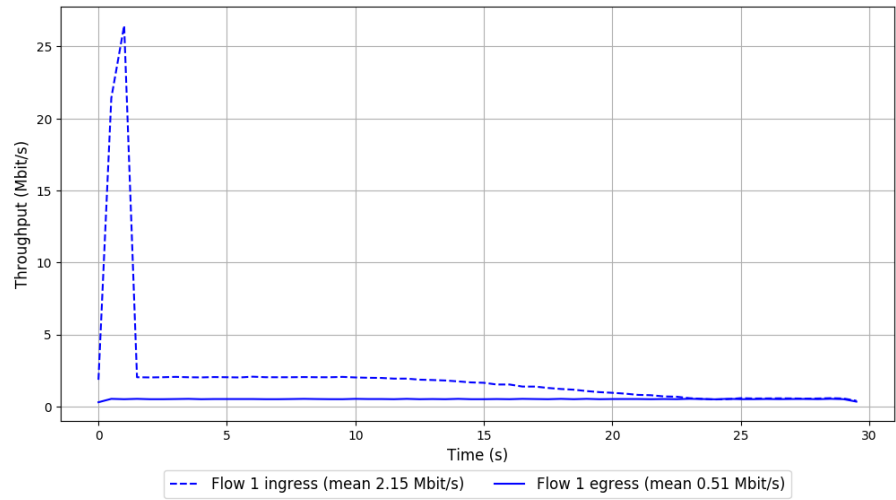
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.727 ms

Loss rate: 76.35%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sun, 16 Jul 2017 23:49:46 +0000

End at: Sun, 16 Jul 2017 23:50:16 +0000

Local clock offset: 1.386 ms

Remote clock offset: 3.326 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:34 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 297.696 ms

Loss rate: 80.75%

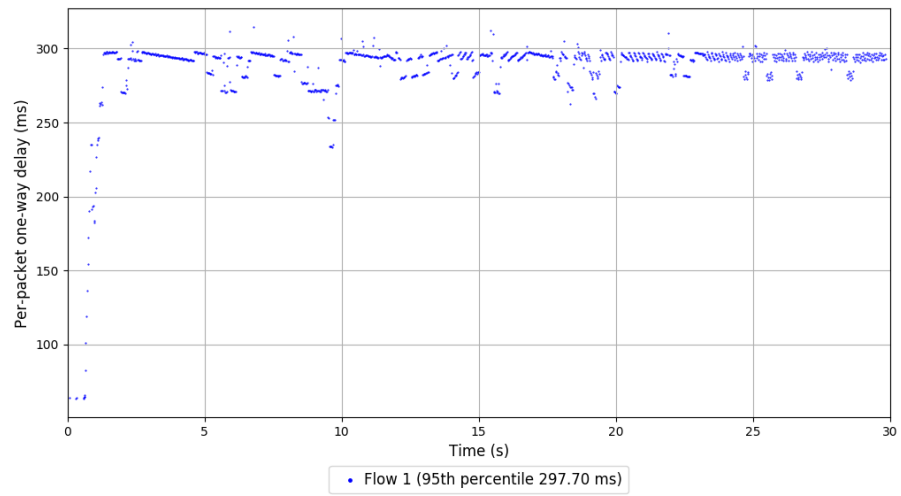
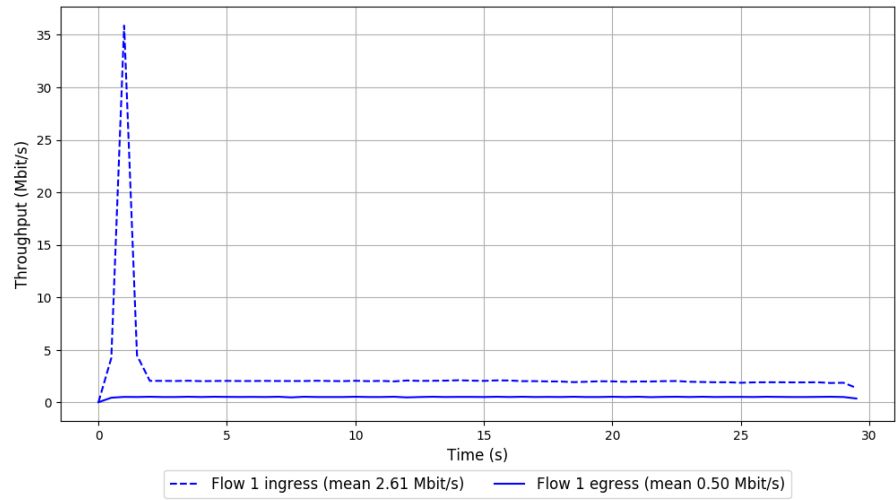
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 297.696 ms

Loss rate: 80.75%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Mon, 17 Jul 2017 00:06:56 +0000

End at: Mon, 17 Jul 2017 00:07:26 +0000

Local clock offset: 2.02 ms

Remote clock offset: 4.606 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 296.510 ms

Loss rate: 77.14%

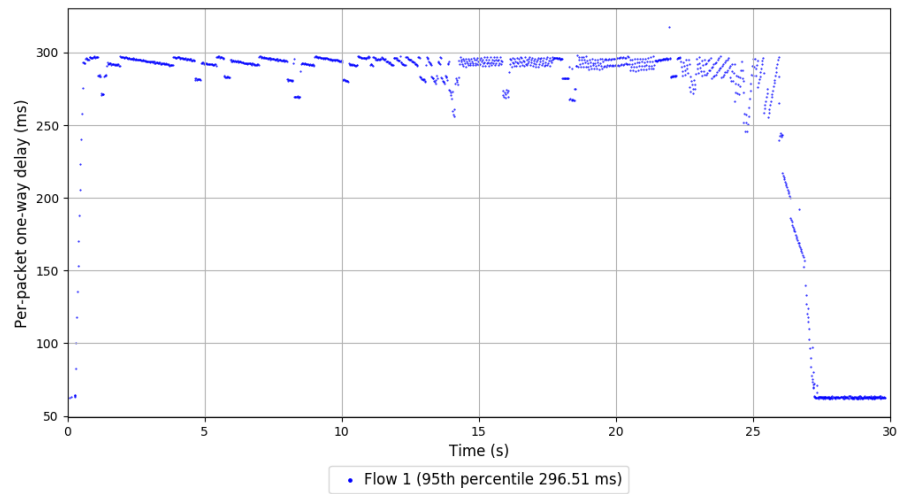
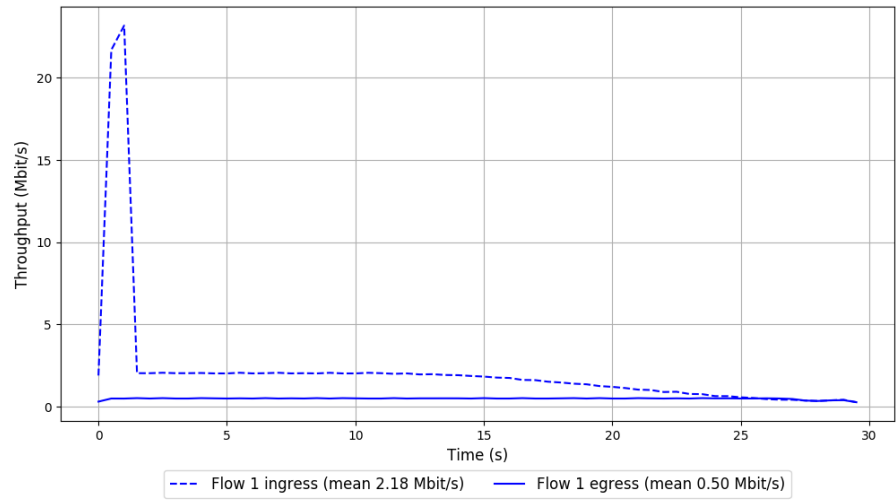
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 296.510 ms

Loss rate: 77.14%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Mon, 17 Jul 2017 00:23:53 +0000

End at: Mon, 17 Jul 2017 00:24:23 +0000

Local clock offset: -0.492 ms

Remote clock offset: 4.343 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.364 ms

Loss rate: 80.01%

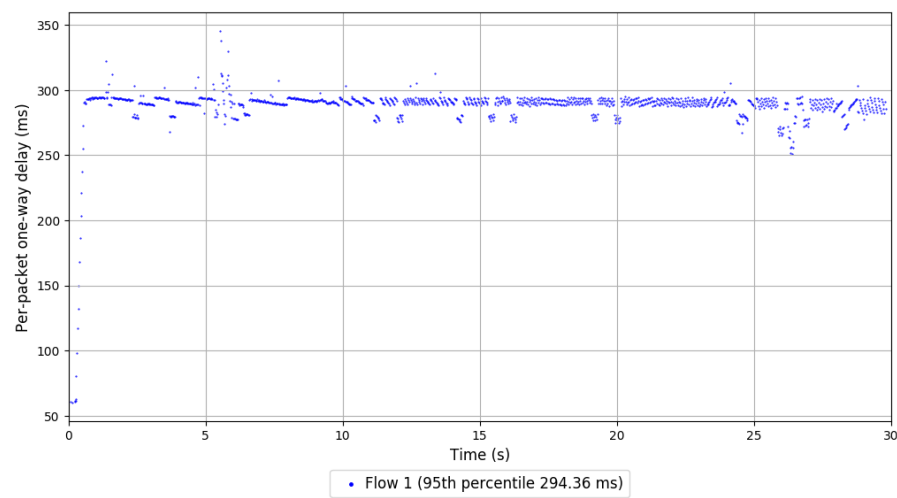
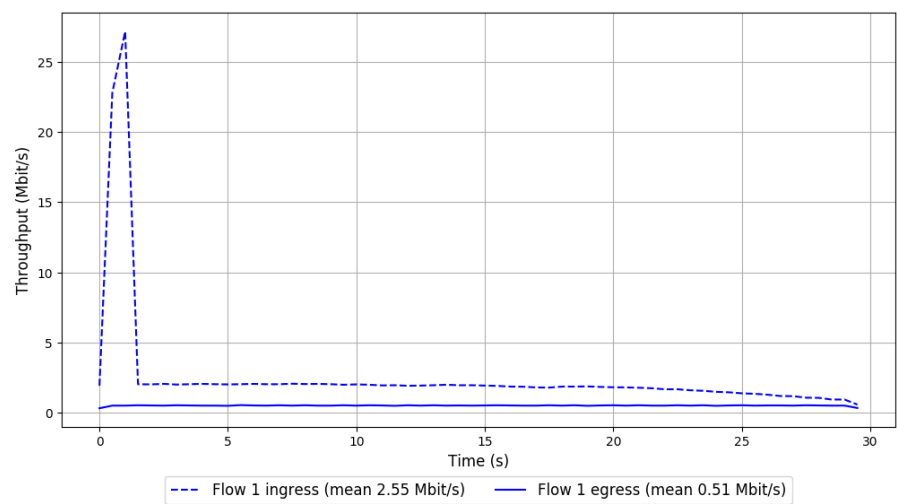
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.364 ms

Loss rate: 80.01%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Mon, 17 Jul 2017 00:40:53 +0000

End at: Mon, 17 Jul 2017 00:41:23 +0000

Local clock offset: 1.332 ms

Remote clock offset: 3.071 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 297.352 ms

Loss rate: 80.58%

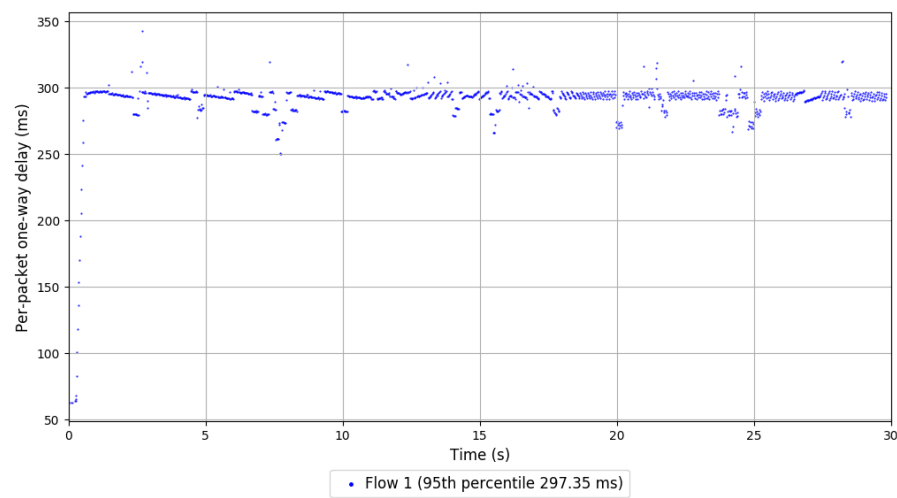
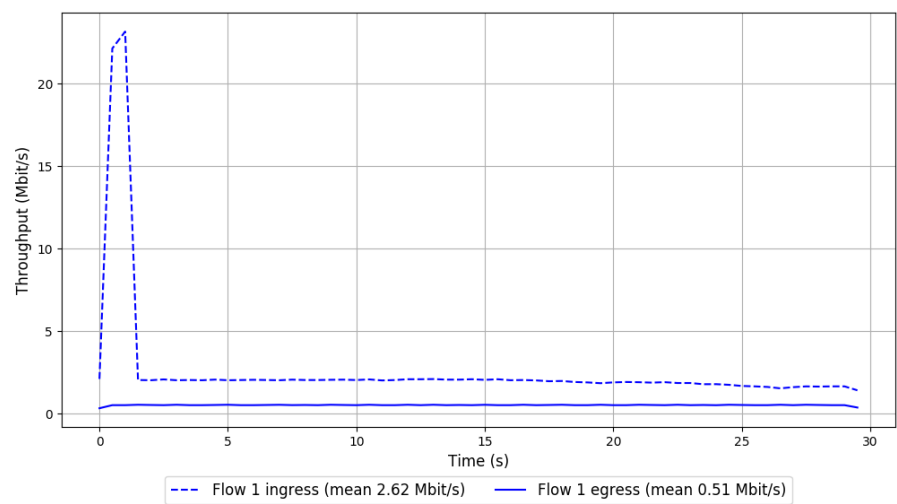
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 297.352 ms

Loss rate: 80.58%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 22:08:06 +0000

End at: Sun, 16 Jul 2017 22:08:36 +0000

Local clock offset: -1.139 ms

Remote clock offset: 3.226 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:36 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 279.245 ms

Loss rate: 16.23%

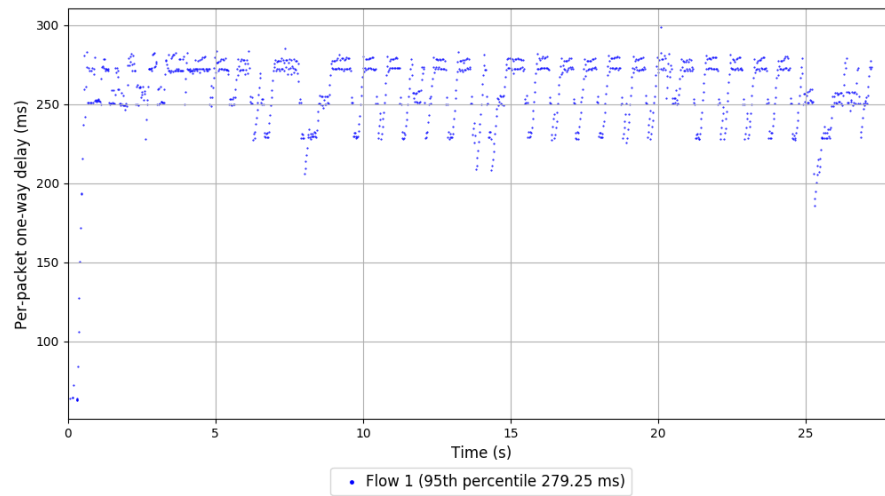
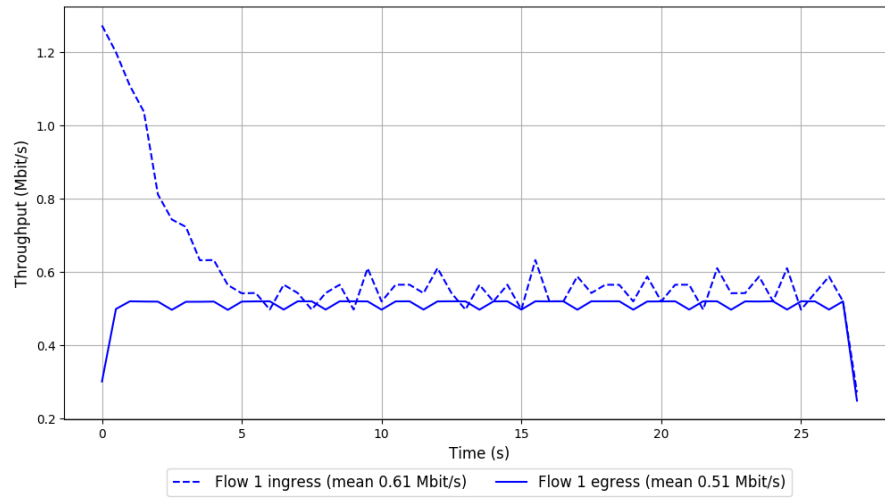
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 279.245 ms

Loss rate: 16.23%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 22:25:19 +0000

End at: Sun, 16 Jul 2017 22:25:49 +0000

Local clock offset: 0.963 ms

Remote clock offset: 2.955 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.601 ms

Loss rate: 15.87%

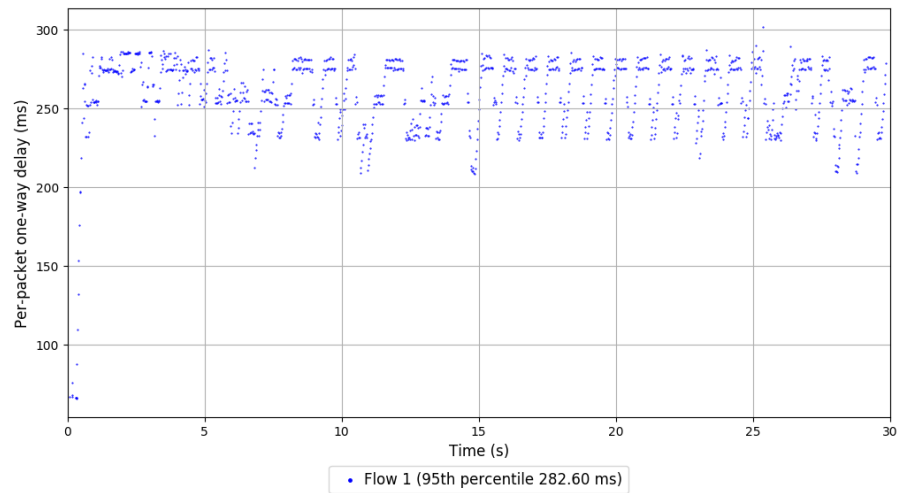
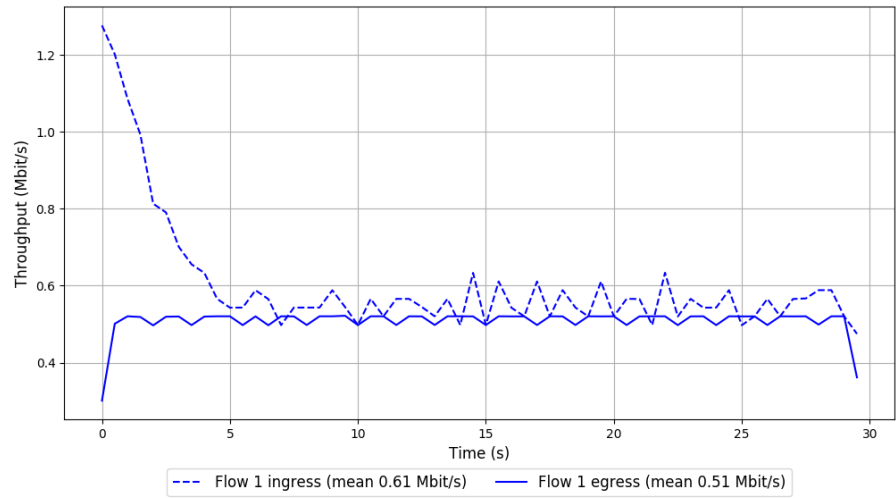
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.601 ms

Loss rate: 15.87%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 22:42:18 +0000

End at: Sun, 16 Jul 2017 22:42:48 +0000

Local clock offset: 1.909 ms

Remote clock offset: 2.817 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 286.155 ms

Loss rate: 15.20%

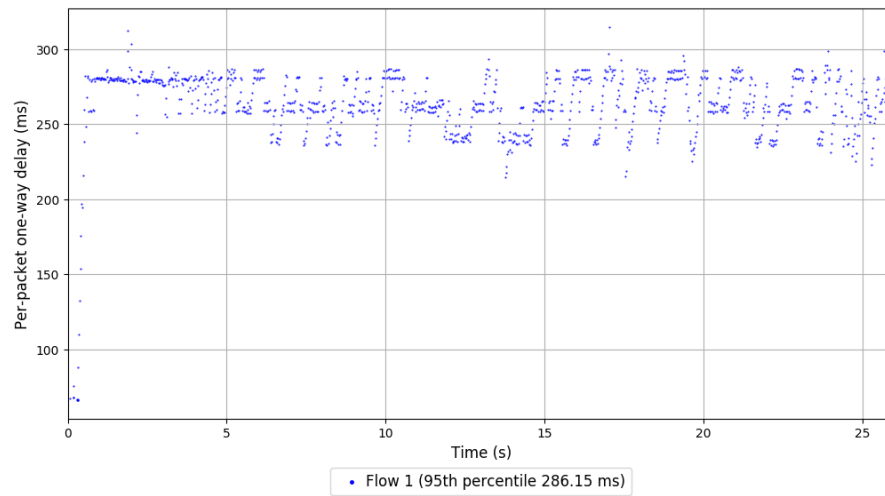
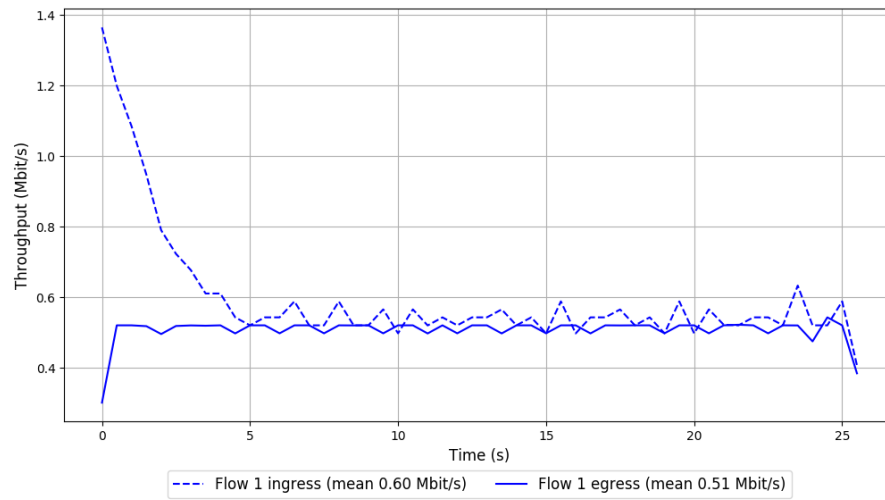
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 286.155 ms

Loss rate: 15.20%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 22:59:28 +0000

End at: Sun, 16 Jul 2017 22:59:58 +0000

Local clock offset: 0.953 ms

Remote clock offset: 4.593 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.490 ms

Loss rate: 15.93%

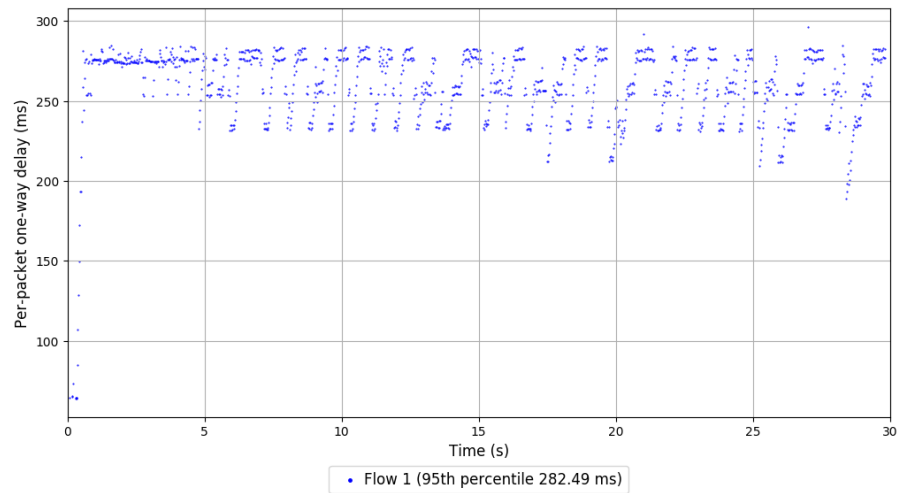
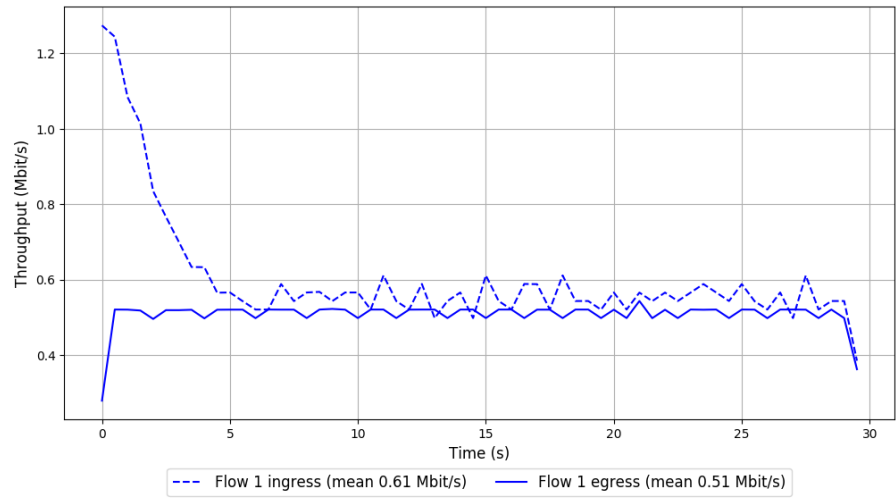
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.490 ms

Loss rate: 15.93%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 23:16:33 +0000

End at: Sun, 16 Jul 2017 23:17:03 +0000

Local clock offset: -1.011 ms

Remote clock offset: 3.119 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.518 ms

Loss rate: 15.51%

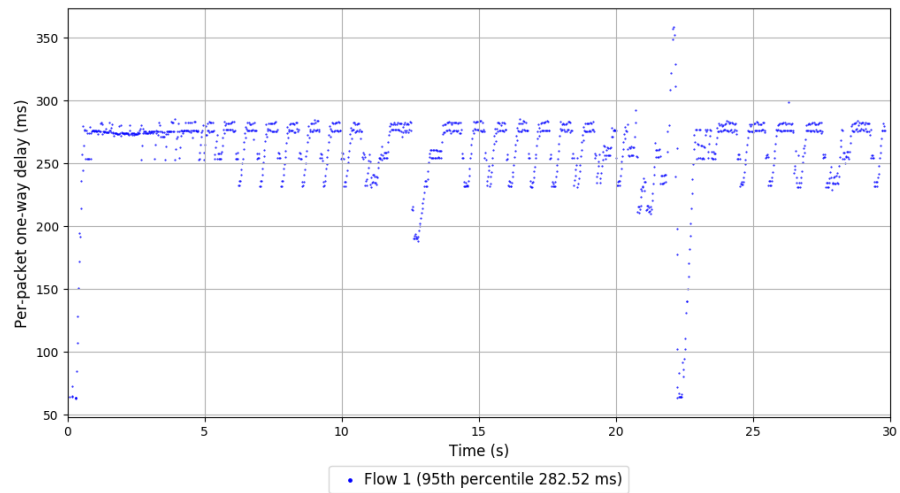
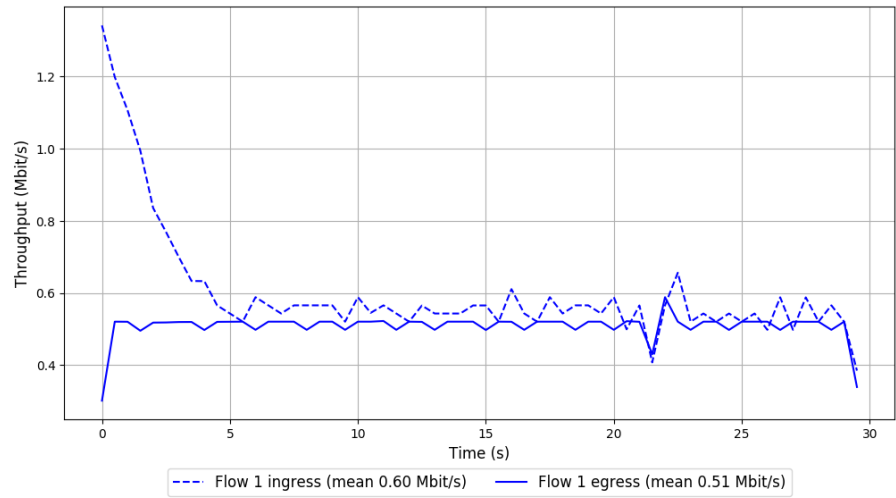
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.518 ms

Loss rate: 15.51%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 23:33:35 +0000

End at: Sun, 16 Jul 2017 23:34:05 +0000

Local clock offset: 0.884 ms

Remote clock offset: 3.985 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:38 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 280.917 ms

Loss rate: 16.27%

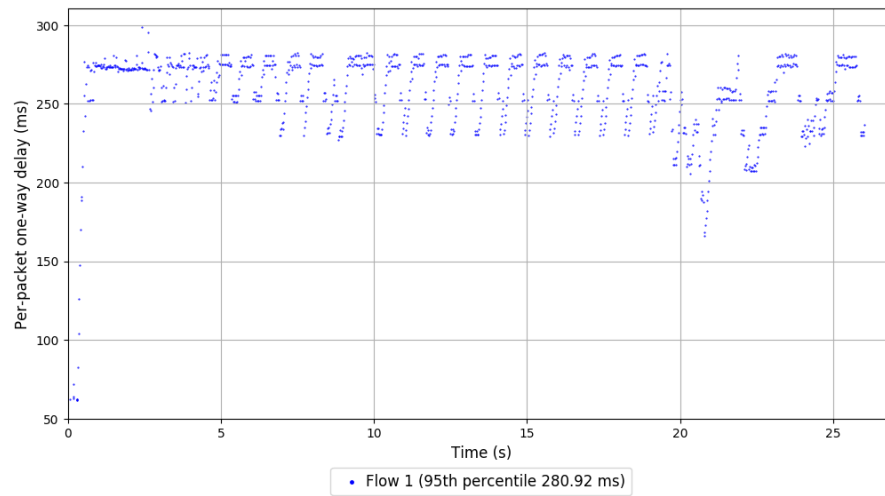
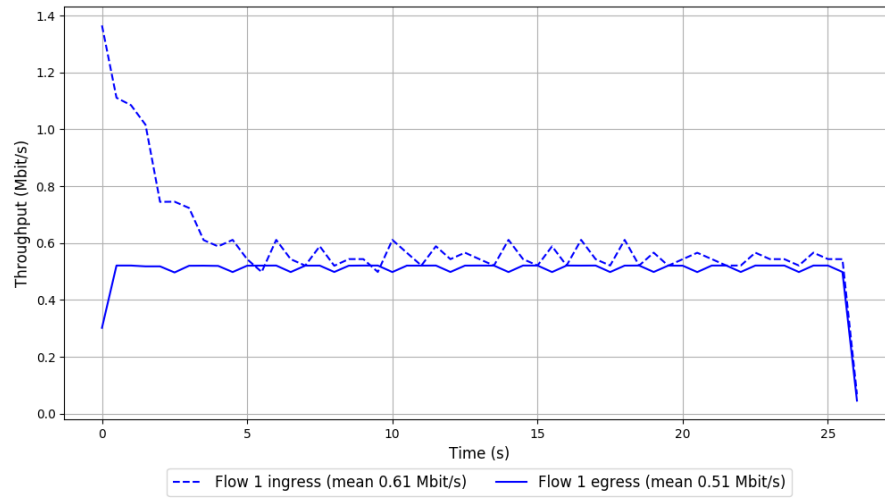
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 280.917 ms

Loss rate: 16.27%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 23:51:06 +0000

End at: Sun, 16 Jul 2017 23:51:36 +0000

Local clock offset: 1.279 ms

Remote clock offset: 4.472 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:39 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 278.794 ms

Loss rate: 16.14%

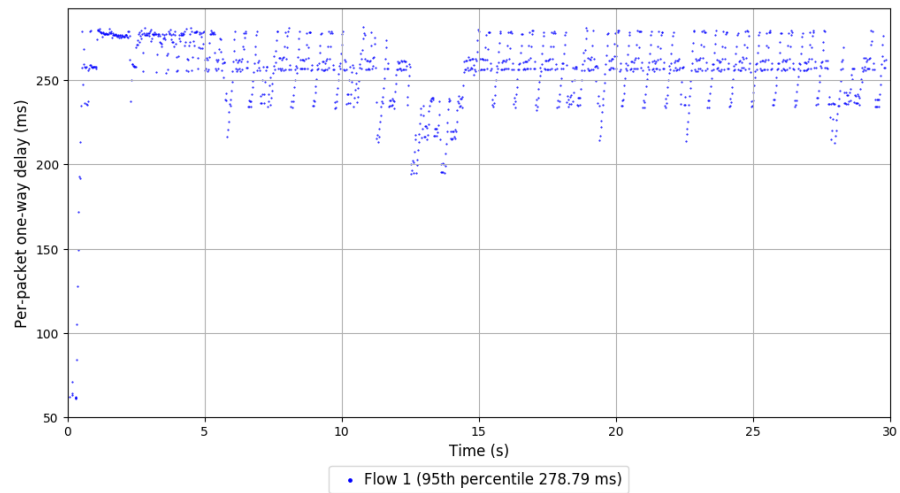
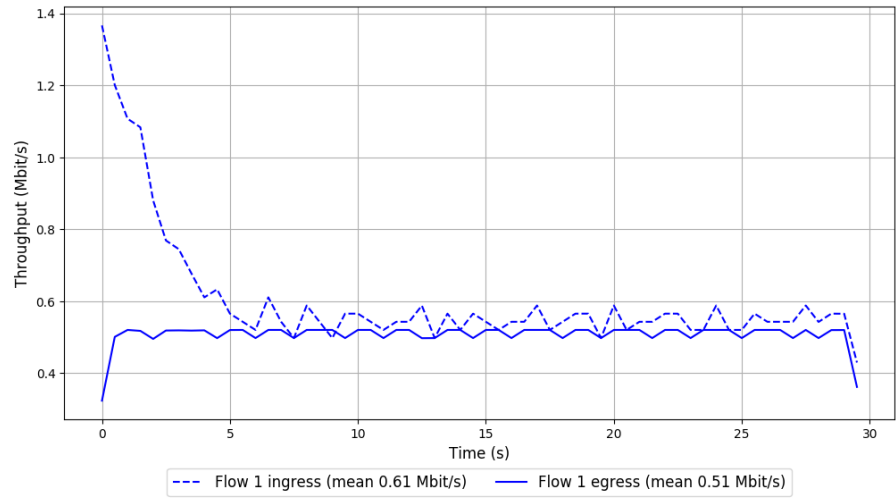
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 278.794 ms

Loss rate: 16.14%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Mon, 17 Jul 2017 00:08:10 +0000

End at: Mon, 17 Jul 2017 00:08:40 +0000

Local clock offset: 1.64 ms

Remote clock offset: 4.042 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 278.793 ms

Loss rate: 15.36%

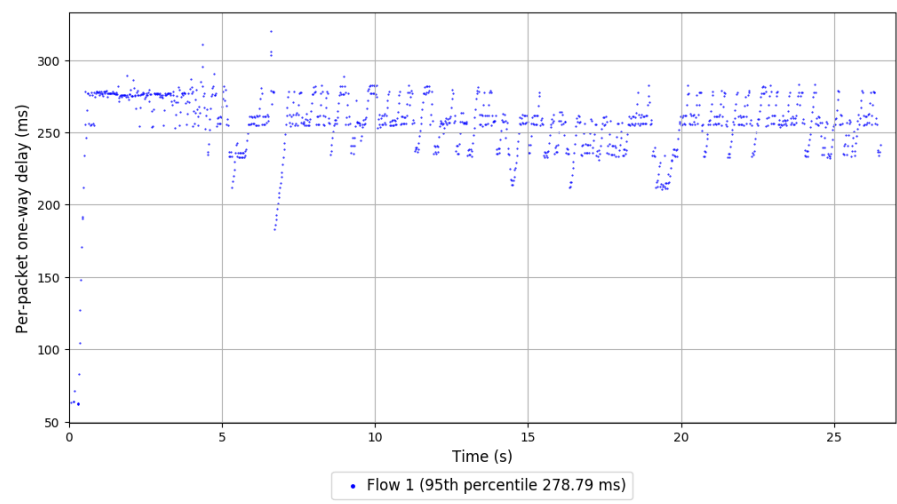
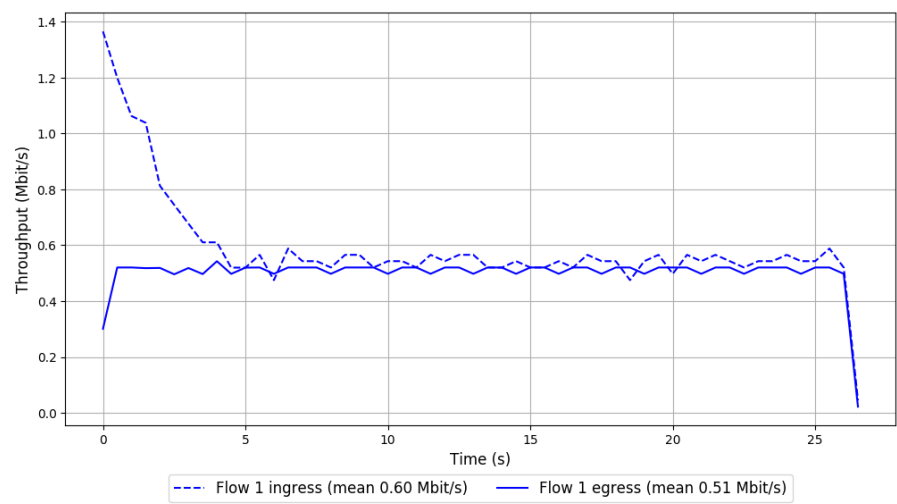
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 278.793 ms

Loss rate: 15.36%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: Mon, 17 Jul 2017 00:25:07 +0000

End at: Mon, 17 Jul 2017 00:25:37 +0000

Local clock offset: 2.288 ms

Remote clock offset: 3.989 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 281.396 ms

Loss rate: 15.96%

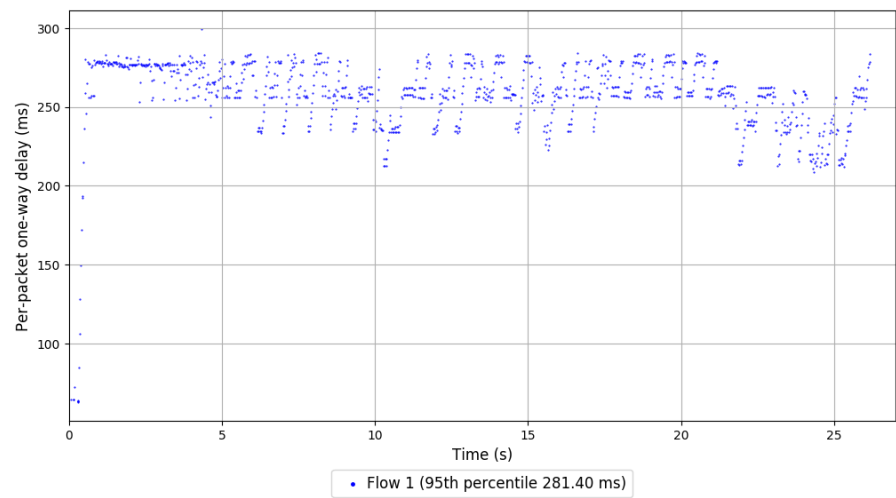
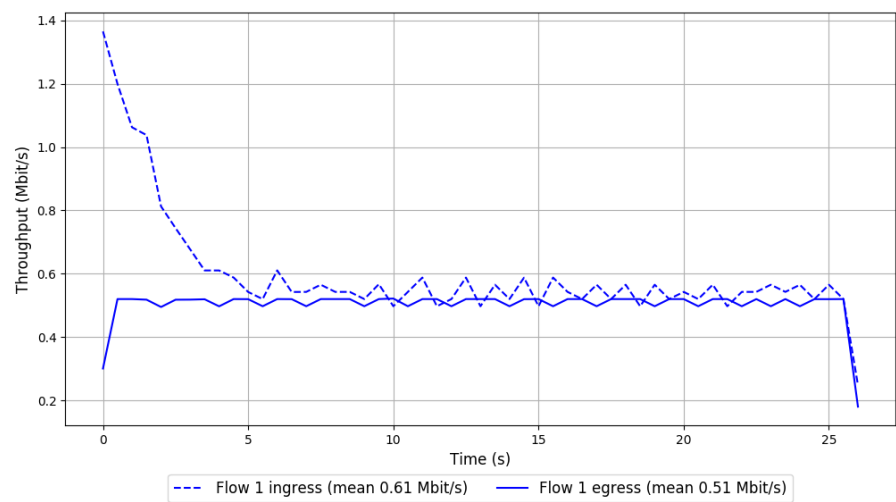
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 281.396 ms

Loss rate: 15.96%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Mon, 17 Jul 2017 00:42:13 +0000

End at: Mon, 17 Jul 2017 00:42:43 +0000

Local clock offset: 2.038 ms

Remote clock offset: 2.145 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.211 ms

Loss rate: 15.02%

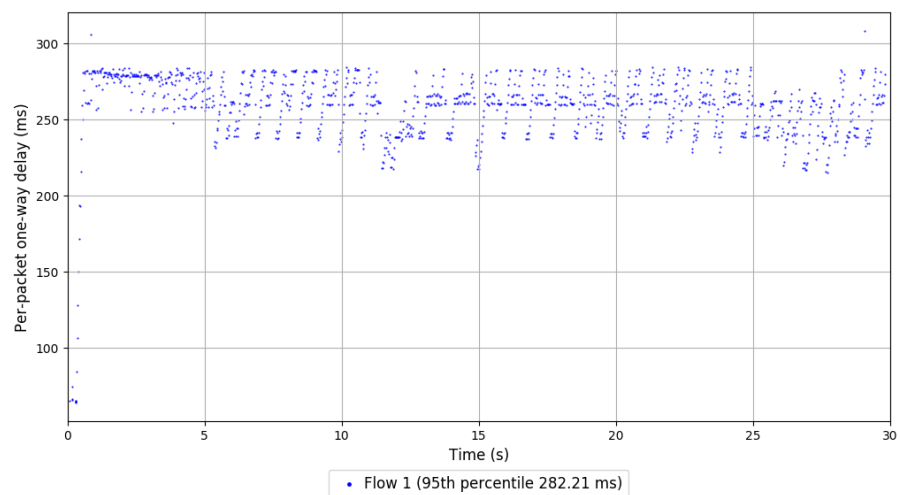
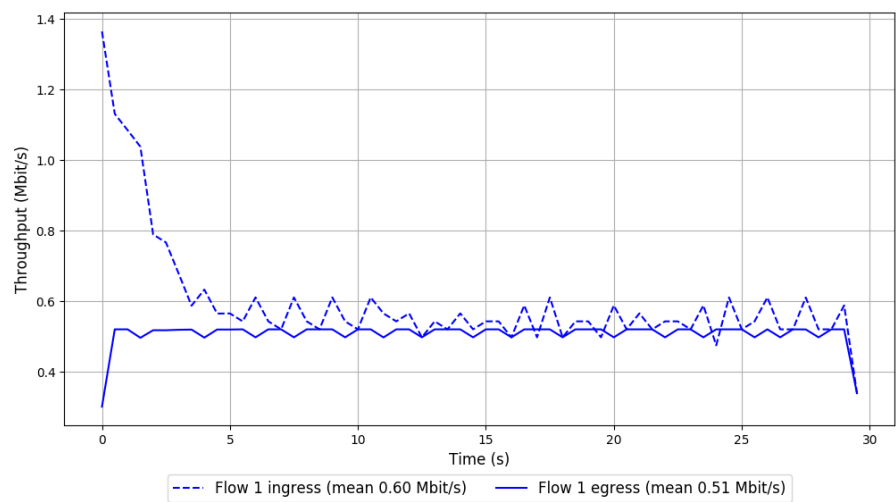
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 282.211 ms

Loss rate: 15.02%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:05:39 +0000

End at: Sun, 16 Jul 2017 22:06:09 +0000

Local clock offset: -1.283 ms

Remote clock offset: 3.569 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 296.757 ms

Loss rate: 50.39%

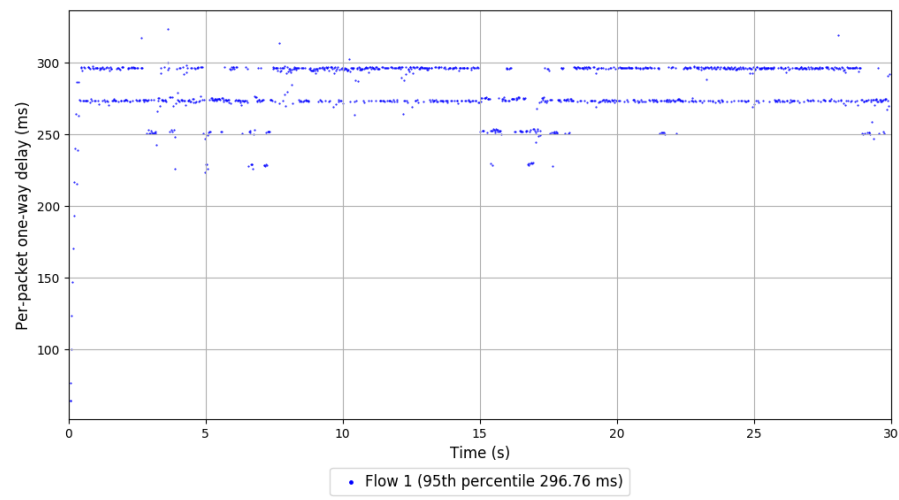
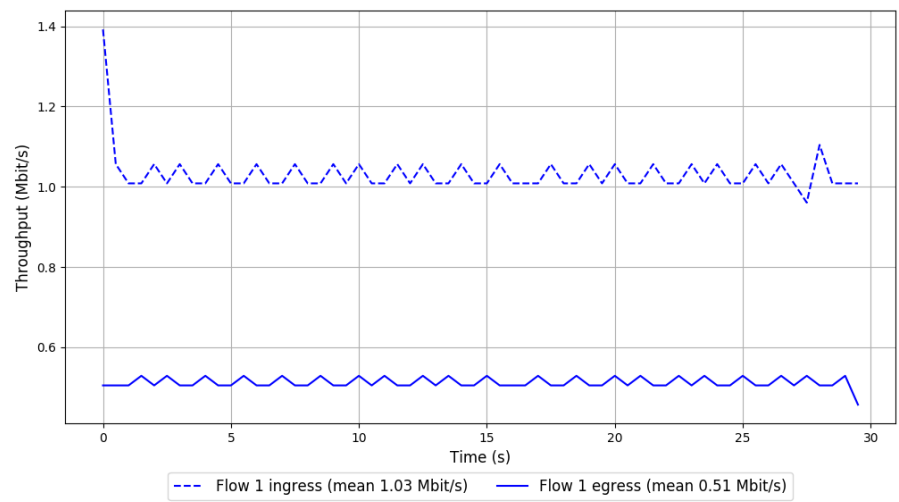
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 296.757 ms

Loss rate: 50.39%

Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:22:48 +0000

End at: Sun, 16 Jul 2017 22:23:18 +0000

Local clock offset: -0.422 ms

Remote clock offset: 3.833 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.504 ms

Loss rate: 50.35%

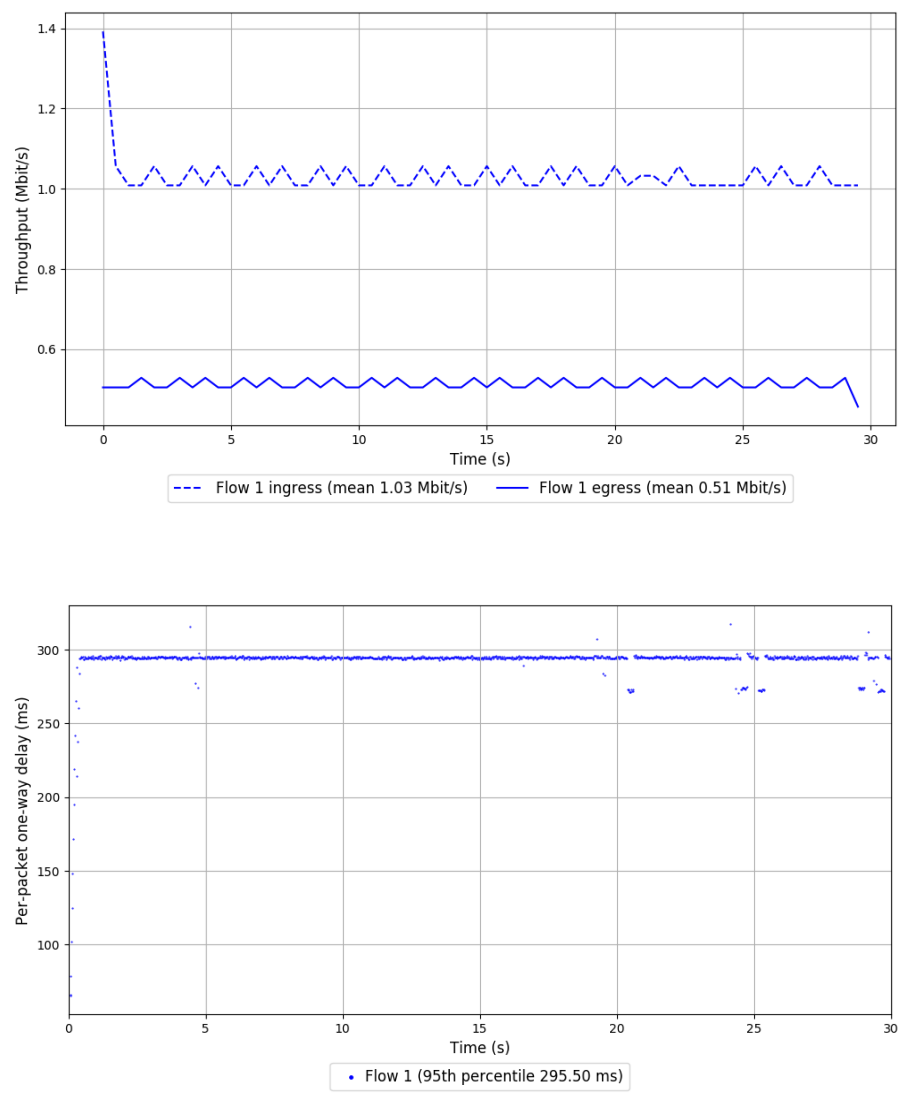
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.504 ms

Loss rate: 50.35%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:39:51 +0000

End at: Sun, 16 Jul 2017 22:40:21 +0000

Local clock offset: -1.088 ms

Remote clock offset: 3.847 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.877 ms

Loss rate: 50.39%

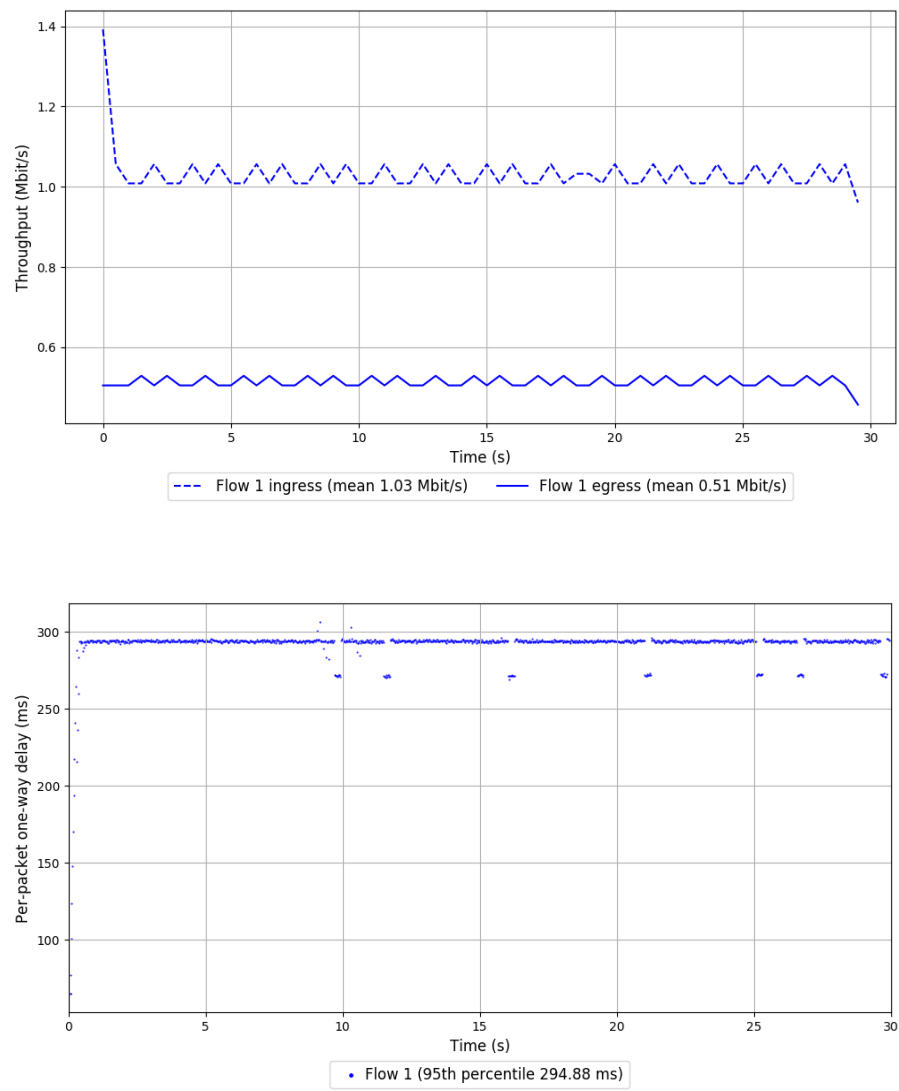
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.877 ms

Loss rate: 50.39%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sun, 16 Jul 2017 22:56:55 +0000

End at: Sun, 16 Jul 2017 22:57:25 +0000

Local clock offset: -0.329 ms

Remote clock offset: 2.886 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 298.372 ms

Loss rate: 50.39%

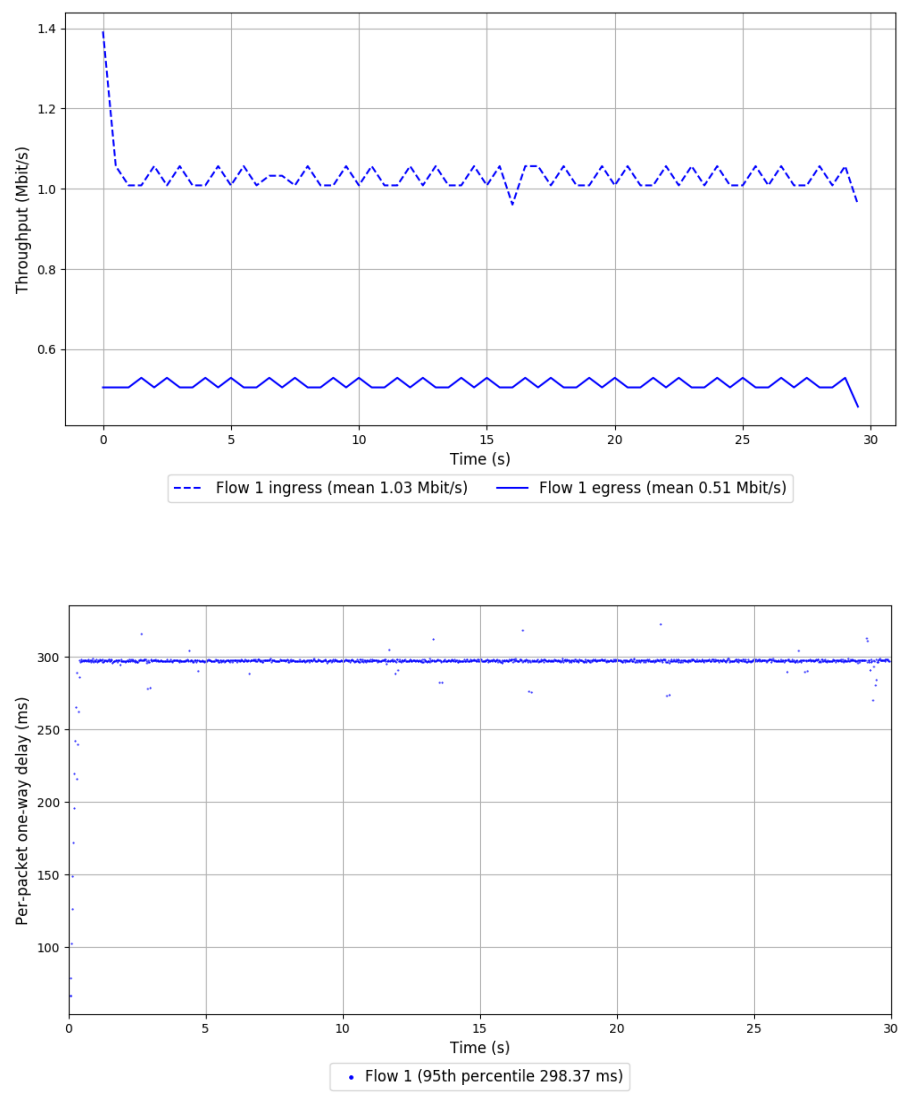
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 298.372 ms

Loss rate: 50.39%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sun, 16 Jul 2017 23:14:01 +0000

End at: Sun, 16 Jul 2017 23:14:31 +0000

Local clock offset: -1.666 ms

Remote clock offset: 3.778 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 296.004 ms

Loss rate: 50.31%

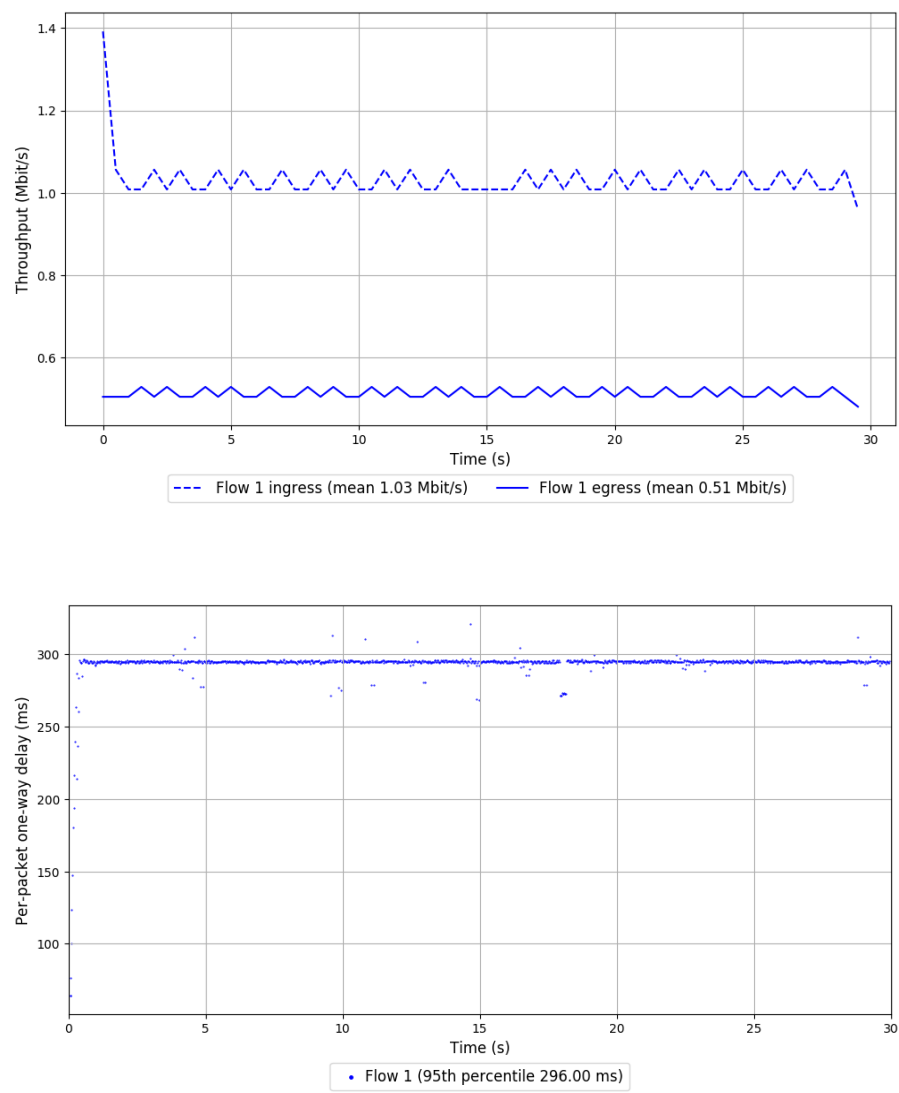
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 296.004 ms

Loss rate: 50.31%

Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sun, 16 Jul 2017 23:31:07 +0000

End at: Sun, 16 Jul 2017 23:31:37 +0000

Local clock offset: 1.186 ms

Remote clock offset: 4.088 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 281.045 ms

Loss rate: 50.35%

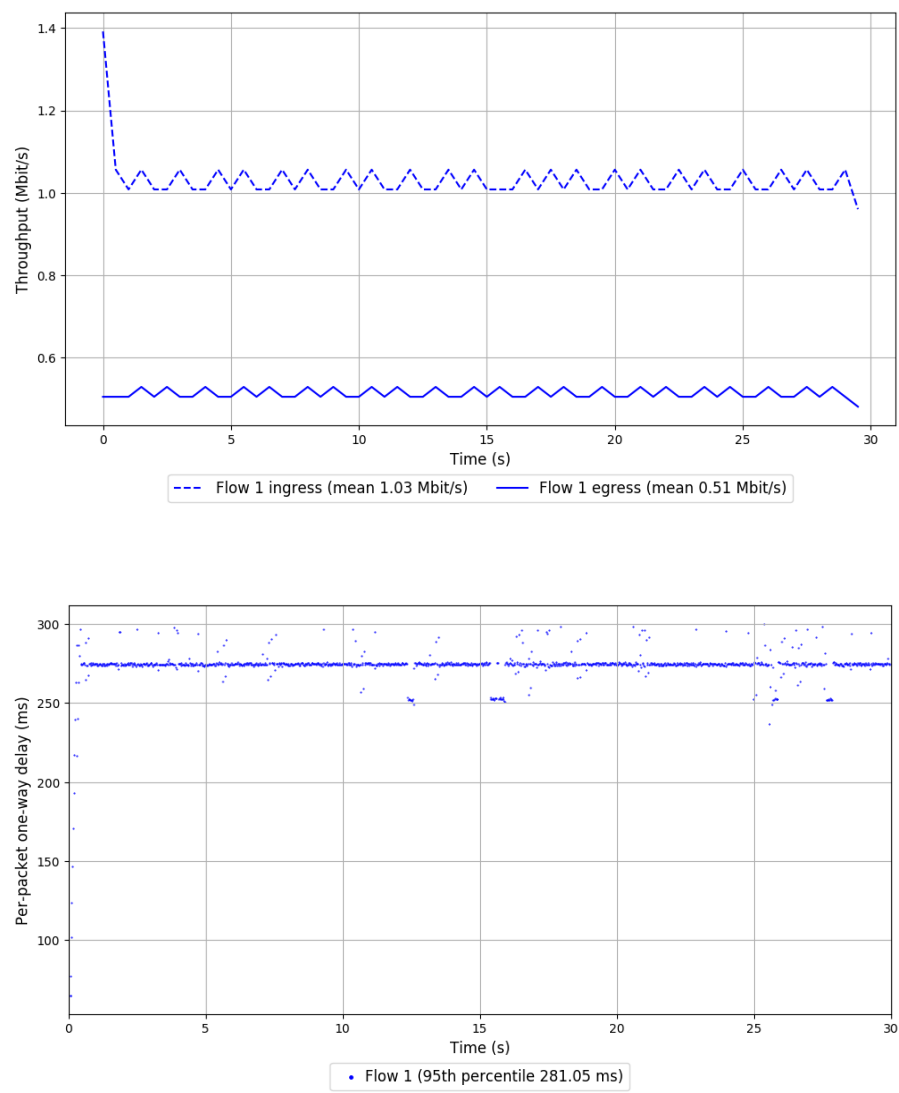
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 281.045 ms

Loss rate: 50.35%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sun, 16 Jul 2017 23:48:20 +0000

End at: Sun, 16 Jul 2017 23:48:50 +0000

Local clock offset: 0.87 ms

Remote clock offset: 4.229 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:44 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.463 ms

Loss rate: 50.58%

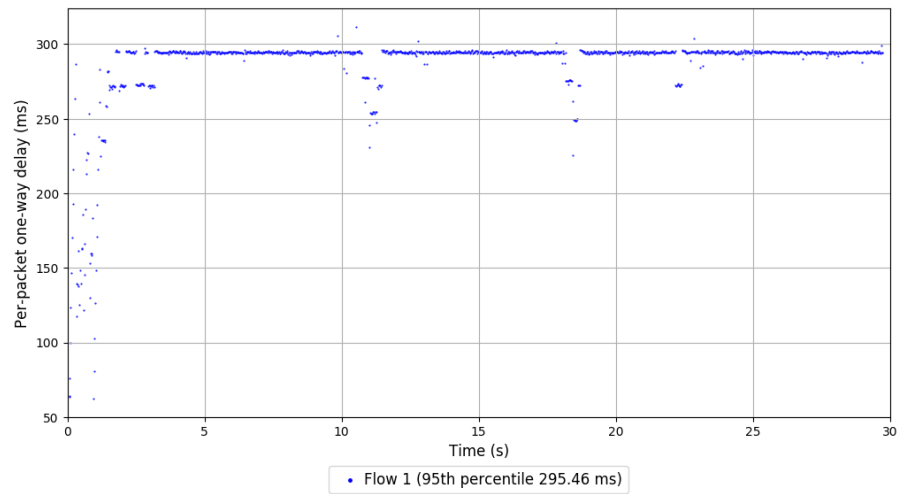
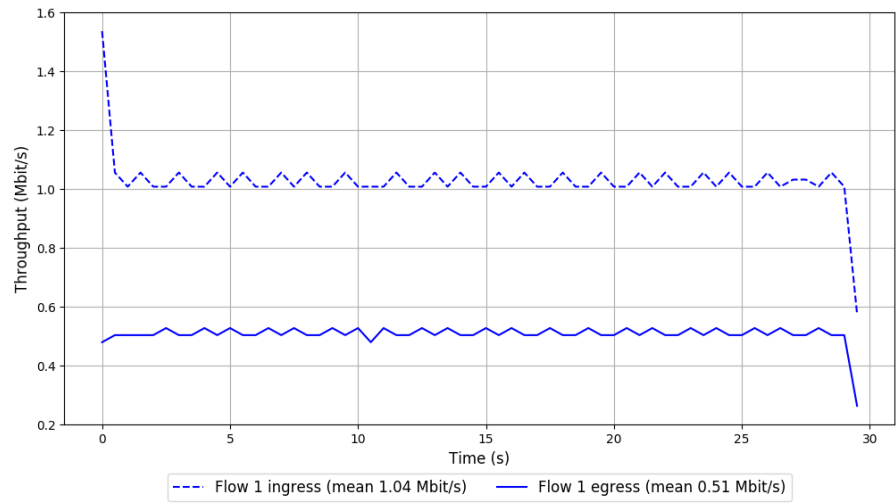
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 295.463 ms

Loss rate: 50.58%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Mon, 17 Jul 2017 00:05:43 +0000

End at: Mon, 17 Jul 2017 00:06:13 +0000

Local clock offset: 0.941 ms

Remote clock offset: 4.835 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:45 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.938 ms

Loss rate: 50.35%

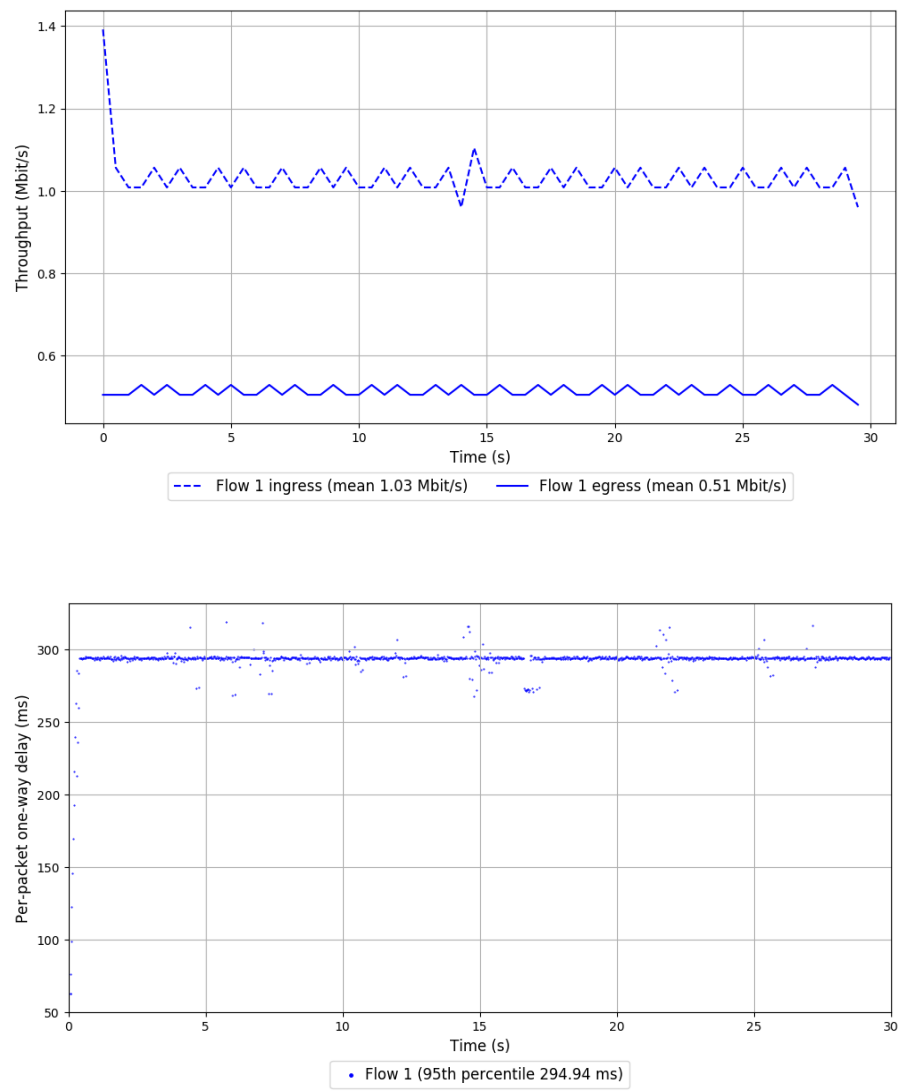
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.938 ms

Loss rate: 50.35%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Mon, 17 Jul 2017 00:22:40 +0000

End at: Mon, 17 Jul 2017 00:23:10 +0000

Local clock offset: 1.316 ms

Remote clock offset: 4.199 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 296.907 ms

Loss rate: 50.39%

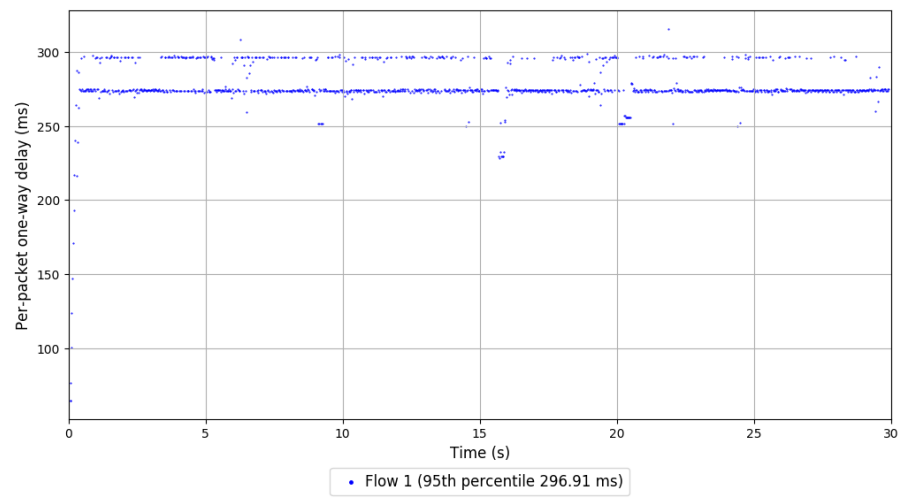
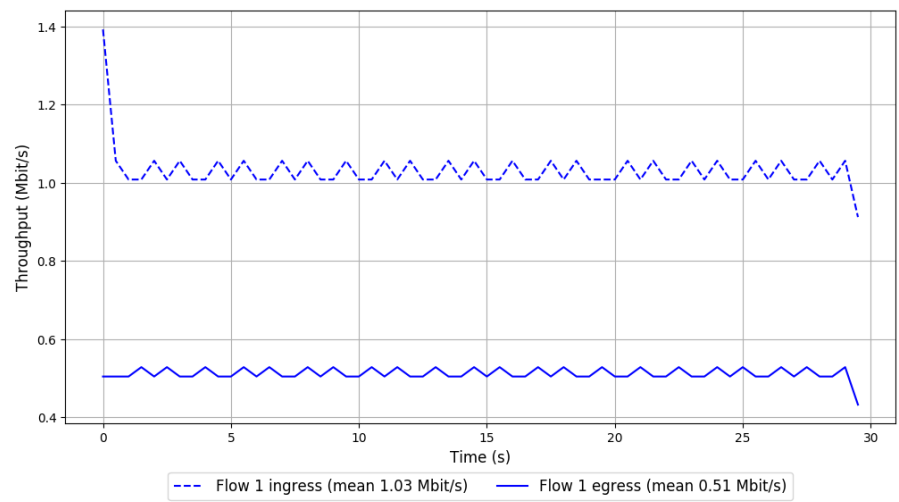
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 296.907 ms

Loss rate: 50.39%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Mon, 17 Jul 2017 00:39:40 +0000

End at: Mon, 17 Jul 2017 00:40:10 +0000

Local clock offset: -1.531 ms

Remote clock offset: 3.03 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:46 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 284.220 ms

Loss rate: 50.39%

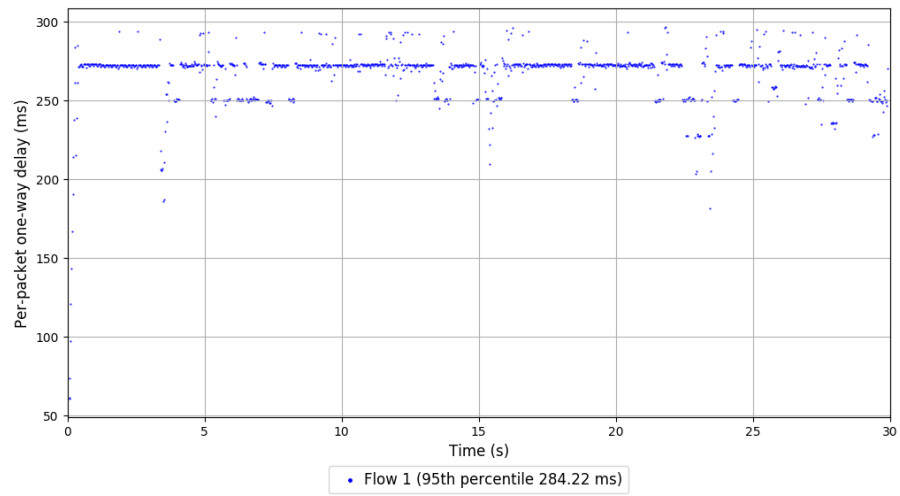
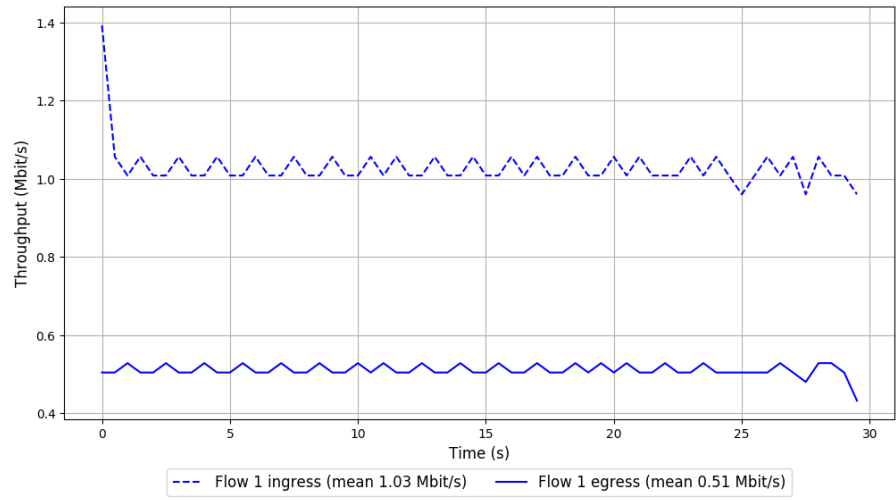
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 284.220 ms

Loss rate: 50.39%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:59:34 +0000

End at: Sun, 16 Jul 2017 22:00:04 +0000

Local clock offset: -1.552 ms

Remote clock offset: 2.492 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 64.190 ms

Loss rate: 0.26%

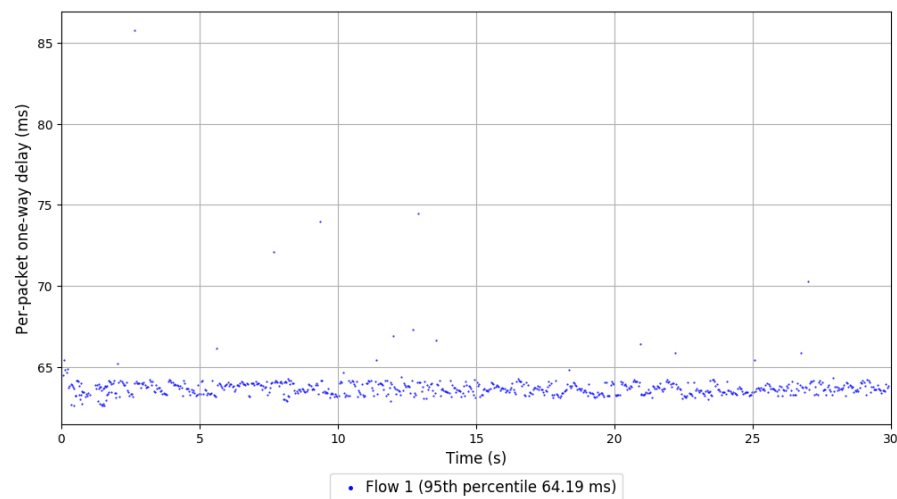
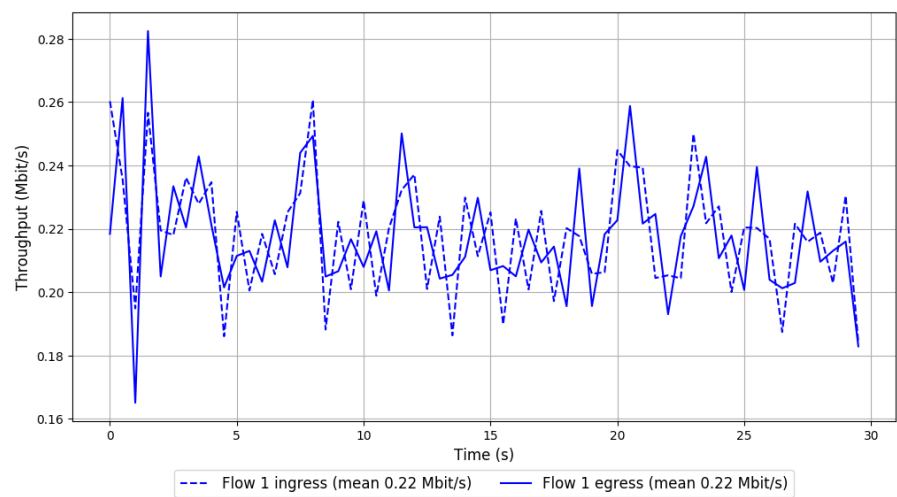
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 64.190 ms

Loss rate: 0.26%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 22:16:34 +0000

End at: Sun, 16 Jul 2017 22:17:04 +0000

Local clock offset: 2.396 ms

Remote clock offset: 3.786 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 67.018 ms

Loss rate: 0.26%

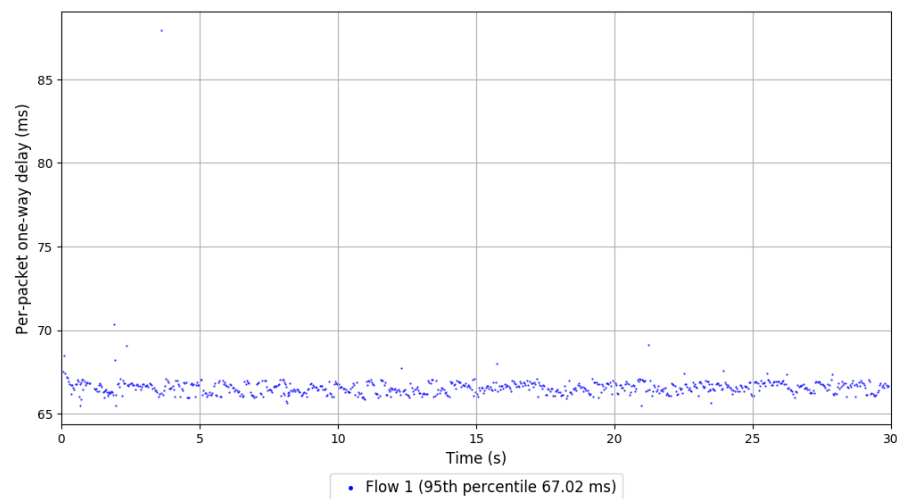
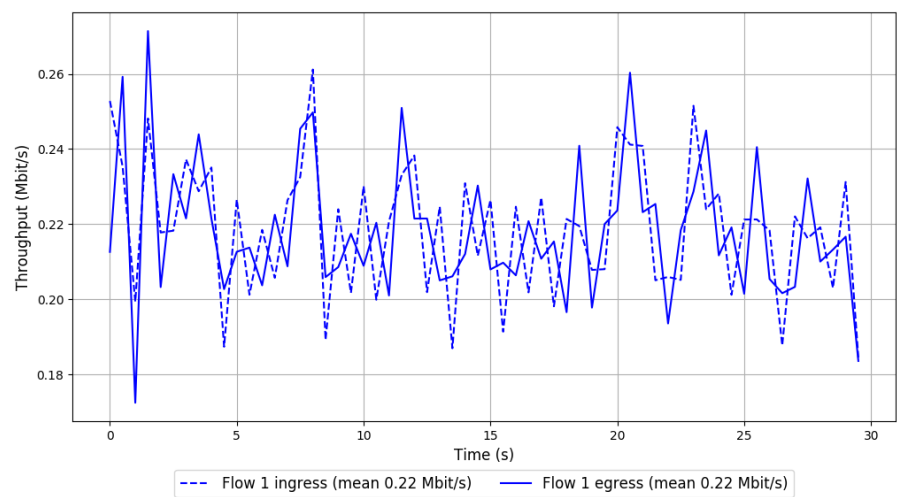
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 67.018 ms

Loss rate: 0.26%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 22:33:49 +0000

End at: Sun, 16 Jul 2017 22:34:19 +0000

Local clock offset: 2.326 ms

Remote clock offset: 4.206 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.566 ms

Loss rate: 0.26%

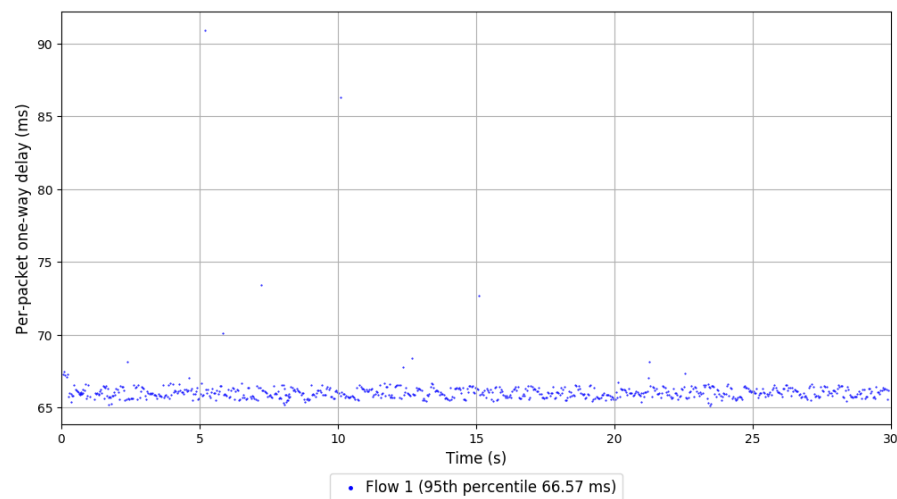
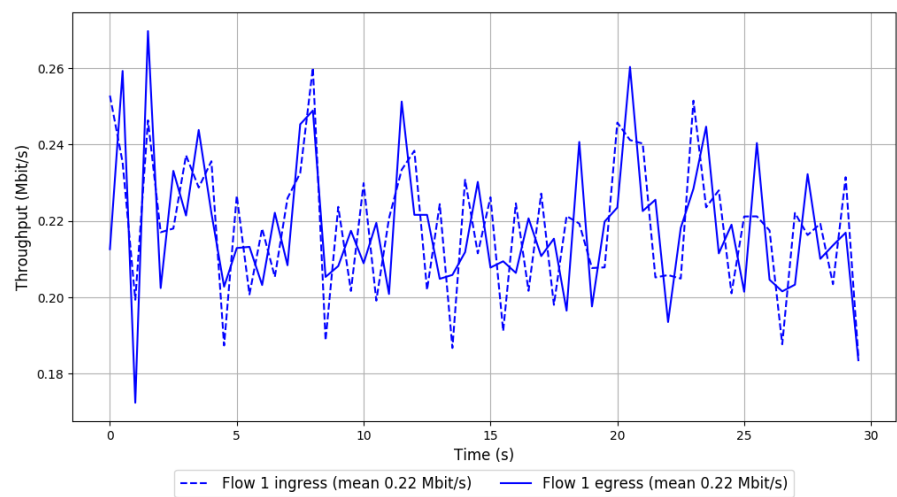
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.566 ms

Loss rate: 0.26%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 22:50:49 +0000

End at: Sun, 16 Jul 2017 22:51:19 +0000

Local clock offset: 2.048 ms

Remote clock offset: 3.439 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.616 ms

Loss rate: 0.26%

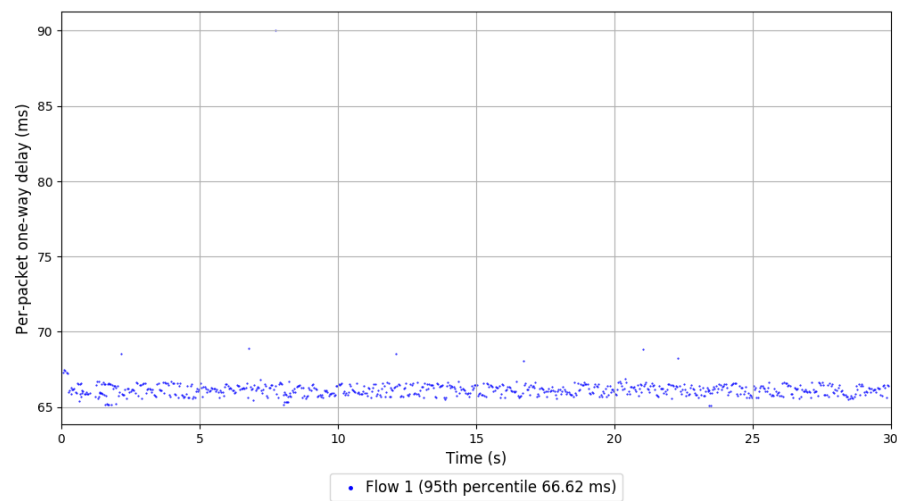
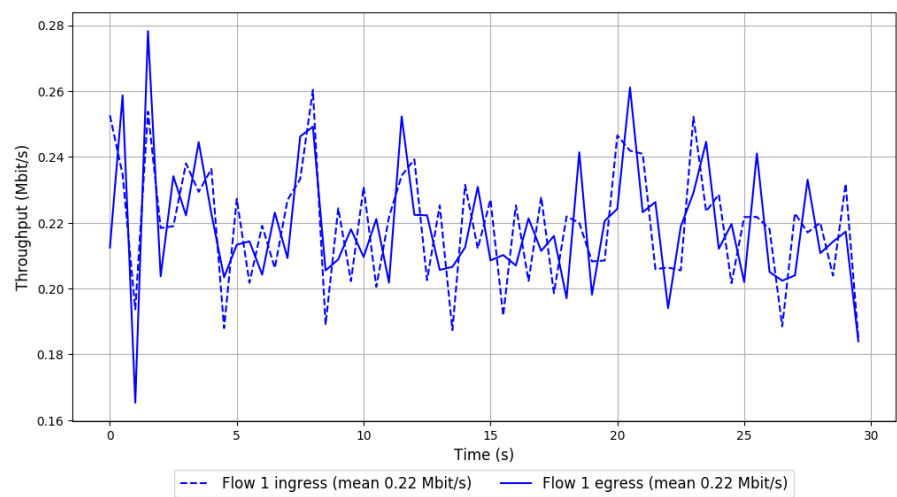
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 66.616 ms

Loss rate: 0.26%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:07:57 +0000

End at: Sun, 16 Jul 2017 23:08:27 +0000

Local clock offset: 0.647 ms

Remote clock offset: 4.108 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:49 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 65.387 ms

Loss rate: 0.26%

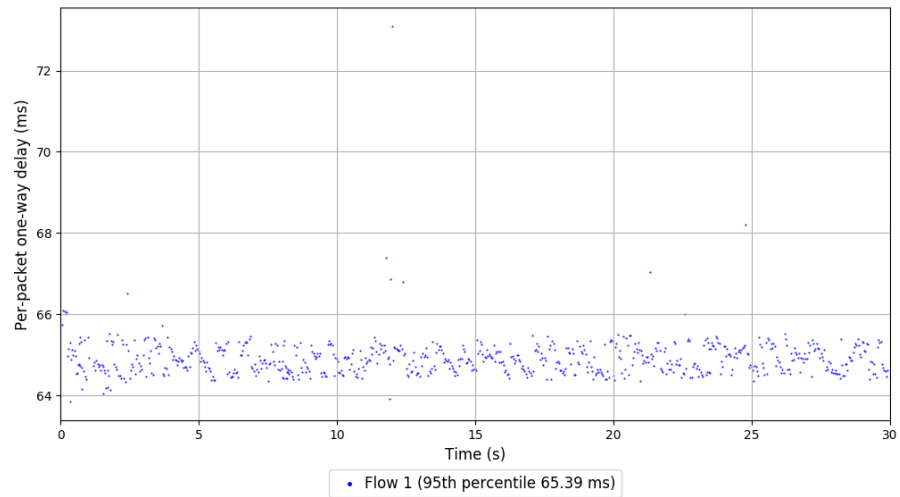
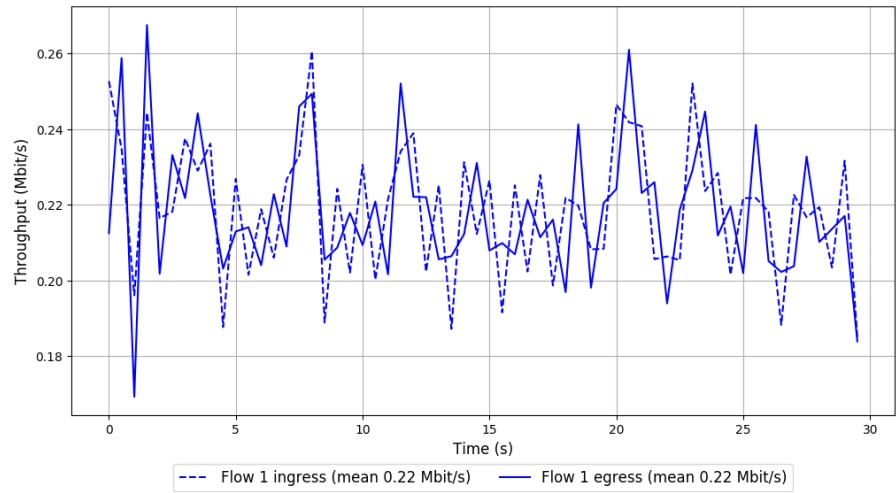
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 65.387 ms

Loss rate: 0.26%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:25:01 +0000

End at: Sun, 16 Jul 2017 23:25:31 +0000

Local clock offset: 0.215 ms

Remote clock offset: 4.46 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 64.045 ms

Loss rate: 0.26%

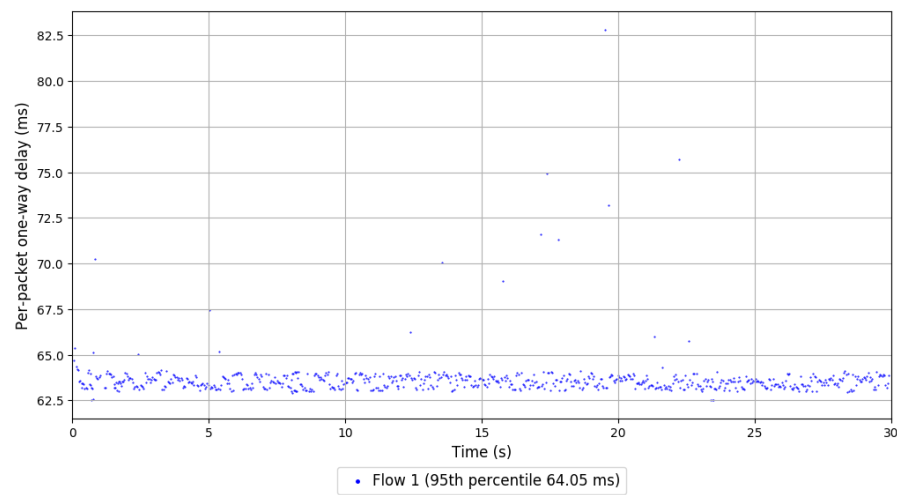
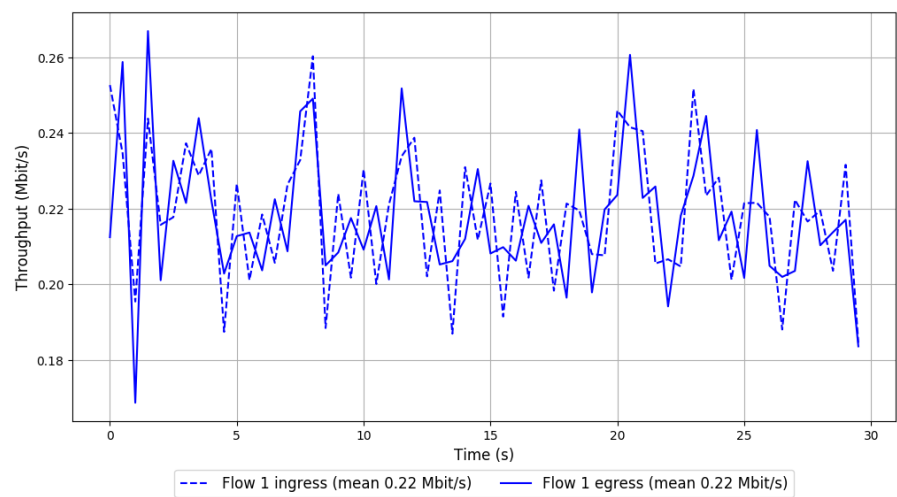
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 64.045 ms

Loss rate: 0.26%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:42:04 +0000

End at: Sun, 16 Jul 2017 23:42:34 +0000

Local clock offset: -0.508 ms

Remote clock offset: 5.141 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:50 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 60.205 ms

Loss rate: 0.25%

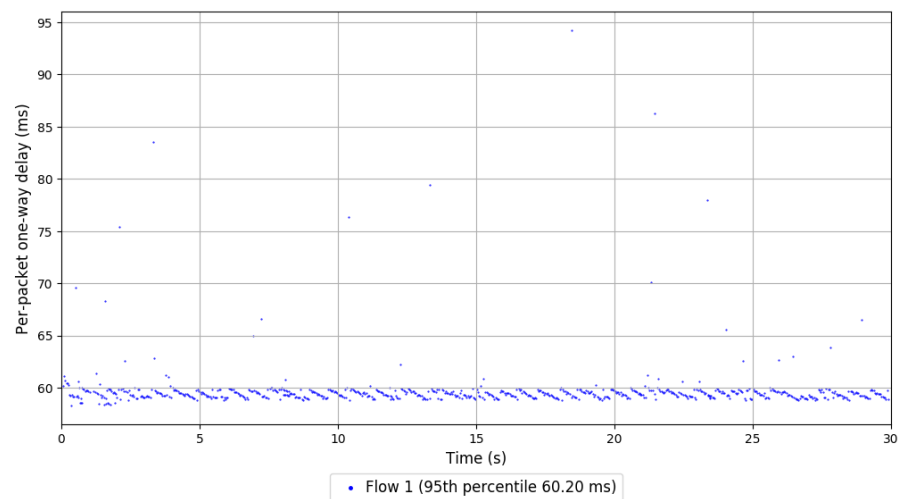
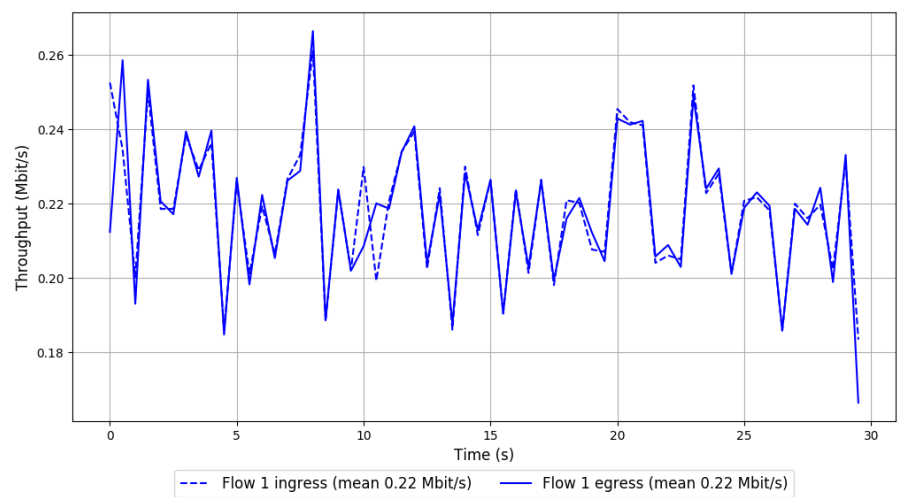
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 60.205 ms

Loss rate: 0.25%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 23:59:40 +0000

End at: Mon, 17 Jul 2017 00:00:10 +0000

Local clock offset: -1.543 ms

Remote clock offset: 4.368 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 60.207 ms

Loss rate: 0.26%

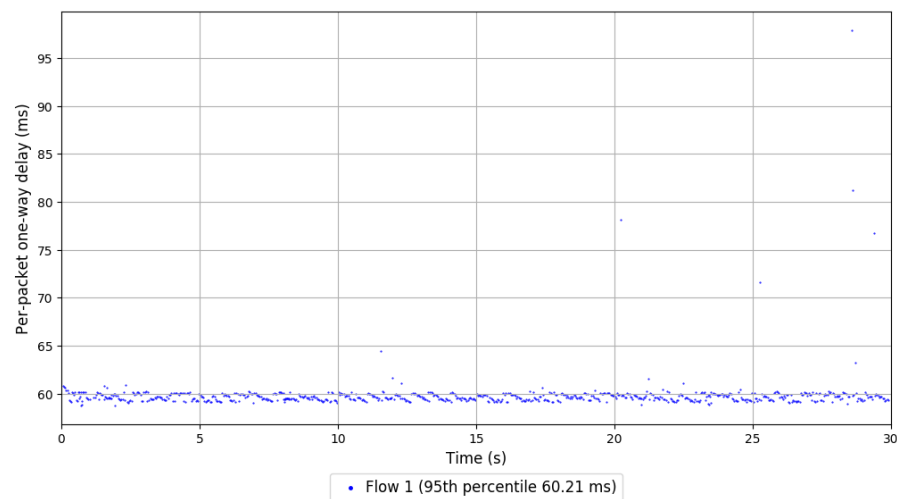
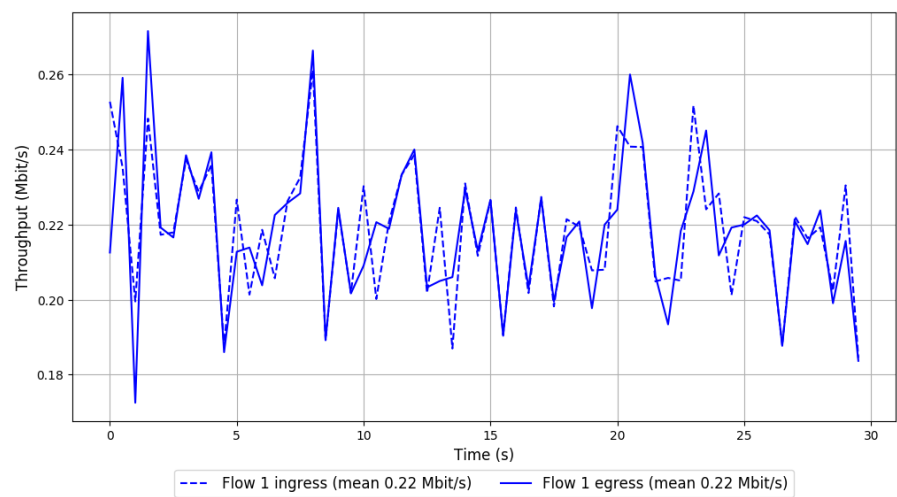
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 60.207 ms

Loss rate: 0.26%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Mon, 17 Jul 2017 00:16:36 +0000

End at: Mon, 17 Jul 2017 00:17:06 +0000

Local clock offset: 0.553 ms

Remote clock offset: 3.632 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:51 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.845 ms

Loss rate: 0.26%

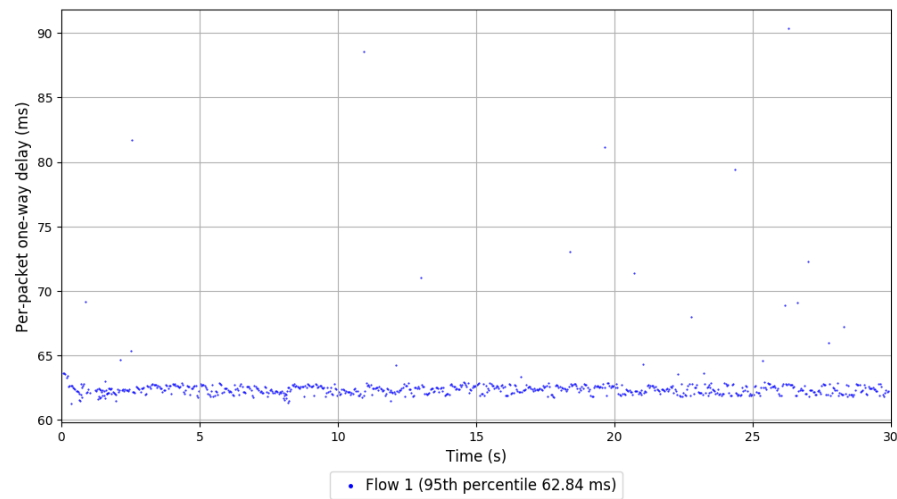
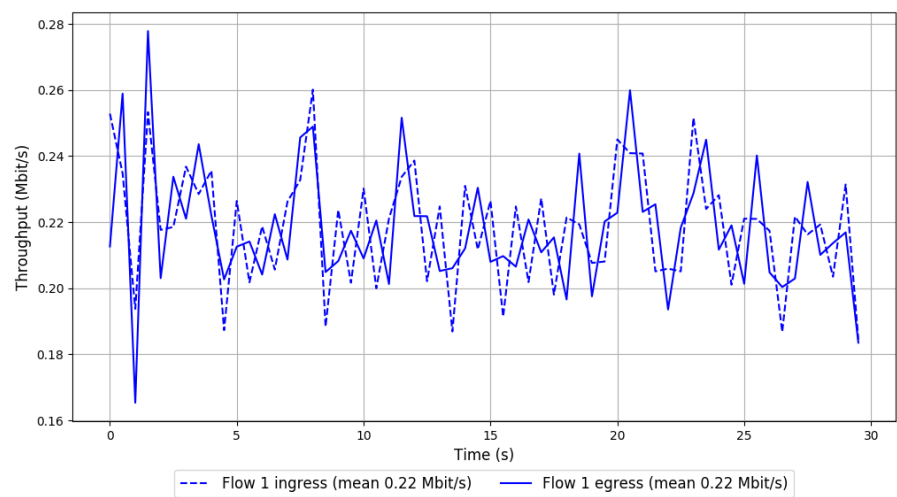
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 62.845 ms

Loss rate: 0.26%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Mon, 17 Jul 2017 00:33:36 +0000

End at: Mon, 17 Jul 2017 00:34:06 +0000

Local clock offset: 1.581 ms

Remote clock offset: 3.765 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.217 ms

Loss rate: 0.26%

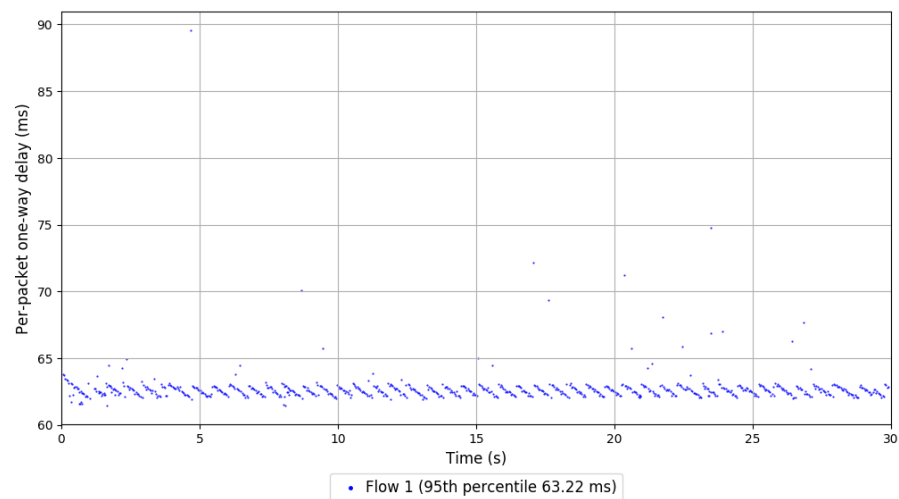
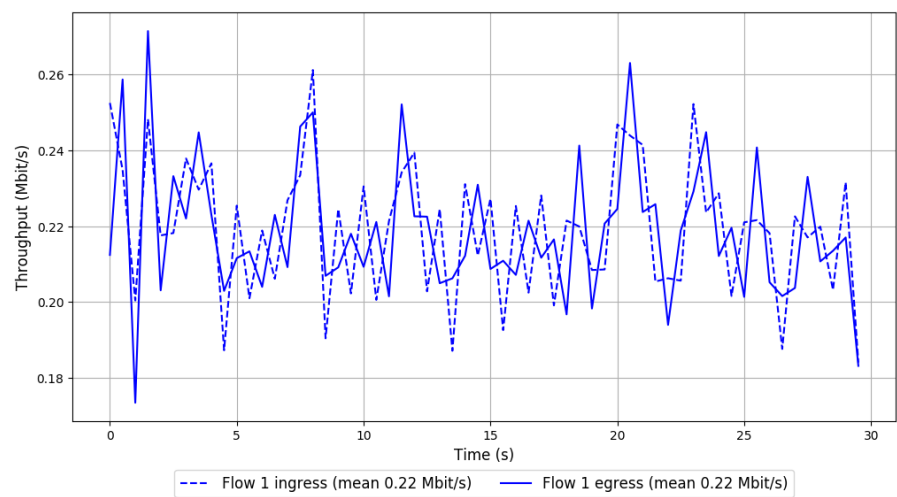
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 63.217 ms

Loss rate: 0.26%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:00:46 +0000

End at: Sun, 16 Jul 2017 22:01:16 +0000

Local clock offset: 2.191 ms

Remote clock offset: 2.754 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:52 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 101.398 ms

Loss rate: 0.49%

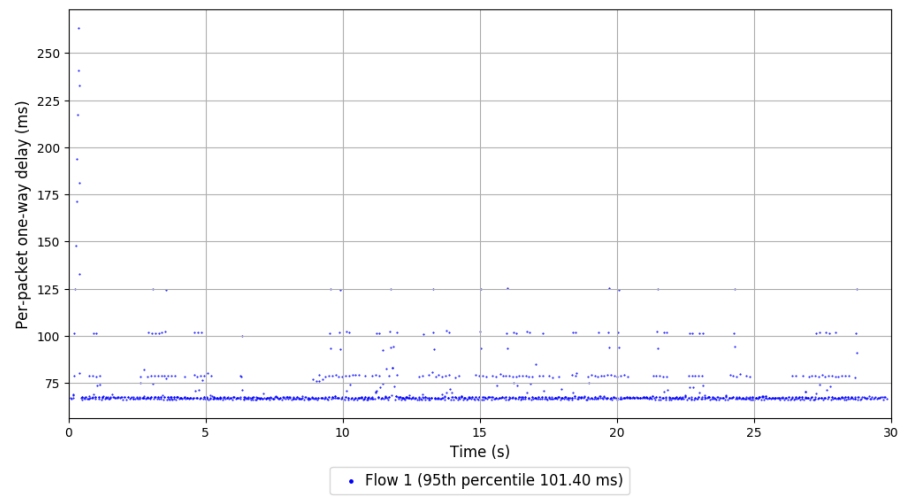
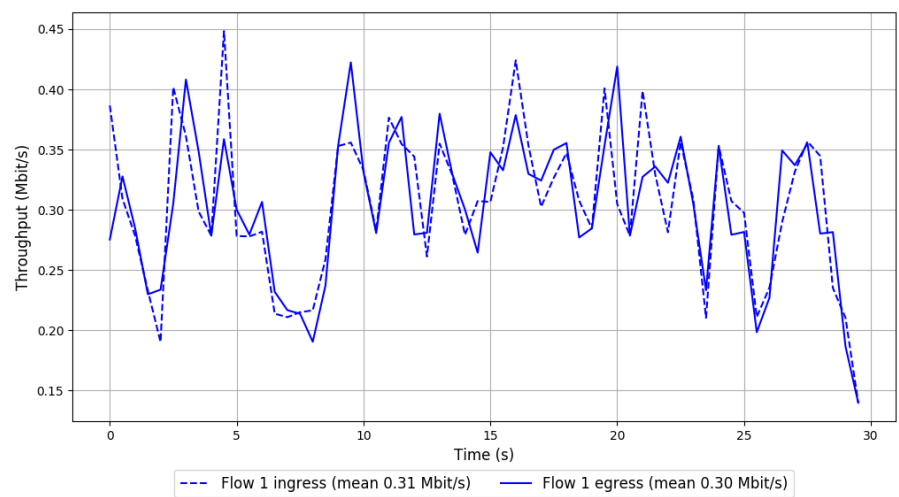
-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 101.398 ms

Loss rate: 0.49%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:17:48 +0000

End at: Sun, 16 Jul 2017 22:18:18 +0000

Local clock offset: 2.31 ms

Remote clock offset: 4.028 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 99.701 ms

Loss rate: 0.75%

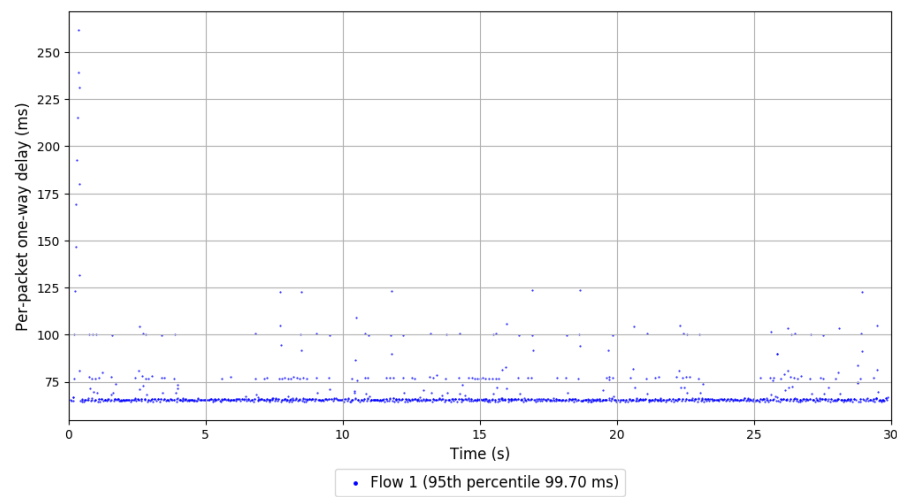
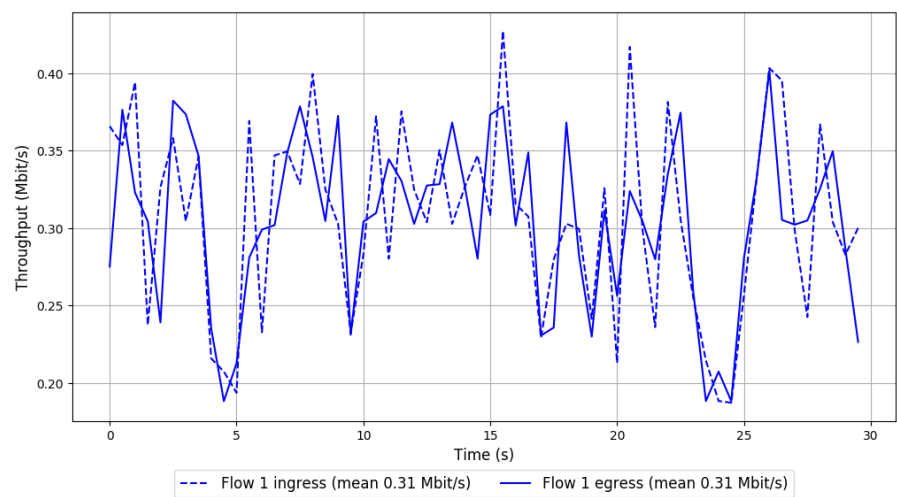
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 99.701 ms

Loss rate: 0.75%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:35:01 +0000

End at: Sun, 16 Jul 2017 22:35:31 +0000

Local clock offset: 1.416 ms

Remote clock offset: 4.277 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:53 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.33 Mbit/s

95th percentile per-packet one-way delay: 99.230 ms

Loss rate: 0.45%

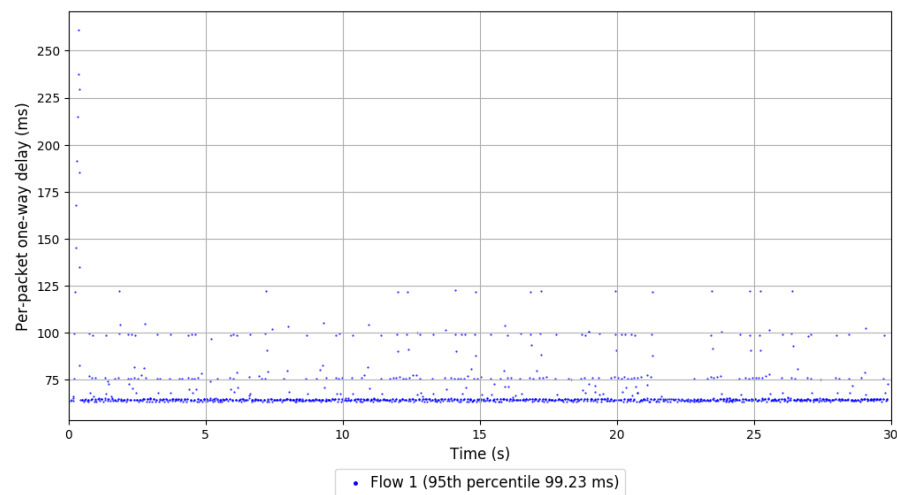
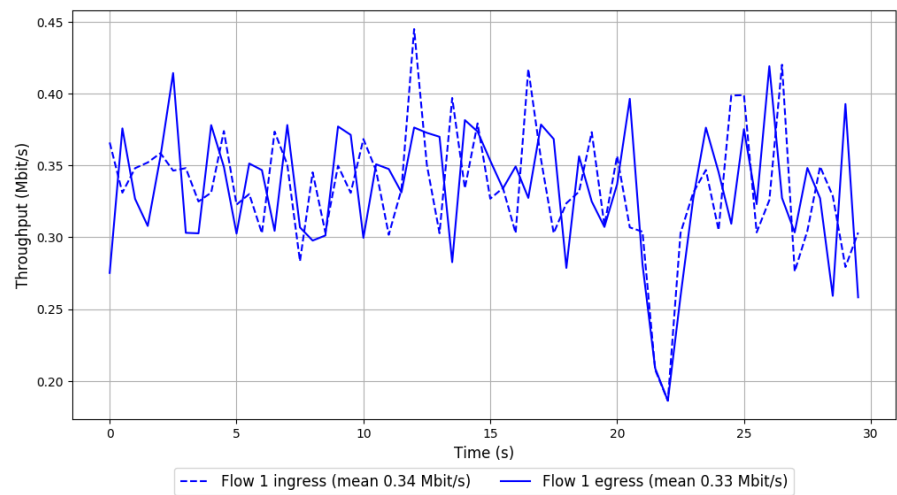
-- Flow 1:

Average throughput: 0.33 Mbit/s

95th percentile per-packet one-way delay: 99.230 ms

Loss rate: 0.45%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sun, 16 Jul 2017 22:52:01 +0000

End at: Sun, 16 Jul 2017 22:52:31 +0000

Local clock offset: -0.569 ms

Remote clock offset: 3.192 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 79.166 ms

Loss rate: 0.62%

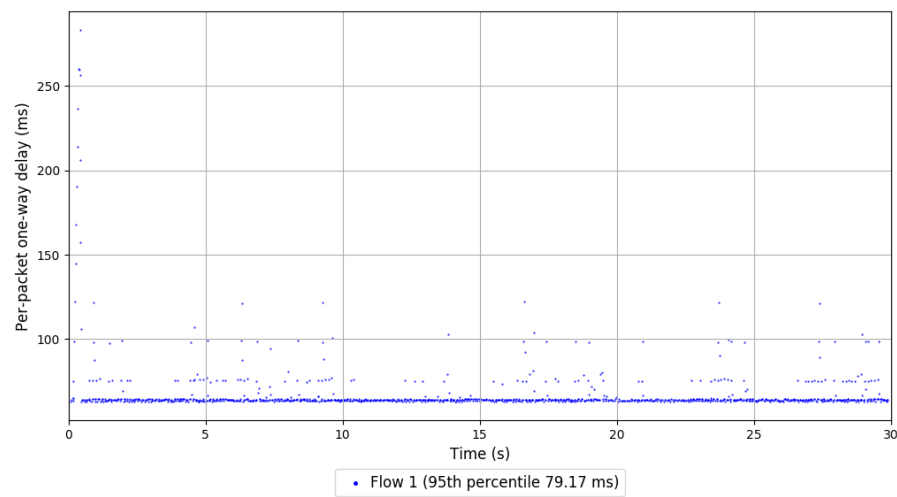
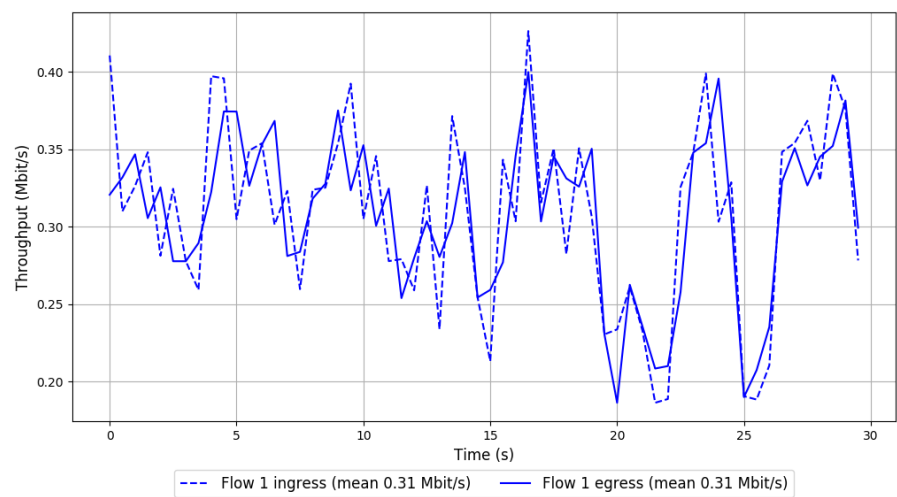
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 79.166 ms

Loss rate: 0.62%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Sun, 16 Jul 2017 23:09:08 +0000

End at: Sun, 16 Jul 2017 23:09:38 +0000

Local clock offset: 1.166 ms

Remote clock offset: 4.173 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:55 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 100.008 ms

Loss rate: 0.72%

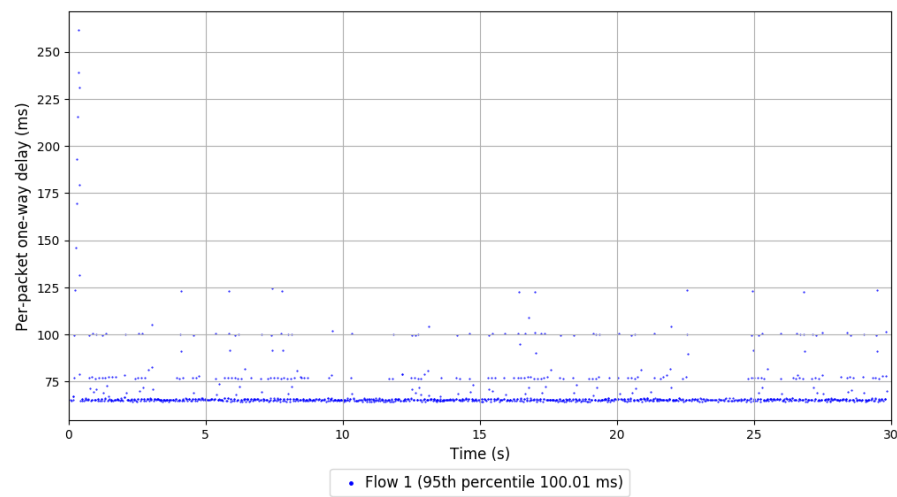
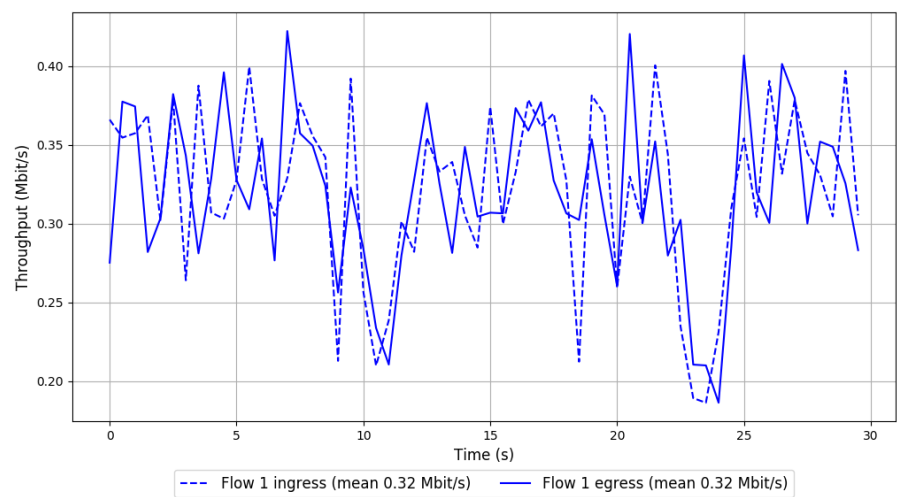
-- Flow 1:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 100.008 ms

Loss rate: 0.72%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sun, 16 Jul 2017 23:26:13 +0000

End at: Sun, 16 Jul 2017 23:26:43 +0000

Local clock offset: 0.4 ms

Remote clock offset: 4.137 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 94.788 ms

Loss rate: 0.10%

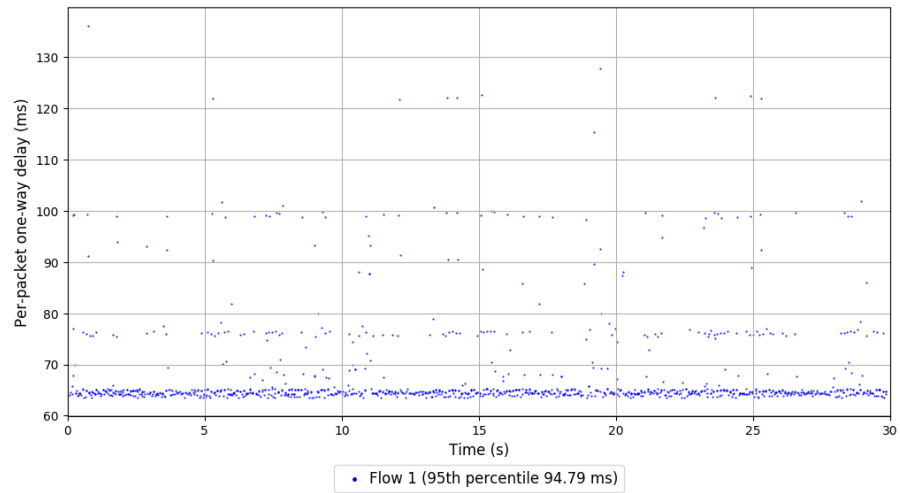
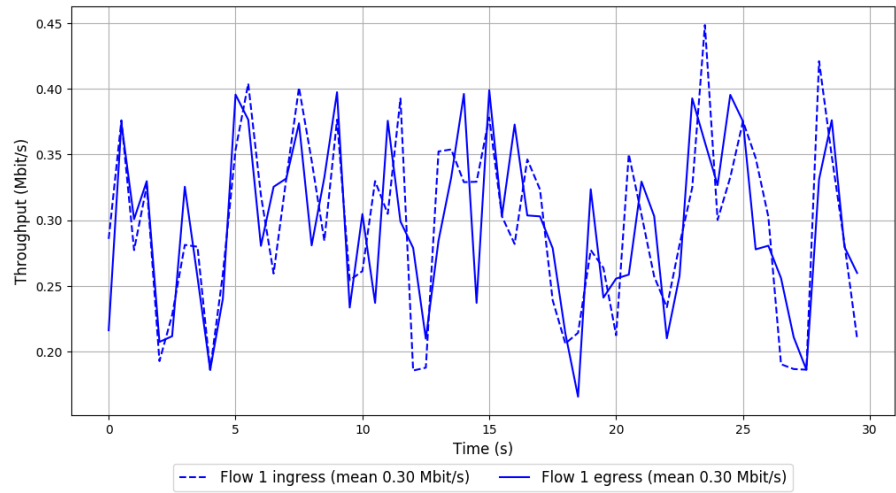
-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 94.788 ms

Loss rate: 0.10%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sun, 16 Jul 2017 23:43:16 +0000

End at: Sun, 16 Jul 2017 23:43:46 +0000

Local clock offset: -2.048 ms

Remote clock offset: 5.251 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:56 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 82.047 ms

Loss rate: 0.48%

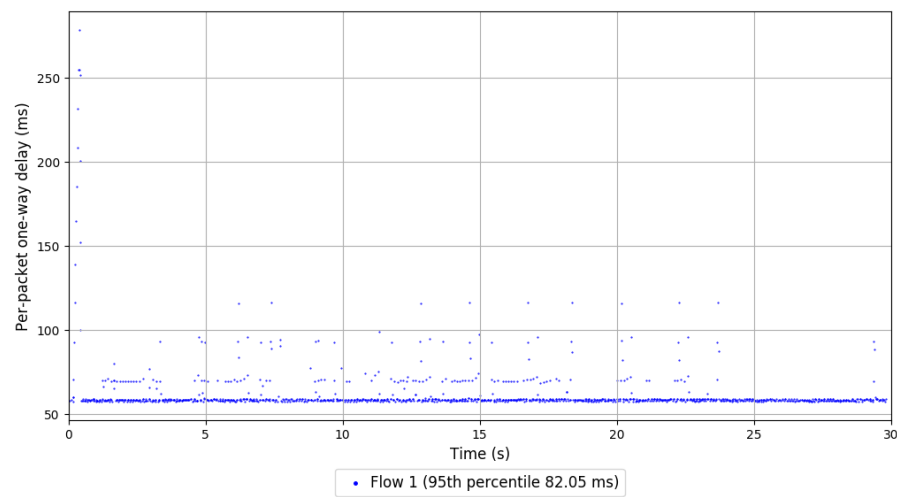
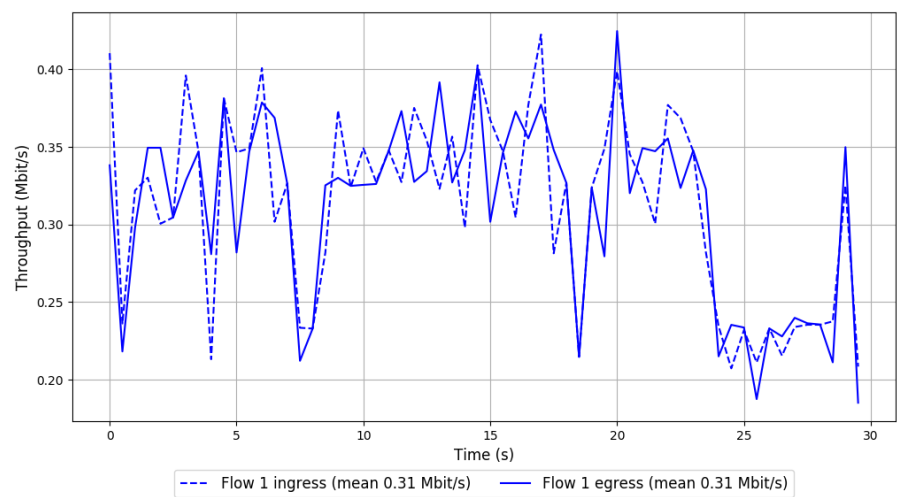
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 82.047 ms

Loss rate: 0.48%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Mon, 17 Jul 2017 00:00:52 +0000

End at: Mon, 17 Jul 2017 00:01:22 +0000

Local clock offset: 1.129 ms

Remote clock offset: 5.629 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 73.878 ms

Loss rate: 0.50%

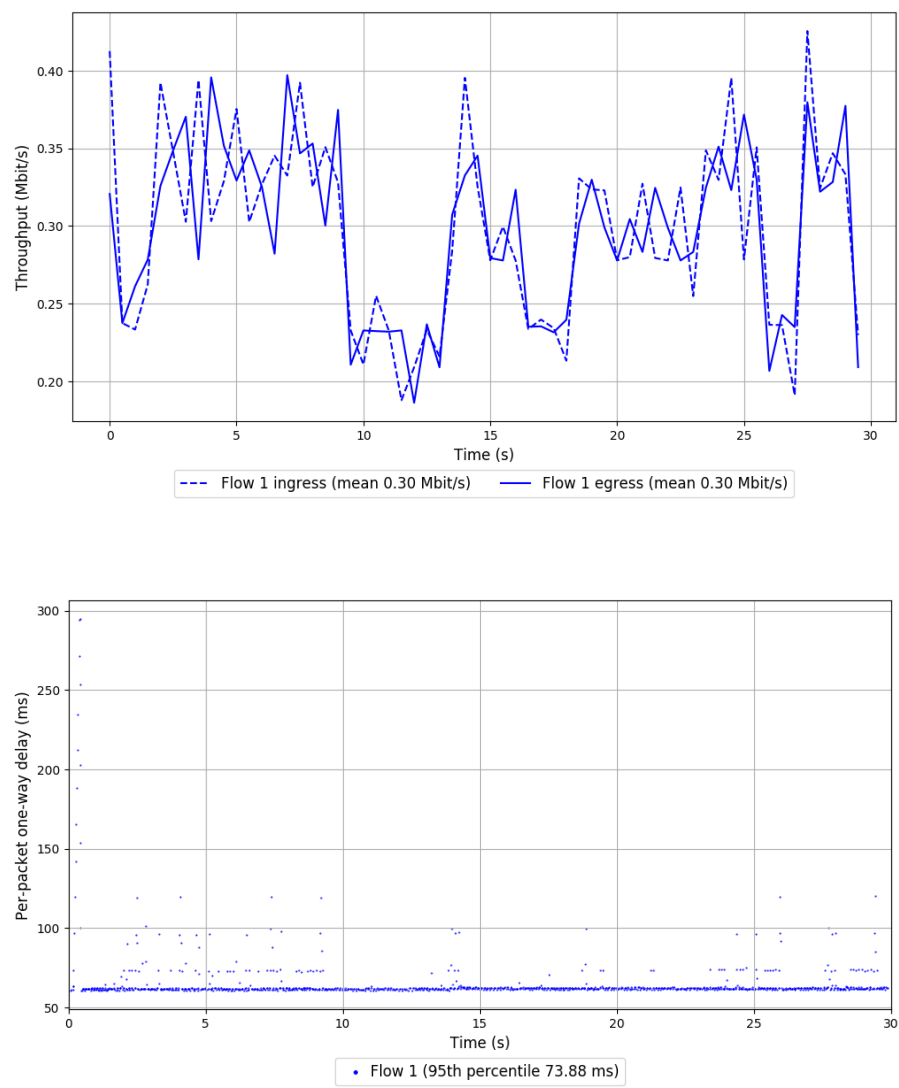
-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 73.878 ms

Loss rate: 0.50%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Mon, 17 Jul 2017 00:17:47 +0000

End at: Mon, 17 Jul 2017 00:18:17 +0000

Local clock offset: -1.686 ms

Remote clock offset: 4.221 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 86.564 ms

Loss rate: 0.37%

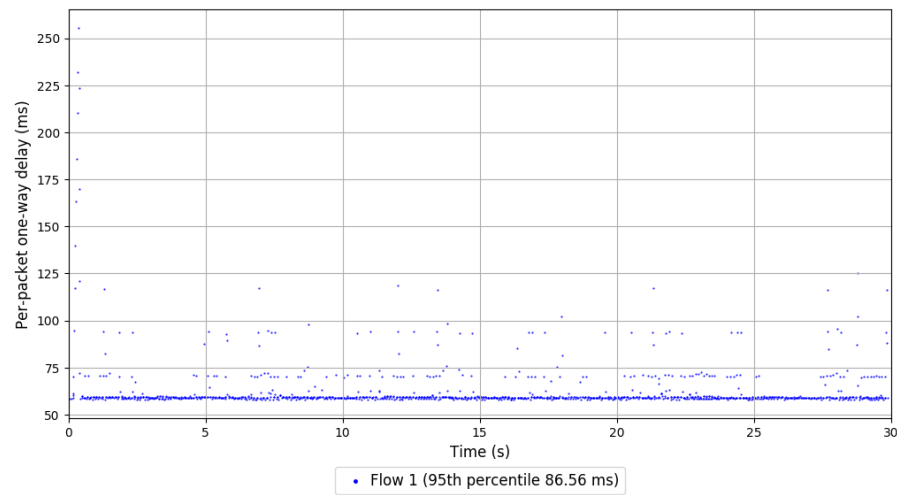
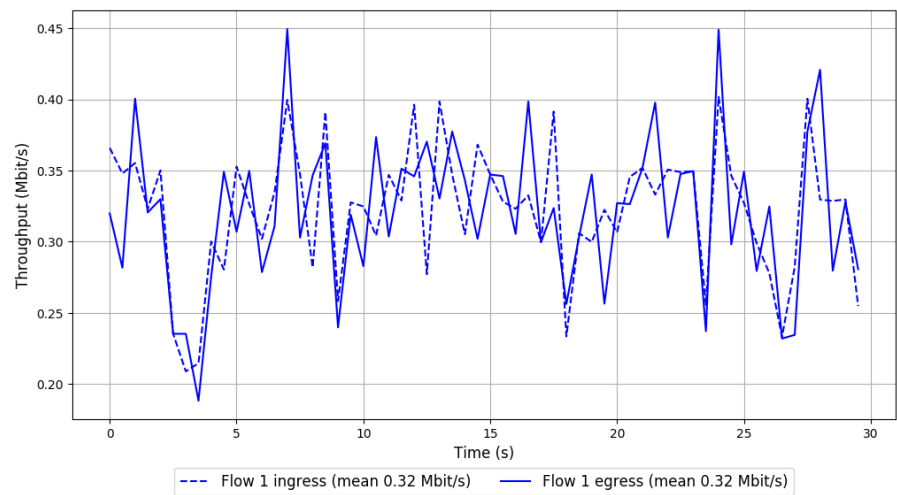
-- Flow 1:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 86.564 ms

Loss rate: 0.37%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Mon, 17 Jul 2017 00:34:48 +0000

End at: Mon, 17 Jul 2017 00:35:18 +0000

Local clock offset: -1.016 ms

Remote clock offset: 4.288 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 86.049 ms

Loss rate: 0.75%

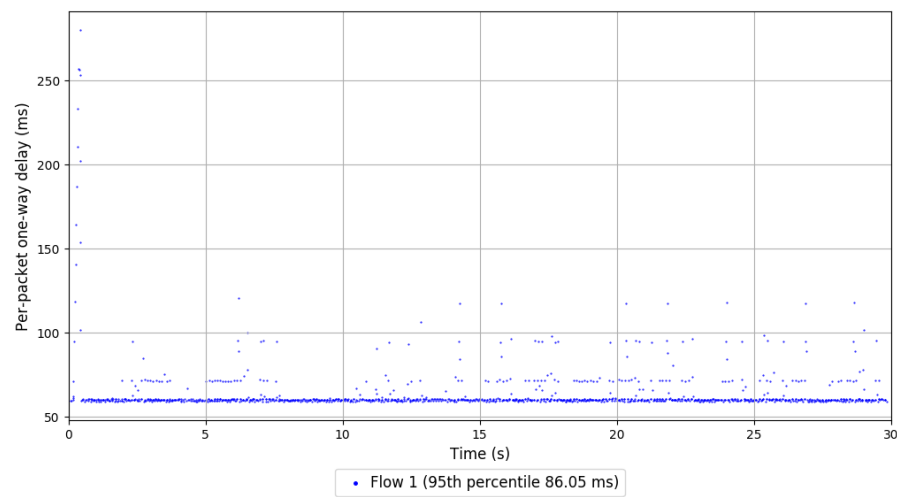
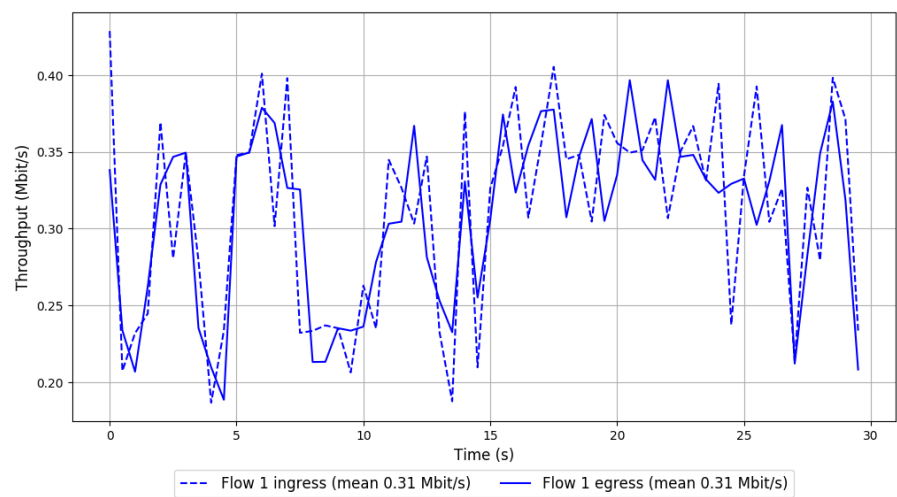
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 86.049 ms

Loss rate: 0.75%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:01:59 +0000

End at: Sun, 16 Jul 2017 22:02:29 +0000

Local clock offset: 1.336 ms

Remote clock offset: 4.007 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.620 ms

Loss rate: 66.42%

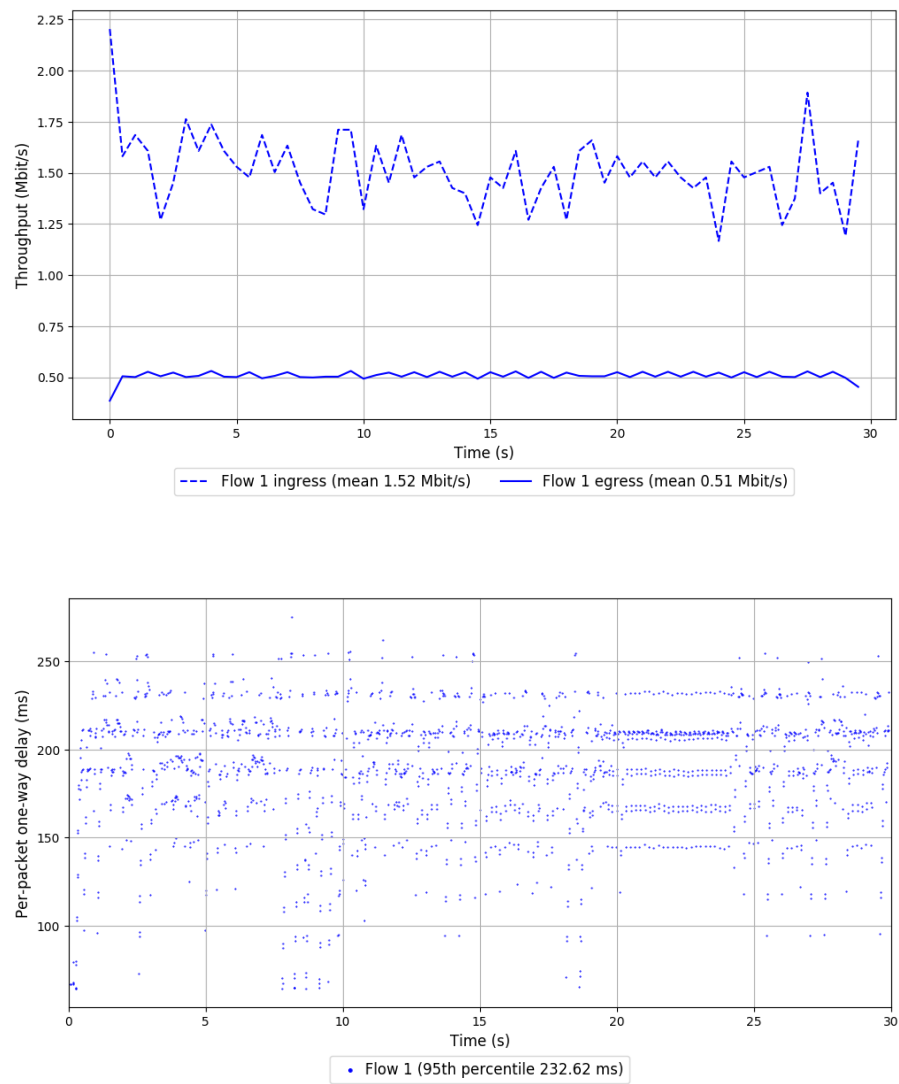
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.620 ms

Loss rate: 66.42%

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



Run 2: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:19:01 +0000

End at: Sun, 16 Jul 2017 22:19:31 +0000

Local clock offset: 1.313 ms

Remote clock offset: 4.079 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:51:59 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.806 ms

Loss rate: 65.79%

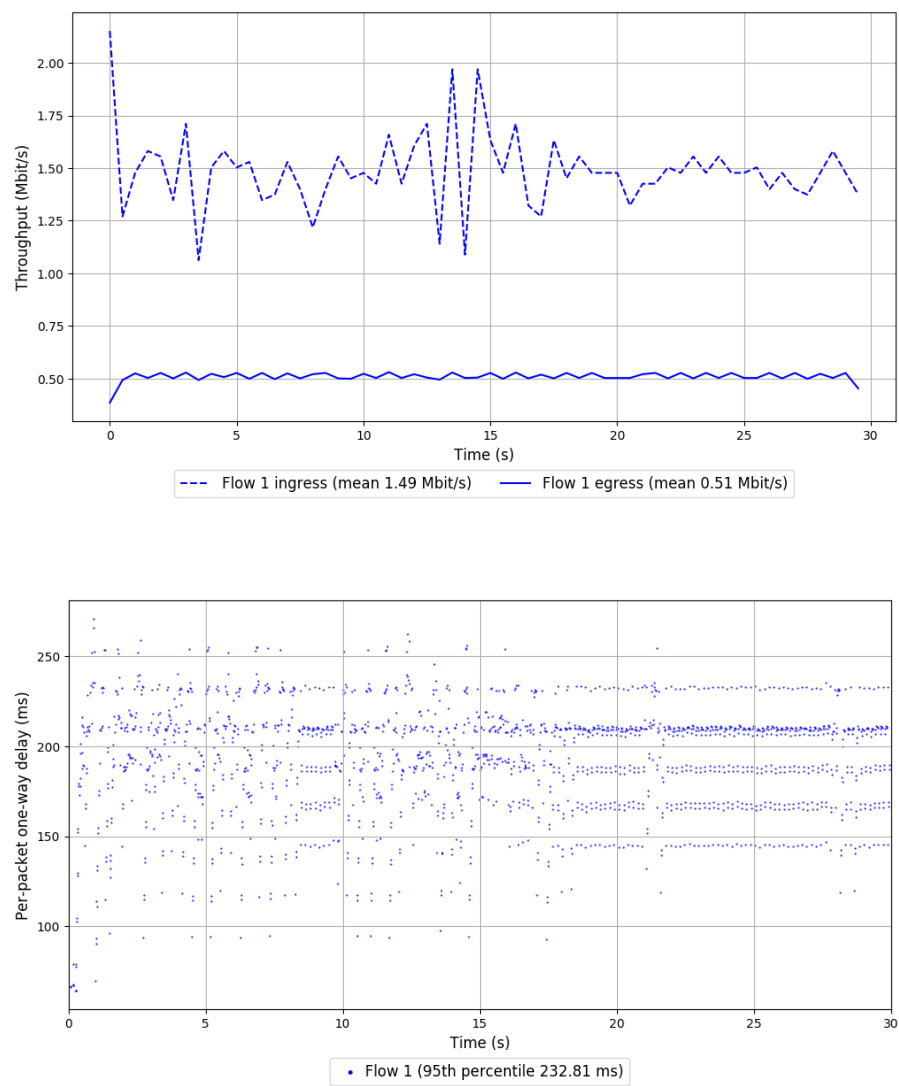
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.806 ms

Loss rate: 65.79%

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



Run 3: Statistics of TaoVA-100x

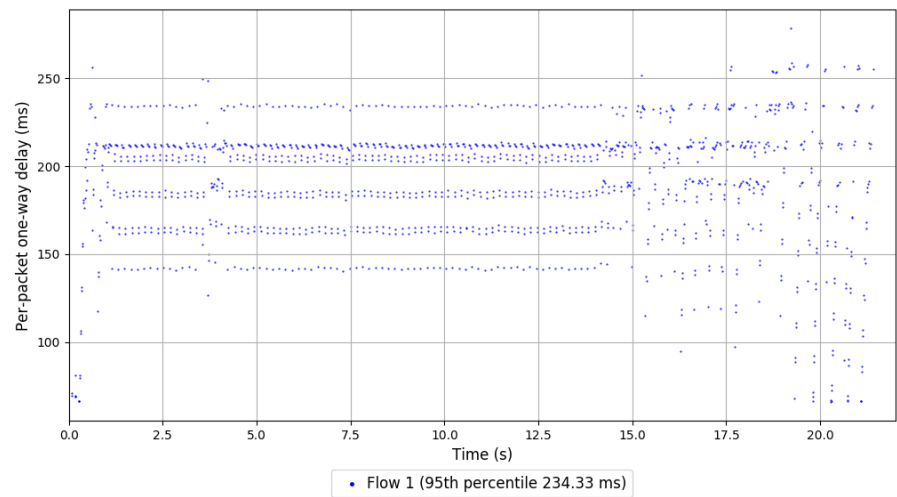
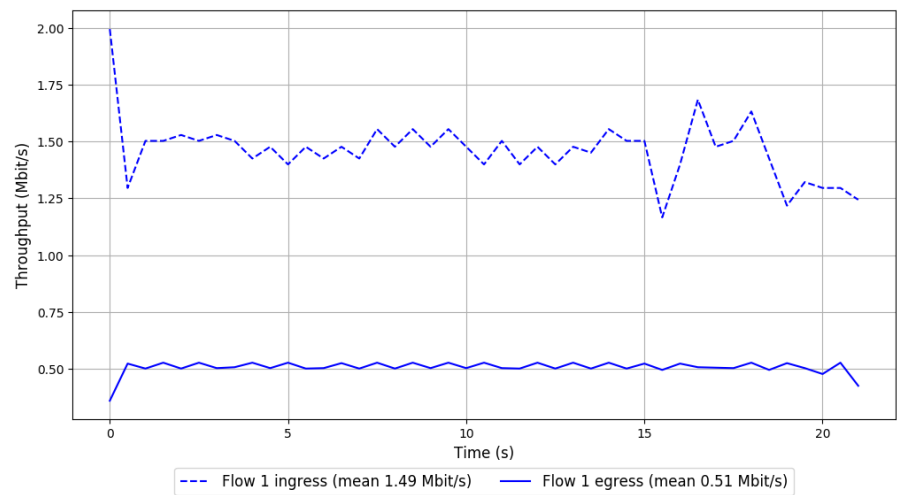
Start at: Sun, 16 Jul 2017 22:36:14 +0000

End at: Sun, 16 Jul 2017 22:36:44 +0000

Local clock offset: 1.534 ms

Remote clock offset: 3.165 ms

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



Run 4: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 22:53:13 +0000

End at: Sun, 16 Jul 2017 22:53:43 +0000

Local clock offset: 1.37 ms

Remote clock offset: 3.664 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 233.262 ms

Loss rate: 65.63%

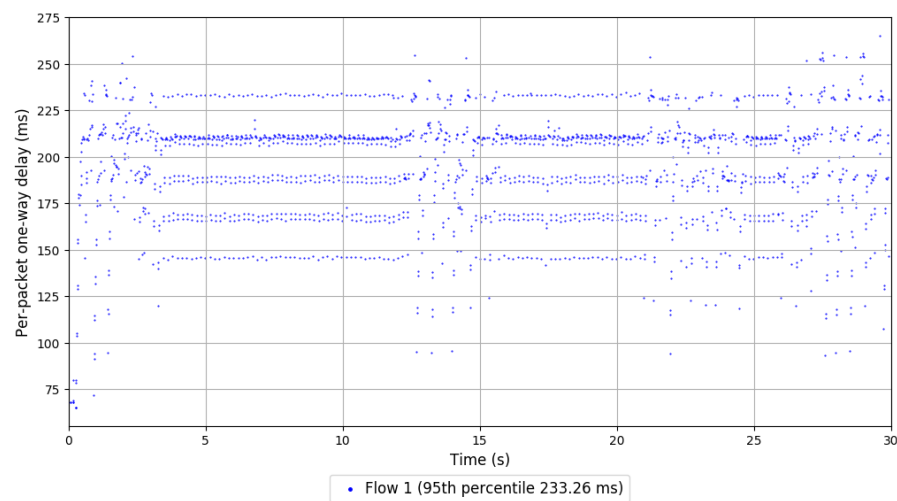
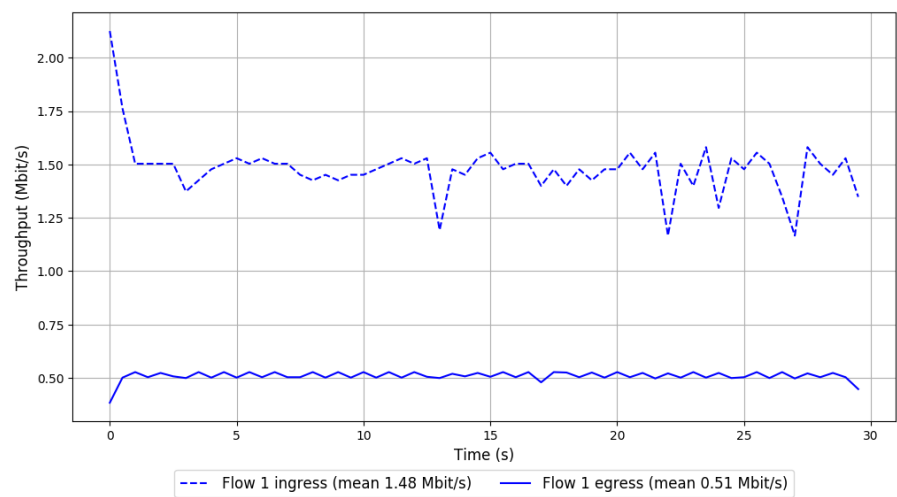
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 233.262 ms

Loss rate: 65.63%

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



Run 5: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:10:21 +0000

End at: Sun, 16 Jul 2017 23:10:51 +0000

Local clock offset: 1.177 ms

Remote clock offset: 3.56 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 234.947 ms

Loss rate: 64.67%

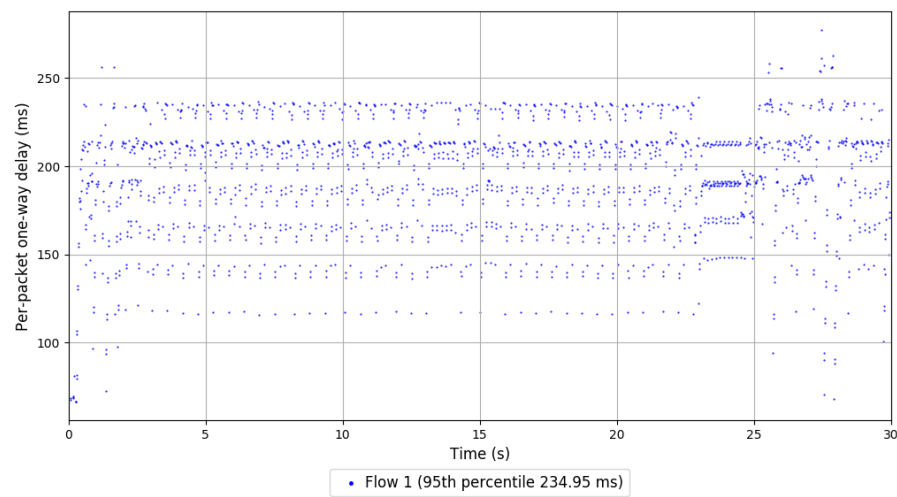
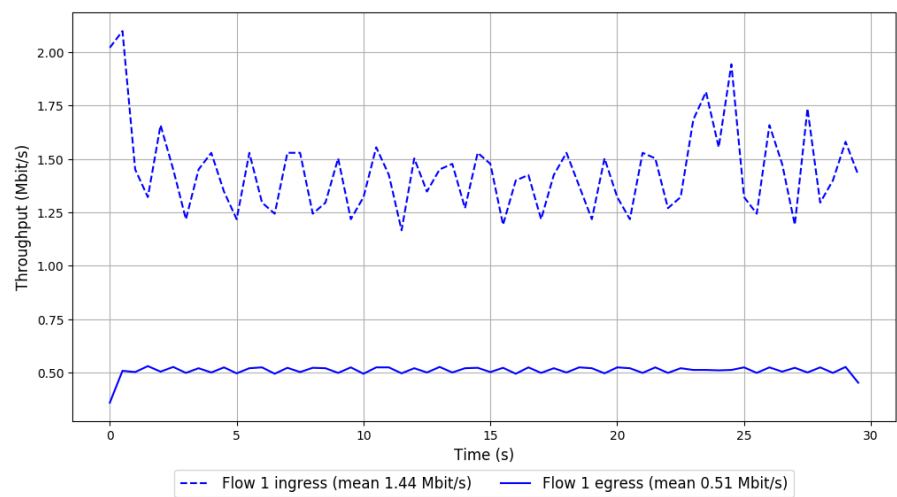
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 234.947 ms

Loss rate: 64.67%

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



Run 6: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:27:26 +0000

End at: Sun, 16 Jul 2017 23:27:56 +0000

Local clock offset: 0.605 ms

Remote clock offset: 3.557 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.947 ms

Loss rate: 64.42%

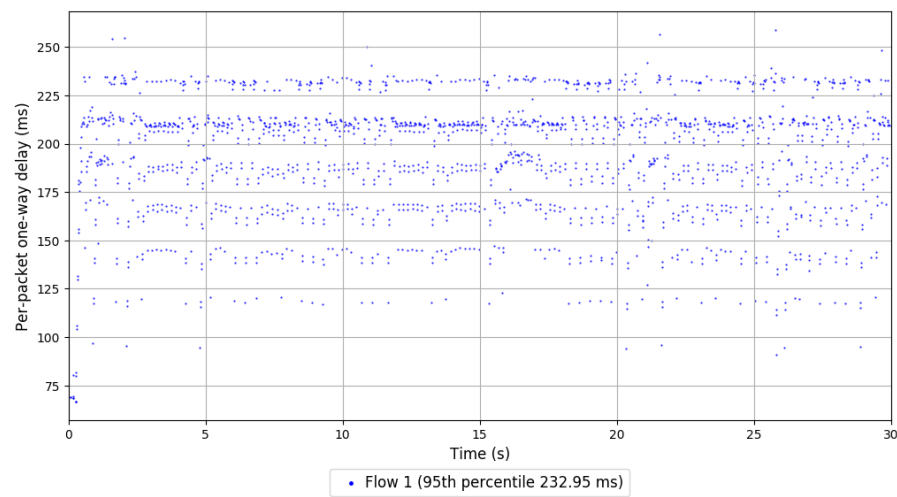
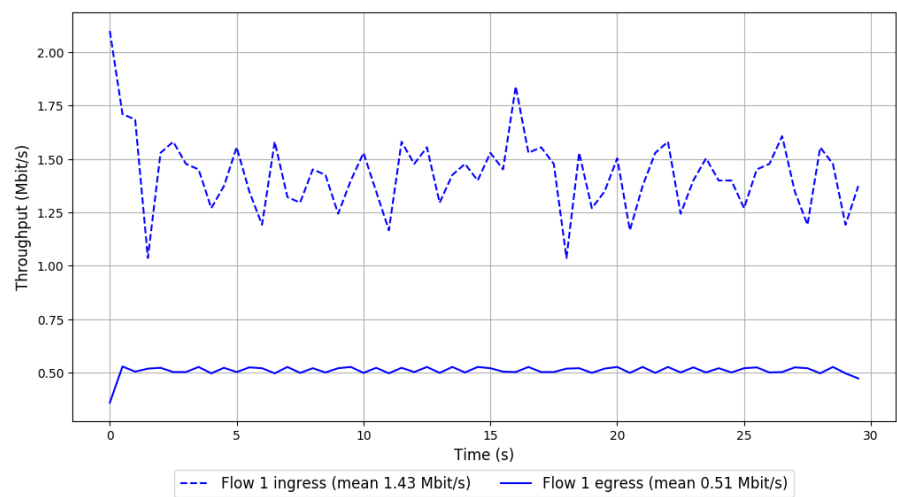
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.947 ms

Loss rate: 64.42%

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



Run 7: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 23:44:28 +0000

End at: Sun, 16 Jul 2017 23:44:58 +0000

Local clock offset: -1.009 ms

Remote clock offset: 4.193 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 227.007 ms

Loss rate: 65.17%

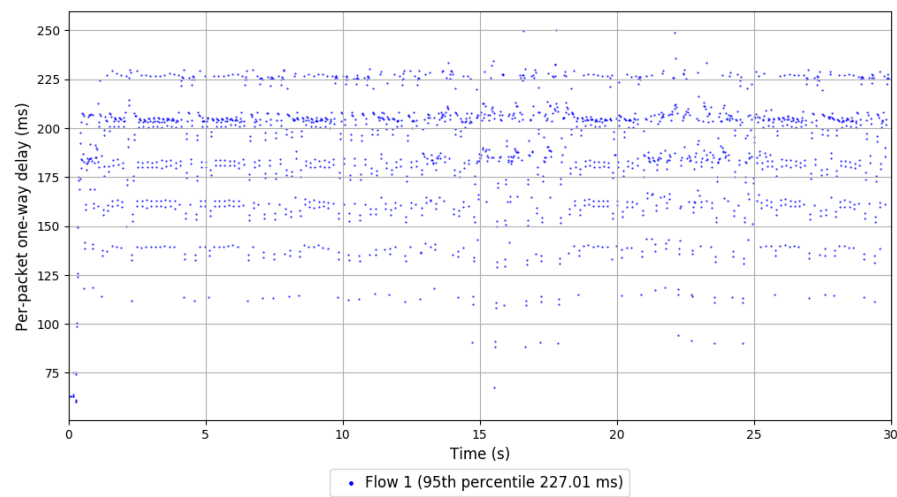
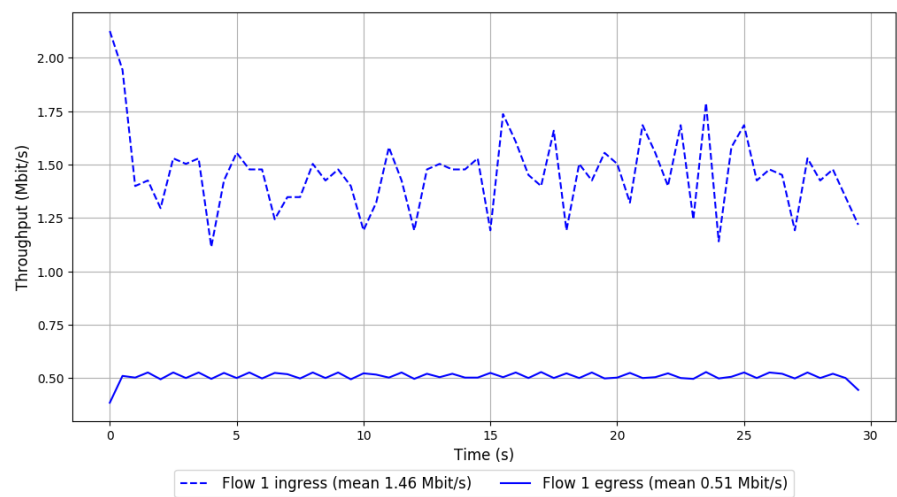
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 227.007 ms

Loss rate: 65.17%

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



Run 8: Statistics of TaoVA-100x

Start at: Mon, 17 Jul 2017 00:02:05 +0000

End at: Mon, 17 Jul 2017 00:02:35 +0000

Local clock offset: 1.747 ms

Remote clock offset: 3.35 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:02 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.998 ms

Loss rate: 64.22%

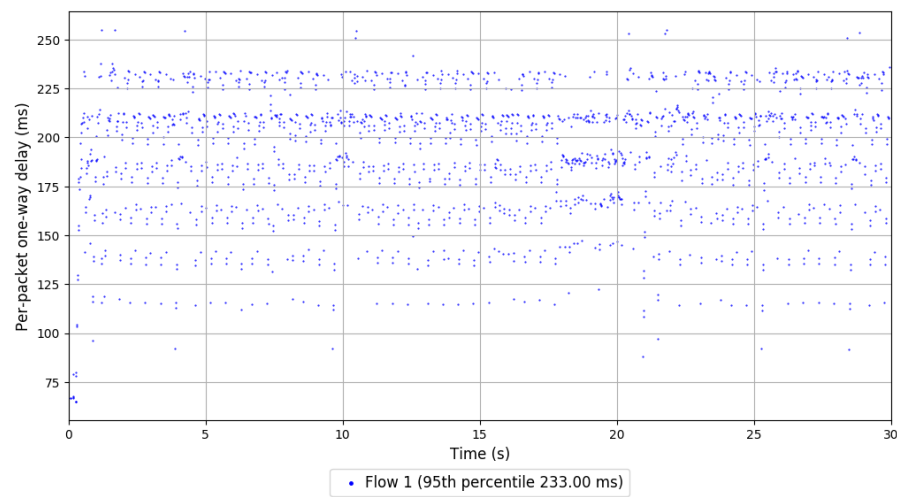
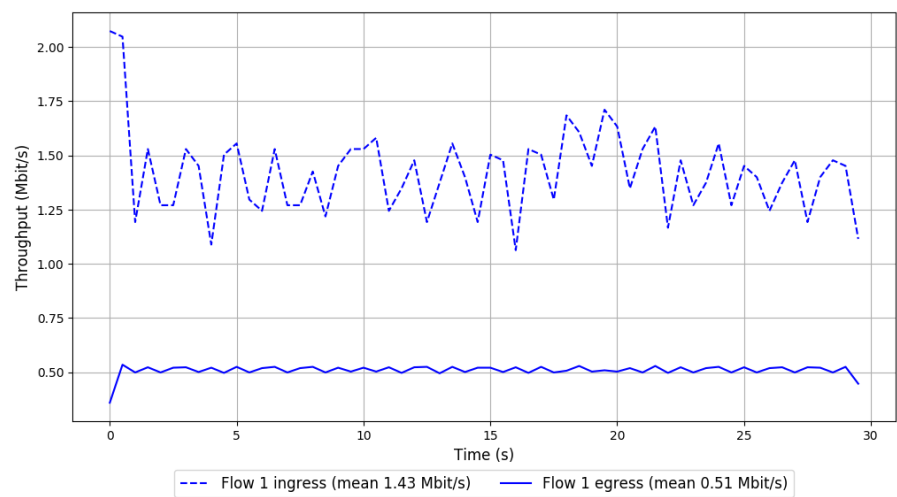
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.998 ms

Loss rate: 64.22%

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



Run 9: Statistics of TaoVA-100x

Start at: Mon, 17 Jul 2017 00:19:00 +0000

End at: Mon, 17 Jul 2017 00:19:30 +0000

Local clock offset: 0.225 ms

Remote clock offset: 3.596 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.042 ms

Loss rate: 65.79%

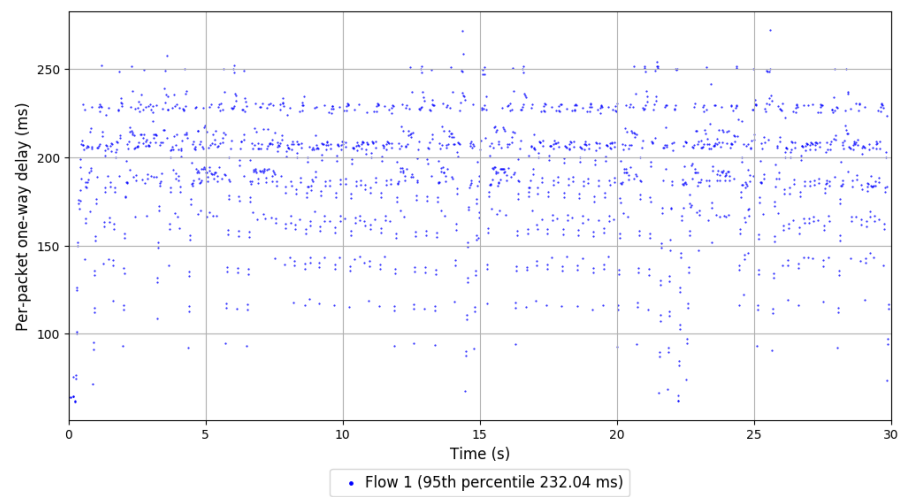
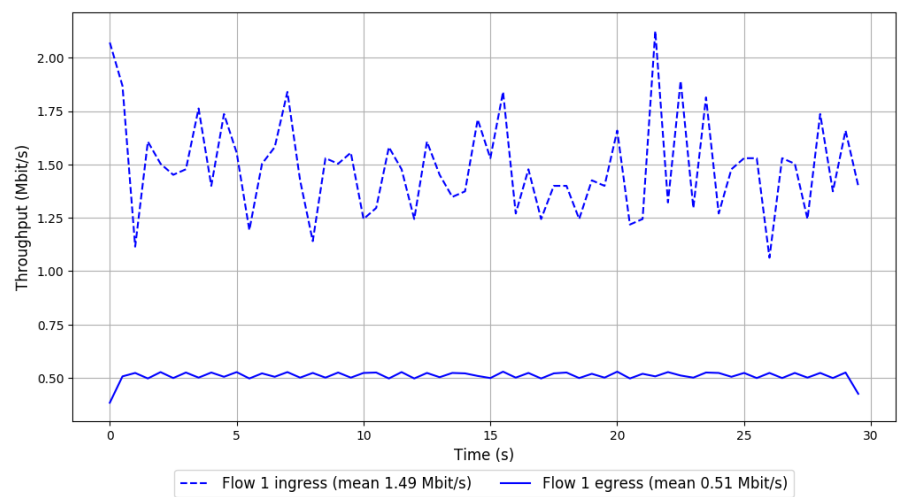
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 232.042 ms

Loss rate: 65.79%

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 17 Jul 2017 00:36:00 +0000

End at: Mon, 17 Jul 2017 00:36:30 +0000

Local clock offset: -1.182 ms

Remote clock offset: 3.902 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 228.192 ms

Loss rate: 65.82%

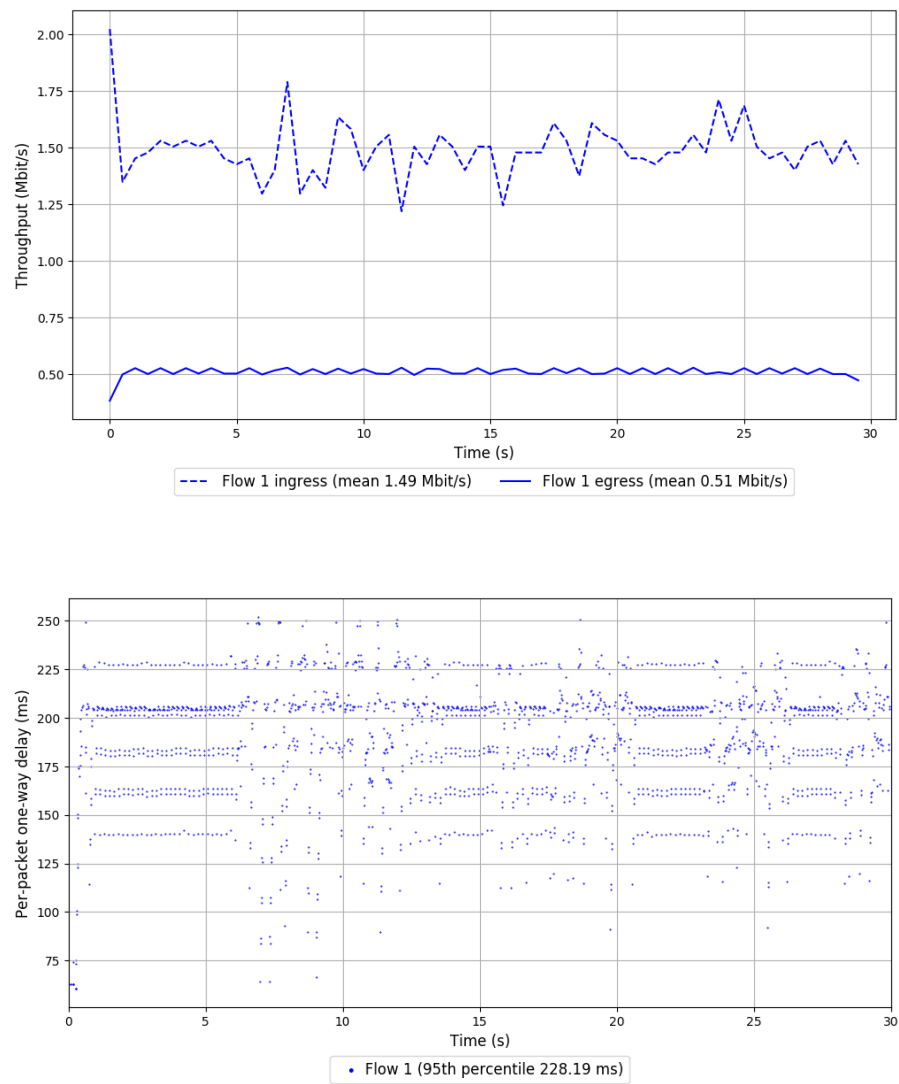
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 228.192 ms

Loss rate: 65.82%

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



Run 1: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:11:43 +0000

End at: Sun, 16 Jul 2017 22:12:13 +0000

Local clock offset: 1.594 ms

Remote clock offset: 4.341 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 272.834 ms

Loss rate: 1.77%

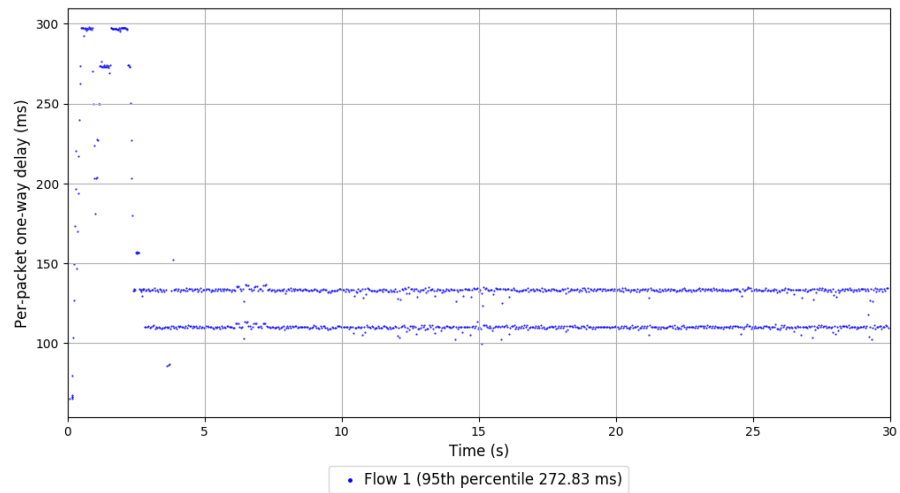
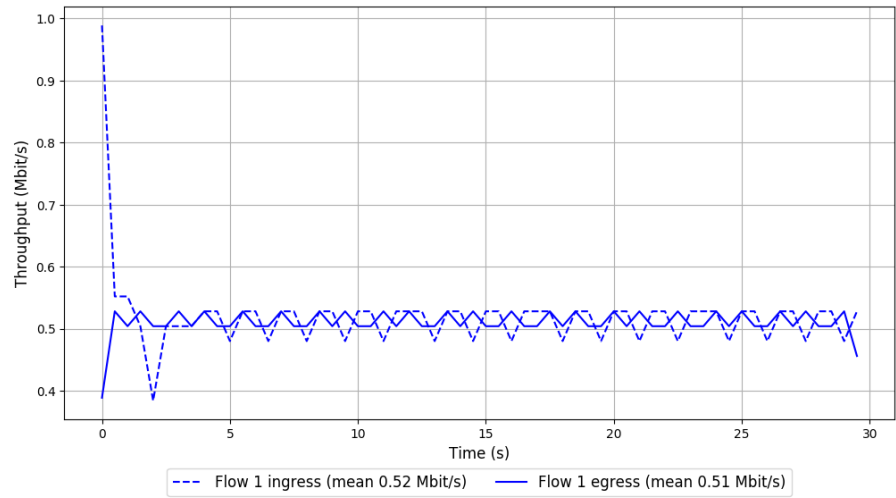
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 272.834 ms

Loss rate: 1.77%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:28:58 +0000

End at: Sun, 16 Jul 2017 22:29:28 +0000

Local clock offset: 3.189 ms

Remote clock offset: 3.284 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 230.351 ms

Loss rate: 1.54%

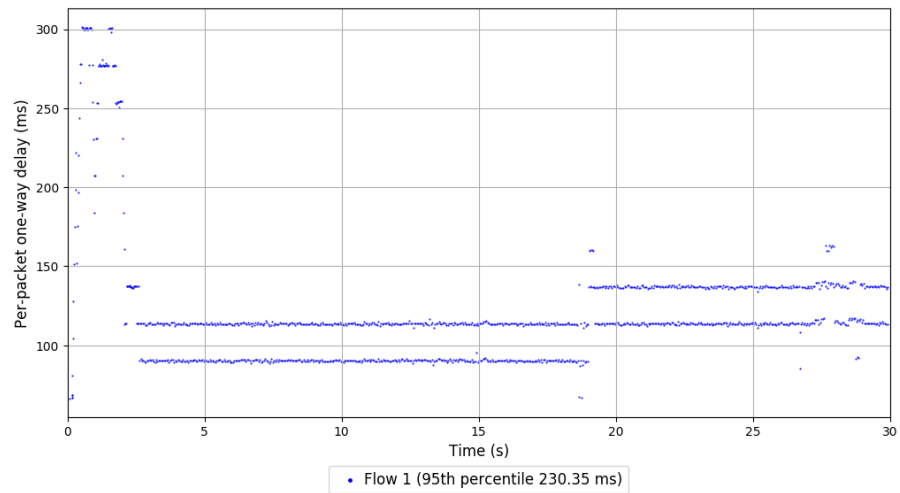
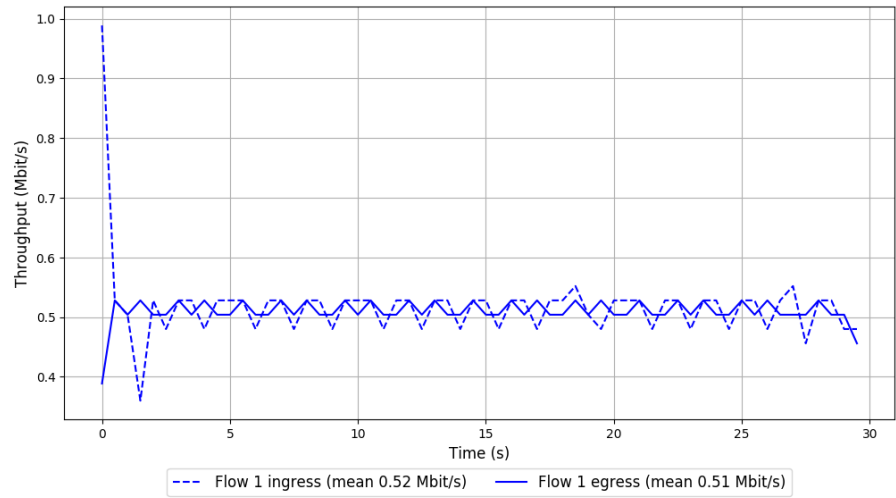
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 230.351 ms

Loss rate: 1.54%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 22:45:58 +0000

End at: Sun, 16 Jul 2017 22:46:28 +0000

Local clock offset: 0.646 ms

Remote clock offset: 4.003 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 250.971 ms

Loss rate: 1.77%

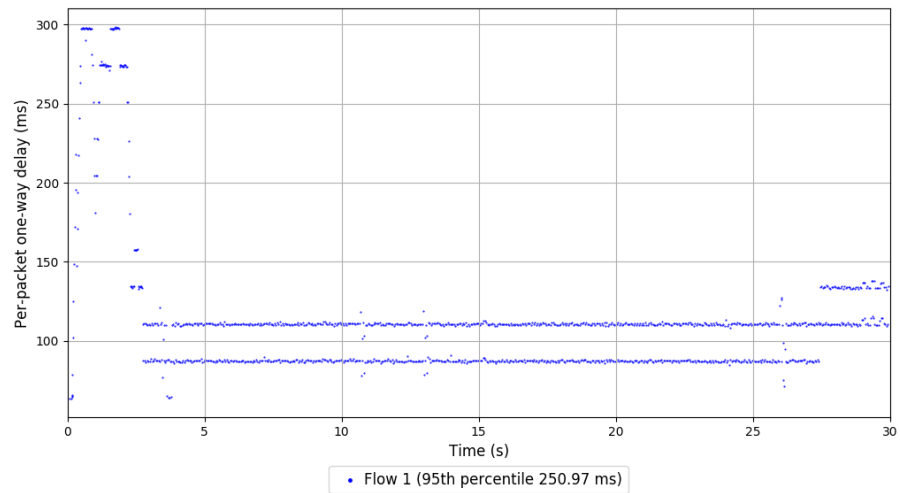
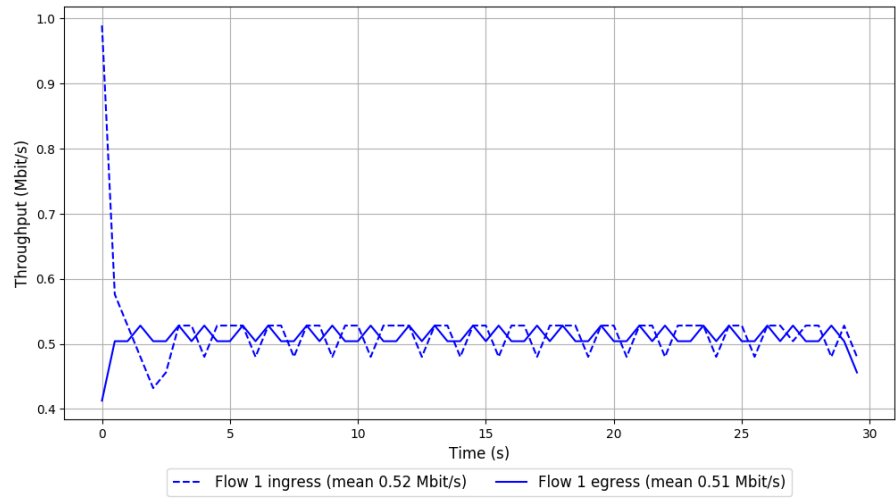
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 250.971 ms

Loss rate: 1.77%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:03:07 +0000

End at: Sun, 16 Jul 2017 23:03:37 +0000

Local clock offset: 1.897 ms

Remote clock offset: 3.905 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:06 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 275.025 ms

Loss rate: 1.69%

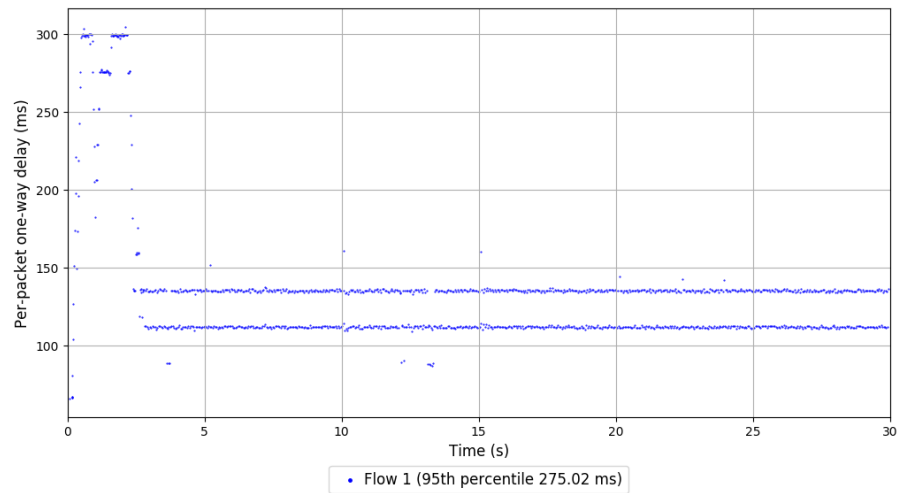
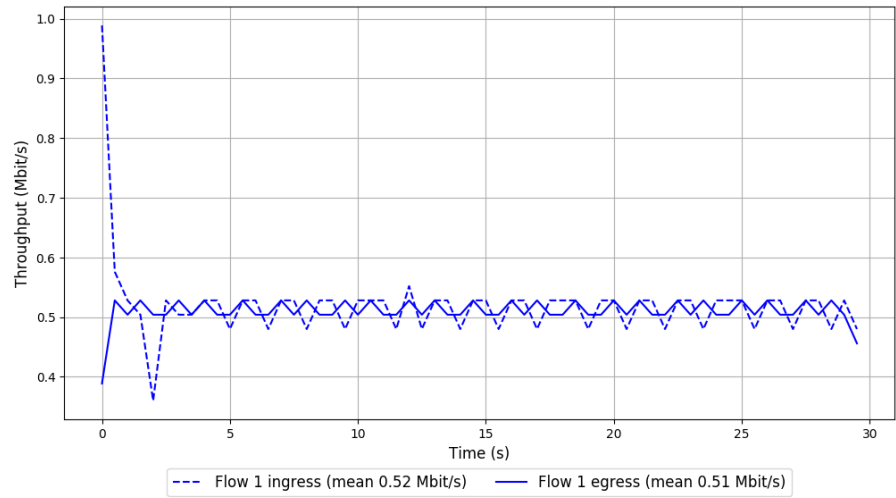
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 275.025 ms

Loss rate: 1.69%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:20:10 +0000

End at: Sun, 16 Jul 2017 23:20:40 +0000

Local clock offset: -1.514 ms

Remote clock offset: 3.876 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 272.000 ms

Loss rate: 1.70%

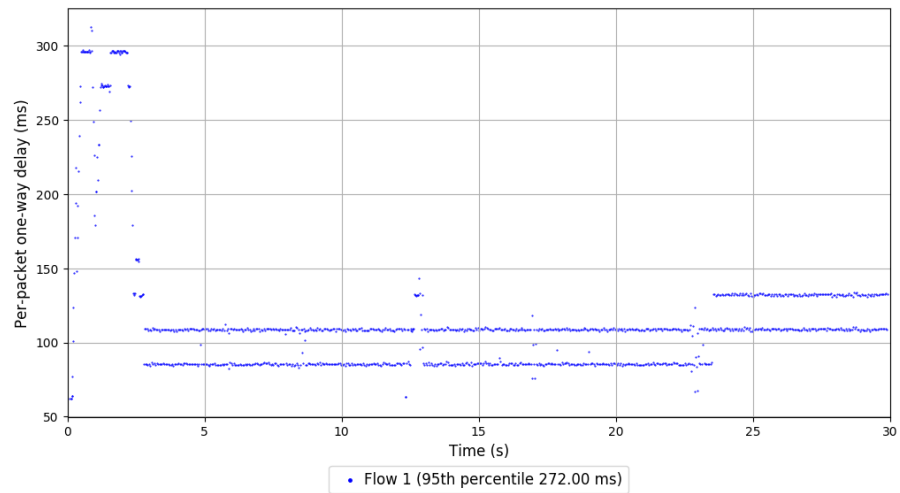
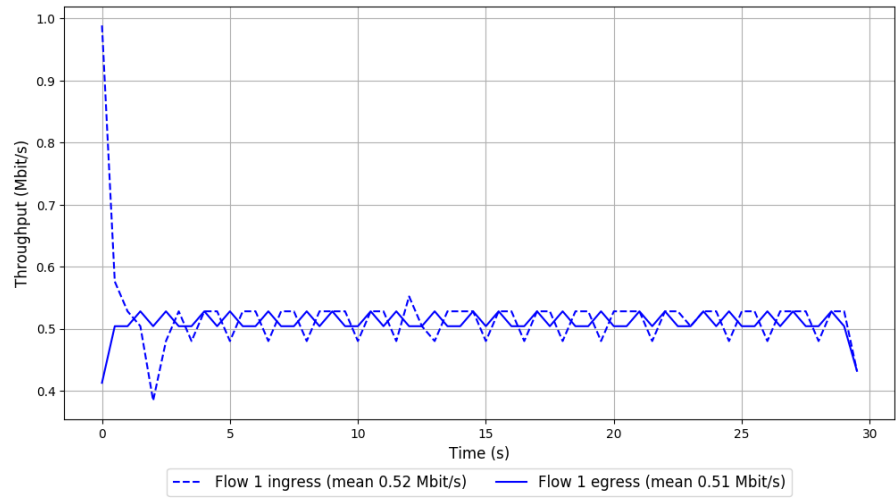
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 272.000 ms

Loss rate: 1.70%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:37:13 +0000

End at: Sun, 16 Jul 2017 23:37:43 +0000

Local clock offset: -1.59 ms

Remote clock offset: 3.936 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 267.392 ms

Loss rate: 1.70%

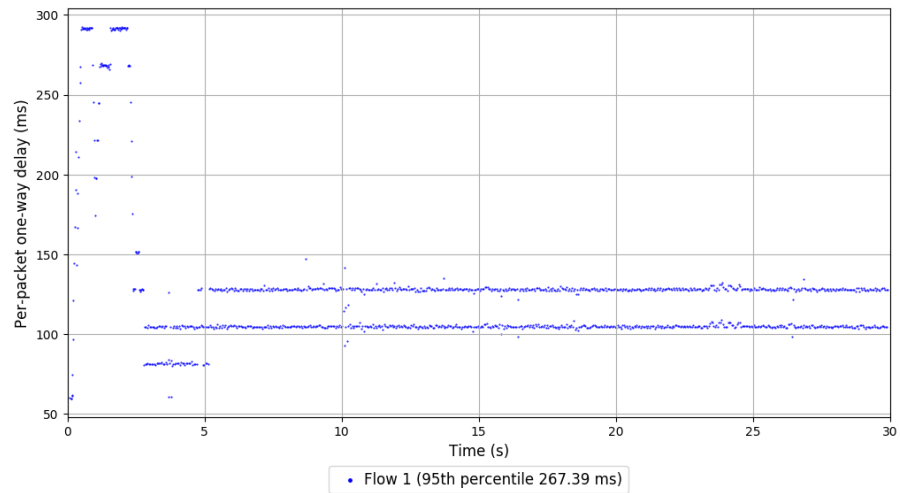
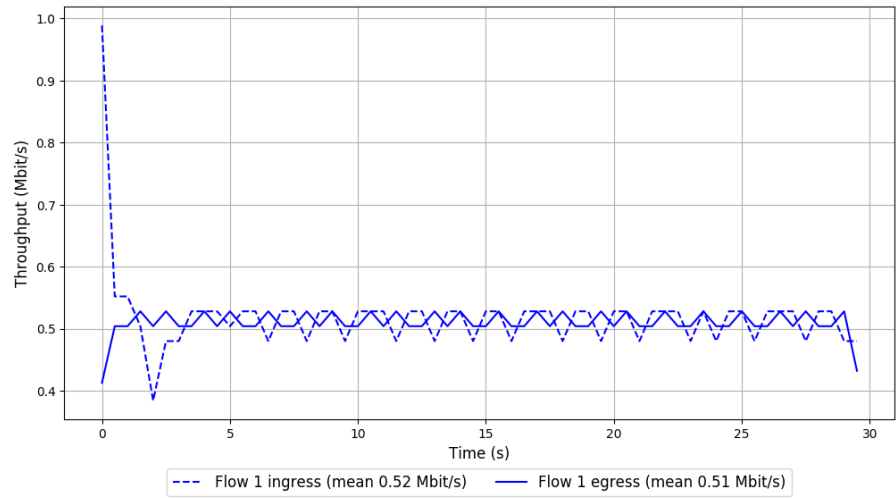
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 267.392 ms

Loss rate: 1.70%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 23:54:44 +0000

End at: Sun, 16 Jul 2017 23:55:14 +0000

Local clock offset: -1.781 ms

Remote clock offset: 3.395 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 226.016 ms

Loss rate: 1.70%

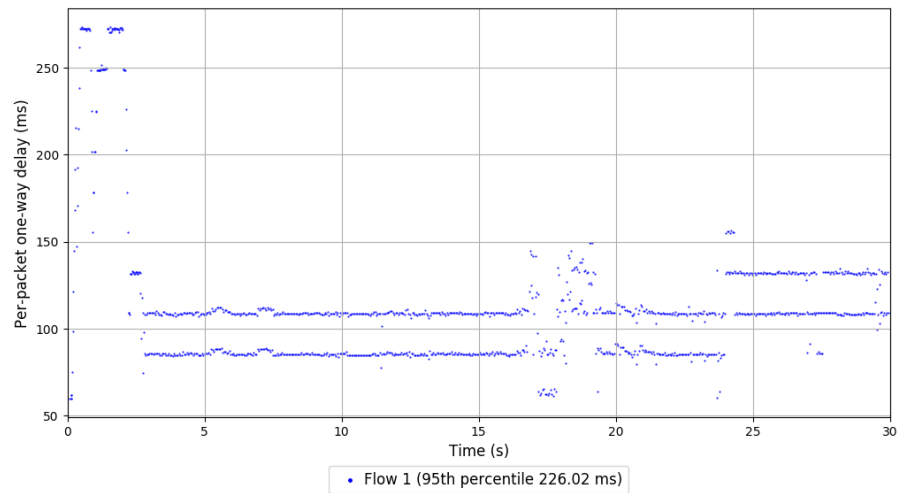
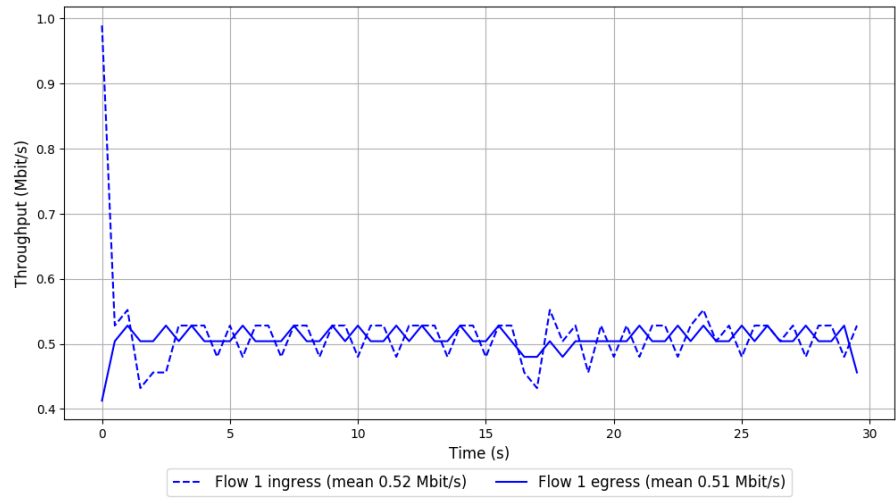
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 226.016 ms

Loss rate: 1.70%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Mon, 17 Jul 2017 00:11:47 +0000

End at: Mon, 17 Jul 2017 00:12:17 +0000

Local clock offset: -1.343 ms

Remote clock offset: 3.636 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:08 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 267.037 ms

Loss rate: 1.77%

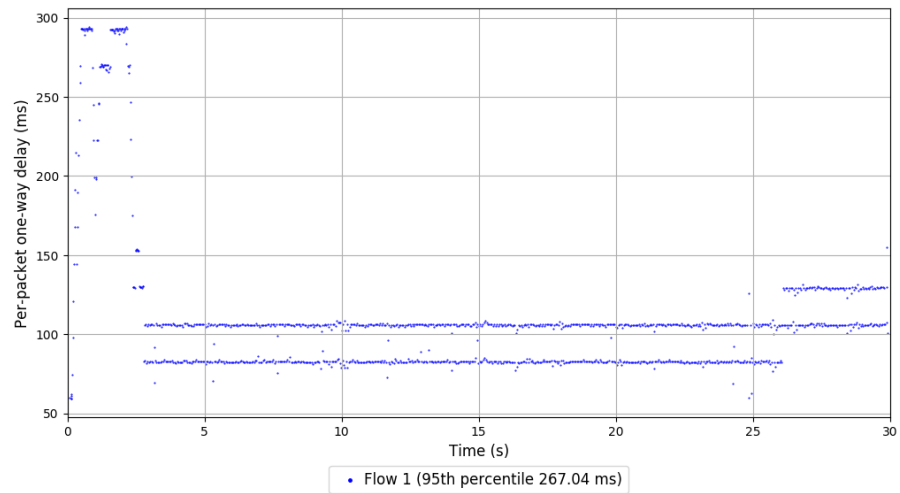
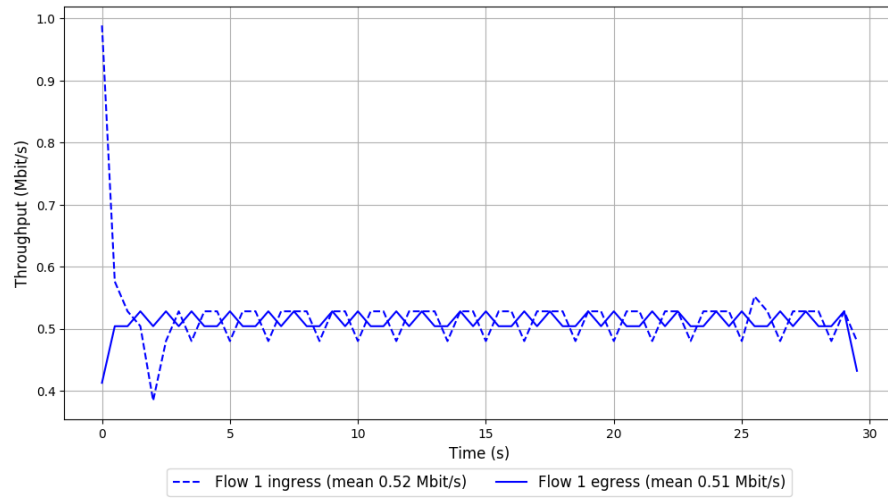
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 267.037 ms

Loss rate: 1.77%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: Mon, 17 Jul 2017 00:28:47 +0000

End at: Mon, 17 Jul 2017 00:29:17 +0000

Local clock offset: 1.683 ms

Remote clock offset: 3.932 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 218.835 ms

Loss rate: 1.77%

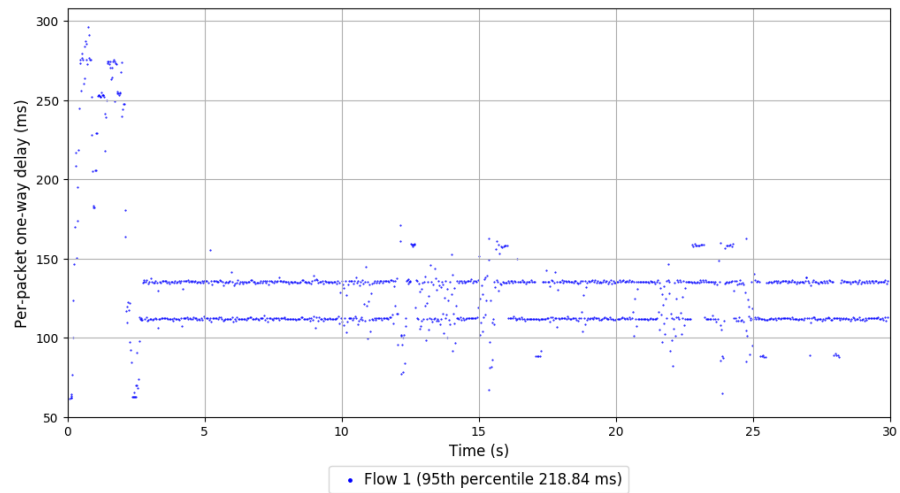
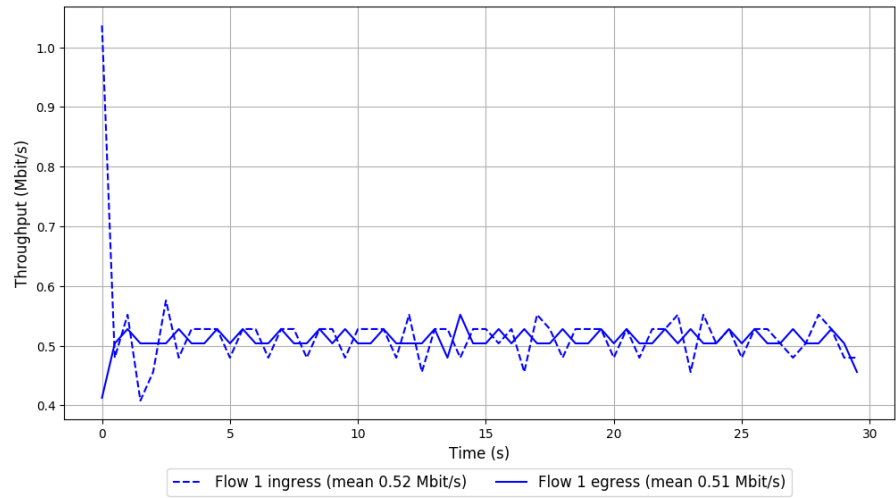
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 218.835 ms

Loss rate: 1.77%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Mon, 17 Jul 2017 00:45:51 +0000

End at: Mon, 17 Jul 2017 00:46:21 +0000

Local clock offset: 0.863 ms

Remote clock offset: 4.098 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 229.212 ms

Loss rate: 1.70%

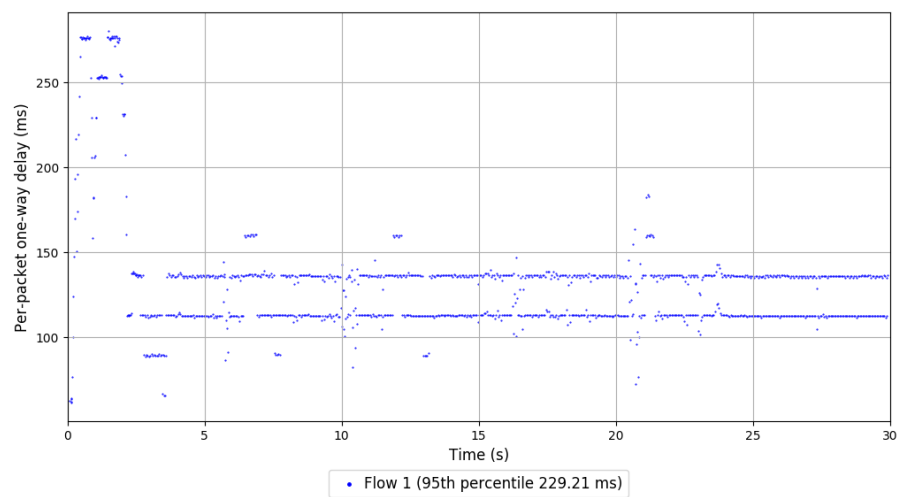
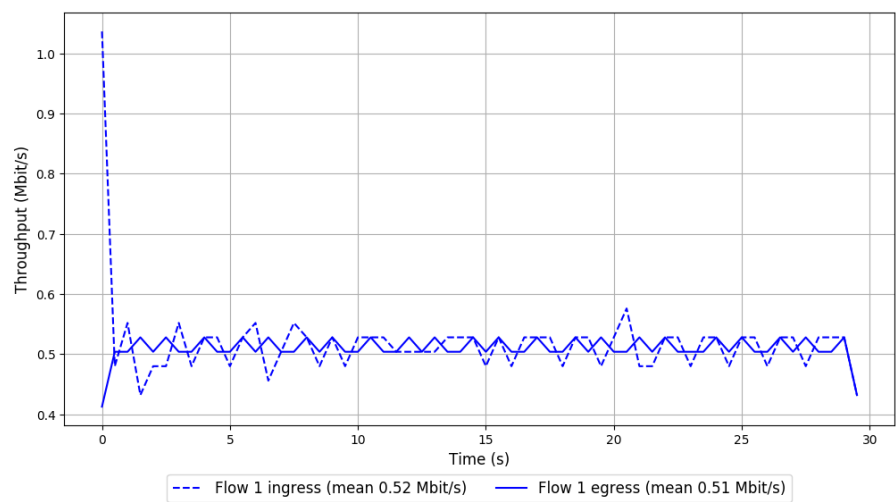
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 229.212 ms

Loss rate: 1.70%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:12:56 +0000

End at: Sun, 16 Jul 2017 22:13:26 +0000

Local clock offset: 1.32 ms

Remote clock offset: 3.494 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.242 ms

Loss rate: 20.19%

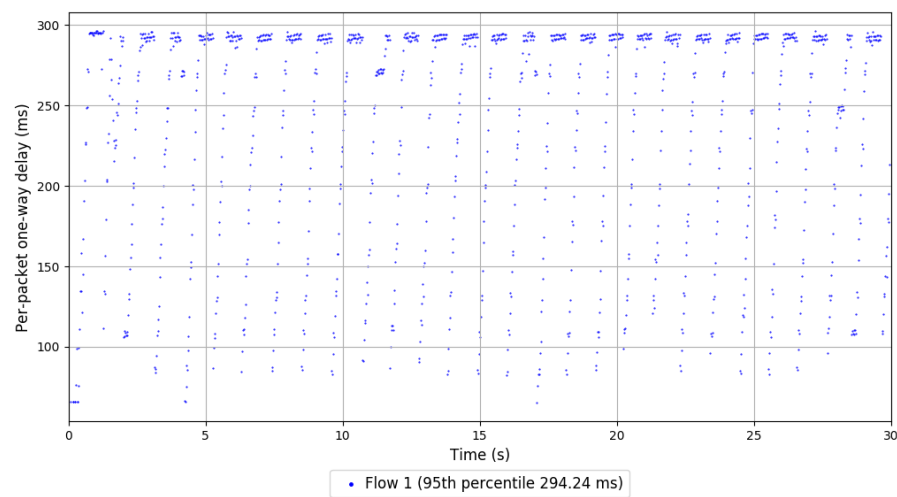
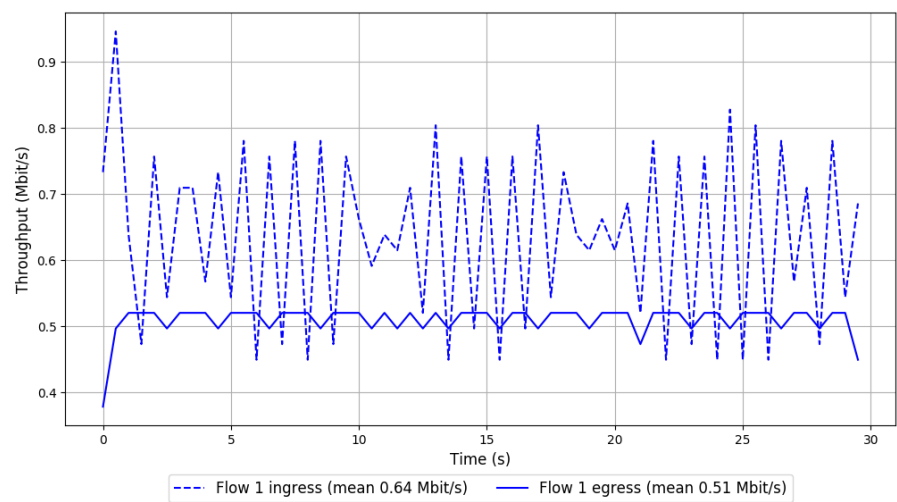
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 294.242 ms

Loss rate: 20.19%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:30:10 +0000

End at: Sun, 16 Jul 2017 22:30:40 +0000

Local clock offset: 1.357 ms

Remote clock offset: 3.824 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:10 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 290.721 ms

Loss rate: 19.23%

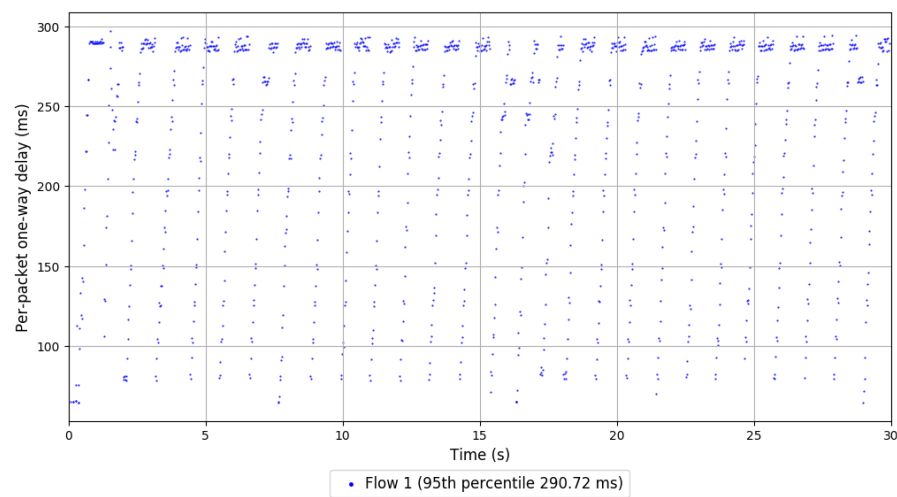
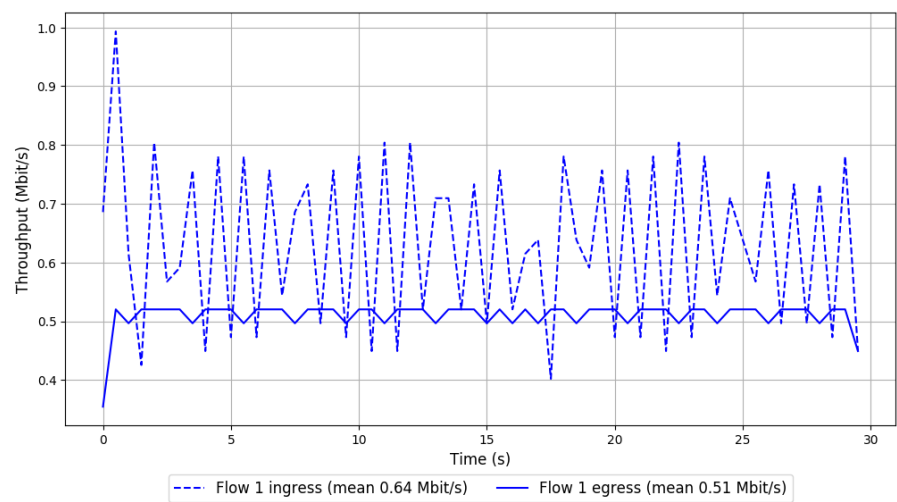
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 290.721 ms

Loss rate: 19.23%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sun, 16 Jul 2017 22:47:12 +0000

End at: Sun, 16 Jul 2017 22:47:42 +0000

Local clock offset: -0.917 ms

Remote clock offset: 4.278 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 288.204 ms

Loss rate: 19.53%

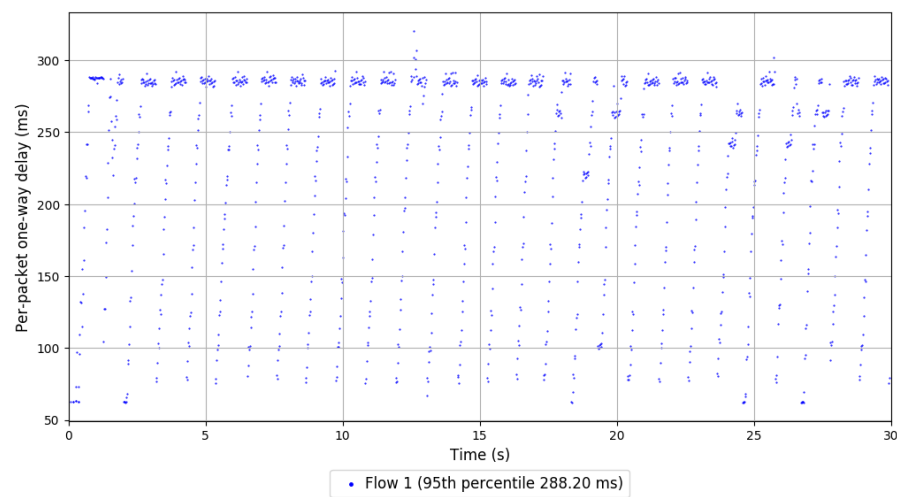
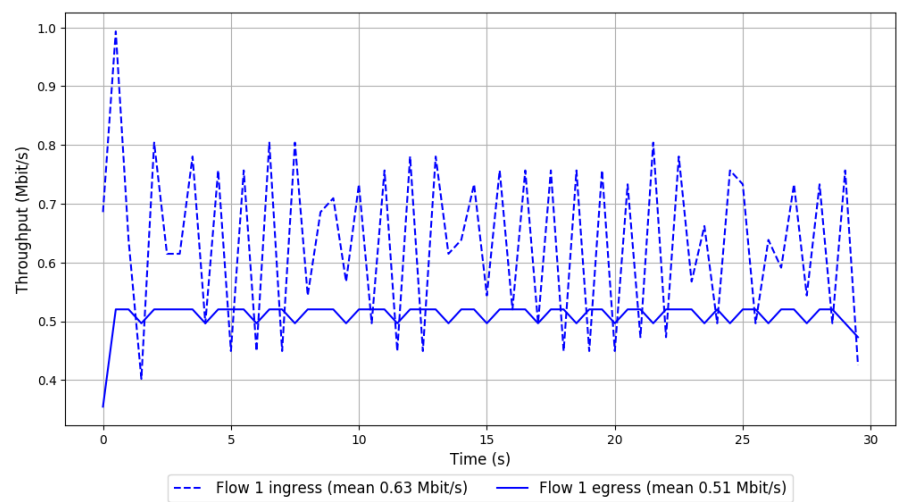
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 288.204 ms

Loss rate: 19.53%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:04:19 +0000

End at: Sun, 16 Jul 2017 23:04:49 +0000

Local clock offset: 0.846 ms

Remote clock offset: 4.797 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 292.026 ms

Loss rate: 20.28%

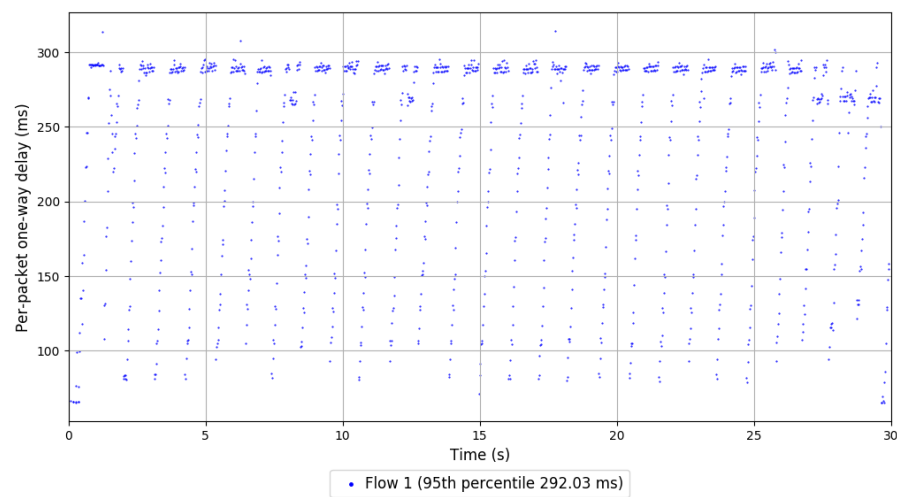
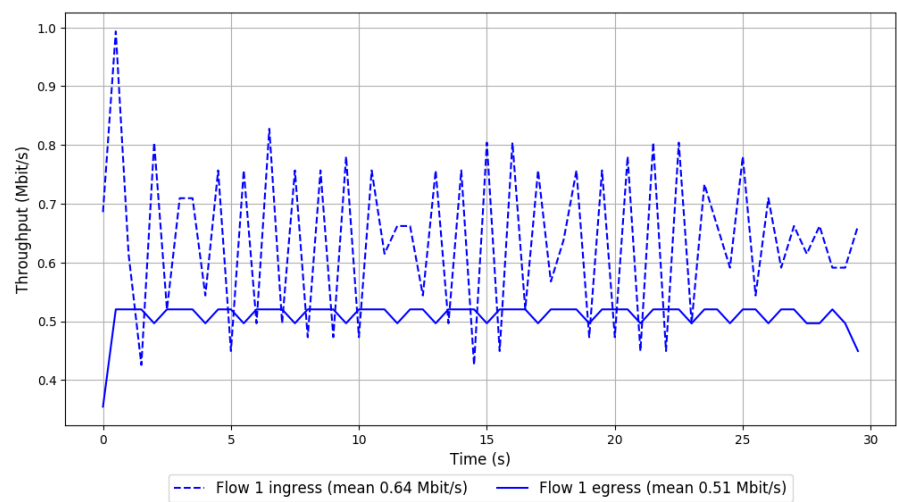
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 292.026 ms

Loss rate: 20.28%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:21:23 +0000

End at: Sun, 16 Jul 2017 23:21:53 +0000

Local clock offset: 0.338 ms

Remote clock offset: 3.156 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:12 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 292.125 ms

Loss rate: 19.76%

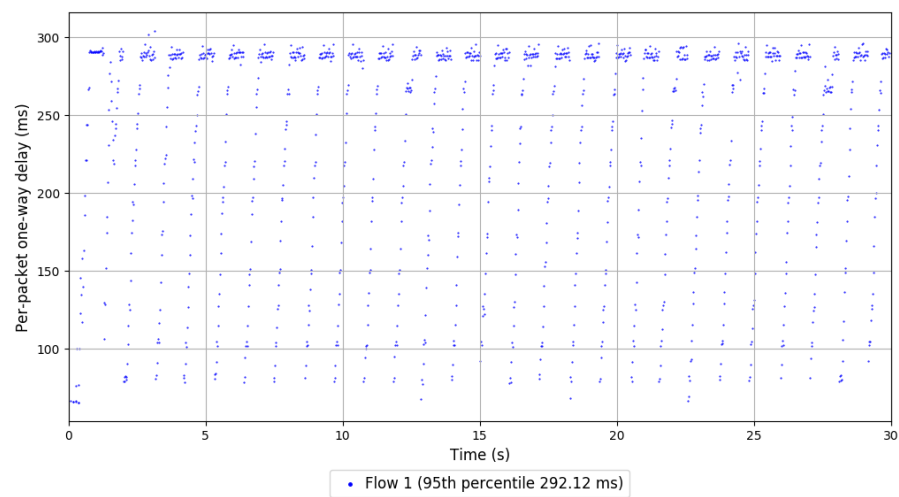
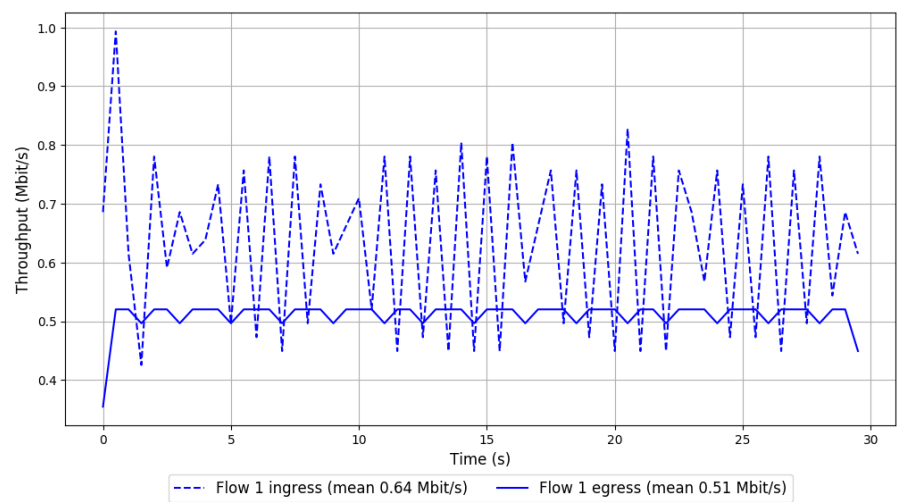
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 292.125 ms

Loss rate: 19.76%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:38:25 +0000

End at: Sun, 16 Jul 2017 23:38:55 +0000

Local clock offset: -1.889 ms

Remote clock offset: 5.859 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 287.563 ms

Loss rate: 20.31%

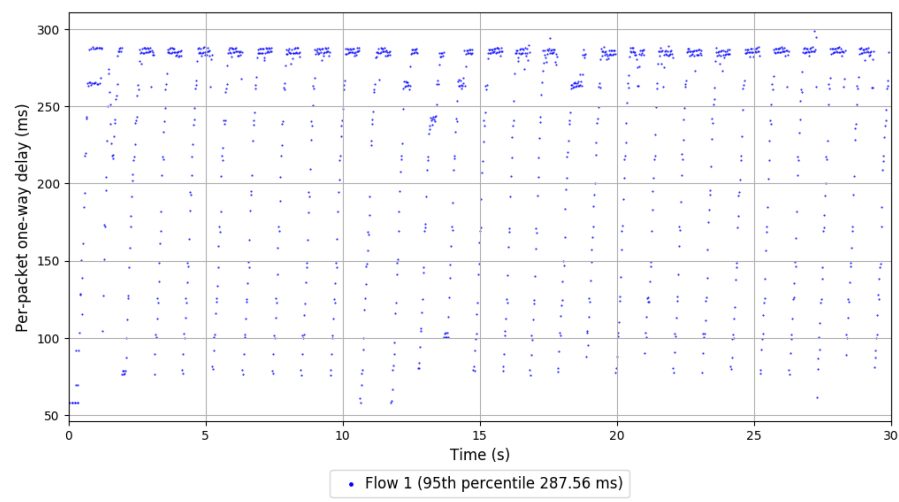
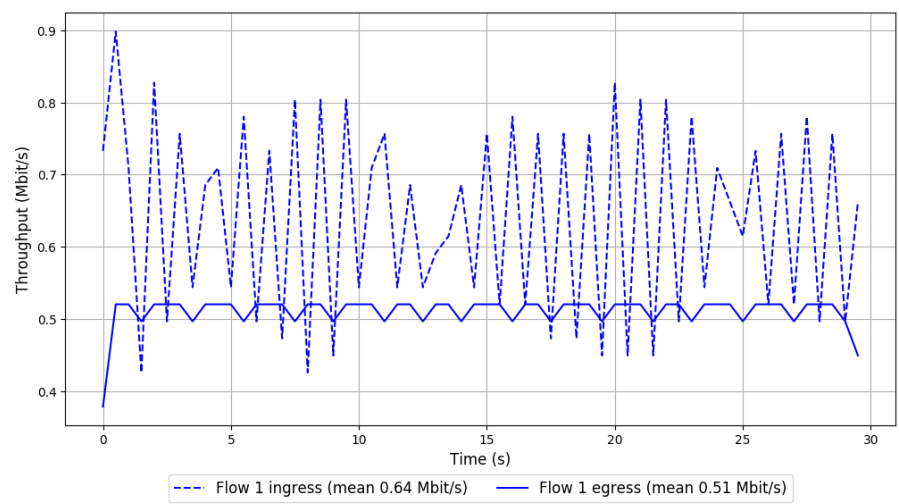
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 287.563 ms

Loss rate: 20.31%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sun, 16 Jul 2017 23:55:56 +0000

End at: Sun, 16 Jul 2017 23:56:26 +0000

Local clock offset: 0.203 ms

Remote clock offset: 3.867 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 290.935 ms

Loss rate: 21.72%

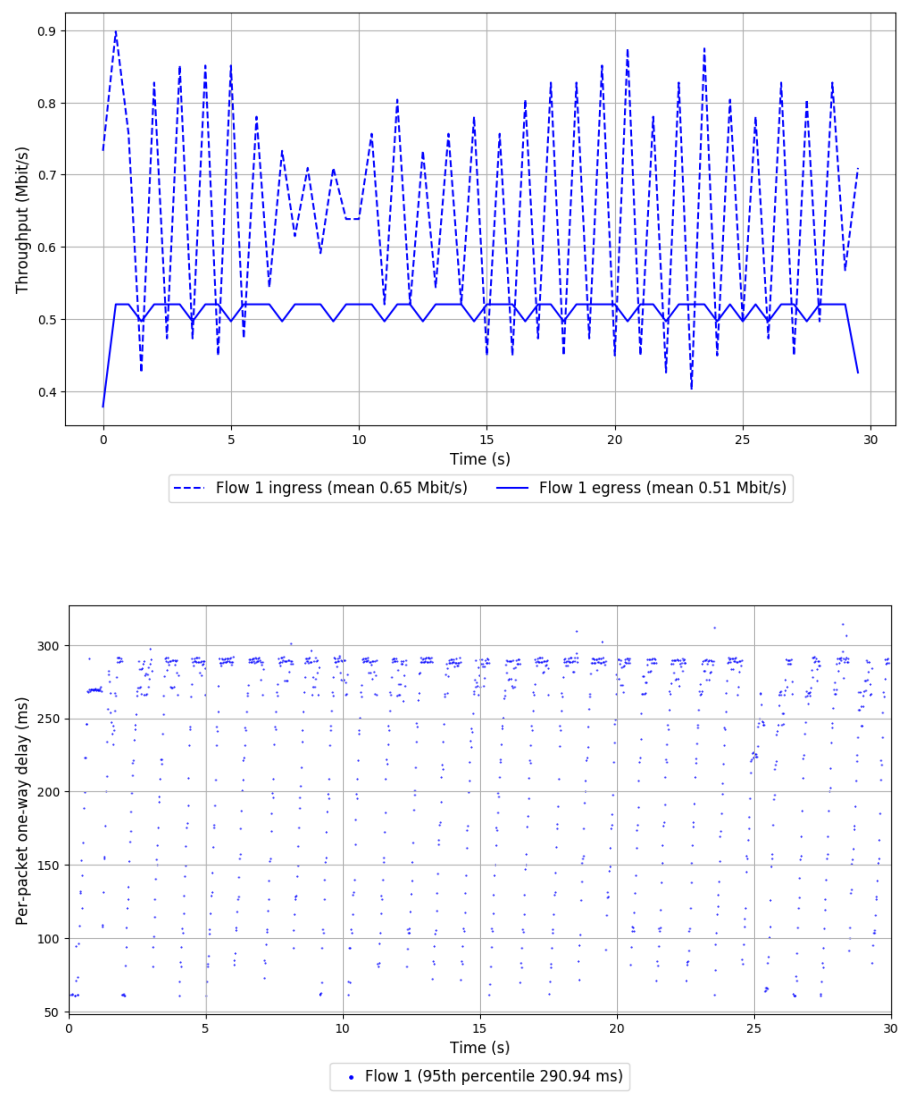
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 290.935 ms

Loss rate: 21.72%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Mon, 17 Jul 2017 00:12:59 +0000

End at: Mon, 17 Jul 2017 00:13:29 +0000

Local clock offset: -0.206 ms

Remote clock offset: 2.57 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 291.005 ms

Loss rate: 20.33%

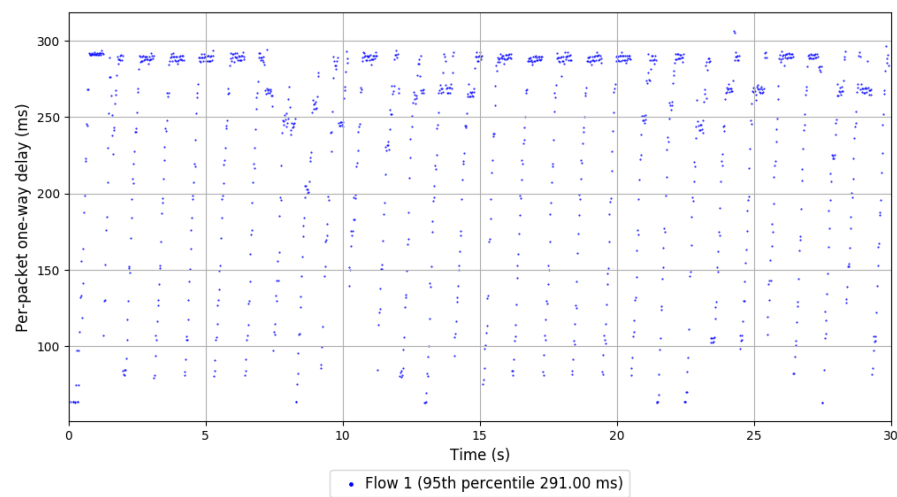
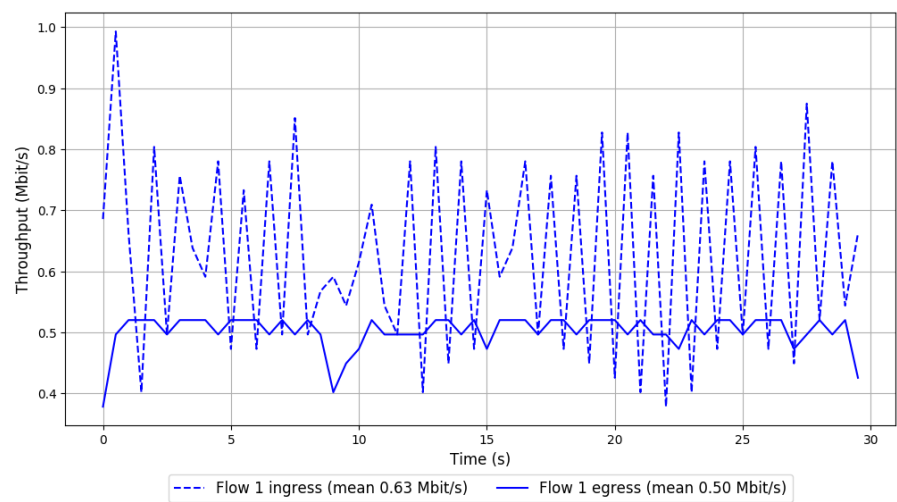
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 291.005 ms

Loss rate: 20.33%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Mon, 17 Jul 2017 00:29:59 +0000

End at: Mon, 17 Jul 2017 00:30:29 +0000

Local clock offset: -1.871 ms

Remote clock offset: 5.312 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 285.196 ms

Loss rate: 19.18%

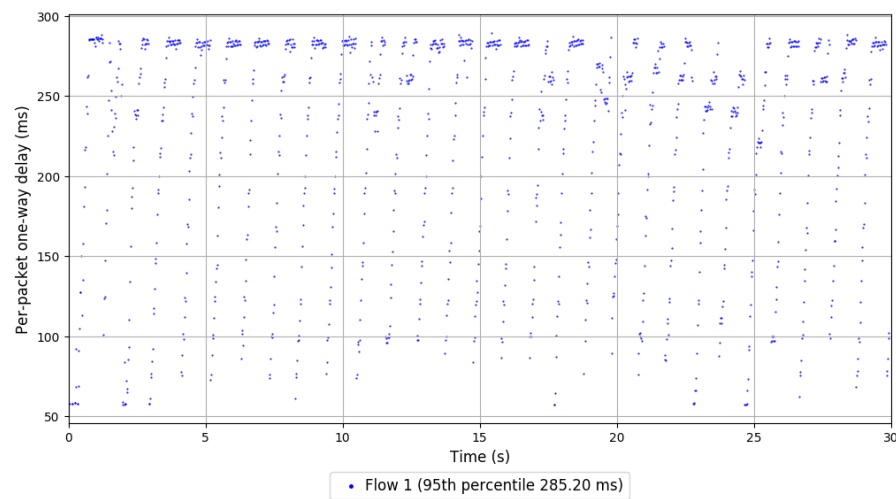
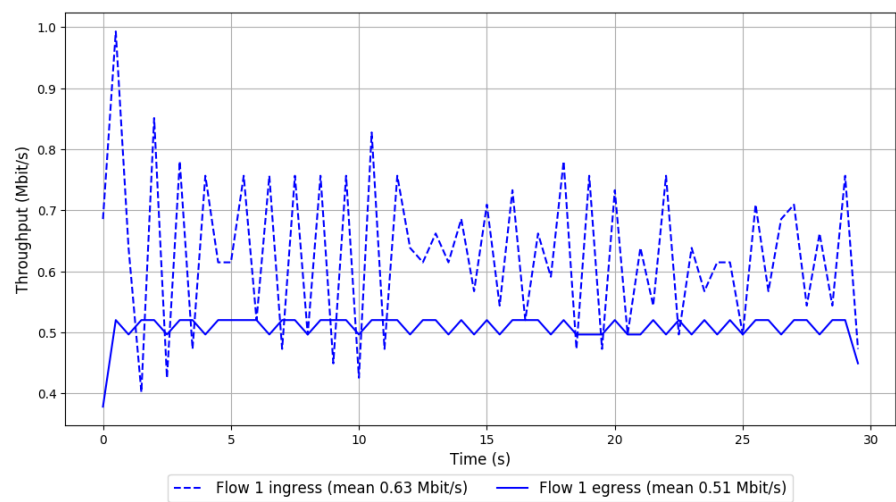
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 285.196 ms

Loss rate: 19.18%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Mon, 17 Jul 2017 00:47:03 +0000

End at: Mon, 17 Jul 2017 00:47:33 +0000

Local clock offset: -0.489 ms

Remote clock offset: 3.704 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 288.678 ms

Loss rate: 21.15%

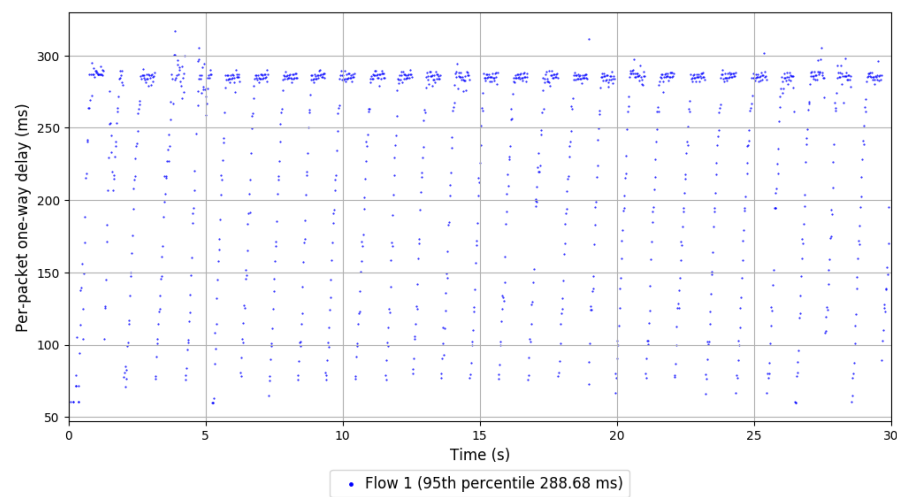
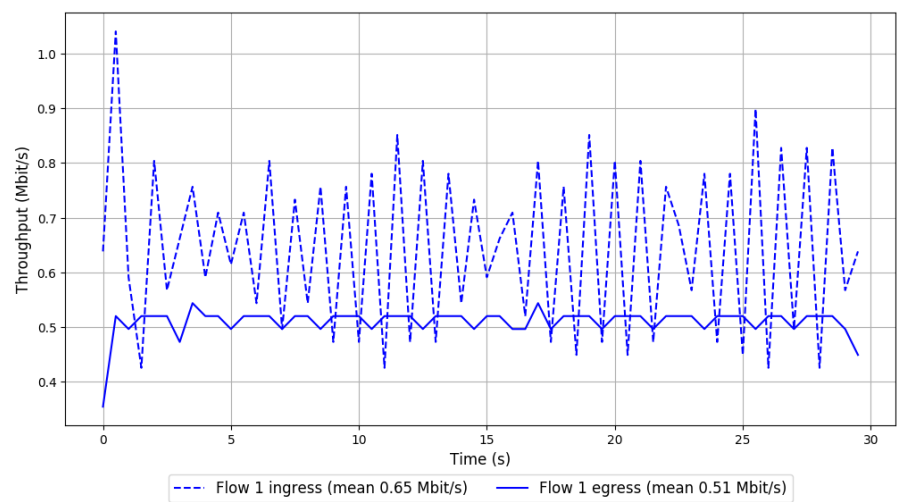
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 288.678 ms

Loss rate: 21.15%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 22:14:09 +0000

End at: Sun, 16 Jul 2017 22:14:39 +0000

Local clock offset: -0.721 ms

Remote clock offset: 4.175 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 247.988 ms

Loss rate: 10.00%

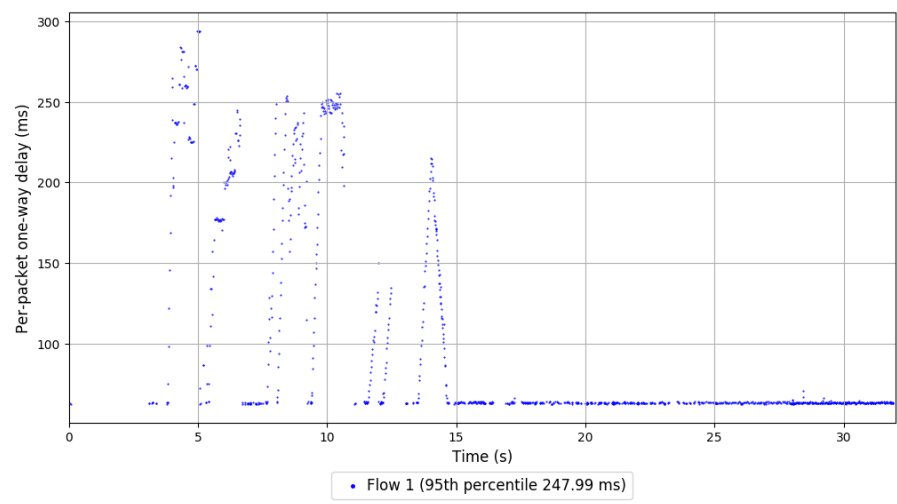
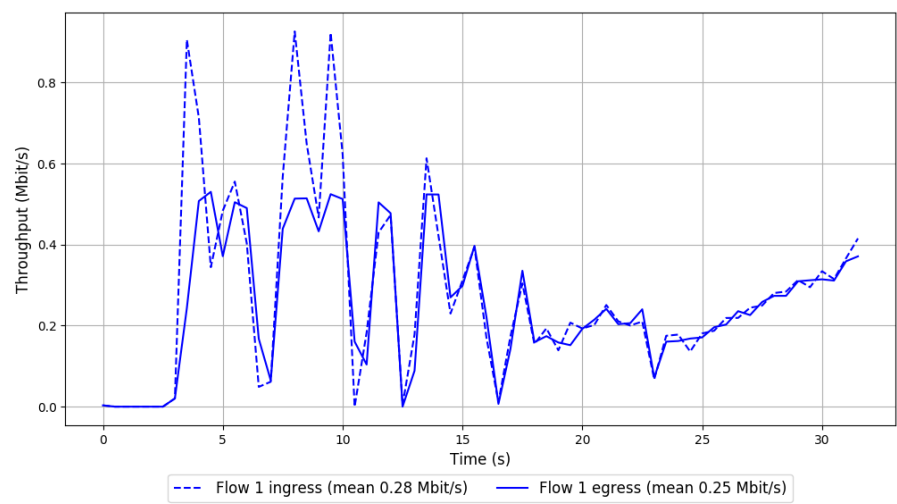
-- Flow 1:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 247.988 ms

Loss rate: 10.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 22:31:23 +0000

End at: Sun, 16 Jul 2017 22:31:53 +0000

Local clock offset: 1.334 ms

Remote clock offset: 3.559 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 248.786 ms

Loss rate: 8.39%

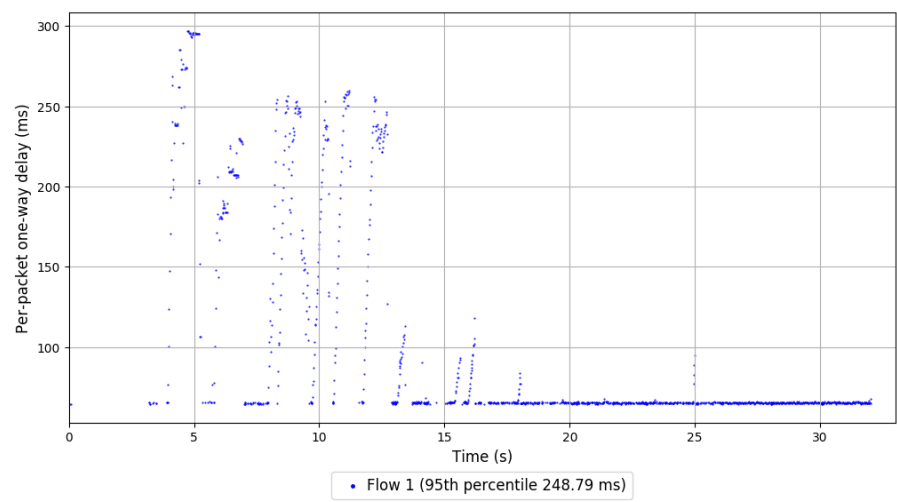
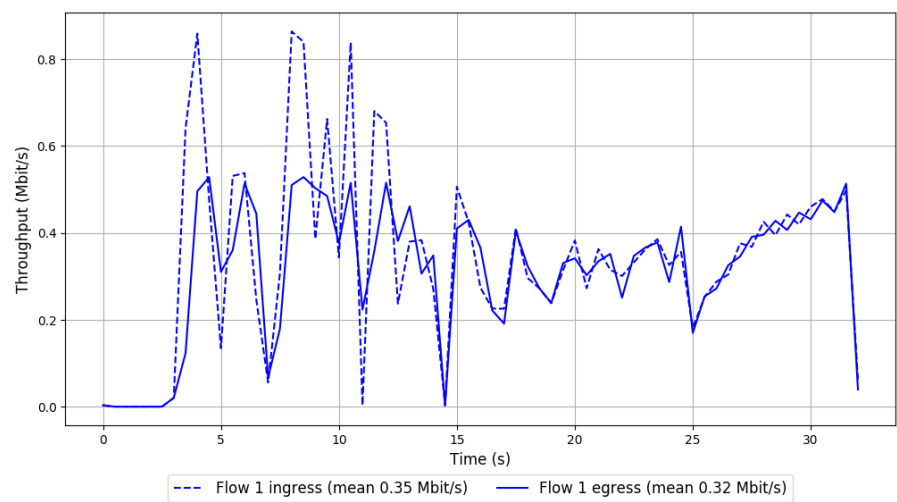
-- Flow 1:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 248.786 ms

Loss rate: 8.39%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 22:48:24 +0000

End at: Sun, 16 Jul 2017 22:48:54 +0000

Local clock offset: -0.513 ms

Remote clock offset: 3.186 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 247.464 ms

Loss rate: 9.49%

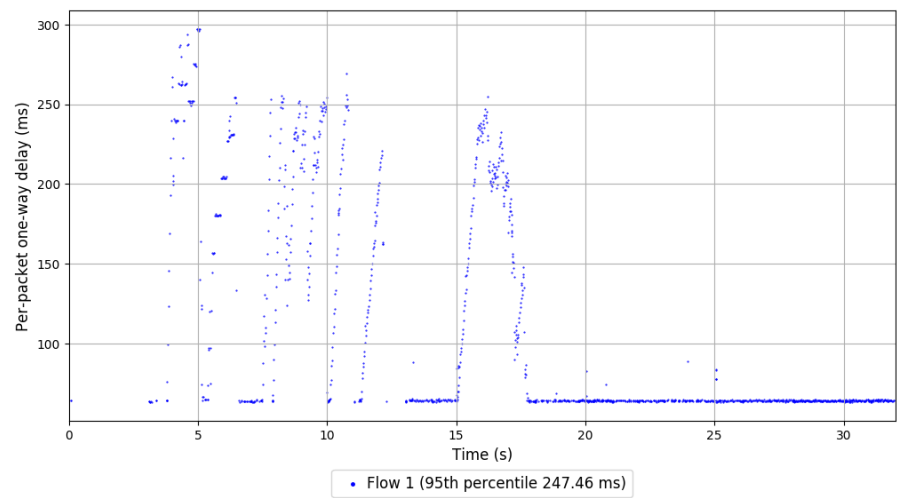
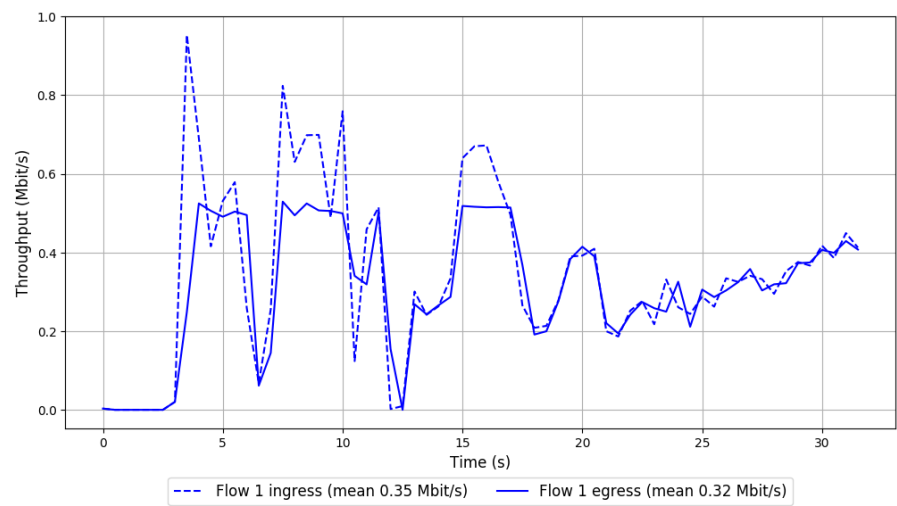
-- Flow 1:

Average throughput: 0.32 Mbit/s

95th percentile per-packet one-way delay: 247.464 ms

Loss rate: 9.49%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:05:33 +0000

End at: Sun, 16 Jul 2017 23:06:03 +0000

Local clock offset: -0.923 ms

Remote clock offset: 3.404 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:17 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 252.951 ms

Loss rate: 17.10%

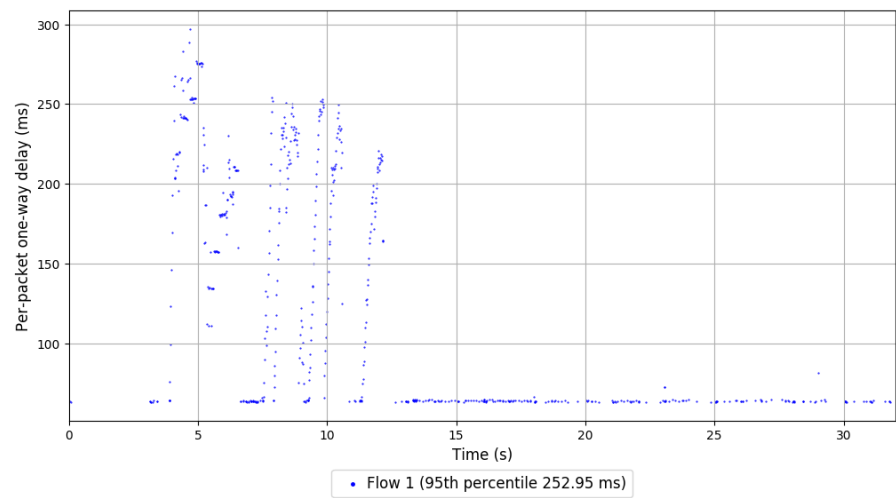
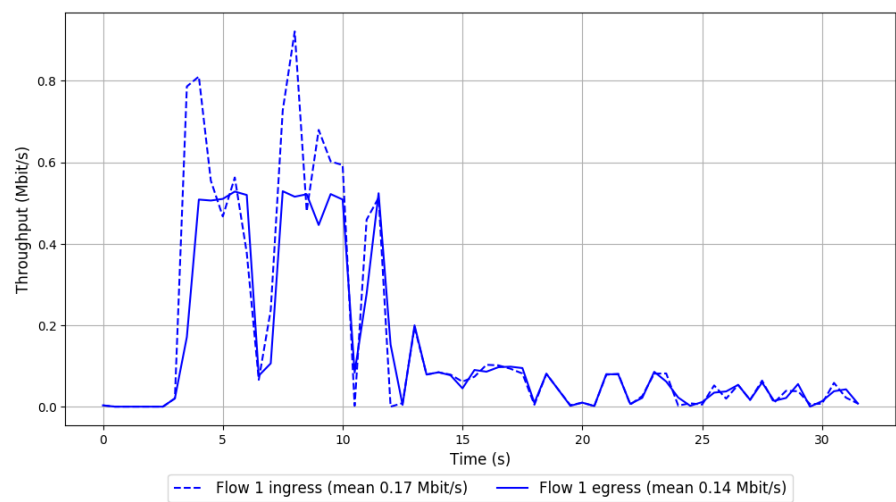
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 252.951 ms

Loss rate: 17.10%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:22:36 +0000

End at: Sun, 16 Jul 2017 23:23:06 +0000

Local clock offset: 1.317 ms

Remote clock offset: 3.434 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 243.827 ms

Loss rate: 8.16%

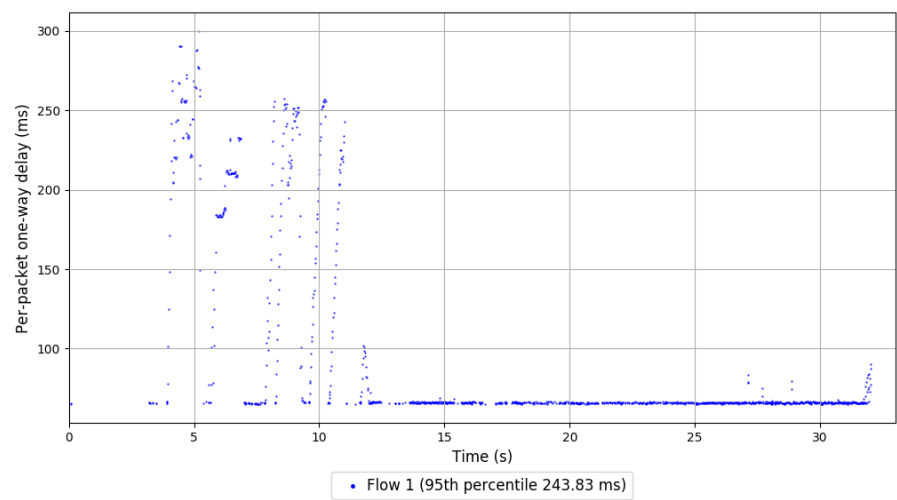
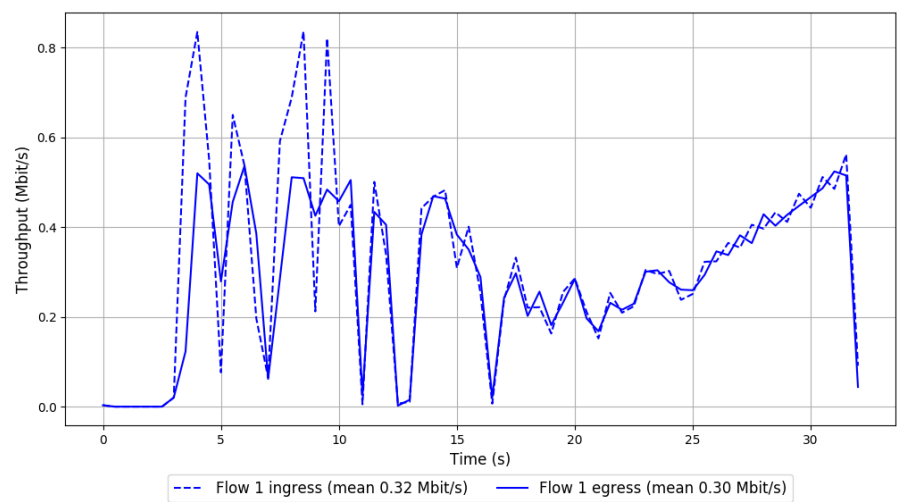
-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 243.827 ms

Loss rate: 8.16%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:39:39 +0000

End at: Sun, 16 Jul 2017 23:40:09 +0000

Local clock offset: 2.021 ms

Remote clock offset: 6.534 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:18 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 243.963 ms

Loss rate: 7.76%

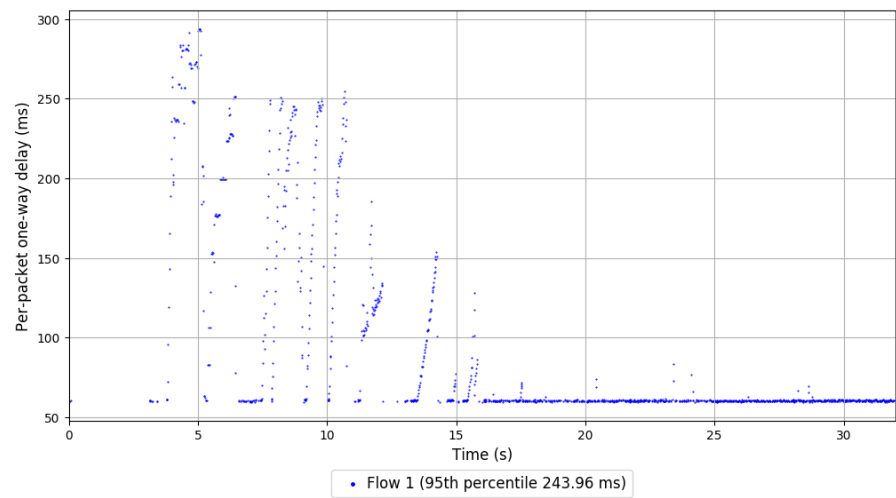
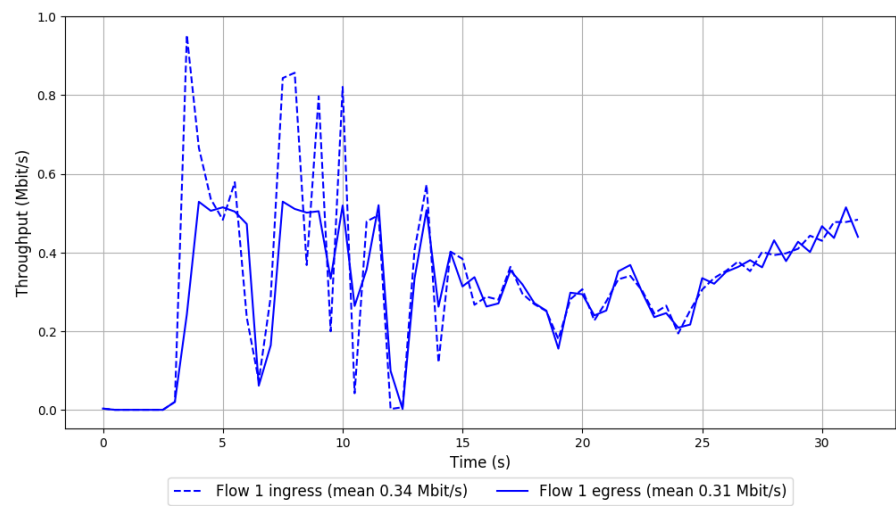
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 243.963 ms

Loss rate: 7.76%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 23:57:16 +0000

End at: Sun, 16 Jul 2017 23:57:46 +0000

Local clock offset: 2.86 ms

Remote clock offset: 4.58 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 249.995 ms

Loss rate: 7.48%

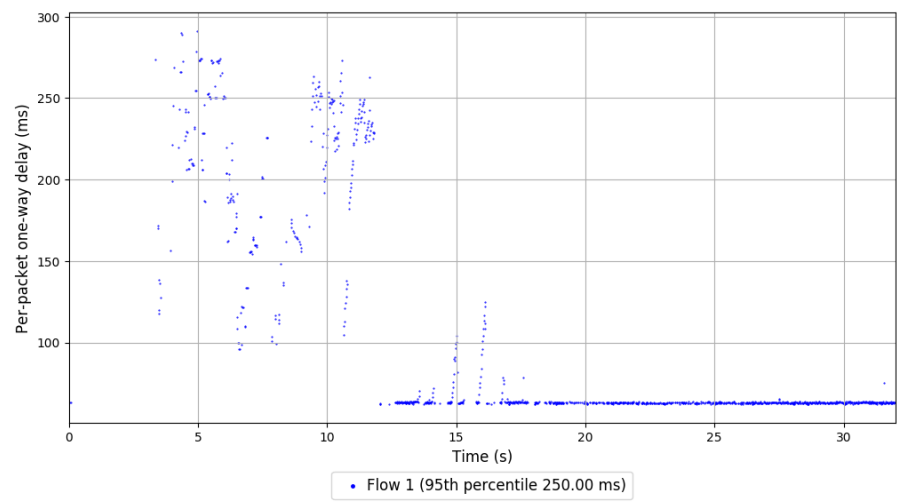
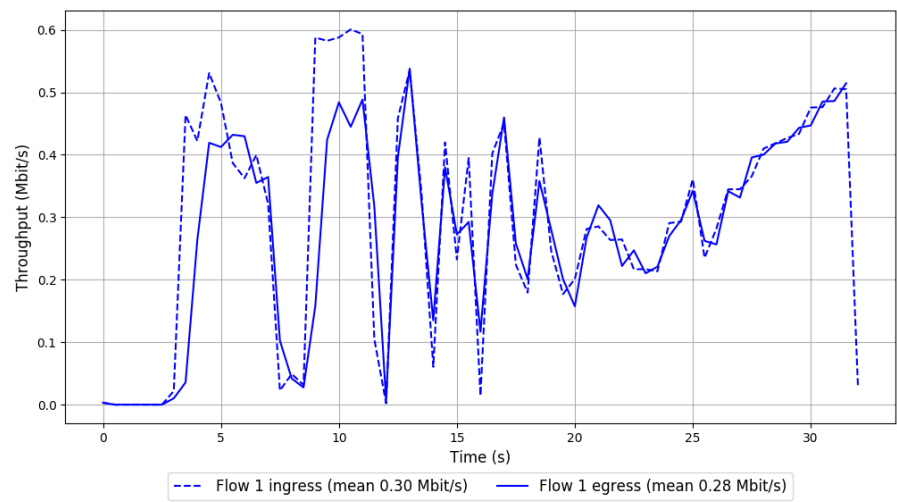
-- Flow 1:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 249.995 ms

Loss rate: 7.48%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:14:11 +0000

End at: Mon, 17 Jul 2017 00:14:41 +0000

Local clock offset: 0.945 ms

Remote clock offset: 4.157 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:19 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 243.362 ms

Loss rate: 11.45%

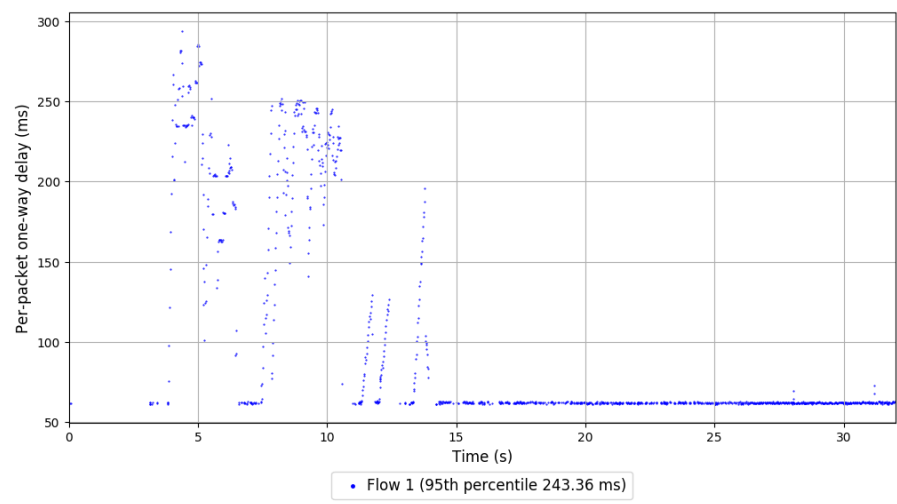
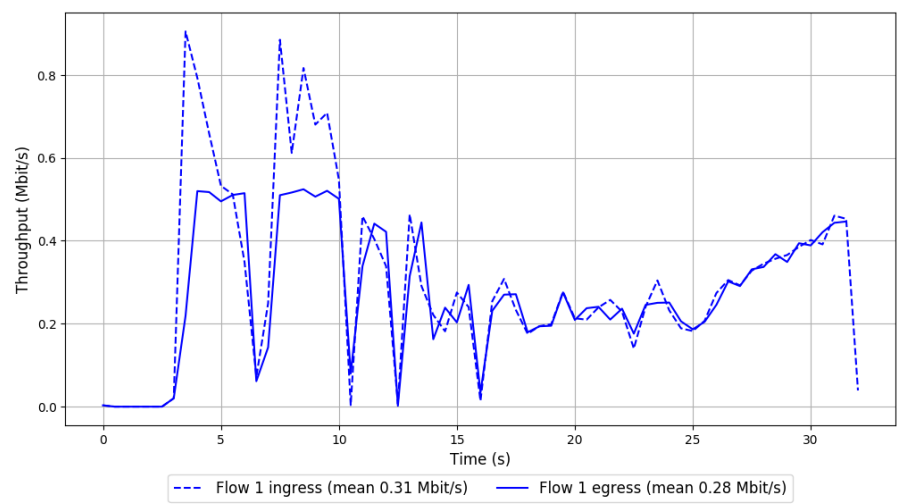
-- Flow 1:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 243.362 ms

Loss rate: 11.45%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:31:11 +0000

End at: Mon, 17 Jul 2017 00:31:41 +0000

Local clock offset: -1.95 ms

Remote clock offset: 1.178 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 237.458 ms

Loss rate: 8.34%

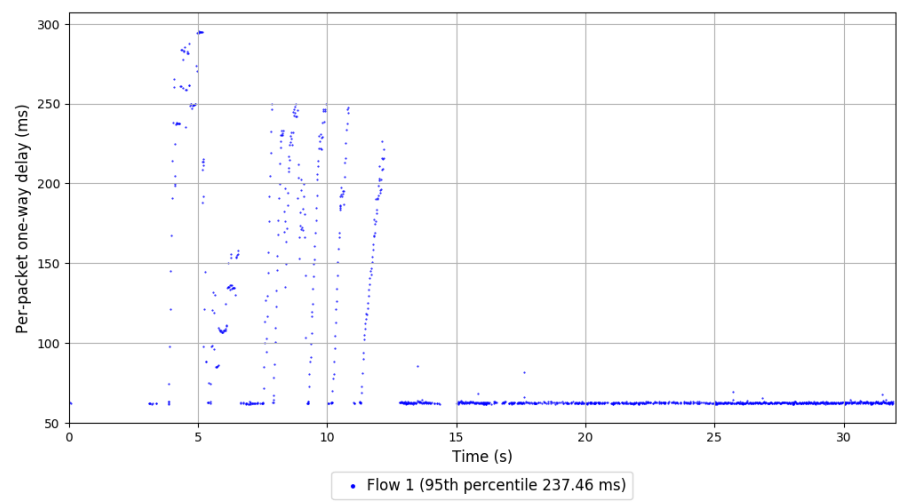
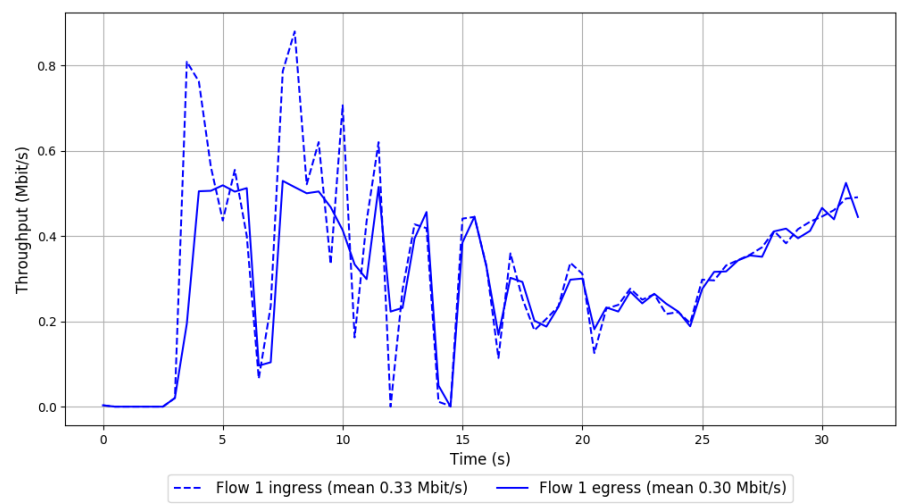
-- Flow 1:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 237.458 ms

Loss rate: 8.34%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Mon, 17 Jul 2017 00:48:16 +0000

End at: Mon, 17 Jul 2017 00:48:46 +0000

Local clock offset: 1.519 ms

Remote clock offset: 3.498 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:52:20 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 245.718 ms

Loss rate: 13.24%

-- Flow 1:

Average throughput: 0.15 Mbit/s

95th percentile per-packet one-way delay: 245.718 ms

Loss rate: 13.24%

Run 10: Report of WebRTC media — Data Link

