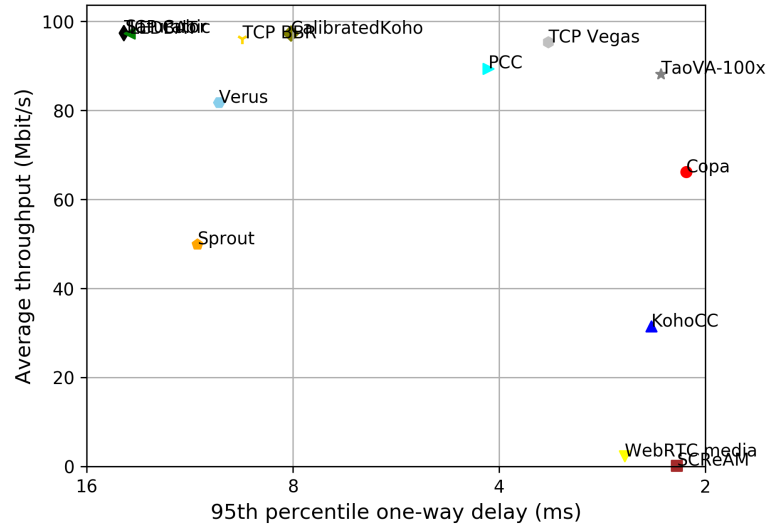


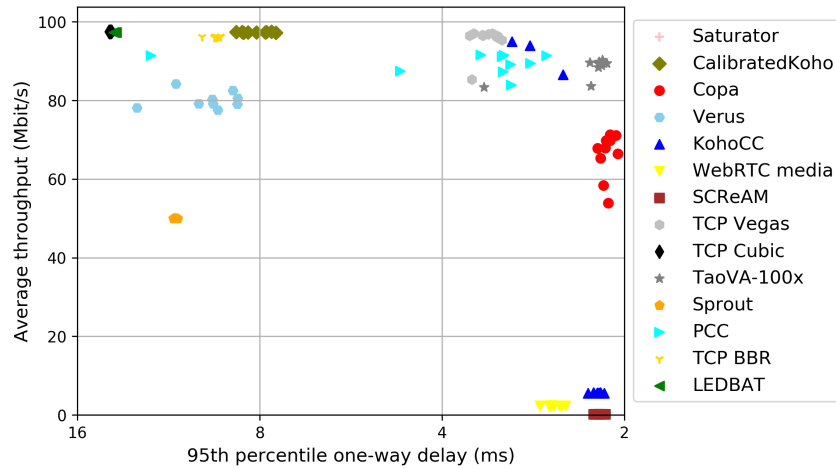
**Pantheon Summary** (Generated at Tue, 25 Jul 2017 02:36:40 +0000 with pantheon version 266b116f0817a07d000b4d181ce187fd27d3e654)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).  
NTP offset measured against gps.ntp.br and has been applied to correct the timestamps in logs.

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

test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Brazil Ethernet to AWS Brazil 1 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	96.14	9.48	0.04
CalibratedKoho	10	97.32	8.06	0.03
Copa	10	66.16	2.13	0.01
TCP Cubic	10	97.45	14.13	0.05
KohoCC	10	31.48	2.40	0.01
LEDBAT	10	97.31	13.86	0.05
PCC	10	89.43	4.15	0.02
QUIC Cubic	10	nan	nan	nan
Saturator	10	97.47	14.07	0.05
SCReAM	10	0.22	2.20	0.00
Sprout	10	49.96	11.04	0.03
TaoVA-100x	10	88.22	2.32	0.01
TCP Vegas	10	95.34	3.39	0.02
Verus	10	81.80	10.27	0.03
WebRTC media	10	2.36	2.62	0.03

Run 1: Statistics of TCP BBR

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

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

Local clock offset: -2.203 ms

Remote clock offset: 0.693 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 9.379 ms

Loss rate: 0.04%

-- Flow 1:

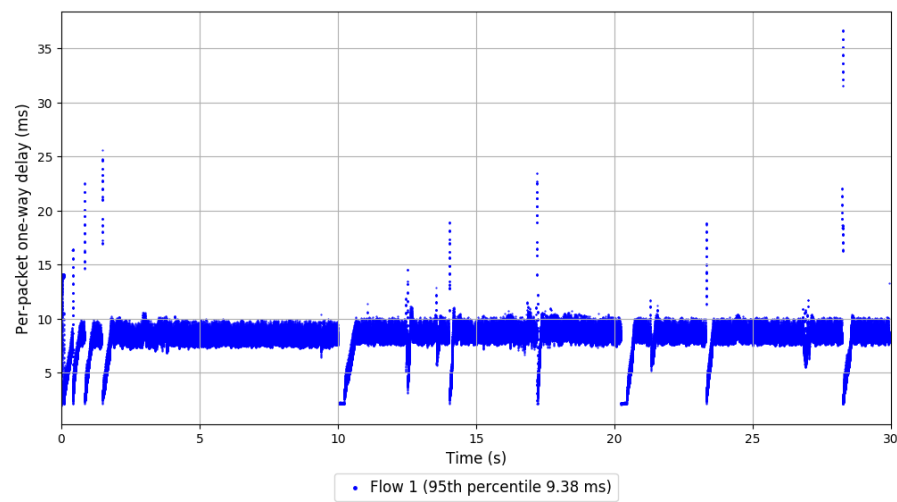
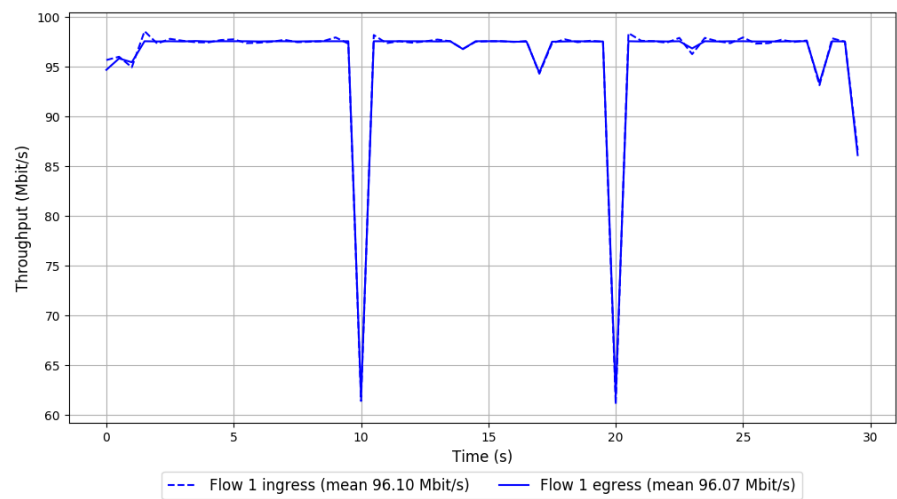
Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 9.379 ms

Loss rate: 0.04%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Mon, 24 Jul 2017 23:12:46 +0000

End at: Mon, 24 Jul 2017 23:13:16 +0000

Local clock offset: -2.254 ms

Remote clock offset: 0.677 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 9.290 ms

Loss rate: 0.04%

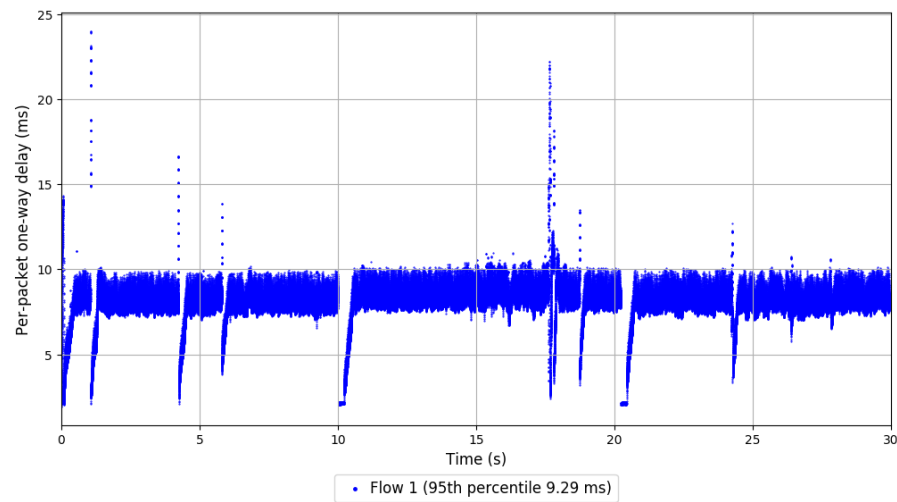
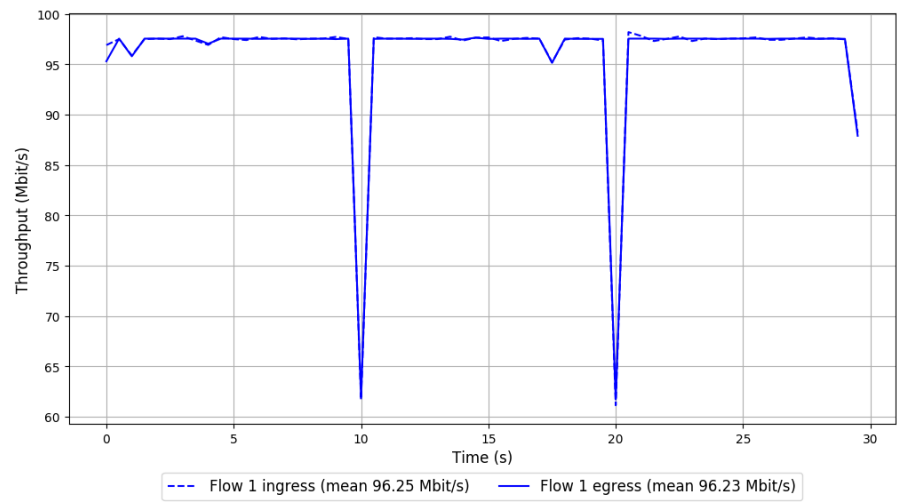
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 9.290 ms

Loss rate: 0.04%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

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

End at: Mon, 24 Jul 2017 23:30:18 +0000

Local clock offset: -2.024 ms

Remote clock offset: 0.663 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:22 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 9.459 ms

Loss rate: 0.03%

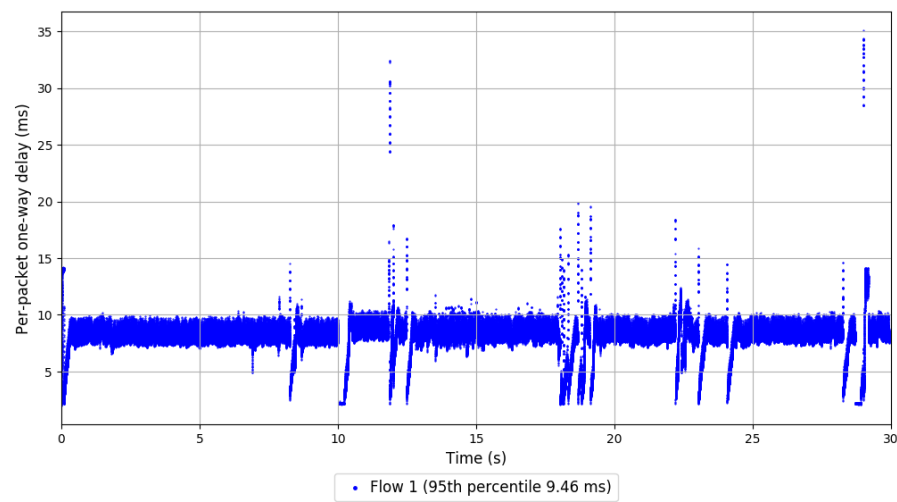
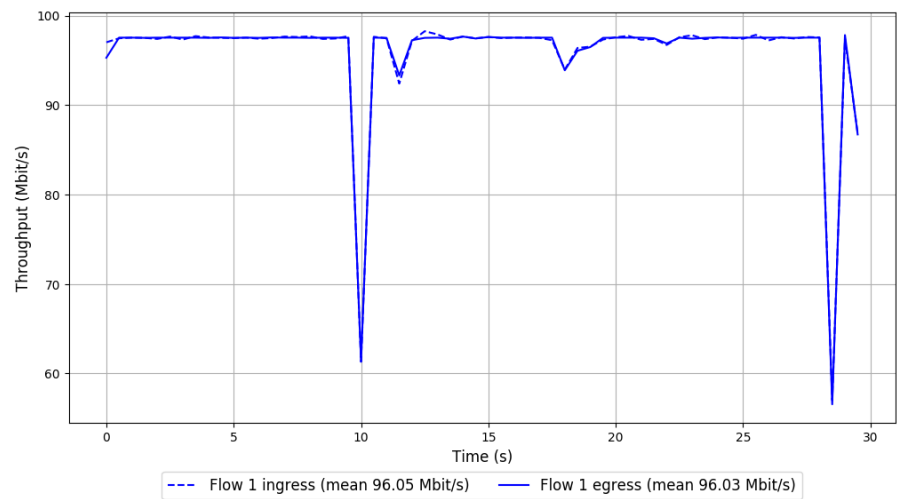
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 9.459 ms

Loss rate: 0.03%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

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

End at: Mon, 24 Jul 2017 23:47:14 +0000

Local clock offset: -1.908 ms

Remote clock offset: 0.539 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 9.276 ms

Loss rate: 0.03%

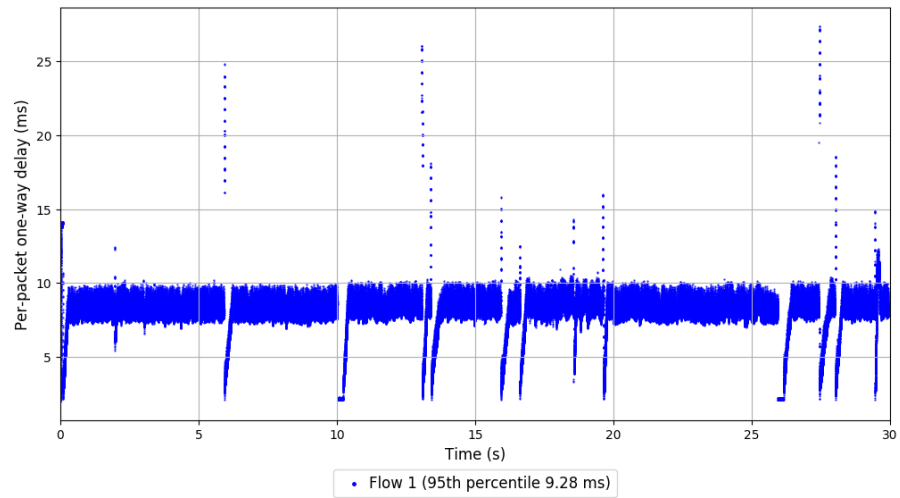
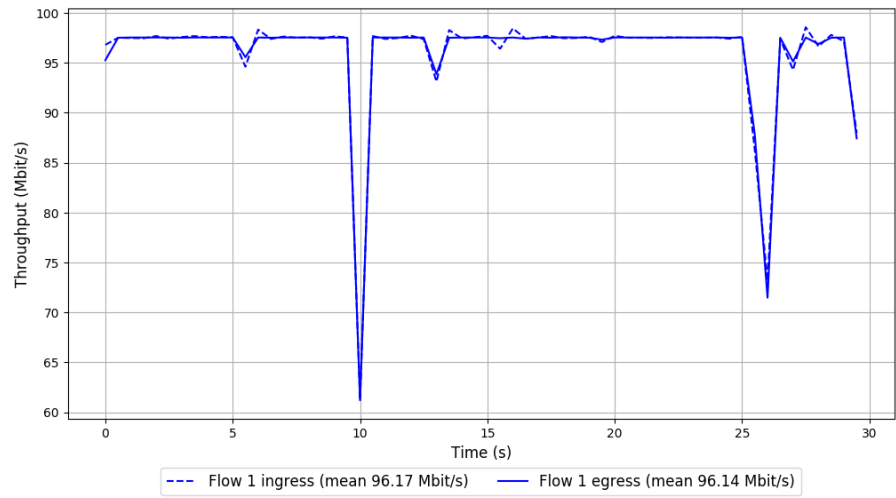
-- Flow 1:

Average throughput: 96.14 Mbit/s

95th percentile per-packet one-way delay: 9.276 ms

Loss rate: 0.03%

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



Run 5: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:03:38 +0000

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

Local clock offset: -1.875 ms

Remote clock offset: 0.365 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 9.509 ms

Loss rate: 0.03%

-- Flow 1:

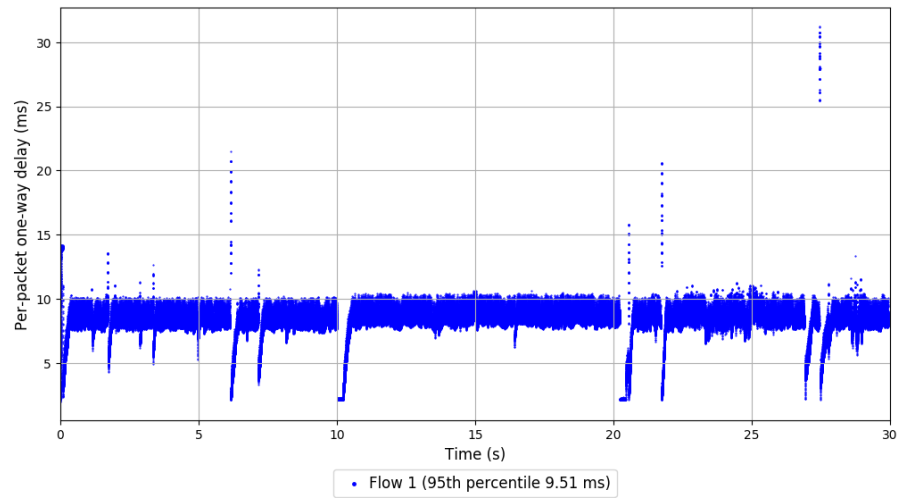
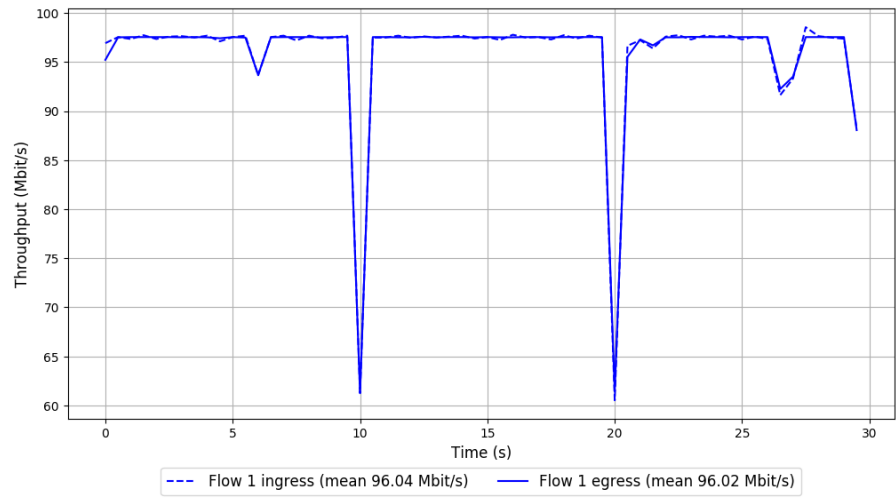
Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 9.509 ms

Loss rate: 0.03%



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



Run 6: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:20:39 +0000

End at: Tue, 25 Jul 2017 00:21:09 +0000

Local clock offset: -1.794 ms

Remote clock offset: 0.177 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:36 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 9.968 ms

Loss rate: 0.04%

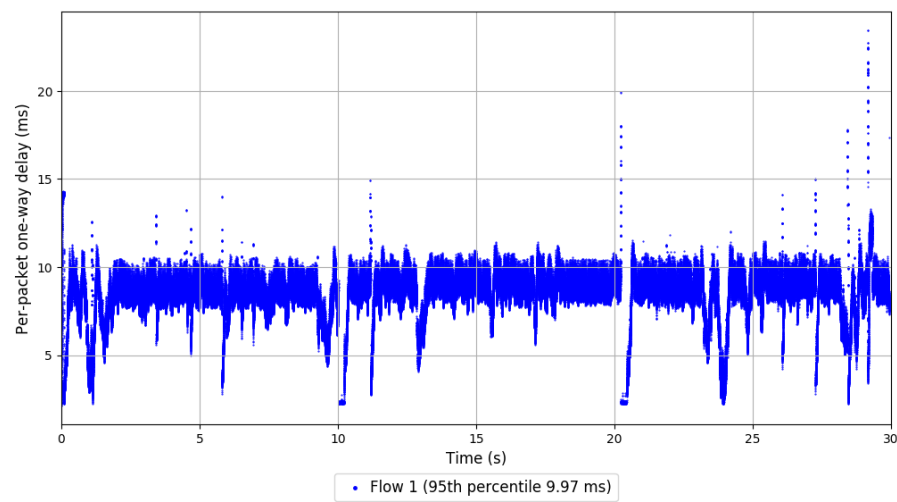
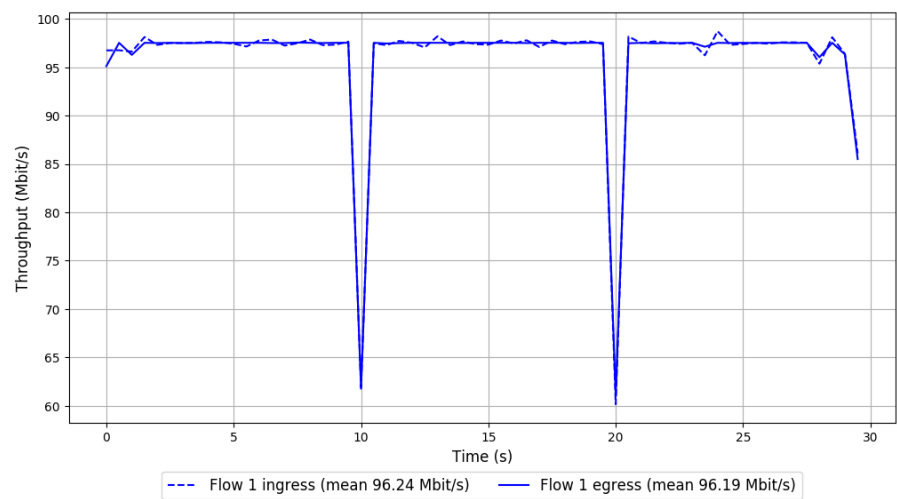
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 9.968 ms

Loss rate: 0.04%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 00:37:42 +0000

End at: Tue, 25 Jul 2017 00:38:12 +0000

Local clock offset: -1.773 ms

Remote clock offset: 0.135 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 9.507 ms

Loss rate: 0.04%

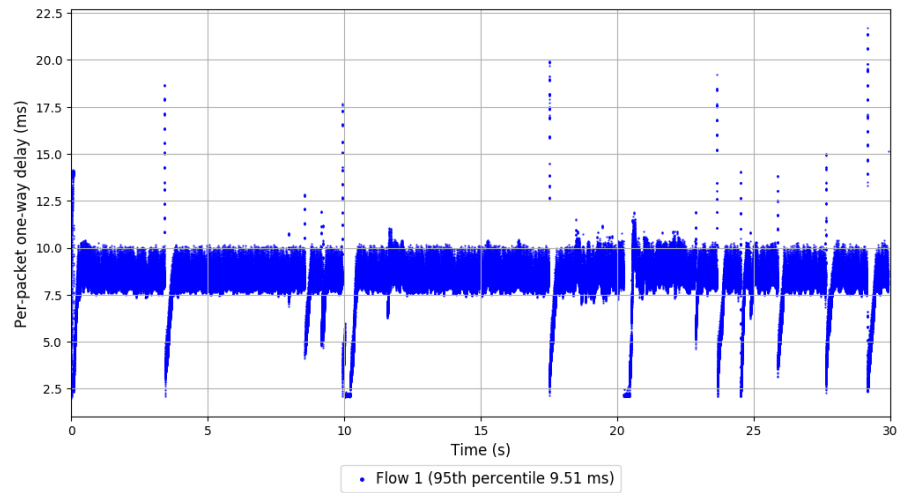
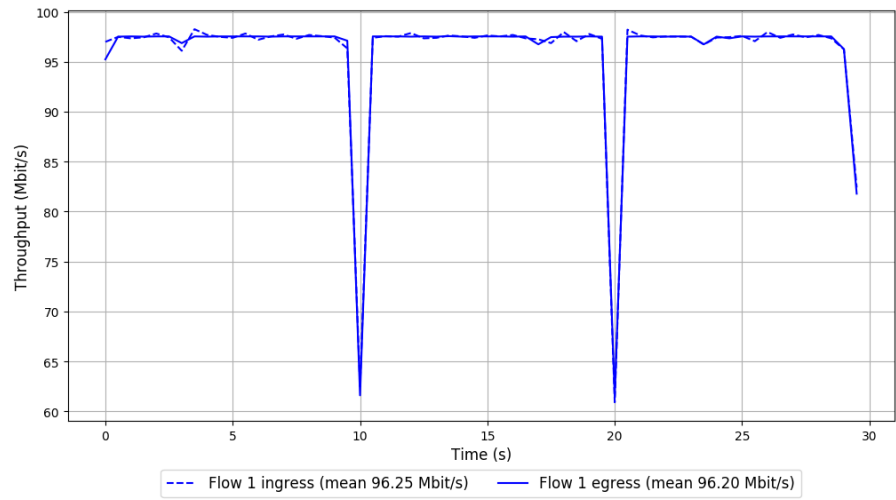
-- Flow 1:

Average throughput: 96.20 Mbit/s

95th percentile per-packet one-way delay: 9.507 ms

Loss rate: 0.04%

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



Run 8: Statistics of TCP BBR

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

End at: Tue, 25 Jul 2017 00:55:06 +0000

Local clock offset: -1.724 ms

Remote clock offset: -0.03 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:49 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.493 ms

Loss rate: 0.03%

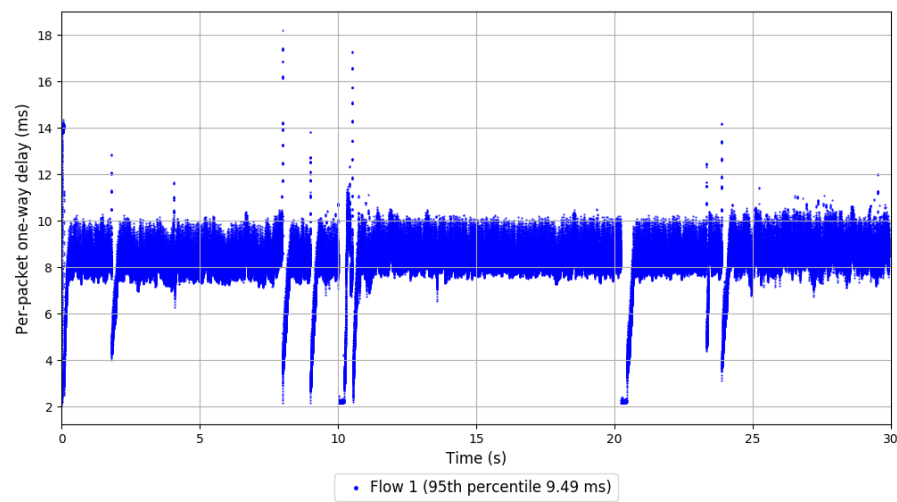
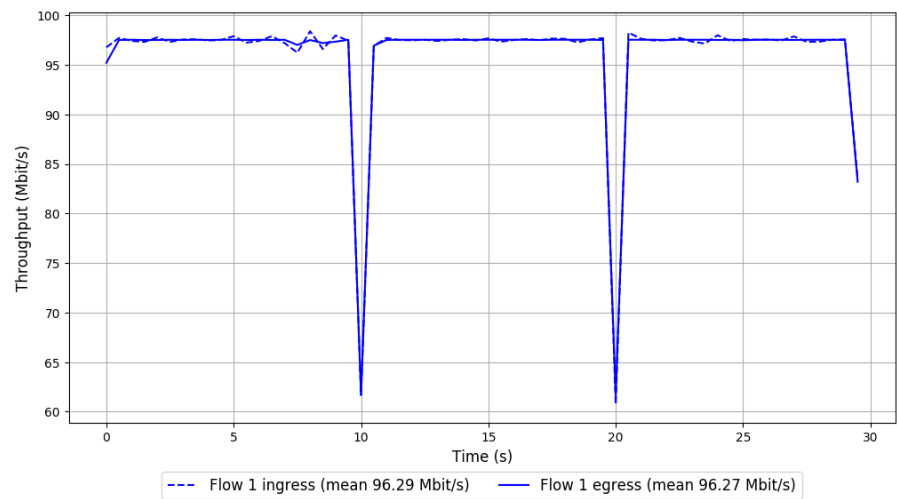
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.493 ms

Loss rate: 0.03%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:11:30 +0000

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

Local clock offset: -1.794 ms

Remote clock offset: -0.112 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:24:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 9.515 ms

Loss rate: 0.04%

-- Flow 1:

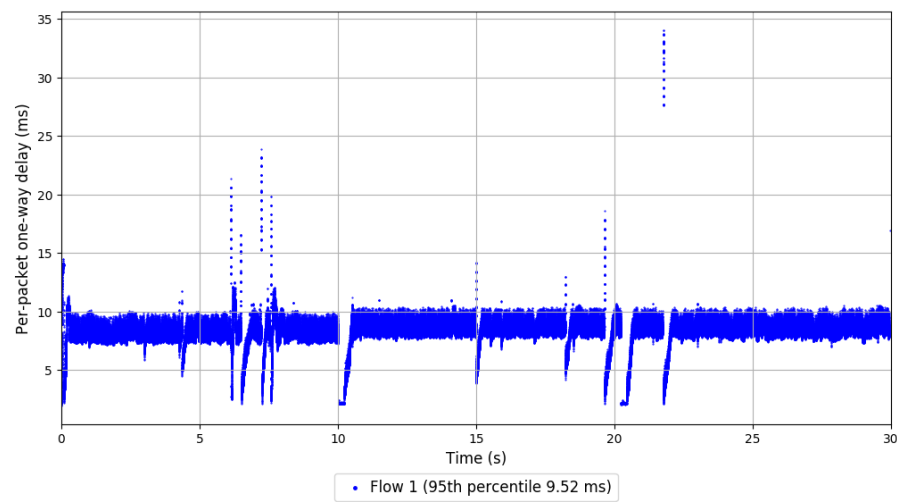
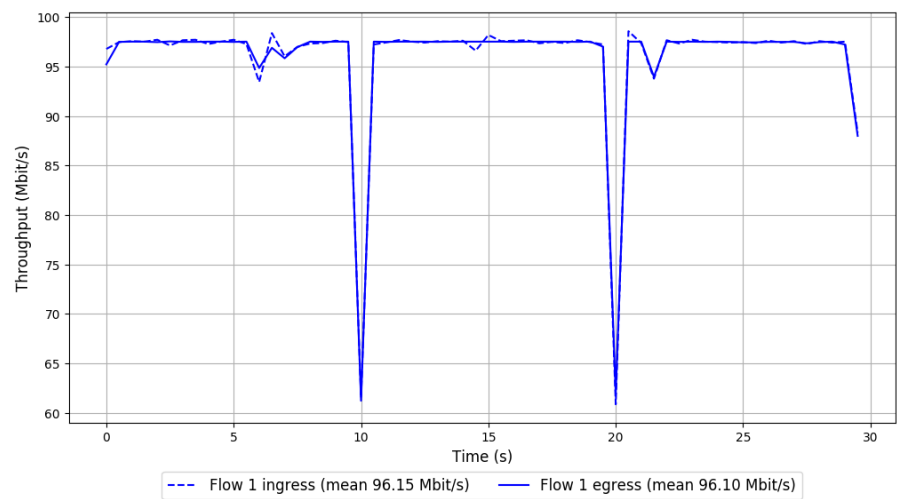
Average throughput: 96.10 Mbit/s

95th percentile per-packet one-way delay: 9.515 ms

Loss rate: 0.04%



Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Tue, 25 Jul 2017 01:28:33 +0000

End at: Tue, 25 Jul 2017 01:29:03 +0000

Local clock offset: -1.848 ms

Remote clock offset: -0.194 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.17 Mbit/s

95th percentile per-packet one-way delay: 9.444 ms

Loss rate: 0.04%

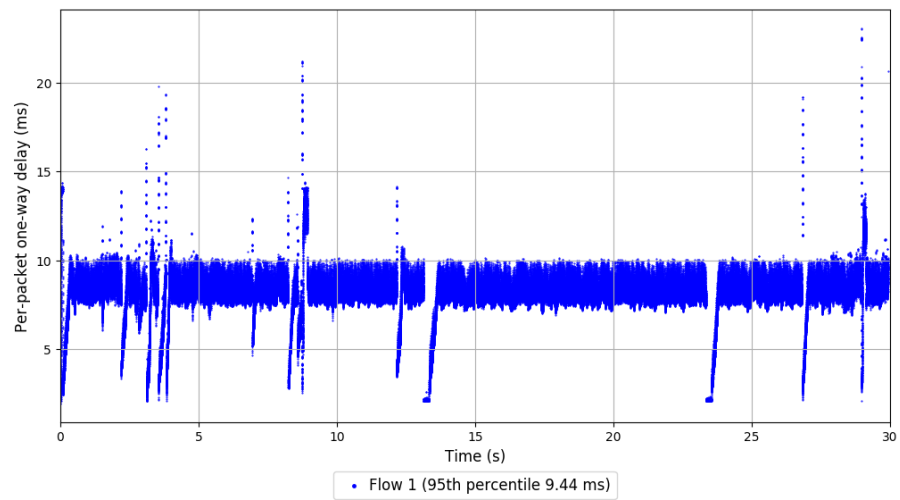
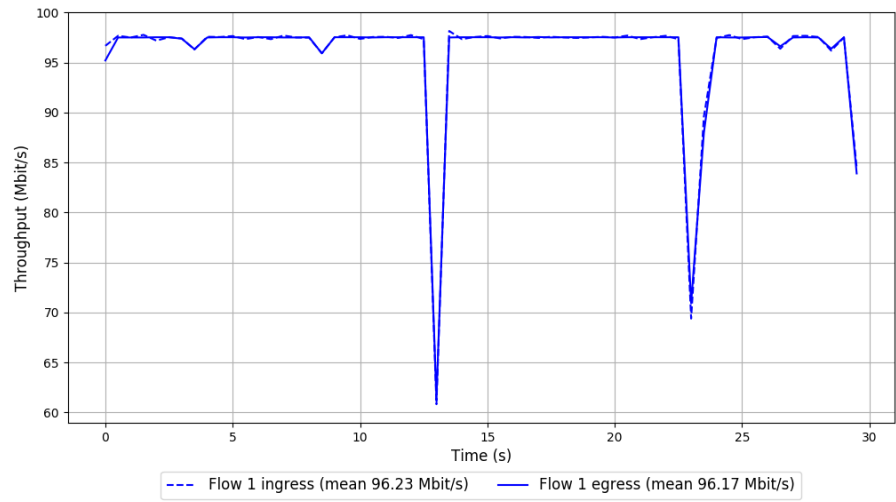
-- Flow 1:

Average throughput: 96.17 Mbit/s

95th percentile per-packet one-way delay: 9.444 ms

Loss rate: 0.04%

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



Run 1: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:07:17 +0000

End at: Mon, 24 Jul 2017 23:07:47 +0000

Local clock offset: -2.206 ms

Remote clock offset: 0.675 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 8.561 ms

Loss rate: 0.03%

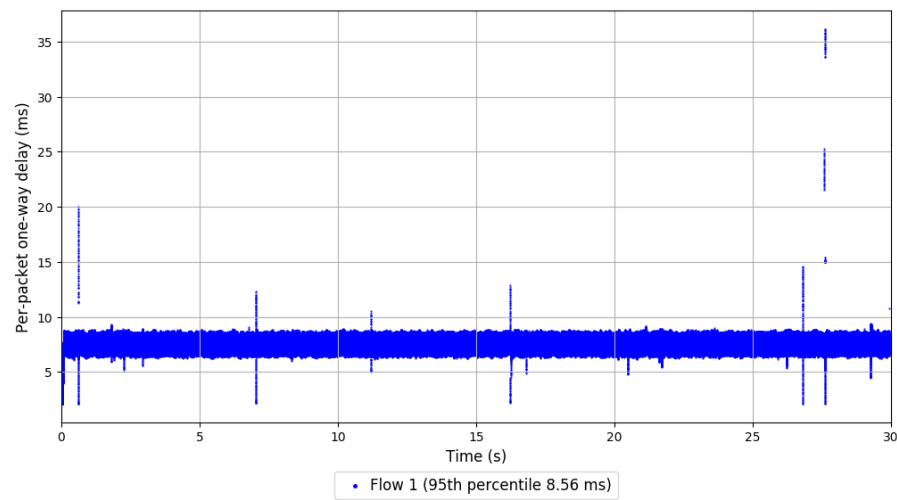
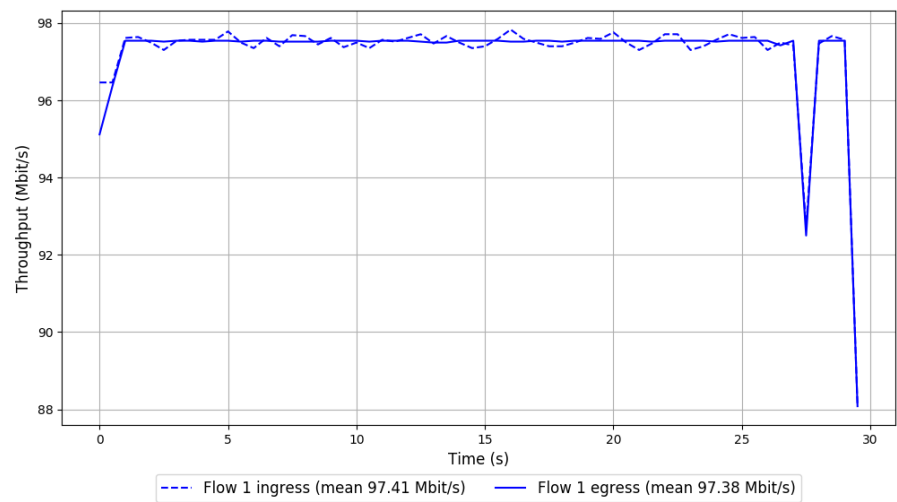
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 8.561 ms

Loss rate: 0.03%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

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

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

Local clock offset: -2.106 ms

Remote clock offset: 0.716 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 7.524 ms

Loss rate: 0.03%

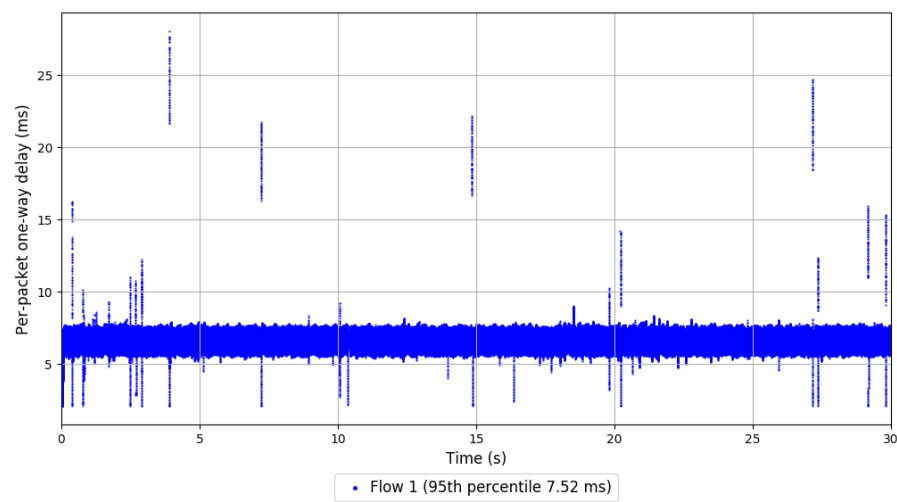
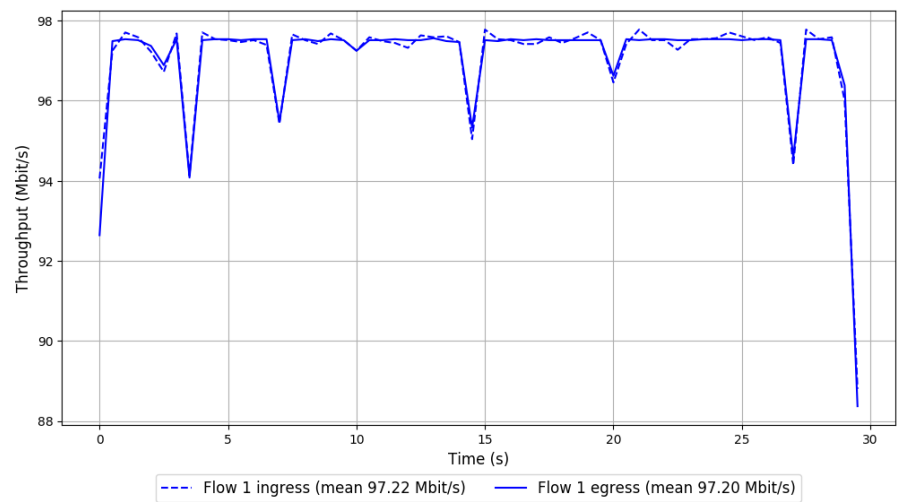
-- Flow 1:

Average throughput: 97.20 Mbit/s

95th percentile per-packet one-way delay: 7.524 ms

Loss rate: 0.03%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:41:15 +0000

End at: Mon, 24 Jul 2017 23:41:45 +0000

Local clock offset: -1.948 ms

Remote clock offset: 0.588 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 7.835 ms

Loss rate: 0.03%

-- Flow 1:

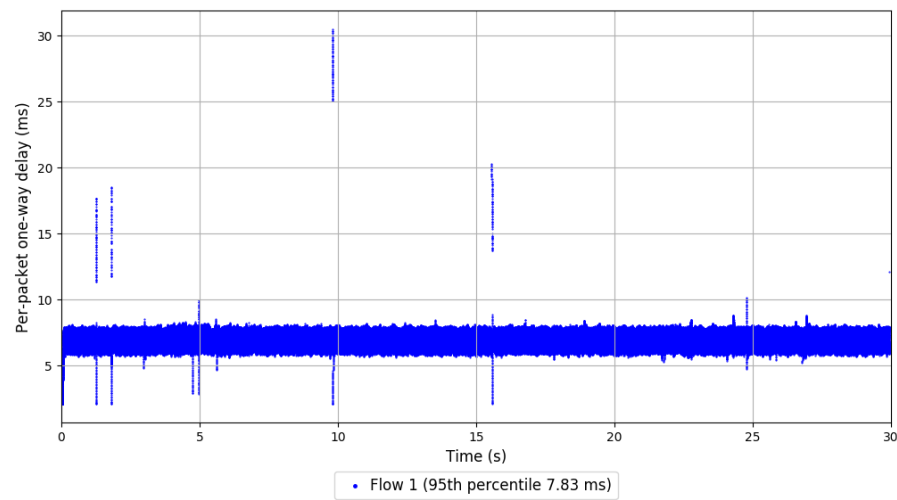
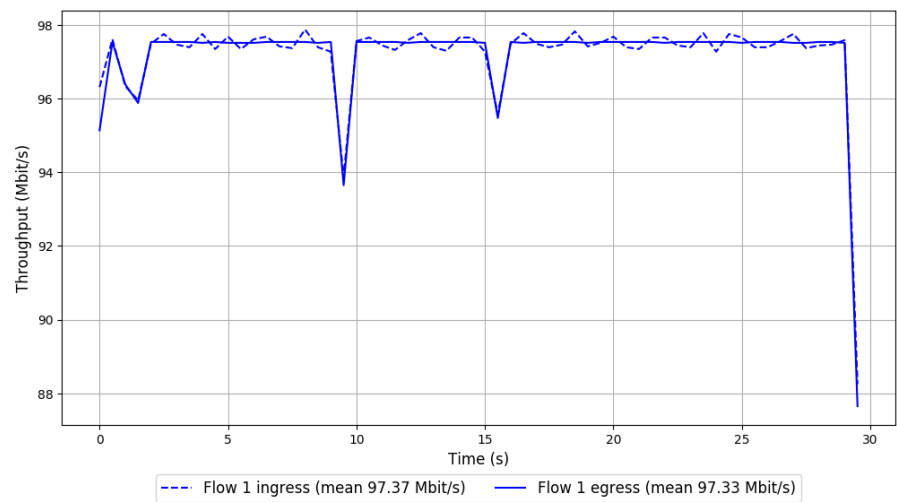
Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 7.835 ms

Loss rate: 0.03%



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Mon, 24 Jul 2017 23:58:09 +0000

End at: Mon, 24 Jul 2017 23:58:39 +0000

Local clock offset: -1.895 ms

Remote clock offset: 0.405 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 8.105 ms

Loss rate: 0.03%

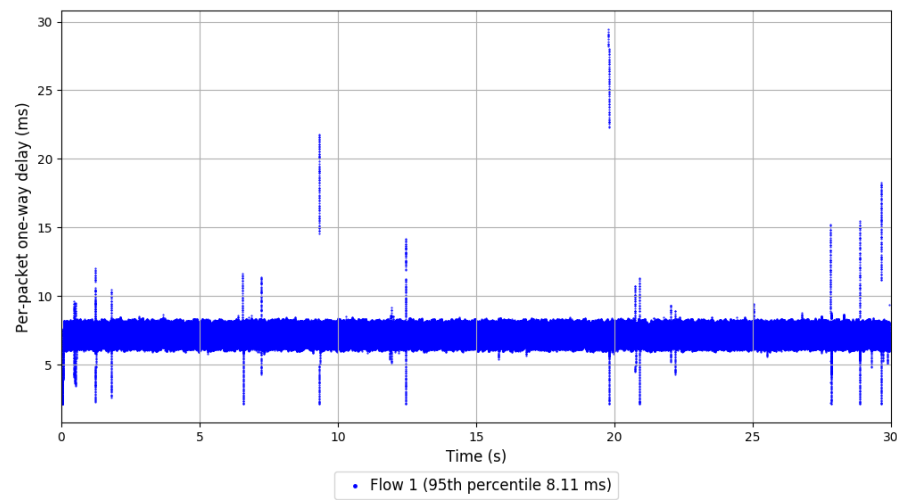
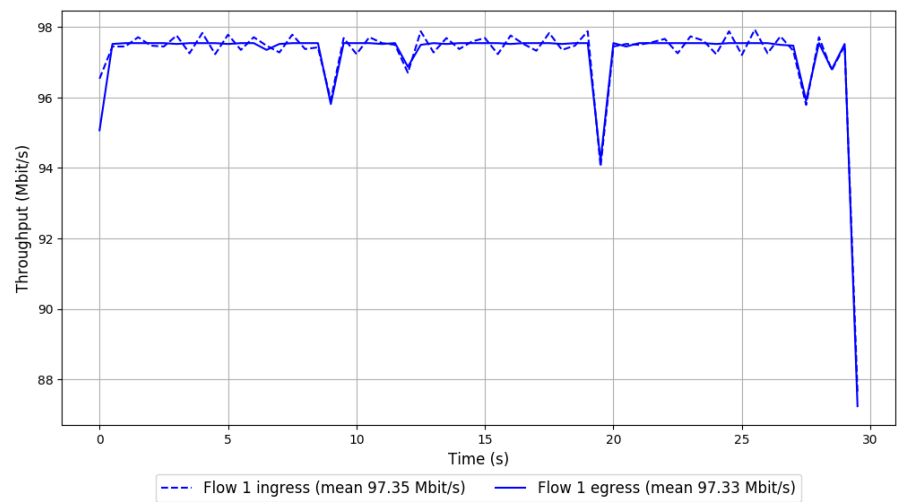
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 8.105 ms

Loss rate: 0.03%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:15:10 +0000

End at: Tue, 25 Jul 2017 00:15:40 +0000

Local clock offset: -1.816 ms

Remote clock offset: 0.25 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.363 ms

Loss rate: 0.03%

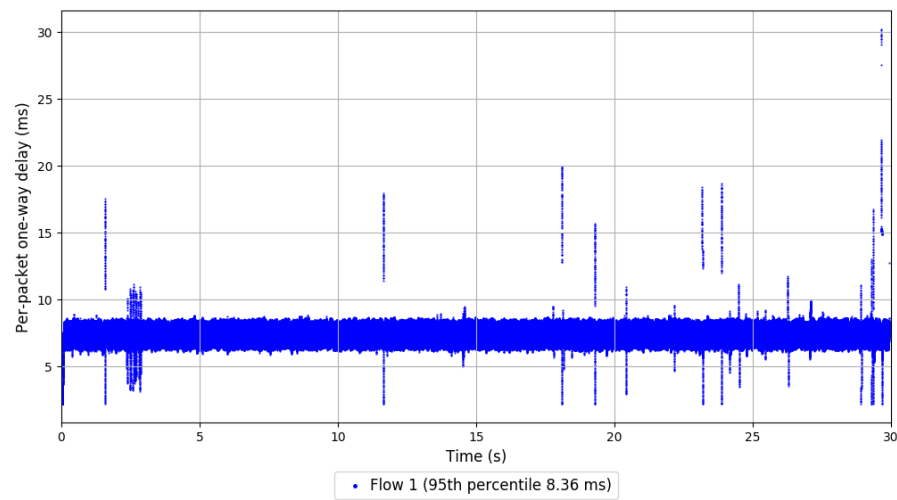
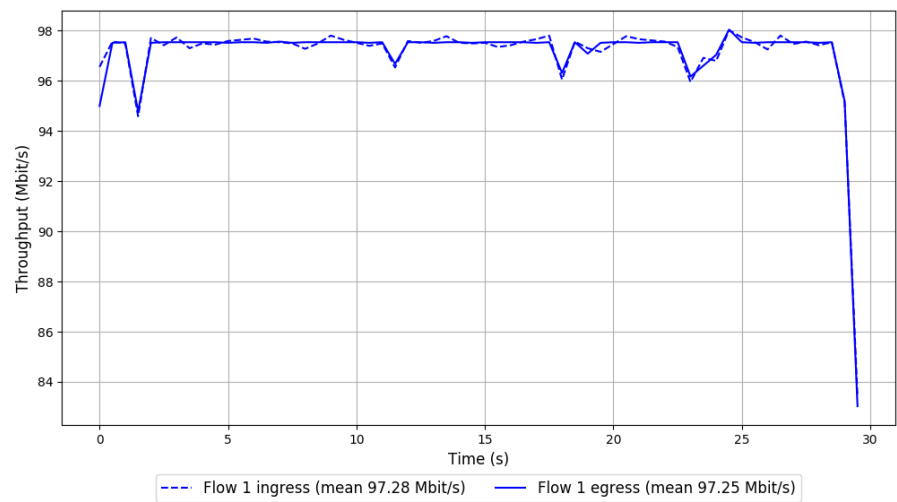
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 8.363 ms

Loss rate: 0.03%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:32:13 +0000

End at: Tue, 25 Jul 2017 00:32:43 +0000

Local clock offset: -1.798 ms

Remote clock offset: 0.139 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 8.506 ms

Loss rate: 0.03%

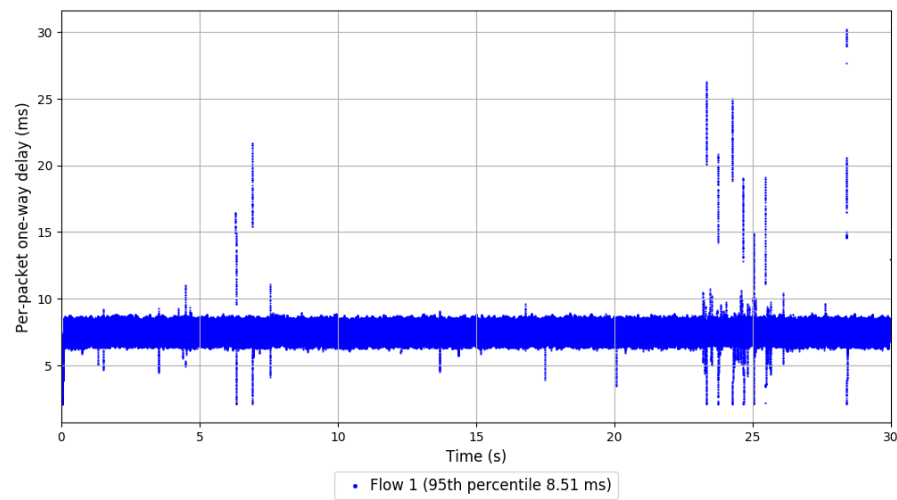
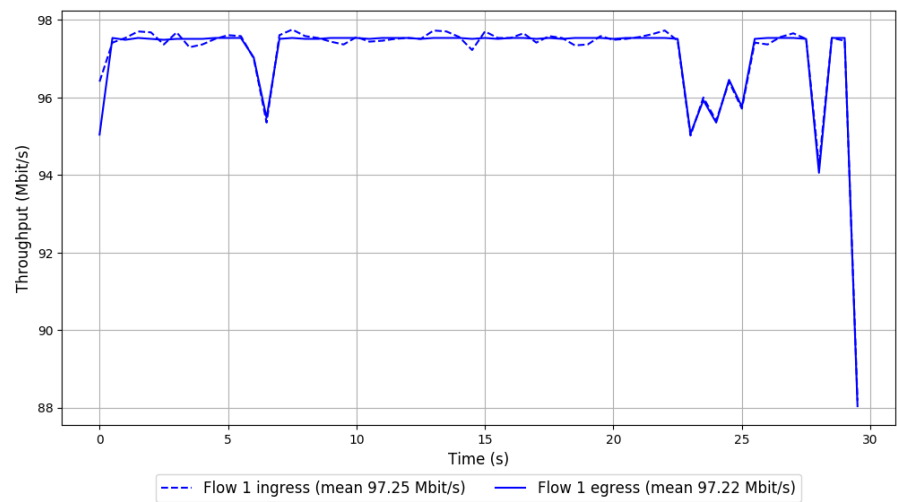
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 8.506 ms

Loss rate: 0.03%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 25 Jul 2017 00:49:07 +0000

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

Local clock offset: -1.759 ms

Remote clock offset: 0.064 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 7.525 ms

Loss rate: 0.03%

-- Flow 1:

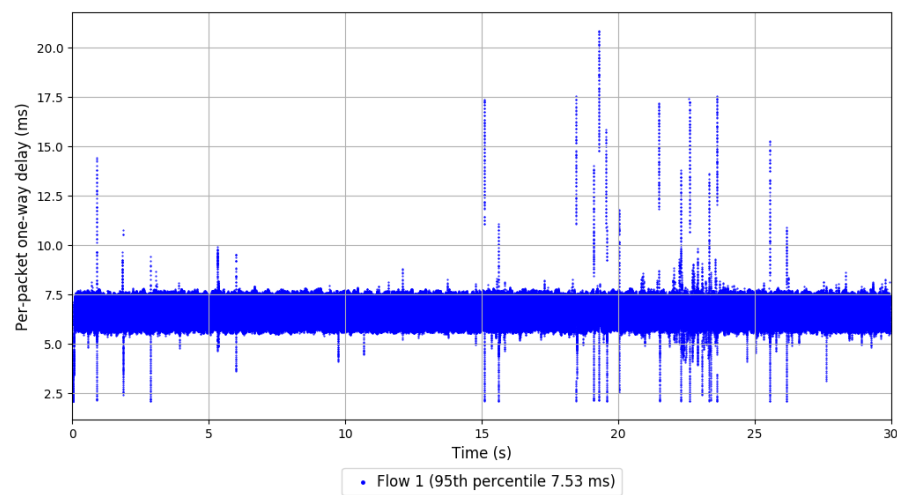
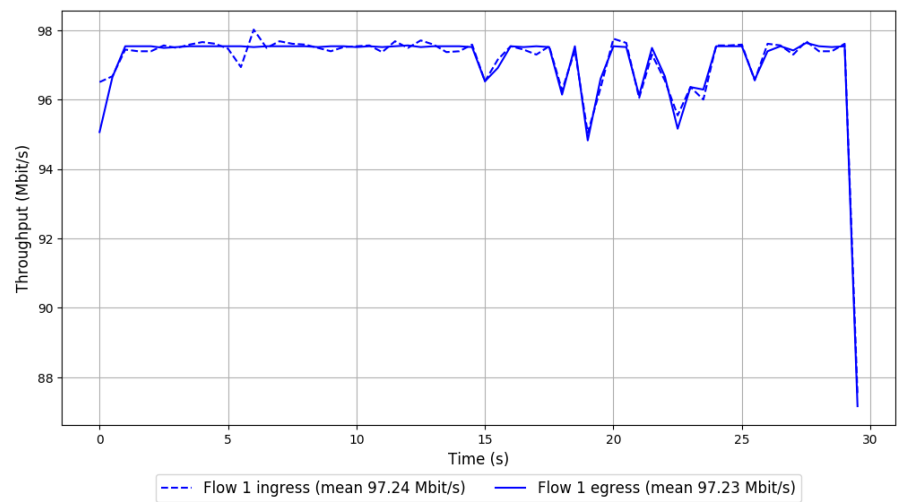
Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 7.525 ms

Loss rate: 0.03%



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

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

End at: Tue, 25 Jul 2017 01:06:31 +0000

Local clock offset: -1.807 ms

Remote clock offset: -0.083 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 8.756 ms

Loss rate: 0.03%

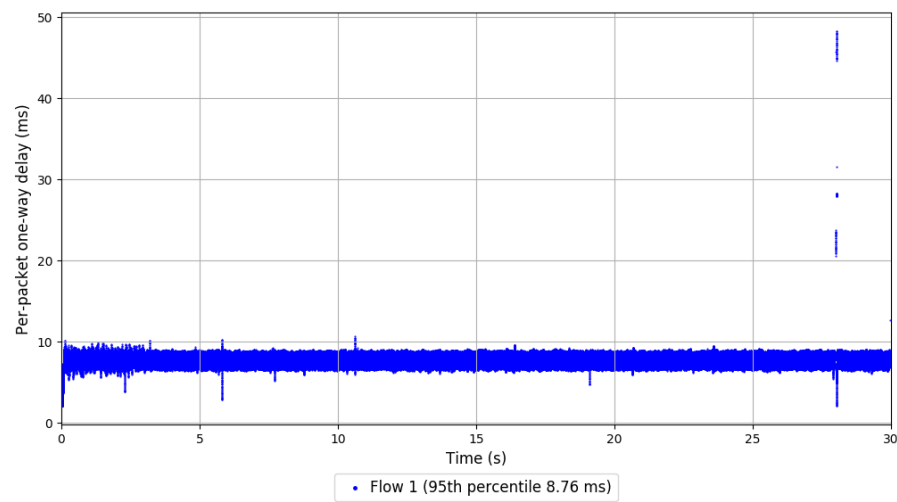
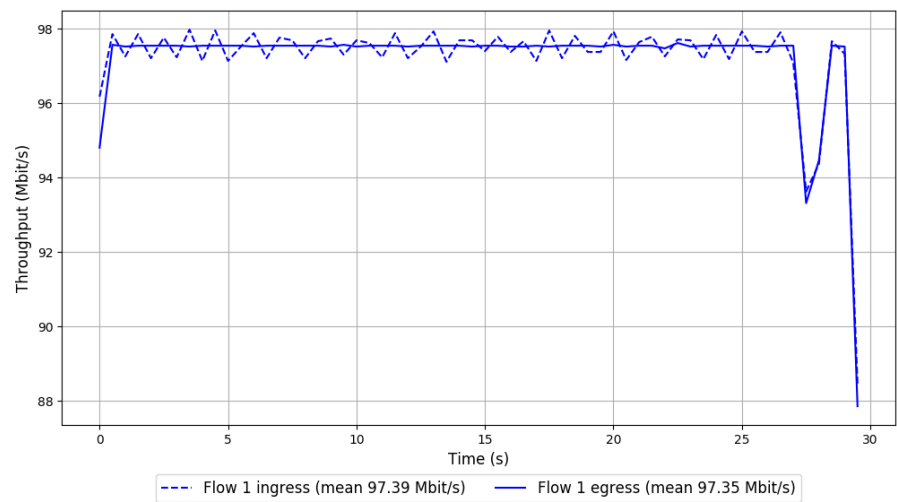
-- Flow 1:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 8.756 ms

Loss rate: 0.03%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

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

End at: Tue, 25 Jul 2017 01:23:27 +0000

Local clock offset: -1.827 ms

Remote clock offset: -0.257 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:26:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 7.809 ms

Loss rate: 0.03%

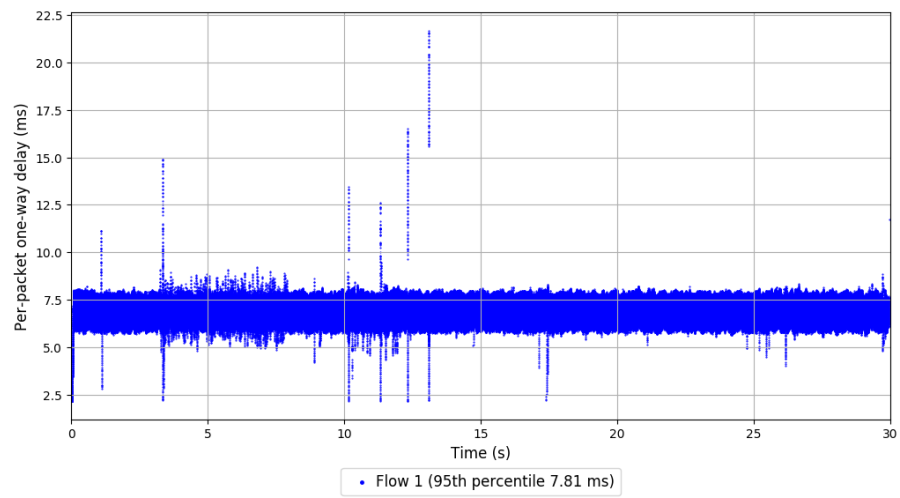
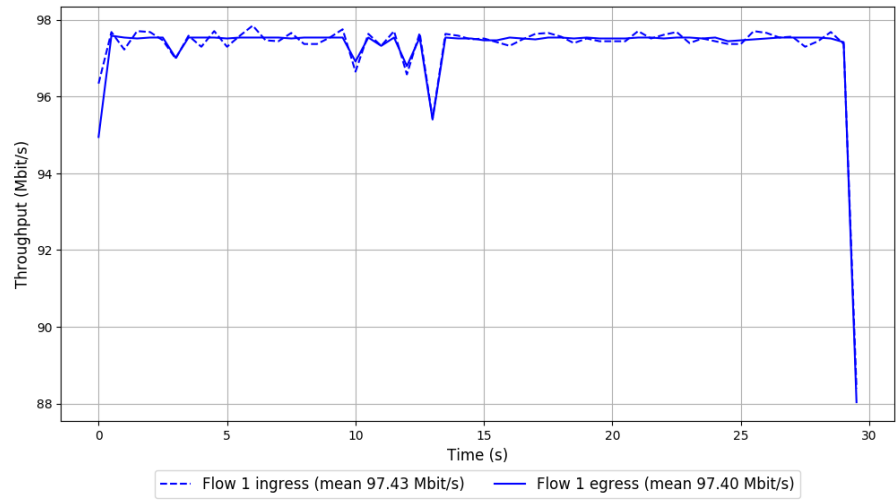
-- Flow 1:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 7.809 ms

Loss rate: 0.03%

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



Run 10: Statistics of CalibratedKoho

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

End at: Tue, 25 Jul 2017 01:40:30 +0000

Local clock offset: -1.937 ms

Remote clock offset: -0.238 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:26:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 7.657 ms

Loss rate: 0.03%

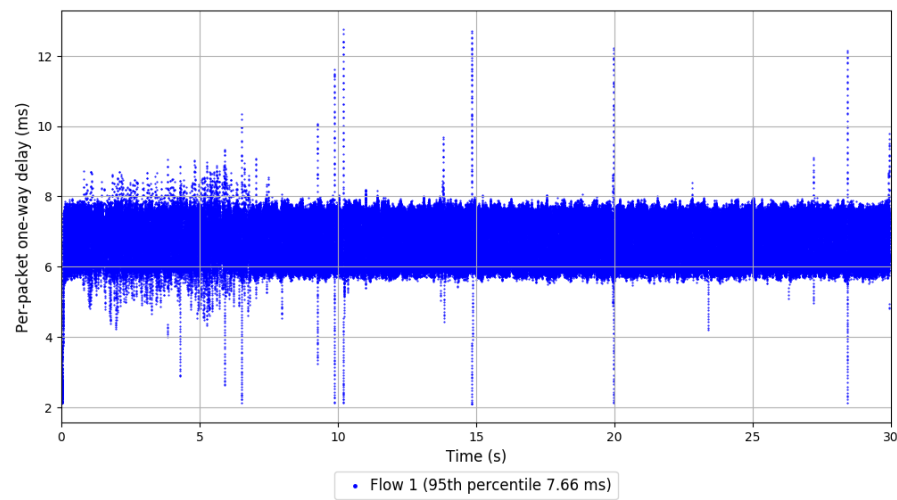
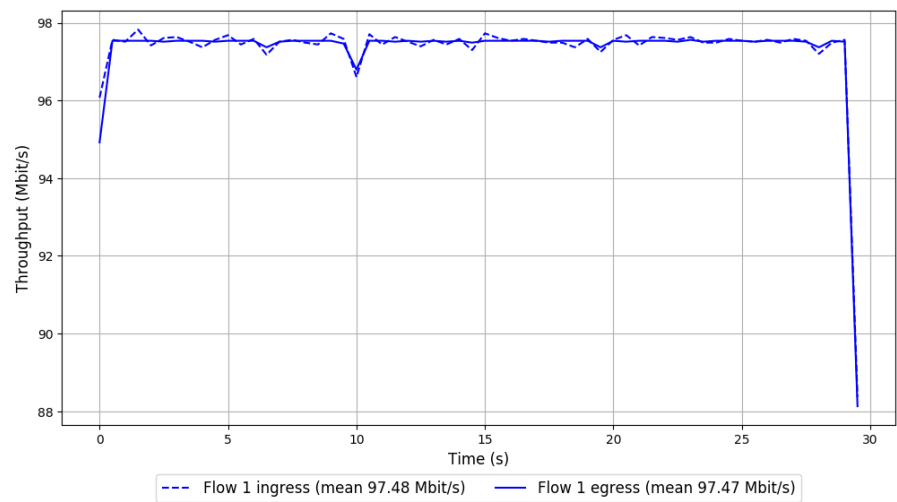
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 7.657 ms

Loss rate: 0.03%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:01:35 +0000

End at: Mon, 24 Jul 2017 23:02:05 +0000

Local clock offset: -2.263 ms

Remote clock offset: 0.674 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.75 Mbit/s

95th percentile per-packet one-way delay: 2.112 ms

Loss rate: 0.01%

-- Flow 1:

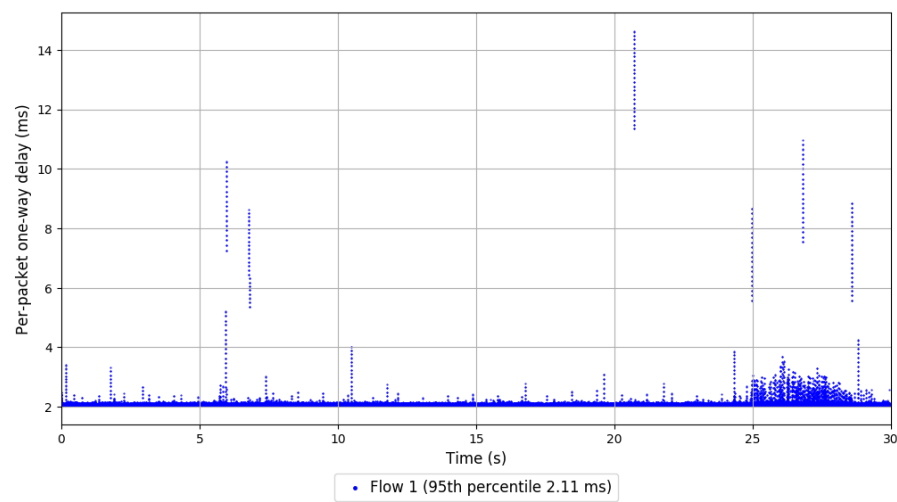
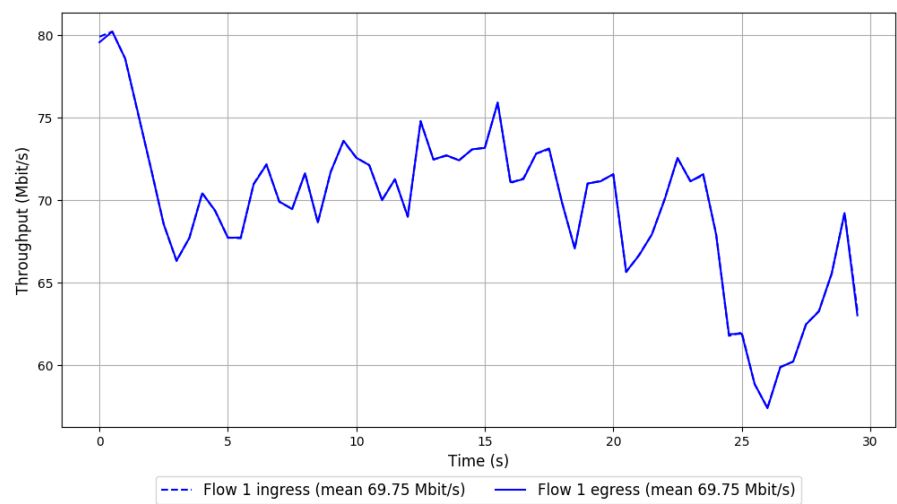
Average throughput: 69.75 Mbit/s

95th percentile per-packet one-way delay: 2.112 ms

Loss rate: 0.01%



Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:18:38 +0000

End at: Mon, 24 Jul 2017 23:19:08 +0000

Local clock offset: -2.101 ms

Remote clock offset: 0.749 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.27 Mbit/s

95th percentile per-packet one-way delay: 2.190 ms

Loss rate: 0.01%

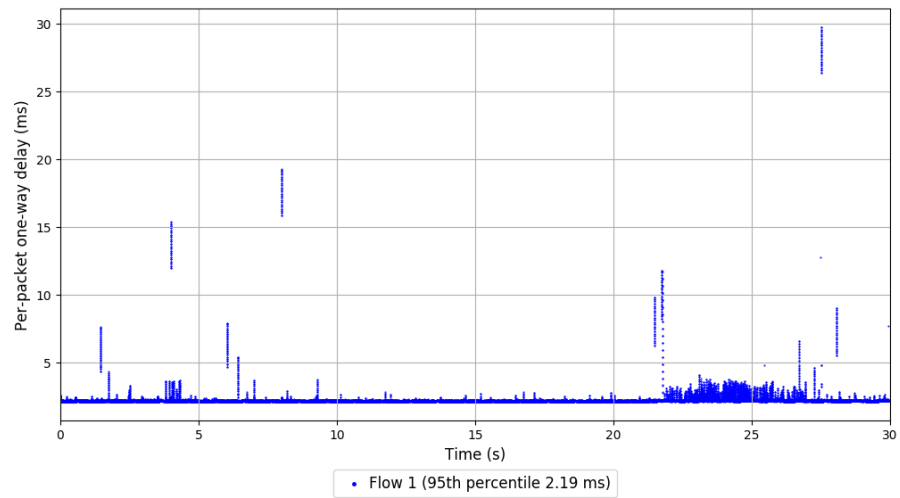
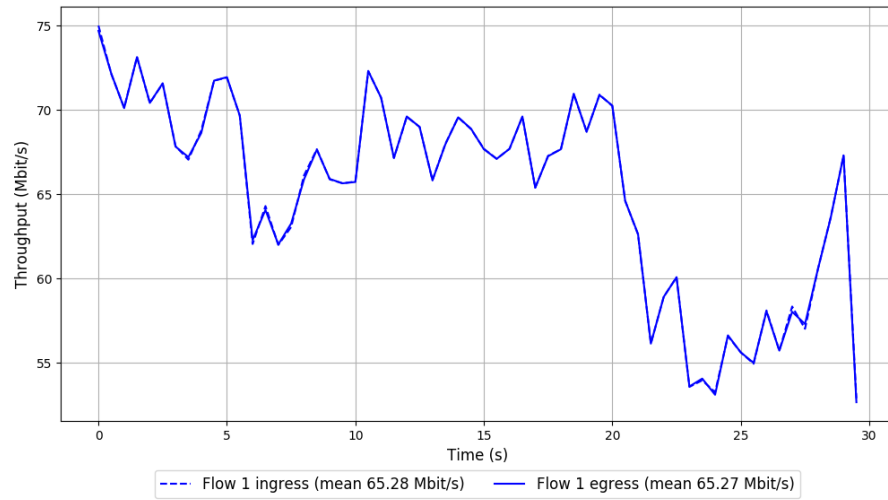
-- Flow 1:

Average throughput: 65.27 Mbit/s

95th percentile per-packet one-way delay: 2.190 ms

Loss rate: 0.01%

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:35:39 +0000

End at: Mon, 24 Jul 2017 23:36:09 +0000

Local clock offset: -1.993 ms

Remote clock offset: 0.613 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:26:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.79 Mbit/s

95th percentile per-packet one-way delay: 2.146 ms

Loss rate: 0.01%

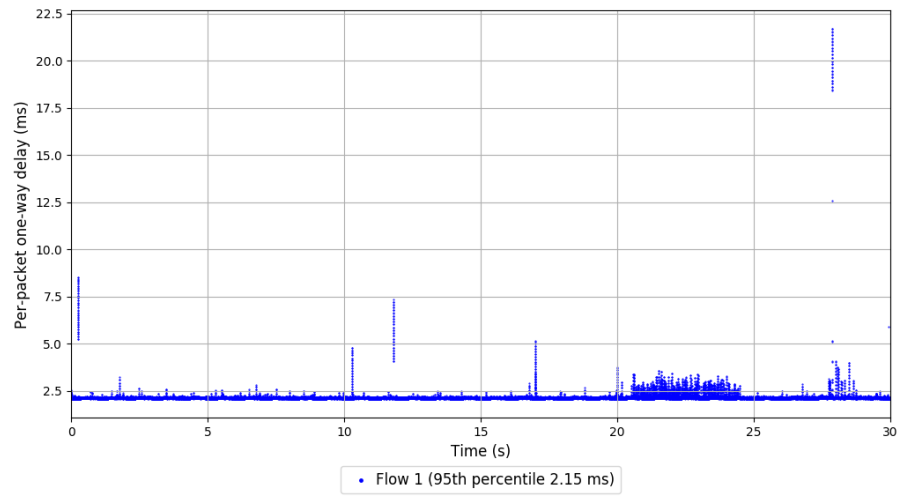
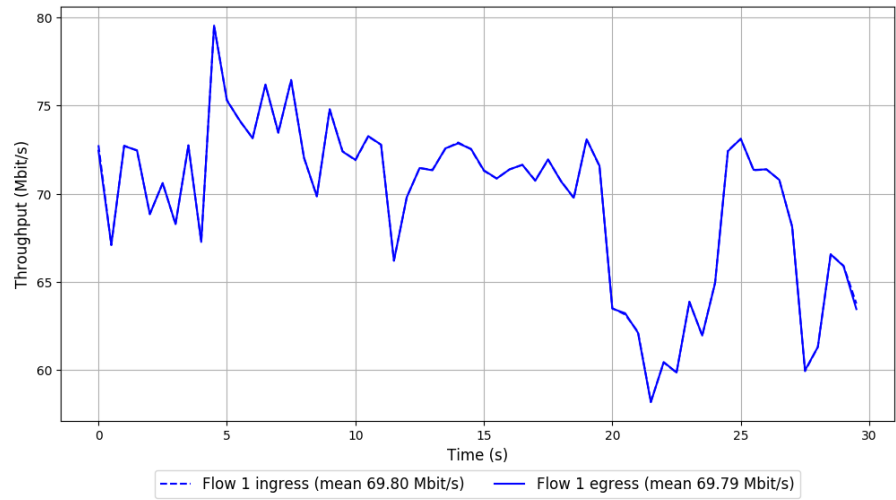
-- Flow 1:

Average throughput: 69.79 Mbit/s

95th percentile per-packet one-way delay: 2.146 ms

Loss rate: 0.01%

### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Mon, 24 Jul 2017 23:52:35 +0000

End at: Mon, 24 Jul 2017 23:53:05 +0000

Local clock offset: -1.918 ms

Remote clock offset: 0.448 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:26:43 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.36 Mbit/s

95th percentile per-packet one-way delay: 2.168 ms

Loss rate: 0.02%

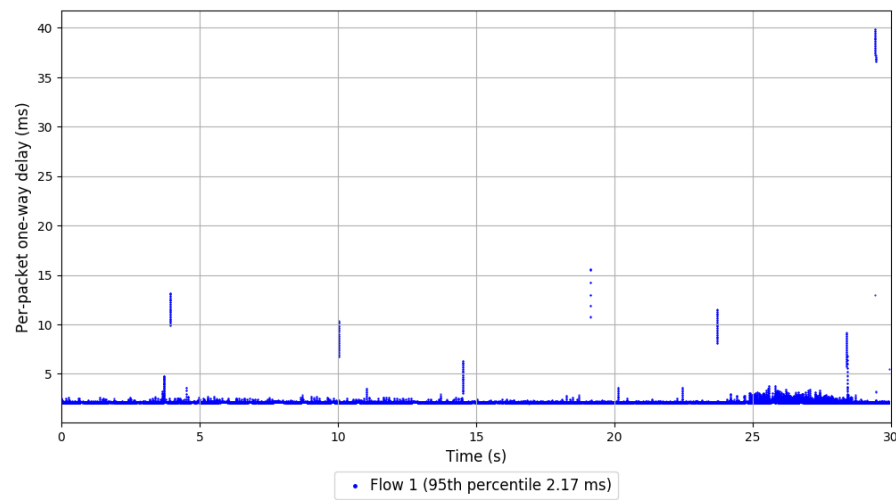
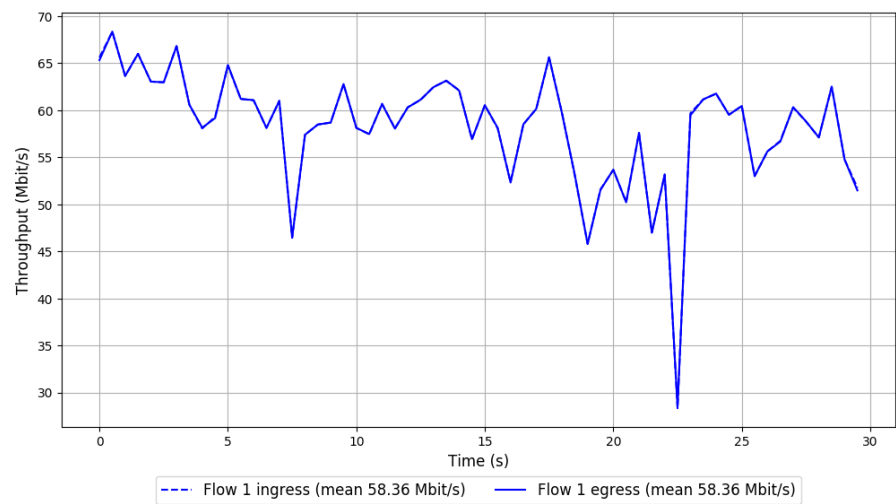
-- Flow 1:

Average throughput: 58.36 Mbit/s

95th percentile per-packet one-way delay: 2.168 ms

Loss rate: 0.02%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:09:29 +0000

End at: Tue, 25 Jul 2017 00:09:59 +0000

Local clock offset: -1.941 ms

Remote clock offset: 0.321 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:26:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.47 Mbit/s

95th percentile per-packet one-way delay: 2.053 ms

Loss rate: 0.01%

-- Flow 1:

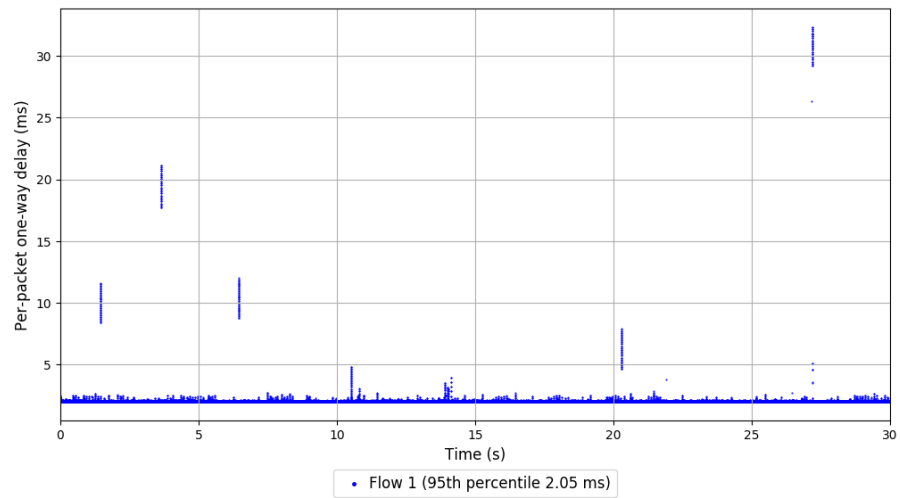
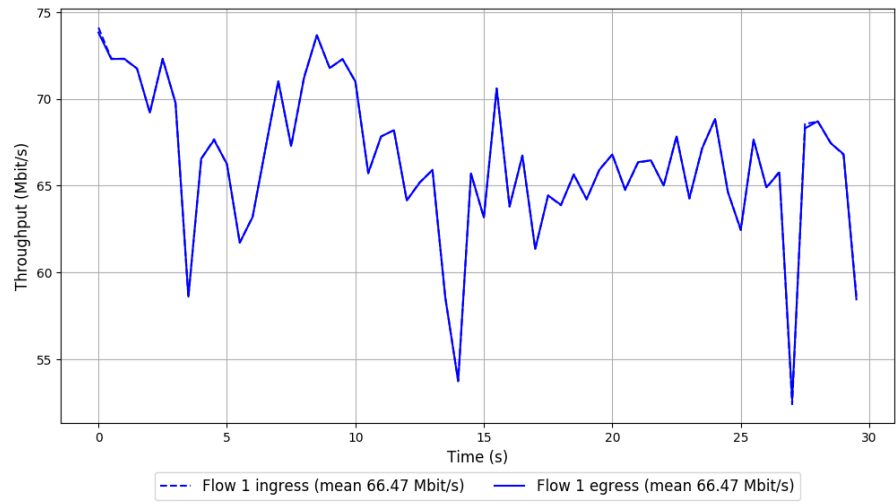
Average throughput: 66.47 Mbit/s

95th percentile per-packet one-way delay: 2.053 ms

Loss rate: 0.01%



### Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:26:31 +0000

End at: Tue, 25 Jul 2017 00:27:01 +0000

Local clock offset: -1.869 ms

Remote clock offset: 0.222 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.07 Mbit/s

95th percentile per-packet one-way delay: 2.067 ms

Loss rate: 0.01%

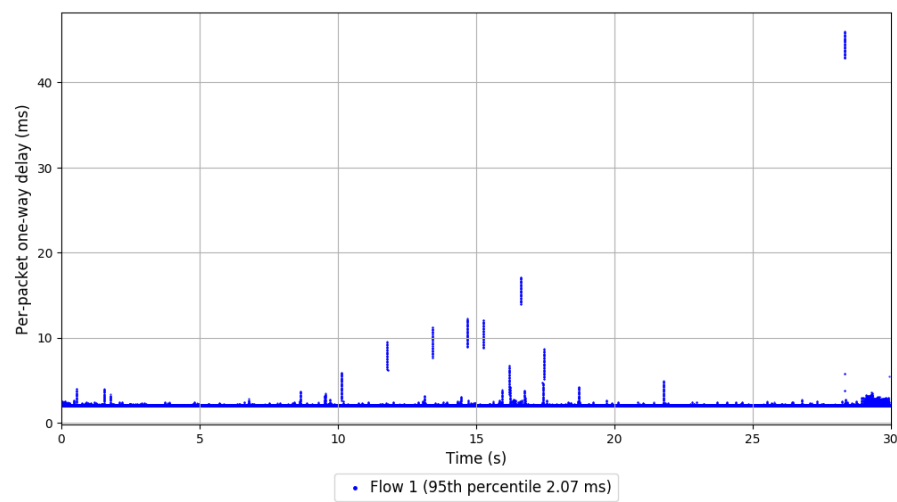
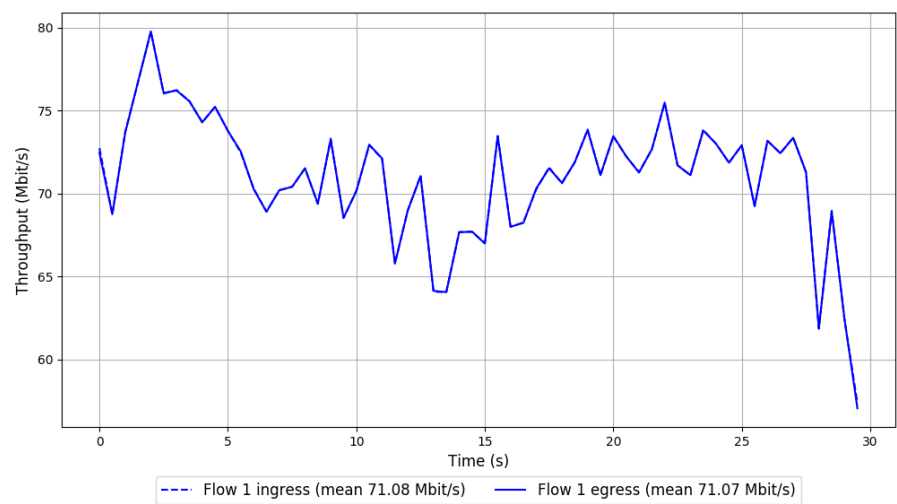
-- Flow 1:

Average throughput: 71.07 Mbit/s

95th percentile per-packet one-way delay: 2.067 ms

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Tue, 25 Jul 2017 00:43:33 +0000

End at: Tue, 25 Jul 2017 00:44:03 +0000

Local clock offset: -1.749 ms

Remote clock offset: -0.008 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.85 Mbit/s

95th percentile per-packet one-way delay: 2.217 ms

Loss rate: 0.01%

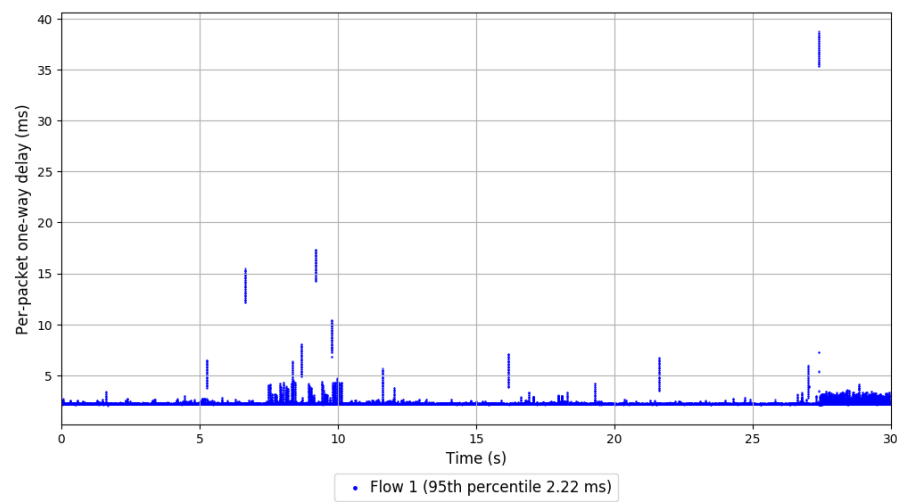
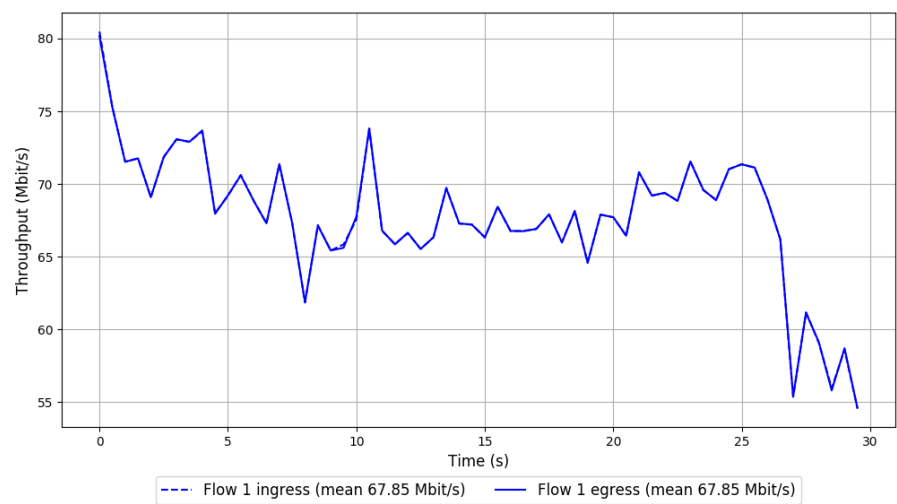
-- Flow 1:

Average throughput: 67.85 Mbit/s

95th percentile per-packet one-way delay: 2.217 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:00:27 +0000

End at: Tue, 25 Jul 2017 01:00:57 +0000

Local clock offset: -1.786 ms

Remote clock offset: -0.05 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 2.128 ms

Loss rate: 0.01%

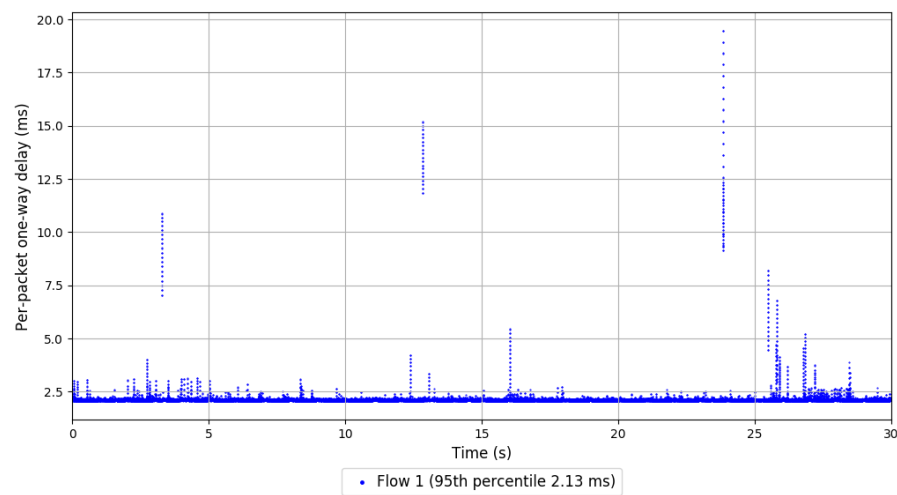
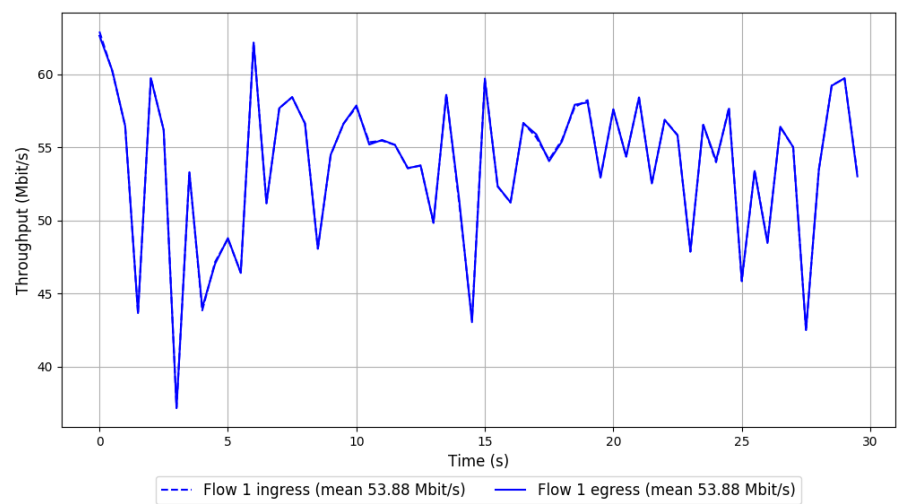
-- Flow 1:

Average throughput: 53.88 Mbit/s

95th percentile per-packet one-way delay: 2.128 ms

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

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

End at: Tue, 25 Jul 2017 01:17:51 +0000

Local clock offset: -1.815 ms

Remote clock offset: -0.172 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.93 Mbit/s

95th percentile per-packet one-way delay: 2.151 ms

Loss rate: 0.01%

-- Flow 1:

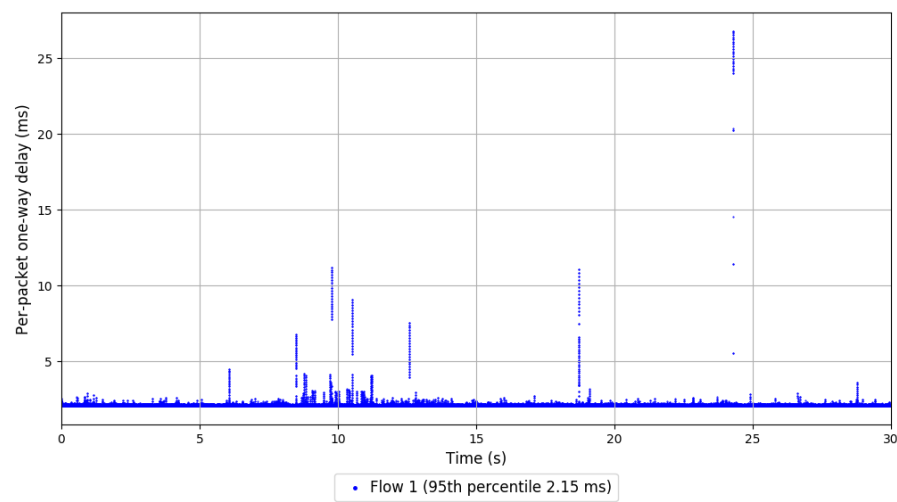
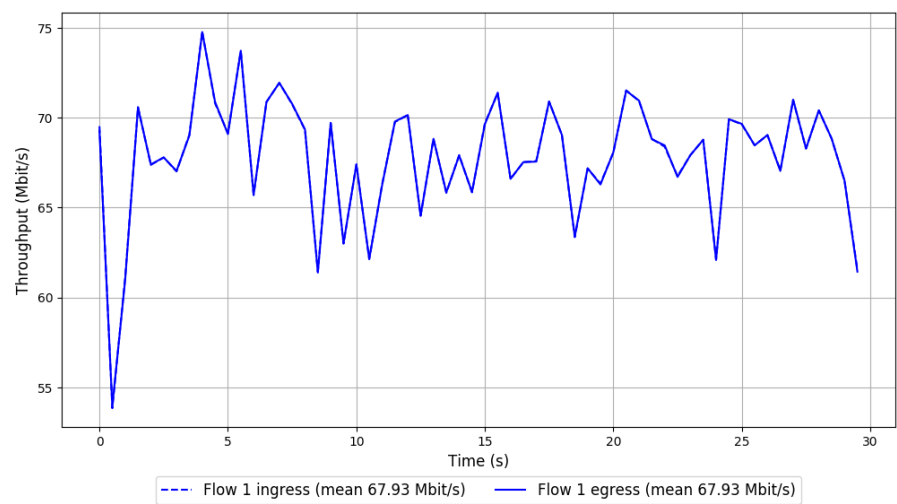
Average throughput: 67.93 Mbit/s

95th percentile per-packet one-way delay: 2.151 ms

Loss rate: 0.01%



Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Tue, 25 Jul 2017 01:34:24 +0000

End at: Tue, 25 Jul 2017 01:34:54 +0000

Local clock offset: -1.981 ms

Remote clock offset: -0.246 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 2.113 ms

Loss rate: 0.01%

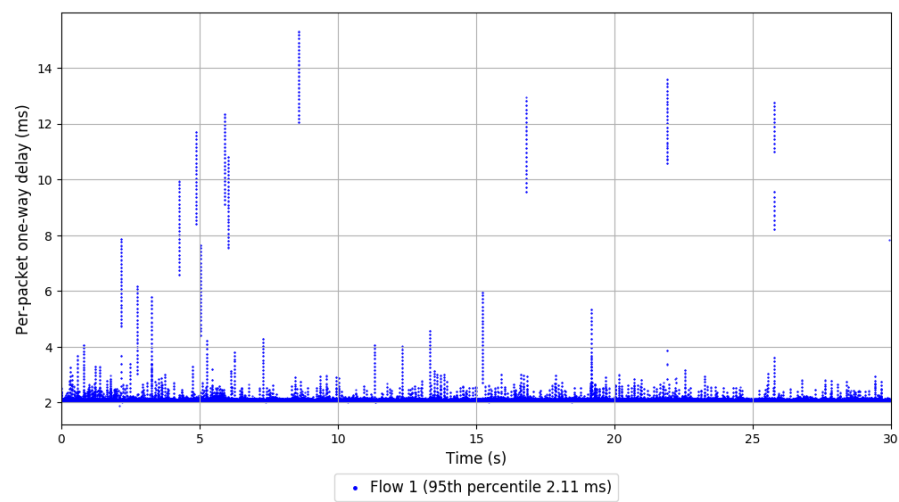
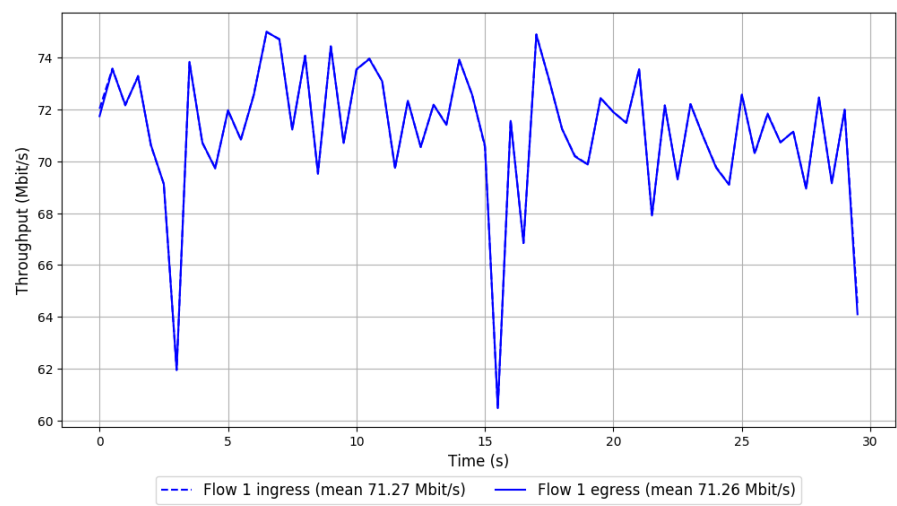
-- Flow 1:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 2.113 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

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

End at: Mon, 24 Jul 2017 22:57:23 +0000

Local clock offset: -2.196 ms

Remote clock offset: 0.658 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 14.175 ms

Loss rate: 0.05%

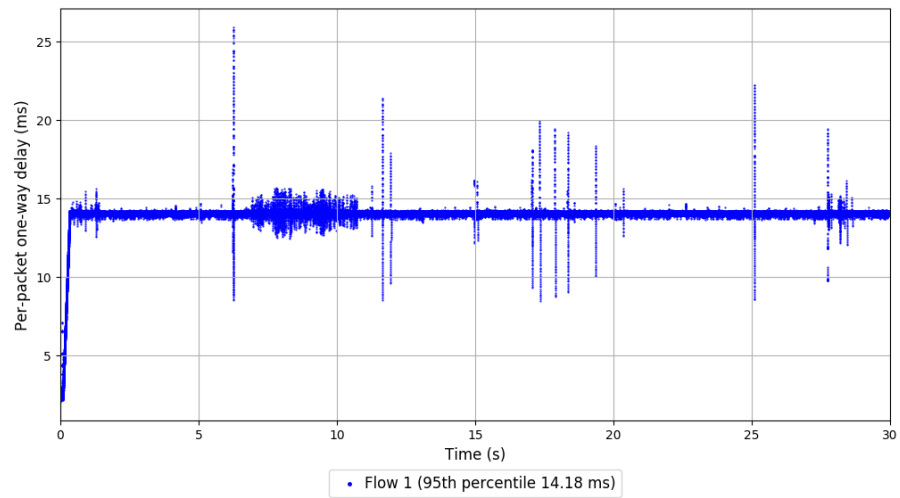
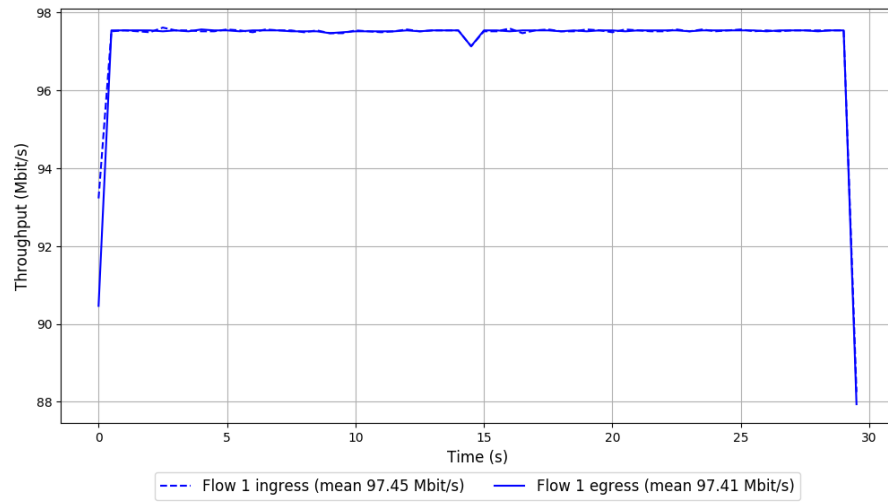
-- Flow 1:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 14.175 ms

Loss rate: 0.05%

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



Run 2: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:13:54 +0000

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

Local clock offset: -2.145 ms

Remote clock offset: 0.715 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 14.165 ms

Loss rate: 0.05%

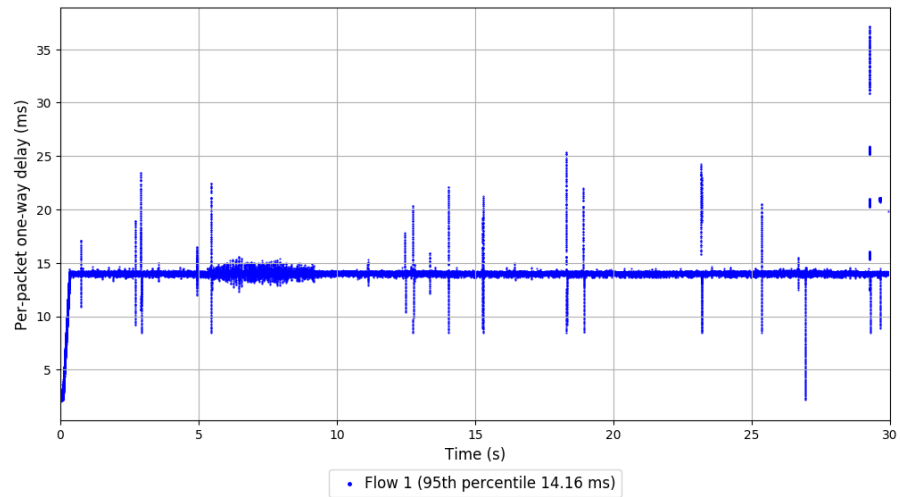
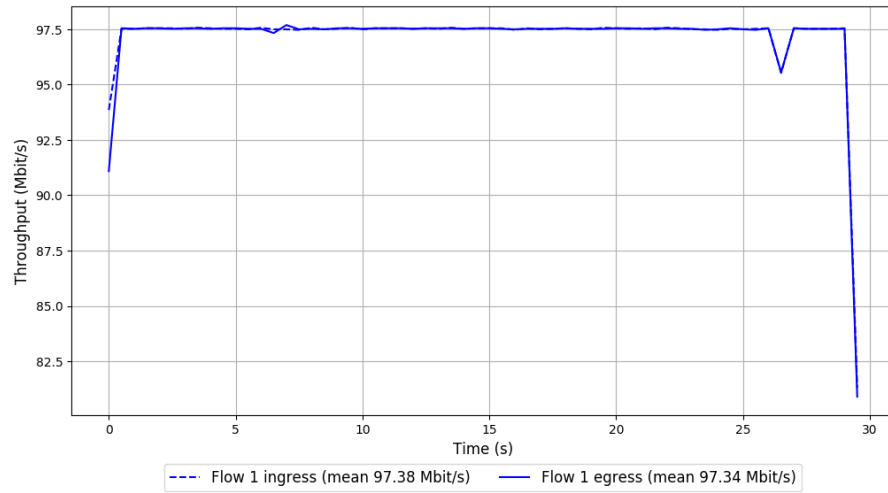
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 14.165 ms

Loss rate: 0.05%

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



Run 3: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:30:57 +0000

End at: Mon, 24 Jul 2017 23:31:27 +0000

Local clock offset: -2.053 ms

Remote clock offset: 0.659 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:27:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.098 ms

Loss rate: 0.05%

-- Flow 1:

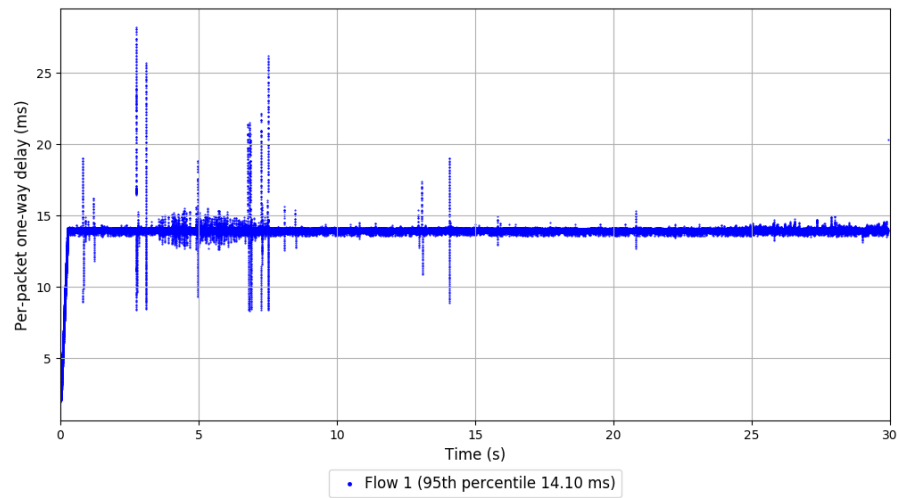
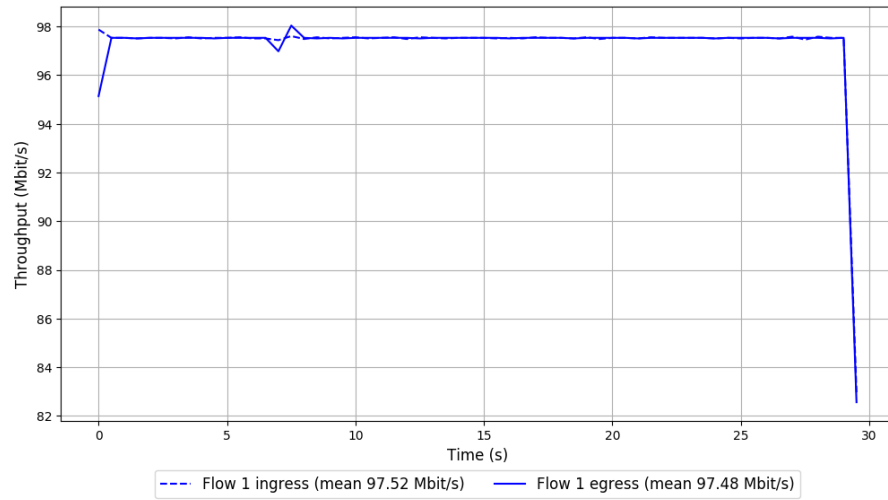
Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.098 ms

Loss rate: 0.05%



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



Run 4: Statistics of TCP Cubic

Start at: Mon, 24 Jul 2017 23:47:53 +0000

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

Local clock offset: -1.905 ms

Remote clock offset: 0.527 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 14.142 ms

Loss rate: 0.05%

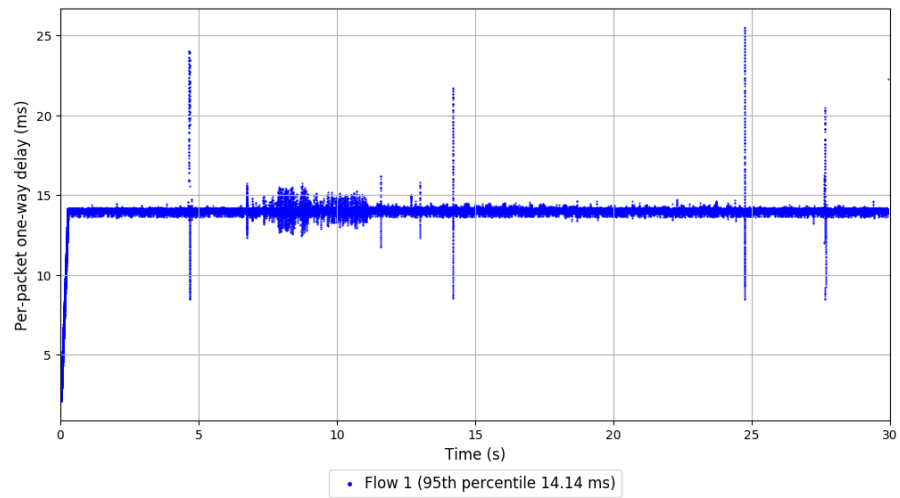
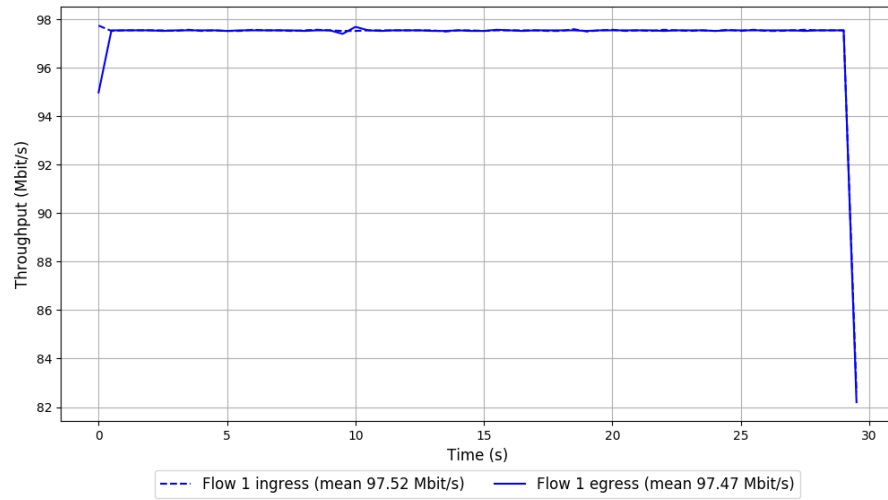
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 14.142 ms

Loss rate: 0.05%

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



Run 5: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:04:47 +0000

End at: Tue, 25 Jul 2017 00:05:17 +0000

Local clock offset: -1.869 ms

Remote clock offset: 0.338 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 14.169 ms

Loss rate: 0.05%

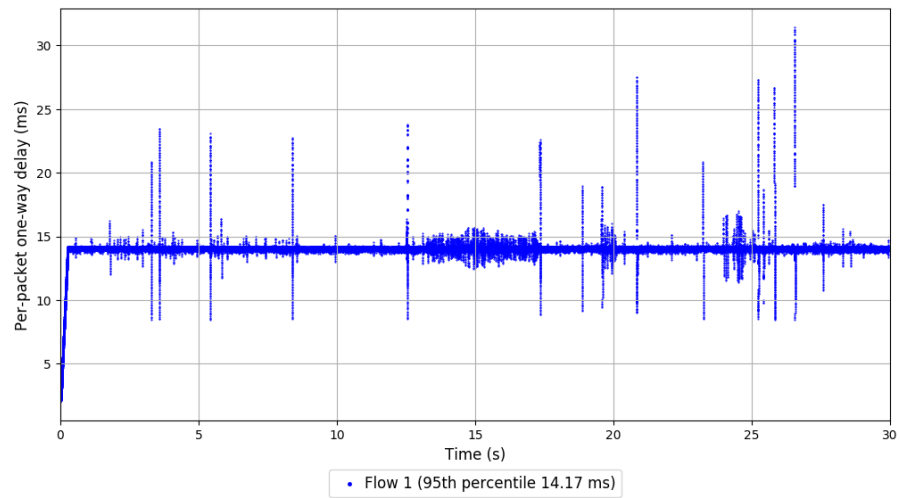
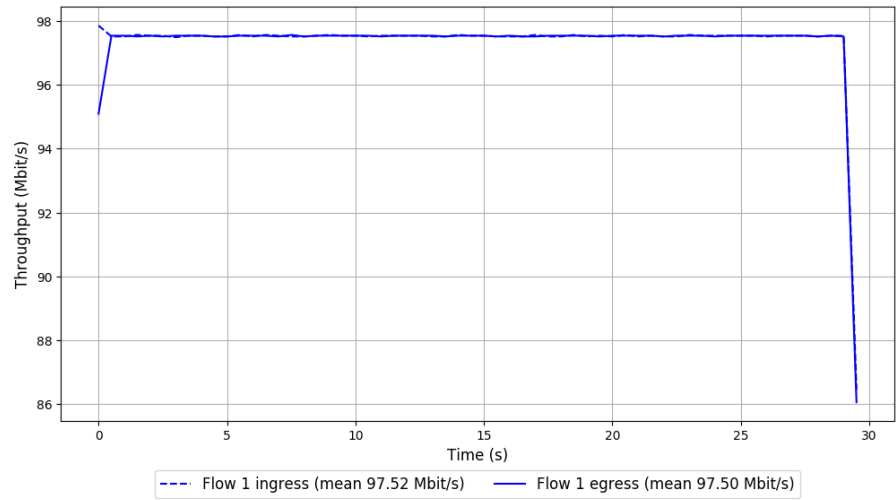
-- Flow 1:

Average throughput: 97.50 Mbit/s

95th percentile per-packet one-way delay: 14.169 ms

Loss rate: 0.05%

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



Run 6: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:21:48 +0000

End at: Tue, 25 Jul 2017 00:22:18 +0000

Local clock offset: -1.82 ms

Remote clock offset: 0.218 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:13 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 14.142 ms

Loss rate: 0.05%

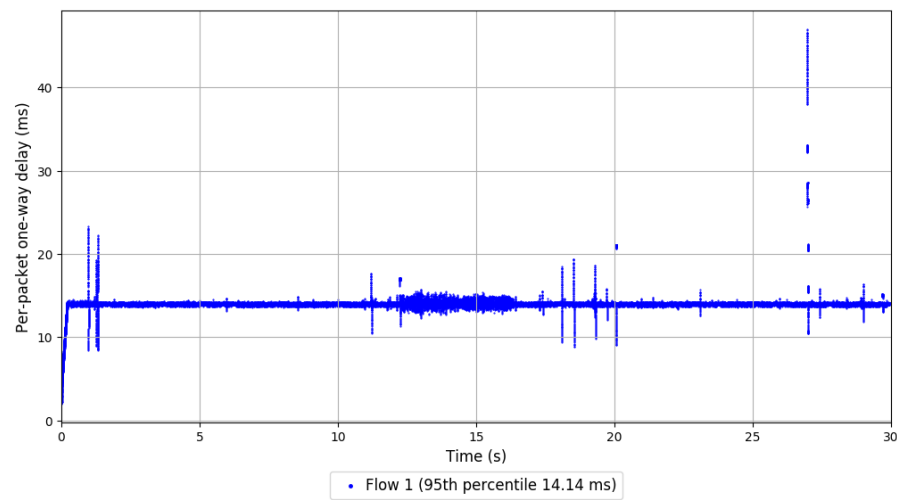
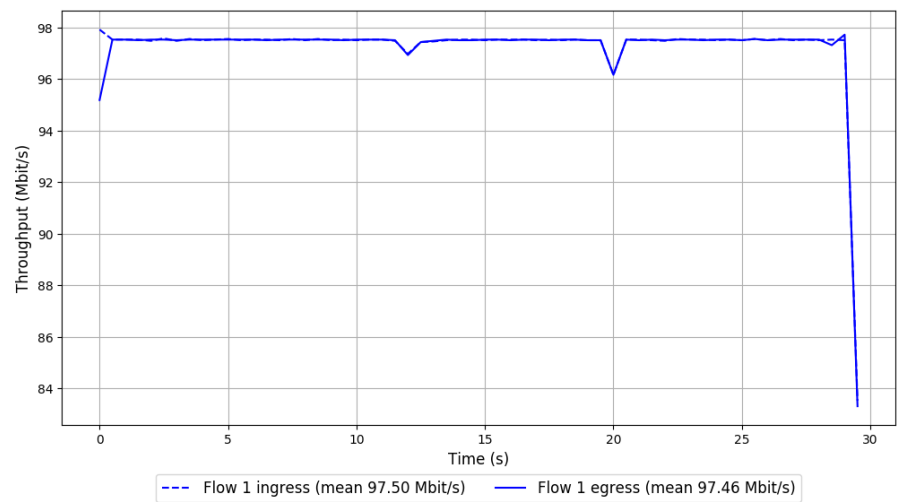
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 14.142 ms

Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:38:51 +0000

End at: Tue, 25 Jul 2017 00:39:21 +0000

Local clock offset: -1.776 ms

Remote clock offset: 0.053 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 14.187 ms

Loss rate: 0.05%

-- Flow 1:

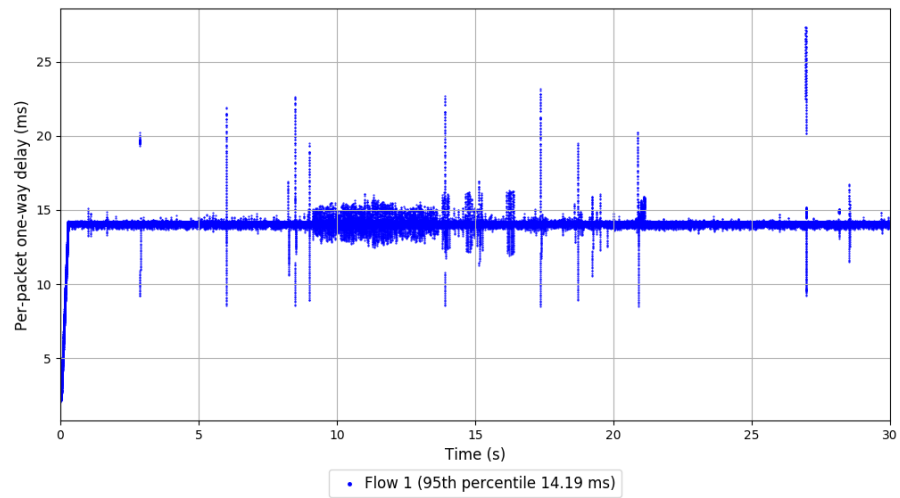
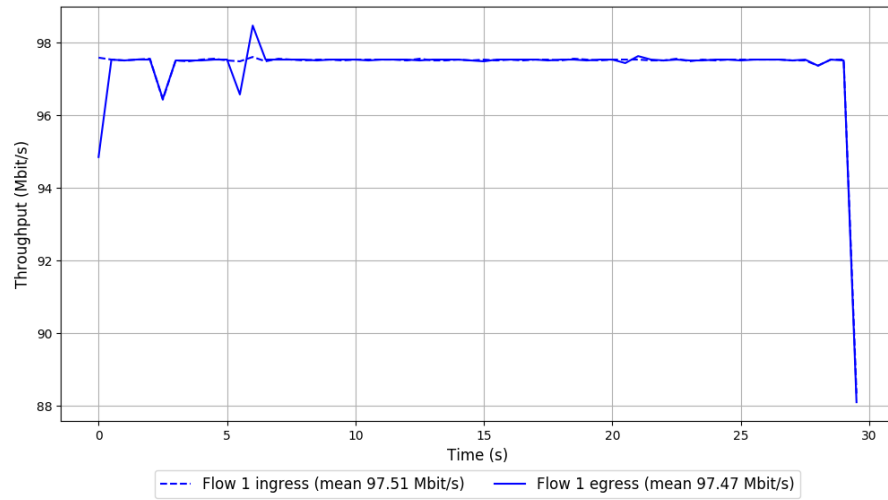
Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 14.187 ms

Loss rate: 0.05%



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



Run 8: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 00:55:45 +0000

End at: Tue, 25 Jul 2017 00:56:15 +0000

Local clock offset: -1.809 ms

Remote clock offset: 0.003 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.080 ms

Loss rate: 0.05%

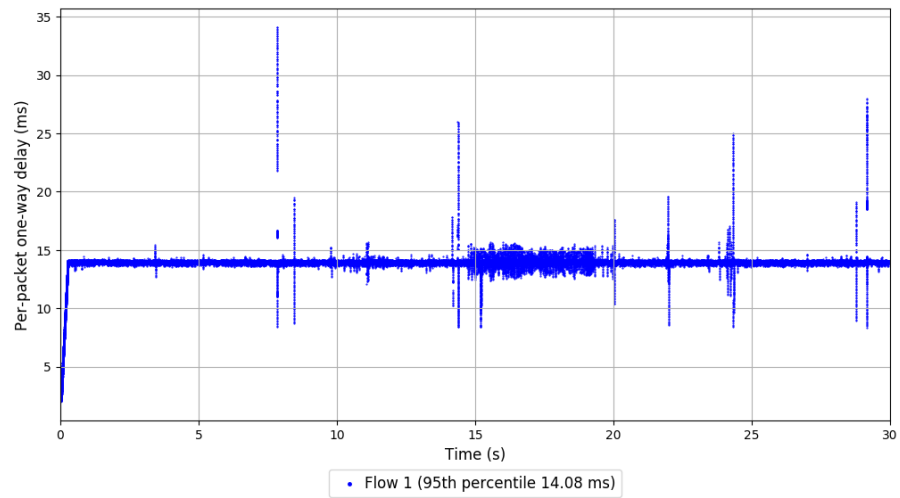
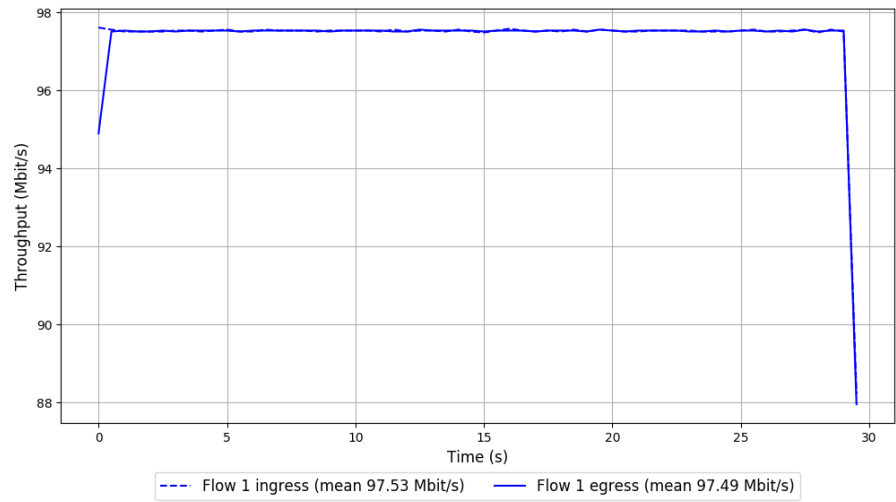
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.080 ms

Loss rate: 0.05%

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



Run 9: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:12:39 +0000

End at: Tue, 25 Jul 2017 01:13:09 +0000

Local clock offset: -1.796 ms

Remote clock offset: -0.092 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.056 ms

Loss rate: 0.05%

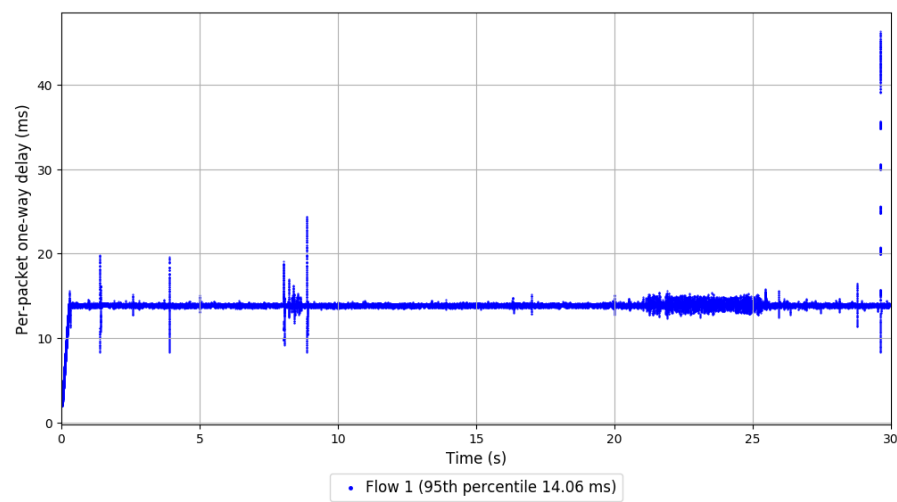
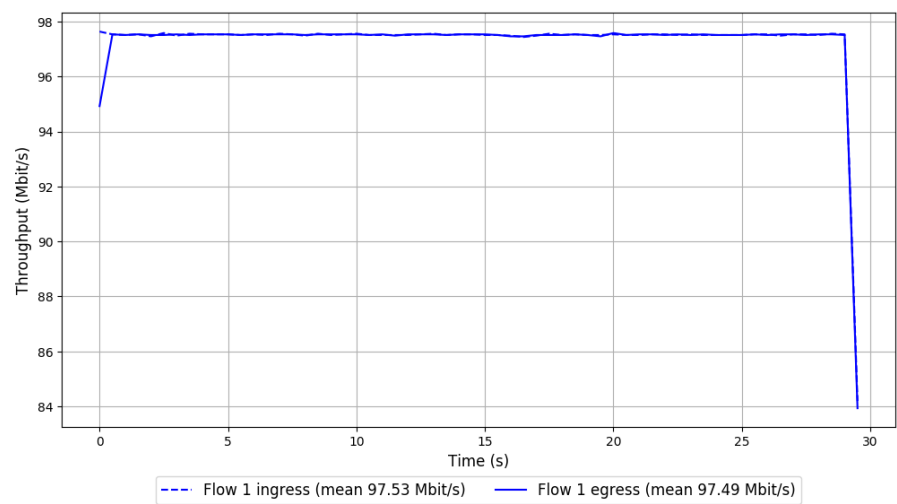
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.056 ms

Loss rate: 0.05%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Tue, 25 Jul 2017 01:29:42 +0000

End at: Tue, 25 Jul 2017 01:30:12 +0000

Local clock offset: -1.871 ms

Remote clock offset: -0.187 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 14.084 ms

Loss rate: 0.05%

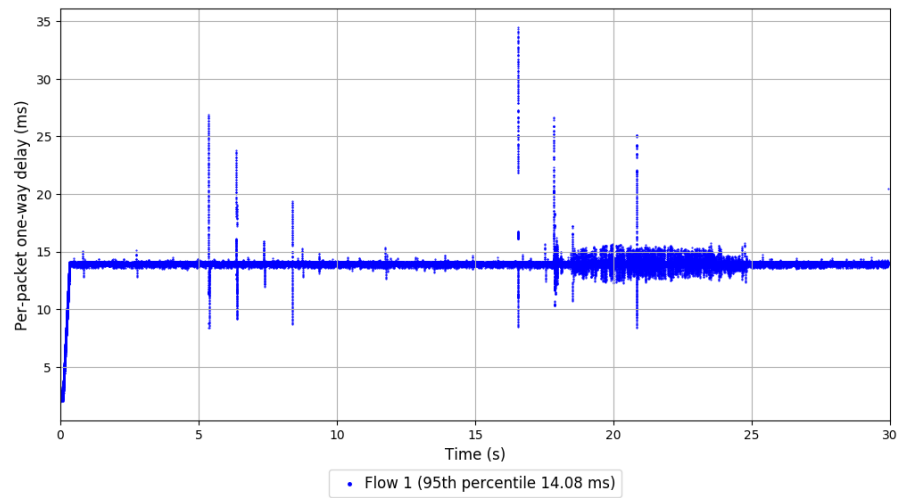
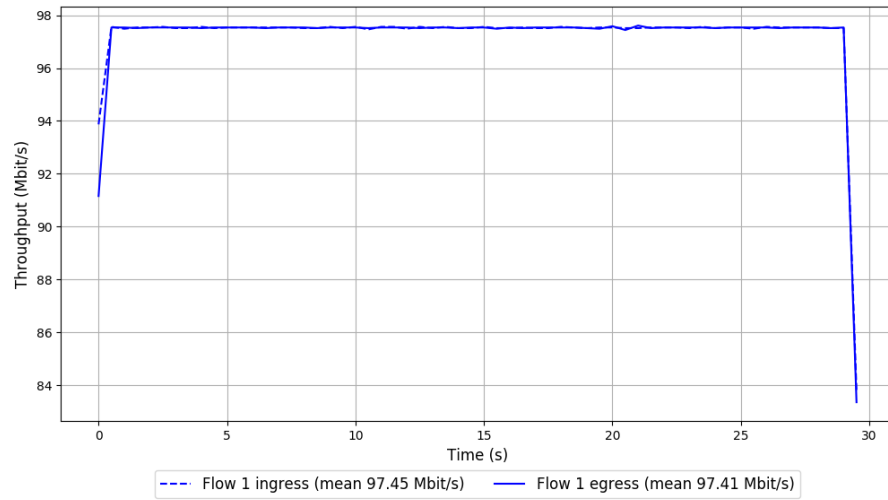
-- Flow 1:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 14.084 ms

Loss rate: 0.05%

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



Run 1: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:02:46 +0000

End at: Mon, 24 Jul 2017 23:03:16 +0000

Local clock offset: -2.338 ms

Remote clock offset: 0.623 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 3.067 ms

Loss rate: 0.02%

-- Flow 1:

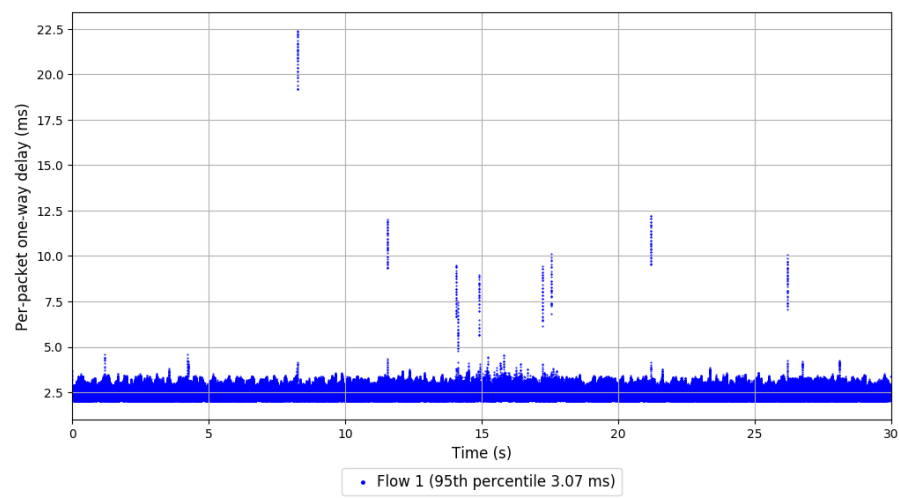
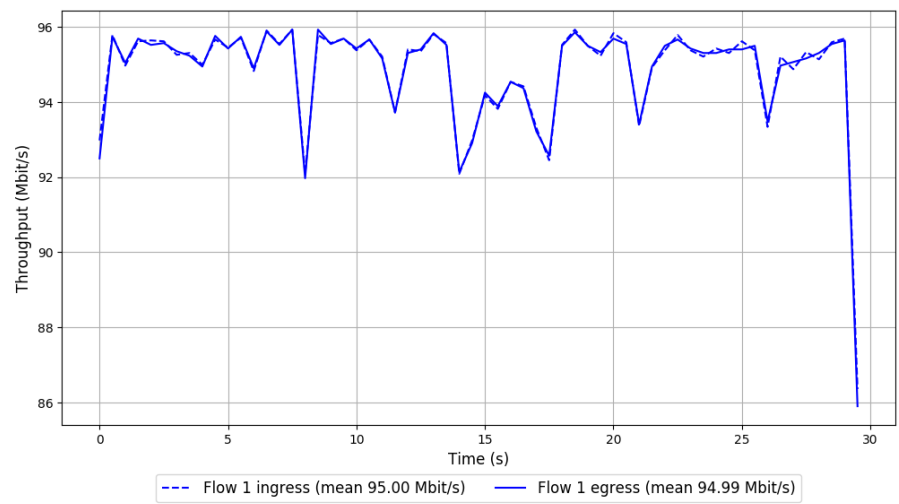
Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 3.067 ms

Loss rate: 0.02%



Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:19:48 +0000

End at: Mon, 24 Jul 2017 23:20:18 +0000

Local clock offset: -2.1 ms

Remote clock offset: 0.726 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.70 Mbit/s

95th percentile per-packet one-way delay: 2.249 ms

Loss rate: 0.01%

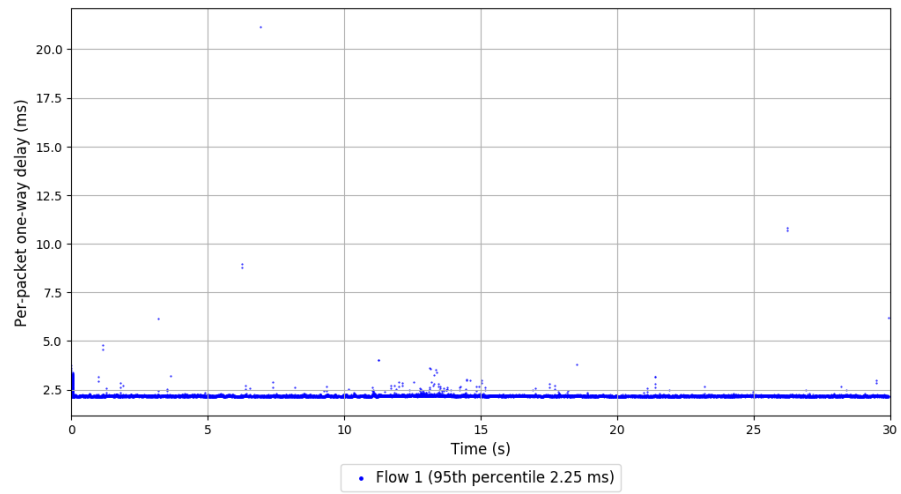
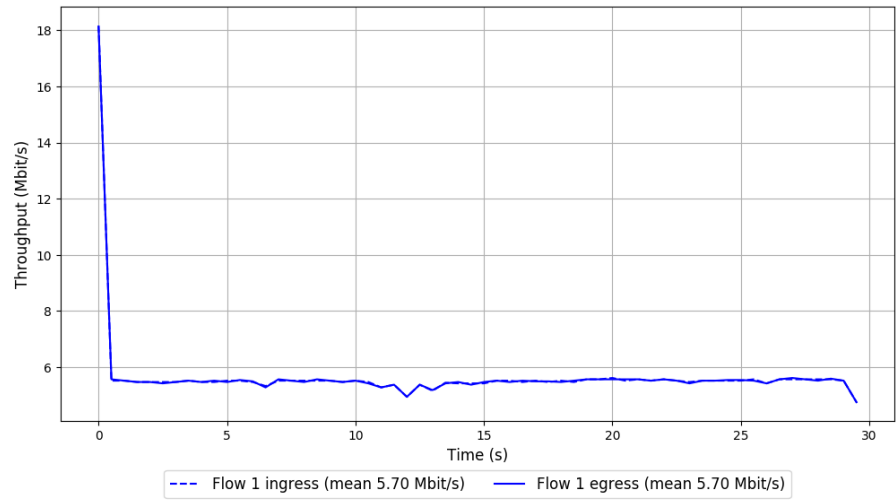
-- Flow 1:

Average throughput: 5.70 Mbit/s

95th percentile per-packet one-way delay: 2.249 ms

Loss rate: 0.01%

## Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

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

End at: Mon, 24 Jul 2017 23:37:20 +0000

Local clock offset: -1.958 ms

Remote clock offset: 0.615 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 2.210 ms

Loss rate: 0.01%

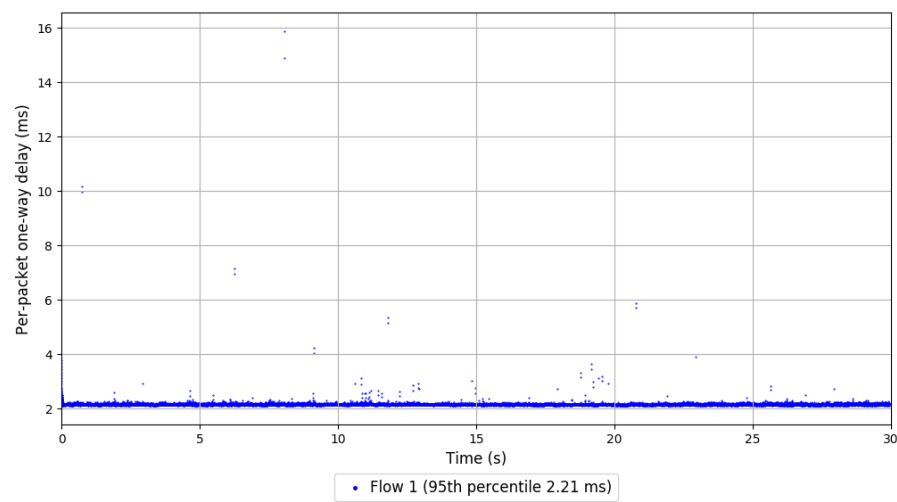
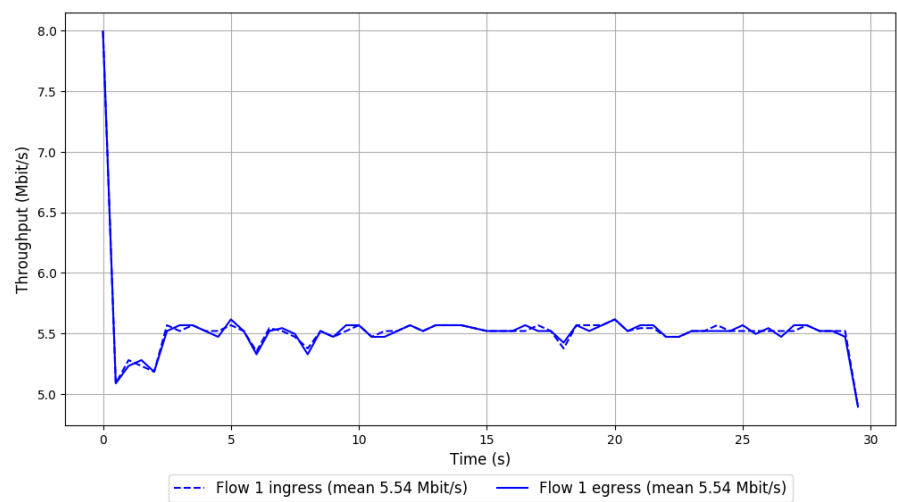
-- Flow 1:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 2.210 ms

Loss rate: 0.01%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Mon, 24 Jul 2017 23:53:45 +0000

End at: Mon, 24 Jul 2017 23:54:15 +0000

Local clock offset: -1.956 ms

Remote clock offset: 0.444 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.67 Mbit/s

95th percentile per-packet one-way delay: 2.191 ms

Loss rate: 0.01%

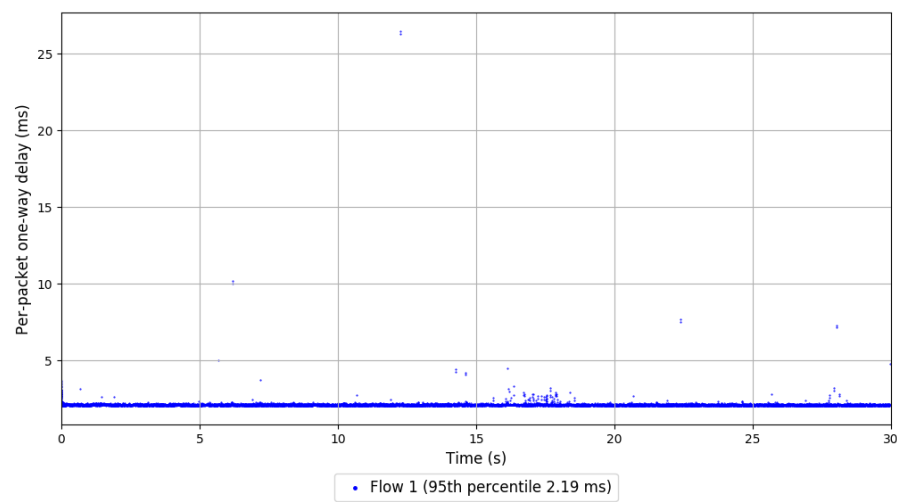
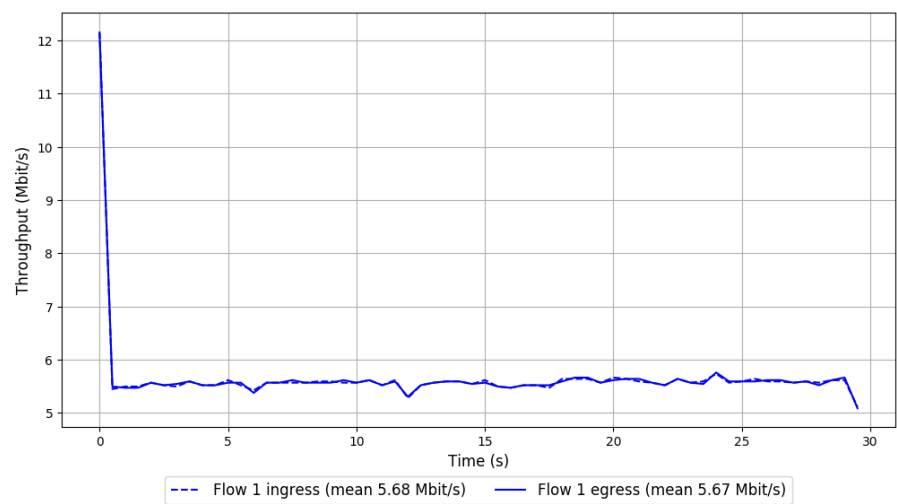
-- Flow 1:

Average throughput: 5.67 Mbit/s

95th percentile per-packet one-way delay: 2.191 ms

Loss rate: 0.01%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:10:40 +0000

End at: Tue, 25 Jul 2017 00:11:10 +0000

Local clock offset: -1.859 ms

Remote clock offset: 0.293 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:28:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 2.527 ms

Loss rate: 0.02%

-- Flow 1:

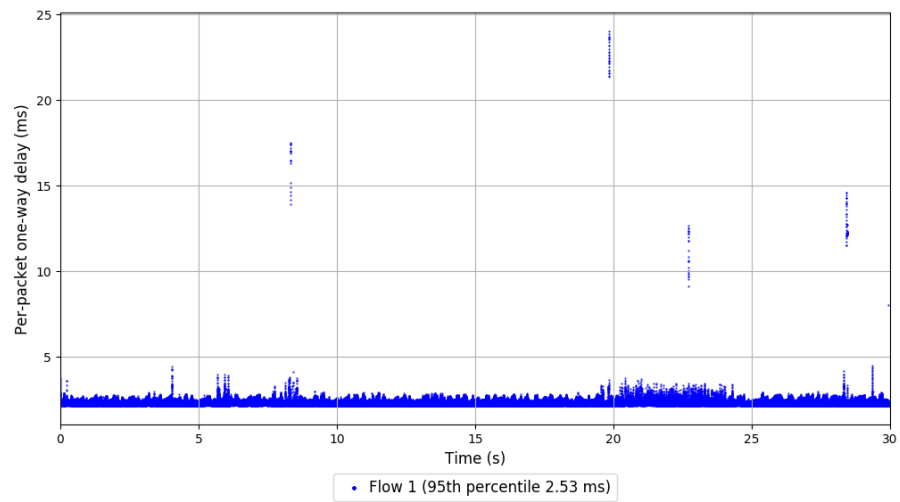
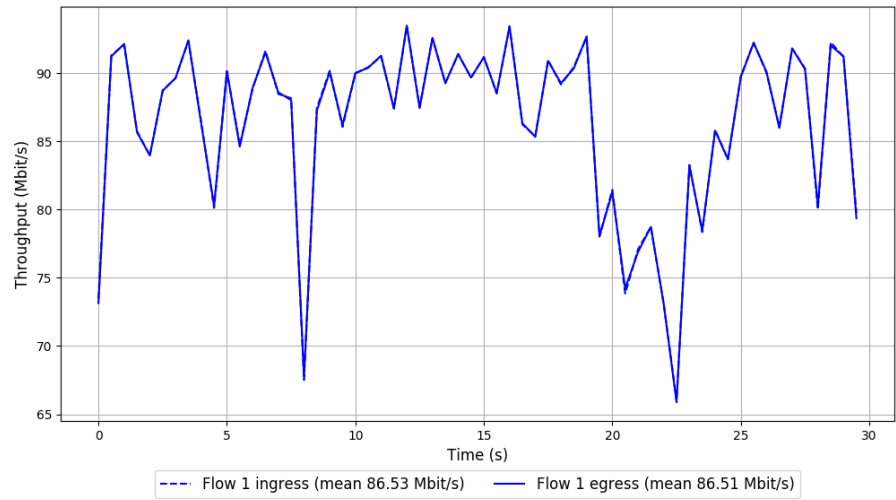
Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 2.527 ms

Loss rate: 0.02%



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



Run 6: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:27:42 +0000

End at: Tue, 25 Jul 2017 00:28:12 +0000

Local clock offset: -1.841 ms

Remote clock offset: 0.186 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 2.866 ms

Loss rate: 0.01%

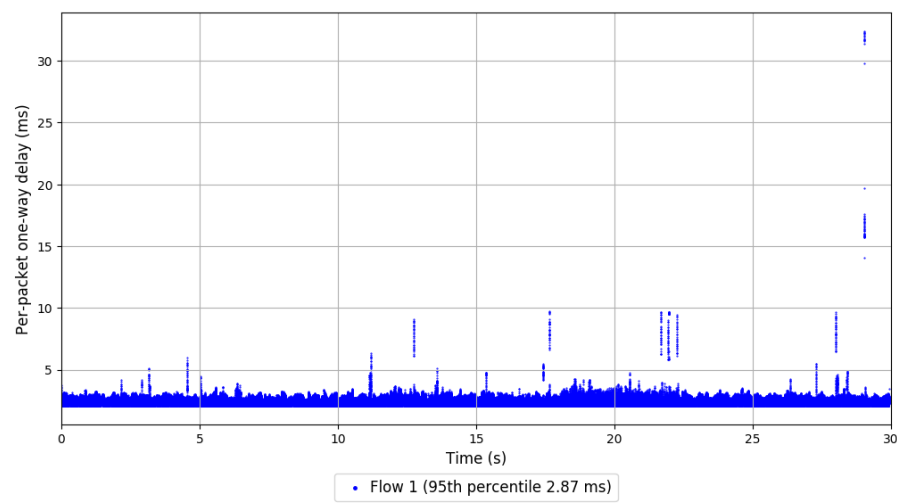
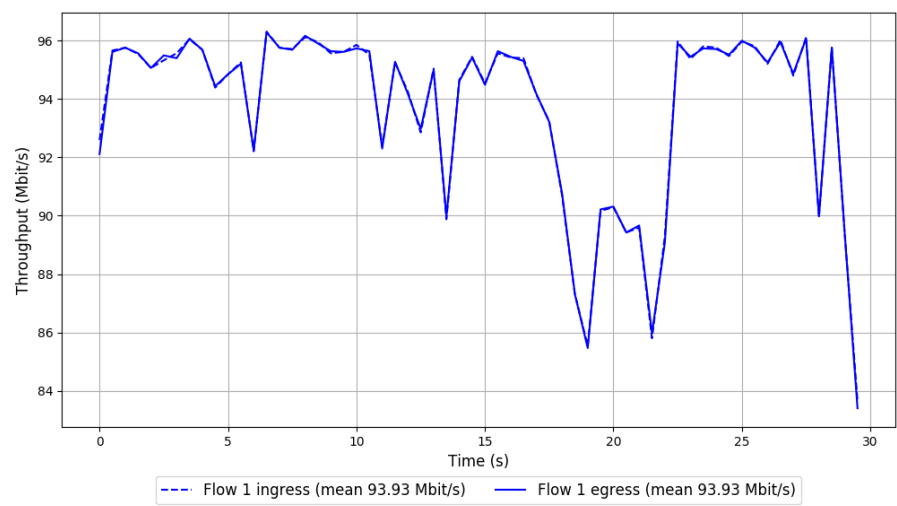
-- Flow 1:

Average throughput: 93.93 Mbit/s

95th percentile per-packet one-way delay: 2.866 ms

Loss rate: 0.01%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 00:44:43 +0000

End at: Tue, 25 Jul 2017 00:45:13 +0000

Local clock offset: -1.774 ms

Remote clock offset: 0.074 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.58 Mbit/s

95th percentile per-packet one-way delay: 2.161 ms

Loss rate: 0.01%

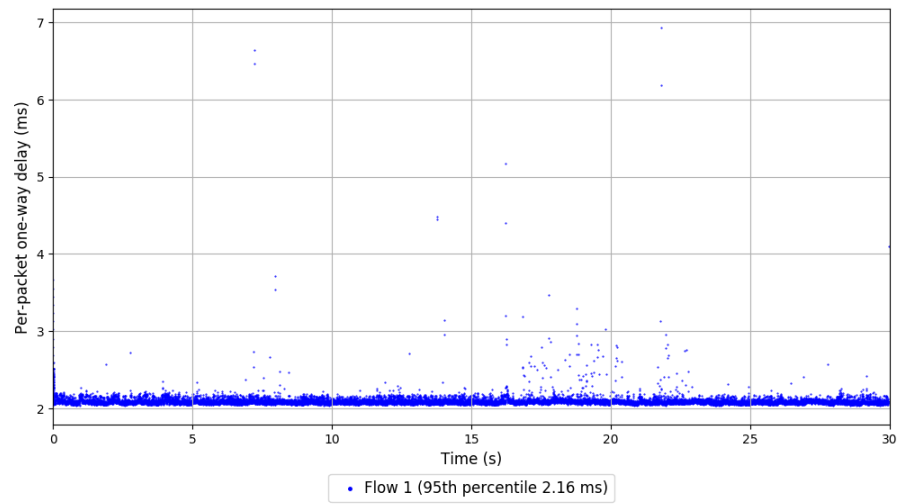
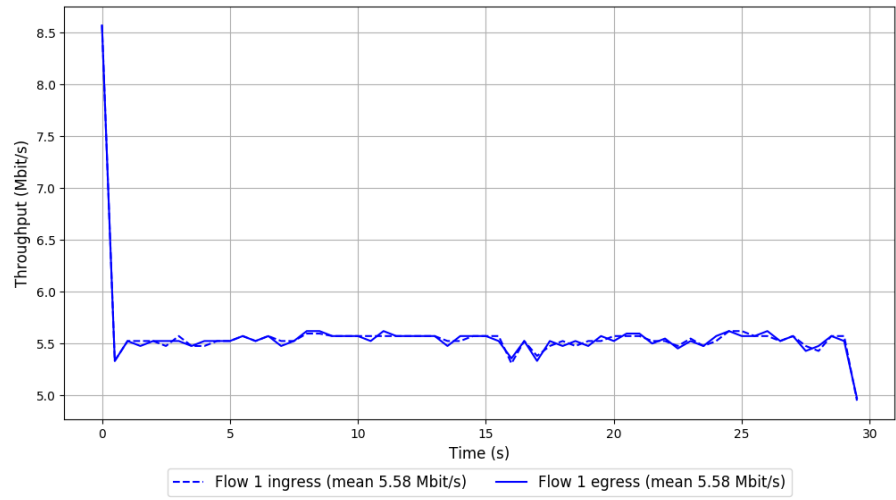
-- Flow 1:

Average throughput: 5.58 Mbit/s

95th percentile per-packet one-way delay: 2.161 ms

Loss rate: 0.01%

## Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

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

End at: Tue, 25 Jul 2017 01:02:07 +0000

Local clock offset: -1.778 ms

Remote clock offset: -0.074 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.61 Mbit/s

95th percentile per-packet one-way delay: 2.219 ms

Loss rate: 0.01%

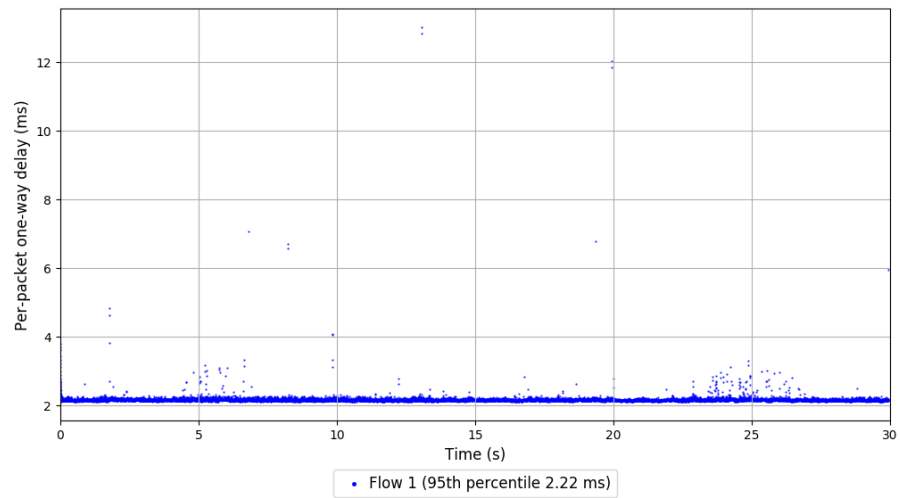
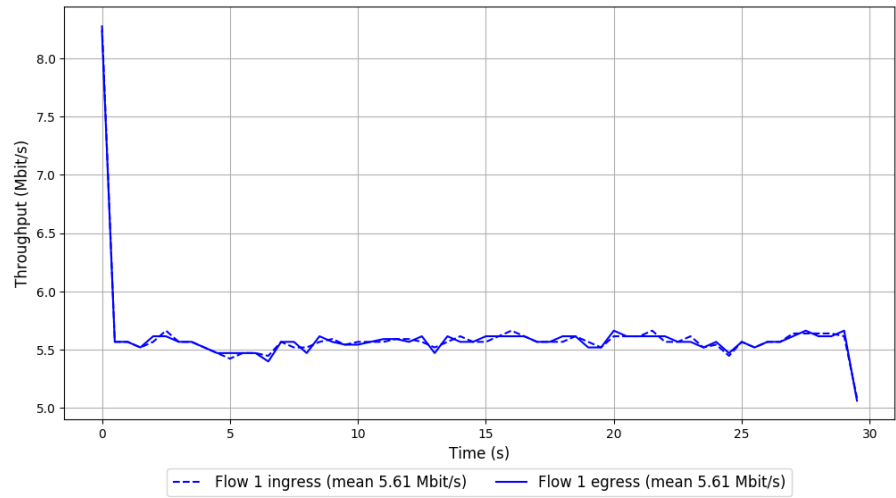
-- Flow 1:

Average throughput: 5.61 Mbit/s

95th percentile per-packet one-way delay: 2.219 ms

Loss rate: 0.01%

## Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Tue, 25 Jul 2017 01:18:32 +0000

End at: Tue, 25 Jul 2017 01:19:02 +0000

Local clock offset: -1.783 ms

Remote clock offset: -0.234 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.58 Mbit/s

95th percentile per-packet one-way delay: 2.296 ms

Loss rate: 0.01%

-- Flow 1:

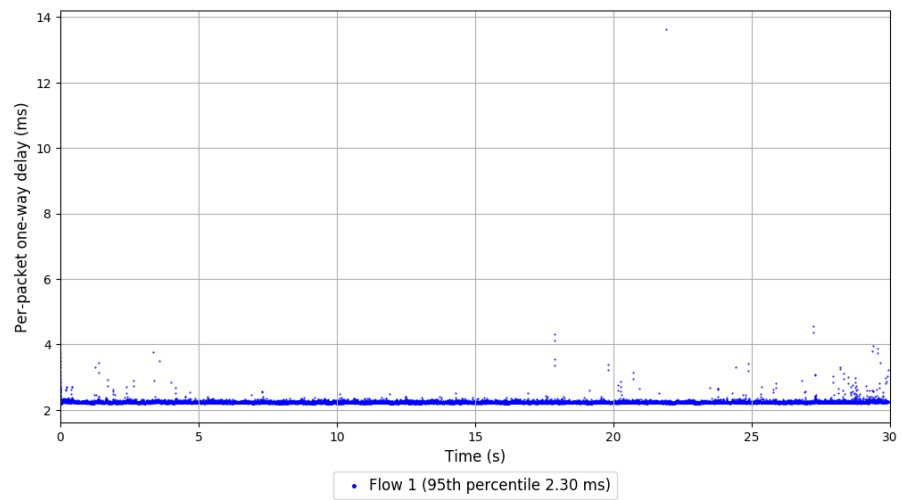
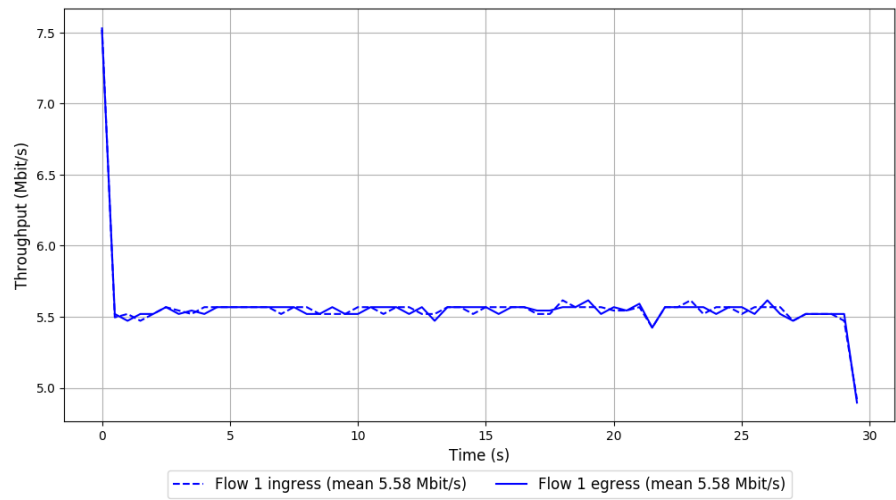
Average throughput: 5.58 Mbit/s

95th percentile per-packet one-way delay: 2.296 ms

Loss rate: 0.01%



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



Run 10: Statistics of KohoCC

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

End at: Tue, 25 Jul 2017 01:36:05 +0000

Local clock offset: -1.911 ms

Remote clock offset: -0.236 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.65 Mbit/s

95th percentile per-packet one-way delay: 2.204 ms

Loss rate: 0.01%

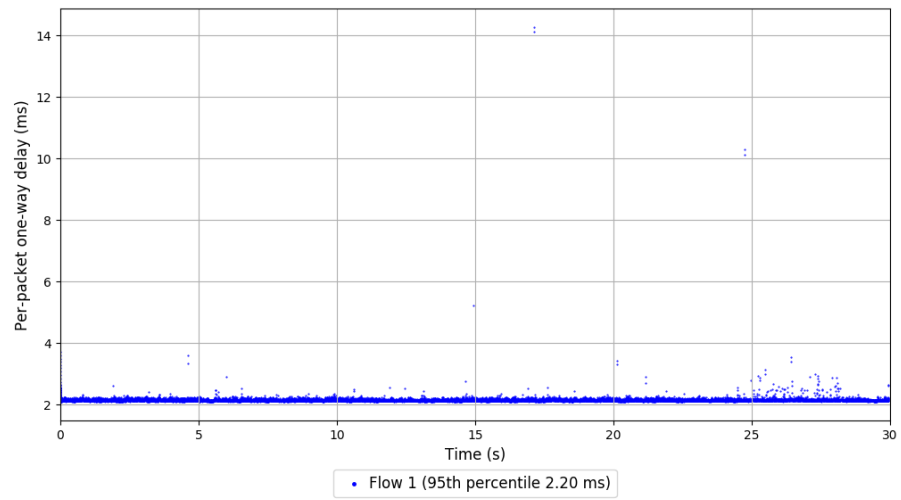
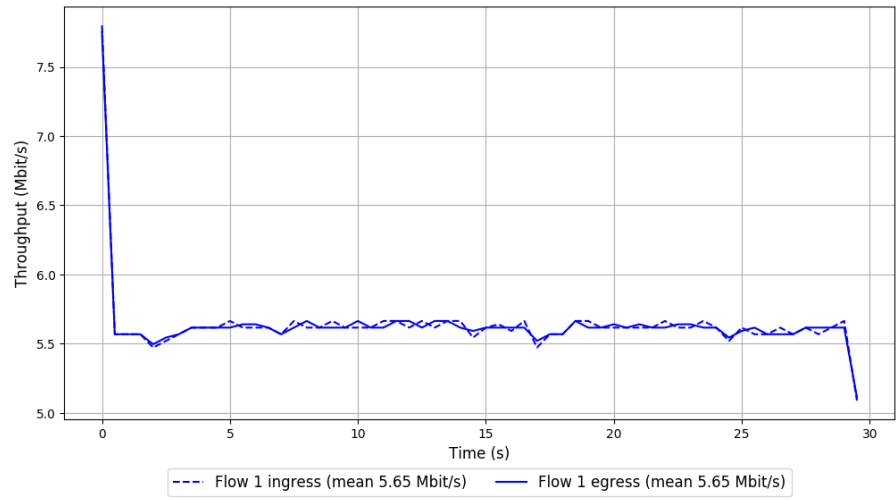
-- Flow 1:

Average throughput: 5.65 Mbit/s

95th percentile per-packet one-way delay: 2.204 ms

Loss rate: 0.01%

# Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 22:58:02 +0000

End at: Mon, 24 Jul 2017 22:58:32 +0000

Local clock offset: -2.106 ms

Remote clock offset: 0.813 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 13.842 ms

Loss rate: 0.05%

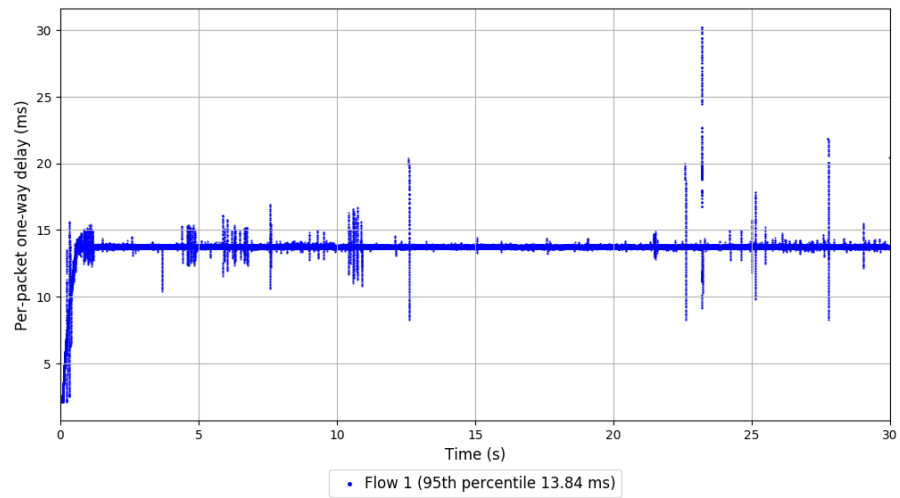
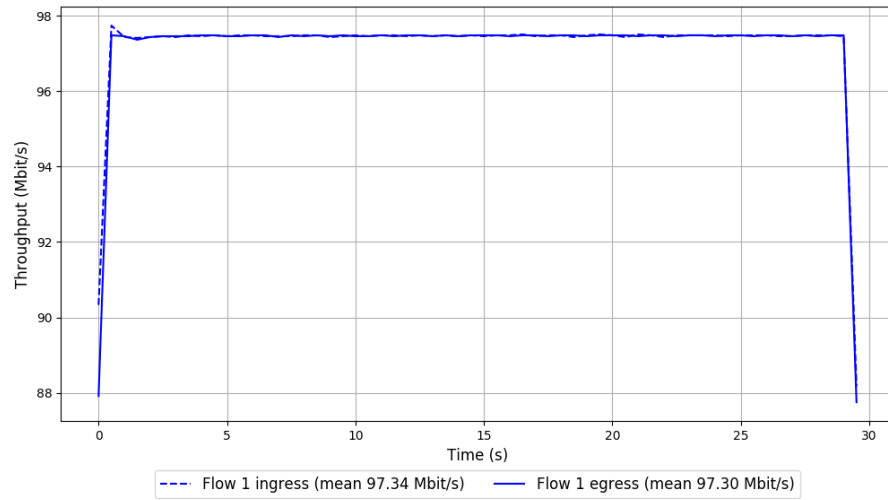
-- Flow 1:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 13.842 ms

Loss rate: 0.05%

# Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:15:04 +0000

End at: Mon, 24 Jul 2017 23:15:34 +0000

Local clock offset: -2.153 ms

Remote clock offset: 0.759 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 13.798 ms

Loss rate: 0.05%

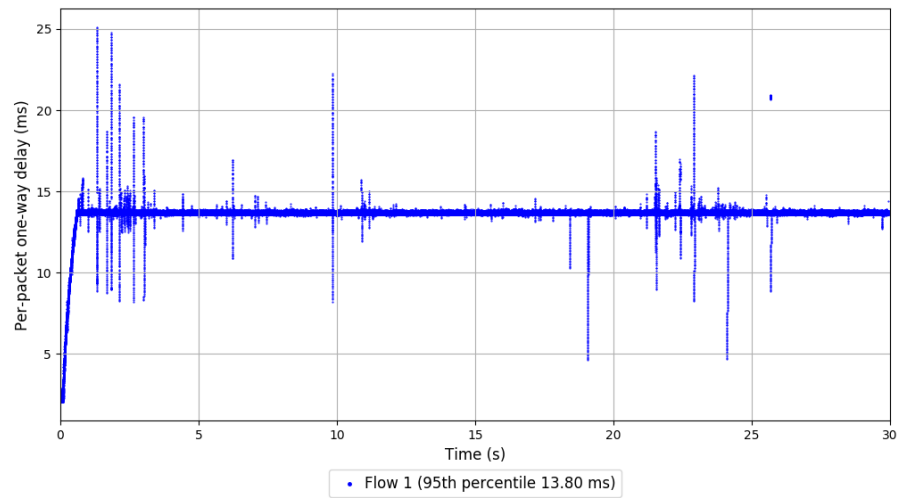
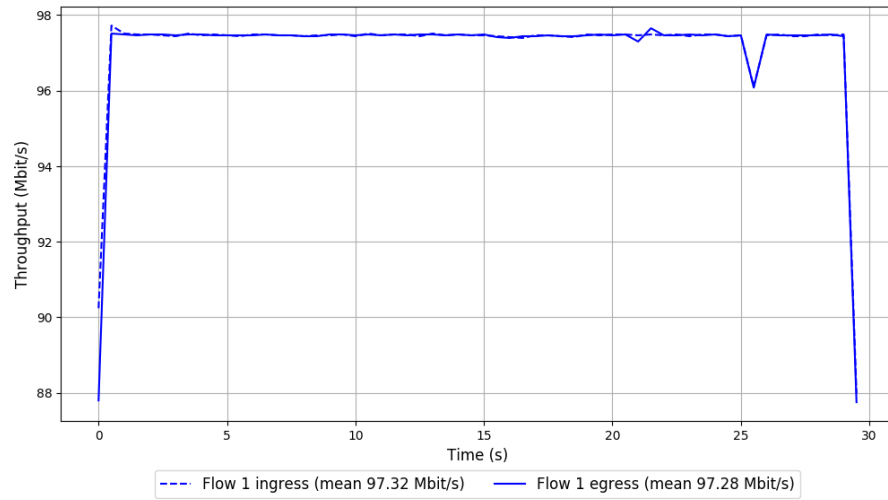
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 13.798 ms

Loss rate: 0.05%

## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:32:06 +0000

End at: Mon, 24 Jul 2017 23:32:36 +0000

Local clock offset: -2.1 ms

Remote clock offset: 0.638 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 13.798 ms

Loss rate: 0.07%

-- Flow 1:

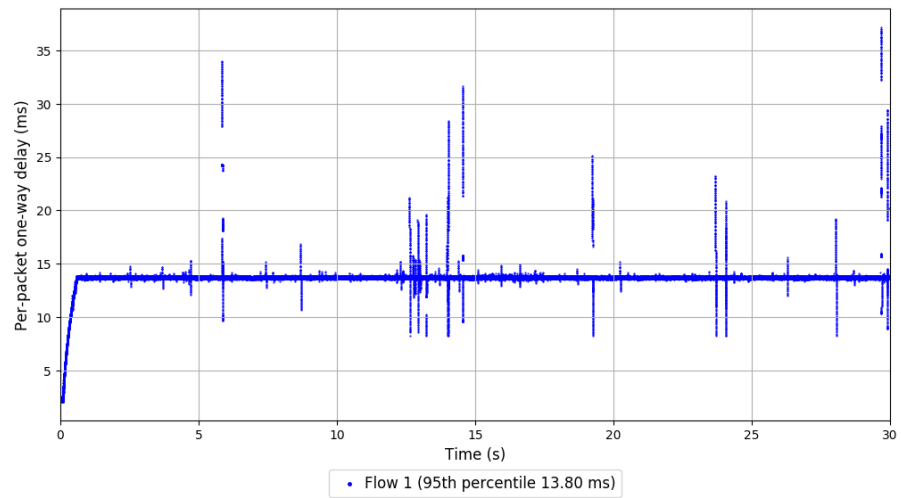
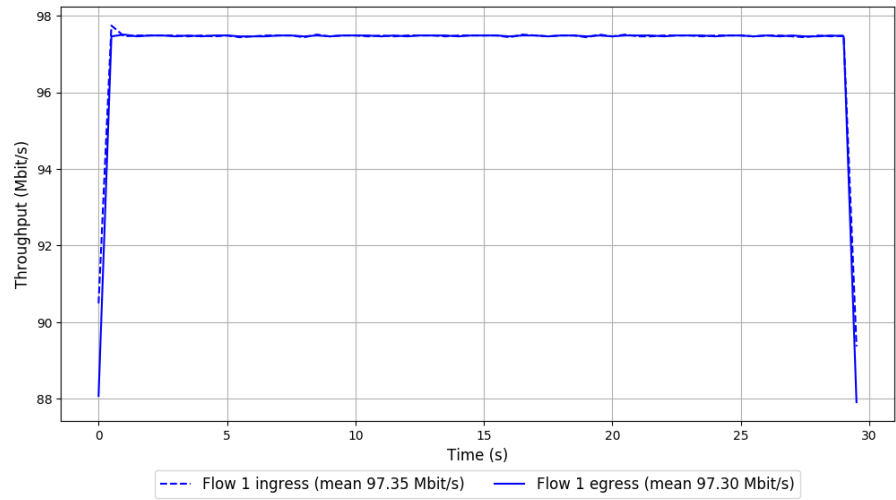
Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 13.798 ms

Loss rate: 0.07%



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



Run 4: Statistics of LEDBAT

Start at: Mon, 24 Jul 2017 23:49:02 +0000

End at: Mon, 24 Jul 2017 23:49:32 +0000

Local clock offset: -1.877 ms

Remote clock offset: 0.504 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:29:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.861 ms

Loss rate: 0.05%

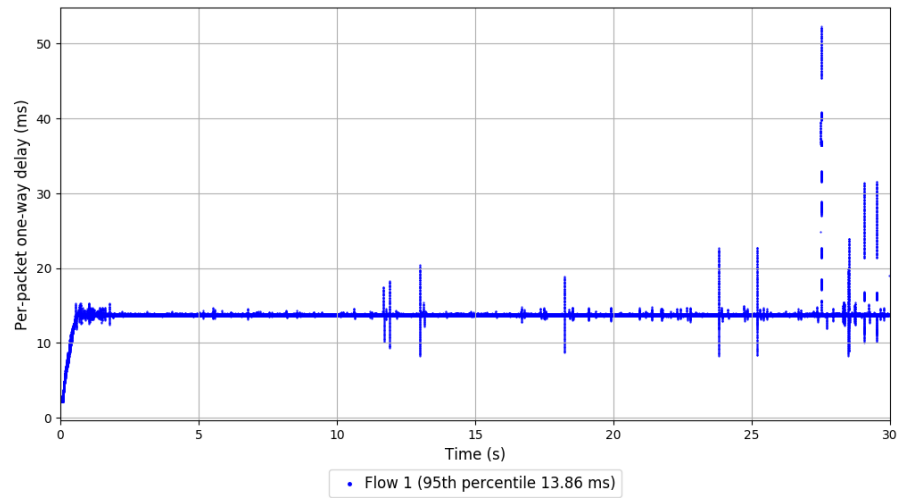
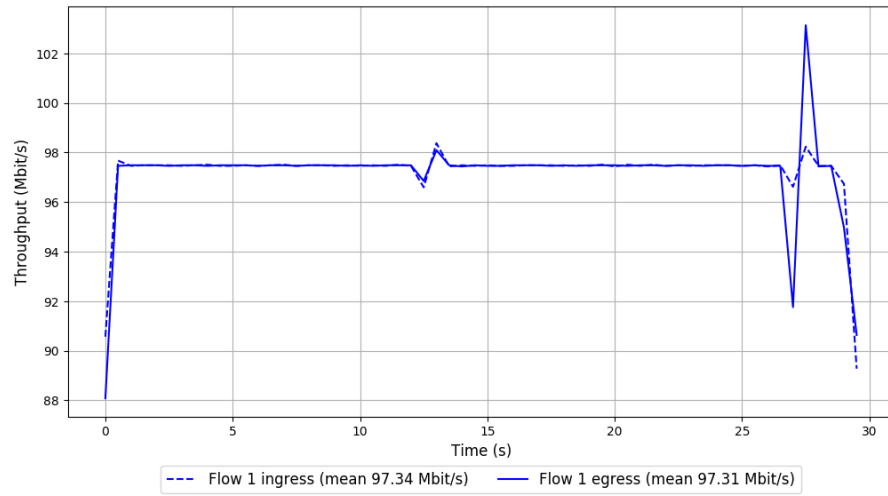
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.861 ms

Loss rate: 0.05%

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



Run 5: Statistics of LEDBAT

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

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

Local clock offset: -1.865 ms

Remote clock offset: 0.367 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.819 ms

Loss rate: 0.05%

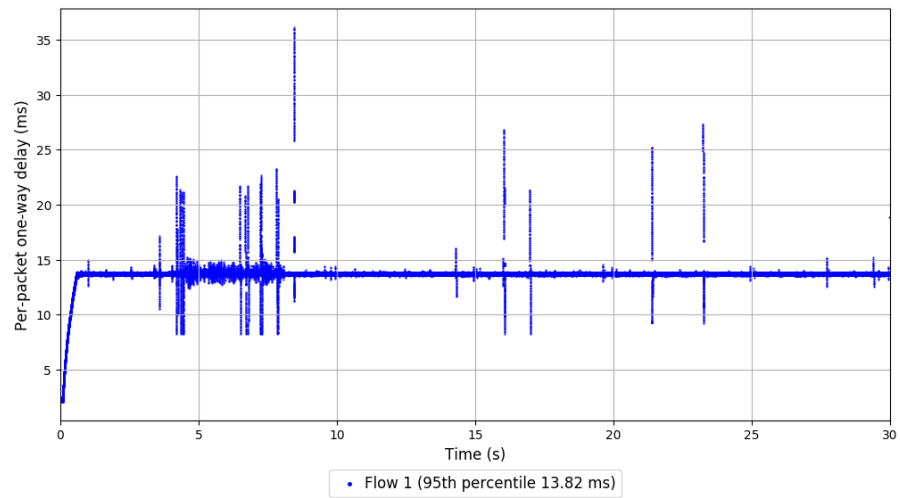
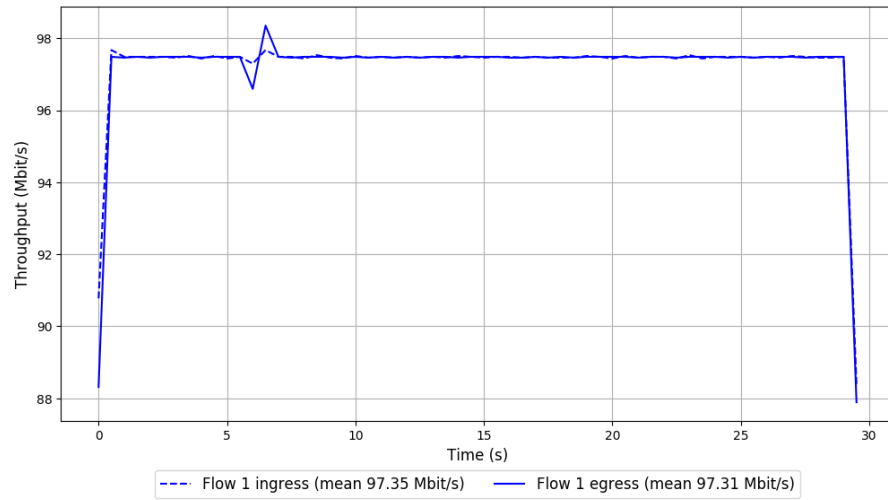
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.819 ms

Loss rate: 0.05%

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



Run 6: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:22:57 +0000

End at: Tue, 25 Jul 2017 00:23:27 +0000

Local clock offset: -1.82 ms

Remote clock offset: 0.131 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 13.944 ms

Loss rate: 0.05%

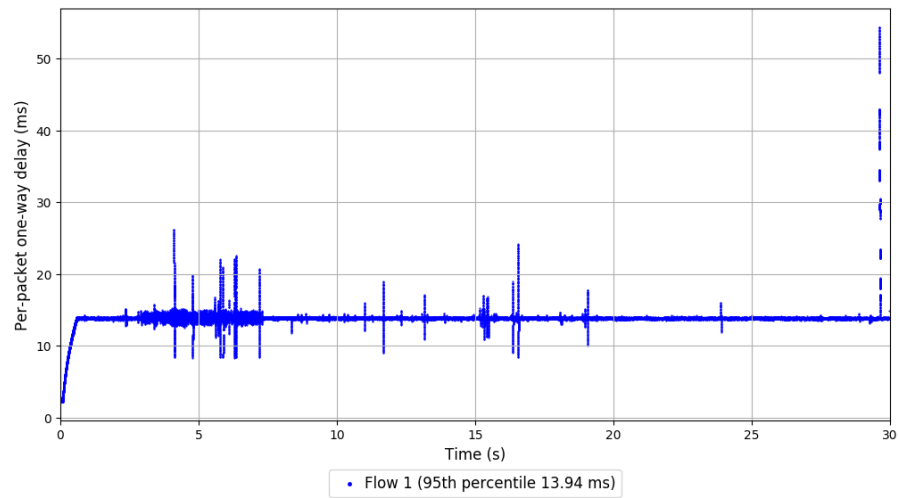
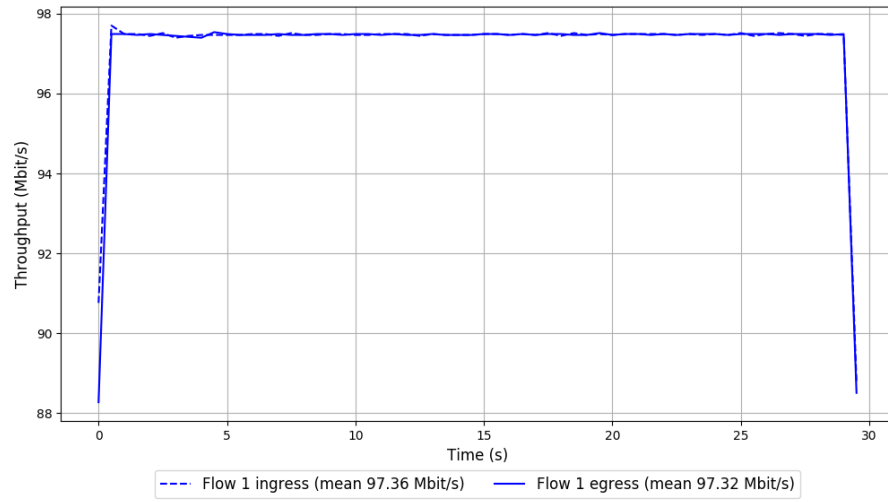
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 13.944 ms

Loss rate: 0.05%

## Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

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

End at: Tue, 25 Jul 2017 00:40:30 +0000

Local clock offset: -1.763 ms

Remote clock offset: 0.026 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 13.942 ms

Loss rate: 0.05%

-- Flow 1:

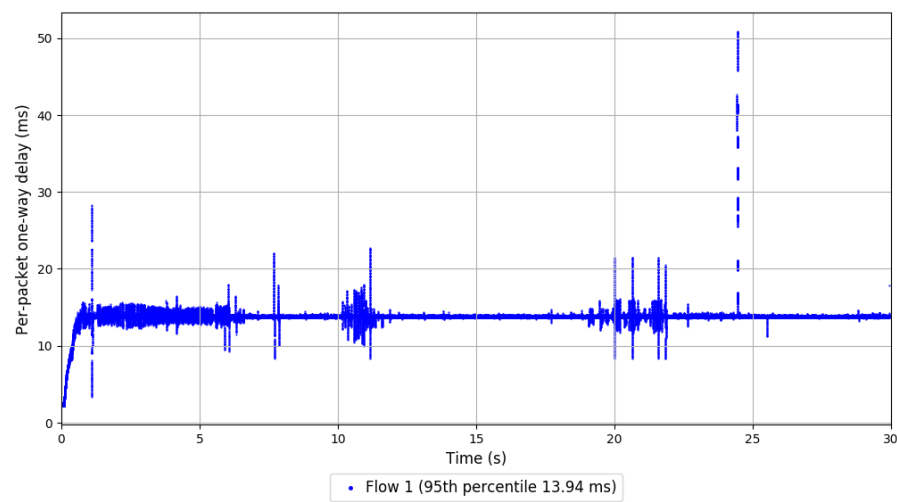
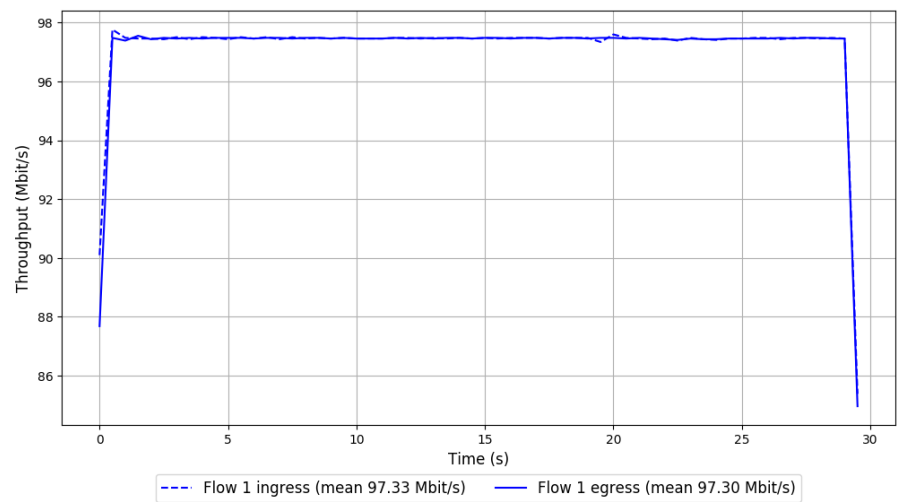
Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 13.942 ms

Loss rate: 0.05%



Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 00:56:54 +0000

End at: Tue, 25 Jul 2017 00:57:24 +0000

Local clock offset: -1.751 ms

Remote clock offset: 0.003 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.854 ms

Loss rate: 0.05%

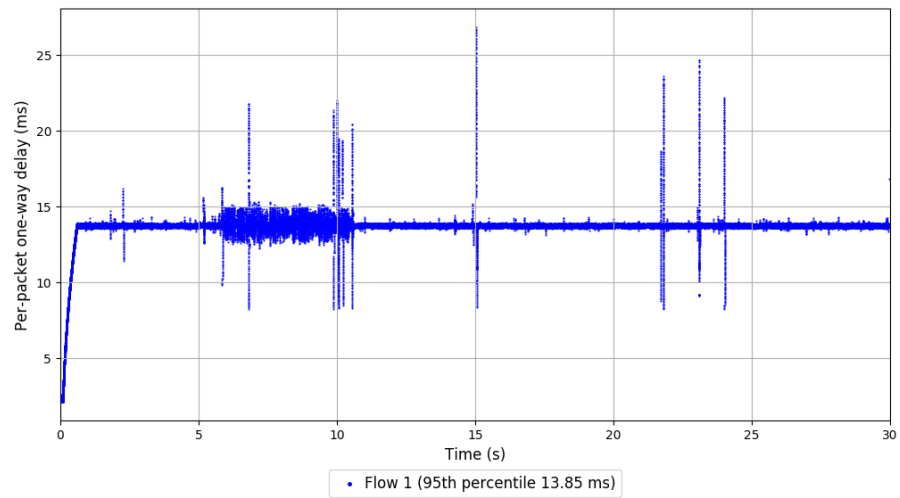
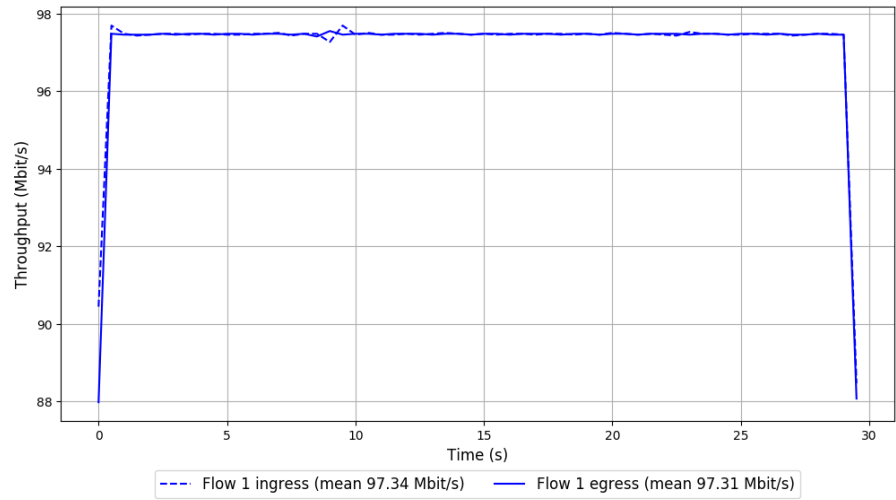
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.854 ms

Loss rate: 0.05%

# Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:13:48 +0000

End at: Tue, 25 Jul 2017 01:14:18 +0000

Local clock offset: -1.869 ms

Remote clock offset: -0.18 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 13.814 ms

Loss rate: 0.05%

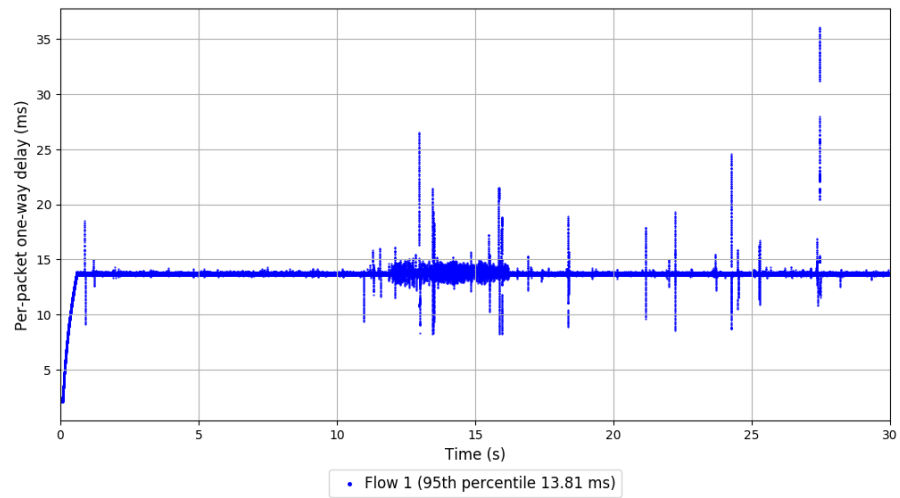
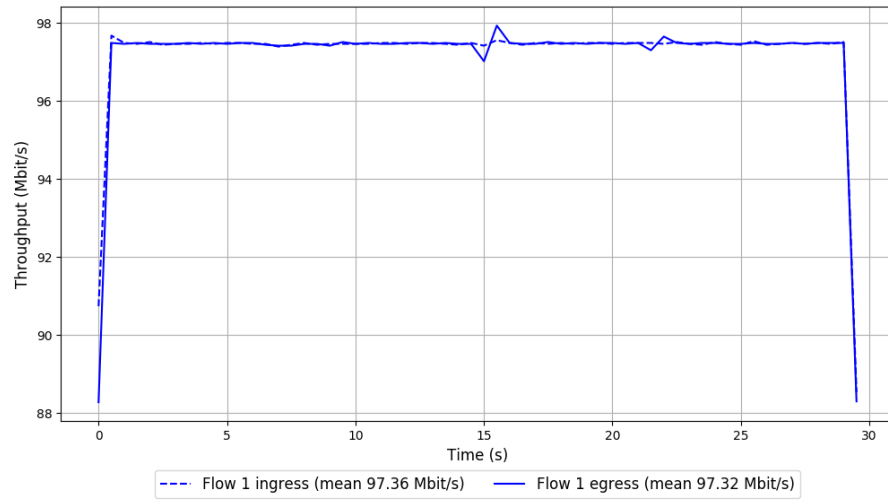
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 13.814 ms

Loss rate: 0.05%

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



Run 10: Statistics of LEDBAT

Start at: Tue, 25 Jul 2017 01:30:51 +0000

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

Local clock offset: -1.87 ms

Remote clock offset: -0.223 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:15 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.882 ms

Loss rate: 0.05%

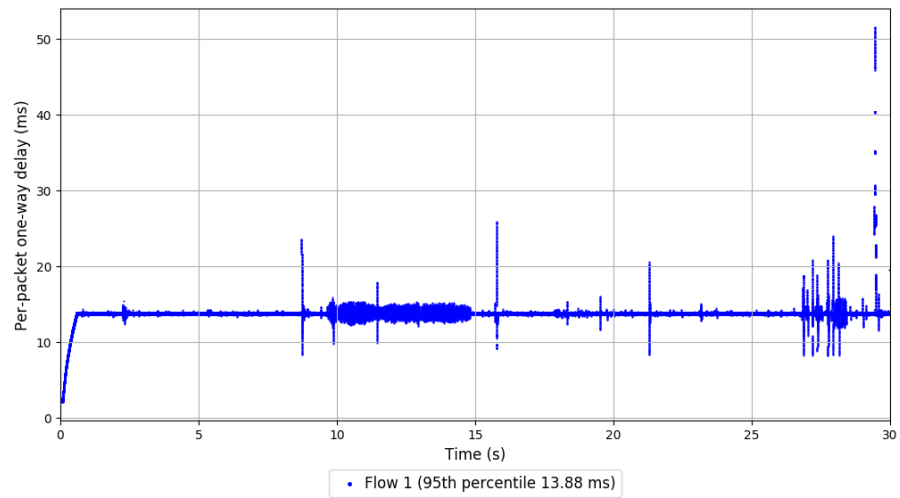
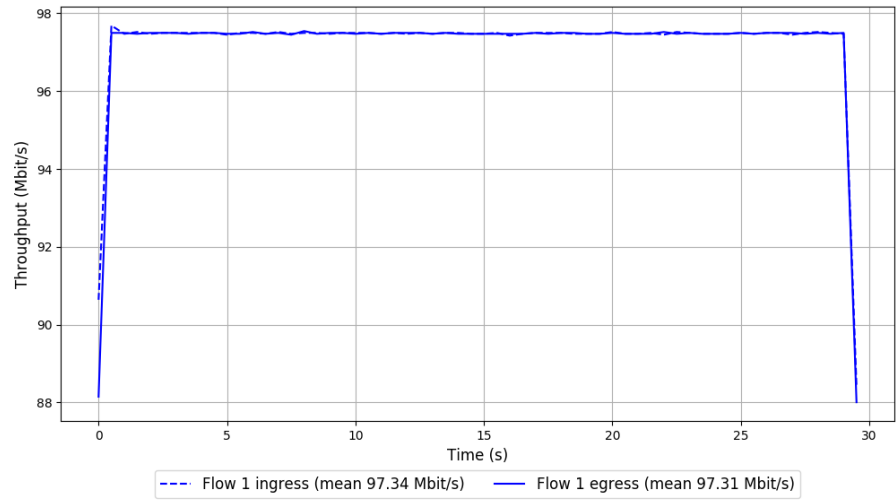
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 13.882 ms

Loss rate: 0.05%

# Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:03:56 +0000

End at: Mon, 24 Jul 2017 23:04:27 +0000

Local clock offset: -2.257 ms

Remote clock offset: 0.632 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.11 Mbit/s

95th percentile per-packet one-way delay: 3.086 ms

Loss rate: 0.02%

-- Flow 1:

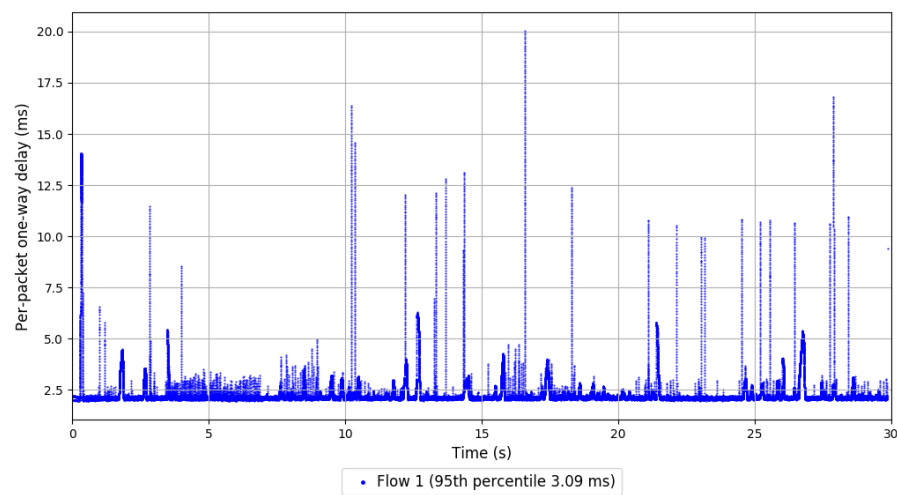
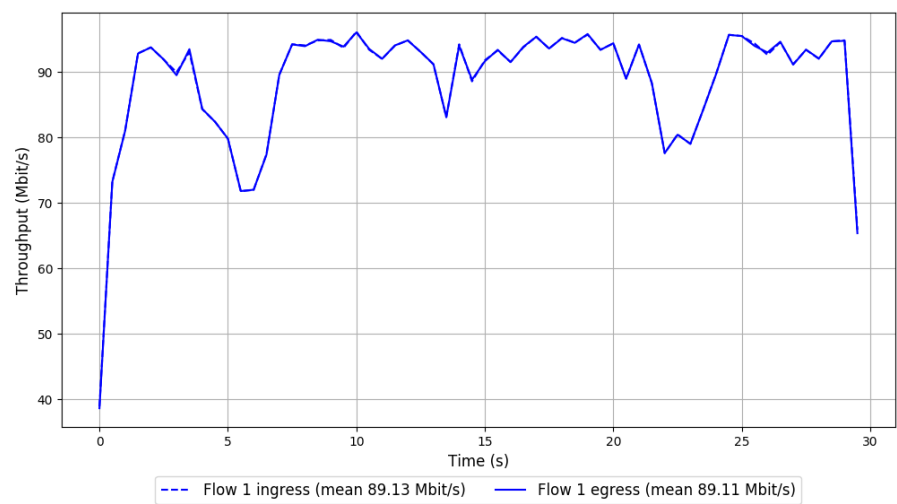
Average throughput: 89.11 Mbit/s

95th percentile per-packet one-way delay: 3.086 ms

Loss rate: 0.02%



Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

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

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

Local clock offset: -2.162 ms

Remote clock offset: 0.731 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.49 Mbit/s

95th percentile per-packet one-way delay: 3.165 ms

Loss rate: 0.03%

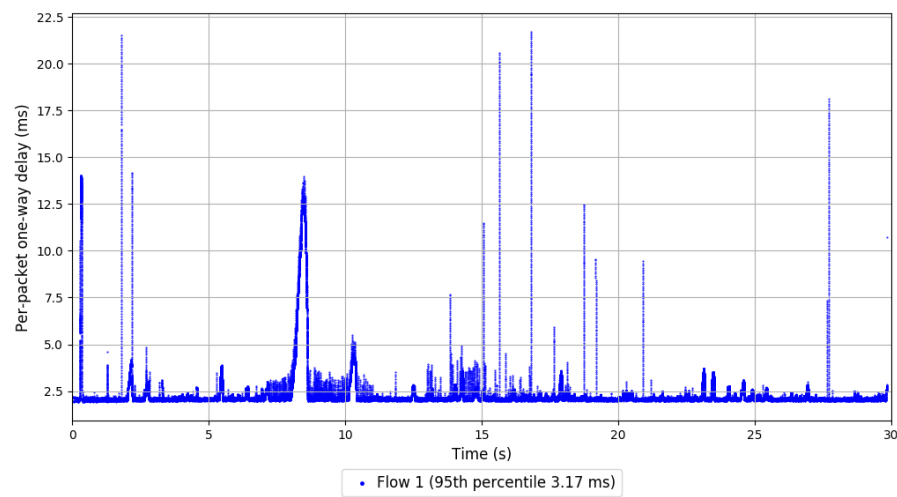
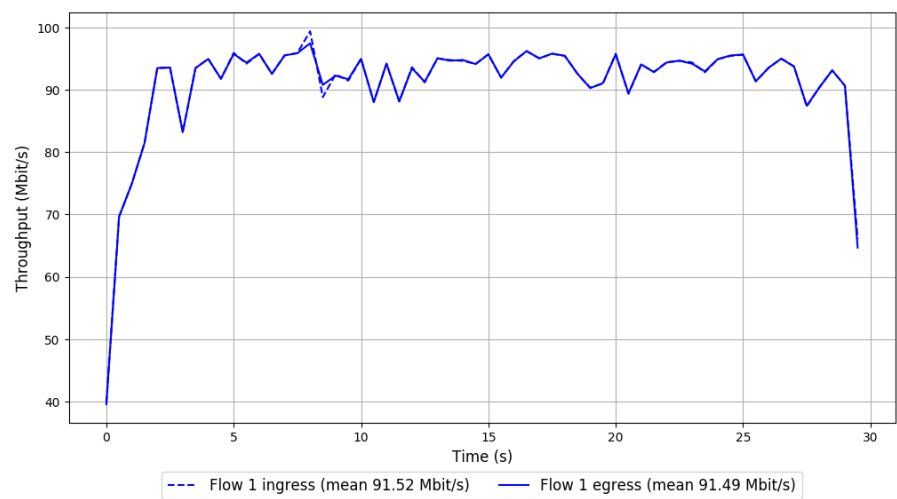
-- Flow 1:

Average throughput: 91.49 Mbit/s

95th percentile per-packet one-way delay: 3.165 ms

Loss rate: 0.03%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:37:55 +0000

End at: Mon, 24 Jul 2017 23:38:25 +0000

Local clock offset: -2.069 ms

Remote clock offset: 0.611 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 4.692 ms

Loss rate: 0.01%

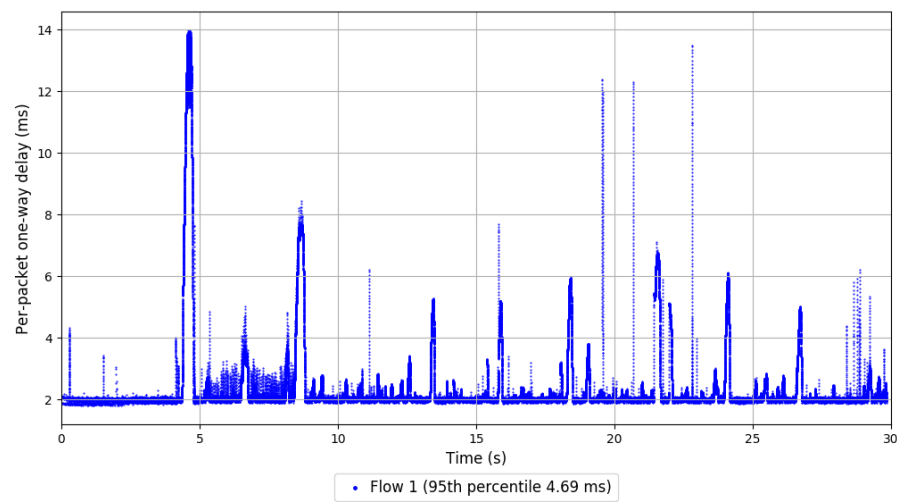
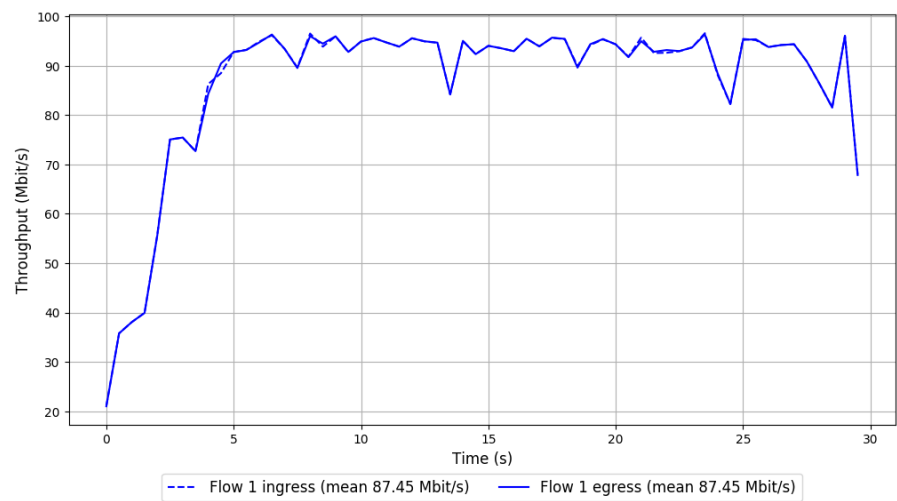
-- Flow 1:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 4.692 ms

Loss rate: 0.01%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Mon, 24 Jul 2017 23:54:49 +0000

End at: Mon, 24 Jul 2017 23:55:19 +0000

Local clock offset: -1.917 ms

Remote clock offset: 0.379 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.88 Mbit/s

95th percentile per-packet one-way delay: 3.078 ms

Loss rate: 0.03%

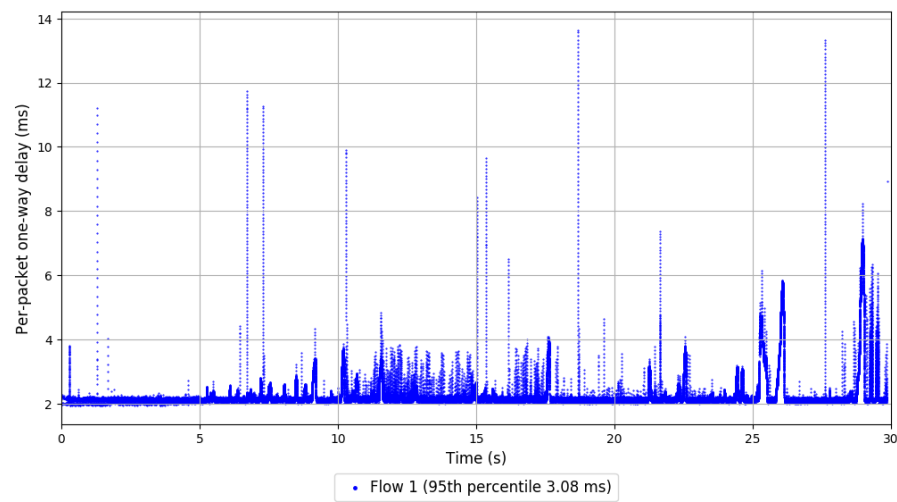
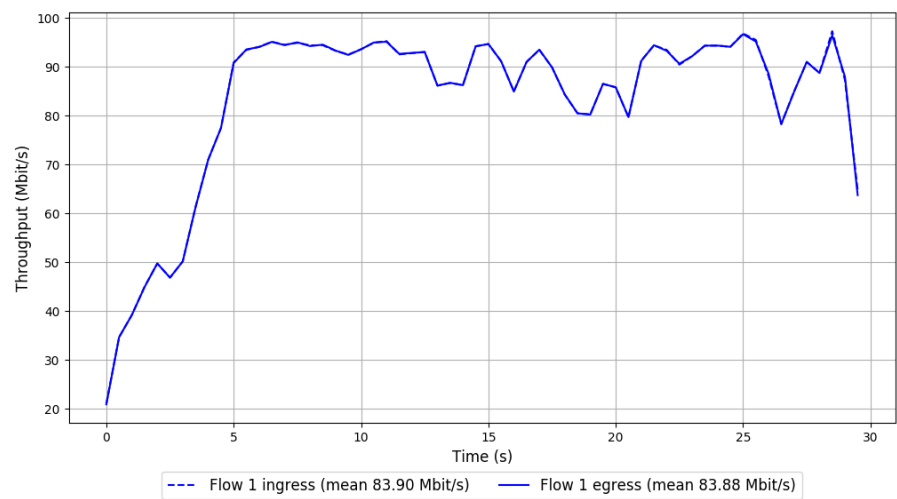
-- Flow 1:

Average throughput: 83.88 Mbit/s

95th percentile per-packet one-way delay: 3.078 ms

Loss rate: 0.03%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:11:50 +0000

End at: Tue, 25 Jul 2017 00:12:20 +0000

Local clock offset: -1.859 ms

Remote clock offset: 0.241 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 3.173 ms

Loss rate: 0.02%

-- Flow 1:

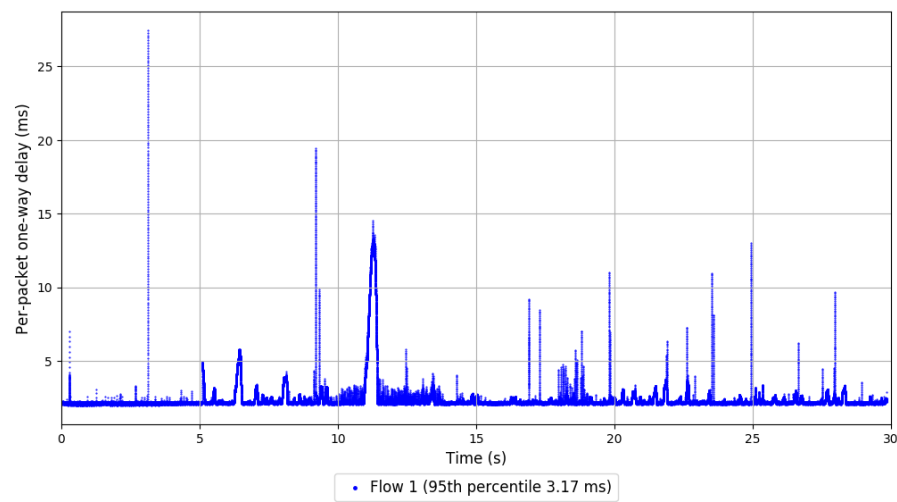
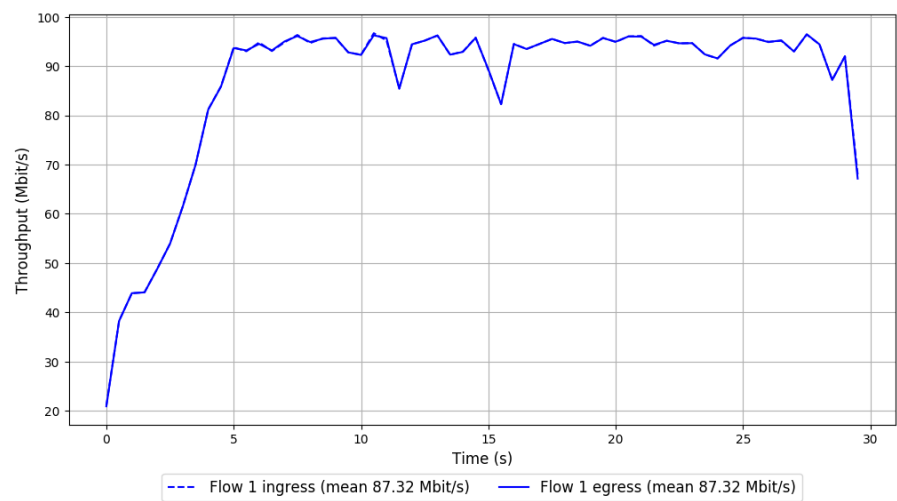
Average throughput: 87.32 Mbit/s

95th percentile per-packet one-way delay: 3.173 ms

Loss rate: 0.02%



Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:28:53 +0000

End at: Tue, 25 Jul 2017 00:29:23 +0000

Local clock offset: -1.802 ms

Remote clock offset: 0.185 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 2.860 ms

Loss rate: 0.04%

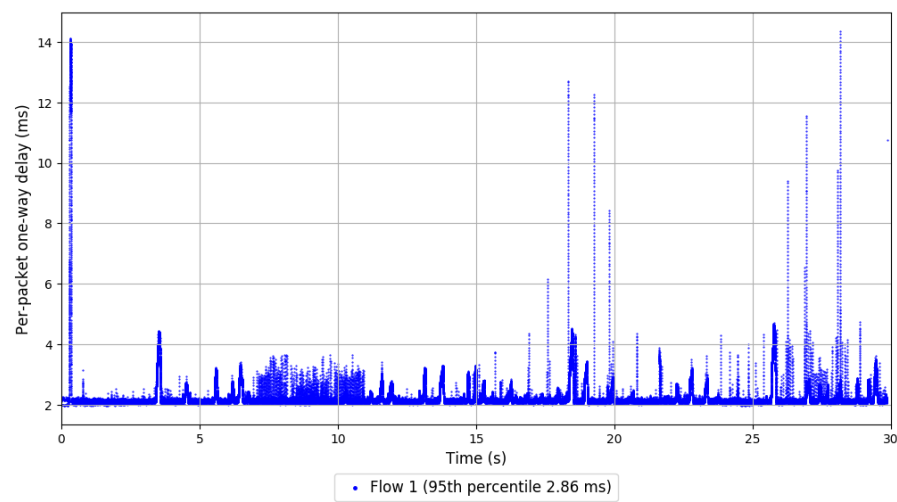
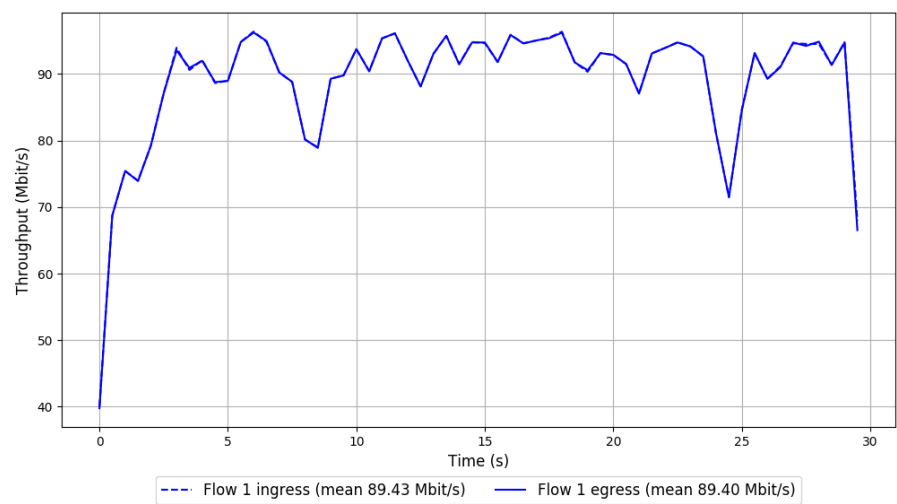
-- Flow 1:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 2.860 ms

Loss rate: 0.04%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 25 Jul 2017 00:45:47 +0000

End at: Tue, 25 Jul 2017 00:46:17 +0000

Local clock offset: -1.723 ms

Remote clock offset: 0.075 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:30:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 12.110 ms

Loss rate: 0.01%

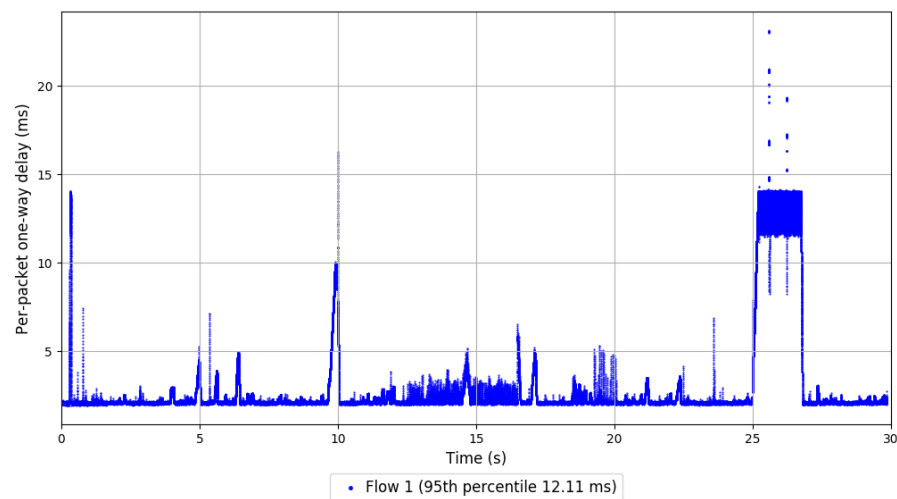
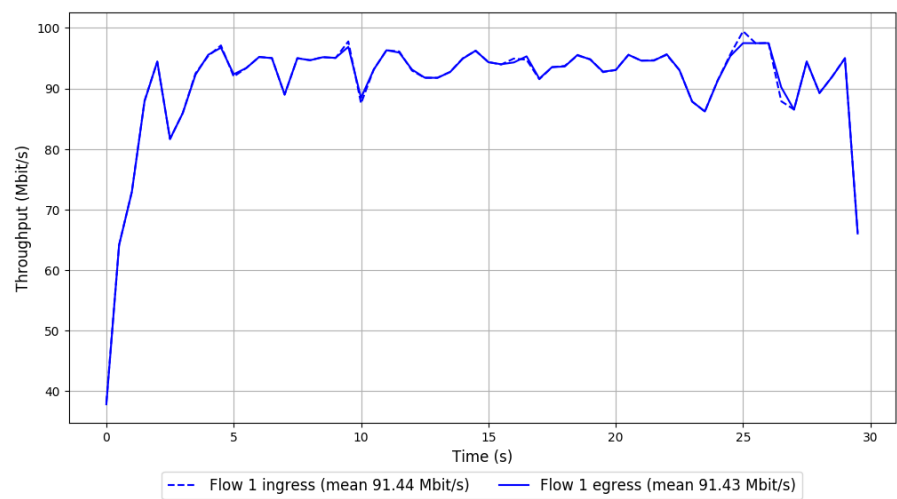
-- Flow 1:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 12.110 ms

Loss rate: 0.01%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:02:41 +0000

End at: Tue, 25 Jul 2017 01:03:11 +0000

Local clock offset: -1.783 ms

Remote clock offset: -0.15 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:31:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: 3.188 ms

Loss rate: 0.02%

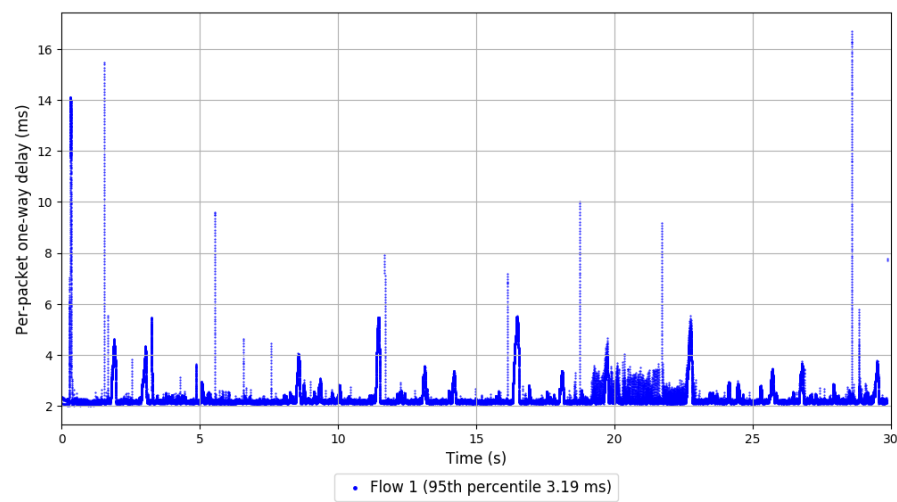
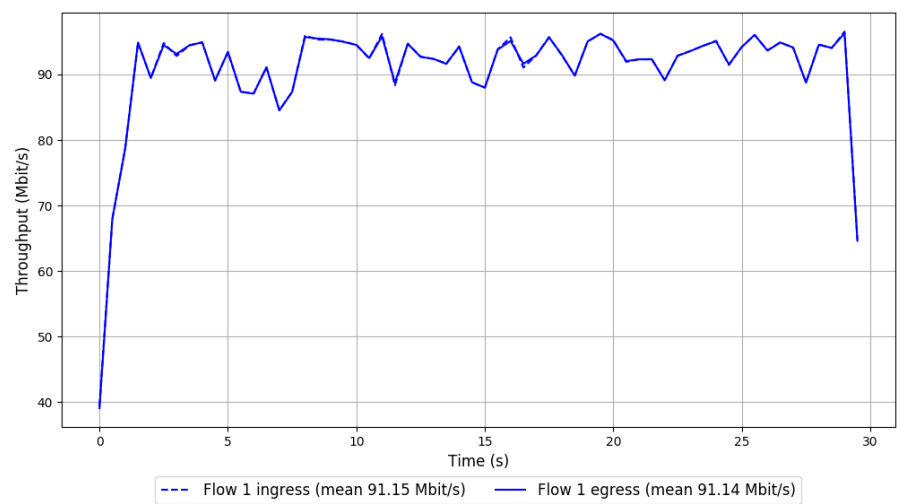
-- Flow 1:

Average throughput: 91.14 Mbit/s

95th percentile per-packet one-way delay: 3.188 ms

Loss rate: 0.02%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:19:36 +0000

End at: Tue, 25 Jul 2017 01:20:06 +0000

Local clock offset: -1.808 ms

Remote clock offset: -0.18 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.62 Mbit/s

95th percentile per-packet one-way delay: 3.457 ms

Loss rate: 0.01%

-- Flow 1:

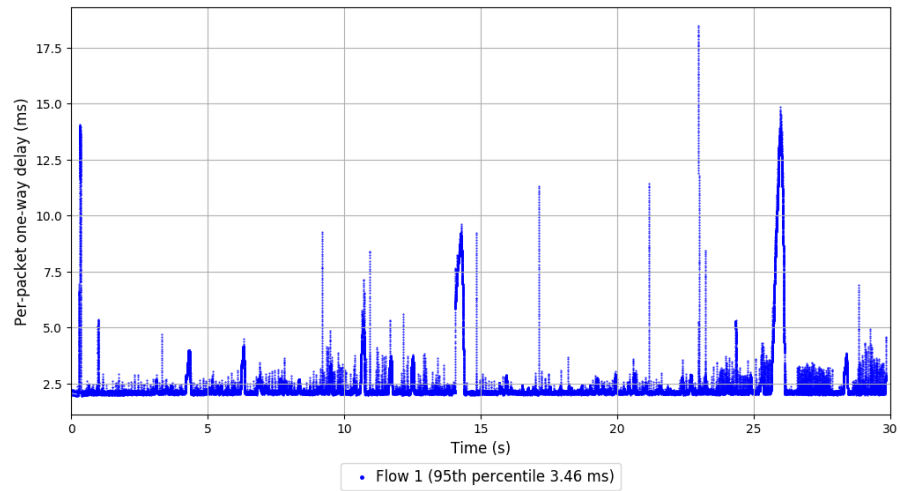
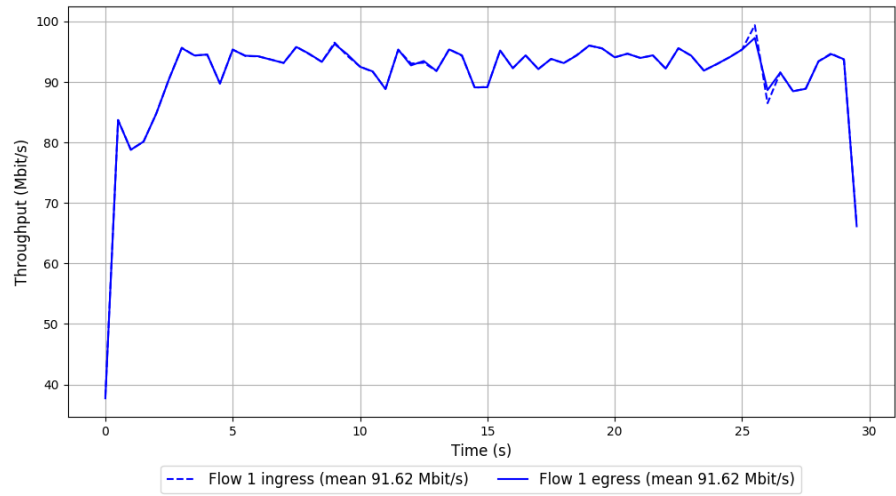
Average throughput: 91.62 Mbit/s

95th percentile per-packet one-way delay: 3.457 ms

Loss rate: 0.01%



### Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Tue, 25 Jul 2017 01:36:39 +0000

End at: Tue, 25 Jul 2017 01:37:09 +0000

Local clock offset: -1.909 ms

Remote clock offset: -0.249 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 2.689 ms

Loss rate: 0.02%

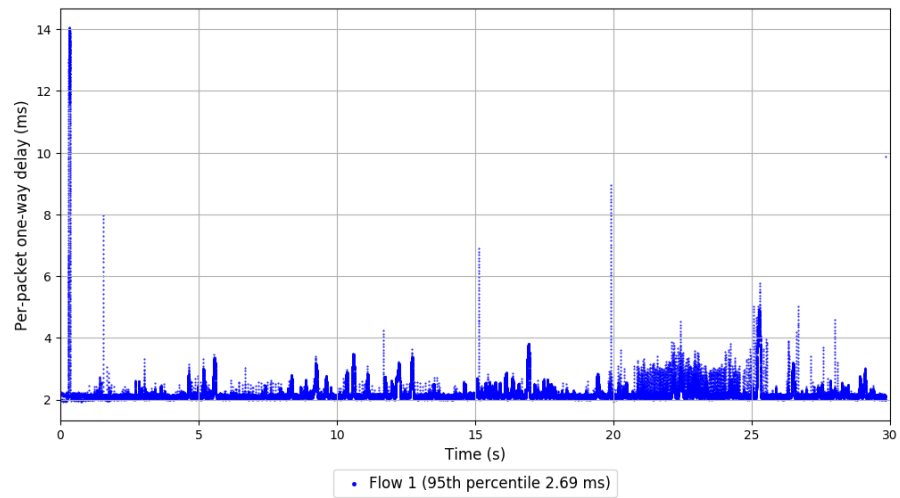
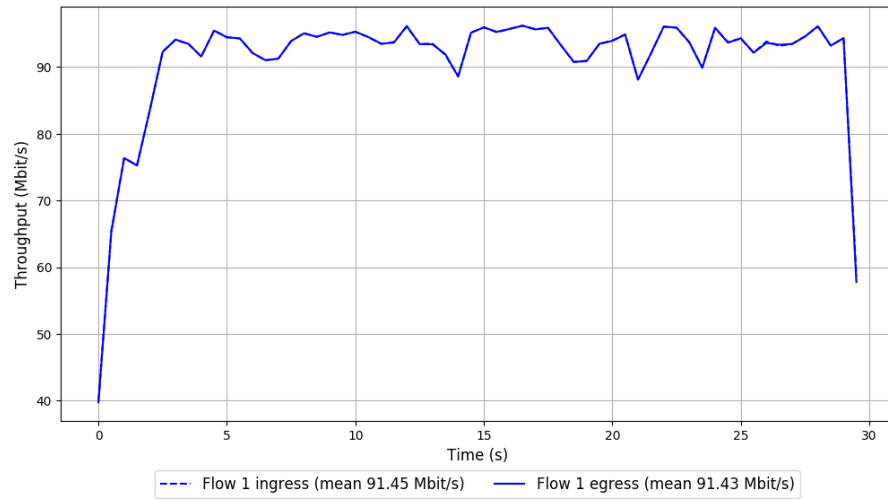
-- Flow 1:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 2.689 ms

Loss rate: 0.02%

# Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

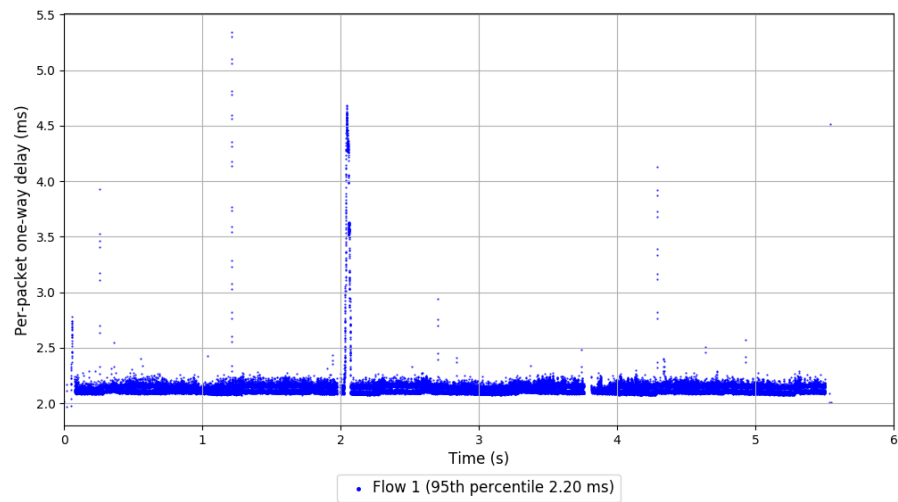
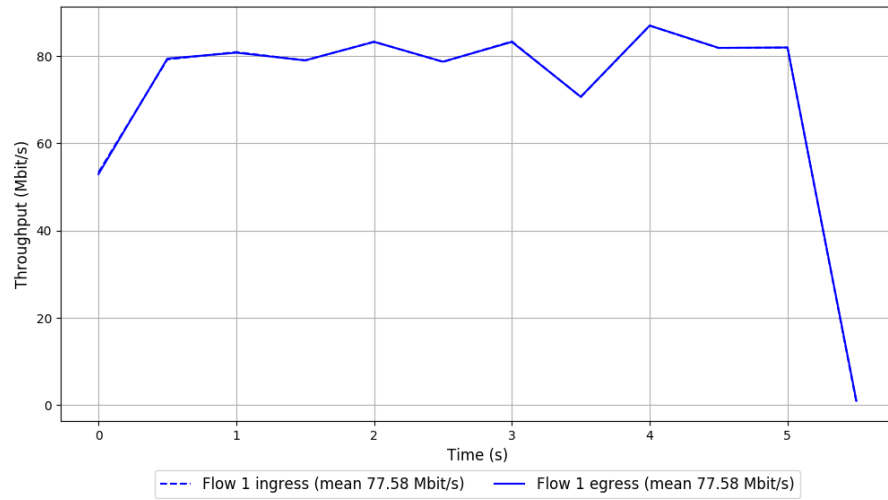
Start at: Mon, 24 Jul 2017 22:51:19 +0000

End at: Mon, 24 Jul 2017 22:51:49 +0000

Local clock offset: -2.166 ms

Remote clock offset: 0.654 ms

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



Run 2: Statistics of QUIC Cubic

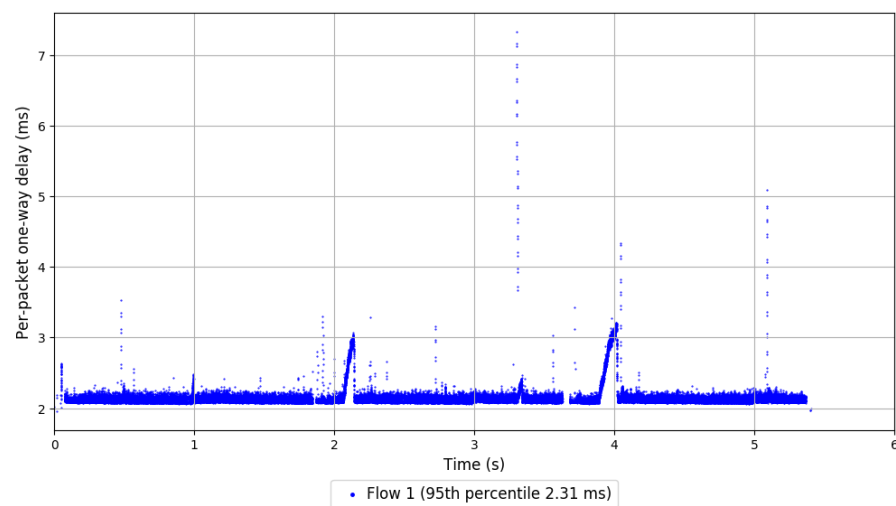
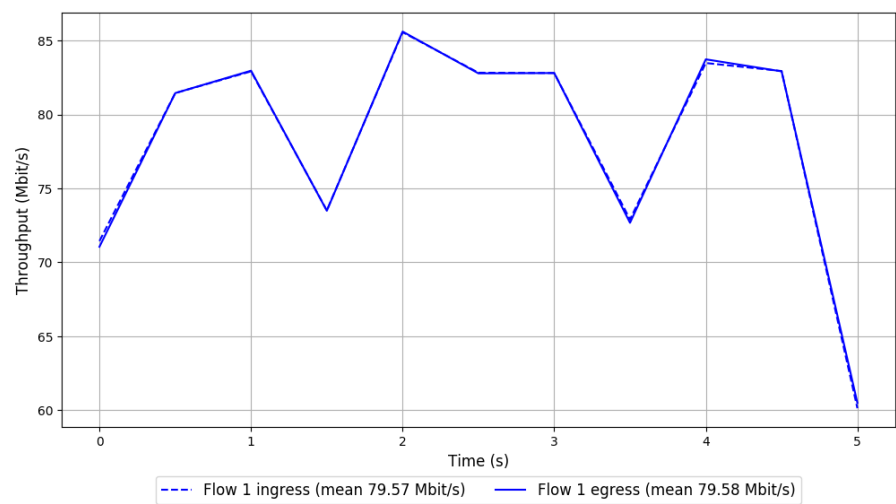
Start at: Mon, 24 Jul 2017 23:08:28 +0000

End at: Mon, 24 Jul 2017 23:08:58 +0000

Local clock offset: -2.187 ms

Remote clock offset: 0.705 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

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

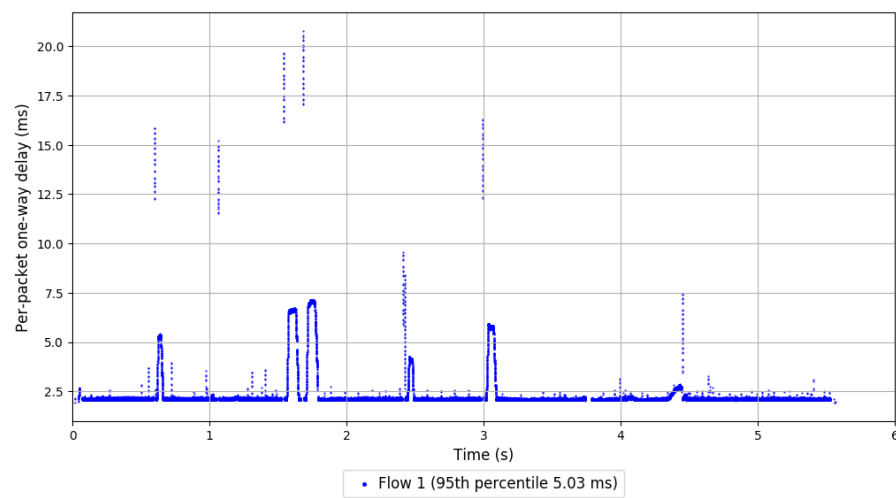
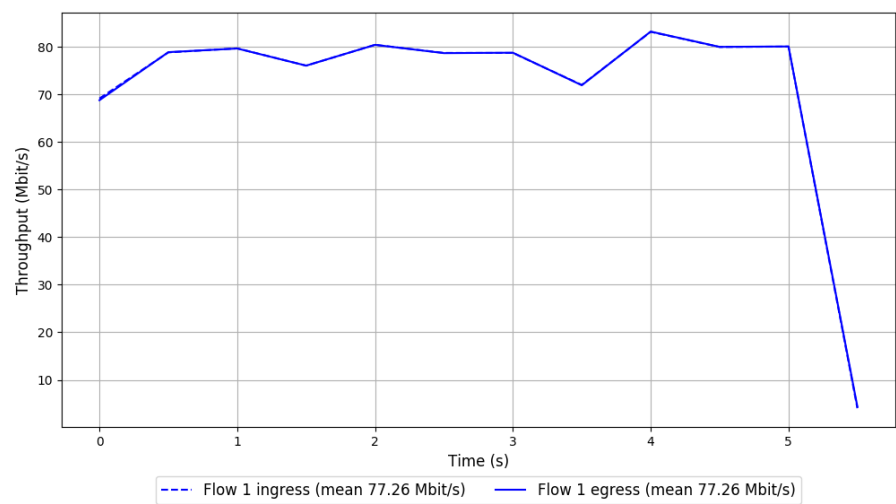
End at: Mon, 24 Jul 2017 23:25:54 +0000

Local clock offset: -2.158 ms

Remote clock offset: 0.641 ms



Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

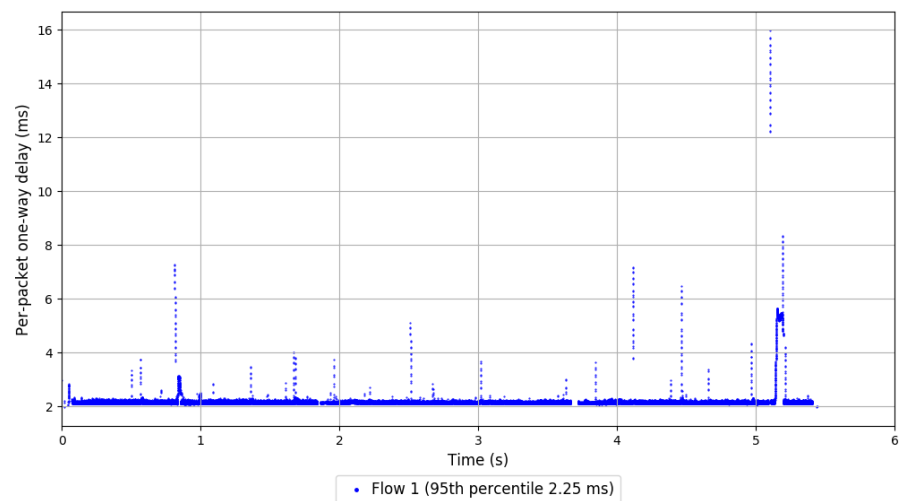
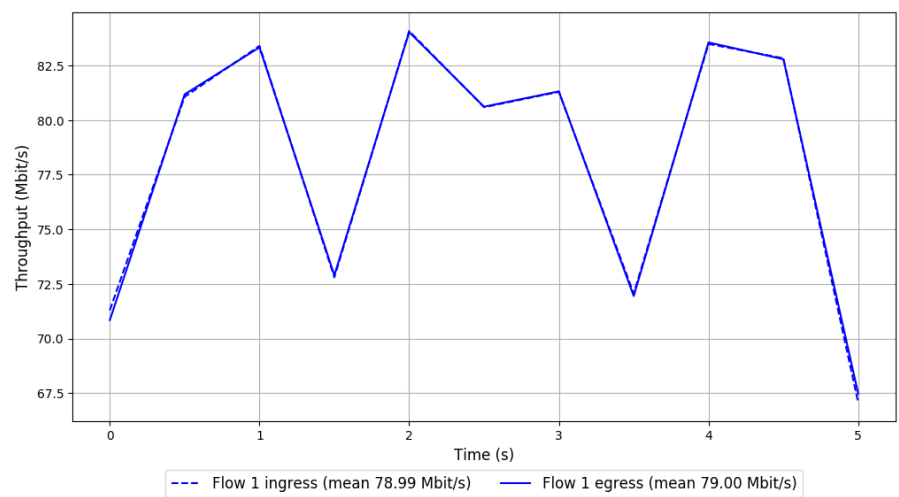
Start at: Mon, 24 Jul 2017 23:42:26 +0000

End at: Mon, 24 Jul 2017 23:42:56 +0000

Local clock offset: -2.007 ms

Remote clock offset: 0.507 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

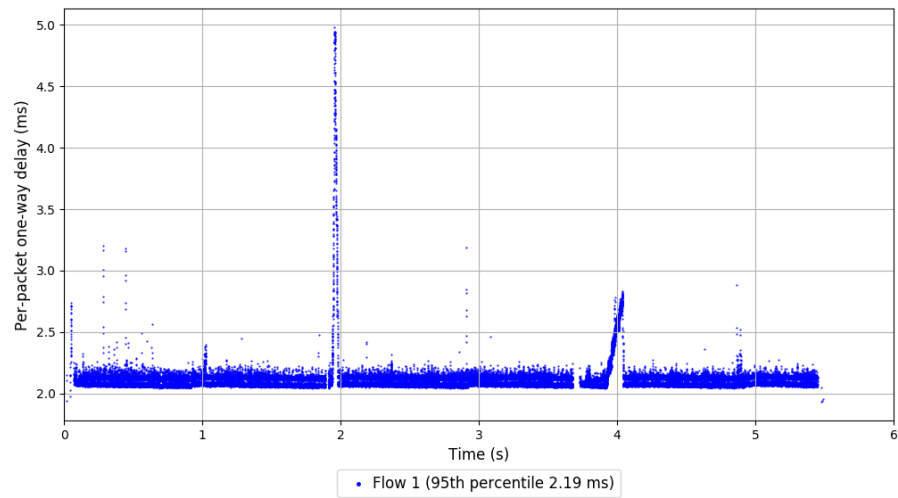
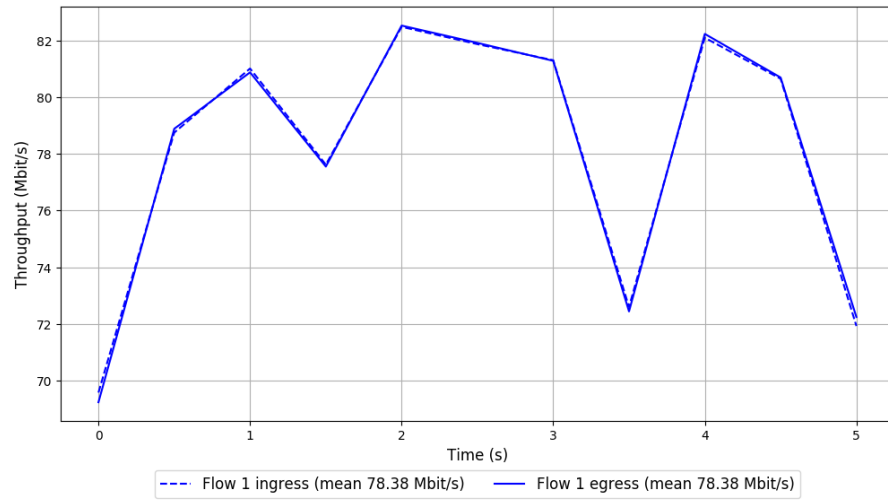
Start at: Mon, 24 Jul 2017 23:59:20 +0000

End at: Mon, 24 Jul 2017 23:59:50 +0000

Local clock offset: -1.893 ms

Remote clock offset: 0.41 ms

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



Run 6: Statistics of QUIC Cubic

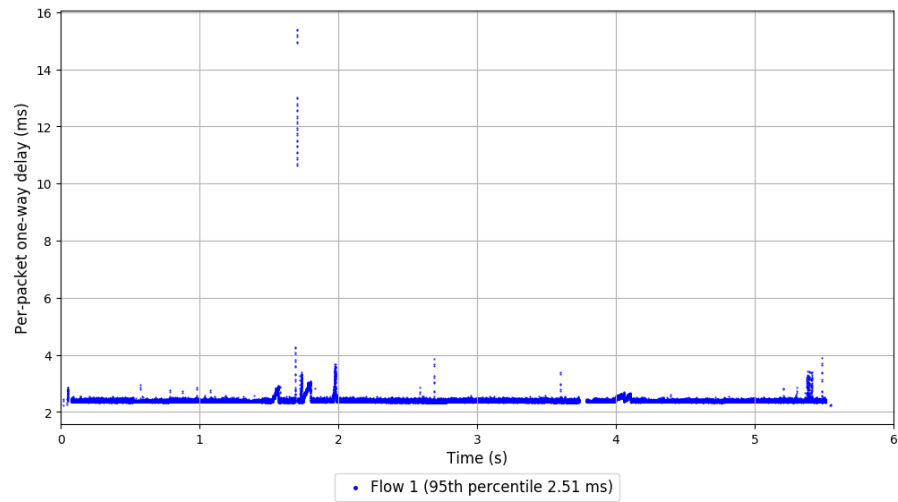
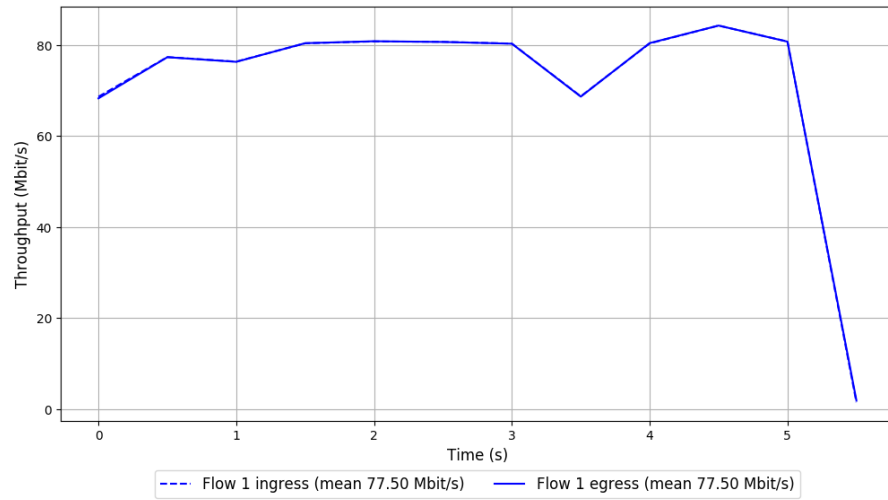
Start at: Tue, 25 Jul 2017 00:16:21 +0000

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

Local clock offset: -1.642 ms

Remote clock offset: 0.239 ms

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



Run 7: Statistics of QUIC Cubic

Start at: Tue, 25 Jul 2017 00:33:24 +0000

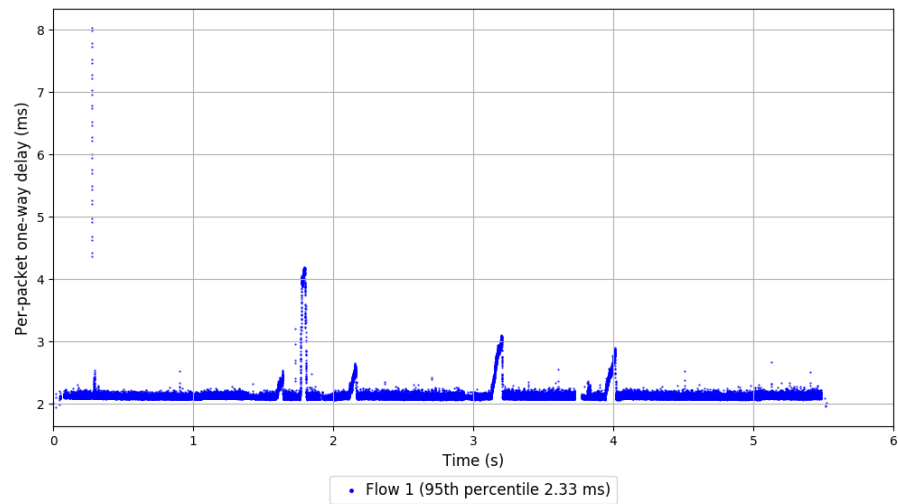
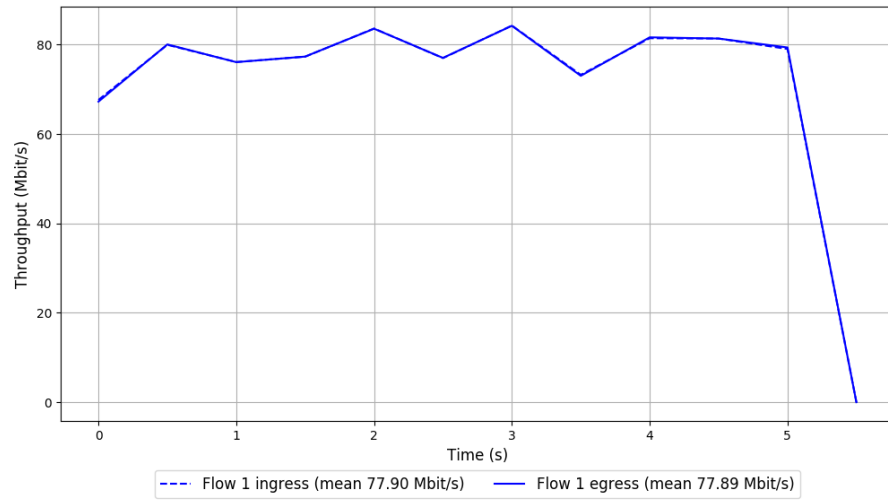
End at: Tue, 25 Jul 2017 00:33:54 +0000

Local clock offset: -1.789 ms

Remote clock offset: 0.156 ms



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



Run 8: Statistics of QUIC Cubic

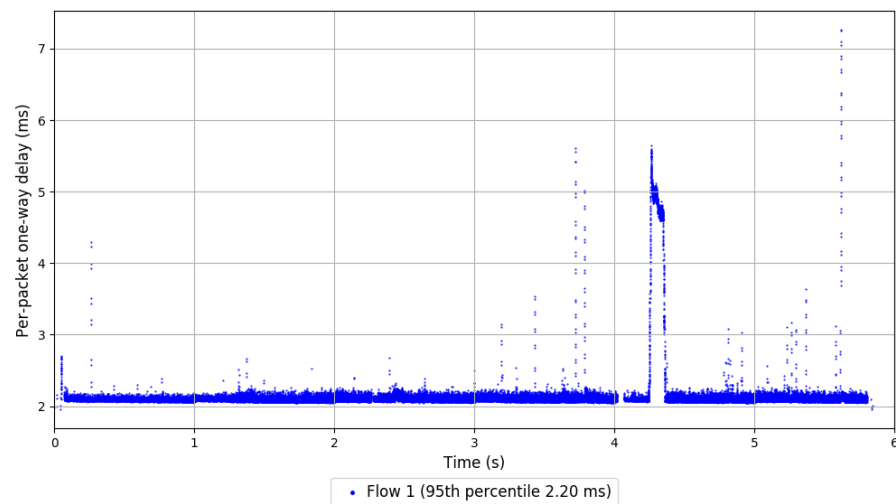
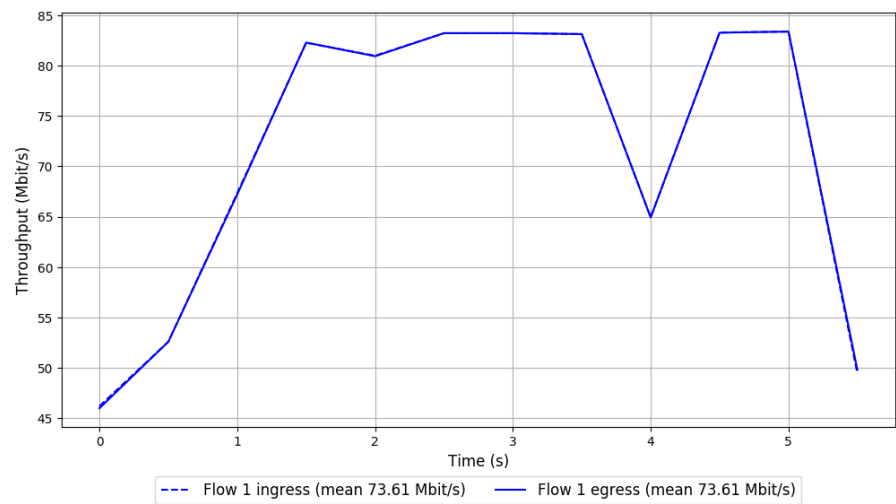
Start at: Tue, 25 Jul 2017 00:50:18 +0000

End at: Tue, 25 Jul 2017 00:50:48 +0000

Local clock offset: -1.71 ms

Remote clock offset: 0.107 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

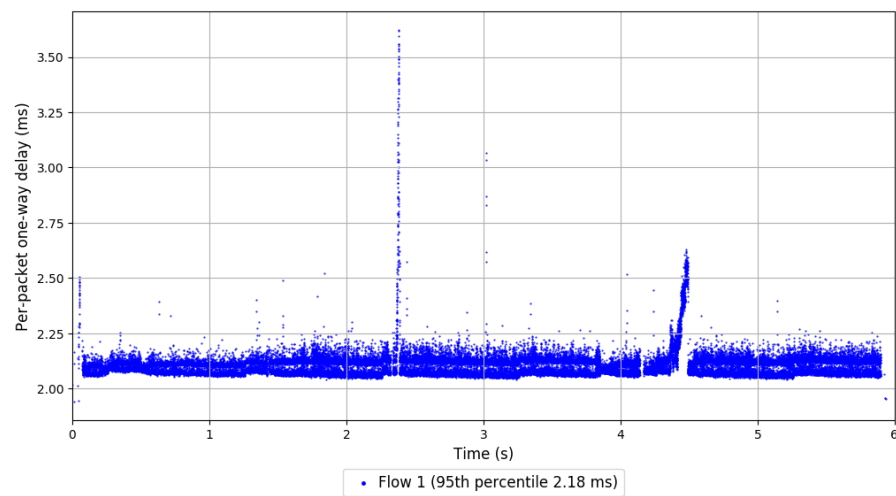
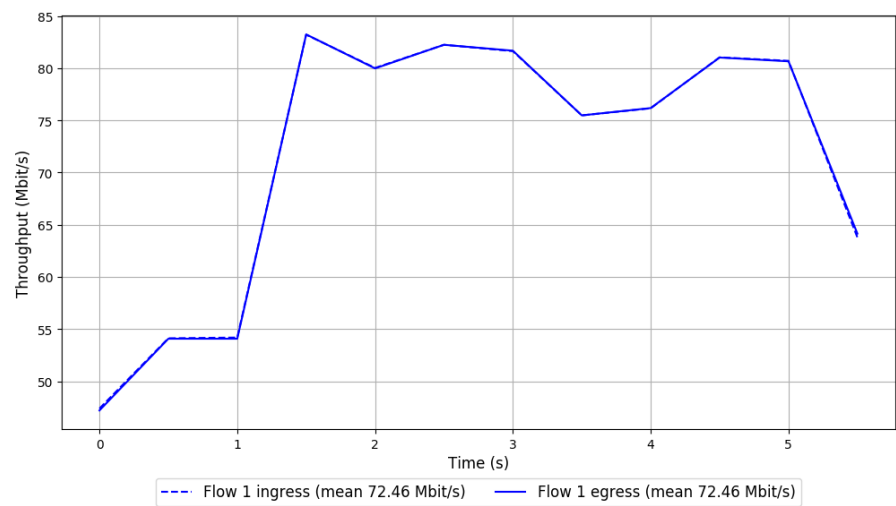
Start at: Tue, 25 Jul 2017 01:07:12 +0000

End at: Tue, 25 Jul 2017 01:07:42 +0000

Local clock offset: -1.81 ms

Remote clock offset: -0.107 ms

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

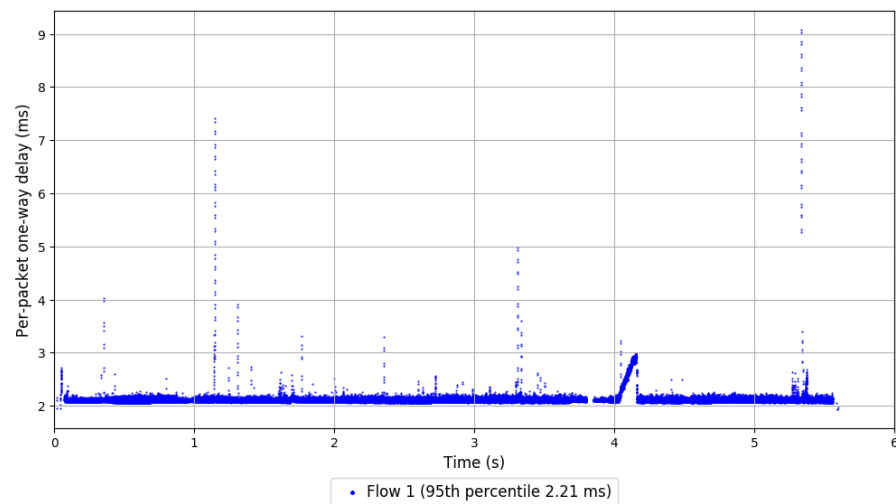
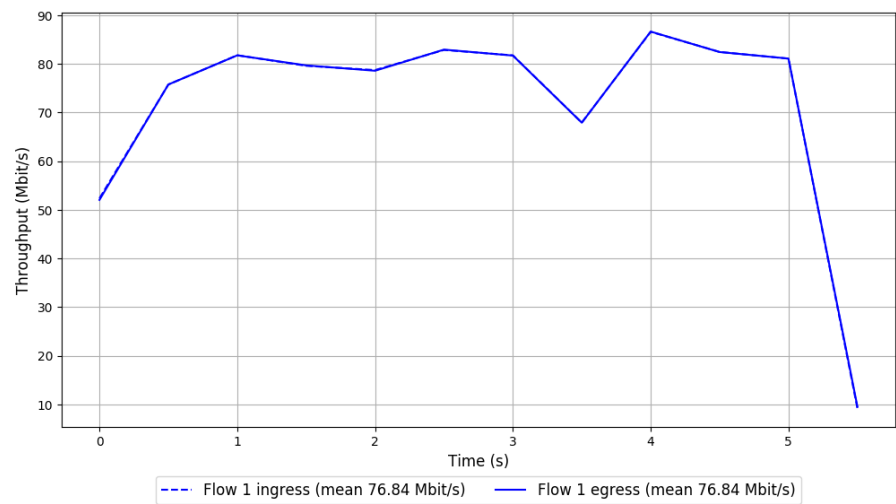
Start at: Tue, 25 Jul 2017 01:24:08 +0000

End at: Tue, 25 Jul 2017 01:24:38 +0000

Local clock offset: -1.82 ms

Remote clock offset: -0.19 ms

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Mon, 24 Jul 2017 22:53:28 +0000

End at: Mon, 24 Jul 2017 22:53:58 +0000

Local clock offset: -2.157 ms

Remote clock offset: 0.701 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.101 ms

Loss rate: 0.05%

-- Flow 1:

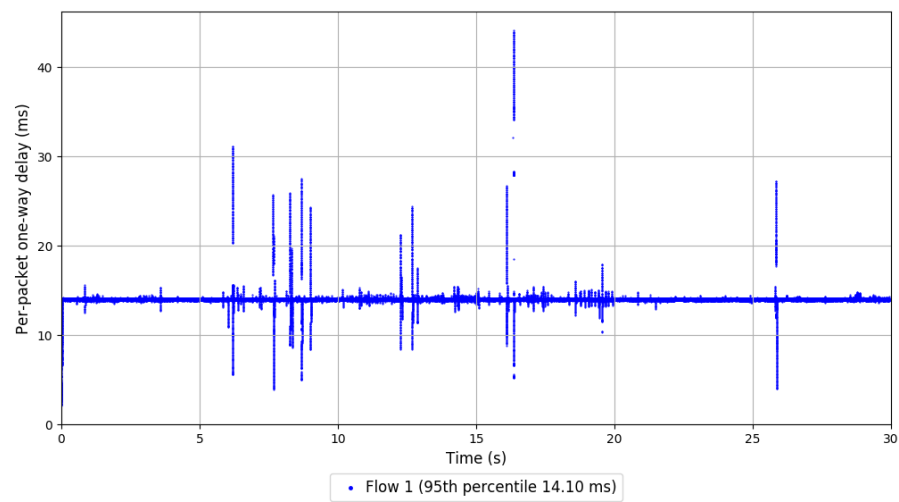
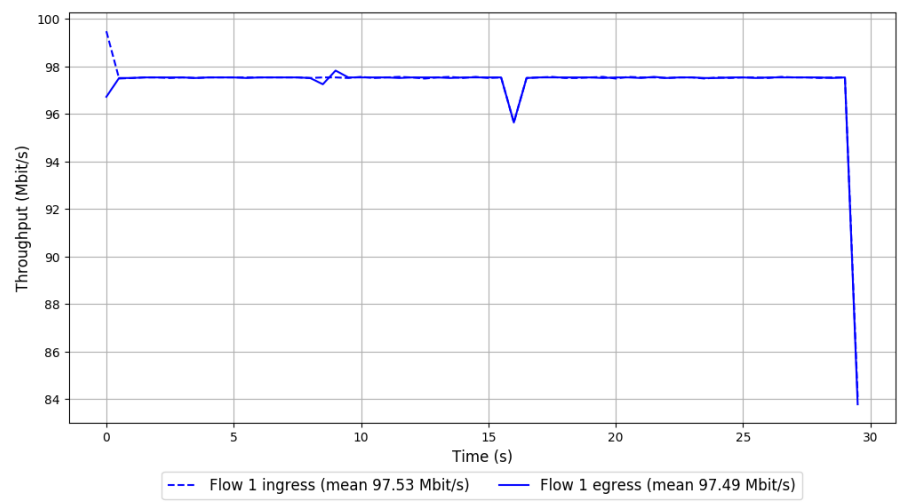
Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.101 ms

Loss rate: 0.05%



Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

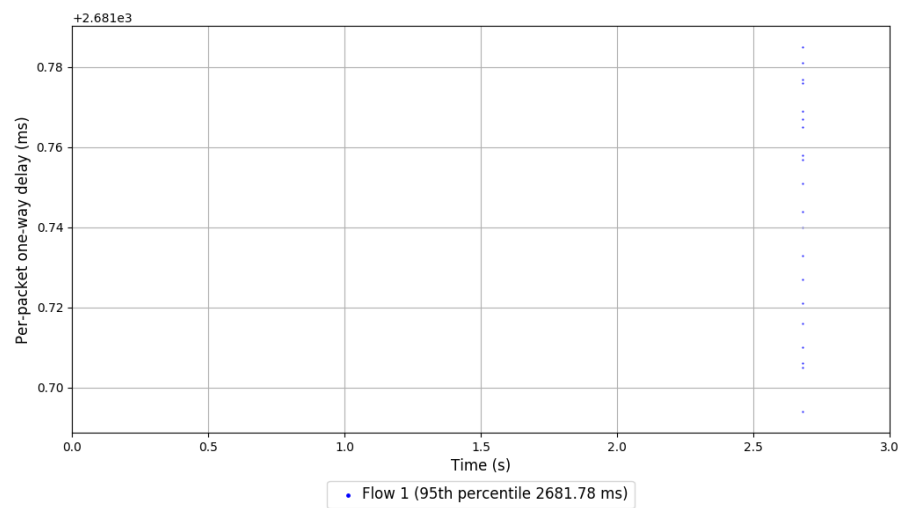
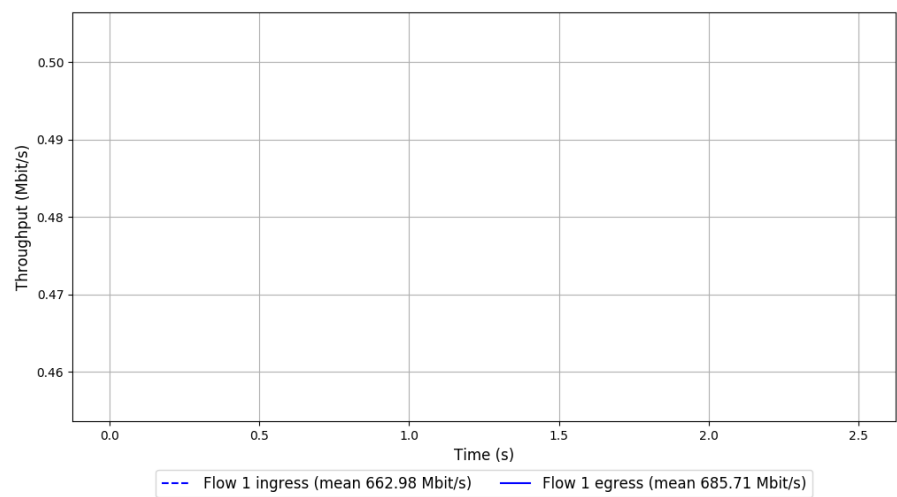
Start at: Mon, 24 Jul 2017 23:10:36 +0000

End at: Mon, 24 Jul 2017 23:11:06 +0000

Local clock offset: -2.186 ms

Remote clock offset: 0.636 ms

Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Mon, 24 Jul 2017 23:27:32 +0000

End at: Mon, 24 Jul 2017 23:28:02 +0000

Local clock offset: -2.135 ms

Remote clock offset: 0.694 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.52 Mbit/s

95th percentile per-packet one-way delay: 14.021 ms

Loss rate: 0.06%

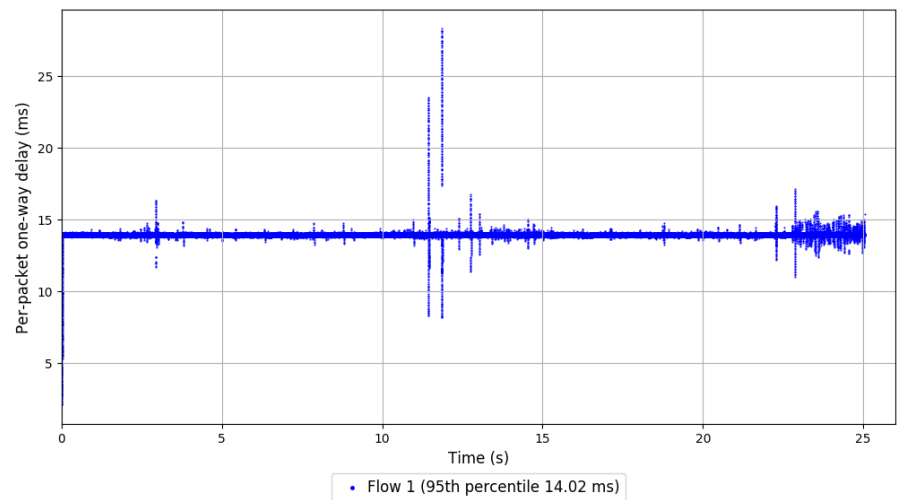
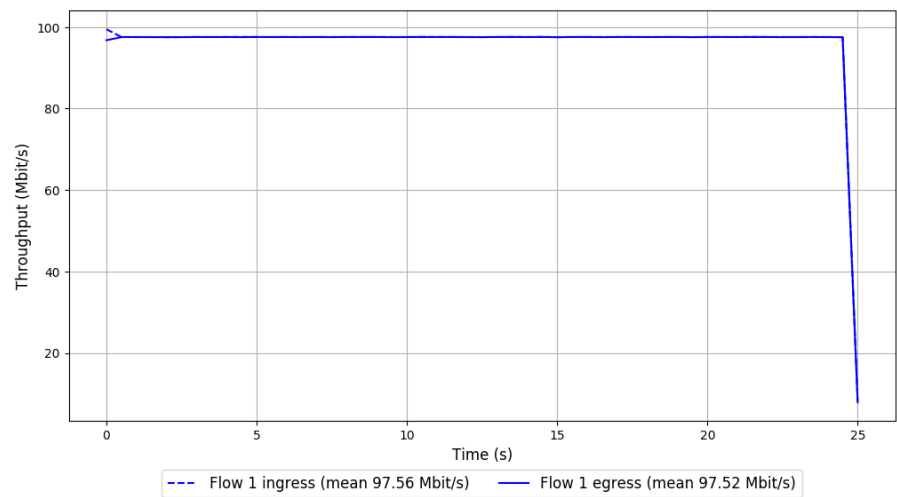
-- Flow 1:

Average throughput: 97.52 Mbit/s

95th percentile per-packet one-way delay: 14.021 ms

Loss rate: 0.06%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

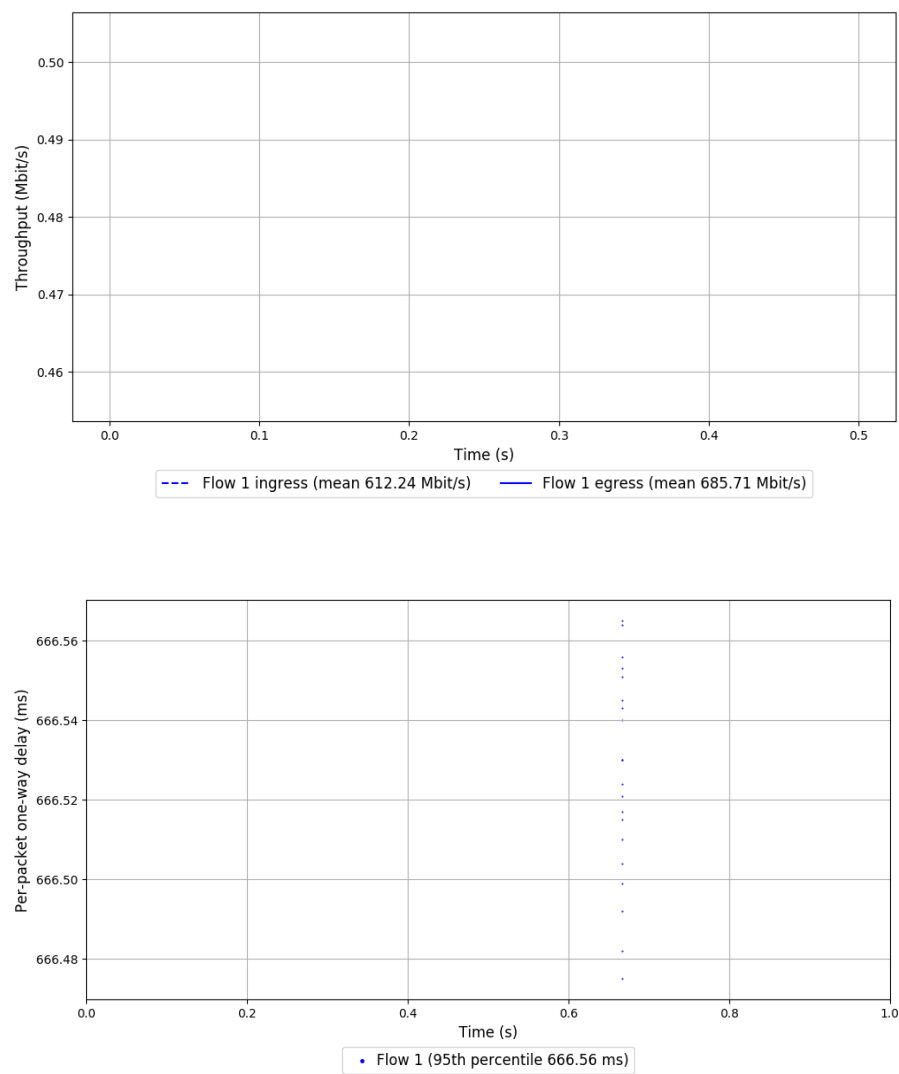
Start at: Mon, 24 Jul 2017 23:44:34 +0000

End at: Mon, 24 Jul 2017 23:45:04 +0000

Local clock offset: -1.951 ms

Remote clock offset: 0.543 ms

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Tue, 25 Jul 2017 00:01:28 +0000

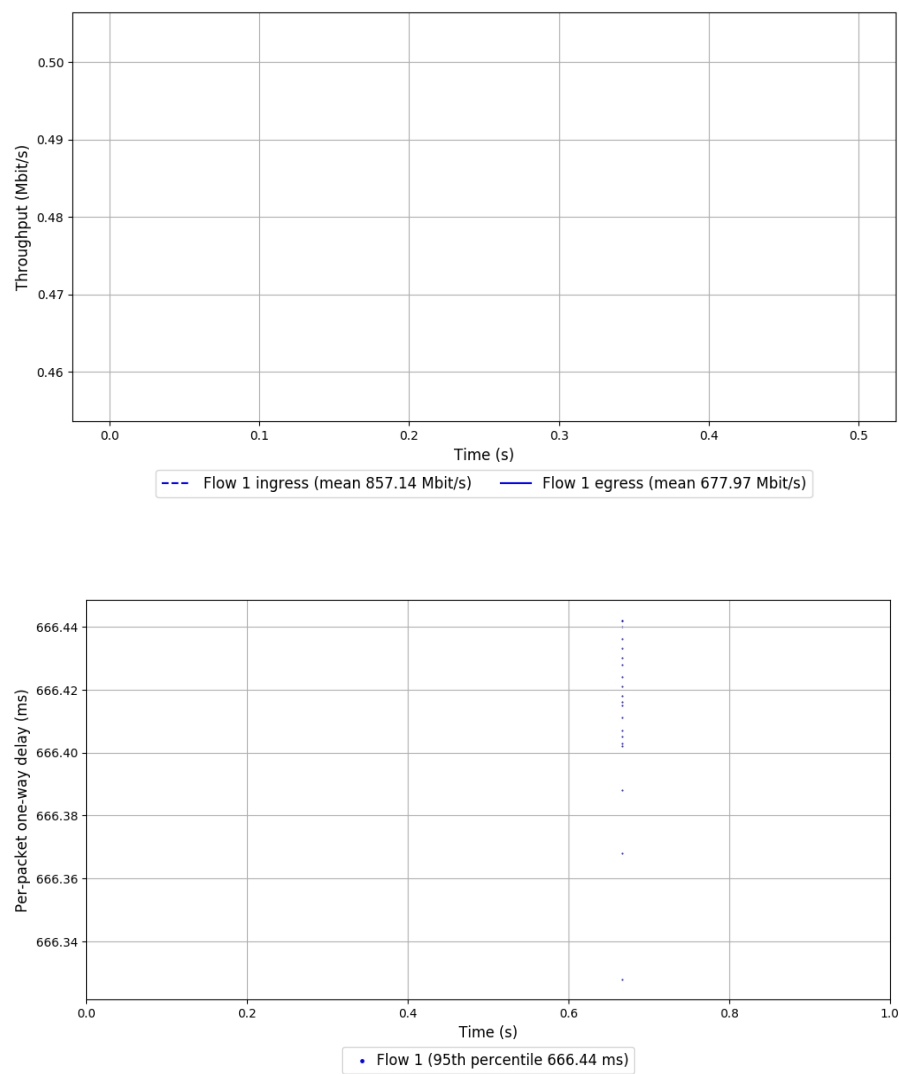
End at: Tue, 25 Jul 2017 00:01:58 +0000

Local clock offset: -1.864 ms

Remote clock offset: 0.37 ms



Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

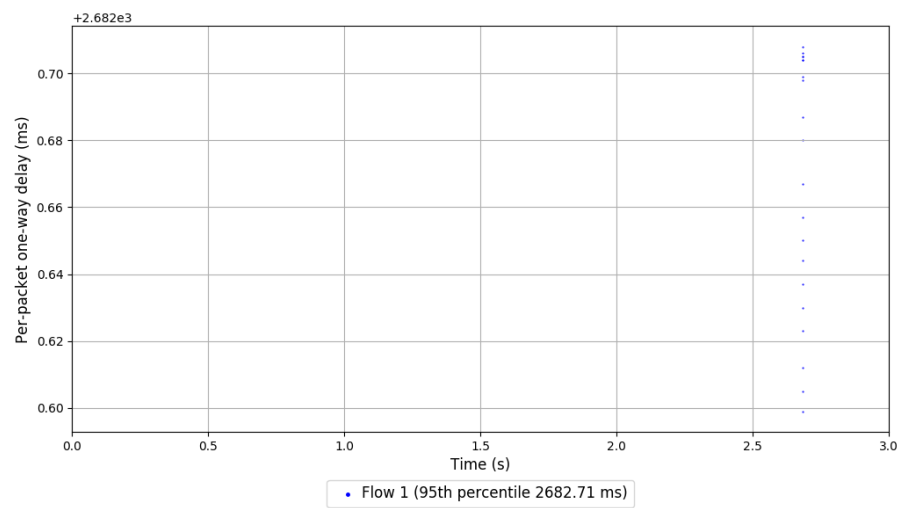
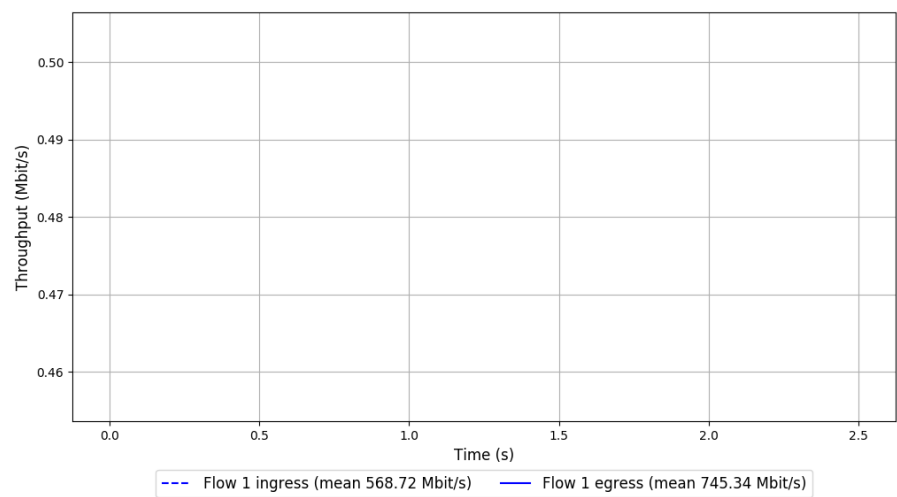
Start at: Tue, 25 Jul 2017 00:18:30 +0000

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

Local clock offset: -1.824 ms

Remote clock offset: 0.278 ms

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

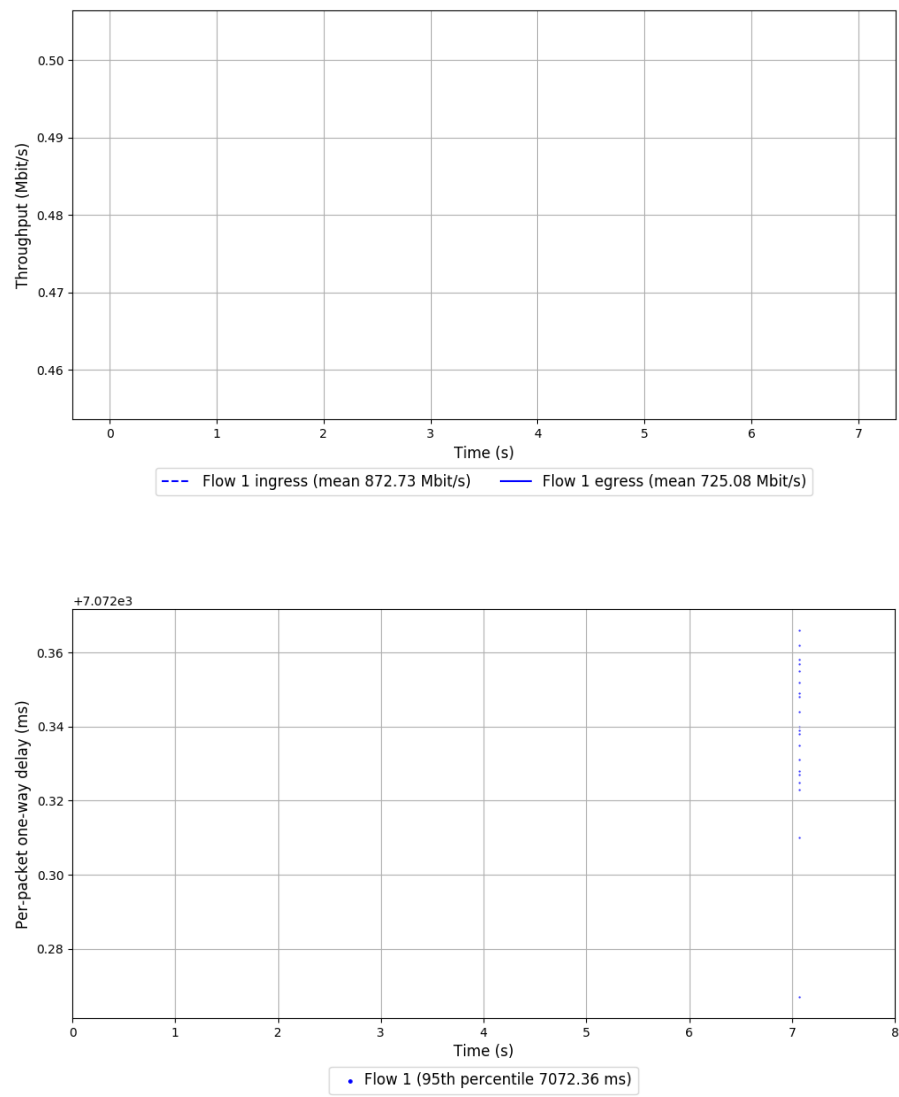
Start at: Tue, 25 Jul 2017 00:35:32 +0000

End at: Tue, 25 Jul 2017 00:36:03 +0000

Local clock offset: -1.858 ms

Remote clock offset: 0.05 ms

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

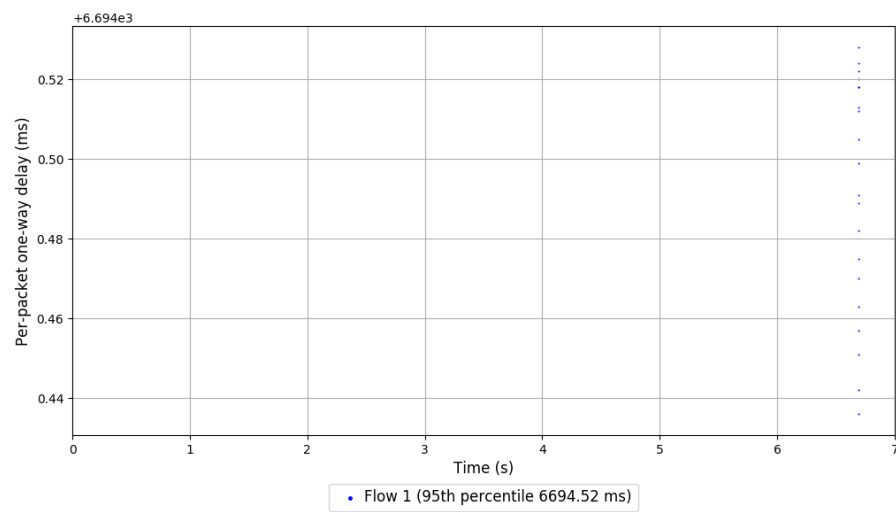
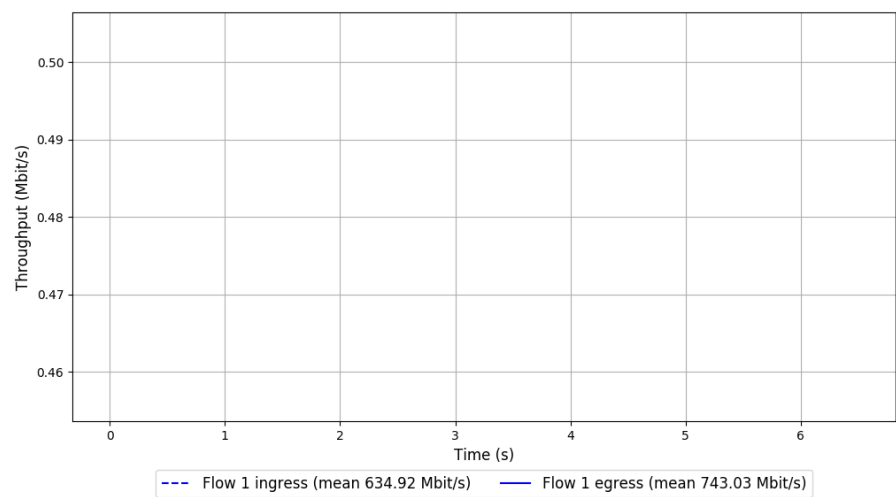
Start at: Tue, 25 Jul 2017 00:52:27 +0000

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

Local clock offset: -1.744 ms

Remote clock offset: 0.026 ms

Run 8: Report of Saturator — Data Link



Run 9: Statistics of Saturator

Start at: Tue, 25 Jul 2017 01:09:20 +0000

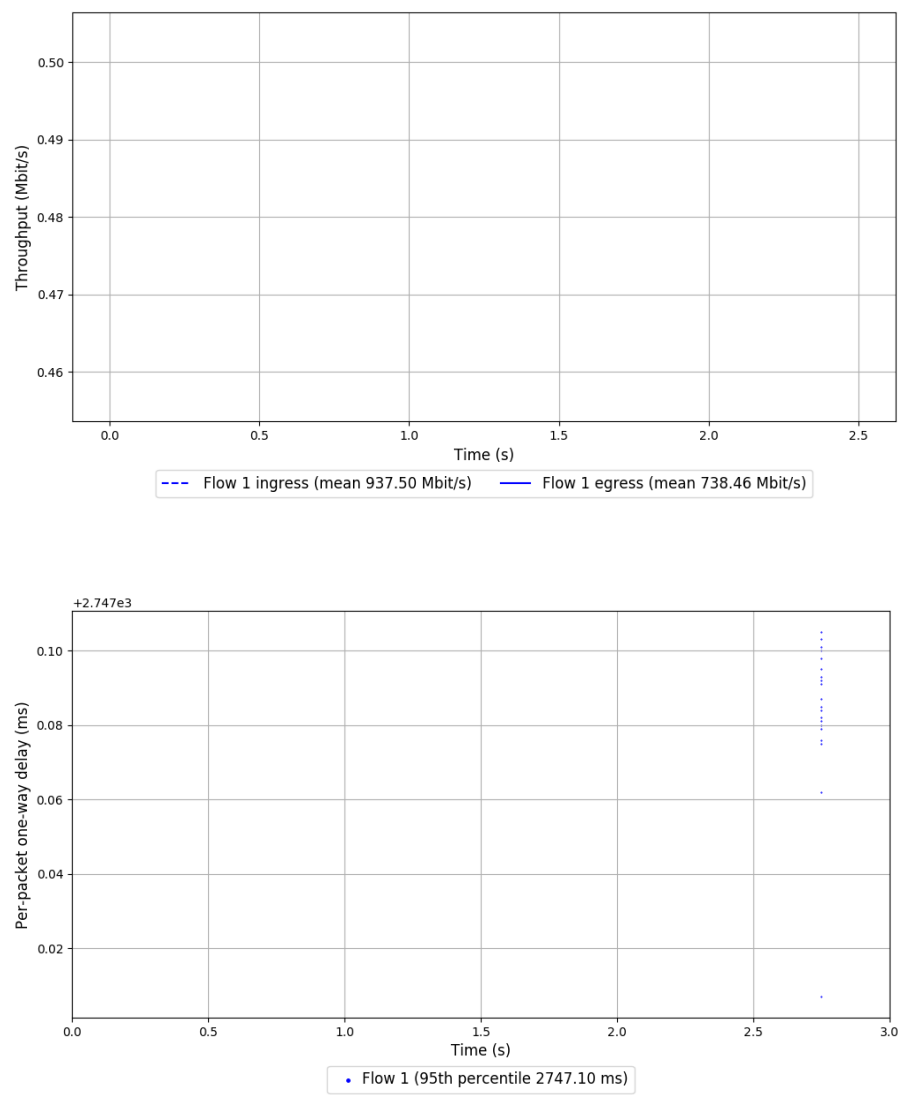
End at: Tue, 25 Jul 2017 01:09:50 +0000

Local clock offset: -1.801 ms

Remote clock offset: -0.163 ms



Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

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

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

Local clock offset: -1.842 ms

Remote clock offset: -0.195 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 14.098 ms

Loss rate: 0.05%

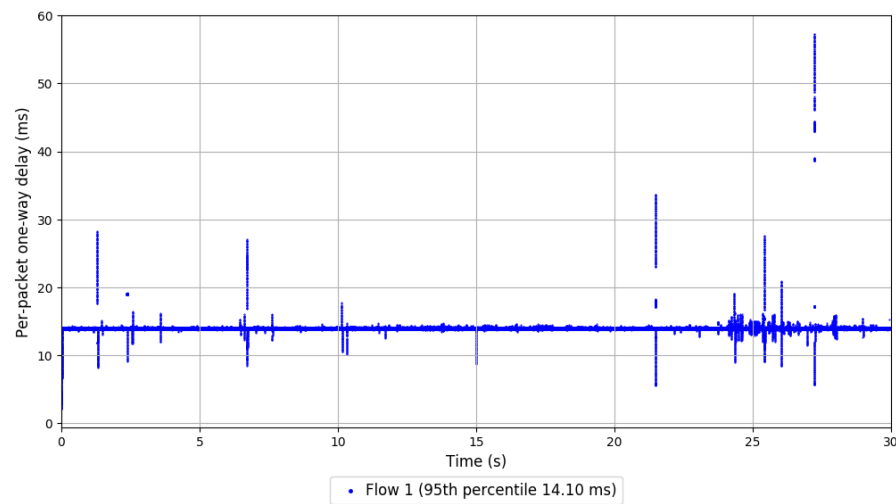
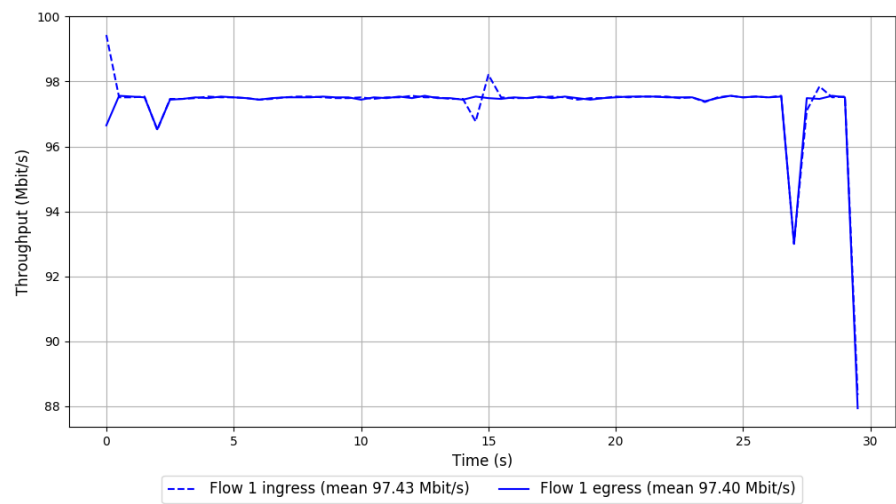
-- Flow 1:

Average throughput: 97.40 Mbit/s

95th percentile per-packet one-way delay: 14.098 ms

Loss rate: 0.05%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

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

End at: Mon, 24 Jul 2017 22:52:54 +0000

Local clock offset: -2.165 ms

Remote clock offset: 0.679 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.232 ms

Loss rate: 0.00%

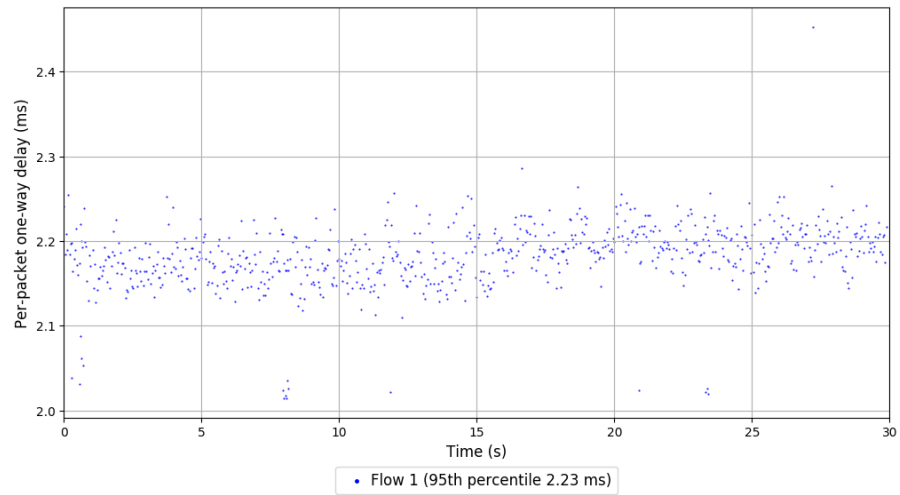
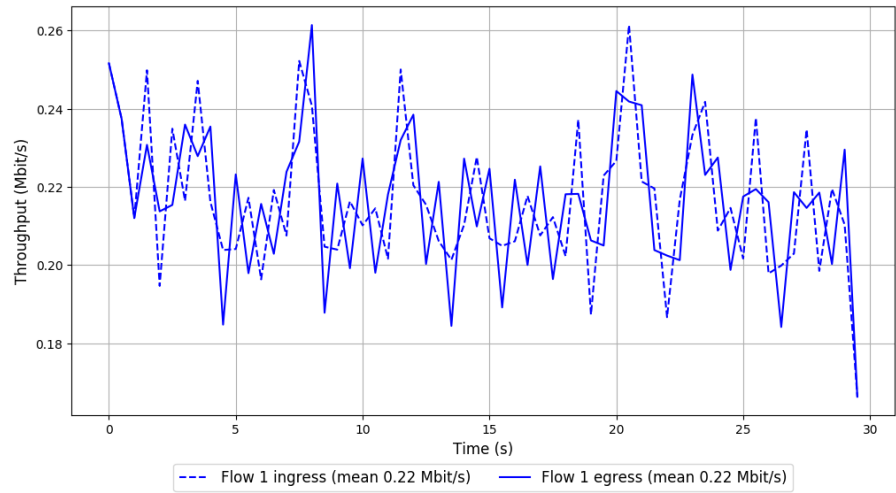
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.232 ms

Loss rate: 0.00%

## Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

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

End at: Mon, 24 Jul 2017 23:10:02 +0000

Local clock offset: -2.257 ms

Remote clock offset: 0.7 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.169 ms

Loss rate: 0.00%

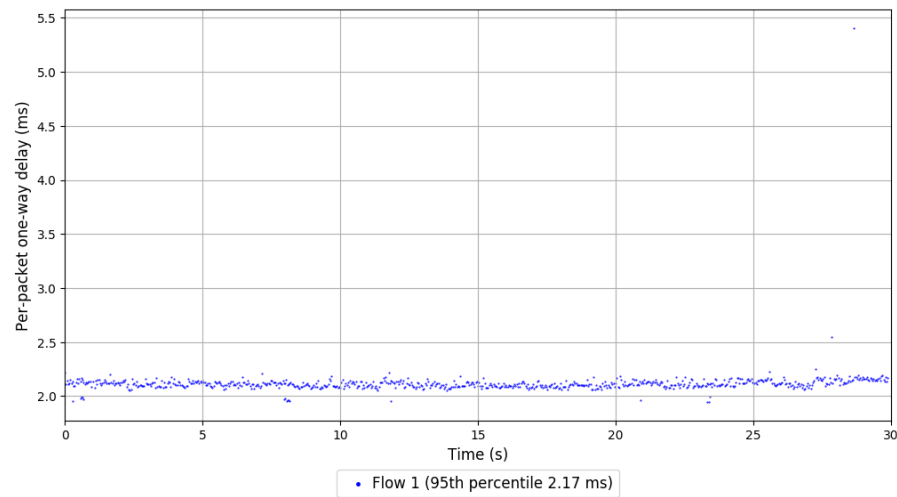
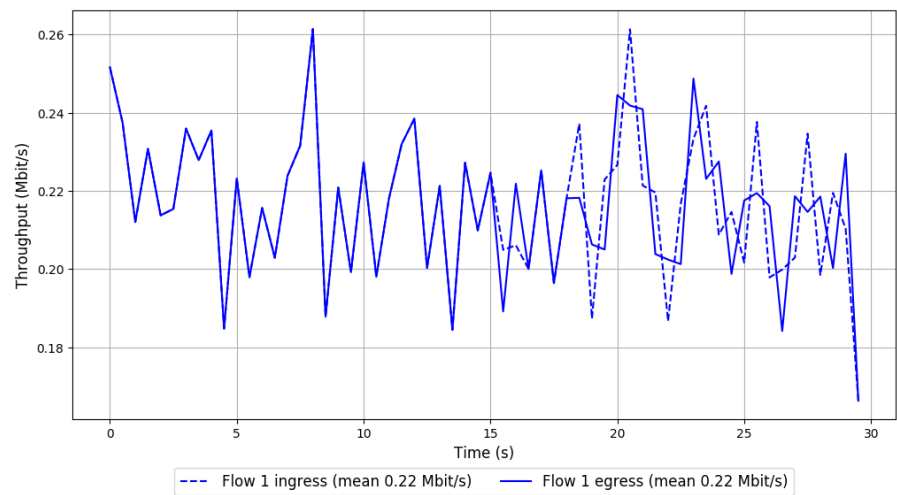
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.169 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:26:28 +0000

End at: Mon, 24 Jul 2017 23:26:58 +0000

Local clock offset: -2.072 ms

Remote clock offset: 0.68 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.209 ms

Loss rate: 0.00%

-- Flow 1:

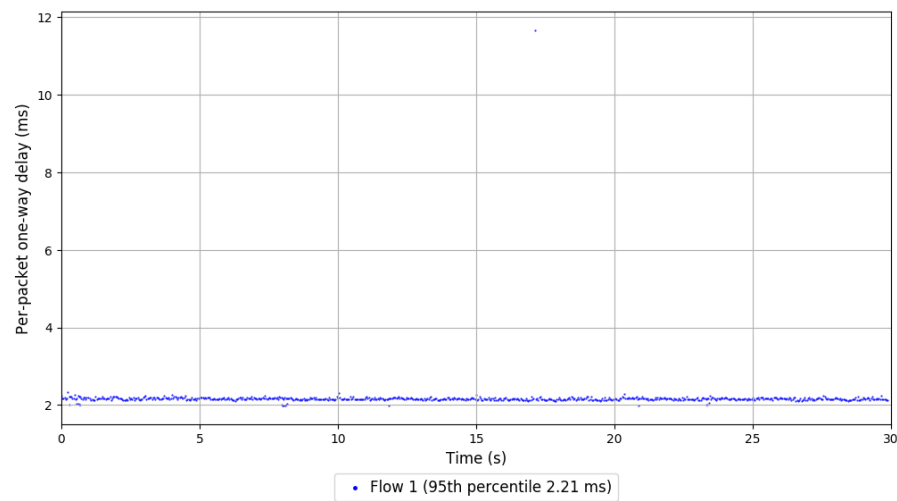
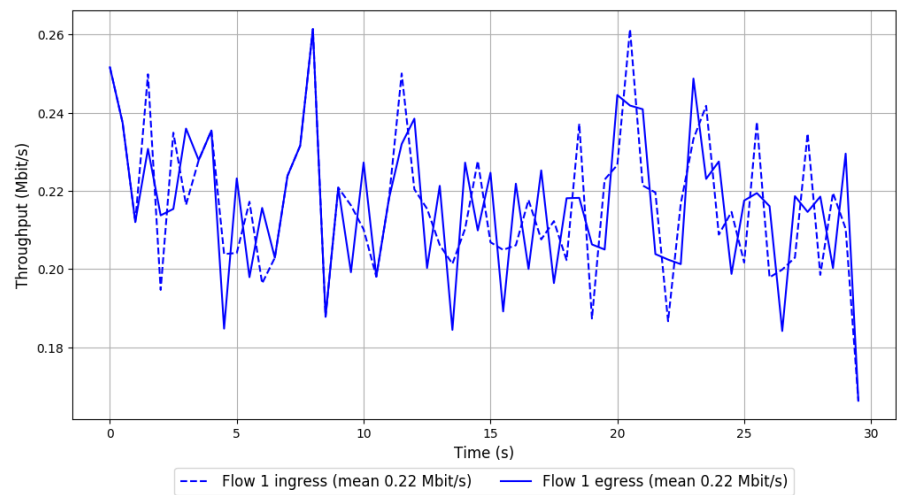
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.209 ms

Loss rate: 0.00%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Mon, 24 Jul 2017 23:43:30 +0000

End at: Mon, 24 Jul 2017 23:44:00 +0000

Local clock offset: -1.953 ms

Remote clock offset: 0.568 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.206 ms

Loss rate: 0.00%

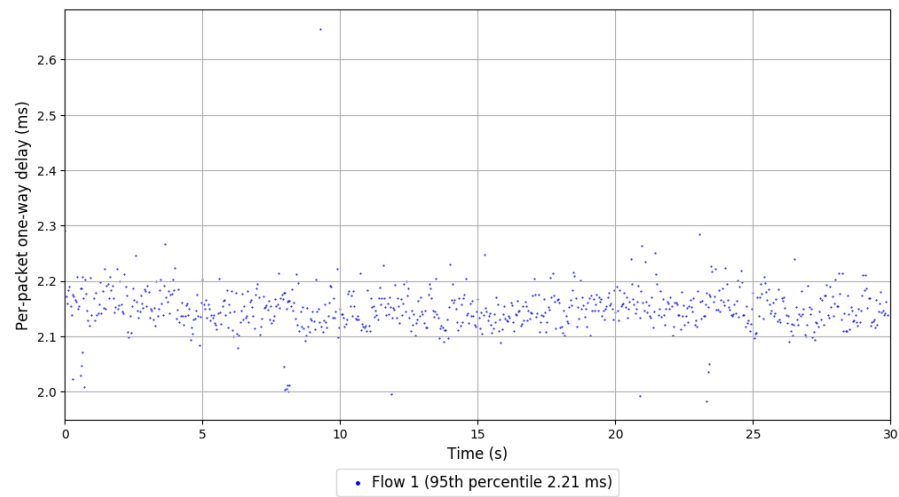
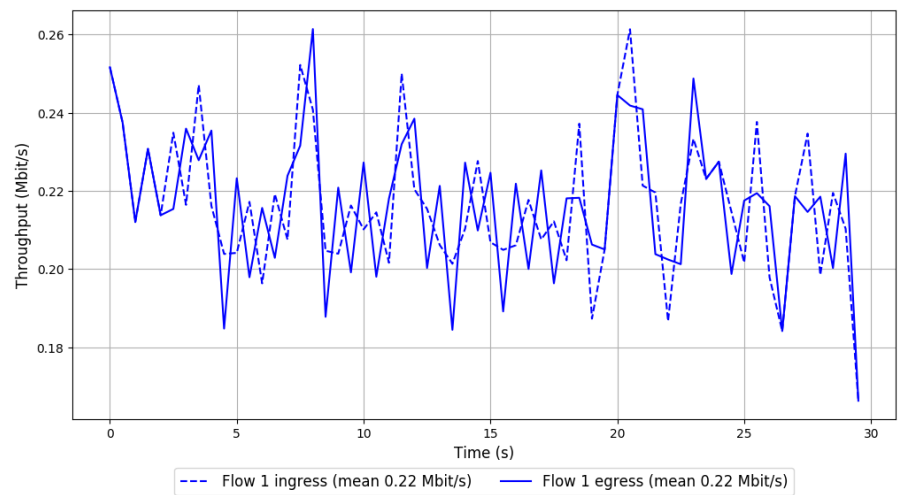
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.206 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

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

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

Local clock offset: -1.944 ms

Remote clock offset: 0.32 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.00%

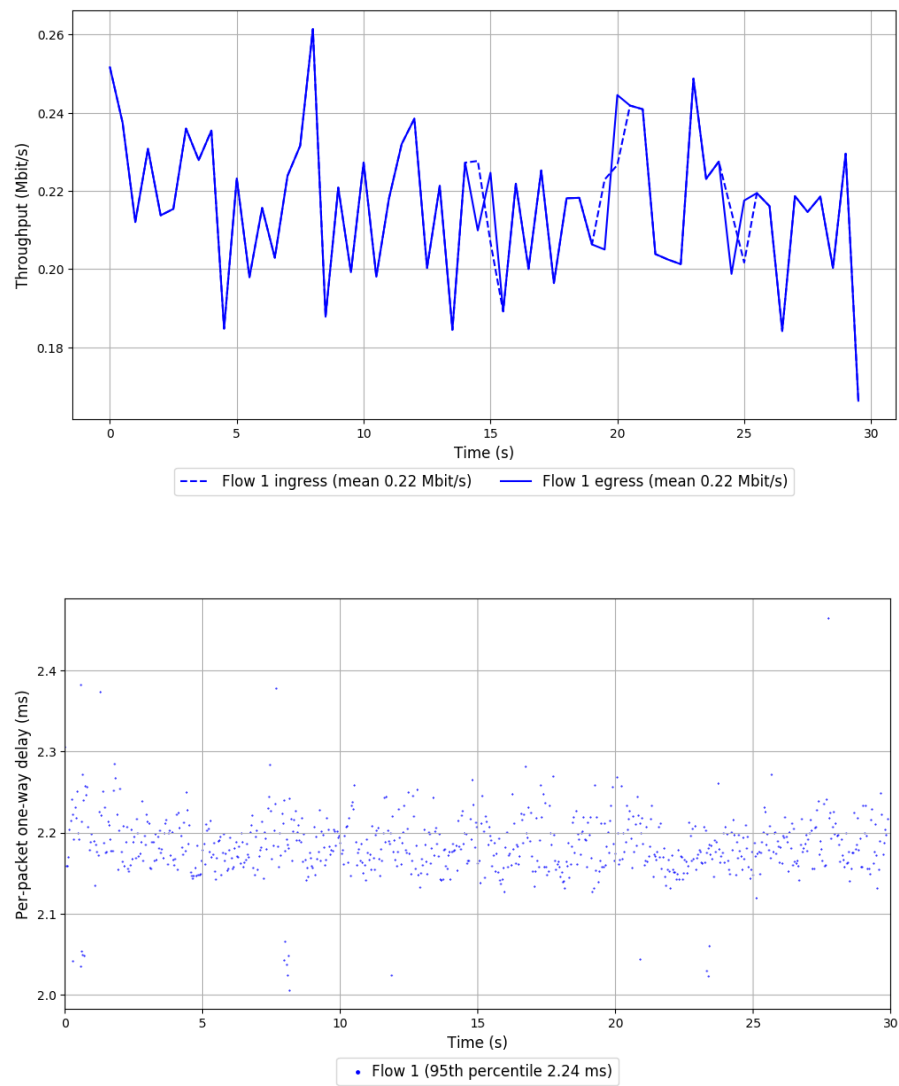
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:17:26 +0000

End at: Tue, 25 Jul 2017 00:17:56 +0000

Local clock offset: -1.834 ms

Remote clock offset: 0.29 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.183 ms

Loss rate: 0.00%

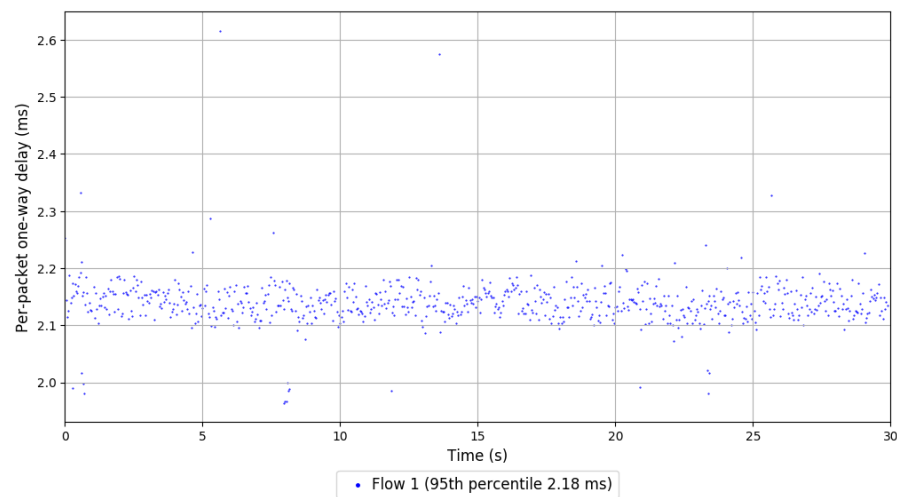
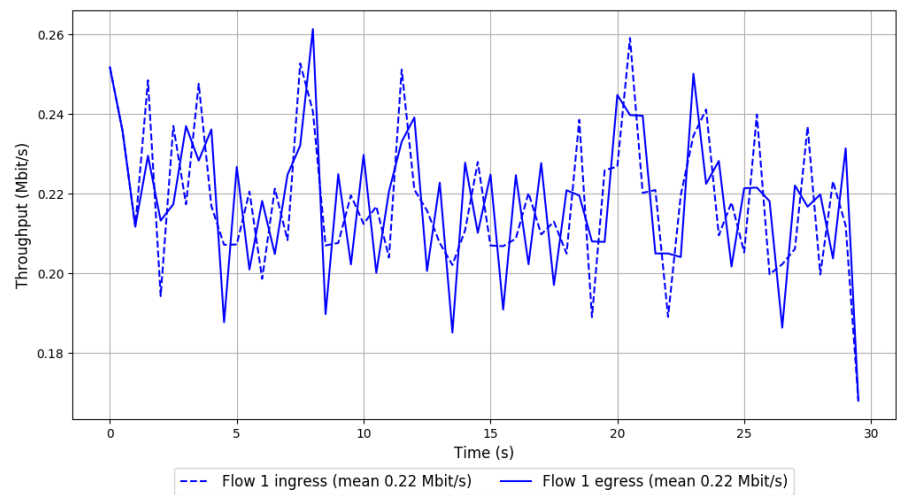
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.183 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:34:29 +0000

End at: Tue, 25 Jul 2017 00:34:59 +0000

Local clock offset: -1.864 ms

Remote clock offset: 0.151 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.152 ms

Loss rate: 0.00%

-- Flow 1:

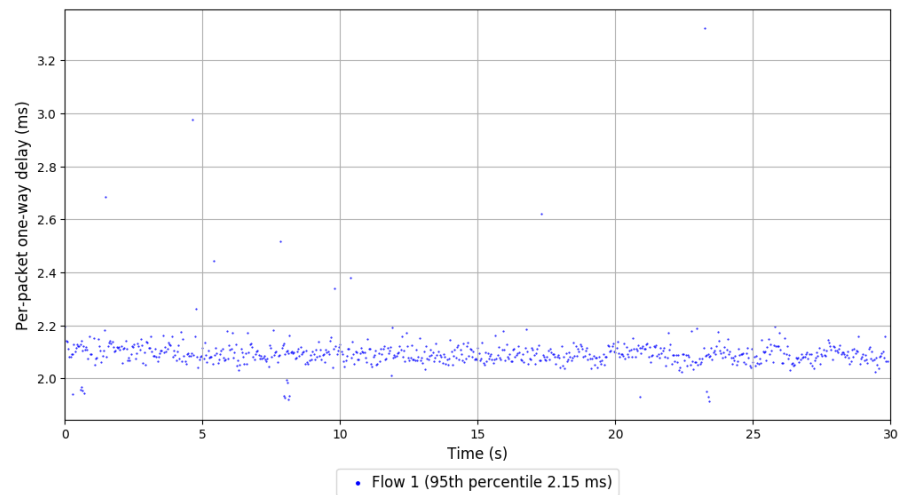
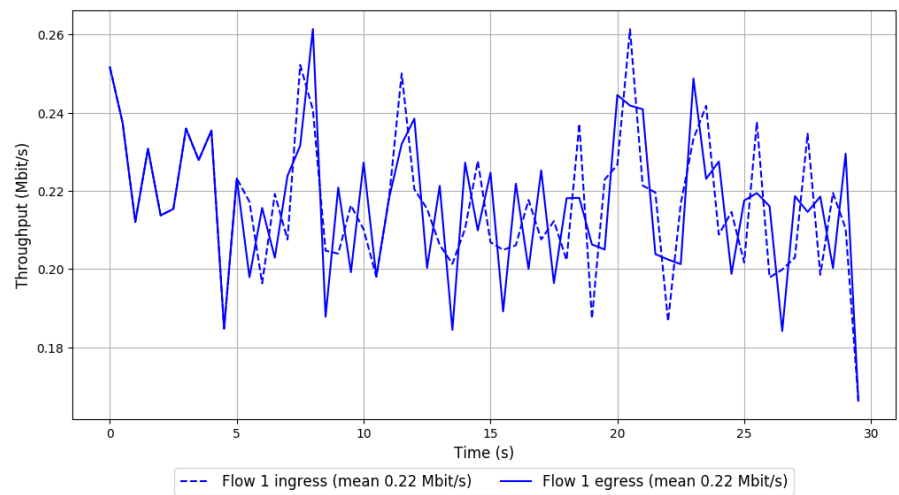
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.152 ms

Loss rate: 0.00%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 00:51:23 +0000

End at: Tue, 25 Jul 2017 00:51:53 +0000

Local clock offset: -1.72 ms

Remote clock offset: 0.049 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.249 ms

Loss rate: 0.00%

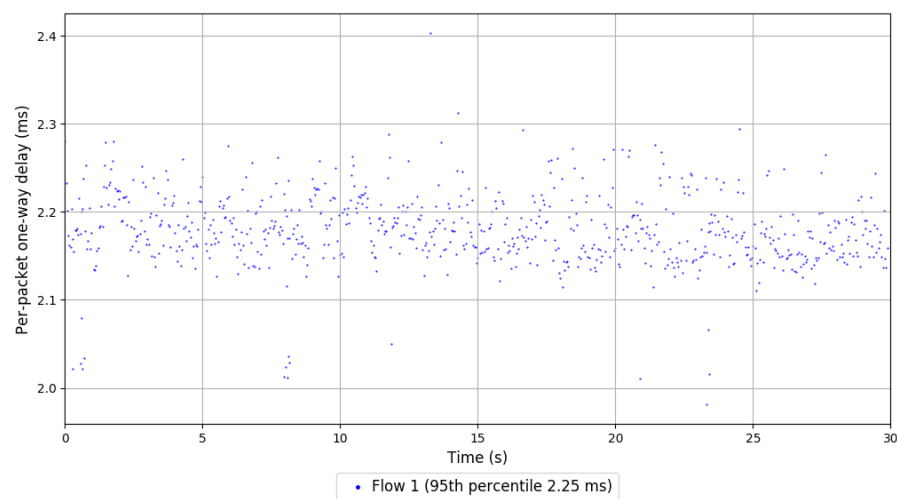
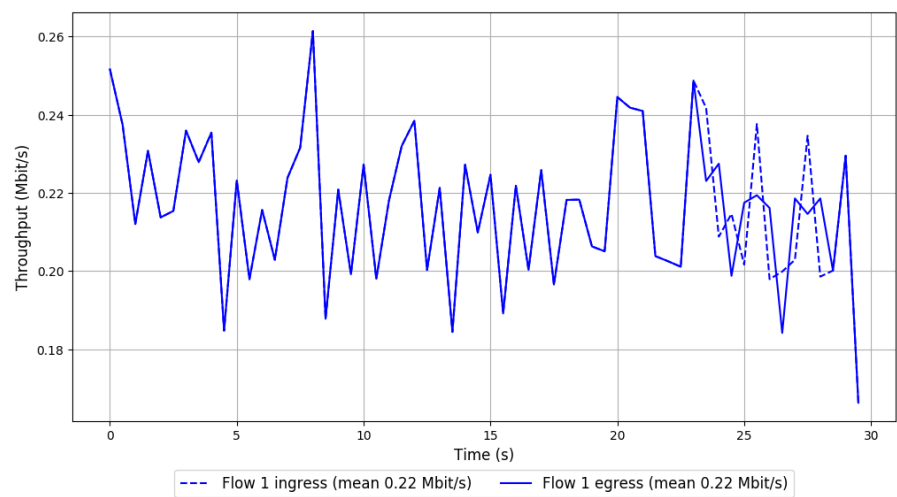
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.249 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Tue, 25 Jul 2017 01:08:17 +0000

End at: Tue, 25 Jul 2017 01:08:47 +0000

Local clock offset: -1.784 ms

Remote clock offset: -0.085 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.189 ms

Loss rate: 0.00%

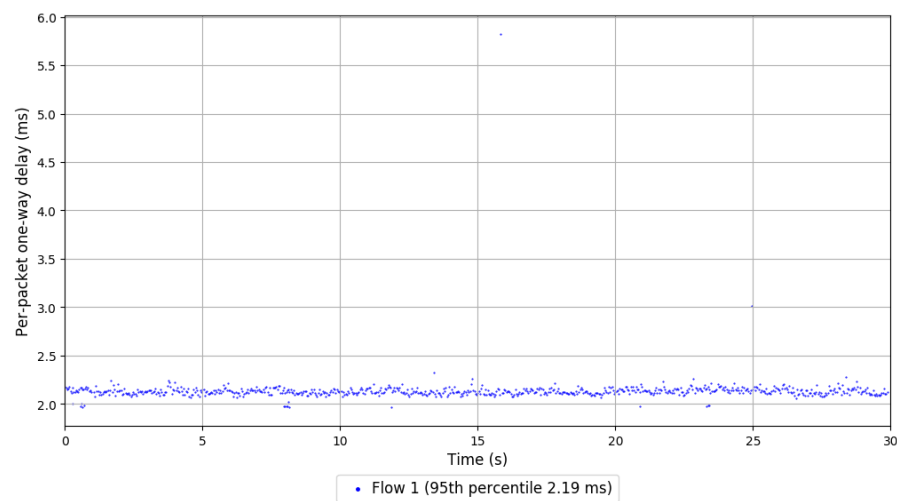
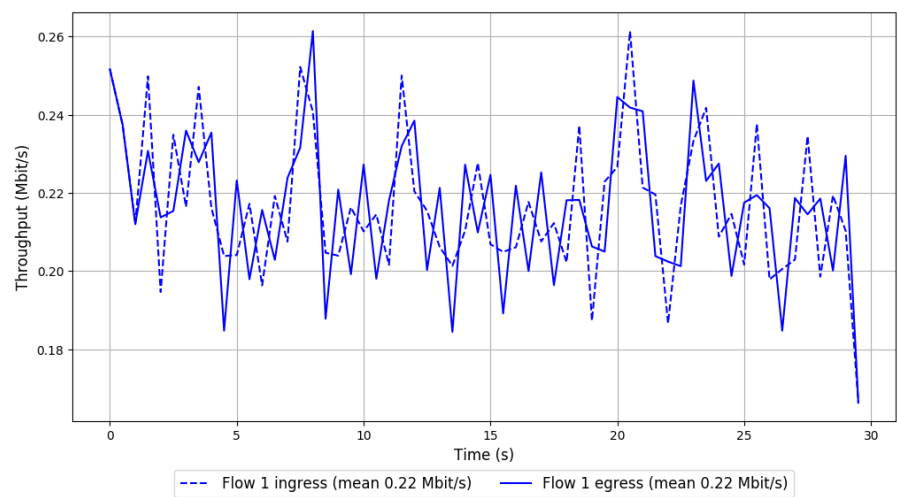
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.189 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

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

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

Local clock offset: -1.864 ms

Remote clock offset: -0.194 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.202 ms

Loss rate: 0.00%

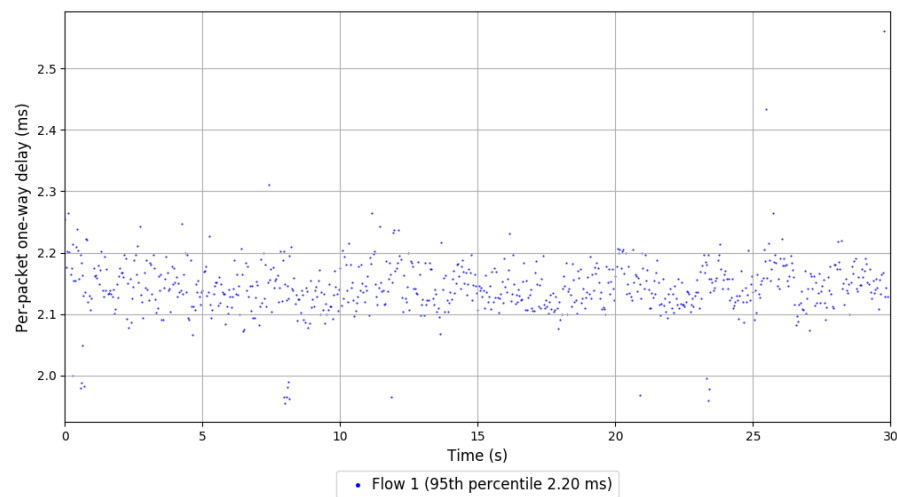
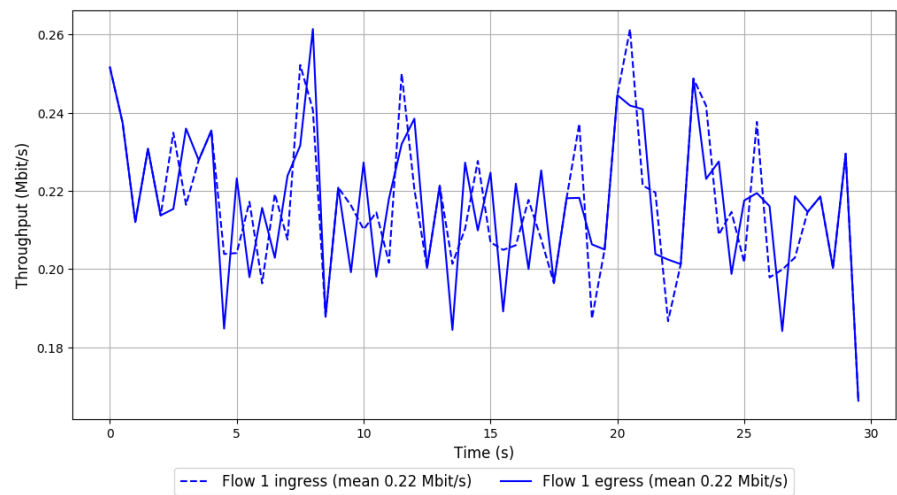
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.202 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Mon, 24 Jul 2017 22:54:38 +0000

End at: Mon, 24 Jul 2017 22:55:09 +0000

Local clock offset: -2.163 ms

Remote clock offset: 0.635 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:04 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.119 ms

Loss rate: 0.01%

-- Flow 1:

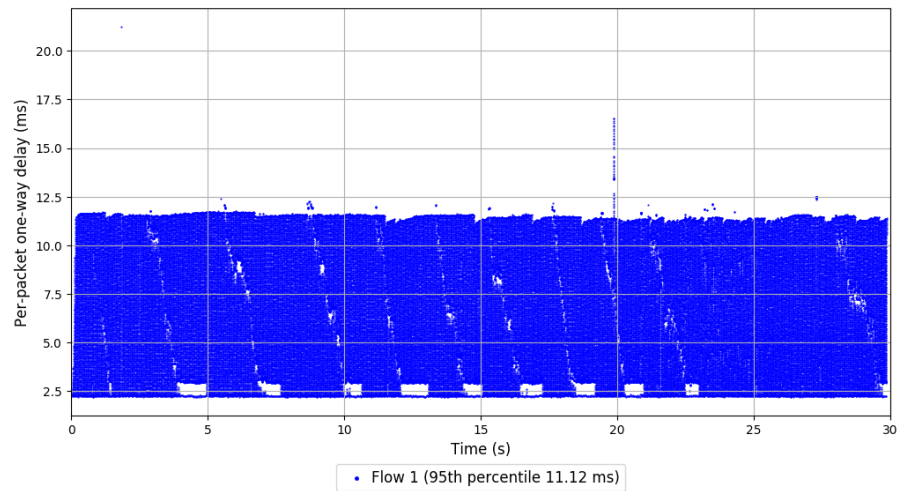
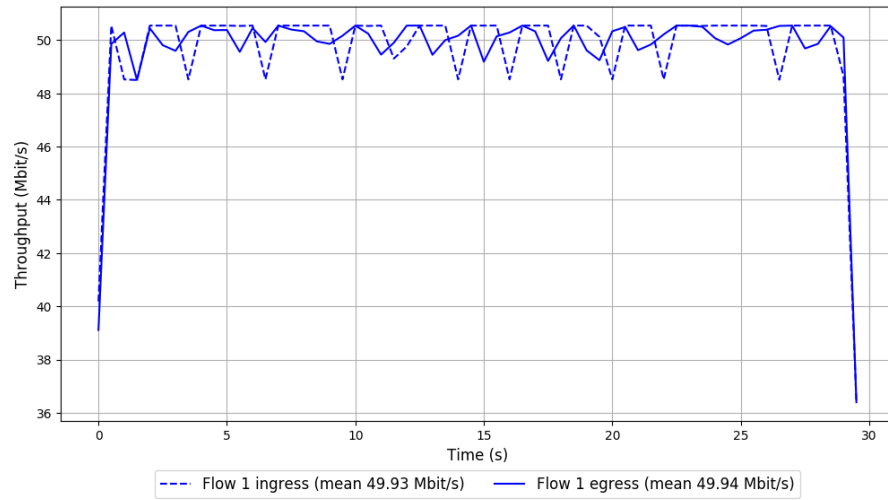
Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.119 ms

Loss rate: 0.01%



# Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:11:40 +0000

End at: Mon, 24 Jul 2017 23:12:10 +0000

Local clock offset: -2.24 ms

Remote clock offset: 0.737 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.000 ms

Loss rate: 0.00%

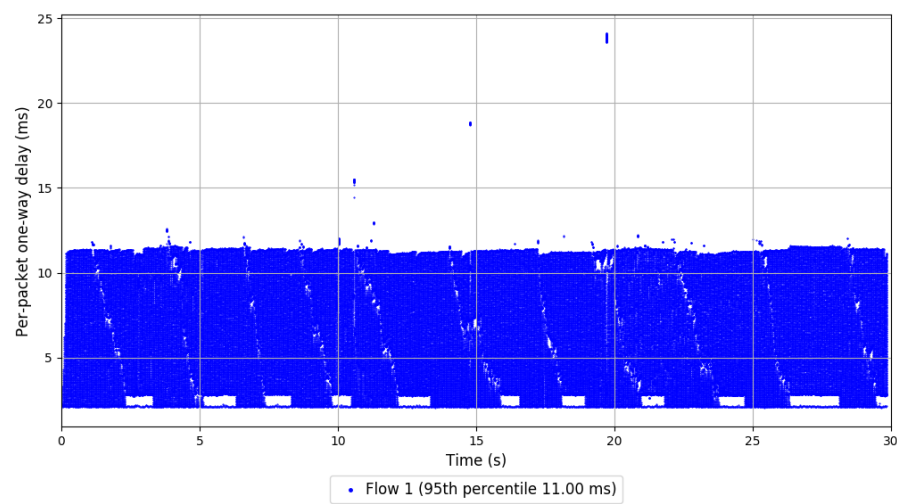
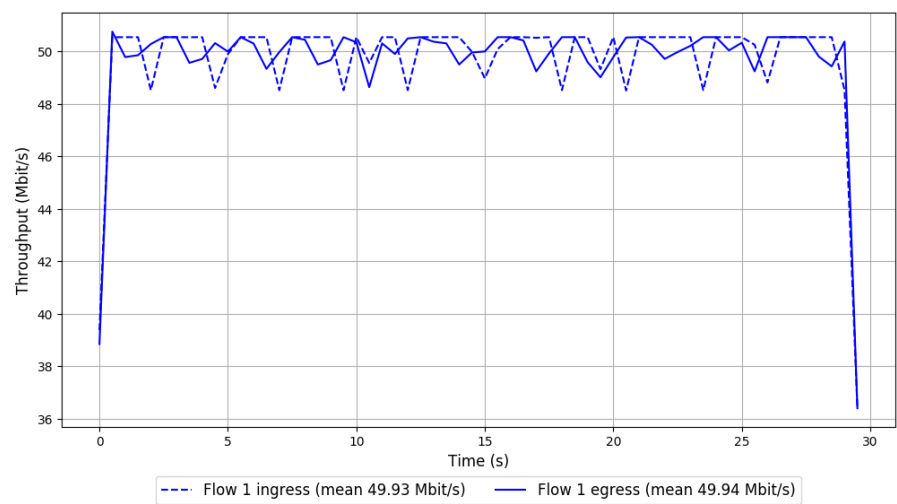
-- Flow 1:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.000 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:28:42 +0000

End at: Mon, 24 Jul 2017 23:29:12 +0000

Local clock offset: -2.049 ms

Remote clock offset: 0.681 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.069 ms

Loss rate: 0.00%

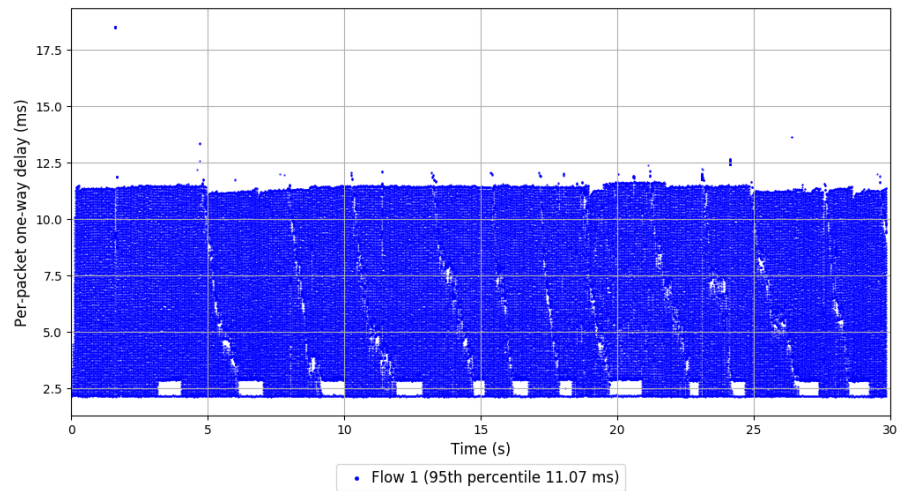
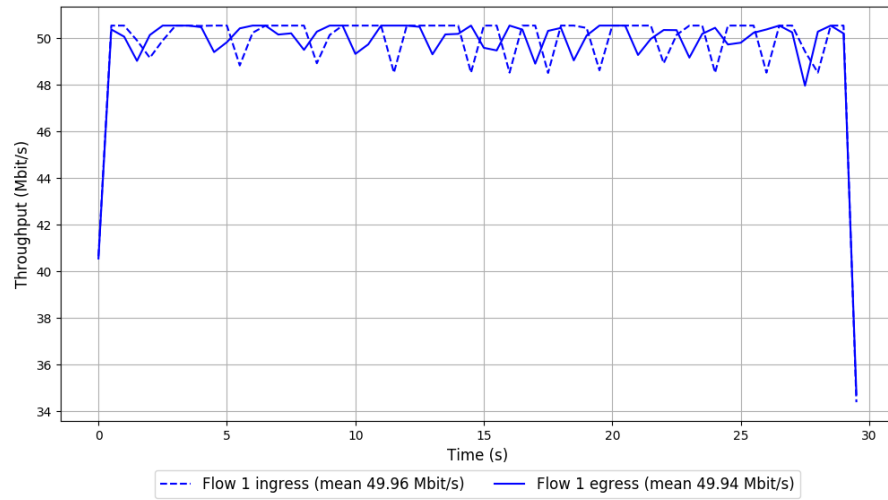
-- Flow 1:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.069 ms

Loss rate: 0.00%

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



Run 4: Statistics of Sprout

Start at: Mon, 24 Jul 2017 23:45:38 +0000

End at: Mon, 24 Jul 2017 23:46:08 +0000

Local clock offset: -1.972 ms

Remote clock offset: 0.561 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 10.927 ms

Loss rate: 0.00%

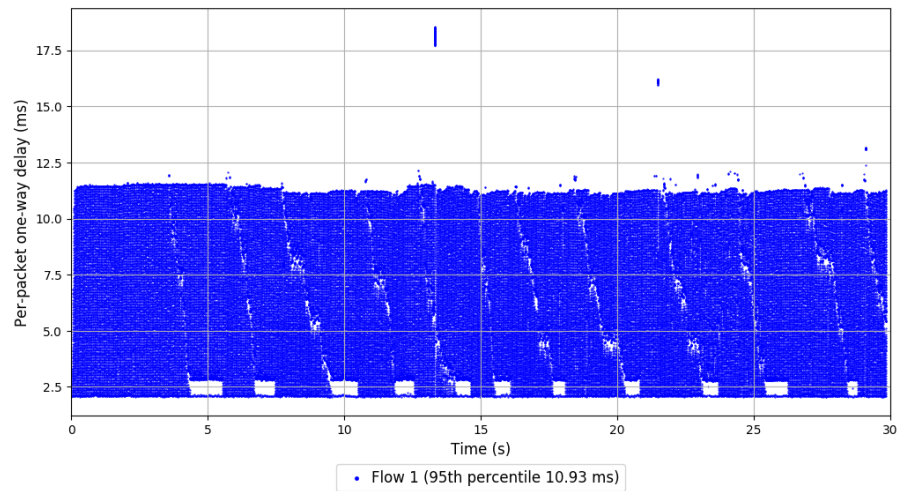
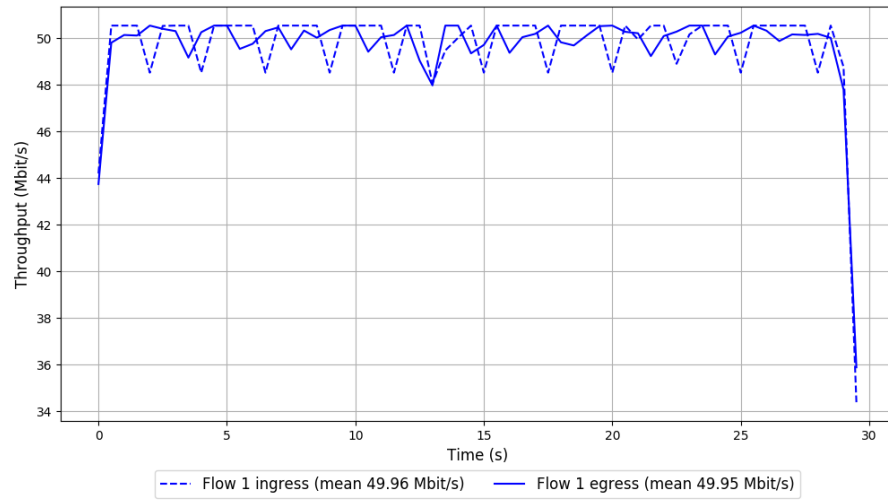
-- Flow 1:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 10.927 ms

Loss rate: 0.00%

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



Run 5: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:02:32 +0000

End at: Tue, 25 Jul 2017 00:03:02 +0000

Local clock offset: -1.879 ms

Remote clock offset: 0.383 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.97 Mbit/s

95th percentile per-packet one-way delay: 11.064 ms

Loss rate: 0.04%

-- Flow 1:

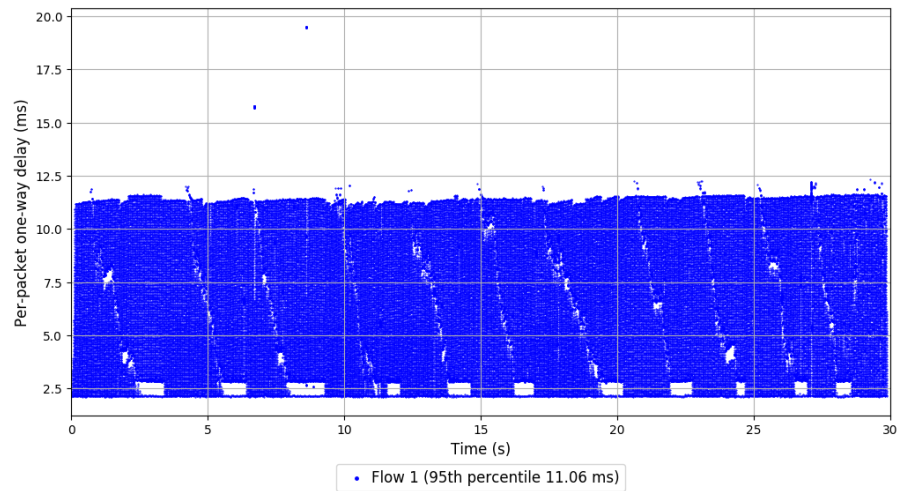
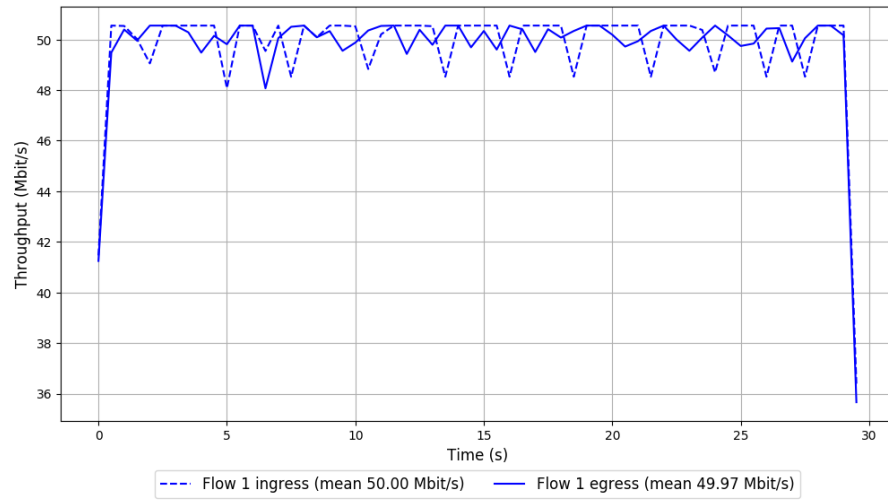
Average throughput: 49.97 Mbit/s

95th percentile per-packet one-way delay: 11.064 ms

Loss rate: 0.04%



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



Run 6: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:19:34 +0000

End at: Tue, 25 Jul 2017 00:20:04 +0000

Local clock offset: -1.817 ms

Remote clock offset: 0.27 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.93 Mbit/s

95th percentile per-packet one-way delay: 11.027 ms

Loss rate: 0.00%

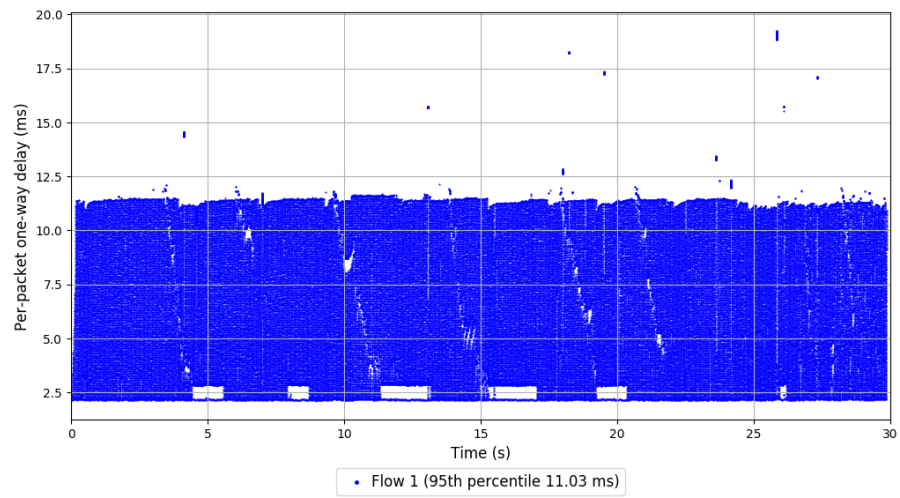
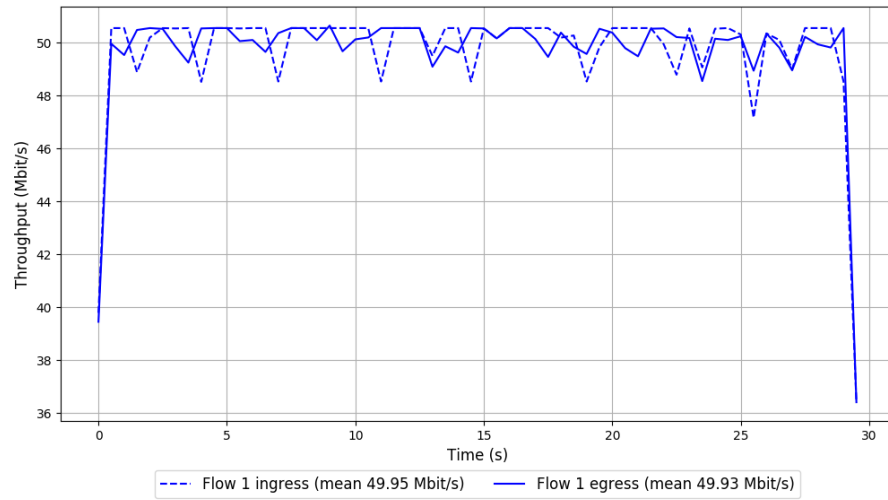
-- Flow 1:

Average throughput: 49.93 Mbit/s

95th percentile per-packet one-way delay: 11.027 ms

Loss rate: 0.00%

## Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

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

End at: Tue, 25 Jul 2017 00:37:06 +0000

Local clock offset: -1.759 ms

Remote clock offset: 0.132 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.057 ms

Loss rate: 0.07%

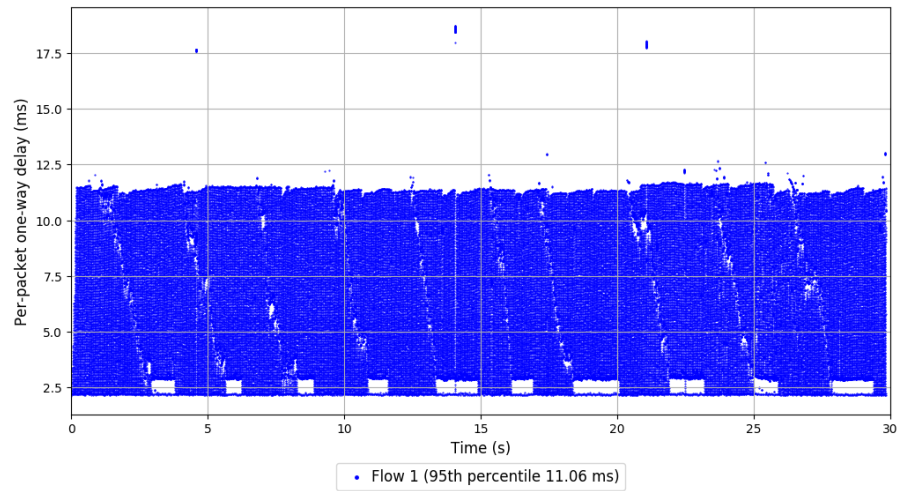
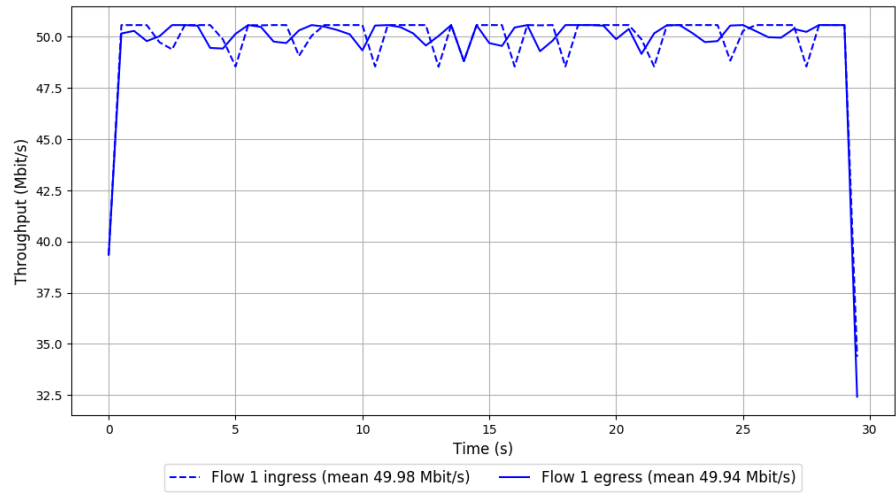
-- Flow 1:

Average throughput: 49.94 Mbit/s

95th percentile per-packet one-way delay: 11.057 ms

Loss rate: 0.07%

## Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 25 Jul 2017 00:53:30 +0000

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

Local clock offset: -1.842 ms

Remote clock offset: -0.068 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 10.987 ms

Loss rate: 0.07%

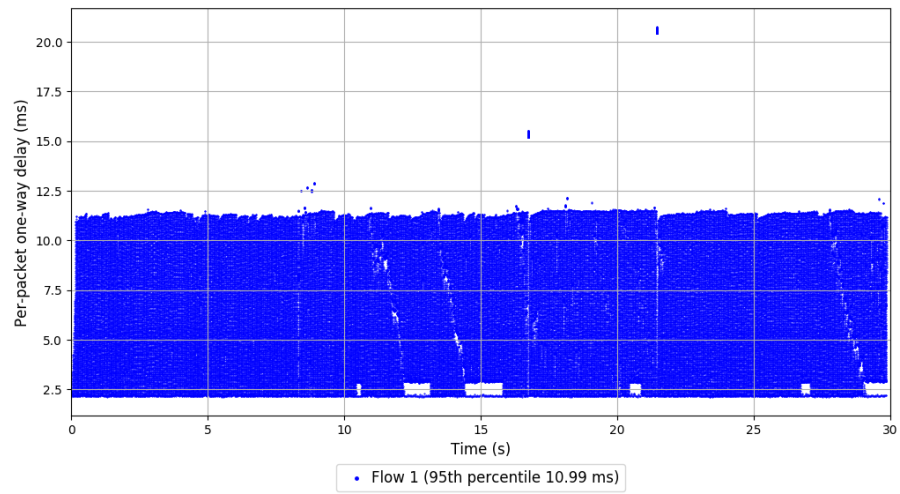
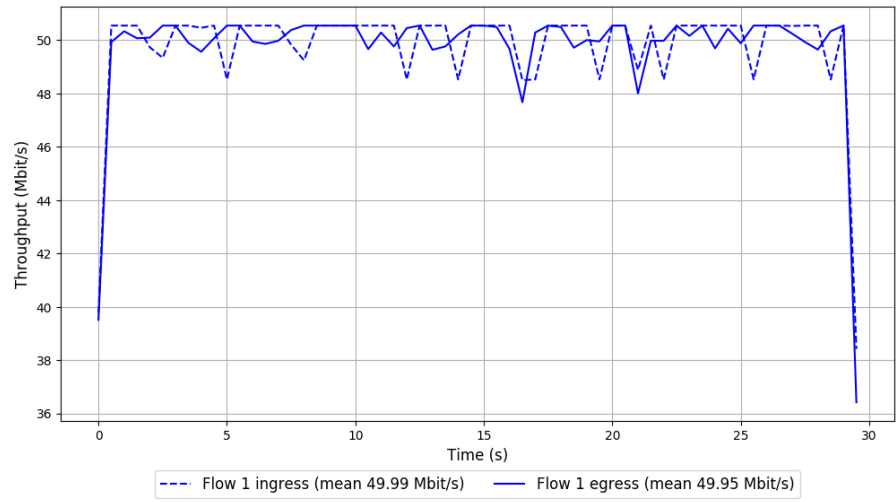
-- Flow 1:

Average throughput: 49.95 Mbit/s

95th percentile per-packet one-way delay: 10.987 ms

Loss rate: 0.07%

# Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

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

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

Local clock offset: -1.813 ms

Remote clock offset: -0.089 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.06 Mbit/s

95th percentile per-packet one-way delay: 11.022 ms

Loss rate: 0.06%

-- Flow 1:

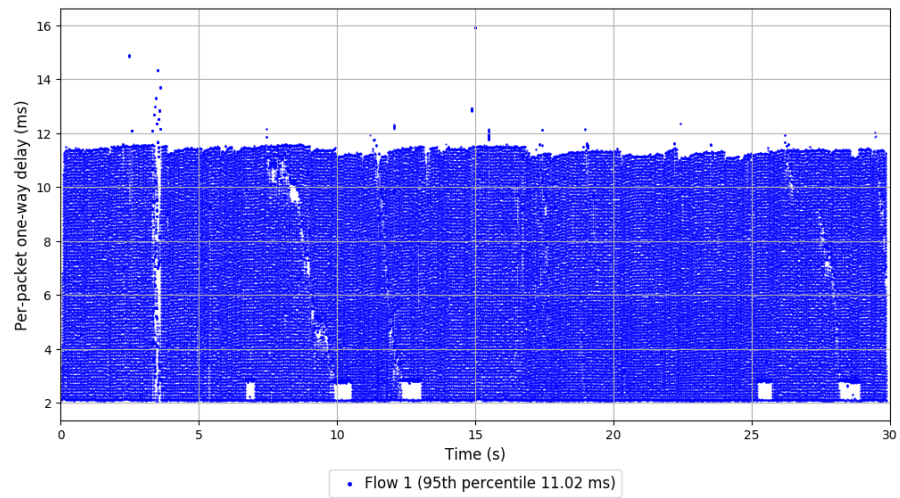
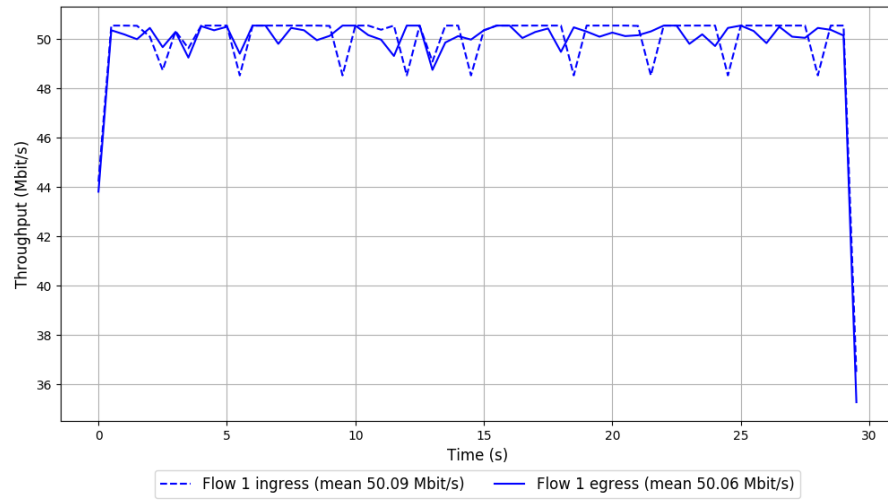
Average throughput: 50.06 Mbit/s

95th percentile per-packet one-way delay: 11.022 ms

Loss rate: 0.06%



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



Run 10: Statistics of Sprout

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

End at: Tue, 25 Jul 2017 01:27:57 +0000

Local clock offset: -1.846 ms

Remote clock offset: -0.191 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:32:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 11.078 ms

Loss rate: 0.00%

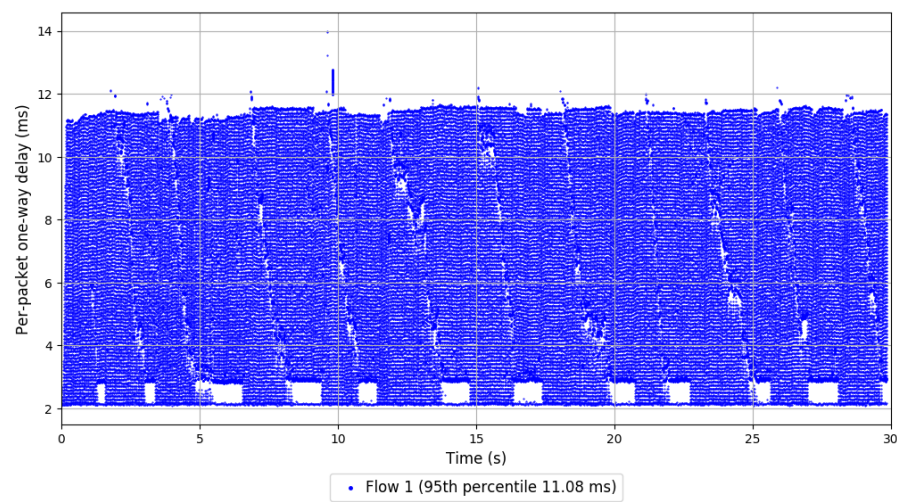
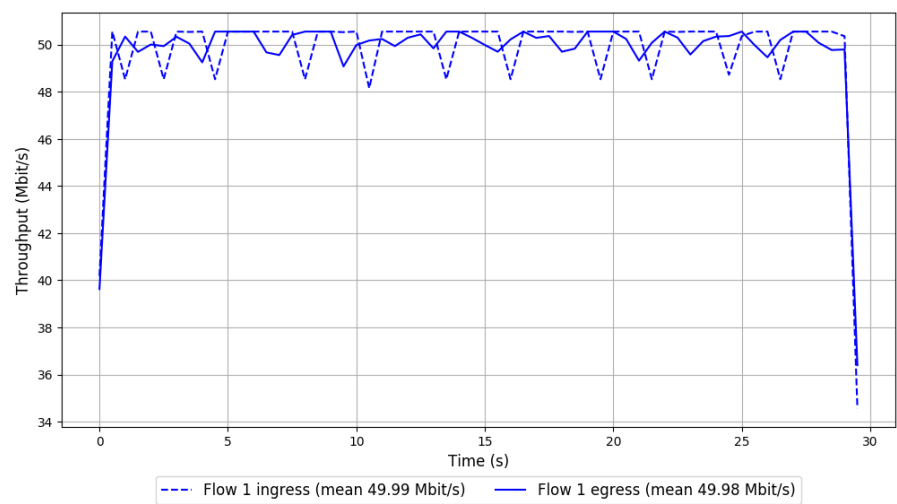
-- Flow 1:

Average throughput: 49.98 Mbit/s

95th percentile per-packet one-way delay: 11.078 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 22:59:13 +0000

End at: Mon, 24 Jul 2017 22:59:43 +0000

Local clock offset: -2.23 ms

Remote clock offset: 0.722 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.38 Mbit/s

95th percentile per-packet one-way delay: 3.411 ms

Loss rate: 0.02%

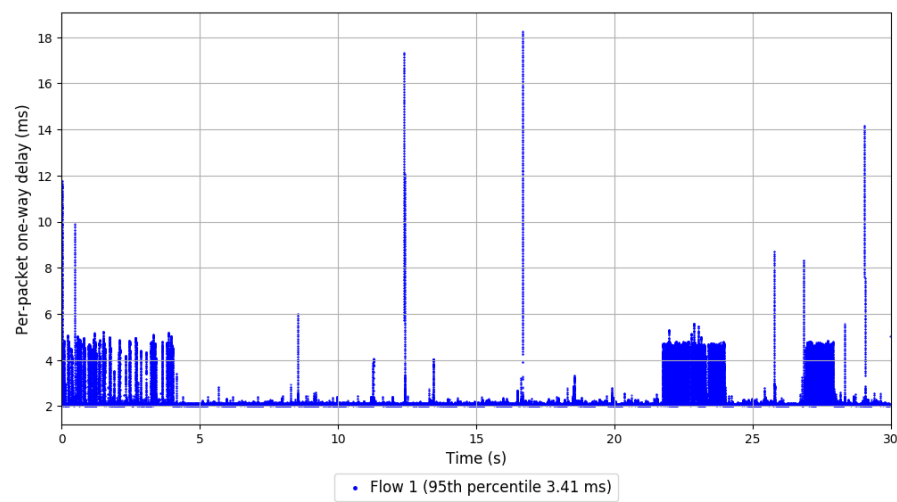
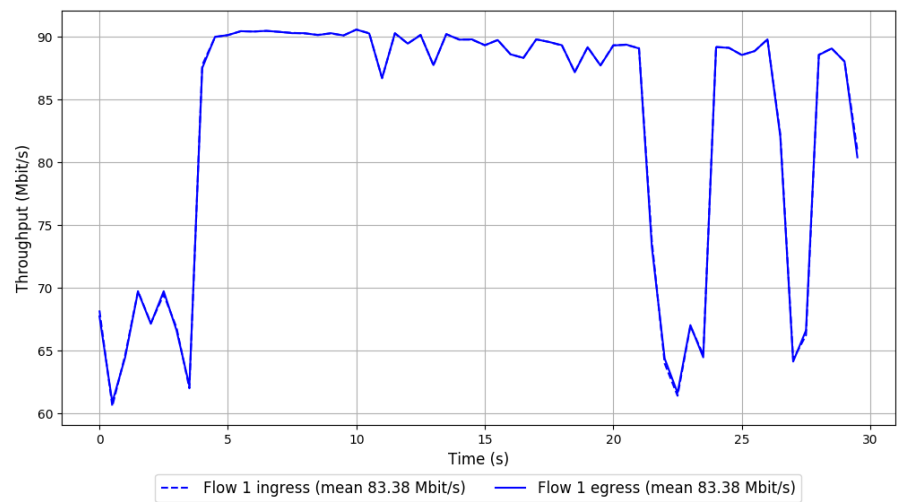
-- Flow 1:

Average throughput: 83.38 Mbit/s

95th percentile per-packet one-way delay: 3.411 ms

Loss rate: 0.02%

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



Run 2: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:16:15 +0000

End at: Mon, 24 Jul 2017 23:16:45 +0000

Local clock offset: -2.135 ms

Remote clock offset: 0.725 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: 2.205 ms

Loss rate: 0.01%

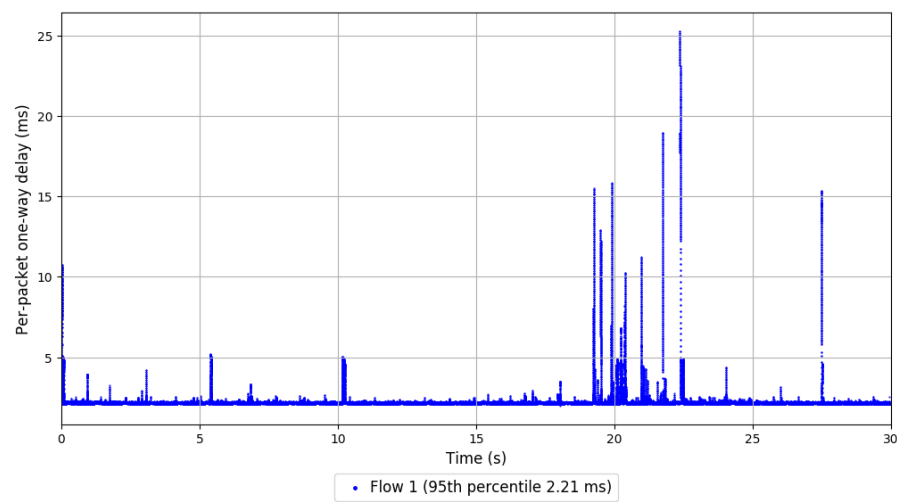
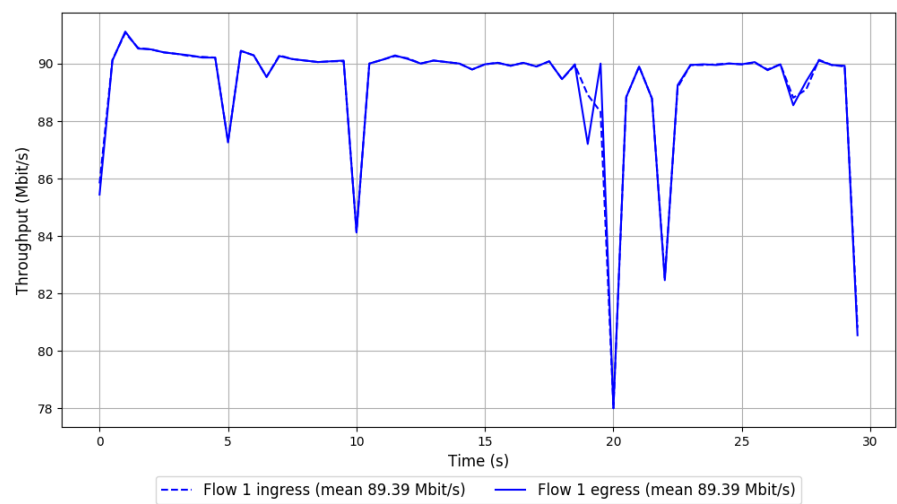
-- Flow 1:

Average throughput: 89.39 Mbit/s

95th percentile per-packet one-way delay: 2.205 ms

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: Mon, 24 Jul 2017 23:33:17 +0000

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

Local clock offset: -2.034 ms

Remote clock offset: 0.6 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.40 Mbit/s

95th percentile per-packet one-way delay: 2.208 ms

Loss rate: 0.02%

-- Flow 1:

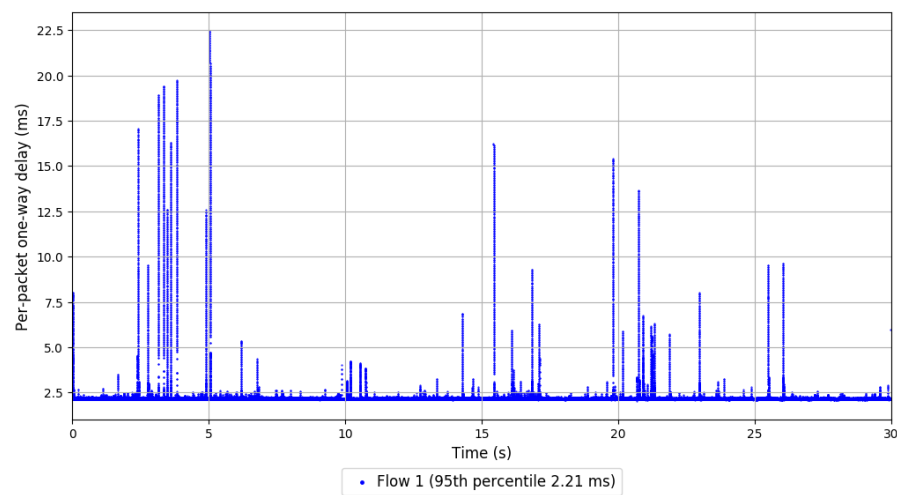
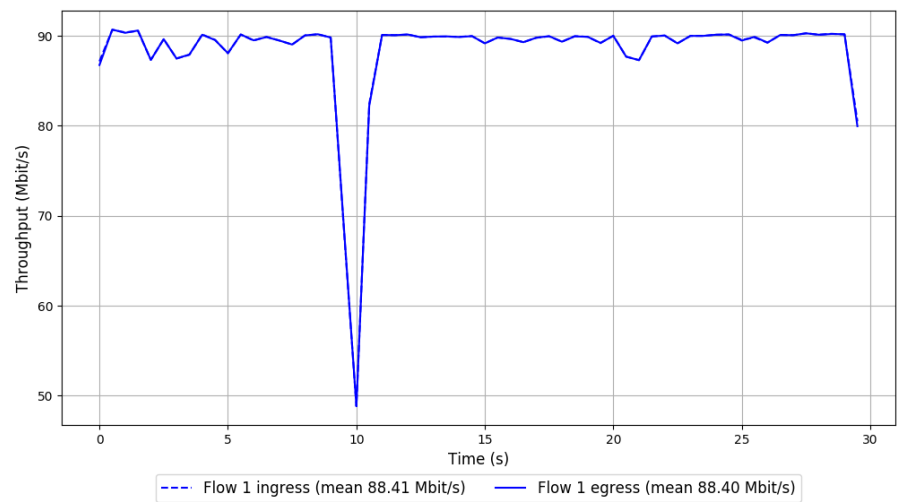
Average throughput: 88.40 Mbit/s

95th percentile per-packet one-way delay: 2.208 ms

Loss rate: 0.02%



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



Run 4: Statistics of TaoVA-100x

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

End at: Mon, 24 Jul 2017 23:50:43 +0000

Local clock offset: -1.878 ms

Remote clock offset: 0.5 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:33:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.84 Mbit/s

95th percentile per-packet one-way delay: 2.183 ms

Loss rate: 0.01%

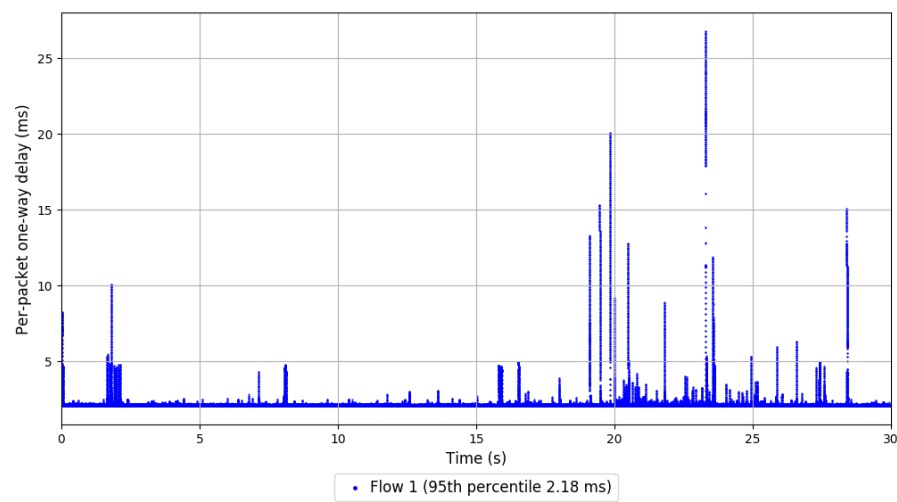
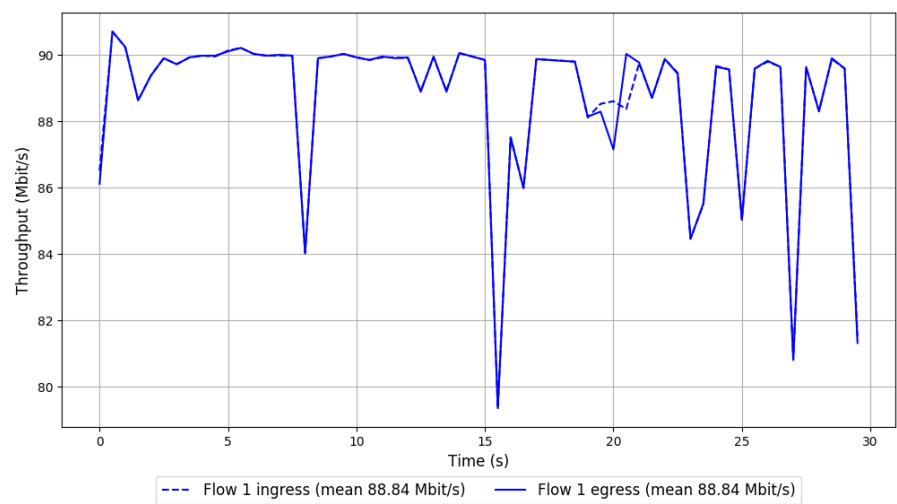
-- Flow 1:

Average throughput: 88.84 Mbit/s

95th percentile per-packet one-way delay: 2.183 ms

Loss rate: 0.01%

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



Run 5: Statistics of TaoVA-100x

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

End at: Tue, 25 Jul 2017 00:07:37 +0000

Local clock offset: -1.924 ms

Remote clock offset: 0.264 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 2.204 ms

Loss rate: 0.02%

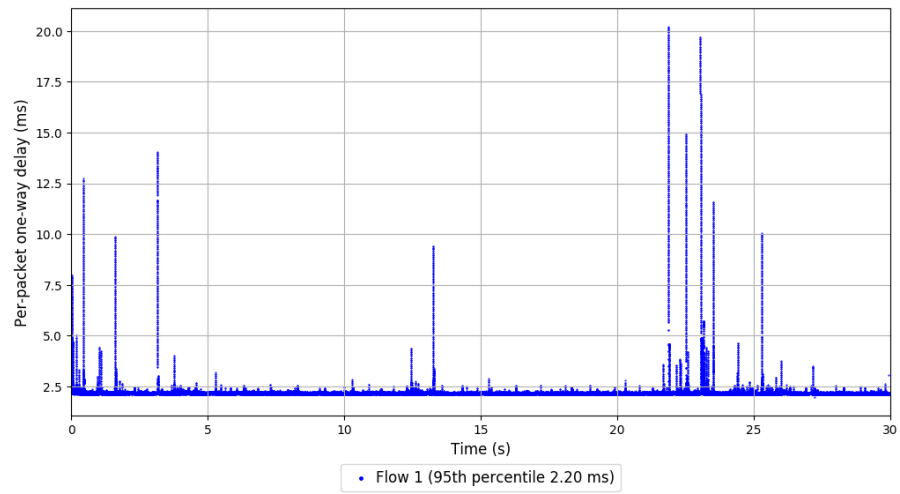
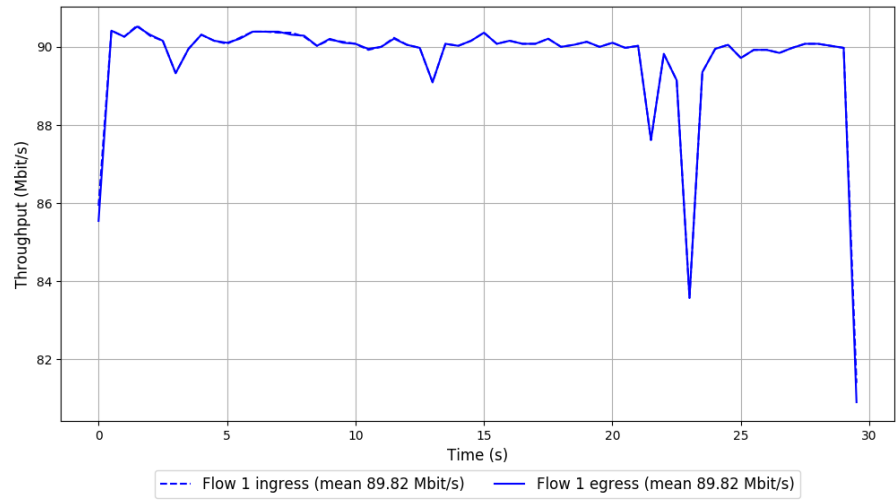
-- Flow 1:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 2.204 ms

Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:24:08 +0000

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

Local clock offset: -1.86 ms

Remote clock offset: 0.192 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.26 Mbit/s

95th percentile per-packet one-way delay: 2.177 ms

Loss rate: 0.01%

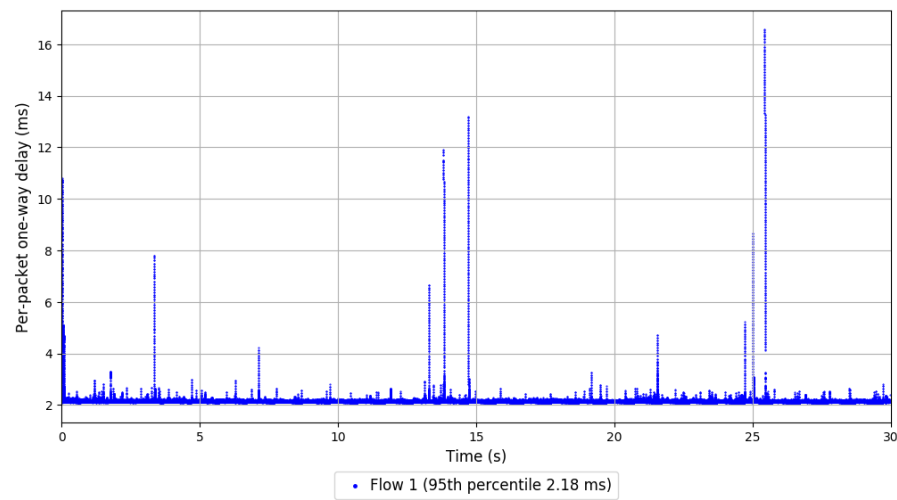
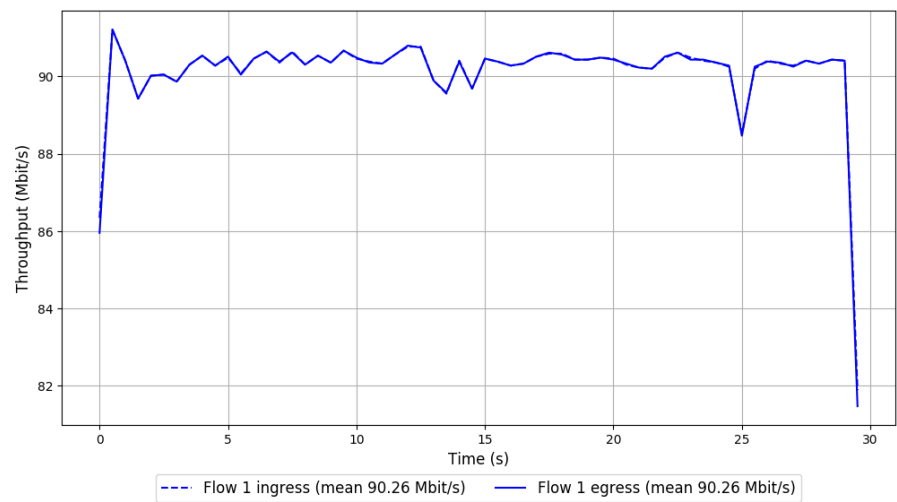
-- Flow 1:

Average throughput: 90.26 Mbit/s

95th percentile per-packet one-way delay: 2.177 ms

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:41:11 +0000

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

Local clock offset: -1.833 ms

Remote clock offset: 0.073 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.68 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

-- Flow 1:

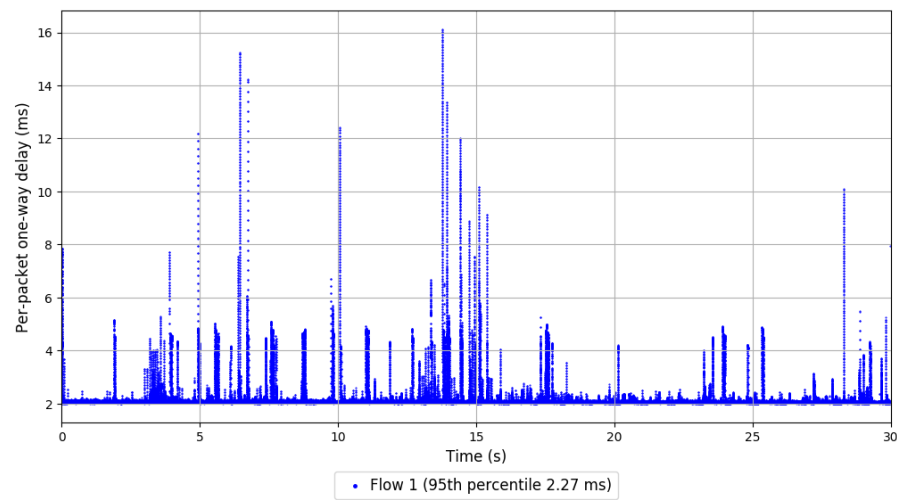
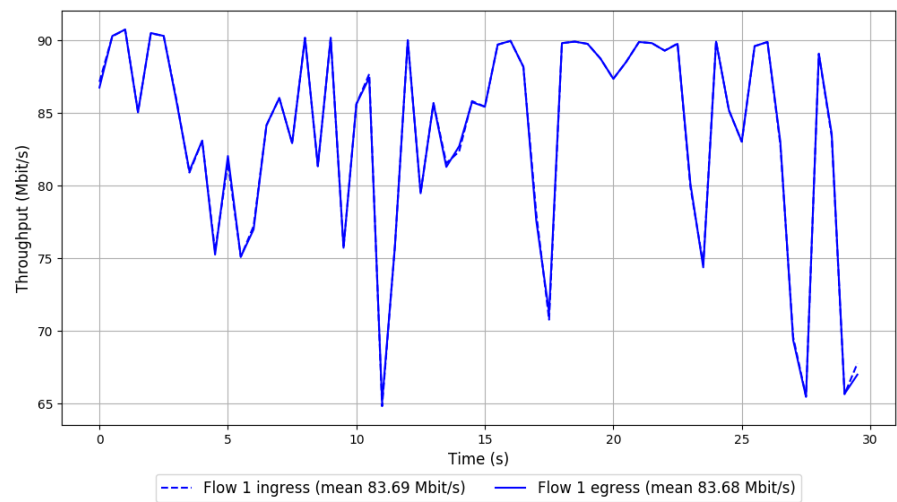
Average throughput: 83.68 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%



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



Run 8: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 00:58:05 +0000

End at: Tue, 25 Jul 2017 00:58:35 +0000

Local clock offset: -1.754 ms

Remote clock offset: 0.002 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.43 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 0.01%

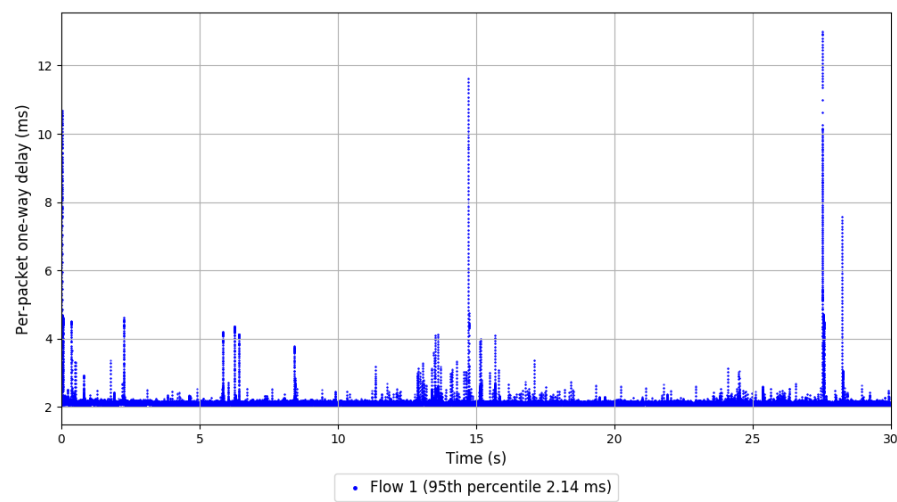
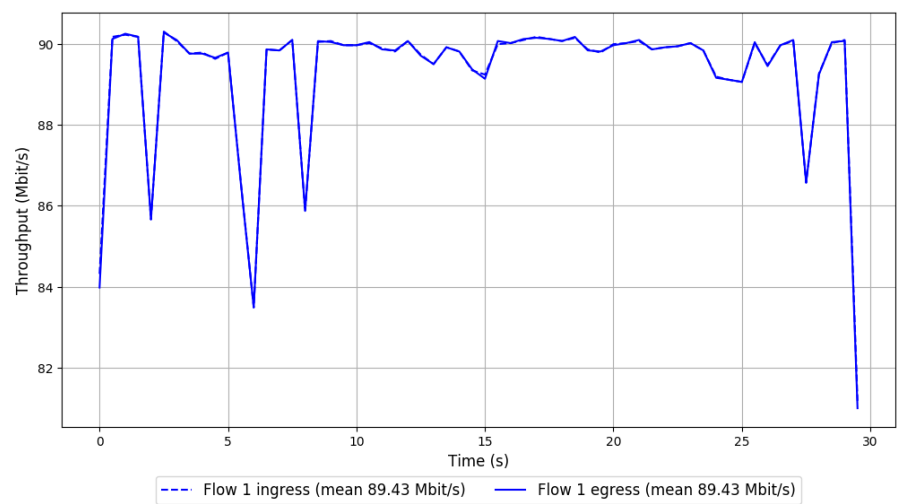
-- Flow 1:

Average throughput: 89.43 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 0.01%

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:14:59 +0000

End at: Tue, 25 Jul 2017 01:15:29 +0000

Local clock offset: -1.795 ms

Remote clock offset: -0.234 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:20 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 2.283 ms

Loss rate: 0.02%

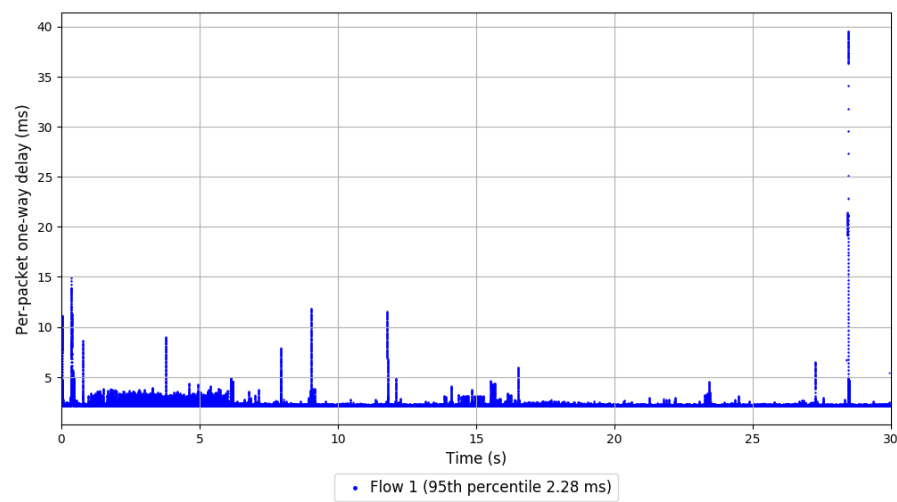
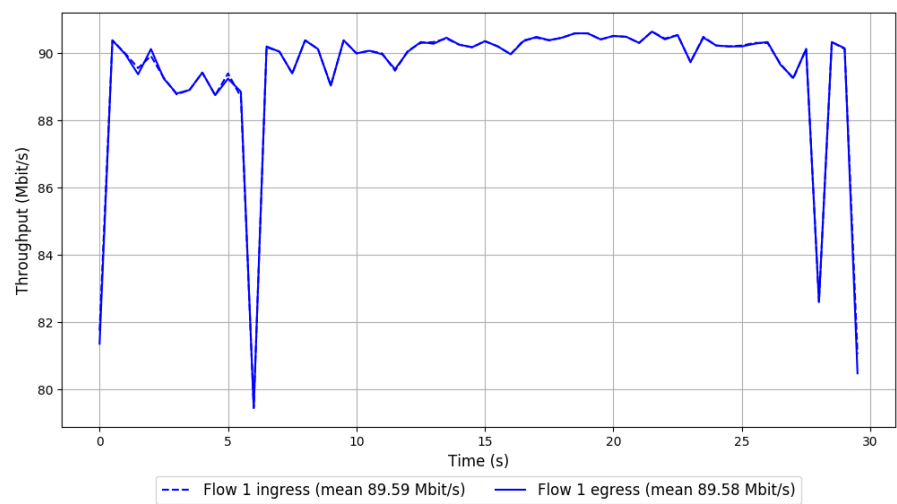
-- Flow 1:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 2.283 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 25 Jul 2017 01:32:02 +0000

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

Local clock offset: -1.951 ms

Remote clock offset: -0.225 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 2.163 ms

Loss rate: 0.01%

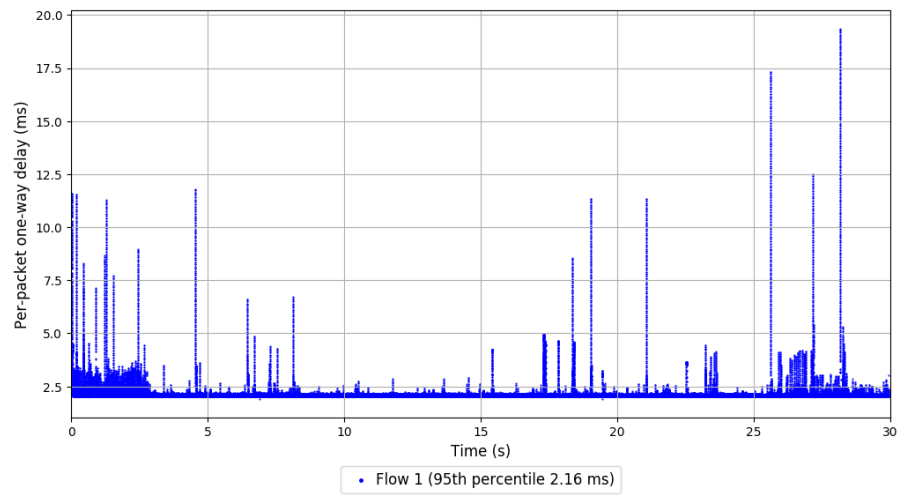
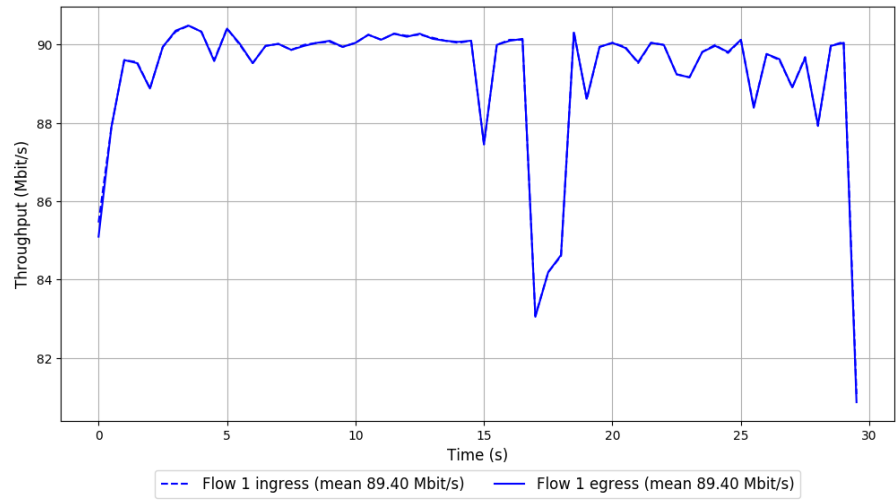
-- Flow 1:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 2.163 ms

Loss rate: 0.01%

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



Run 1: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:05:04 +0000

End at: Mon, 24 Jul 2017 23:05:34 +0000

Local clock offset: -2.212 ms

Remote clock offset: 0.618 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 3.357 ms

Loss rate: 0.02%

-- Flow 1:

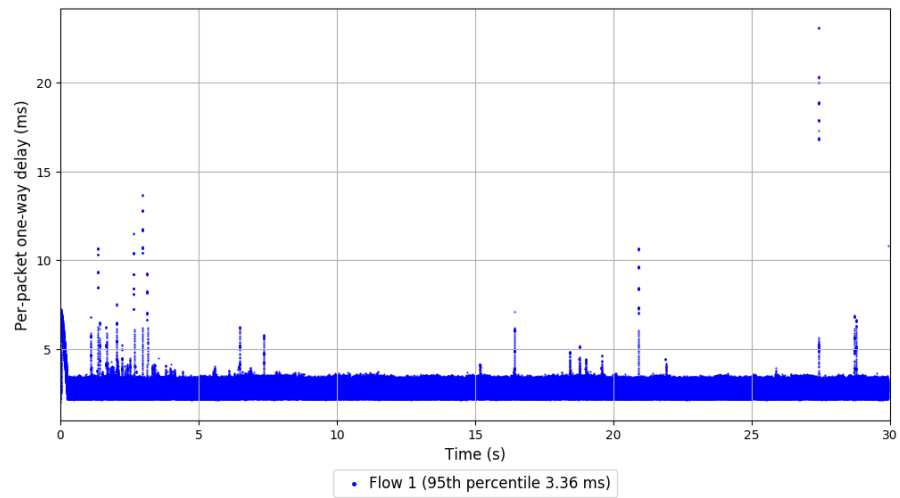
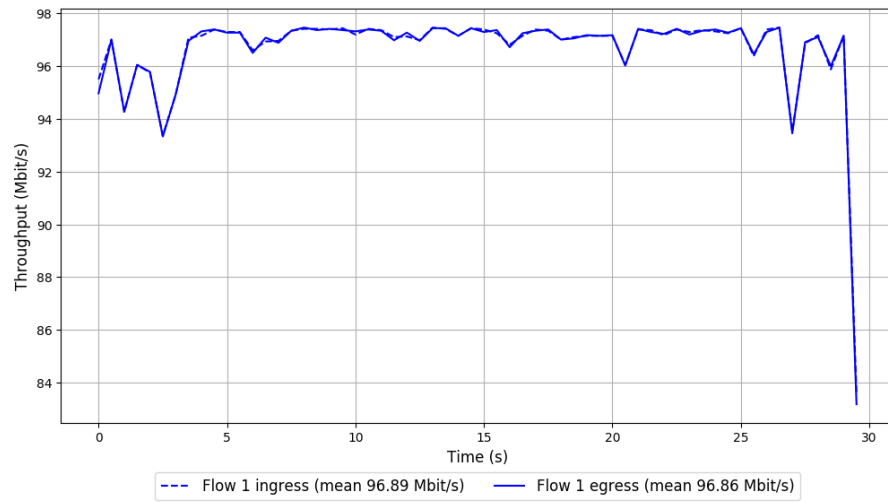
Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 3.357 ms

Loss rate: 0.02%



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



Run 2: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:22:00 +0000

End at: Mon, 24 Jul 2017 23:22:30 +0000

Local clock offset: -2.123 ms

Remote clock offset: 0.652 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.67 Mbit/s

95th percentile per-packet one-way delay: 3.429 ms

Loss rate: 0.01%

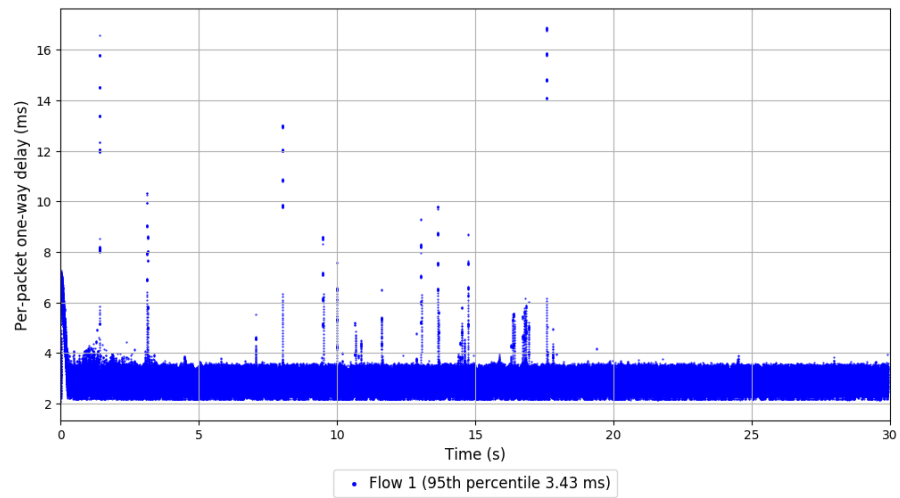
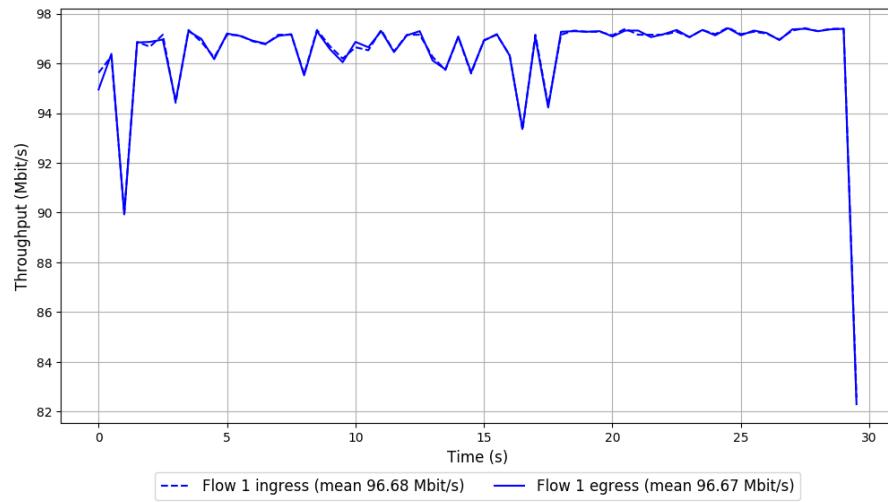
-- Flow 1:

Average throughput: 96.67 Mbit/s

95th percentile per-packet one-way delay: 3.429 ms

Loss rate: 0.01%

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



Run 3: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:39:02 +0000

End at: Mon, 24 Jul 2017 23:39:32 +0000

Local clock offset: -2.042 ms

Remote clock offset: 0.634 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 3.239 ms

Loss rate: 0.01%

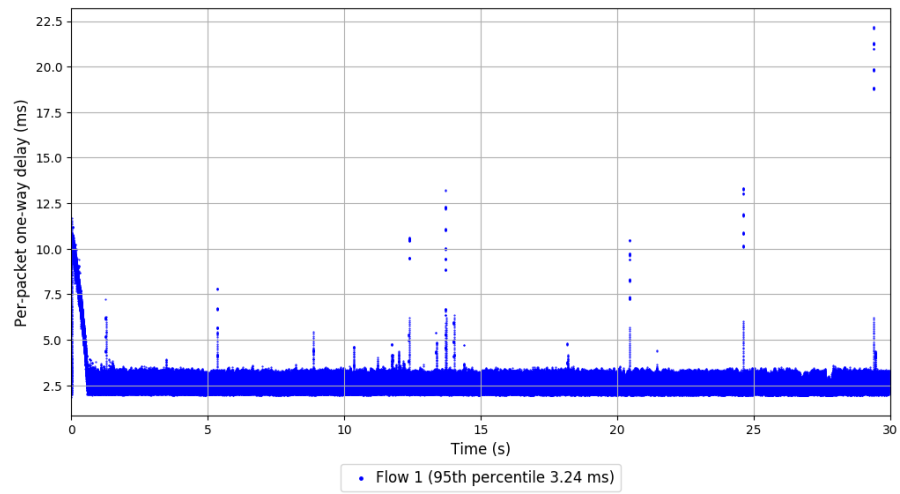
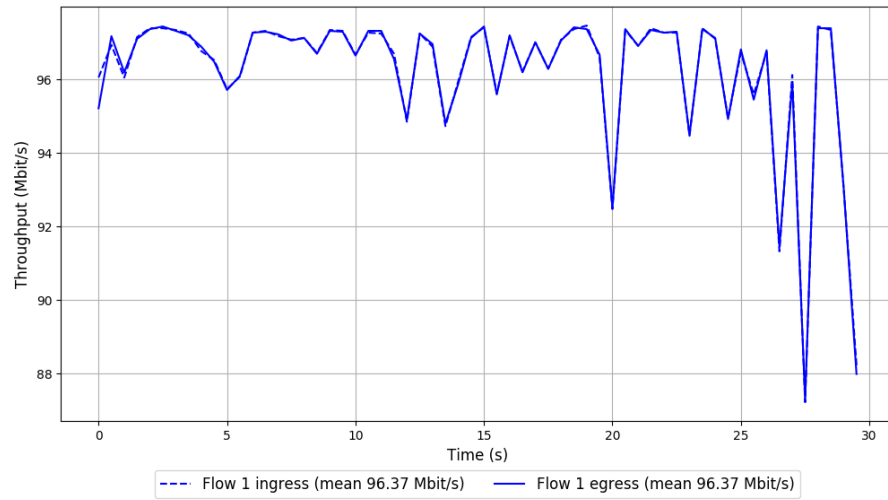
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 3.239 ms

Loss rate: 0.01%

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



Run 4: Statistics of TCP Vegas

Start at: Mon, 24 Jul 2017 23:55:56 +0000

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

Local clock offset: -1.93 ms

Remote clock offset: 0.455 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:34:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 3.250 ms

Loss rate: 0.02%

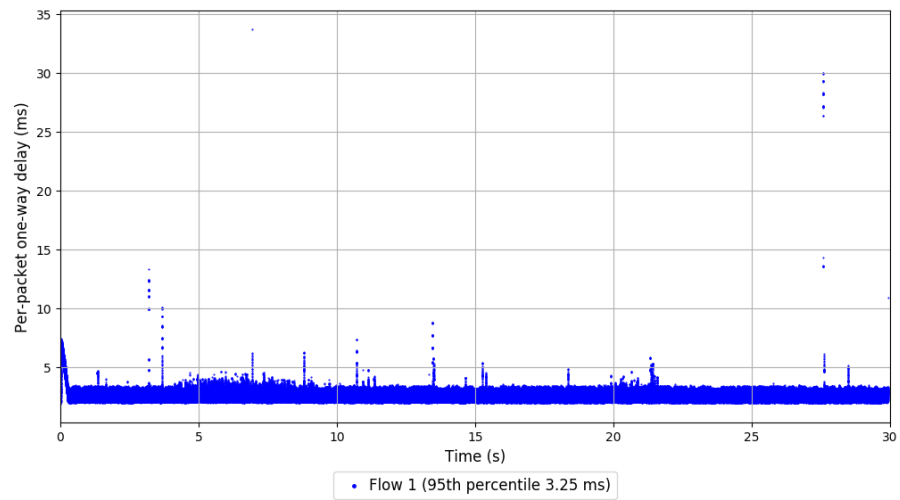
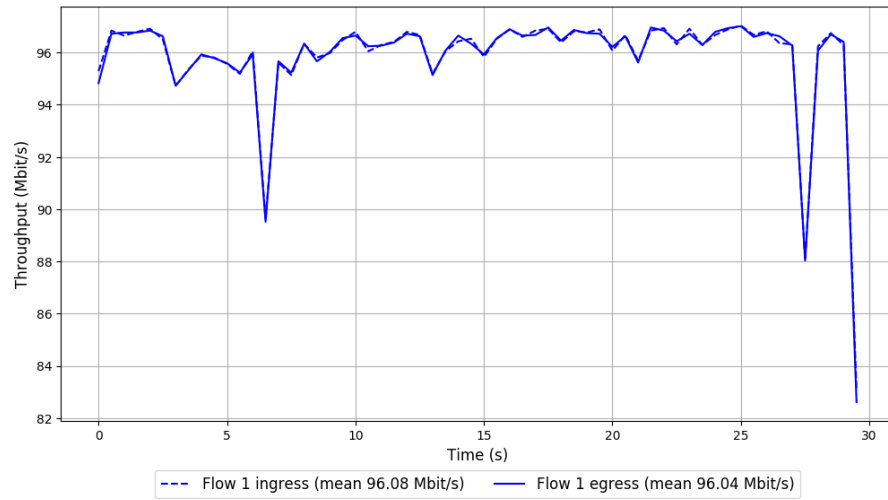
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 3.250 ms

Loss rate: 0.02%

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



Run 5: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:12:57 +0000

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

Local clock offset: -1.837 ms

Remote clock offset: 0.276 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.99 Mbit/s

95th percentile per-packet one-way delay: 3.546 ms

Loss rate: 0.02%

-- Flow 1:

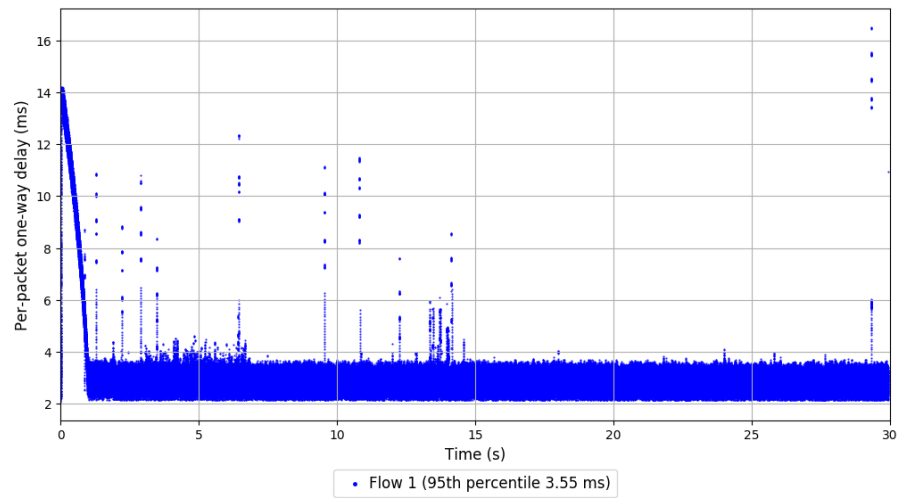
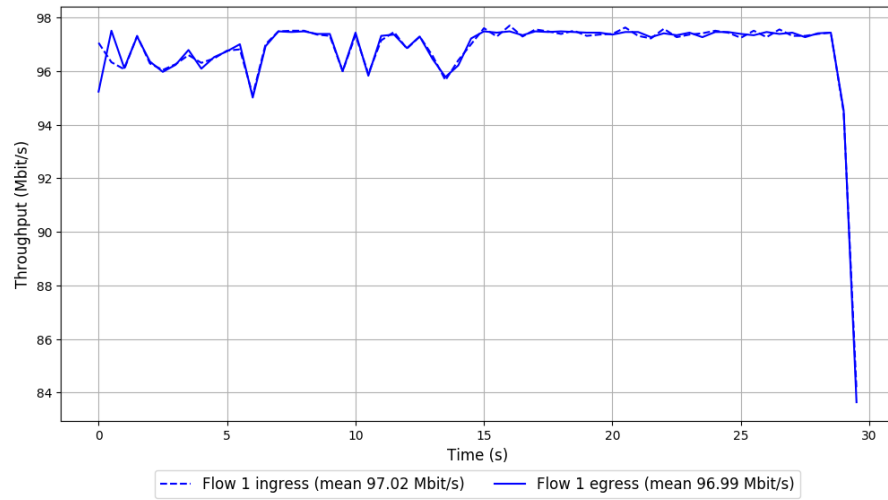
Average throughput: 96.99 Mbit/s

95th percentile per-packet one-way delay: 3.546 ms

Loss rate: 0.02%



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



Run 6: Statistics of TCP Vegas

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

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

Local clock offset: -1.789 ms

Remote clock offset: 0.153 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 3.602 ms

Loss rate: 0.01%

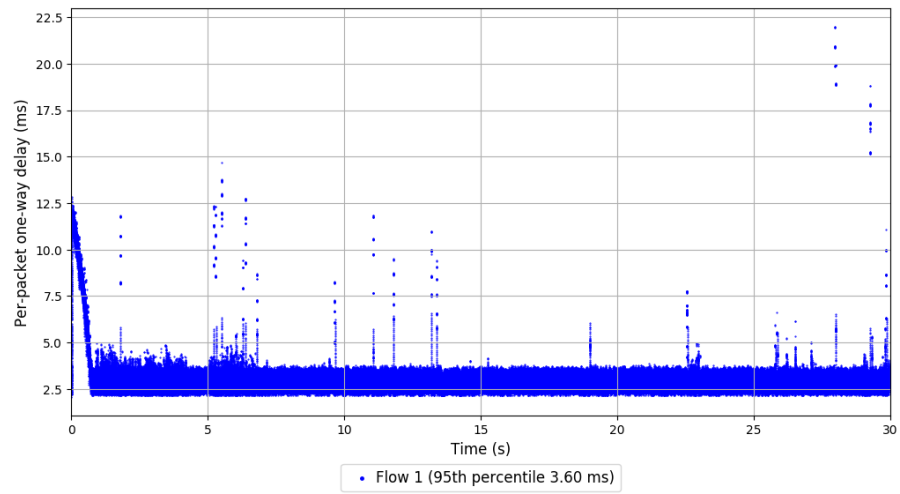
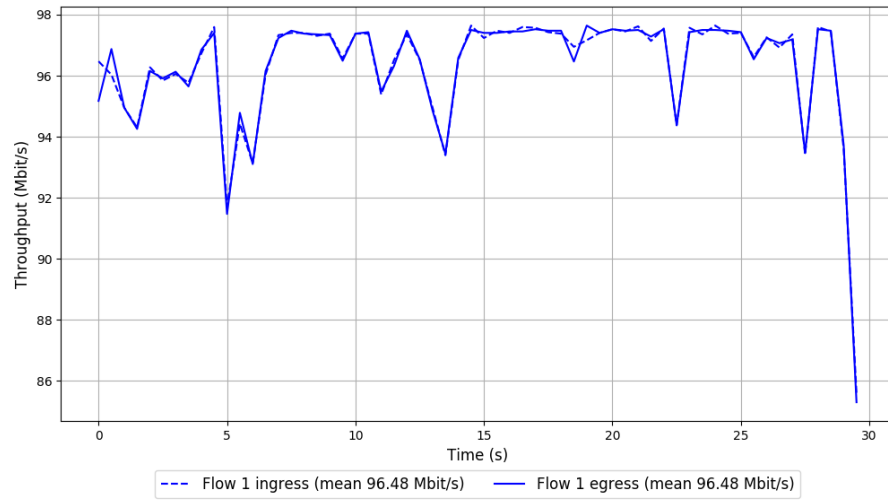
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 3.602 ms

Loss rate: 0.01%

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



Run 7: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 00:46:55 +0000

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

Local clock offset: -1.771 ms

Remote clock offset: 0.026 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 3.574 ms

Loss rate: 0.02%

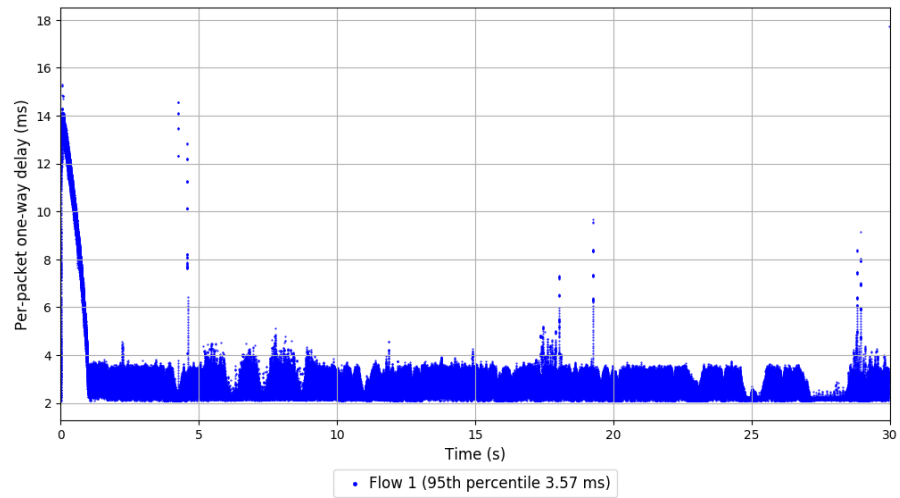
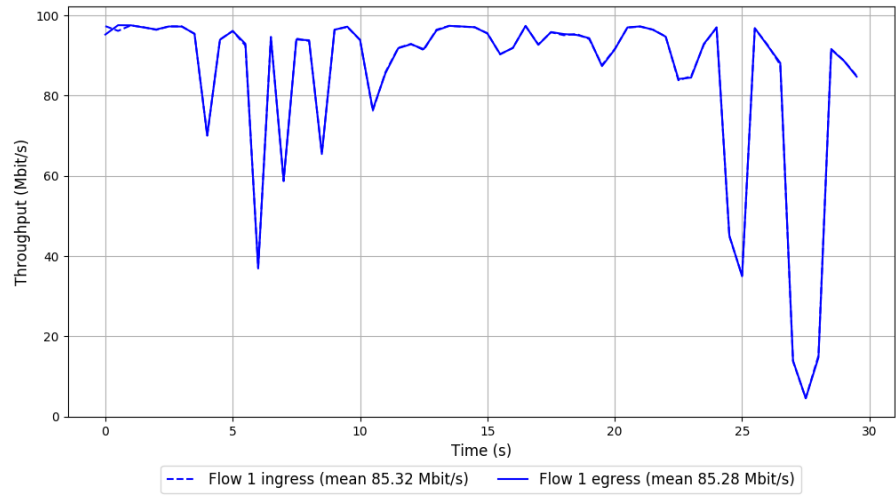
-- Flow 1:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 3.574 ms

Loss rate: 0.02%

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



Run 8: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:03:48 +0000

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

Local clock offset: -1.872 ms

Remote clock offset: -0.074 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 3.188 ms

Loss rate: 0.02%

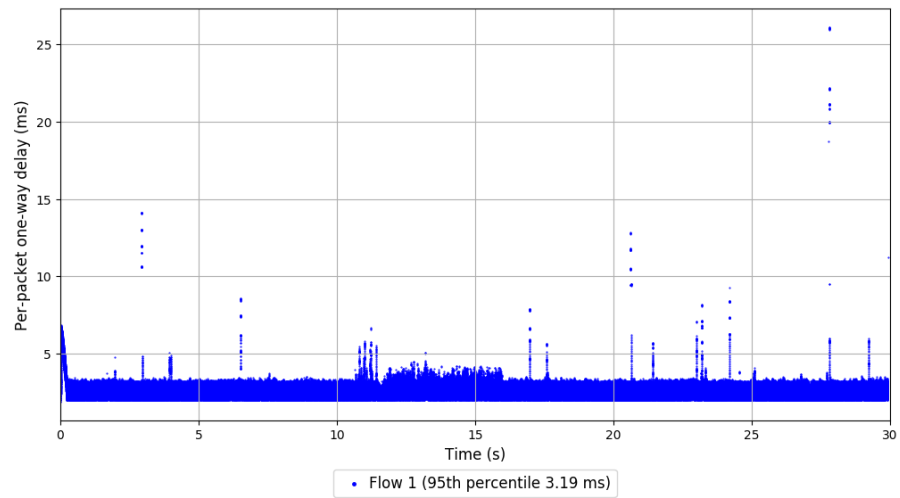
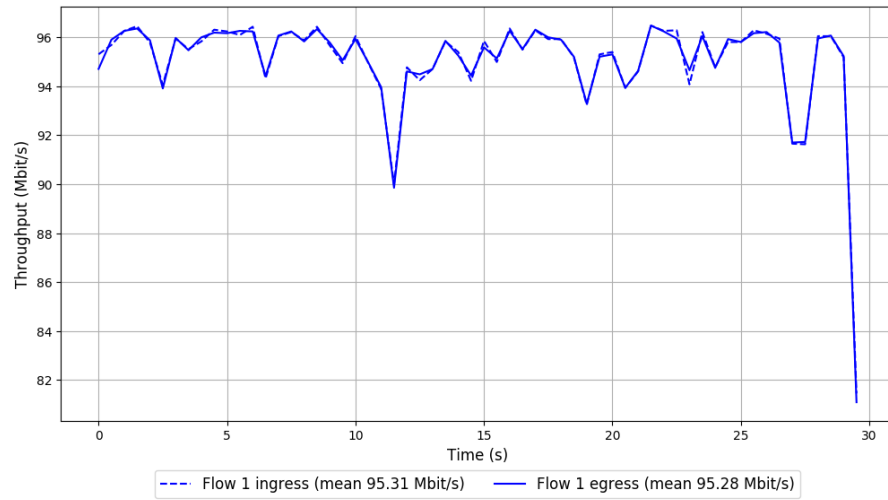
-- Flow 1:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 3.188 ms

Loss rate: 0.02%

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



Run 9: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:20:44 +0000

End at: Tue, 25 Jul 2017 01:21:14 +0000

Local clock offset: -1.898 ms

Remote clock offset: -0.18 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 3.304 ms

Loss rate: 0.02%

-- Flow 1:

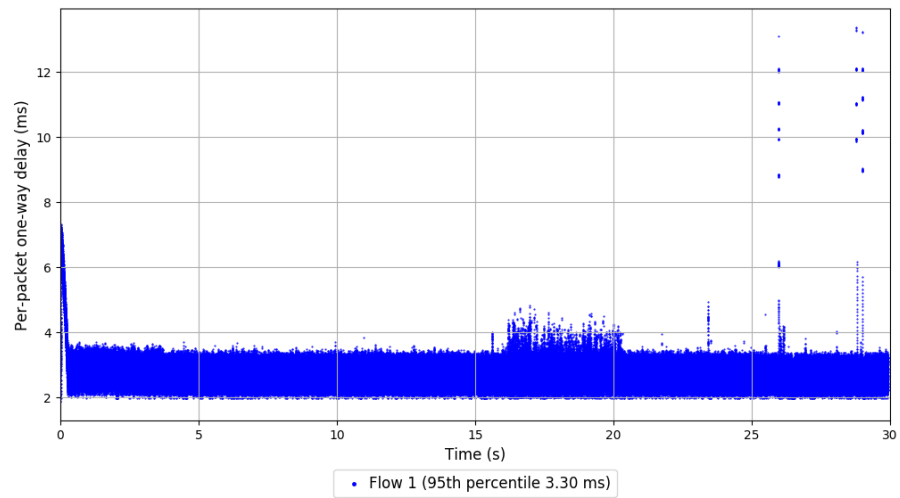
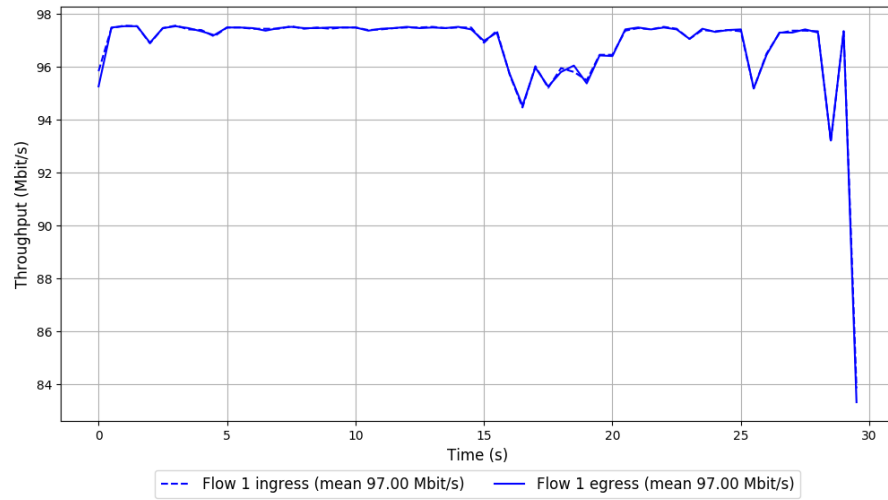
Average throughput: 97.00 Mbit/s

95th percentile per-packet one-way delay: 3.304 ms

Loss rate: 0.02%



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



Run 10: Statistics of TCP Vegas

Start at: Tue, 25 Jul 2017 01:37:47 +0000

End at: Tue, 25 Jul 2017 01:38:17 +0000

Local clock offset: -1.931 ms

Remote clock offset: -0.222 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 3.424 ms

Loss rate: 0.02%

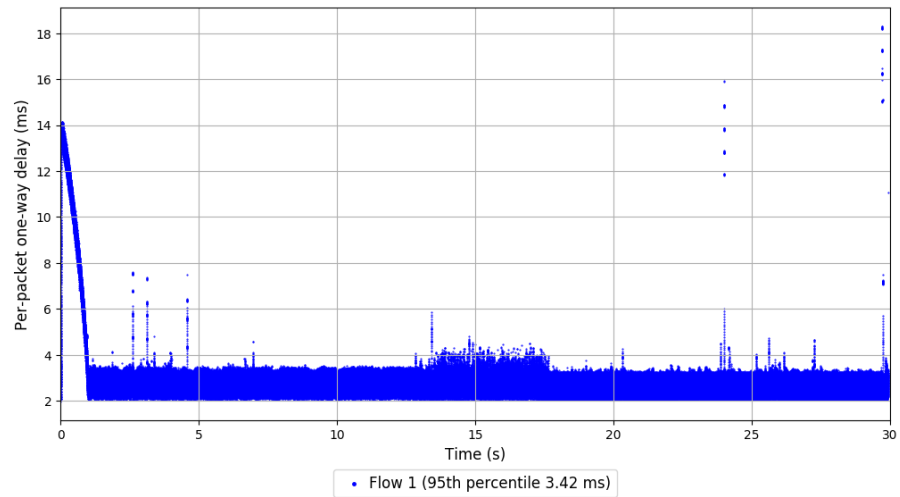
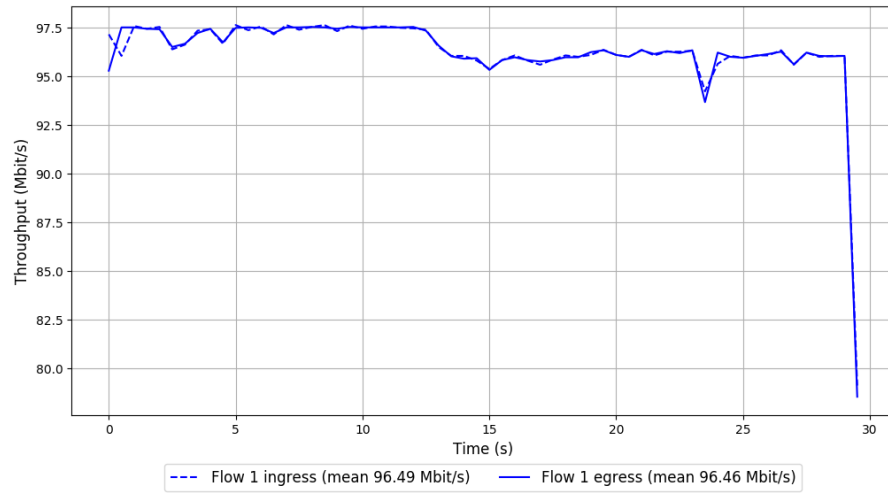
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 3.424 ms

Loss rate: 0.02%

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



Run 1: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:00:25 +0000

End at: Mon, 24 Jul 2017 23:00:55 +0000

Local clock offset: -2.199 ms

Remote clock offset: 0.65 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:39 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.17 Mbit/s

95th percentile per-packet one-way delay: 9.552 ms

Loss rate: 0.02%

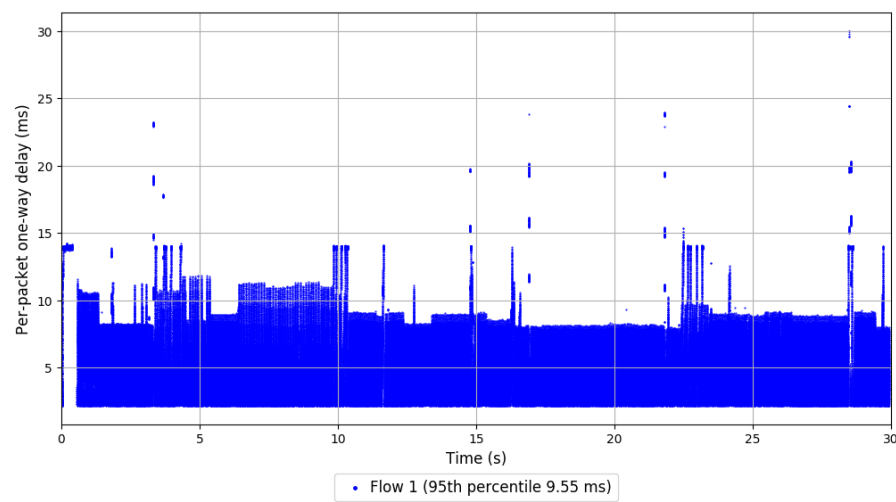
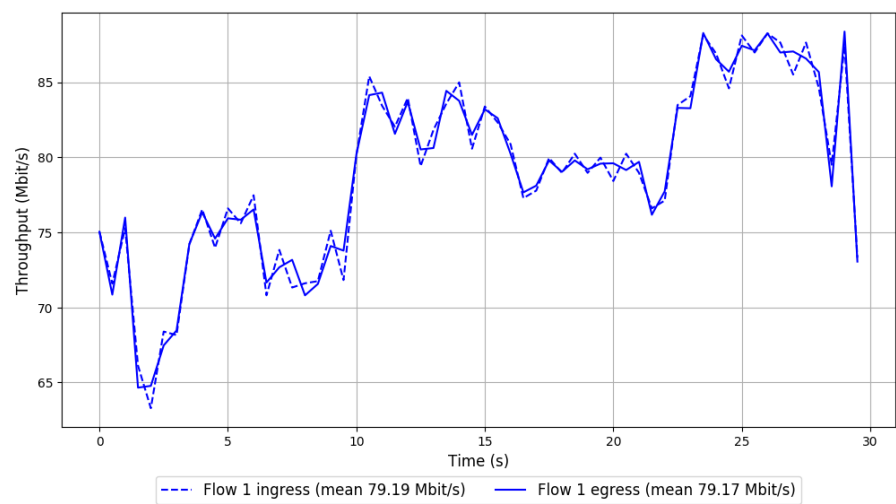
-- Flow 1:

Average throughput: 79.17 Mbit/s

95th percentile per-packet one-way delay: 9.552 ms

Loss rate: 0.02%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:17:27 +0000

End at: Mon, 24 Jul 2017 23:17:57 +0000

Local clock offset: -2.126 ms

Remote clock offset: 0.69 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 14.021 ms

Loss rate: 0.05%

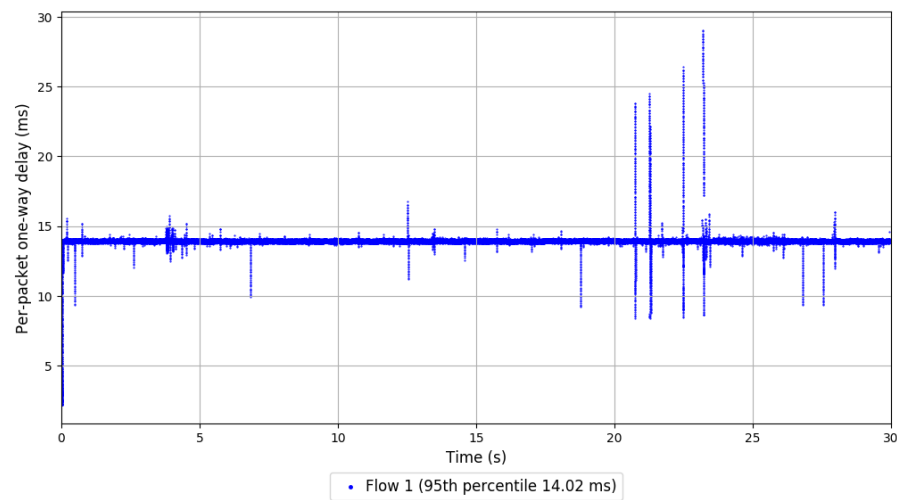
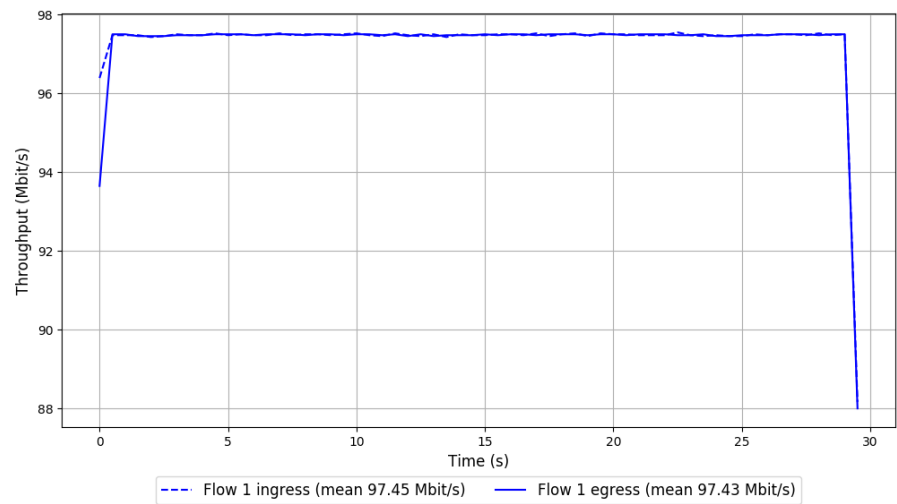
-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 14.021 ms

Loss rate: 0.05%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:34:29 +0000

End at: Mon, 24 Jul 2017 23:35:00 +0000

Local clock offset: -2.067 ms

Remote clock offset: 0.594 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:35:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 11.001 ms

Loss rate: 0.02%

-- Flow 1:

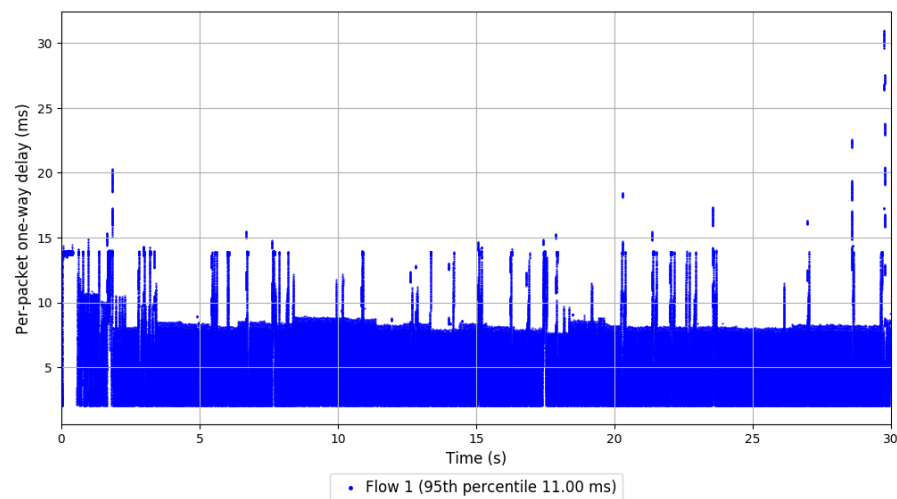
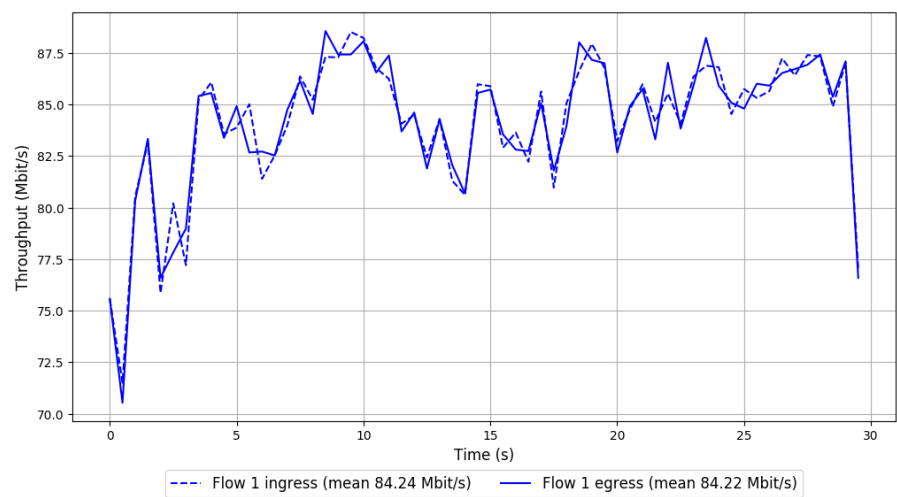
Average throughput: 84.22 Mbit/s

95th percentile per-packet one-way delay: 11.001 ms

Loss rate: 0.02%



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Mon, 24 Jul 2017 23:51:26 +0000

End at: Mon, 24 Jul 2017 23:51:56 +0000

Local clock offset: -1.904 ms

Remote clock offset: 0.475 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.10 Mbit/s

95th percentile per-packet one-way delay: 10.097 ms

Loss rate: 0.04%

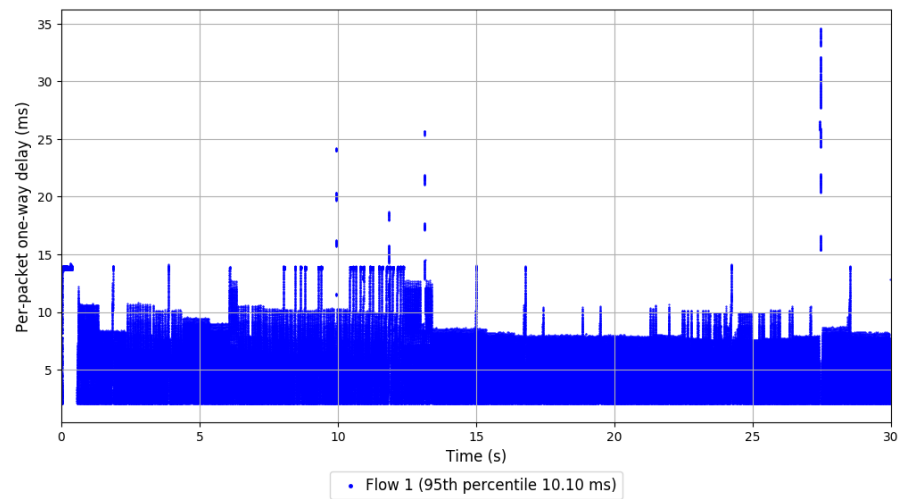
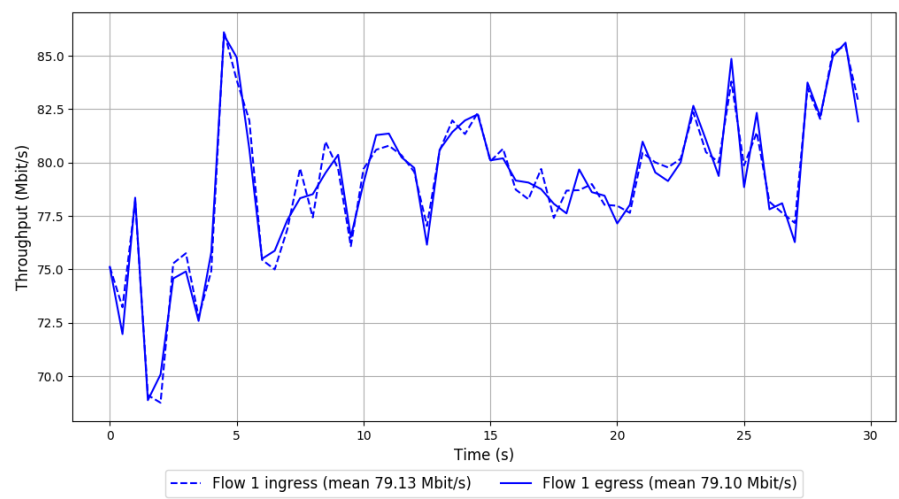
-- Flow 1:

Average throughput: 79.10 Mbit/s

95th percentile per-packet one-way delay: 10.097 ms

Loss rate: 0.04%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:08:20 +0000

End at: Tue, 25 Jul 2017 00:08:50 +0000

Local clock offset: -1.858 ms

Remote clock offset: 0.274 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 9.585 ms

Loss rate: 0.03%

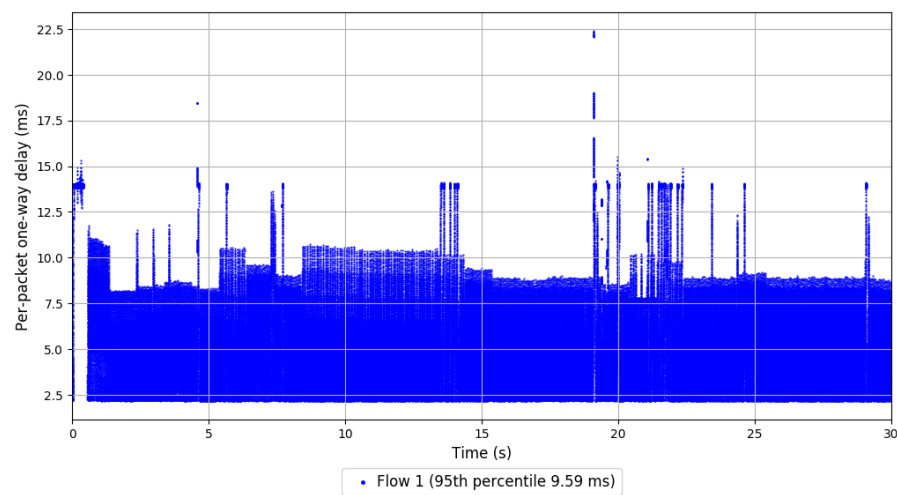
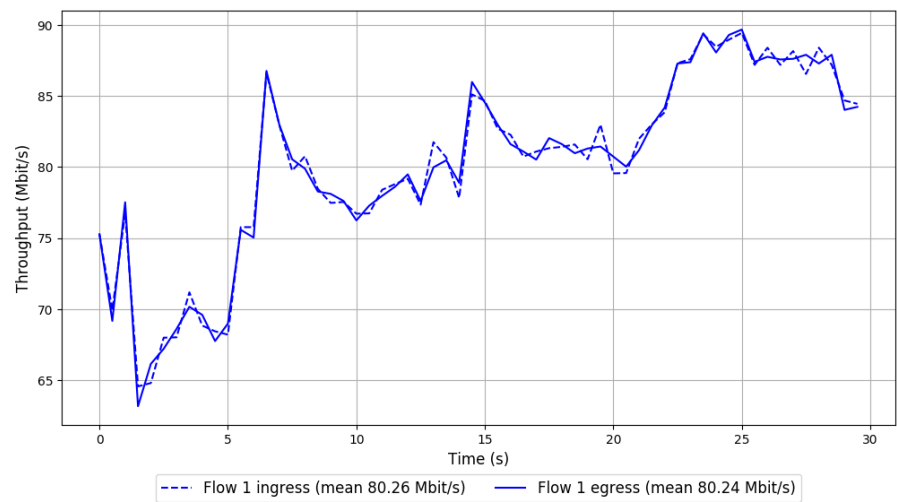
-- Flow 1:

Average throughput: 80.24 Mbit/s

95th percentile per-packet one-way delay: 9.585 ms

Loss rate: 0.03%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

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

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

Local clock offset: -1.849 ms

Remote clock offset: 0.18 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.53 Mbit/s

95th percentile per-packet one-way delay: 8.857 ms

Loss rate: 0.02%

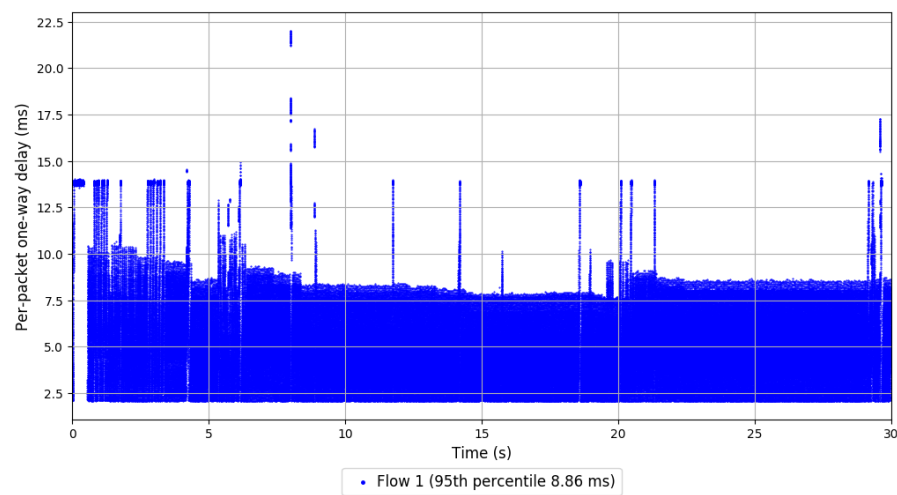
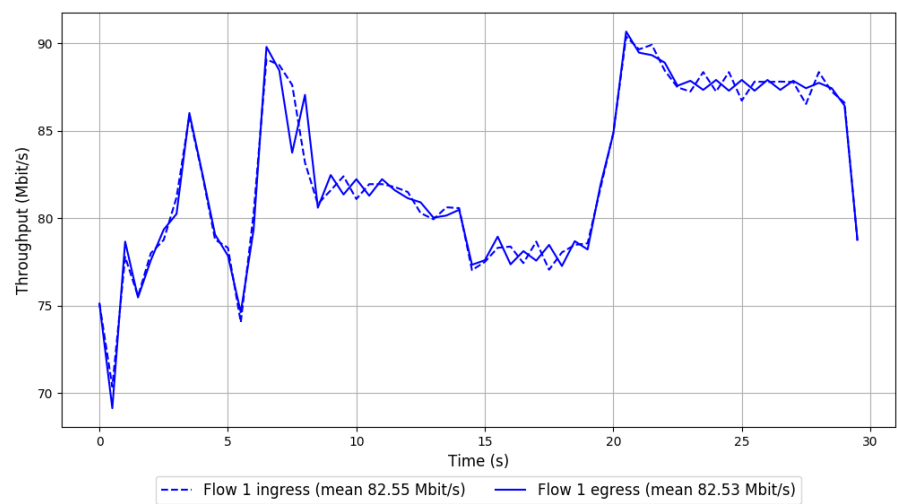
-- Flow 1:

Average throughput: 82.53 Mbit/s

95th percentile per-packet one-way delay: 8.857 ms

Loss rate: 0.02%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:42:23 +0000

End at: Tue, 25 Jul 2017 00:42:53 +0000

Local clock offset: -1.74 ms

Remote clock offset: 0.086 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.13 Mbit/s

95th percentile per-packet one-way delay: 12.756 ms

Loss rate: 0.04%

-- Flow 1:

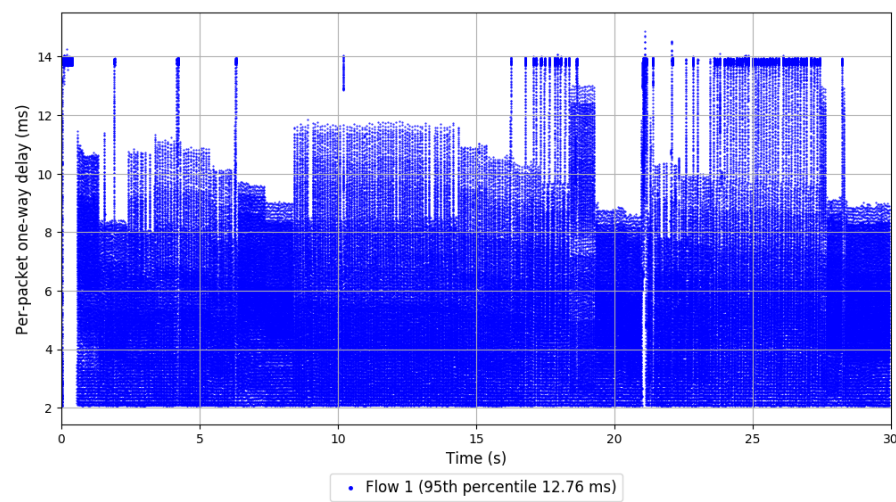
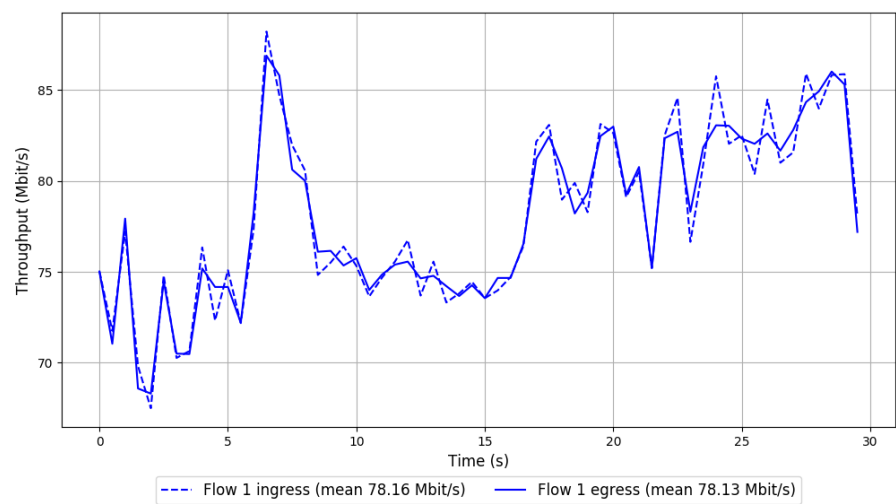
Average throughput: 78.13 Mbit/s

95th percentile per-packet one-way delay: 12.756 ms

Loss rate: 0.04%



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Tue, 25 Jul 2017 00:59:18 +0000

End at: Tue, 25 Jul 2017 00:59:48 +0000

Local clock offset: -1.748 ms

Remote clock offset: -0.047 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.54 Mbit/s

95th percentile per-packet one-way delay: 9.386 ms

Loss rate: 0.04%

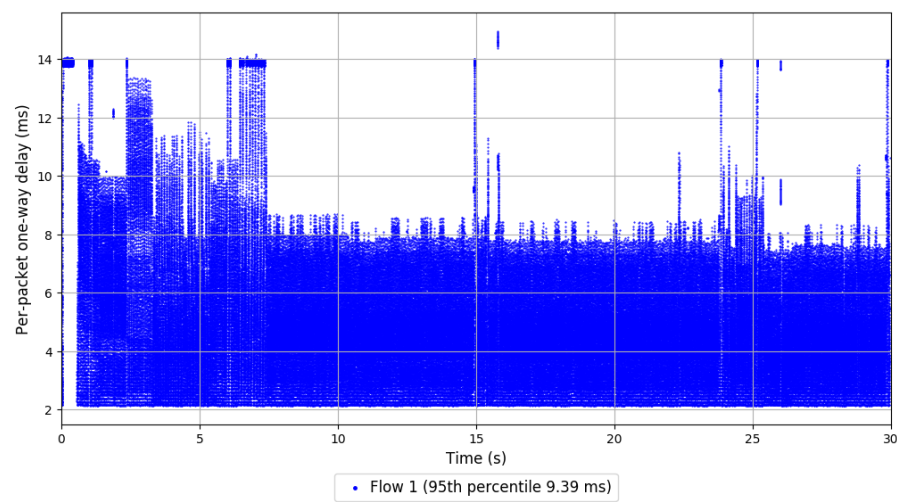
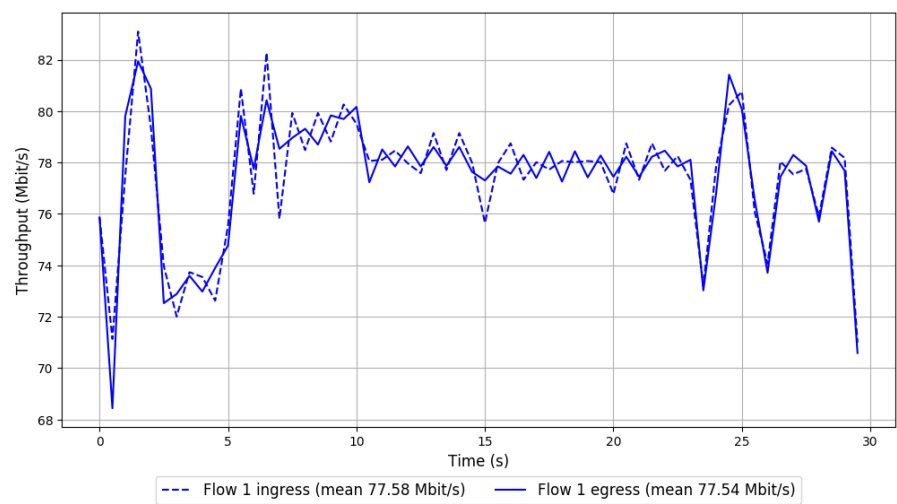
-- Flow 1:

Average throughput: 77.54 Mbit/s

95th percentile per-packet one-way delay: 9.386 ms

Loss rate: 0.04%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:16:12 +0000

End at: Tue, 25 Jul 2017 01:16:42 +0000

Local clock offset: -1.821 ms

Remote clock offset: -0.17 ms

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

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.55 Mbit/s

95th percentile per-packet one-way delay: 8.704 ms

Loss rate: 0.02%

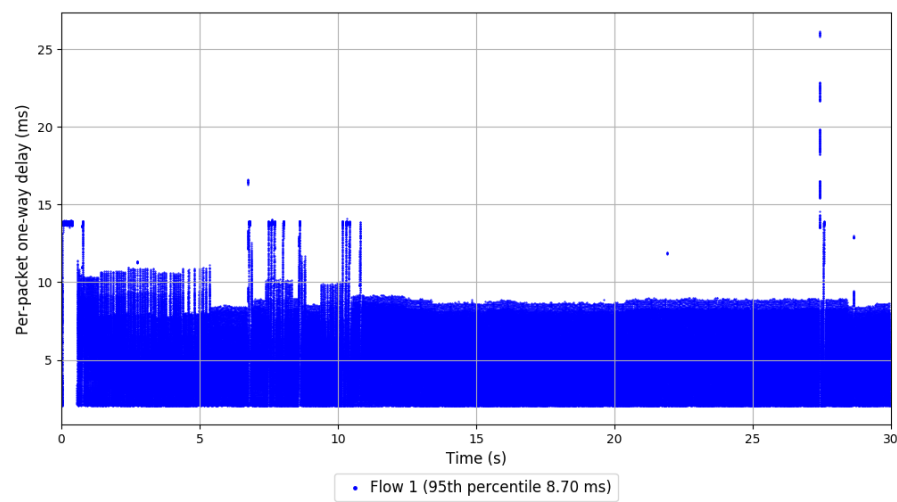
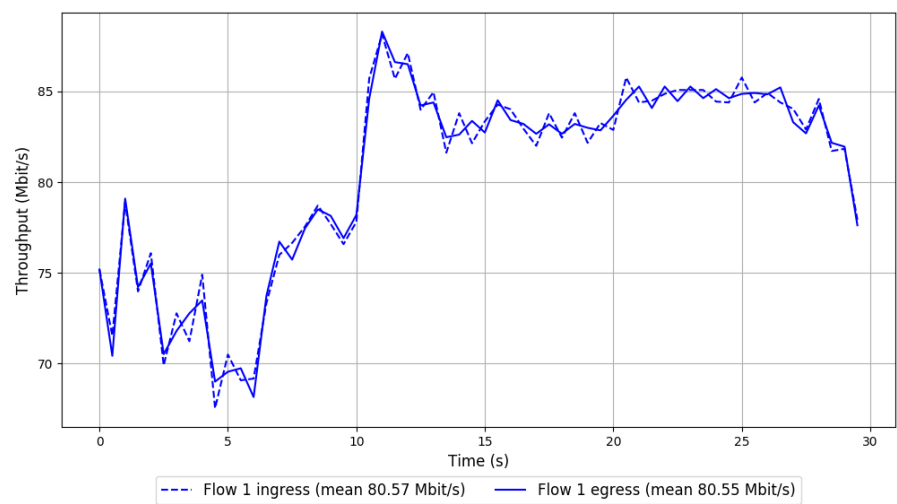
-- Flow 1:

Average throughput: 80.55 Mbit/s

95th percentile per-packet one-way delay: 8.704 ms

Loss rate: 0.02%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 25 Jul 2017 01:33:14 +0000

End at: Tue, 25 Jul 2017 01:33:44 +0000

Local clock offset: -1.976 ms

Remote clock offset: -0.258 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 8.711 ms

Loss rate: 0.02%

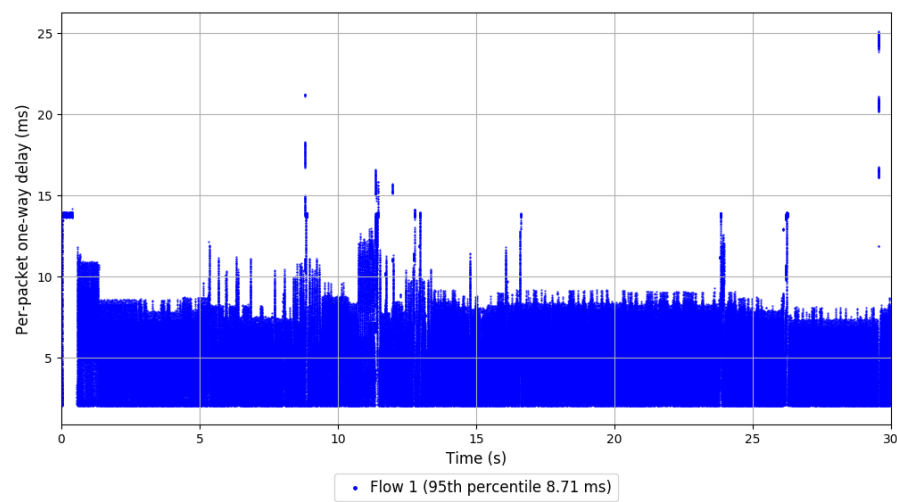
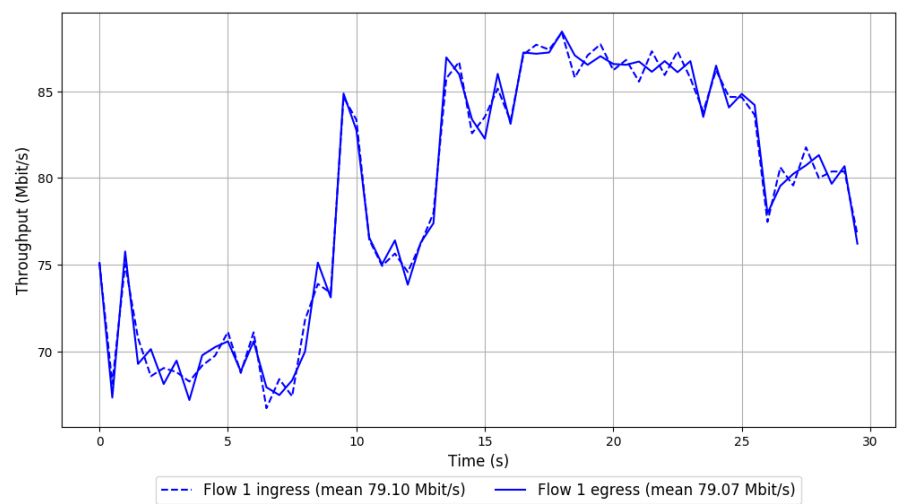
-- Flow 1:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 8.711 ms

Loss rate: 0.02%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Mon, 24 Jul 2017 23:06:13 +0000

End at: Mon, 24 Jul 2017 23:06:43 +0000

Local clock offset: -2.306 ms

Remote clock offset: 0.674 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 2.560 ms

Loss rate: 0.00%

-- Flow 1:

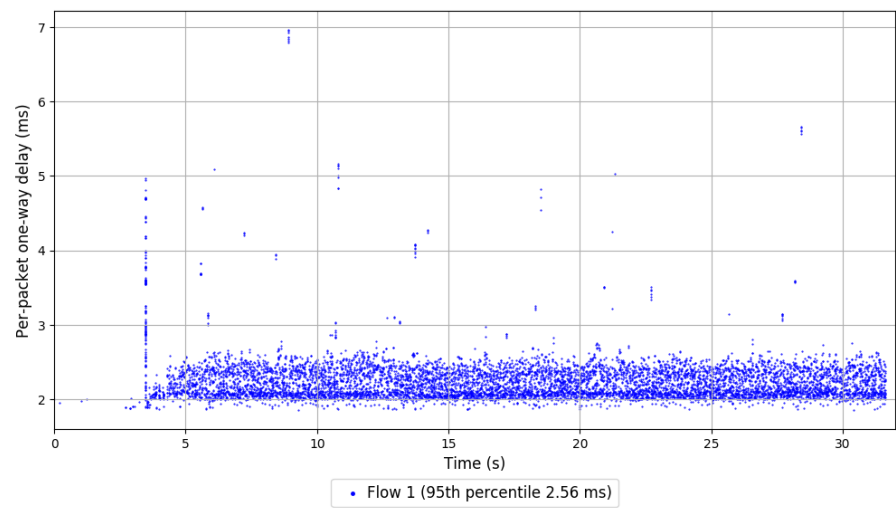
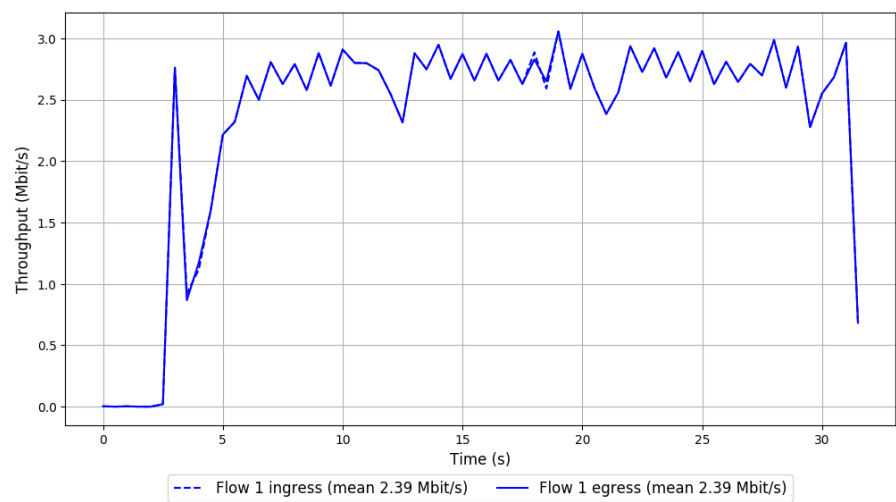
Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 2.560 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 23:23:09 +0000

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

Local clock offset: -2.196 ms

Remote clock offset: 0.691 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.539 ms

Loss rate: 0.00%

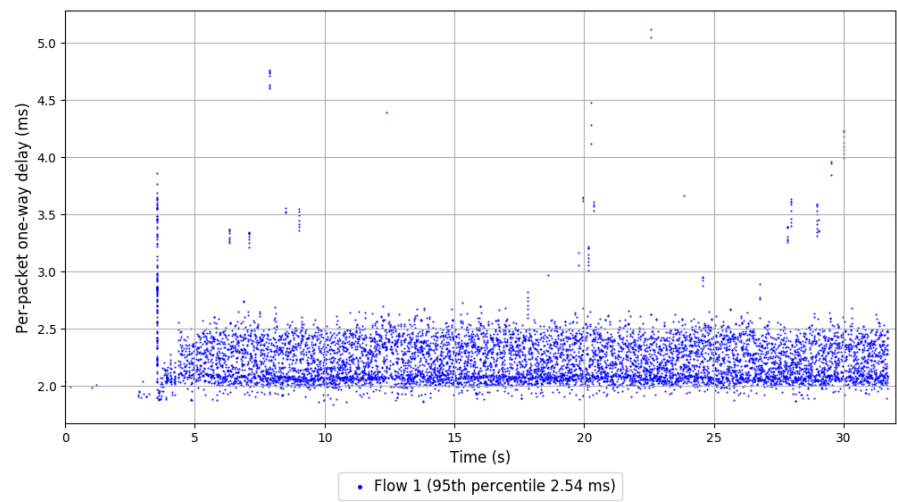
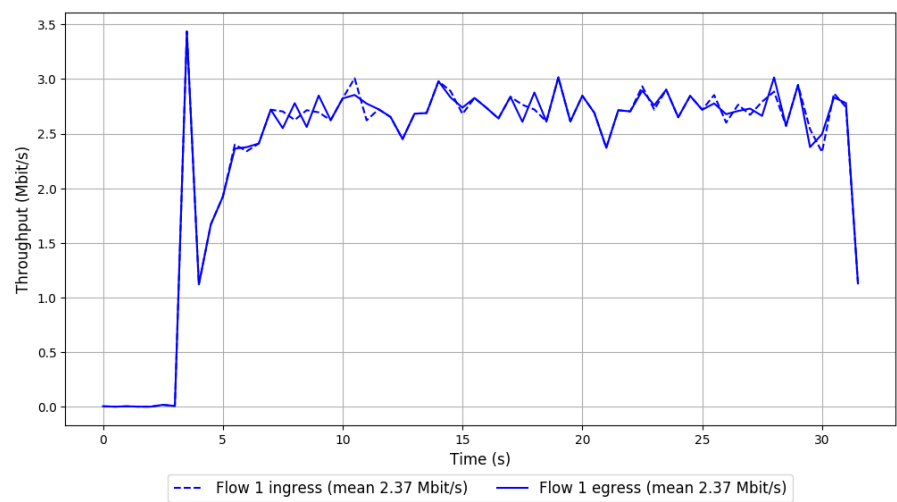
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.539 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 23:40:11 +0000

End at: Mon, 24 Jul 2017 23:40:41 +0000

Local clock offset: -2.049 ms

Remote clock offset: 0.498 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 2.647 ms

Loss rate: 0.00%

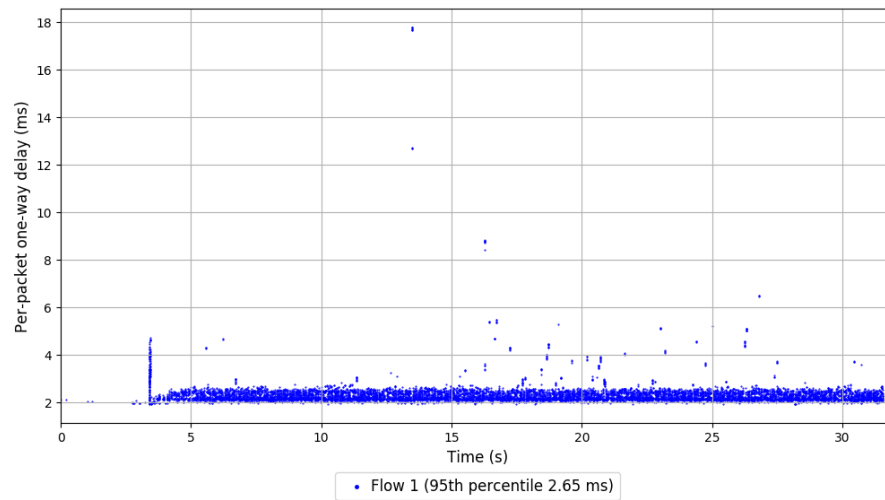
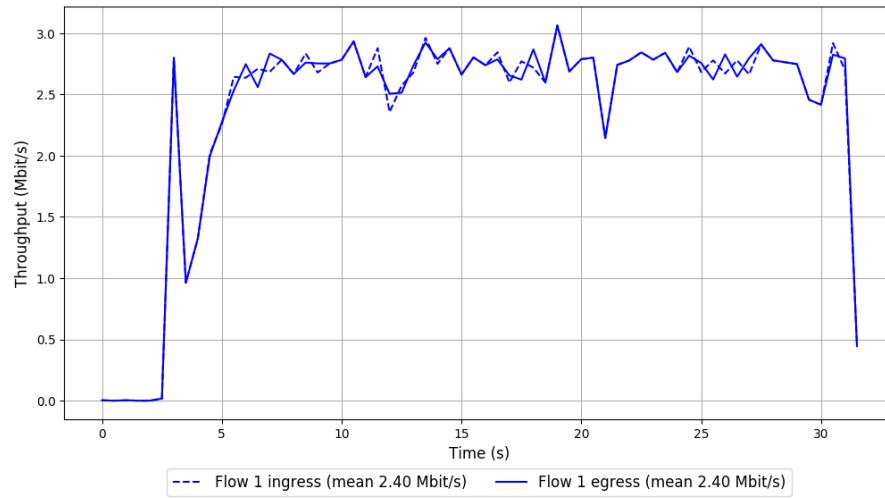
-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 2.647 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 23:57:05 +0000

End at: Mon, 24 Jul 2017 23:57:35 +0000

Local clock offset: -1.854 ms

Remote clock offset: 0.429 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 2.665 ms

Loss rate: 0.00%

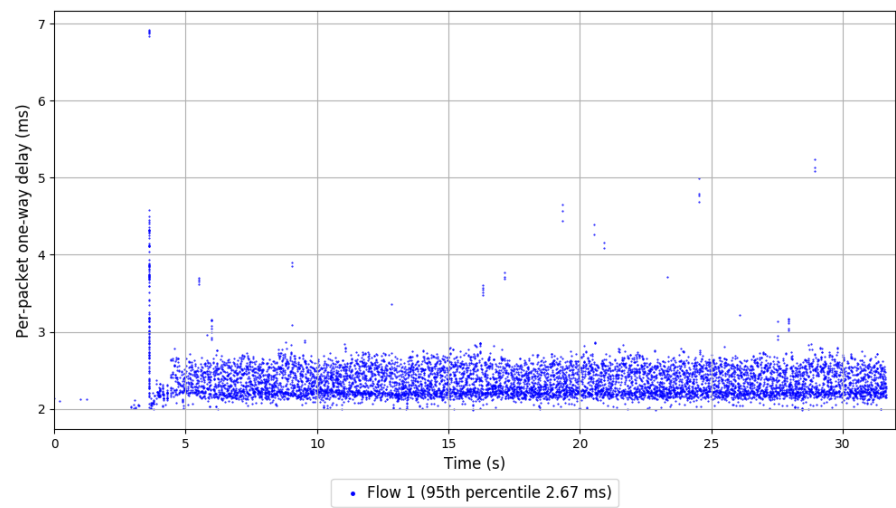
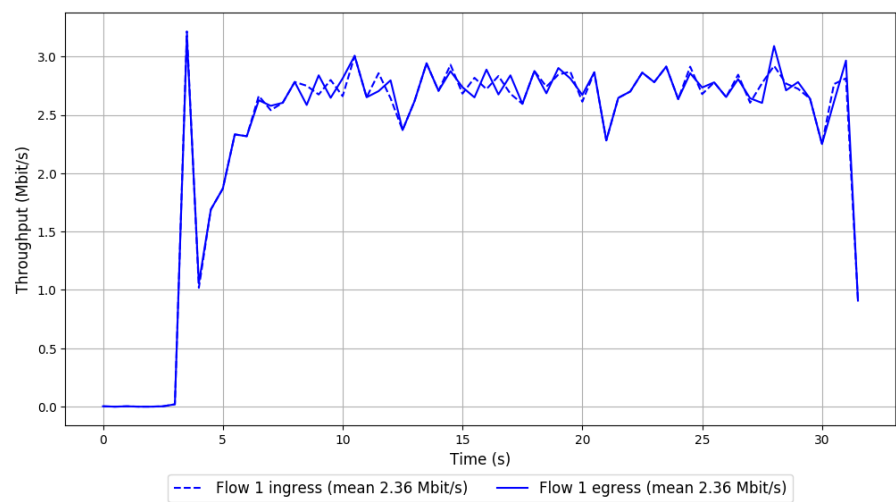
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 2.665 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:14:06 +0000

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

Local clock offset: -1.839 ms

Remote clock offset: 0.244 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 2.758 ms

Loss rate: 0.00%

-- Flow 1:

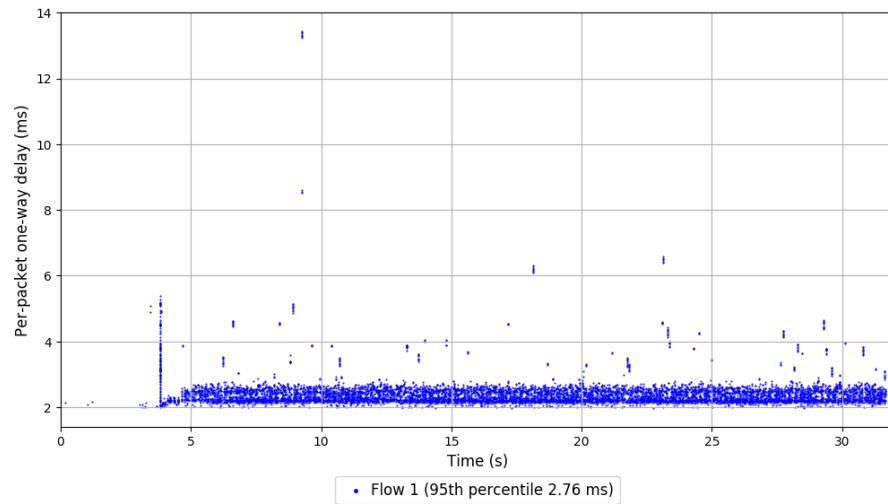
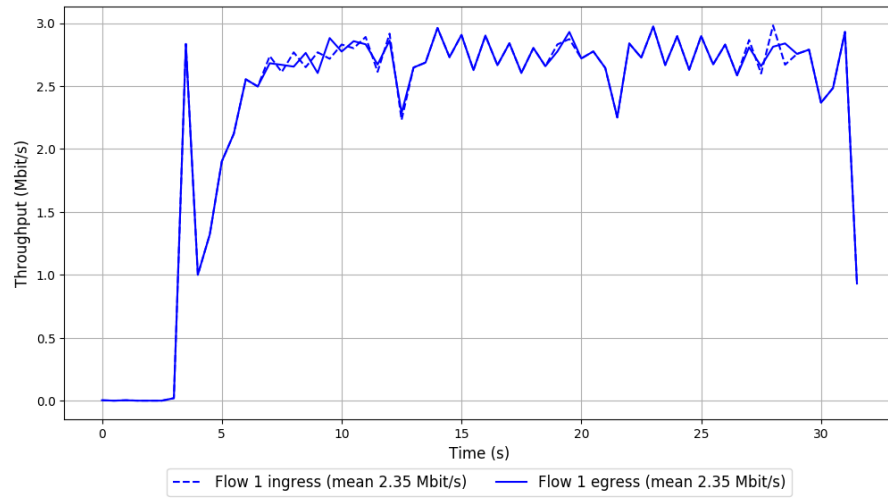
Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 2.758 ms

Loss rate: 0.00%



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



Run 6: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:31:09 +0000

End at: Tue, 25 Jul 2017 00:31:39 +0000

Local clock offset: -1.876 ms

Remote clock offset: 0.179 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.501 ms

Loss rate: 0.00%

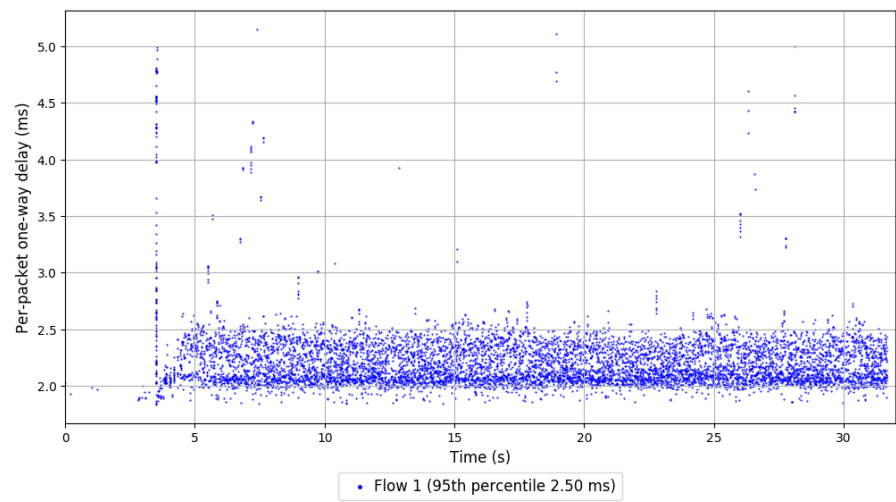
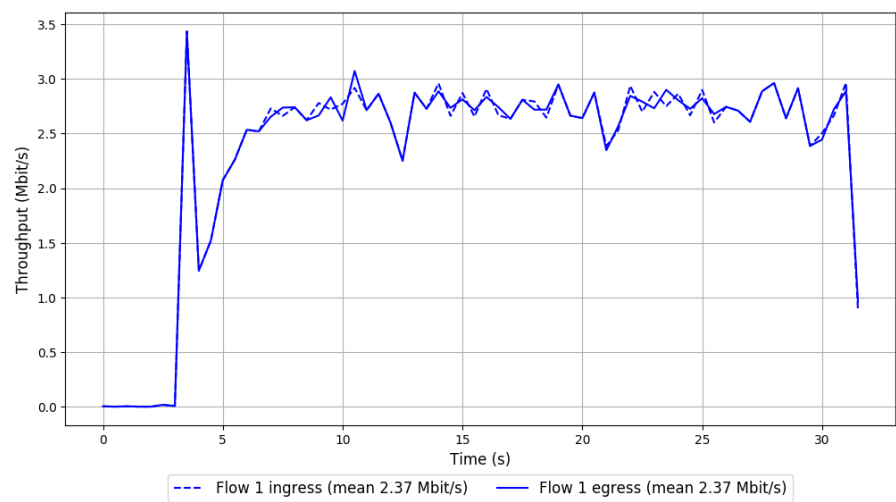
-- Flow 1:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.501 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 00:48:03 +0000

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

Local clock offset: -1.687 ms

Remote clock offset: 0.076 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.615 ms

Loss rate: 0.09%

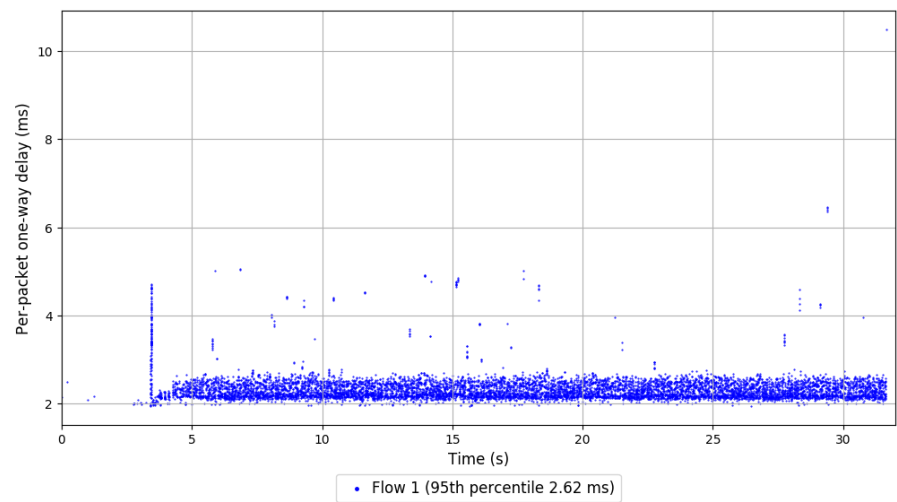
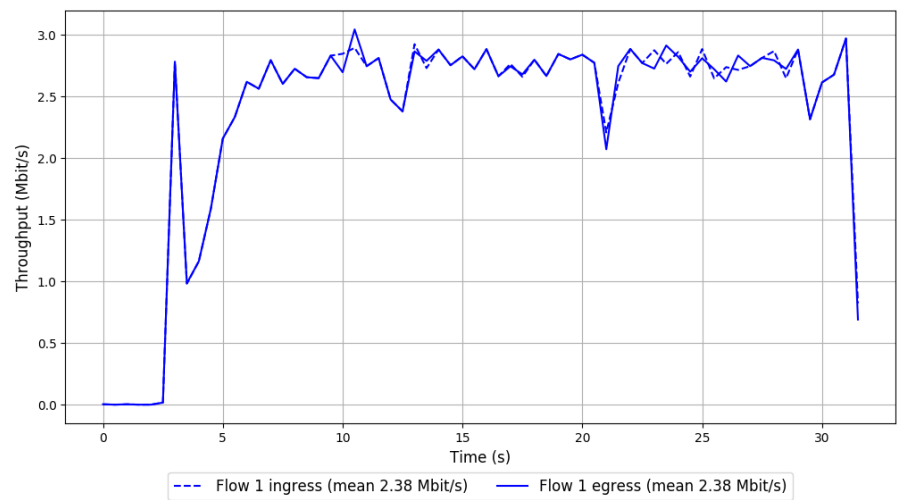
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.615 ms

Loss rate: 0.09%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

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

End at: Tue, 25 Jul 2017 01:05:27 +0000

Local clock offset: -1.782 ms

Remote clock offset: -0.051 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.654 ms

Loss rate: 0.14%

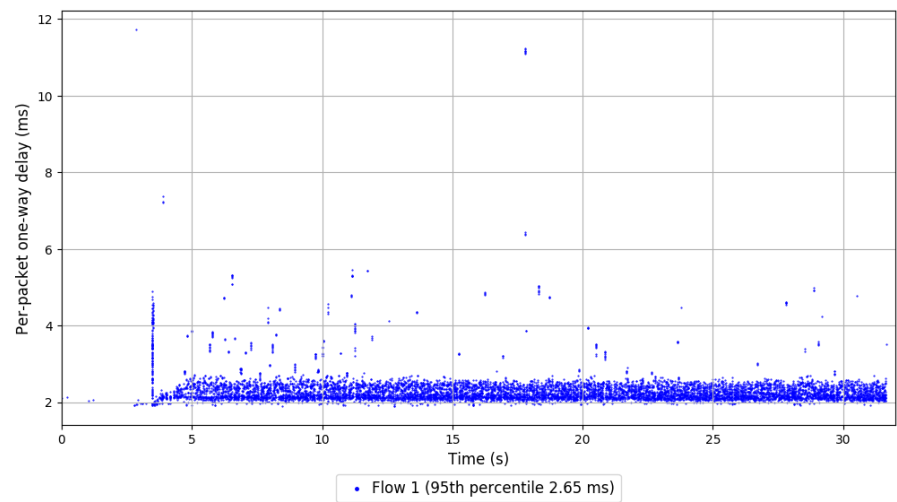
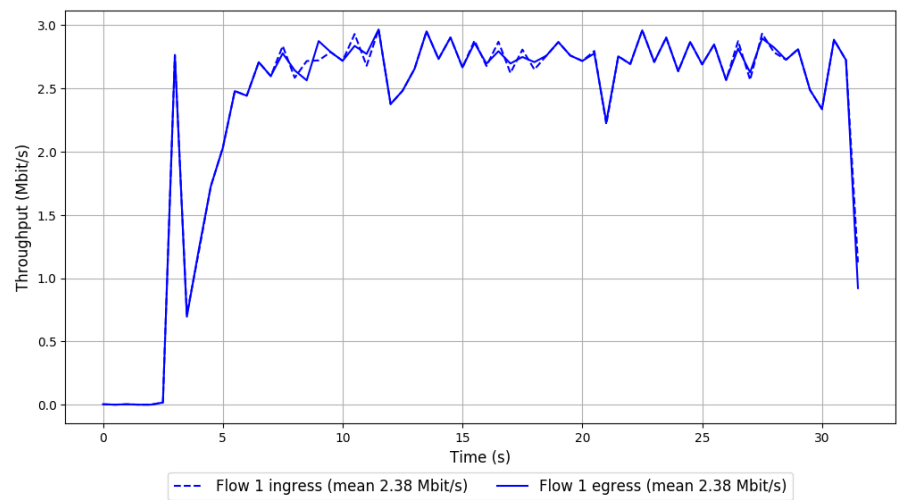
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 2.654 ms

Loss rate: 0.14%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:21:53 +0000

End at: Tue, 25 Jul 2017 01:22:23 +0000

Local clock offset: -1.891 ms

Remote clock offset: -0.205 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.641 ms

Loss rate: 0.10%

-- Flow 1:

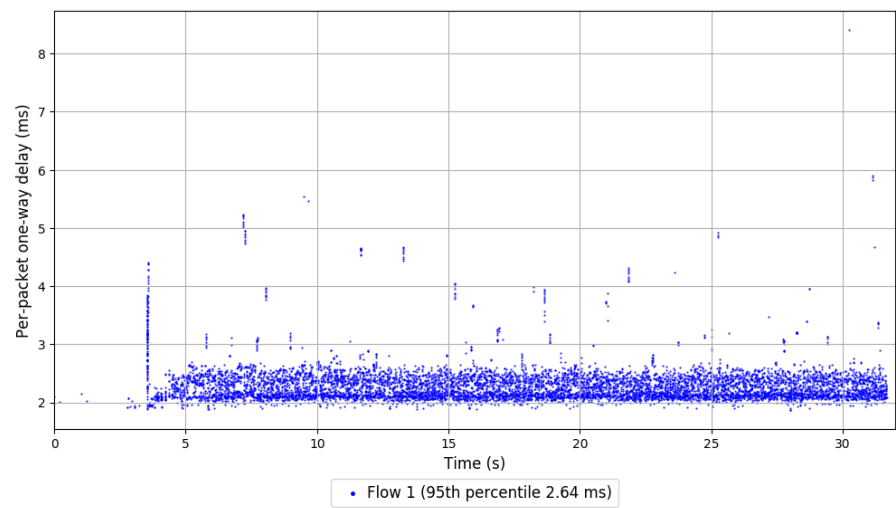
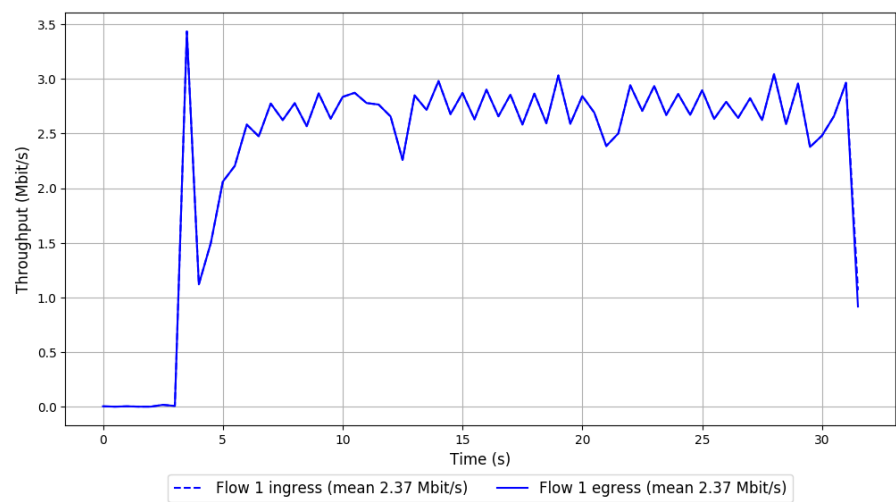
Average throughput: 2.37 Mbit/s

95th percentile per-packet one-way delay: 2.641 ms

Loss rate: 0.10%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Tue, 25 Jul 2017 01:38:56 +0000

End at: Tue, 25 Jul 2017 01:39:26 +0000

Local clock offset: -1.997 ms

Remote clock offset: -0.31 ms

# Below is generated by plot.py at Tue, 25 Jul 2017 02:36:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 2.648 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.22 Mbit/s

95th percentile per-packet one-way delay: 2.648 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

