

## Pantheon Report

Generated at 2017-11-21 08:27:05 (UTC).

Data path: AWS Brazil 1 Ethernet (*local*) → Brazil 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).

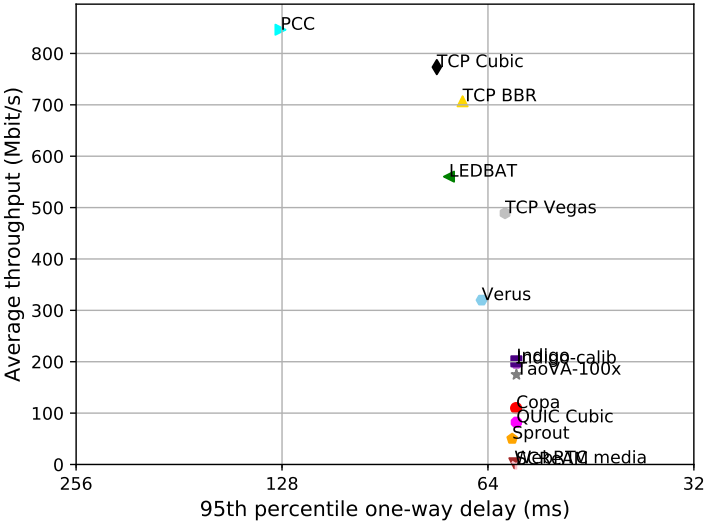
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

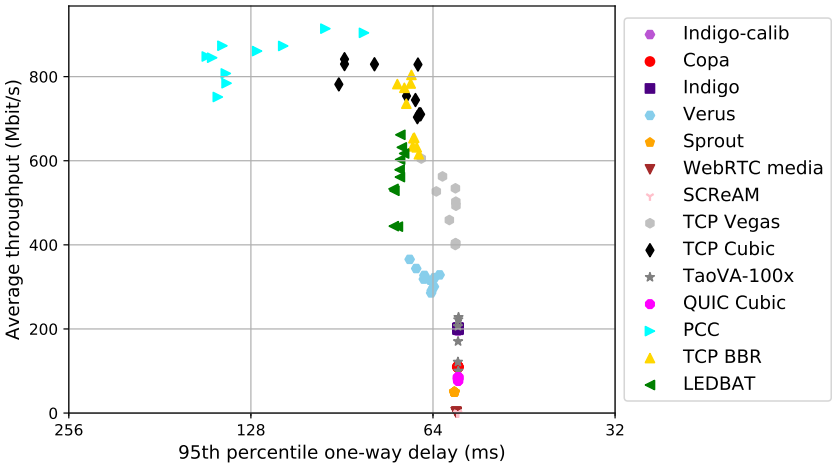
Git summary:

```
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-quic @ 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 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil 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	706.97	69.70	0.06
TCP Cubic	10	773.41	76.02	0.03
LEDBAT	10	560.23	72.98	0.03
PCC	10	846.19	128.66	1.18
QUIC Cubic	9	82.08	58.16	0.00
SCReAM	10	0.22	58.24	0.00
WebRTC media	10	2.31	58.56	0.00
Sprout	10	50.23	58.99	0.00
TaoVA-100x	6	174.83	58.15	0.00
TCP Vegas	10	489.09	60.42	0.00
Verus	10	319.93	65.38	0.16
Copa	10	109.82	58.21	0.00
Indigo	10	200.80	58.16	0.00
Indigo-calib	10	196.67	58.17	0.00

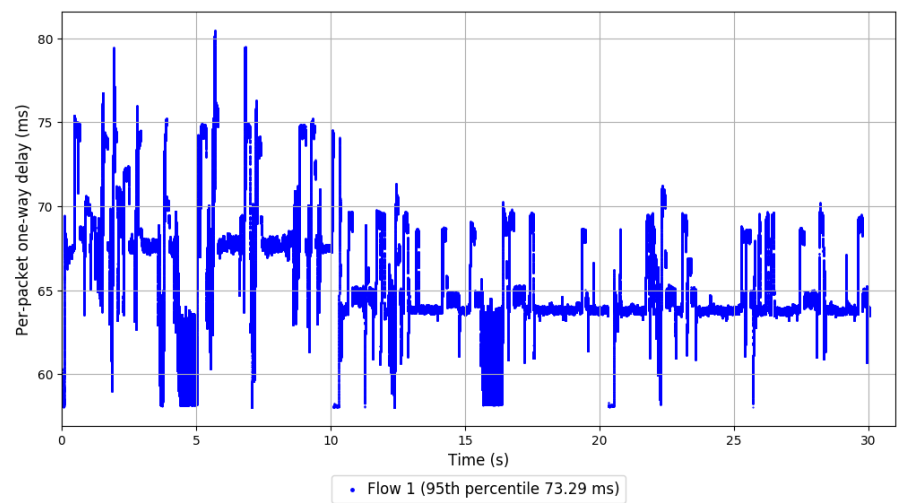
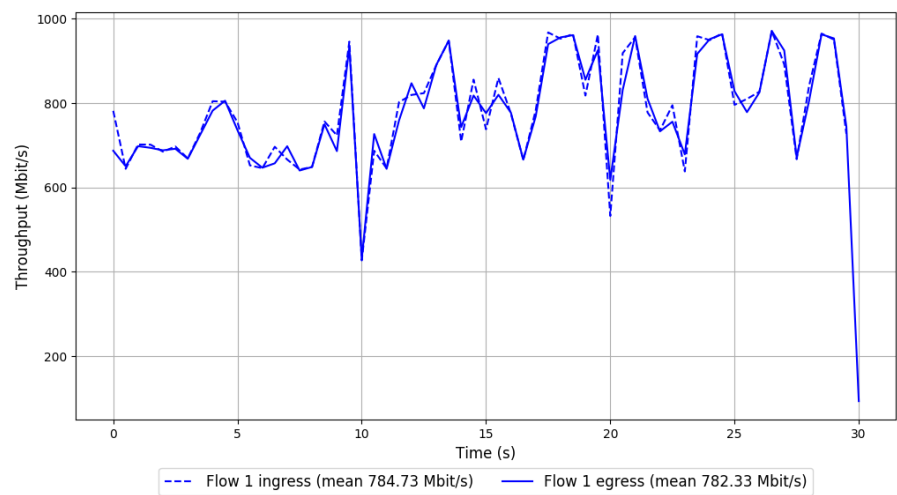
Run 1: Statistics of TCP BBR

Start at: 2017-11-21 02:31:39  
End at: 2017-11-21 02:32:09  
Local clock offset: -1.262 ms  
Remote clock offset: 45.832 ms

# Below is generated by plot.py at 2017-11-21 07:12:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 782.33 Mbit/s  
95th percentile per-packet one-way delay: 73.294 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 782.33 Mbit/s  
95th percentile per-packet one-way delay: 73.294 ms  
Loss rate: 0.31%



Run 1: Report of TCP BBR — Data Link

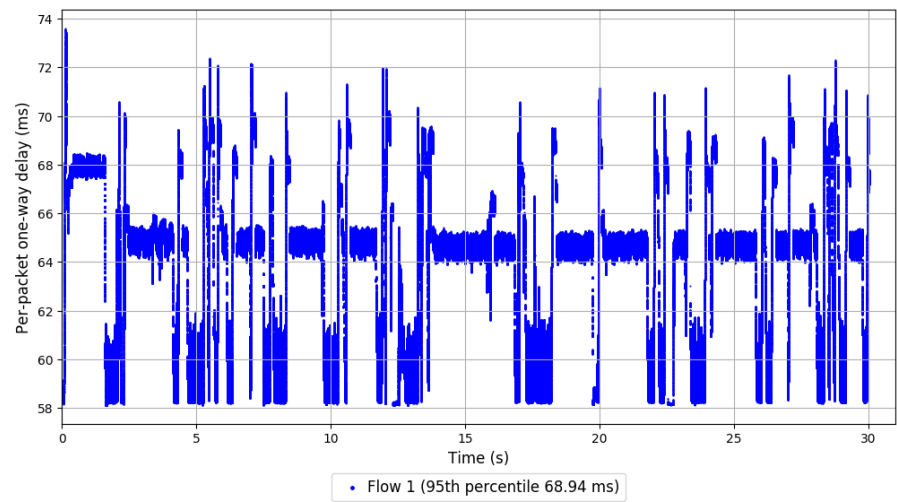
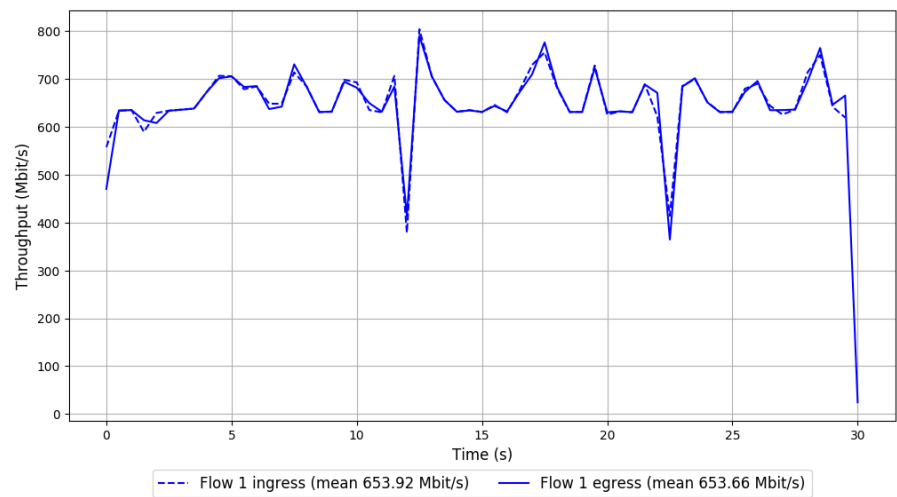


Run 2: Statistics of TCP BBR

Start at: 2017-11-21 02:49:51  
End at: 2017-11-21 02:50:21  
Local clock offset: -1.384 ms  
Remote clock offset: 45.429 ms

# Below is generated by plot.py at 2017-11-21 07:12:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 653.66 Mbit/s  
95th percentile per-packet one-way delay: 68.944 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 653.66 Mbit/s  
95th percentile per-packet one-way delay: 68.944 ms  
Loss rate: 0.04%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-11-21 03:08:03

End at: 2017-11-21 03:08:33

Local clock offset: -1.562 ms

Remote clock offset: 45.26 ms

# Below is generated by plot.py at 2017-11-21 07:12:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 804.22 Mbit/s

95th percentile per-packet one-way delay: 69.472 ms

Loss rate: 0.03%

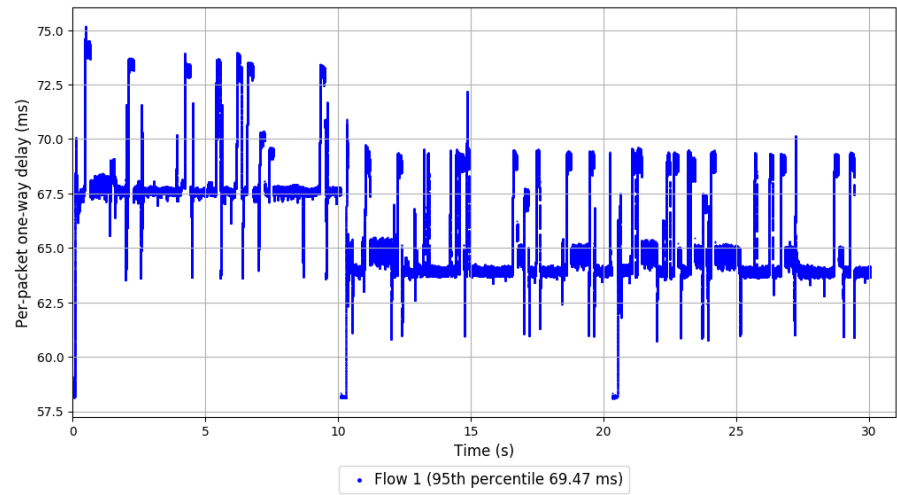
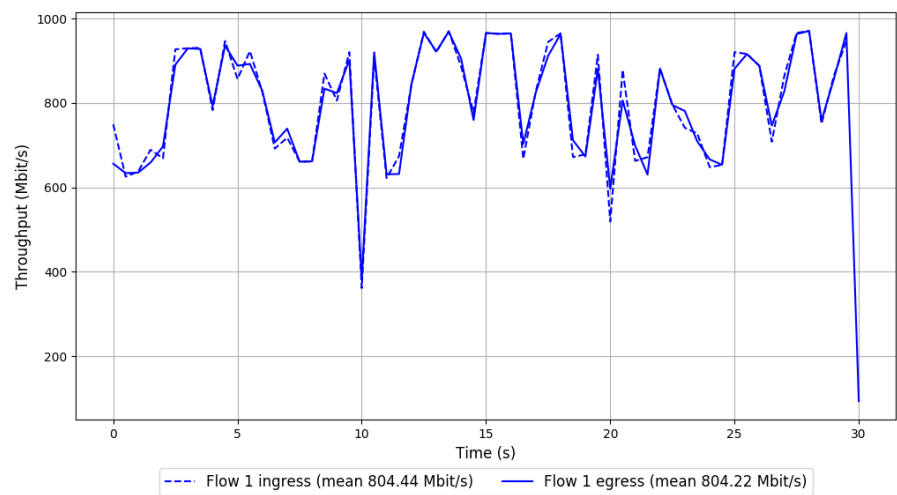
-- Flow 1:

Average throughput: 804.22 Mbit/s

95th percentile per-packet one-way delay: 69.472 ms

Loss rate: 0.03%

Run 3: Report of TCP BBR — Data Link

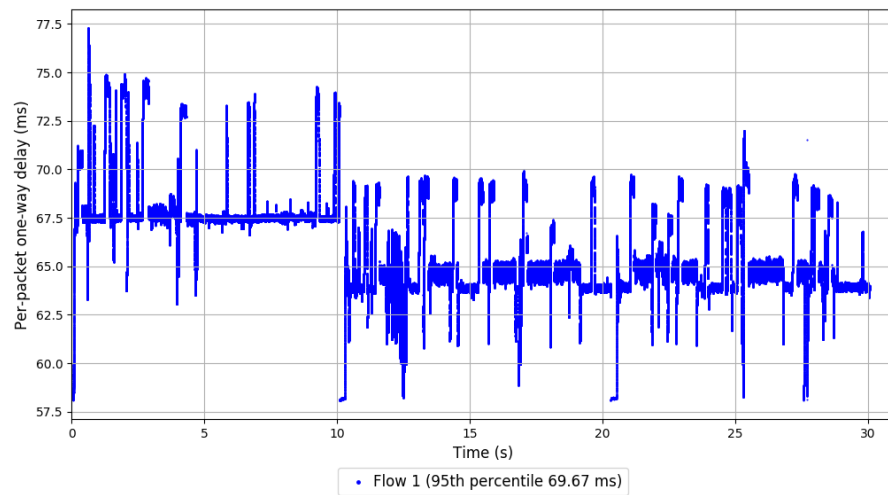
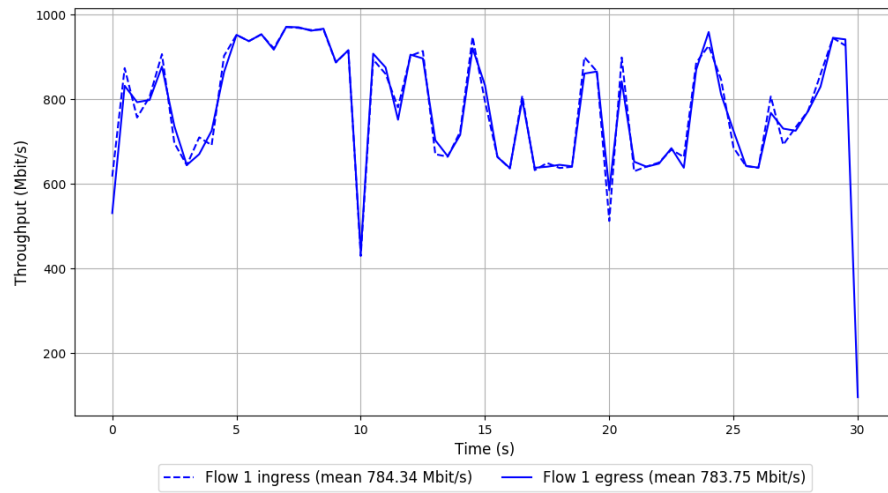


Run 4: Statistics of TCP BBR

Start at: 2017-11-21 03:26:18  
End at: 2017-11-21 03:26:48  
Local clock offset: -1.669 ms  
Remote clock offset: 45.105 ms

# Below is generated by plot.py at 2017-11-21 07:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 783.75 Mbit/s  
95th percentile per-packet one-way delay: 69.667 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 783.75 Mbit/s  
95th percentile per-packet one-way delay: 69.667 ms  
Loss rate: 0.07%

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



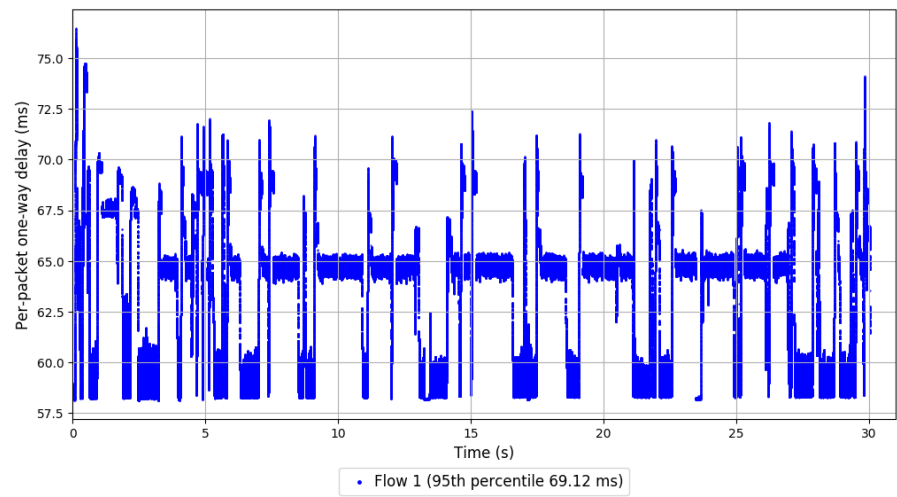
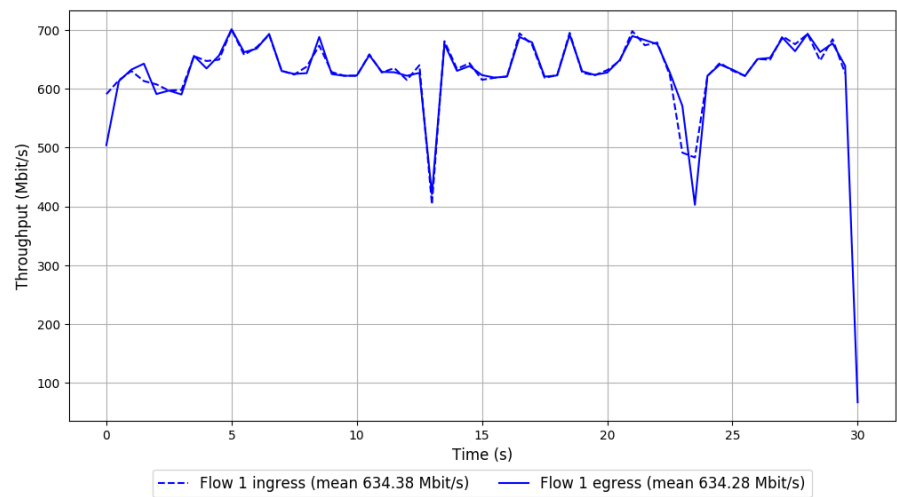
Run 5: Statistics of TCP BBR

Start at: 2017-11-21 03:44:26  
End at: 2017-11-21 03:44:56  
Local clock offset: -1.617 ms  
Remote clock offset: 41.486 ms

# Below is generated by plot.py at 2017-11-21 07:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 634.28 Mbit/s  
95th percentile per-packet one-way delay: 69.121 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 634.28 Mbit/s  
95th percentile per-packet one-way delay: 69.121 ms  
Loss rate: 0.02%



Run 5: Report of TCP BBR — Data Link

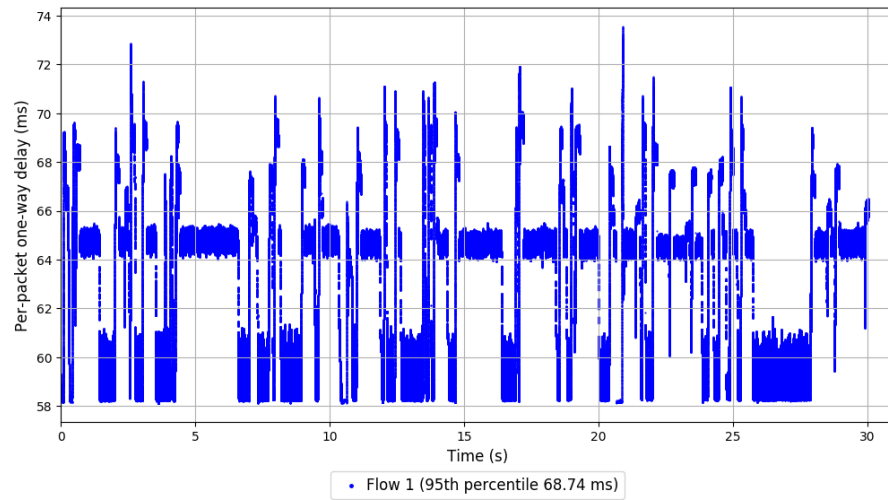
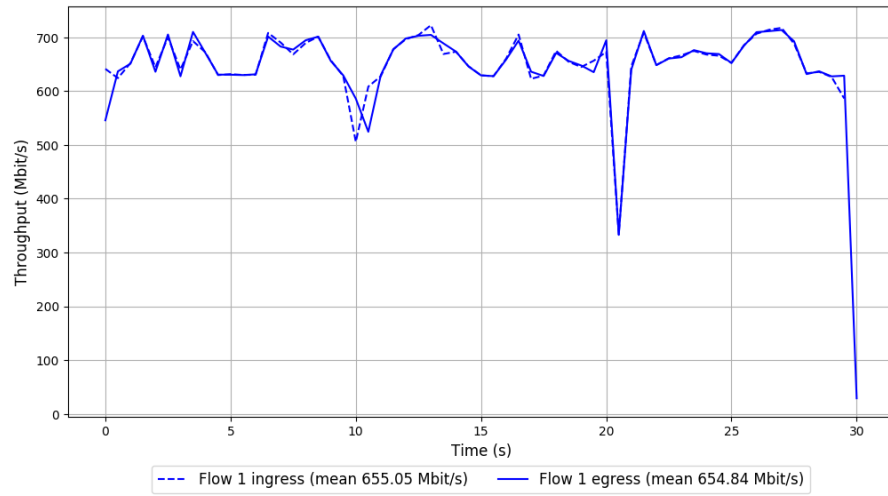


Run 6: Statistics of TCP BBR

Start at: 2017-11-21 04:02:35  
End at: 2017-11-21 04:03:05  
Local clock offset: -1.479 ms  
Remote clock offset: 40.666 ms

# Below is generated by plot.py at 2017-11-21 07:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 654.84 Mbit/s  
95th percentile per-packet one-way delay: 68.739 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 654.84 Mbit/s  
95th percentile per-packet one-way delay: 68.739 ms  
Loss rate: 0.03%

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

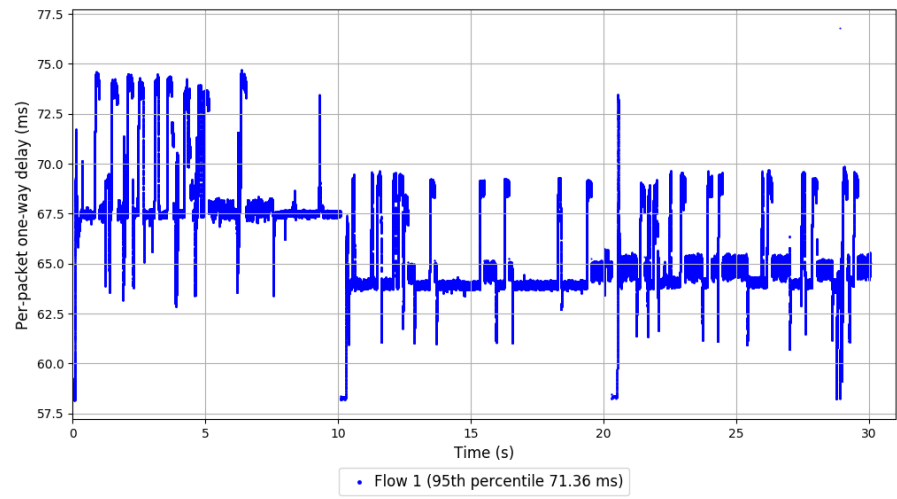
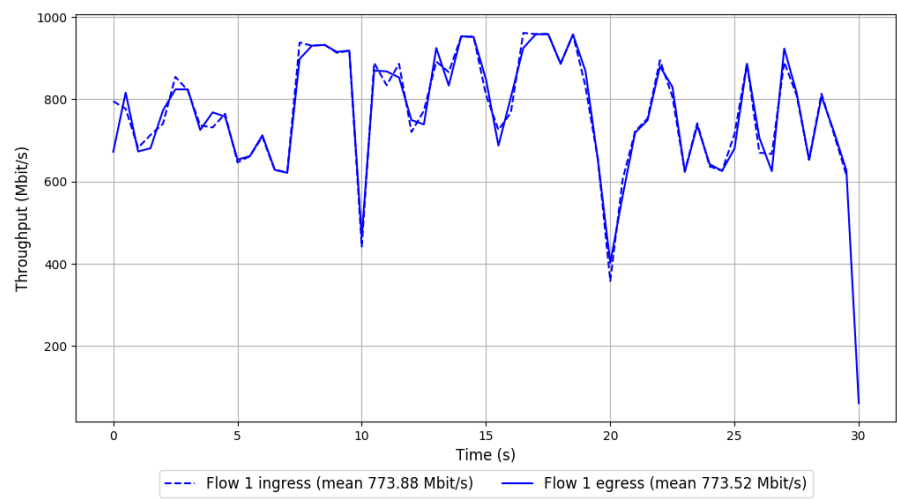


Run 7: Statistics of TCP BBR

Start at: 2017-11-21 04:20:33  
End at: 2017-11-21 04:21:03  
Local clock offset: -1.168 ms  
Remote clock offset: 39.685 ms

# Below is generated by plot.py at 2017-11-21 07:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 773.52 Mbit/s  
95th percentile per-packet one-way delay: 71.362 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 773.52 Mbit/s  
95th percentile per-packet one-way delay: 71.362 ms  
Loss rate: 0.05%

Run 7: Report of TCP BBR — Data Link

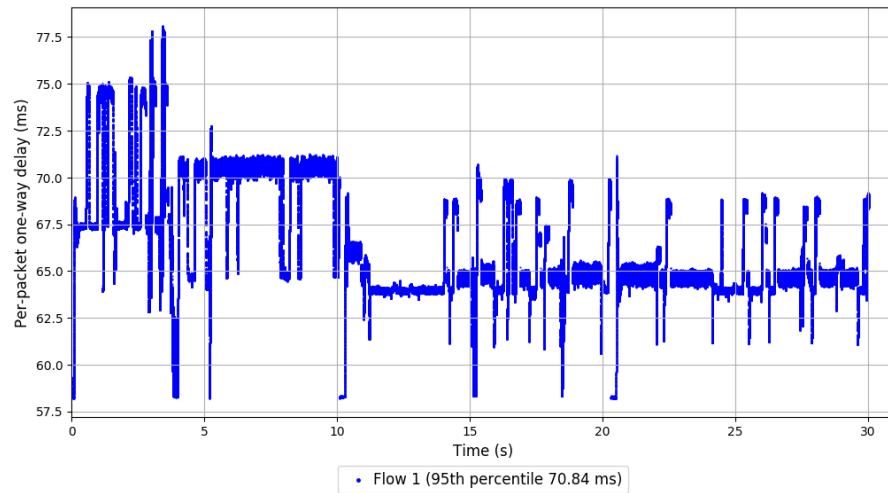
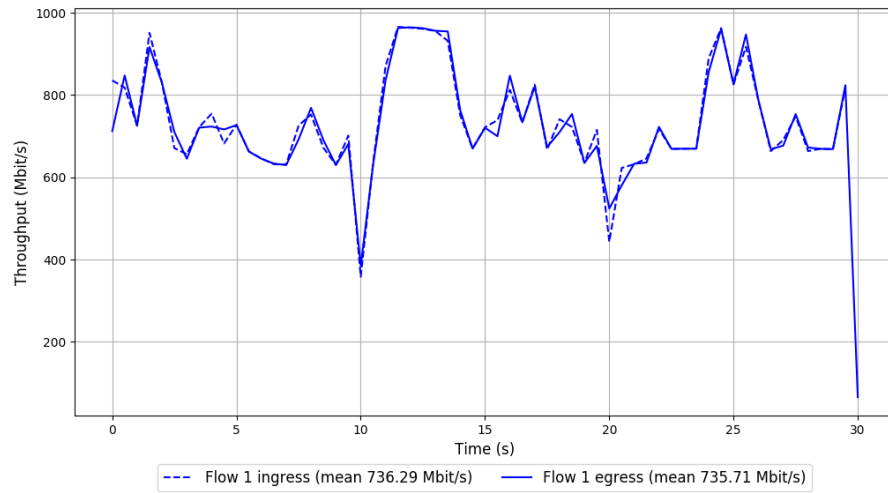


Run 8: Statistics of TCP BBR

Start at: 2017-11-21 04:38:31  
End at: 2017-11-21 04:39:01  
Local clock offset: -0.677 ms  
Remote clock offset: 35.984 ms

# Below is generated by plot.py at 2017-11-21 07:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 735.71 Mbit/s  
95th percentile per-packet one-way delay: 70.836 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 735.71 Mbit/s  
95th percentile per-packet one-way delay: 70.836 ms  
Loss rate: 0.08%

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



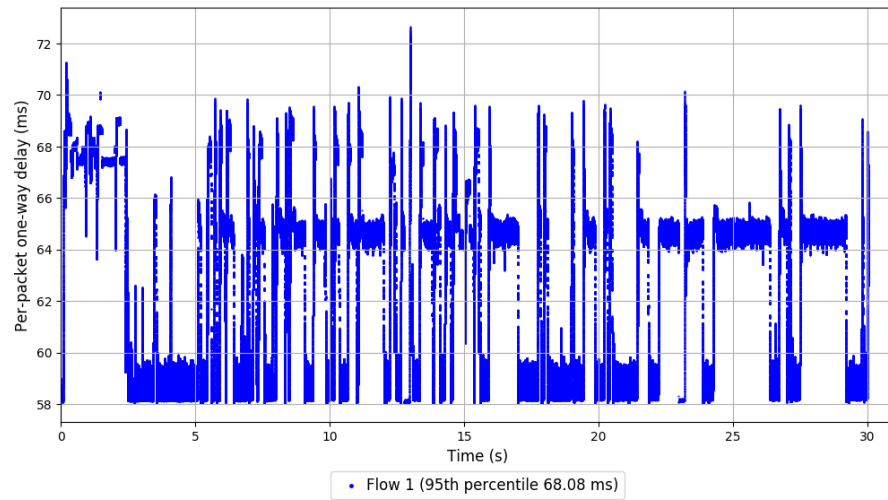
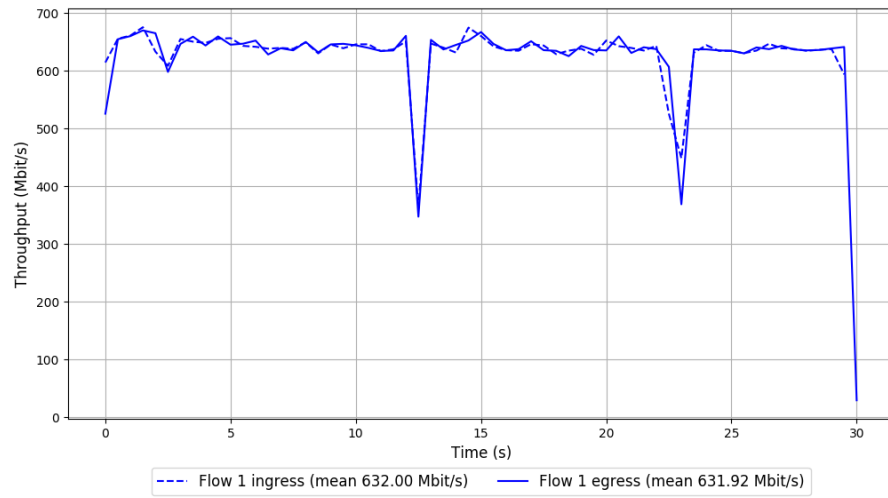
Run 9: Statistics of TCP BBR

Start at: 2017-11-21 04:56:41  
End at: 2017-11-21 04:57:11  
Local clock offset: -0.198 ms  
Remote clock offset: 35.008 ms

# Below is generated by plot.py at 2017-11-21 07:18:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 631.92 Mbit/s  
95th percentile per-packet one-way delay: 68.075 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 631.92 Mbit/s  
95th percentile per-packet one-way delay: 68.075 ms  
Loss rate: 0.01%



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



Run 10: Statistics of TCP BBR

Start at: 2017-11-21 05:14:52

End at: 2017-11-21 05:15:22

Local clock offset: 0.111 ms

Remote clock offset: 33.634 ms

# Below is generated by plot.py at 2017-11-21 07:18:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 615.46 Mbit/s

95th percentile per-packet one-way delay: 67.529 ms

Loss rate: 0.01%

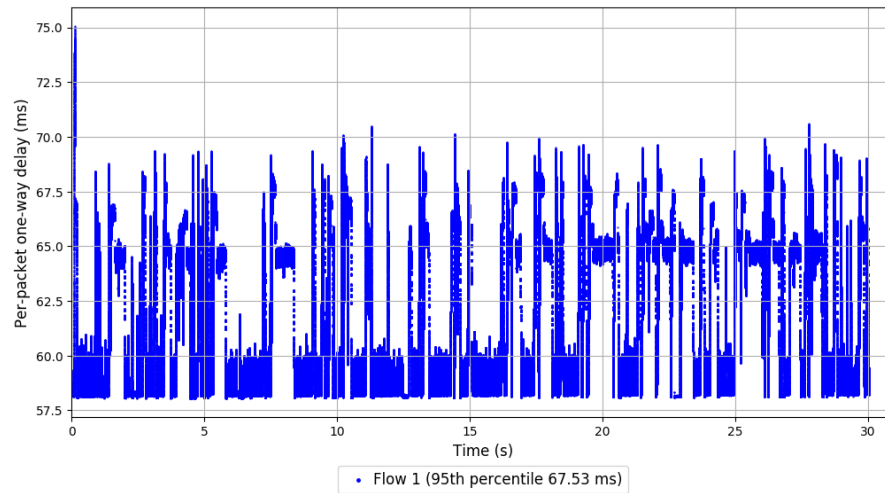
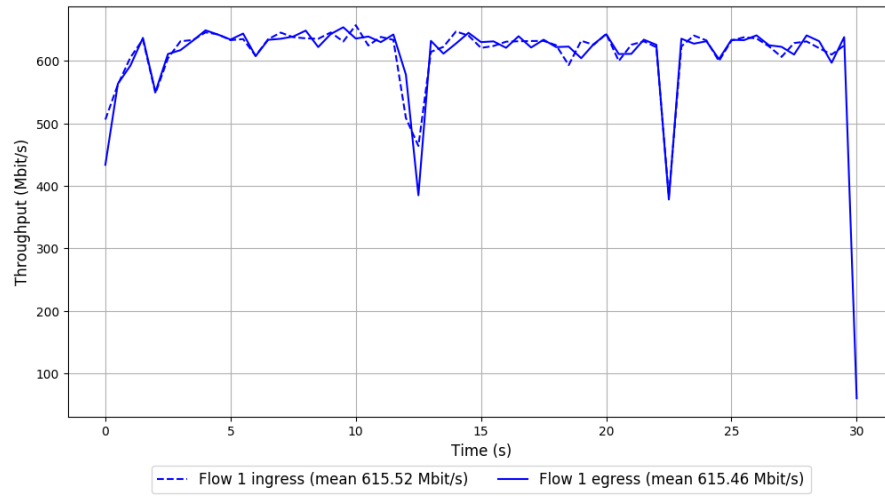
-- Flow 1:

Average throughput: 615.46 Mbit/s

95th percentile per-packet one-way delay: 67.529 ms

Loss rate: 0.01%

# Run 10: Report of TCP BBR — Data Link

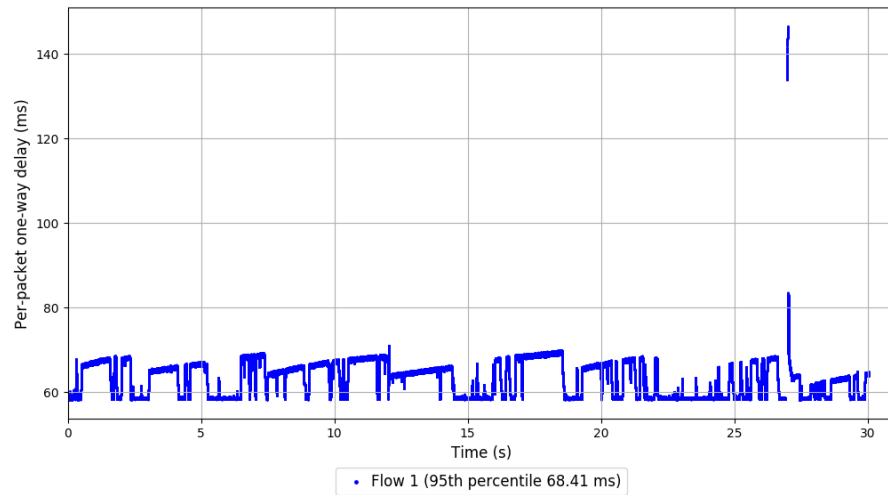
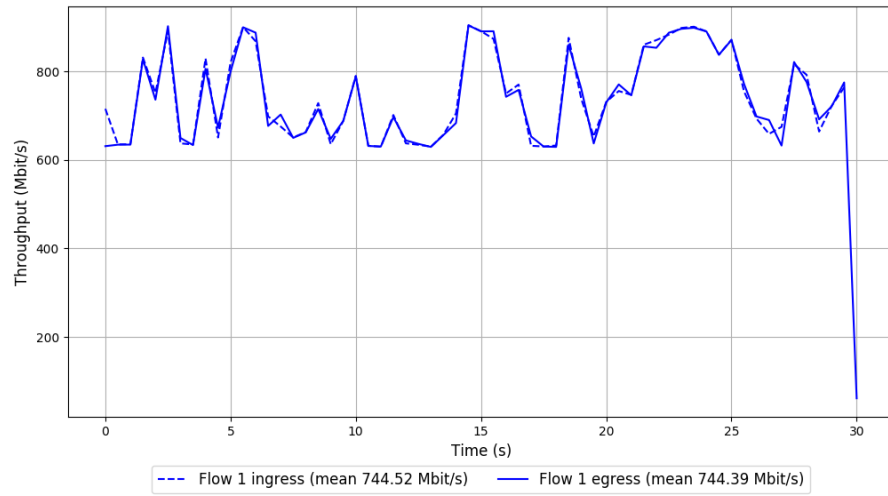


Run 1: Statistics of TCP Cubic

Start at: 2017-11-21 02:39:33  
End at: 2017-11-21 02:40:03  
Local clock offset: -1.271 ms  
Remote clock offset: 45.662 ms

# Below is generated by plot.py at 2017-11-21 07:20:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 744.39 Mbit/s  
95th percentile per-packet one-way delay: 68.413 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 744.39 Mbit/s  
95th percentile per-packet one-way delay: 68.413 ms  
Loss rate: 0.02%

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



Run 2: Statistics of TCP Cubic

Start at: 2017-11-21 02:57:44

End at: 2017-11-21 02:58:14

Local clock offset: -1.503 ms

Remote clock offset: 45.27 ms

# Below is generated by plot.py at 2017-11-21 07:21:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 703.57 Mbit/s

95th percentile per-packet one-way delay: 67.910 ms

Loss rate: 0.02%

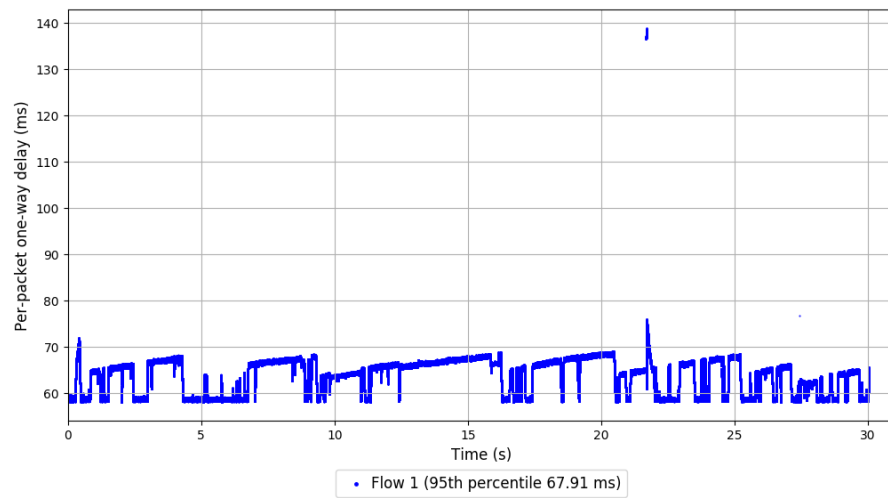
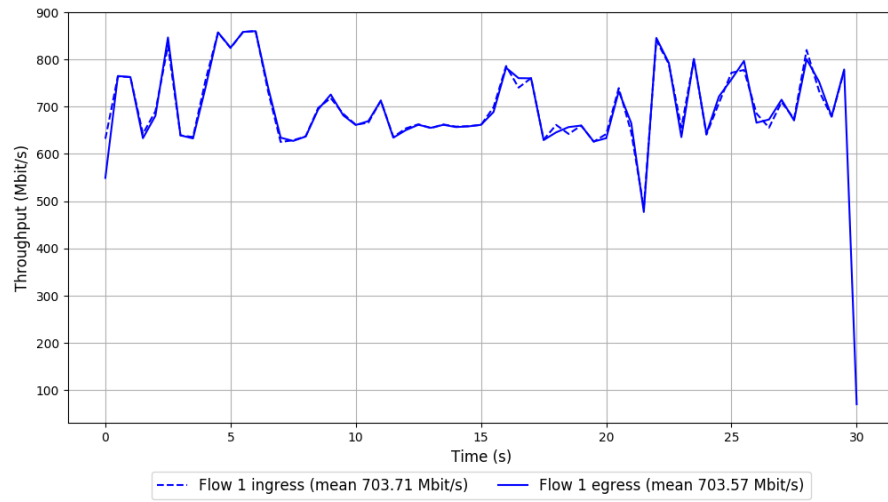
-- Flow 1:

Average throughput: 703.57 Mbit/s

95th percentile per-packet one-way delay: 67.910 ms

Loss rate: 0.02%

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



Run 3: Statistics of TCP Cubic

Start at: 2017-11-21 03:16:04

End at: 2017-11-21 03:16:34

Local clock offset: -1.721 ms

Remote clock offset: 45.13 ms

# Below is generated by plot.py at 2017-11-21 07:23:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 829.45 Mbit/s

95th percentile per-packet one-way delay: 79.967 ms

Loss rate: 0.05%

-- Flow 1:

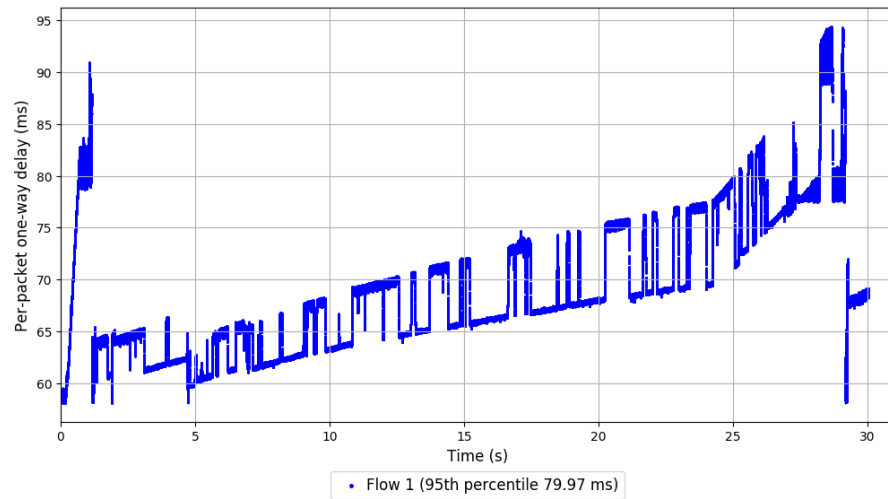
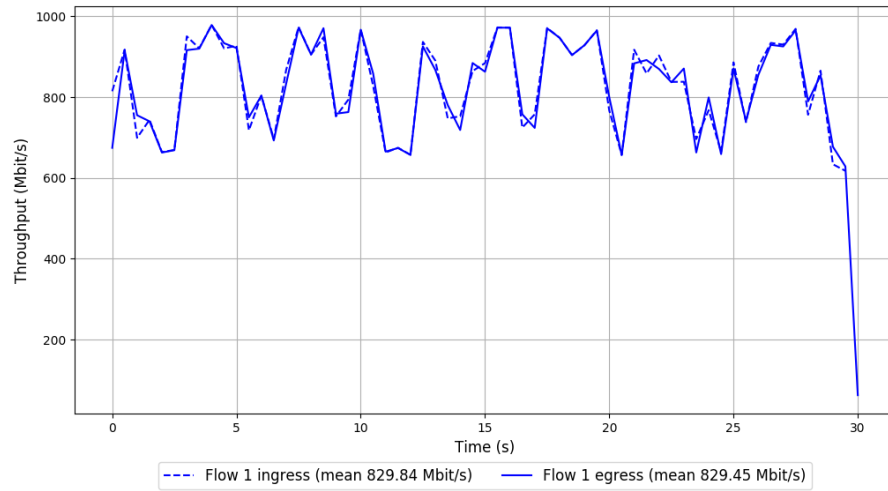
Average throughput: 829.45 Mbit/s

95th percentile per-packet one-way delay: 79.967 ms

Loss rate: 0.05%



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

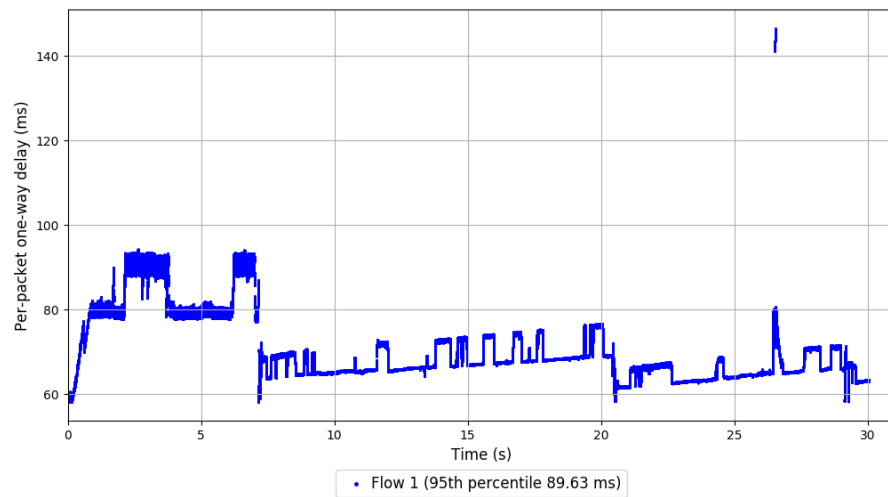
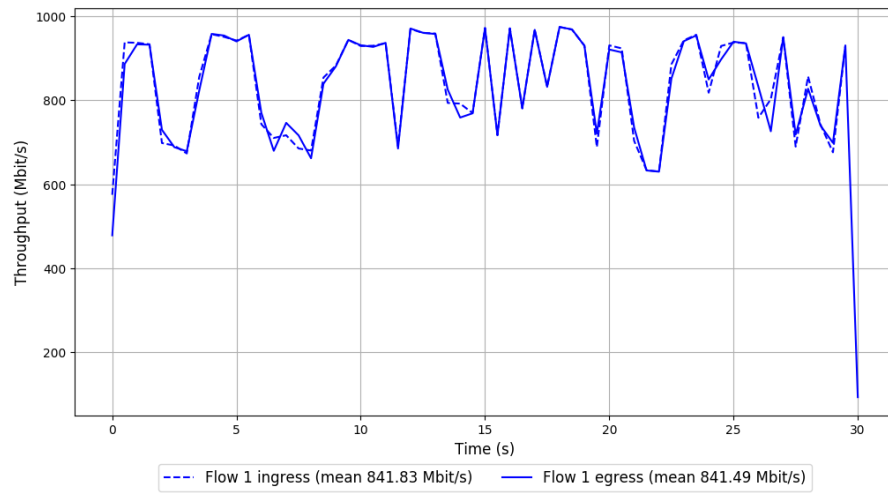


Run 4: Statistics of TCP Cubic

Start at: 2017-11-21 03:34:11  
End at: 2017-11-21 03:34:41  
Local clock offset: -1.599 ms  
Remote clock offset: 43.537 ms

# Below is generated by plot.py at 2017-11-21 07:23:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 841.49 Mbit/s  
95th percentile per-packet one-way delay: 89.627 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 841.49 Mbit/s  
95th percentile per-packet one-way delay: 89.627 ms  
Loss rate: 0.04%

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

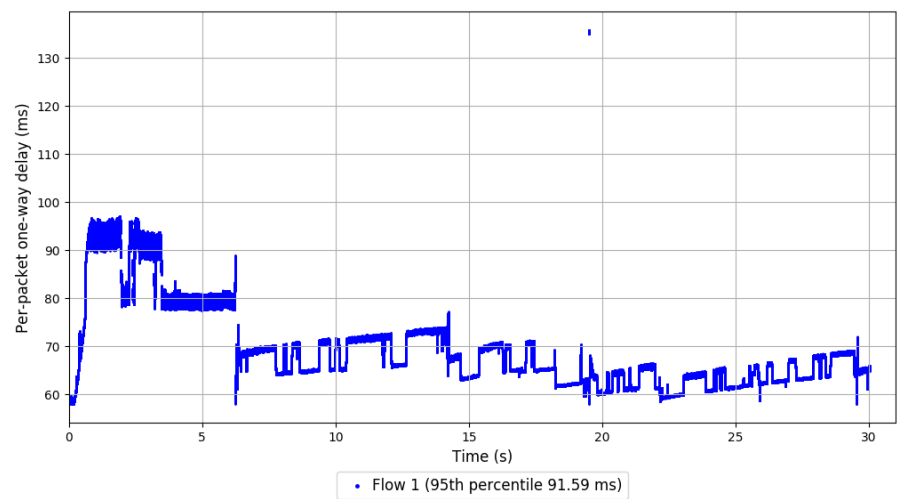
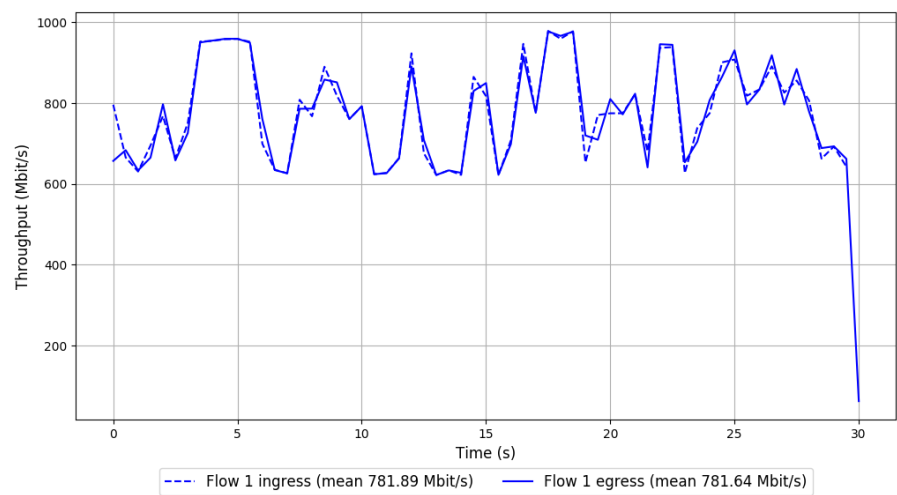


Run 5: Statistics of TCP Cubic

Start at: 2017-11-21 03:52:21  
End at: 2017-11-21 03:52:51  
Local clock offset: -1.535 ms  
Remote clock offset: 41.091 ms

# Below is generated by plot.py at 2017-11-21 07:23:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 781.64 Mbit/s  
95th percentile per-packet one-way delay: 91.590 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 781.64 Mbit/s  
95th percentile per-packet one-way delay: 91.590 ms  
Loss rate: 0.03%

Run 5: Report of TCP Cubic — Data Link

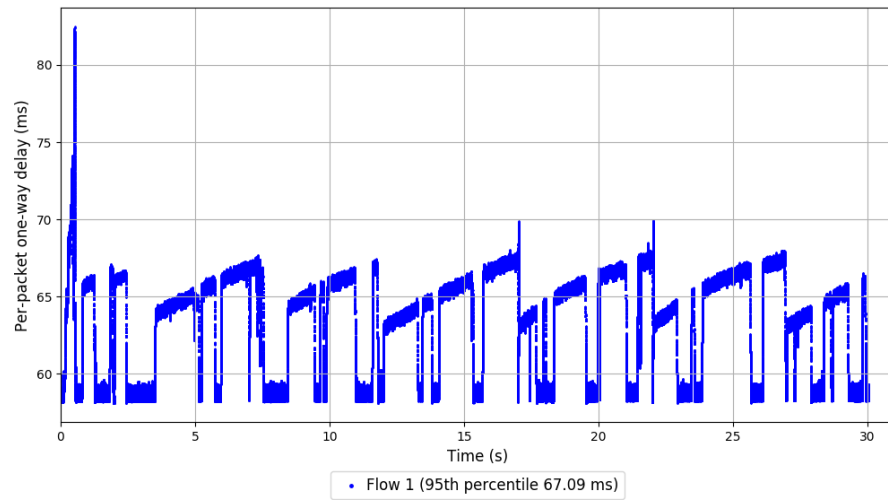
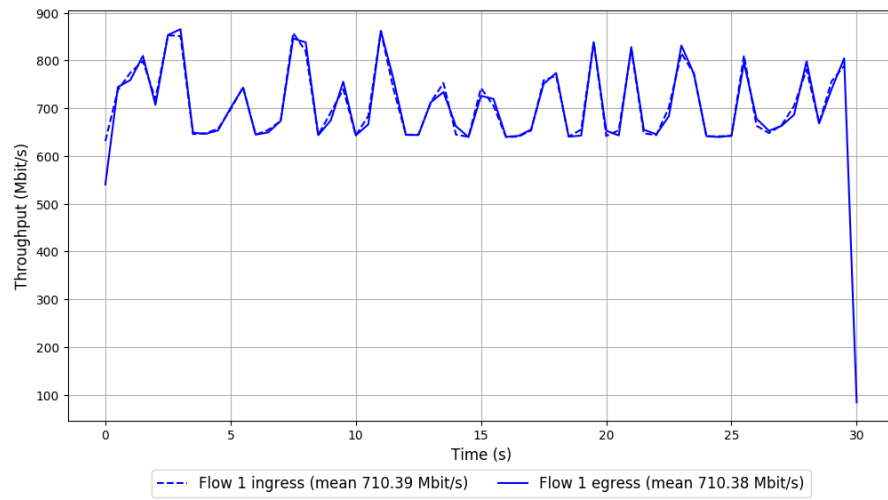


Run 6: Statistics of TCP Cubic

Start at: 2017-11-21 04:10:24  
End at: 2017-11-21 04:10:54  
Local clock offset: -1.254 ms  
Remote clock offset: 40.349 ms

# Below is generated by plot.py at 2017-11-21 07:23:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 710.38 Mbit/s  
95th percentile per-packet one-way delay: 67.087 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 710.38 Mbit/s  
95th percentile per-packet one-way delay: 67.087 ms  
Loss rate: 0.00%

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



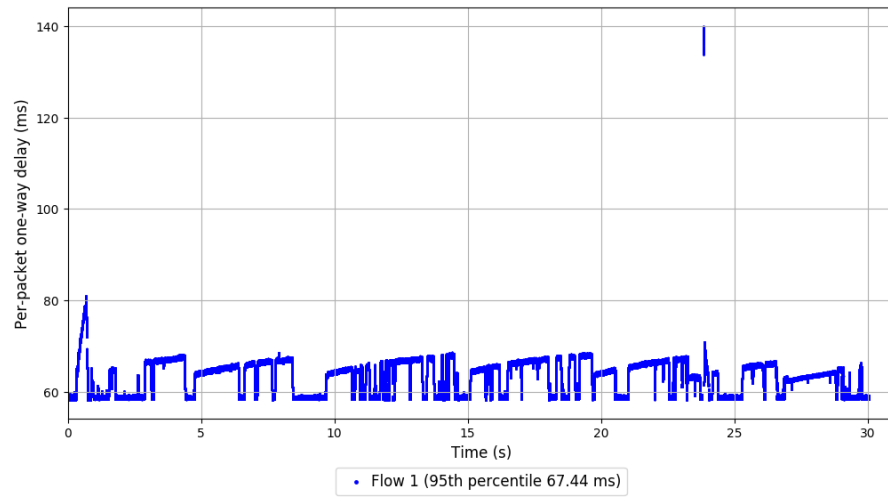
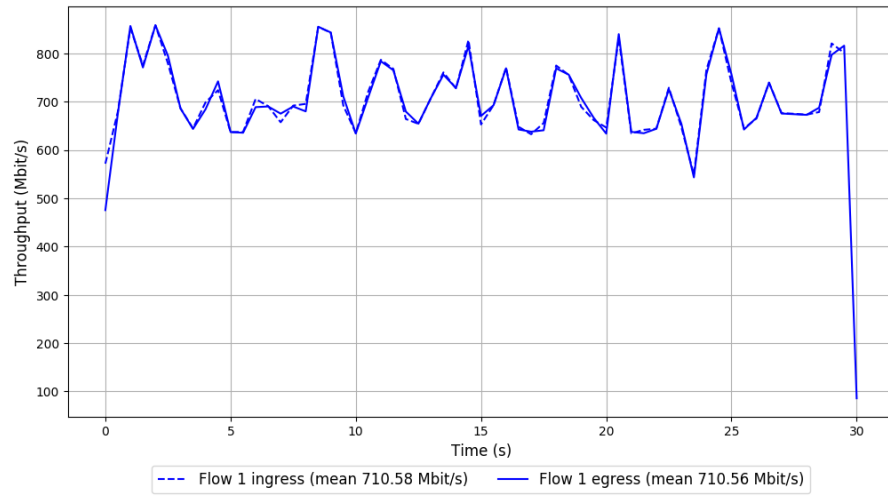
Run 7: Statistics of TCP Cubic

Start at: 2017-11-21 04:28:28  
End at: 2017-11-21 04:28:58  
Local clock offset: -1.02 ms  
Remote clock offset: 37.976 ms

# Below is generated by plot.py at 2017-11-21 07:28:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 710.56 Mbit/s  
95th percentile per-packet one-way delay: 67.442 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 710.56 Mbit/s  
95th percentile per-packet one-way delay: 67.442 ms  
Loss rate: 0.00%



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

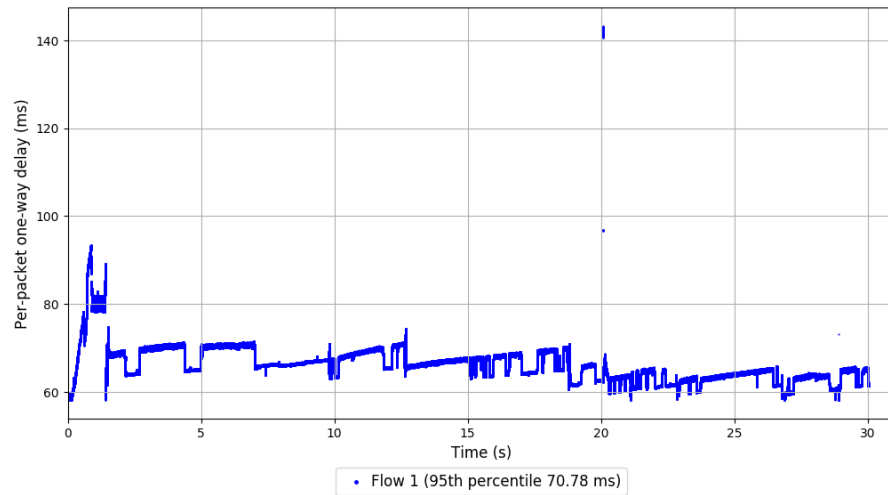
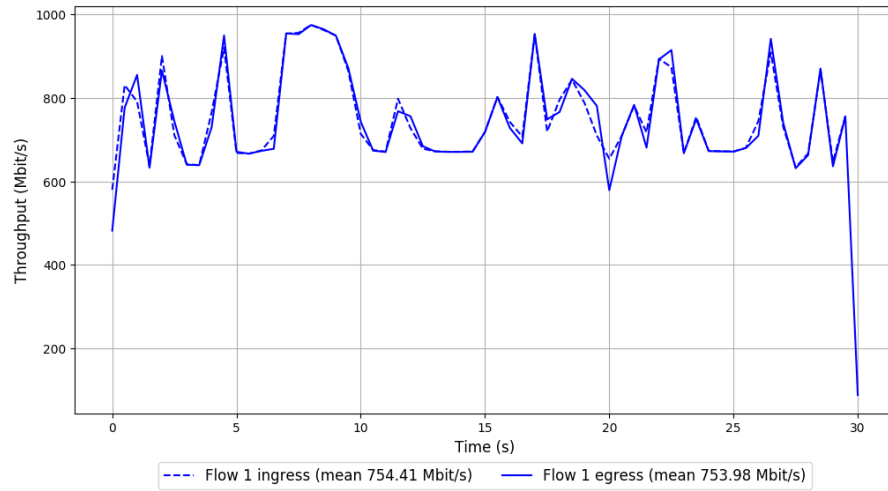


Run 8: Statistics of TCP Cubic

Start at: 2017-11-21 04:46:29  
End at: 2017-11-21 04:46:59  
Local clock offset: -0.488 ms  
Remote clock offset: 35.545 ms

# Below is generated by plot.py at 2017-11-21 07:29:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 753.98 Mbit/s  
95th percentile per-packet one-way delay: 70.781 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 753.98 Mbit/s  
95th percentile per-packet one-way delay: 70.781 ms  
Loss rate: 0.05%

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

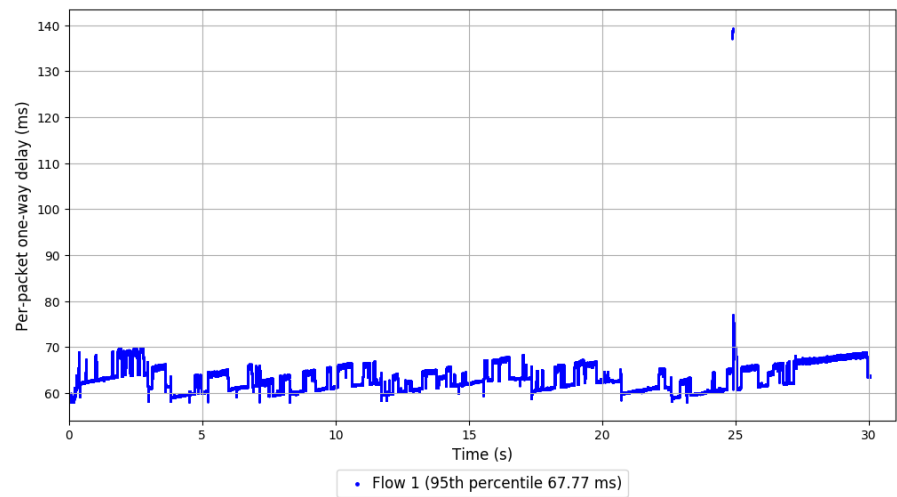
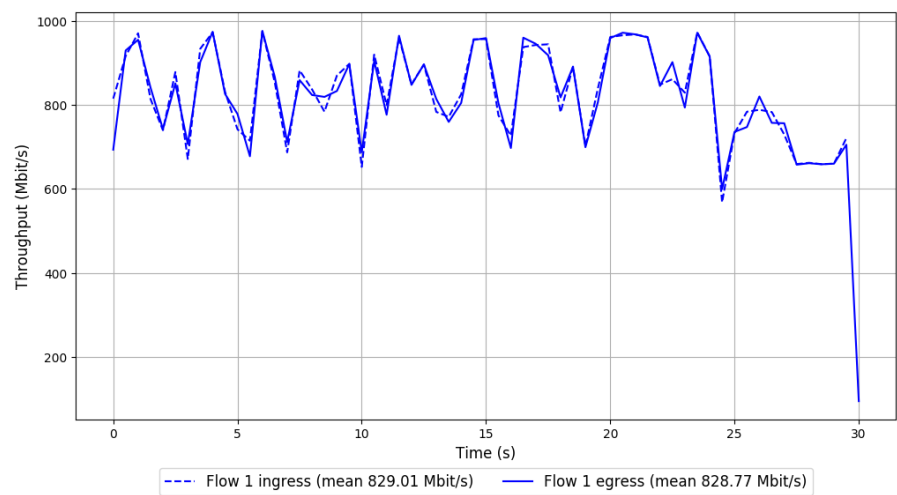


Run 9: Statistics of TCP Cubic

Start at: 2017-11-21 05:04:31  
End at: 2017-11-21 05:05:01  
Local clock offset: -0.073 ms  
Remote clock offset: 34.493 ms

# Below is generated by plot.py at 2017-11-21 07:33:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 828.77 Mbit/s  
95th percentile per-packet one-way delay: 67.769 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 828.77 Mbit/s  
95th percentile per-packet one-way delay: 67.769 ms  
Loss rate: 0.03%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-11-21 05:22:44

End at: 2017-11-21 05:23:14

Local clock offset: 0.235 ms

Remote clock offset: 32.606 ms

# Below is generated by plot.py at 2017-11-21 07:33:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 829.87 Mbit/s

95th percentile per-packet one-way delay: 89.629 ms

Loss rate: 0.03%

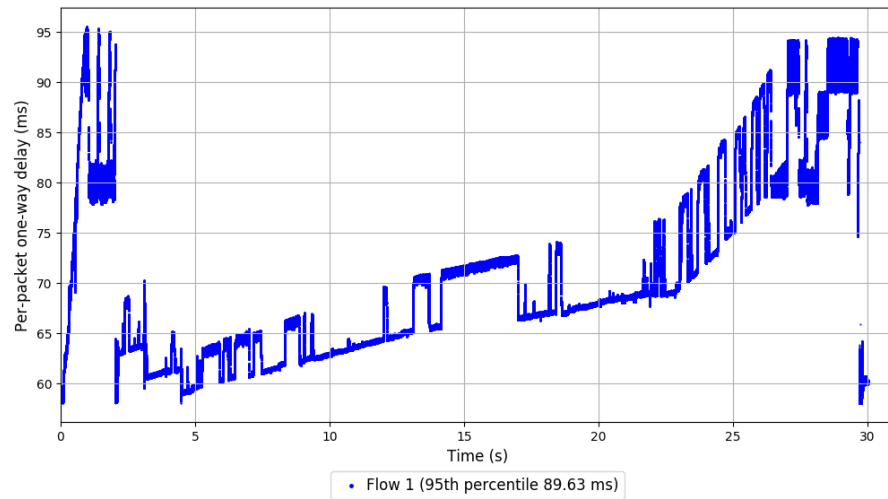
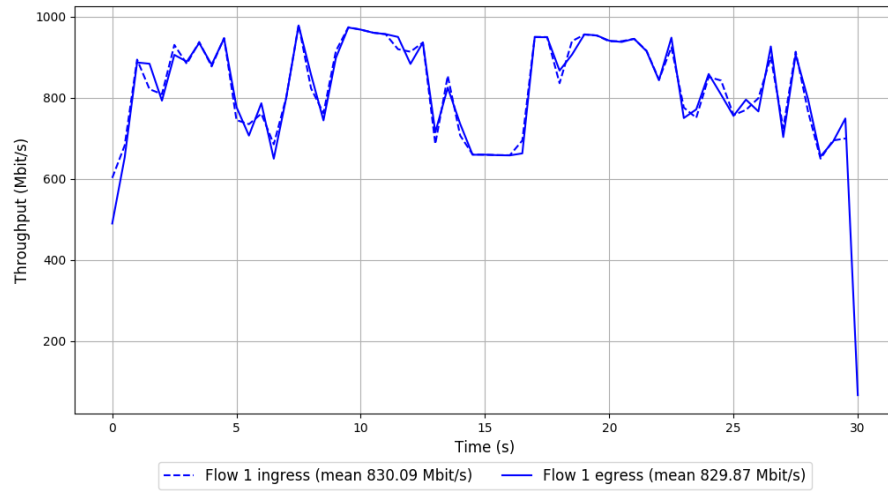
-- Flow 1:

Average throughput: 829.87 Mbit/s

95th percentile per-packet one-way delay: 89.629 ms

Loss rate: 0.03%

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



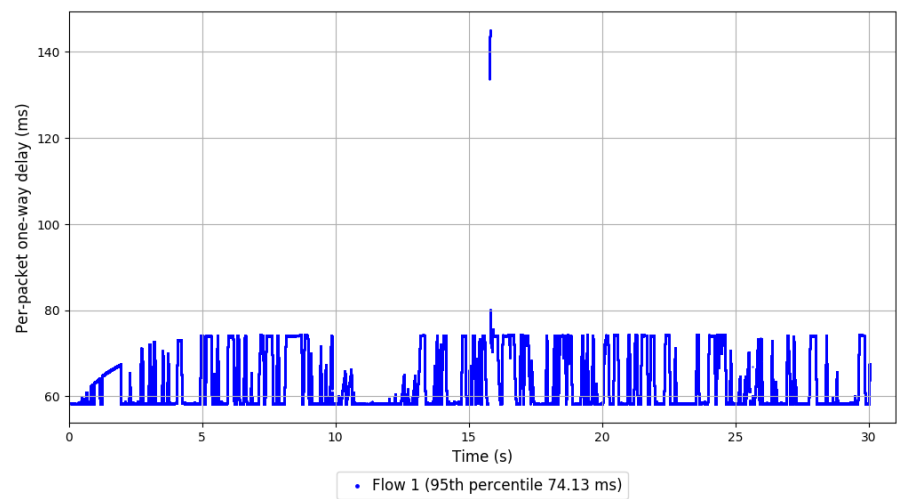
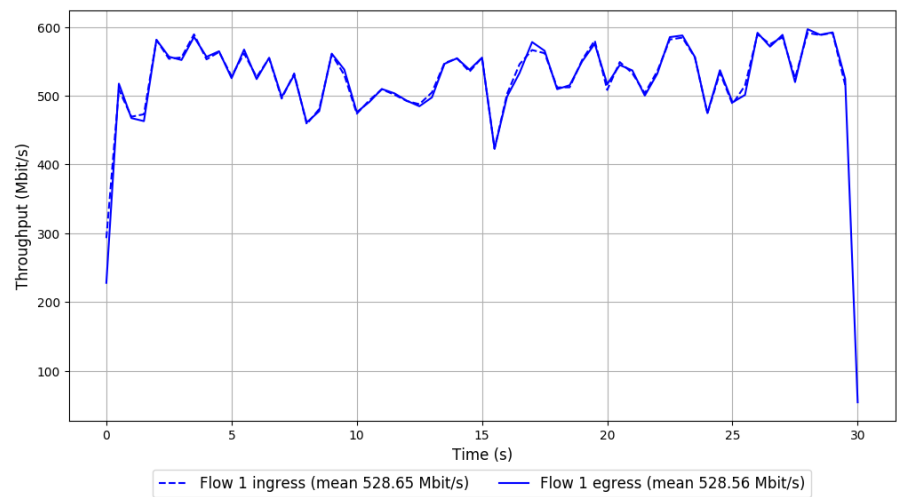
Run 1: Statistics of LEDBAT

Start at: 2017-11-21 02:41:07  
End at: 2017-11-21 02:41:37  
Local clock offset: -1.394 ms  
Remote clock offset: 45.654 ms

# Below is generated by plot.py at 2017-11-21 07:33:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 528.56 Mbit/s  
95th percentile per-packet one-way delay: 74.133 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 528.56 Mbit/s  
95th percentile per-packet one-way delay: 74.133 ms  
Loss rate: 0.02%



Run 1: Report of LEDBAT — Data Link

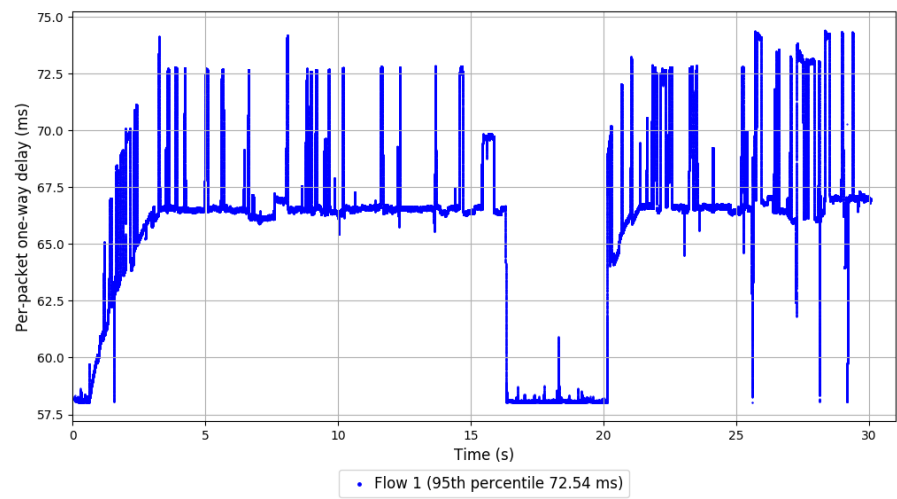
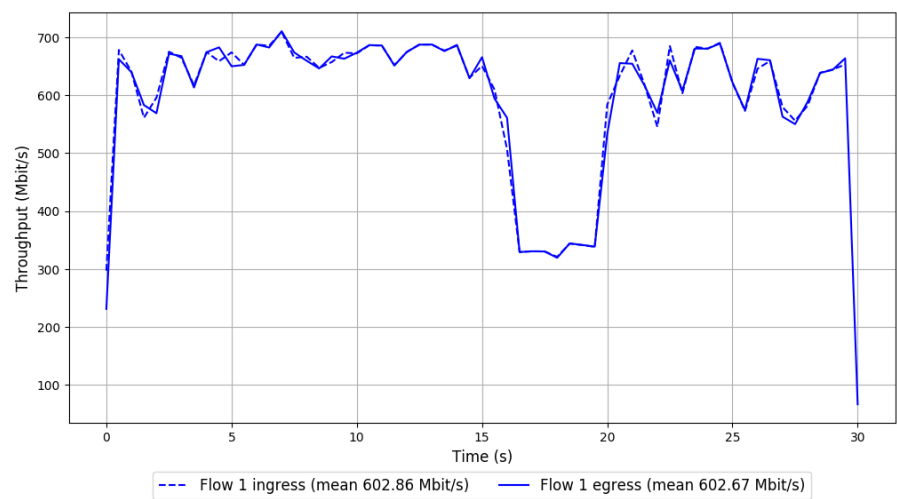


Run 2: Statistics of LEDBAT

Start at: 2017-11-21 02:59:16  
End at: 2017-11-21 02:59:46  
Local clock offset: -1.457 ms  
Remote clock offset: 45.286 ms

# Below is generated by plot.py at 2017-11-21 07:33:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 602.67 Mbit/s  
95th percentile per-packet one-way delay: 72.540 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 602.67 Mbit/s  
95th percentile per-packet one-way delay: 72.540 ms  
Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link

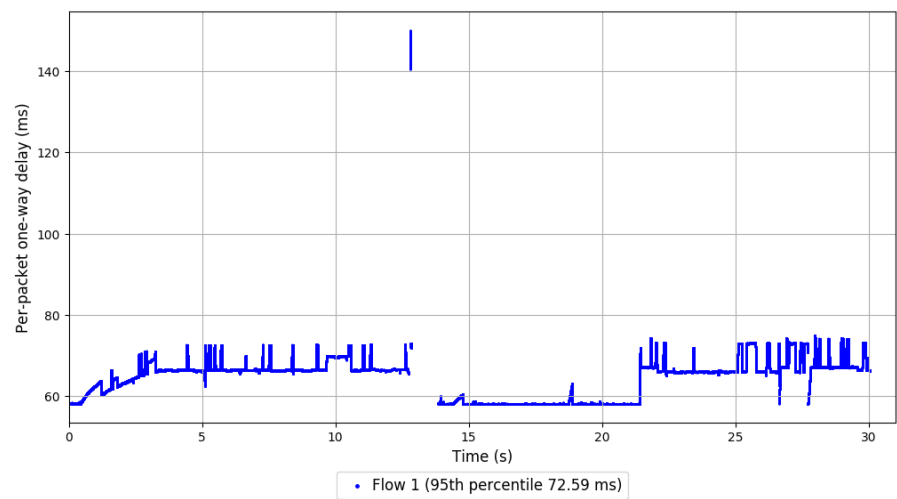
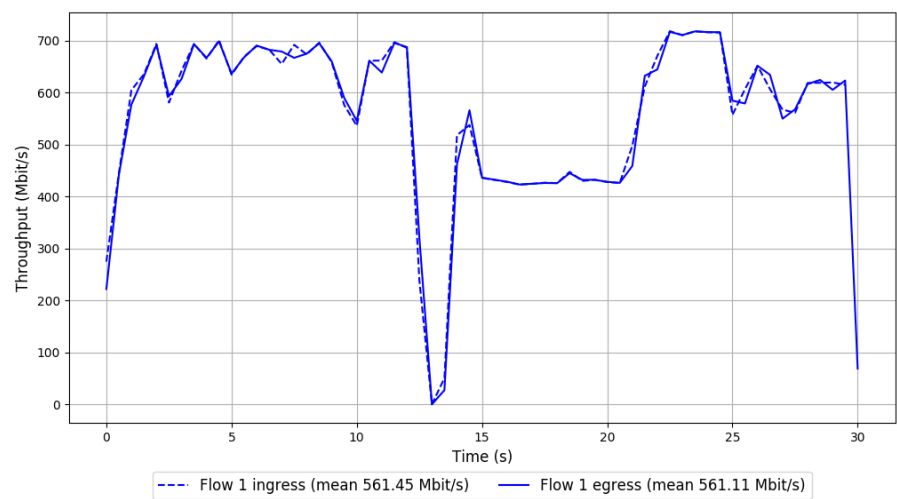


Run 3: Statistics of LEDBAT

Start at: 2017-11-21 03:17:41  
End at: 2017-11-21 03:18:11  
Local clock offset: -1.676 ms  
Remote clock offset: 45.204 ms

# Below is generated by plot.py at 2017-11-21 07:33:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 561.11 Mbit/s  
95th percentile per-packet one-way delay: 72.593 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 561.11 Mbit/s  
95th percentile per-packet one-way delay: 72.593 ms  
Loss rate: 0.06%

Run 3: Report of LEDBAT — Data Link

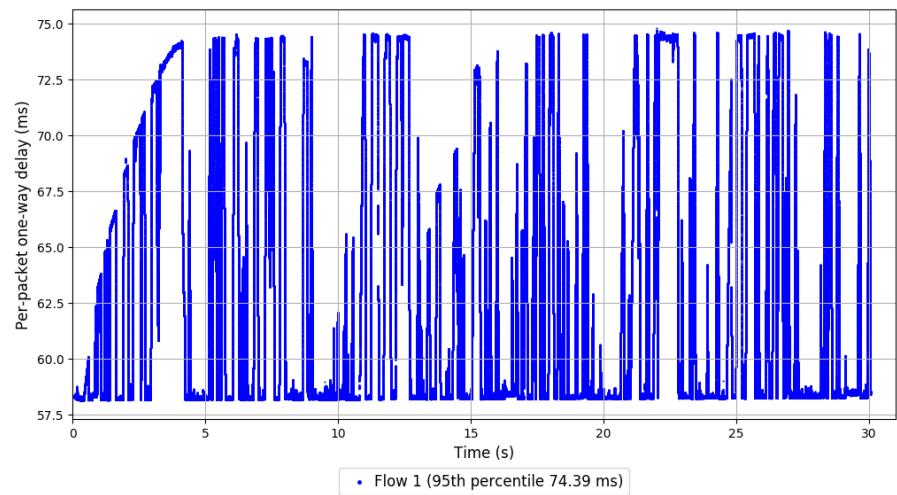
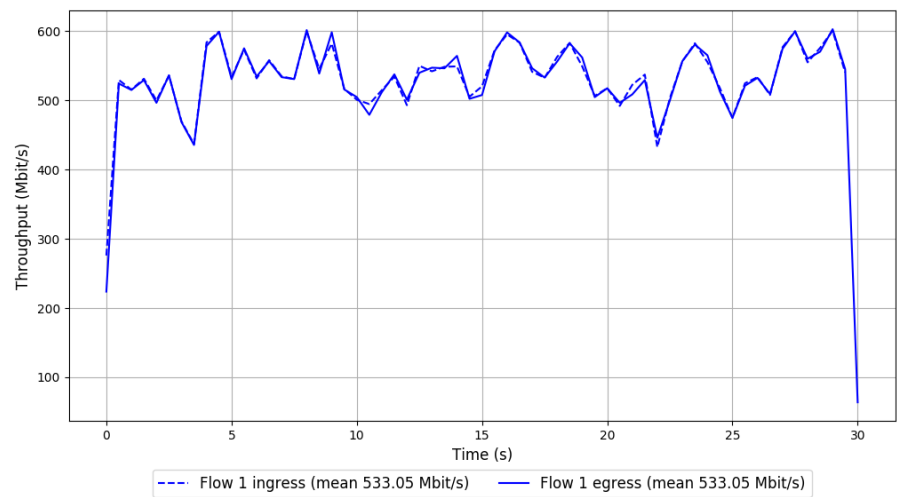


Run 4: Statistics of LEDBAT

Start at: 2017-11-21 03:35:48  
End at: 2017-11-21 03:36:18  
Local clock offset: -1.622 ms  
Remote clock offset: 43.236 ms

# Below is generated by plot.py at 2017-11-21 07:33:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 533.05 Mbit/s  
95th percentile per-packet one-way delay: 74.391 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 533.05 Mbit/s  
95th percentile per-packet one-way delay: 74.391 ms  
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



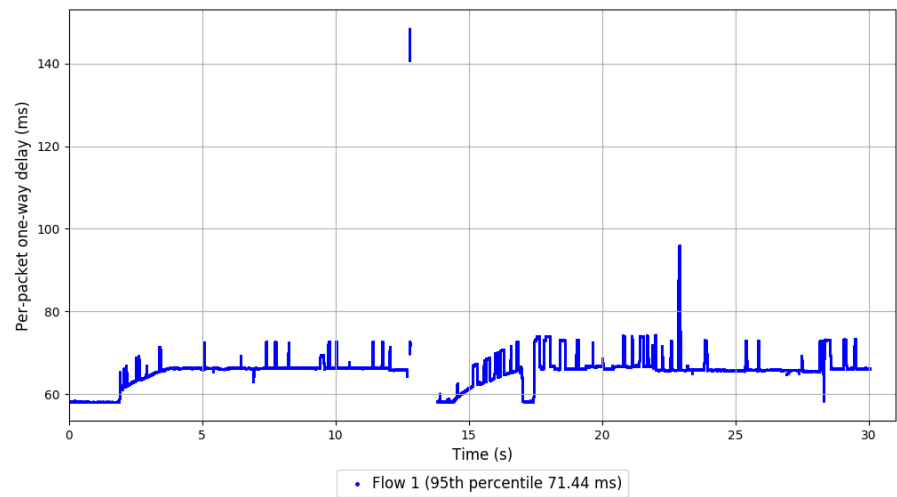
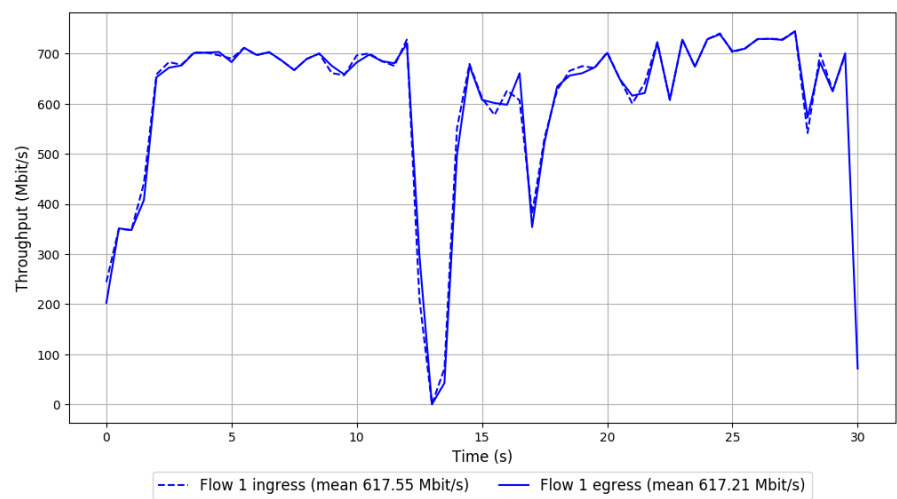
Run 5: Statistics of LEDBAT

Start at: 2017-11-21 03:53:56  
End at: 2017-11-21 03:54:26  
Local clock offset: -1.613 ms  
Remote clock offset: 41.037 ms

# Below is generated by plot.py at 2017-11-21 07:37:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 617.21 Mbit/s  
95th percentile per-packet one-way delay: 71.437 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 617.21 Mbit/s  
95th percentile per-packet one-way delay: 71.437 ms  
Loss rate: 0.06%



Run 5: Report of LEDBAT — Data Link

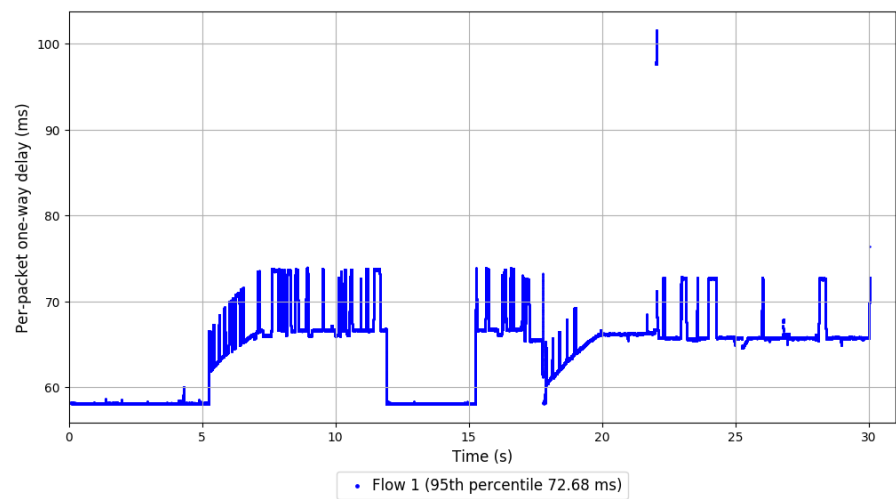
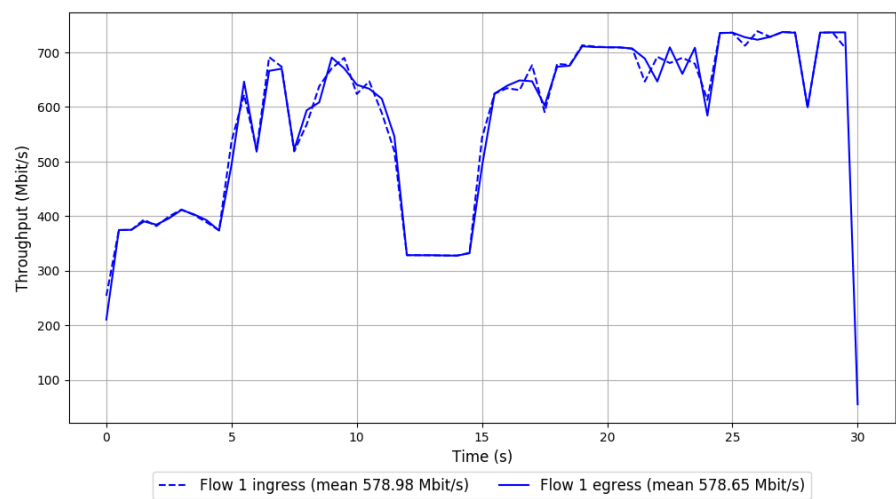


Run 6: Statistics of LEDBAT

Start at: 2017-11-21 04:11:56  
End at: 2017-11-21 04:12:26  
Local clock offset: -1.224 ms  
Remote clock offset: 40.296 ms

# Below is generated by plot.py at 2017-11-21 07:38:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 578.65 Mbit/s  
95th percentile per-packet one-way delay: 72.682 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 578.65 Mbit/s  
95th percentile per-packet one-way delay: 72.682 ms  
Loss rate: 0.04%

Run 6: Report of LEDBAT — Data Link

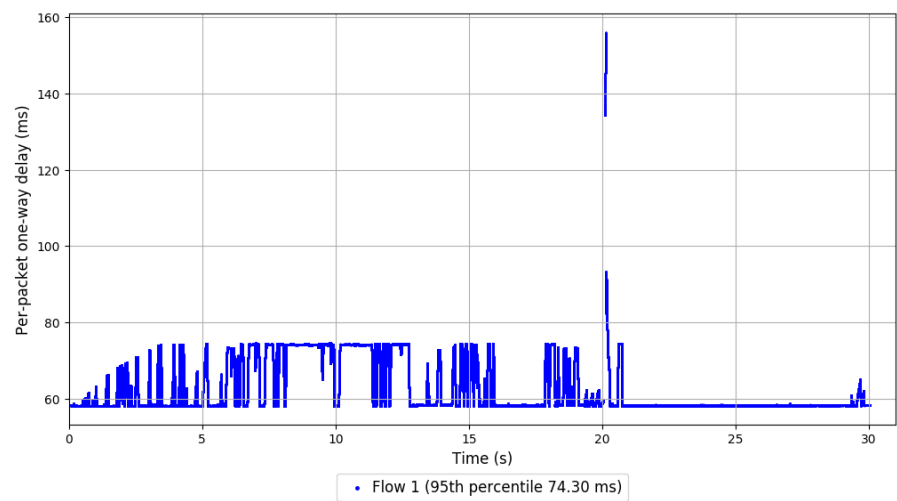
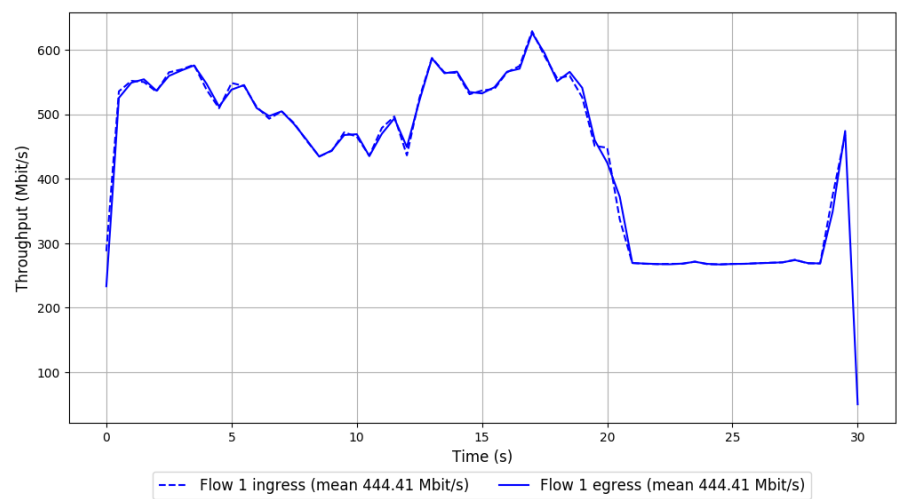


Run 7: Statistics of LEDBAT

Start at: 2017-11-21 04:29:59  
End at: 2017-11-21 04:30:30  
Local clock offset: -0.95 ms  
Remote clock offset: 37.596 ms

# Below is generated by plot.py at 2017-11-21 07:38:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 444.41 Mbit/s  
95th percentile per-packet one-way delay: 74.297 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 444.41 Mbit/s  
95th percentile per-packet one-way delay: 74.297 ms  
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

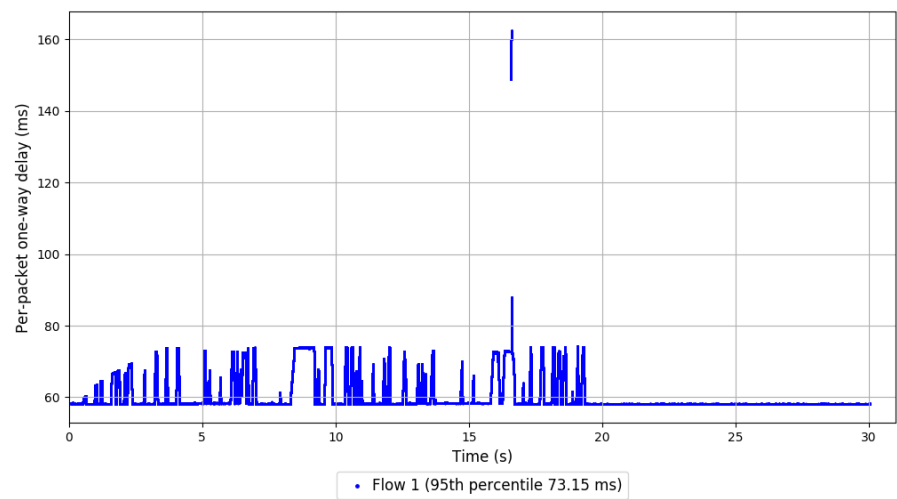
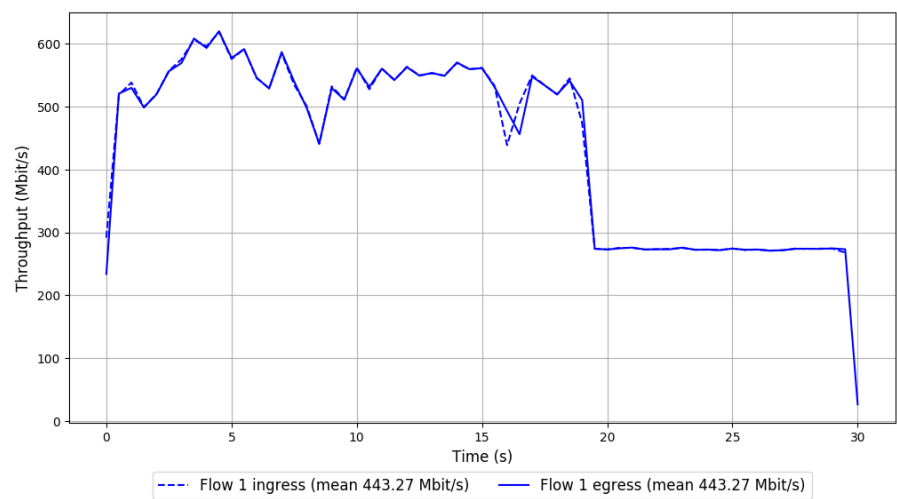


Run 8: Statistics of LEDBAT

Start at: 2017-11-21 04:48:02  
End at: 2017-11-21 04:48:32  
Local clock offset: -0.411 ms  
Remote clock offset: 35.532 ms

# Below is generated by plot.py at 2017-11-21 07:38:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 443.27 Mbit/s  
95th percentile per-packet one-way delay: 73.151 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 443.27 Mbit/s  
95th percentile per-packet one-way delay: 73.151 ms  
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



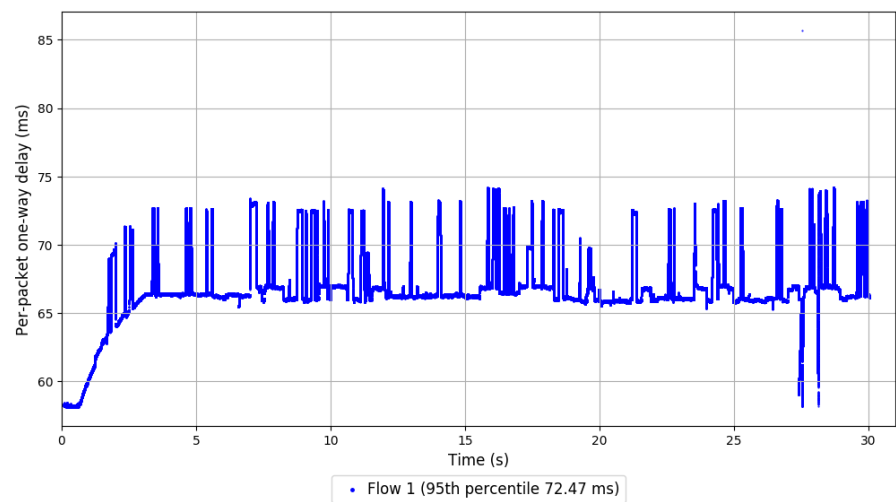
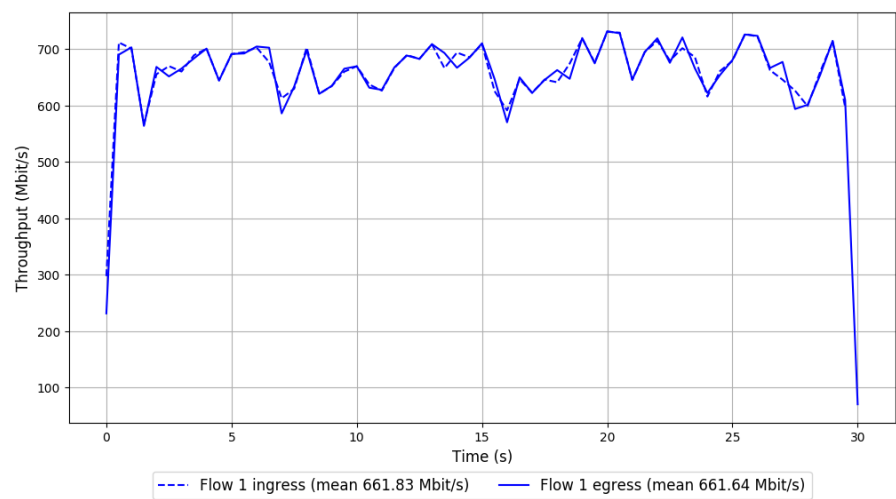
Run 9: Statistics of LEDBAT

Start at: 2017-11-21 05:06:08  
End at: 2017-11-21 05:06:38  
Local clock offset: -0.038 ms  
Remote clock offset: 34.453 ms

# Below is generated by plot.py at 2017-11-21 07:41:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 661.64 Mbit/s  
95th percentile per-packet one-way delay: 72.471 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 661.64 Mbit/s  
95th percentile per-packet one-way delay: 72.471 ms  
Loss rate: 0.03%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-11-21 05:24:22

End at: 2017-11-21 05:24:52

Local clock offset: 0.266 ms

Remote clock offset: 32.435 ms

# Below is generated by plot.py at 2017-11-21 07:41:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 631.76 Mbit/s

95th percentile per-packet one-way delay: 72.072 ms

Loss rate: 0.05%

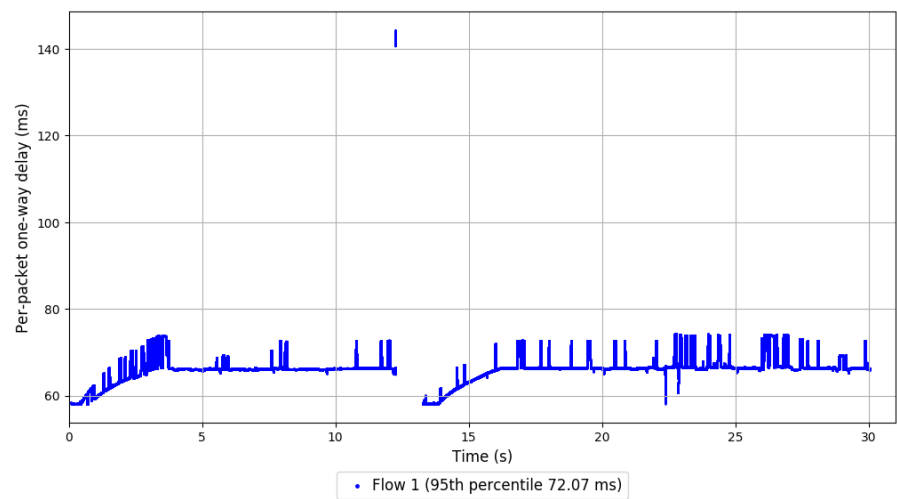
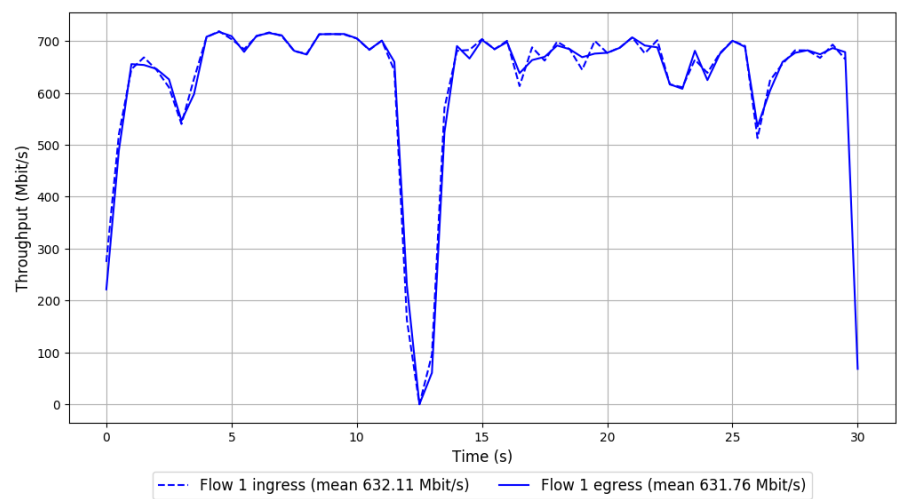
-- Flow 1:

Average throughput: 631.76 Mbit/s

95th percentile per-packet one-way delay: 72.072 ms

Loss rate: 0.05%

Run 10: Report of LEDBAT — Data Link

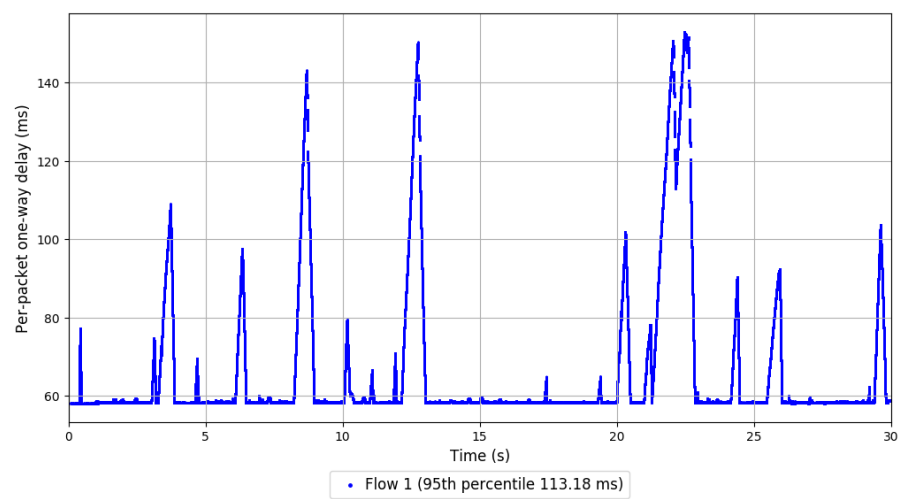
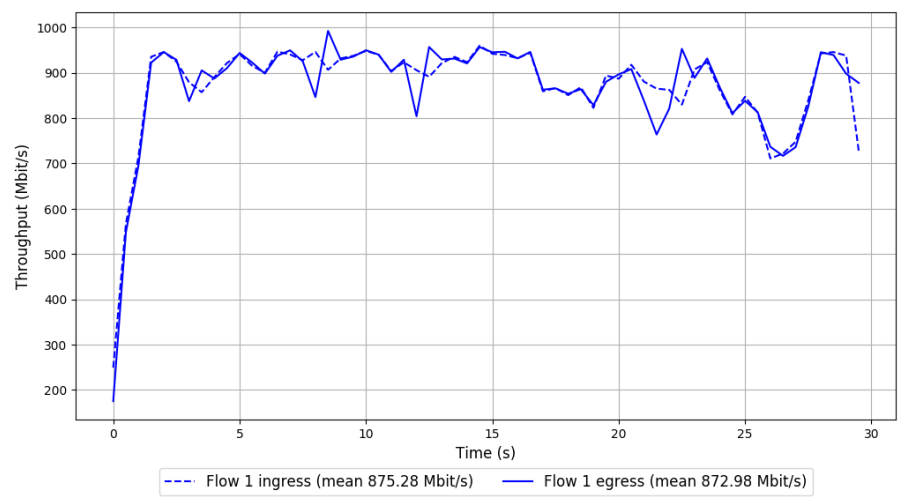


Run 1: Statistics of PCC

Start at: 2017-11-21 02:38:04  
End at: 2017-11-21 02:38:34  
Local clock offset: -1.27 ms  
Remote clock offset: 45.719 ms

# Below is generated by plot.py at 2017-11-21 07:45:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 872.98 Mbit/s  
95th percentile per-packet one-way delay: 113.177 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 872.98 Mbit/s  
95th percentile per-packet one-way delay: 113.177 ms  
Loss rate: 0.26%

Run 1: Report of PCC — Data Link

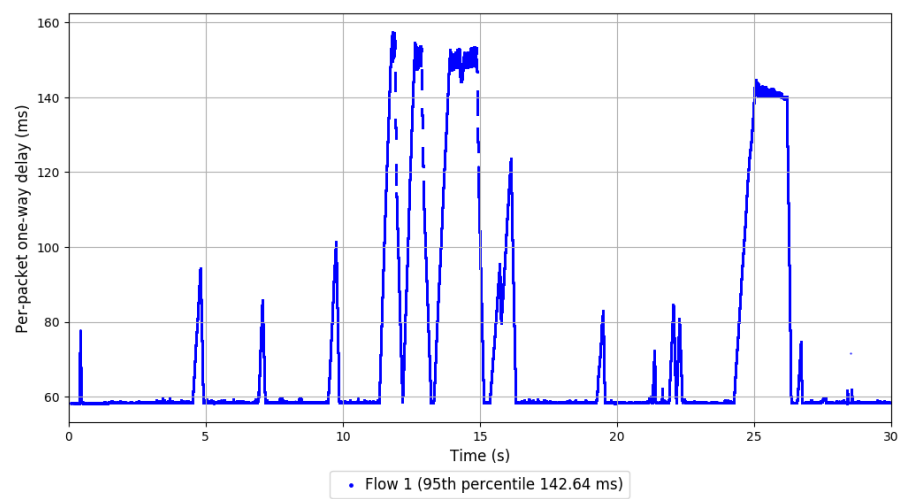
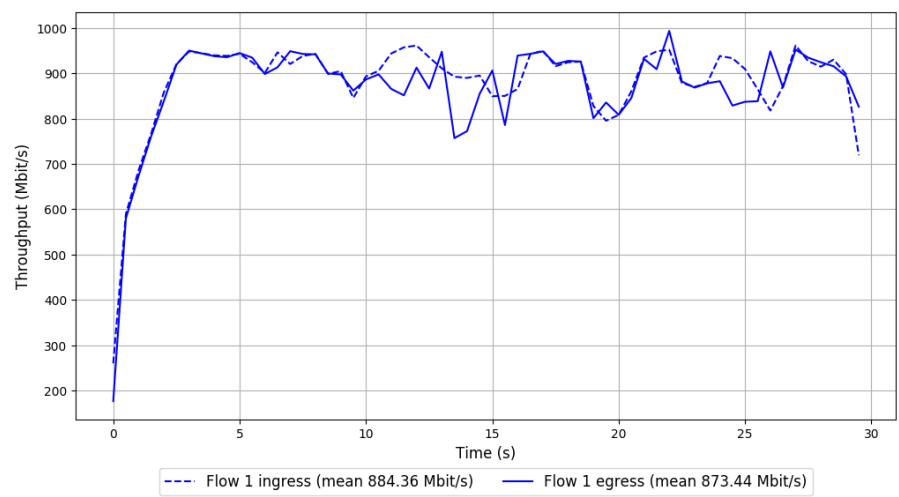


Run 2: Statistics of PCC

Start at: 2017-11-21 02:56:15  
End at: 2017-11-21 02:56:45  
Local clock offset: -1.49 ms  
Remote clock offset: 45.347 ms

# Below is generated by plot.py at 2017-11-21 07:45:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 873.44 Mbit/s  
95th percentile per-packet one-way delay: 142.643 ms  
Loss rate: 1.24%  
-- Flow 1:  
Average throughput: 873.44 Mbit/s  
95th percentile per-packet one-way delay: 142.643 ms  
Loss rate: 1.24%

Run 2: Report of PCC — Data Link



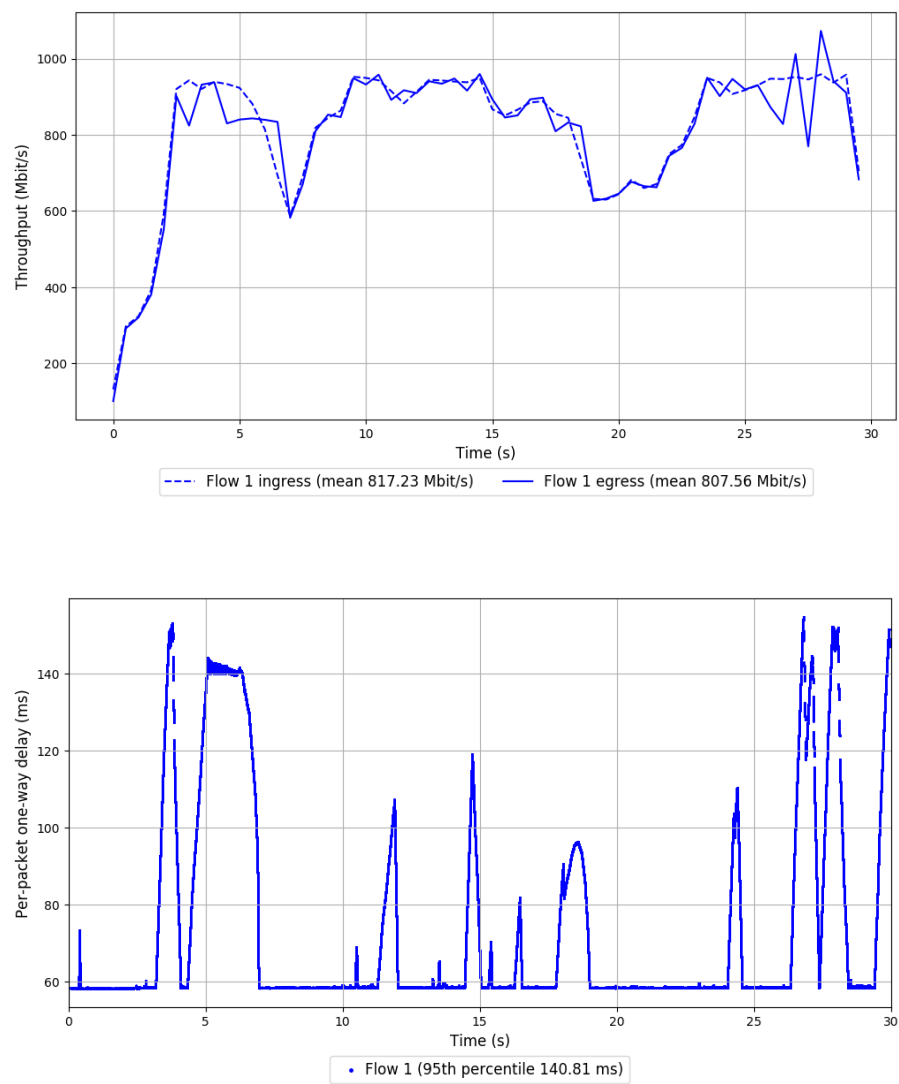
Run 3: Statistics of PCC

Start at: 2017-11-21 03:14:36  
End at: 2017-11-21 03:15:06  
Local clock offset: -1.698 ms  
Remote clock offset: 45.217 ms

# Below is generated by plot.py at 2017-11-21 07:48:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 807.56 Mbit/s  
95th percentile per-packet one-way delay: 140.808 ms  
Loss rate: 1.18%  
-- Flow 1:  
Average throughput: 807.56 Mbit/s  
95th percentile per-packet one-way delay: 140.808 ms  
Loss rate: 1.18%



Run 3: Report of PCC — Data Link

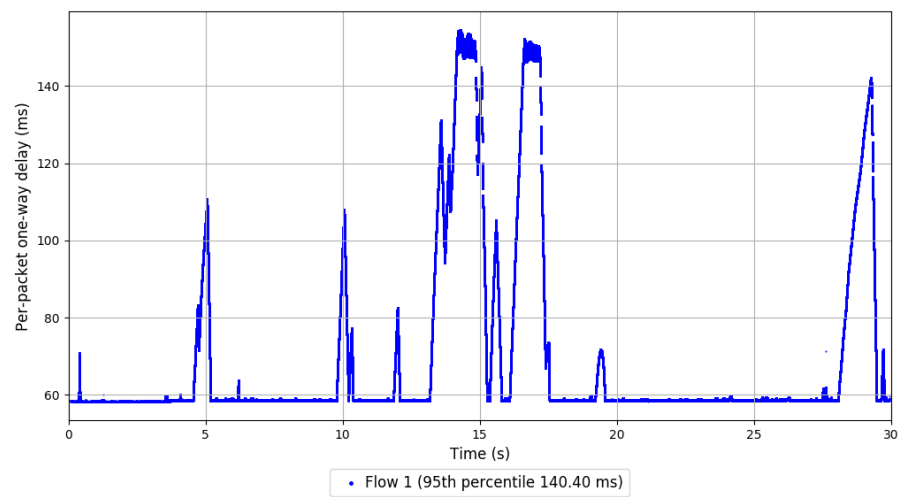
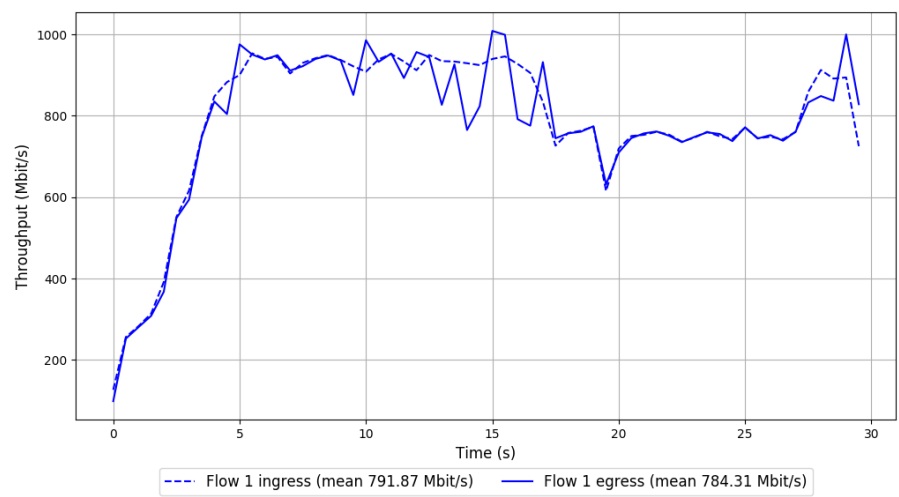


Run 4: Statistics of PCC

Start at: 2017-11-21 03:32:44  
End at: 2017-11-21 03:33:14  
Local clock offset: -1.621 ms  
Remote clock offset: 43.876 ms

# Below is generated by plot.py at 2017-11-21 07:49:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 784.31 Mbit/s  
95th percentile per-packet one-way delay: 140.397 ms  
Loss rate: 0.95%  
-- Flow 1:  
Average throughput: 784.31 Mbit/s  
95th percentile per-packet one-way delay: 140.397 ms  
Loss rate: 0.95%

Run 4: Report of PCC — Data Link

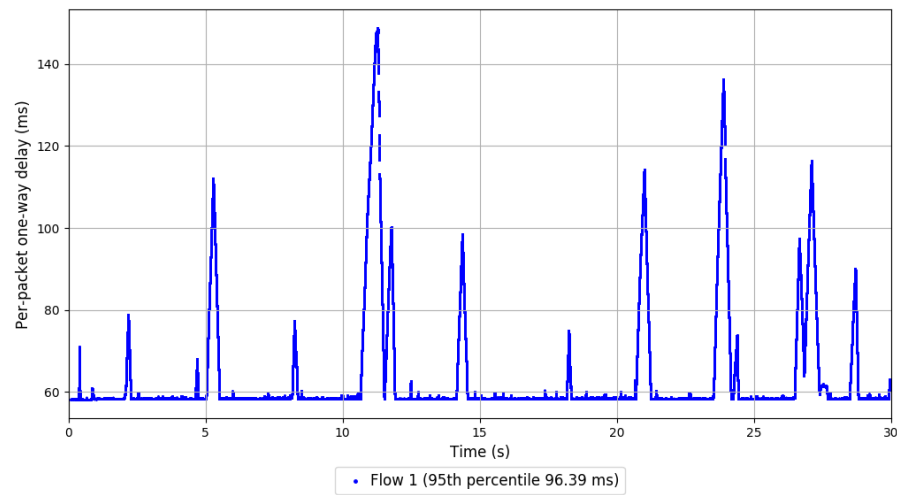
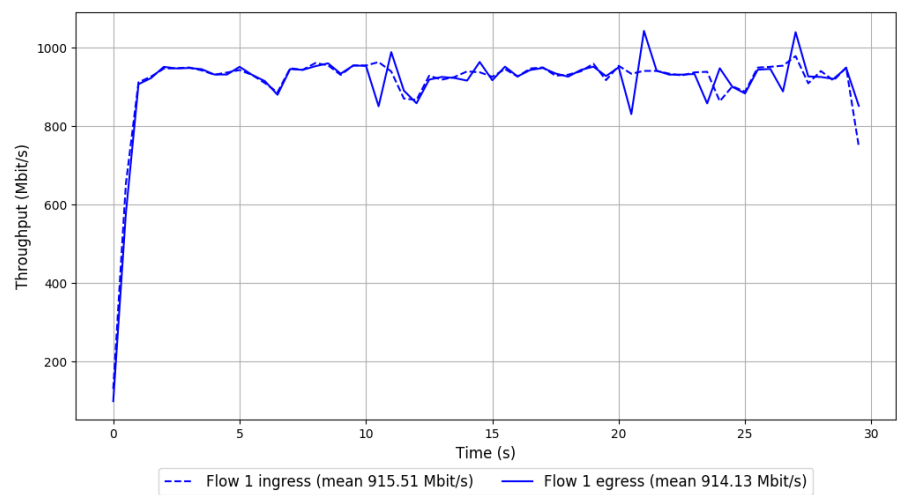


Run 5: Statistics of PCC

Start at: 2017-11-21 03:50:51  
End at: 2017-11-21 03:51:21  
Local clock offset: -1.594 ms  
Remote clock offset: 41.211 ms

# Below is generated by plot.py at 2017-11-21 07:52:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 914.13 Mbit/s  
95th percentile per-packet one-way delay: 96.393 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 914.13 Mbit/s  
95th percentile per-packet one-way delay: 96.393 ms  
Loss rate: 0.15%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-11-21 04:08:56

End at: 2017-11-21 04:09:26

Local clock offset: -1.366 ms

Remote clock offset: 40.35 ms

# Below is generated by plot.py at 2017-11-21 07:52:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 847.89 Mbit/s

95th percentile per-packet one-way delay: 151.394 ms

Loss rate: 3.06%

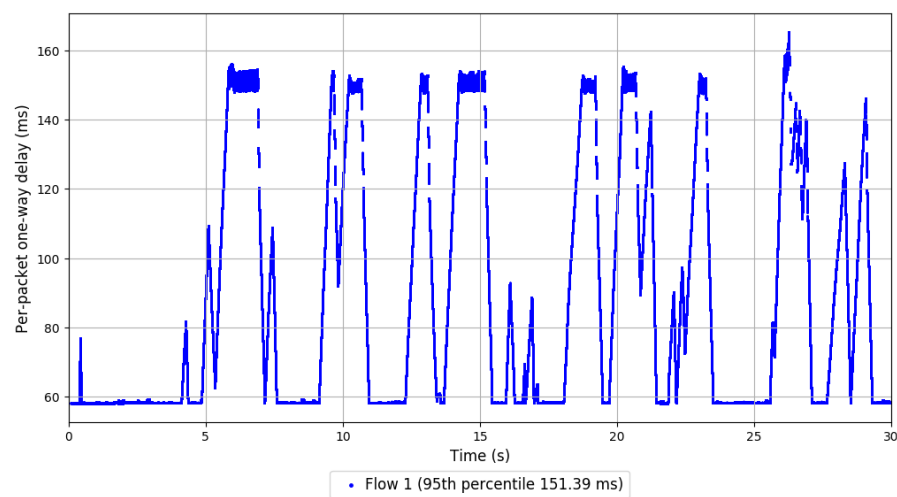
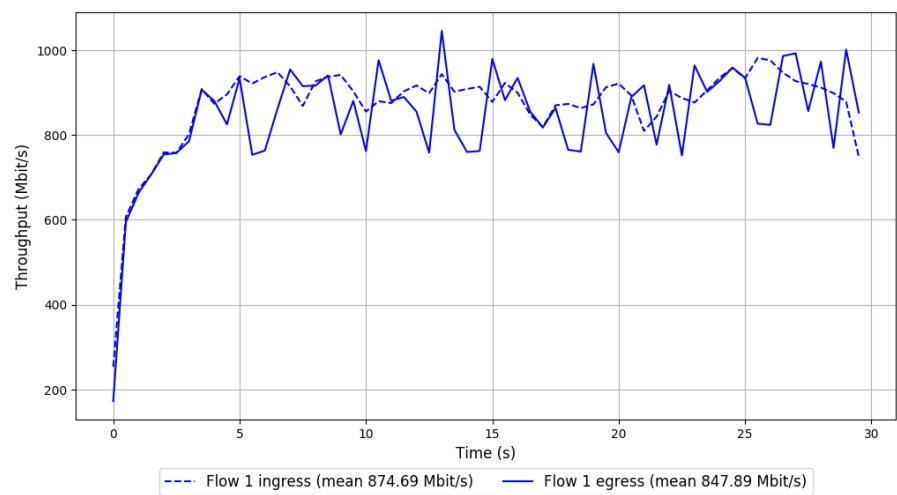
-- Flow 1:

Average throughput: 847.89 Mbit/s

95th percentile per-packet one-way delay: 151.394 ms

Loss rate: 3.06%

Run 6: Report of PCC — Data Link



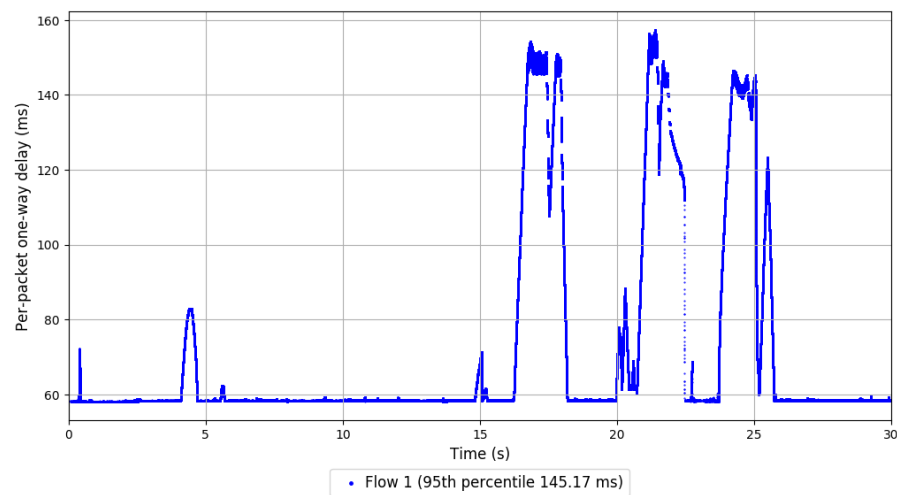
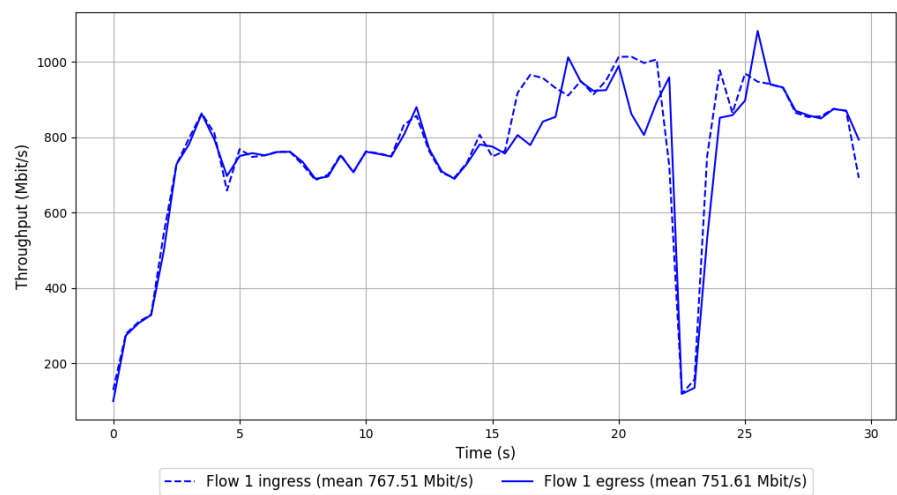
Run 7: Statistics of PCC

Start at: 2017-11-21 04:27:02  
End at: 2017-11-21 04:27:32  
Local clock offset: -0.973 ms  
Remote clock offset: 38.242 ms

# Below is generated by plot.py at 2017-11-21 07:53:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 751.61 Mbit/s  
95th percentile per-packet one-way delay: 145.172 ms  
Loss rate: 2.07%  
-- Flow 1:  
Average throughput: 751.61 Mbit/s  
95th percentile per-packet one-way delay: 145.172 ms  
Loss rate: 2.07%



Run 7: Report of PCC — Data Link

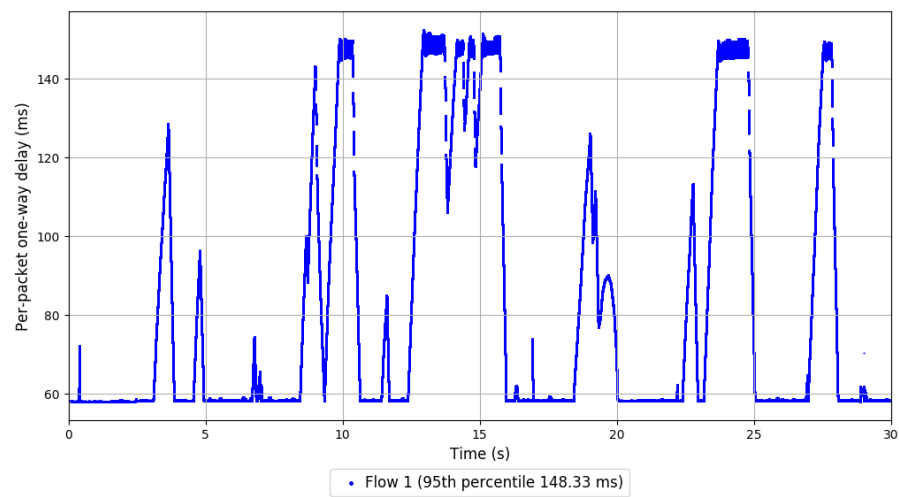
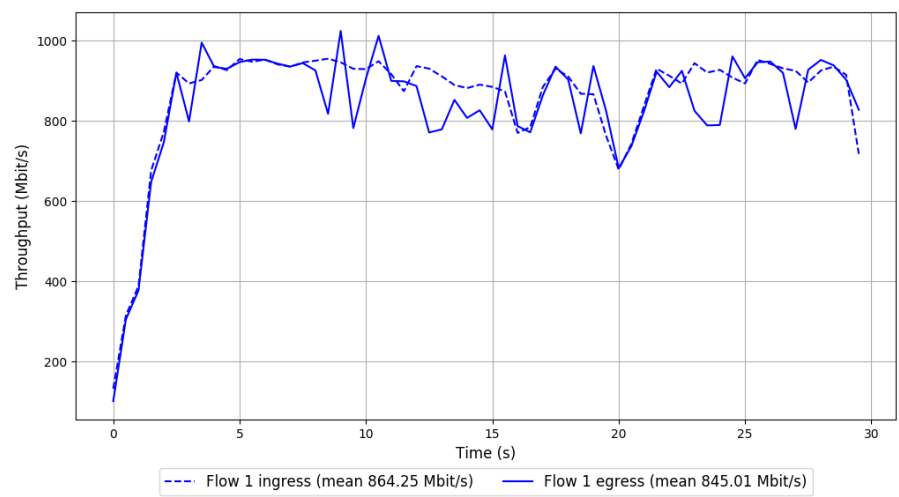


Run 8: Statistics of PCC

Start at: 2017-11-21 04:45:00  
End at: 2017-11-21 04:45:30  
Local clock offset: -0.458 ms  
Remote clock offset: 35.611 ms

# Below is generated by plot.py at 2017-11-21 07:54:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 845.01 Mbit/s  
95th percentile per-packet one-way delay: 148.331 ms  
Loss rate: 2.23%  
-- Flow 1:  
Average throughput: 845.01 Mbit/s  
95th percentile per-packet one-way delay: 148.331 ms  
Loss rate: 2.23%

Run 8: Report of PCC — Data Link

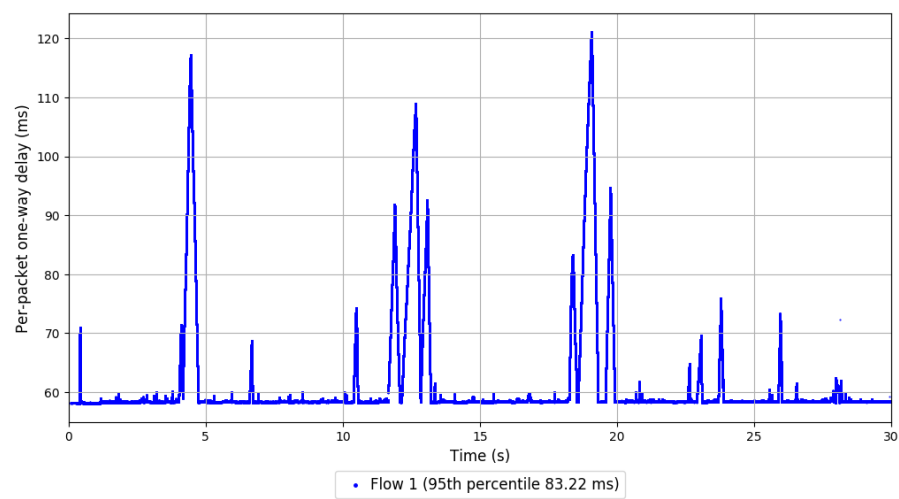
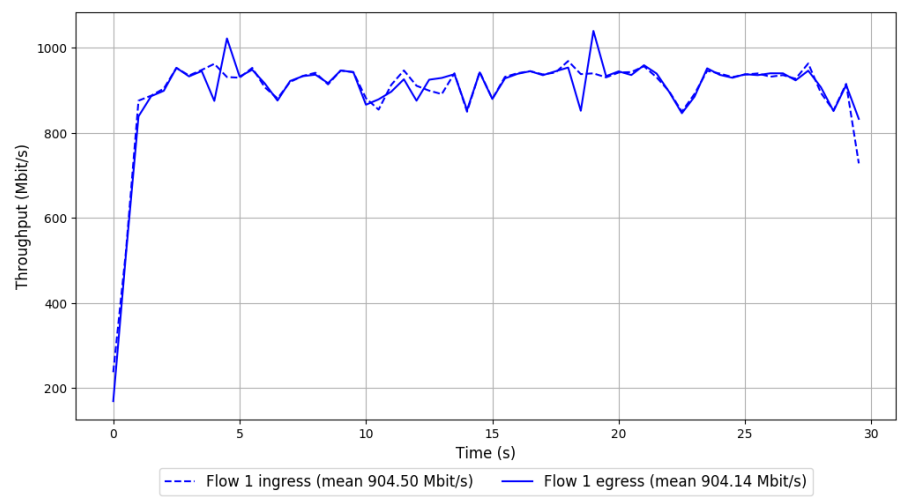


Run 9: Statistics of PCC

Start at: 2017-11-21 05:03:01  
End at: 2017-11-21 05:03:31  
Local clock offset: -0.166 ms  
Remote clock offset: 34.602 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 904.14 Mbit/s  
95th percentile per-packet one-way delay: 83.225 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 904.14 Mbit/s  
95th percentile per-packet one-way delay: 83.225 ms  
Loss rate: 0.04%

Run 9: Report of PCC — Data Link

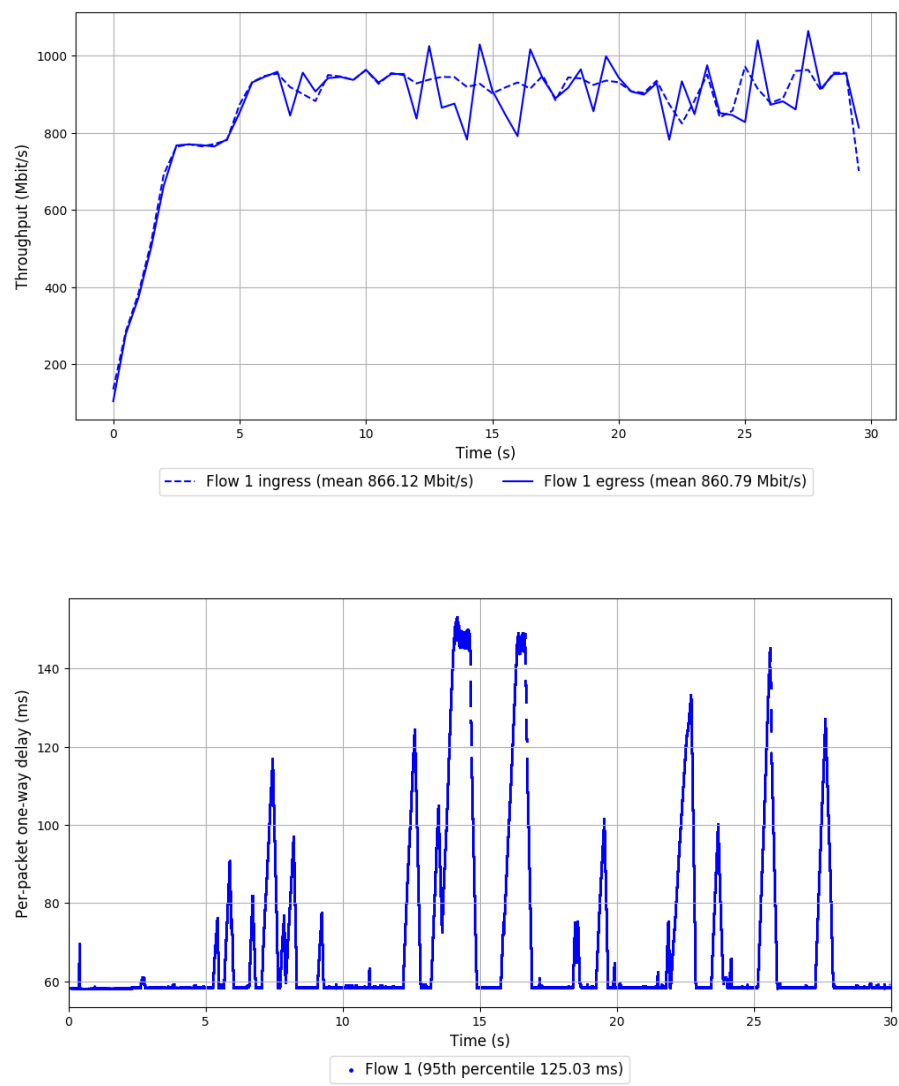


Run 10: Statistics of PCC

Start at: 2017-11-21 05:21:15  
End at: 2017-11-21 05:21:45  
Local clock offset: 0.165 ms  
Remote clock offset: 32.886 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 860.79 Mbit/s  
95th percentile per-packet one-way delay: 125.026 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 860.79 Mbit/s  
95th percentile per-packet one-way delay: 125.026 ms  
Loss rate: 0.61%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-11-21 02:30:35

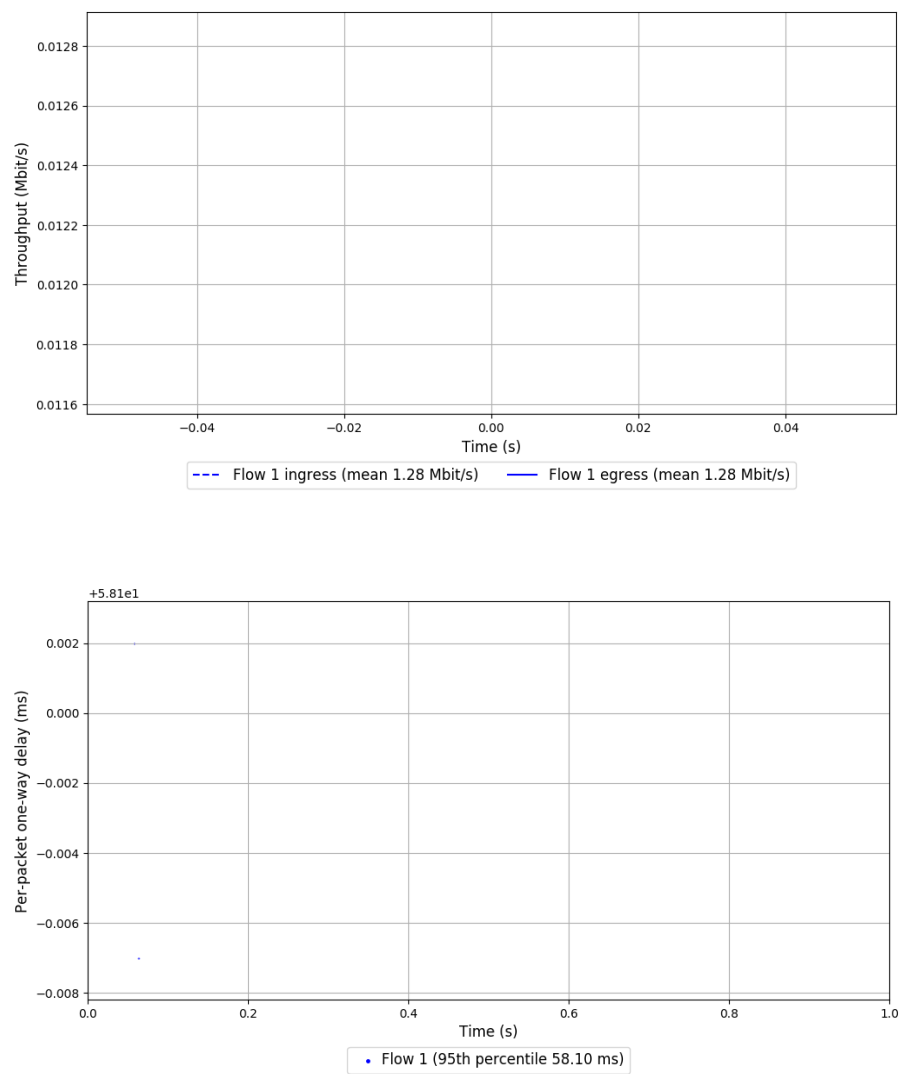
End at: 2017-11-21 02:31:05

Local clock offset: -1.259 ms

Remote clock offset: 45.867 ms



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-11-21 02:48:44

End at: 2017-11-21 02:49:14

Local clock offset: -1.457 ms

Remote clock offset: 45.445 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.90 Mbit/s

95th percentile per-packet one-way delay: 58.222 ms

Loss rate: 0.00%

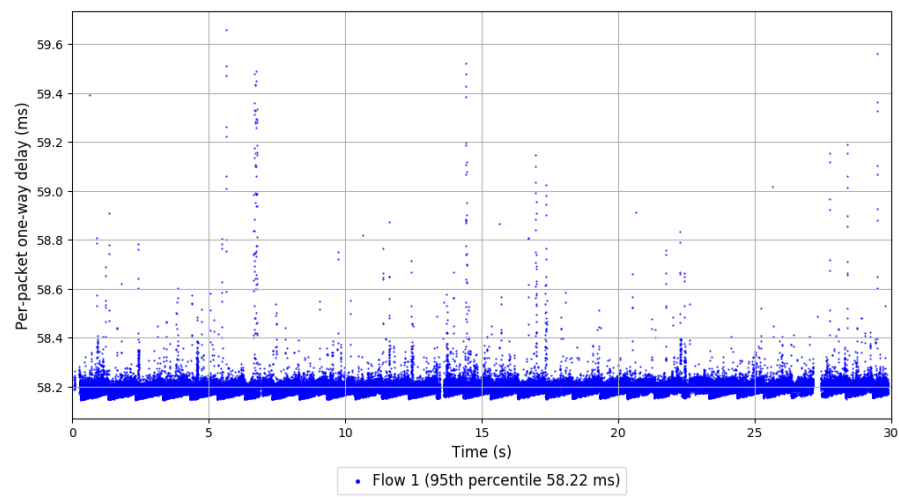
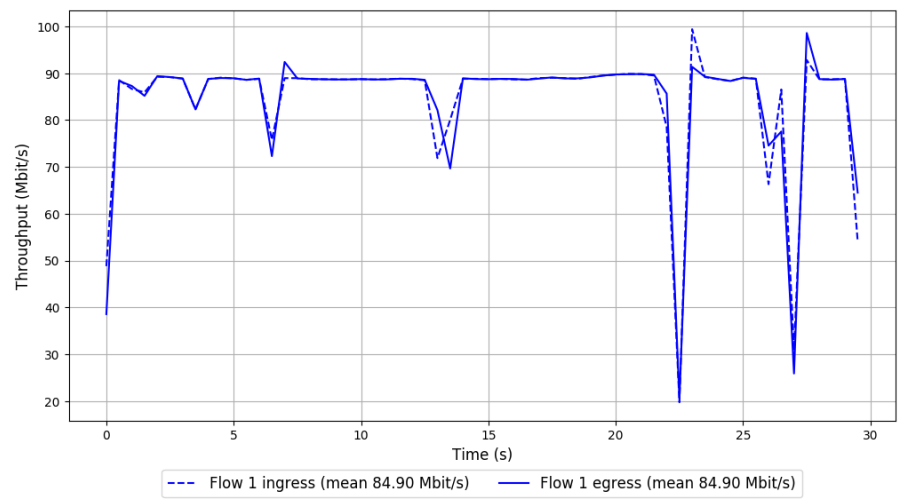
-- Flow 1:

Average throughput: 84.90 Mbit/s

95th percentile per-packet one-way delay: 58.222 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-11-21 03:06:56

End at: 2017-11-21 03:07:26

Local clock offset: -1.534 ms

Remote clock offset: 45.217 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.45 Mbit/s

95th percentile per-packet one-way delay: 58.068 ms

Loss rate: 0.00%

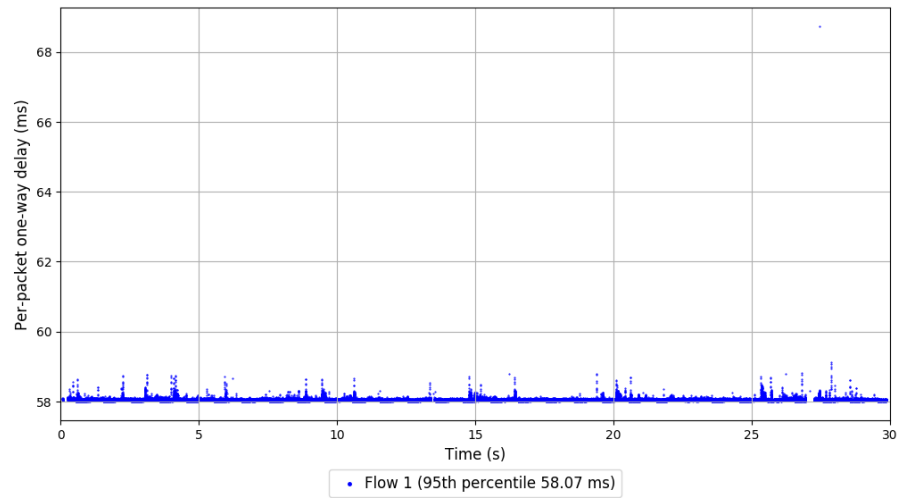
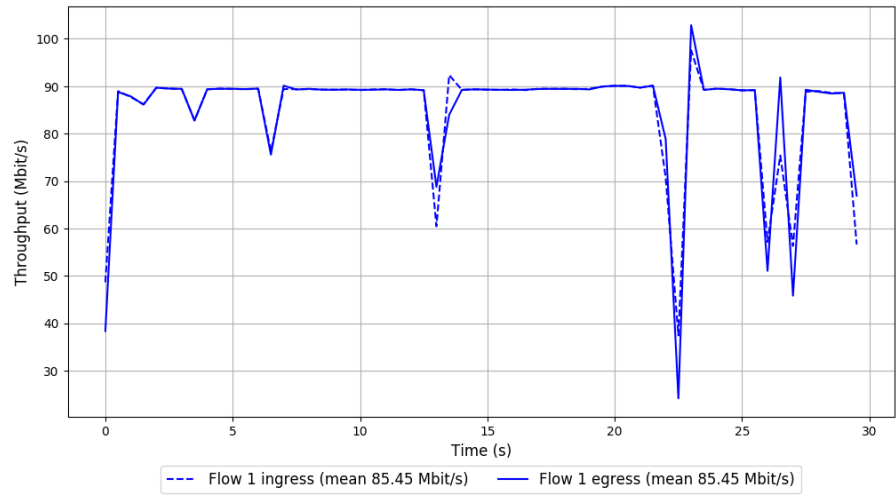
-- Flow 1:

Average throughput: 85.45 Mbit/s

95th percentile per-packet one-way delay: 58.068 ms

Loss rate: 0.00%

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

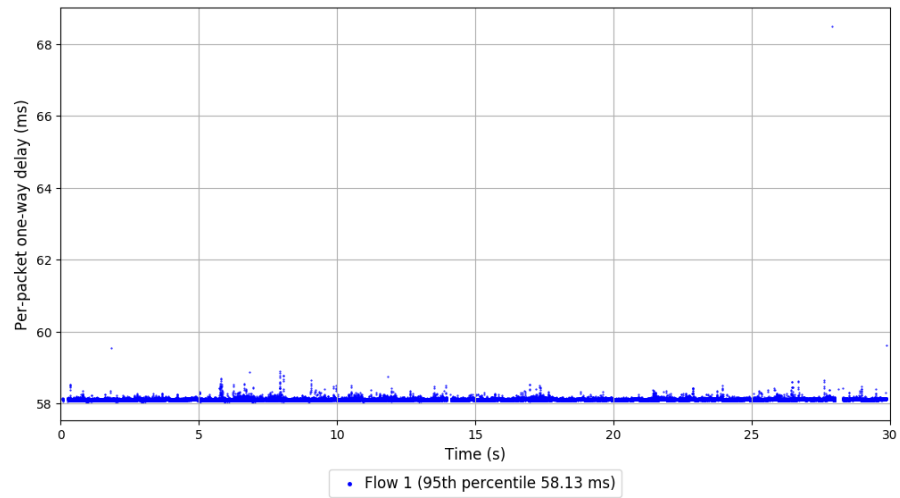
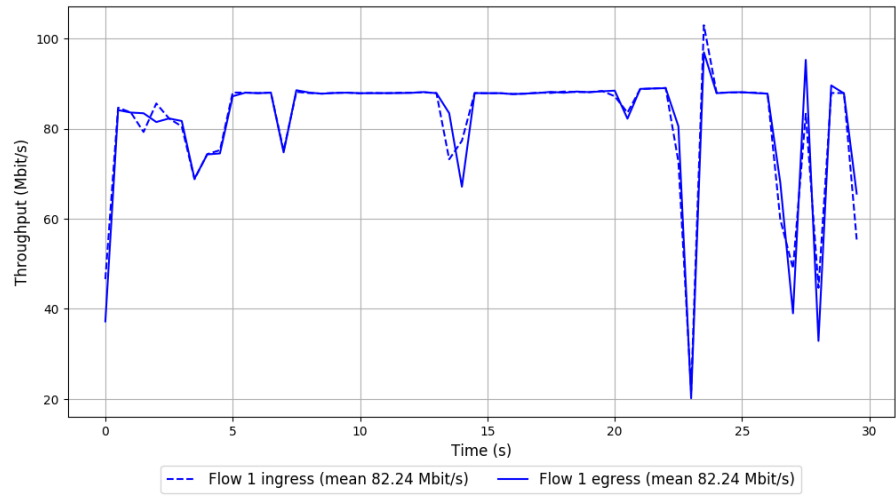


Run 4: Statistics of QUIC Cubic

Start at: 2017-11-21 03:25:10  
End at: 2017-11-21 03:25:40  
Local clock offset: -1.687 ms  
Remote clock offset: 45.126 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 82.24 Mbit/s  
95th percentile per-packet one-way delay: 58.133 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 82.24 Mbit/s  
95th percentile per-packet one-way delay: 58.133 ms  
Loss rate: 0.00%

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



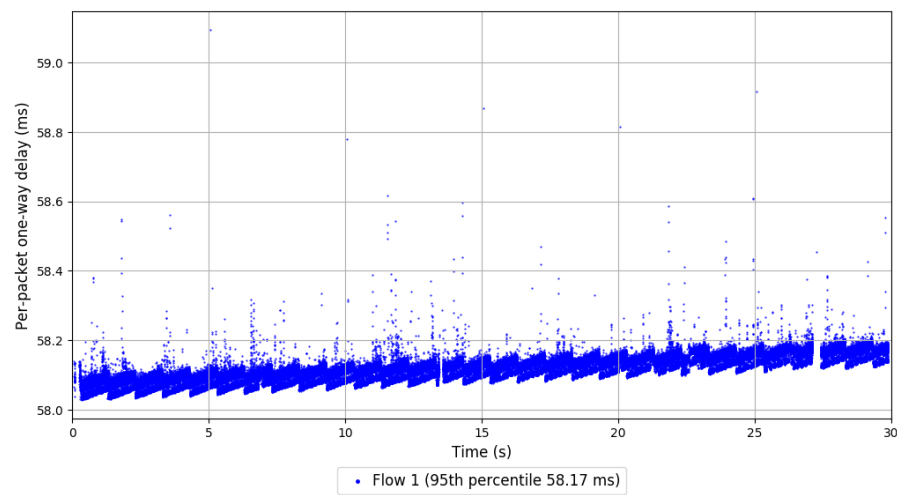
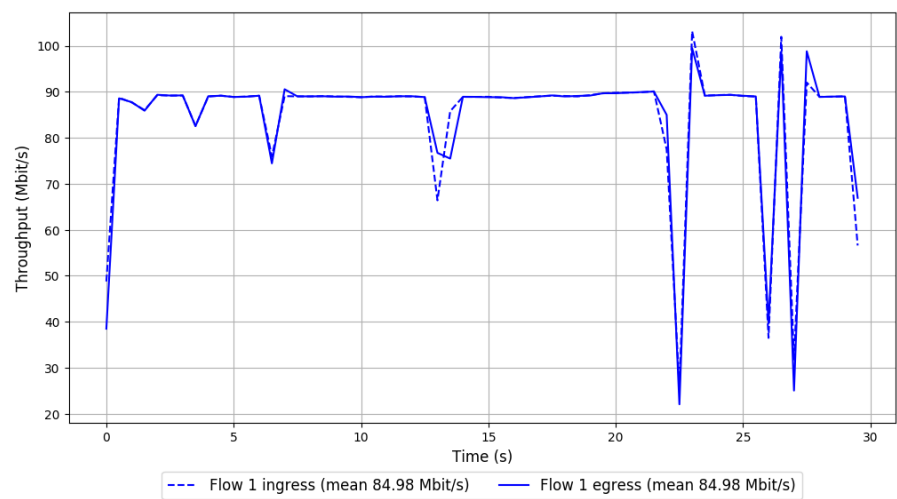
Run 5: Statistics of QUIC Cubic

Start at: 2017-11-21 03:43:19  
End at: 2017-11-21 03:43:49  
Local clock offset: -1.568 ms  
Remote clock offset: 41.689 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.98 Mbit/s  
95th percentile per-packet one-way delay: 58.172 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 84.98 Mbit/s  
95th percentile per-packet one-way delay: 58.172 ms  
Loss rate: 0.00%



Run 5: Report of QUIC Cubic — Data Link

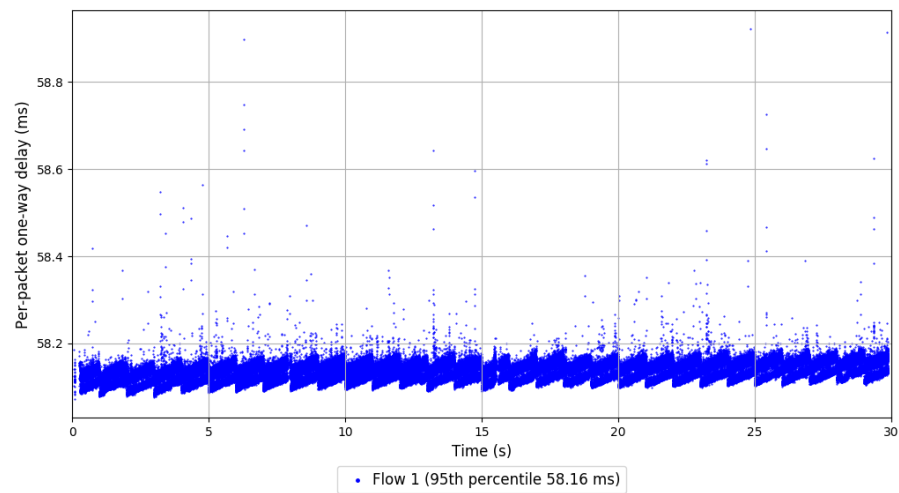
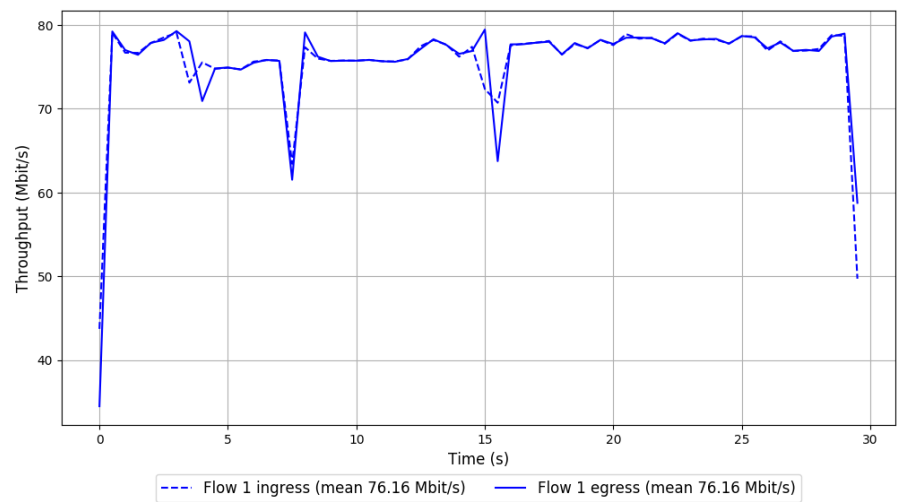


Run 6: Statistics of QUIC Cubic

Start at: 2017-11-21 04:01:28  
End at: 2017-11-21 04:01:58  
Local clock offset: -1.436 ms  
Remote clock offset: 40.775 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.16 Mbit/s  
95th percentile per-packet one-way delay: 58.165 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 76.16 Mbit/s  
95th percentile per-packet one-way delay: 58.165 ms  
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-11-21 04:19:26

End at: 2017-11-21 04:19:56

Local clock offset: -1.1 ms

Remote clock offset: 39.864 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.86 Mbit/s

95th percentile per-packet one-way delay: 58.132 ms

Loss rate: 0.00%

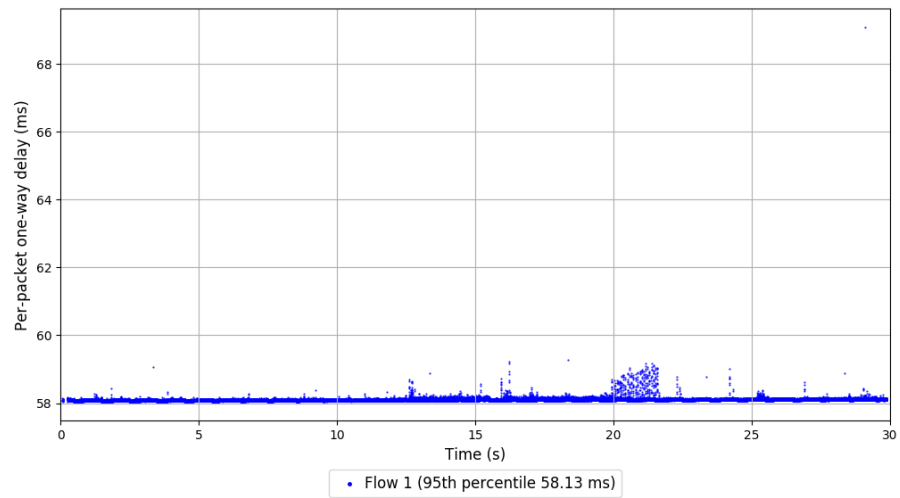
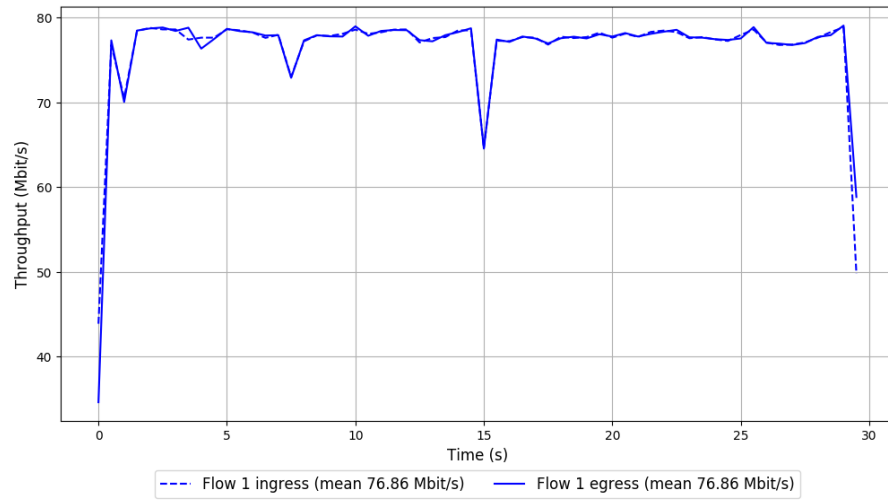
-- Flow 1:

Average throughput: 76.86 Mbit/s

95th percentile per-packet one-way delay: 58.132 ms

Loss rate: 0.00%

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



Run 8: Statistics of QUIC Cubic

Start at: 2017-11-21 04:37:24

End at: 2017-11-21 04:37:54

Local clock offset: -0.764 ms

Remote clock offset: 36.009 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.68 Mbit/s

95th percentile per-packet one-way delay: 58.253 ms

Loss rate: 0.00%

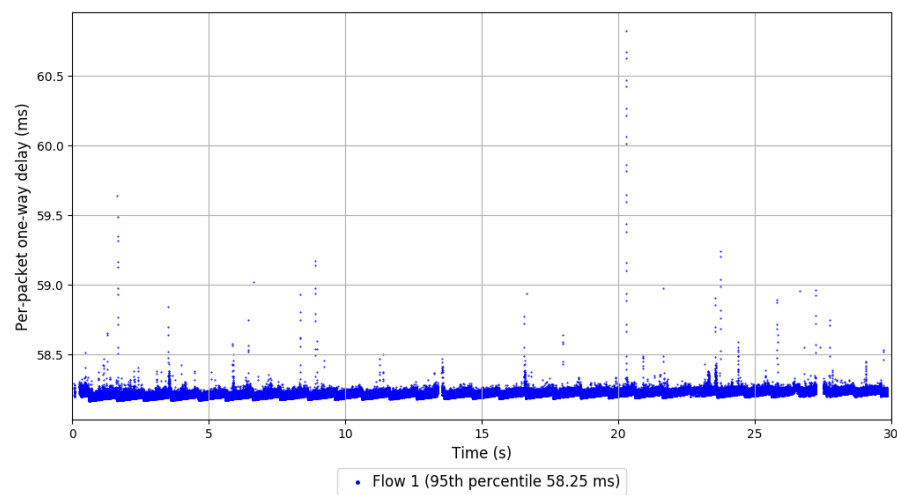
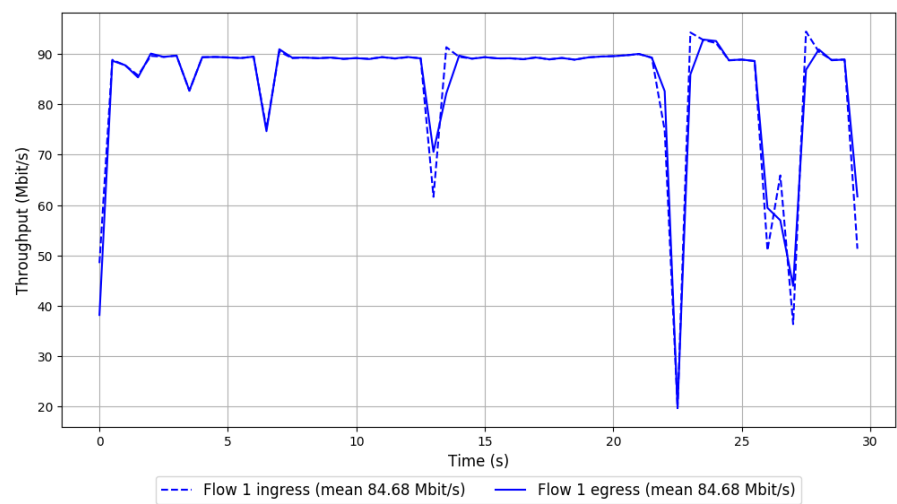
-- Flow 1:

Average throughput: 84.68 Mbit/s

95th percentile per-packet one-way delay: 58.253 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-11-21 04:55:34

End at: 2017-11-21 04:56:04

Local clock offset: -0.216 ms

Remote clock offset: 35.061 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.72 Mbit/s

95th percentile per-packet one-way delay: 58.087 ms

Loss rate: 0.00%

-- Flow 1:

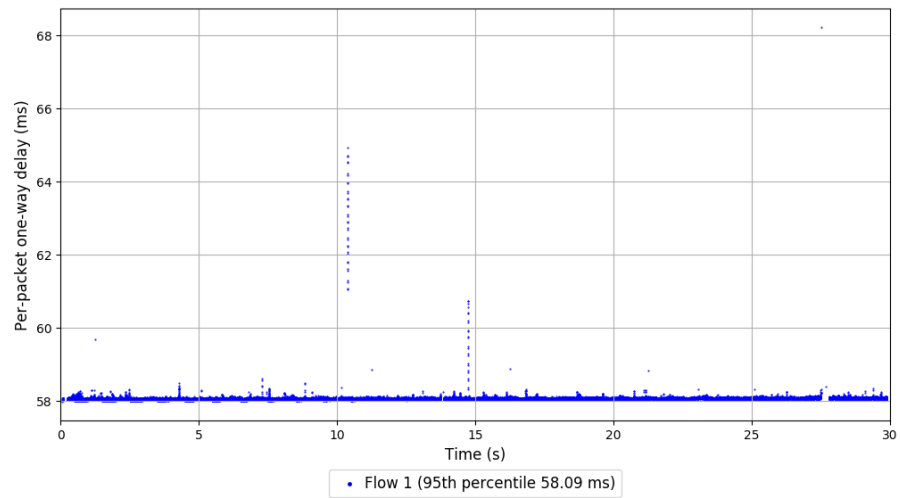
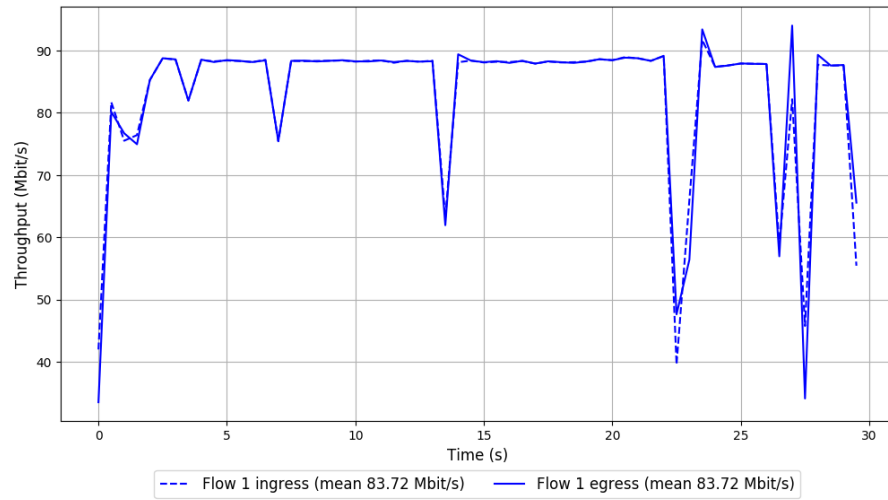
Average throughput: 83.72 Mbit/s

95th percentile per-packet one-way delay: 58.087 ms

Loss rate: 0.00%



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



Run 10: Statistics of QUIC Cubic

Start at: 2017-11-21 05:13:45

End at: 2017-11-21 05:14:15

Local clock offset: 0.0 ms

Remote clock offset: 33.769 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 58.232 ms

Loss rate: 0.00%

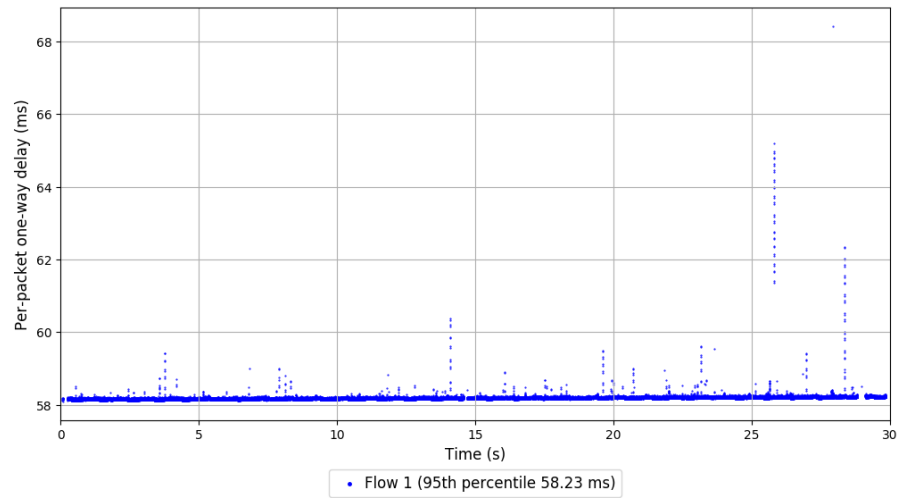
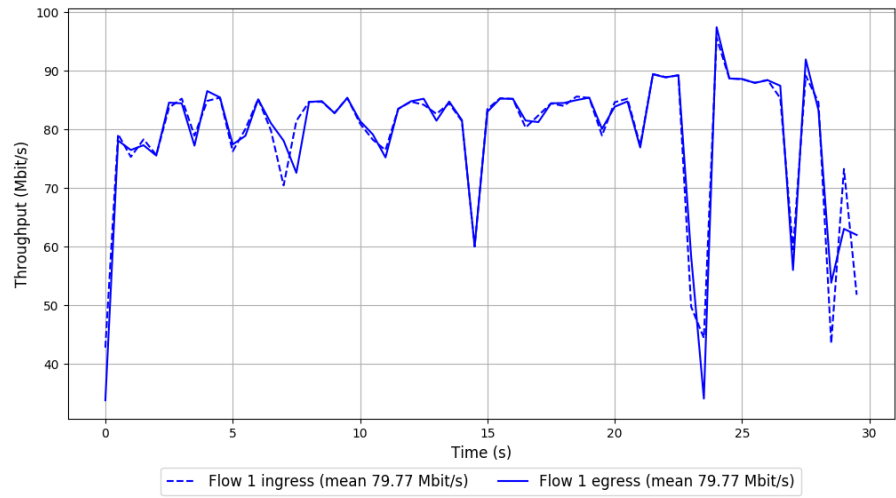
-- Flow 1:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 58.232 ms

Loss rate: 0.00%

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

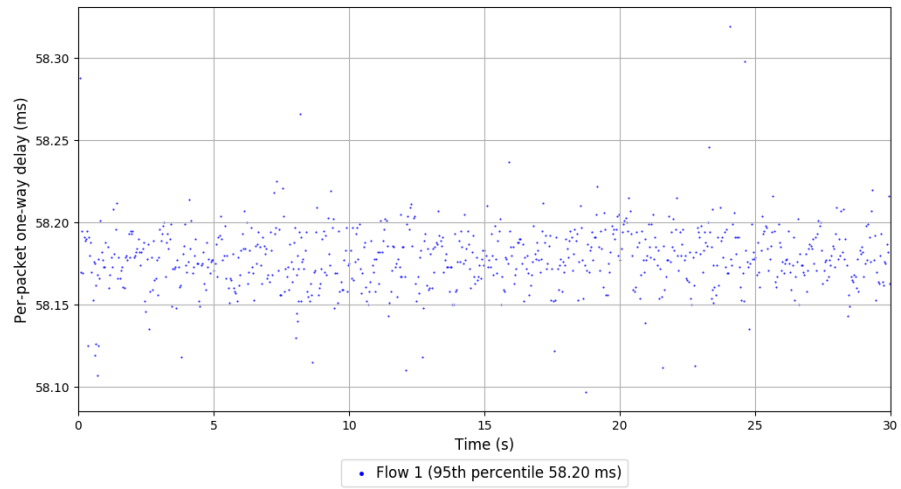
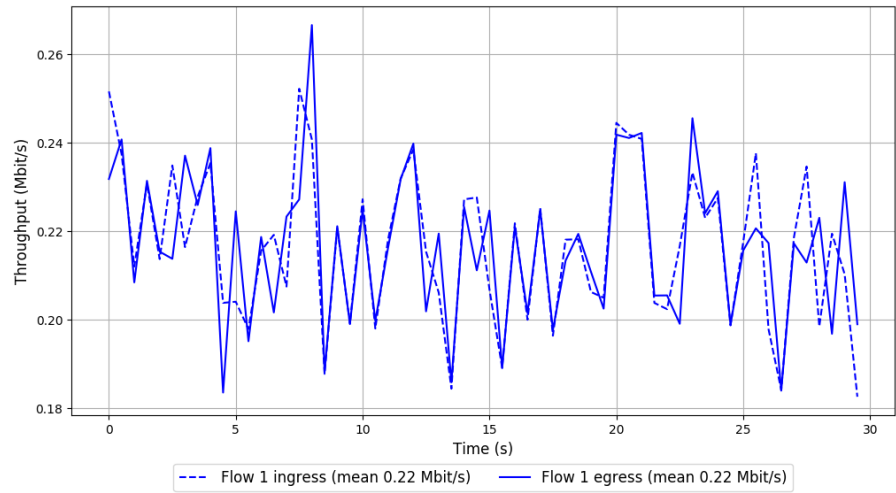


```
Run 1: Statistics of SCReAM

Start at: 2017-11-21 02:42:39
End at: 2017-11-21 02:43:09
Local clock offset: -1.337 ms
Remote clock offset: 45.57 ms

# Below is generated by plot.py at 2017-11-21 08:00:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.205 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.205 ms
Loss rate: 0.00%
```

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

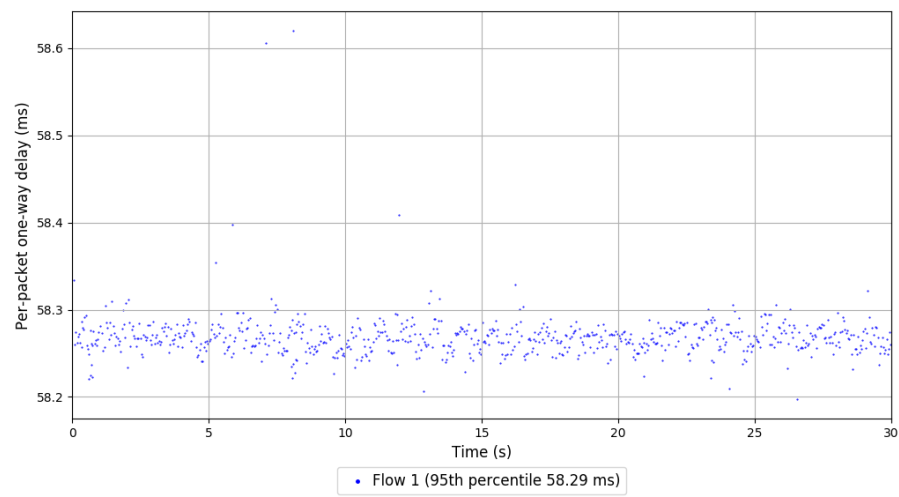
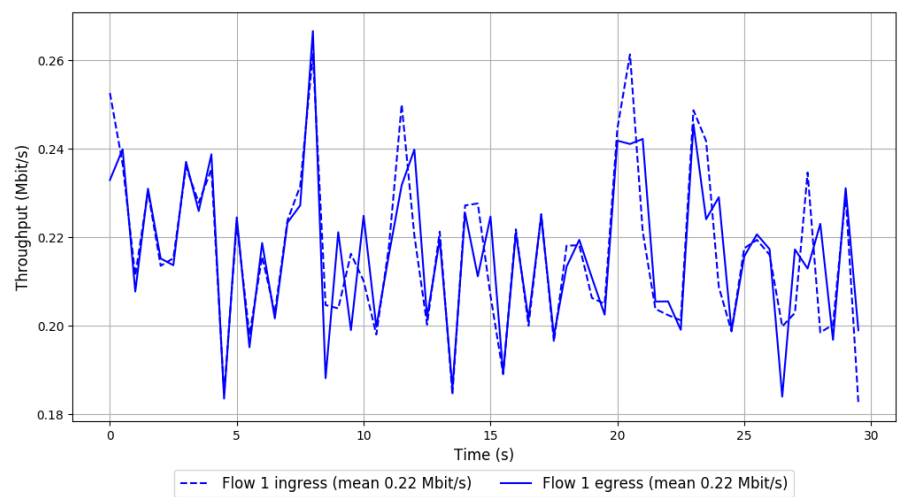


Run 2: Statistics of SCReAM

Start at: 2017-11-21 03:00:52  
End at: 2017-11-21 03:01:22  
Local clock offset: -1.55 ms  
Remote clock offset: 45.333 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.294 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.294 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



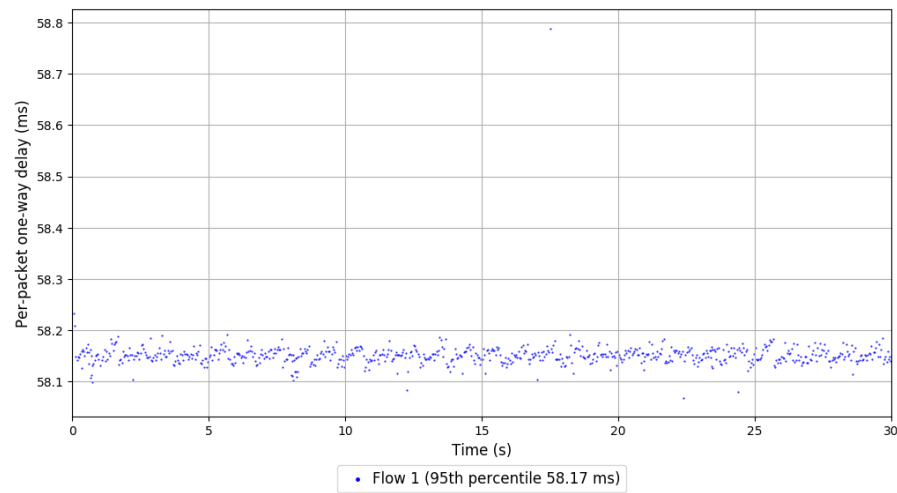
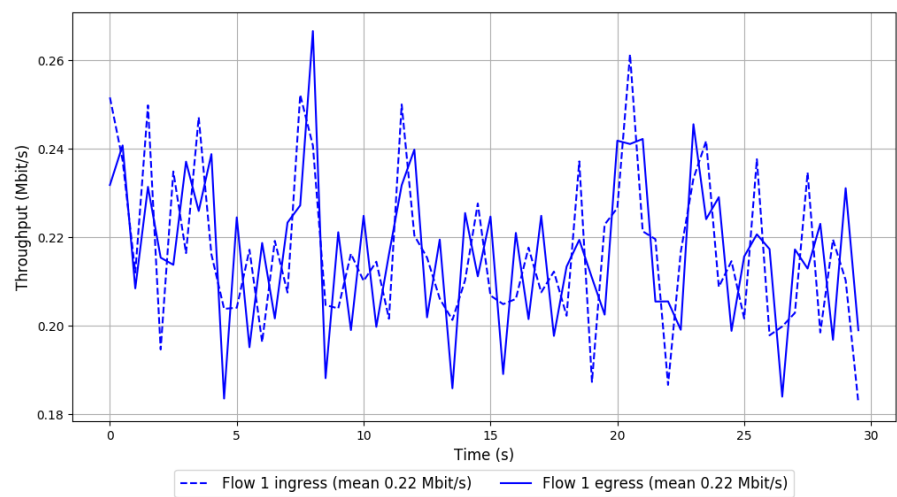
Run 3: Statistics of SCReAM

Start at: 2017-11-21 03:19:15  
End at: 2017-11-21 03:19:45  
Local clock offset: -1.69 ms  
Remote clock offset: 45.177 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.174 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.174 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

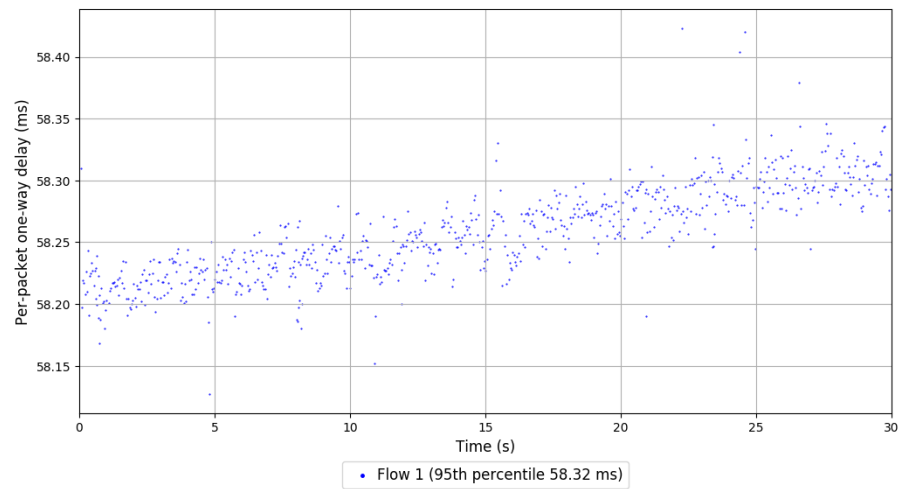
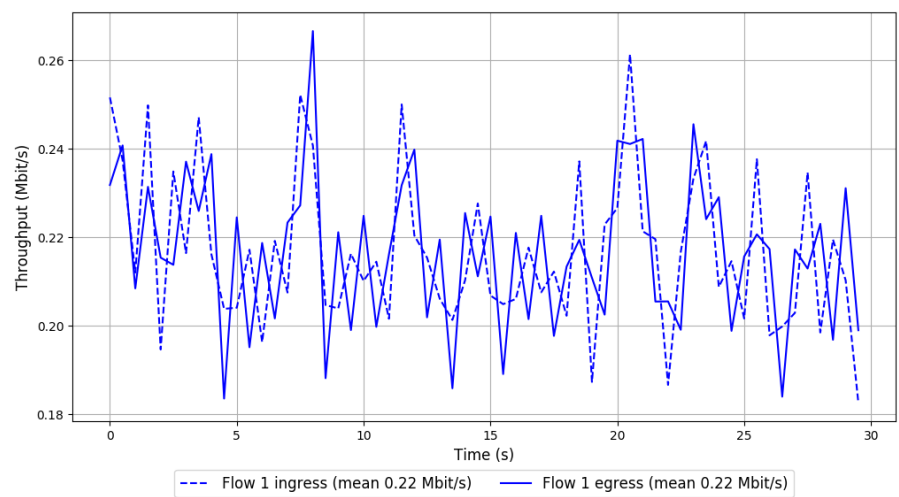


Run 4: Statistics of SReAM

Start at: 2017-11-21 03:37:21  
End at: 2017-11-21 03:37:51  
Local clock offset: -1.598 ms  
Remote clock offset: 42.919 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.316 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.316 ms  
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

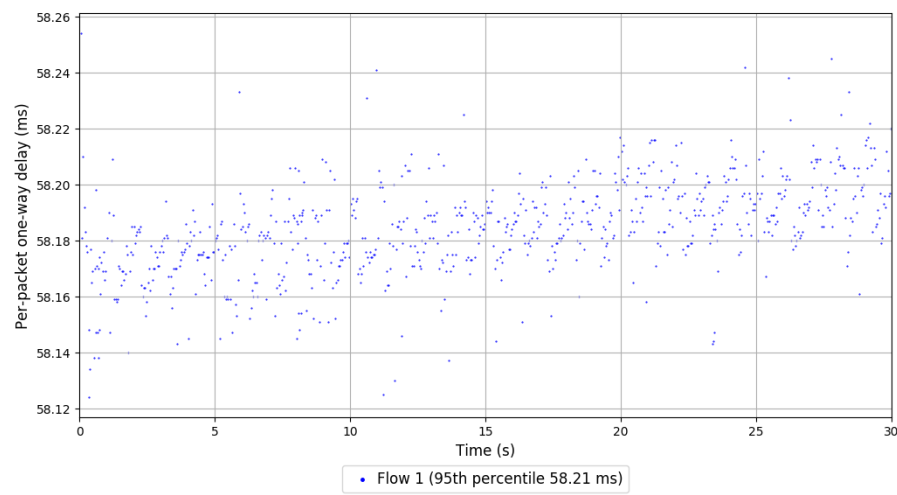
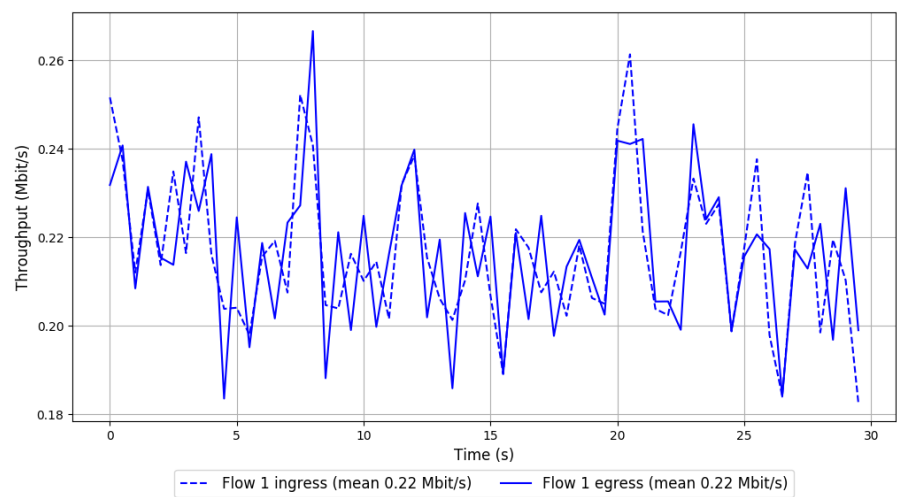


Run 5: Statistics of SCReAM

Start at: 2017-11-21 03:55:33  
End at: 2017-11-21 03:56:03  
Local clock offset: -1.542 ms  
Remote clock offset: 41.043 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.209 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.209 ms  
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-11-21 04:13:31

End at: 2017-11-21 04:14:01

Local clock offset: -1.213 ms

Remote clock offset: 40.2 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.223 ms

Loss rate: 0.00%

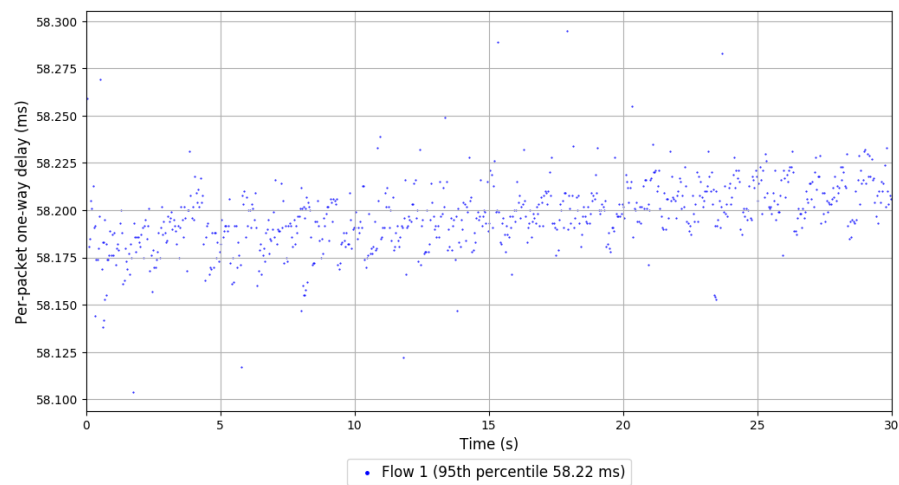
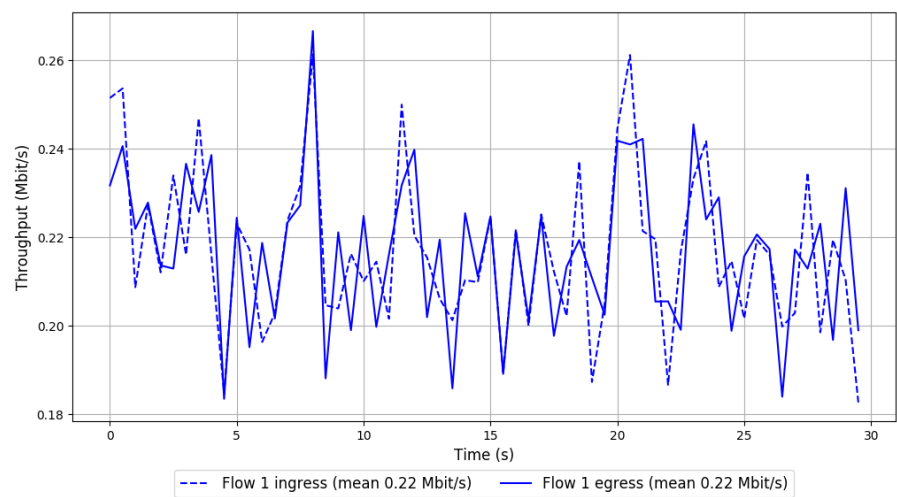
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 58.223 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



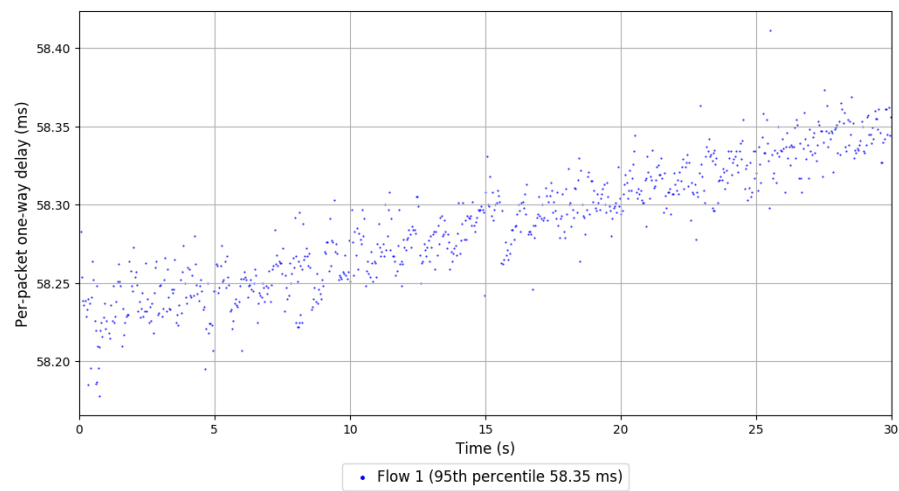
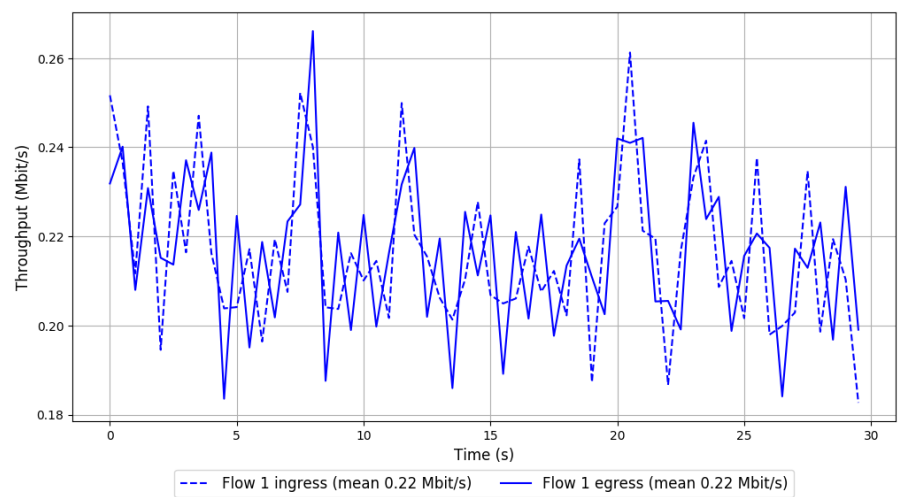
Run 7: Statistics of SCReAM

Start at: 2017-11-21 04:31:27  
End at: 2017-11-21 04:31:57  
Local clock offset: -0.918 ms  
Remote clock offset: 37.294 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.348 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.348 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

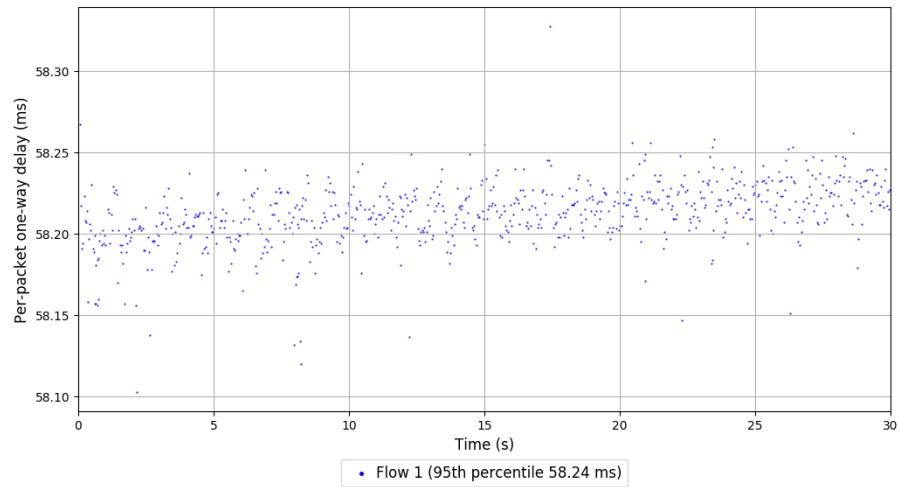
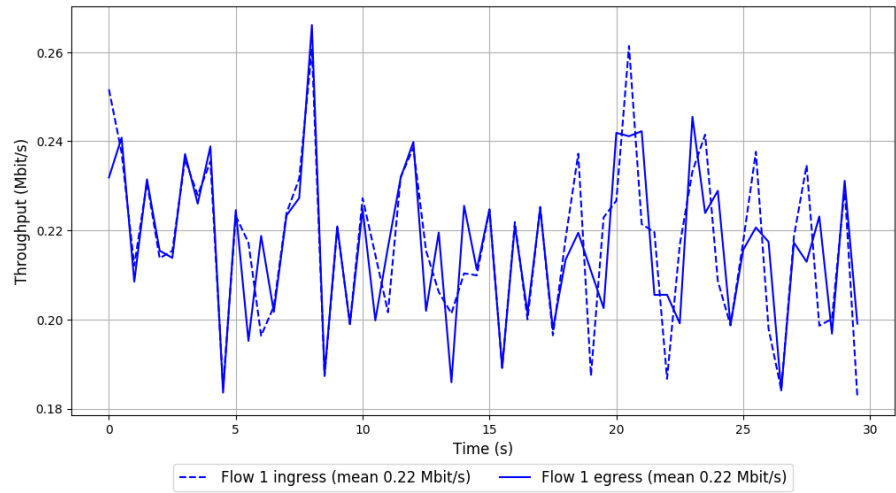


Run 8: Statistics of SCReAM

Start at: 2017-11-21 04:49:30  
End at: 2017-11-21 04:50:00  
Local clock offset: -0.367 ms  
Remote clock offset: 35.453 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.239 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.239 ms  
Loss rate: 0.00%

## Run 8: Report of SReAM — Data Link

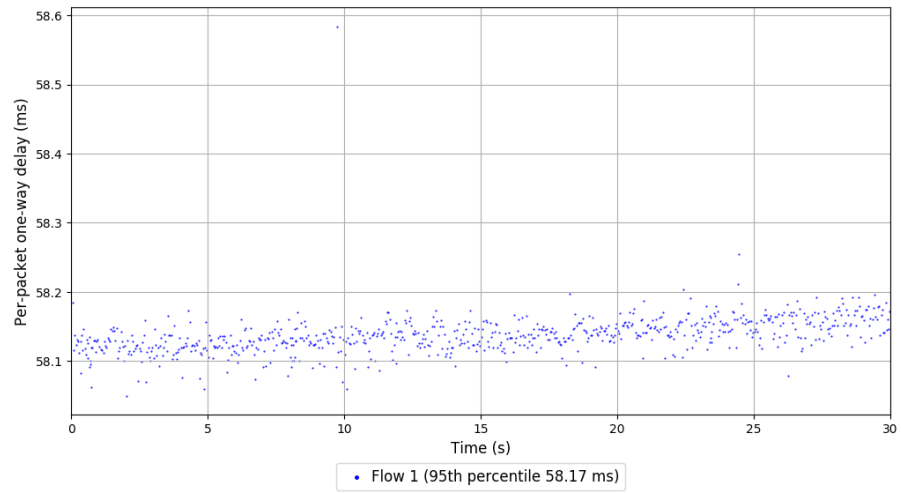
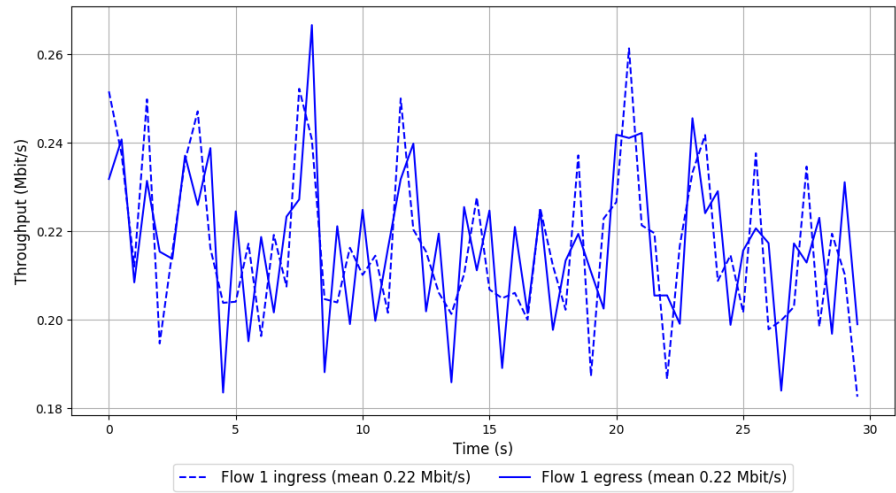


Run 9: Statistics of SCReAM

Start at: 2017-11-21 05:07:47  
End at: 2017-11-21 05:08:17  
Local clock offset: -0.003 ms  
Remote clock offset: 34.276 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.173 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.173 ms  
Loss rate: 0.00%

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

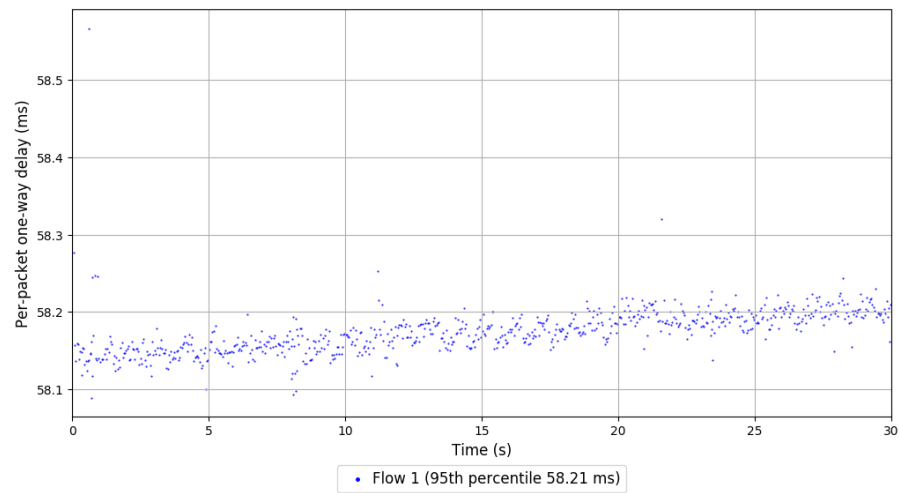
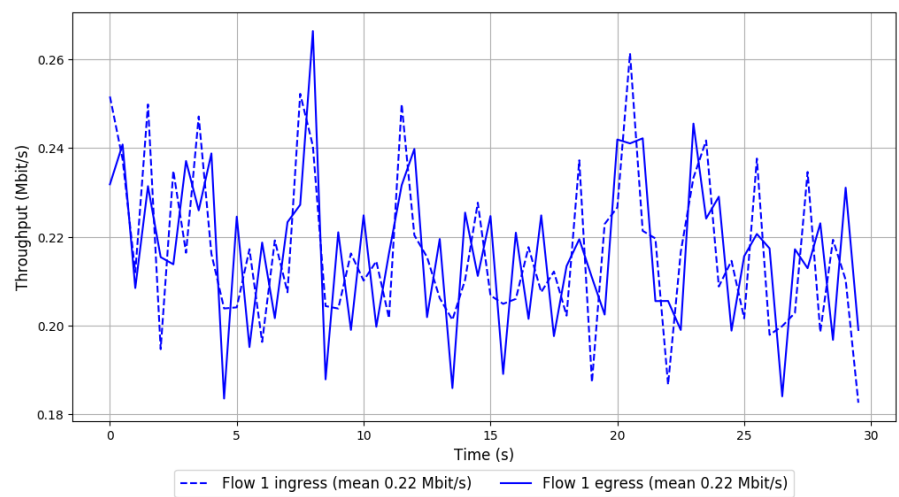


Run 10: Statistics of SCReAM

Start at: 2017-11-21 05:25:59  
End at: 2017-11-21 05:26:29  
Local clock offset: 0.264 ms  
Remote clock offset: 32.213 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.213 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 58.213 ms  
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



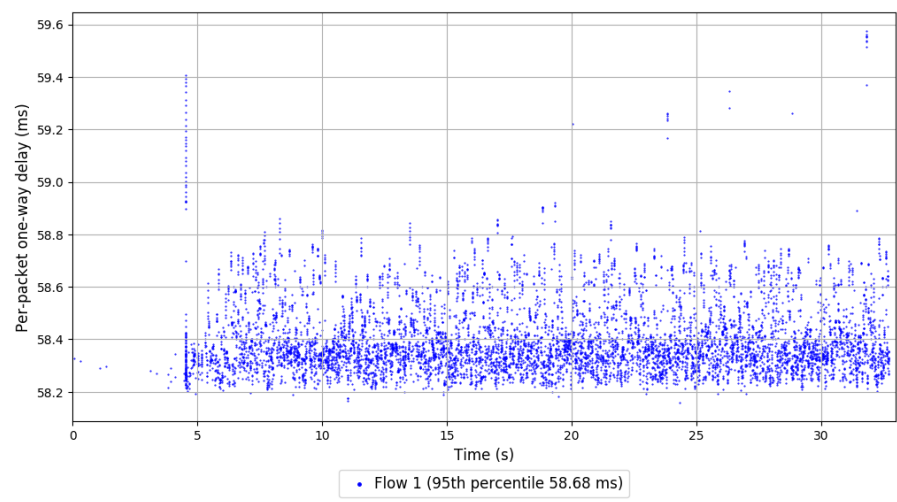
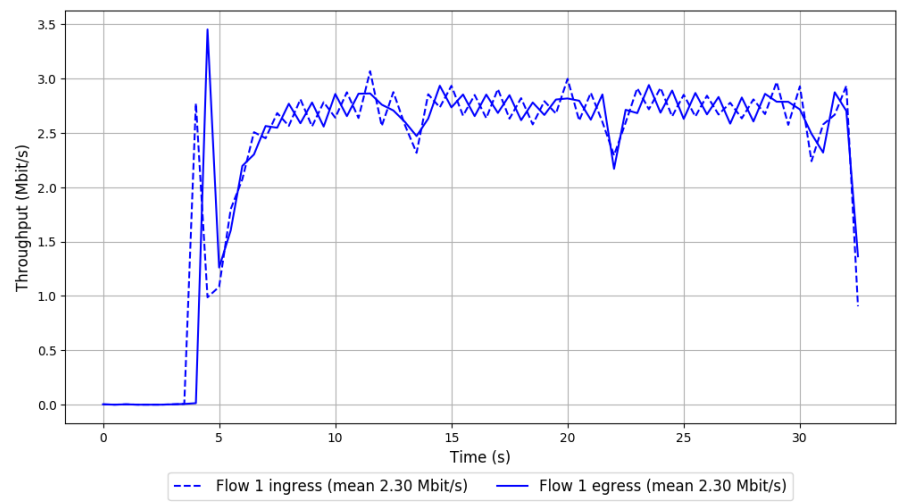
Run 1: Statistics of WebRTC media

Start at: 2017-11-21 02:37:00  
End at: 2017-11-21 02:37:30  
Local clock offset: -1.364 ms  
Remote clock offset: 45.783 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.676 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.676 ms  
Loss rate: 0.00%



Run 1: Report of WebRTC media — Data Link

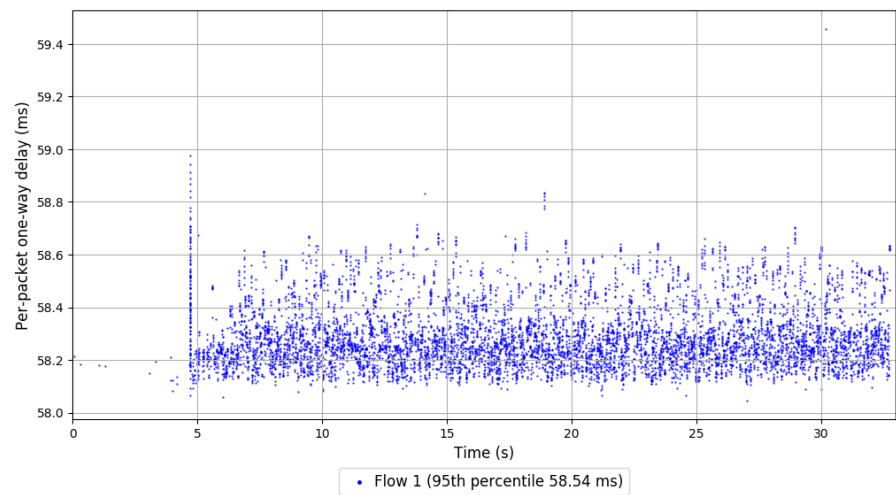
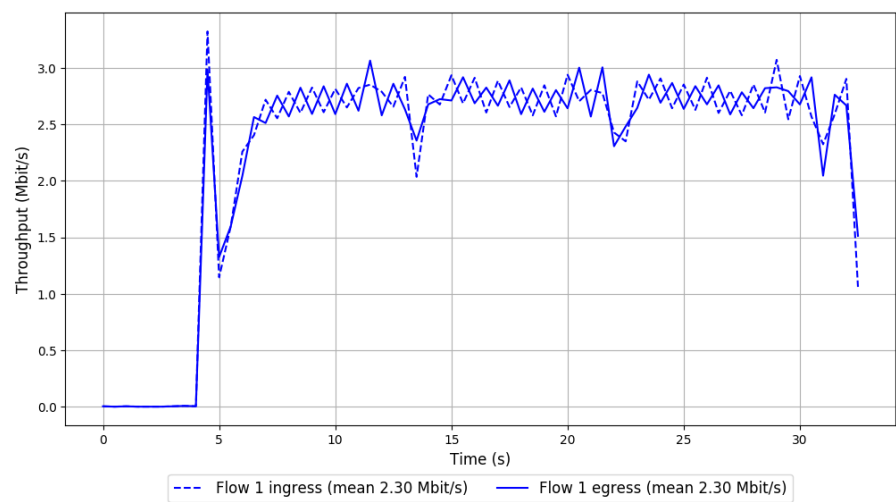


Run 2: Statistics of WebRTC media

Start at: 2017-11-21 02:55:11  
End at: 2017-11-21 02:55:41  
Local clock offset: -1.507 ms  
Remote clock offset: 45.285 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.540 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.540 ms  
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

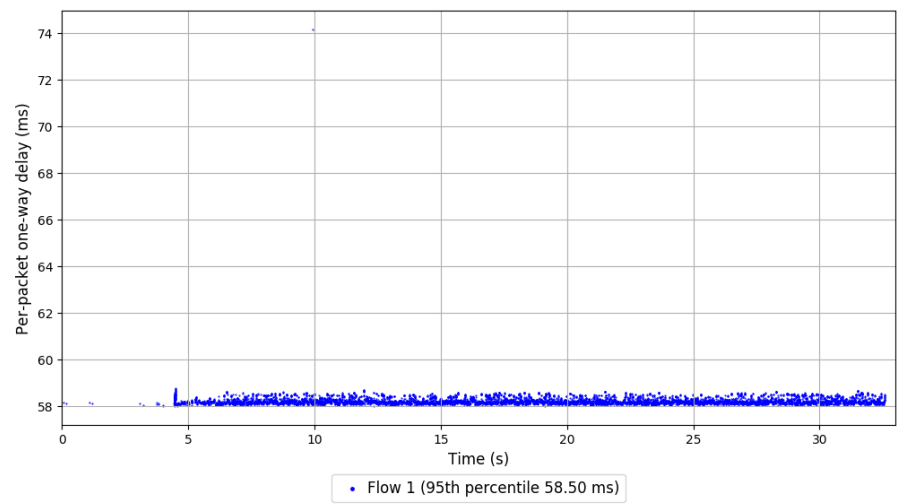
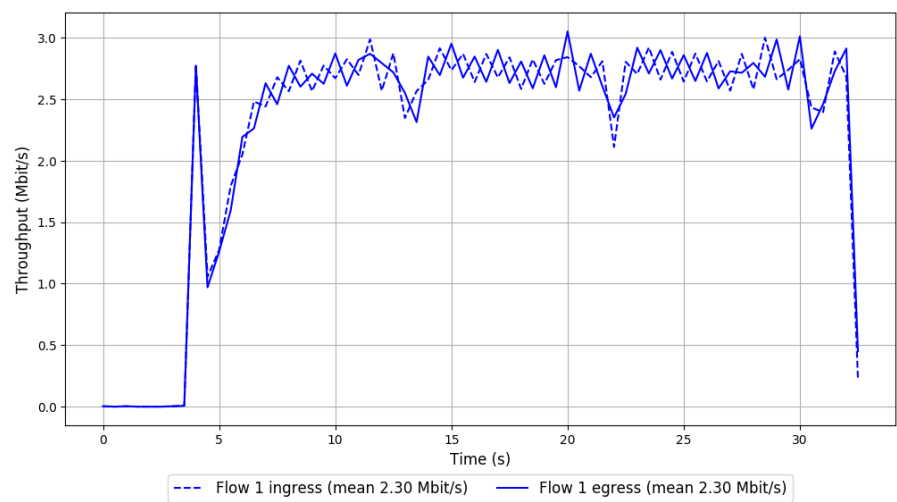


Run 3: Statistics of WebRTC media

Start at: 2017-11-21 03:13:32  
End at: 2017-11-21 03:14:02  
Local clock offset: -1.606 ms  
Remote clock offset: 45.214 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.496 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.496 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

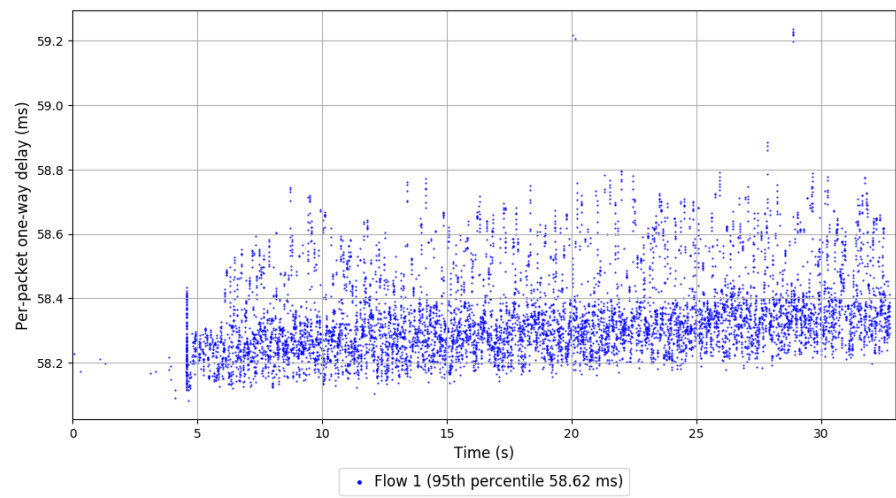
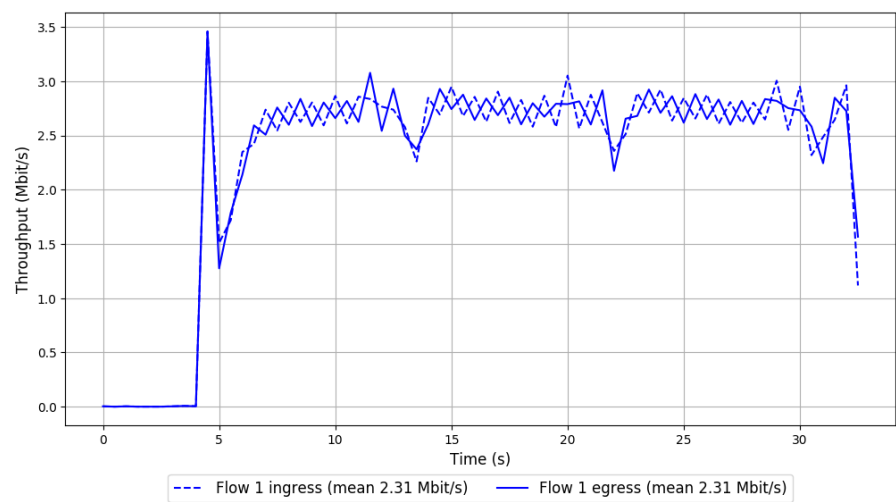


Run 4: Statistics of WebRTC media

Start at: 2017-11-21 03:31:40  
End at: 2017-11-21 03:32:10  
Local clock offset: -1.643 ms  
Remote clock offset: 44.063 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 58.617 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 58.617 ms  
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



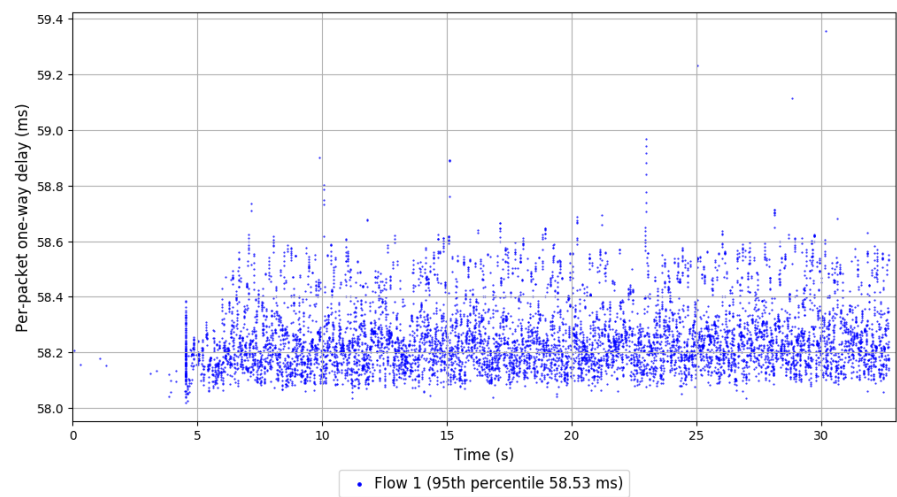
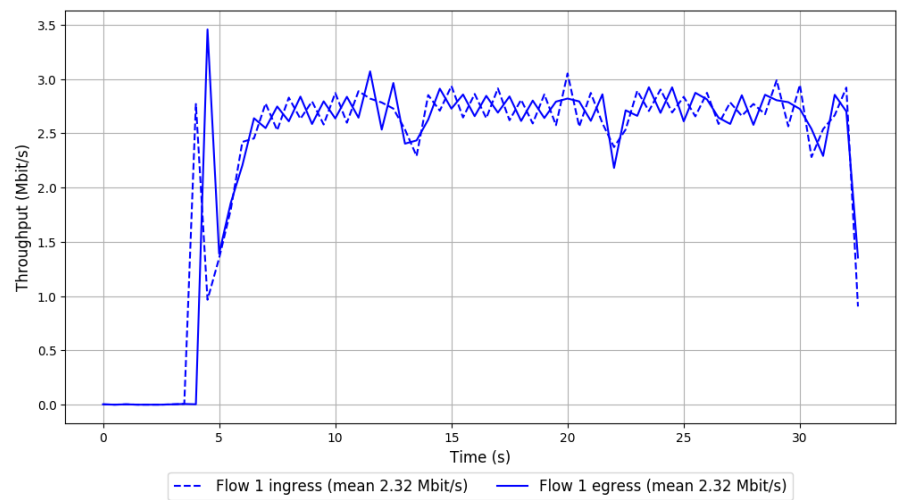
Run 5: Statistics of WebRTC media

Start at: 2017-11-21 03:49:47  
End at: 2017-11-21 03:50:17  
Local clock offset: -1.596 ms  
Remote clock offset: 41.207 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: 58.528 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: 58.528 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link

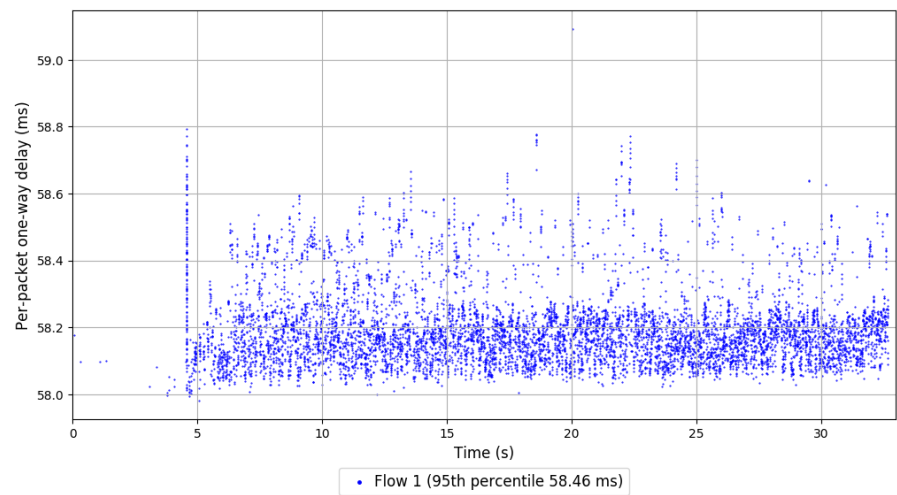
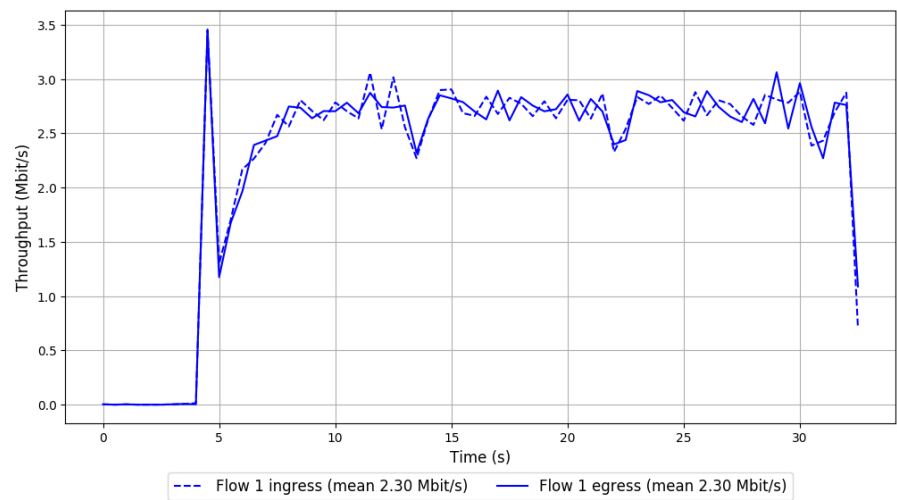


Run 6: Statistics of WebRTC media

Start at: 2017-11-21 04:07:52  
End at: 2017-11-21 04:08:22  
Local clock offset: -1.304 ms  
Remote clock offset: 40.416 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.463 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 58.463 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

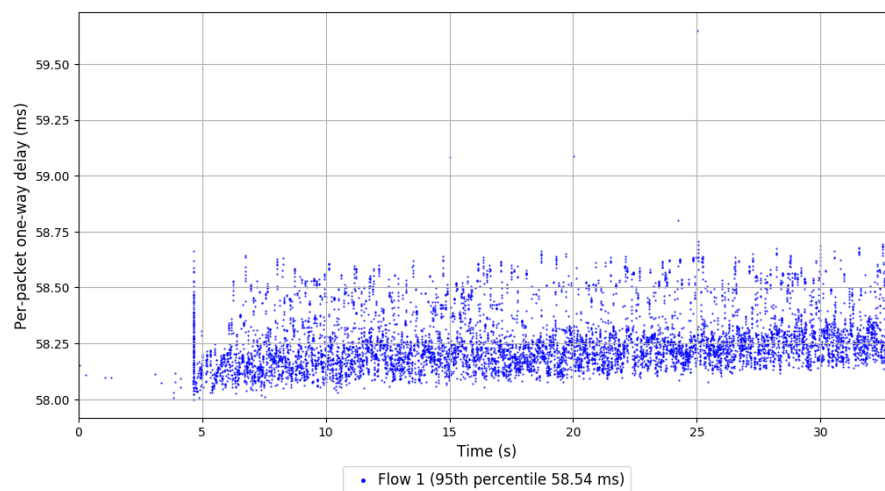
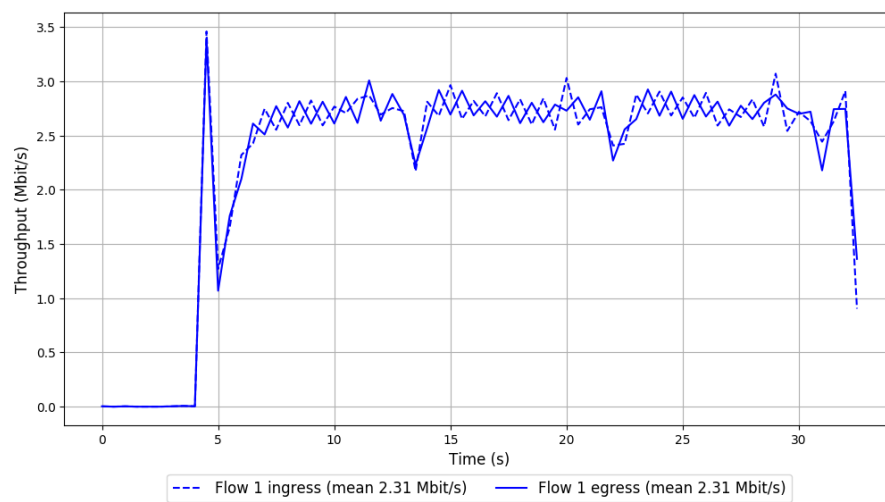


Run 7: Statistics of WebRTC media

Start at: 2017-11-21 04:25:58  
End at: 2017-11-21 04:26:28  
Local clock offset: -1.028 ms  
Remote clock offset: 38.409 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 58.539 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 58.539 ms  
Loss rate: 0.00%

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



Run 8: Statistics of WebRTC media

Start at: 2017-11-21 04:43:56

End at: 2017-11-21 04:44:26

Local clock offset: -0.565 ms

Remote clock offset: 35.71 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 58.614 ms

Loss rate: 0.00%

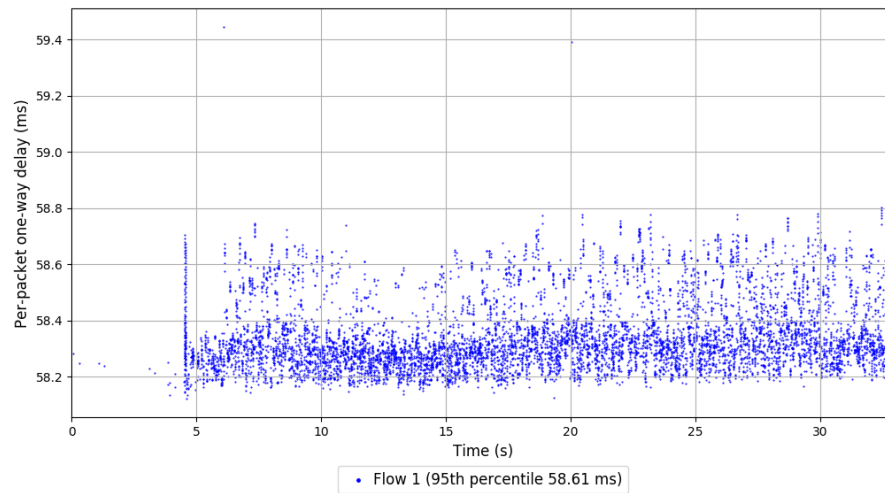
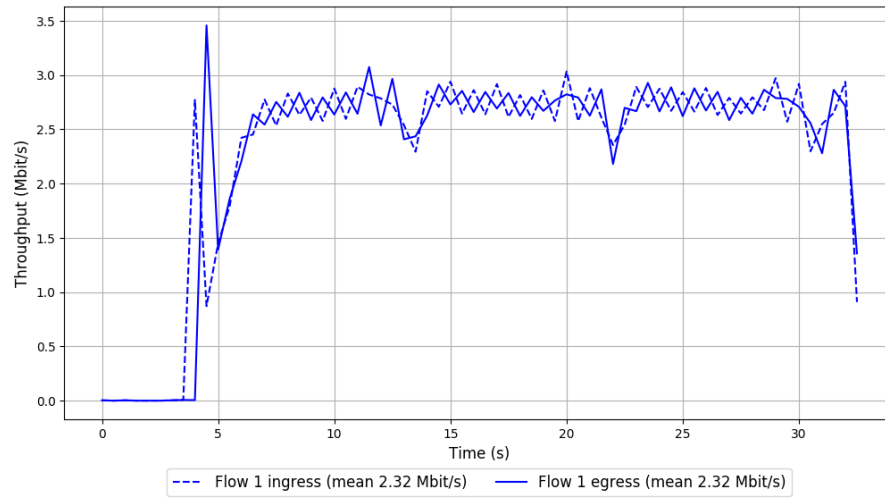
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 58.614 ms

Loss rate: 0.00%

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



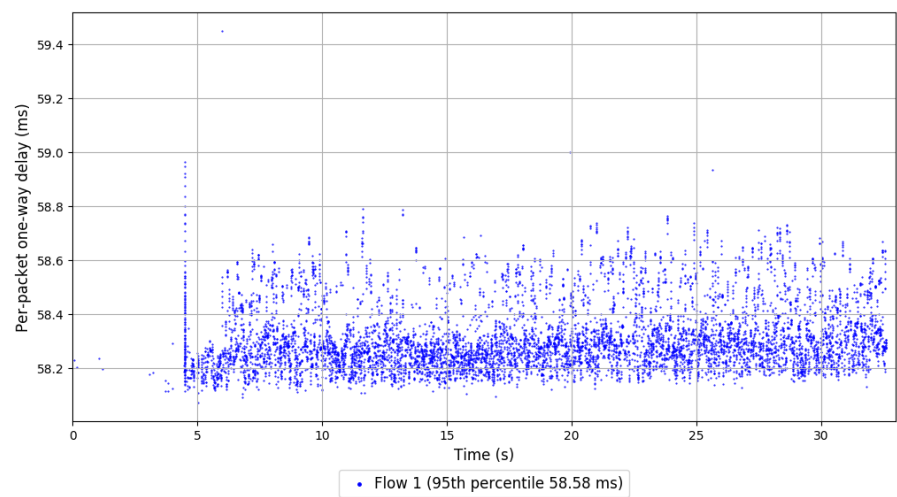
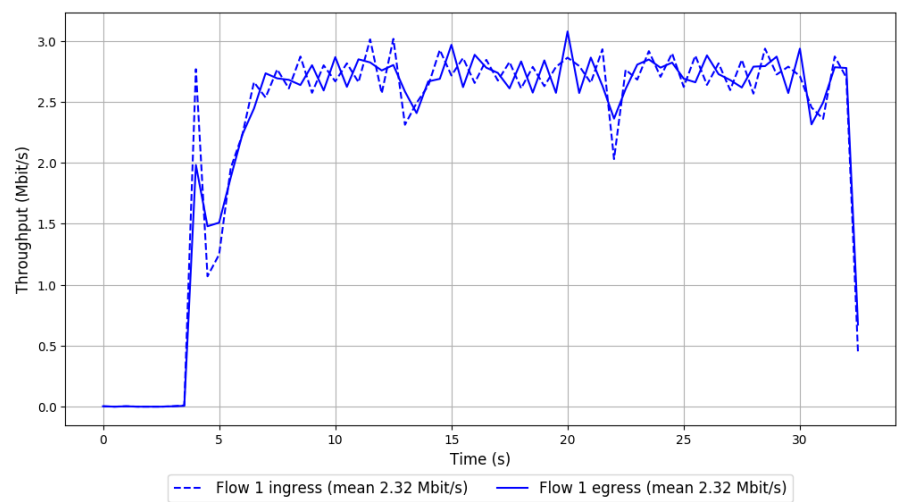
Run 9: Statistics of WebRTC media

Start at: 2017-11-21 05:01:57  
End at: 2017-11-21 05:02:27  
Local clock offset: -0.122 ms  
Remote clock offset: 34.747 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: 58.580 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: 58.580 ms  
Loss rate: 0.00%



Run 9: Report of WebRTC media — Data Link

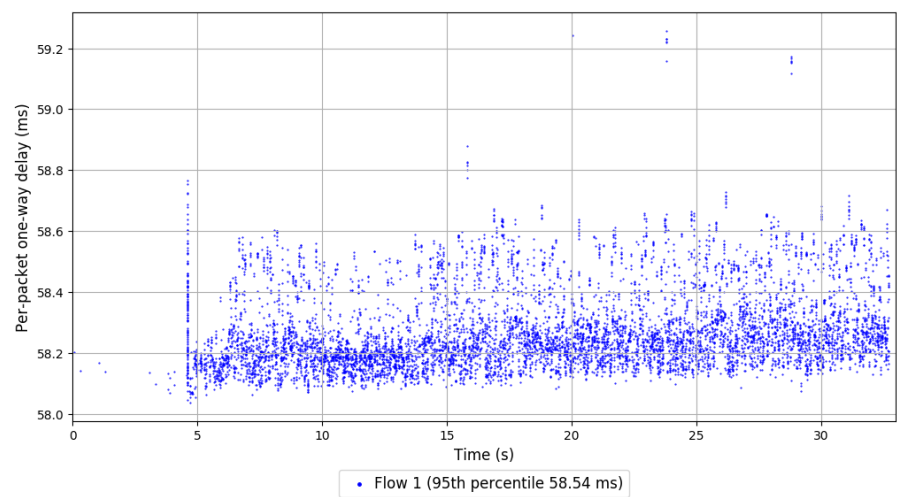
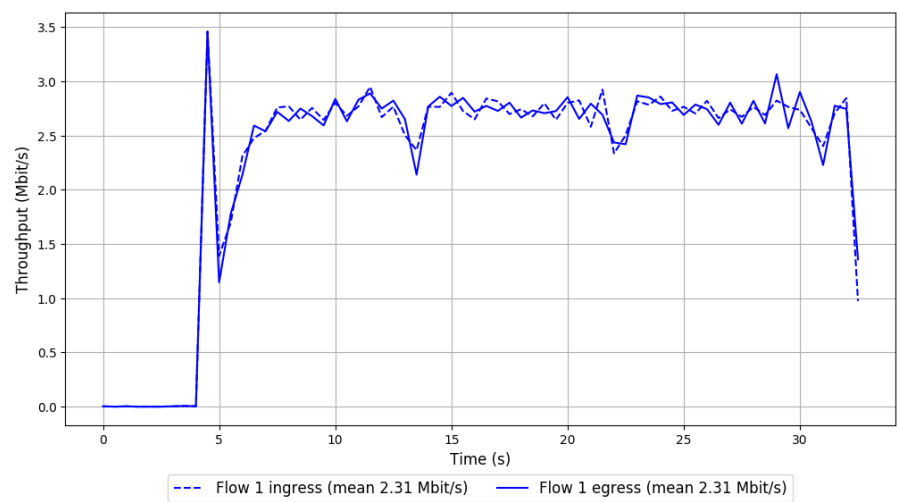


Run 10: Statistics of WebRTC media

Start at: 2017-11-21 05:20:11  
End at: 2017-11-21 05:20:41  
Local clock offset: 0.198 ms  
Remote clock offset: 32.962 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 58.539 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 58.539 ms  
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

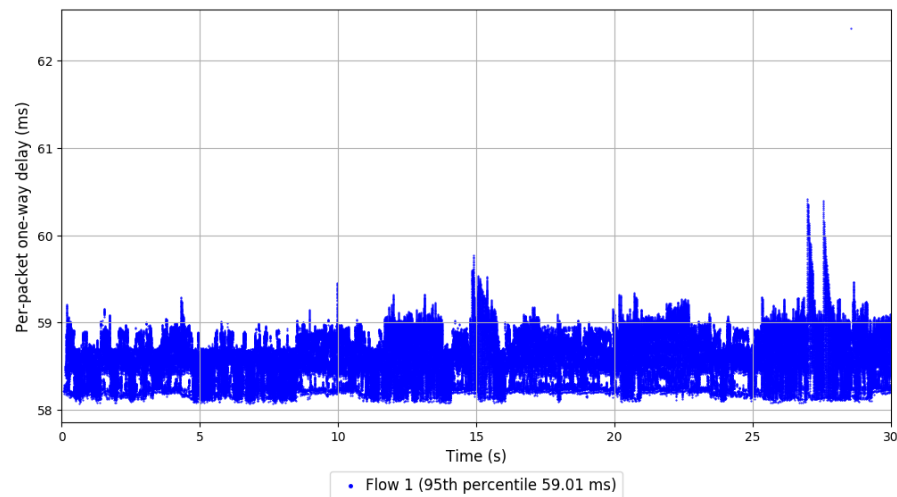
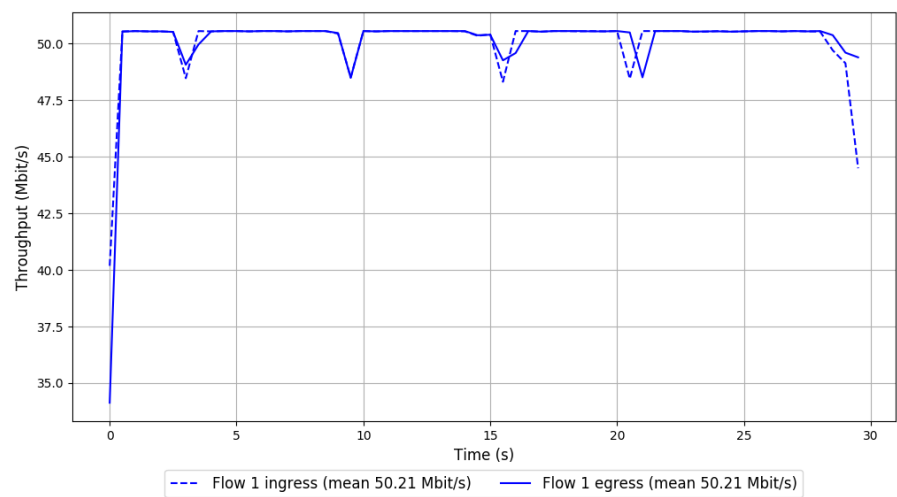


Run 1: Statistics of Sprout

Start at: 2017-11-21 02:28:15  
End at: 2017-11-21 02:28:45  
Local clock offset: -1.307 ms  
Remote clock offset: 45.905 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 59.007 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 59.007 ms  
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

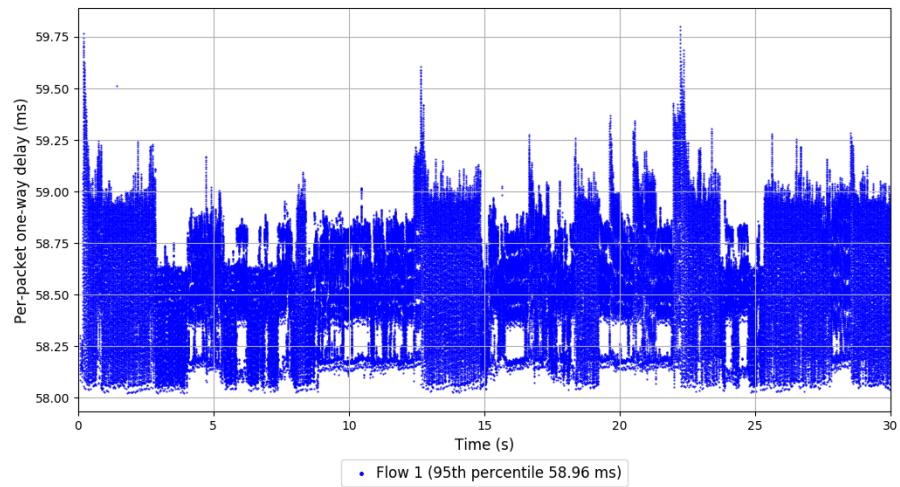
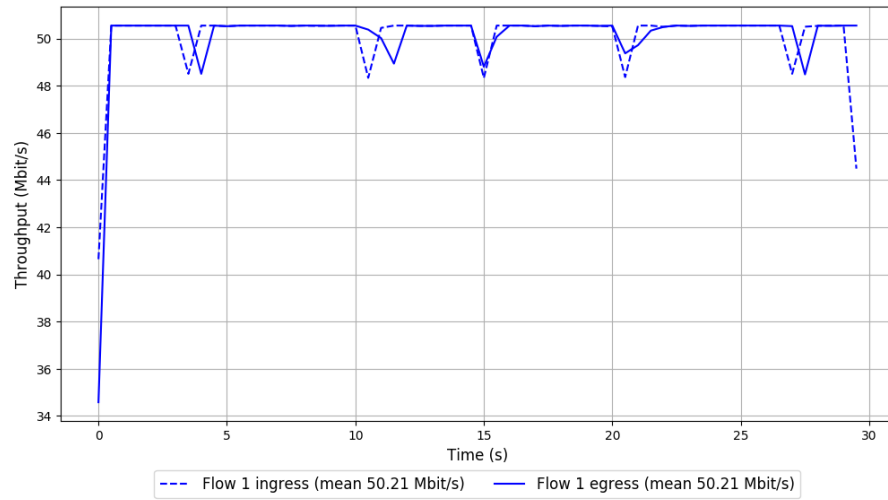


Run 2: Statistics of Sprout

Start at: 2017-11-21 02:46:24  
End at: 2017-11-21 02:46:54  
Local clock offset: -1.356 ms  
Remote clock offset: 45.446 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.957 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.957 ms  
Loss rate: 0.00%

## Run 2: Report of Sprout — Data Link



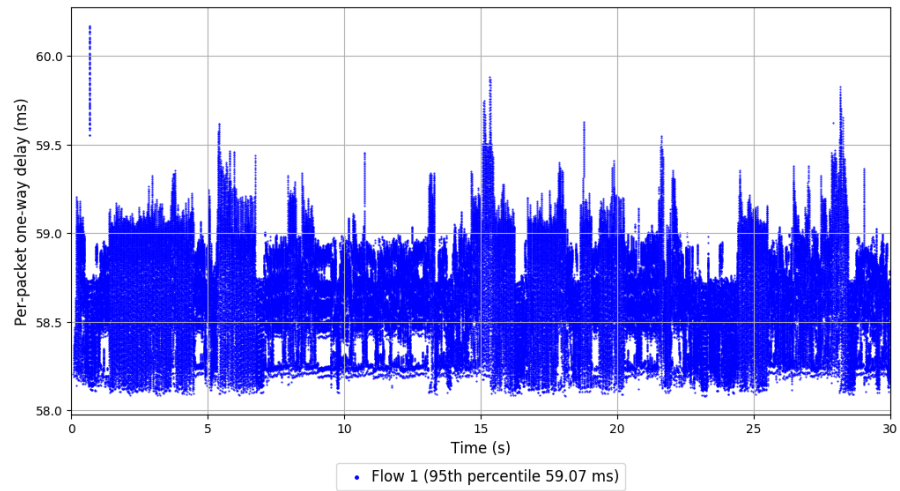
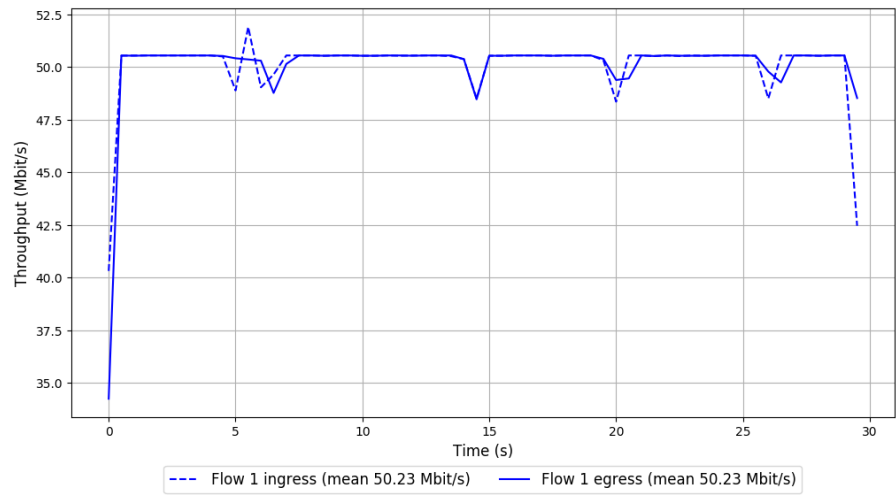
Run 3: Statistics of Sprout

Start at: 2017-11-21 03:04:36  
End at: 2017-11-21 03:05:06  
Local clock offset: -1.564 ms  
Remote clock offset: 45.25 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.23 Mbit/s  
95th percentile per-packet one-way delay: 59.069 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.23 Mbit/s  
95th percentile per-packet one-way delay: 59.069 ms  
Loss rate: 0.00%



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

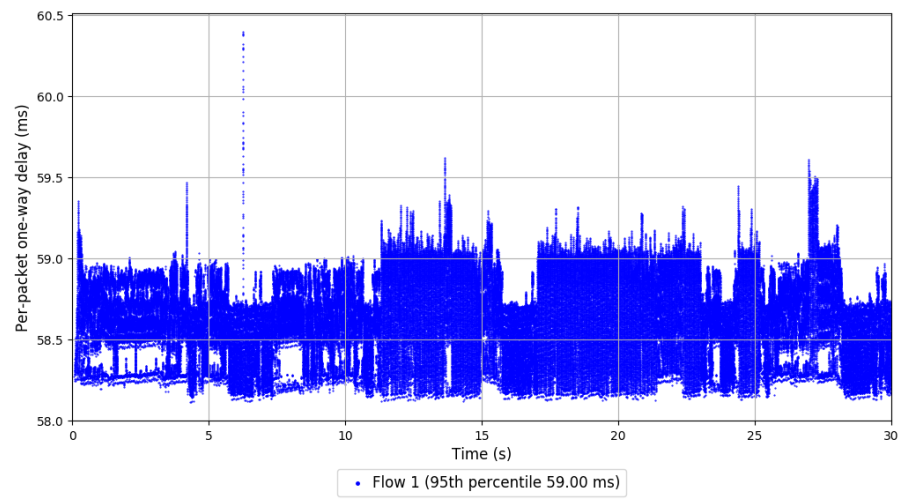
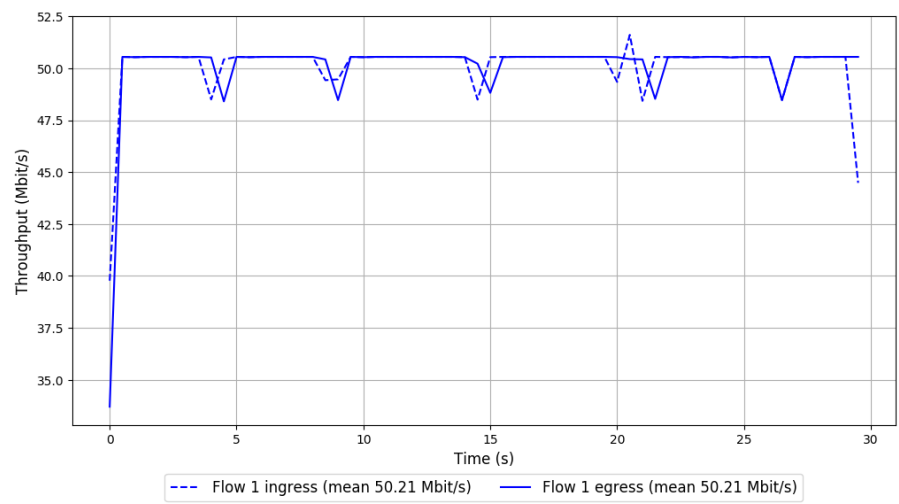


Run 4: Statistics of Sprout

Start at: 2017-11-21 03:22:51  
End at: 2017-11-21 03:23:21  
Local clock offset: -1.722 ms  
Remote clock offset: 45.188 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.998 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.998 ms  
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2017-11-21 03:40:59

End at: 2017-11-21 03:41:30

Local clock offset: -1.581 ms

Remote clock offset: 42.21 ms

# Below is generated by plot.py at 2017-11-21 08:00:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 58.972 ms

Loss rate: 0.00%

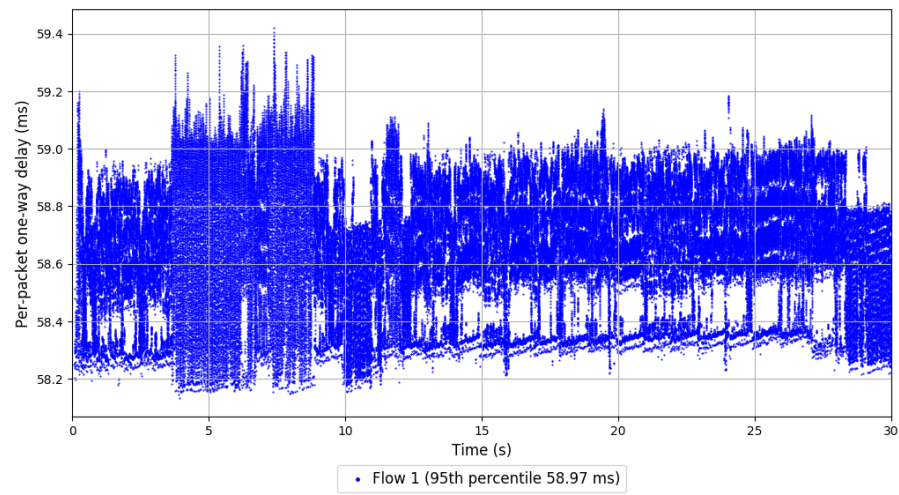
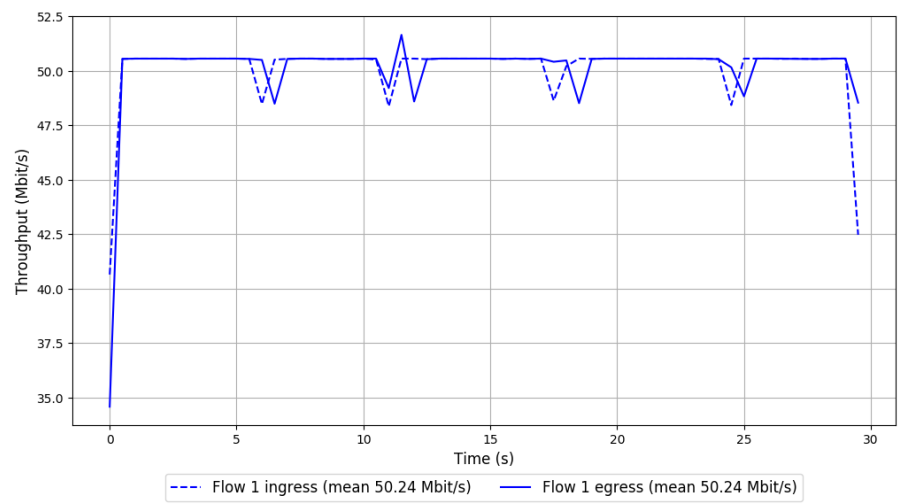
-- Flow 1:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 58.972 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

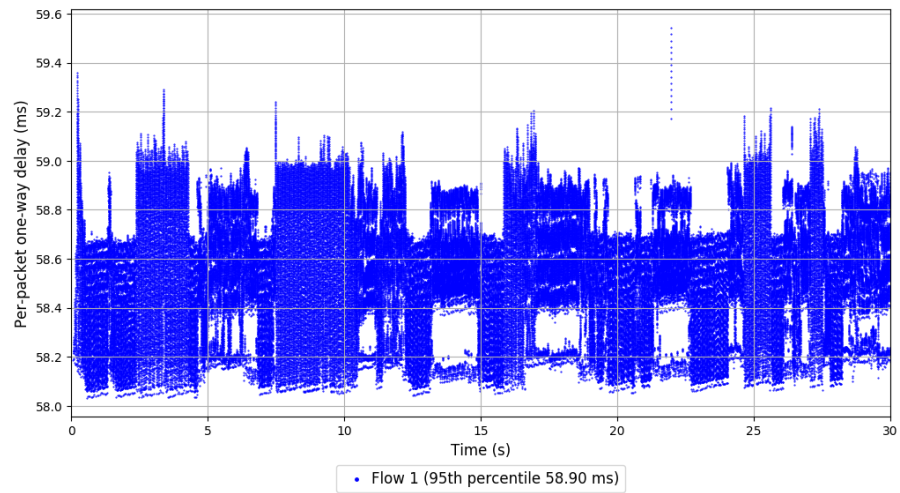
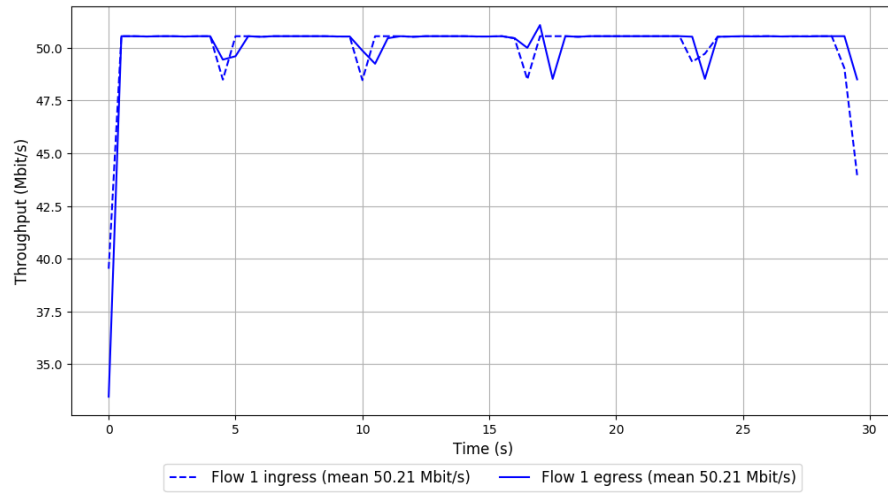


Run 6: Statistics of Sprout

Start at: 2017-11-21 03:59:09  
End at: 2017-11-21 03:59:39  
Local clock offset: -1.507 ms  
Remote clock offset: 40.816 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.904 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.904 ms  
Loss rate: 0.00%

## Run 6: Report of Sprout — Data Link



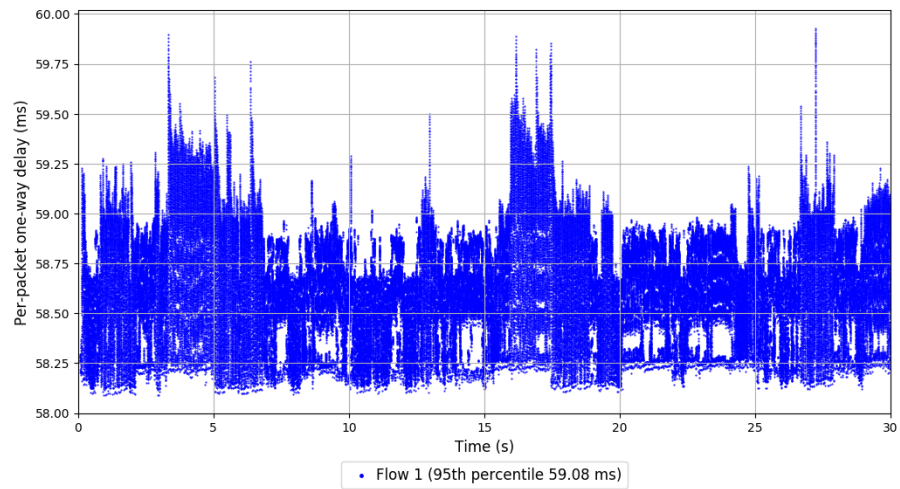
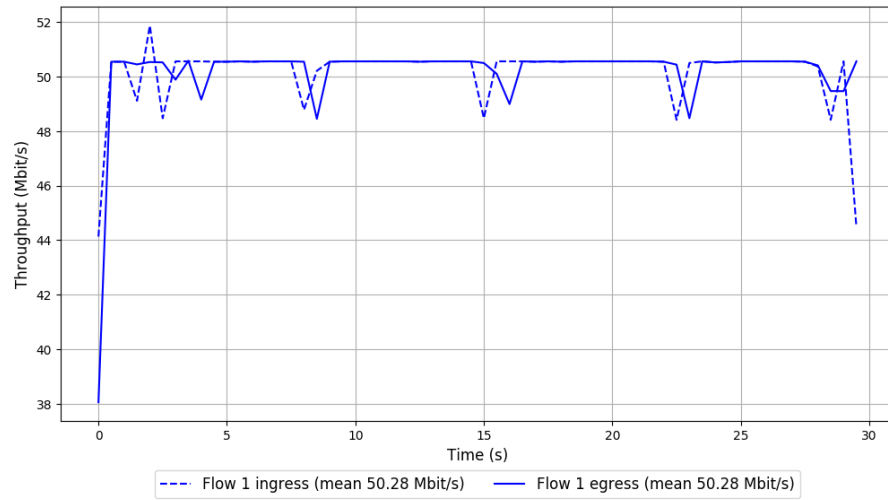
Run 7: Statistics of Sprout

Start at: 2017-11-21 04:17:07  
End at: 2017-11-21 04:17:37  
Local clock offset: -1.215 ms  
Remote clock offset: 39.959 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.28 Mbit/s  
95th percentile per-packet one-way delay: 59.078 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.28 Mbit/s  
95th percentile per-packet one-way delay: 59.078 ms  
Loss rate: 0.00%



### Run 7: Report of Sprout — Data Link

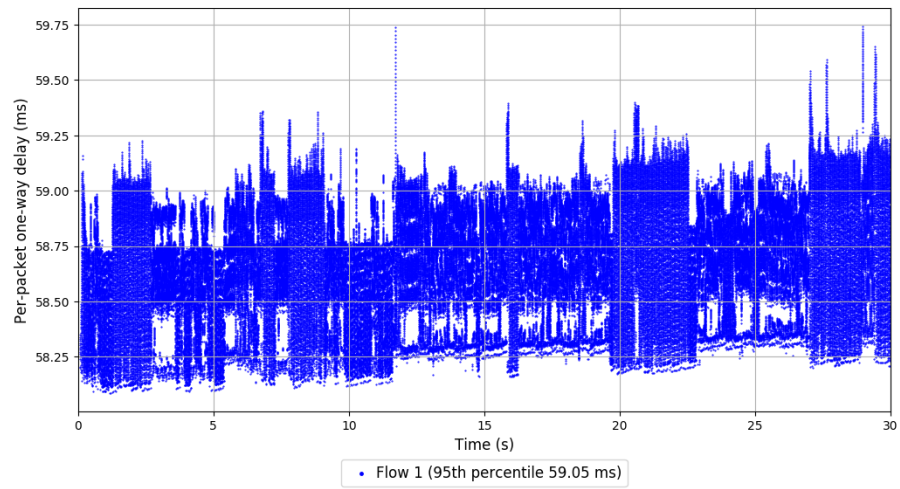
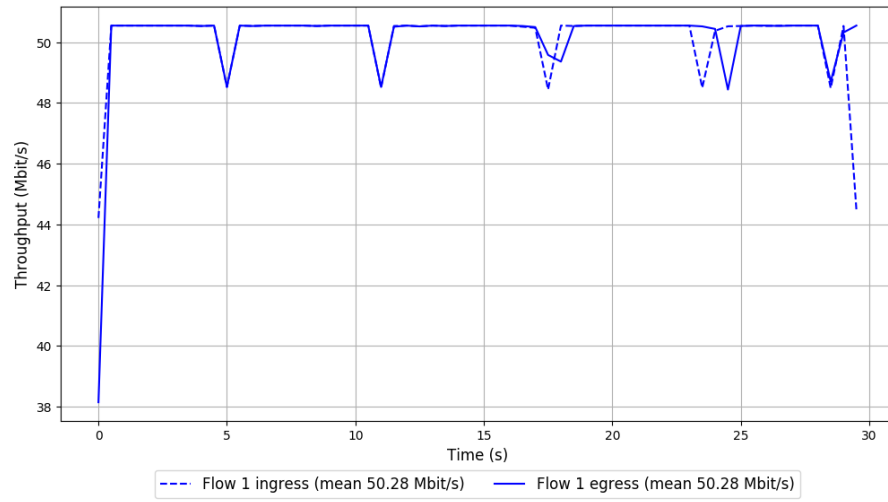


Run 8: Statistics of Sprout

Start at: 2017-11-21 04:35:05  
End at: 2017-11-21 04:35:35  
Local clock offset: -0.787 ms  
Remote clock offset: 36.457 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.28 Mbit/s  
95th percentile per-packet one-way delay: 59.055 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.28 Mbit/s  
95th percentile per-packet one-way delay: 59.055 ms  
Loss rate: 0.00%

# Run 8: Report of Sprout — Data Link

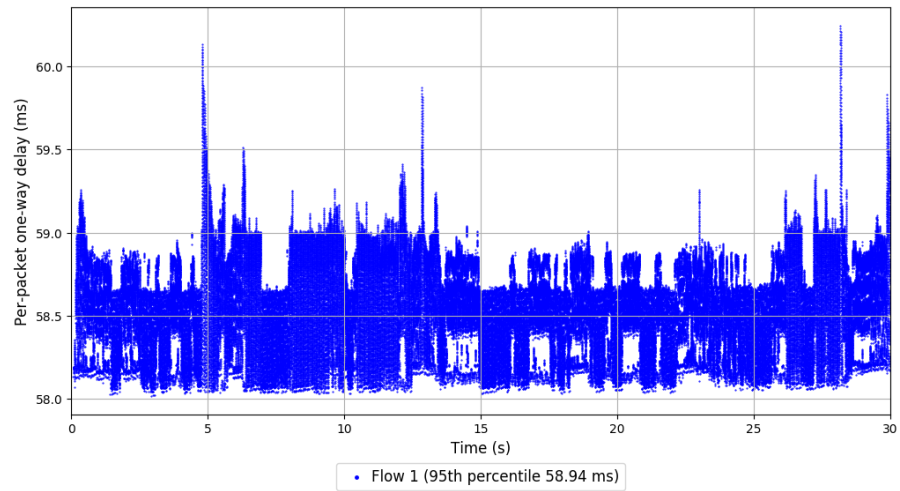
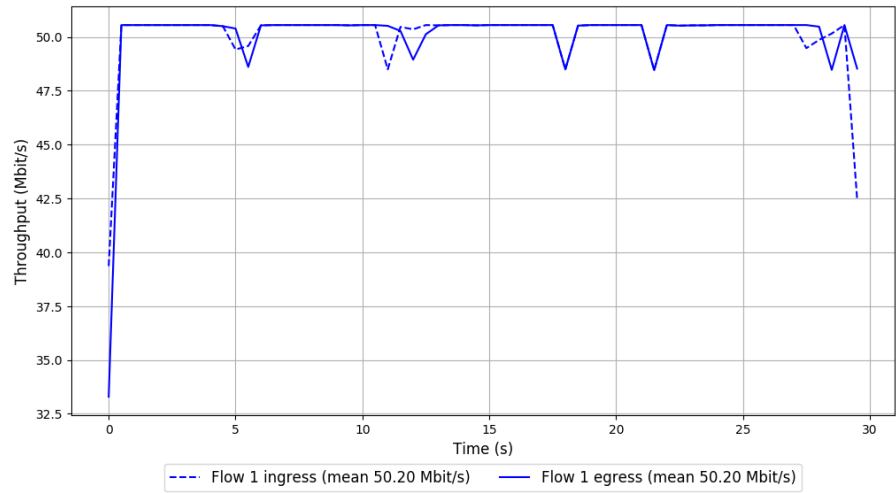


Run 9: Statistics of Sprout

Start at: 2017-11-21 04:53:15  
End at: 2017-11-21 04:53:45  
Local clock offset: -0.274 ms  
Remote clock offset: 35.193 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.20 Mbit/s  
95th percentile per-packet one-way delay: 58.943 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.20 Mbit/s  
95th percentile per-packet one-way delay: 58.943 ms  
Loss rate: 0.00%

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

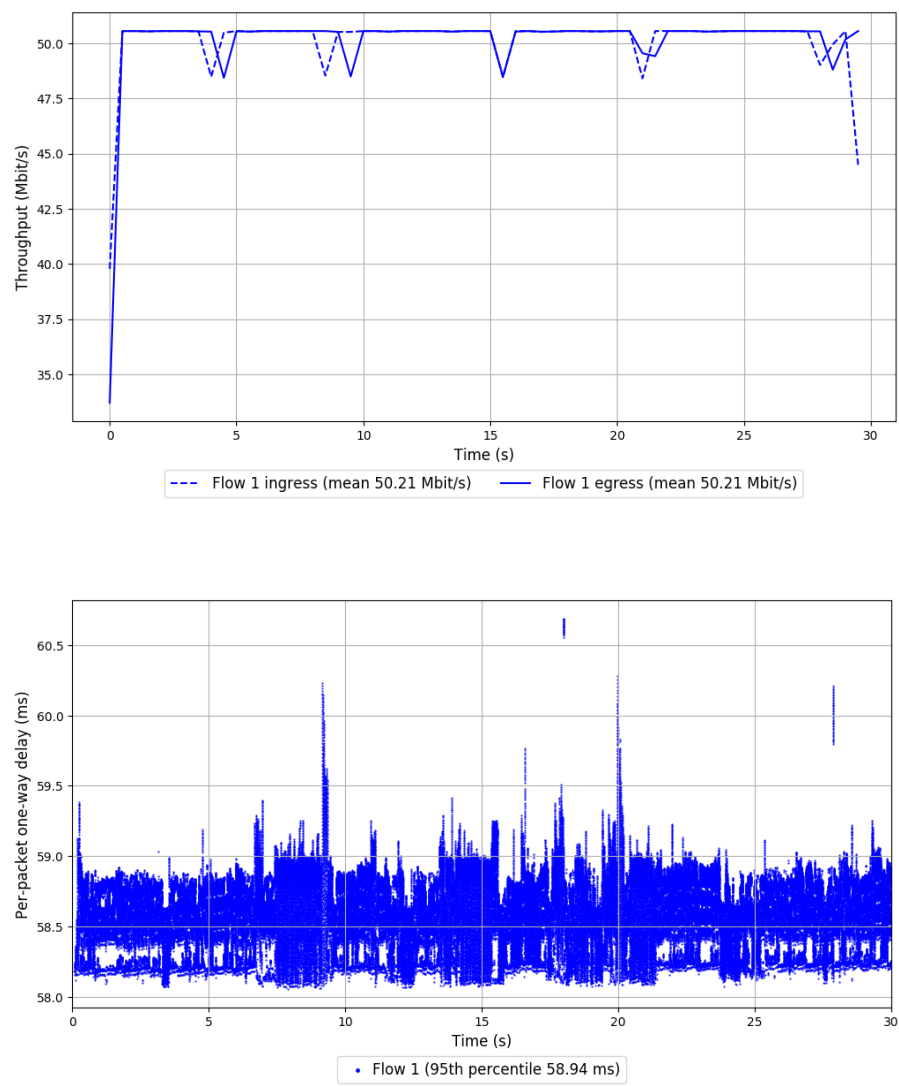


Run 10: Statistics of Sprout

Start at: 2017-11-21 05:11:26  
End at: 2017-11-21 05:11:56  
Local clock offset: 0.062 ms  
Remote clock offset: 34.038 ms

# Below is generated by plot.py at 2017-11-21 08:00:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.942 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.21 Mbit/s  
95th percentile per-packet one-way delay: 58.942 ms  
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



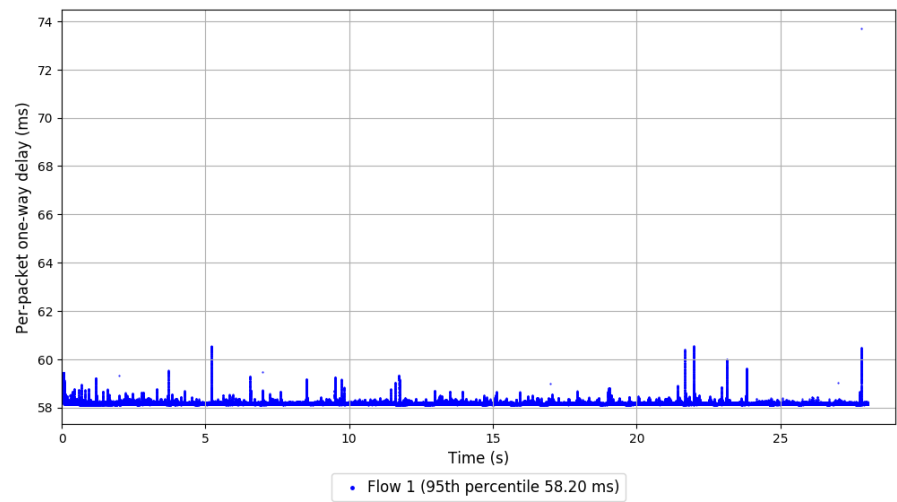
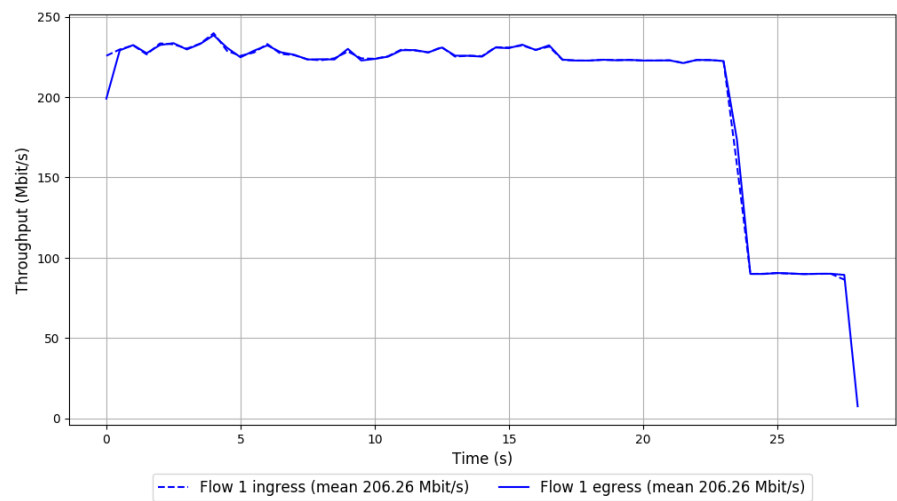
Run 1: Statistics of TaoVA-100x

Start at: 2017-11-21 02:43:43  
End at: 2017-11-21 02:44:13  
Local clock offset: -1.351 ms  
Remote clock offset: 45.584 ms

# Below is generated by plot.py at 2017-11-21 08:00:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 206.26 Mbit/s  
95th percentile per-packet one-way delay: 58.196 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 206.26 Mbit/s  
95th percentile per-packet one-way delay: 58.196 ms  
Loss rate: 0.00%



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



Run 2: Statistics of TaoVA-100x

Start at: 2017-11-21 03:01:56

End at: 2017-11-21 03:02:26

Local clock offset: -1.47 ms

Remote clock offset: 45.317 ms

# Below is generated by plot.py at 2017-11-21 08:01:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 222.31 Mbit/s

95th percentile per-packet one-way delay: 58.129 ms

Loss rate: 0.00%

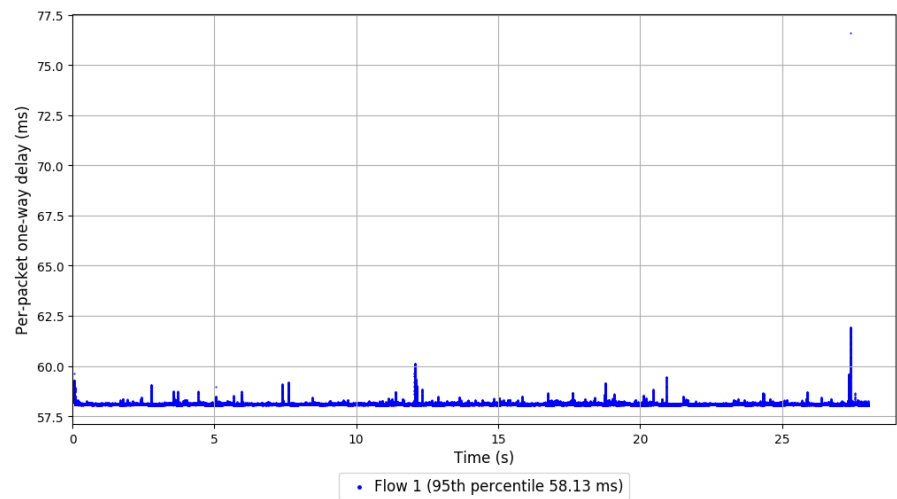
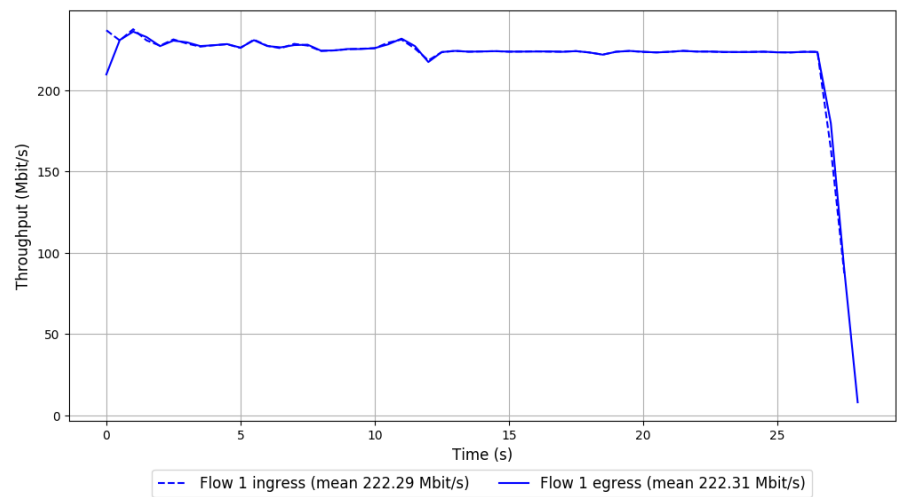
-- Flow 1:

Average throughput: 222.31 Mbit/s

95th percentile per-packet one-way delay: 58.129 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

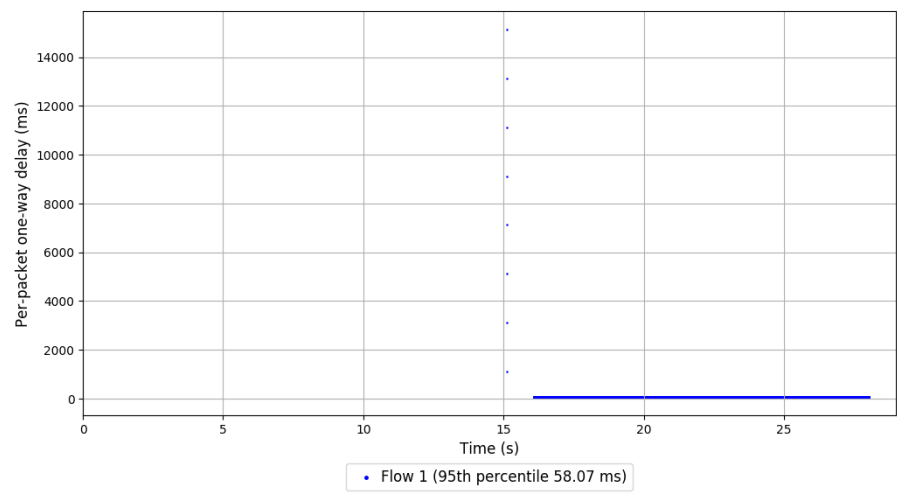
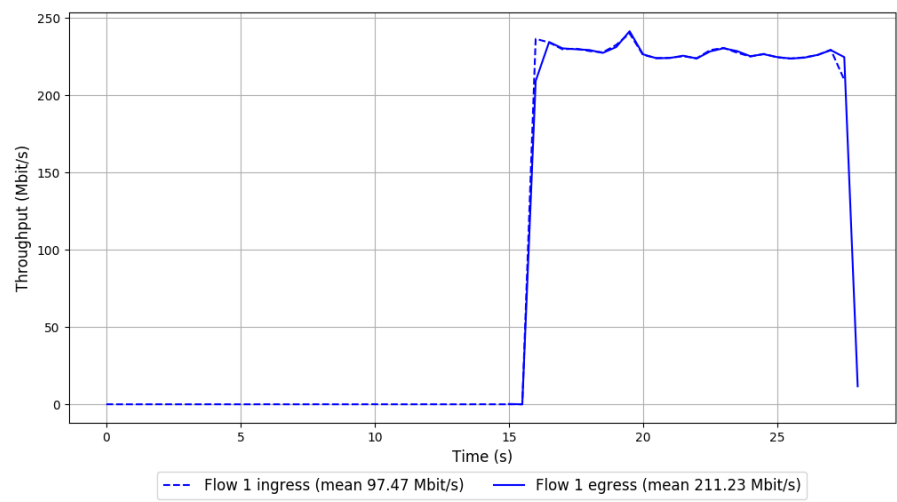
Start at: 2017-11-21 03:20:19

End at: 2017-11-21 03:20:49

Local clock offset: -1.703 ms

Remote clock offset: 45.116 ms

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



Run 4: Statistics of TaoVA-100x

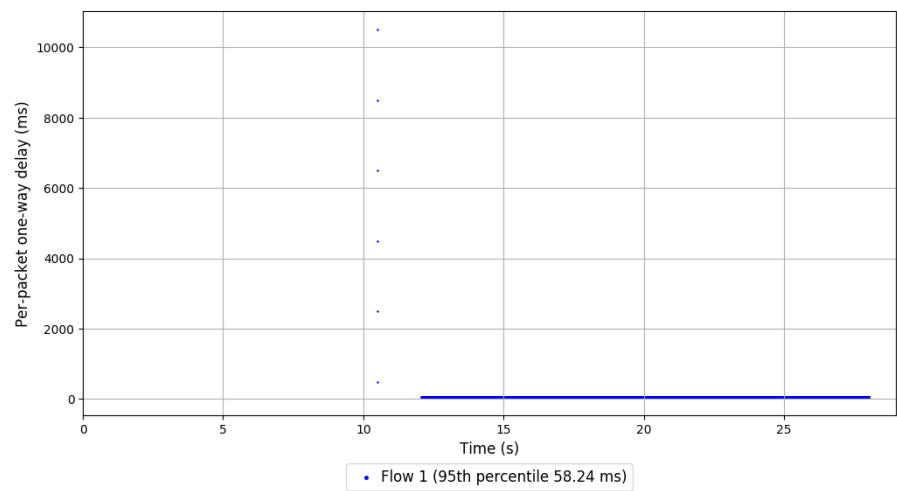
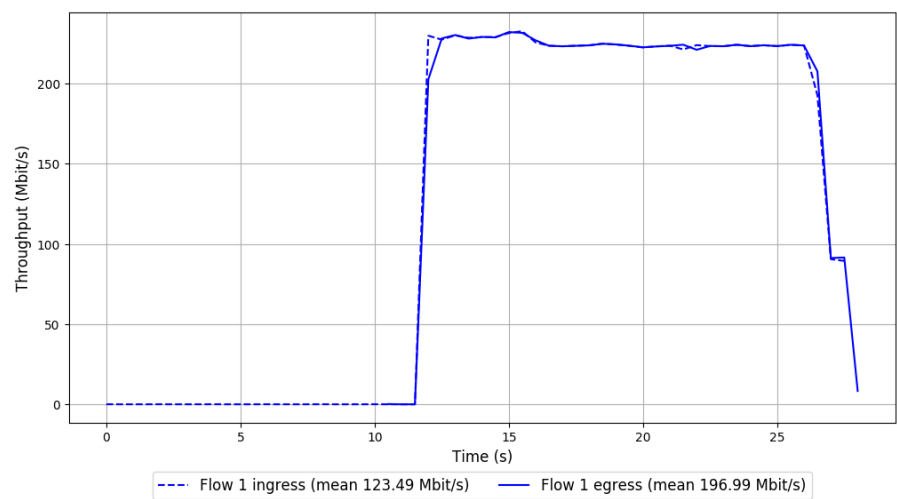
Start at: 2017-11-21 03:38:25

End at: 2017-11-21 03:38:55

Local clock offset: -1.581 ms

Remote clock offset: 42.693 ms

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-11-21 03:56:37

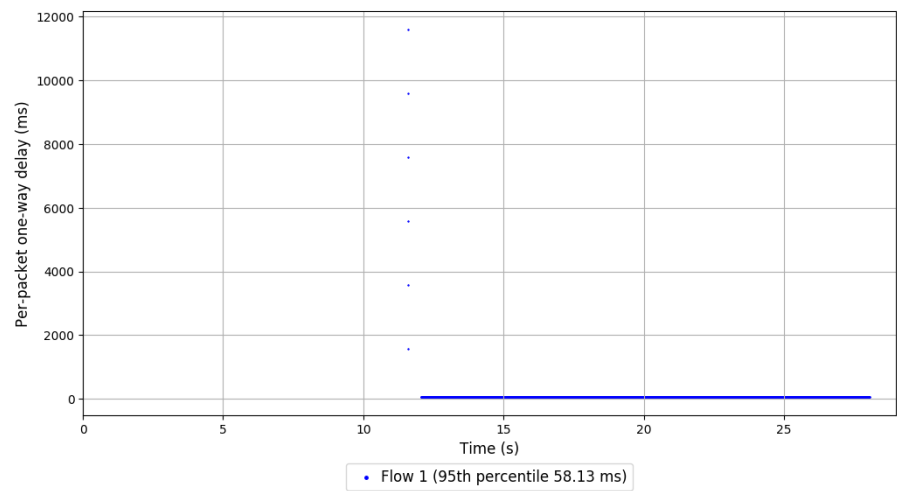
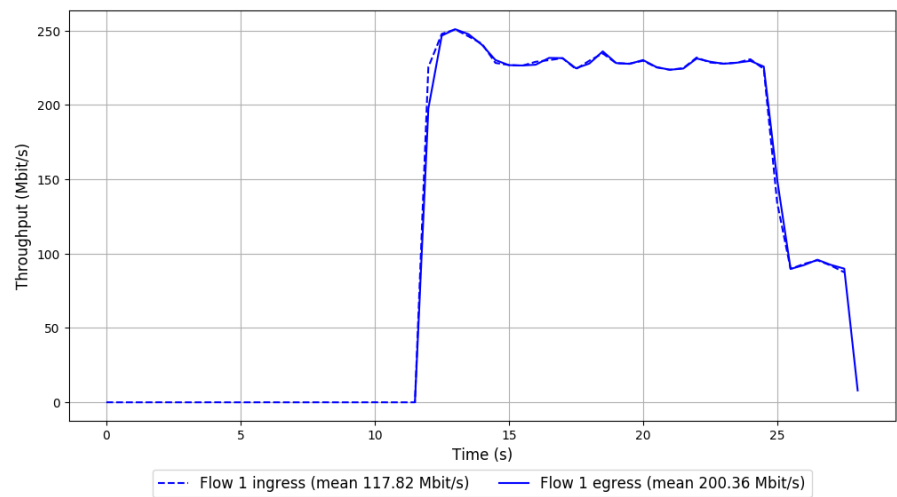
End at: 2017-11-21 03:57:07

Local clock offset: -1.549 ms

Remote clock offset: 40.928 ms



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

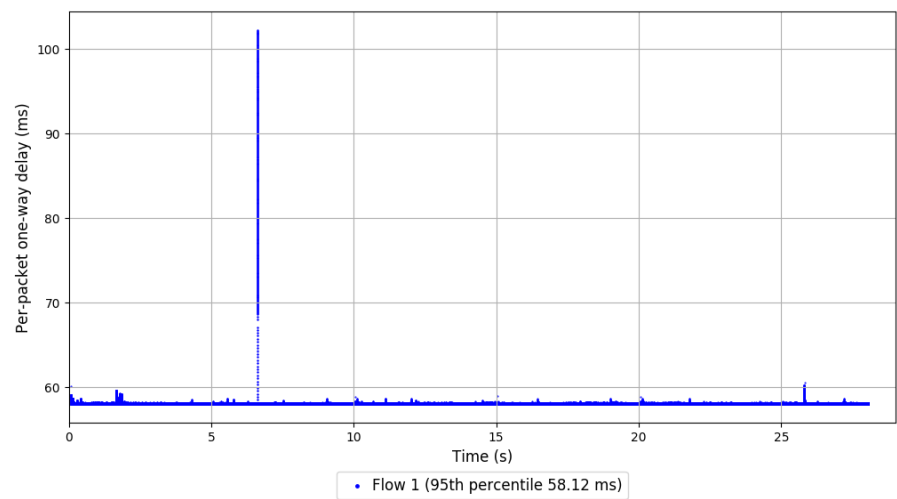
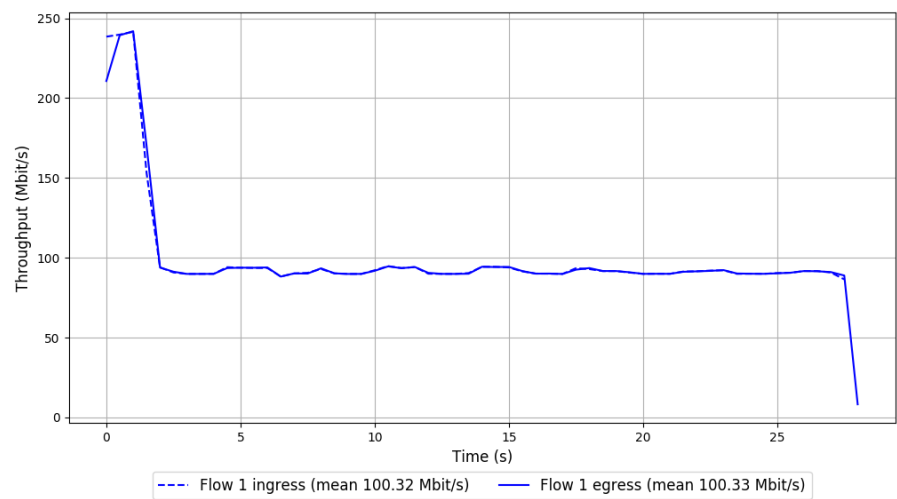


Run 6: Statistics of TaoVA-100x

Start at: 2017-11-21 04:14:35  
End at: 2017-11-21 04:15:05  
Local clock offset: -1.198 ms  
Remote clock offset: 40.088 ms

# Below is generated by plot.py at 2017-11-21 08:01:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 100.33 Mbit/s  
95th percentile per-packet one-way delay: 58.115 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 100.33 Mbit/s  
95th percentile per-packet one-way delay: 58.115 ms  
Loss rate: 0.00%

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

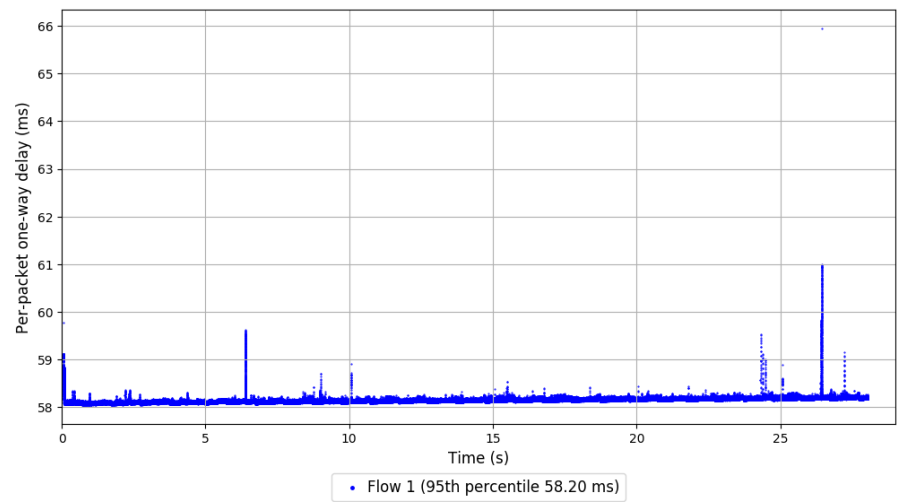
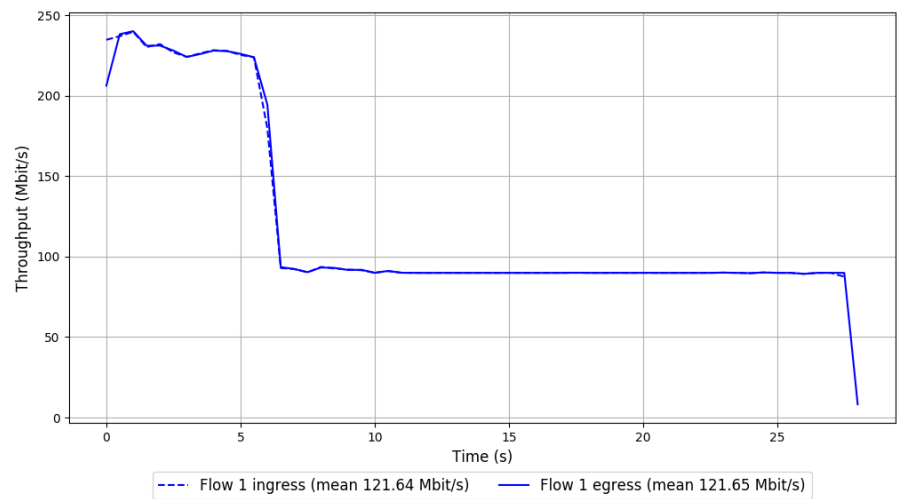


Run 7: Statistics of TaoVA-100x

Start at: 2017-11-21 04:32:31  
End at: 2017-11-21 04:33:01  
Local clock offset: -0.853 ms  
Remote clock offset: 37.002 ms

# Below is generated by plot.py at 2017-11-21 08:01:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 121.65 Mbit/s  
95th percentile per-packet one-way delay: 58.205 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 121.65 Mbit/s  
95th percentile per-packet one-way delay: 58.205 ms  
Loss rate: 0.00%

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

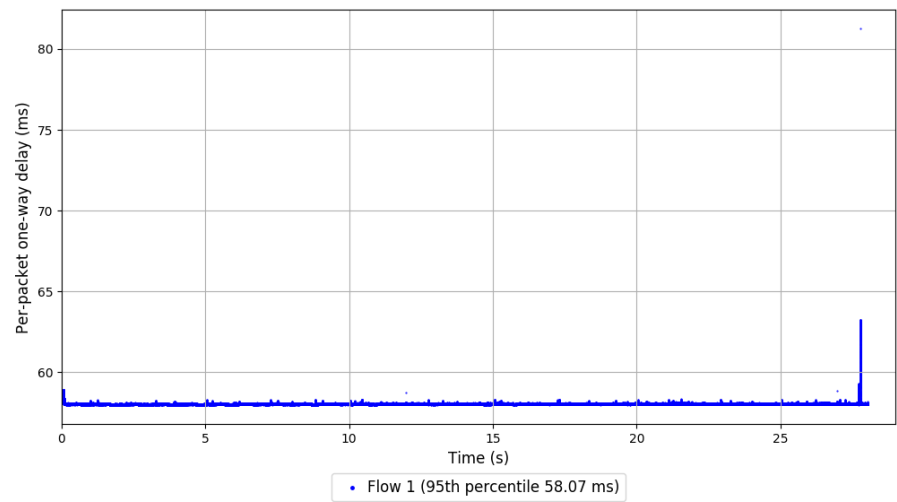
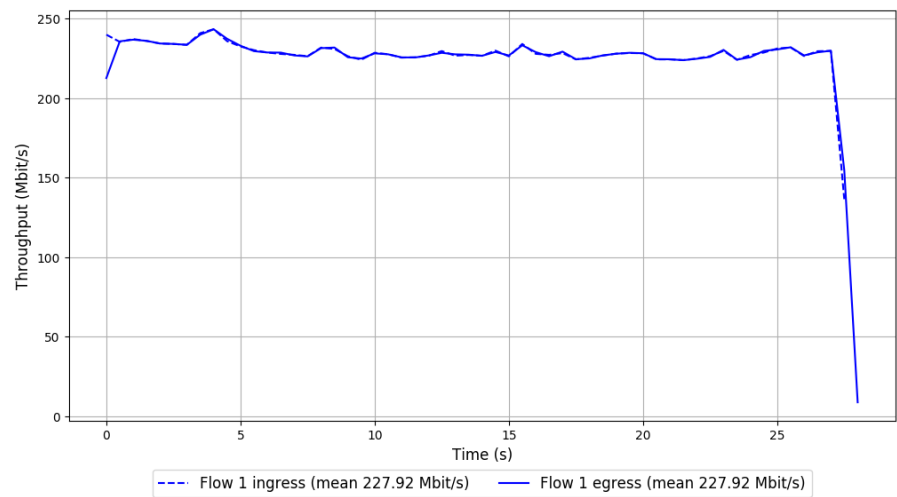


Run 8: Statistics of TaoVA-100x

Start at: 2017-11-21 04:50:34  
End at: 2017-11-21 04:51:04  
Local clock offset: -0.314 ms  
Remote clock offset: 35.314 ms

# Below is generated by plot.py at 2017-11-21 08:03:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 227.92 Mbit/s  
95th percentile per-packet one-way delay: 58.072 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 227.92 Mbit/s  
95th percentile per-packet one-way delay: 58.072 ms  
Loss rate: 0.00%

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



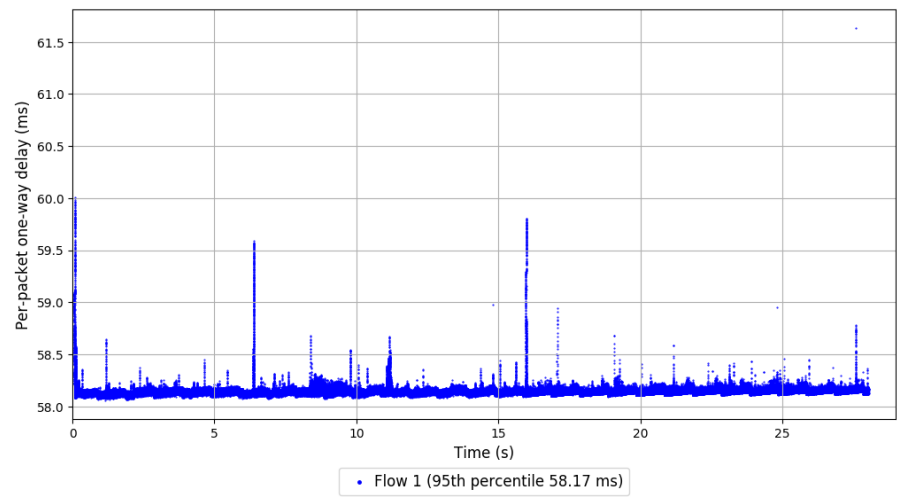
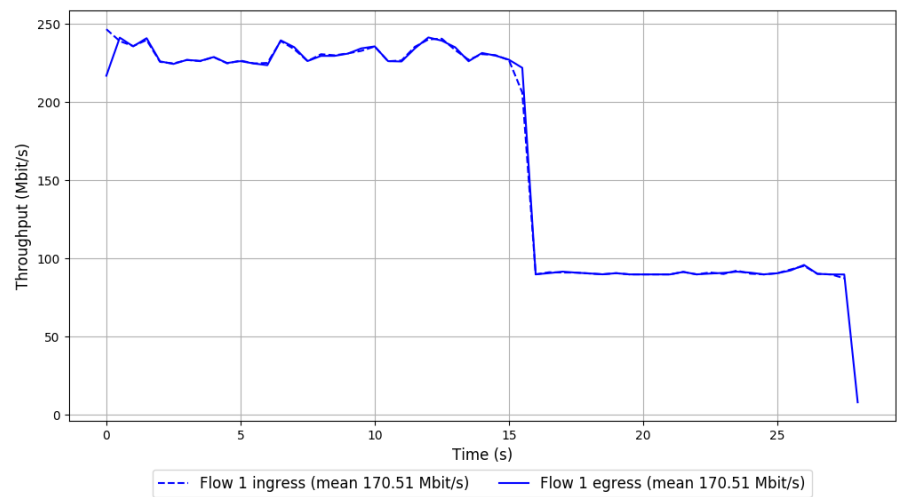
Run 9: Statistics of TaoVA-100x

Start at: 2017-11-21 05:08:51  
End at: 2017-11-21 05:09:21  
Local clock offset: 0.022 ms  
Remote clock offset: 34.273 ms

# Below is generated by plot.py at 2017-11-21 08:03:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 170.51 Mbit/s  
95th percentile per-packet one-way delay: 58.175 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 170.51 Mbit/s  
95th percentile per-packet one-way delay: 58.175 ms  
Loss rate: 0.00%



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



Run 10: Statistics of TaoVA-100x

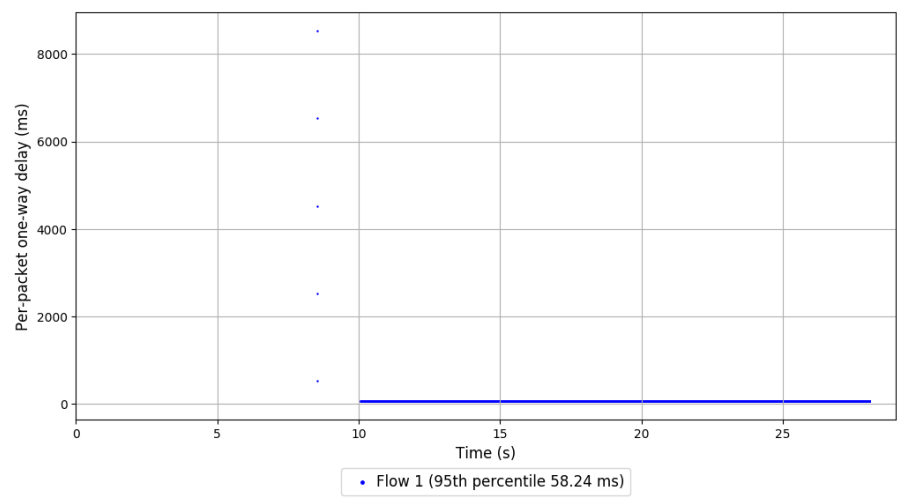
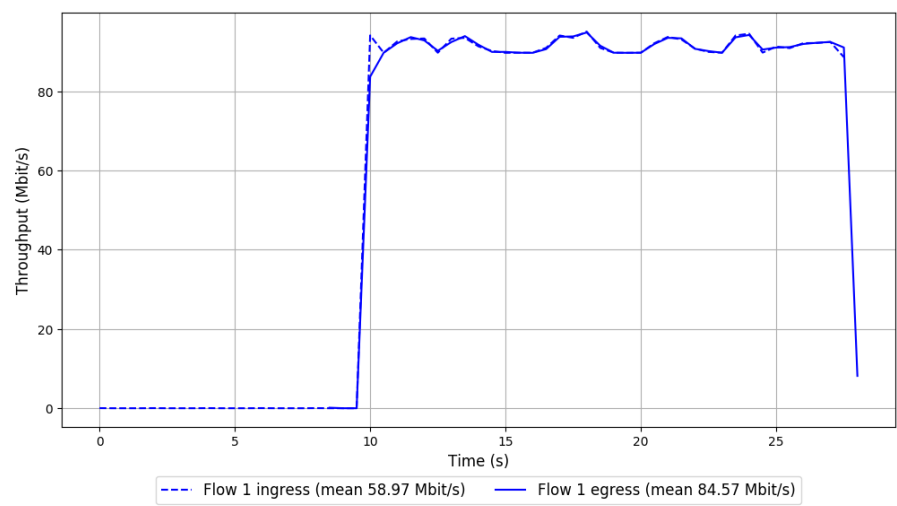
Start at: 2017-11-21 05:27:03

End at: 2017-11-21 05:27:33

Local clock offset: 0.236 ms

Remote clock offset: 32.126 ms

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

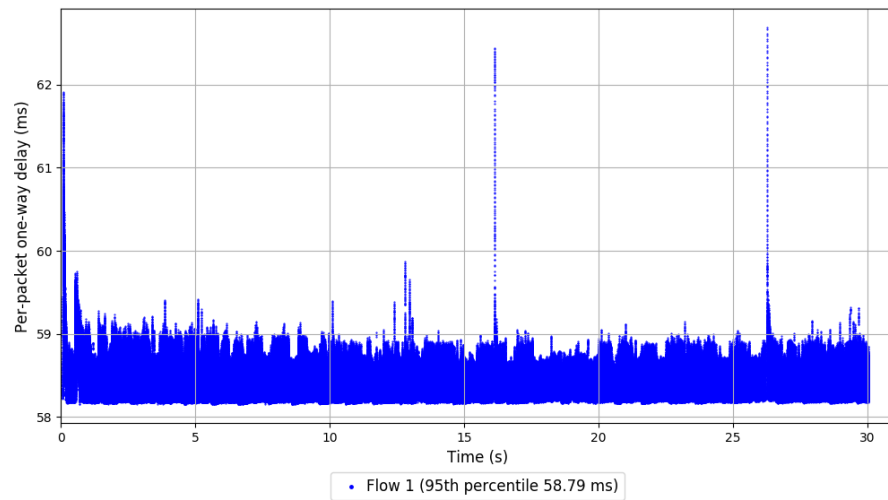
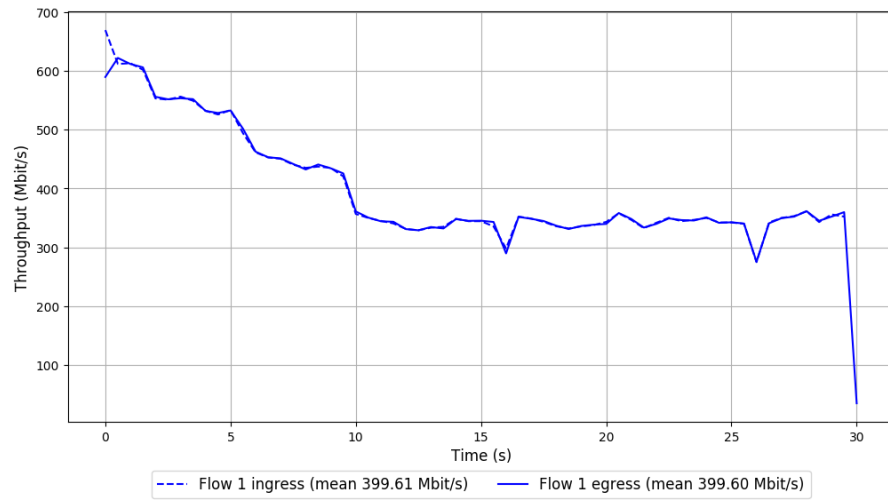


Run 1: Statistics of TCP Vegas

Start at: 2017-11-21 02:35:41  
End at: 2017-11-21 02:36:11  
Local clock offset: -1.356 ms  
Remote clock offset: 45.796 ms

# Below is generated by plot.py at 2017-11-21 08:05:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 399.60 Mbit/s  
95th percentile per-packet one-way delay: 58.787 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 399.60 Mbit/s  
95th percentile per-packet one-way delay: 58.787 ms  
Loss rate: 0.00%

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

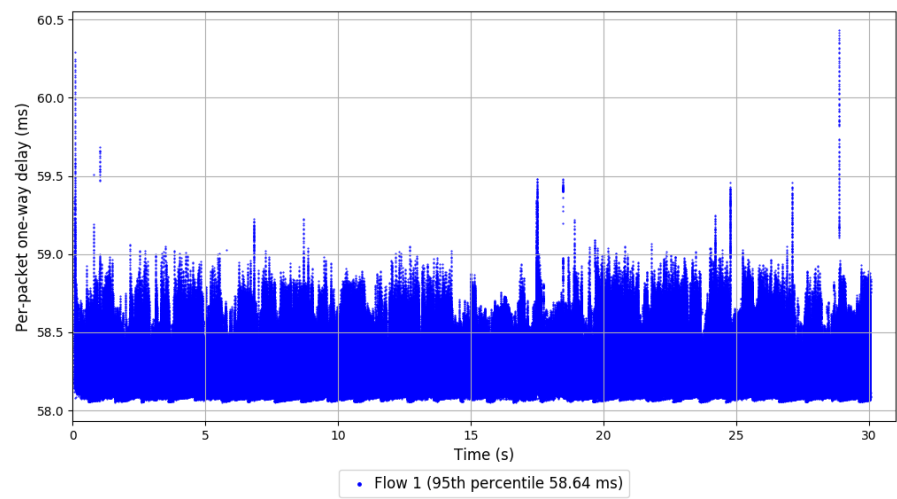
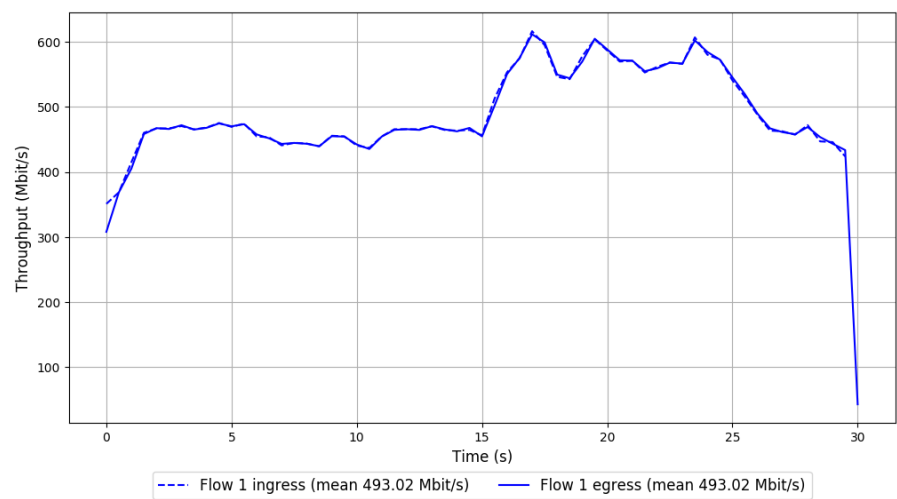


Run 2: Statistics of TCP Vegas

Start at: 2017-11-21 02:53:48  
End at: 2017-11-21 02:54:18  
Local clock offset: -1.396 ms  
Remote clock offset: 45.354 ms

# Below is generated by plot.py at 2017-11-21 08:07:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 493.02 Mbit/s  
95th percentile per-packet one-way delay: 58.638 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 493.02 Mbit/s  
95th percentile per-packet one-way delay: 58.638 ms  
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-11-21 03:12:04

End at: 2017-11-21 03:12:34

Local clock offset: -1.607 ms

Remote clock offset: 45.24 ms

# Below is generated by plot.py at 2017-11-21 08:09:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 605.18 Mbit/s

95th percentile per-packet one-way delay: 66.918 ms

Loss rate: 0.00%

-- Flow 1:

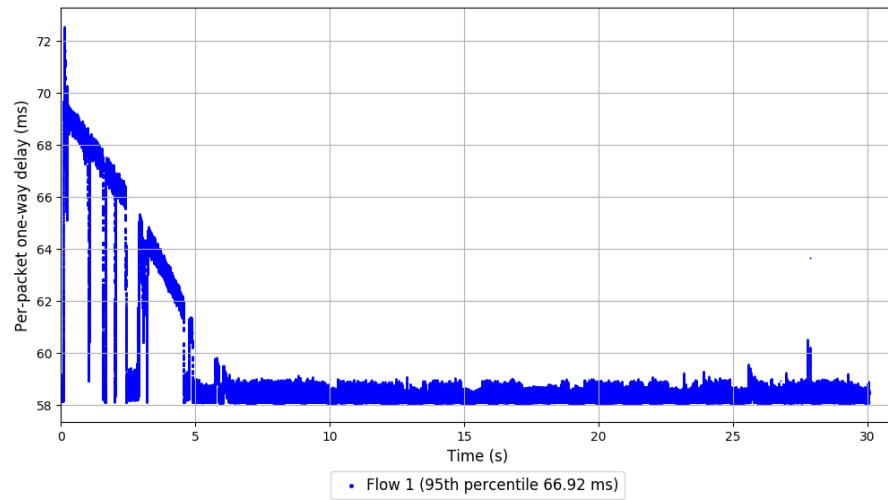
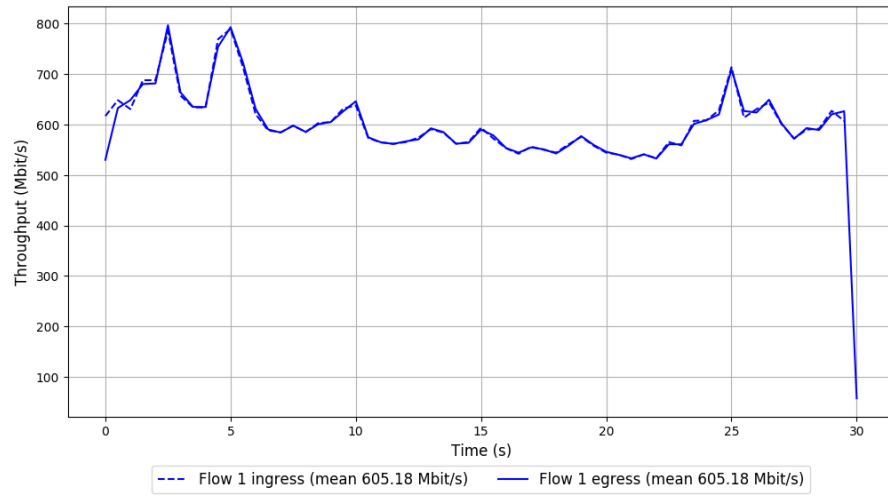
Average throughput: 605.18 Mbit/s

95th percentile per-packet one-way delay: 66.918 ms

Loss rate: 0.00%



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

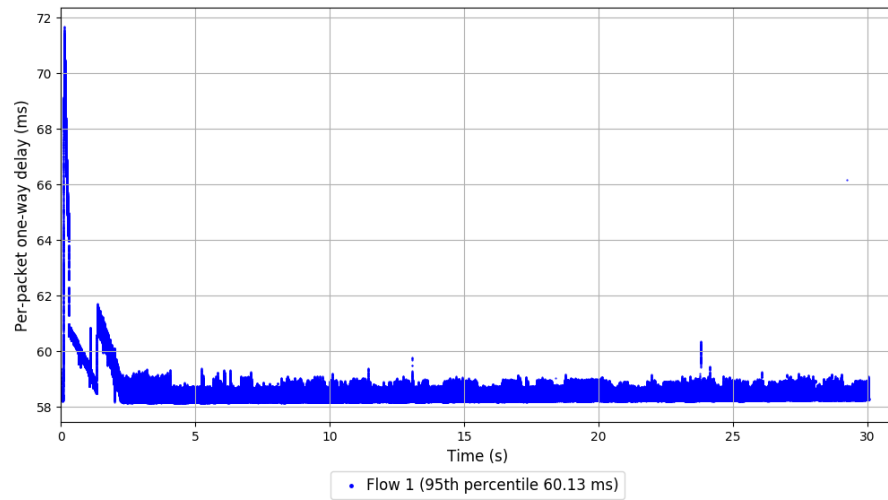
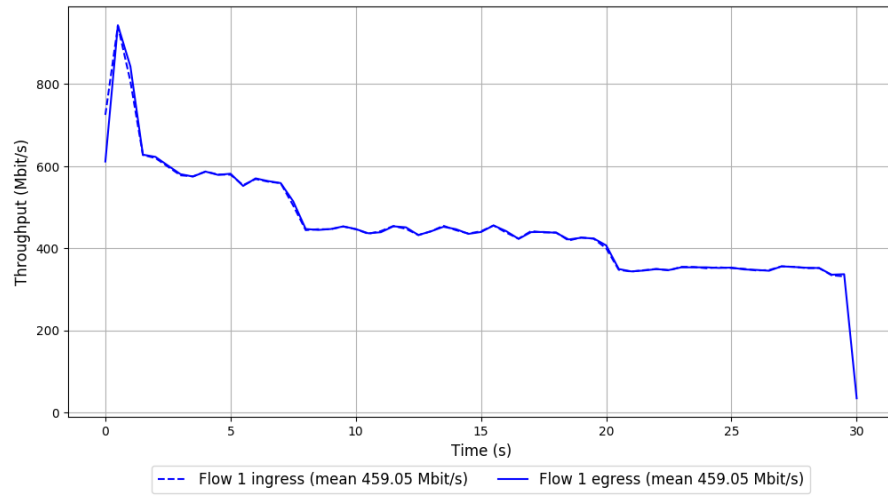


Run 4: Statistics of TCP Vegas

Start at: 2017-11-21 03:30:18  
End at: 2017-11-21 03:30:48  
Local clock offset: -1.645 ms  
Remote clock offset: 44.385 ms

# Below is generated by plot.py at 2017-11-21 08:09:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 459.05 Mbit/s  
95th percentile per-packet one-way delay: 60.134 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 459.05 Mbit/s  
95th percentile per-packet one-way delay: 60.134 ms  
Loss rate: 0.00%

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

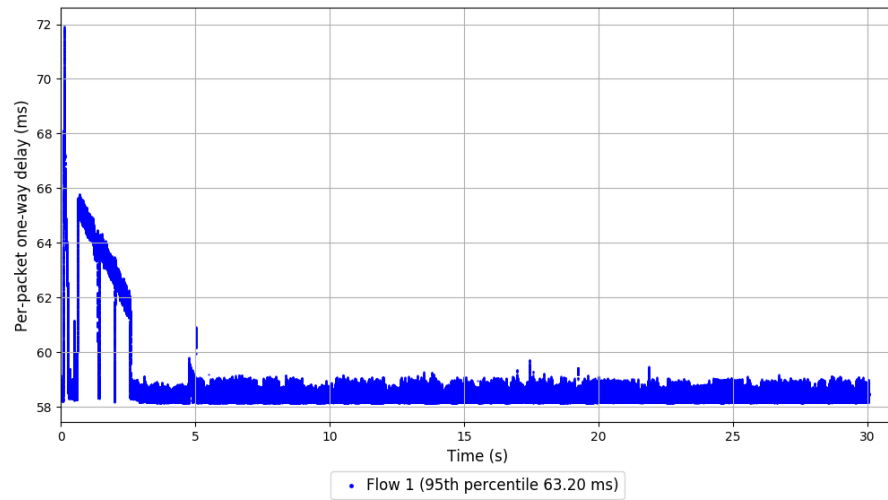
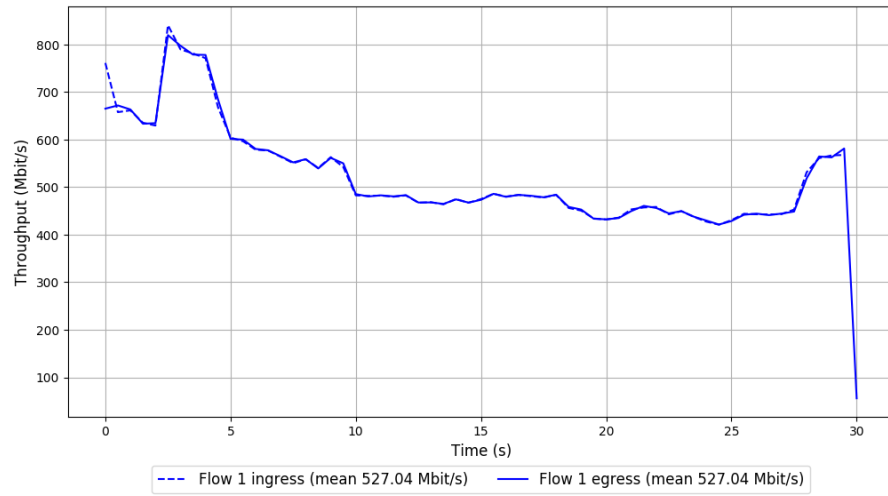


Run 5: Statistics of TCP Vegas

Start at: 2017-11-21 03:48:22  
End at: 2017-11-21 03:48:52  
Local clock offset: -1.642 ms  
Remote clock offset: 41.307 ms

# Below is generated by plot.py at 2017-11-21 08:09:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 527.04 Mbit/s  
95th percentile per-packet one-way delay: 63.195 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 527.04 Mbit/s  
95th percentile per-packet one-way delay: 63.195 ms  
Loss rate: 0.00%

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

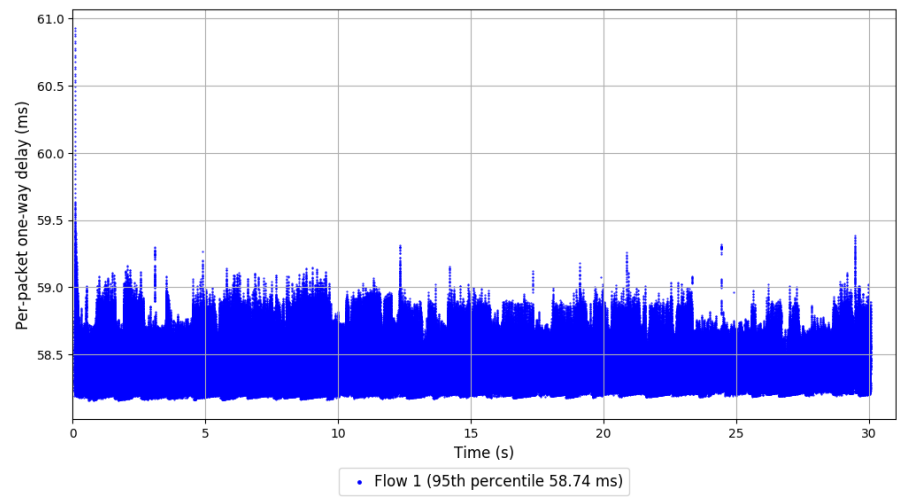
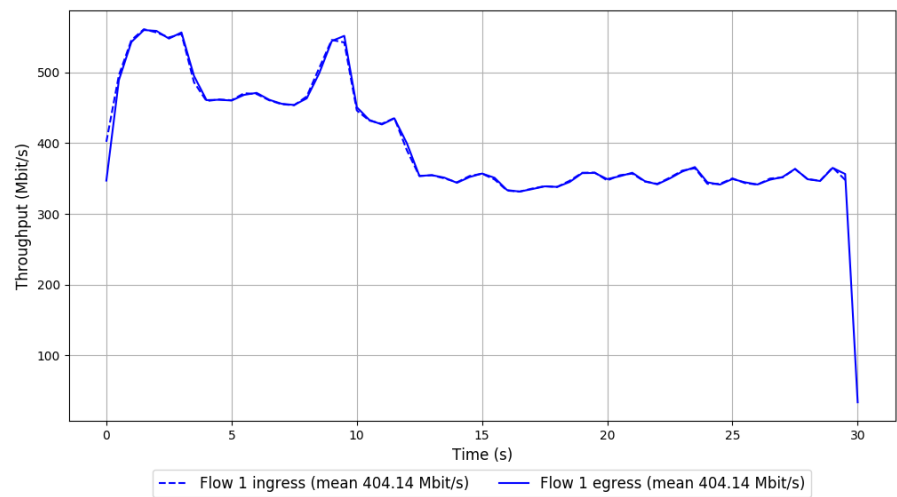


Run 6: Statistics of TCP Vegas

Start at: 2017-11-21 04:06:32  
End at: 2017-11-21 04:07:02  
Local clock offset: -1.428 ms  
Remote clock offset: 40.548 ms

# Below is generated by plot.py at 2017-11-21 08:09:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 404.14 Mbit/s  
95th percentile per-packet one-way delay: 58.738 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 404.14 Mbit/s  
95th percentile per-packet one-way delay: 58.738 ms  
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



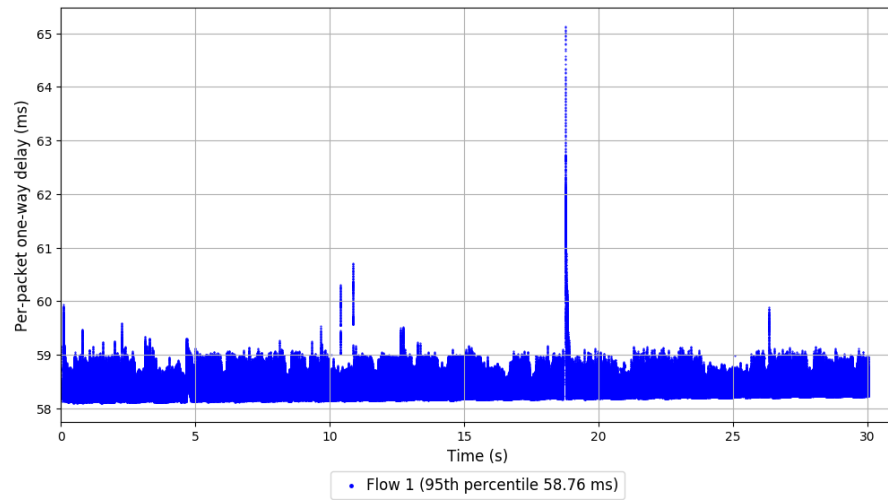
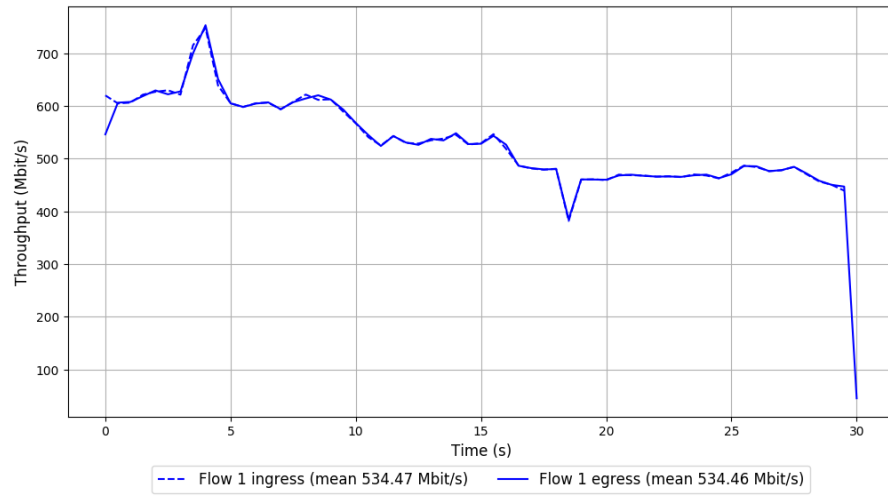
Run 7: Statistics of TCP Vegas

Start at: 2017-11-21 04:24:33  
End at: 2017-11-21 04:25:03  
Local clock offset: -1.033 ms  
Remote clock offset: 38.823 ms

# Below is generated by plot.py at 2017-11-21 08:10:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 534.46 Mbit/s  
95th percentile per-packet one-way delay: 58.761 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 534.46 Mbit/s  
95th percentile per-packet one-way delay: 58.761 ms  
Loss rate: 0.00%



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

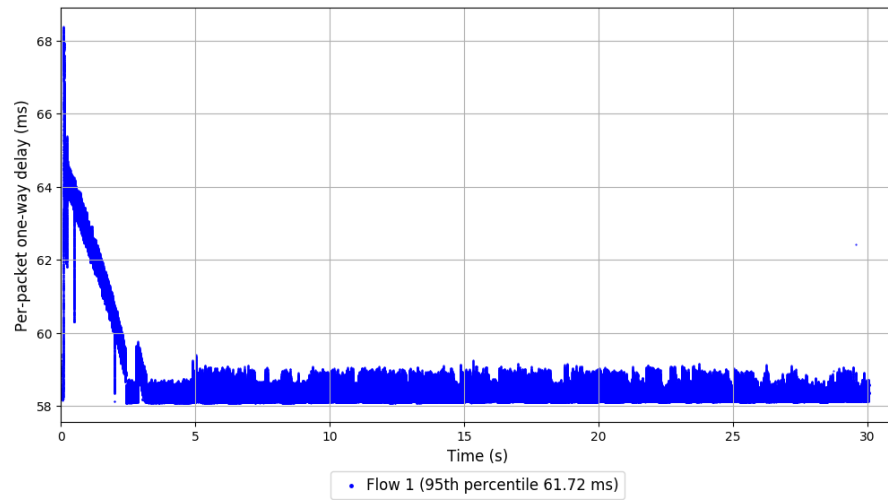
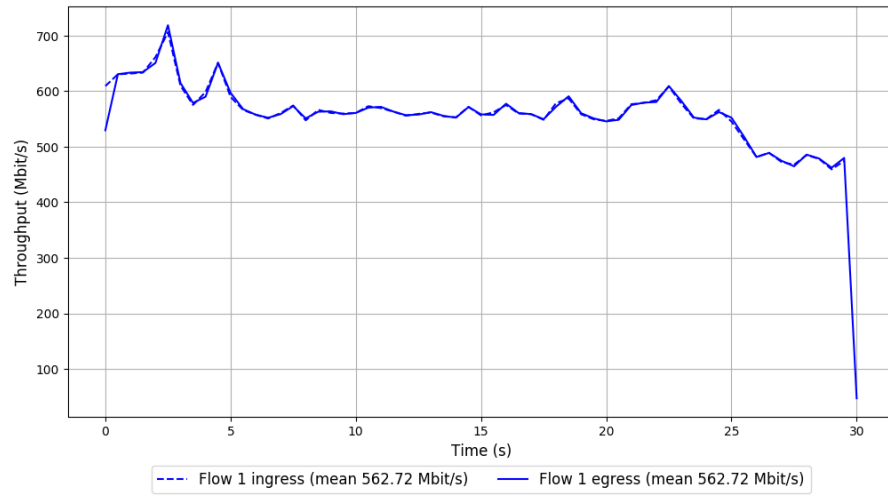


Run 8: Statistics of TCP Vegas

Start at: 2017-11-21 04:42:30  
End at: 2017-11-21 04:43:00  
Local clock offset: -0.6 ms  
Remote clock offset: 35.708 ms

# Below is generated by plot.py at 2017-11-21 08:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 562.72 Mbit/s  
95th percentile per-packet one-way delay: 61.721 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 562.72 Mbit/s  
95th percentile per-packet one-way delay: 61.721 ms  
Loss rate: 0.00%

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

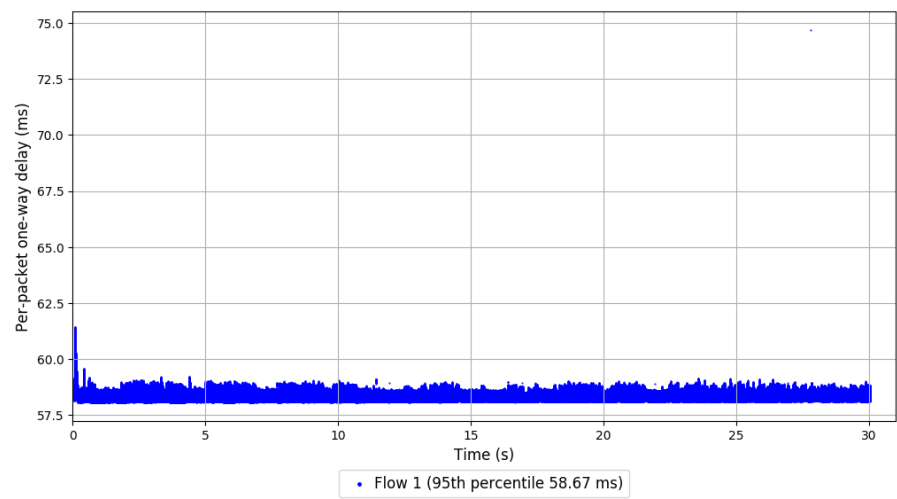
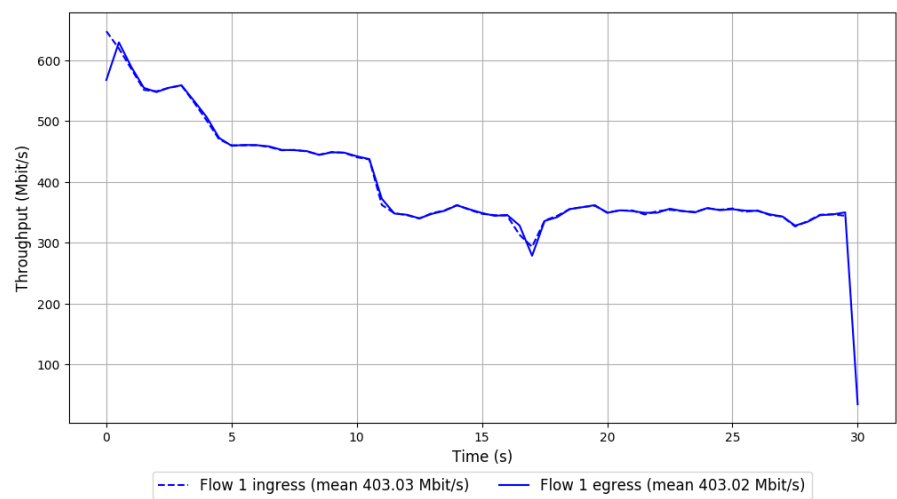


Run 9: Statistics of TCP Vegas

Start at: 2017-11-21 05:00:37  
End at: 2017-11-21 05:01:07  
Local clock offset: -0.126 ms  
Remote clock offset: 34.818 ms

# Below is generated by plot.py at 2017-11-21 08:12:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 403.02 Mbit/s  
95th percentile per-packet one-way delay: 58.673 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 403.02 Mbit/s  
95th percentile per-packet one-way delay: 58.673 ms  
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

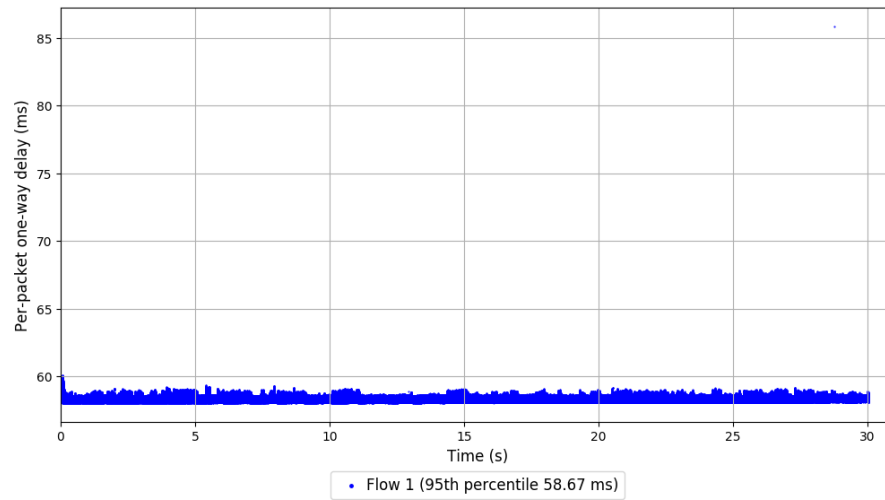
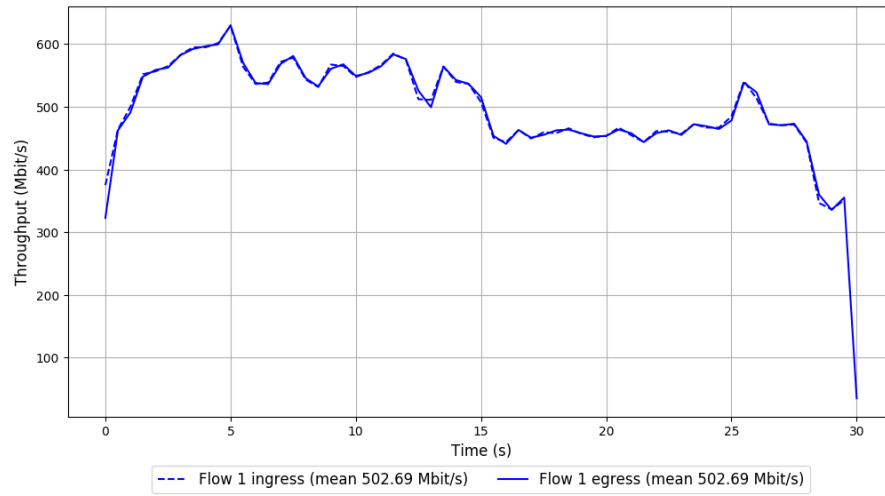


Run 10: Statistics of TCP Vegas

Start at: 2017-11-21 05:18:48  
End at: 2017-11-21 05:19:18  
Local clock offset: 0.198 ms  
Remote clock offset: 33.153 ms

# Below is generated by plot.py at 2017-11-21 08:14:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 502.69 Mbit/s  
95th percentile per-packet one-way delay: 58.670 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 502.69 Mbit/s  
95th percentile per-packet one-way delay: 58.670 ms  
Loss rate: 0.00%

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



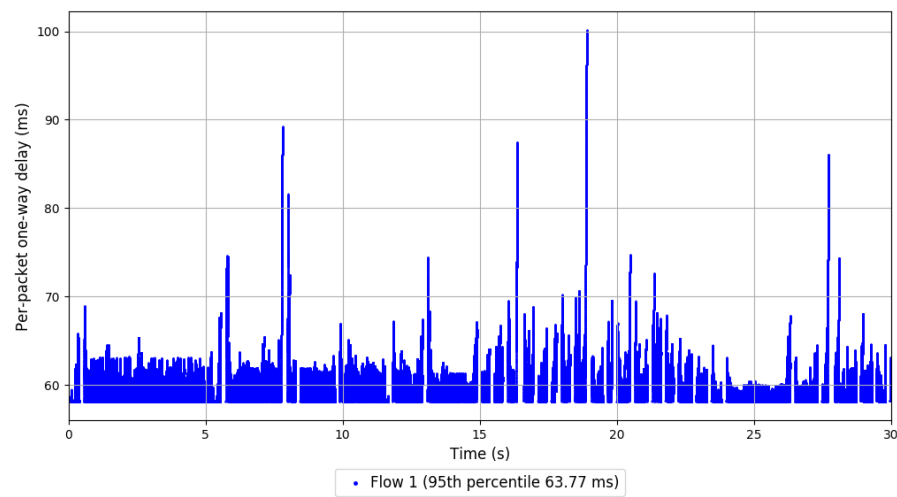
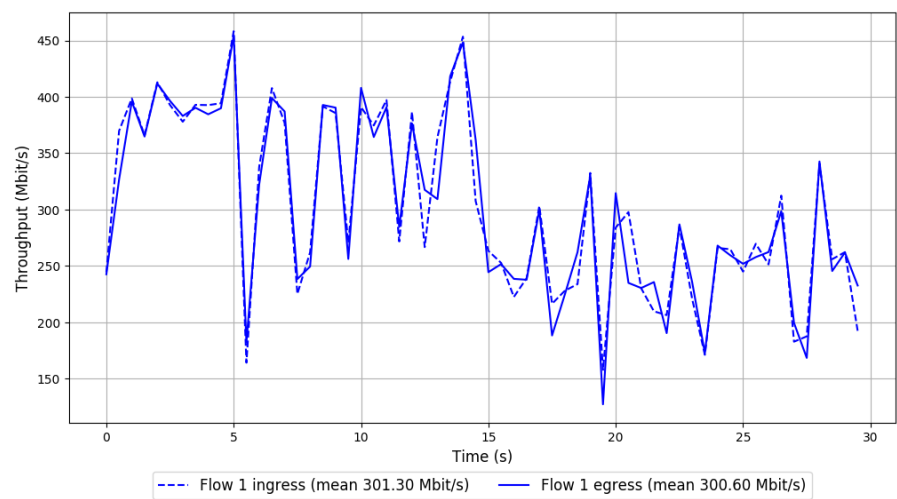
Run 1: Statistics of Verus

Start at: 2017-11-21 02:26:56  
End at: 2017-11-21 02:27:26  
Local clock offset: -1.272 ms  
Remote clock offset: 45.942 ms

# Below is generated by plot.py at 2017-11-21 08:14:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 300.60 Mbit/s  
95th percentile per-packet one-way delay: 63.773 ms  
Loss rate: 0.23%  
-- Flow 1:  
Average throughput: 300.60 Mbit/s  
95th percentile per-packet one-way delay: 63.773 ms  
Loss rate: 0.23%



Run 1: Report of Verus — Data Link

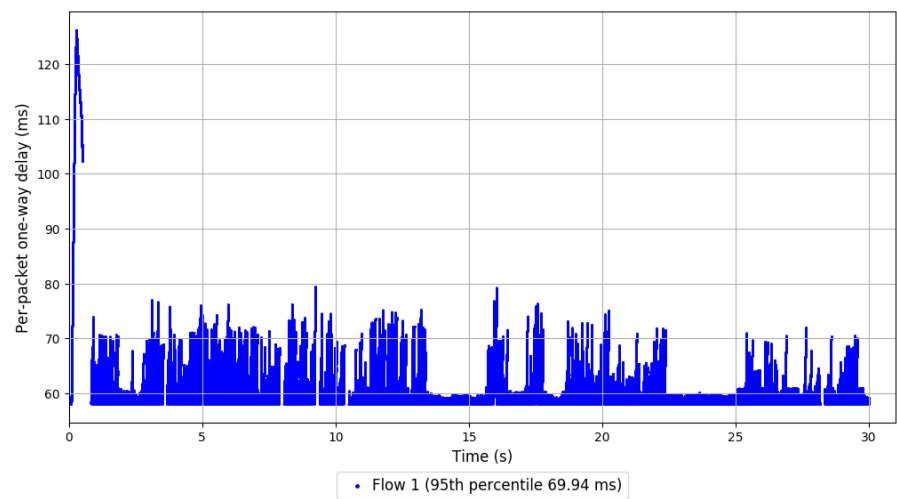
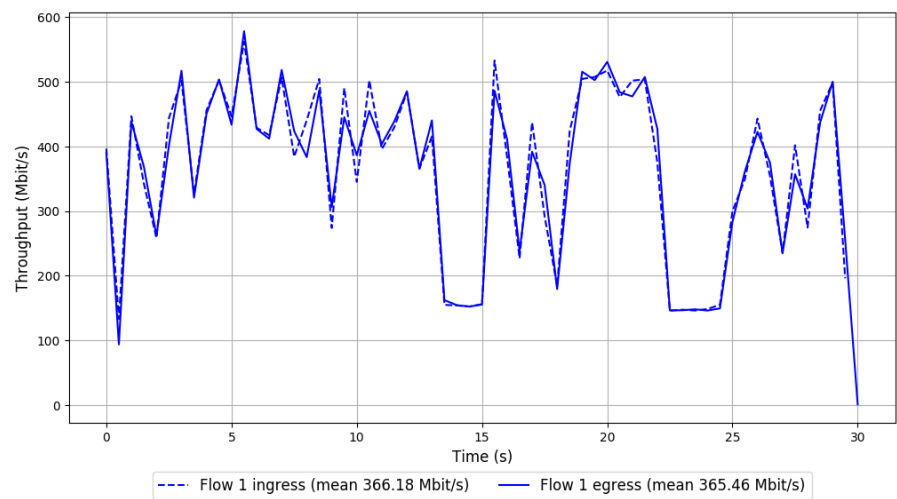


Run 2: Statistics of Verus

Start at: 2017-11-21 02:45:01  
End at: 2017-11-21 02:45:31  
Local clock offset: -1.356 ms  
Remote clock offset: 45.511 ms

# Below is generated by plot.py at 2017-11-21 08:14:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 365.46 Mbit/s  
95th percentile per-packet one-way delay: 69.945 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 365.46 Mbit/s  
95th percentile per-packet one-way delay: 69.945 ms  
Loss rate: 0.19%

Run 2: Report of Verus — Data Link

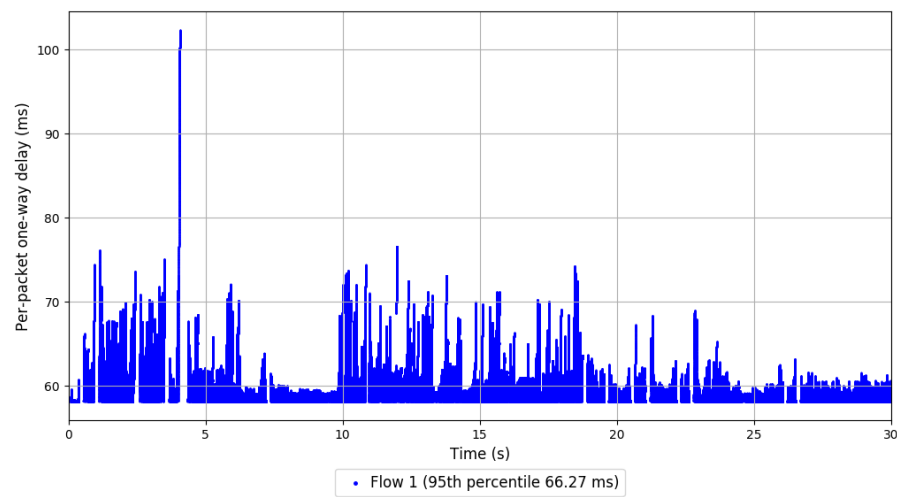
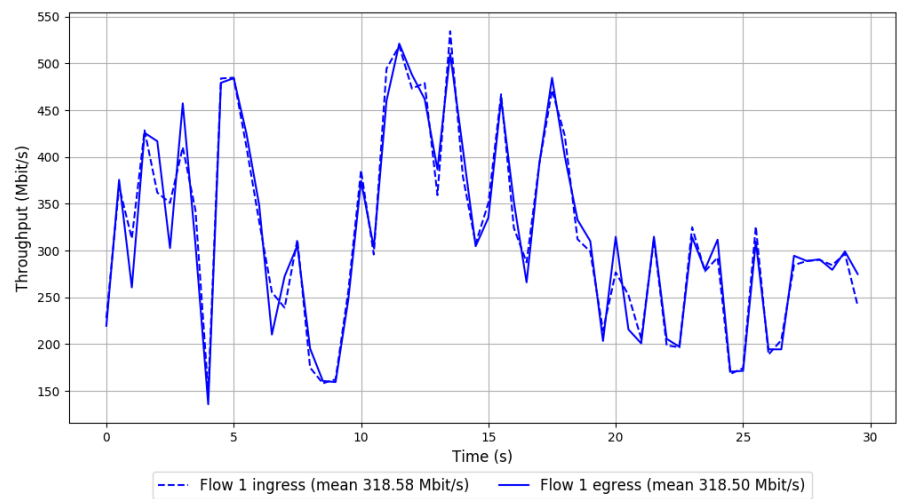


Run 3: Statistics of Verus

Start at: 2017-11-21 03:03:16  
End at: 2017-11-21 03:03:46  
Local clock offset: -1.557 ms  
Remote clock offset: 45.264 ms

# Below is generated by plot.py at 2017-11-21 08:14:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 318.50 Mbit/s  
95th percentile per-packet one-way delay: 66.272 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 318.50 Mbit/s  
95th percentile per-packet one-way delay: 66.272 ms  
Loss rate: 0.02%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-11-21 03:21:30

End at: 2017-11-21 03:22:00

Local clock offset: -1.709 ms

Remote clock offset: 45.19 ms

# Below is generated by plot.py at 2017-11-21 08:14:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 327.36 Mbit/s

95th percentile per-packet one-way delay: 66.127 ms

Loss rate: 0.10%

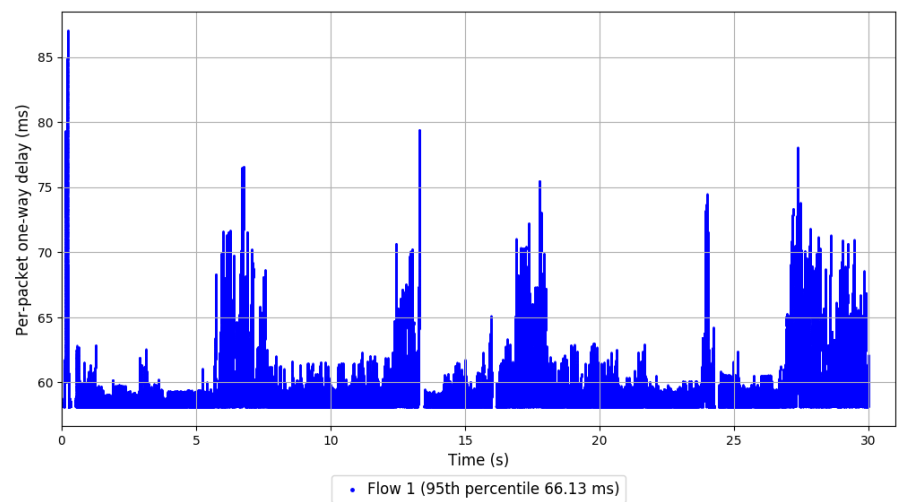
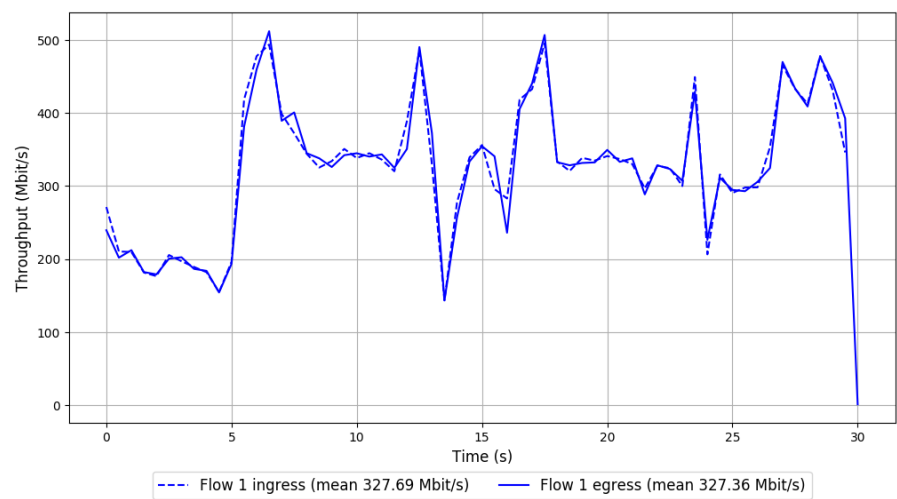
-- Flow 1:

Average throughput: 327.36 Mbit/s

95th percentile per-packet one-way delay: 66.127 ms

Loss rate: 0.10%

Run 4: Report of Verus — Data Link



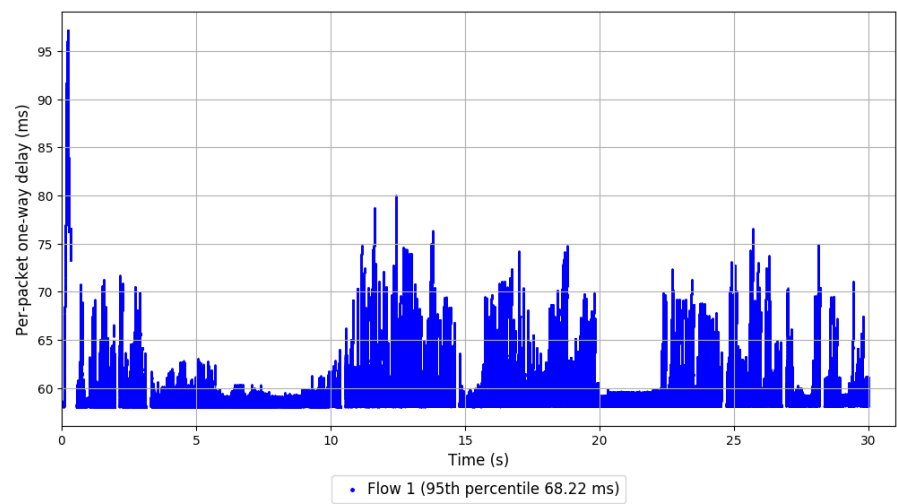
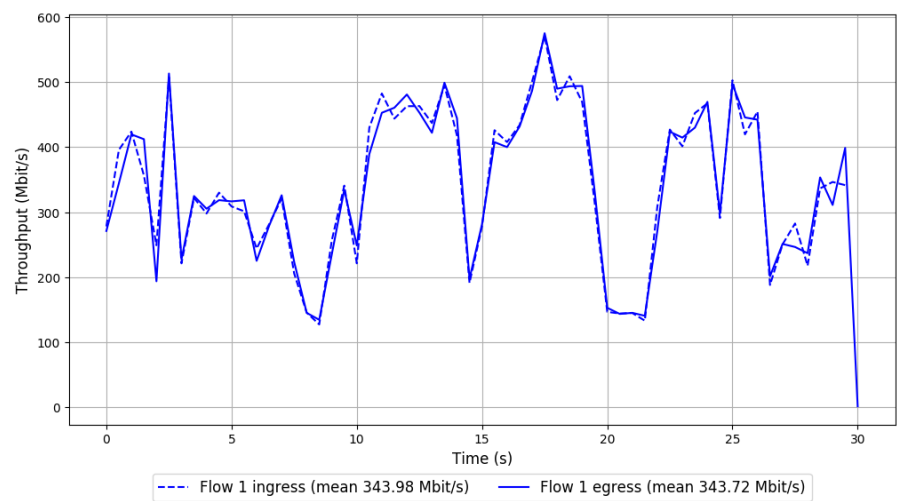
Run 5: Statistics of Verus

Start at: 2017-11-21 03:39:37  
End at: 2017-11-21 03:40:07  
Local clock offset: -1.575 ms  
Remote clock offset: 42.399 ms

# Below is generated by plot.py at 2017-11-21 08:15:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 343.72 Mbit/s  
95th percentile per-packet one-way delay: 68.217 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 343.72 Mbit/s  
95th percentile per-packet one-way delay: 68.217 ms  
Loss rate: 0.07%



Run 5: Report of Verus — Data Link

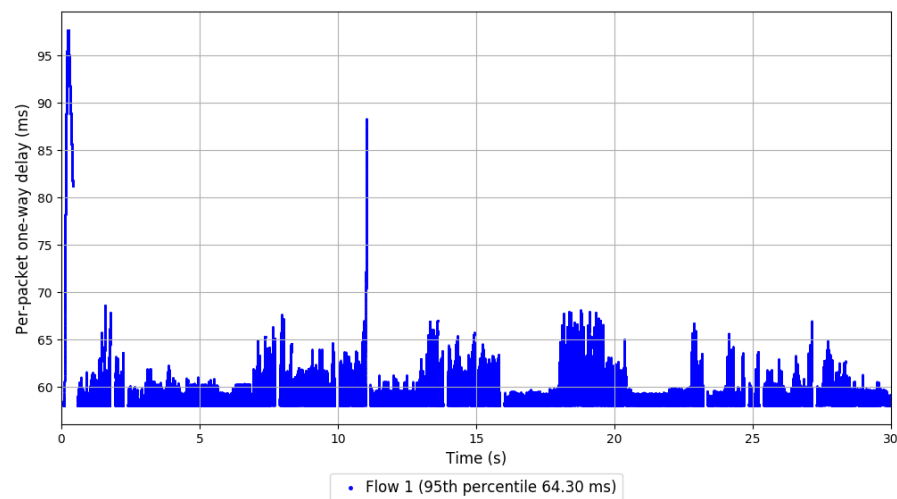
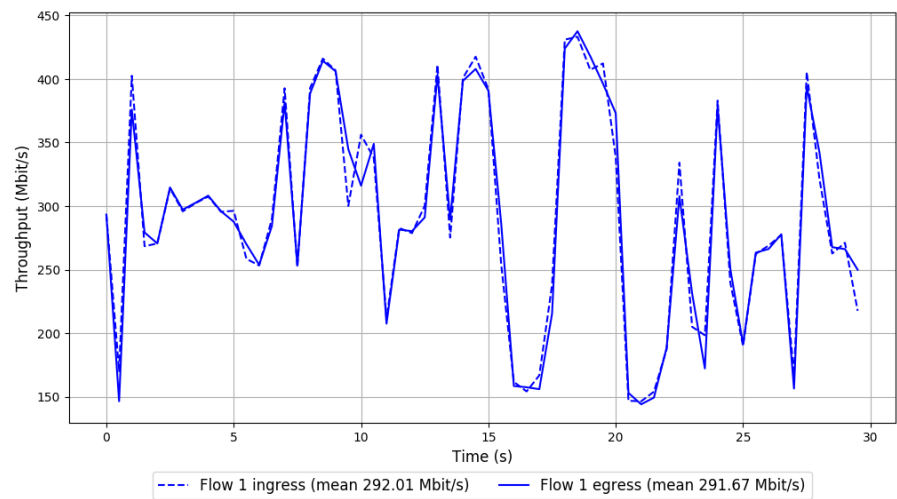


Run 6: Statistics of Verus

Start at: 2017-11-21 03:57:50  
End at: 2017-11-21 03:58:20  
Local clock offset: -1.548 ms  
Remote clock offset: 40.873 ms

# Below is generated by plot.py at 2017-11-21 08:15:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 291.67 Mbit/s  
95th percentile per-packet one-way delay: 64.303 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 291.67 Mbit/s  
95th percentile per-packet one-way delay: 64.303 ms  
Loss rate: 0.12%

Run 6: Report of Verus — Data Link

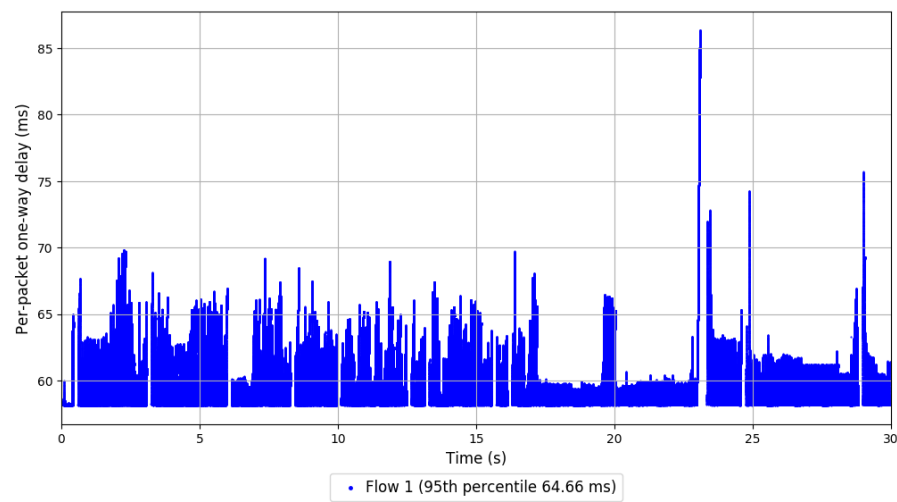
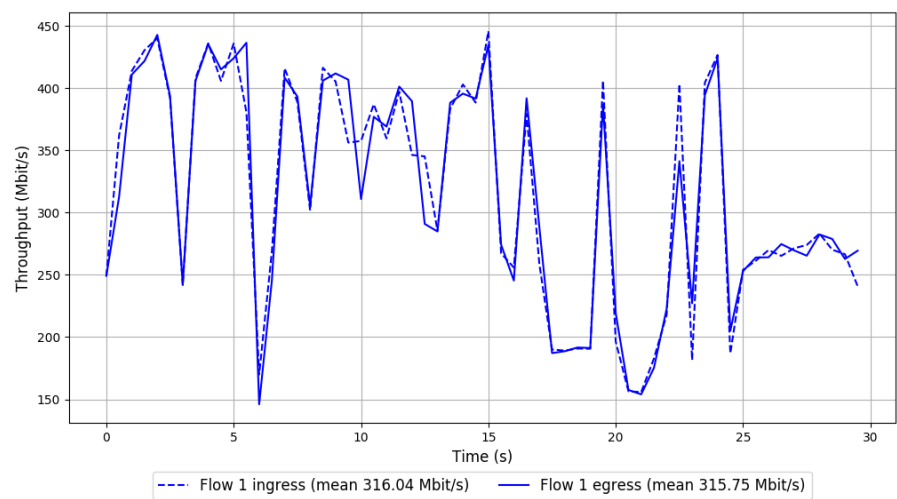


Run 7: Statistics of Verus

Start at: 2017-11-21 04:15:46  
End at: 2017-11-21 04:16:16  
Local clock offset: -1.265 ms  
Remote clock offset: 40.024 ms

# Below is generated by plot.py at 2017-11-21 08:16:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 315.75 Mbit/s  
95th percentile per-packet one-way delay: 64.661 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 315.75 Mbit/s  
95th percentile per-packet one-way delay: 64.661 ms  
Loss rate: 0.09%

Run 7: Report of Verus — Data Link

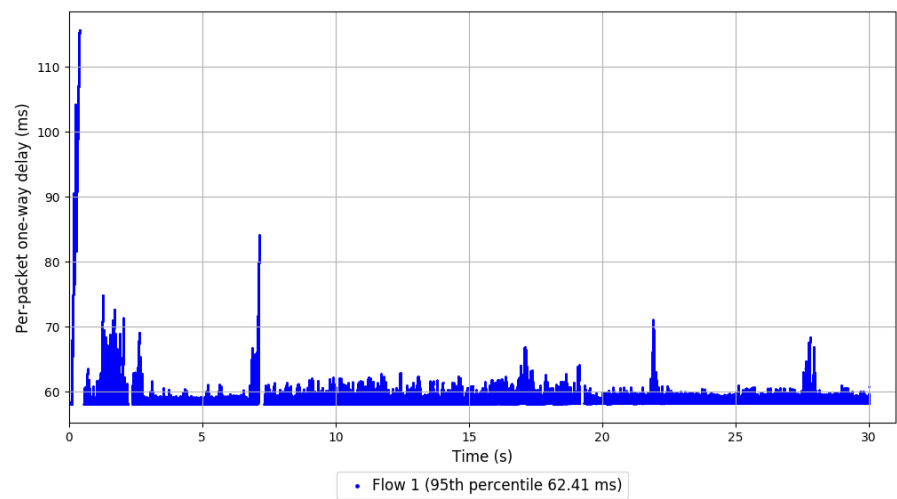
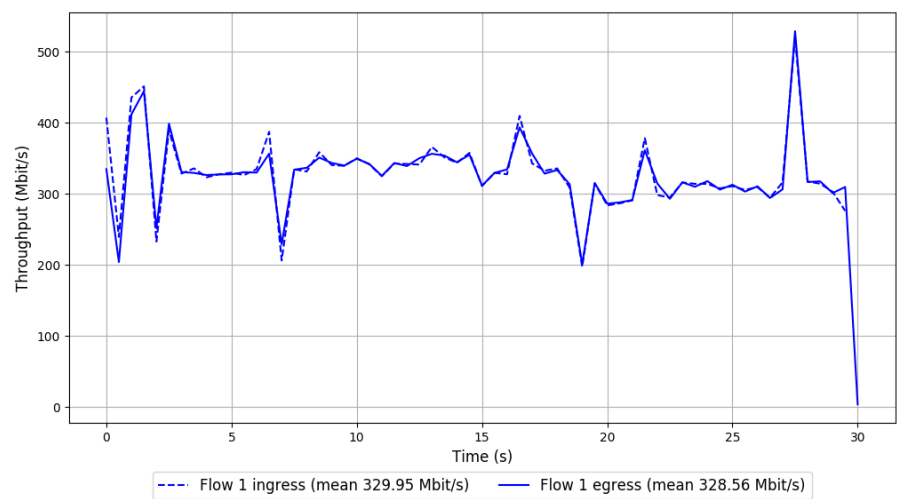


Run 8: Statistics of Verus

Start at: 2017-11-21 04:33:43  
End at: 2017-11-21 04:34:13  
Local clock offset: -0.834 ms  
Remote clock offset: 36.738 ms

# Below is generated by plot.py at 2017-11-21 08:17:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 328.56 Mbit/s  
95th percentile per-packet one-way delay: 62.405 ms  
Loss rate: 0.41%  
-- Flow 1:  
Average throughput: 328.56 Mbit/s  
95th percentile per-packet one-way delay: 62.405 ms  
Loss rate: 0.41%

Run 8: Report of Verus — Data Link



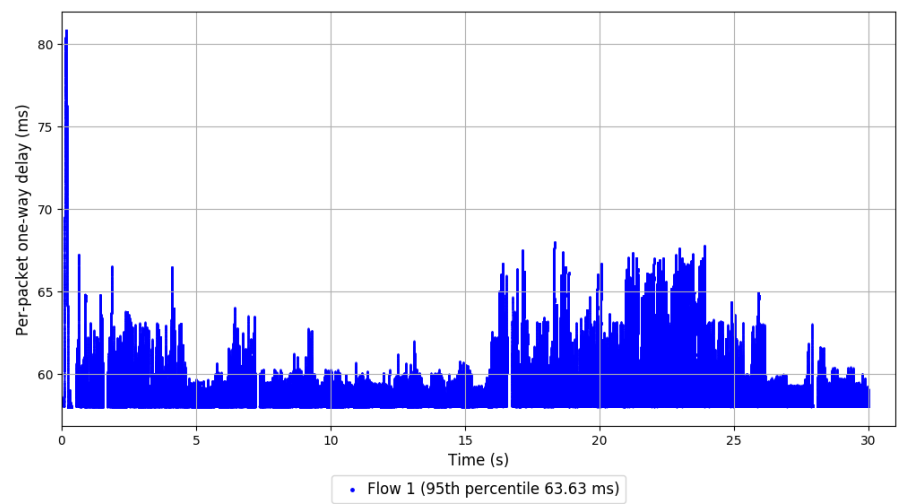
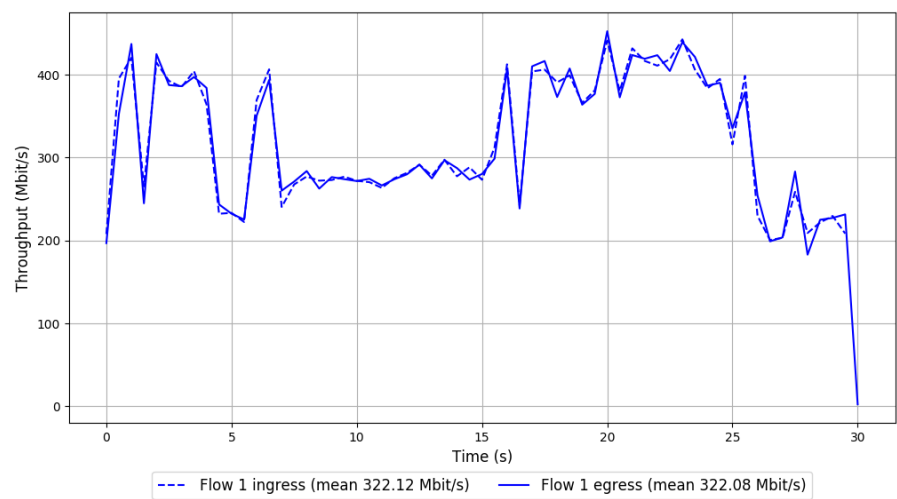
Run 9: Statistics of Verus

Start at: 2017-11-21 04:51:54  
End at: 2017-11-21 04:52:24  
Local clock offset: -0.292 ms  
Remote clock offset: 35.252 ms

# Below is generated by plot.py at 2017-11-21 08:17:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 322.08 Mbit/s  
95th percentile per-packet one-way delay: 63.629 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 322.08 Mbit/s  
95th percentile per-packet one-way delay: 63.629 ms  
Loss rate: 0.01%



Run 9: Report of Verus — Data Link

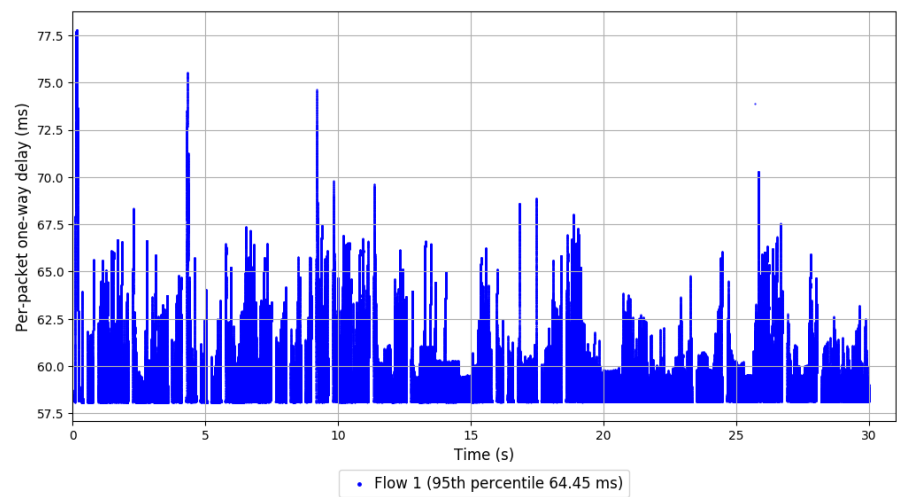
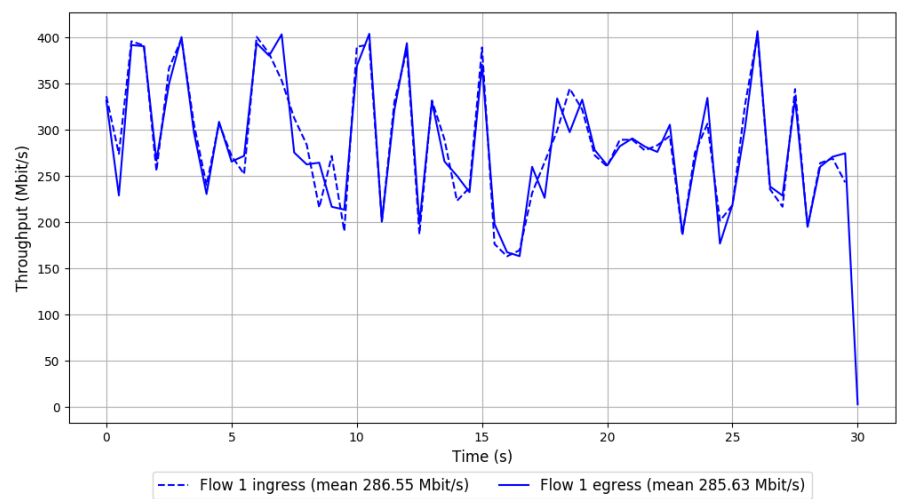


Run 10: Statistics of Verus

Start at: 2017-11-21 05:10:07  
End at: 2017-11-21 05:10:37  
Local clock offset: 0.044 ms  
Remote clock offset: 34.183 ms

# Below is generated by plot.py at 2017-11-21 08:17:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 285.63 Mbit/s  
95th percentile per-packet one-way delay: 64.454 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 285.63 Mbit/s  
95th percentile per-packet one-way delay: 64.454 ms  
Loss rate: 0.32%

Run 10: Report of Verus — Data Link

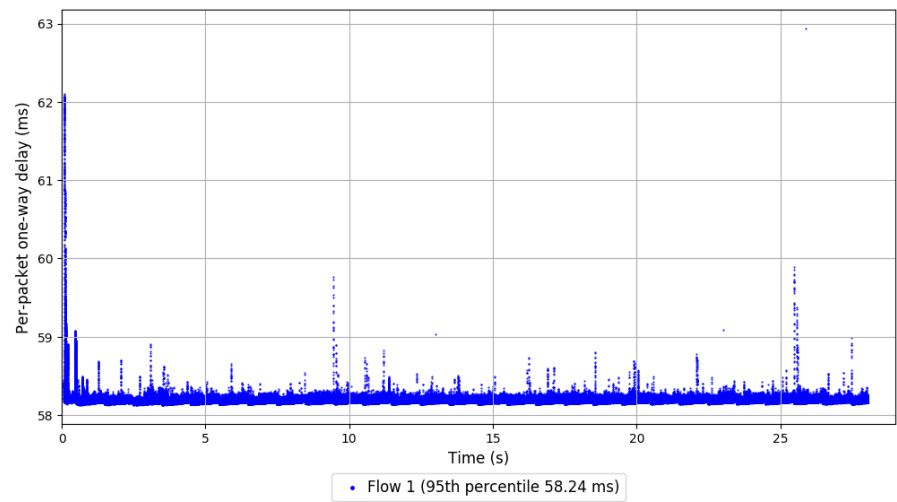
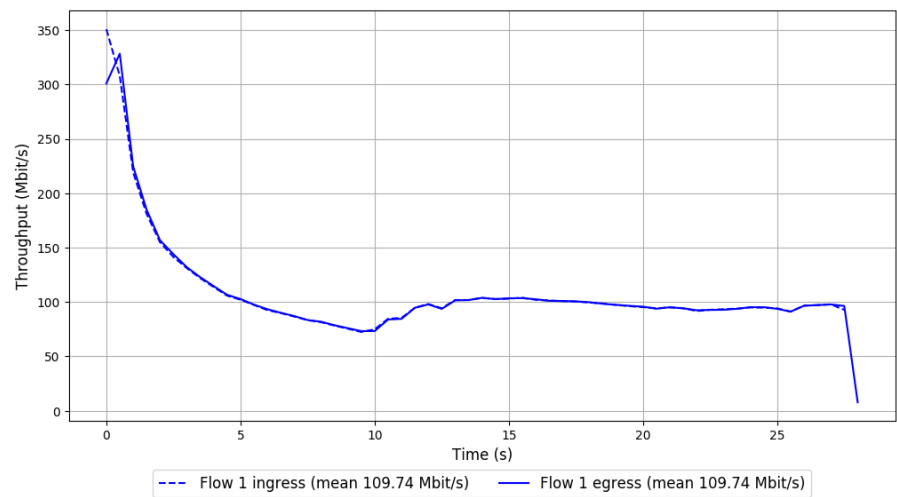


Run 1: Statistics of Copa

Start at: 2017-11-21 02:33:15  
End at: 2017-11-21 02:33:45  
Local clock offset: -1.338 ms  
Remote clock offset: 45.855 ms

# Below is generated by plot.py at 2017-11-21 08:17:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 109.74 Mbit/s  
95th percentile per-packet one-way delay: 58.236 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 109.74 Mbit/s  
95th percentile per-packet one-way delay: 58.236 ms  
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

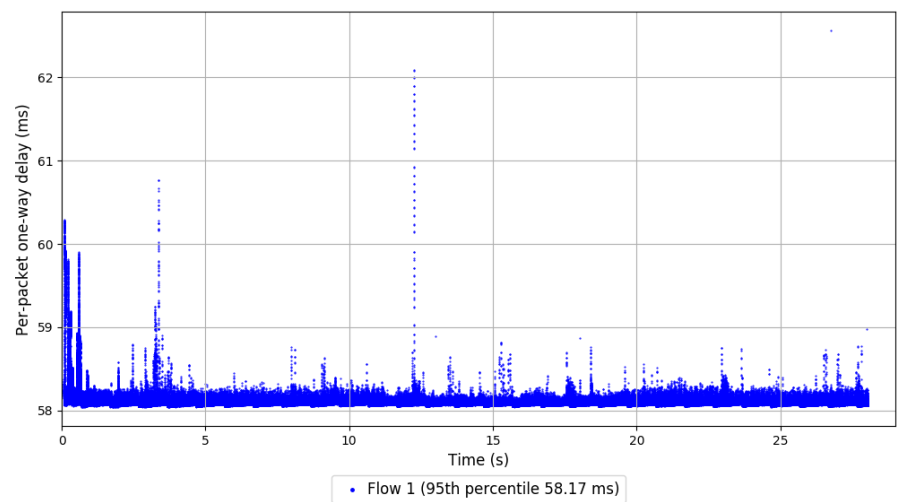
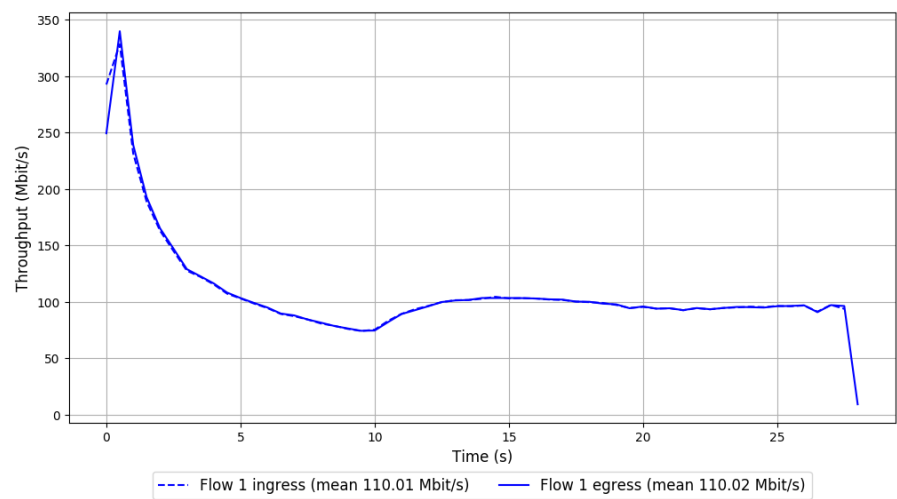


Run 2: Statistics of Copa

Start at: 2017-11-21 02:51:22  
End at: 2017-11-21 02:51:52  
Local clock offset: -1.374 ms  
Remote clock offset: 45.365 ms

# Below is generated by plot.py at 2017-11-21 08:17:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 110.02 Mbit/s  
95th percentile per-packet one-way delay: 58.168 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 110.02 Mbit/s  
95th percentile per-packet one-way delay: 58.168 ms  
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



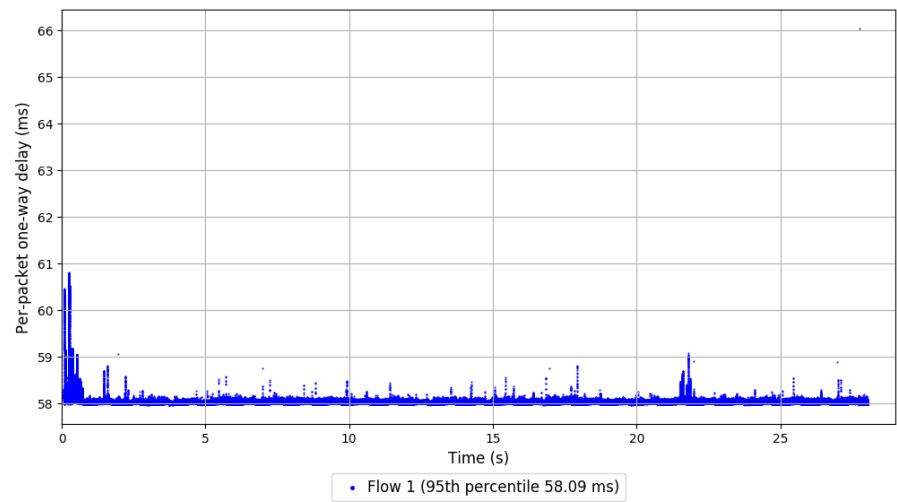
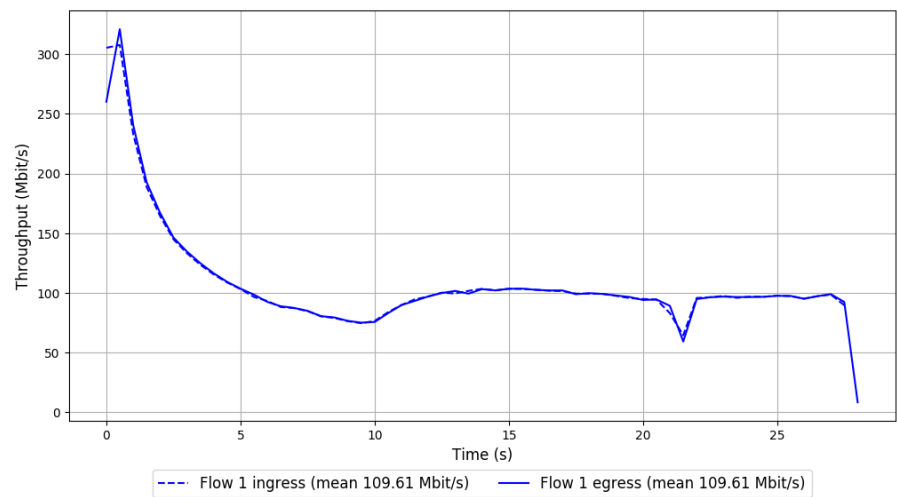
Run 3: Statistics of Copa

Start at: 2017-11-21 03:09:39  
End at: 2017-11-21 03:10:09  
Local clock offset: -1.555 ms  
Remote clock offset: 45.191 ms

# Below is generated by plot.py at 2017-11-21 08:18:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 109.61 Mbit/s  
95th percentile per-packet one-way delay: 58.089 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 109.61 Mbit/s  
95th percentile per-packet one-way delay: 58.089 ms  
Loss rate: 0.00%



Run 3: Report of Copa — Data Link

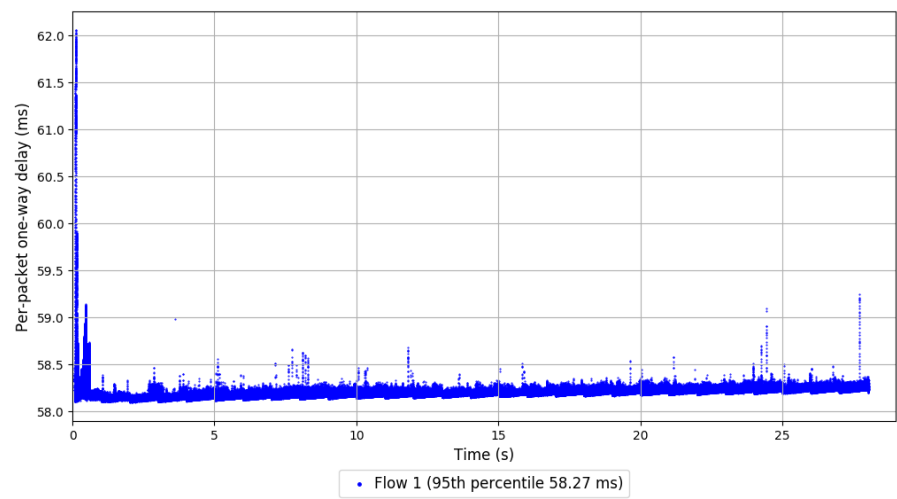
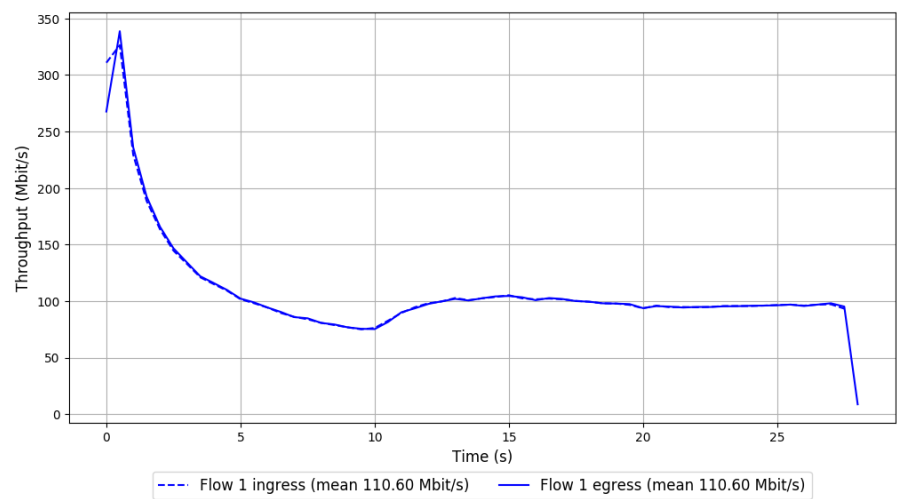


Run 4: Statistics of Copa

Start at: 2017-11-21 03:27:52  
End at: 2017-11-21 03:28:22  
Local clock offset: -1.726 ms  
Remote clock offset: 44.839 ms

# Below is generated by plot.py at 2017-11-21 08:18:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 110.60 Mbit/s  
95th percentile per-packet one-way delay: 58.268 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 110.60 Mbit/s  
95th percentile per-packet one-way delay: 58.268 ms  
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

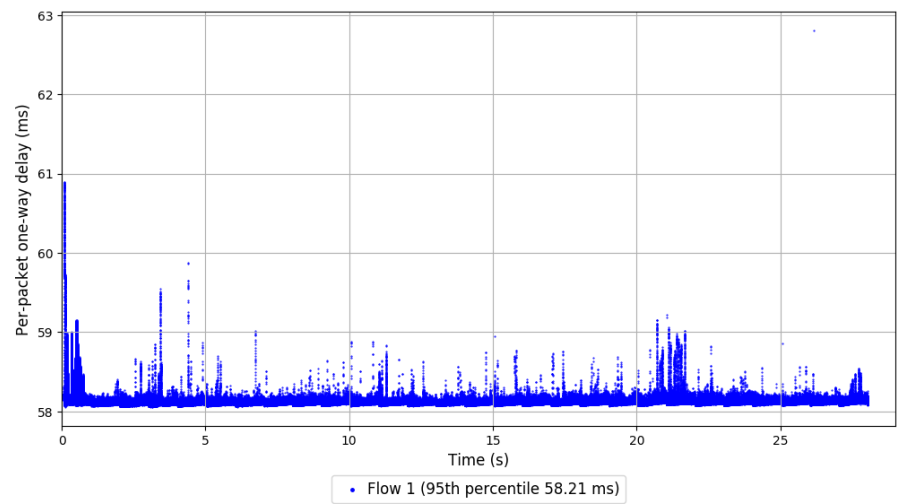
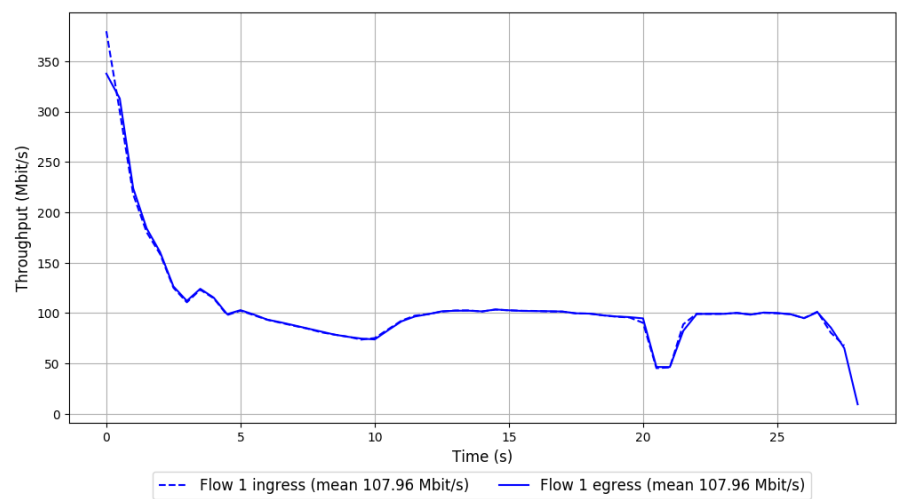


Run 5: Statistics of Copa

Start at: 2017-11-21 03:45:56  
End at: 2017-11-21 03:46:26  
Local clock offset: -1.561 ms  
Remote clock offset: 41.413 ms

# Below is generated by plot.py at 2017-11-21 08:19:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 107.96 Mbit/s  
95th percentile per-packet one-way delay: 58.208 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 107.96 Mbit/s  
95th percentile per-packet one-way delay: 58.208 ms  
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

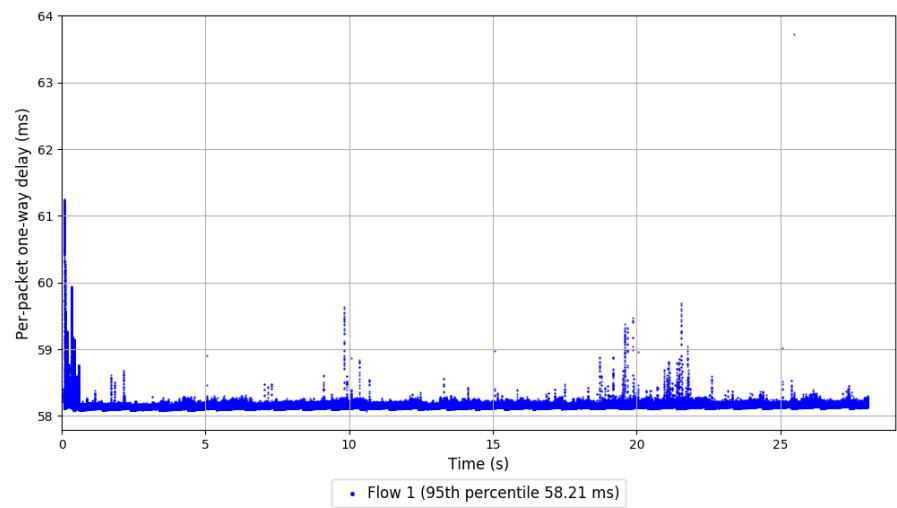
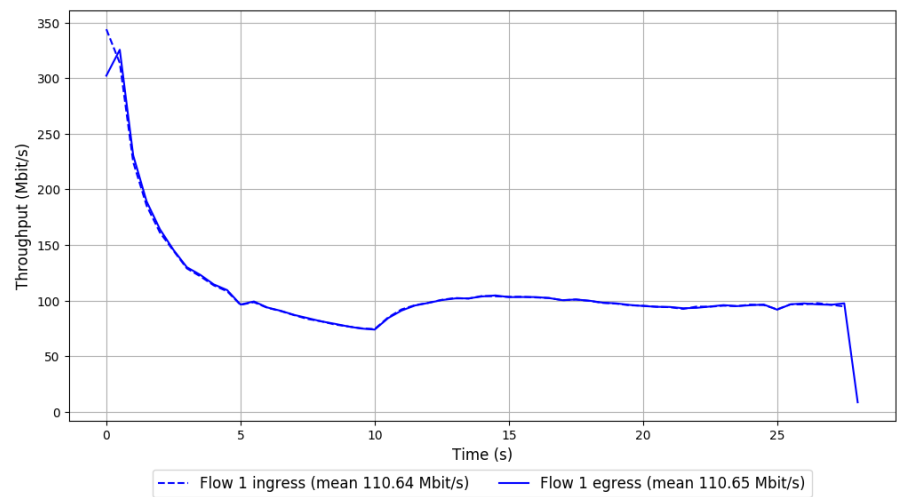


Run 6: Statistics of Copa

Start at: 2017-11-21 04:04:06  
End at: 2017-11-21 04:04:36  
Local clock offset: -1.367 ms  
Remote clock offset: 40.677 ms

# Below is generated by plot.py at 2017-11-21 08:19:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 110.65 Mbit/s  
95th percentile per-packet one-way delay: 58.207 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 110.65 Mbit/s  
95th percentile per-packet one-way delay: 58.207 ms  
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



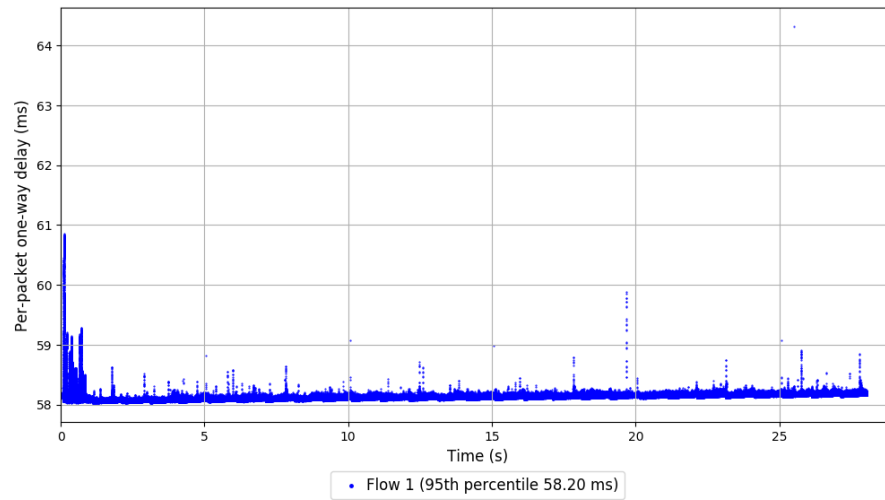
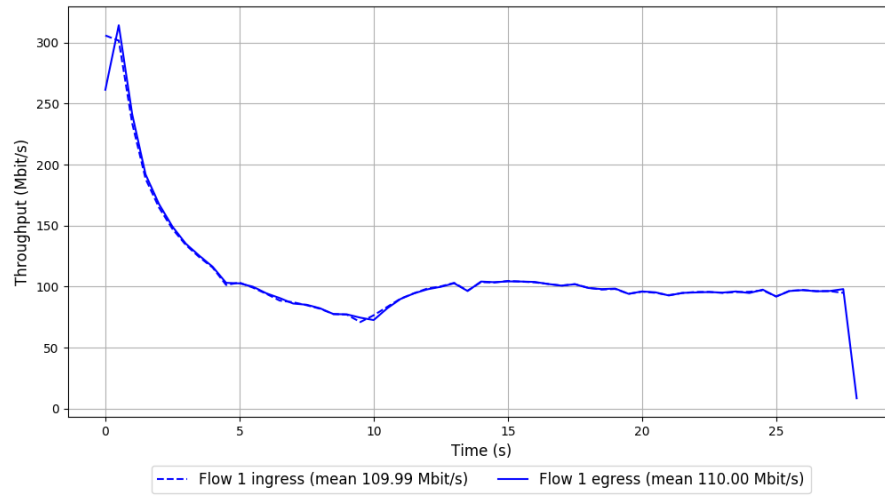
Run 7: Statistics of Copa

Start at: 2017-11-21 04:22:07  
End at: 2017-11-21 04:22:37  
Local clock offset: -1.073 ms  
Remote clock offset: 39.306 ms

# Below is generated by plot.py at 2017-11-21 08:20:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 110.00 Mbit/s  
95th percentile per-packet one-way delay: 58.196 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 110.00 Mbit/s  
95th percentile per-packet one-way delay: 58.196 ms  
Loss rate: 0.00%



## Run 7: Report of Copa — Data Link

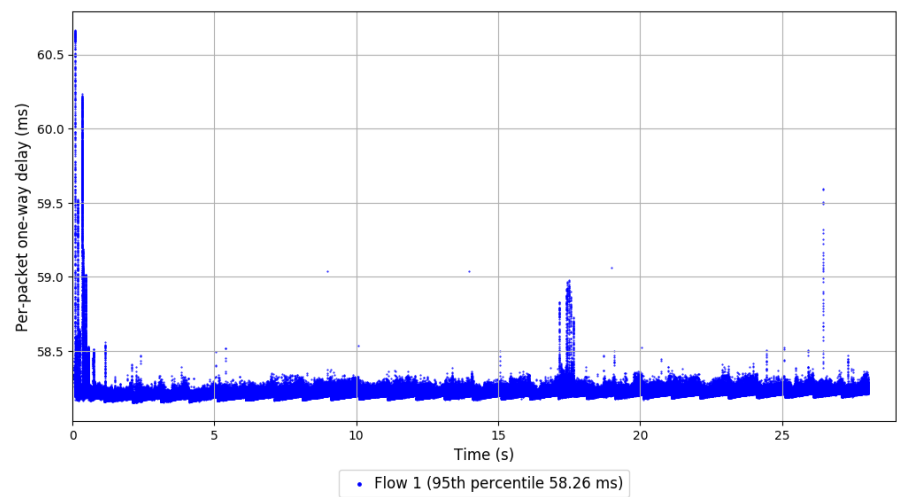
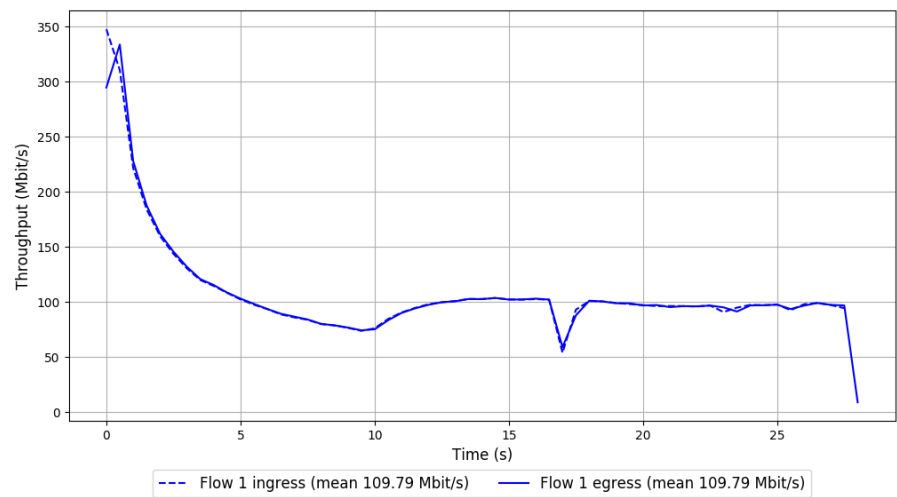


Run 8: Statistics of Copa

Start at: 2017-11-21 04:40:05  
End at: 2017-11-21 04:40:35  
Local clock offset: -0.681 ms  
Remote clock offset: 35.889 ms

# Below is generated by plot.py at 2017-11-21 08:20:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 109.79 Mbit/s  
95th percentile per-packet one-way delay: 58.264 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 109.79 Mbit/s  
95th percentile per-packet one-way delay: 58.264 ms  
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

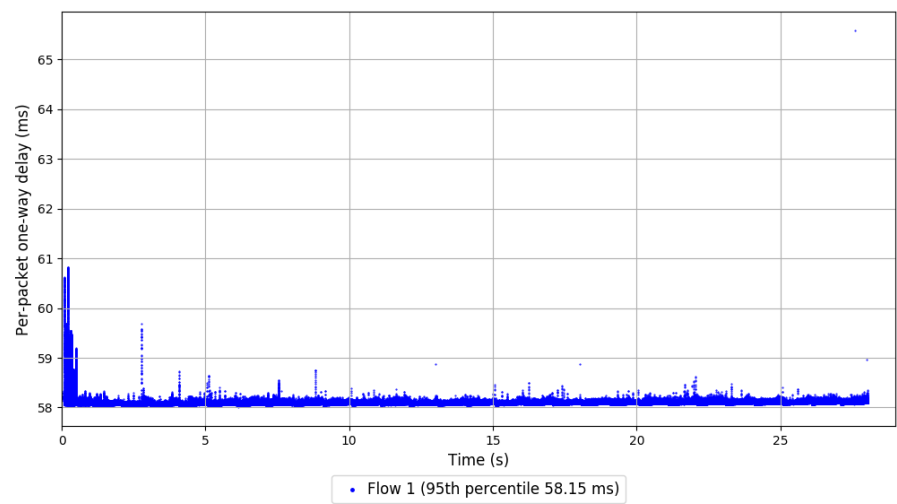
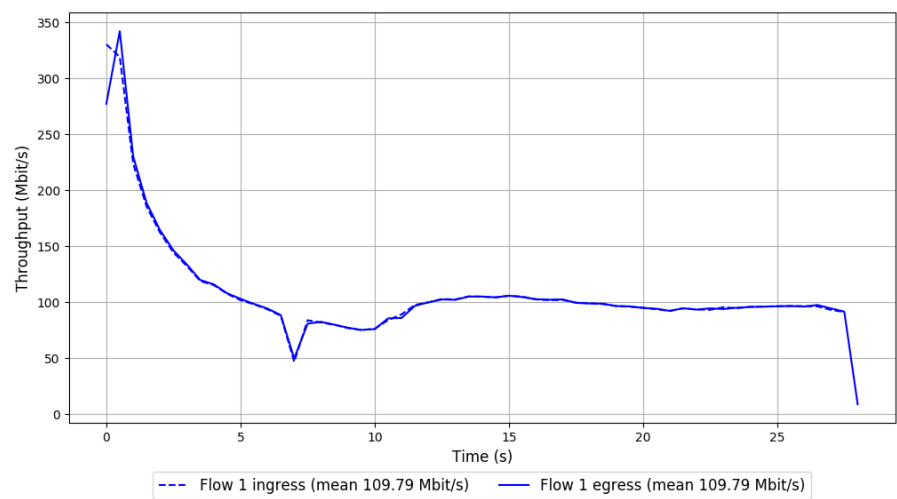


Run 9: Statistics of Copa

Start at: 2017-11-21 04:58:12  
End at: 2017-11-21 04:58:42  
Local clock offset: -0.183 ms  
Remote clock offset: 34.918 ms

# Below is generated by plot.py at 2017-11-21 08:20:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 109.79 Mbit/s  
95th percentile per-packet one-way delay: 58.147 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 109.79 Mbit/s  
95th percentile per-packet one-way delay: 58.147 ms  
Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-11-21 05:16:22

End at: 2017-11-21 05:16:52

Local clock offset: 0.072 ms

Remote clock offset: 33.556 ms

# Below is generated by plot.py at 2017-11-21 08:20:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 110.04 Mbit/s

95th percentile per-packet one-way delay: 58.349 ms

Loss rate: 0.00%

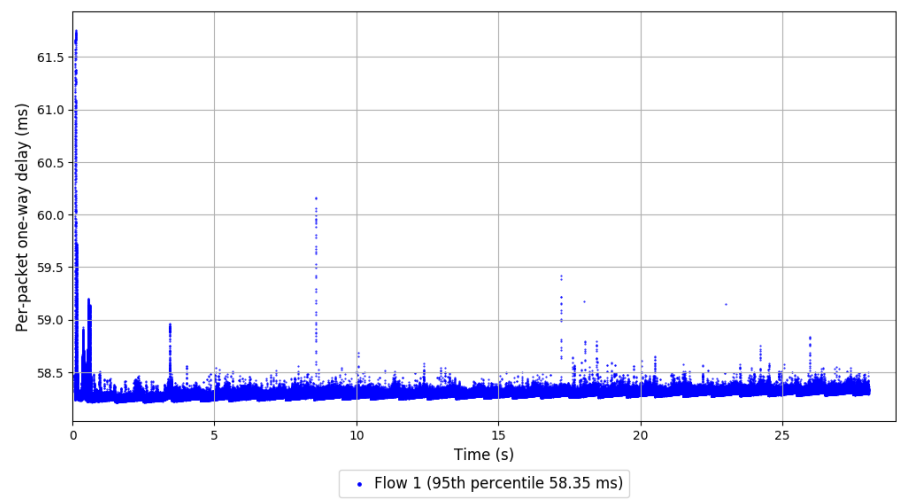
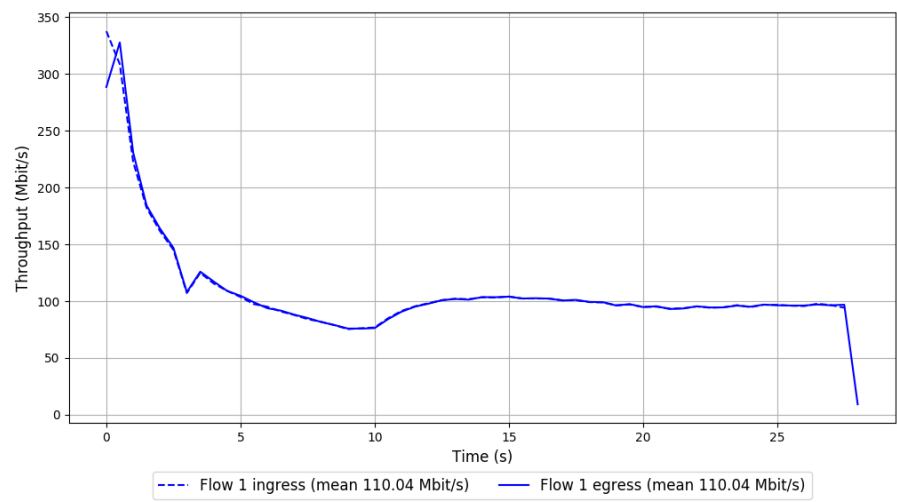
-- Flow 1:

Average throughput: 110.04 Mbit/s

95th percentile per-packet one-way delay: 58.349 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link



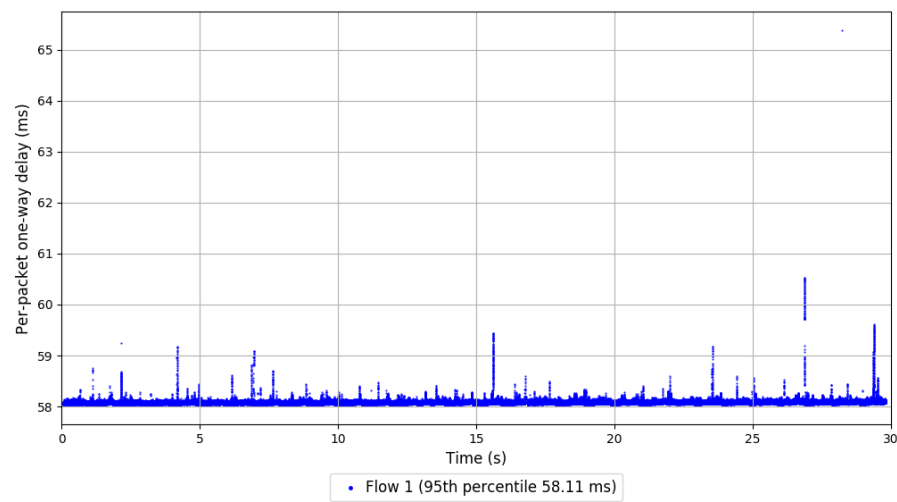
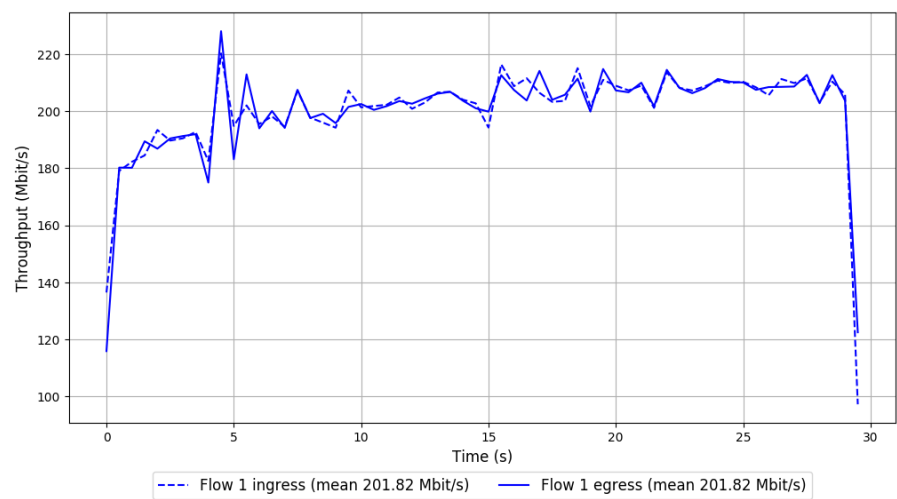
```
Run 1: Statistics of Indigo

Start at: 2017-11-21 02:34:26
End at: 2017-11-21 02:34:56
Local clock offset: -1.273 ms
Remote clock offset: 45.77 ms

# Below is generated by plot.py at 2017-11-21 08:21:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.82 Mbit/s
95th percentile per-packet one-way delay: 58.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 201.82 Mbit/s
95th percentile per-packet one-way delay: 58.106 ms
Loss rate: 0.00%
```



Run 1: Report of Indigo — Data Link

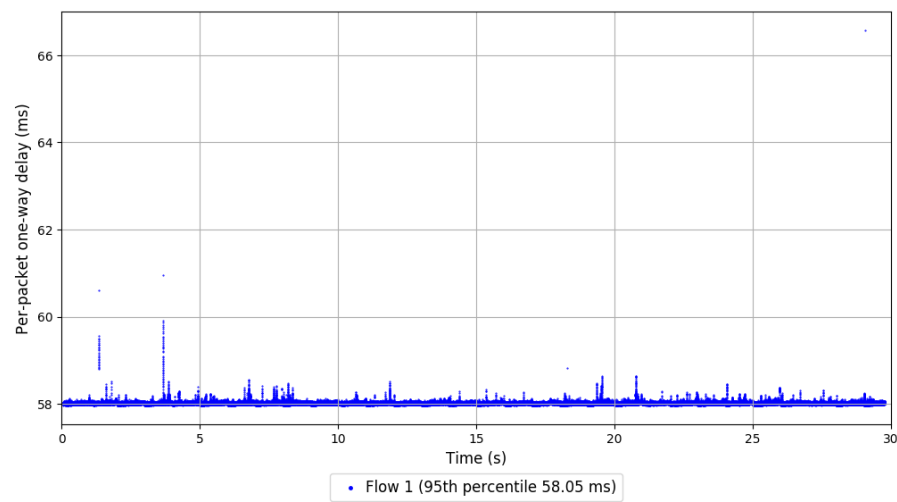
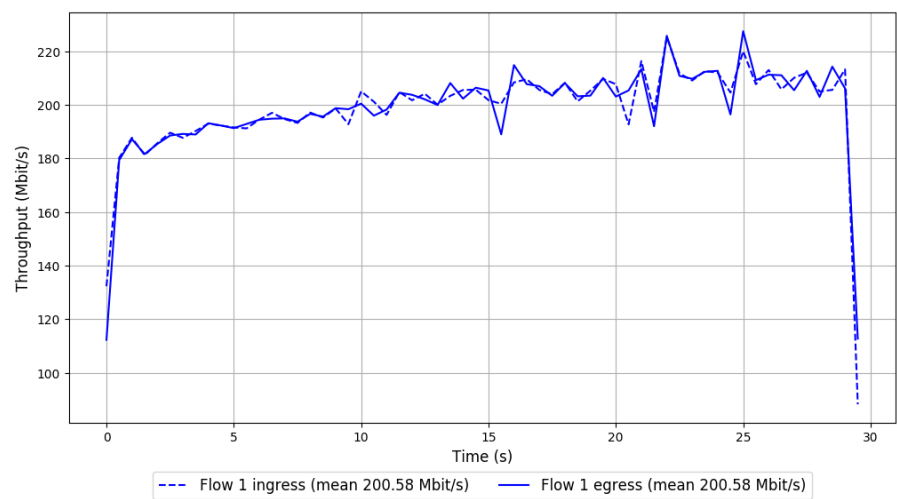


Run 2: Statistics of Indigo

Start at: 2017-11-21 02:52:33  
End at: 2017-11-21 02:53:03  
Local clock offset: -1.383 ms  
Remote clock offset: 45.284 ms

# Below is generated by plot.py at 2017-11-21 08:21:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 200.58 Mbit/s  
95th percentile per-packet one-way delay: 58.047 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 200.58 Mbit/s  
95th percentile per-packet one-way delay: 58.047 ms  
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

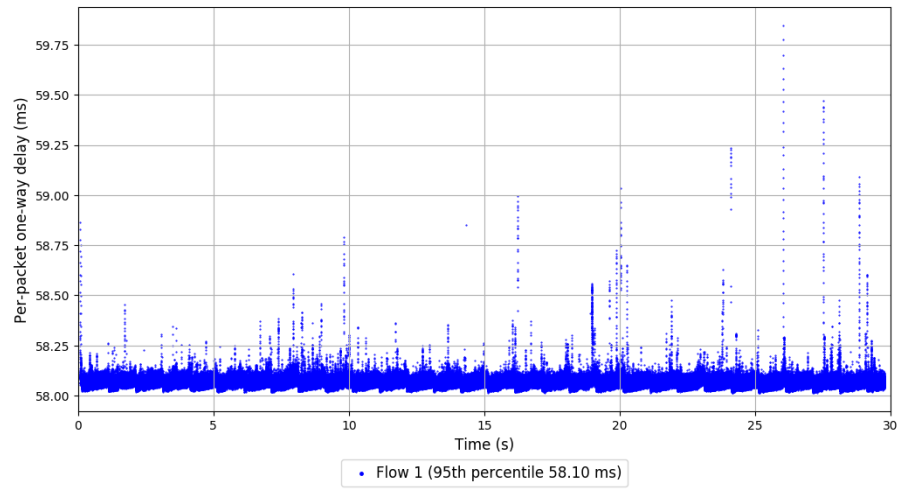
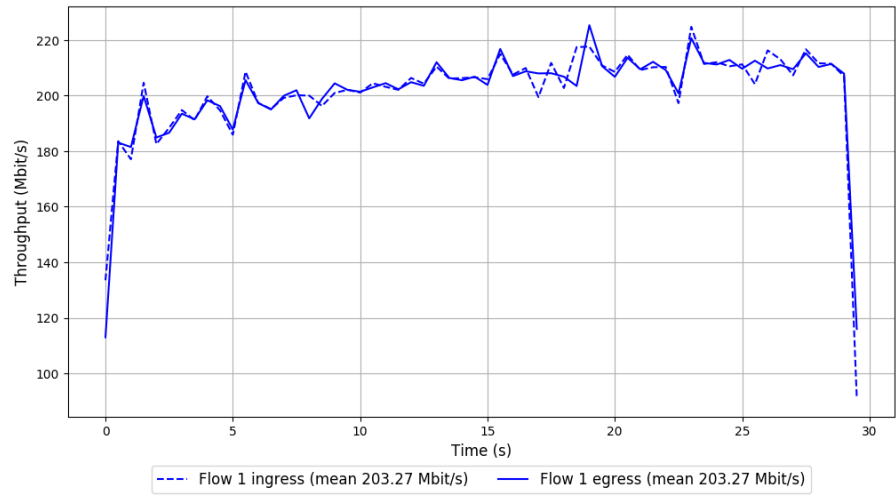


Run 3: Statistics of Indigo

Start at: 2017-11-21 03:10:50  
End at: 2017-11-21 03:11:20  
Local clock offset: -1.601 ms  
Remote clock offset: 45.188 ms

# Below is generated by plot.py at 2017-11-21 08:22:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 203.27 Mbit/s  
95th percentile per-packet one-way delay: 58.101 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 203.27 Mbit/s  
95th percentile per-packet one-way delay: 58.101 ms  
Loss rate: 0.00%

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

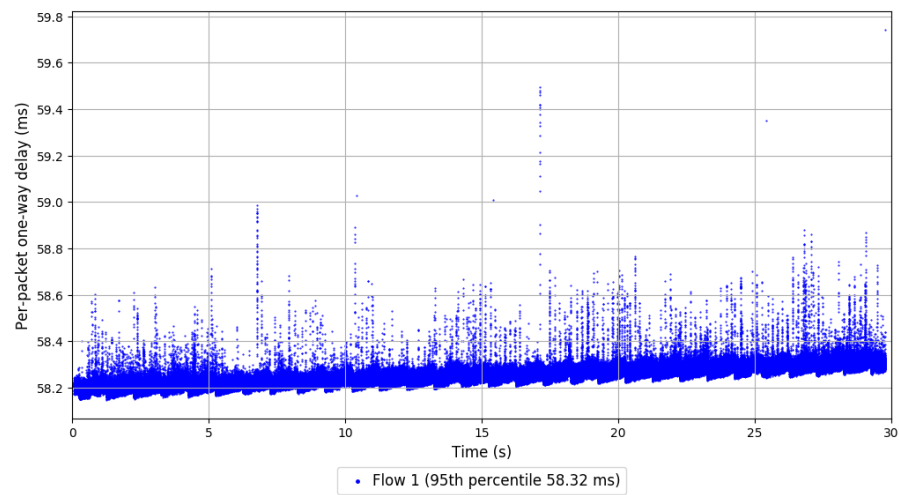
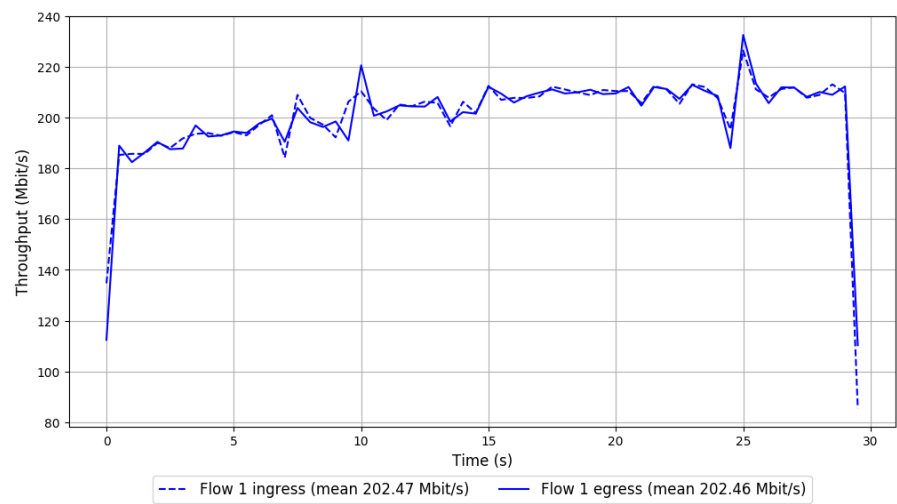


Run 4: Statistics of Indigo

Start at: 2017-11-21 03:29:04  
End at: 2017-11-21 03:29:34  
Local clock offset: -1.722 ms  
Remote clock offset: 44.618 ms

# Below is generated by plot.py at 2017-11-21 08:22:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 202.46 Mbit/s  
95th percentile per-packet one-way delay: 58.318 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 202.46 Mbit/s  
95th percentile per-packet one-way delay: 58.318 ms  
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



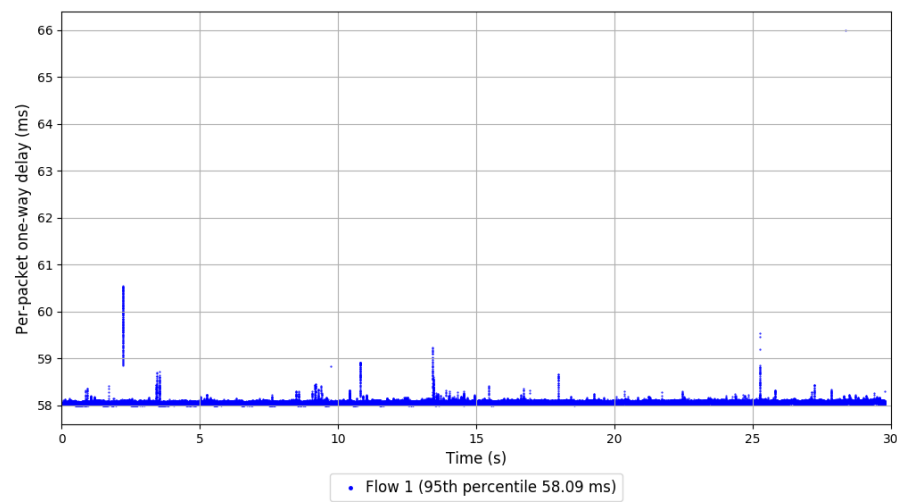
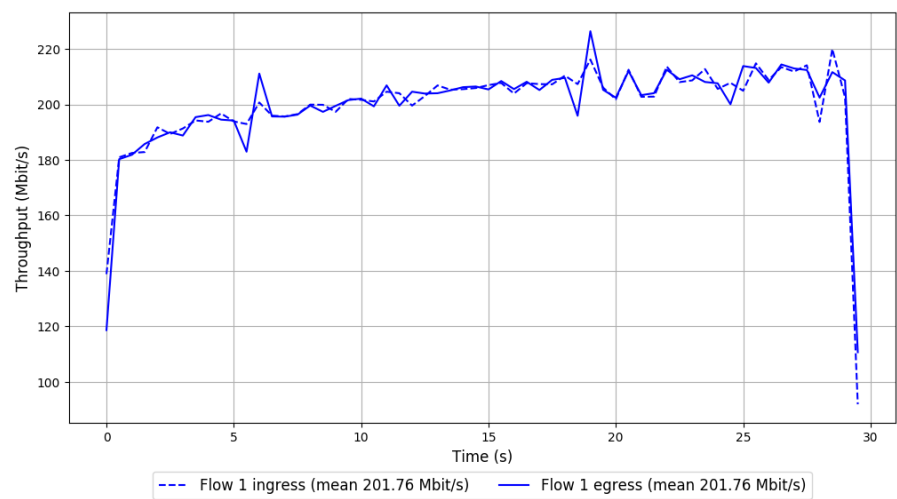
Run 5: Statistics of Indigo

Start at: 2017-11-21 03:47:08  
End at: 2017-11-21 03:47:38  
Local clock offset: -1.551 ms  
Remote clock offset: 41.312 ms

# Below is generated by plot.py at 2017-11-21 08:23:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 201.76 Mbit/s  
95th percentile per-packet one-way delay: 58.085 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 201.76 Mbit/s  
95th percentile per-packet one-way delay: 58.085 ms  
Loss rate: 0.00%



Run 5: Report of Indigo — Data Link

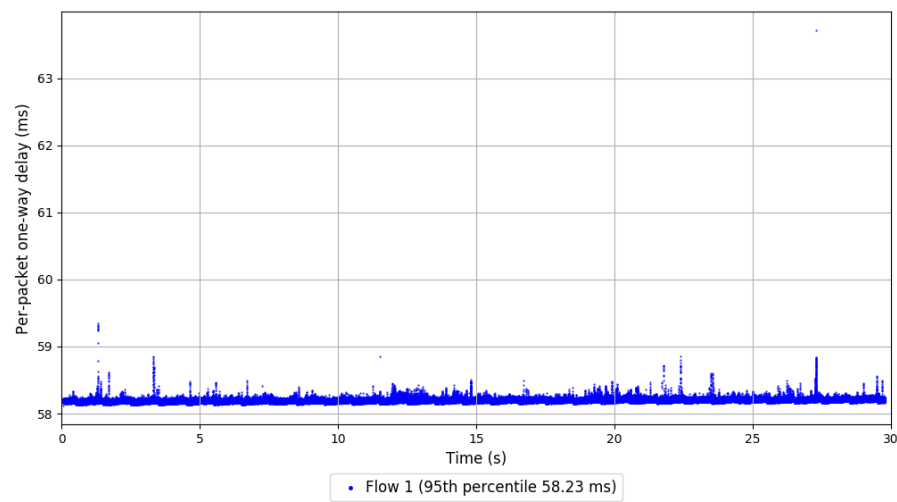
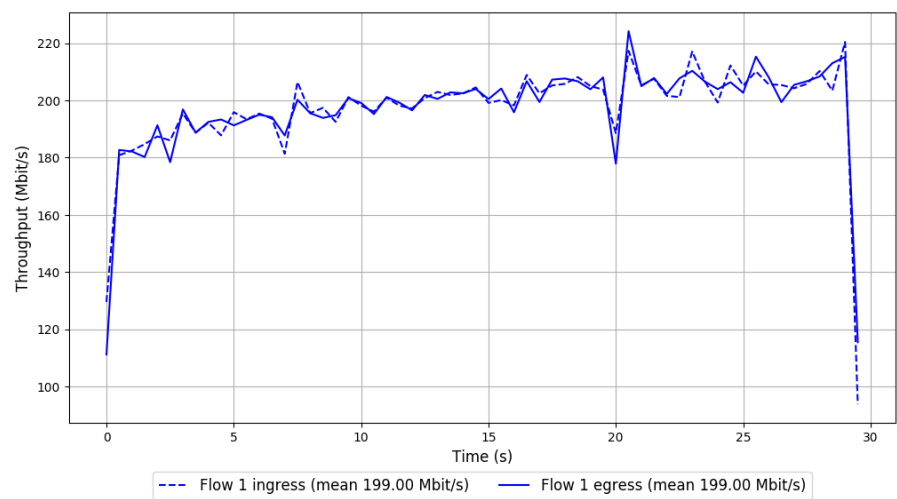


Run 6: Statistics of Indigo

Start at: 2017-11-21 04:05:18  
End at: 2017-11-21 04:05:48  
Local clock offset: -1.408 ms  
Remote clock offset: 40.606 ms

# Below is generated by plot.py at 2017-11-21 08:23:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 199.00 Mbit/s  
95th percentile per-packet one-way delay: 58.225 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 199.00 Mbit/s  
95th percentile per-packet one-way delay: 58.225 ms  
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

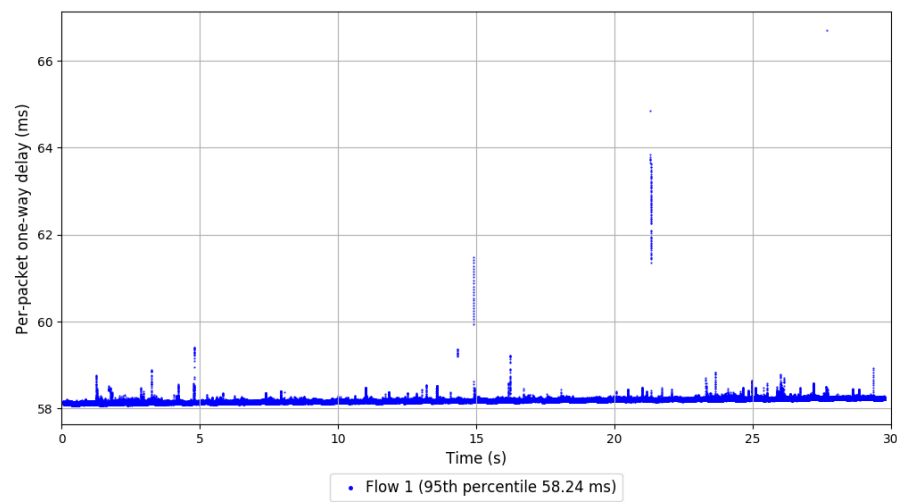
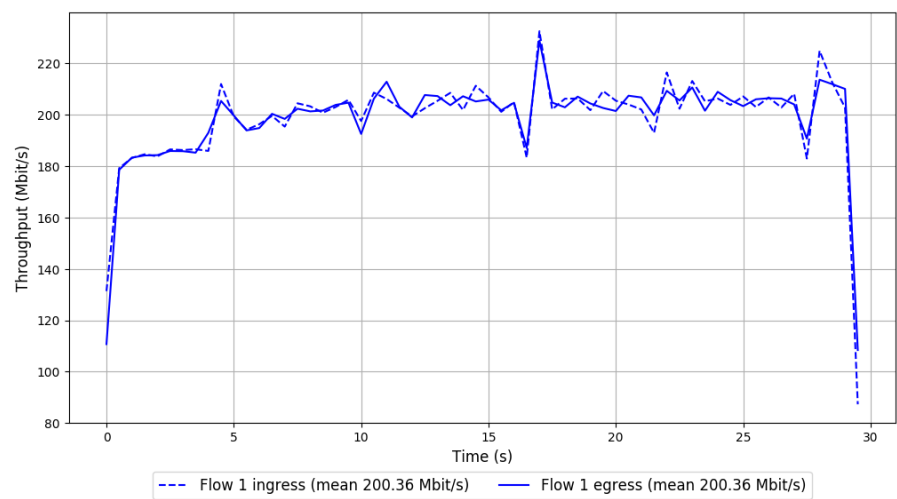


Run 7: Statistics of Indigo

Start at: 2017-11-21 04:23:19  
End at: 2017-11-21 04:23:49  
Local clock offset: -1.058 ms  
Remote clock offset: 39.068 ms

# Below is generated by plot.py at 2017-11-21 08:23:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 200.36 Mbit/s  
95th percentile per-packet one-way delay: 58.236 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 200.36 Mbit/s  
95th percentile per-packet one-way delay: 58.236 ms  
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

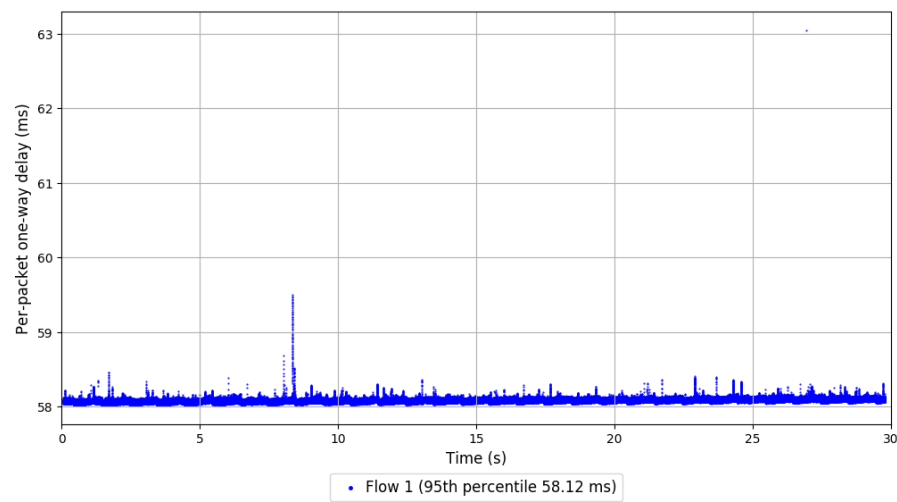
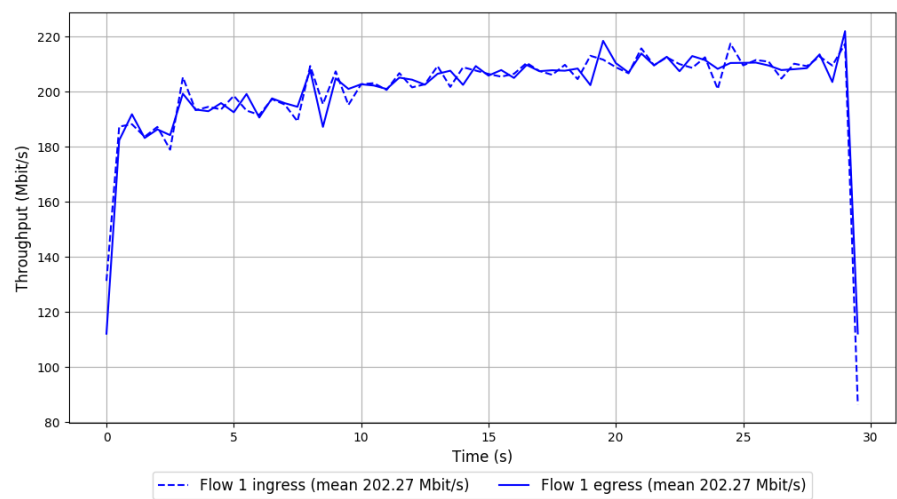


Run 8: Statistics of Indigo

Start at: 2017-11-21 04:41:16  
End at: 2017-11-21 04:41:46  
Local clock offset: -0.579 ms  
Remote clock offset: 35.768 ms

# Below is generated by plot.py at 2017-11-21 08:23:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 202.27 Mbit/s  
95th percentile per-packet one-way delay: 58.117 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 202.27 Mbit/s  
95th percentile per-packet one-way delay: 58.117 ms  
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link



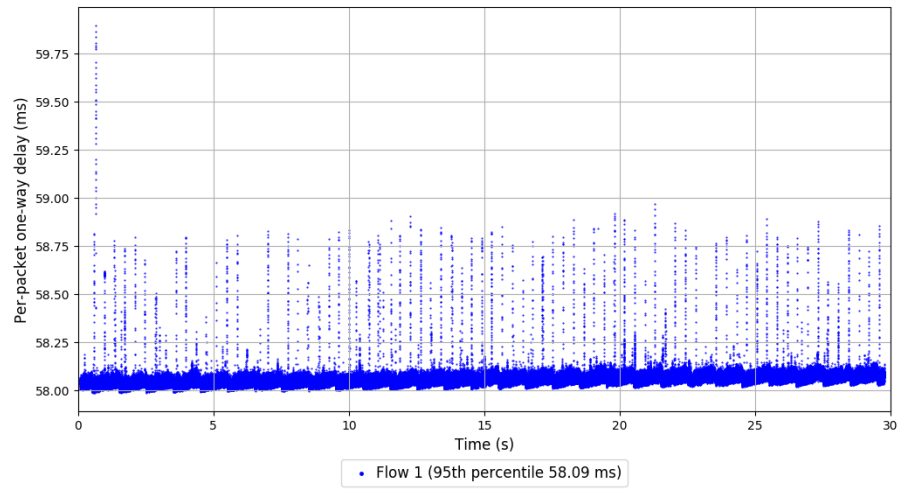
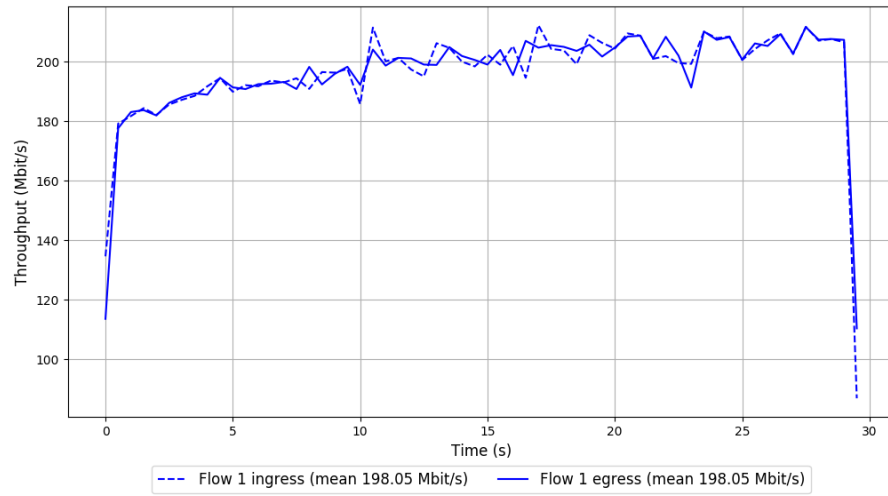
Run 9: Statistics of Indigo

Start at: 2017-11-21 04:59:23  
End at: 2017-11-21 04:59:53  
Local clock offset: -0.141 ms  
Remote clock offset: 34.826 ms

# Below is generated by plot.py at 2017-11-21 08:24:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 198.05 Mbit/s  
95th percentile per-packet one-way delay: 58.093 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 198.05 Mbit/s  
95th percentile per-packet one-way delay: 58.093 ms  
Loss rate: 0.00%



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



Run 10: Statistics of Indigo

Start at: 2017-11-21 05:17:34

End at: 2017-11-21 05:18:04

Local clock offset: 0.106 ms

Remote clock offset: 33.353 ms

# Below is generated by plot.py at 2017-11-21 08:24:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 198.41 Mbit/s

95th percentile per-packet one-way delay: 58.273 ms

Loss rate: 0.00%

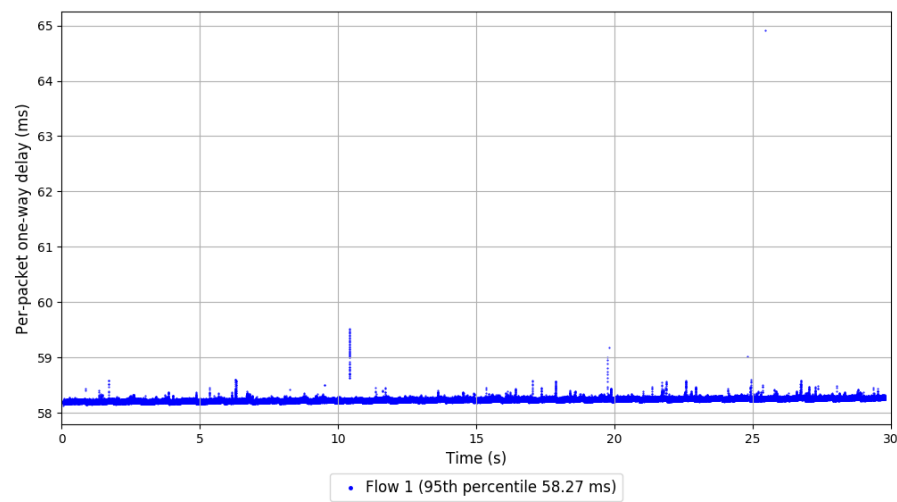
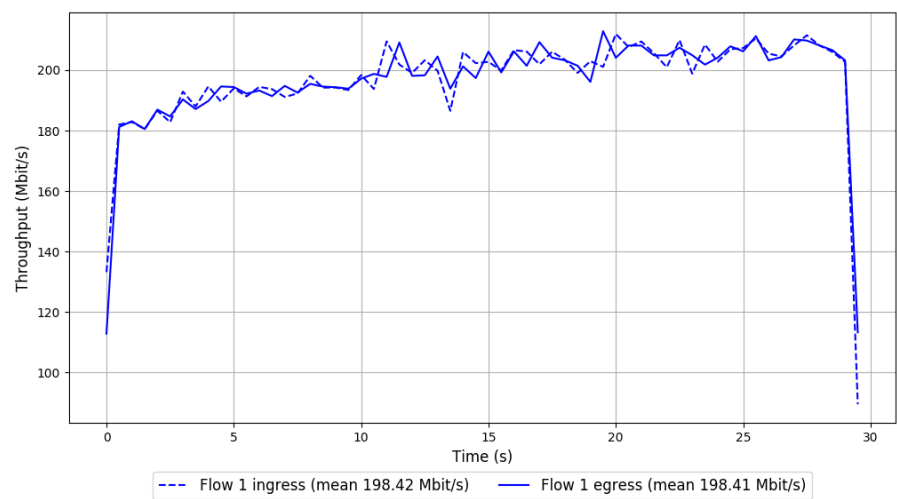
-- Flow 1:

Average throughput: 198.41 Mbit/s

95th percentile per-packet one-way delay: 58.273 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

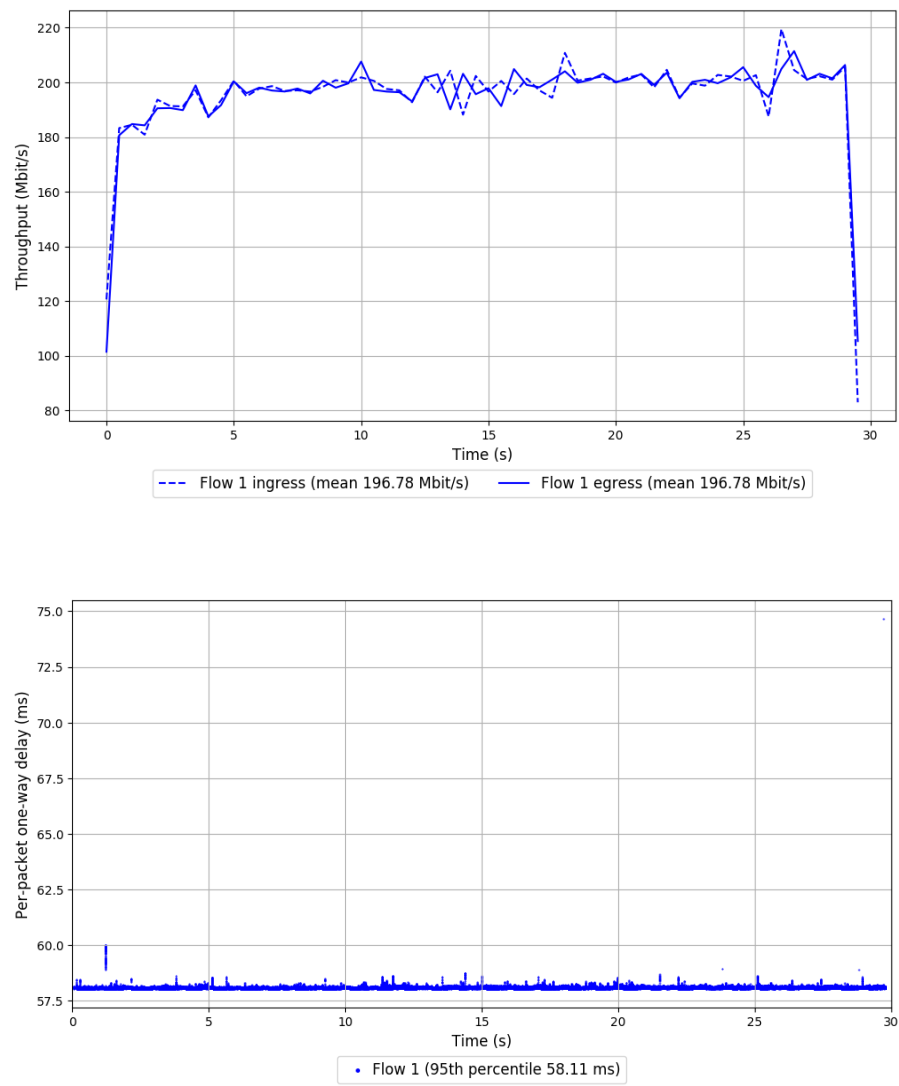


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-21 02:29:21
End at: 2017-11-21 02:29:51
Local clock offset: -1.266 ms
Remote clock offset: 45.876 ms

# Below is generated by plot.py at 2017-11-21 08:25:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 196.78 Mbit/s
95th percentile per-packet one-way delay: 58.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.78 Mbit/s
95th percentile per-packet one-way delay: 58.111 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-calib — Data Link

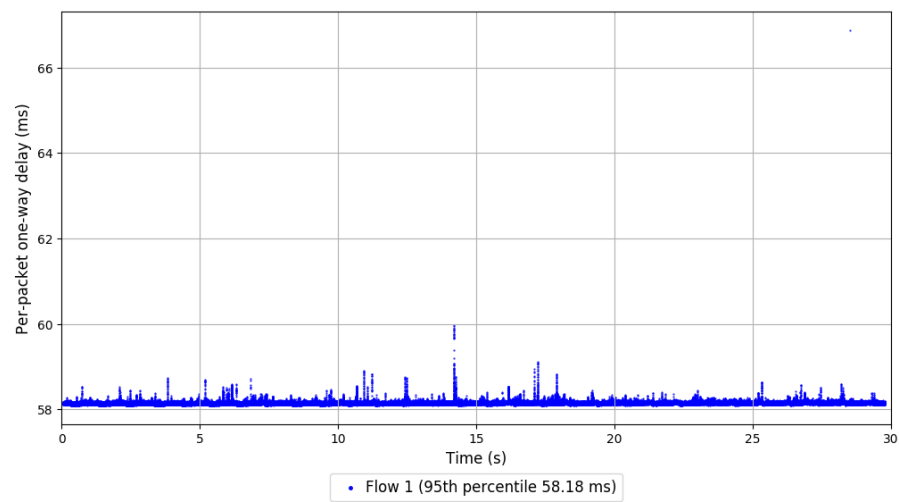
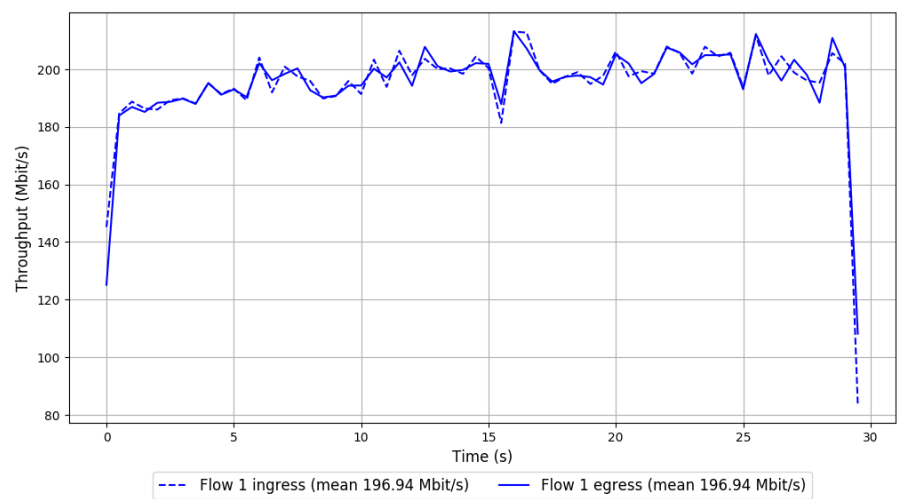


```
Run 2: Statistics of Indigo-calib

Start at: 2017-11-21 02:47:30
End at: 2017-11-21 02:48:00
Local clock offset: -1.377 ms
Remote clock offset: 45.481 ms

# Below is generated by plot.py at 2017-11-21 08:25:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 196.94 Mbit/s
95th percentile per-packet one-way delay: 58.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.94 Mbit/s
95th percentile per-packet one-way delay: 58.180 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-calib — Data Link



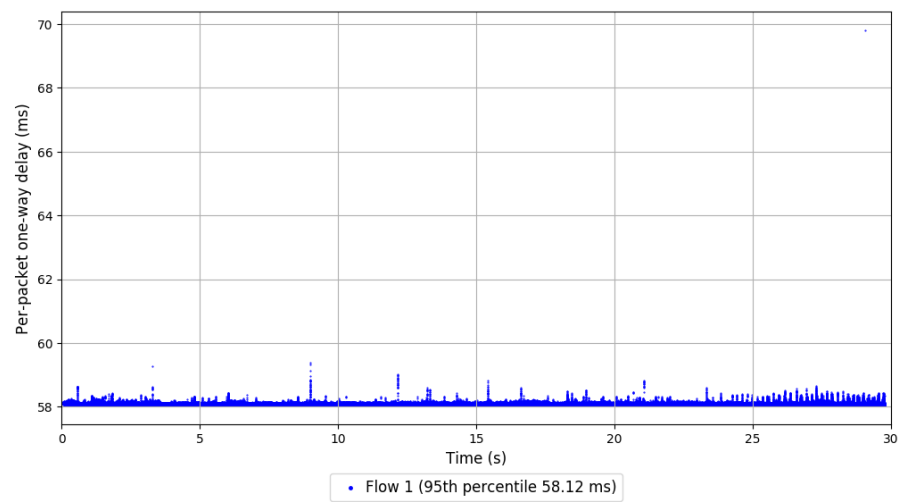
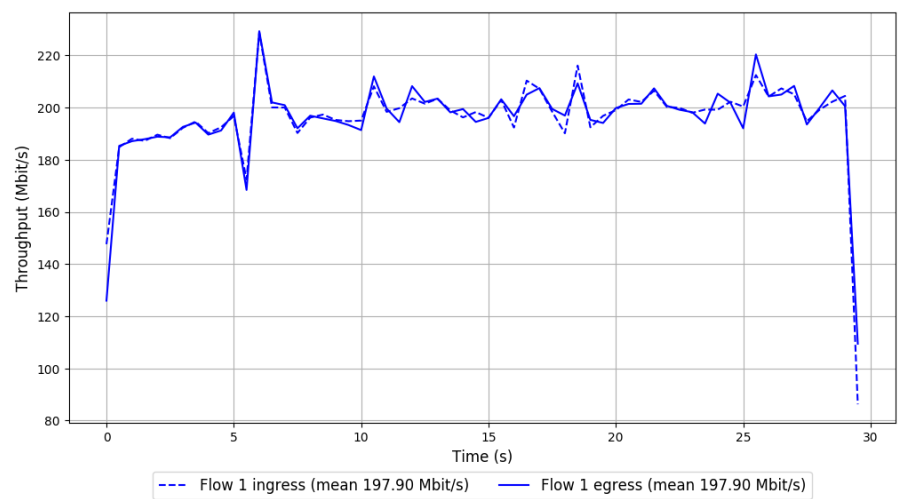
Run 3: Statistics of Indigo-calib

Start at: 2017-11-21 03:05:41  
End at: 2017-11-21 03:06:11  
Local clock offset: -1.497 ms  
Remote clock offset: 45.294 ms

# Below is generated by plot.py at 2017-11-21 08:26:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 197.90 Mbit/s  
95th percentile per-packet one-way delay: 58.123 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 197.90 Mbit/s  
95th percentile per-packet one-way delay: 58.123 ms  
Loss rate: 0.00%



Run 3: Report of Indigo-calib — Data Link

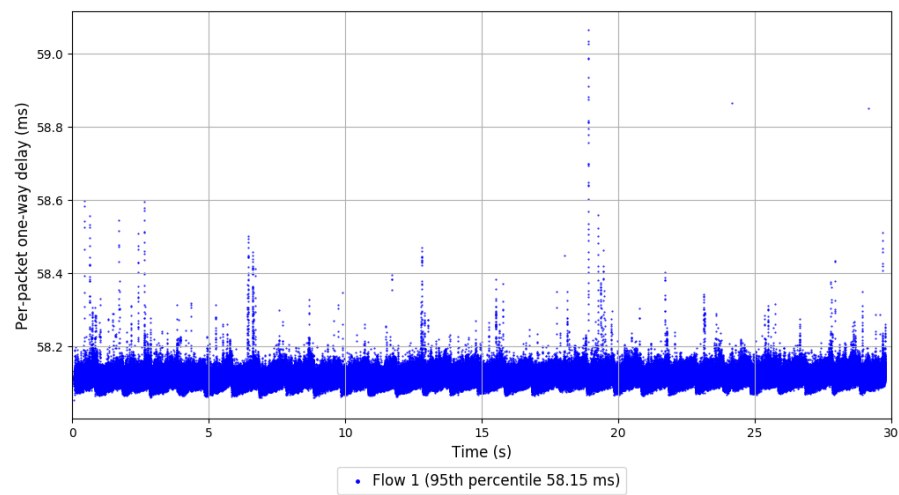
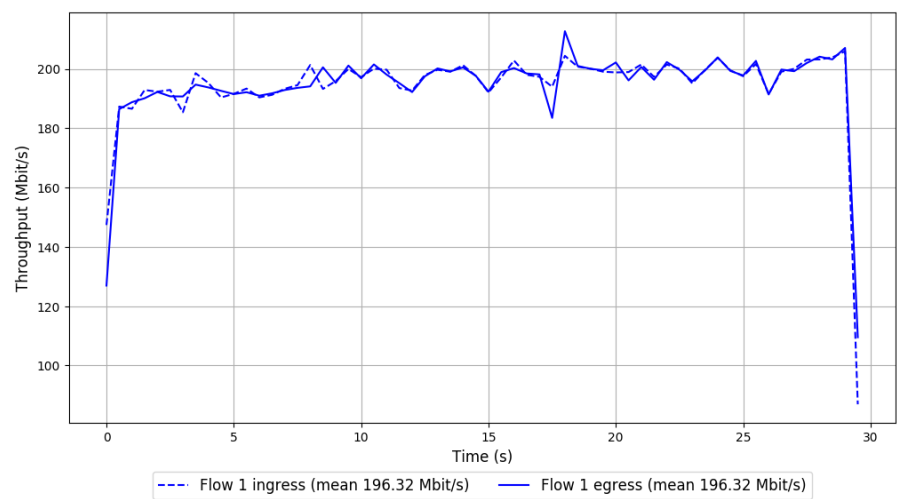


Run 4: Statistics of Indigo-calib

Start at: 2017-11-21 03:23:56  
End at: 2017-11-21 03:24:26  
Local clock offset: -1.681 ms  
Remote clock offset: 45.151 ms

# Below is generated by plot.py at 2017-11-21 08:26:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 196.32 Mbit/s  
95th percentile per-packet one-way delay: 58.148 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 196.32 Mbit/s  
95th percentile per-packet one-way delay: 58.148 ms  
Loss rate: 0.00%

Run 4: Report of Indigo-calib — Data Link

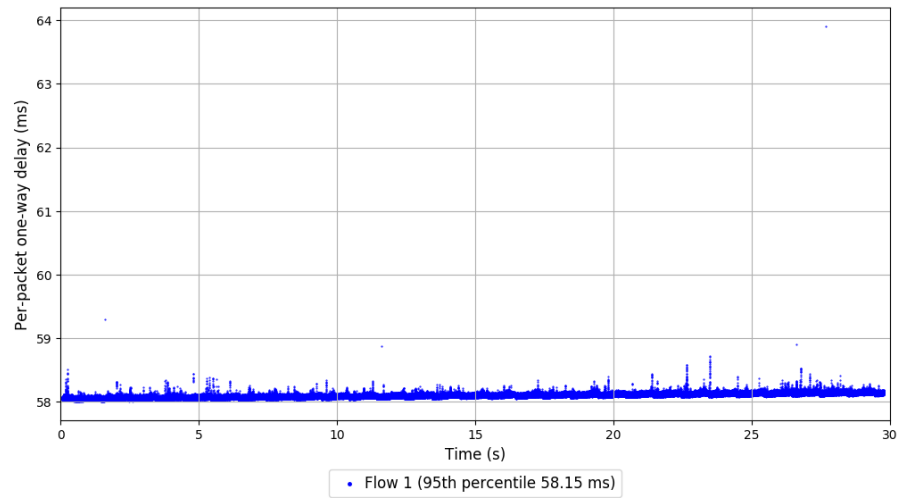
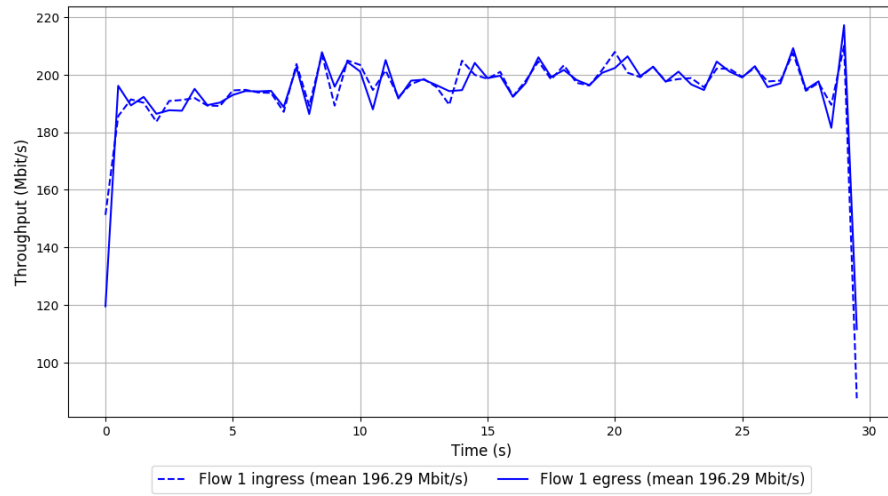


Run 5: Statistics of Indigo-calib

Start at: 2017-11-21 03:42:05  
End at: 2017-11-21 03:42:35  
Local clock offset: -1.546 ms  
Remote clock offset: 41.916 ms

# Below is generated by plot.py at 2017-11-21 08:26:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 196.29 Mbit/s  
95th percentile per-packet one-way delay: 58.154 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 196.29 Mbit/s  
95th percentile per-packet one-way delay: 58.154 ms  
Loss rate: 0.00%

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

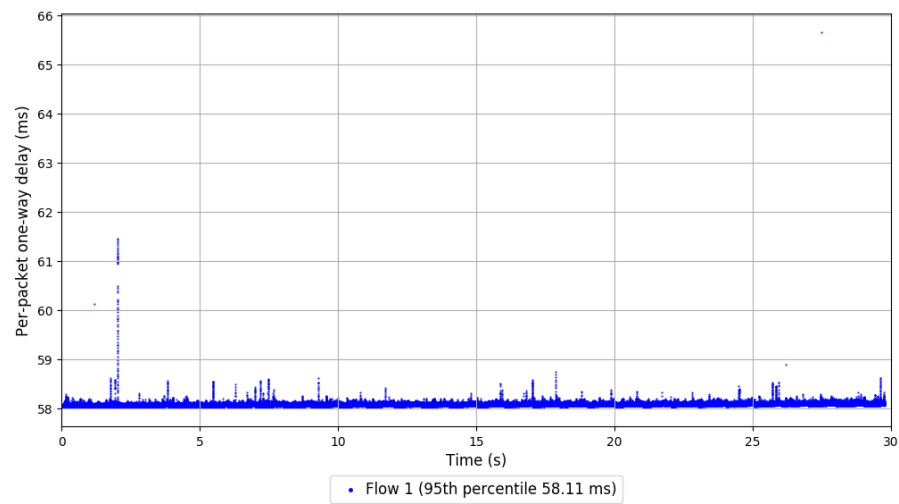
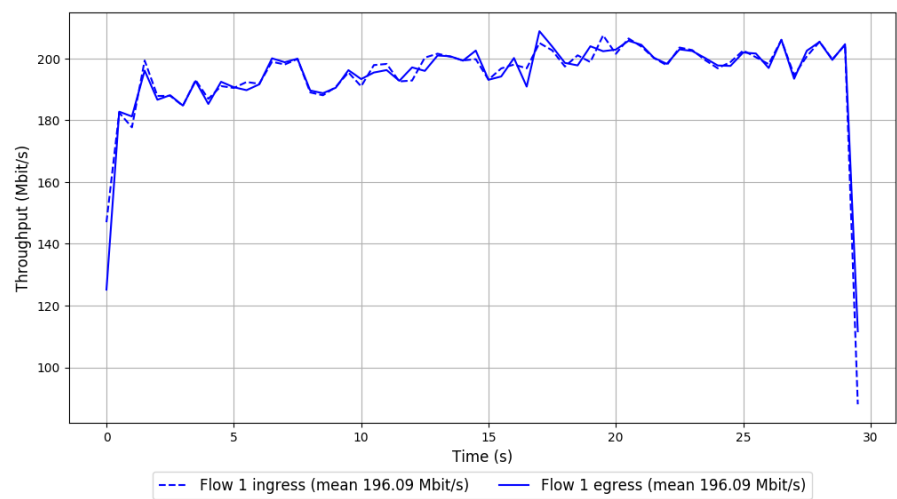


Run 6: Statistics of Indigo-calib

Start at: 2017-11-21 04:00:14  
End at: 2017-11-21 04:00:44  
Local clock offset: -1.464 ms  
Remote clock offset: 40.767 ms

# Below is generated by plot.py at 2017-11-21 08:26:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 196.09 Mbit/s  
95th percentile per-packet one-way delay: 58.111 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 196.09 Mbit/s  
95th percentile per-packet one-way delay: 58.111 ms  
Loss rate: 0.00%

Run 6: Report of Indigo-calib — Data Link



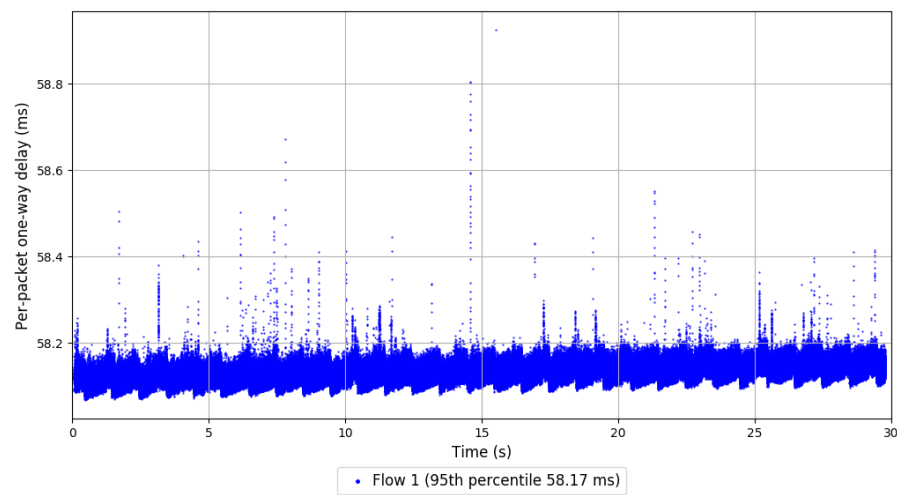
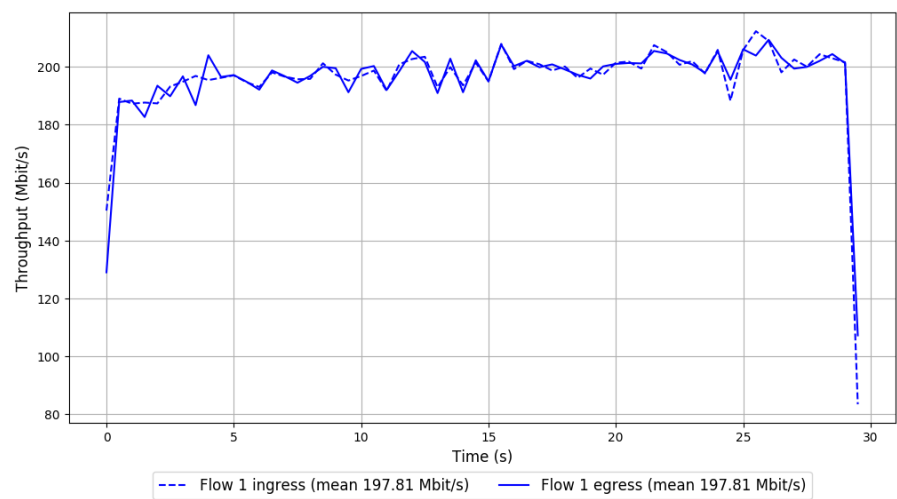
Run 7: Statistics of Indigo-calib

Start at: 2017-11-21 04:18:12  
End at: 2017-11-21 04:18:42  
Local clock offset: -1.127 ms  
Remote clock offset: 39.959 ms

# Below is generated by plot.py at 2017-11-21 08:26:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 197.81 Mbit/s  
95th percentile per-packet one-way delay: 58.170 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 197.81 Mbit/s  
95th percentile per-packet one-way delay: 58.170 ms  
Loss rate: 0.00%



Run 7: Report of Indigo-calib — Data Link

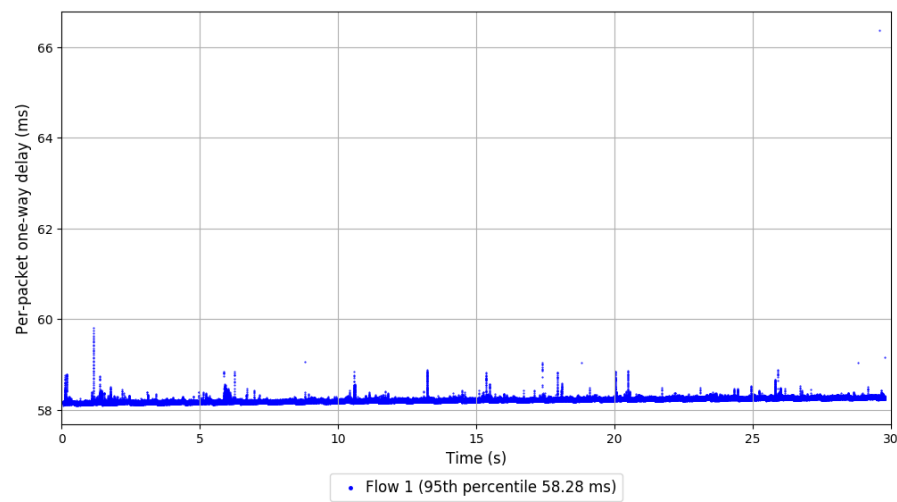
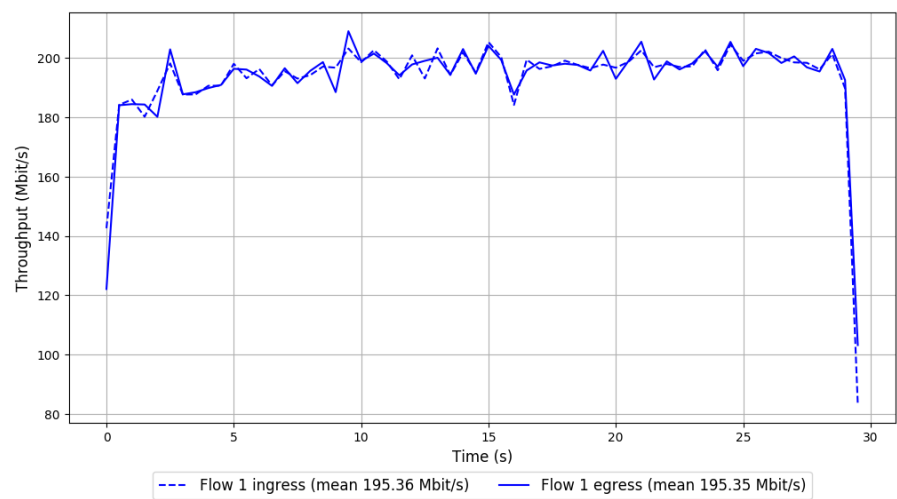


Run 8: Statistics of Indigo-calib

Start at: 2017-11-21 04:36:10  
End at: 2017-11-21 04:36:40  
Local clock offset: -0.739 ms  
Remote clock offset: 36.257 ms

# Below is generated by plot.py at 2017-11-21 08:26:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 195.35 Mbit/s  
95th percentile per-packet one-way delay: 58.281 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 195.35 Mbit/s  
95th percentile per-packet one-way delay: 58.281 ms  
Loss rate: 0.00%

Run 8: Report of Indigo-calib — Data Link

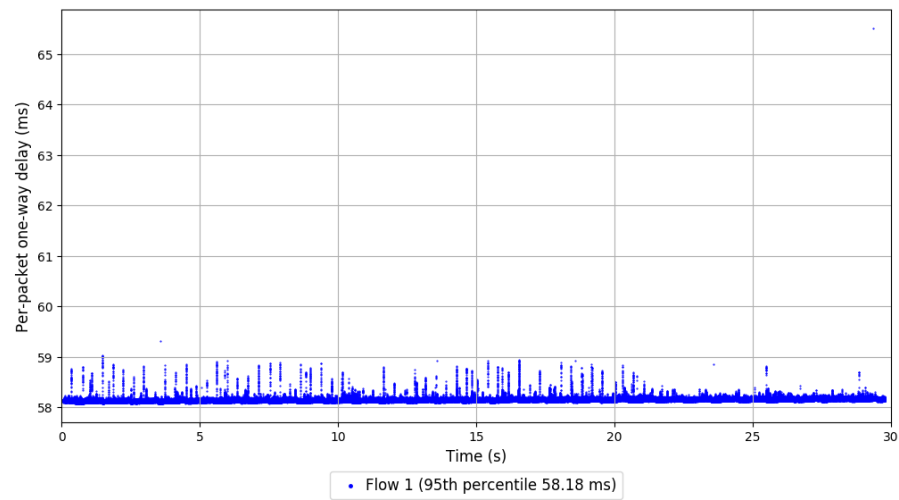
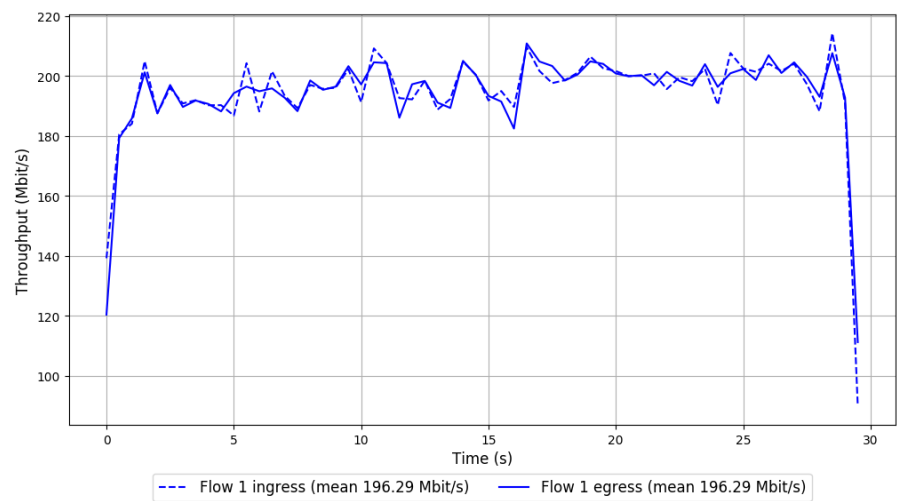


Run 9: Statistics of Indigo-calib

Start at: 2017-11-21 04:54:20  
End at: 2017-11-21 04:54:50  
Local clock offset: -0.316 ms  
Remote clock offset: 35.134 ms

# Below is generated by plot.py at 2017-11-21 08:27:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 196.29 Mbit/s  
95th percentile per-packet one-way delay: 58.184 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 196.29 Mbit/s  
95th percentile per-packet one-way delay: 58.184 ms  
Loss rate: 0.00%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-21 05:12:31  
End at: 2017-11-21 05:13:01  
Local clock offset: 0.101 ms  
Remote clock offset: 33.992 ms

# Below is generated by plot.py at 2017-11-21 08:27:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 196.96 Mbit/s  
95th percentile per-packet one-way delay: 58.190 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 196.96 Mbit/s  
95th percentile per-packet one-way delay: 58.190 ms  
Loss rate: 0.00%

Run 10: Report of Indigo-calib — Data Link

