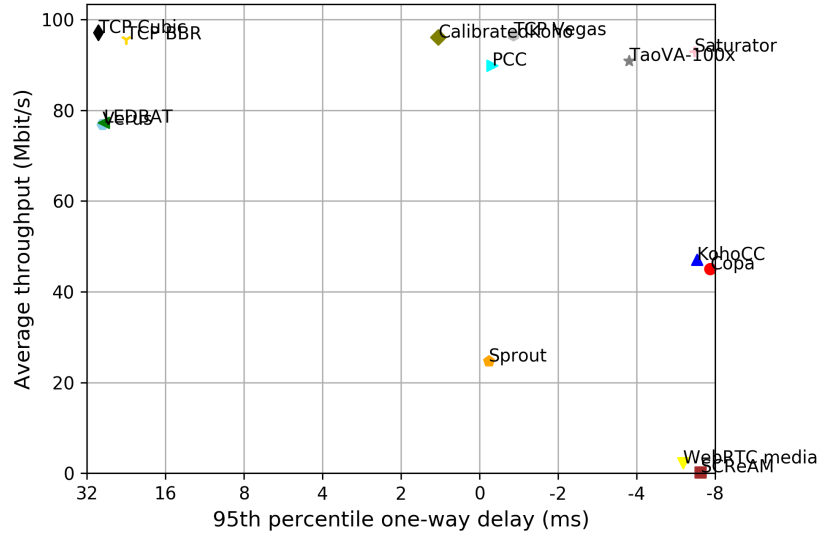


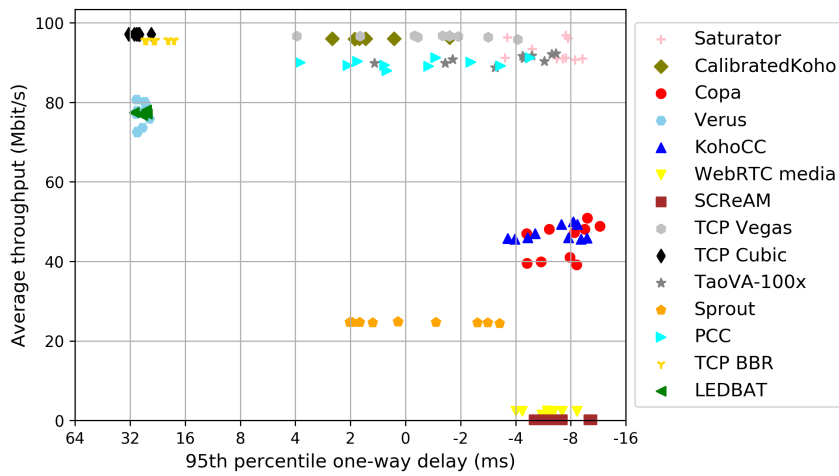
**Pantheon Summary** (Generated at Tue, 25 Jul 2017 02:38:12 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).  
NTP offset measured against nets.org.sg 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 AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS India 1 Ethernet to India 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	95.62	22.65	0.57
CalibratedKoho	10	96.04	1.05	0.00
Copa	10	44.98	-7.66	0.00
TCP Cubic	10	97.13	28.96	0.22
KohoCC	10	47.05	-6.80	0.00
LEDBAT	10	77.29	27.54	0.08
PCC	10	89.83	-0.33	0.27
QUIC Cubic	10	nan	nan	nan
Saturator	10	92.89	-6.65	0.00
SCReAM	10	0.21	-7.02	0.00
Sprout	10	24.68	-0.23	0.00
TaoVA-100x	10	90.85	-3.75	0.00
TCP Vegas	10	96.55	-0.86	0.16
Verus	10	76.88	27.92	20.07
WebRTC media	10	2.28	-6.03	0.00

Run 1: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 20:11:57 +0000

End at: Mon, 24 Jul 2017 20:12:27 +0000

Local clock offset: 1.009 ms

Remote clock offset: -24.493 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 19.581 ms

Loss rate: 0.36%

-- Flow 1:

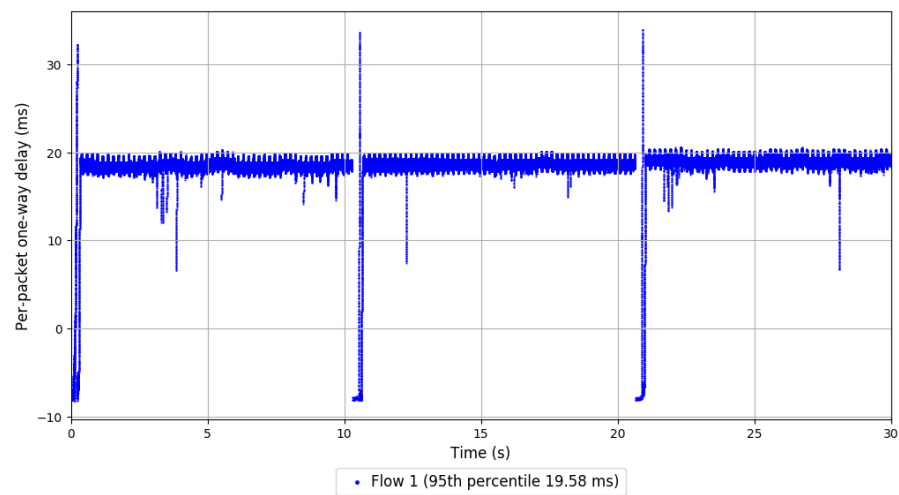
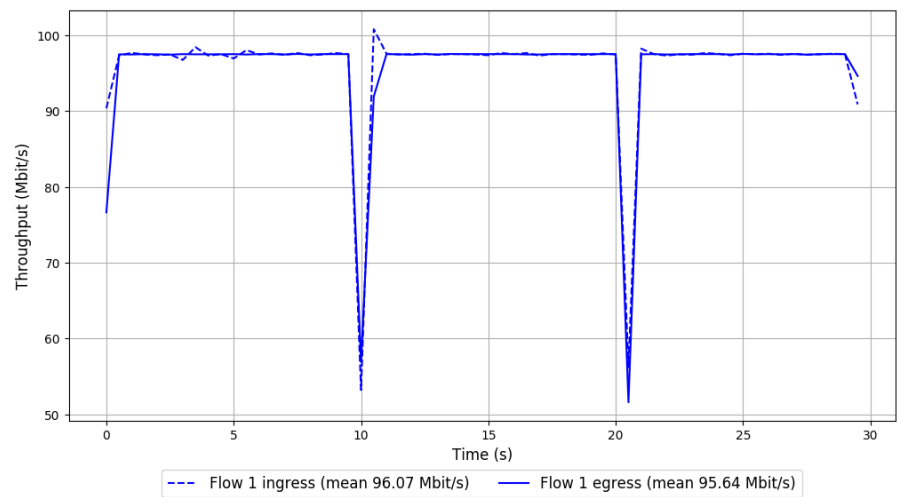
Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 19.581 ms

Loss rate: 0.36%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 20:29:58 +0000

End at: Mon, 24 Jul 2017 20:30:28 +0000

Local clock offset: 4.453 ms

Remote clock offset: -24.033 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 18.304 ms

Loss rate: 0.45%

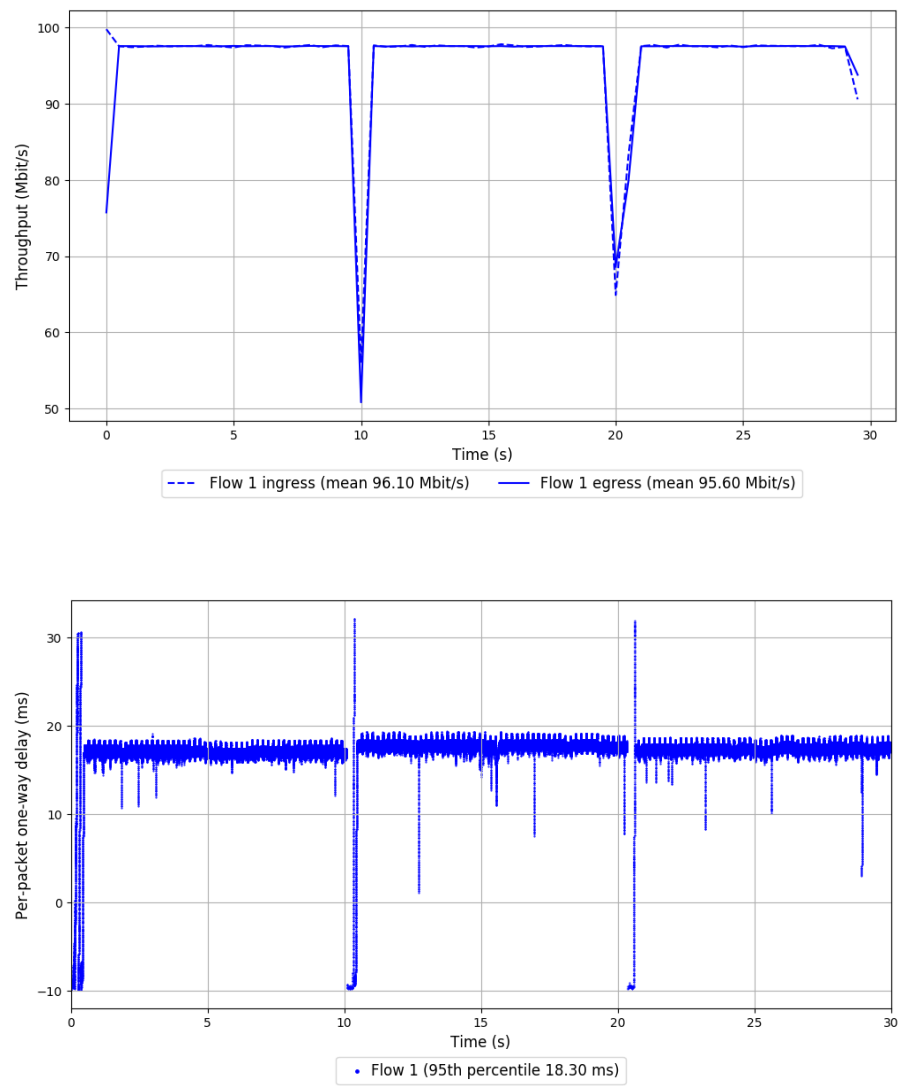
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 18.304 ms

Loss rate: 0.45%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 20:47:51 +0000

End at: Mon, 24 Jul 2017 20:48:21 +0000

Local clock offset: -1.318 ms

Remote clock offset: -25.371 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 23.710 ms

Loss rate: 0.55%

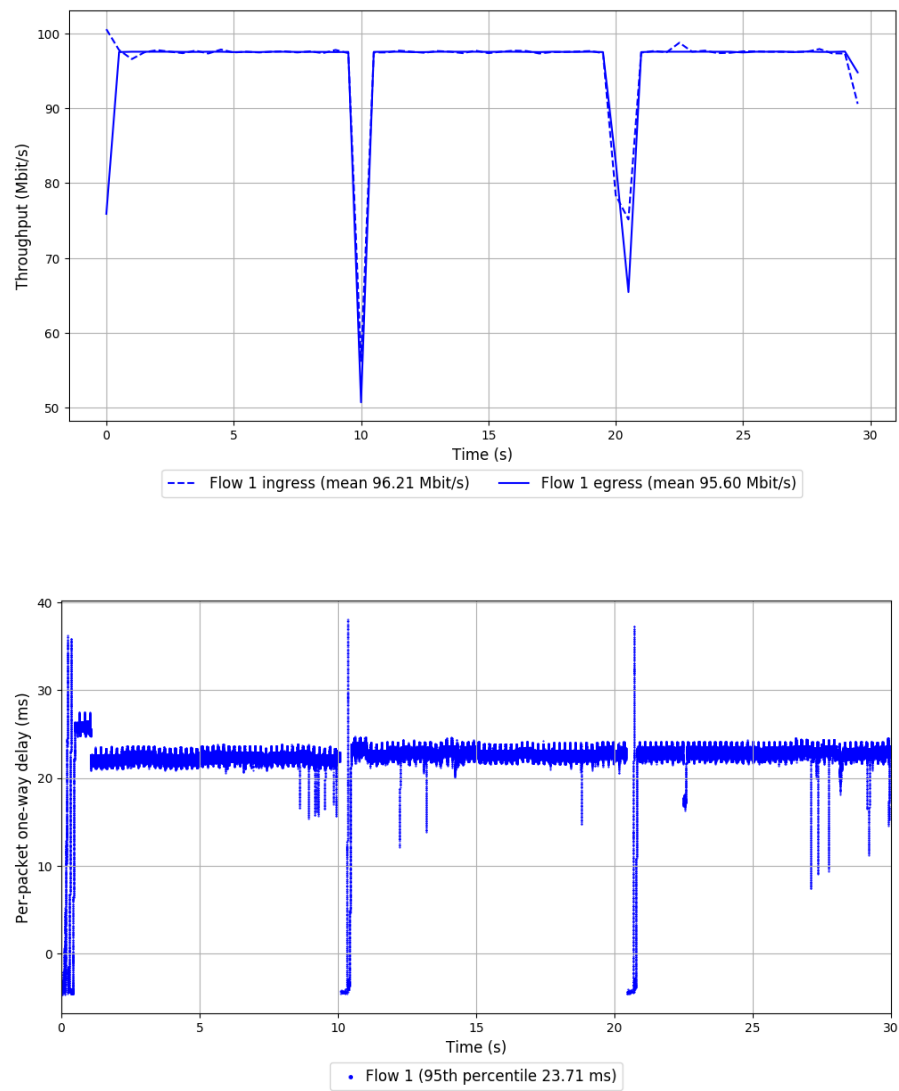
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 23.710 ms

Loss rate: 0.55%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 21:05:28 +0000

End at: Mon, 24 Jul 2017 21:05:58 +0000

Local clock offset: 4.135 ms

Remote clock offset: -25.242 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 20.073 ms

Loss rate: 0.56%

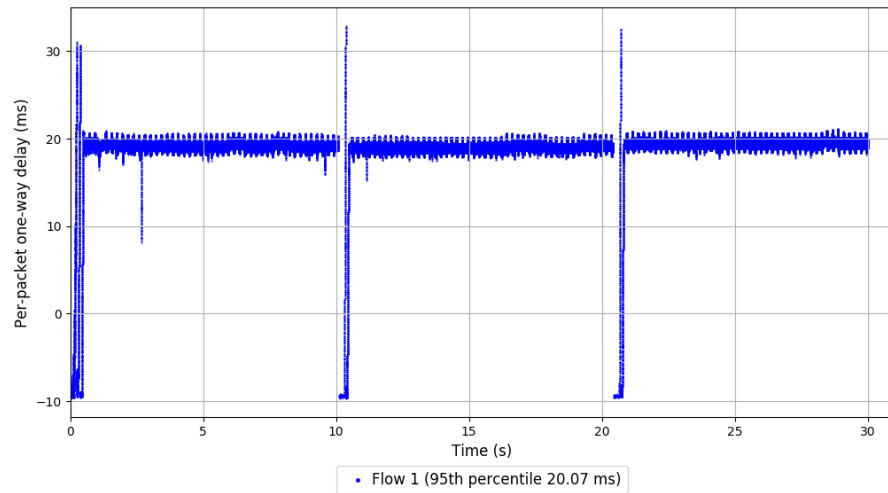
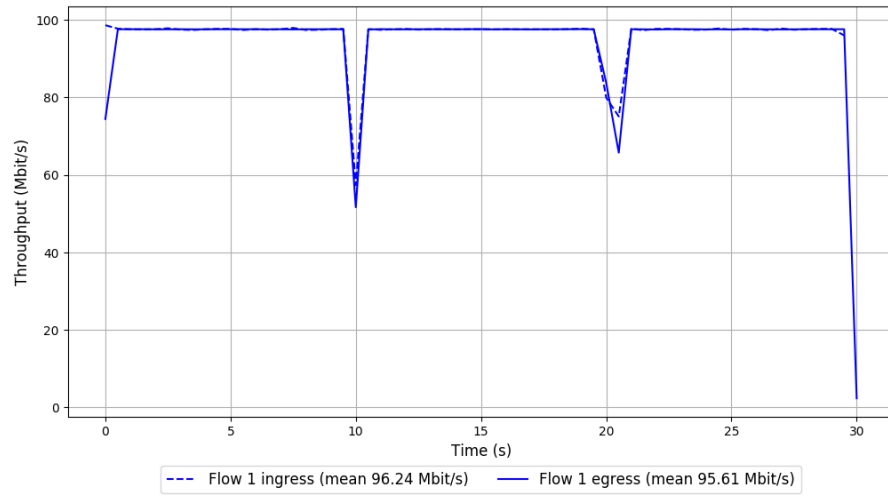
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 20.073 ms

Loss rate: 0.56%

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



Run 5: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 21:23:19 +0000

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

Local clock offset: 2.094 ms

Remote clock offset: -24.025 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 24.065 ms

Loss rate: 0.56%

-- Flow 1:

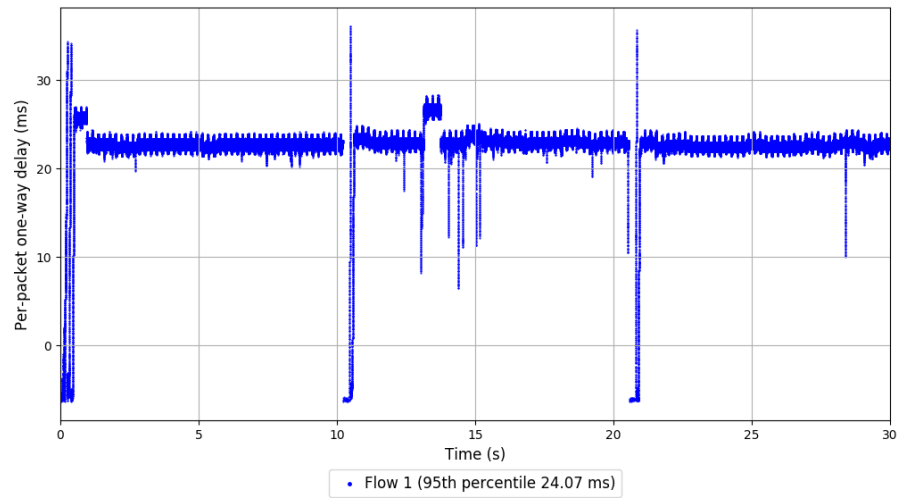
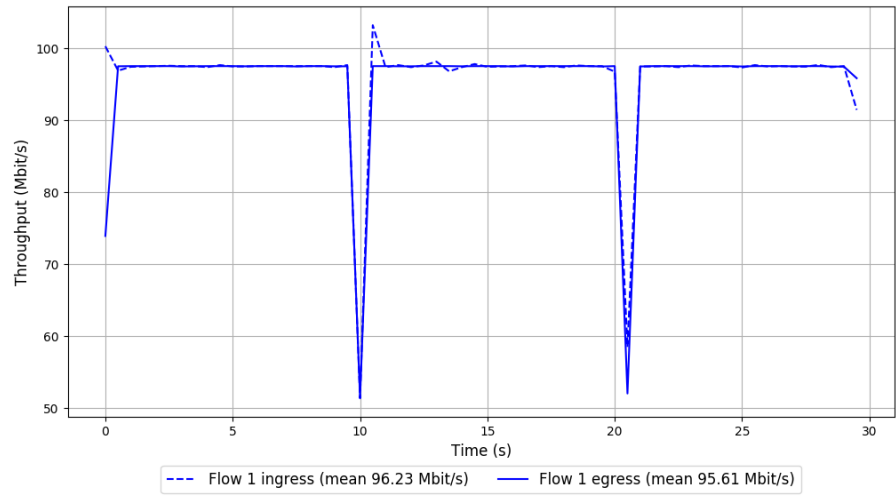
Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 24.065 ms

Loss rate: 0.56%



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



Run 6: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 21:41:07 +0000

End at: Mon, 24 Jul 2017 21:41:37 +0000

Local clock offset: -1.14 ms

Remote clock offset: -24.096 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 26.806 ms

Loss rate: 0.55%

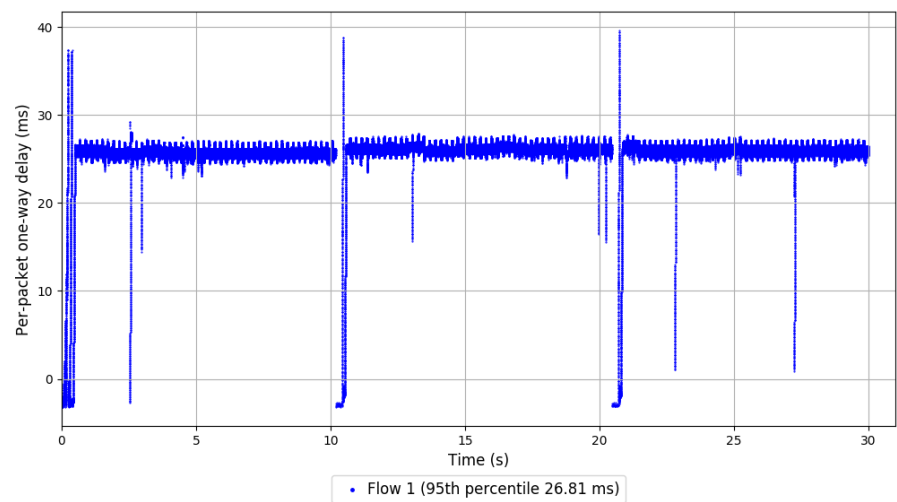
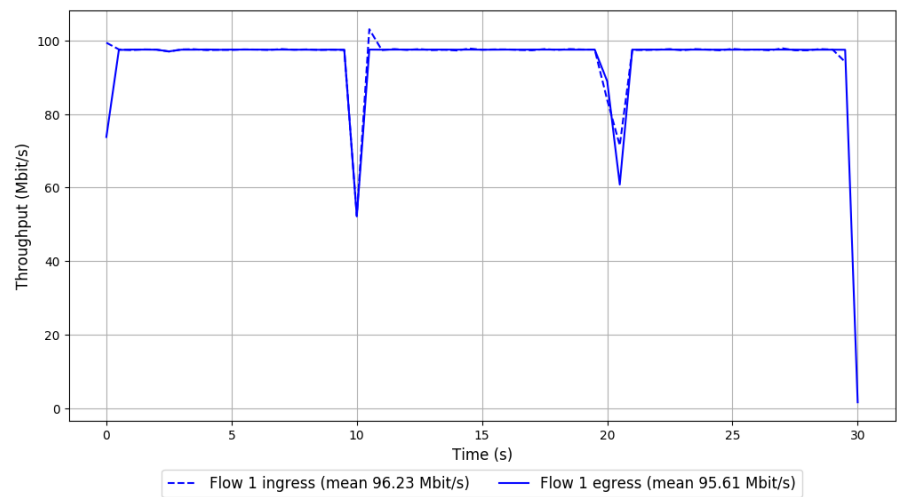
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 26.806 ms

Loss rate: 0.55%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 21:58:50 +0000

End at: Mon, 24 Jul 2017 21:59:20 +0000

Local clock offset: 0.897 ms

Remote clock offset: -25.629 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 23.179 ms

Loss rate: 0.56%

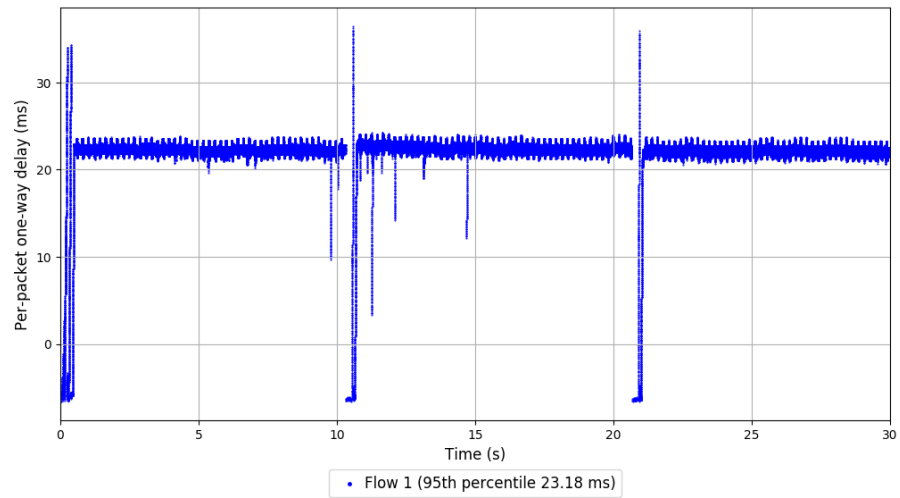
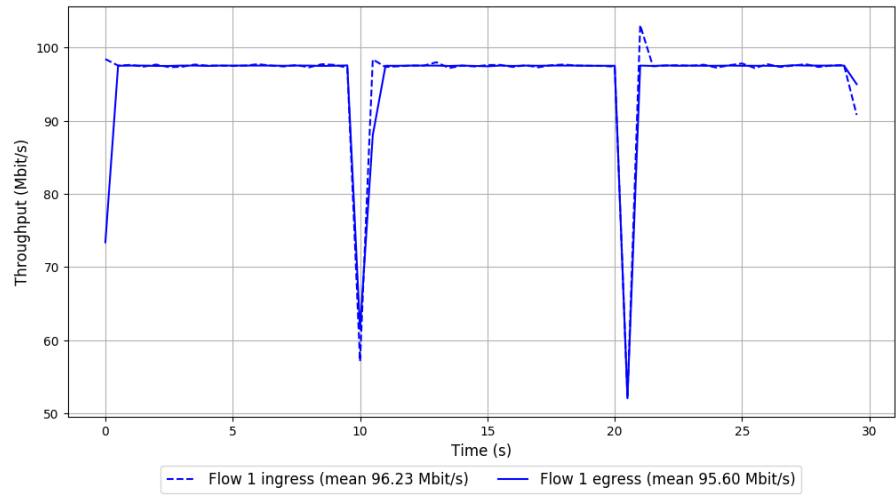
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 23.179 ms

Loss rate: 0.56%

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



Run 8: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 22:16:49 +0000

End at: Mon, 24 Jul 2017 22:17:19 +0000

Local clock offset: -1.42 ms

Remote clock offset: -22.755 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 26.227 ms

Loss rate: 0.55%

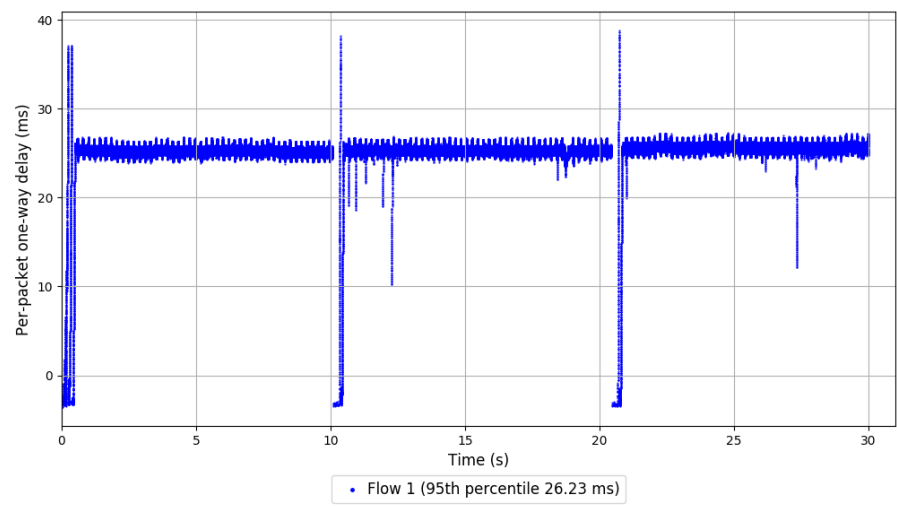
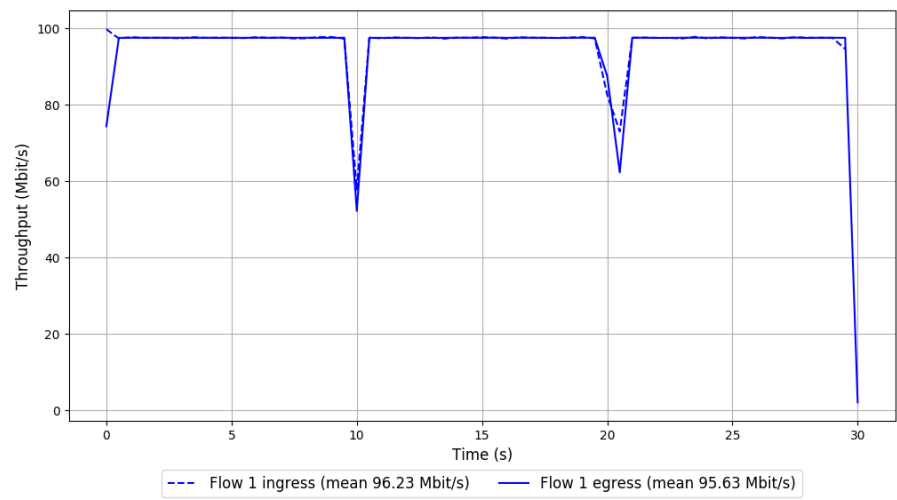
-- Flow 1:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 26.227 ms

Loss rate: 0.55%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 22:34:46 +0000

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

Local clock offset: -0.541 ms

Remote clock offset: -21.373 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 25.915 ms

Loss rate: 0.98%

-- Flow 1:

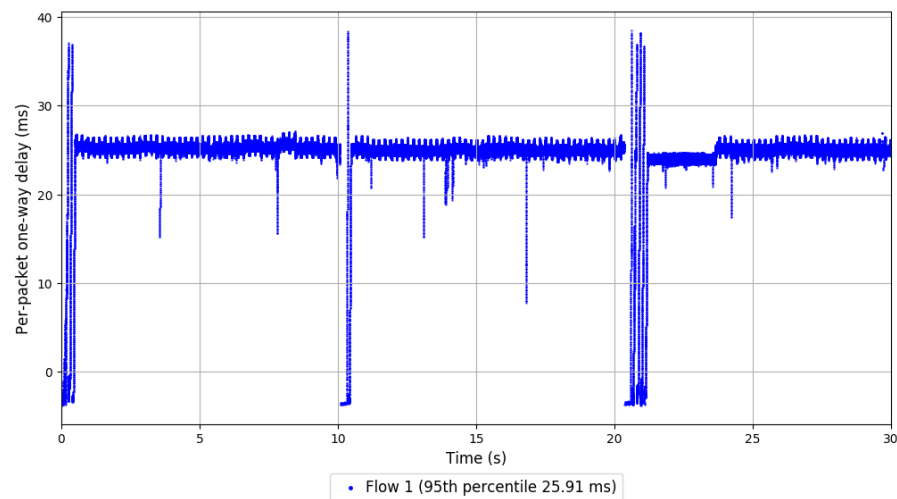
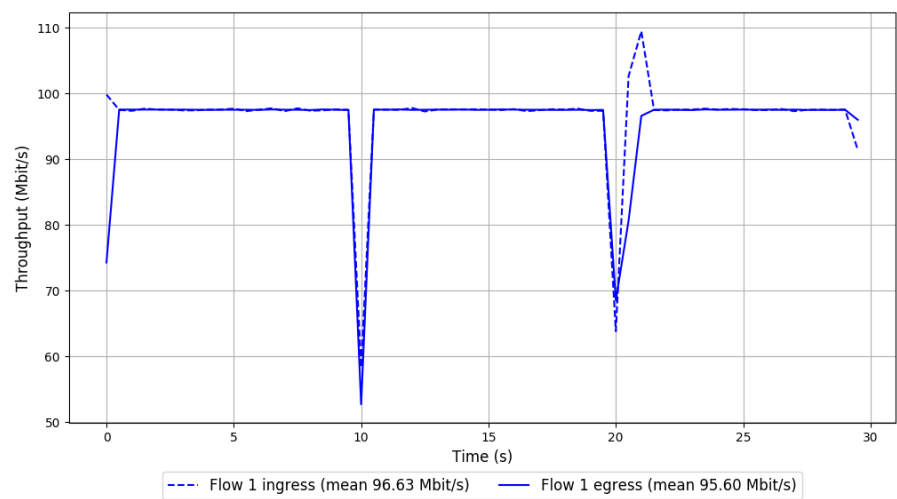
Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 25.915 ms

Loss rate: 0.98%



Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 22:52:15 +0000

End at: Mon, 24 Jul 2017 22:52:45 +0000

Local clock offset: 5.055 ms

Remote clock offset: -22.637 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 18.662 ms

Loss rate: 0.54%

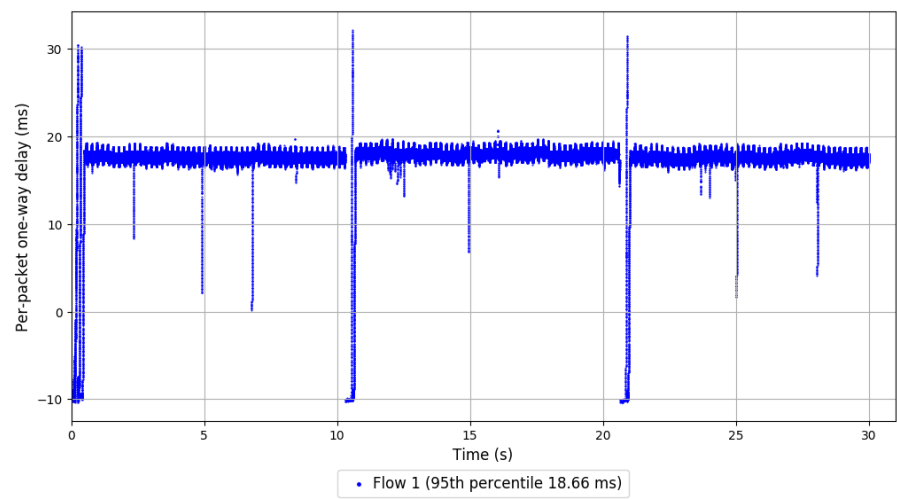
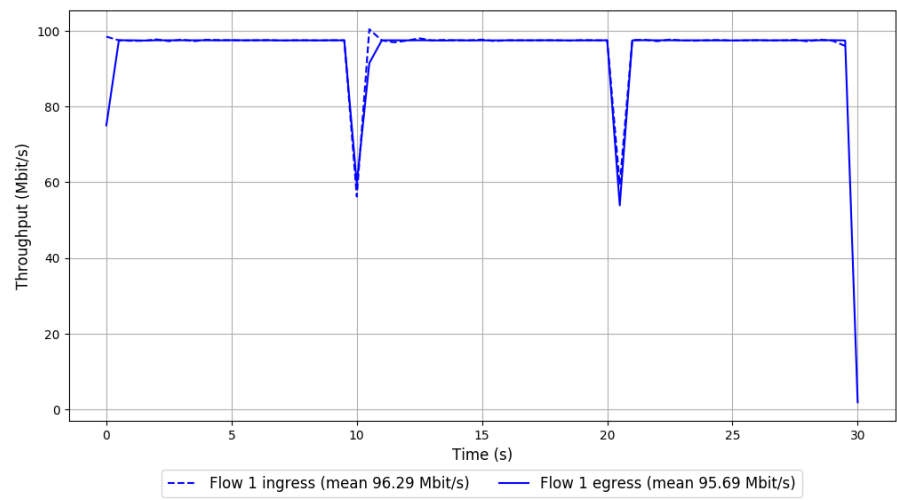
-- Flow 1:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 18.662 ms

Loss rate: 0.54%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 20:15:27 +0000

End at: Mon, 24 Jul 2017 20:15:57 +0000

Local clock offset: 0.3 ms

Remote clock offset: -22.892 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 2.512 ms

Loss rate: 0.00%

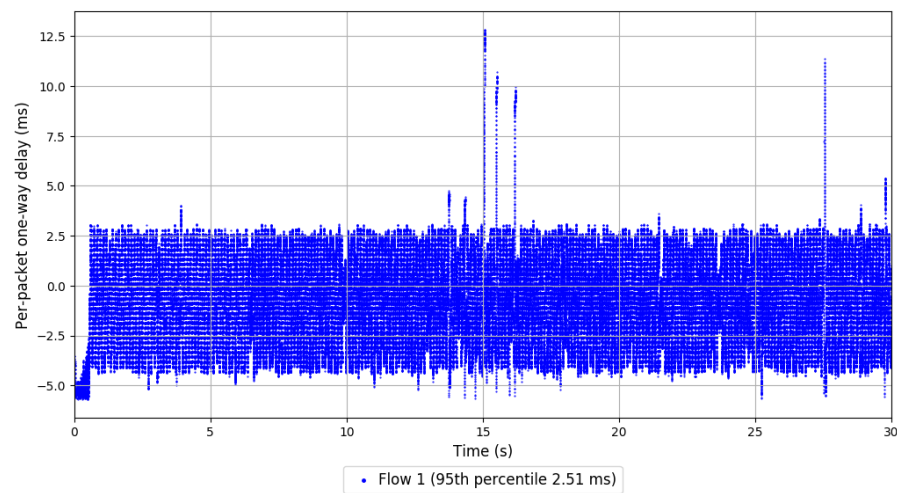
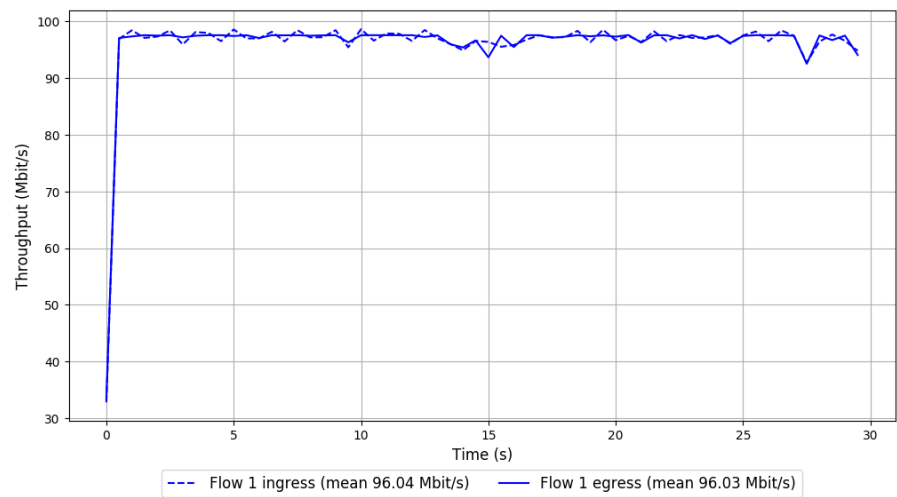
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 2.512 ms

Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 20:33:31 +0000

End at: Mon, 24 Jul 2017 20:34:01 +0000

Local clock offset: 3.313 ms

Remote clock offset: -24.972 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.31 Mbit/s

95th percentile per-packet one-way delay: -1.597 ms

Loss rate: 0.00%

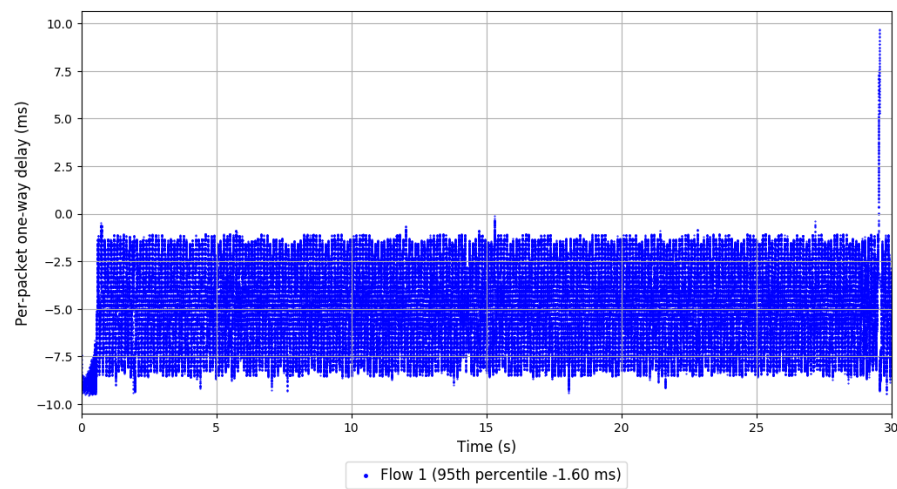
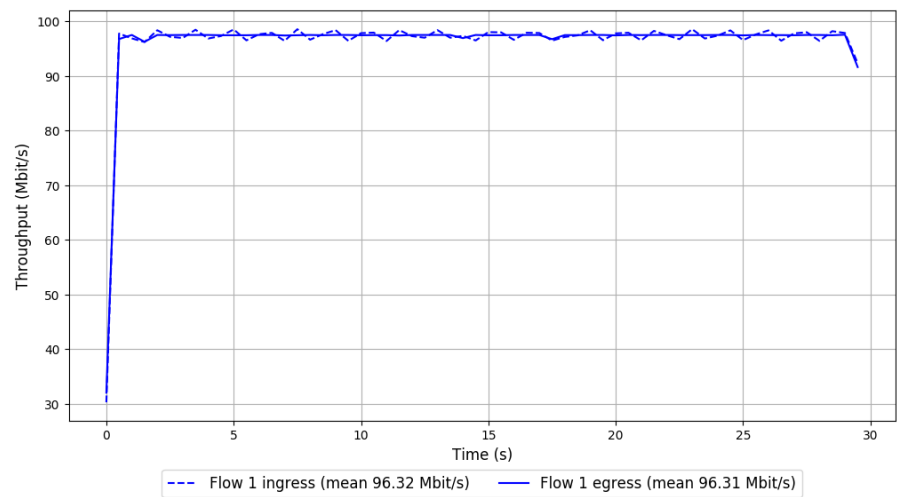
-- Flow 1:

Average throughput: 96.31 Mbit/s

95th percentile per-packet one-way delay: -1.597 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 20:51:19 +0000

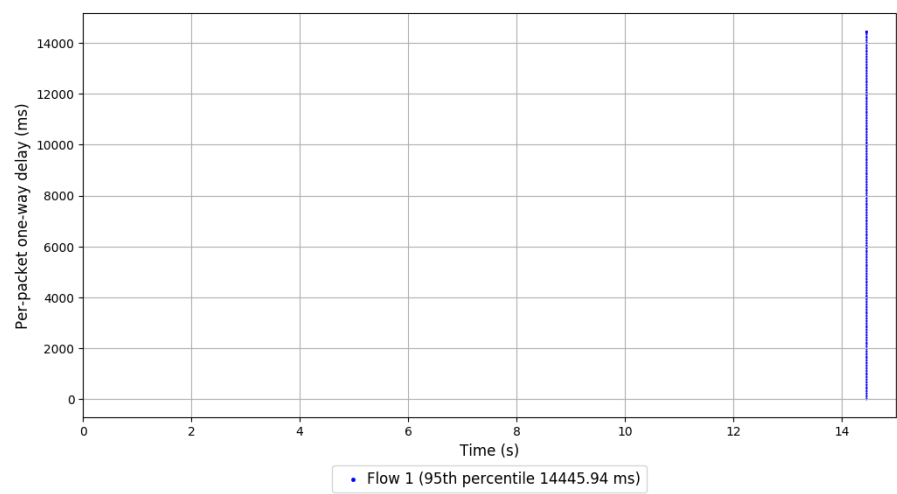
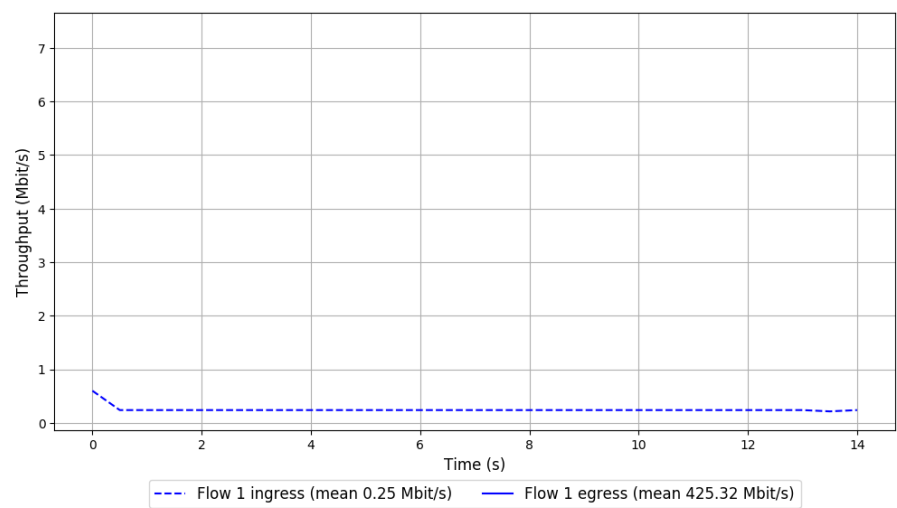
End at: Mon, 24 Jul 2017 20:51:49 +0000

Local clock offset: -0.787 ms

Remote clock offset: -24.672 ms



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 21:08:58 +0000

End at: Mon, 24 Jul 2017 21:09:28 +0000

Local clock offset: 0.927 ms

Remote clock offset: -25.185 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 1.842 ms

Loss rate: 0.00%

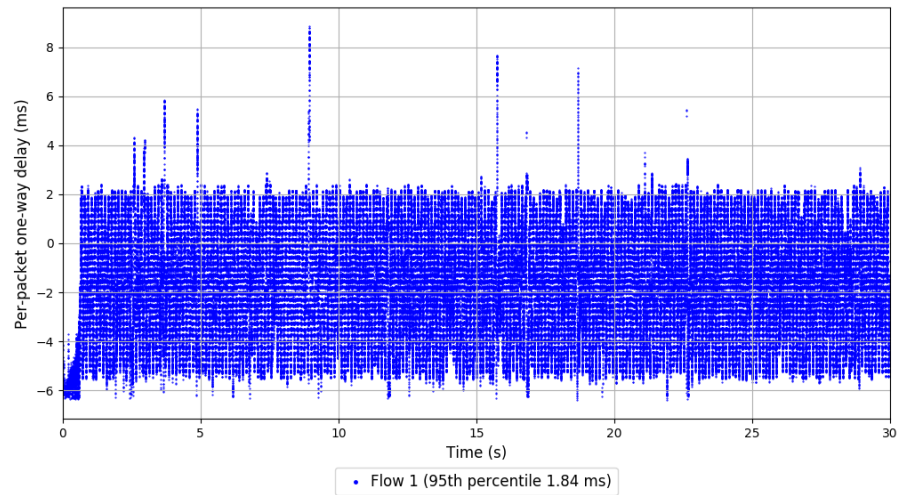
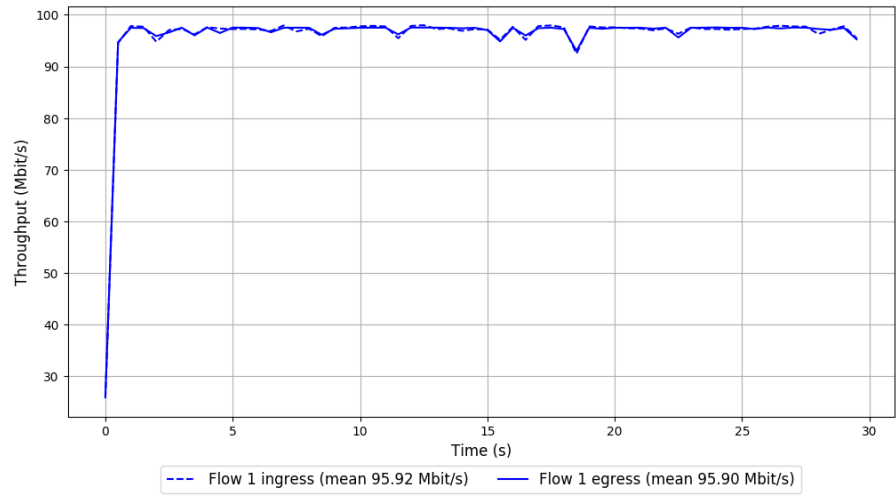
-- Flow 1:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 1.842 ms

Loss rate: 0.00%

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



Run 5: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 21:26:53 +0000

End at: Mon, 24 Jul 2017 21:27:23 +0000

Local clock offset: 3.387 ms

Remote clock offset: -24.138 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 0.419 ms

Loss rate: 0.00%

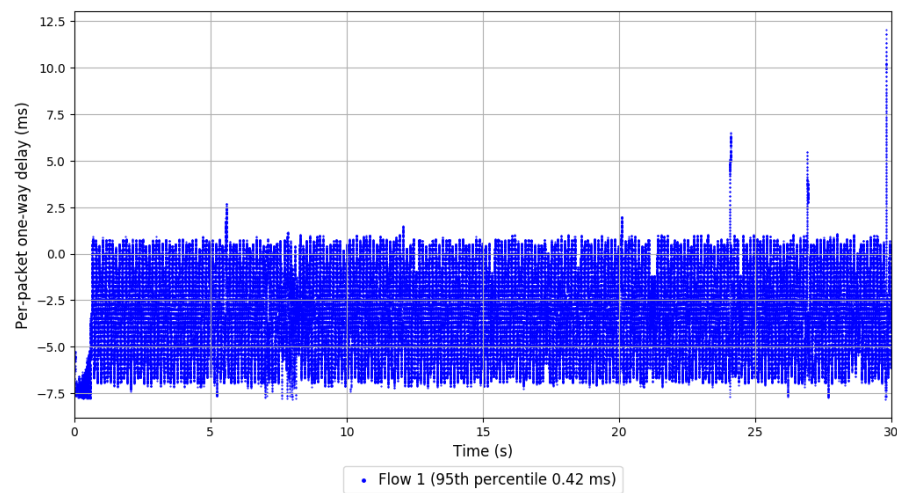
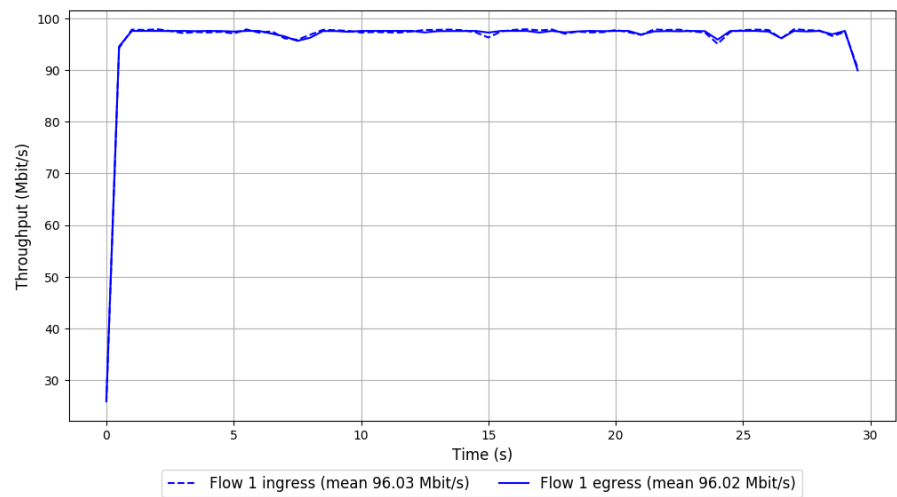
-- Flow 1:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 0.419 ms

Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

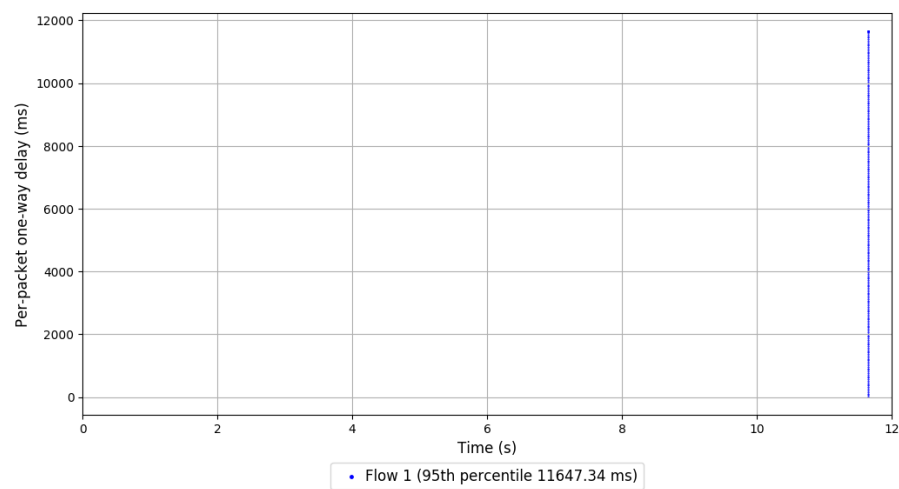
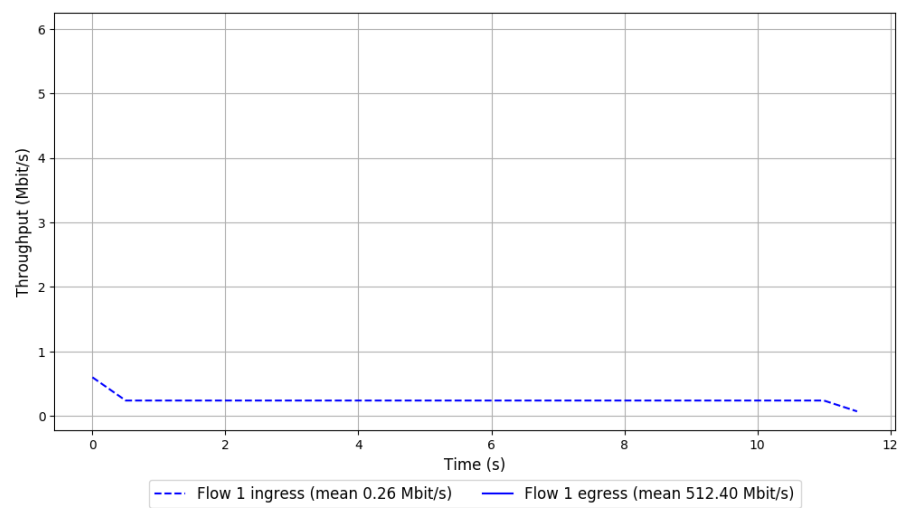
Start at: Mon, 24 Jul 2017 21:44:39 +0000

End at: Mon, 24 Jul 2017 21:45:09 +0000

Local clock offset: 2.786 ms

Remote clock offset: -24.876 ms

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 22:02:18 +0000

End at: Mon, 24 Jul 2017 22:02:48 +0000

Local clock offset: 0.98 ms

Remote clock offset: -25.529 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 1.453 ms

Loss rate: 0.00%

-- Flow 1:

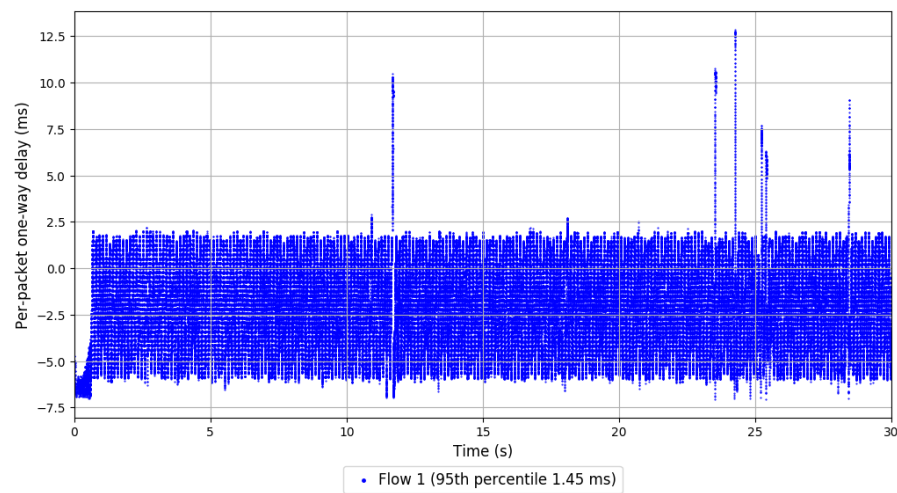
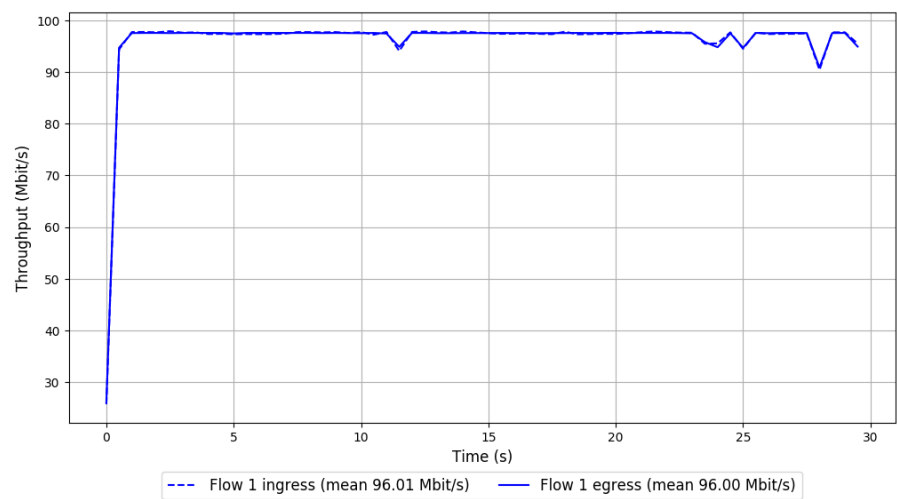
Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 1.453 ms

Loss rate: 0.00%



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 22:20:20 +0000

End at: Mon, 24 Jul 2017 22:20:50 +0000

Local clock offset: 1.174 ms

Remote clock offset: -23.169 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 1.683 ms

Loss rate: 0.00%

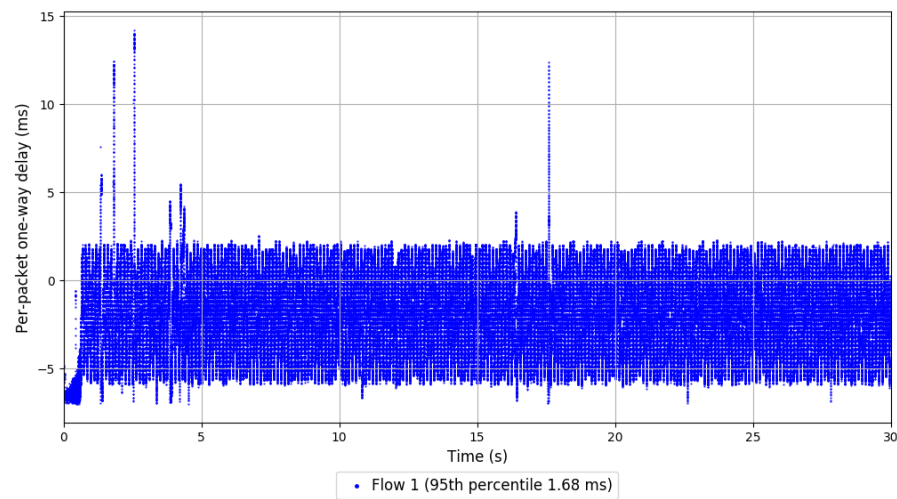
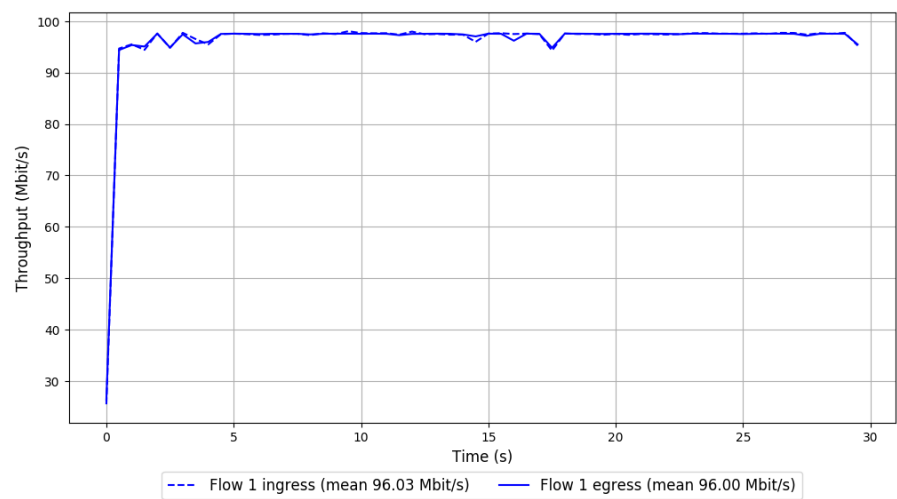
-- Flow 1:

Average throughput: 96.00 Mbit/s

95th percentile per-packet one-way delay: 1.683 ms

Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

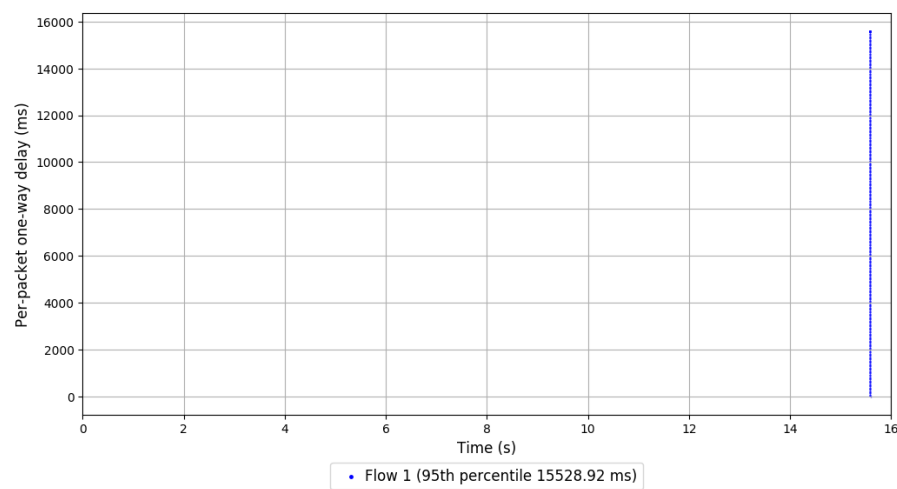
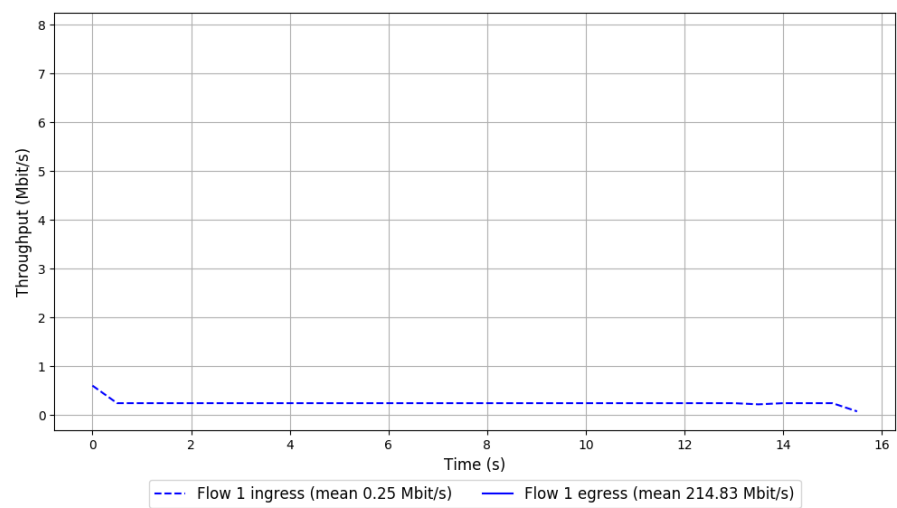
Start at: Mon, 24 Jul 2017 22:38:14 +0000

End at: Mon, 24 Jul 2017 22:38:44 +0000

Local clock offset: 4.401 ms

Remote clock offset: -21.732 ms

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

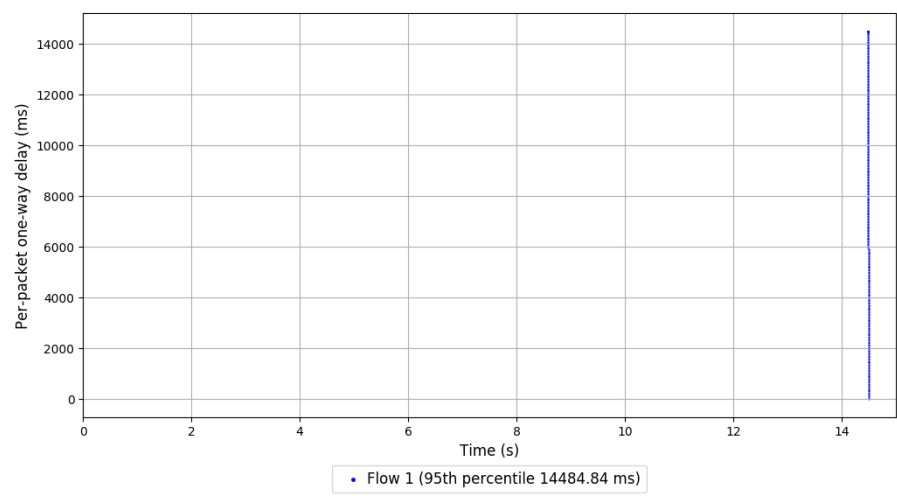
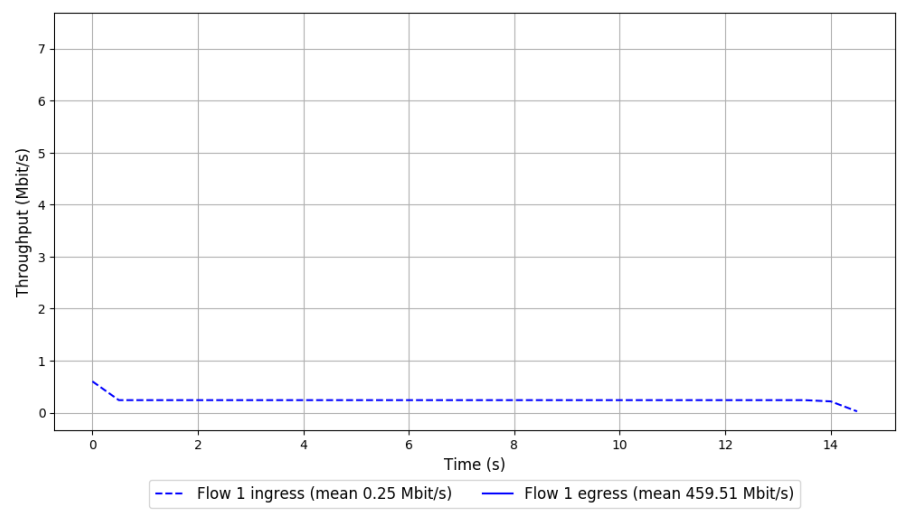
Start at: Mon, 24 Jul 2017 22:55:44 +0000

End at: Mon, 24 Jul 2017 22:56:14 +0000

Local clock offset: 5.135 ms

Remote clock offset: -23.194 ms

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Mon, 24 Jul 2017 20:02:27 +0000

End at: Mon, 24 Jul 2017 20:02:58 +0000

Local clock offset: -2.073 ms

Remote clock offset: -23.996 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.52 Mbit/s

95th percentile per-packet one-way delay: -4.600 ms

Loss rate: 0.00%

-- Flow 1:

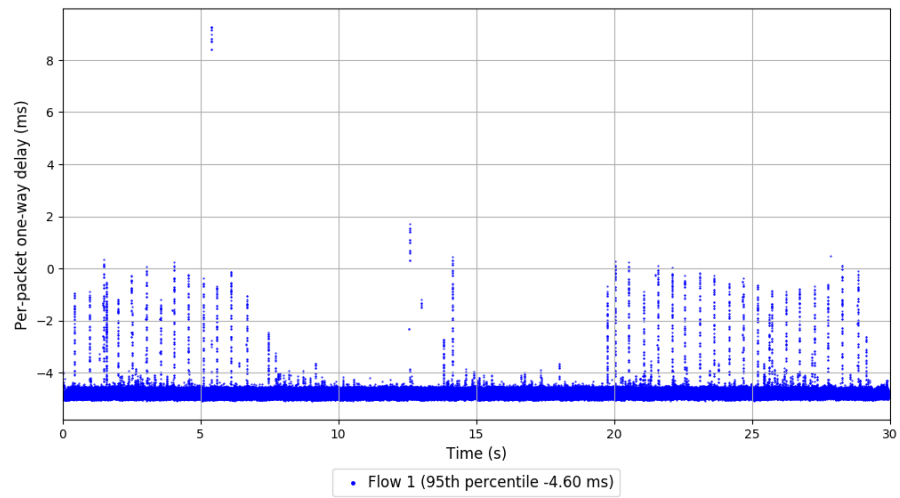
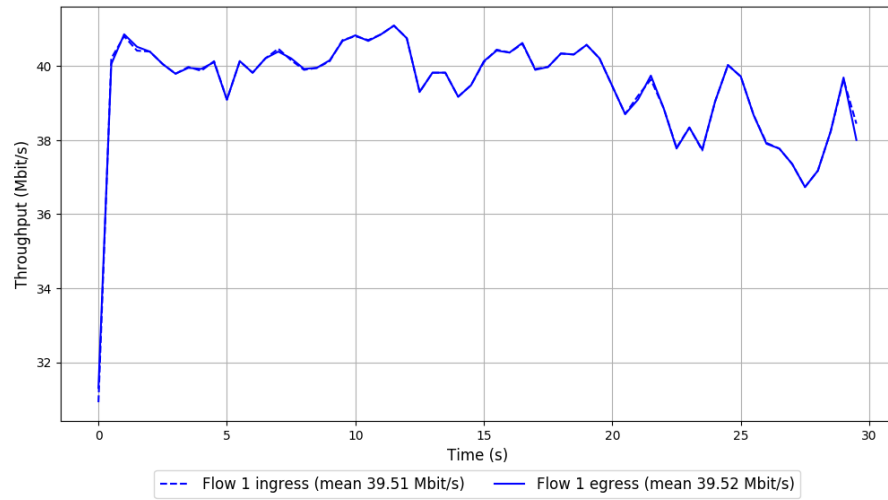
Average throughput: 39.52 Mbit/s

95th percentile per-packet one-way delay: -4.600 ms

Loss rate: 0.00%



## Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Mon, 24 Jul 2017 20:20:18 +0000

End at: Mon, 24 Jul 2017 20:20:48 +0000

Local clock offset: 3.535 ms

Remote clock offset: -24.798 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.92 Mbit/s

95th percentile per-packet one-way delay: -9.845 ms

Loss rate: 0.00%

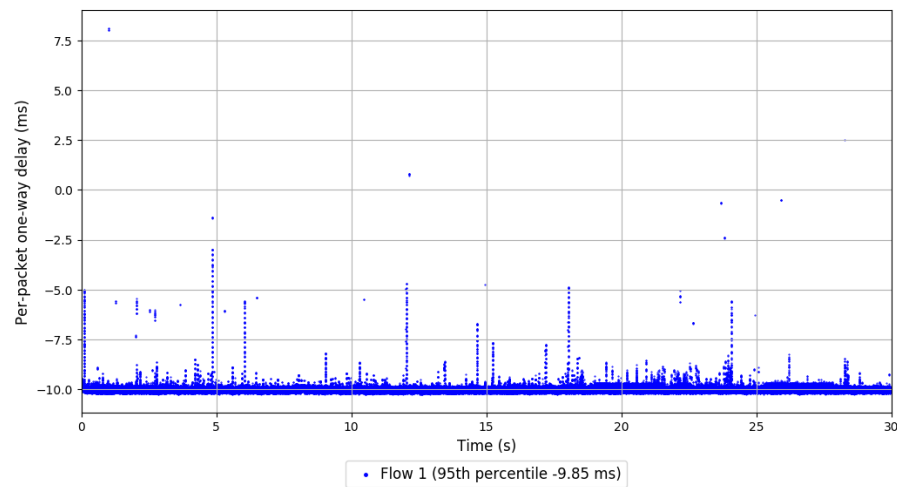
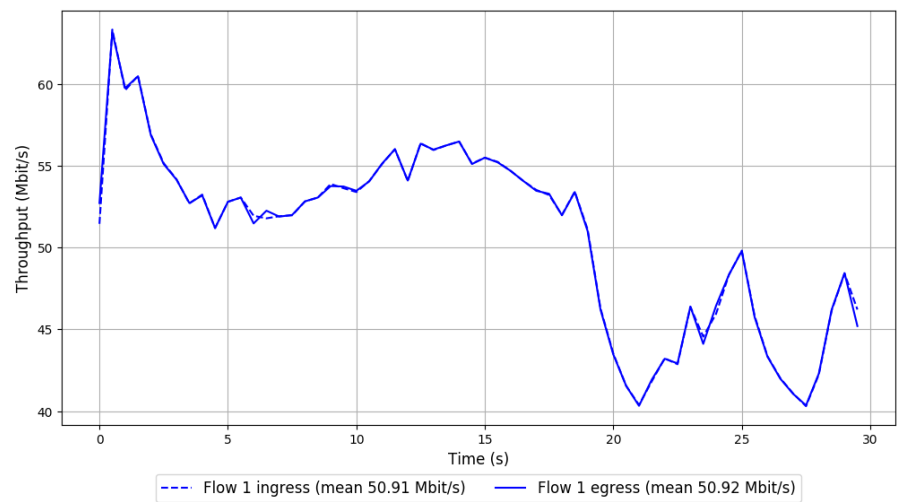
-- Flow 1:

Average throughput: 50.92 Mbit/s

95th percentile per-packet one-way delay: -9.845 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Mon, 24 Jul 2017 20:38:25 +0000

End at: Mon, 24 Jul 2017 20:38:55 +0000

Local clock offset: 0.596 ms

Remote clock offset: -23.495 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.95 Mbit/s

95th percentile per-packet one-way delay: -4.581 ms

Loss rate: 0.00%

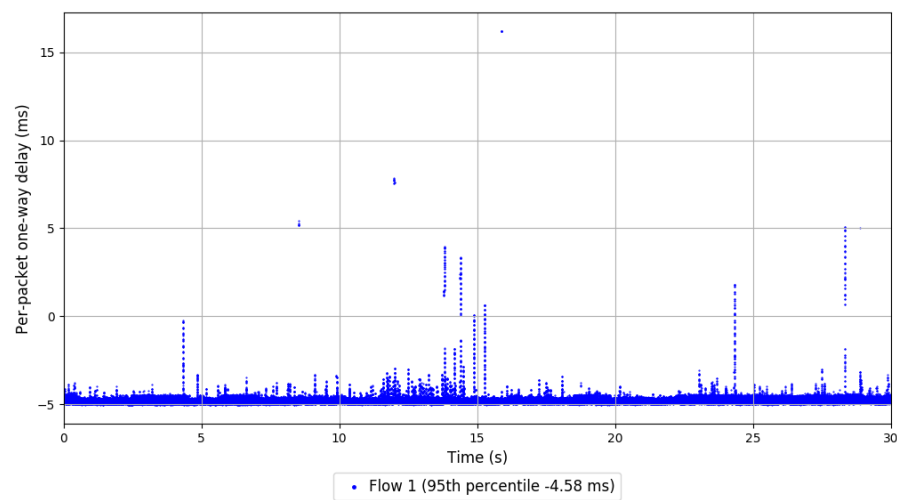
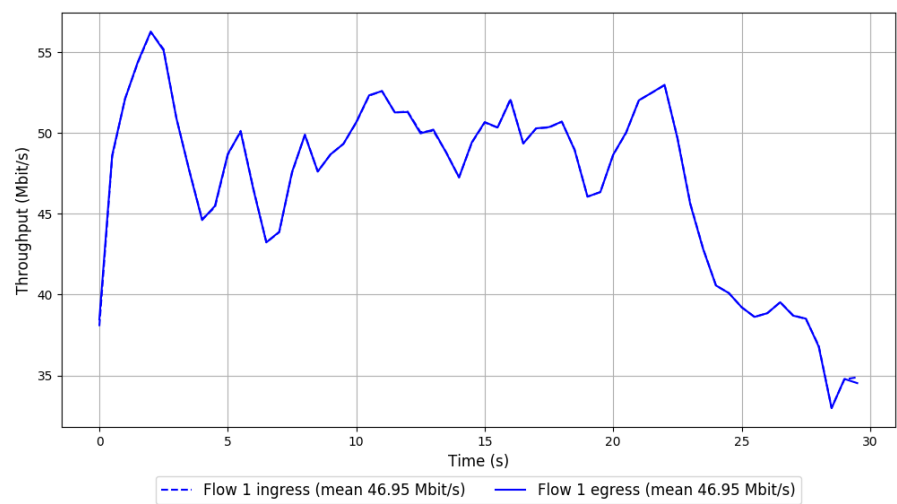
-- Flow 1:

Average throughput: 46.95 Mbit/s

95th percentile per-packet one-way delay: -4.581 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Mon, 24 Jul 2017 20:55:51 +0000

End at: Mon, 24 Jul 2017 20:56:21 +0000

Local clock offset: 0.642 ms

Remote clock offset: -24.737 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: -5.492 ms

Loss rate: 0.00%

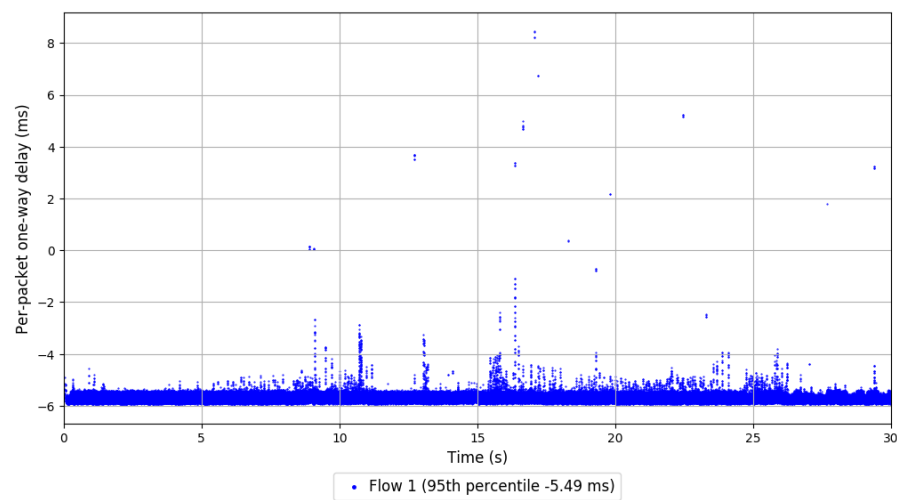
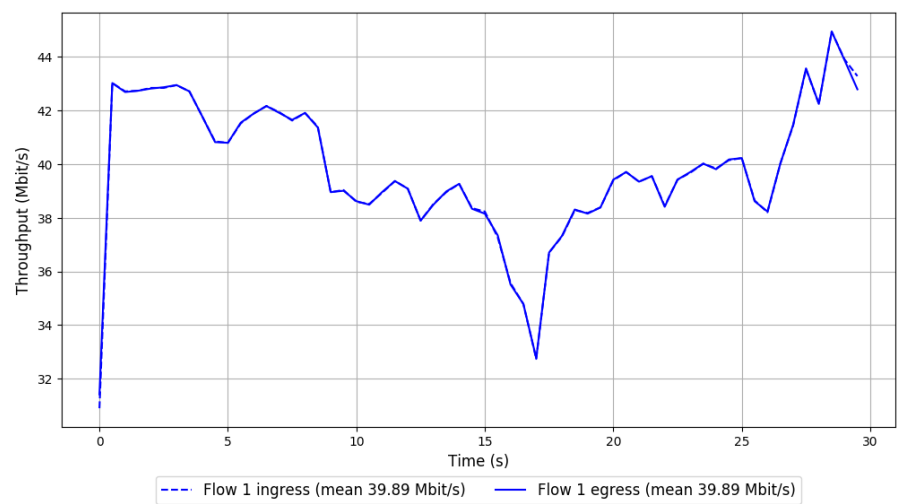
-- Flow 1:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: -5.492 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Mon, 24 Jul 2017 21:13:53 +0000

End at: Mon, 24 Jul 2017 21:14:23 +0000

Local clock offset: 2.808 ms

Remote clock offset: -25.953 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.15 Mbit/s

95th percentile per-packet one-way delay: -8.621 ms

Loss rate: 0.00%

-- Flow 1:

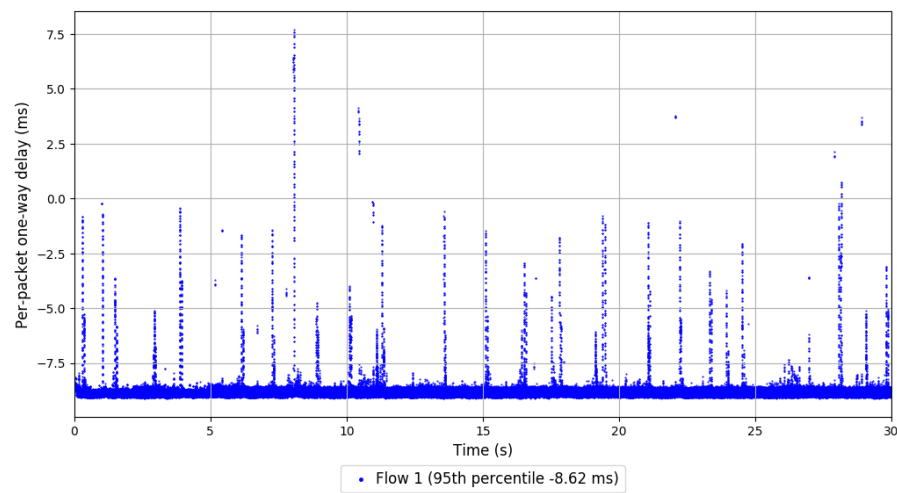
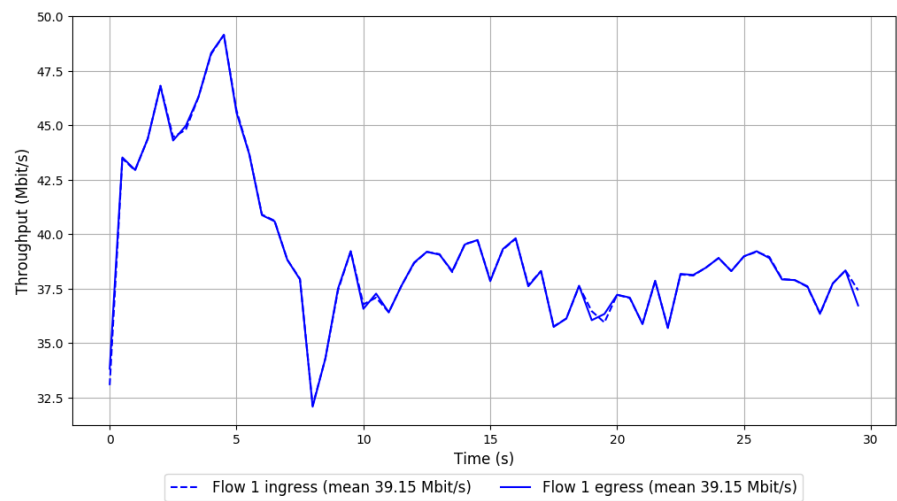
Average throughput: 39.15 Mbit/s

95th percentile per-packet one-way delay: -8.621 ms

Loss rate: 0.00%



Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Mon, 24 Jul 2017 21:31:42 +0000

End at: Mon, 24 Jul 2017 21:32:12 +0000

Local clock offset: 5.097 ms

Remote clock offset: -26.549 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.89 Mbit/s

95th percentile per-packet one-way delay: -11.553 ms

Loss rate: 0.00%

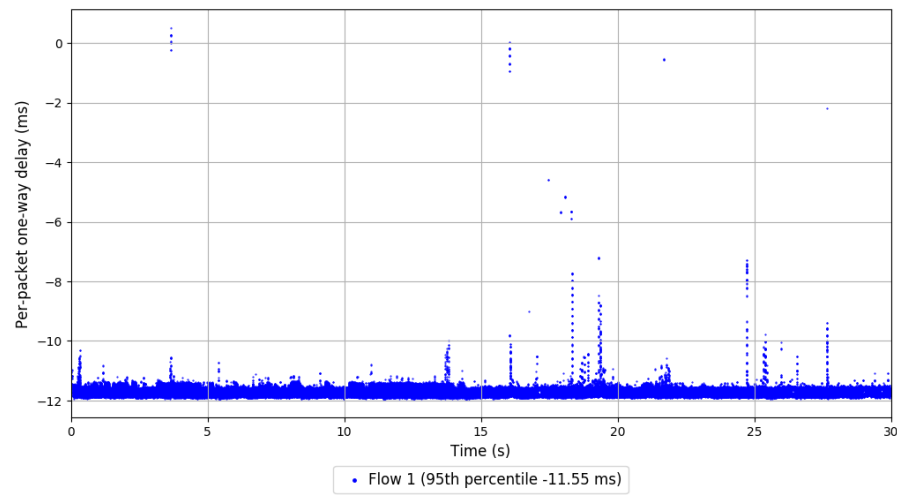
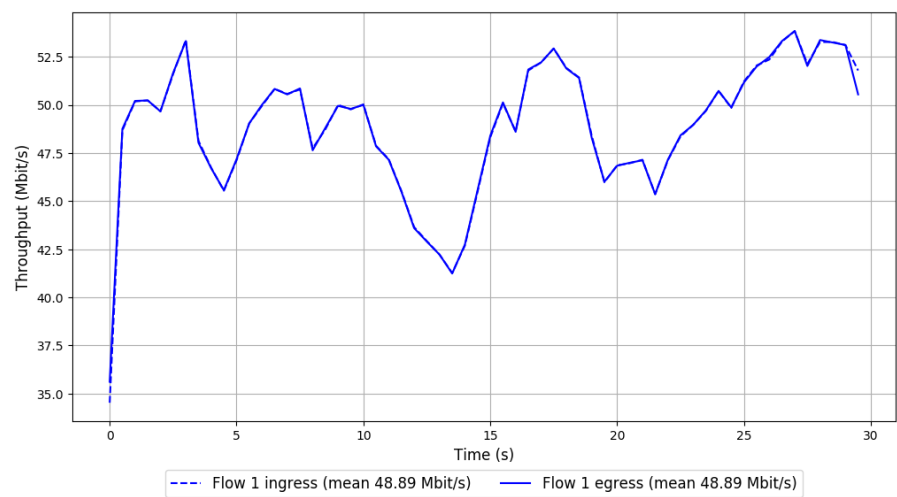
-- Flow 1:

Average throughput: 48.89 Mbit/s

95th percentile per-packet one-way delay: -11.553 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Mon, 24 Jul 2017 21:49:14 +0000

End at: Mon, 24 Jul 2017 21:49:44 +0000

Local clock offset: 4.321 ms

Remote clock offset: -25.436 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.13 Mbit/s

95th percentile per-packet one-way delay: -9.517 ms

Loss rate: 0.00%

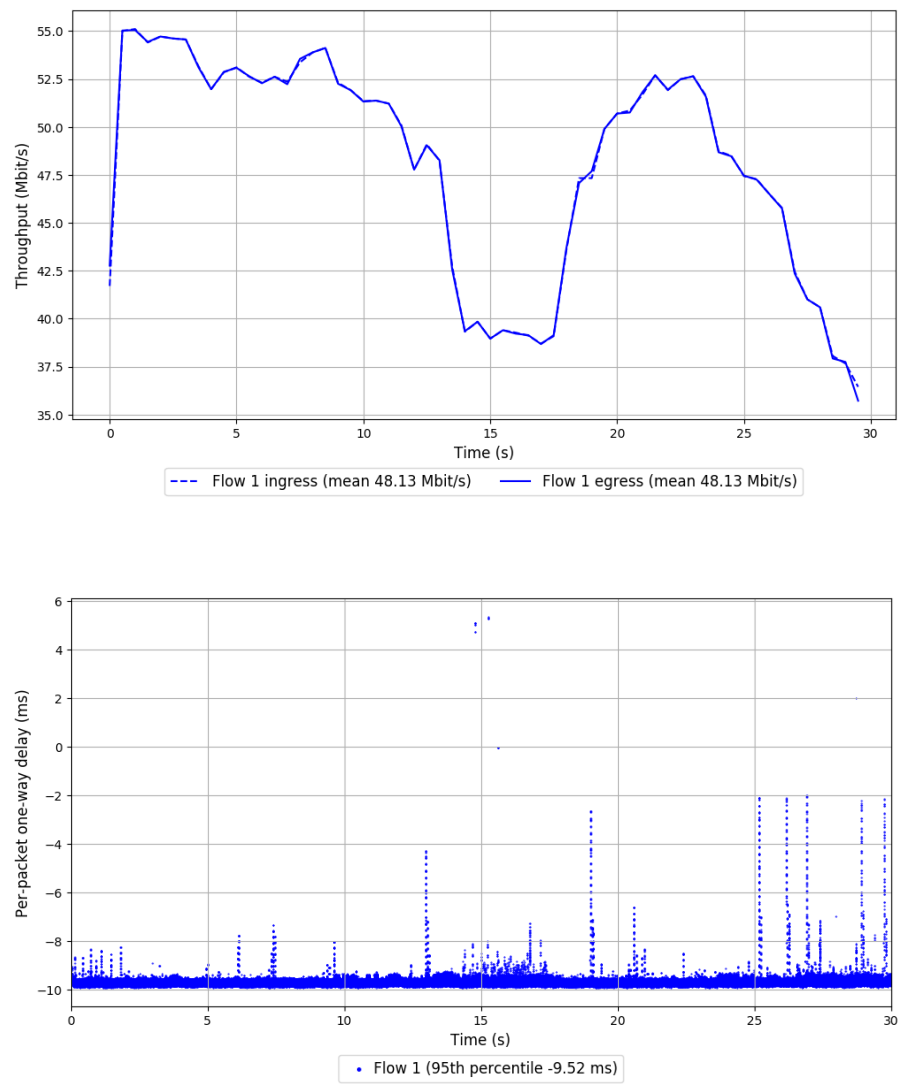
-- Flow 1:

Average throughput: 48.13 Mbit/s

95th percentile per-packet one-way delay: -9.517 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Mon, 24 Jul 2017 22:07:11 +0000

End at: Mon, 24 Jul 2017 22:07:41 +0000

Local clock offset: 1.636 ms

Remote clock offset: -23.644 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.11 Mbit/s

95th percentile per-packet one-way delay: -6.108 ms

Loss rate: 0.00%

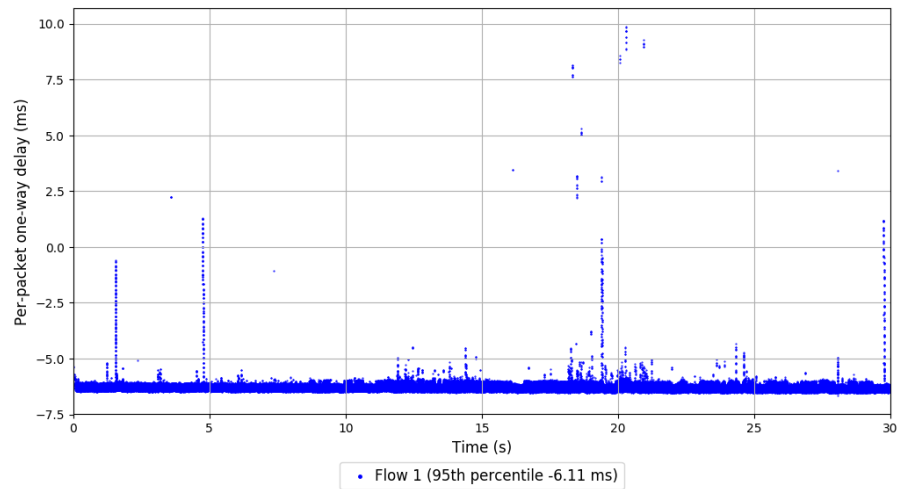
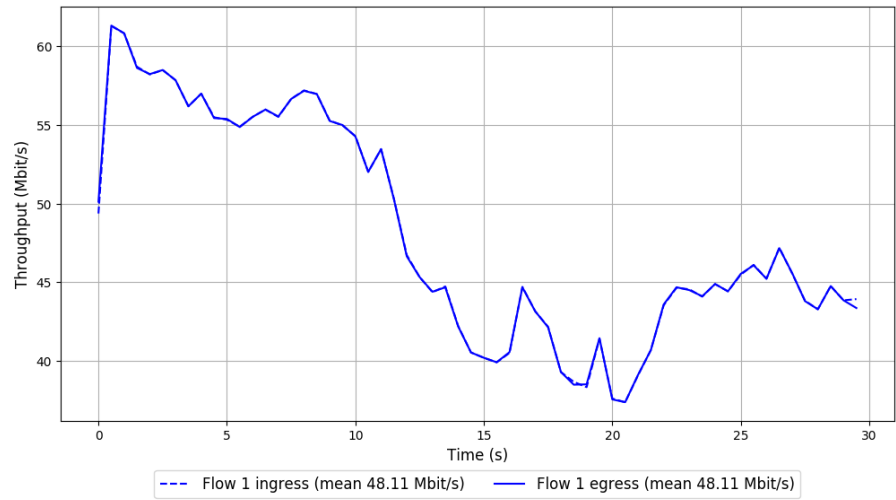
-- Flow 1:

Average throughput: 48.11 Mbit/s

95th percentile per-packet one-way delay: -6.108 ms

Loss rate: 0.00%

## Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Mon, 24 Jul 2017 22:25:11 +0000

End at: Mon, 24 Jul 2017 22:25:41 +0000

Local clock offset: 3.526 ms

Remote clock offset: -21.67 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.98 Mbit/s

95th percentile per-packet one-way delay: -7.903 ms

Loss rate: 0.00%

-- Flow 1:

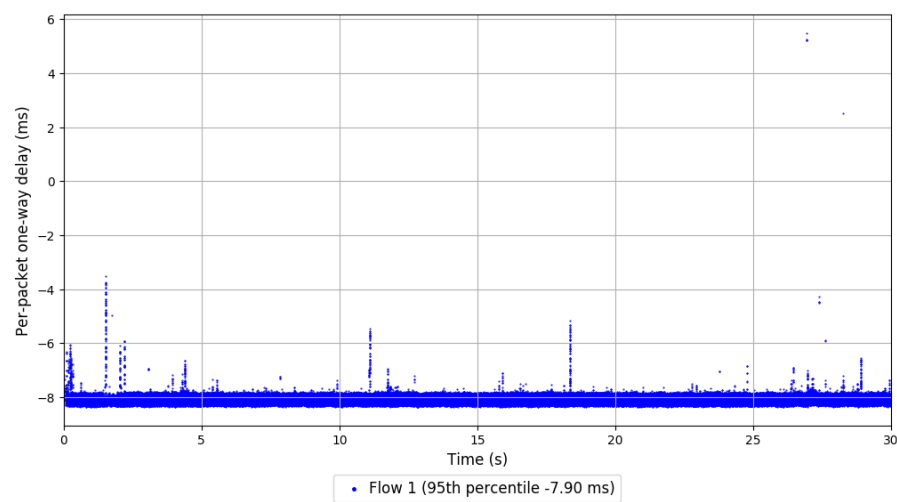
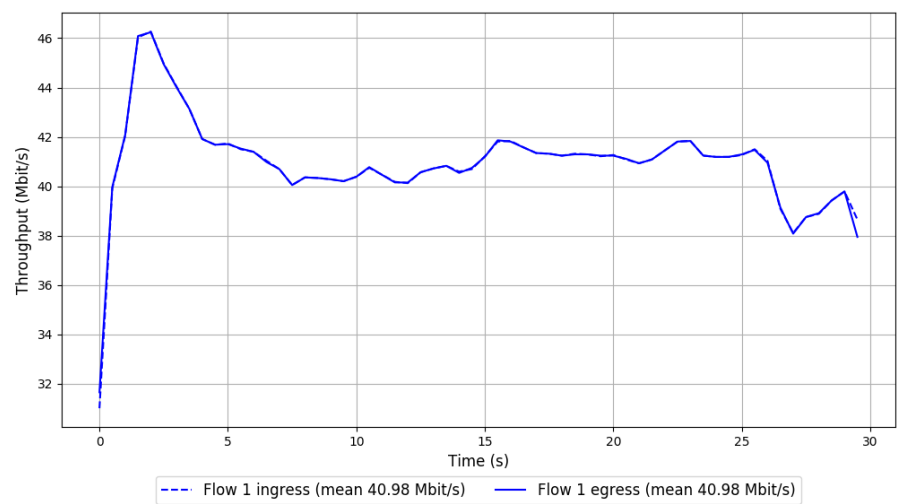
Average throughput: 40.98 Mbit/s

95th percentile per-packet one-way delay: -7.903 ms

Loss rate: 0.00%



Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Mon, 24 Jul 2017 22:42:51 +0000

End at: Mon, 24 Jul 2017 22:43:21 +0000

Local clock offset: 3.614 ms

Remote clock offset: -22.53 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.29 Mbit/s

95th percentile per-packet one-way delay: -8.369 ms

Loss rate: 0.00%

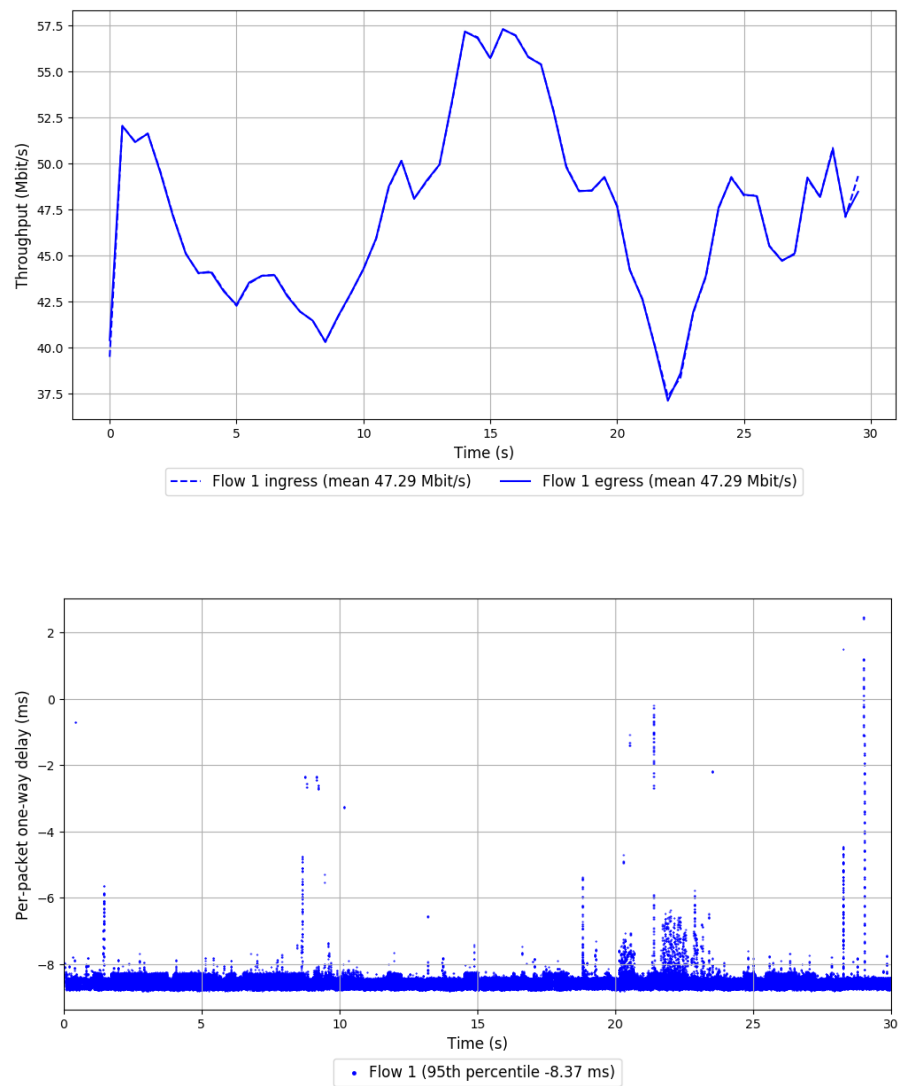
-- Flow 1:

Average throughput: 47.29 Mbit/s

95th percentile per-packet one-way delay: -8.369 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 20:16:44 +0000

End at: Mon, 24 Jul 2017 20:17:14 +0000

Local clock offset: 2.036 ms

Remote clock offset: -22.752 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 30.384 ms

Loss rate: 0.33%

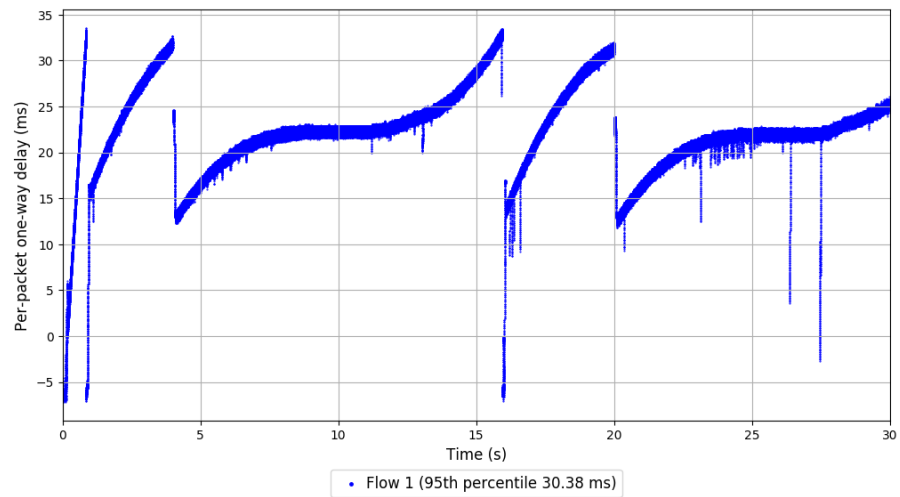
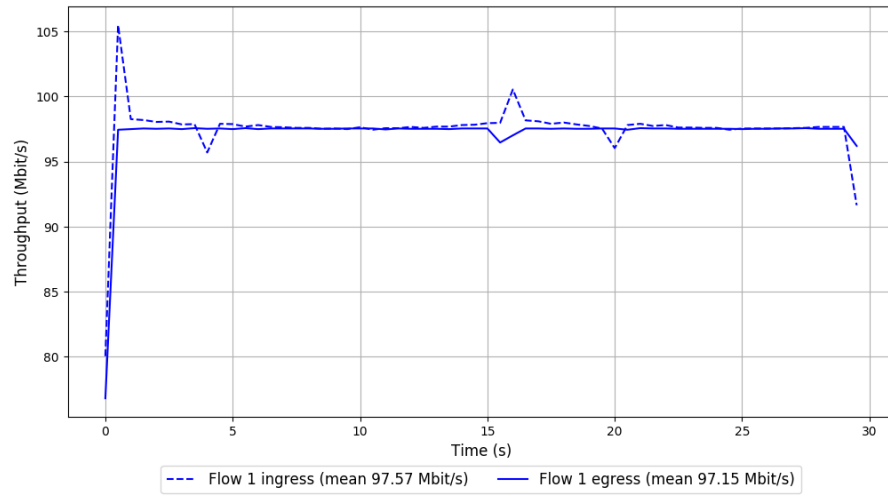
-- Flow 1:

Average throughput: 97.15 Mbit/s

95th percentile per-packet one-way delay: 30.384 ms

Loss rate: 0.33%

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



Run 2: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 20:34:47 +0000

End at: Mon, 24 Jul 2017 20:35:17 +0000

Local clock offset: 3.163 ms

Remote clock offset: -25.545 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 24.530 ms

Loss rate: 0.20%

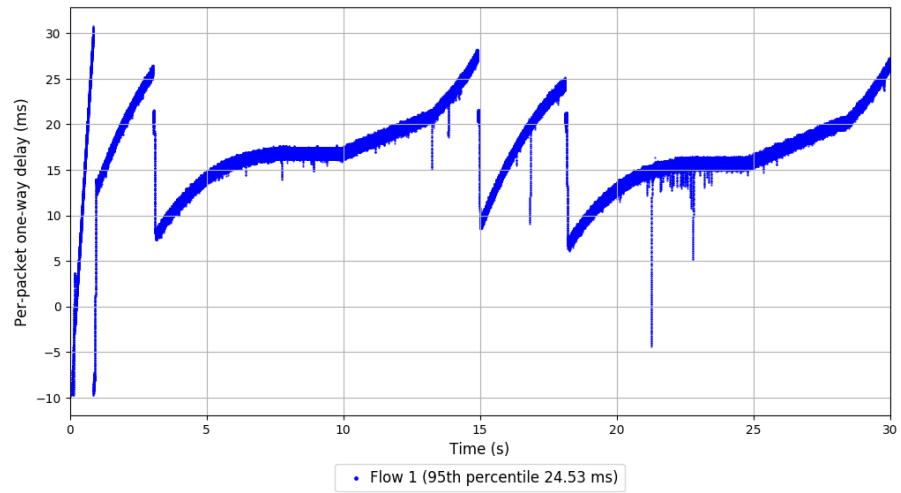
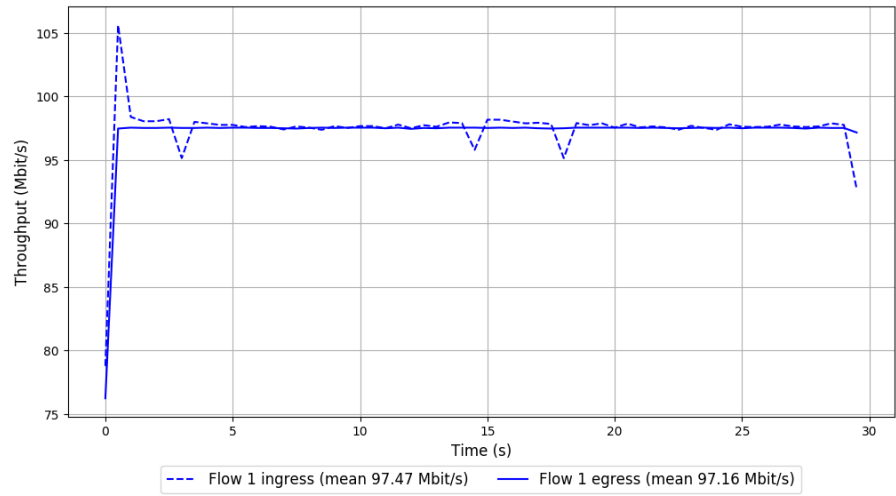
-- Flow 1:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 24.530 ms

Loss rate: 0.20%

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



Run 3: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 20:52:24 +0000

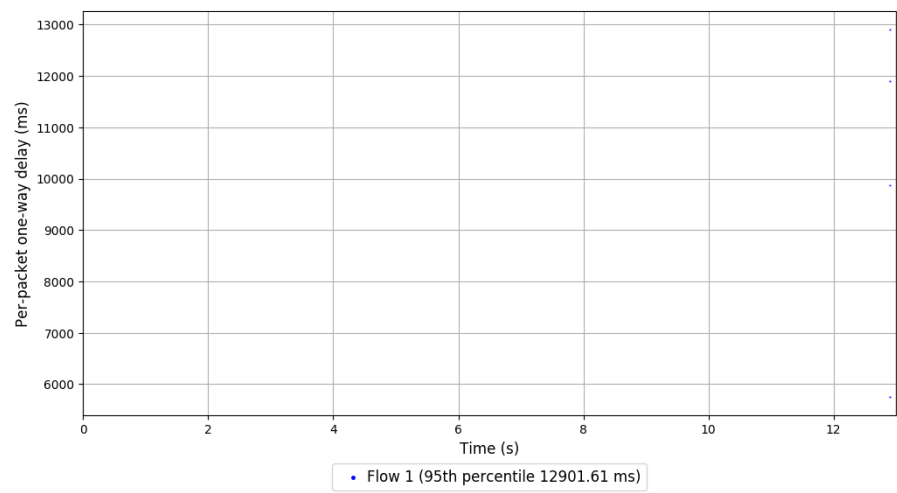
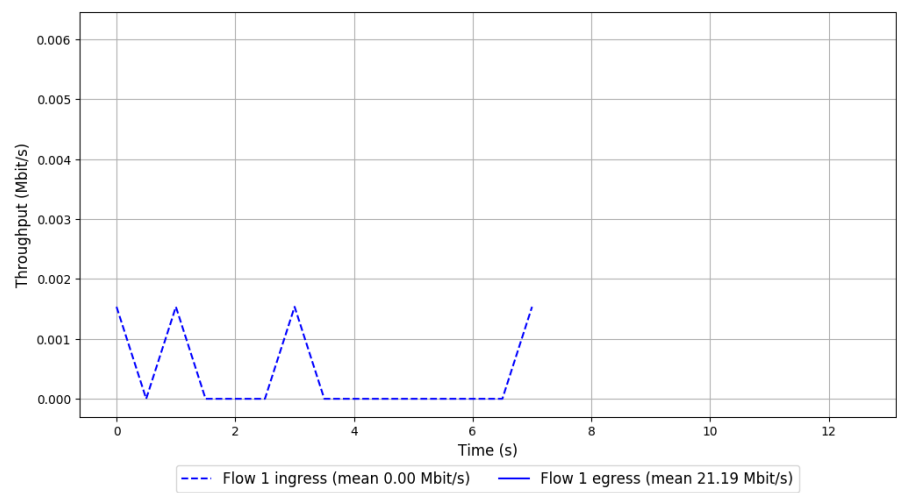
End at: Mon, 24 Jul 2017 20:52:54 +0000

Local clock offset: 2.099 ms

Remote clock offset: -24.965 ms



Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 21:10:19 +0000

End at: Mon, 24 Jul 2017 21:10:49 +0000

Local clock offset: 3.904 ms

Remote clock offset: -24.786 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 28.442 ms

Loss rate: 0.20%

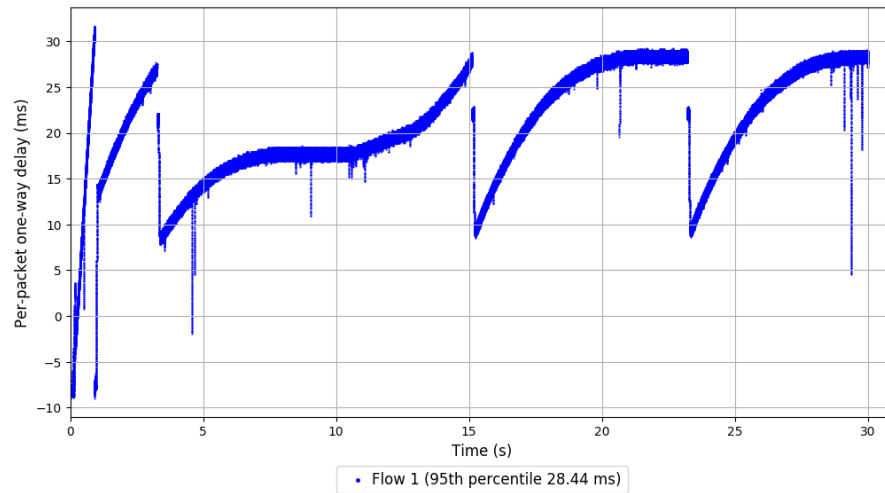
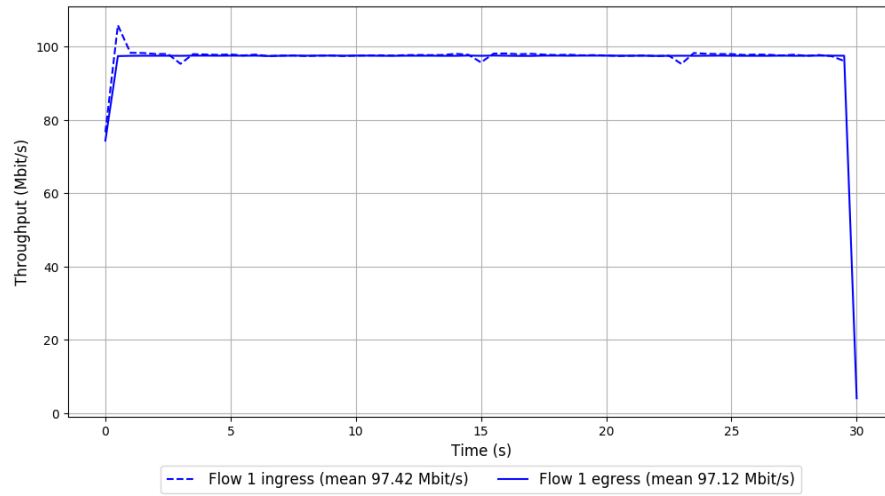
-- Flow 1:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 28.442 ms

Loss rate: 0.20%

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



Run 5: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 21:28:09 +0000

End at: Mon, 24 Jul 2017 21:28:39 +0000

Local clock offset: 0.47 ms

Remote clock offset: -25.642 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 32.522 ms

Loss rate: 0.23%

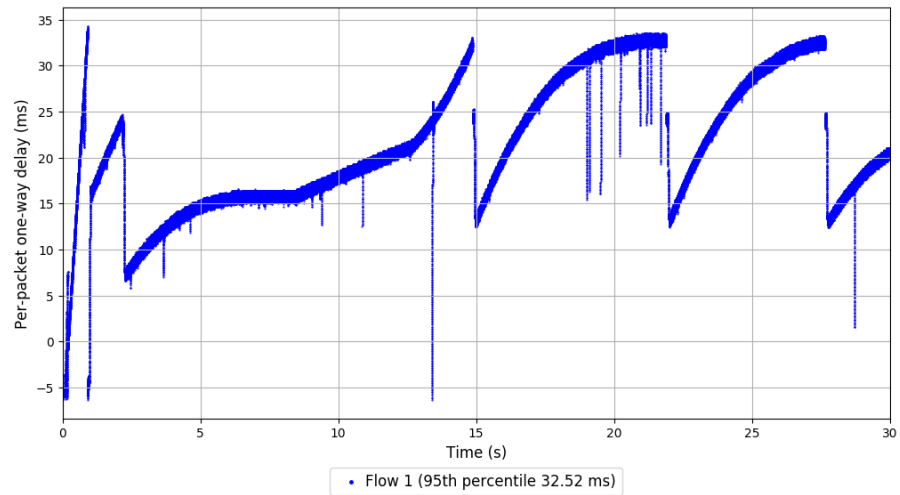
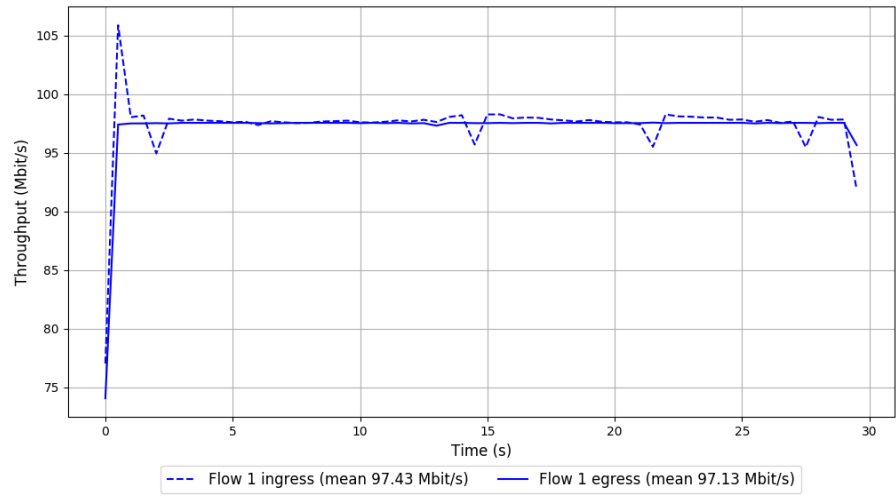
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 32.522 ms

Loss rate: 0.23%

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



Run 6: Statistics of TCP Cubic

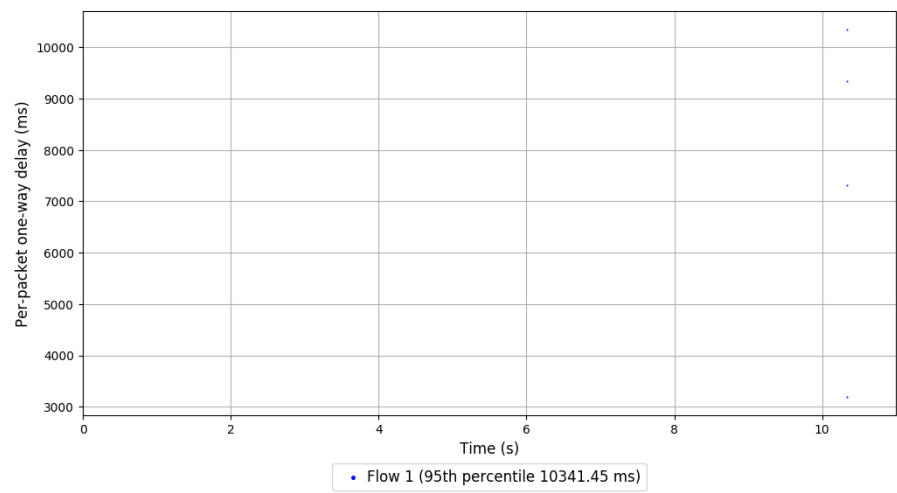
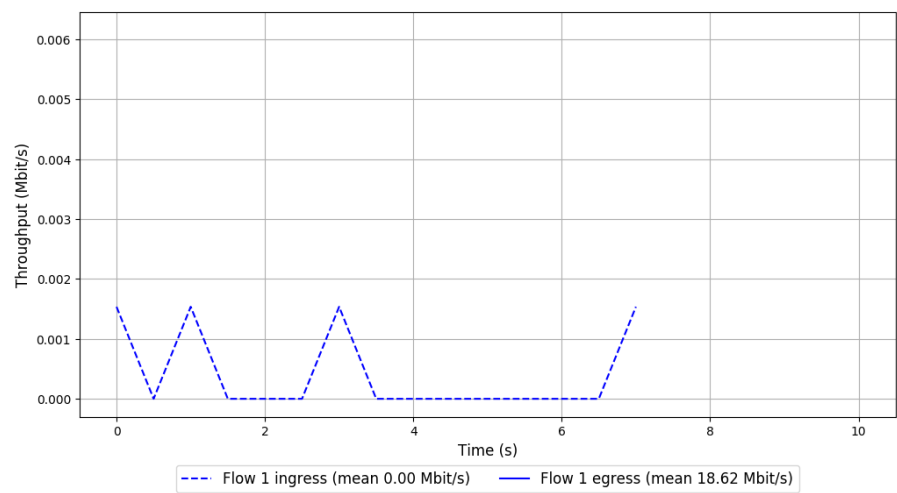
Start at: Mon, 24 Jul 2017 21:45:43 +0000

End at: Mon, 24 Jul 2017 21:46:13 +0000

Local clock offset: 2.371 ms

Remote clock offset: -25.391 ms

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 22:03:34 +0000

End at: Mon, 24 Jul 2017 22:04:04 +0000

Local clock offset: 1.475 ms

Remote clock offset: -24.422 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 29.577 ms

Loss rate: 0.19%

-- Flow 1:

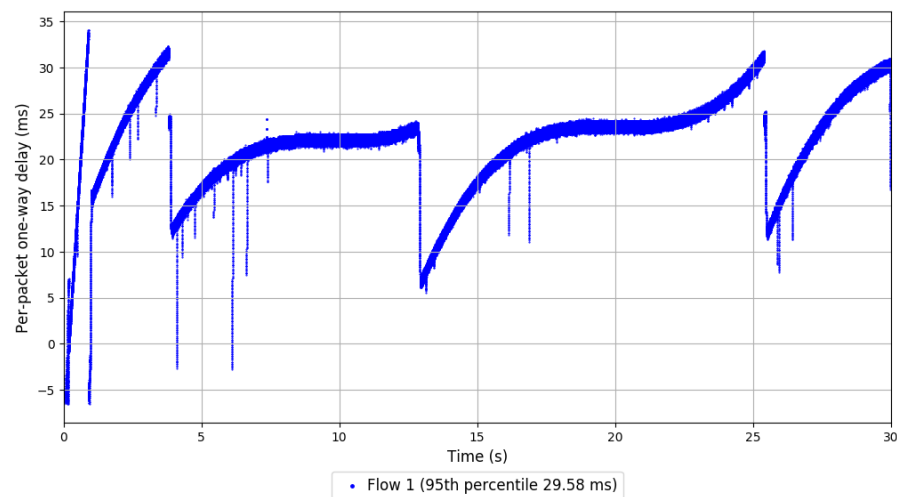
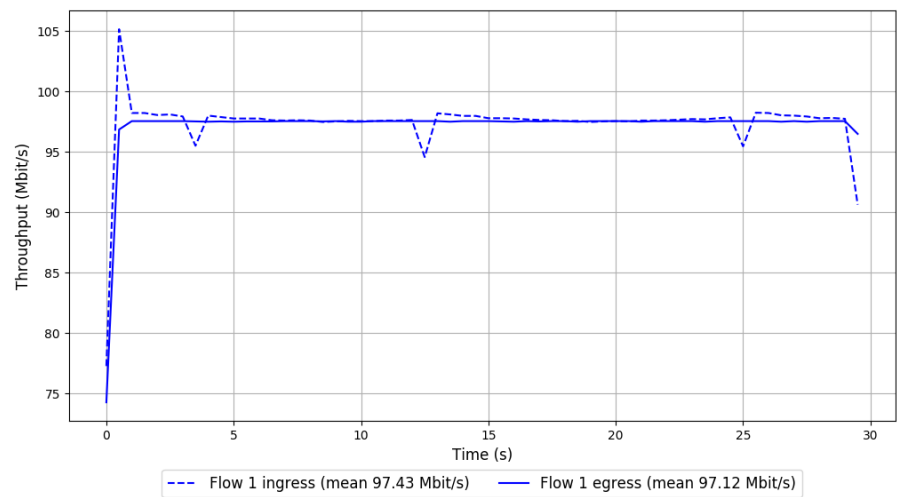
Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 29.577 ms

Loss rate: 0.19%



Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 22:21:36 +0000

End at: Mon, 24 Jul 2017 22:22:06 +0000

Local clock offset: 1.294 ms

Remote clock offset: -22.546 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 28.430 ms

Loss rate: 0.20%

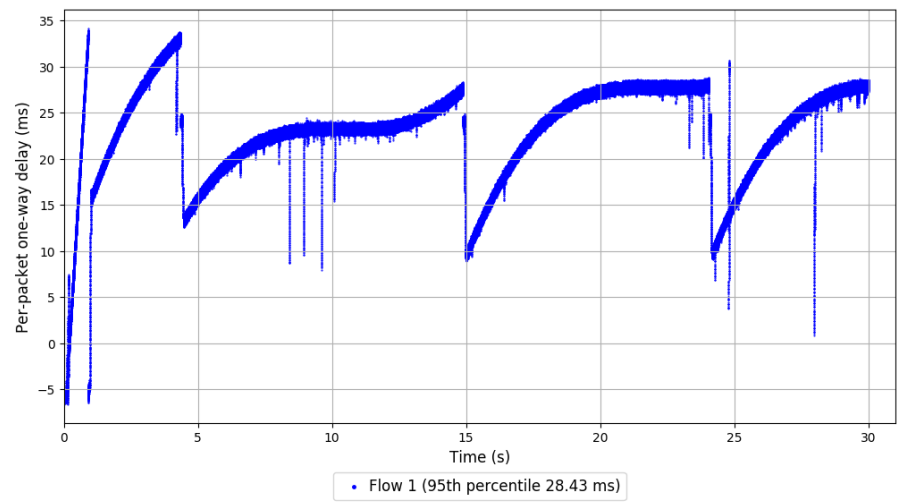
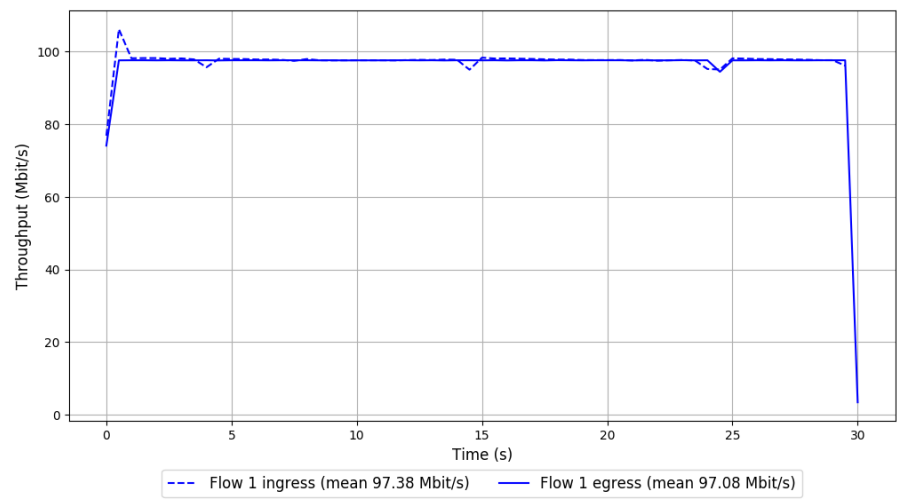
-- Flow 1:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 28.430 ms

Loss rate: 0.20%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 22:39:19 +0000

End at: Mon, 24 Jul 2017 22:39:49 +0000

Local clock offset: 3.999 ms

Remote clock offset: -21.356 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 28.867 ms

Loss rate: 0.21%

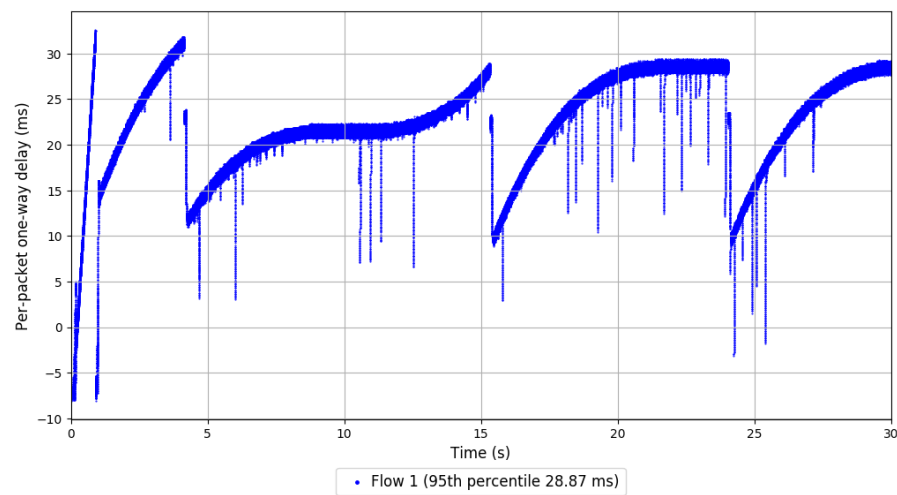
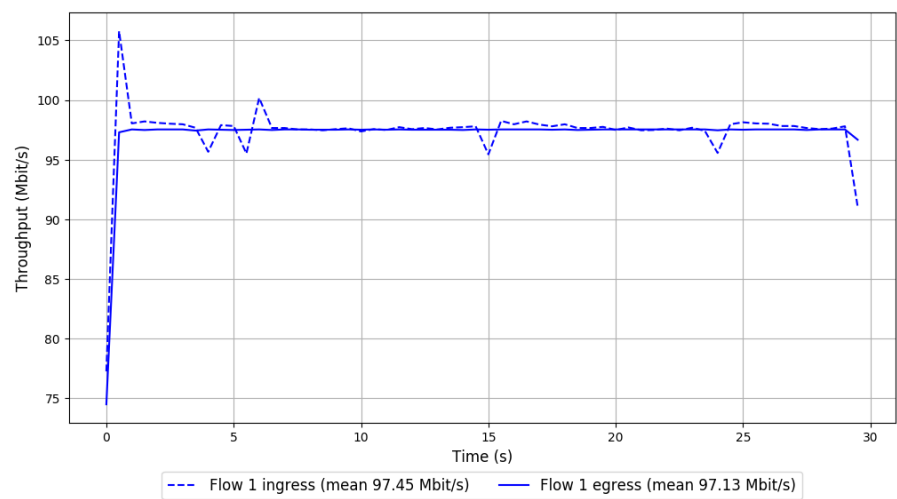
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 28.867 ms

Loss rate: 0.21%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

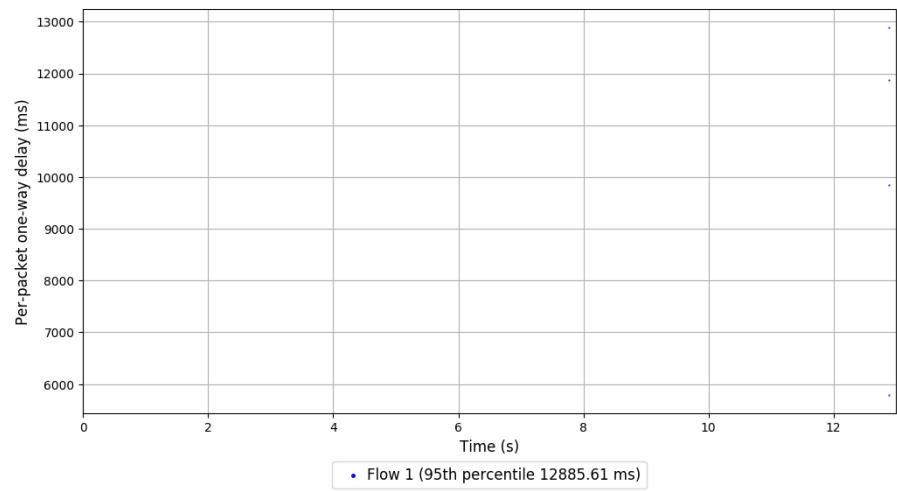
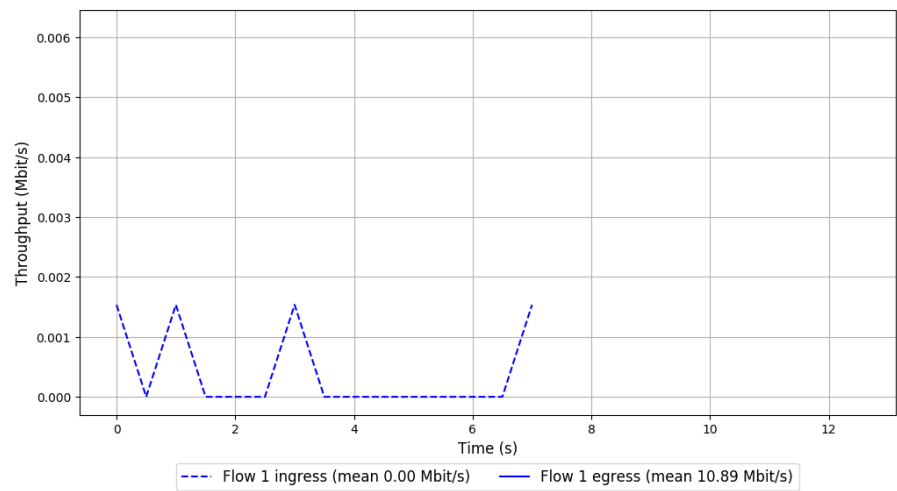
Start at: Mon, 24 Jul 2017 22:56:49 +0000

End at: Mon, 24 Jul 2017 22:57:19 +0000

Local clock offset: -1.134 ms

Remote clock offset: -22.313 ms

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 20:09:30 +0000

End at: Mon, 24 Jul 2017 20:10:00 +0000

Local clock offset: 1.278 ms

Remote clock offset: -24.61 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.01 Mbit/s

95th percentile per-packet one-way delay: -8.235 ms

Loss rate: 0.00%

-- Flow 1:

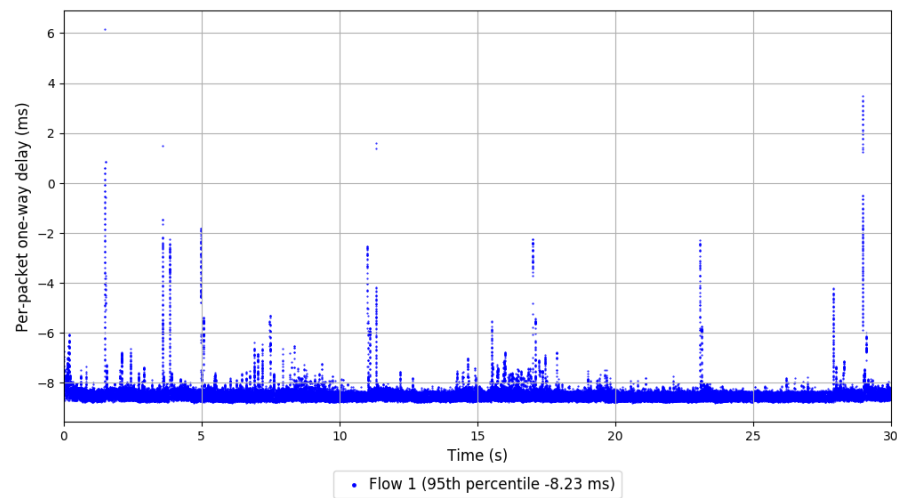
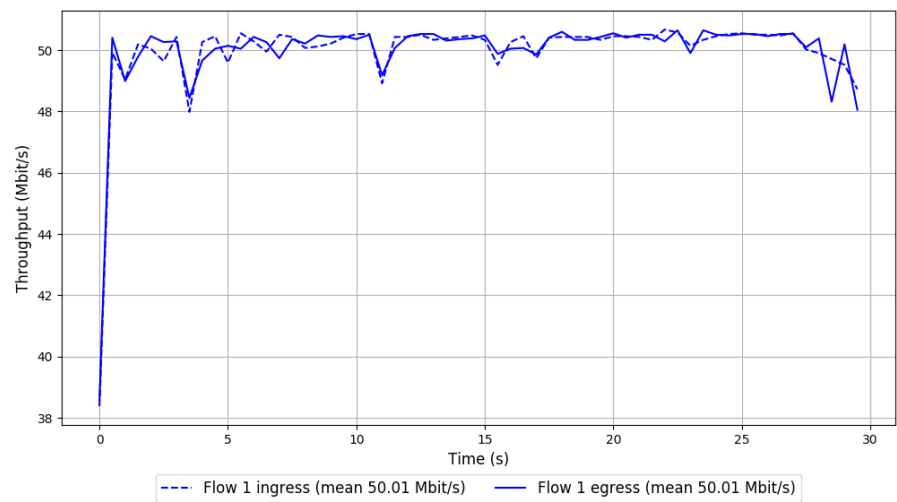
Average throughput: 50.01 Mbit/s

95th percentile per-packet one-way delay: -8.235 ms

Loss rate: 0.00%



Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

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

End at: Mon, 24 Jul 2017 20:27:57 +0000

Local clock offset: 2.463 ms

Remote clock offset: -23.622 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.30 Mbit/s

95th percentile per-packet one-way delay: -7.104 ms

Loss rate: 0.00%

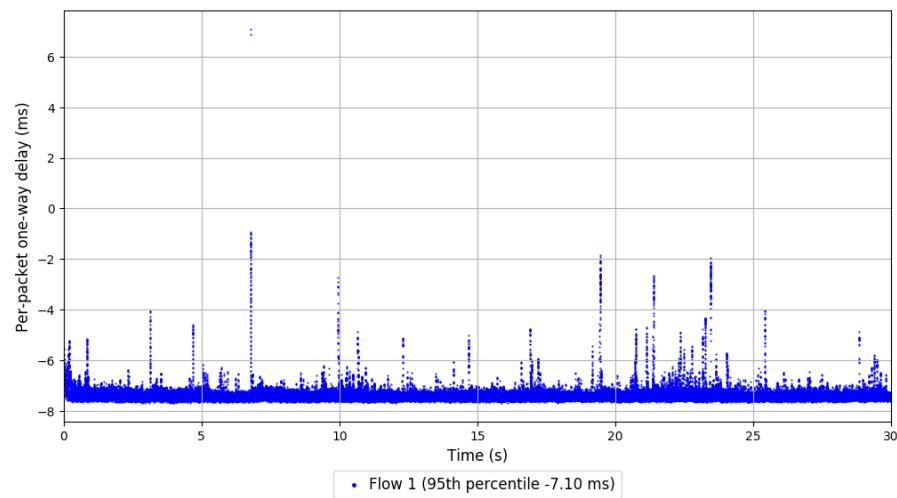
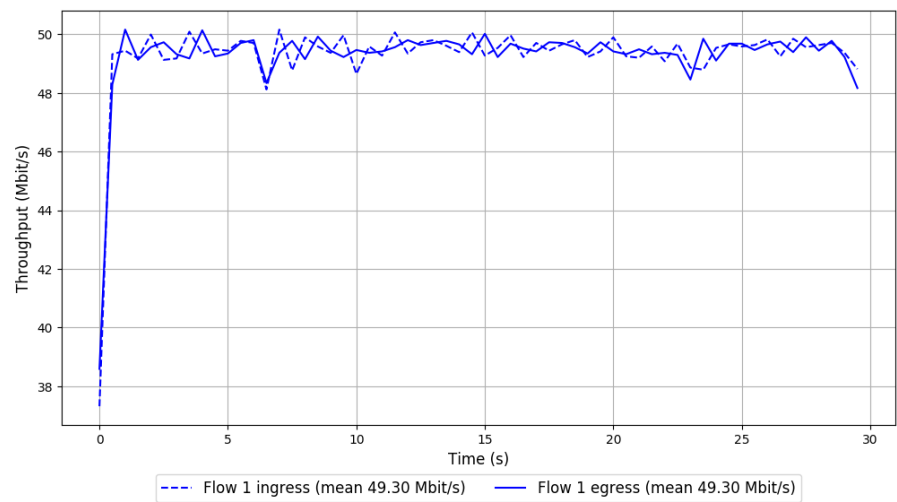
-- Flow 1:

Average throughput: 49.30 Mbit/s

95th percentile per-packet one-way delay: -7.104 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 20:45:24 +0000

End at: Mon, 24 Jul 2017 20:45:54 +0000

Local clock offset: 2.307 ms

Remote clock offset: -26.206 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.34 Mbit/s

95th percentile per-packet one-way delay: -8.668 ms

Loss rate: 0.00%

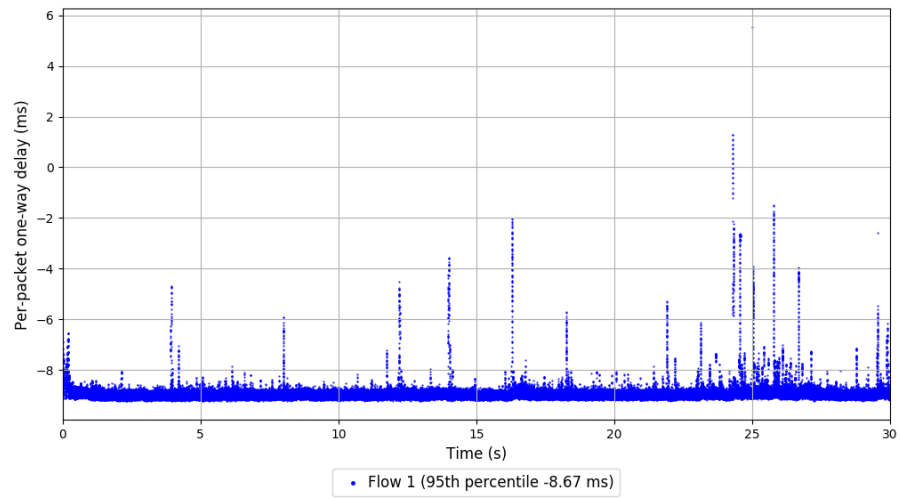
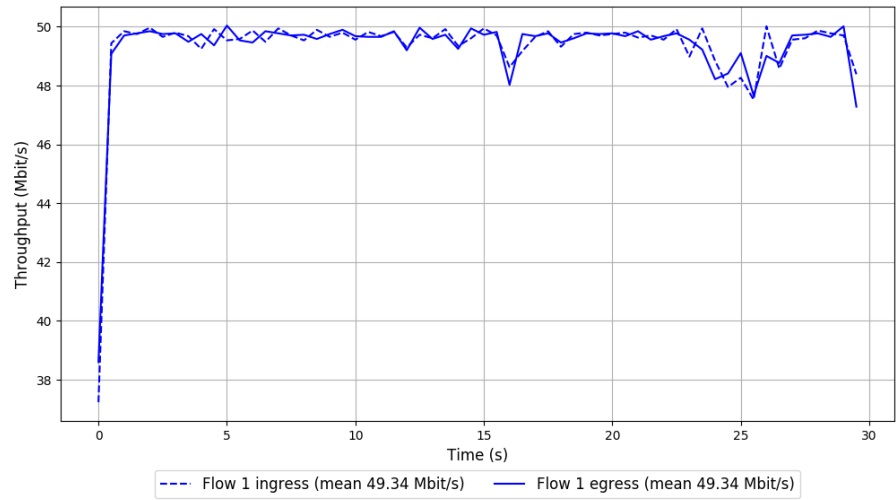
-- Flow 1:

Average throughput: 49.34 Mbit/s

95th percentile per-packet one-way delay: -8.668 ms

Loss rate: 0.00%

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



Run 4: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 21:03:04 +0000

End at: Mon, 24 Jul 2017 21:03:34 +0000

Local clock offset: 2.58 ms

Remote clock offset: -25.225 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.94 Mbit/s

95th percentile per-packet one-way delay: -7.760 ms

Loss rate: 0.00%

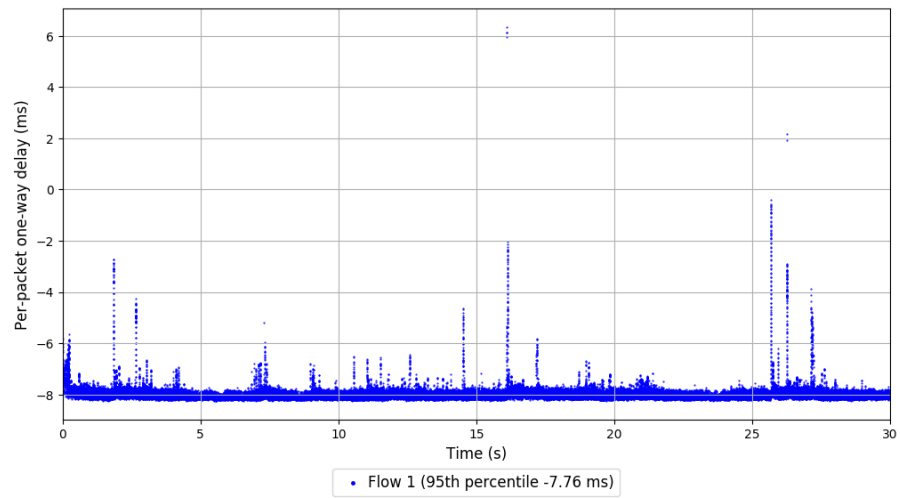
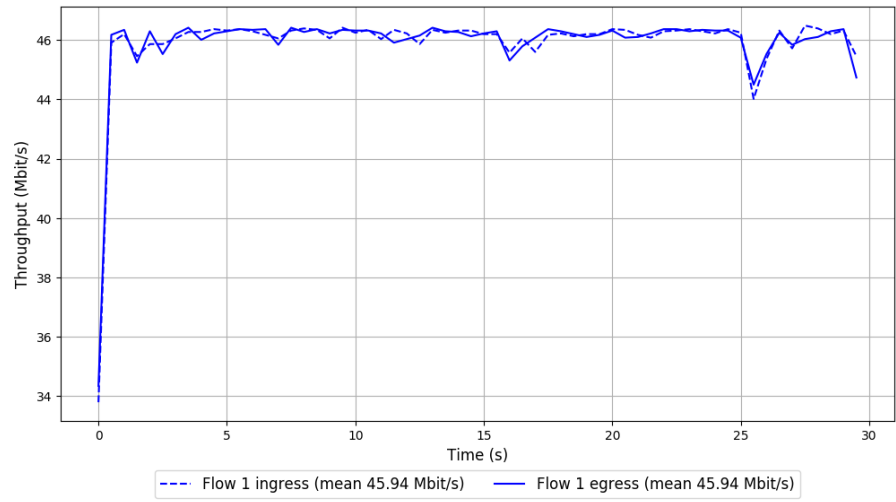
-- Flow 1:

Average throughput: 45.94 Mbit/s

95th percentile per-packet one-way delay: -7.760 ms

Loss rate: 0.00%

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



Run 5: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 21:20:52 +0000

End at: Mon, 24 Jul 2017 21:21:22 +0000

Local clock offset: 3.98 ms

Remote clock offset: -25.839 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: -9.113 ms

Loss rate: 0.01%

-- Flow 1:

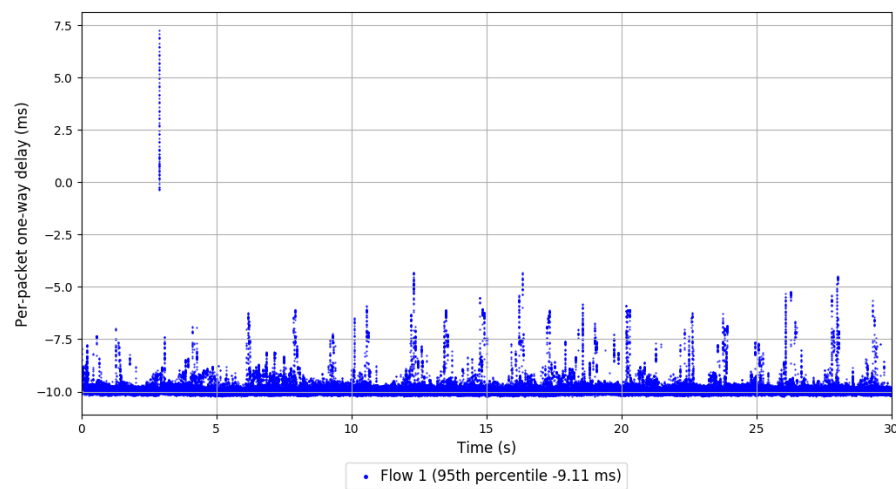
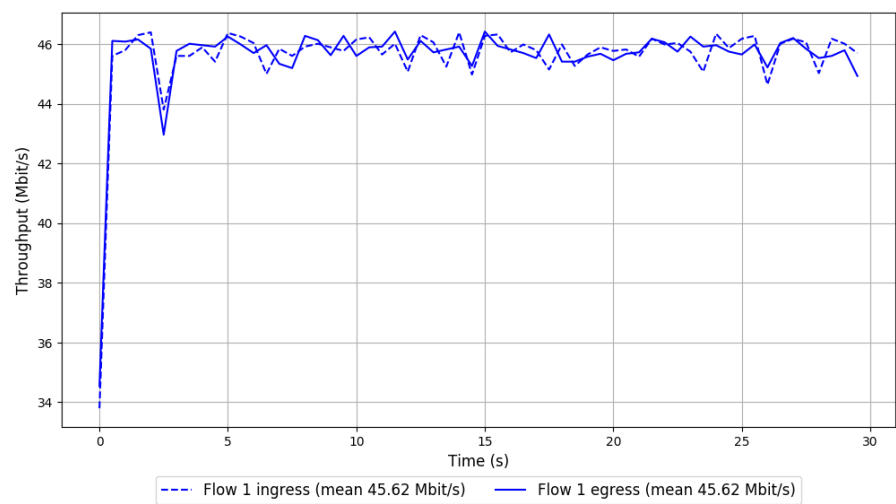
Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: -9.113 ms

Loss rate: 0.01%



Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 21:38:42 +0000

End at: Mon, 24 Jul 2017 21:39:12 +0000

Local clock offset: -0.961 ms

Remote clock offset: -25.318 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:41 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: -3.946 ms

Loss rate: 0.00%

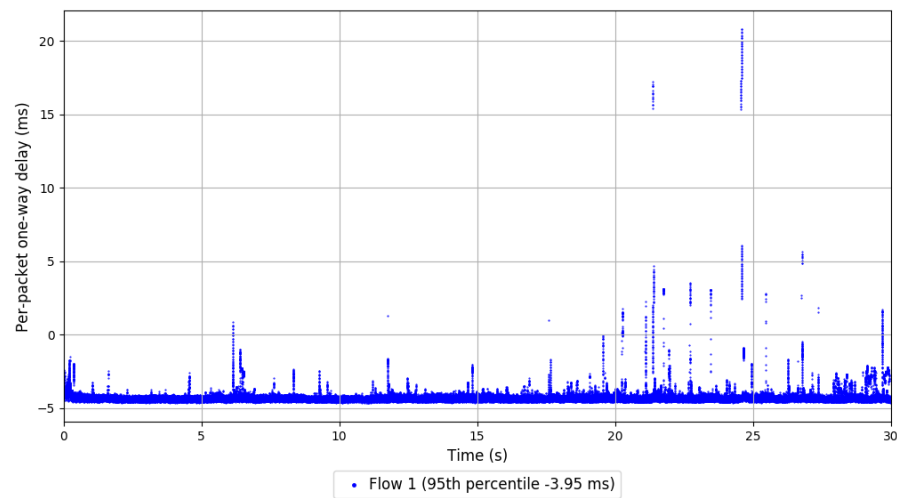
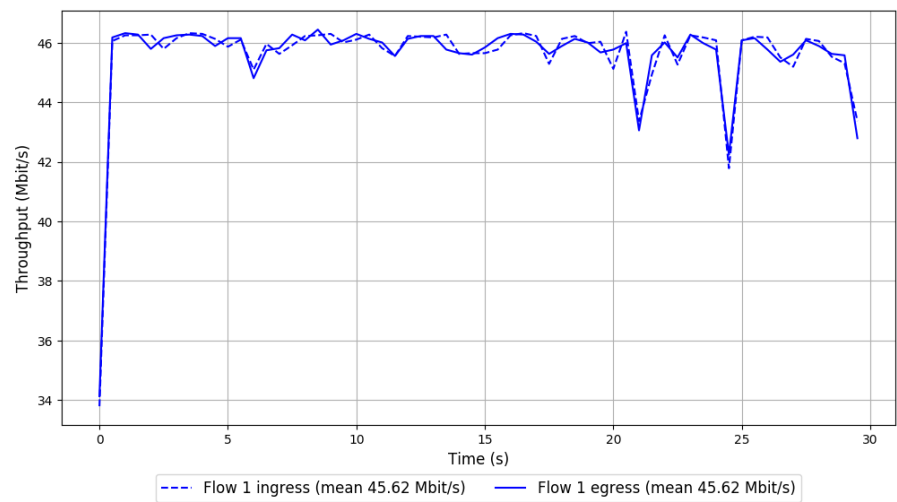
-- Flow 1:

Average throughput: 45.62 Mbit/s

95th percentile per-packet one-way delay: -3.946 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 21:56:26 +0000

End at: Mon, 24 Jul 2017 21:56:56 +0000

Local clock offset: 0.115 ms

Remote clock offset: -24.425 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.77 Mbit/s

95th percentile per-packet one-way delay: -3.627 ms

Loss rate: 0.00%

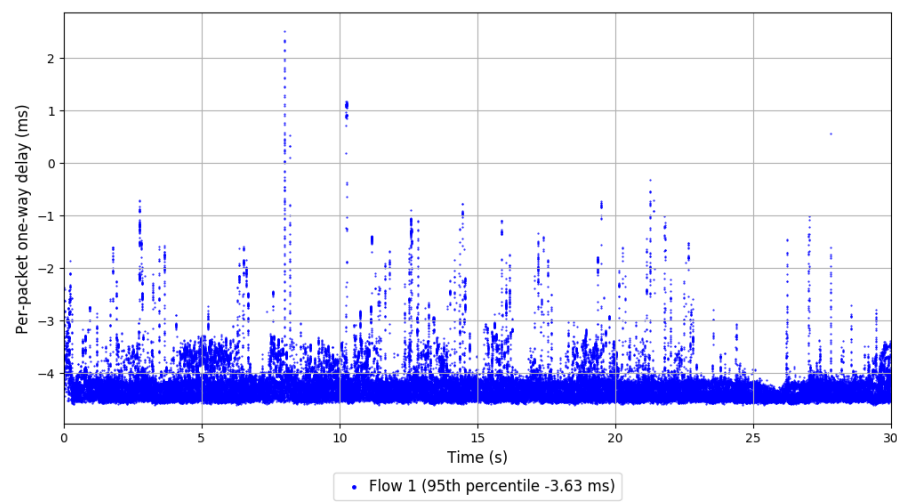
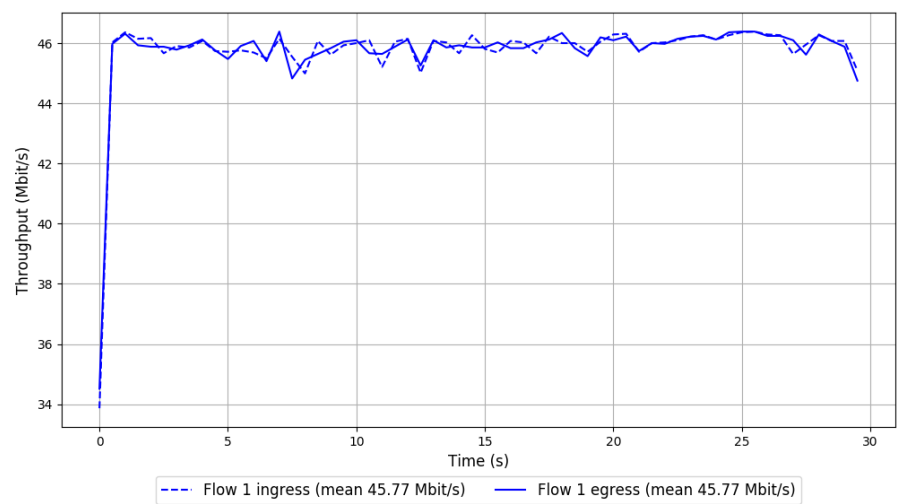
-- Flow 1:

Average throughput: 45.77 Mbit/s

95th percentile per-packet one-way delay: -3.627 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 22:14:26 +0000

End at: Mon, 24 Jul 2017 22:14:56 +0000

Local clock offset: -0.3 ms

Remote clock offset: -23.444 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.95 Mbit/s

95th percentile per-packet one-way delay: -4.645 ms

Loss rate: 0.00%

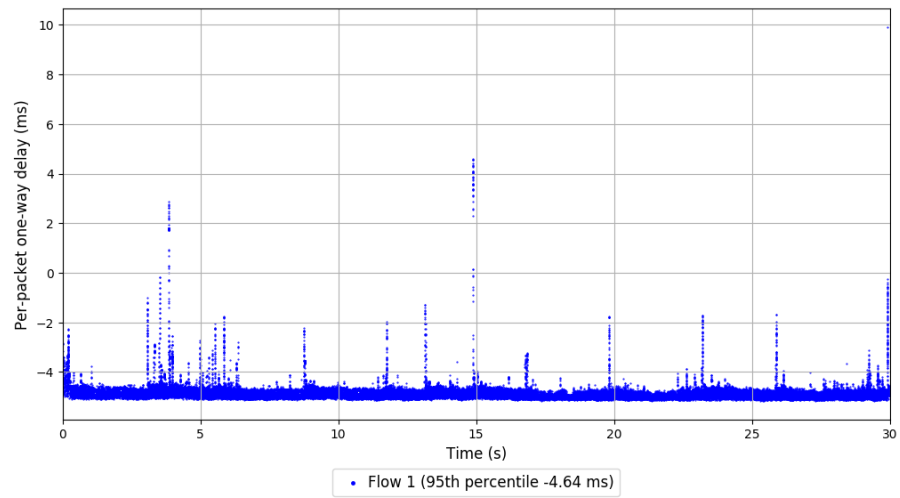
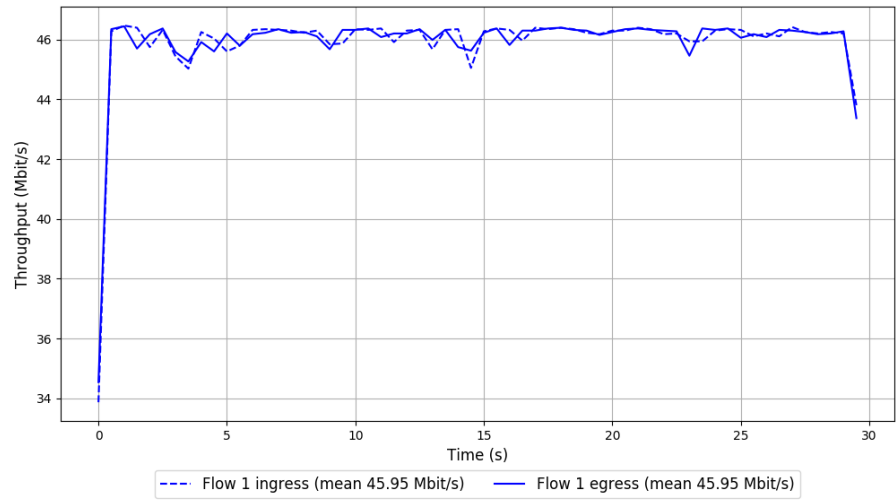
-- Flow 1:

Average throughput: 45.95 Mbit/s

95th percentile per-packet one-way delay: -4.645 ms

Loss rate: 0.00%

# Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 22:32:22 +0000

End at: Mon, 24 Jul 2017 22:32:52 +0000

Local clock offset: 4.317 ms

Remote clock offset: -22.95 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.92 Mbit/s

95th percentile per-packet one-way delay: -9.822 ms

Loss rate: 0.01%

-- Flow 1:

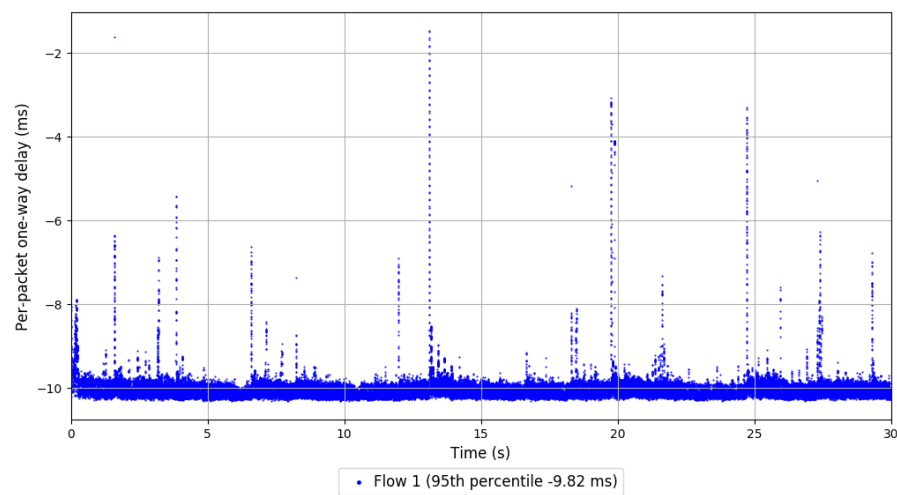
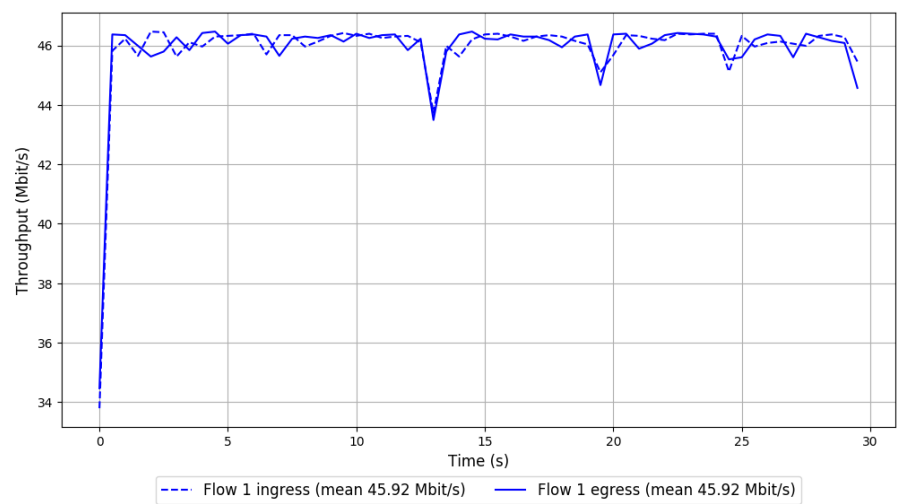
Average throughput: 45.92 Mbit/s

95th percentile per-packet one-way delay: -9.822 ms

Loss rate: 0.01%



Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 22:49:55 +0000

End at: Mon, 24 Jul 2017 22:50:26 +0000

Local clock offset: -0.851 ms

Remote clock offset: -23.994 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.01 Mbit/s

95th percentile per-packet one-way delay: -5.107 ms

Loss rate: 0.00%

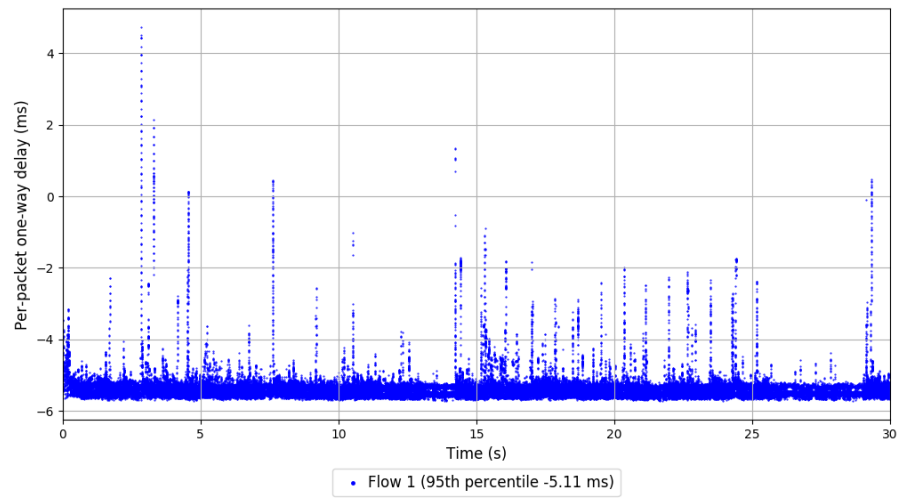
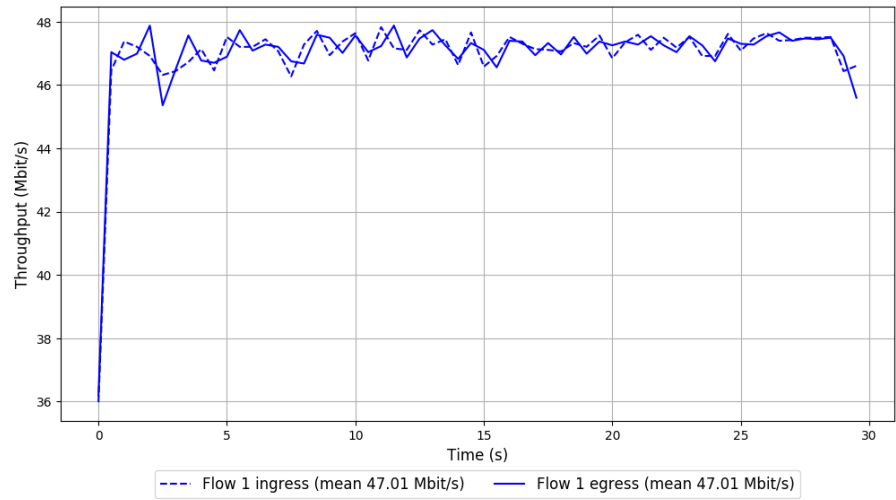
-- Flow 1:

Average throughput: 47.01 Mbit/s

95th percentile per-packet one-way delay: -5.107 ms

Loss rate: 0.00%

# Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 20:08:25 +0000

End at: Mon, 24 Jul 2017 20:08:55 +0000

Local clock offset: 2.362 ms

Remote clock offset: -24.169 ms

Run 1: Report of LEDBAT — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 20:26:22 +0000

End at: Mon, 24 Jul 2017 20:26:52 +0000

Local clock offset: 2.955 ms

Remote clock offset: -24.365 ms

Run 2: Report of LEDBAT — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 20:44:19 +0000

End at: Mon, 24 Jul 2017 20:44:49 +0000

Local clock offset: 1.442 ms

Remote clock offset: -25.641 ms



Run 3: Report of LEDBAT — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 21:01:48 +0000

End at: Mon, 24 Jul 2017 21:02:18 +0000

Local clock offset: 3.686 ms

Remote clock offset: -26.254 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.72 Mbit/s

95th percentile per-packet one-way delay: 27.280 ms

Loss rate: 0.20%

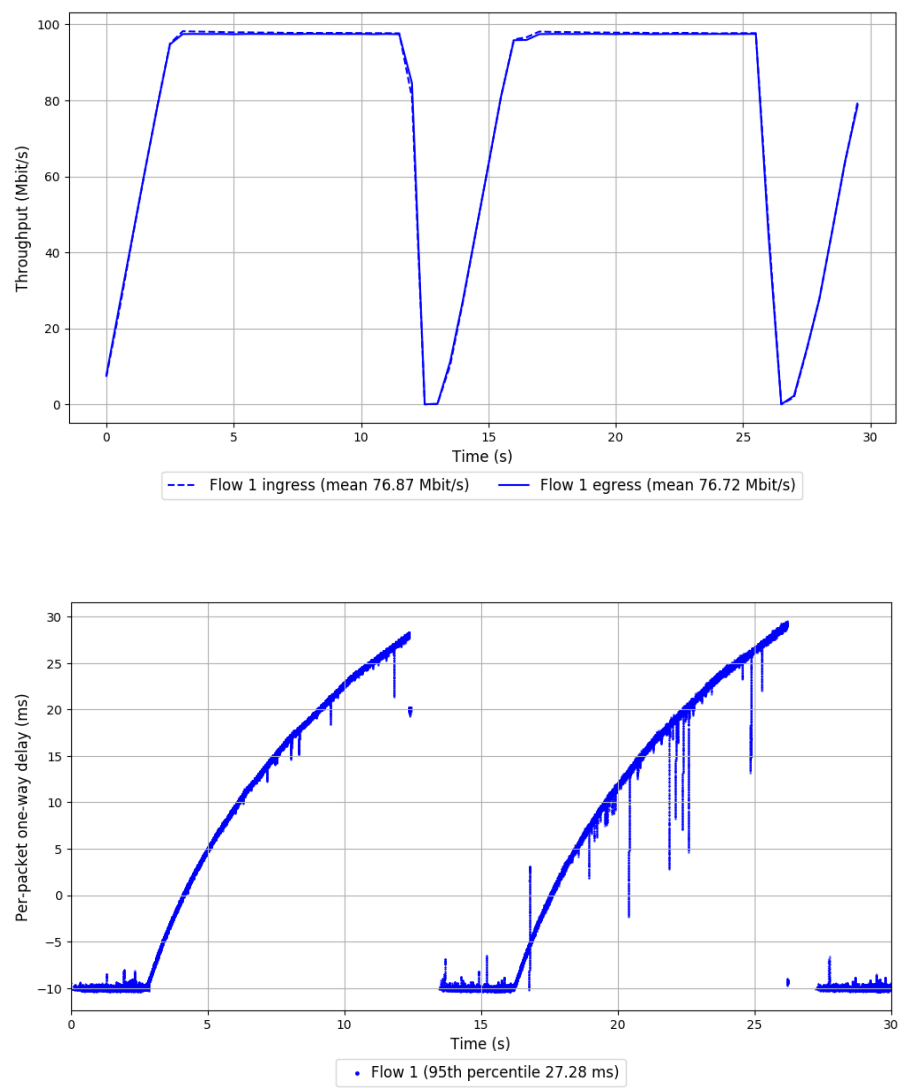
-- Flow 1:

Average throughput: 76.72 Mbit/s

95th percentile per-packet one-way delay: 27.280 ms

Loss rate: 0.20%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 21:19:48 +0000

End at: Mon, 24 Jul 2017 21:20:18 +0000

Local clock offset: 0.626 ms

Remote clock offset: -24.648 ms

Run 5: Report of LEDBAT — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 21:37:37 +0000

End at: Mon, 24 Jul 2017 21:38:07 +0000

Local clock offset: 1.787 ms

Remote clock offset: -25.964 ms

Run 6: Report of LEDBAT — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 21:55:14 +0000

End at: Mon, 24 Jul 2017 21:55:44 +0000

Local clock offset: -1.473 ms

Remote clock offset: -25.25 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.46 Mbit/s

95th percentile per-packet one-way delay: 30.429 ms

Loss rate: 0.05%

-- Flow 1:

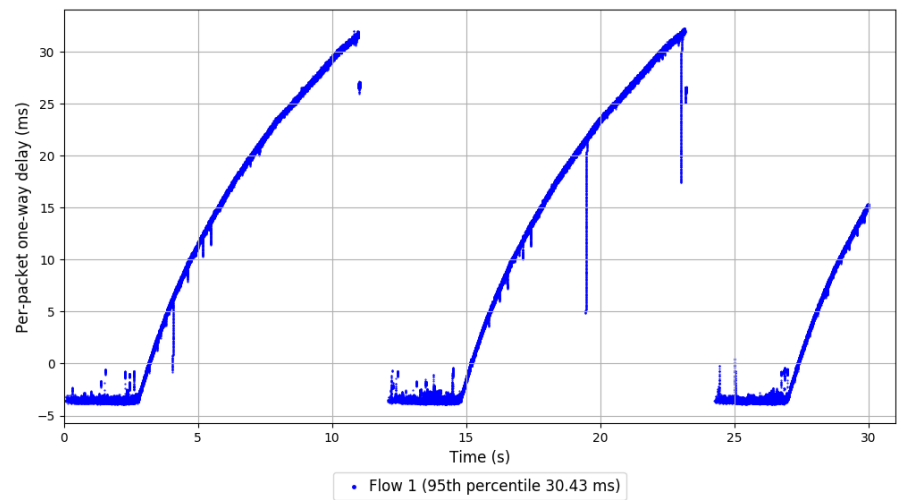
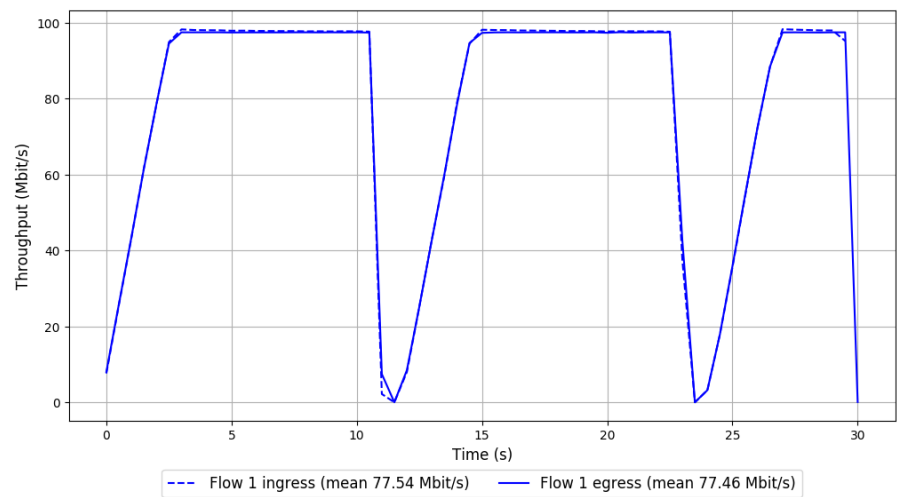
Average throughput: 77.46 Mbit/s

95th percentile per-packet one-way delay: 30.429 ms

Loss rate: 0.05%



Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 22:13:13 +0000

End at: Mon, 24 Jul 2017 22:13:43 +0000

Local clock offset: 3.688 ms

Remote clock offset: -23.259 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.02 Mbit/s

95th percentile per-packet one-way delay: 28.065 ms

Loss rate: 0.07%

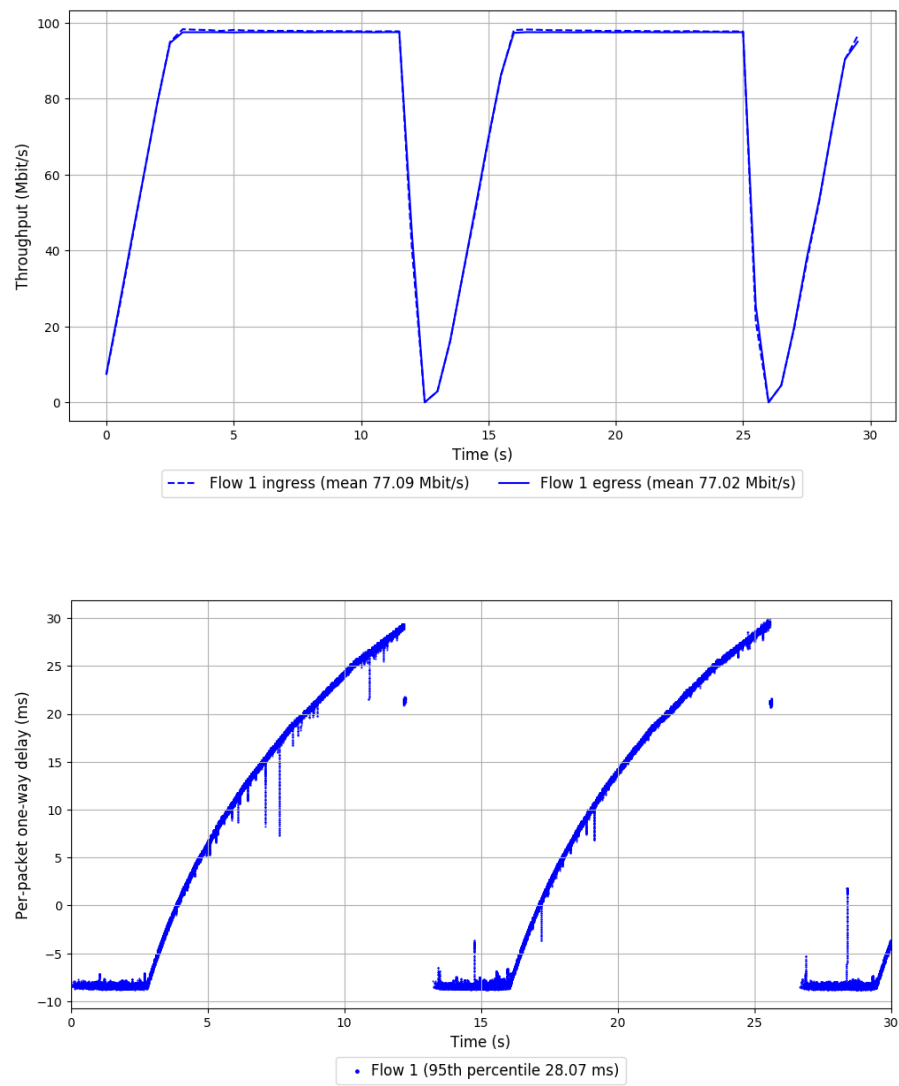
-- Flow 1:

Average throughput: 77.02 Mbit/s

95th percentile per-packet one-way delay: 28.065 ms

Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 22:31:08 +0000

End at: Mon, 24 Jul 2017 22:31:38 +0000

Local clock offset: 4.584 ms

Remote clock offset: -21.291 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.12 Mbit/s

95th percentile per-packet one-way delay: 25.840 ms

Loss rate: 0.05%

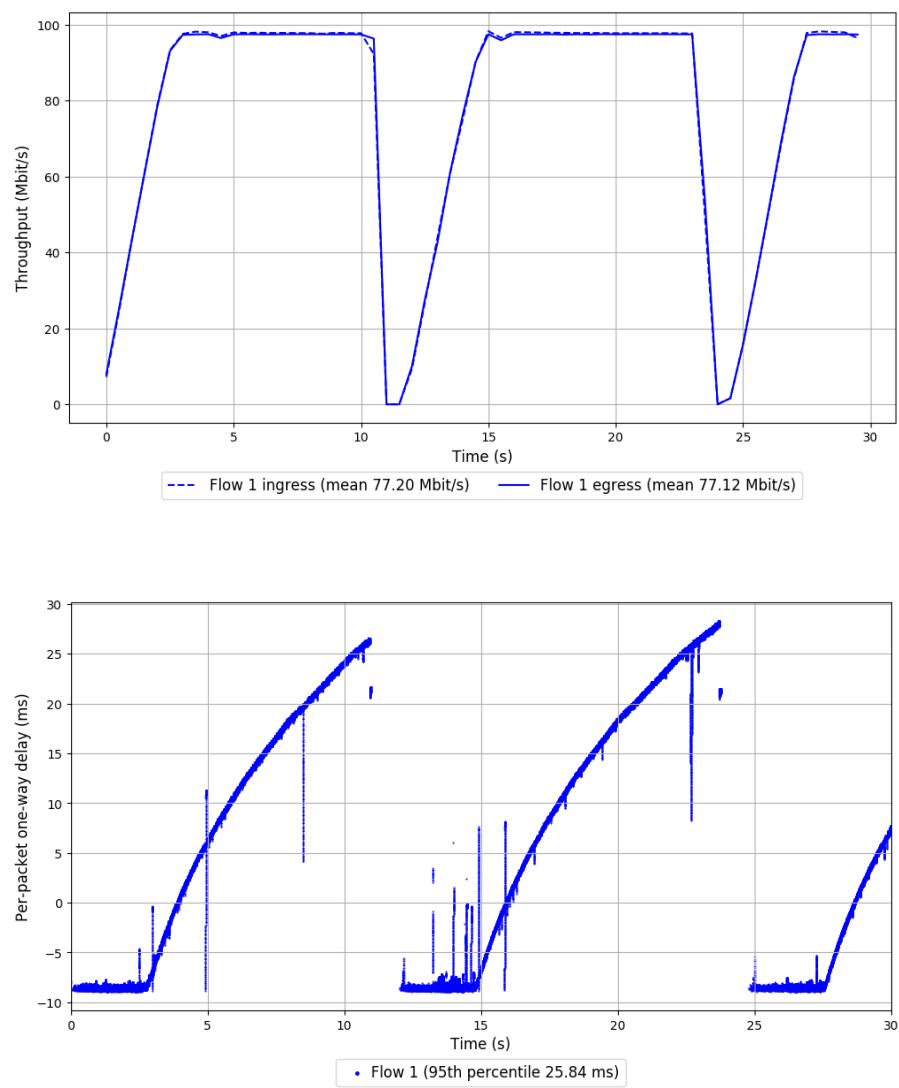
-- Flow 1:

Average throughput: 77.12 Mbit/s

95th percentile per-packet one-way delay: 25.840 ms

Loss rate: 0.05%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 22:48:44 +0000

End at: Mon, 24 Jul 2017 22:49:14 +0000

Local clock offset: 2.14 ms

Remote clock offset: -23.719 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:24 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.12 Mbit/s

95th percentile per-packet one-way delay: 26.089 ms

Loss rate: 0.05%

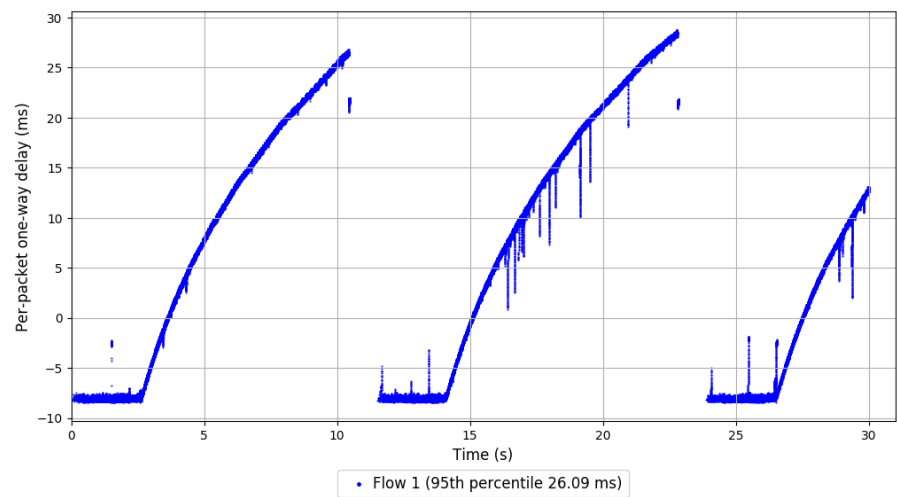
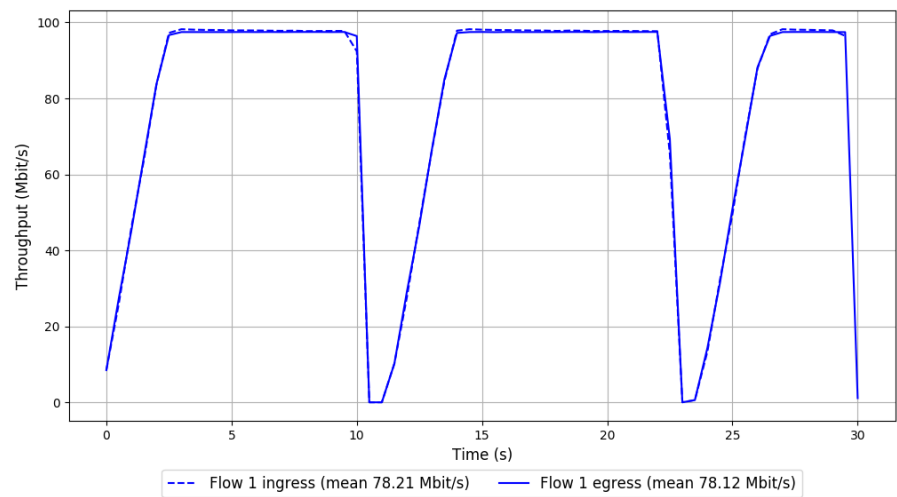
-- Flow 1:

Average throughput: 78.12 Mbit/s

95th percentile per-packet one-way delay: 26.089 ms

Loss rate: 0.05%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Mon, 24 Jul 2017 20:13:11 +0000

End at: Mon, 24 Jul 2017 20:13:41 +0000

Local clock offset: 0.712 ms

Remote clock offset: -23.9 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.13 Mbit/s

95th percentile per-packet one-way delay: -2.272 ms

Loss rate: 0.26%

-- Flow 1:

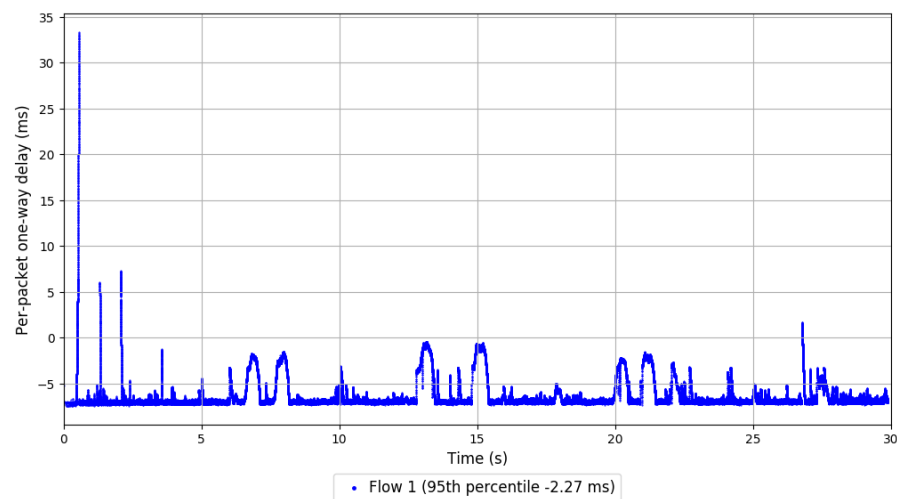
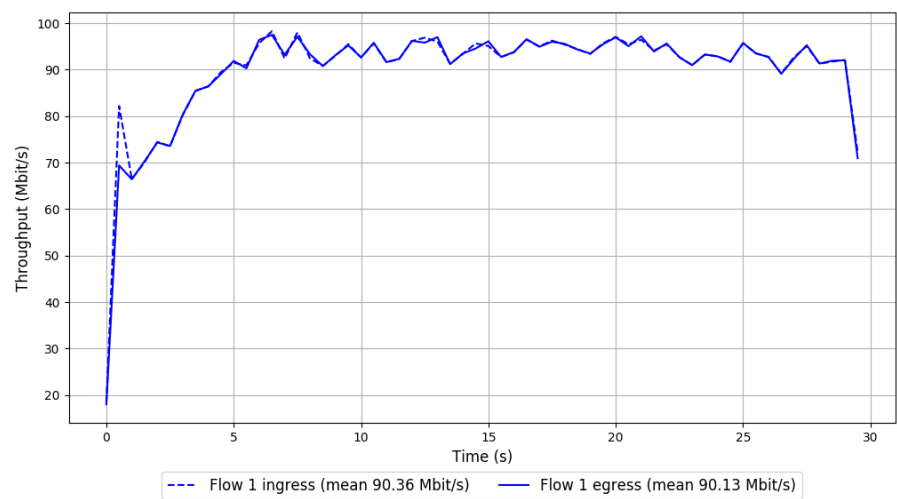
Average throughput: 90.13 Mbit/s

95th percentile per-packet one-way delay: -2.272 ms

Loss rate: 0.26%



Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Mon, 24 Jul 2017 20:31:13 +0000

End at: Mon, 24 Jul 2017 20:31:43 +0000

Local clock offset: -2.196 ms

Remote clock offset: -22.195 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.38 Mbit/s

95th percentile per-packet one-way delay: 1.743 ms

Loss rate: 0.26%

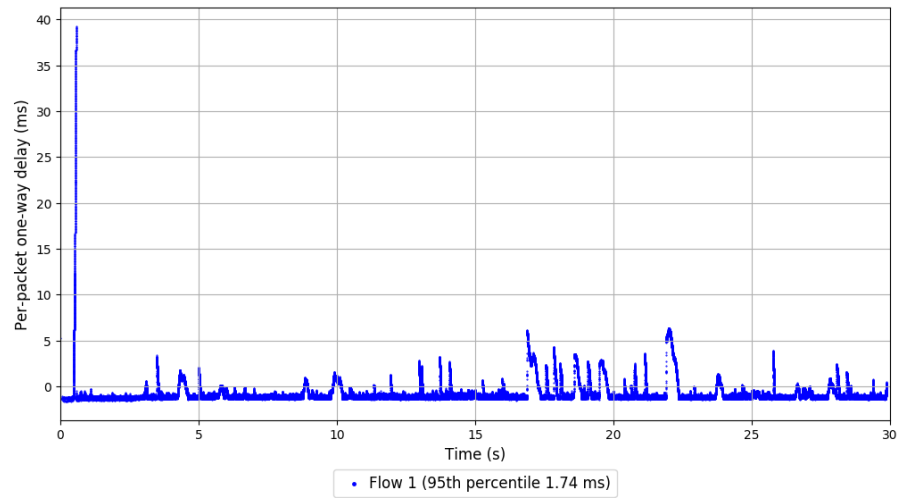
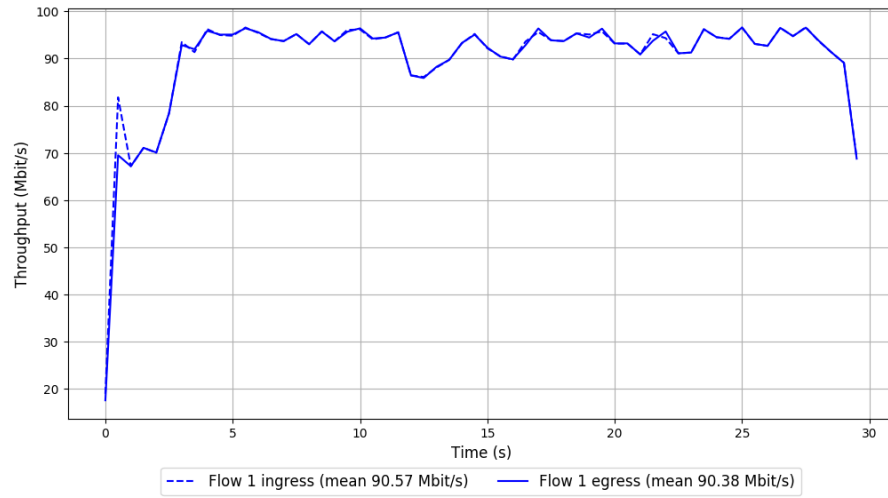
-- Flow 1:

Average throughput: 90.38 Mbit/s

95th percentile per-packet one-way delay: 1.743 ms

Loss rate: 0.26%

## Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Mon, 24 Jul 2017 20:49:04 +0000

End at: Mon, 24 Jul 2017 20:49:34 +0000

Local clock offset: -1.467 ms

Remote clock offset: -25.631 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.16 Mbit/s

95th percentile per-packet one-way delay: -0.833 ms

Loss rate: 0.27%

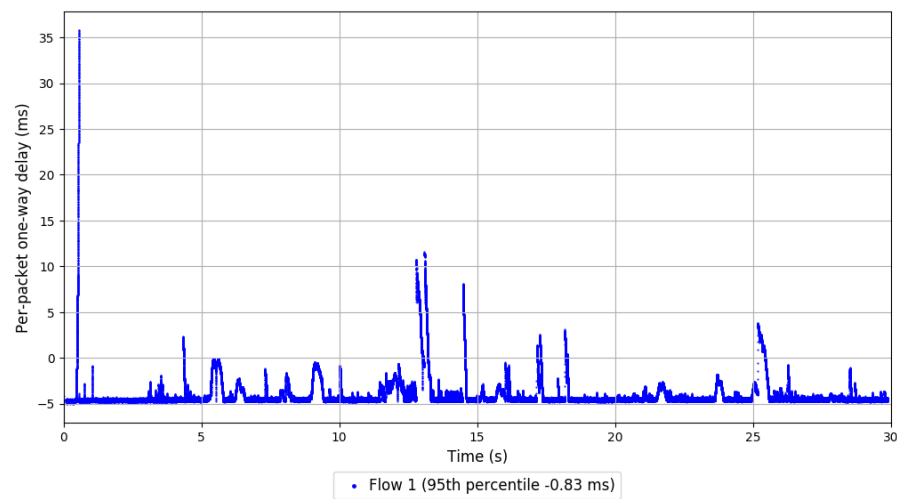
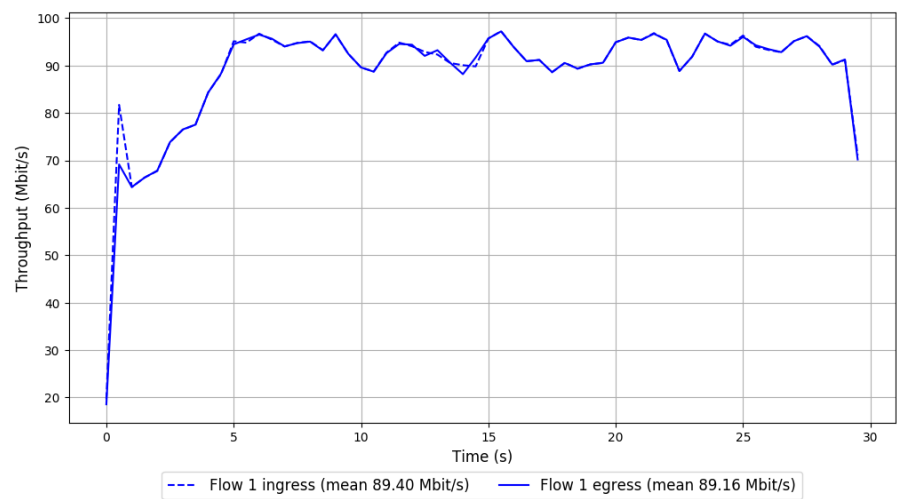
-- Flow 1:

Average throughput: 89.16 Mbit/s

95th percentile per-packet one-way delay: -0.833 ms

Loss rate: 0.27%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Mon, 24 Jul 2017 21:06:41 +0000

End at: Mon, 24 Jul 2017 21:07:11 +0000

Local clock offset: -1.1 ms

Remote clock offset: -26.633 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.42 Mbit/s

95th percentile per-packet one-way delay: 0.771 ms

Loss rate: 0.27%

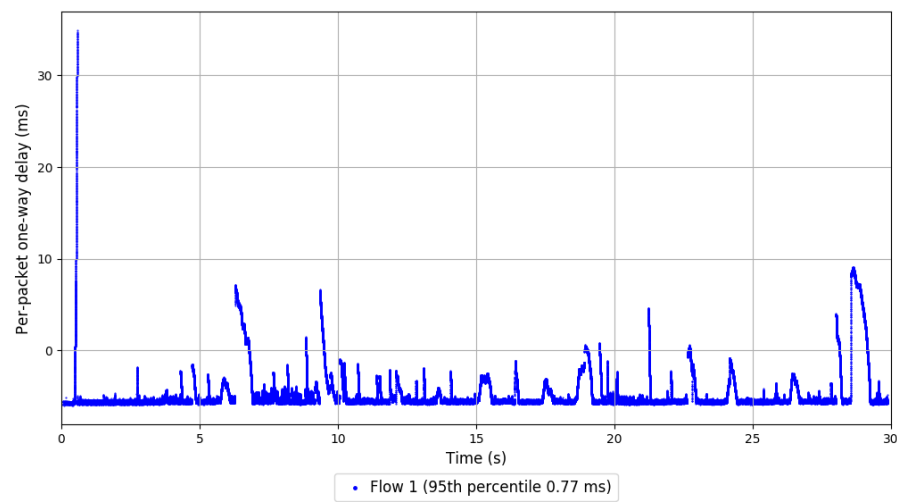
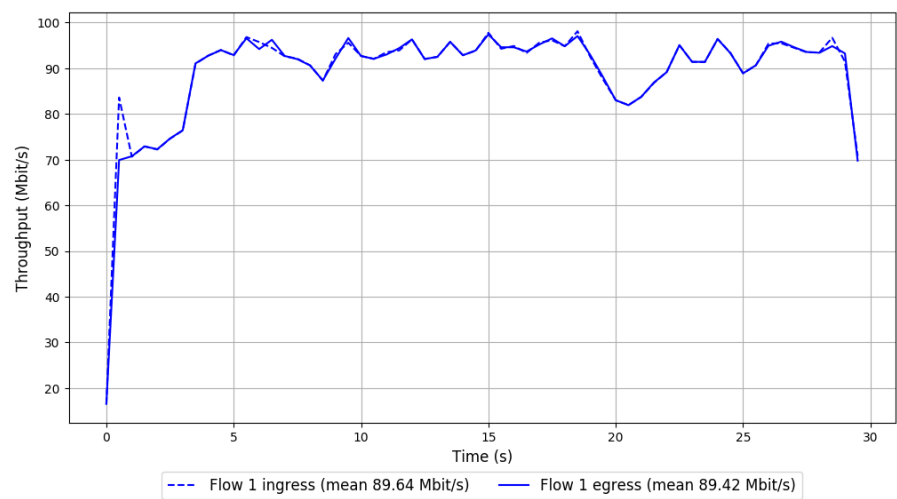
-- Flow 1:

Average throughput: 89.42 Mbit/s

95th percentile per-packet one-way delay: 0.771 ms

Loss rate: 0.27%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Mon, 24 Jul 2017 21:24:33 +0000

End at: Mon, 24 Jul 2017 21:25:03 +0000

Local clock offset: 2.774 ms

Remote clock offset: -25.147 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.21 Mbit/s

95th percentile per-packet one-way delay: -3.299 ms

Loss rate: 0.26%

-- Flow 1:

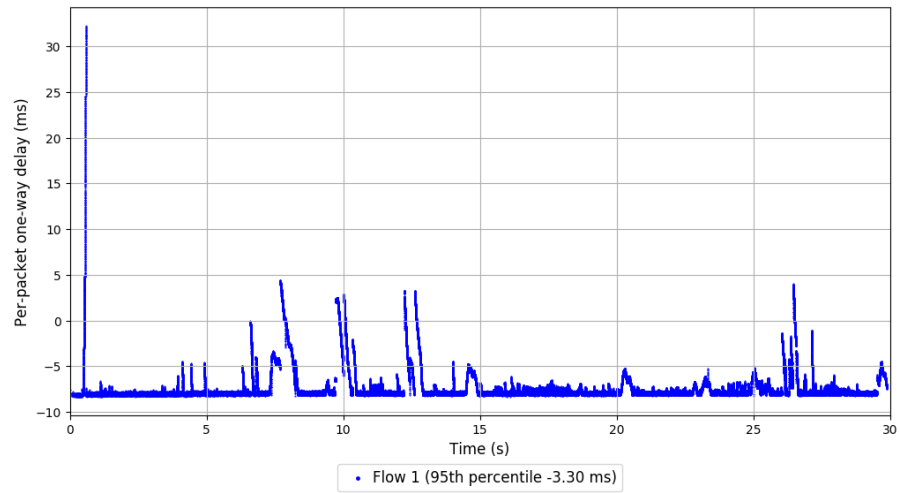
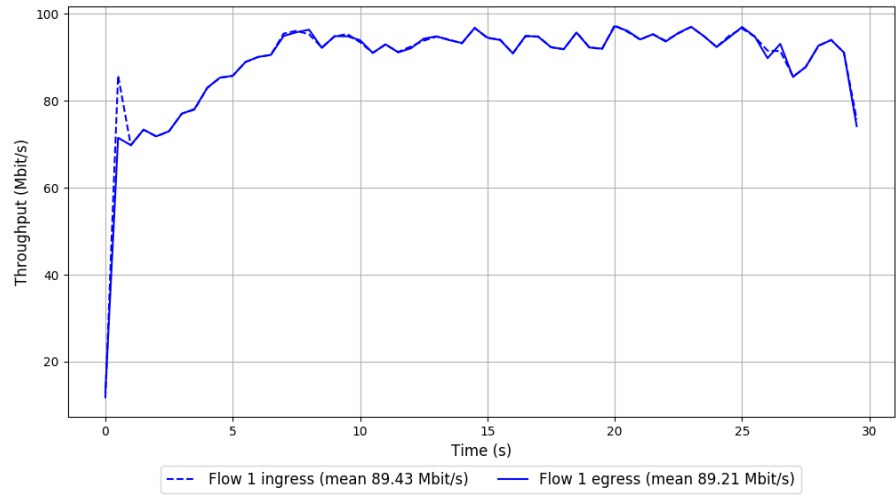
Average throughput: 89.21 Mbit/s

95th percentile per-packet one-way delay: -3.299 ms

Loss rate: 0.26%



### Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Mon, 24 Jul 2017 21:42:21 +0000

End at: Mon, 24 Jul 2017 21:42:51 +0000

Local clock offset: 0.151 ms

Remote clock offset: -25.483 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.31 Mbit/s

95th percentile per-packet one-way delay: -1.096 ms

Loss rate: 0.26%

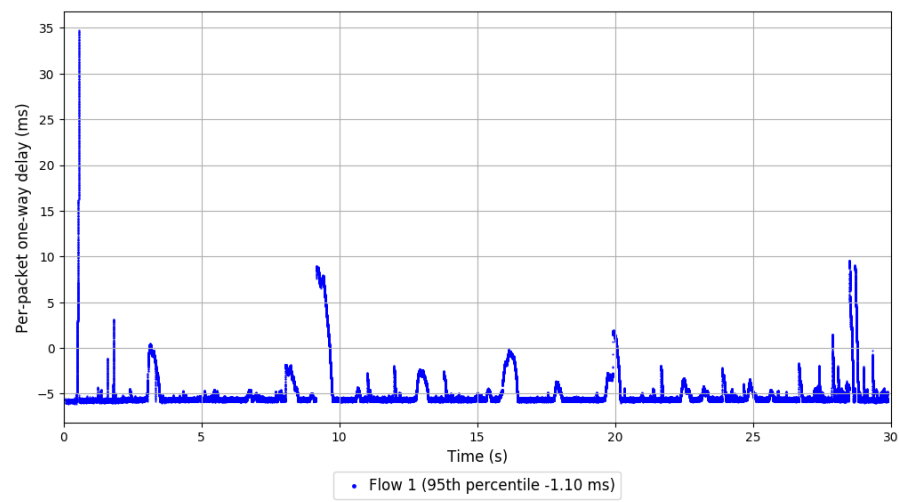
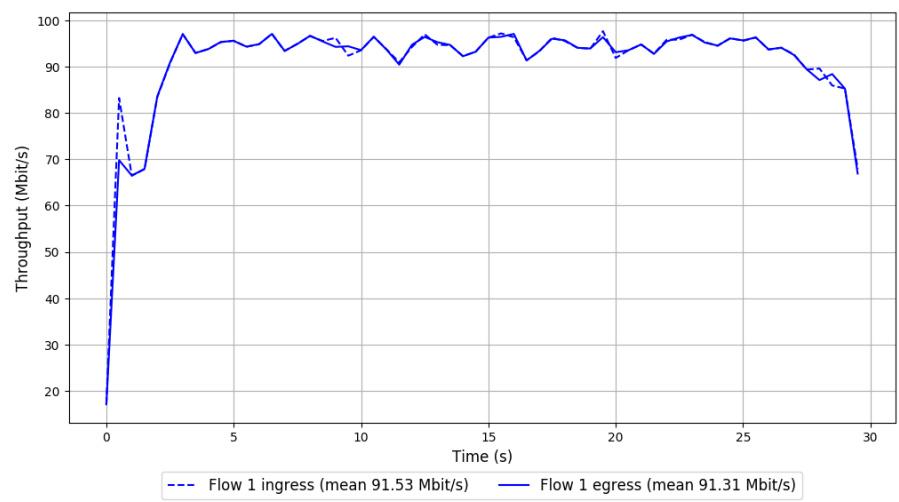
-- Flow 1:

Average throughput: 91.31 Mbit/s

95th percentile per-packet one-way delay: -1.096 ms

Loss rate: 0.26%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Mon, 24 Jul 2017 22:00:03 +0000

End at: Mon, 24 Jul 2017 22:00:33 +0000

Local clock offset: 4.528 ms

Remote clock offset: -26.272 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.31 Mbit/s

95th percentile per-packet one-way delay: -4.776 ms

Loss rate: 0.26%

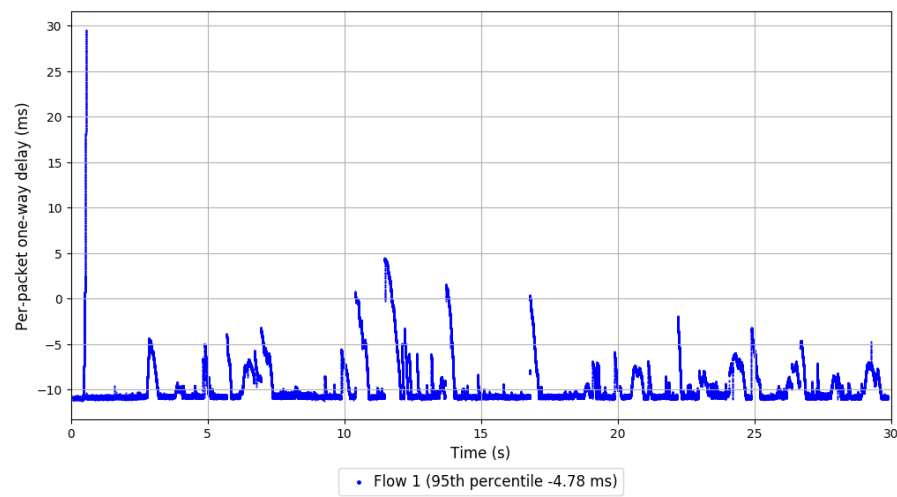
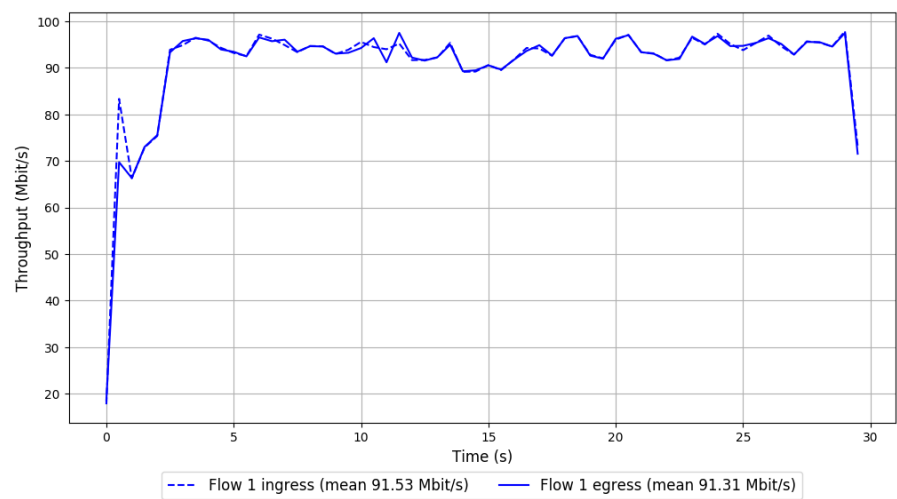
-- Flow 1:

Average throughput: 91.31 Mbit/s

95th percentile per-packet one-way delay: -4.776 ms

Loss rate: 0.26%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Mon, 24 Jul 2017 22:18:04 +0000

End at: Mon, 24 Jul 2017 22:18:34 +0000

Local clock offset: 2.11 ms

Remote clock offset: -23.116 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.35 Mbit/s

95th percentile per-packet one-way delay: 2.065 ms

Loss rate: 0.29%

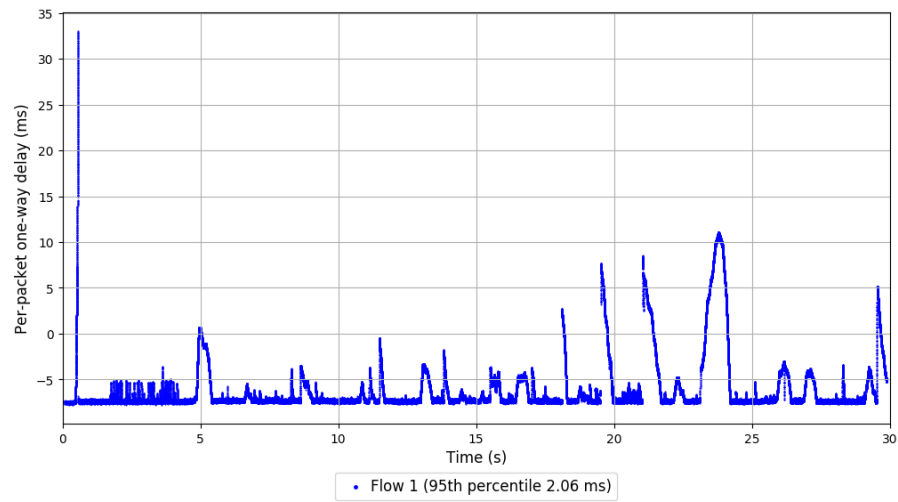
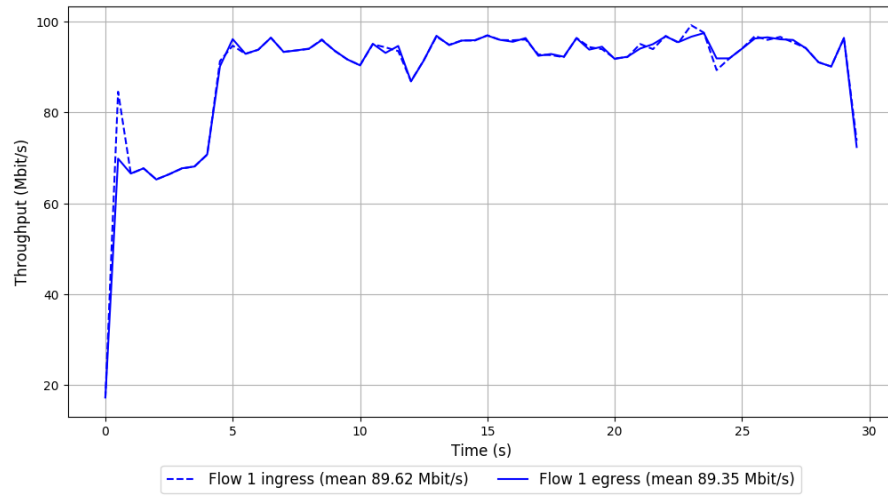
-- Flow 1:

Average throughput: 89.35 Mbit/s

95th percentile per-packet one-way delay: 2.065 ms

Loss rate: 0.29%

## Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Mon, 24 Jul 2017 22:35:58 +0000

End at: Mon, 24 Jul 2017 22:36:28 +0000

Local clock offset: 1.565 ms

Remote clock offset: -20.74 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.00 Mbit/s

95th percentile per-packet one-way delay: 0.680 ms

Loss rate: 0.31%

-- Flow 1:

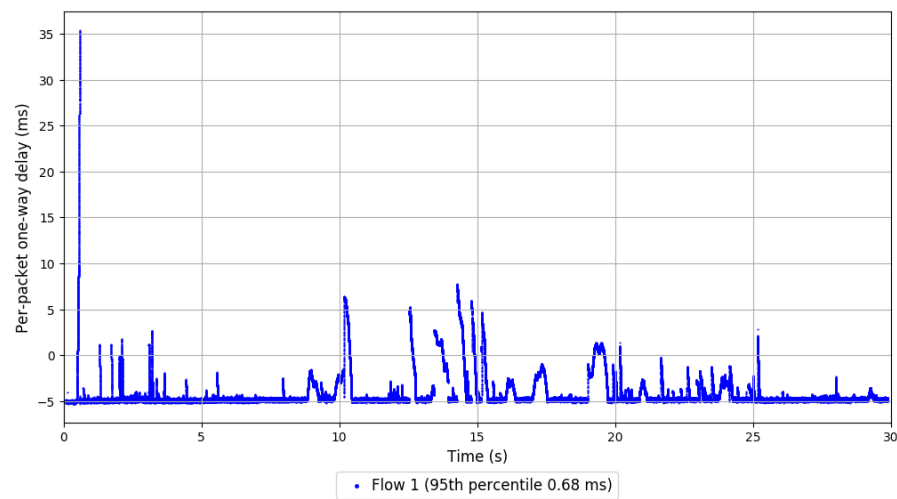
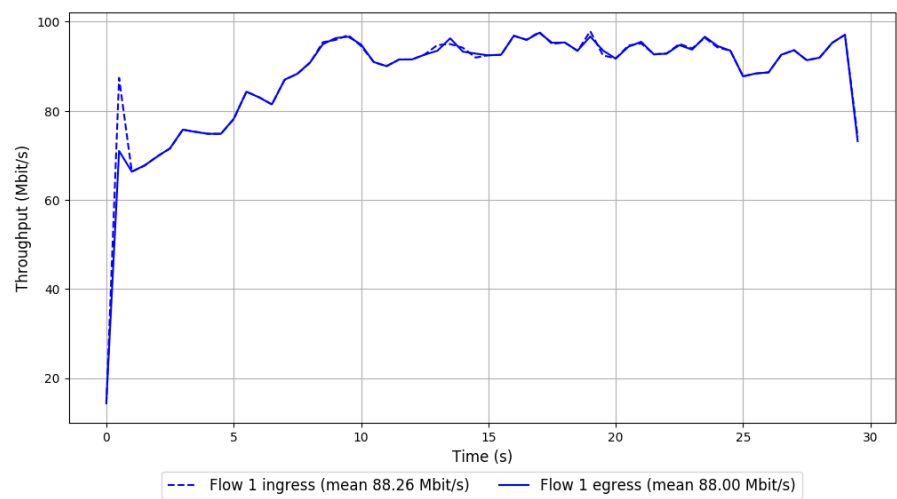
Average throughput: 88.00 Mbit/s

95th percentile per-packet one-way delay: 0.680 ms

Loss rate: 0.31%



Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Mon, 24 Jul 2017 22:53:26 +0000

End at: Mon, 24 Jul 2017 22:53:56 +0000

Local clock offset: 4.885 ms

Remote clock offset: -21.984 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.04 Mbit/s

95th percentile per-packet one-way delay: 3.766 ms

Loss rate: 0.25%

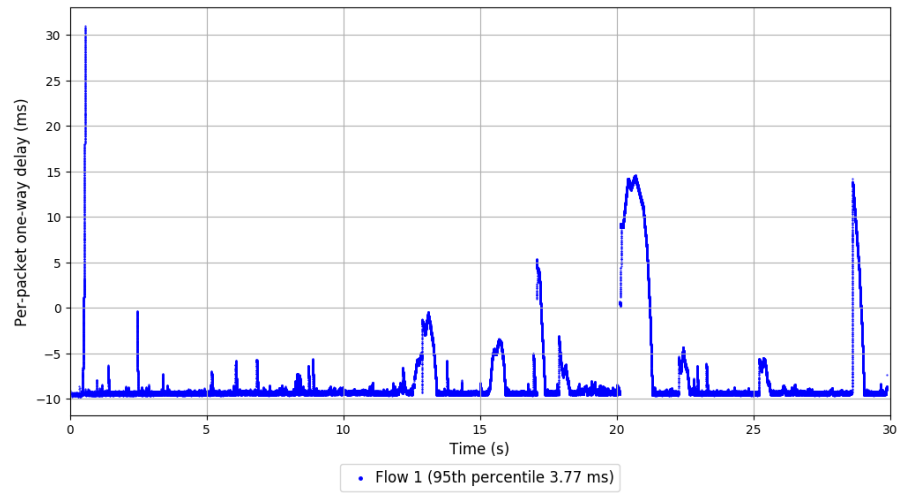
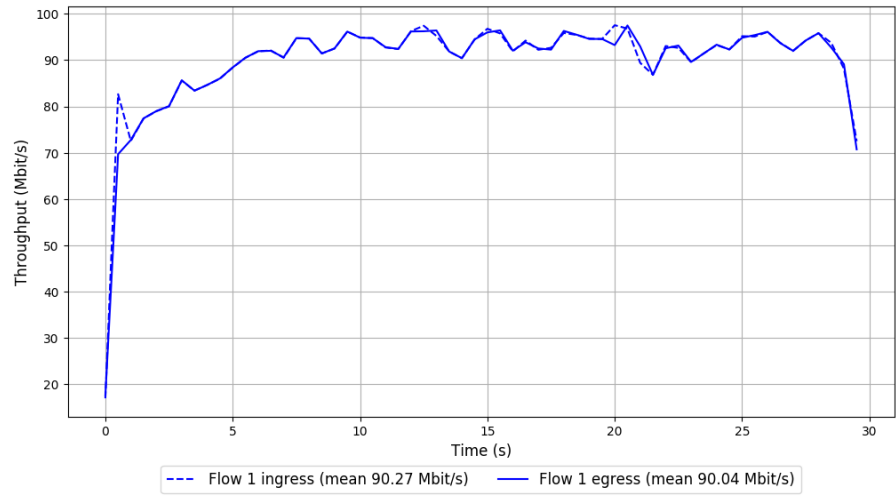
-- Flow 1:

Average throughput: 90.04 Mbit/s

95th percentile per-packet one-way delay: 3.766 ms

Loss rate: 0.25%

### Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

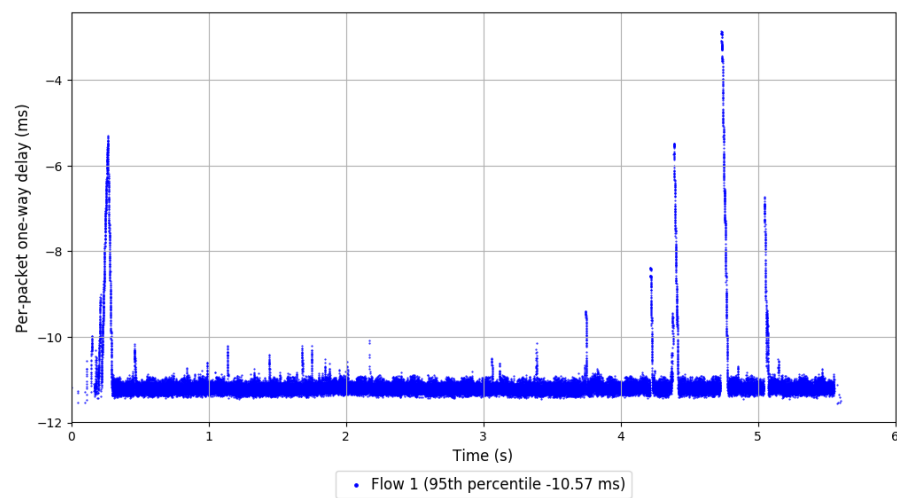
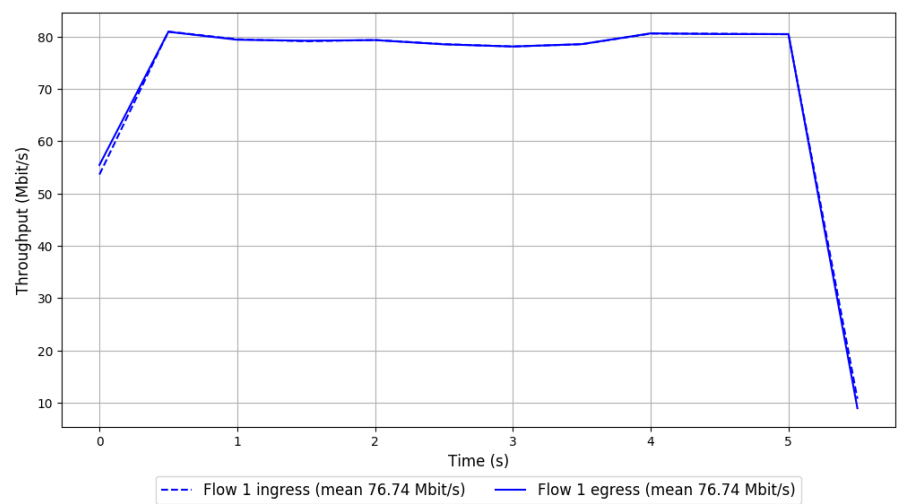
Start at: Mon, 24 Jul 2017 20:04:44 +0000

End at: Mon, 24 Jul 2017 20:05:14 +0000

Local clock offset: 3.373 ms

Remote clock offset: -25.001 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

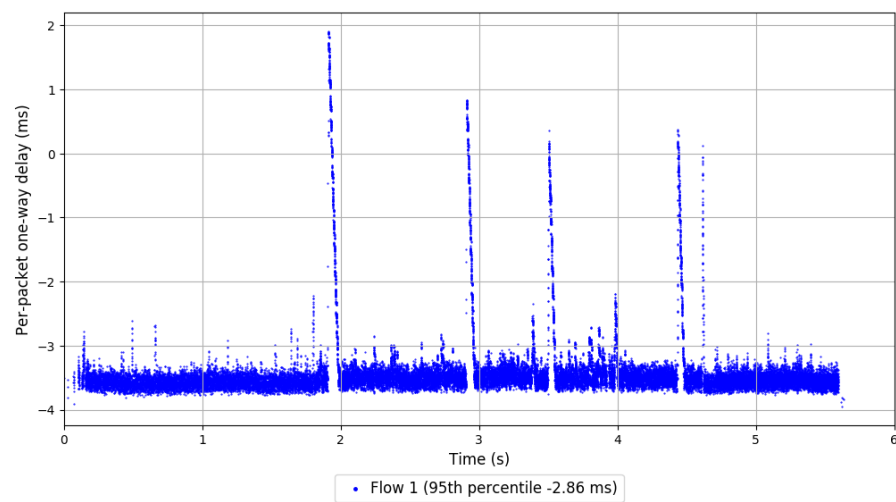
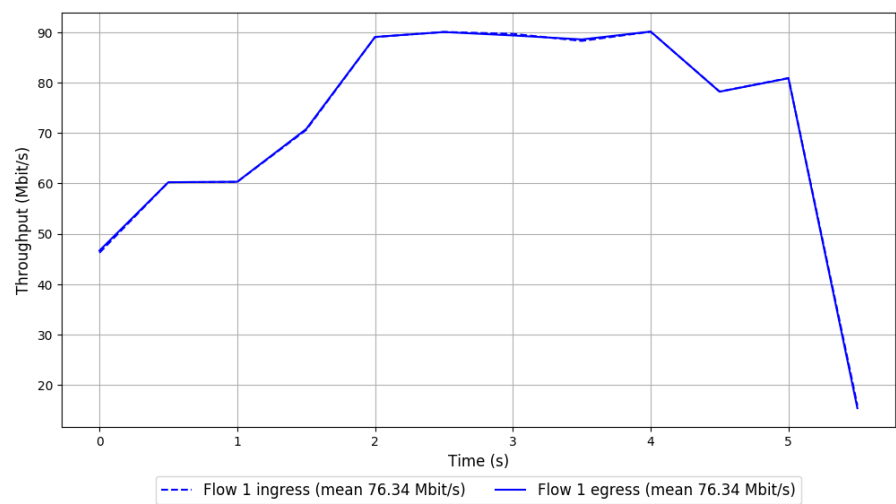
Start at: Mon, 24 Jul 2017 20:22:38 +0000

End at: Mon, 24 Jul 2017 20:23:08 +0000

Local clock offset: -1.951 ms

Remote clock offset: -23.936 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 20:40:44 +0000

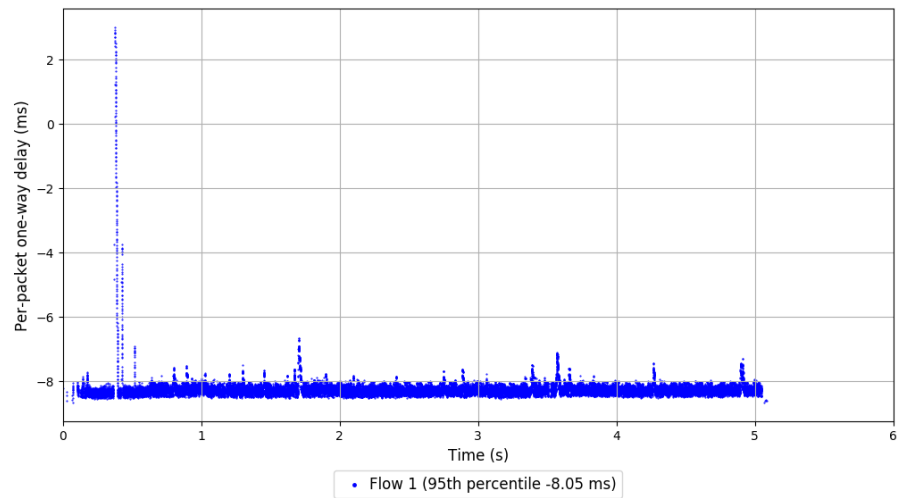
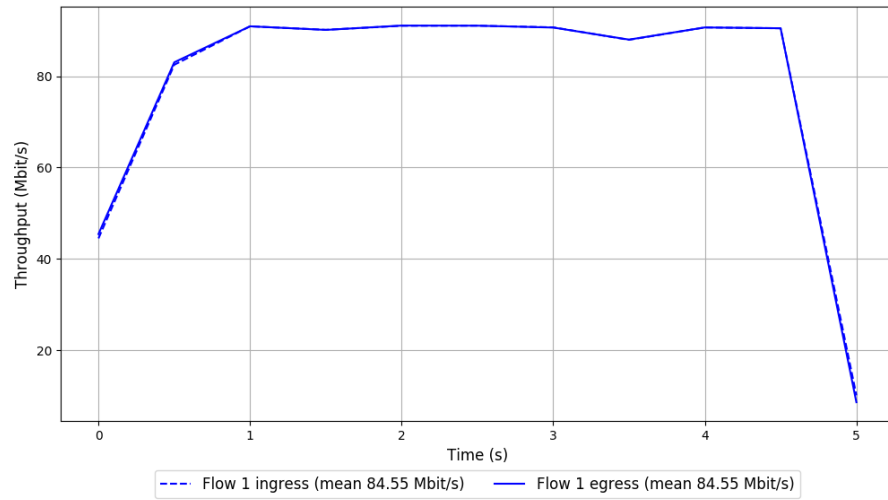
End at: Mon, 24 Jul 2017 20:41:14 +0000

Local clock offset: 1.451 ms

Remote clock offset: -26.282 ms



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



Run 4: Statistics of QUIC Cubic

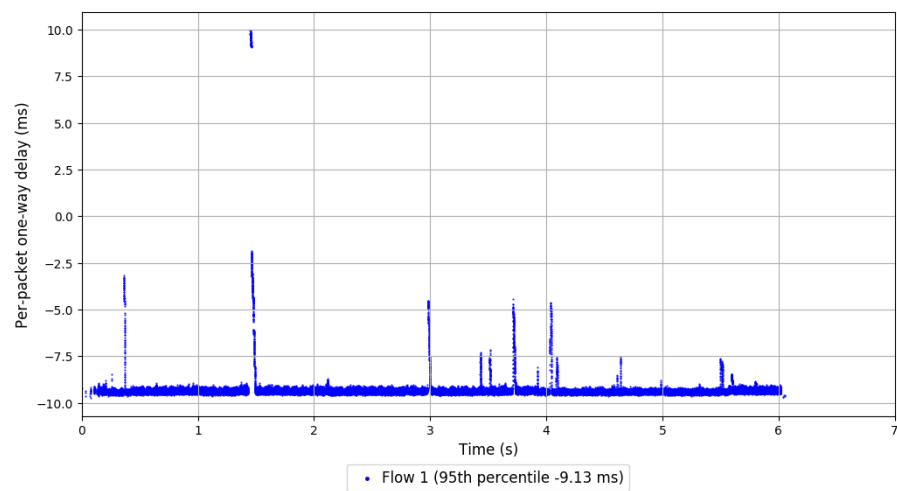
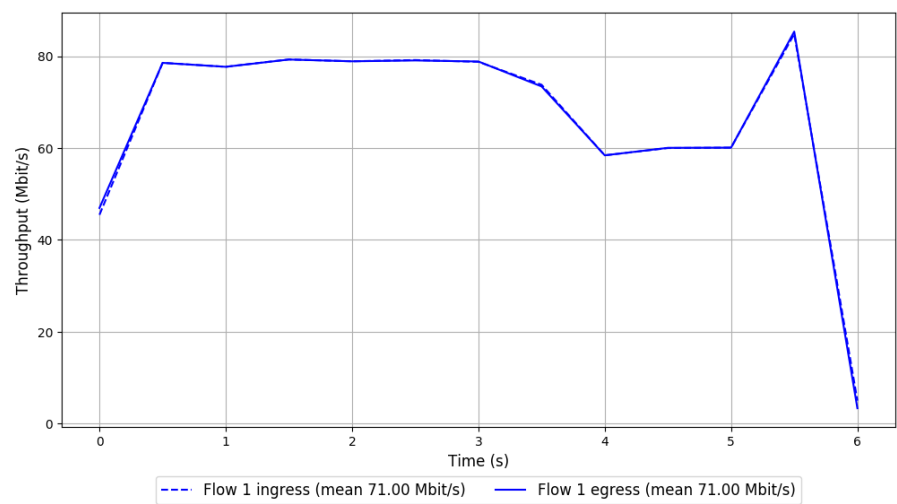
Start at: Mon, 24 Jul 2017 20:58:08 +0000

End at: Mon, 24 Jul 2017 20:58:38 +0000

Local clock offset: 3.845 ms

Remote clock offset: -25.256 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

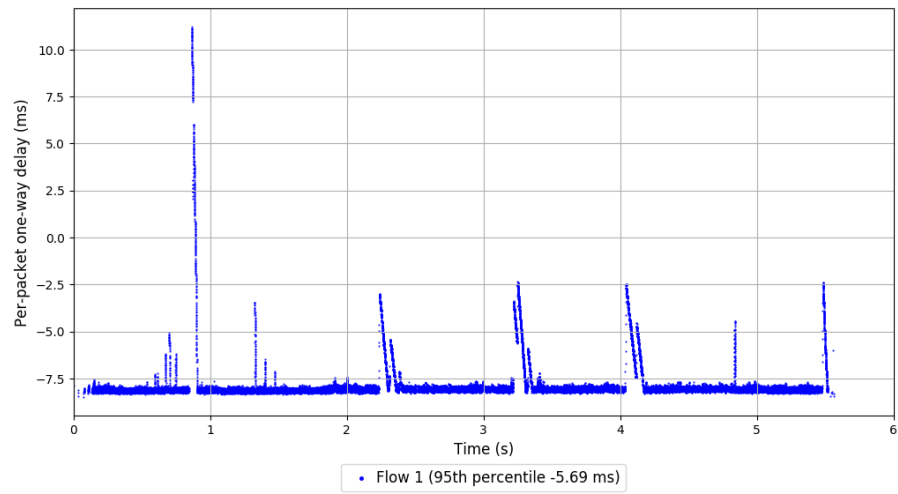
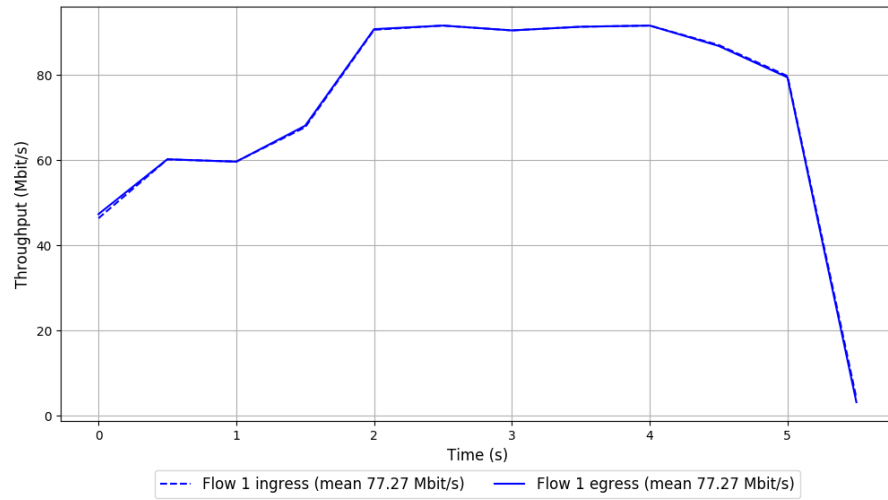
Start at: Mon, 24 Jul 2017 21:16:10 +0000

End at: Mon, 24 Jul 2017 21:16:40 +0000

Local clock offset: 2.255 ms

Remote clock offset: -25.738 ms

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



Run 6: Statistics of QUIC Cubic

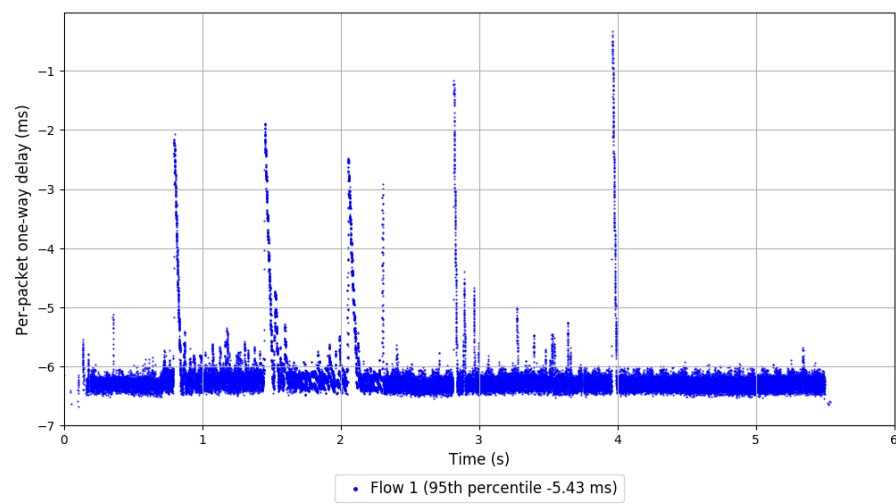
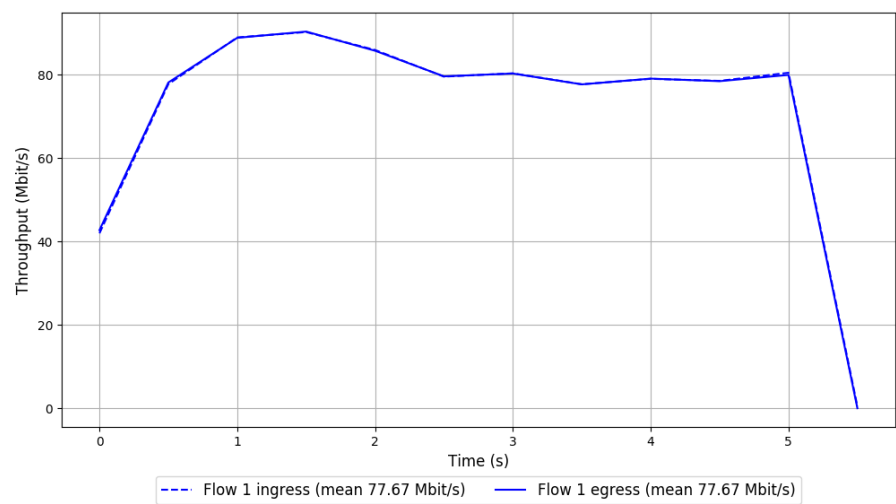
Start at: Mon, 24 Jul 2017 21:34:00 +0000

End at: Mon, 24 Jul 2017 21:34:30 +0000

Local clock offset: 0.87 ms

Remote clock offset: -25.426 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Mon, 24 Jul 2017 21:51:34 +0000

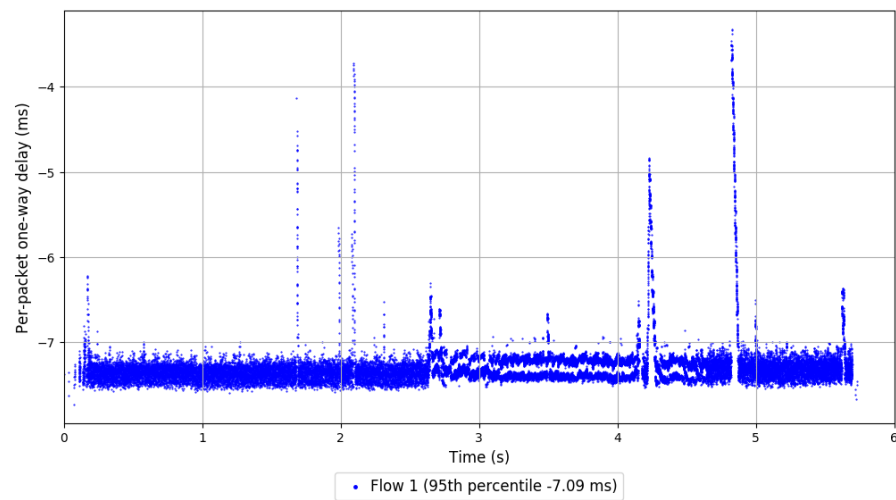
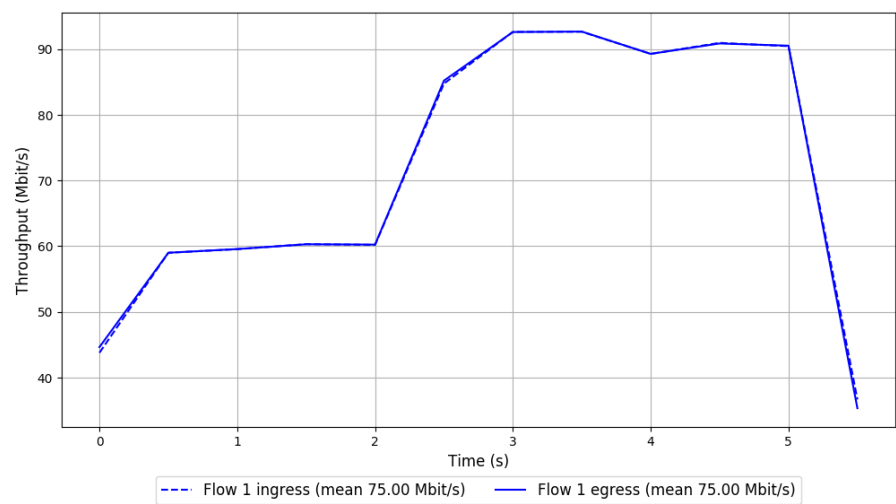
End at: Mon, 24 Jul 2017 21:52:04 +0000

Local clock offset: 1.659 ms

Remote clock offset: -25.808 ms



Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

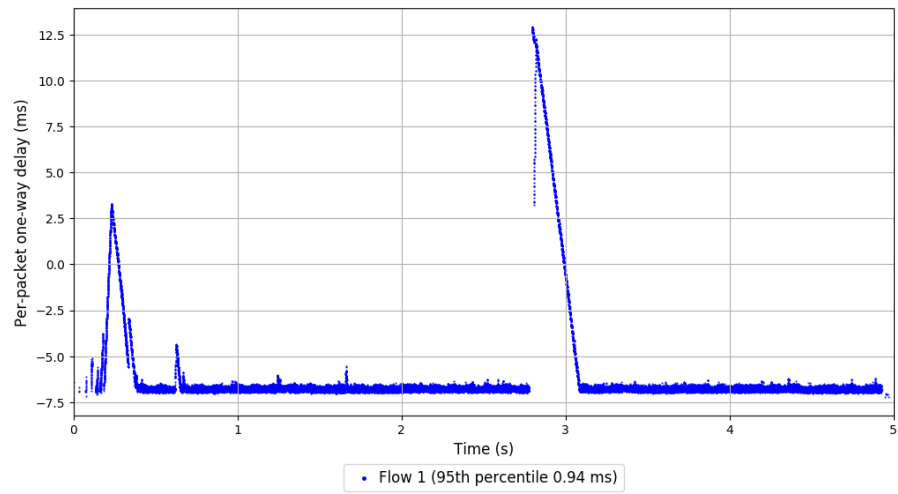
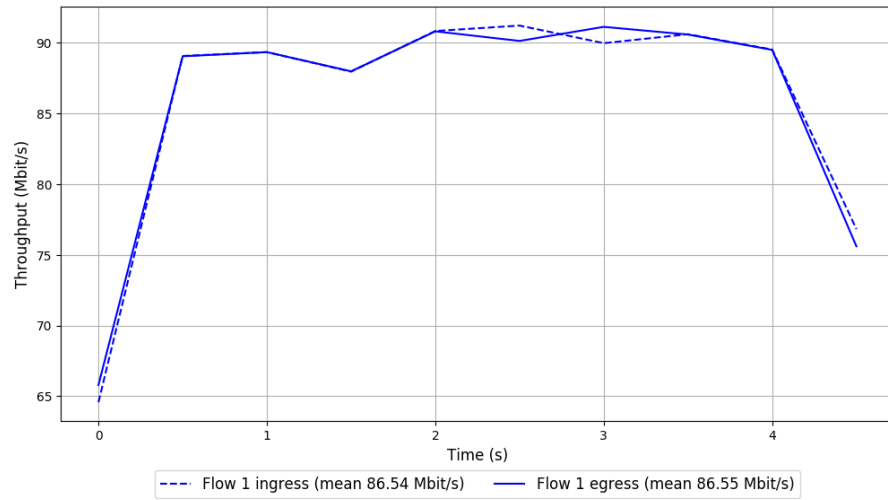
Start at: Mon, 24 Jul 2017 22:09:31 +0000

End at: Mon, 24 Jul 2017 22:10:01 +0000

Local clock offset: 1.09 ms

Remote clock offset: -24.405 ms

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



Run 9: Statistics of QUIC Cubic

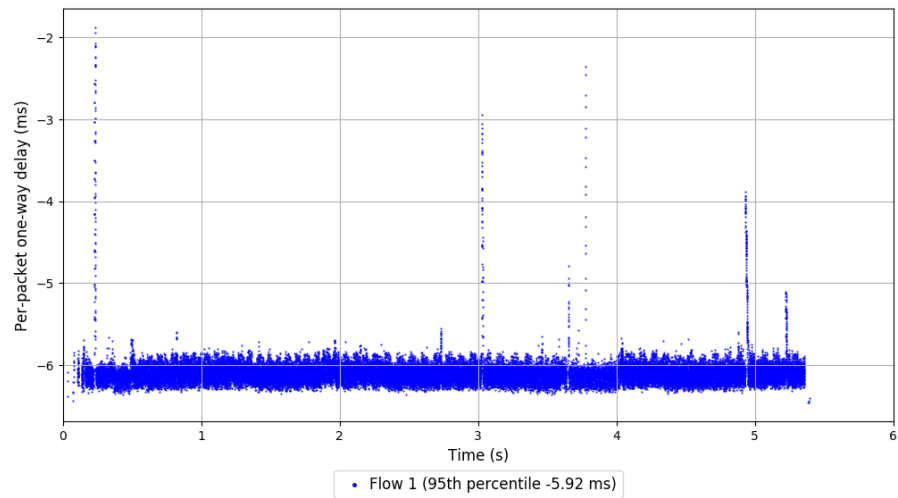
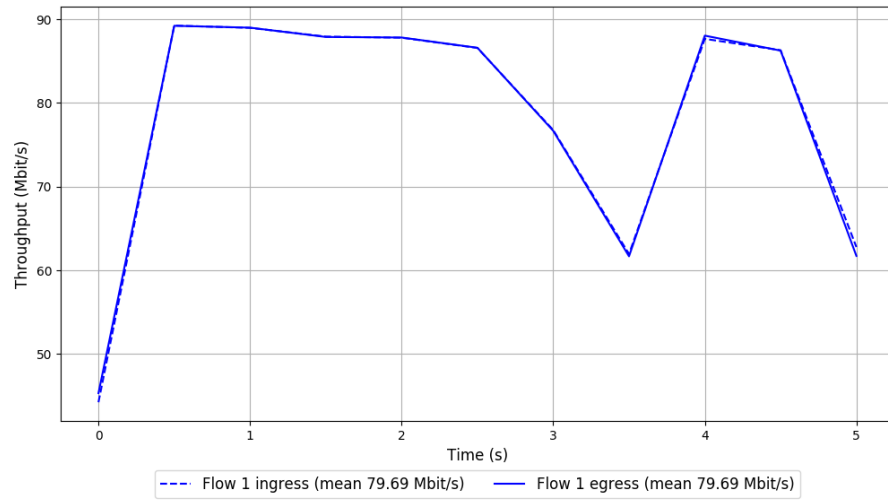
Start at: Mon, 24 Jul 2017 22:27:26 +0000

End at: Mon, 24 Jul 2017 22:27:56 +0000

Local clock offset: 2.572 ms

Remote clock offset: -20.646 ms

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



Run 10: Statistics of QUIC Cubic

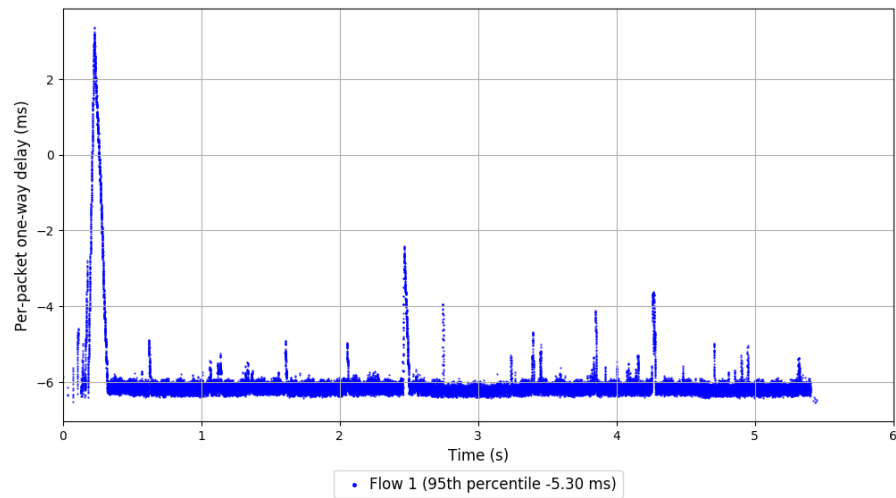
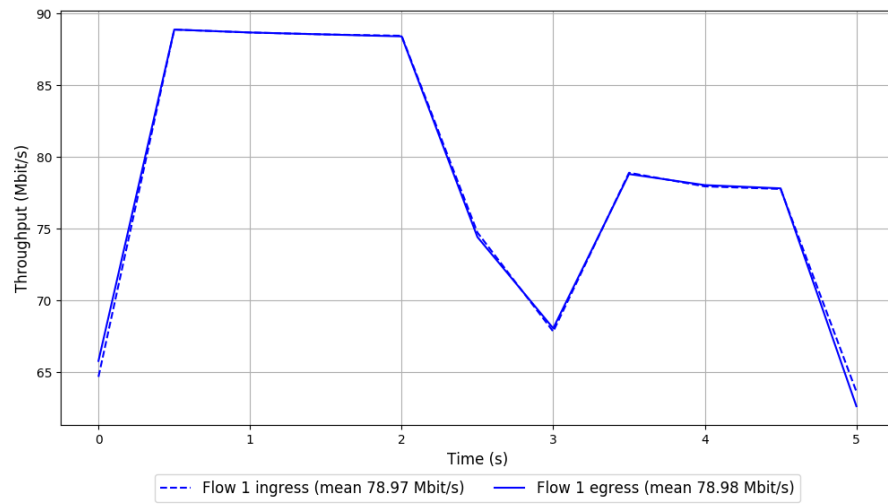
Start at: Mon, 24 Jul 2017 22:45:08 +0000

End at: Mon, 24 Jul 2017 22:45:38 +0000

Local clock offset: 1.936 ms

Remote clock offset: -21.887 ms

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



Run 1: Statistics of Saturator

Start at: Mon, 24 Jul 2017 20:17:57 +0000

End at: Mon, 24 Jul 2017 20:18:27 +0000

Local clock offset: -1.034 ms

Remote clock offset: -24.581 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: -3.597 ms

Loss rate: 0.00%

-- Flow 1:

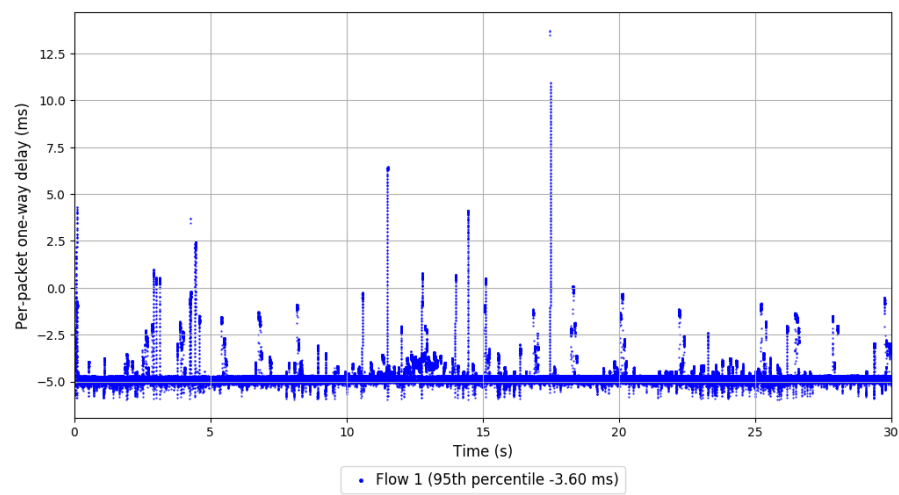
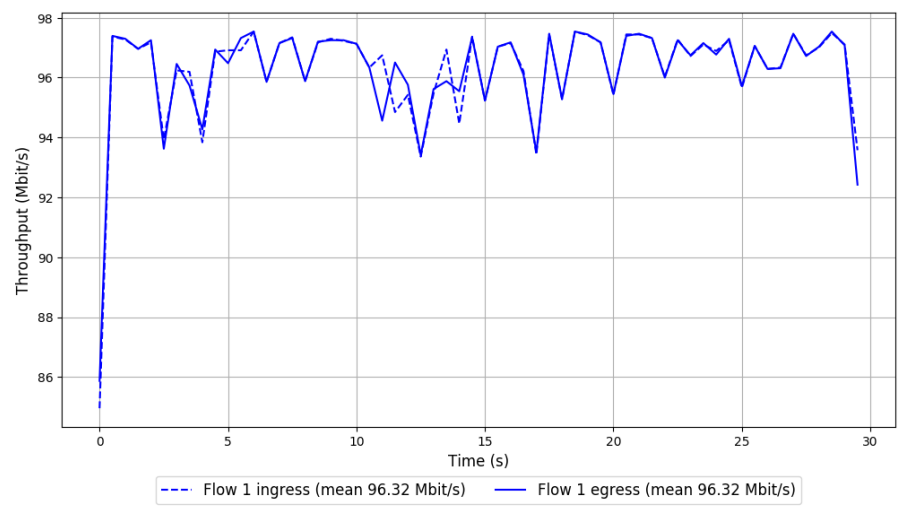
Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: -3.597 ms

Loss rate: 0.00%



Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Mon, 24 Jul 2017 20:36:02 +0000

End at: Mon, 24 Jul 2017 20:36:32 +0000

Local clock offset: 2.018 ms

Remote clock offset: -26.277 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: -7.745 ms

Loss rate: 0.00%

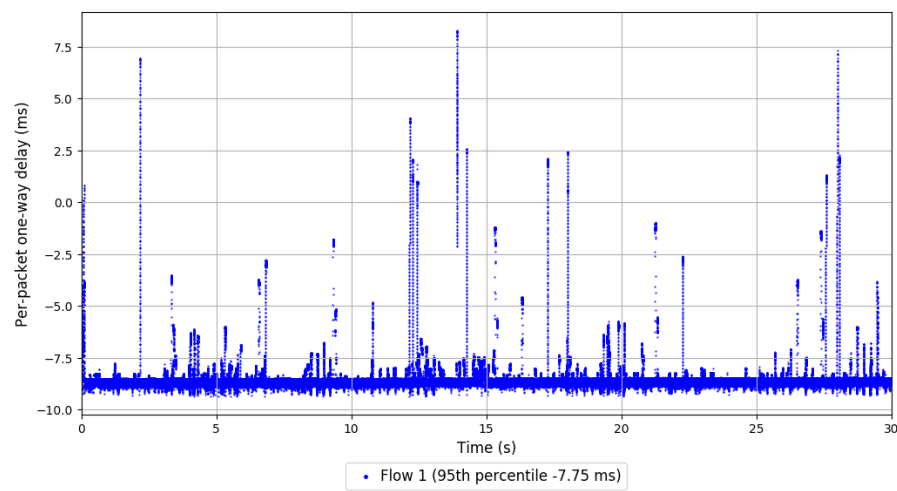
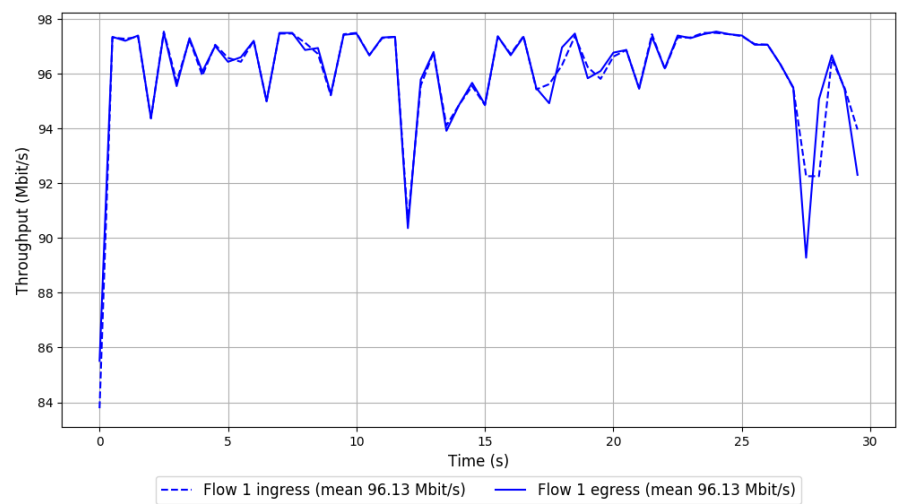
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: -7.745 ms

Loss rate: 0.00%

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Mon, 24 Jul 2017 20:53:28 +0000

End at: Mon, 24 Jul 2017 20:53:58 +0000

Local clock offset: 2.76 ms

Remote clock offset: -25.322 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.84 Mbit/s

95th percentile per-packet one-way delay: -7.514 ms

Loss rate: 0.00%

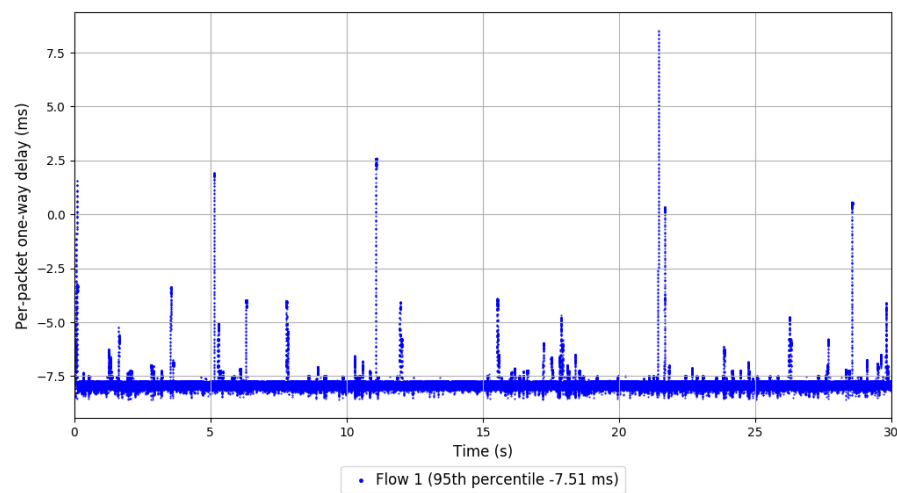
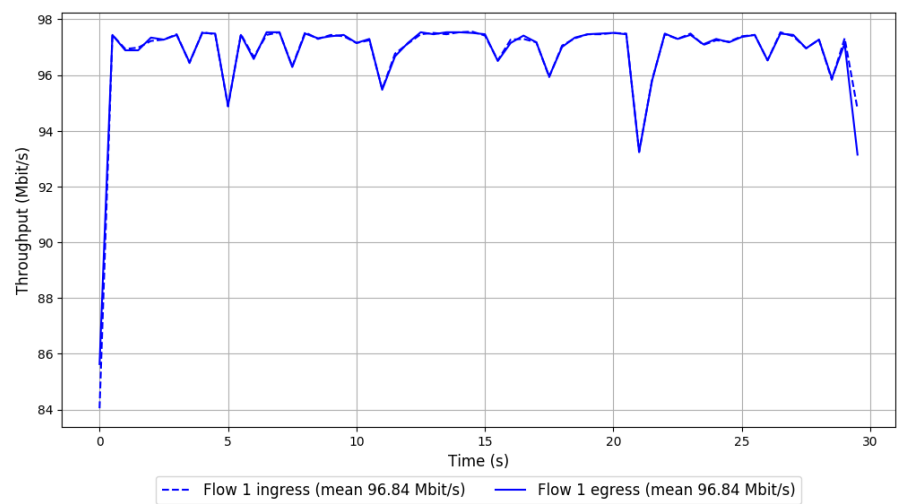
-- Flow 1:

Average throughput: 96.84 Mbit/s

95th percentile per-packet one-way delay: -7.514 ms

Loss rate: 0.00%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Mon, 24 Jul 2017 21:11:31 +0000

End at: Mon, 24 Jul 2017 21:12:01 +0000

Local clock offset: 2.342 ms

Remote clock offset: -26.817 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: -8.440 ms

Loss rate: 0.00%

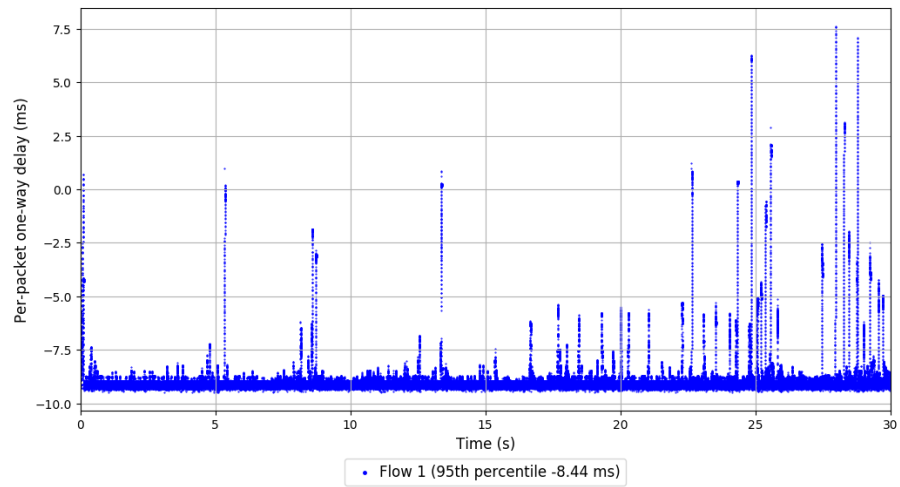
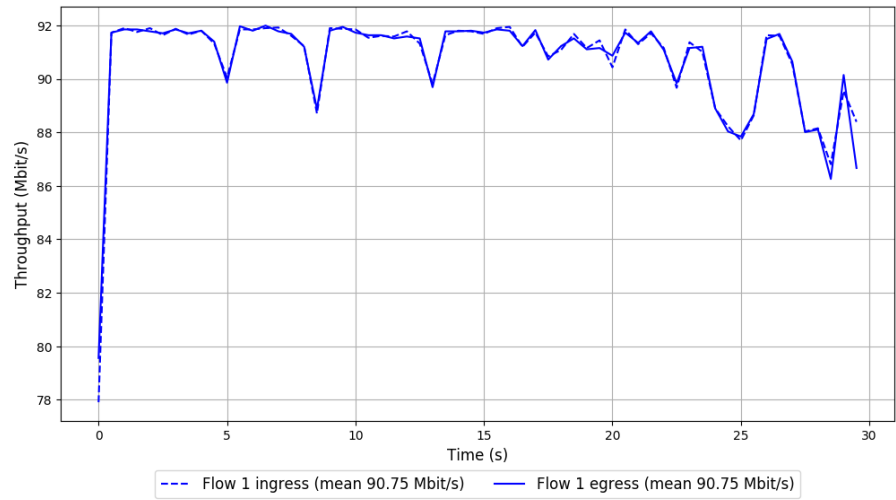
-- Flow 1:

Average throughput: 90.75 Mbit/s

95th percentile per-packet one-way delay: -8.440 ms

Loss rate: 0.00%

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



Run 5: Statistics of Saturator

Start at: Mon, 24 Jul 2017 21:29:22 +0000

End at: Mon, 24 Jul 2017 21:29:52 +0000

Local clock offset: -1.506 ms

Remote clock offset: -25.792 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: -3.509 ms

Loss rate: 0.00%

-- Flow 1:

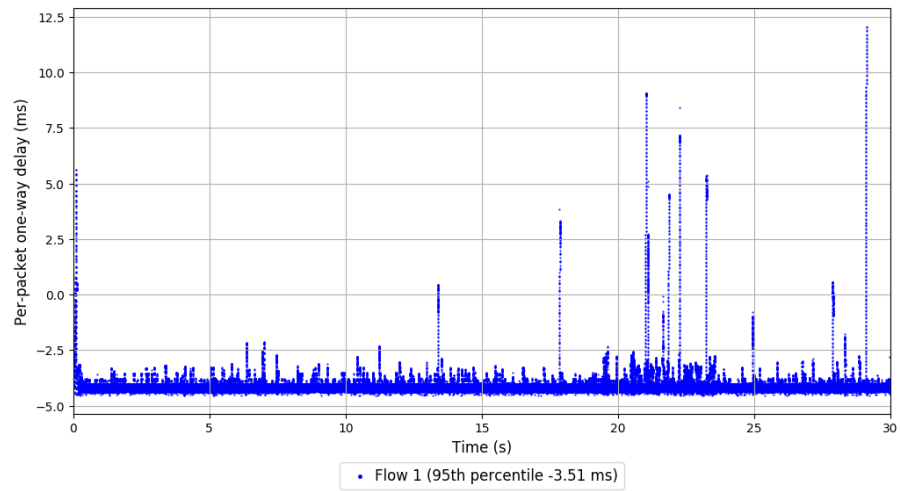
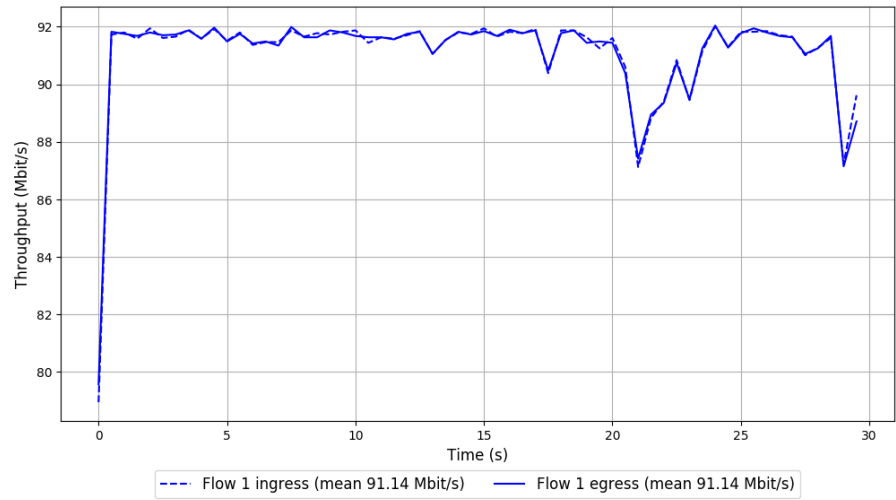
Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: -3.509 ms

Loss rate: 0.00%



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



Run 6: Statistics of Saturator

Start at: Mon, 24 Jul 2017 21:46:48 +0000

End at: Mon, 24 Jul 2017 21:47:18 +0000

Local clock offset: 4.691 ms

Remote clock offset: -25.459 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: -9.275 ms

Loss rate: 0.01%

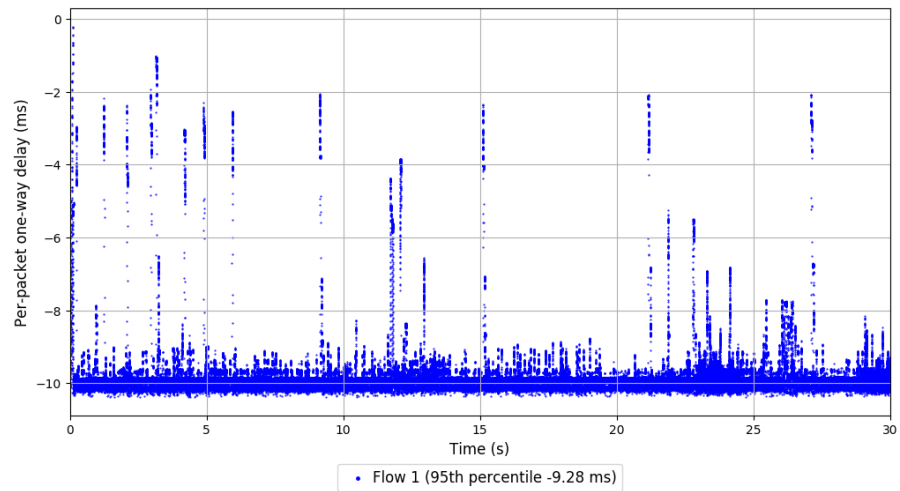
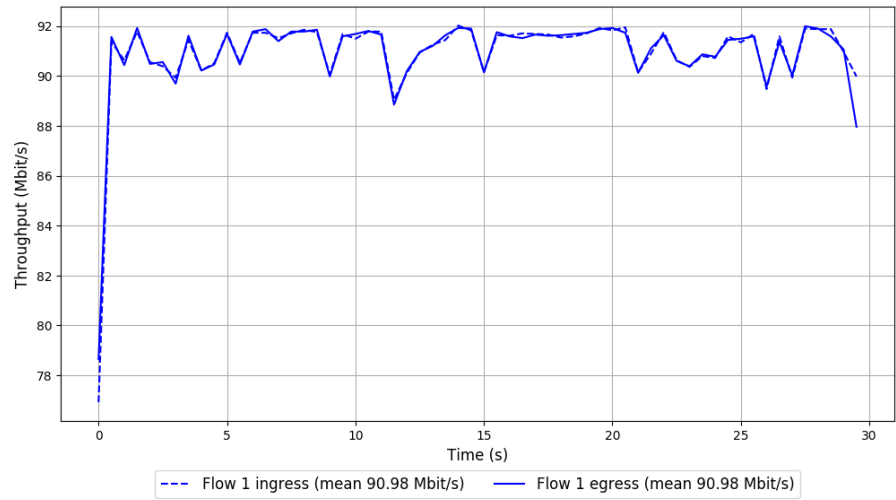
-- Flow 1:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: -9.275 ms

Loss rate: 0.01%

# Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Mon, 24 Jul 2017 22:04:49 +0000

End at: Mon, 24 Jul 2017 22:05:19 +0000

Local clock offset: 2.339 ms

Remote clock offset: -24.38 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.13 Mbit/s

95th percentile per-packet one-way delay: -6.723 ms

Loss rate: 0.00%

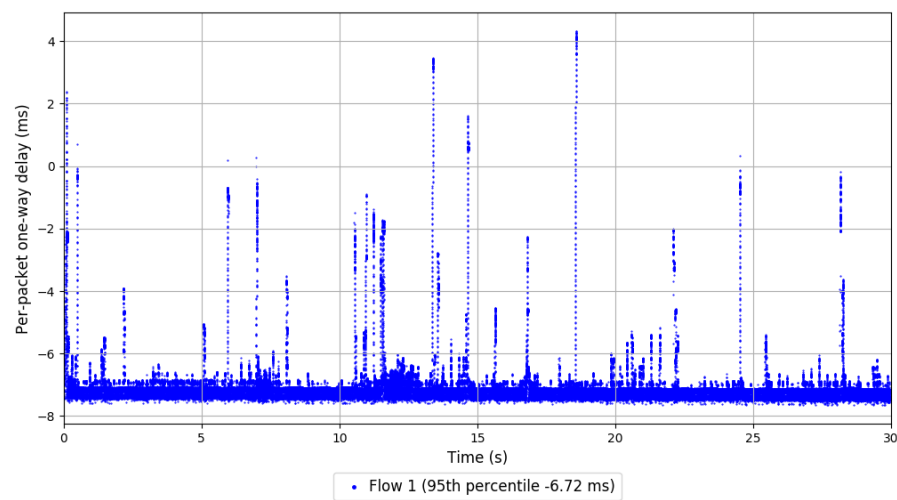
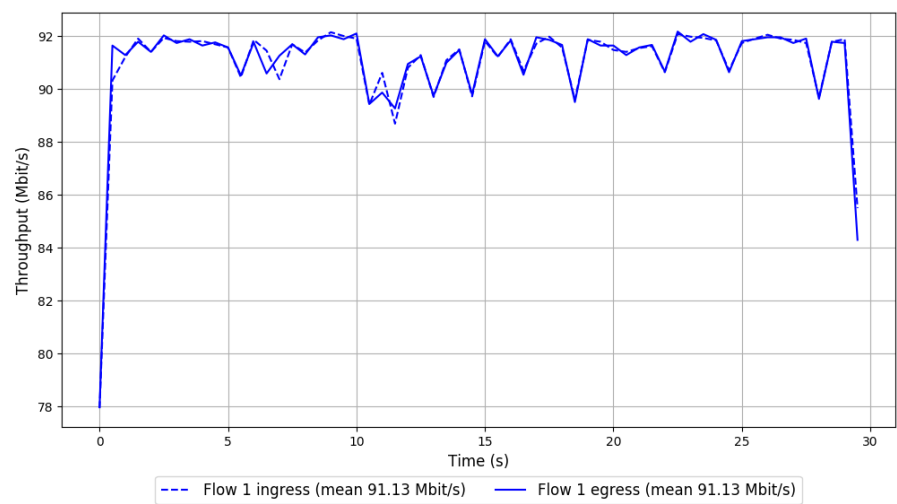
-- Flow 1:

Average throughput: 91.13 Mbit/s

95th percentile per-packet one-way delay: -6.723 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Mon, 24 Jul 2017 22:22:53 +0000

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

Local clock offset: 4.294 ms

Remote clock offset: -21.029 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.01 Mbit/s

95th percentile per-packet one-way delay: -7.254 ms

Loss rate: 0.00%

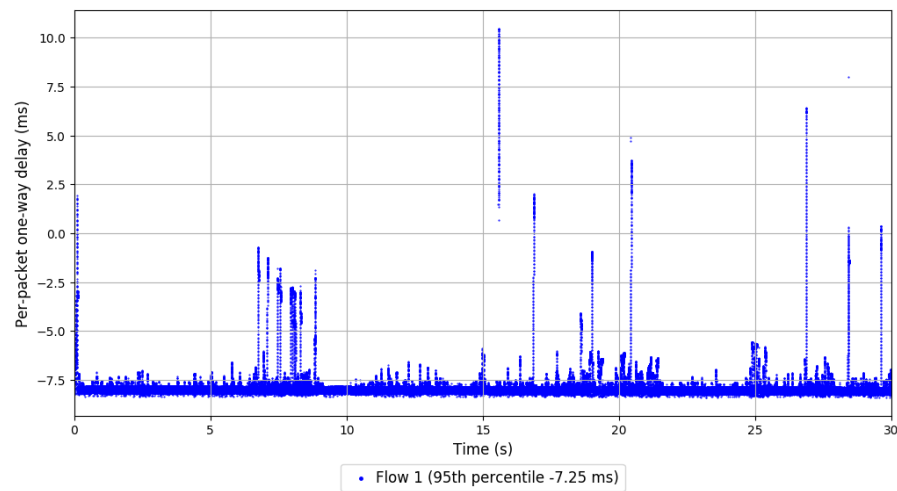
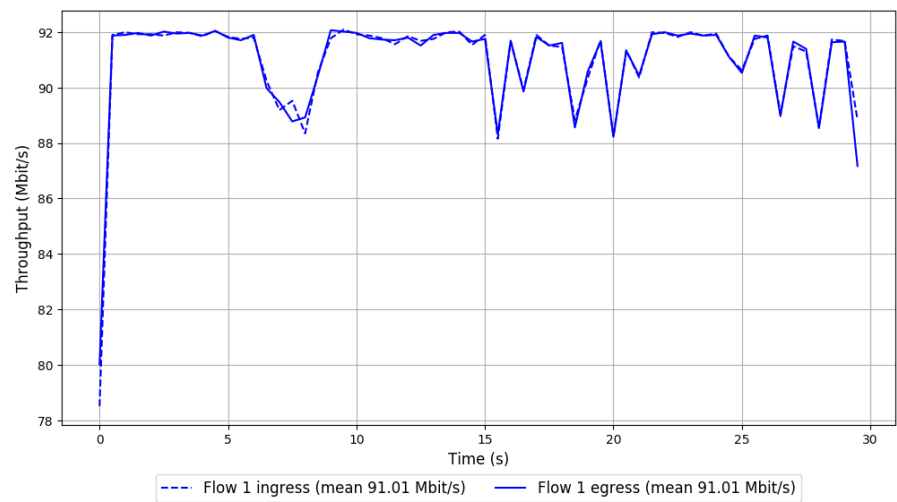
-- Flow 1:

Average throughput: 91.01 Mbit/s

95th percentile per-packet one-way delay: -7.254 ms

Loss rate: 0.00%

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Mon, 24 Jul 2017 22:40:32 +0000

End at: Mon, 24 Jul 2017 22:41:02 +0000

Local clock offset: 2.854 ms

Remote clock offset: -22.852 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.16 Mbit/s

95th percentile per-packet one-way delay: -7.526 ms

Loss rate: 0.00%

-- Flow 1:

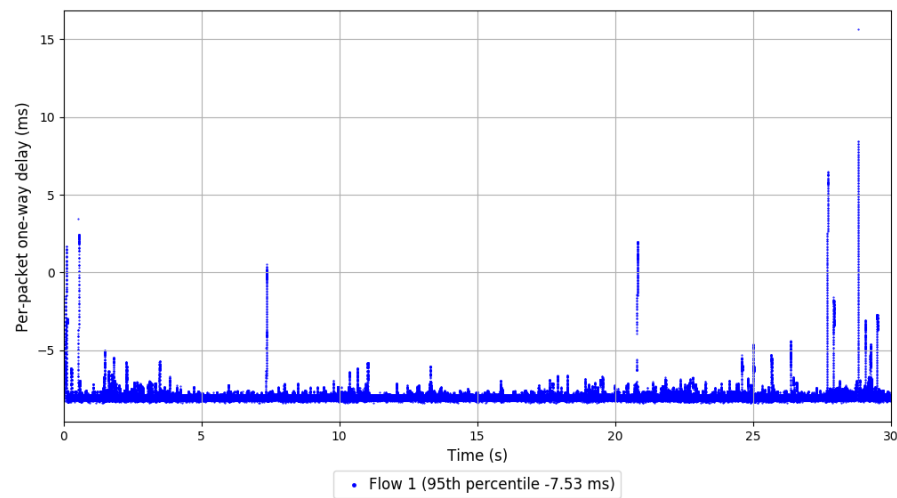
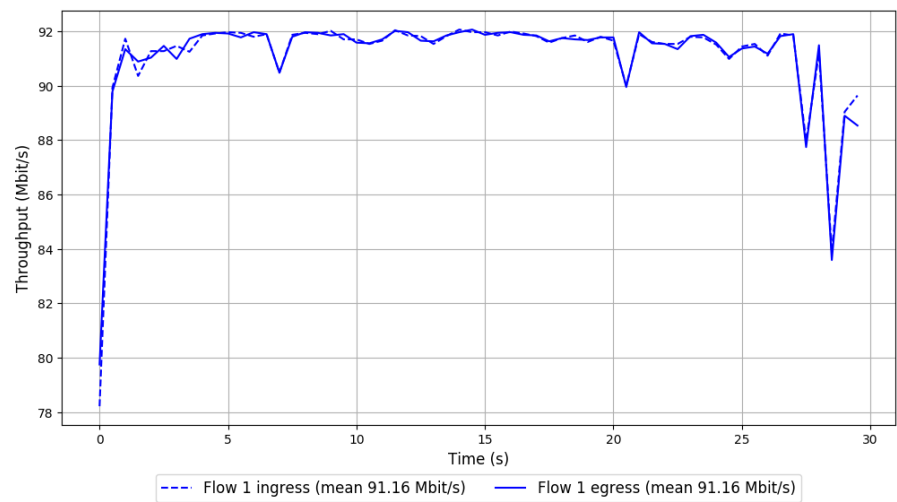
Average throughput: 91.16 Mbit/s

95th percentile per-packet one-way delay: -7.526 ms

Loss rate: 0.00%



Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Mon, 24 Jul 2017 22:57:53 +0000

End at: Mon, 24 Jul 2017 22:58:23 +0000

Local clock offset: 1.888 ms

Remote clock offset: -21.073 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: -4.930 ms

Loss rate: 0.00%

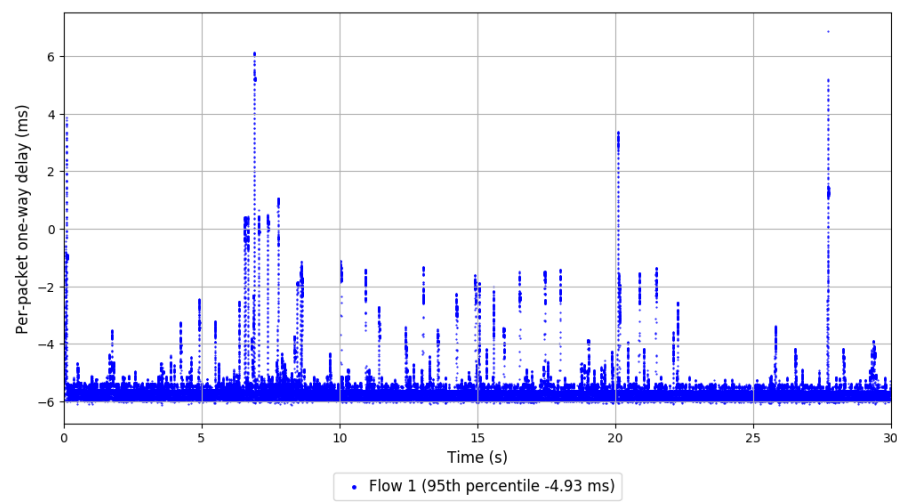
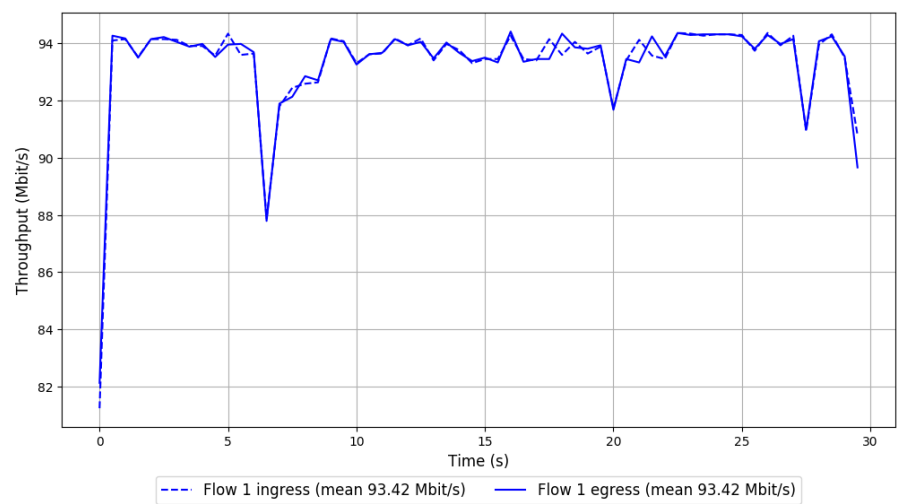
-- Flow 1:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: -4.930 ms

Loss rate: 0.00%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 20:01:23 +0000

End at: Mon, 24 Jul 2017 20:01:53 +0000

Local clock offset: -0.142 ms

Remote clock offset: -22.557 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.172 ms

Loss rate: 0.00%

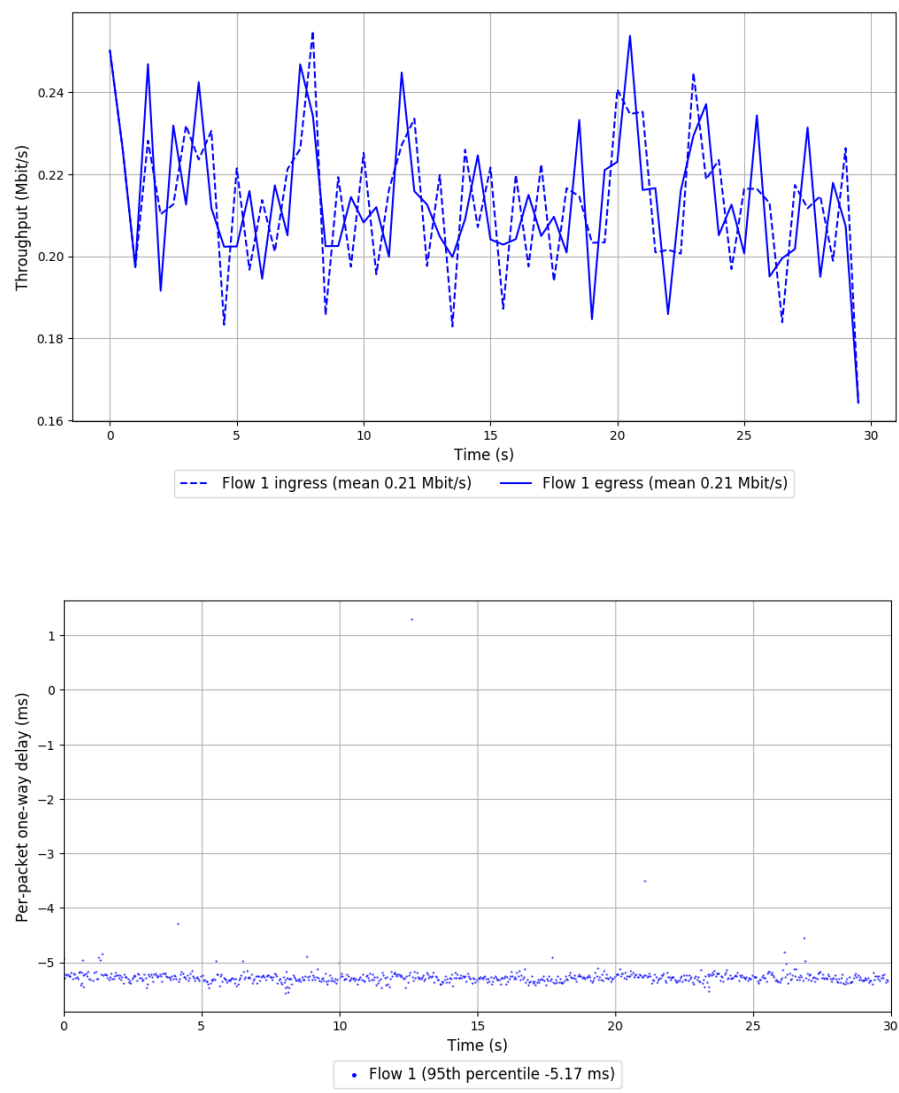
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.172 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 20:19:14 +0000

End at: Mon, 24 Jul 2017 20:19:44 +0000

Local clock offset: -1.902 ms

Remote clock offset: -25.333 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.046 ms

Loss rate: 0.00%

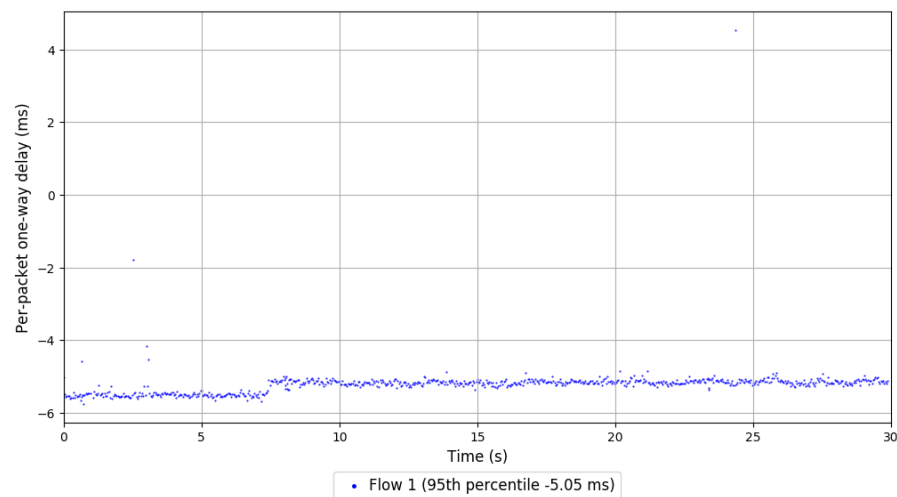
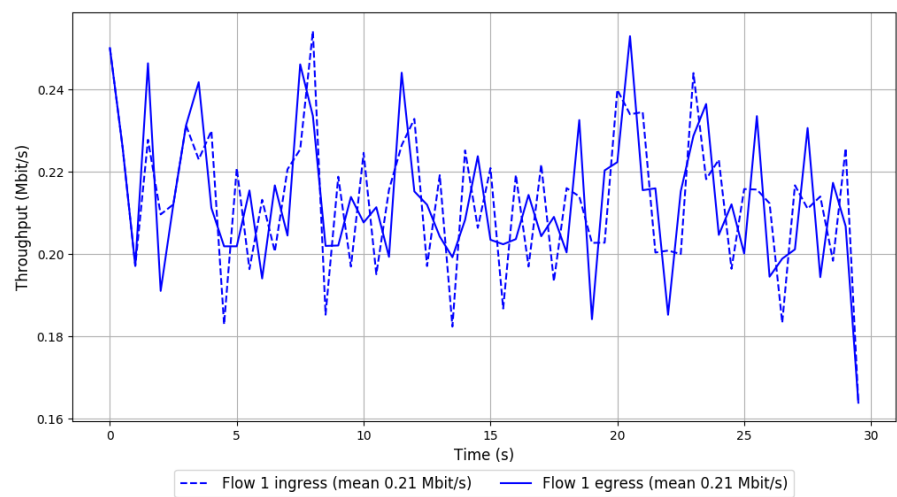
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.046 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 20:37:19 +0000

End at: Mon, 24 Jul 2017 20:37:49 +0000

Local clock offset: 1.214 ms

Remote clock offset: -23.851 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.705 ms

Loss rate: 0.00%

-- Flow 1:

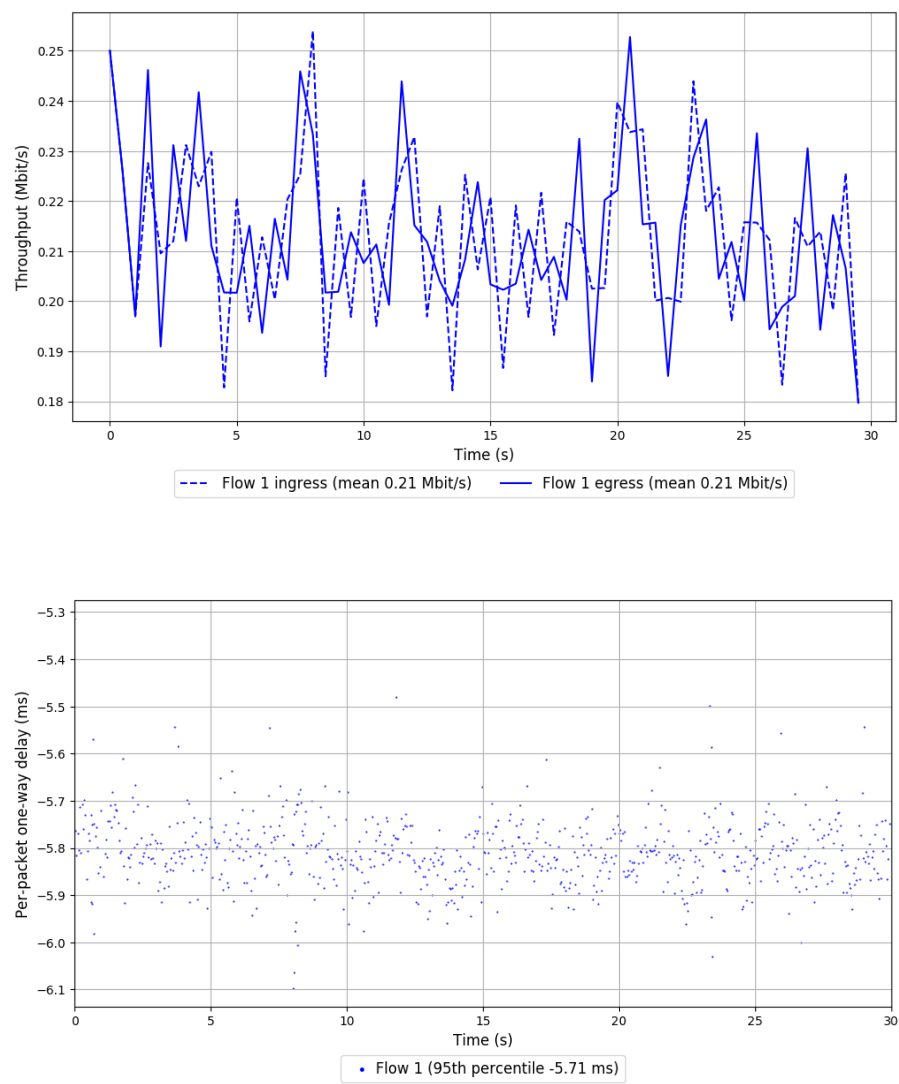
Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.705 ms

Loss rate: 0.00%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 20:54:46 +0000

End at: Mon, 24 Jul 2017 20:55:16 +0000

Local clock offset: 1.945 ms

Remote clock offset: -25.026 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: -7.172 ms

Loss rate: 0.00%

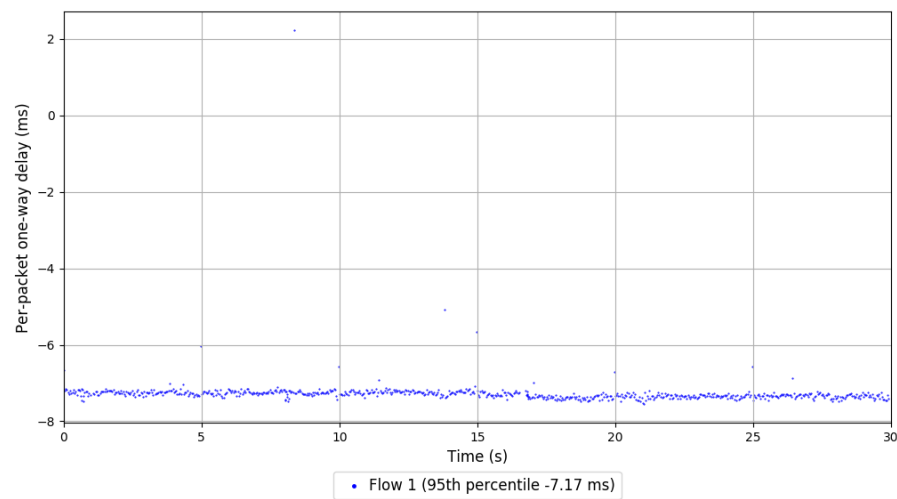
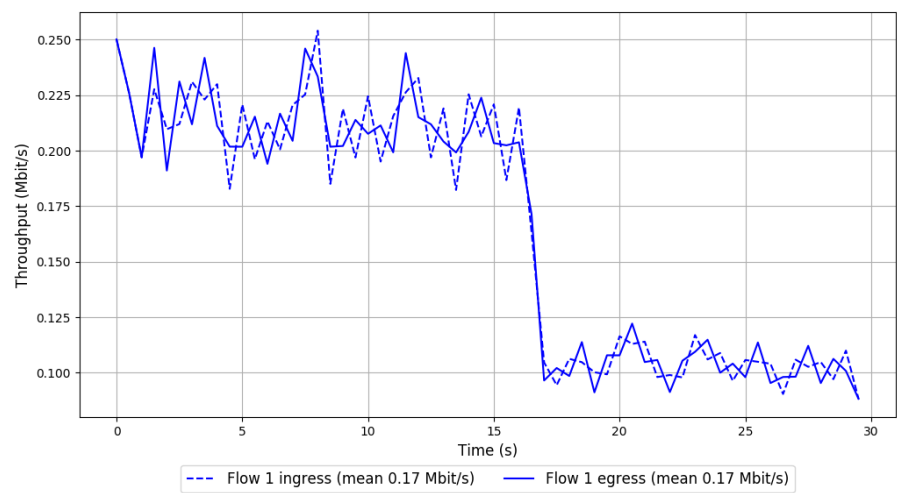
-- Flow 1:

Average throughput: 0.17 Mbit/s

95th percentile per-packet one-way delay: -7.172 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 21:12:48 +0000

End at: Mon, 24 Jul 2017 21:13:18 +0000

Local clock offset: 2.748 ms

Remote clock offset: -24.442 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -7.147 ms

Loss rate: 0.00%

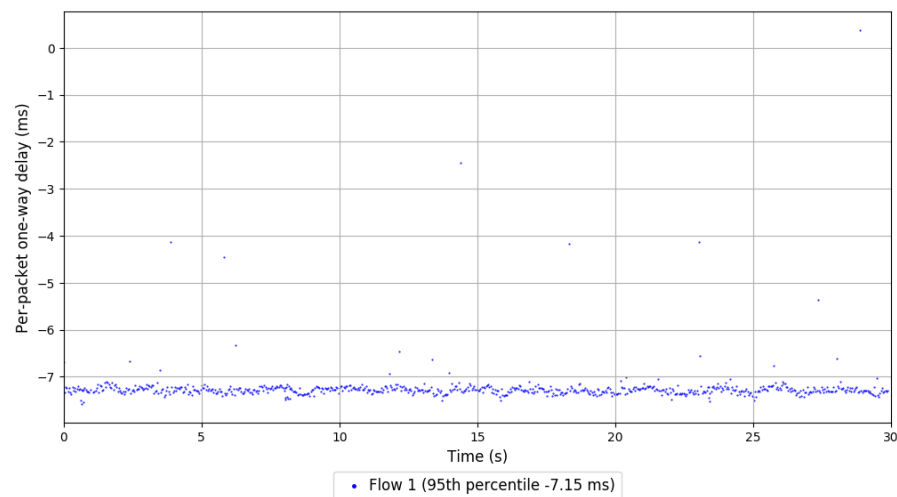
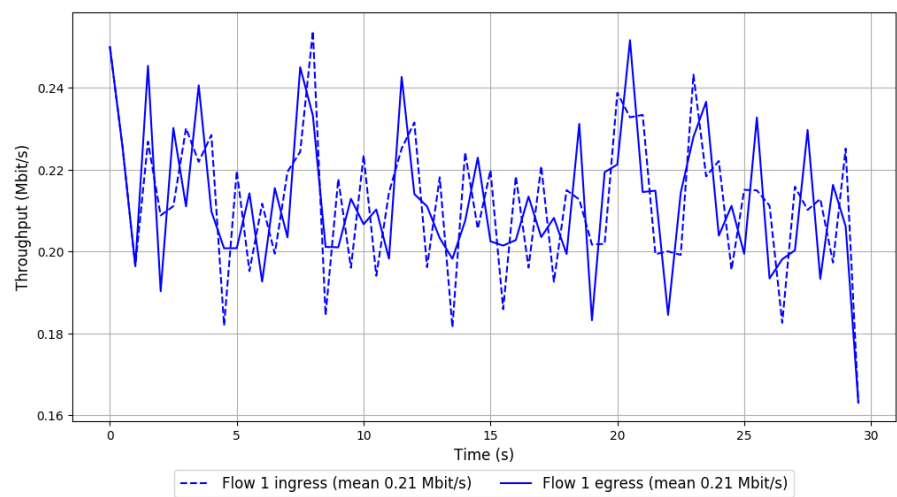
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -7.147 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 21:30:37 +0000

End at: Mon, 24 Jul 2017 21:31:07 +0000

Local clock offset: 4.328 ms

Remote clock offset: -25.84 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -10.049 ms

Loss rate: 0.00%

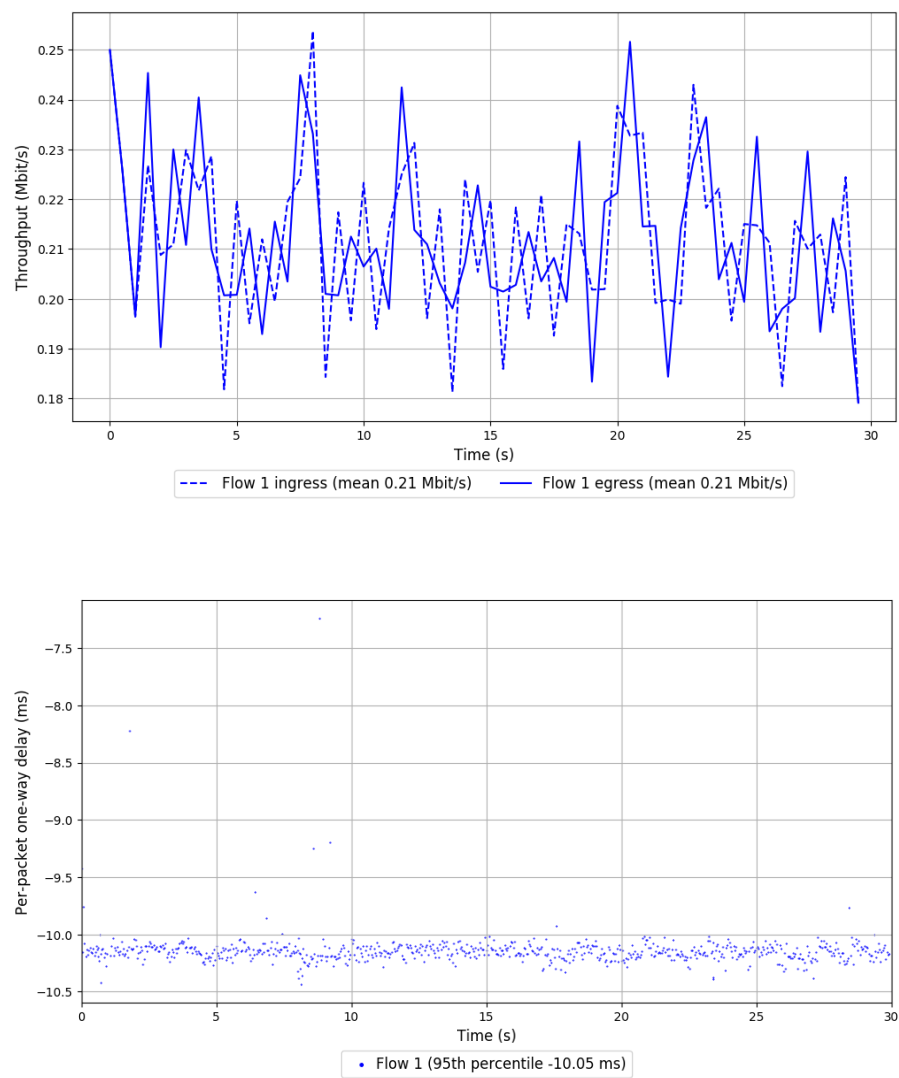
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -10.049 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 21:48:09 +0000

End at: Mon, 24 Jul 2017 21:48:39 +0000

Local clock offset: 1.099 ms

Remote clock offset: -24.878 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.903 ms

Loss rate: 0.00%

-- Flow 1:

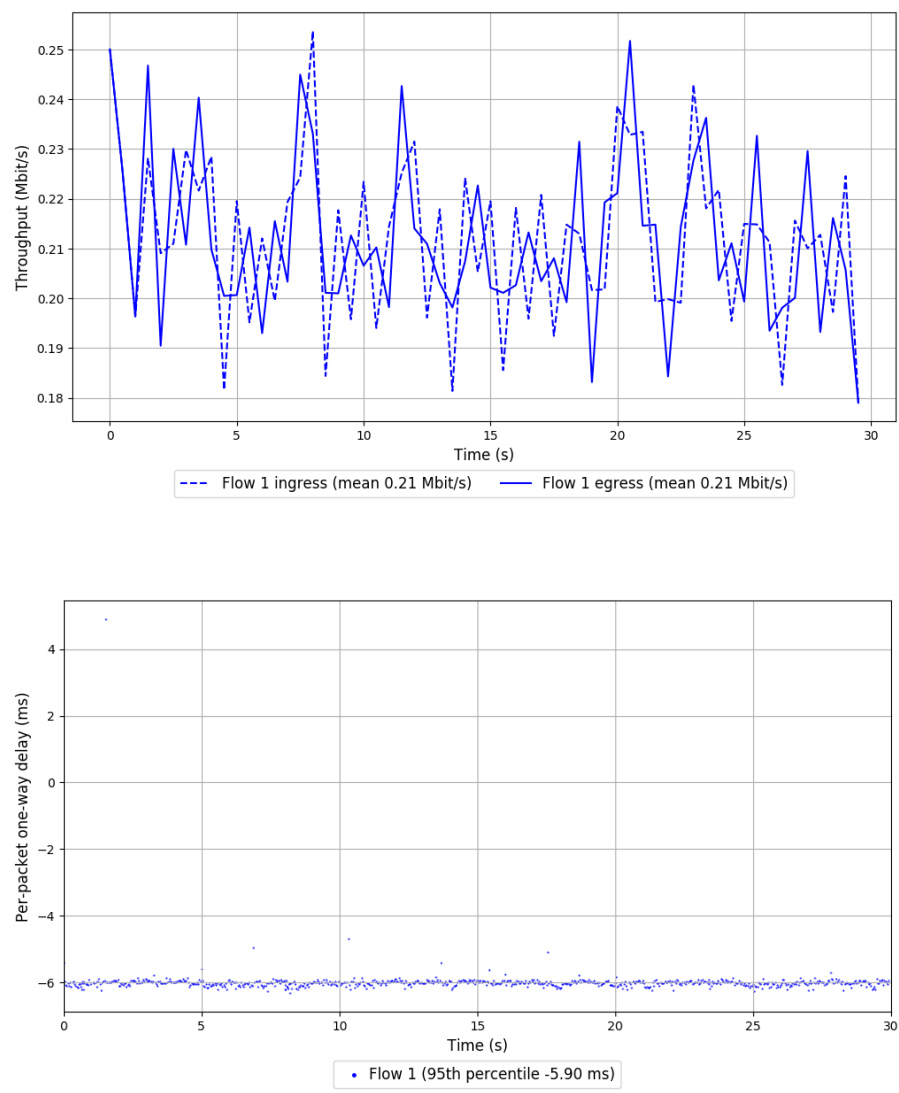
Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -5.903 ms

Loss rate: 0.00%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 22:06:06 +0000

End at: Mon, 24 Jul 2017 22:06:36 +0000

Local clock offset: 4.056 ms

Remote clock offset: -25.537 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -10.417 ms

Loss rate: 0.00%

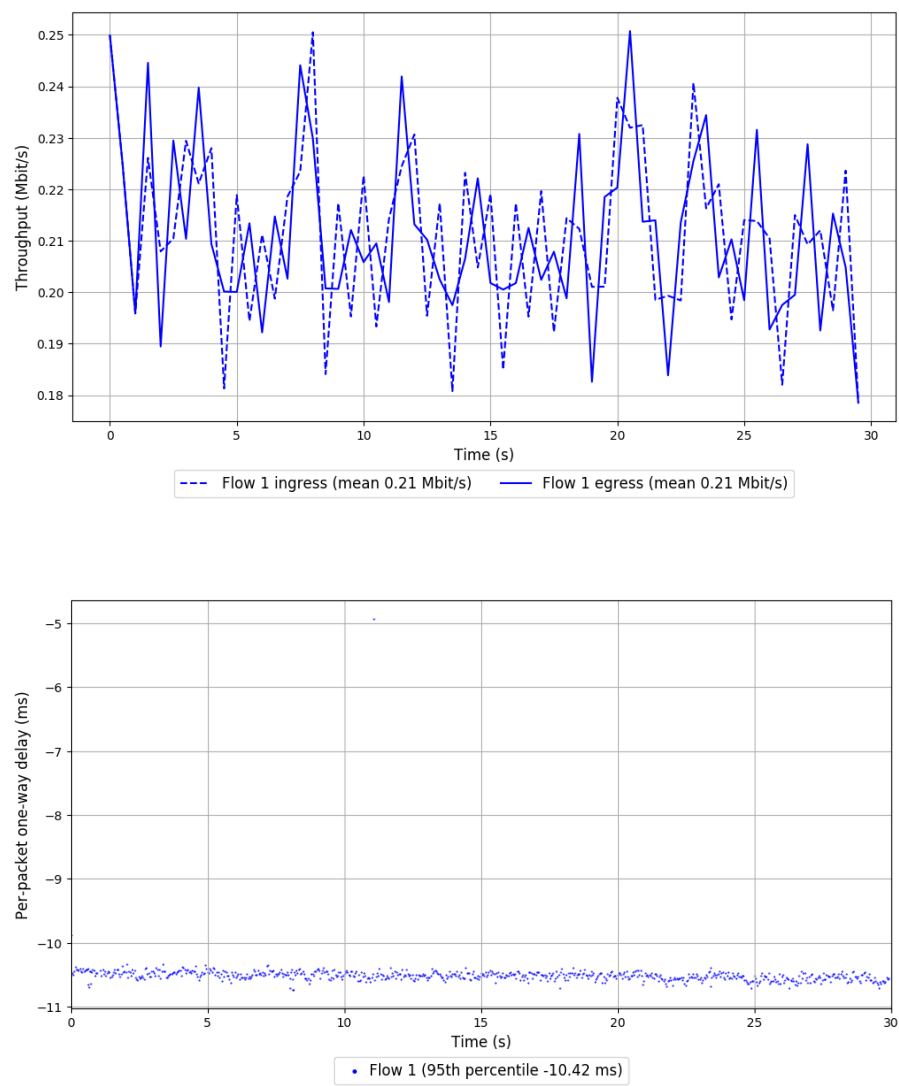
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -10.417 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 22:24:06 +0000

End at: Mon, 24 Jul 2017 22:24:36 +0000

Local clock offset: 2.148 ms

Remote clock offset: -21.439 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.420 ms

Loss rate: 0.00%

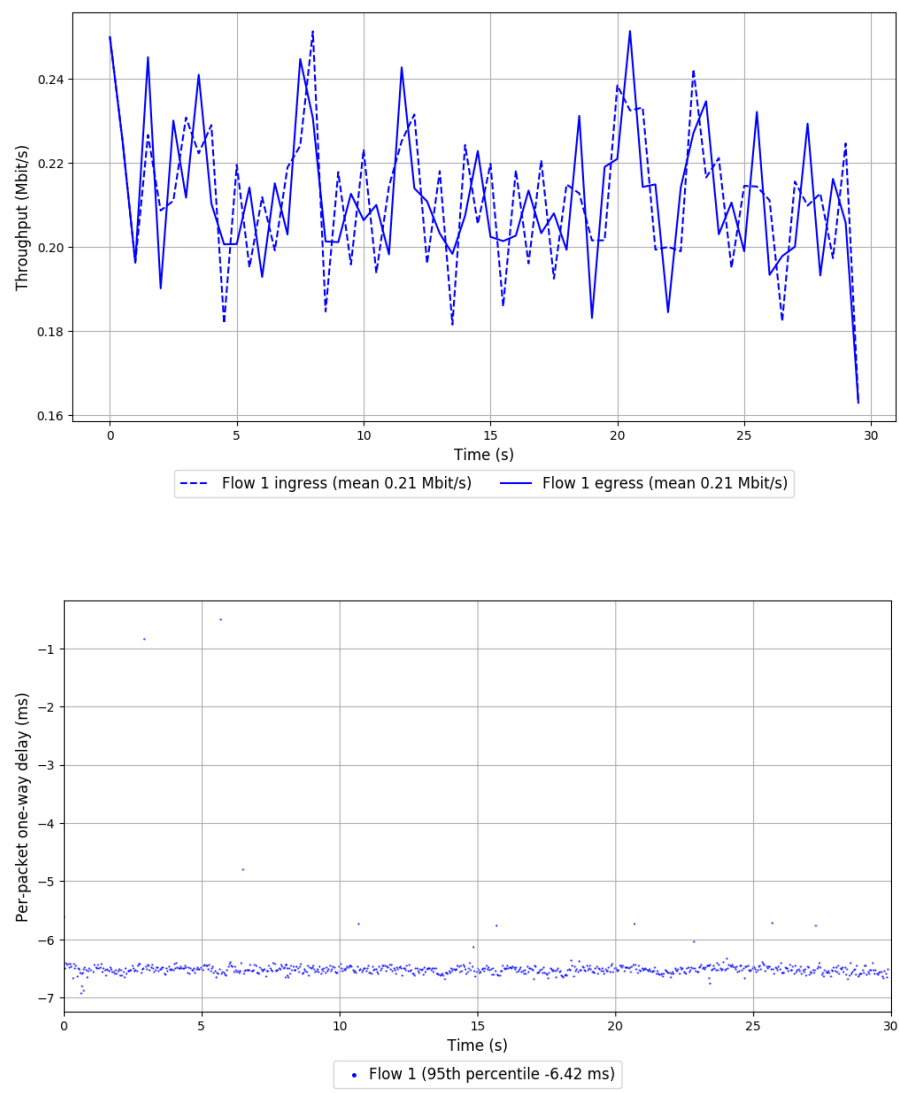
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.420 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 22:41:46 +0000

End at: Mon, 24 Jul 2017 22:42:16 +0000

Local clock offset: 2.259 ms

Remote clock offset: -22.541 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -7.164 ms

Loss rate: 0.00%

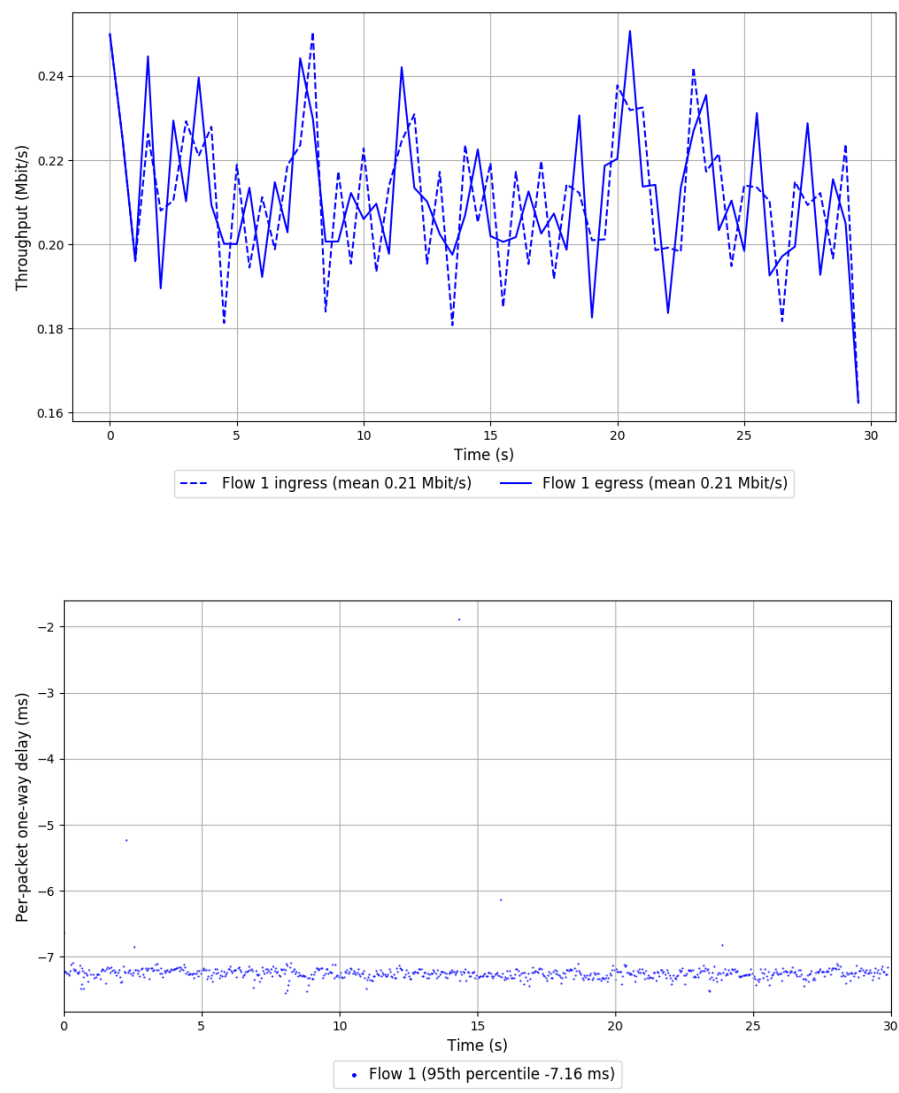
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -7.164 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Mon, 24 Jul 2017 20:14:20 +0000

End at: Mon, 24 Jul 2017 20:14:50 +0000

Local clock offset: -0.923 ms

Remote clock offset: -25.439 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 1.195 ms

Loss rate: 0.00%

-- Flow 1:

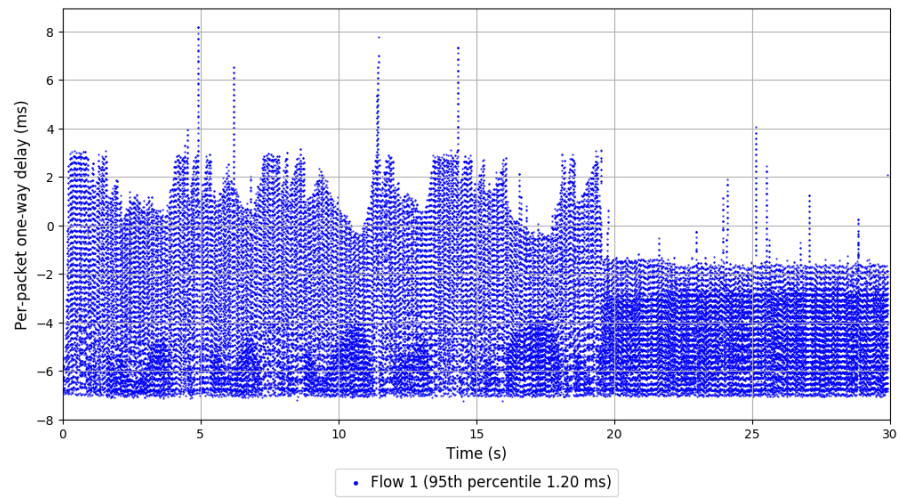
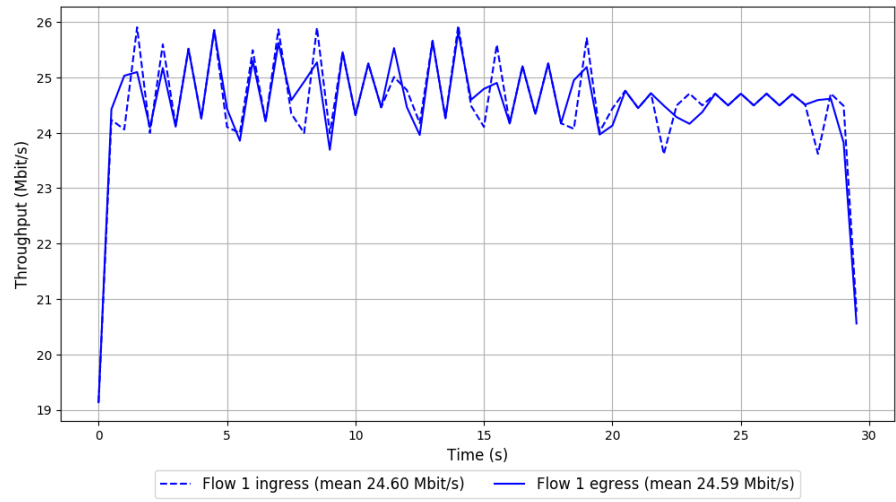
Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 1.195 ms

Loss rate: 0.00%



# Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Mon, 24 Jul 2017 20:32:24 +0000

End at: Mon, 24 Jul 2017 20:32:54 +0000

Local clock offset: 0.729 ms

Remote clock offset: -26.916 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.74 Mbit/s

95th percentile per-packet one-way delay: -1.104 ms

Loss rate: 0.00%

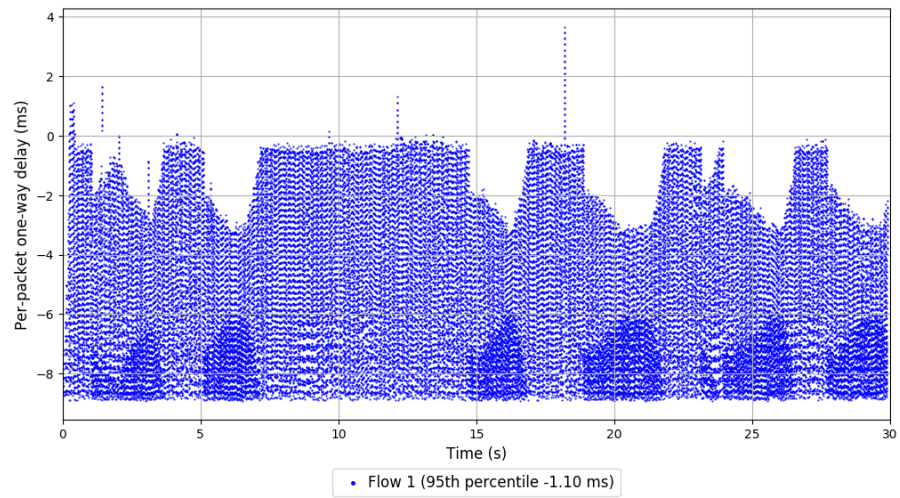
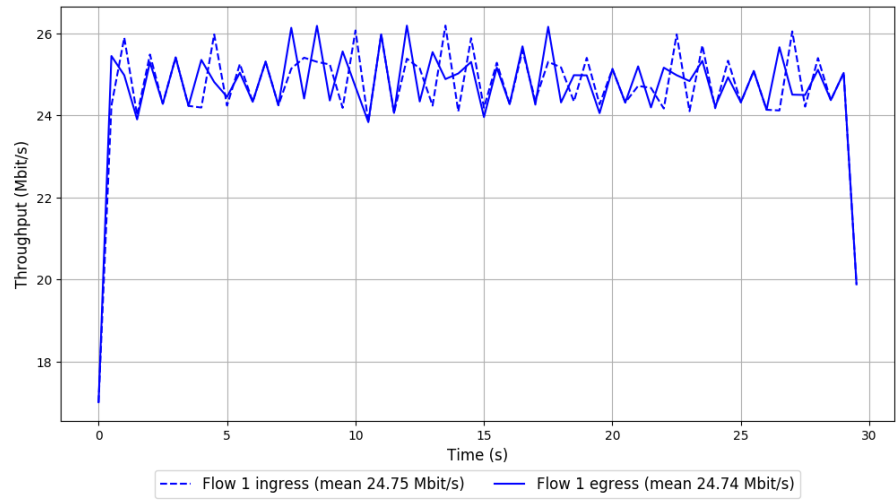
-- Flow 1:

Average throughput: 24.74 Mbit/s

95th percentile per-packet one-way delay: -1.104 ms

Loss rate: 0.00%

## Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Mon, 24 Jul 2017 20:50:13 +0000

End at: Mon, 24 Jul 2017 20:50:43 +0000

Local clock offset: -0.074 ms

Remote clock offset: -26.864 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.86 Mbit/s

95th percentile per-packet one-way delay: 0.280 ms

Loss rate: 0.00%

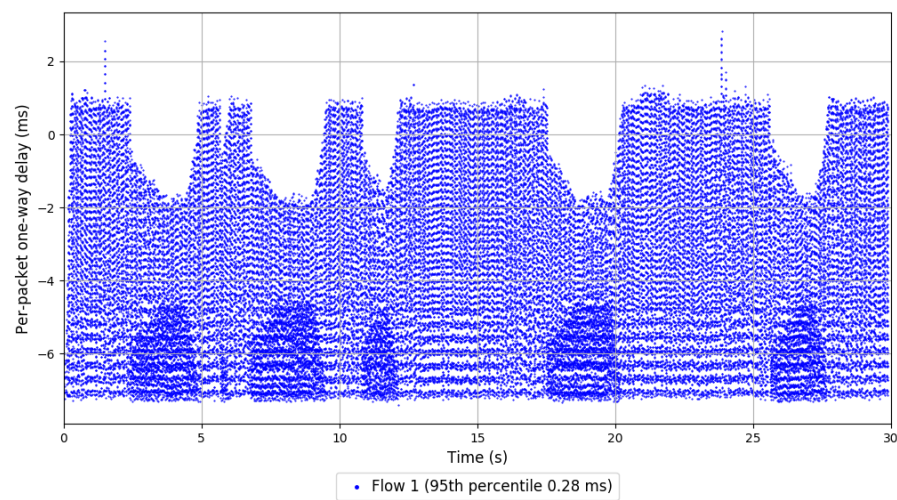
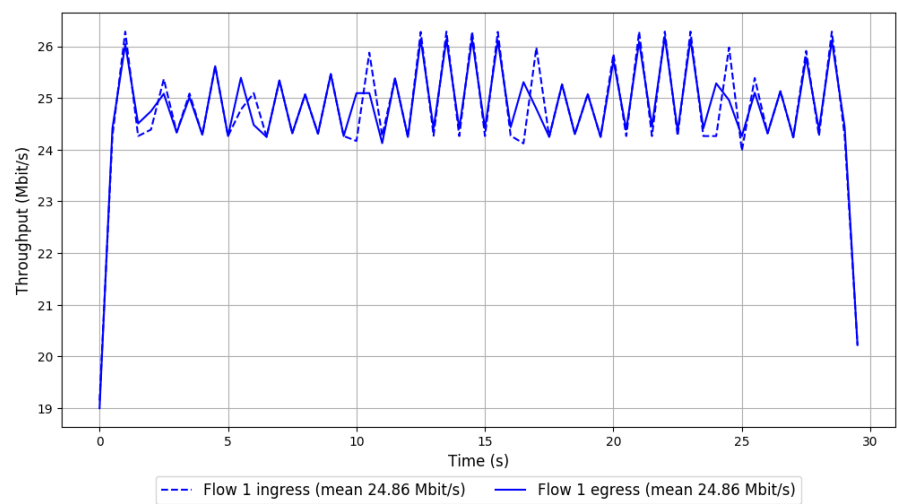
-- Flow 1:

Average throughput: 24.86 Mbit/s

95th percentile per-packet one-way delay: 0.280 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Mon, 24 Jul 2017 21:07:51 +0000

End at: Mon, 24 Jul 2017 21:08:21 +0000

Local clock offset: 3.728 ms

Remote clock offset: -25.681 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.44 Mbit/s

95th percentile per-packet one-way delay: -3.273 ms

Loss rate: 0.00%

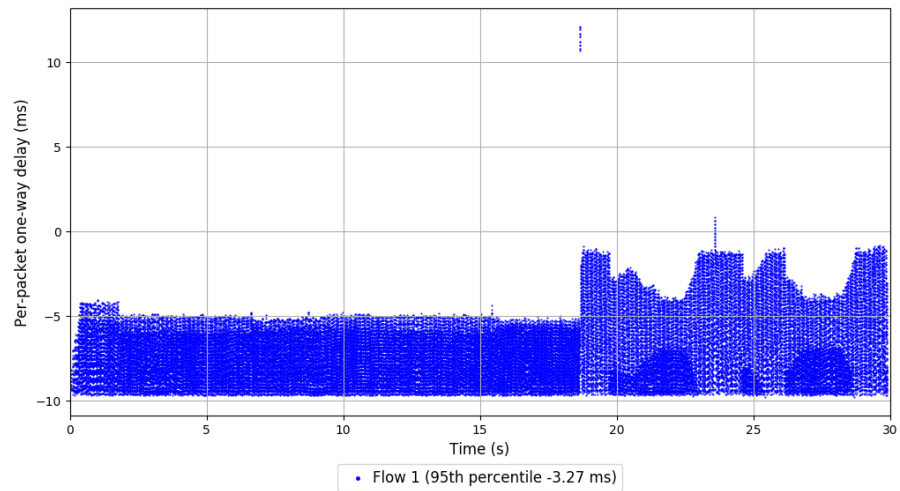
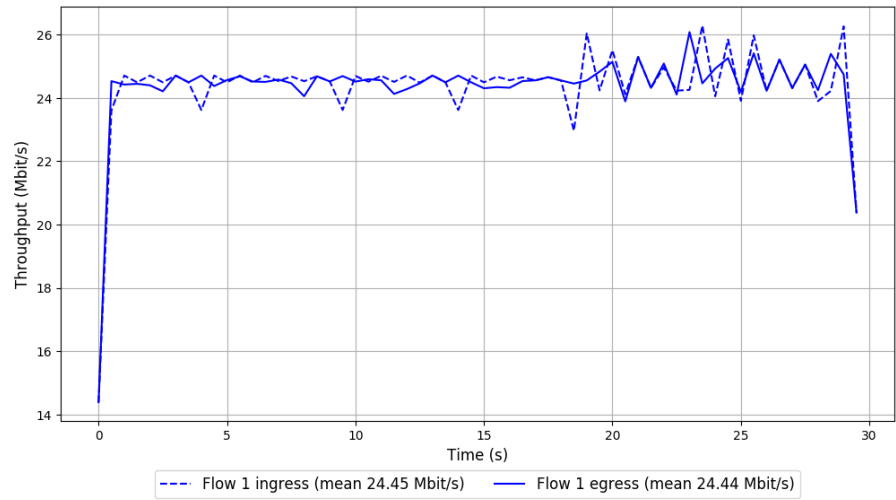
-- Flow 1:

Average throughput: 24.44 Mbit/s

95th percentile per-packet one-way delay: -3.273 ms

Loss rate: 0.00%

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



Run 5: Statistics of Sprout

Start at: Mon, 24 Jul 2017 21:25:47 +0000

End at: Mon, 24 Jul 2017 21:26:17 +0000

Local clock offset: 0.603 ms

Remote clock offset: -24.781 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 1.934 ms

Loss rate: 0.00%

-- Flow 1:

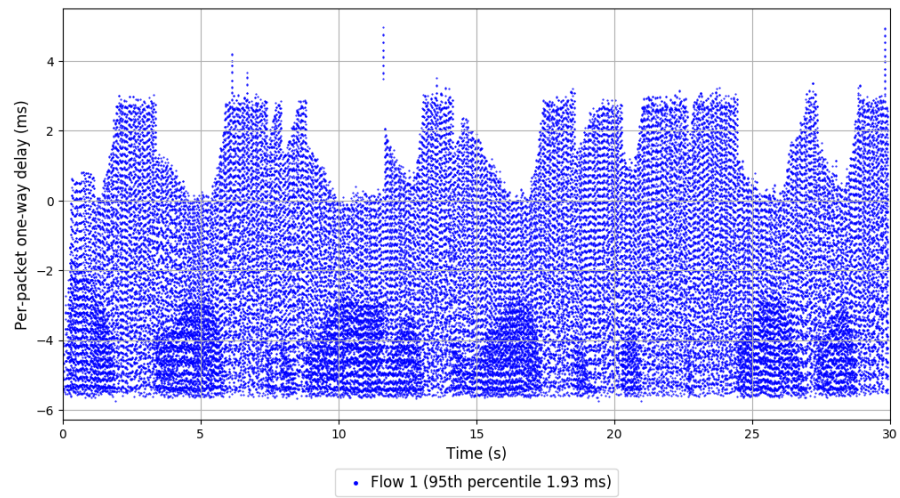
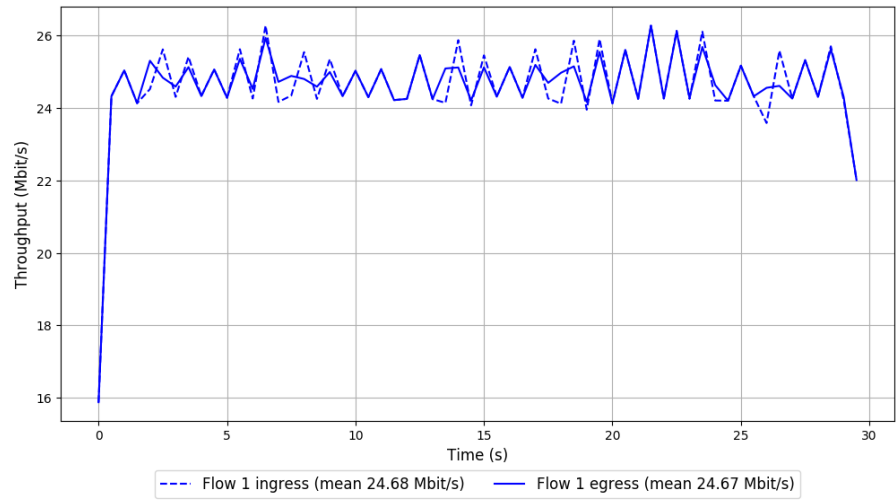
Average throughput: 24.67 Mbit/s

95th percentile per-packet one-way delay: 1.934 ms

Loss rate: 0.00%



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



Run 6: Statistics of Sprout

Start at: Mon, 24 Jul 2017 21:43:33 +0000

End at: Mon, 24 Jul 2017 21:44:03 +0000

Local clock offset: 2.601 ms

Remote clock offset: -23.319 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 1.663 ms

Loss rate: 0.00%

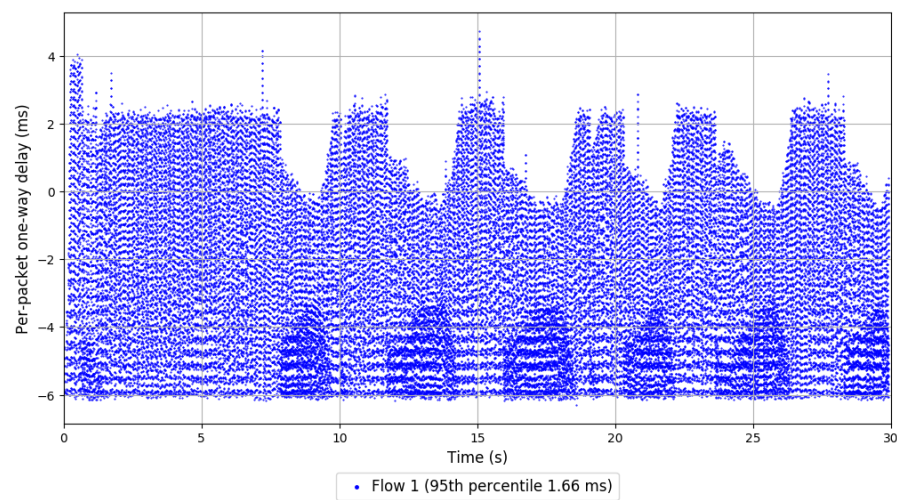
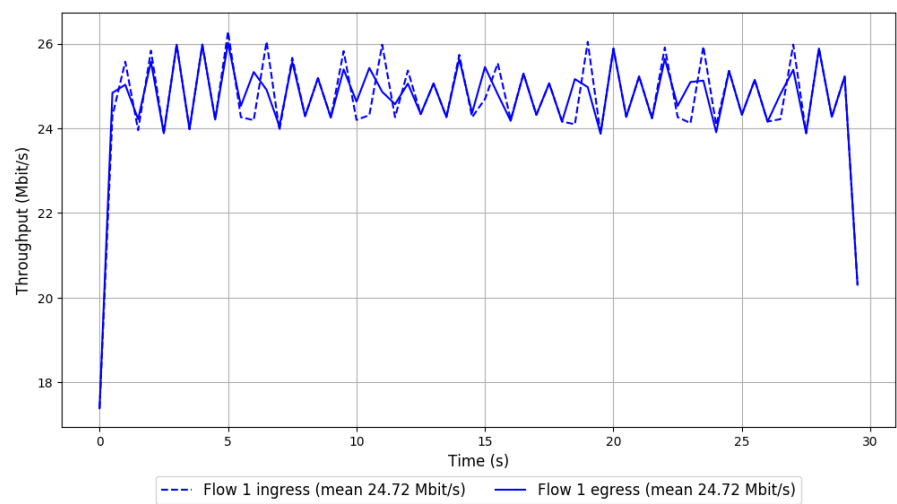
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 1.663 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Mon, 24 Jul 2017 22:01:12 +0000

End at: Mon, 24 Jul 2017 22:01:42 +0000

Local clock offset: 1.583 ms

Remote clock offset: -25.662 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.78 Mbit/s

95th percentile per-packet one-way delay: 0.267 ms

Loss rate: 0.00%

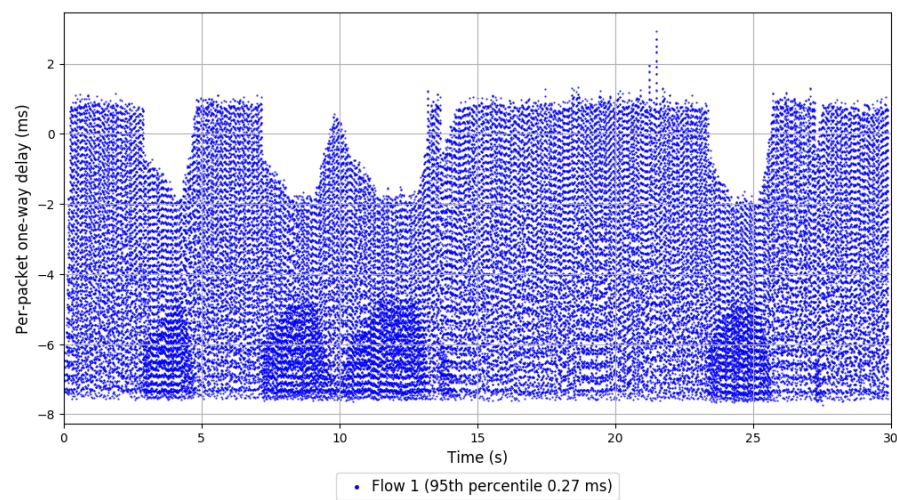
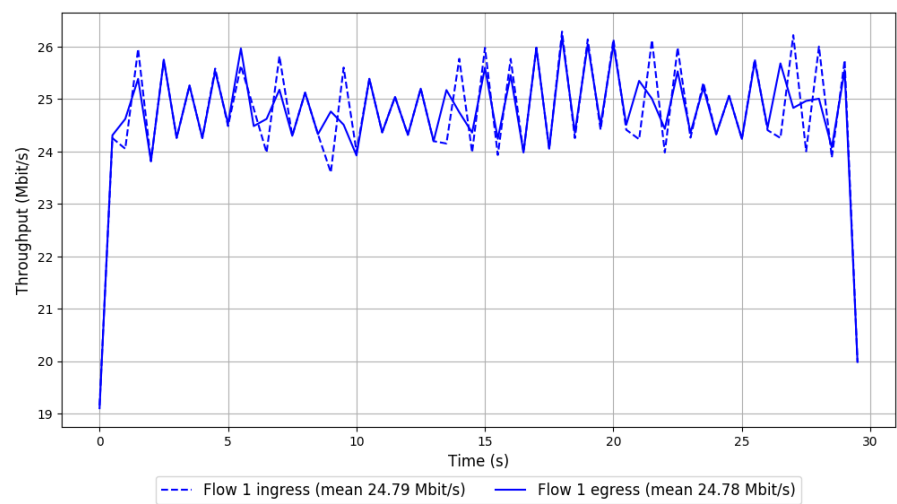
-- Flow 1:

Average throughput: 24.78 Mbit/s

95th percentile per-packet one-way delay: 0.267 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Mon, 24 Jul 2017 22:19:13 +0000

End at: Mon, 24 Jul 2017 22:19:43 +0000

Local clock offset: 1.473 ms

Remote clock offset: -22.578 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.75 Mbit/s

95th percentile per-packet one-way delay: 2.018 ms

Loss rate: 0.00%

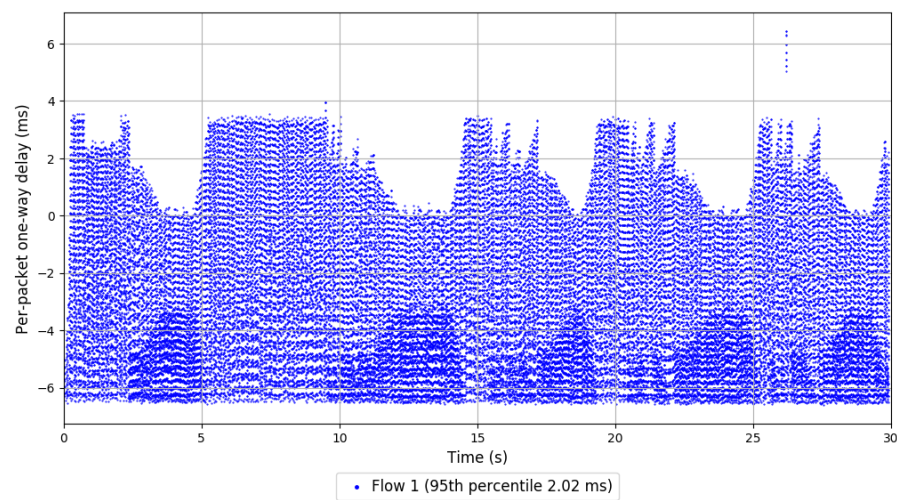
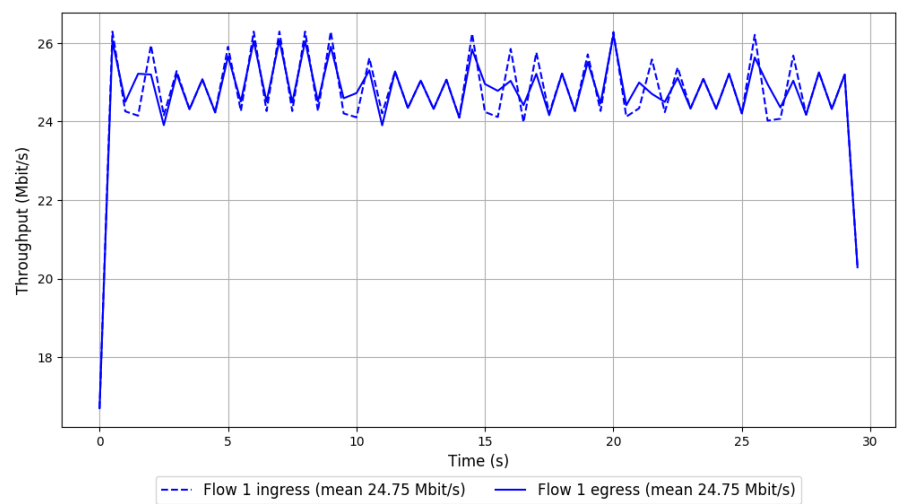
-- Flow 1:

Average throughput: 24.75 Mbit/s

95th percentile per-packet one-way delay: 2.018 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Mon, 24 Jul 2017 22:37:08 +0000

End at: Mon, 24 Jul 2017 22:37:38 +0000

Local clock offset: 4.11 ms

Remote clock offset: -23.259 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: -2.465 ms

Loss rate: 0.00%

-- Flow 1:

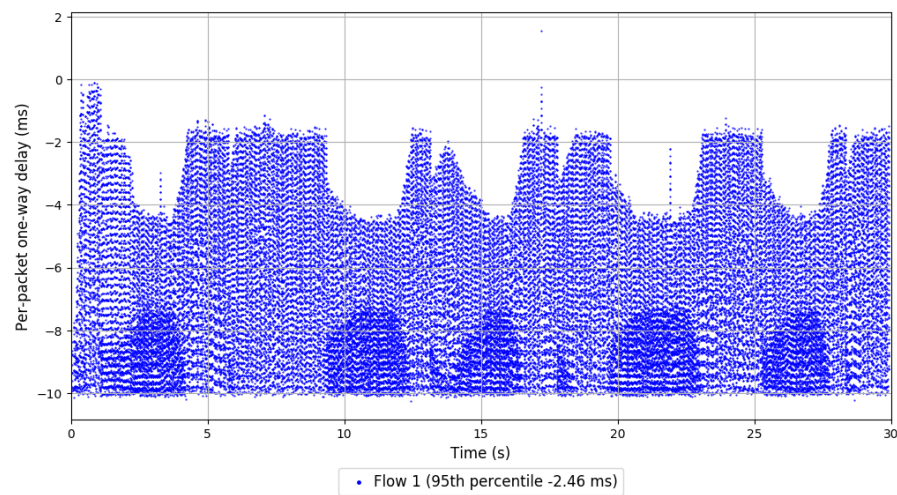
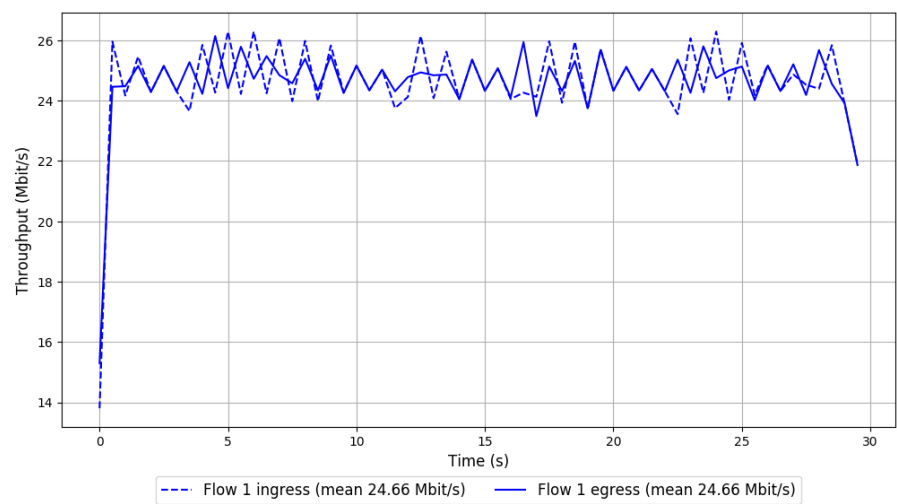
Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: -2.465 ms

Loss rate: 0.00%



Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Mon, 24 Jul 2017 22:54:37 +0000

End at: Mon, 24 Jul 2017 22:55:08 +0000

Local clock offset: 5.424 ms

Remote clock offset: -21.875 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: -2.819 ms

Loss rate: 0.00%

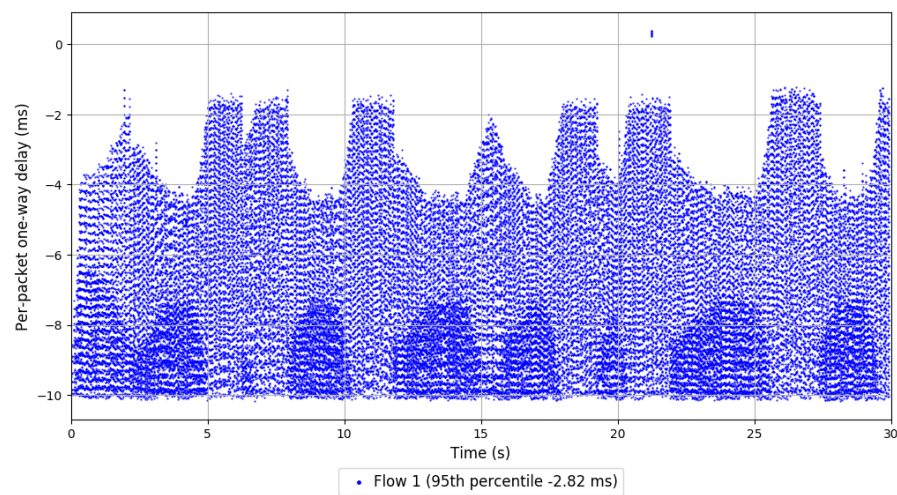
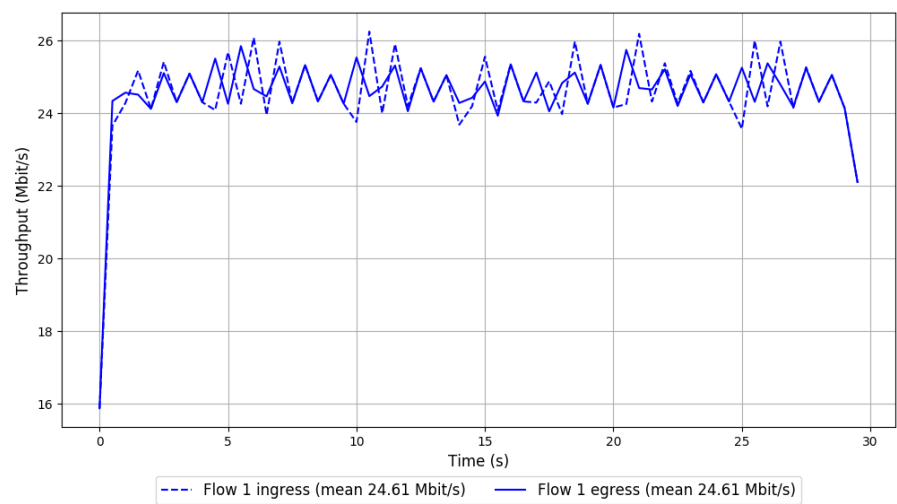
-- Flow 1:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: -2.819 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 20:07:06 +0000

End at: Mon, 24 Jul 2017 20:07:36 +0000

Local clock offset: 3.05 ms

Remote clock offset: -23.713 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: -6.288 ms

Loss rate: 0.00%

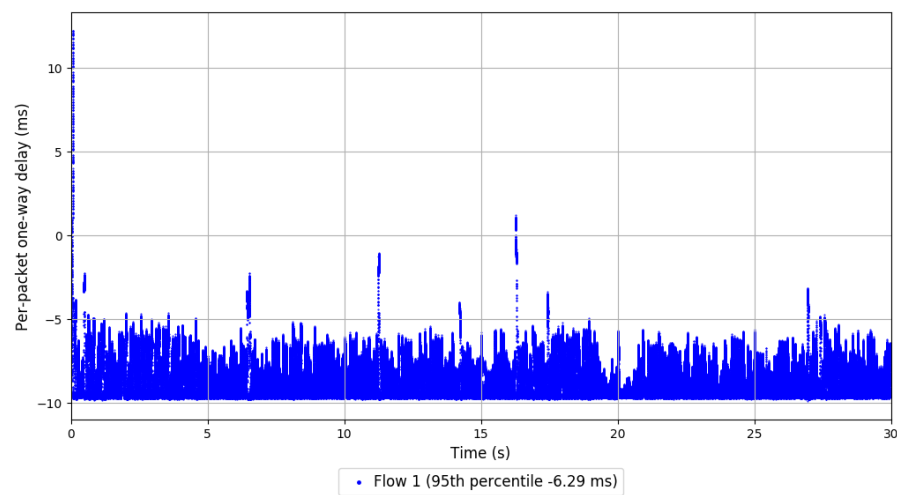
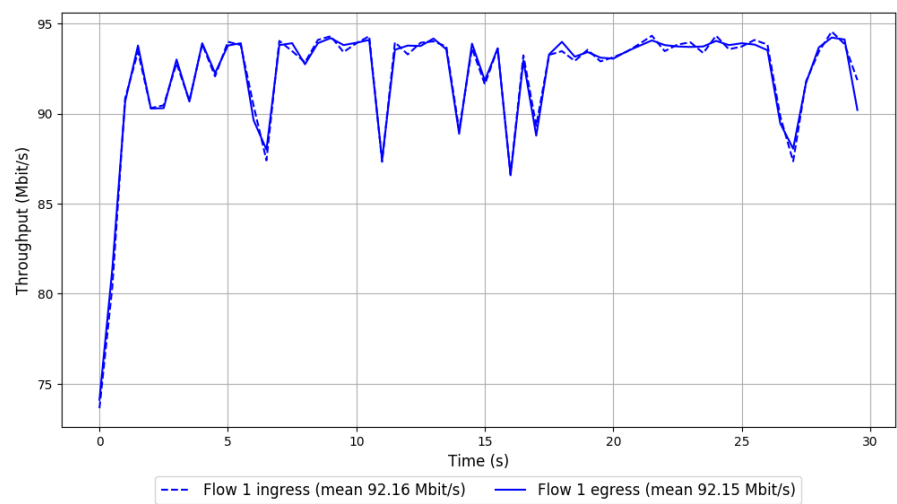
-- Flow 1:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: -6.288 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 20:24:59 +0000

End at: Mon, 24 Jul 2017 20:25:29 +0000

Local clock offset: 3.768 ms

Remote clock offset: -24.446 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.25 Mbit/s

95th percentile per-packet one-way delay: -6.618 ms

Loss rate: 0.00%

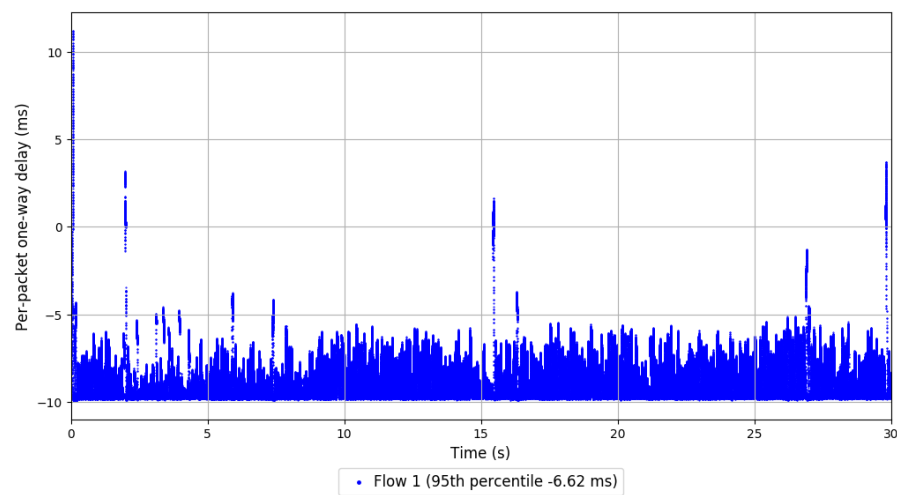
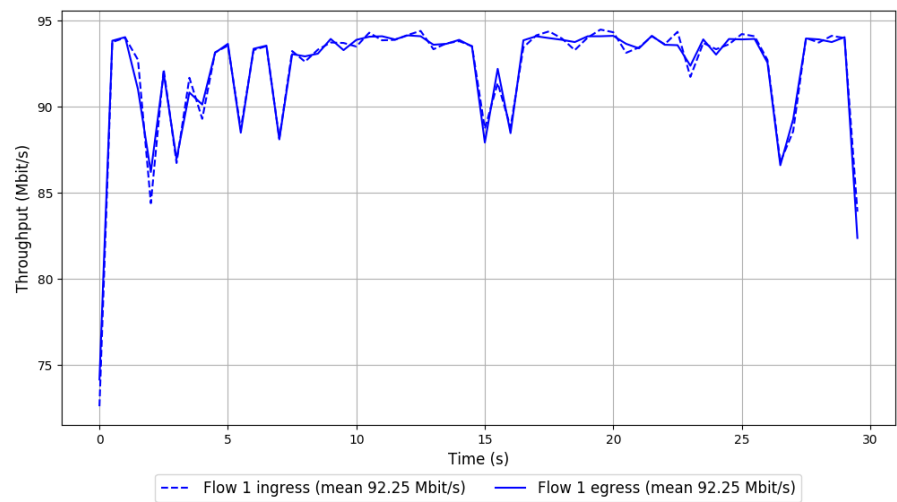
-- Flow 1:

Average throughput: 92.25 Mbit/s

95th percentile per-packet one-way delay: -6.618 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 20:43:03 +0000

End at: Mon, 24 Jul 2017 20:43:33 +0000

Local clock offset: 2.626 ms

Remote clock offset: -25.411 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.74 Mbit/s

95th percentile per-packet one-way delay: -4.889 ms

Loss rate: 0.00%

-- Flow 1:

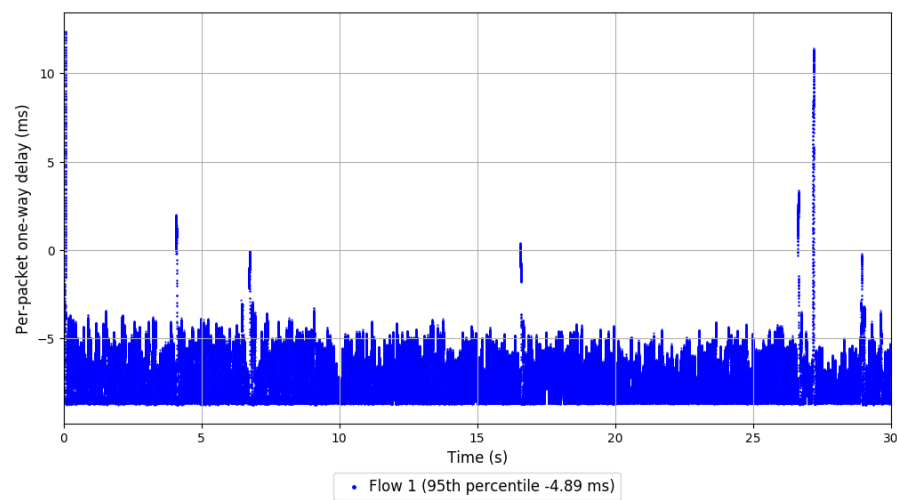
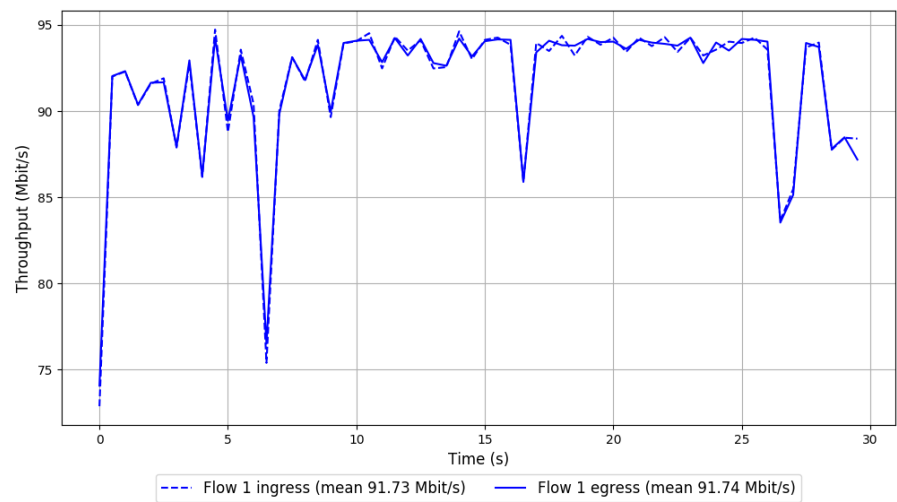
Average throughput: 91.74 Mbit/s

95th percentile per-packet one-way delay: -4.889 ms

Loss rate: 0.00%



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



Run 4: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 21:00:28 +0000

End at: Mon, 24 Jul 2017 21:00:58 +0000

Local clock offset: 0.752 ms

Remote clock offset: -24.74 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.88 Mbit/s

95th percentile per-packet one-way delay: -1.444 ms

Loss rate: 0.00%

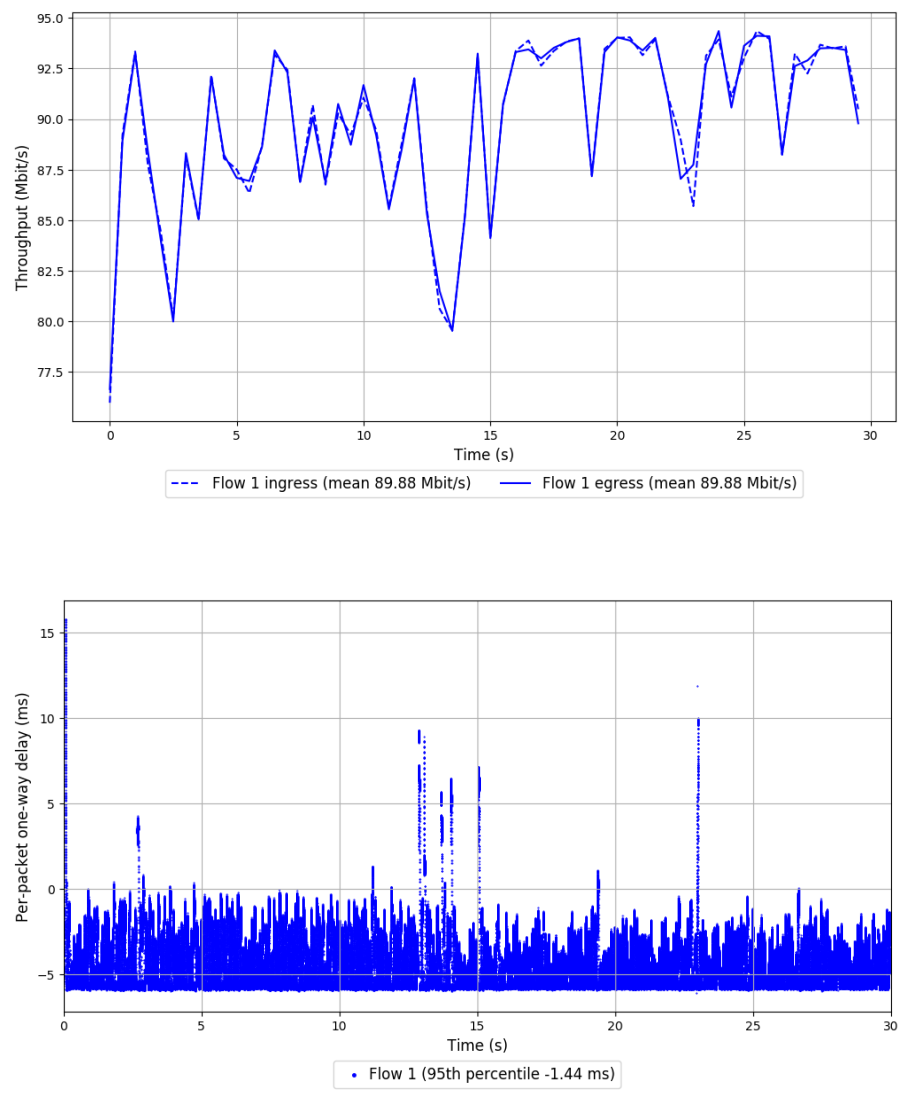
-- Flow 1:

Average throughput: 89.88 Mbit/s

95th percentile per-packet one-way delay: -1.444 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 21:18:29 +0000

End at: Mon, 24 Jul 2017 21:18:59 +0000

Local clock offset: 1.234 ms

Remote clock offset: -27.005 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.05 Mbit/s

95th percentile per-packet one-way delay: -4.448 ms

Loss rate: 0.00%

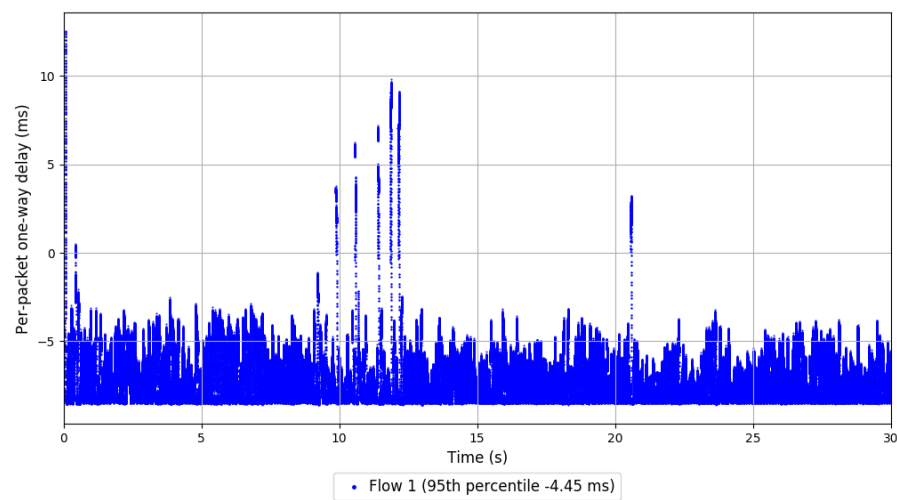
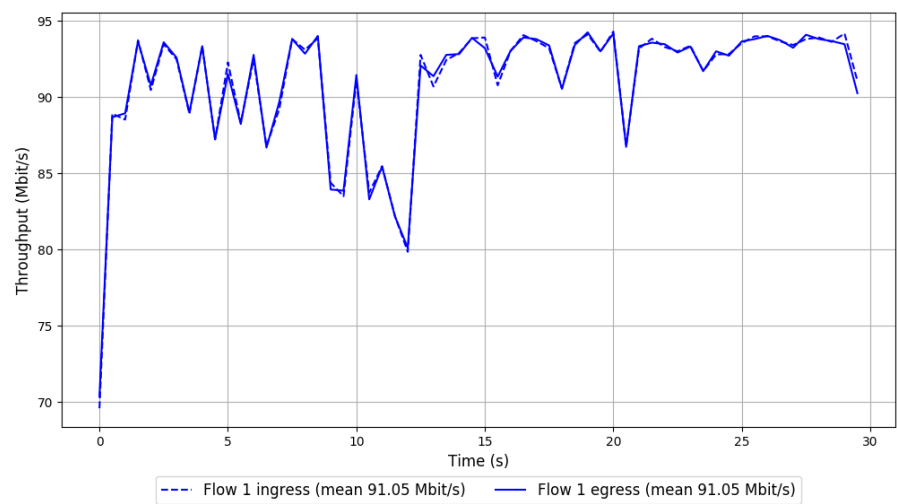
-- Flow 1:

Average throughput: 91.05 Mbit/s

95th percentile per-packet one-way delay: -4.448 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 21:36:18 +0000

End at: Mon, 24 Jul 2017 21:36:48 +0000

Local clock offset: 3.625 ms

Remote clock offset: -26.207 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: -5.746 ms

Loss rate: 0.00%

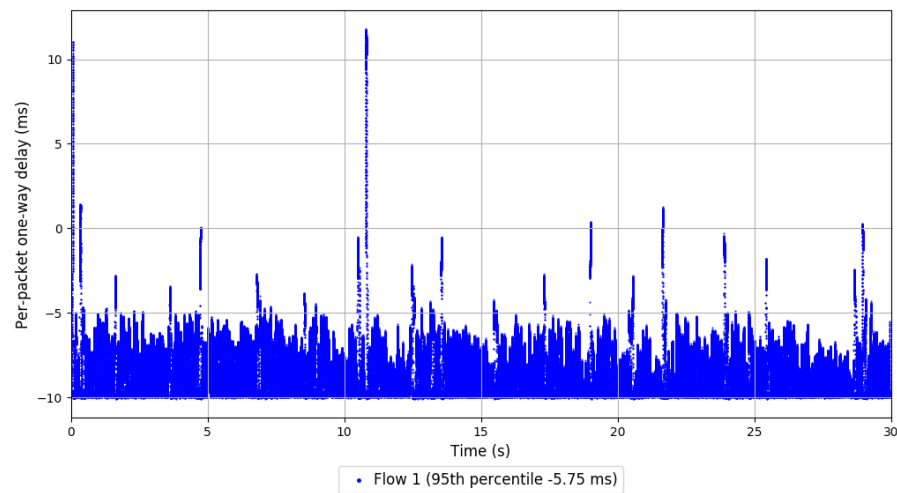
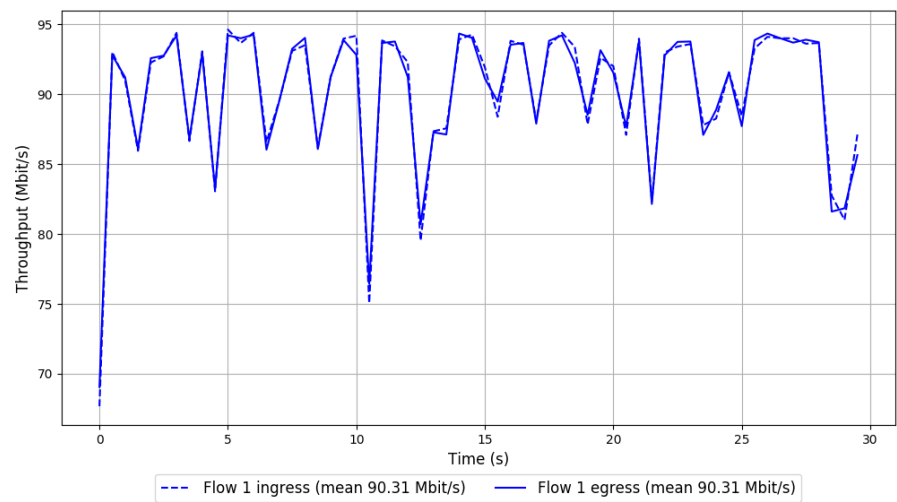
-- Flow 1:

Average throughput: 90.31 Mbit/s

95th percentile per-packet one-way delay: -5.746 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 21:53:55 +0000

End at: Mon, 24 Jul 2017 21:54:25 +0000

Local clock offset: 1.393 ms

Remote clock offset: -25.957 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.78 Mbit/s

95th percentile per-packet one-way delay: -3.084 ms

Loss rate: 0.00%

-- Flow 1:

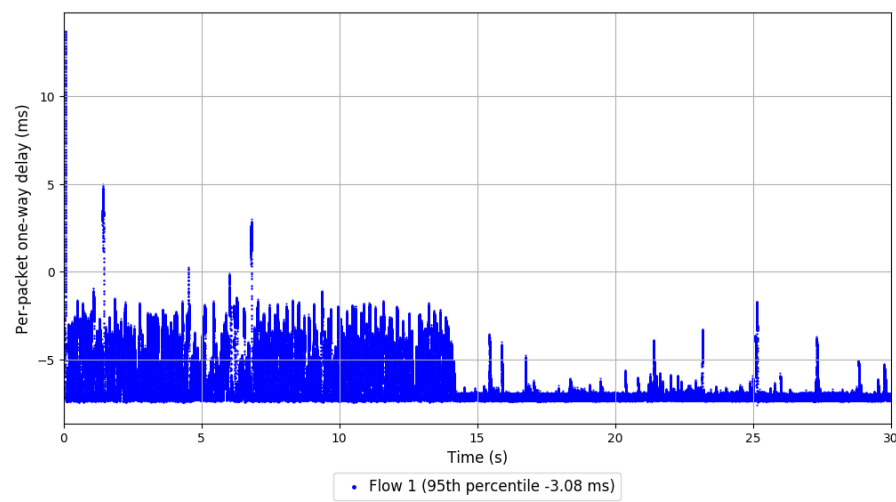
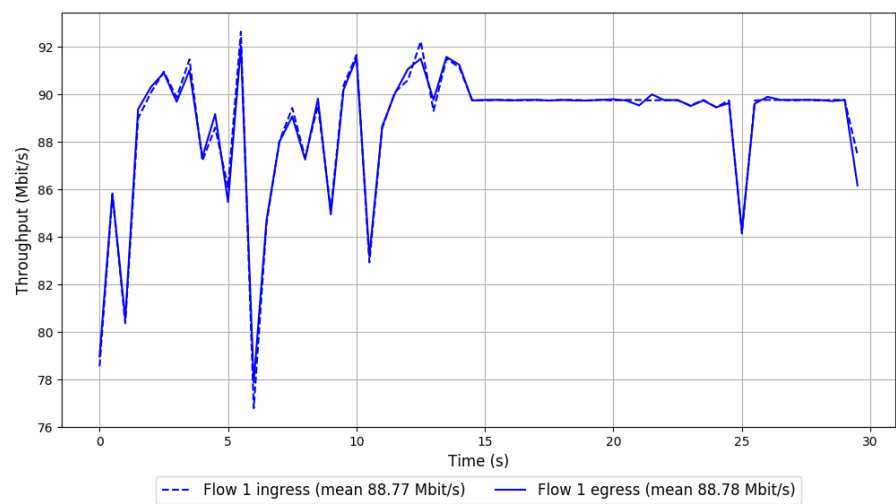
Average throughput: 88.78 Mbit/s

95th percentile per-packet one-way delay: -3.084 ms

Loss rate: 0.00%



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



Run 8: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 22:11:54 +0000

End at: Mon, 24 Jul 2017 22:12:24 +0000

Local clock offset: 1.966 ms

Remote clock offset: -24.47 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.65 Mbit/s

95th percentile per-packet one-way delay: -4.354 ms

Loss rate: 0.00%

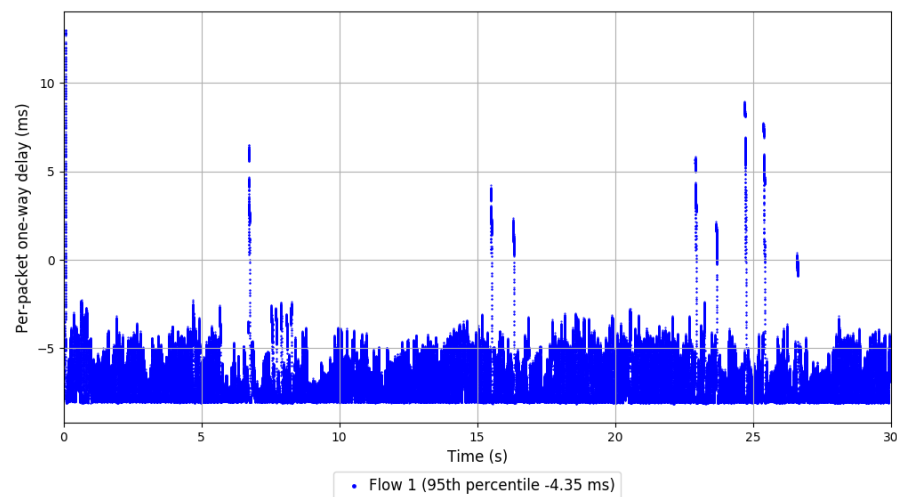
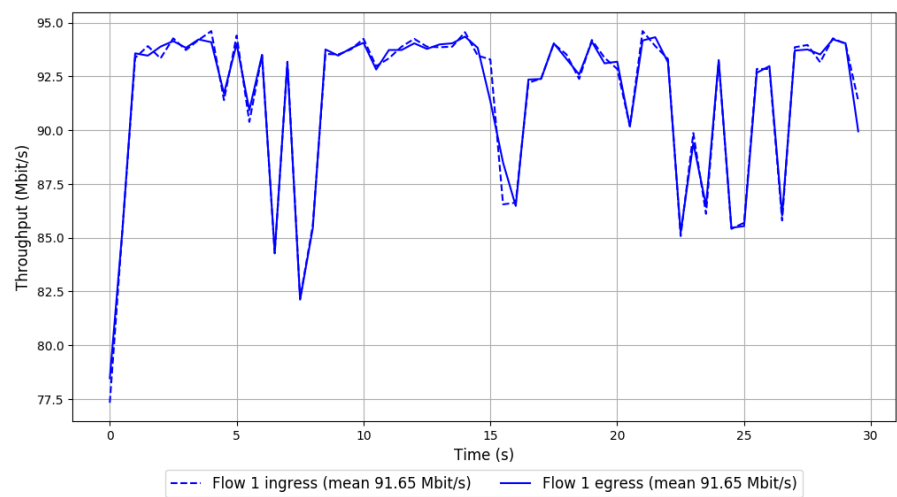
-- Flow 1:

Average throughput: 91.65 Mbit/s

95th percentile per-packet one-way delay: -4.354 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 22:29:47 +0000

End at: Mon, 24 Jul 2017 22:30:17 +0000

Local clock offset: -0.817 ms

Remote clock offset: -21.162 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.87 Mbit/s

95th percentile per-packet one-way delay: 1.123 ms

Loss rate: 0.00%

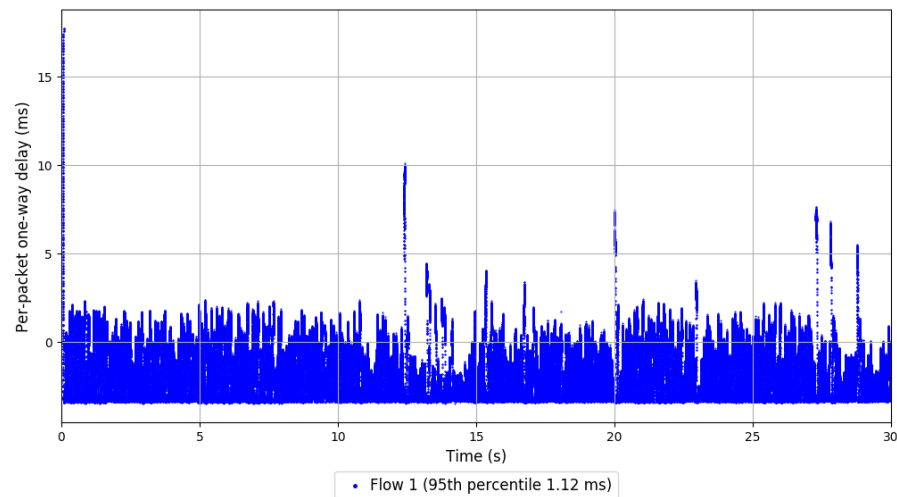
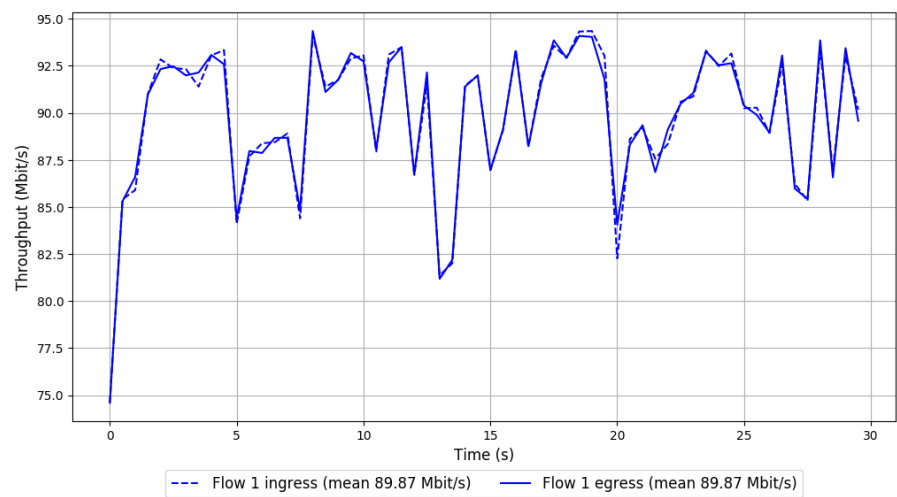
-- Flow 1:

Average throughput: 89.87 Mbit/s

95th percentile per-packet one-way delay: 1.123 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 22:47:28 +0000

End at: Mon, 24 Jul 2017 22:47:58 +0000

Local clock offset: -0.039 ms

Remote clock offset: -23.432 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: -1.703 ms

Loss rate: 0.00%

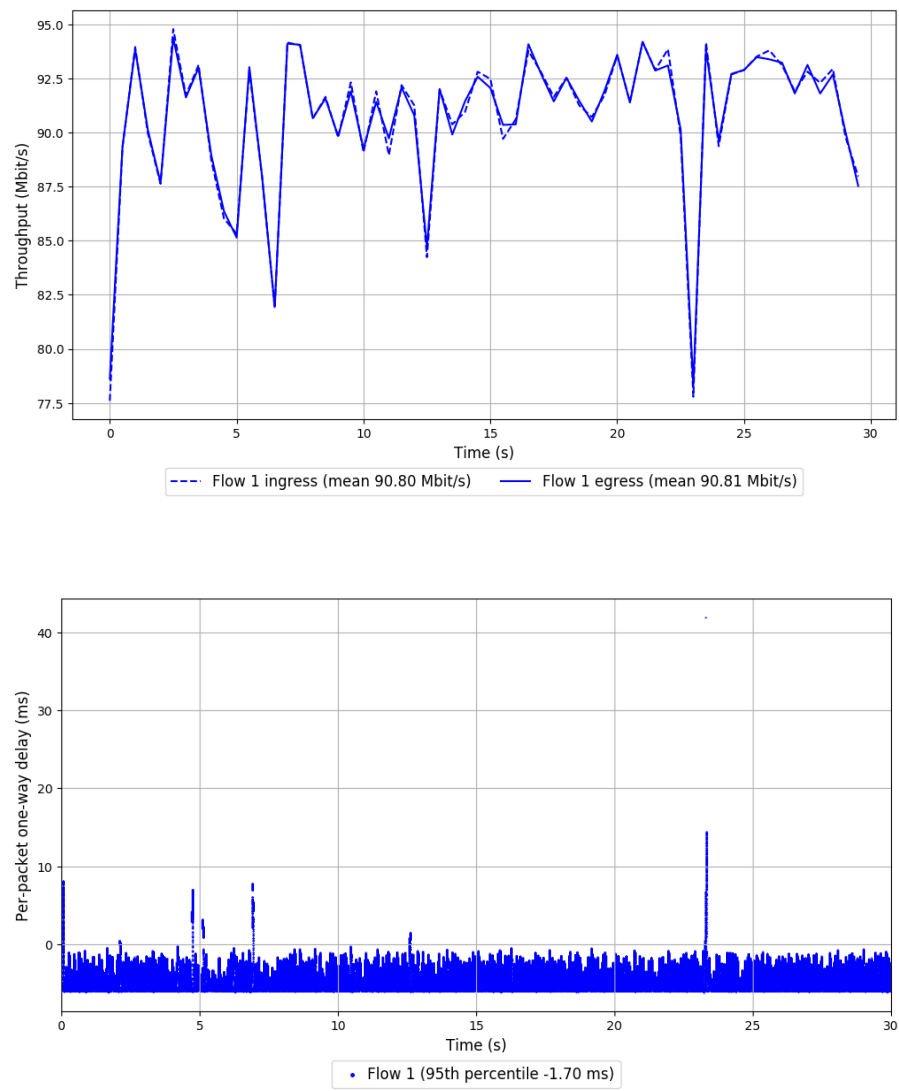
-- Flow 1:

Average throughput: 90.81 Mbit/s

95th percentile per-packet one-way delay: -1.703 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 20:10:41 +0000

End at: Mon, 24 Jul 2017 20:11:11 +0000

Local clock offset: 1.882 ms

Remote clock offset: -22.505 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: -2.824 ms

Loss rate: 0.41%

-- Flow 1:

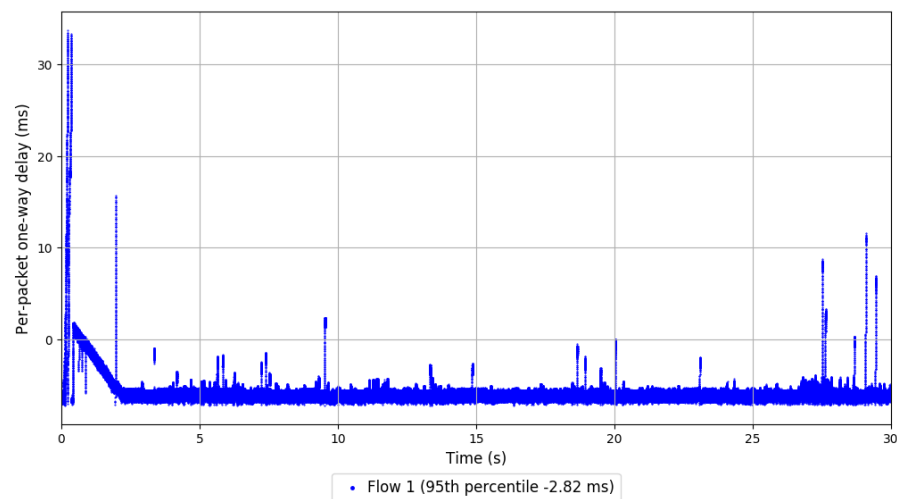
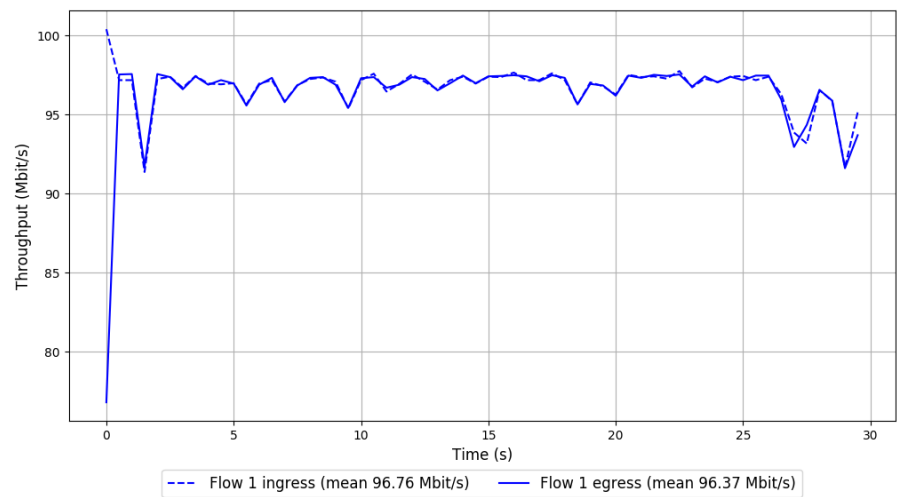
Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: -2.824 ms

Loss rate: 0.41%



Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 20:28:42 +0000

End at: Mon, 24 Jul 2017 20:29:12 +0000

Local clock offset: 0.721 ms

Remote clock offset: -26.023 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.74 Mbit/s

95th percentile per-packet one-way delay: -0.319 ms

Loss rate: 0.16%

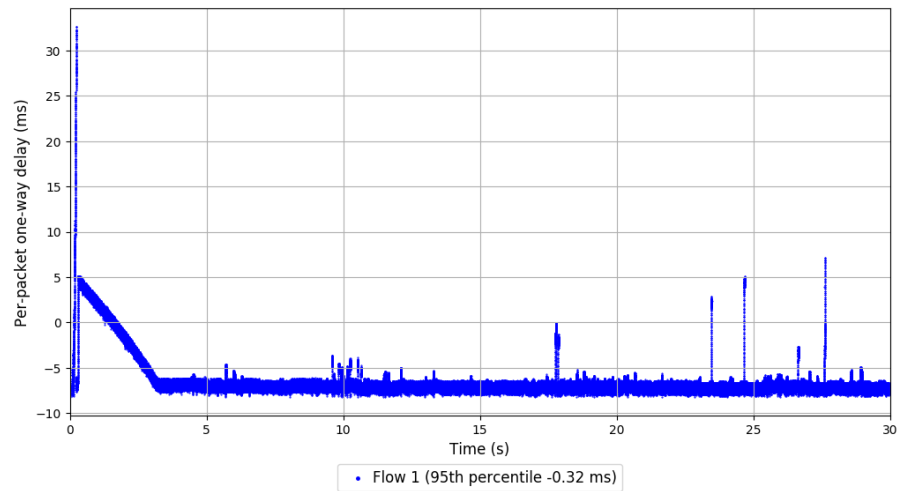
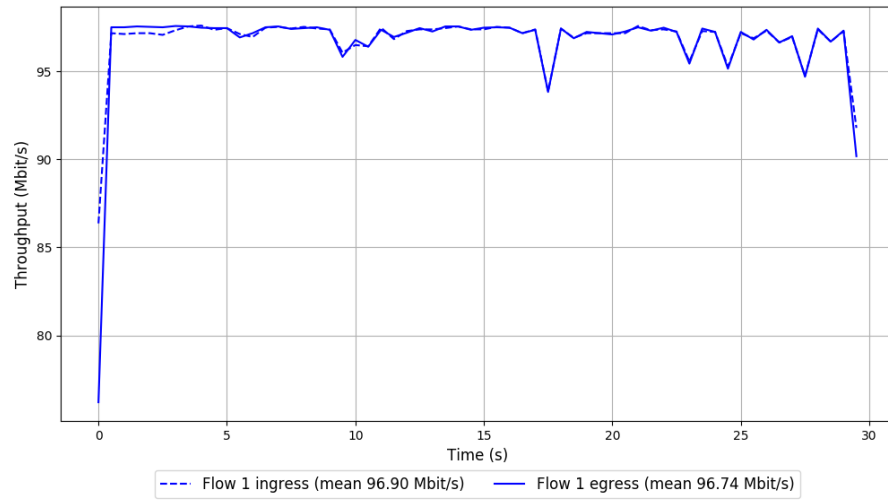
-- Flow 1:

Average throughput: 96.74 Mbit/s

95th percentile per-packet one-way delay: -0.319 ms

Loss rate: 0.16%

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



Run 3: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 20:46:36 +0000

End at: Mon, 24 Jul 2017 20:47:06 +0000

Local clock offset: -0.012 ms

Remote clock offset: -25.727 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 1.649 ms

Loss rate: 0.16%

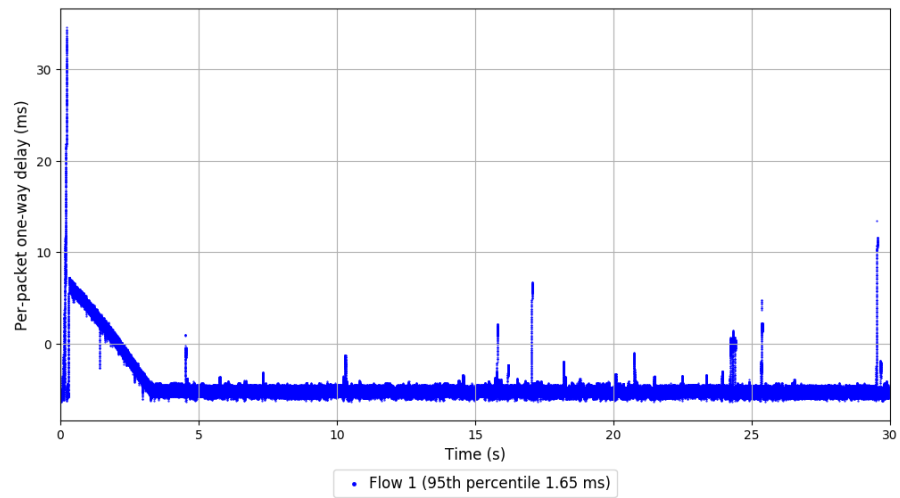
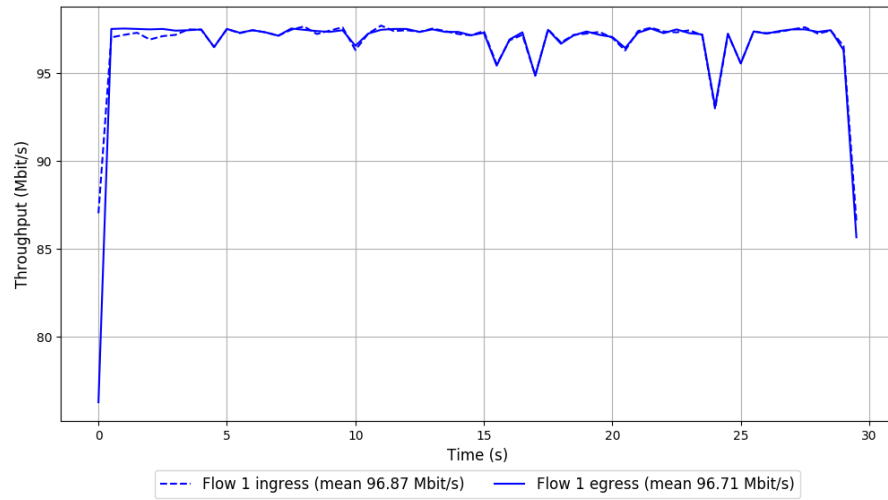
-- Flow 1:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 1.649 ms

Loss rate: 0.16%

### Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 21:04:14 +0000

End at: Mon, 24 Jul 2017 21:04:44 +0000

Local clock offset: -2.143 ms

Remote clock offset: -26.053 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.68 Mbit/s

95th percentile per-packet one-way delay: 3.931 ms

Loss rate: 0.17%

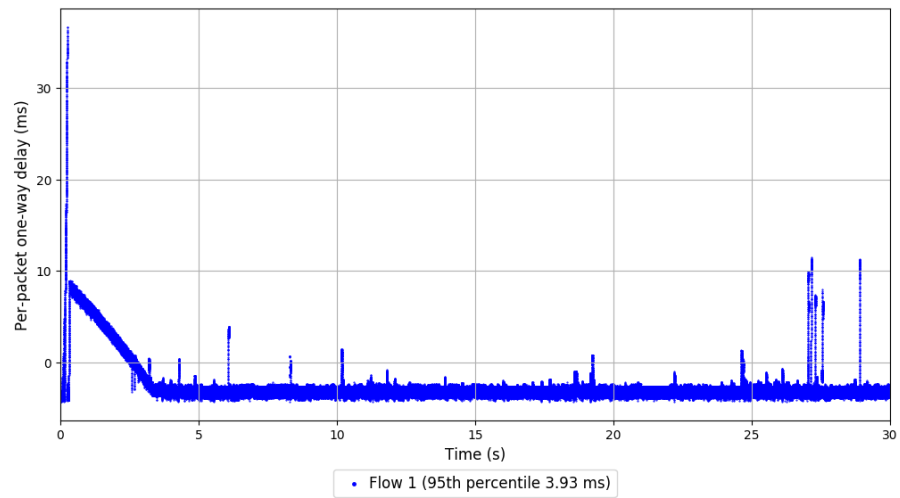
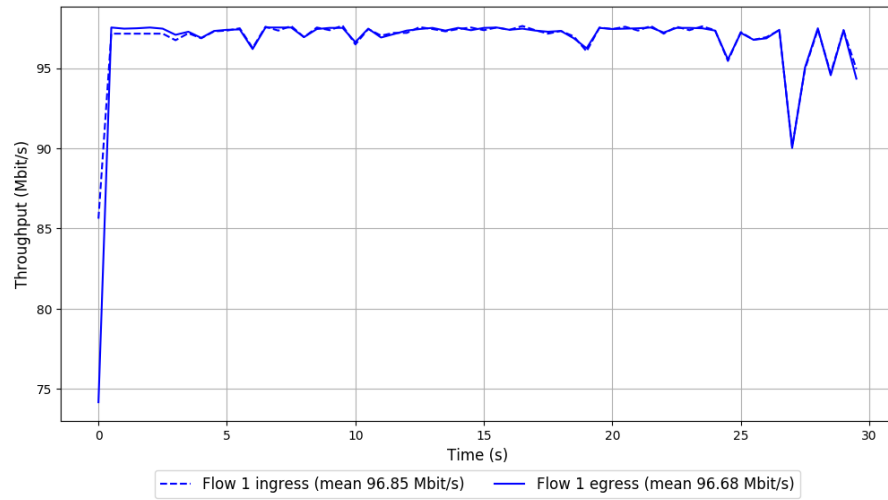
-- Flow 1:

Average throughput: 96.68 Mbit/s

95th percentile per-packet one-way delay: 3.931 ms

Loss rate: 0.17%

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



Run 5: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 21:22:02 +0000

End at: Mon, 24 Jul 2017 21:22:32 +0000

Local clock offset: 3.822 ms

Remote clock offset: -23.841 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: -0.442 ms

Loss rate: 0.17%

-- Flow 1:

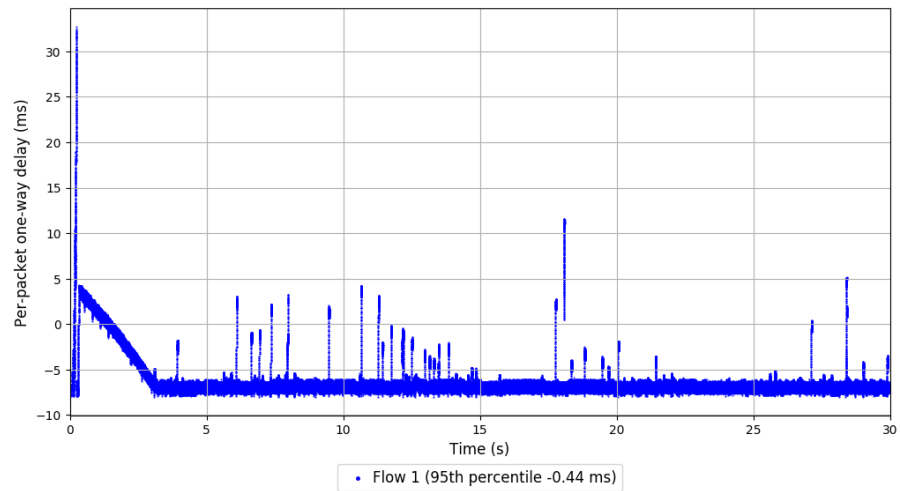
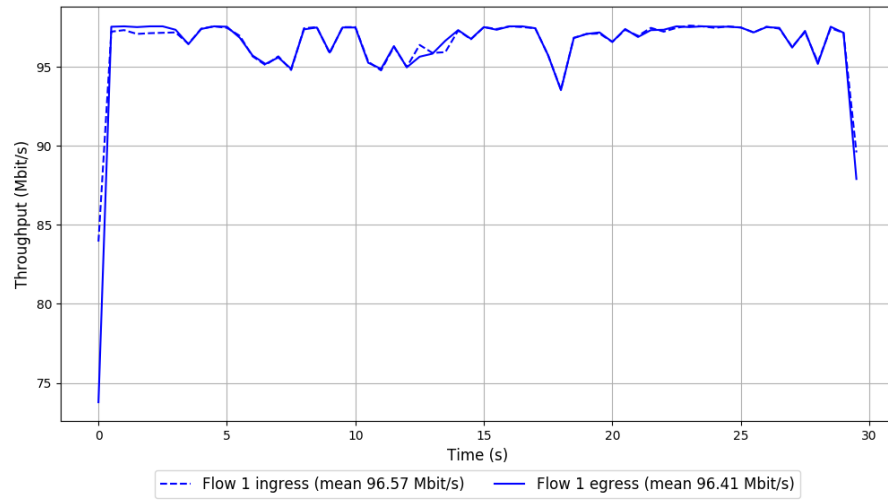
Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: -0.442 ms

Loss rate: 0.17%



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



Run 6: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 21:39:53 +0000

End at: Mon, 24 Jul 2017 21:40:23 +0000

Local clock offset: 4.014 ms

Remote clock offset: -25.072 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: -1.348 ms

Loss rate: 0.17%

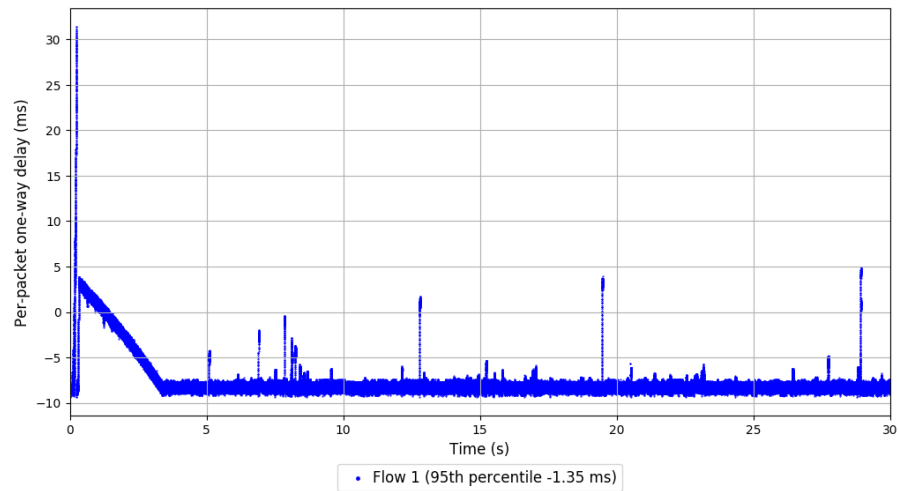
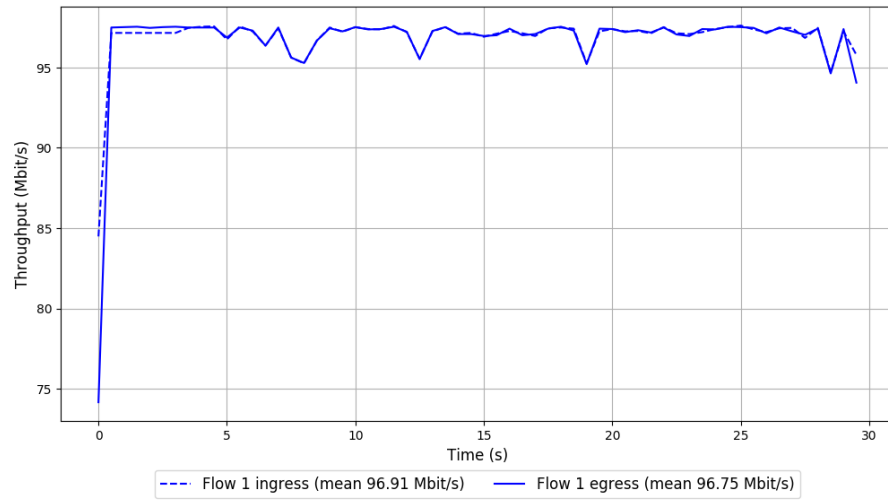
-- Flow 1:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: -1.348 ms

Loss rate: 0.17%

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



Run 7: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 21:57:37 +0000

End at: Mon, 24 Jul 2017 21:58:08 +0000

Local clock offset: 3.728 ms

Remote clock offset: -25.439 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.61 Mbit/s

95th percentile per-packet one-way delay: -1.914 ms

Loss rate: 0.17%

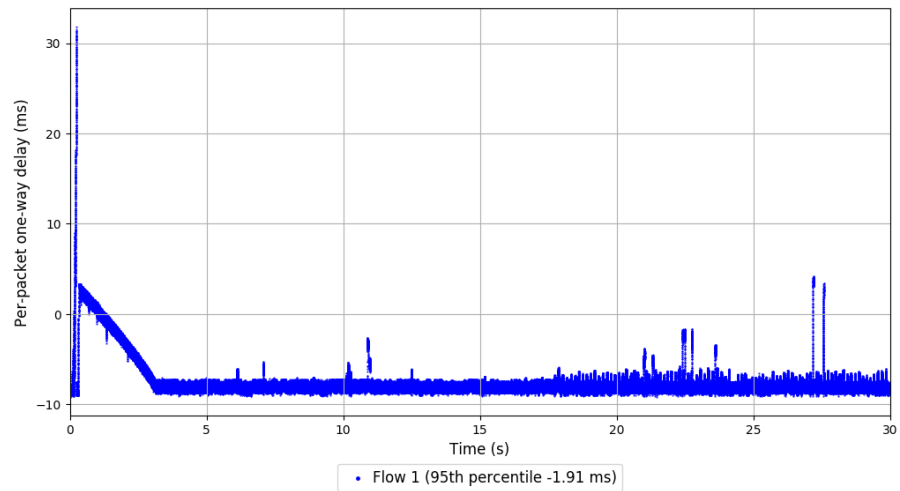
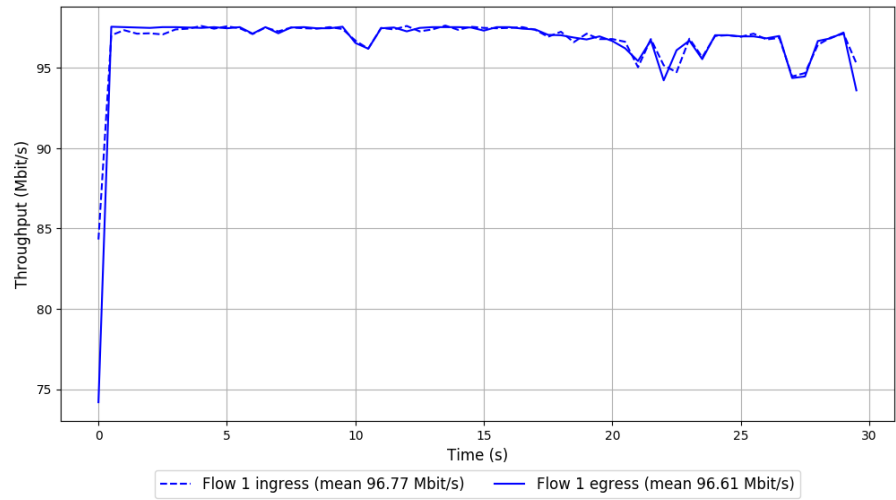
-- Flow 1:

Average throughput: 96.61 Mbit/s

95th percentile per-packet one-way delay: -1.914 ms

Loss rate: 0.17%

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



Run 8: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 22:15:35 +0000

End at: Mon, 24 Jul 2017 22:16:05 +0000

Local clock offset: 4.129 ms

Remote clock offset: -22.271 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: -1.568 ms

Loss rate: 0.16%

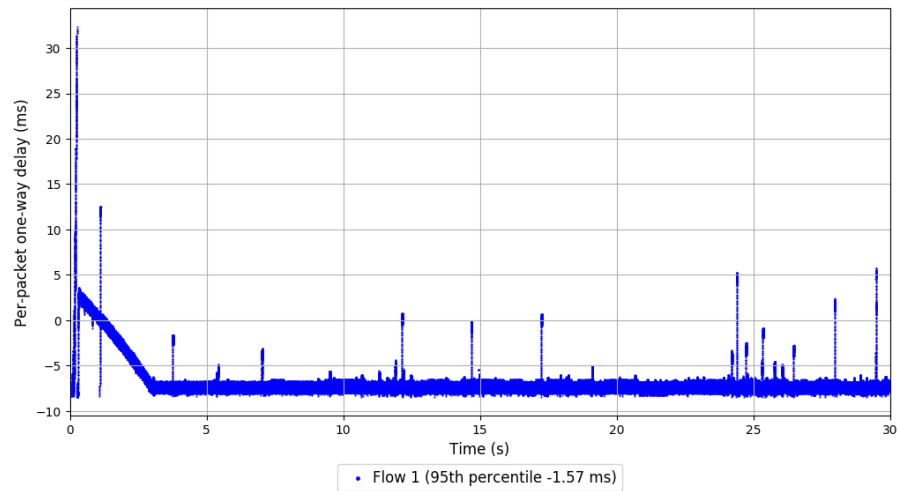
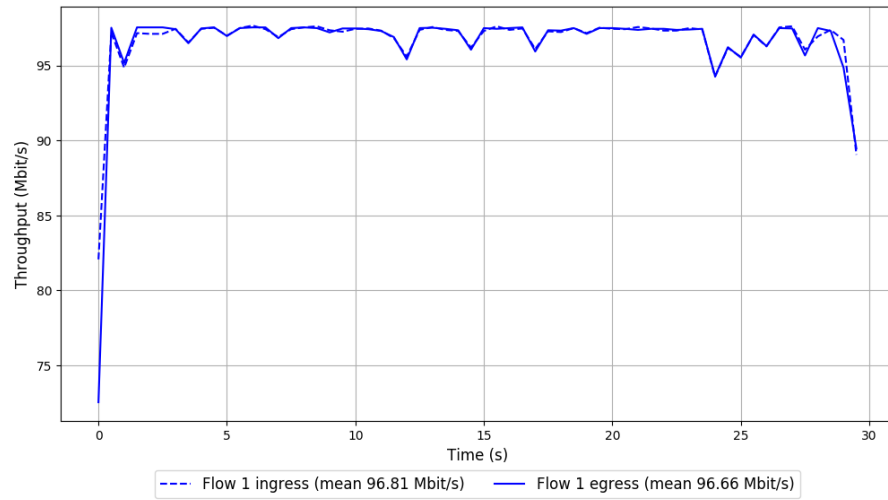
-- Flow 1:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: -1.568 ms

Loss rate: 0.16%

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



Run 9: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 22:33:34 +0000

End at: Mon, 24 Jul 2017 22:34:04 +0000

Local clock offset: 1.615 ms

Remote clock offset: -21.227 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.88 Mbit/s

95th percentile per-packet one-way delay: -4.108 ms

Loss rate: 0.00%

-- Flow 1:

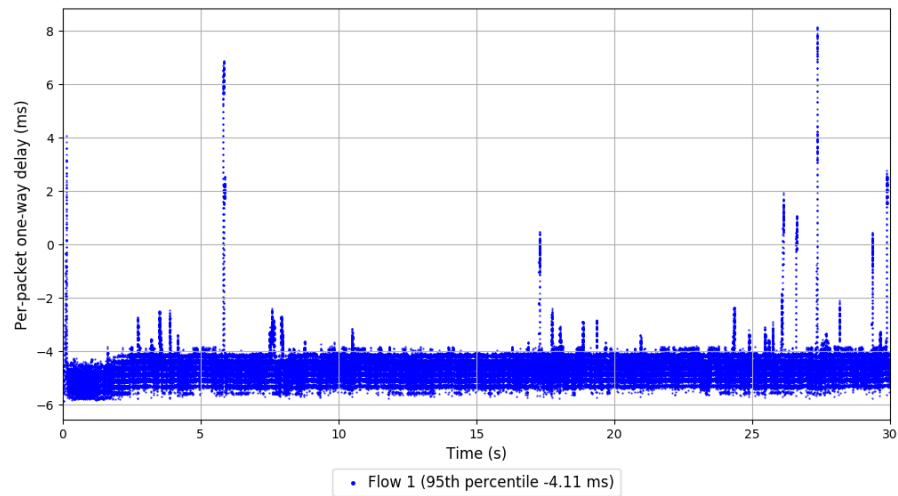
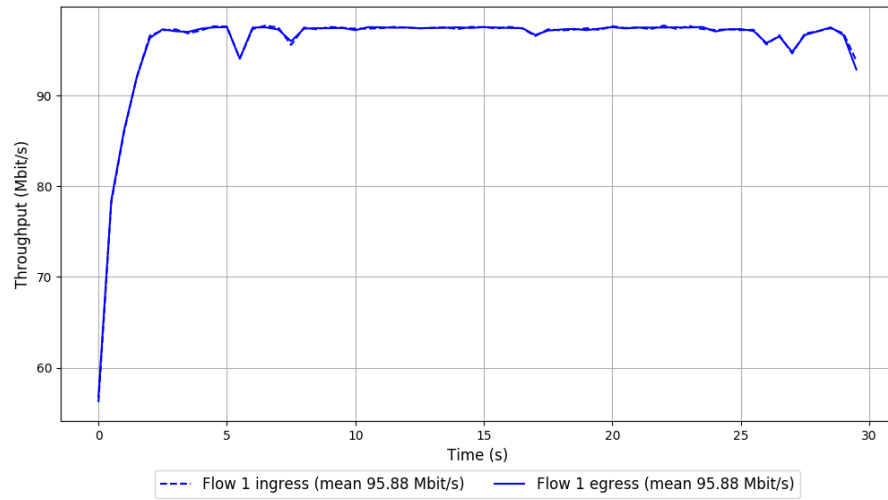
Average throughput: 95.88 Mbit/s

95th percentile per-packet one-way delay: -4.108 ms

Loss rate: 0.00%



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



Run 10: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 22:51:04 +0000

End at: Mon, 24 Jul 2017 22:51:34 +0000

Local clock offset: 2.487 ms

Remote clock offset: -24.12 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.72 Mbit/s

95th percentile per-packet one-way delay: -1.612 ms

Loss rate: 0.00%

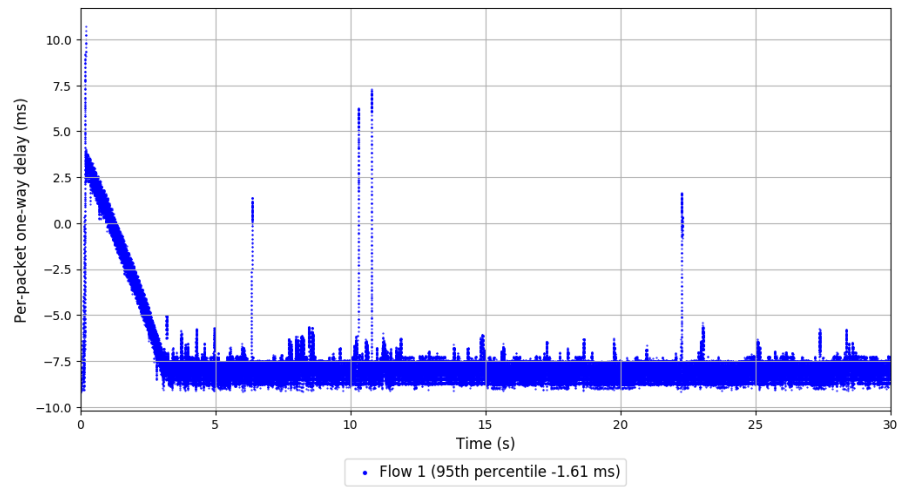
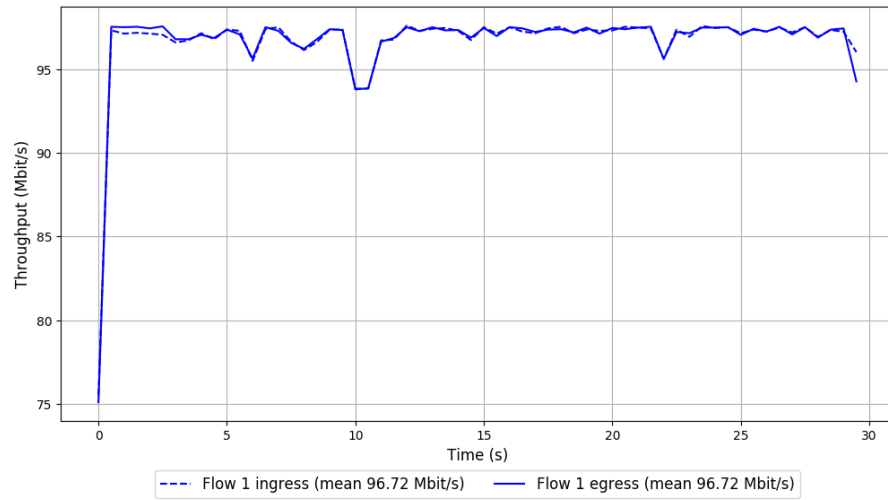
-- Flow 1:

Average throughput: 96.72 Mbit/s

95th percentile per-packet one-way delay: -1.612 ms

Loss rate: 0.00%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Mon, 24 Jul 2017 20:05:50 +0000

End at: Mon, 24 Jul 2017 20:06:20 +0000

Local clock offset: 1.501 ms

Remote clock offset: -23.479 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.66 Mbit/s

95th percentile per-packet one-way delay: 27.418 ms

Loss rate: 23.51%

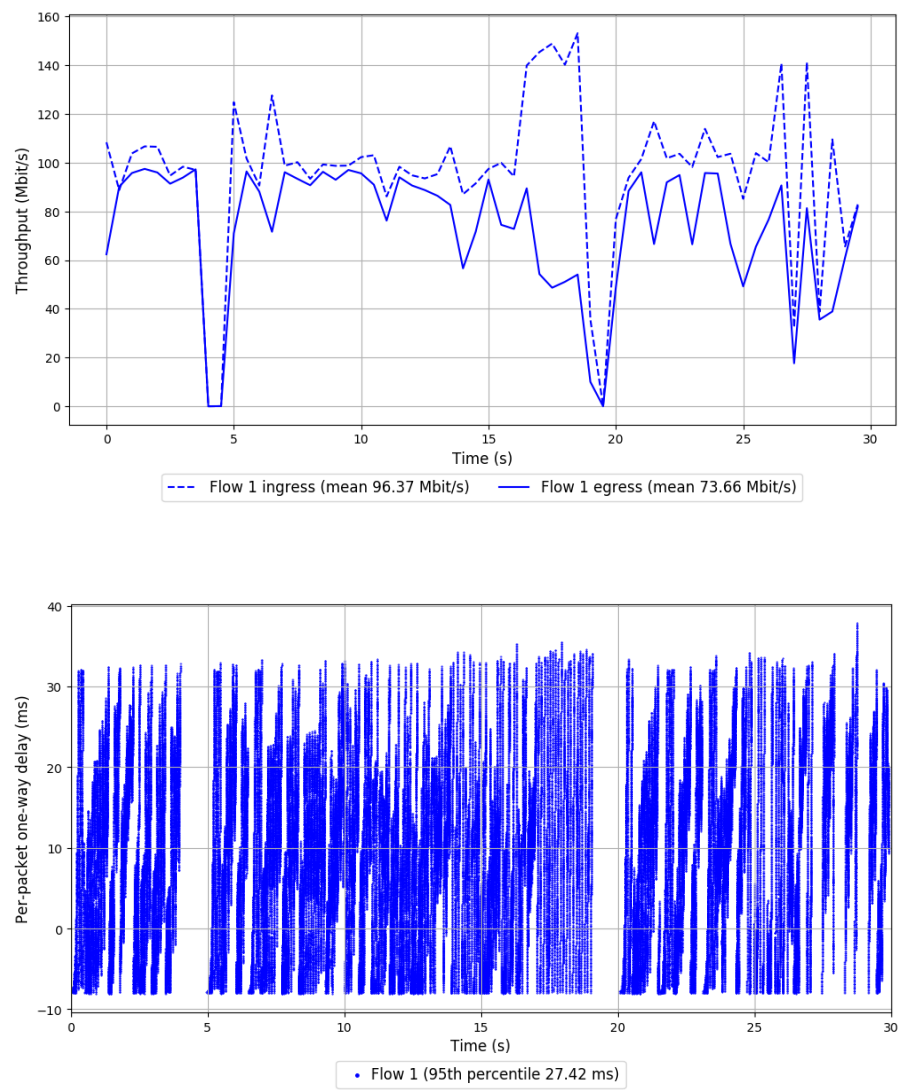
-- Flow 1:

Average throughput: 73.66 Mbit/s

95th percentile per-packet one-way delay: 27.418 ms

Loss rate: 23.51%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Mon, 24 Jul 2017 20:23:45 +0000

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

Local clock offset: -0.002 ms

Remote clock offset: -24.362 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 29.248 ms

Loss rate: 22.90%

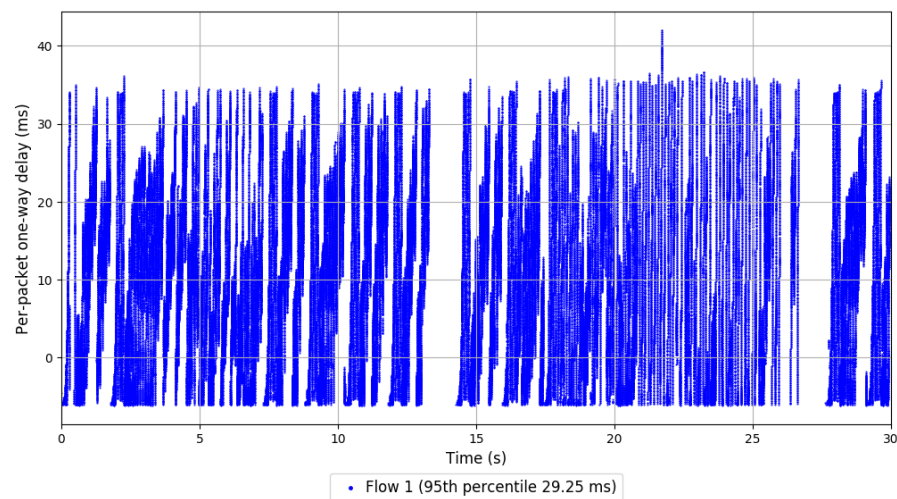
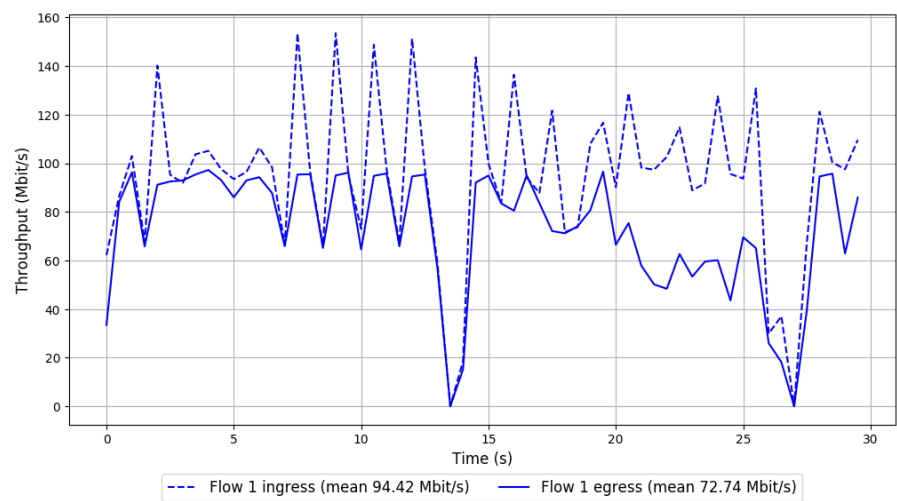
-- Flow 1:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 29.248 ms

Loss rate: 22.90%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 24 Jul 2017 20:41:50 +0000

End at: Mon, 24 Jul 2017 20:42:20 +0000

Local clock offset: 2.482 ms

Remote clock offset: -25.587 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.19 Mbit/s

95th percentile per-packet one-way delay: 26.653 ms

Loss rate: 14.62%

-- Flow 1:

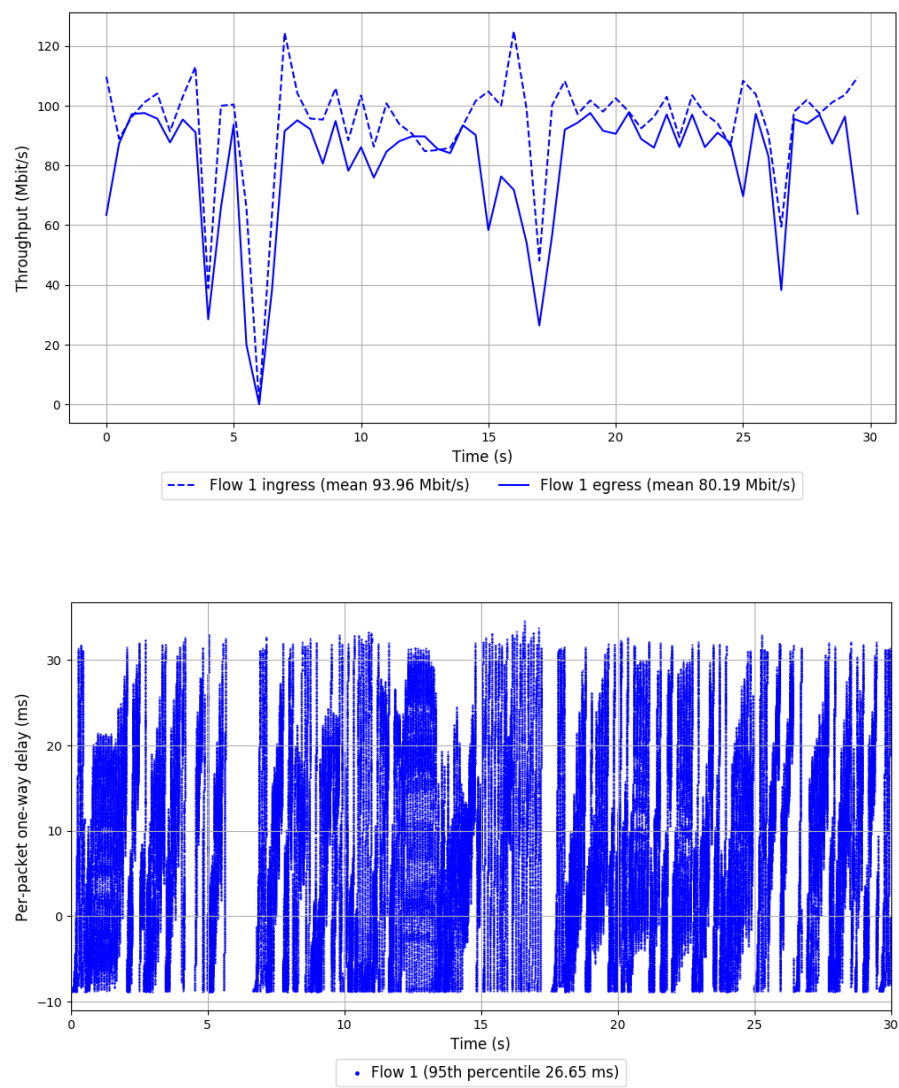
Average throughput: 80.19 Mbit/s

95th percentile per-packet one-way delay: 26.653 ms

Loss rate: 14.62%



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Mon, 24 Jul 2017 20:59:14 +0000

End at: Mon, 24 Jul 2017 20:59:44 +0000

Local clock offset: 3.014 ms

Remote clock offset: -25.066 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 26.342 ms

Loss rate: 17.62%

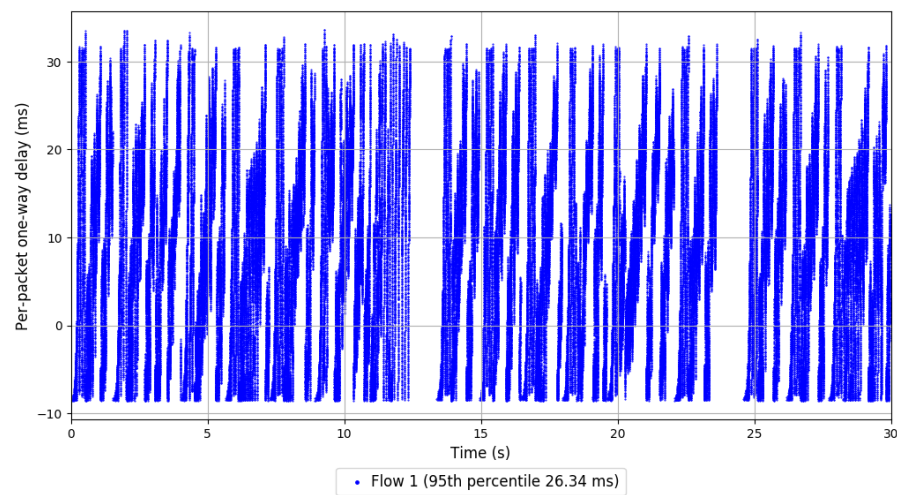
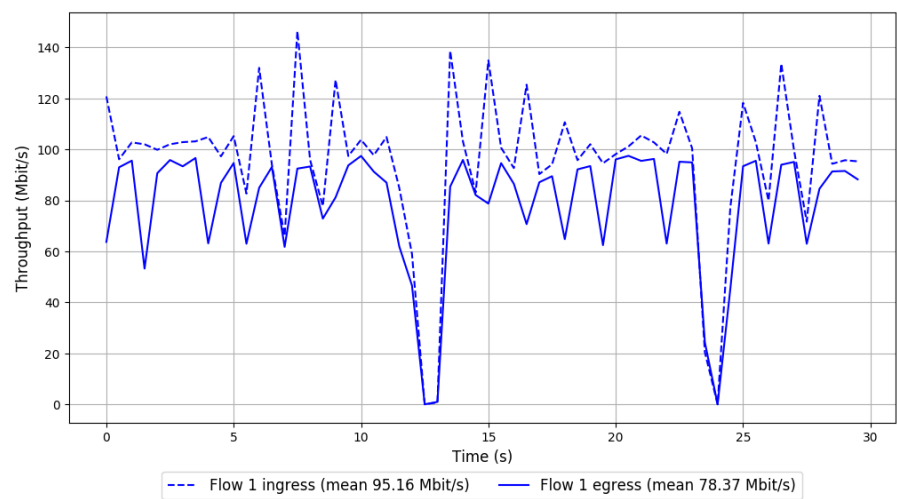
-- Flow 1:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 26.342 ms

Loss rate: 17.62%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Mon, 24 Jul 2017 21:17:16 +0000

End at: Mon, 24 Jul 2017 21:17:46 +0000

Local clock offset: 0.729 ms

Remote clock offset: -24.907 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.44 Mbit/s

95th percentile per-packet one-way delay: 29.324 ms

Loss rate: 25.74%

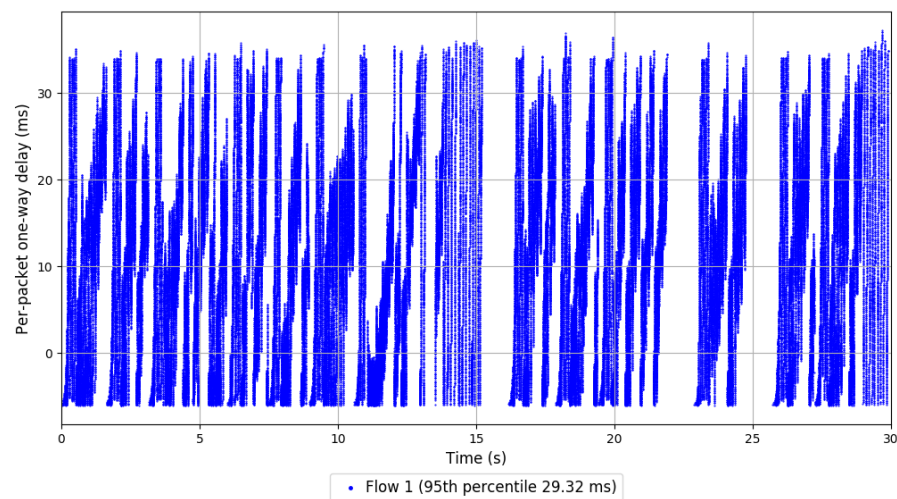
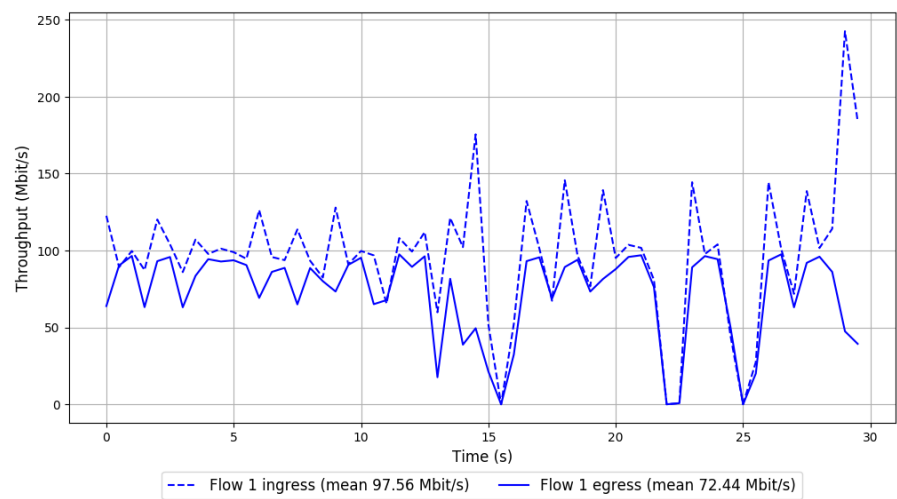
-- Flow 1:

Average throughput: 72.44 Mbit/s

95th percentile per-packet one-way delay: 29.324 ms

Loss rate: 25.74%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Mon, 24 Jul 2017 21:35:05 +0000

End at: Mon, 24 Jul 2017 21:35:35 +0000

Local clock offset: 3.056 ms

Remote clock offset: -24.846 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.75 Mbit/s

95th percentile per-packet one-way delay: 26.484 ms

Loss rate: 17.85%

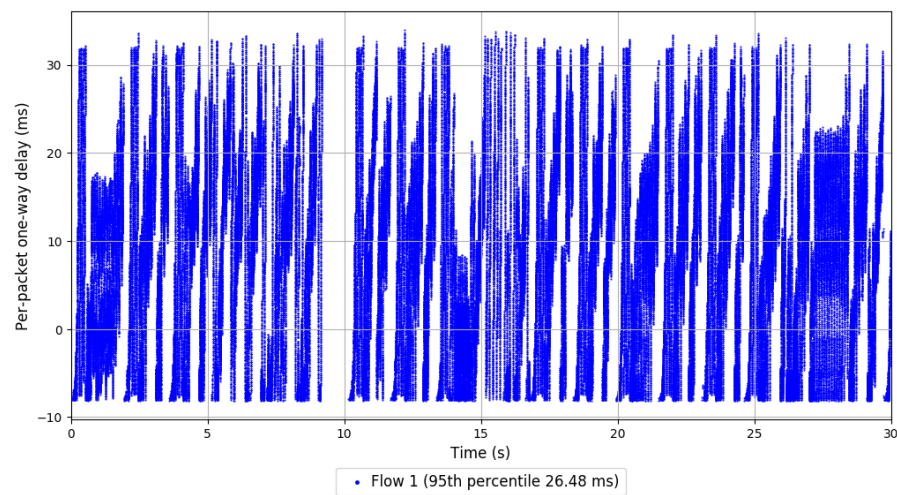
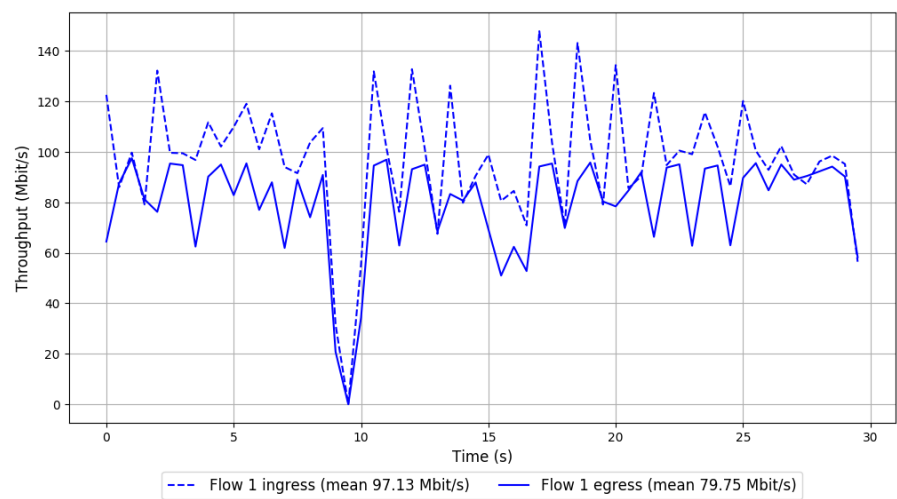
-- Flow 1:

Average throughput: 79.75 Mbit/s

95th percentile per-packet one-way delay: 26.484 ms

Loss rate: 17.85%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Mon, 24 Jul 2017 21:52:40 +0000

End at: Mon, 24 Jul 2017 21:53:10 +0000

Local clock offset: 0.788 ms

Remote clock offset: -24.728 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.13 Mbit/s

95th percentile per-packet one-way delay: 29.704 ms

Loss rate: 19.12%

-- Flow 1:

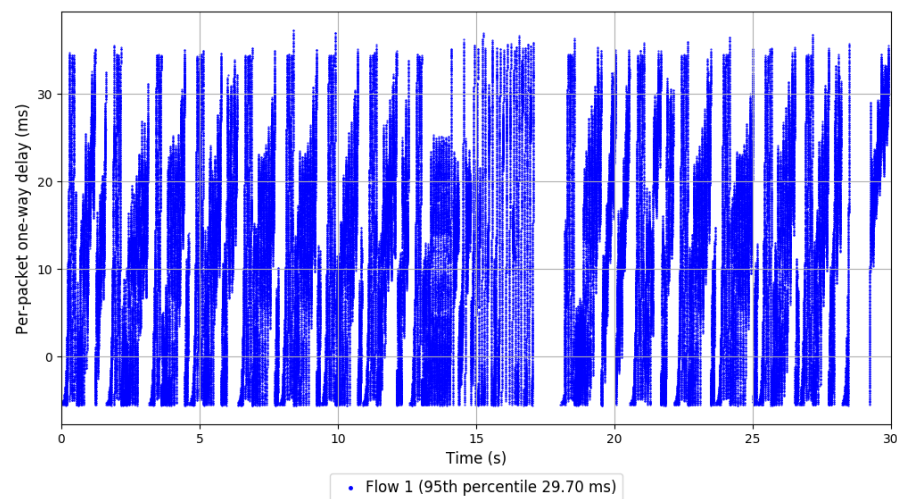
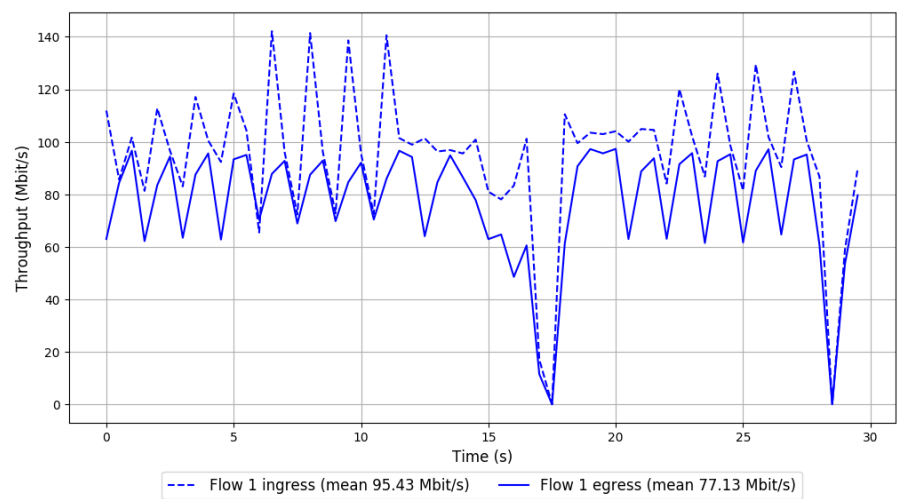
Average throughput: 77.13 Mbit/s

95th percentile per-packet one-way delay: 29.704 ms

Loss rate: 19.12%



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Mon, 24 Jul 2017 22:10:38 +0000

End at: Mon, 24 Jul 2017 22:11:08 +0000

Local clock offset: -1.0 ms

Remote clock offset: -24.736 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.75 Mbit/s

95th percentile per-packet one-way delay: 29.552 ms

Loss rate: 18.56%

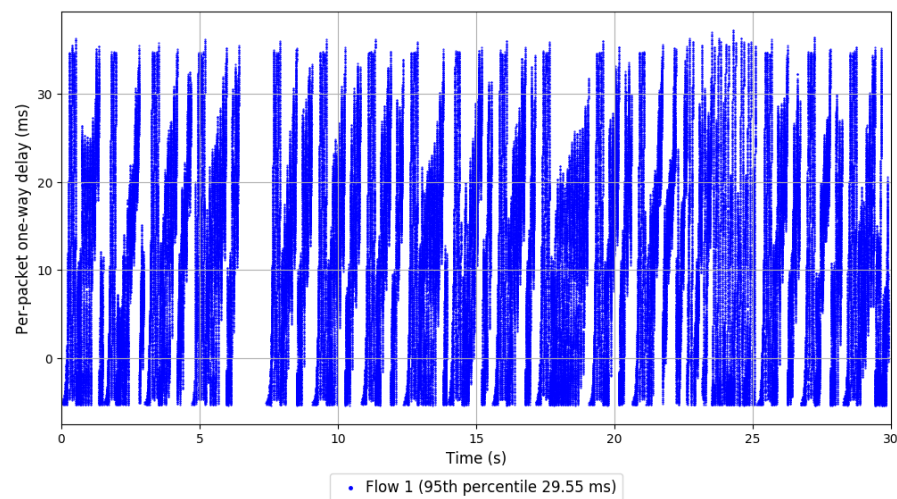
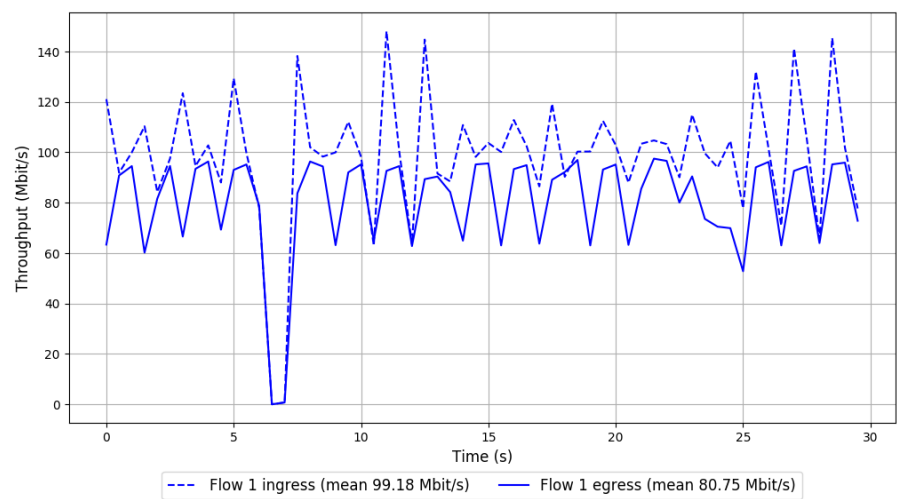
-- Flow 1:

Average throughput: 80.75 Mbit/s

95th percentile per-packet one-way delay: 29.552 ms

Loss rate: 18.56%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Mon, 24 Jul 2017 22:28:33 +0000

End at: Mon, 24 Jul 2017 22:29:03 +0000

Local clock offset: 3.225 ms

Remote clock offset: -23.238 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:37:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.90 Mbit/s

95th percentile per-packet one-way delay: 25.062 ms

Loss rate: 18.09%

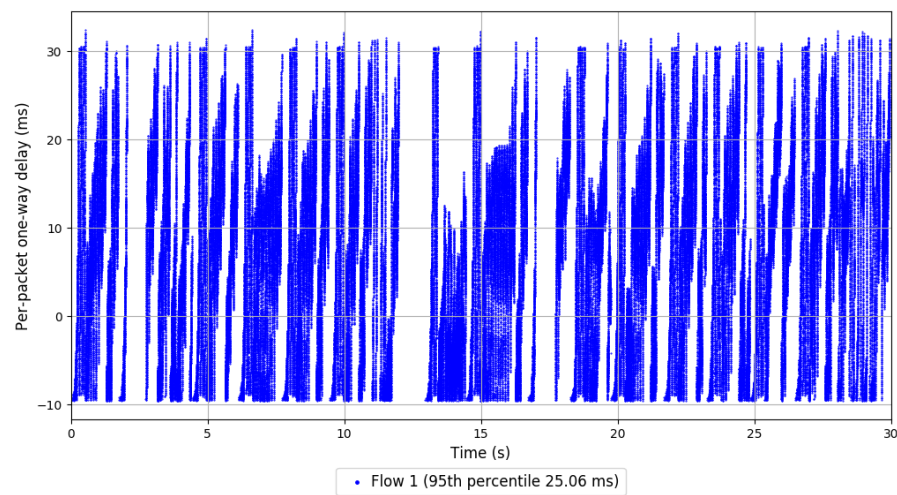
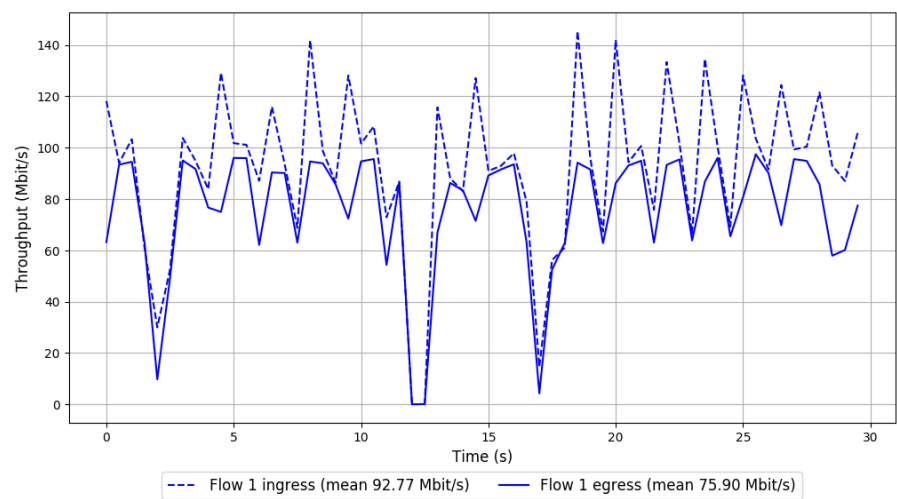
-- Flow 1:

Average throughput: 75.90 Mbit/s

95th percentile per-packet one-way delay: 25.062 ms

Loss rate: 18.09%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Mon, 24 Jul 2017 22:46:14 +0000

End at: Mon, 24 Jul 2017 22:46:44 +0000

Local clock offset: 1.108 ms

Remote clock offset: -22.133 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.92 Mbit/s

95th percentile per-packet one-way delay: 29.384 ms

Loss rate: 22.64%

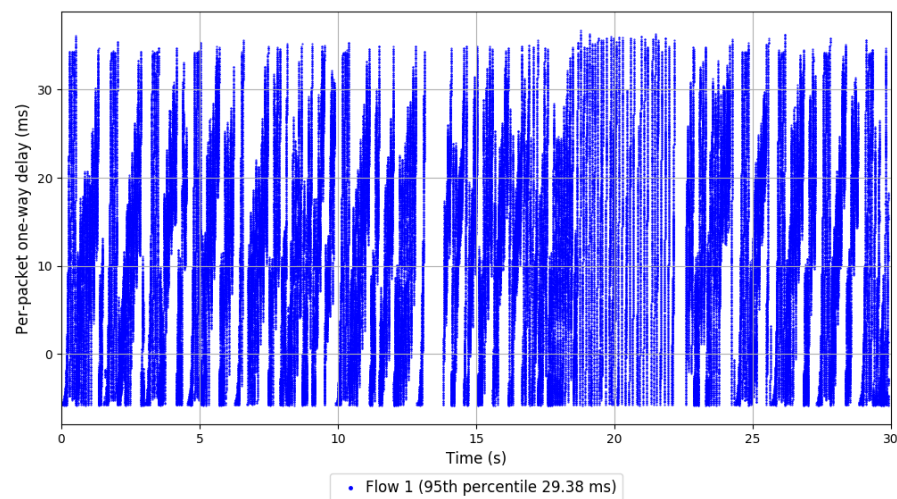
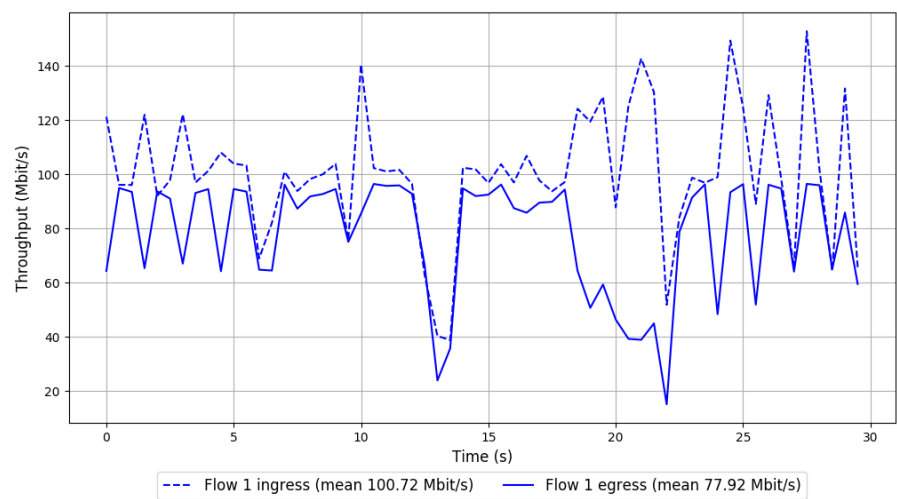
-- Flow 1:

Average throughput: 77.92 Mbit/s

95th percentile per-packet one-way delay: 29.384 ms

Loss rate: 22.64%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 20:03:39 +0000

End at: Mon, 24 Jul 2017 20:04:09 +0000

Local clock offset: 1.181 ms

Remote clock offset: -22.384 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: -5.551 ms

Loss rate: 0.00%

-- Flow 1:

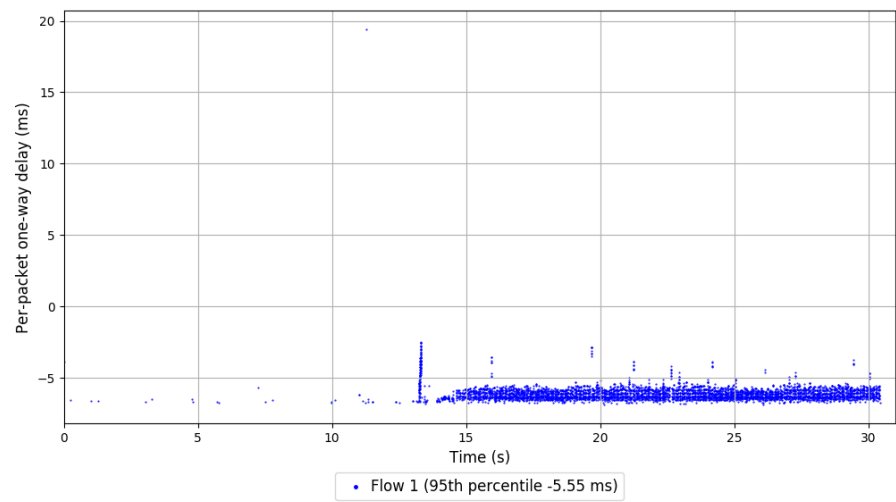
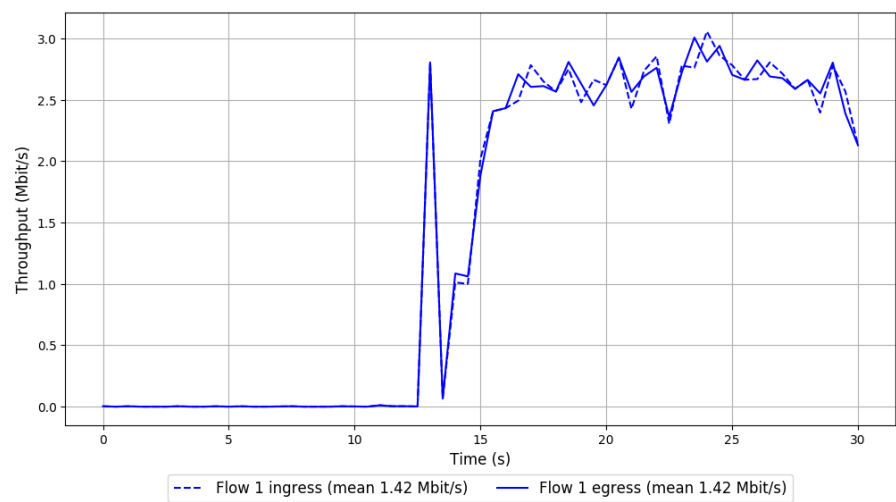
Average throughput: 1.42 Mbit/s

95th percentile per-packet one-way delay: -5.551 ms

Loss rate: 0.00%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 20:21:33 +0000

End at: Mon, 24 Jul 2017 20:22:03 +0000

Local clock offset: 0.143 ms

Remote clock offset: -25.524 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -6.482 ms

Loss rate: 0.00%

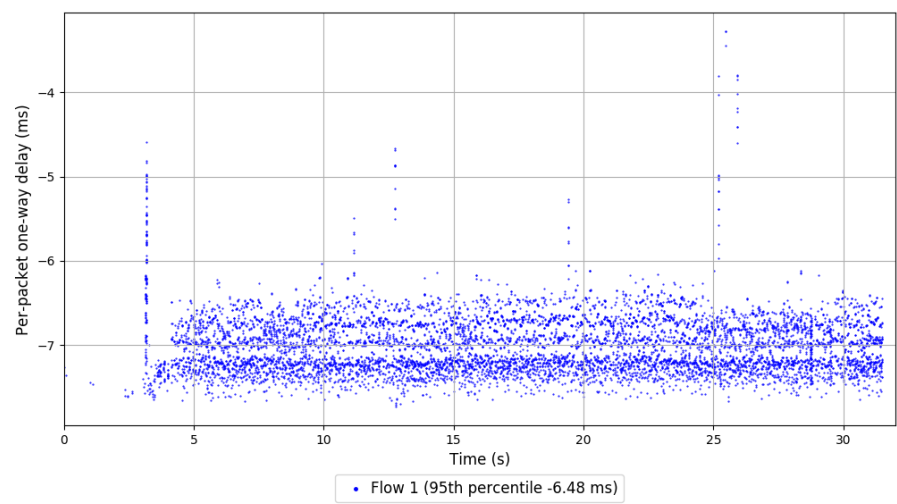
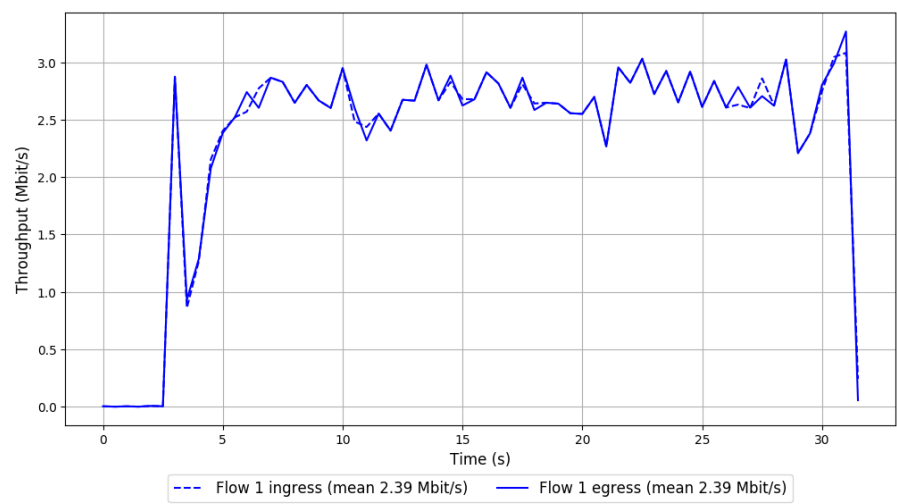
-- Flow 1:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -6.482 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 20:39:39 +0000

End at: Mon, 24 Jul 2017 20:40:09 +0000

Local clock offset: 2.415 ms

Remote clock offset: -24.015 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -6.169 ms

Loss rate: 0.00%

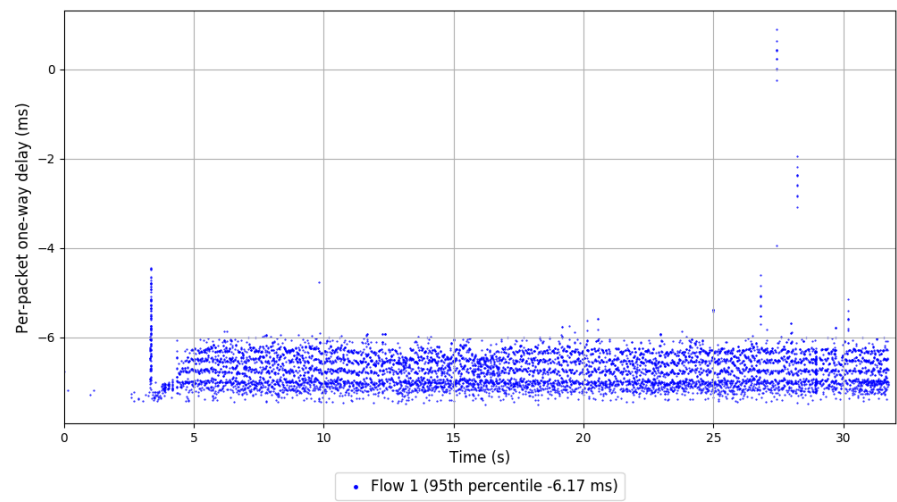
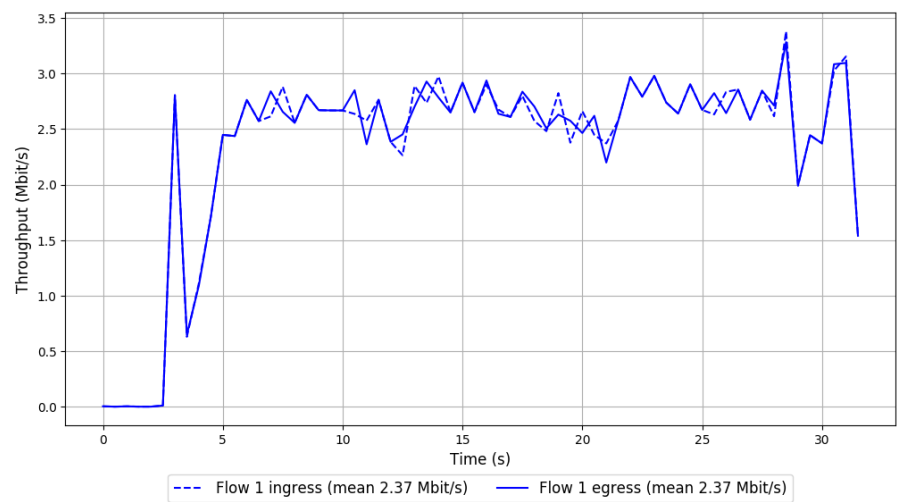
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: -6.169 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 20:57:03 +0000

End at: Mon, 24 Jul 2017 20:57:33 +0000

Local clock offset: -0.052 ms

Remote clock offset: -24.795 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:06 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -4.333 ms

Loss rate: 0.00%

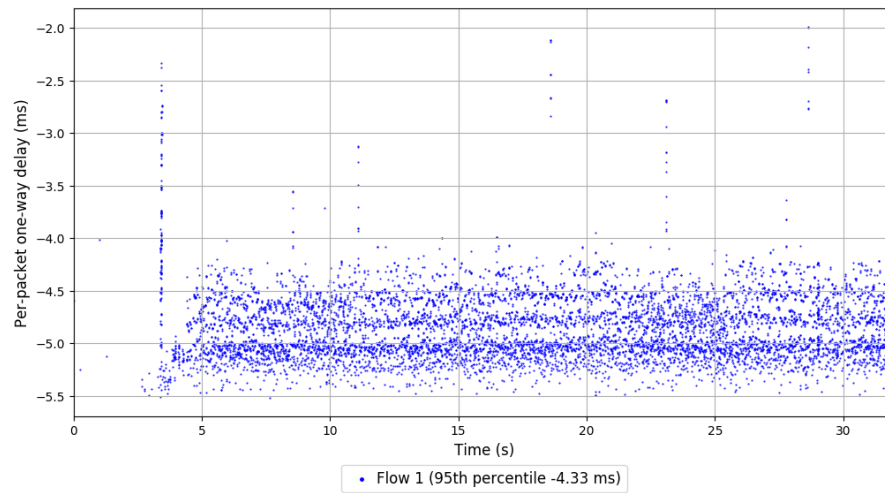
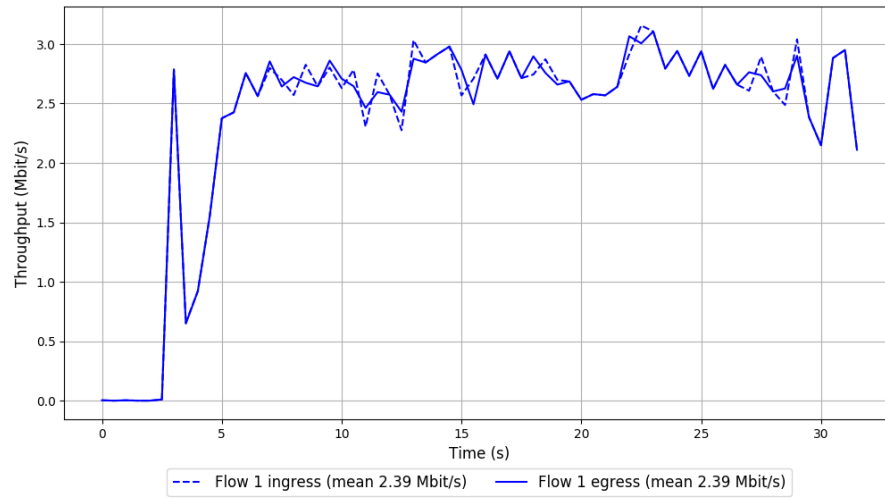
-- Flow 1:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -4.333 ms

Loss rate: 0.00%

#### Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 21:15:05 +0000

End at: Mon, 24 Jul 2017 21:15:35 +0000

Local clock offset: 1.048 ms

Remote clock offset: -25.643 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: -5.964 ms

Loss rate: 0.00%

-- Flow 1:

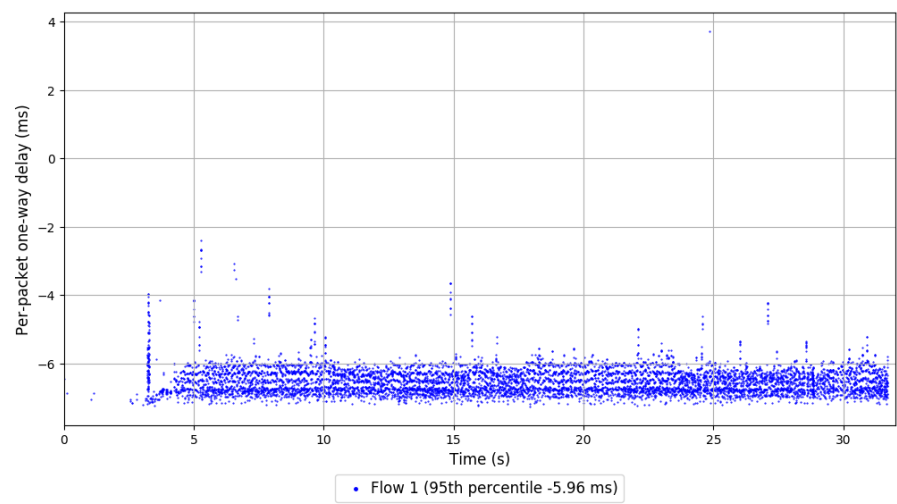
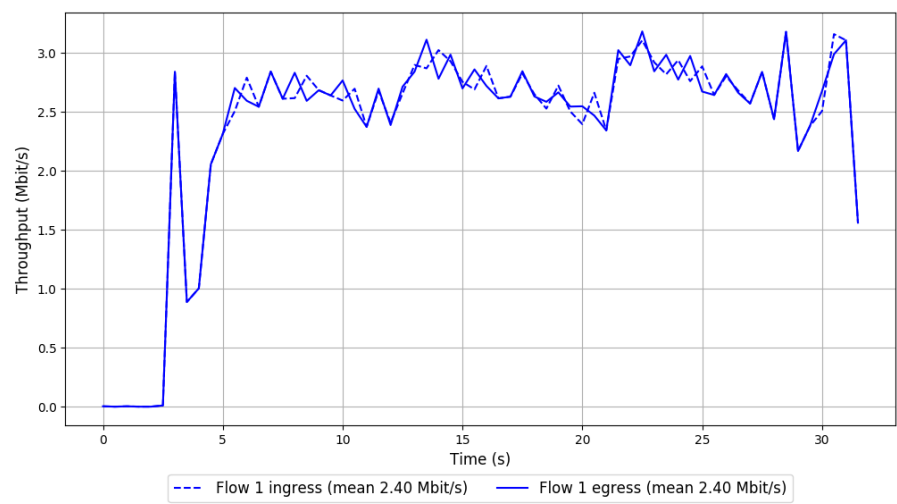
Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: -5.964 ms

Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 21:32:55 +0000

End at: Mon, 24 Jul 2017 21:33:25 +0000

Local clock offset: 1.319 ms

Remote clock offset: -26.593 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -7.179 ms

Loss rate: 0.00%

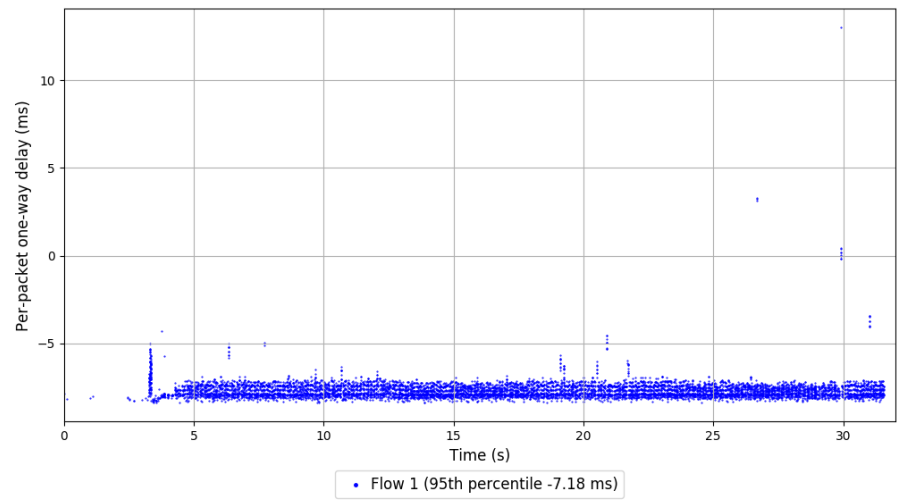
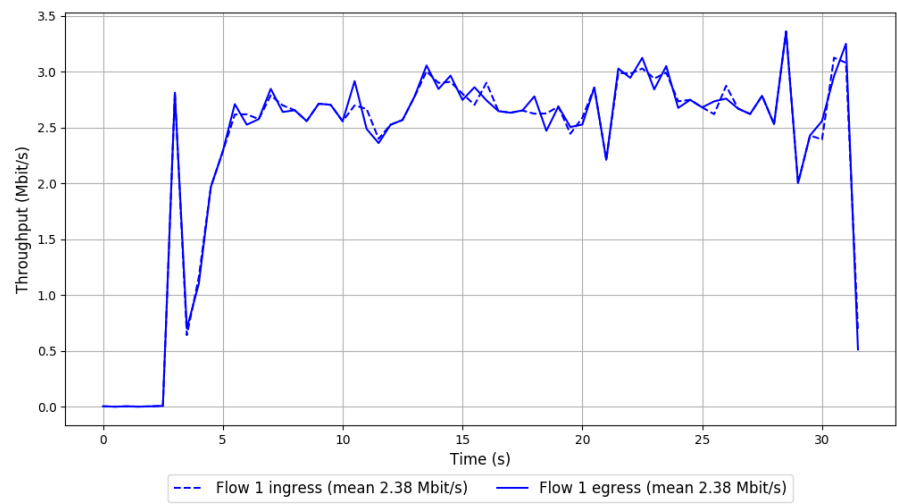
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -7.179 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 21:50:28 +0000

End at: Mon, 24 Jul 2017 21:50:58 +0000

Local clock offset: 0.615 ms

Remote clock offset: -24.241 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -4.010 ms

Loss rate: 0.00%

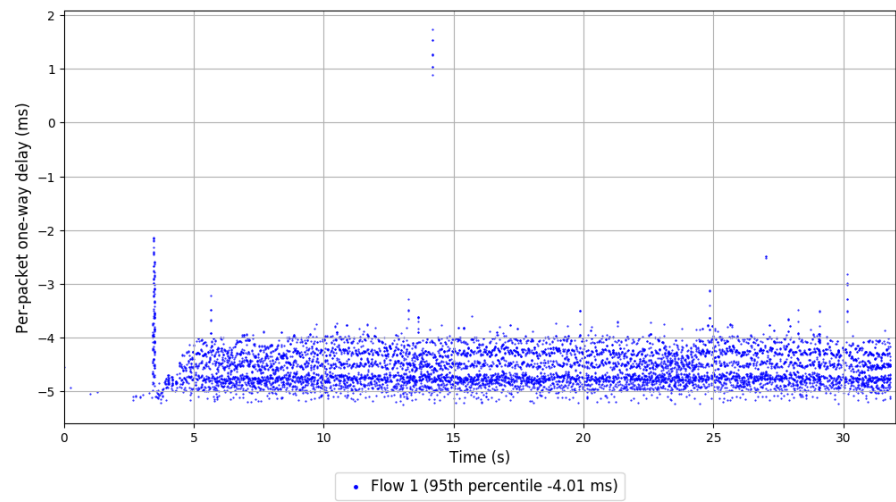
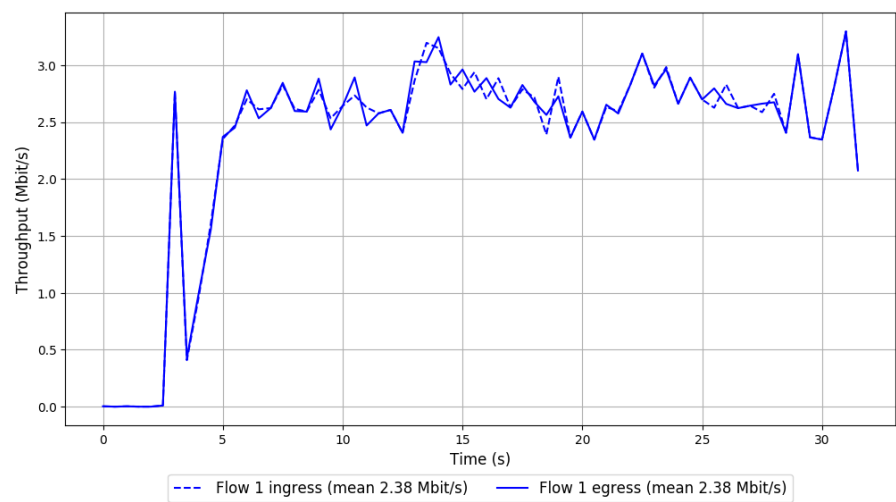
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: -4.010 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 22:08:26 +0000

End at: Mon, 24 Jul 2017 22:08:56 +0000

Local clock offset: 1.679 ms

Remote clock offset: -23.886 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: -5.918 ms

Loss rate: 0.00%

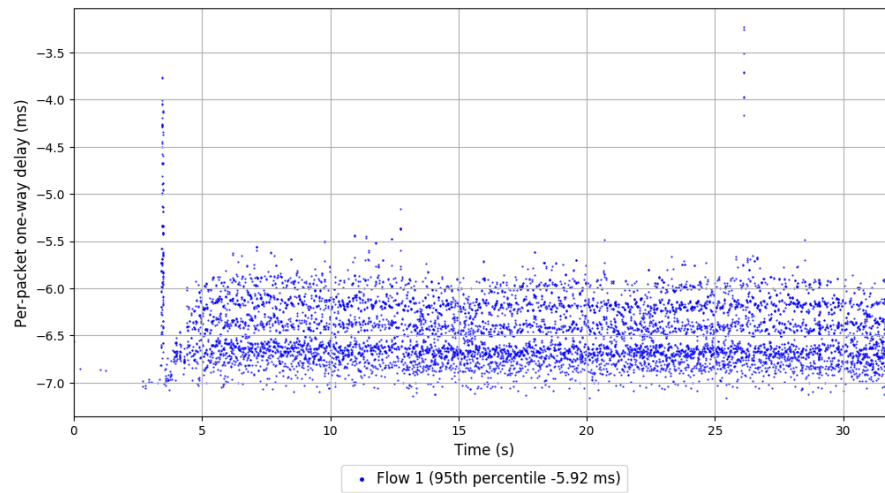
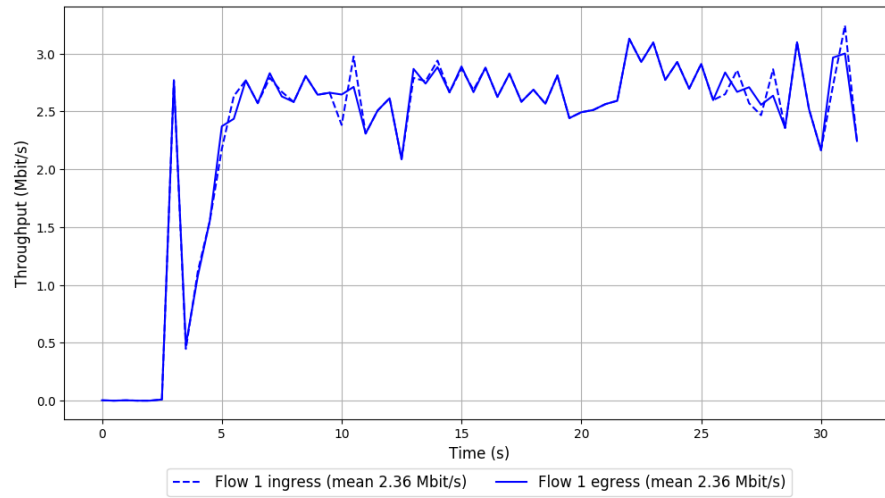
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: -5.918 ms

Loss rate: 0.00%

# Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 22:26:21 +0000

End at: Mon, 24 Jul 2017 22:26:51 +0000

Local clock offset: 4.641 ms

Remote clock offset: -21.842 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:38:10 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -8.653 ms

Loss rate: 0.01%

-- Flow 1:

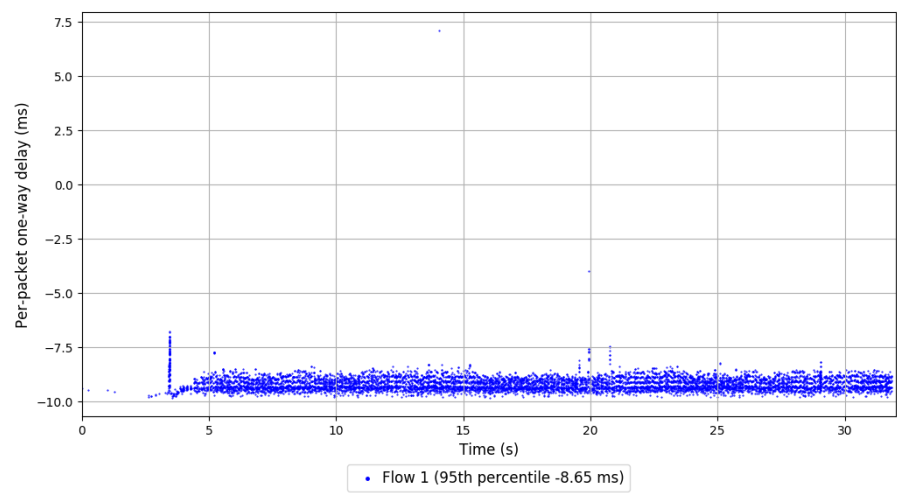
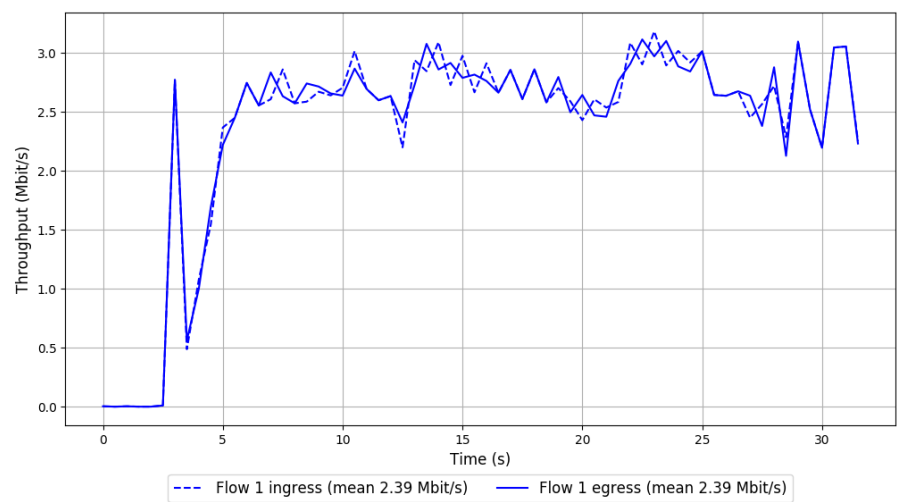
Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: -8.653 ms

Loss rate: 0.01%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 22:44:04 +0000

End at: Mon, 24 Jul 2017 22:44:34 +0000

Local clock offset: 3.767 ms

Remote clock offset: -23.085 ms

Run 10: Report of WebRTC media — Data Link

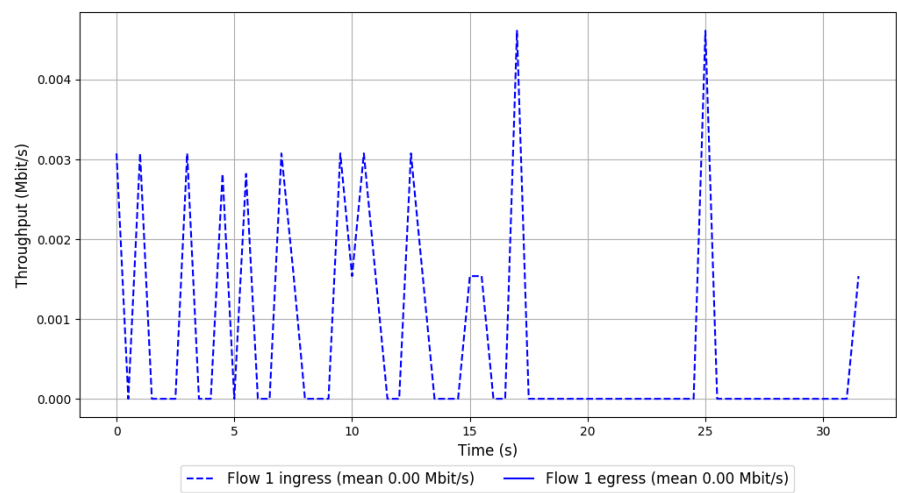


Figure is missing