

## Pantheon Report

Generated at 2017-11-30 15:53:18 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia Ethernet (*remote*).

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

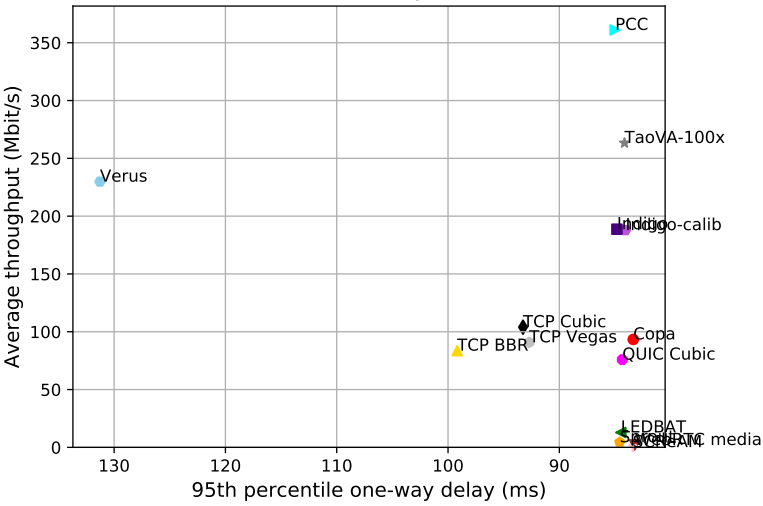
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

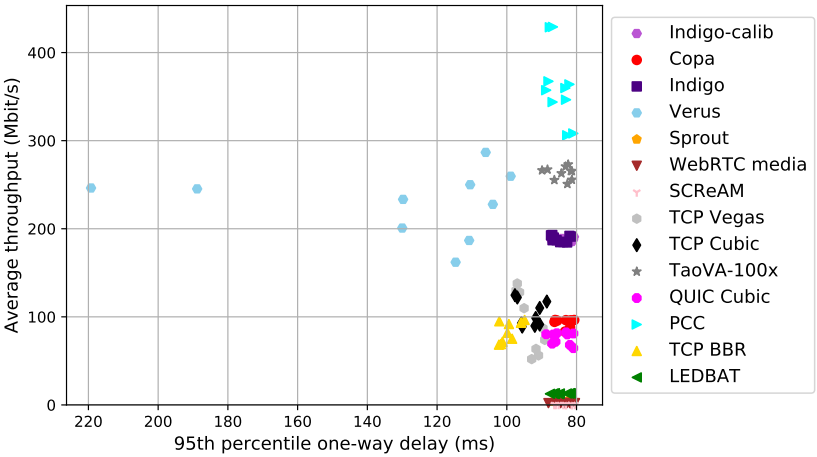
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	83.63	99.18	0.03
TCP Cubic	9	103.93	93.26	0.00
LEDBAT	10	12.89	84.48	0.02
PCC	10	361.07	84.98	6.88
QUIC Cubic	10	75.89	84.35	0.00
SCReAM	9	0.22	83.41	0.00
WebRTC media	10	2.03	83.23	0.00
Sprout	5	4.43	84.58	0.00
TaoVA-100x	10	263.30	84.14	0.00
TCP Vegas	10	90.86	92.71	0.03
Verus	10	229.84	131.27	0.89
Copa	9	93.37	83.36	0.00
Indigo	10	188.70	84.83	0.02
Indigo-calib	10	187.88	84.05	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-11-30 11:53:41

End at: 2017-11-30 11:54:11

Local clock offset: 0.227 ms

Remote clock offset: 3.833 ms

# Below is generated by plot.py at 2017-11-30 15:18:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.66 Mbit/s

95th percentile per-packet one-way delay: 101.250 ms

Loss rate: 0.02%

-- Flow 1:

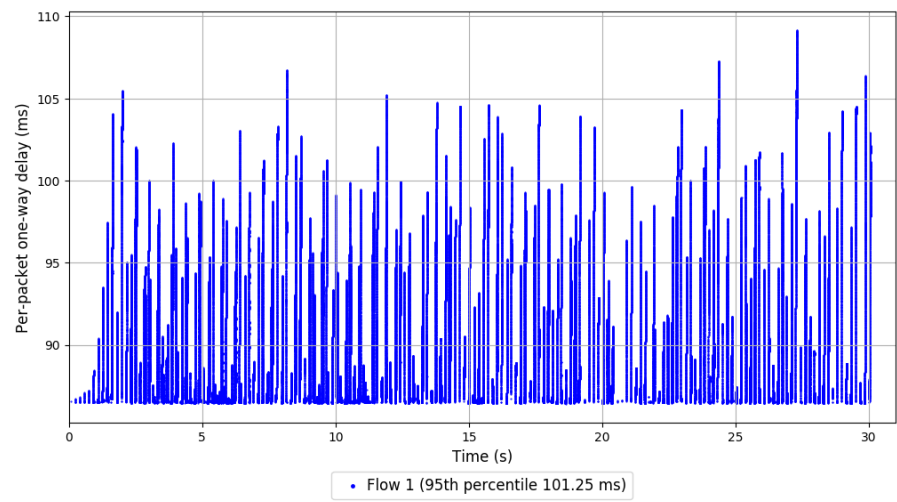
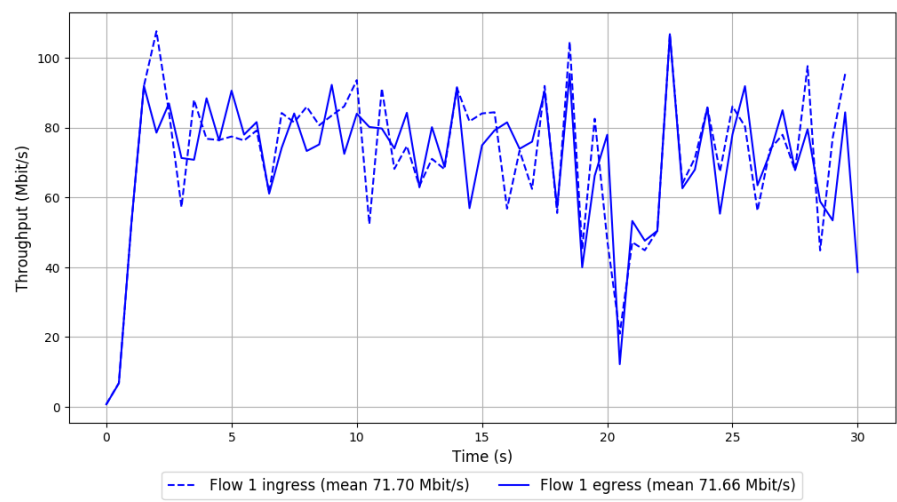
Average throughput: 71.66 Mbit/s

95th percentile per-packet one-way delay: 101.250 ms

Loss rate: 0.02%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-11-30 12:11:42

End at: 2017-11-30 12:12:12

Local clock offset: 0.035 ms

Remote clock offset: 3.558 ms

# Below is generated by plot.py at 2017-11-30 15:18:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.04 Mbit/s

95th percentile per-packet one-way delay: 101.725 ms

Loss rate: 0.01%

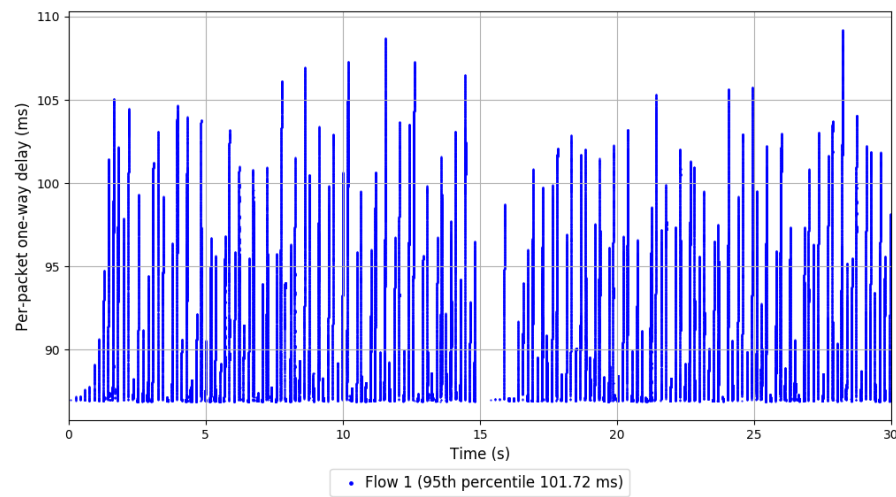
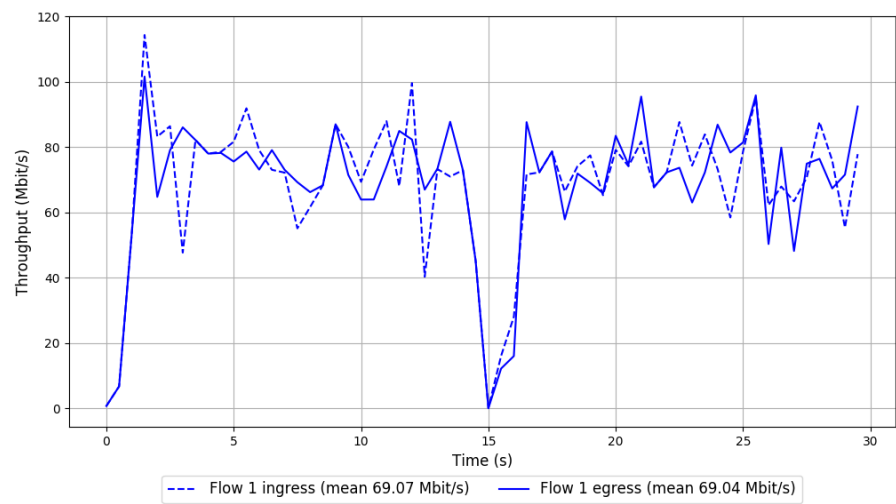
-- Flow 1:

Average throughput: 69.04 Mbit/s

95th percentile per-packet one-way delay: 101.725 ms

Loss rate: 0.01%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-11-30 12:29:40

End at: 2017-11-30 12:30:10

Local clock offset: -0.135 ms

Remote clock offset: 4.612 ms

# Below is generated by plot.py at 2017-11-30 15:18:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 99.399 ms

Loss rate: 0.01%

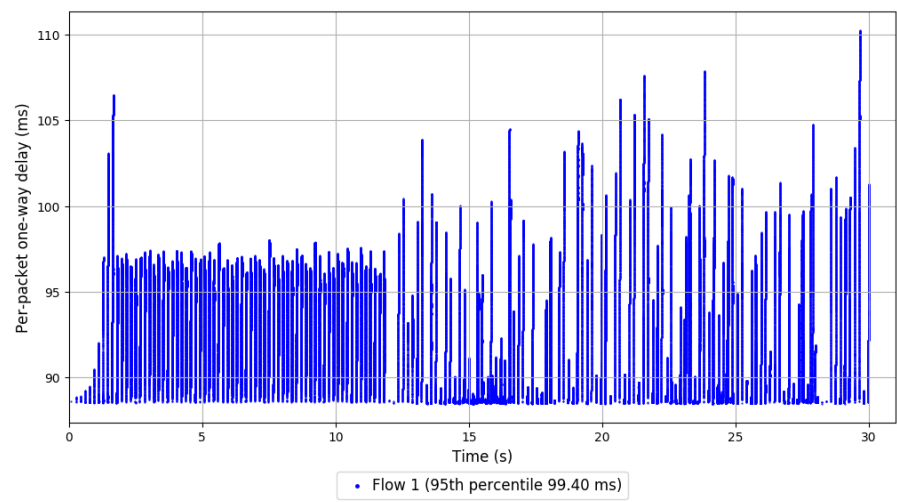
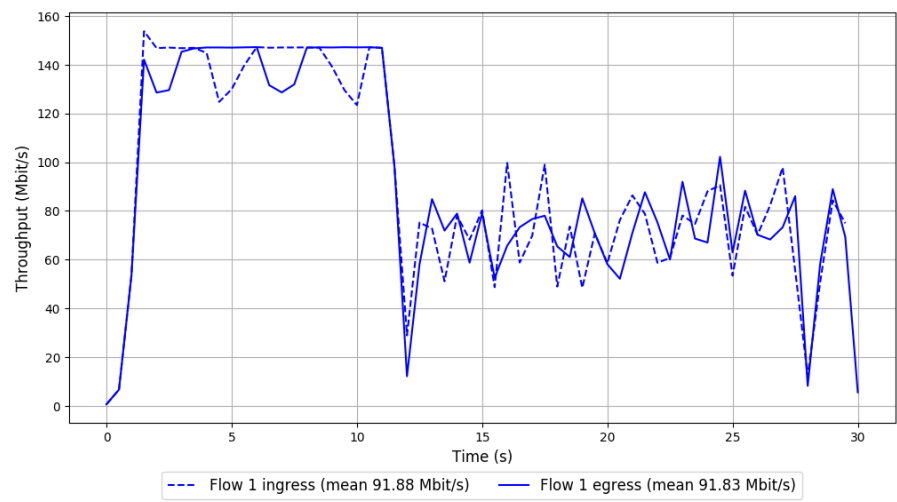
-- Flow 1:

Average throughput: 91.83 Mbit/s

95th percentile per-packet one-way delay: 99.399 ms

Loss rate: 0.01%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-11-30 12:47:33

End at: 2017-11-30 12:48:03

Local clock offset: -0.165 ms

Remote clock offset: 4.729 ms

# Below is generated by plot.py at 2017-11-30 15:19:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 102.153 ms

Loss rate: 0.02%

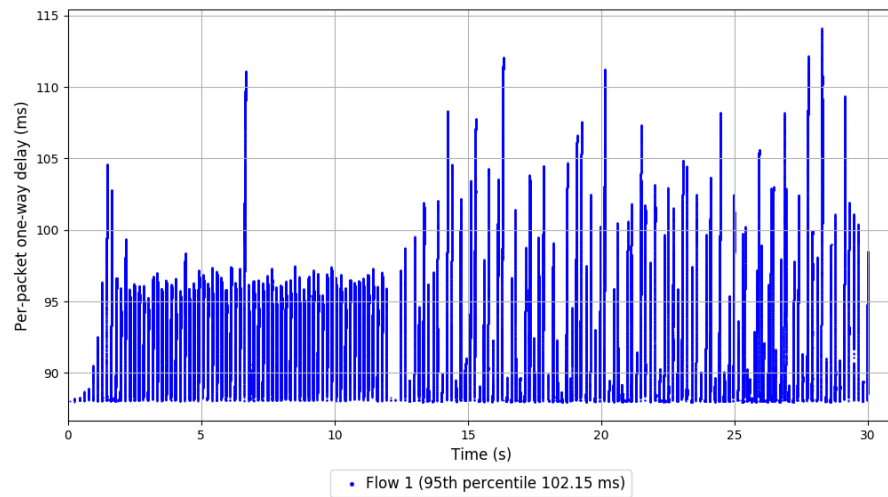
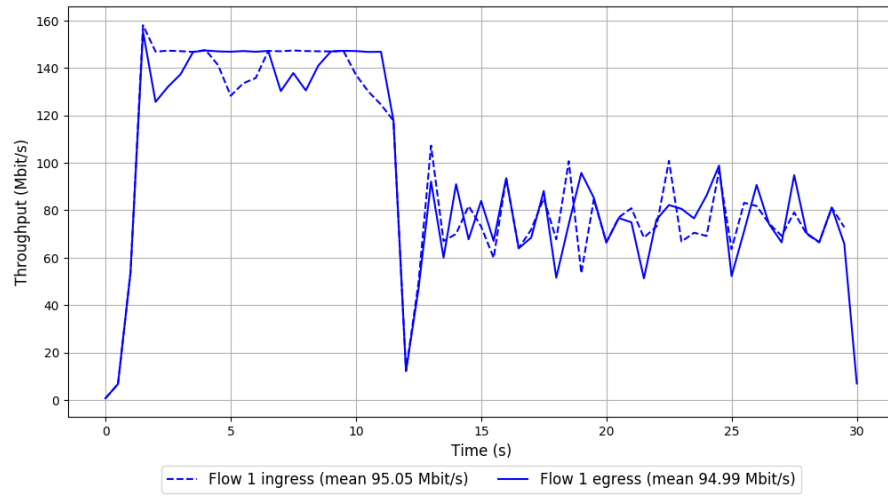
-- Flow 1:

Average throughput: 94.99 Mbit/s

95th percentile per-packet one-way delay: 102.153 ms

Loss rate: 0.02%

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



Run 5: Statistics of TCP BBR

Start at: 2017-11-30 13:05:28

End at: 2017-11-30 13:05:59

Local clock offset: -0.26 ms

Remote clock offset: 3.744 ms

# Below is generated by plot.py at 2017-11-30 15:19:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.46 Mbit/s

95th percentile per-packet one-way delay: 102.252 ms

Loss rate: 0.15%

-- Flow 1:

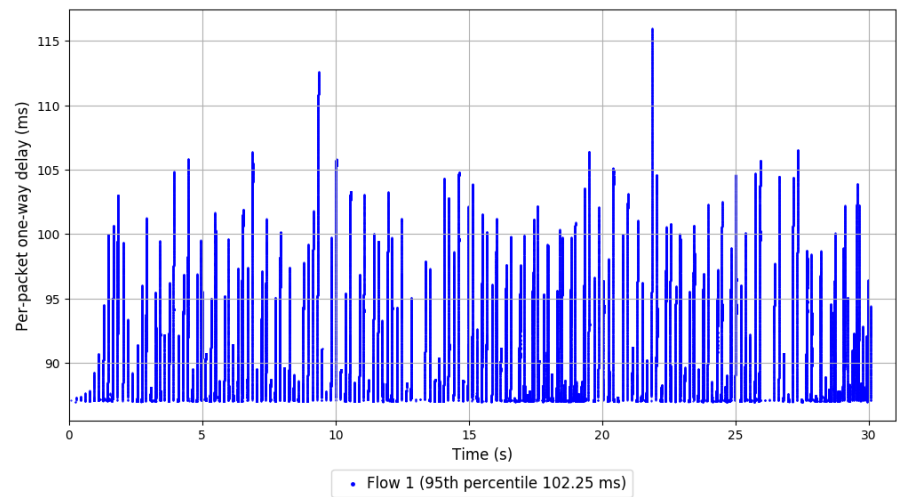
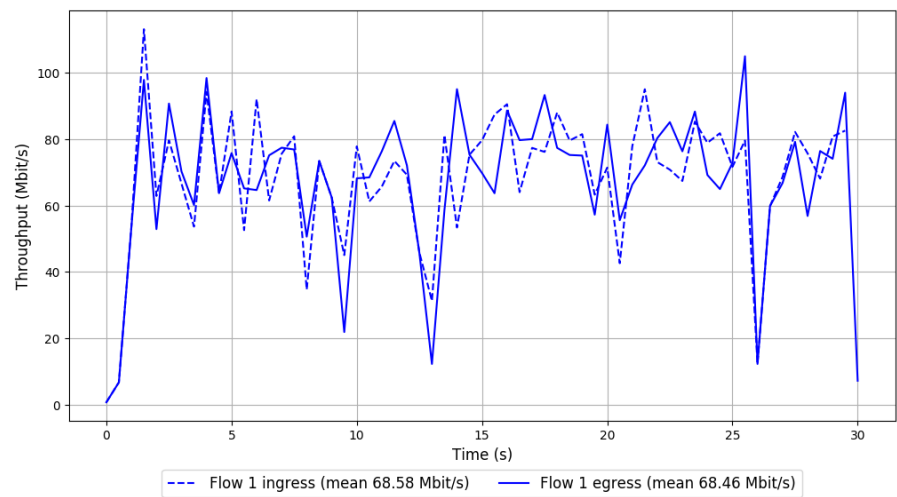
Average throughput: 68.46 Mbit/s

95th percentile per-packet one-way delay: 102.252 ms

Loss rate: 0.15%



Run 5: Report of TCP BBR — Data Link

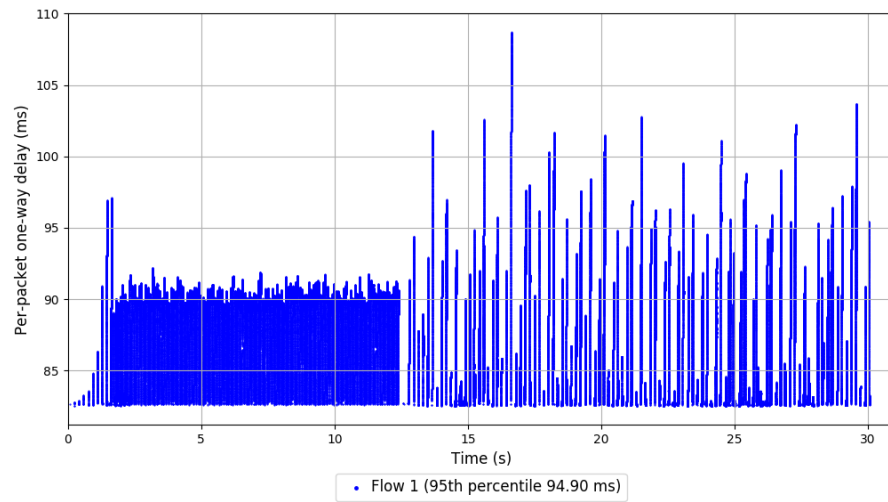
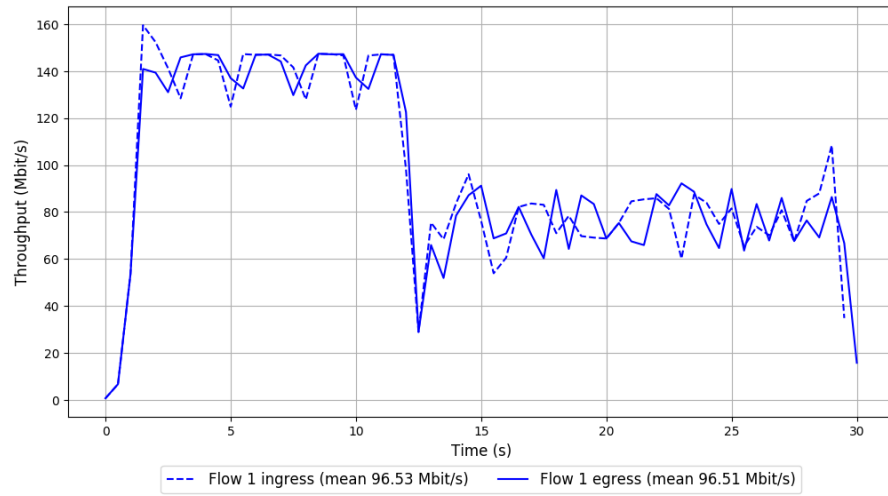


Run 6: Statistics of TCP BBR

Start at: 2017-11-30 13:23:29  
End at: 2017-11-30 13:23:59  
Local clock offset: -0.314 ms  
Remote clock offset: -1.214 ms

# Below is generated by plot.py at 2017-11-30 15:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.51 Mbit/s  
95th percentile per-packet one-way delay: 94.901 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.51 Mbit/s  
95th percentile per-packet one-way delay: 94.901 ms  
Loss rate: 0.02%

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

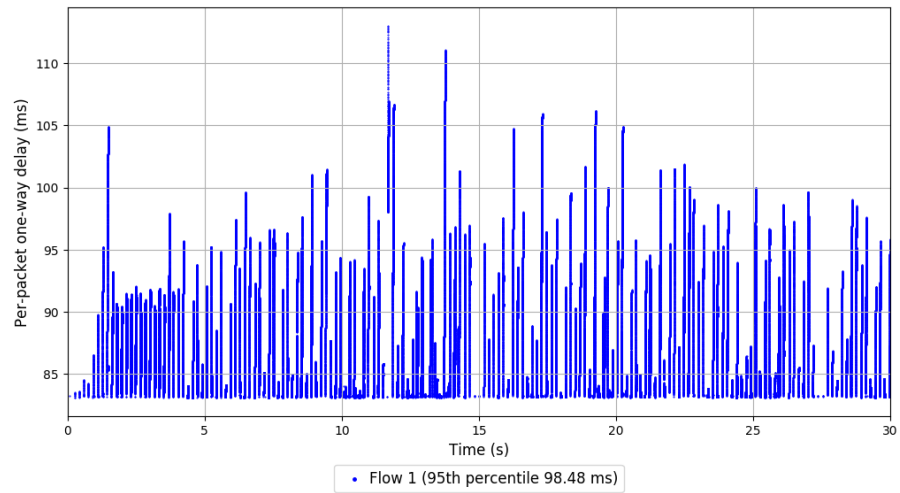
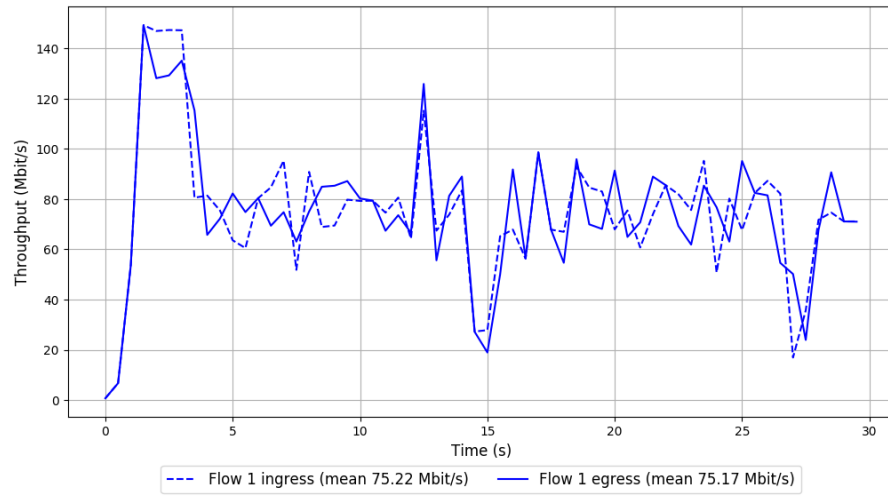


Run 7: Statistics of TCP BBR

Start at: 2017-11-30 13:41:16  
End at: 2017-11-30 13:41:46  
Local clock offset: -0.236 ms  
Remote clock offset: -1.164 ms

# Below is generated by plot.py at 2017-11-30 15:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.17 Mbit/s  
95th percentile per-packet one-way delay: 98.478 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 75.17 Mbit/s  
95th percentile per-packet one-way delay: 98.478 ms  
Loss rate: 0.03%

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



Run 8: Statistics of TCP BBR

Start at: 2017-11-30 13:57:08

End at: 2017-11-30 13:57:38

Local clock offset: -0.283 ms

# Below is generated by plot.py at 2017-11-30 15:19:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.27 Mbit/s

95th percentile per-packet one-way delay: 95.945 ms

Loss rate: 0.00%

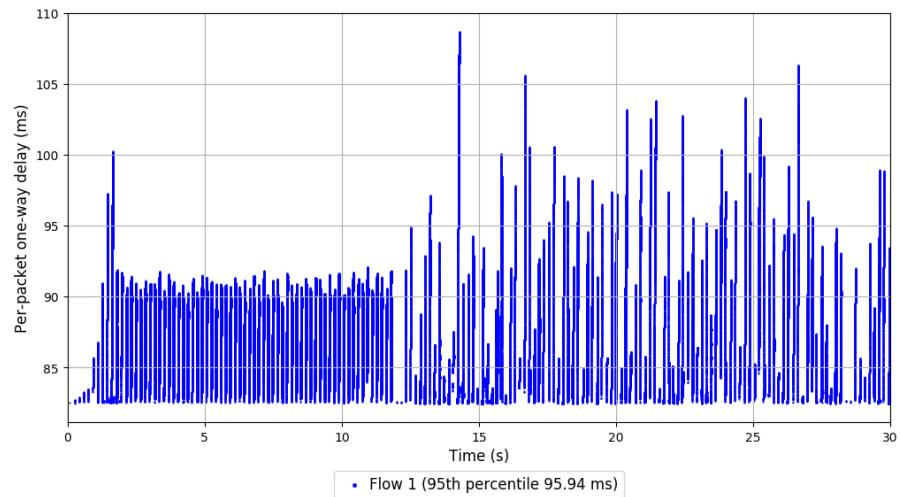
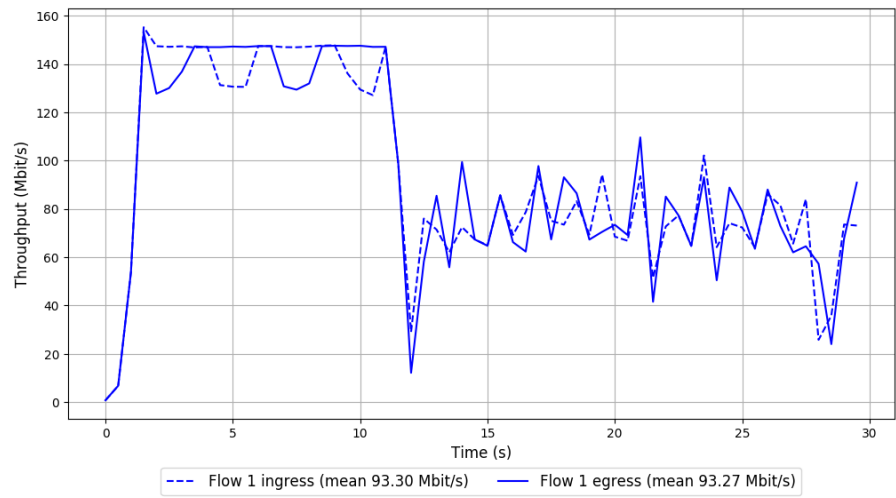
-- Flow 1:

Average throughput: 93.27 Mbit/s

95th percentile per-packet one-way delay: 95.945 ms

Loss rate: 0.00%

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



Run 9: Statistics of TCP BBR

Start at: 2017-11-30 14:11:39

End at: 2017-11-30 14:12:09

Local clock offset: -0.207 ms

# Below is generated by plot.py at 2017-11-30 15:19:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.82 Mbit/s

95th percentile per-packet one-way delay: 99.806 ms

Loss rate: 0.00%

-- Flow 1:

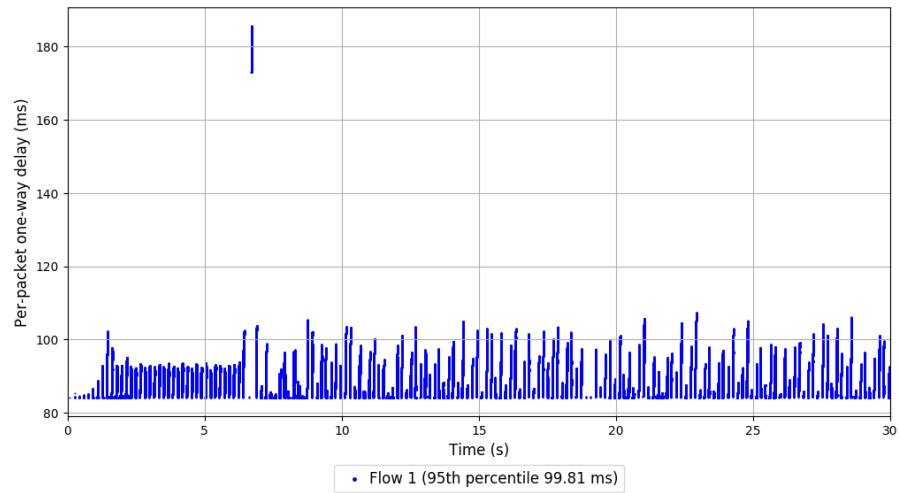
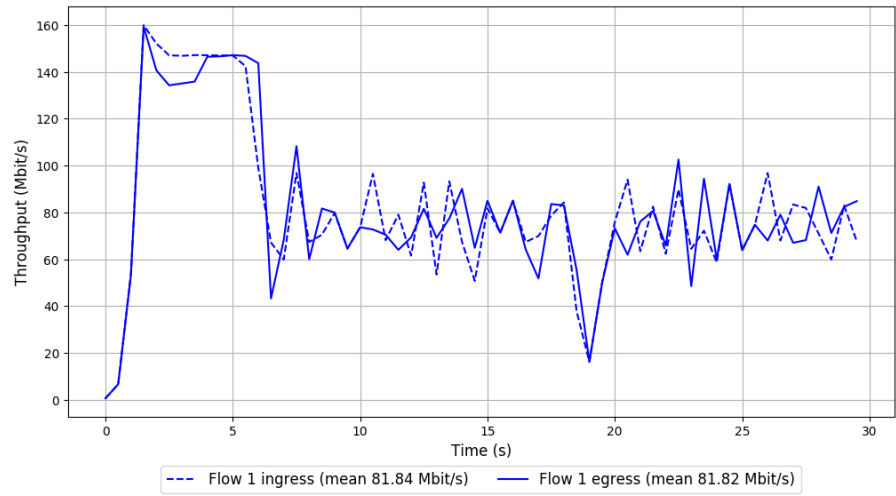
Average throughput: 81.82 Mbit/s

95th percentile per-packet one-way delay: 99.806 ms

Loss rate: 0.00%



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



Run 10: Statistics of TCP BBR

Start at: 2017-11-30 14:28:18

End at: 2017-11-30 14:28:48

Local clock offset: -0.201 ms

Remote clock offset: -5.978 ms

# Below is generated by plot.py at 2017-11-30 15:19:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 95.865 ms

Loss rate: 0.01%

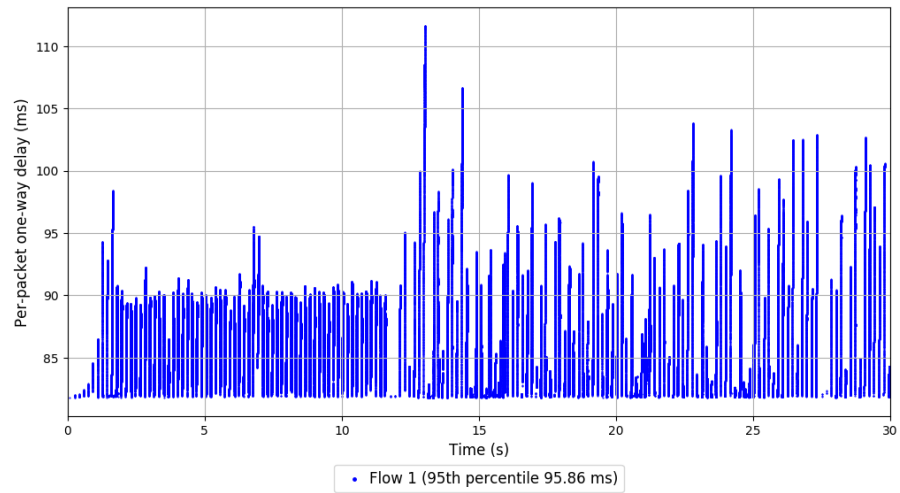
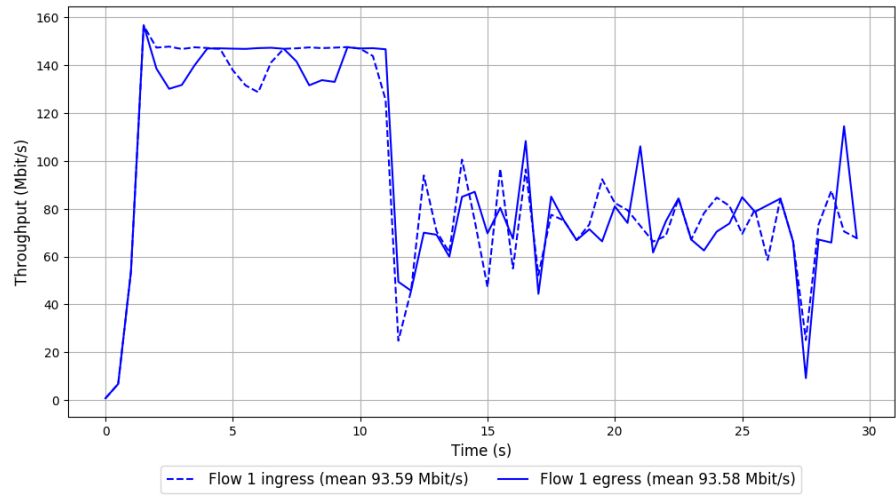
-- Flow 1:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 95.865 ms

Loss rate: 0.01%

# Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-11-30 11:57:27

End at: 2017-11-30 11:57:57

Local clock offset: 0.125 ms

Remote clock offset: 4.418 ms

# Below is generated by plot.py at 2017-11-30 15:20:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 121.98 Mbit/s

95th percentile per-packet one-way delay: 96.977 ms

Loss rate: 0.00%

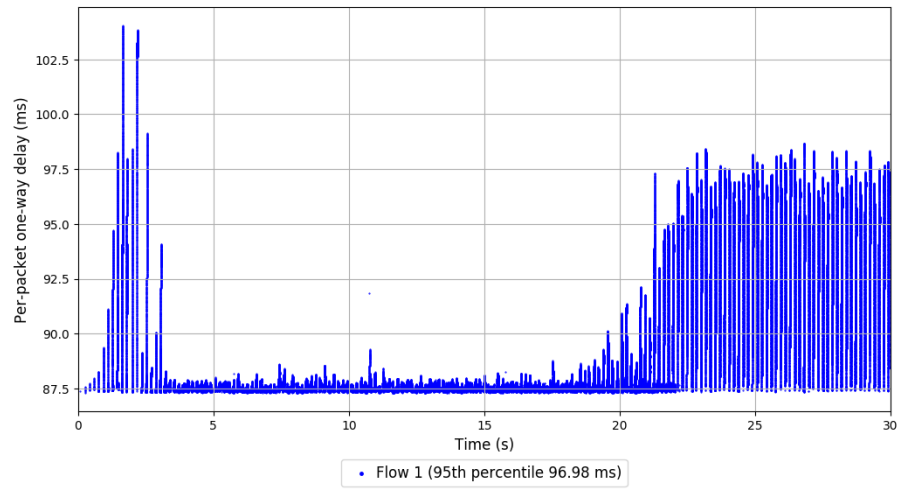
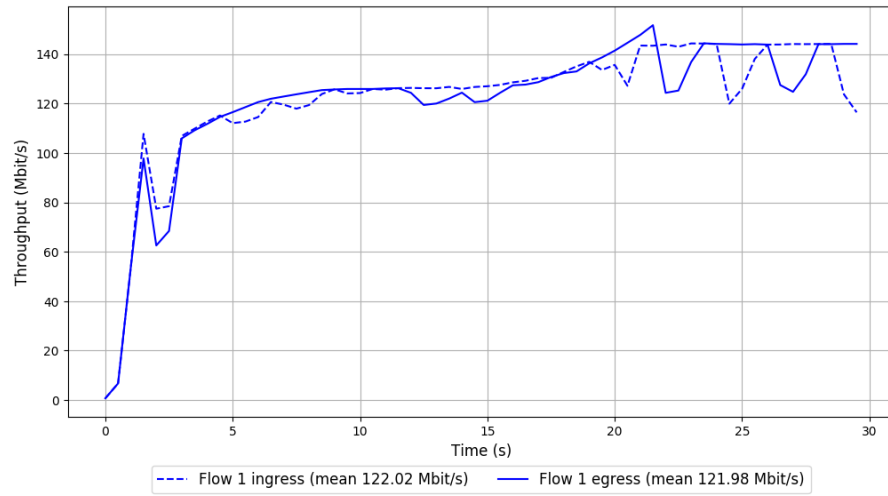
-- Flow 1:

Average throughput: 121.98 Mbit/s

95th percentile per-packet one-way delay: 96.977 ms

Loss rate: 0.00%

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

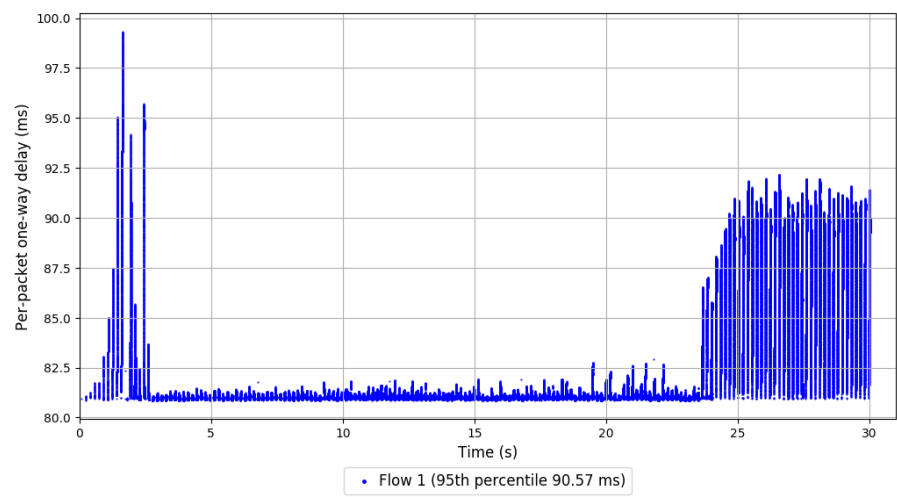
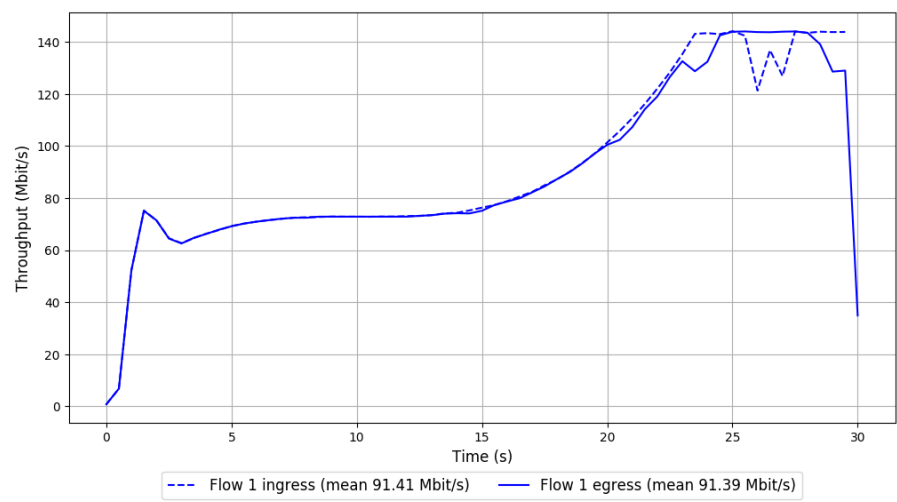


Run 2: Statistics of TCP Cubic

Start at: 2017-11-30 12:15:27  
End at: 2017-11-30 12:15:57  
Local clock offset: 0.032 ms  
Remote clock offset: -1.141 ms

# Below is generated by plot.py at 2017-11-30 15:20:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.39 Mbit/s  
95th percentile per-packet one-way delay: 90.572 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.39 Mbit/s  
95th percentile per-packet one-way delay: 90.572 ms  
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-11-30 12:33:25

End at: 2017-11-30 12:33:55

Local clock offset: -0.083 ms

Remote clock offset: 4.563 ms

# Below is generated by plot.py at 2017-11-30 15:20:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 124.59 Mbit/s

95th percentile per-packet one-way delay: 97.663 ms

Loss rate: 0.00%

-- Flow 1:

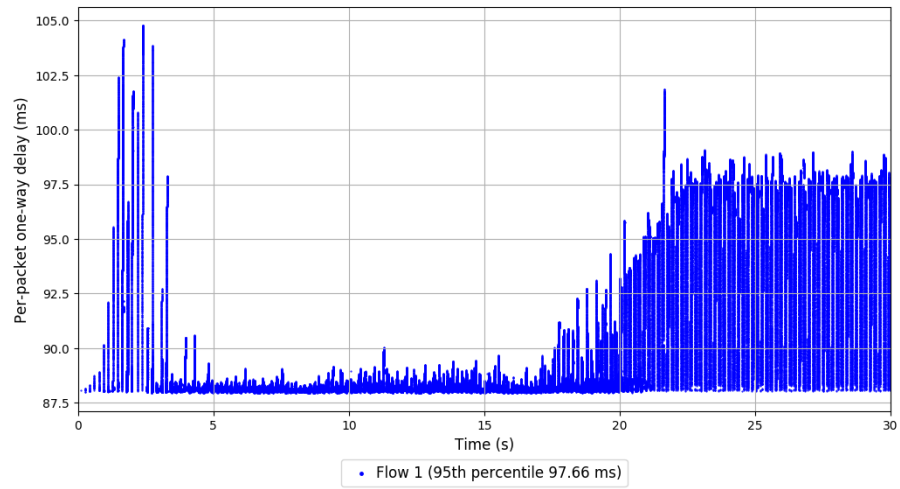
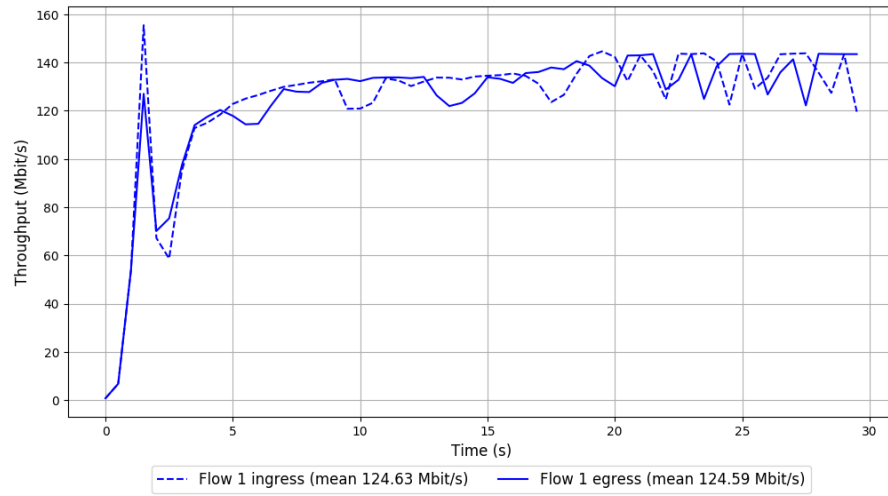
Average throughput: 124.59 Mbit/s

95th percentile per-packet one-way delay: 97.663 ms

Loss rate: 0.00%



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



Run 4: Statistics of TCP Cubic

Start at: 2017-11-30 12:51:19

End at: 2017-11-30 12:51:49

Local clock offset: -0.159 ms

Remote clock offset: 0.085 ms

# Below is generated by plot.py at 2017-11-30 15:20:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 98.68 Mbit/s

95th percentile per-packet one-way delay: 91.714 ms

Loss rate: 0.01%

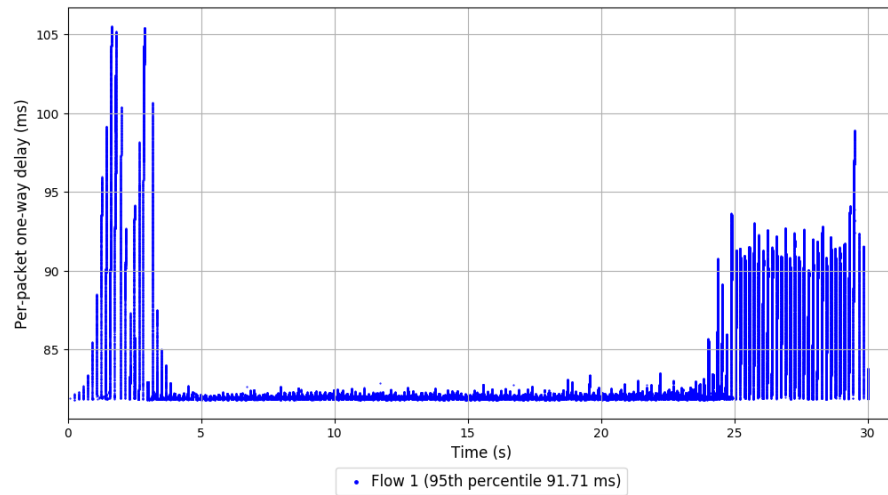
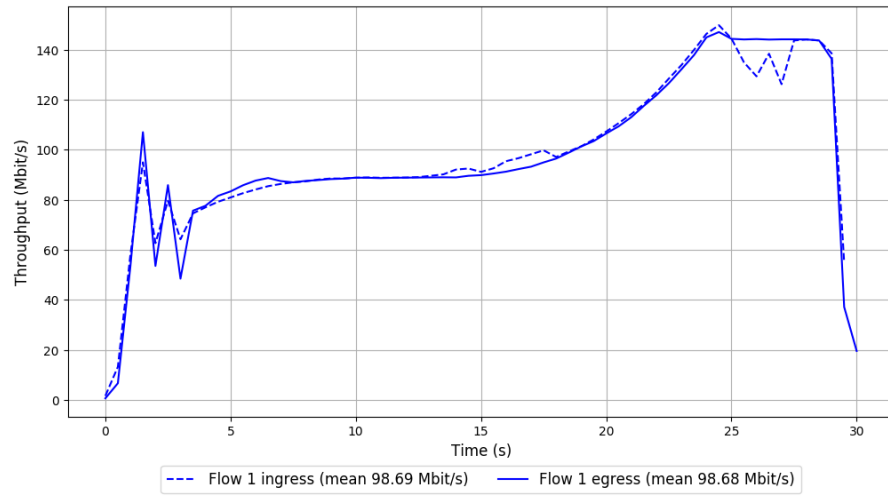
-- Flow 1:

Average throughput: 98.68 Mbit/s

95th percentile per-packet one-way delay: 91.714 ms

Loss rate: 0.01%

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

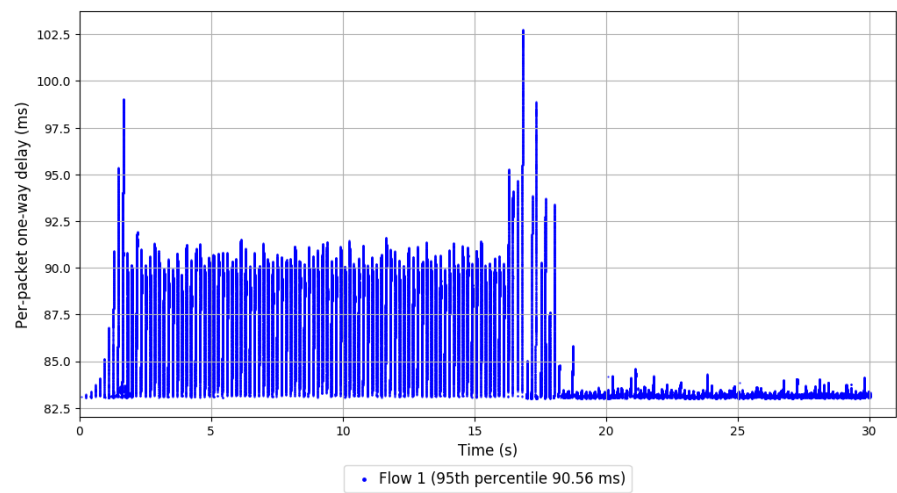
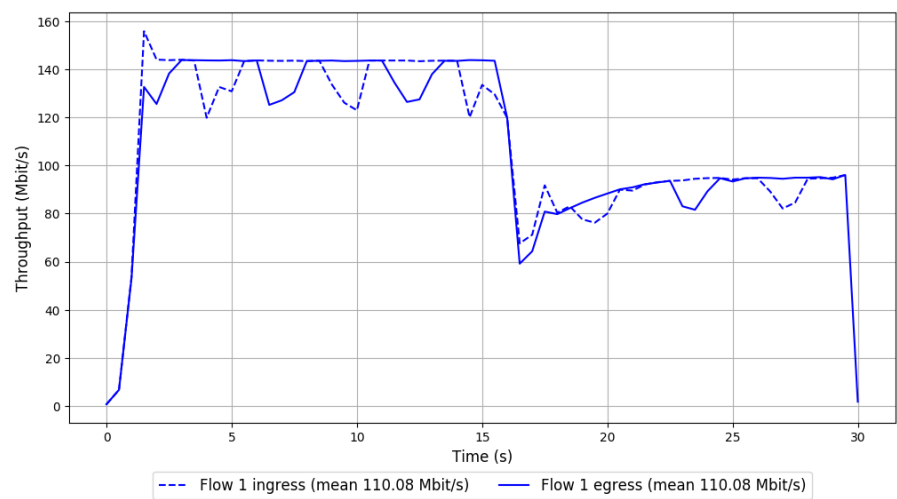


Run 5: Statistics of TCP Cubic

Start at: 2017-11-30 13:09:14  
End at: 2017-11-30 13:09:44  
Local clock offset: -0.258 ms  
Remote clock offset: -0.329 ms

# Below is generated by plot.py at 2017-11-30 15:20:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 110.08 Mbit/s  
95th percentile per-packet one-way delay: 90.563 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 110.08 Mbit/s  
95th percentile per-packet one-way delay: 90.563 ms  
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-11-30 13:27:06

End at: 2017-11-30 13:27:36

Local clock offset: -0.243 ms

Remote clock offset: 5.061 ms

# Below is generated by plot.py at 2017-11-30 15:20:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.94 Mbit/s

95th percentile per-packet one-way delay: 95.576 ms

Loss rate: 0.00%

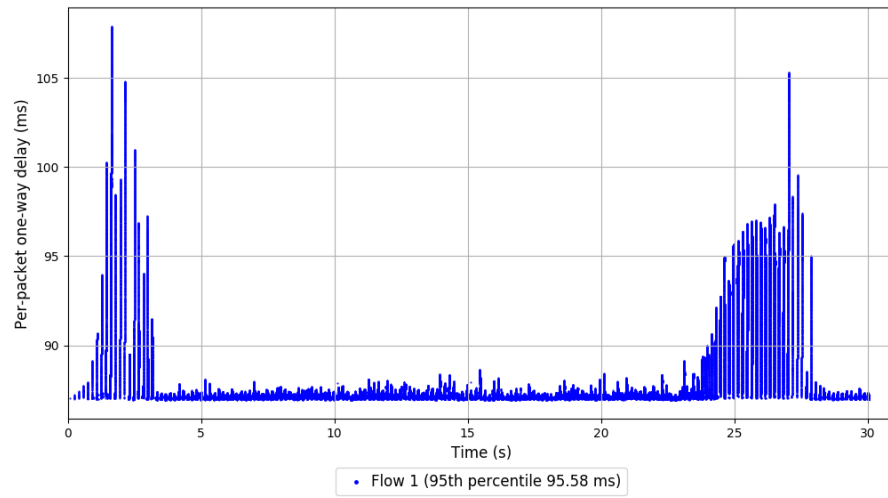
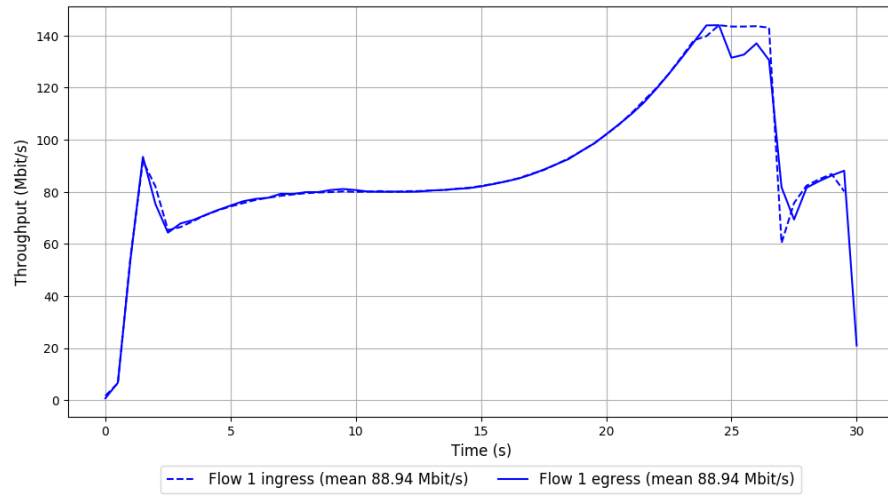
-- Flow 1:

Average throughput: 88.94 Mbit/s

95th percentile per-packet one-way delay: 95.576 ms

Loss rate: 0.00%

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



Run 7: Statistics of TCP Cubic

Start at: 2017-11-30 13:45:01

End at: 2017-11-30 13:45:31

Local clock offset: -0.271 ms

Remote clock offset: 3.591 ms

# Below is generated by plot.py at 2017-11-30 15:21:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.65 Mbit/s

95th percentile per-packet one-way delay: 95.820 ms

Loss rate: 0.01%

-- Flow 1:

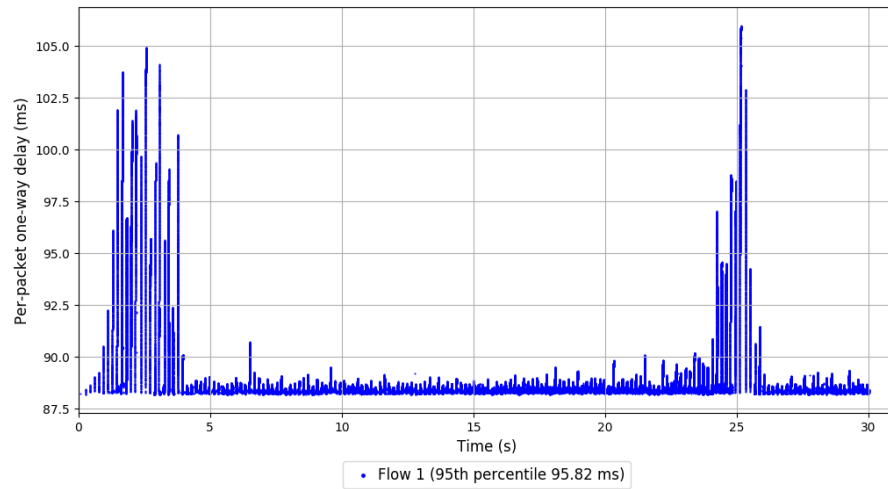
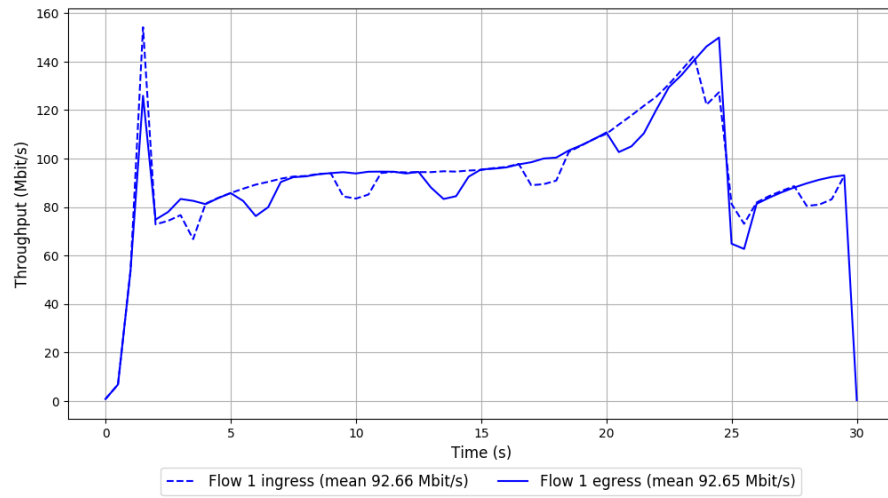
Average throughput: 92.65 Mbit/s

95th percentile per-packet one-way delay: 95.820 ms

Loss rate: 0.01%



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



Run 8: Statistics of TCP Cubic

Start at: 2017-11-30 14:00:10

End at: 2017-11-30 14:00:40

Local clock offset: -0.204 ms

# Below is generated by plot.py at 2017-11-30 15:21:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.75 Mbit/s

95th percentile per-packet one-way delay: 91.962 ms

Loss rate: 0.00%

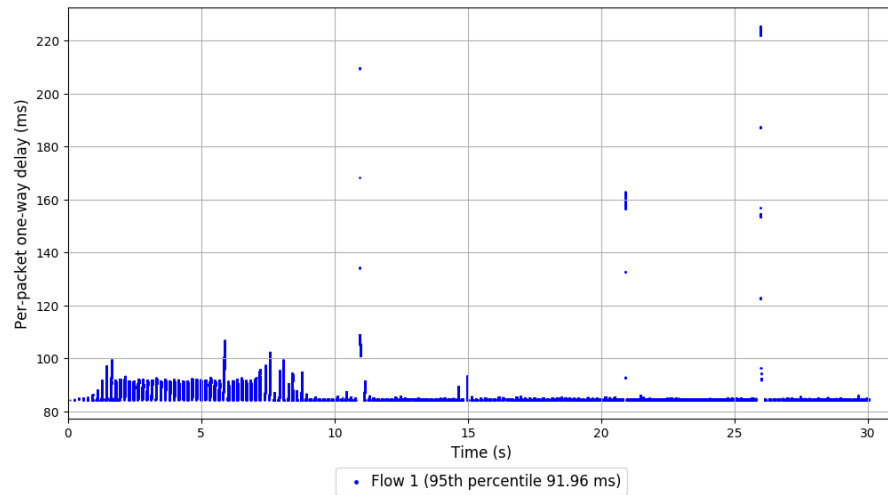
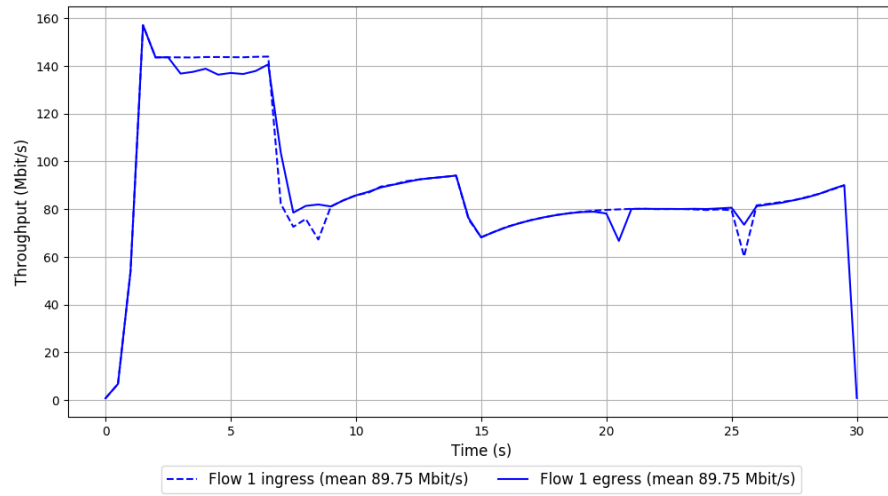
-- Flow 1:

Average throughput: 89.75 Mbit/s

95th percentile per-packet one-way delay: 91.962 ms

Loss rate: 0.00%

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



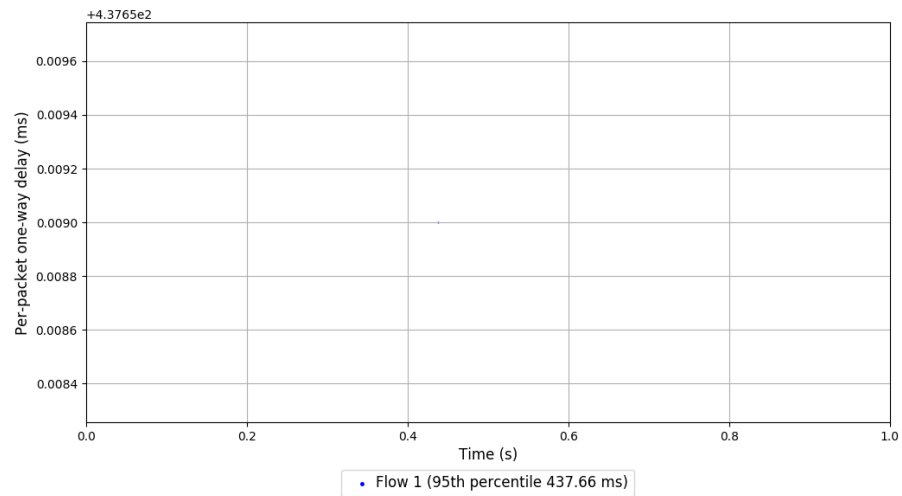
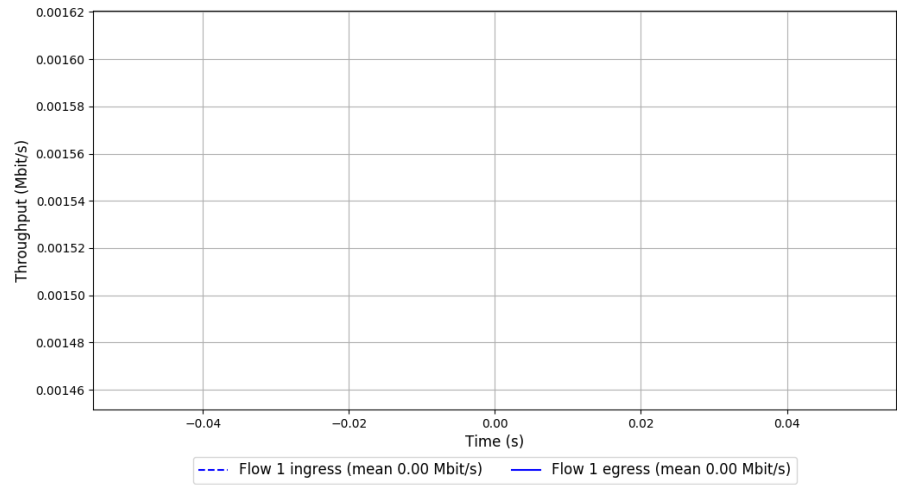
Run 9: Statistics of TCP Cubic

Start at: 2017-11-30 14:14:41

End at: 2017-11-30 14:15:11

Local clock offset: -0.214 ms

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



Run 10: Statistics of TCP Cubic

Start at: 2017-11-30 14:32:04

End at: 2017-11-30 14:32:34

Local clock offset: -0.272 ms

Remote clock offset: -7.369 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 117.35 Mbit/s

95th percentile per-packet one-way delay: 88.525 ms

Loss rate: 0.02%

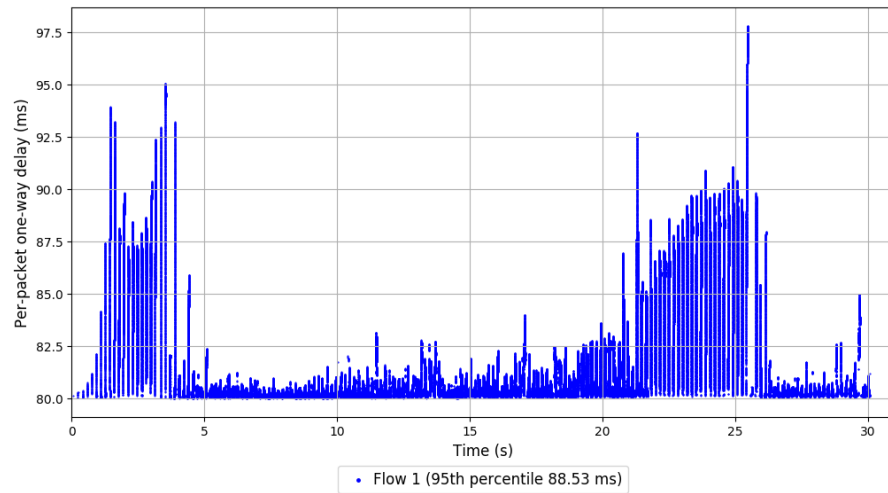
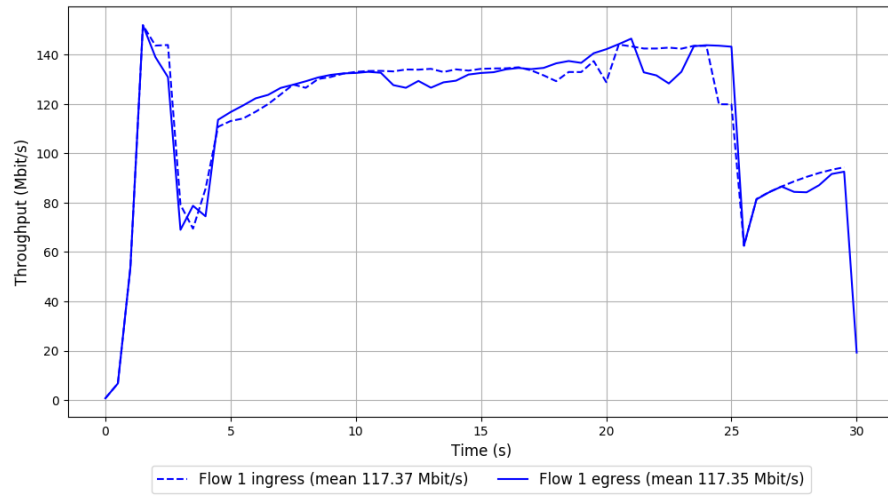
-- Flow 1:

Average throughput: 117.35 Mbit/s

95th percentile per-packet one-way delay: 88.525 ms

Loss rate: 0.02%

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



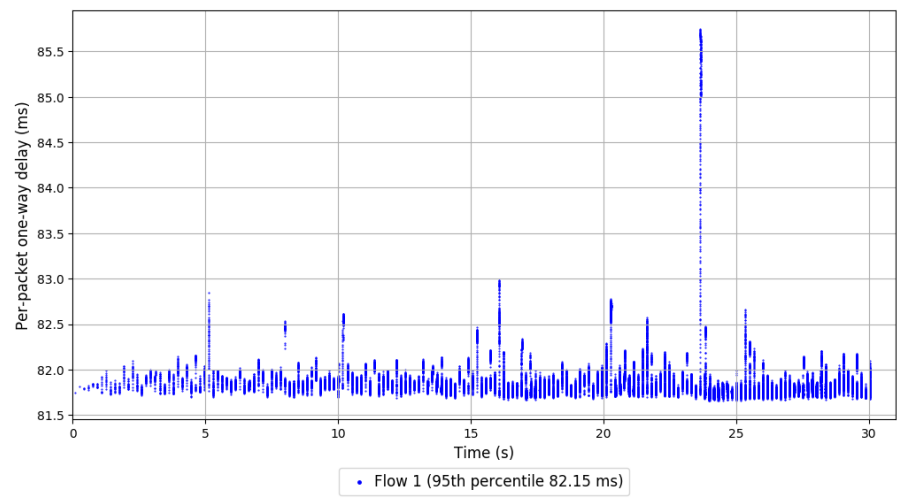
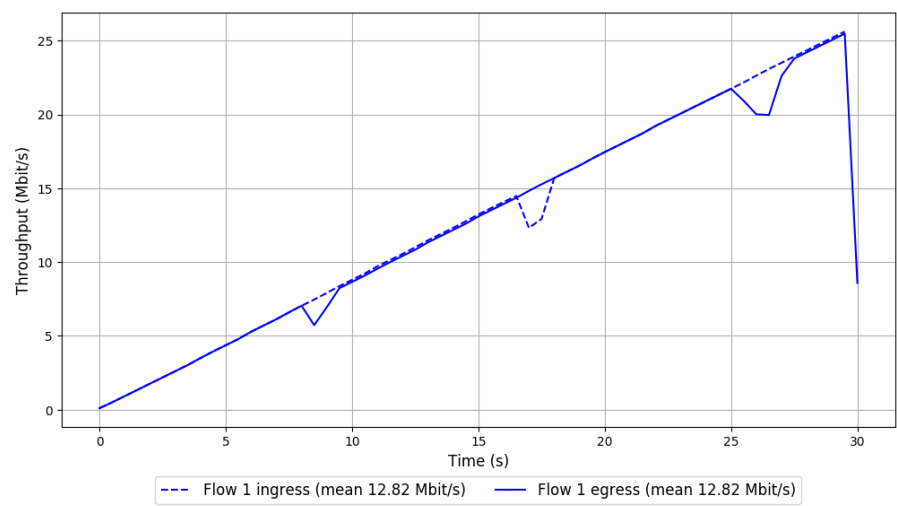
Run 1: Statistics of LEDBAT

Start at: 2017-11-30 11:50:05  
End at: 2017-11-30 11:50:35  
Local clock offset: 0.274 ms  
Remote clock offset: -1.504 ms

# Below is generated by plot.py at 2017-11-30 15:21:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.82 Mbit/s  
95th percentile per-packet one-way delay: 82.150 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 12.82 Mbit/s  
95th percentile per-packet one-way delay: 82.150 ms  
Loss rate: 0.00%



Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-11-30 12:08:05

End at: 2017-11-30 12:08:35

Local clock offset: 0.013 ms

Remote clock offset: 4.283 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.30 Mbit/s

95th percentile per-packet one-way delay: 86.211 ms

Loss rate: 0.00%

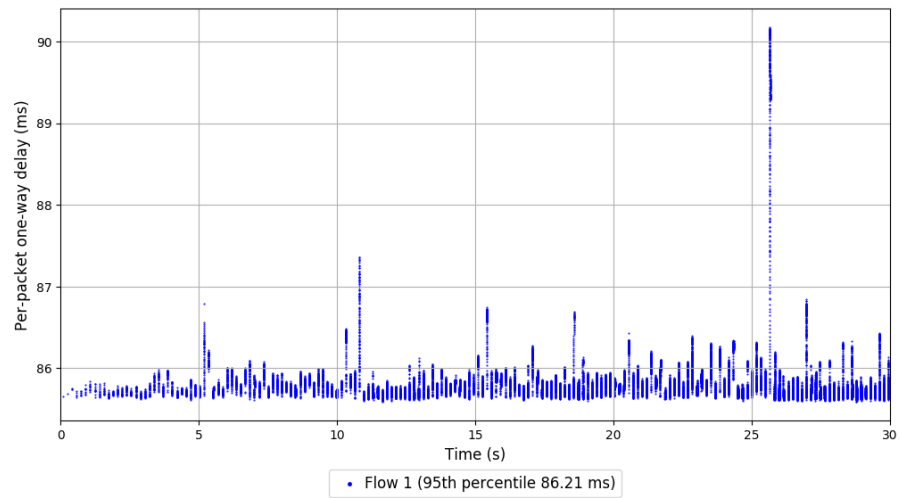
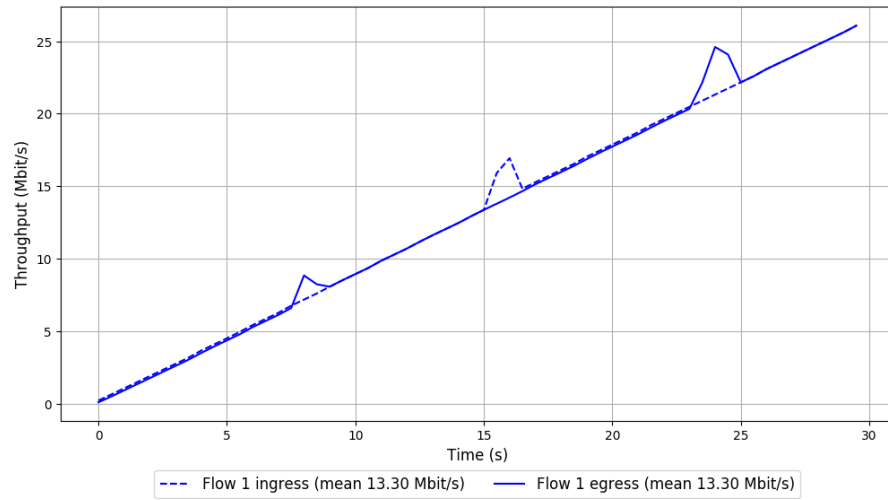
-- Flow 1:

Average throughput: 13.30 Mbit/s

95th percentile per-packet one-way delay: 86.211 ms

Loss rate: 0.00%

## Run 2: Report of LEDBAT — Data Link

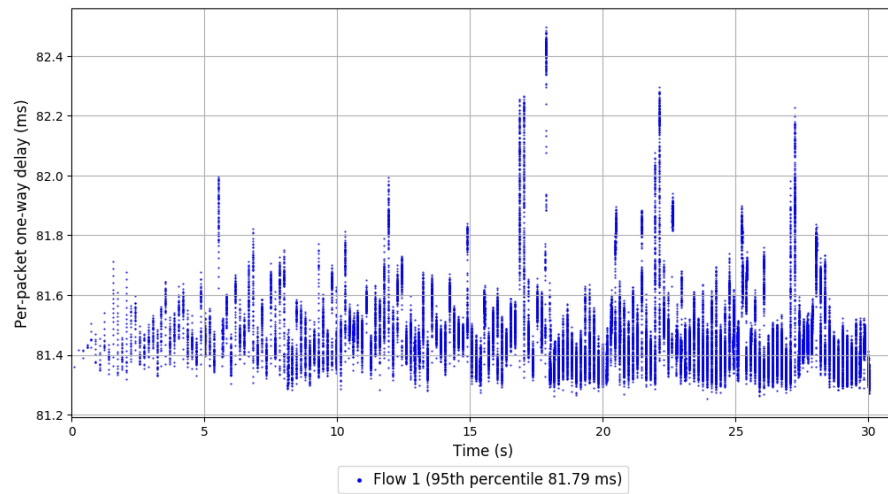
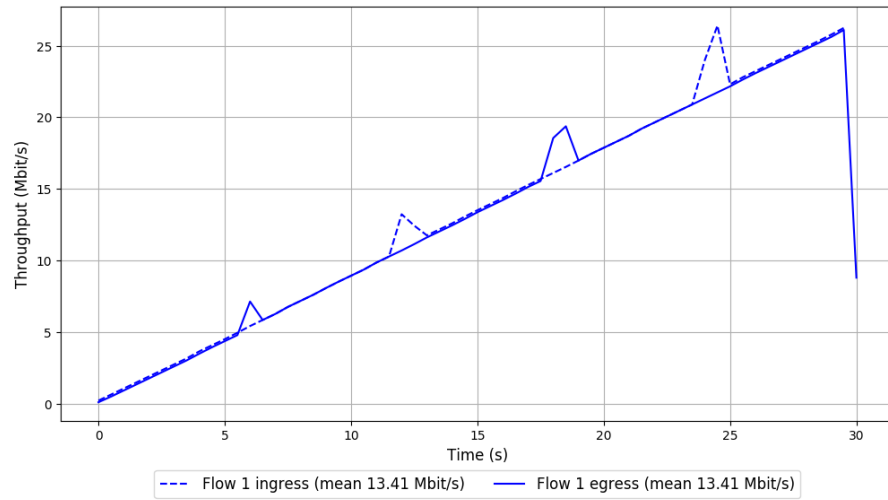


Run 3: Statistics of LEDBAT

Start at: 2017-11-30 12:26:03  
End at: 2017-11-30 12:26:33  
Local clock offset: -0.039 ms  
Remote clock offset: -0.148 ms

# Below is generated by plot.py at 2017-11-30 15:21:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 13.41 Mbit/s  
95th percentile per-packet one-way delay: 81.793 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 13.41 Mbit/s  
95th percentile per-packet one-way delay: 81.793 ms  
Loss rate: 0.00%

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

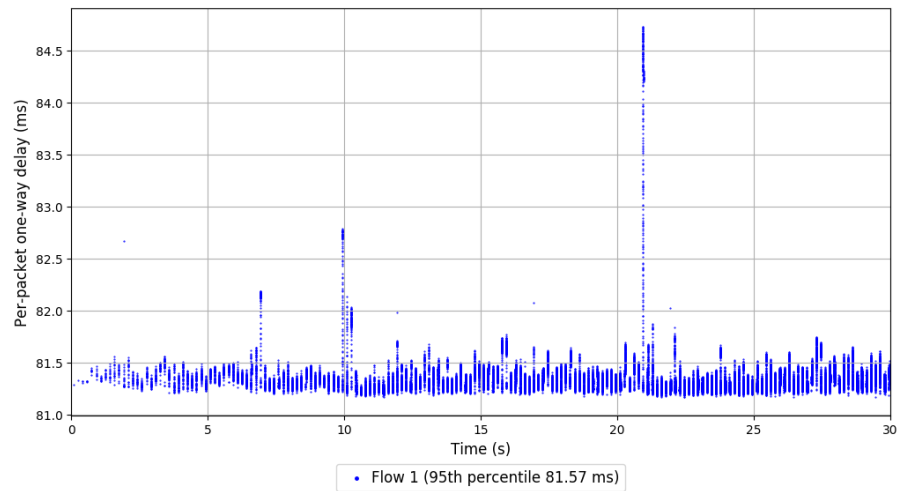
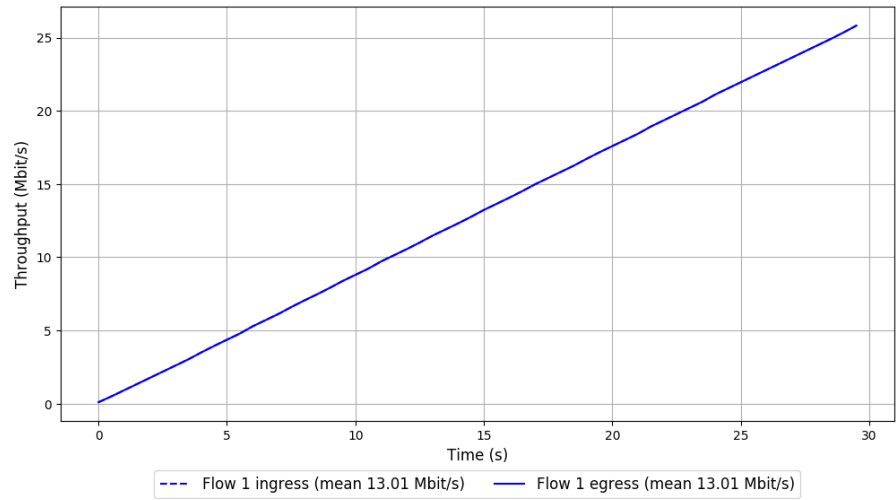


Run 4: Statistics of LEDBAT

Start at: 2017-11-30 12:43:58  
End at: 2017-11-30 12:44:28  
Local clock offset: -0.203 ms  
Remote clock offset: -0.571 ms

# Below is generated by plot.py at 2017-11-30 15:21:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 13.01 Mbit/s  
95th percentile per-packet one-way delay: 81.568 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 13.01 Mbit/s  
95th percentile per-packet one-way delay: 81.568 ms  
Loss rate: 0.00%

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



Run 5: Statistics of LEDBAT

Start at: 2017-11-30 13:01:55

End at: 2017-11-30 13:02:25

Local clock offset: -0.202 ms

Remote clock offset: 4.653 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.89 Mbit/s

95th percentile per-packet one-way delay: 86.673 ms

Loss rate: 0.00%

-- Flow 1:

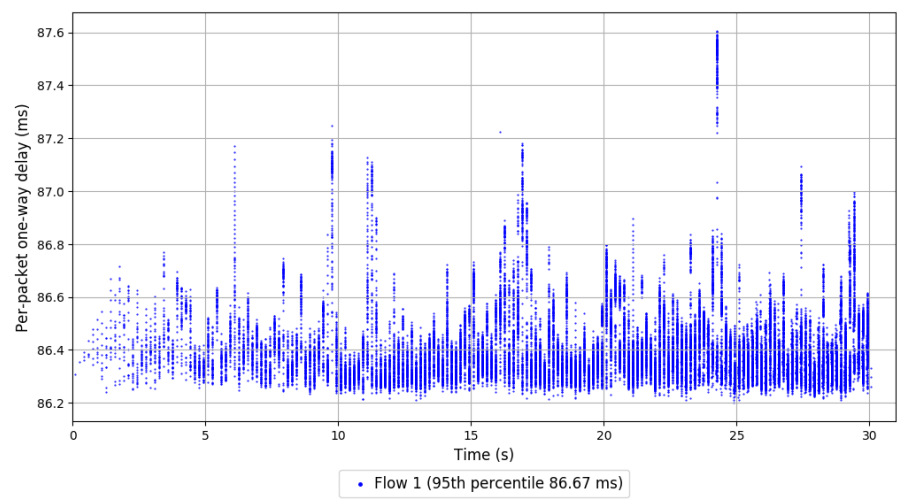
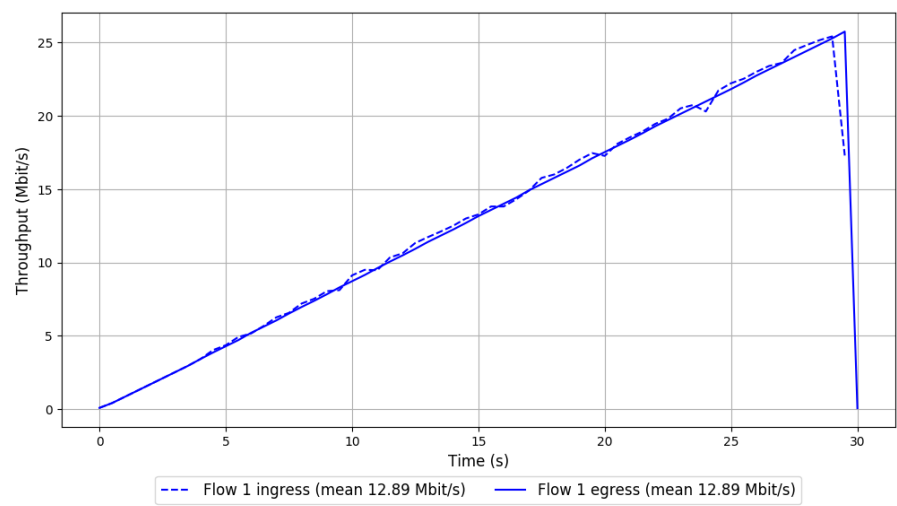
Average throughput: 12.89 Mbit/s

95th percentile per-packet one-way delay: 86.673 ms

Loss rate: 0.00%



Run 5: Report of LEDBAT — Data Link

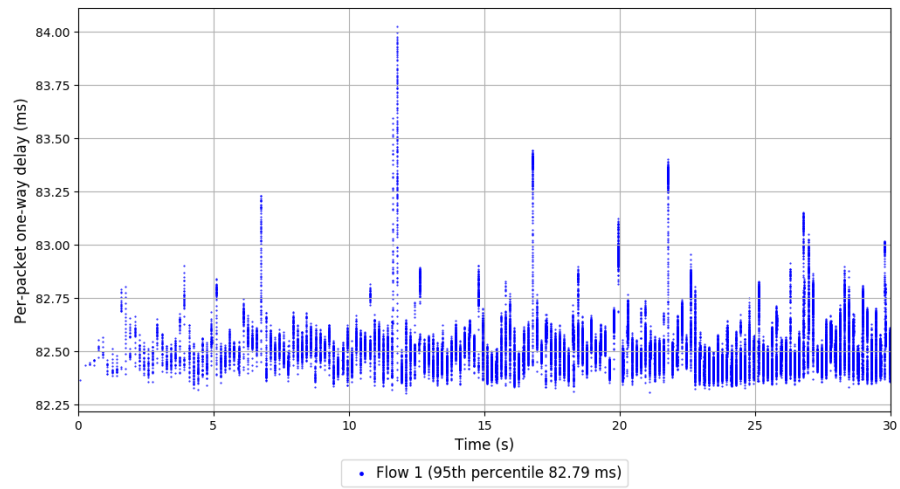
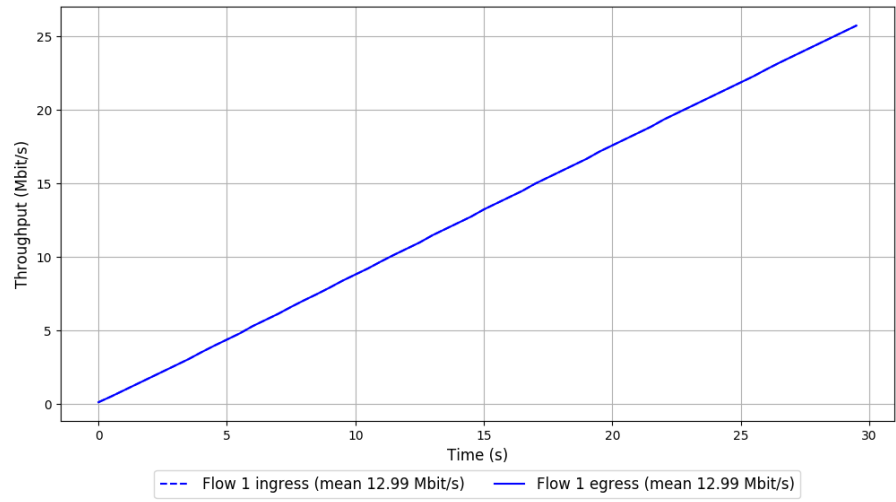


Run 6: Statistics of LEDBAT

Start at: 2017-11-30 13:19:55  
End at: 2017-11-30 13:20:25  
Local clock offset: -0.265 ms  
Remote clock offset: -1.152 ms

# Below is generated by plot.py at 2017-11-30 15:21:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 12.99 Mbit/s  
95th percentile per-packet one-way delay: 82.789 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 12.99 Mbit/s  
95th percentile per-packet one-way delay: 82.789 ms  
Loss rate: 0.00%

# Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-11-30 13:37:40

End at: 2017-11-30 13:38:10

Local clock offset: -0.23 ms

Remote clock offset: 3.034 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.48 Mbit/s

95th percentile per-packet one-way delay: 86.202 ms

Loss rate: 0.01%

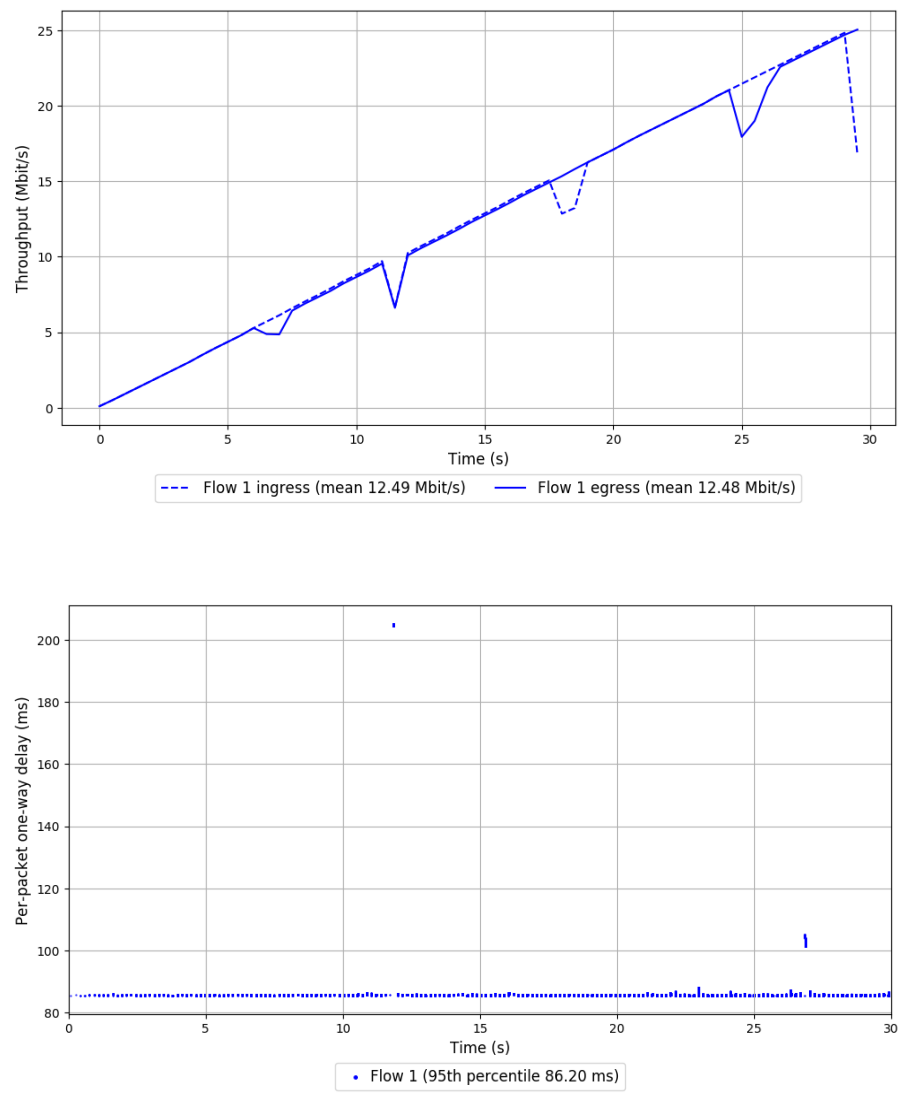
-- Flow 1:

Average throughput: 12.48 Mbit/s

95th percentile per-packet one-way delay: 86.202 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-11-30 13:54:17

End at: 2017-11-30 13:54:47

Local clock offset: -0.225 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.36 Mbit/s

95th percentile per-packet one-way delay: 85.001 ms

Loss rate: 0.18%

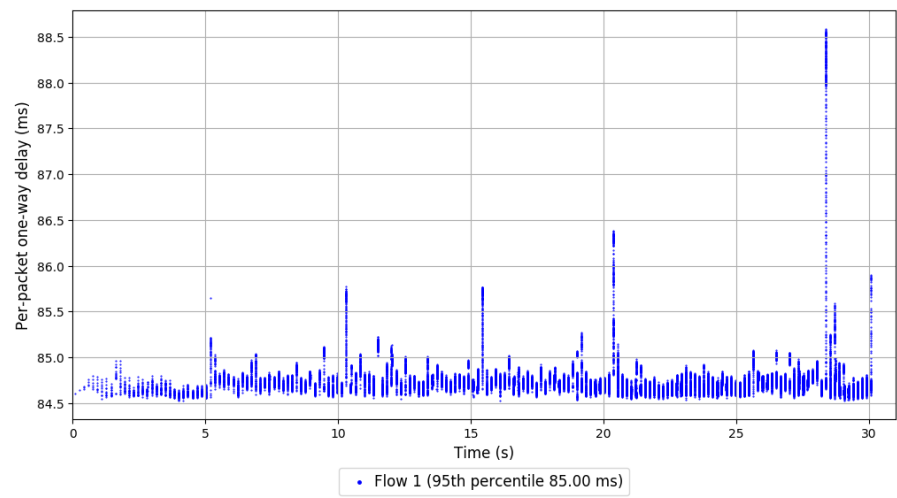
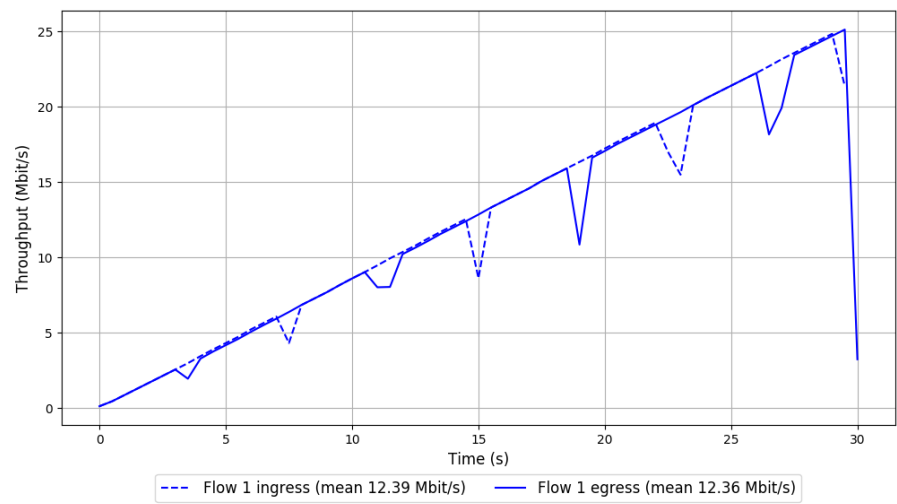
-- Flow 1:

Average throughput: 12.36 Mbit/s

95th percentile per-packet one-way delay: 85.001 ms

Loss rate: 0.18%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-11-30 14:08:49

End at: 2017-11-30 14:09:20

Local clock offset: -0.221 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.98 Mbit/s

95th percentile per-packet one-way delay: 84.794 ms

Loss rate: 0.00%

-- Flow 1:

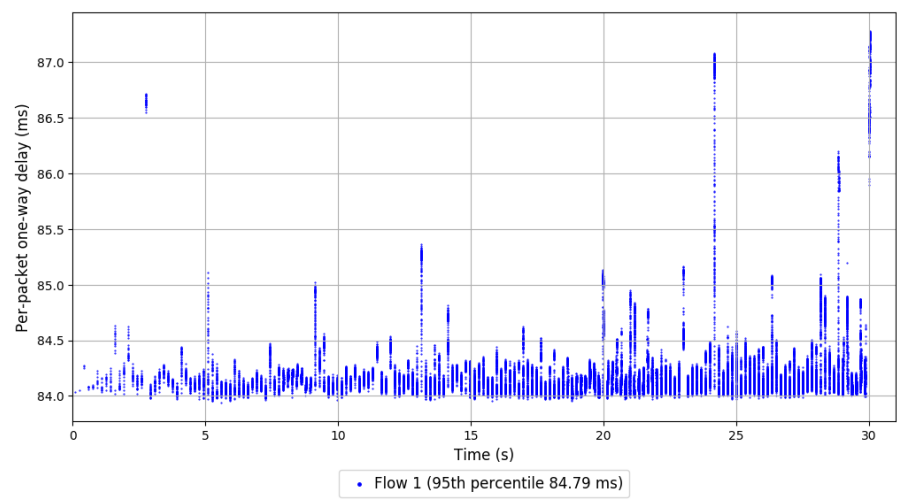
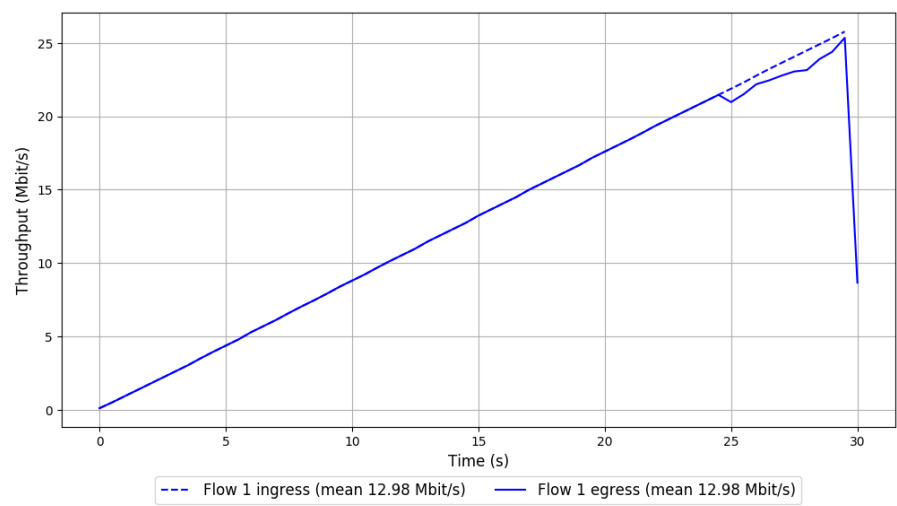
Average throughput: 12.98 Mbit/s

95th percentile per-packet one-way delay: 84.794 ms

Loss rate: 0.00%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-11-30 14:24:44

End at: 2017-11-30 14:25:14

Local clock offset: -0.218 ms

Remote clock offset: 0.138 ms

# Below is generated by plot.py at 2017-11-30 15:21:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.62 Mbit/s

95th percentile per-packet one-way delay: 87.636 ms

Loss rate: 0.01%

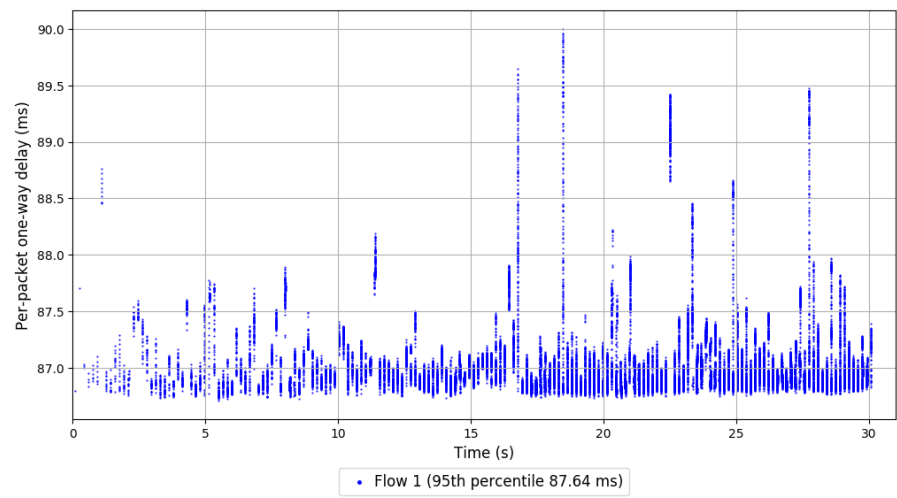
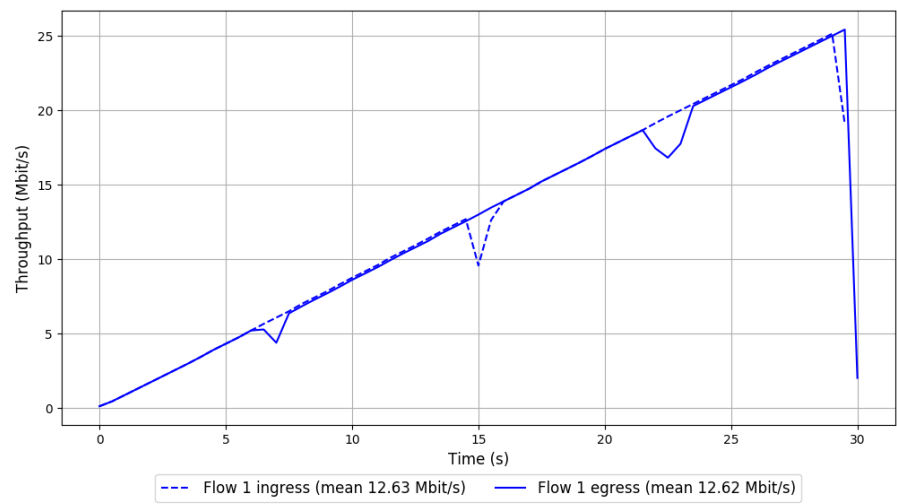
-- Flow 1:

Average throughput: 12.62 Mbit/s

95th percentile per-packet one-way delay: 87.636 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

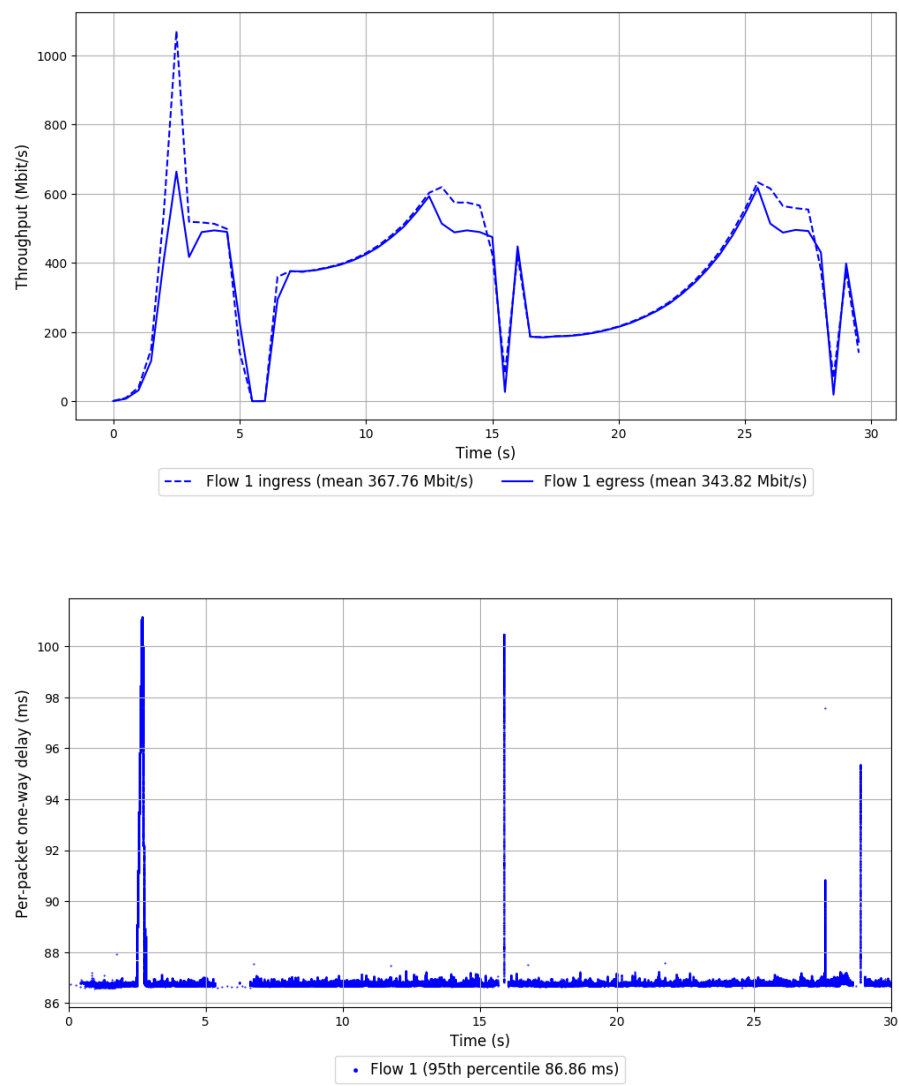


```
Run 1: Statistics of PCC

Start at: 2017-11-30 11:58:42
End at: 2017-11-30 11:59:13
Local clock offset: 0.1 ms
Remote clock offset: 4.725 ms

# Below is generated by plot.py at 2017-11-30 15:25:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 343.82 Mbit/s
95th percentile per-packet one-way delay: 86.857 ms
Loss rate: 6.51%
-- Flow 1:
Average throughput: 343.82 Mbit/s
95th percentile per-packet one-way delay: 86.857 ms
Loss rate: 6.51%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-11-30 12:16:41

End at: 2017-11-30 12:17:11

Local clock offset: -0.101 ms

Remote clock offset: 4.648 ms

# Below is generated by plot.py at 2017-11-30 15:26:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 357.26 Mbit/s

95th percentile per-packet one-way delay: 88.704 ms

Loss rate: 5.78%

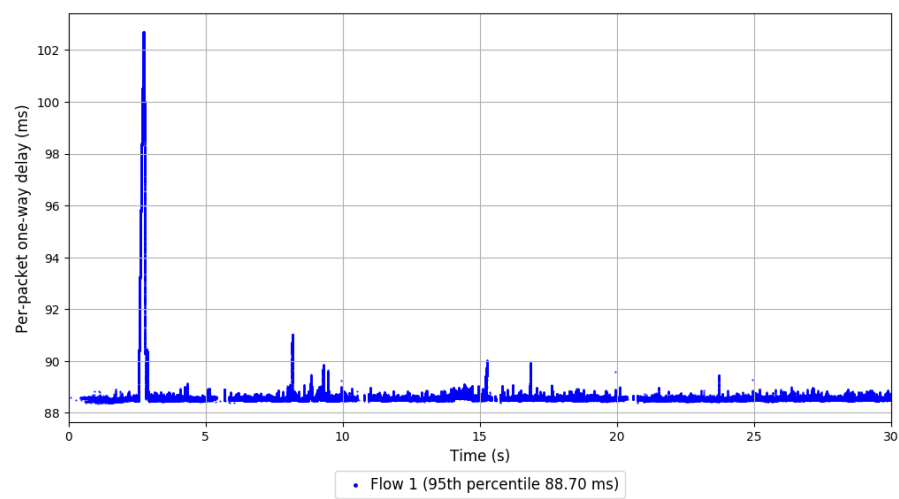
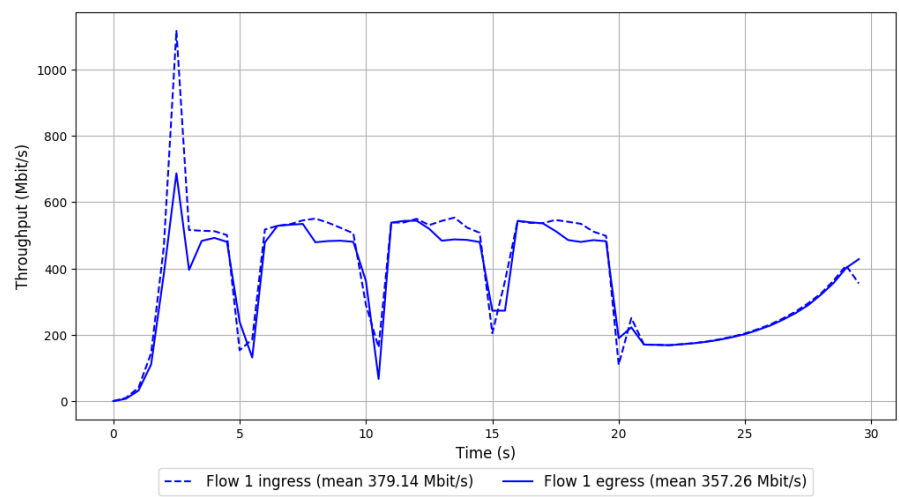
-- Flow 1:

Average throughput: 357.26 Mbit/s

95th percentile per-packet one-way delay: 88.704 ms

Loss rate: 5.78%

Run 2: Report of PCC — Data Link



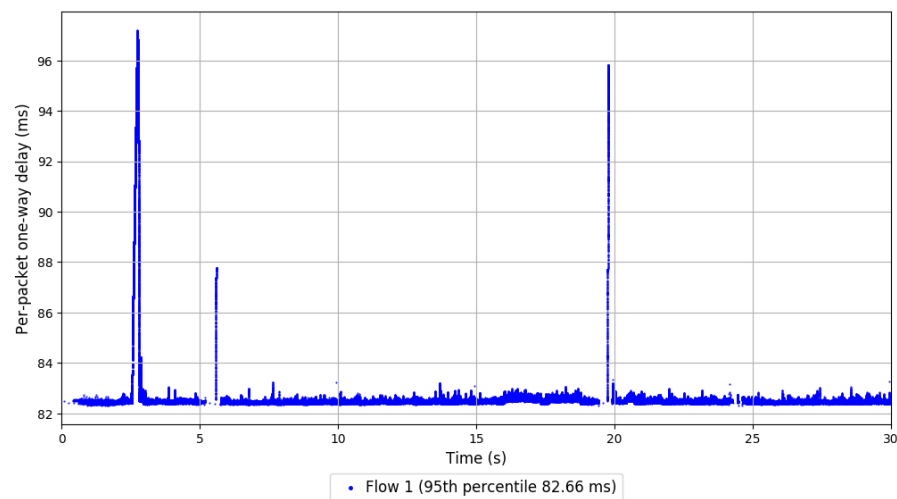
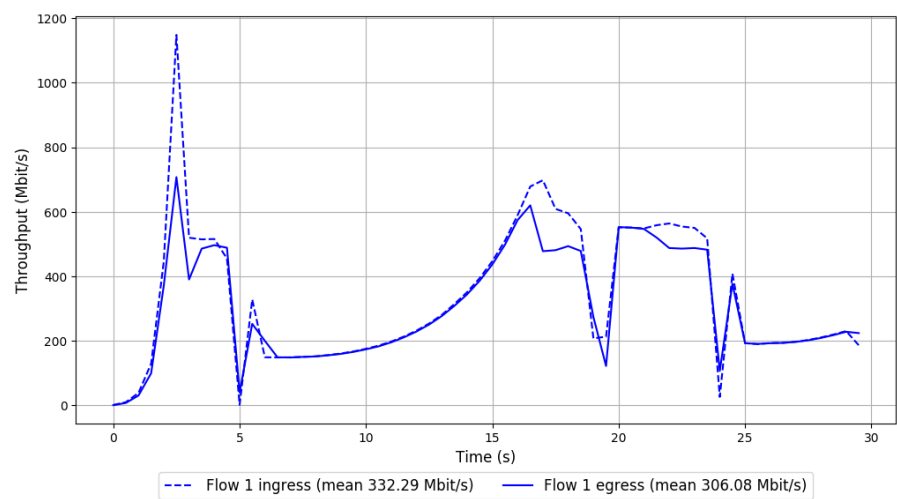
Run 3: Statistics of PCC

Start at: 2017-11-30 12:34:41  
End at: 2017-11-30 12:35:11  
Local clock offset: -0.11 ms  
Remote clock offset: -1.163 ms

# Below is generated by plot.py at 2017-11-30 15:26:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 306.08 Mbit/s  
95th percentile per-packet one-way delay: 82.662 ms  
Loss rate: 7.89%  
-- Flow 1:  
Average throughput: 306.08 Mbit/s  
95th percentile per-packet one-way delay: 82.662 ms  
Loss rate: 7.89%



Run 3: Report of PCC — Data Link

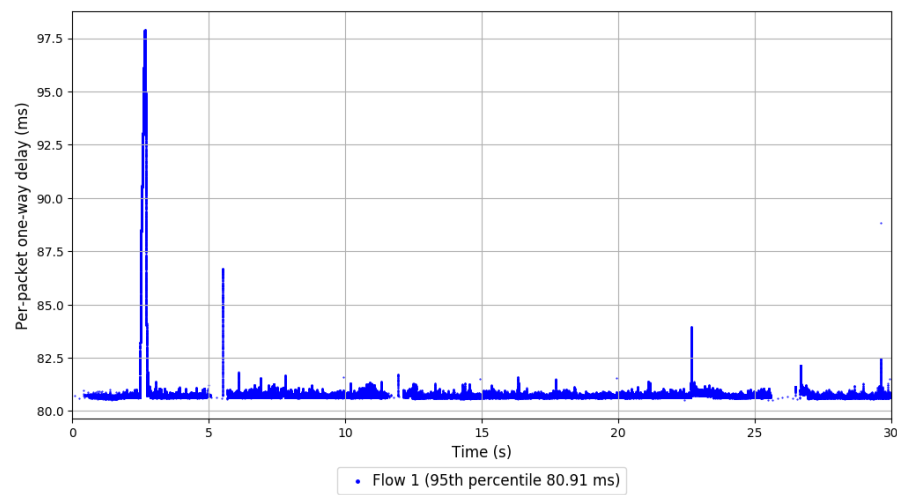
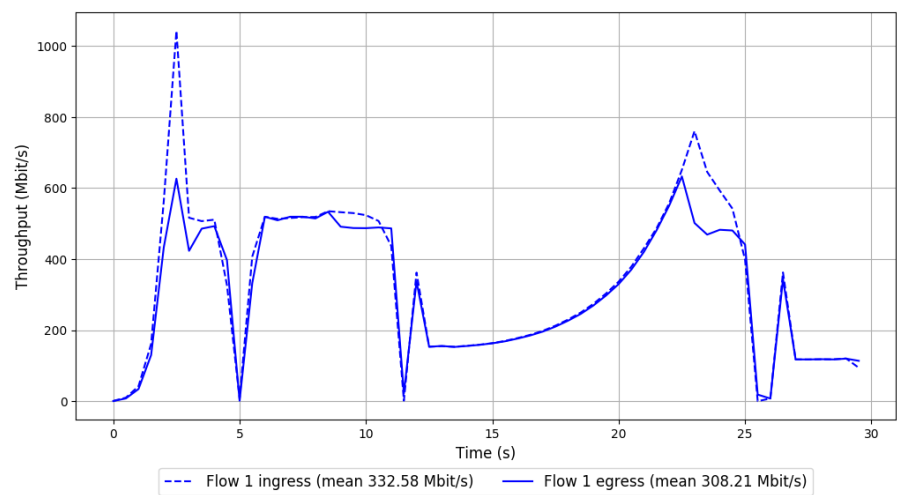


Run 4: Statistics of PCC

Start at: 2017-11-30 12:52:33  
End at: 2017-11-30 12:53:04  
Local clock offset: -0.262 ms  
Remote clock offset: -0.974 ms

# Below is generated by plot.py at 2017-11-30 15:26:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 308.21 Mbit/s  
95th percentile per-packet one-way delay: 80.914 ms  
Loss rate: 7.33%  
-- Flow 1:  
Average throughput: 308.21 Mbit/s  
95th percentile per-packet one-way delay: 80.914 ms  
Loss rate: 7.33%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-11-30 13:10:29

End at: 2017-11-30 13:10:59

Local clock offset: -0.259 ms

Remote clock offset: 4.963 ms

# Below is generated by plot.py at 2017-11-30 15:26:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 367.35 Mbit/s

95th percentile per-packet one-way delay: 88.043 ms

Loss rate: 6.11%

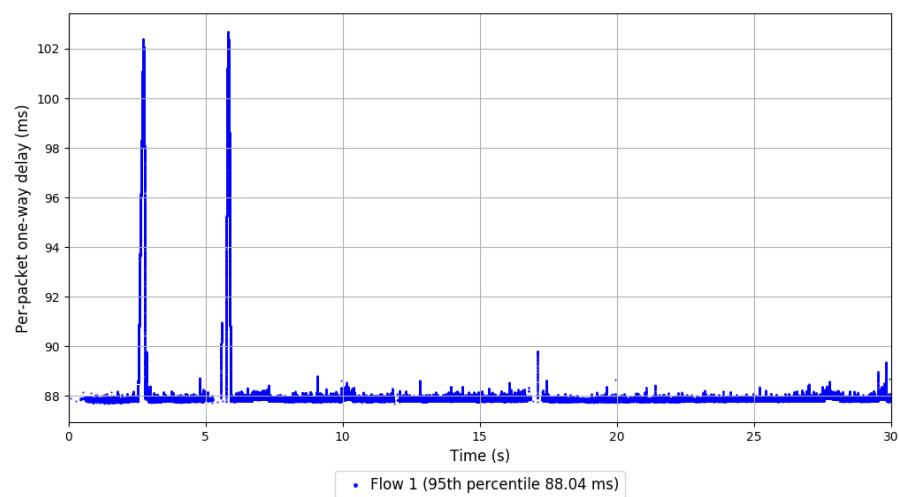
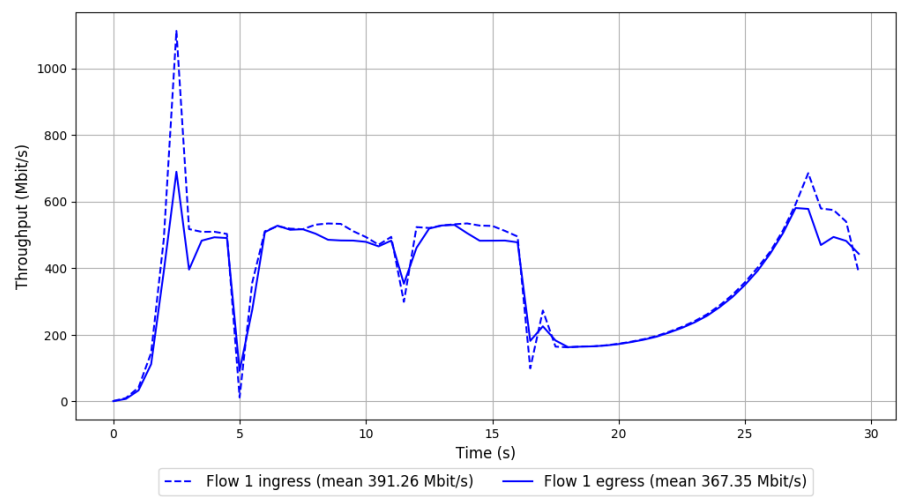
-- Flow 1:

Average throughput: 367.35 Mbit/s

95th percentile per-packet one-way delay: 88.043 ms

Loss rate: 6.11%

Run 5: Report of PCC — Data Link

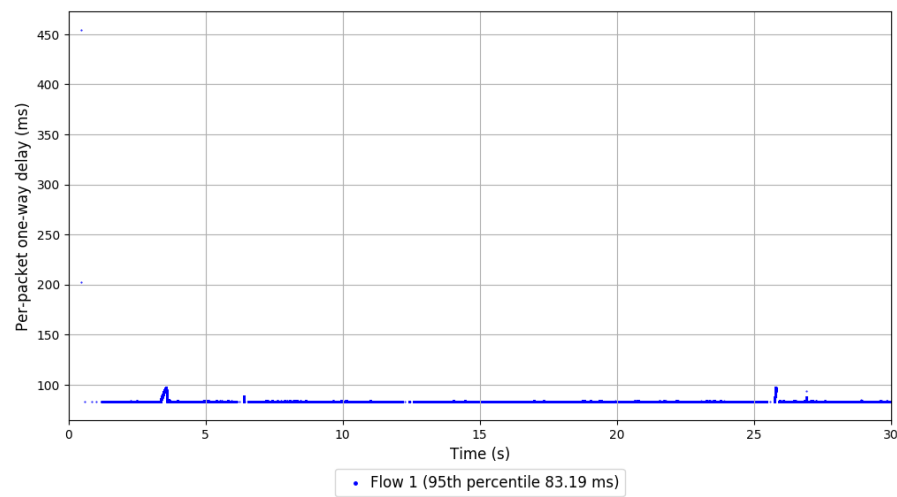
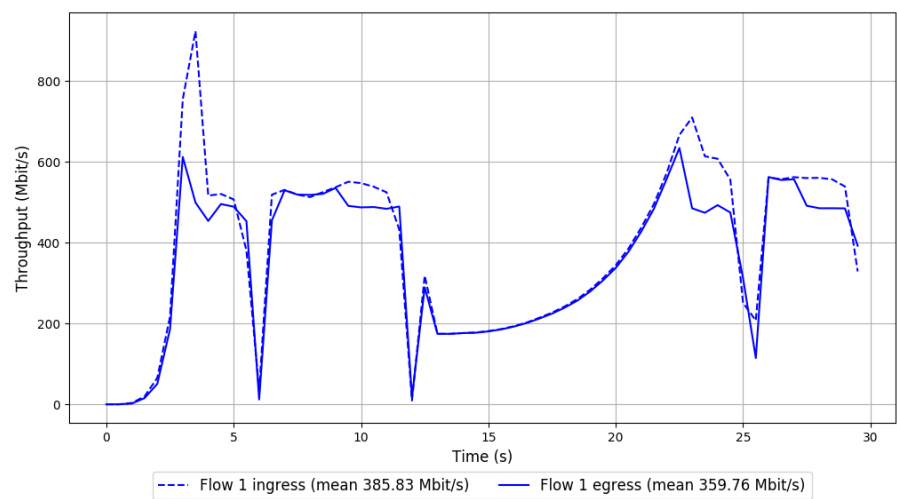


Run 6: Statistics of PCC

Start at: 2017-11-30 13:28:21  
End at: 2017-11-30 13:28:51  
Local clock offset: -0.251 ms  
Remote clock offset: -0.971 ms

# Below is generated by plot.py at 2017-11-30 15:26:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 359.76 Mbit/s  
95th percentile per-packet one-way delay: 83.189 ms  
Loss rate: 7.92%  
-- Flow 1:  
Average throughput: 359.76 Mbit/s  
95th percentile per-packet one-way delay: 83.189 ms  
Loss rate: 7.92%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-11-30 13:46:16

End at: 2017-11-30 13:46:46

Local clock offset: -0.24 ms

Remote clock offset: 4.542 ms

# Below is generated by plot.py at 2017-11-30 15:27:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 428.72 Mbit/s

95th percentile per-packet one-way delay: 87.651 ms

Loss rate: 7.19%

-- Flow 1:

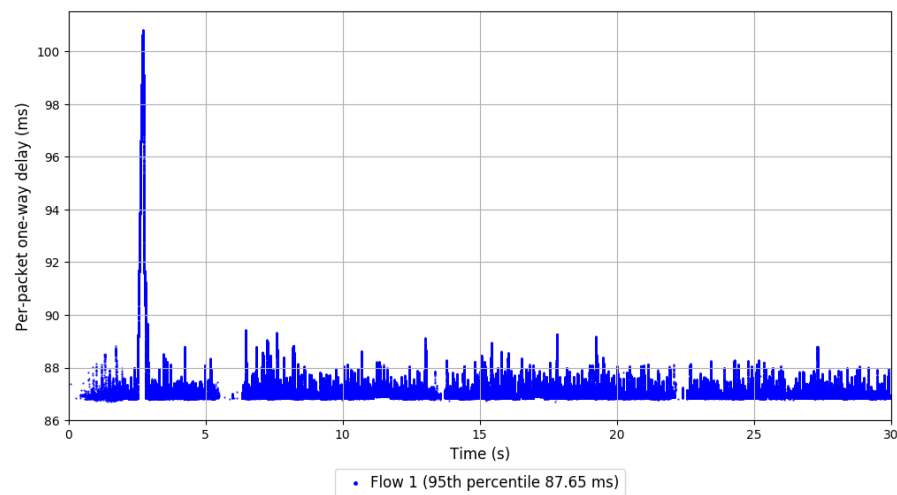
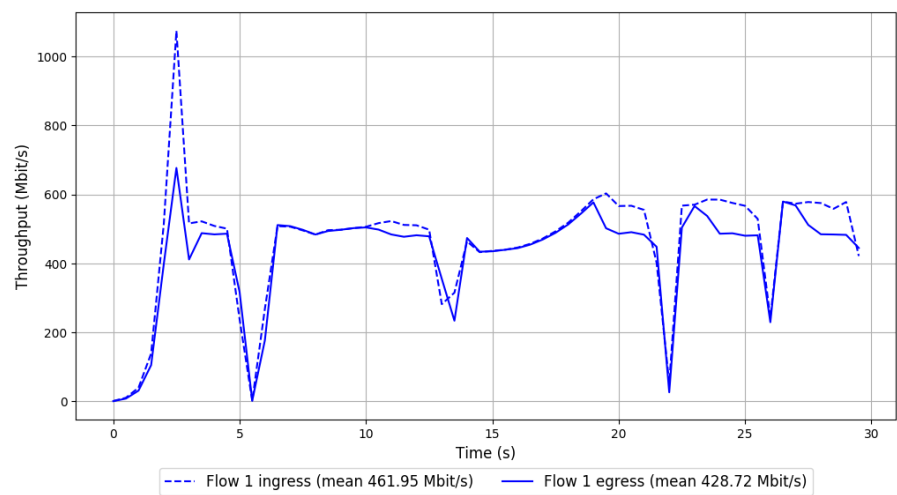
Average throughput: 428.72 Mbit/s

95th percentile per-packet one-way delay: 87.651 ms

Loss rate: 7.19%



Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-11-30 14:01:10

End at: 2017-11-30 14:01:40

Local clock offset: -0.227 ms

# Below is generated by plot.py at 2017-11-30 15:27:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 346.47 Mbit/s

95th percentile per-packet one-way delay: 83.005 ms

Loss rate: 7.85%

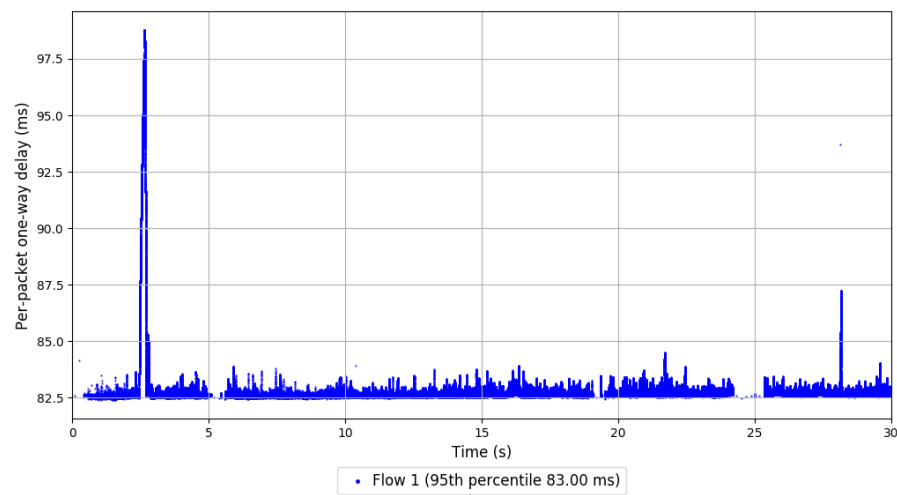
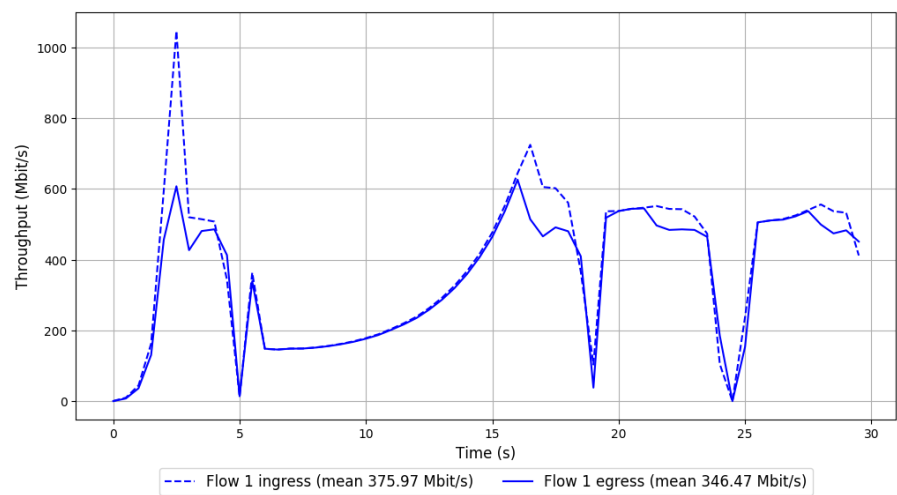
-- Flow 1:

Average throughput: 346.47 Mbit/s

95th percentile per-packet one-way delay: 83.005 ms

Loss rate: 7.85%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-11-30 14:15:35

End at: 2017-11-30 14:16:05

Local clock offset: -0.224 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 429.12 Mbit/s

95th percentile per-packet one-way delay: 86.772 ms

Loss rate: 4.51%

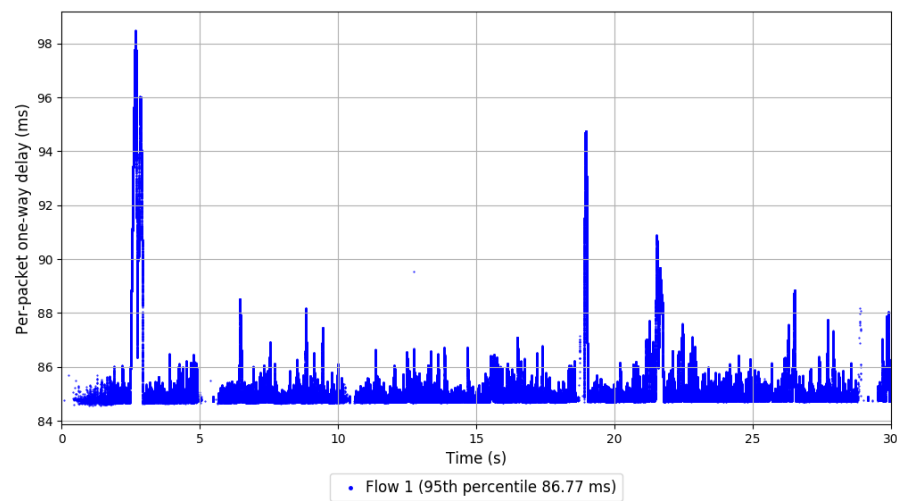
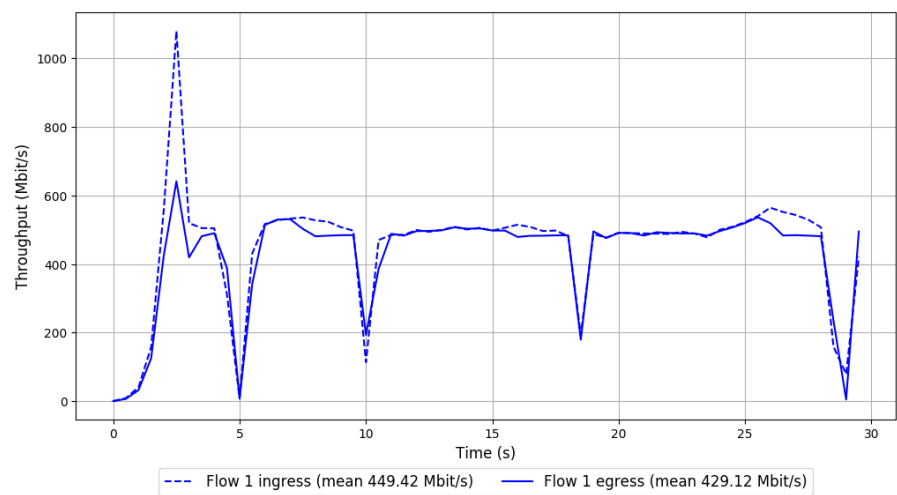
-- Flow 1:

Average throughput: 429.12 Mbit/s

95th percentile per-packet one-way delay: 86.772 ms

Loss rate: 4.51%

Run 9: Report of PCC — Data Link

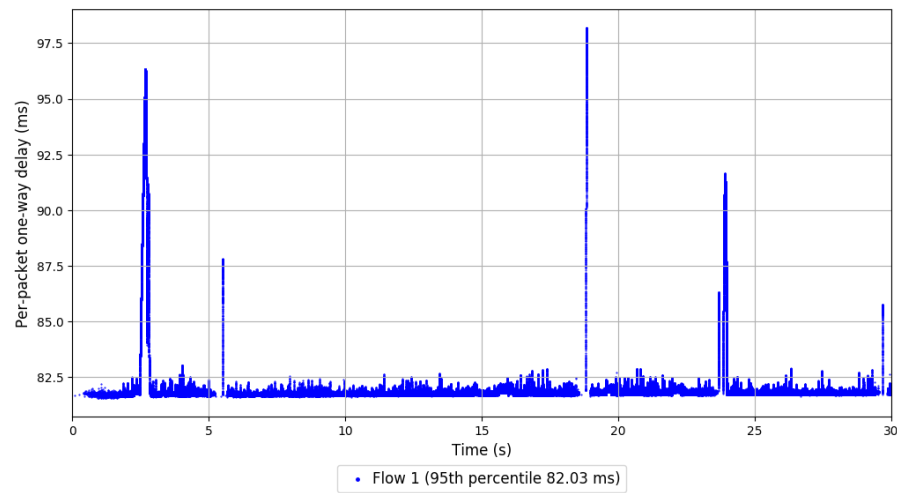
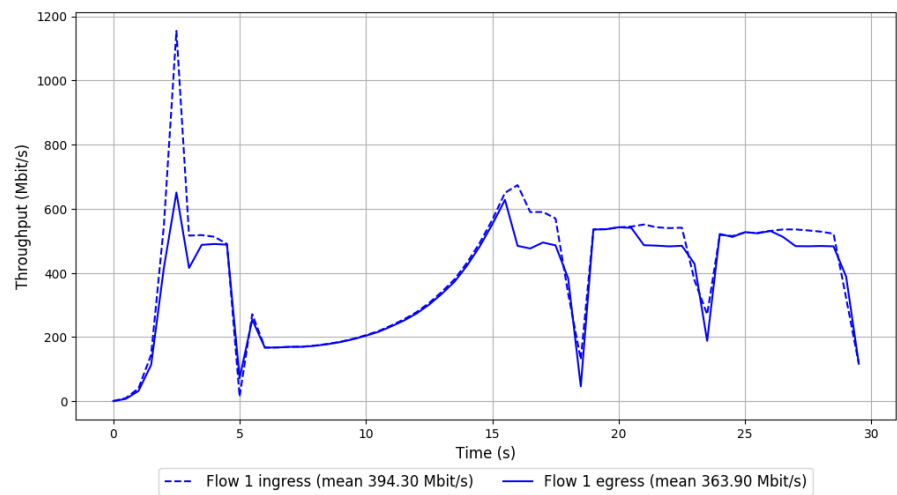


Run 10: Statistics of PCC

Start at: 2017-11-30 14:33:19  
End at: 2017-11-30 14:33:49  
Local clock offset: -0.205 ms  
Remote clock offset: -7.216 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 363.90 Mbit/s  
95th percentile per-packet one-way delay: 82.029 ms  
Loss rate: 7.71%  
-- Flow 1:  
Average throughput: 363.90 Mbit/s  
95th percentile per-packet one-way delay: 82.029 ms  
Loss rate: 7.71%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-11-30 11:54:55

End at: 2017-11-30 11:55:25

Local clock offset: 0.213 ms

Remote clock offset: 5.469 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.93 Mbit/s

95th percentile per-packet one-way delay: 86.716 ms

Loss rate: 0.00%

-- Flow 1:

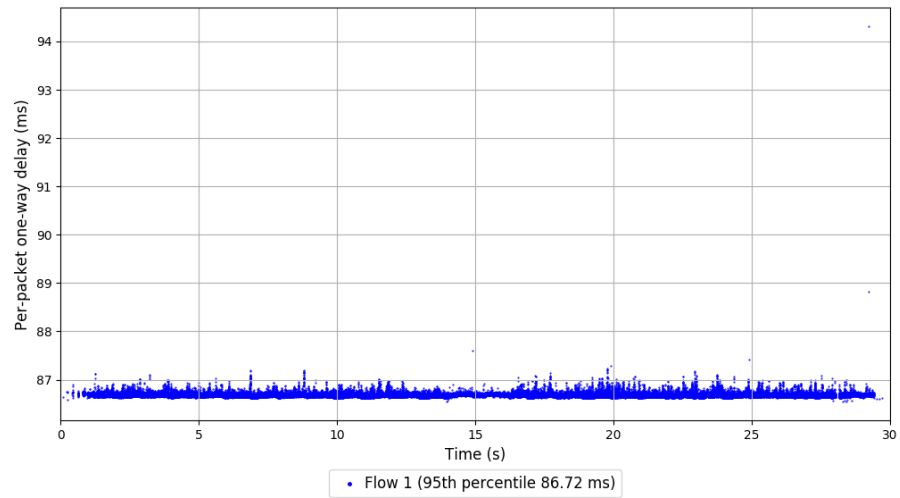
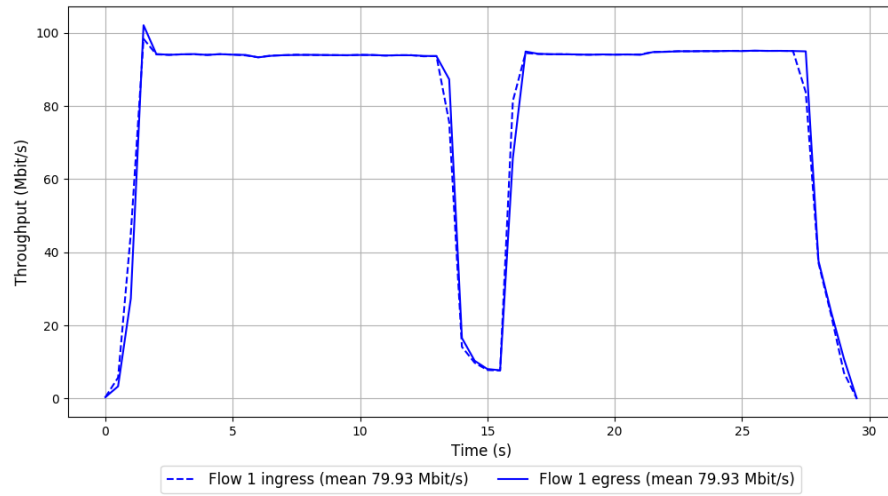
Average throughput: 79.93 Mbit/s

95th percentile per-packet one-way delay: 86.716 ms

Loss rate: 0.00%



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



Run 2: Statistics of QUIC Cubic

Start at: 2017-11-30 12:12:56

End at: 2017-11-30 12:13:26

Local clock offset: -0.001 ms

Remote clock offset: 3.746 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.40 Mbit/s

95th percentile per-packet one-way delay: 85.656 ms

Loss rate: 0.00%

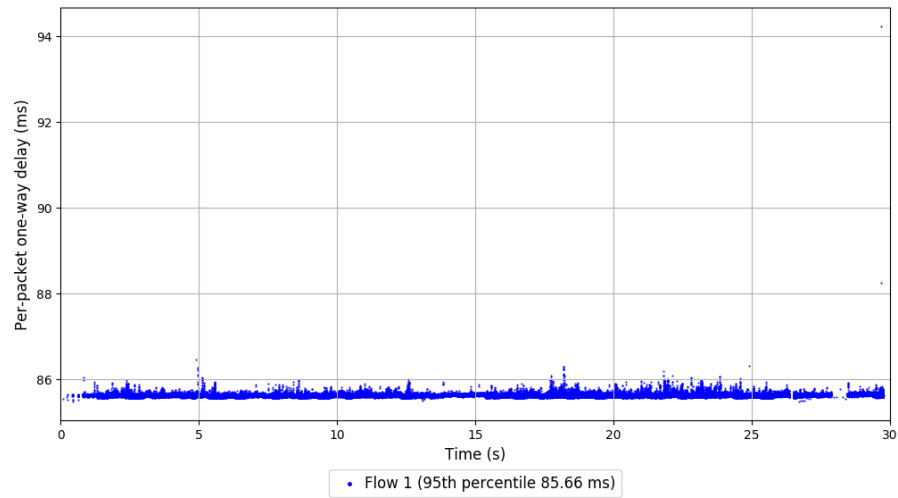
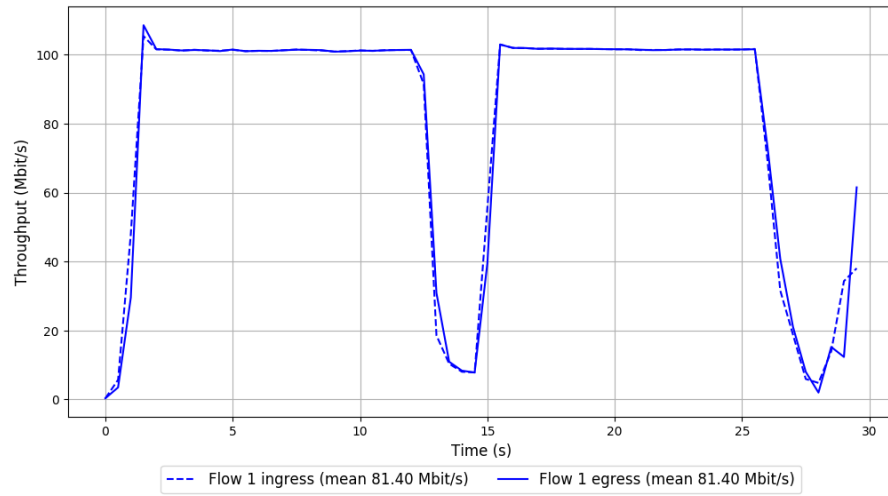
-- Flow 1:

Average throughput: 81.40 Mbit/s

95th percentile per-packet one-way delay: 85.656 ms

Loss rate: 0.00%

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



Run 3: Statistics of QUIC Cubic

Start at: 2017-11-30 12:30:54

End at: 2017-11-30 12:31:24

Local clock offset: -0.11 ms

Remote clock offset: -0.101 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.12 Mbit/s

95th percentile per-packet one-way delay: 81.917 ms

Loss rate: 0.00%

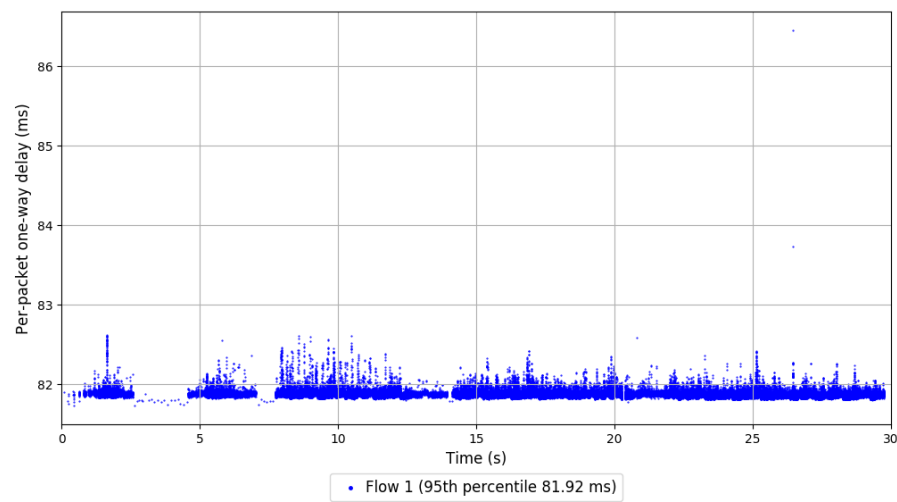
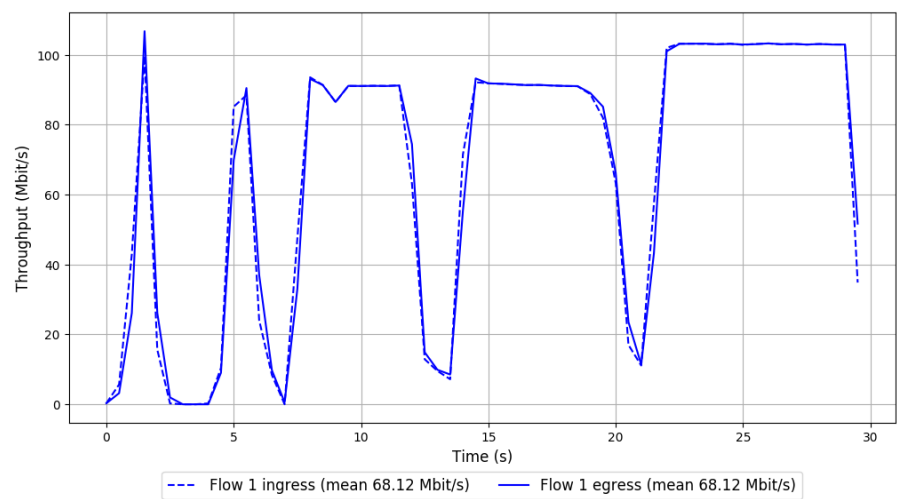
-- Flow 1:

Average throughput: 68.12 Mbit/s

95th percentile per-packet one-way delay: 81.917 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-11-30 12:48:47

End at: 2017-11-30 12:49:17

Local clock offset: -0.187 ms

Remote clock offset: -0.94 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.01 Mbit/s

95th percentile per-packet one-way delay: 82.649 ms

Loss rate: 0.00%

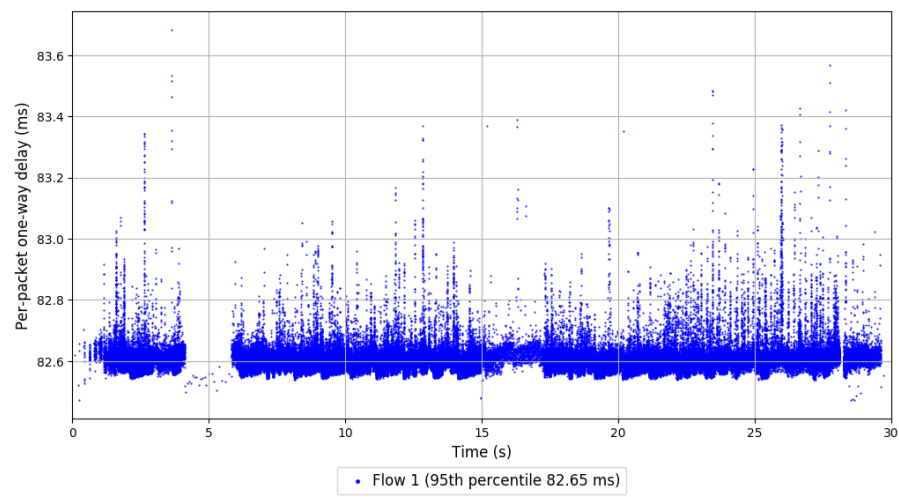
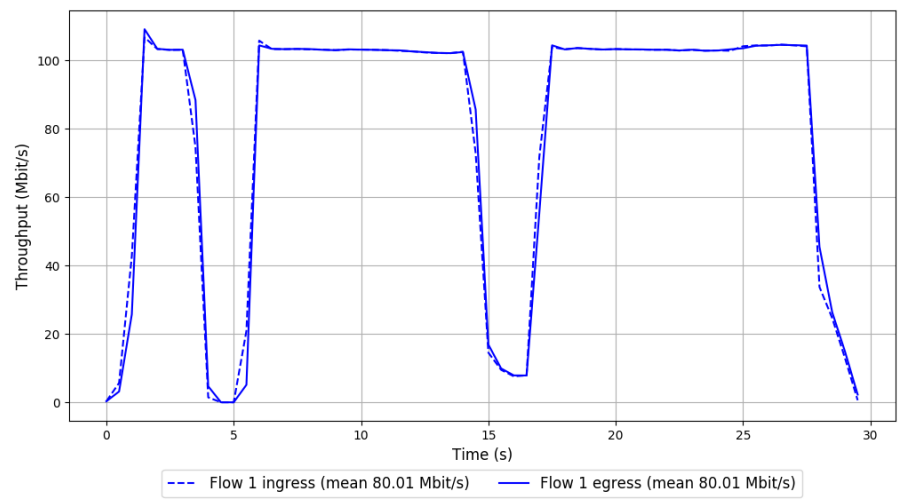
-- Flow 1:

Average throughput: 80.01 Mbit/s

95th percentile per-packet one-way delay: 82.649 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-11-30 13:06:42

End at: 2017-11-30 13:07:12

Local clock offset: -0.26 ms

Remote clock offset: 5.926 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.21 Mbit/s

95th percentile per-packet one-way delay: 88.698 ms

Loss rate: 0.00%

-- Flow 1:

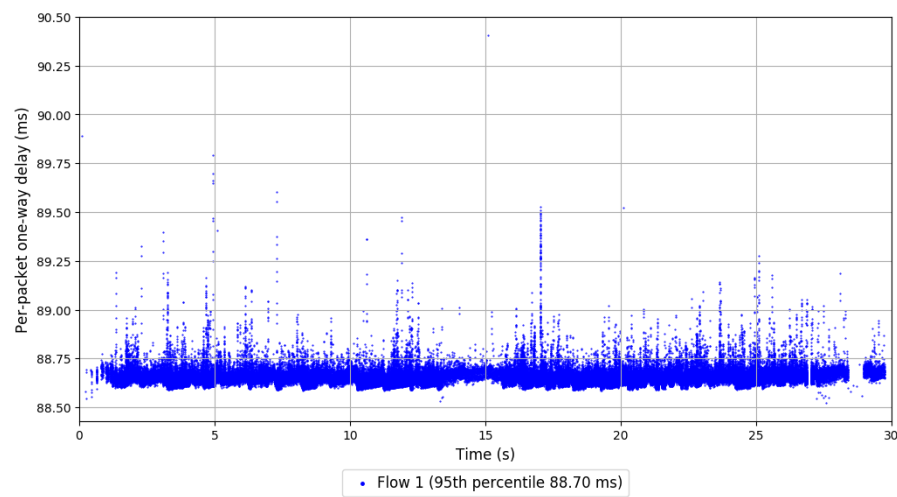
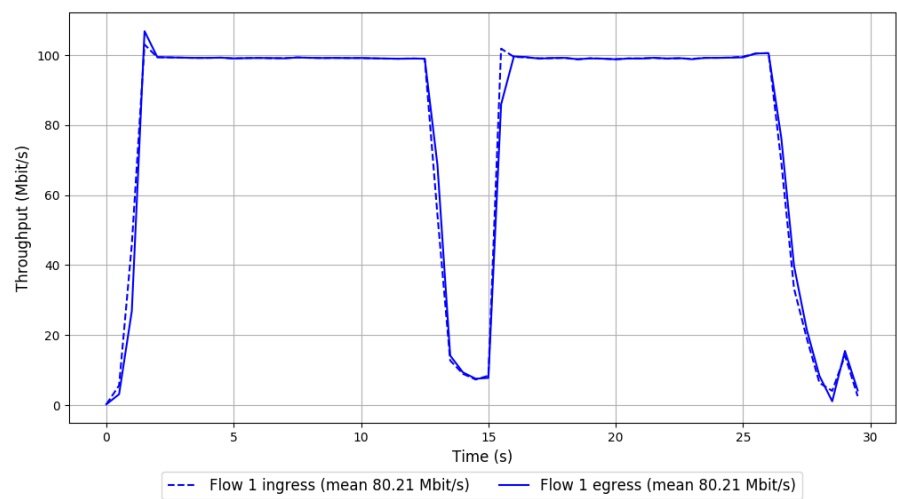
Average throughput: 80.21 Mbit/s

95th percentile per-packet one-way delay: 88.698 ms

Loss rate: 0.00%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-11-30 13:24:44

End at: 2017-11-30 13:25:14

Local clock offset: -0.252 ms

Remote clock offset: 3.134 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.56 Mbit/s

95th percentile per-packet one-way delay: 86.991 ms

Loss rate: 0.01%

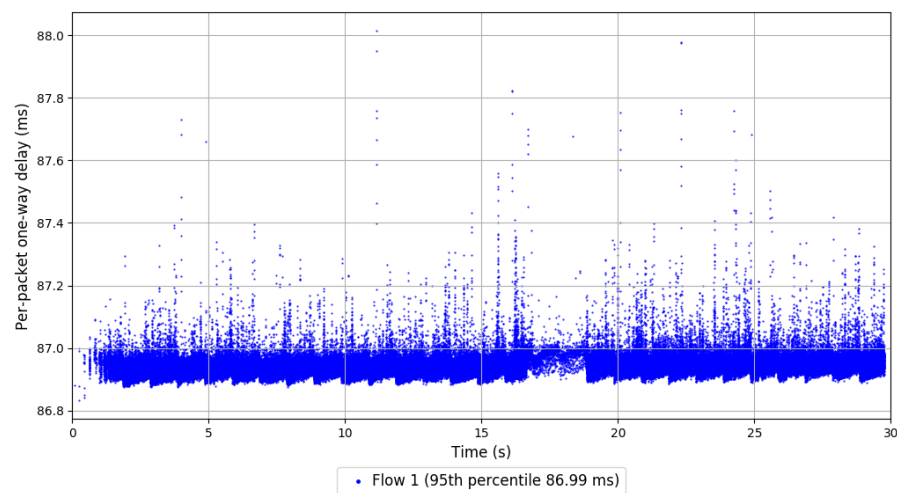
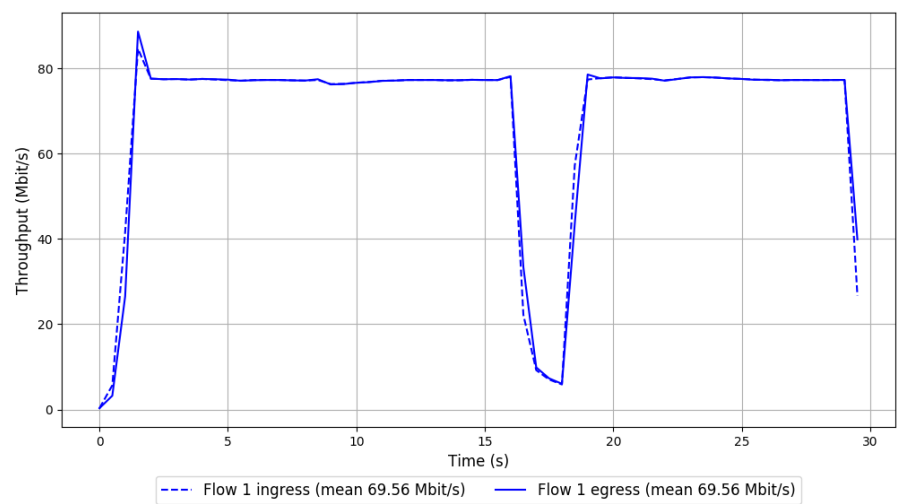
-- Flow 1:

Average throughput: 69.56 Mbit/s

95th percentile per-packet one-way delay: 86.991 ms

Loss rate: 0.01%

Run 6: Report of QUIC Cubic — Data Link

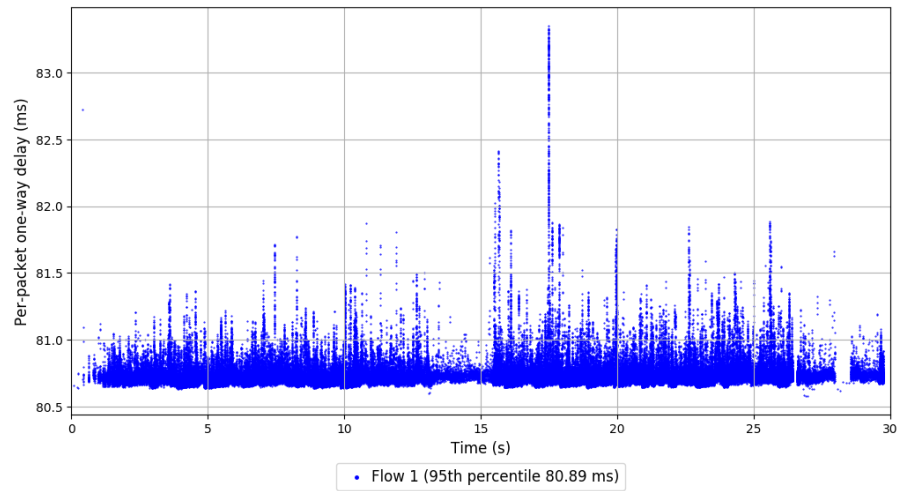
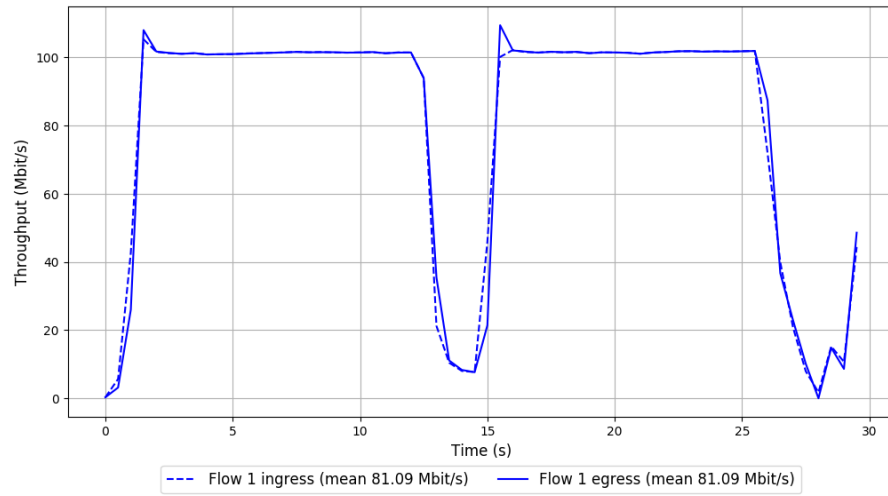


Run 7: Statistics of QUIC Cubic

Start at: 2017-11-30 13:42:30  
End at: 2017-11-30 13:43:00  
Local clock offset: -0.233 ms  
Remote clock offset: -1.792 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.09 Mbit/s  
95th percentile per-packet one-way delay: 80.892 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 81.09 Mbit/s  
95th percentile per-packet one-way delay: 80.892 ms  
Loss rate: 0.00%

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



Run 8: Statistics of QUIC Cubic

Start at: 2017-11-30 13:58:08

End at: 2017-11-30 13:58:38

Local clock offset: -0.218 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 82.985 ms

Loss rate: 0.00%

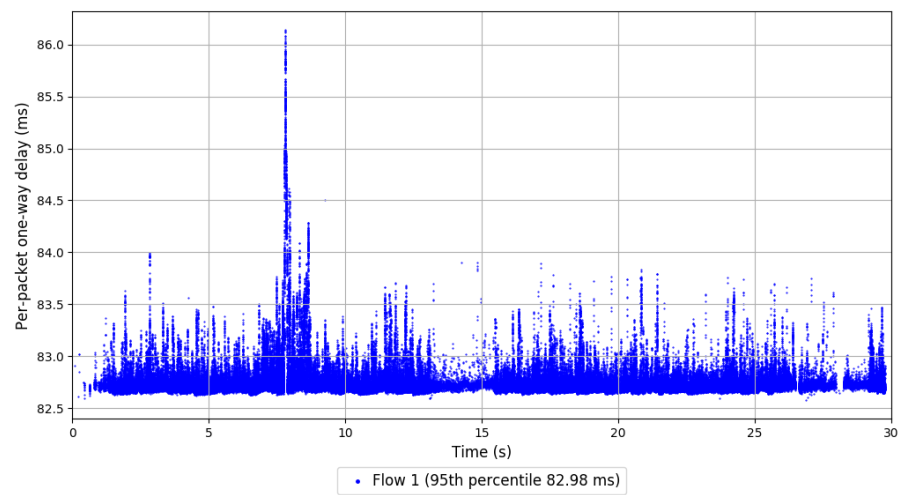
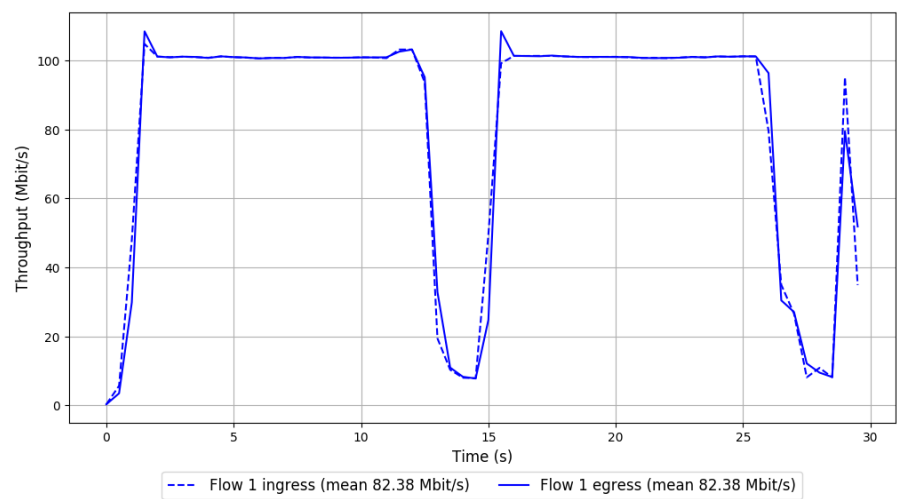
-- Flow 1:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 82.985 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-11-30 14:12:39

End at: 2017-11-30 14:13:09

Local clock offset: -0.267 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.74 Mbit/s

95th percentile per-packet one-way delay: 86.020 ms

Loss rate: 0.01%

-- Flow 1:

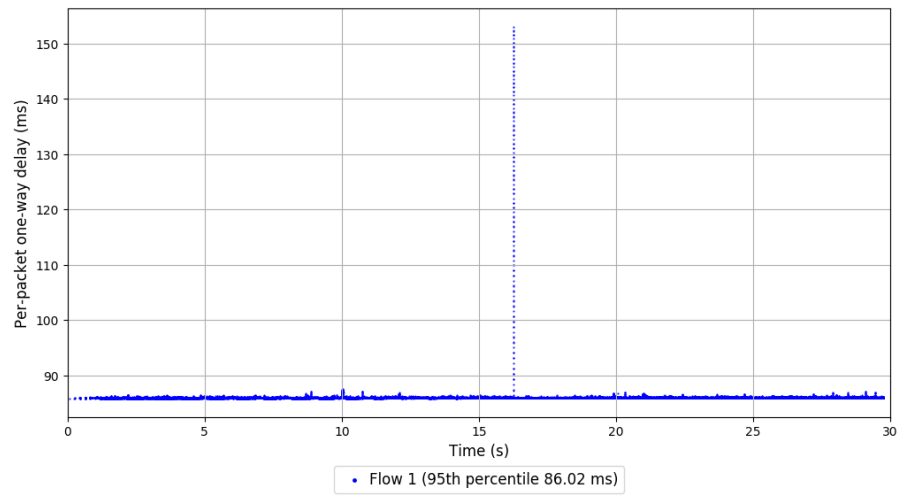
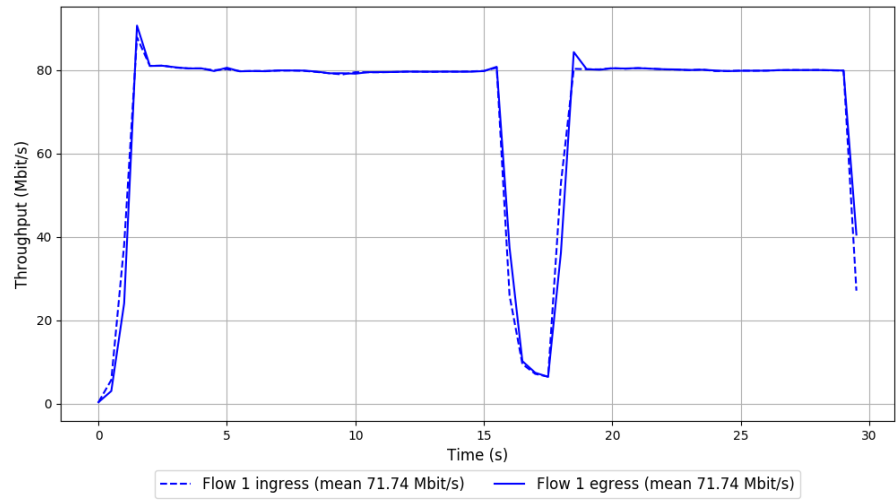
Average throughput: 71.74 Mbit/s

95th percentile per-packet one-way delay: 86.020 ms

Loss rate: 0.01%



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



Run 10: Statistics of QUIC Cubic

Start at: 2017-11-30 14:29:33

End at: 2017-11-30 14:30:03

Local clock offset: -0.202 ms

Remote clock offset: -6.603 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.45 Mbit/s

95th percentile per-packet one-way delay: 80.931 ms

Loss rate: 0.00%

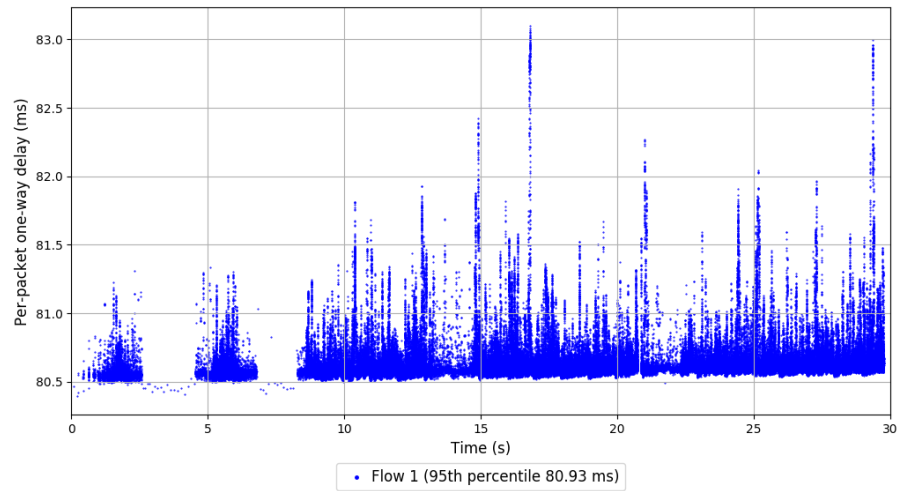
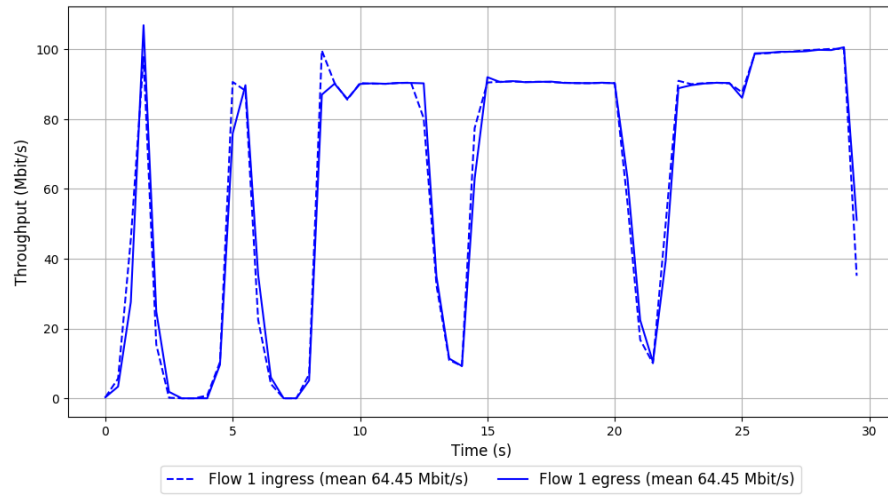
-- Flow 1:

Average throughput: 64.45 Mbit/s

95th percentile per-packet one-way delay: 80.931 ms

Loss rate: 0.00%

# Run 10: Report of QUIC Cubic — Data Link

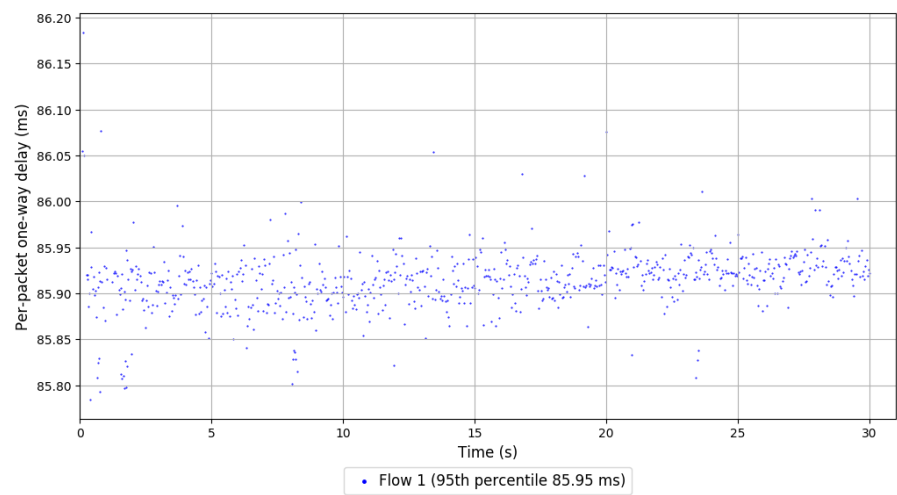
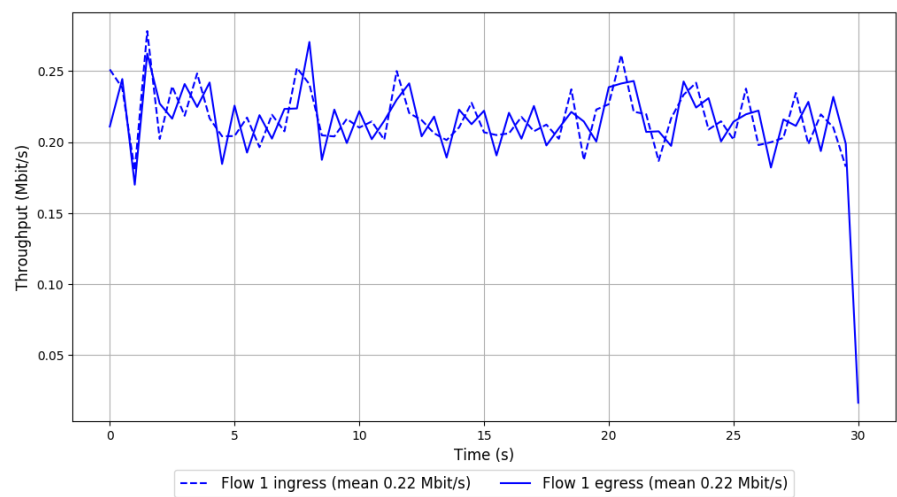


```
Run 1: Statistics of SCReAM

Start at: 2017-11-30 12:02:36
End at: 2017-11-30 12:03:06
Local clock offset: 0.141 ms
Remote clock offset: 4.512 ms

# Below is generated by plot.py at 2017-11-30 15:31:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.955 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

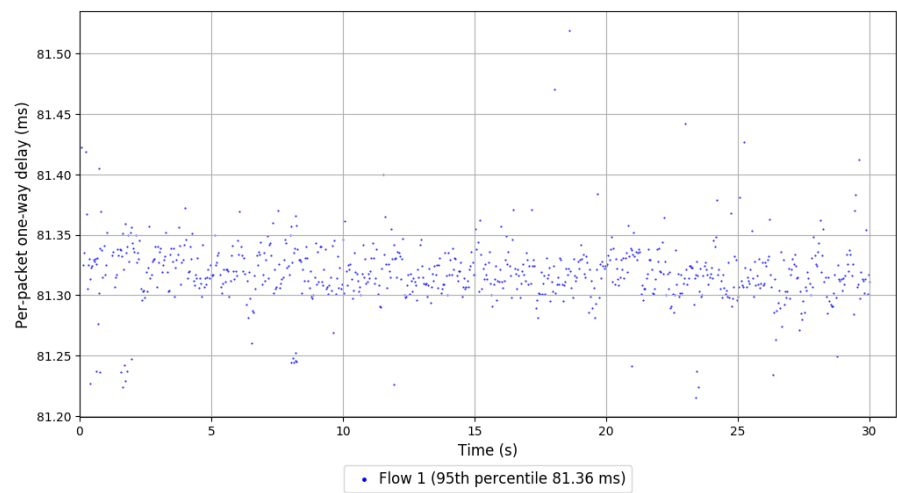
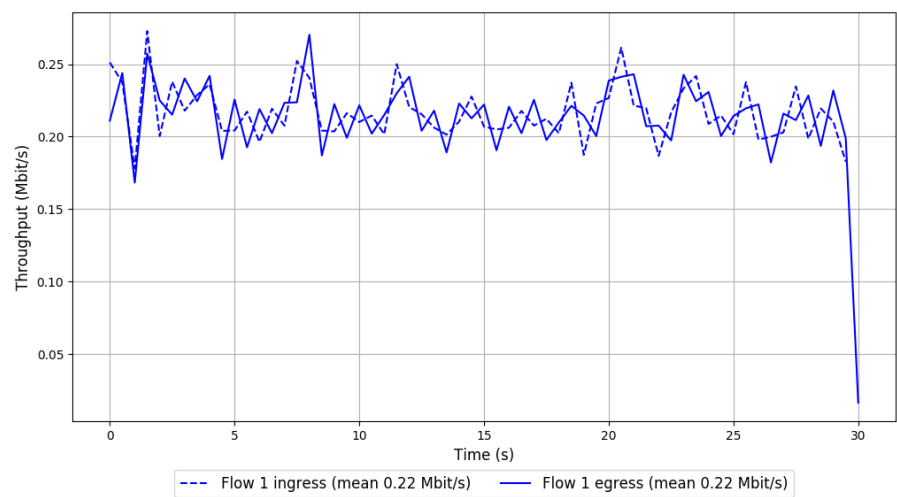


Run 2: Statistics of SCReAM

Start at: 2017-11-30 12:20:35  
End at: 2017-11-30 12:21:05  
Local clock offset: -0.036 ms  
Remote clock offset: -0.305 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 81.355 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 81.355 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-11-30 12:38:33

End at: 2017-11-30 12:39:03

Local clock offset: -0.115 ms

Remote clock offset: 4.462 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.398 ms

Loss rate: 0.00%

-- Flow 1:

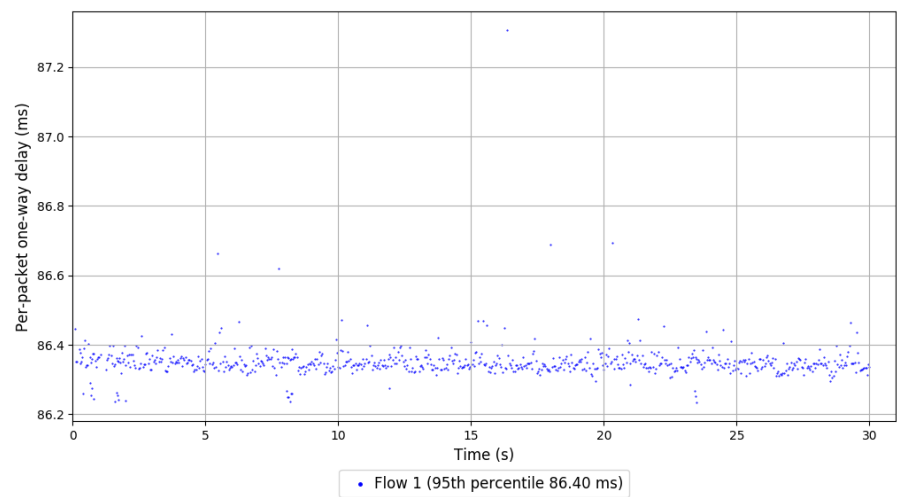
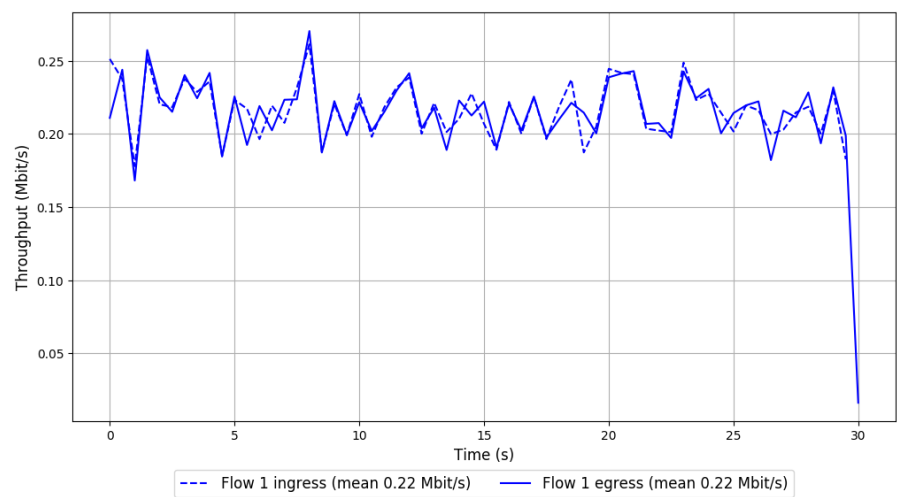
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.398 ms

Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

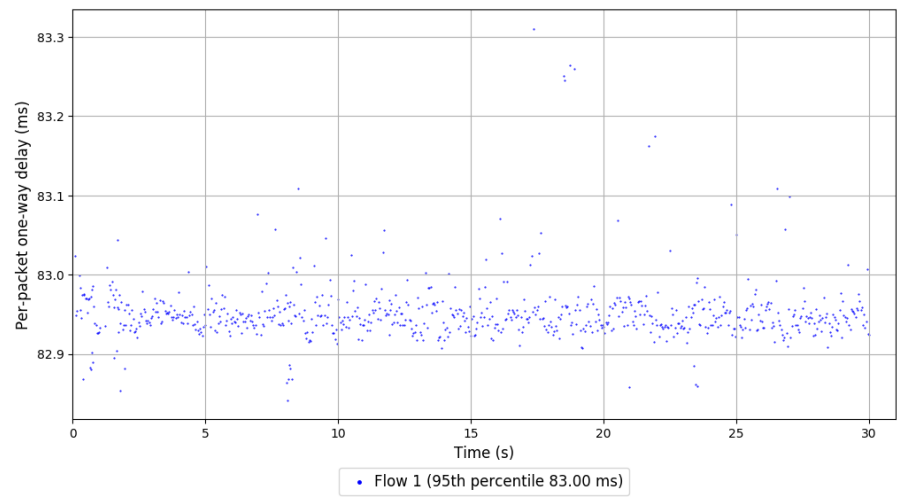
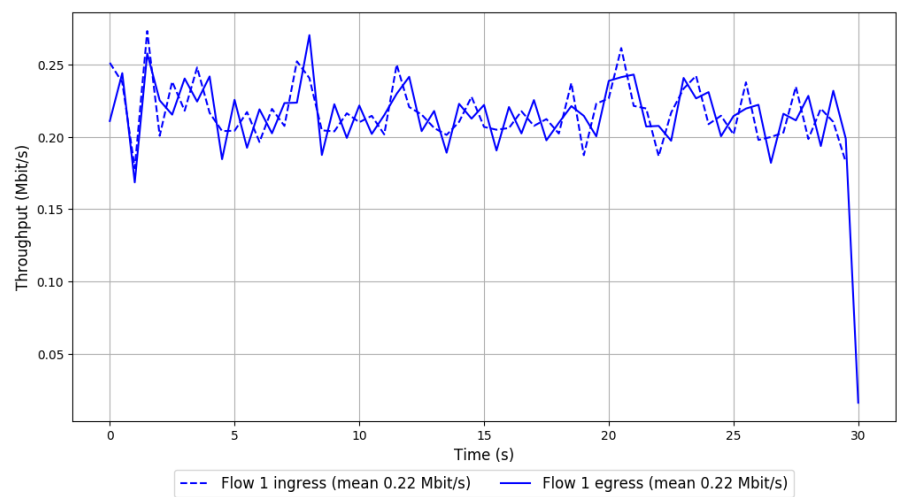


Run 4: Statistics of SReAM

Start at: 2017-11-30 12:56:29  
End at: 2017-11-30 12:56:59  
Local clock offset: -0.178 ms  
Remote clock offset: -0.186 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 83.003 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 83.003 ms  
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

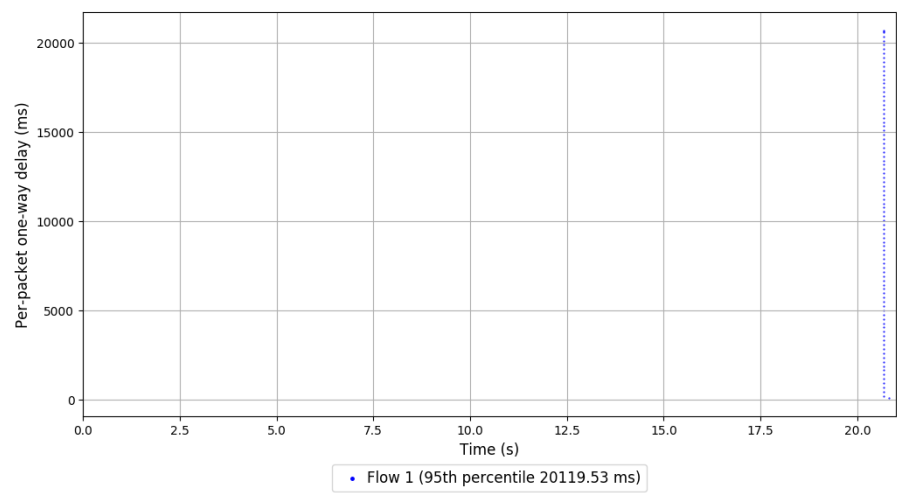
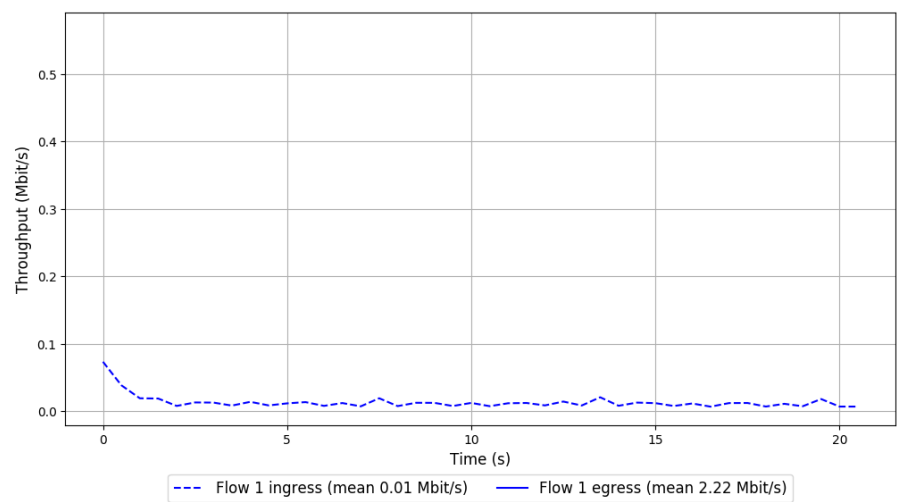
Start at: 2017-11-30 13:14:24

End at: 2017-11-30 13:14:54

Local clock offset: -0.274 ms

Remote clock offset: 4.333 ms

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-11-30 13:32:16

End at: 2017-11-30 13:32:46

Local clock offset: -0.239 ms

Remote clock offset: -1.54 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.514 ms

Loss rate: 0.00%

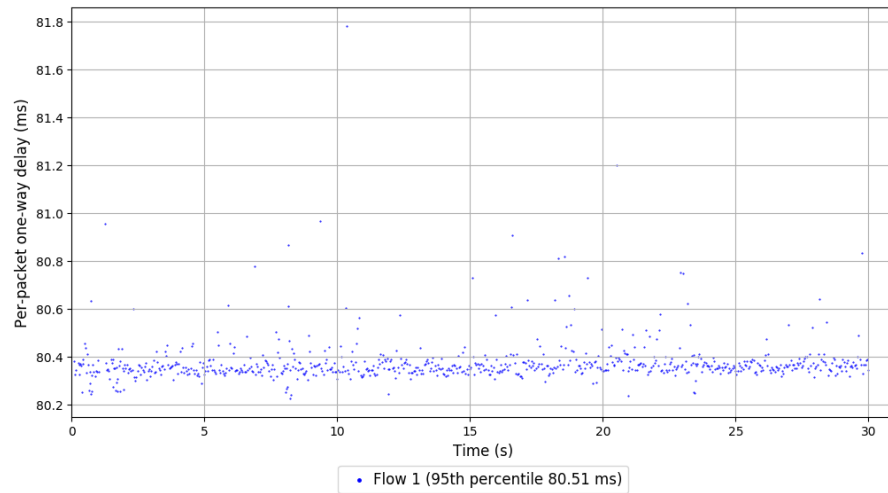
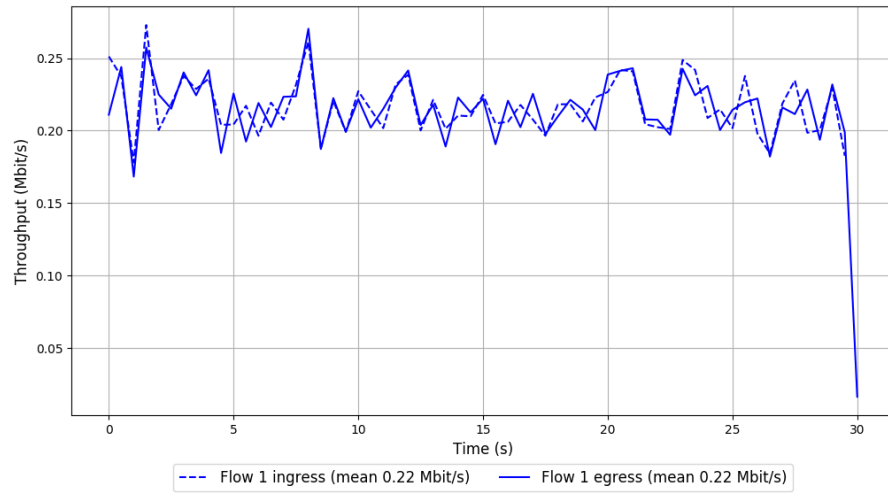
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.514 ms

Loss rate: 0.00%

## Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-11-30 13:49:44

End at: 2017-11-30 13:50:14

Local clock offset: -0.292 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.806 ms

Loss rate: 0.00%

-- Flow 1:

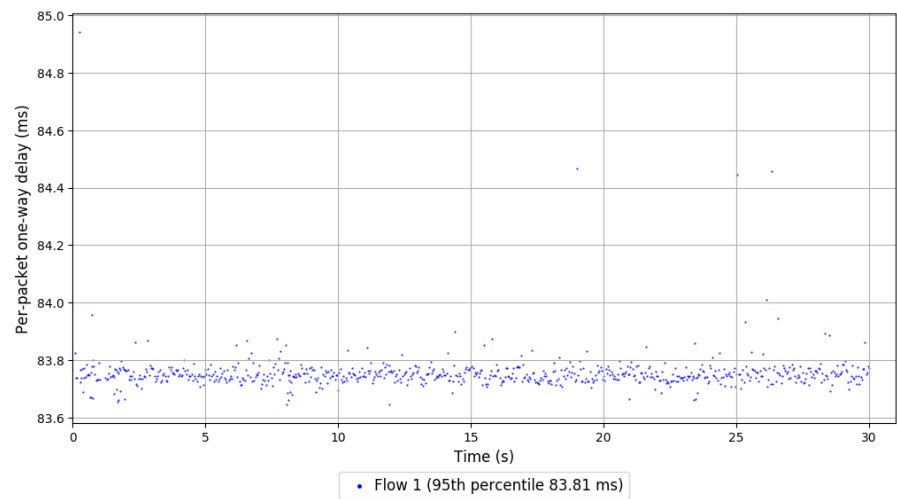
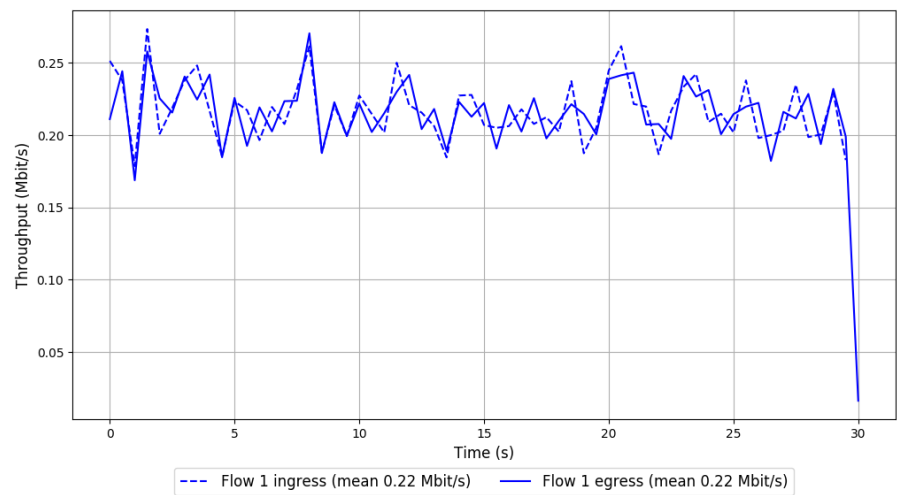
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.806 ms

Loss rate: 0.00%



Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-11-30 14:04:20

End at: 2017-11-30 14:04:50

Local clock offset: -0.213 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.138 ms

Loss rate: 0.00%

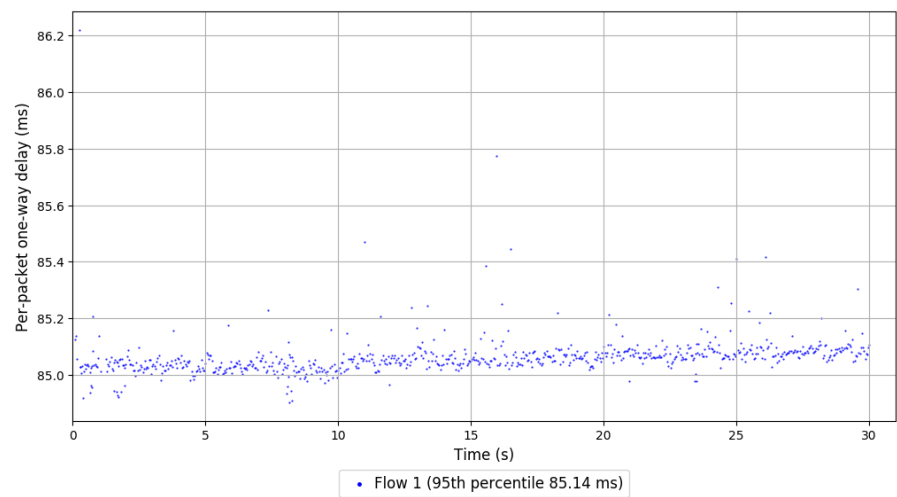
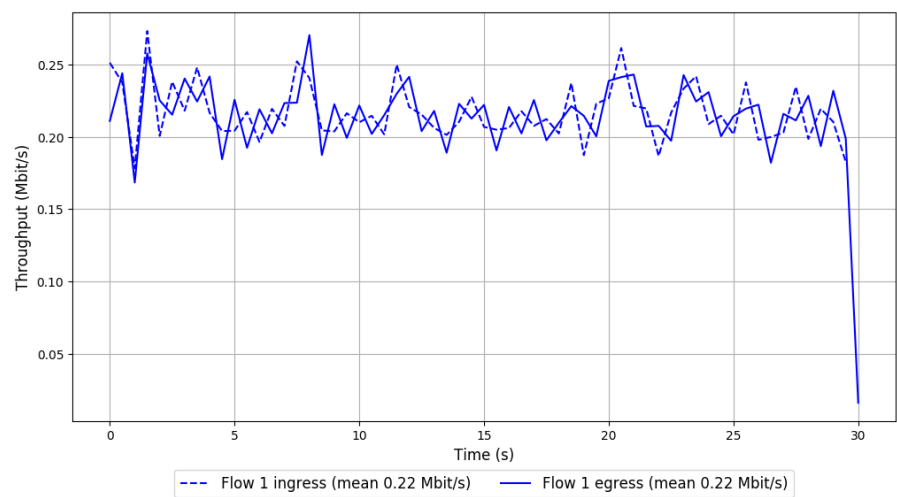
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.138 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

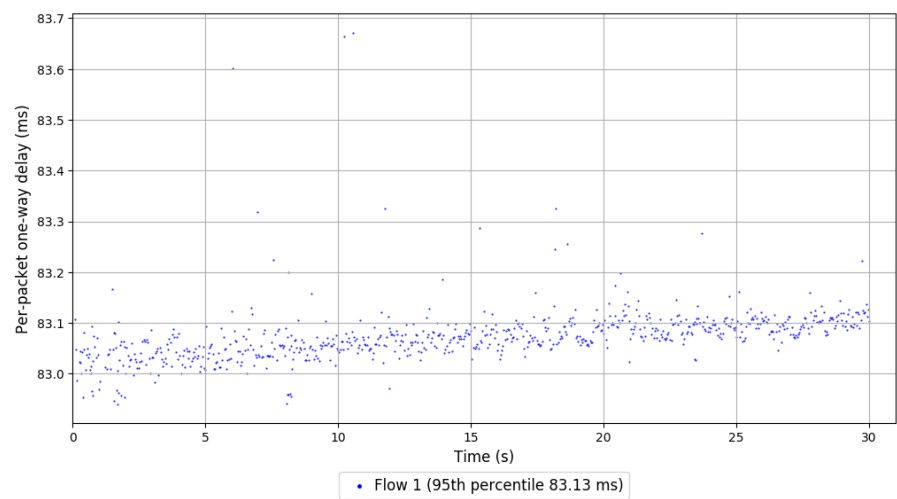
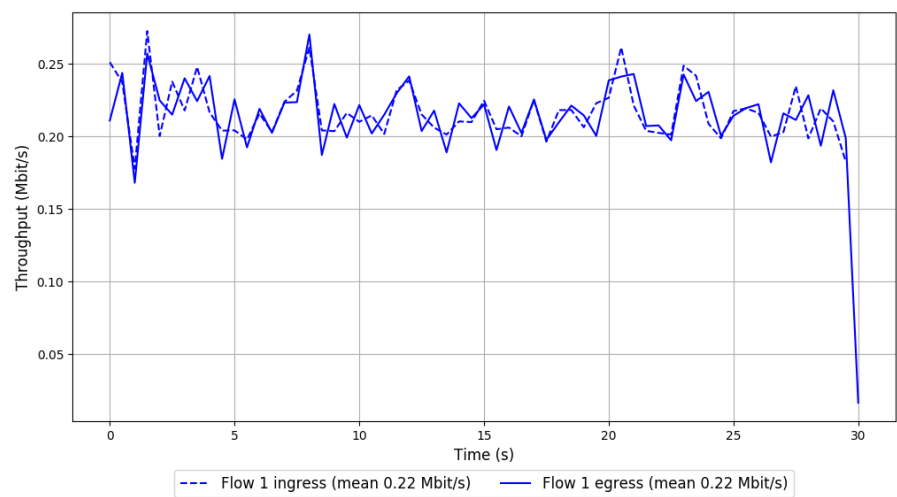


Run 9: Statistics of SCReAM

Start at: 2017-11-30 14:19:17  
End at: 2017-11-30 14:19:47  
Local clock offset: -0.282 ms  
Remote clock offset: -4.687 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 83.126 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 83.126 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

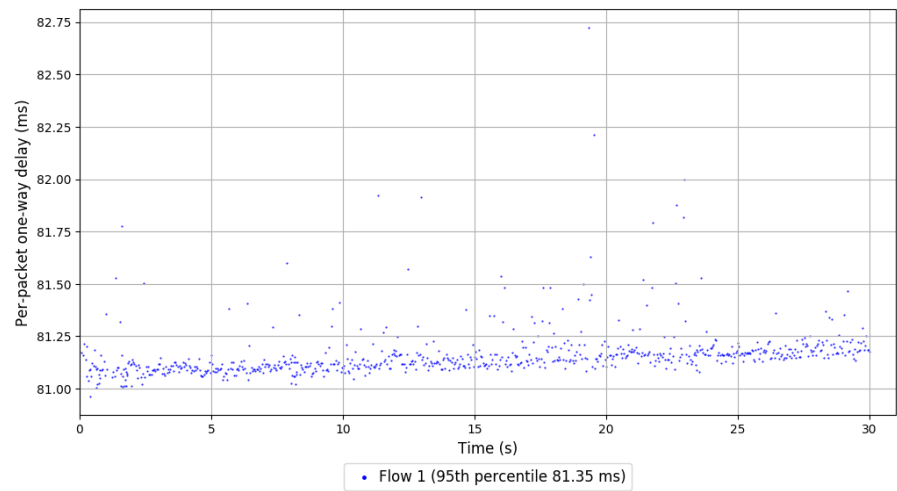
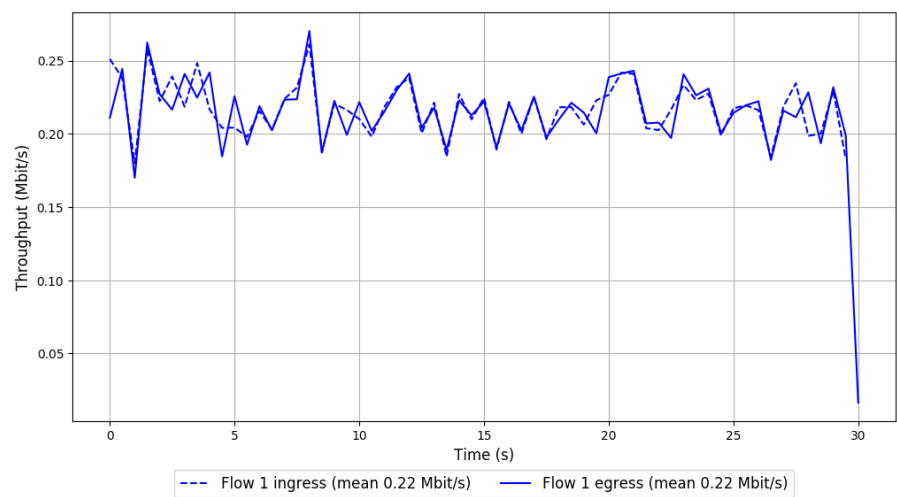


Run 10: Statistics of SReAM

Start at: 2017-11-30 14:37:13  
End at: 2017-11-30 14:37:43  
Local clock offset: -0.206 ms  
Remote clock offset: -7.393 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 81.353 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 81.353 ms  
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



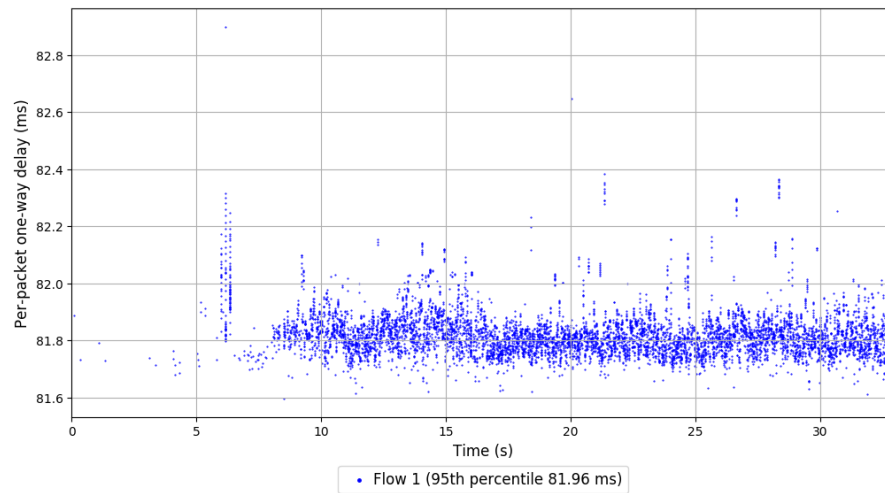
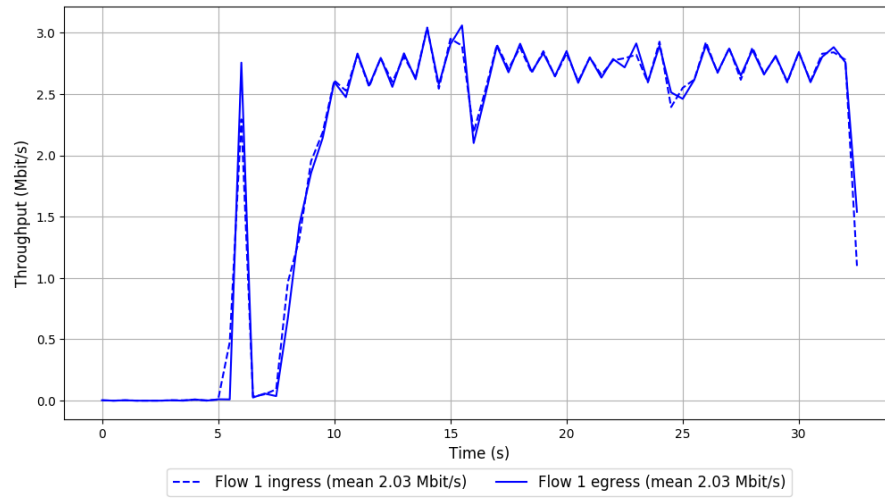
Run 1: Statistics of WebRTC media

Start at: 2017-11-30 11:52:31  
End at: 2017-11-30 11:53:01  
Local clock offset: 0.232 ms  
Remote clock offset: -1.418 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.03 Mbit/s  
95th percentile per-packet one-way delay: 81.959 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.03 Mbit/s  
95th percentile per-packet one-way delay: 81.959 ms  
Loss rate: 0.00%



### Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-11-30 12:10:32

End at: 2017-11-30 12:11:02

Local clock offset: 0.042 ms

Remote clock offset: 4.263 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 88.063 ms

Loss rate: 0.00%

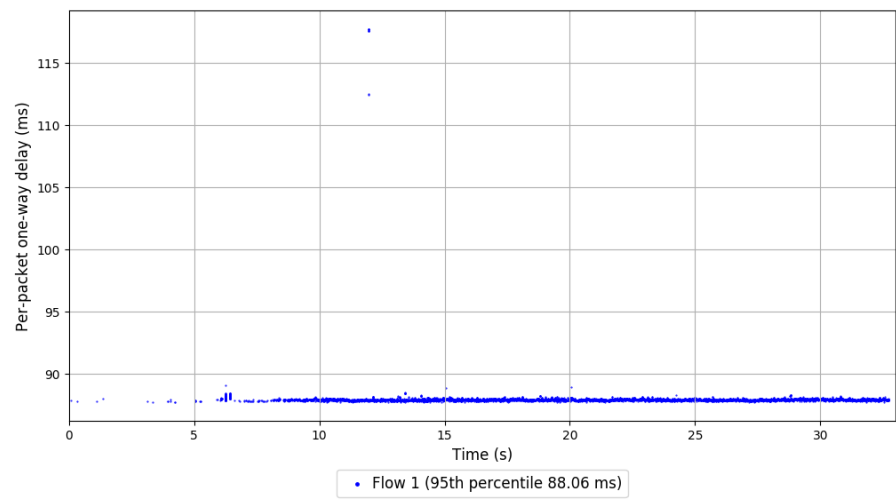
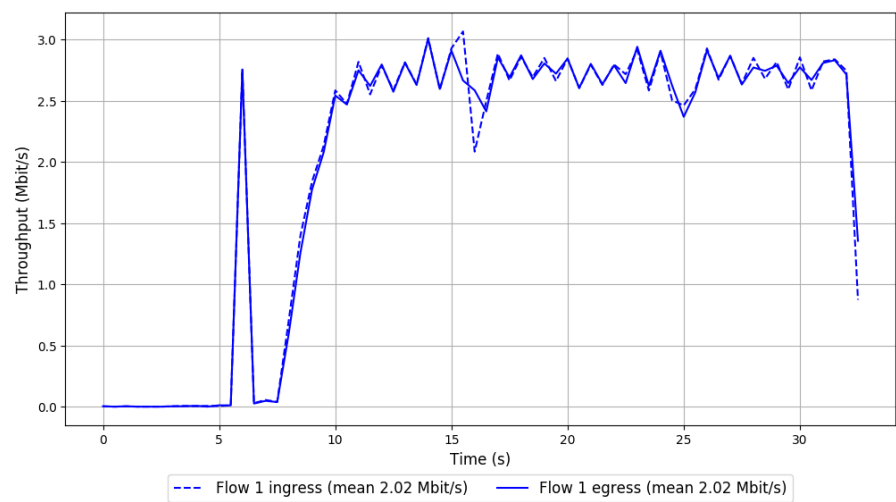
-- Flow 1:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 88.063 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

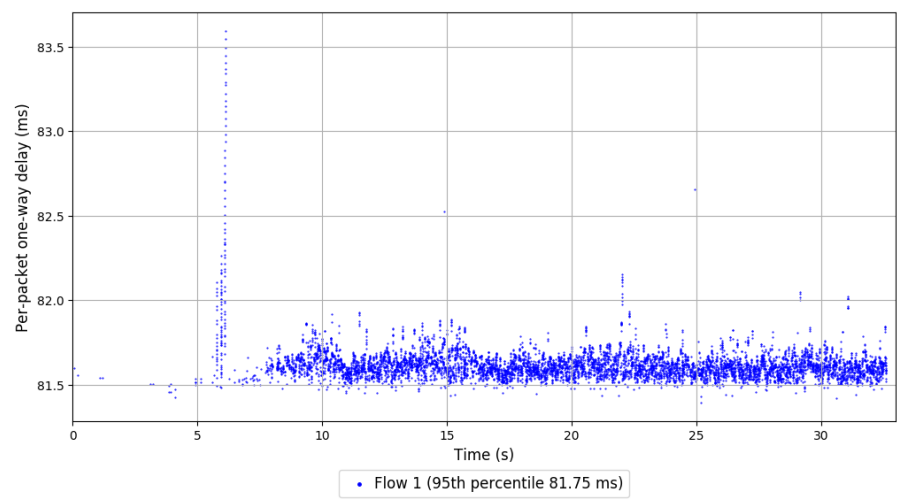
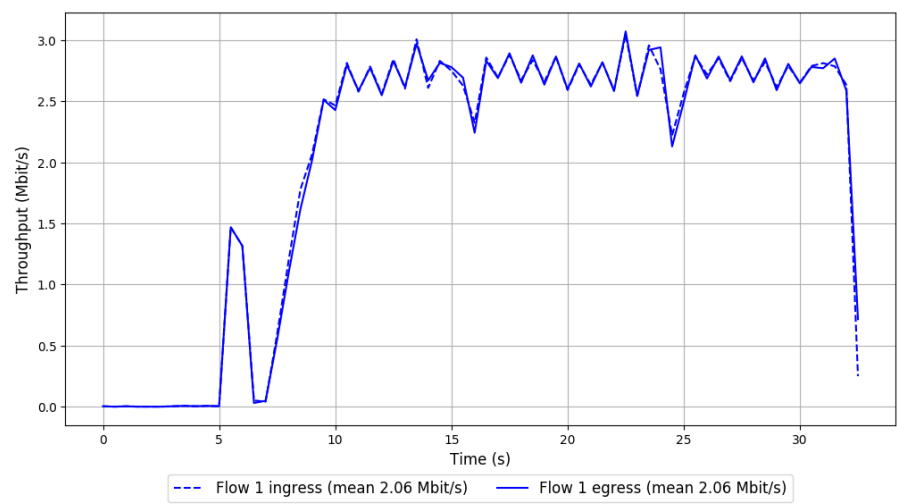


Run 3: Statistics of WebRTC media

Start at: 2017-11-30 12:28:30  
End at: 2017-11-30 12:29:00  
Local clock offset: -0.07 ms  
Remote clock offset: -0.357 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.06 Mbit/s  
95th percentile per-packet one-way delay: 81.747 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.06 Mbit/s  
95th percentile per-packet one-way delay: 81.747 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

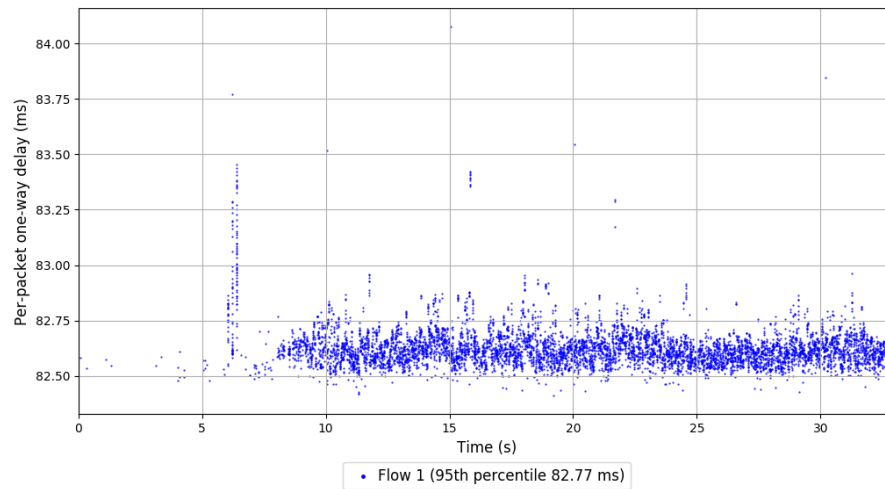
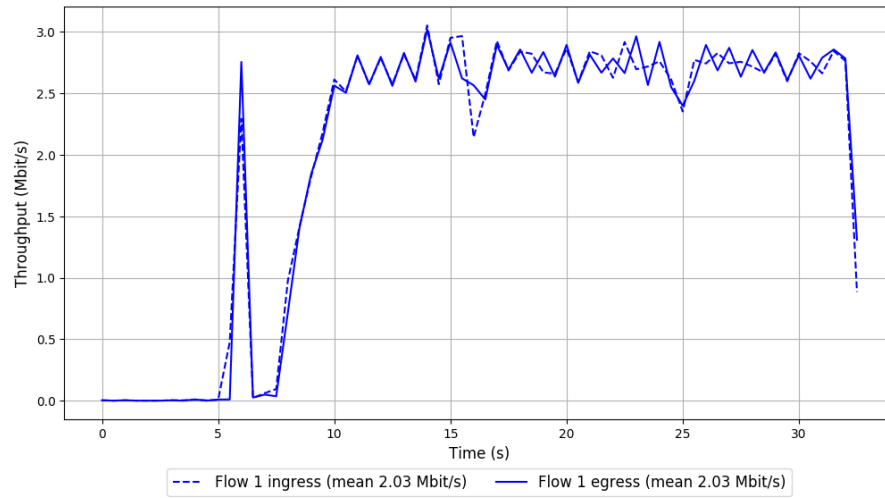


Run 4: Statistics of WebRTC media

Start at: 2017-11-30 12:46:22  
End at: 2017-11-30 12:46:52  
Local clock offset: -0.145 ms  
Remote clock offset: -0.457 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.03 Mbit/s  
95th percentile per-packet one-way delay: 82.767 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.03 Mbit/s  
95th percentile per-packet one-way delay: 82.767 ms  
Loss rate: 0.00%

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



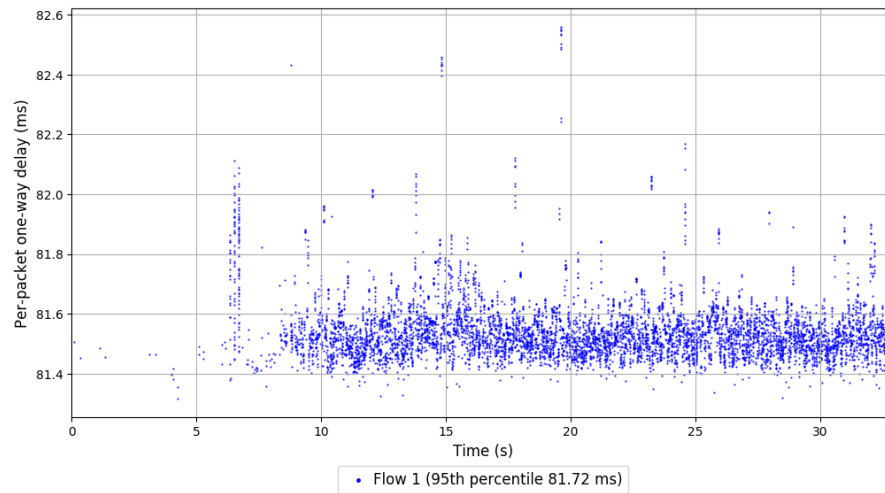
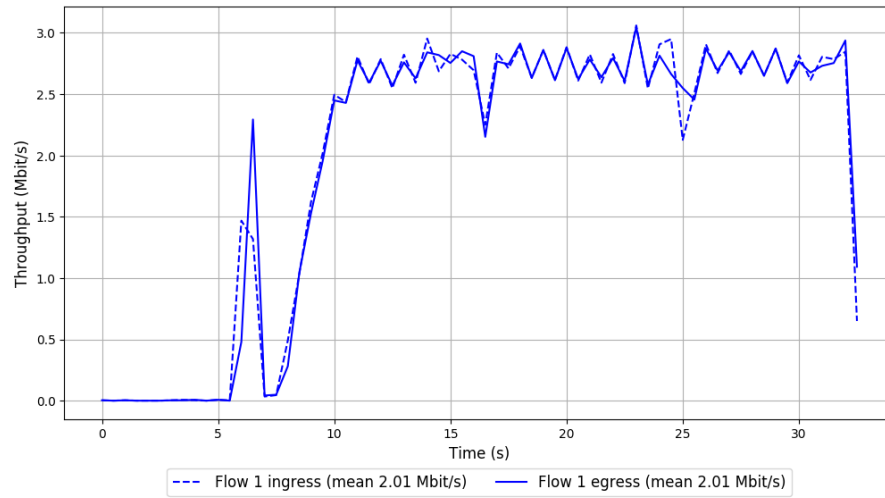
Run 5: Statistics of WebRTC media

Start at: 2017-11-30 13:04:18  
End at: 2017-11-30 13:04:48  
Local clock offset: -0.244 ms  
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.01 Mbit/s  
95th percentile per-packet one-way delay: 81.722 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.01 Mbit/s  
95th percentile per-packet one-way delay: 81.722 ms  
Loss rate: 0.00%



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

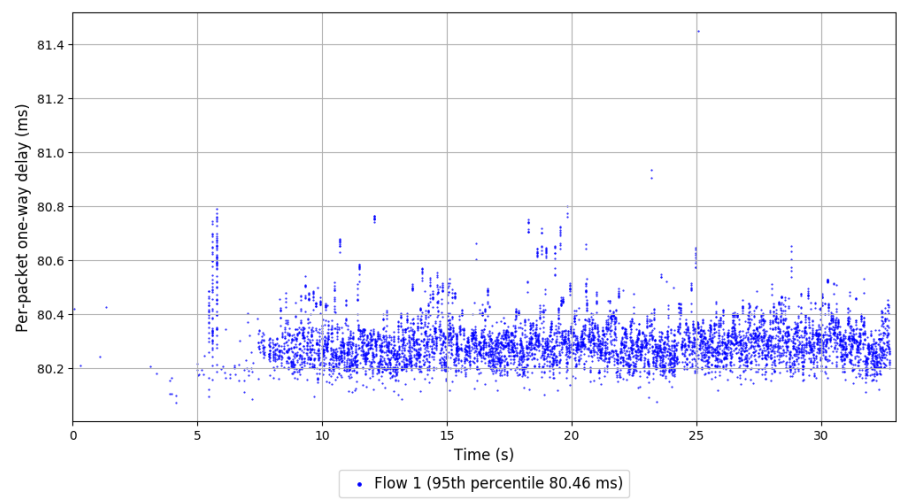
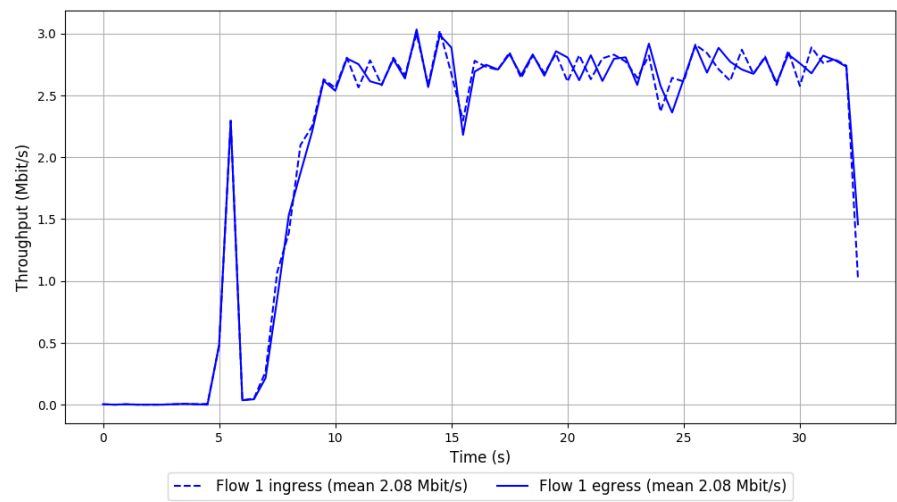


Run 6: Statistics of WebRTC media

Start at: 2017-11-30 13:22:19  
End at: 2017-11-30 13:22:49  
Local clock offset: -0.245 ms  
Remote clock offset: -1.469 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.08 Mbit/s  
95th percentile per-packet one-way delay: 80.459 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.08 Mbit/s  
95th percentile per-packet one-way delay: 80.459 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

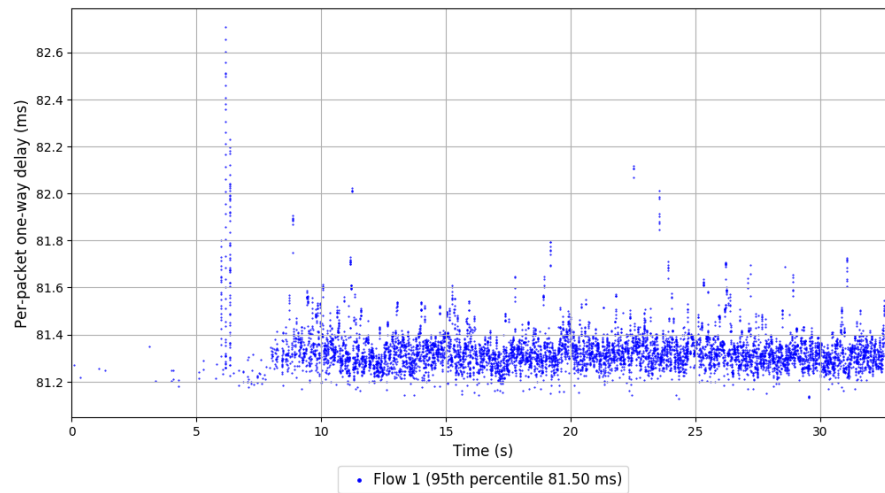
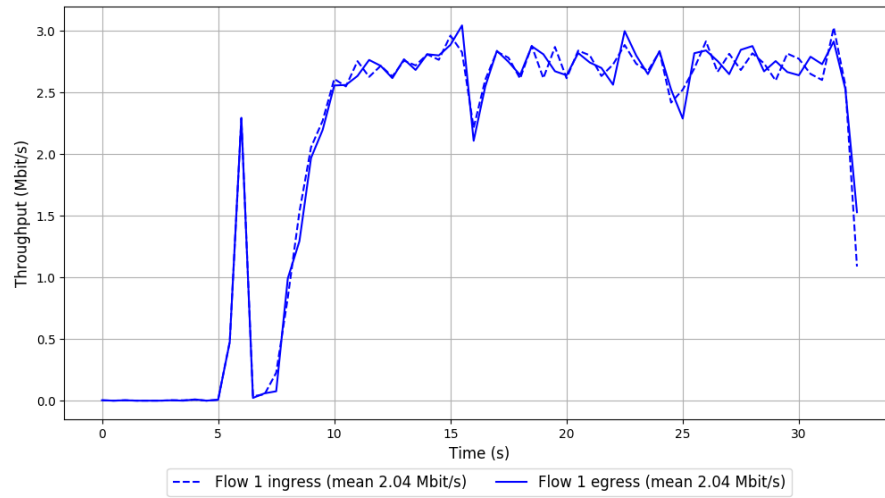


Run 7: Statistics of WebRTC media

Start at: 2017-11-30 13:40:06  
End at: 2017-11-30 13:40:36  
Local clock offset: -0.218 ms  
Remote clock offset: -0.923 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.04 Mbit/s  
95th percentile per-packet one-way delay: 81.499 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.04 Mbit/s  
95th percentile per-packet one-way delay: 81.499 ms  
Loss rate: 0.00%

## Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-11-30 13:56:13

End at: 2017-11-30 13:56:43

Local clock offset: -0.184 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 84.574 ms

Loss rate: 0.00%

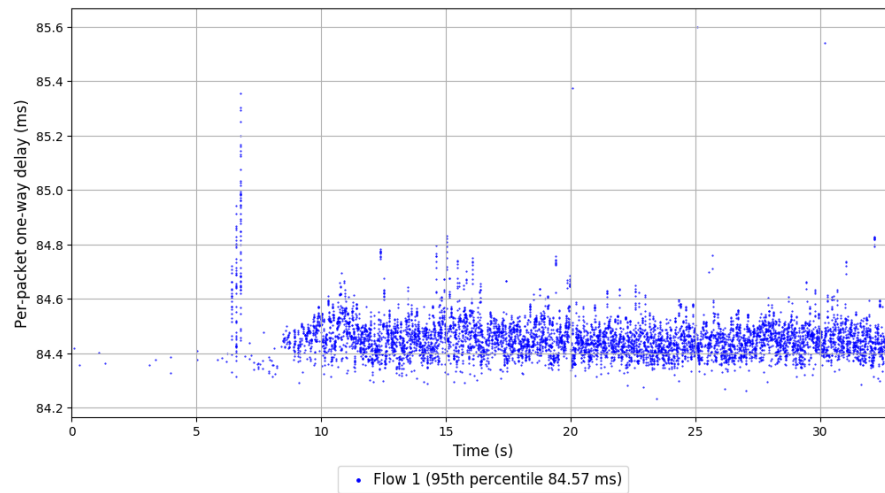
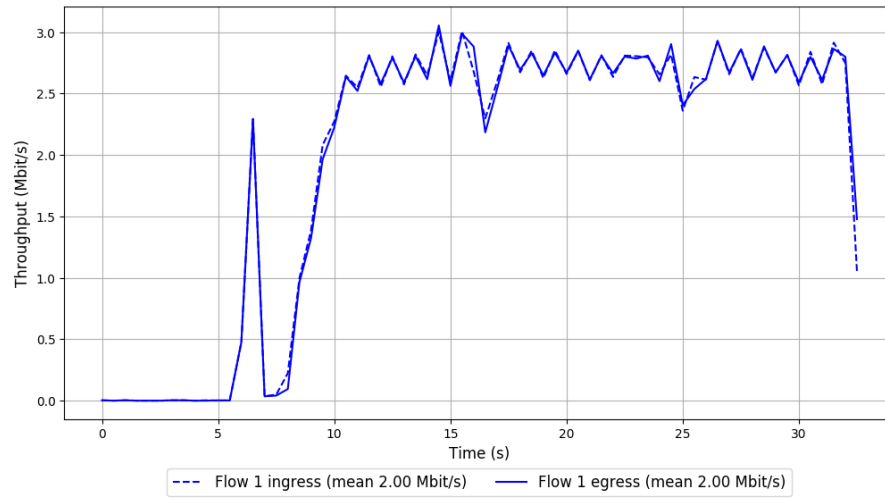
-- Flow 1:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 84.574 ms

Loss rate: 0.00%

## Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-11-30 14:10:43

End at: 2017-11-30 14:11:13

Local clock offset: -0.201 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.97 Mbit/s

95th percentile per-packet one-way delay: 86.164 ms

Loss rate: 0.00%

-- Flow 1:

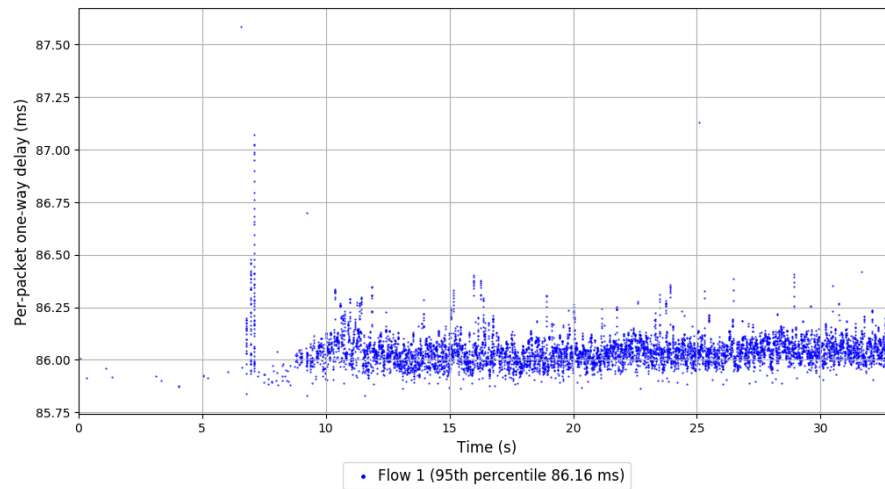
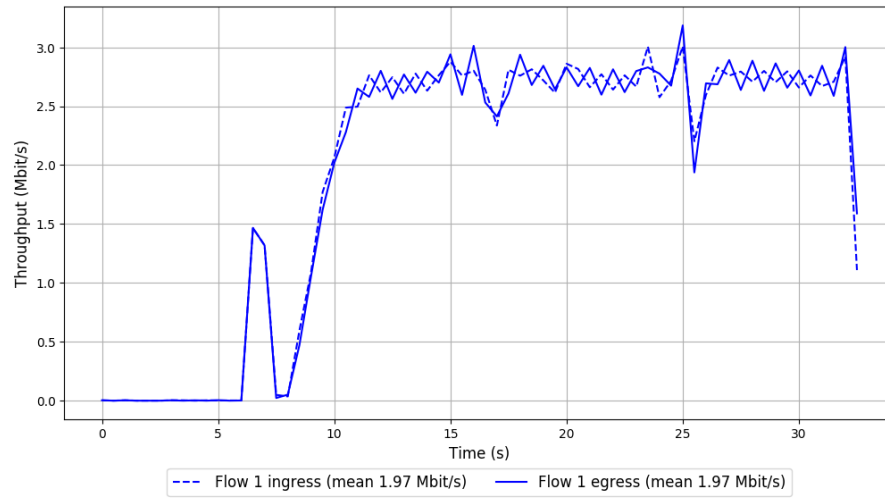
Average throughput: 1.97 Mbit/s

95th percentile per-packet one-way delay: 86.164 ms

Loss rate: 0.00%



### Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-11-30 14:27:08

End at: 2017-11-30 14:27:38

Local clock offset: -0.215 ms

Remote clock offset: -5.429 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 83.381 ms

Loss rate: 0.00%

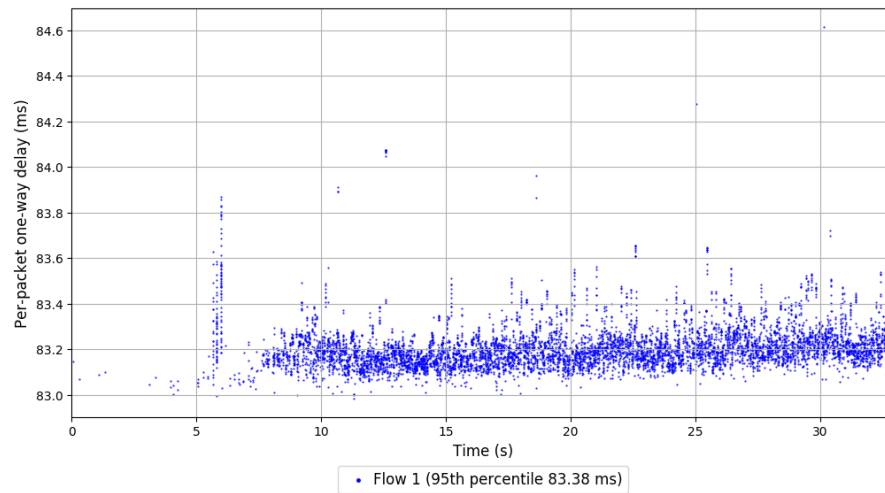
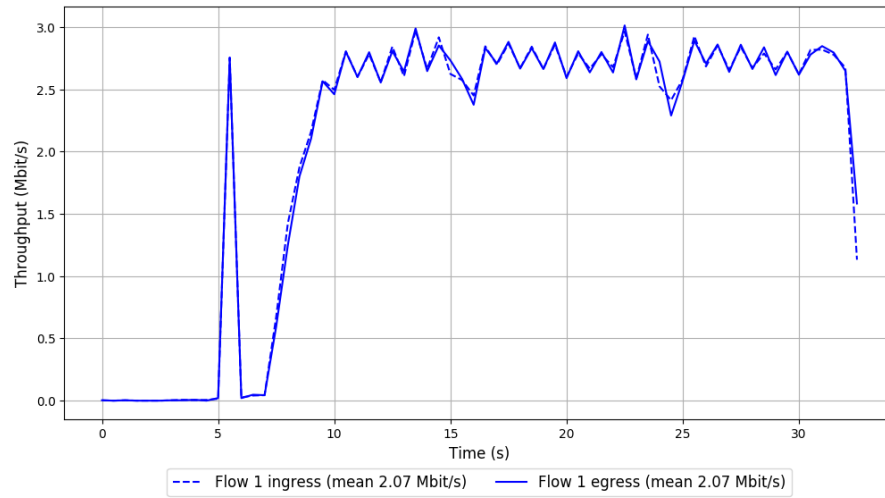
-- Flow 1:

Average throughput: 2.07 Mbit/s

95th percentile per-packet one-way delay: 83.381 ms

Loss rate: 0.00%

## Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

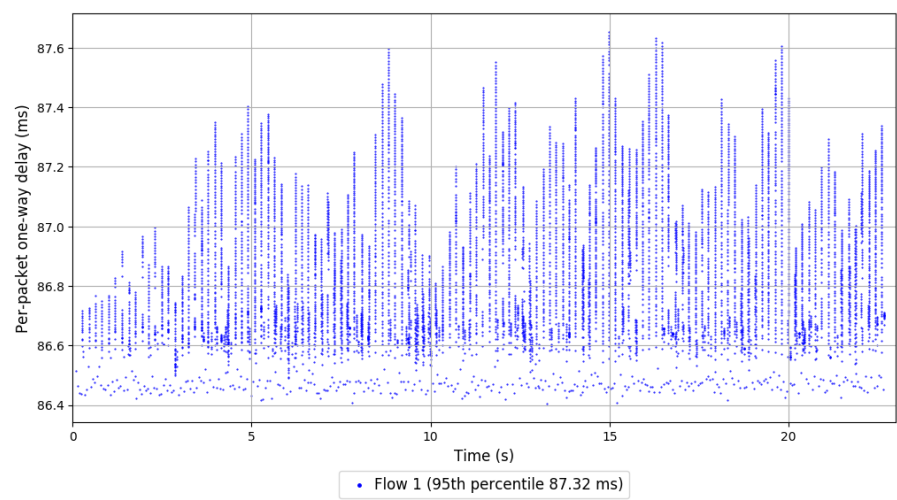
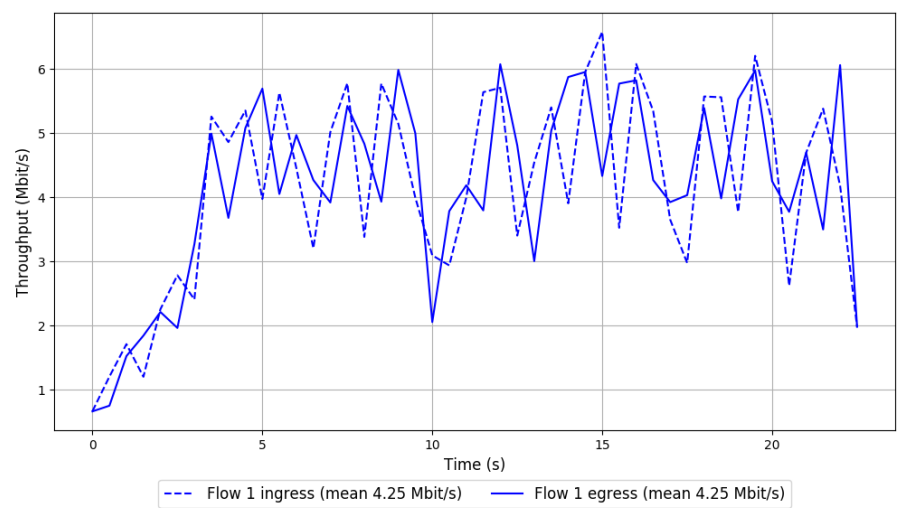
Start at: 2017-11-30 12:01:26

End at: 2017-11-30 12:01:56

Local clock offset: 0.149 ms

Remote clock offset: 4.488 ms

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

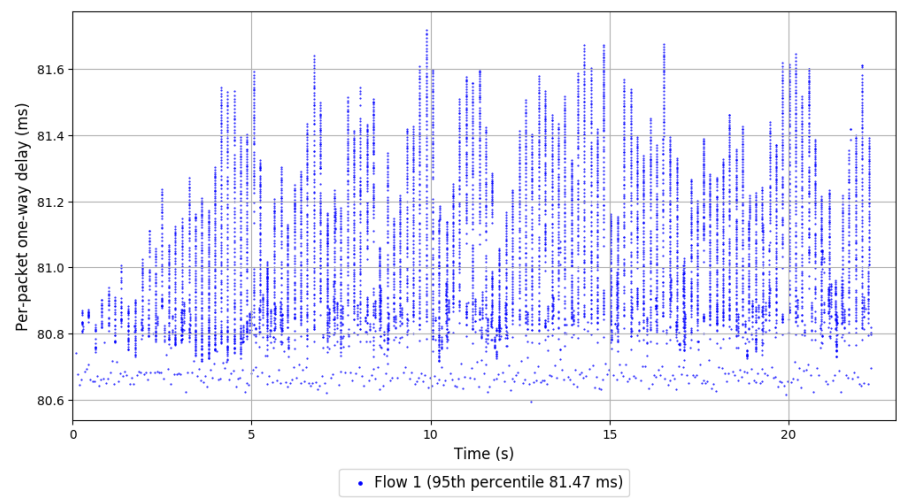
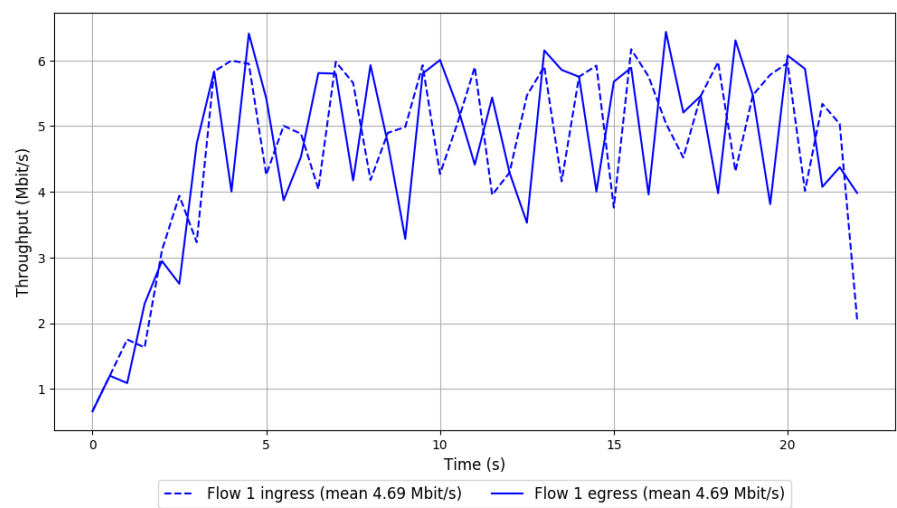
Start at: 2017-11-30 12:19:25

End at: 2017-11-30 12:19:55

Local clock offset: -0.027 ms

Remote clock offset: -1.213 ms

Run 2: Report of Sprout — Data Link



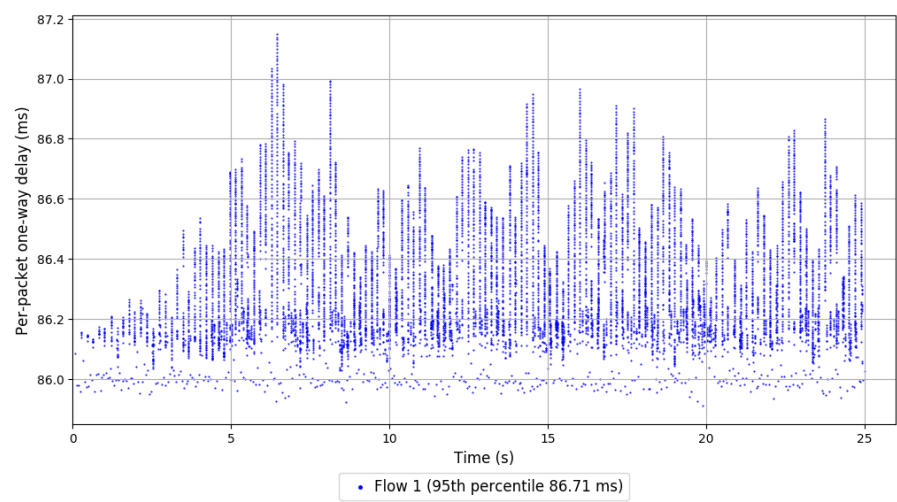
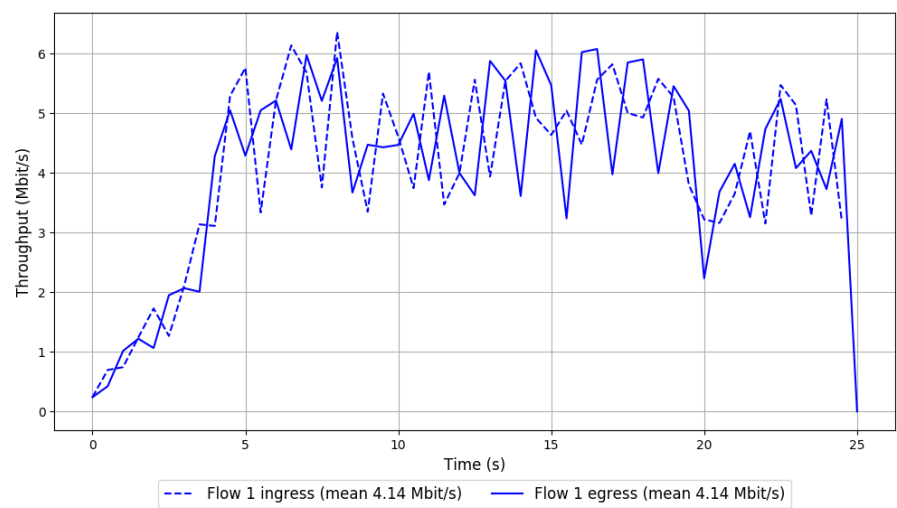
Run 3: Statistics of Sprout

Start at: 2017-11-30 12:37:23  
End at: 2017-11-30 12:37:53  
Local clock offset: -0.193 ms  
Remote clock offset: 4.294 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.14 Mbit/s  
95th percentile per-packet one-way delay: 86.706 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 4.14 Mbit/s  
95th percentile per-packet one-way delay: 86.706 ms  
Loss rate: 0.00%



Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

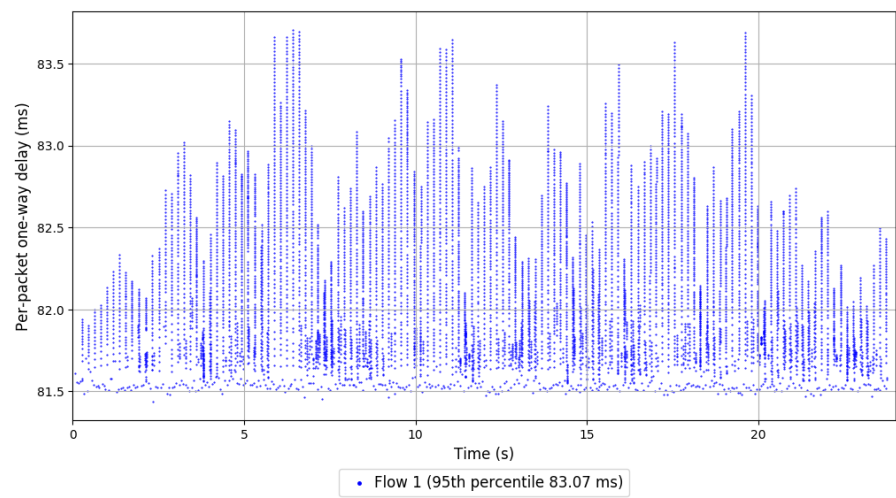
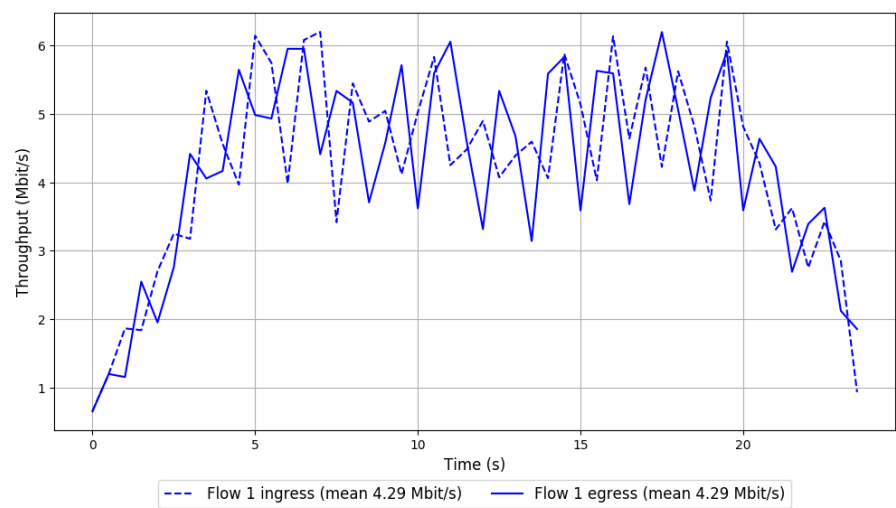
Start at: 2017-11-30 12:55:19

End at: 2017-11-30 12:55:49

Local clock offset: -0.207 ms

Remote clock offset: -0.971 ms

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

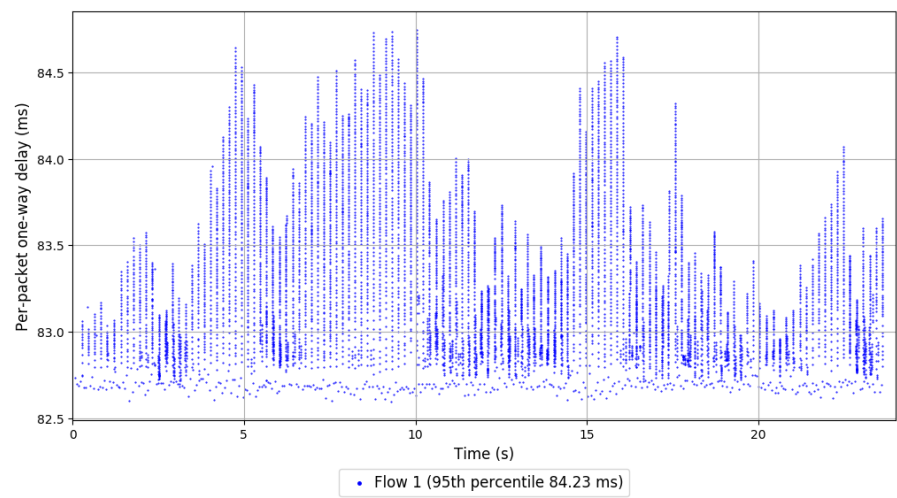
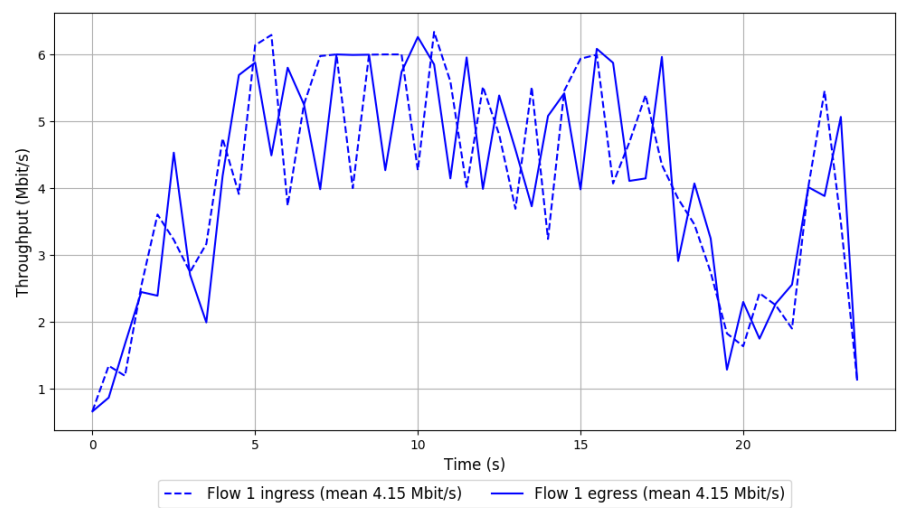
Start at: 2017-11-30 13:13:15

End at: 2017-11-30 13:13:45

Local clock offset: -0.291 ms

Remote clock offset: -1.297 ms

Run 5: Report of Sprout — Data Link

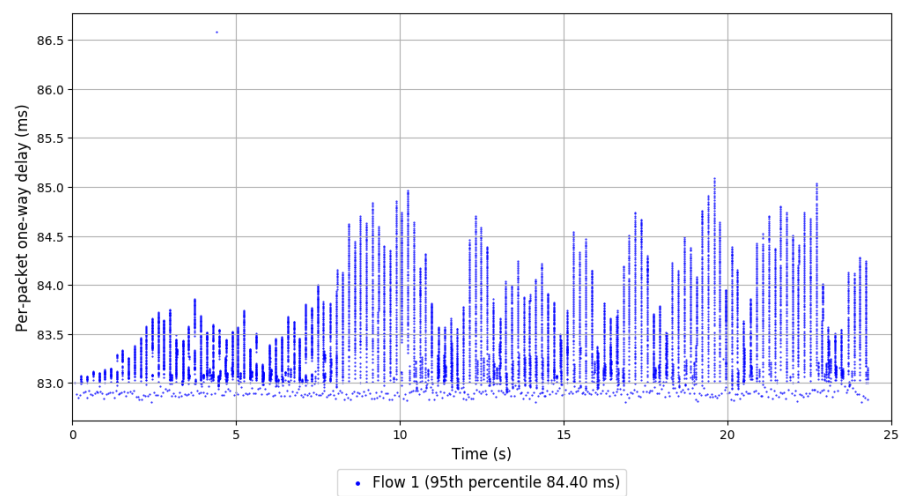
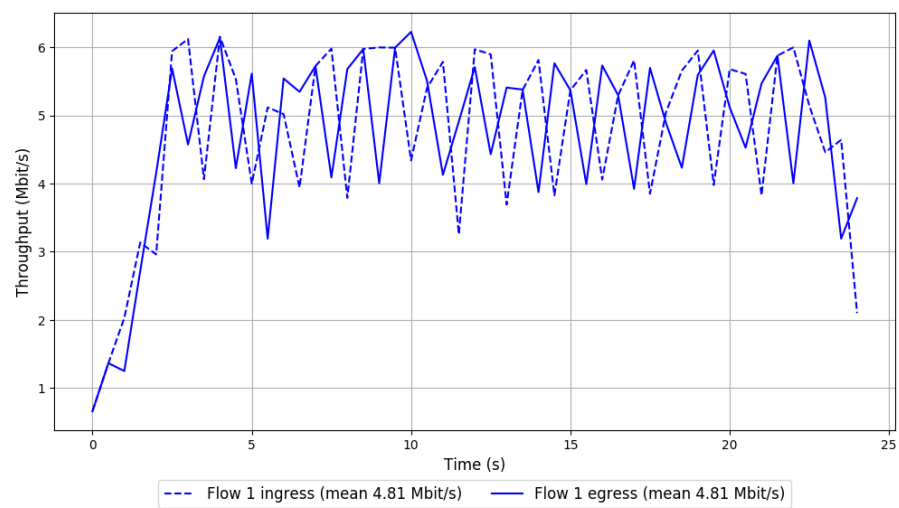


Run 6: Statistics of Sprout

Start at: 2017-11-30 13:31:06  
End at: 2017-11-30 13:31:36  
Local clock offset: -0.307 ms  
Remote clock offset: -1.356 ms

# Below is generated by plot.py at 2017-11-30 15:31:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.81 Mbit/s  
95th percentile per-packet one-way delay: 84.402 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 4.81 Mbit/s  
95th percentile per-packet one-way delay: 84.402 ms  
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-11-30 13:48:49

End at: 2017-11-30 13:49:19

Local clock offset: -0.193 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.25 Mbit/s

95th percentile per-packet one-way delay: 85.017 ms

Loss rate: 0.00%

-- Flow 1:

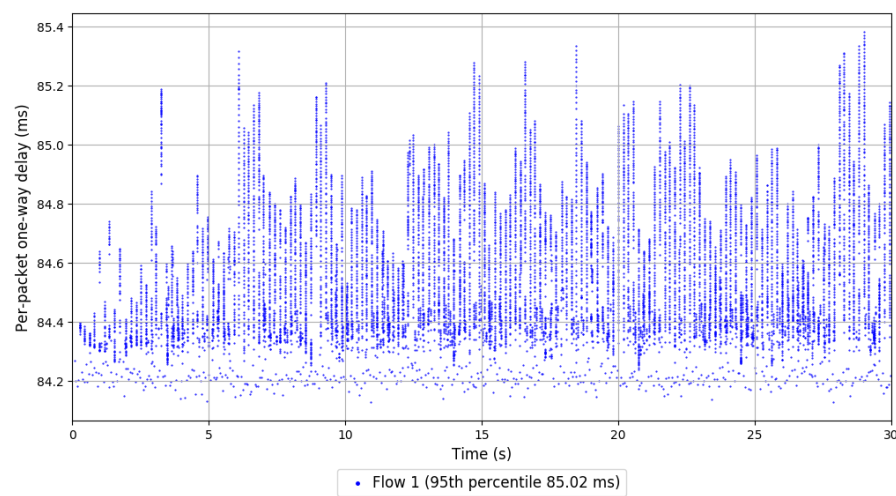
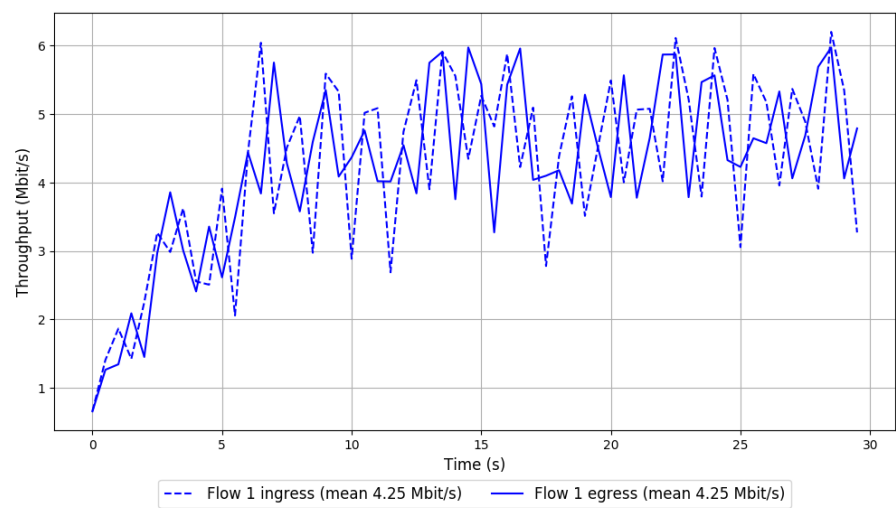
Average throughput: 4.25 Mbit/s

95th percentile per-packet one-way delay: 85.017 ms

Loss rate: 0.00%



Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-11-30 14:03:24

End at: 2017-11-30 14:03:54

Local clock offset: -0.209 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.74 Mbit/s

95th percentile per-packet one-way delay: 84.057 ms

Loss rate: 0.00%

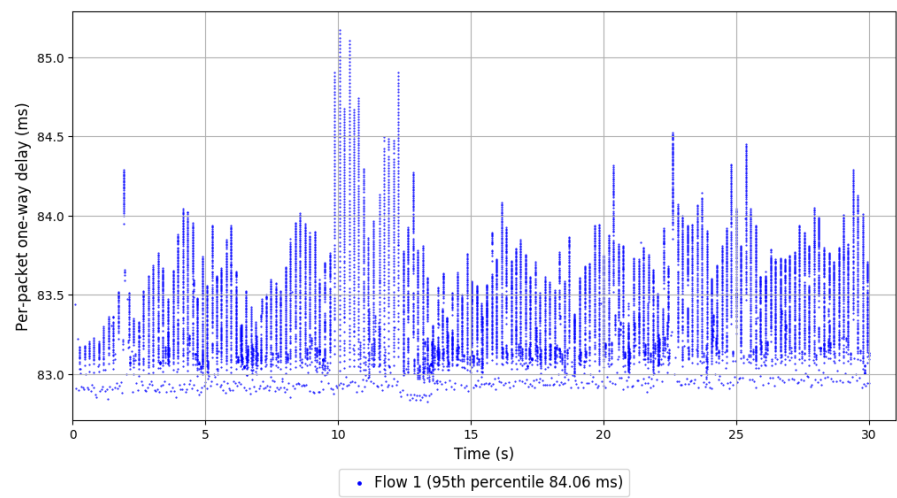
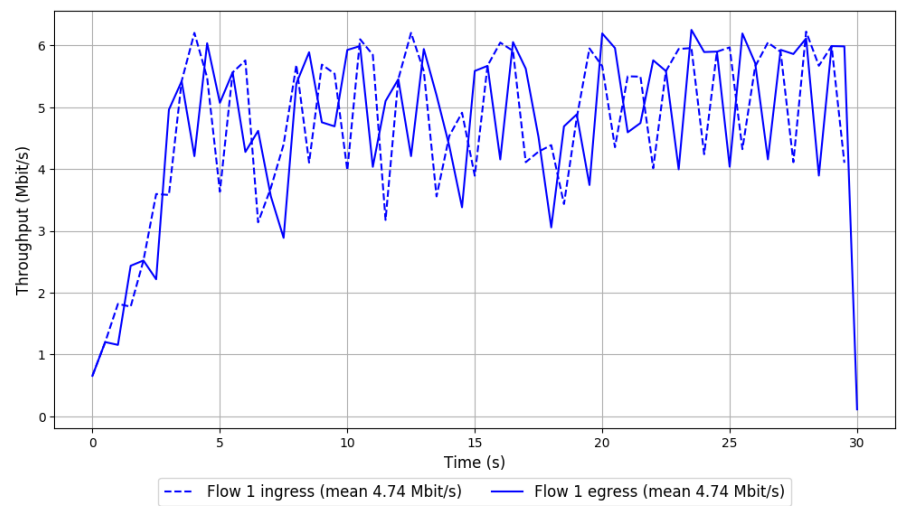
-- Flow 1:

Average throughput: 4.74 Mbit/s

95th percentile per-packet one-way delay: 84.057 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-11-30 14:18:07

End at: 2017-11-30 14:18:37

Local clock offset: -0.216 ms

Remote clock offset: -4.91 ms

# Below is generated by plot.py at 2017-11-30 15:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.20 Mbit/s

95th percentile per-packet one-way delay: 82.697 ms

Loss rate: 0.00%

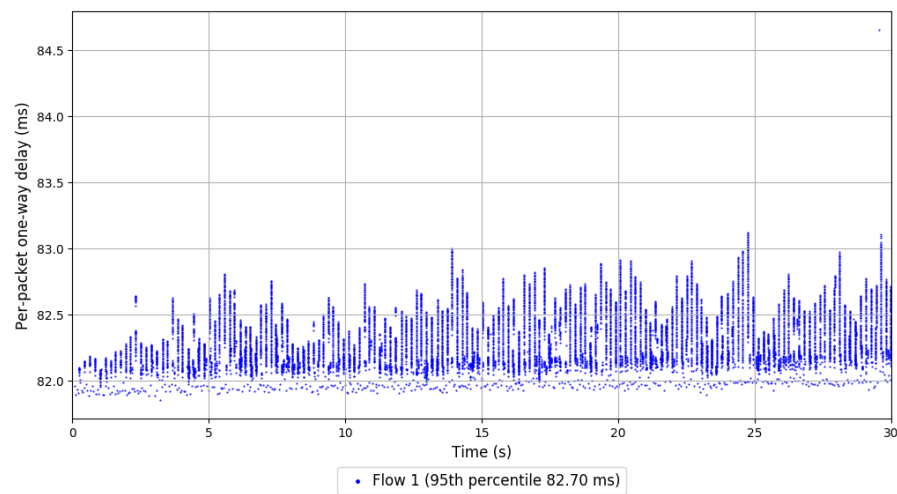
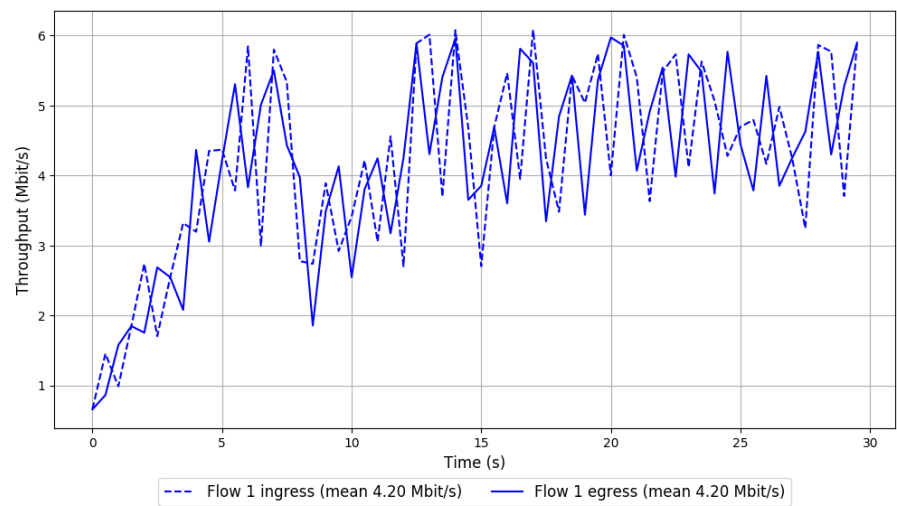
-- Flow 1:

Average throughput: 4.20 Mbit/s

95th percentile per-packet one-way delay: 82.697 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

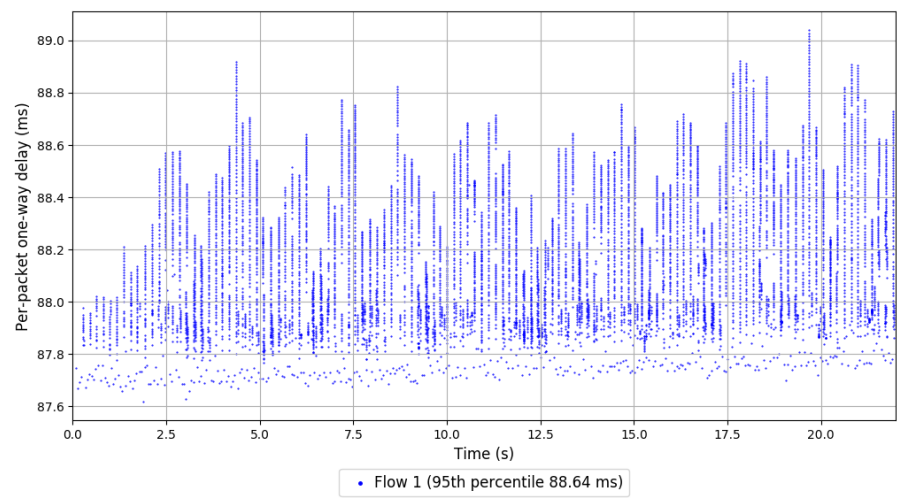
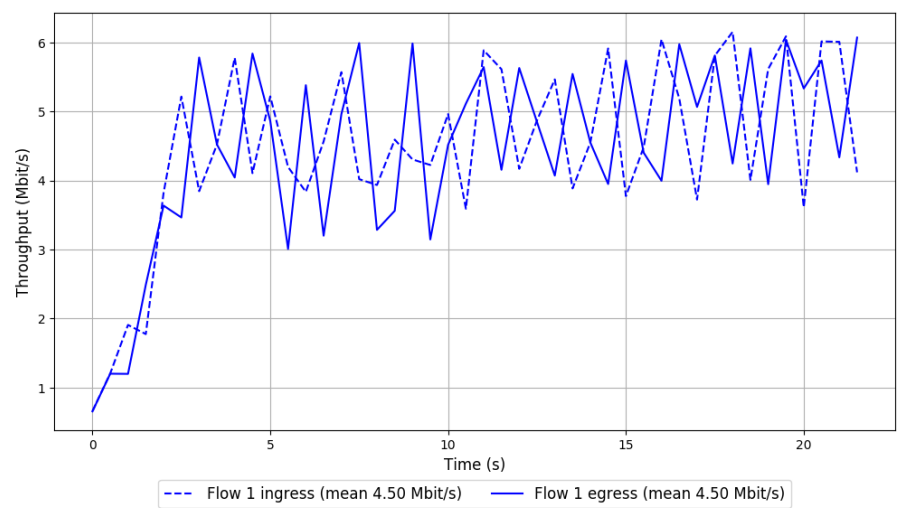
Start at: 2017-11-30 14:36:03

End at: 2017-11-30 14:36:33

Local clock offset: -0.199 ms

Remote clock offset: -1.984 ms

Run 10: Report of Sprout — Data Link



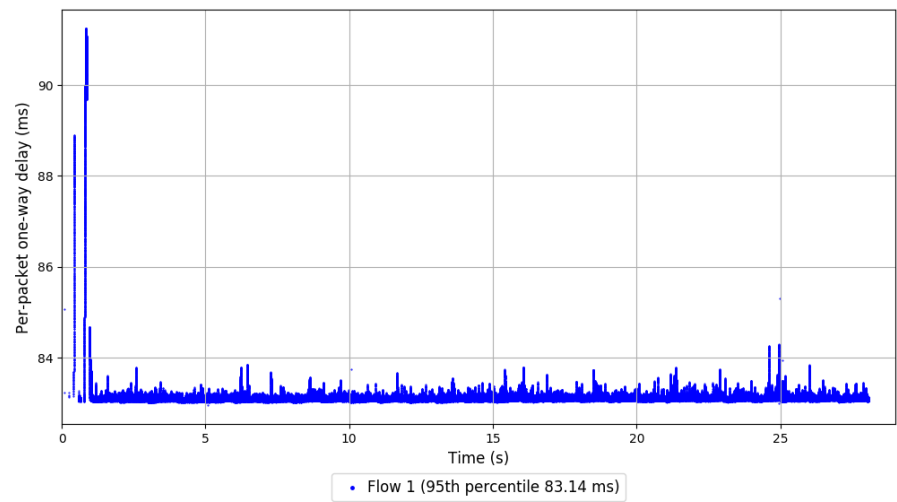
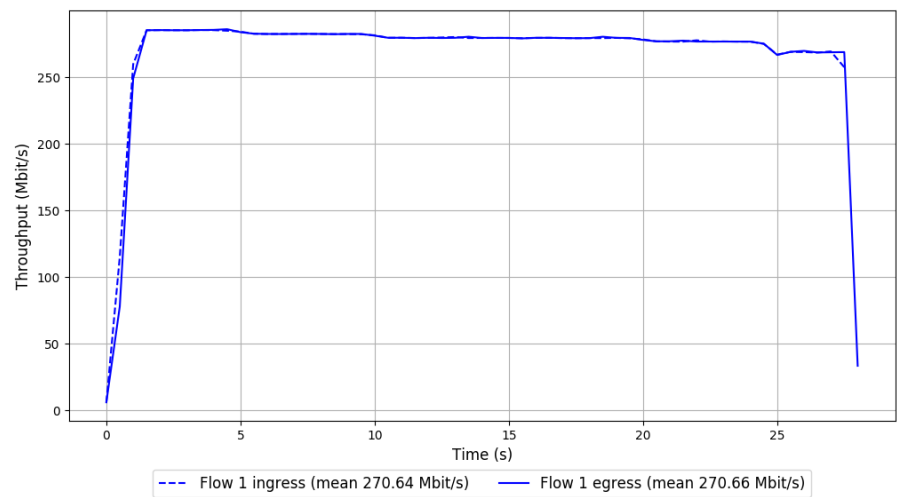
```
Run 1: Statistics of TaoVA-100x

Start at: 2017-11-30 12:03:46
End at: 2017-11-30 12:04:16
Local clock offset: 0.134 ms
Remote clock offset: 0.04 ms

# Below is generated by plot.py at 2017-11-30 15:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 270.66 Mbit/s
95th percentile per-packet one-way delay: 83.145 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 270.66 Mbit/s
95th percentile per-packet one-way delay: 83.145 ms
Loss rate: 0.01%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2017-11-30 12:21:45

End at: 2017-11-30 12:22:15

Local clock offset: -0.034 ms

Remote clock offset: 5.397 ms

# Below is generated by plot.py at 2017-11-30 15:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 266.31 Mbit/s

95th percentile per-packet one-way delay: 89.892 ms

Loss rate: 0.01%

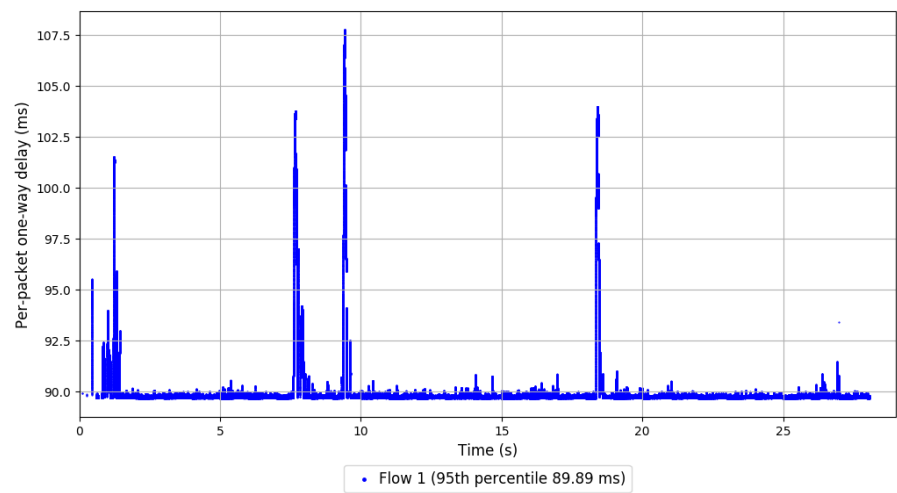
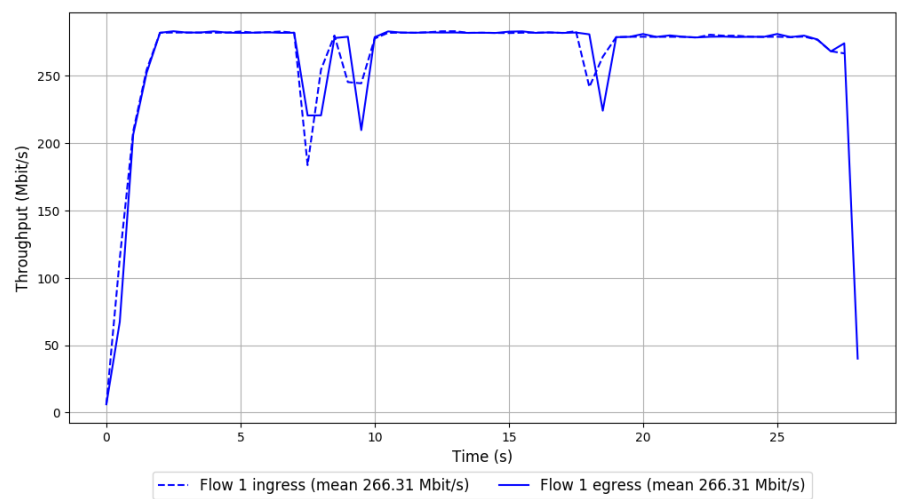
-- Flow 1:

Average throughput: 266.31 Mbit/s

95th percentile per-packet one-way delay: 89.892 ms

Loss rate: 0.01%

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

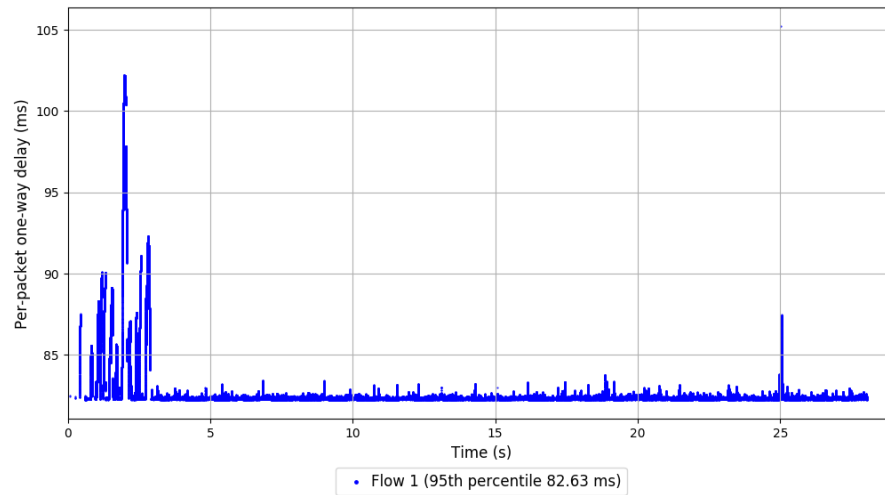
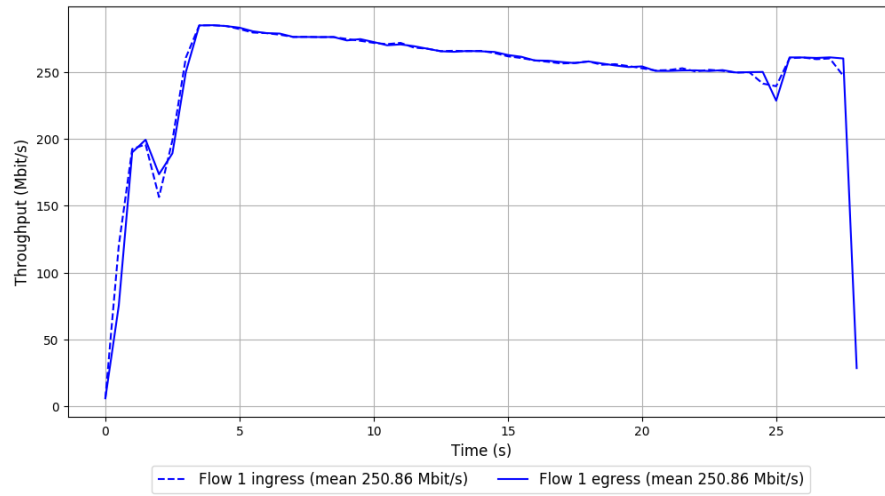


Run 3: Statistics of TaoVA-100x

Start at: 2017-11-30 12:39:43  
End at: 2017-11-30 12:40:13  
Local clock offset: -0.124 ms  
Remote clock offset: -1.022 ms

# Below is generated by plot.py at 2017-11-30 15:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 250.86 Mbit/s  
95th percentile per-packet one-way delay: 82.626 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 250.86 Mbit/s  
95th percentile per-packet one-way delay: 82.626 ms  
Loss rate: 0.00%

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

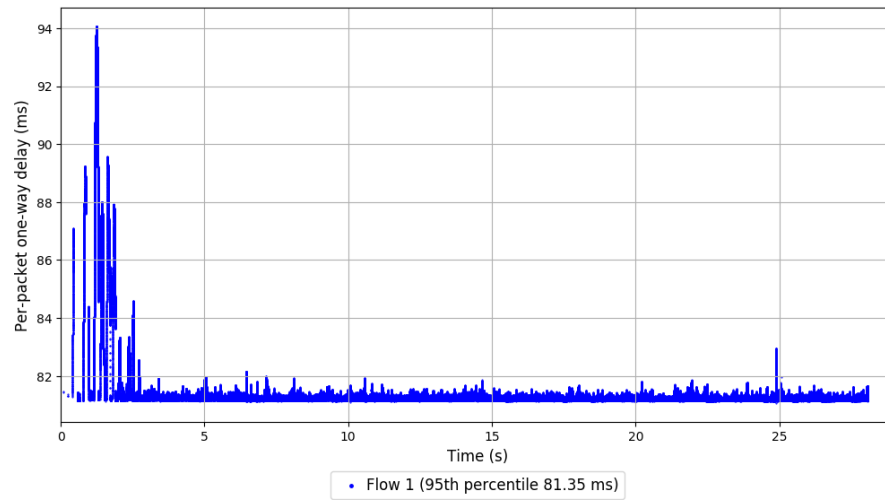
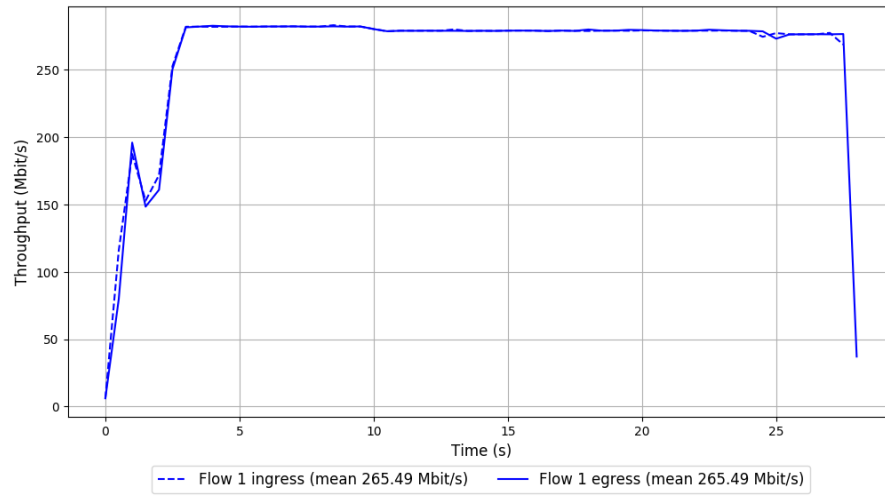


Run 4: Statistics of TaoVA-100x

Start at: 2017-11-30 12:57:38  
End at: 2017-11-30 12:58:08  
Local clock offset: -0.226 ms  
Remote clock offset: -0.215 ms

# Below is generated by plot.py at 2017-11-30 15:35:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 265.49 Mbit/s  
95th percentile per-packet one-way delay: 81.352 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 265.49 Mbit/s  
95th percentile per-packet one-way delay: 81.352 ms  
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-11-30 13:15:33

End at: 2017-11-30 13:16:03

Local clock offset: -0.279 ms

Remote clock offset: 4.228 ms

# Below is generated by plot.py at 2017-11-30 15:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 255.32 Mbit/s

95th percentile per-packet one-way delay: 86.359 ms

Loss rate: 0.00%

-- Flow 1:

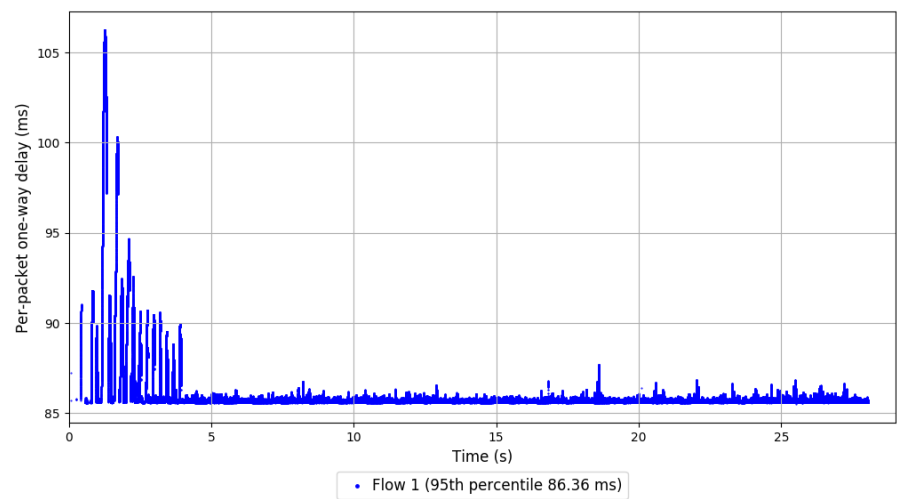
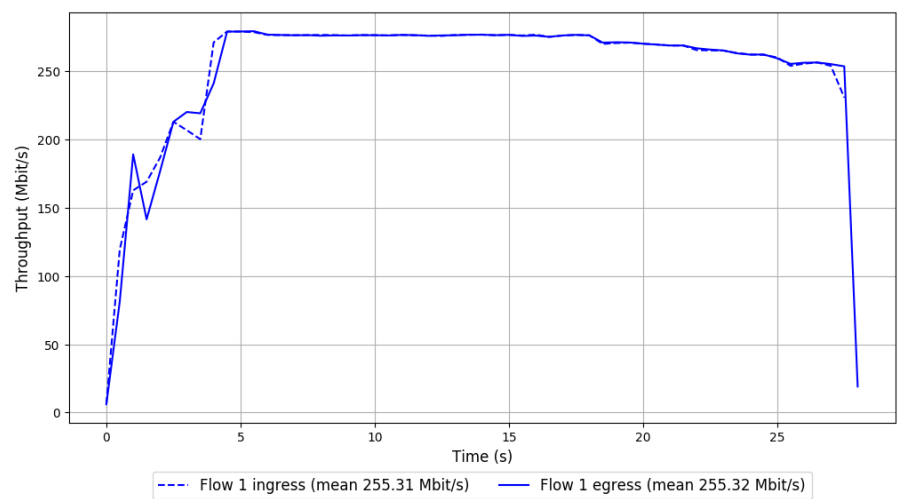
Average throughput: 255.32 Mbit/s

95th percentile per-packet one-way delay: 86.359 ms

Loss rate: 0.00%



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



Run 6: Statistics of TaoVA-100x

Start at: 2017-11-30 13:33:26

End at: 2017-11-30 13:33:56

Local clock offset: -0.238 ms

Remote clock offset: -0.98 ms

# Below is generated by plot.py at 2017-11-30 15:35:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 265.65 Mbit/s

95th percentile per-packet one-way delay: 81.634 ms

Loss rate: 0.00%

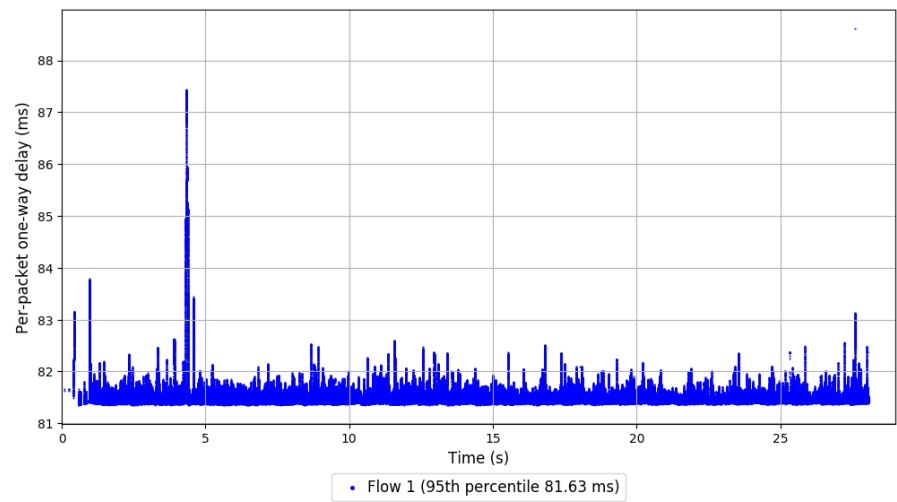
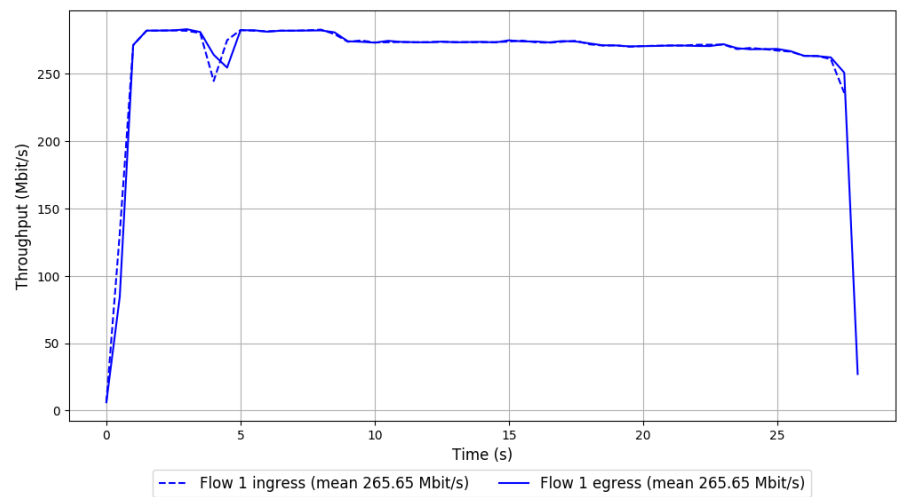
-- Flow 1:

Average throughput: 265.65 Mbit/s

95th percentile per-packet one-way delay: 81.634 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-11-30 13:50:39

End at: 2017-11-30 13:51:09

Local clock offset: -0.215 ms

# Below is generated by plot.py at 2017-11-30 15:38:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 272.98 Mbit/s

95th percentile per-packet one-way delay: 82.394 ms

Loss rate: 0.00%

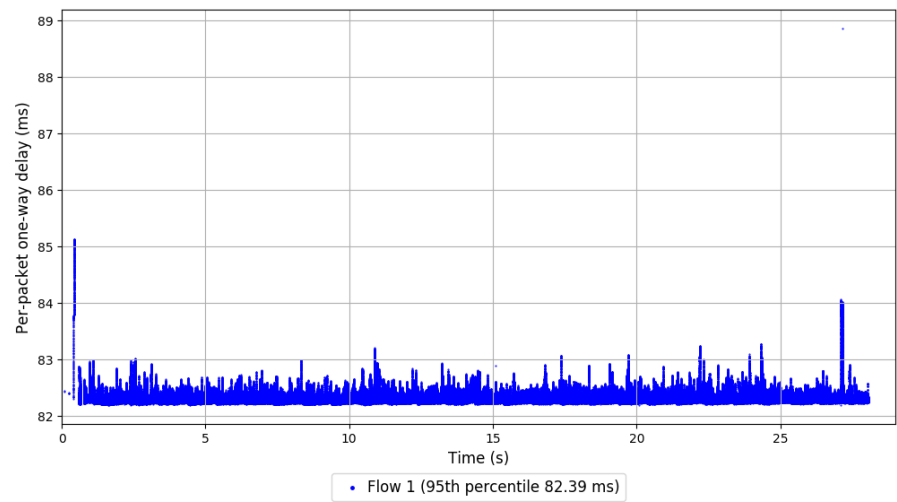
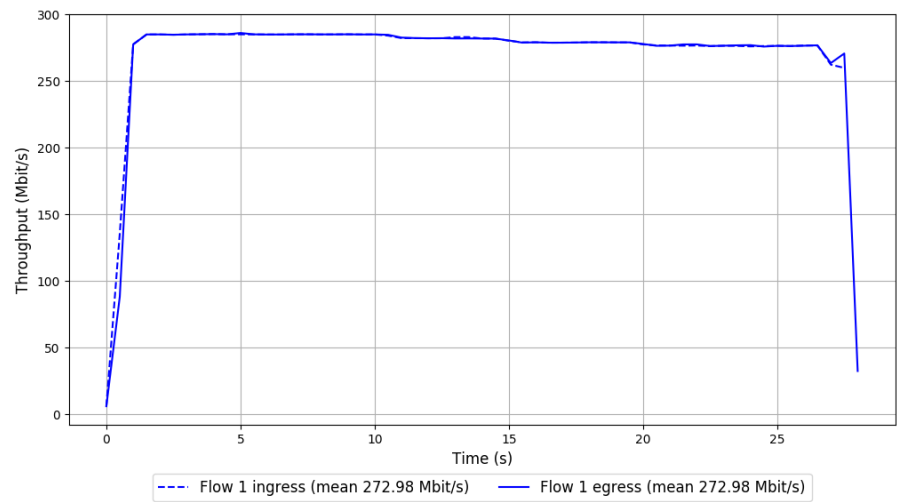
-- Flow 1:

Average throughput: 272.98 Mbit/s

95th percentile per-packet one-way delay: 82.394 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-11-30 14:05:15

End at: 2017-11-30 14:05:45

Local clock offset: -0.228 ms

# Below is generated by plot.py at 2017-11-30 15:38:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 262.90 Mbit/s

95th percentile per-packet one-way delay: 84.354 ms

Loss rate: 0.00%

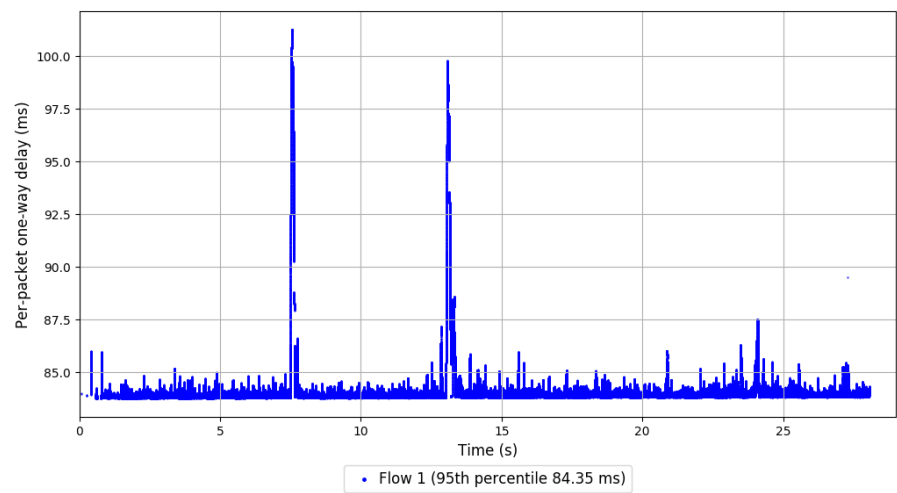
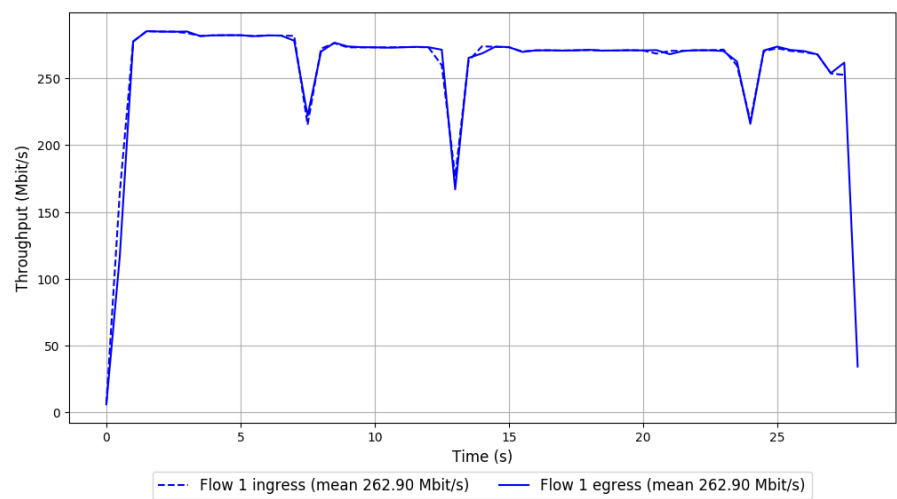
-- Flow 1:

Average throughput: 262.90 Mbit/s

95th percentile per-packet one-way delay: 84.354 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-11-30 14:20:27

End at: 2017-11-30 14:20:57

Local clock offset: -0.214 ms

Remote clock offset: 1.135 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 267.21 Mbit/s

95th percentile per-packet one-way delay: 88.335 ms

Loss rate: 0.01%

-- Flow 1:

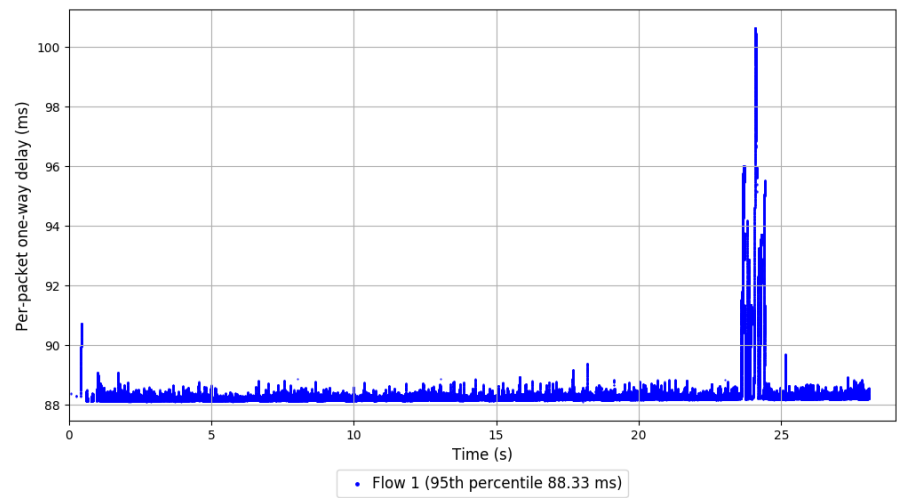
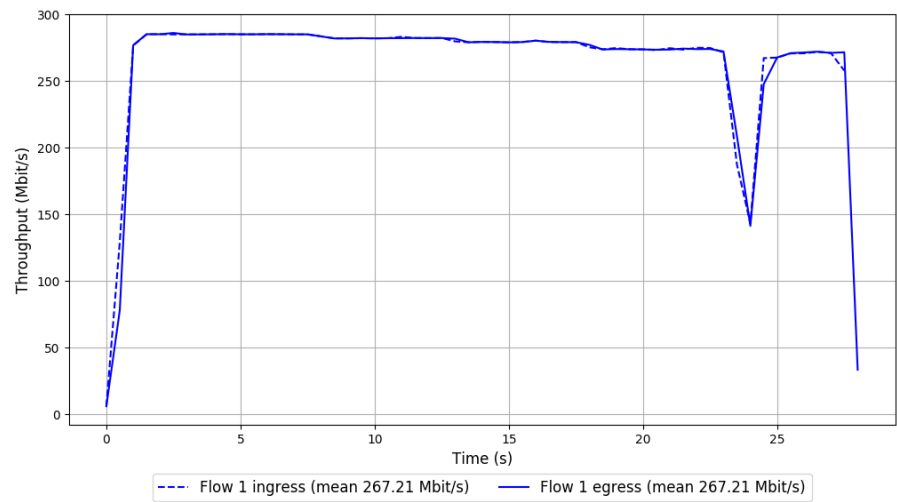
Average throughput: 267.21 Mbit/s

95th percentile per-packet one-way delay: 88.335 ms

Loss rate: 0.01%



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



Run 10: Statistics of TaoVA-100x

Start at: 2017-11-30 14:38:22

End at: 2017-11-30 14:38:52

Local clock offset: -0.183 ms

Remote clock offset: -8.435 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 255.63 Mbit/s

95th percentile per-packet one-way delay: 81.357 ms

Loss rate: 0.00%

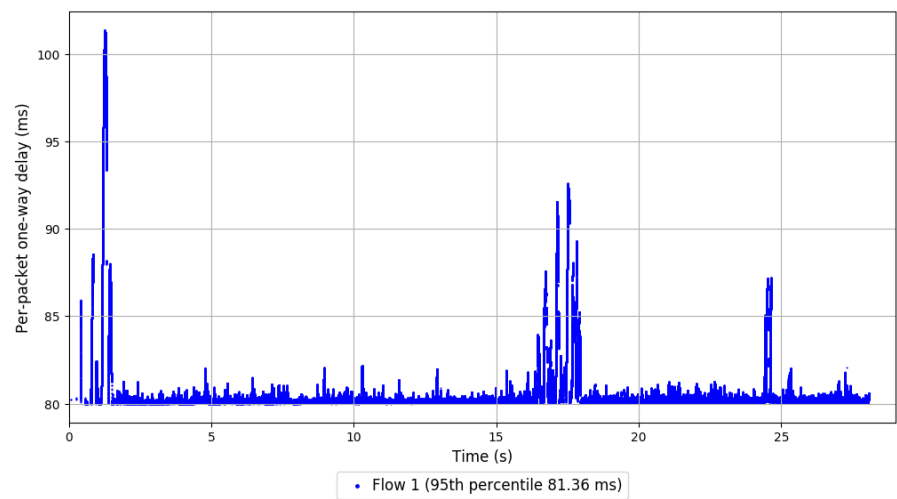
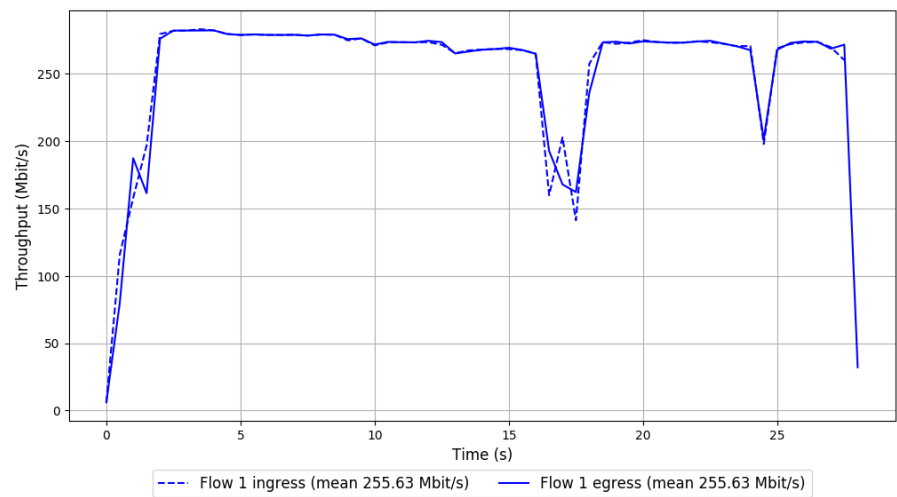
-- Flow 1:

Average throughput: 255.63 Mbit/s

95th percentile per-packet one-way delay: 81.357 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-11-30 11:51:15

End at: 2017-11-30 11:51:45

Local clock offset: 0.189 ms

Remote clock offset: 5.378 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 129.91 Mbit/s

95th percentile per-packet one-way delay: 97.363 ms

Loss rate: 0.01%

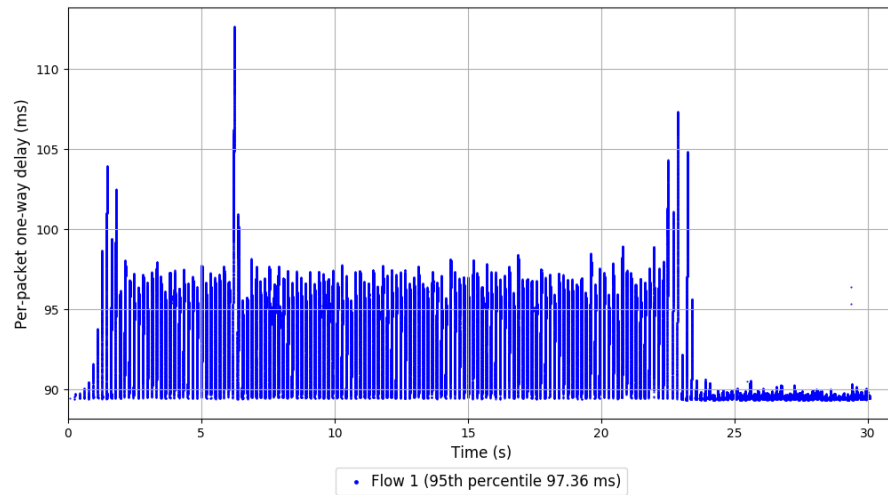
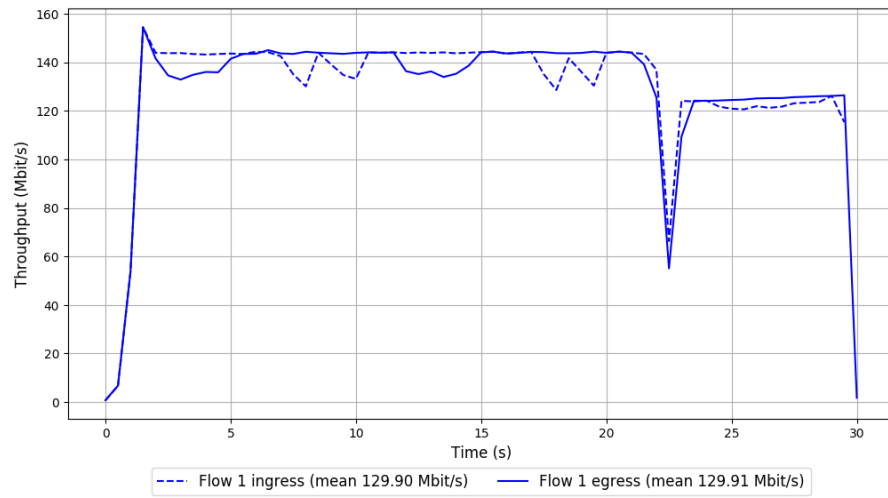
-- Flow 1:

Average throughput: 129.91 Mbit/s

95th percentile per-packet one-way delay: 97.363 ms

Loss rate: 0.01%

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



Run 2: Statistics of TCP Vegas

Start at: 2017-11-30 12:09:16

End at: 2017-11-30 12:09:46

Local clock offset: 0.088 ms

Remote clock offset: 4.311 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 137.88 Mbit/s

95th percentile per-packet one-way delay: 97.001 ms

Loss rate: 0.09%

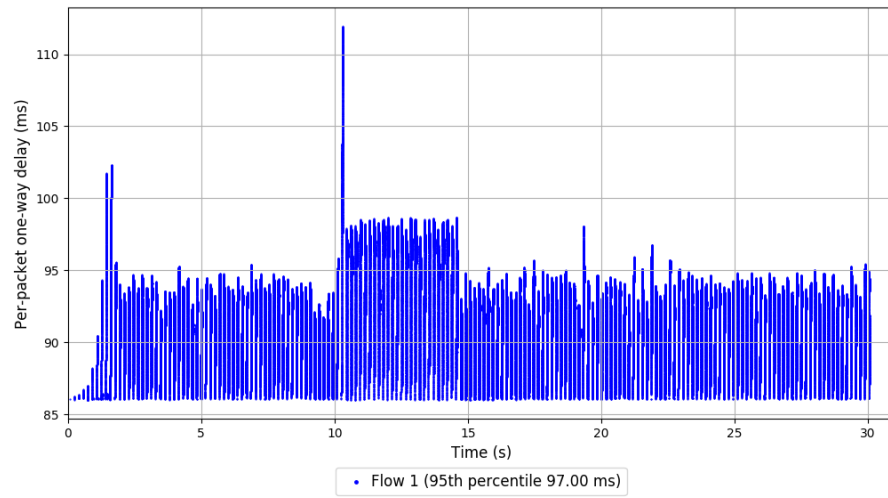
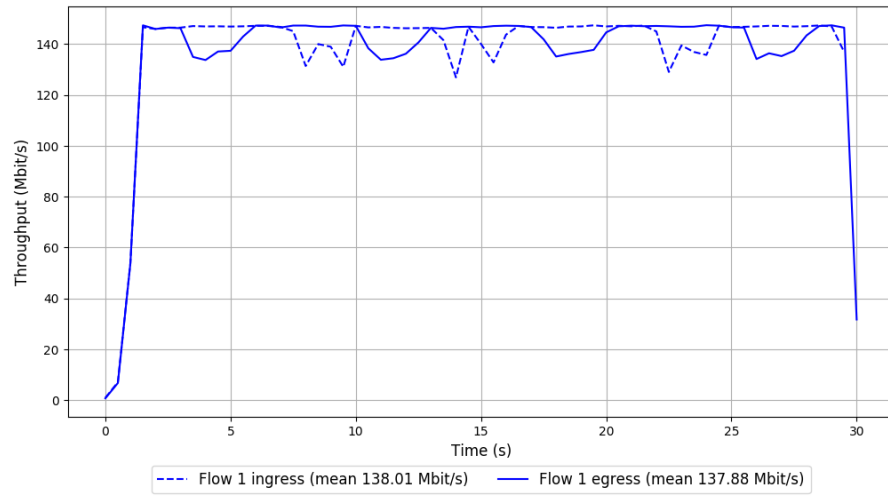
-- Flow 1:

Average throughput: 137.88 Mbit/s

95th percentile per-packet one-way delay: 97.001 ms

Loss rate: 0.09%

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



Run 3: Statistics of TCP Vegas

Start at: 2017-11-30 12:27:14

End at: 2017-11-30 12:27:44

Local clock offset: -0.033 ms

Remote clock offset: 4.47 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 127.92 Mbit/s

95th percentile per-packet one-way delay: 96.345 ms

Loss rate: 0.00%

-- Flow 1:

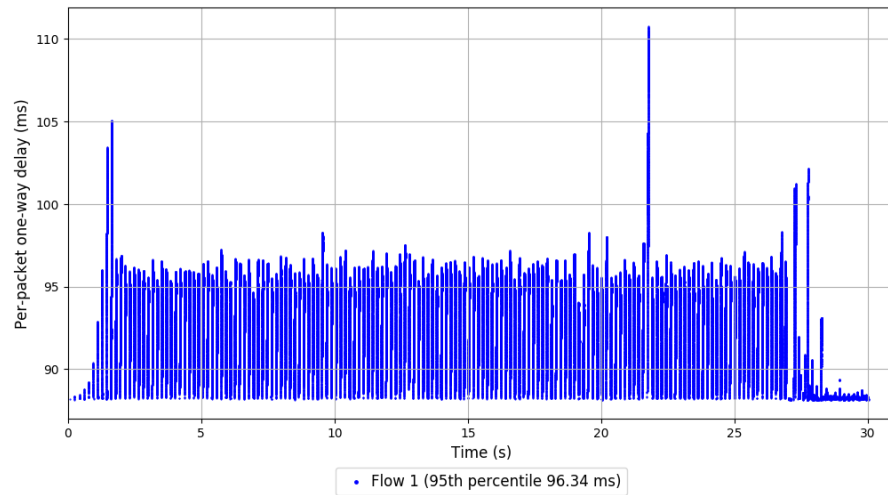
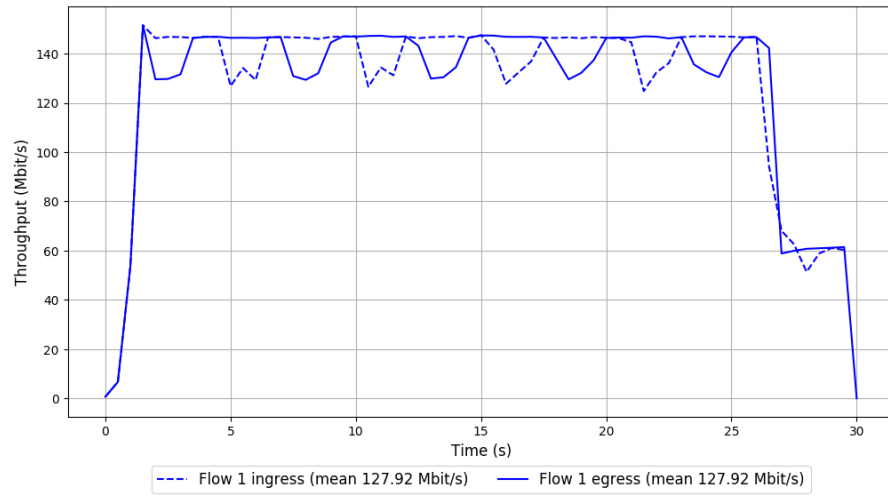
Average throughput: 127.92 Mbit/s

95th percentile per-packet one-way delay: 96.345 ms

Loss rate: 0.00%



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

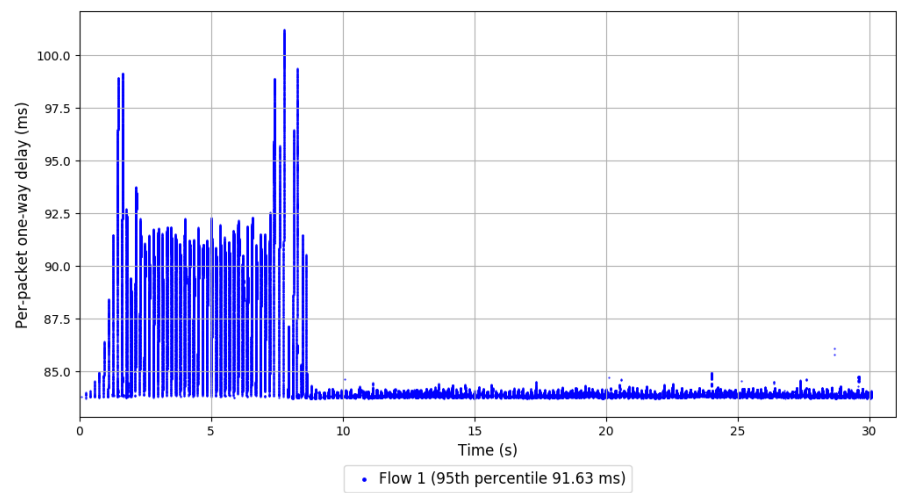
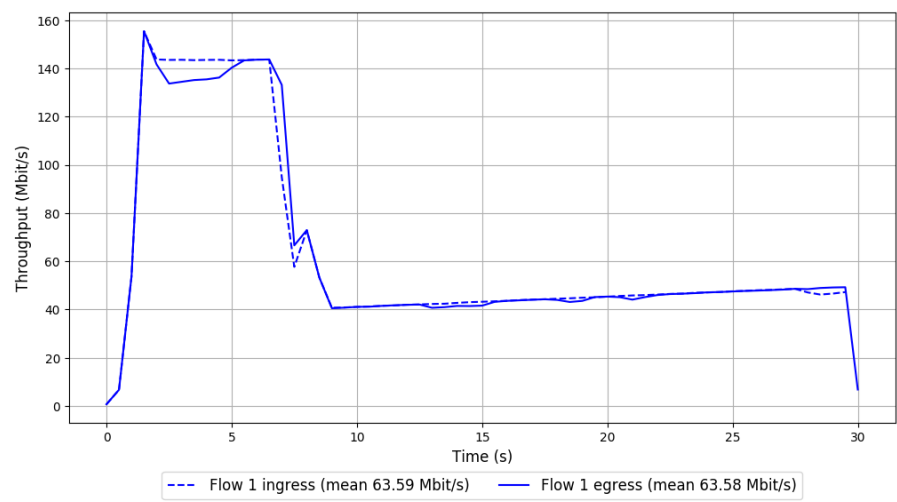


Run 4: Statistics of TCP Vegas

Start at: 2017-11-30 12:45:09  
End at: 2017-11-30 12:45:39  
Local clock offset: -0.156 ms  
Remote clock offset: -0.331 ms

# Below is generated by plot.py at 2017-11-30 15:42:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.58 Mbit/s  
95th percentile per-packet one-way delay: 91.633 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 63.58 Mbit/s  
95th percentile per-packet one-way delay: 91.633 ms  
Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-11-30 13:03:06

End at: 2017-11-30 13:03:36

Local clock offset: -0.218 ms

Remote clock offset: -0.21 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.19 Mbit/s

95th percentile per-packet one-way delay: 90.911 ms

Loss rate: 0.01%

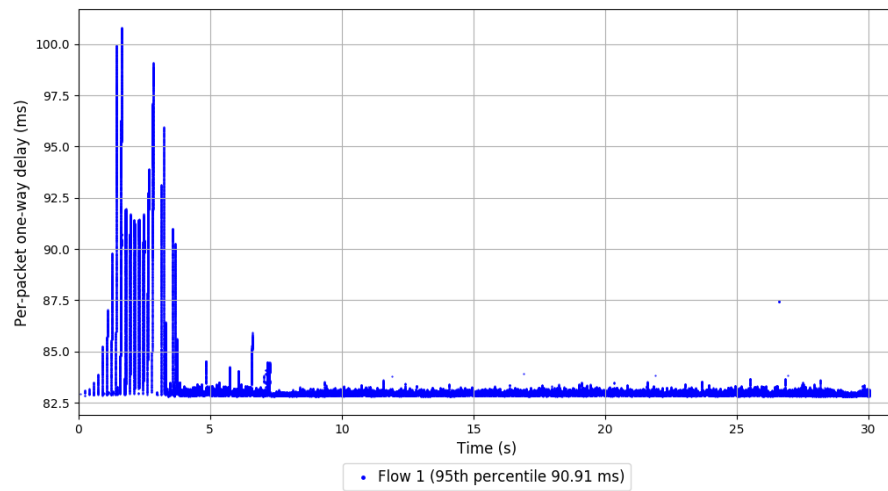
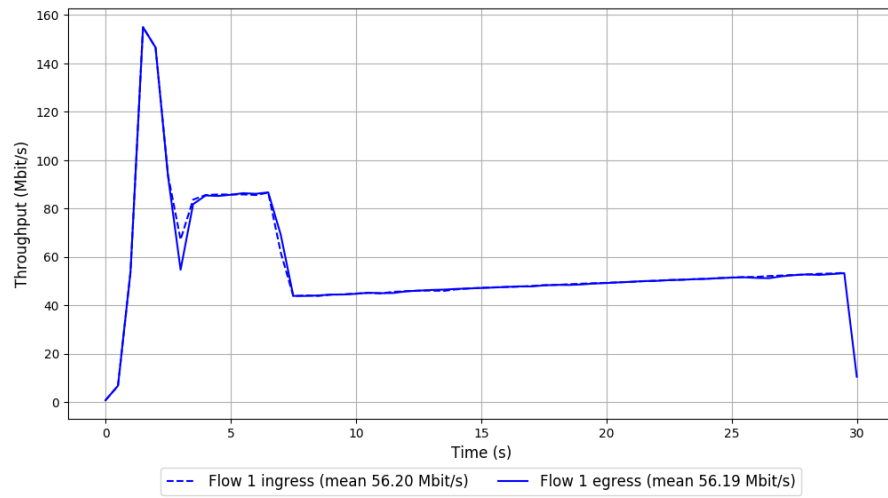
-- Flow 1:

Average throughput: 56.19 Mbit/s

95th percentile per-packet one-way delay: 90.911 ms

Loss rate: 0.01%

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



Run 6: Statistics of TCP Vegas

Start at: 2017-11-30 13:21:06

End at: 2017-11-30 13:21:36

Local clock offset: -0.248 ms

Remote clock offset: 3.253 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.57 Mbit/s

95th percentile per-packet one-way delay: 87.183 ms

Loss rate: 0.05%

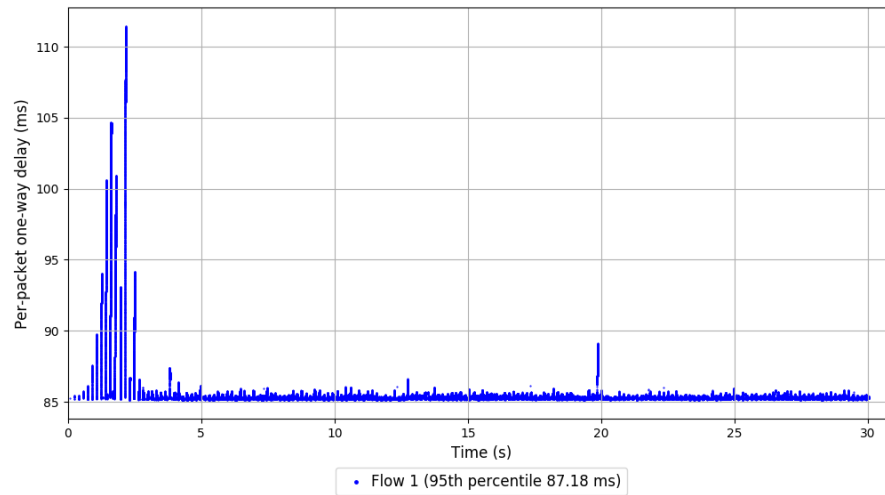
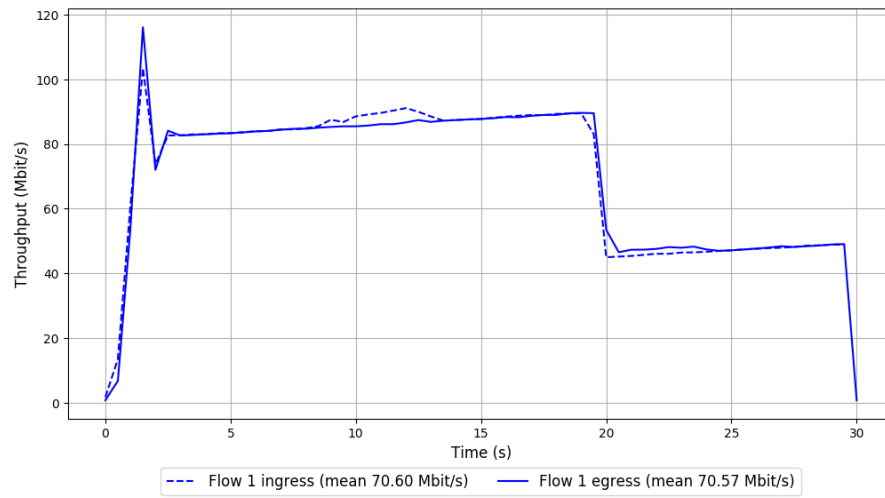
-- Flow 1:

Average throughput: 70.57 Mbit/s

95th percentile per-packet one-way delay: 87.183 ms

Loss rate: 0.05%

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



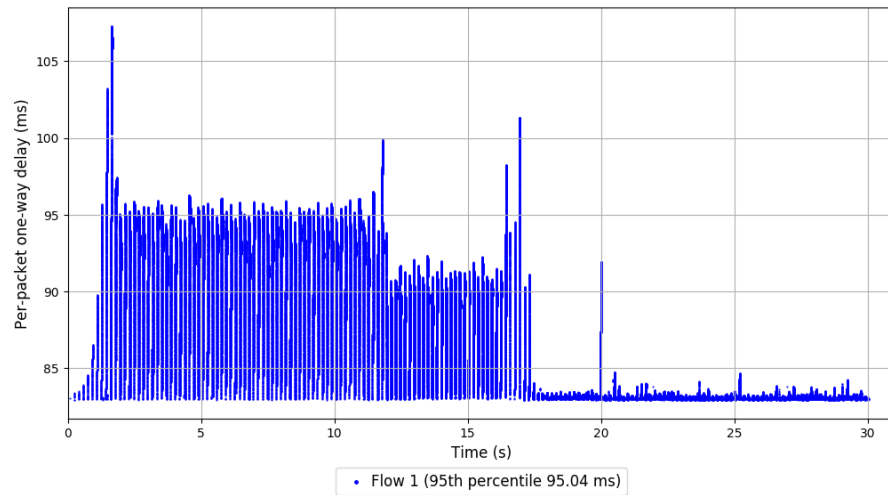
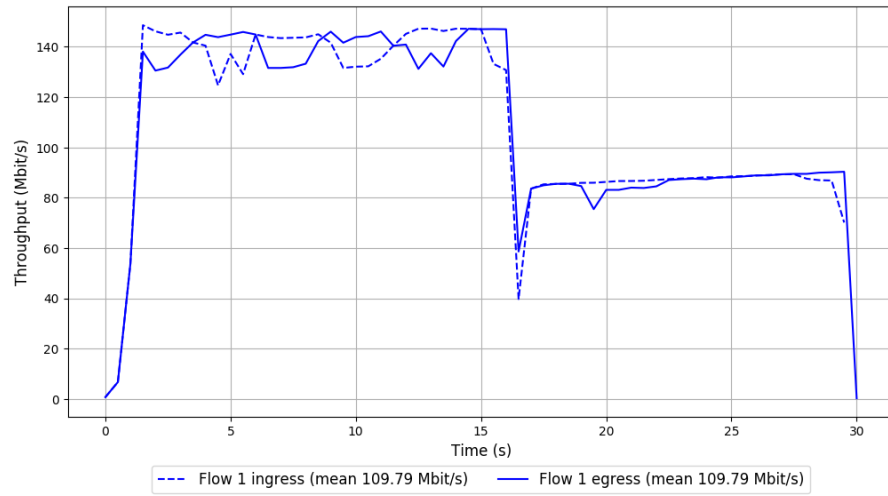
Run 7: Statistics of TCP Vegas

Start at: 2017-11-30 13:38:50  
End at: 2017-11-30 13:39:20  
Local clock offset: -0.227 ms  
Remote clock offset: -1.012 ms

# Below is generated by plot.py at 2017-11-30 15:42:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 109.79 Mbit/s  
95th percentile per-packet one-way delay: 95.044 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 109.79 Mbit/s  
95th percentile per-packet one-way delay: 95.044 ms  
Loss rate: 0.00%



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



Run 8: Statistics of TCP Vegas

Start at: 2017-11-30 13:55:13

End at: 2017-11-30 13:55:43

Local clock offset: -0.281 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.92 Mbit/s

95th percentile per-packet one-way delay: 89.632 ms

Loss rate: 0.02%

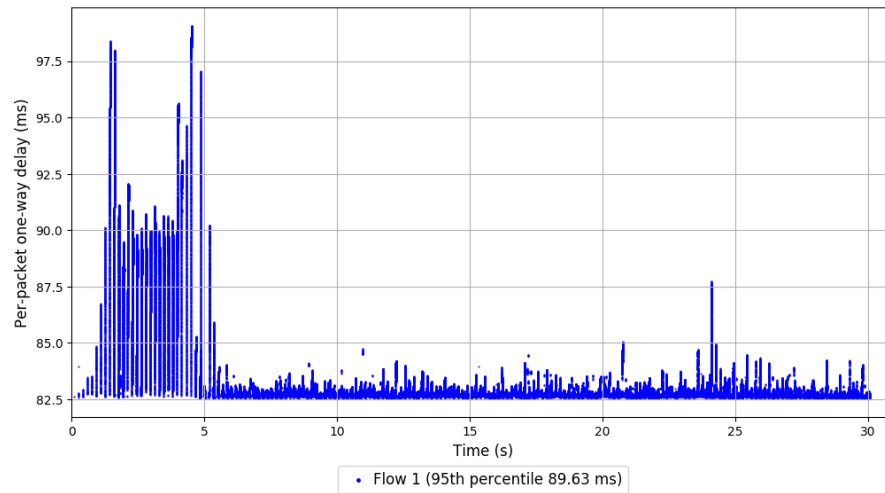
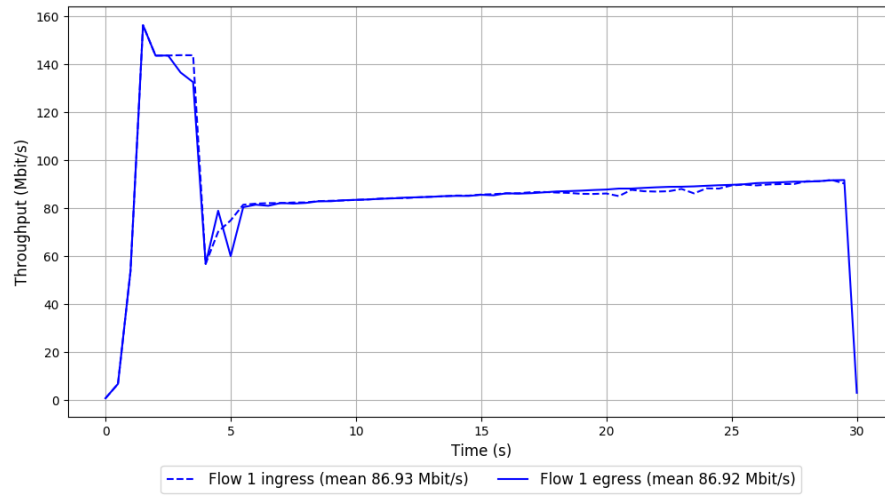
-- Flow 1:

Average throughput: 86.92 Mbit/s

95th percentile per-packet one-way delay: 89.632 ms

Loss rate: 0.02%

# Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-11-30 14:09:46

End at: 2017-11-30 14:10:16

Local clock offset: -0.228 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.02 Mbit/s

95th percentile per-packet one-way delay: 92.871 ms

Loss rate: 0.07%

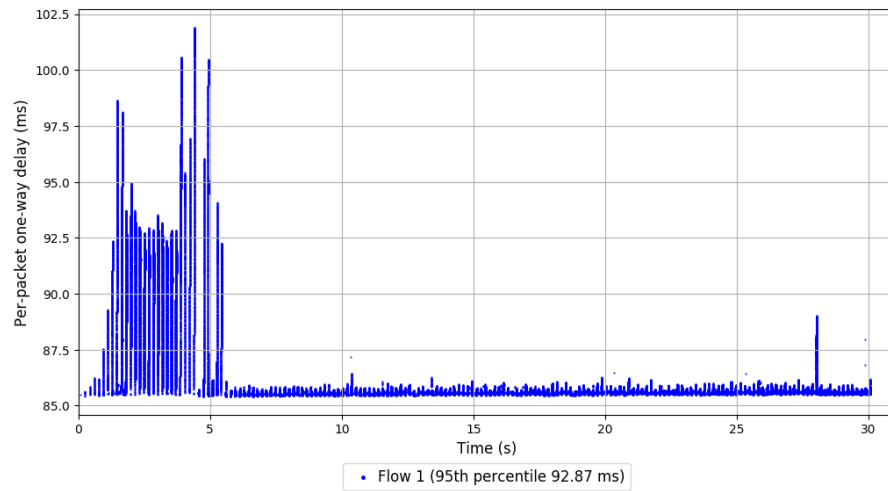
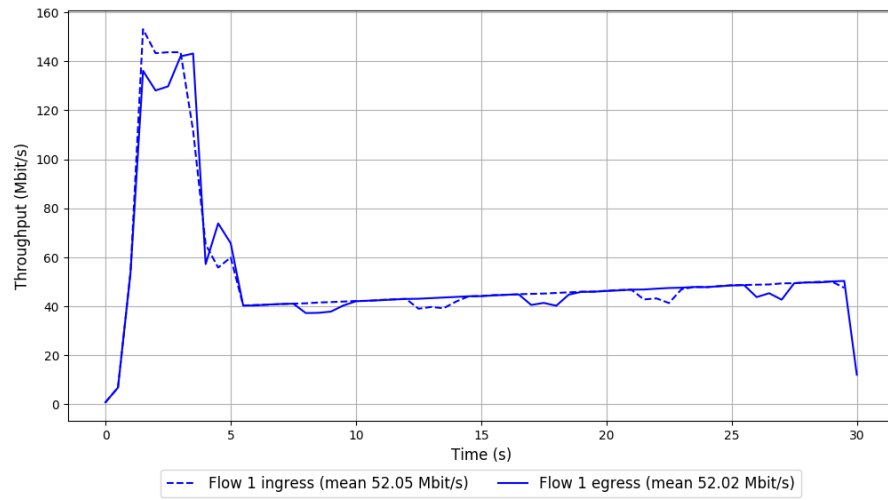
-- Flow 1:

Average throughput: 52.02 Mbit/s

95th percentile per-packet one-way delay: 92.871 ms

Loss rate: 0.07%

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



Run 10: Statistics of TCP Vegas

Start at: 2017-11-30 14:25:55

End at: 2017-11-30 14:26:25

Local clock offset: -0.21 ms

Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2017-11-30 15:42:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.80 Mbit/s

95th percentile per-packet one-way delay: 89.122 ms

Loss rate: 0.00%

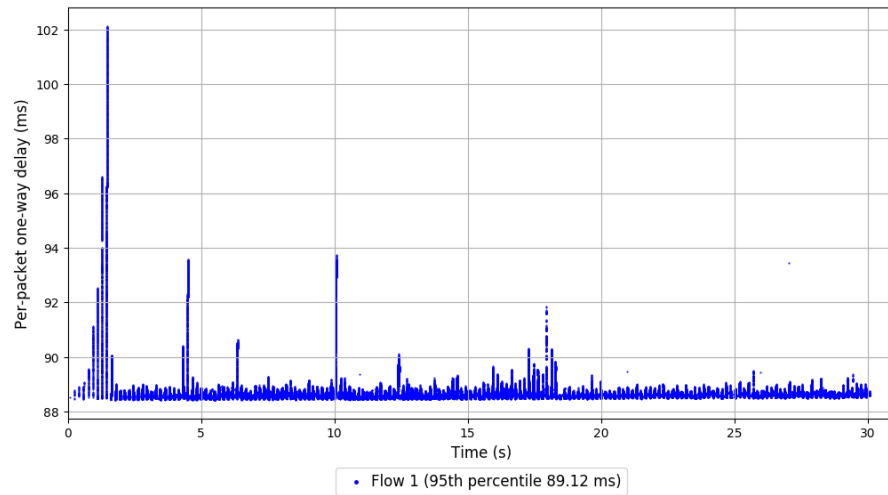
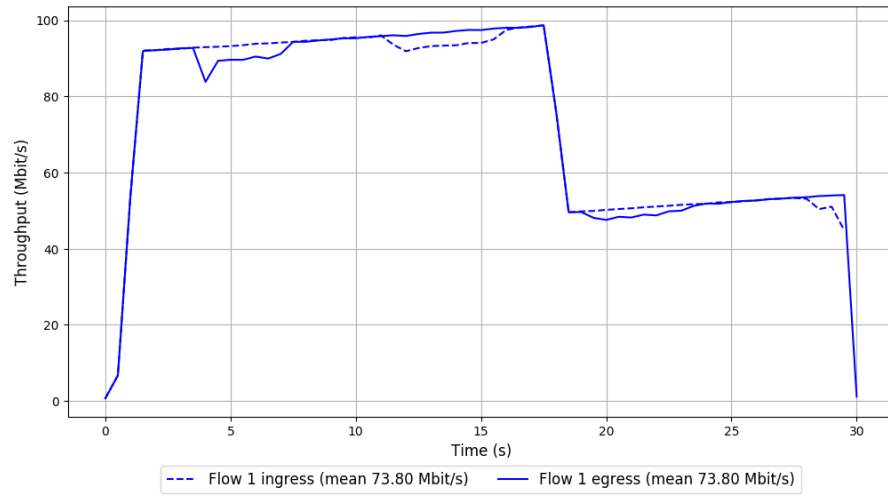
-- Flow 1:

Average throughput: 73.80 Mbit/s

95th percentile per-packet one-way delay: 89.122 ms

Loss rate: 0.00%

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



Run 1: Statistics of Verus

Start at: 2017-11-30 11:48:39

End at: 2017-11-30 11:49:09

Local clock offset: 0.207 ms

Remote clock offset: 4.447 ms

# Below is generated by plot.py at 2017-11-30 15:42:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 246.27 Mbit/s

95th percentile per-packet one-way delay: 219.248 ms

Loss rate: 2.36%

-- Flow 1:

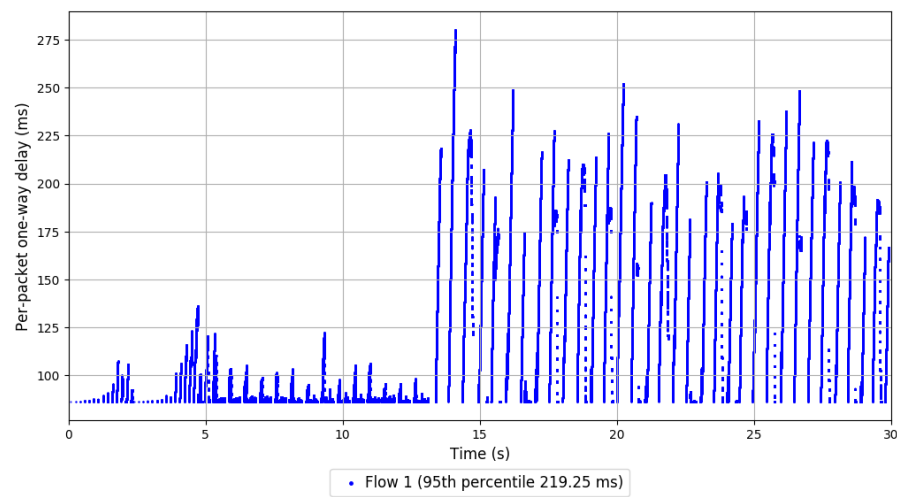
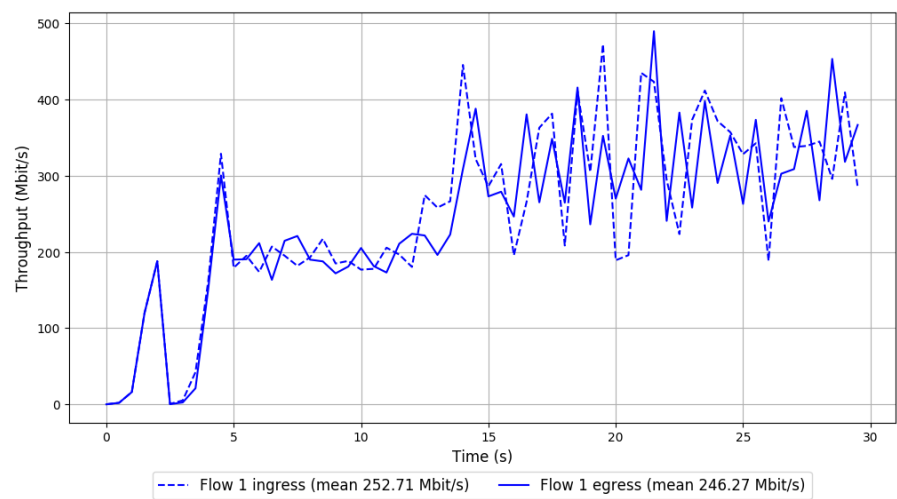
Average throughput: 246.27 Mbit/s

95th percentile per-packet one-way delay: 219.248 ms

Loss rate: 2.36%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-11-30 12:06:39

End at: 2017-11-30 12:07:09

Local clock offset: 0.094 ms

Remote clock offset: 3.538 ms

# Below is generated by plot.py at 2017-11-30 15:42:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 259.62 Mbit/s

95th percentile per-packet one-way delay: 98.890 ms

Loss rate: 0.03%

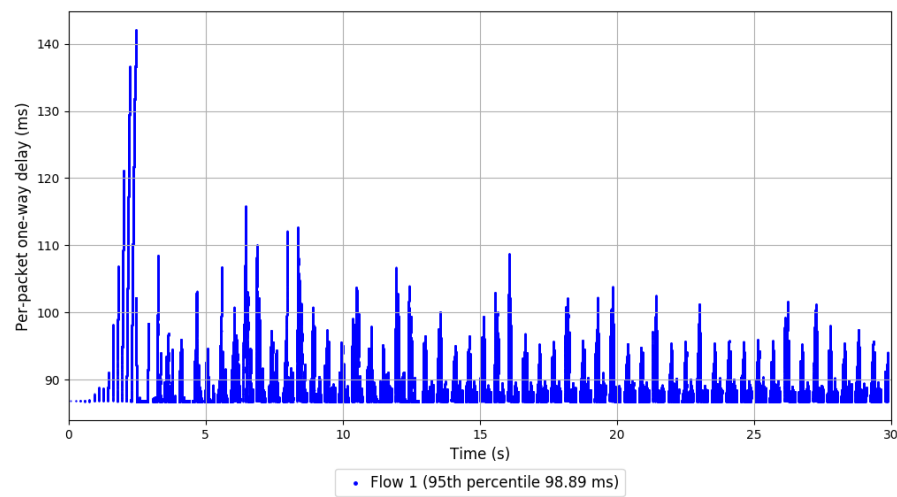
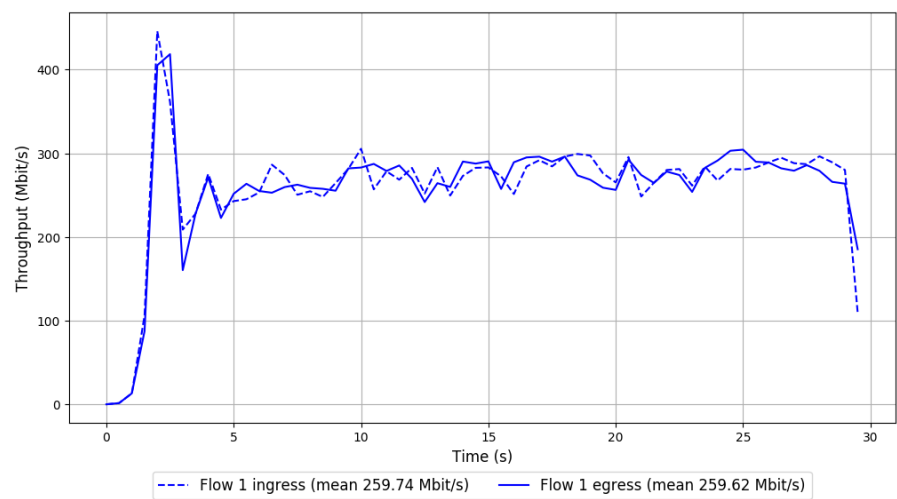
-- Flow 1:

Average throughput: 259.62 Mbit/s

95th percentile per-packet one-way delay: 98.890 ms

Loss rate: 0.03%

Run 2: Report of Verus — Data Link

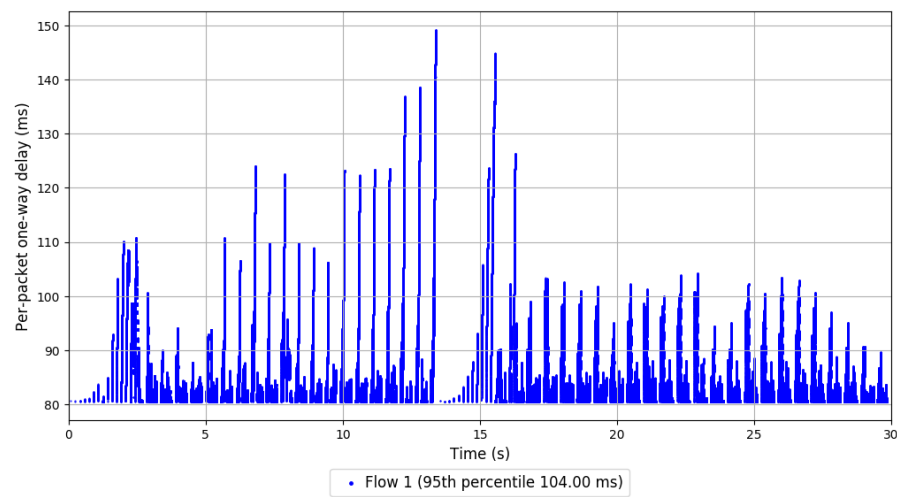
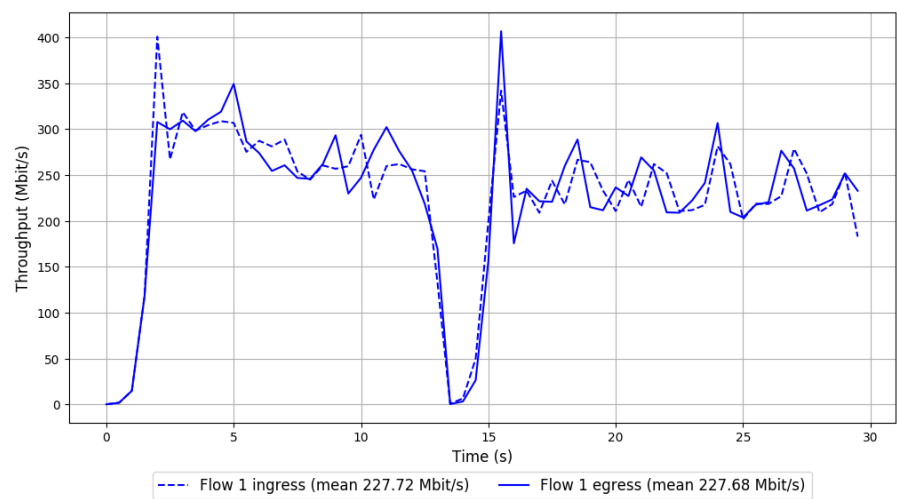


Run 3: Statistics of Verus

Start at: 2017-11-30 12:24:38  
End at: 2017-11-30 12:25:08  
Local clock offset: -0.063 ms  
Remote clock offset: -1.263 ms

# Below is generated by plot.py at 2017-11-30 15:42:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 227.68 Mbit/s  
95th percentile per-packet one-way delay: 104.004 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 227.68 Mbit/s  
95th percentile per-packet one-way delay: 104.004 ms  
Loss rate: 0.02%

Run 3: Report of Verus — Data Link

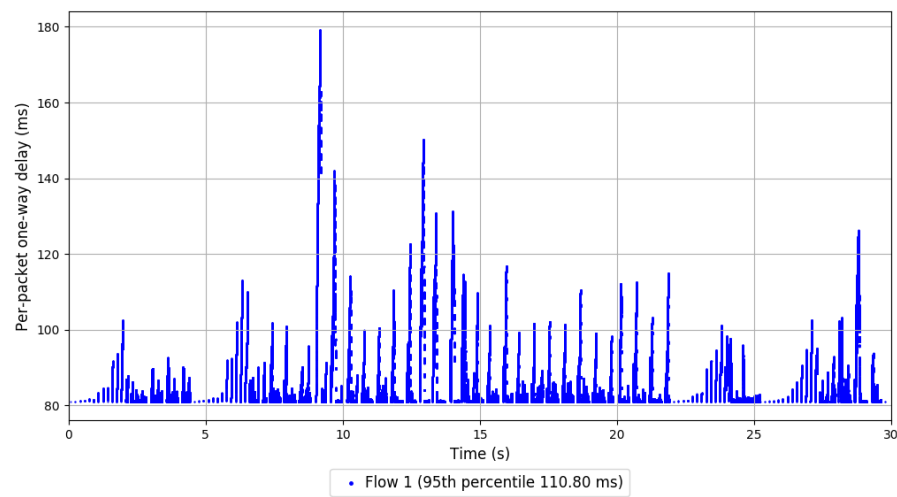
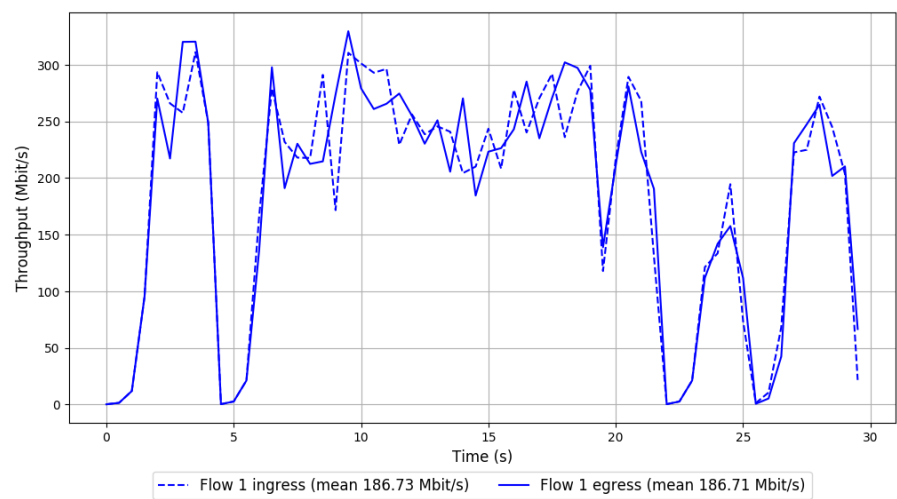


Run 4: Statistics of Verus

Start at: 2017-11-30 12:42:37  
End at: 2017-11-30 12:43:07  
Local clock offset: -0.154 ms  
Remote clock offset: -0.908 ms

# Below is generated by plot.py at 2017-11-30 15:42:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 186.71 Mbit/s  
95th percentile per-packet one-way delay: 110.798 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 186.71 Mbit/s  
95th percentile per-packet one-way delay: 110.798 ms  
Loss rate: 0.01%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-11-30 13:00:33

End at: 2017-11-30 13:01:03

Local clock offset: -0.269 ms

Remote clock offset: 3.708 ms

# Below is generated by plot.py at 2017-11-30 15:42:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 200.79 Mbit/s

95th percentile per-packet one-way delay: 129.993 ms

Loss rate: 0.06%

-- Flow 1:

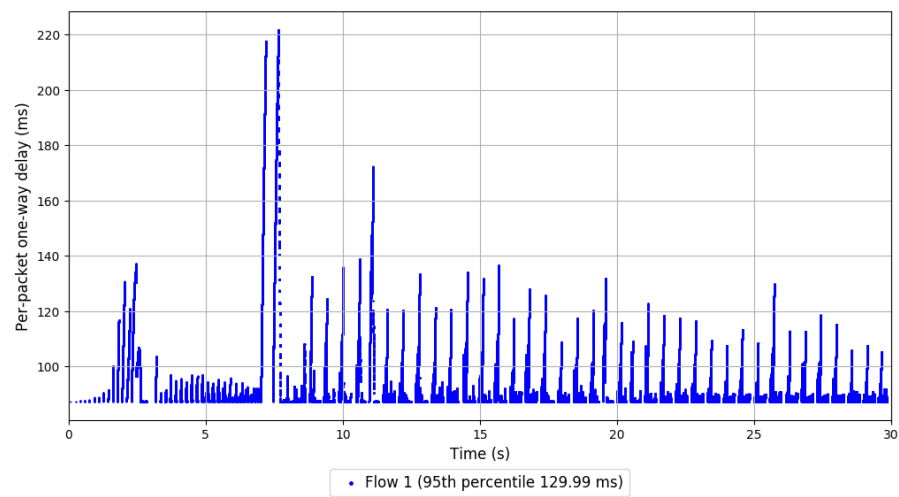
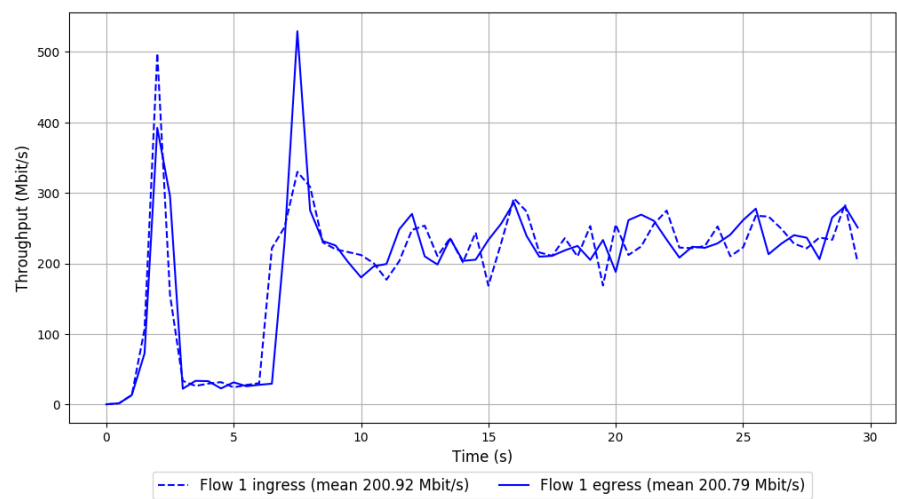
Average throughput: 200.79 Mbit/s

95th percentile per-packet one-way delay: 129.993 ms

Loss rate: 0.06%



Run 5: Report of Verus — Data Link

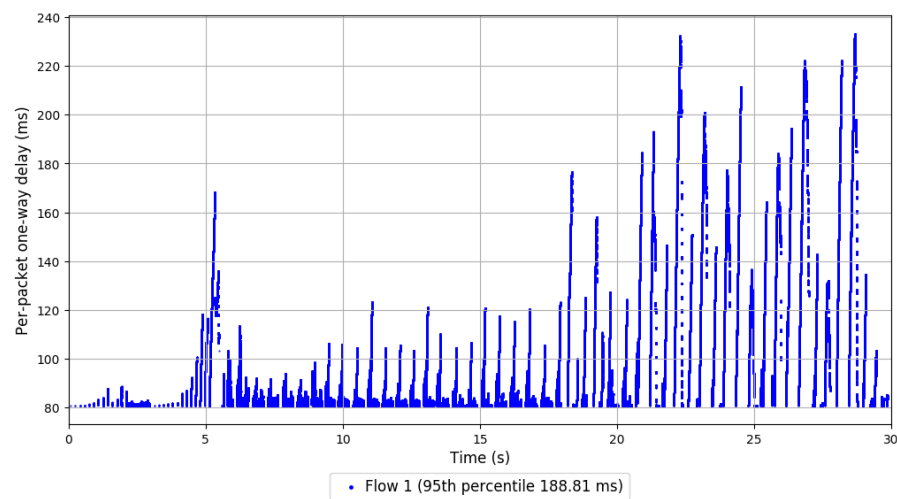
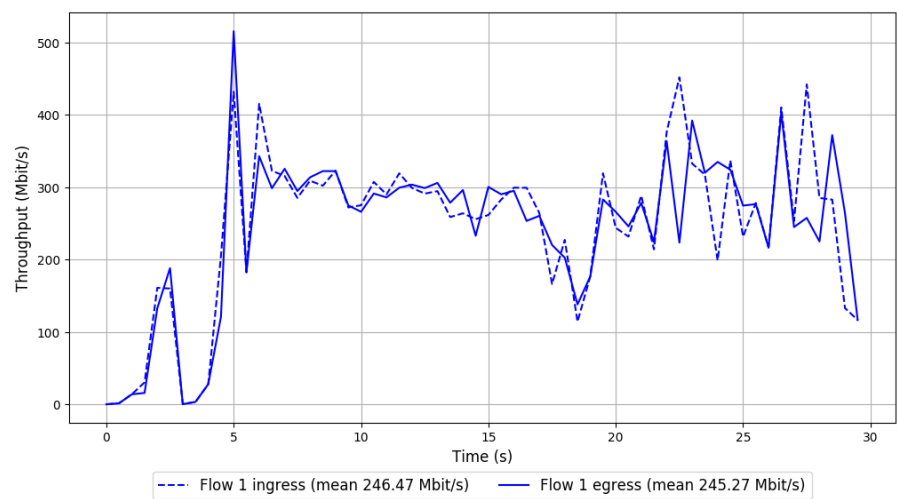


Run 6: Statistics of Verus

Start at: 2017-11-30 13:18:26  
End at: 2017-11-30 13:18:56  
Local clock offset: -0.271 ms  
Remote clock offset: -1.033 ms

# Below is generated by plot.py at 2017-11-30 15:42:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 245.27 Mbit/s  
95th percentile per-packet one-way delay: 188.815 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 245.27 Mbit/s  
95th percentile per-packet one-way delay: 188.815 ms  
Loss rate: 0.48%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-11-30 13:36:20

End at: 2017-11-30 13:36:50

Local clock offset: -0.221 ms

Remote clock offset: -0.84 ms

# Below is generated by plot.py at 2017-11-30 15:43:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 162.01 Mbit/s

95th percentile per-packet one-way delay: 114.679 ms

Loss rate: 2.39%

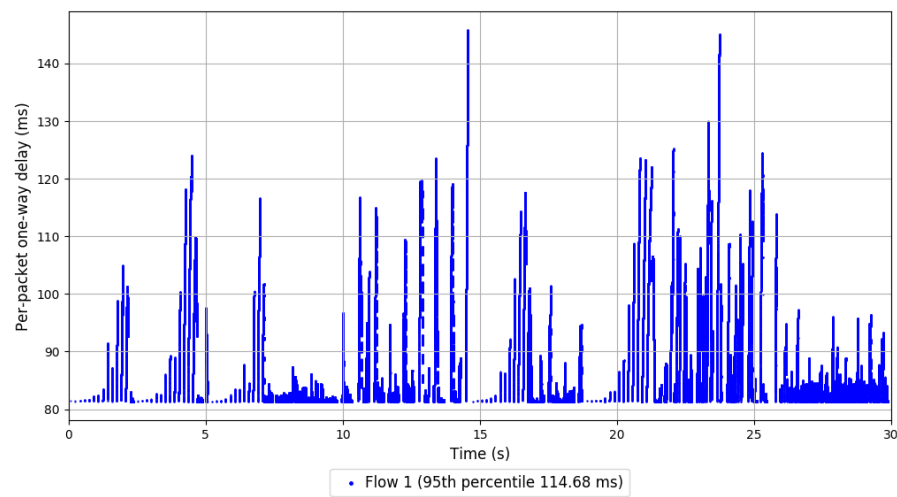
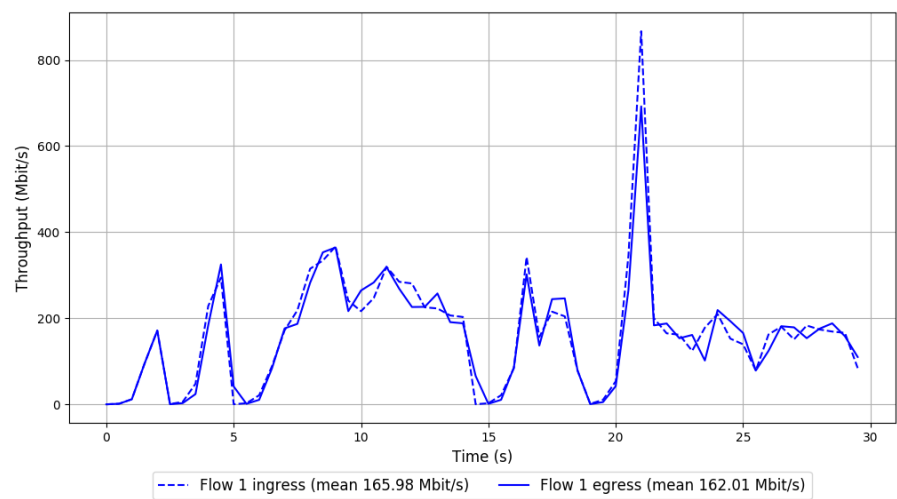
-- Flow 1:

Average throughput: 162.01 Mbit/s

95th percentile per-packet one-way delay: 114.679 ms

Loss rate: 2.39%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-11-30 13:53:03

End at: 2017-11-30 13:53:33

Local clock offset: -0.223 ms

# Below is generated by plot.py at 2017-11-30 15:46:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 286.68 Mbit/s

95th percentile per-packet one-way delay: 106.054 ms

Loss rate: 0.31%

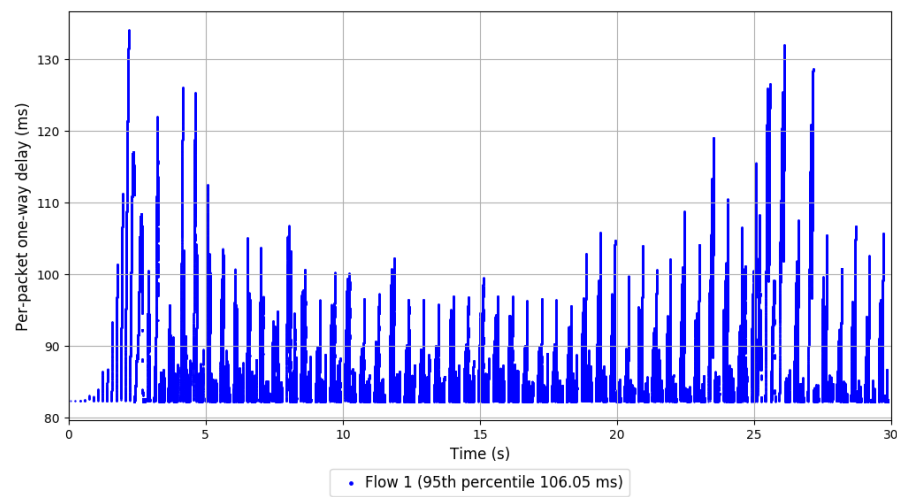
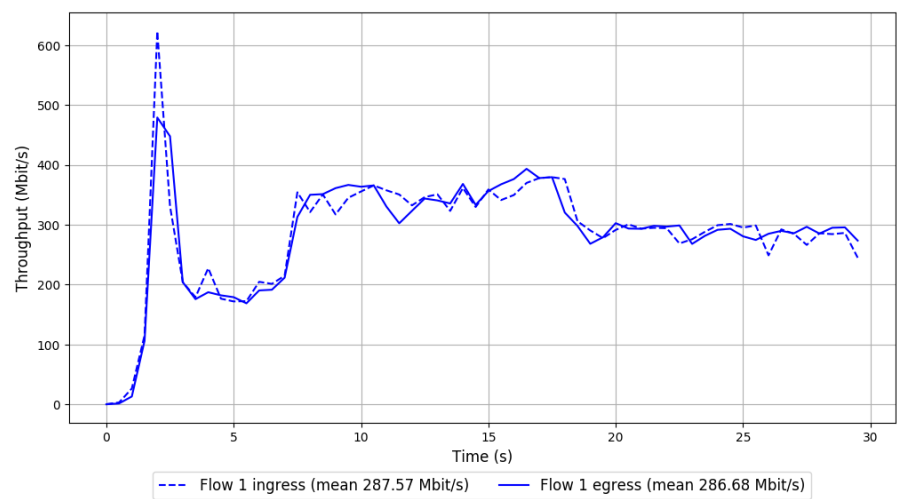
-- Flow 1:

Average throughput: 286.68 Mbit/s

95th percentile per-packet one-way delay: 106.054 ms

Loss rate: 0.31%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-11-30 14:07:38

End at: 2017-11-30 14:08:08

Local clock offset: -0.291 ms

# Below is generated by plot.py at 2017-11-30 15:46:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 249.99 Mbit/s

95th percentile per-packet one-way delay: 110.511 ms

Loss rate: 2.63%

-- Flow 1:

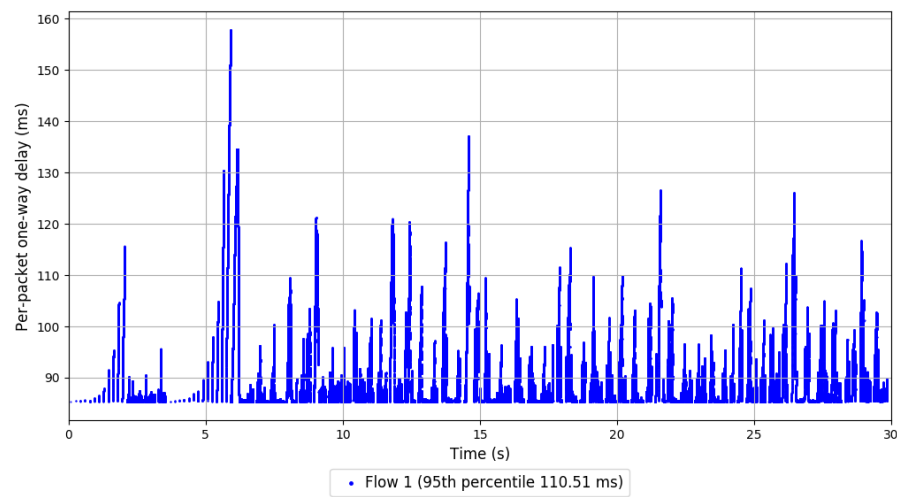
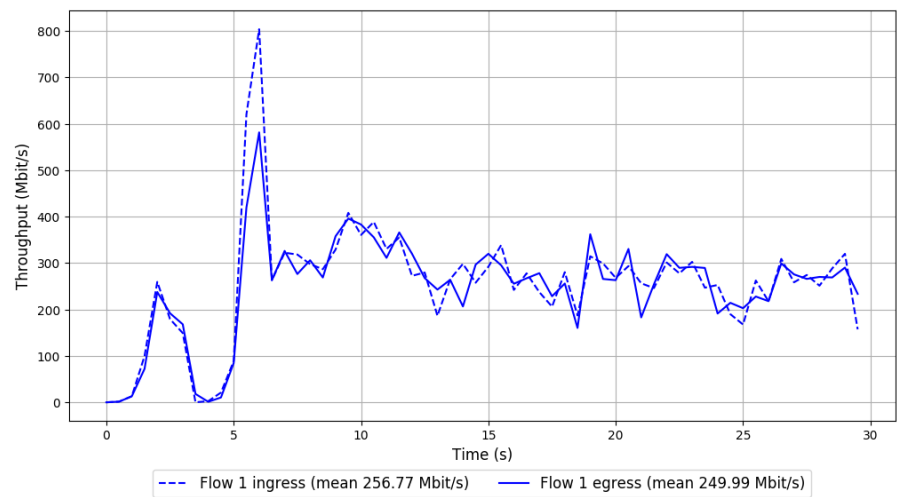
Average throughput: 249.99 Mbit/s

95th percentile per-packet one-way delay: 110.511 ms

Loss rate: 2.63%



Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-11-30 14:23:20

End at: 2017-11-30 14:23:50

Local clock offset: -0.218 ms

Remote clock offset: -0.87 ms

# Below is generated by plot.py at 2017-11-30 15:46:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 233.35 Mbit/s

95th percentile per-packet one-way delay: 129.750 ms

Loss rate: 0.57%

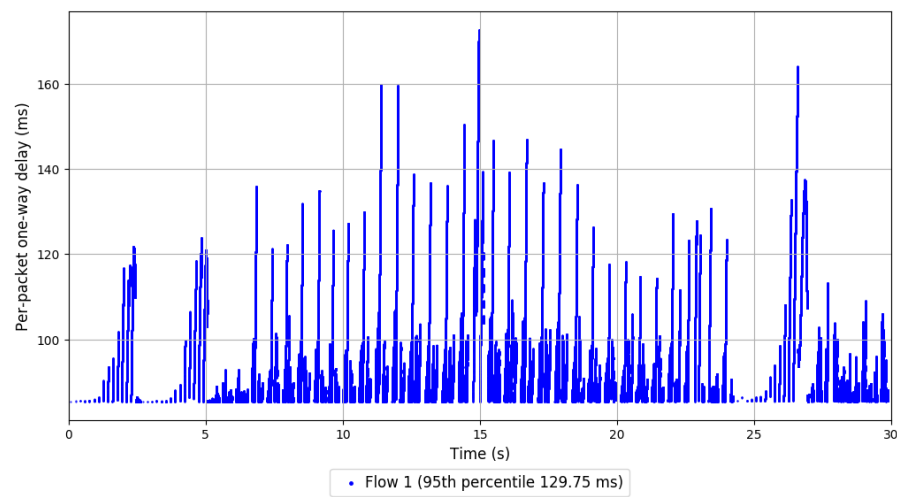
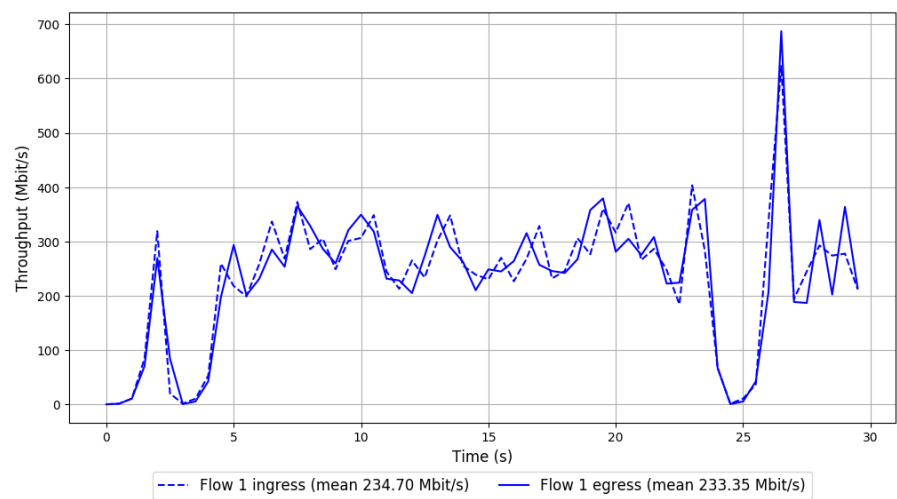
-- Flow 1:

Average throughput: 233.35 Mbit/s

95th percentile per-packet one-way delay: 129.750 ms

Loss rate: 0.57%

Run 10: Report of Verus — Data Link

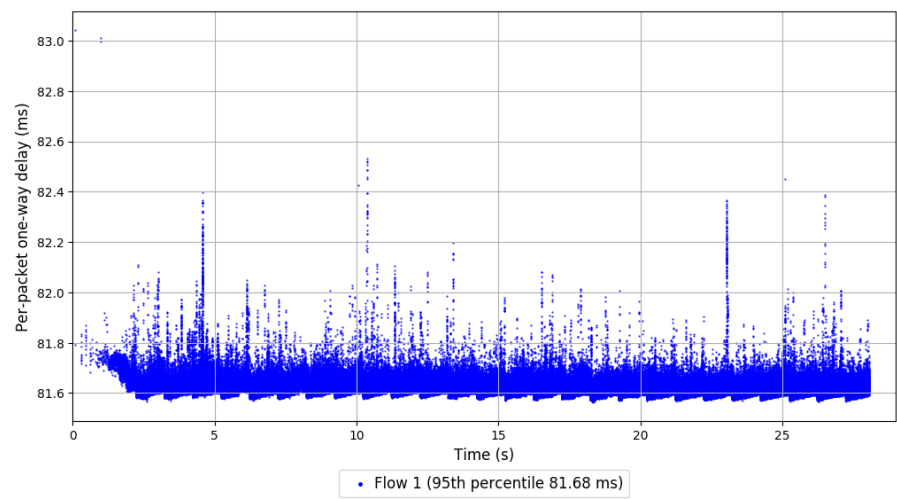
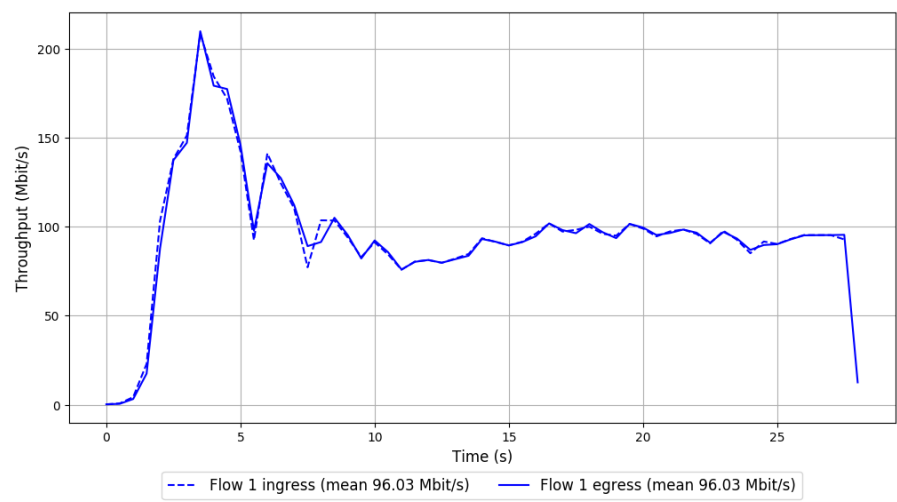


Run 1: Statistics of Copa

Start at: 2017-11-30 11:56:09  
End at: 2017-11-30 11:56:39  
Local clock offset: 0.21 ms  
Remote clock offset: -1.281 ms

# Below is generated by plot.py at 2017-11-30 15:46:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.03 Mbit/s  
95th percentile per-packet one-way delay: 81.681 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 96.03 Mbit/s  
95th percentile per-packet one-way delay: 81.681 ms  
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

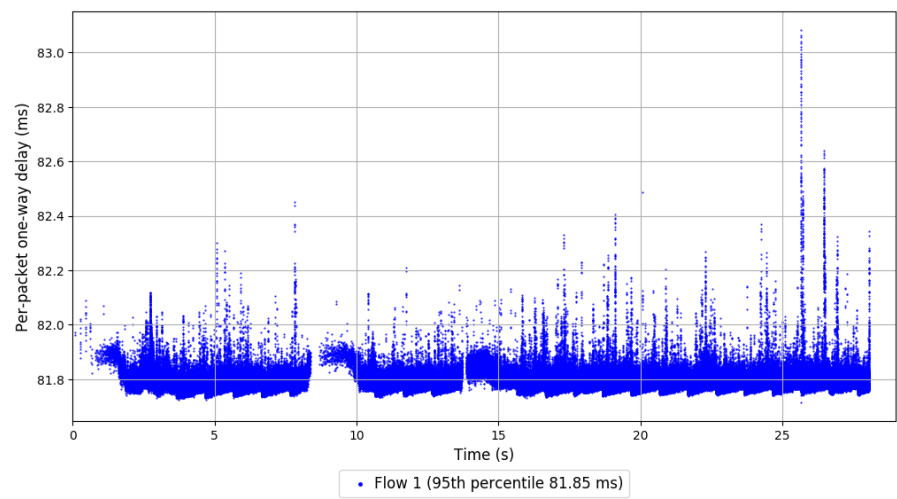
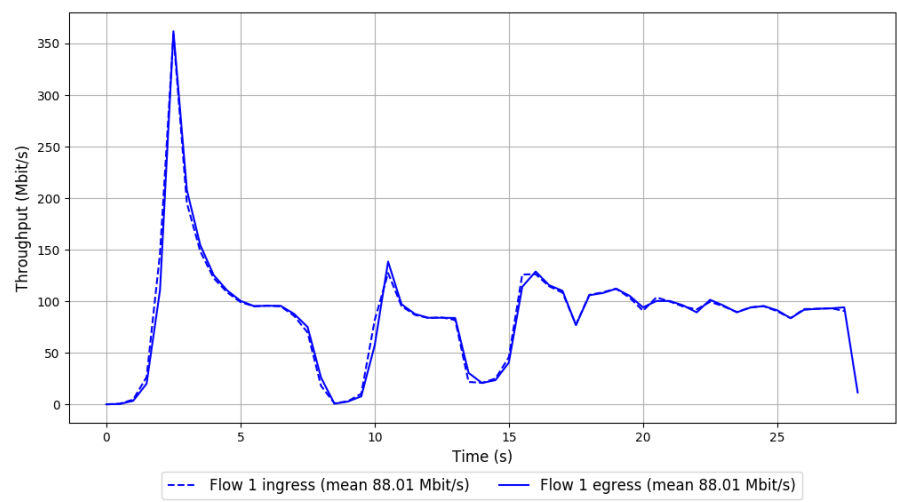


Run 2: Statistics of Copa

Start at: 2017-11-30 12:14:10  
End at: 2017-11-30 12:14:40  
Local clock offset: 0.037 ms  
Remote clock offset: -0.111 ms

# Below is generated by plot.py at 2017-11-30 15:46:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.01 Mbit/s  
95th percentile per-packet one-way delay: 81.849 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 88.01 Mbit/s  
95th percentile per-packet one-way delay: 81.849 ms  
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



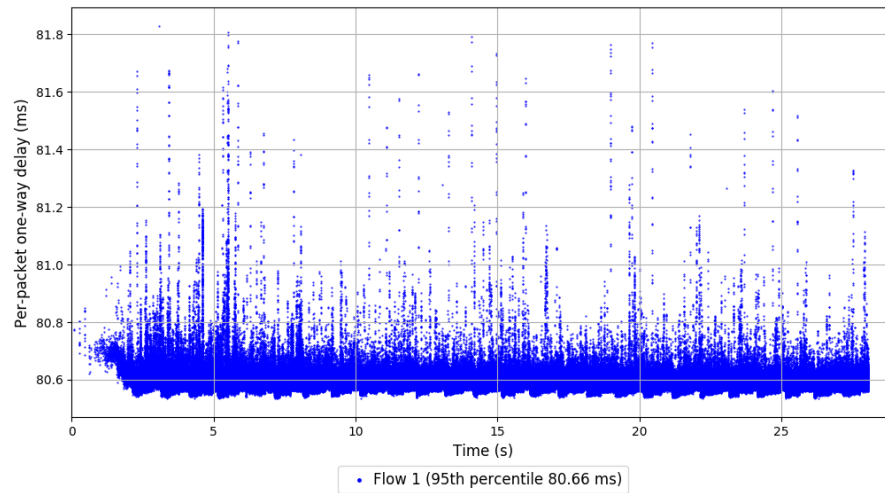
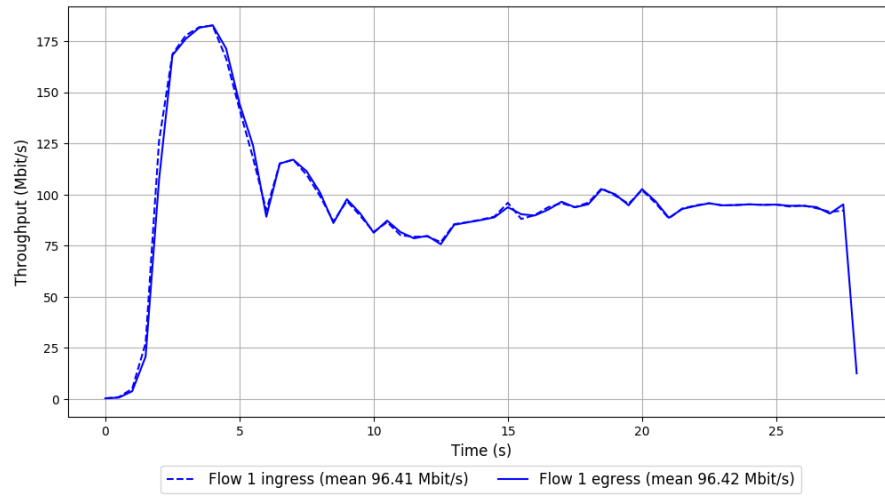
Run 3: Statistics of Copa

Start at: 2017-11-30 12:32:08  
End at: 2017-11-30 12:32:38  
Local clock offset: -0.09 ms  
Remote clock offset: -1.111 ms

# Below is generated by plot.py at 2017-11-30 15:46:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 80.659 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 80.659 ms  
Loss rate: 0.00%



### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-11-30 12:50:01

End at: 2017-11-30 12:50:31

Local clock offset: -0.19 ms

Remote clock offset: 3.915 ms

# Below is generated by plot.py at 2017-11-30 15:46:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.74 Mbit/s

95th percentile per-packet one-way delay: 85.527 ms

Loss rate: 0.00%

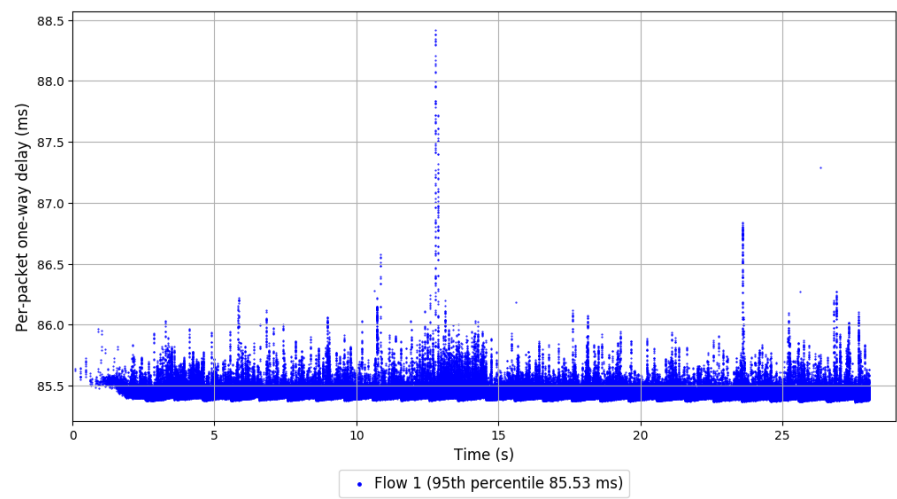
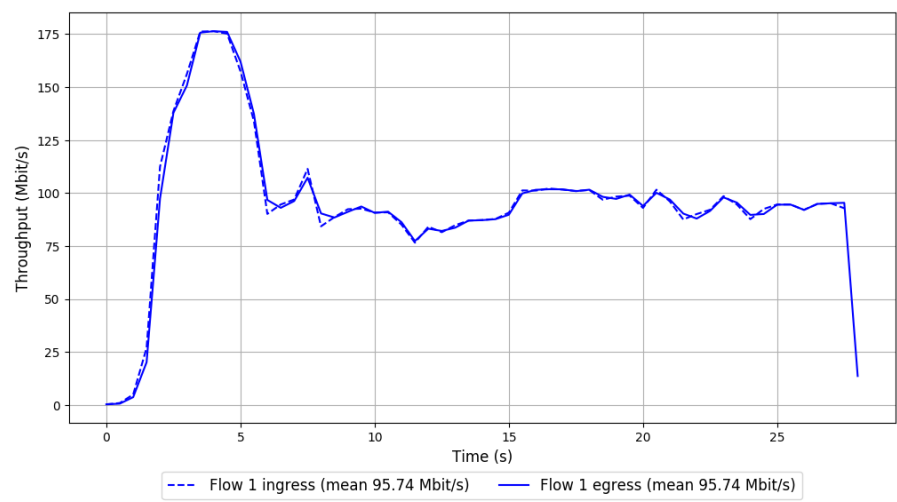
-- Flow 1:

Average throughput: 95.74 Mbit/s

95th percentile per-packet one-way delay: 85.527 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link

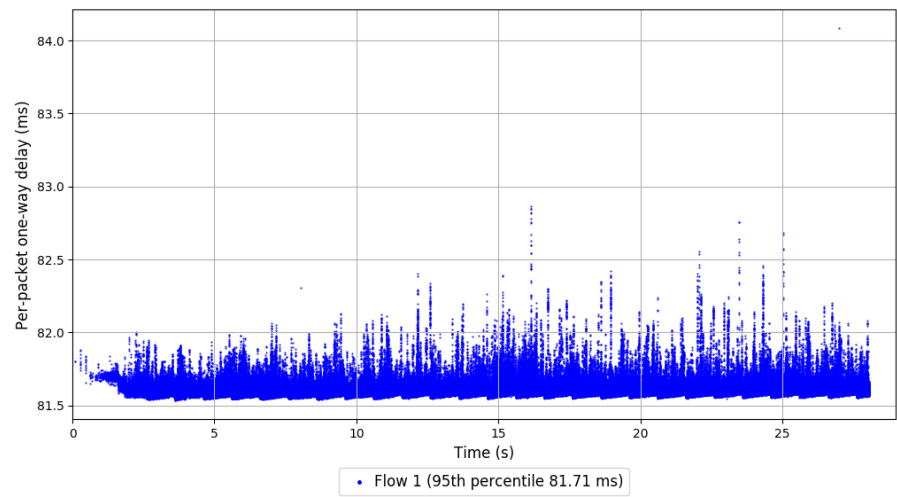
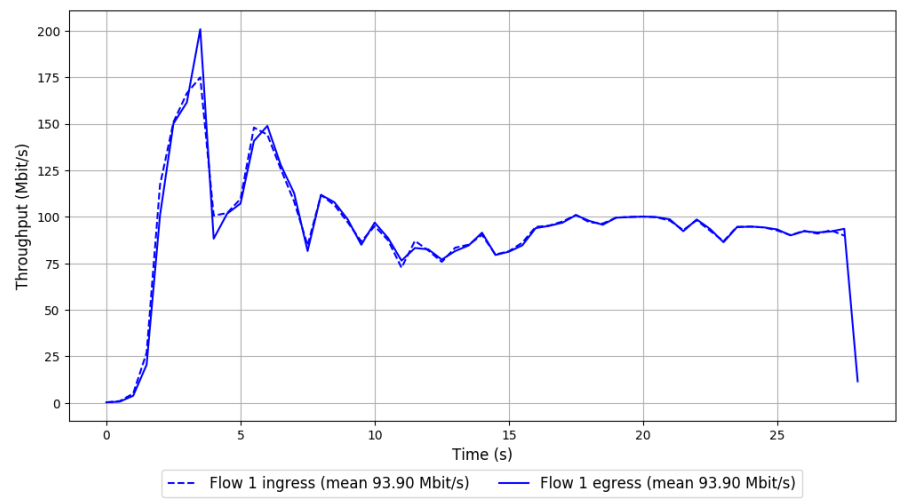


Run 5: Statistics of Copa

Start at: 2017-11-30 13:07:56  
End at: 2017-11-30 13:08:26  
Local clock offset: -0.274 ms  
Remote clock offset: -0.031 ms

# Below is generated by plot.py at 2017-11-30 15:46:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.90 Mbit/s  
95th percentile per-packet one-way delay: 81.712 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 93.90 Mbit/s  
95th percentile per-packet one-way delay: 81.712 ms  
Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

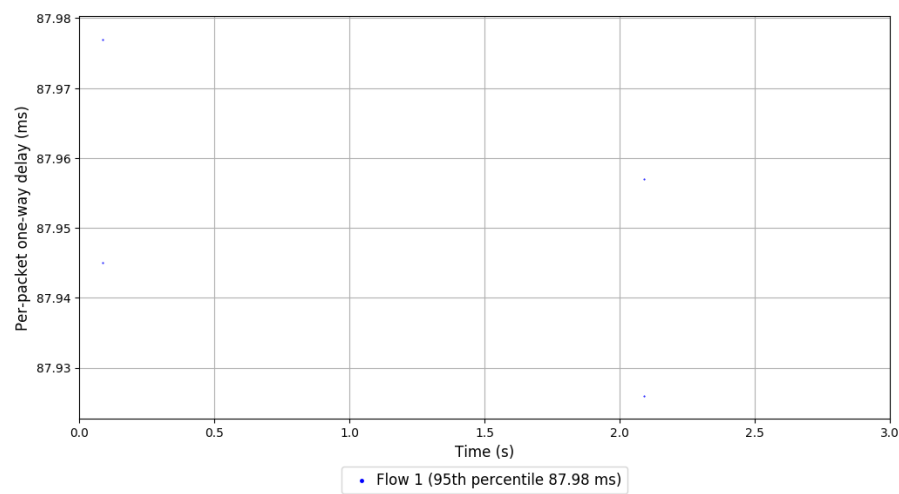
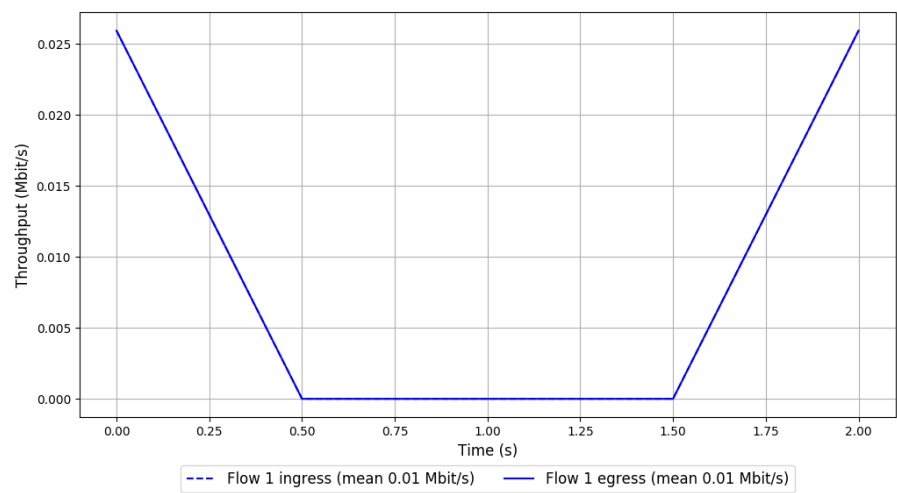
Start at: 2017-11-30 13:25:57

End at: 2017-11-30 13:26:27

Local clock offset: -0.239 ms

Remote clock offset: 3.952 ms

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-11-30 13:43:44

End at: 2017-11-30 13:44:14

Local clock offset: -0.2 ms

Remote clock offset: 3.568 ms

# Below is generated by plot.py at 2017-11-30 15:46:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.27 Mbit/s

95th percentile per-packet one-way delay: 86.326 ms

Loss rate: 0.00%

-- Flow 1:

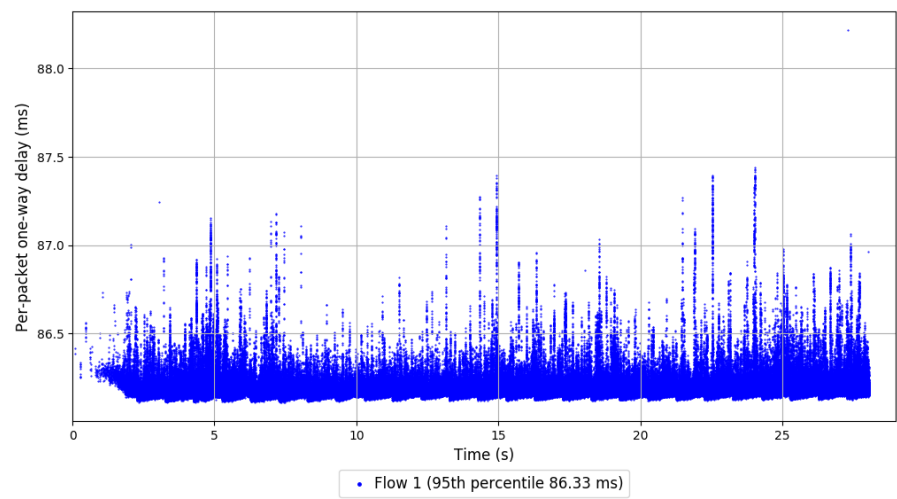
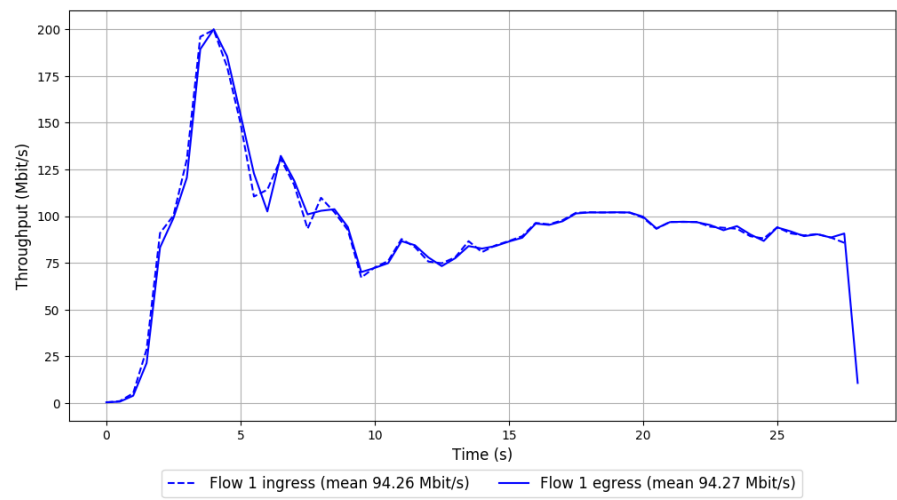
Average throughput: 94.27 Mbit/s

95th percentile per-packet one-way delay: 86.326 ms

Loss rate: 0.00%



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-11-30 13:59:08

End at: 2017-11-30 13:59:38

Local clock offset: -0.207 ms

# Below is generated by plot.py at 2017-11-30 15:46:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 83.314 ms

Loss rate: 0.00%

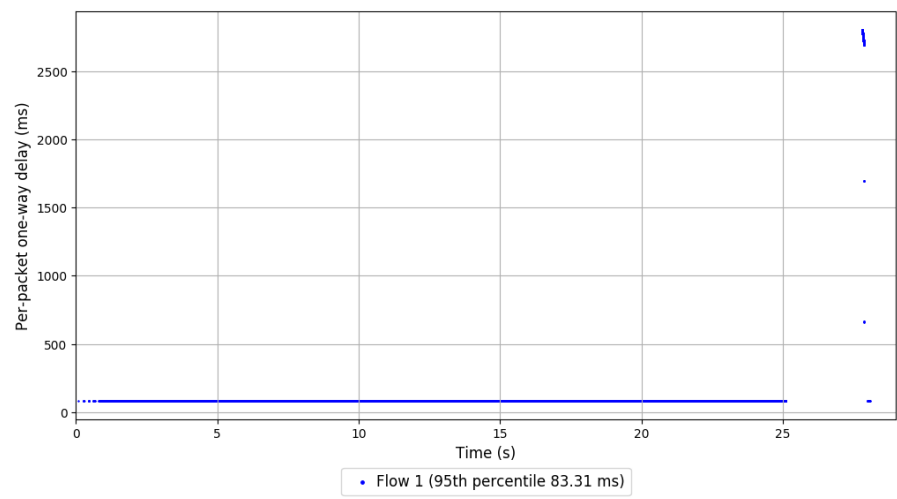
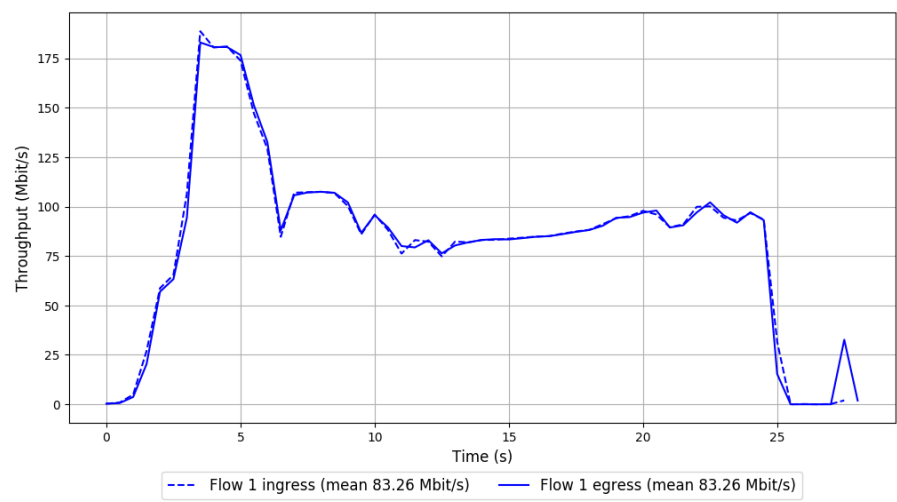
-- Flow 1:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 83.314 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-11-30 14:13:38

End at: 2017-11-30 14:14:08

Local clock offset: -0.215 ms

# Below is generated by plot.py at 2017-11-30 15:47:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.44 Mbit/s

95th percentile per-packet one-way delay: 86.130 ms

Loss rate: 0.00%

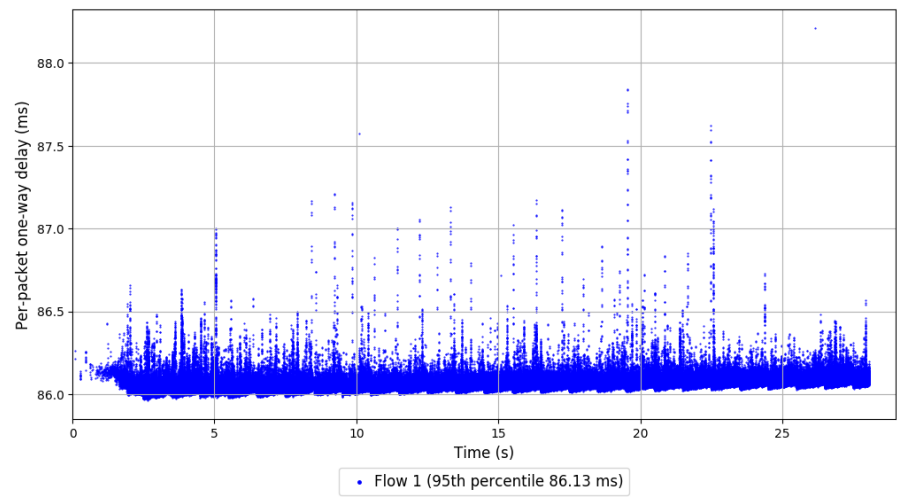
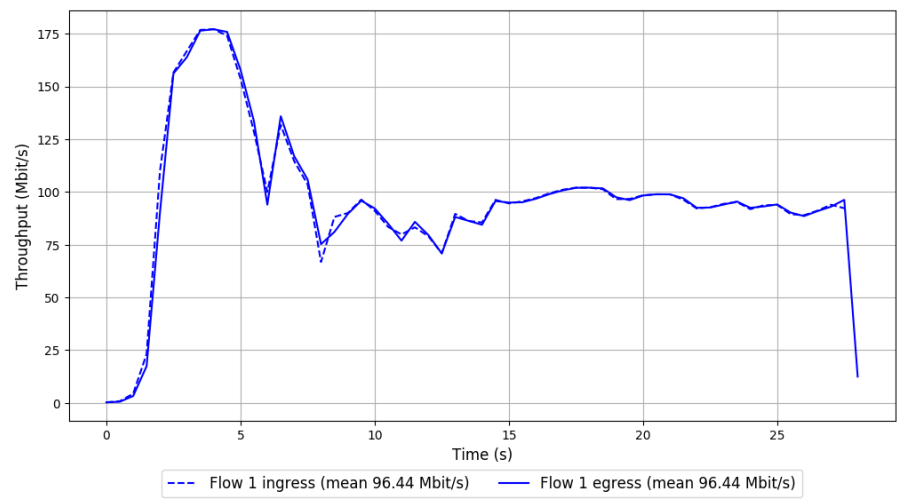
-- Flow 1:

Average throughput: 96.44 Mbit/s

95th percentile per-packet one-way delay: 86.130 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-11-30 14:30:46

End at: 2017-11-30 14:31:16

Local clock offset: -0.25 ms

Remote clock offset: -6.419 ms

# Below is generated by plot.py at 2017-11-30 15:47:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 83.041 ms

Loss rate: 0.01%

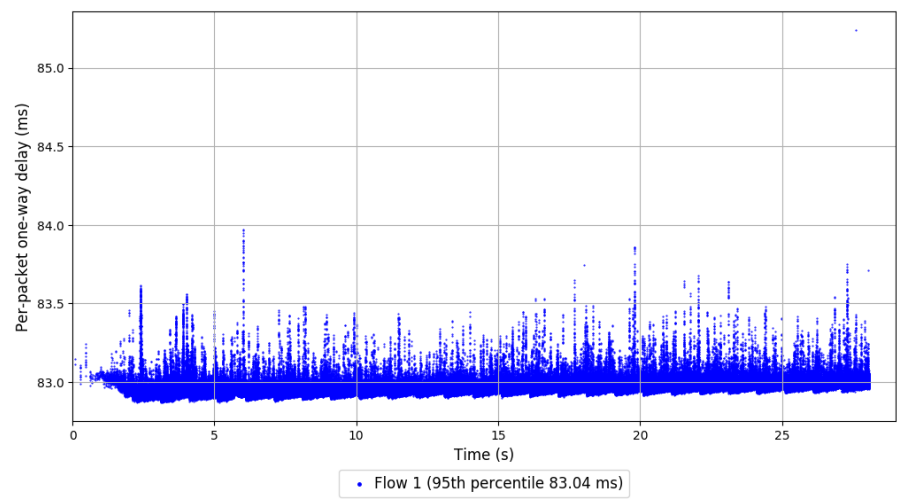
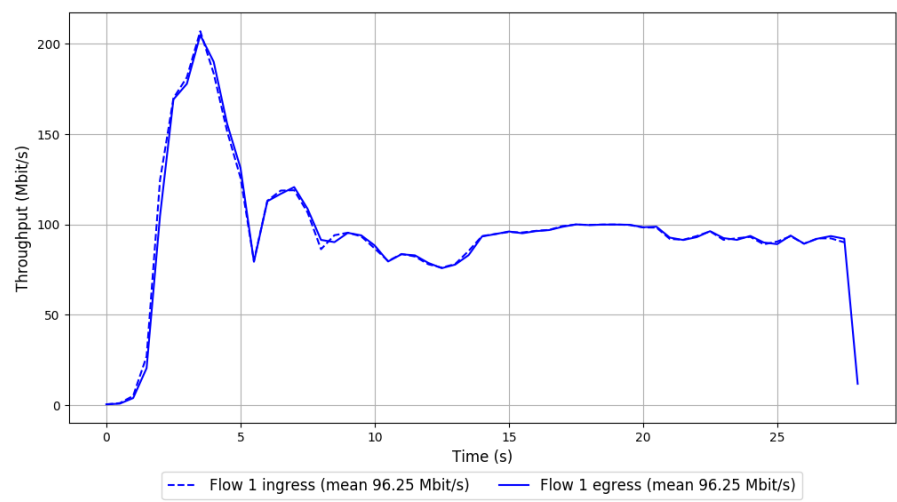
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 83.041 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link



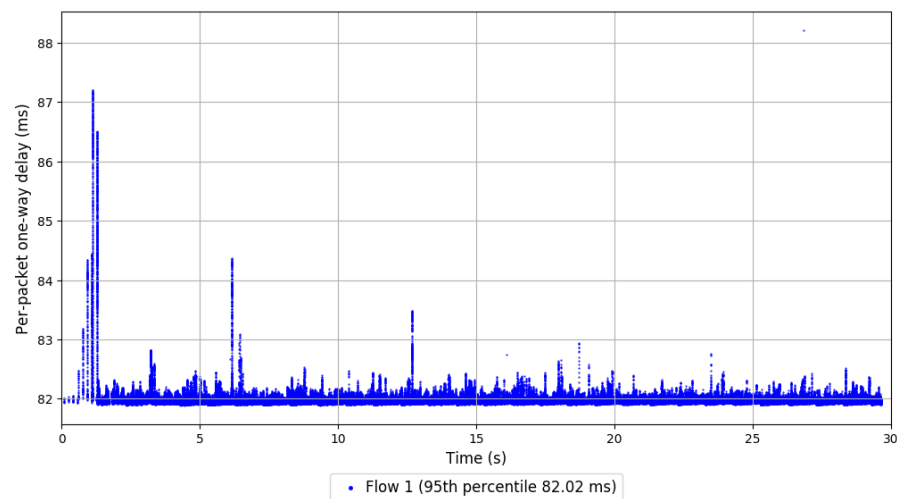
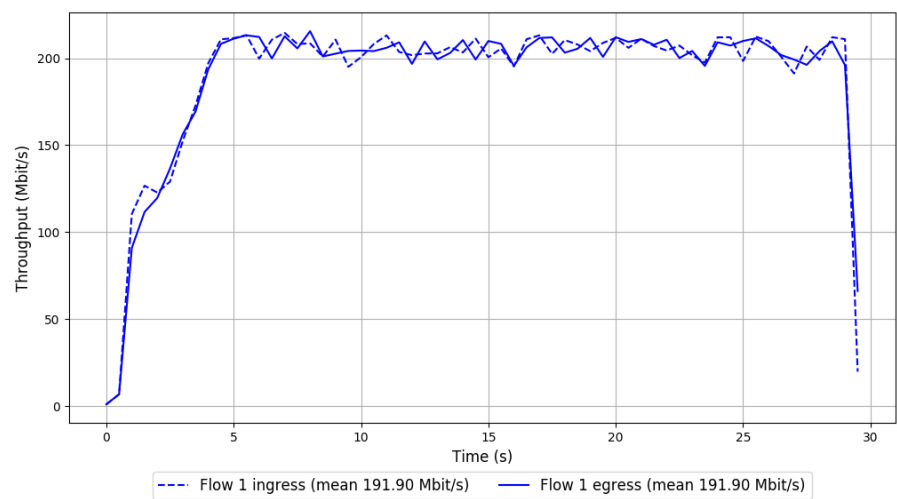
```
Run 1: Statistics of Indigo

Start at: 2017-11-30 12:00:05
End at: 2017-11-30 12:00:35
Local clock offset: 0.142 ms
Remote clock offset: -1.036 ms

# Below is generated by plot.py at 2017-11-30 15:48:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 191.90 Mbit/s
95th percentile per-packet one-way delay: 82.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.90 Mbit/s
95th percentile per-packet one-way delay: 82.021 ms
Loss rate: 0.00%
```



Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-11-30 12:18:04

End at: 2017-11-30 12:18:34

Local clock offset: -0.002 ms

Remote clock offset: 3.62 ms

# Below is generated by plot.py at 2017-11-30 15:48:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 187.03 Mbit/s

95th percentile per-packet one-way delay: 85.726 ms

Loss rate: 0.00%

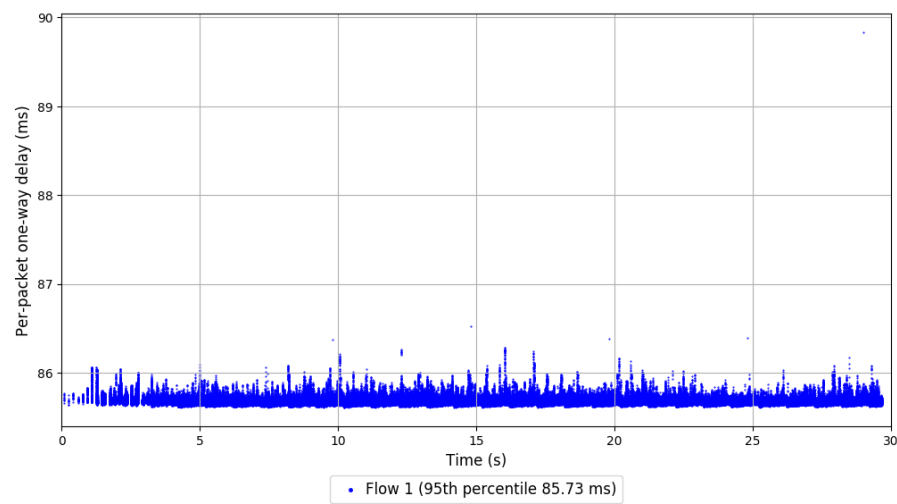
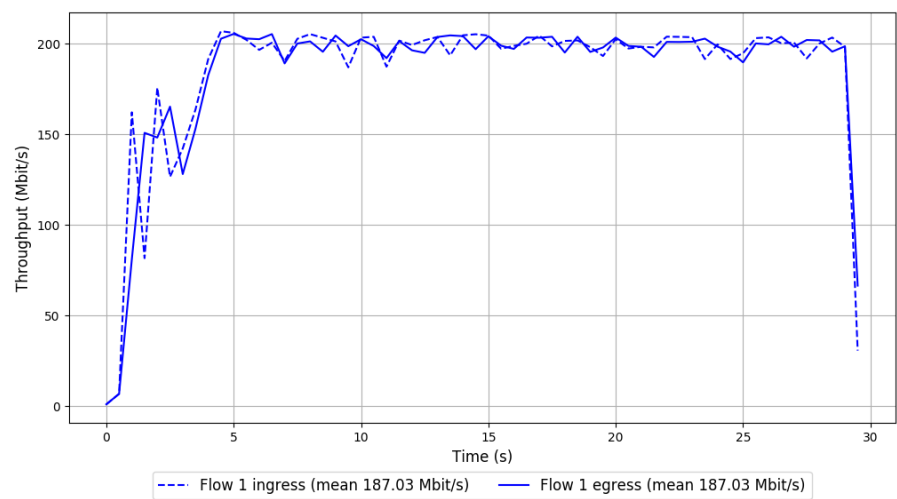
-- Flow 1:

Average throughput: 187.03 Mbit/s

95th percentile per-packet one-way delay: 85.726 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-11-30 12:36:02

End at: 2017-11-30 12:36:32

Local clock offset: -0.156 ms

Remote clock offset: 4.327 ms

# Below is generated by plot.py at 2017-11-30 15:48:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 190.01 Mbit/s

95th percentile per-packet one-way delay: 86.546 ms

Loss rate: 0.00%

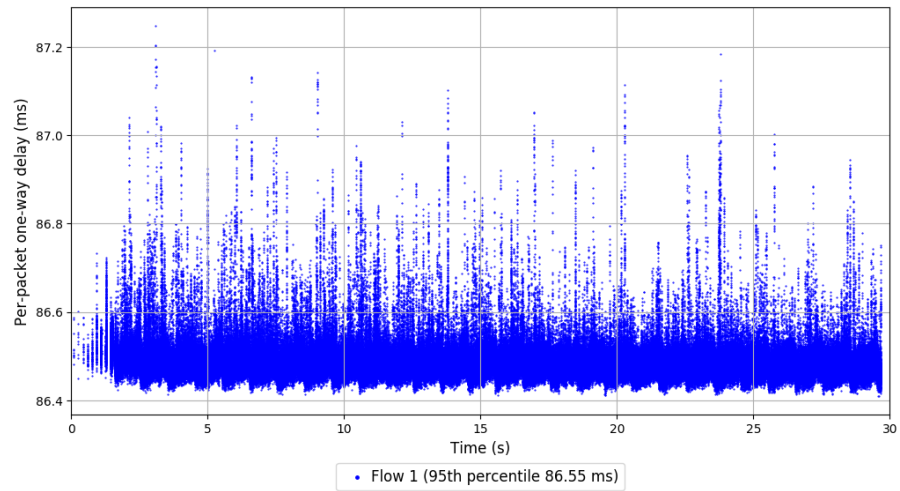
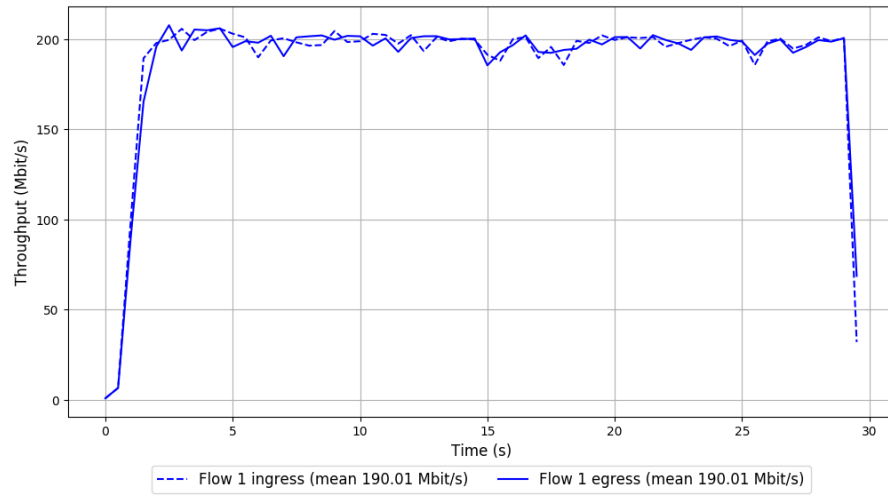
-- Flow 1:

Average throughput: 190.01 Mbit/s

95th percentile per-packet one-way delay: 86.546 ms

Loss rate: 0.00%

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



Run 4: Statistics of Indigo

Start at: 2017-11-30 12:53:57

End at: 2017-11-30 12:54:27

Local clock offset: -0.177 ms

Remote clock offset: 5.39 ms

# Below is generated by plot.py at 2017-11-30 15:49:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 192.95 Mbit/s

95th percentile per-packet one-way delay: 86.968 ms

Loss rate: 0.00%

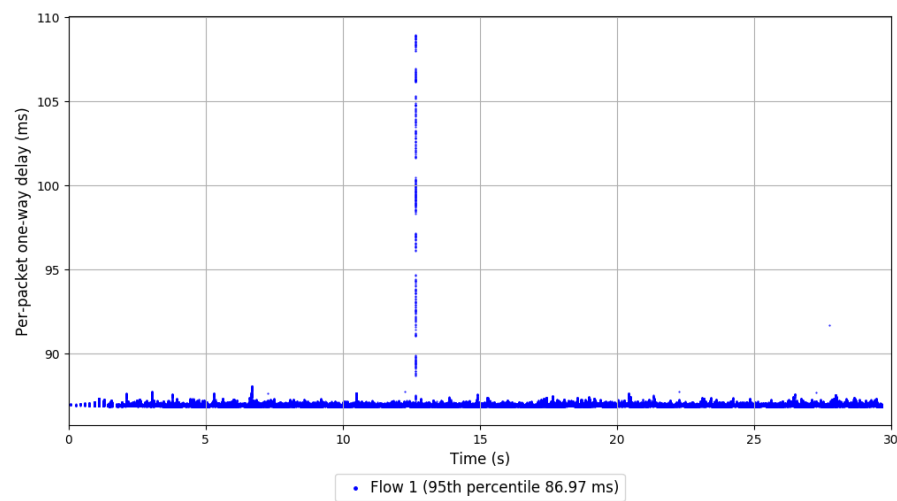
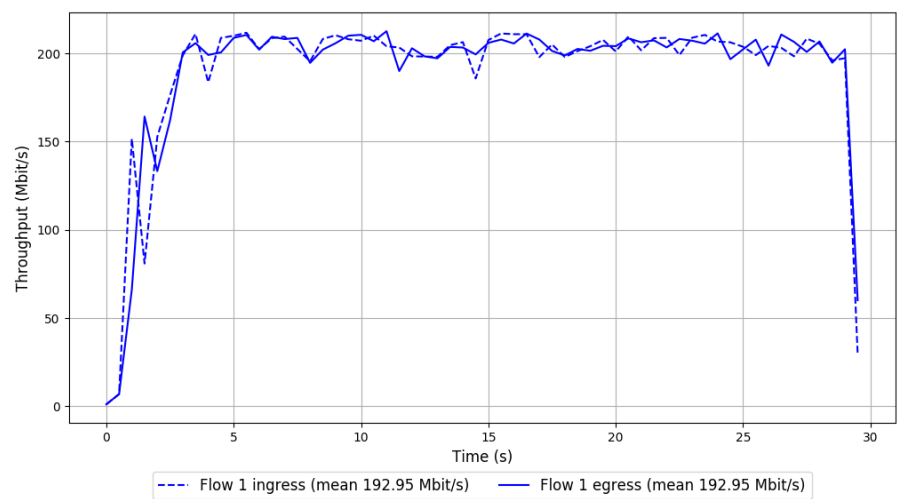
-- Flow 1:

Average throughput: 192.95 Mbit/s

95th percentile per-packet one-way delay: 86.968 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-11-30 13:11:53

End at: 2017-11-30 13:12:23

Local clock offset: -0.328 ms

Remote clock offset: 4.722 ms

# Below is generated by plot.py at 2017-11-30 15:49:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 192.52 Mbit/s

95th percentile per-packet one-way delay: 87.313 ms

Loss rate: 0.00%

-- Flow 1:

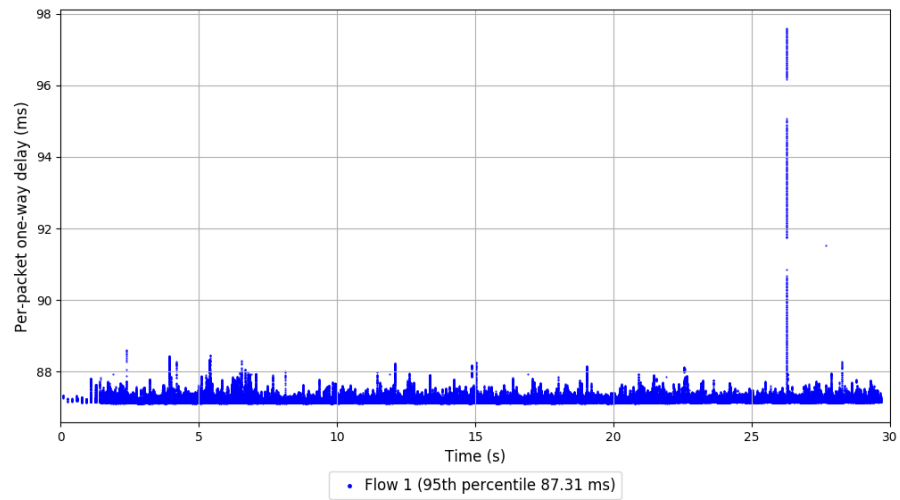
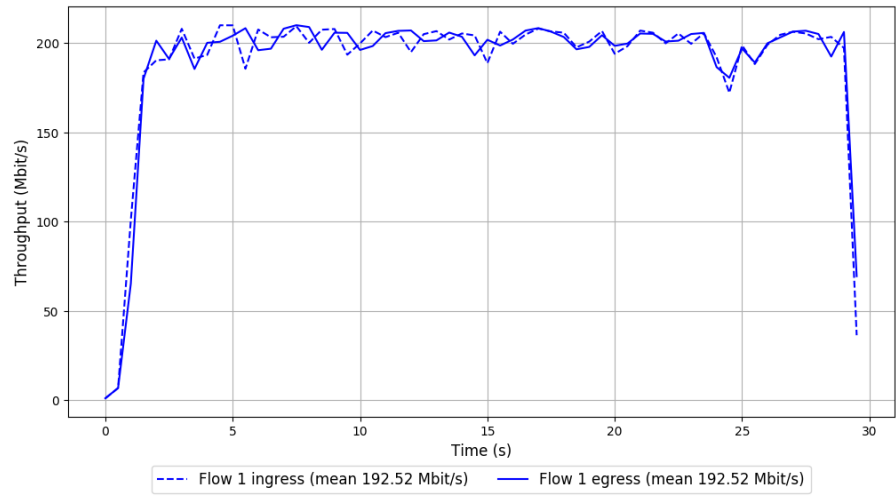
Average throughput: 192.52 Mbit/s

95th percentile per-packet one-way delay: 87.313 ms

Loss rate: 0.00%



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

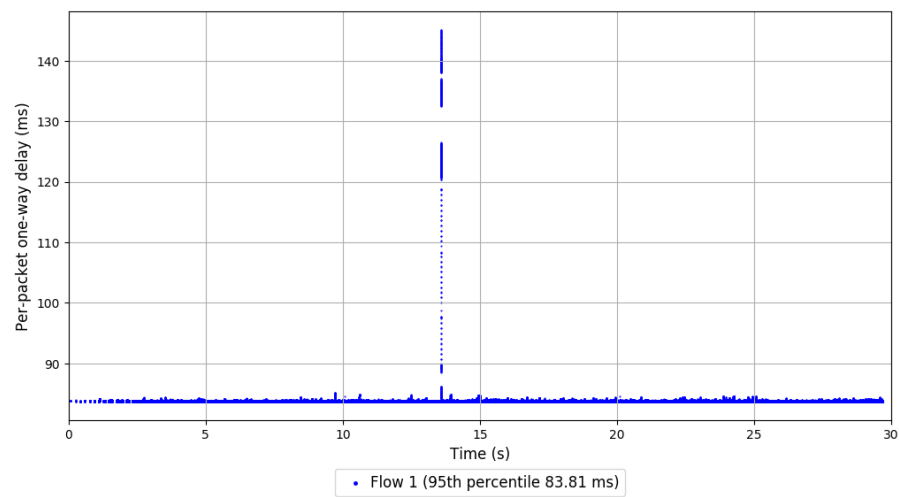
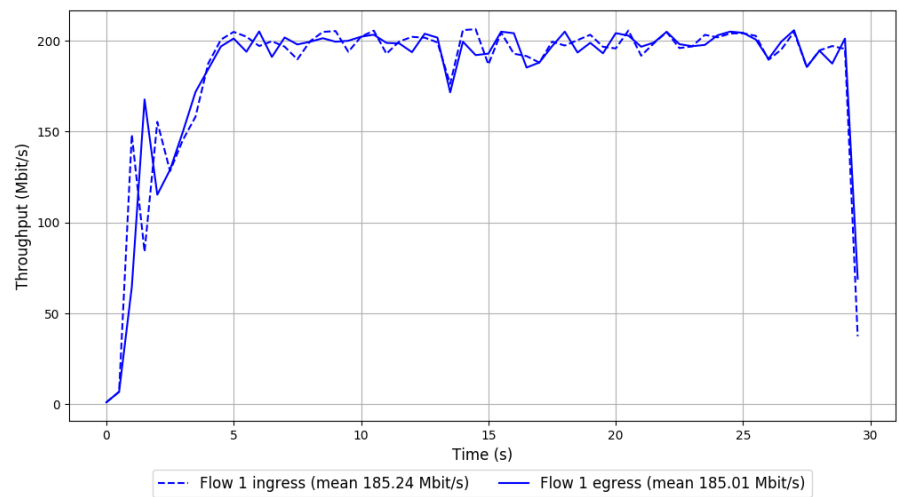


Run 6: Statistics of Indigo

Start at: 2017-11-30 13:29:44  
End at: 2017-11-30 13:30:14  
Local clock offset: -0.262 ms  
Remote clock offset: -0.523 ms

# Below is generated by plot.py at 2017-11-30 15:49:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 185.01 Mbit/s  
95th percentile per-packet one-way delay: 83.805 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 185.01 Mbit/s  
95th percentile per-packet one-way delay: 83.805 ms  
Loss rate: 0.13%

Run 6: Report of Indigo — Data Link

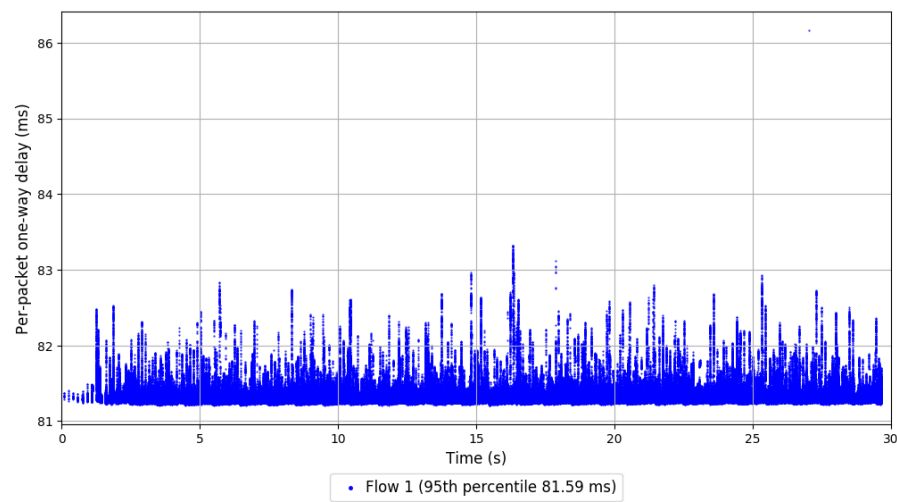
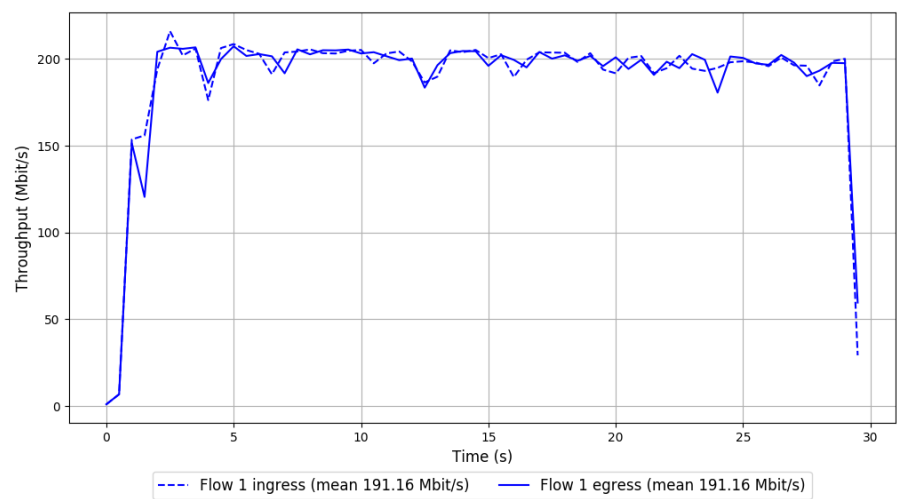


Run 7: Statistics of Indigo

Start at: 2017-11-30 13:47:41  
End at: 2017-11-30 13:48:11  
Local clock offset: -0.21 ms  
Remote clock offset: -1.065 ms

# Below is generated by plot.py at 2017-11-30 15:49:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 191.16 Mbit/s  
95th percentile per-packet one-way delay: 81.593 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 191.16 Mbit/s  
95th percentile per-packet one-way delay: 81.593 ms  
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-11-30 14:02:18

End at: 2017-11-30 14:02:48

Local clock offset: -0.206 ms

# Below is generated by plot.py at 2017-11-30 15:50:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 184.85 Mbit/s

95th percentile per-packet one-way delay: 84.695 ms

Loss rate: 0.01%

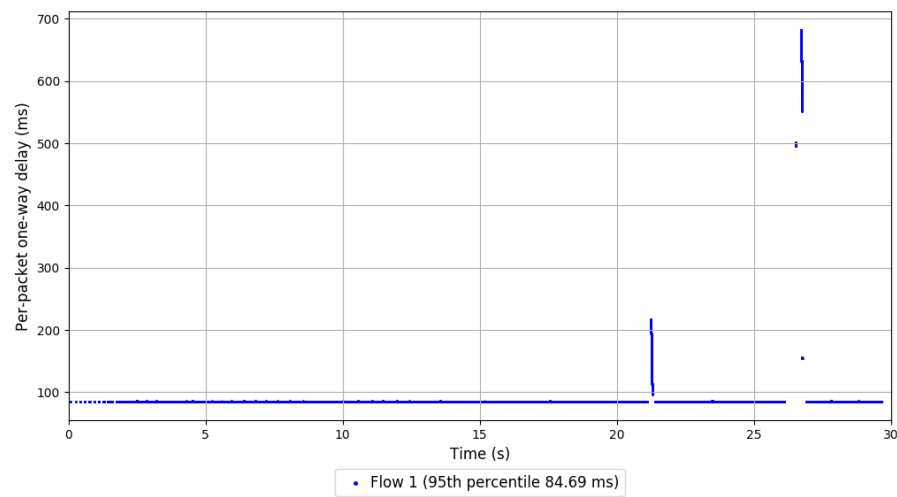
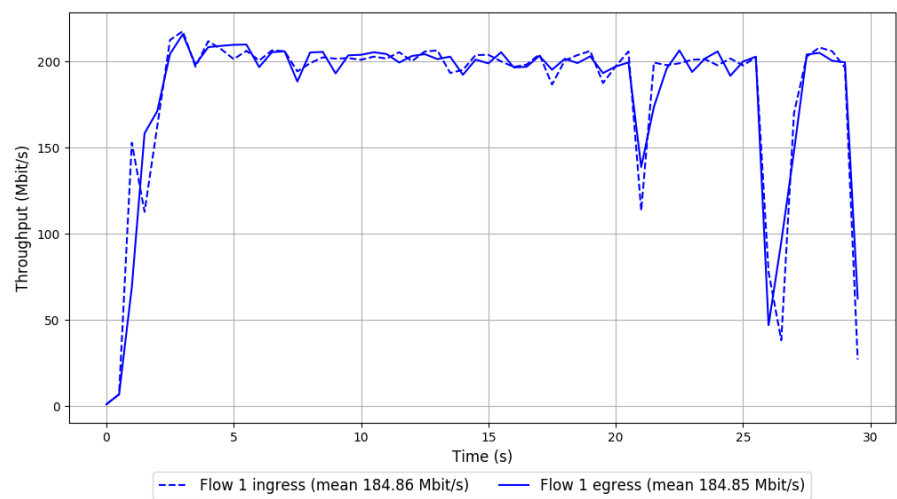
-- Flow 1:

Average throughput: 184.85 Mbit/s

95th percentile per-packet one-way delay: 84.695 ms

Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-11-30 14:16:46

End at: 2017-11-30 14:17:16

Local clock offset: -0.275 ms

# Below is generated by plot.py at 2017-11-30 15:50:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 187.04 Mbit/s

95th percentile per-packet one-way delay: 86.880 ms

Loss rate: 0.01%

-- Flow 1:

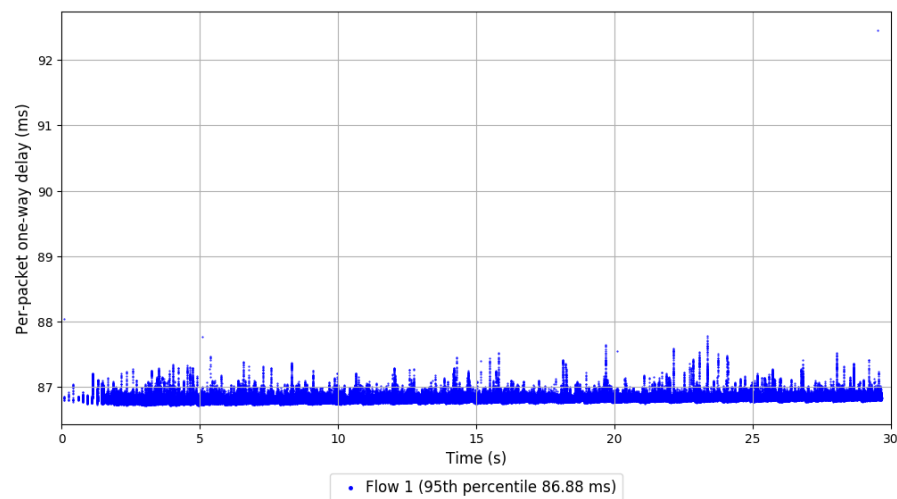
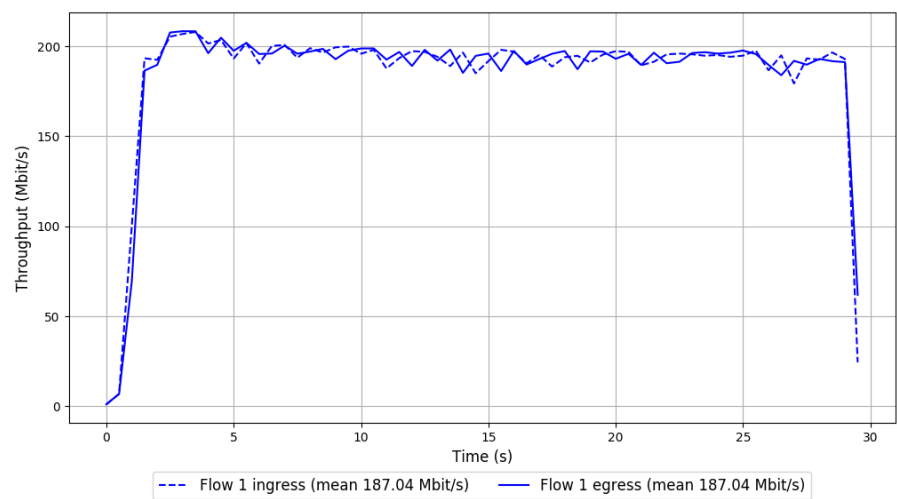
Average throughput: 187.04 Mbit/s

95th percentile per-packet one-way delay: 86.880 ms

Loss rate: 0.01%



Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-11-30 14:34:42

End at: 2017-11-30 14:35:12

Local clock offset: -0.196 ms

Remote clock offset: -7.029 ms

# Below is generated by plot.py at 2017-11-30 15:51:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 184.50 Mbit/s

95th percentile per-packet one-way delay: 82.705 ms

Loss rate: 0.00%

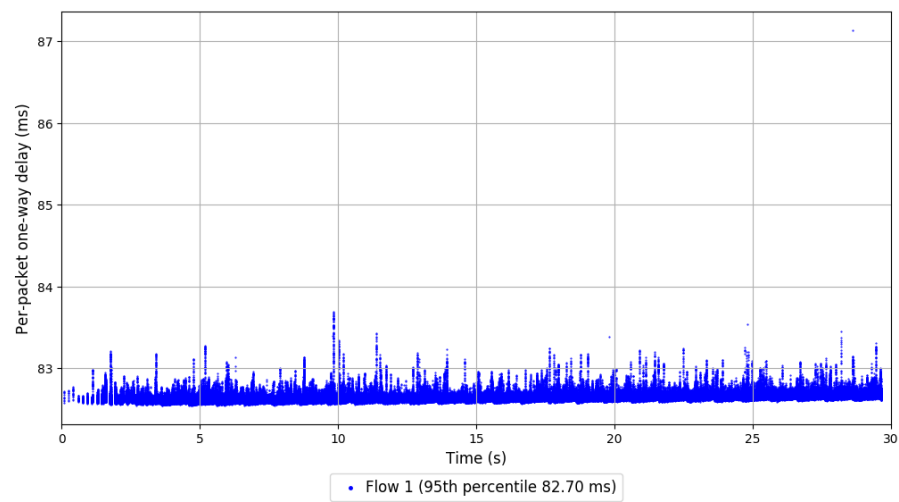
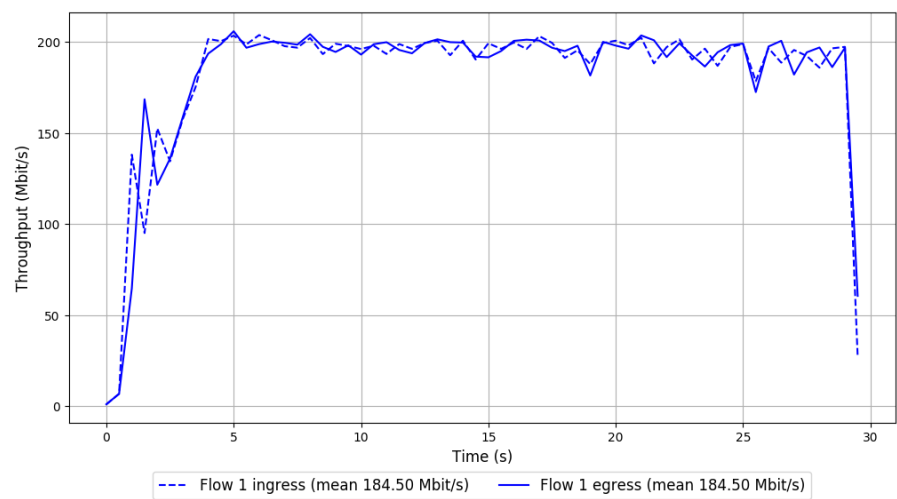
-- Flow 1:

Average throughput: 184.50 Mbit/s

95th percentile per-packet one-way delay: 82.705 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

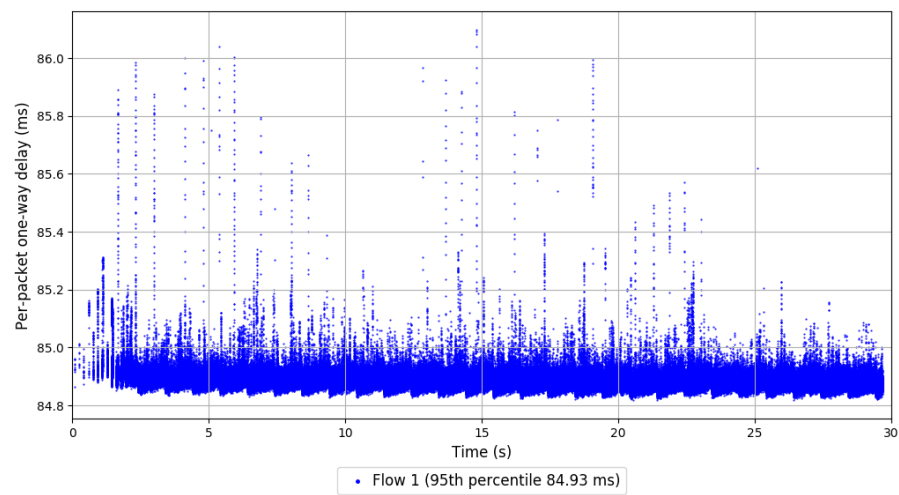
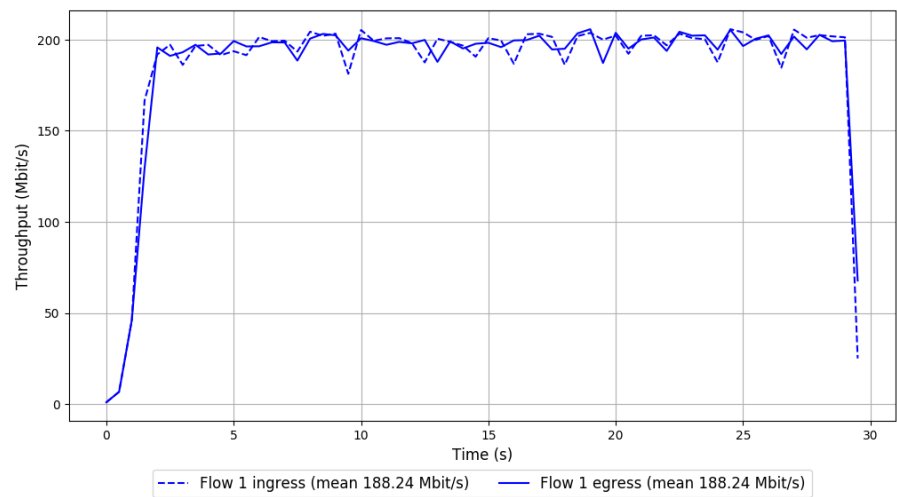


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-30 11:47:18
End at: 2017-11-30 11:47:48
Local clock offset: 0.328 ms
Remote clock offset: 3.309 ms

# Below is generated by plot.py at 2017-11-30 15:51:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.24 Mbit/s
95th percentile per-packet one-way delay: 84.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.24 Mbit/s
95th percentile per-packet one-way delay: 84.931 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-calib — Data Link

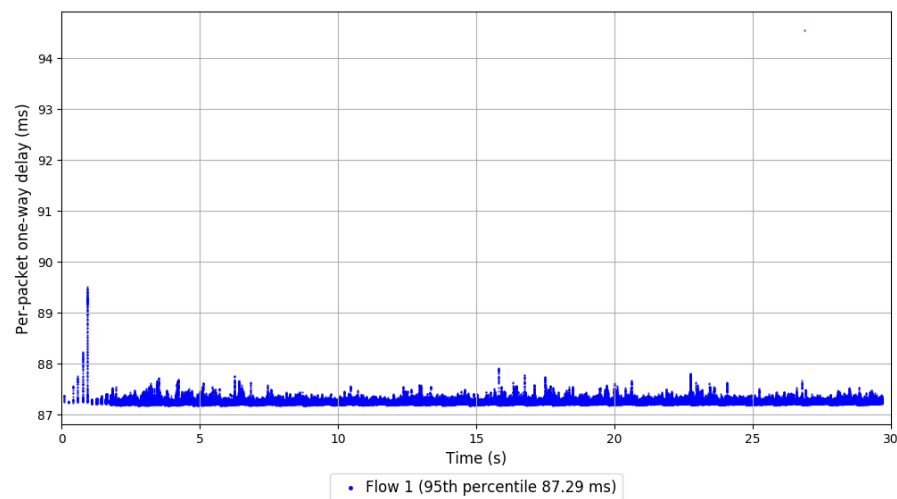
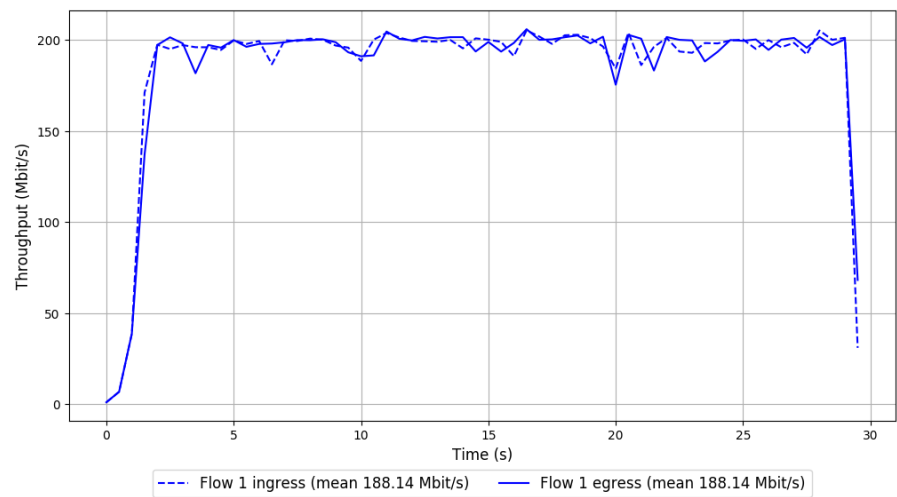


```
Run 2: Statistics of Indigo-calib

Start at: 2017-11-30 12:05:17
End at: 2017-11-30 12:05:47
Local clock offset: 0.046 ms
Remote clock offset: 5.293 ms

# Below is generated by plot.py at 2017-11-30 15:51:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.14 Mbit/s
95th percentile per-packet one-way delay: 87.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.14 Mbit/s
95th percentile per-packet one-way delay: 87.294 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-calib — Data Link



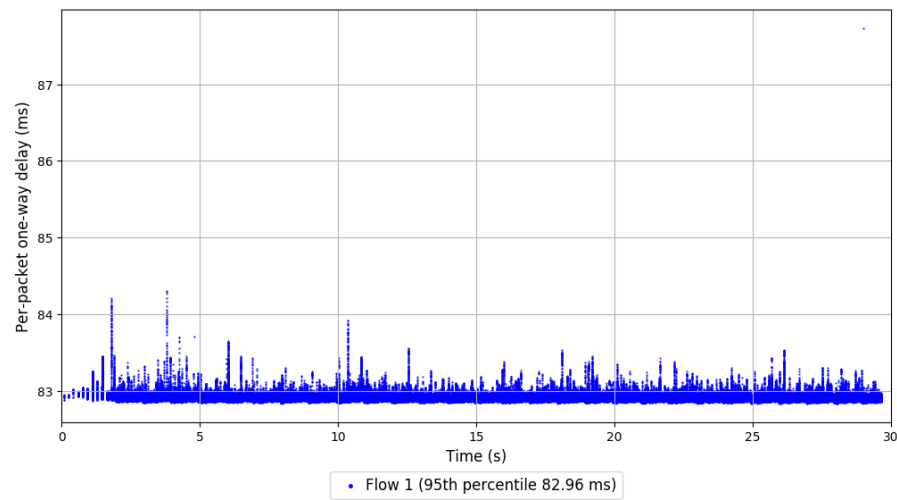
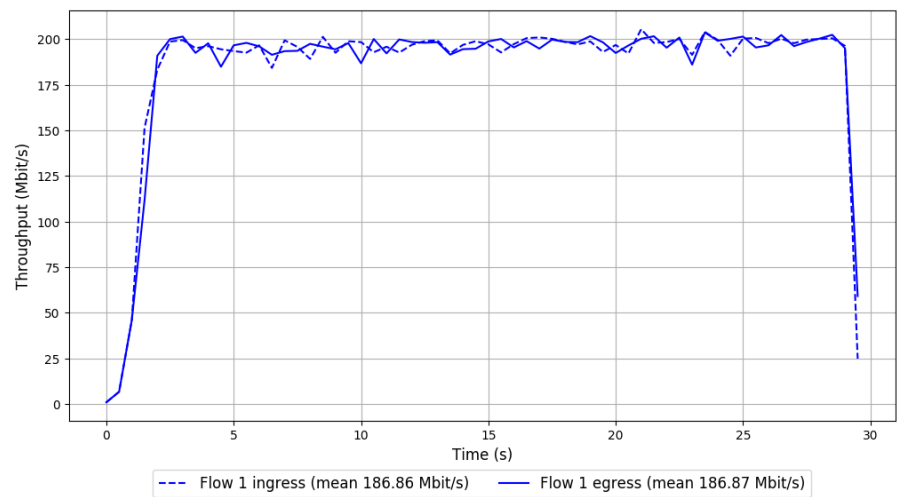
Run 3: Statistics of Indigo-calib

Start at: 2017-11-30 12:23:16  
End at: 2017-11-30 12:23:46  
Local clock offset: -0.041 ms  
Remote clock offset: -0.392 ms

# Below is generated by plot.py at 2017-11-30 15:52:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 186.87 Mbit/s  
95th percentile per-packet one-way delay: 82.959 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 186.87 Mbit/s  
95th percentile per-packet one-way delay: 82.959 ms  
Loss rate: 0.00%



Run 3: Report of Indigo-calib — Data Link

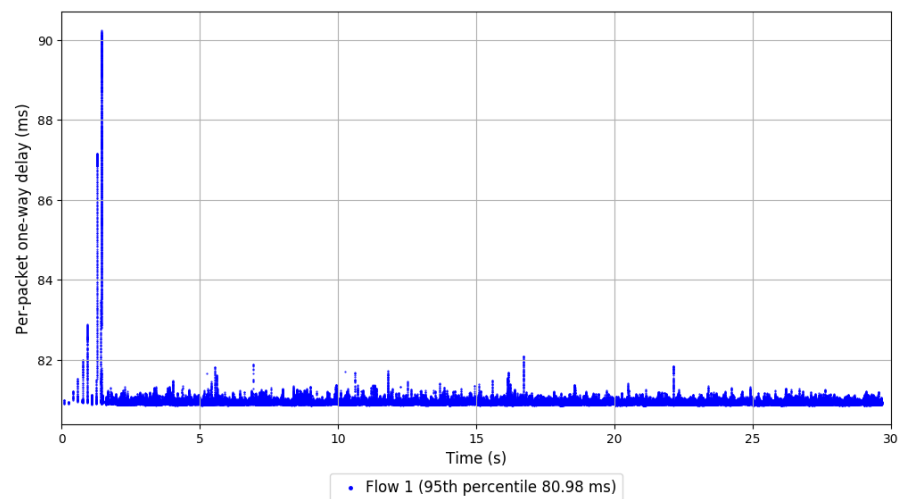
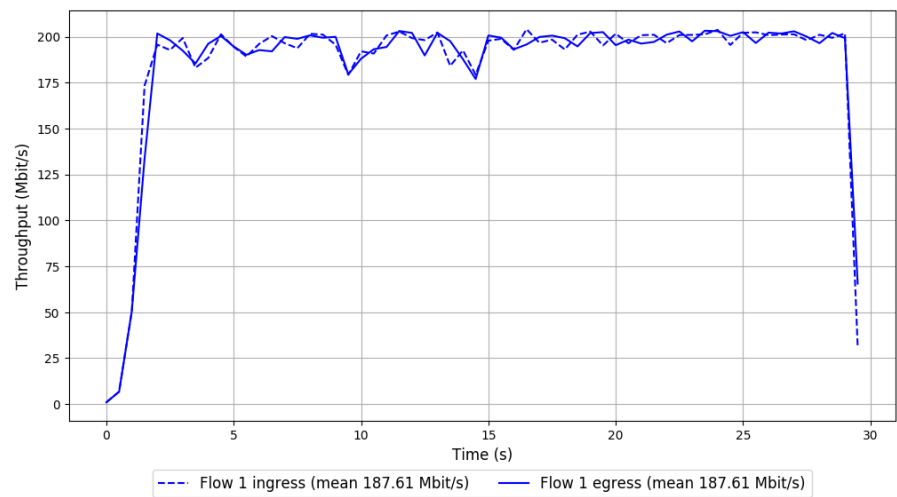


Run 4: Statistics of Indigo-calib

Start at: 2017-11-30 12:41:15  
End at: 2017-11-30 12:41:45  
Local clock offset: -0.201 ms  
Remote clock offset: -0.985 ms

# Below is generated by plot.py at 2017-11-30 15:52:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 187.61 Mbit/s  
95th percentile per-packet one-way delay: 80.980 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 187.61 Mbit/s  
95th percentile per-packet one-way delay: 80.980 ms  
Loss rate: 0.00%

Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-11-30 12:59:12

End at: 2017-11-30 12:59:42

Local clock offset: -0.216 ms

Remote clock offset: 3.842 ms

# Below is generated by plot.py at 2017-11-30 15:52:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 187.41 Mbit/s

95th percentile per-packet one-way delay: 87.059 ms

Loss rate: 0.01%

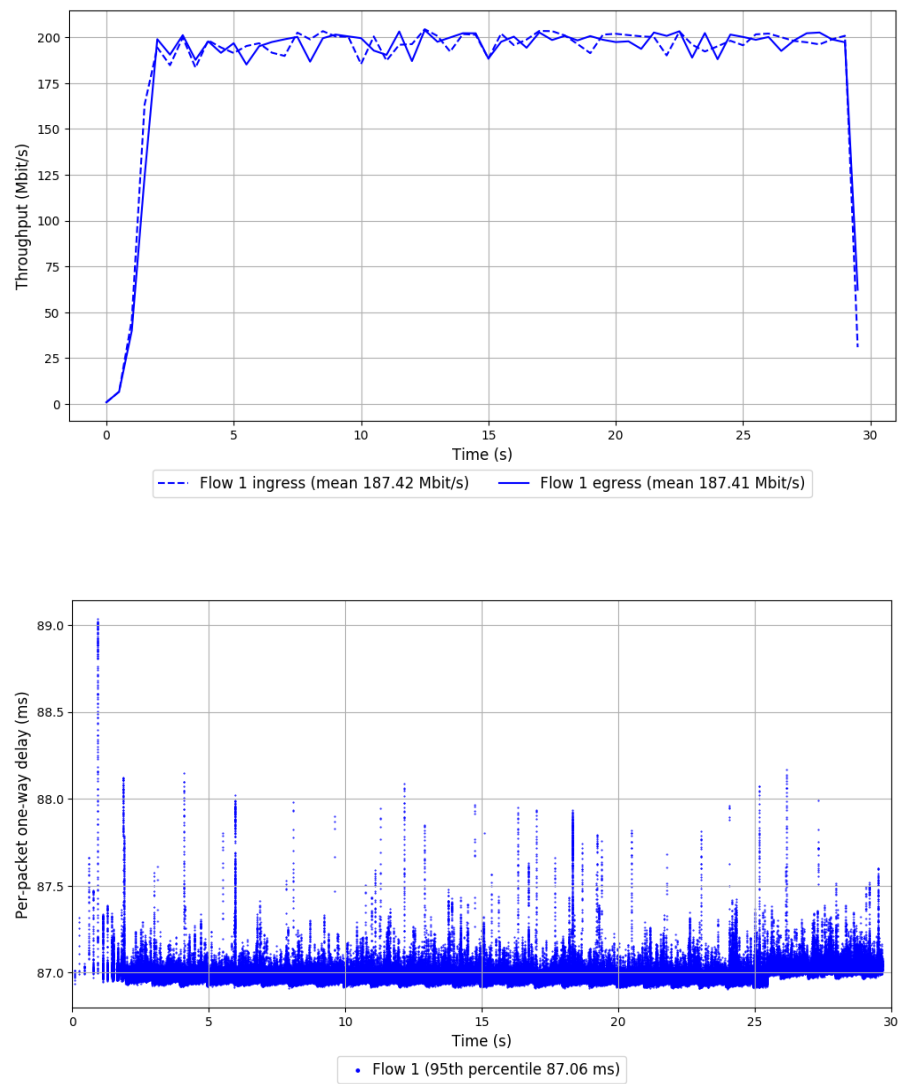
-- Flow 1:

Average throughput: 187.41 Mbit/s

95th percentile per-packet one-way delay: 87.059 ms

Loss rate: 0.01%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-11-30 13:17:04

End at: 2017-11-30 13:17:34

Local clock offset: -0.294 ms

Remote clock offset: 4.244 ms

# Below is generated by plot.py at 2017-11-30 15:52:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 188.59 Mbit/s

95th percentile per-packet one-way delay: 86.492 ms

Loss rate: 0.00%

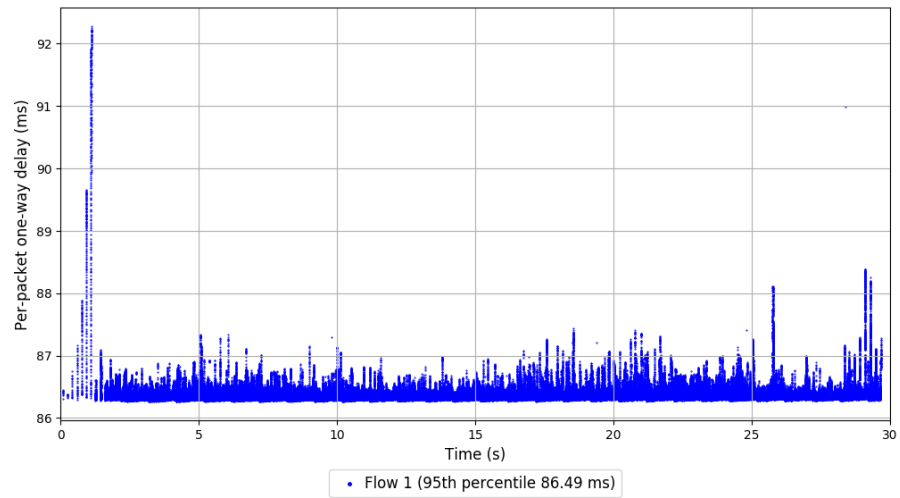
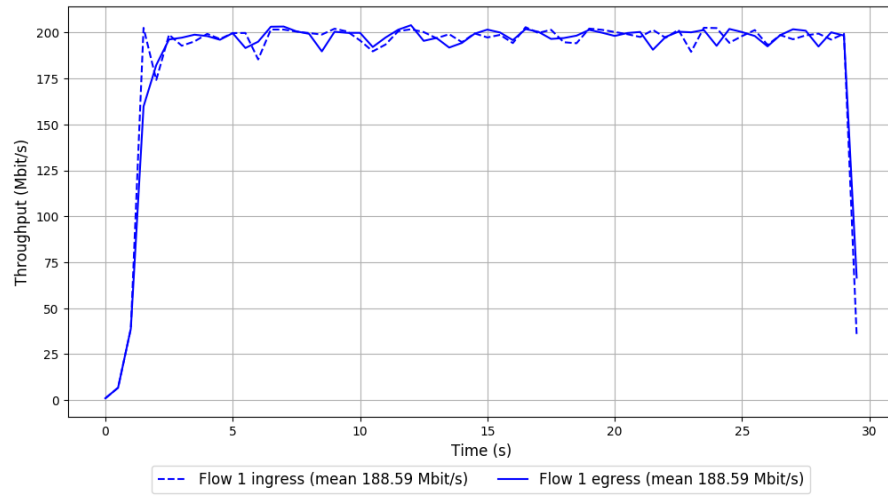
-- Flow 1:

Average throughput: 188.59 Mbit/s

95th percentile per-packet one-way delay: 86.492 ms

Loss rate: 0.00%

## Run 6: Report of Indigo-calib — Data Link



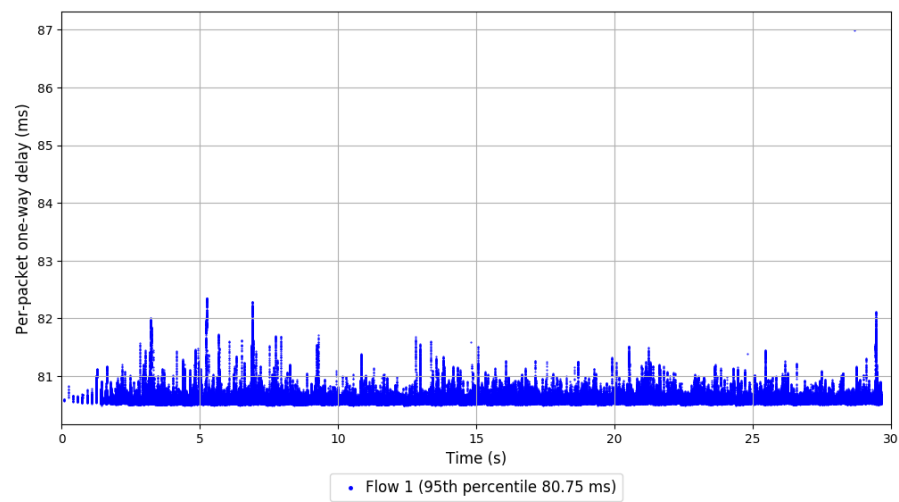
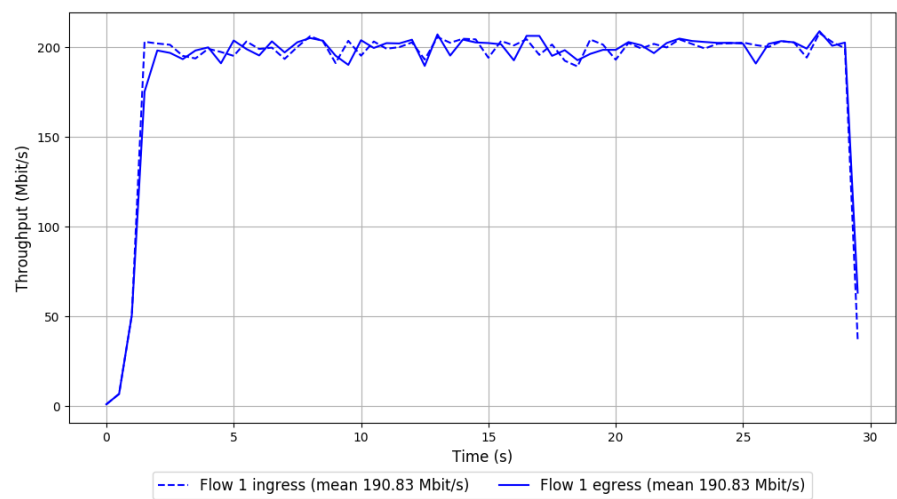
Run 7: Statistics of Indigo-calib

Start at: 2017-11-30 13:34:58  
End at: 2017-11-30 13:35:28  
Local clock offset: -0.215 ms  
Remote clock offset: -1.633 ms

# Below is generated by plot.py at 2017-11-30 15:53:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 190.83 Mbit/s  
95th percentile per-packet one-way delay: 80.745 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 190.83 Mbit/s  
95th percentile per-packet one-way delay: 80.745 ms  
Loss rate: 0.00%



Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-11-30 13:51:56

End at: 2017-11-30 13:52:26

Local clock offset: -0.281 ms

# Below is generated by plot.py at 2017-11-30 15:53:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 188.97 Mbit/s

95th percentile per-packet one-way delay: 84.300 ms

Loss rate: 0.00%

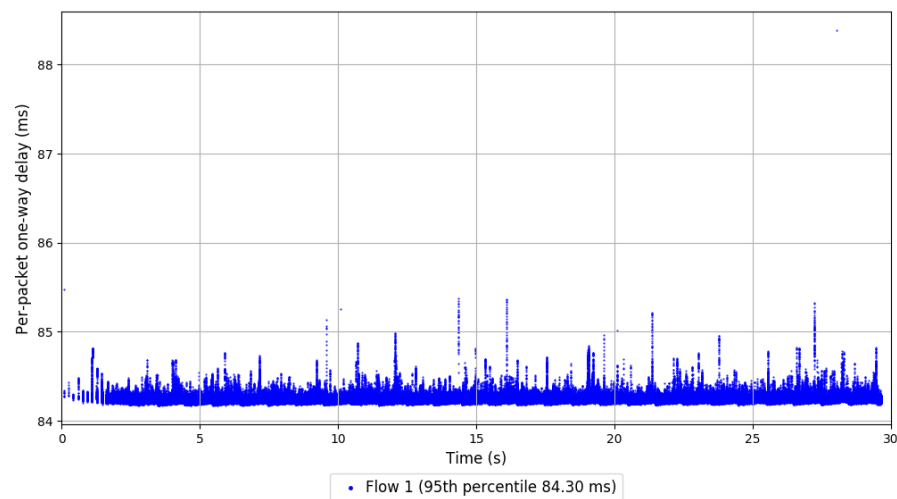
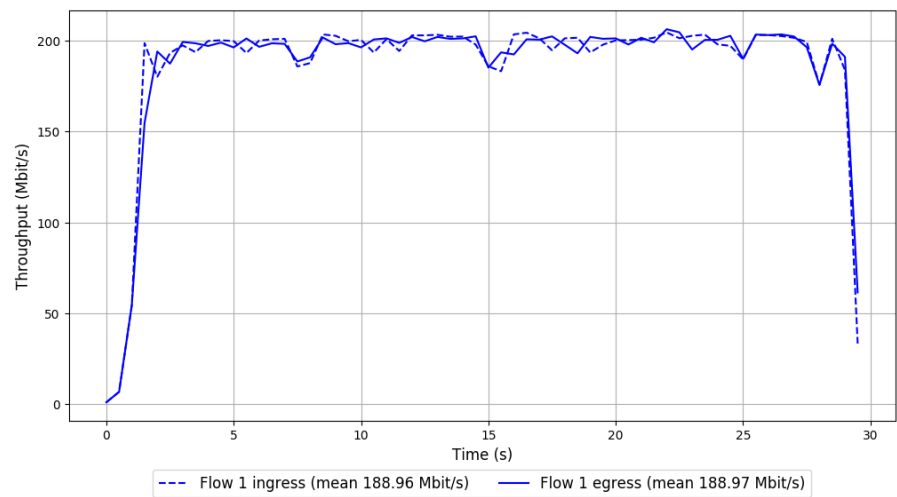
-- Flow 1:

Average throughput: 188.97 Mbit/s

95th percentile per-packet one-way delay: 84.300 ms

Loss rate: 0.00%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-11-30 14:06:32

End at: 2017-11-30 14:07:02

Local clock offset: -0.221 ms

# Below is generated by plot.py at 2017-11-30 15:53:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 186.59 Mbit/s

95th percentile per-packet one-way delay: 84.455 ms

Loss rate: 0.00%

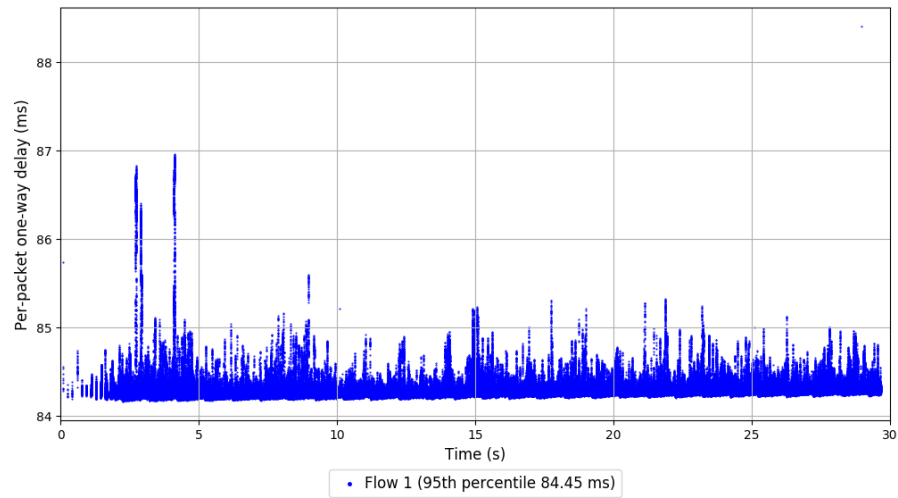
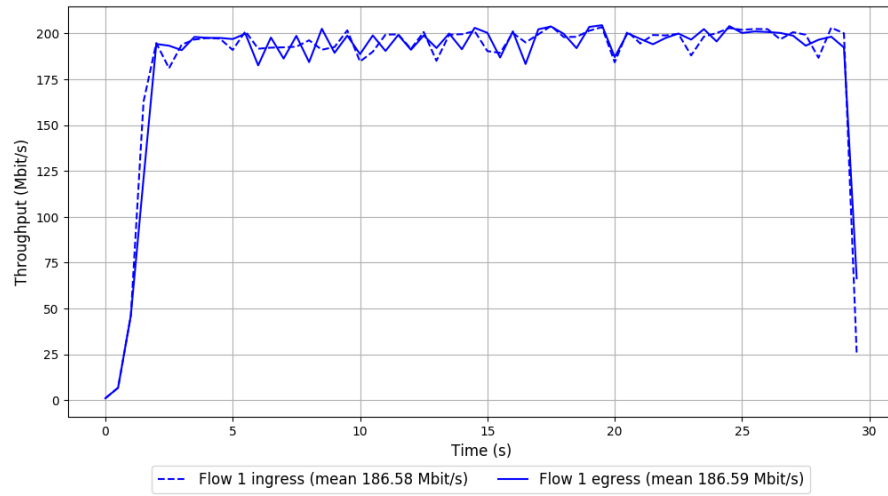
-- Flow 1:

Average throughput: 186.59 Mbit/s

95th percentile per-packet one-way delay: 84.455 ms

Loss rate: 0.00%

### Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-30 14:21:58

End at: 2017-11-30 14:22:28

Local clock offset: -0.259 ms

Remote clock offset: -5.127 ms

# Below is generated by plot.py at 2017-11-30 15:53:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 185.51 Mbit/s

95th percentile per-packet one-way delay: 81.329 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 185.51 Mbit/s

95th percentile per-packet one-way delay: 81.329 ms

Loss rate: 0.00%

# Run 10: Report of Indigo-calib — Data Link

