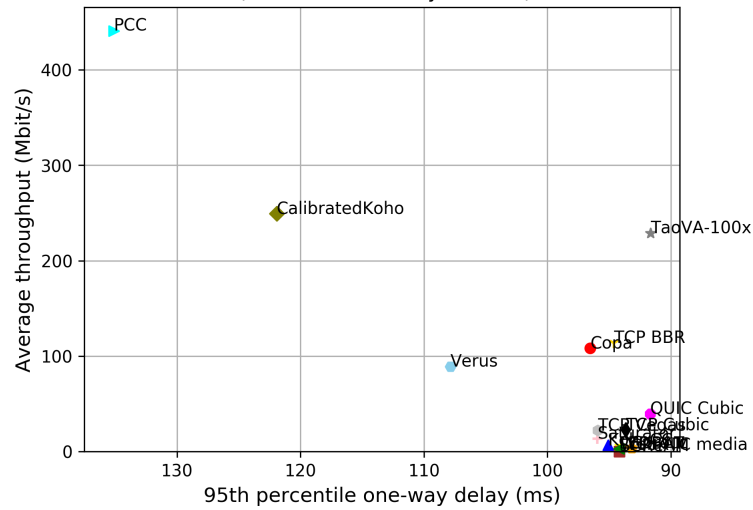


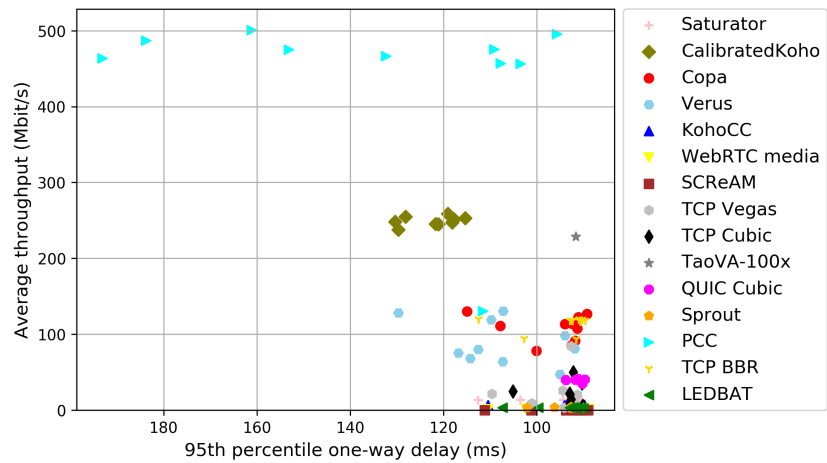
**Pantheon Summary** (Generated at Sun, 06 Aug 2017 00:00:14 +0000 with  
pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Data path: GCE Sydney Ethernet (*remote*) → GCE Iowa Ethernet (*local*).

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

test from GCE Sydney Ethernet to GCE Iowa Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from GCE Sydney Ethernet to GCE Iowa Ethernet, 10 runs of 30s each per scheme



| scheme         | # runs | mean avg tput (Mbit/s)<br>flow 1 | mean 95th-%ile delay (ms)<br>flow 1 | mean loss rate (%)<br>flow 1 |
|----------------|--------|----------------------------------|-------------------------------------|------------------------------|
| TCP BBR        | 10     | 113.84                           | 94.63                               | 0.68                         |
| CalibratedKoho | 10     | 249.38                           | 121.92                              | 1.13                         |
| Copa           | 10     | 108.15                           | 96.54                               | 0.52                         |
| TCP Cubic      | 10     | 22.68                            | 93.66                               | 1.07                         |
| KohoCC         | 10     | 6.71                             | 95.10                               | 0.65                         |
| LEDBAT         | 10     | 3.17                             | 94.23                               | 1.48                         |
| PCC            | 10     | 440.83                           | 135.11                              | 1.80                         |
| QUIC Cubic     | 10     | 39.63                            | 91.67                               | 0.60                         |
| Saturator      | 10     | 13.56                            | 95.97                               | 0.94                         |
| SCReAM         | 10     | 0.20                             | 94.18                               | 0.69                         |
| Sprout         | 10     | 3.48                             | 93.17                               | 2.58                         |
| TaoVA-100x     | 10     | 228.67                           | 91.66                               | 0.63                         |
| TCP Vegas      | 10     | 22.17                            | 95.92                               | 0.95                         |
| Verus          | 10     | 89.20                            | 107.86                              | 8.32                         |
| WebRTC media   | 10     | 2.07                             | 94.13                               | 0.81                         |

Run 1: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 19:15:35 +0000

End at: Sat, 05 Aug 2017 19:16:05 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:38:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 120.07 Mbit/s

95th percentile per-packet one-way delay: 112.525 ms

Loss rate: 0.67%

-- Flow 1:

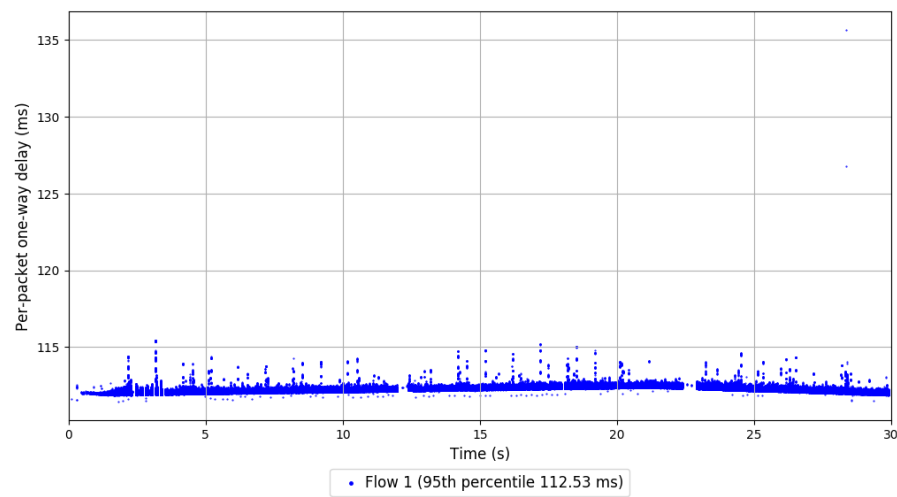
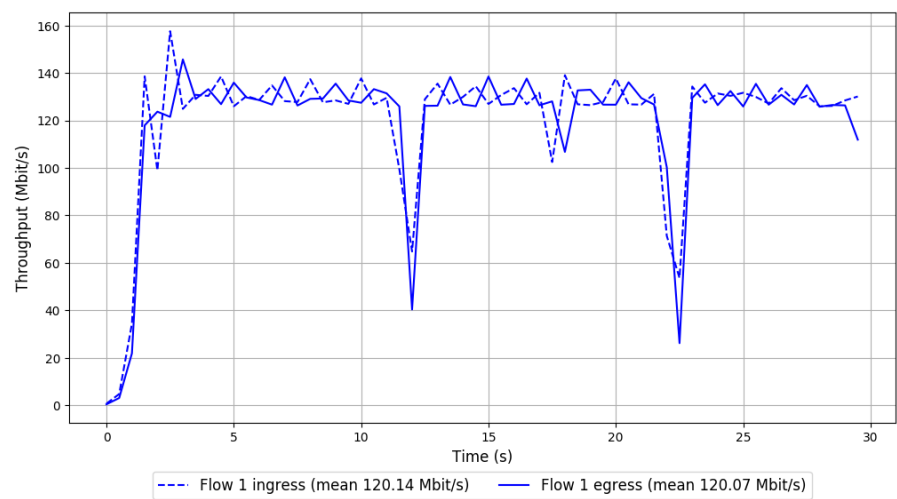
Average throughput: 120.07 Mbit/s

95th percentile per-packet one-way delay: 112.525 ms

Loss rate: 0.67%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 19:27:38 +0000

End at: Sat, 05 Aug 2017 19:28:08 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:38:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 102.755 ms

Loss rate: 0.86%

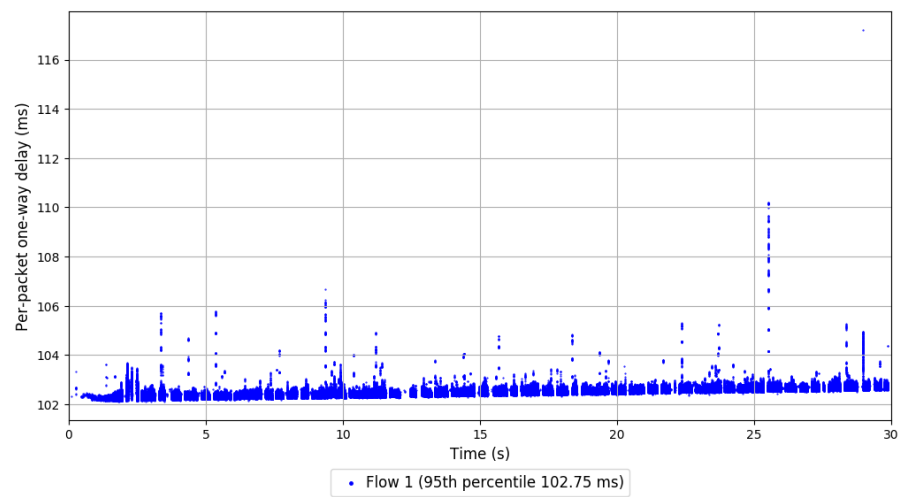
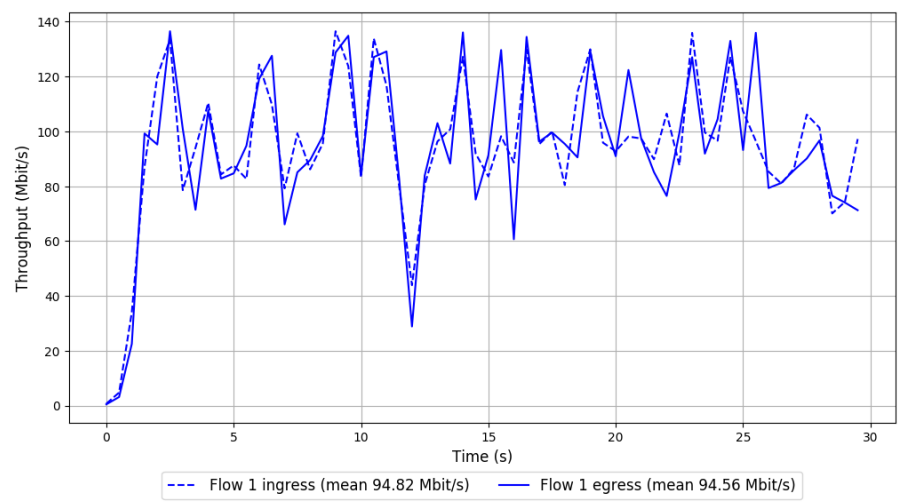
-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 102.755 ms

Loss rate: 0.86%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 19:39:31 +0000

End at: Sat, 05 Aug 2017 19:40:01 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:38:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 118.38 Mbit/s

95th percentile per-packet one-way delay: 92.892 ms

Loss rate: 0.65%

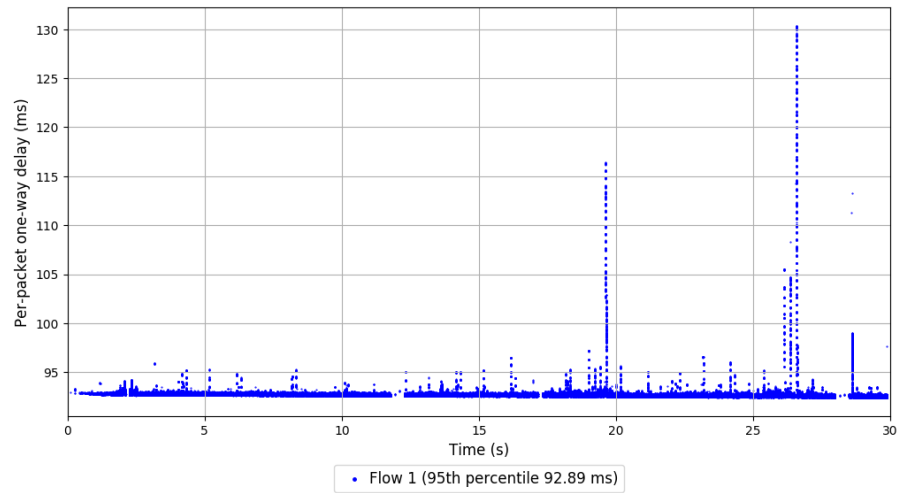
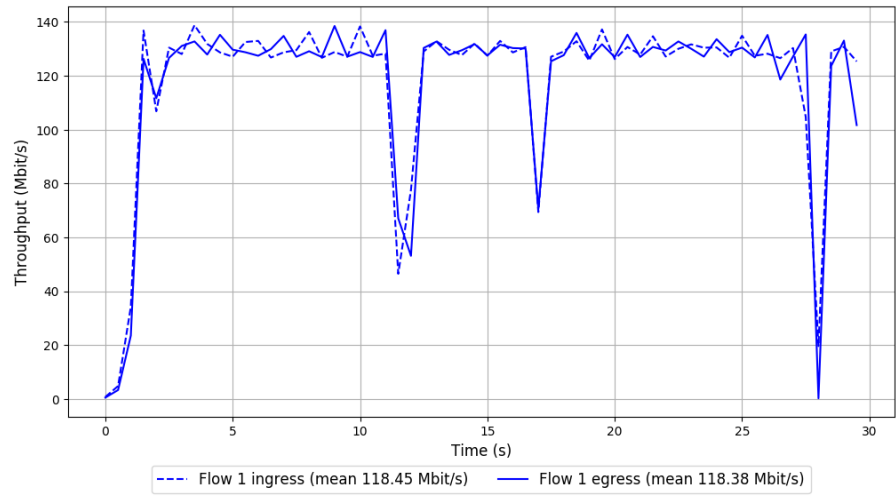
-- Flow 1:

Average throughput: 118.38 Mbit/s

95th percentile per-packet one-way delay: 92.892 ms

Loss rate: 0.65%

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



Run 4: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 19:52:01 +0000

End at: Sat, 05 Aug 2017 19:52:31 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:38:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 118.14 Mbit/s

95th percentile per-packet one-way delay: 92.312 ms

Loss rate: 0.37%

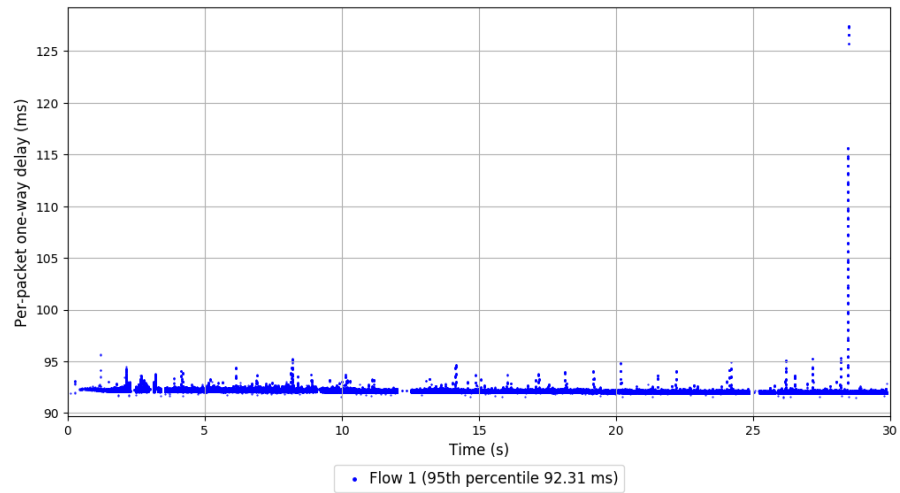
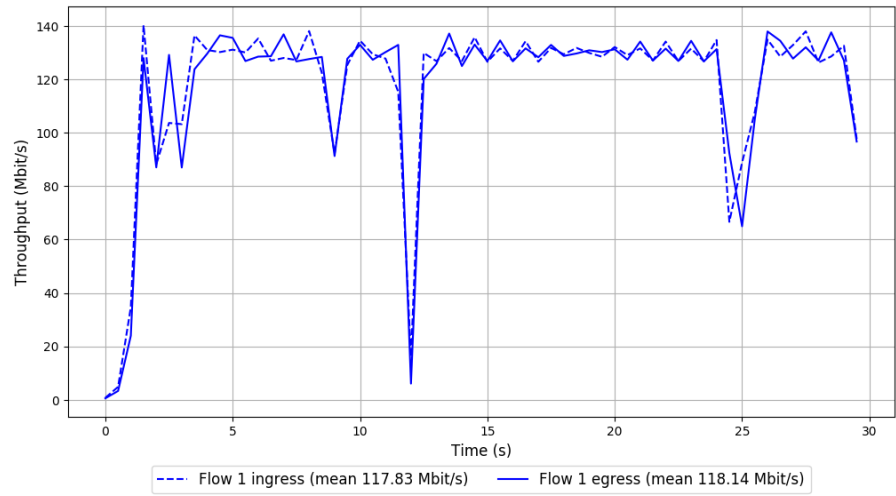
-- Flow 1:

Average throughput: 118.14 Mbit/s

95th percentile per-packet one-way delay: 92.312 ms

Loss rate: 0.37%

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



Run 5: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 20:03:19 +0000

End at: Sat, 05 Aug 2017 20:03:49 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:38:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 119.80 Mbit/s

95th percentile per-packet one-way delay: 90.275 ms

Loss rate: 0.67%

-- Flow 1:

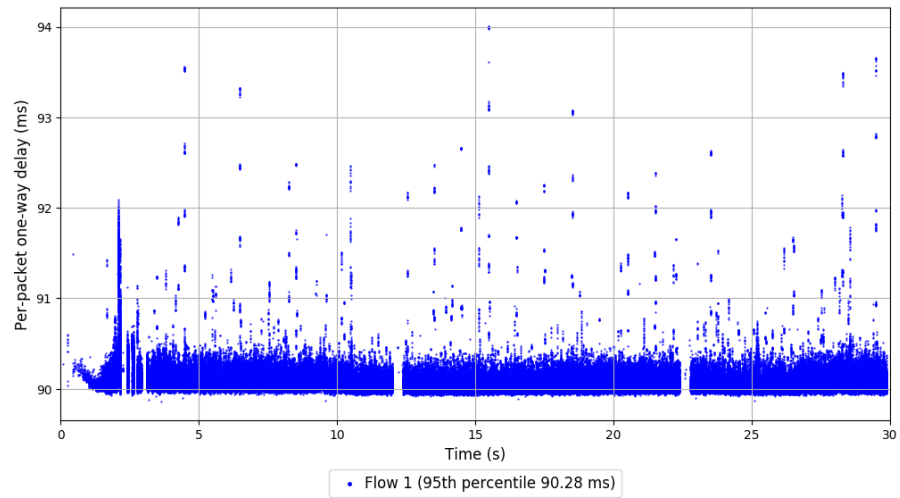
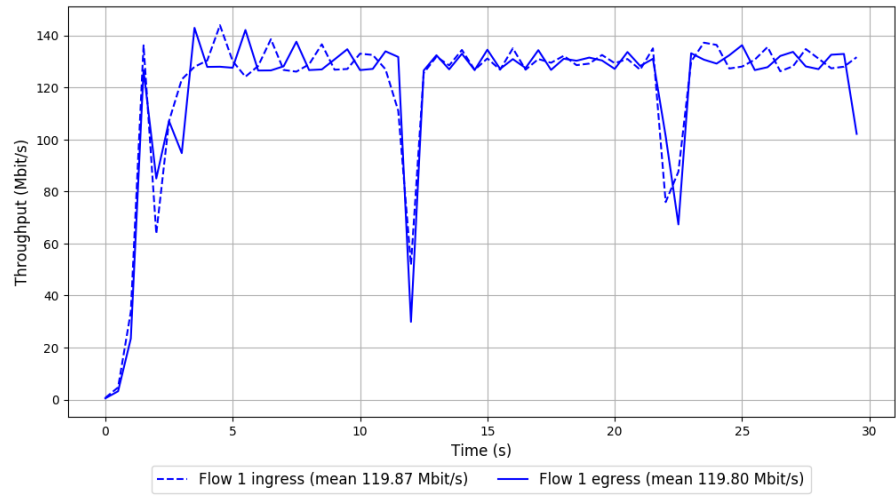
Average throughput: 119.80 Mbit/s

95th percentile per-packet one-way delay: 90.275 ms

Loss rate: 0.67%



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



Run 6: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 20:14:34 +0000

End at: Sat, 05 Aug 2017 20:15:04 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:38:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 120.08 Mbit/s

95th percentile per-packet one-way delay: 90.951 ms

Loss rate: 0.65%

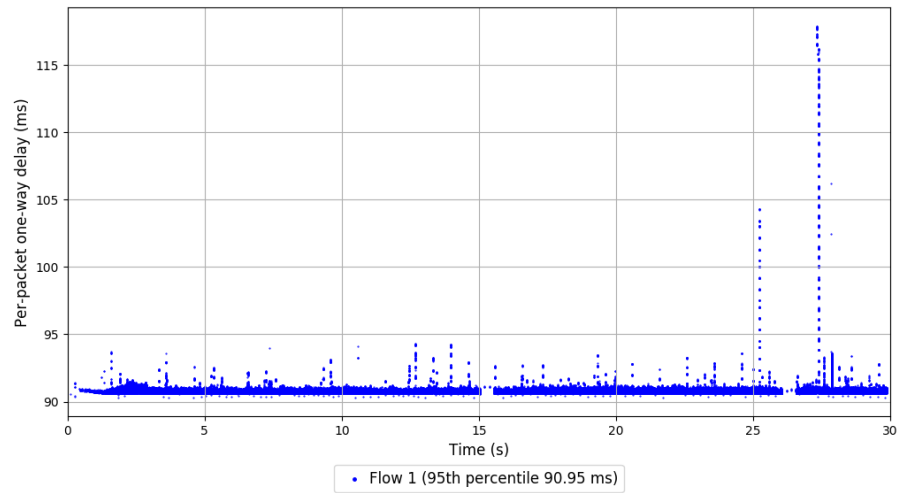
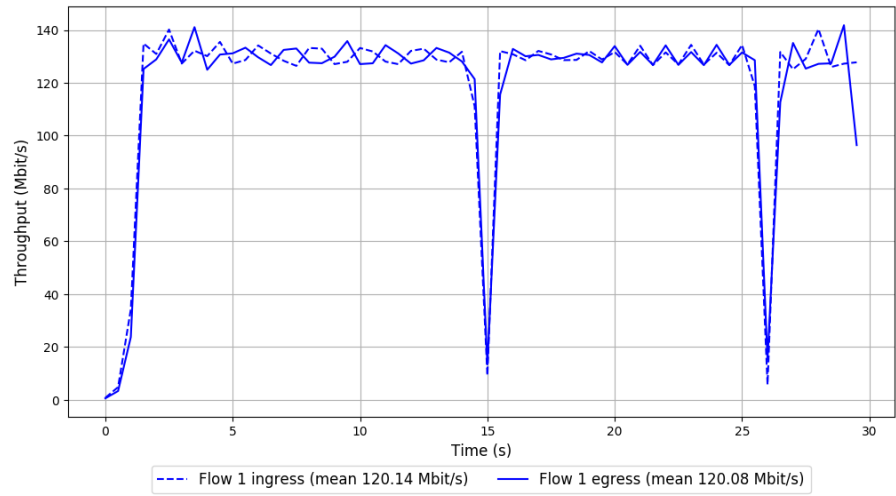
-- Flow 1:

Average throughput: 120.08 Mbit/s

95th percentile per-packet one-way delay: 90.951 ms

Loss rate: 0.65%

# Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 20:25:56 +0000

End at: Sat, 05 Aug 2017 20:26:26 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:39:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 118.07 Mbit/s

95th percentile per-packet one-way delay: 92.615 ms

Loss rate: 0.67%

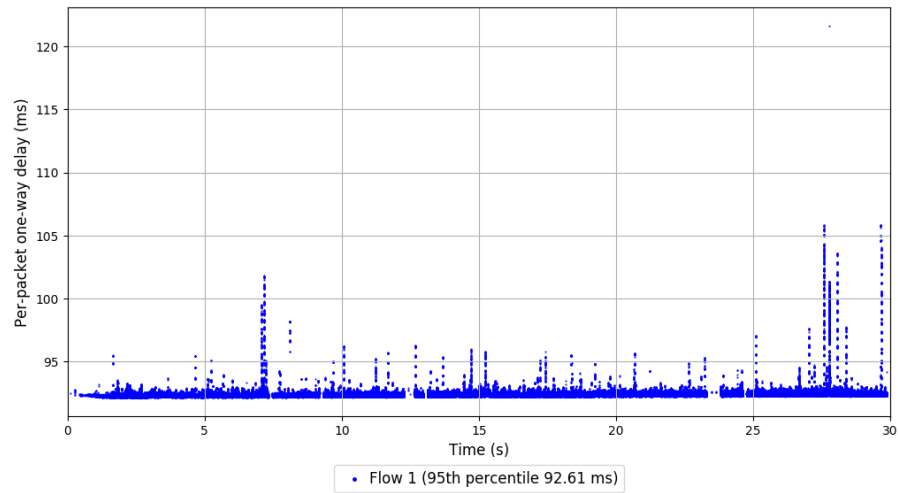
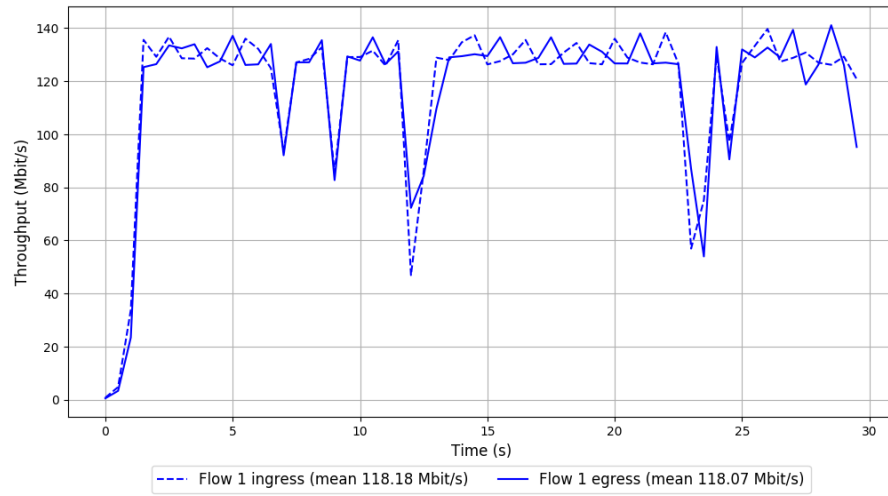
-- Flow 1:

Average throughput: 118.07 Mbit/s

95th percentile per-packet one-way delay: 92.615 ms

Loss rate: 0.67%

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



Run 8: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 20:36:42 +0000

End at: Sat, 05 Aug 2017 20:37:12 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:39:21 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.92 Mbit/s

95th percentile per-packet one-way delay: 91.586 ms

Loss rate: 0.84%

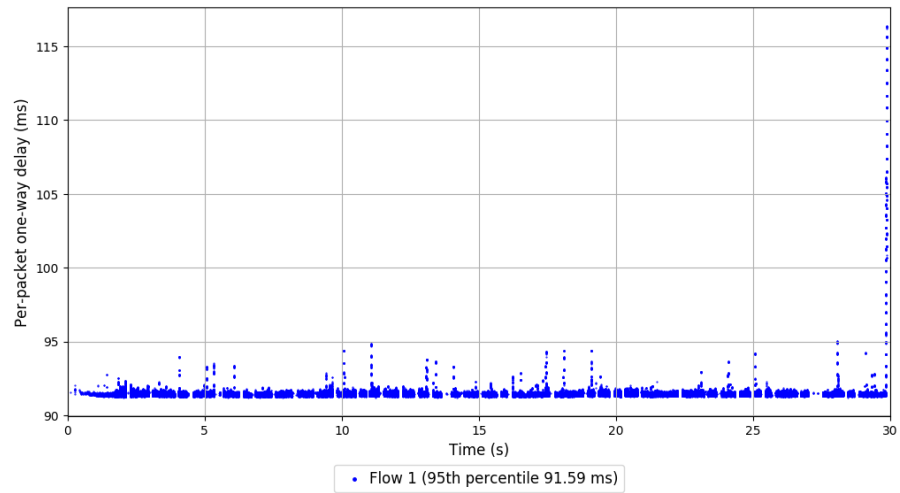
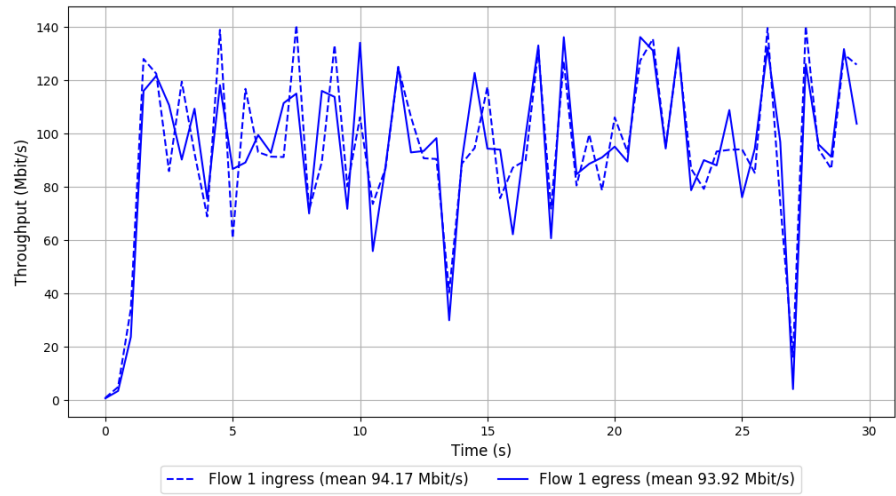
-- Flow 1:

Average throughput: 93.92 Mbit/s

95th percentile per-packet one-way delay: 91.586 ms

Loss rate: 0.84%

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



Run 9: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 20:47:32 +0000

End at: Sat, 05 Aug 2017 20:48:02 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:39:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 117.37 Mbit/s

95th percentile per-packet one-way delay: 90.755 ms

Loss rate: 0.70%

-- Flow 1:

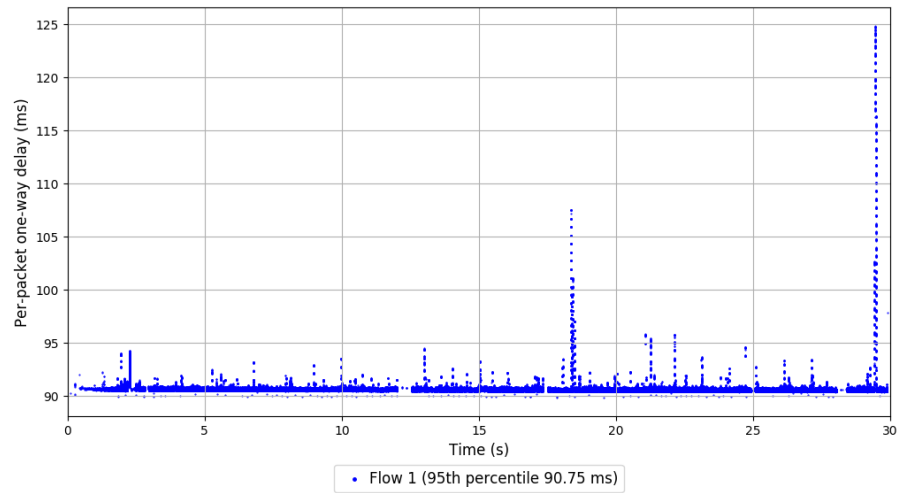
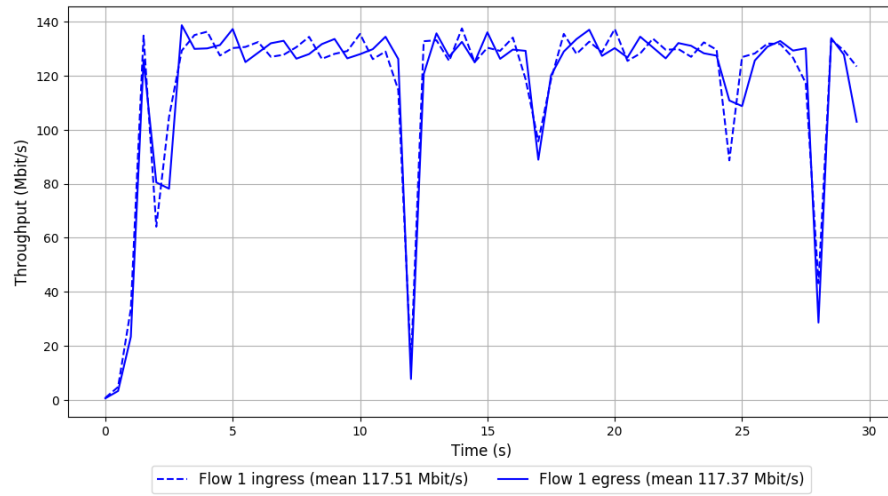
Average throughput: 117.37 Mbit/s

95th percentile per-packet one-way delay: 90.755 ms

Loss rate: 0.70%



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



Run 10: Statistics of TCP BBR

Start at: Sat, 05 Aug 2017 20:58:37 +0000

End at: Sat, 05 Aug 2017 20:59:07 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:39:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 118.06 Mbit/s

95th percentile per-packet one-way delay: 89.609 ms

Loss rate: 0.72%

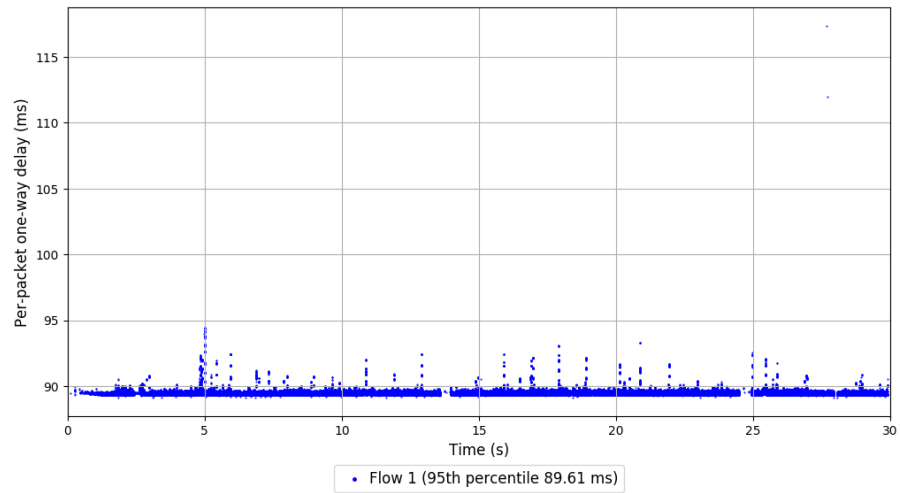
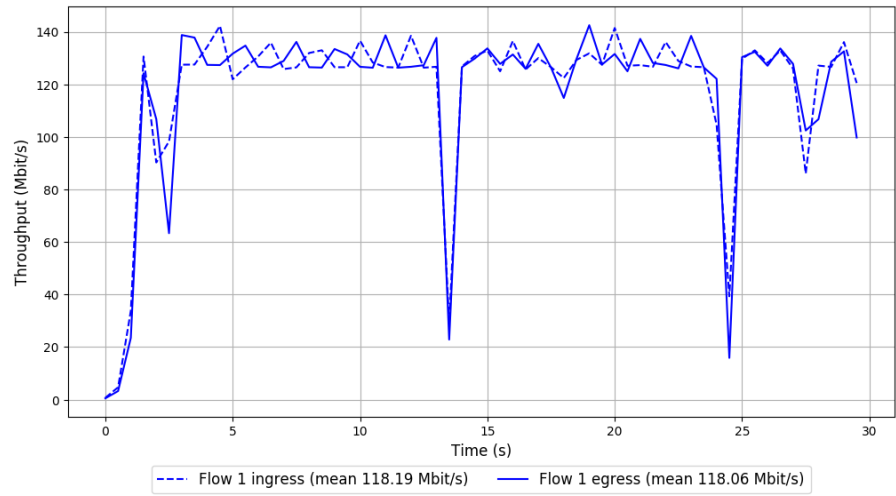
-- Flow 1:

Average throughput: 118.06 Mbit/s

95th percentile per-packet one-way delay: 89.609 ms

Loss rate: 0.72%

# Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 19:19:21 +0000

End at: Sat, 05 Aug 2017 19:19:51 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:40:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 254.88 Mbit/s

95th percentile per-packet one-way delay: 128.126 ms

Loss rate: 0.86%

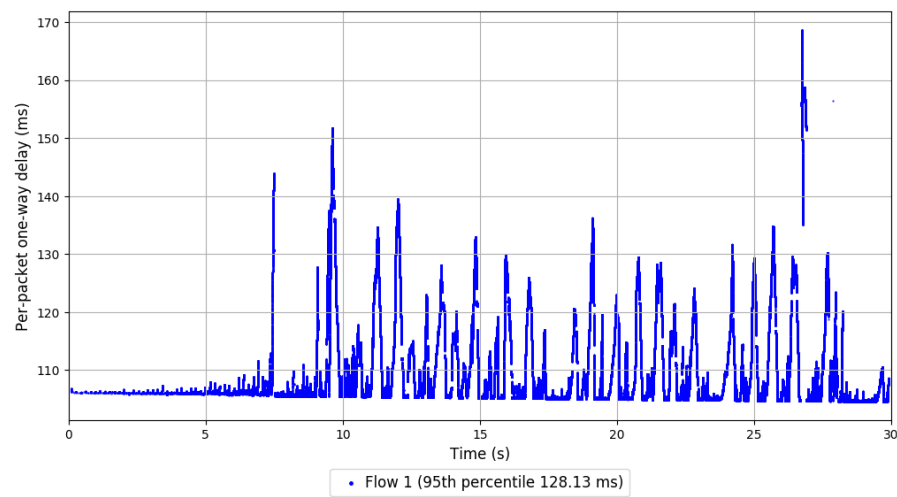
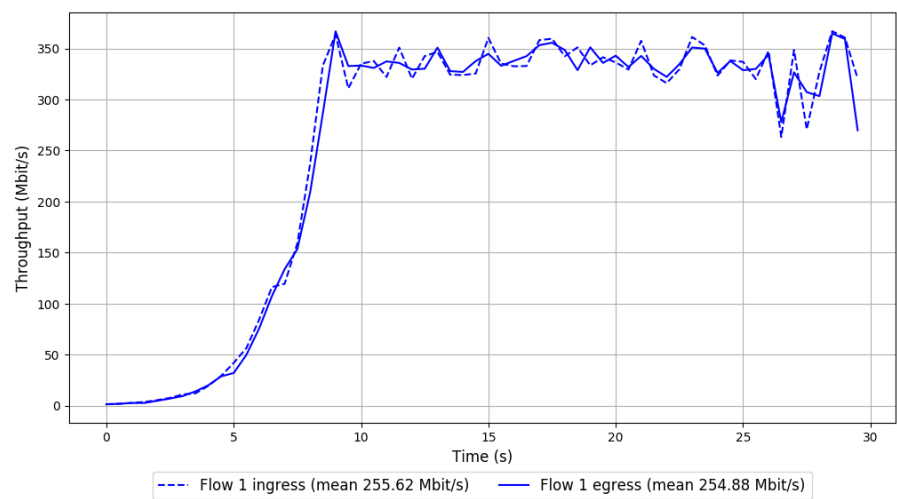
-- Flow 1:

Average throughput: 254.88 Mbit/s

95th percentile per-packet one-way delay: 128.126 ms

Loss rate: 0.86%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 19:31:28 +0000

End at: Sat, 05 Aug 2017 19:31:58 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:40:34 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 248.22 Mbit/s

95th percentile per-packet one-way delay: 130.363 ms

Loss rate: 0.89%

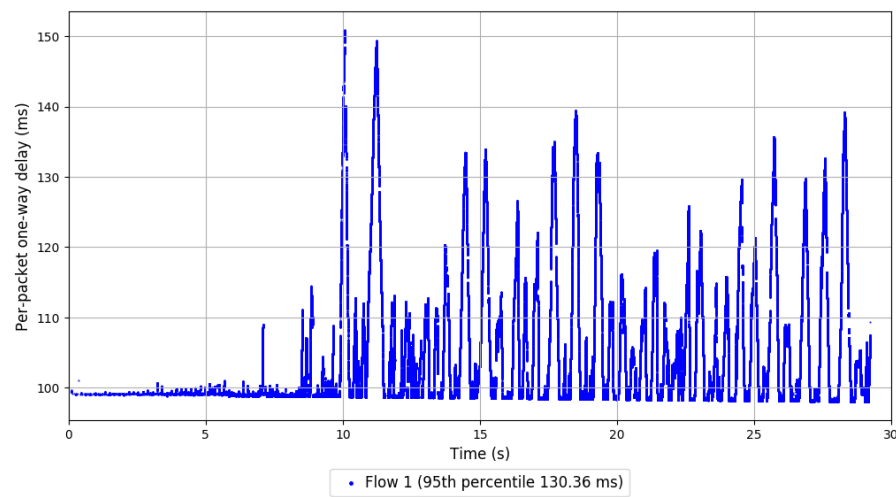
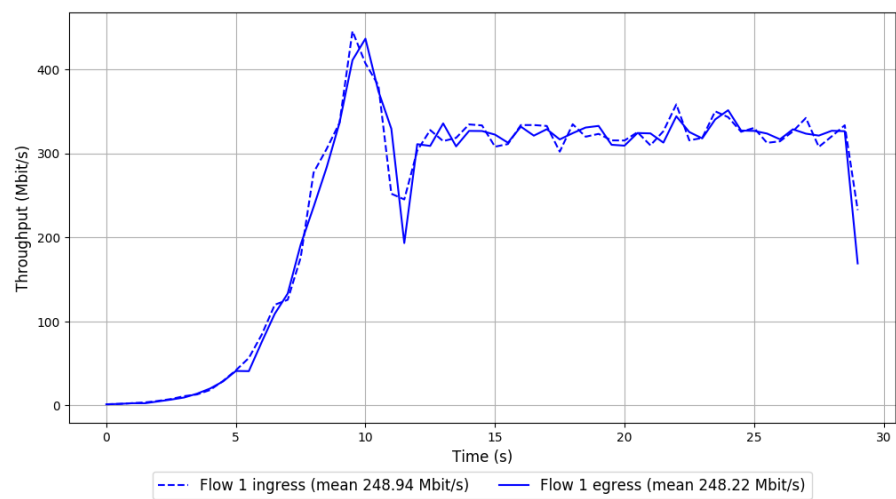
-- Flow 1:

Average throughput: 248.22 Mbit/s

95th percentile per-packet one-way delay: 130.363 ms

Loss rate: 0.89%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 19:43:36 +0000

End at: Sat, 05 Aug 2017 19:44:06 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:41:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 245.16 Mbit/s

95th percentile per-packet one-way delay: 121.053 ms

Loss rate: 2.69%

-- Flow 1:

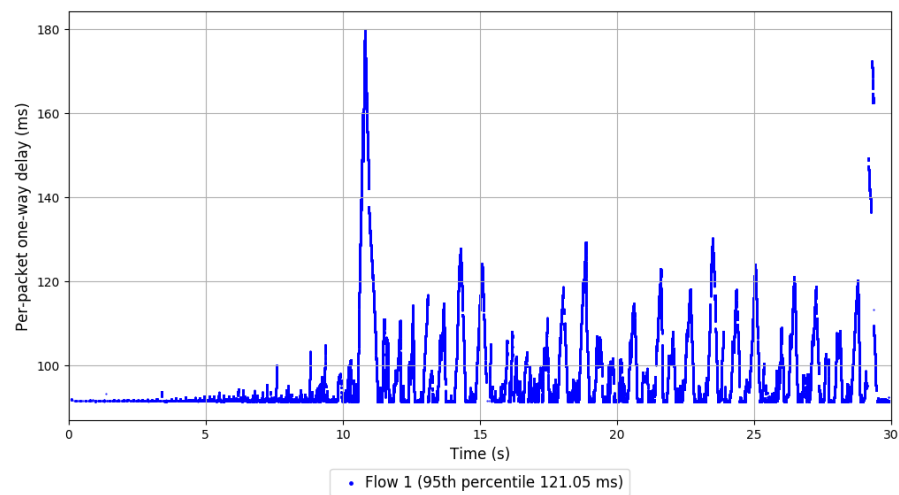
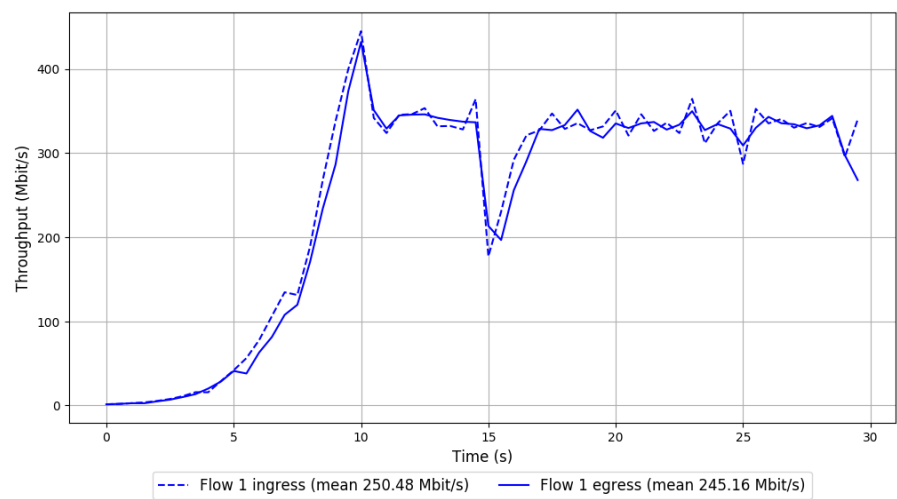
Average throughput: 245.16 Mbit/s

95th percentile per-packet one-way delay: 121.053 ms

Loss rate: 2.69%



Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 19:55:52 +0000

End at: Sat, 05 Aug 2017 19:56:22 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:41:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 258.62 Mbit/s

95th percentile per-packet one-way delay: 119.090 ms

Loss rate: 0.80%

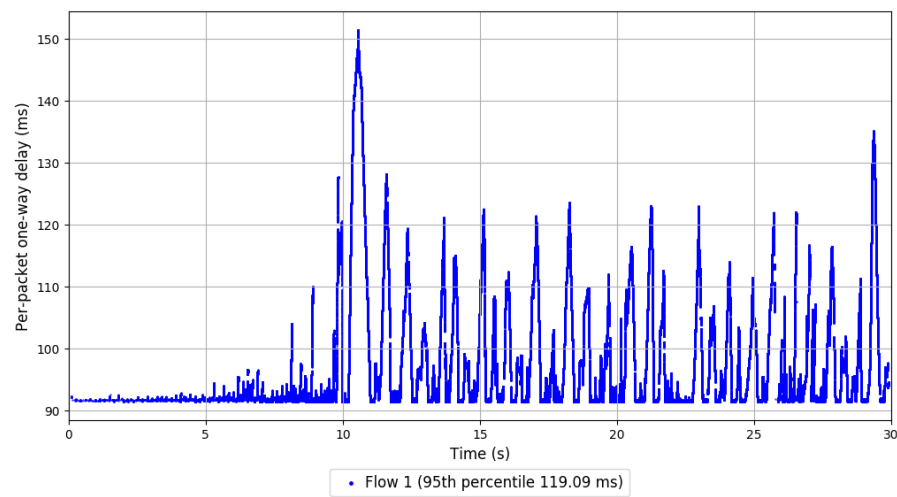
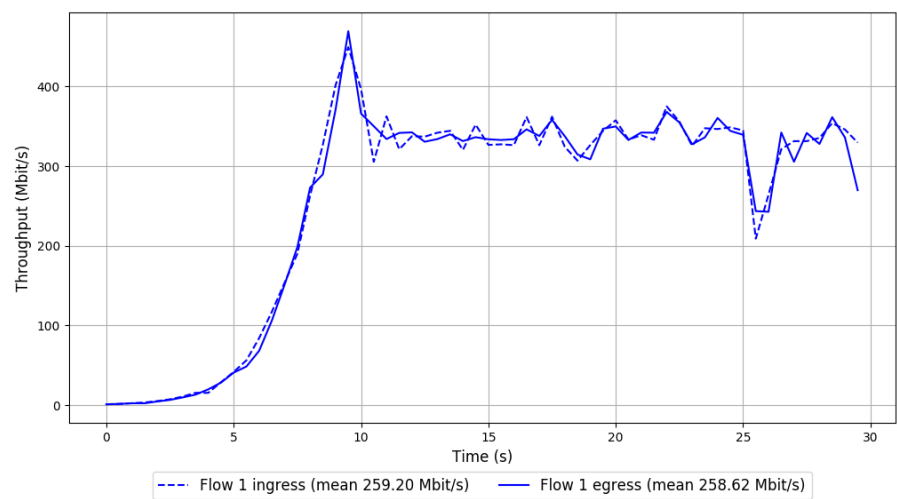
-- Flow 1:

Average throughput: 258.62 Mbit/s

95th percentile per-packet one-way delay: 119.090 ms

Loss rate: 0.80%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 20:07:05 +0000

End at: Sat, 05 Aug 2017 20:07:35 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:41:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 250.87 Mbit/s

95th percentile per-packet one-way delay: 117.924 ms

Loss rate: 0.99%

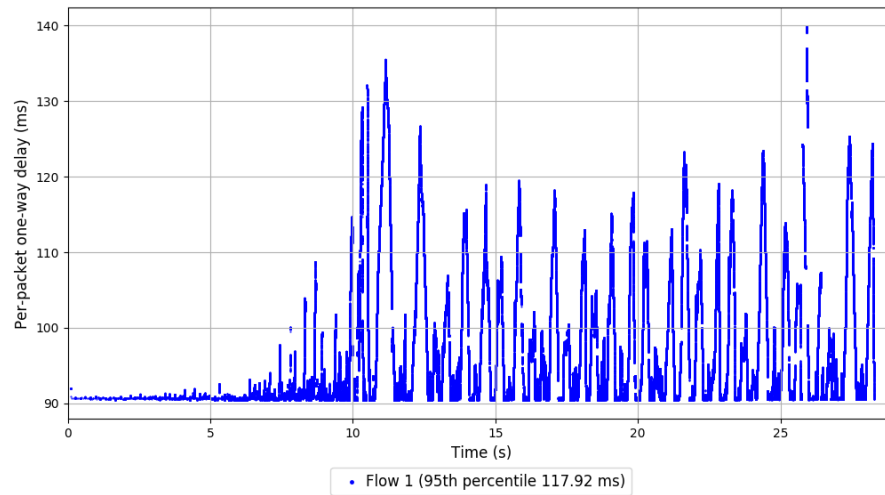
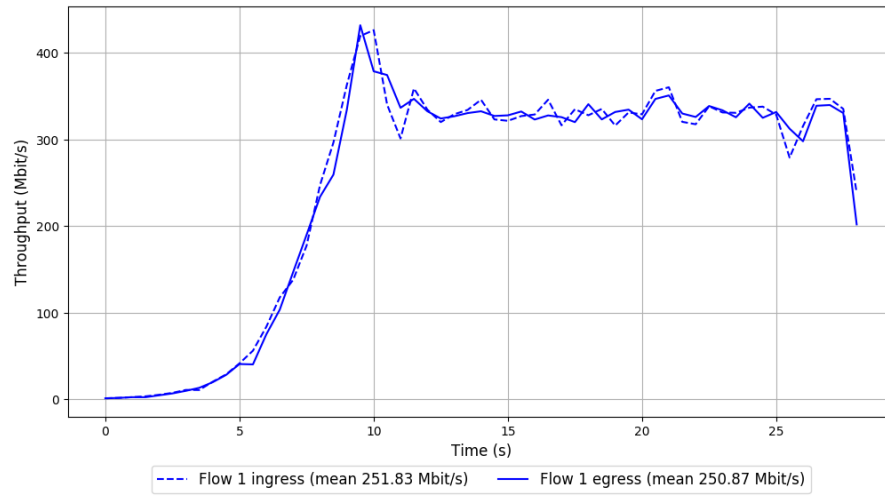
-- Flow 1:

Average throughput: 250.87 Mbit/s

95th percentile per-packet one-way delay: 117.924 ms

Loss rate: 0.99%

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



Run 6: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 20:18:34 +0000

End at: Sat, 05 Aug 2017 20:19:04 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:42:28 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 253.29 Mbit/s

95th percentile per-packet one-way delay: 115.378 ms

Loss rate: 0.81%

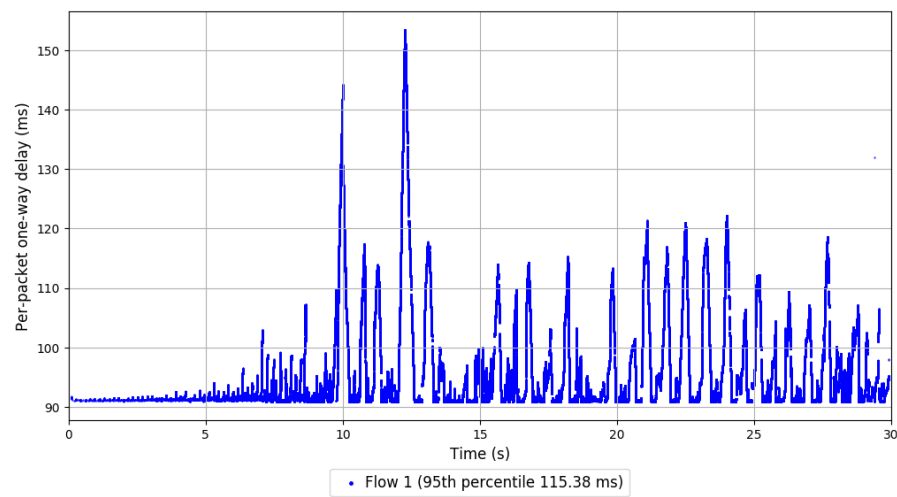
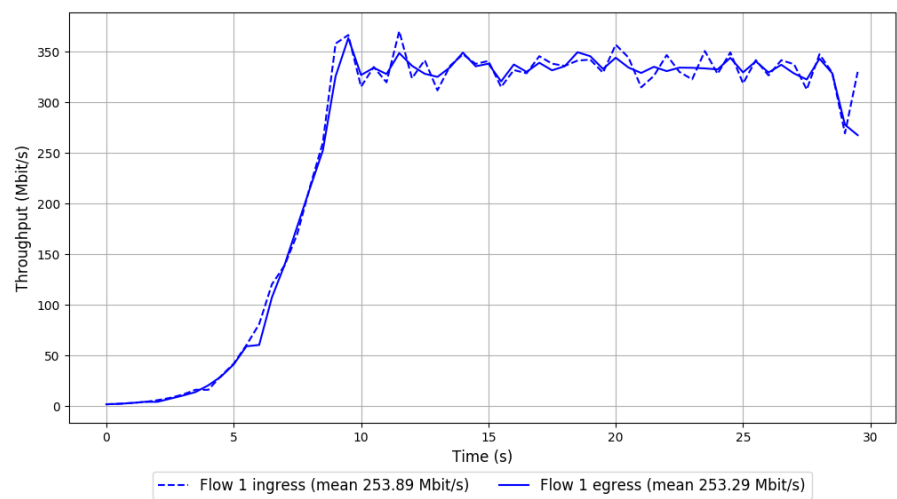
-- Flow 1:

Average throughput: 253.29 Mbit/s

95th percentile per-packet one-way delay: 115.378 ms

Loss rate: 0.81%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 20:29:31 +0000

End at: Sat, 05 Aug 2017 20:30:01 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:42:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 237.99 Mbit/s

95th percentile per-packet one-way delay: 129.704 ms

Loss rate: 1.88%

-- Flow 1:

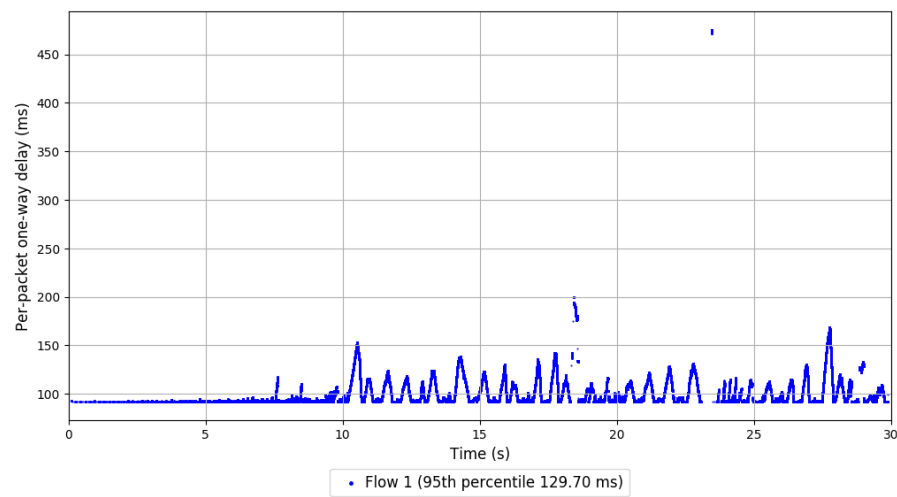
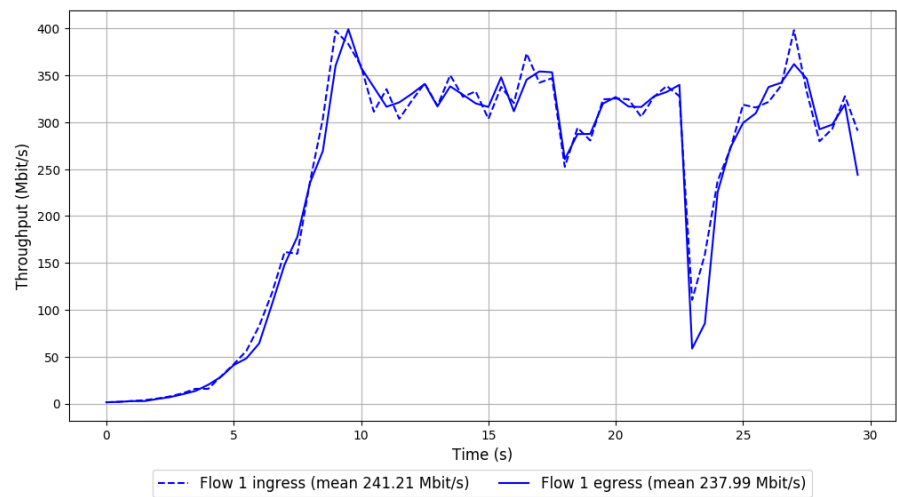
Average throughput: 237.99 Mbit/s

95th percentile per-packet one-way delay: 129.704 ms

Loss rate: 1.88%



Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 20:40:18 +0000

End at: Sat, 05 Aug 2017 20:40:48 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:43:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 245.39 Mbit/s

95th percentile per-packet one-way delay: 121.697 ms

Loss rate: 0.94%

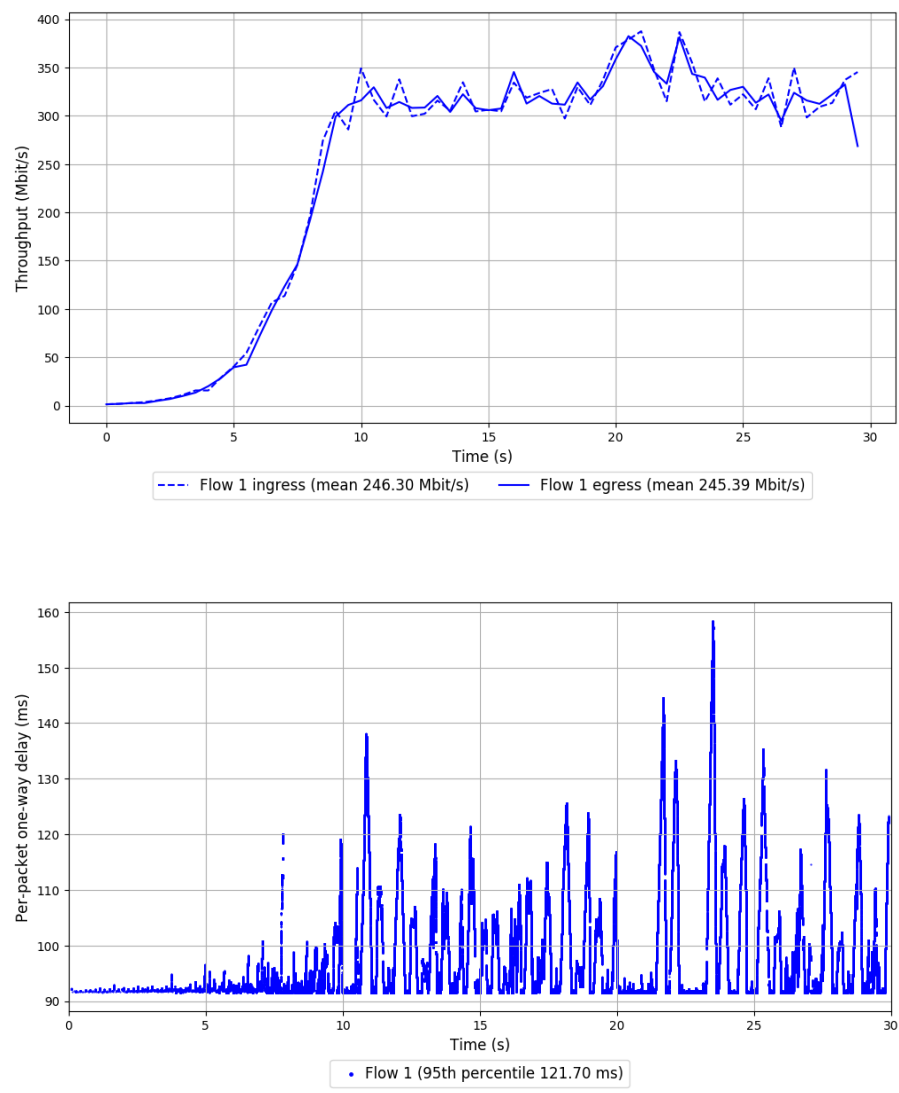
-- Flow 1:

Average throughput: 245.39 Mbit/s

95th percentile per-packet one-way delay: 121.697 ms

Loss rate: 0.94%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 20:51:12 +0000

End at: Sat, 05 Aug 2017 20:51:42 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:43:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 251.84 Mbit/s

95th percentile per-packet one-way delay: 117.760 ms

Loss rate: 0.76%

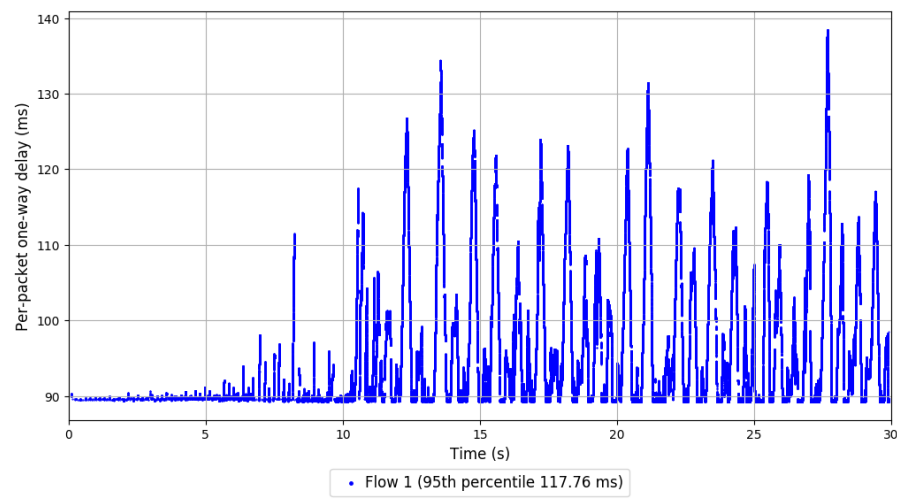
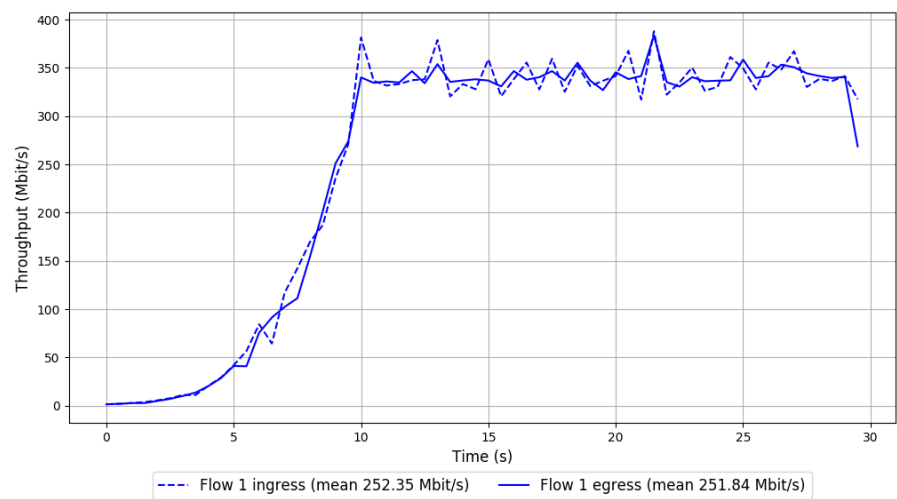
-- Flow 1:

Average throughput: 251.84 Mbit/s

95th percentile per-packet one-way delay: 117.760 ms

Loss rate: 0.76%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Sat, 05 Aug 2017 21:02:16 +0000

End at: Sat, 05 Aug 2017 21:02:46 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:44:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 247.54 Mbit/s

95th percentile per-packet one-way delay: 118.143 ms

Loss rate: 0.68%

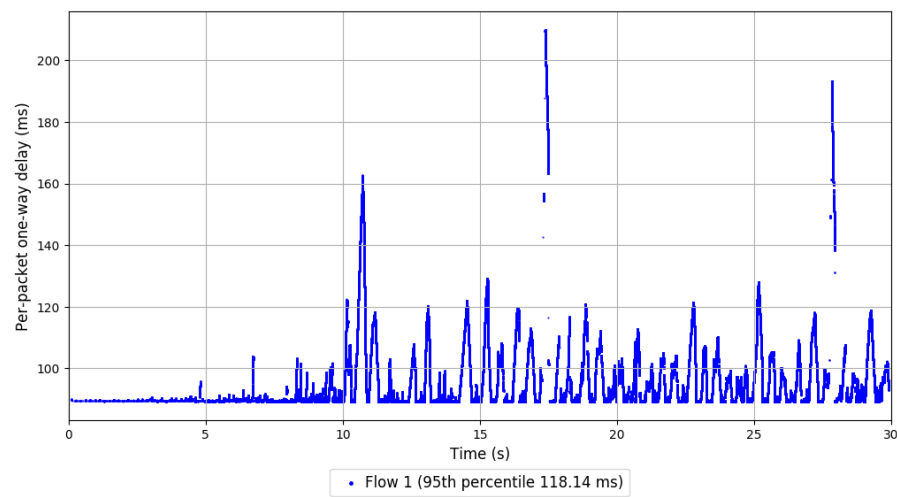
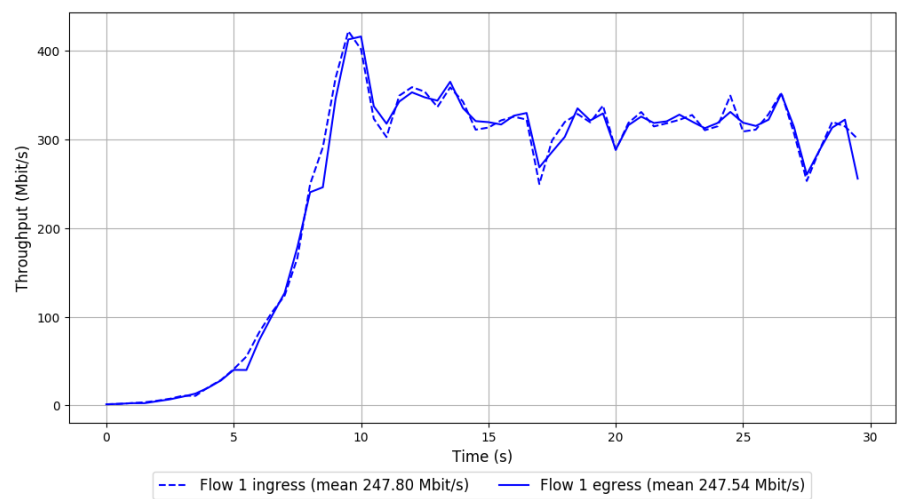
-- Flow 1:

Average throughput: 247.54 Mbit/s

95th percentile per-packet one-way delay: 118.143 ms

Loss rate: 0.68%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: Sat, 05 Aug 2017 19:17:43 +0000

End at: Sat, 05 Aug 2017 19:18:13 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:44:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 111.20 Mbit/s

95th percentile per-packet one-way delay: 107.843 ms

Loss rate: 0.59%

-- Flow 1:

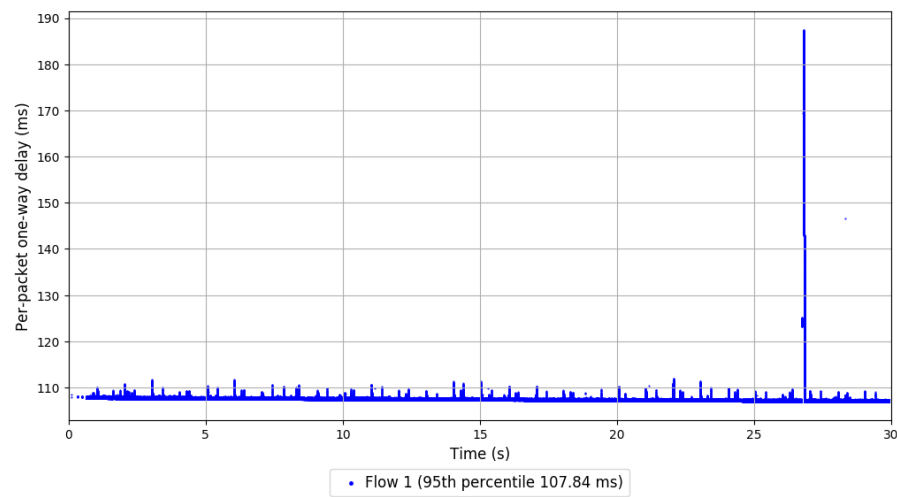
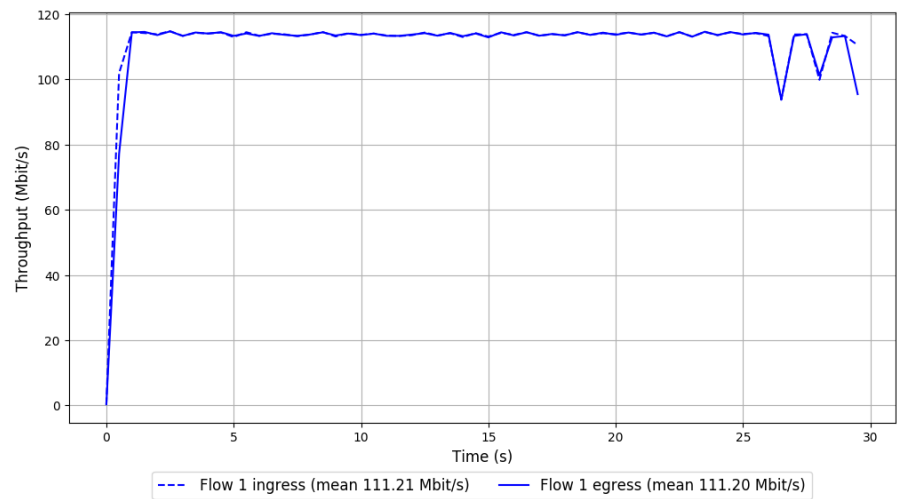
Average throughput: 111.20 Mbit/s

95th percentile per-packet one-way delay: 107.843 ms

Loss rate: 0.59%



Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: Sat, 05 Aug 2017 19:29:51 +0000

End at: Sat, 05 Aug 2017 19:30:21 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:44:33 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.11 Mbit/s

95th percentile per-packet one-way delay: 100.107 ms

Loss rate: 0.52%

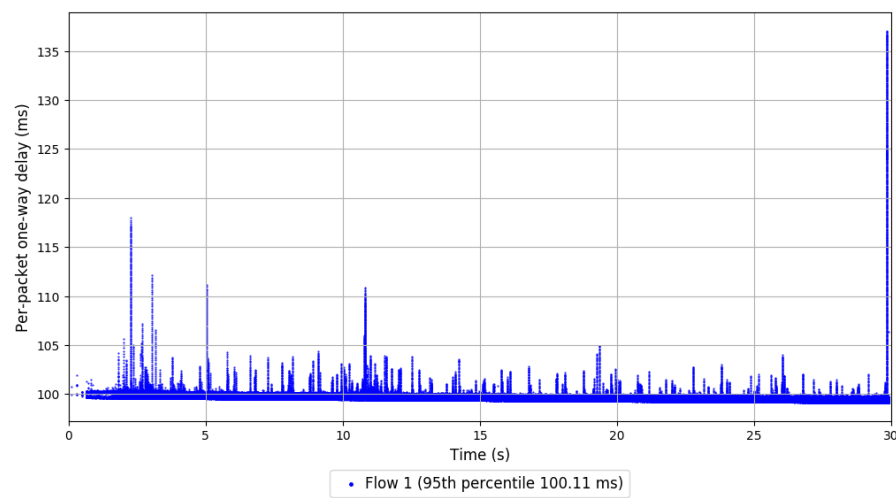
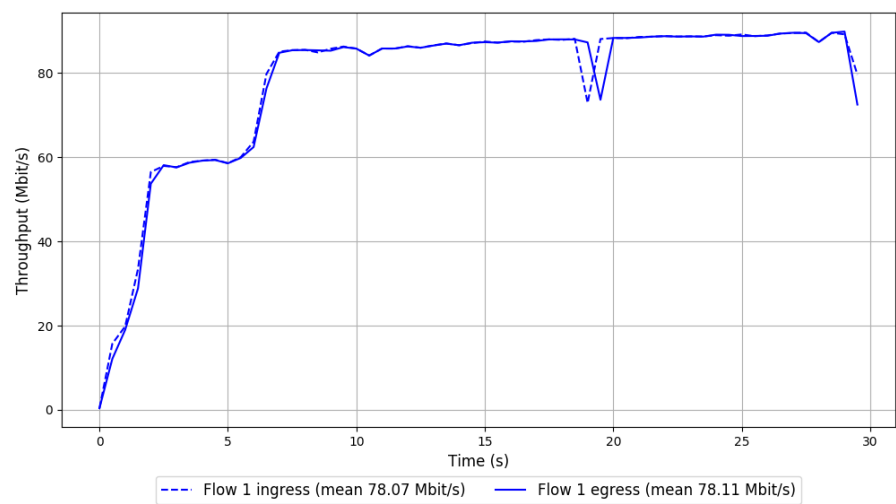
-- Flow 1:

Average throughput: 78.11 Mbit/s

95th percentile per-packet one-way delay: 100.107 ms

Loss rate: 0.52%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: Sat, 05 Aug 2017 19:41:55 +0000

End at: Sat, 05 Aug 2017 19:42:26 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:44:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.75 Mbit/s

95th percentile per-packet one-way delay: 91.792 ms

Loss rate: 0.54%

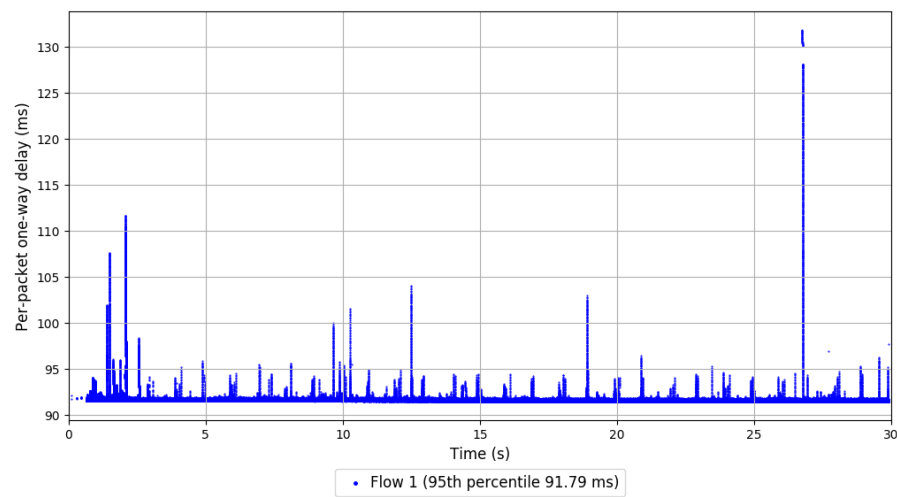
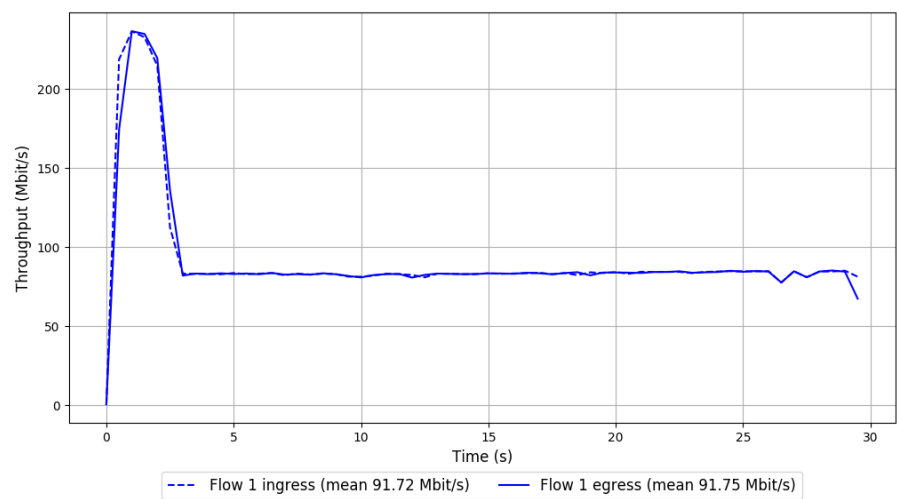
-- Flow 1:

Average throughput: 91.75 Mbit/s

95th percentile per-packet one-way delay: 91.792 ms

Loss rate: 0.54%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Sat, 05 Aug 2017 19:54:21 +0000

End at: Sat, 05 Aug 2017 19:54:51 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:45:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 107.62 Mbit/s

95th percentile per-packet one-way delay: 91.332 ms

Loss rate: 0.49%

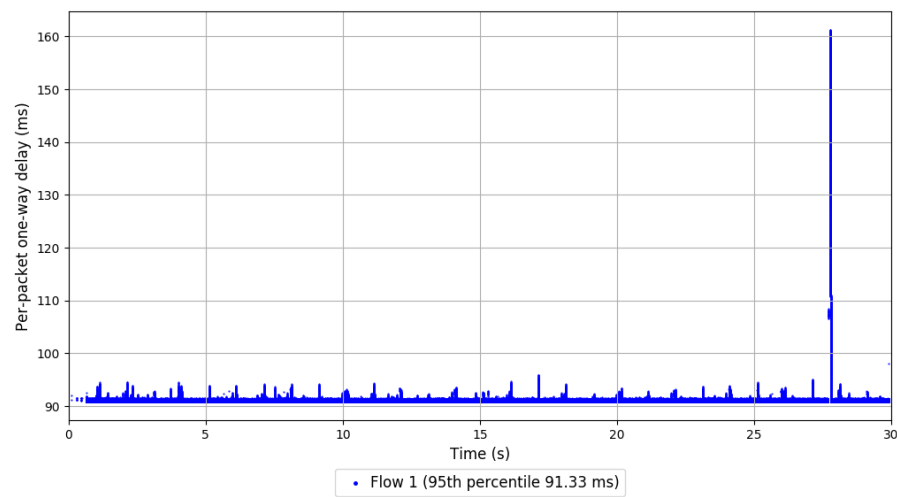
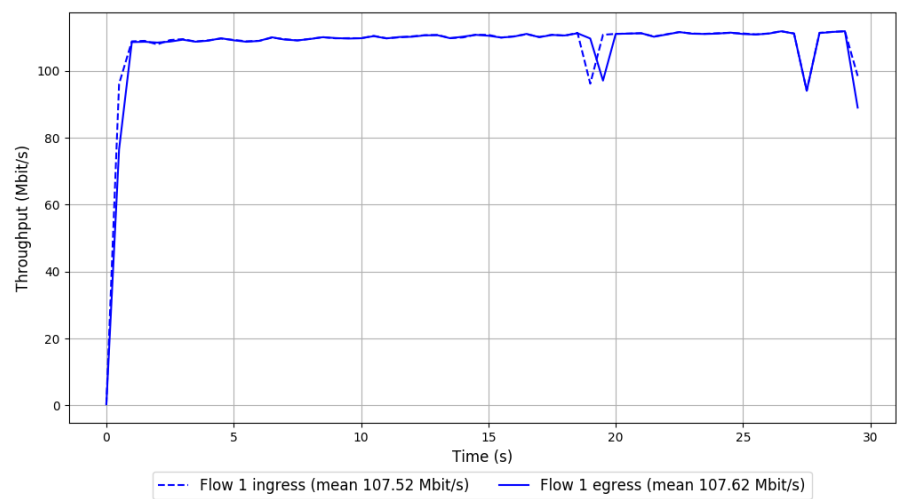
-- Flow 1:

Average throughput: 107.62 Mbit/s

95th percentile per-packet one-way delay: 91.332 ms

Loss rate: 0.49%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: Sat, 05 Aug 2017 20:05:35 +0000

End at: Sat, 05 Aug 2017 20:06:05 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:45:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 113.75 Mbit/s

95th percentile per-packet one-way delay: 92.415 ms

Loss rate: 0.29%

-- Flow 1:

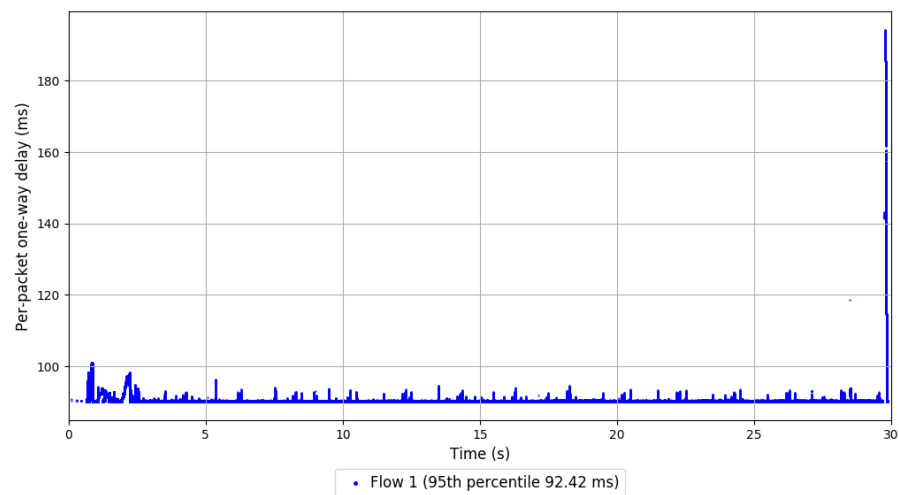
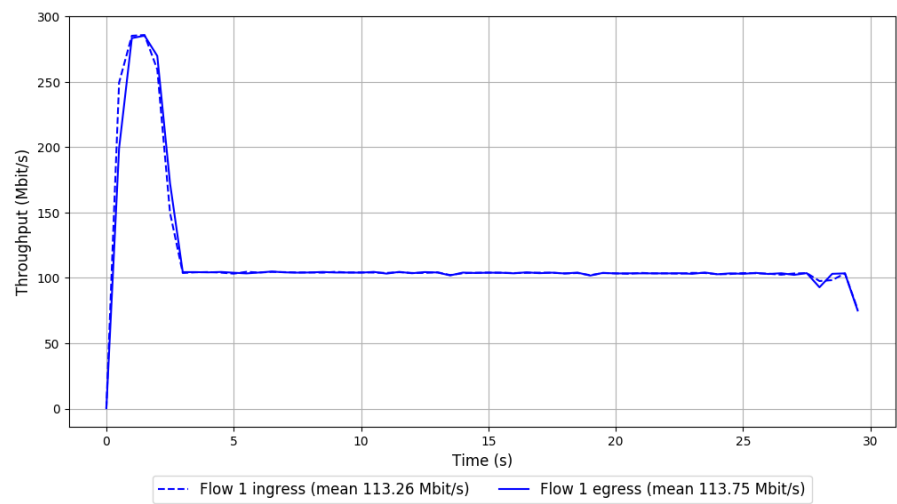
Average throughput: 113.75 Mbit/s

95th percentile per-packet one-way delay: 92.415 ms

Loss rate: 0.29%



Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Sat, 05 Aug 2017 20:17:03 +0000

End at: Sat, 05 Aug 2017 20:17:33 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:45:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 122.69 Mbit/s

95th percentile per-packet one-way delay: 91.116 ms

Loss rate: 0.54%

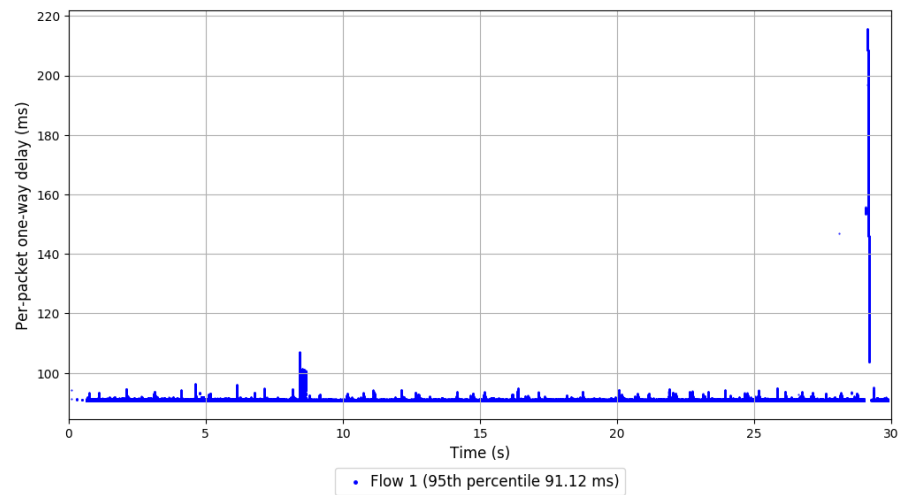
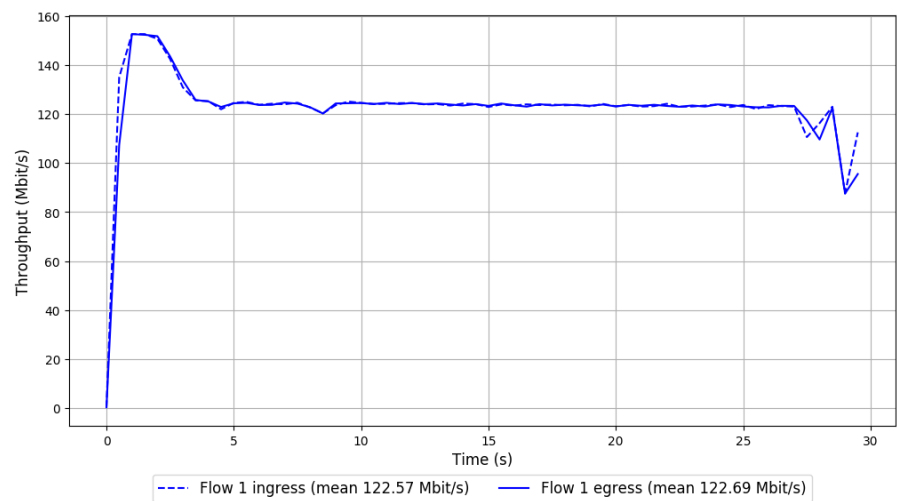
-- Flow 1:

Average throughput: 122.69 Mbit/s

95th percentile per-packet one-way delay: 91.116 ms

Loss rate: 0.54%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: Sat, 05 Aug 2017 20:28:04 +0000

End at: Sat, 05 Aug 2017 20:28:34 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:45:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.51 Mbit/s

95th percentile per-packet one-way delay: 92.547 ms

Loss rate: 0.54%

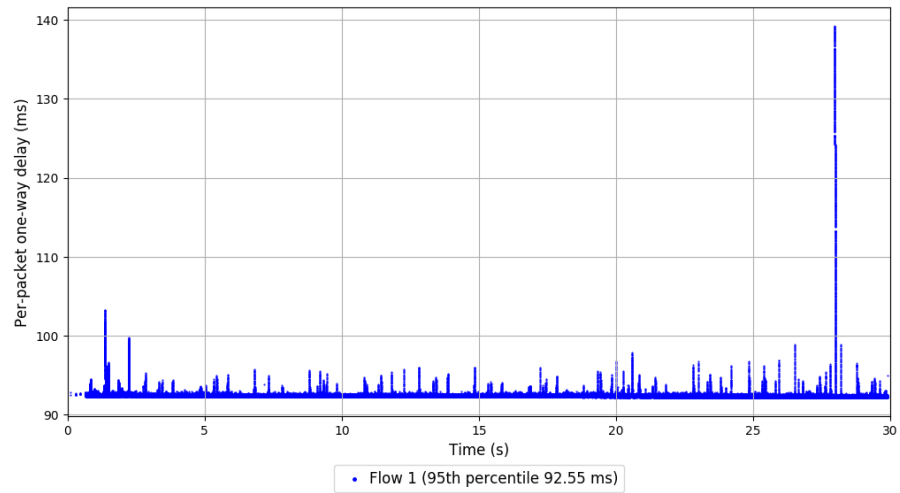
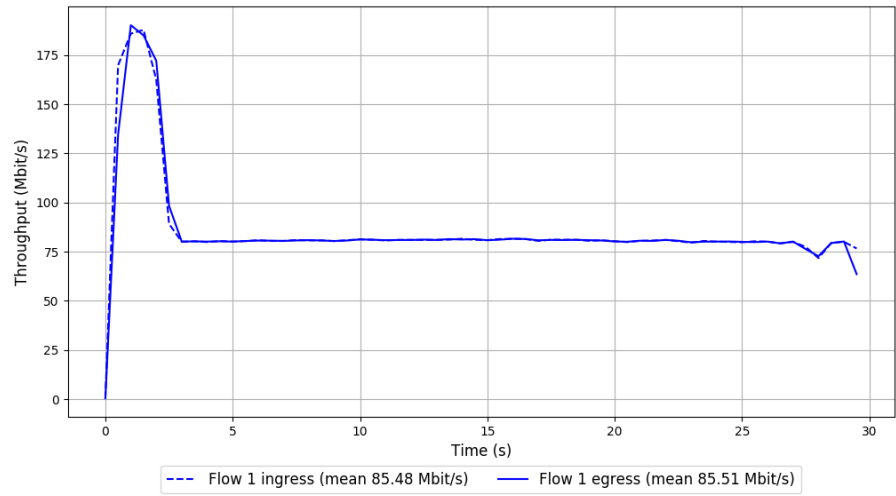
-- Flow 1:

Average throughput: 85.51 Mbit/s

95th percentile per-packet one-way delay: 92.547 ms

Loss rate: 0.54%

## Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: Sat, 05 Aug 2017 20:38:48 +0000

End at: Sat, 05 Aug 2017 20:39:18 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:46:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 113.63 Mbit/s

95th percentile per-packet one-way delay: 94.002 ms

Loss rate: 0.51%

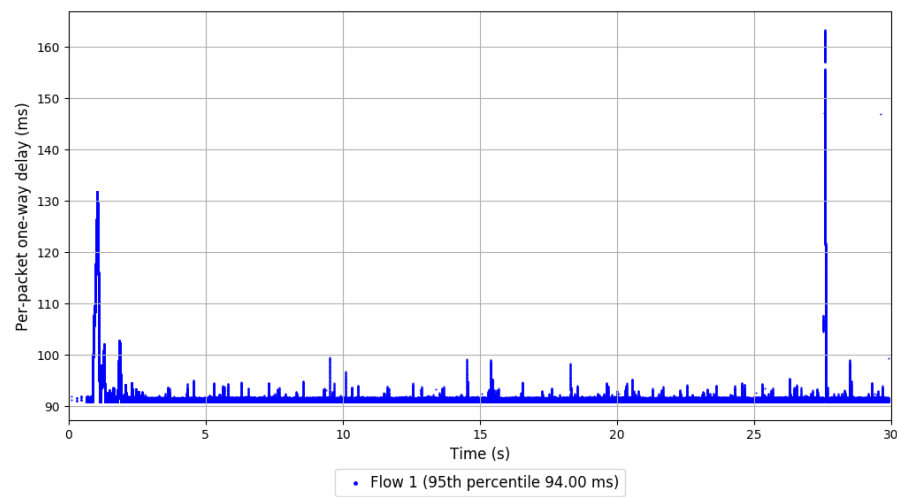
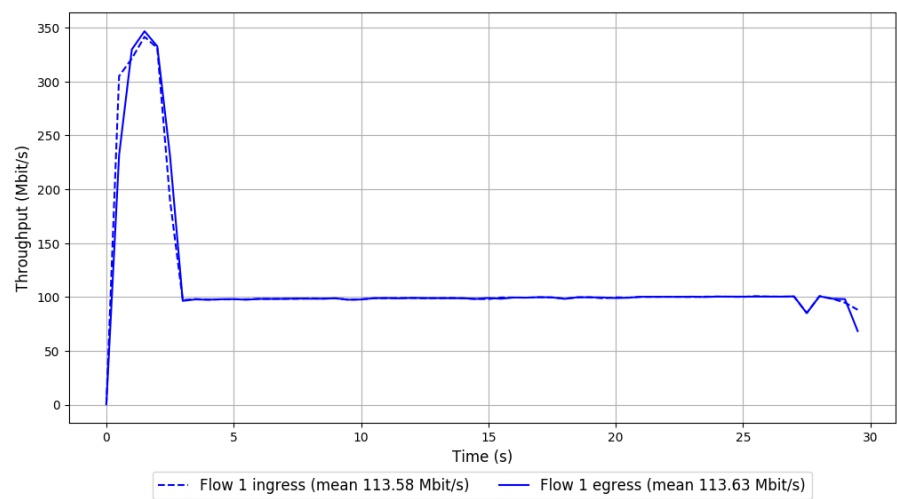
-- Flow 1:

Average throughput: 113.63 Mbit/s

95th percentile per-packet one-way delay: 94.002 ms

Loss rate: 0.51%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Sat, 05 Aug 2017 20:49:40 +0000

End at: Sat, 05 Aug 2017 20:50:10 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:46:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 130.23 Mbit/s

95th percentile per-packet one-way delay: 114.967 ms

Loss rate: 0.66%

-- Flow 1:

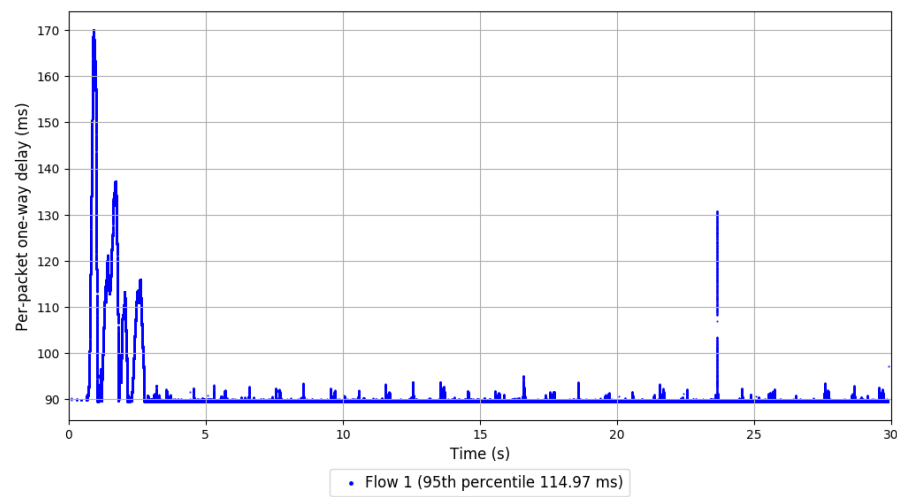
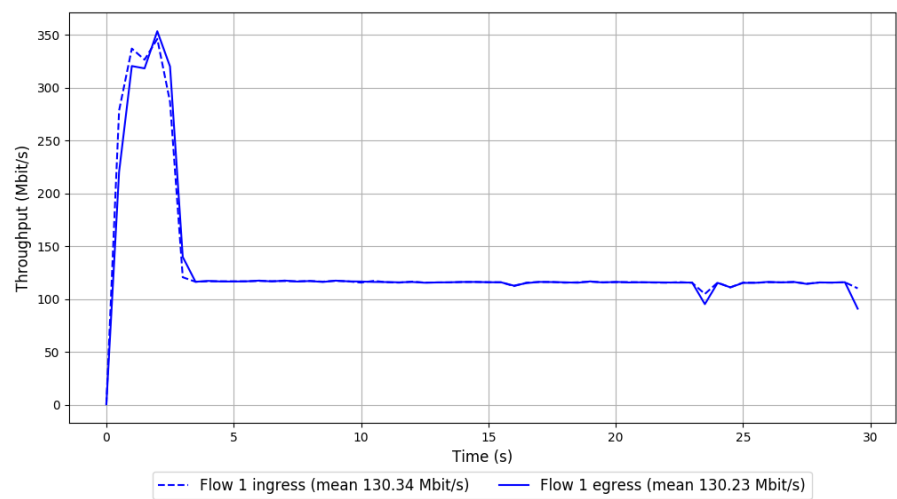
Average throughput: 130.23 Mbit/s

95th percentile per-packet one-way delay: 114.967 ms

Loss rate: 0.66%



Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: Sat, 05 Aug 2017 21:00:44 +0000

End at: Sat, 05 Aug 2017 21:01:14 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 126.98 Mbit/s

95th percentile per-packet one-way delay: 89.233 ms

Loss rate: 0.53%

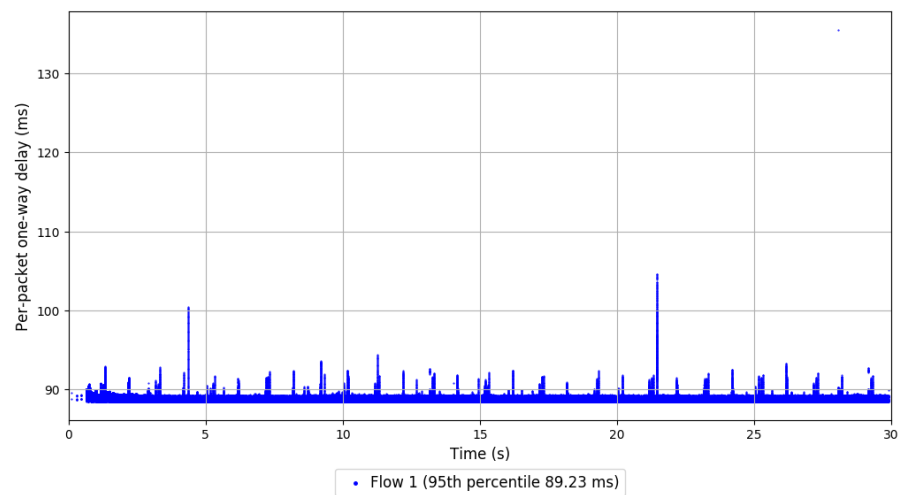
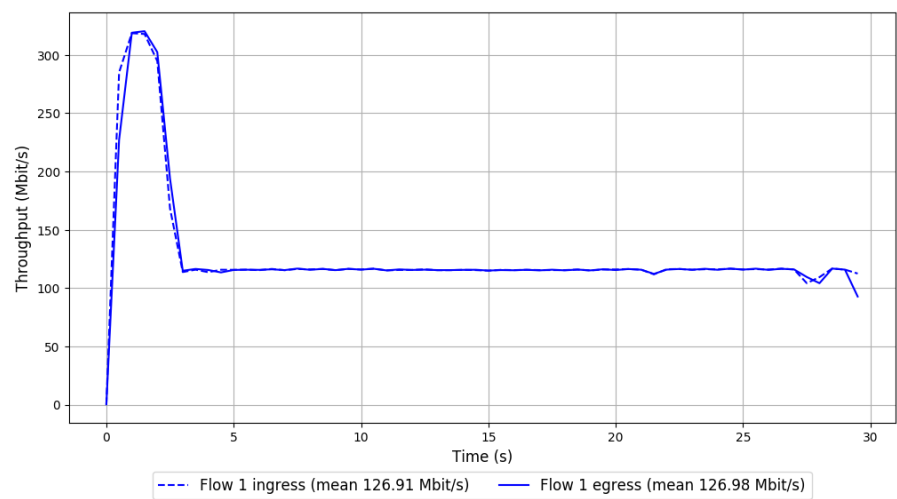
-- Flow 1:

Average throughput: 126.98 Mbit/s

95th percentile per-packet one-way delay: 89.233 ms

Loss rate: 0.53%

Run 10: Report of Copa — Data Link

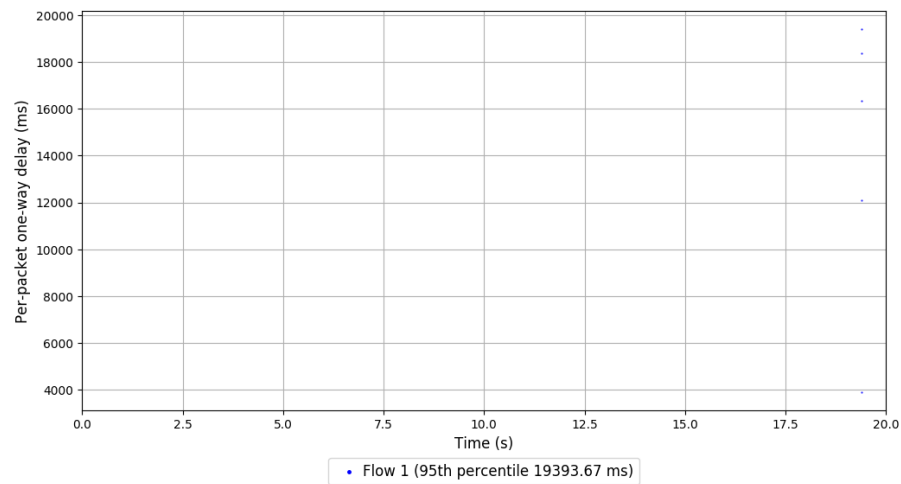
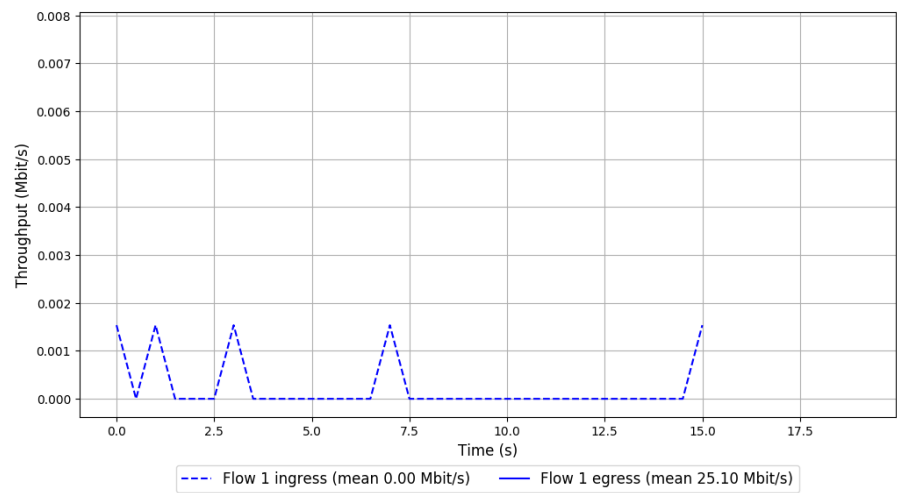


Run 1: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 19:20:45 +0000

End at: Sat, 05 Aug 2017 19:21:15 +0000

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 19:32:42 +0000

End at: Sat, 05 Aug 2017 19:33:12 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:17 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.62 Mbit/s

95th percentile per-packet one-way delay: 105.133 ms

Loss rate: 1.40%

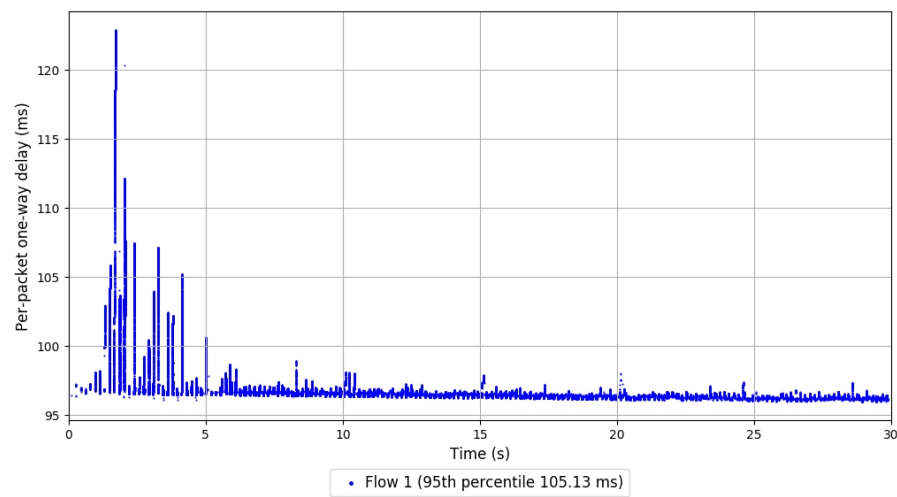
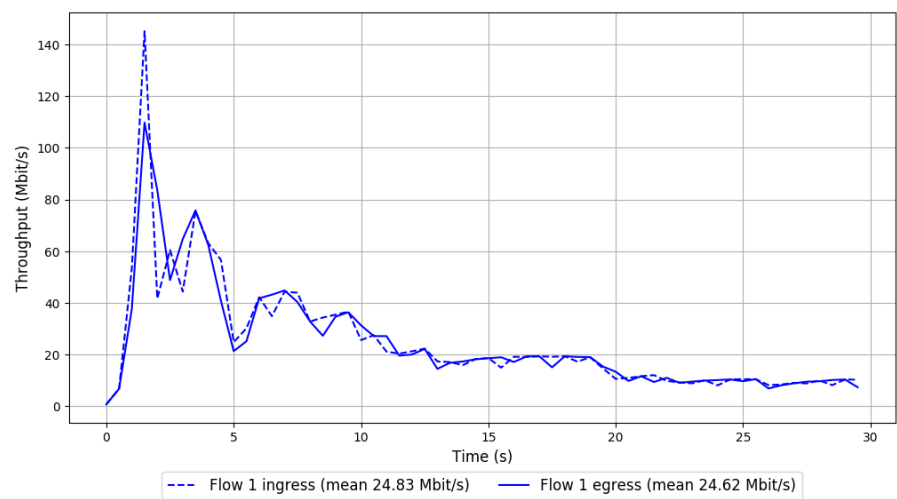
-- Flow 1:

Average throughput: 24.62 Mbit/s

95th percentile per-packet one-way delay: 105.133 ms

Loss rate: 1.40%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 19:44:52 +0000

End at: Sat, 05 Aug 2017 19:45:22 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.81 Mbit/s

95th percentile per-packet one-way delay: 92.950 ms

Loss rate: 0.75%

-- Flow 1:

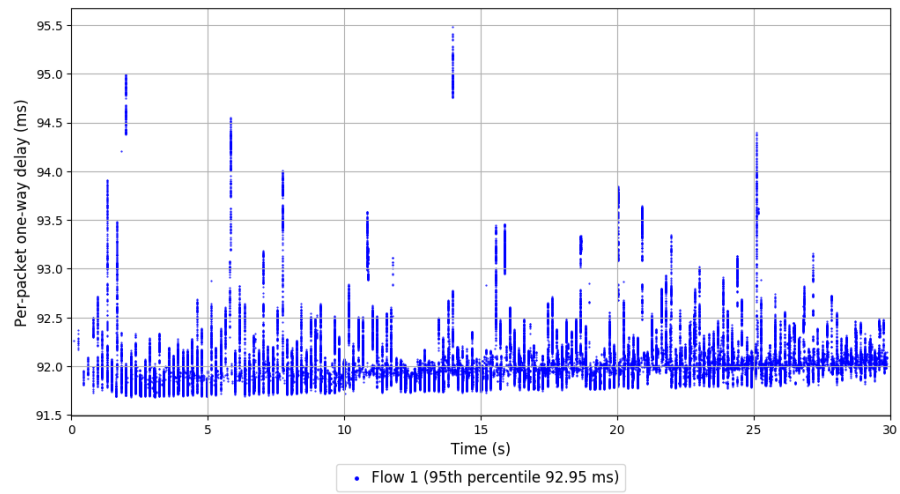
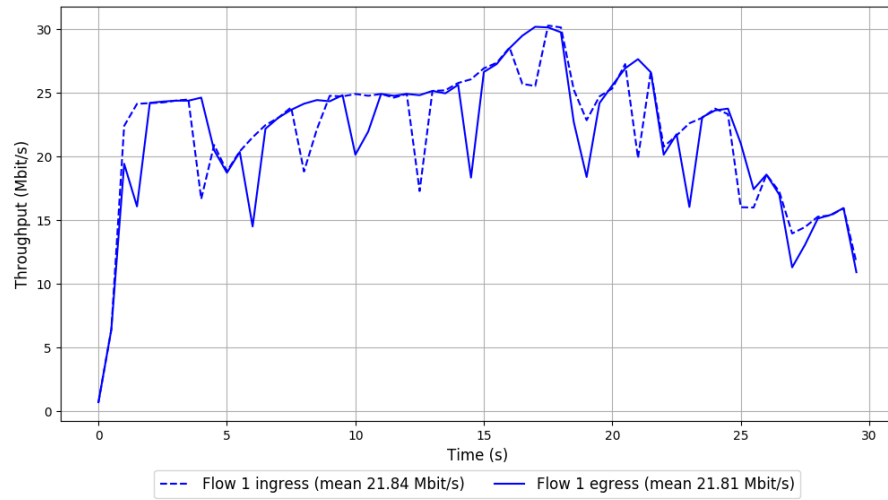
Average throughput: 21.81 Mbit/s

95th percentile per-packet one-way delay: 92.950 ms

Loss rate: 0.75%



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



Run 4: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 19:56:50 +0000

End at: Sat, 05 Aug 2017 19:57:20 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.58 Mbit/s

95th percentile per-packet one-way delay: 92.912 ms

Loss rate: 1.73%

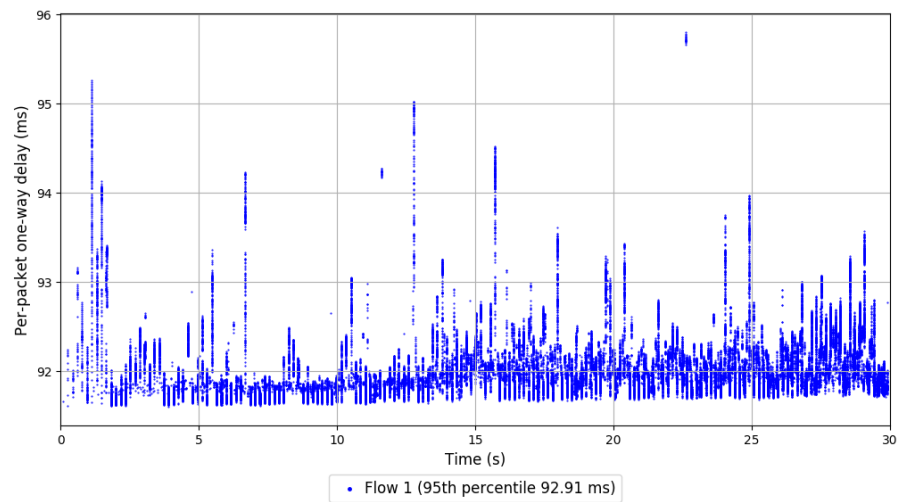
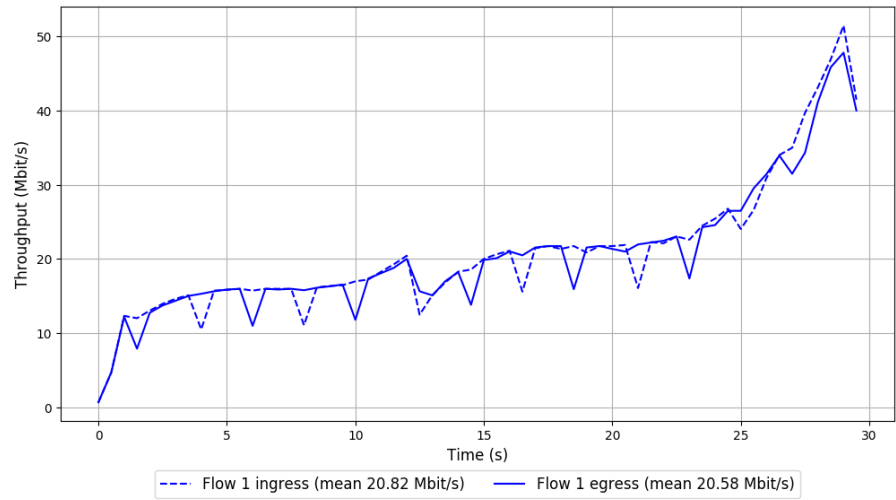
-- Flow 1:

Average throughput: 20.58 Mbit/s

95th percentile per-packet one-way delay: 92.912 ms

Loss rate: 1.73%

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



Run 5: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 20:08:02 +0000

End at: Sat, 05 Aug 2017 20:08:32 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.06 Mbit/s

95th percentile per-packet one-way delay: 92.194 ms

Loss rate: 0.66%

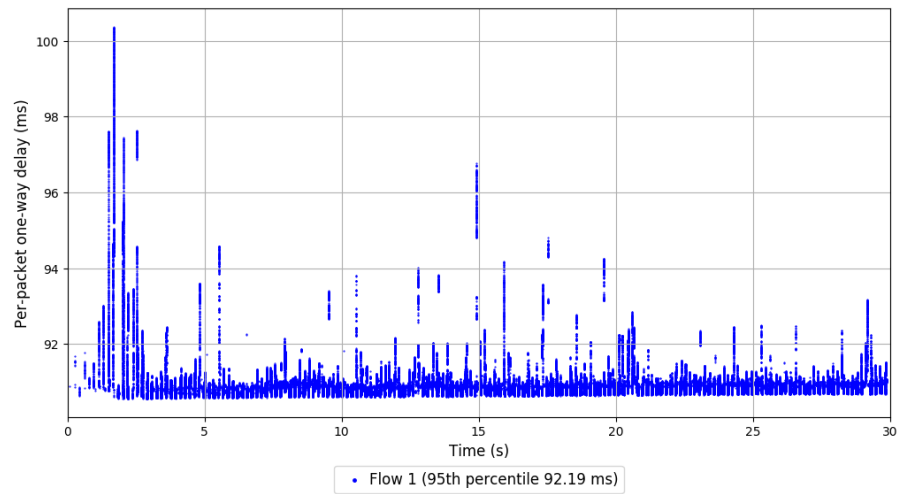
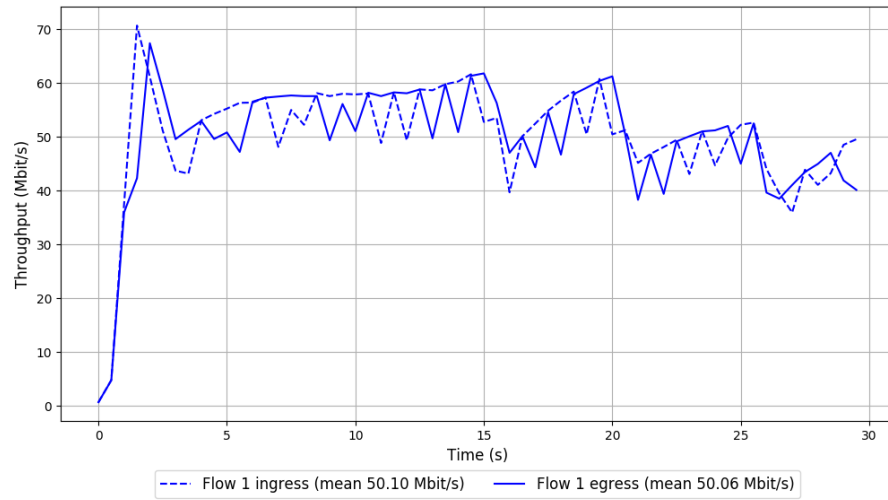
-- Flow 1:

Average throughput: 50.06 Mbit/s

95th percentile per-packet one-way delay: 92.194 ms

Loss rate: 0.66%

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

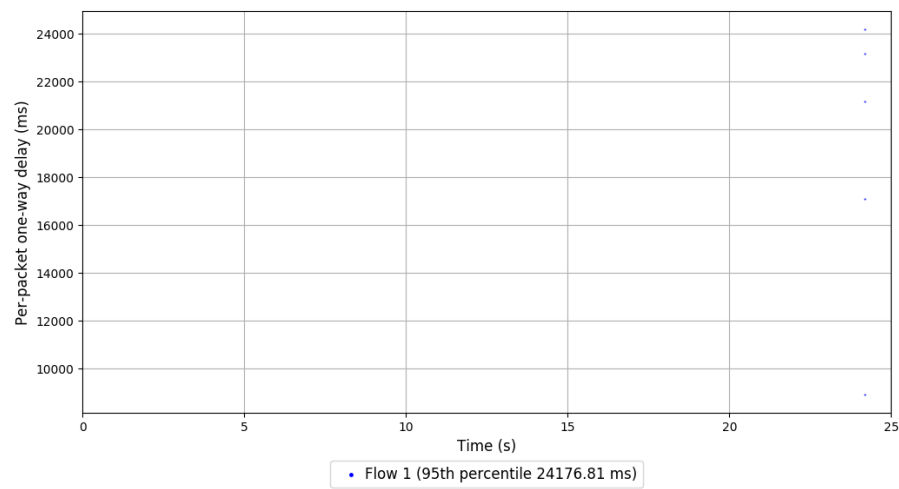
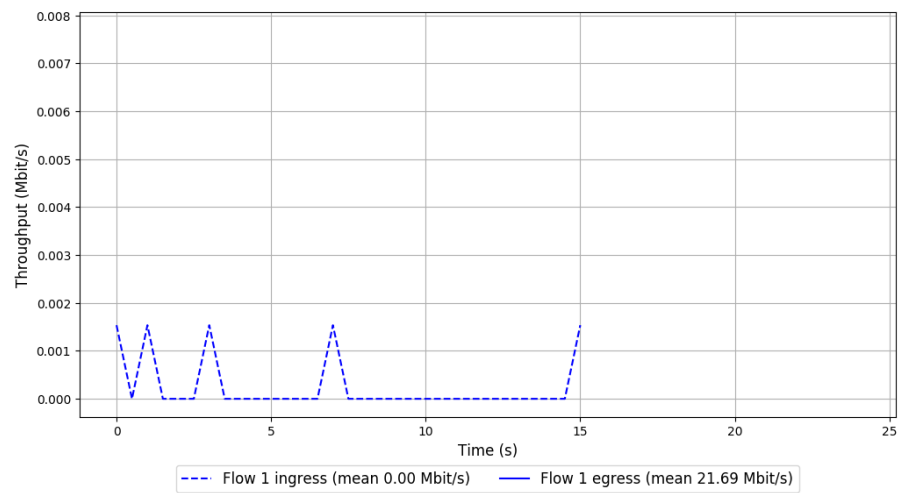


Run 6: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 20:19:31 +0000

End at: Sat, 05 Aug 2017 20:20:01 +0000

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 20:30:27 +0000

End at: Sat, 05 Aug 2017 20:30:57 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.24 Mbit/s

95th percentile per-packet one-way delay: 92.623 ms

Loss rate: 1.24%

-- Flow 1:

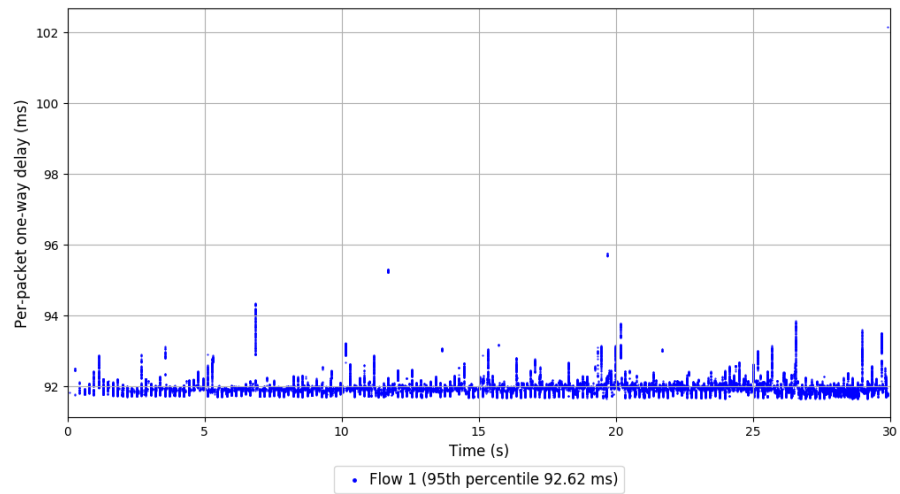
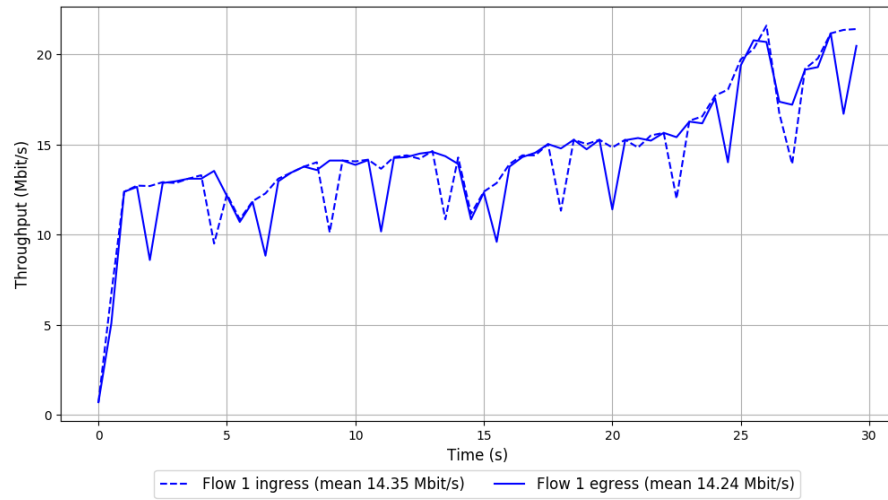
Average throughput: 14.24 Mbit/s

95th percentile per-packet one-way delay: 92.623 ms

Loss rate: 1.24%



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



Run 8: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 20:41:15 +0000

End at: Sat, 05 Aug 2017 20:41:45 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:19 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.00 Mbit/s

95th percentile per-packet one-way delay: 92.926 ms

Loss rate: 0.53%

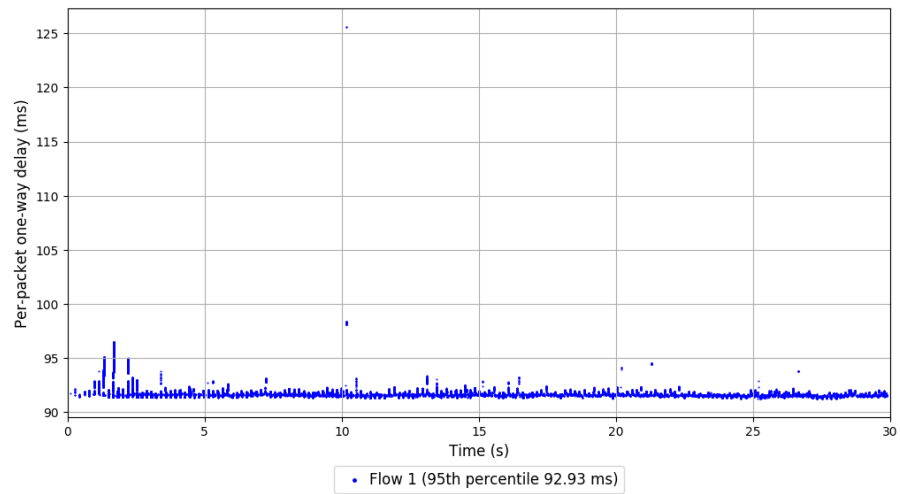
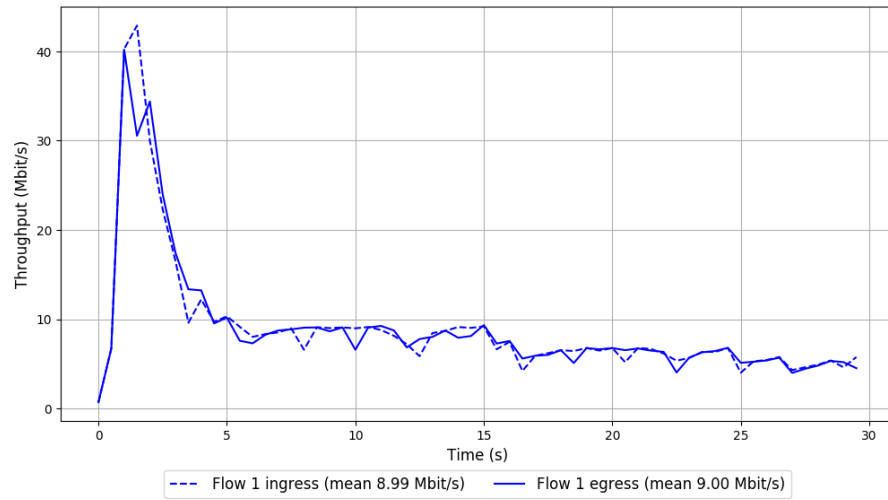
-- Flow 1:

Average throughput: 9.00 Mbit/s

95th percentile per-packet one-way delay: 92.926 ms

Loss rate: 0.53%

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



Run 9: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 20:52:09 +0000

End at: Sat, 05 Aug 2017 20:52:39 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 35.39 Mbit/s

95th percentile per-packet one-way delay: 90.325 ms

Loss rate: 1.24%

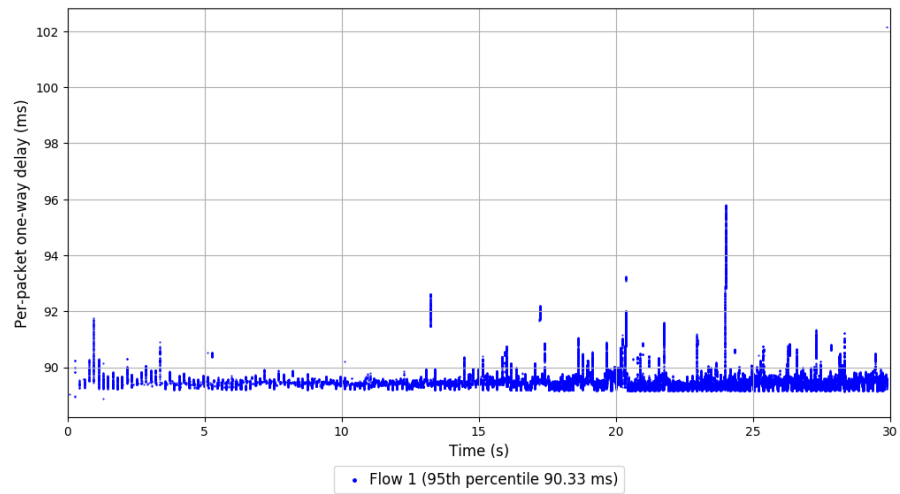
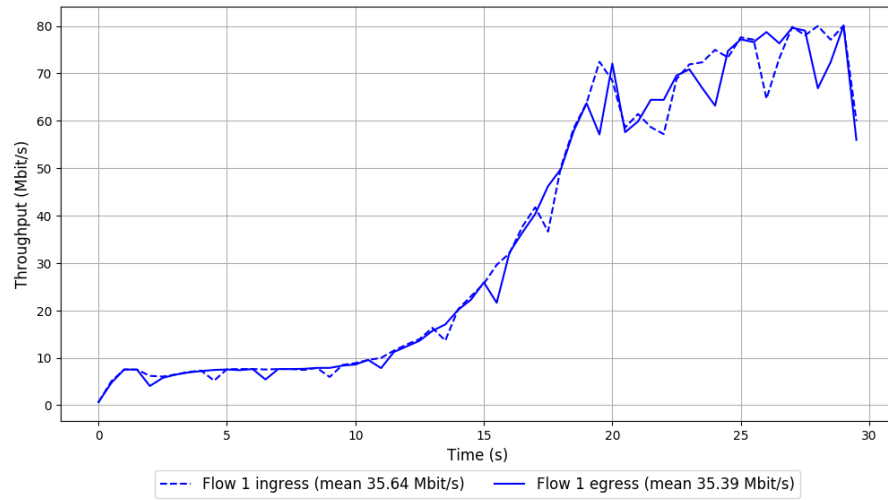
-- Flow 1:

Average throughput: 35.39 Mbit/s

95th percentile per-packet one-way delay: 90.325 ms

Loss rate: 1.24%

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



Run 10: Statistics of TCP Cubic

Start at: Sat, 05 Aug 2017 21:03:13 +0000

End at: Sat, 05 Aug 2017 21:03:43 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:26 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.78 Mbit/s

95th percentile per-packet one-way delay: 90.204 ms

Loss rate: 1.03%

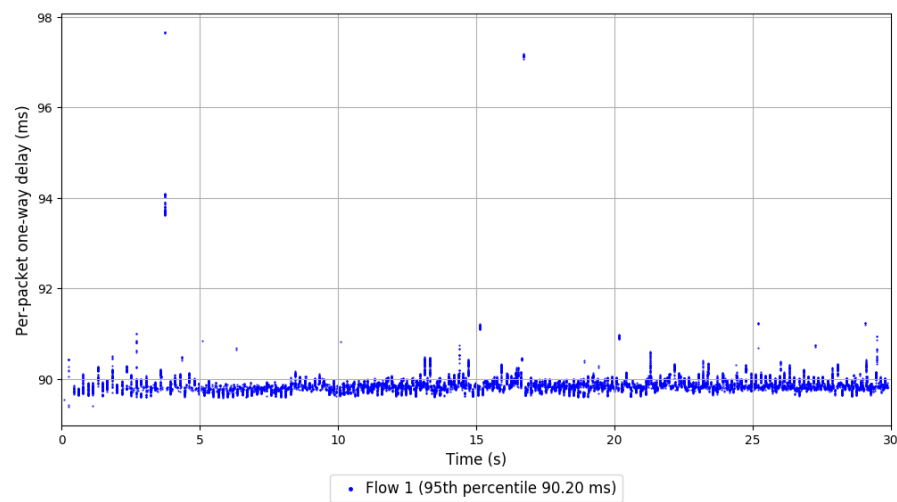
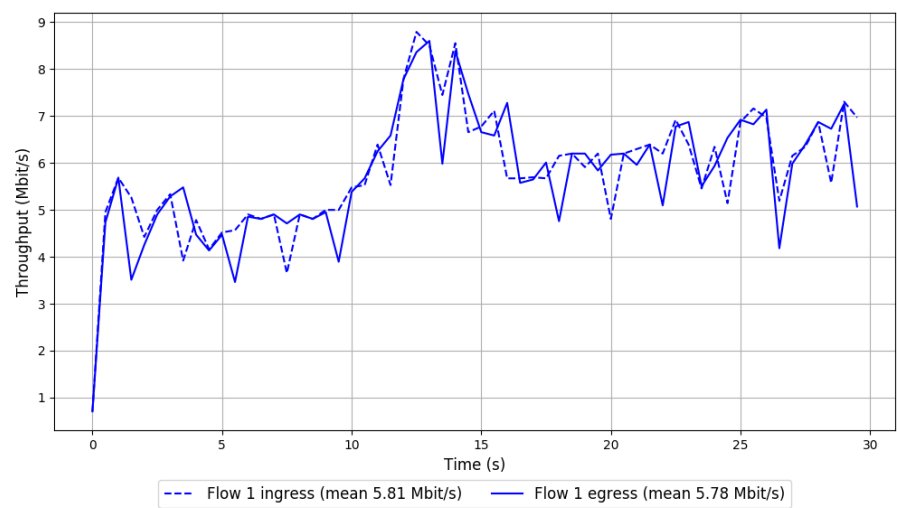
-- Flow 1:

Average throughput: 5.78 Mbit/s

95th percentile per-packet one-way delay: 90.204 ms

Loss rate: 1.03%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 19:13:35 +0000

End at: Sat, 05 Aug 2017 19:14:05 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.56 Mbit/s

95th percentile per-packet one-way delay: 110.444 ms

Loss rate: 0.73%

-- Flow 1:

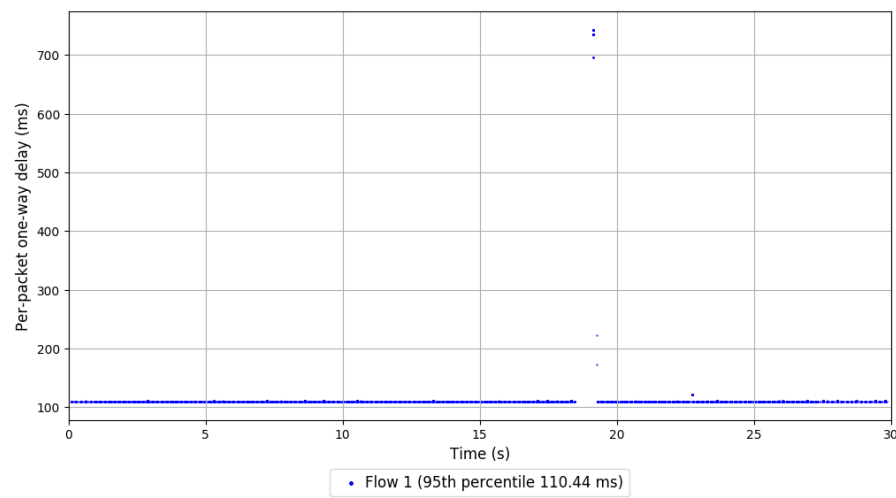
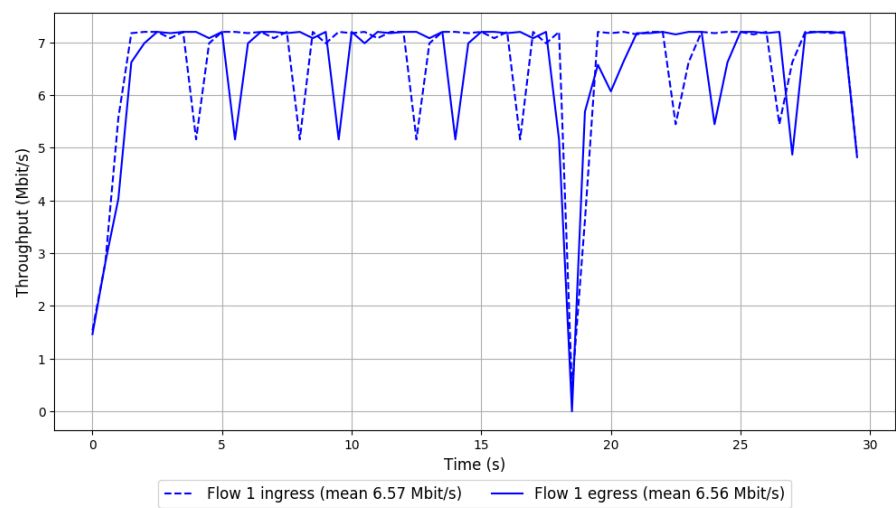
Average throughput: 6.56 Mbit/s

95th percentile per-packet one-way delay: 110.444 ms

Loss rate: 0.73%



Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 19:25:37 +0000

End at: Sat, 05 Aug 2017 19:26:07 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:27 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.75 Mbit/s

95th percentile per-packet one-way delay: 101.763 ms

Loss rate: 0.61%

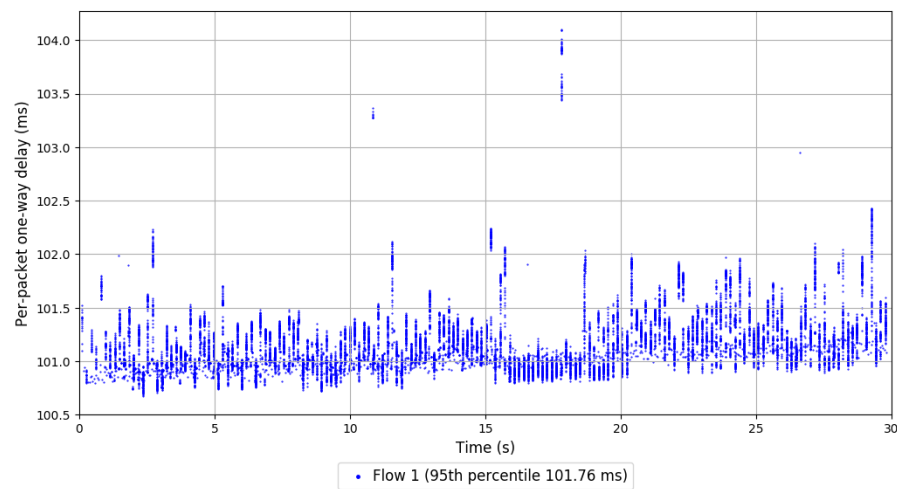
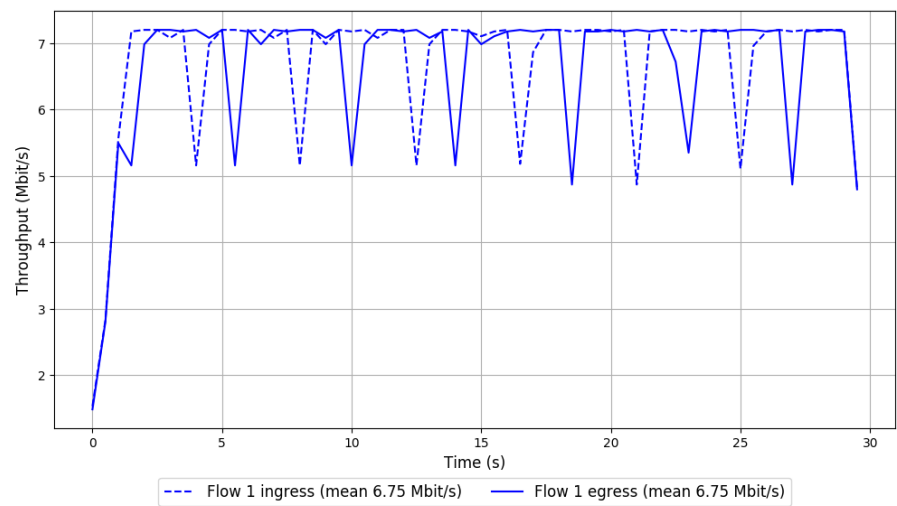
-- Flow 1:

Average throughput: 6.75 Mbit/s

95th percentile per-packet one-way delay: 101.763 ms

Loss rate: 0.61%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 19:37:31 +0000

End at: Sat, 05 Aug 2017 19:38:01 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 94.042 ms

Loss rate: 0.70%

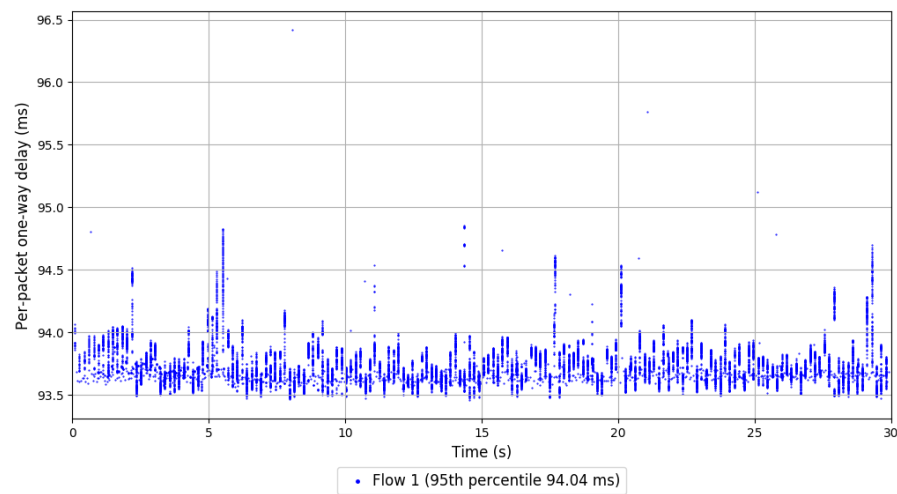
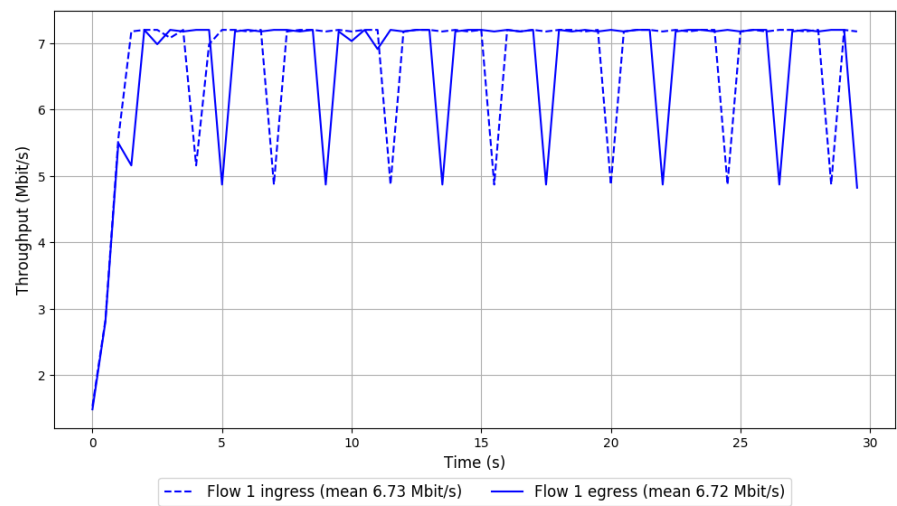
-- Flow 1:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 94.042 ms

Loss rate: 0.70%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 19:50:02 +0000

End at: Sat, 05 Aug 2017 19:50:32 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:30 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 93.573 ms

Loss rate: 0.67%

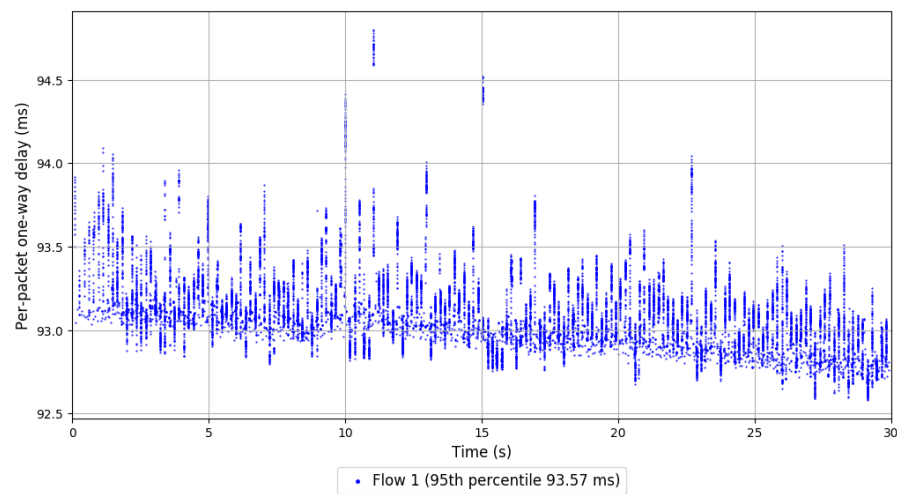
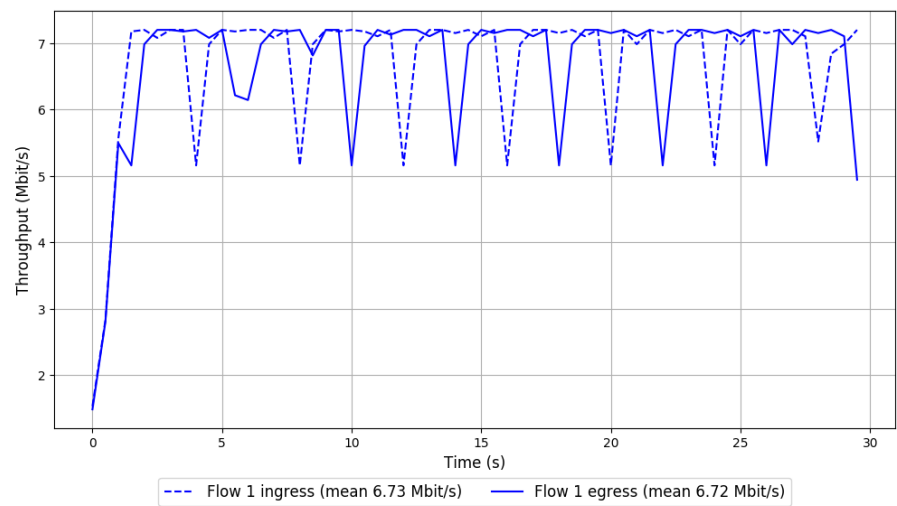
-- Flow 1:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 93.573 ms

Loss rate: 0.67%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 20:01:19 +0000

End at: Sat, 05 Aug 2017 20:01:50 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 91.223 ms

Loss rate: 0.62%

-- Flow 1:

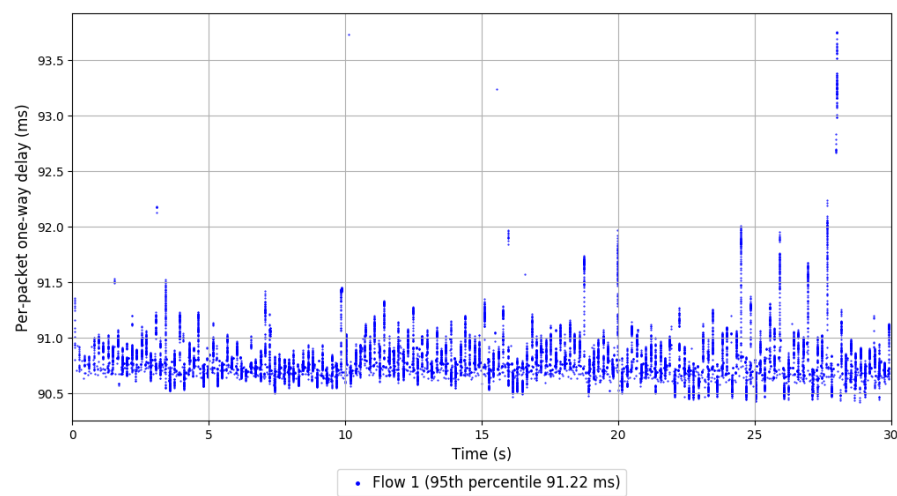
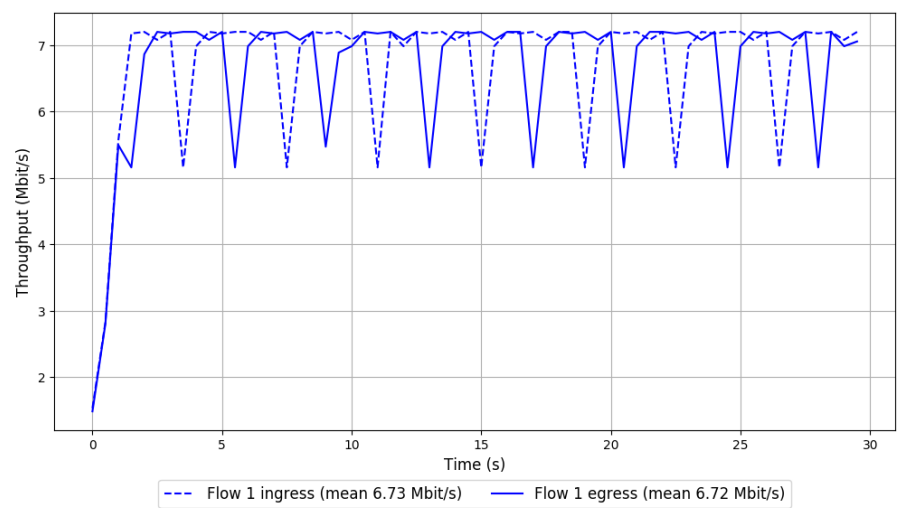
Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 91.223 ms

Loss rate: 0.62%



Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 20:12:35 +0000

End at: Sat, 05 Aug 2017 20:13:05 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:32 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.73 Mbit/s

95th percentile per-packet one-way delay: 91.258 ms

Loss rate: 0.61%

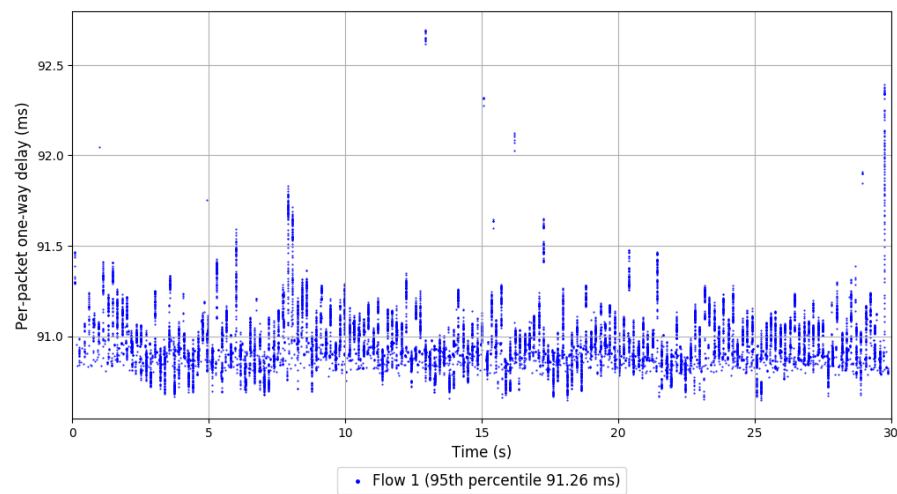
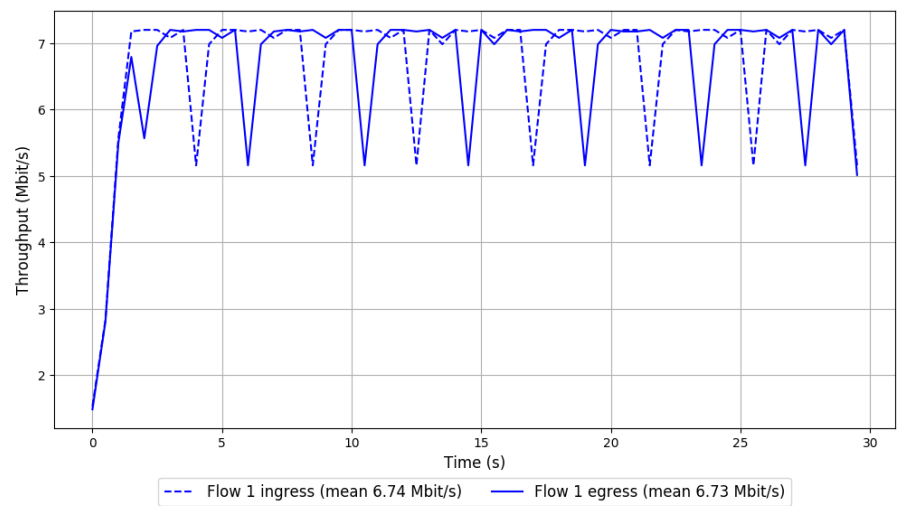
-- Flow 1:

Average throughput: 6.73 Mbit/s

95th percentile per-packet one-way delay: 91.258 ms

Loss rate: 0.61%

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 20:23:56 +0000

End at: Sat, 05 Aug 2017 20:24:26 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:35 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.74 Mbit/s

95th percentile per-packet one-way delay: 92.613 ms

Loss rate: 0.63%

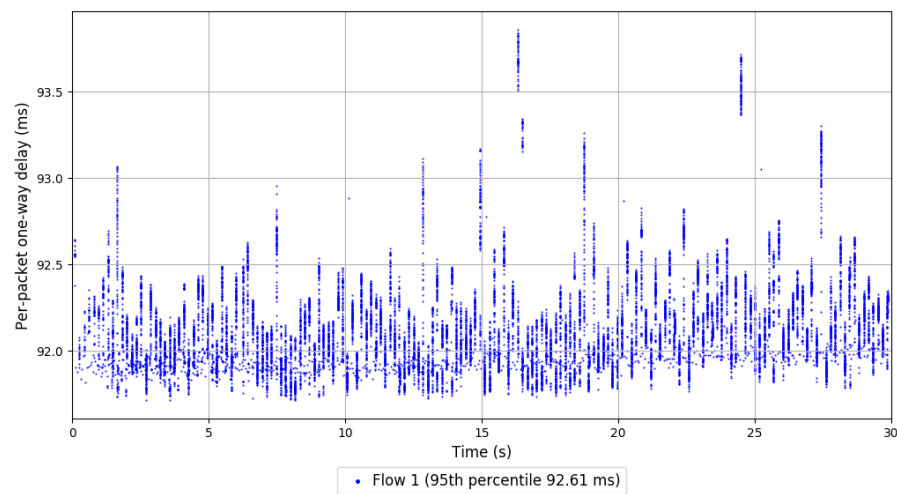
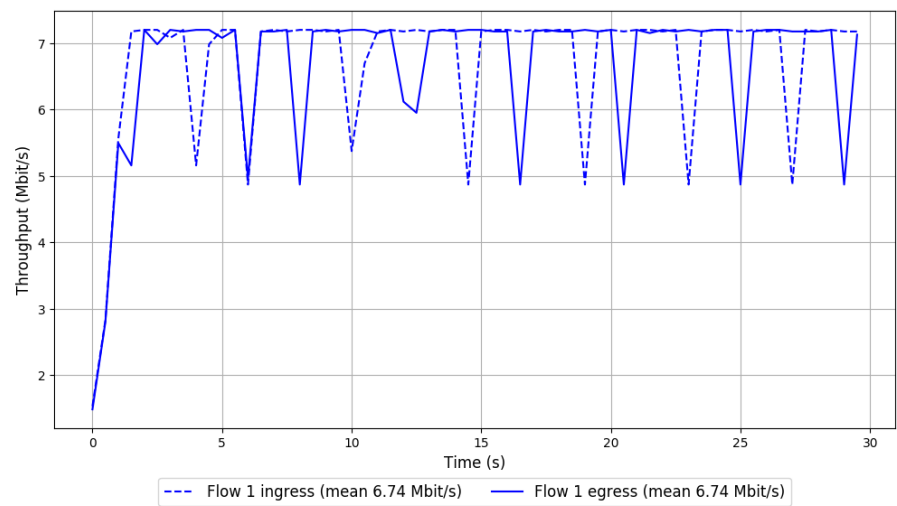
-- Flow 1:

Average throughput: 6.74 Mbit/s

95th percentile per-packet one-way delay: 92.613 ms

Loss rate: 0.63%

Run 7: Report of KohoCC — Data Link

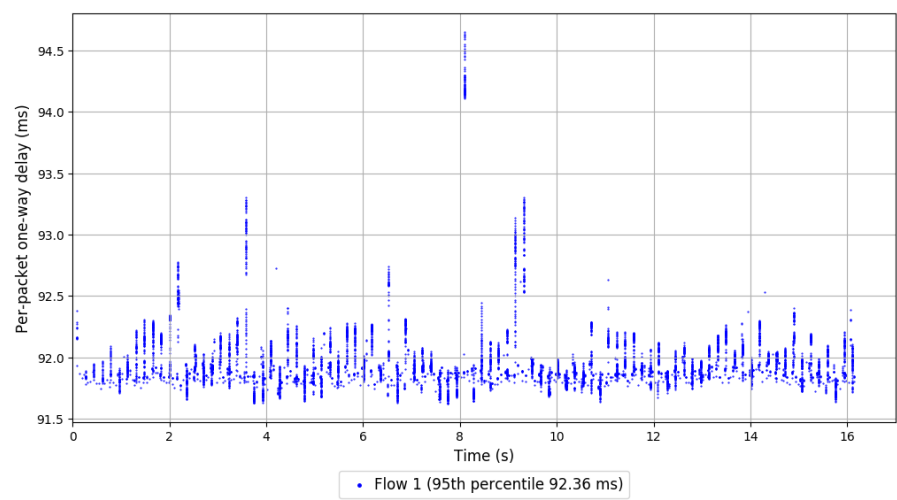
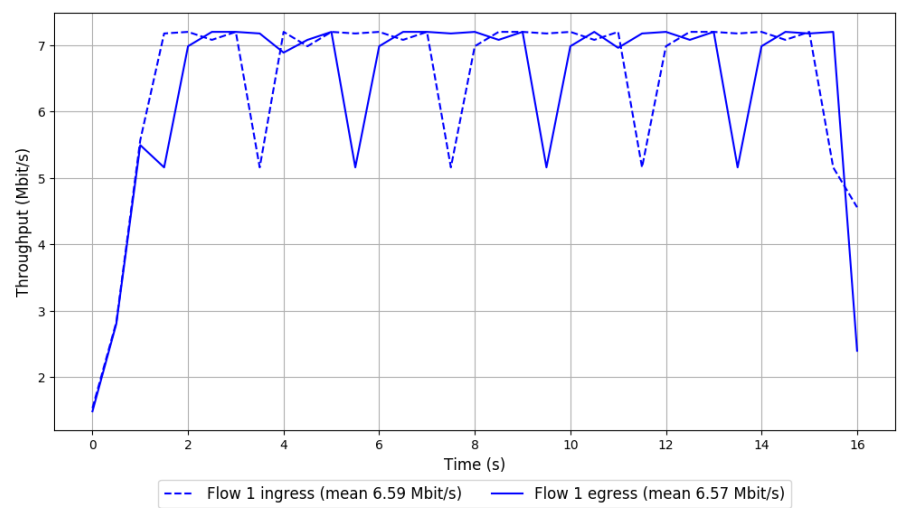


Run 8: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 20:34:42 +0000

End at: Sat, 05 Aug 2017 20:35:13 +0000

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 20:45:33 +0000

End at: Sat, 05 Aug 2017 20:46:03 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:37 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.73 Mbit/s

95th percentile per-packet one-way delay: 91.184 ms

Loss rate: 0.60%

-- Flow 1:

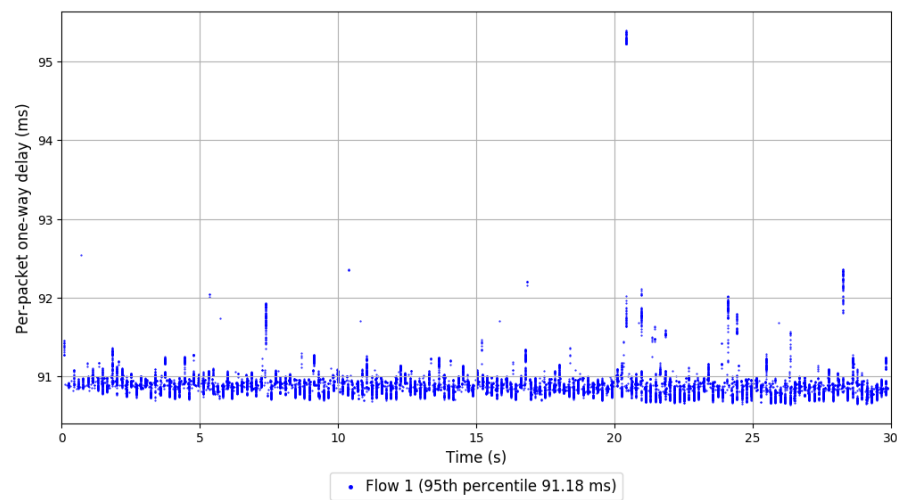
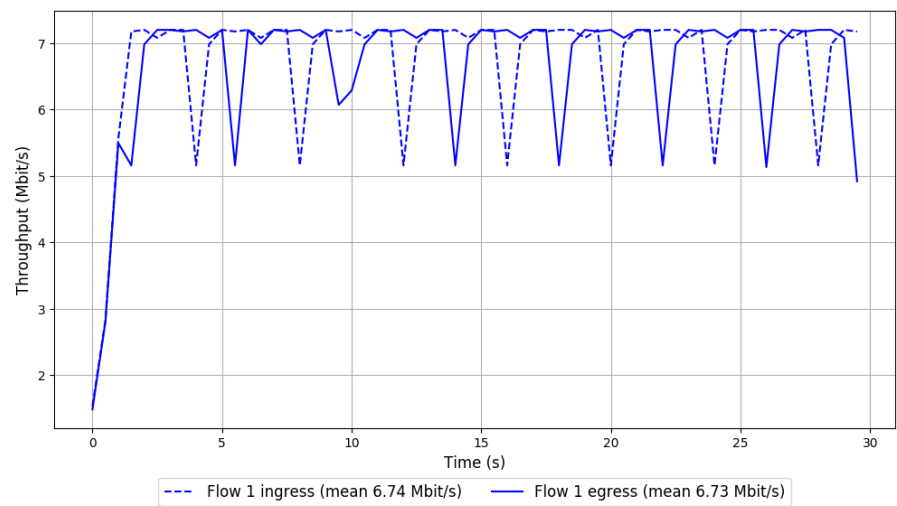
Average throughput: 6.73 Mbit/s

95th percentile per-packet one-way delay: 91.184 ms

Loss rate: 0.60%



Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: Sat, 05 Aug 2017 20:56:37 +0000

End at: Sat, 05 Aug 2017 20:57:07 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:38 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 89.794 ms

Loss rate: 0.71%

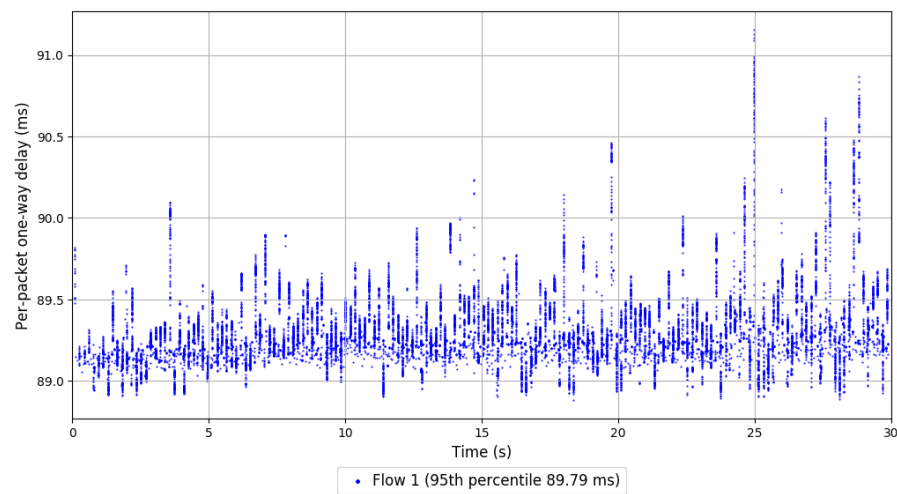
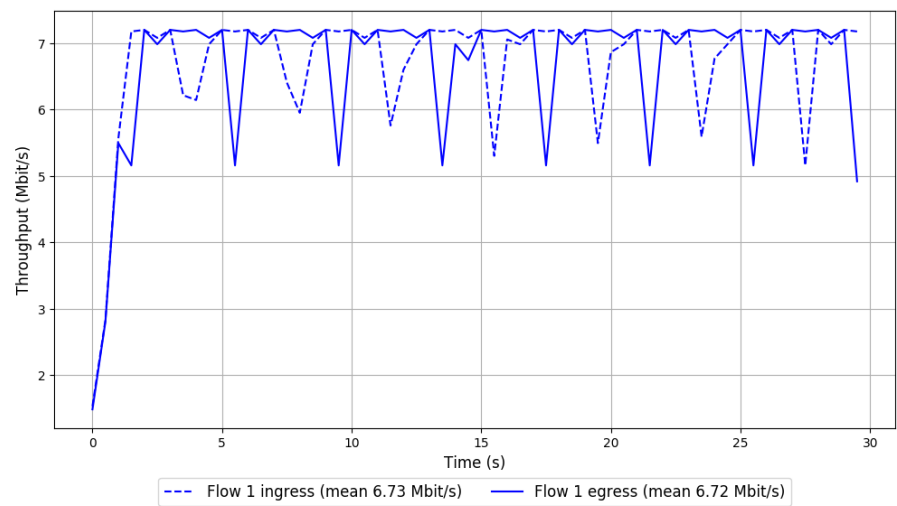
-- Flow 1:

Average throughput: 6.72 Mbit/s

95th percentile per-packet one-way delay: 89.794 ms

Loss rate: 0.71%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 19:18:41 +0000

End at: Sat, 05 Aug 2017 19:19:11 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.56 Mbit/s

95th percentile per-packet one-way delay: 107.376 ms

Loss rate: 1.09%

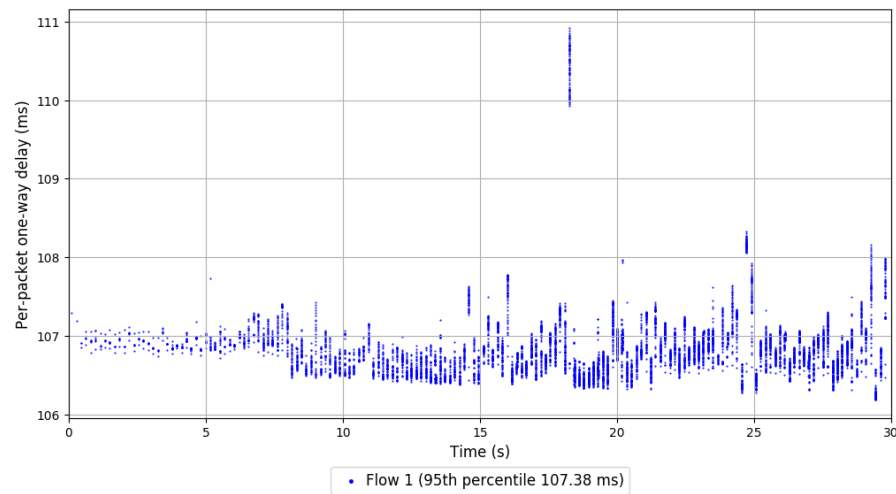
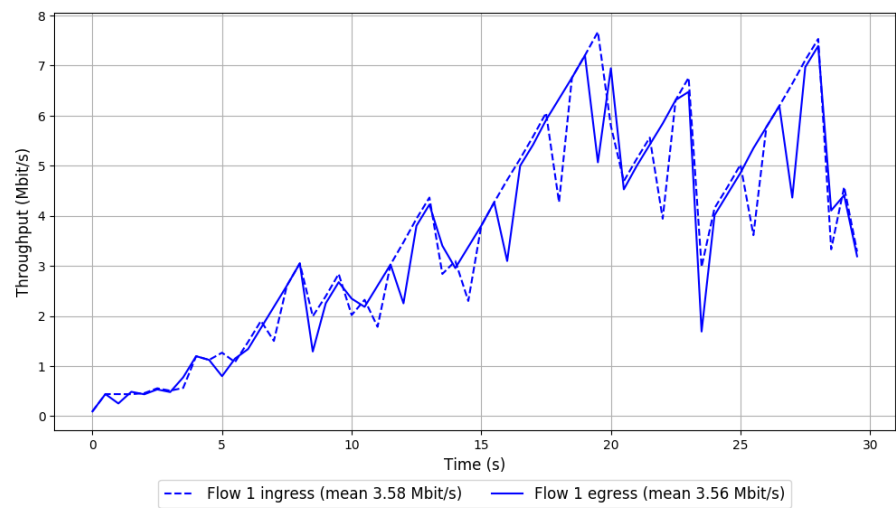
-- Flow 1:

Average throughput: 3.56 Mbit/s

95th percentile per-packet one-way delay: 107.376 ms

Loss rate: 1.09%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 19:30:49 +0000

End at: Sat, 05 Aug 2017 19:31:19 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:40 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.29 Mbit/s

95th percentile per-packet one-way delay: 99.669 ms

Loss rate: 1.24%

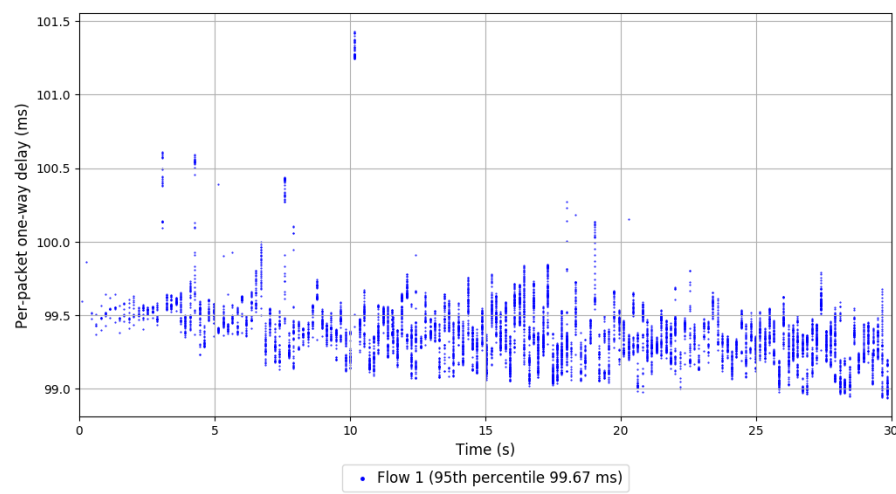
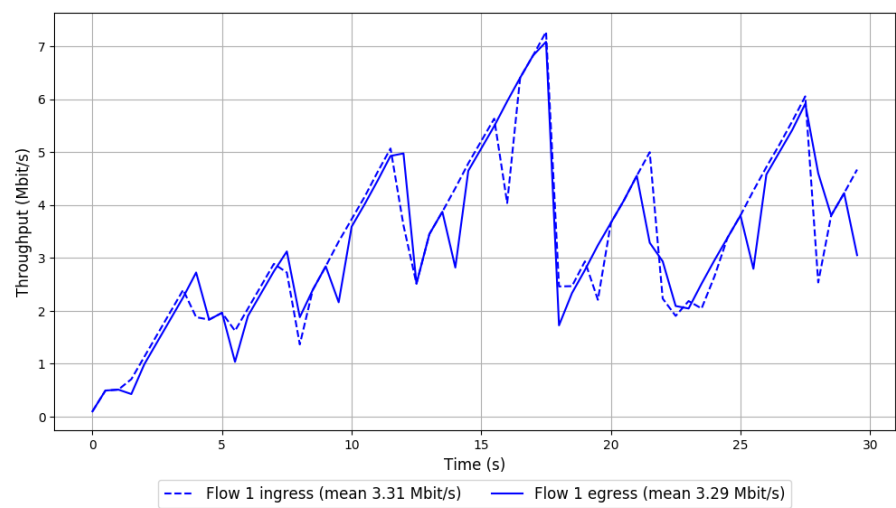
-- Flow 1:

Average throughput: 3.29 Mbit/s

95th percentile per-packet one-way delay: 99.669 ms

Loss rate: 1.24%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 19:42:57 +0000

End at: Sat, 05 Aug 2017 19:43:27 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.09 Mbit/s

95th percentile per-packet one-way delay: 92.187 ms

Loss rate: 1.95%

-- Flow 1:

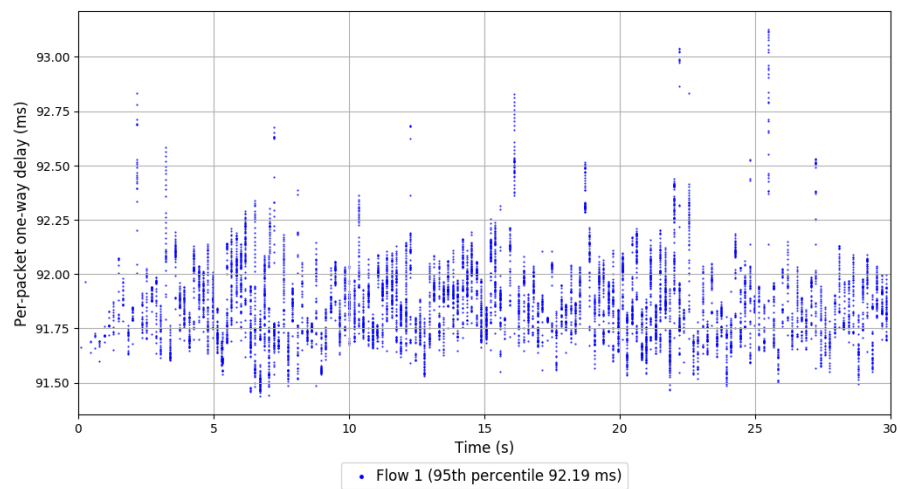
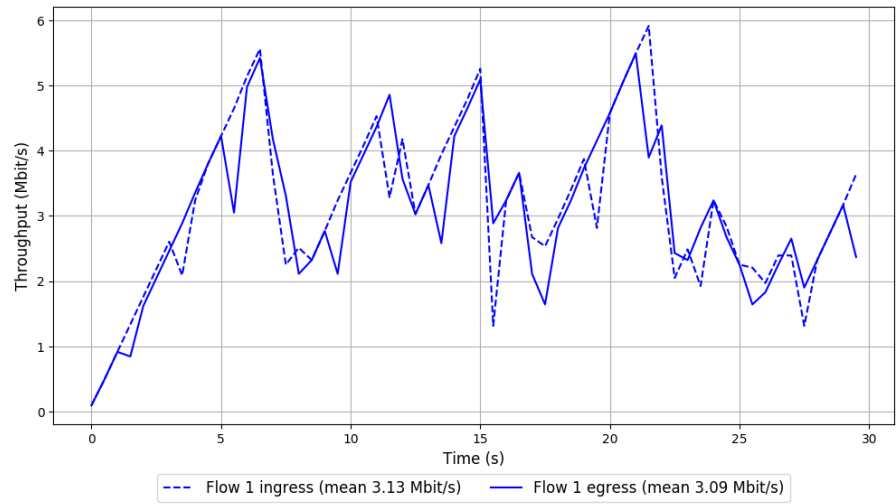
Average throughput: 3.09 Mbit/s

95th percentile per-packet one-way delay: 92.187 ms

Loss rate: 1.95%



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



Run 4: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 19:55:12 +0000

End at: Sat, 05 Aug 2017 19:55:42 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:42 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.69 Mbit/s

95th percentile per-packet one-way delay: 92.216 ms

Loss rate: 0.82%

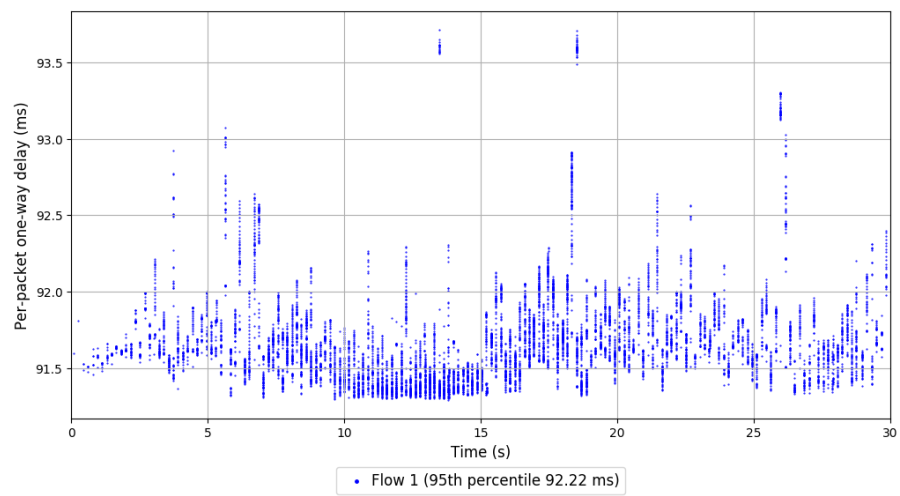
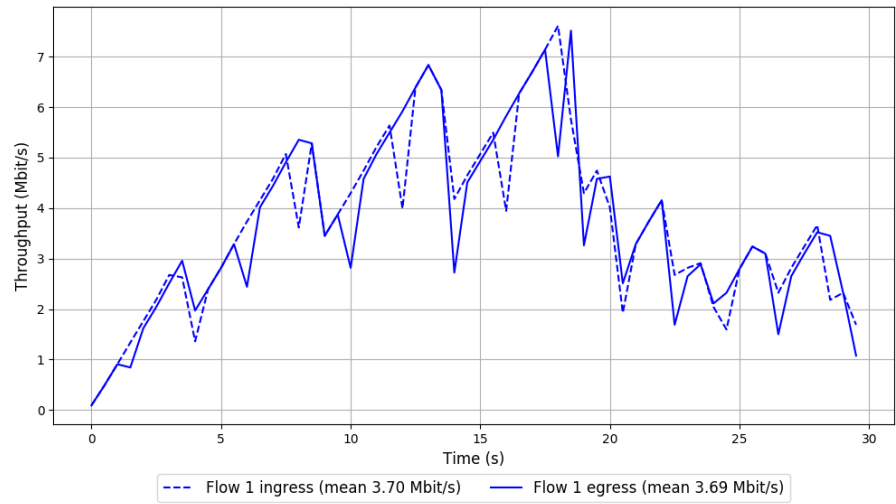
-- Flow 1:

Average throughput: 3.69 Mbit/s

95th percentile per-packet one-way delay: 92.216 ms

Loss rate: 0.82%

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



Run 5: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 20:06:26 +0000

End at: Sat, 05 Aug 2017 20:06:56 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 91.245 ms

Loss rate: 1.50%

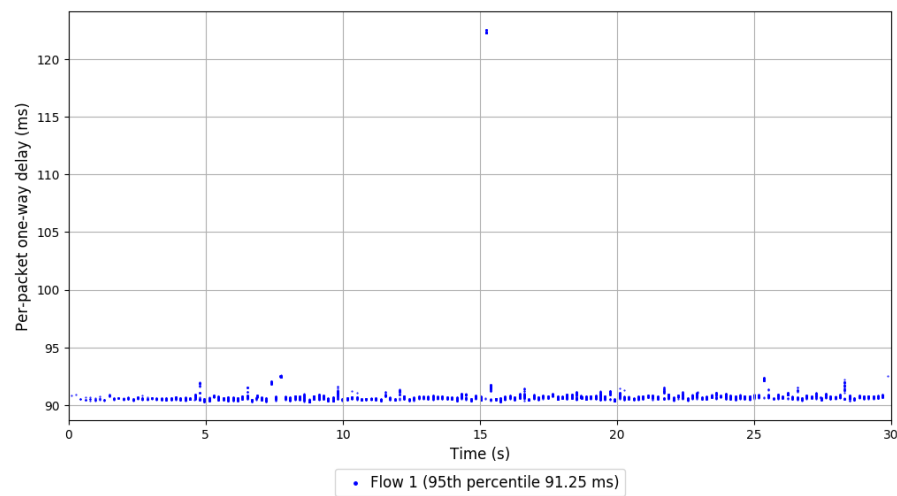
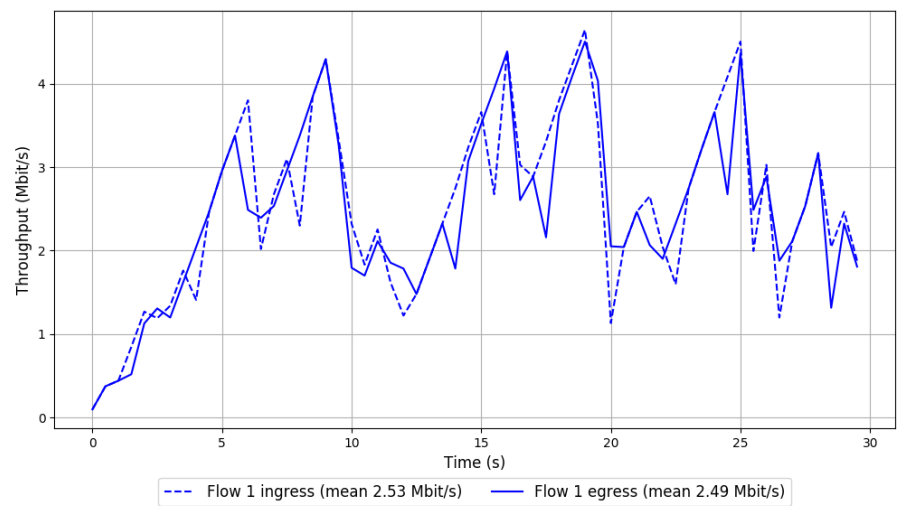
-- Flow 1:

Average throughput: 2.49 Mbit/s

95th percentile per-packet one-way delay: 91.245 ms

Loss rate: 1.50%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 20:17:55 +0000

End at: Sat, 05 Aug 2017 20:18:25 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.09 Mbit/s

95th percentile per-packet one-way delay: 91.826 ms

Loss rate: 1.60%

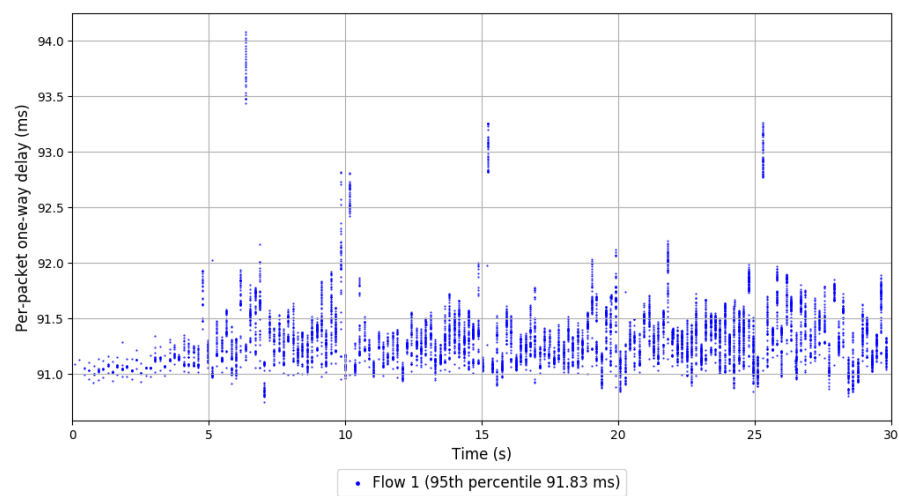
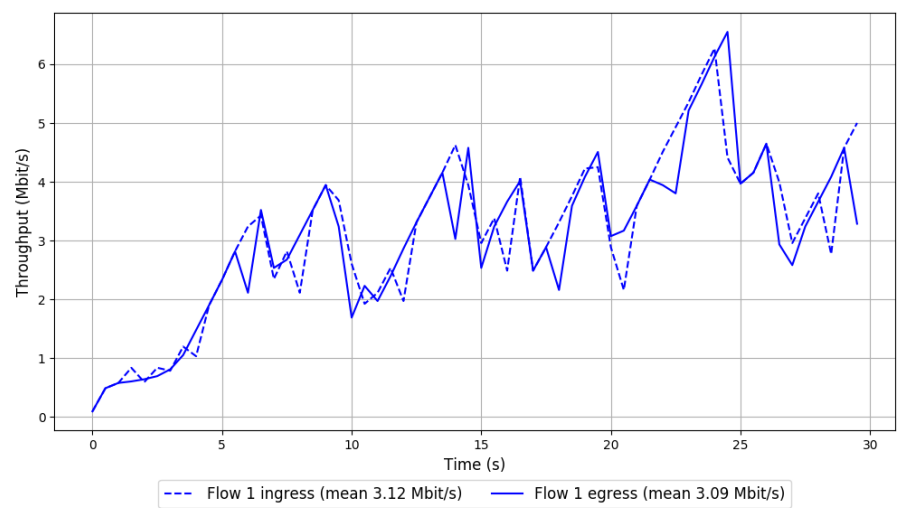
-- Flow 1:

Average throughput: 3.09 Mbit/s

95th percentile per-packet one-way delay: 91.826 ms

Loss rate: 1.60%

Run 6: Report of LEDBAT — Data Link



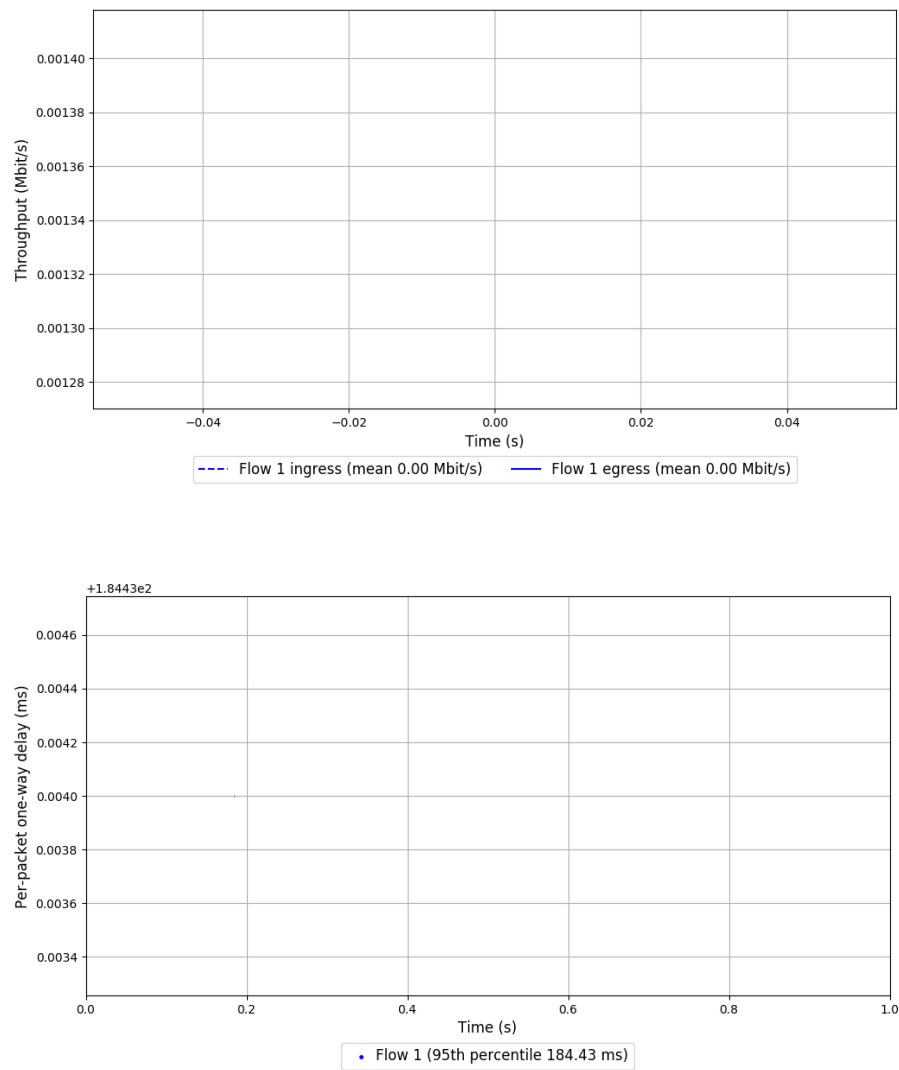
Run 7: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 20:28:52 +0000

End at: Sat, 05 Aug 2017 20:29:22 +0000



Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 20:39:39 +0000

End at: Sat, 05 Aug 2017 20:40:09 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.36 Mbit/s

95th percentile per-packet one-way delay: 92.987 ms

Loss rate: 1.34%

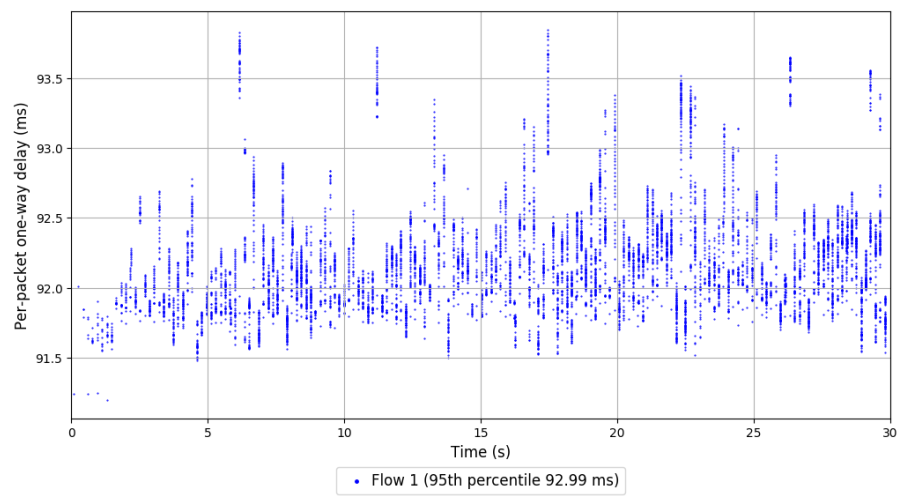
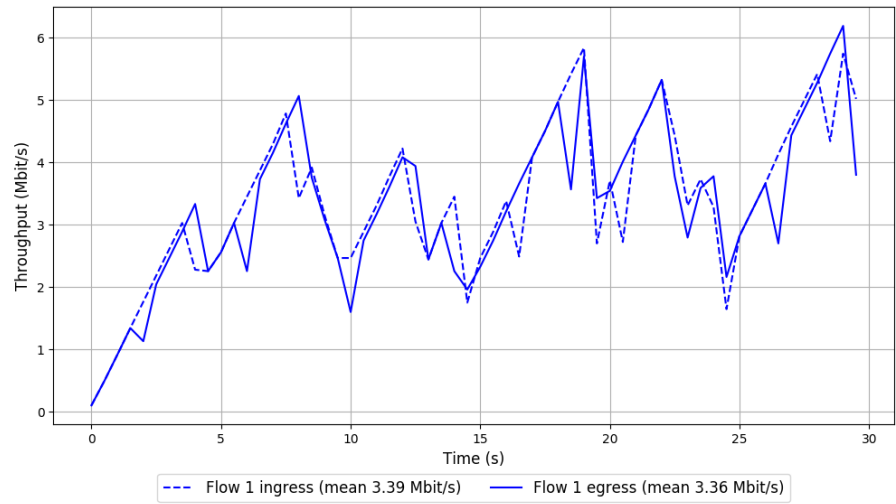
-- Flow 1:

Average throughput: 3.36 Mbit/s

95th percentile per-packet one-way delay: 92.987 ms

Loss rate: 1.34%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 20:50:32 +0000

End at: Sat, 05 Aug 2017 20:51:02 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:47 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.56 Mbit/s

95th percentile per-packet one-way delay: 90.532 ms

Loss rate: 1.14%

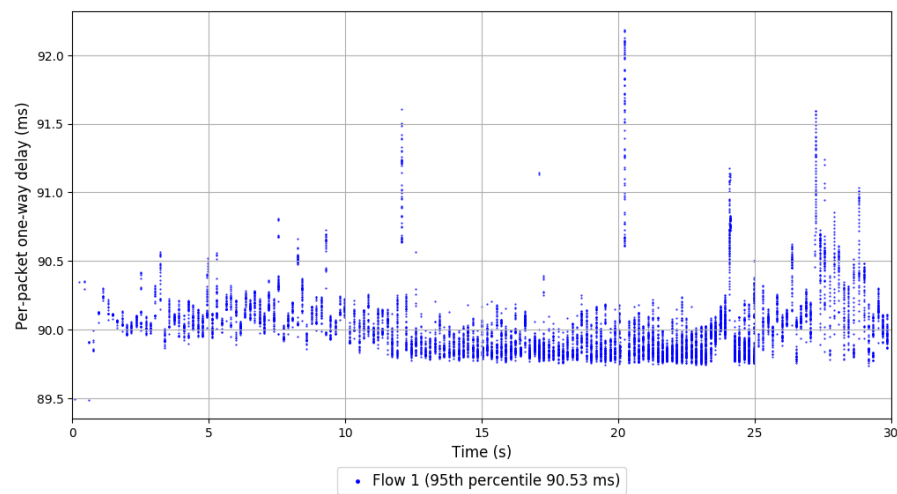
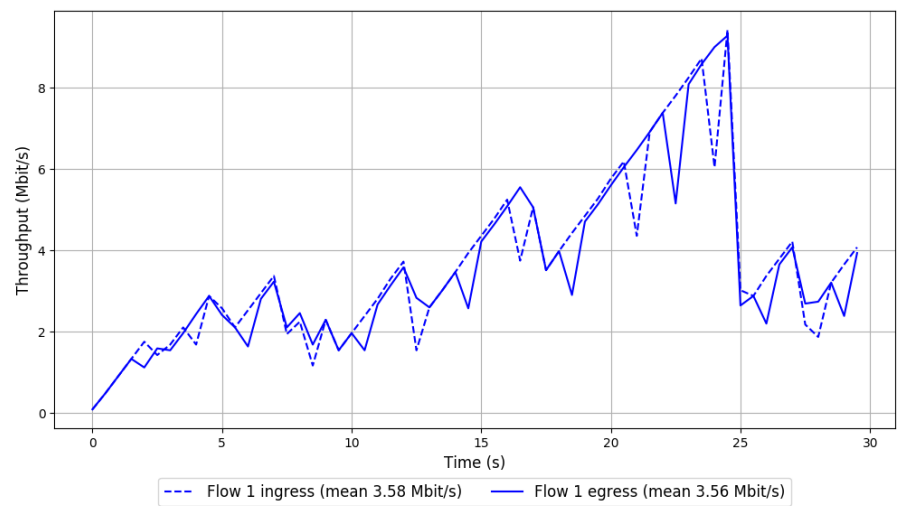
-- Flow 1:

Average throughput: 3.56 Mbit/s

95th percentile per-packet one-way delay: 90.532 ms

Loss rate: 1.14%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: Sat, 05 Aug 2017 21:01:36 +0000

End at: Sat, 05 Aug 2017 21:02:06 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:47:48 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 89.991 ms

Loss rate: 2.60%

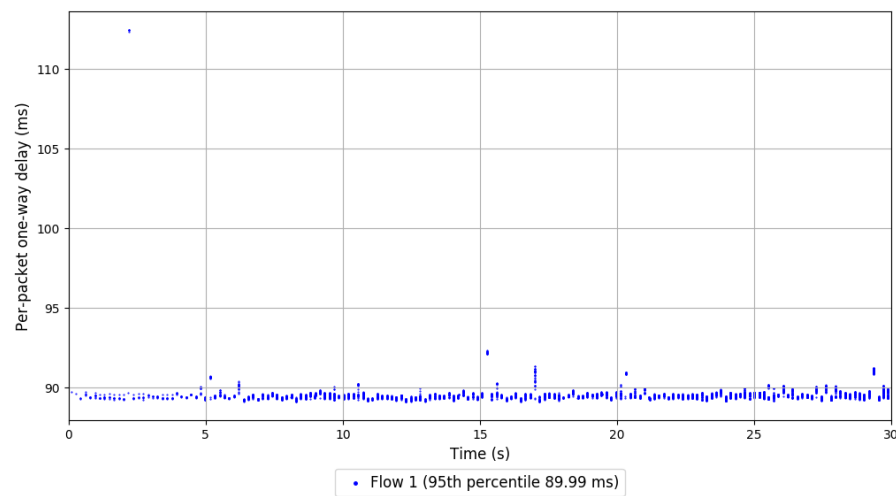
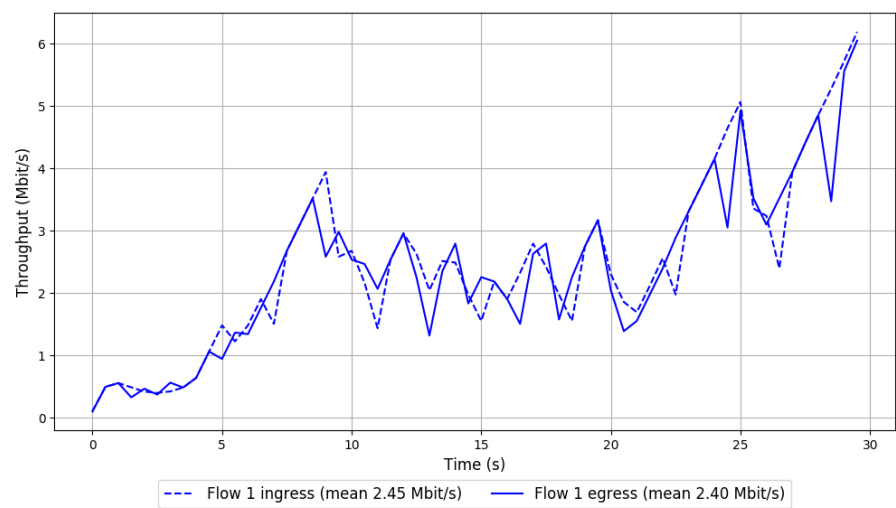
-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 89.991 ms

Loss rate: 2.60%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: Sat, 05 Aug 2017 19:22:58 +0000

End at: Sat, 05 Aug 2017 19:23:28 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:49:14 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 457.17 Mbit/s

95th percentile per-packet one-way delay: 107.756 ms

Loss rate: 0.73%

-- Flow 1:

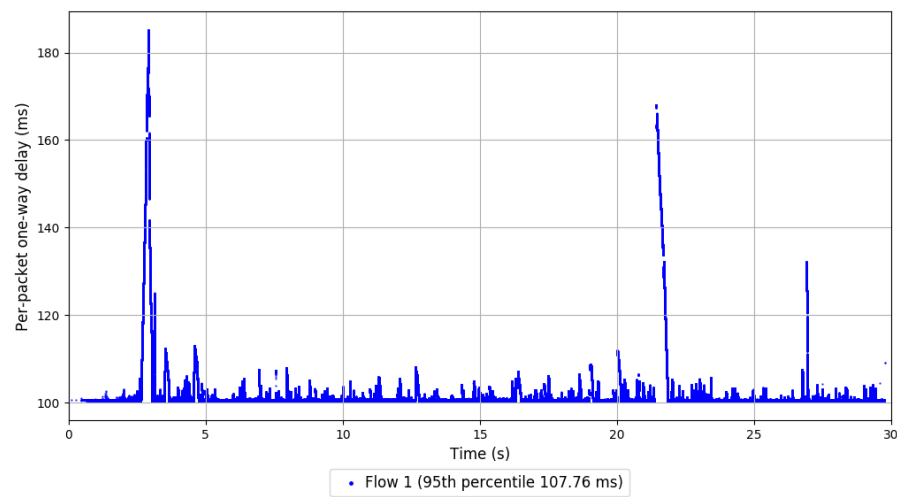
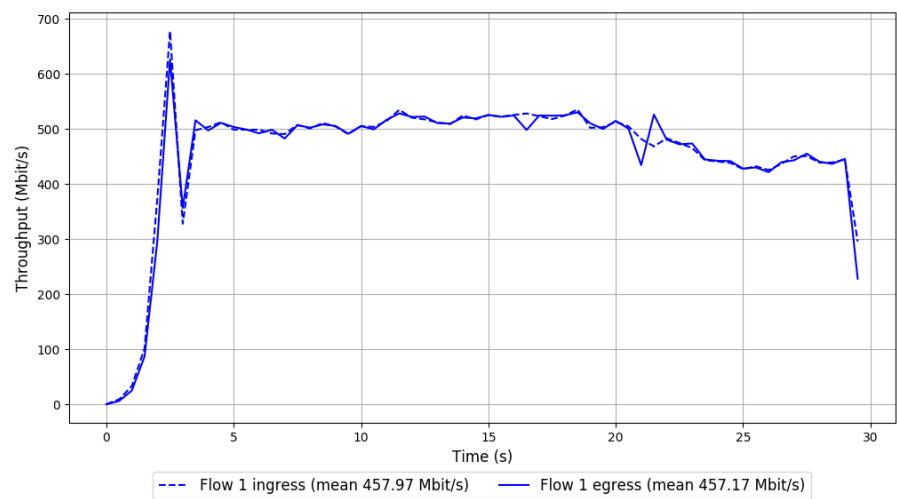
Average throughput: 457.17 Mbit/s

95th percentile per-packet one-way delay: 107.756 ms

Loss rate: 0.73%



Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: Sat, 05 Aug 2017 19:34:53 +0000

End at: Sat, 05 Aug 2017 19:35:23 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:49:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 456.32 Mbit/s

95th percentile per-packet one-way delay: 103.501 ms

Loss rate: 5.47%

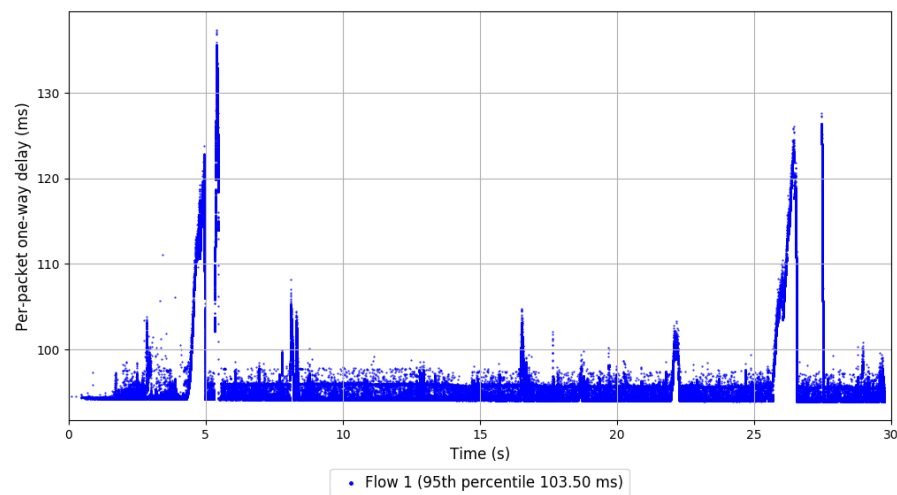
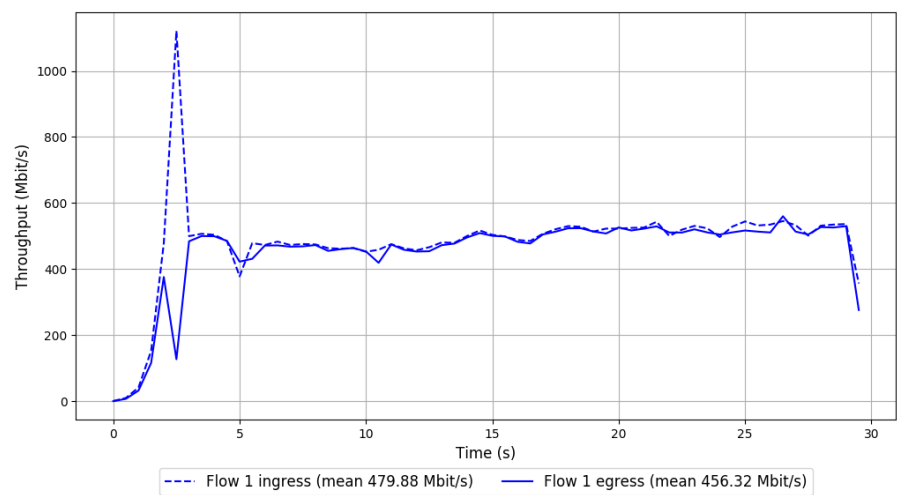
-- Flow 1:

Average throughput: 456.32 Mbit/s

95th percentile per-packet one-way delay: 103.501 ms

Loss rate: 5.47%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Sat, 05 Aug 2017 19:47:20 +0000

End at: Sat, 05 Aug 2017 19:47:50 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:50:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 463.65 Mbit/s

95th percentile per-packet one-way delay: 193.118 ms

Loss rate: 1.33%

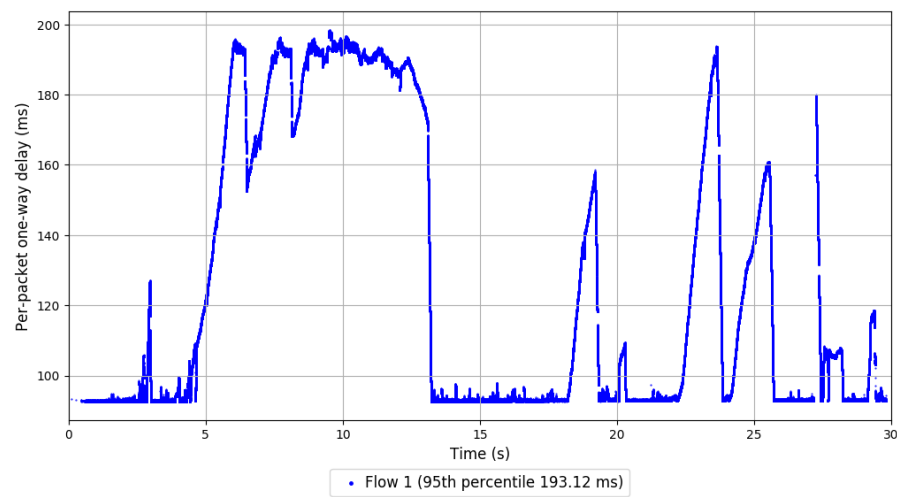
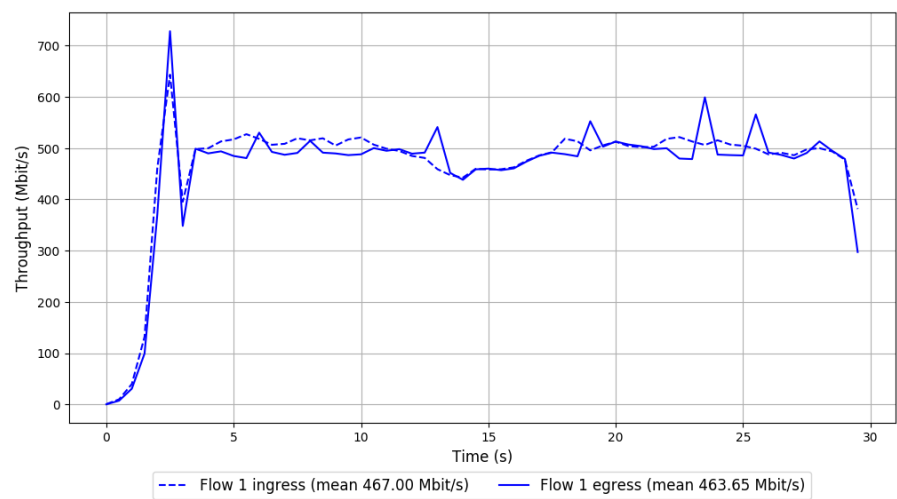
-- Flow 1:

Average throughput: 463.65 Mbit/s

95th percentile per-packet one-way delay: 193.118 ms

Loss rate: 1.33%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: Sat, 05 Aug 2017 19:58:59 +0000

End at: Sat, 05 Aug 2017 19:59:29 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:50:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 487.11 Mbit/s

95th percentile per-packet one-way delay: 183.777 ms

Loss rate: 1.13%

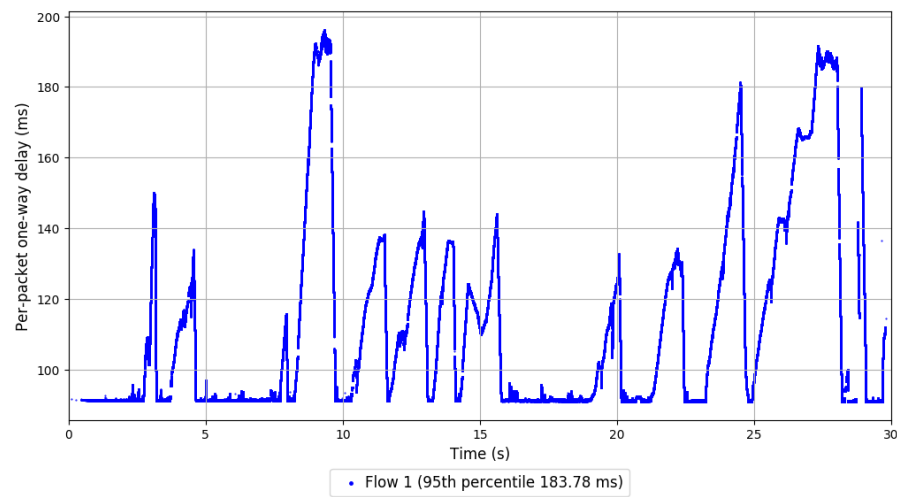
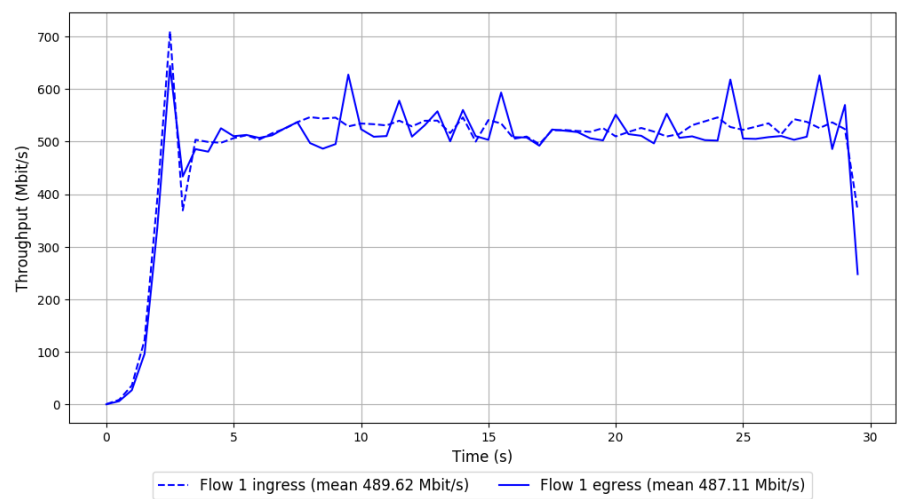
-- Flow 1:

Average throughput: 487.11 Mbit/s

95th percentile per-packet one-way delay: 183.777 ms

Loss rate: 1.13%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: Sat, 05 Aug 2017 20:10:08 +0000

End at: Sat, 05 Aug 2017 20:10:38 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:52:23 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 495.55 Mbit/s

95th percentile per-packet one-way delay: 95.714 ms

Loss rate: 2.61%

-- Flow 1:

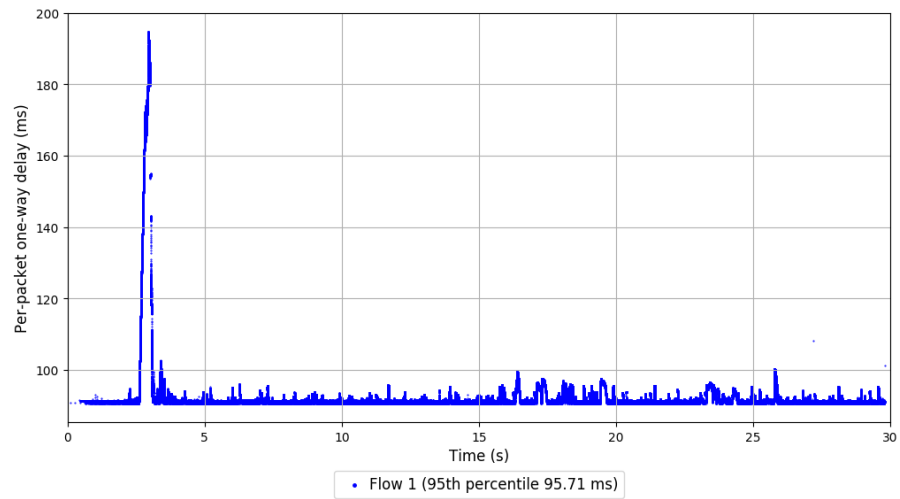
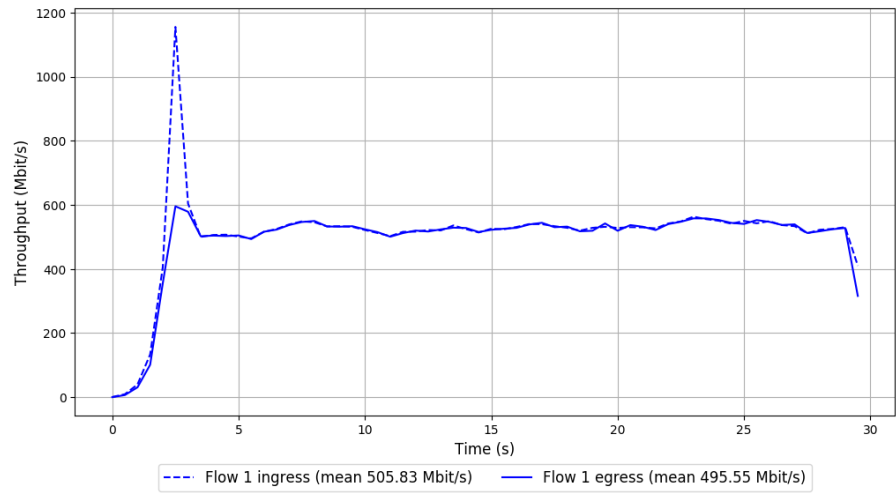
Average throughput: 495.55 Mbit/s

95th percentile per-packet one-way delay: 95.714 ms

Loss rate: 2.61%



### Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Sat, 05 Aug 2017 20:21:35 +0000

End at: Sat, 05 Aug 2017 20:22:05 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:52:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 500.68 Mbit/s

95th percentile per-packet one-way delay: 161.155 ms

Loss rate: 1.58%

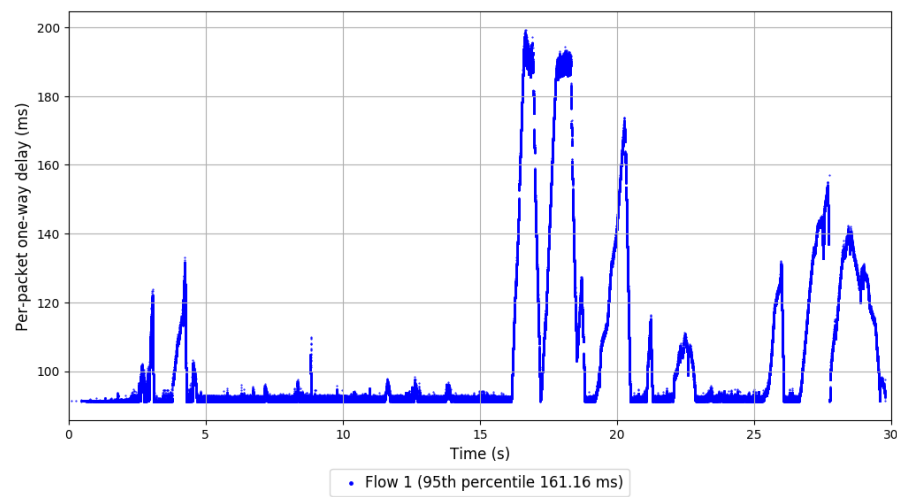
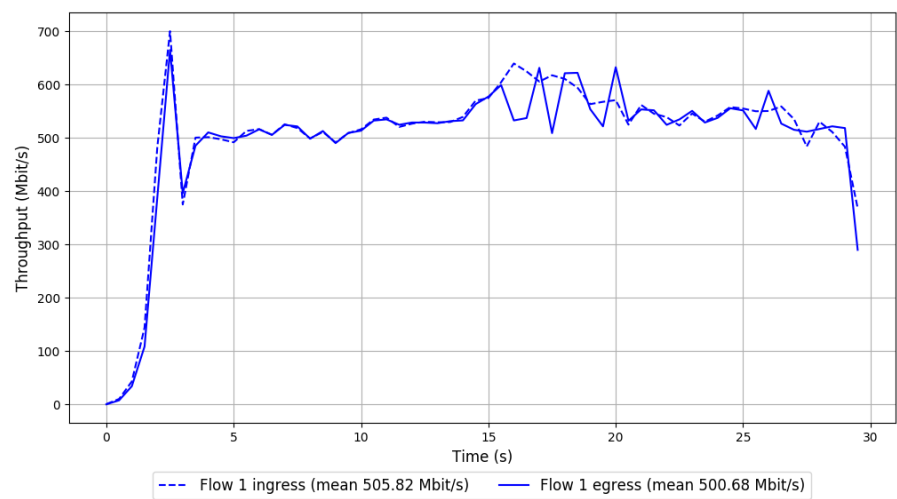
-- Flow 1:

Average throughput: 500.68 Mbit/s

95th percentile per-packet one-way delay: 161.155 ms

Loss rate: 1.58%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Sat, 05 Aug 2017 20:32:37 +0000

End at: Sat, 05 Aug 2017 20:33:07 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:52:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 130.80 Mbit/s

95th percentile per-packet one-way delay: 111.542 ms

Loss rate: 1.90%

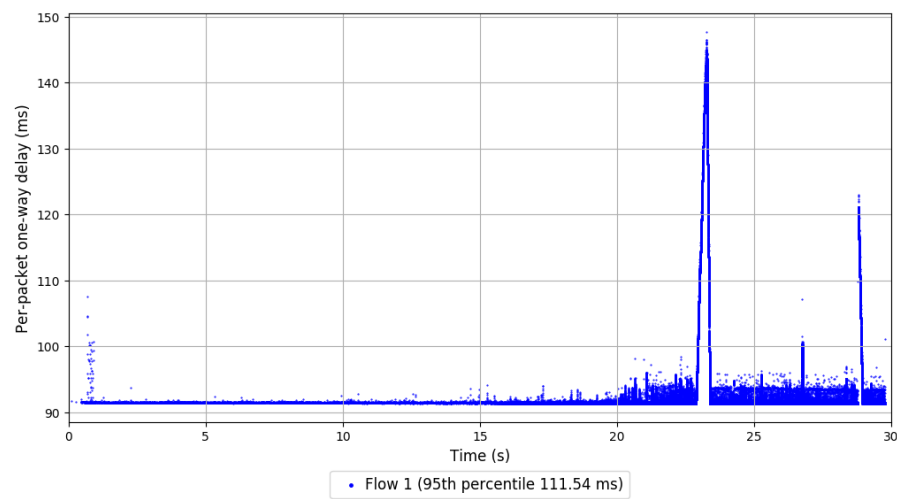
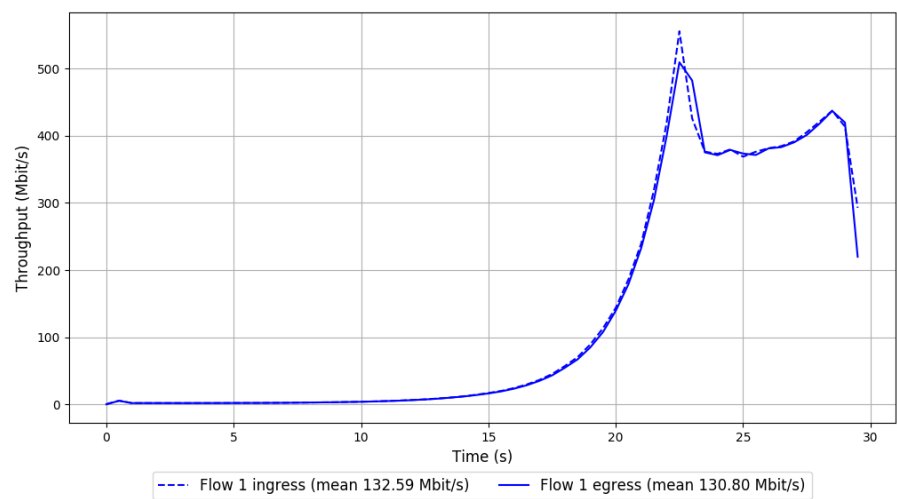
-- Flow 1:

Average throughput: 130.80 Mbit/s

95th percentile per-packet one-way delay: 111.542 ms

Loss rate: 1.90%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Sat, 05 Aug 2017 20:43:17 +0000

End at: Sat, 05 Aug 2017 20:43:47 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:54:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 474.85 Mbit/s

95th percentile per-packet one-way delay: 153.139 ms

Loss rate: 1.72%

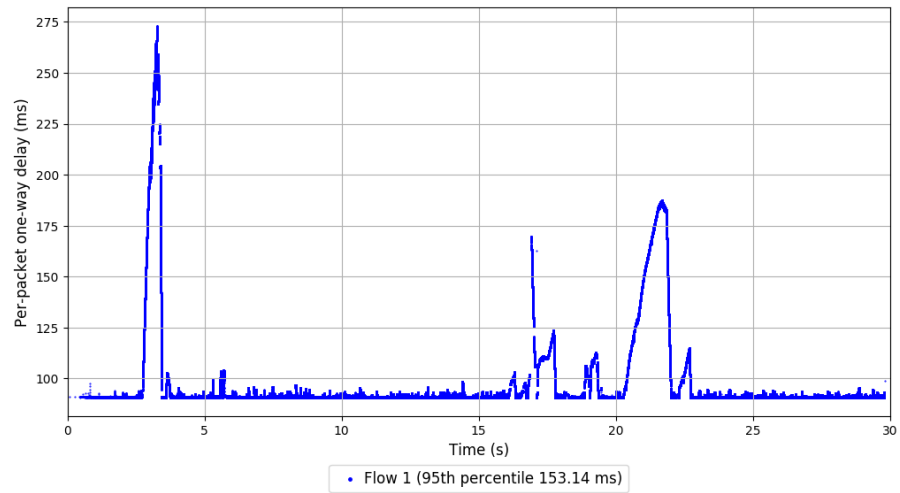
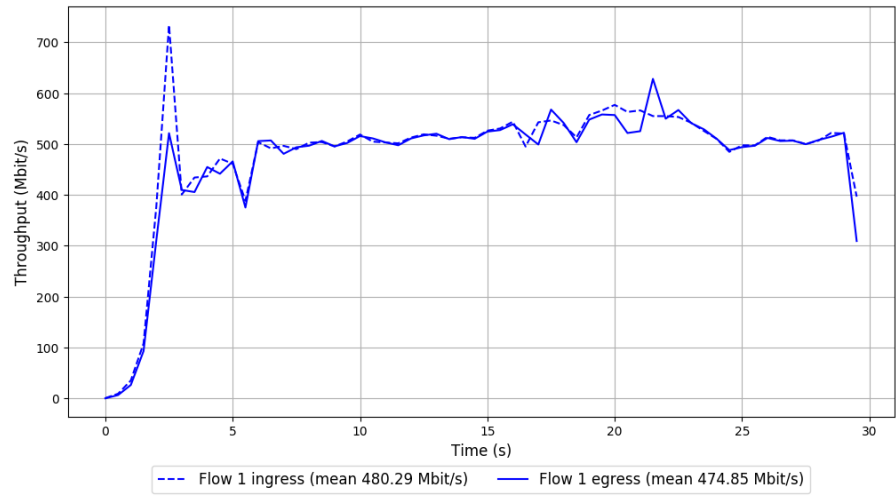
-- Flow 1:

Average throughput: 474.85 Mbit/s

95th percentile per-packet one-way delay: 153.139 ms

Loss rate: 1.72%

## Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: Sat, 05 Aug 2017 20:54:16 +0000

End at: Sat, 05 Aug 2017 20:54:46 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:54:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 466.45 Mbit/s

95th percentile per-packet one-way delay: 132.301 ms

Loss rate: 0.85%

-- Flow 1:

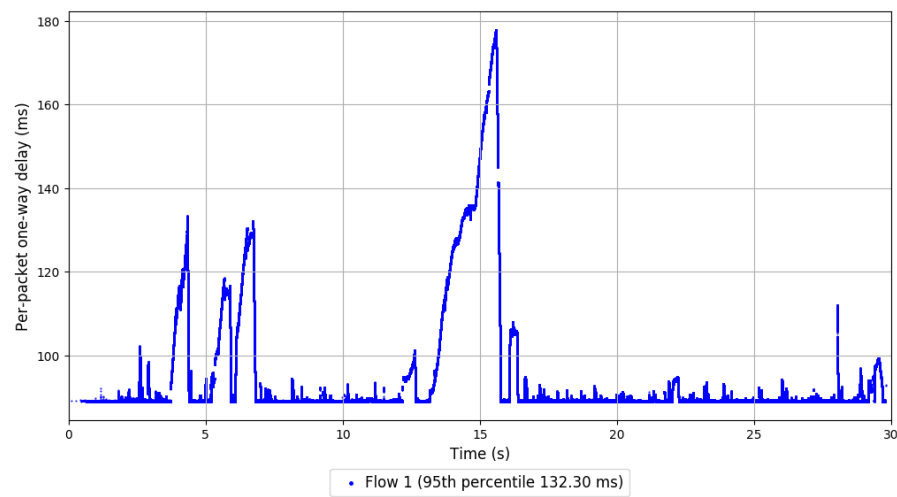
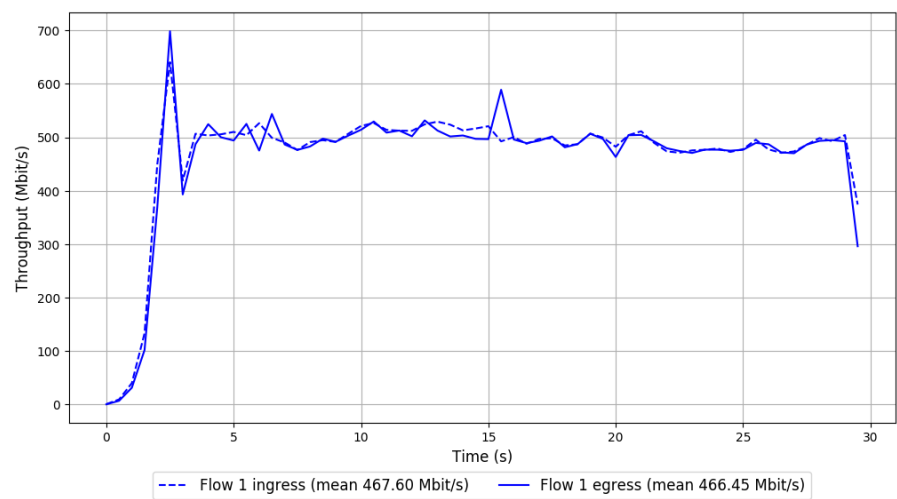
Average throughput: 466.45 Mbit/s

95th percentile per-packet one-way delay: 132.301 ms

Loss rate: 0.85%



Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: Sat, 05 Aug 2017 21:05:19 +0000

End at: Sat, 05 Aug 2017 21:05:49 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 475.72 Mbit/s

95th percentile per-packet one-way delay: 109.122 ms

Loss rate: 0.68%

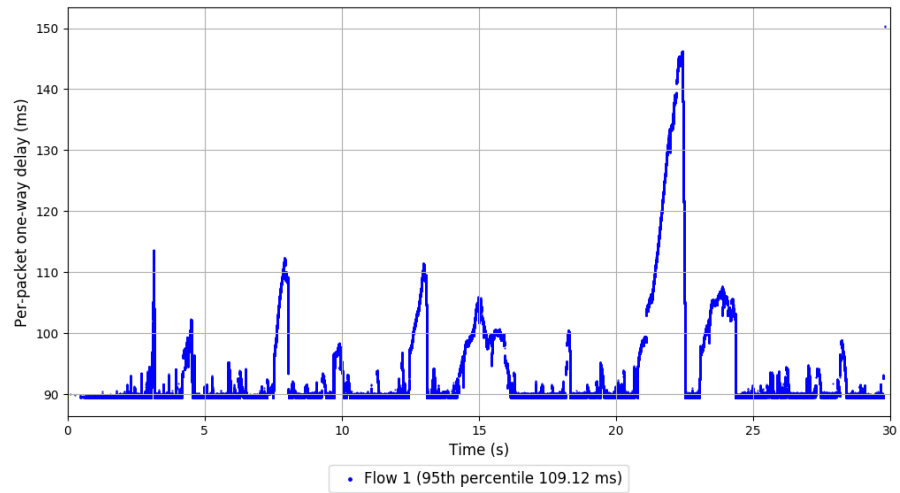
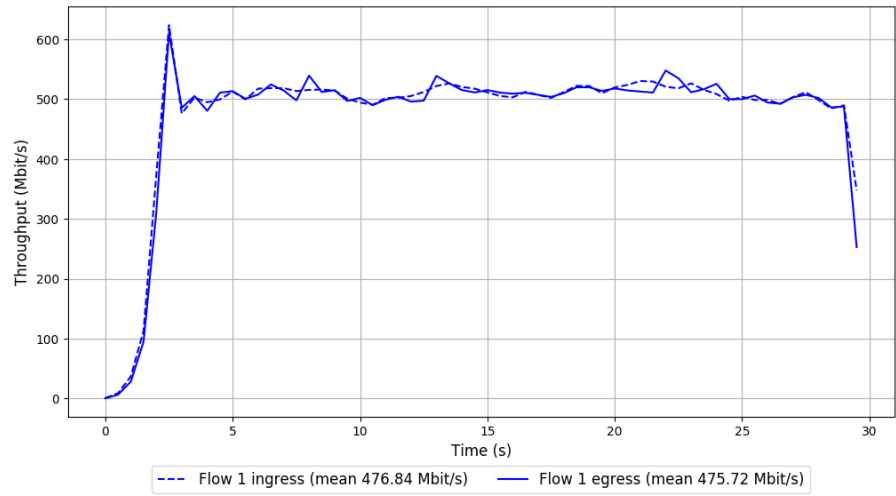
-- Flow 1:

Average throughput: 475.72 Mbit/s

95th percentile per-packet one-way delay: 109.122 ms

Loss rate: 0.68%

### Run 10: Report of PCC — Data Link

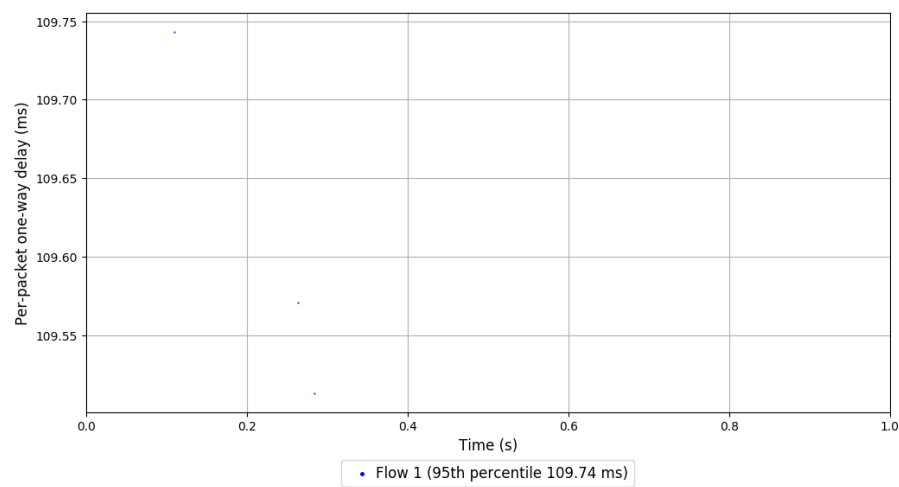
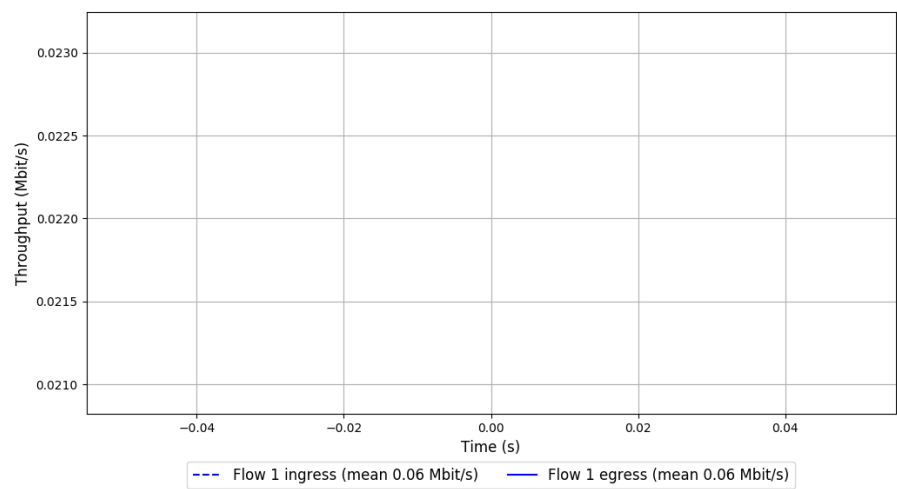


Run 1: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 19:12:56 +0000

End at: Sat, 05 Aug 2017 19:13:26 +0000

Run 1: Report of QUIC Cubic — Data Link

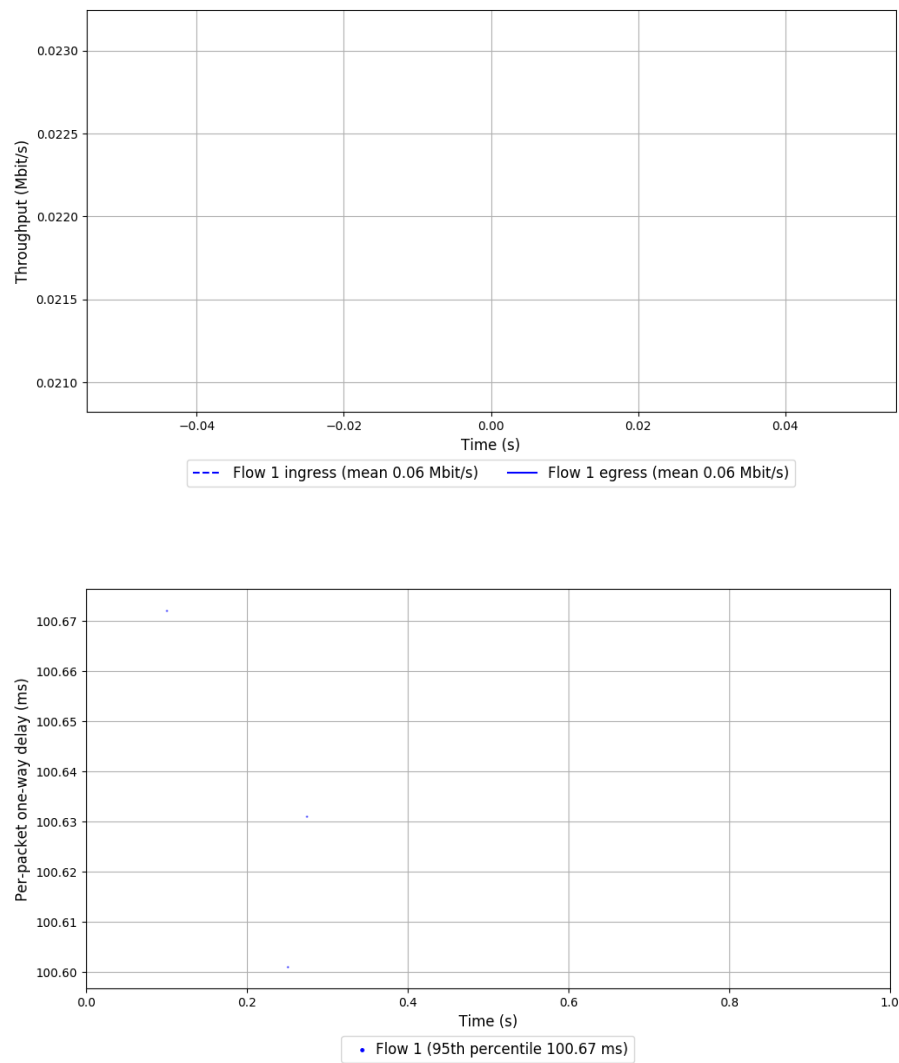


Run 2: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 19:24:58 +0000

End at: Sat, 05 Aug 2017 19:25:28 +0000

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 19:36:49 +0000

End at: Sat, 05 Aug 2017 19:37:19 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: 93.836 ms

Loss rate: 0.46%

-- Flow 1:

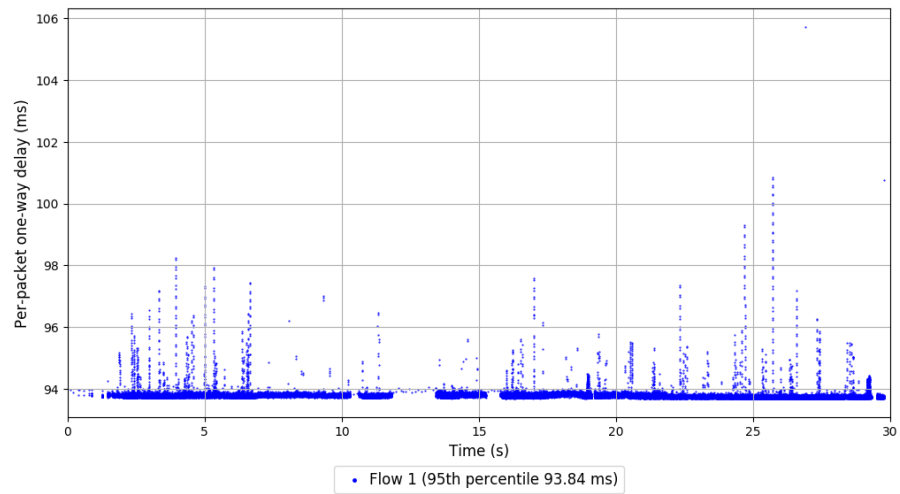
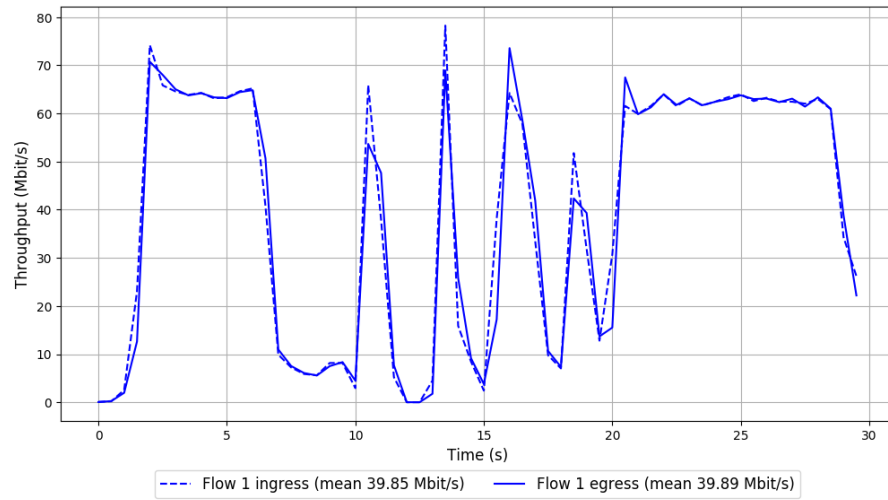
Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: 93.836 ms

Loss rate: 0.46%



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



Run 4: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 19:49:19 +0000

End at: Sat, 05 Aug 2017 19:49:49 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.59 Mbit/s

95th percentile per-packet one-way delay: 93.708 ms

Loss rate: 0.73%

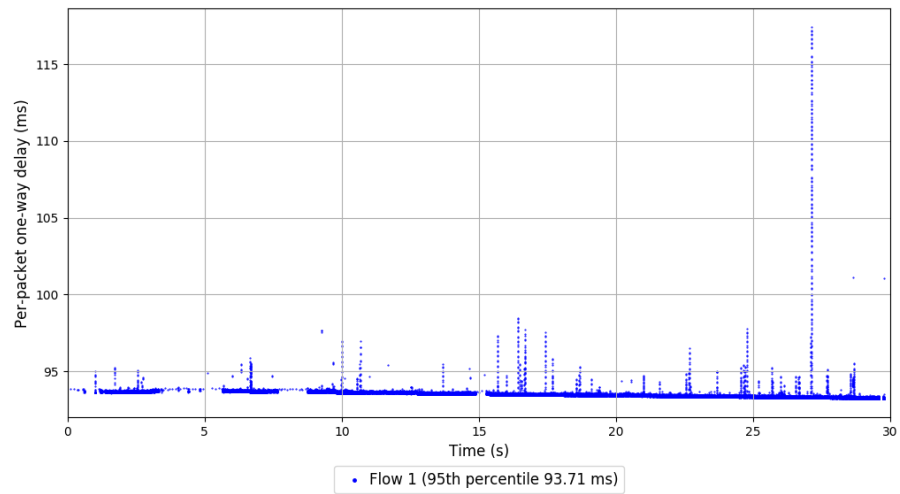
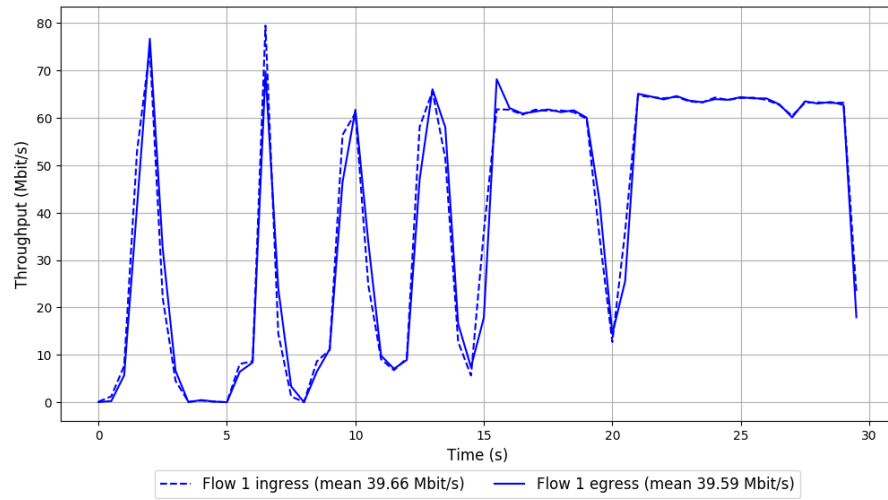
-- Flow 1:

Average throughput: 39.59 Mbit/s

95th percentile per-packet one-way delay: 93.708 ms

Loss rate: 0.73%

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



Run 5: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 20:00:38 +0000

End at: Sat, 05 Aug 2017 20:01:08 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 34.89 Mbit/s

95th percentile per-packet one-way delay: 90.232 ms

Loss rate: 0.63%

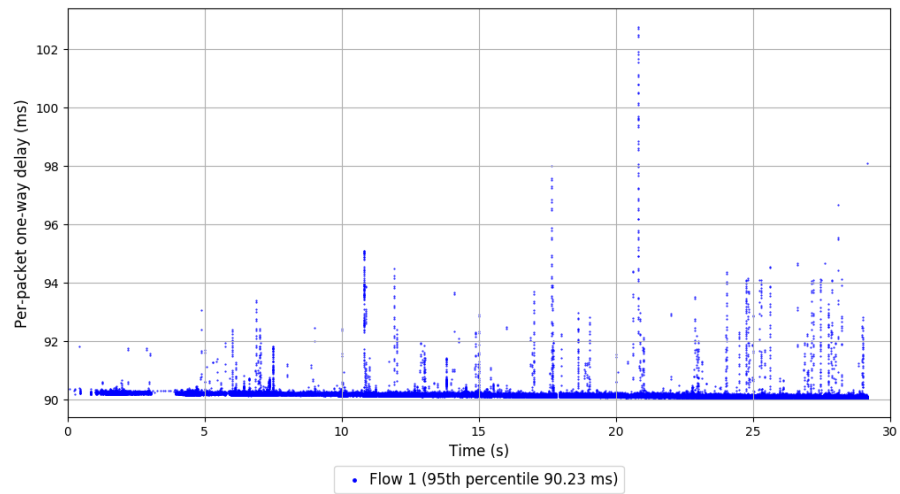
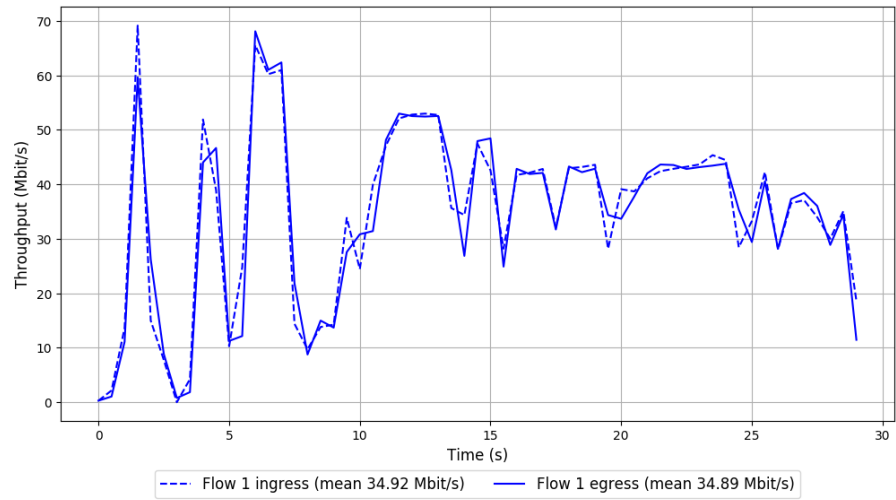
-- Flow 1:

Average throughput: 34.89 Mbit/s

95th percentile per-packet one-way delay: 90.232 ms

Loss rate: 0.63%

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



Run 6: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 20:11:52 +0000

End at: Sat, 05 Aug 2017 20:12:22 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:45 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.48 Mbit/s

95th percentile per-packet one-way delay: 91.212 ms

Loss rate: 0.93%

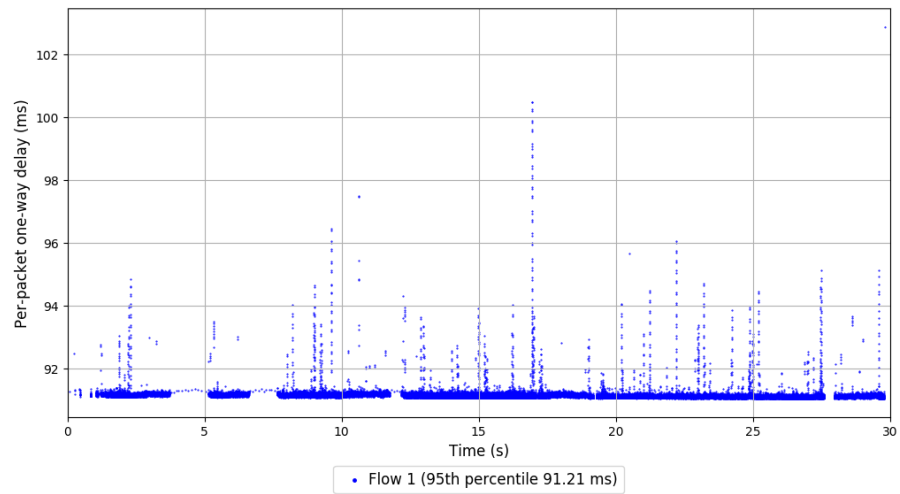
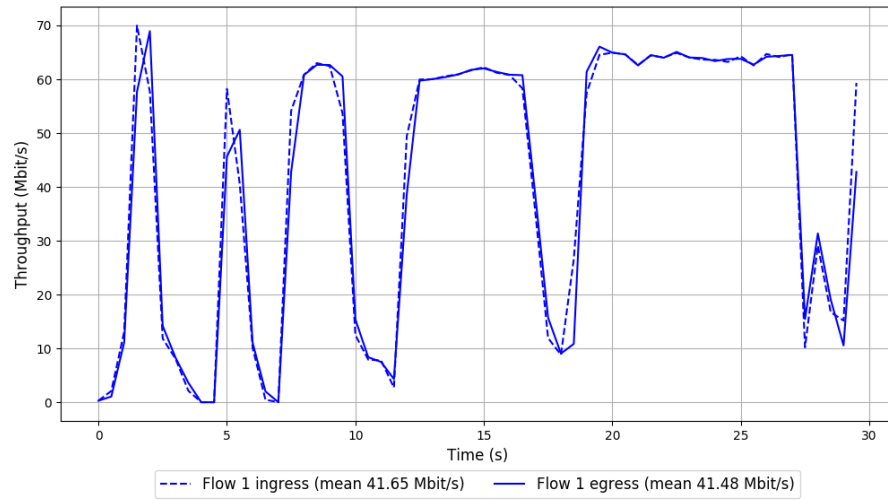
-- Flow 1:

Average throughput: 41.48 Mbit/s

95th percentile per-packet one-way delay: 91.212 ms

Loss rate: 0.93%

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



Run 7: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 20:23:14 +0000

End at: Sat, 05 Aug 2017 20:23:44 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.21 Mbit/s

95th percentile per-packet one-way delay: 91.724 ms

Loss rate: 0.18%

-- Flow 1:

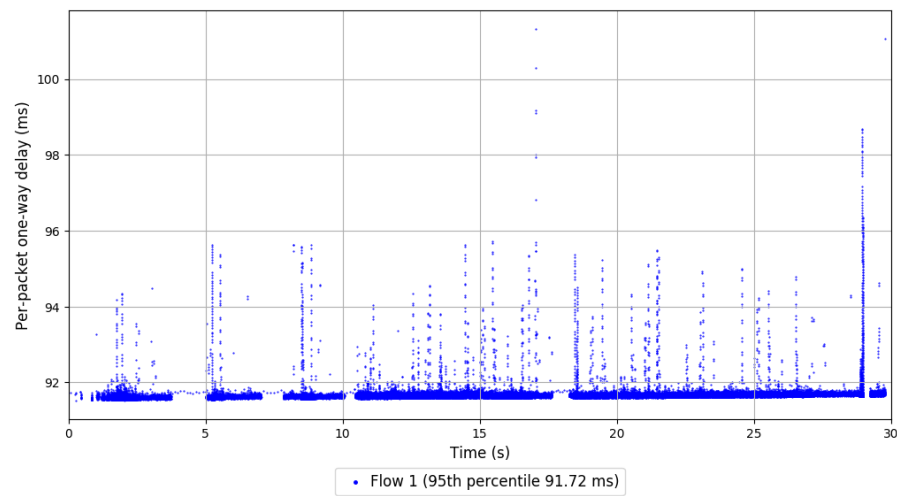
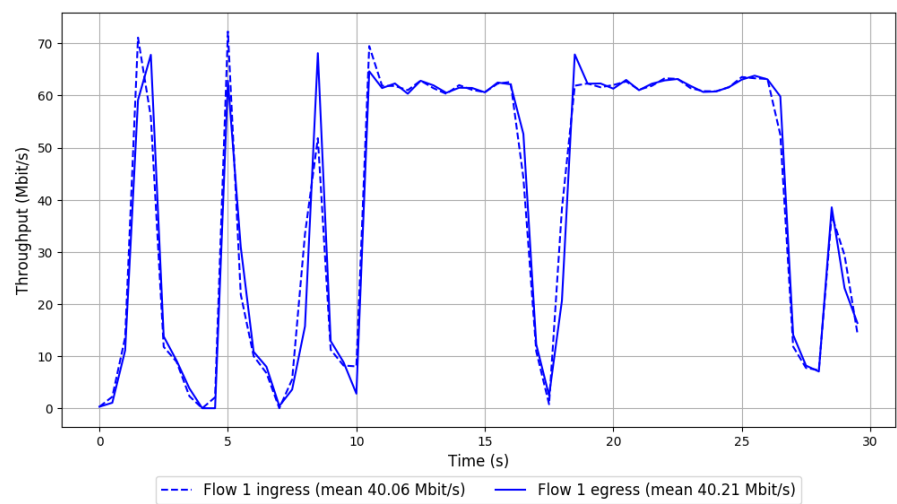
Average throughput: 40.21 Mbit/s

95th percentile per-packet one-way delay: 91.724 ms

Loss rate: 0.18%



Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 20:34:00 +0000

End at: Sat, 05 Aug 2017 20:34:30 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.02 Mbit/s

95th percentile per-packet one-way delay: 91.327 ms

Loss rate: 0.94%

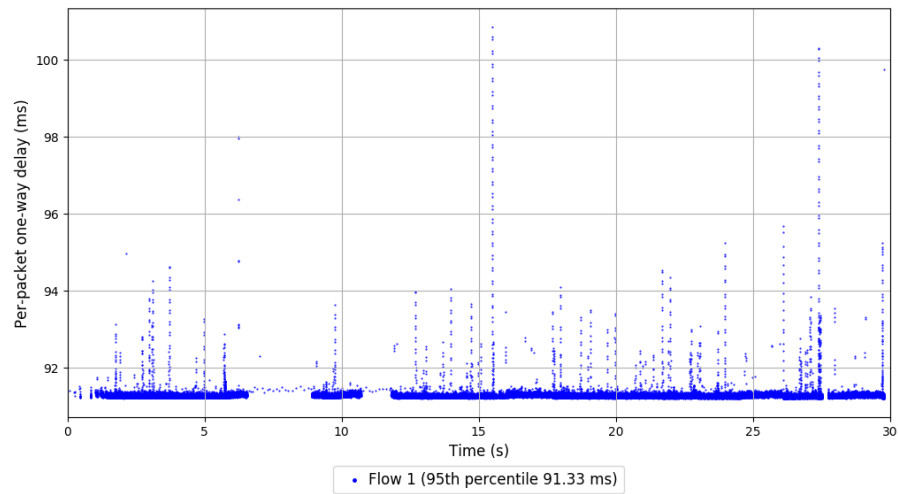
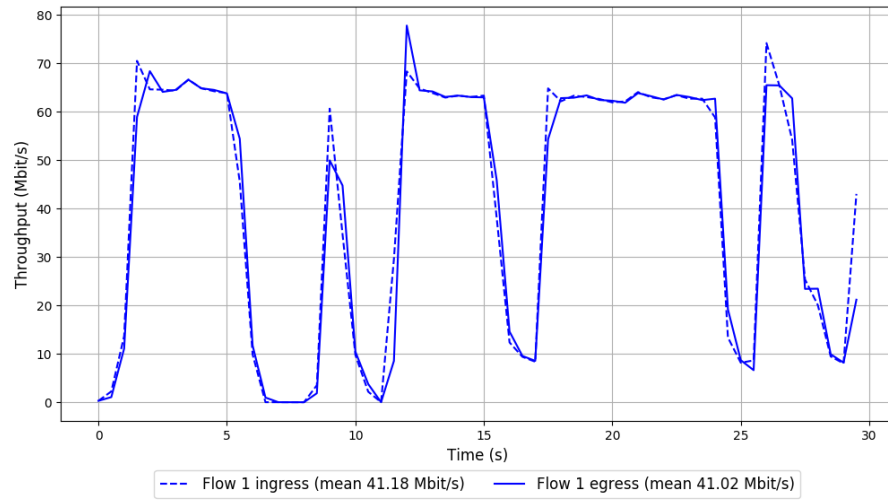
-- Flow 1:

Average throughput: 41.02 Mbit/s

95th percentile per-packet one-way delay: 91.327 ms

Loss rate: 0.94%

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

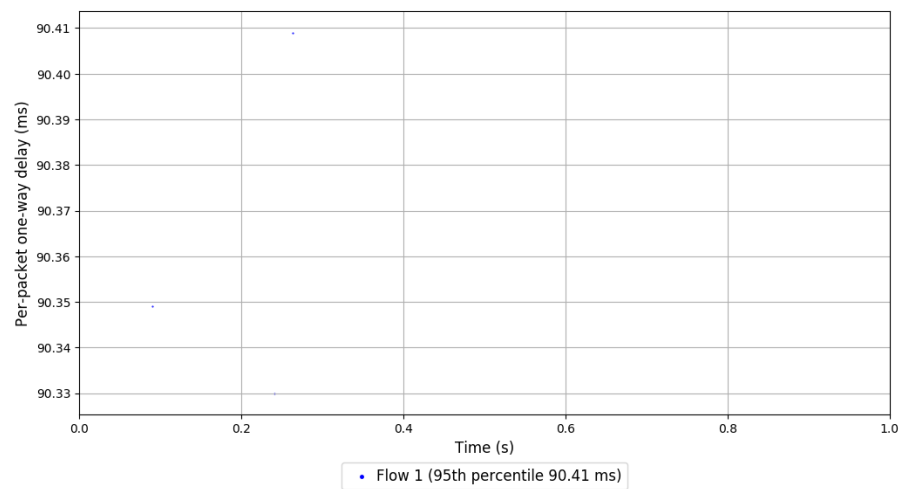
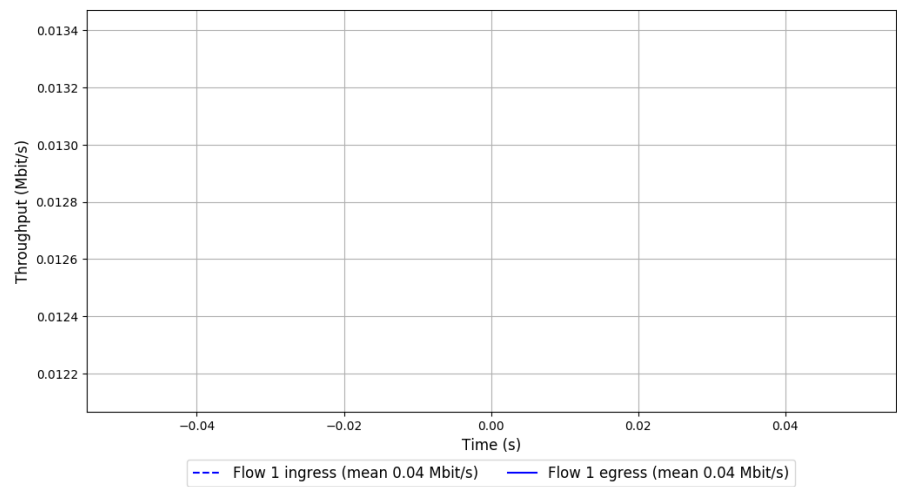


Run 9: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 20:44:54 +0000

End at: Sat, 05 Aug 2017 20:45:24 +0000

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: Sat, 05 Aug 2017 20:55:55 +0000

End at: Sat, 05 Aug 2017 20:56:25 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.36 Mbit/s

95th percentile per-packet one-way delay: 89.684 ms

Loss rate: 0.30%

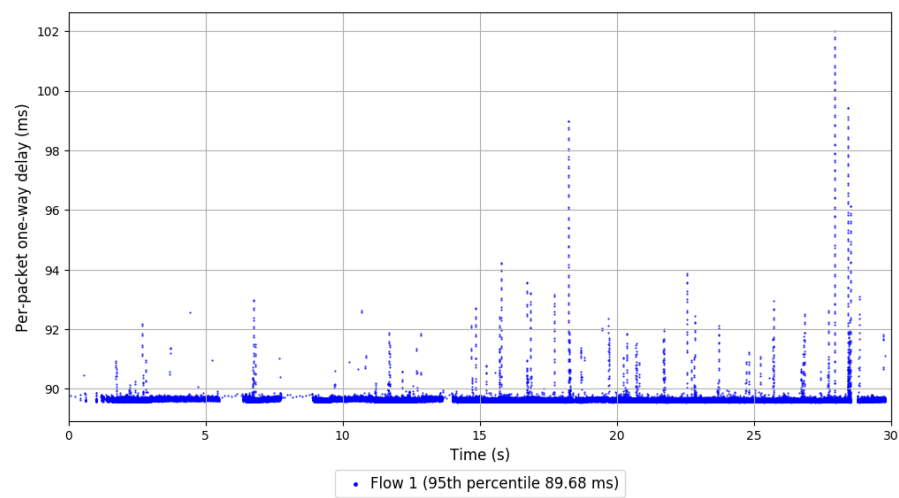
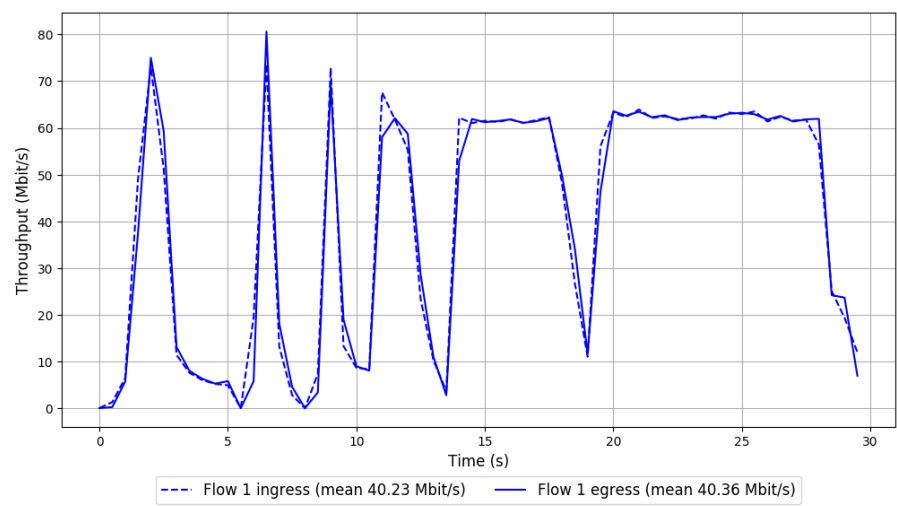
-- Flow 1:

Average throughput: 40.36 Mbit/s

95th percentile per-packet one-way delay: 89.684 ms

Loss rate: 0.30%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of Saturator

Start at: Sat, 05 Aug 2017 19:14:54 +0000

End at: Sat, 05 Aug 2017 19:15:24 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.61 Mbit/s

95th percentile per-packet one-way delay: 112.540 ms

Loss rate: 0.78%

-- Flow 1:

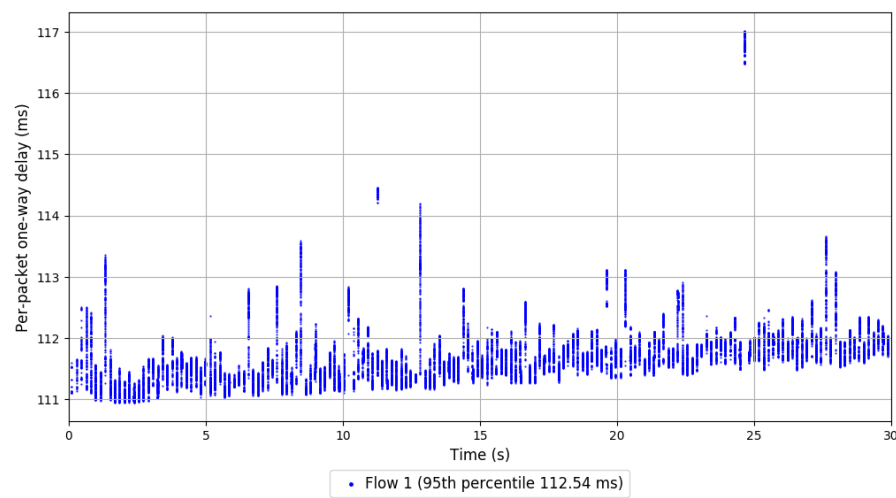
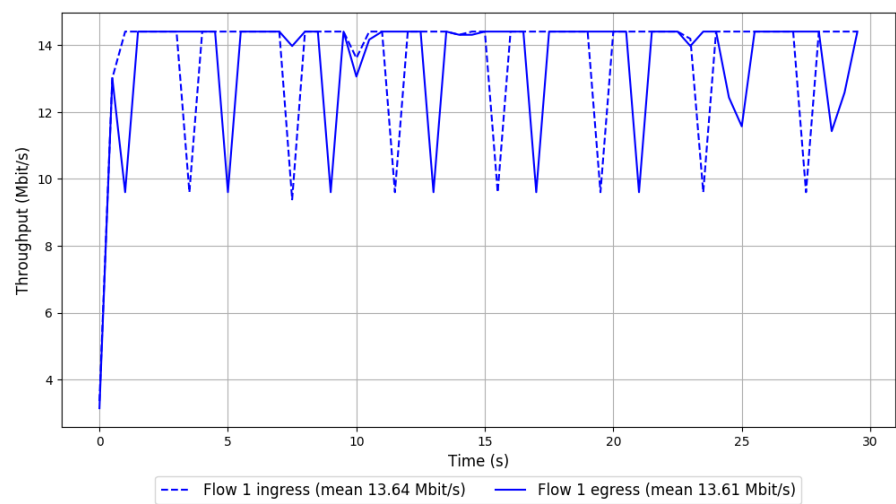
Average throughput: 13.61 Mbit/s

95th percentile per-packet one-way delay: 112.540 ms

Loss rate: 0.78%



Run 1: Report of Saturator — Data Link



Run 2: Statistics of Saturator

Start at: Sat, 05 Aug 2017 19:26:56 +0000

End at: Sat, 05 Aug 2017 19:27:27 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.65 Mbit/s

95th percentile per-packet one-way delay: 103.485 ms

Loss rate: 0.64%

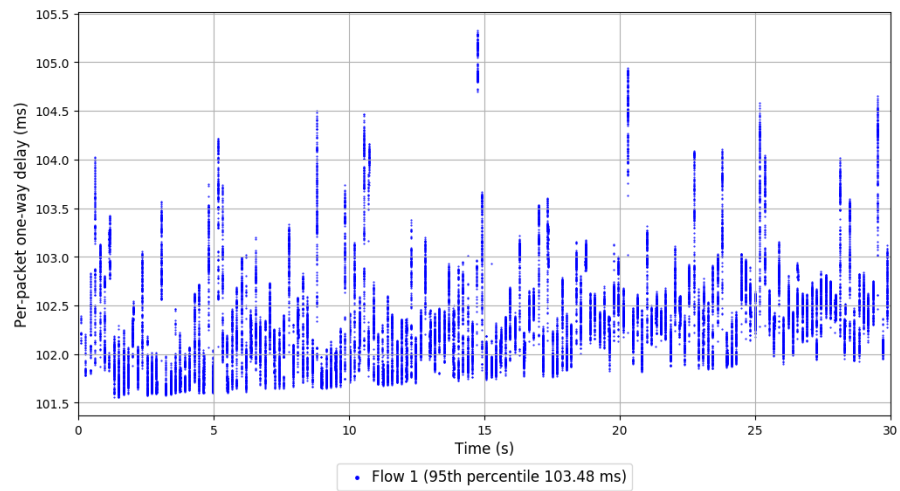
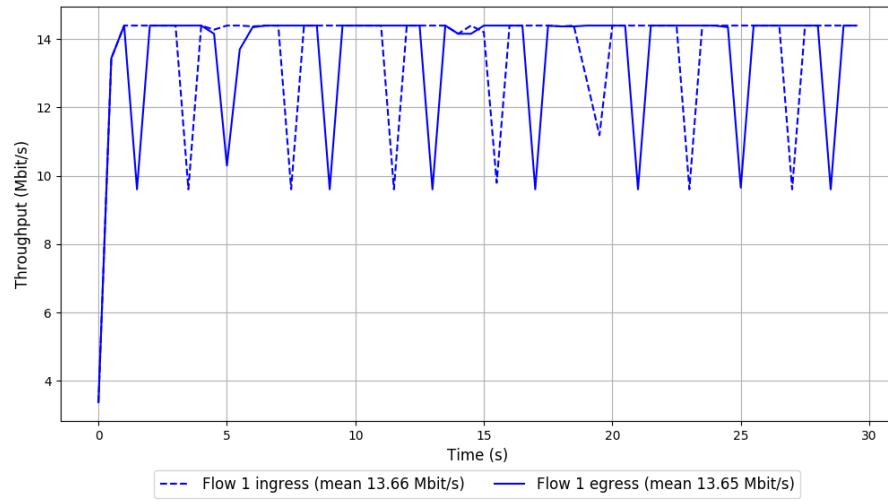
-- Flow 1:

Average throughput: 13.65 Mbit/s

95th percentile per-packet one-way delay: 103.485 ms

Loss rate: 0.64%

## Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Sat, 05 Aug 2017 19:38:50 +0000

End at: Sat, 05 Aug 2017 19:39:20 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.54 Mbit/s

95th percentile per-packet one-way delay: 94.363 ms

Loss rate: 0.98%

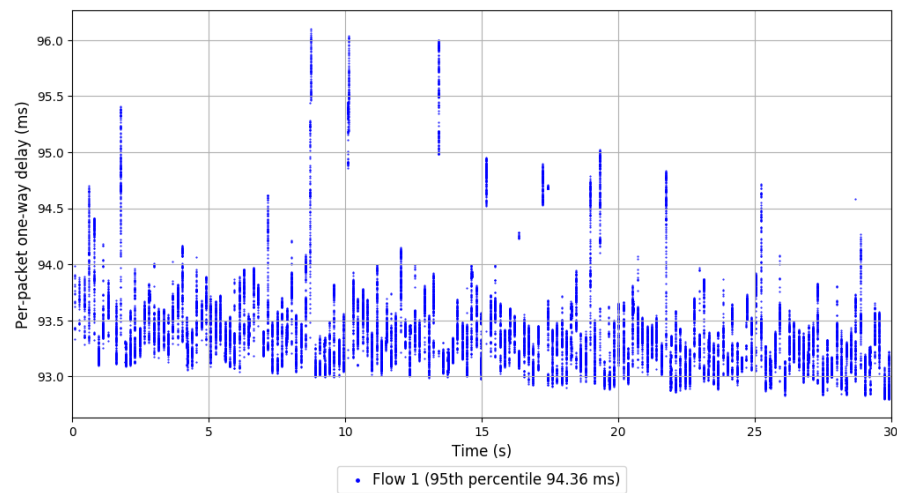
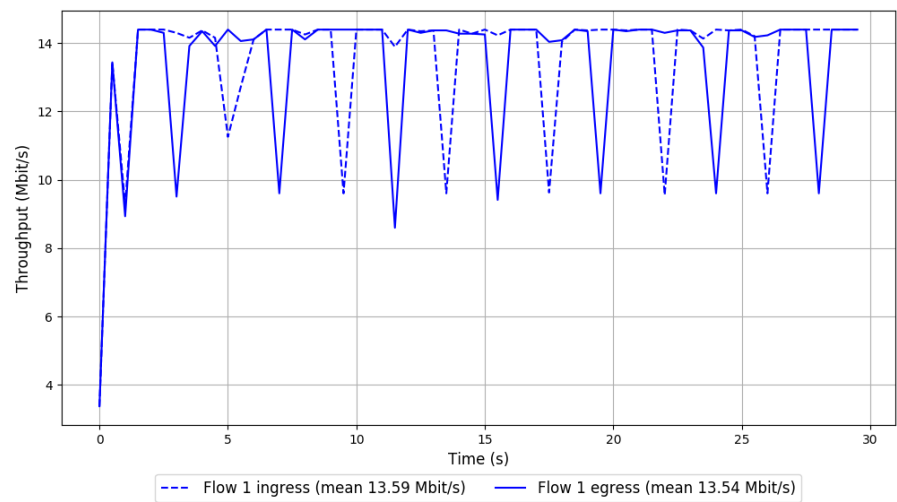
-- Flow 1:

Average throughput: 13.54 Mbit/s

95th percentile per-packet one-way delay: 94.363 ms

Loss rate: 0.98%

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Sat, 05 Aug 2017 19:51:20 +0000

End at: Sat, 05 Aug 2017 19:51:50 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.63 Mbit/s

95th percentile per-packet one-way delay: 93.094 ms

Loss rate: 0.77%

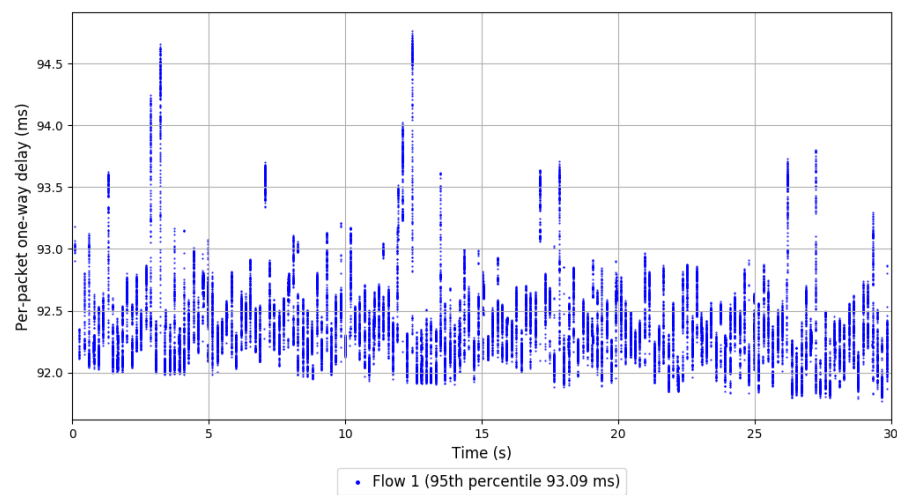
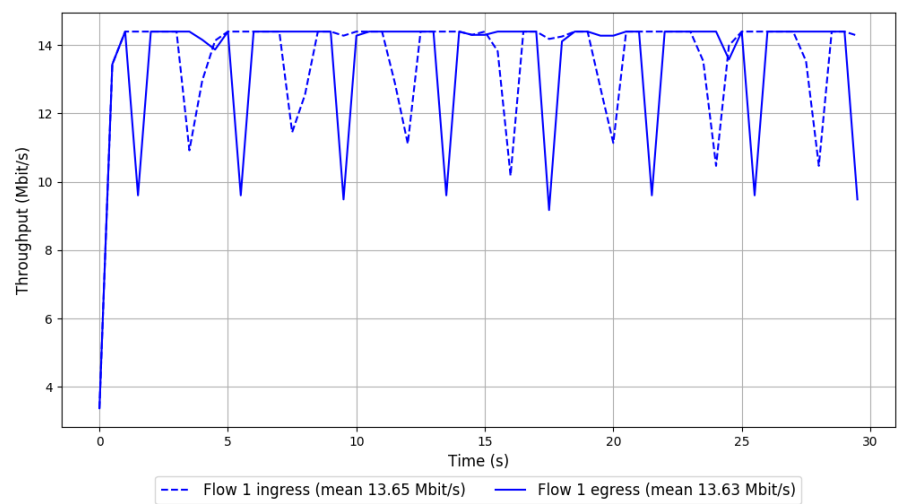
-- Flow 1:

Average throughput: 13.63 Mbit/s

95th percentile per-packet one-way delay: 93.094 ms

Loss rate: 0.77%

Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Sat, 05 Aug 2017 20:02:38 +0000

End at: Sat, 05 Aug 2017 20:03:08 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.47 Mbit/s

95th percentile per-packet one-way delay: 91.335 ms

Loss rate: 1.12%

-- Flow 1:

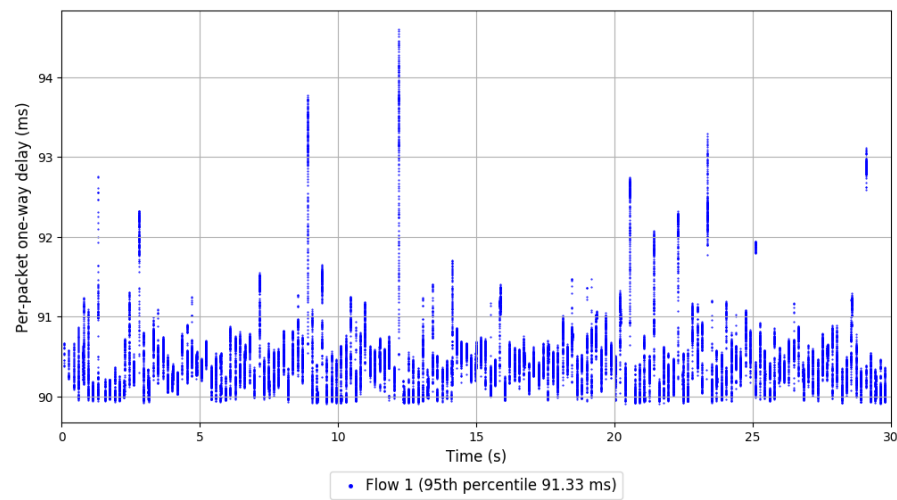
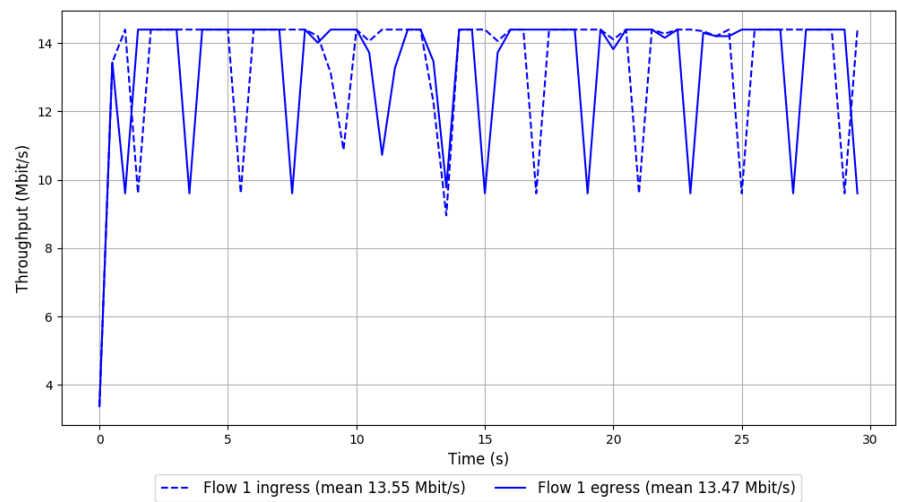
Average throughput: 13.47 Mbit/s

95th percentile per-packet one-way delay: 91.335 ms

Loss rate: 1.12%



Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Sat, 05 Aug 2017 20:13:53 +0000

End at: Sat, 05 Aug 2017 20:14:23 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.50 Mbit/s

95th percentile per-packet one-way delay: 91.604 ms

Loss rate: 1.14%

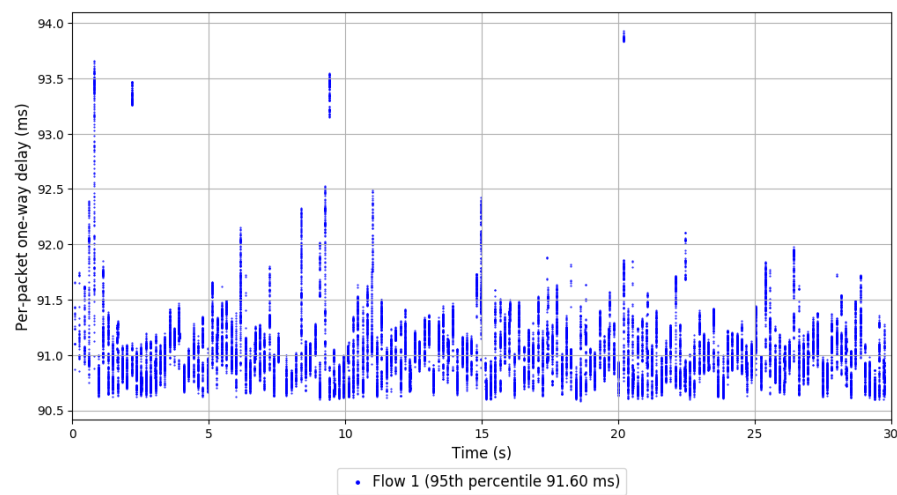
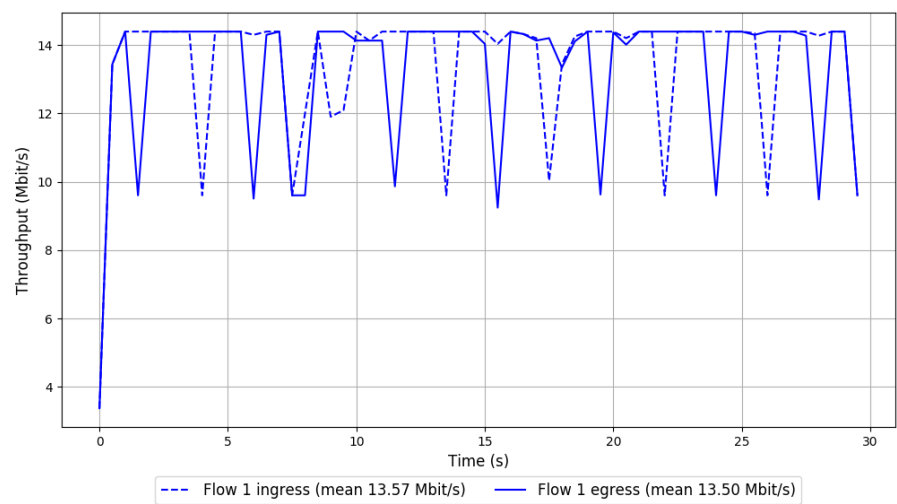
-- Flow 1:

Average throughput: 13.50 Mbit/s

95th percentile per-packet one-way delay: 91.604 ms

Loss rate: 1.14%

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Sat, 05 Aug 2017 20:25:15 +0000

End at: Sat, 05 Aug 2017 20:25:45 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.46 Mbit/s

95th percentile per-packet one-way delay: 94.363 ms

Loss rate: 1.20%

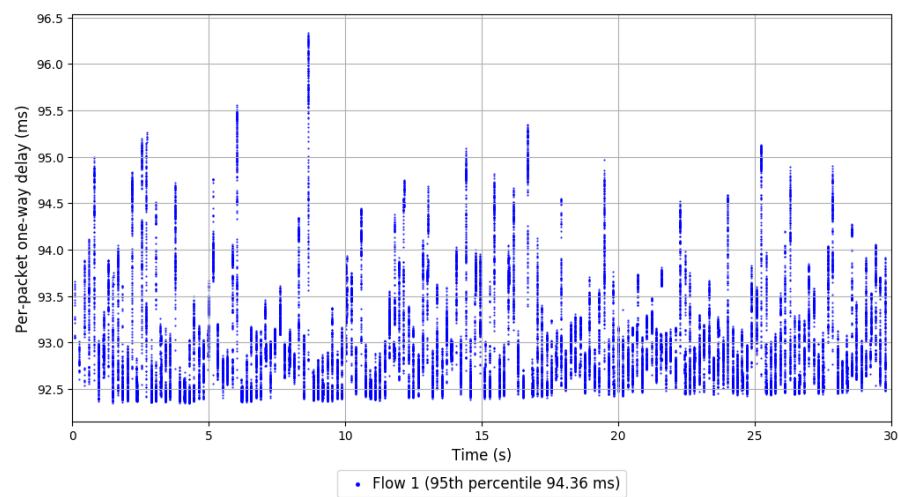
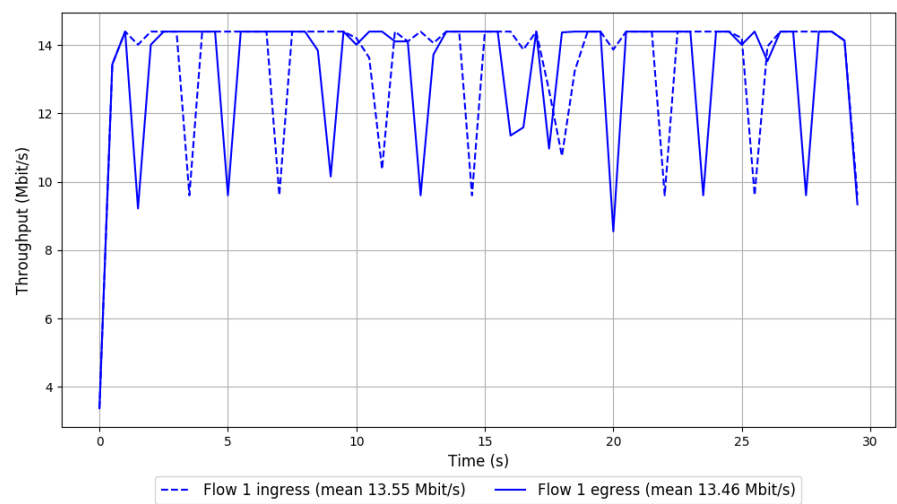
-- Flow 1:

Average throughput: 13.46 Mbit/s

95th percentile per-packet one-way delay: 94.363 ms

Loss rate: 1.20%

Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Sat, 05 Aug 2017 20:36:01 +0000

End at: Sat, 05 Aug 2017 20:36:31 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:46 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.60 Mbit/s

95th percentile per-packet one-way delay: 92.503 ms

Loss rate: 0.87%

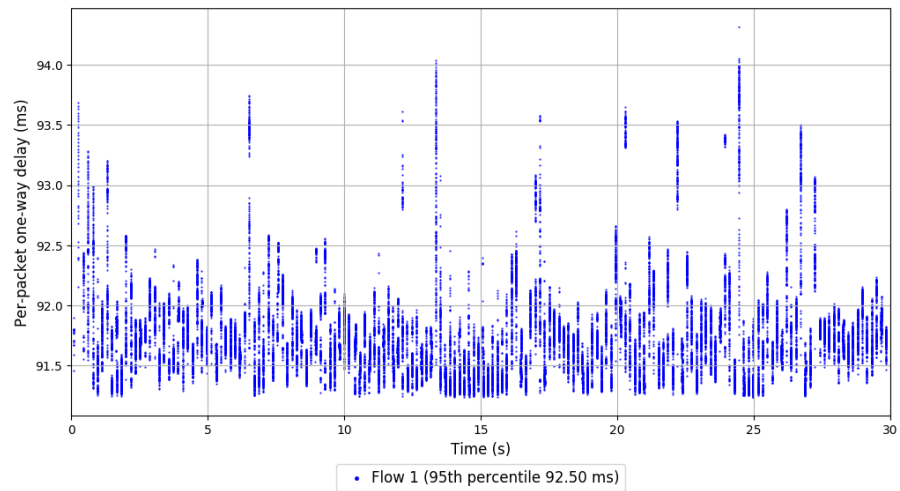
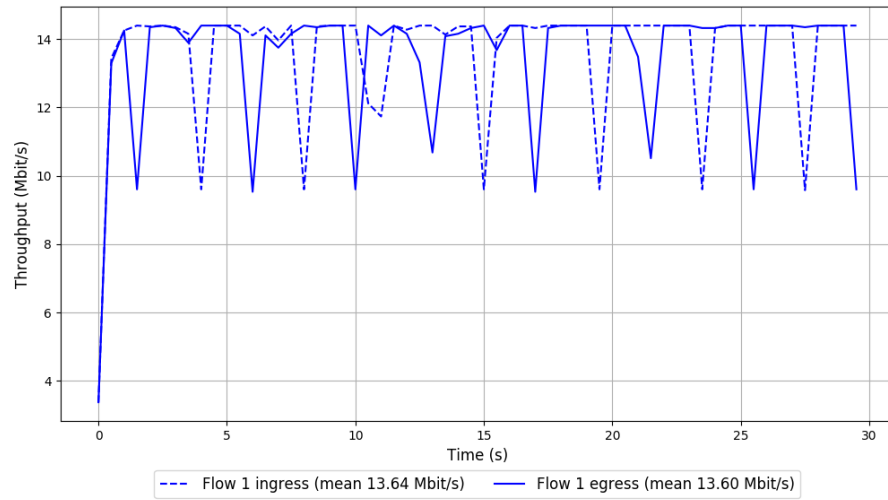
-- Flow 1:

Average throughput: 13.60 Mbit/s

95th percentile per-packet one-way delay: 92.503 ms

Loss rate: 0.87%

### Run 8: Report of Saturator — Data Link



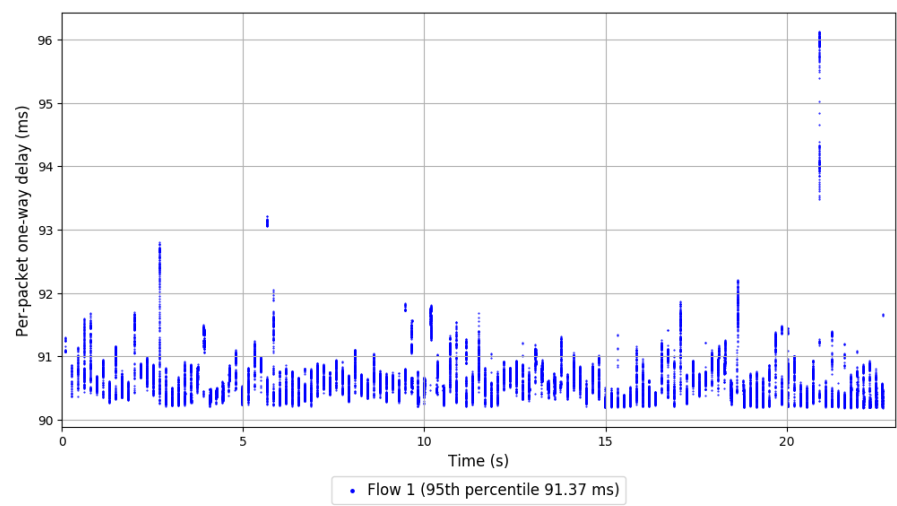
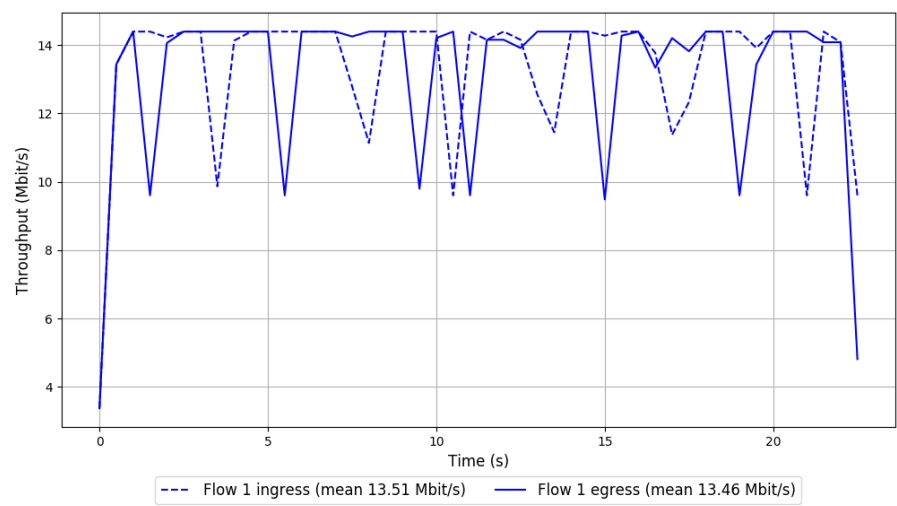
Run 9: Statistics of Saturator

Start at: Sat, 05 Aug 2017 20:46:52 +0000

End at: Sat, 05 Aug 2017 20:47:22 +0000



Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: Sat, 05 Aug 2017 20:57:56 +0000

End at: Sat, 05 Aug 2017 20:58:26 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.58 Mbit/s

95th percentile per-packet one-way delay: 90.457 ms

Loss rate: 0.93%

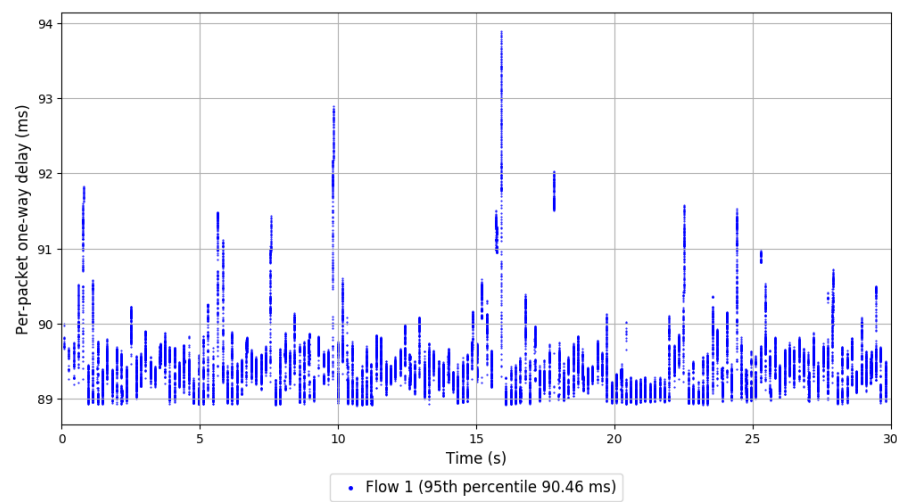
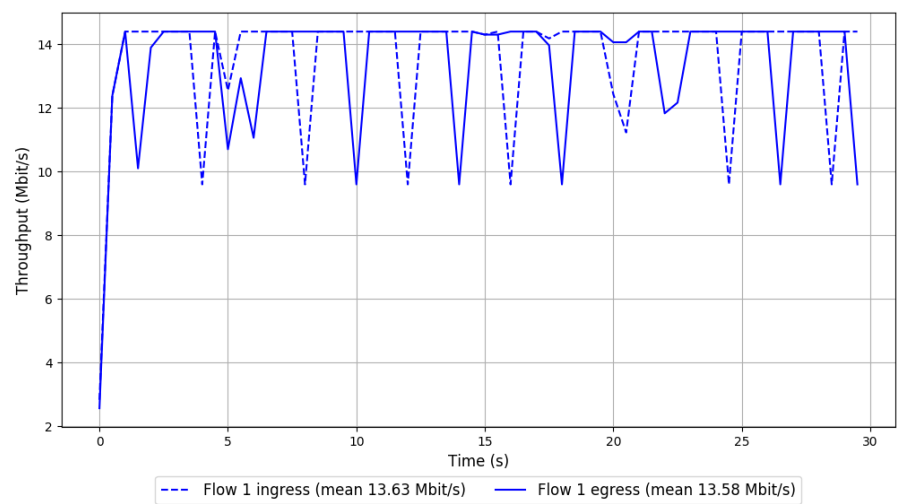
-- Flow 1:

Average throughput: 13.58 Mbit/s

95th percentile per-packet one-way delay: 90.457 ms

Loss rate: 0.93%

Run 10: Report of Saturator — Data Link



Run 1: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 19:14:15 +0000

End at: Sat, 05 Aug 2017 19:14:45 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:50 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.199 ms

Loss rate: 0.64%

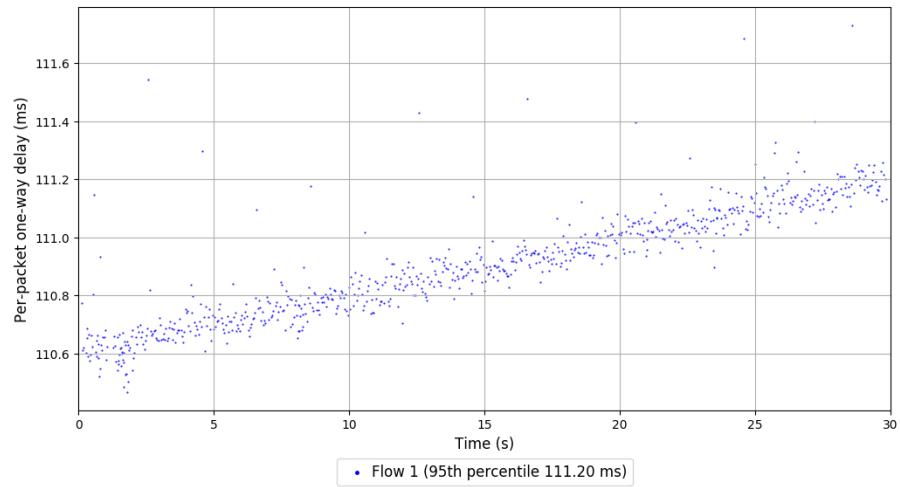
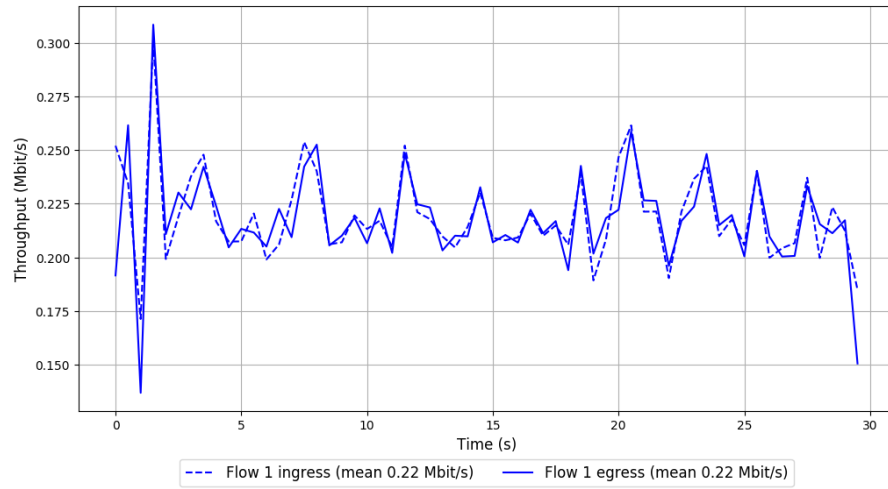
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 111.199 ms

Loss rate: 0.64%

## Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 19:26:17 +0000

End at: Sat, 05 Aug 2017 19:26:47 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 101.185 ms

Loss rate: 0.51%

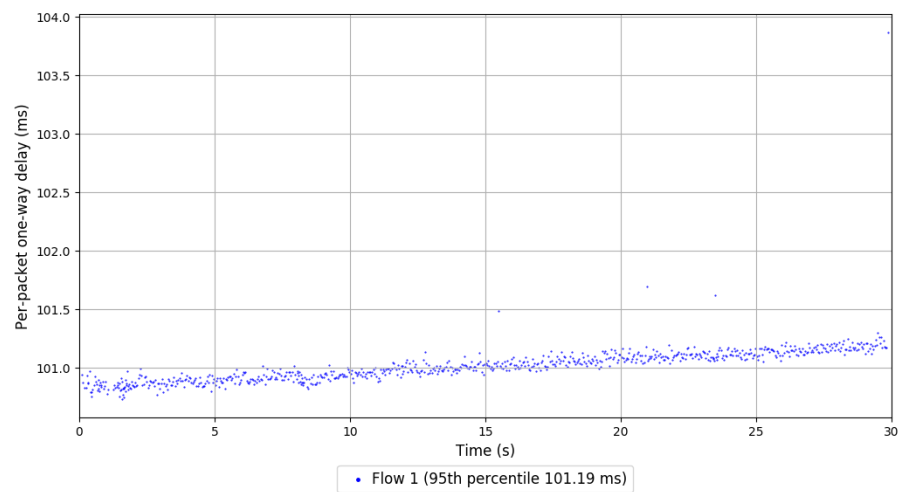
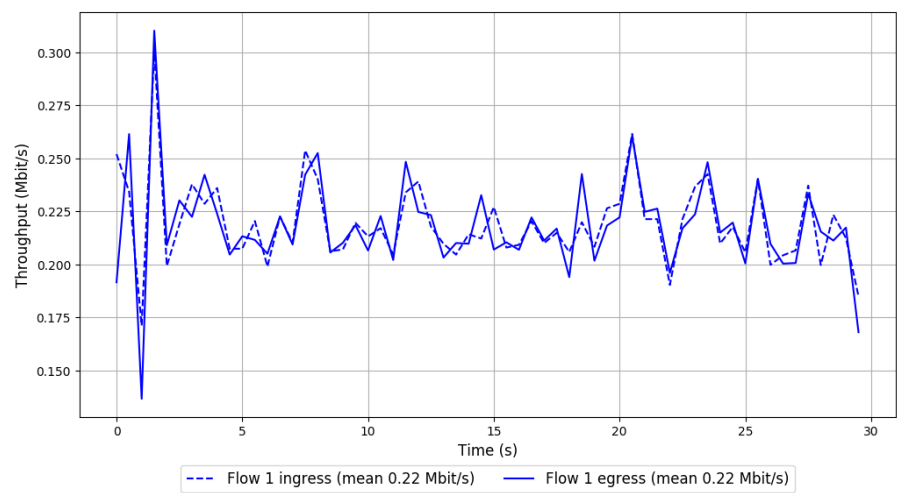
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 101.185 ms

Loss rate: 0.51%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 19:38:11 +0000

End at: Sat, 05 Aug 2017 19:38:41 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 93.704 ms

Loss rate: 0.51%

-- Flow 1:

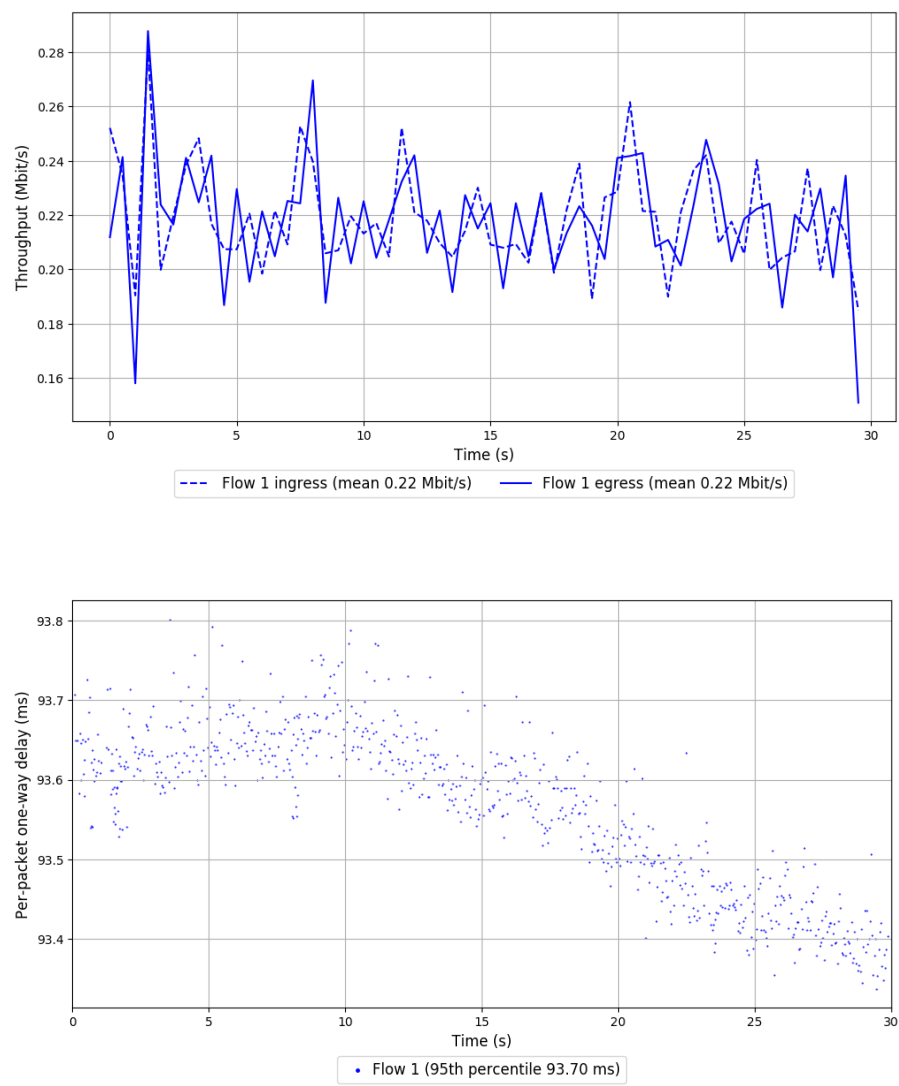
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 93.704 ms

Loss rate: 0.51%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 19:50:41 +0000

End at: Sat, 05 Aug 2017 19:51:11 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:52 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 92.436 ms

Loss rate: 2.02%

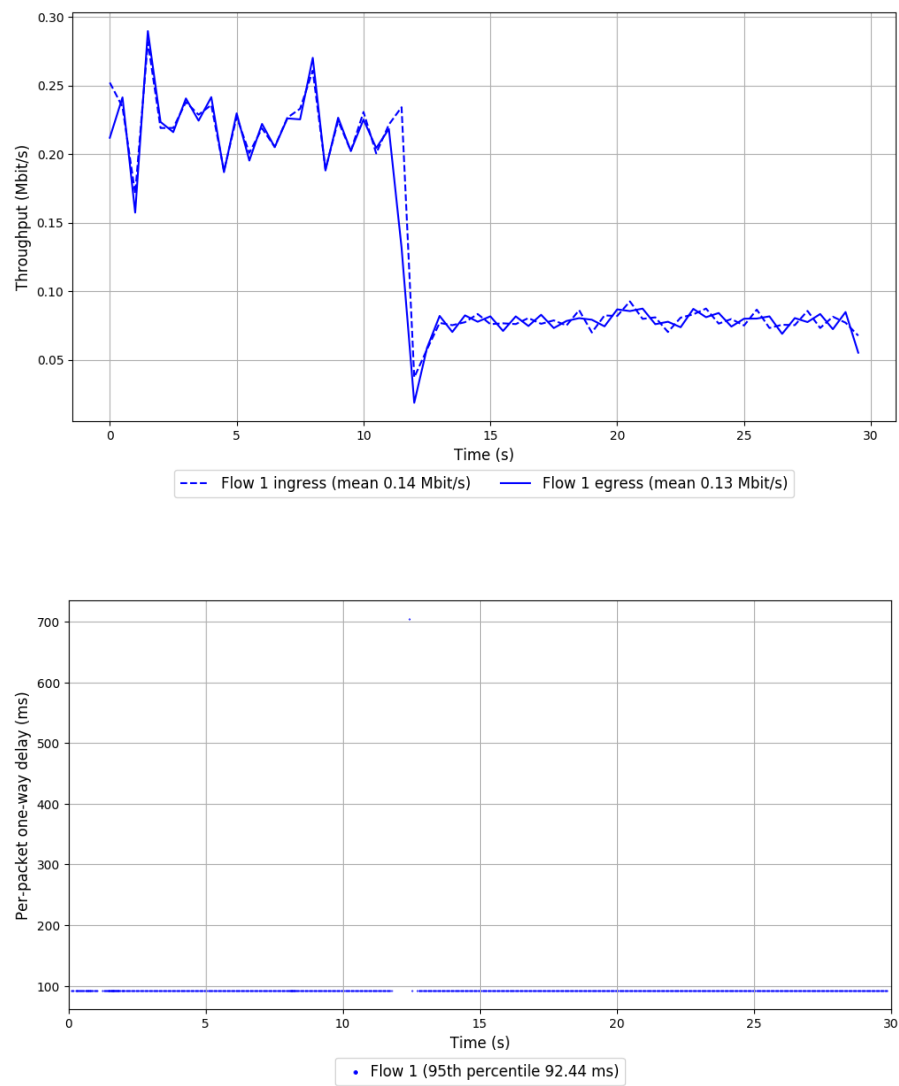
-- Flow 1:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 92.436 ms

Loss rate: 2.02%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 20:01:59 +0000

End at: Sat, 05 Aug 2017 20:02:29 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:53 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 89.889 ms

Loss rate: 0.51%

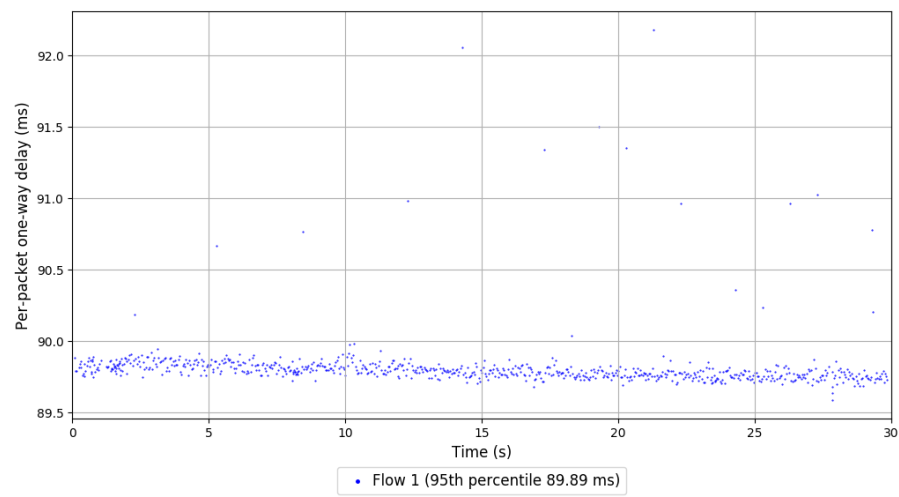
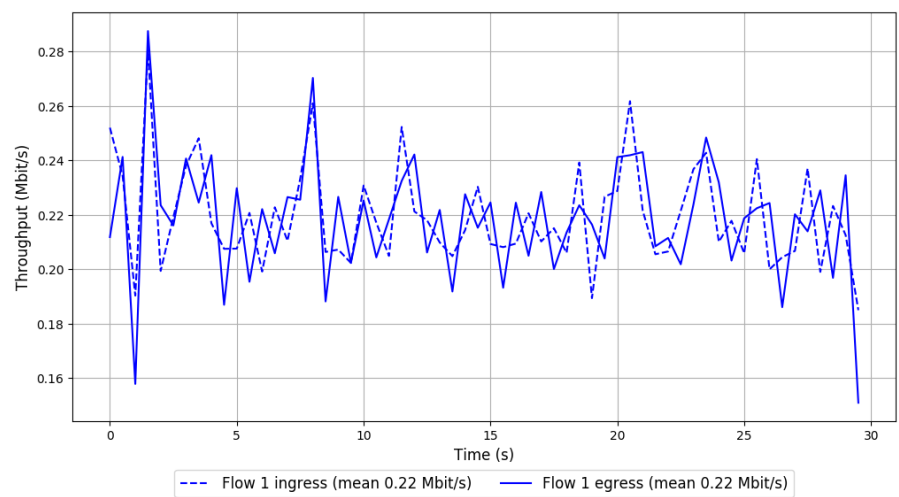
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 89.889 ms

Loss rate: 0.51%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 20:13:14 +0000

End at: Sat, 05 Aug 2017 20:13:44 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:54 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 90.517 ms

Loss rate: 0.64%

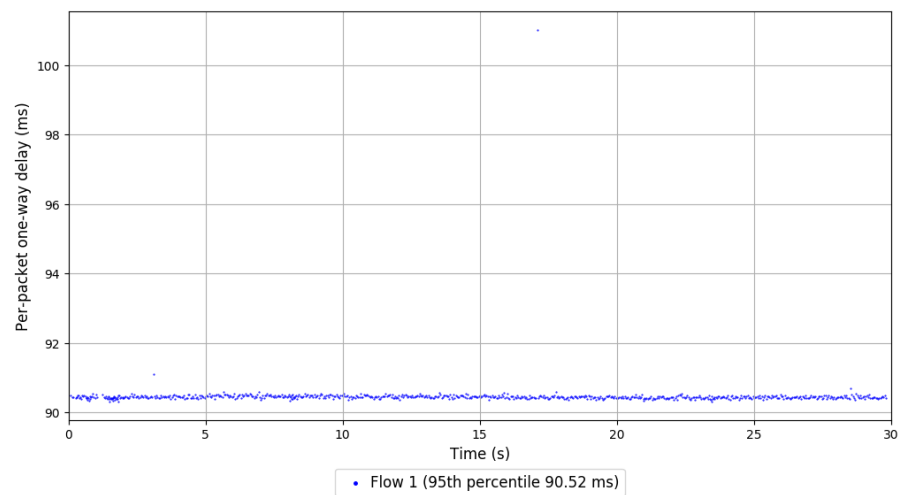
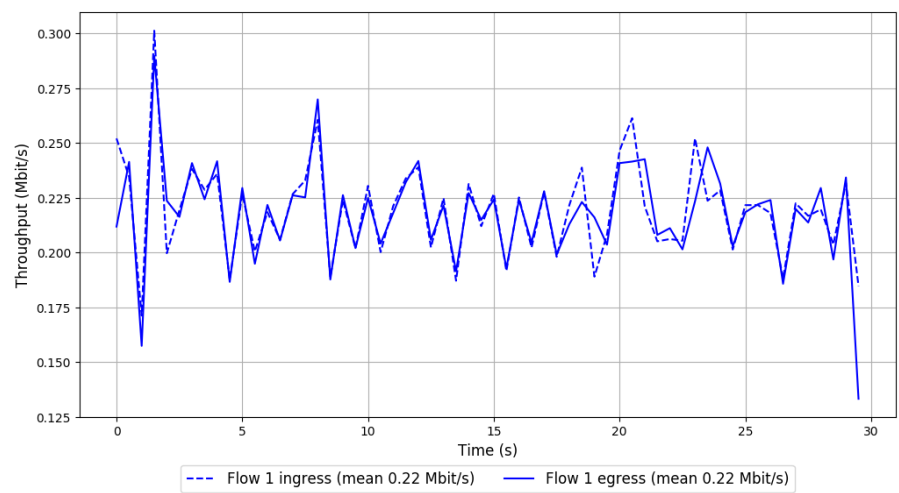
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 90.517 ms

Loss rate: 0.64%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 20:24:36 +0000

End at: Sat, 05 Aug 2017 20:25:06 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:55 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 92.200 ms

Loss rate: 0.55%

-- Flow 1:

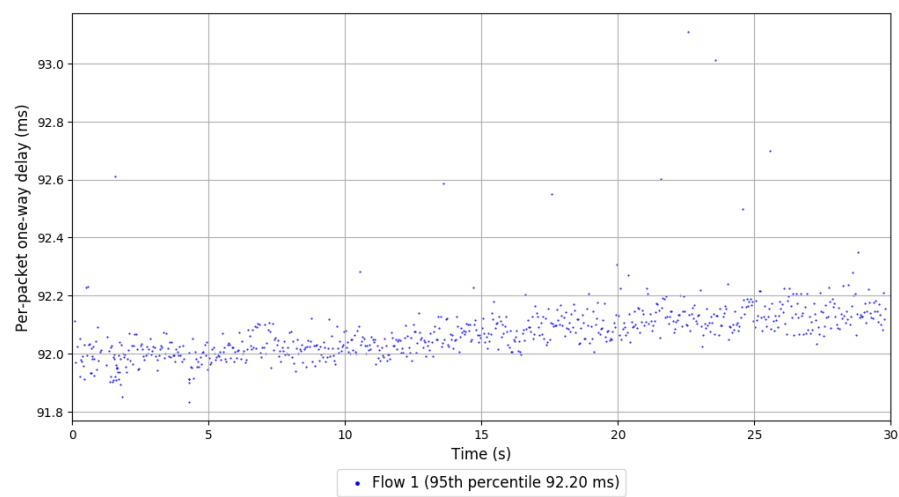
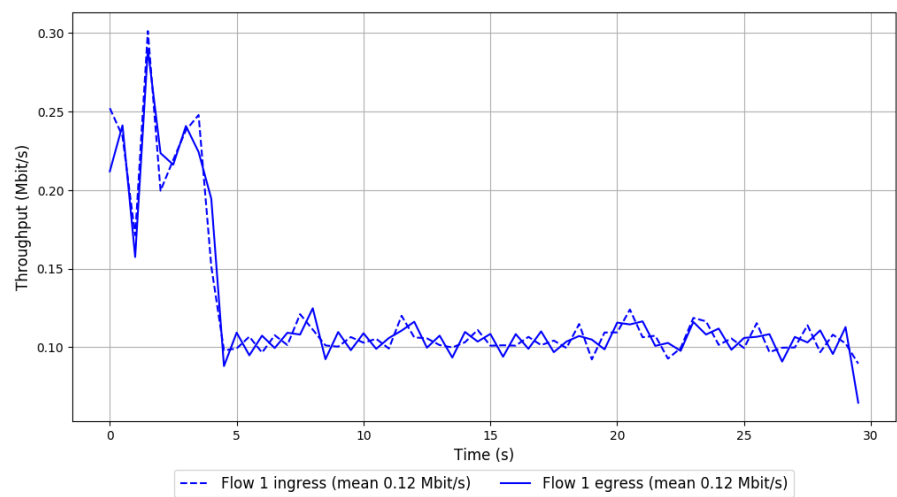
Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 92.200 ms

Loss rate: 0.55%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 20:35:22 +0000

End at: Sat, 05 Aug 2017 20:35:52 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 91.163 ms

Loss rate: 0.51%

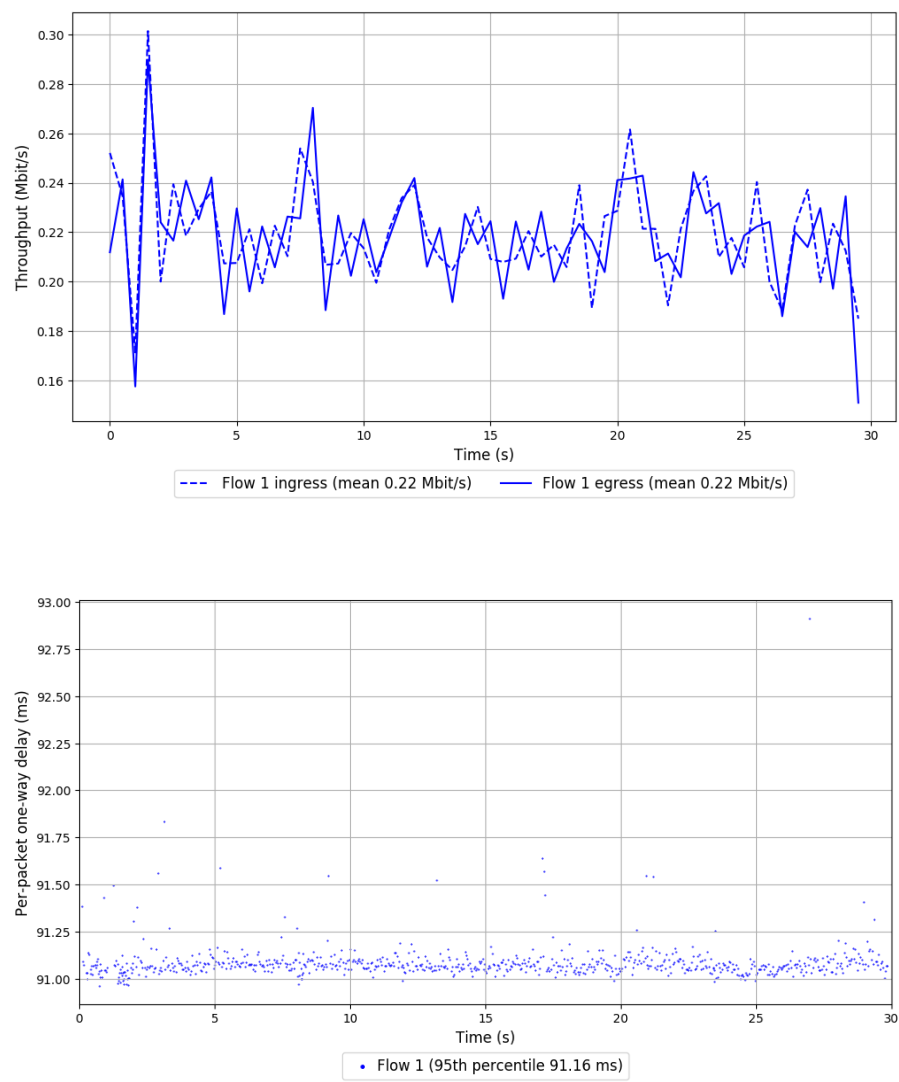
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 91.163 ms

Loss rate: 0.51%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: Sat, 05 Aug 2017 20:46:13 +0000

End at: Sat, 05 Aug 2017 20:46:43 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 90.564 ms

Loss rate: 0.51%

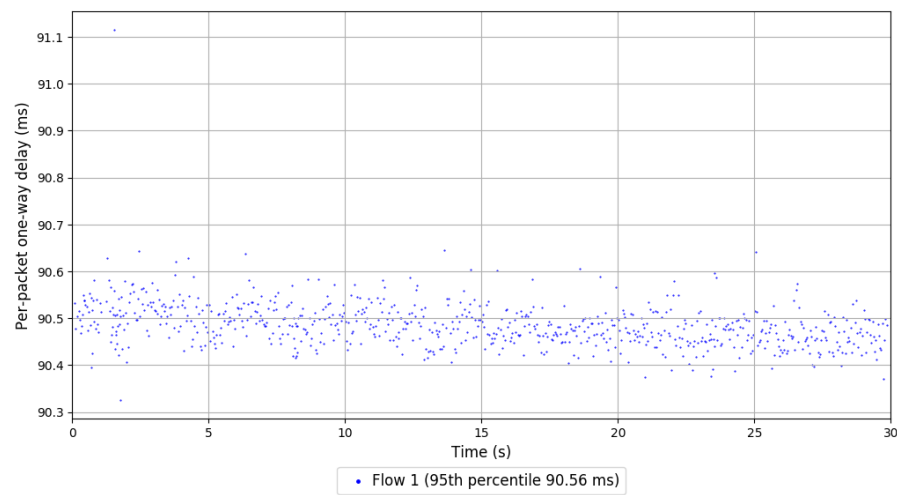
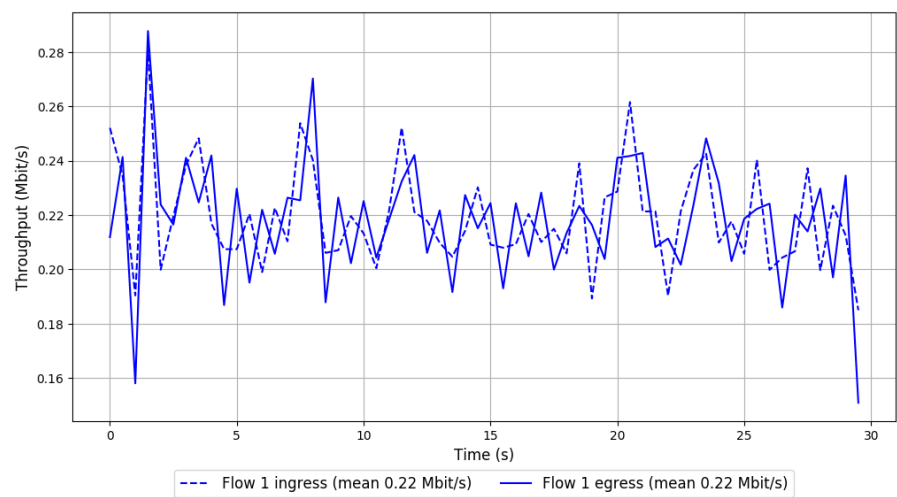
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 90.564 ms

Loss rate: 0.51%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: Sat, 05 Aug 2017 20:57:17 +0000

End at: Sat, 05 Aug 2017 20:57:47 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:57 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.980 ms

Loss rate: 0.51%

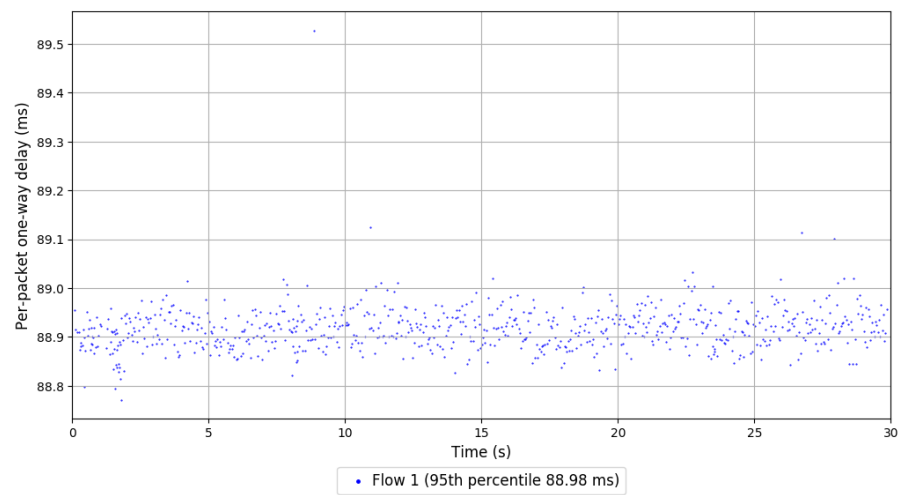
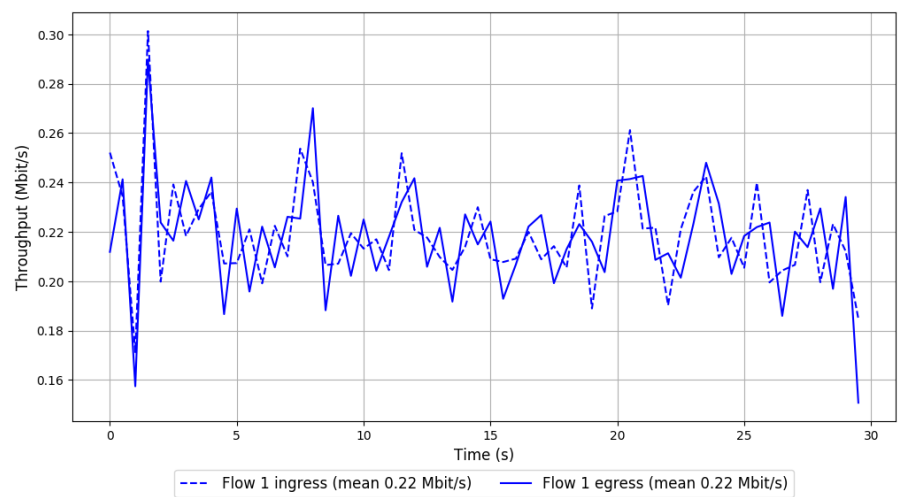
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.980 ms

Loss rate: 0.51%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: Sat, 05 Aug 2017 19:21:24 +0000

End at: Sat, 05 Aug 2017 19:21:54 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:58 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.64 Mbit/s

95th percentile per-packet one-way delay: 102.140 ms

Loss rate: 1.25%

-- Flow 1:

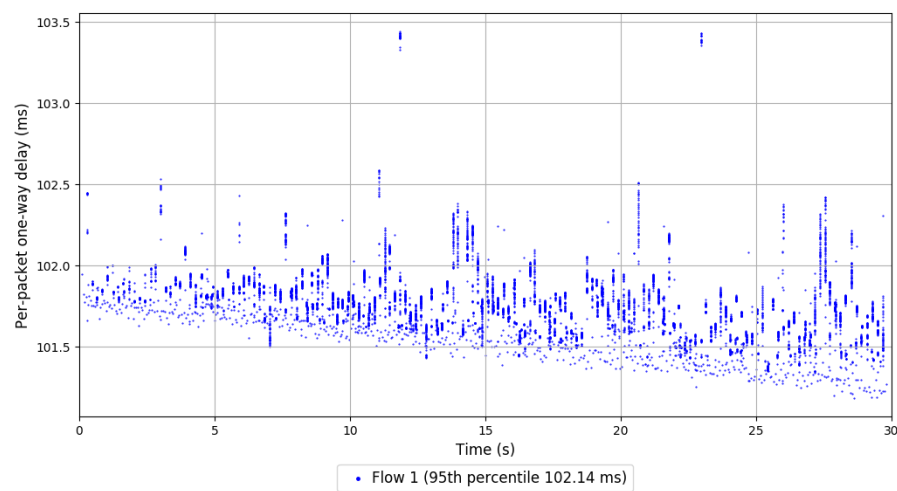
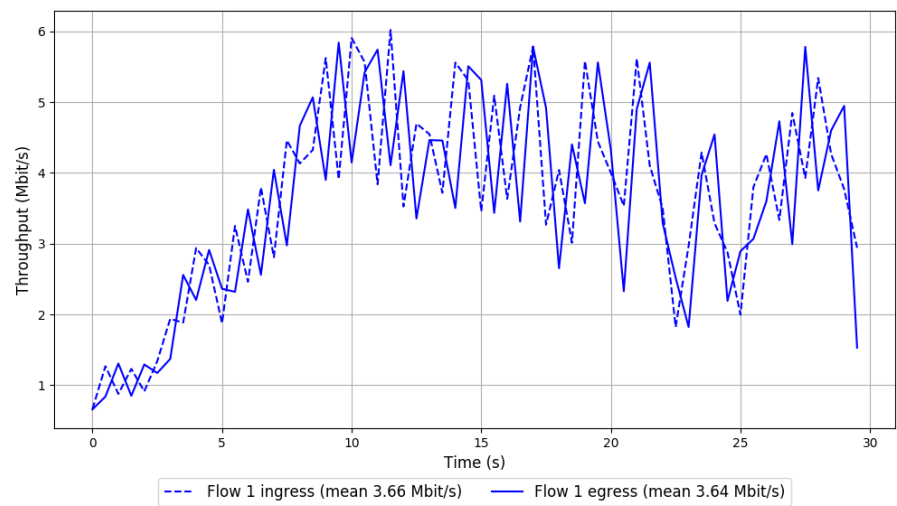
Average throughput: 3.64 Mbit/s

95th percentile per-packet one-way delay: 102.140 ms

Loss rate: 1.25%



Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Sat, 05 Aug 2017 19:33:24 +0000

End at: Sat, 05 Aug 2017 19:33:54 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:55:59 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.86 Mbit/s

95th percentile per-packet one-way delay: 96.235 ms

Loss rate: 3.11%

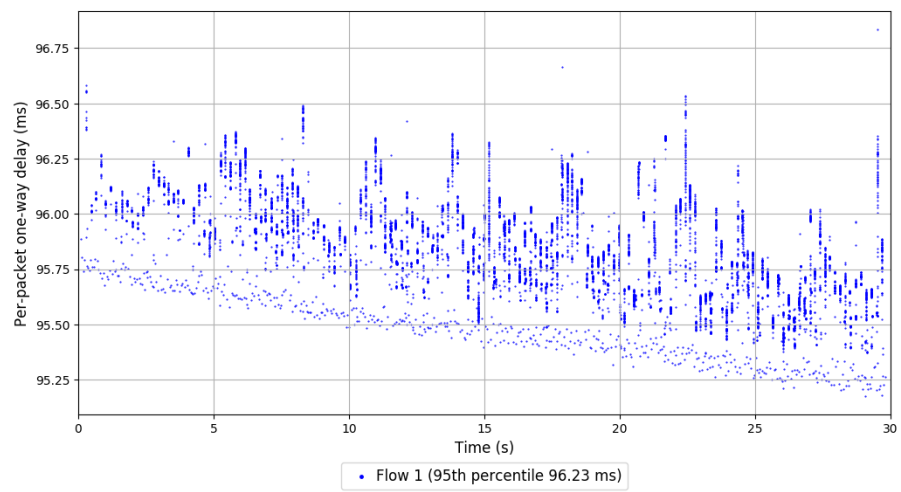
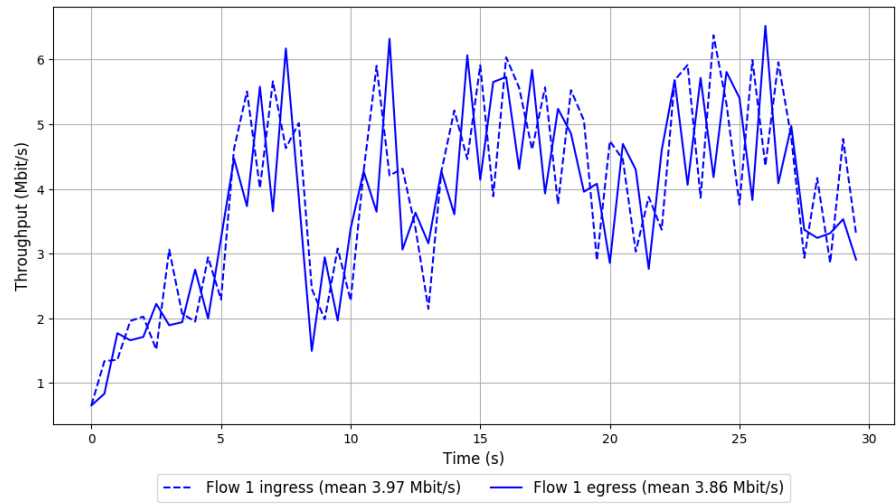
-- Flow 1:

Average throughput: 3.86 Mbit/s

95th percentile per-packet one-way delay: 96.235 ms

Loss rate: 3.11%

## Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Sat, 05 Aug 2017 19:45:34 +0000

End at: Sat, 05 Aug 2017 19:46:04 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.29 Mbit/s

95th percentile per-packet one-way delay: 92.672 ms

Loss rate: 1.68%

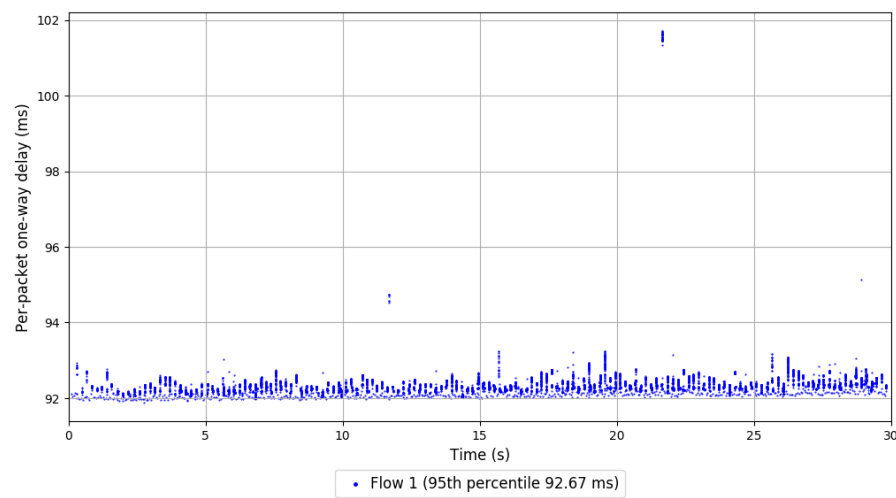
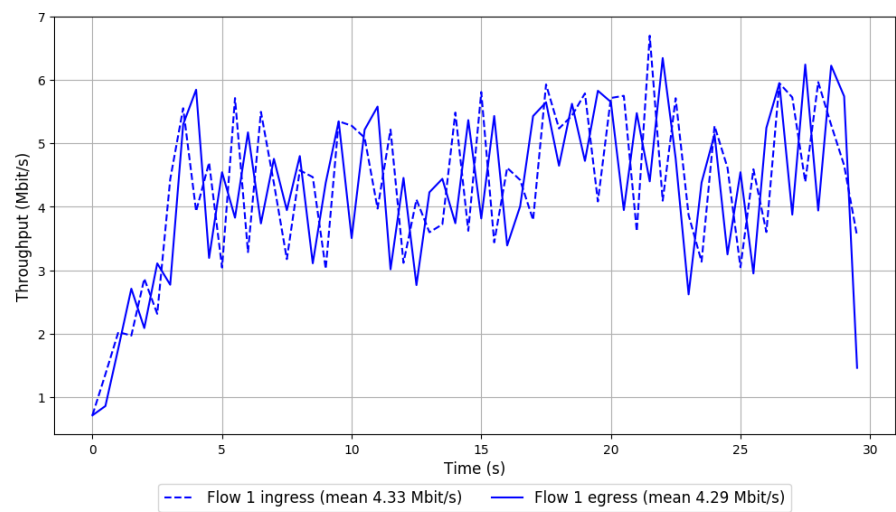
-- Flow 1:

Average throughput: 4.29 Mbit/s

95th percentile per-packet one-way delay: 92.672 ms

Loss rate: 1.68%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: Sat, 05 Aug 2017 19:57:31 +0000

End at: Sat, 05 Aug 2017 19:58:01 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:01 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.26 Mbit/s

95th percentile per-packet one-way delay: 92.675 ms

Loss rate: 0.94%

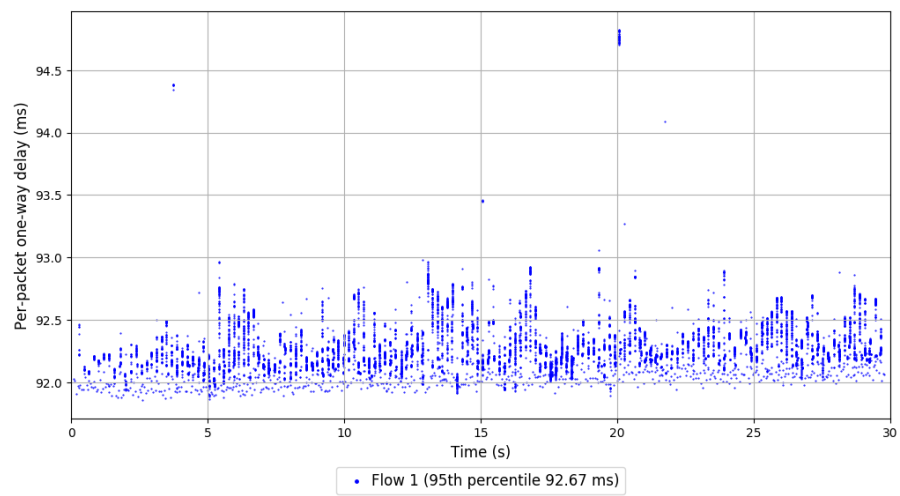
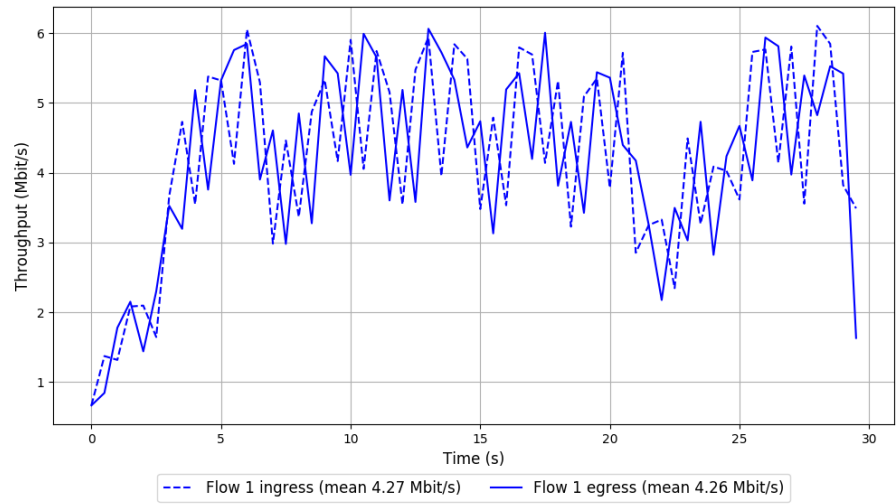
-- Flow 1:

Average throughput: 4.26 Mbit/s

95th percentile per-packet one-way delay: 92.675 ms

Loss rate: 0.94%

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



Run 5: Statistics of Sprout

Start at: Sat, 05 Aug 2017 20:08:45 +0000

End at: Sat, 05 Aug 2017 20:09:15 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.29 Mbit/s

95th percentile per-packet one-way delay: 91.523 ms

Loss rate: 1.98%

-- Flow 1:

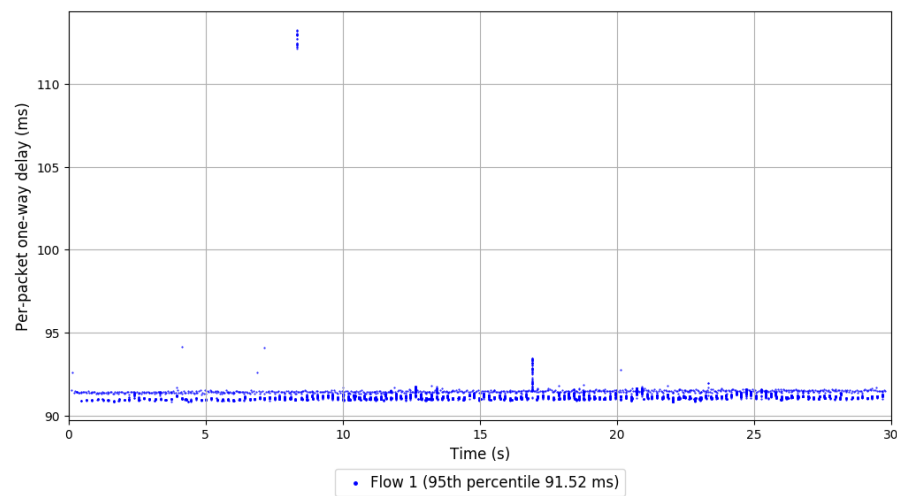
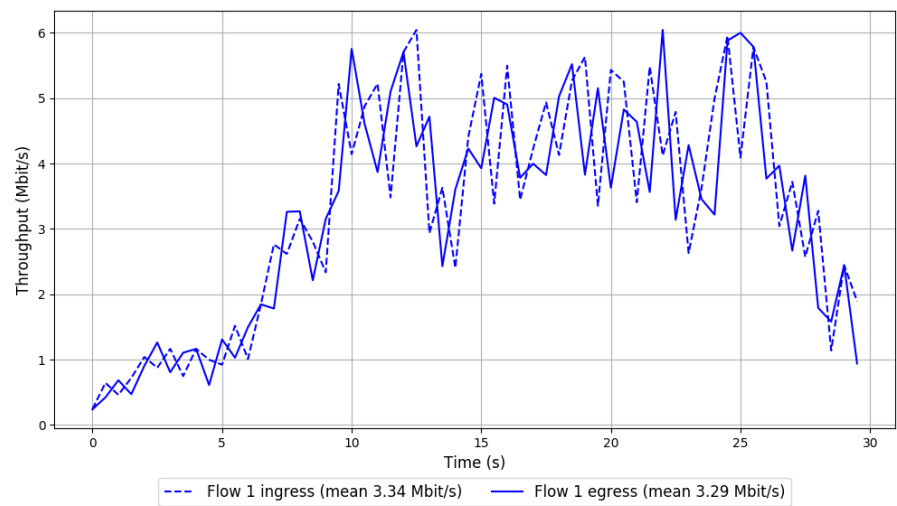
Average throughput: 3.29 Mbit/s

95th percentile per-packet one-way delay: 91.523 ms

Loss rate: 1.98%



Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: Sat, 05 Aug 2017 20:20:10 +0000

End at: Sat, 05 Aug 2017 20:20:40 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:03 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.05 Mbit/s

95th percentile per-packet one-way delay: 91.694 ms

Loss rate: 0.54%

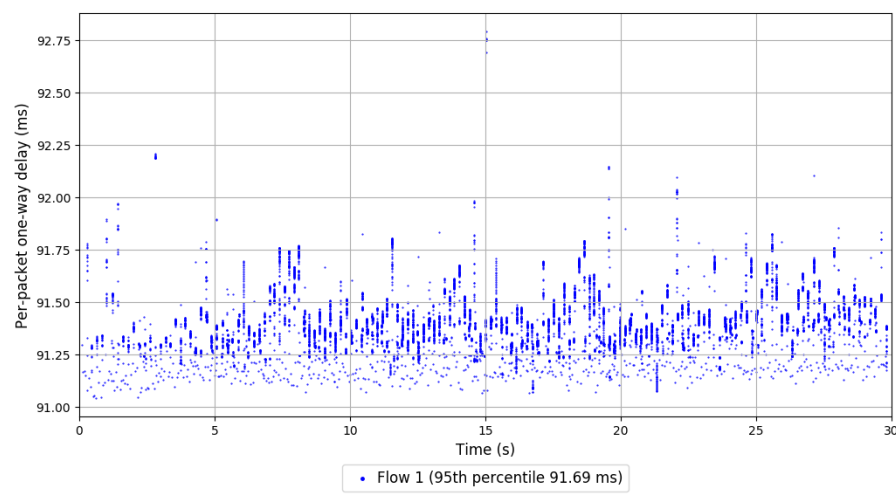
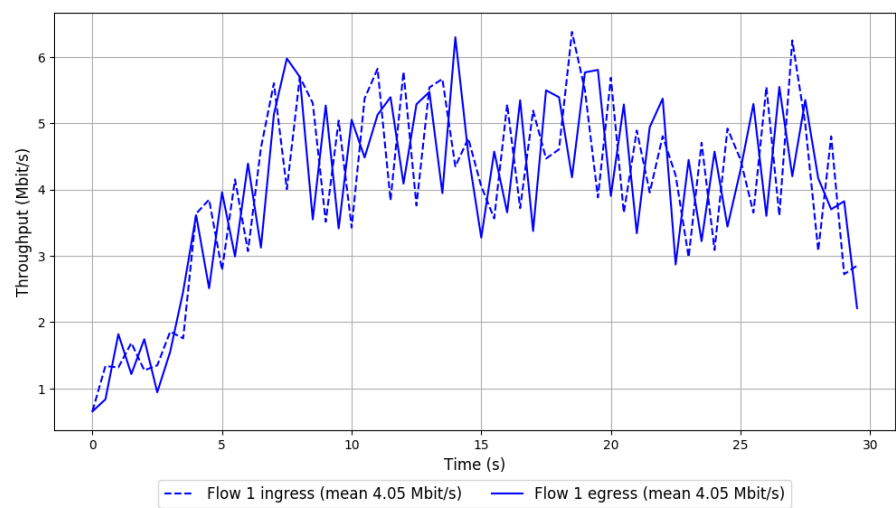
-- Flow 1:

Average throughput: 4.05 Mbit/s

95th percentile per-packet one-way delay: 91.694 ms

Loss rate: 0.54%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Sat, 05 Aug 2017 20:31:08 +0000

End at: Sat, 05 Aug 2017 20:31:38 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 92.555 ms

Loss rate: 5.52%

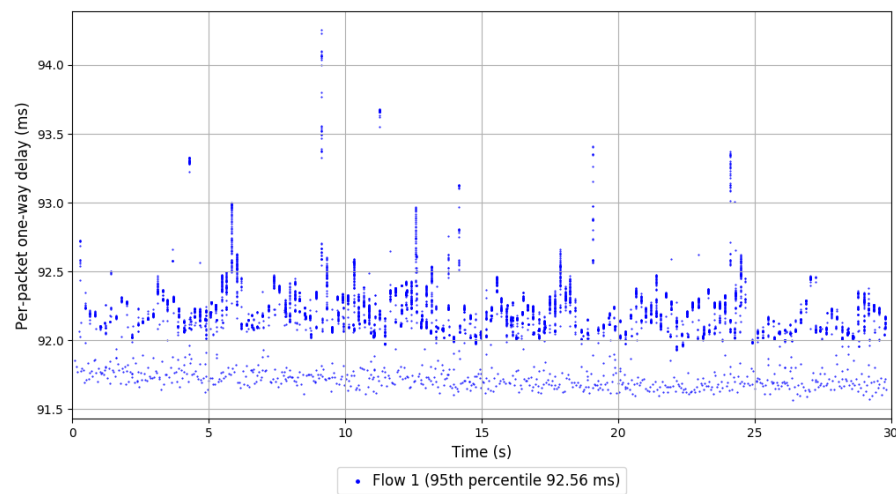
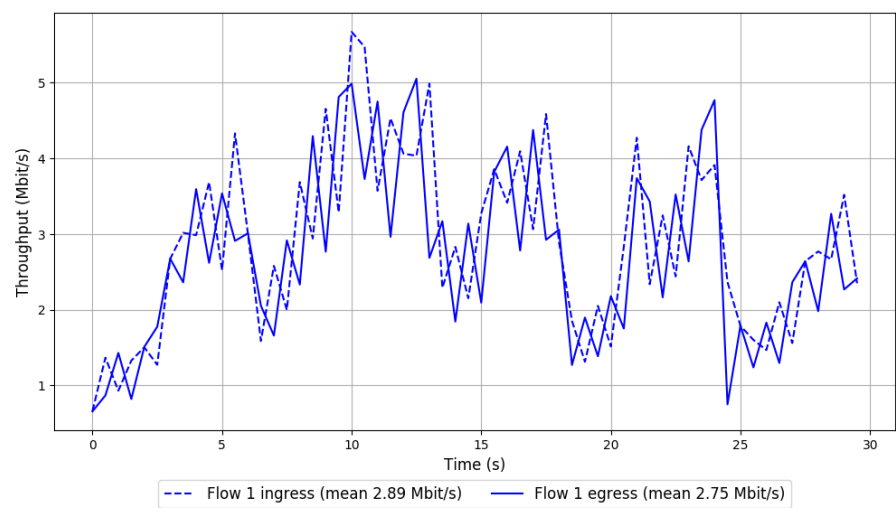
-- Flow 1:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 92.555 ms

Loss rate: 5.52%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Sat, 05 Aug 2017 20:41:55 +0000

End at: Sat, 05 Aug 2017 20:42:25 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:05 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.66 Mbit/s

95th percentile per-packet one-way delay: 92.154 ms

Loss rate: 5.02%

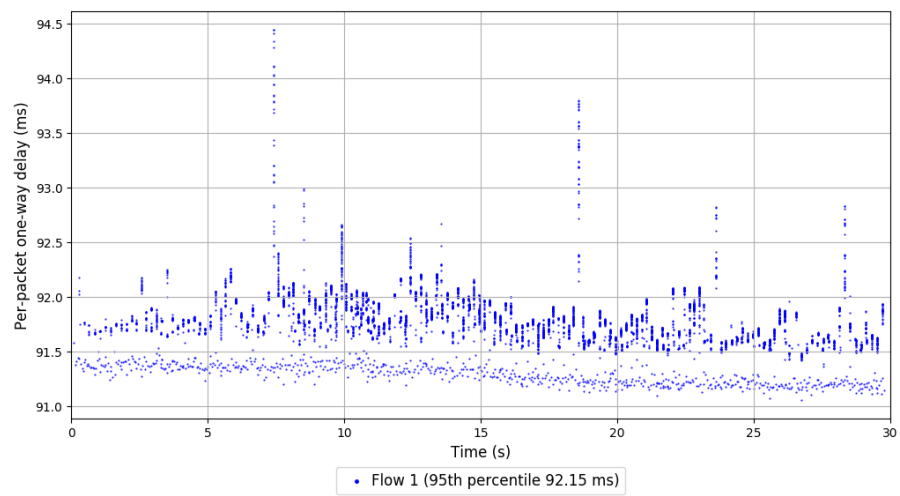
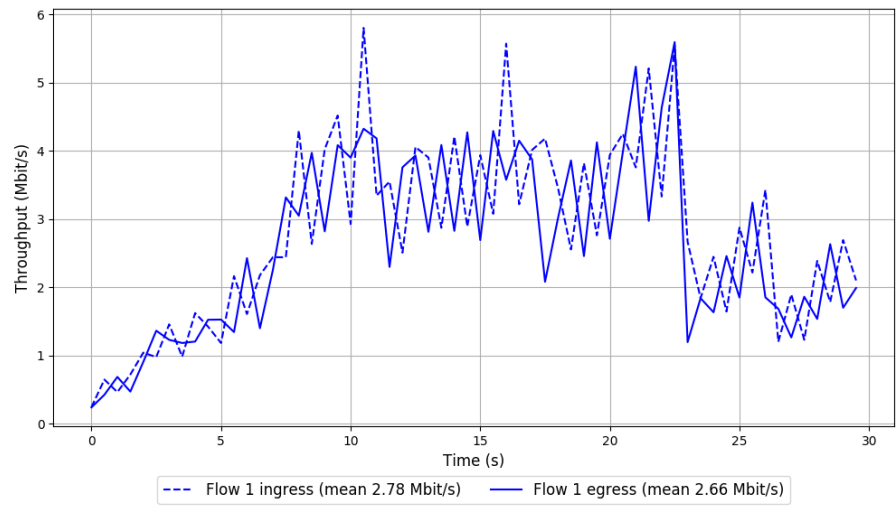
-- Flow 1:

Average throughput: 2.66 Mbit/s

95th percentile per-packet one-way delay: 92.154 ms

Loss rate: 5.02%

## Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: Sat, 05 Aug 2017 20:52:51 +0000

End at: Sat, 05 Aug 2017 20:53:21 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.63 Mbit/s

95th percentile per-packet one-way delay: 89.949 ms

Loss rate: 4.09%

-- Flow 1:

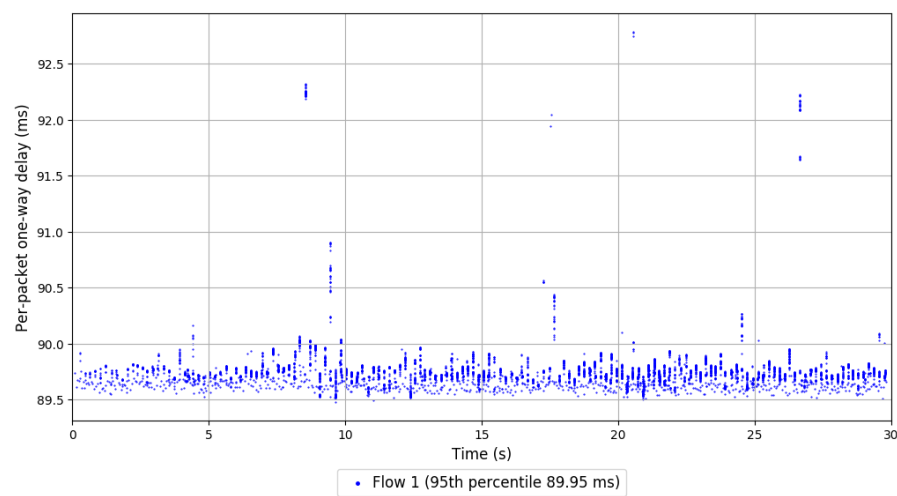
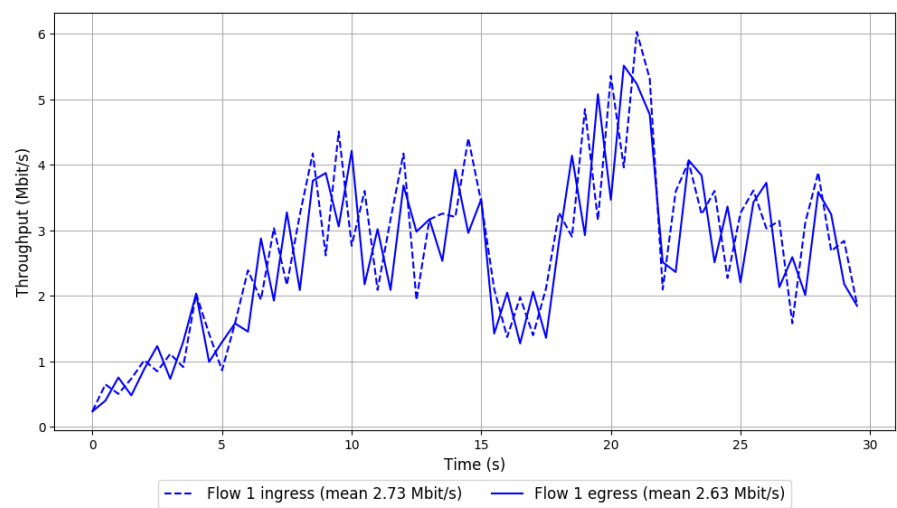
Average throughput: 2.63 Mbit/s

95th percentile per-packet one-way delay: 89.949 ms

Loss rate: 4.09%



Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Sat, 05 Aug 2017 21:03:52 +0000

End at: Sat, 05 Aug 2017 21:04:22 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:56:07 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.35 Mbit/s

95th percentile per-packet one-way delay: 90.057 ms

Loss rate: 1.67%

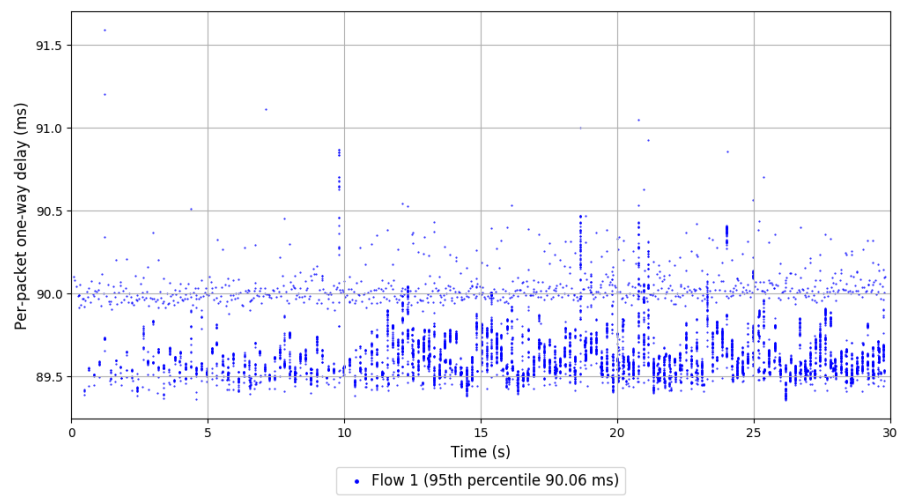
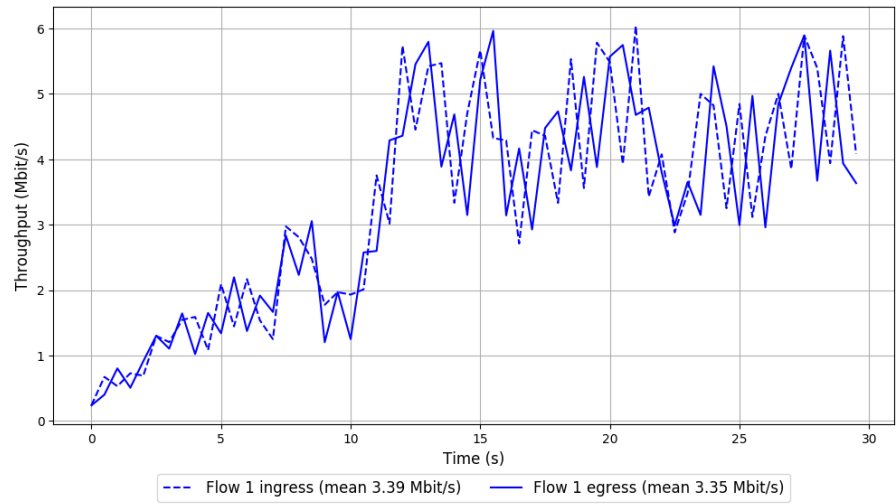
-- Flow 1:

Average throughput: 3.35 Mbit/s

95th percentile per-packet one-way delay: 90.057 ms

Loss rate: 1.67%

## Run 10: Report of Sprout — Data Link

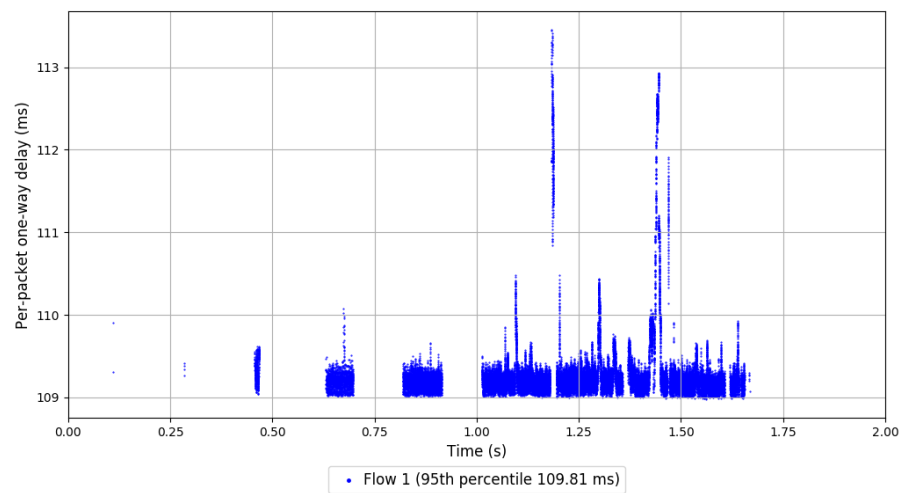
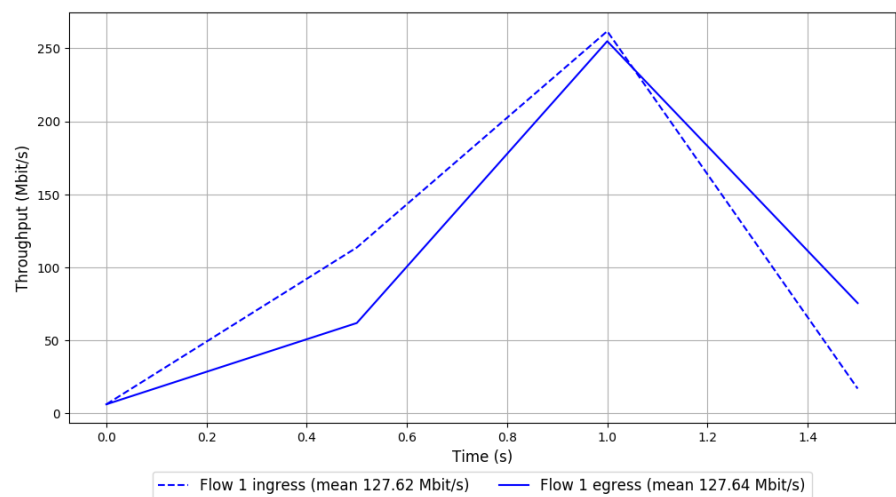


Run 1: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 19:17:03 +0000

End at: Sat, 05 Aug 2017 19:17:33 +0000

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

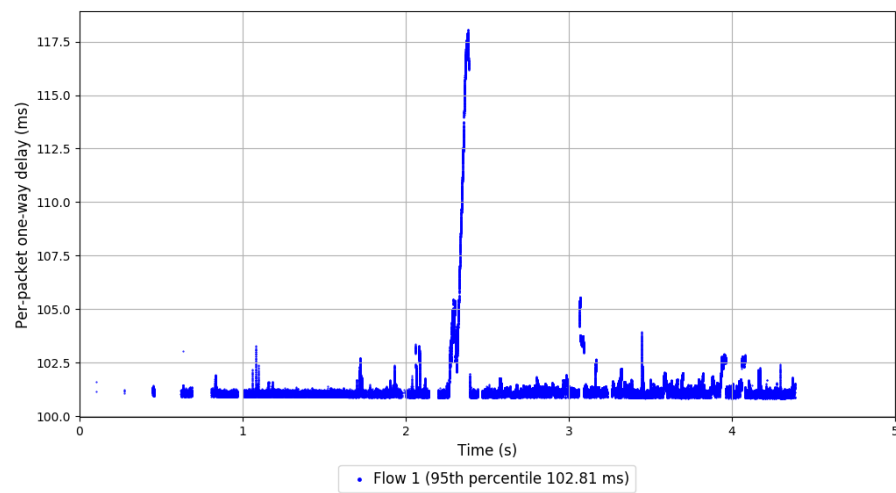
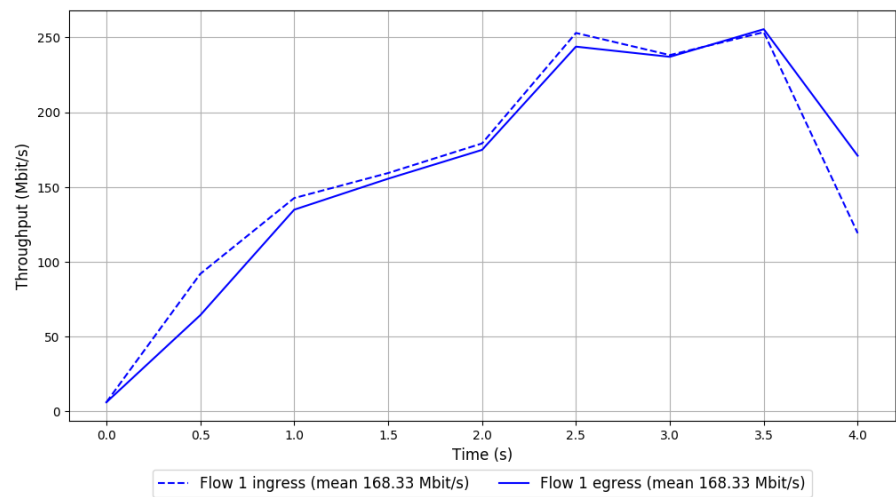


Run 2: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 19:29:07 +0000

End at: Sat, 05 Aug 2017 19:29:37 +0000

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



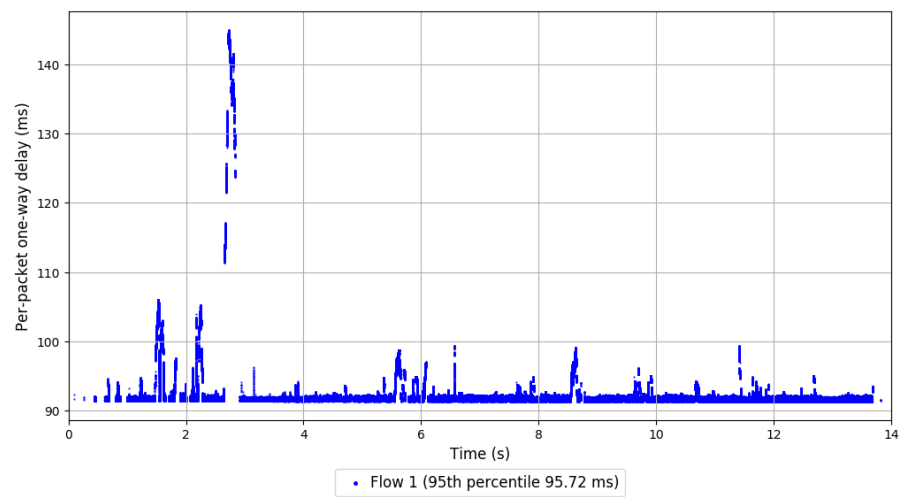
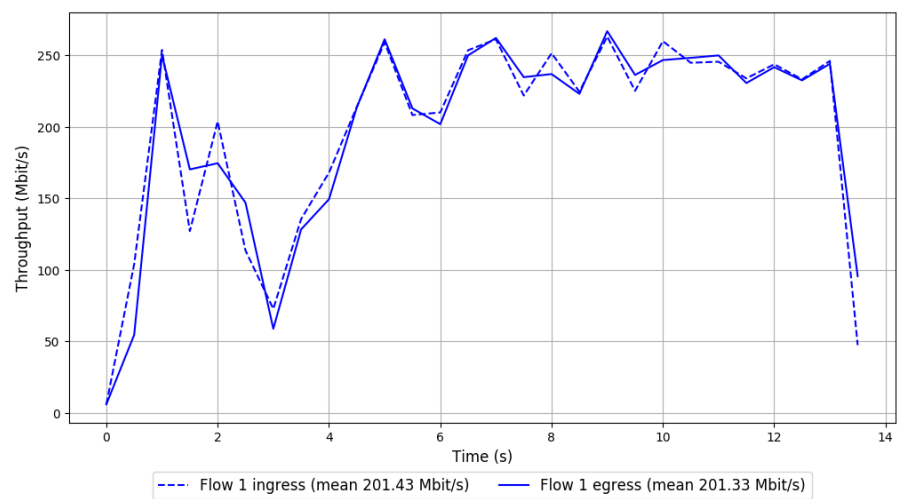
Run 3: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 19:41:00 +0000

End at: Sat, 05 Aug 2017 19:41:30 +0000



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

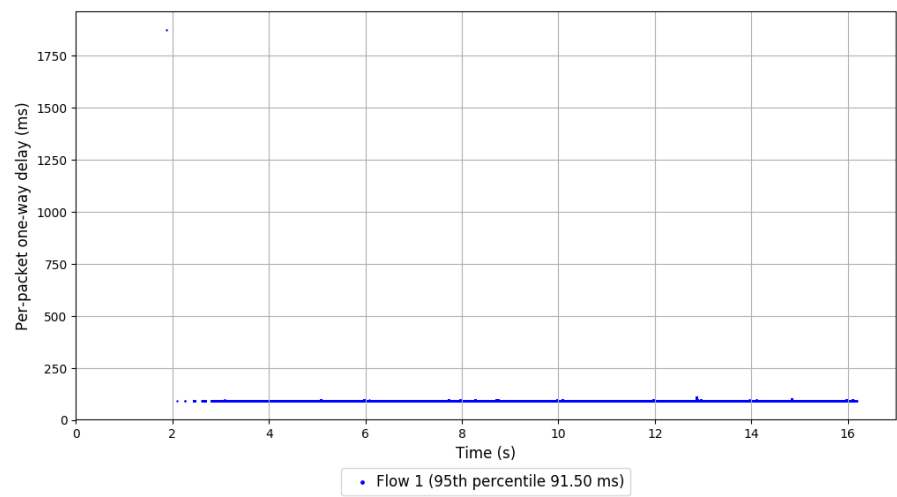
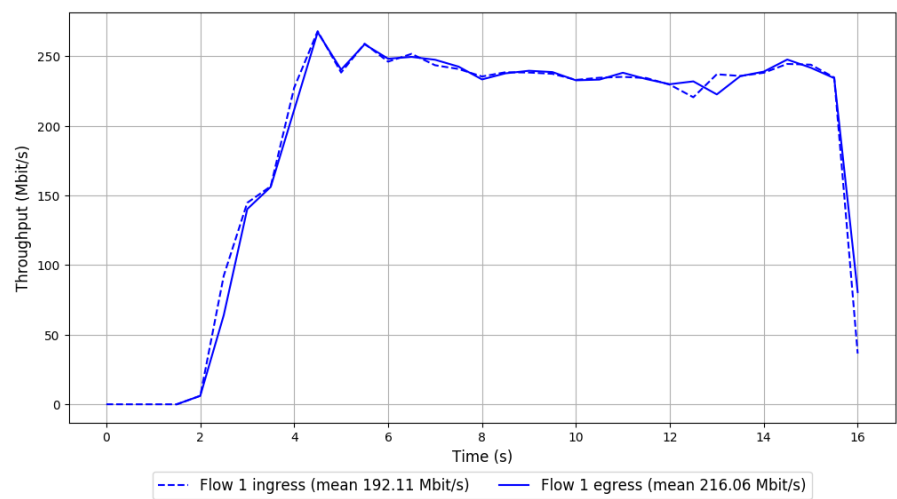


Run 4: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 19:53:29 +0000

End at: Sat, 05 Aug 2017 19:53:59 +0000

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

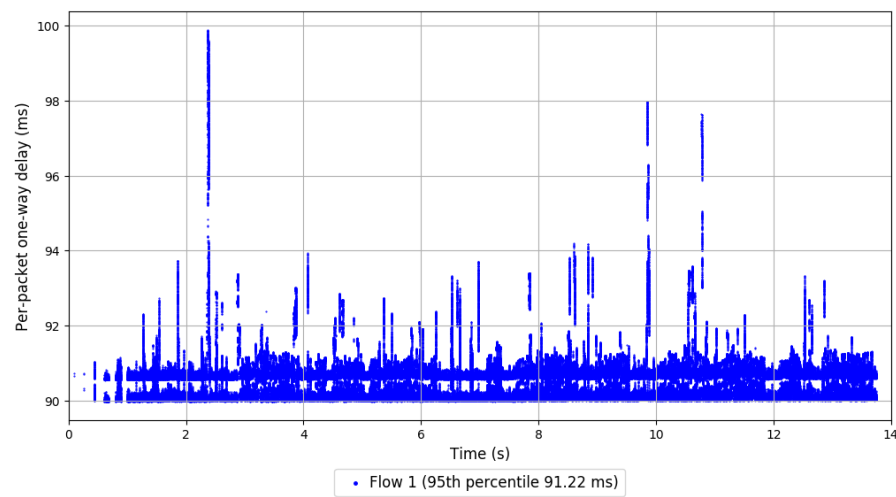
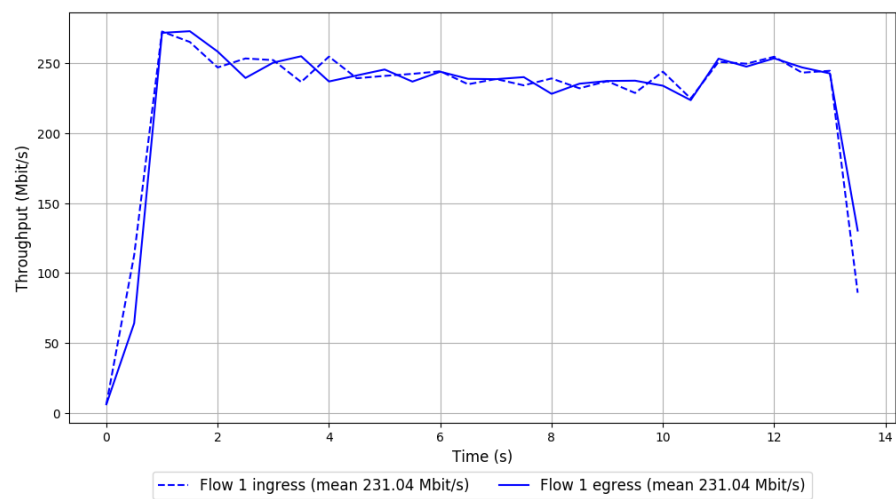


Run 5: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 20:04:45 +0000

End at: Sat, 05 Aug 2017 20:05:15 +0000

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



Run 6: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 20:16:00 +0000

End at: Sat, 05 Aug 2017 20:16:30 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 228.67 Mbit/s

95th percentile per-packet one-way delay: 91.659 ms

Loss rate: 0.63%

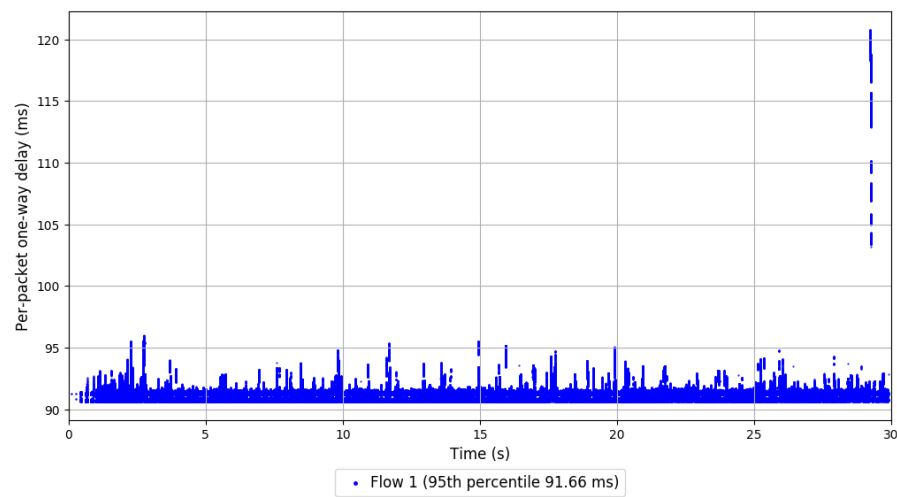
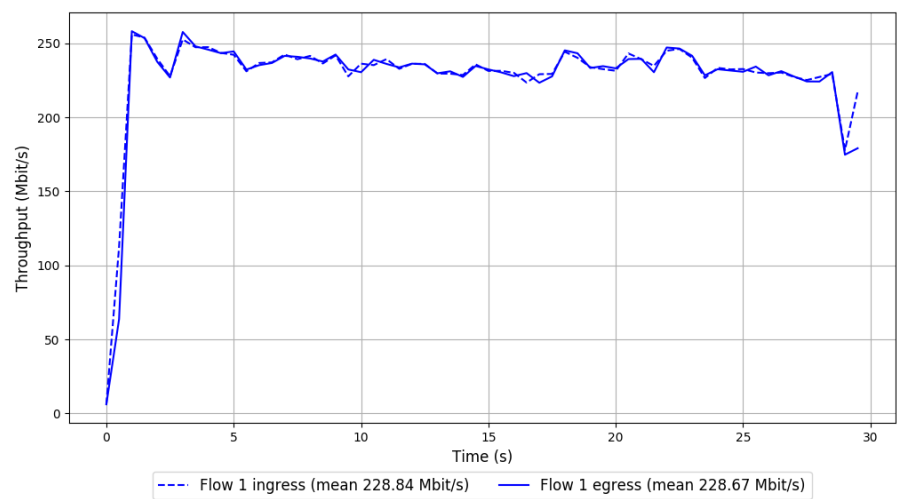
-- Flow 1:

Average throughput: 228.67 Mbit/s

95th percentile per-packet one-way delay: 91.659 ms

Loss rate: 0.63%

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



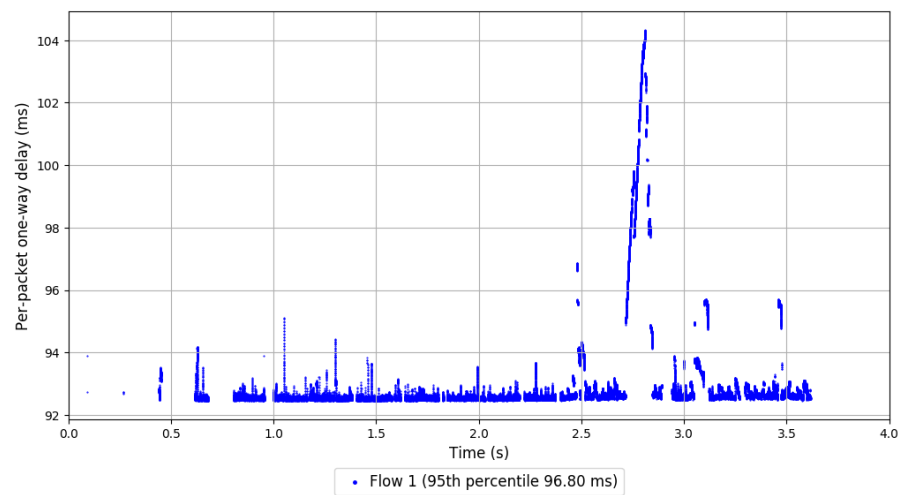
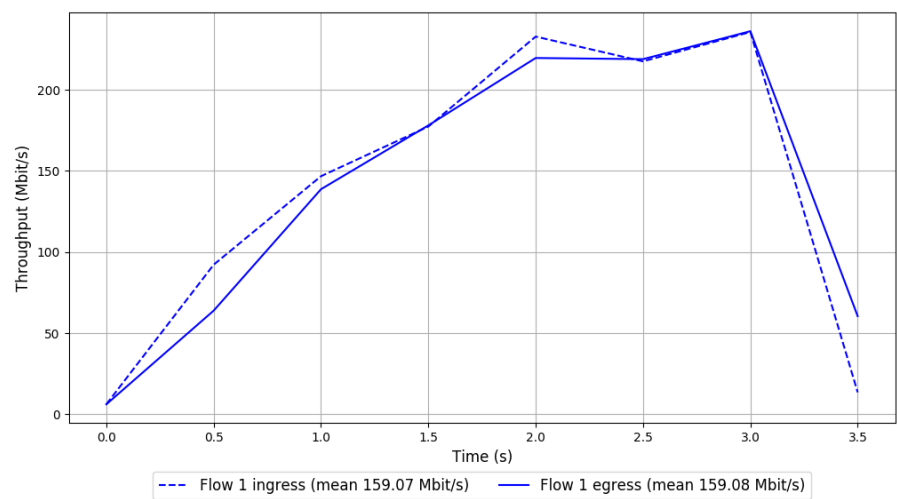
Run 7: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 20:27:22 +0000

End at: Sat, 05 Aug 2017 20:27:52 +0000



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

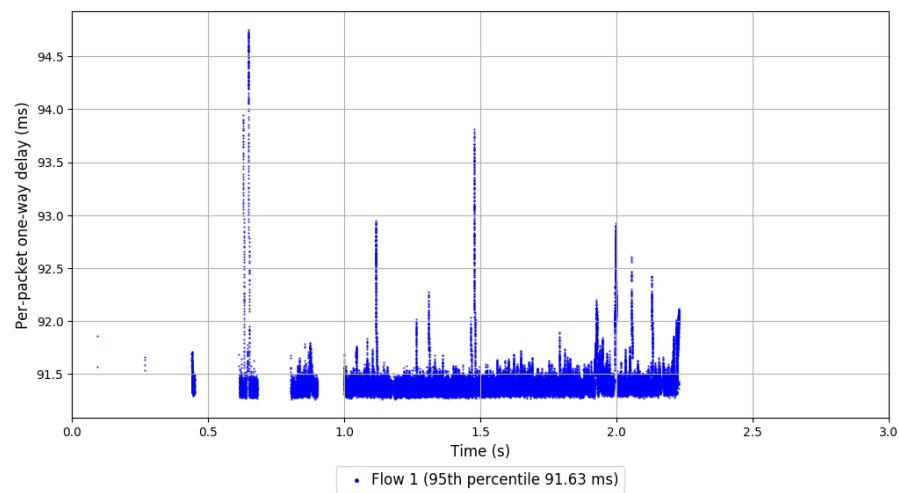
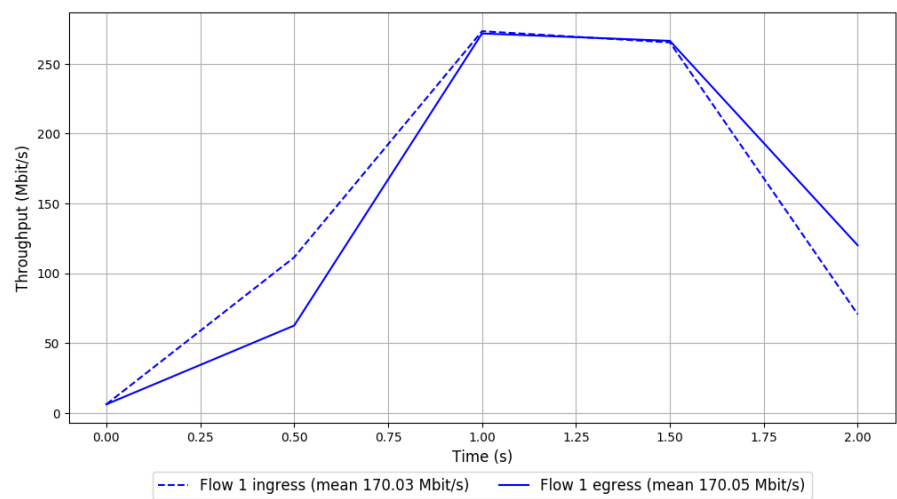


Run 8: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 20:38:07 +0000

End at: Sat, 05 Aug 2017 20:38:37 +0000

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

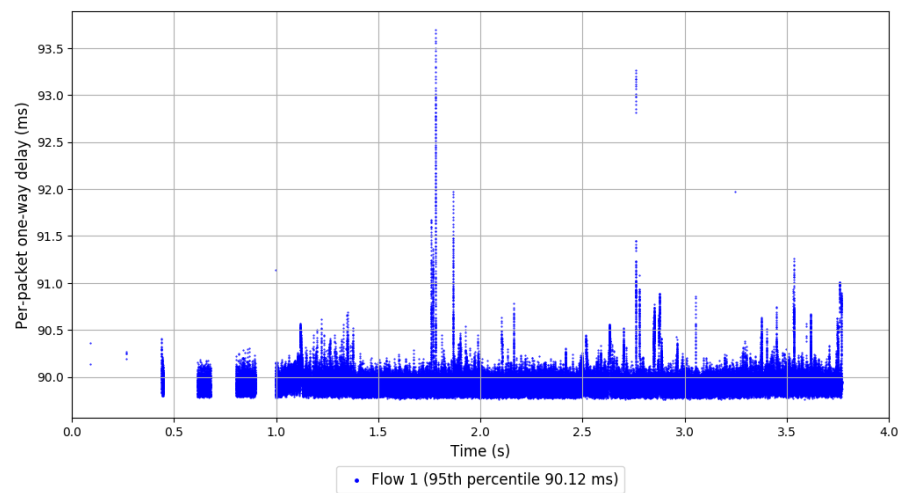
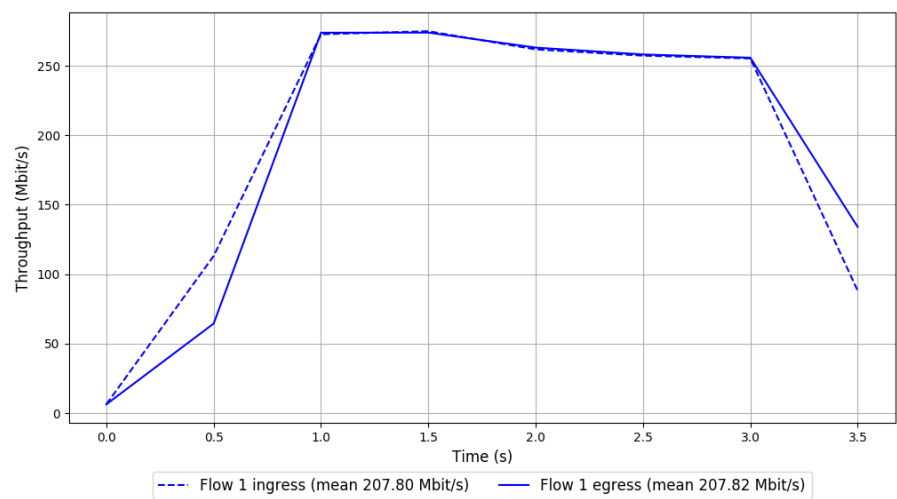


Run 9: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 20:48:58 +0000

End at: Sat, 05 Aug 2017 20:49:28 +0000

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

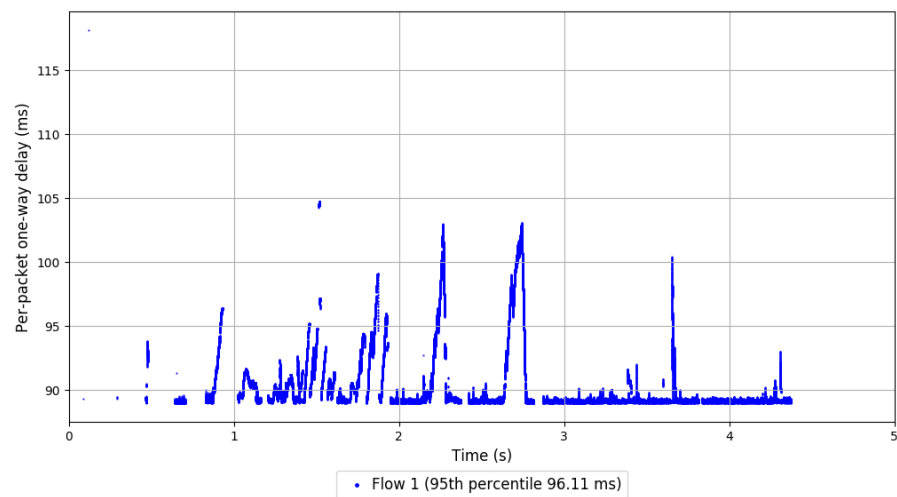
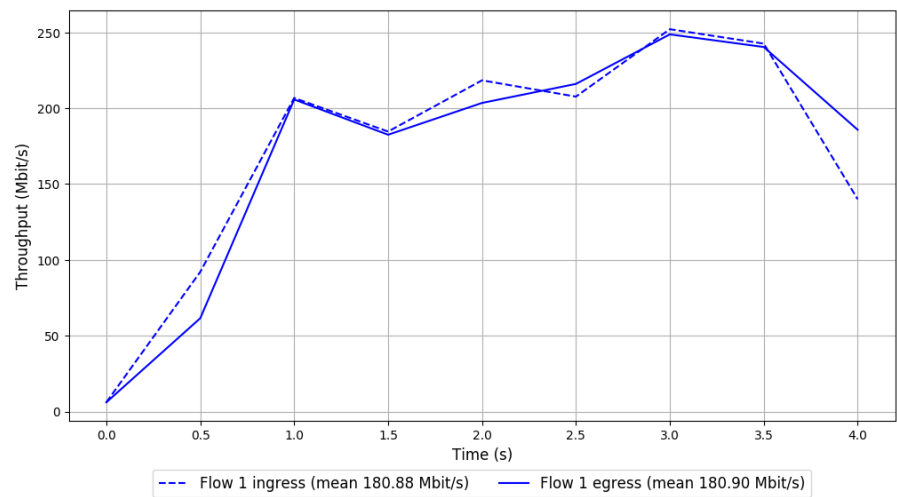


Run 10: Statistics of TaoVA-100x

Start at: Sat, 05 Aug 2017 21:00:02 +0000

End at: Sat, 05 Aug 2017 21:00:32 +0000

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



Run 1: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 19:12:15 +0000

End at: Sat, 05 Aug 2017 19:12:45 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.53 Mbit/s

95th percentile per-packet one-way delay: 109.632 ms

Loss rate: 0.37%

-- Flow 1:

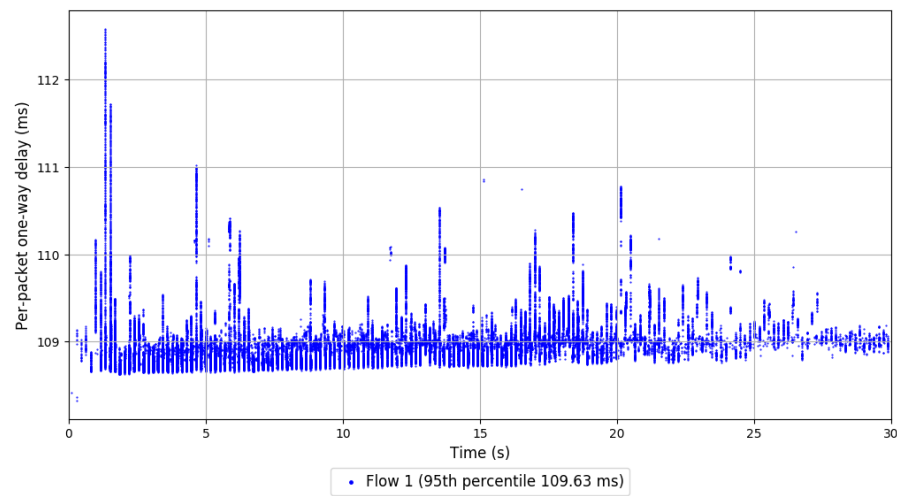
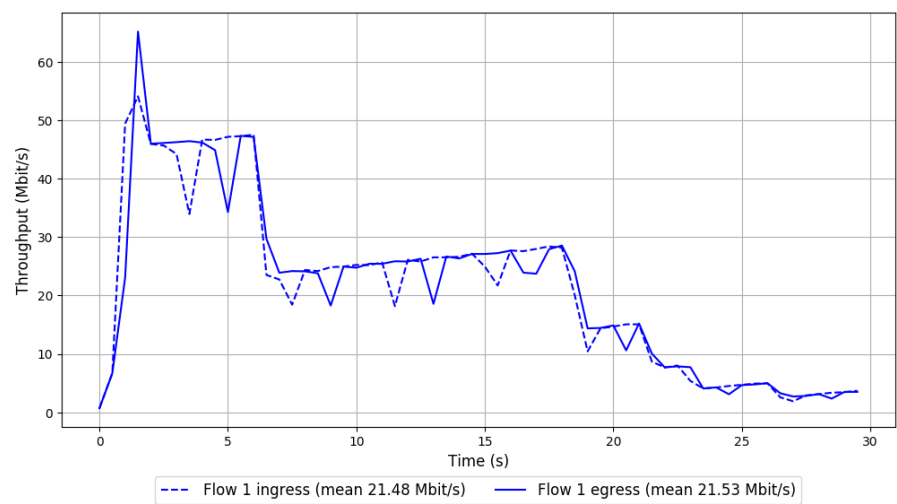
Average throughput: 21.53 Mbit/s

95th percentile per-packet one-way delay: 109.632 ms

Loss rate: 0.37%



Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 19:24:18 +0000

End at: Sat, 05 Aug 2017 19:24:48 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 101.081 ms

Loss rate: 1.71%

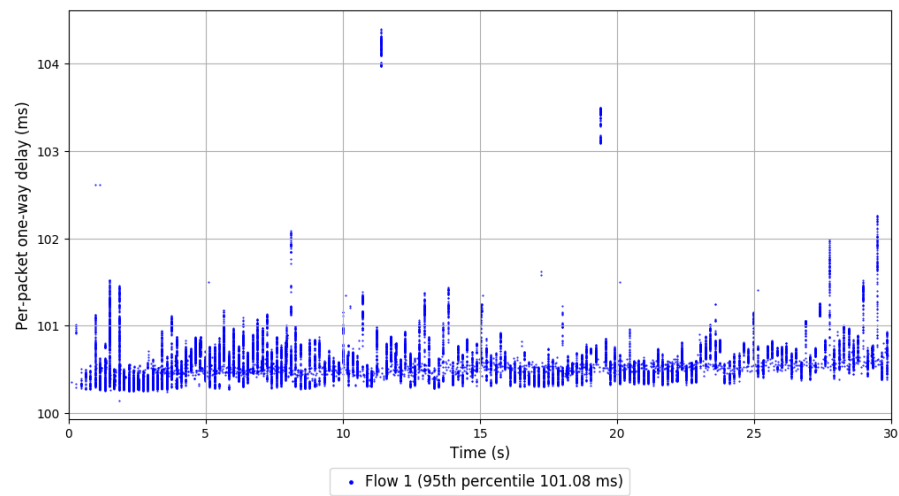
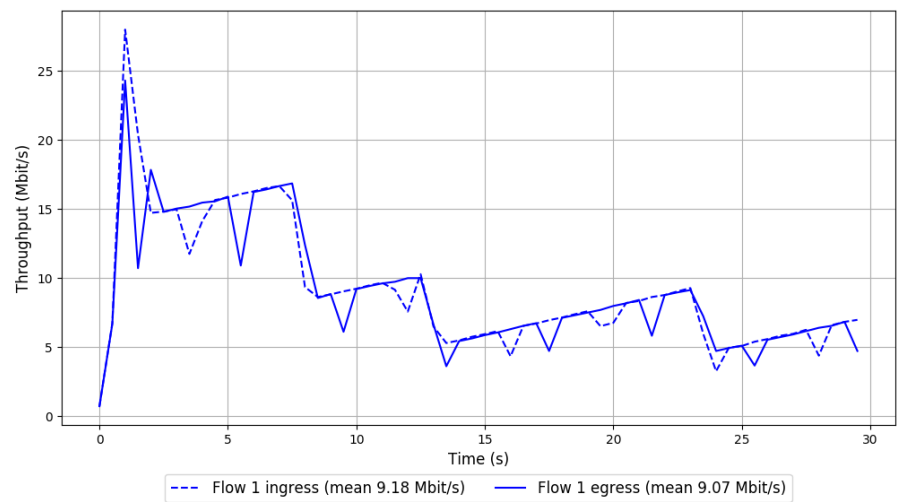
-- Flow 1:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 101.081 ms

Loss rate: 1.71%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 19:36:07 +0000

End at: Sat, 05 Aug 2017 19:36:37 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 25.88 Mbit/s

95th percentile per-packet one-way delay: 94.443 ms

Loss rate: 0.44%

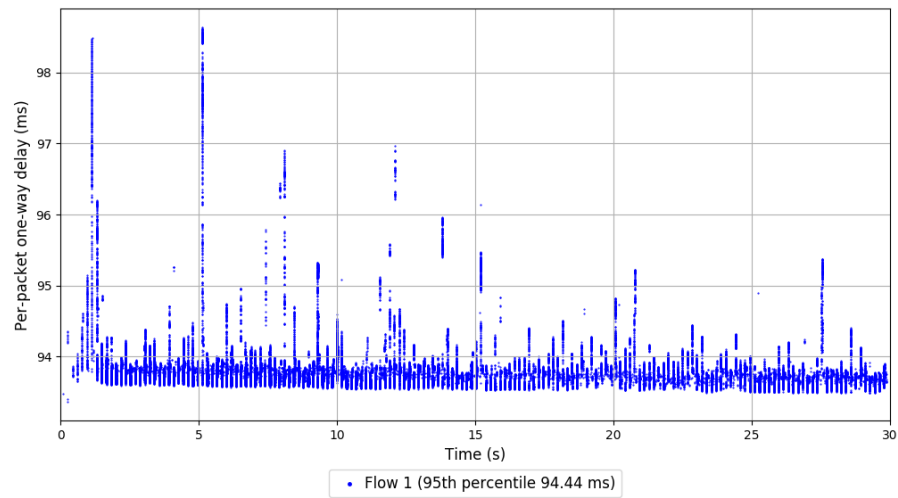
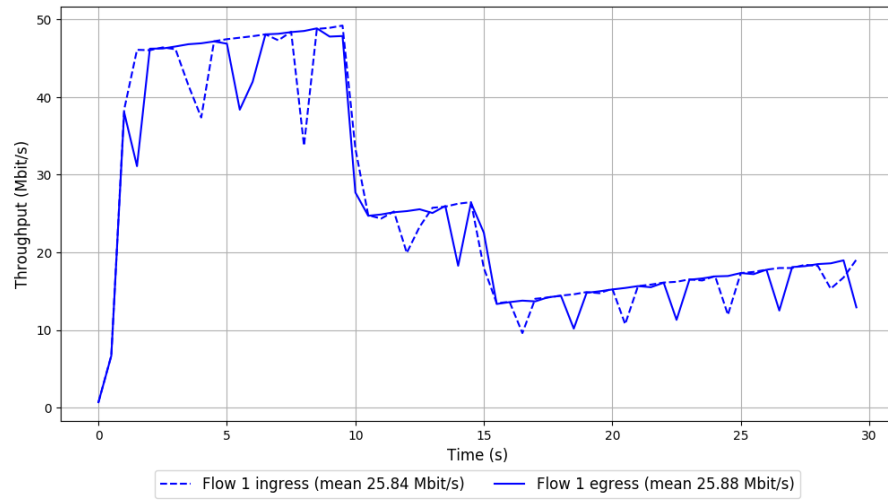
-- Flow 1:

Average throughput: 25.88 Mbit/s

95th percentile per-packet one-way delay: 94.443 ms

Loss rate: 0.44%

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



Run 4: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 19:48:39 +0000

End at: Sat, 05 Aug 2017 19:49:09 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.58 Mbit/s

95th percentile per-packet one-way delay: 94.146 ms

Loss rate: 0.95%

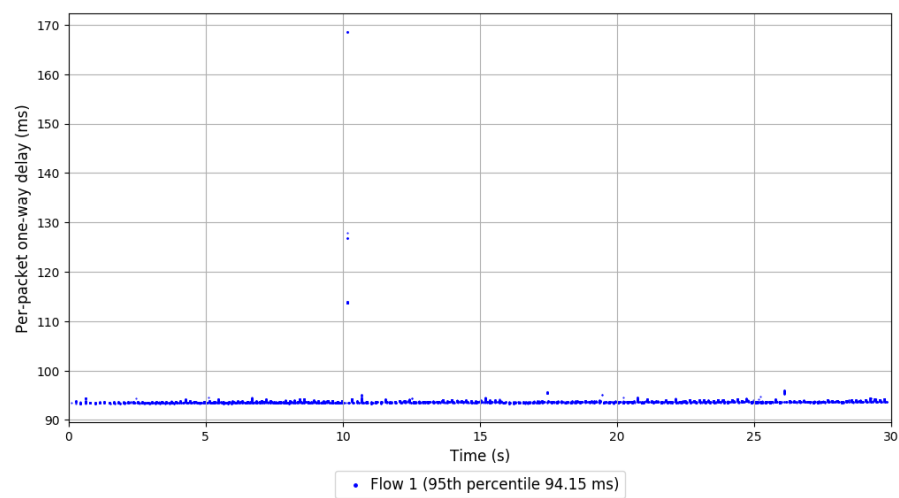
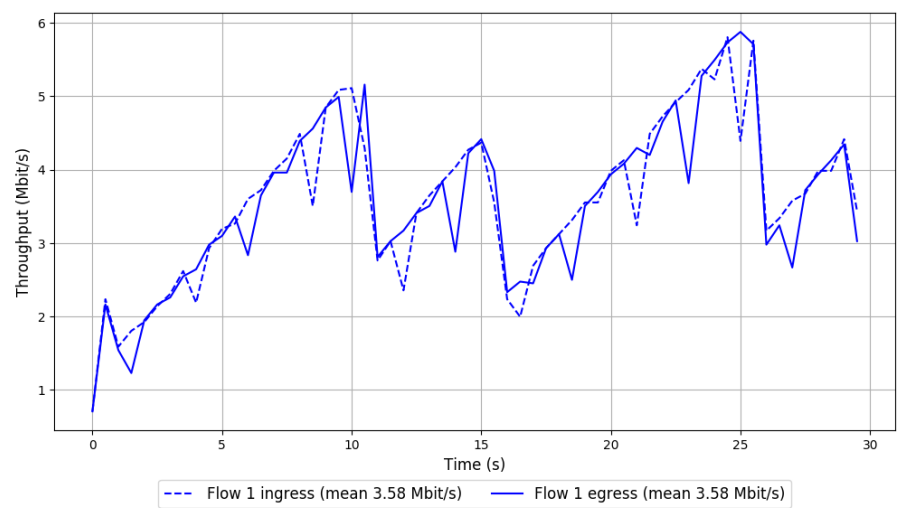
-- Flow 1:

Average throughput: 3.58 Mbit/s

95th percentile per-packet one-way delay: 94.146 ms

Loss rate: 0.95%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 19:59:58 +0000

End at: Sat, 05 Aug 2017 20:00:28 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:16 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 91.371 ms

Loss rate: 1.18%

-- Flow 1:

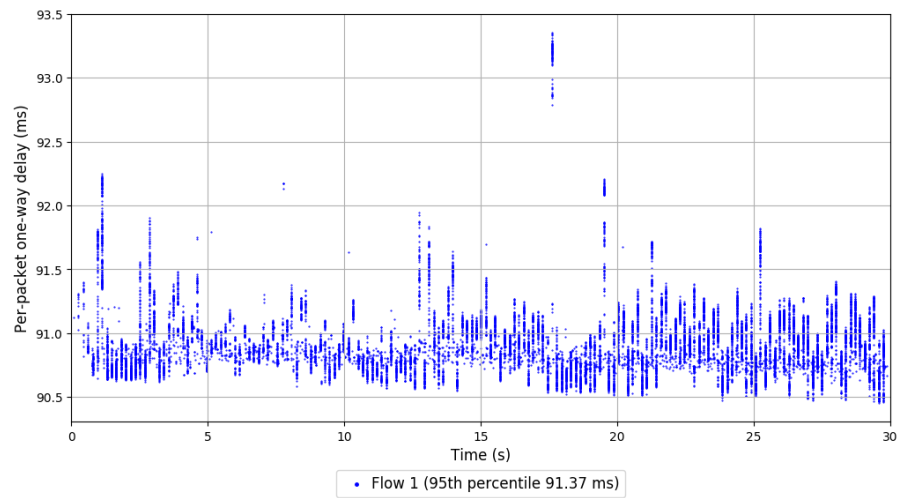
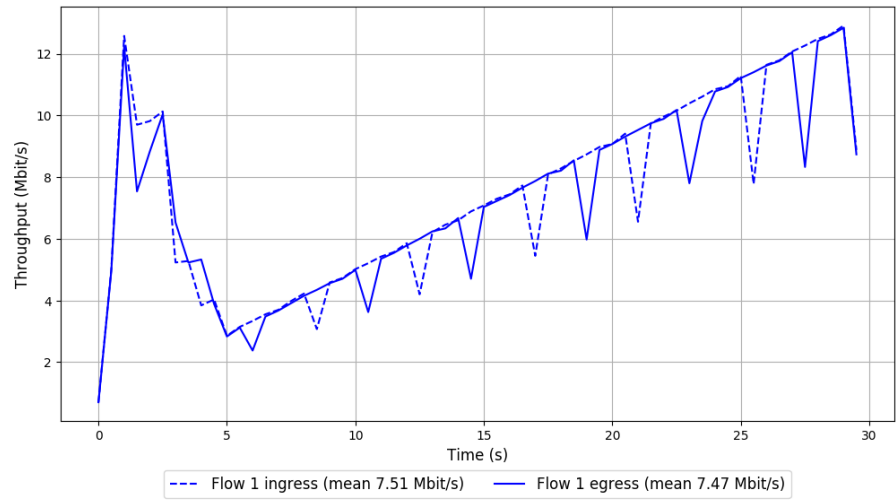
Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 91.371 ms

Loss rate: 1.18%



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



Run 6: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 20:11:08 +0000

End at: Sat, 05 Aug 2017 20:11:38 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.26 Mbit/s

95th percentile per-packet one-way delay: 92.653 ms

Loss rate: 0.35%

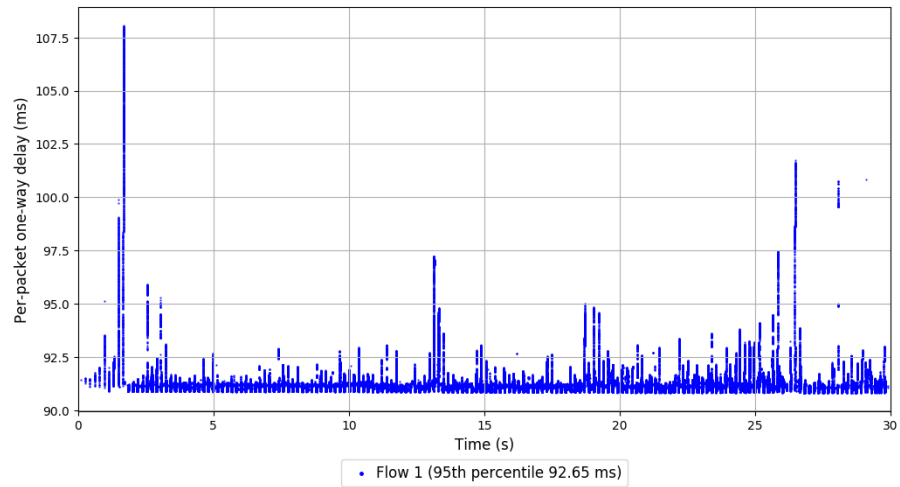
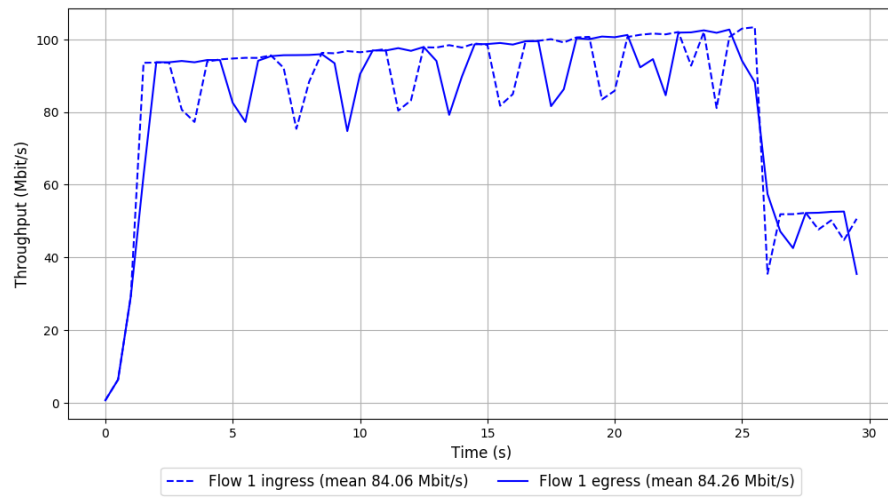
-- Flow 1:

Average throughput: 84.26 Mbit/s

95th percentile per-packet one-way delay: 92.653 ms

Loss rate: 0.35%

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



Run 7: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 20:22:35 +0000

End at: Sat, 05 Aug 2017 20:23:05 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 5.07 Mbit/s

95th percentile per-packet one-way delay: 92.653 ms

Loss rate: 1.31%

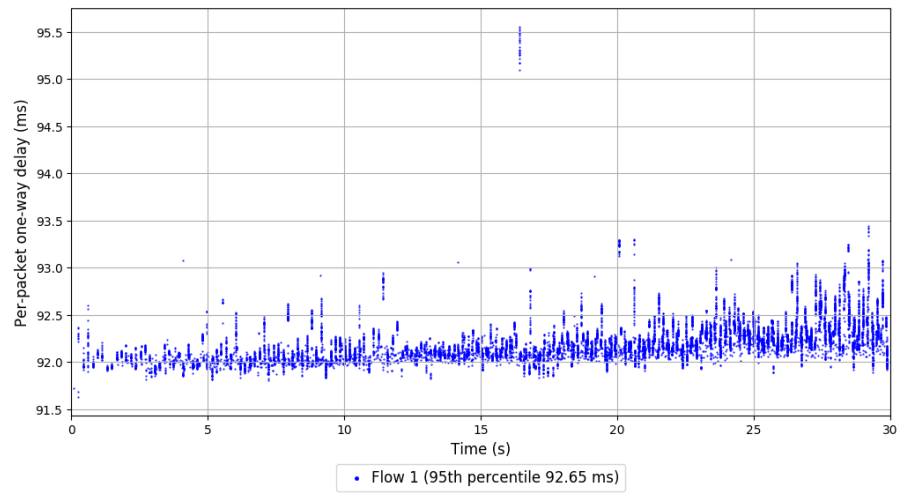
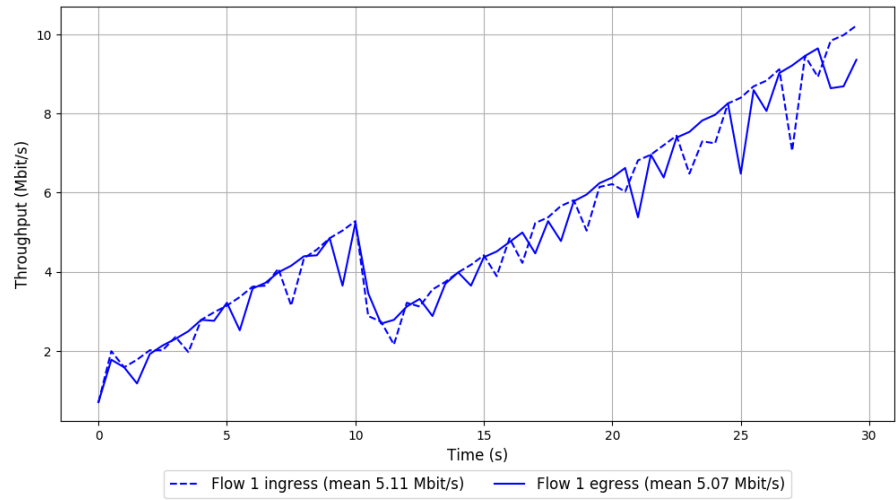
-- Flow 1:

Average throughput: 5.07 Mbit/s

95th percentile per-packet one-way delay: 92.653 ms

Loss rate: 1.31%

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

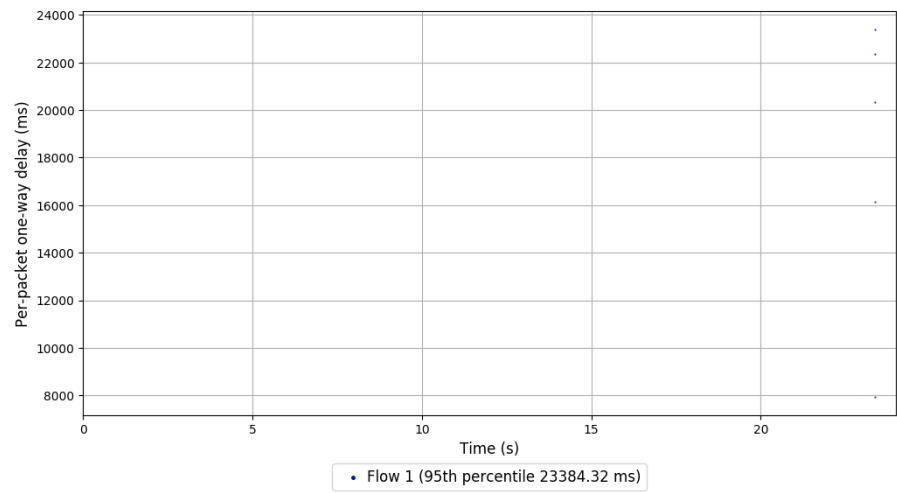
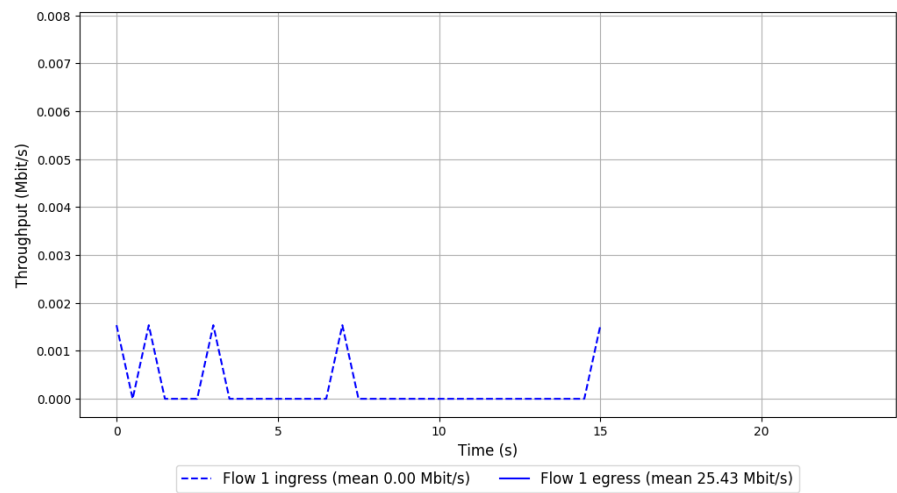


Run 8: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 20:33:22 +0000

End at: Sat, 05 Aug 2017 20:33:52 +0000

Run 8: Report of TCP Vegas — Data Link



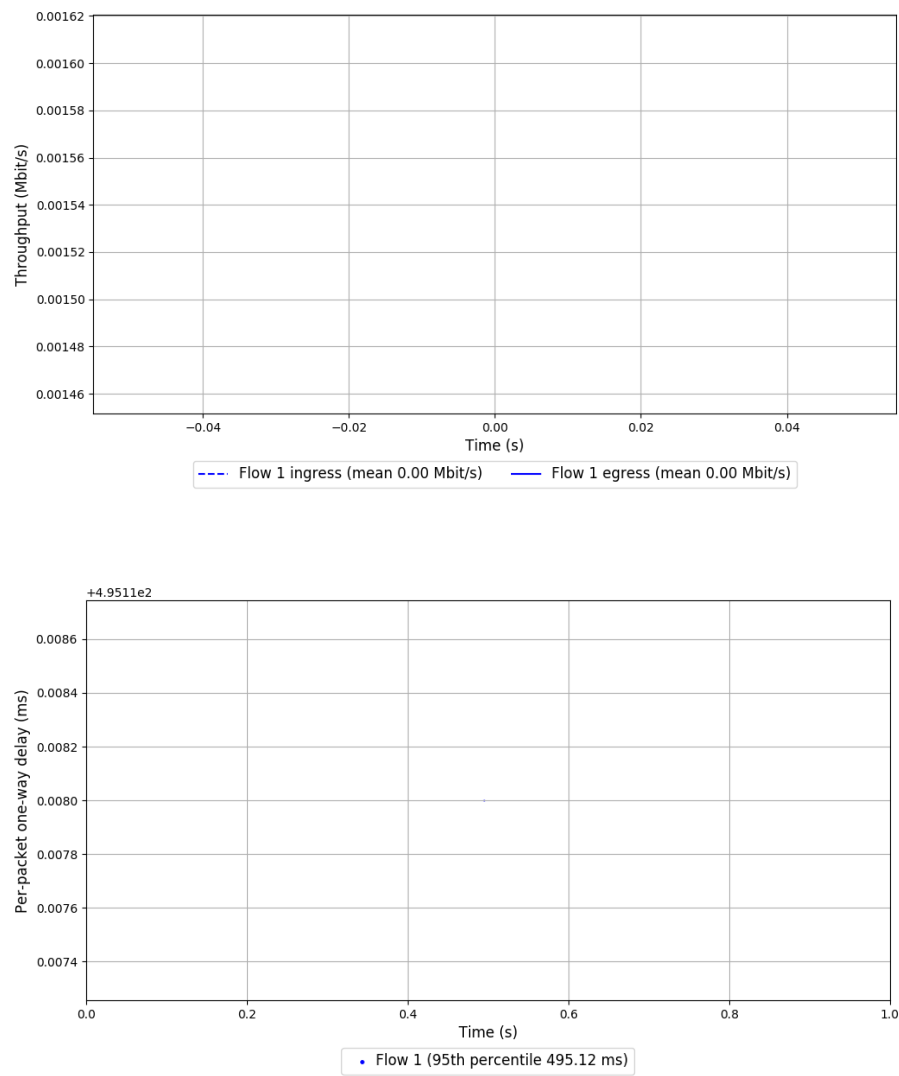
Run 9: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 20:44:15 +0000

End at: Sat, 05 Aug 2017 20:44:45 +0000



Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: Sat, 05 Aug 2017 20:55:14 +0000

End at: Sat, 05 Aug 2017 20:55:44 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:31 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 91.361 ms

Loss rate: 1.29%

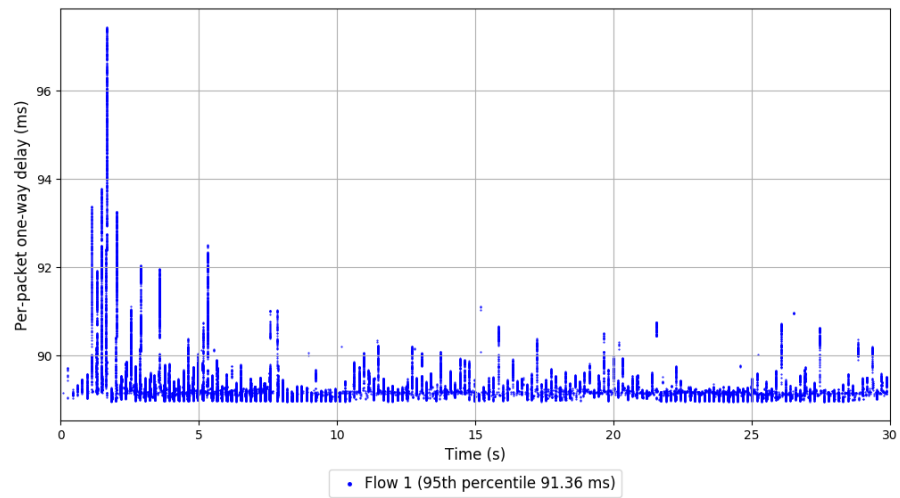
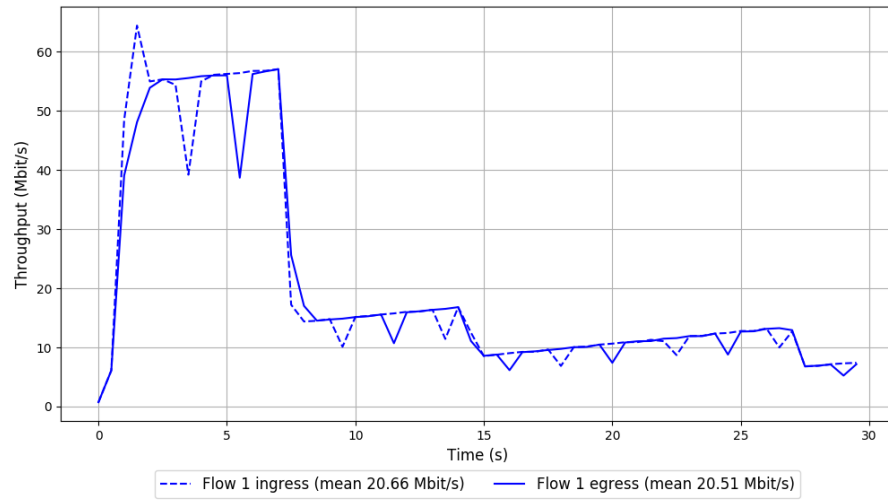
-- Flow 1:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 91.361 ms

Loss rate: 1.29%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Sat, 05 Aug 2017 19:22:04 +0000

End at: Sat, 05 Aug 2017 19:22:34 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 128.27 Mbit/s

95th percentile per-packet one-way delay: 129.662 ms

Loss rate: 1.01%

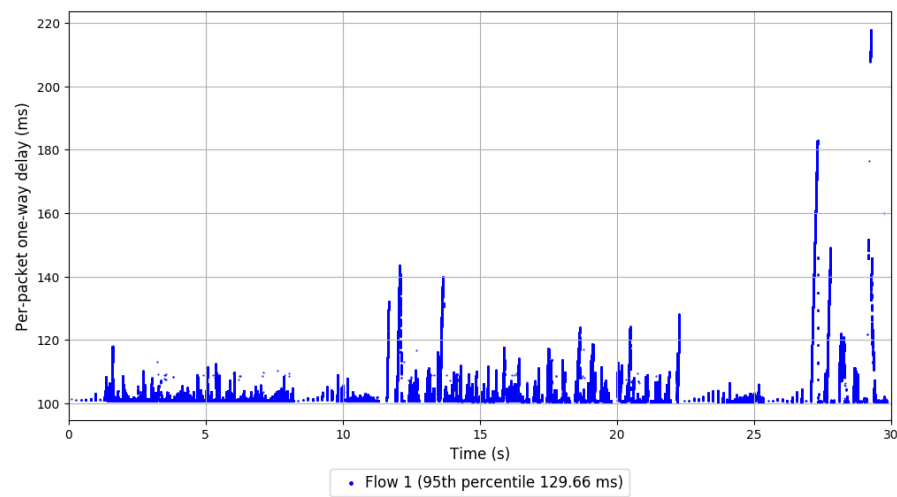
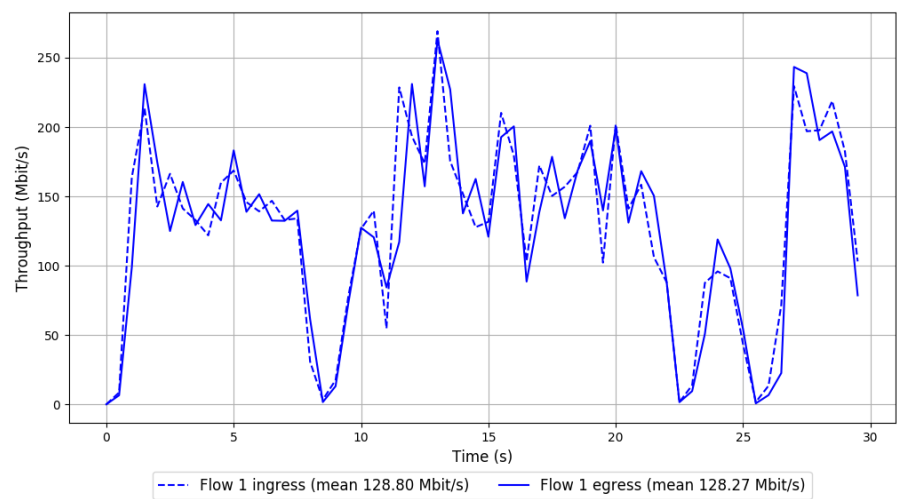
-- Flow 1:

Average throughput: 128.27 Mbit/s

95th percentile per-packet one-way delay: 129.662 ms

Loss rate: 1.01%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: Sat, 05 Aug 2017 19:34:03 +0000

End at: Sat, 05 Aug 2017 19:34:33 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:58:51 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.18 Mbit/s

95th percentile per-packet one-way delay: 116.842 ms

Loss rate: 1.50%

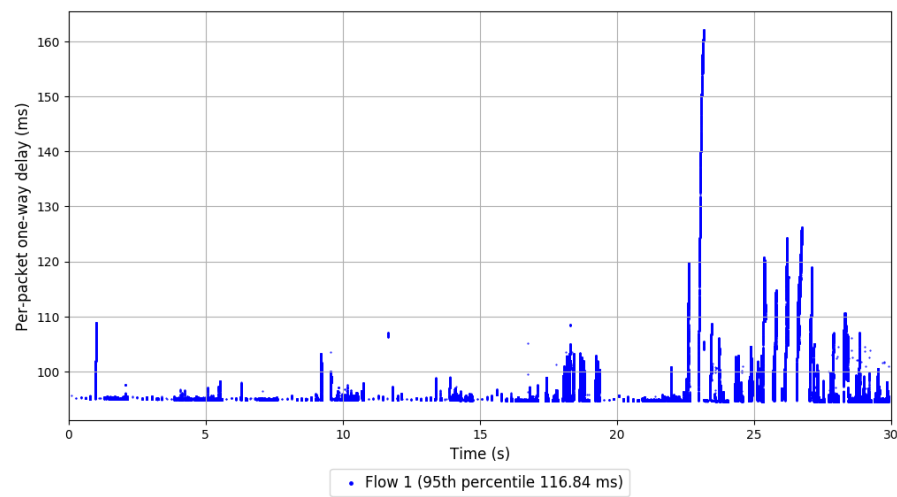
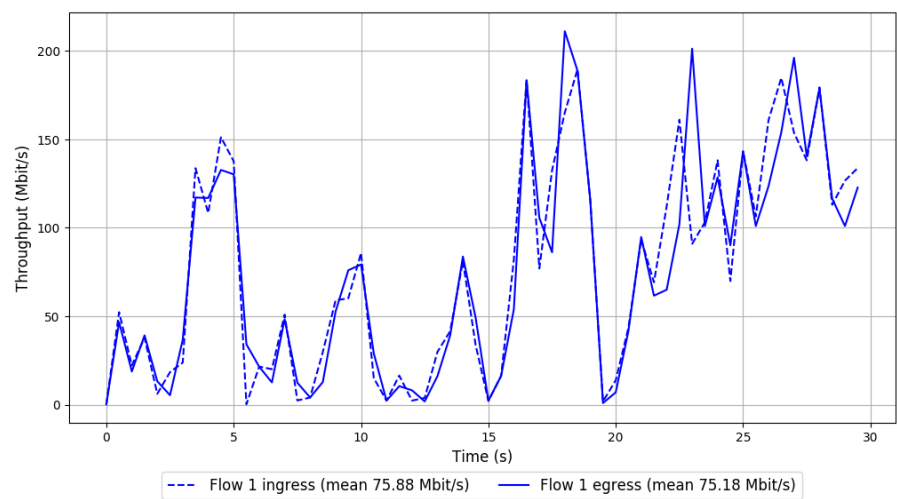
-- Flow 1:

Average throughput: 75.18 Mbit/s

95th percentile per-packet one-way delay: 116.842 ms

Loss rate: 1.50%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Sat, 05 Aug 2017 19:46:16 +0000

End at: Sat, 05 Aug 2017 19:46:46 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:00 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.00 Mbit/s

95th percentile per-packet one-way delay: 114.262 ms

Loss rate: 4.54%

-- Flow 1:

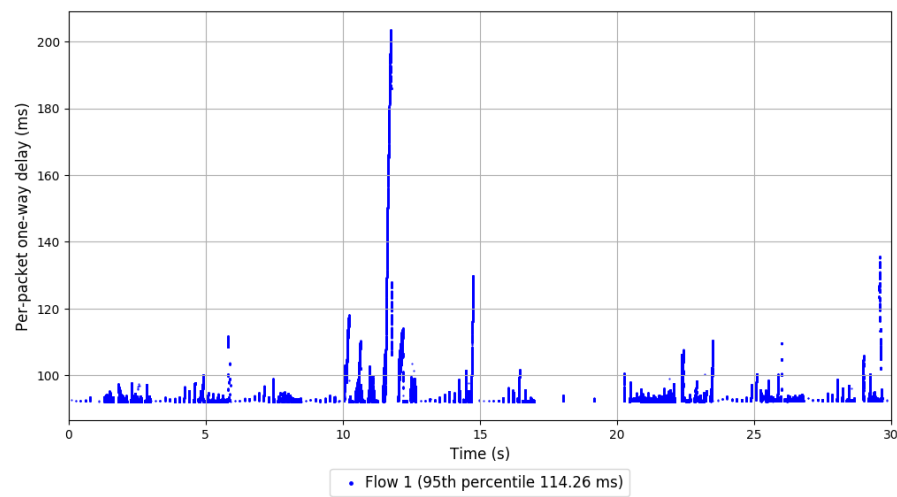
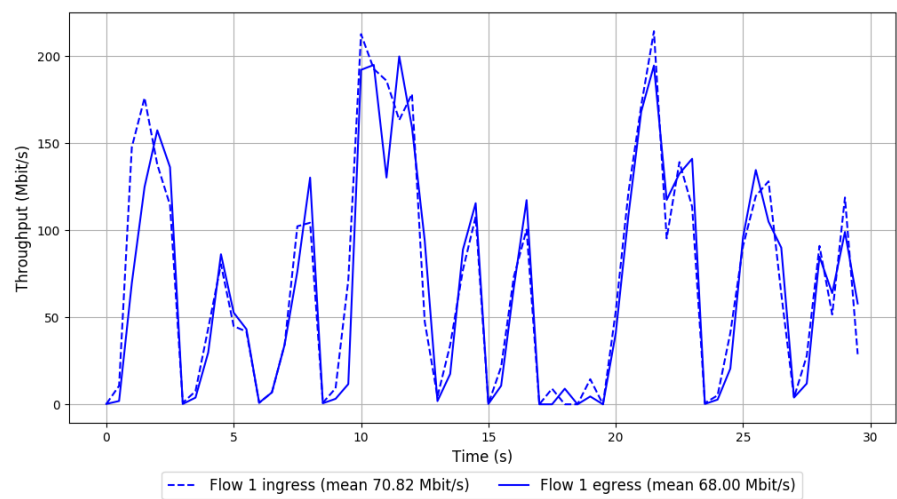
Average throughput: 68.00 Mbit/s

95th percentile per-packet one-way delay: 114.262 ms

Loss rate: 4.54%



Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: Sat, 05 Aug 2017 19:58:10 +0000

End at: Sat, 05 Aug 2017 19:58:40 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 119.05 Mbit/s

95th percentile per-packet one-way delay: 109.759 ms

Loss rate: 15.78%

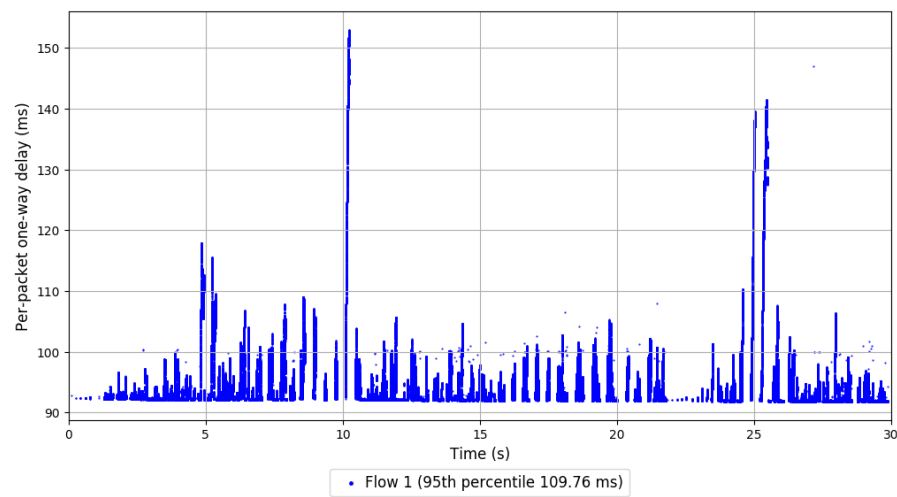
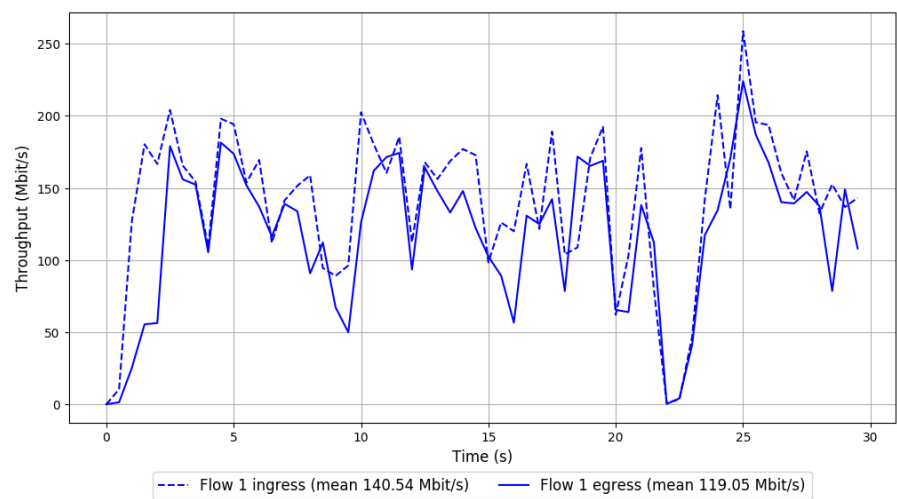
-- Flow 1:

Average throughput: 119.05 Mbit/s

95th percentile per-packet one-way delay: 109.759 ms

Loss rate: 15.78%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: Sat, 05 Aug 2017 20:09:24 +0000

End at: Sat, 05 Aug 2017 20:09:54 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:18 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.10 Mbit/s

95th percentile per-packet one-way delay: 107.289 ms

Loss rate: 2.15%

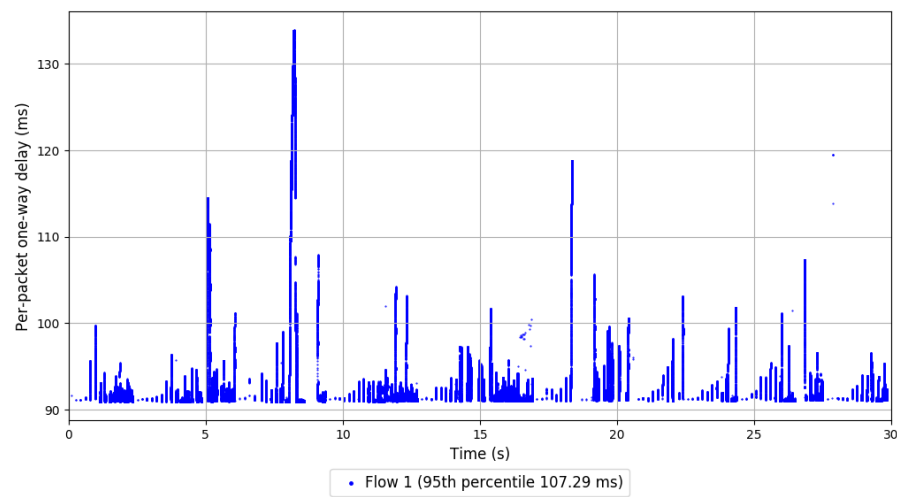
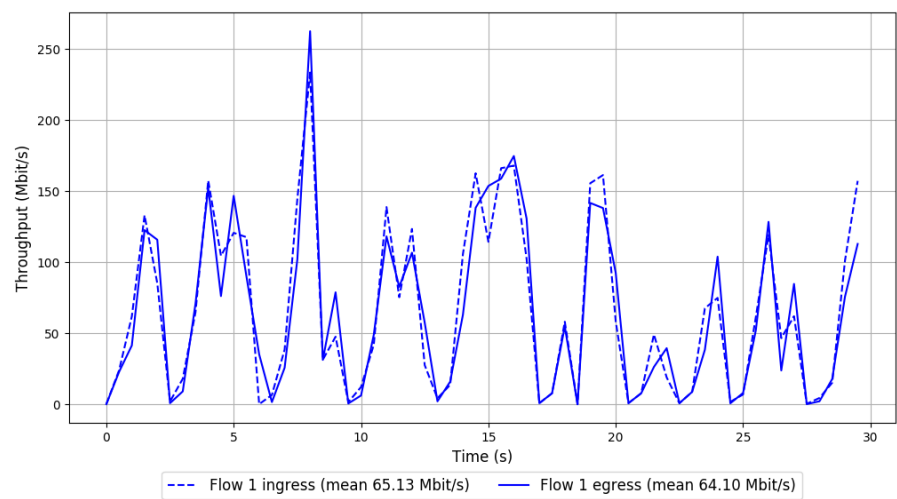
-- Flow 1:

Average throughput: 64.10 Mbit/s

95th percentile per-packet one-way delay: 107.289 ms

Loss rate: 2.15%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Sat, 05 Aug 2017 20:20:50 +0000

End at: Sat, 05 Aug 2017 20:21:20 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:29 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 112.600 ms

Loss rate: 0.82%

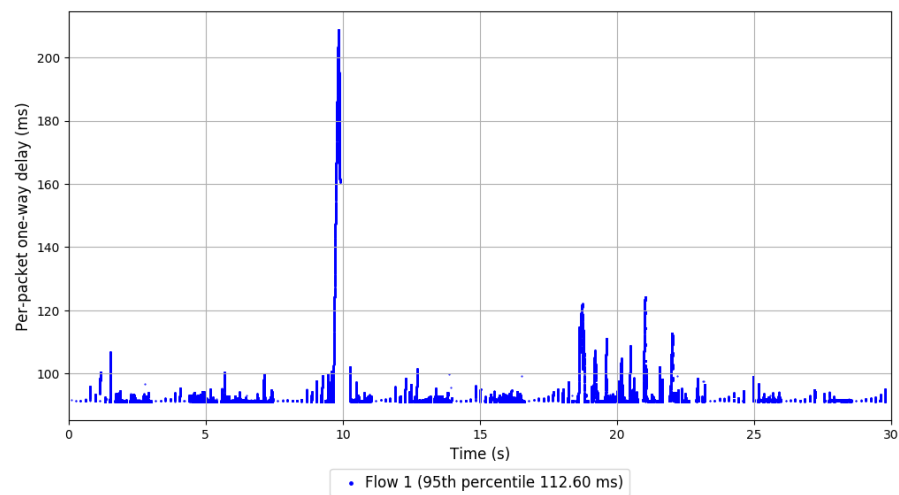
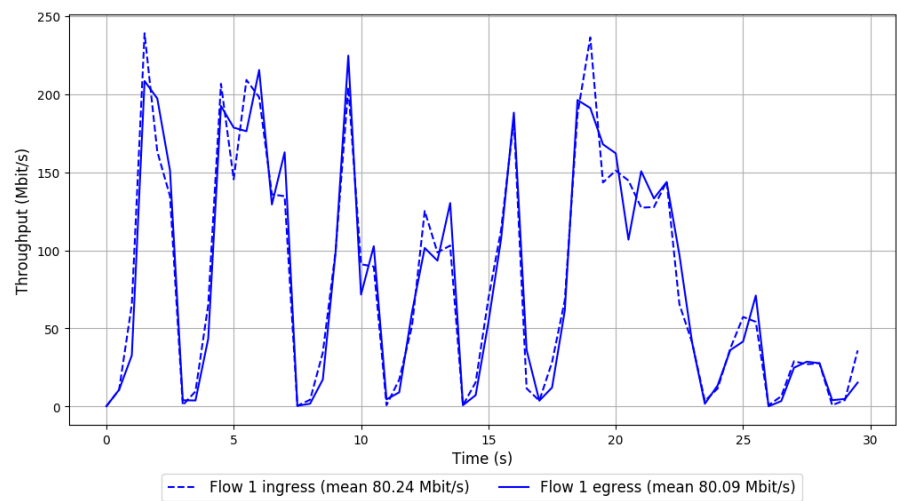
-- Flow 1:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 112.600 ms

Loss rate: 0.82%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Sat, 05 Aug 2017 20:31:47 +0000

End at: Sat, 05 Aug 2017 20:32:17 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 130.74 Mbit/s

95th percentile per-packet one-way delay: 107.236 ms

Loss rate: 19.31%

-- Flow 1:

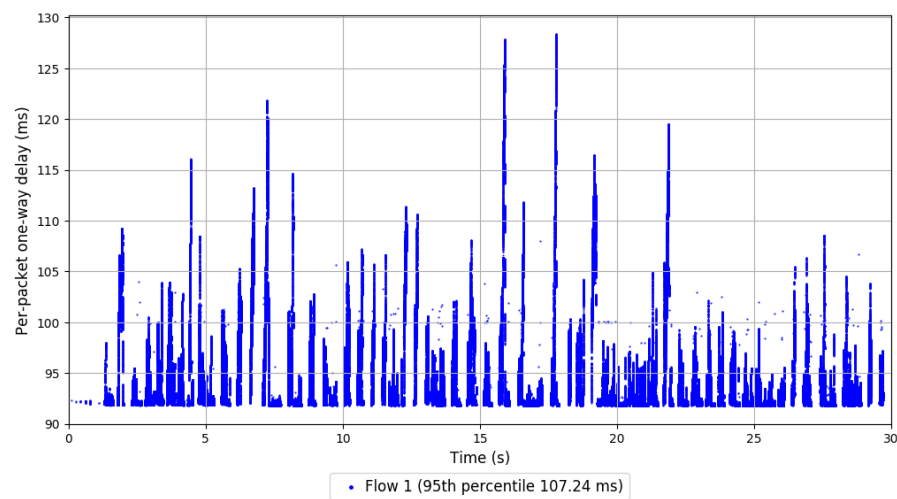
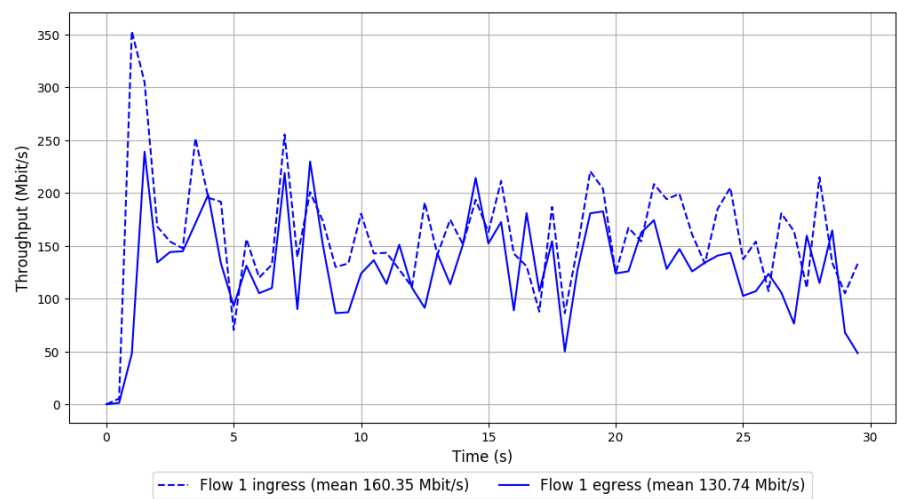
Average throughput: 130.74 Mbit/s

95th percentile per-packet one-way delay: 107.236 ms

Loss rate: 19.31%



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: Sat, 05 Aug 2017 20:42:34 +0000

End at: Sat, 05 Aug 2017 20:43:04 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:44 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 47.31 Mbit/s

95th percentile per-packet one-way delay: 95.059 ms

Loss rate: 0.40%

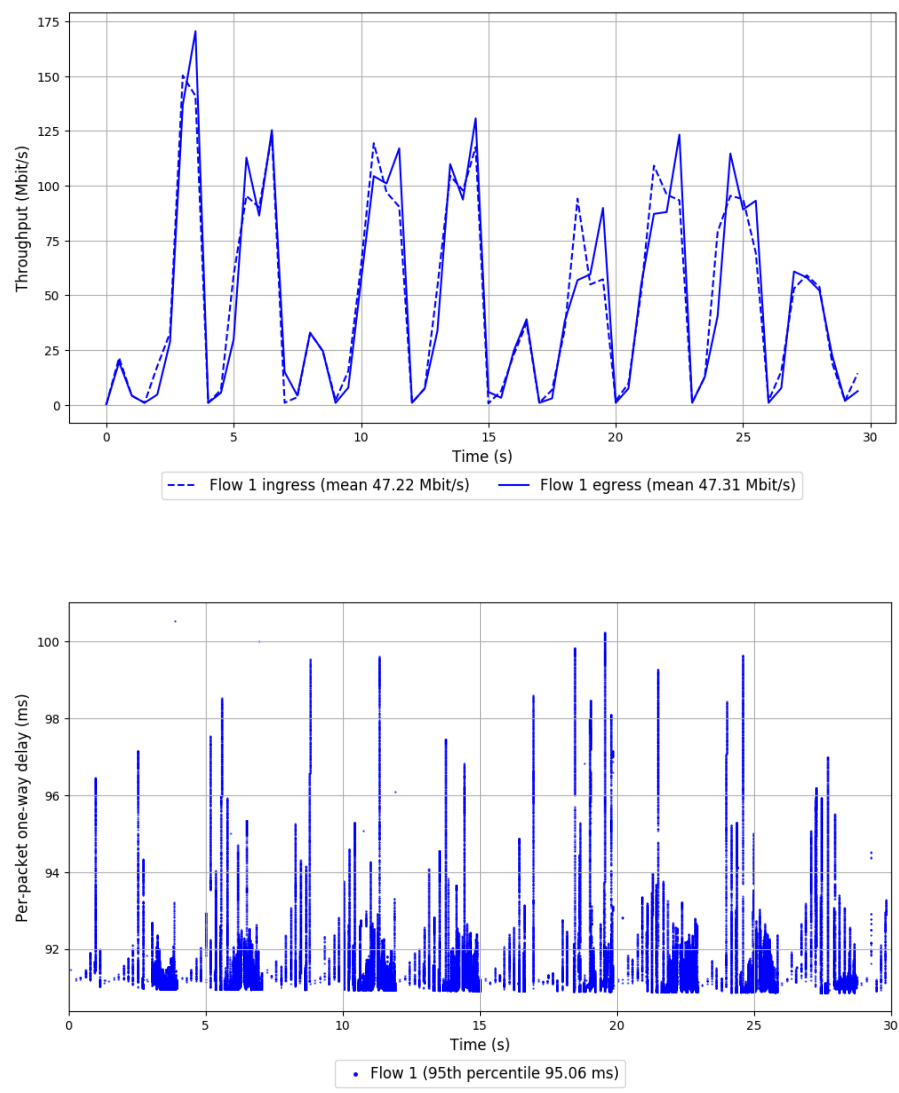
-- Flow 1:

Average throughput: 47.31 Mbit/s

95th percentile per-packet one-way delay: 95.059 ms

Loss rate: 0.40%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: Sat, 05 Aug 2017 20:53:30 +0000

End at: Sat, 05 Aug 2017 20:54:00 +0000

# Below is generated by plot.py at Sat, 05 Aug 2017 23:59:56 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 91.880 ms

Loss rate: 6.84%

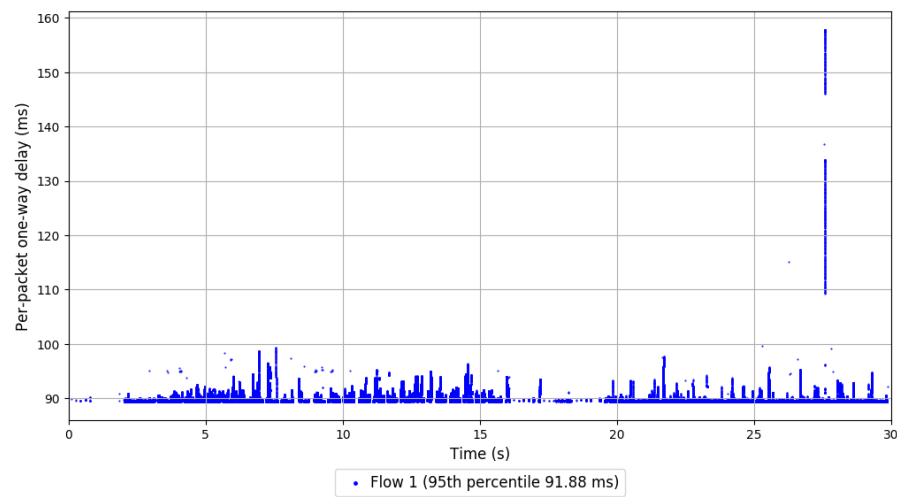
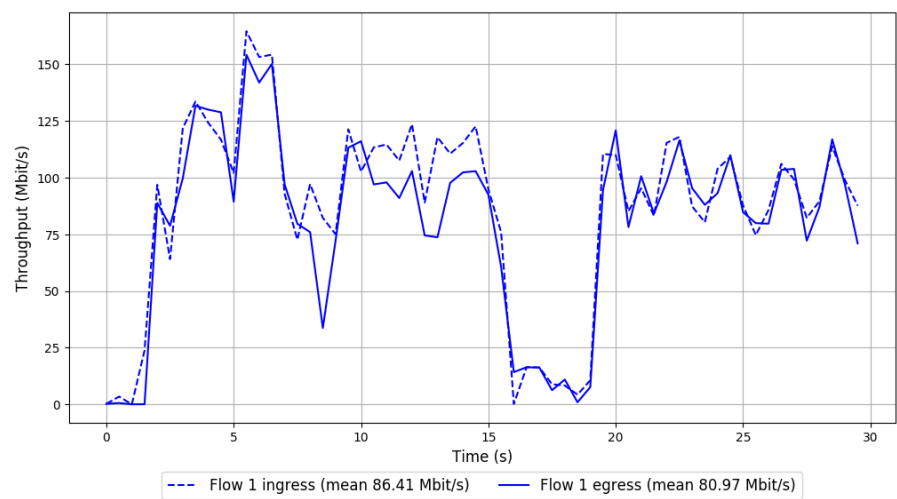
-- Flow 1:

Average throughput: 80.97 Mbit/s

95th percentile per-packet one-way delay: 91.880 ms

Loss rate: 6.84%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Sat, 05 Aug 2017 21:04:32 +0000

End at: Sat, 05 Aug 2017 21:05:02 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 98.25 Mbit/s

95th percentile per-packet one-way delay: 94.004 ms

Loss rate: 30.88%

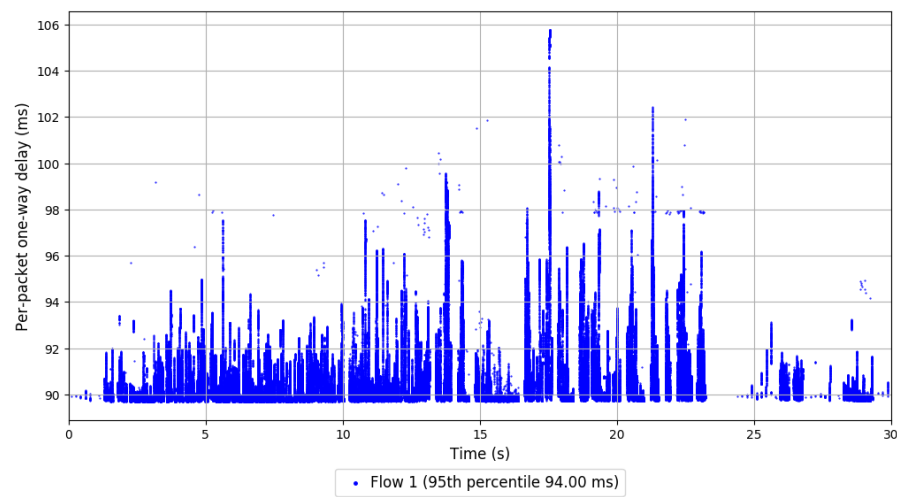
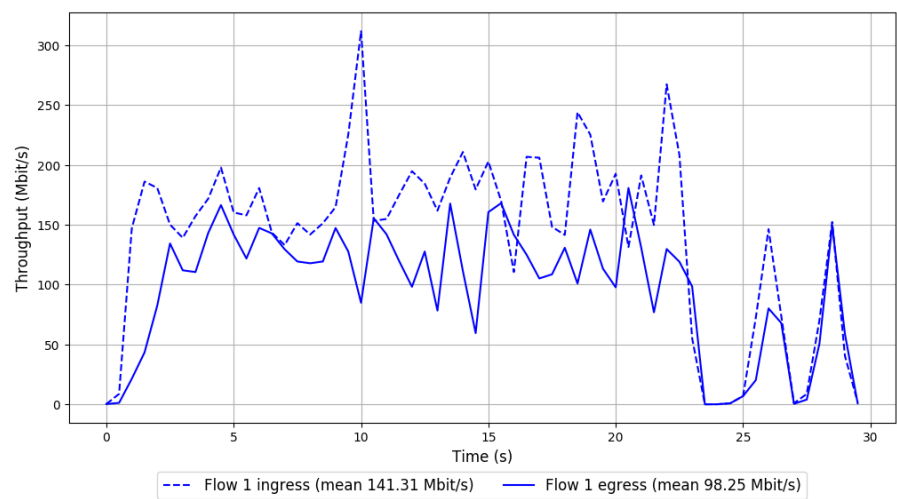
-- Flow 1:

Average throughput: 98.25 Mbit/s

95th percentile per-packet one-way delay: 94.004 ms

Loss rate: 30.88%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 19:16:24 +0000

End at: Sat, 05 Aug 2017 19:16:54 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 110.507 ms

Loss rate: 1.11%

-- Flow 1:

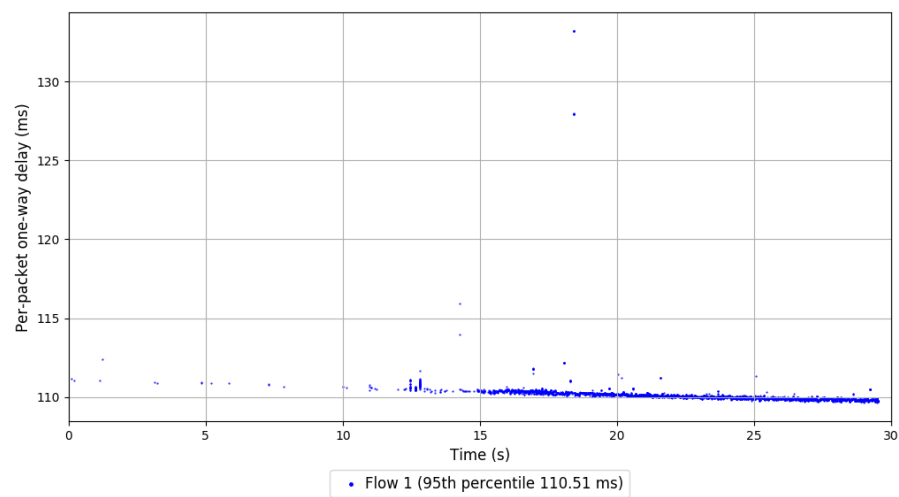
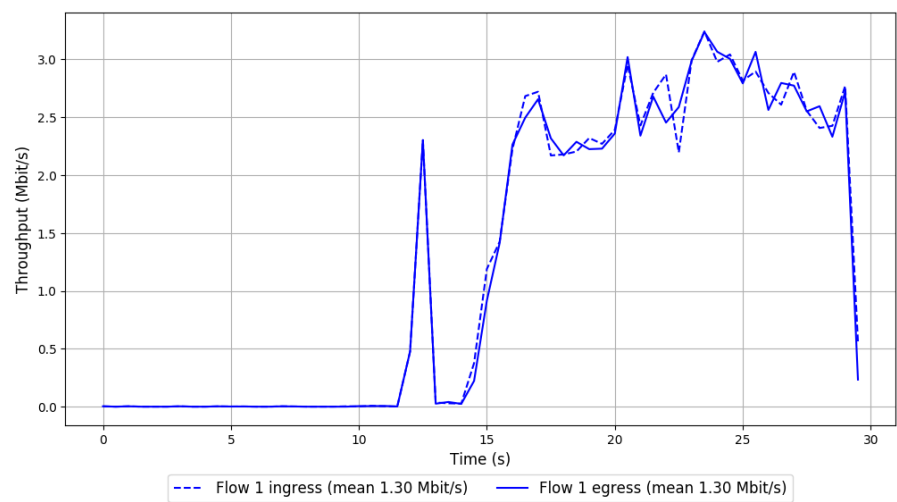
Average throughput: 1.30 Mbit/s

95th percentile per-packet one-way delay: 110.507 ms

Loss rate: 1.11%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 19:28:28 +0000

End at: Sat, 05 Aug 2017 19:28:58 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: 102.325 ms

Loss rate: 0.66%

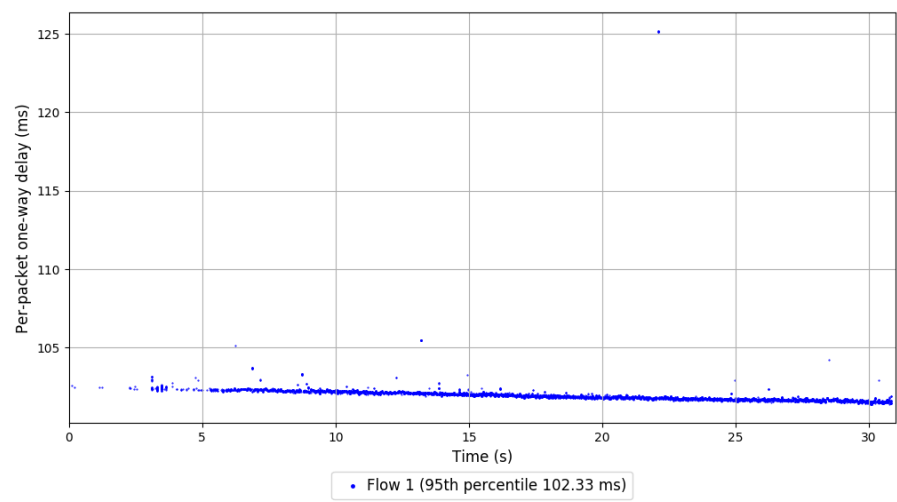
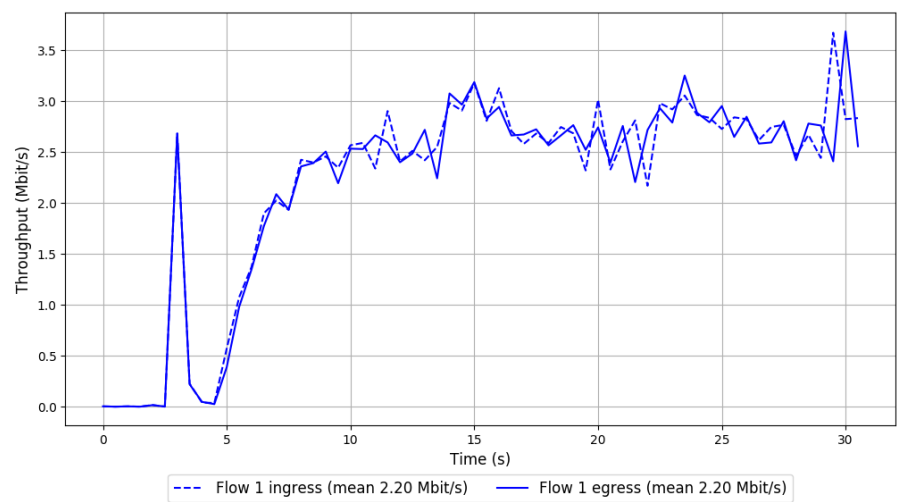
-- Flow 1:

Average throughput: 2.20 Mbit/s

95th percentile per-packet one-way delay: 102.325 ms

Loss rate: 0.66%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 19:40:20 +0000

End at: Sat, 05 Aug 2017 19:40:50 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 92.652 ms

Loss rate: 1.08%

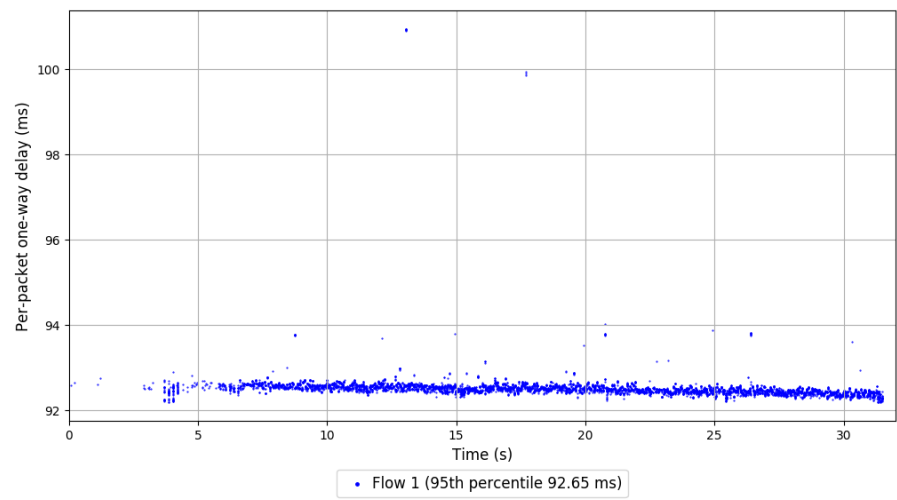
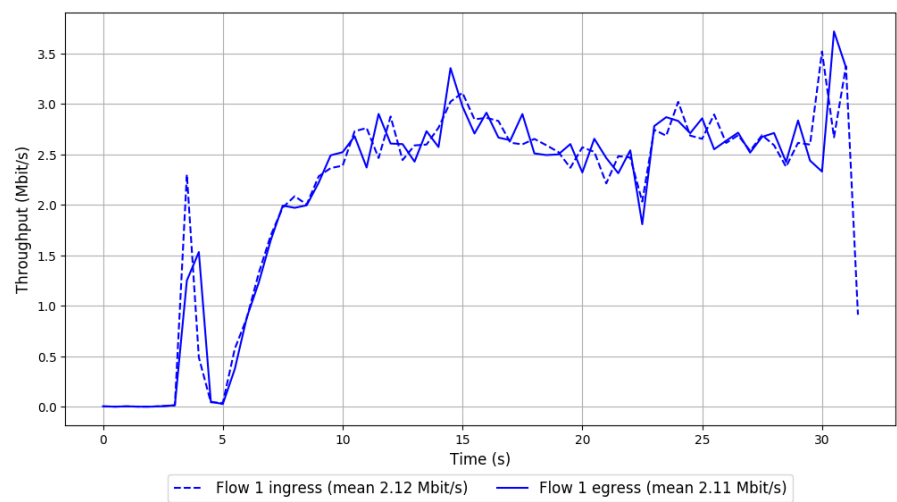
-- Flow 1:

Average throughput: 2.11 Mbit/s

95th percentile per-packet one-way delay: 92.652 ms

Loss rate: 1.08%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 19:52:50 +0000

End at: Sat, 05 Aug 2017 19:53:20 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 91.612 ms

Loss rate: 0.80%

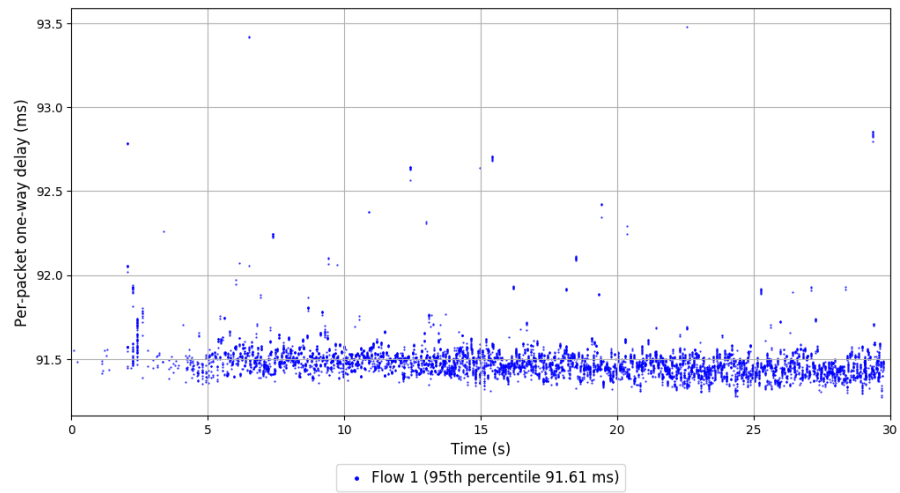
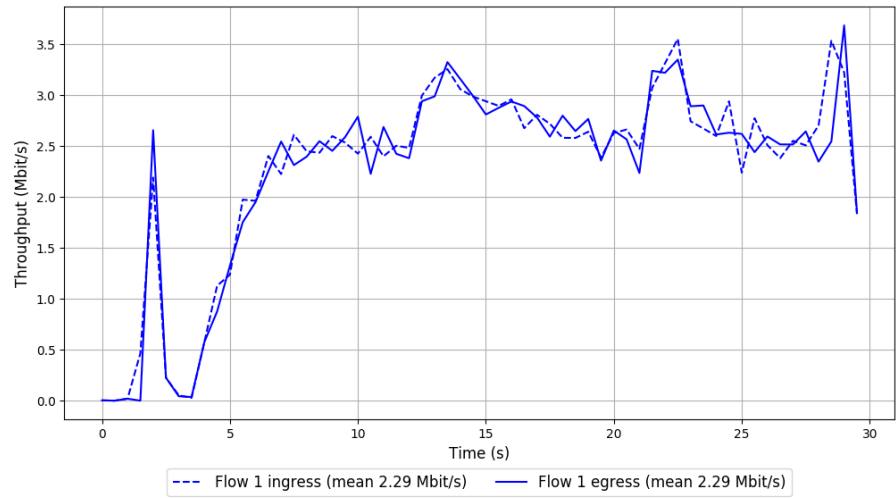
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 91.612 ms

Loss rate: 0.80%

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



Run 5: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 20:04:06 +0000

End at: Sat, 05 Aug 2017 20:04:36 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.85 Mbit/s

95th percentile per-packet one-way delay: 90.166 ms

Loss rate: 0.76%

-- Flow 1:

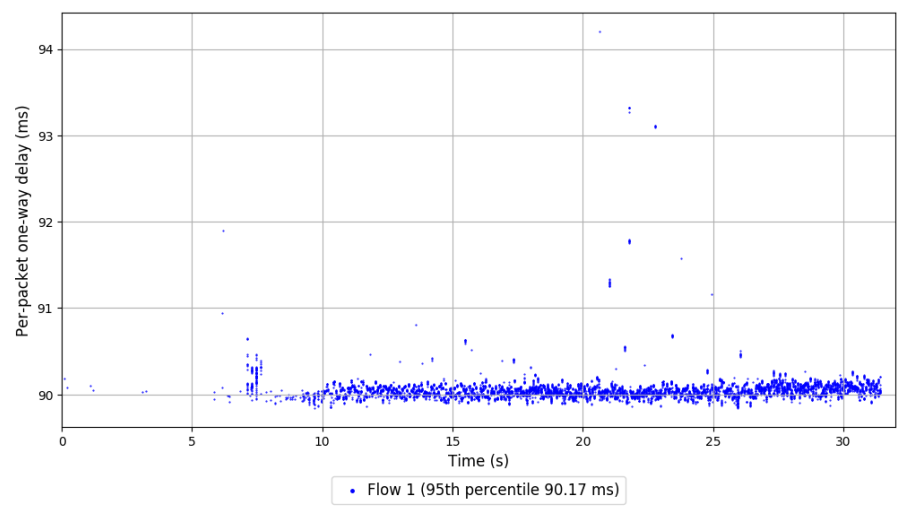
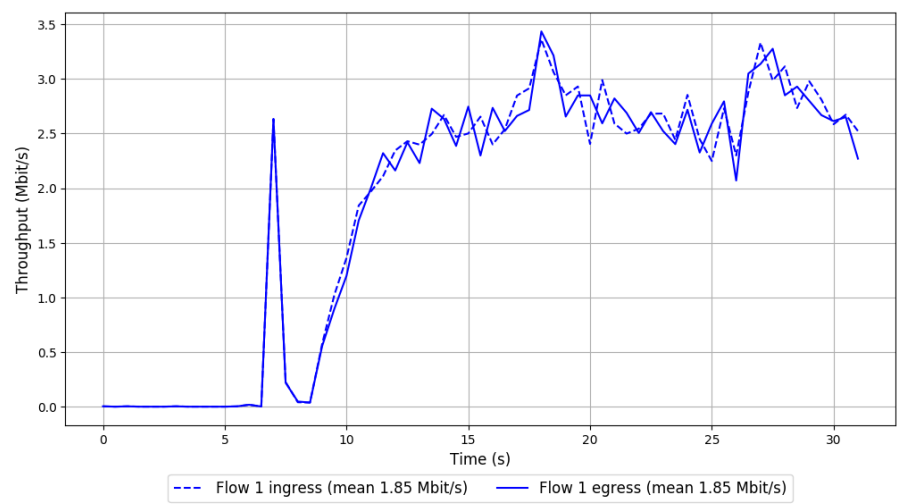
Average throughput: 1.85 Mbit/s

95th percentile per-packet one-way delay: 90.166 ms

Loss rate: 0.76%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 20:15:20 +0000

End at: Sat, 05 Aug 2017 20:15:50 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:08 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 90.526 ms

Loss rate: 0.71%

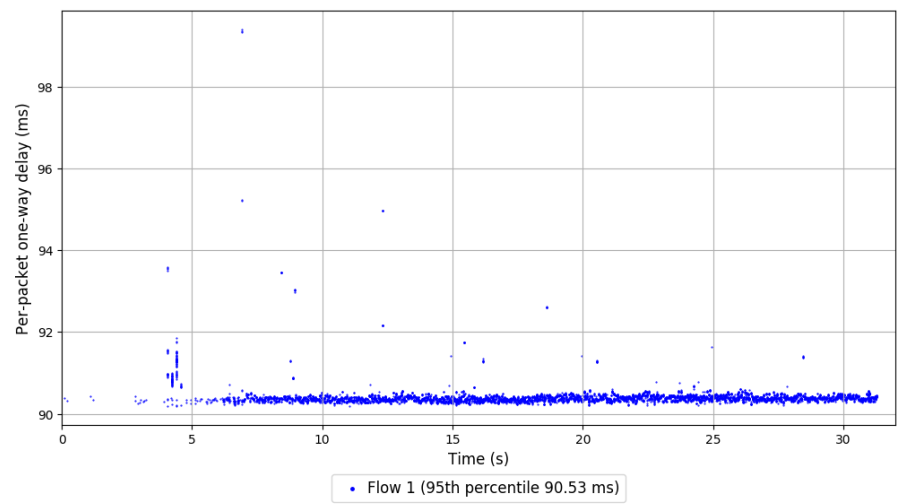
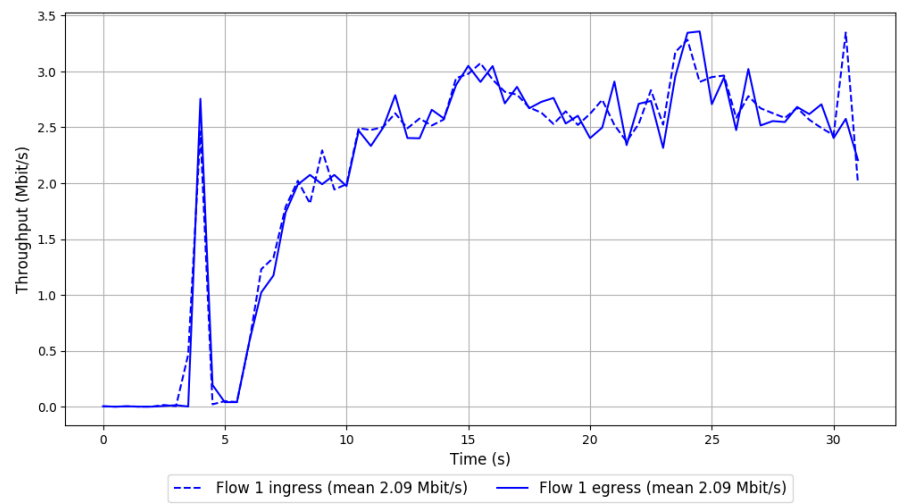
-- Flow 1:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 90.526 ms

Loss rate: 0.71%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 20:26:43 +0000

End at: Sat, 05 Aug 2017 20:27:13 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:09 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 92.604 ms

Loss rate: 1.02%

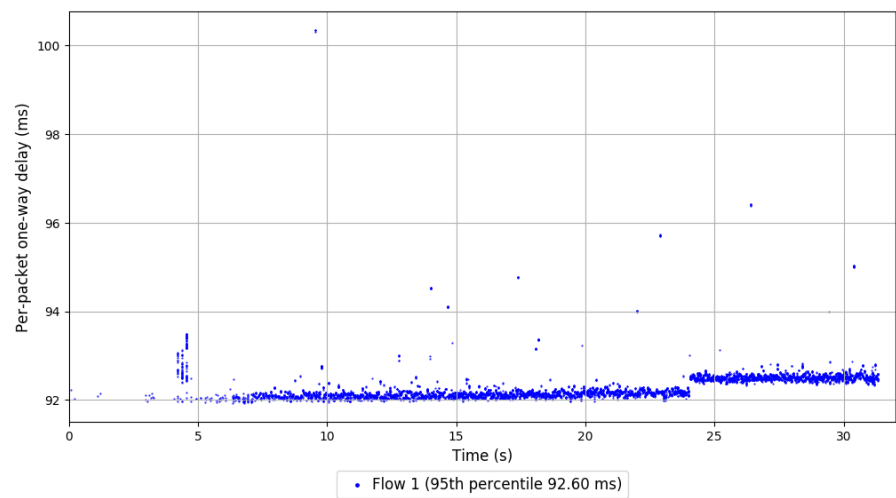
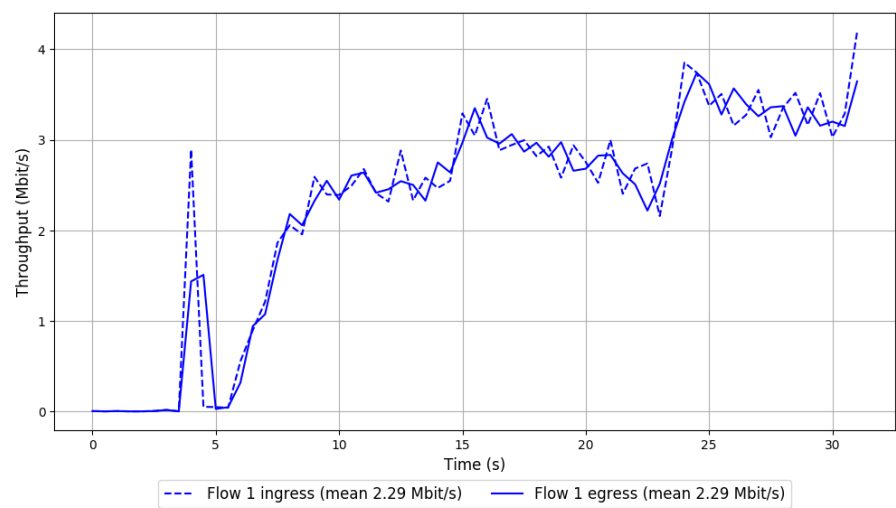
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 92.604 ms

Loss rate: 1.02%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 20:37:27 +0000

End at: Sat, 05 Aug 2017 20:37:57 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 91.898 ms

Loss rate: 0.60%

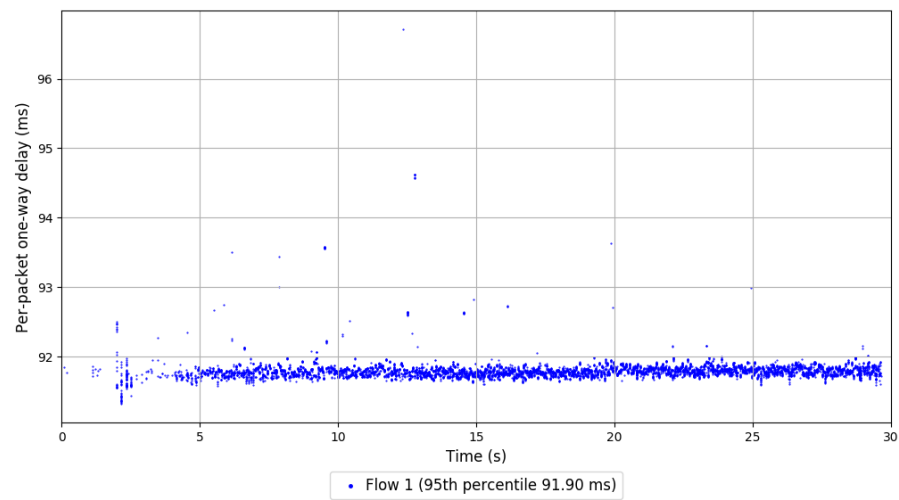
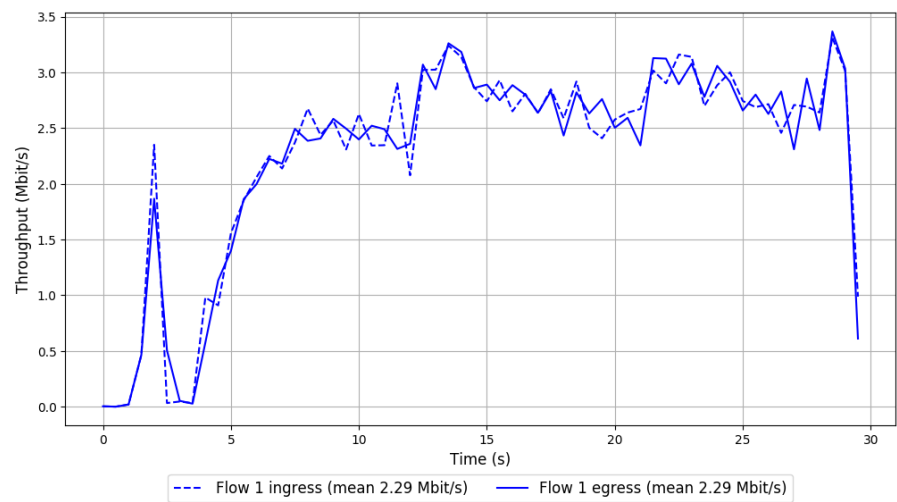
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 91.898 ms

Loss rate: 0.60%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 20:48:18 +0000

End at: Sat, 05 Aug 2017 20:48:48 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:11 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 90.123 ms

Loss rate: 0.74%

-- Flow 1:

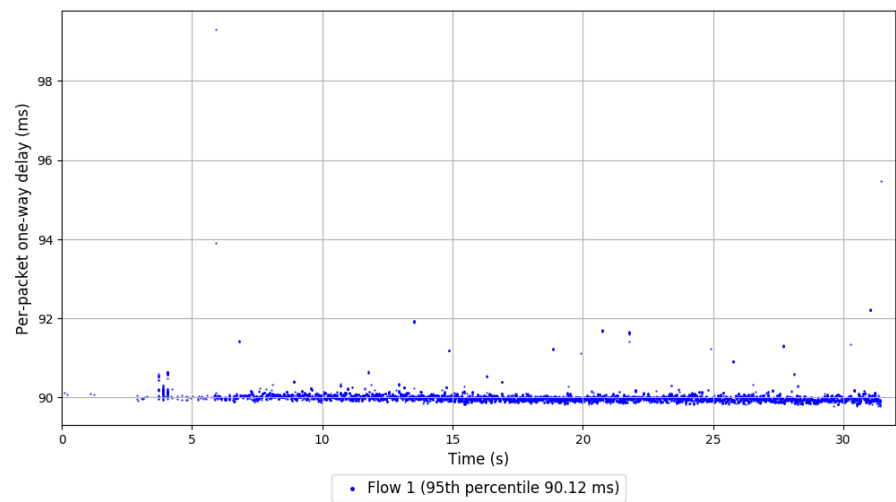
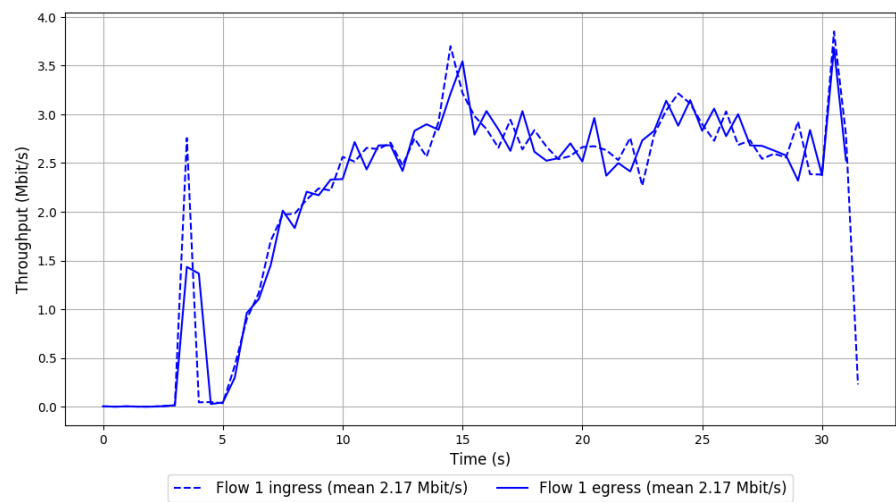
Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 90.123 ms

Loss rate: 0.74%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: Sat, 05 Aug 2017 20:59:23 +0000

End at: Sat, 05 Aug 2017 20:59:53 +0000

# Below is generated by plot.py at Sun, 06 Aug 2017 00:00:12 +0000

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 88.873 ms

Loss rate: 0.65%

-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 88.873 ms

Loss rate: 0.65%

Run 10: Report of WebRTC media — Data Link

