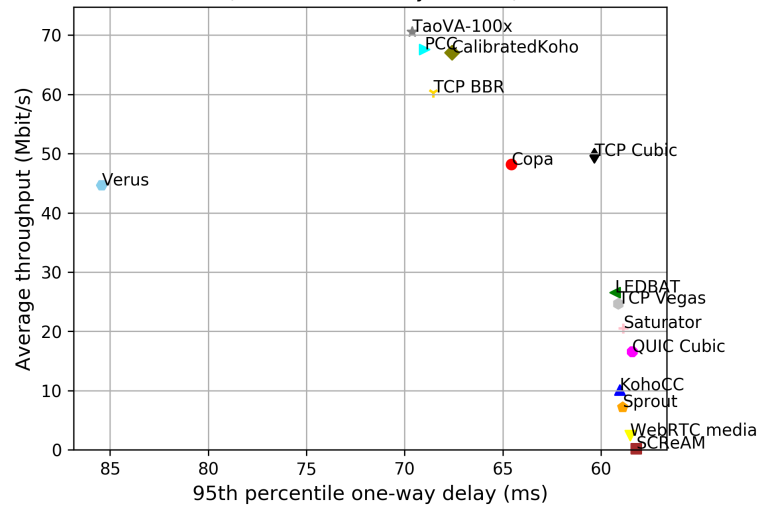


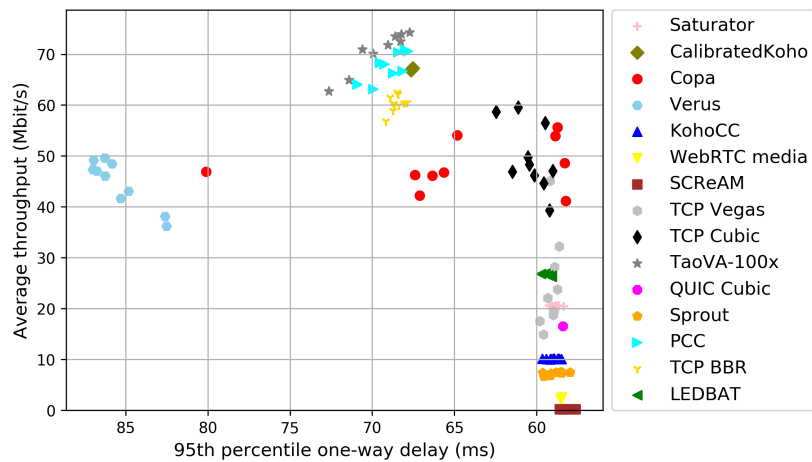
**Pantheon Summary** (Generated at Tue, 25 Jul 2017 02:34:35 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).  
NTP offset measured against gps.ntp.br and has been applied to correct the timestamps in logs.

```
git branch: master @ 266b116f0817a07d000b4d181ce187fd27d3e654
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Colombia Ethernet to AWS Brazil 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
TCP BBR	10	60.28	68.54	5.99
CalibratedKoho	10	67.08	67.59	2.96
Copa	10	48.17	64.56	4.08
TCP Cubic	10	49.68	60.35	0.91
KohoCC	10	10.12	59.04	0.39
LEDBAT	10	26.58	59.29	0.77
PCC	10	67.60	68.98	3.79
QUIC Cubic	10	16.56	58.42	0.01
Saturator	10	20.52	58.86	0.40
SCReAM	10	0.22	58.20	0.30
Sprout	10	7.22	58.90	0.44
TaoVA-100x	10	70.53	69.61	13.75
TCP Vegas	10	24.68	59.12	0.86
Verus	10	44.66	85.42	71.20
WebRTC media	10	2.42	58.51	0.45

Run 1: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:03:00 +0000

End at: Mon, 24 Jul 2017 23:03:30 +0000

Local clock offset: 0.37 ms

Remote clock offset: 2.153 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.36 Mbit/s

95th percentile per-packet one-way delay: 68.063 ms

Loss rate: 6.11%

-- Flow 1:

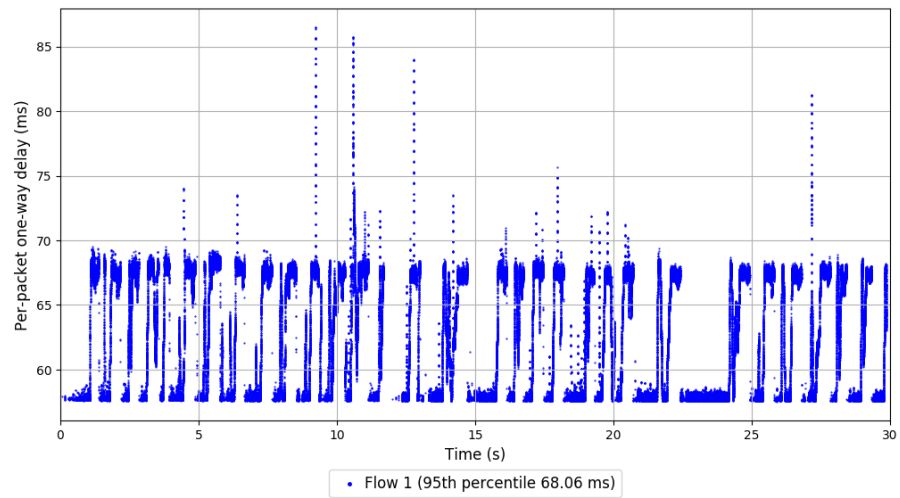
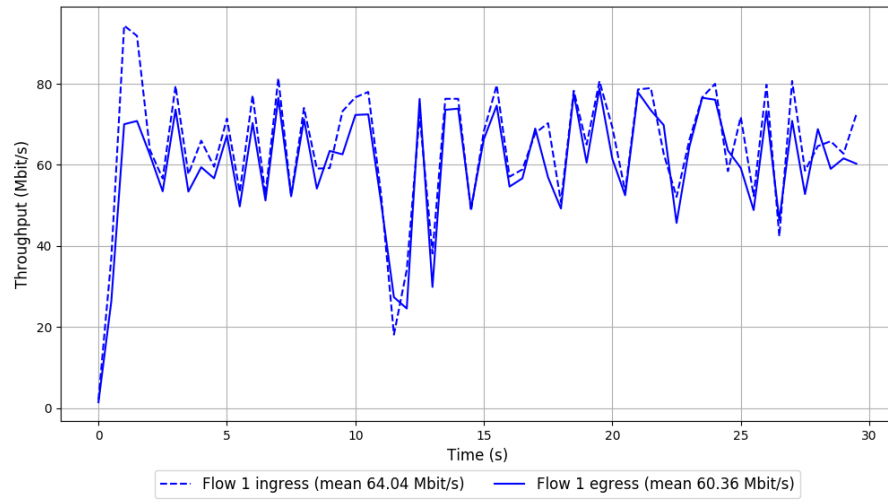
Average throughput: 60.36 Mbit/s

95th percentile per-packet one-way delay: 68.063 ms

Loss rate: 6.11%



# Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:20:53 +0000

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

Local clock offset: 0.467 ms

Remote clock offset: 1.37 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.11 Mbit/s

95th percentile per-packet one-way delay: 68.424 ms

Loss rate: 5.72%

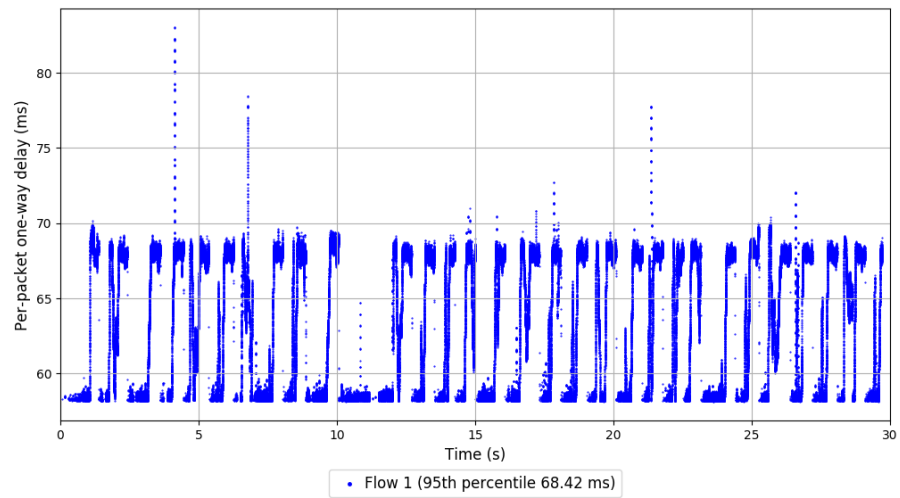
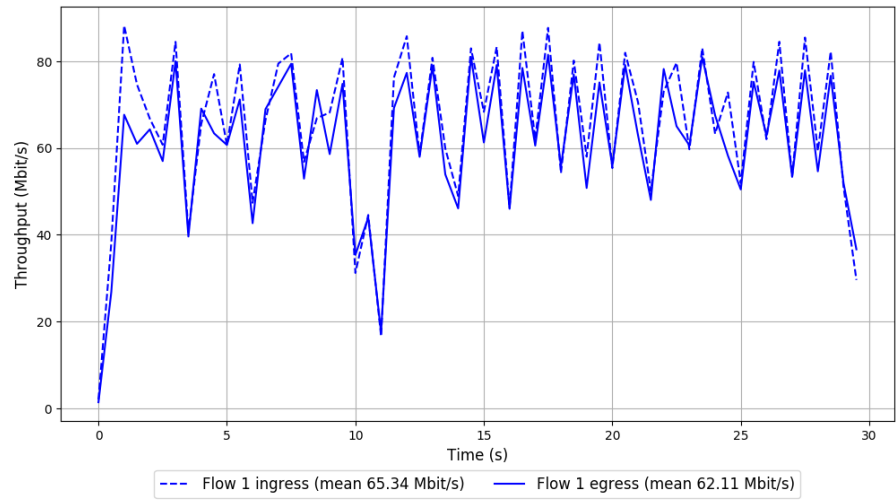
-- Flow 1:

Average throughput: 62.11 Mbit/s

95th percentile per-packet one-way delay: 68.424 ms

Loss rate: 5.72%

## Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:38:47 +0000

End at: Mon, 24 Jul 2017 23:39:17 +0000

Local clock offset: 0.548 ms

Remote clock offset: 0.553 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.90 Mbit/s

95th percentile per-packet one-way delay: 68.748 ms

Loss rate: 6.46%

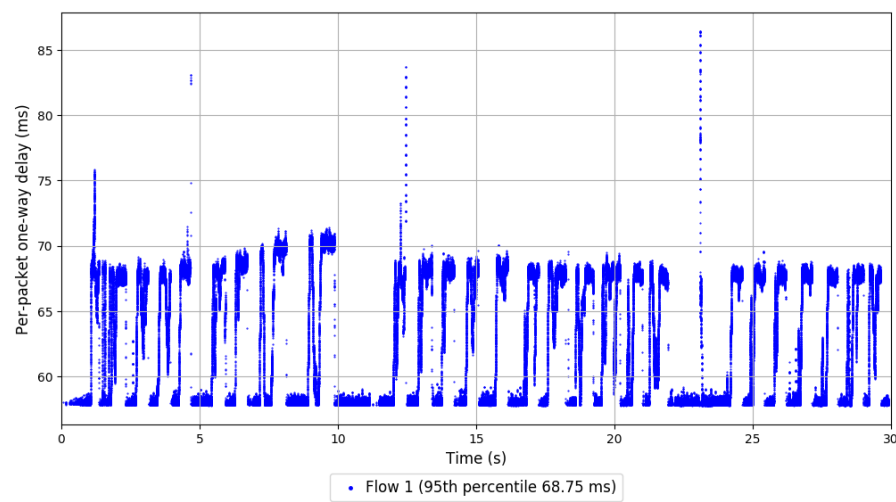
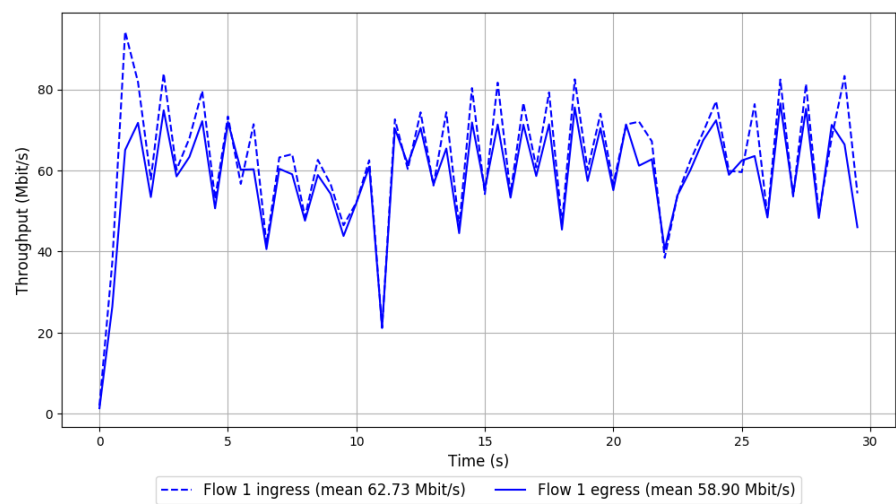
-- Flow 1:

Average throughput: 58.90 Mbit/s

95th percentile per-packet one-way delay: 68.748 ms

Loss rate: 6.46%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:56:46 +0000

End at: Mon, 24 Jul 2017 23:57:16 +0000

Local clock offset: 0.581 ms

Remote clock offset: -0.111 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.52 Mbit/s

95th percentile per-packet one-way delay: 68.478 ms

Loss rate: 4.39%

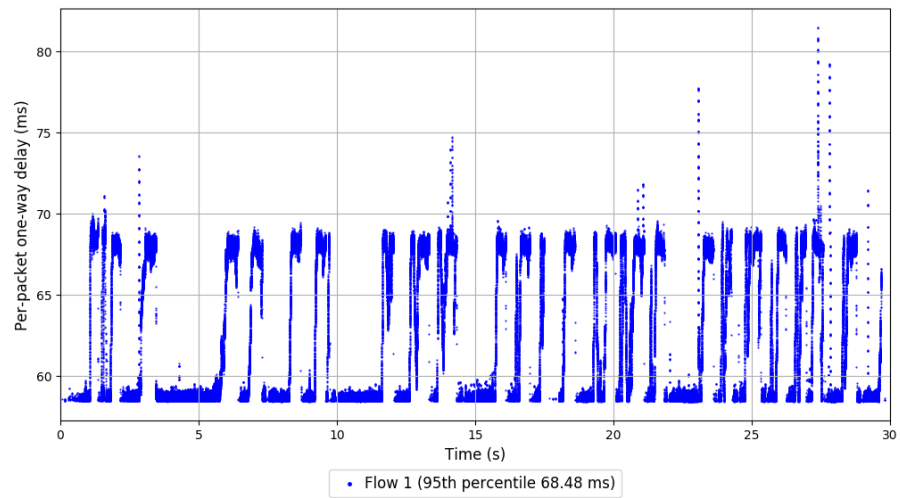
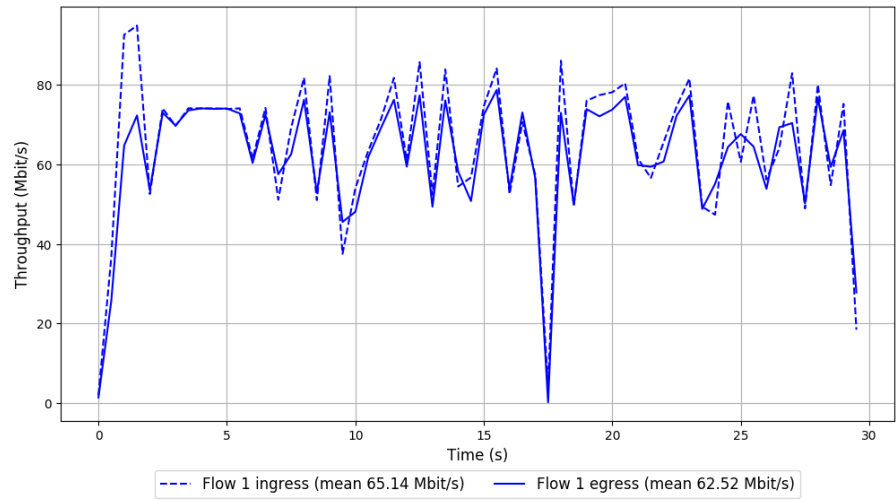
-- Flow 1:

Average throughput: 62.52 Mbit/s

95th percentile per-packet one-way delay: 68.478 ms

Loss rate: 4.39%

#### Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:14:38 +0000

End at: Tue, 25 Jul 2017 00:15:08 +0000

Local clock offset: 0.625 ms

Remote clock offset: -0.516 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.84 Mbit/s

95th percentile per-packet one-way delay: 68.669 ms

Loss rate: 5.53%

-- Flow 1:

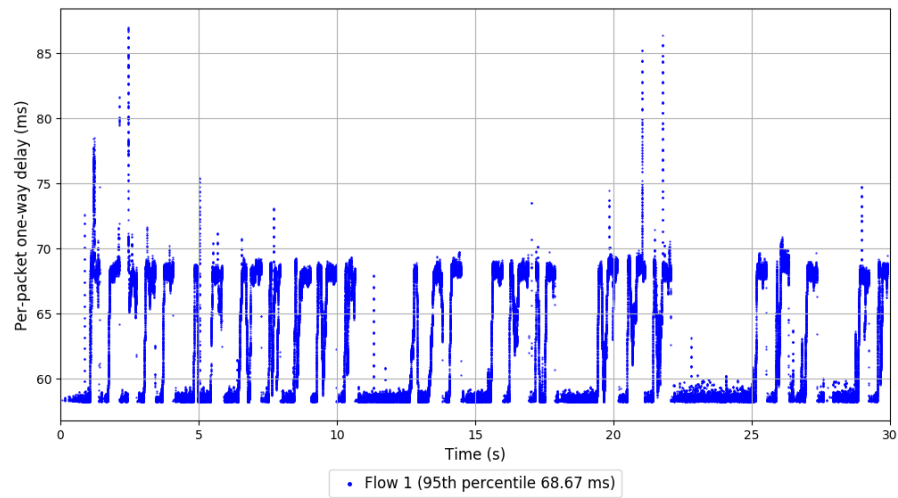
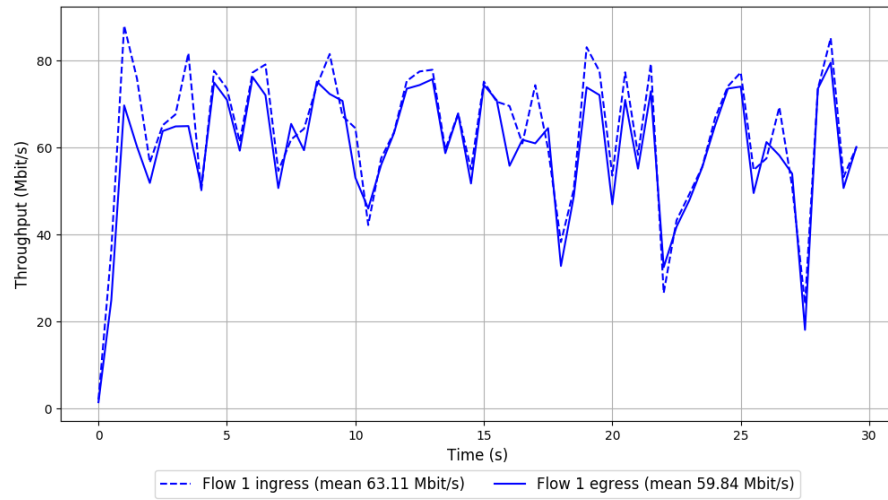
Average throughput: 59.84 Mbit/s

95th percentile per-packet one-way delay: 68.669 ms

Loss rate: 5.53%



### Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:32:34 +0000

End at: Tue, 25 Jul 2017 00:33:04 +0000

Local clock offset: 0.586 ms

Remote clock offset: -0.381 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 68.377 ms

Loss rate: 6.98%

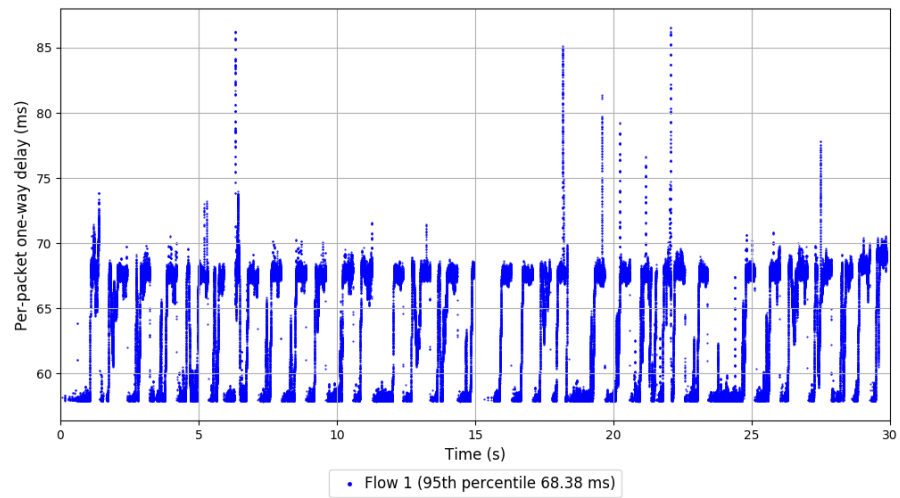
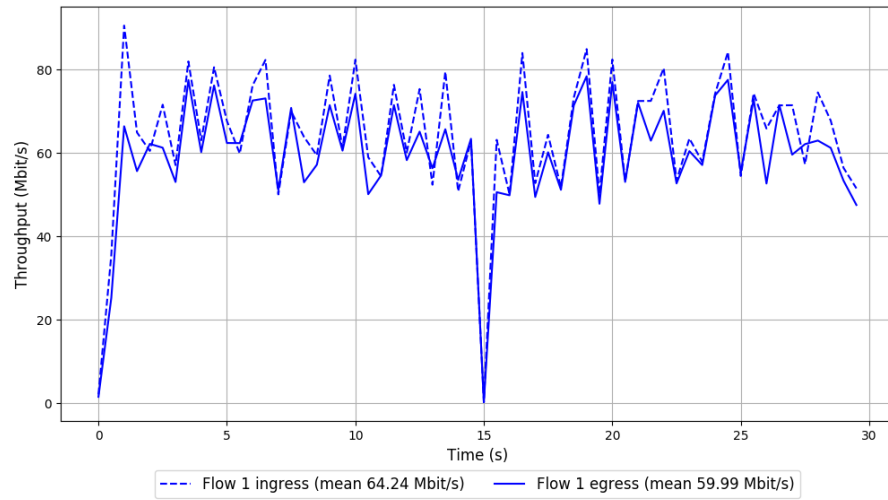
-- Flow 1:

Average throughput: 59.99 Mbit/s

95th percentile per-packet one-way delay: 68.377 ms

Loss rate: 6.98%

# Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:50:26 +0000

End at: Tue, 25 Jul 2017 00:50:57 +0000

Local clock offset: 0.666 ms

Remote clock offset: -0.086 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.85 Mbit/s

95th percentile per-packet one-way delay: 69.167 ms

Loss rate: 7.80%

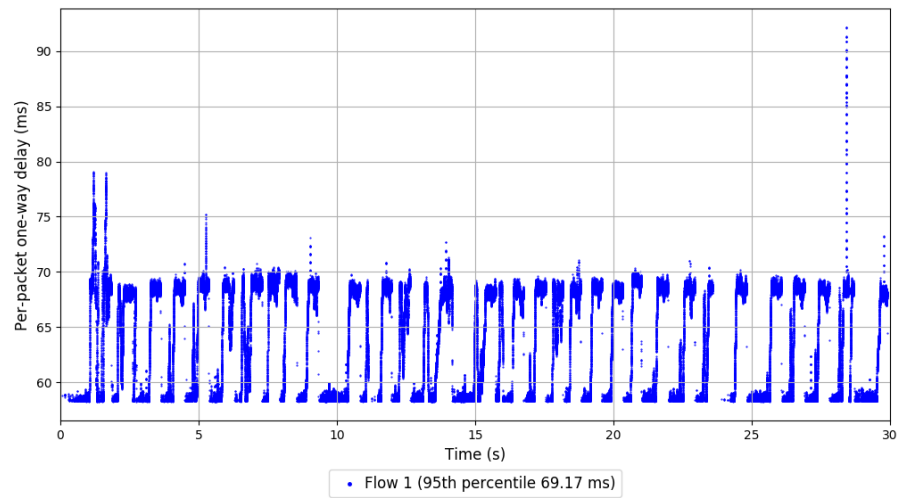
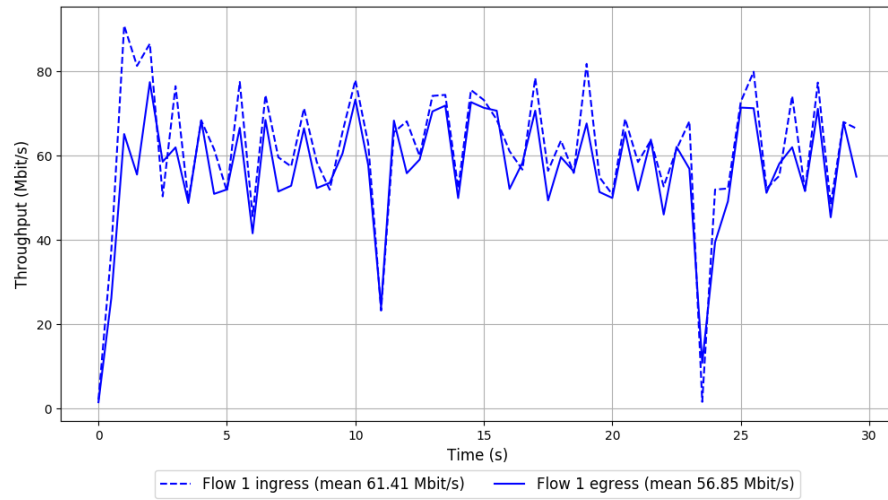
-- Flow 1:

Average throughput: 56.85 Mbit/s

95th percentile per-packet one-way delay: 69.167 ms

Loss rate: 7.80%

### Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:08:26 +0000

End at: Tue, 25 Jul 2017 01:08:56 +0000

Local clock offset: 0.498 ms

Remote clock offset: 0.248 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.31 Mbit/s

95th percentile per-packet one-way delay: 68.688 ms

Loss rate: 5.72%

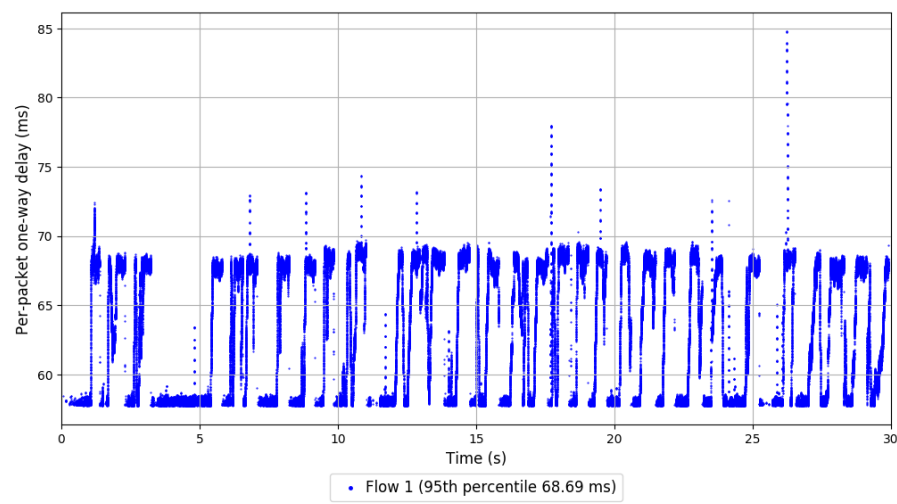
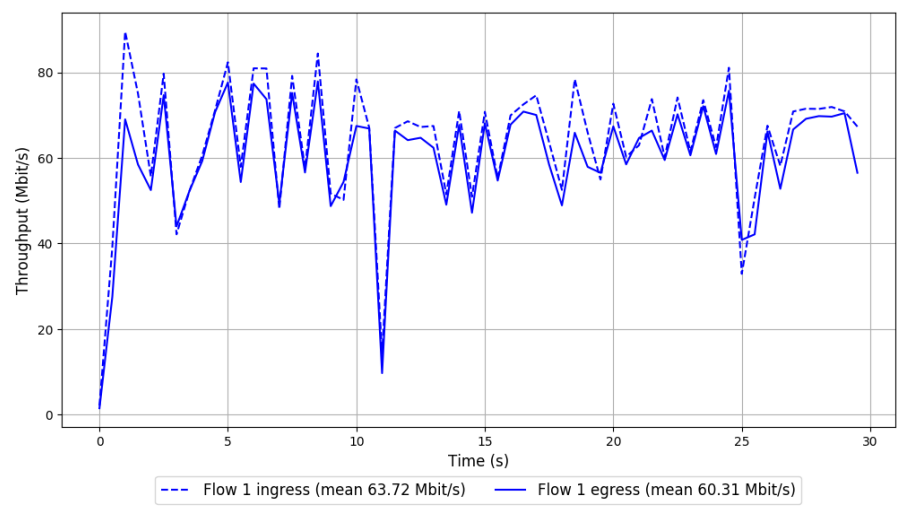
-- Flow 1:

Average throughput: 60.31 Mbit/s

95th percentile per-packet one-way delay: 68.688 ms

Loss rate: 5.72%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:26:16 +0000

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

Local clock offset: 0.487 ms

Remote clock offset: 1.42 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.47 Mbit/s

95th percentile per-packet one-way delay: 67.878 ms

Loss rate: 6.04%

-- Flow 1:

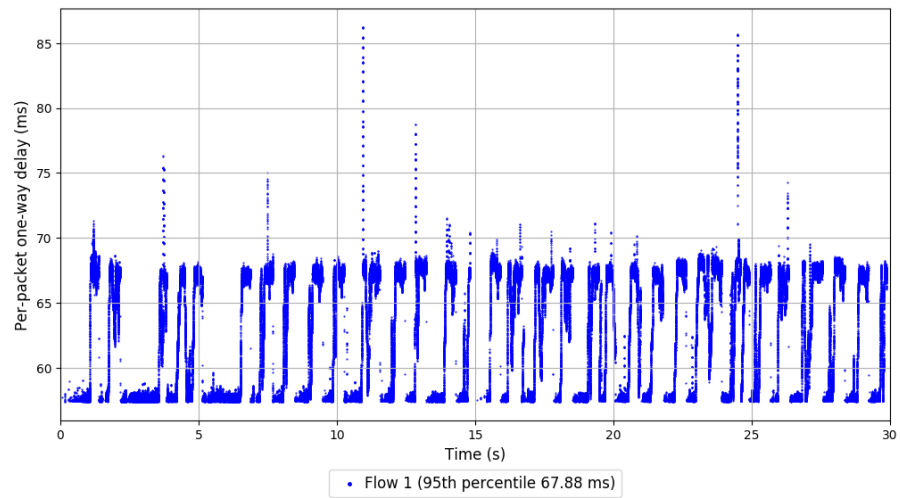
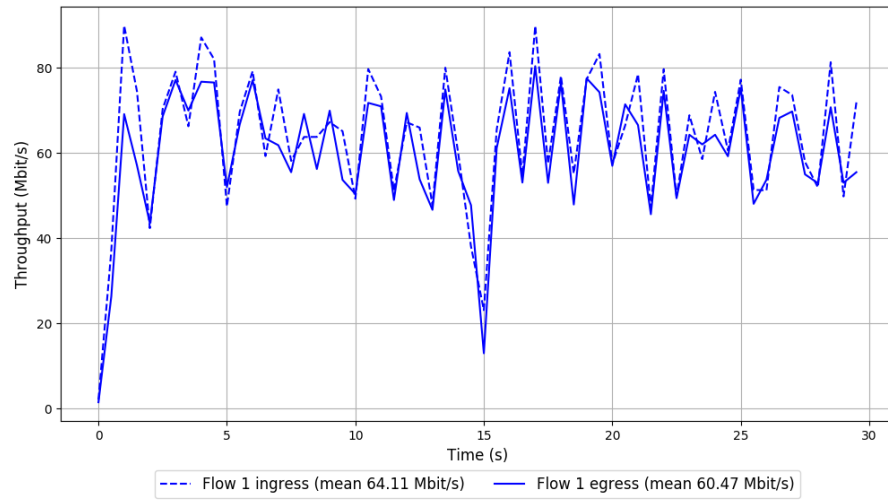
Average throughput: 60.47 Mbit/s

95th percentile per-packet one-way delay: 67.878 ms

Loss rate: 6.04%



### Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:44:11 +0000

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

Local clock offset: 0.439 ms

Remote clock offset: 1.56 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.49 Mbit/s

95th percentile per-packet one-way delay: 68.921 ms

Loss rate: 5.15%

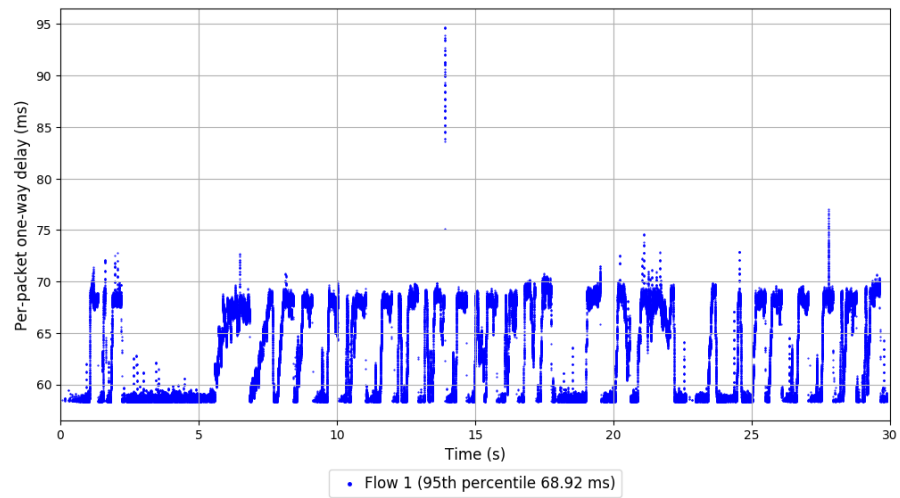
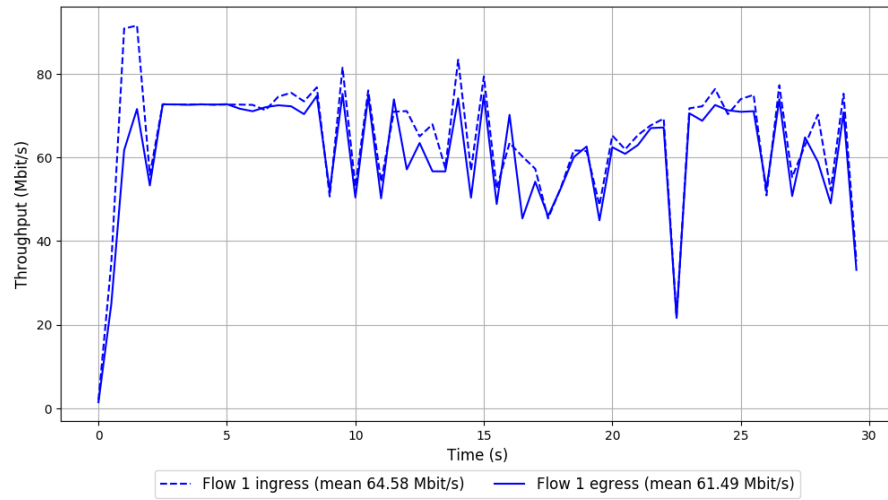
-- Flow 1:

Average throughput: 61.49 Mbit/s

95th percentile per-packet one-way delay: 68.921 ms

Loss rate: 5.15%

# Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:01:45 +0000

End at: Mon, 24 Jul 2017 23:02:15 +0000

Local clock offset: 0.378 ms

Remote clock offset: 2.576 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.28 Mbit/s

95th percentile per-packet one-way delay: 67.542 ms

Loss rate: 3.08%

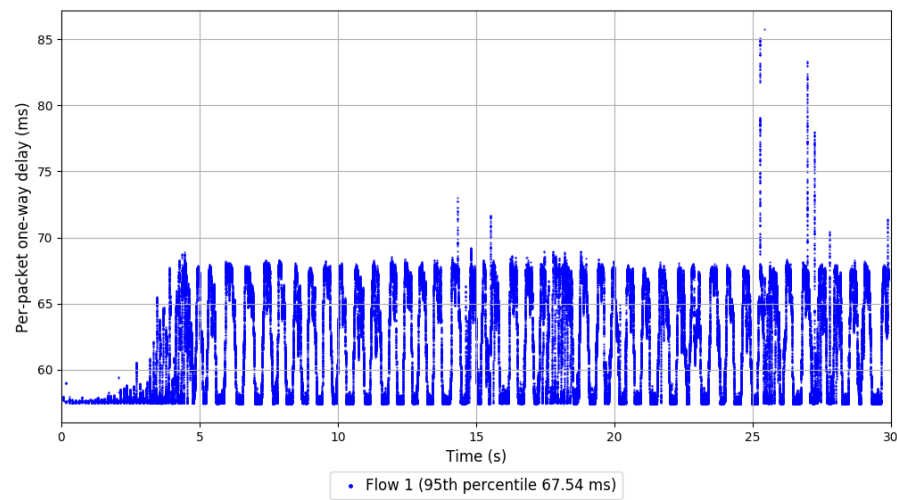
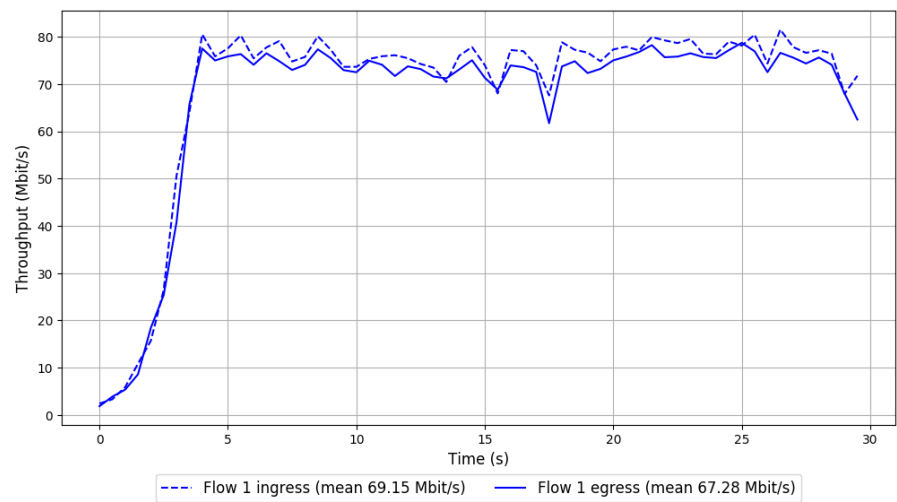
-- Flow 1:

Average throughput: 67.28 Mbit/s

95th percentile per-packet one-way delay: 67.542 ms

Loss rate: 3.08%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

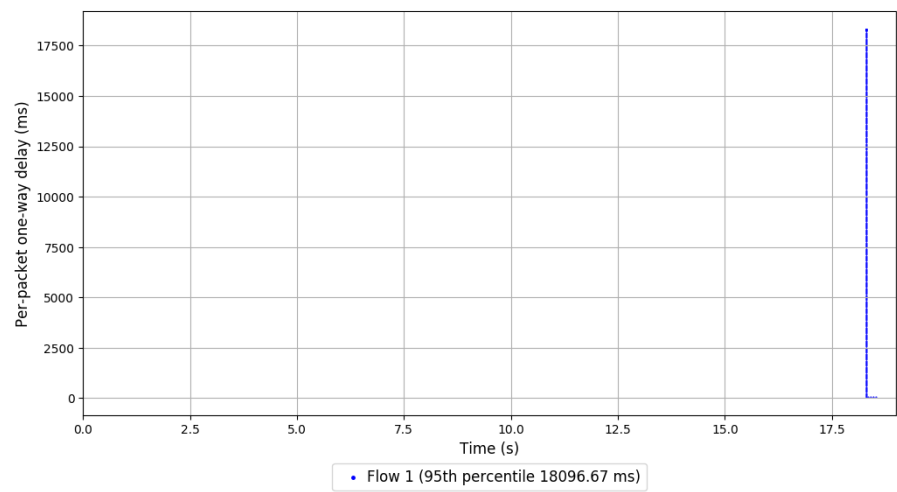
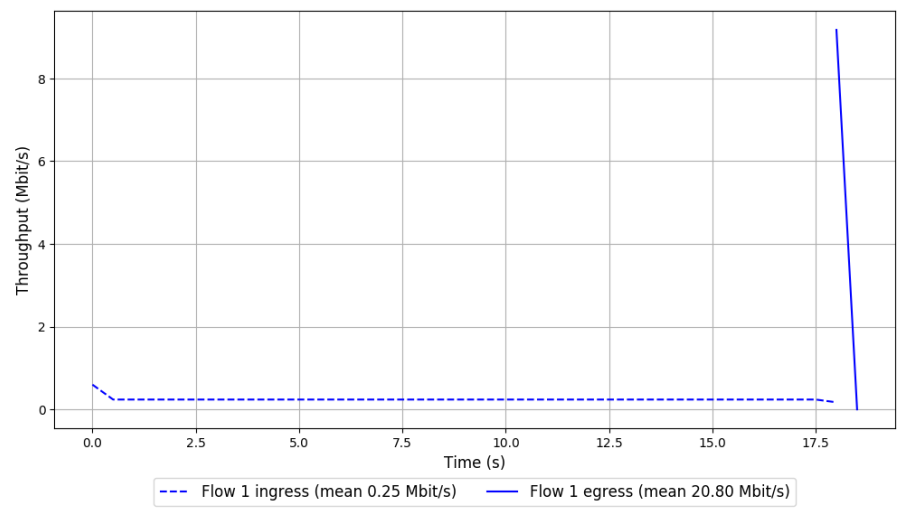
Start at: Mon, 24 Jul 2017 23:19:45 +0000

End at: Mon, 24 Jul 2017 23:20:15 +0000

Local clock offset: 0.43 ms

Remote clock offset: 2.016 ms

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:37:39 +0000

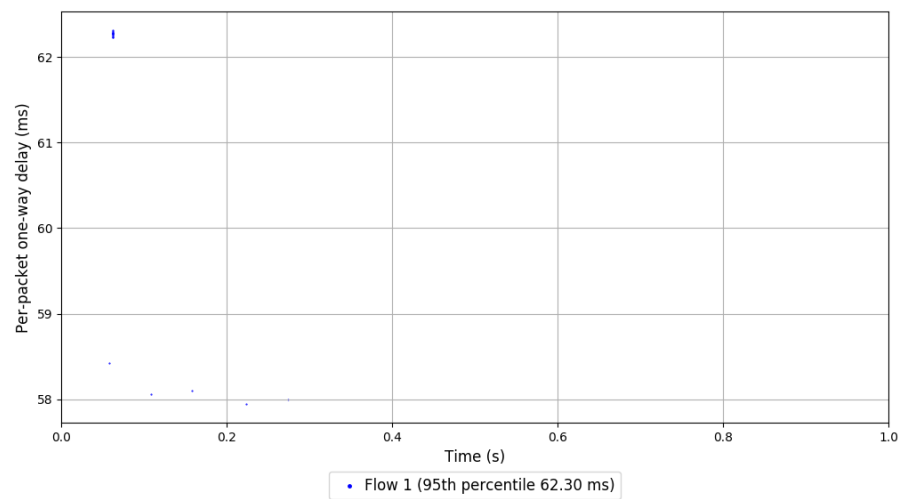
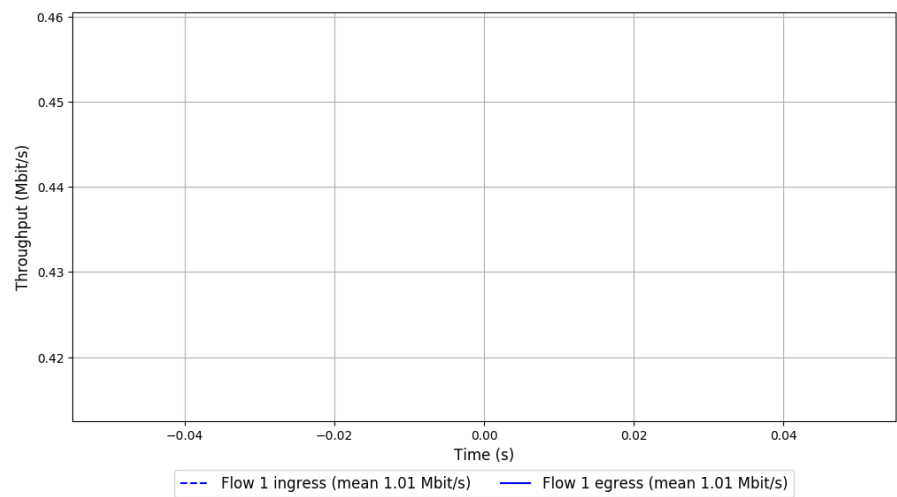
End at: Mon, 24 Jul 2017 23:38:09 +0000

Local clock offset: 0.549 ms

Remote clock offset: 0.853 ms



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:55:31 +0000

End at: Mon, 24 Jul 2017 23:56:01 +0000

Local clock offset: 0.59 ms

Remote clock offset: -0.119 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.88 Mbit/s

95th percentile per-packet one-way delay: 67.644 ms

Loss rate: 2.83%

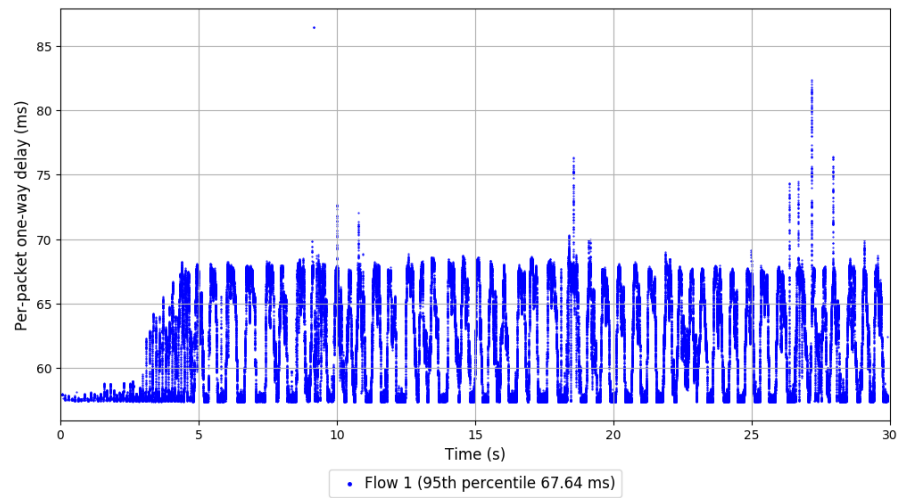
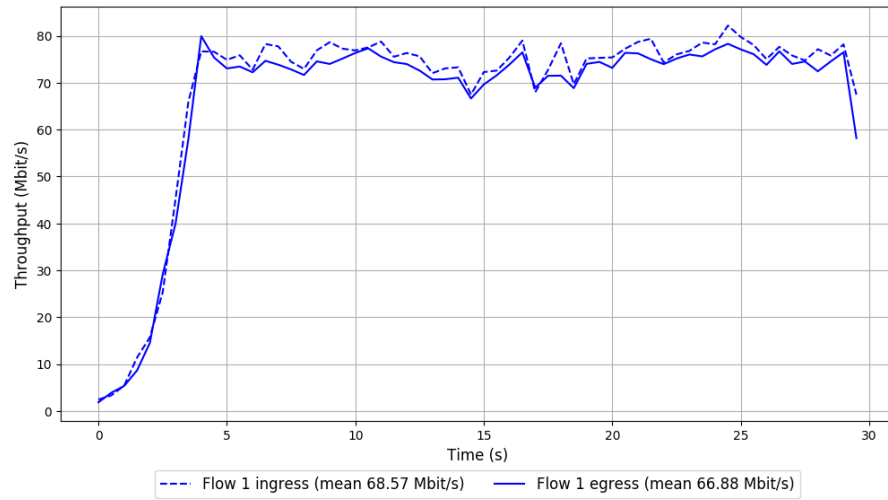
-- Flow 1:

Average throughput: 66.88 Mbit/s

95th percentile per-packet one-way delay: 67.644 ms

Loss rate: 2.83%

#### Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

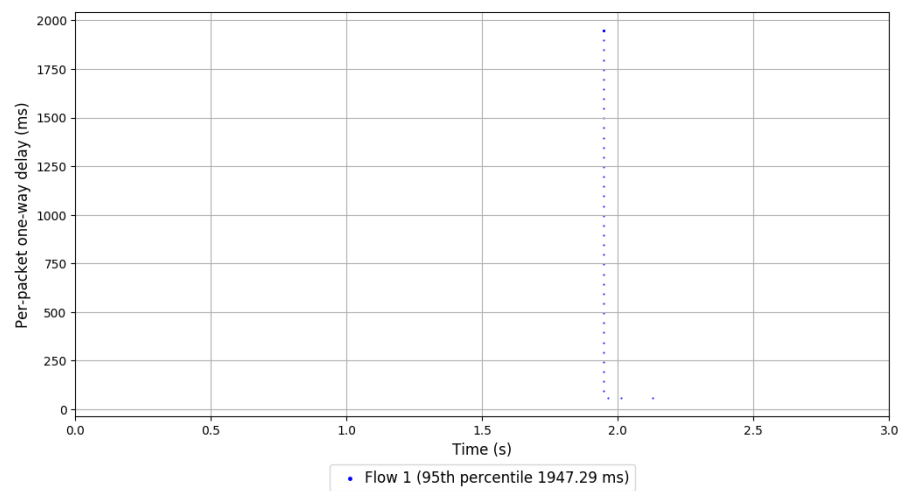
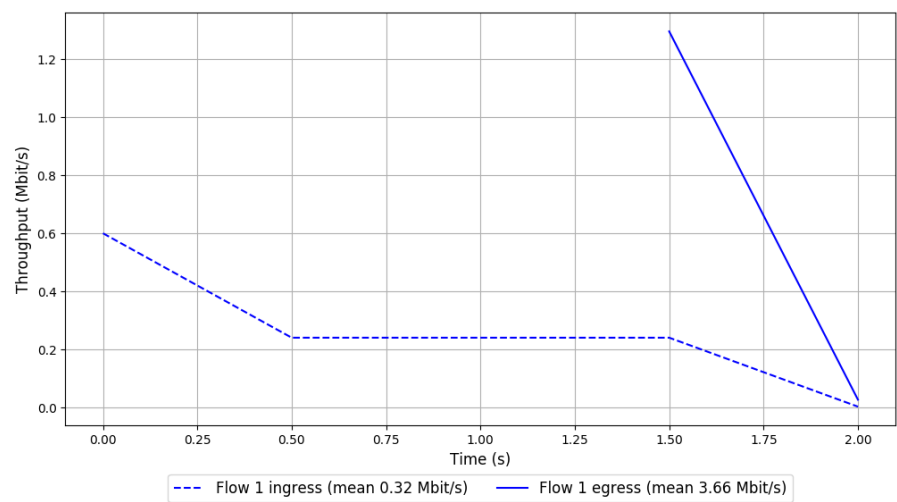
Start at: Tue, 25 Jul 2017 00:13:30 +0000

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

Local clock offset: 0.528 ms

Remote clock offset: 0.041 ms

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

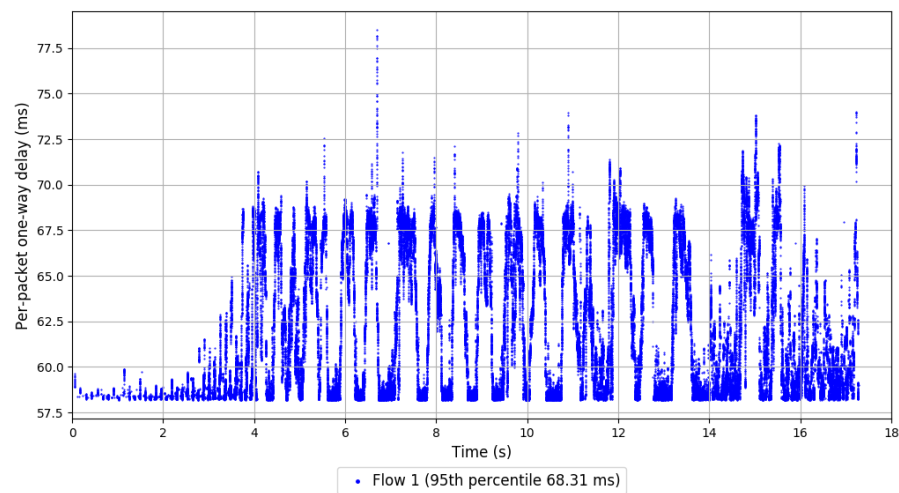
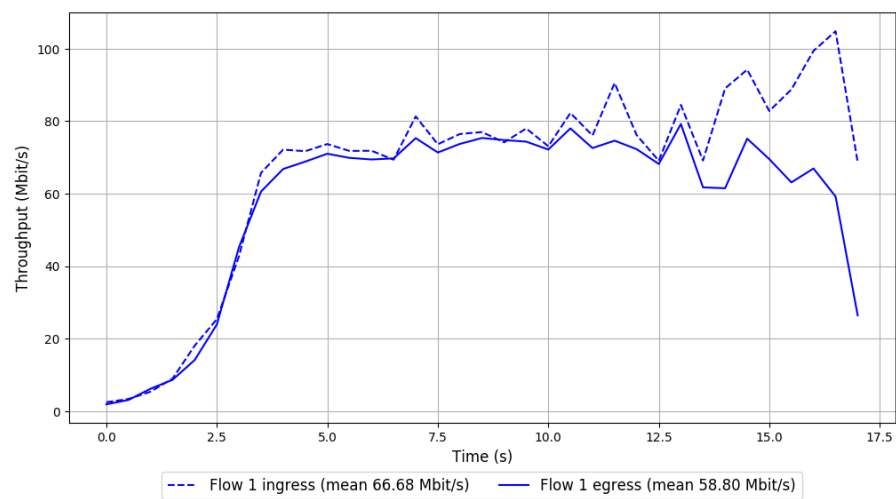
Start at: Tue, 25 Jul 2017 00:31:16 +0000

End at: Tue, 25 Jul 2017 00:31:46 +0000

Local clock offset: 0.495 ms

Remote clock offset: -0.472 ms

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:49:13 +0000

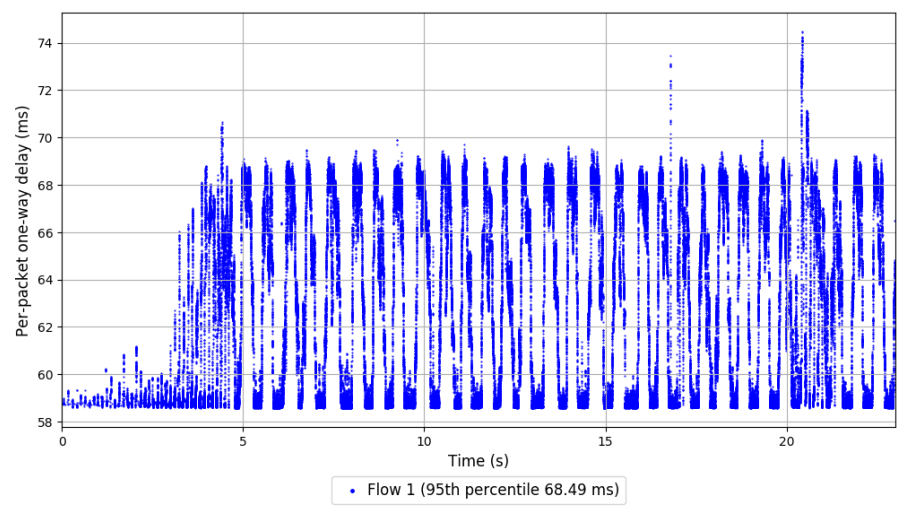
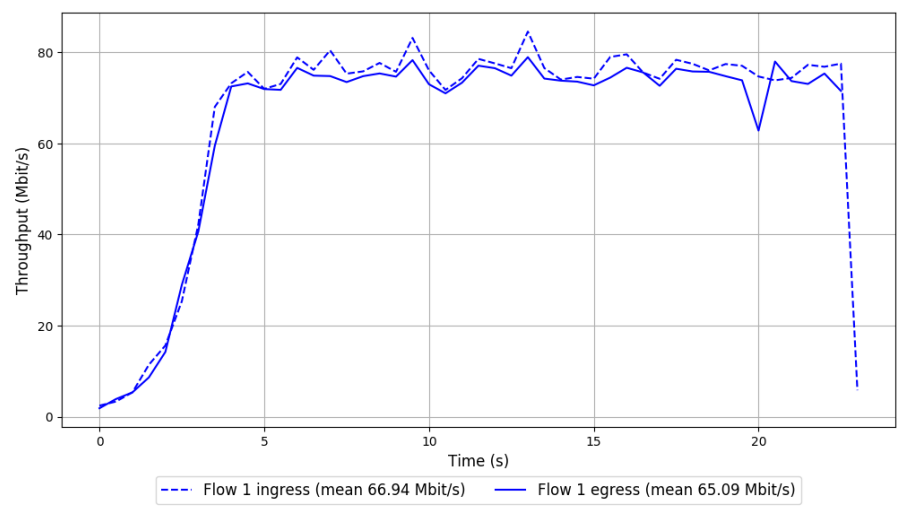
End at: Tue, 25 Jul 2017 00:49:43 +0000

Local clock offset: 0.529 ms

Remote clock offset: -0.089 ms



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

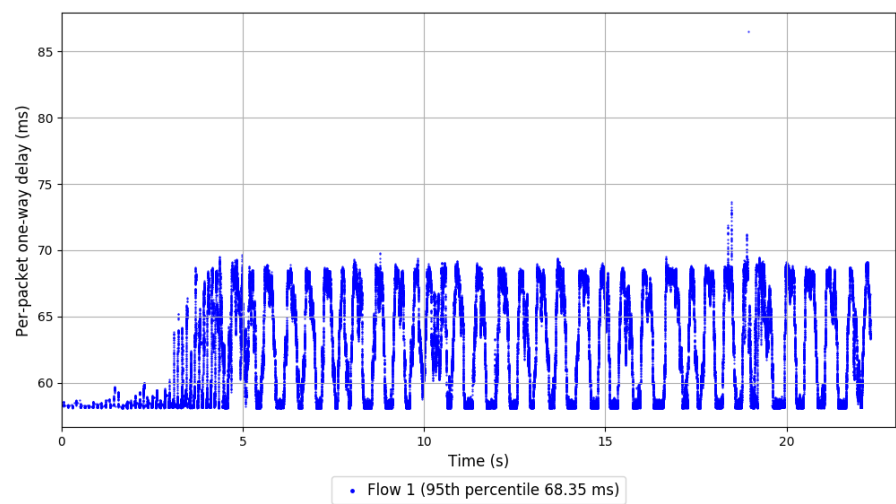
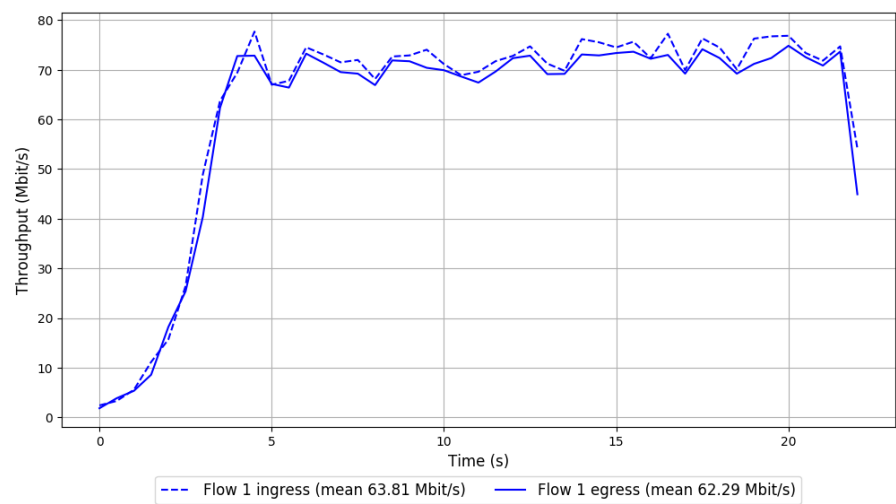
Start at: Tue, 25 Jul 2017 01:07:14 +0000

End at: Tue, 25 Jul 2017 01:07:44 +0000

Local clock offset: 0.498 ms

Remote clock offset: 0.441 ms

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

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

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

Local clock offset: 0.468 ms

Remote clock offset: 1.092 ms

### Run 9: Report of CalibratedKoho — Data Link

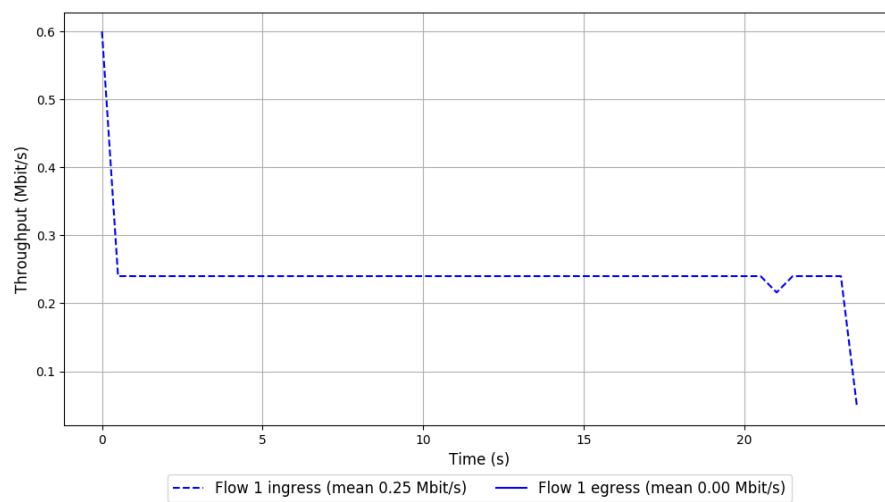


Figure is missing

Run 10: Statistics of CalibratedKoho

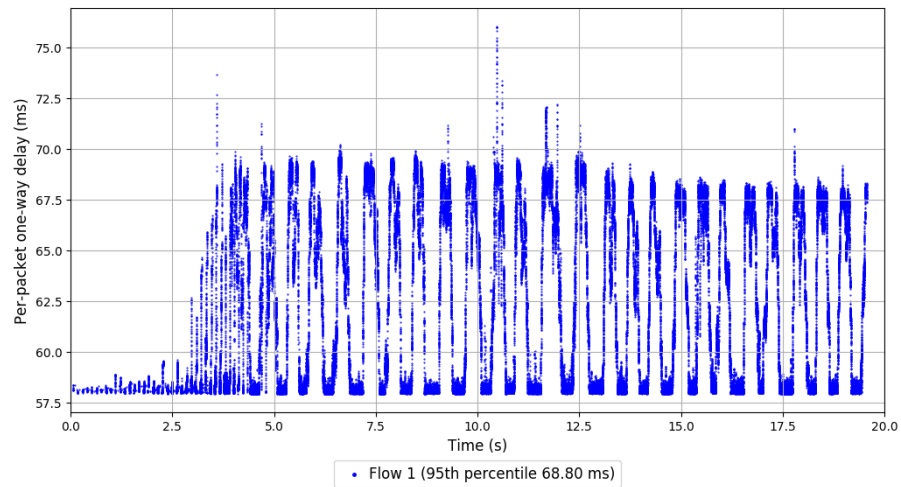
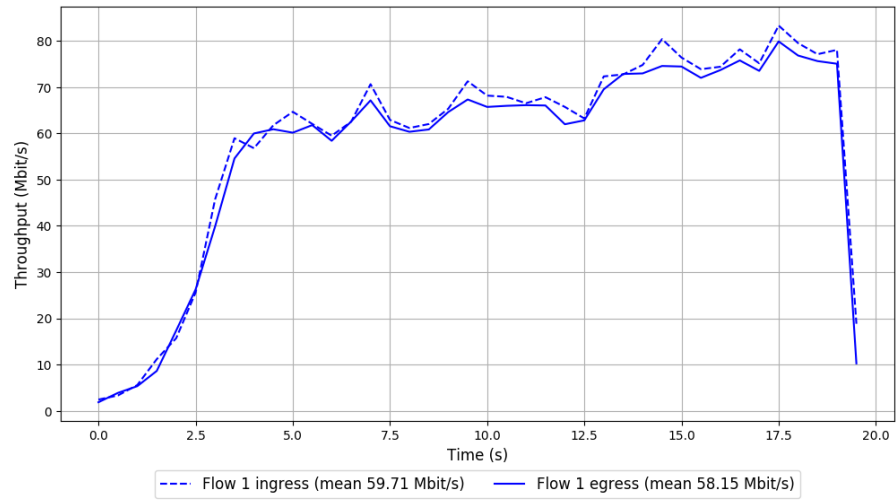
Start at: Tue, 25 Jul 2017 01:42:59 +0000

End at: Tue, 25 Jul 2017 01:43:29 +0000

Local clock offset: 0.472 ms

Remote clock offset: 1.407 ms

# Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:11:26 +0000

End at: Mon, 24 Jul 2017 23:11:56 +0000

Local clock offset: 0.347 ms

Remote clock offset: 1.681 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.90 Mbit/s

95th percentile per-packet one-way delay: 58.862 ms

Loss rate: 0.39%

-- Flow 1:

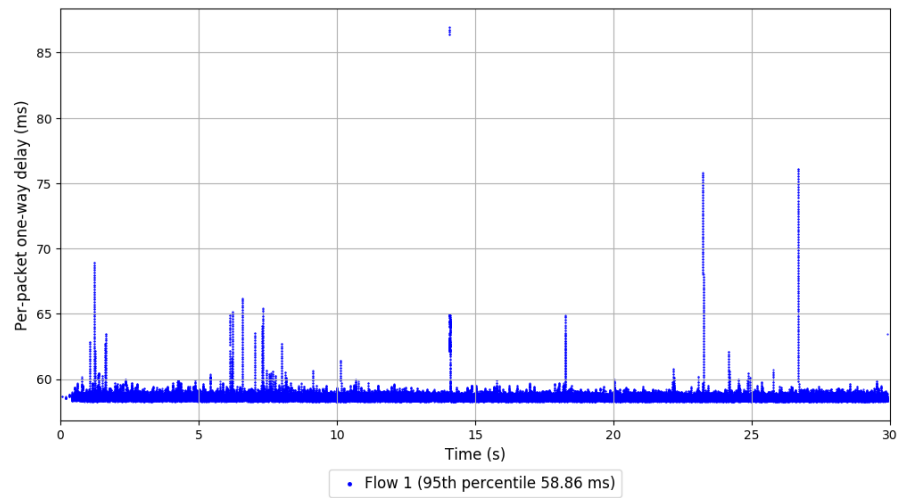
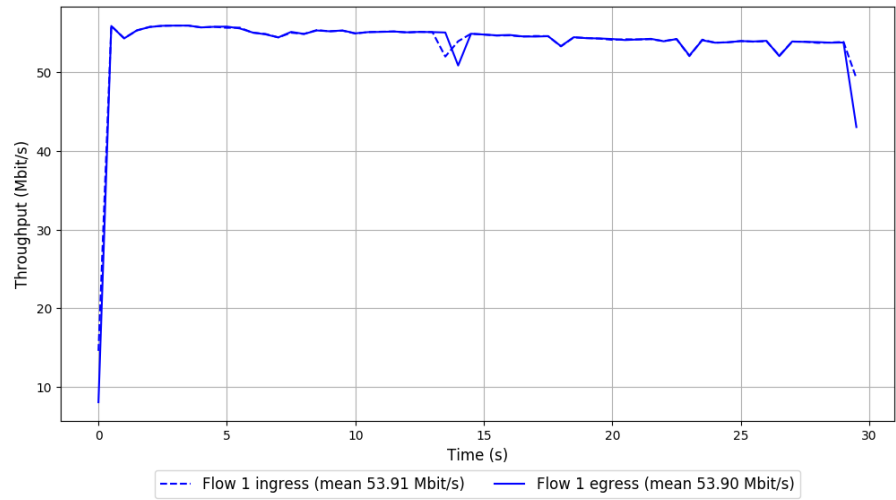
Average throughput: 53.90 Mbit/s

95th percentile per-packet one-way delay: 58.862 ms

Loss rate: 0.39%



### Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:29:18 +0000

End at: Mon, 24 Jul 2017 23:29:48 +0000

Local clock offset: 0.489 ms

Remote clock offset: 1.358 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.11 Mbit/s

95th percentile per-packet one-way delay: 64.843 ms

Loss rate: 0.82%

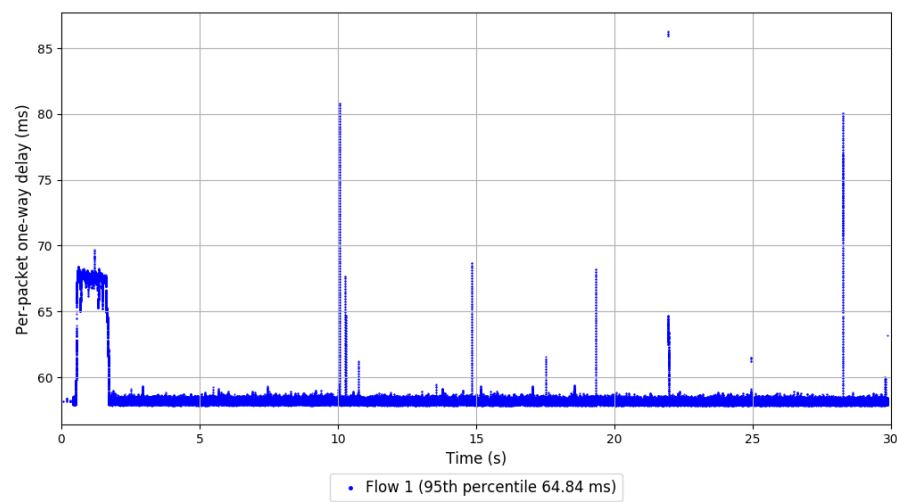
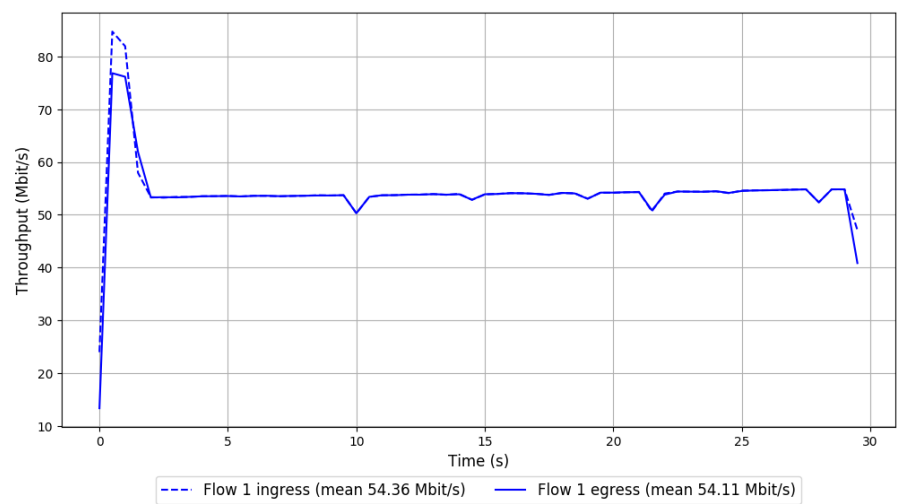
-- Flow 1:

Average throughput: 54.11 Mbit/s

95th percentile per-packet one-way delay: 64.843 ms

Loss rate: 0.82%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:47:08 +0000

End at: Mon, 24 Jul 2017 23:47:38 +0000

Local clock offset: 0.54 ms

Remote clock offset: 0.397 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.76 Mbit/s

95th percentile per-packet one-way delay: 65.649 ms

Loss rate: 1.09%

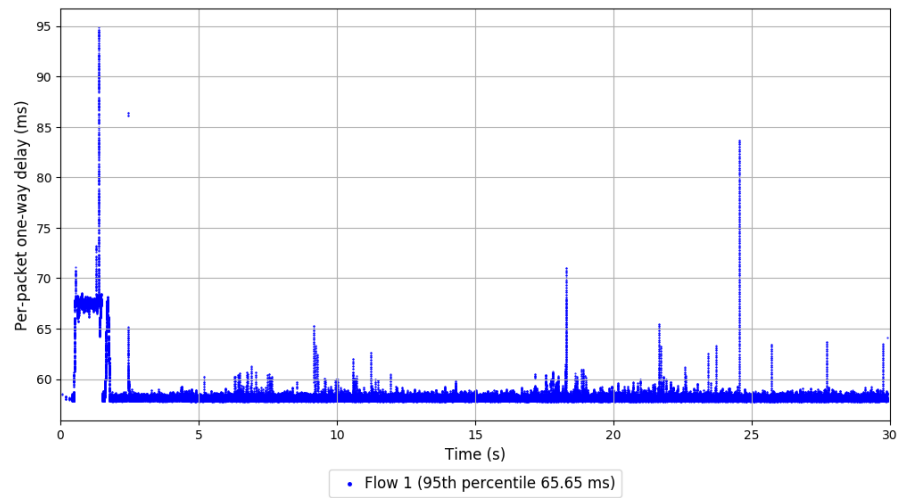
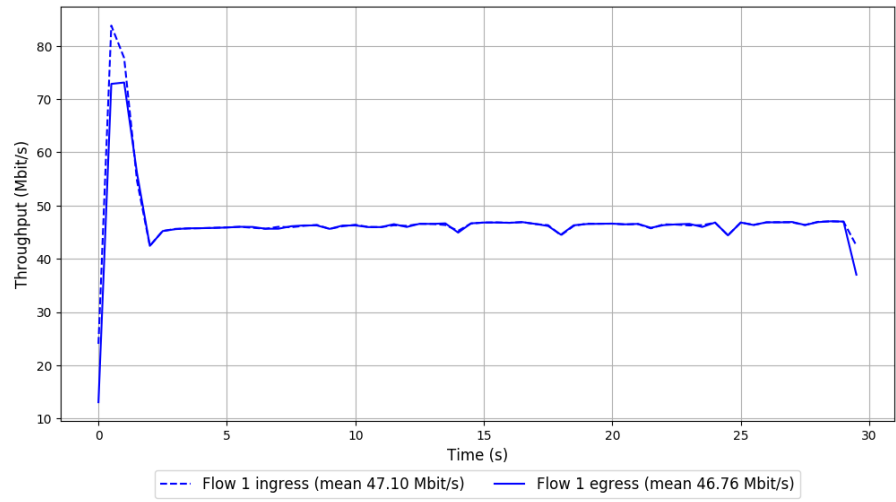
-- Flow 1:

Average throughput: 46.76 Mbit/s

95th percentile per-packet one-way delay: 65.649 ms

Loss rate: 1.09%

### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:05:10 +0000

End at: Tue, 25 Jul 2017 00:05:40 +0000

Local clock offset: 0.584 ms

Remote clock offset: -0.384 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.65 Mbit/s

95th percentile per-packet one-way delay: 58.747 ms

Loss rate: 0.52%

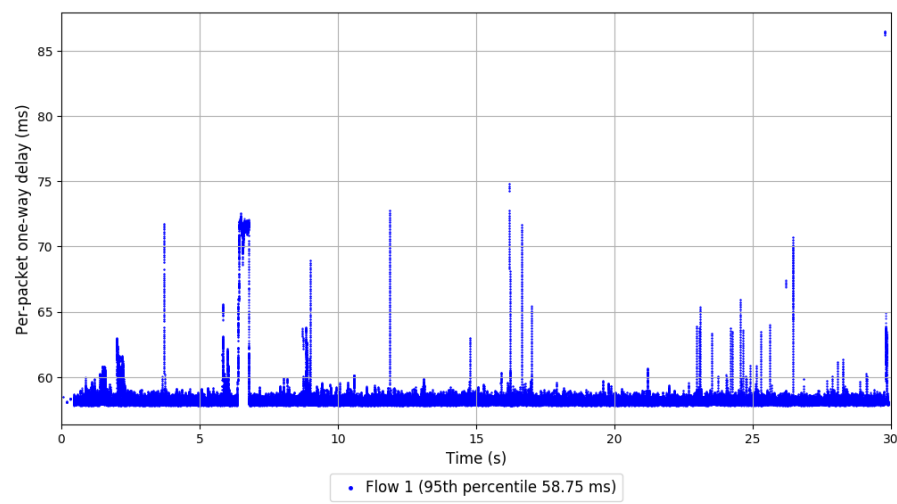
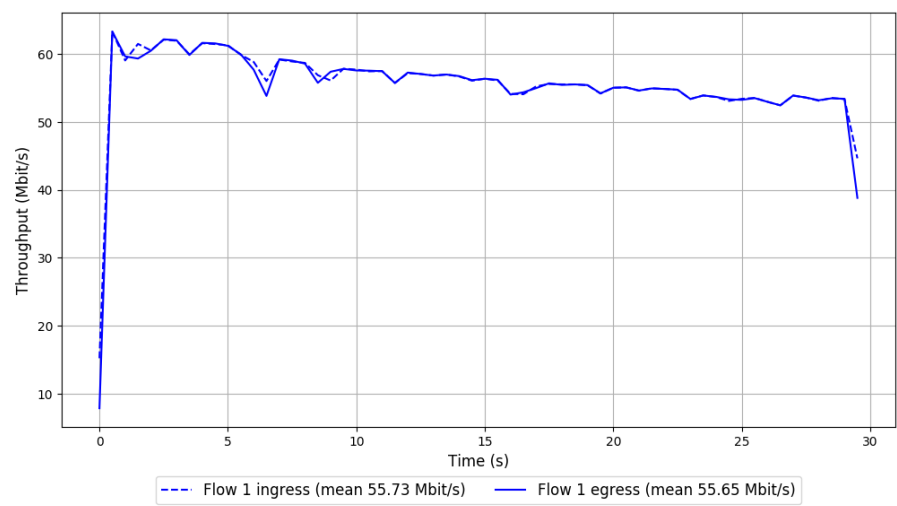
-- Flow 1:

Average throughput: 55.65 Mbit/s

95th percentile per-packet one-way delay: 58.747 ms

Loss rate: 0.52%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:23:03 +0000

End at: Tue, 25 Jul 2017 00:23:33 +0000

Local clock offset: 0.499 ms

Remote clock offset: -0.278 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.87 Mbit/s

95th percentile per-packet one-way delay: 80.100 ms

Loss rate: 30.84%

-- Flow 1:

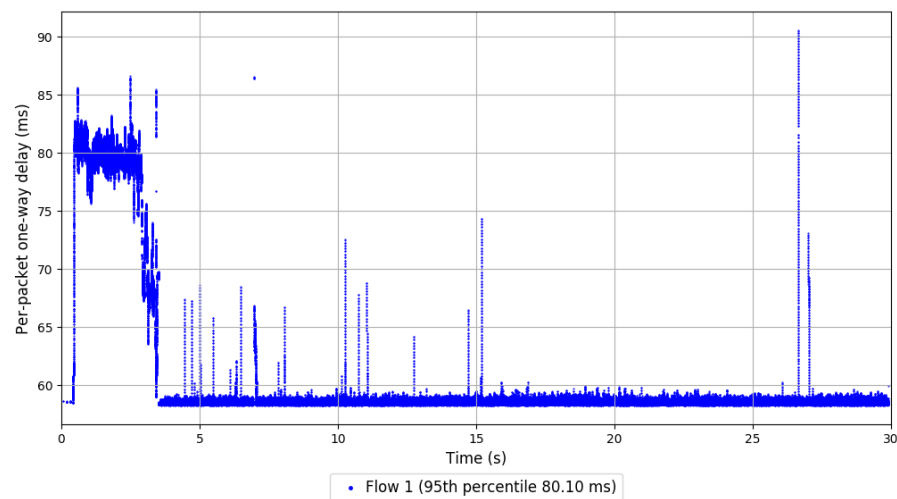
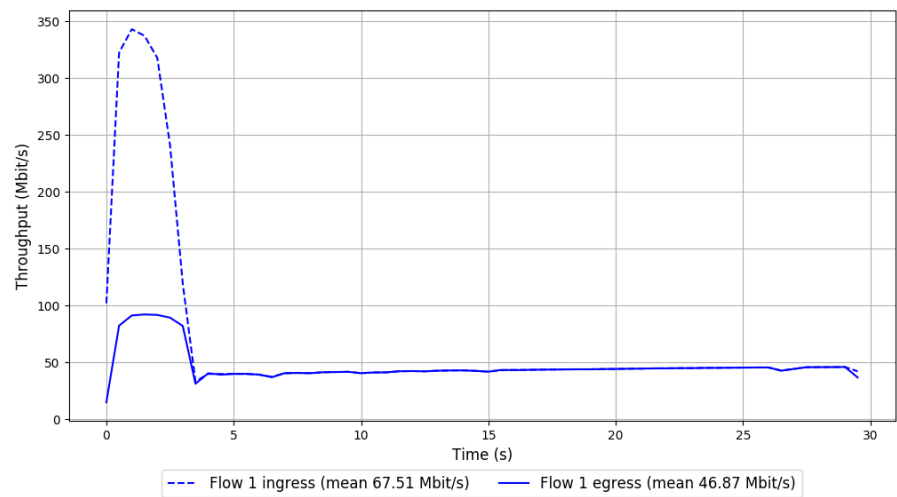
Average throughput: 46.87 Mbit/s

95th percentile per-packet one-way delay: 80.100 ms

Loss rate: 30.84%



Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:40:55 +0000

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

Local clock offset: 0.568 ms

Remote clock offset: -0.048 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.27 Mbit/s

95th percentile per-packet one-way delay: 67.393 ms

Loss rate: 2.45%

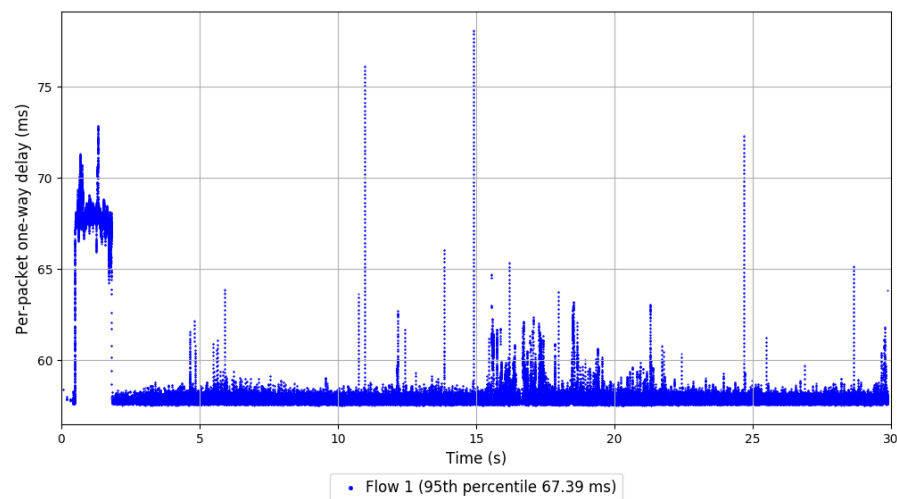
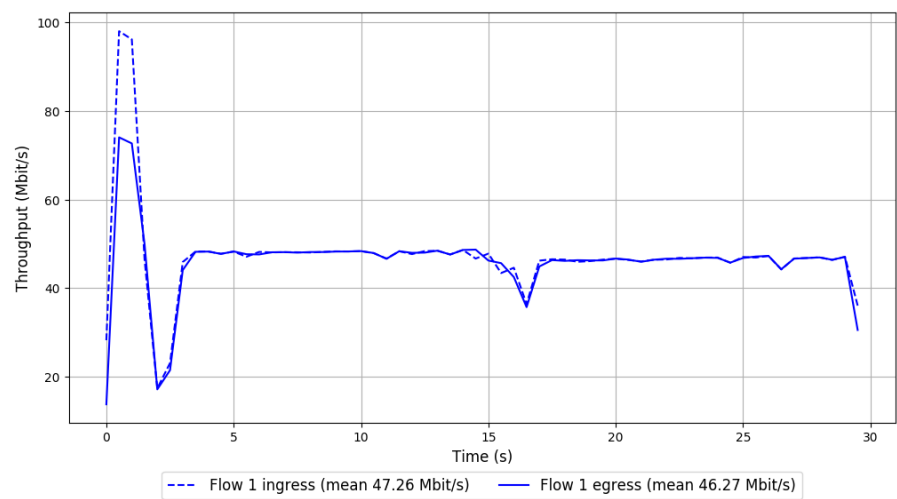
-- Flow 1:

Average throughput: 46.27 Mbit/s

95th percentile per-packet one-way delay: 67.393 ms

Loss rate: 2.45%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:58:57 +0000

End at: Tue, 25 Jul 2017 00:59:27 +0000

Local clock offset: 0.48 ms

Remote clock offset: 0.337 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.58 Mbit/s

95th percentile per-packet one-way delay: 58.290 ms

Loss rate: 0.36%

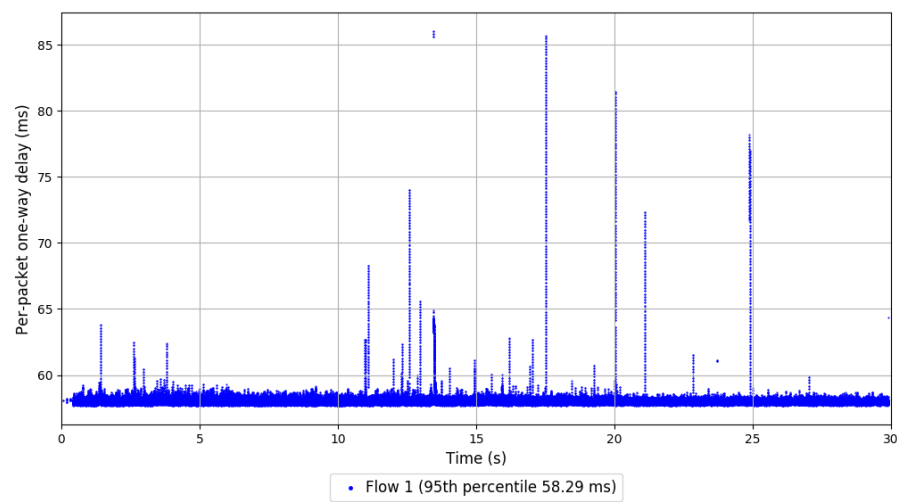
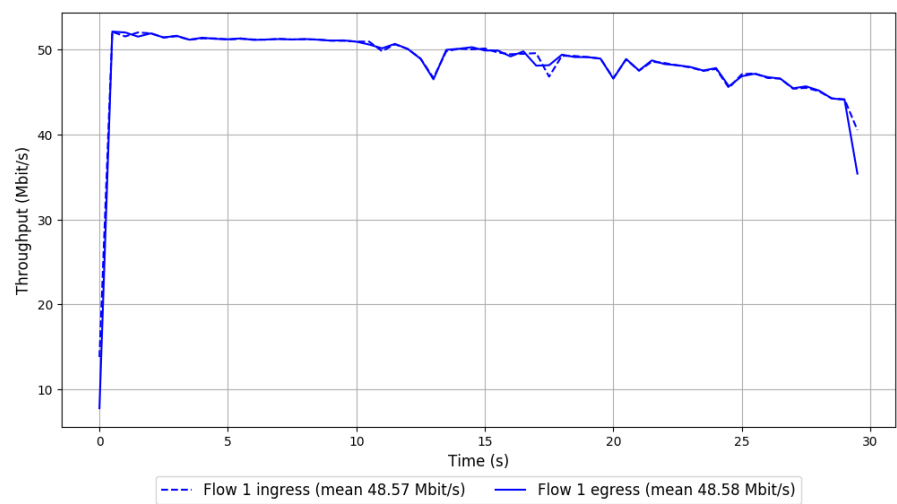
-- Flow 1:

Average throughput: 48.58 Mbit/s

95th percentile per-packet one-way delay: 58.290 ms

Loss rate: 0.36%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:16:51 +0000

End at: Tue, 25 Jul 2017 01:17:21 +0000

Local clock offset: 0.399 ms

Remote clock offset: 0.505 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.10 Mbit/s

95th percentile per-packet one-way delay: 66.357 ms

Loss rate: 2.06%

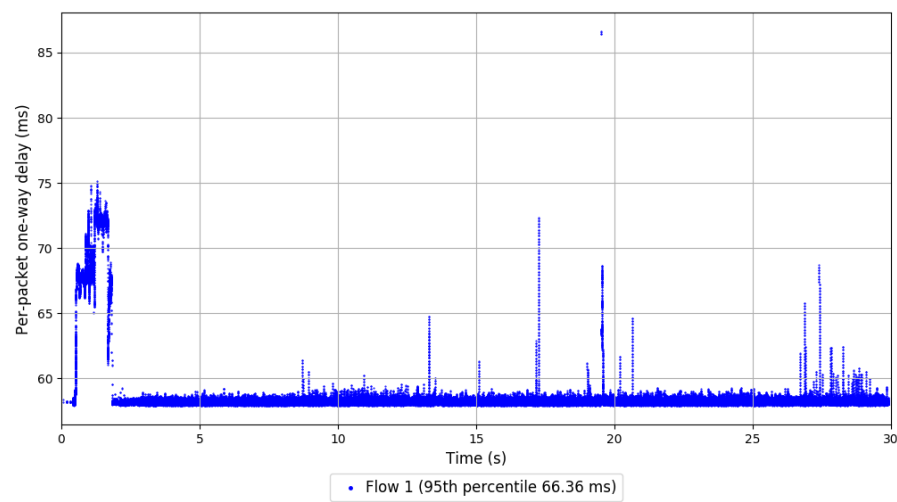
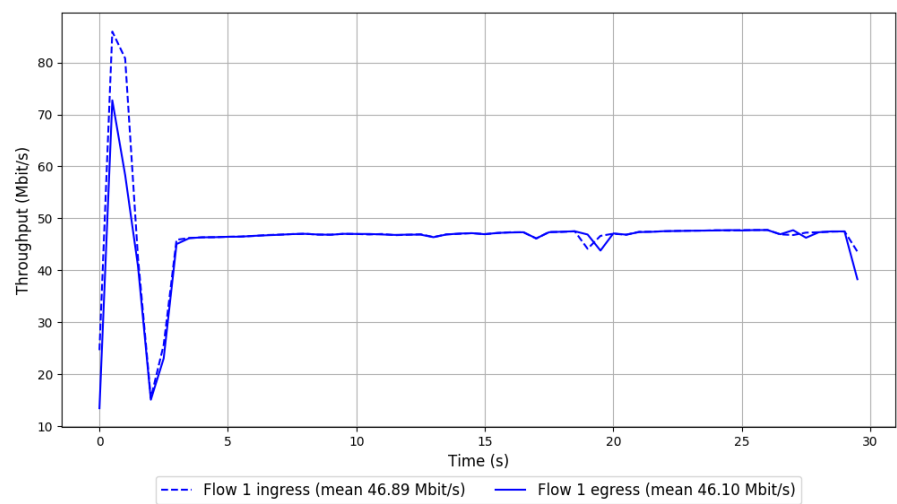
-- Flow 1:

Average throughput: 46.10 Mbit/s

95th percentile per-packet one-way delay: 66.357 ms

Loss rate: 2.06%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:34:45 +0000

End at: Tue, 25 Jul 2017 01:35:15 +0000

Local clock offset: 0.487 ms

Remote clock offset: 1.179 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.24 Mbit/s

95th percentile per-packet one-way delay: 67.113 ms

Loss rate: 1.87%

-- Flow 1:

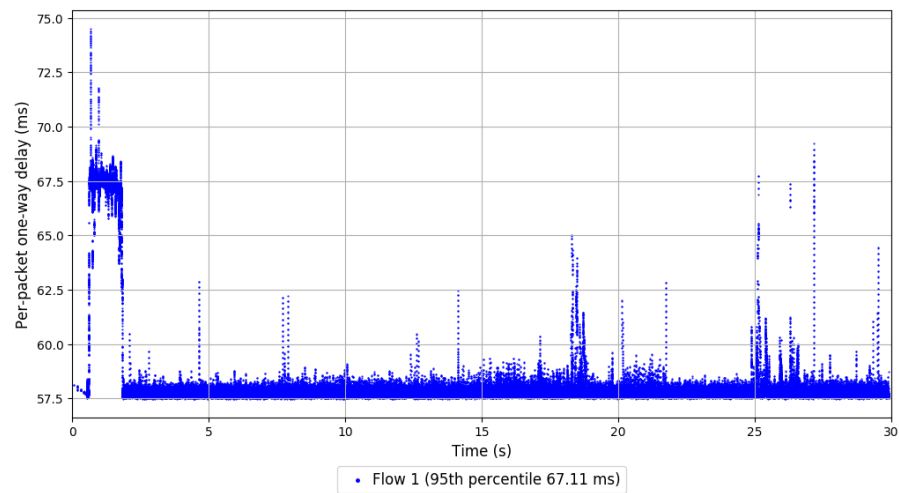
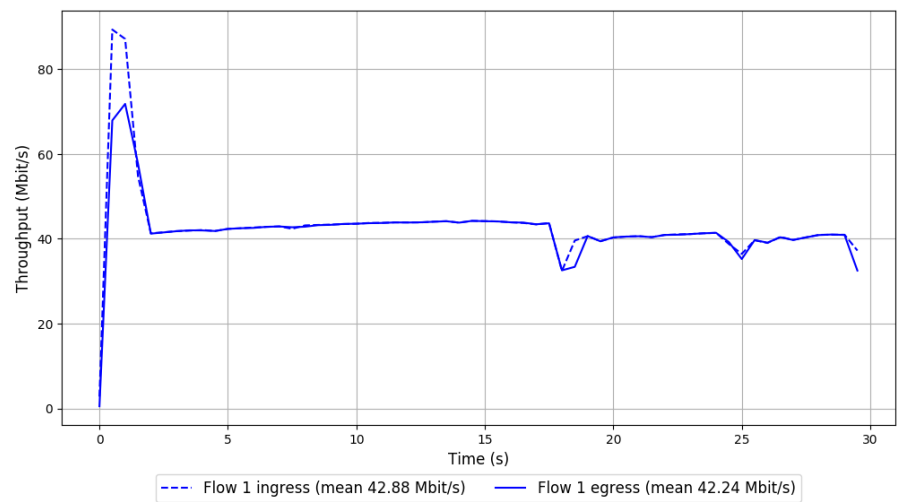
Average throughput: 42.24 Mbit/s

95th percentile per-packet one-way delay: 67.113 ms

Loss rate: 1.87%



Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:52:24 +0000

End at: Tue, 25 Jul 2017 01:52:54 +0000

Local clock offset: 0.447 ms

Remote clock offset: 1.636 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.18 Mbit/s

95th percentile per-packet one-way delay: 58.237 ms

Loss rate: 0.42%

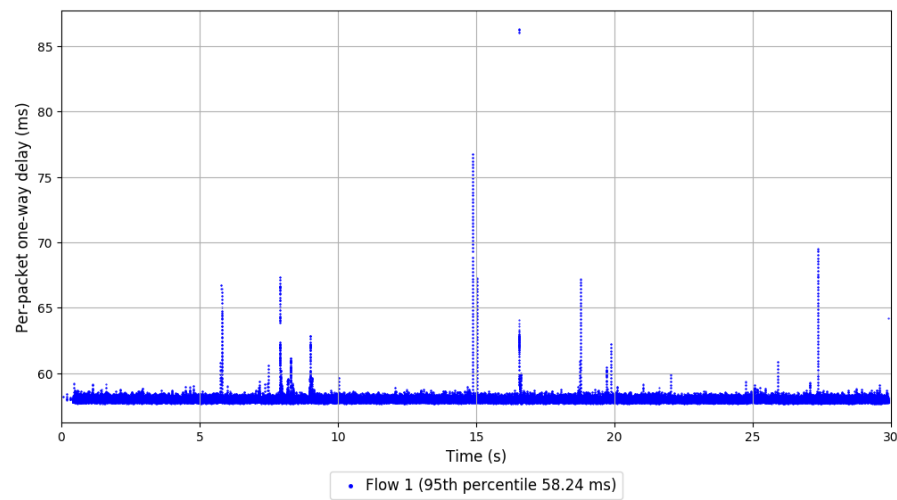
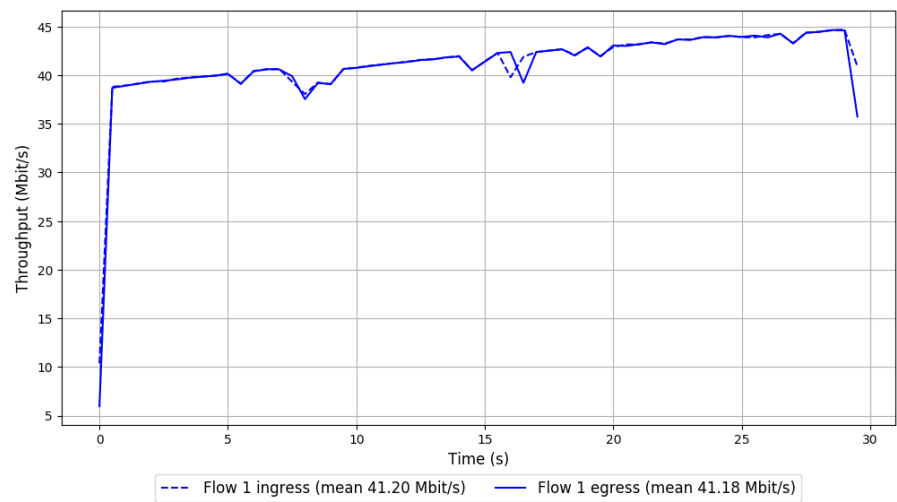
-- Flow 1:

Average throughput: 41.18 Mbit/s

95th percentile per-packet one-way delay: 58.237 ms

Loss rate: 0.42%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:10:13 +0000

End at: Mon, 24 Jul 2017 23:10:43 +0000

Local clock offset: 0.348 ms

Remote clock offset: 2.409 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.71 Mbit/s

95th percentile per-packet one-way delay: 62.458 ms

Loss rate: 0.84%

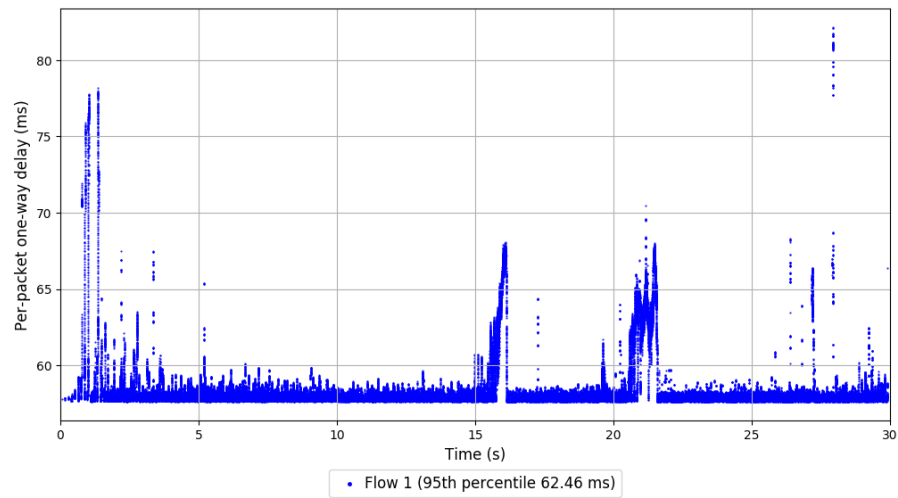
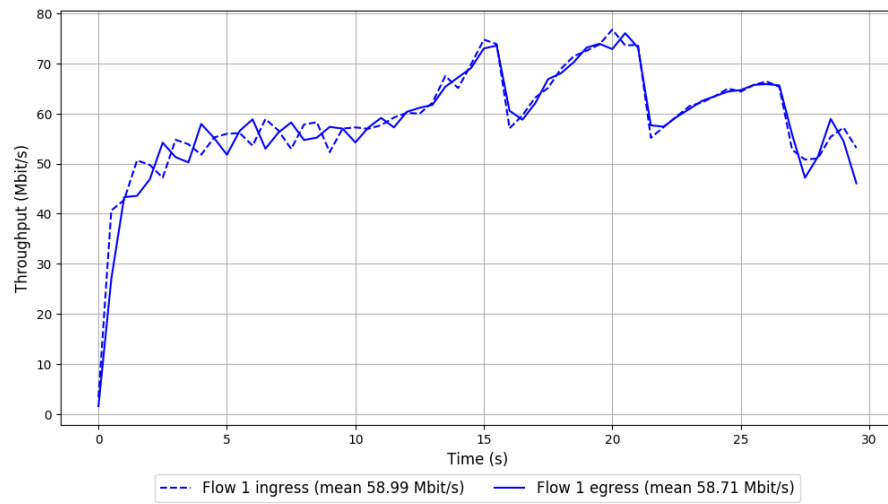
-- Flow 1:

Average throughput: 58.71 Mbit/s

95th percentile per-packet one-way delay: 62.458 ms

Loss rate: 0.84%

### Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:28:06 +0000

End at: Mon, 24 Jul 2017 23:28:36 +0000

Local clock offset: 0.491 ms

Remote clock offset: 1.43 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.90 Mbit/s

95th percentile per-packet one-way delay: 61.471 ms

Loss rate: 1.13%

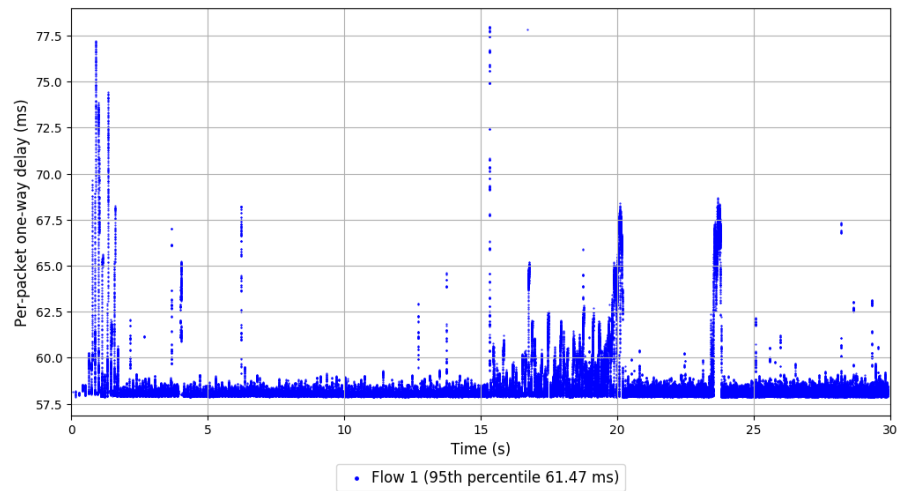
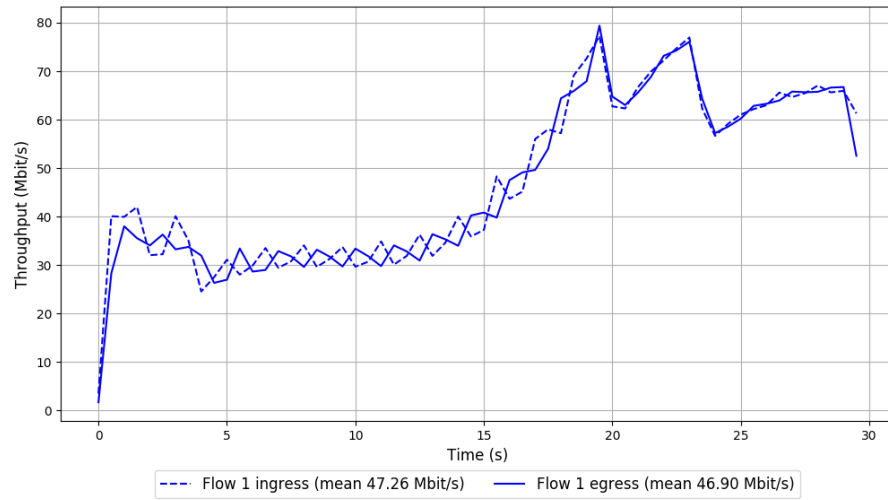
-- Flow 1:

Average throughput: 46.90 Mbit/s

95th percentile per-packet one-way delay: 61.471 ms

Loss rate: 1.13%

## Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:45:56 +0000

End at: Mon, 24 Jul 2017 23:46:26 +0000

Local clock offset: 0.597 ms

Remote clock offset: 0.639 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.02 Mbit/s

95th percentile per-packet one-way delay: 59.032 ms

Loss rate: 1.12%

-- Flow 1:

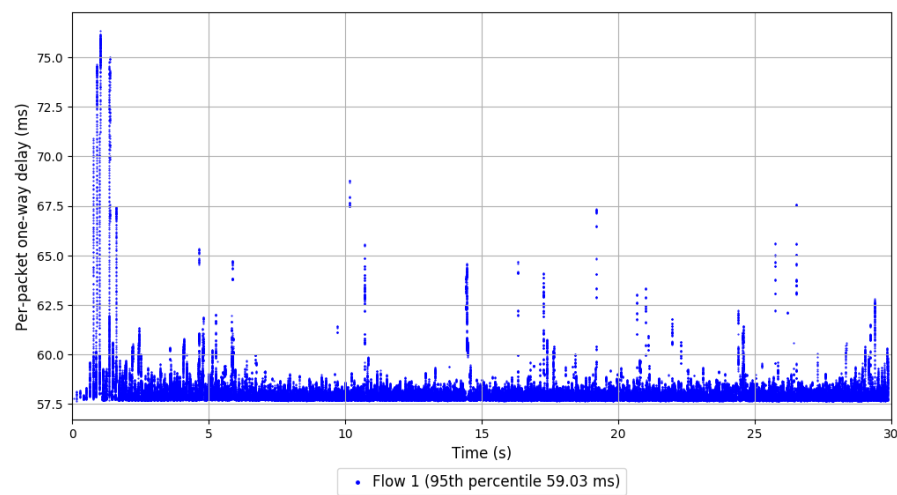
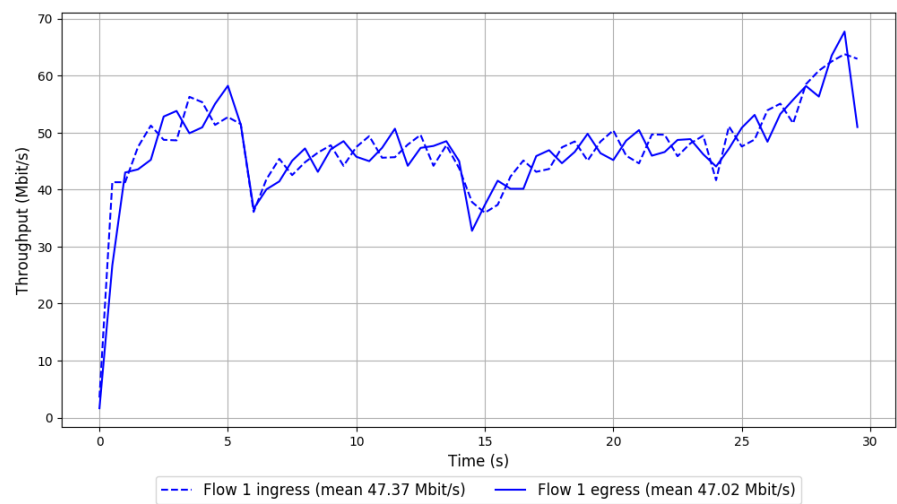
Average throughput: 47.02 Mbit/s

95th percentile per-packet one-way delay: 59.032 ms

Loss rate: 1.12%



Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:03:58 +0000

End at: Tue, 25 Jul 2017 00:04:28 +0000

Local clock offset: 0.578 ms

Remote clock offset: -0.613 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.73 Mbit/s

95th percentile per-packet one-way delay: 60.537 ms

Loss rate: 1.00%

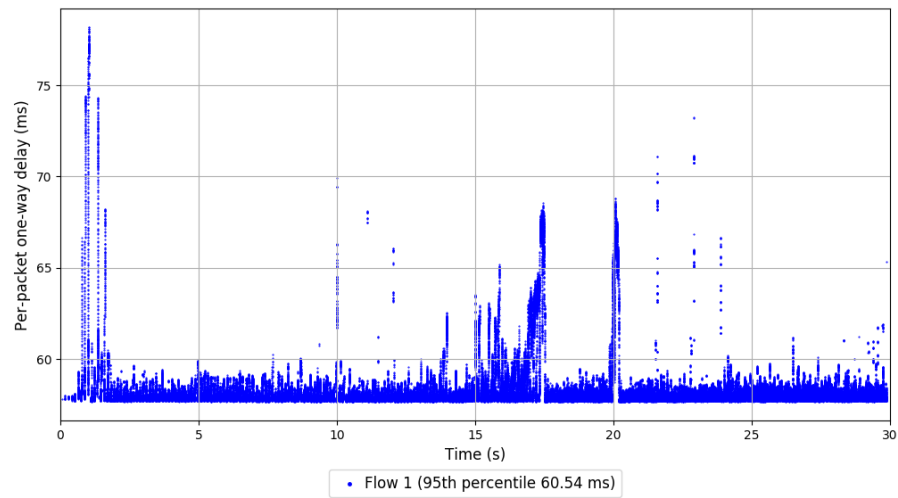
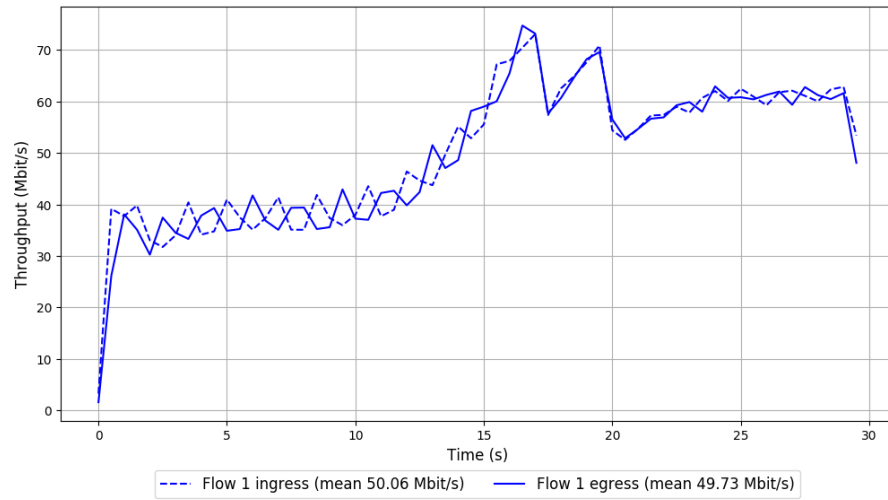
-- Flow 1:

Average throughput: 49.73 Mbit/s

95th percentile per-packet one-way delay: 60.537 ms

Loss rate: 1.00%

#### Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:21:51 +0000

End at: Tue, 25 Jul 2017 00:22:21 +0000

Local clock offset: 0.587 ms

Remote clock offset: -0.009 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.48 Mbit/s

95th percentile per-packet one-way delay: 59.486 ms

Loss rate: 0.90%

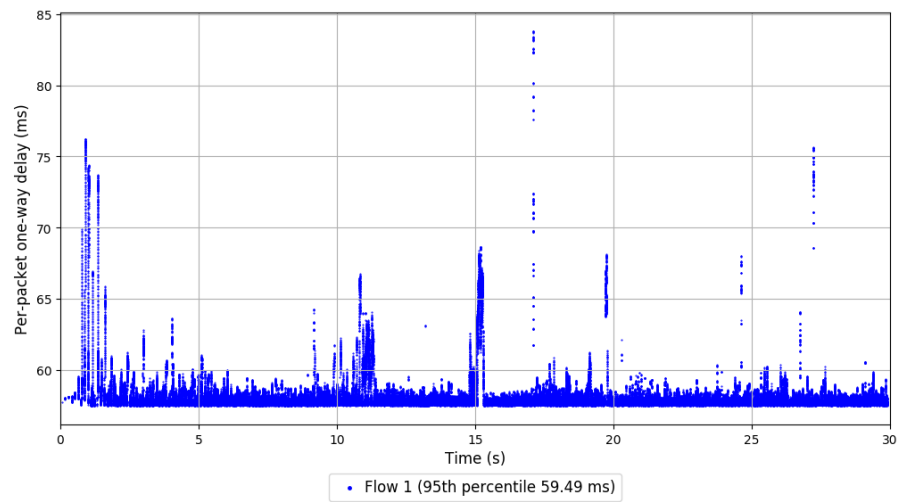
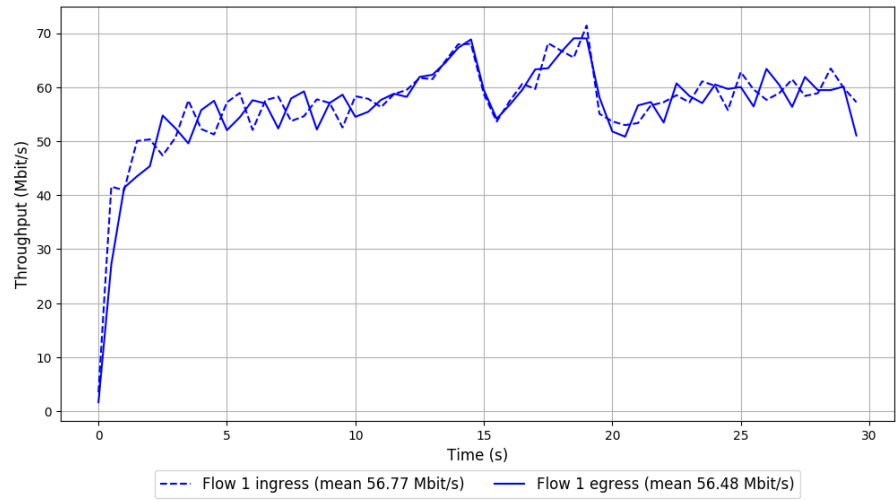
-- Flow 1:

Average throughput: 56.48 Mbit/s

95th percentile per-packet one-way delay: 59.486 ms

Loss rate: 0.90%

### Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:39:43 +0000

End at: Tue, 25 Jul 2017 00:40:13 +0000

Local clock offset: 0.562 ms

Remote clock offset: 0.03 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.17 Mbit/s

95th percentile per-packet one-way delay: 60.139 ms

Loss rate: 0.87%

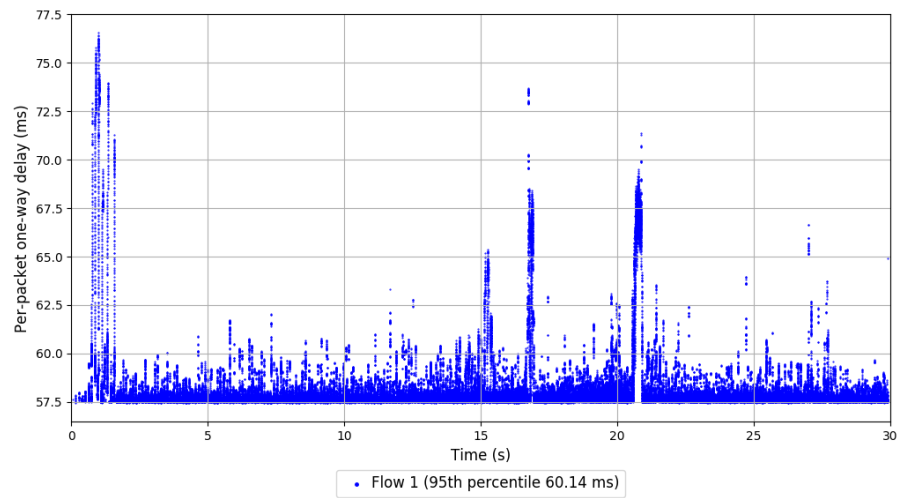
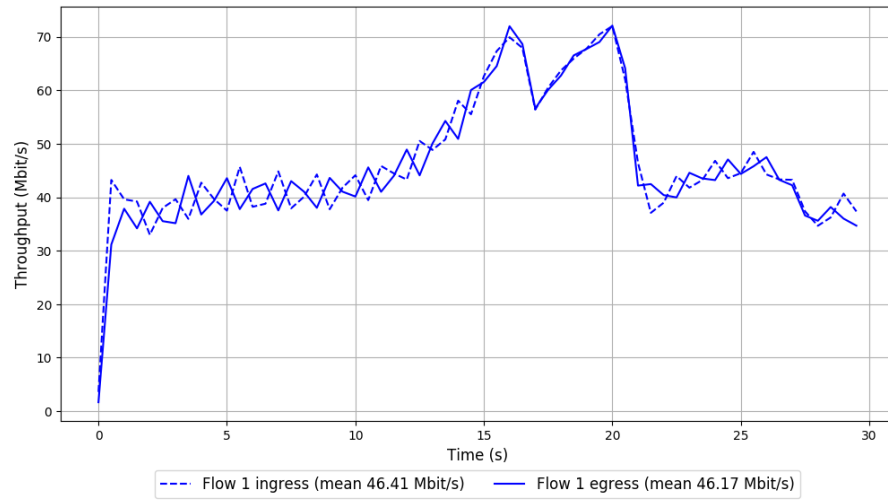
-- Flow 1:

Average throughput: 46.17 Mbit/s

95th percentile per-packet one-way delay: 60.139 ms

Loss rate: 0.87%

## Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:57:45 +0000

End at: Tue, 25 Jul 2017 00:58:15 +0000

Local clock offset: 0.545 ms

Remote clock offset: 0.282 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.35 Mbit/s

95th percentile per-packet one-way delay: 60.447 ms

Loss rate: 0.62%

-- Flow 1:

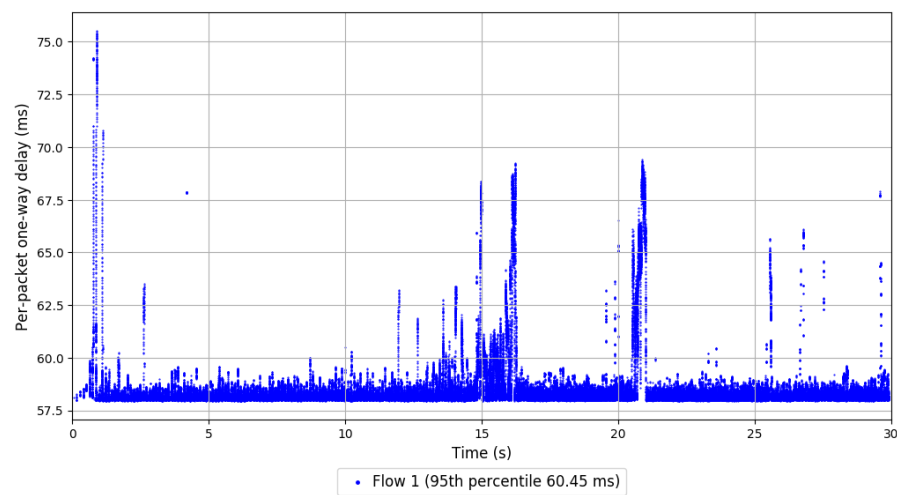
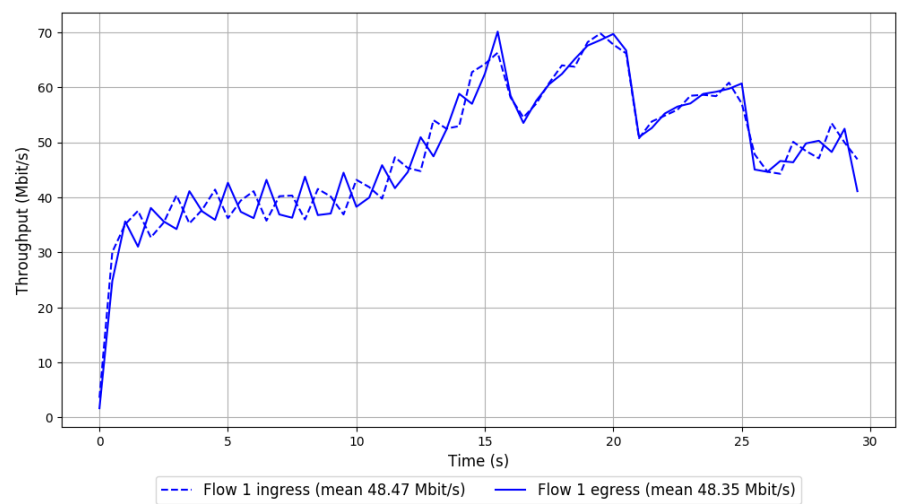
Average throughput: 48.35 Mbit/s

95th percentile per-packet one-way delay: 60.447 ms

Loss rate: 0.62%



Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:15:39 +0000

End at: Tue, 25 Jul 2017 01:16:09 +0000

Local clock offset: 0.429 ms

Remote clock offset: 0.624 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.64 Mbit/s

95th percentile per-packet one-way delay: 59.574 ms

Loss rate: 1.05%

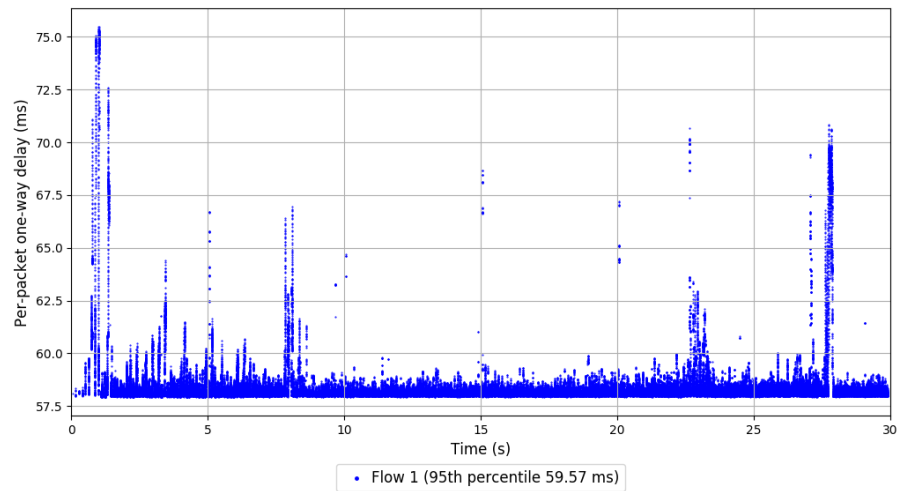
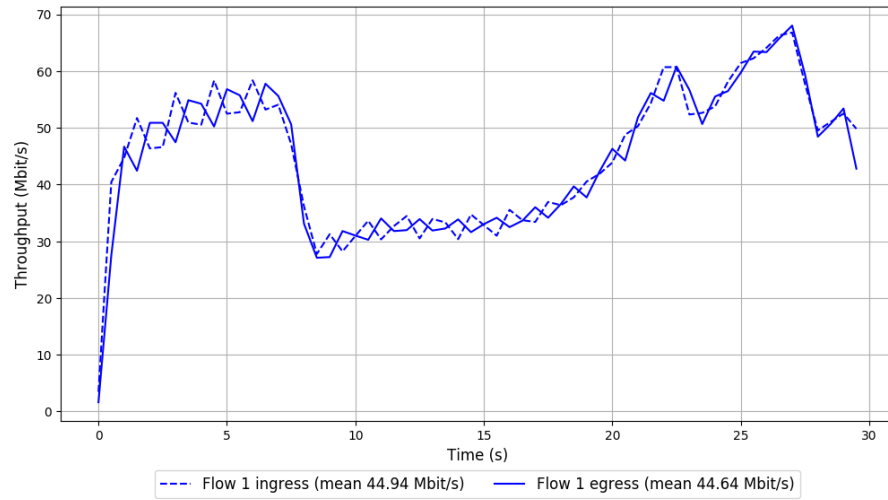
-- Flow 1:

Average throughput: 44.64 Mbit/s

95th percentile per-packet one-way delay: 59.574 ms

Loss rate: 1.05%

### Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:33:32 +0000

End at: Tue, 25 Jul 2017 01:34:02 +0000

Local clock offset: 0.468 ms

Remote clock offset: 1.119 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.51 Mbit/s

95th percentile per-packet one-way delay: 61.126 ms

Loss rate: 0.57%

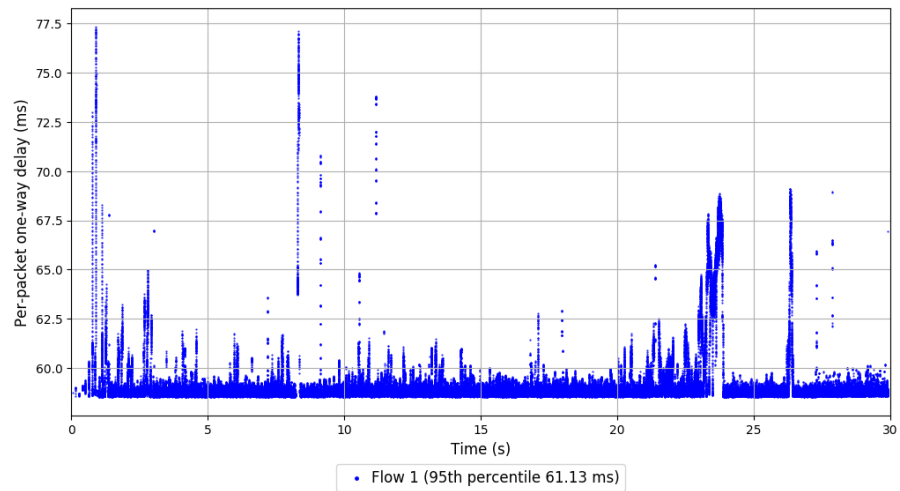
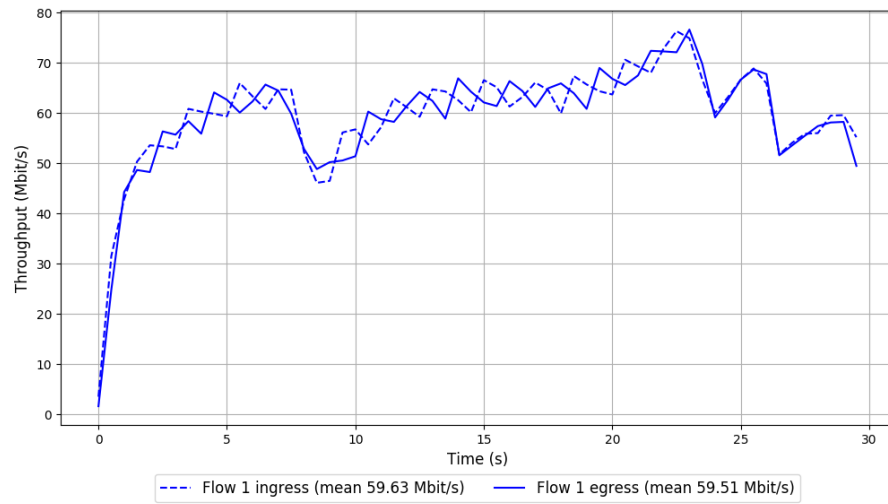
-- Flow 1:

Average throughput: 59.51 Mbit/s

95th percentile per-packet one-way delay: 61.126 ms

Loss rate: 0.57%

### Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:51:12 +0000

End at: Tue, 25 Jul 2017 01:51:43 +0000

Local clock offset: 0.444 ms

Remote clock offset: 1.826 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.33 Mbit/s

95th percentile per-packet one-way delay: 59.218 ms

Loss rate: 0.99%

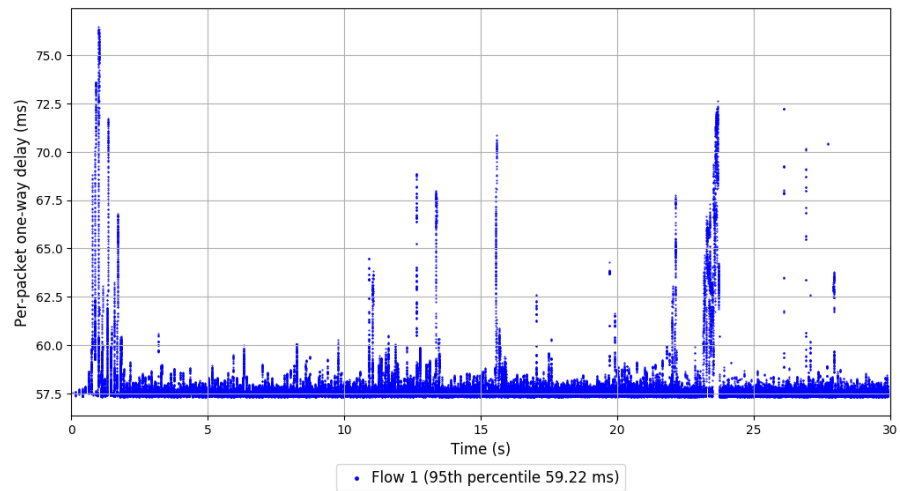
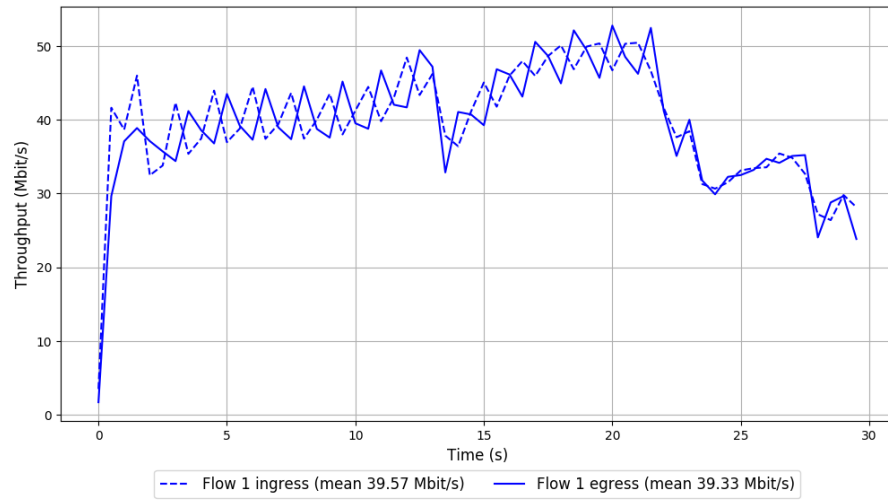
-- Flow 1:

Average throughput: 39.33 Mbit/s

95th percentile per-packet one-way delay: 59.218 ms

Loss rate: 0.99%

### Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:07:53 +0000

End at: Mon, 24 Jul 2017 23:08:23 +0000

Local clock offset: 0.348 ms

Remote clock offset: 2.133 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 58.942 ms

Loss rate: 0.39%

-- Flow 1:

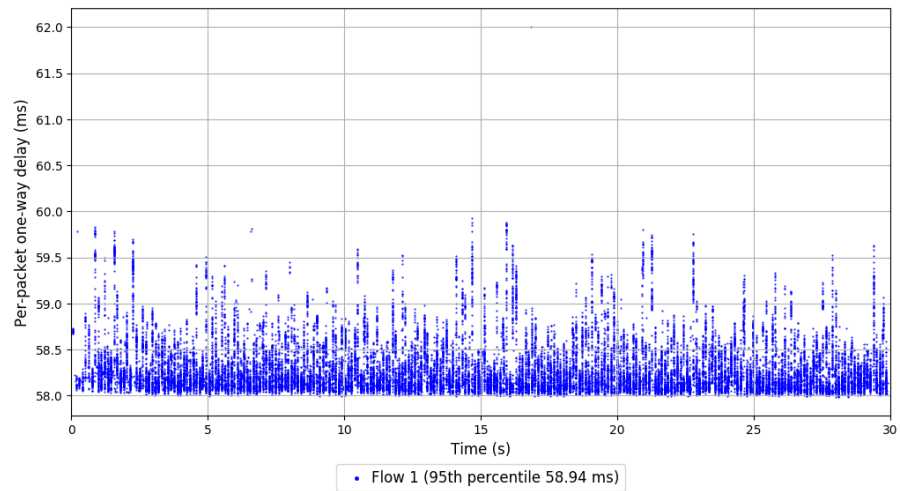
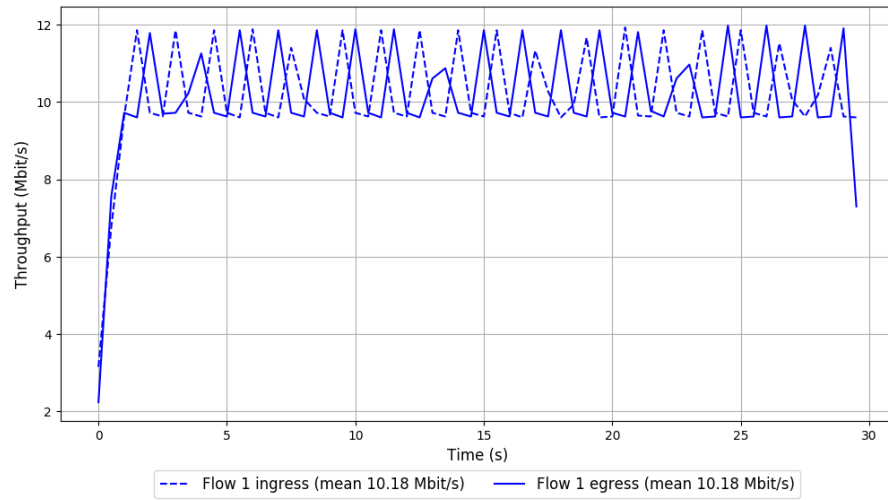
Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 58.942 ms

Loss rate: 0.39%



### Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:25:46 +0000

End at: Mon, 24 Jul 2017 23:26:16 +0000

Local clock offset: 0.51 ms

Remote clock offset: 1.796 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 58.504 ms

Loss rate: 0.40%

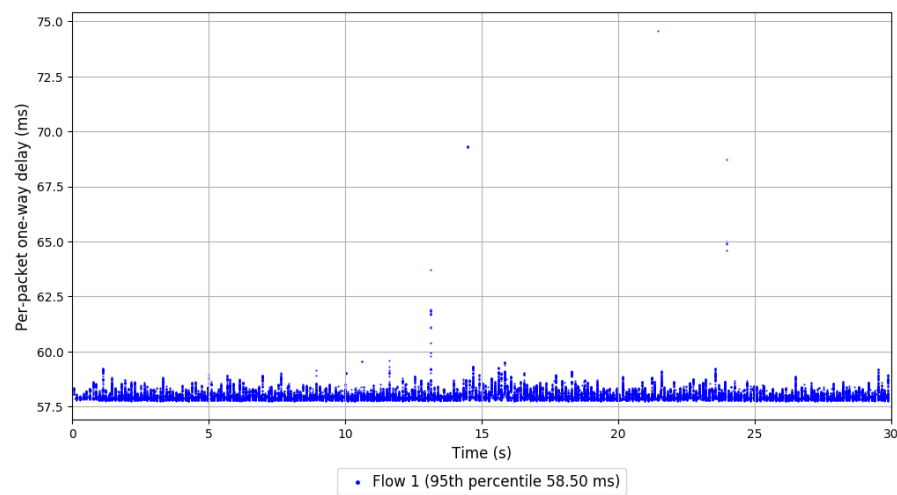
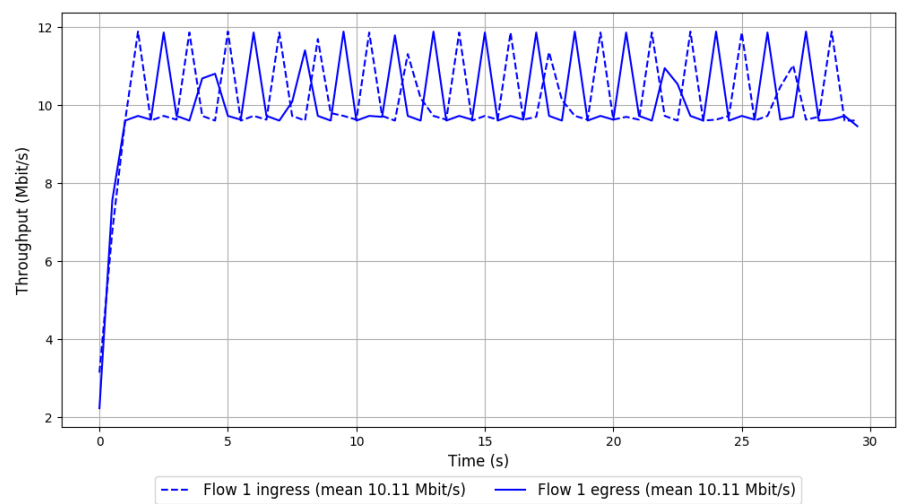
-- Flow 1:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 58.504 ms

Loss rate: 0.40%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:43:39 +0000

End at: Mon, 24 Jul 2017 23:44:09 +0000

Local clock offset: 0.496 ms

Remote clock offset: 0.485 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.02 Mbit/s

95th percentile per-packet one-way delay: 59.185 ms

Loss rate: 0.40%

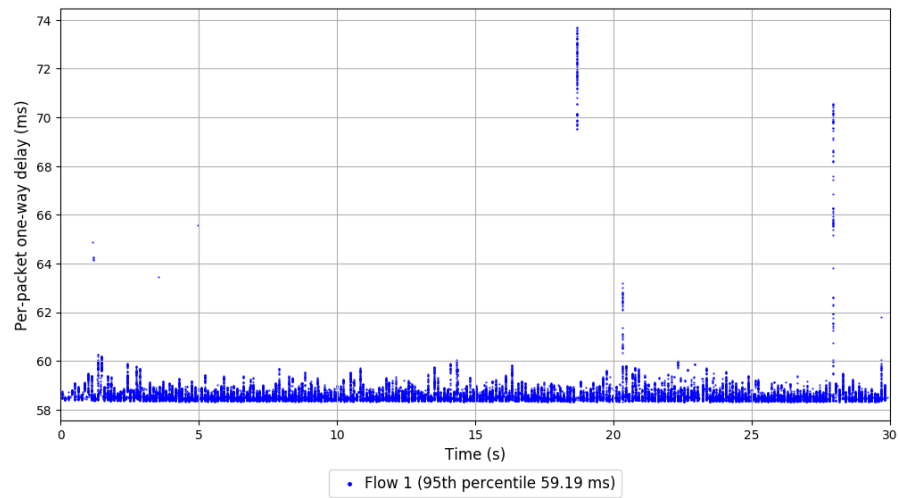
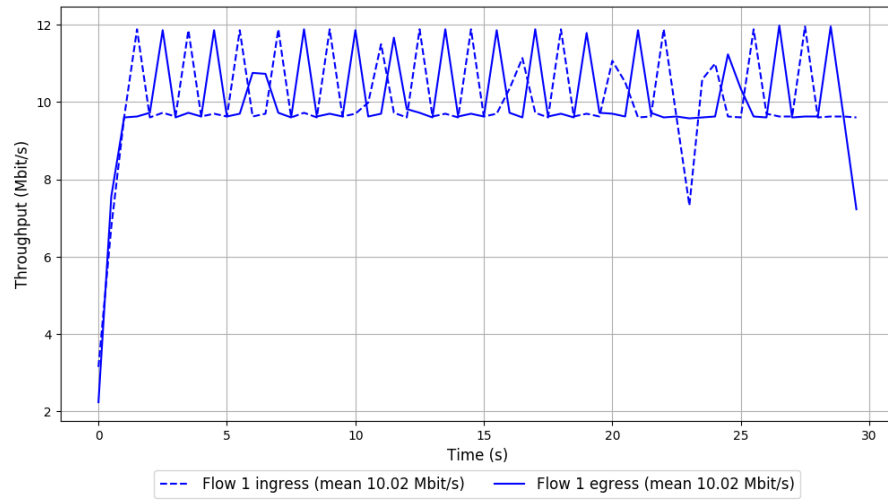
-- Flow 1:

Average throughput: 10.02 Mbit/s

95th percentile per-packet one-way delay: 59.185 ms

Loss rate: 0.40%

### Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:01:38 +0000

End at: Tue, 25 Jul 2017 00:02:08 +0000

Local clock offset: 0.571 ms

Remote clock offset: -0.639 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.15 Mbit/s

95th percentile per-packet one-way delay: 58.632 ms

Loss rate: 0.40%

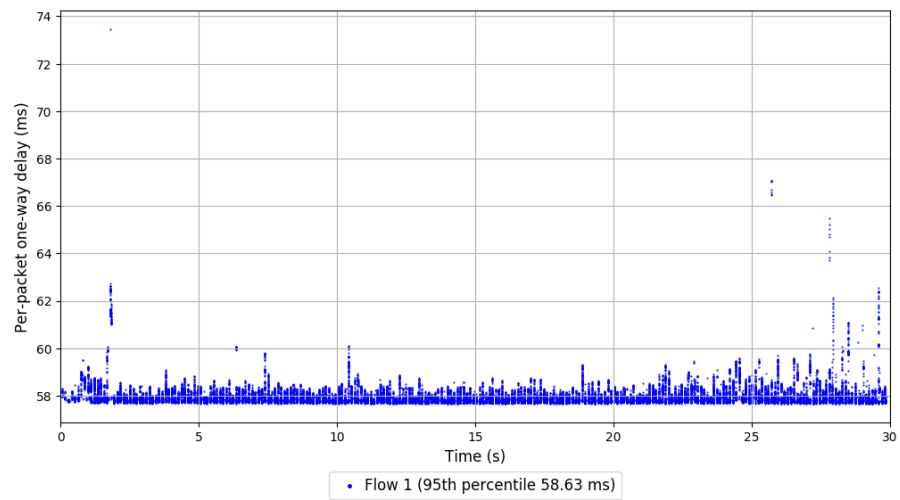
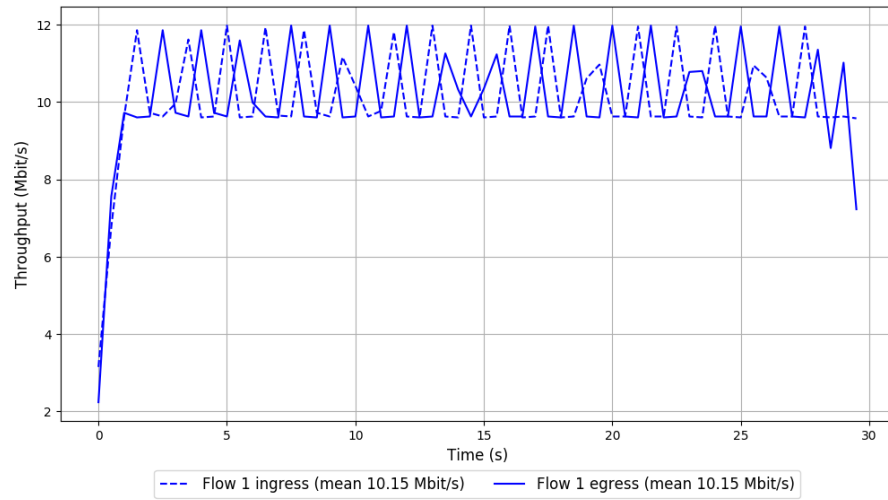
-- Flow 1:

Average throughput: 10.15 Mbit/s

95th percentile per-packet one-way delay: 58.632 ms

Loss rate: 0.40%

#### Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:19:30 +0000

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

Local clock offset: 0.561 ms

Remote clock offset: -0.202 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.14 Mbit/s

95th percentile per-packet one-way delay: 58.725 ms

Loss rate: 0.40%

-- Flow 1:

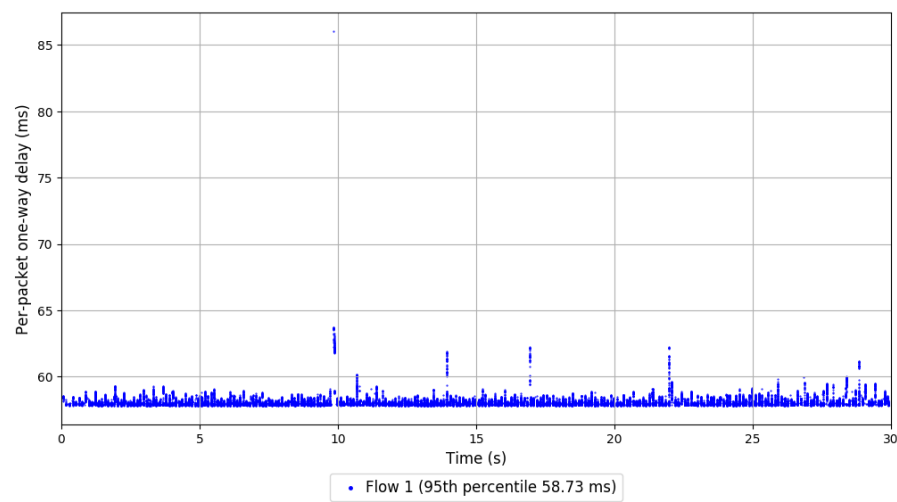
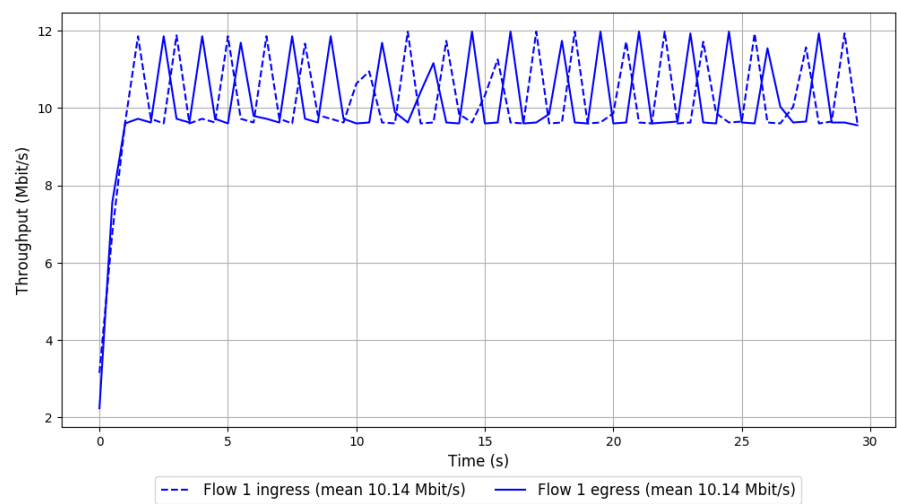
Average throughput: 10.14 Mbit/s

95th percentile per-packet one-way delay: 58.725 ms

Loss rate: 0.40%



Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:37:26 +0000

End at: Tue, 25 Jul 2017 00:37:56 +0000

Local clock offset: 0.565 ms

Remote clock offset: -0.029 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 59.185 ms

Loss rate: 0.40%

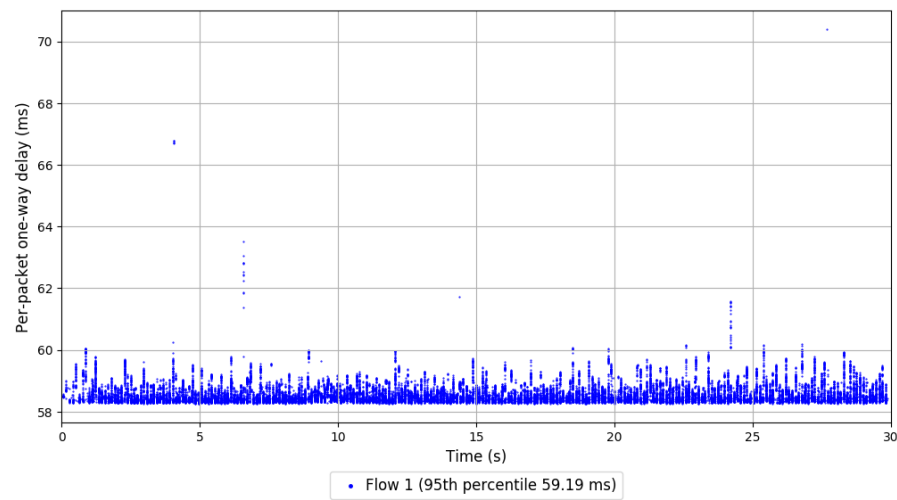
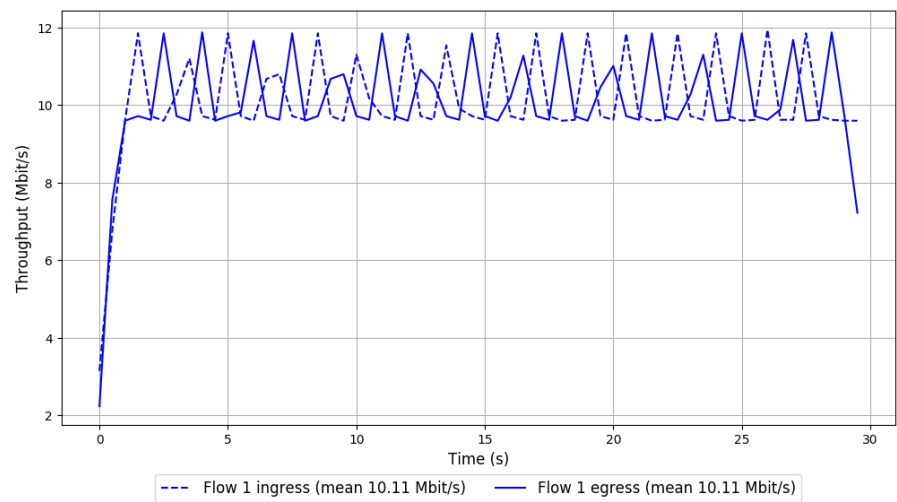
-- Flow 1:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 59.185 ms

Loss rate: 0.40%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

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

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

Local clock offset: 0.476 ms

Remote clock offset: -0.027 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 59.418 ms

Loss rate: 0.39%

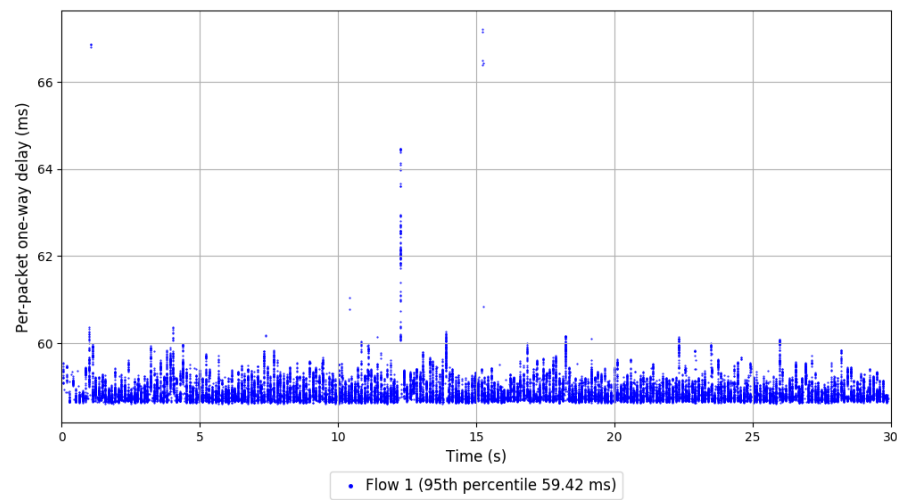
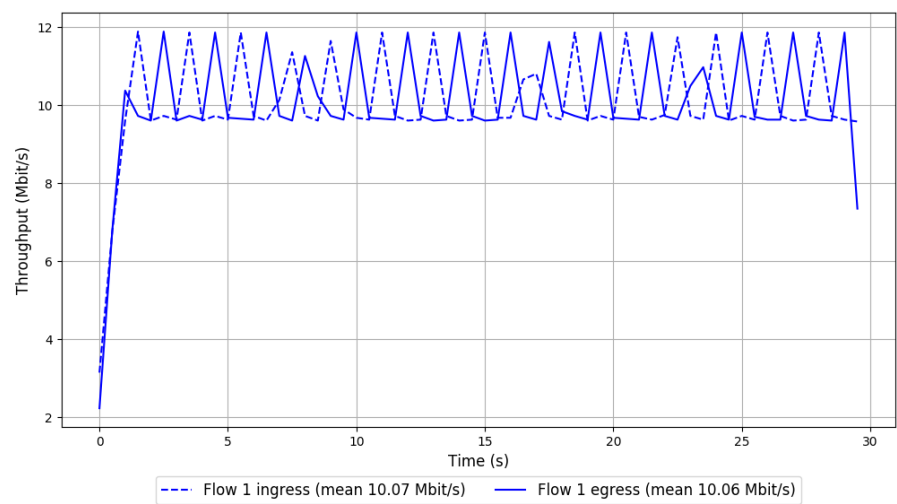
-- Flow 1:

Average throughput: 10.06 Mbit/s

95th percentile per-packet one-way delay: 59.418 ms

Loss rate: 0.39%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:13:19 +0000

End at: Tue, 25 Jul 2017 01:13:49 +0000

Local clock offset: 0.498 ms

Remote clock offset: 0.232 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 59.658 ms

Loss rate: 0.39%

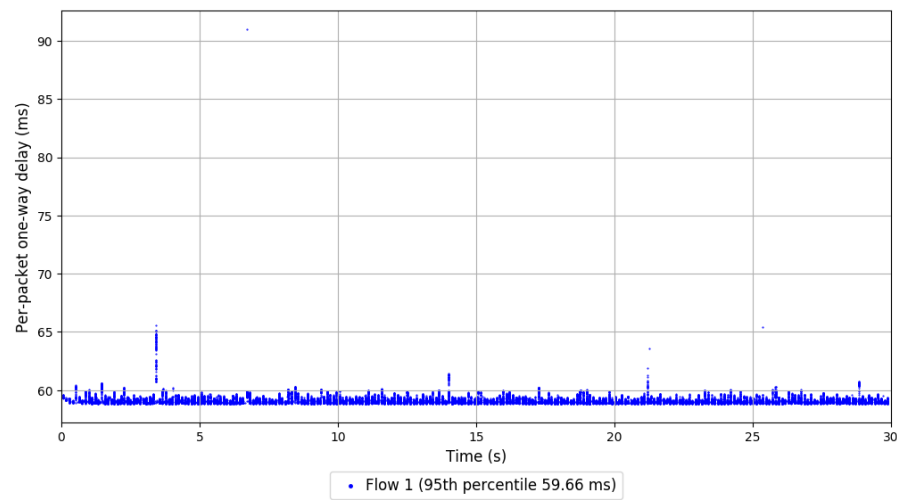
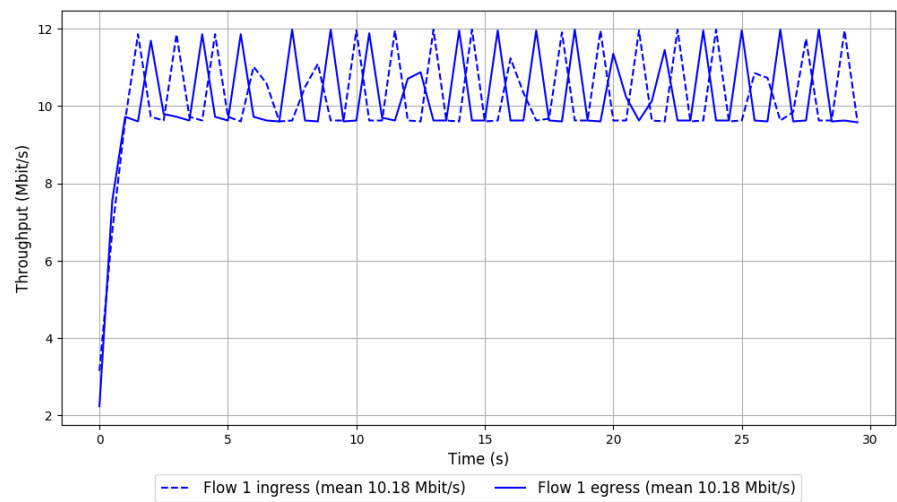
-- Flow 1:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 59.658 ms

Loss rate: 0.39%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:31:15 +0000

End at: Tue, 25 Jul 2017 01:31:45 +0000

Local clock offset: 0.391 ms

Remote clock offset: 1.034 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 59.099 ms

Loss rate: 0.40%

-- Flow 1:

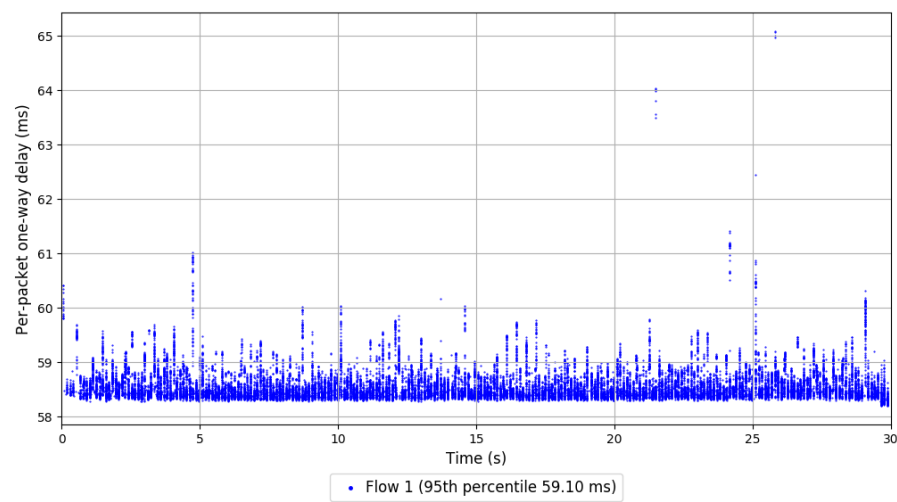
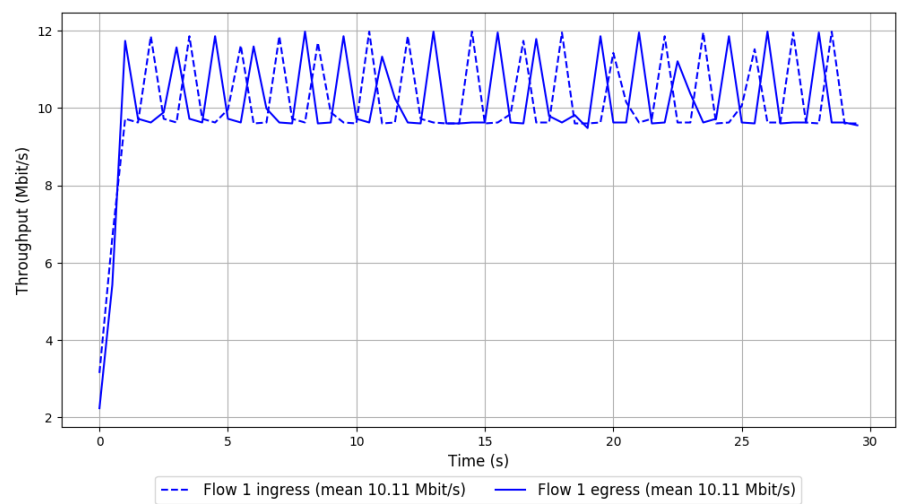
Average throughput: 10.11 Mbit/s

95th percentile per-packet one-way delay: 59.099 ms

Loss rate: 0.40%



Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:48:56 +0000

End at: Tue, 25 Jul 2017 01:49:26 +0000

Local clock offset: 0.453 ms

Remote clock offset: 1.288 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 59.003 ms

Loss rate: 0.38%

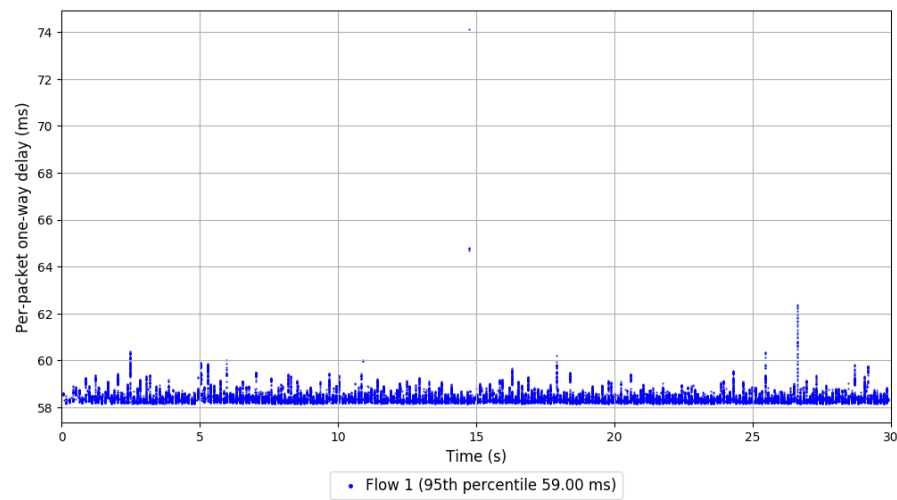
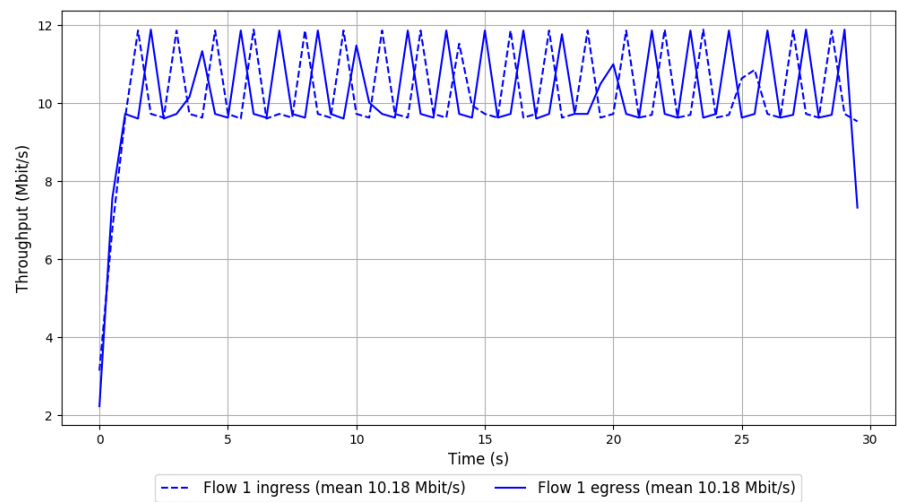
-- Flow 1:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 59.003 ms

Loss rate: 0.38%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:09:02 +0000

End at: Mon, 24 Jul 2017 23:09:32 +0000

Local clock offset: 0.423 ms

Remote clock offset: 2.404 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.42 Mbit/s

95th percentile per-packet one-way delay: 59.079 ms

Loss rate: 0.77%

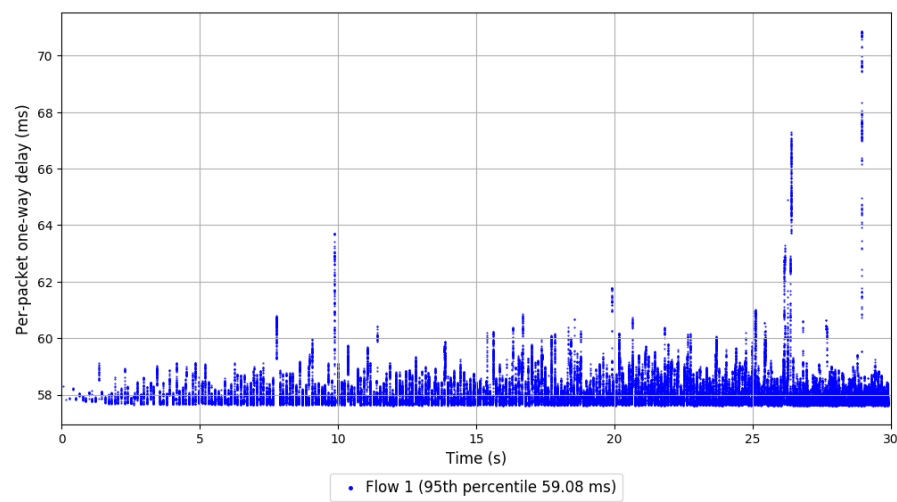
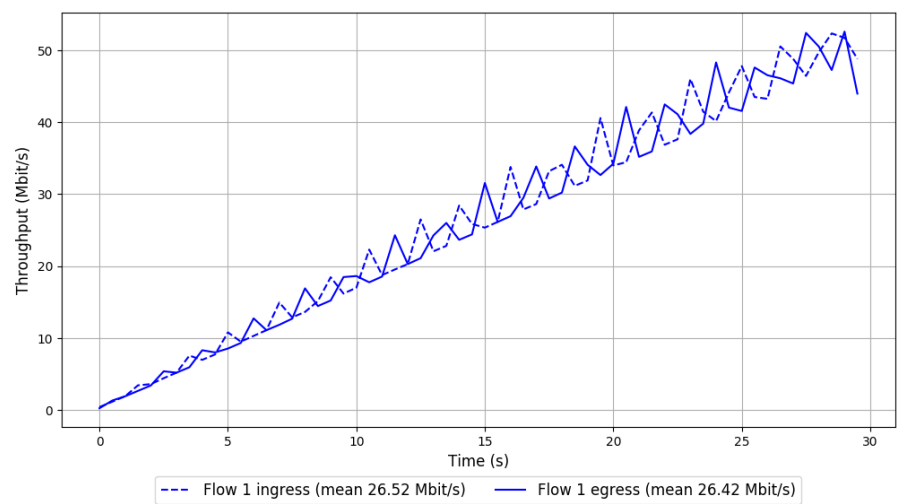
-- Flow 1:

Average throughput: 26.42 Mbit/s

95th percentile per-packet one-way delay: 59.079 ms

Loss rate: 0.77%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

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

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

Local clock offset: 0.423 ms

Remote clock offset: 1.357 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.47 Mbit/s

95th percentile per-packet one-way delay: 59.081 ms

Loss rate: 0.77%

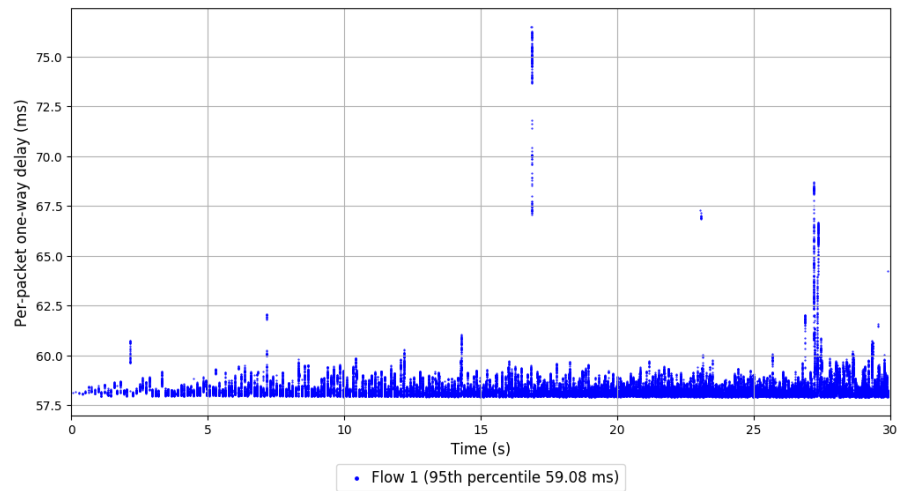
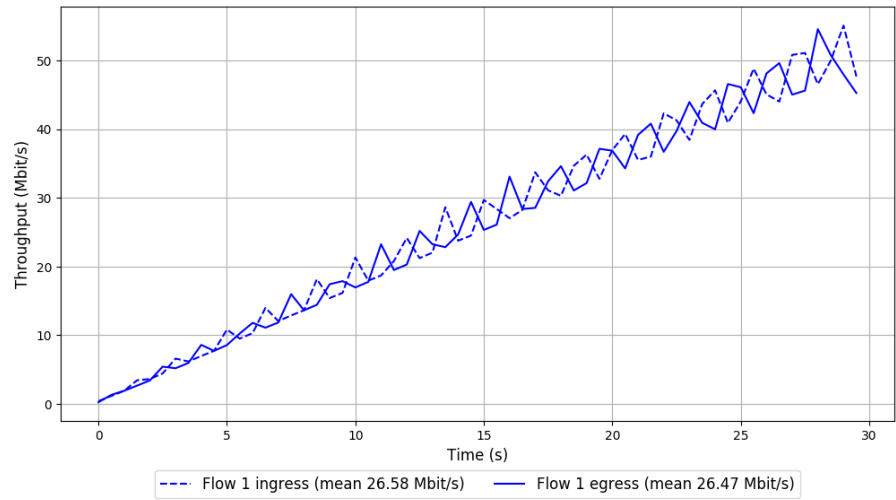
-- Flow 1:

Average throughput: 26.47 Mbit/s

95th percentile per-packet one-way delay: 59.081 ms

Loss rate: 0.77%

## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:44:48 +0000

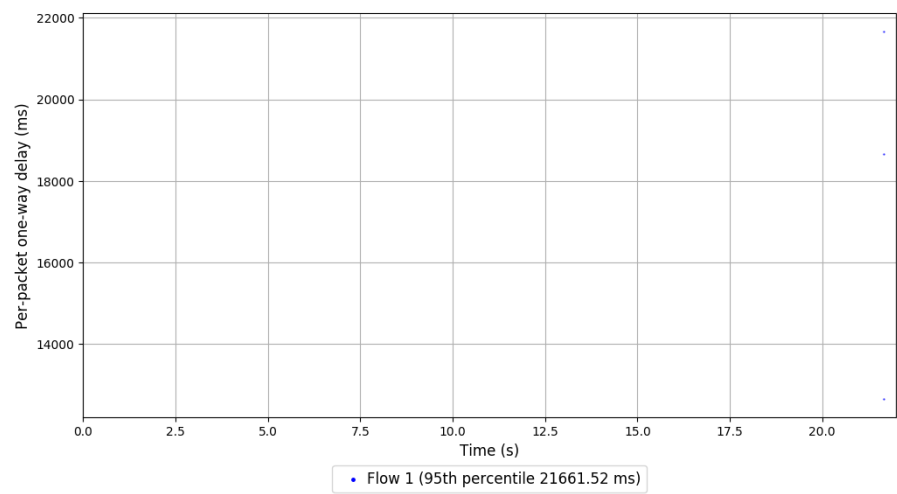
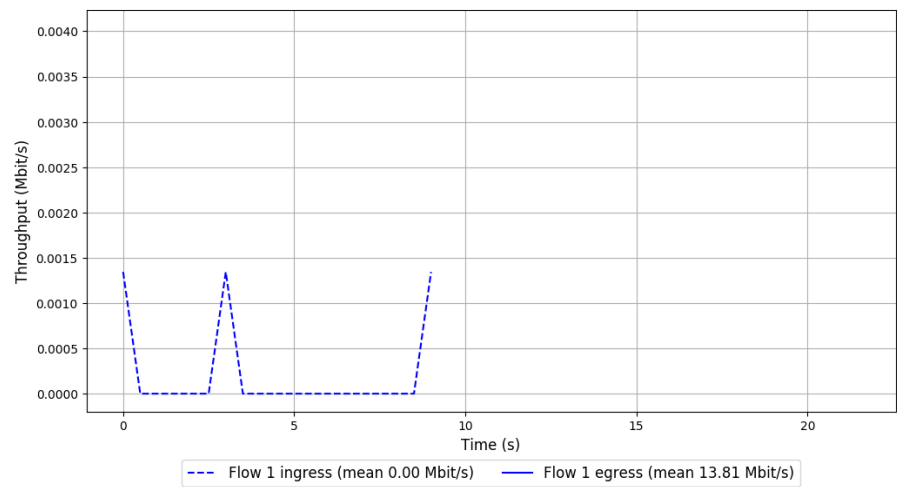
End at: Mon, 24 Jul 2017 23:45:18 +0000

Local clock offset: 0.544 ms

Remote clock offset: 0.481 ms



Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:02:47 +0000

End at: Tue, 25 Jul 2017 00:03:17 +0000

Local clock offset: 0.594 ms

Remote clock offset: -0.372 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.82 Mbit/s

95th percentile per-packet one-way delay: 59.740 ms

Loss rate: 0.77%

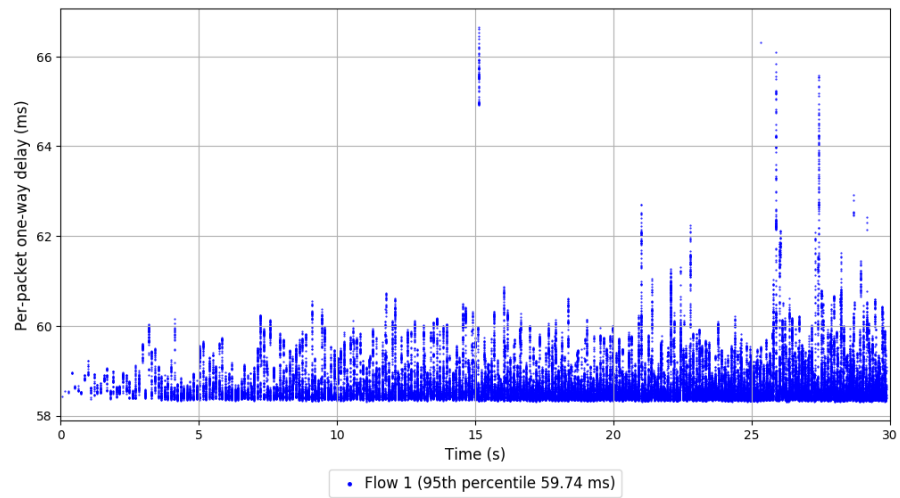
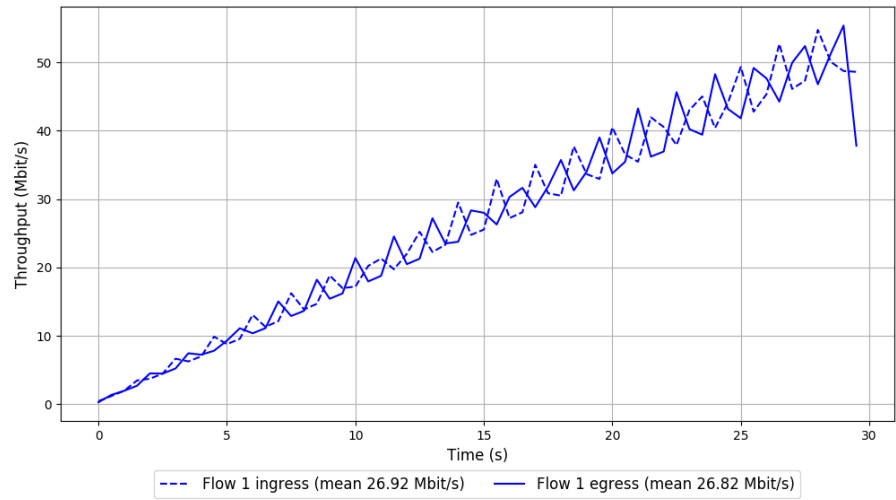
-- Flow 1:

Average throughput: 26.82 Mbit/s

95th percentile per-packet one-way delay: 59.740 ms

Loss rate: 0.77%

#### Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:20:40 +0000

End at: Tue, 25 Jul 2017 00:21:10 +0000

Local clock offset: 0.612 ms

Remote clock offset: -0.31 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.25 Mbit/s

95th percentile per-packet one-way delay: 59.077 ms

Loss rate: 0.77%

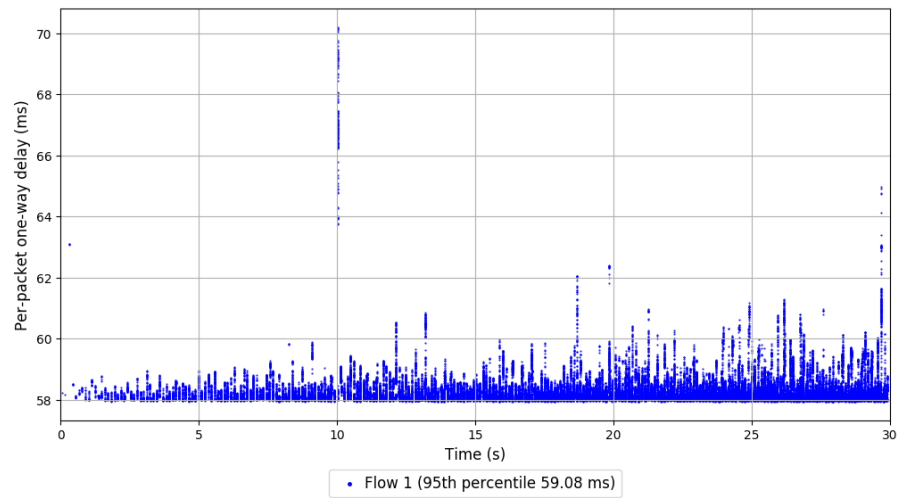
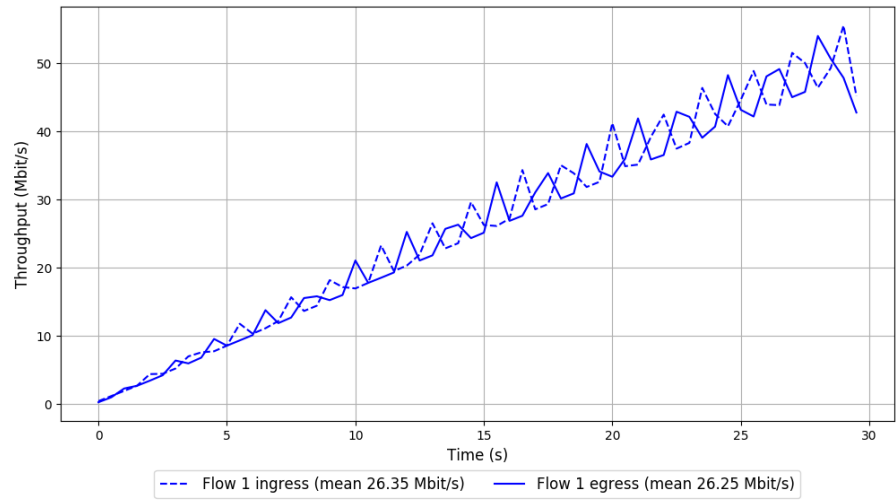
-- Flow 1:

Average throughput: 26.25 Mbit/s

95th percentile per-packet one-way delay: 59.077 ms

Loss rate: 0.77%

### Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

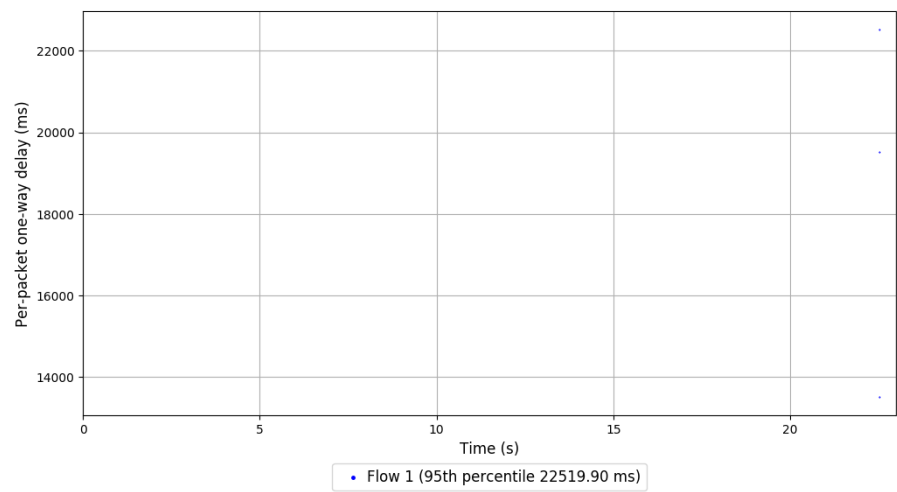
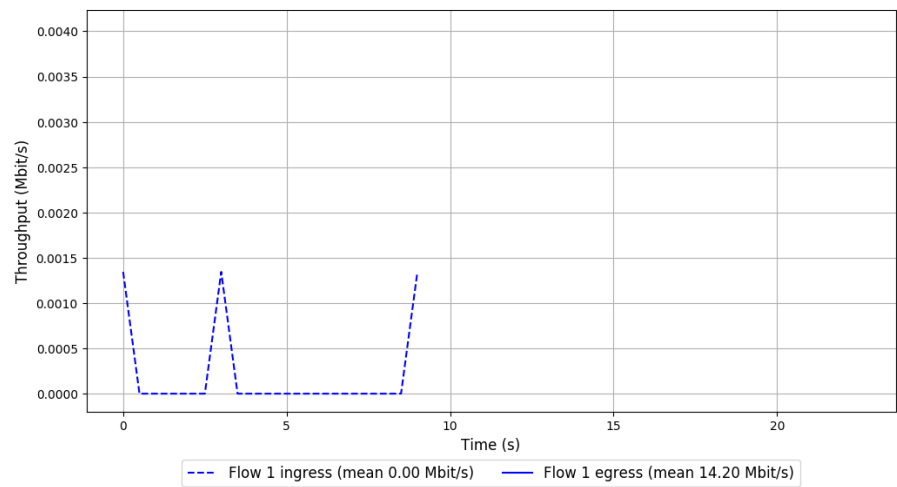
Start at: Tue, 25 Jul 2017 00:38:35 +0000

End at: Tue, 25 Jul 2017 00:39:05 +0000

Local clock offset: 0.594 ms

Remote clock offset: -0.429 ms

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:56:34 +0000

End at: Tue, 25 Jul 2017 00:57:04 +0000

Local clock offset: 0.565 ms

Remote clock offset: 0.015 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.58 Mbit/s

95th percentile per-packet one-way delay: 59.299 ms

Loss rate: 0.76%

-- Flow 1:

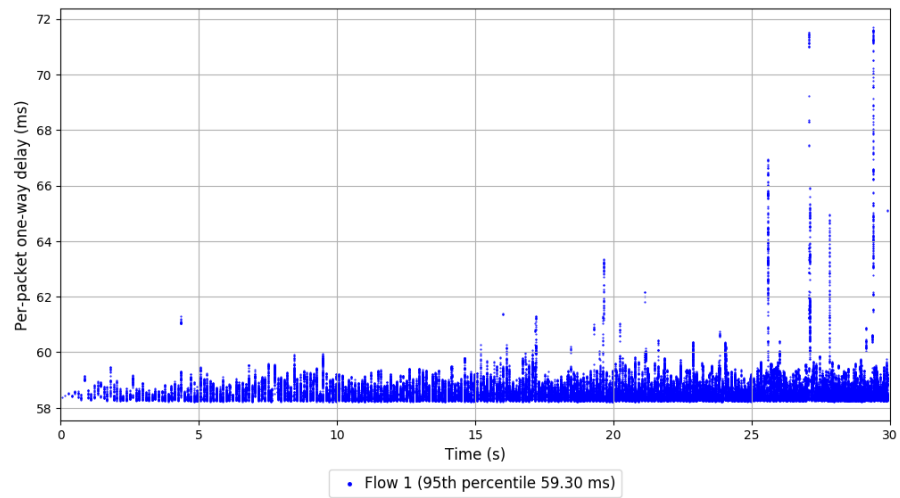
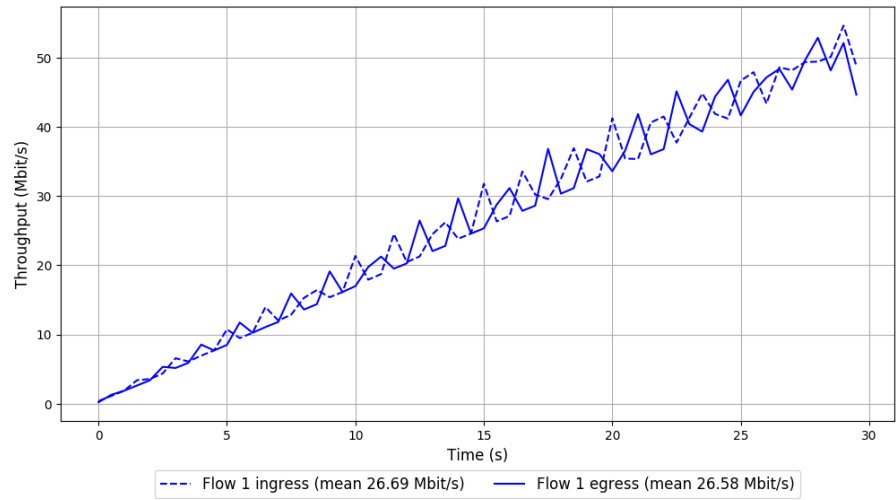
Average throughput: 26.58 Mbit/s

95th percentile per-packet one-way delay: 59.299 ms

Loss rate: 0.76%



## Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:14:28 +0000

End at: Tue, 25 Jul 2017 01:14:58 +0000

Local clock offset: 0.481 ms

Remote clock offset: 0.764 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 26.92 Mbit/s

95th percentile per-packet one-way delay: 59.489 ms

Loss rate: 0.76%

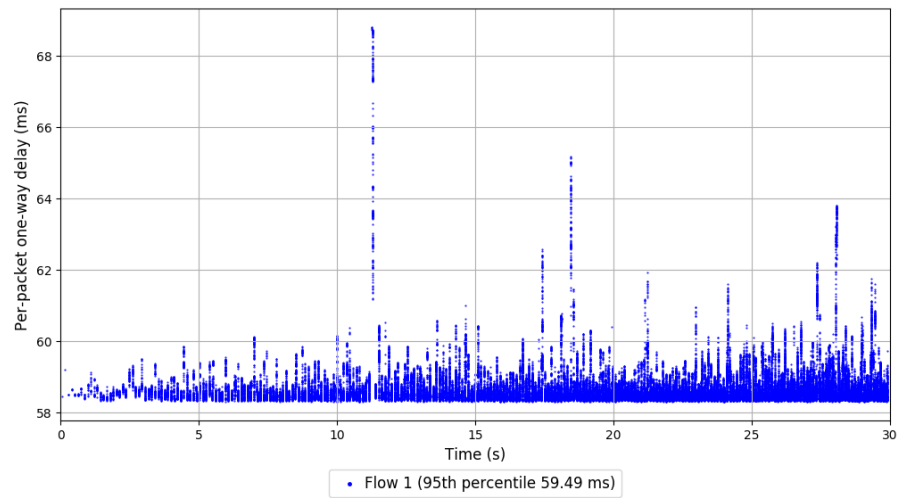
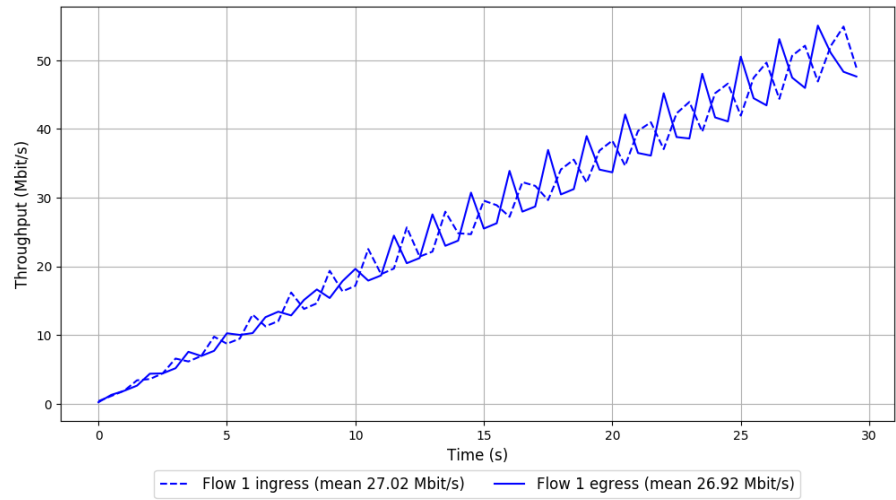
-- Flow 1:

Average throughput: 26.92 Mbit/s

95th percentile per-packet one-way delay: 59.489 ms

Loss rate: 0.76%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

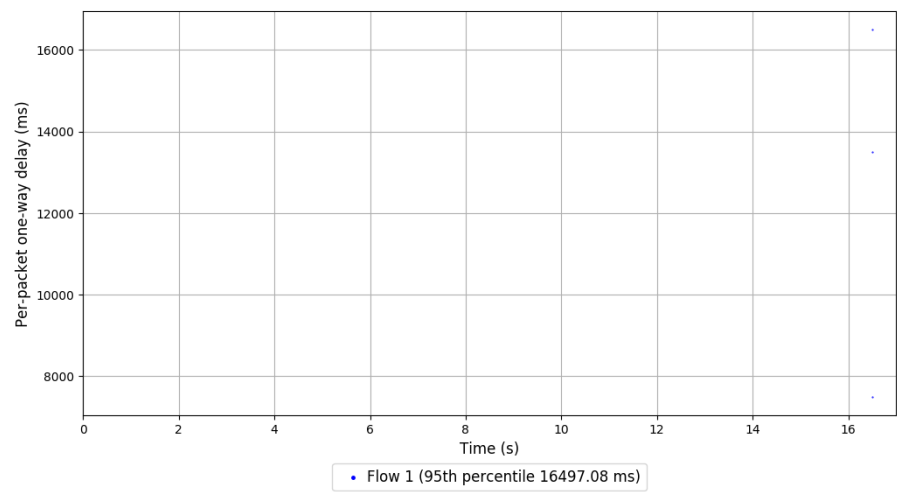
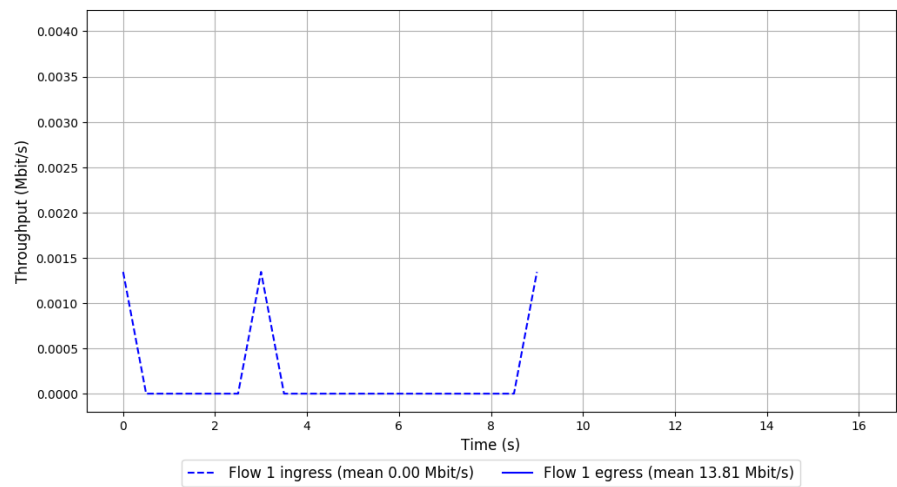
Start at: Tue, 25 Jul 2017 01:32:24 +0000

End at: Tue, 25 Jul 2017 01:32:54 +0000

Local clock offset: 0.47 ms

Remote clock offset: 1.091 ms

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:50:05 +0000

End at: Tue, 25 Jul 2017 01:50:35 +0000

Local clock offset: 0.418 ms

Remote clock offset: 1.188 ms

Run 10: Report of LEDBAT — Data Link

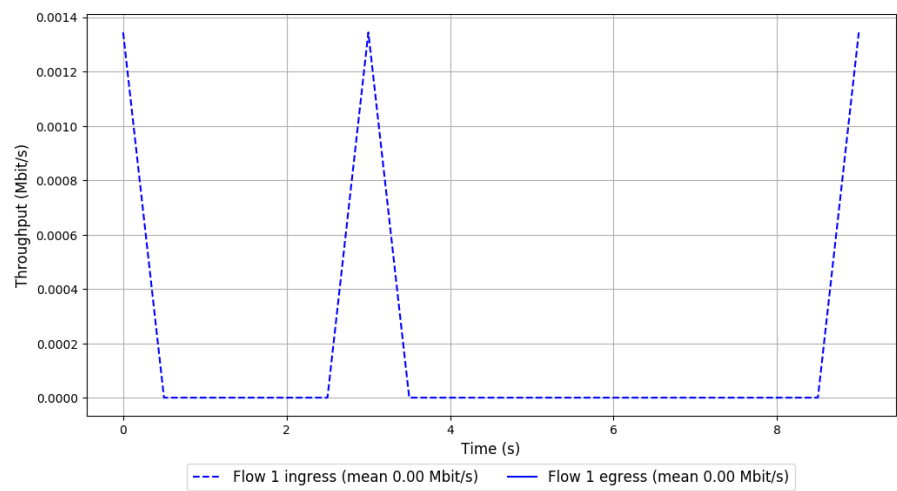


Figure is missing

Run 1: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:06:41 +0000

End at: Mon, 24 Jul 2017 23:07:11 +0000

Local clock offset: 0.385 ms

Remote clock offset: 2.232 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.85 Mbit/s

95th percentile per-packet one-way delay: 68.009 ms

Loss rate: 2.98%

-- Flow 1:

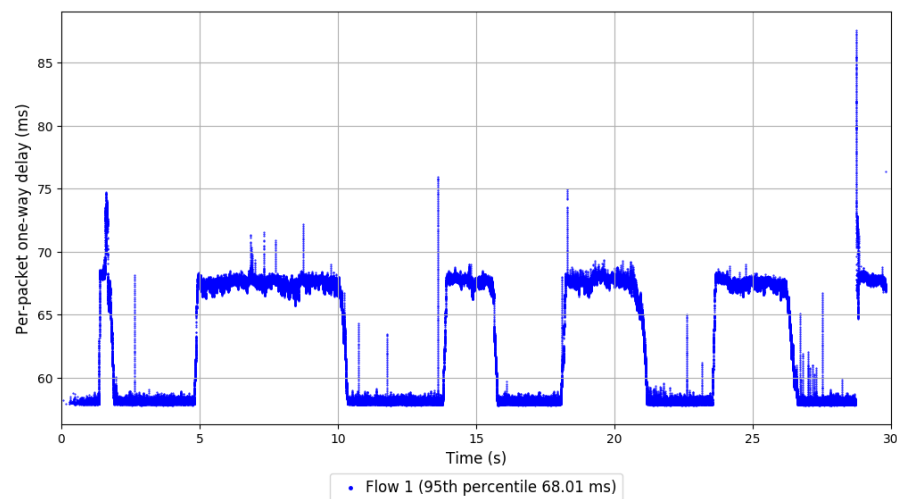
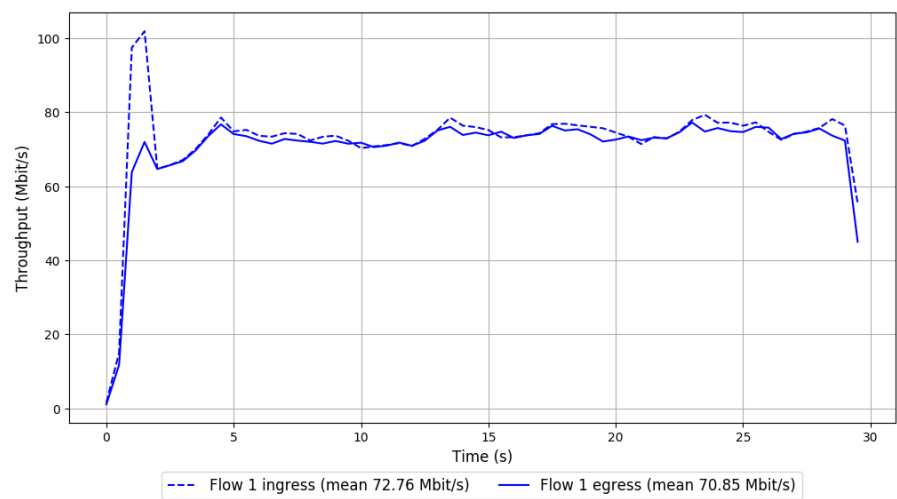
Average throughput: 70.85 Mbit/s

95th percentile per-packet one-way delay: 68.009 ms

Loss rate: 2.98%



Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

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

End at: Mon, 24 Jul 2017 23:25:04 +0000

Local clock offset: 0.476 ms

Remote clock offset: 1.518 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.38 Mbit/s

95th percentile per-packet one-way delay: 68.423 ms

Loss rate: 3.41%

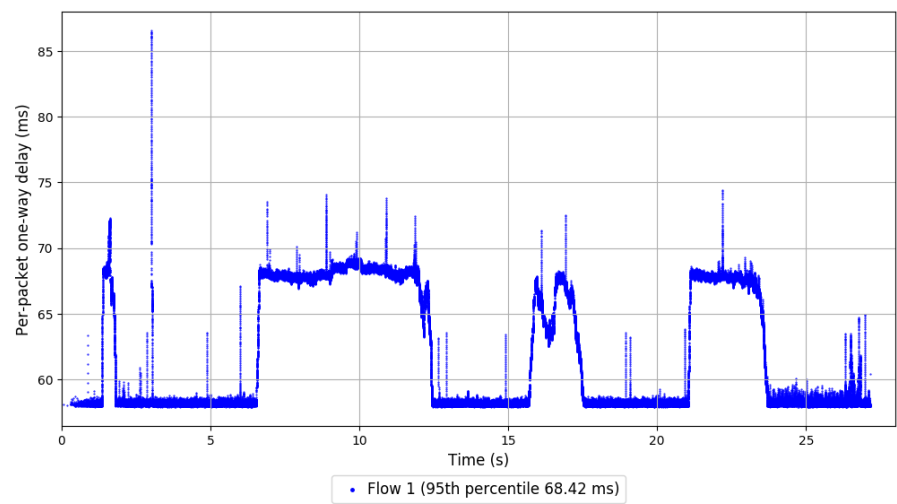
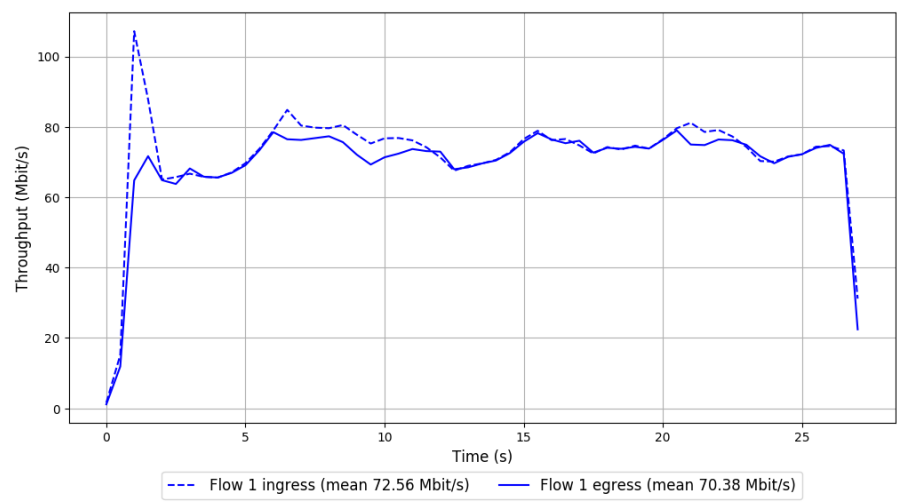
-- Flow 1:

Average throughput: 70.38 Mbit/s

95th percentile per-packet one-way delay: 68.423 ms

Loss rate: 3.41%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:42:27 +0000

End at: Mon, 24 Jul 2017 23:42:57 +0000

Local clock offset: 0.489 ms

Remote clock offset: 0.557 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.59 Mbit/s

95th percentile per-packet one-way delay: 67.842 ms

Loss rate: 2.94%

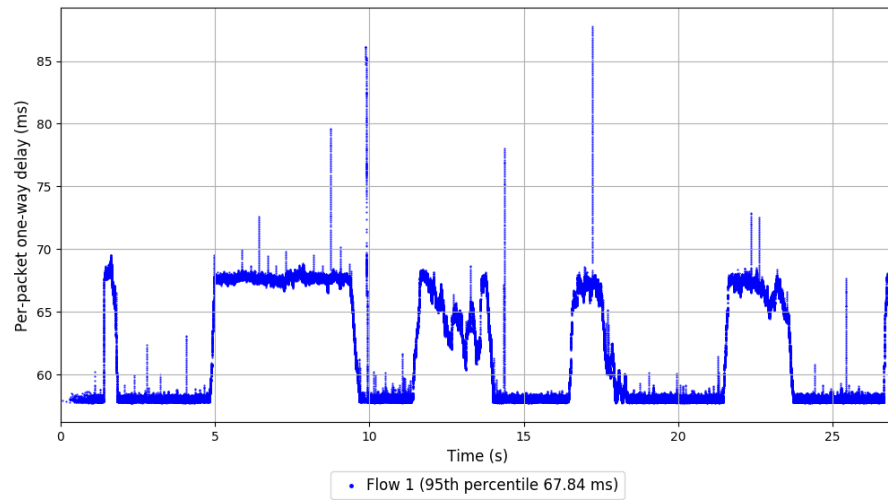
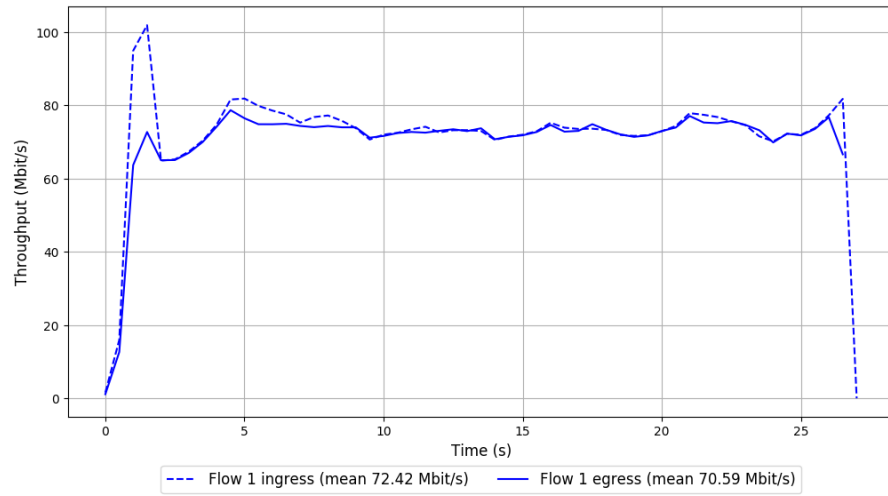
-- Flow 1:

Average throughput: 70.59 Mbit/s

95th percentile per-packet one-way delay: 67.842 ms

Loss rate: 2.94%

### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

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

End at: Tue, 25 Jul 2017 00:00:57 +0000

Local clock offset: 0.559 ms

Remote clock offset: -0.57 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.05 Mbit/s

95th percentile per-packet one-way delay: 70.916 ms

Loss rate: 5.06%

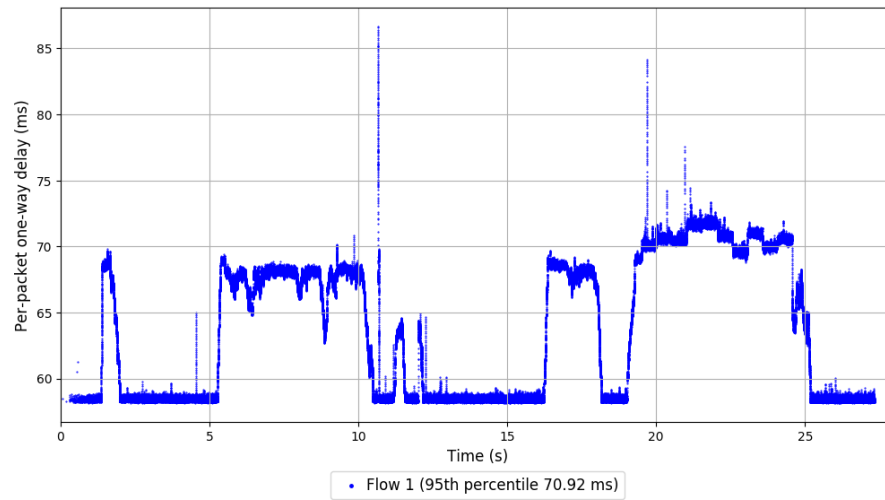
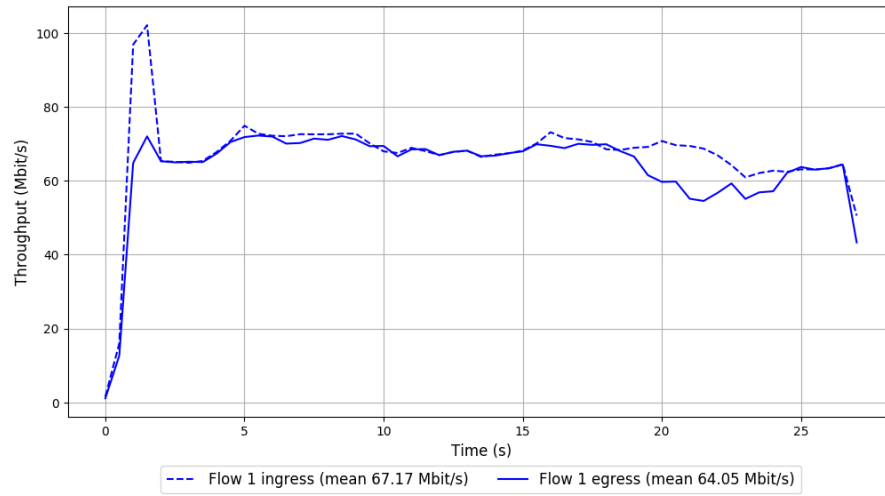
-- Flow 1:

Average throughput: 64.05 Mbit/s

95th percentile per-packet one-way delay: 70.916 ms

Loss rate: 5.06%

#### Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:18:19 +0000

End at: Tue, 25 Jul 2017 00:18:49 +0000

Local clock offset: 0.63 ms

Remote clock offset: -0.189 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.16 Mbit/s

95th percentile per-packet one-way delay: 69.942 ms

Loss rate: 6.09%

-- Flow 1:

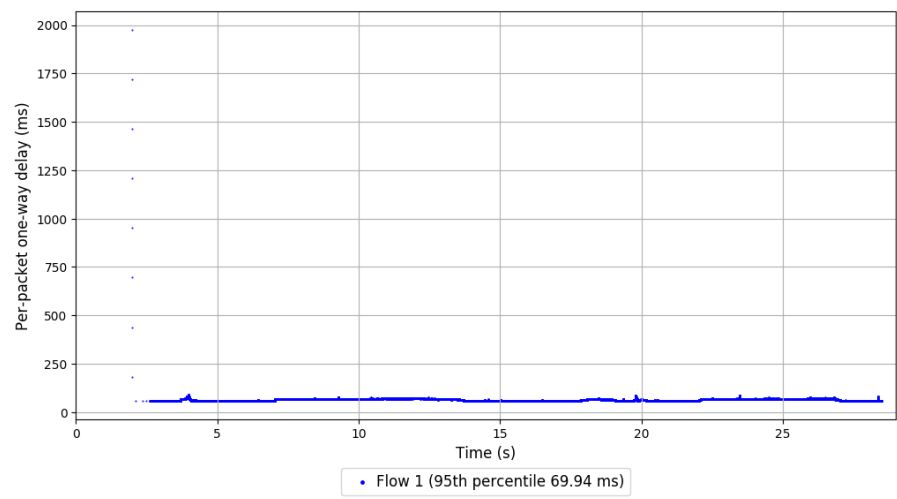
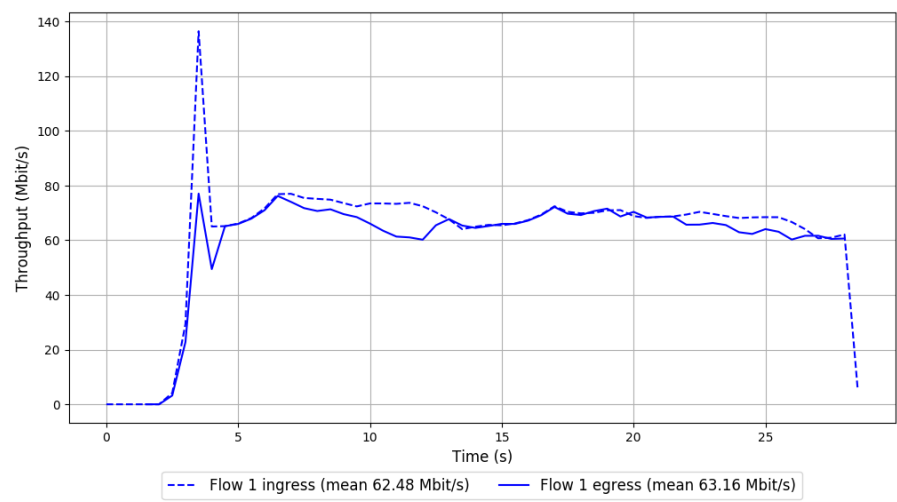
Average throughput: 63.16 Mbit/s

95th percentile per-packet one-way delay: 69.942 ms

Loss rate: 6.09%



Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:36:14 +0000

End at: Tue, 25 Jul 2017 00:36:44 +0000

Local clock offset: 0.568 ms

Remote clock offset: 0.029 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.69 Mbit/s

95th percentile per-packet one-way delay: 68.166 ms

Loss rate: 3.46%

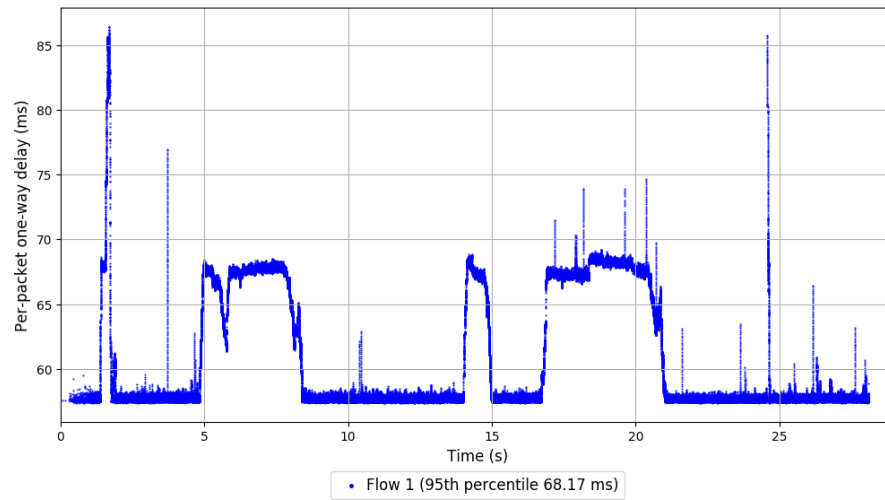
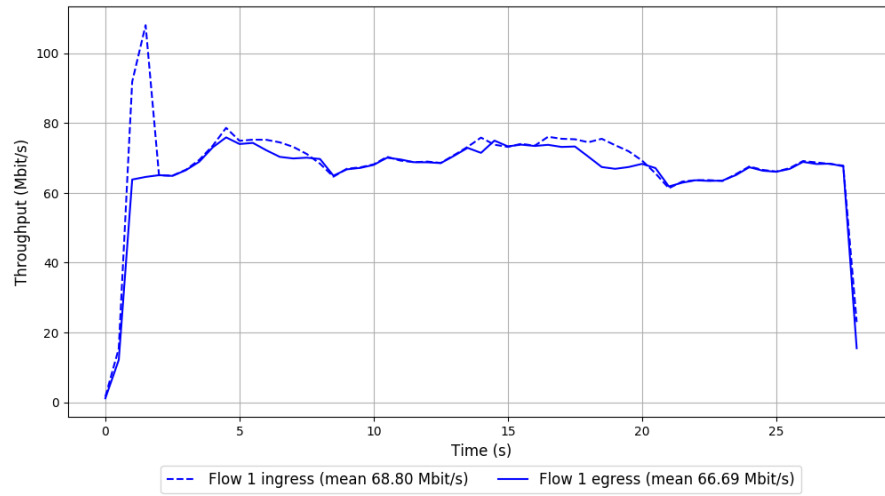
-- Flow 1:

Average throughput: 66.69 Mbit/s

95th percentile per-packet one-way delay: 68.166 ms

Loss rate: 3.46%

## Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:54:06 +0000

End at: Tue, 25 Jul 2017 00:54:36 +0000

Local clock offset: 0.54 ms

Remote clock offset: -0.055 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.04 Mbit/s

95th percentile per-packet one-way delay: 69.265 ms

Loss rate: 3.60%

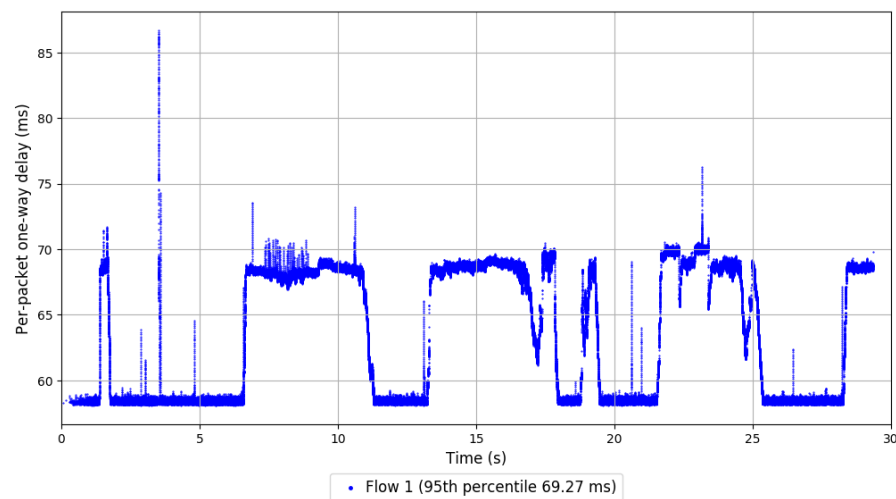
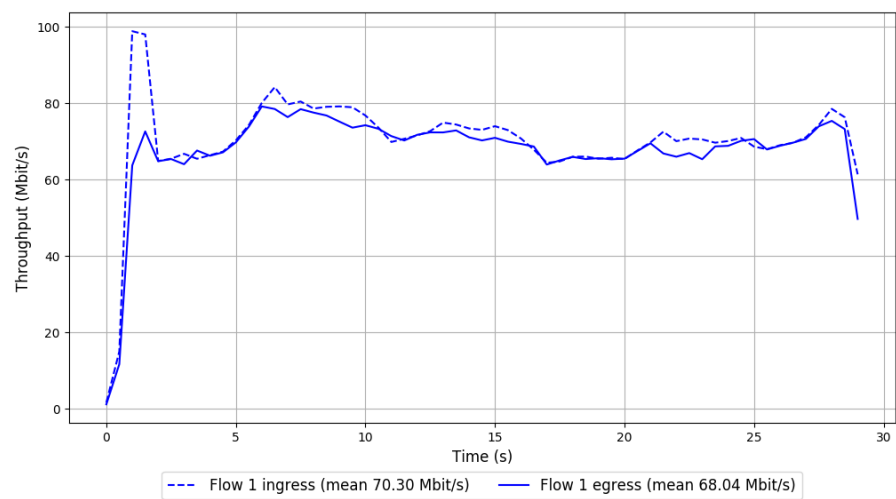
-- Flow 1:

Average throughput: 68.04 Mbit/s

95th percentile per-packet one-way delay: 69.265 ms

Loss rate: 3.60%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:12:08 +0000

End at: Tue, 25 Jul 2017 01:12:38 +0000

Local clock offset: 0.485 ms

Remote clock offset: 0.772 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.27 Mbit/s

95th percentile per-packet one-way delay: 68.728 ms

Loss rate: 3.50%

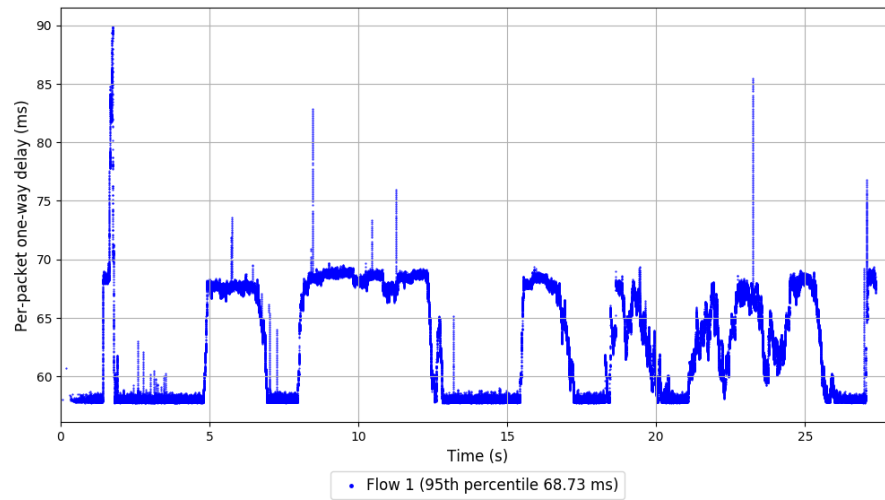
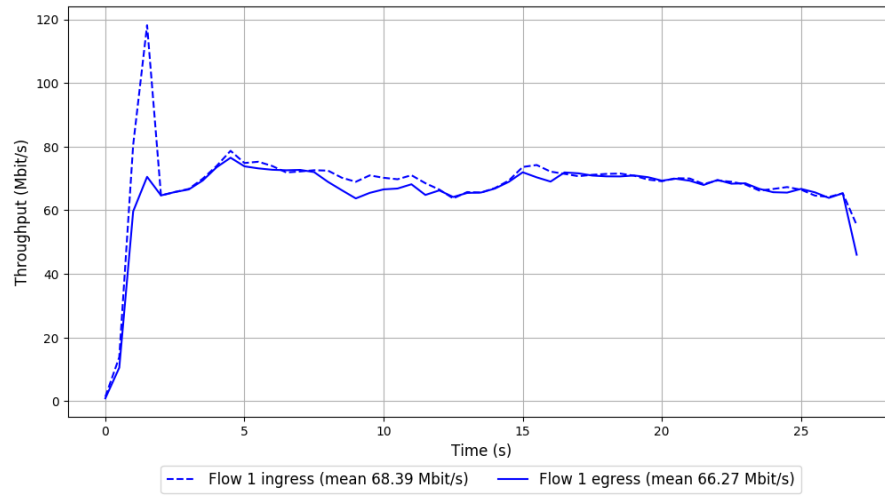
-- Flow 1:

Average throughput: 66.27 Mbit/s

95th percentile per-packet one-way delay: 68.728 ms

Loss rate: 3.50%

## Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:30:04 +0000

End at: Tue, 25 Jul 2017 01:30:34 +0000

Local clock offset: 0.478 ms

Remote clock offset: 1.108 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.35 Mbit/s

95th percentile per-packet one-way delay: 69.540 ms

Loss rate: 3.07%

-- Flow 1:

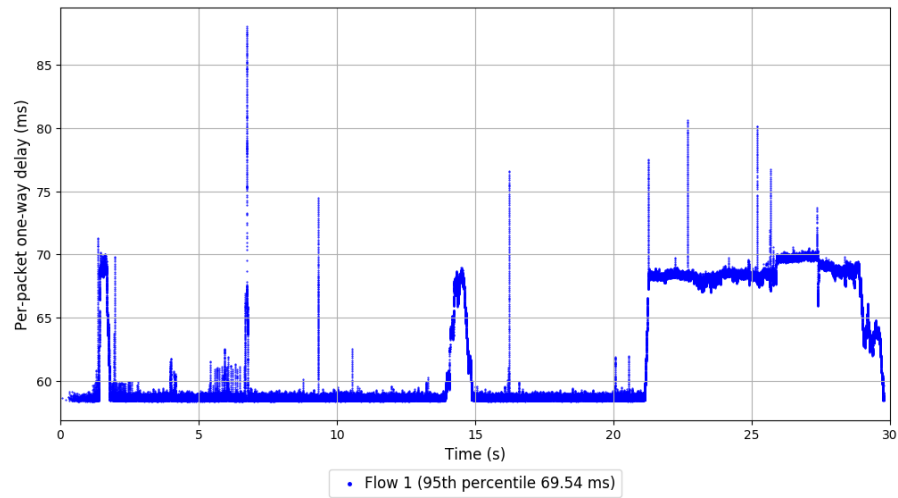
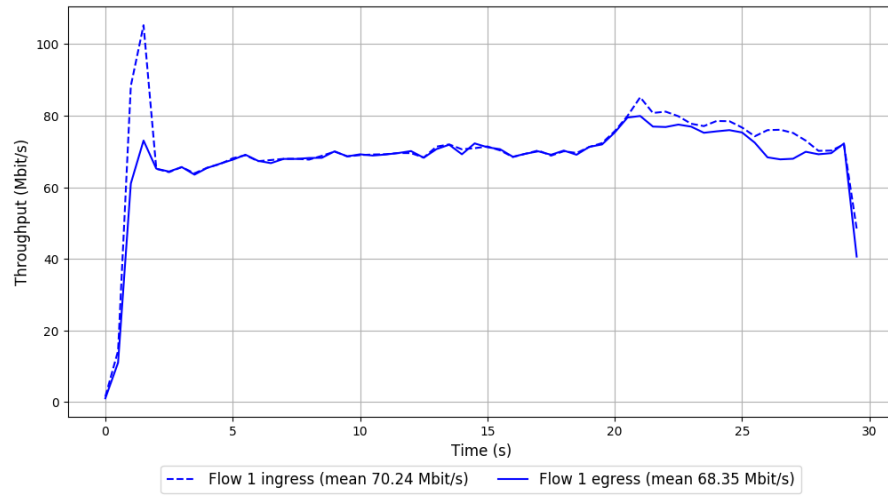
Average throughput: 68.35 Mbit/s

95th percentile per-packet one-way delay: 69.540 ms

Loss rate: 3.07%



### Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

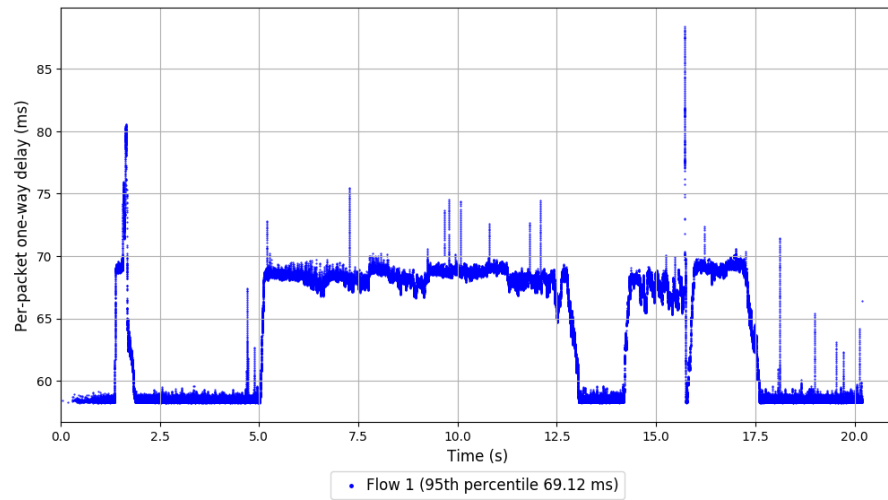
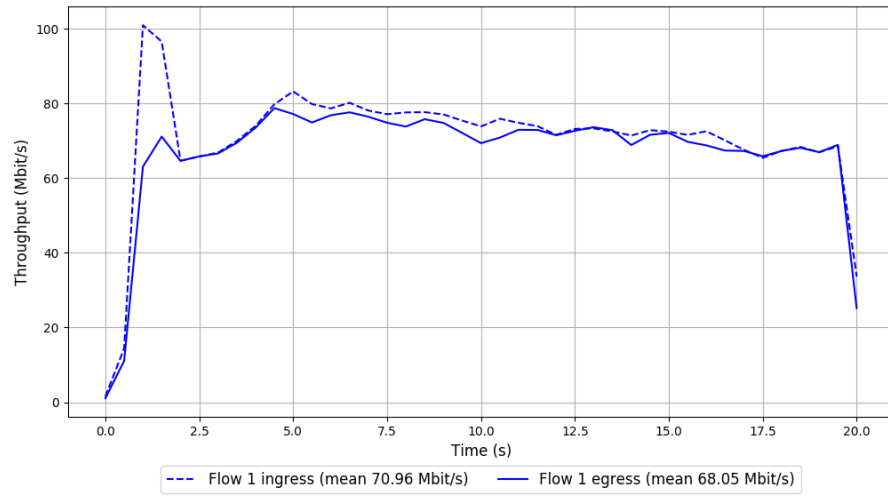
Start at: Tue, 25 Jul 2017 01:47:45 +0000

End at: Tue, 25 Jul 2017 01:48:15 +0000

Local clock offset: 0.454 ms

Remote clock offset: 1.133 ms

# Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

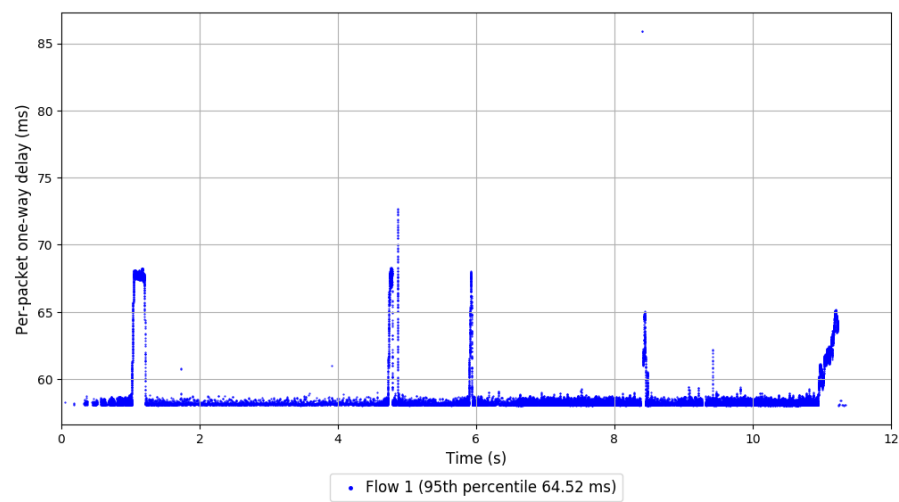
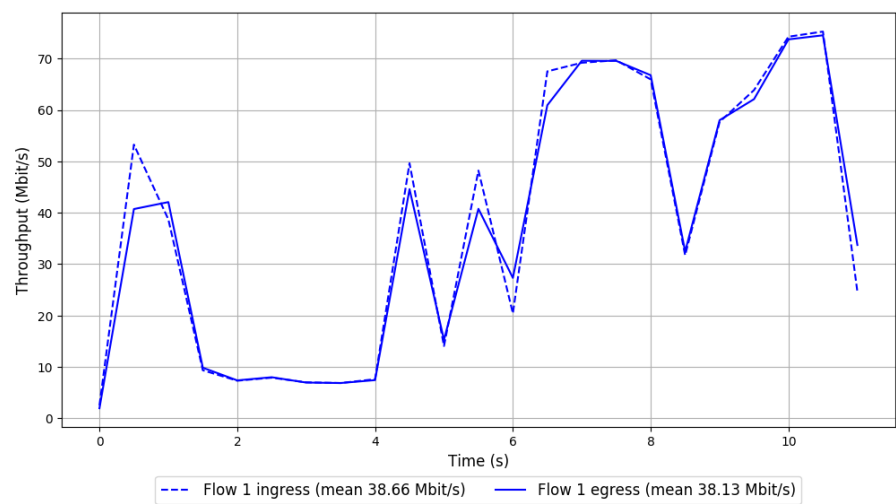
Start at: Mon, 24 Jul 2017 23:05:32 +0000

End at: Mon, 24 Jul 2017 23:06:02 +0000

Local clock offset: 0.361 ms

Remote clock offset: 2.307 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

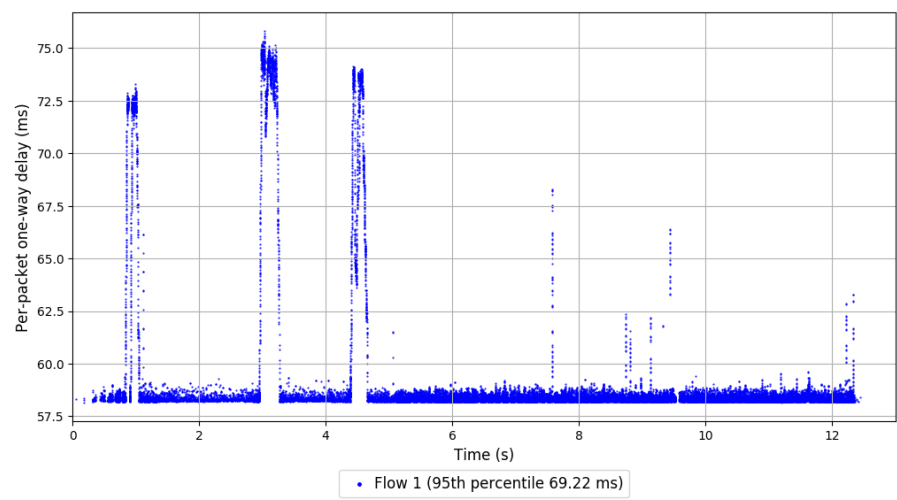
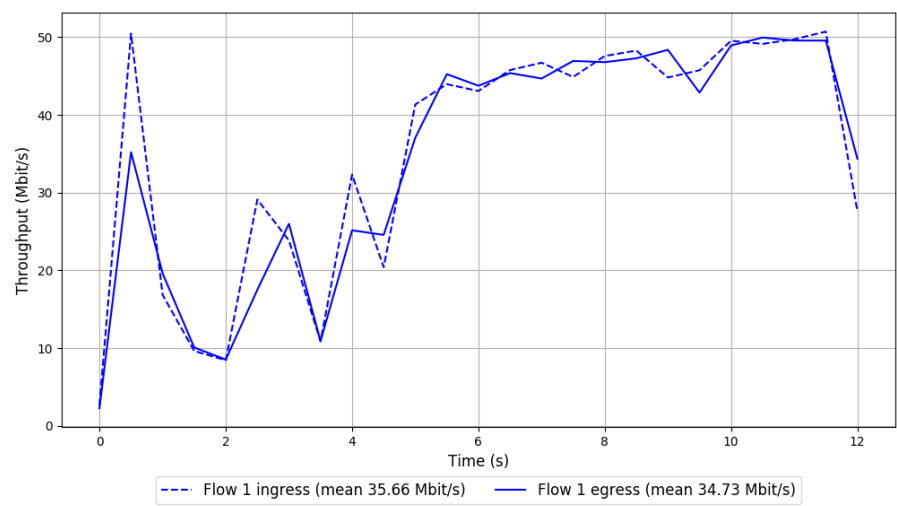
Start at: Mon, 24 Jul 2017 23:23:25 +0000

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

Local clock offset: 0.459 ms

Remote clock offset: 1.279 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 23:41:18 +0000

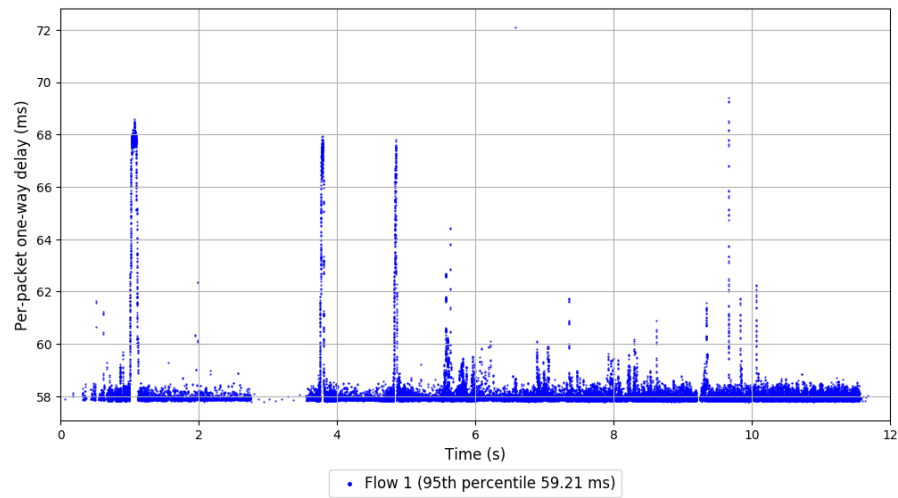
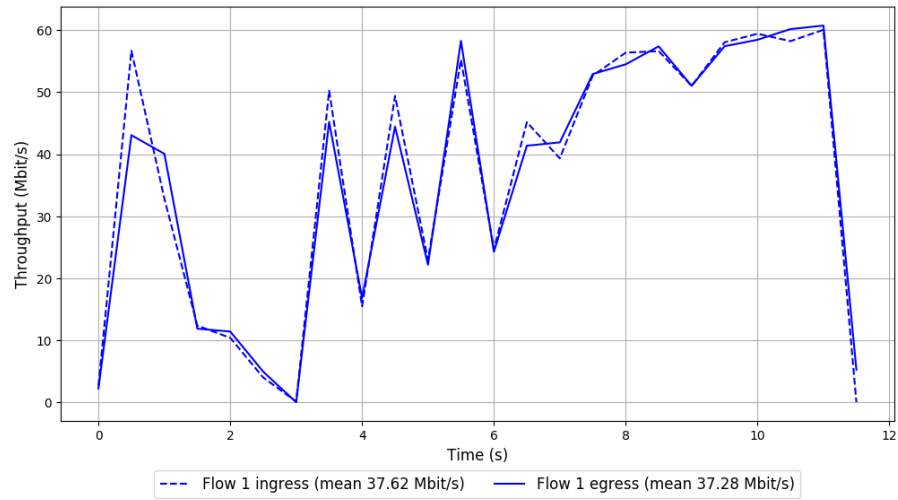
End at: Mon, 24 Jul 2017 23:41:48 +0000

Local clock offset: 0.537 ms

Remote clock offset: 0.751 ms



### Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

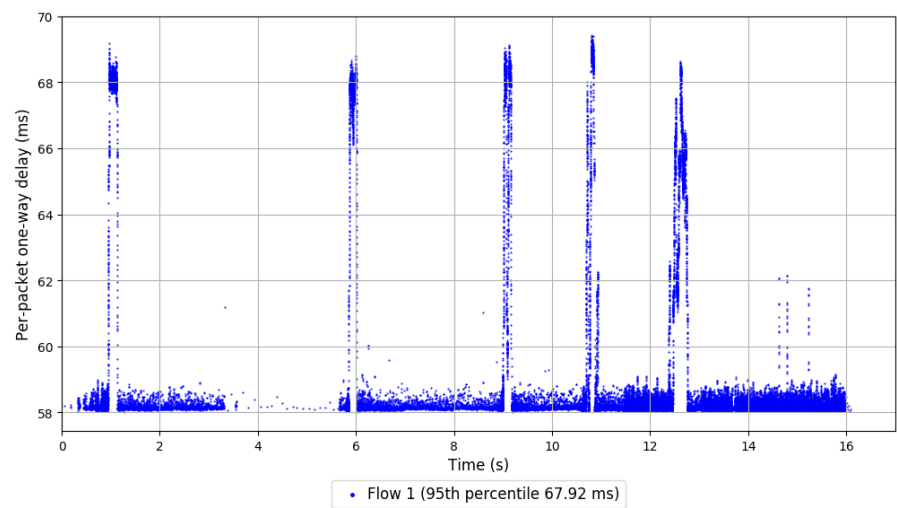
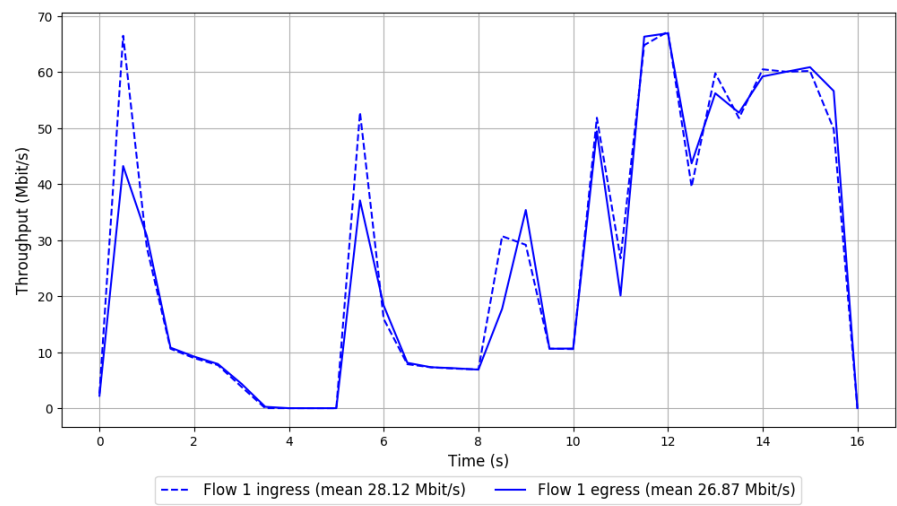
Start at: Mon, 24 Jul 2017 23:59:18 +0000

End at: Mon, 24 Jul 2017 23:59:48 +0000

Local clock offset: 0.604 ms

Remote clock offset: -0.449 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 00:17:10 +0000

End at: Tue, 25 Jul 2017 00:17:40 +0000

Local clock offset: 0.586 ms

Remote clock offset: -0.287 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.56 Mbit/s

95th percentile per-packet one-way delay: 58.417 ms

Loss rate: 0.01%

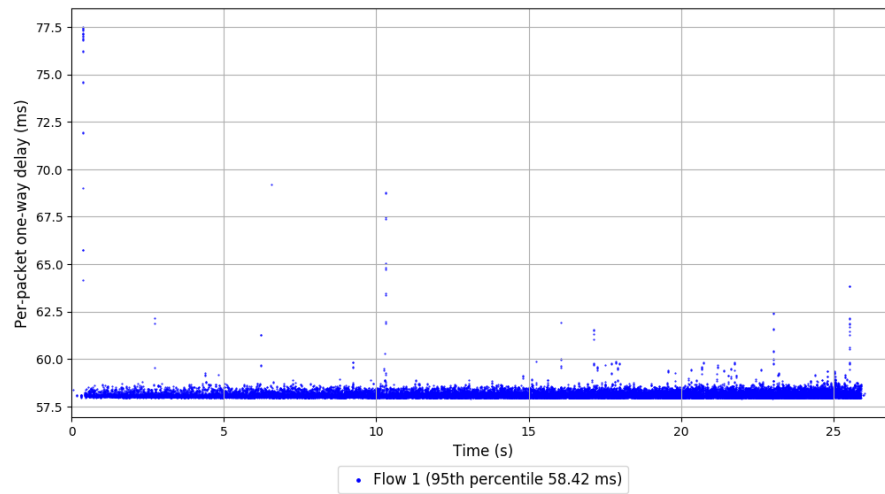
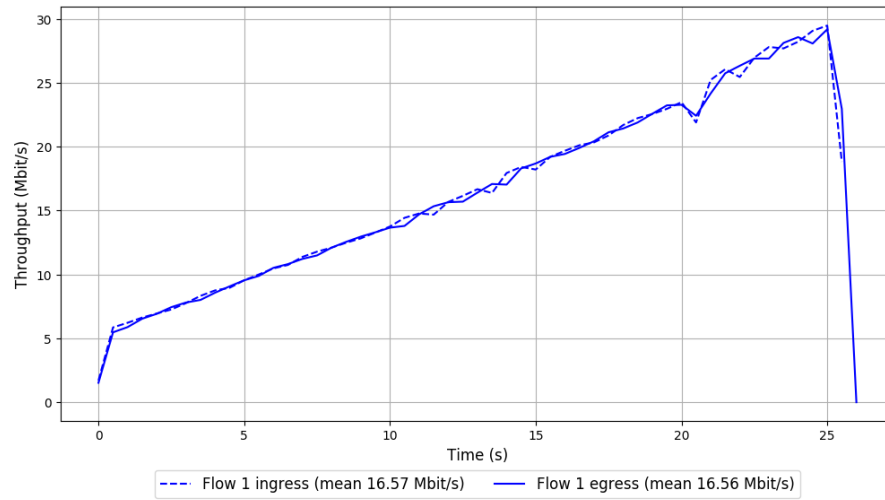
-- Flow 1:

Average throughput: 16.56 Mbit/s

95th percentile per-packet one-way delay: 58.417 ms

Loss rate: 0.01%

### Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

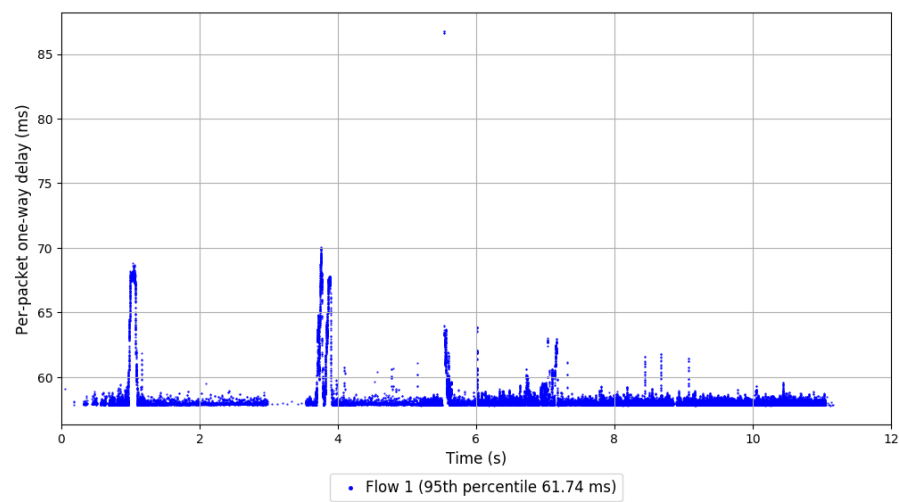
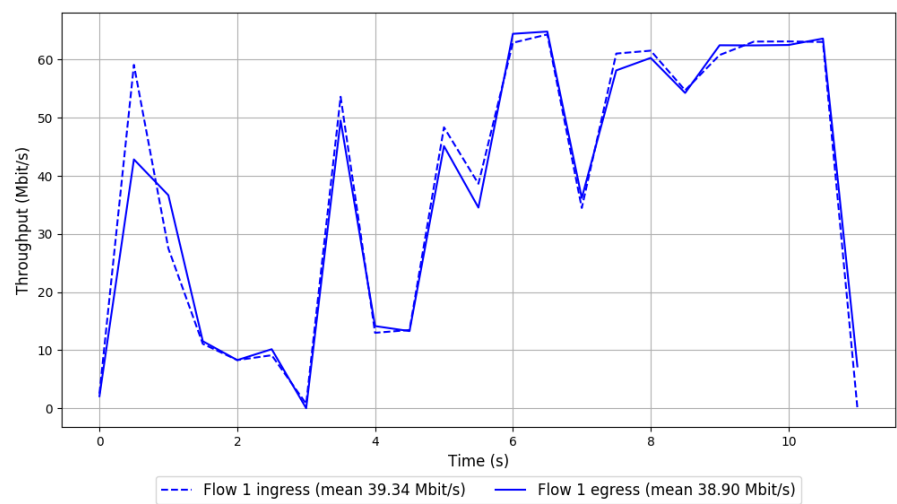
Start at: Tue, 25 Jul 2017 00:35:05 +0000

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

Local clock offset: 0.589 ms

Remote clock offset: -0.03 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 00:52:57 +0000

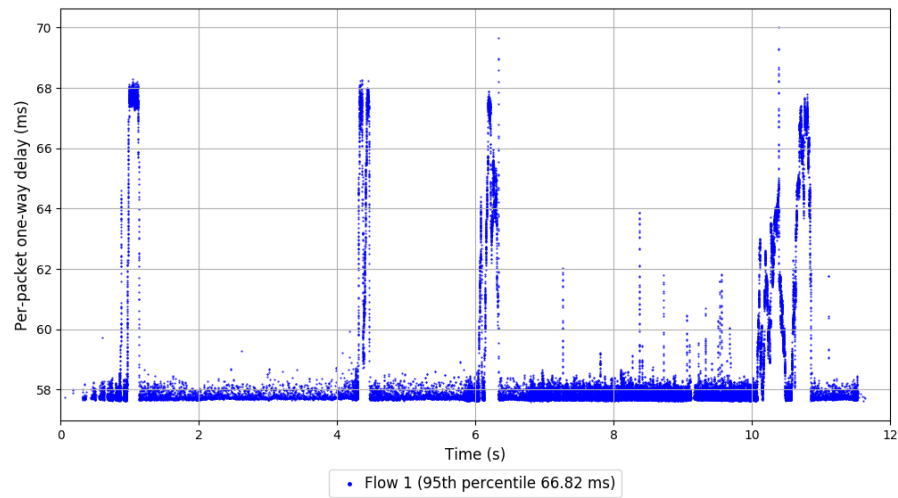
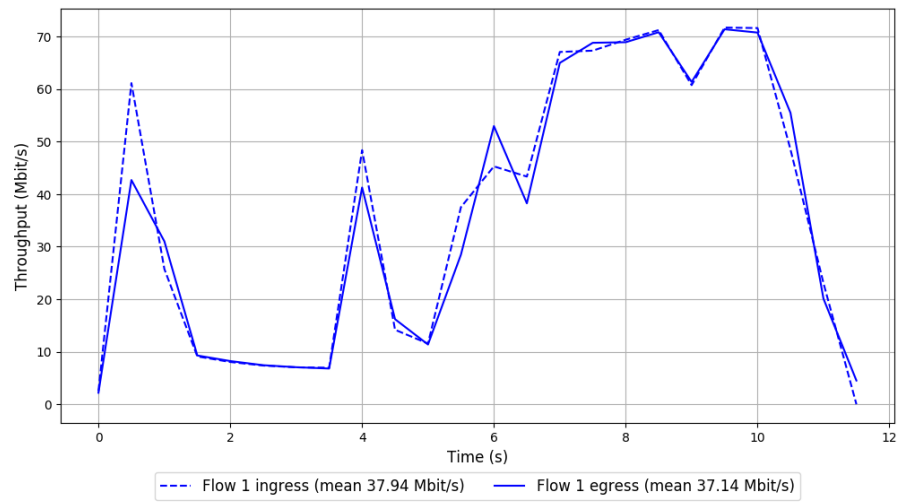
End at: Tue, 25 Jul 2017 00:53:27 +0000

Local clock offset: 0.495 ms

Remote clock offset: 0.325 ms



### Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

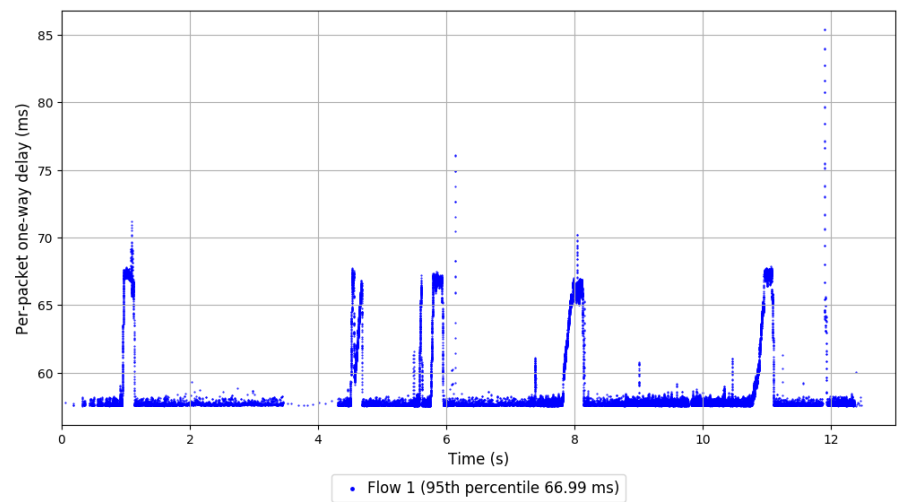
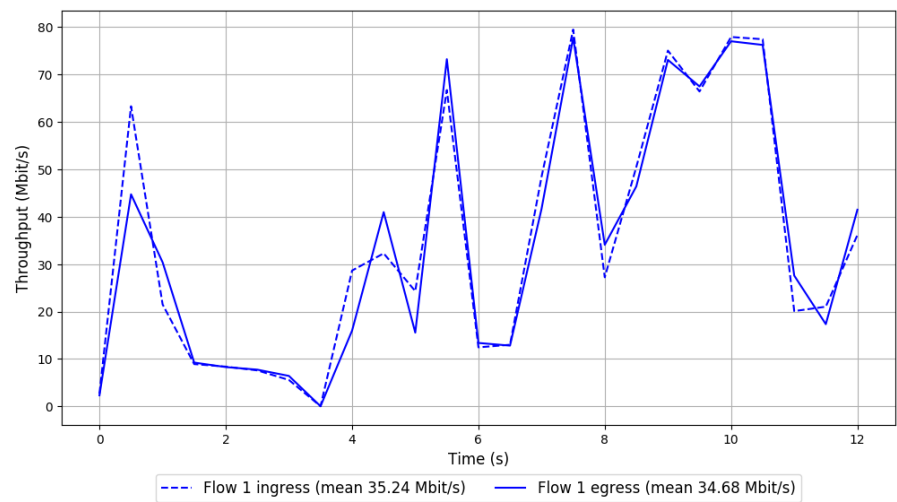
Start at: Tue, 25 Jul 2017 01:10:58 +0000

End at: Tue, 25 Jul 2017 01:11:28 +0000

Local clock offset: 0.518 ms

Remote clock offset: 0.859 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

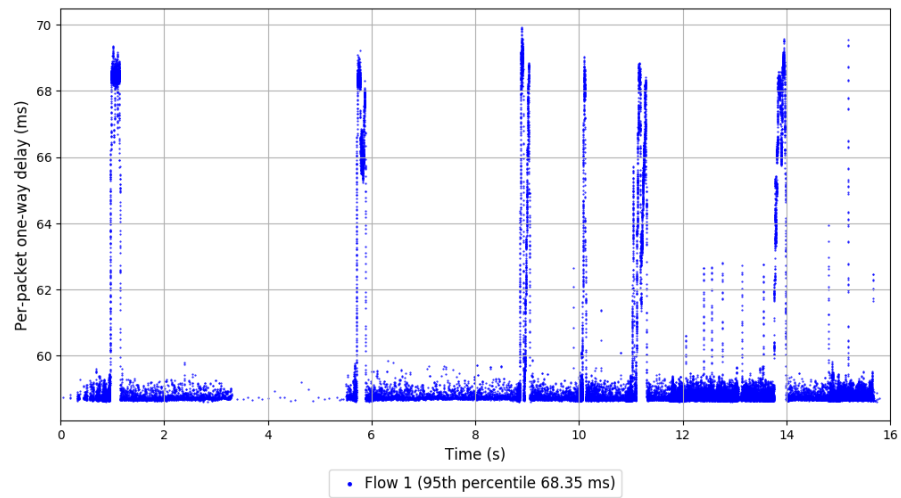
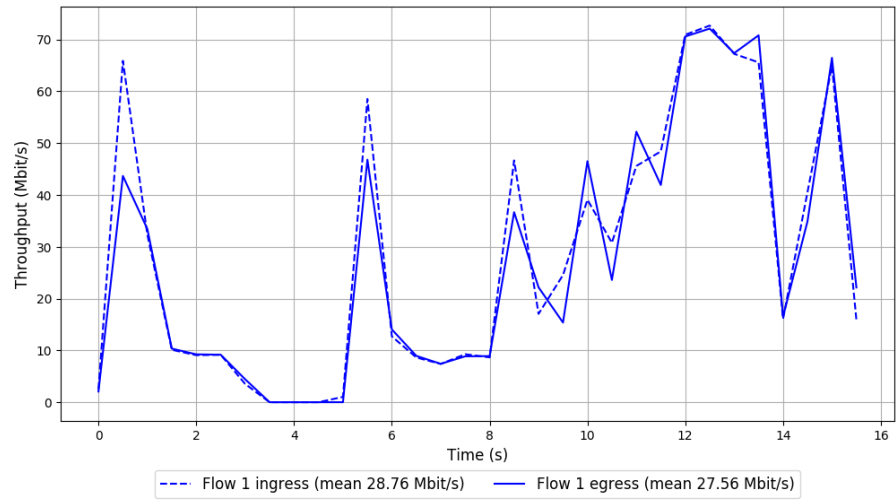
Start at: Tue, 25 Jul 2017 01:28:54 +0000

End at: Tue, 25 Jul 2017 01:29:24 +0000

Local clock offset: 0.428 ms

Remote clock offset: 0.831 ms

### Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

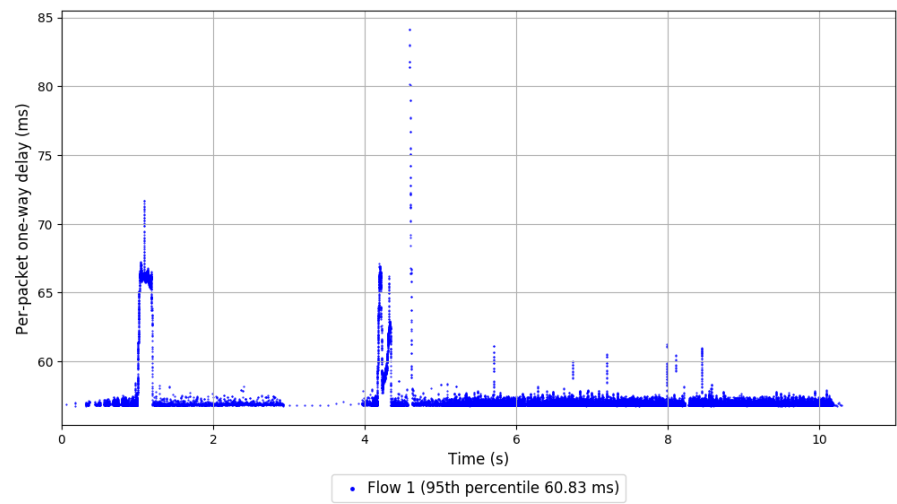
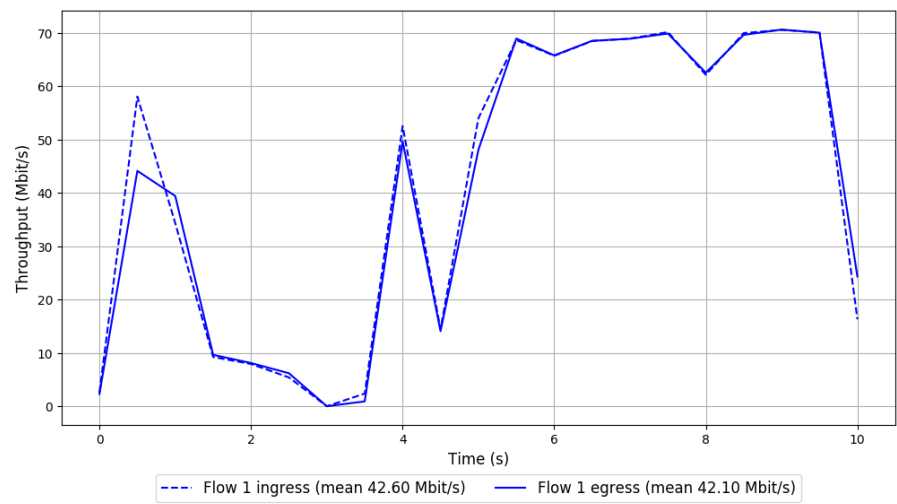
Start at: Tue, 25 Jul 2017 01:46:36 +0000

End at: Tue, 25 Jul 2017 01:47:06 +0000

Local clock offset: 0.379 ms

Remote clock offset: 1.684 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

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

End at: Mon, 24 Jul 2017 23:15:28 +0000

Local clock offset: 0.371 ms

Remote clock offset: 2.103 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.42 Mbit/s

95th percentile per-packet one-way delay: 58.356 ms

Loss rate: 0.44%

-- Flow 1:

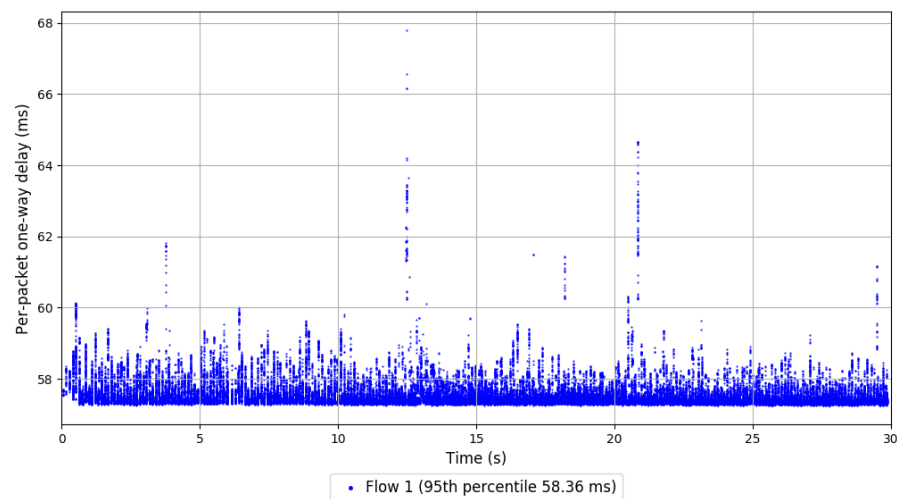
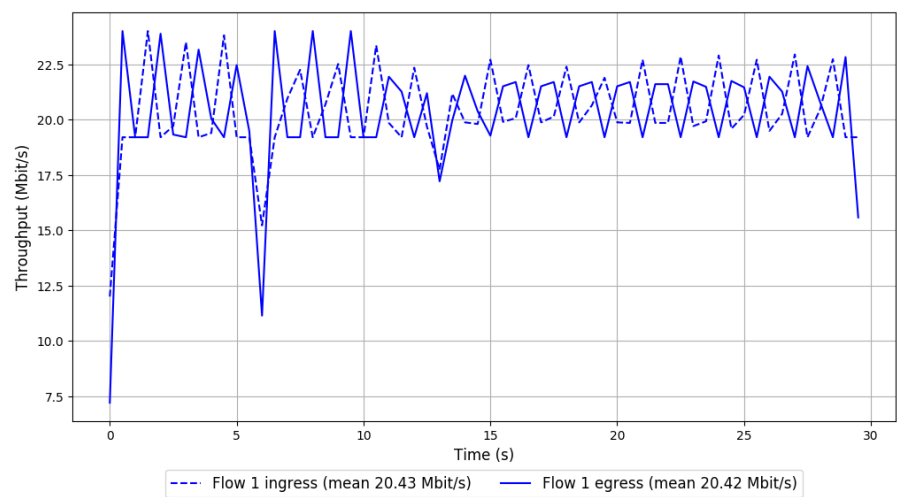
Average throughput: 20.42 Mbit/s

95th percentile per-packet one-way delay: 58.356 ms

Loss rate: 0.44%



Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:32:50 +0000

End at: Mon, 24 Jul 2017 23:33:20 +0000

Local clock offset: 0.516 ms

Remote clock offset: 0.862 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.57 Mbit/s

95th percentile per-packet one-way delay: 59.250 ms

Loss rate: 0.39%

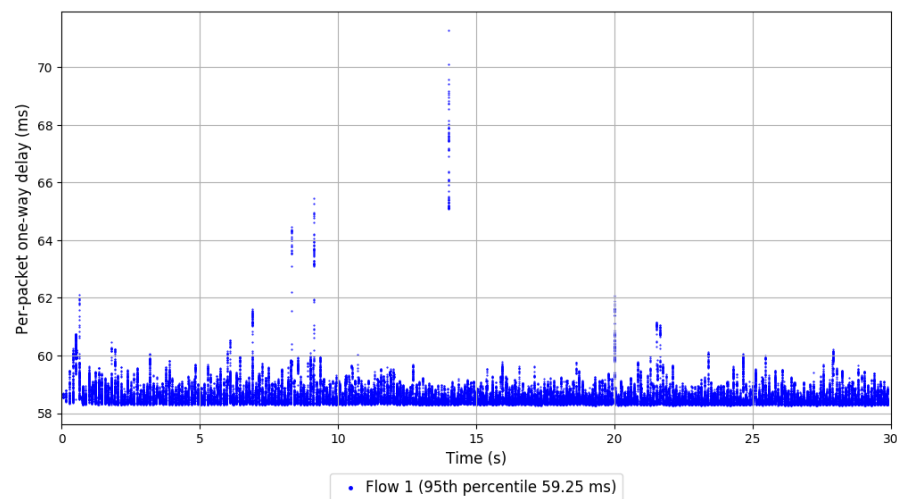
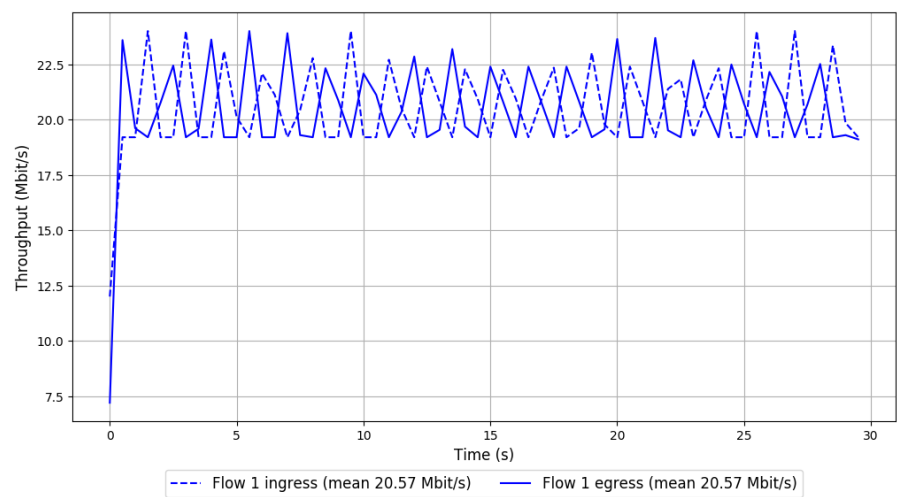
-- Flow 1:

Average throughput: 20.57 Mbit/s

95th percentile per-packet one-way delay: 59.250 ms

Loss rate: 0.39%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:50:39 +0000

End at: Mon, 24 Jul 2017 23:51:09 +0000

Local clock offset: 0.582 ms

Remote clock offset: 0.242 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 58.853 ms

Loss rate: 0.39%

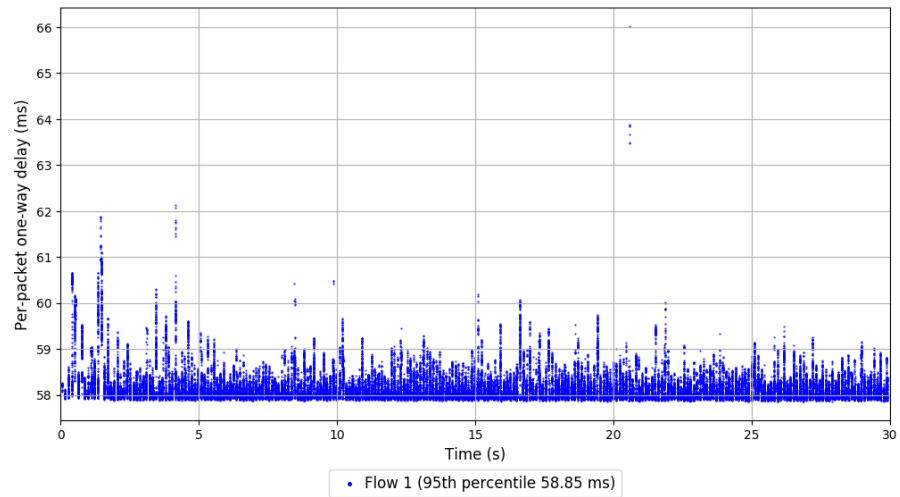
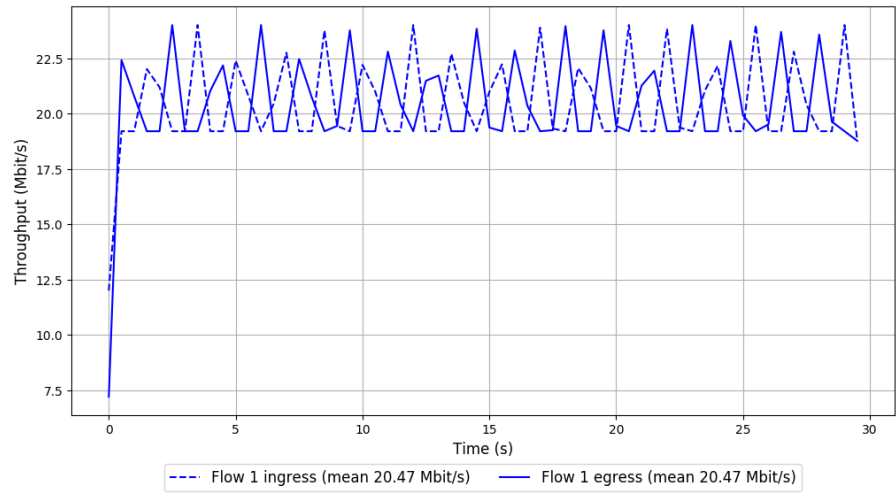
-- Flow 1:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 58.853 ms

Loss rate: 0.39%

### Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:08:42 +0000

End at: Tue, 25 Jul 2017 00:09:12 +0000

Local clock offset: 0.596 ms

Remote clock offset: -0.484 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 58.965 ms

Loss rate: 0.38%

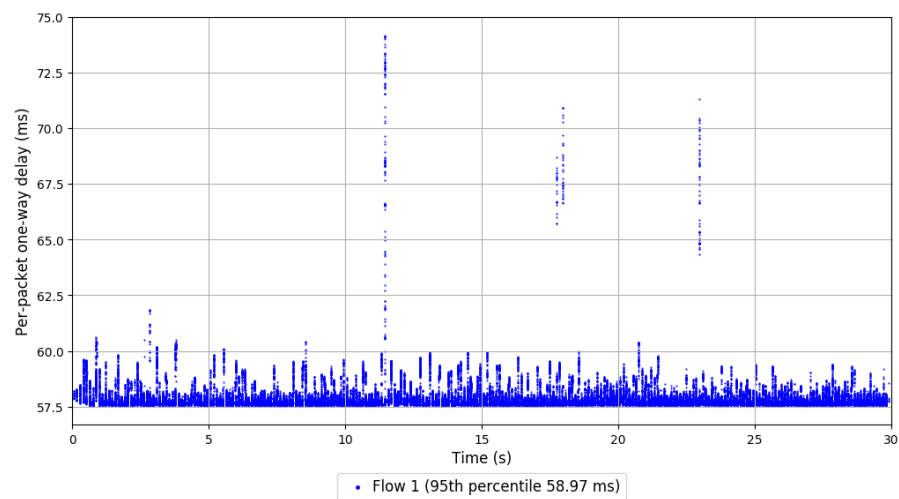
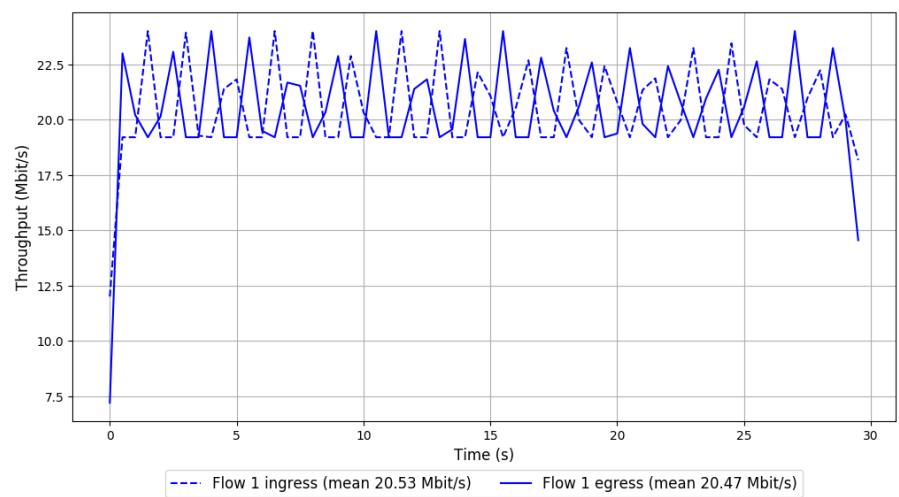
-- Flow 1:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 58.965 ms

Loss rate: 0.38%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:26:34 +0000

End at: Tue, 25 Jul 2017 00:27:05 +0000

Local clock offset: 0.52 ms

Remote clock offset: -0.316 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.46 Mbit/s

95th percentile per-packet one-way delay: 59.080 ms

Loss rate: 0.41%

-- Flow 1:

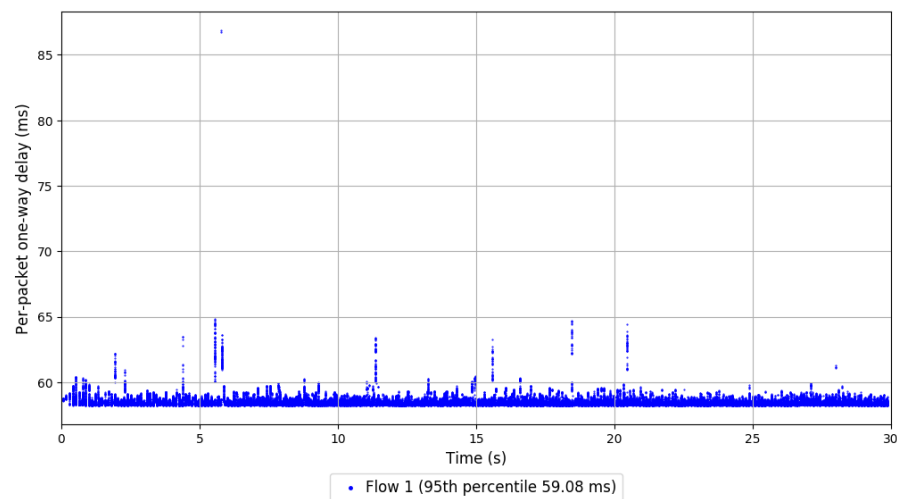
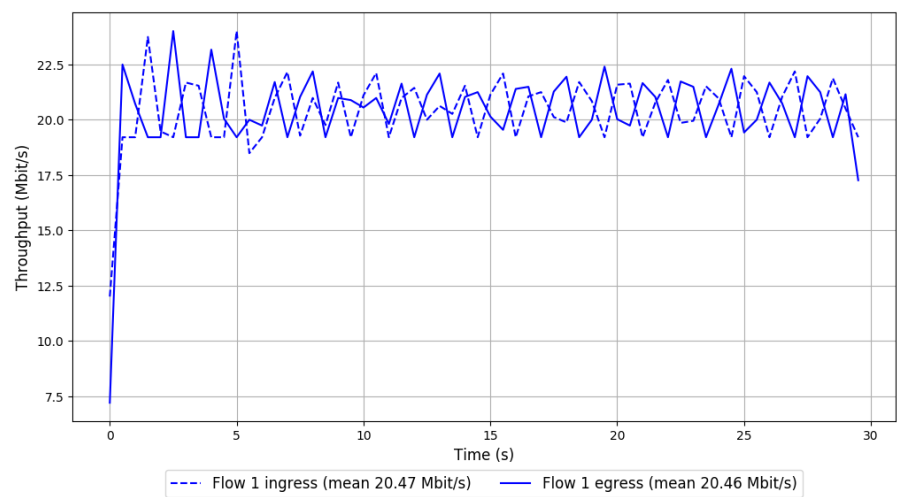
Average throughput: 20.46 Mbit/s

95th percentile per-packet one-way delay: 59.080 ms

Loss rate: 0.41%



Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:44:26 +0000

End at: Tue, 25 Jul 2017 00:44:56 +0000

Local clock offset: 0.55 ms

Remote clock offset: -0.22 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.56 Mbit/s

95th percentile per-packet one-way delay: 58.662 ms

Loss rate: 0.40%

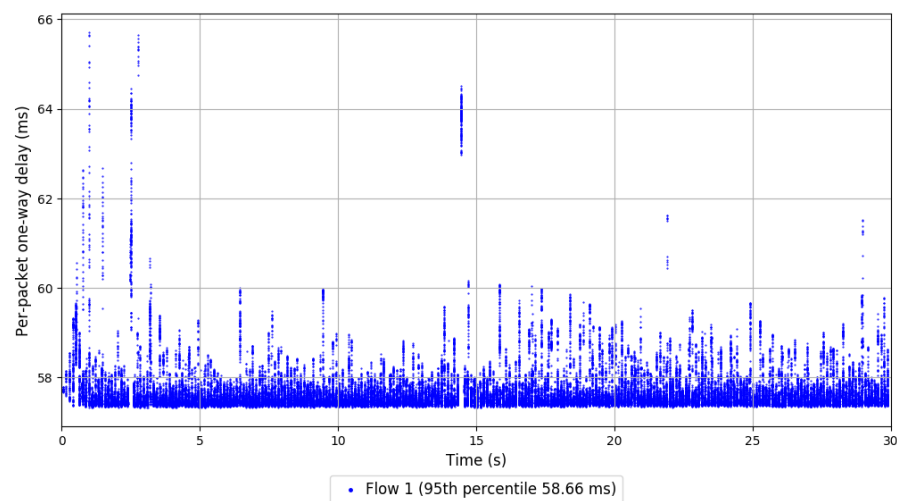
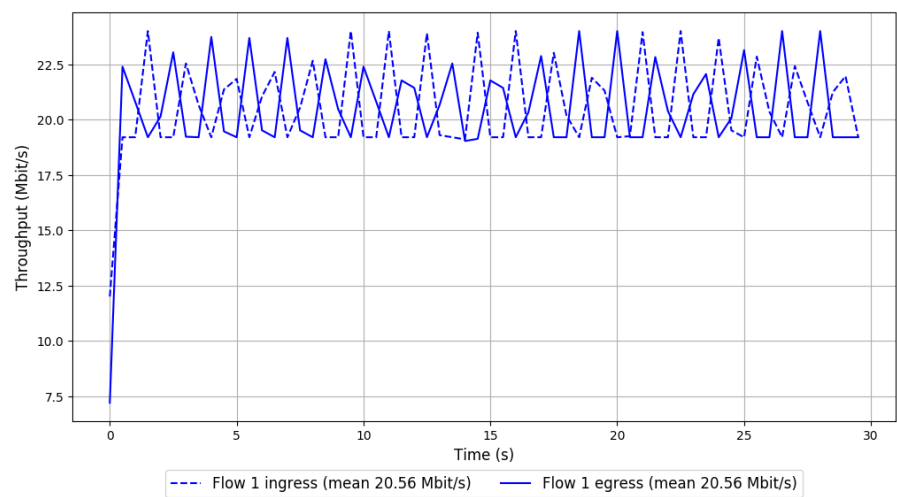
-- Flow 1:

Average throughput: 20.56 Mbit/s

95th percentile per-packet one-way delay: 58.662 ms

Loss rate: 0.40%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:02:28 +0000

End at: Tue, 25 Jul 2017 01:02:58 +0000

Local clock offset: 0.5 ms

Remote clock offset: 0.373 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 58.764 ms

Loss rate: 0.39%

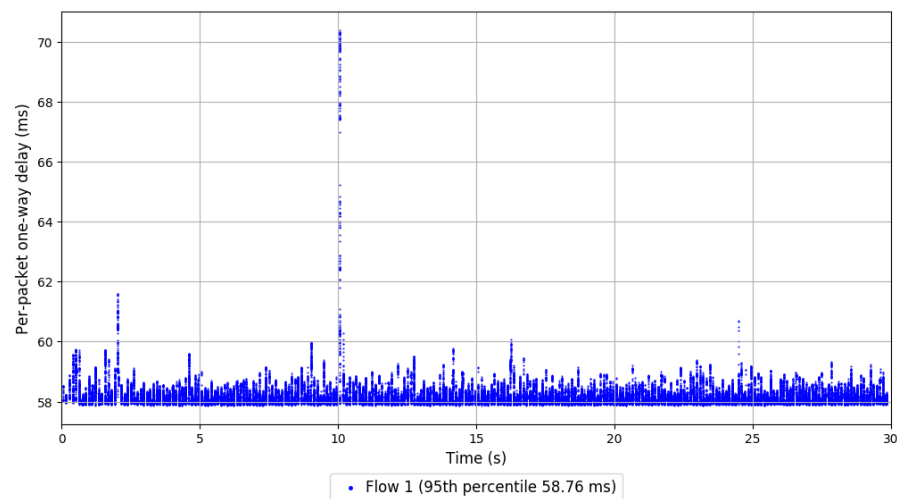
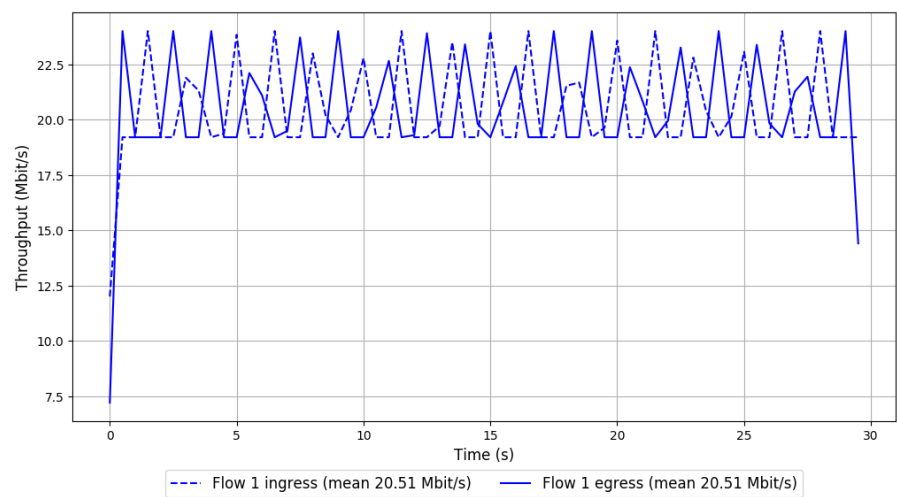
-- Flow 1:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 58.764 ms

Loss rate: 0.39%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:20:21 +0000

End at: Tue, 25 Jul 2017 01:20:51 +0000

Local clock offset: 0.41 ms

Remote clock offset: 0.91 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.61 Mbit/s

95th percentile per-packet one-way delay: 58.818 ms

Loss rate: 0.42%

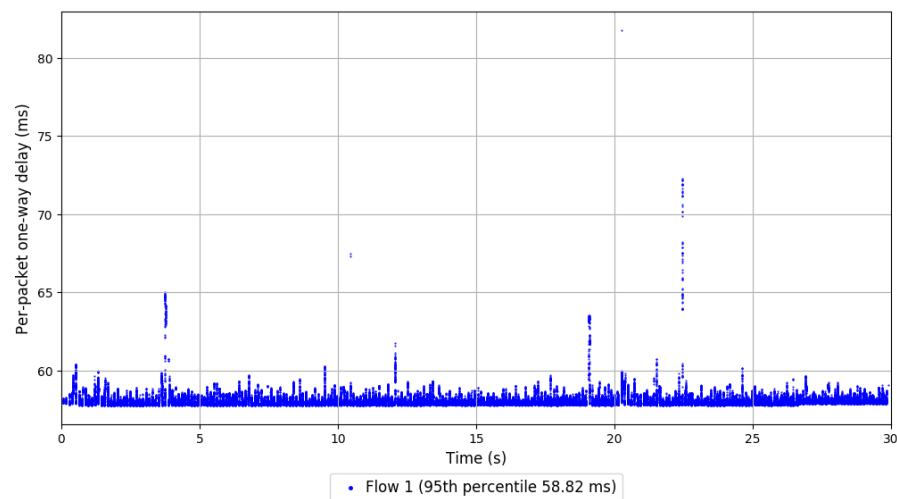
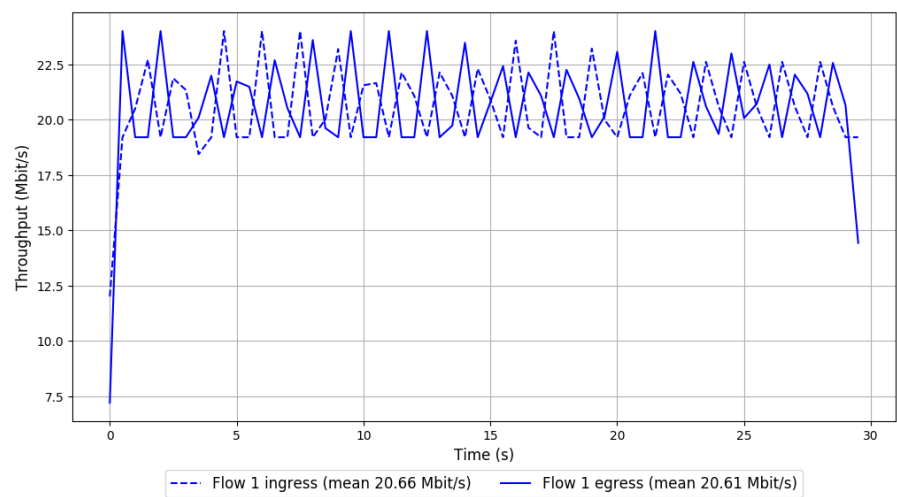
-- Flow 1:

Average throughput: 20.61 Mbit/s

95th percentile per-packet one-way delay: 58.818 ms

Loss rate: 0.42%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:38:15 +0000

End at: Tue, 25 Jul 2017 01:38:45 +0000

Local clock offset: 0.462 ms

Remote clock offset: 1.529 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.49 Mbit/s

95th percentile per-packet one-way delay: 58.641 ms

Loss rate: 0.39%

-- Flow 1:

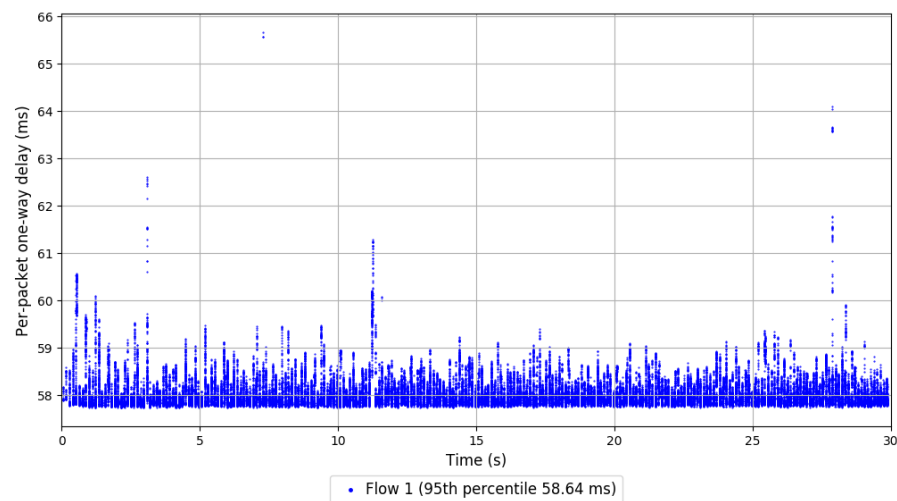
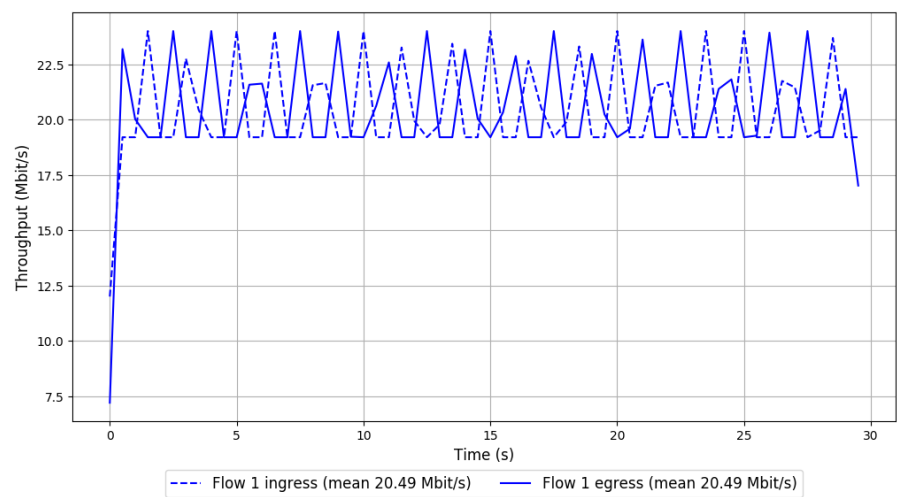
Average throughput: 20.49 Mbit/s

95th percentile per-packet one-way delay: 58.641 ms

Loss rate: 0.39%



Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:55:54 +0000

End at: Tue, 25 Jul 2017 01:56:24 +0000

Local clock offset: 0.462 ms

Remote clock offset: 1.297 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.61 Mbit/s

95th percentile per-packet one-way delay: 59.201 ms

Loss rate: 0.39%

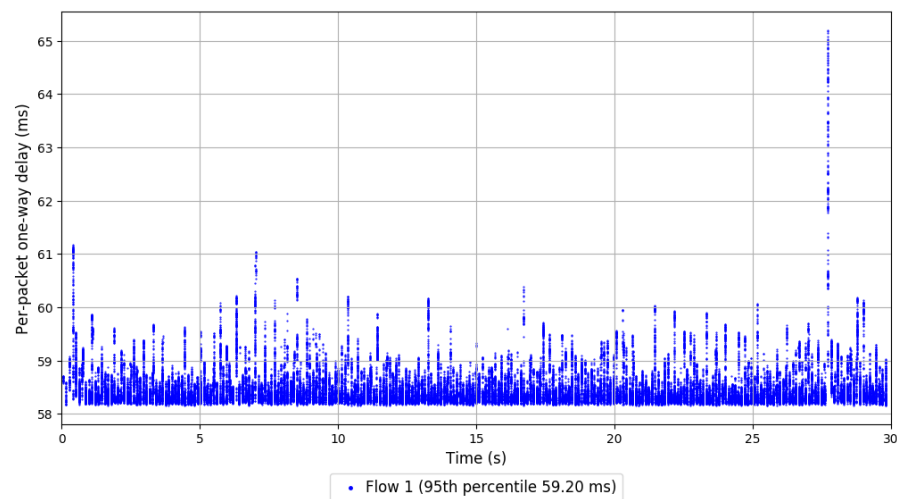
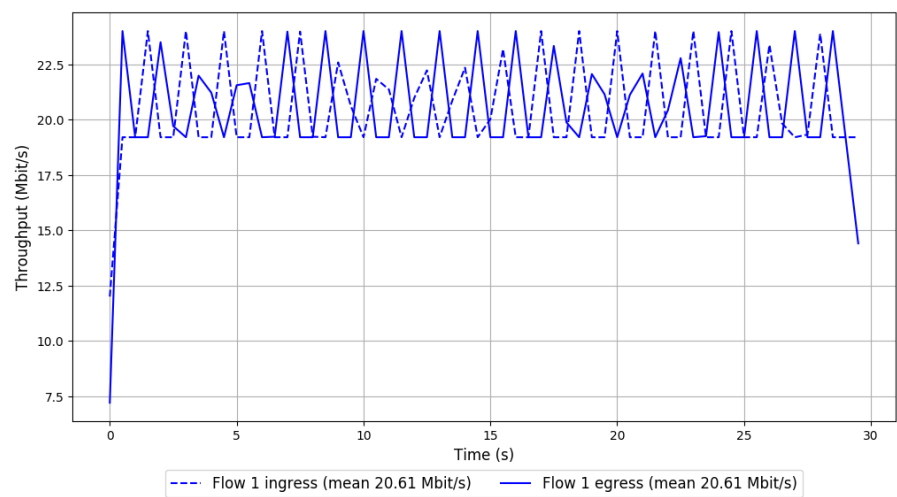
-- Flow 1:

Average throughput: 20.61 Mbit/s

95th percentile per-packet one-way delay: 59.201 ms

Loss rate: 0.39%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:12:42 +0000

End at: Mon, 24 Jul 2017 23:13:12 +0000

Local clock offset: 0.434 ms

Remote clock offset: 2.125 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.286 ms

Loss rate: 0.38%

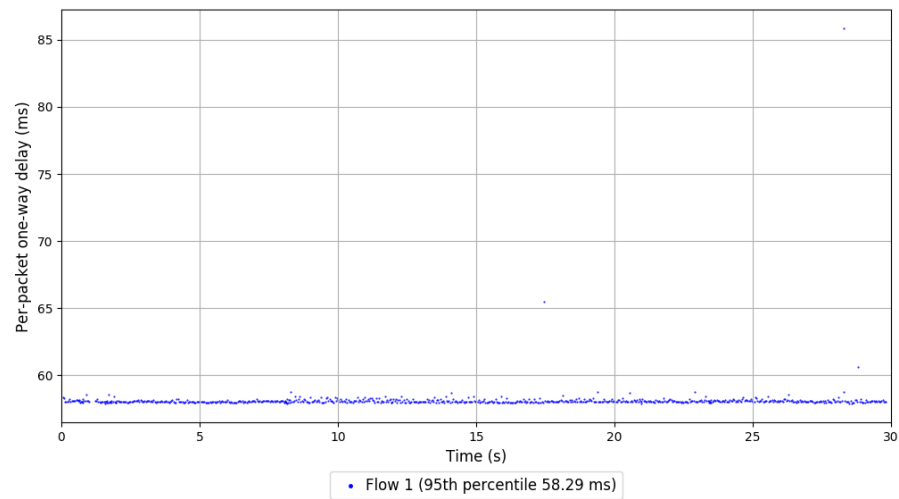
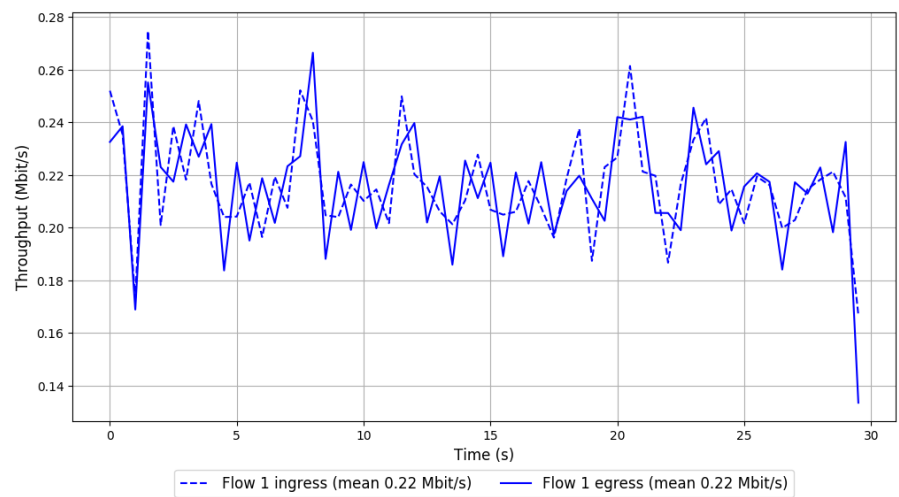
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.286 ms

Loss rate: 0.38%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:30:34 +0000

End at: Mon, 24 Jul 2017 23:31:04 +0000

Local clock offset: 0.421 ms

Remote clock offset: 1.271 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.516 ms

Loss rate: 0.25%

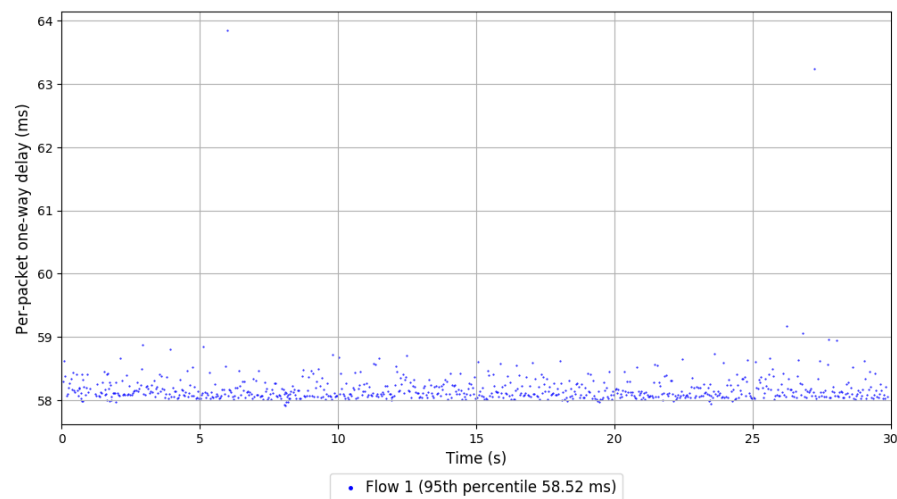
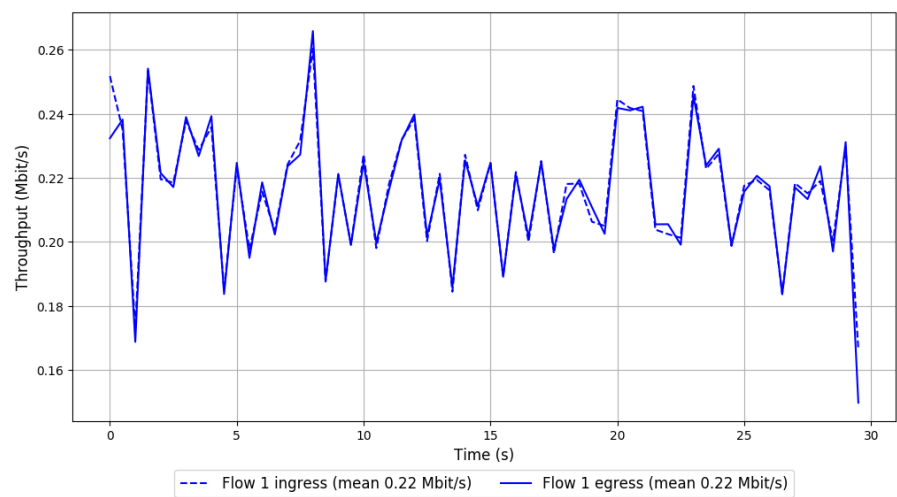
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.516 ms

Loss rate: 0.25%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:48:22 +0000

End at: Mon, 24 Jul 2017 23:48:52 +0000

Local clock offset: 0.521 ms

Remote clock offset: 0.293 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.278 ms

Loss rate: 0.25%

-- Flow 1:

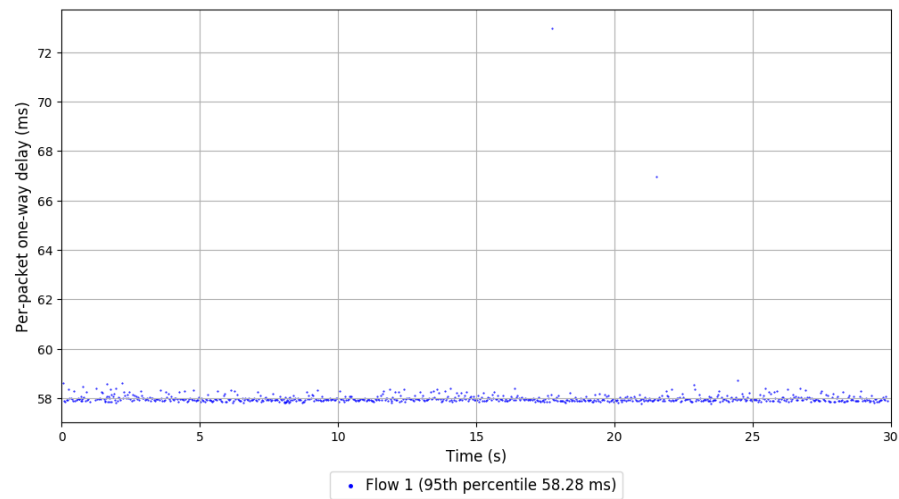
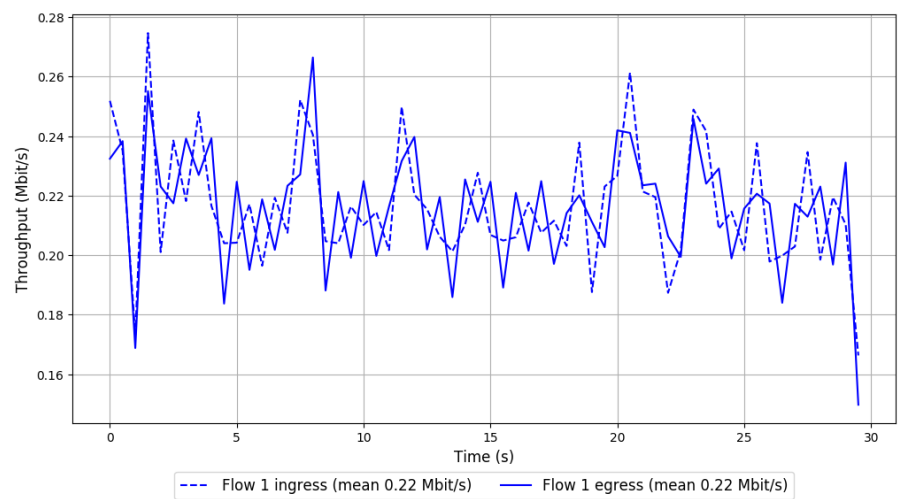
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.278 ms

Loss rate: 0.25%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:06:26 +0000

End at: Tue, 25 Jul 2017 00:06:56 +0000

Local clock offset: 0.6 ms

Remote clock offset: -0.38 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.364 ms

Loss rate: 0.38%

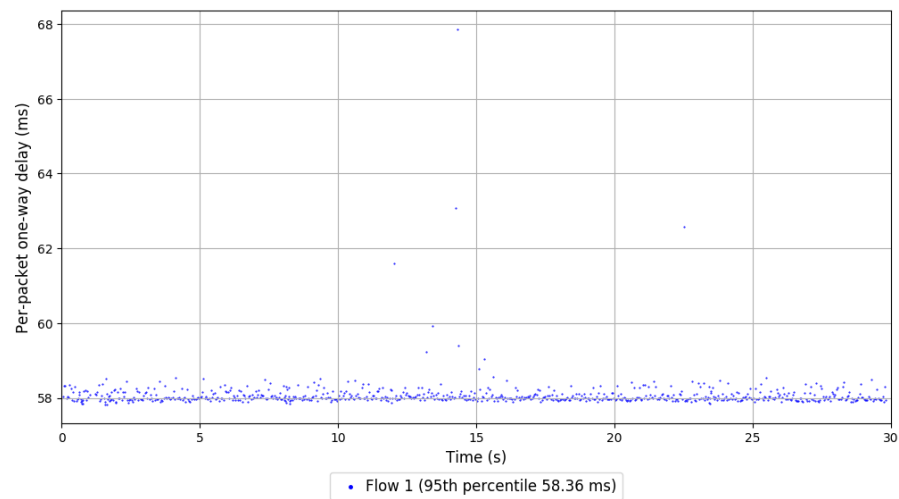
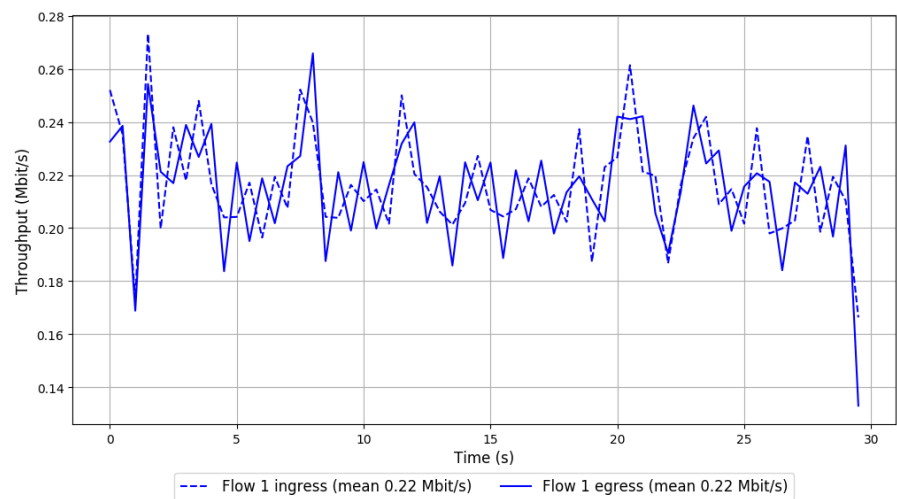
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.364 ms

Loss rate: 0.38%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:24:19 +0000

End at: Tue, 25 Jul 2017 00:24:49 +0000

Local clock offset: 0.579 ms

Remote clock offset: -0.475 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.473 ms

Loss rate: 0.25%

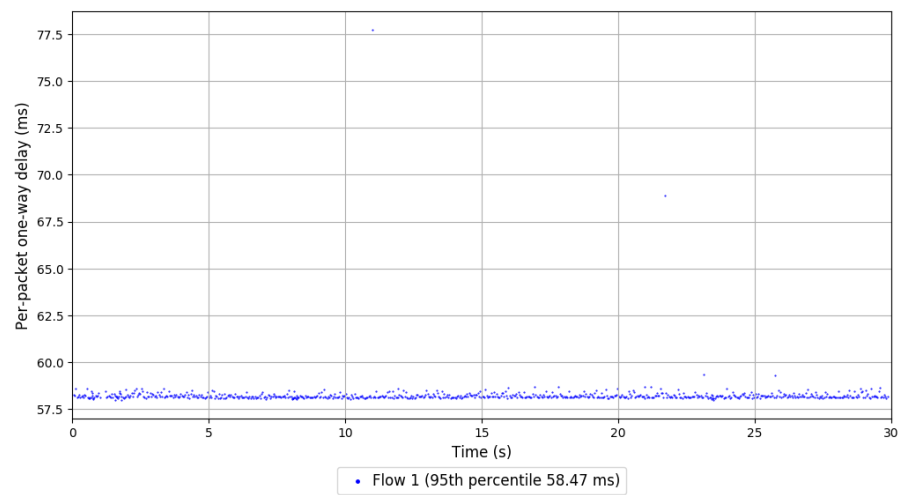
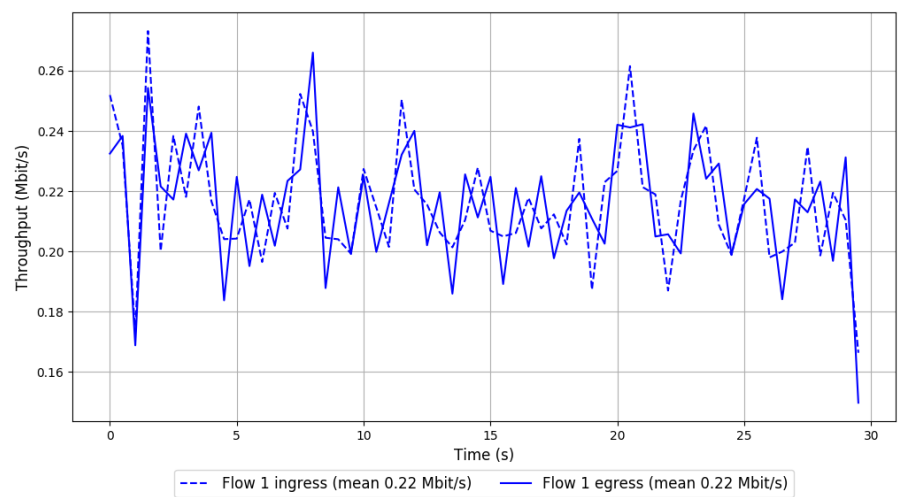
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.473 ms

Loss rate: 0.25%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:42:10 +0000

End at: Tue, 25 Jul 2017 00:42:40 +0000

Local clock offset: 0.518 ms

Remote clock offset: 0.023 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.149 ms

Loss rate: 0.38%

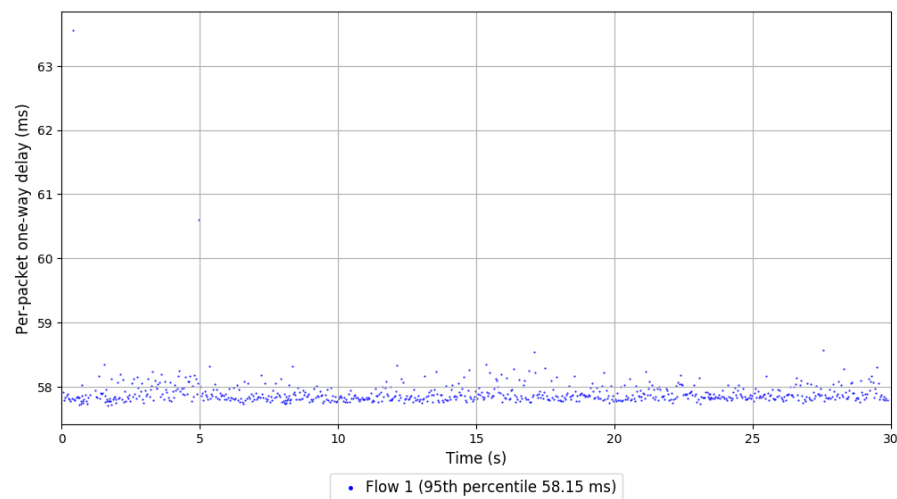
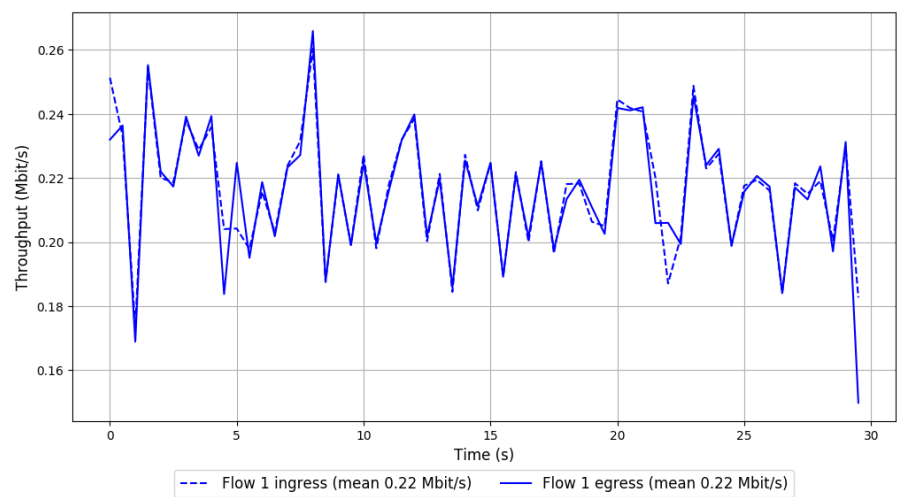
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.149 ms

Loss rate: 0.38%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:00:12 +0000

End at: Tue, 25 Jul 2017 01:00:42 +0000

Local clock offset: 0.508 ms

Remote clock offset: 0.389 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 57.957 ms

Loss rate: 0.25%

-- Flow 1:

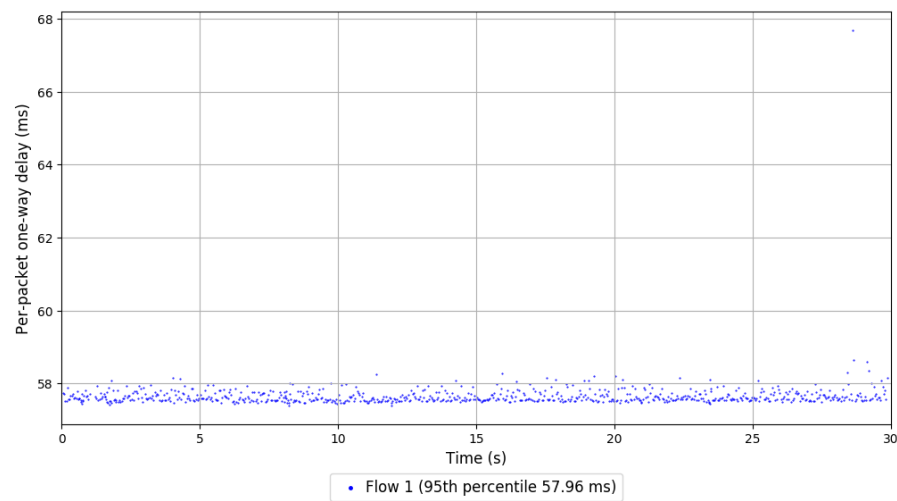
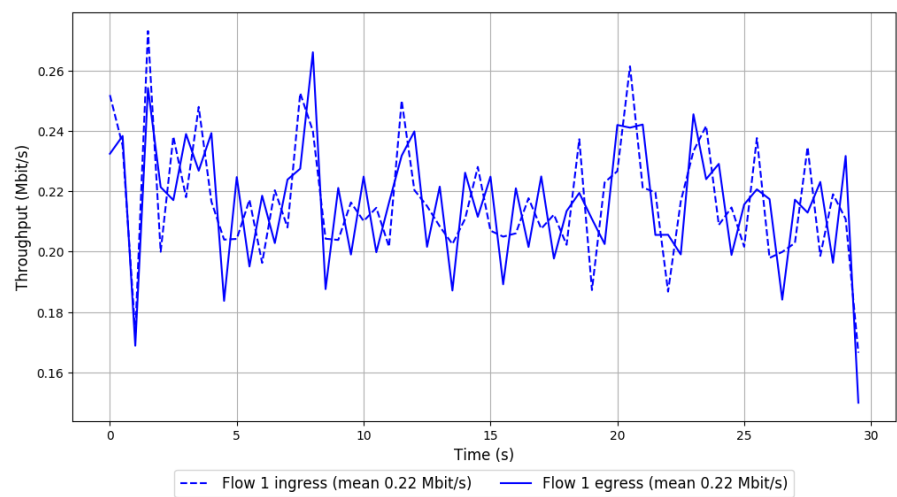
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 57.957 ms

Loss rate: 0.25%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:18:05 +0000

End at: Tue, 25 Jul 2017 01:18:35 +0000

Local clock offset: 0.471 ms

Remote clock offset: 0.86 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 57.728 ms

Loss rate: 0.38%

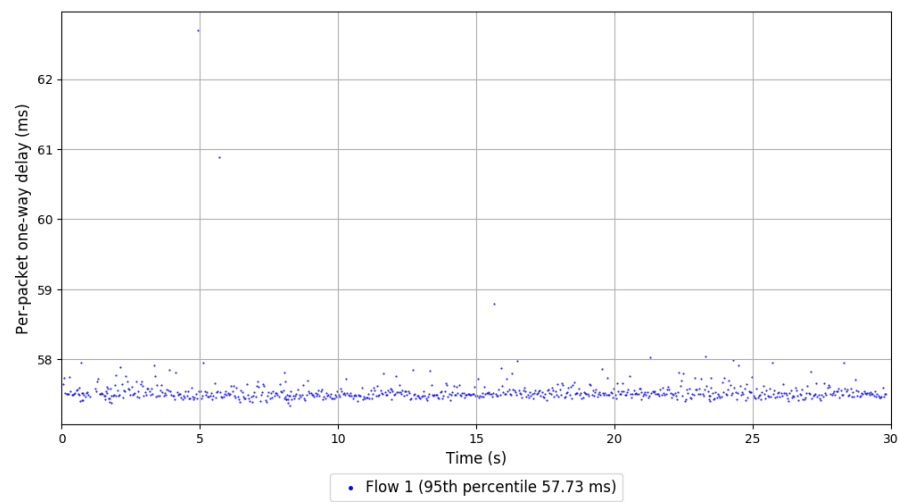
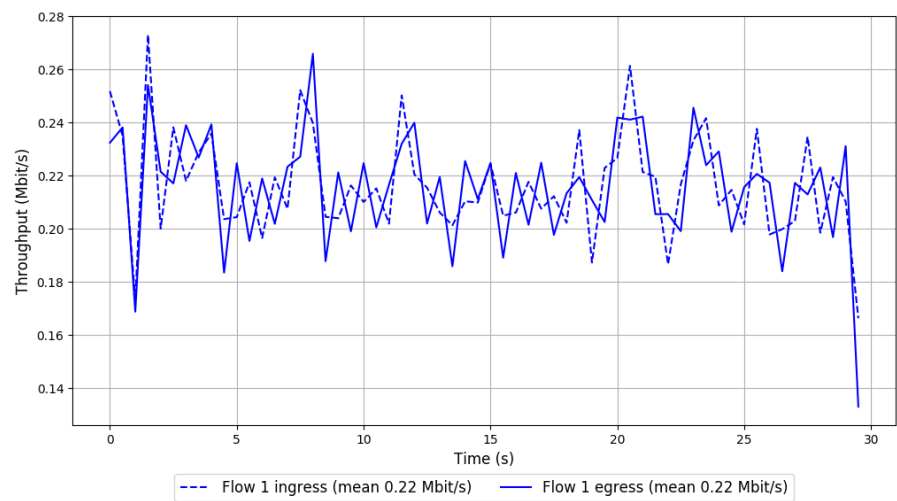
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 57.728 ms

Loss rate: 0.38%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:35:59 +0000

End at: Tue, 25 Jul 2017 01:36:29 +0000

Local clock offset: 0.453 ms

Remote clock offset: 1.522 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 57.649 ms

Loss rate: 0.25%

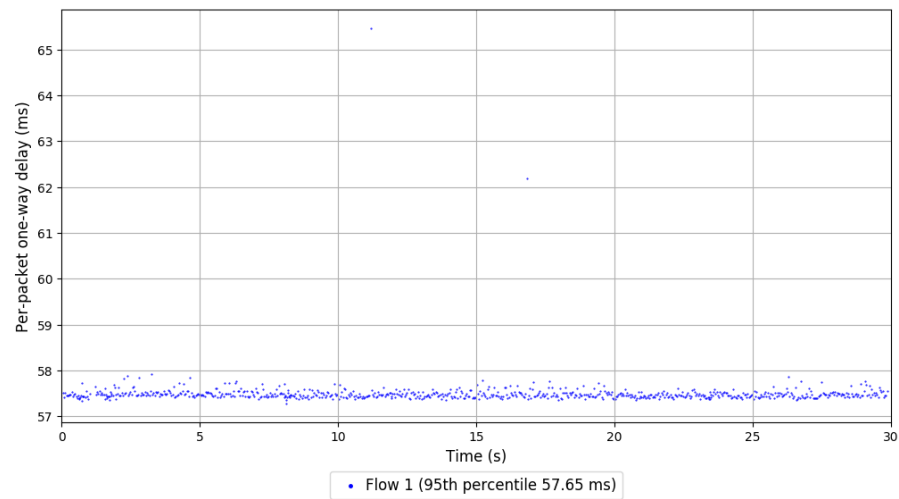
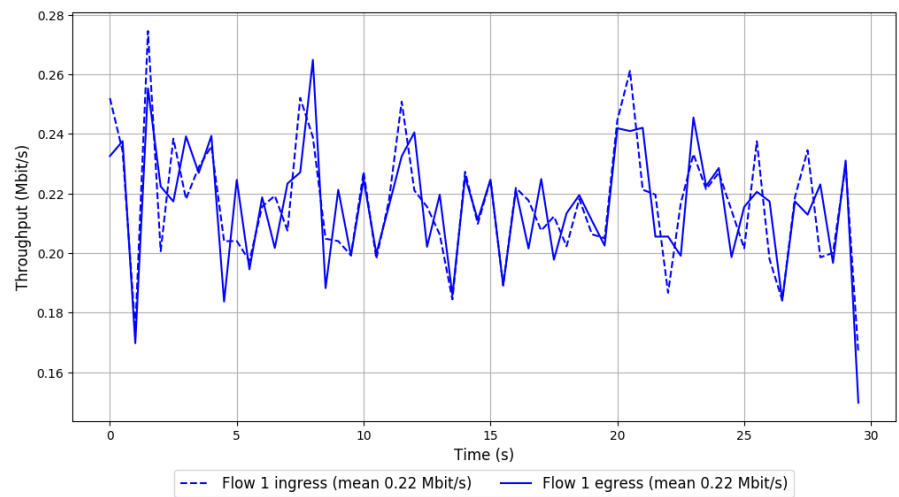
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 57.649 ms

Loss rate: 0.25%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:53:38 +0000

End at: Tue, 25 Jul 2017 01:54:08 +0000

Local clock offset: 0.463 ms

Remote clock offset: 1.365 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.612 ms

Loss rate: 0.25%

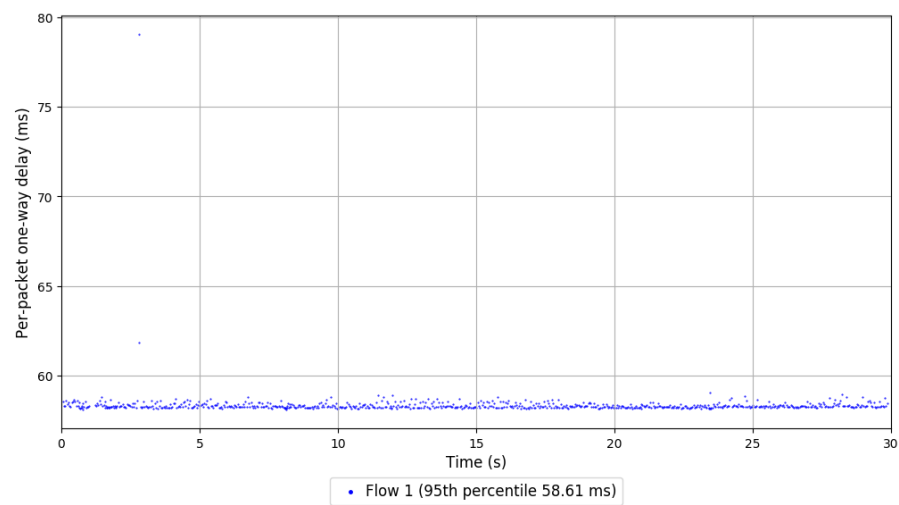
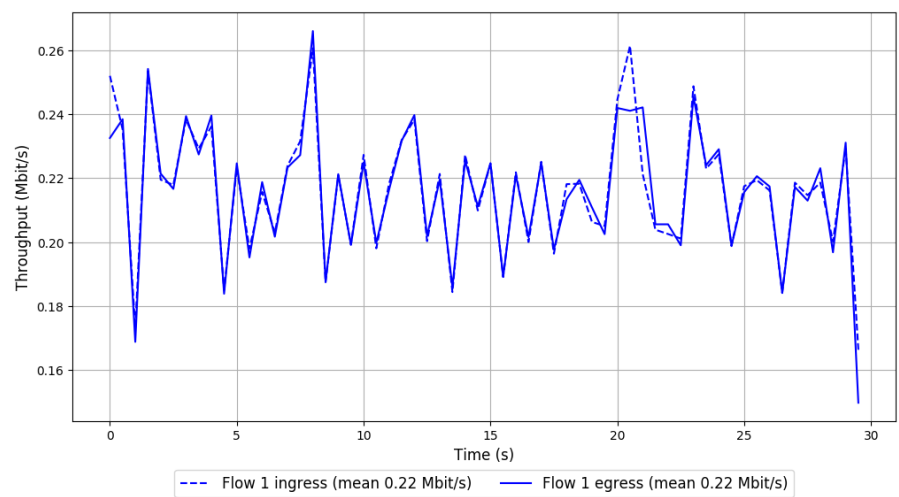
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.612 ms

Loss rate: 0.25%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:17:18 +0000

End at: Mon, 24 Jul 2017 23:17:48 +0000

Local clock offset: 0.482 ms

Remote clock offset: 1.799 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.69 Mbit/s

95th percentile per-packet one-way delay: 59.579 ms

Loss rate: 0.41%

-- Flow 1:

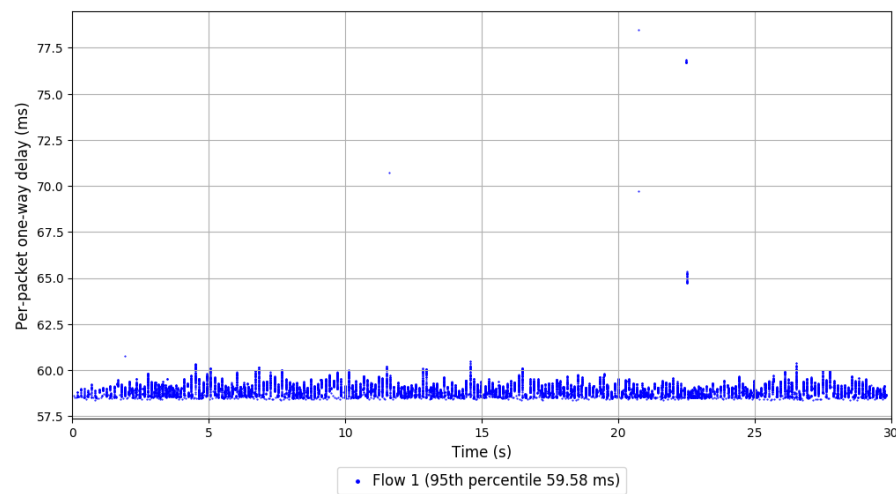
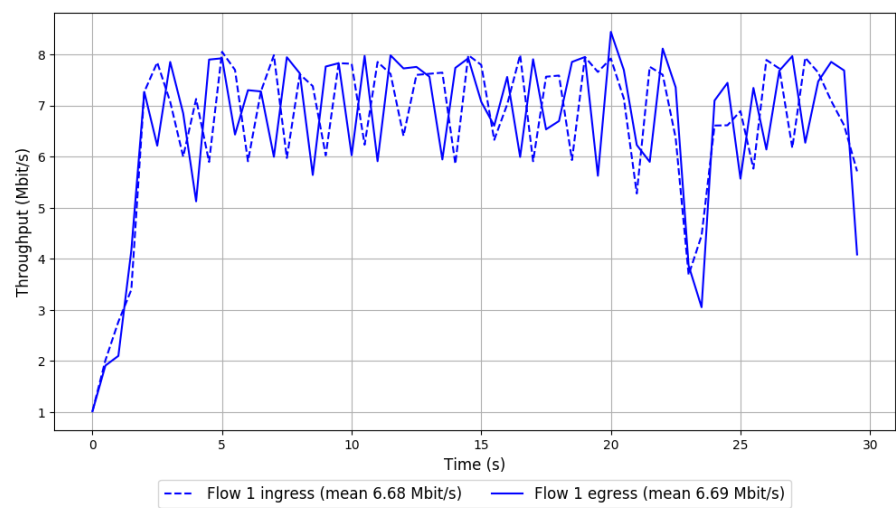
Average throughput: 6.69 Mbit/s

95th percentile per-packet one-way delay: 59.579 ms

Loss rate: 0.41%



Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:35:11 +0000

End at: Mon, 24 Jul 2017 23:35:41 +0000

Local clock offset: 0.511 ms

Remote clock offset: 0.806 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.39 Mbit/s

95th percentile per-packet one-way delay: 59.642 ms

Loss rate: 0.40%

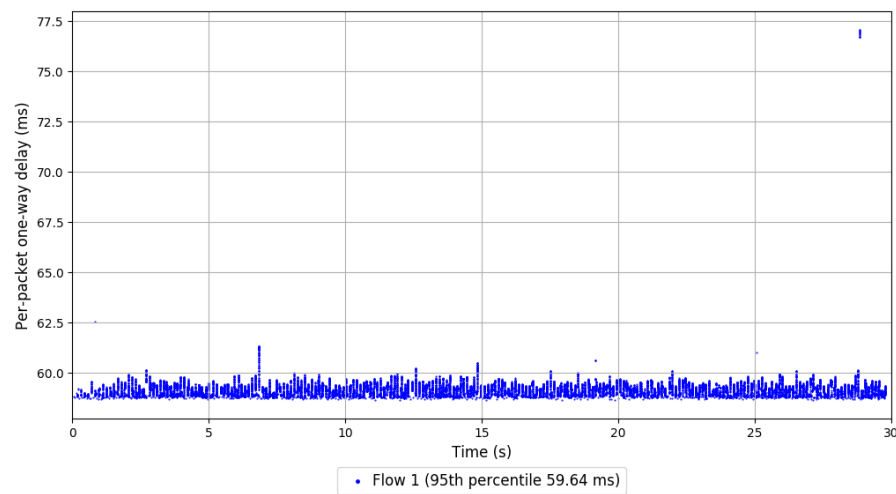
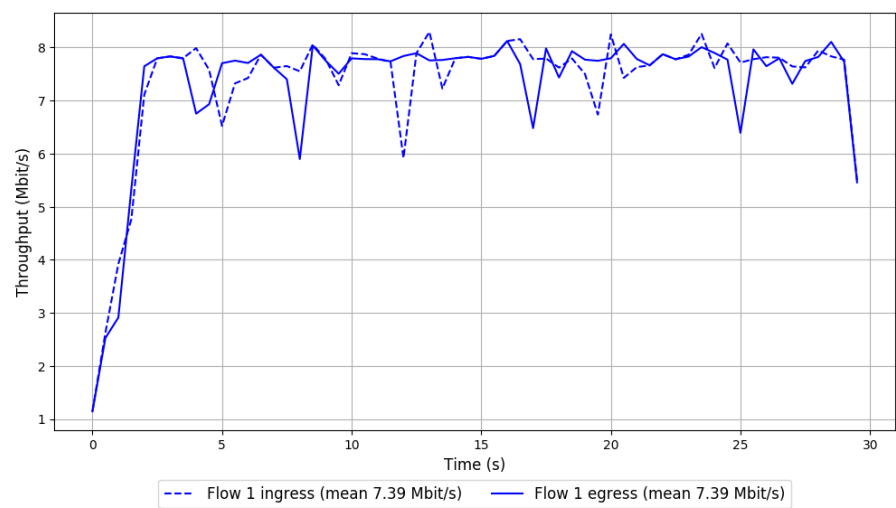
-- Flow 1:

Average throughput: 7.39 Mbit/s

95th percentile per-packet one-way delay: 59.642 ms

Loss rate: 0.40%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:52:59 +0000

End at: Mon, 24 Jul 2017 23:53:29 +0000

Local clock offset: 0.502 ms

Remote clock offset: 0.164 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.25 Mbit/s

95th percentile per-packet one-way delay: 59.122 ms

Loss rate: 0.49%

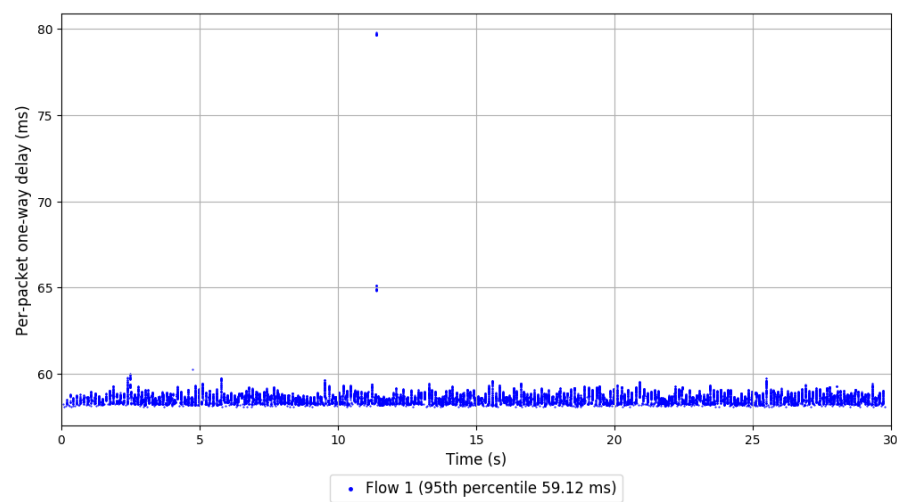
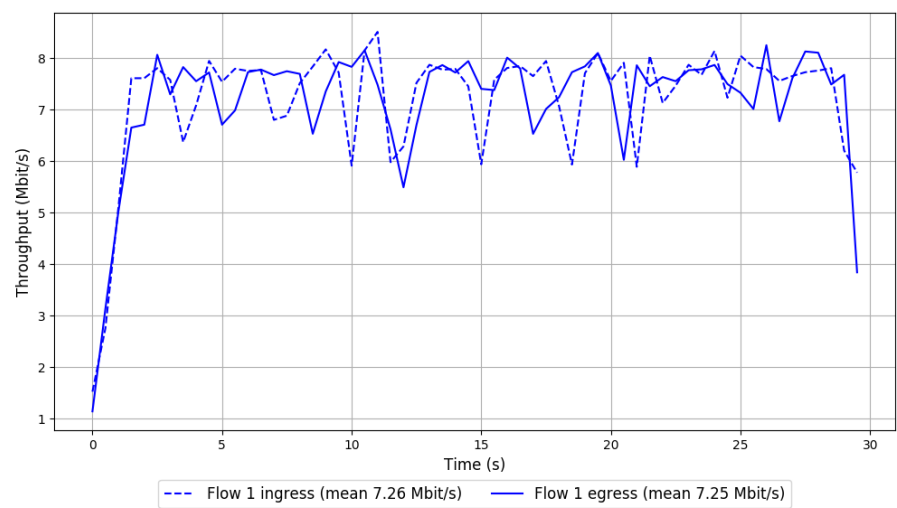
-- Flow 1:

Average throughput: 7.25 Mbit/s

95th percentile per-packet one-way delay: 59.122 ms

Loss rate: 0.49%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:11:01 +0000

End at: Tue, 25 Jul 2017 00:11:31 +0000

Local clock offset: 0.571 ms

Remote clock offset: -0.053 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.52 Mbit/s

95th percentile per-packet one-way delay: 58.569 ms

Loss rate: 0.51%

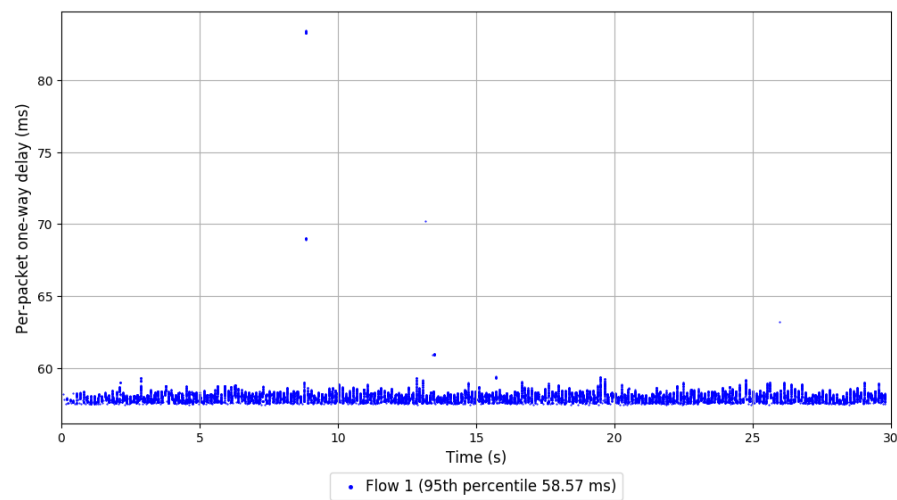
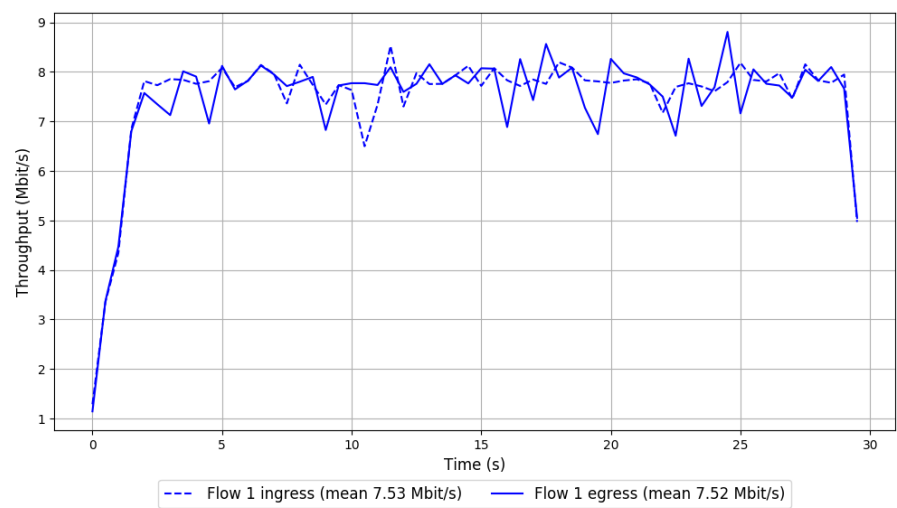
-- Flow 1:

Average throughput: 7.52 Mbit/s

95th percentile per-packet one-way delay: 58.569 ms

Loss rate: 0.51%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:28:55 +0000

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

Local clock offset: 0.597 ms

Remote clock offset: -0.143 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 58.826 ms

Loss rate: 0.40%

-- Flow 1:

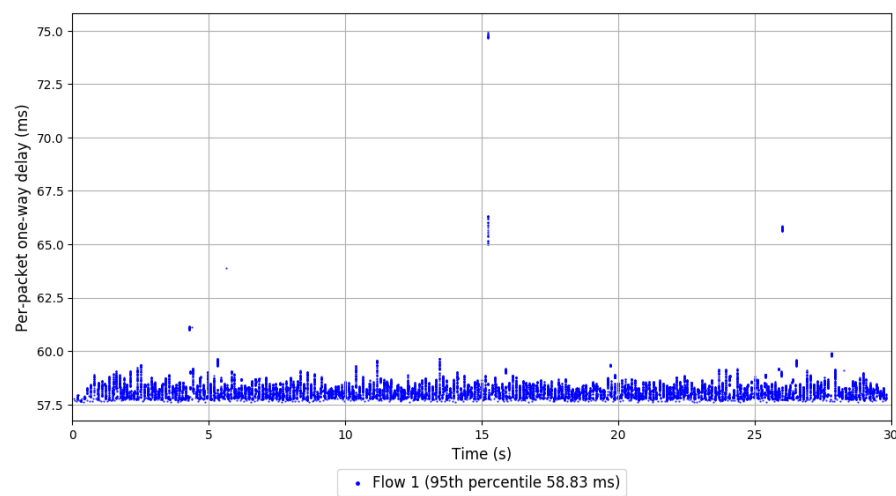
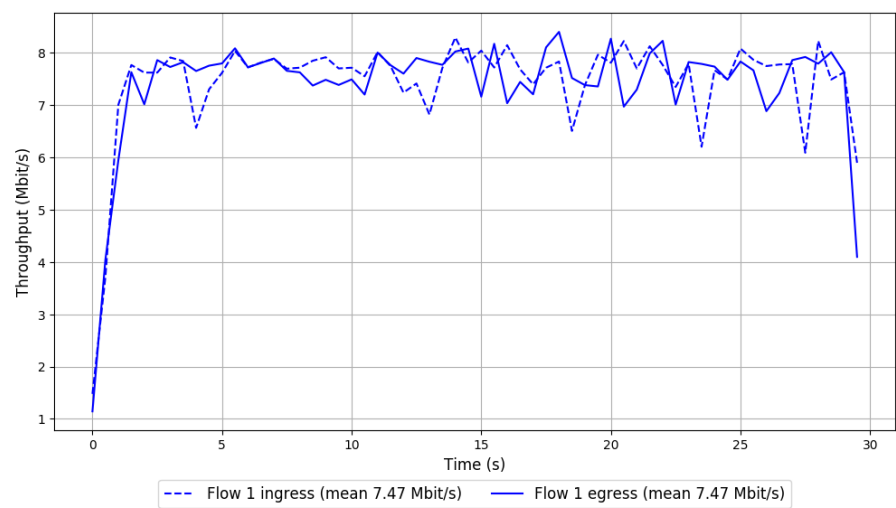
Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 58.826 ms

Loss rate: 0.40%



Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:46:45 +0000

End at: Tue, 25 Jul 2017 00:47:15 +0000

Local clock offset: 0.596 ms

Remote clock offset: -0.07 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.88 Mbit/s

95th percentile per-packet one-way delay: 59.144 ms

Loss rate: 0.46%

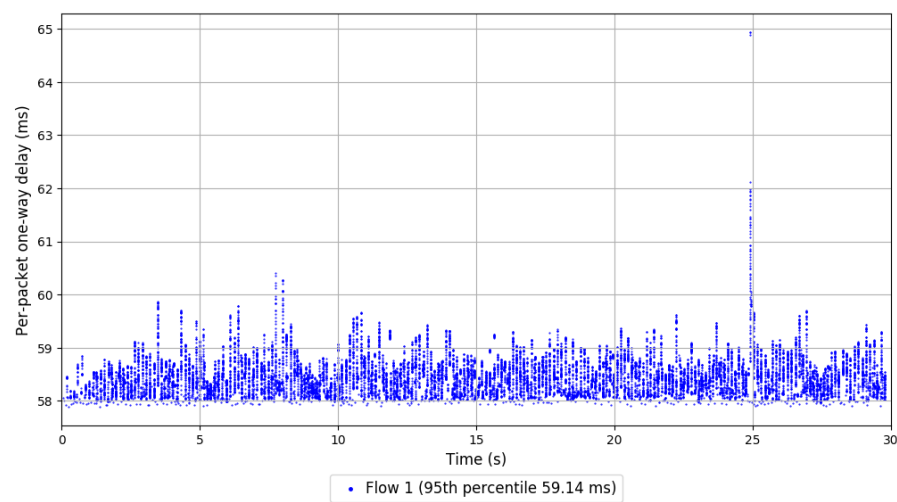
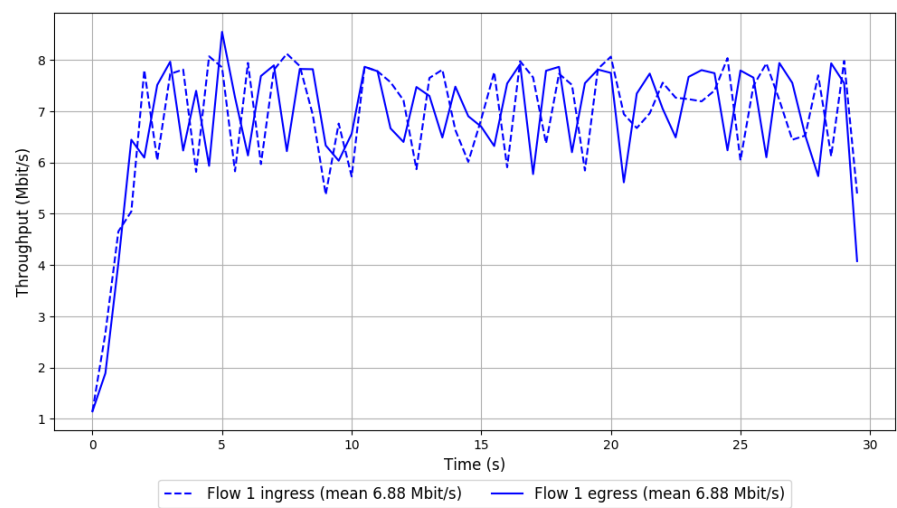
-- Flow 1:

Average throughput: 6.88 Mbit/s

95th percentile per-packet one-way delay: 59.144 ms

Loss rate: 0.46%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:04:48 +0000

End at: Tue, 25 Jul 2017 01:05:18 +0000

Local clock offset: 0.493 ms

Remote clock offset: 0.178 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.84 Mbit/s

95th percentile per-packet one-way delay: 59.207 ms

Loss rate: 0.42%

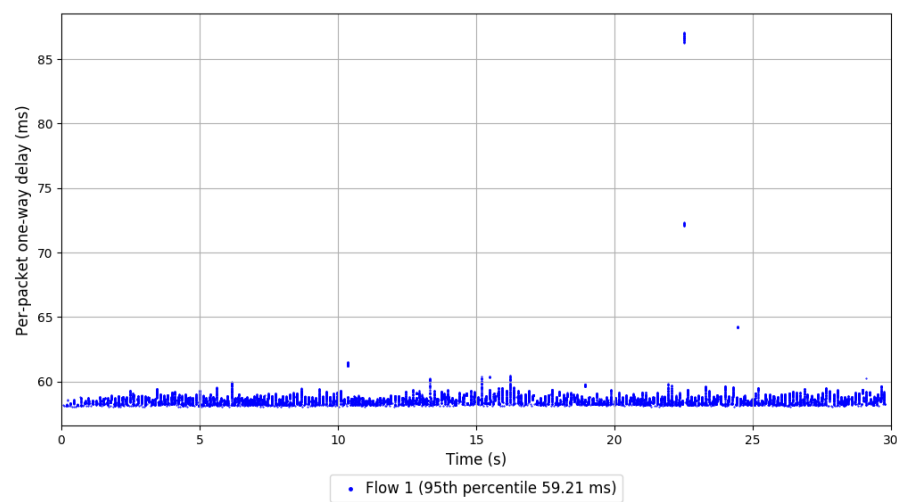
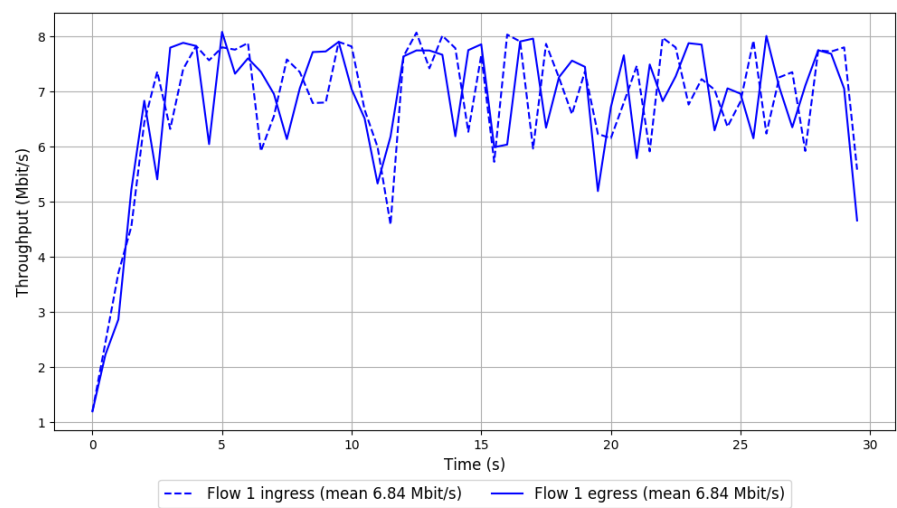
-- Flow 1:

Average throughput: 6.84 Mbit/s

95th percentile per-packet one-way delay: 59.207 ms

Loss rate: 0.42%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:22:43 +0000

End at: Tue, 25 Jul 2017 01:23:13 +0000

Local clock offset: 0.461 ms

Remote clock offset: 0.628 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.49 Mbit/s

95th percentile per-packet one-way delay: 58.460 ms

Loss rate: 0.42%

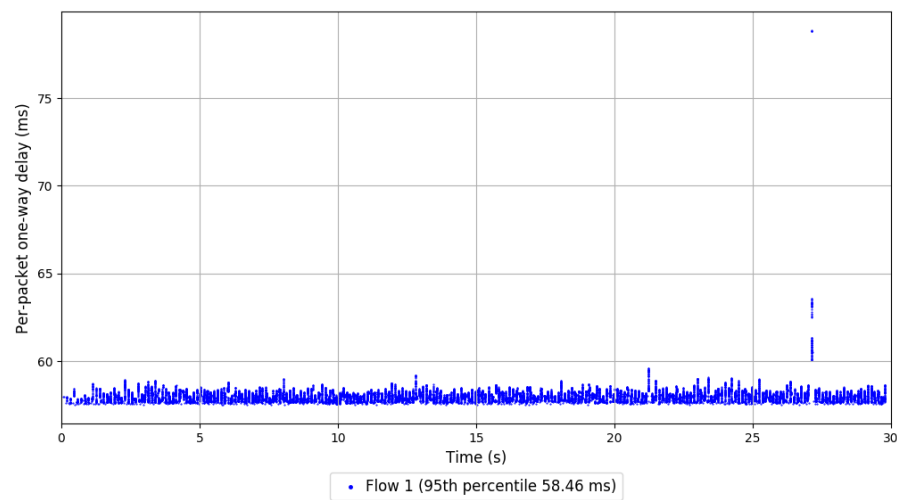
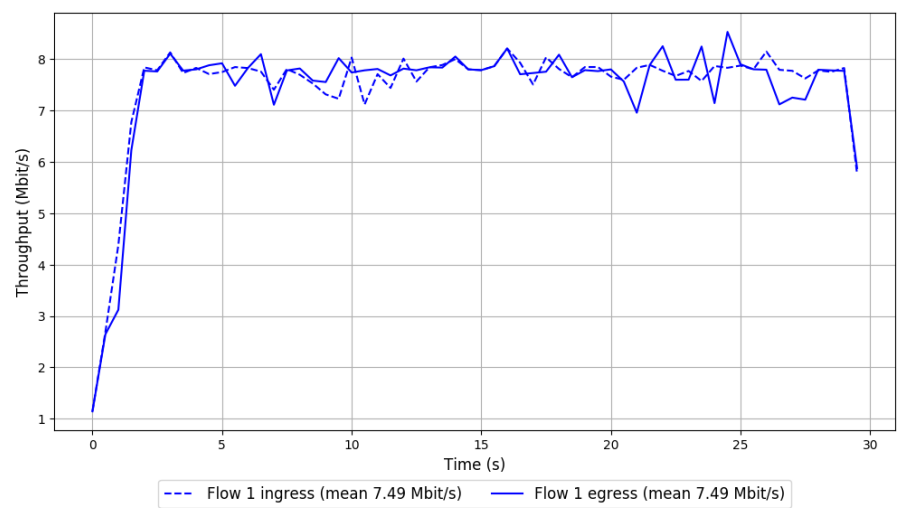
-- Flow 1:

Average throughput: 7.49 Mbit/s

95th percentile per-packet one-way delay: 58.460 ms

Loss rate: 0.42%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:40:35 +0000

End at: Tue, 25 Jul 2017 01:41:05 +0000

Local clock offset: 0.451 ms

Remote clock offset: 1.604 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.29 Mbit/s

95th percentile per-packet one-way delay: 58.521 ms

Loss rate: 0.45%

-- Flow 1:

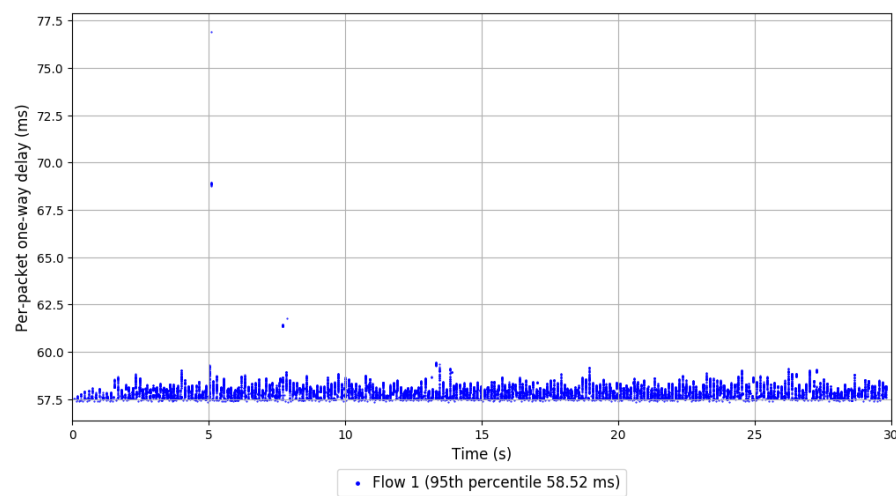
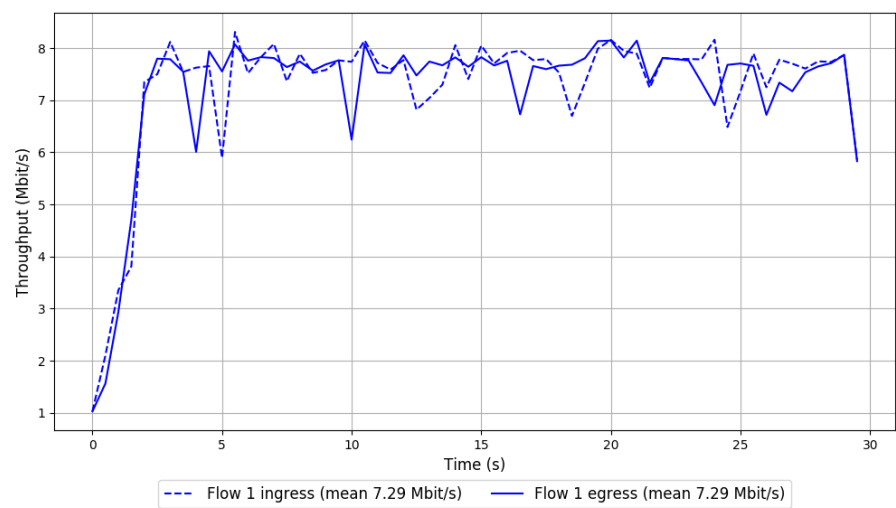
Average throughput: 7.29 Mbit/s

95th percentile per-packet one-way delay: 58.521 ms

Loss rate: 0.45%



Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Tue, 25 Jul 2017 01:58:13 +0000

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

Local clock offset: 0.433 ms

Remote clock offset: 1.497 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.43 Mbit/s

95th percentile per-packet one-way delay: 57.962 ms

Loss rate: 0.44%

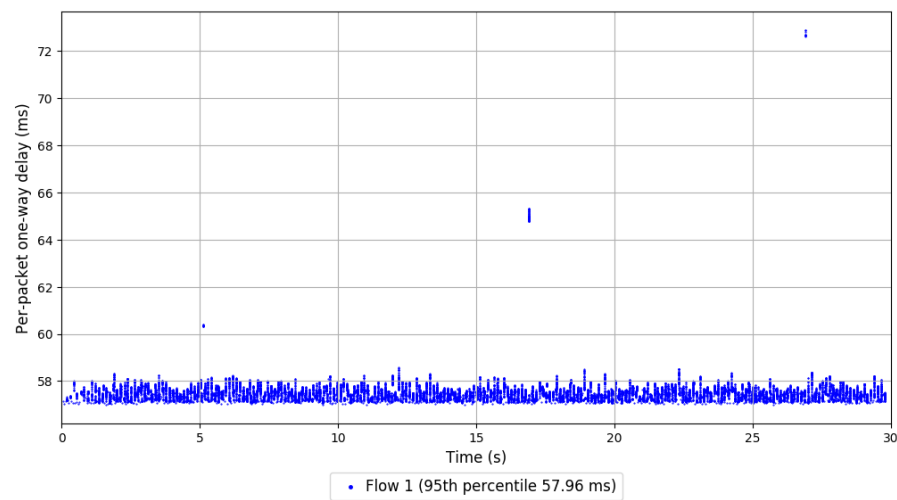
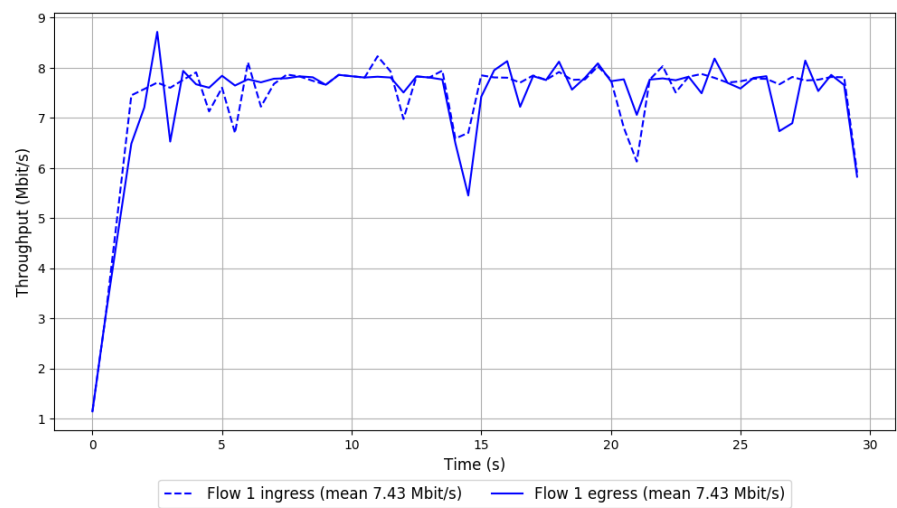
-- Flow 1:

Average throughput: 7.43 Mbit/s

95th percentile per-packet one-way delay: 57.962 ms

Loss rate: 0.44%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:04:13 +0000

End at: Mon, 24 Jul 2017 23:04:44 +0000

Local clock offset: 0.355 ms

Remote clock offset: 2.063 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.55 Mbit/s

95th percentile per-packet one-way delay: 68.286 ms

Loss rate: 13.57%

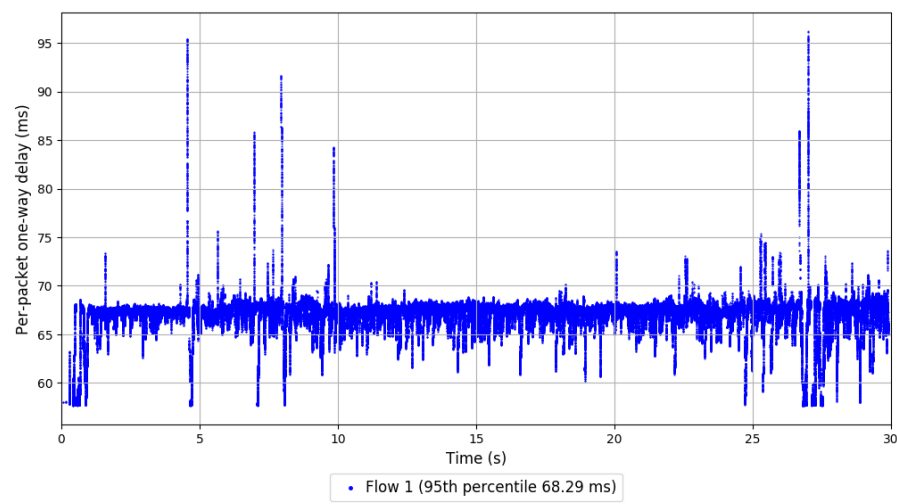
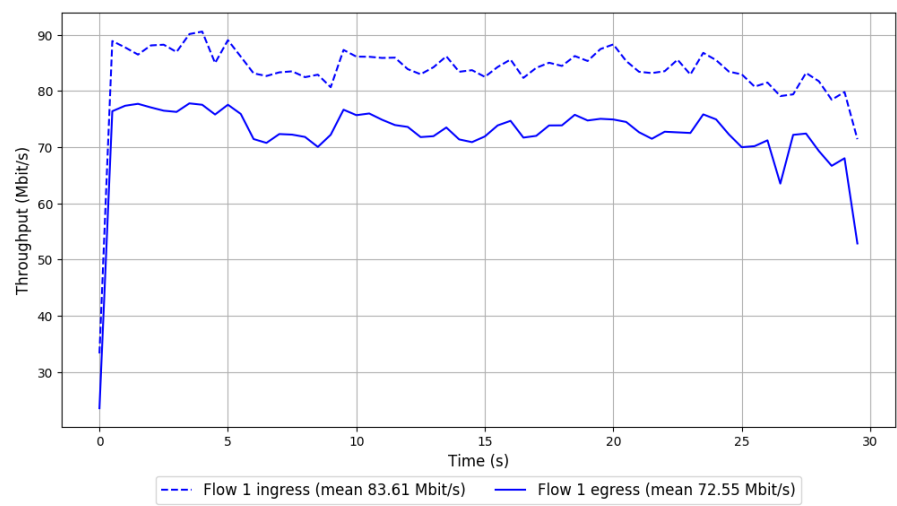
-- Flow 1:

Average throughput: 72.55 Mbit/s

95th percentile per-packet one-way delay: 68.286 ms

Loss rate: 13.57%

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



Run 2: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:22:07 +0000

End at: Mon, 24 Jul 2017 23:22:37 +0000

Local clock offset: 0.465 ms

Remote clock offset: 2.091 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.30 Mbit/s

95th percentile per-packet one-way delay: 67.721 ms

Loss rate: 12.76%

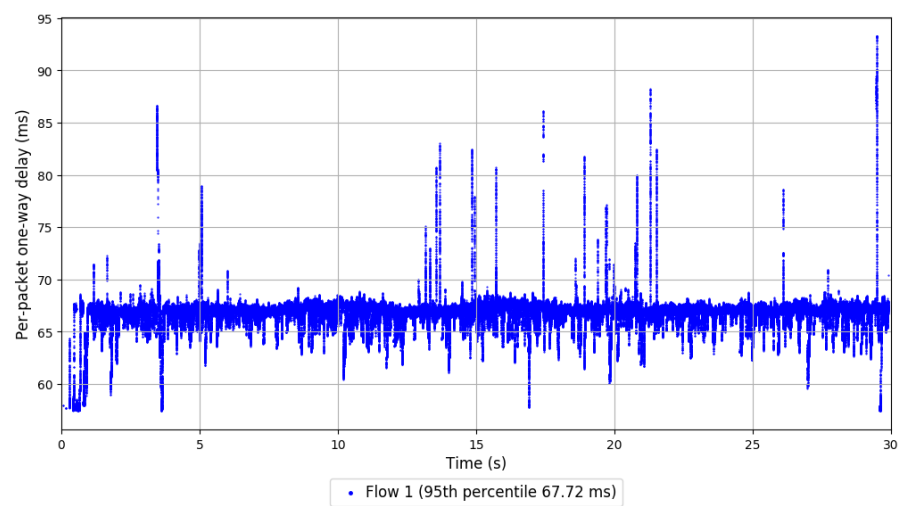
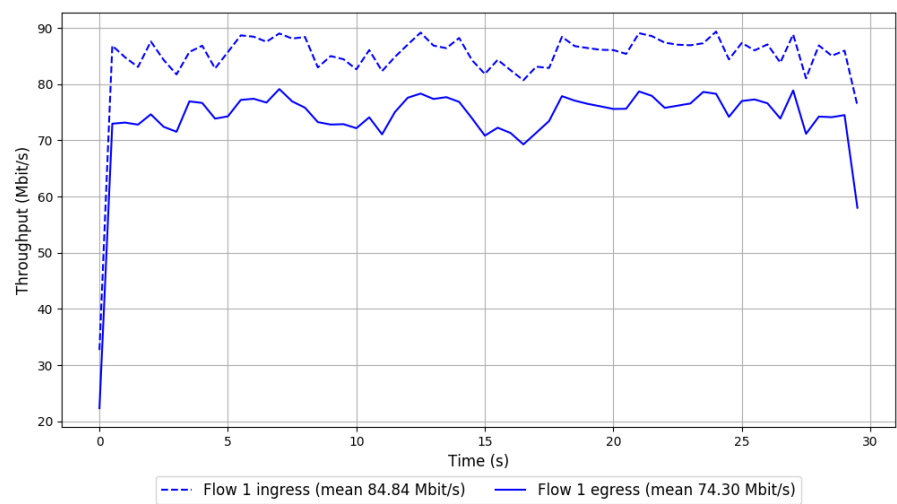
-- Flow 1:

Average throughput: 74.30 Mbit/s

95th percentile per-packet one-way delay: 67.721 ms

Loss rate: 12.76%

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



Run 3: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:40:01 +0000

End at: Mon, 24 Jul 2017 23:40:31 +0000

Local clock offset: 0.558 ms

Remote clock offset: 0.76 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.12 Mbit/s

95th percentile per-packet one-way delay: 69.936 ms

Loss rate: 14.03%

-- Flow 1:

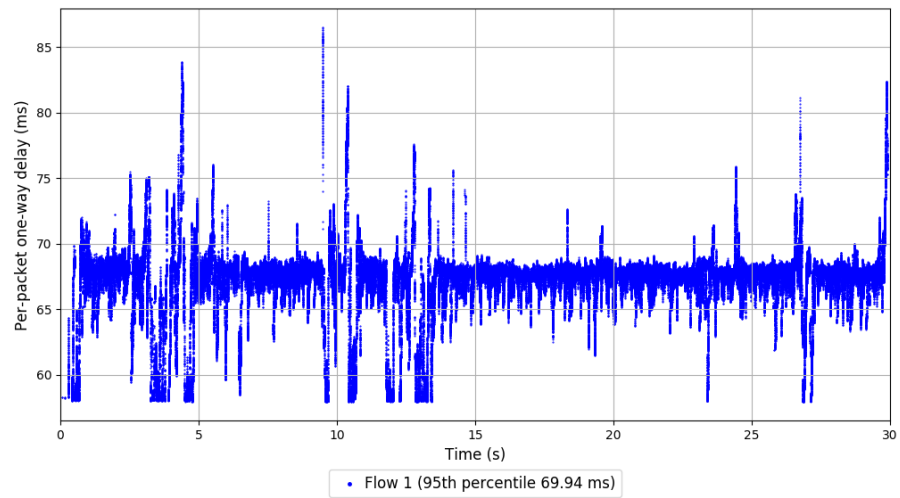
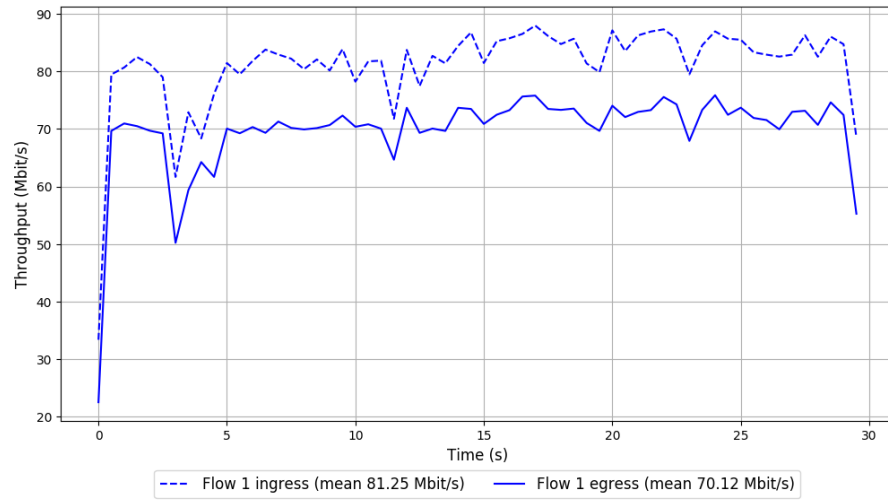
Average throughput: 70.12 Mbit/s

95th percentile per-packet one-way delay: 69.936 ms

Loss rate: 14.03%



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



Run 4: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:57:59 +0000

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

Local clock offset: 0.562 ms

Remote clock offset: -0.136 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.52 Mbit/s

95th percentile per-packet one-way delay: 68.603 ms

Loss rate: 13.48%

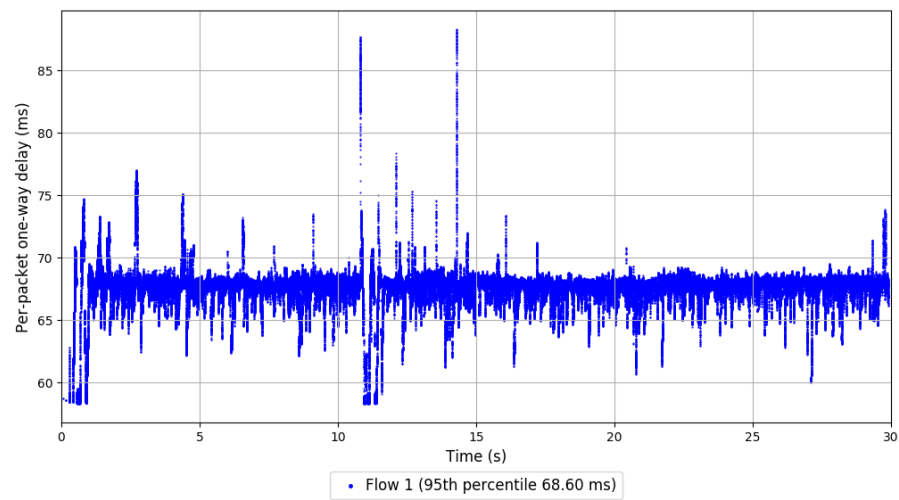
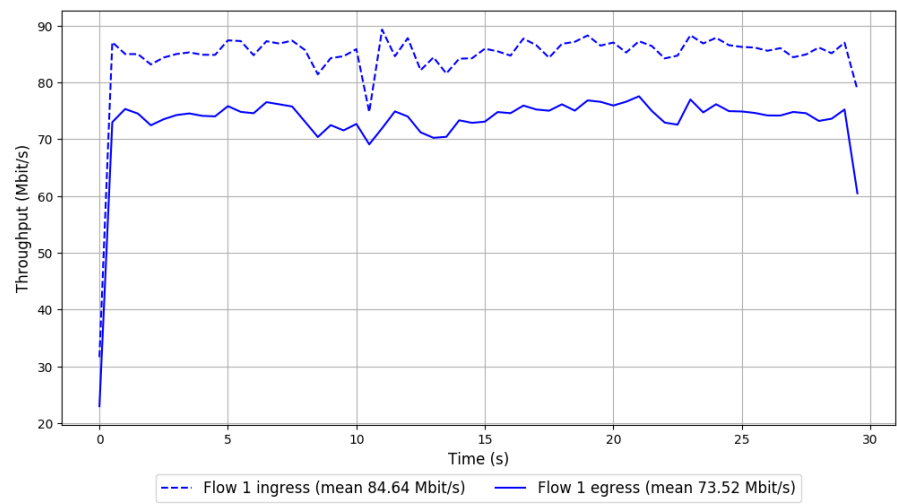
-- Flow 1:

Average throughput: 73.52 Mbit/s

95th percentile per-packet one-way delay: 68.603 ms

Loss rate: 13.48%

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



Run 5: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:15:51 +0000

End at: Tue, 25 Jul 2017 00:16:21 +0000

Local clock offset: 0.744 ms

Remote clock offset: -0.315 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.94 Mbit/s

95th percentile per-packet one-way delay: 68.240 ms

Loss rate: 12.97%

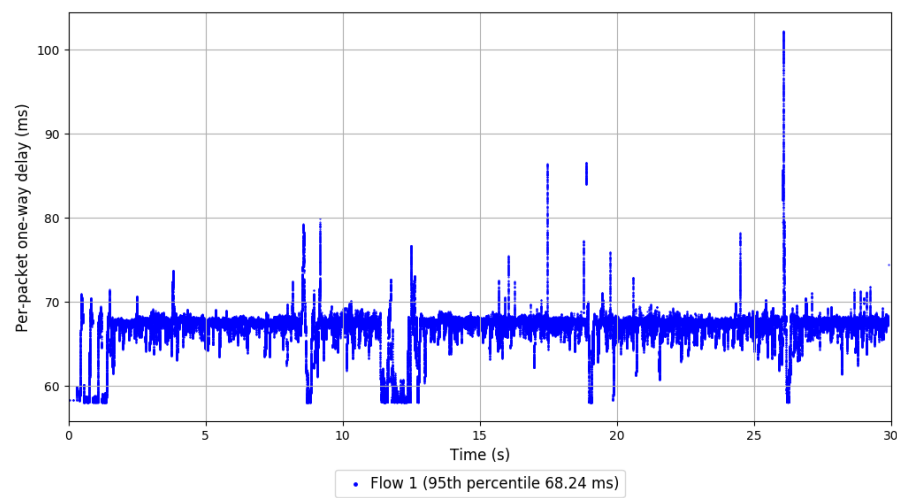
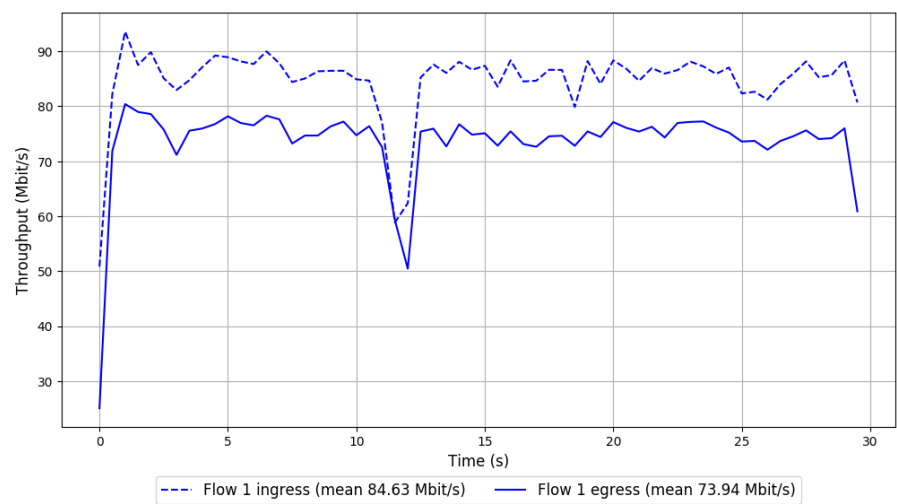
-- Flow 1:

Average throughput: 73.94 Mbit/s

95th percentile per-packet one-way delay: 68.240 ms

Loss rate: 12.97%

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:33:48 +0000

End at: Tue, 25 Jul 2017 00:34:18 +0000

Local clock offset: 0.564 ms

Remote clock offset: -0.233 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.90 Mbit/s

95th percentile per-packet one-way delay: 71.425 ms

Loss rate: 14.13%

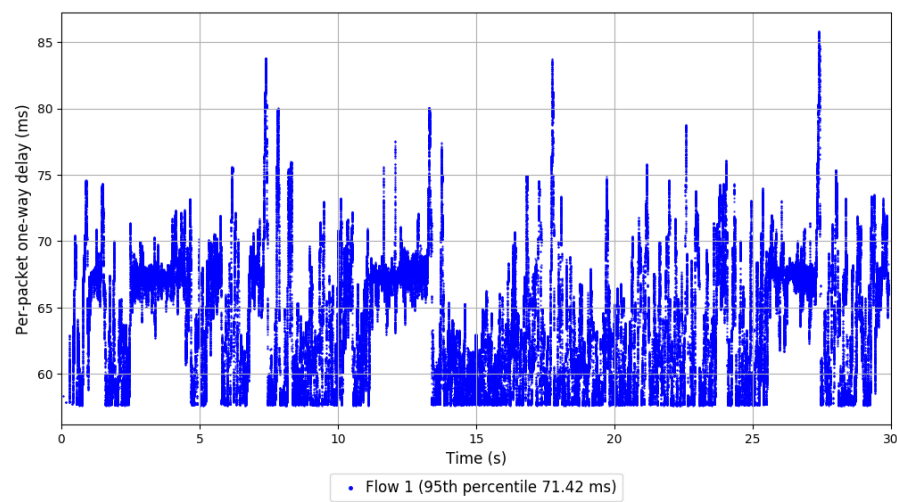
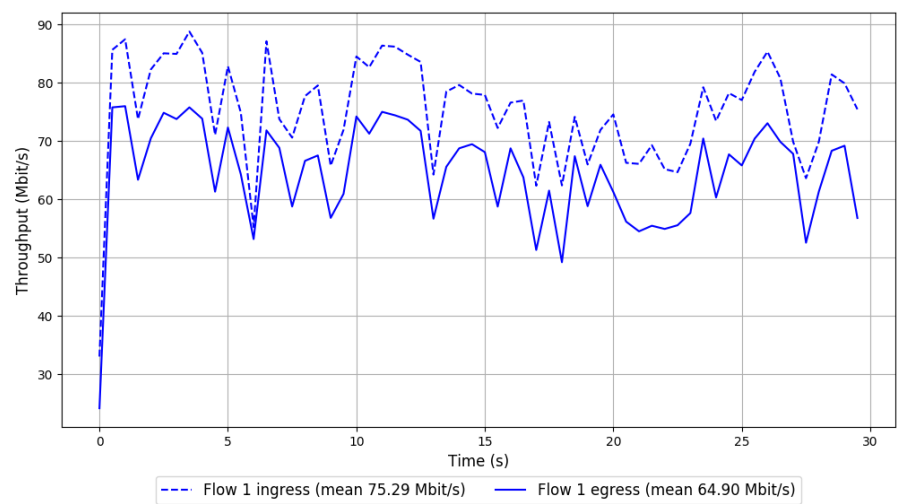
-- Flow 1:

Average throughput: 64.90 Mbit/s

95th percentile per-packet one-way delay: 71.425 ms

Loss rate: 14.13%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:51:40 +0000

End at: Tue, 25 Jul 2017 00:52:10 +0000

Local clock offset: 0.52 ms

Remote clock offset: 0.13 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 72.633 ms

Loss rate: 14.88%

-- Flow 1:

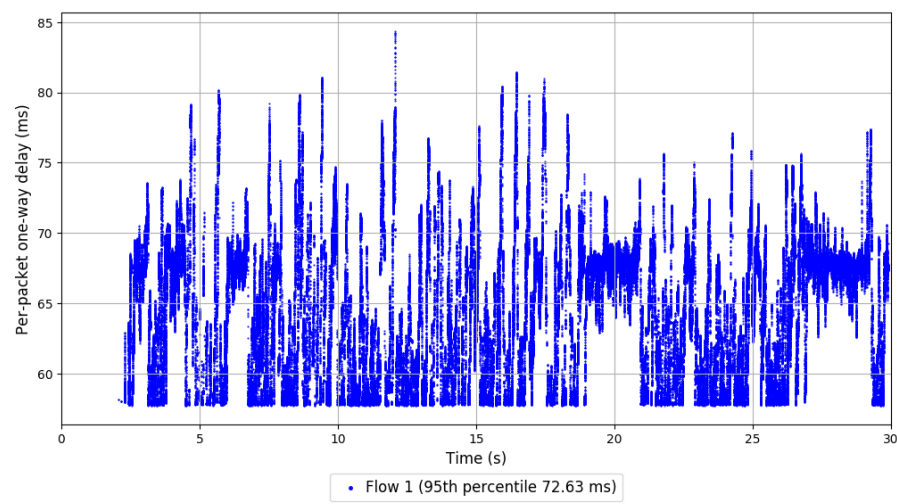
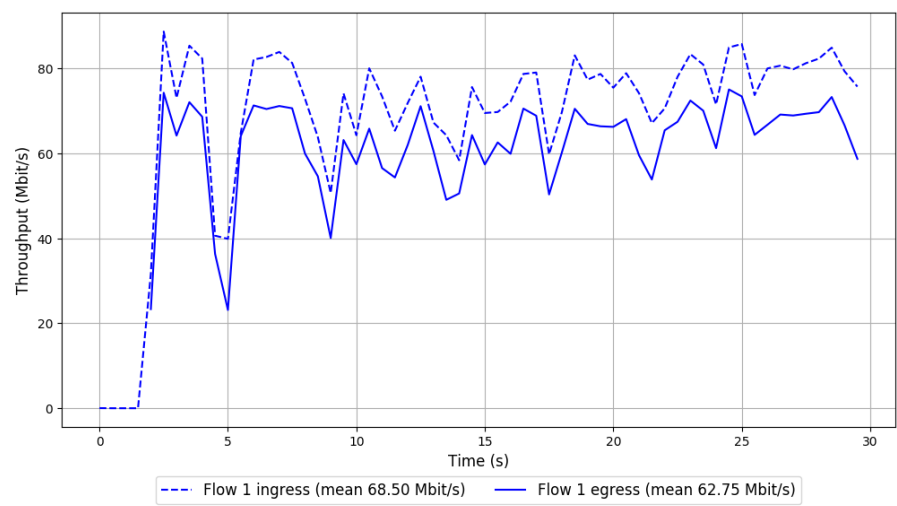
Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 72.633 ms

Loss rate: 14.88%



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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:09:40 +0000

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

Local clock offset: 0.447 ms

Remote clock offset: 0.74 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.78 Mbit/s

95th percentile per-packet one-way delay: 69.037 ms

Loss rate: 14.06%

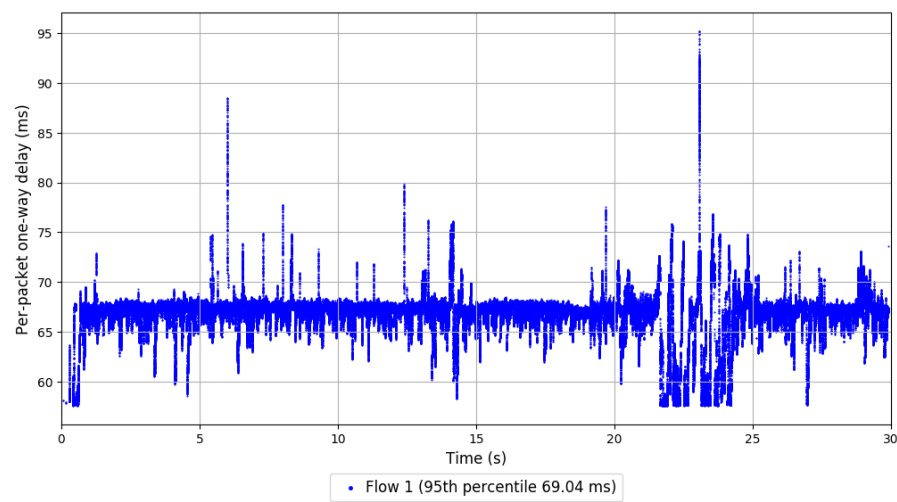
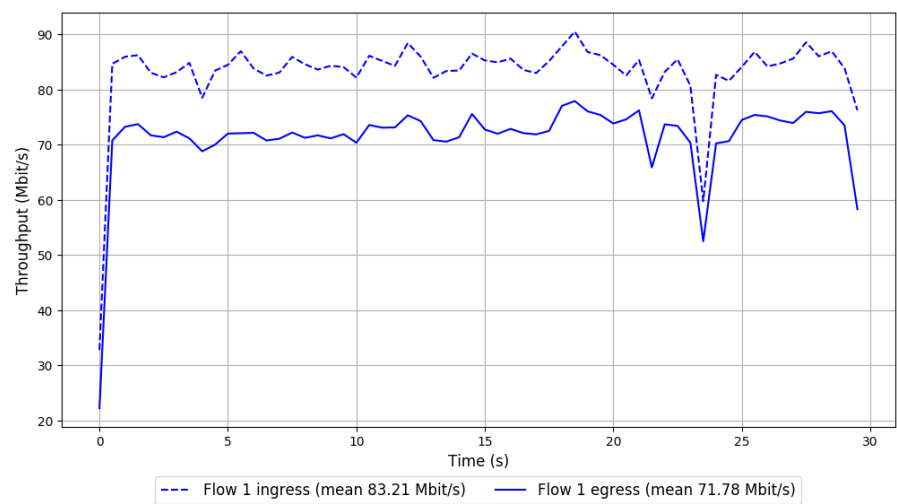
-- Flow 1:

Average throughput: 71.78 Mbit/s

95th percentile per-packet one-way delay: 69.037 ms

Loss rate: 14.06%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:27:29 +0000

End at: Tue, 25 Jul 2017 01:27:59 +0000

Local clock offset: 0.395 ms

Remote clock offset: 0.822 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.93 Mbit/s

95th percentile per-packet one-way delay: 70.596 ms

Loss rate: 13.88%

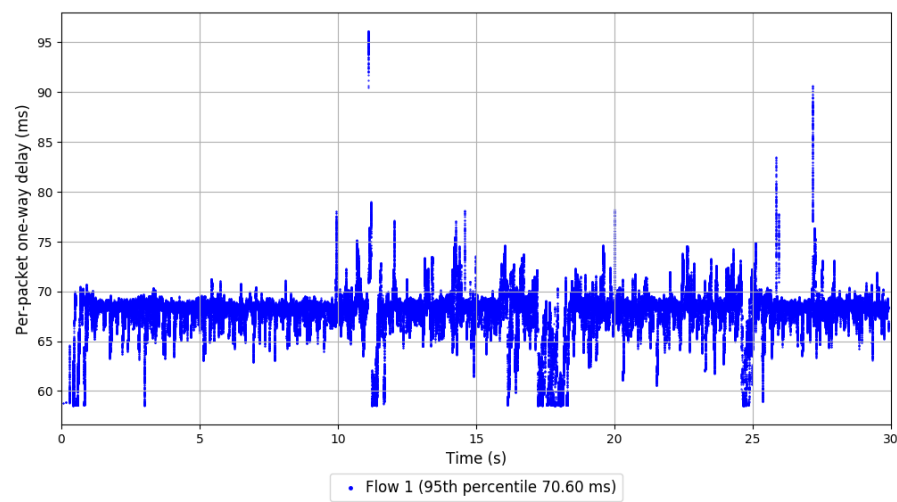
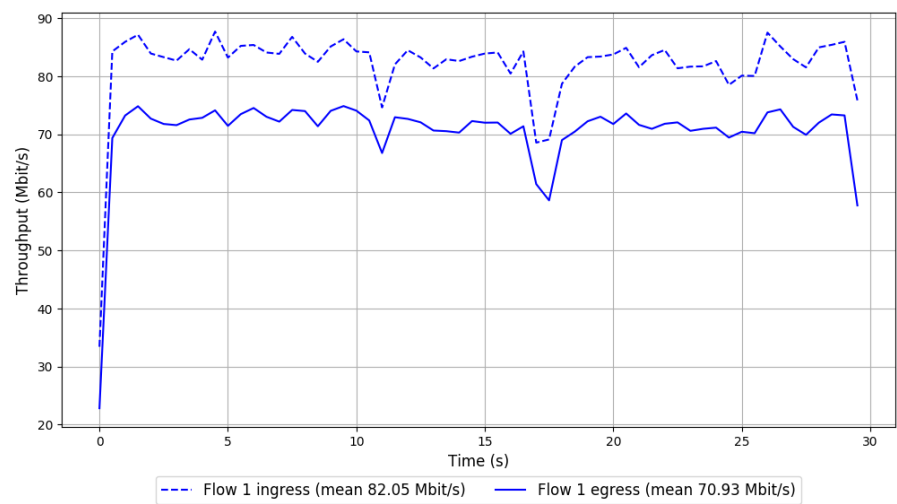
-- Flow 1:

Average throughput: 70.93 Mbit/s

95th percentile per-packet one-way delay: 70.596 ms

Loss rate: 13.88%

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



Run 10: Statistics of TaoVA-100x

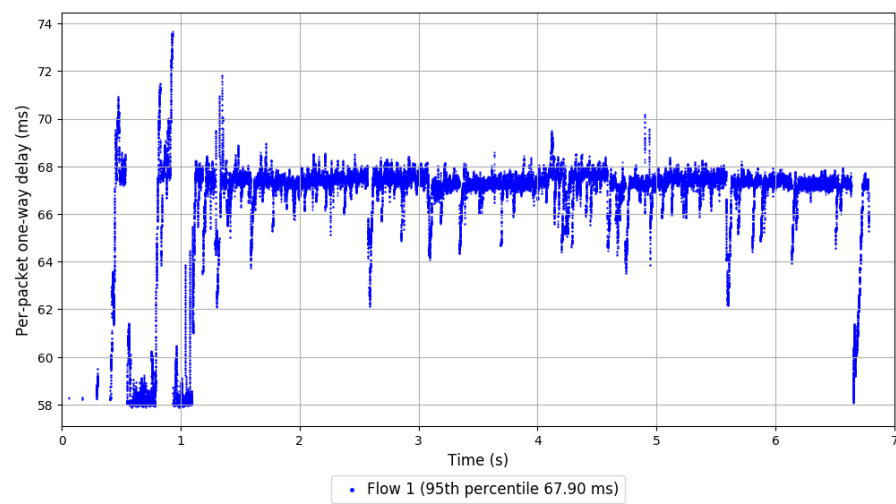
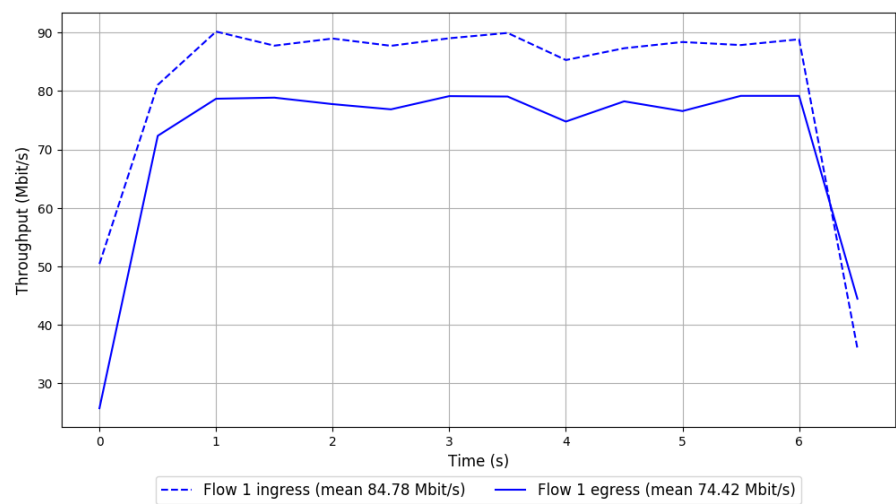
Start at: Tue, 25 Jul 2017 01:45:25 +0000

End at: Tue, 25 Jul 2017 01:45:55 +0000

Local clock offset: 0.464 ms

Remote clock offset: 1.128 ms

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



Run 1: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:16:08 +0000

End at: Mon, 24 Jul 2017 23:16:38 +0000

Local clock offset: 0.47 ms

Remote clock offset: 2.125 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 19.53 Mbit/s

95th percentile per-packet one-way delay: 58.946 ms

Loss rate: 1.10%

-- Flow 1:

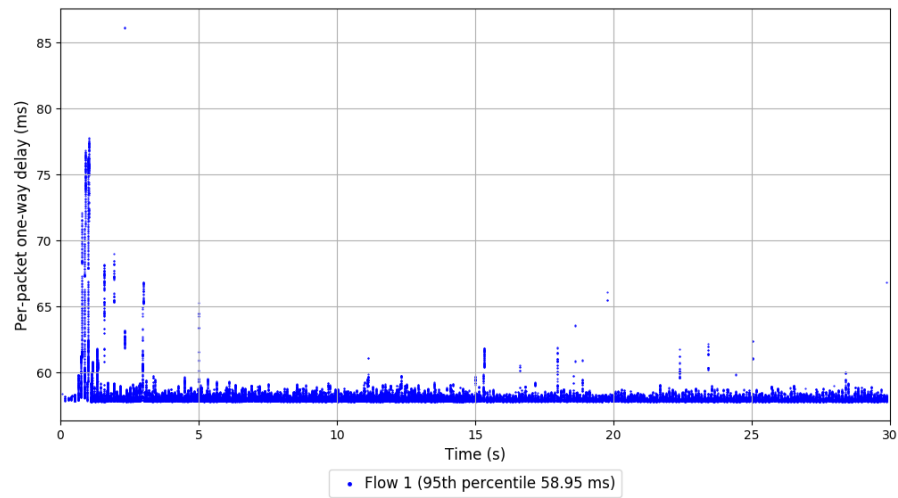
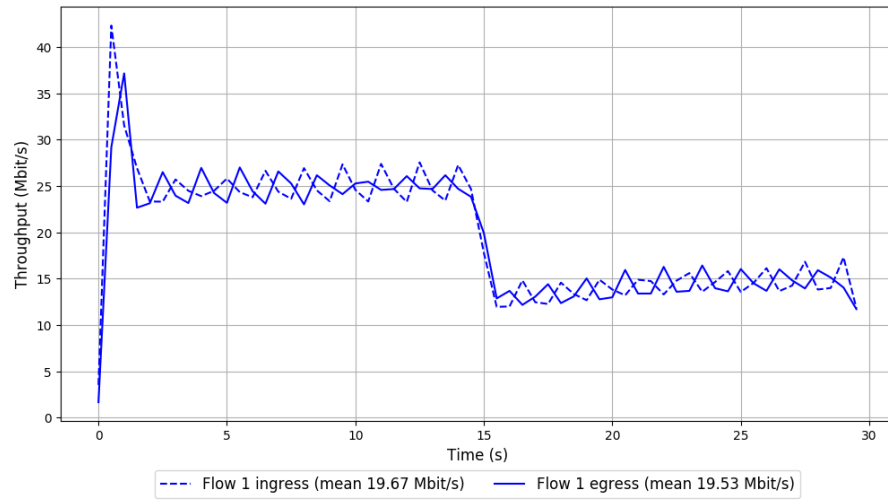
Average throughput: 19.53 Mbit/s

95th percentile per-packet one-way delay: 58.946 ms

Loss rate: 1.10%



### Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:34:00 +0000

End at: Mon, 24 Jul 2017 23:34:30 +0000

Local clock offset: 0.527 ms

Remote clock offset: 1.432 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.24 Mbit/s

95th percentile per-packet one-way delay: 58.624 ms

Loss rate: 0.74%

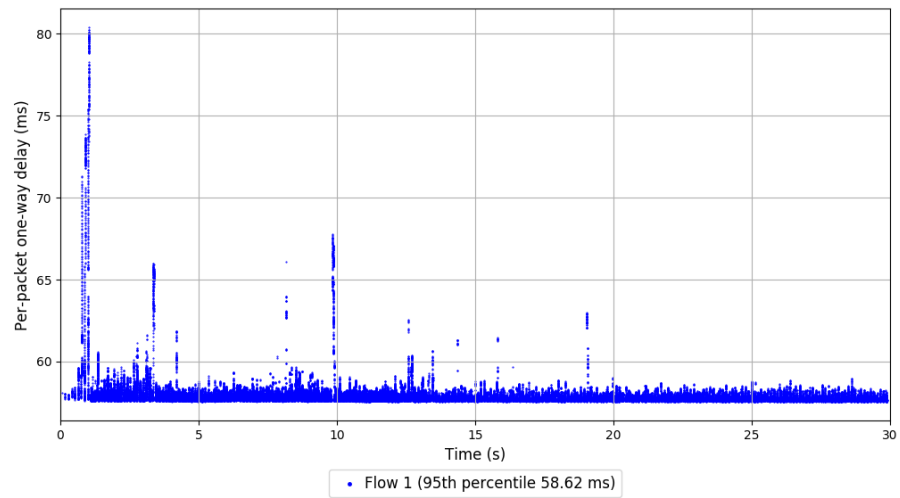
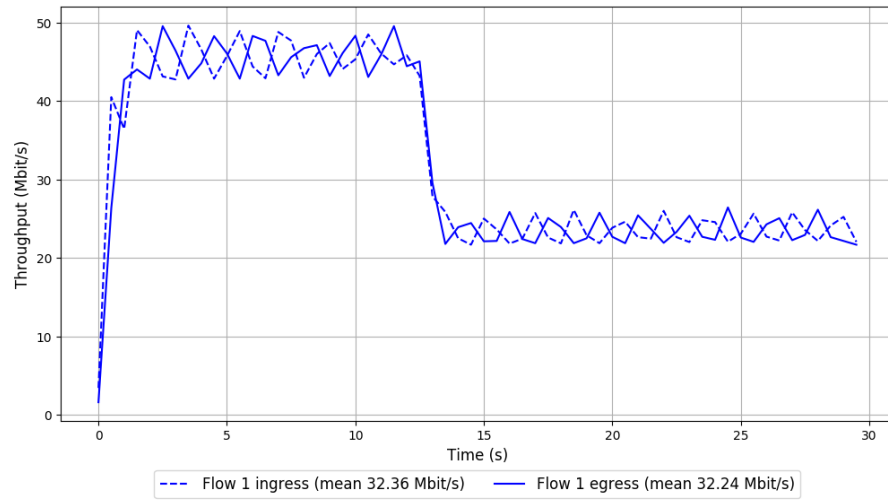
-- Flow 1:

Average throughput: 32.24 Mbit/s

95th percentile per-packet one-way delay: 58.624 ms

Loss rate: 0.74%

## Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

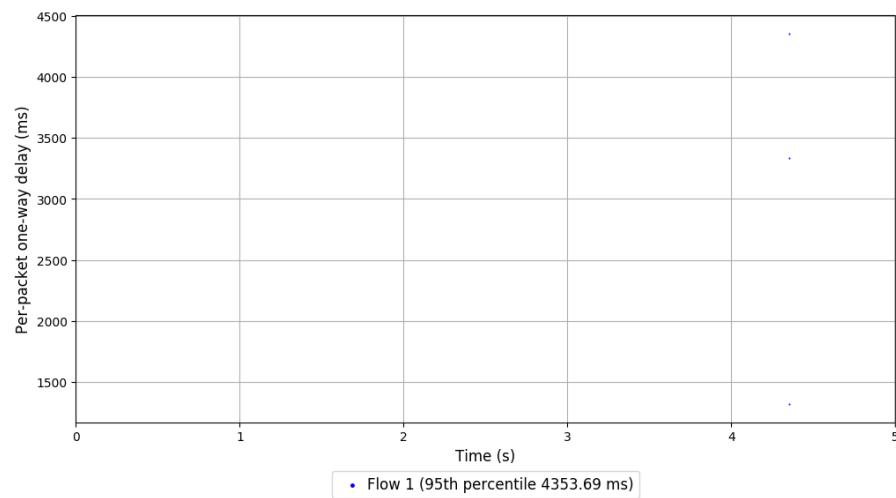
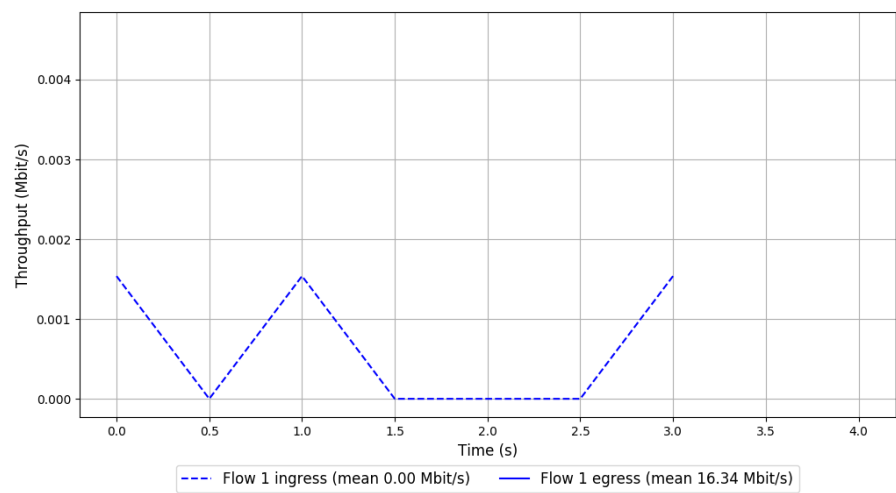
Start at: Mon, 24 Jul 2017 23:51:51 +0000

End at: Mon, 24 Jul 2017 23:52:21 +0000

Local clock offset: 0.538 ms

Remote clock offset: 0.142 ms

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

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

End at: Tue, 25 Jul 2017 00:10:22 +0000

Local clock offset: 0.616 ms

Remote clock offset: -0.681 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.57 Mbit/s

95th percentile per-packet one-way delay: 59.800 ms

Loss rate: 0.69%

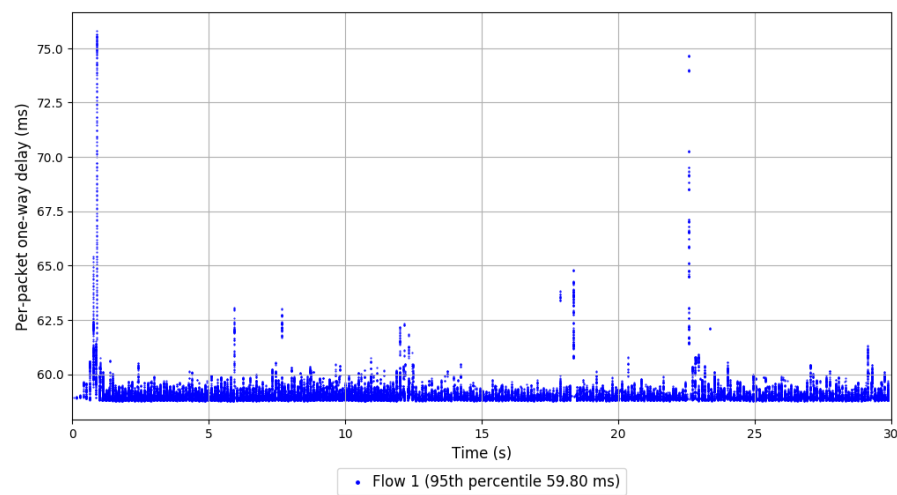
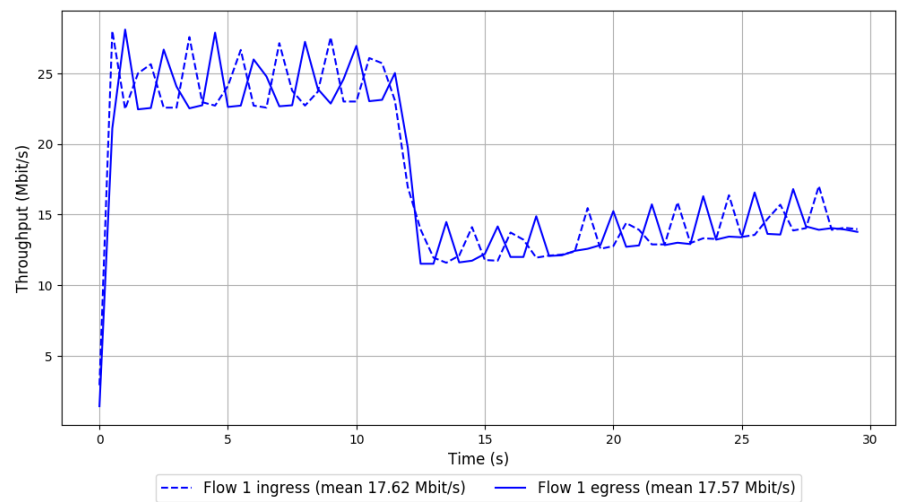
-- Flow 1:

Average throughput: 17.57 Mbit/s

95th percentile per-packet one-way delay: 59.800 ms

Loss rate: 0.69%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:27:45 +0000

End at: Tue, 25 Jul 2017 00:28:15 +0000

Local clock offset: 0.6 ms

Remote clock offset: -0.467 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 28.16 Mbit/s

95th percentile per-packet one-way delay: 58.901 ms

Loss rate: 0.52%

-- Flow 1:

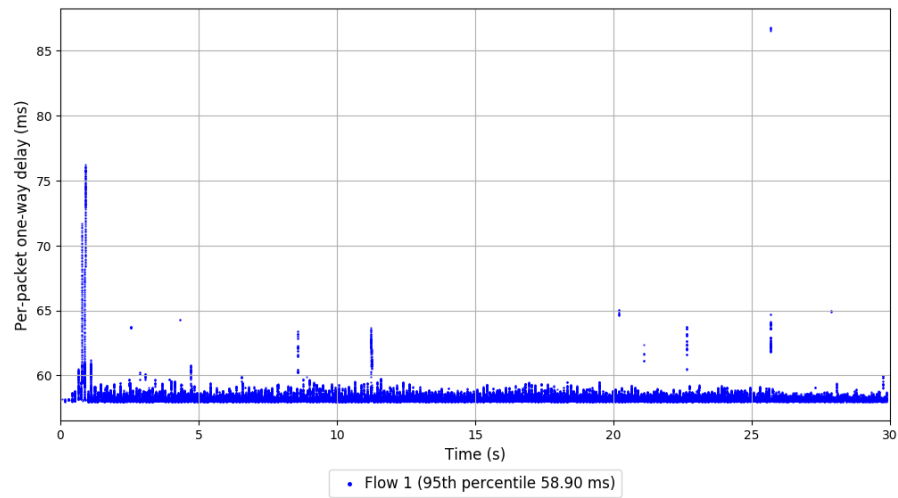
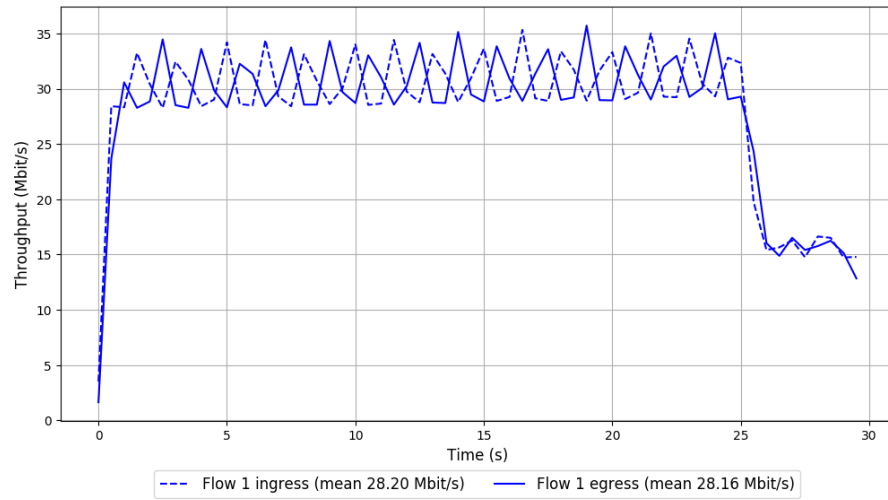
Average throughput: 28.16 Mbit/s

95th percentile per-packet one-way delay: 58.901 ms

Loss rate: 0.52%



### Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:45:36 +0000

End at: Tue, 25 Jul 2017 00:46:06 +0000

Local clock offset: 0.572 ms

Remote clock offset: -0.32 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.94 Mbit/s

95th percentile per-packet one-way delay: 59.595 ms

Loss rate: 1.14%

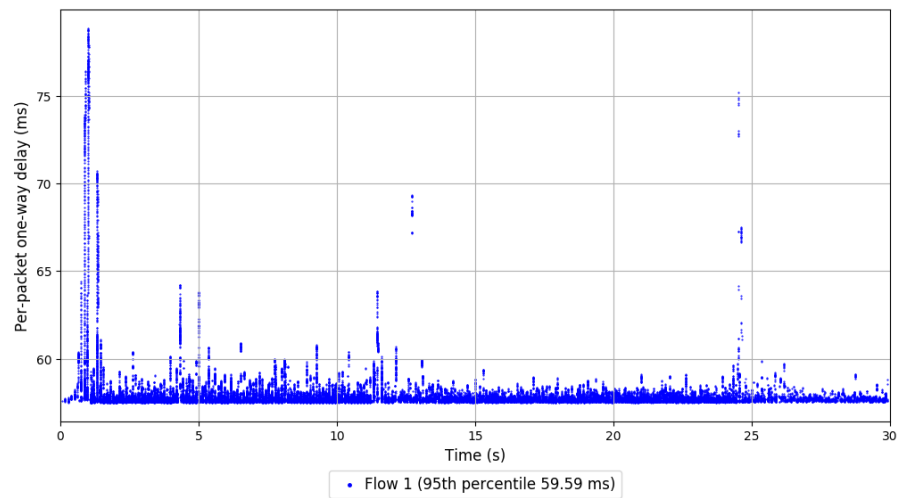
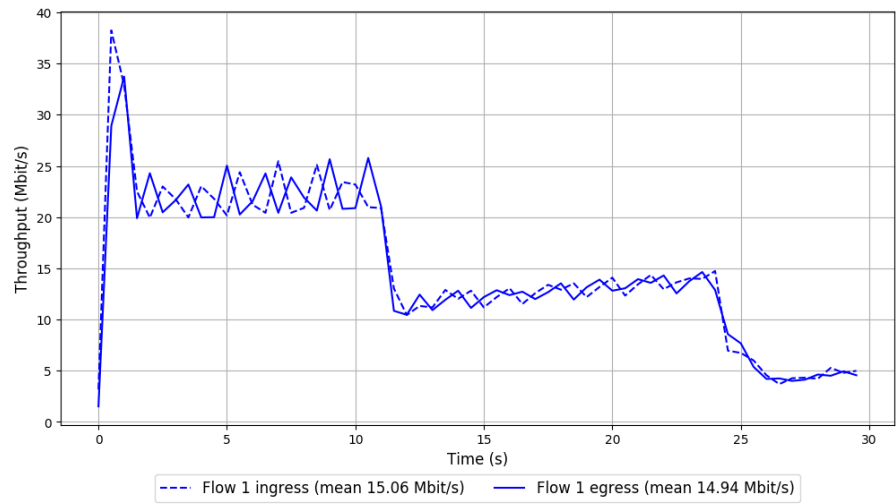
-- Flow 1:

Average throughput: 14.94 Mbit/s

95th percentile per-packet one-way delay: 59.595 ms

Loss rate: 1.14%

## Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:03:38 +0000

End at: Tue, 25 Jul 2017 01:04:08 +0000

Local clock offset: 0.494 ms

Remote clock offset: 0.527 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 22.11 Mbit/s

95th percentile per-packet one-way delay: 59.335 ms

Loss rate: 1.07%

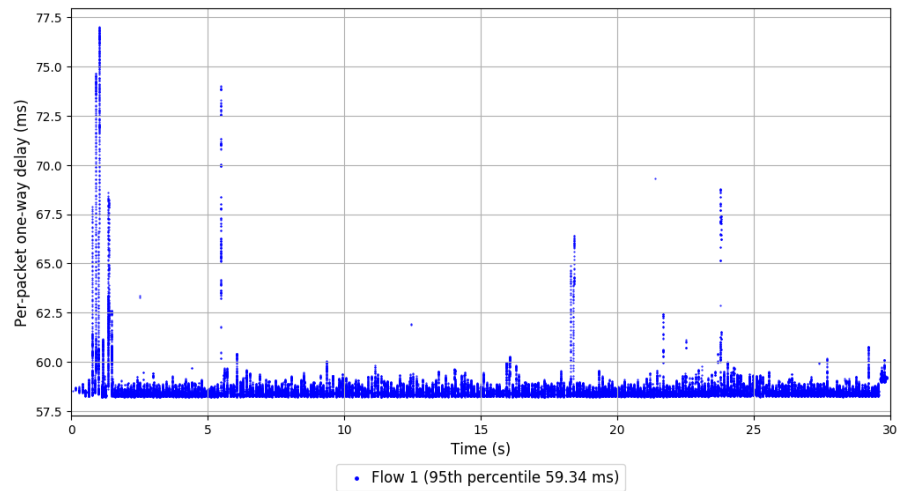
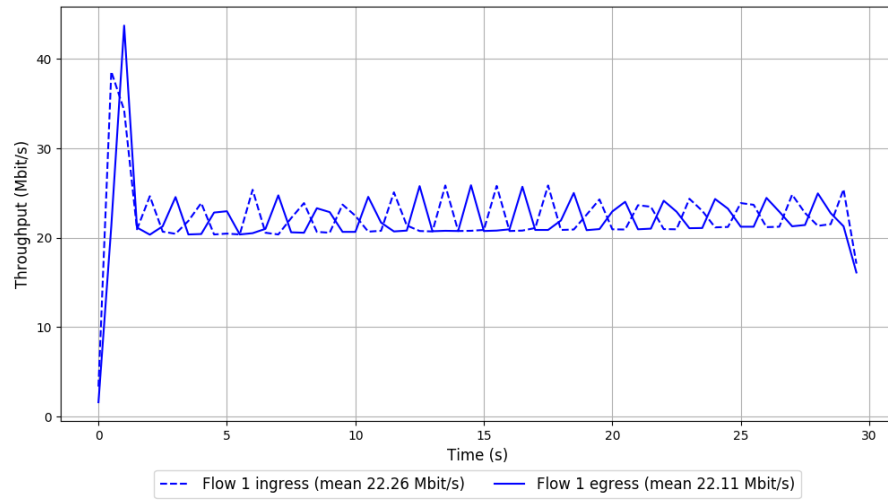
-- Flow 1:

Average throughput: 22.11 Mbit/s

95th percentile per-packet one-way delay: 59.335 ms

Loss rate: 1.07%

### Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:21:31 +0000

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

Local clock offset: 0.466 ms

Remote clock offset: 0.716 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.09 Mbit/s

95th percentile per-packet one-way delay: 59.188 ms

Loss rate: 0.70%

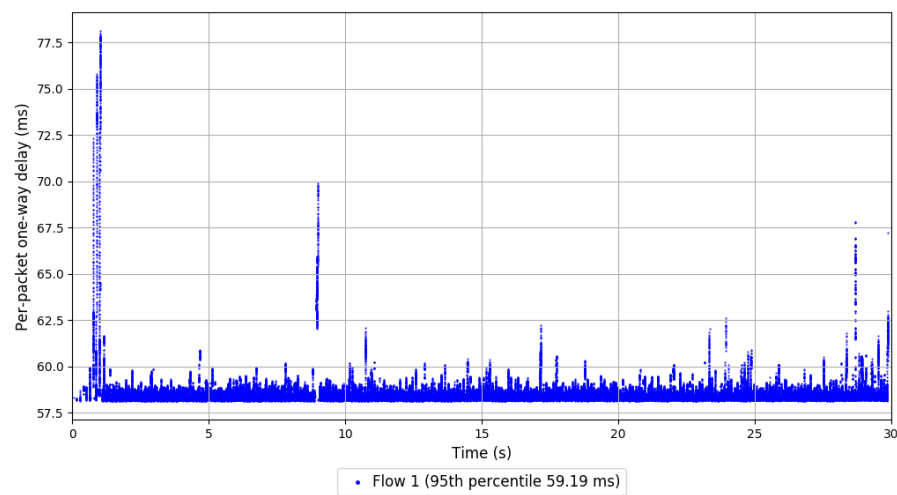
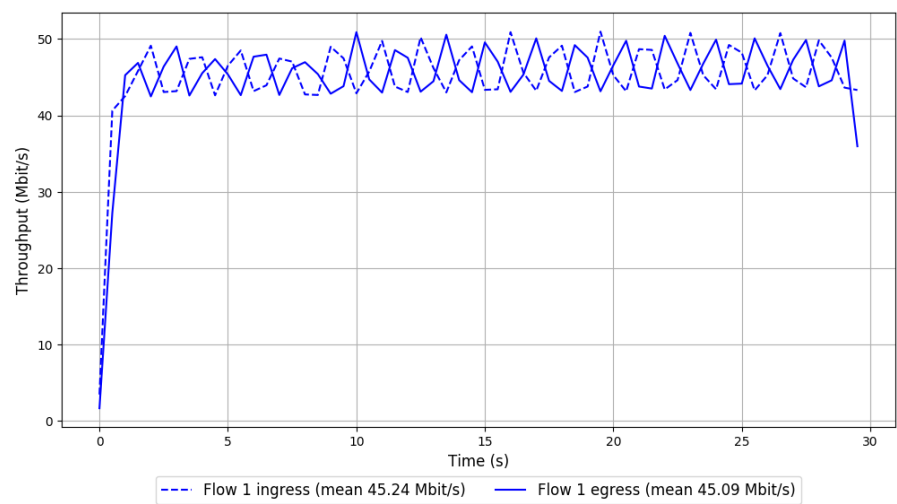
-- Flow 1:

Average throughput: 45.09 Mbit/s

95th percentile per-packet one-way delay: 59.188 ms

Loss rate: 0.70%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

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

End at: Tue, 25 Jul 2017 01:39:55 +0000

Local clock offset: 0.463 ms

Remote clock offset: 1.262 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 23.81 Mbit/s

95th percentile per-packet one-way delay: 58.735 ms

Loss rate: 1.07%

-- Flow 1:

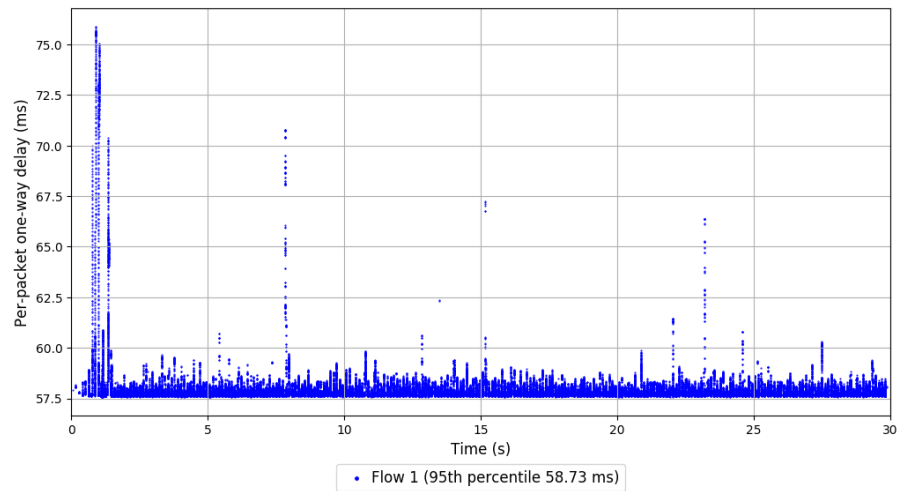
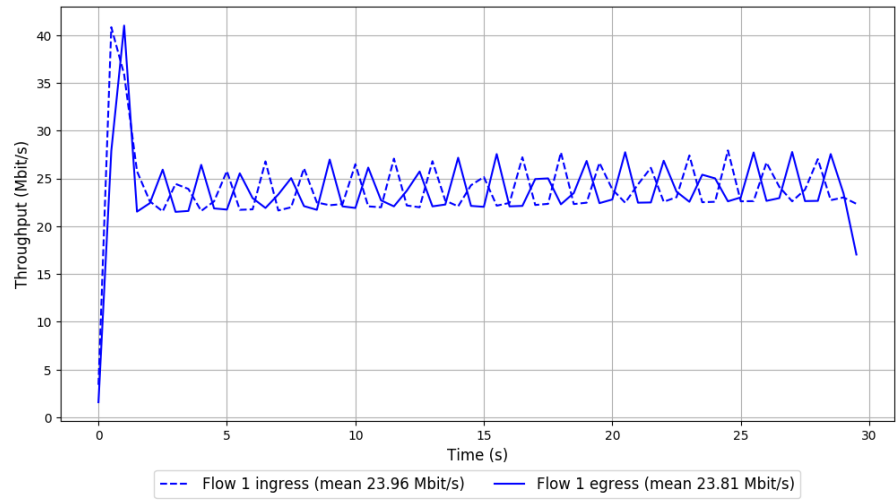
Average throughput: 23.81 Mbit/s

95th percentile per-packet one-way delay: 58.735 ms

Loss rate: 1.07%



### Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:57:04 +0000

End at: Tue, 25 Jul 2017 01:57:34 +0000

Local clock offset: 0.456 ms

Remote clock offset: 1.434 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.71 Mbit/s

95th percentile per-packet one-way delay: 58.998 ms

Loss rate: 0.72%

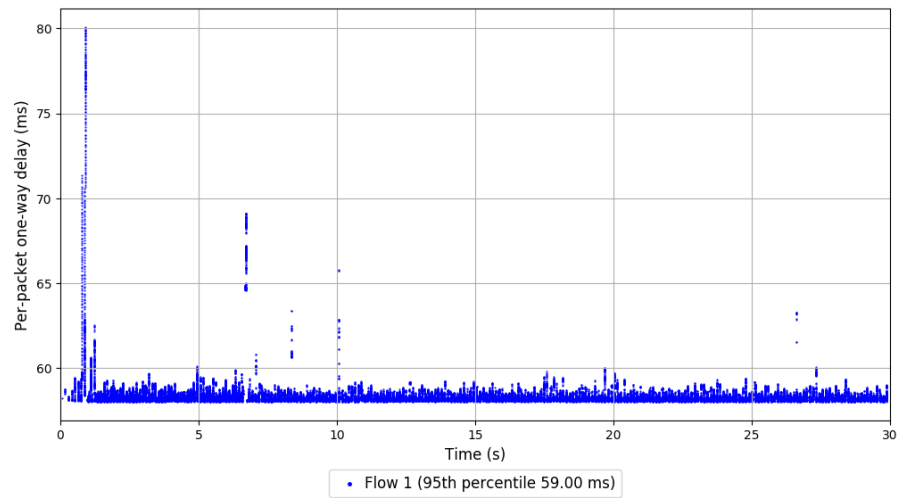
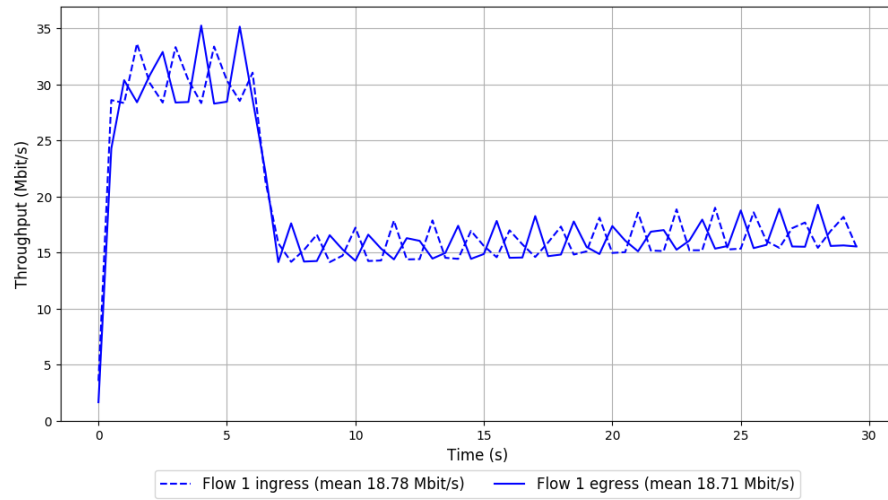
-- Flow 1:

Average throughput: 18.71 Mbit/s

95th percentile per-packet one-way delay: 58.998 ms

Loss rate: 0.72%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:18:26 +0000

End at: Mon, 24 Jul 2017 23:18:56 +0000

Local clock offset: 0.476 ms

Remote clock offset: 1.722 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.49 Mbit/s

95th percentile per-packet one-way delay: 85.825 ms

Loss rate: 76.59%

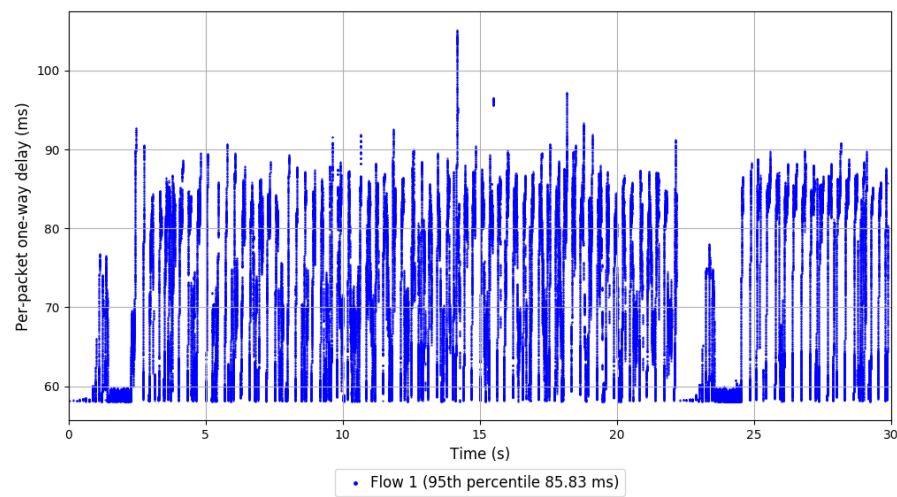
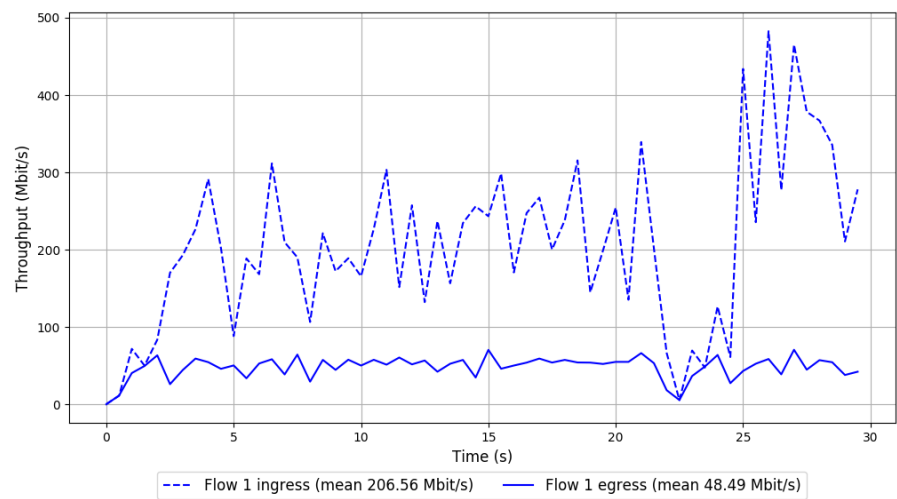
-- Flow 1:

Average throughput: 48.49 Mbit/s

95th percentile per-packet one-way delay: 85.825 ms

Loss rate: 76.59%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:36:20 +0000

End at: Mon, 24 Jul 2017 23:36:50 +0000

Local clock offset: 0.558 ms

Remote clock offset: 0.914 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.04 Mbit/s

95th percentile per-packet one-way delay: 86.240 ms

Loss rate: 79.58%

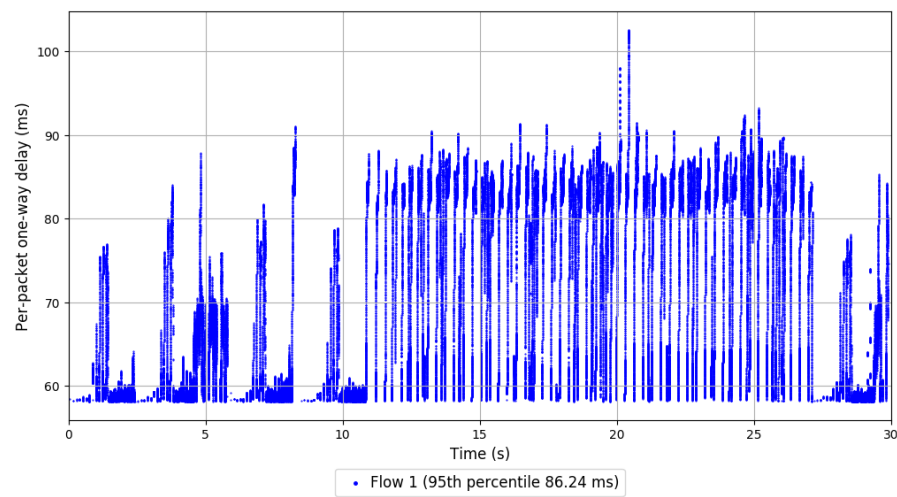
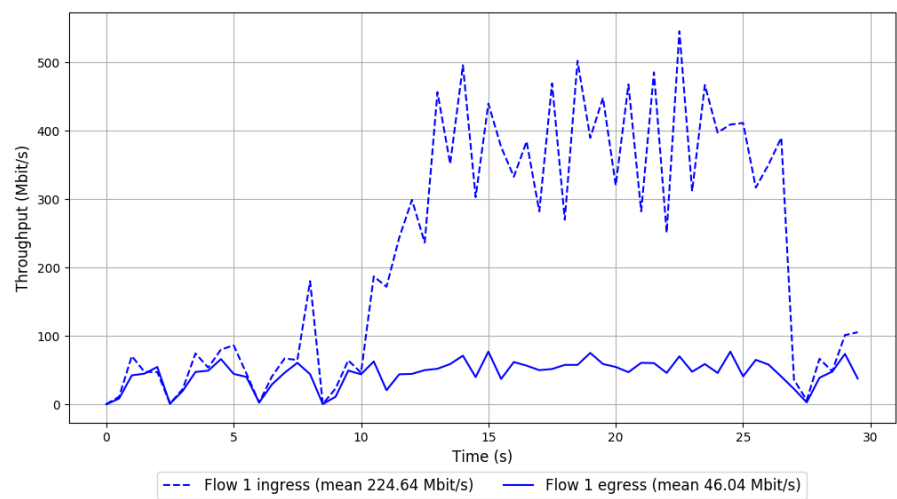
-- Flow 1:

Average throughput: 46.04 Mbit/s

95th percentile per-packet one-way delay: 86.240 ms

Loss rate: 79.58%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:54:08 +0000

End at: Mon, 24 Jul 2017 23:54:38 +0000

Local clock offset: 0.585 ms

Remote clock offset: 0.271 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.60 Mbit/s

95th percentile per-packet one-way delay: 86.260 ms

Loss rate: 81.65%

-- Flow 1:

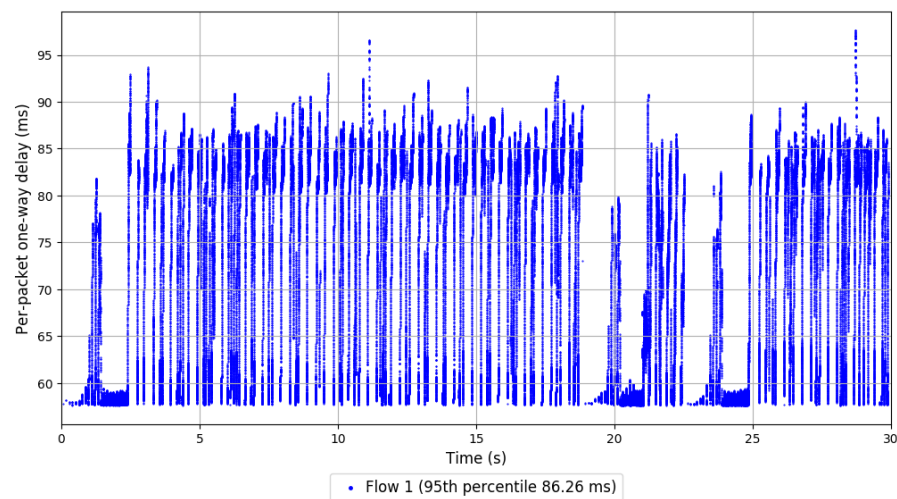
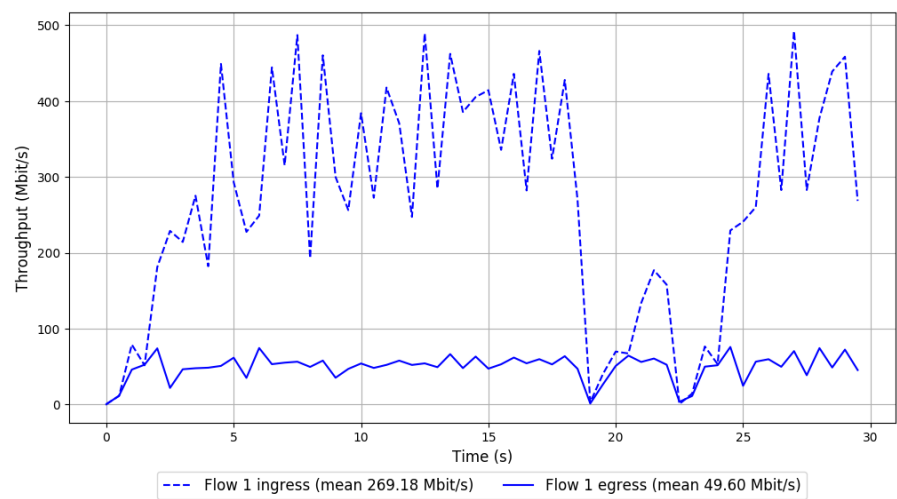
Average throughput: 49.60 Mbit/s

95th percentile per-packet one-way delay: 86.260 ms

Loss rate: 81.65%



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:12:10 +0000

End at: Tue, 25 Jul 2017 00:12:40 +0000

Local clock offset: 0.53 ms

Remote clock offset: -0.203 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 86.982 ms

Loss rate: 81.13%

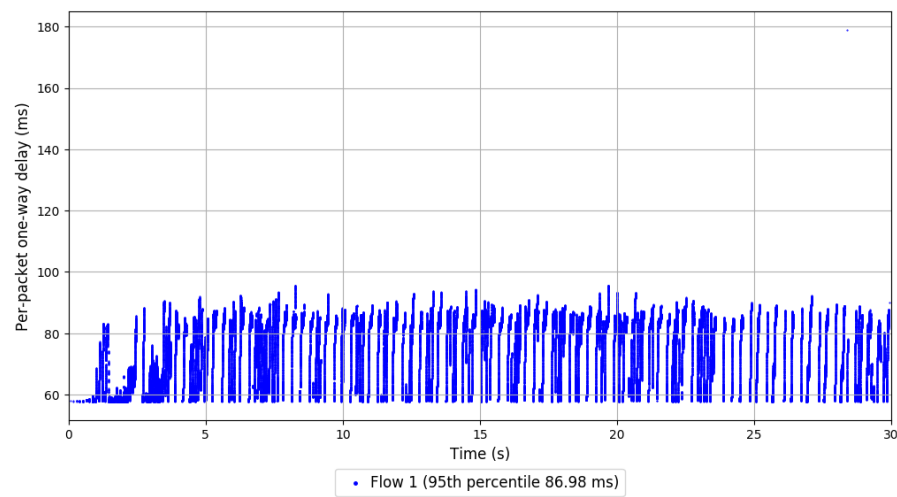
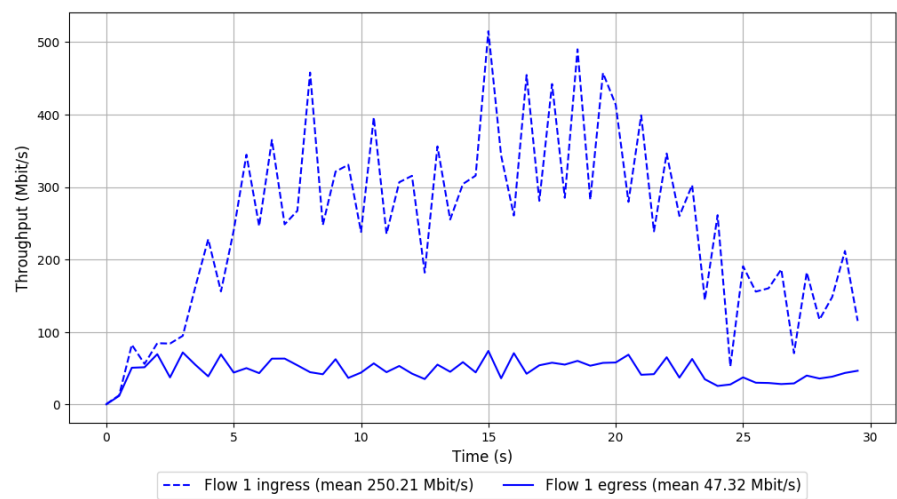
-- Flow 1:

Average throughput: 47.32 Mbit/s

95th percentile per-packet one-way delay: 86.982 ms

Loss rate: 81.13%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:30:04 +0000

End at: Tue, 25 Jul 2017 00:30:34 +0000

Local clock offset: 0.594 ms

Remote clock offset: -0.308 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.19 Mbit/s

95th percentile per-packet one-way delay: 82.509 ms

Loss rate: 46.10%

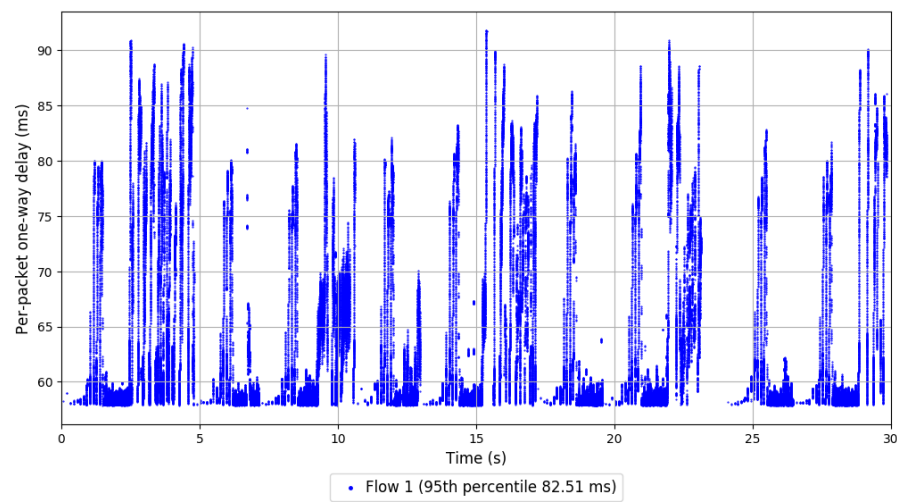
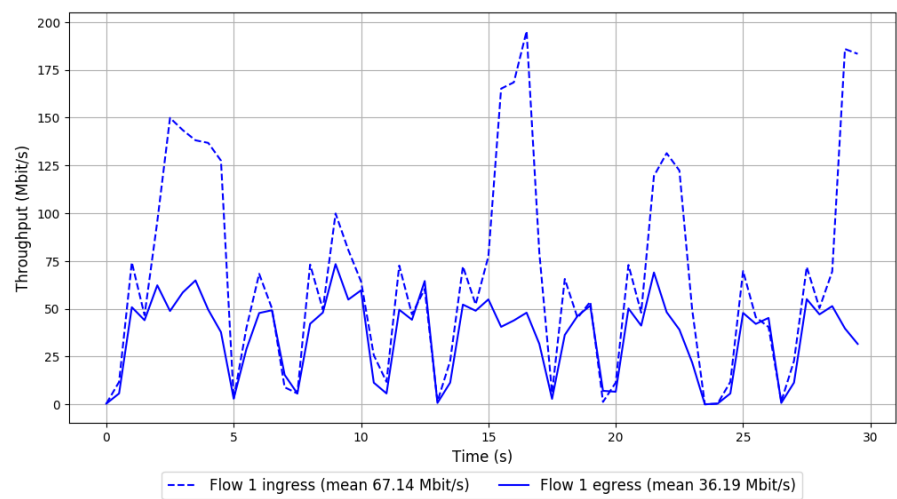
-- Flow 1:

Average throughput: 36.19 Mbit/s

95th percentile per-packet one-way delay: 82.509 ms

Loss rate: 46.10%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:47:54 +0000

End at: Tue, 25 Jul 2017 00:48:24 +0000

Local clock offset: 0.799 ms

Remote clock offset: 0.197 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.04 Mbit/s

95th percentile per-packet one-way delay: 86.756 ms

Loss rate: 80.65%

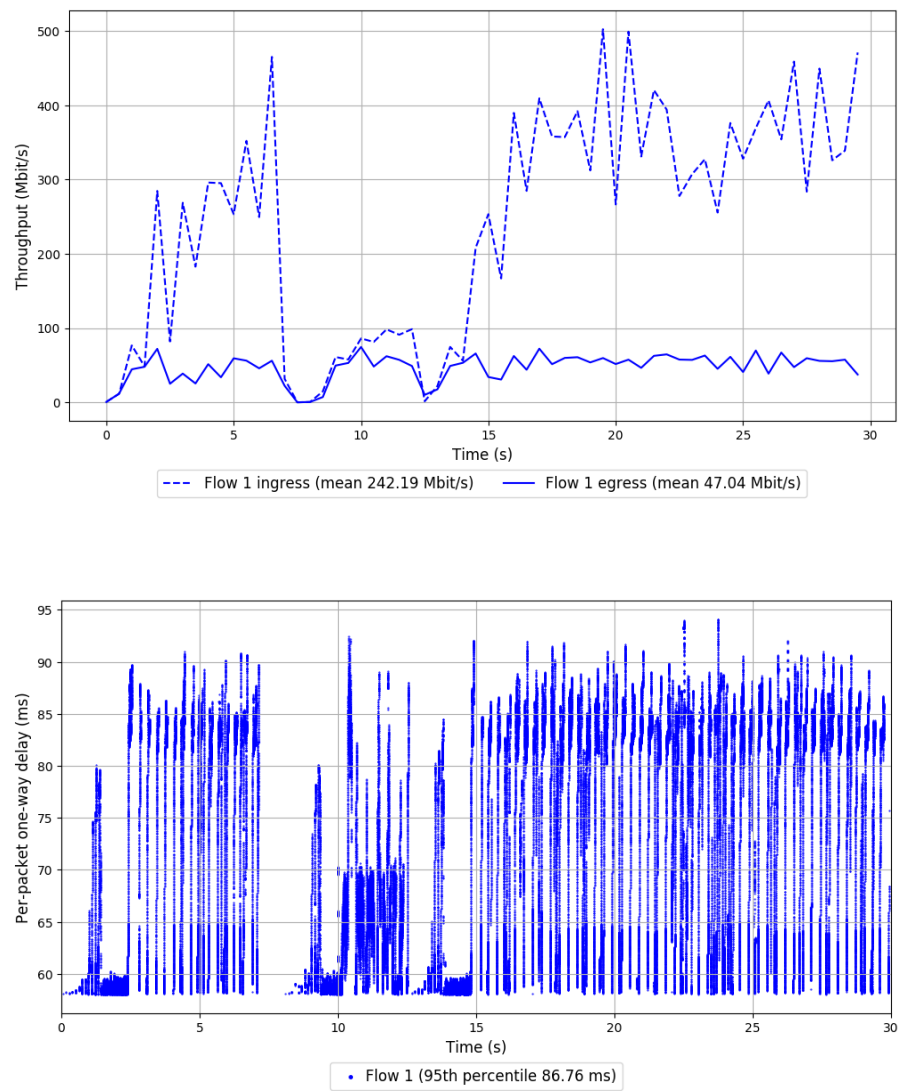
-- Flow 1:

Average throughput: 47.04 Mbit/s

95th percentile per-packet one-way delay: 86.756 ms

Loss rate: 80.65%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:05:56 +0000

End at: Tue, 25 Jul 2017 01:06:26 +0000

Local clock offset: 0.531 ms

Remote clock offset: 0.667 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.17 Mbit/s

95th percentile per-packet one-way delay: 86.938 ms

Loss rate: 73.27%

-- Flow 1:

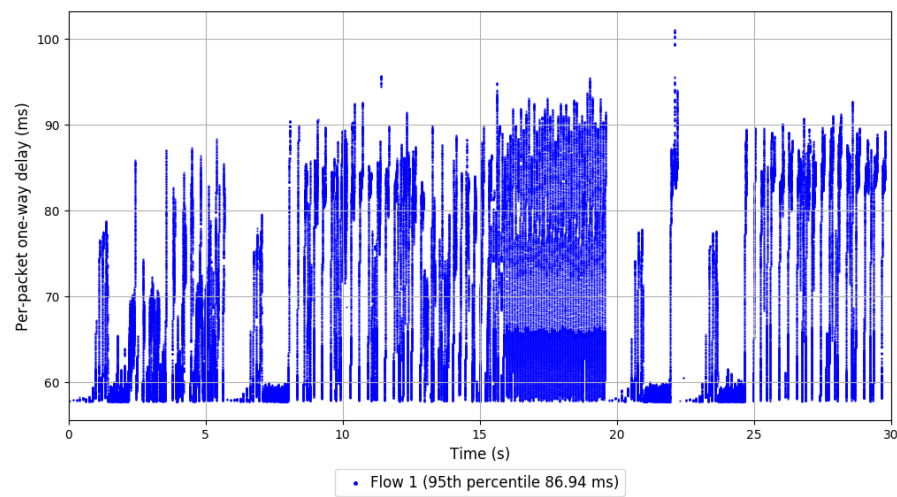
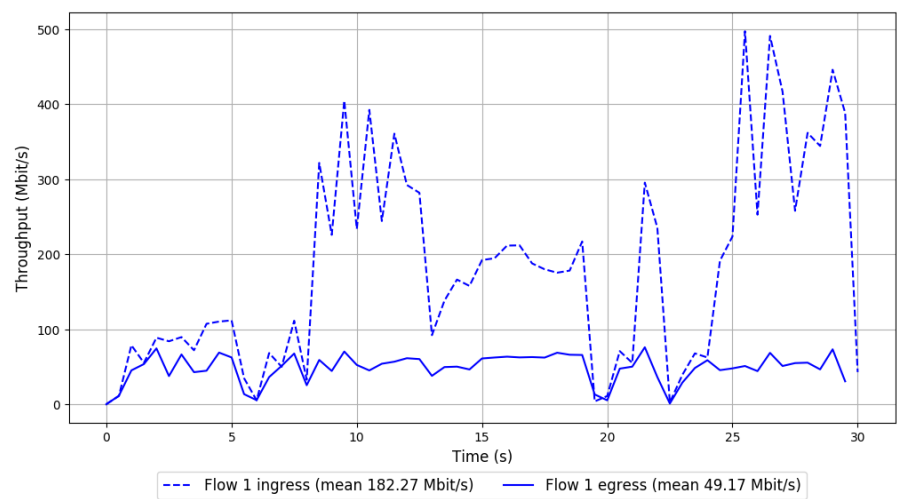
Average throughput: 49.17 Mbit/s

95th percentile per-packet one-way delay: 86.938 ms

Loss rate: 73.27%



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:23:52 +0000

End at: Tue, 25 Jul 2017 01:24:22 +0000

Local clock offset: 0.396 ms

Remote clock offset: 0.692 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.63 Mbit/s

95th percentile per-packet one-way delay: 85.291 ms

Loss rate: 77.36%

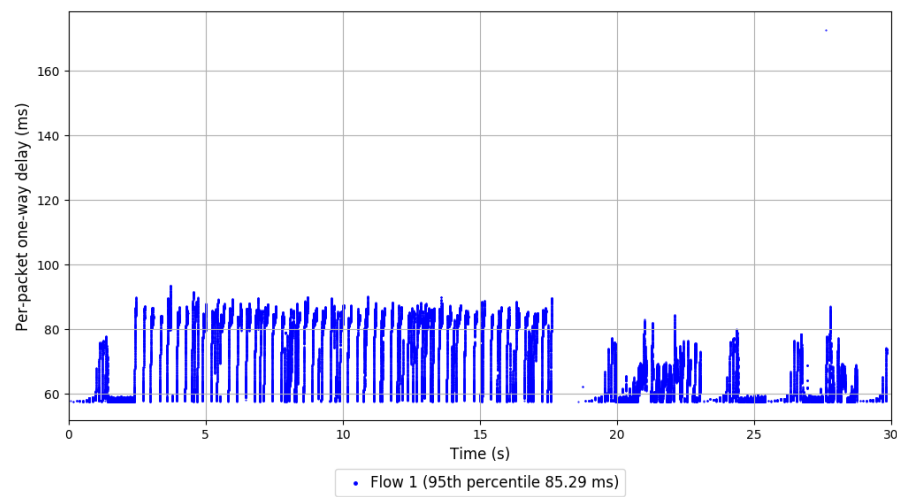
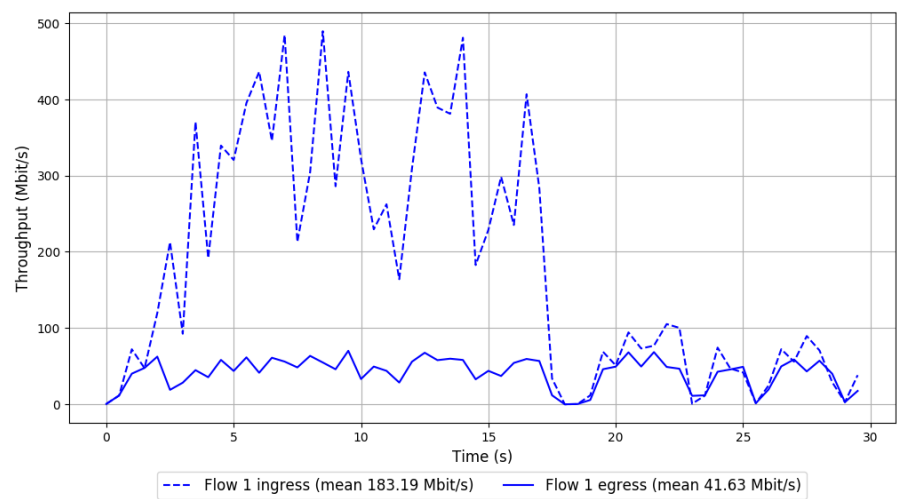
-- Flow 1:

Average throughput: 41.63 Mbit/s

95th percentile per-packet one-way delay: 85.291 ms

Loss rate: 77.36%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

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

End at: Tue, 25 Jul 2017 01:42:14 +0000

Local clock offset: 0.449 ms

Remote clock offset: 1.328 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.07 Mbit/s

95th percentile per-packet one-way delay: 84.812 ms

Loss rate: 65.41%

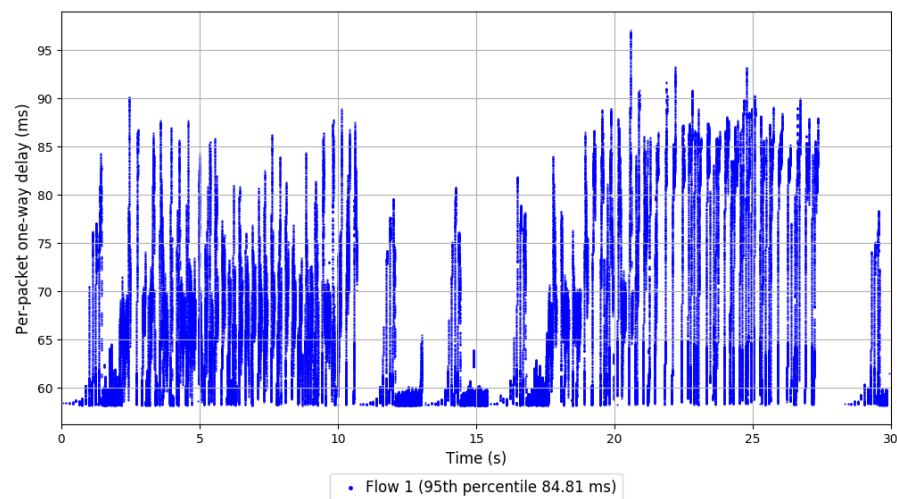
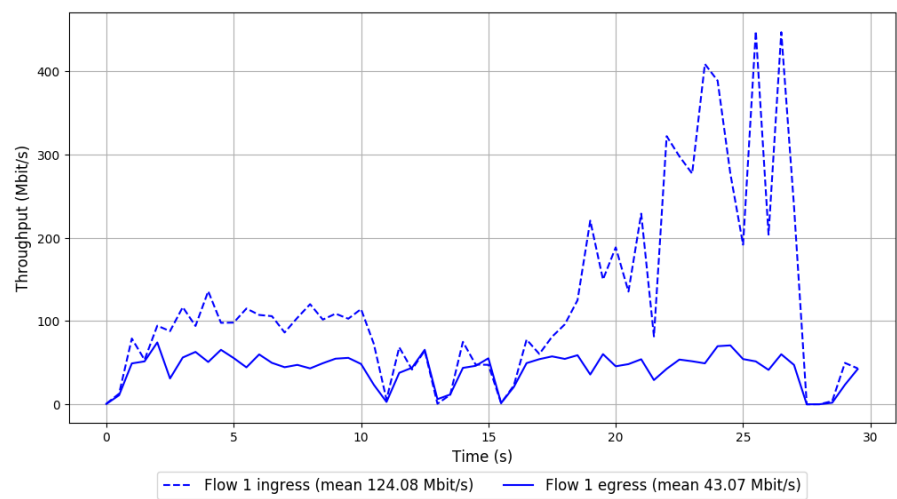
-- Flow 1:

Average throughput: 43.07 Mbit/s

95th percentile per-packet one-way delay: 84.812 ms

Loss rate: 65.41%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:59:22 +0000

End at: Tue, 25 Jul 2017 01:59:52 +0000

Local clock offset: 0.444 ms

Remote clock offset: 1.263 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.08 Mbit/s

95th percentile per-packet one-way delay: 82.605 ms

Loss rate: 50.29%

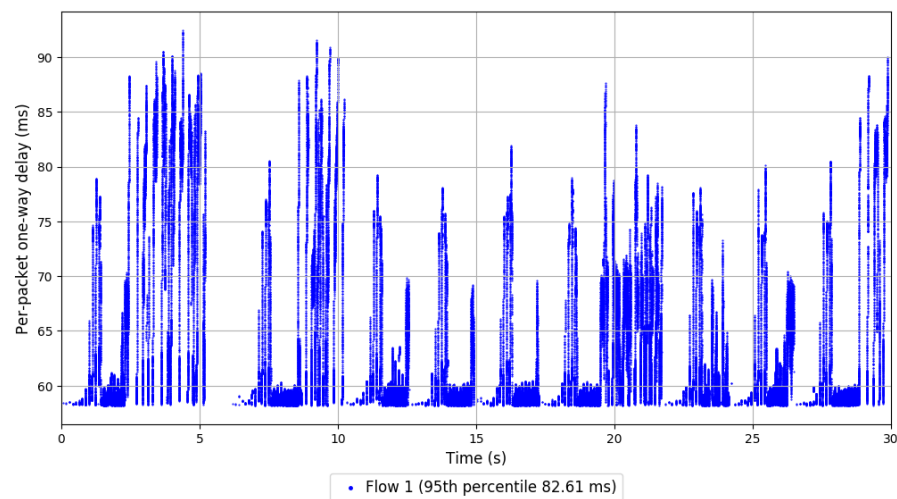
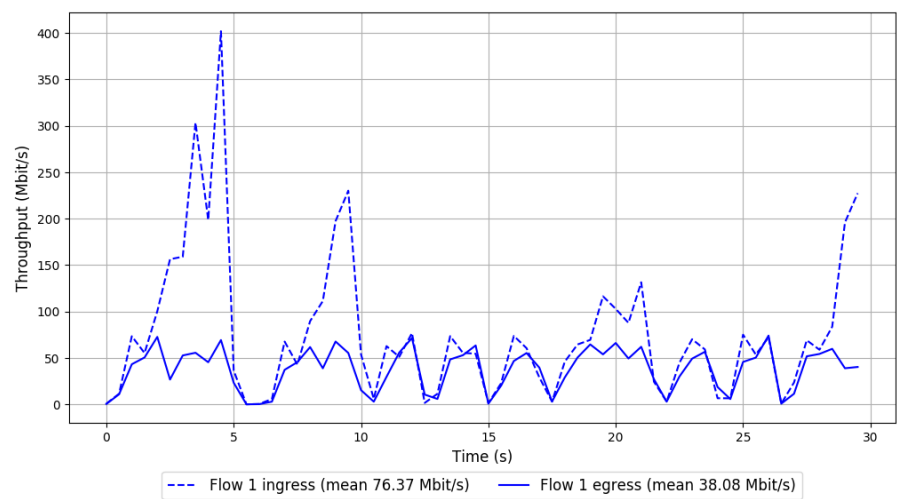
-- Flow 1:

Average throughput: 38.08 Mbit/s

95th percentile per-packet one-way delay: 82.605 ms

Loss rate: 50.29%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:13:50 +0000

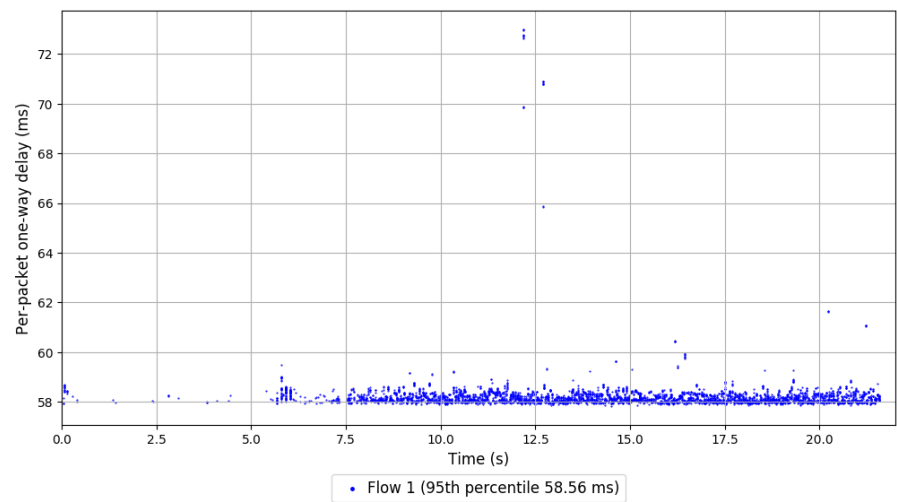
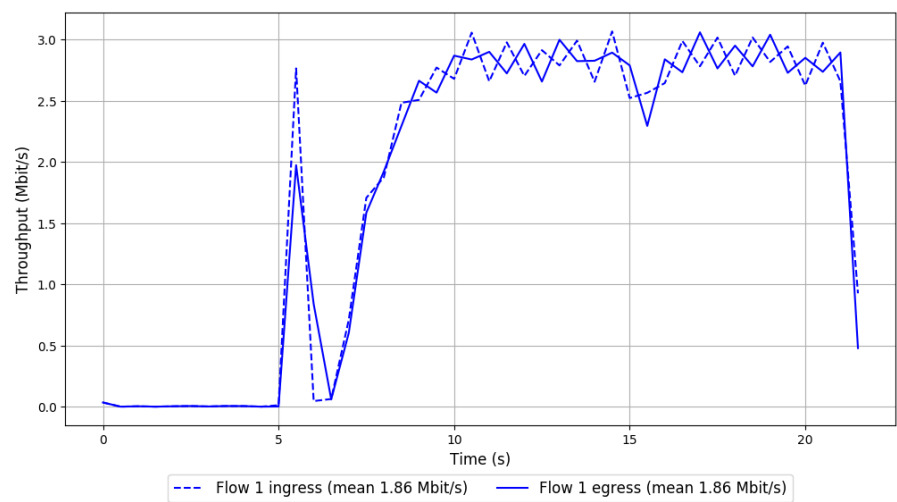
End at: Mon, 24 Jul 2017 23:14:20 +0000

Local clock offset: 0.465 ms

Remote clock offset: 2.038 ms



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:31:42 +0000

End at: Mon, 24 Jul 2017 23:32:12 +0000

Local clock offset: 0.531 ms

Remote clock offset: 1.61 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.33 Mbit/s

95th percentile per-packet one-way delay: 58.558 ms

Loss rate: 0.45%

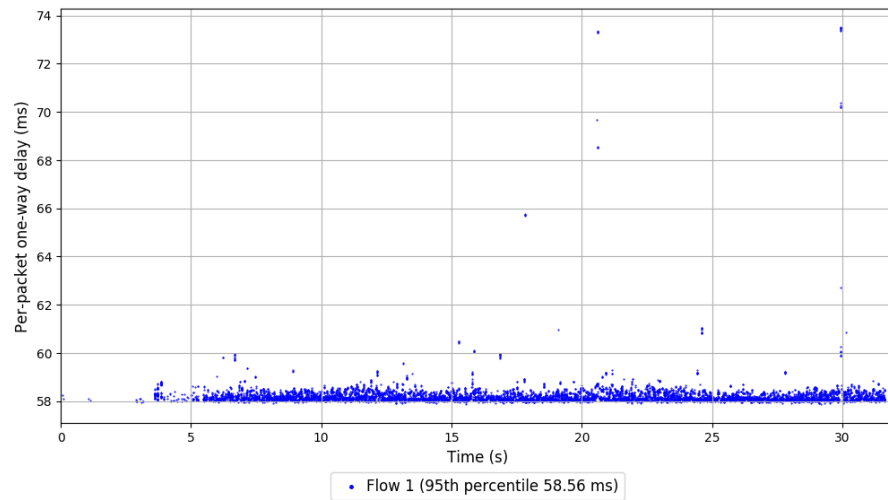
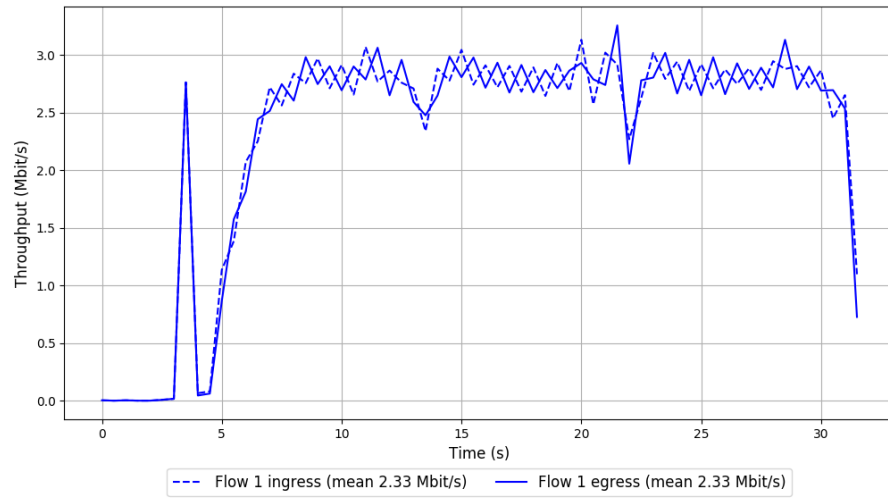
-- Flow 1:

Average throughput: 2.33 Mbit/s

95th percentile per-packet one-way delay: 58.558 ms

Loss rate: 0.45%

## Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

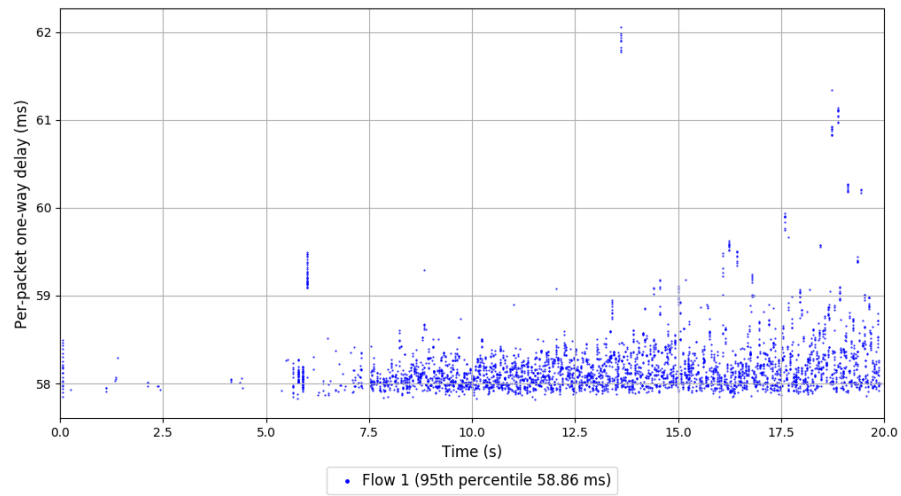
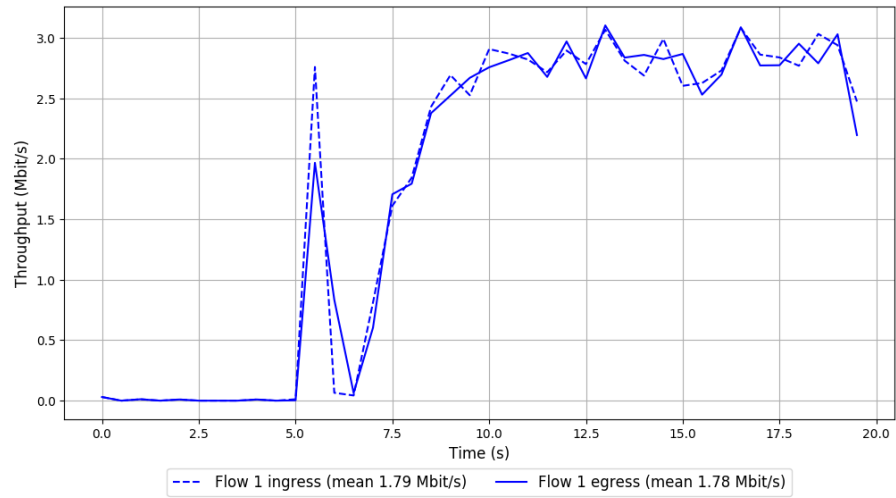
Start at: Mon, 24 Jul 2017 23:49:30 +0000

End at: Mon, 24 Jul 2017 23:50:00 +0000

Local clock offset: 0.504 ms

Remote clock offset: 0.192 ms

### Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

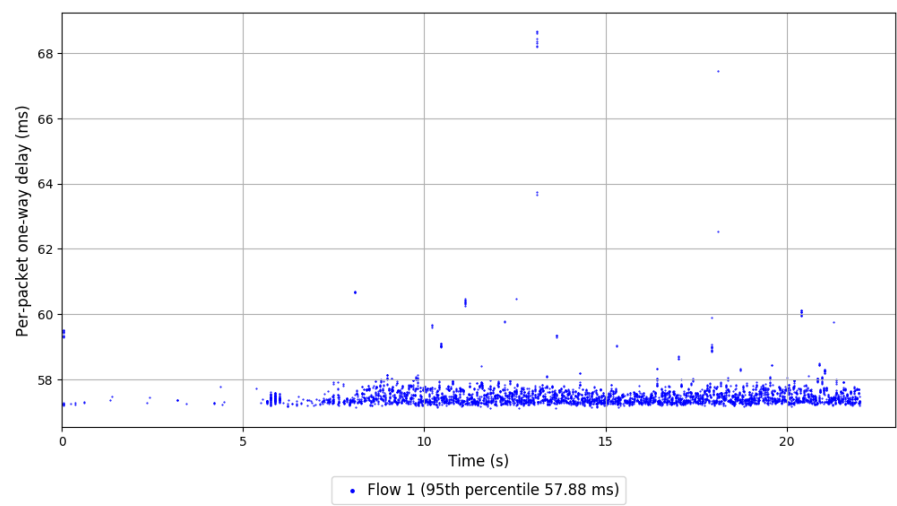
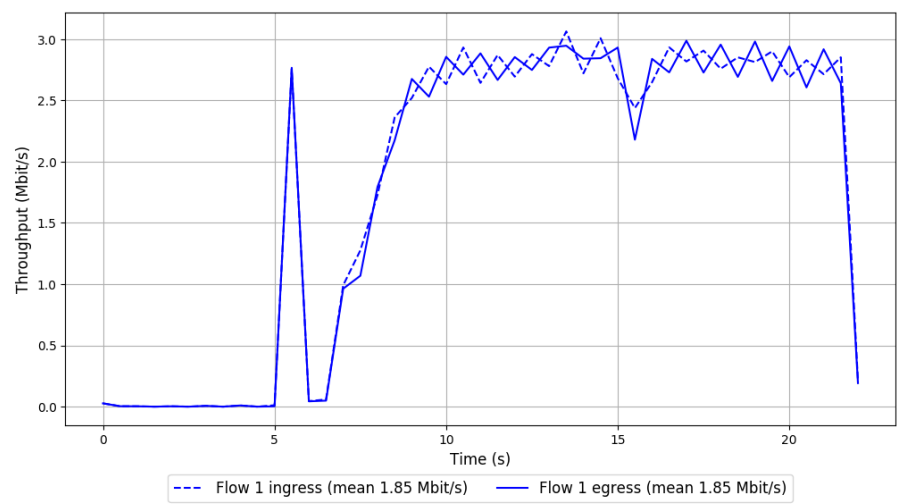
Start at: Tue, 25 Jul 2017 00:07:34 +0000

End at: Tue, 25 Jul 2017 00:08:04 +0000

Local clock offset: 0.606 ms

Remote clock offset: -0.2 ms

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

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

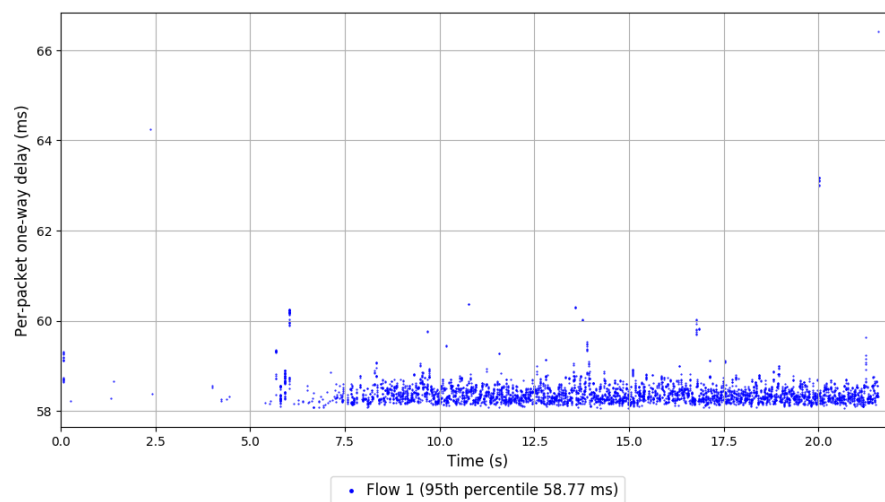
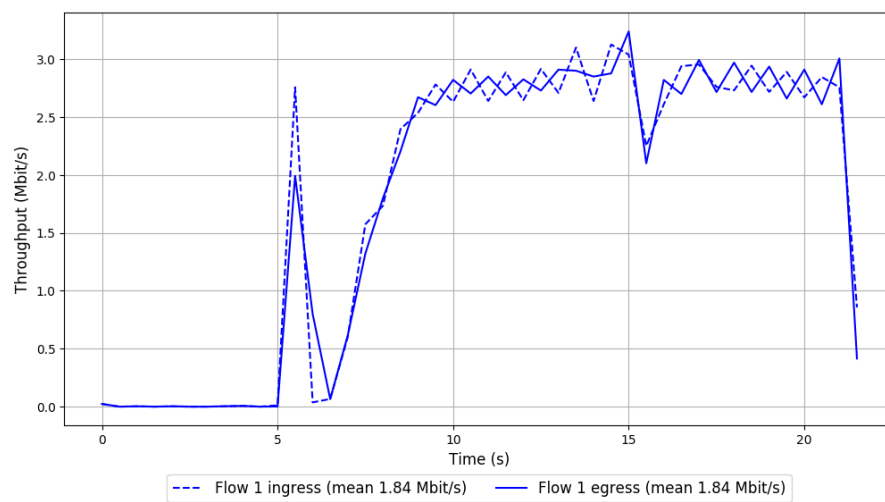
End at: Tue, 25 Jul 2017 00:25:56 +0000

Local clock offset: 0.588 ms

Remote clock offset: -0.476 ms



## Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:43:18 +0000

End at: Tue, 25 Jul 2017 00:43:48 +0000

Local clock offset: 0.56 ms

Remote clock offset: -0.028 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.33 Mbit/s

95th percentile per-packet one-way delay: 58.526 ms

Loss rate: 0.45%

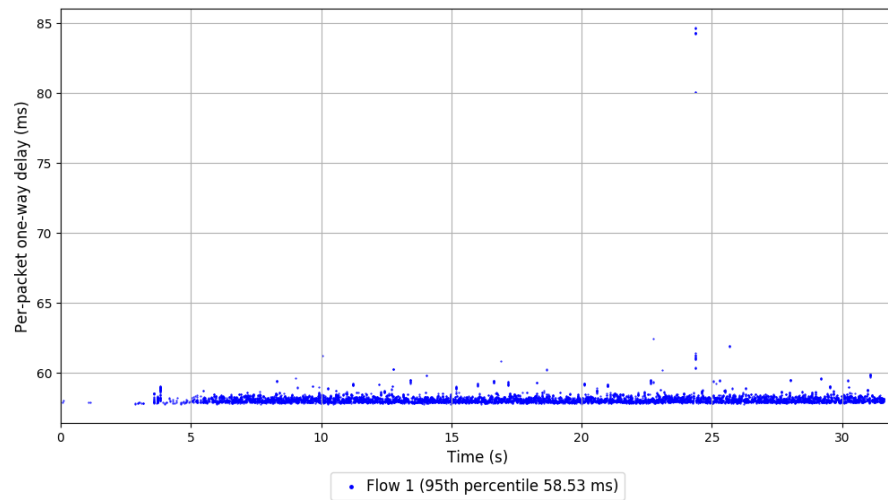
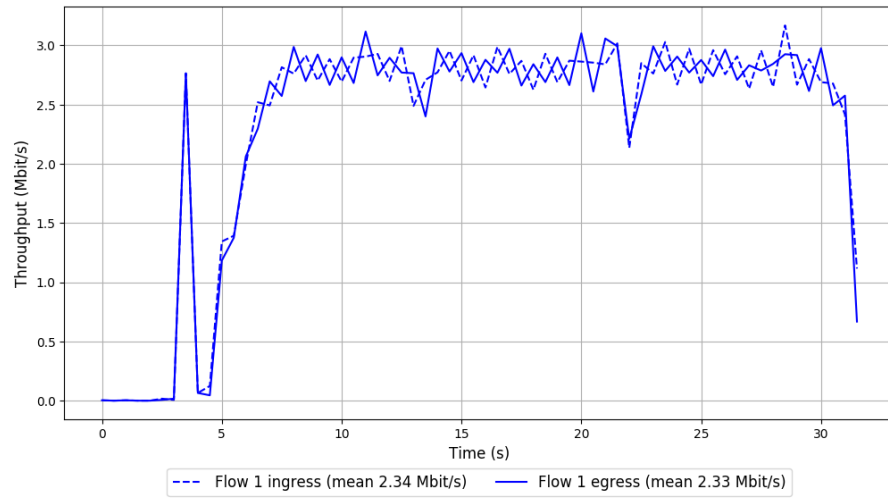
-- Flow 1:

Average throughput: 2.33 Mbit/s

95th percentile per-packet one-way delay: 58.526 ms

Loss rate: 0.45%

## Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

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

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

Local clock offset: 0.515 ms

Remote clock offset: 0.463 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.60 Mbit/s

95th percentile per-packet one-way delay: 58.457 ms

Loss rate: 0.45%

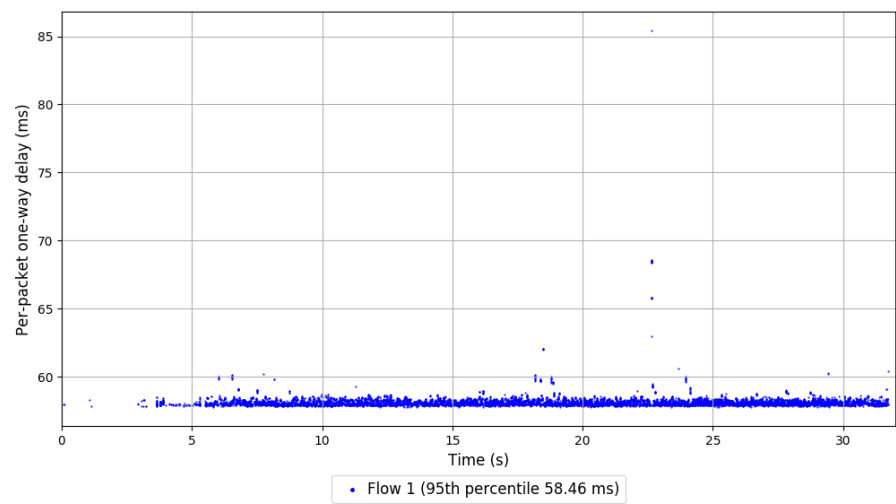
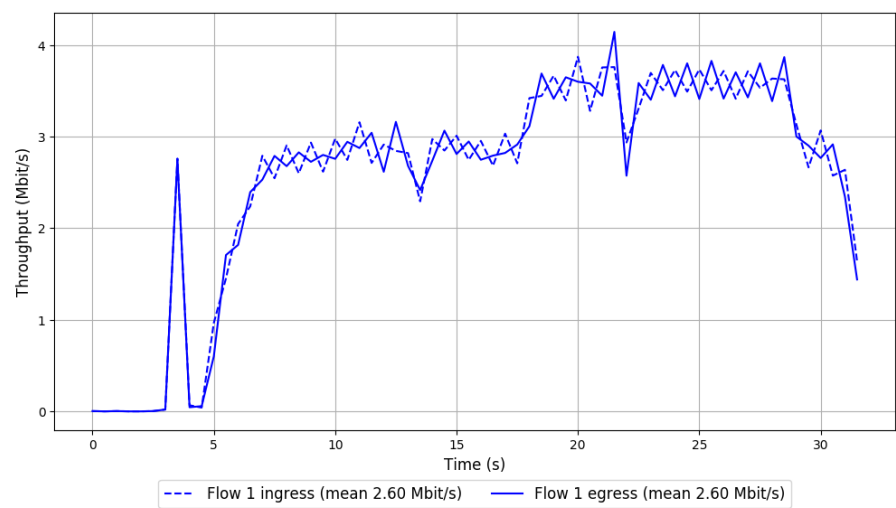
-- Flow 1:

Average throughput: 2.60 Mbit/s

95th percentile per-packet one-way delay: 58.457 ms

Loss rate: 0.45%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

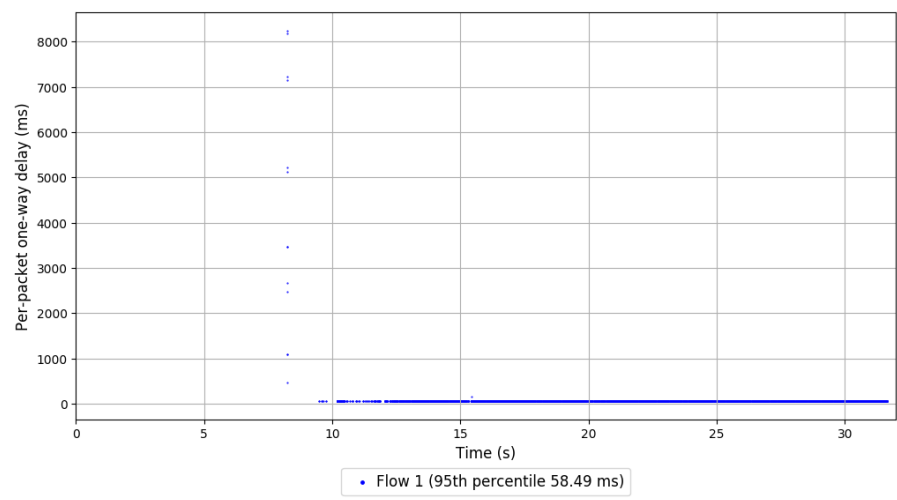
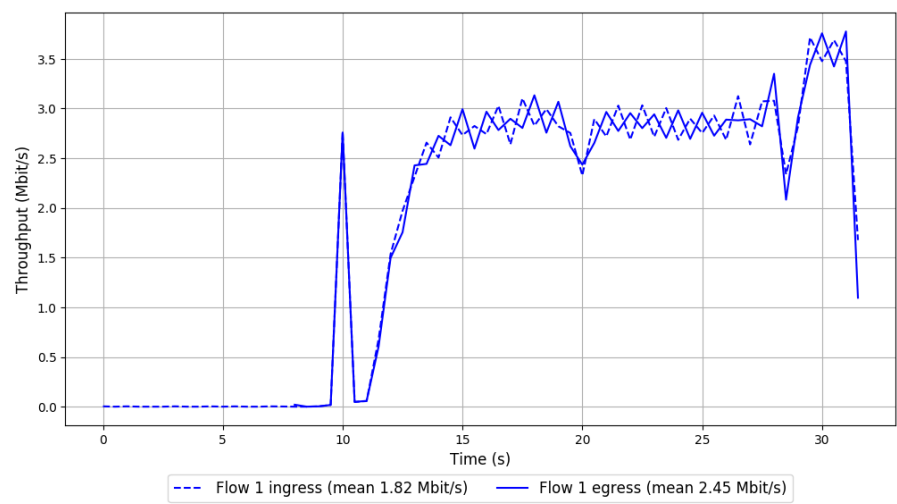
Start at: Tue, 25 Jul 2017 01:19:13 +0000

End at: Tue, 25 Jul 2017 01:19:43 +0000

Local clock offset: 0.481 ms

Remote clock offset: 0.727 ms

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:37:07 +0000

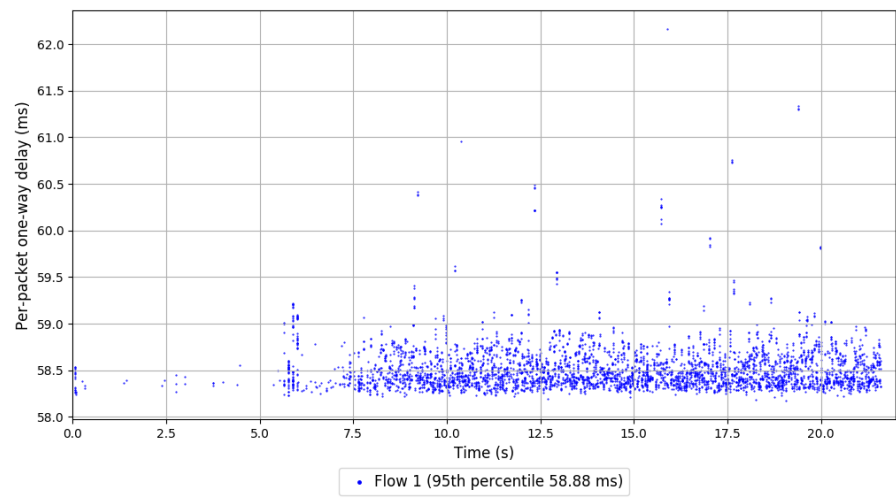
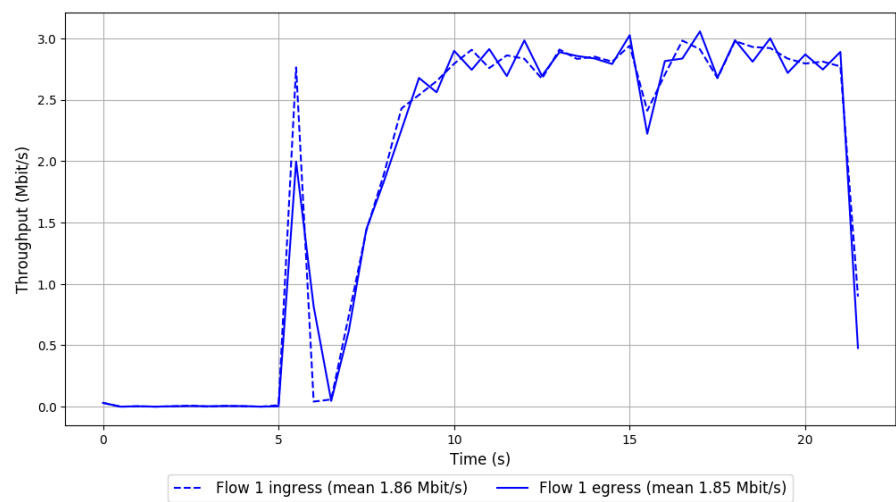
End at: Tue, 25 Jul 2017 01:37:37 +0000

Local clock offset: 0.441 ms

Remote clock offset: 1.083 ms



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:54:46 +0000

End at: Tue, 25 Jul 2017 01:55:16 +0000

Local clock offset: 0.464 ms

Remote clock offset: 1.573 ms

Run 10: Report of WebRTC media — Data Link

