

## Pantheon Report

Generated at 2018-07-10 16:41:37 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

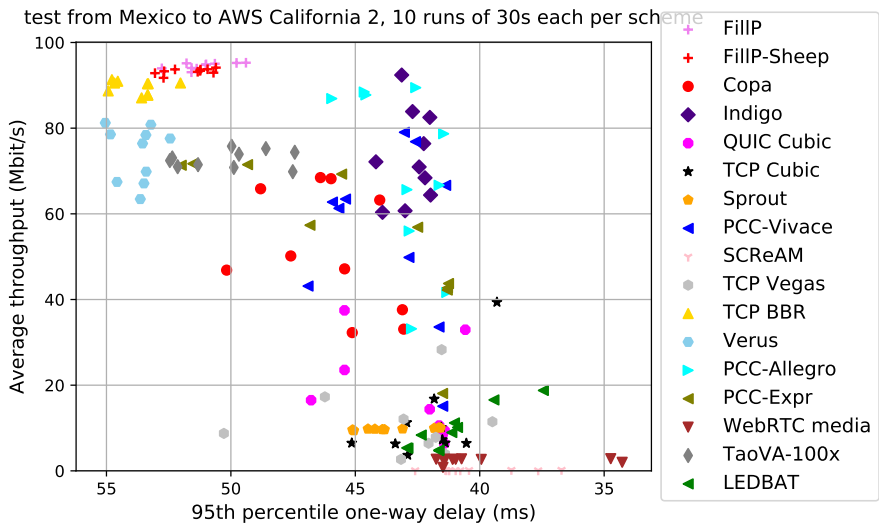
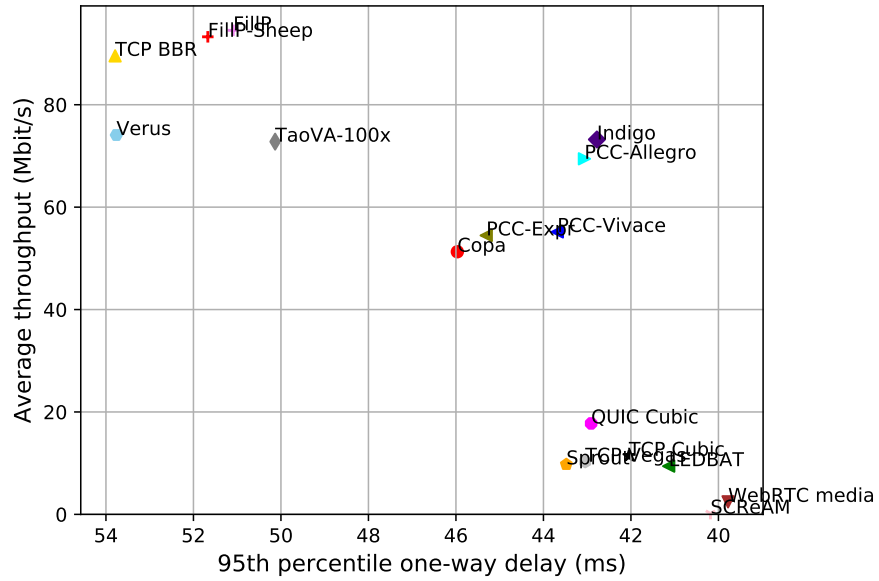
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Mexico to AWS California 2, 10 runs of 30s each per scheme  
(mean of all runs by 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	89.54	53.79	1.81
Copa	10	51.29	45.97	1.20
TCP Cubic	10	11.44	42.05	0.93
FillP	10	94.53	51.09	1.47
FillP-Sheep	10	93.26	51.67	1.44
Indigo	10	73.21	42.78	1.27
LEDBAT	10	9.42	41.14	0.95
PCC-Allegro	10	69.44	43.06	1.13
PCC-Expr	10	54.48	45.31	1.18
QUIC Cubic	9	17.76	42.91	0.98
SCReAM	10	0.14	40.18	0.87
Sprout	10	9.77	43.48	1.06
TaoVA-100x	10	72.79	50.13	1.37
TCP Vegas	10	10.28	43.05	0.99
Verus	10	74.09	53.76	1.73
PCC-Vivace	10	55.16	43.68	1.19
WebRTC media	10	2.44	39.78	0.93

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 12:34:03

End at: 2018-07-10 12:34:33

Local clock offset: -0.15 ms

Remote clock offset: 1.169 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.96 Mbit/s

95th percentile per-packet one-way delay: 54.546 ms

Loss rate: 1.59%

-- Flow 1:

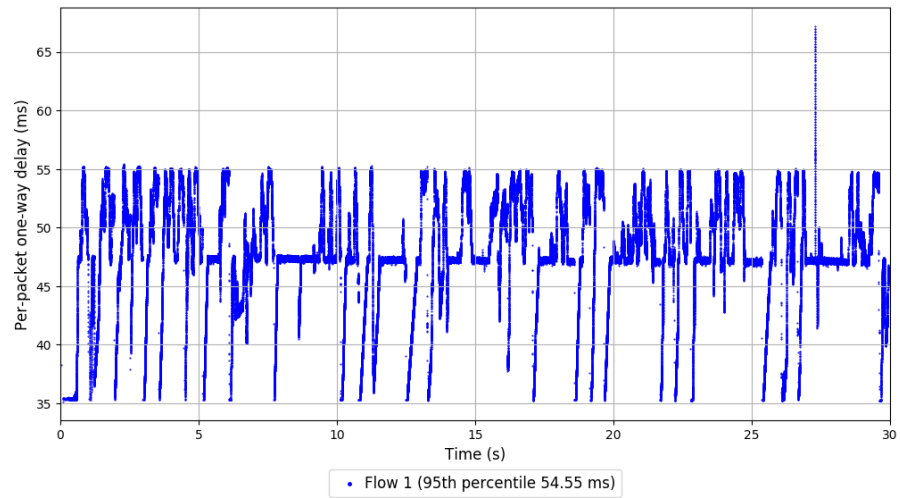
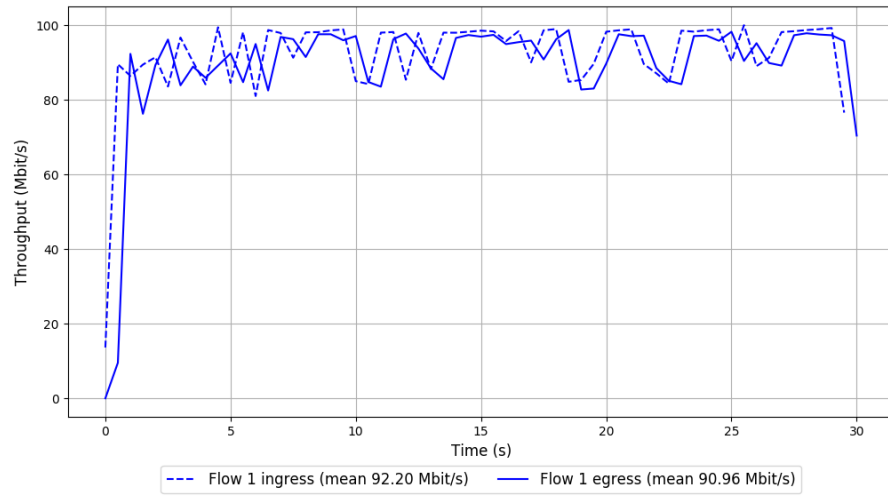
Average throughput: 90.96 Mbit/s

95th percentile per-packet one-way delay: 54.546 ms

Loss rate: 1.59%



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



Run 2: Statistics of TCP BBR

Start at: 2018-07-10 12:57:51

End at: 2018-07-10 12:58:21

Local clock offset: -0.152 ms

Remote clock offset: 0.108 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.54 Mbit/s

95th percentile per-packet one-way delay: 54.677 ms

Loss rate: 1.40%

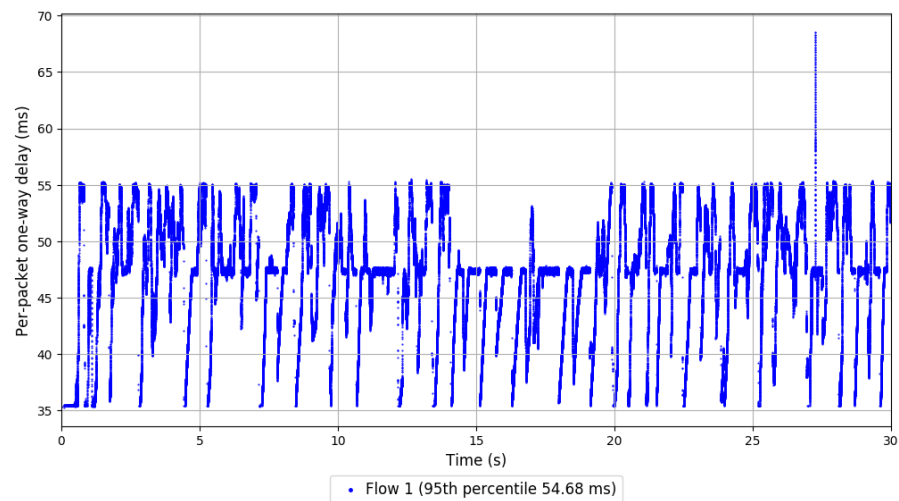
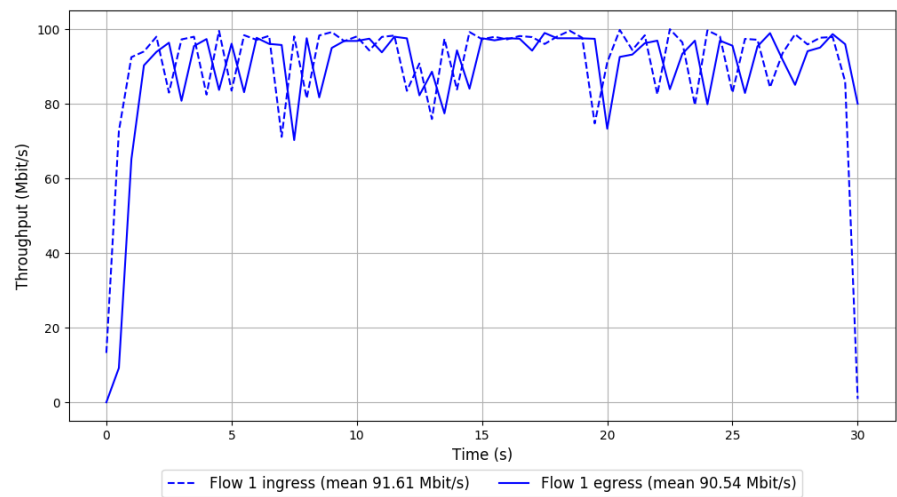
-- Flow 1:

Average throughput: 90.54 Mbit/s

95th percentile per-packet one-way delay: 54.677 ms

Loss rate: 1.40%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-07-10 13:22:15

End at: 2018-07-10 13:22:45

Local clock offset: -0.014 ms

Remote clock offset: 0.337 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.38 Mbit/s

95th percentile per-packet one-way delay: 53.321 ms

Loss rate: 1.60%

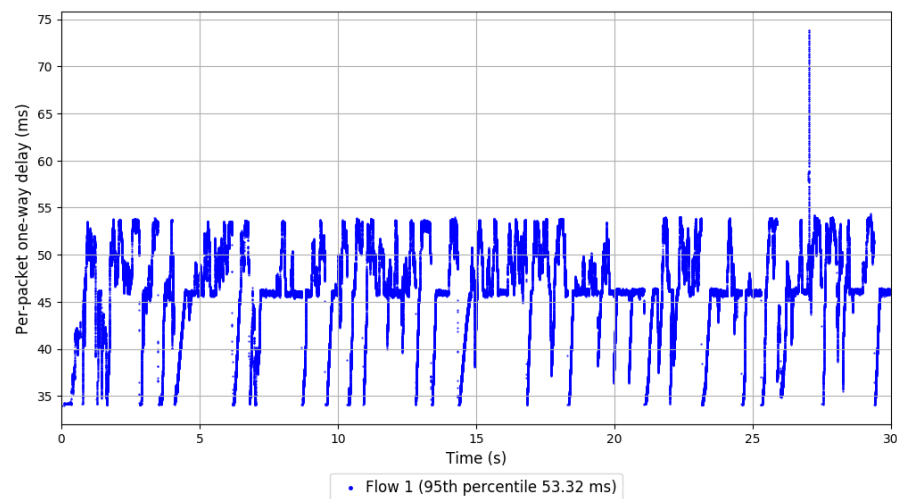
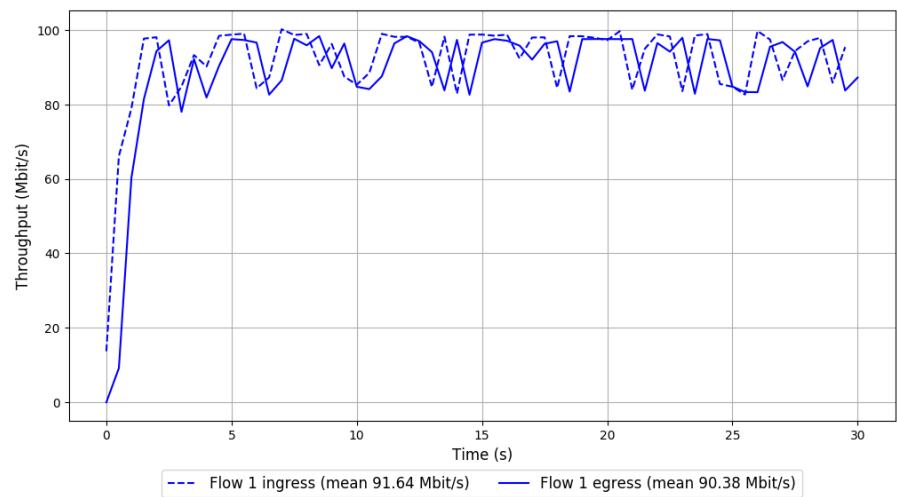
-- Flow 1:

Average throughput: 90.38 Mbit/s

95th percentile per-packet one-way delay: 53.321 ms

Loss rate: 1.60%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-07-10 13:46:20

End at: 2018-07-10 13:46:50

Local clock offset: -0.32 ms

Remote clock offset: 2.846 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 53.352 ms

Loss rate: 1.67%

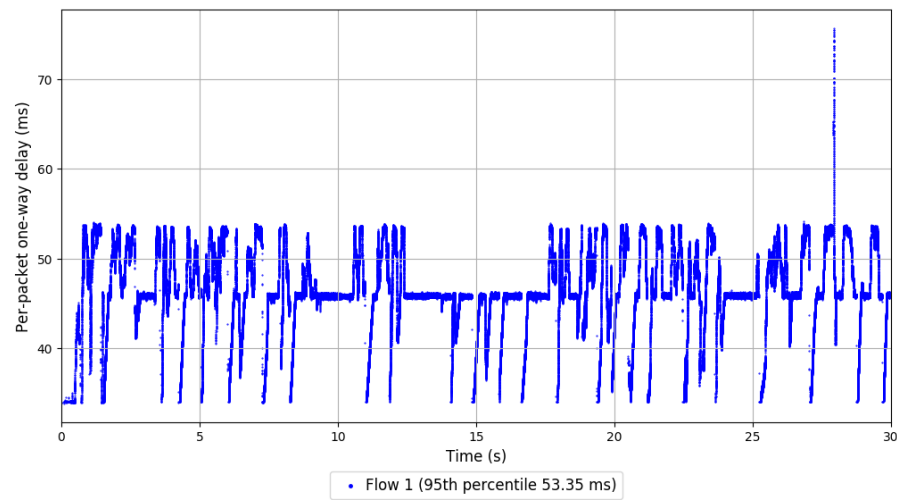
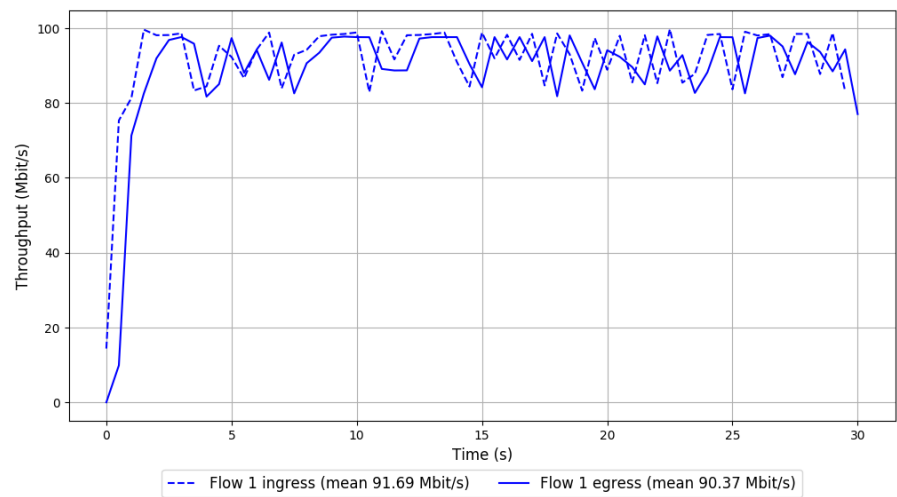
-- Flow 1:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 53.352 ms

Loss rate: 1.67%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-07-10 14:11:07

End at: 2018-07-10 14:11:37

Local clock offset: -0.459 ms

Remote clock offset: 5.31 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 53.589 ms

Loss rate: 2.30%

-- Flow 1:

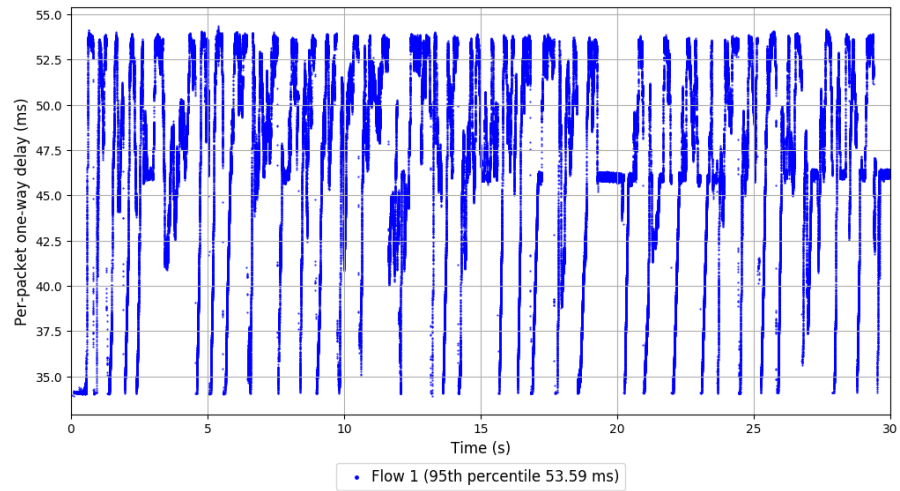
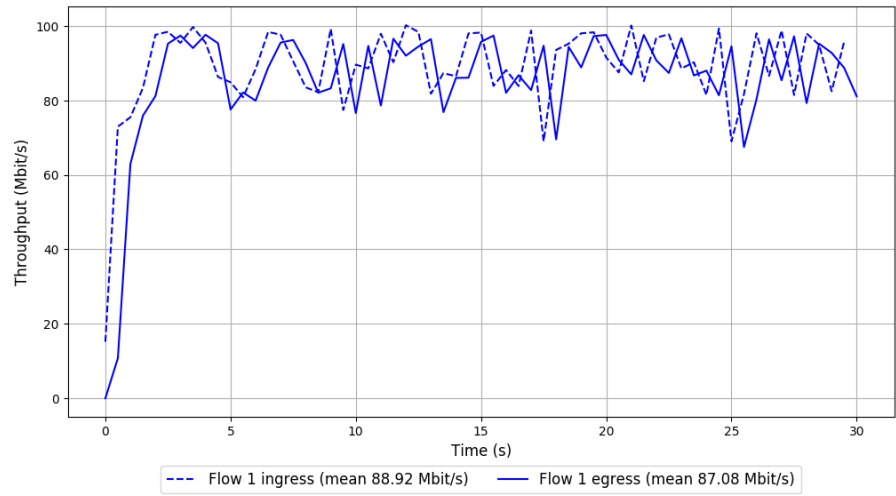
Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 53.589 ms

Loss rate: 2.30%



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



Run 6: Statistics of TCP BBR

Start at: 2018-07-10 14:37:25

End at: 2018-07-10 14:37:55

Local clock offset: -0.446 ms

Remote clock offset: 6.423 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.70 Mbit/s

95th percentile per-packet one-way delay: 54.929 ms

Loss rate: 1.99%

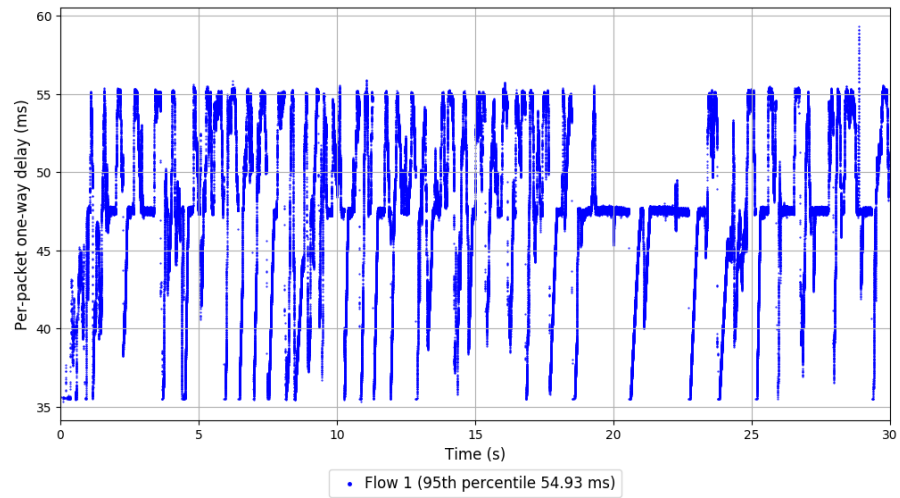
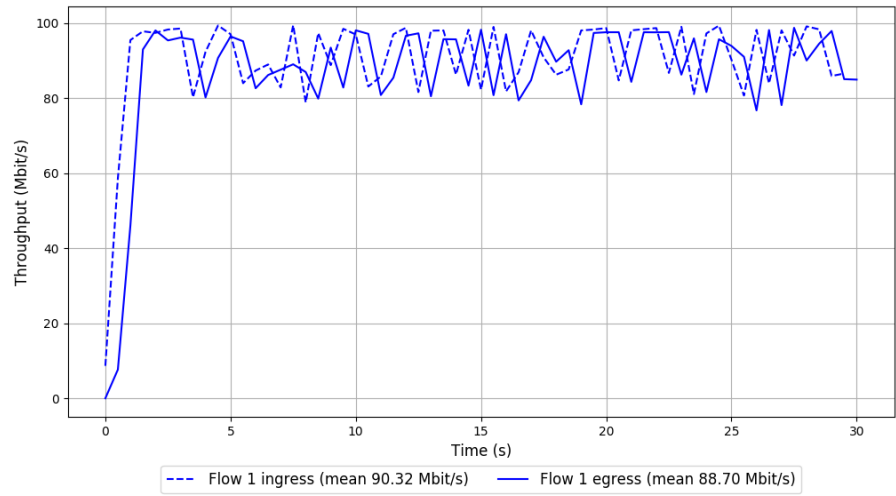
-- Flow 1:

Average throughput: 88.70 Mbit/s

95th percentile per-packet one-way delay: 54.929 ms

Loss rate: 1.99%

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

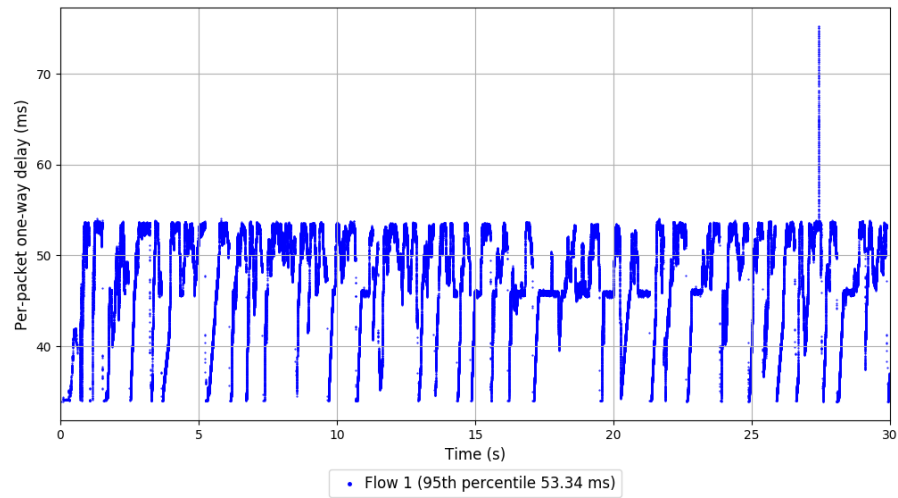
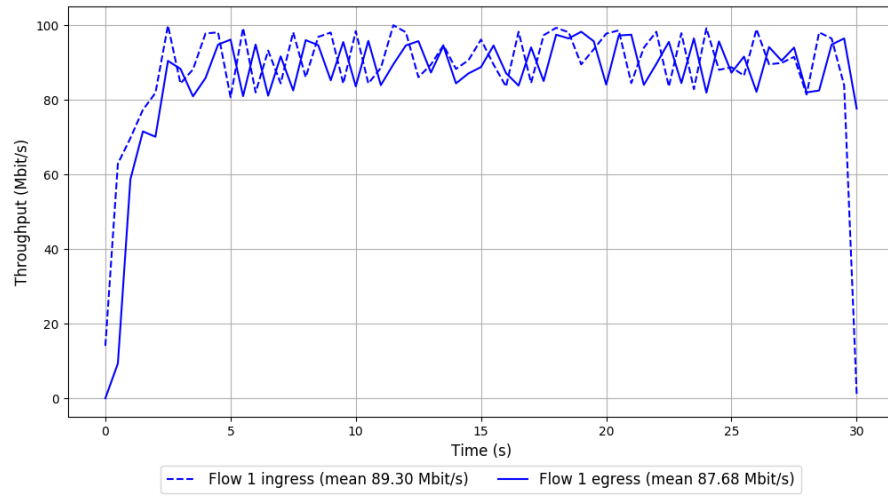


Run 7: Statistics of TCP BBR

Start at: 2018-07-10 15:02:37  
End at: 2018-07-10 15:03:07  
Local clock offset: -0.459 ms  
Remote clock offset: -0.973 ms

# Below is generated by plot.py at 2018-07-10 16:26:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.68 Mbit/s  
95th percentile per-packet one-way delay: 53.335 ms  
Loss rate: 2.06%  
-- Flow 1:  
Average throughput: 87.68 Mbit/s  
95th percentile per-packet one-way delay: 53.335 ms  
Loss rate: 2.06%

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



Run 8: Statistics of TCP BBR

Start at: 2018-07-10 15:29:12

End at: 2018-07-10 15:29:42

Local clock offset: -0.384 ms

Remote clock offset: -4.56 ms

# Below is generated by plot.py at 2018-07-10 16:26:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.82 Mbit/s

95th percentile per-packet one-way delay: 53.345 ms

Loss rate: 2.59%

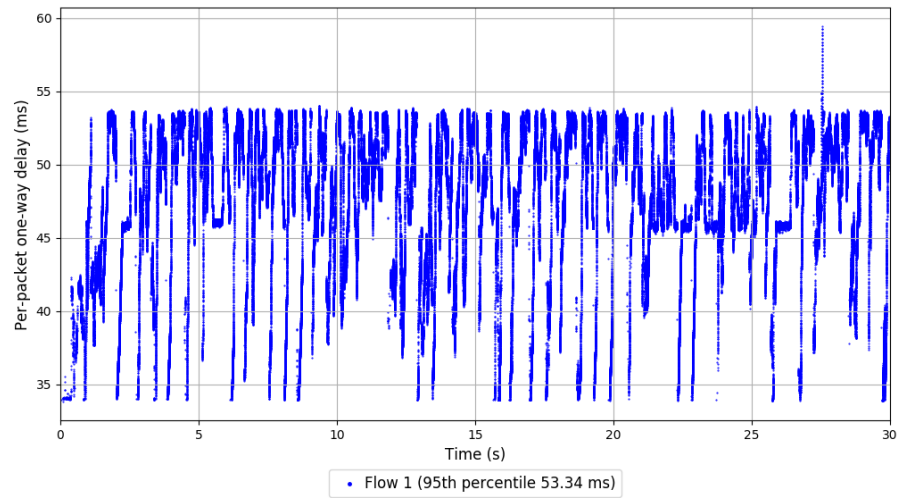
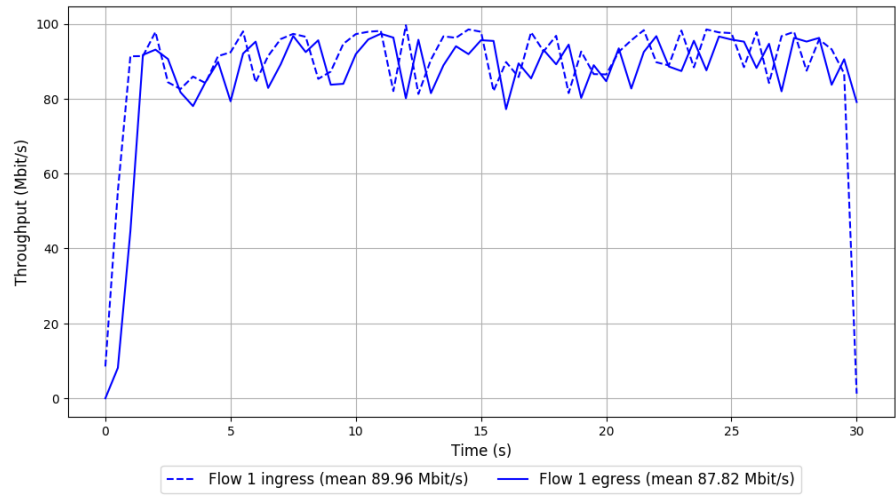
-- Flow 1:

Average throughput: 87.82 Mbit/s

95th percentile per-packet one-way delay: 53.345 ms

Loss rate: 2.59%

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



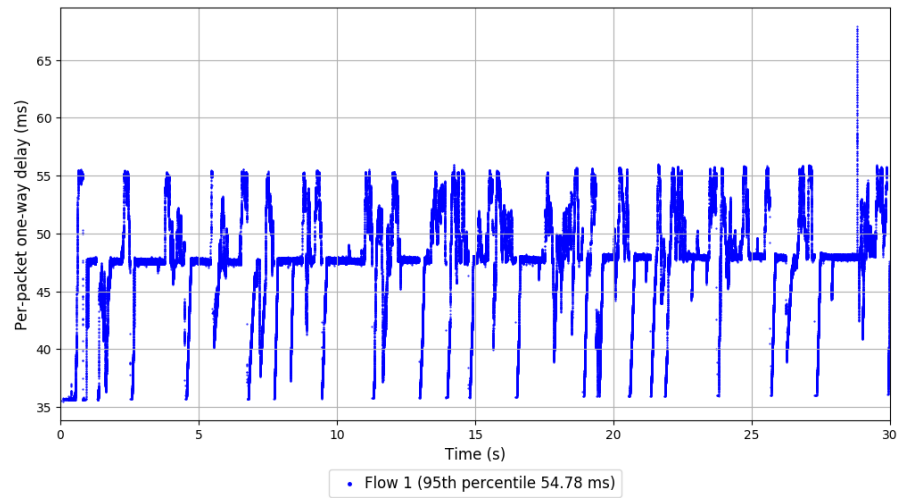
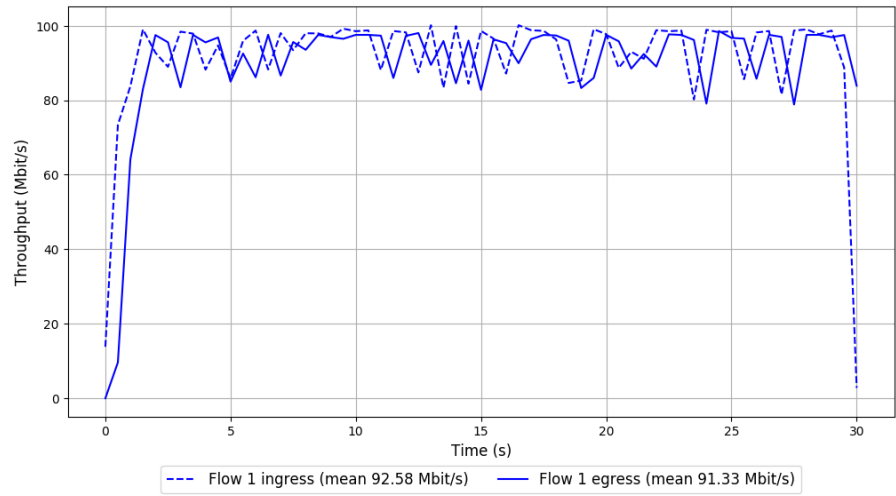
Run 9: Statistics of TCP BBR

Start at: 2018-07-10 15:54:30  
End at: 2018-07-10 15:55:00  
Local clock offset: -0.031 ms  
Remote clock offset: -4.357 ms

# Below is generated by plot.py at 2018-07-10 16:27:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.33 Mbit/s  
95th percentile per-packet one-way delay: 54.781 ms  
Loss rate: 1.58%  
-- Flow 1:  
Average throughput: 91.33 Mbit/s  
95th percentile per-packet one-way delay: 54.781 ms  
Loss rate: 1.58%



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



Run 10: Statistics of TCP BBR

Start at: 2018-07-10 16:17:56

End at: 2018-07-10 16:18:26

Local clock offset: 0.173 ms

Remote clock offset: 4.528 ms

# Below is generated by plot.py at 2018-07-10 16:27:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.55 Mbit/s

95th percentile per-packet one-way delay: 52.026 ms

Loss rate: 1.32%

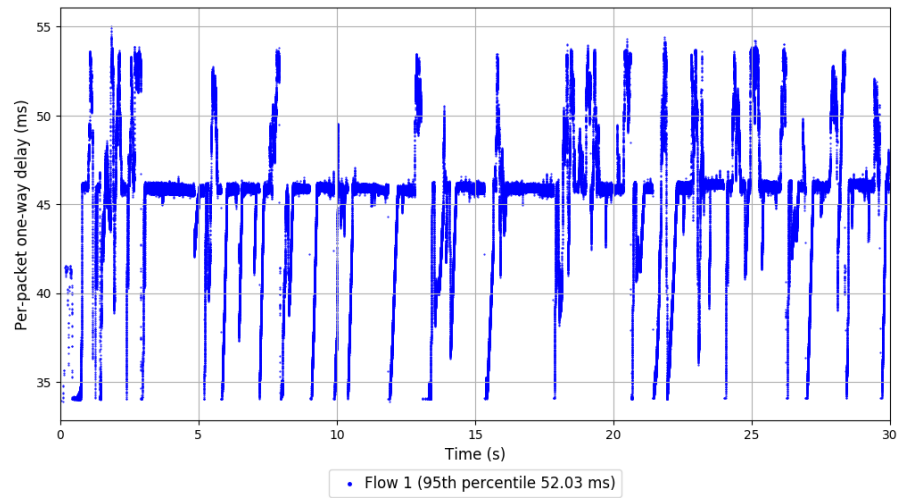
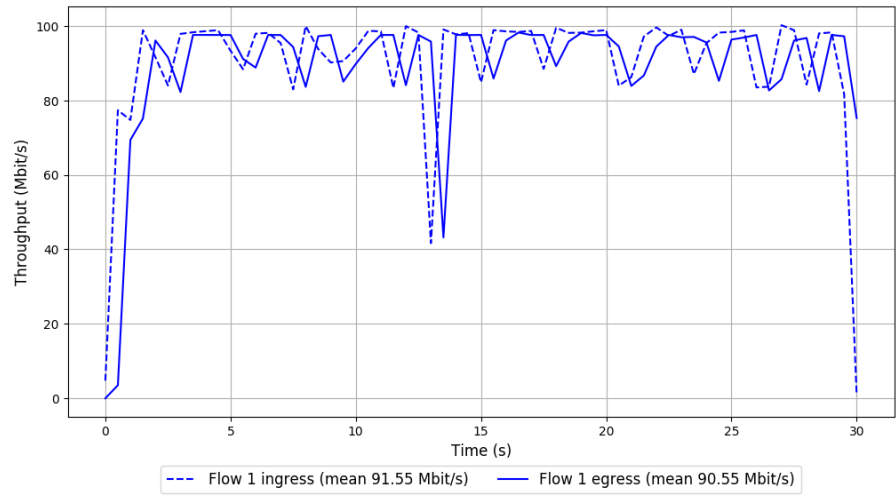
-- Flow 1:

Average throughput: 90.55 Mbit/s

95th percentile per-packet one-way delay: 52.026 ms

Loss rate: 1.32%

# Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-07-10 12:29:54

End at: 2018-07-10 12:30:24

Local clock offset: -0.047 ms

Remote clock offset: 2.058 ms

# Below is generated by plot.py at 2018-07-10 16:27:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.17 Mbit/s

95th percentile per-packet one-way delay: 47.593 ms

Loss rate: 0.79%

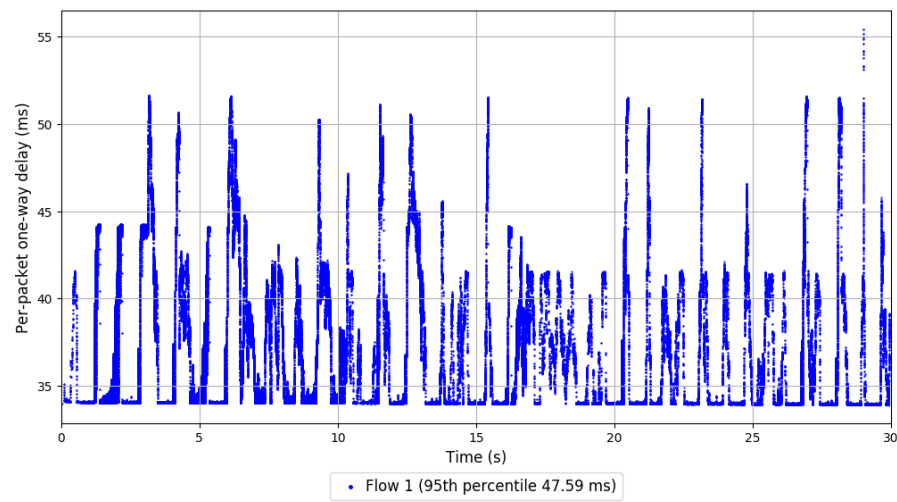
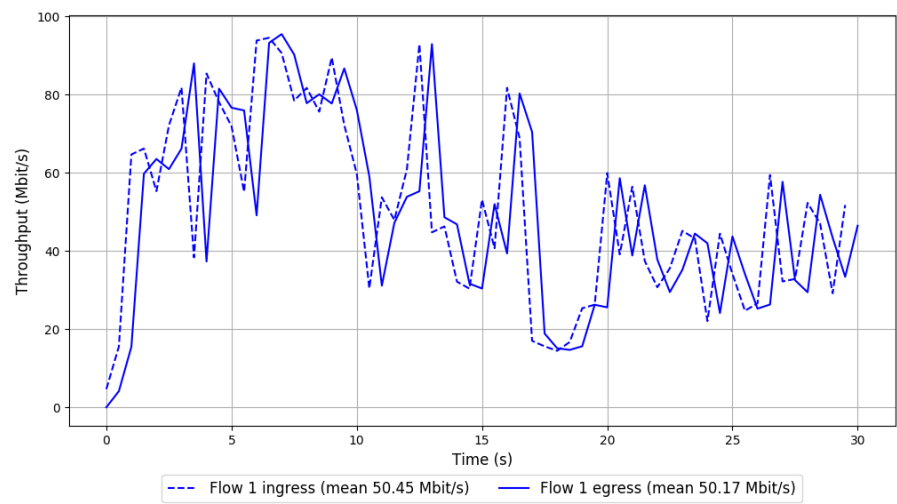
-- Flow 1:

Average throughput: 50.17 Mbit/s

95th percentile per-packet one-way delay: 47.593 ms

Loss rate: 0.79%

Run 1: Report of Copa — Data Link

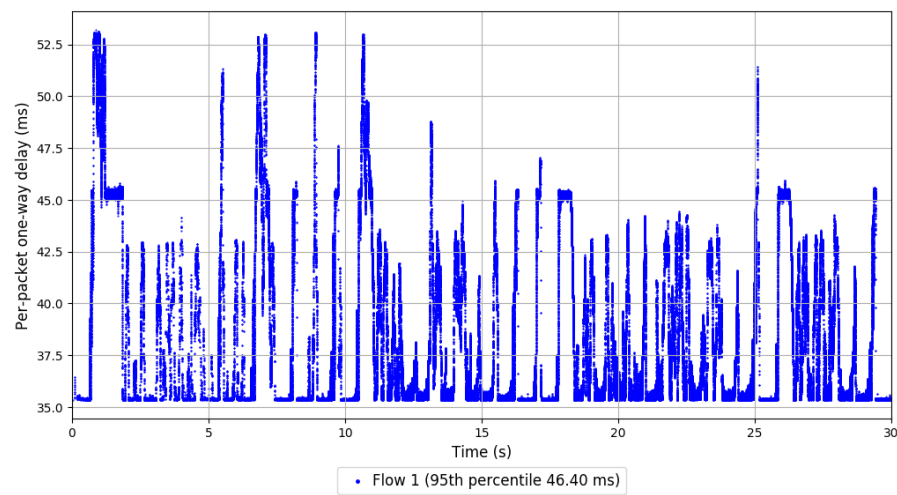
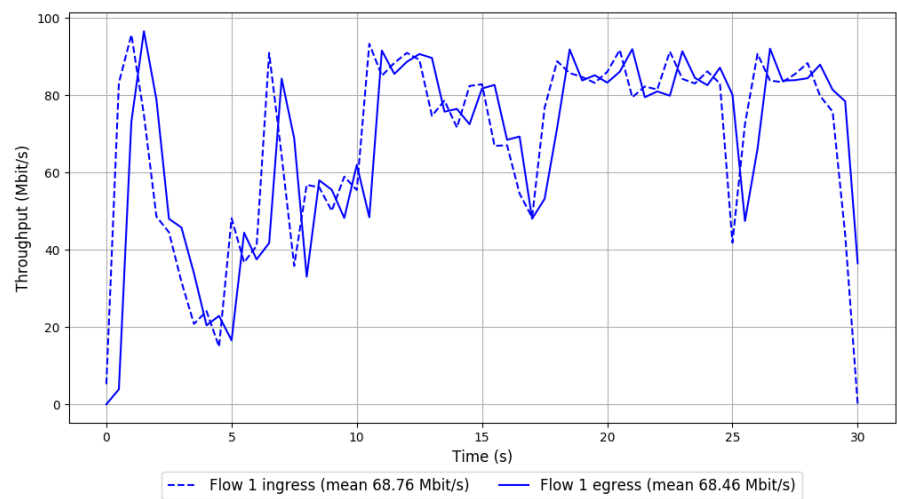


Run 2: Statistics of Copa

Start at: 2018-07-10 12:53:32  
End at: 2018-07-10 12:54:02  
Local clock offset: -0.155 ms  
Remote clock offset: 0.117 ms

# Below is generated by plot.py at 2018-07-10 16:27:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 68.46 Mbit/s  
95th percentile per-packet one-way delay: 46.400 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 68.46 Mbit/s  
95th percentile per-packet one-way delay: 46.400 ms  
Loss rate: 0.67%

Run 2: Report of Copa — Data Link



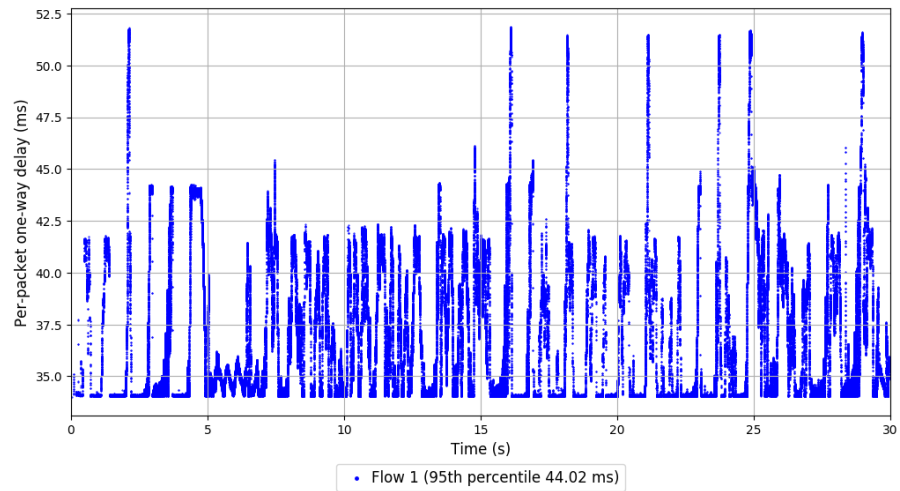
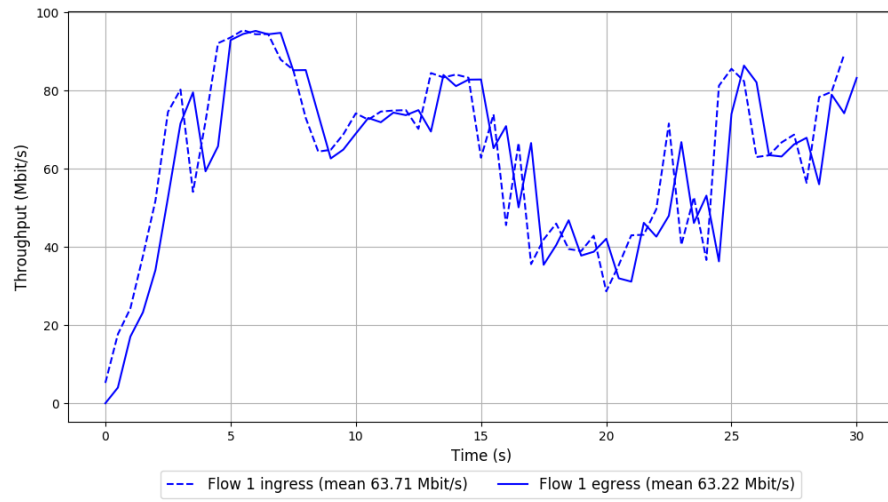
Run 3: Statistics of Copa

Start at: 2018-07-10 13:17:52  
End at: 2018-07-10 13:18:22  
Local clock offset: -0.027 ms  
Remote clock offset: 0.465 ms

# Below is generated by plot.py at 2018-07-10 16:27:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.22 Mbit/s  
95th percentile per-packet one-way delay: 44.019 ms  
Loss rate: 1.00%  
-- Flow 1:  
Average throughput: 63.22 Mbit/s  
95th percentile per-packet one-way delay: 44.019 ms  
Loss rate: 1.00%



### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-07-10 13:42:05

End at: 2018-07-10 13:42:35

Local clock offset: -0.169 ms

Remote clock offset: 2.085 ms

# Below is generated by plot.py at 2018-07-10 16:27:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.85 Mbit/s

95th percentile per-packet one-way delay: 48.806 ms

Loss rate: 0.93%

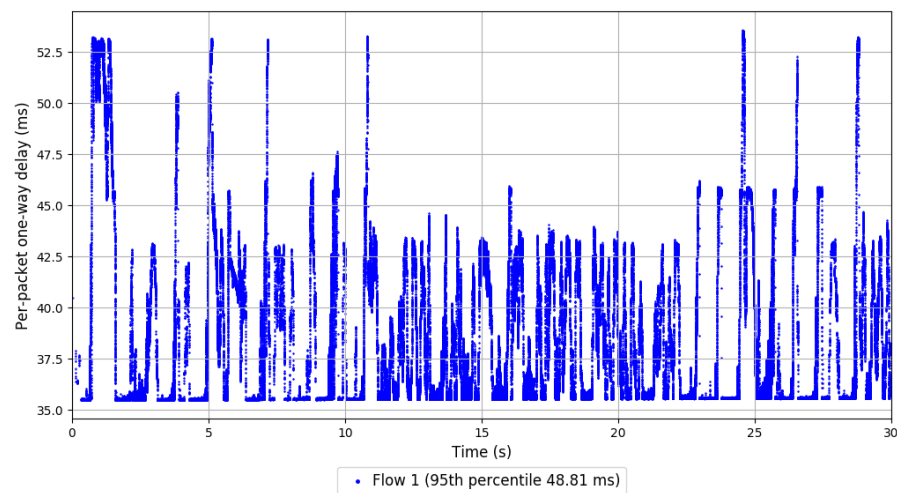
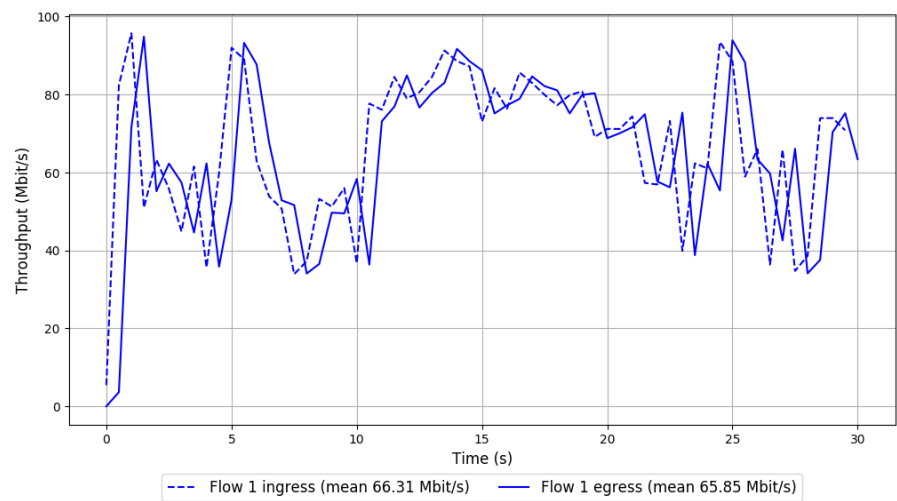
-- Flow 1:

Average throughput: 65.85 Mbit/s

95th percentile per-packet one-way delay: 48.806 ms

Loss rate: 0.93%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-07-10 14:06:28

End at: 2018-07-10 14:06:58

Local clock offset: -0.532 ms

Remote clock offset: 4.911 ms

# Below is generated by plot.py at 2018-07-10 16:27:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.86 Mbit/s

95th percentile per-packet one-way delay: 50.171 ms

Loss rate: 1.34%

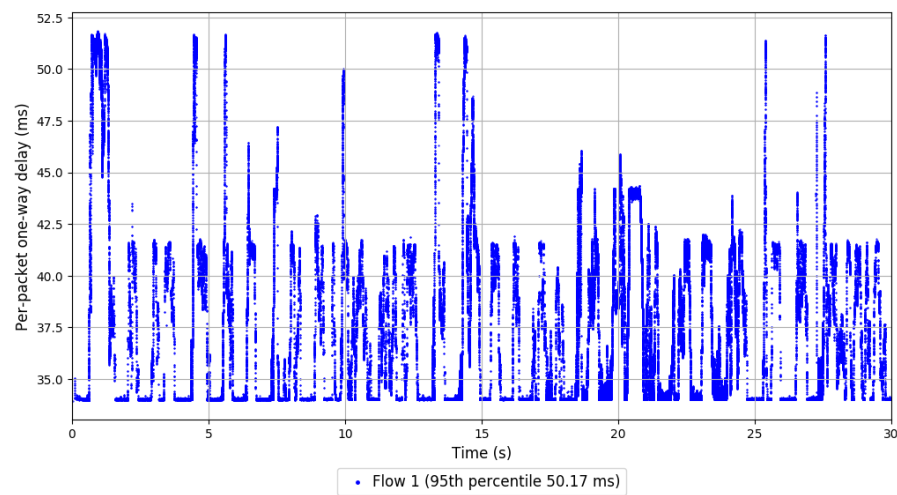
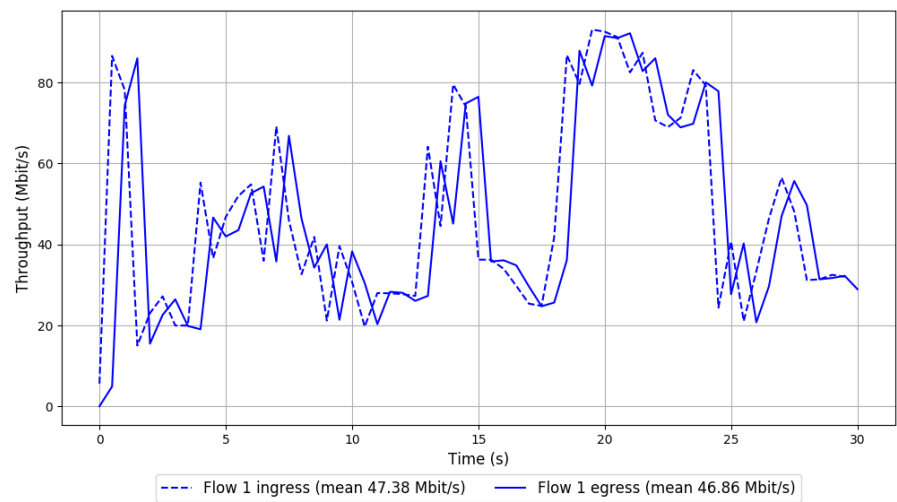
-- Flow 1:

Average throughput: 46.86 Mbit/s

95th percentile per-packet one-way delay: 50.171 ms

Loss rate: 1.34%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-07-10 14:32:33

End at: 2018-07-10 14:33:03

Local clock offset: -0.461 ms

Remote clock offset: 6.379 ms

# Below is generated by plot.py at 2018-07-10 16:27:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.61 Mbit/s

95th percentile per-packet one-way delay: 43.107 ms

Loss rate: 2.39%

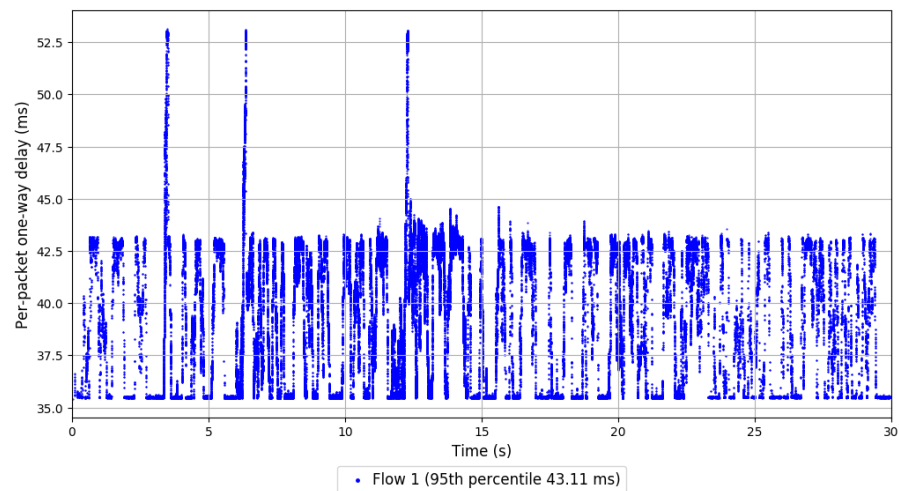
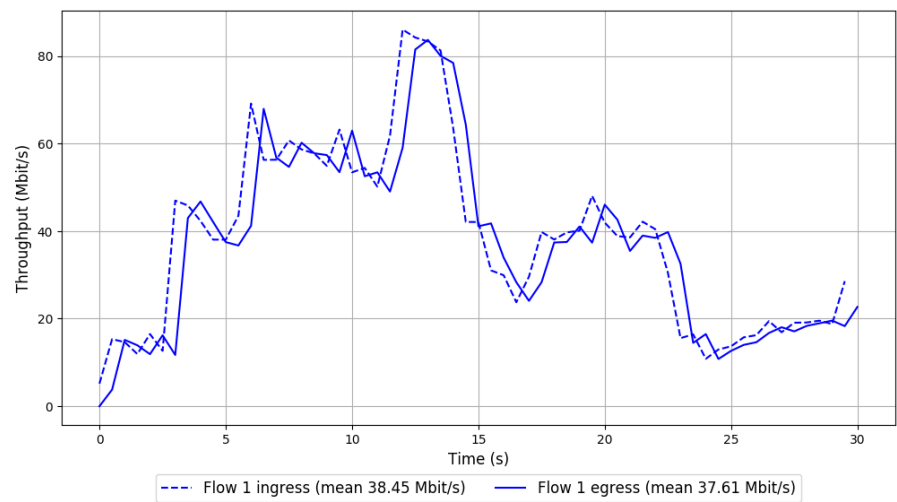
-- Flow 1:

Average throughput: 37.61 Mbit/s

95th percentile per-packet one-way delay: 43.107 ms

Loss rate: 2.39%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-07-10 14:58:00

End at: 2018-07-10 14:58:30

Local clock offset: -0.456 ms

Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2018-07-10 16:28:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.27 Mbit/s

95th percentile per-packet one-way delay: 45.123 ms

Loss rate: 1.03%

-- Flow 1:

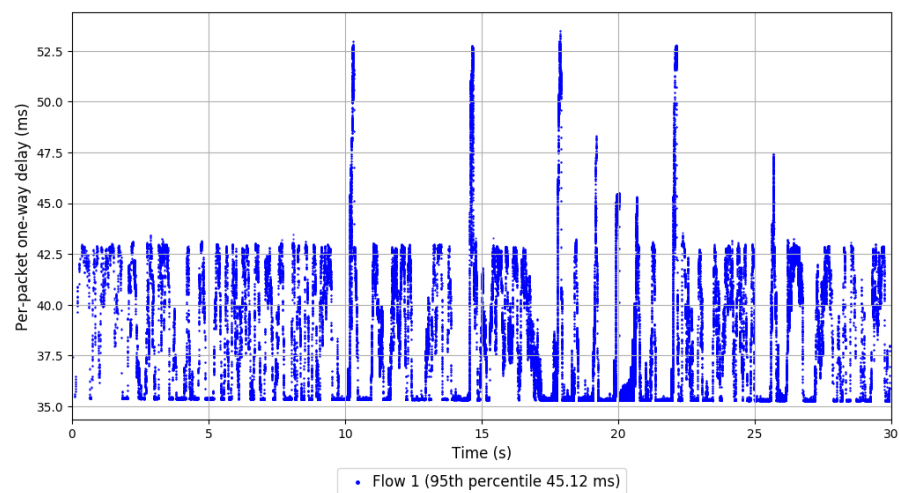
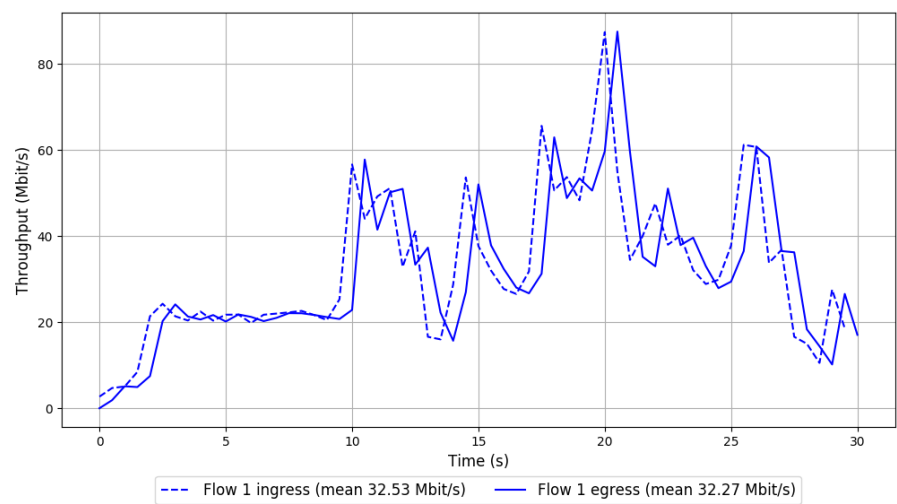
Average throughput: 32.27 Mbit/s

95th percentile per-packet one-way delay: 45.123 ms

Loss rate: 1.03%



Run 7: Report of Copa — Data Link

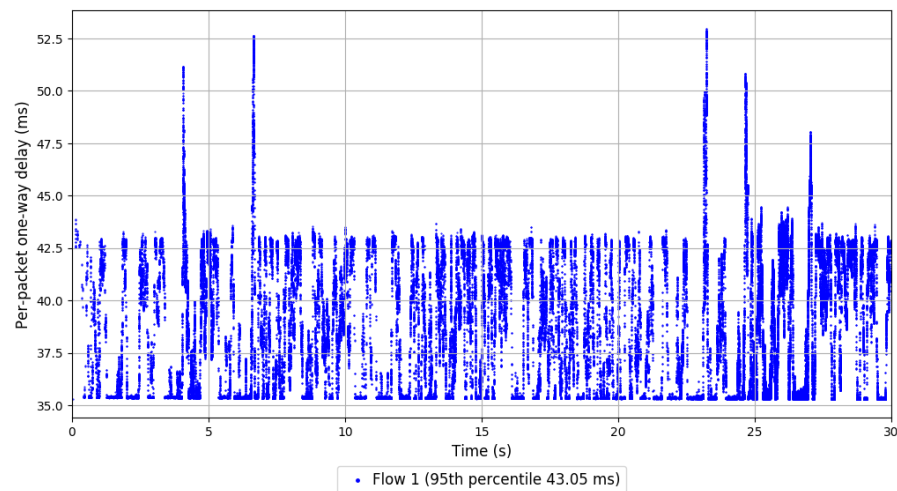
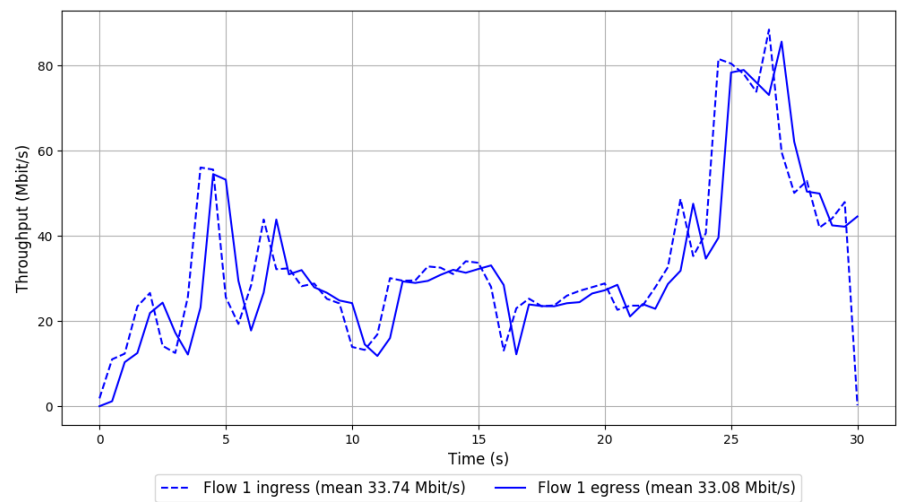


Run 8: Statistics of Copa

Start at: 2018-07-10 15:24:31  
End at: 2018-07-10 15:25:01  
Local clock offset: -0.412 ms  
Remote clock offset: -4.048 ms

# Below is generated by plot.py at 2018-07-10 16:28:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 33.08 Mbit/s  
95th percentile per-packet one-way delay: 43.055 ms  
Loss rate: 2.19%  
-- Flow 1:  
Average throughput: 33.08 Mbit/s  
95th percentile per-packet one-way delay: 43.055 ms  
Loss rate: 2.19%

Run 8: Report of Copa — Data Link

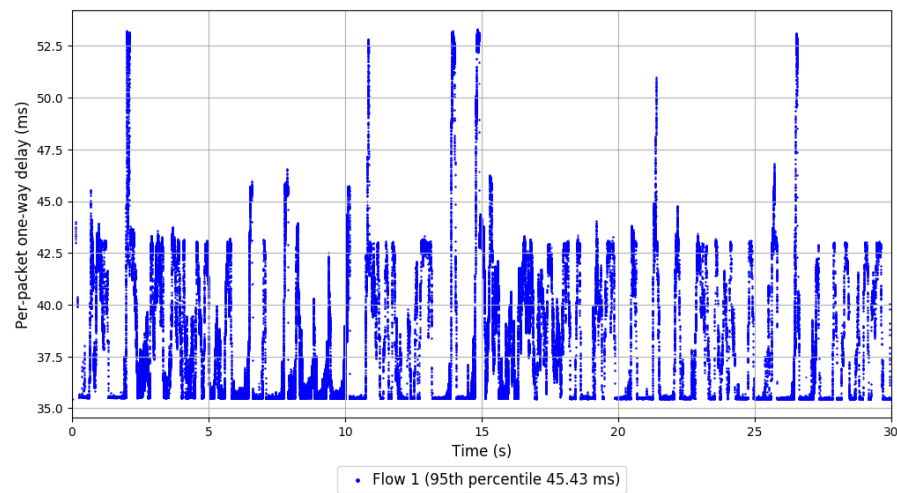
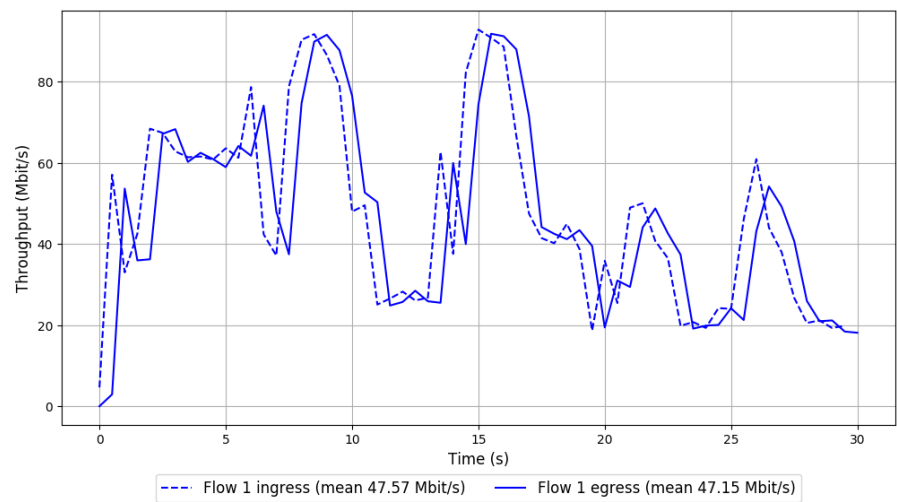


Run 9: Statistics of Copa

Start at: 2018-07-10 15:50:13  
End at: 2018-07-10 15:50:43  
Local clock offset: 0.0 ms  
Remote clock offset: -6.889 ms

# Below is generated by plot.py at 2018-07-10 16:28:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 47.15 Mbit/s  
95th percentile per-packet one-way delay: 45.430 ms  
Loss rate: 1.11%  
-- Flow 1:  
Average throughput: 47.15 Mbit/s  
95th percentile per-packet one-way delay: 45.430 ms  
Loss rate: 1.11%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-07-10 16:13:34

End at: 2018-07-10 16:14:04

Local clock offset: 0.28 ms

Remote clock offset: 3.789 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.20 Mbit/s

95th percentile per-packet one-way delay: 45.975 ms

Loss rate: 0.51%

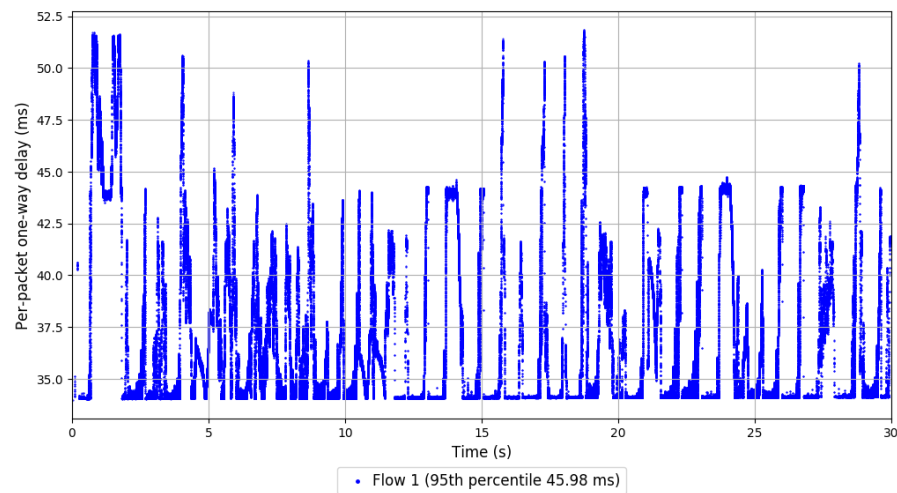
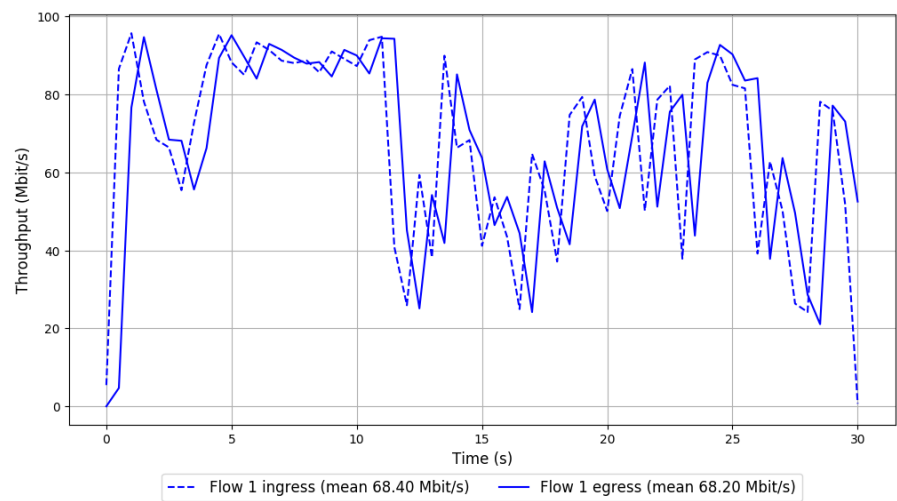
-- Flow 1:

Average throughput: 68.20 Mbit/s

95th percentile per-packet one-way delay: 45.975 ms

Loss rate: 0.51%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 12:17:57

End at: 2018-07-10 12:18:27

Local clock offset: 0.002 ms

Remote clock offset: 2.804 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.39 Mbit/s

95th percentile per-packet one-way delay: 39.309 ms

Loss rate: 0.39%

-- Flow 1:

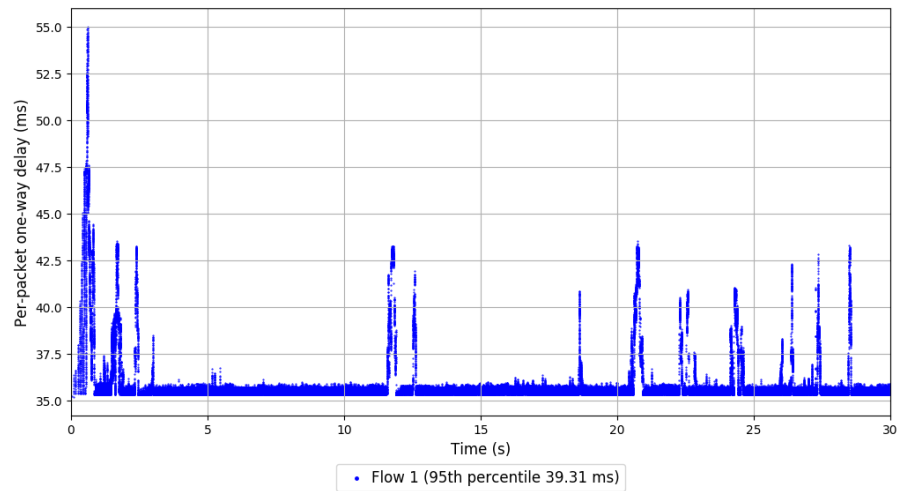
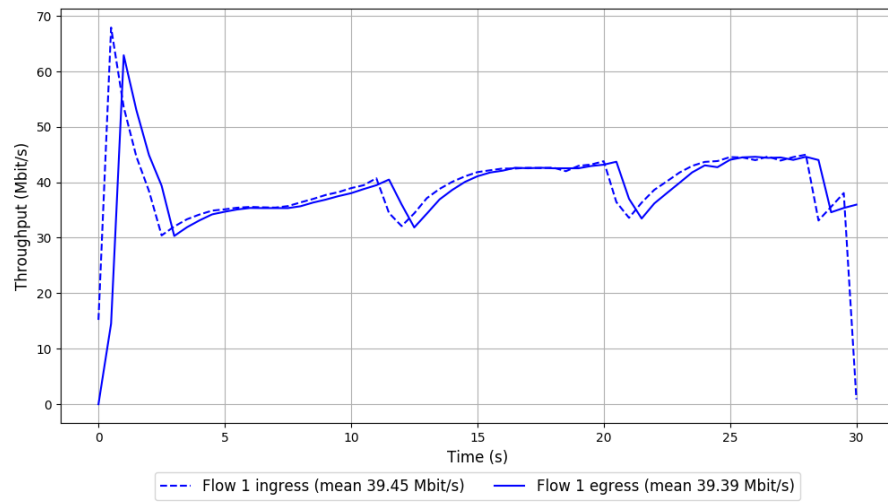
Average throughput: 39.39 Mbit/s

95th percentile per-packet one-way delay: 39.309 ms

Loss rate: 0.39%



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



Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 12:41:28

End at: 2018-07-10 12:41:58

Local clock offset: -0.158 ms

Remote clock offset: 0.51 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.28 Mbit/s

95th percentile per-packet one-way delay: 42.934 ms

Loss rate: 0.81%

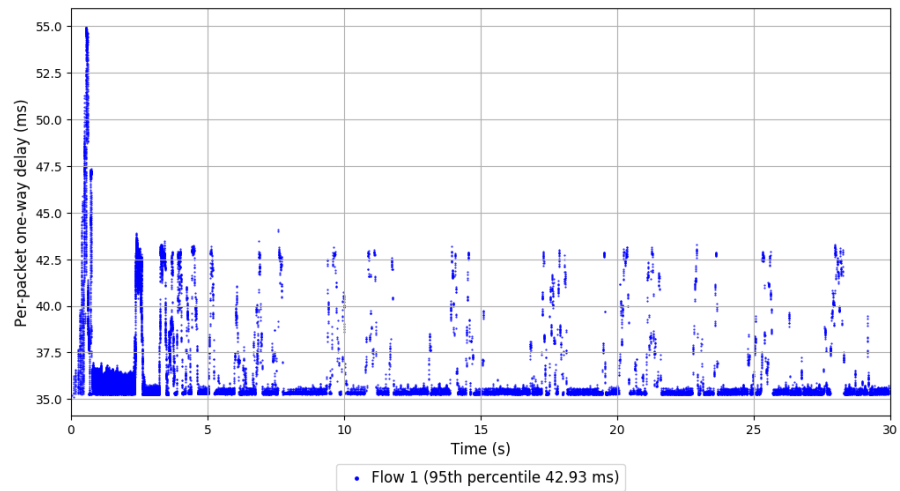
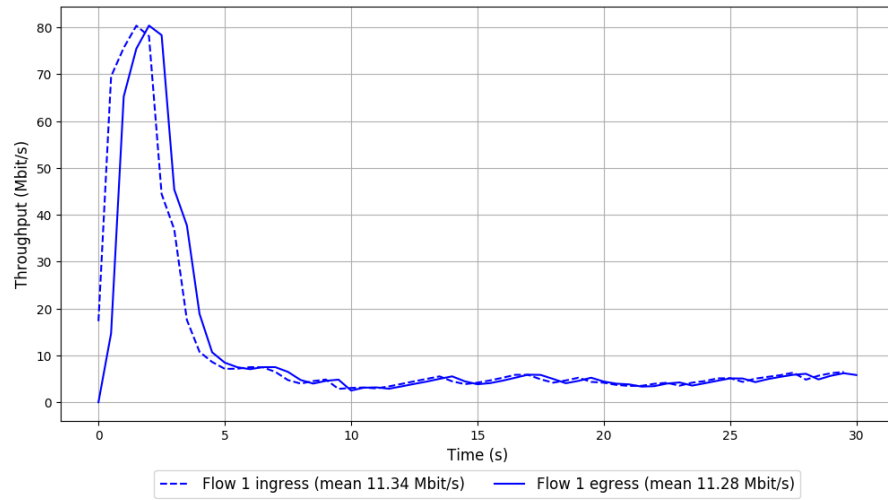
-- Flow 1:

Average throughput: 11.28 Mbit/s

95th percentile per-packet one-way delay: 42.934 ms

Loss rate: 0.81%

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



Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 13:05:37

End at: 2018-07-10 13:06:07

Local clock offset: -0.047 ms

Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.16 Mbit/s

95th percentile per-packet one-way delay: 41.545 ms

Loss rate: 0.76%

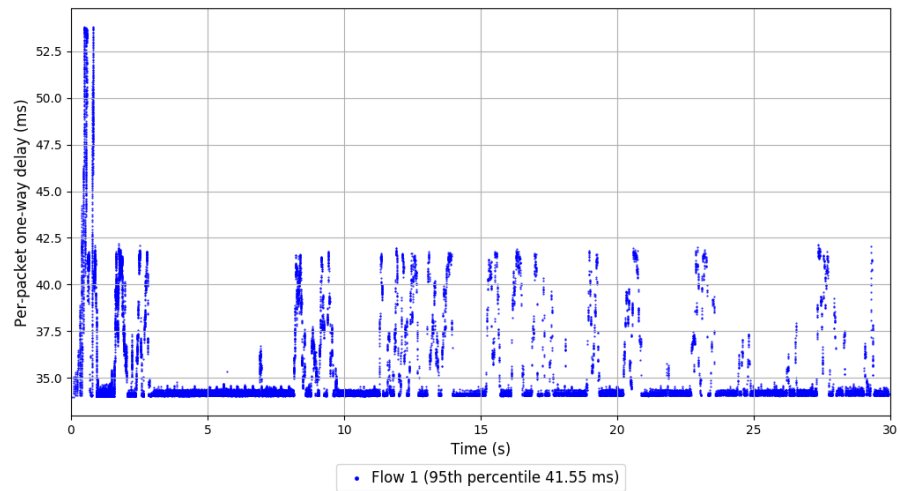
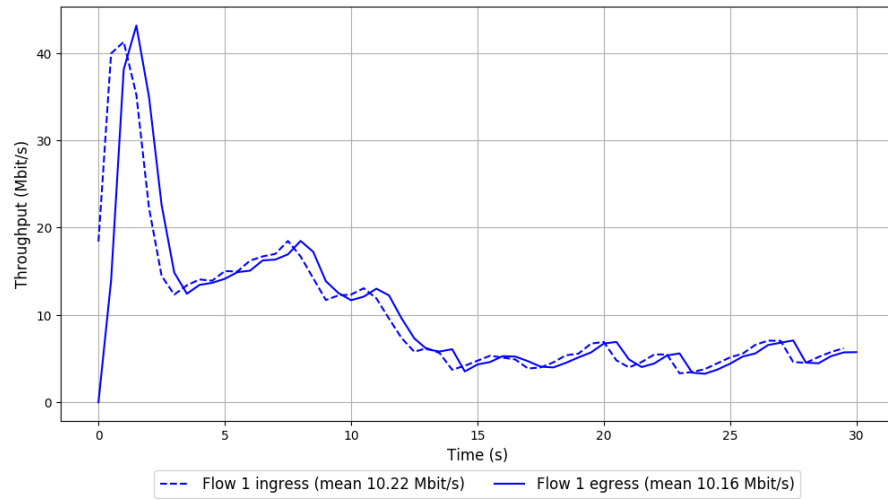
-- Flow 1:

Average throughput: 10.16 Mbit/s

95th percentile per-packet one-way delay: 41.545 ms

Loss rate: 0.76%

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



Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 13:29:58

End at: 2018-07-10 13:30:28

Local clock offset: -0.037 ms

Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.28 Mbit/s

95th percentile per-packet one-way delay: 41.500 ms

Loss rate: 0.83%

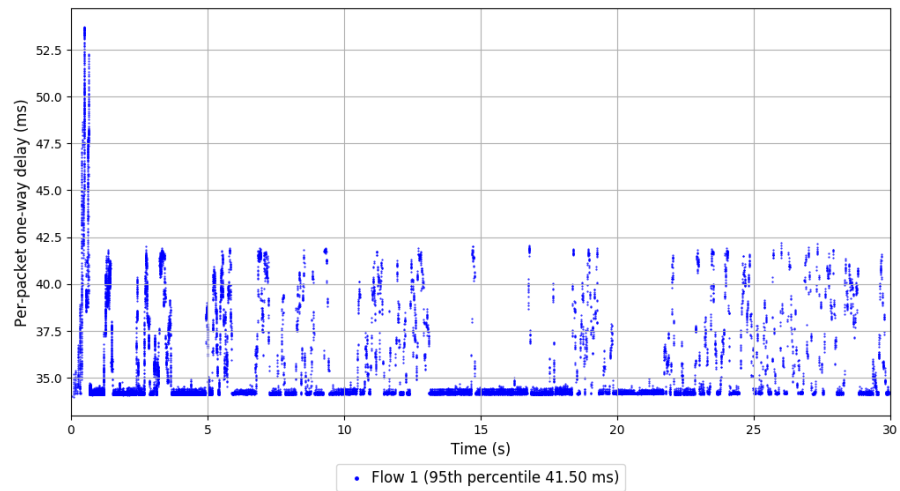
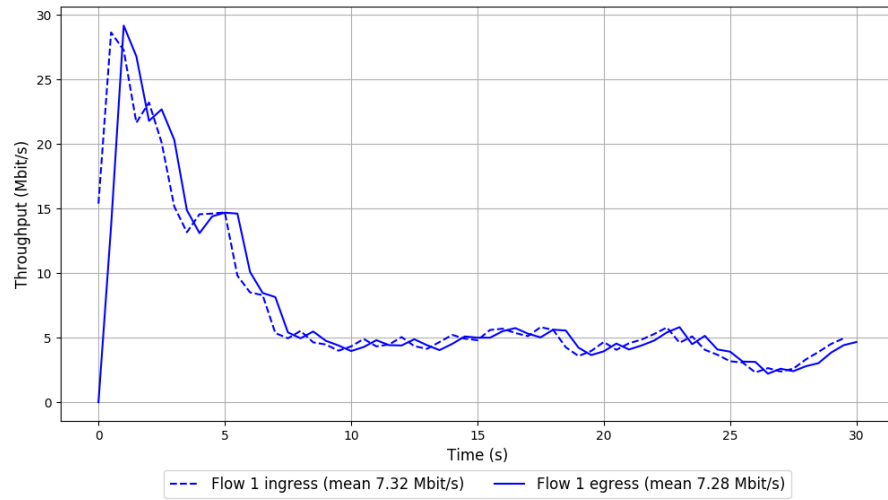
-- Flow 1:

Average throughput: 7.28 Mbit/s

95th percentile per-packet one-way delay: 41.500 ms

Loss rate: 0.83%

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



Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 13:53:41

End at: 2018-07-10 13:54:11

Local clock offset: -0.444 ms

Remote clock offset: 3.661 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.45 Mbit/s

95th percentile per-packet one-way delay: 40.537 ms

Loss rate: 0.72%

-- Flow 1:

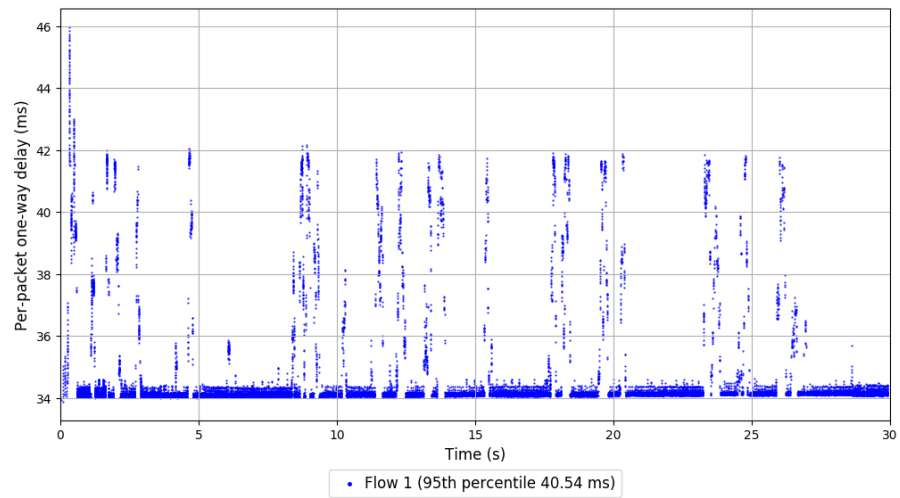
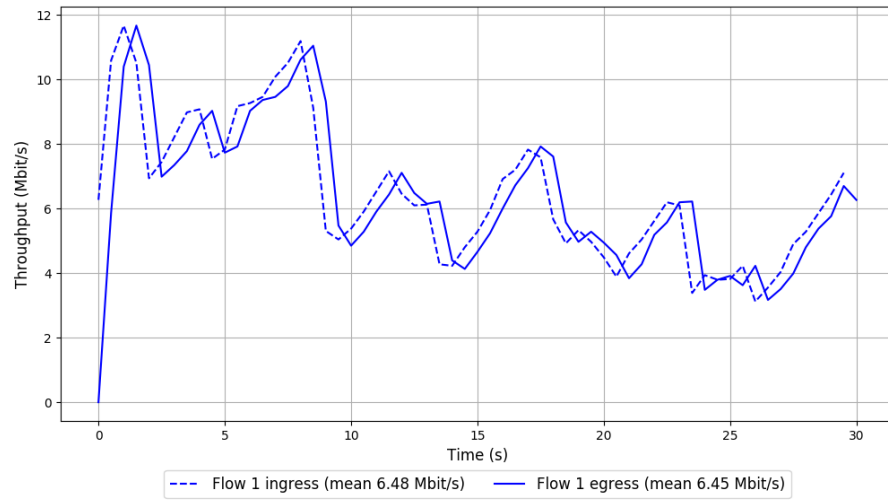
Average throughput: 6.45 Mbit/s

95th percentile per-packet one-way delay: 40.537 ms

Loss rate: 0.72%



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



Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 14:19:48

End at: 2018-07-10 14:20:18

Local clock offset: -0.481 ms

Remote clock offset: 5.912 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.68 Mbit/s

95th percentile per-packet one-way delay: 42.896 ms

Loss rate: 1.16%

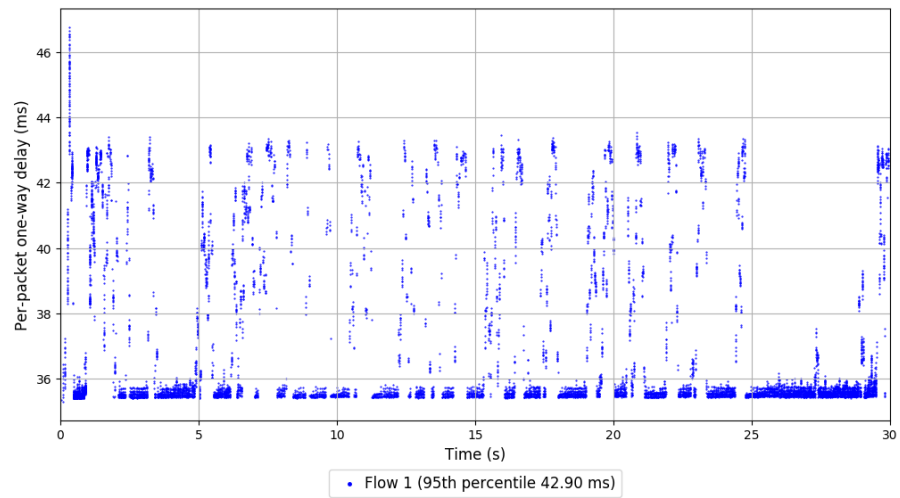
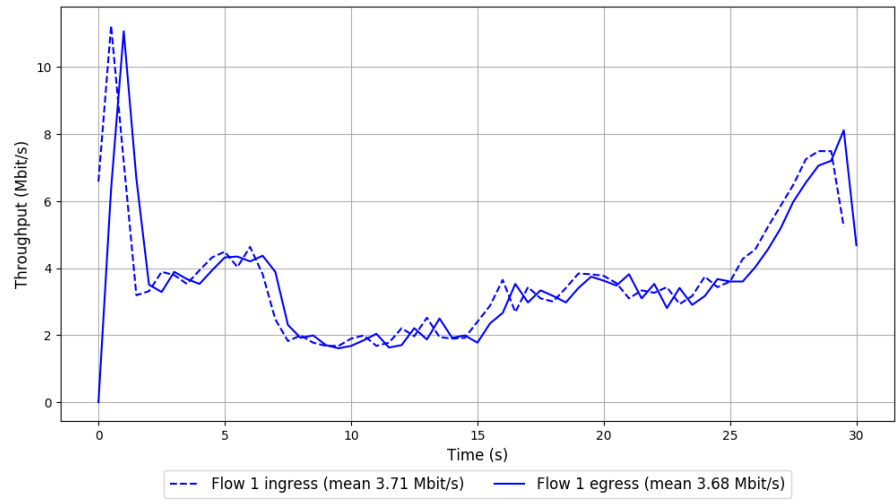
-- Flow 1:

Average throughput: 3.68 Mbit/s

95th percentile per-packet one-way delay: 42.896 ms

Loss rate: 1.16%

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



Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 14:45:38

End at: 2018-07-10 14:46:08

Local clock offset: -0.549 ms

Remote clock offset: 5.064 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.53 Mbit/s

95th percentile per-packet one-way delay: 41.387 ms

Loss rate: 1.53%

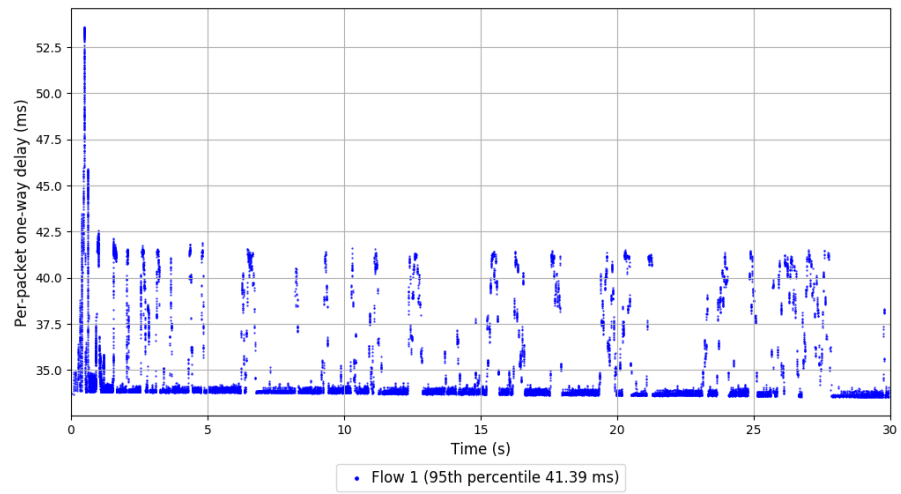
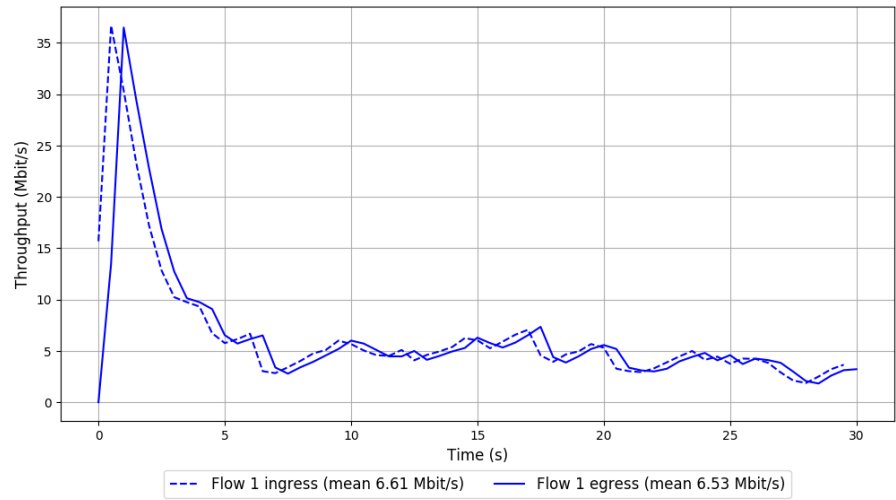
-- Flow 1:

Average throughput: 6.53 Mbit/s

95th percentile per-packet one-way delay: 41.387 ms

Loss rate: 1.53%

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

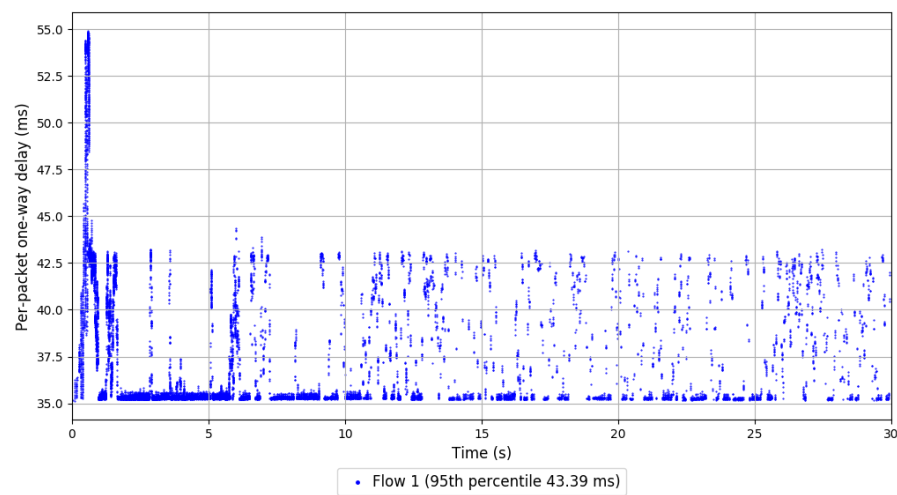
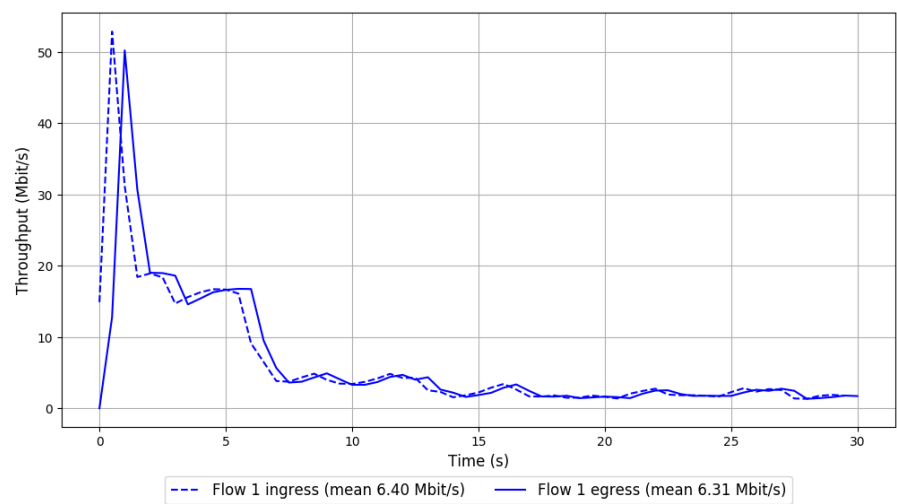


Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 15:11:42  
End at: 2018-07-10 15:12:12  
Local clock offset: -0.401 ms  
Remote clock offset: -2.149 ms

# Below is generated by plot.py at 2018-07-10 16:29:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 6.31 Mbit/s  
95th percentile per-packet one-way delay: 43.392 ms  
Loss rate: 1.59%  
-- Flow 1:  
Average throughput: 6.31 Mbit/s  
95th percentile per-packet one-way delay: 43.392 ms  
Loss rate: 1.59%

Run 8: Report of TCP Cubic — Data Link



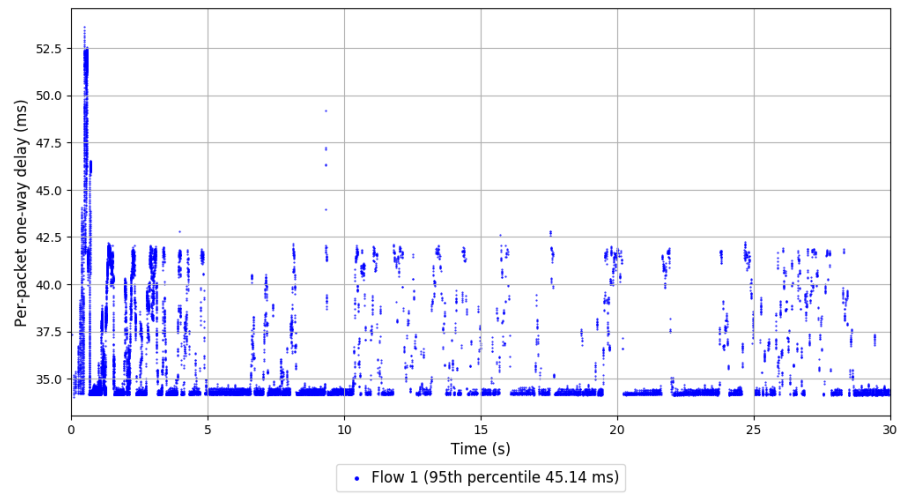
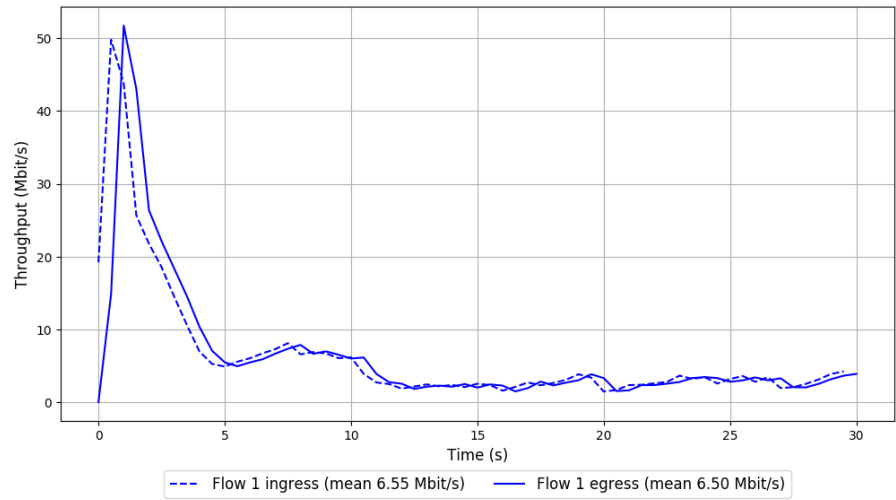
Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 15:37:39  
End at: 2018-07-10 15:38:09  
Local clock offset: -0.197 ms  
Remote clock offset: -5.596 ms

# Below is generated by plot.py at 2018-07-10 16:29:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 6.50 Mbit/s  
95th percentile per-packet one-way delay: 45.143 ms  
Loss rate: 1.03%  
-- Flow 1:  
Average throughput: 6.50 Mbit/s  
95th percentile per-packet one-way delay: 45.143 ms  
Loss rate: 1.03%



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



Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 16:01:37

End at: 2018-07-10 16:02:07

Local clock offset: 0.206 ms

Remote clock offset: 0.423 ms

# Below is generated by plot.py at 2018-07-10 16:29:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.78 Mbit/s

95th percentile per-packet one-way delay: 41.830 ms

Loss rate: 0.50%

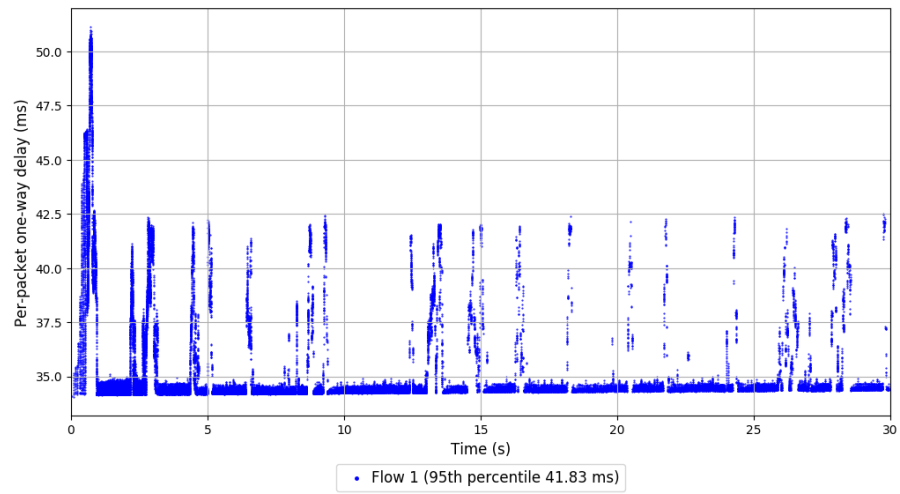
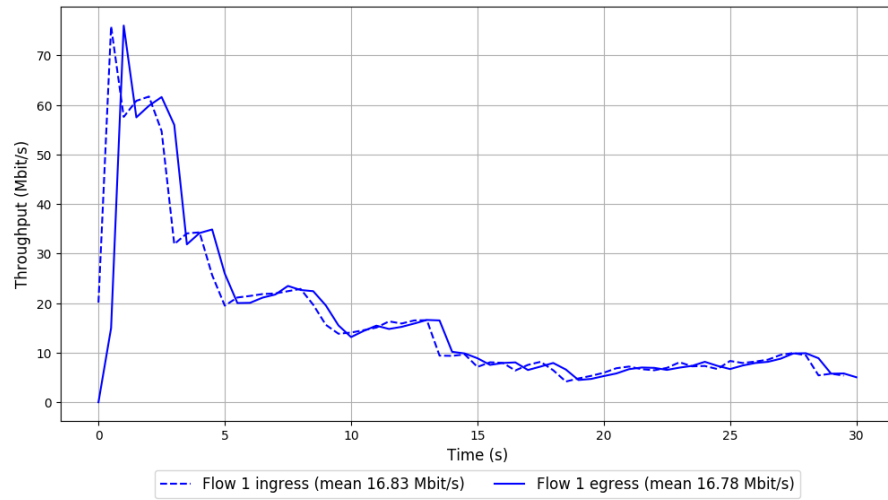
-- Flow 1:

Average throughput: 16.78 Mbit/s

95th percentile per-packet one-way delay: 41.830 ms

Loss rate: 0.50%

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



Run 1: Statistics of FillP

Start at: 2018-07-10 12:32:38

End at: 2018-07-10 12:33:08

Local clock offset: -0.053 ms

Remote clock offset: 1.489 ms

# Below is generated by plot.py at 2018-07-10 16:29:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 51.783 ms

Loss rate: 0.86%

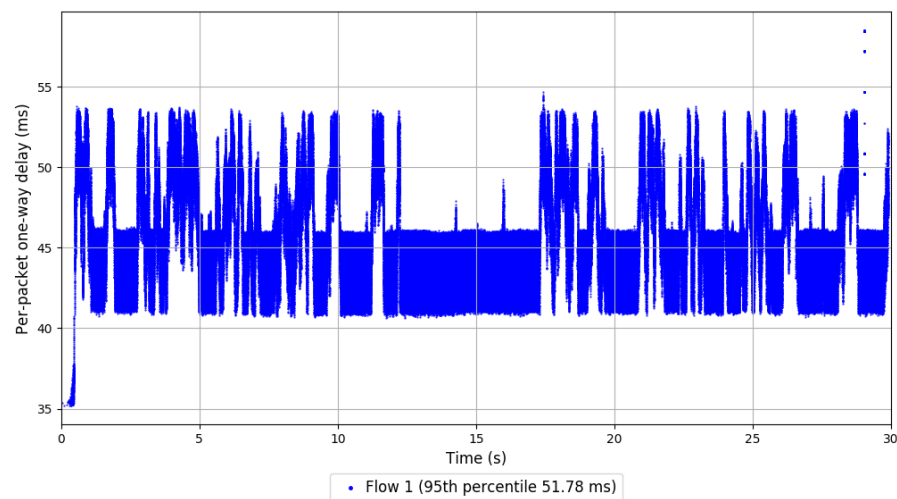
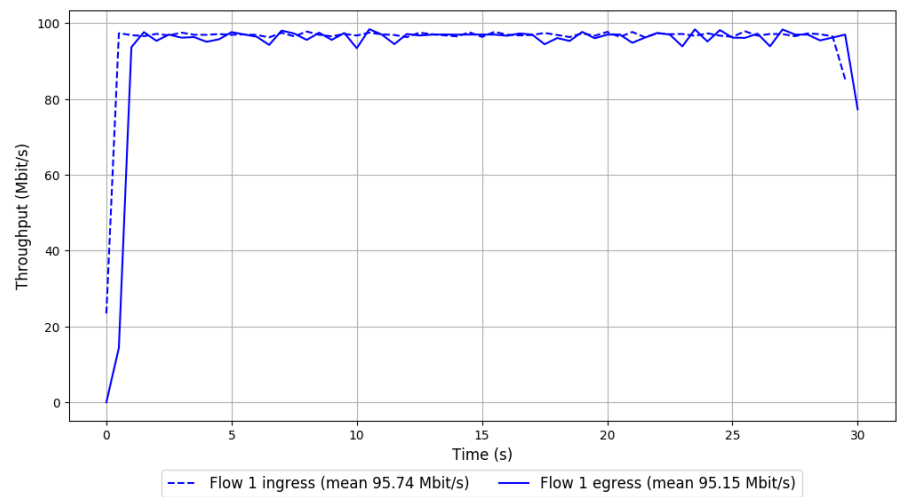
-- Flow 1:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 51.783 ms

Loss rate: 0.86%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-10 12:56:26

End at: 2018-07-10 12:56:56

Local clock offset: -0.156 ms

Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2018-07-10 16:29:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 50.997 ms

Loss rate: 1.16%

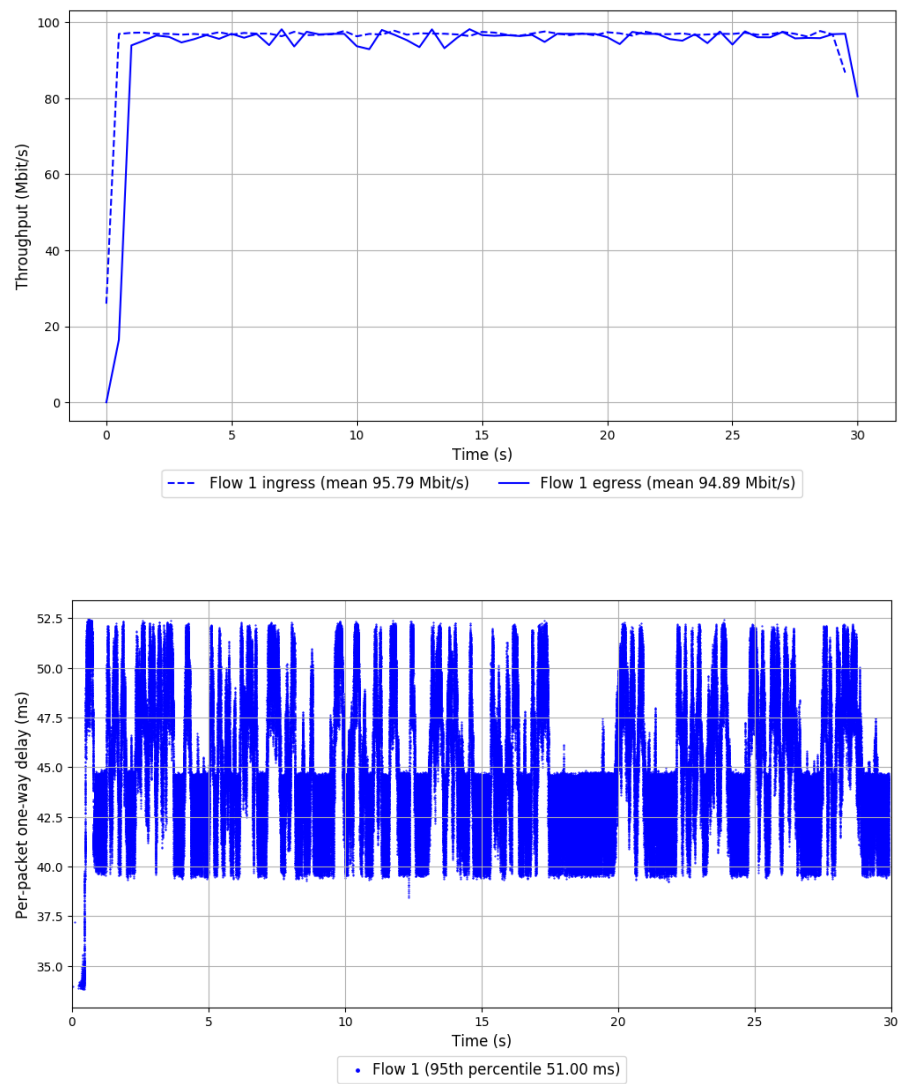
-- Flow 1:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 50.997 ms

Loss rate: 1.16%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-07-10 13:20:45

End at: 2018-07-10 13:21:15

Local clock offset: -0.127 ms

Remote clock offset: 0.367 ms

# Below is generated by plot.py at 2018-07-10 16:29:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.77 Mbit/s

95th percentile per-packet one-way delay: 51.009 ms

Loss rate: 1.26%

-- Flow 1:

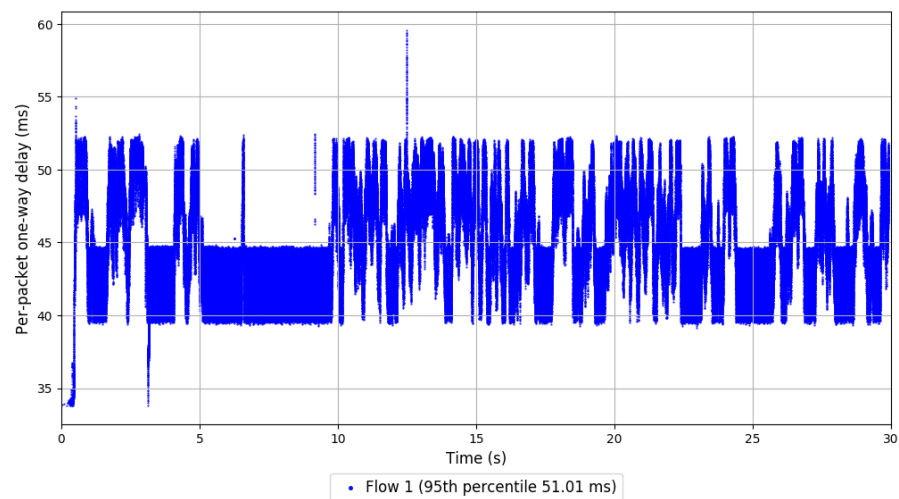
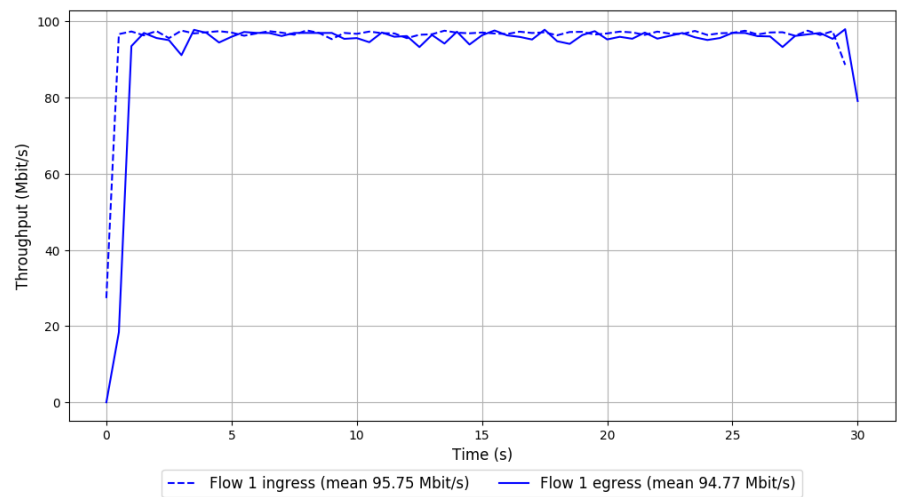
Average throughput: 94.77 Mbit/s

95th percentile per-packet one-way delay: 51.009 ms

Loss rate: 1.26%



Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-07-10 13:44:58

End at: 2018-07-10 13:45:28

Local clock offset: -0.296 ms

Remote clock offset: 2.524 ms

# Below is generated by plot.py at 2018-07-10 16:29:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.05 Mbit/s

95th percentile per-packet one-way delay: 50.643 ms

Loss rate: 0.94%

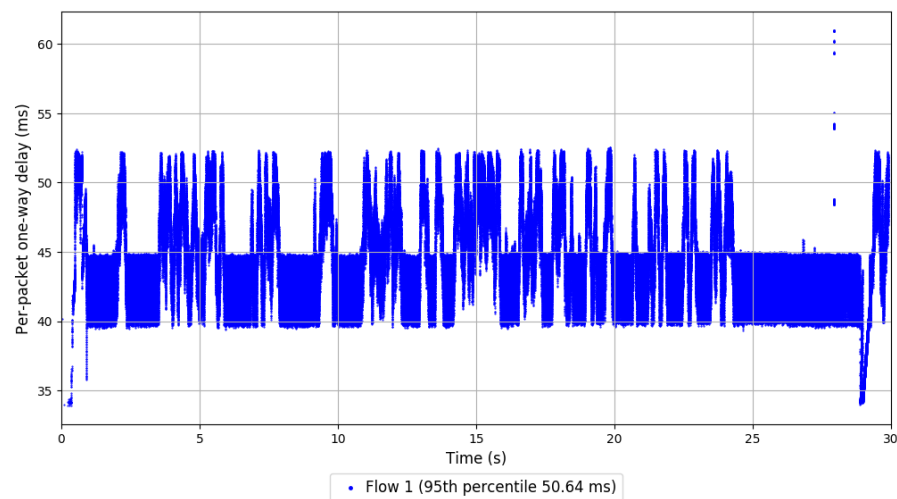
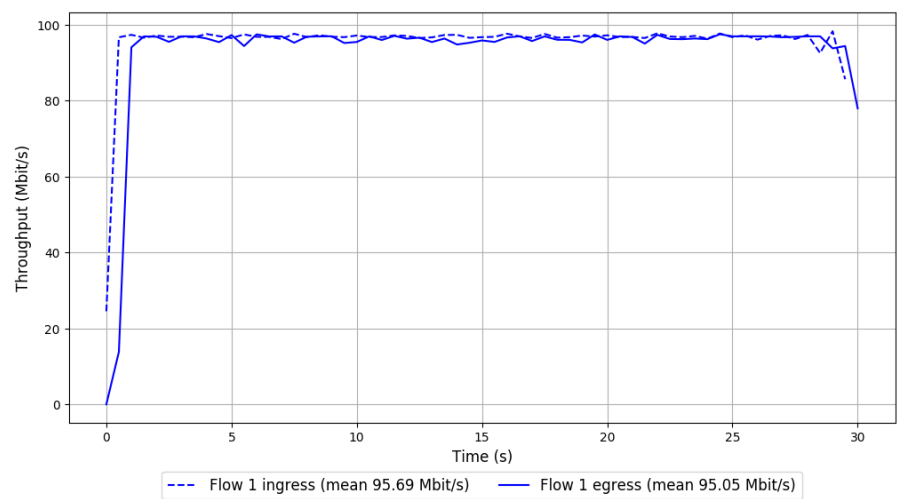
-- Flow 1:

Average throughput: 95.05 Mbit/s

95th percentile per-packet one-way delay: 50.643 ms

Loss rate: 0.94%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-07-10 14:09:28

End at: 2018-07-10 14:09:58

Local clock offset: -0.536 ms

Remote clock offset: 5.123 ms

# Below is generated by plot.py at 2018-07-10 16:29:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.05 Mbit/s

95th percentile per-packet one-way delay: 51.580 ms

Loss rate: 1.92%

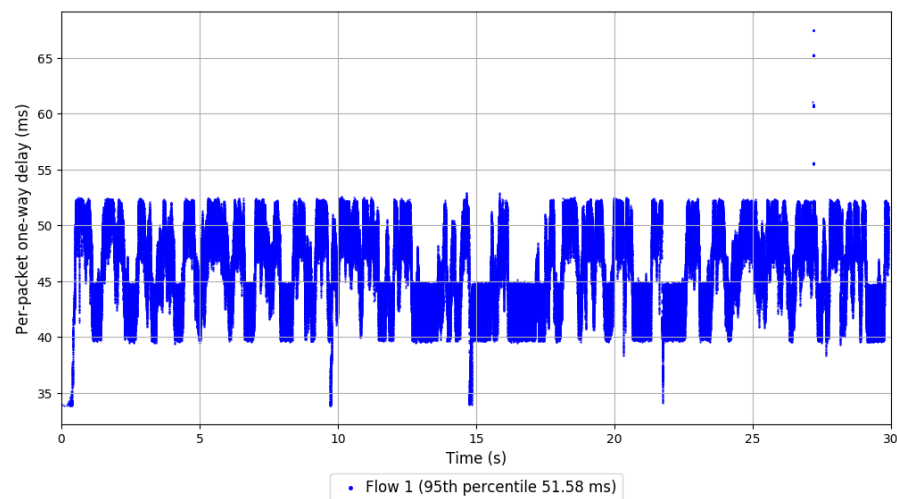
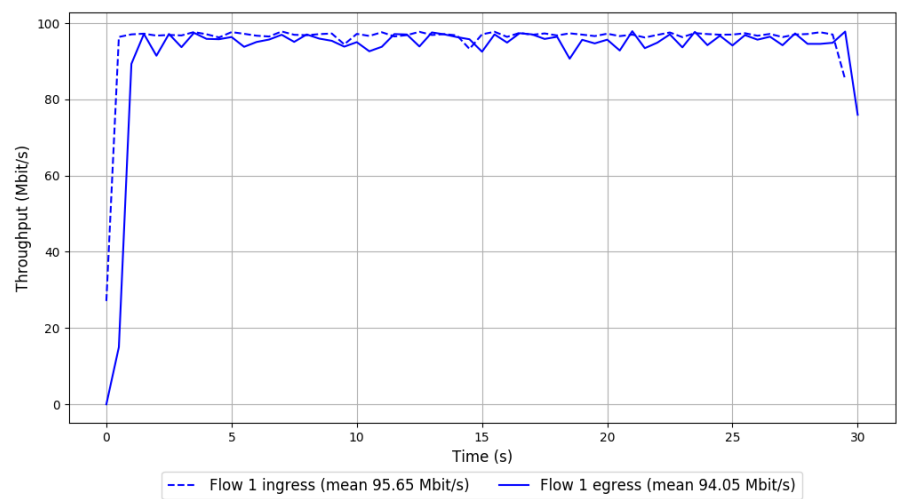
-- Flow 1:

Average throughput: 94.05 Mbit/s

95th percentile per-packet one-way delay: 51.580 ms

Loss rate: 1.92%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-07-10 14:35:39

End at: 2018-07-10 14:36:09

Local clock offset: -0.466 ms

Remote clock offset: 6.431 ms

# Below is generated by plot.py at 2018-07-10 16:29:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 51.586 ms

Loss rate: 2.85%

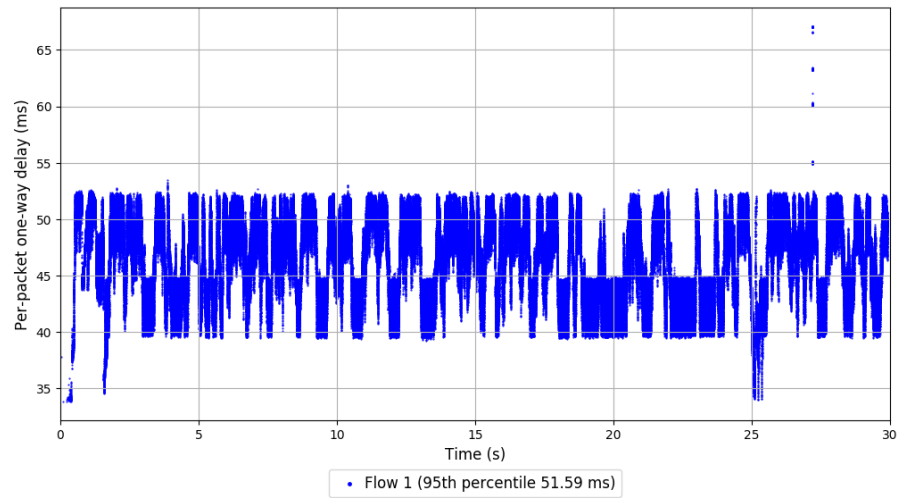
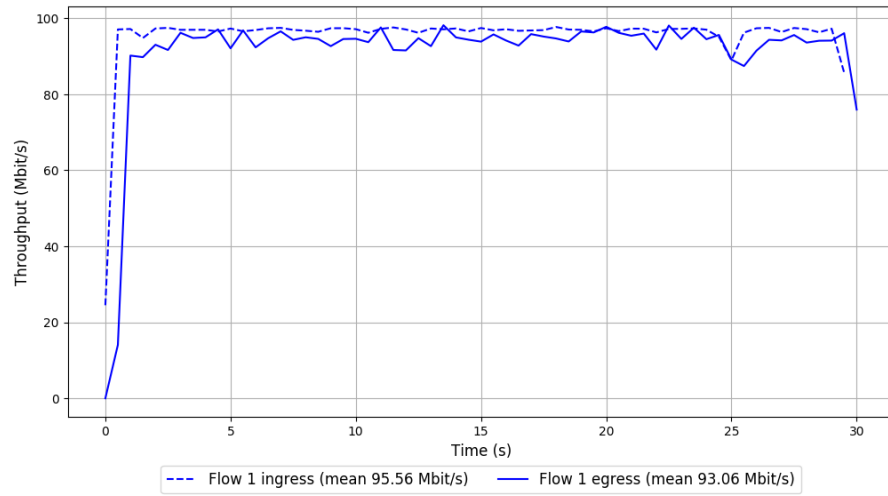
-- Flow 1:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 51.586 ms

Loss rate: 2.85%

## Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-07-10 15:00:48

End at: 2018-07-10 15:01:18

Local clock offset: -0.472 ms

Remote clock offset: -0.48 ms

# Below is generated by plot.py at 2018-07-10 16:30:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.96 Mbit/s

95th percentile per-packet one-way delay: 52.775 ms

Loss rate: 2.06%

-- Flow 1:

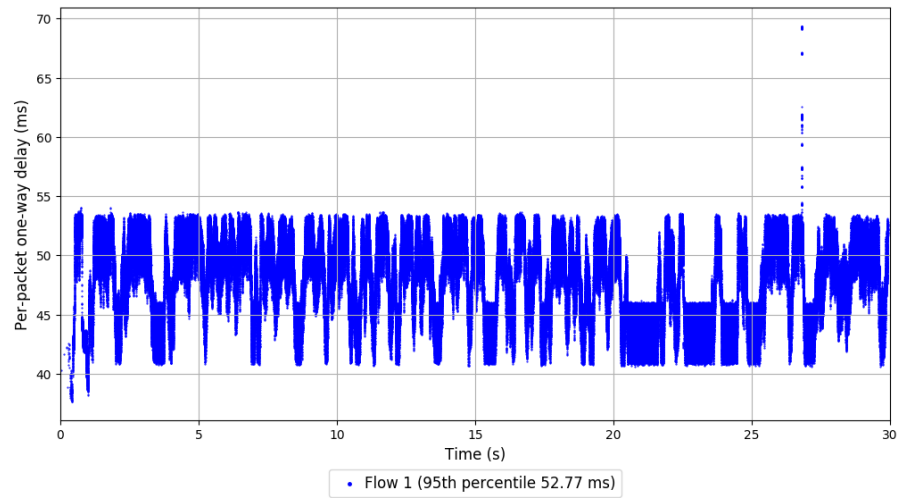
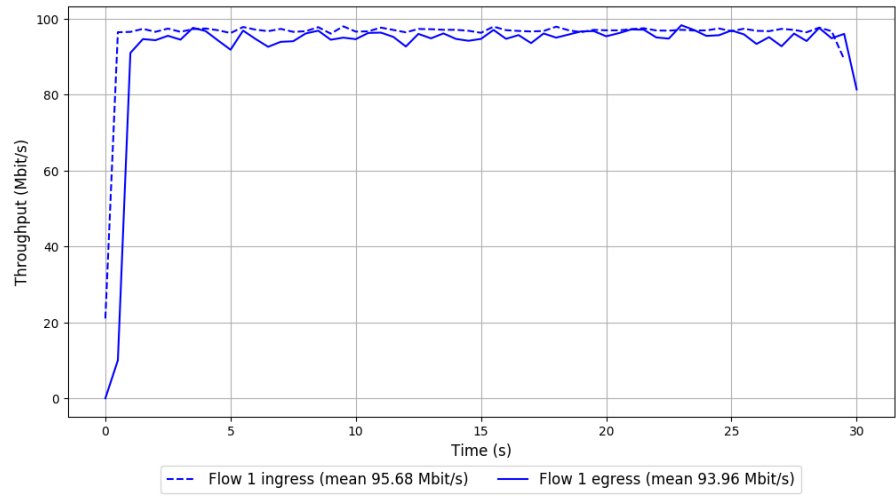
Average throughput: 93.96 Mbit/s

95th percentile per-packet one-way delay: 52.775 ms

Loss rate: 2.06%



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

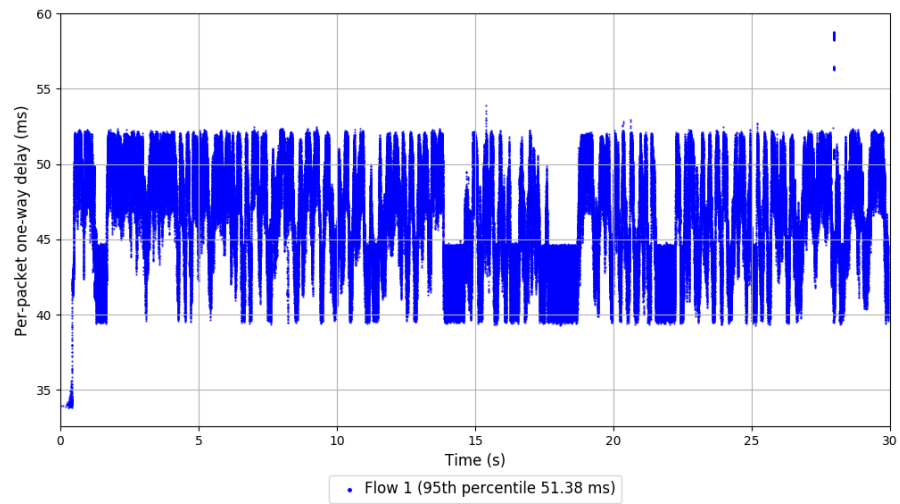
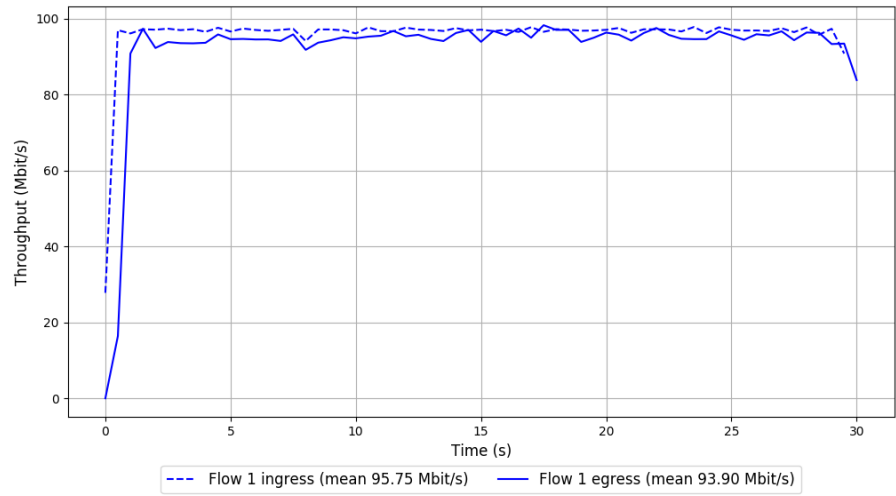


Run 8: Statistics of FillP

Start at: 2018-07-10 15:27:34  
End at: 2018-07-10 15:28:05  
Local clock offset: -0.306 ms  
Remote clock offset: -4.346 ms

# Below is generated by plot.py at 2018-07-10 16:30:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.90 Mbit/s  
95th percentile per-packet one-way delay: 51.375 ms  
Loss rate: 2.17%  
-- Flow 1:  
Average throughput: 93.90 Mbit/s  
95th percentile per-packet one-way delay: 51.375 ms  
Loss rate: 2.17%

## Run 8: Report of FillP — Data Link

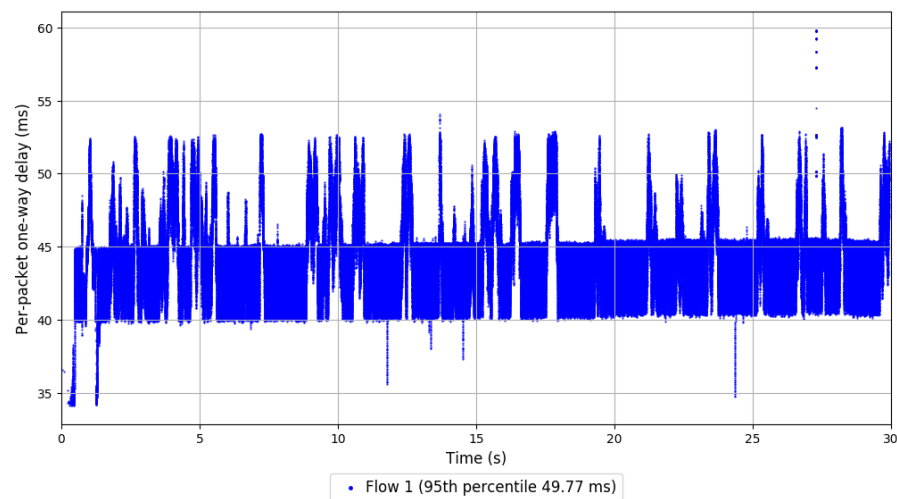
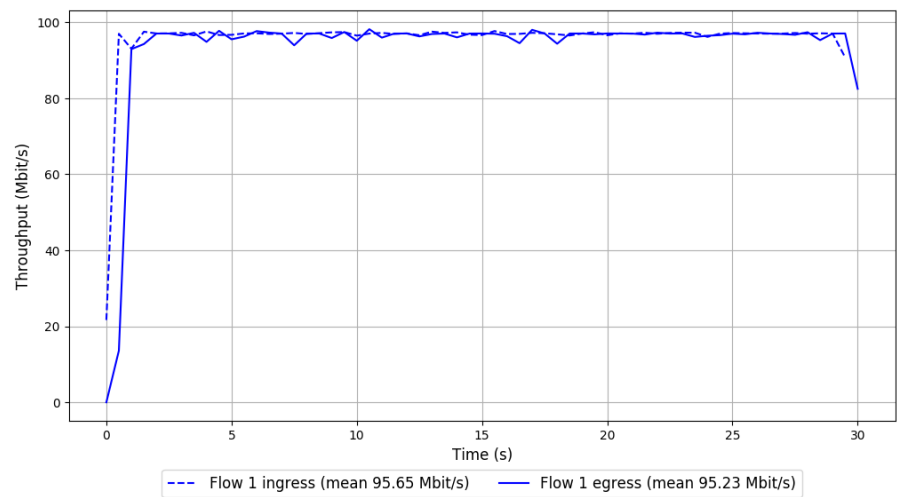


Run 9: Statistics of FillP

Start at: 2018-07-10 15:53:04  
End at: 2018-07-10 15:53:34  
Local clock offset: -0.026 ms  
Remote clock offset: -5.909 ms

# Below is generated by plot.py at 2018-07-10 16:30:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.23 Mbit/s  
95th percentile per-packet one-way delay: 49.773 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 95.23 Mbit/s  
95th percentile per-packet one-way delay: 49.773 ms  
Loss rate: 0.68%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-07-10 16:16:28

End at: 2018-07-10 16:16:58

Local clock offset: 0.165 ms

Remote clock offset: 4.293 ms

# Below is generated by plot.py at 2018-07-10 16:31:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 49.394 ms

Loss rate: 0.78%

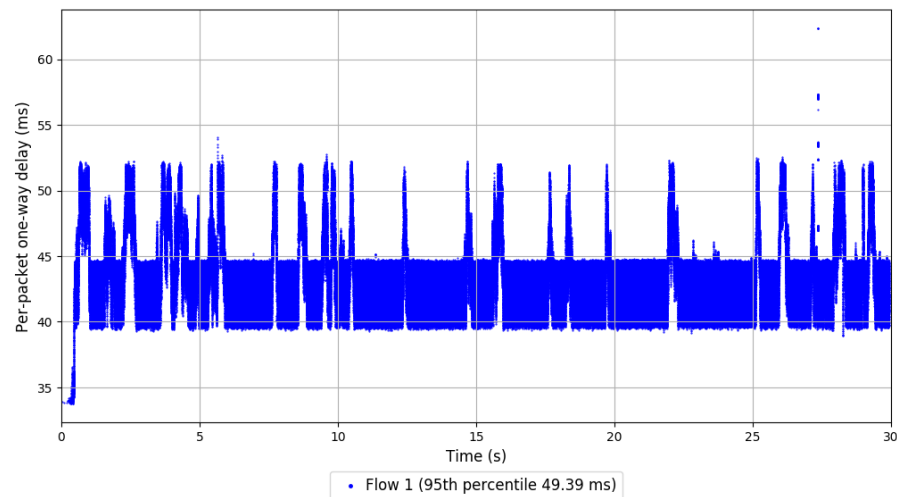
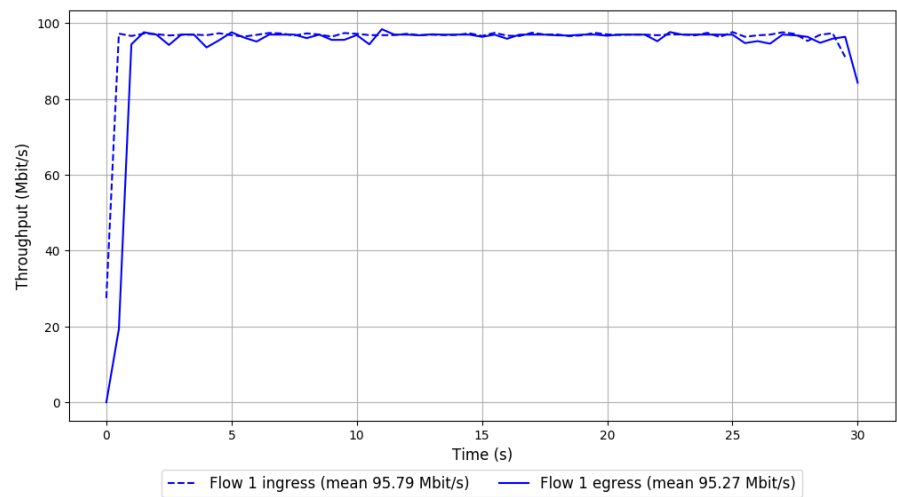
-- Flow 1:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 49.394 ms

Loss rate: 0.78%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 12:16:38

End at: 2018-07-10 12:17:08

Local clock offset: -0.001 ms

Remote clock offset: 2.709 ms

# Below is generated by plot.py at 2018-07-10 16:31:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.13 Mbit/s

95th percentile per-packet one-way delay: 50.601 ms

Loss rate: 0.53%

-- Flow 1:

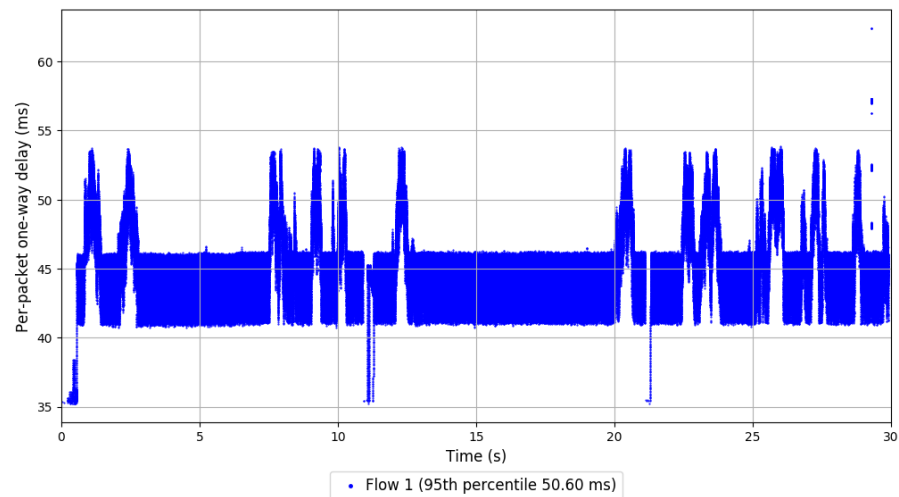
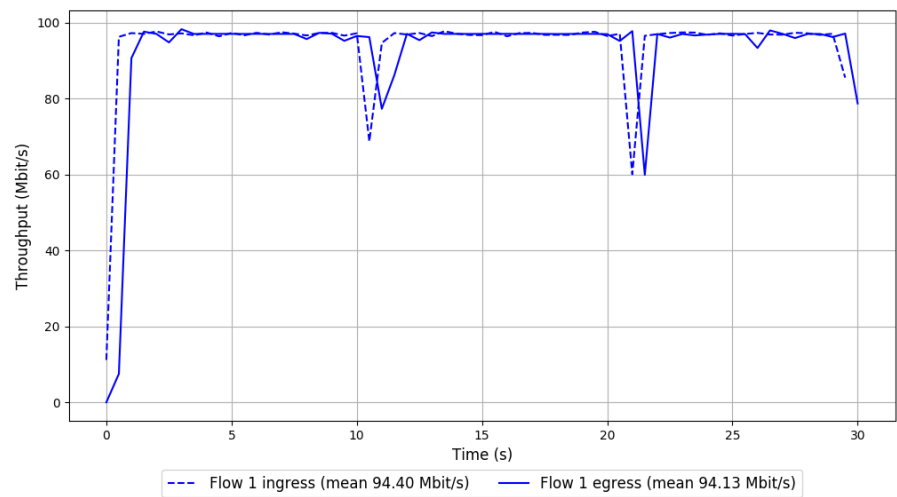
Average throughput: 94.13 Mbit/s

95th percentile per-packet one-way delay: 50.601 ms

Loss rate: 0.53%



Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 12:40:04

End at: 2018-07-10 12:40:34

Local clock offset: -0.074 ms

Remote clock offset: 0.505 ms

# Below is generated by plot.py at 2018-07-10 16:31:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 50.937 ms

Loss rate: 1.05%

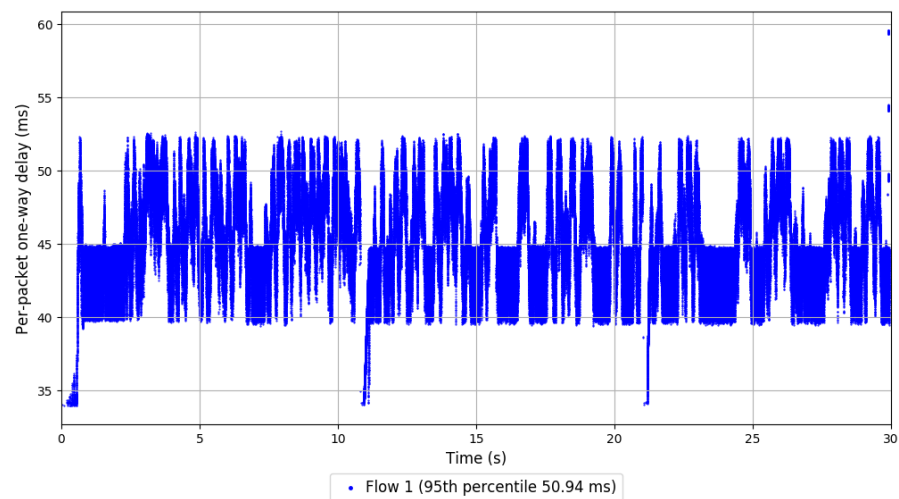
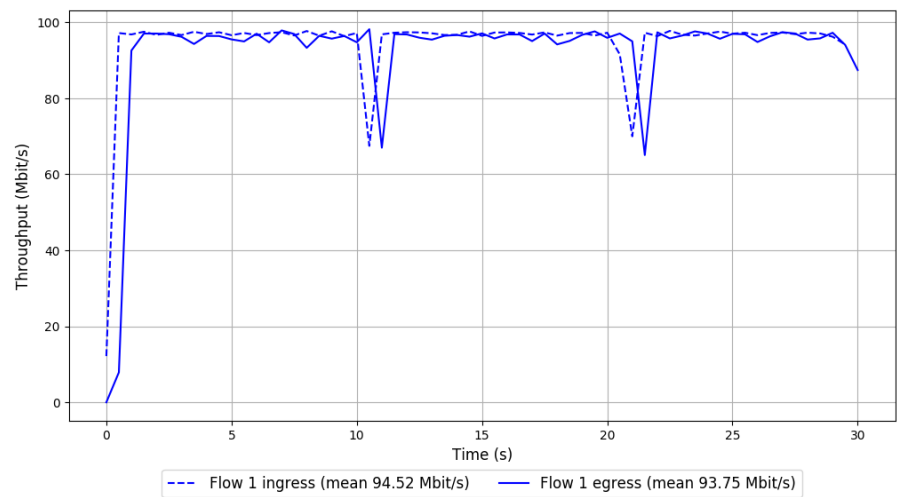
-- Flow 1:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 50.937 ms

Loss rate: 1.05%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 13:04:10

End at: 2018-07-10 13:04:40

Local clock offset: -0.064 ms

Remote clock offset: 0.289 ms

# Below is generated by plot.py at 2018-07-10 16:31:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.39 Mbit/s

95th percentile per-packet one-way delay: 51.235 ms

Loss rate: 1.28%

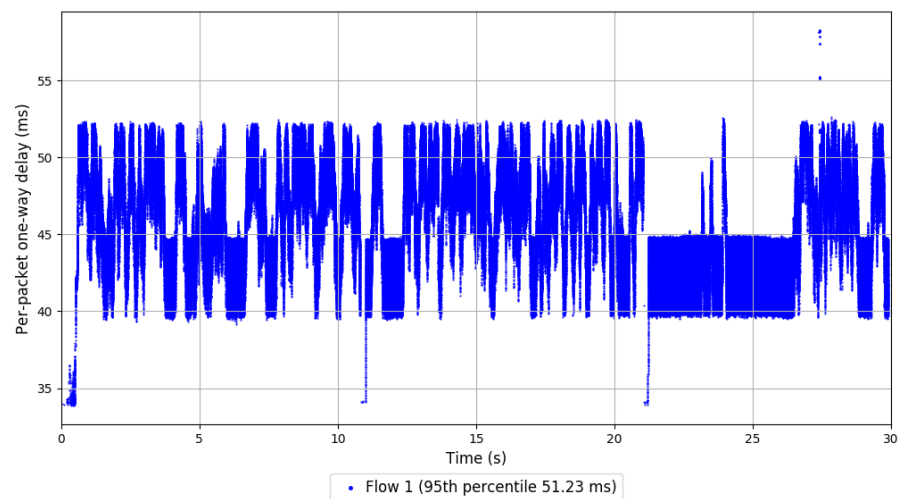
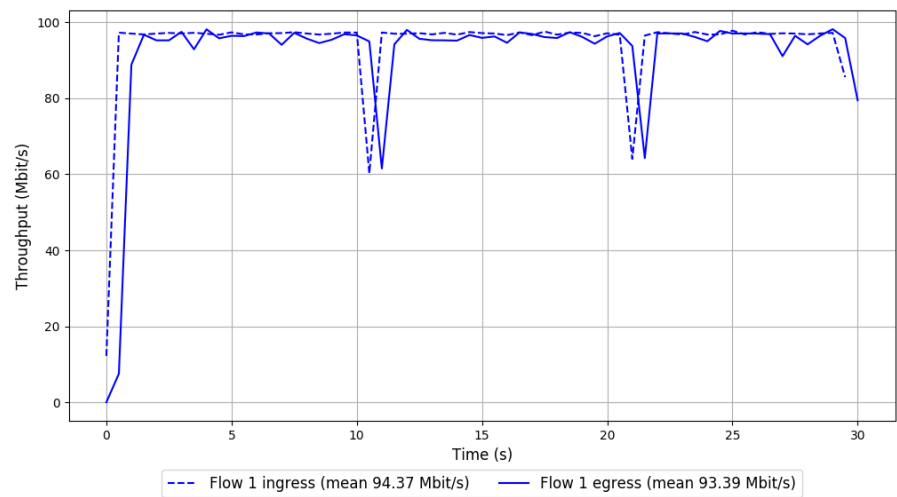
-- Flow 1:

Average throughput: 93.39 Mbit/s

95th percentile per-packet one-way delay: 51.235 ms

Loss rate: 1.28%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 13:28:31

End at: 2018-07-10 13:29:01

Local clock offset: -0.034 ms

Remote clock offset: 0.319 ms

# Below is generated by plot.py at 2018-07-10 16:31:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.28 Mbit/s

95th percentile per-packet one-way delay: 52.682 ms

Loss rate: 1.27%

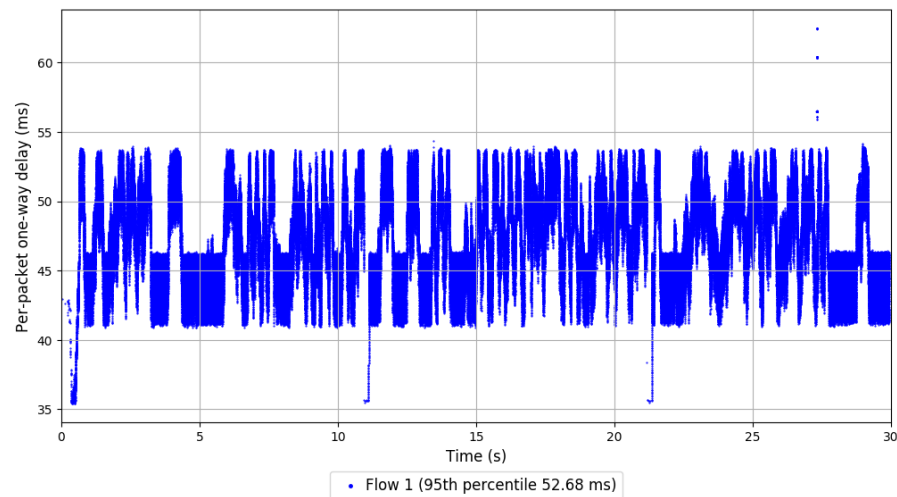
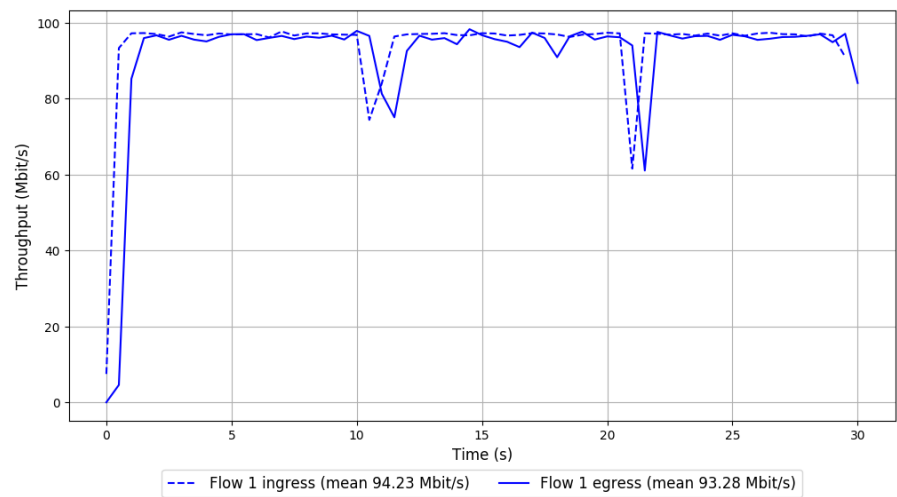
-- Flow 1:

Average throughput: 93.28 Mbit/s

95th percentile per-packet one-way delay: 52.682 ms

Loss rate: 1.27%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 13:52:11

End at: 2018-07-10 13:52:41

Local clock offset: -0.41 ms

Remote clock offset: 3.438 ms

# Below is generated by plot.py at 2018-07-10 16:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 51.222 ms

Loss rate: 1.06%

-- Flow 1:

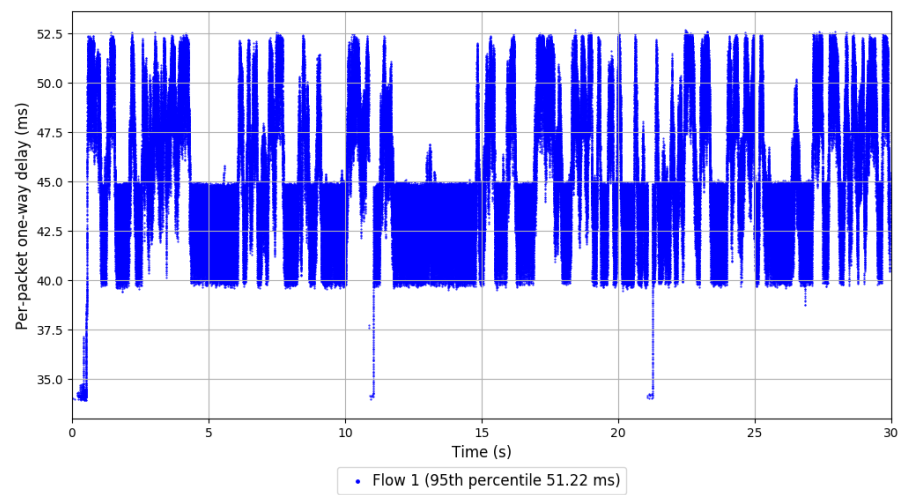
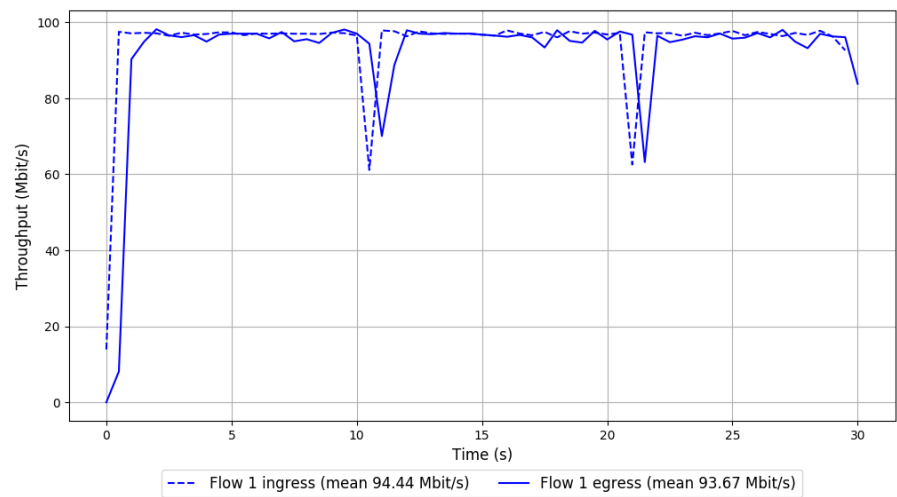
Average throughput: 93.67 Mbit/s

95th percentile per-packet one-way delay: 51.222 ms

Loss rate: 1.06%



Run 5: Report of FillP-Sheep — Data Link

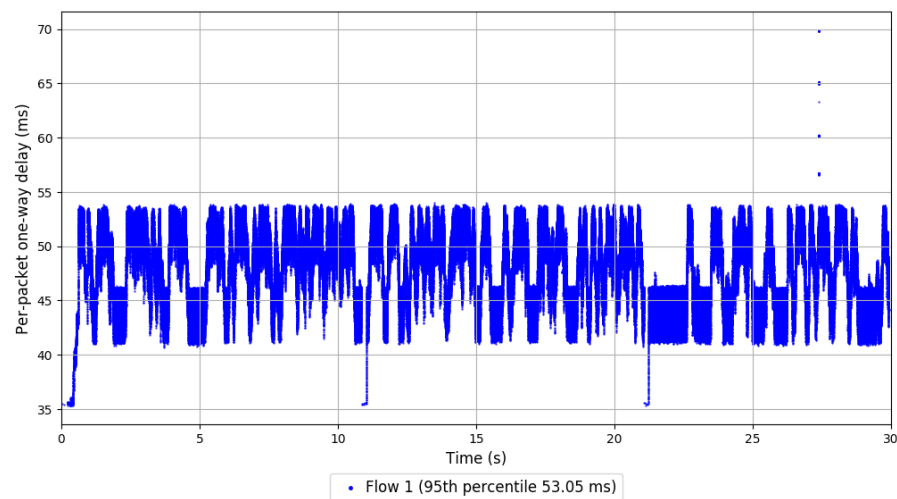
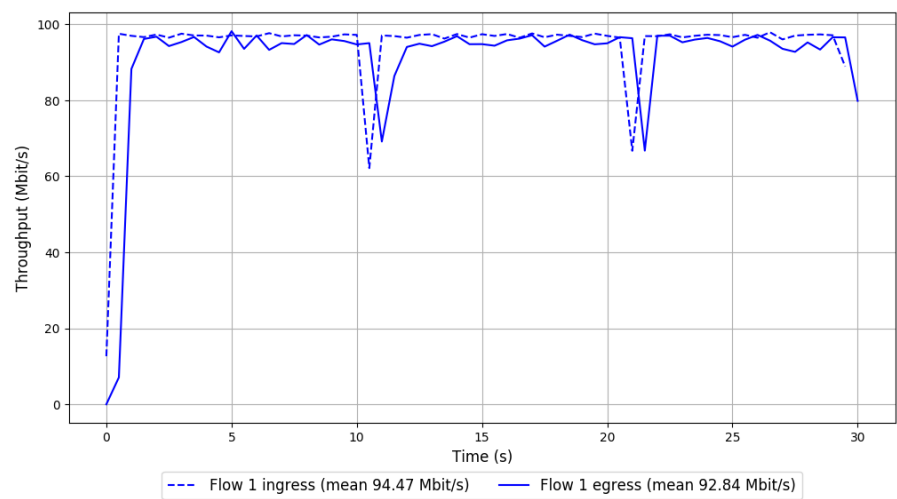


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 14:18:06  
End at: 2018-07-10 14:18:36  
Local clock offset: -0.471 ms  
Remote clock offset: 5.815 ms

# Below is generated by plot.py at 2018-07-10 16:32:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.84 Mbit/s  
95th percentile per-packet one-way delay: 53.050 ms  
Loss rate: 1.97%  
-- Flow 1:  
Average throughput: 92.84 Mbit/s  
95th percentile per-packet one-way delay: 53.050 ms  
Loss rate: 1.97%

Run 6: Report of FillP-Sheep — Data Link

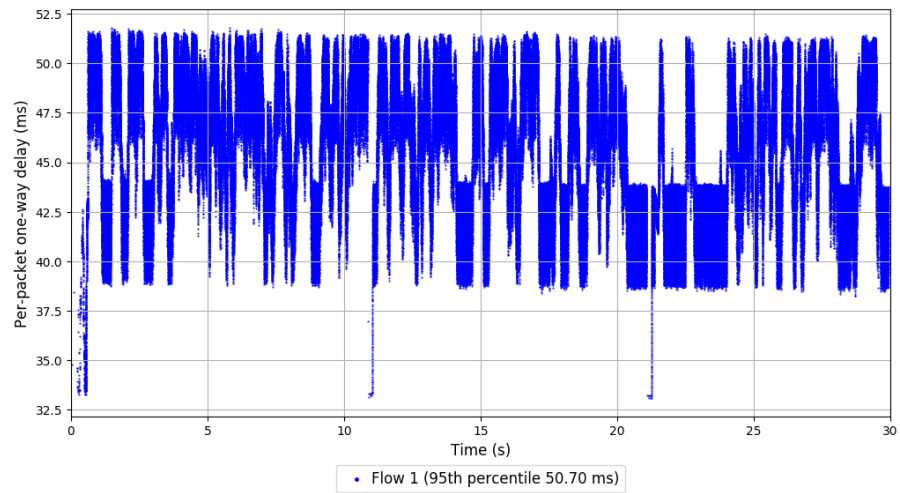
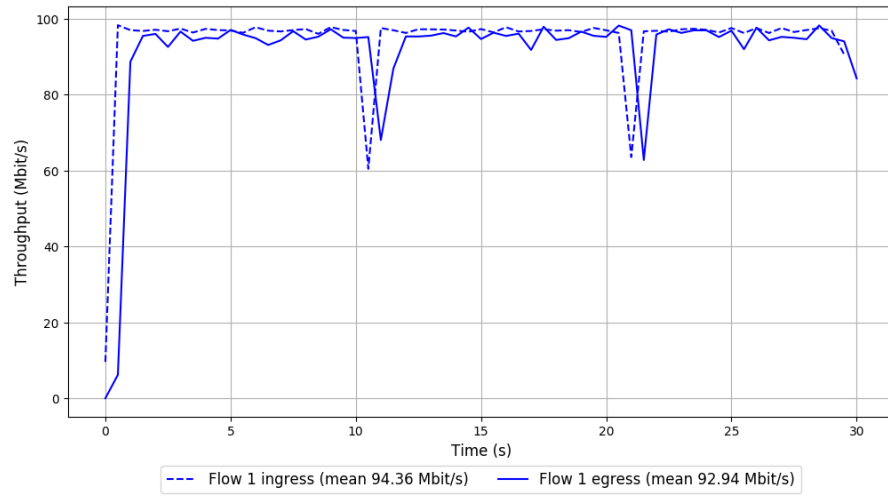


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 14:44:01  
End at: 2018-07-10 14:44:31  
Local clock offset: -0.563 ms  
Remote clock offset: 6.585 ms

# Below is generated by plot.py at 2018-07-10 16:32:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.94 Mbit/s  
95th percentile per-packet one-way delay: 50.699 ms  
Loss rate: 1.75%  
-- Flow 1:  
Average throughput: 92.94 Mbit/s  
95th percentile per-packet one-way delay: 50.699 ms  
Loss rate: 1.75%

## Run 7: Report of FillP-Sheep — Data Link

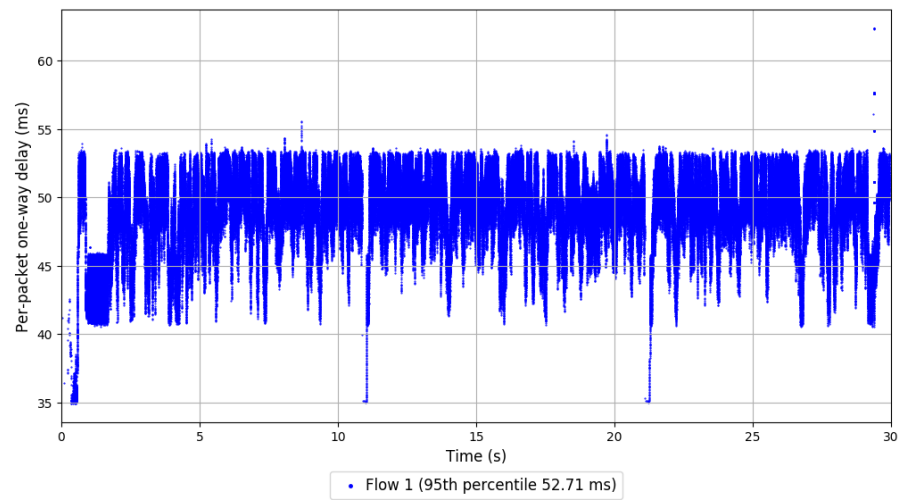
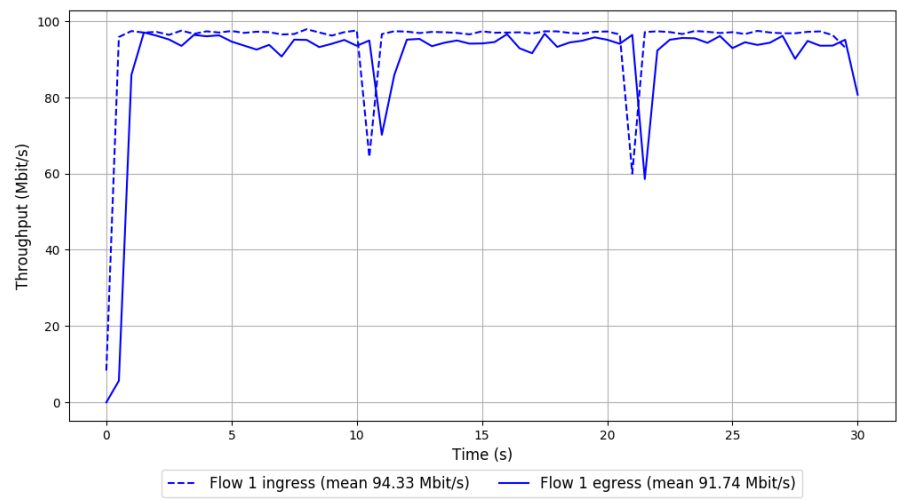


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 15:09:58  
End at: 2018-07-10 15:10:28  
Local clock offset: -0.51 ms  
Remote clock offset: -1.991 ms

# Below is generated by plot.py at 2018-07-10 16:32:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 52.707 ms  
Loss rate: 2.99%  
-- Flow 1:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 52.707 ms  
Loss rate: 2.99%

Run 8: Report of FillP-Sheep — Data Link



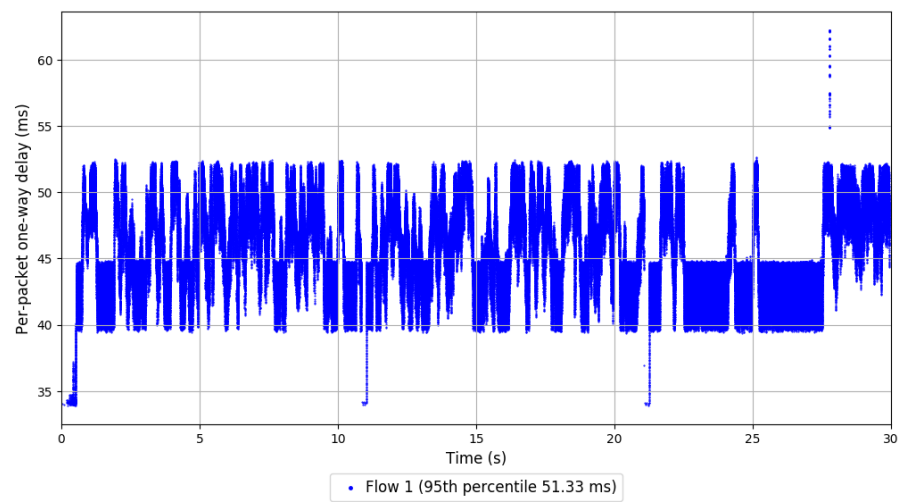
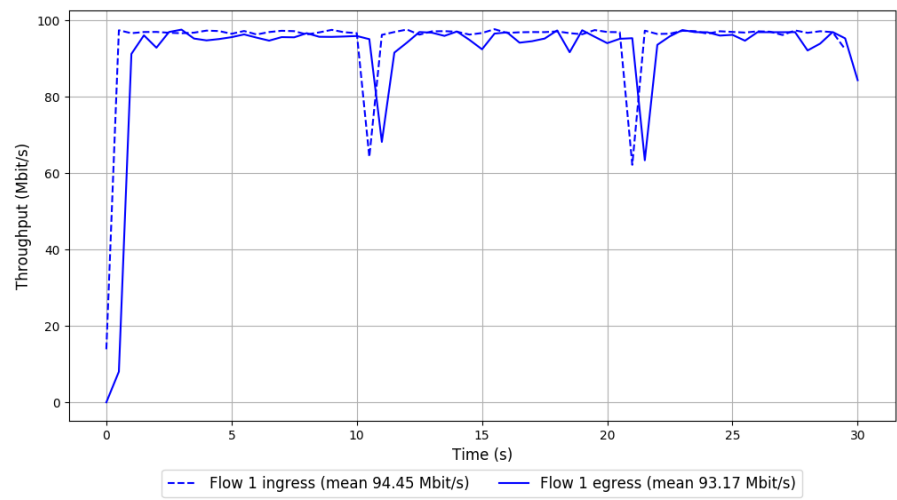
Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 15:36:12  
End at: 2018-07-10 15:36:42  
Local clock offset: -0.206 ms  
Remote clock offset: -5.396 ms

# Below is generated by plot.py at 2018-07-10 16:32:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.17 Mbit/s  
95th percentile per-packet one-way delay: 51.334 ms  
Loss rate: 1.60%  
-- Flow 1:  
Average throughput: 93.17 Mbit/s  
95th percentile per-packet one-way delay: 51.334 ms  
Loss rate: 1.60%



Run 9: Report of FillP-Sheep — Data Link

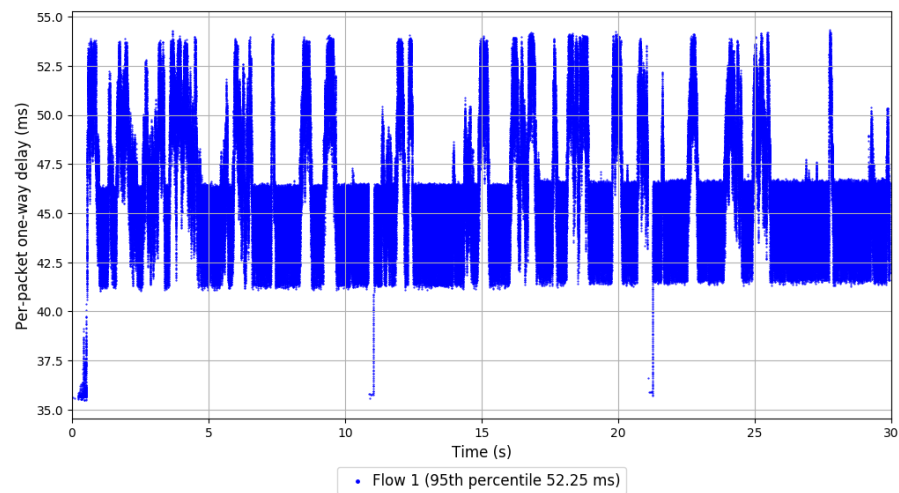
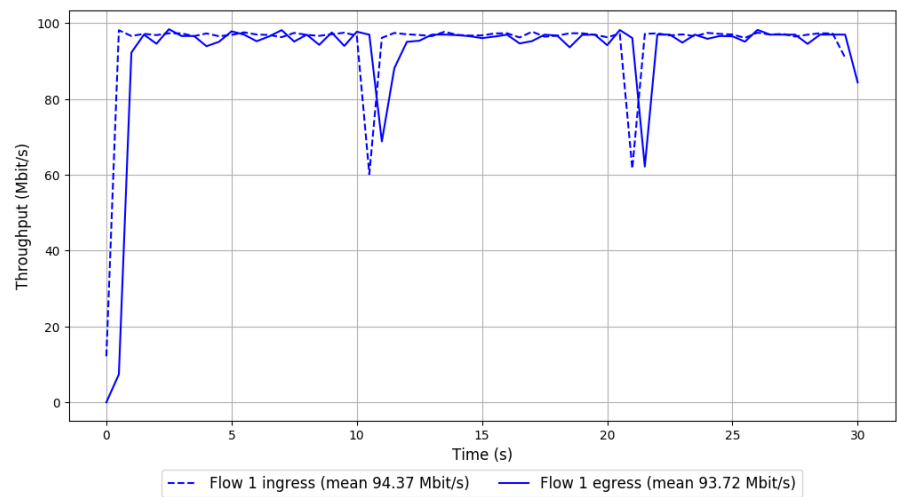


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 16:00:13  
End at: 2018-07-10 16:00:43  
Local clock offset: 0.193 ms  
Remote clock offset: -0.349 ms

# Below is generated by plot.py at 2018-07-10 16:32:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.72 Mbit/s  
95th percentile per-packet one-way delay: 52.246 ms  
Loss rate: 0.93%  
-- Flow 1:  
Average throughput: 93.72 Mbit/s  
95th percentile per-packet one-way delay: 52.246 ms  
Loss rate: 0.93%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-10 12:28:29

End at: 2018-07-10 12:28:59

Local clock offset: -0.135 ms

Remote clock offset: 2.476 ms

# Below is generated by plot.py at 2018-07-10 16:32:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.38 Mbit/s

95th percentile per-packet one-way delay: 41.976 ms

Loss rate: 0.87%

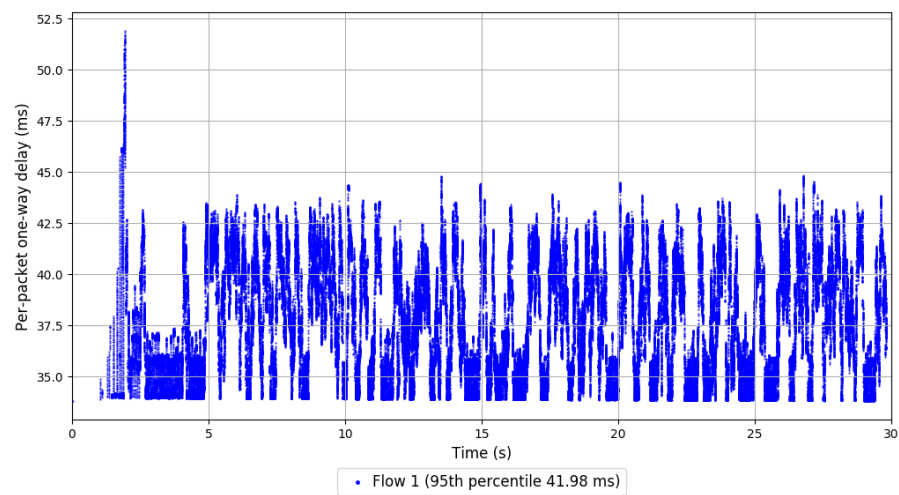
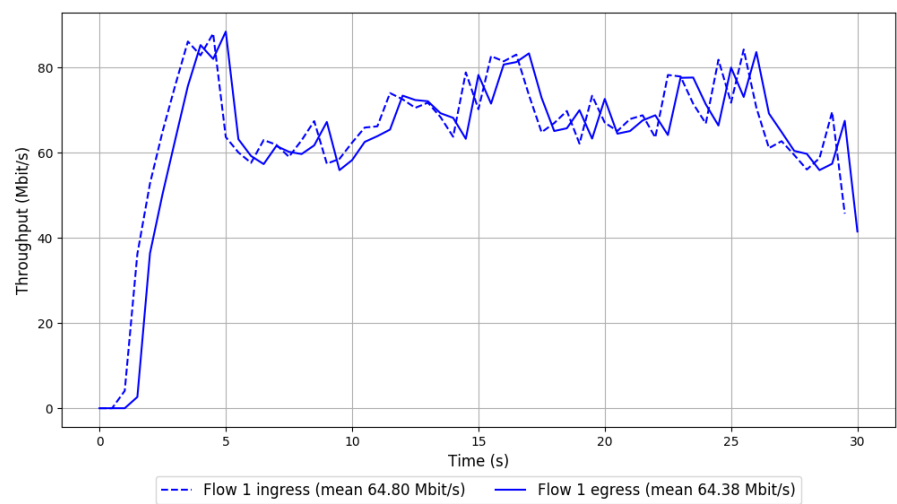
-- Flow 1:

Average throughput: 64.38 Mbit/s

95th percentile per-packet one-way delay: 41.976 ms

Loss rate: 0.87%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-07-10 12:51:58

End at: 2018-07-10 12:52:28

Local clock offset: -0.162 ms

Remote clock offset: 0.163 ms

# Below is generated by plot.py at 2018-07-10 16:32:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.51 Mbit/s

95th percentile per-packet one-way delay: 42.005 ms

Loss rate: 0.72%

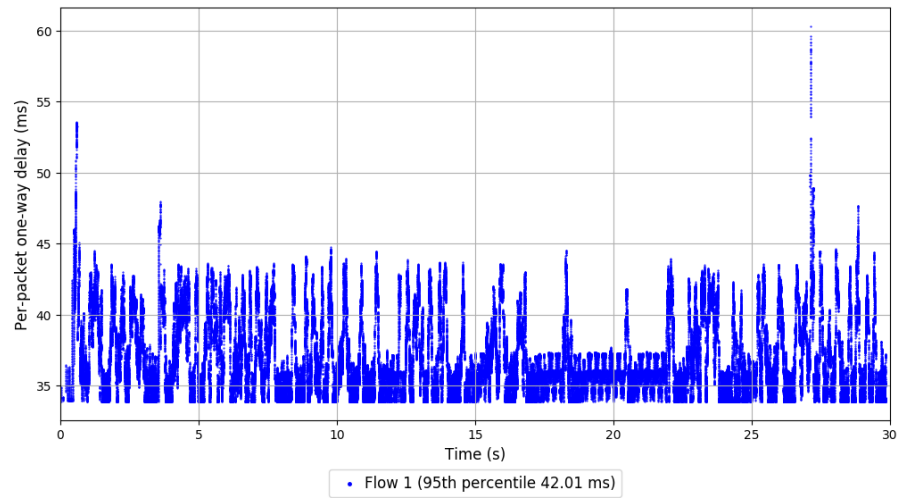
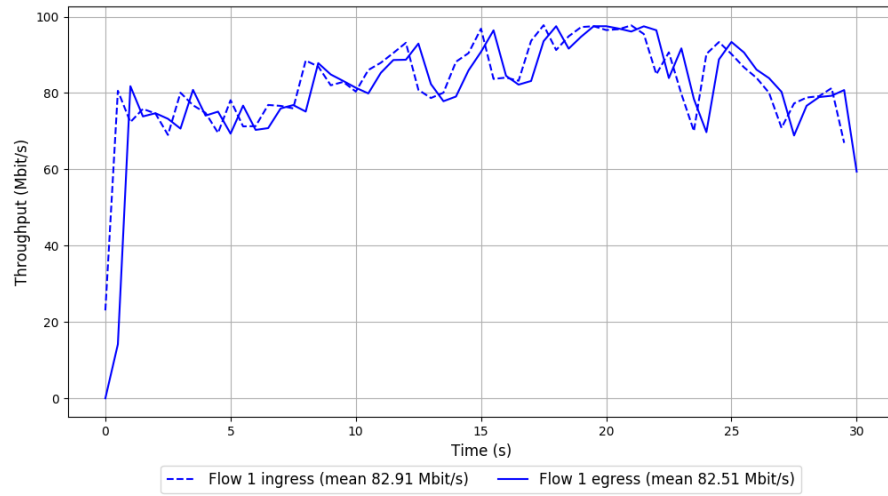
-- Flow 1:

Average throughput: 82.51 Mbit/s

95th percentile per-packet one-way delay: 42.005 ms

Loss rate: 0.72%

## Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-07-10 13:16:17

End at: 2018-07-10 13:16:47

Local clock offset: -0.038 ms

Remote clock offset: 0.447 ms

# Below is generated by plot.py at 2018-07-10 16:32:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.88 Mbit/s

95th percentile per-packet one-way delay: 42.700 ms

Loss rate: 0.93%

-- Flow 1:

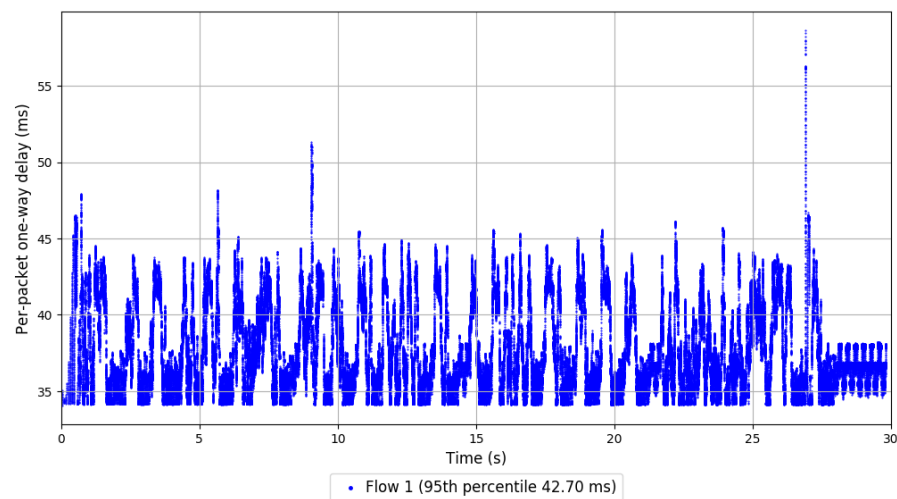
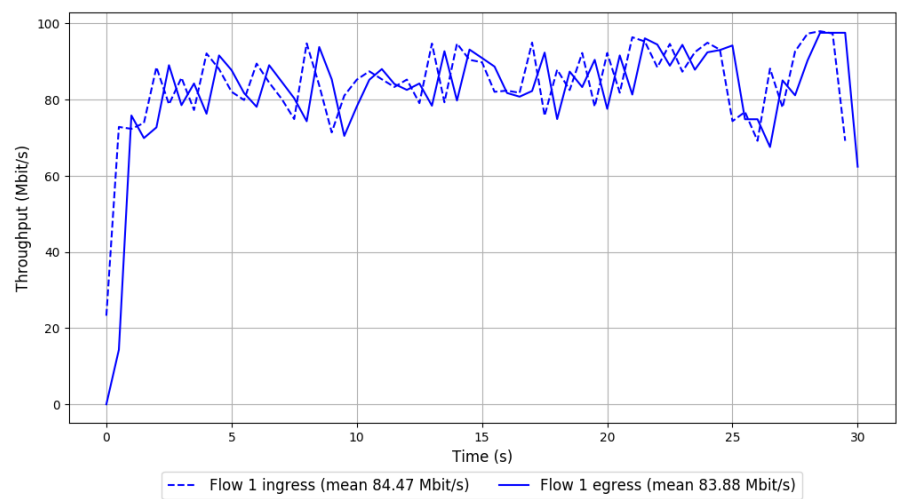
Average throughput: 83.88 Mbit/s

95th percentile per-packet one-way delay: 42.700 ms

Loss rate: 0.93%



Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-10 13:40:33

End at: 2018-07-10 13:41:03

Local clock offset: -0.122 ms

Remote clock offset: 1.856 ms

# Below is generated by plot.py at 2018-07-10 16:32:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 42.250 ms

Loss rate: 0.93%

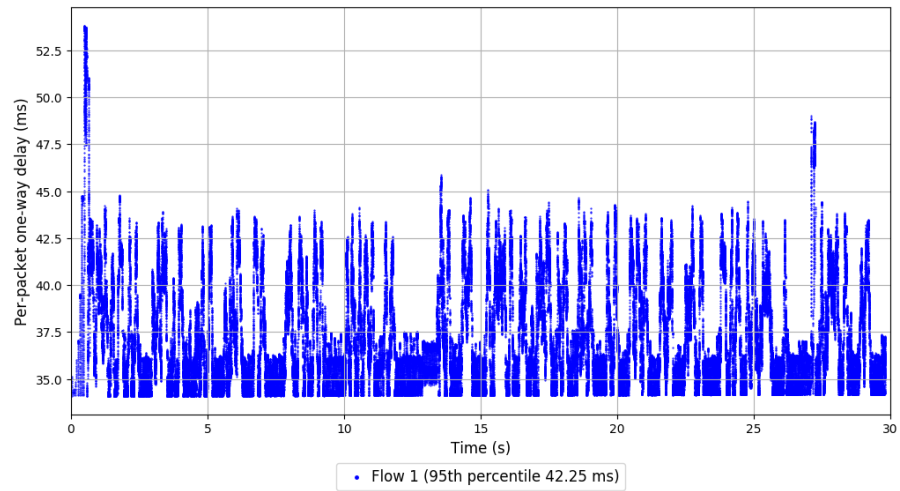
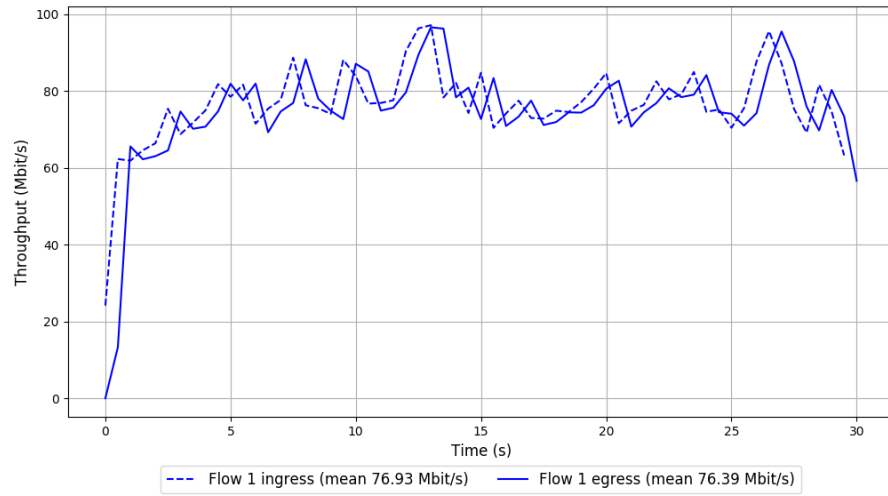
-- Flow 1:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 42.250 ms

Loss rate: 0.93%

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



Run 5: Statistics of Indigo

Start at: 2018-07-10 14:04:44

End at: 2018-07-10 14:05:14

Local clock offset: -0.444 ms

Remote clock offset: 4.838 ms

# Below is generated by plot.py at 2018-07-10 16:33:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.41 Mbit/s

95th percentile per-packet one-way delay: 42.199 ms

Loss rate: 1.32%

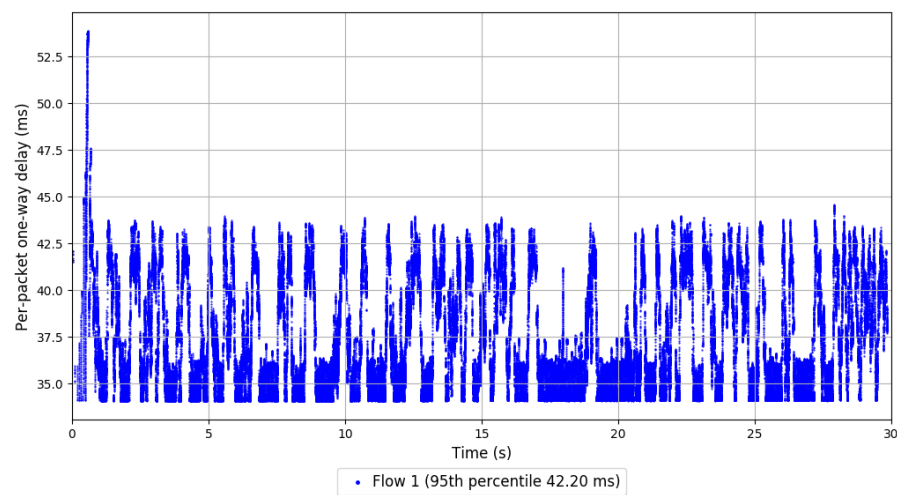
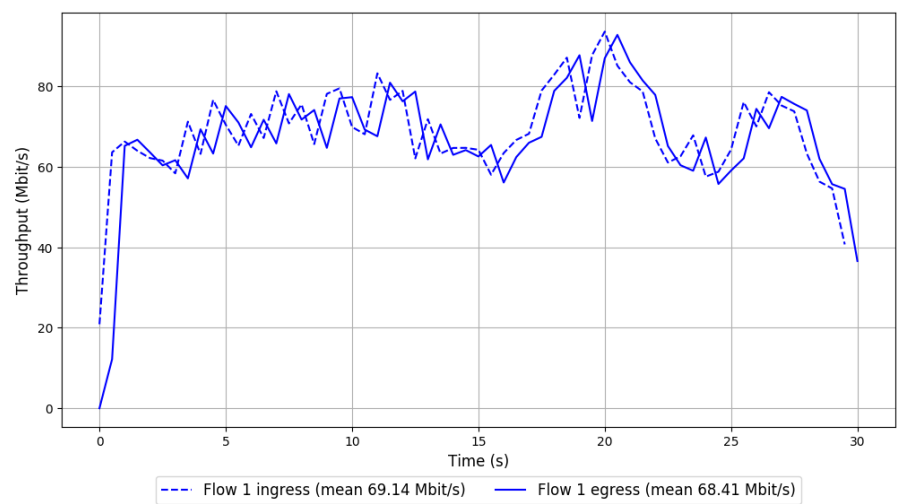
-- Flow 1:

Average throughput: 68.41 Mbit/s

95th percentile per-packet one-way delay: 42.199 ms

Loss rate: 1.32%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-07-10 14:30:40

End at: 2018-07-10 14:31:10

Local clock offset: -0.475 ms

Remote clock offset: 6.266 ms

# Below is generated by plot.py at 2018-07-10 16:33:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.71 Mbit/s

95th percentile per-packet one-way delay: 43.000 ms

Loss rate: 2.48%

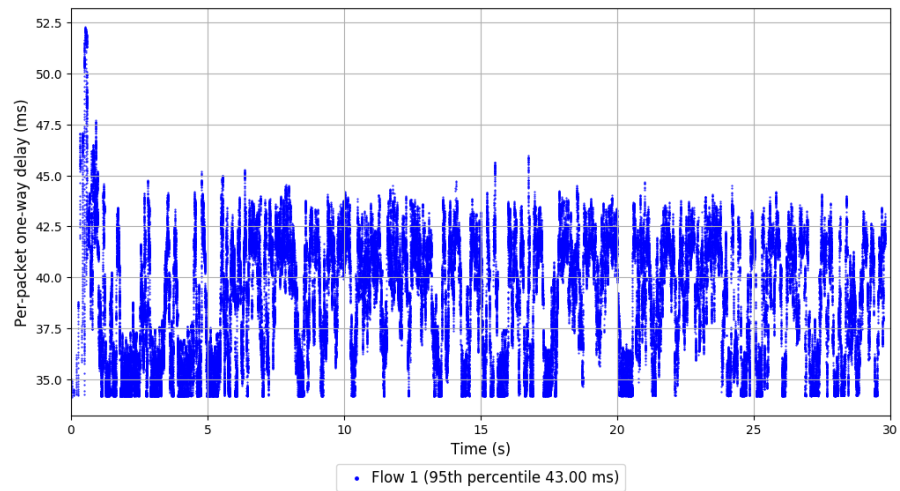
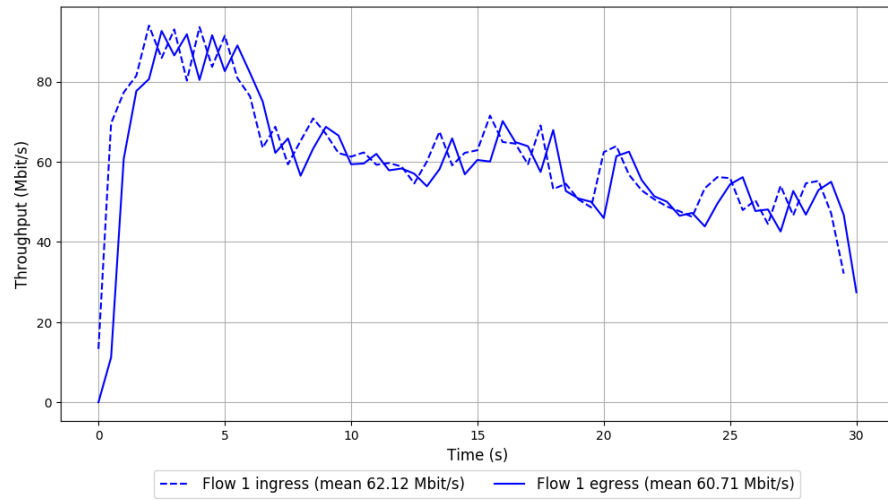
-- Flow 1:

Average throughput: 60.71 Mbit/s

95th percentile per-packet one-way delay: 43.000 ms

Loss rate: 2.48%

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



Run 7: Statistics of Indigo

Start at: 2018-07-10 14:56:21

End at: 2018-07-10 14:56:51

Local clock offset: -0.456 ms

Remote clock offset: 0.527 ms

# Below is generated by plot.py at 2018-07-10 16:33:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 42.434 ms

Loss rate: 1.52%

-- Flow 1:

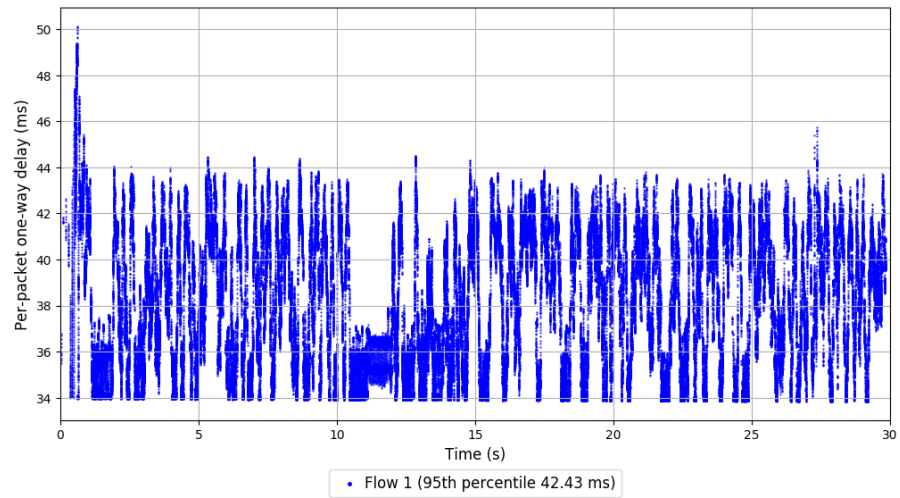
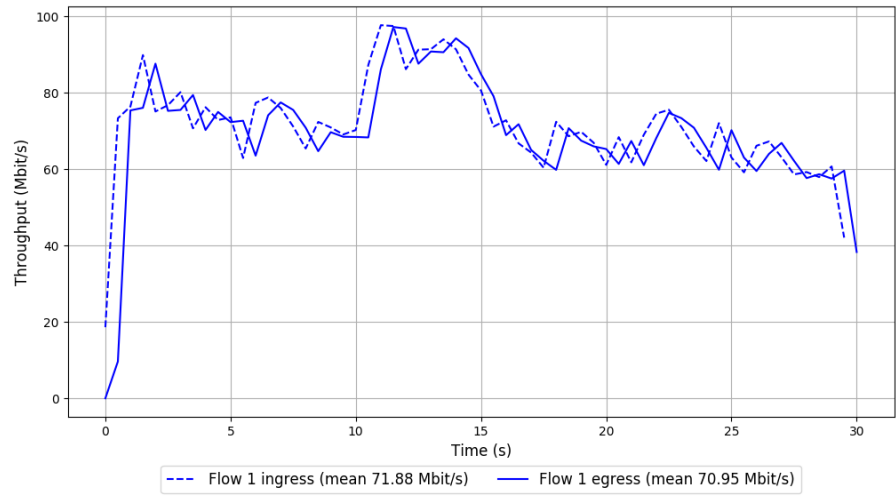
Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 42.434 ms

Loss rate: 1.52%



## Run 7: Report of Indigo — Data Link

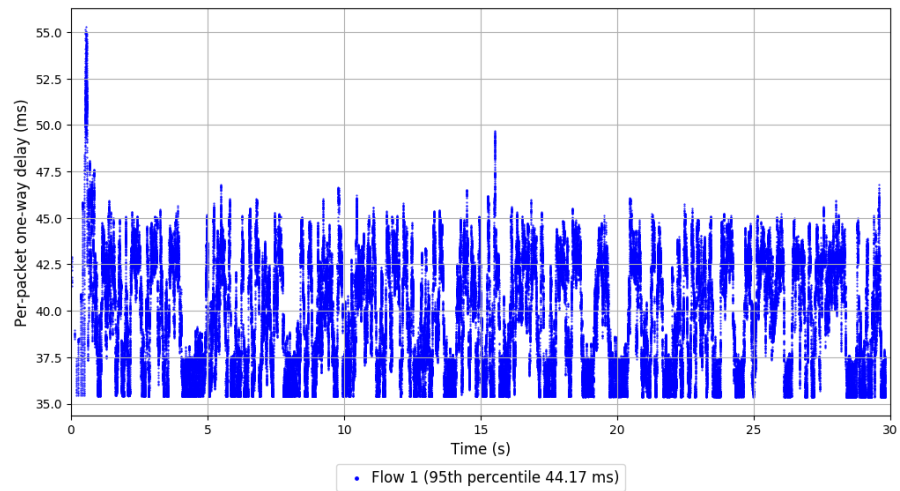
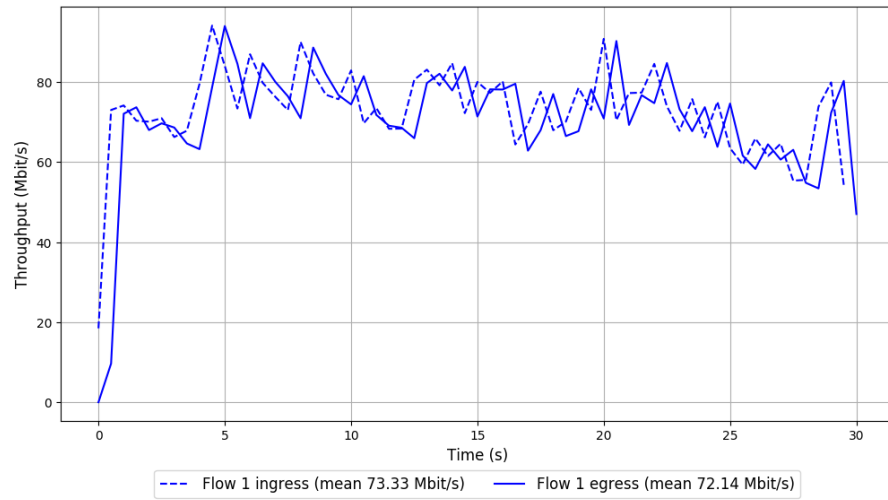


Run 8: Statistics of Indigo

Start at: 2018-07-10 15:22:39  
End at: 2018-07-10 15:23:09  
Local clock offset: -0.338 ms  
Remote clock offset: -3.772 ms

# Below is generated by plot.py at 2018-07-10 16:33:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.14 Mbit/s  
95th percentile per-packet one-way delay: 44.172 ms  
Loss rate: 1.87%  
-- Flow 1:  
Average throughput: 72.14 Mbit/s  
95th percentile per-packet one-way delay: 44.172 ms  
Loss rate: 1.87%

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

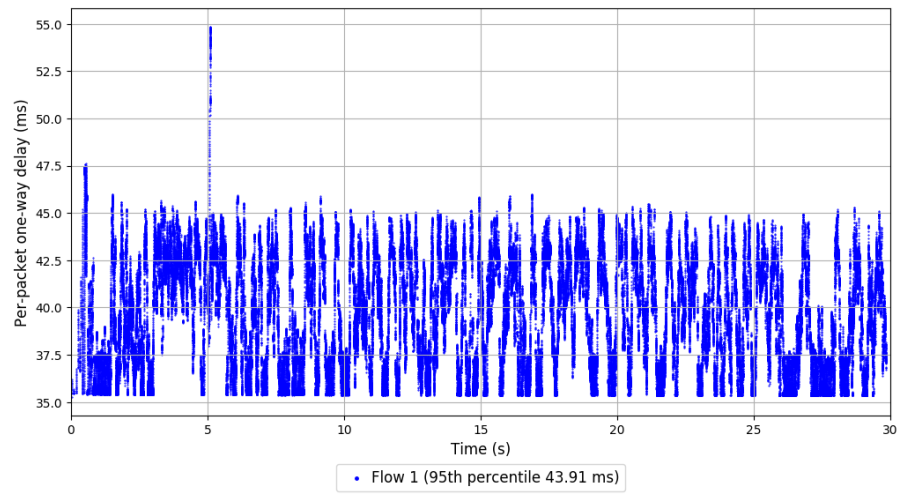
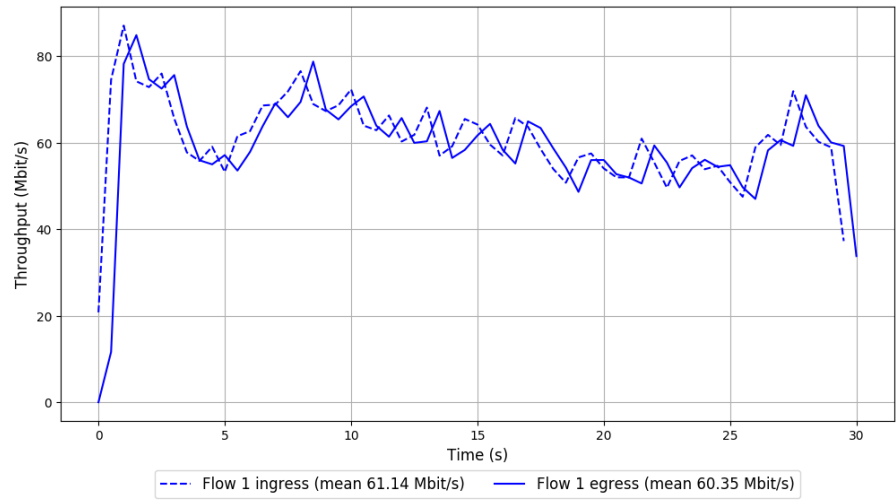


Run 9: Statistics of Indigo

Start at: 2018-07-10 15:48:35  
End at: 2018-07-10 15:49:05  
Local clock offset: -0.03 ms  
Remote clock offset: -6.656 ms

# Below is generated by plot.py at 2018-07-10 16:33:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.35 Mbit/s  
95th percentile per-packet one-way delay: 43.908 ms  
Loss rate: 1.53%  
-- Flow 1:  
Average throughput: 60.35 Mbit/s  
95th percentile per-packet one-way delay: 43.908 ms  
Loss rate: 1.53%

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



Run 10: Statistics of Indigo

Start at: 2018-07-10 16:12:11

End at: 2018-07-10 16:12:41

Local clock offset: 0.278 ms

Remote clock offset: 3.535 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.40 Mbit/s

95th percentile per-packet one-way delay: 43.136 ms

Loss rate: 0.50%

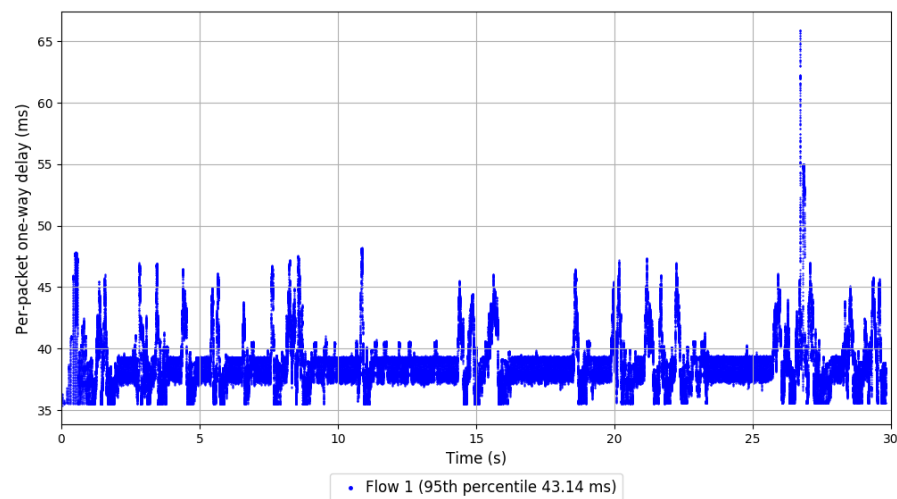
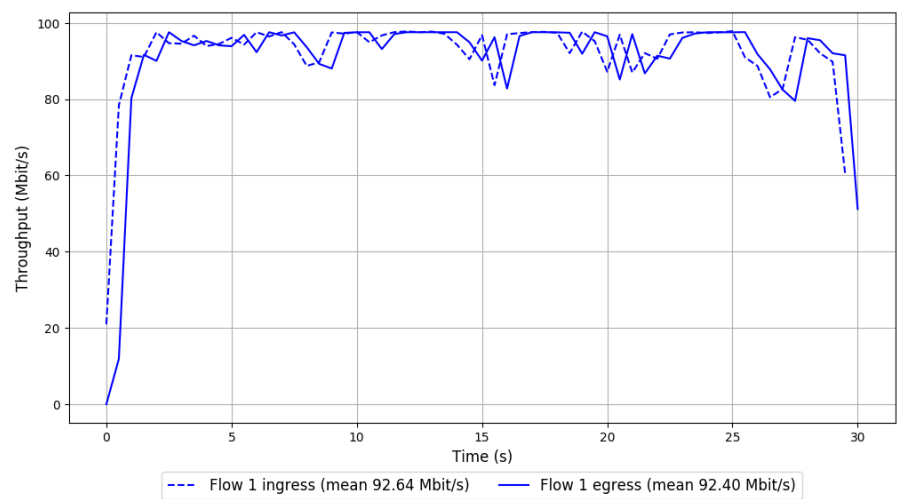
-- Flow 1:

Average throughput: 92.40 Mbit/s

95th percentile per-packet one-way delay: 43.136 ms

Loss rate: 0.50%

Run 10: Report of Indigo — Data Link



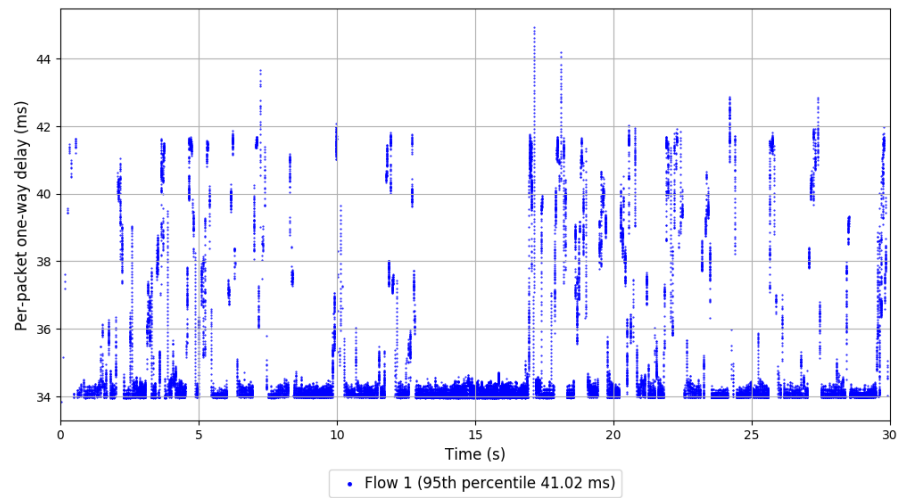
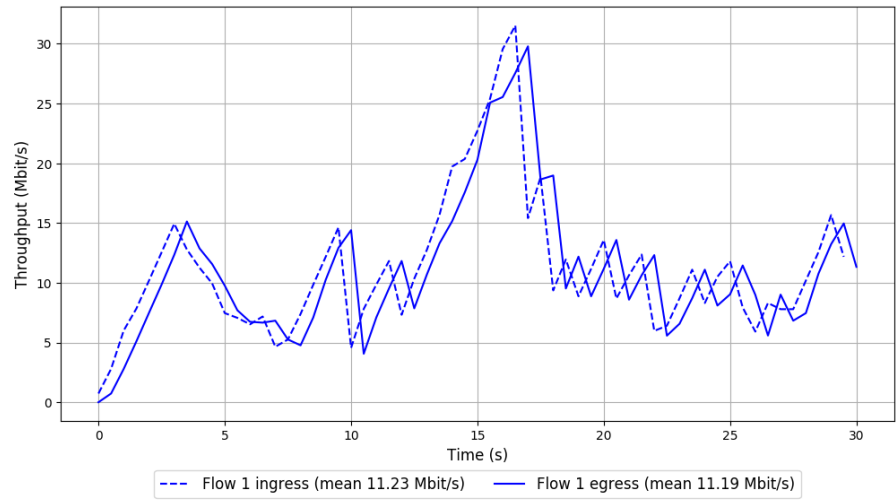
```
Run 1: Statistics of LEDBAT

Start at: 2018-07-10 12:25:56
End at: 2018-07-10 12:26:26
Local clock offset: -0.051 ms
Remote clock offset: 2.853 ms

# Below is generated by plot.py at 2018-07-10 16:33:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 41.017 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 11.19 Mbit/s
95th percentile per-packet one-way delay: 41.017 ms
Loss rate: 0.58%
```



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



Run 2: Statistics of LEDBAT

Start at: 2018-07-10 12:49:24

End at: 2018-07-10 12:49:54

Local clock offset: -0.056 ms

Remote clock offset: 0.163 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.13 Mbit/s

95th percentile per-packet one-way delay: 40.894 ms

Loss rate: 0.59%

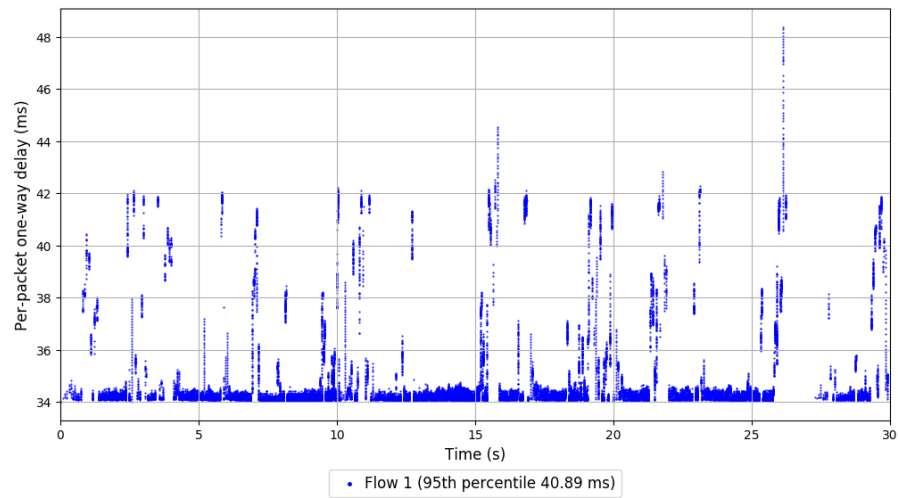
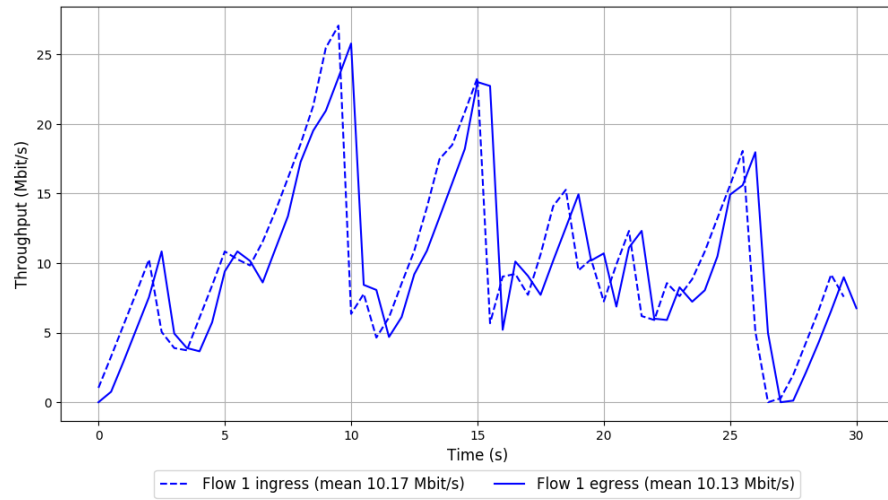
-- Flow 1:

Average throughput: 10.13 Mbit/s

95th percentile per-packet one-way delay: 40.894 ms

Loss rate: 0.59%

## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-07-10 13:13:39

End at: 2018-07-10 13:14:09

Local clock offset: -0.03 ms

Remote clock offset: 0.443 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 16.56 Mbit/s

95th percentile per-packet one-way delay: 39.431 ms

Loss rate: 0.35%

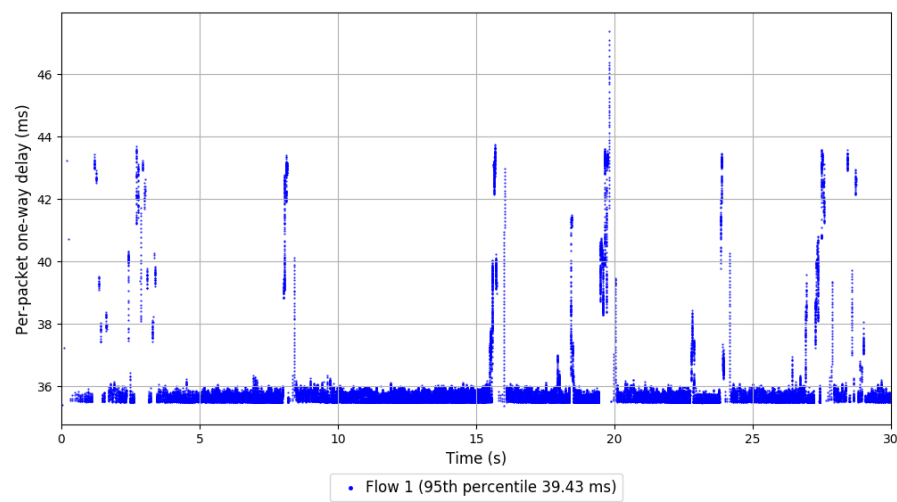
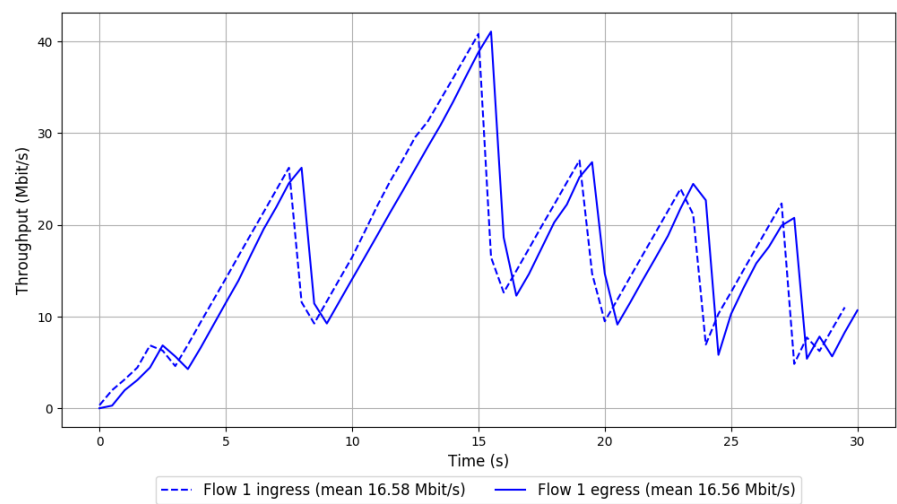
-- Flow 1:

Average throughput: 16.56 Mbit/s

95th percentile per-packet one-way delay: 39.431 ms

Loss rate: 0.35%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-07-10 13:37:58

End at: 2018-07-10 13:38:28

Local clock offset: -0.084 ms

Remote clock offset: 1.235 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.95 Mbit/s

95th percentile per-packet one-way delay: 41.123 ms

Loss rate: 0.68%

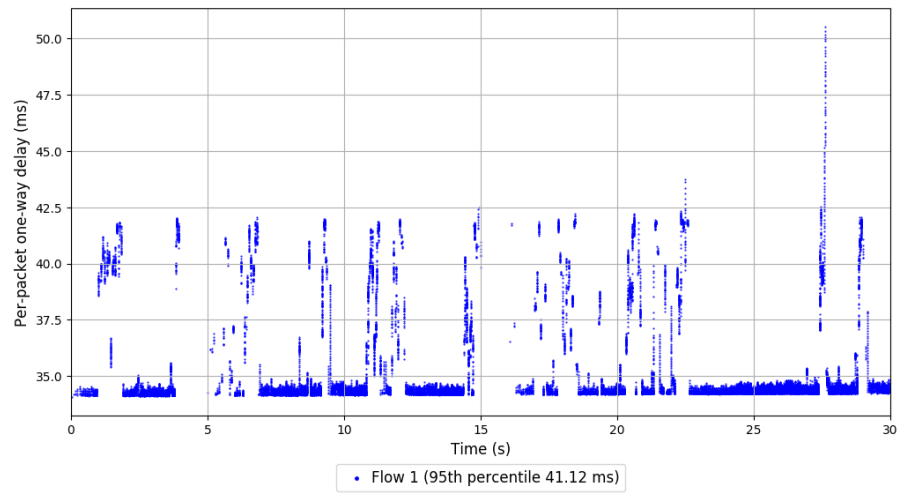
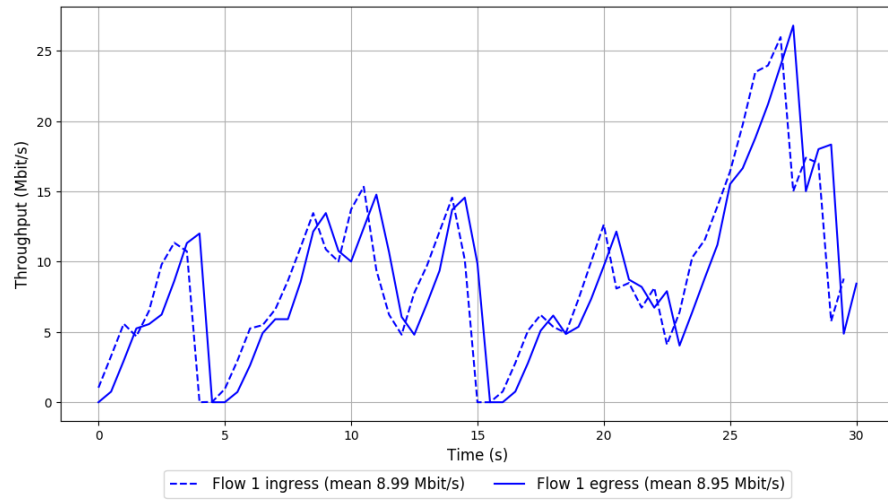
-- Flow 1:

Average throughput: 8.95 Mbit/s

95th percentile per-packet one-way delay: 41.123 ms

Loss rate: 0.68%

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



Run 5: Statistics of LEDBAT

Start at: 2018-07-10 14:02:02

End at: 2018-07-10 14:02:32

Local clock offset: -0.408 ms

Remote clock offset: 4.554 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.72 Mbit/s

95th percentile per-packet one-way delay: 41.652 ms

Loss rate: 1.52%

-- Flow 1:

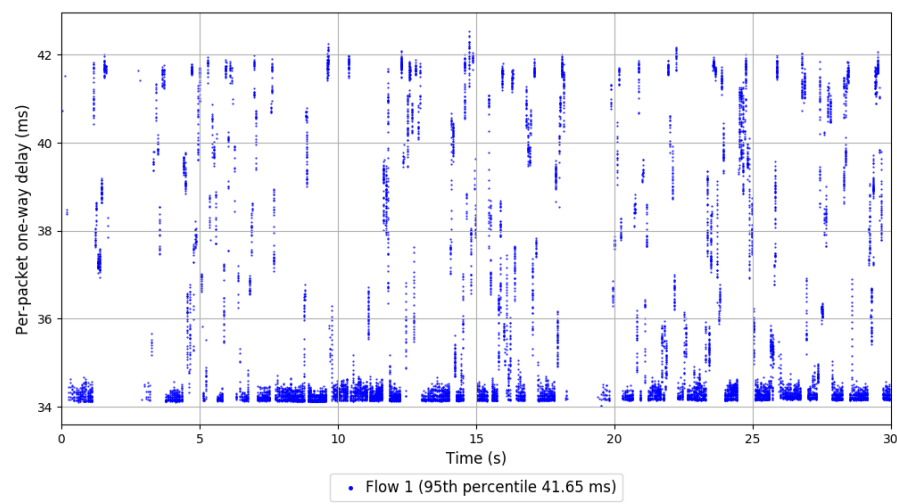
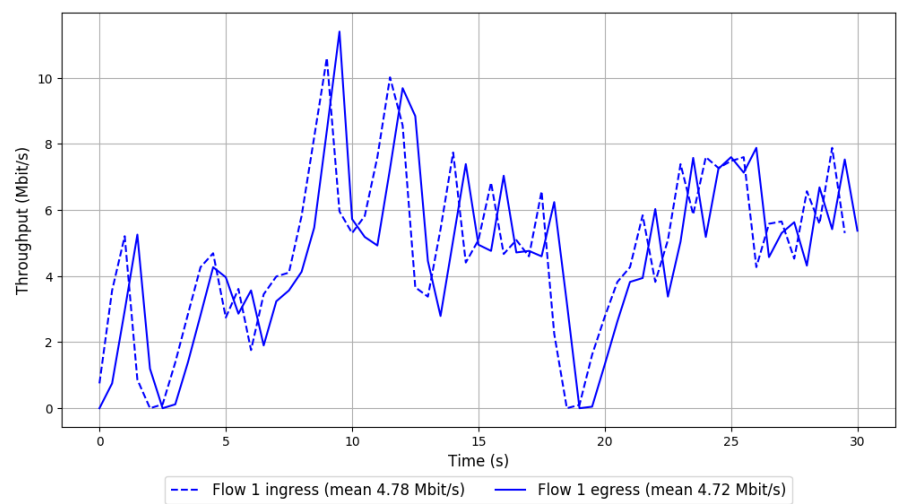
Average throughput: 4.72 Mbit/s

95th percentile per-packet one-way delay: 41.652 ms

Loss rate: 1.52%



Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-07-10 14:28:05

End at: 2018-07-10 14:28:35

Local clock offset: -0.554 ms

Remote clock offset: 6.218 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 41.637 ms

Loss rate: 1.52%

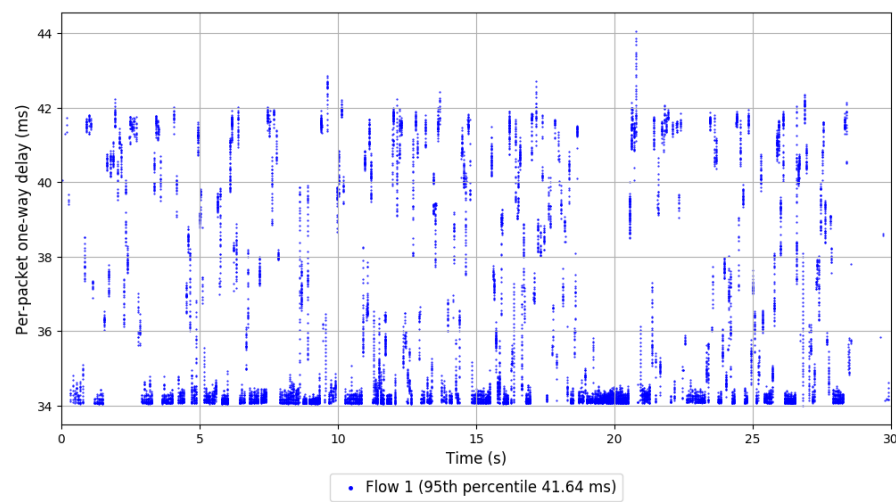
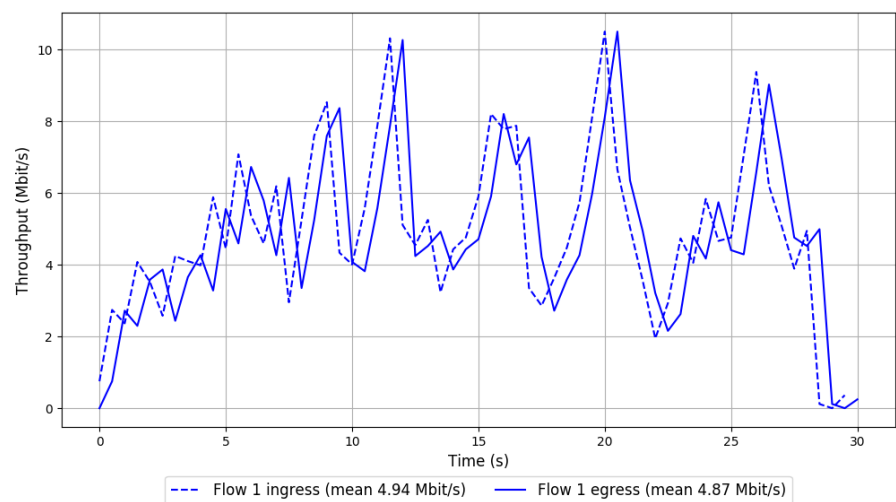
-- Flow 1:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 41.637 ms

Loss rate: 1.52%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-07-10 14:53:45

End at: 2018-07-10 14:54:15

Local clock offset: -0.544 ms

Remote clock offset: 1.187 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 8.35 Mbit/s

95th percentile per-packet one-way delay: 42.352 ms

Loss rate: 1.32%

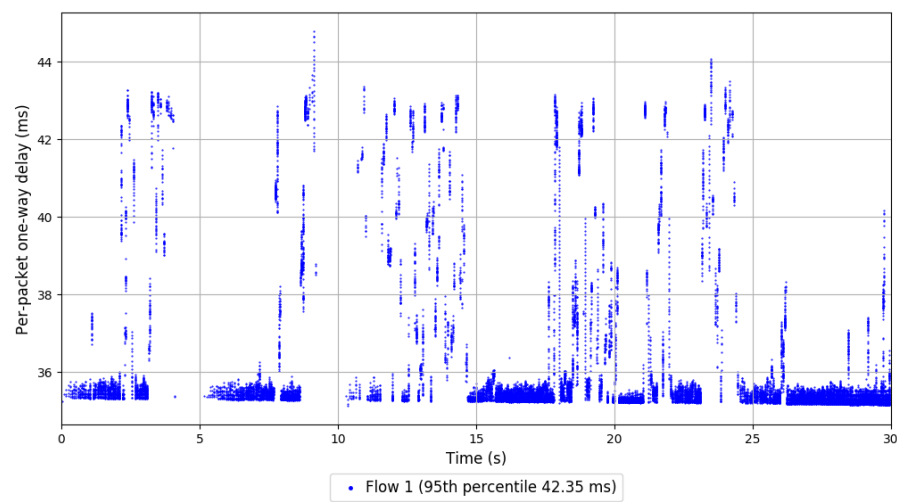
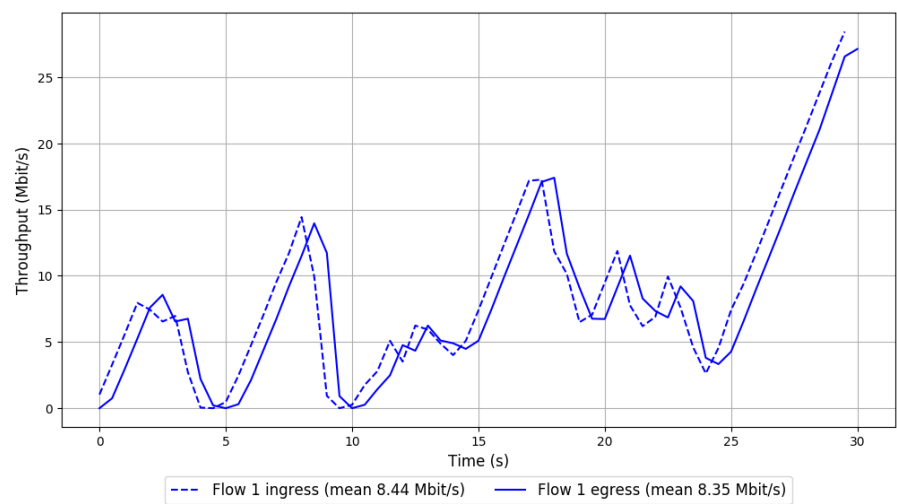
-- Flow 1:

Average throughput: 8.35 Mbit/s

95th percentile per-packet one-way delay: 42.352 ms

Loss rate: 1.32%

Run 7: Report of LEDBAT — Data Link

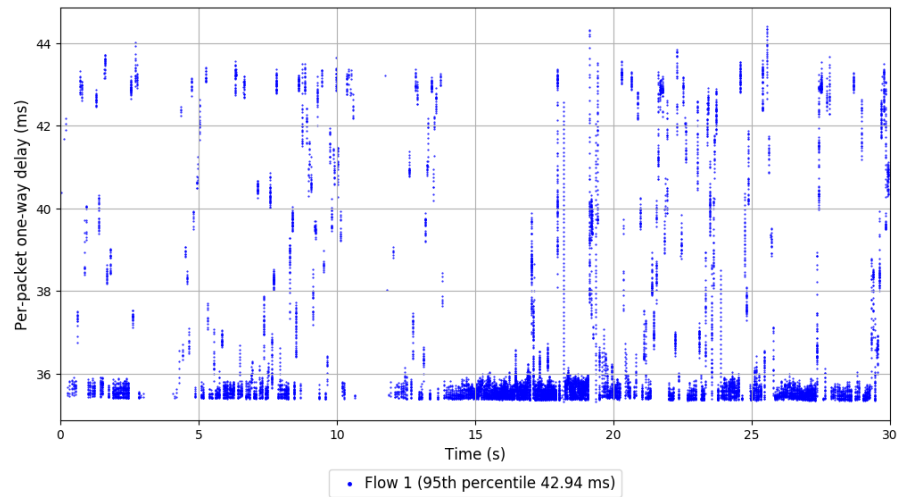
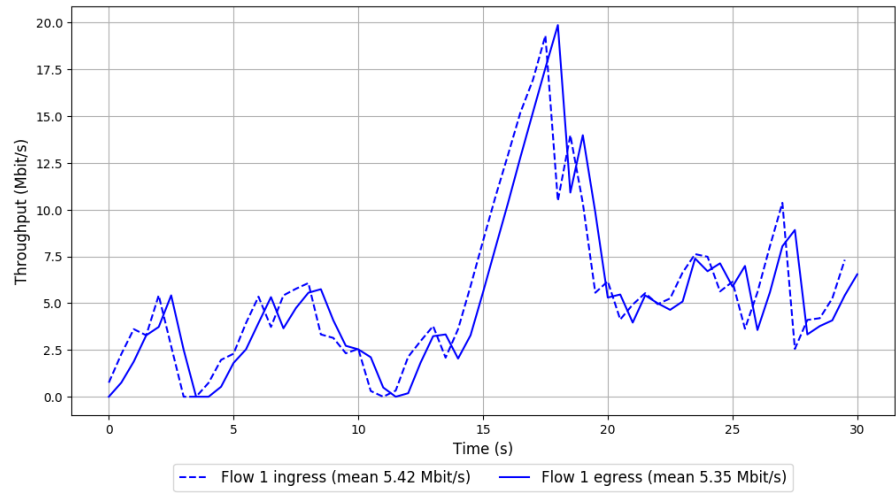


Run 8: Statistics of LEDBAT

Start at: 2018-07-10 15:20:06  
End at: 2018-07-10 15:20:36  
Local clock offset: -0.344 ms  
Remote clock offset: -3.449 ms

# Below is generated by plot.py at 2018-07-10 16:33:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 5.35 Mbit/s  
95th percentile per-packet one-way delay: 42.936 ms  
Loss rate: 1.70%  
-- Flow 1:  
Average throughput: 5.35 Mbit/s  
95th percentile per-packet one-way delay: 42.936 ms  
Loss rate: 1.70%

## Run 8: Report of LEDBAT — Data Link



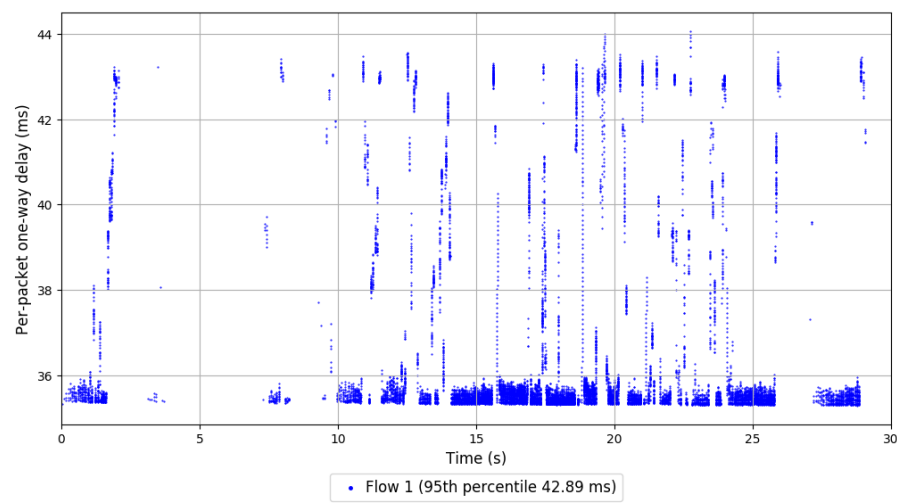
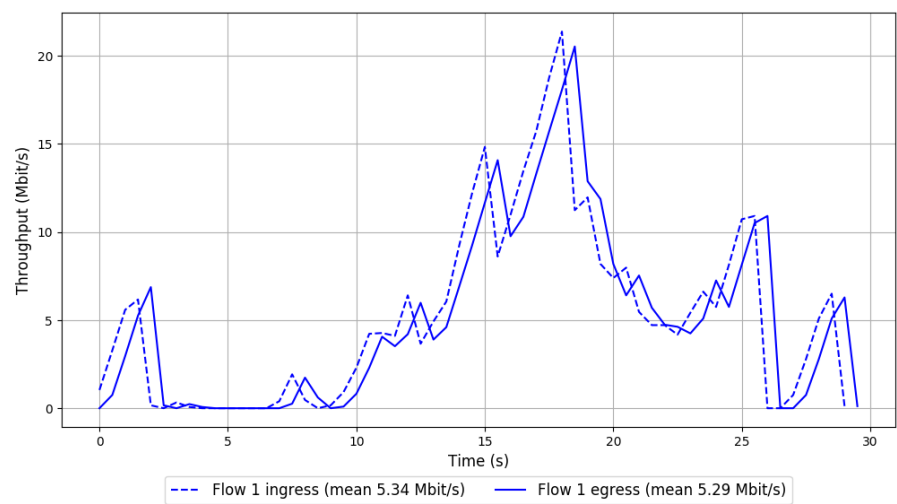
Run 9: Statistics of LEDBAT

Start at: 2018-07-10 15:45:59  
End at: 2018-07-10 15:46:29  
Local clock offset: -0.082 ms  
Remote clock offset: -6.367 ms

# Below is generated by plot.py at 2018-07-10 16:33:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 5.29 Mbit/s  
95th percentile per-packet one-way delay: 42.886 ms  
Loss rate: 0.93%  
-- Flow 1:  
Average throughput: 5.29 Mbit/s  
95th percentile per-packet one-way delay: 42.886 ms  
Loss rate: 0.93%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-07-10 16:09:36

End at: 2018-07-10 16:10:06

Local clock offset: 0.248 ms

Remote clock offset: 3.116 ms

# Below is generated by plot.py at 2018-07-10 16:33:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.77 Mbit/s

95th percentile per-packet one-way delay: 37.445 ms

Loss rate: 0.28%

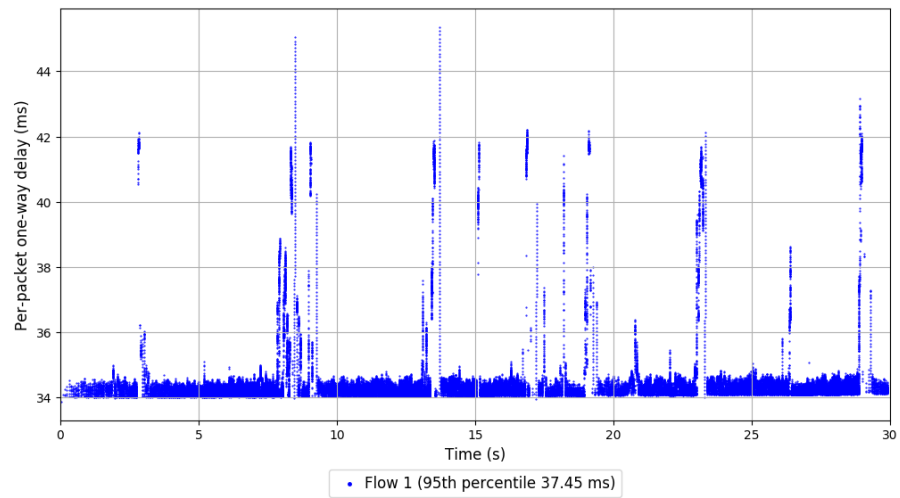
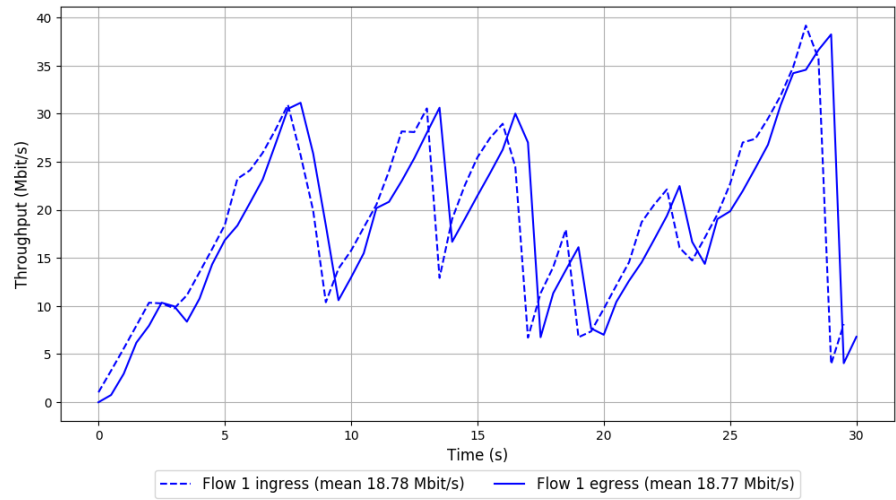
-- Flow 1:

Average throughput: 18.77 Mbit/s

95th percentile per-packet one-way delay: 37.445 ms

Loss rate: 0.28%

## Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 12:20:29

End at: 2018-07-10 12:20:59

Local clock offset: -0.098 ms

Remote clock offset: 2.698 ms

# Below is generated by plot.py at 2018-07-10 16:34:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.46 Mbit/s

95th percentile per-packet one-way delay: 42.570 ms

Loss rate: 0.49%

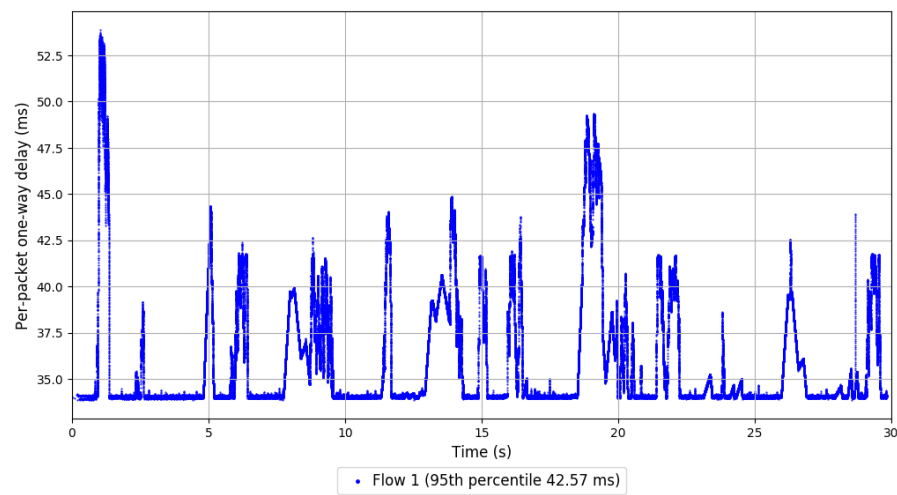
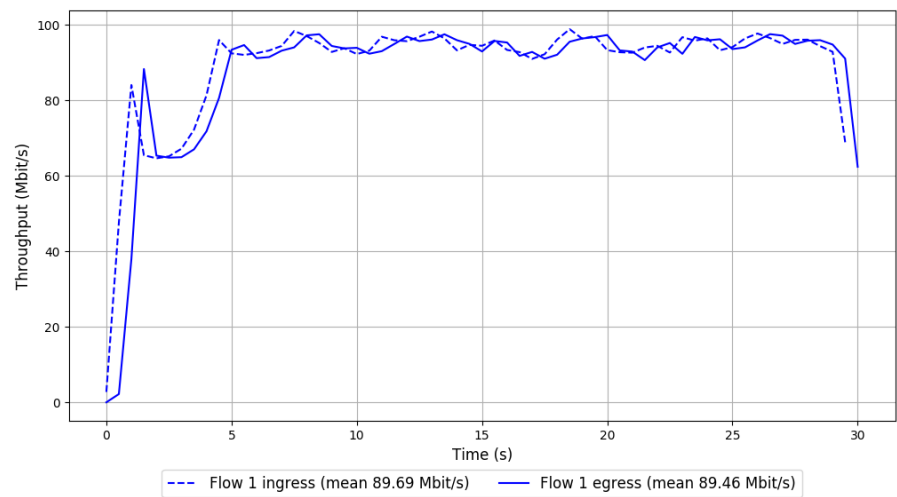
-- Flow 1:

Average throughput: 89.46 Mbit/s

95th percentile per-packet one-way delay: 42.570 ms

Loss rate: 0.49%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 12:43:59

End at: 2018-07-10 12:44:29

Local clock offset: -0.048 ms

Remote clock offset: 0.429 ms

# Below is generated by plot.py at 2018-07-10 16:34:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.99 Mbit/s

95th percentile per-packet one-way delay: 42.835 ms

Loss rate: 1.09%

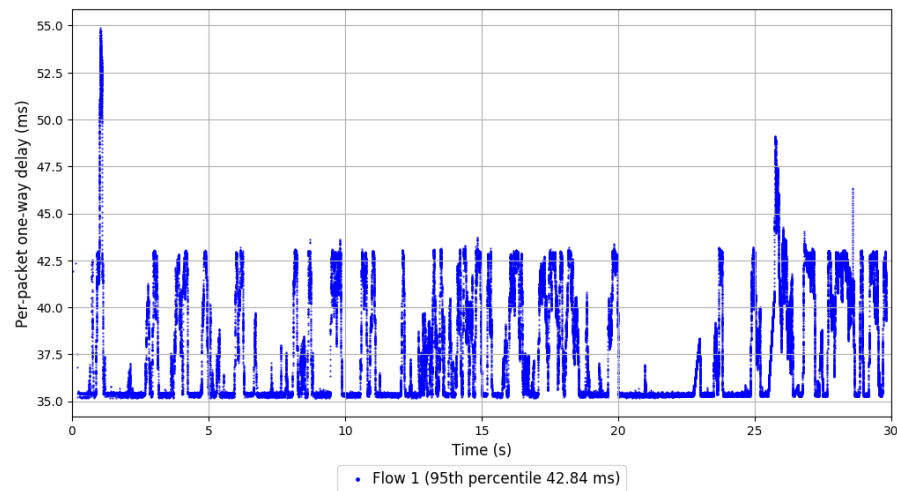
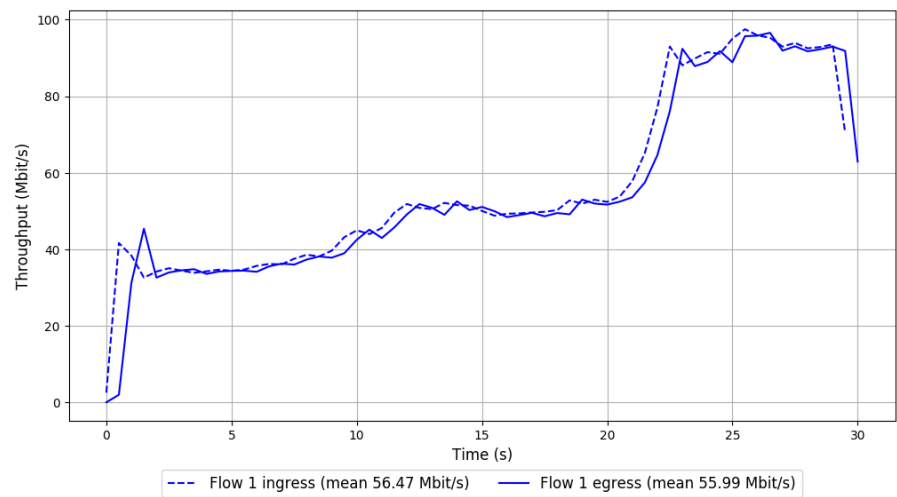
-- Flow 1:

Average throughput: 55.99 Mbit/s

95th percentile per-packet one-way delay: 42.835 ms

Loss rate: 1.09%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 13:08:09

End at: 2018-07-10 13:08:39

Local clock offset: -0.035 ms

Remote clock offset: 0.37 ms

# Below is generated by plot.py at 2018-07-10 16:34:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.91 Mbit/s

95th percentile per-packet one-way delay: 45.945 ms

Loss rate: 0.69%

-- Flow 1:

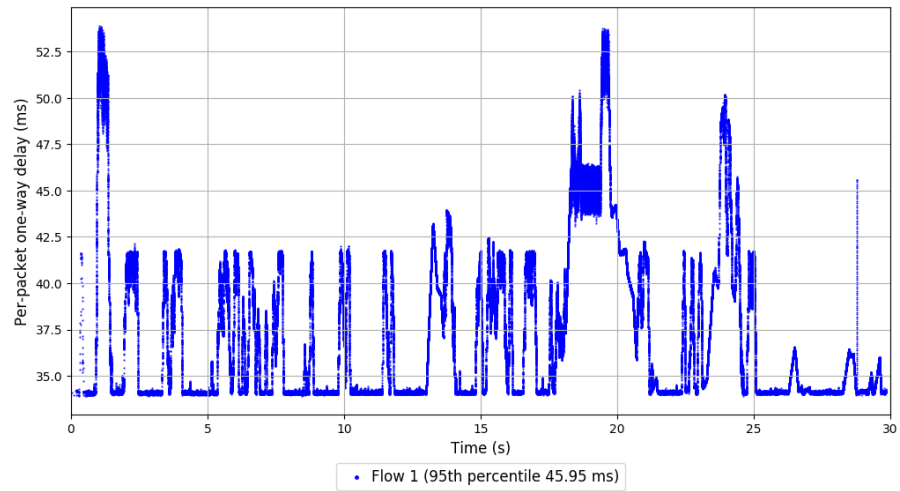
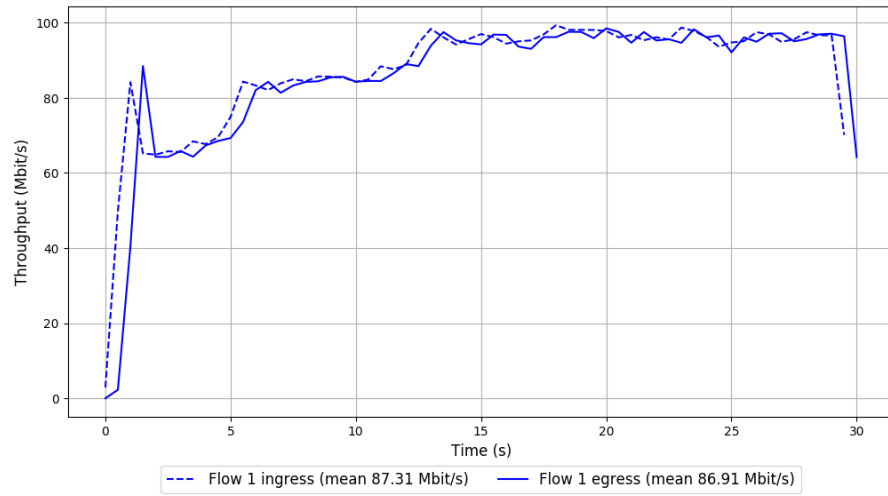
Average throughput: 86.91 Mbit/s

95th percentile per-packet one-way delay: 45.945 ms

Loss rate: 0.69%



### Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 13:32:29

End at: 2018-07-10 13:32:59

Local clock offset: -0.056 ms

Remote clock offset: 0.45 ms

# Below is generated by plot.py at 2018-07-10 16:34:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.44 Mbit/s

95th percentile per-packet one-way delay: 44.641 ms

Loss rate: 1.02%

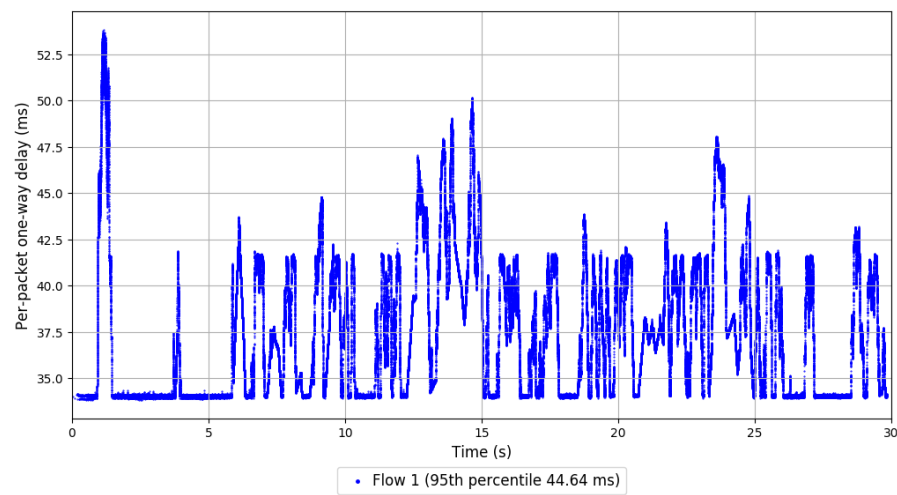
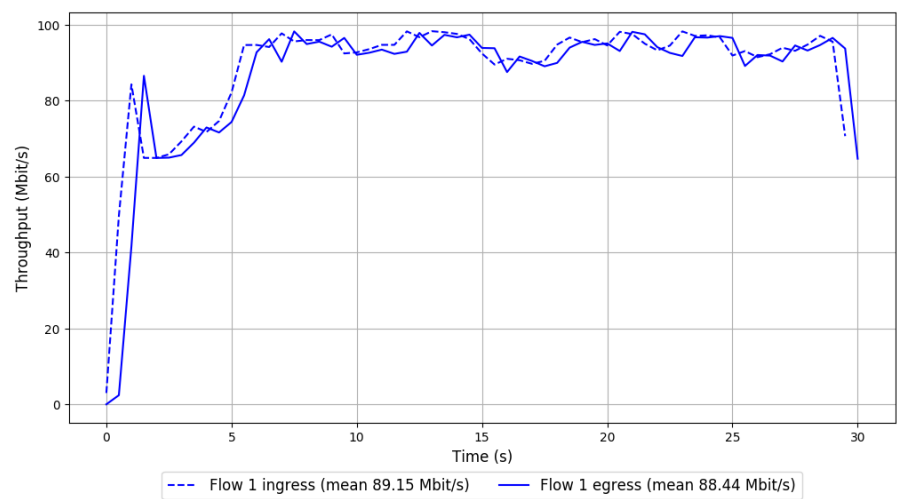
-- Flow 1:

Average throughput: 88.44 Mbit/s

95th percentile per-packet one-way delay: 44.641 ms

Loss rate: 1.02%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 13:56:13

End at: 2018-07-10 13:56:43

Local clock offset: -0.393 ms

Remote clock offset: 3.976 ms

# Below is generated by plot.py at 2018-07-10 16:34:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.65 Mbit/s

95th percentile per-packet one-way delay: 42.923 ms

Loss rate: 1.16%

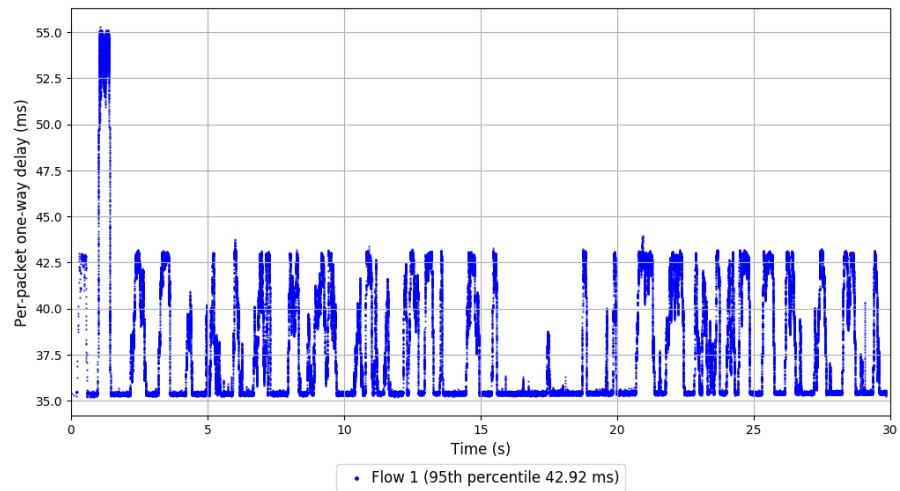
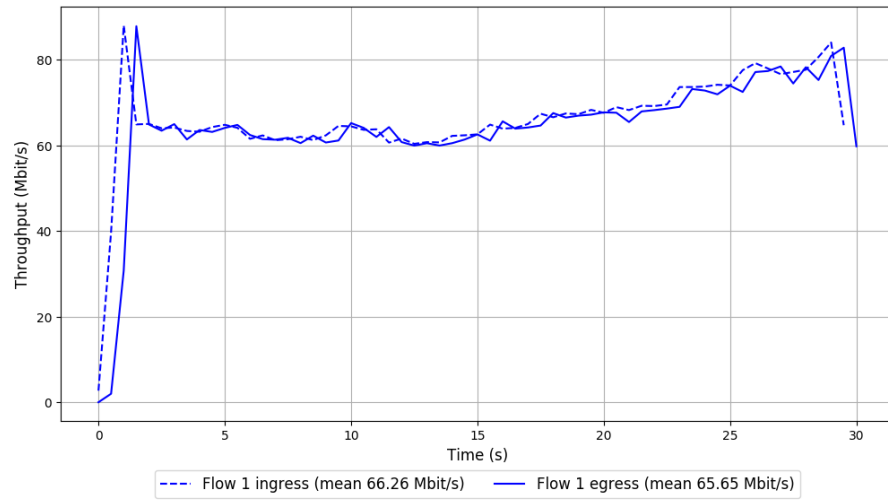
-- Flow 1:

Average throughput: 65.65 Mbit/s

95th percentile per-packet one-way delay: 42.923 ms

Loss rate: 1.16%

### Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 14:22:22

End at: 2018-07-10 14:22:52

Local clock offset: -0.463 ms

Remote clock offset: 6.006 ms

# Below is generated by plot.py at 2018-07-10 16:34:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.67 Mbit/s

95th percentile per-packet one-way delay: 41.631 ms

Loss rate: 1.65%

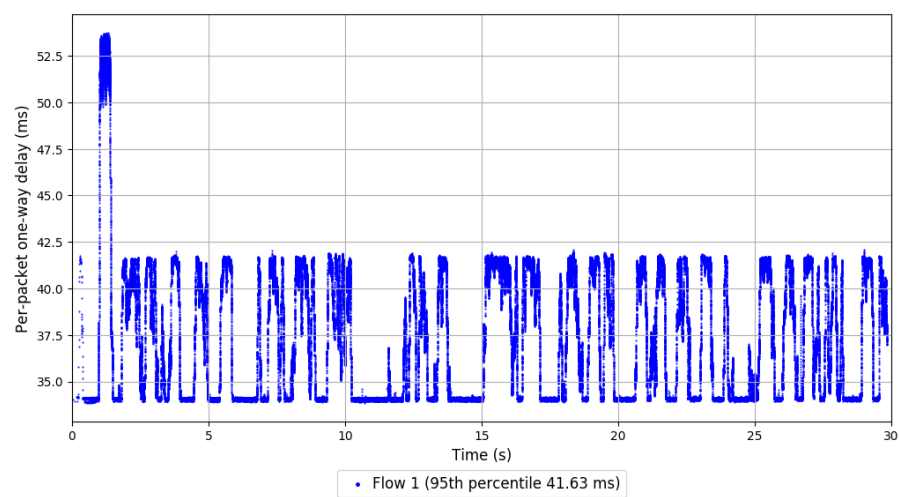
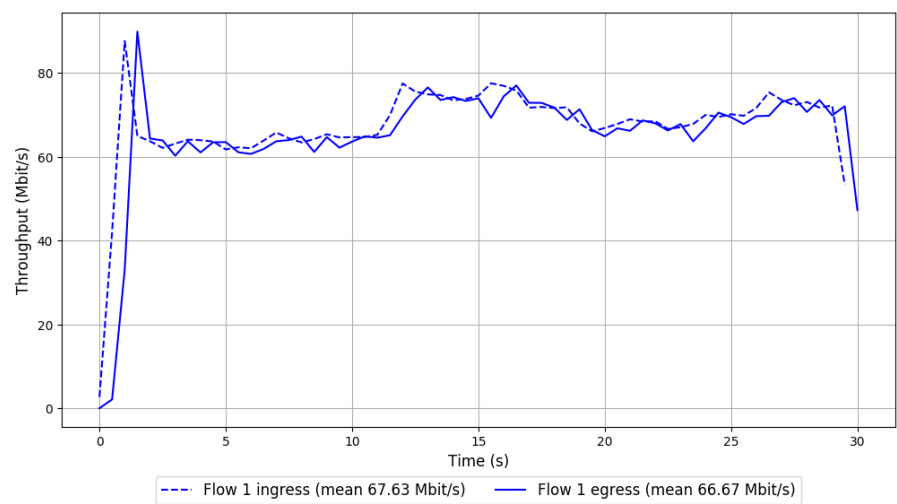
-- Flow 1:

Average throughput: 66.67 Mbit/s

95th percentile per-packet one-way delay: 41.631 ms

Loss rate: 1.65%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 14:48:10

End at: 2018-07-10 14:48:40

Local clock offset: -0.462 ms

Remote clock offset: 3.505 ms

# Below is generated by plot.py at 2018-07-10 16:34:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 33.16 Mbit/s

95th percentile per-packet one-way delay: 42.741 ms

Loss rate: 1.50%

-- Flow 1:

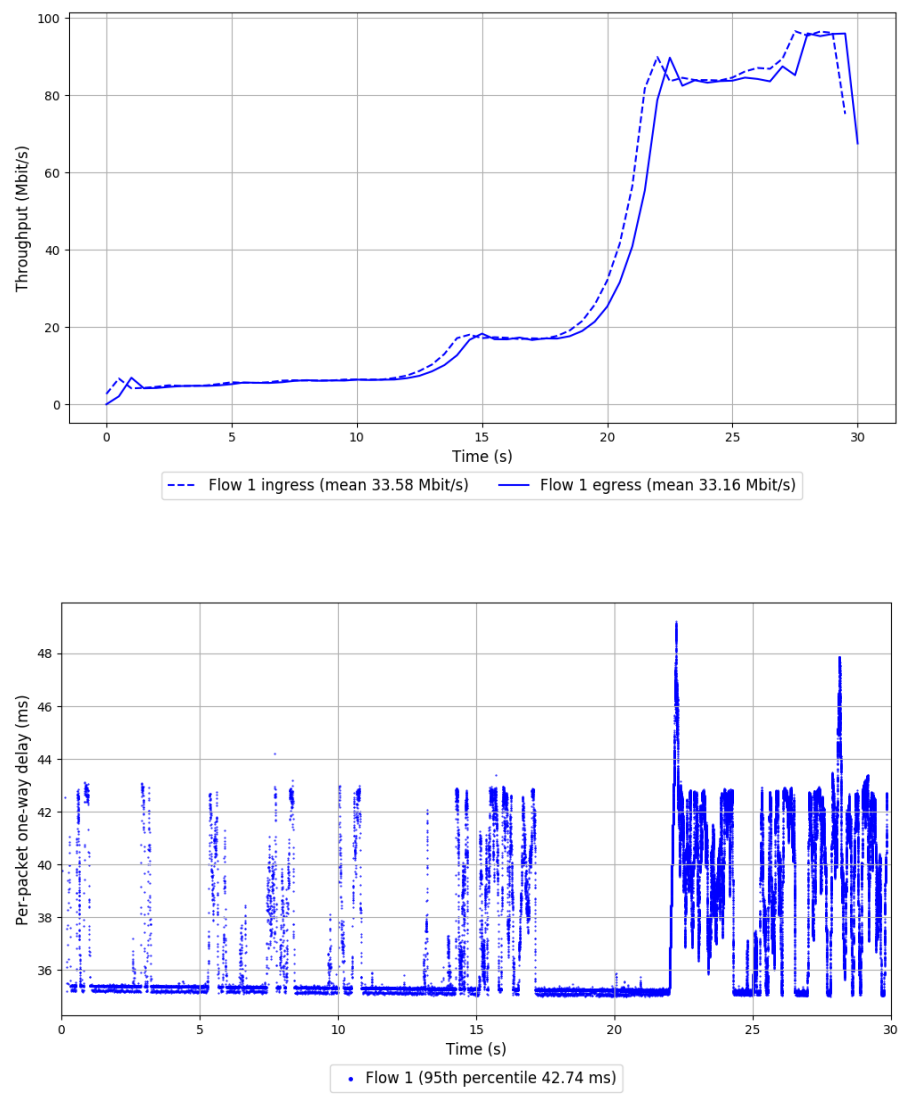
Average throughput: 33.16 Mbit/s

95th percentile per-packet one-way delay: 42.741 ms

Loss rate: 1.50%



Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 15:14:17

End at: 2018-07-10 15:14:47

Local clock offset: -0.485 ms

Remote clock offset: -2.682 ms

# Below is generated by plot.py at 2018-07-10 16:34:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.65 Mbit/s

95th percentile per-packet one-way delay: 41.323 ms

Loss rate: 1.69%

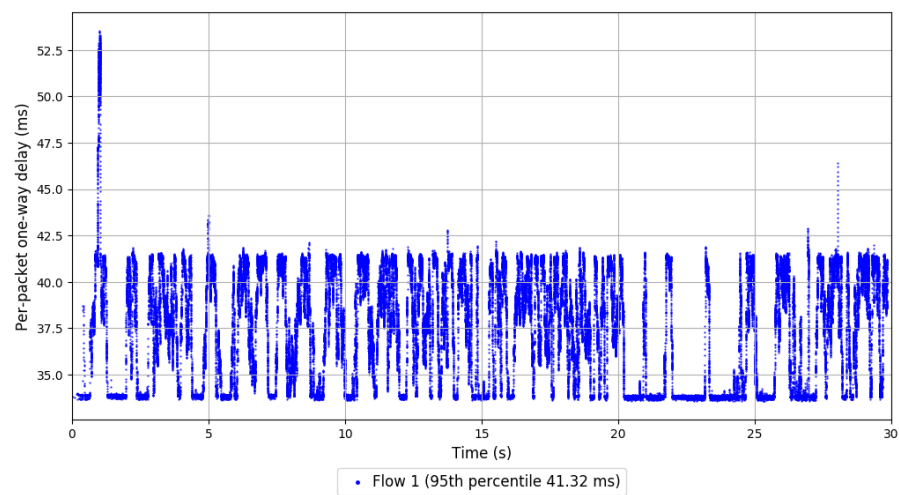
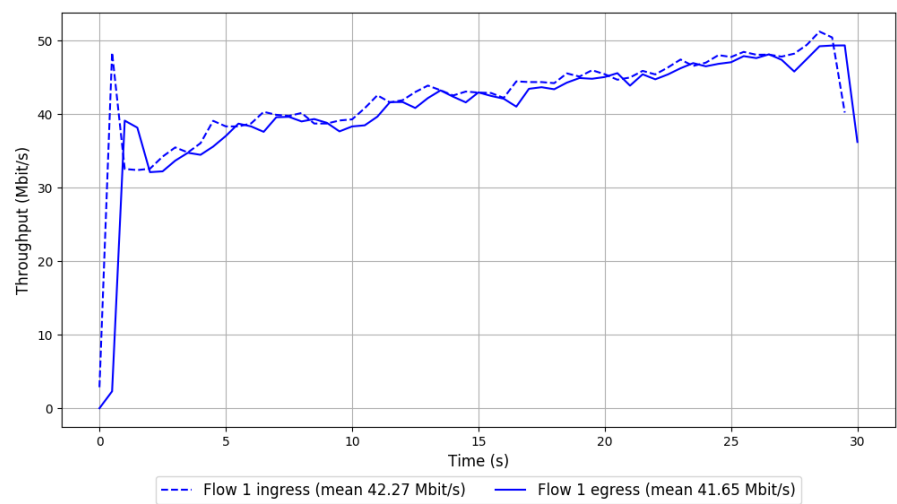
-- Flow 1:

Average throughput: 41.65 Mbit/s

95th percentile per-packet one-way delay: 41.323 ms

Loss rate: 1.69%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 15:40:12

End at: 2018-07-10 15:40:42

Local clock offset: -0.17 ms

Remote clock offset: -5.708 ms

# Below is generated by plot.py at 2018-07-10 16:34:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.70 Mbit/s

95th percentile per-packet one-way delay: 41.449 ms

Loss rate: 1.35%

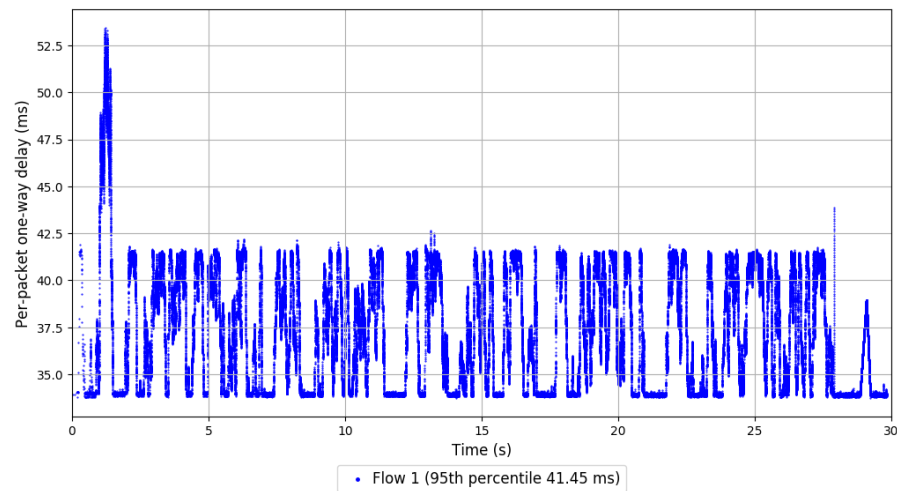
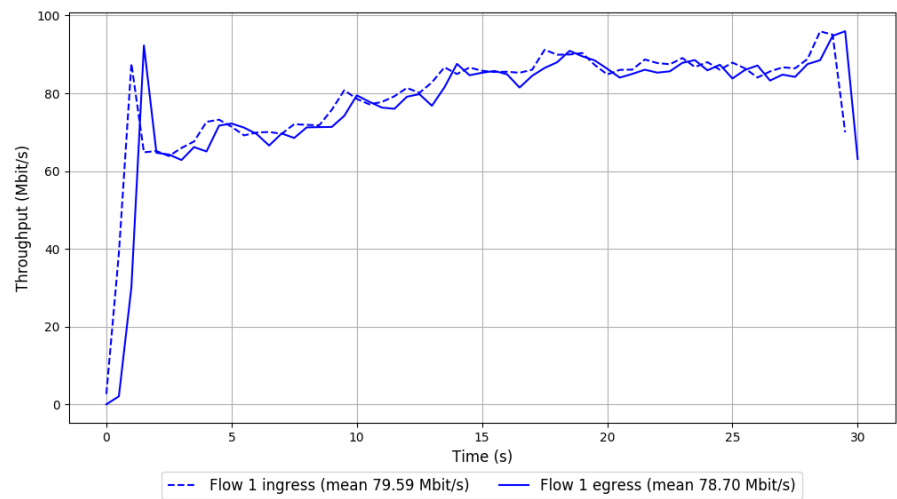
-- Flow 1:

Average throughput: 78.70 Mbit/s

95th percentile per-packet one-way delay: 41.449 ms

Loss rate: 1.35%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 16:04:09

End at: 2018-07-10 16:04:39

Local clock offset: 0.236 ms

Remote clock offset: 1.435 ms

# Below is generated by plot.py at 2018-07-10 16:35:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.76 Mbit/s

95th percentile per-packet one-way delay: 44.574 ms

Loss rate: 0.62%

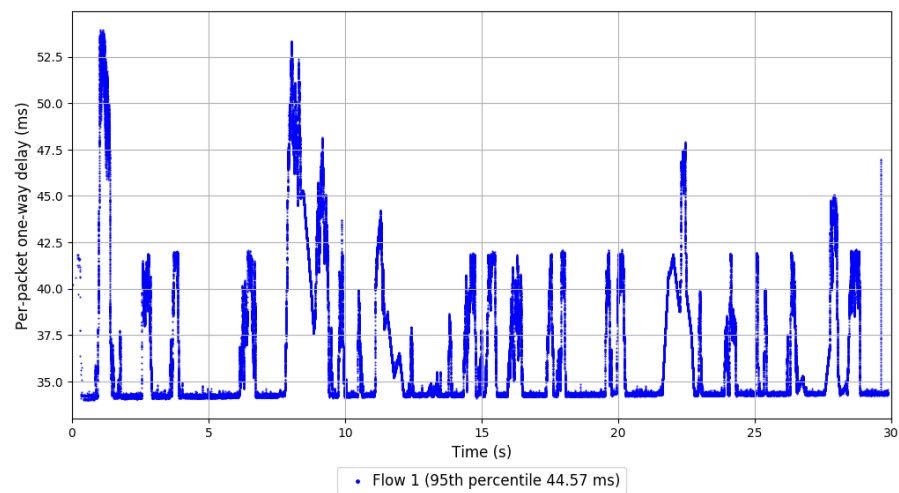
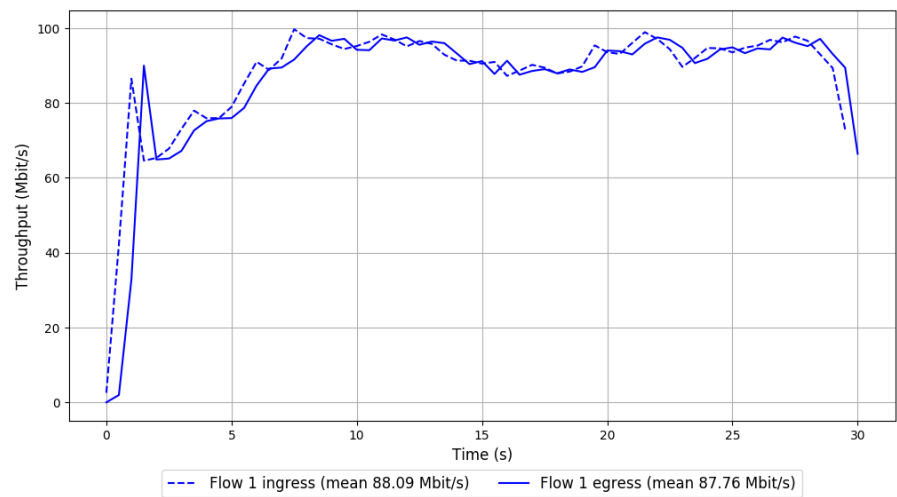
-- Flow 1:

Average throughput: 87.76 Mbit/s

95th percentile per-packet one-way delay: 44.574 ms

Loss rate: 0.62%

Run 10: Report of PCC-Allegro — Data Link



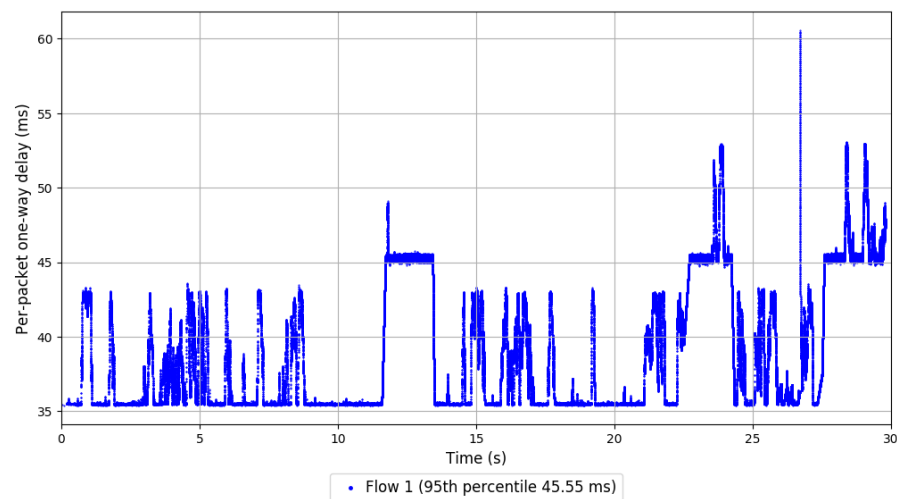
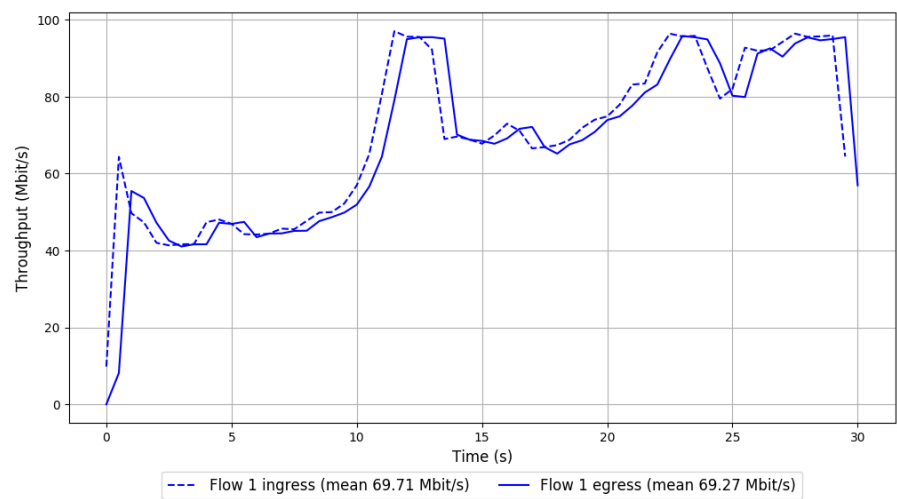
```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 12:23:03
End at: 2018-07-10 12:23:33
Local clock offset: -0.025 ms
Remote clock offset: 2.838 ms

# Below is generated by plot.py at 2018-07-10 16:35:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 45.551 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 69.27 Mbit/s
95th percentile per-packet one-way delay: 45.551 ms
Loss rate: 0.86%
```



Run 1: Report of PCC-Expr — Data Link

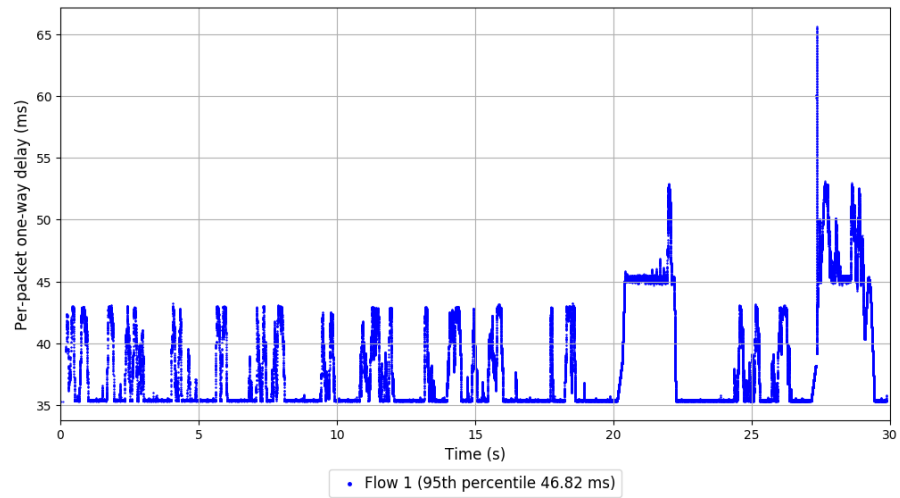
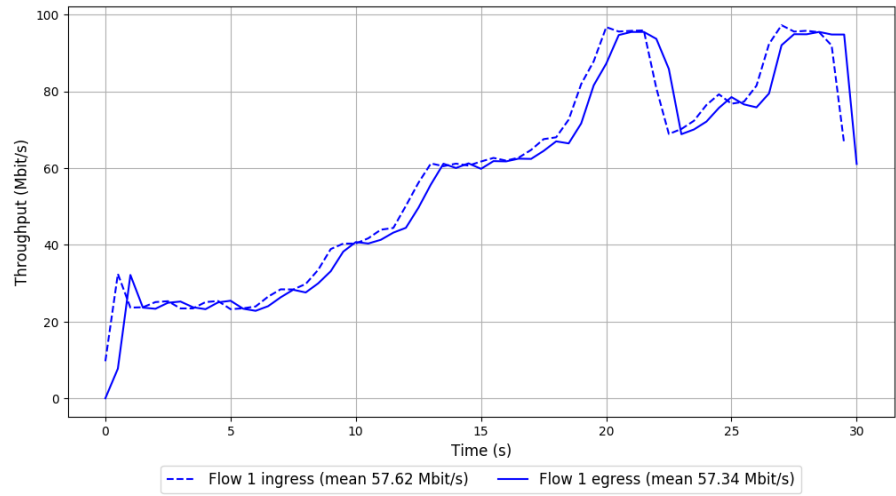


```
Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 12:46:36
End at: 2018-07-10 12:47:06
Local clock offset: -0.083 ms
Remote clock offset: 0.28 ms

# Below is generated by plot.py at 2018-07-10 16:35:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 46.824 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 46.824 ms
Loss rate: 0.72%
```

## Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 13:10:50

End at: 2018-07-10 13:11:20

Local clock offset: -0.144 ms

Remote clock offset: 0.426 ms

# Below is generated by plot.py at 2018-07-10 16:36:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.34 Mbit/s

95th percentile per-packet one-way delay: 51.997 ms

Loss rate: 1.32%

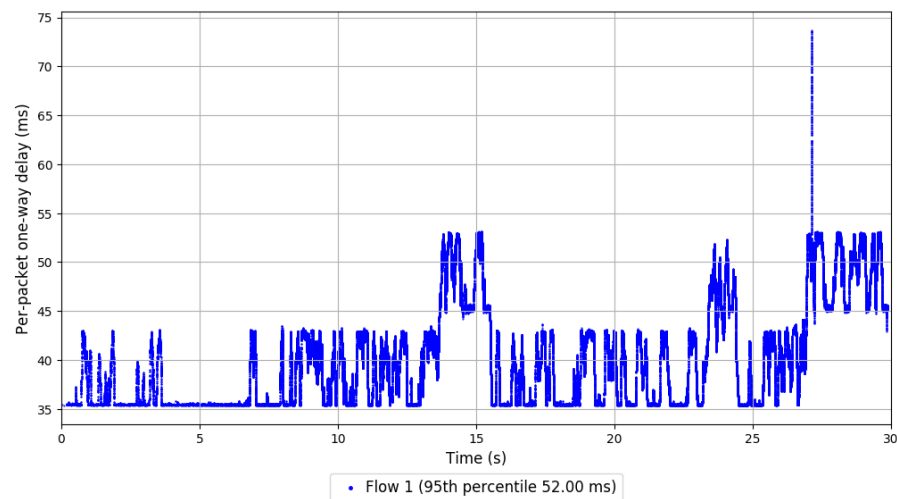
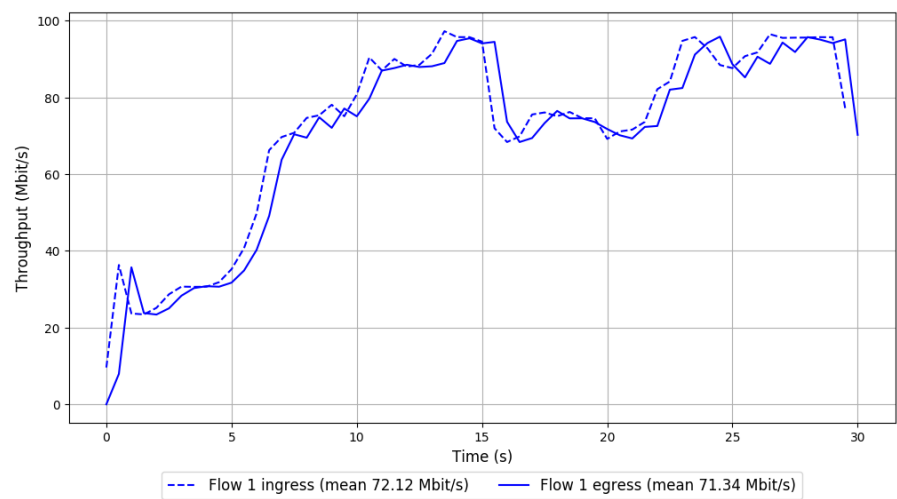
-- Flow 1:

Average throughput: 71.34 Mbit/s

95th percentile per-packet one-way delay: 51.997 ms

Loss rate: 1.32%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 13:35:16

End at: 2018-07-10 13:35:46

Local clock offset: -0.158 ms

Remote clock offset: 0.528 ms

# Below is generated by plot.py at 2018-07-10 16:36:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.73 Mbit/s

95th percentile per-packet one-way delay: 41.297 ms

Loss rate: 1.05%

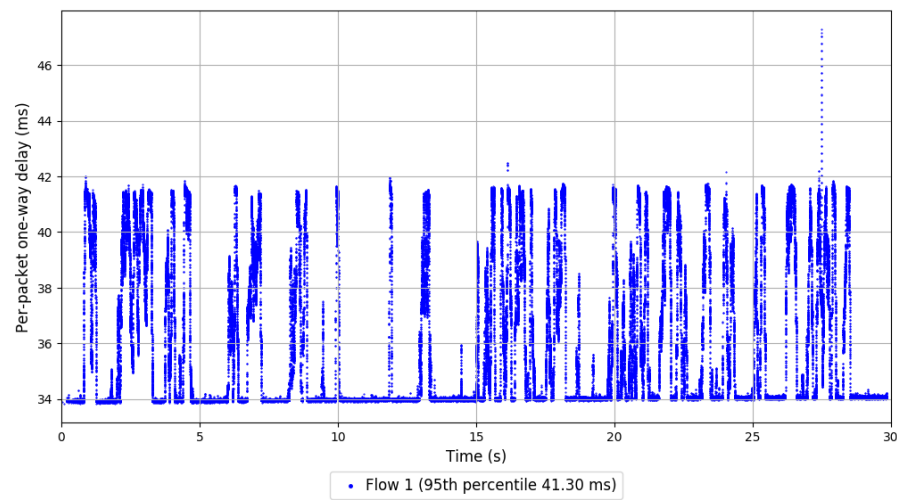
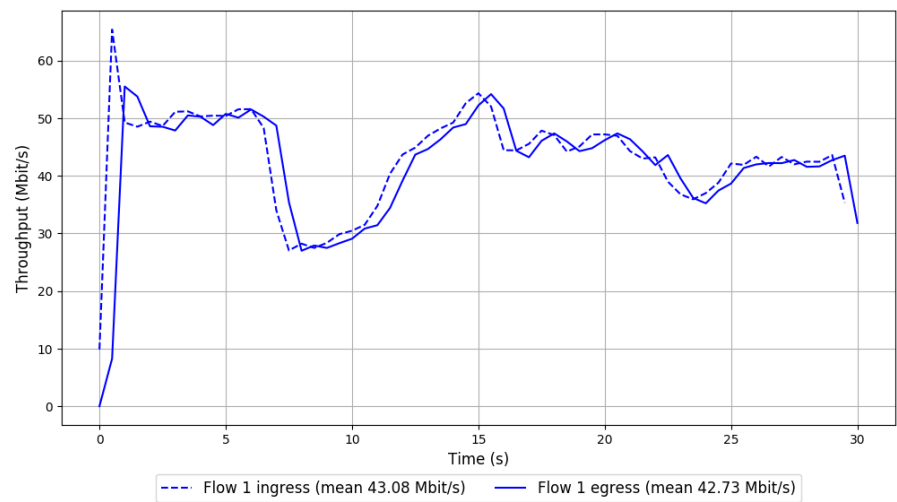
-- Flow 1:

Average throughput: 42.73 Mbit/s

95th percentile per-packet one-way delay: 41.297 ms

Loss rate: 1.05%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 13:59:01

End at: 2018-07-10 13:59:31

Local clock offset: -0.497 ms

Remote clock offset: 4.236 ms

# Below is generated by plot.py at 2018-07-10 16:36:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.71 Mbit/s

95th percentile per-packet one-way delay: 51.532 ms

Loss rate: 1.27%

-- Flow 1:

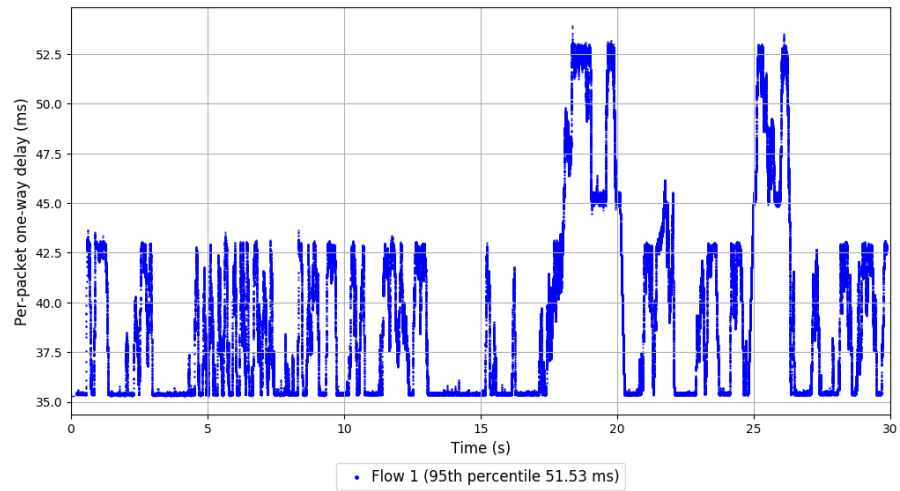
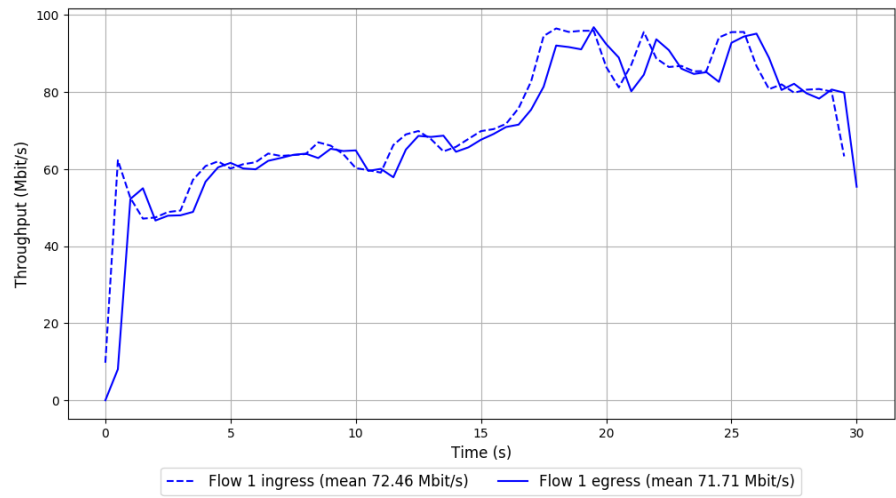
Average throughput: 71.71 Mbit/s

95th percentile per-packet one-way delay: 51.532 ms

Loss rate: 1.27%



### Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 14:25:20

End at: 2018-07-10 14:25:50

Local clock offset: -0.484 ms

Remote clock offset: 6.155 ms

# Below is generated by plot.py at 2018-07-10 16:36:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 18.07 Mbit/s

95th percentile per-packet one-way delay: 41.494 ms

Loss rate: 1.93%

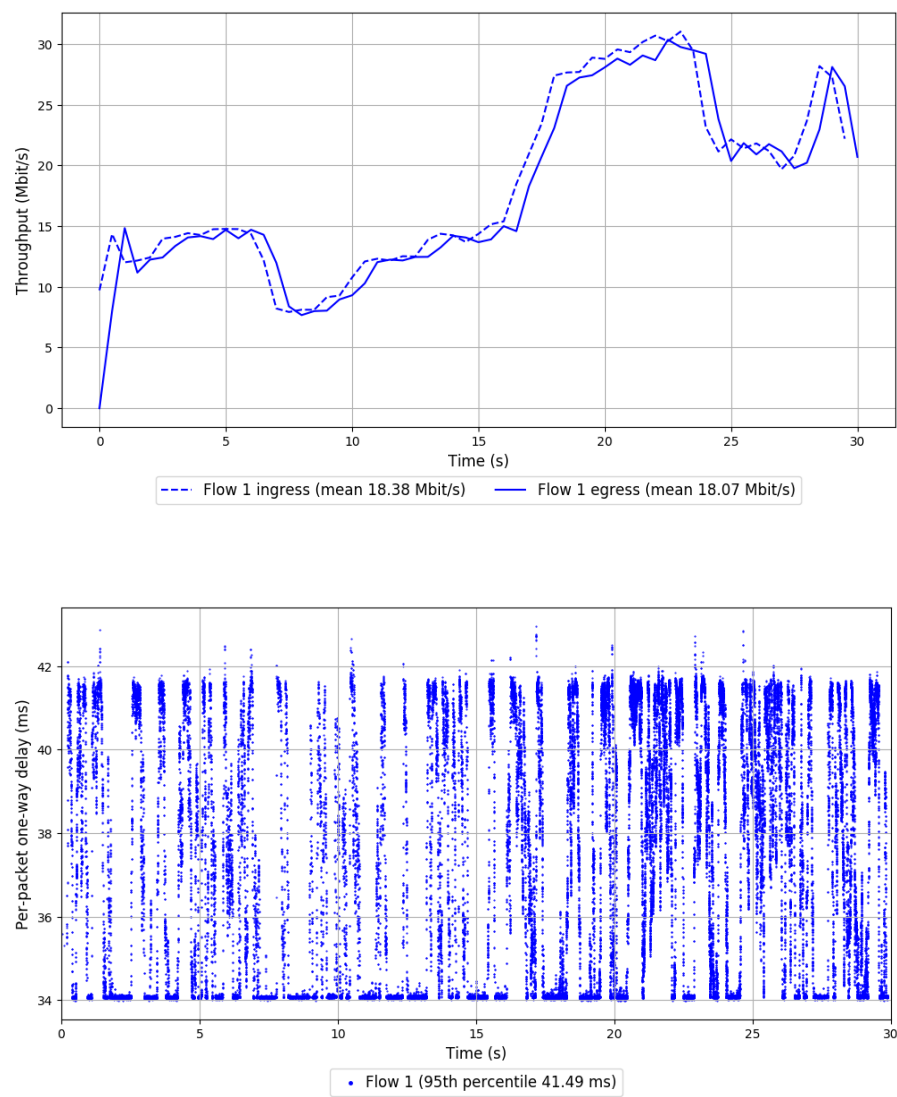
-- Flow 1:

Average throughput: 18.07 Mbit/s

95th percentile per-packet one-way delay: 41.494 ms

Loss rate: 1.93%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 14:50:50

End at: 2018-07-10 14:51:20

Local clock offset: -0.55 ms

Remote clock offset: 2.251 ms

# Below is generated by plot.py at 2018-07-10 16:36:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.87 Mbit/s

95th percentile per-packet one-way delay: 42.495 ms

Loss rate: 1.03%

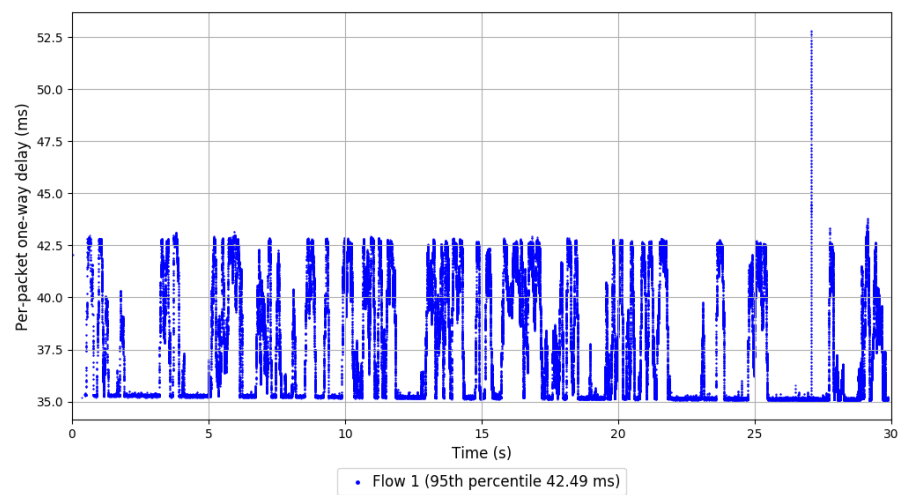
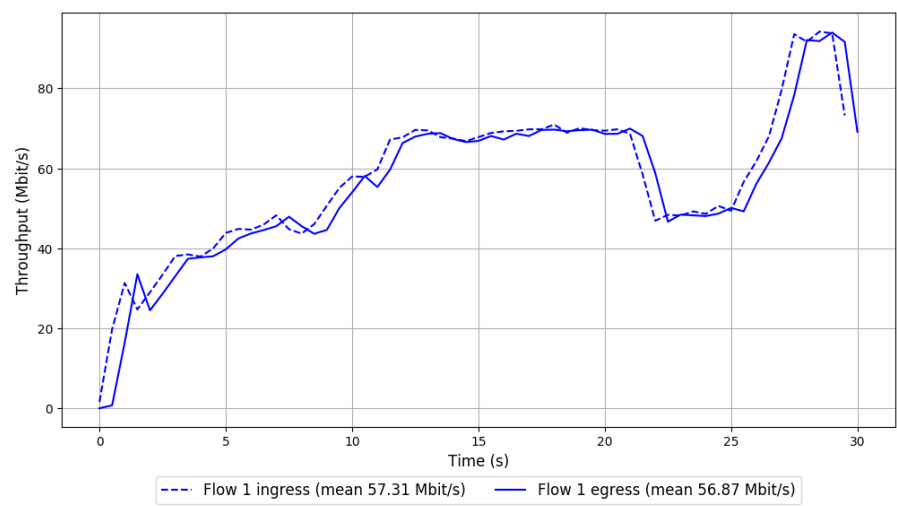
-- Flow 1:

Average throughput: 56.87 Mbit/s

95th percentile per-packet one-way delay: 42.495 ms

Loss rate: 1.03%

Run 7: Report of PCC-Expr — Data Link

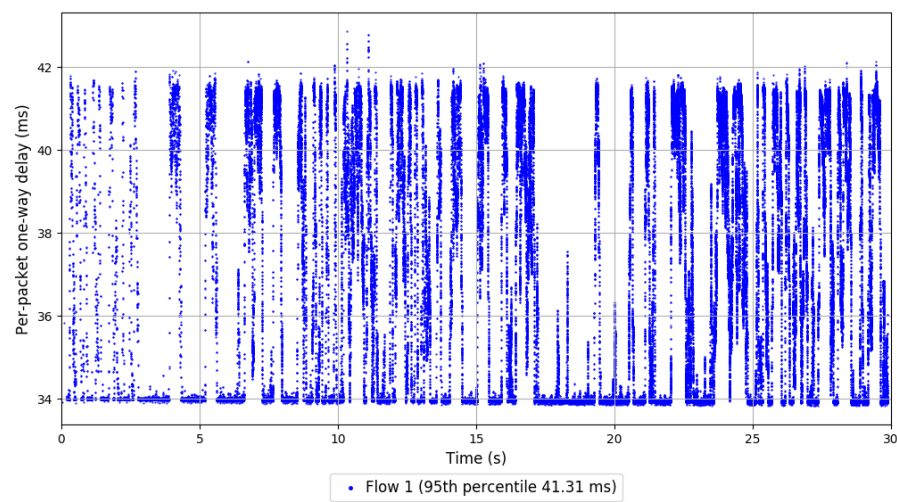
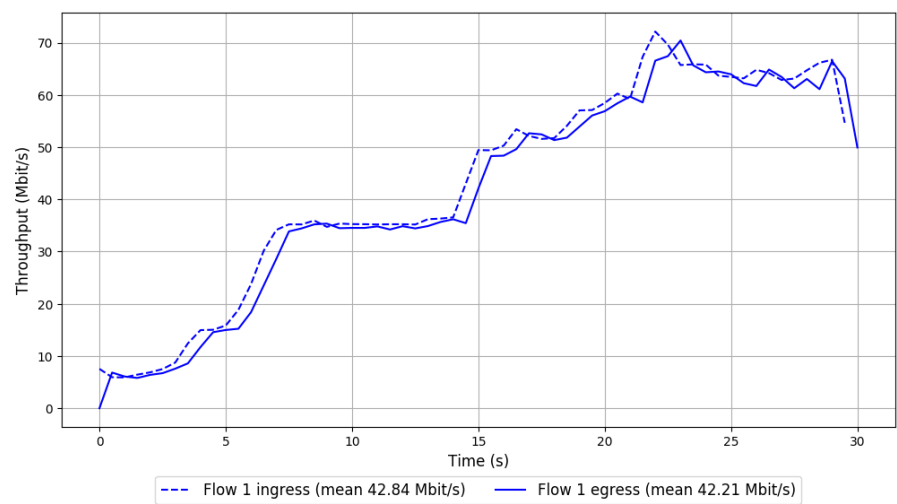


Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 15:17:07  
End at: 2018-07-10 15:17:37  
Local clock offset: -0.459 ms  
Remote clock offset: -3.097 ms

# Below is generated by plot.py at 2018-07-10 16:36:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.21 Mbit/s  
95th percentile per-packet one-way delay: 41.307 ms  
Loss rate: 1.72%  
-- Flow 1:  
Average throughput: 42.21 Mbit/s  
95th percentile per-packet one-way delay: 41.307 ms  
Loss rate: 1.72%

Run 8: Report of PCC-Expr — Data Link



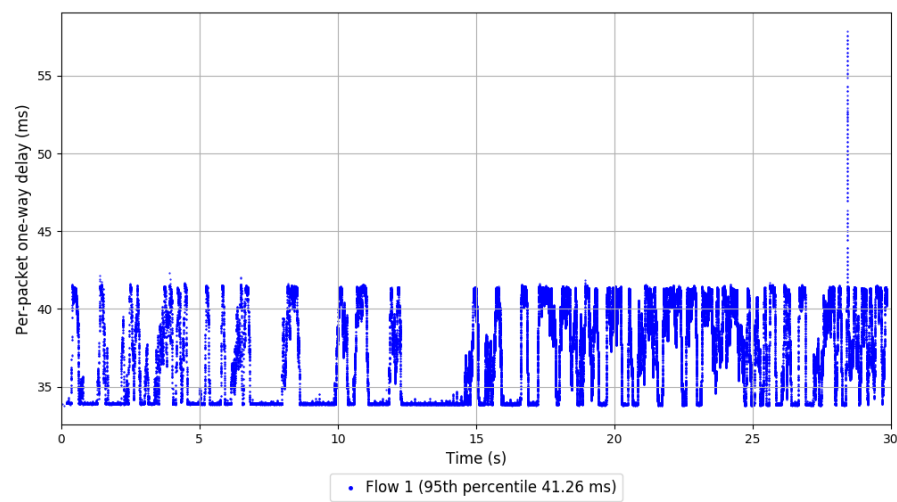
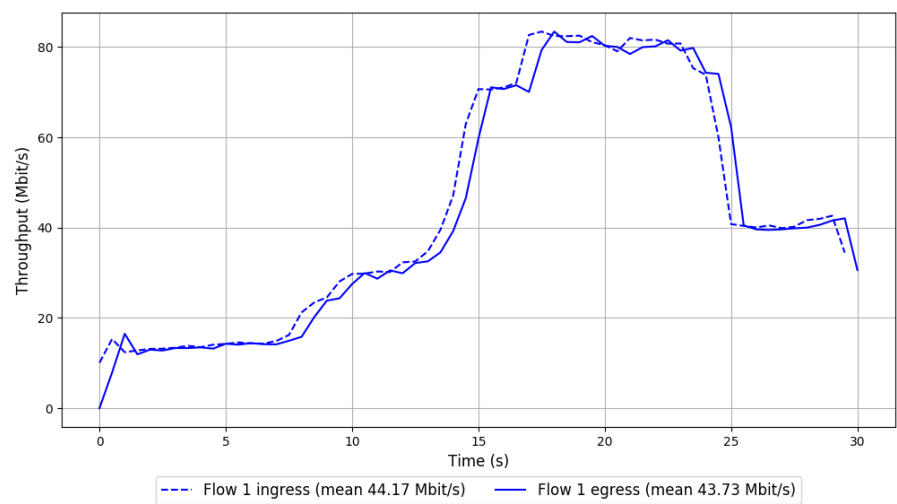
Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 15:43:05  
End at: 2018-07-10 15:43:35  
Local clock offset: -0.223 ms  
Remote clock offset: -6.082 ms

# Below is generated by plot.py at 2018-07-10 16:36:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.73 Mbit/s  
95th percentile per-packet one-way delay: 41.256 ms  
Loss rate: 1.21%  
-- Flow 1:  
Average throughput: 43.73 Mbit/s  
95th percentile per-packet one-way delay: 41.256 ms  
Loss rate: 1.21%



Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 16:06:48

End at: 2018-07-10 16:07:18

Local clock offset: 0.161 ms

Remote clock offset: 2.297 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.49 Mbit/s

95th percentile per-packet one-way delay: 49.331 ms

Loss rate: 0.71%

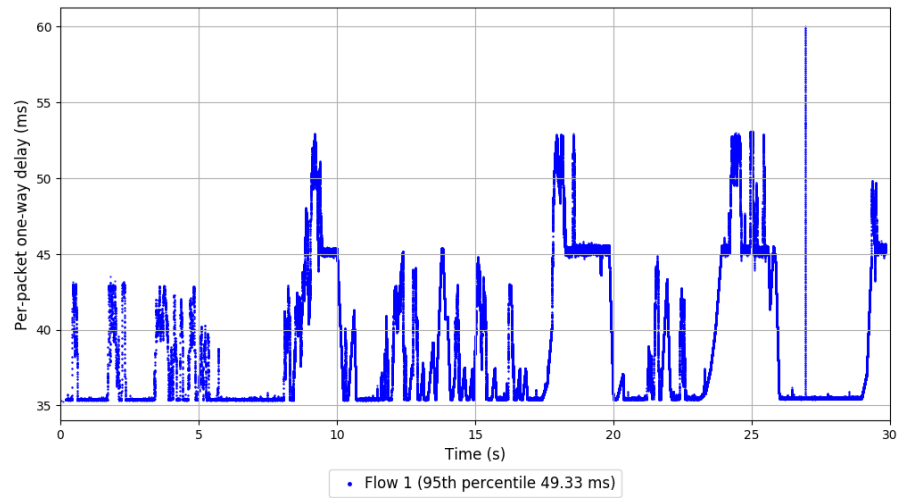
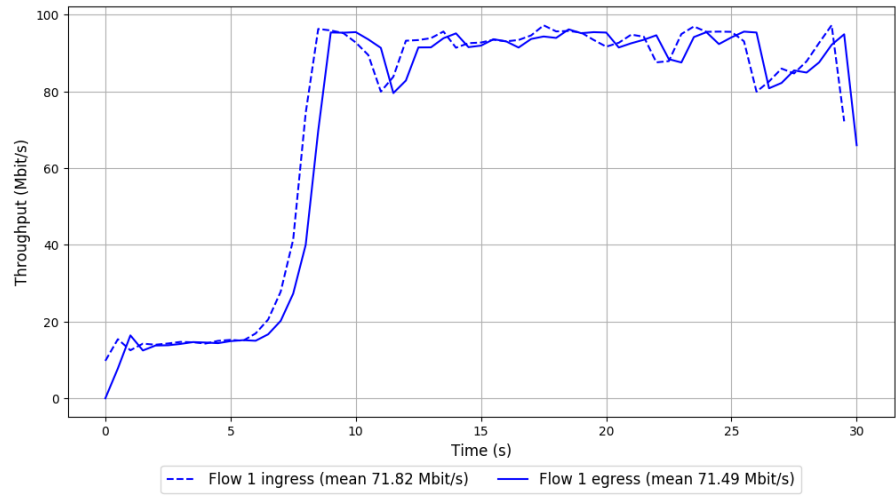
-- Flow 1:

Average throughput: 71.49 Mbit/s

95th percentile per-packet one-way delay: 49.331 ms

Loss rate: 0.71%

# Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

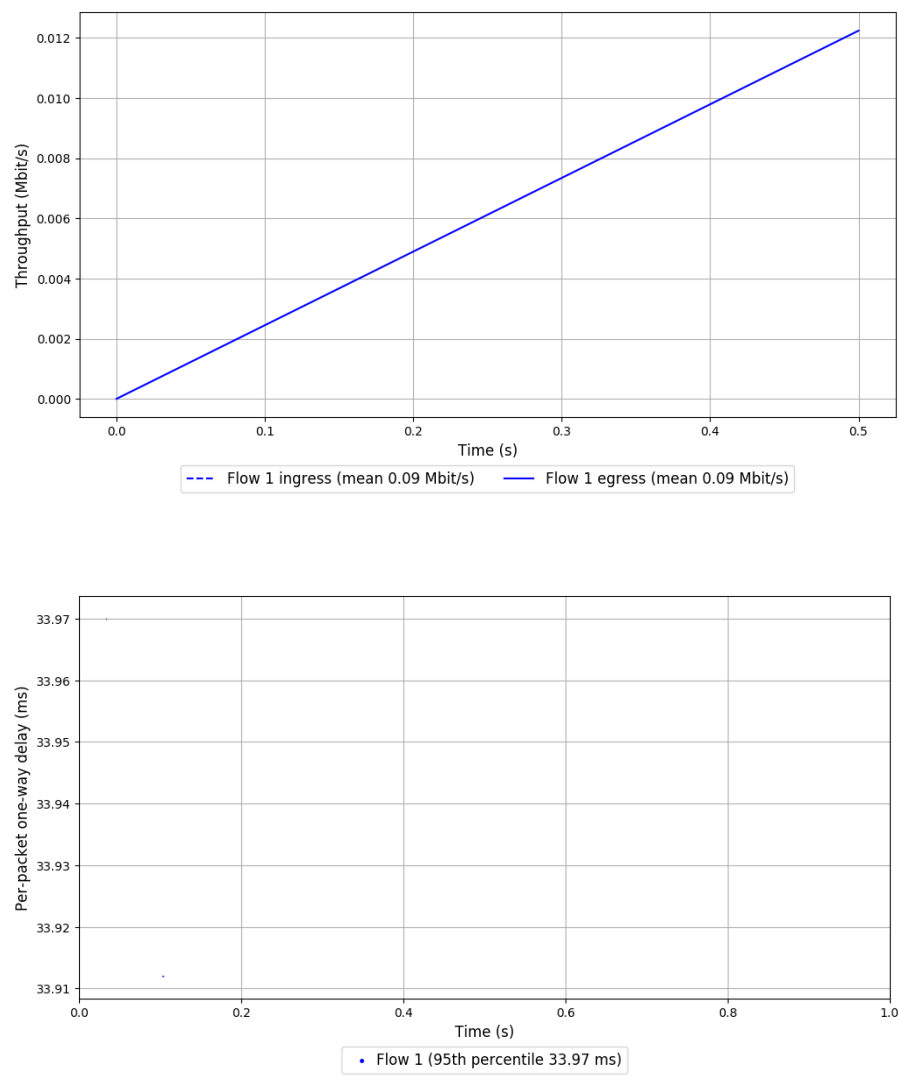
Start at: 2018-07-10 12:31:23

End at: 2018-07-10 12:31:53

Local clock offset: -0.038 ms

Remote clock offset: 1.695 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 12:55:07

End at: 2018-07-10 12:55:37

Local clock offset: -0.163 ms

Remote clock offset: 0.162 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 32.95 Mbit/s

95th percentile per-packet one-way delay: 40.580 ms

Loss rate: 0.50%

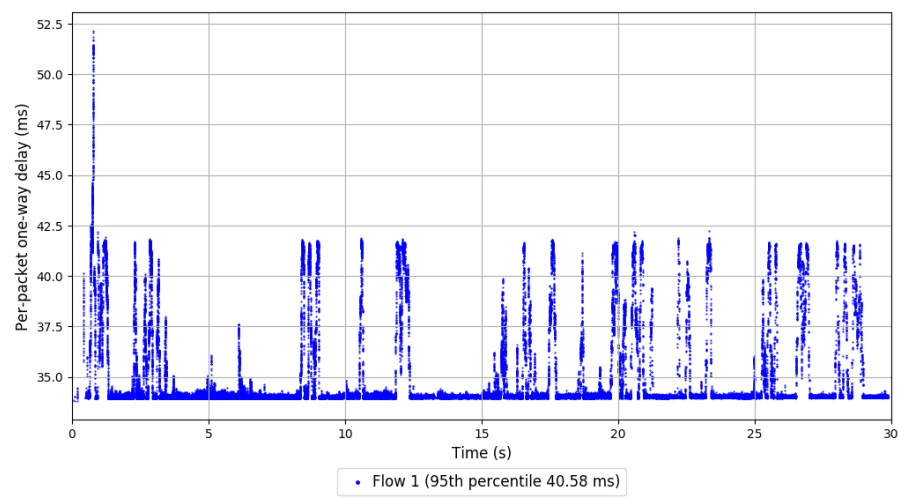
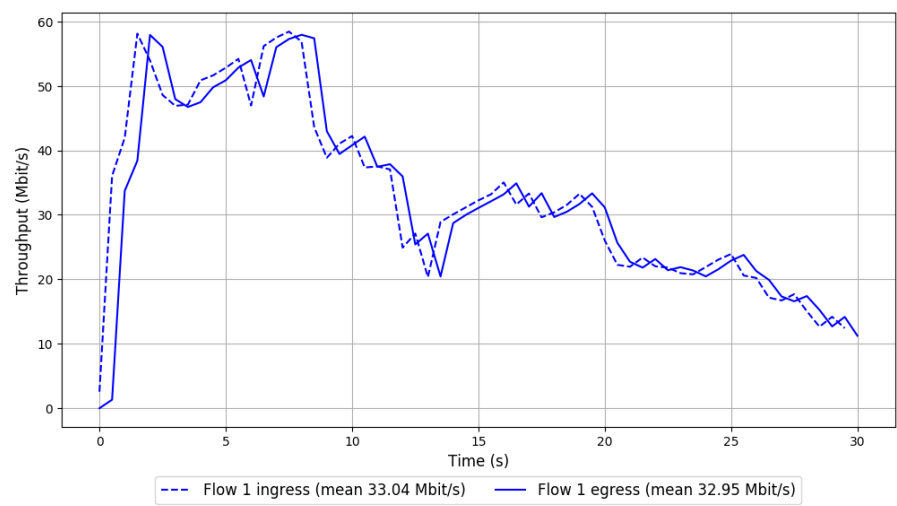
-- Flow 1:

Average throughput: 32.95 Mbit/s

95th percentile per-packet one-way delay: 40.580 ms

Loss rate: 0.50%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 13:19:26

End at: 2018-07-10 13:19:56

Local clock offset: -0.108 ms

Remote clock offset: 0.414 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.38 Mbit/s

95th percentile per-packet one-way delay: 42.011 ms

Loss rate: 0.85%

-- Flow 1:

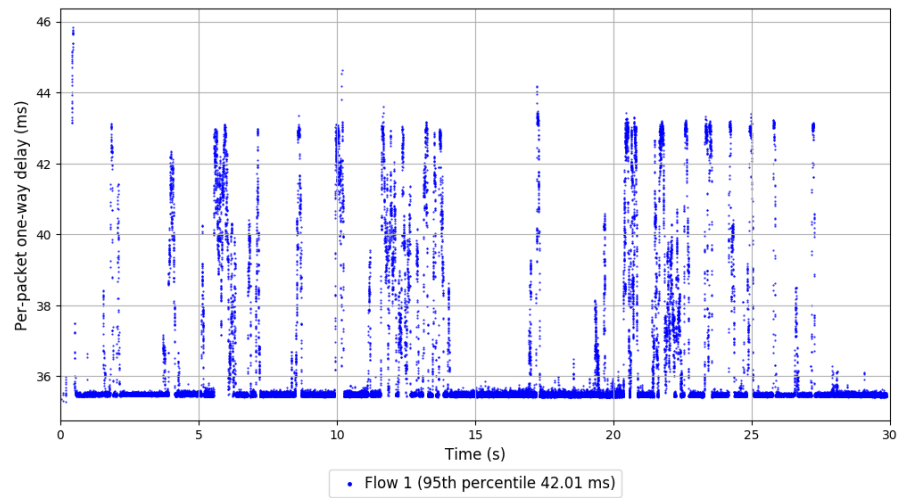
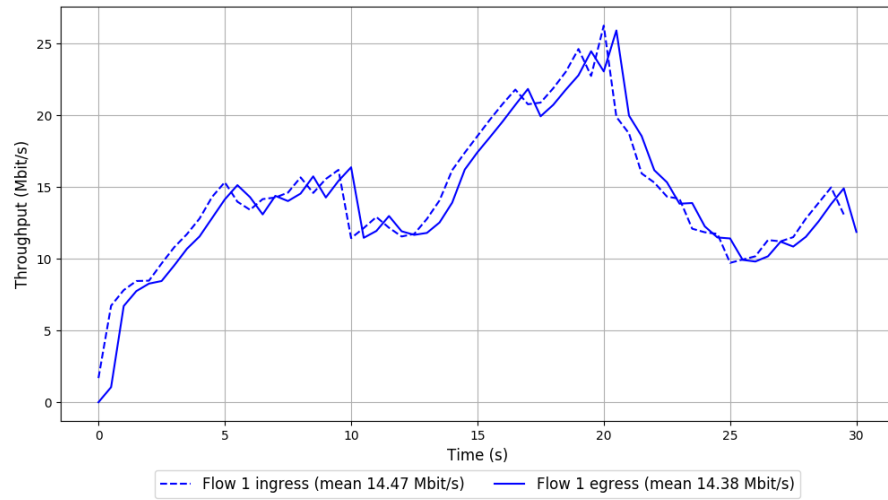
Average throughput: 14.38 Mbit/s

95th percentile per-packet one-way delay: 42.011 ms

Loss rate: 0.85%



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



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 13:43:37

End at: 2018-07-10 13:44:07

Local clock offset: -0.272 ms

Remote clock offset: 2.431 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 23.55 Mbit/s

95th percentile per-packet one-way delay: 45.433 ms

Loss rate: 0.61%

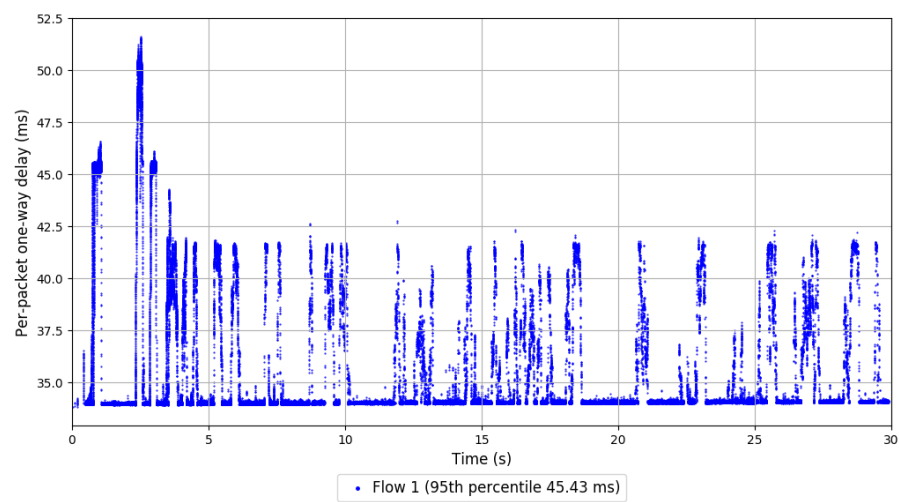
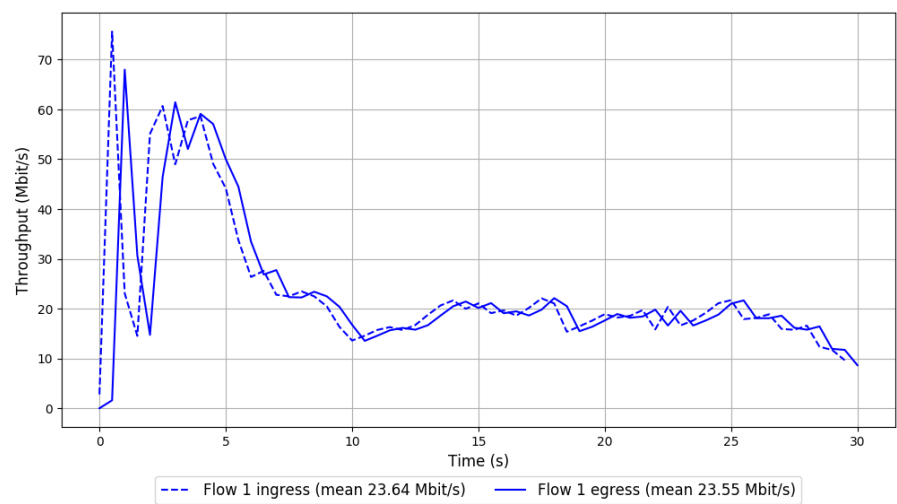
-- Flow 1:

Average throughput: 23.55 Mbit/s

95th percentile per-packet one-way delay: 45.433 ms

Loss rate: 0.61%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 14:08:11

End at: 2018-07-10 14:08:41

Local clock offset: -0.528 ms

Remote clock offset: 5.059 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.39 Mbit/s

95th percentile per-packet one-way delay: 41.412 ms

Loss rate: 1.03%

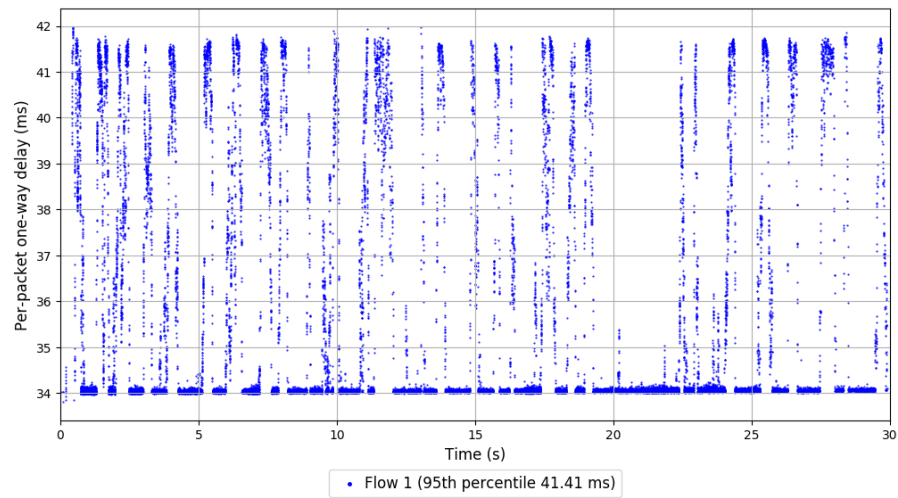
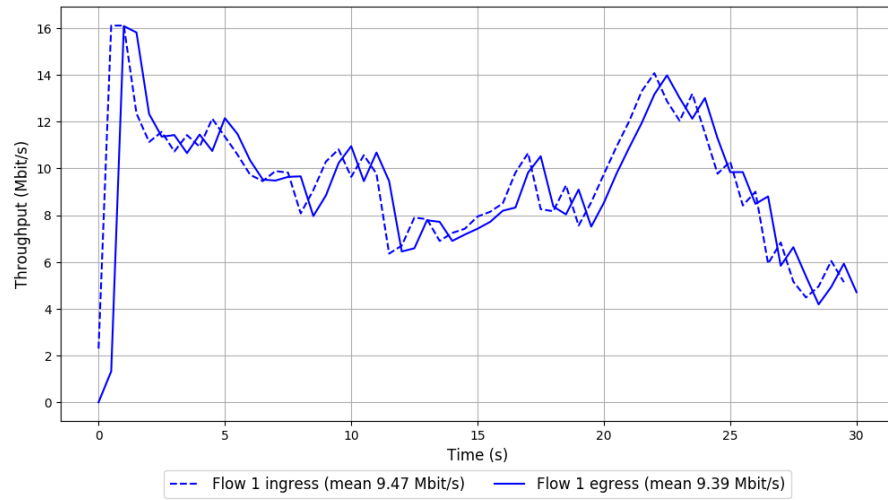
-- Flow 1:

Average throughput: 9.39 Mbit/s

95th percentile per-packet one-way delay: 41.412 ms

Loss rate: 1.03%

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



Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 14:34:21

End at: 2018-07-10 14:34:51

Local clock offset: -0.475 ms

Remote clock offset: 6.444 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.42 Mbit/s

95th percentile per-packet one-way delay: 41.423 ms

Loss rate: 1.51%

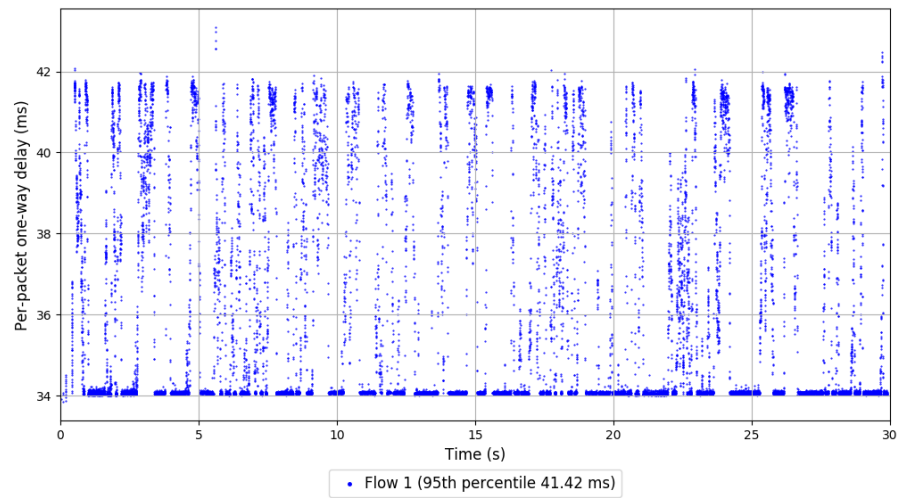
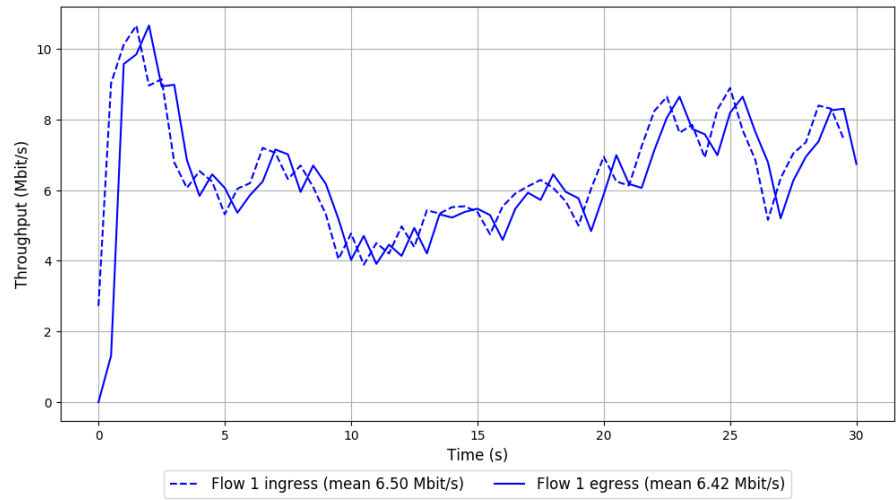
-- Flow 1:

Average throughput: 6.42 Mbit/s

95th percentile per-packet one-way delay: 41.423 ms

Loss rate: 1.51%

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



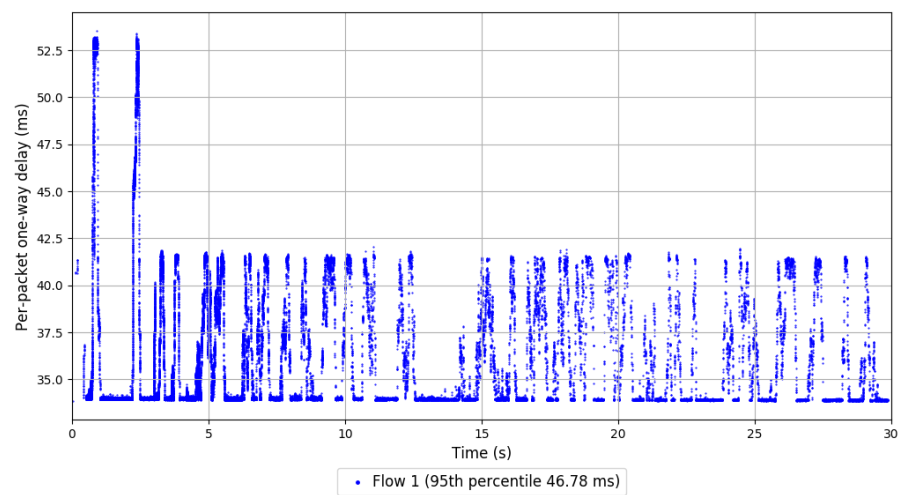
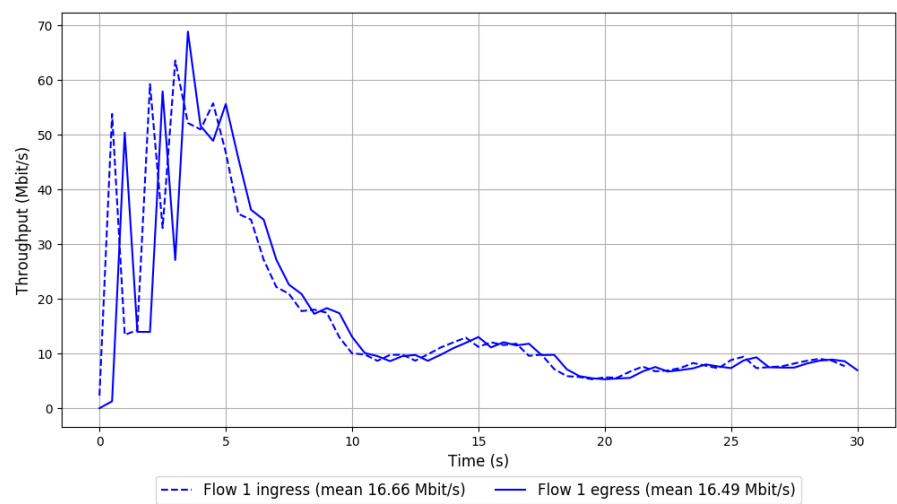
Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 14:59:29  
End at: 2018-07-10 14:59:59  
Local clock offset: -0.463 ms  
Remote clock offset: -0.312 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.49 Mbit/s  
95th percentile per-packet one-way delay: 46.777 ms  
Loss rate: 1.21%  
-- Flow 1:  
Average throughput: 16.49 Mbit/s  
95th percentile per-packet one-way delay: 46.777 ms  
Loss rate: 1.21%



Run 7: Report of QUIC Cubic — Data Link

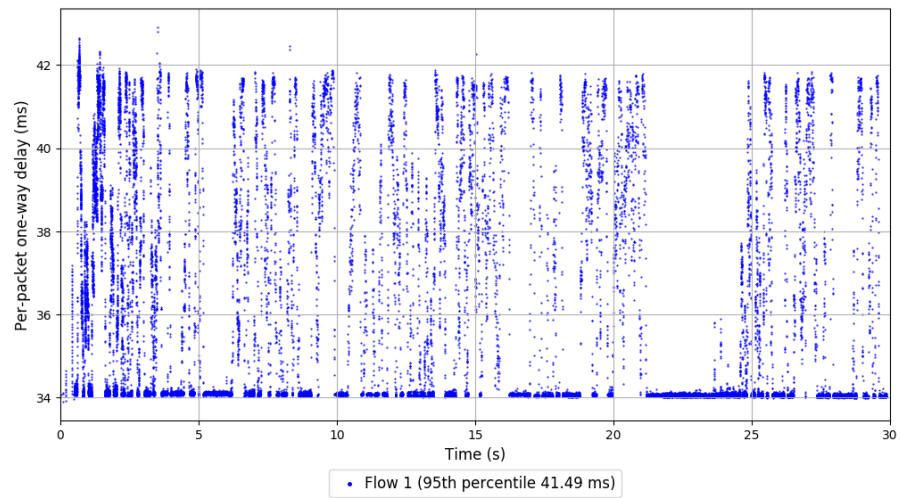
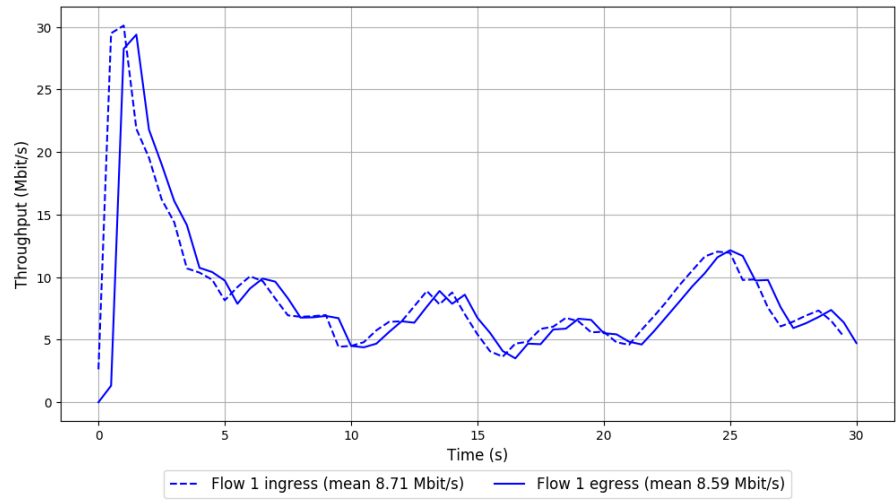


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 15:26:17  
End at: 2018-07-10 15:26:47  
Local clock offset: -0.318 ms  
Remote clock offset: -4.181 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 8.59 Mbit/s  
95th percentile per-packet one-way delay: 41.488 ms  
Loss rate: 1.60%  
-- Flow 1:  
Average throughput: 8.59 Mbit/s  
95th percentile per-packet one-way delay: 41.488 ms  
Loss rate: 1.60%

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



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 15:51:47

End at: 2018-07-10 15:52:17

Local clock offset: 0.038 ms

Remote clock offset: -7.025 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 41.631 ms

Loss rate: 0.73%

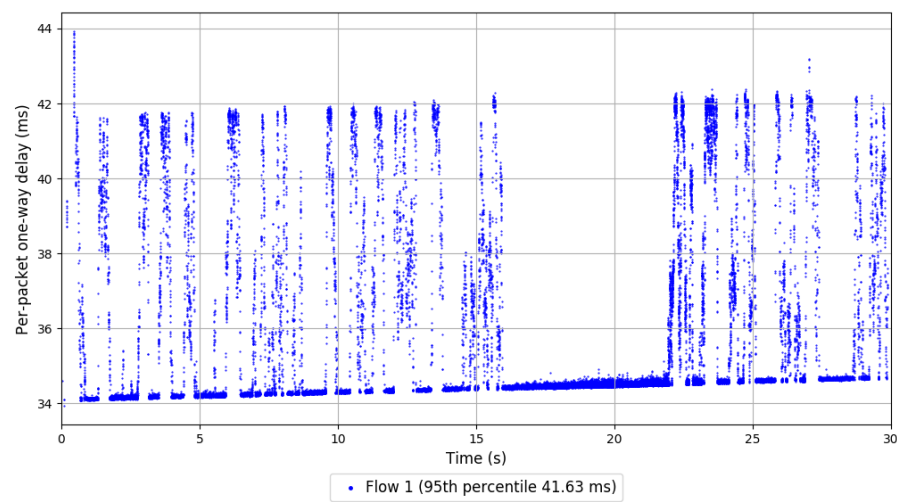
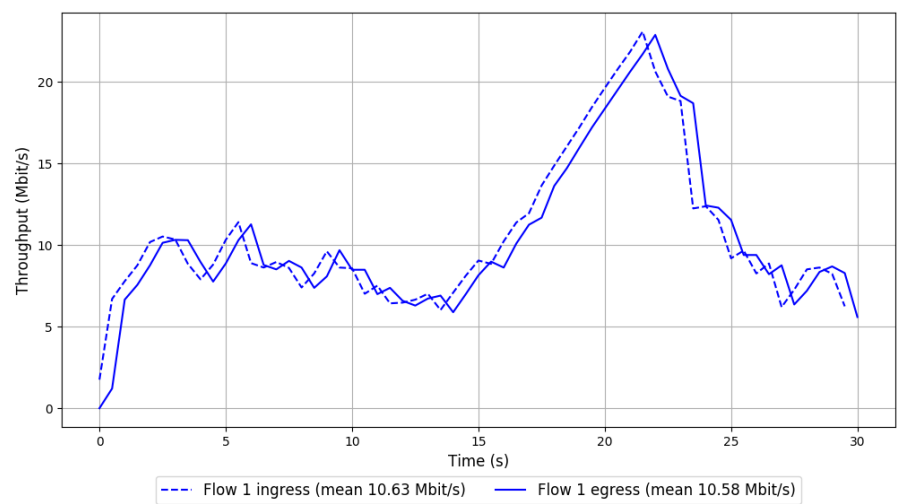
-- Flow 1:

Average throughput: 10.58 Mbit/s

95th percentile per-packet one-way delay: 41.631 ms

Loss rate: 0.73%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 16:15:04

End at: 2018-07-10 16:15:34

Local clock offset: 0.19 ms

Remote clock offset: 4.08 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 37.47 Mbit/s

95th percentile per-packet one-way delay: 45.435 ms

Loss rate: 0.76%

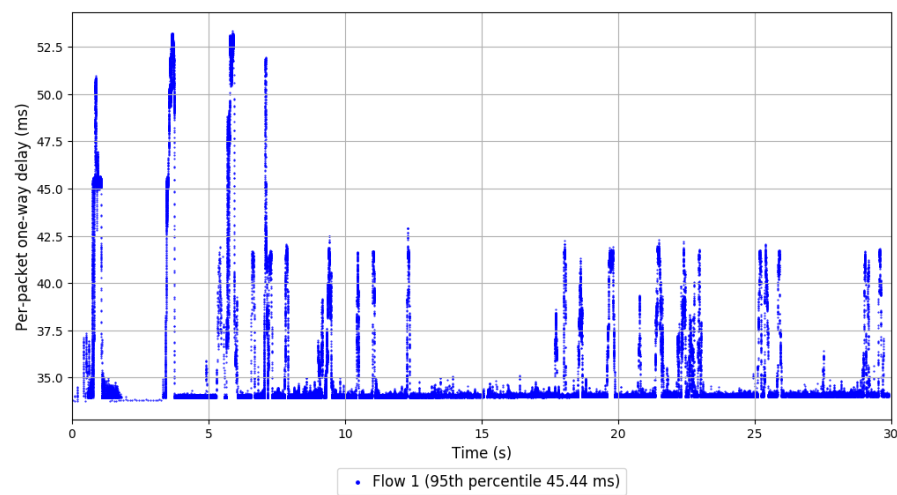
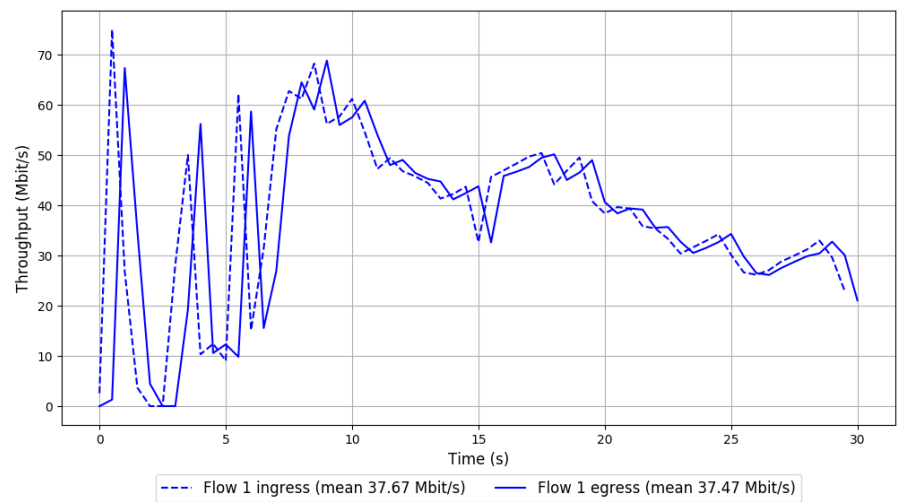
-- Flow 1:

Average throughput: 37.47 Mbit/s

95th percentile per-packet one-way delay: 45.435 ms

Loss rate: 0.76%

Run 10: Report of QUIC Cubic — Data Link



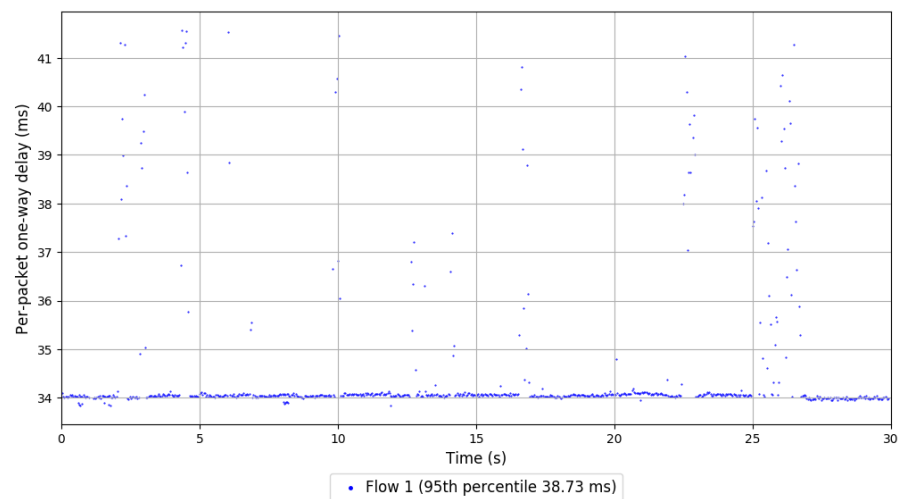
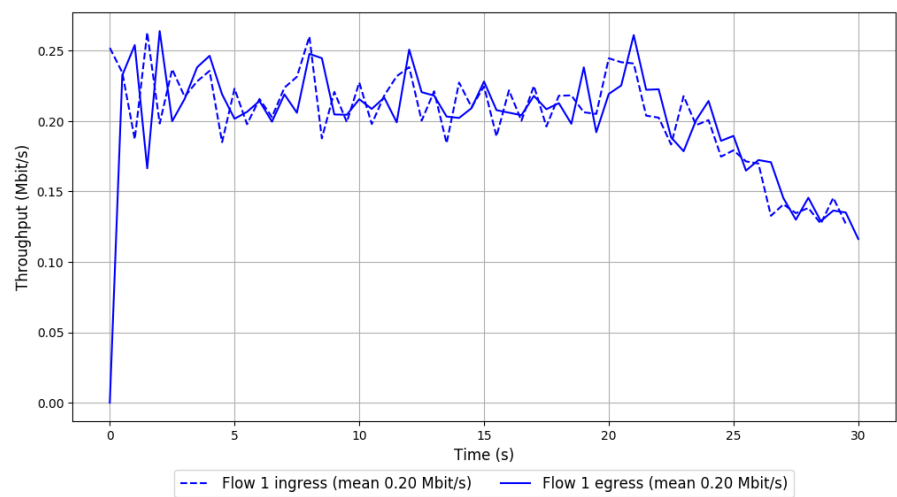
```
Run 1: Statistics of SCReAM

Start at: 2018-07-10 12:24:41
End at: 2018-07-10 12:25:11
Local clock offset: -0.113 ms
Remote clock offset: 2.759 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.729 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 38.729 ms
Loss rate: 0.33%
```



Run 1: Report of SReAM — Data Link

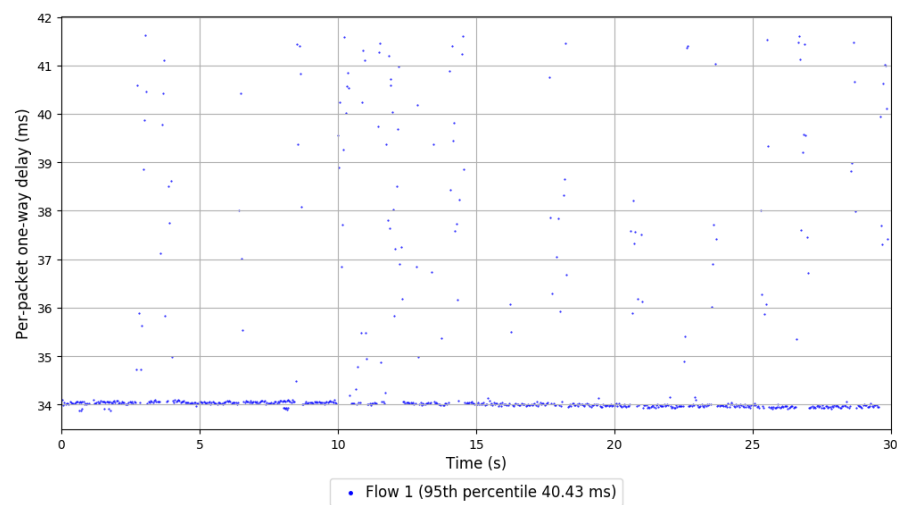
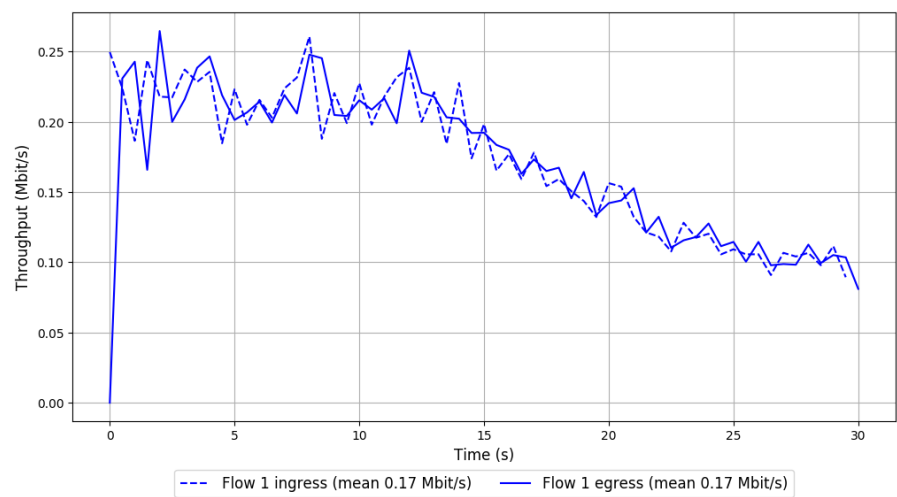


```
Run 2: Statistics of SCReAM

Start at: 2018-07-10 12:48:08
End at: 2018-07-10 12:48:38
Local clock offset: -0.088 ms
Remote clock offset: 0.21 ms

# Below is generated by plot.py at 2018-07-10 16:37:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 0.45%
```

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: 2018-07-10 13:12:24

End at: 2018-07-10 13:12:54

Local clock offset: -0.041 ms

Remote clock offset: 0.46 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 37.652 ms

Loss rate: 0.79%

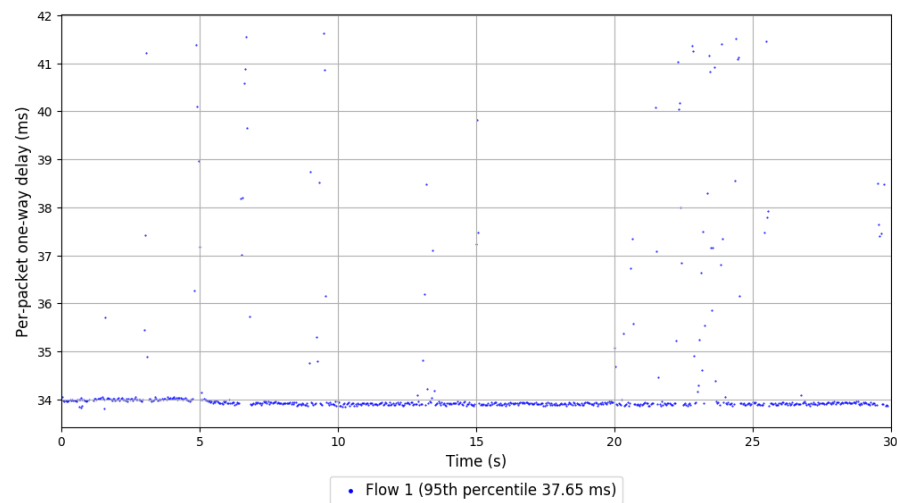
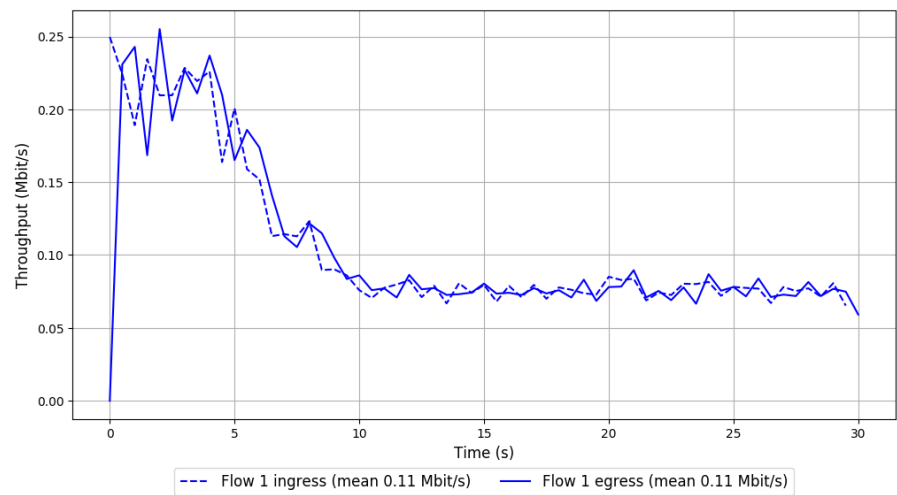
-- Flow 1:

Average throughput: 0.11 Mbit/s

95th percentile per-packet one-way delay: 37.652 ms

Loss rate: 0.79%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-07-10 13:36:43

End at: 2018-07-10 13:37:13

Local clock offset: -0.068 ms

Remote clock offset: 0.869 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 40.967 ms

Loss rate: 0.61%

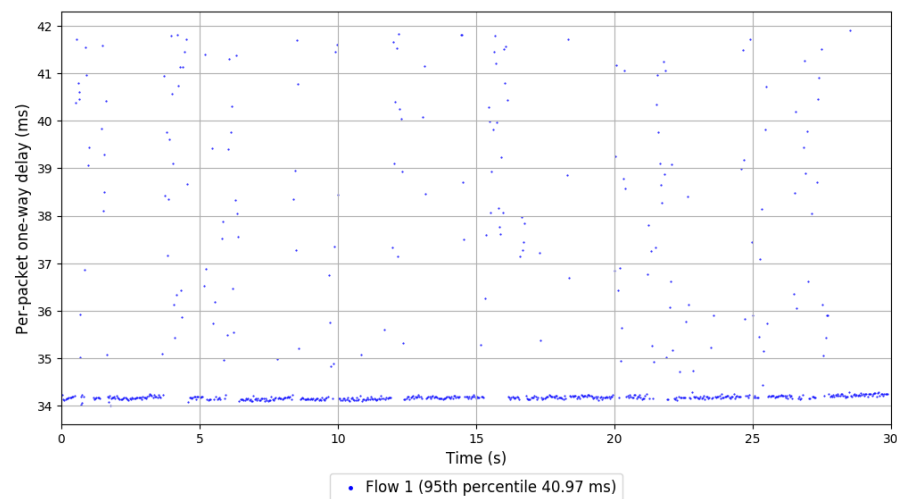
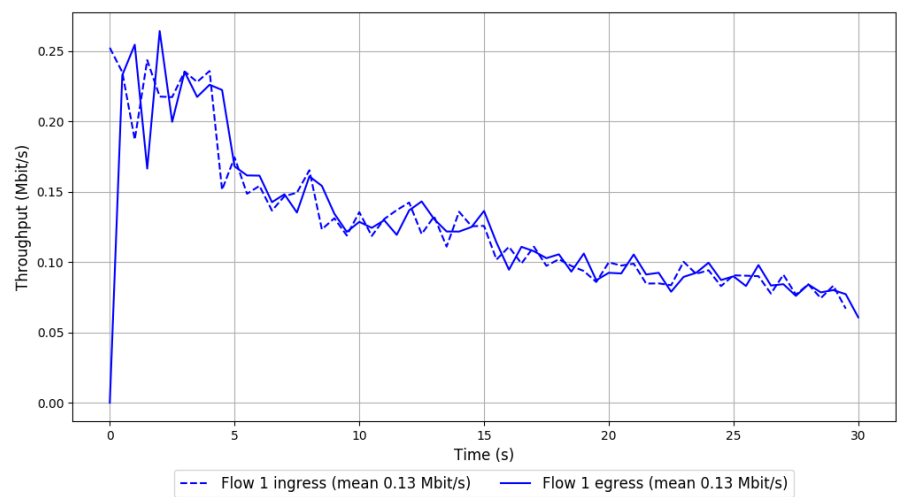
-- Flow 1:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 40.967 ms

Loss rate: 0.61%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-07-10 14:00:47

End at: 2018-07-10 14:01:17

Local clock offset: -0.495 ms

Remote clock offset: 4.459 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 41.346 ms

Loss rate: 1.66%

-- Flow 1:

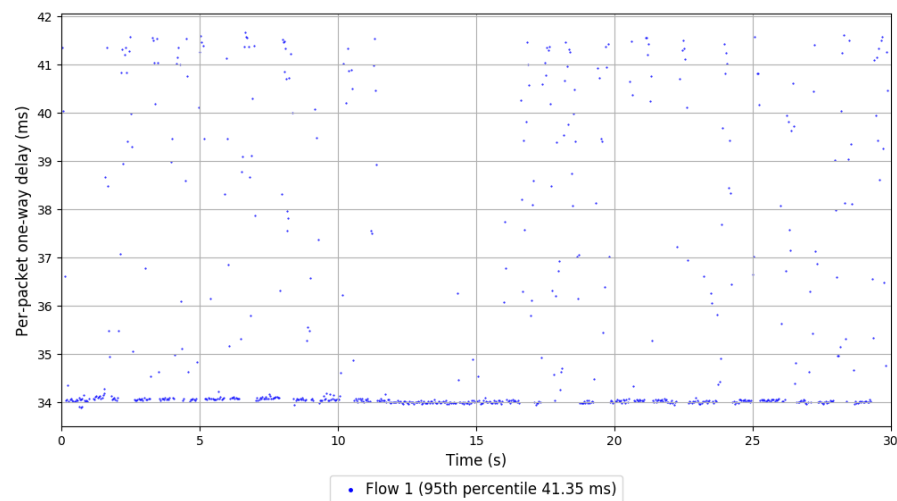
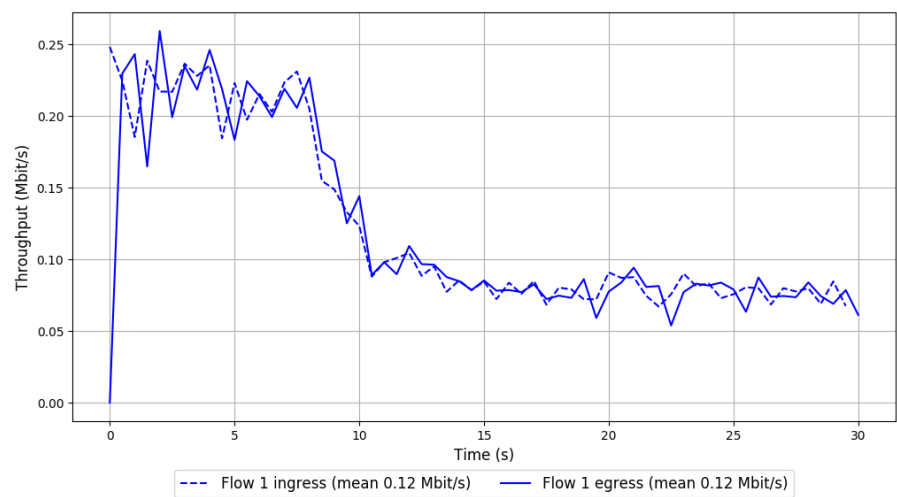
Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 41.346 ms

Loss rate: 1.66%



Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-07-10 14:26:49

End at: 2018-07-10 14:27:19

Local clock offset: -0.463 ms

Remote clock offset: 6.26 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 41.378 ms

Loss rate: 0.58%

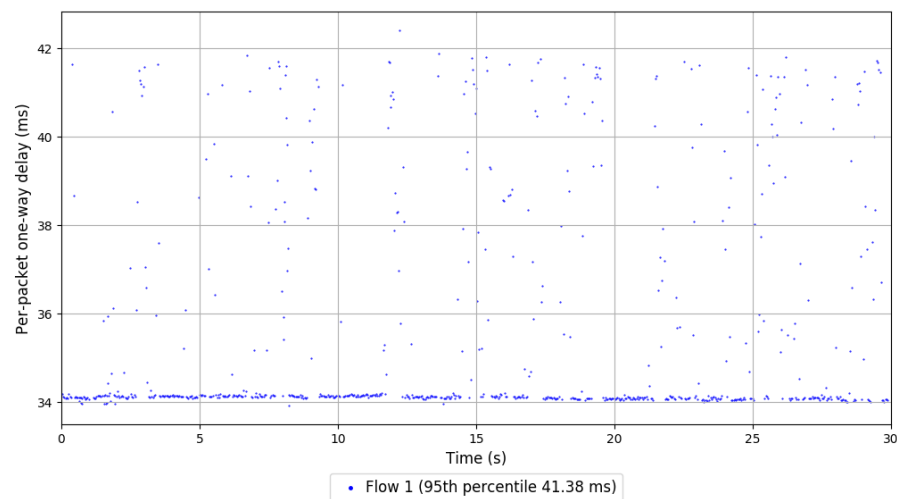
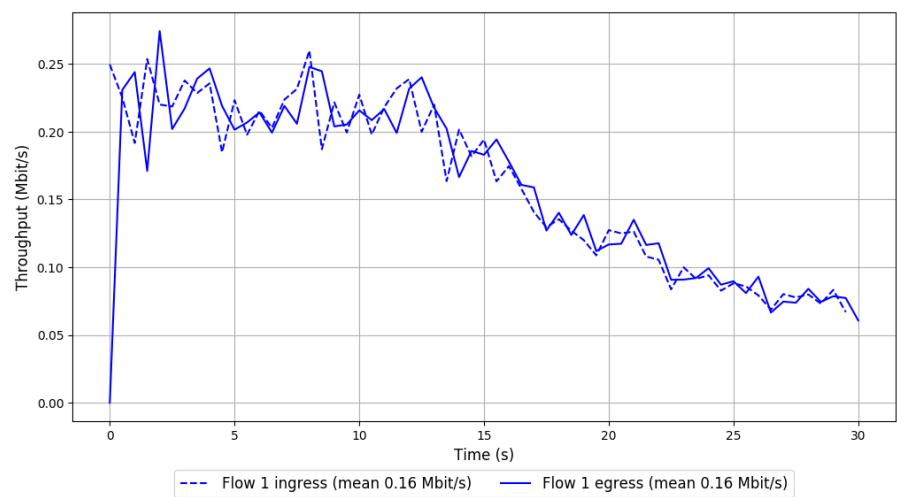
-- Flow 1:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 41.378 ms

Loss rate: 0.58%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-07-10 14:52:30

End at: 2018-07-10 14:53:00

Local clock offset: -0.466 ms

Remote clock offset: 1.643 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 40.783 ms

Loss rate: 1.08%

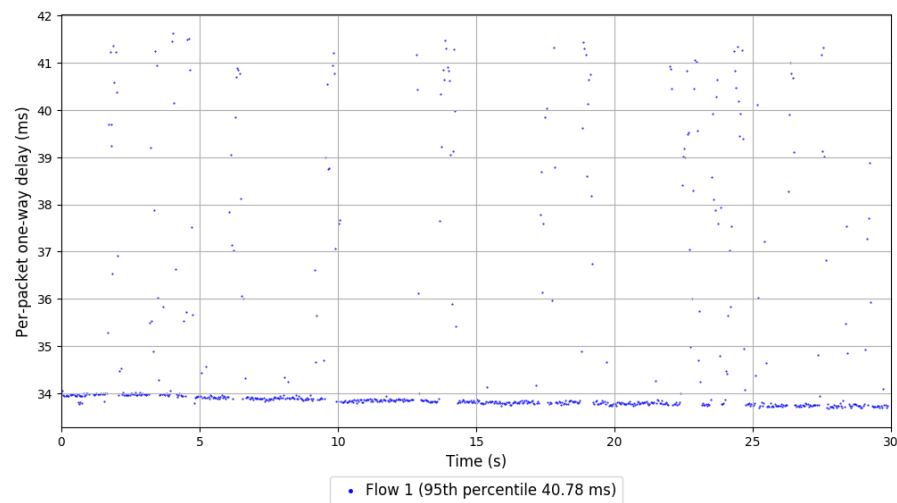
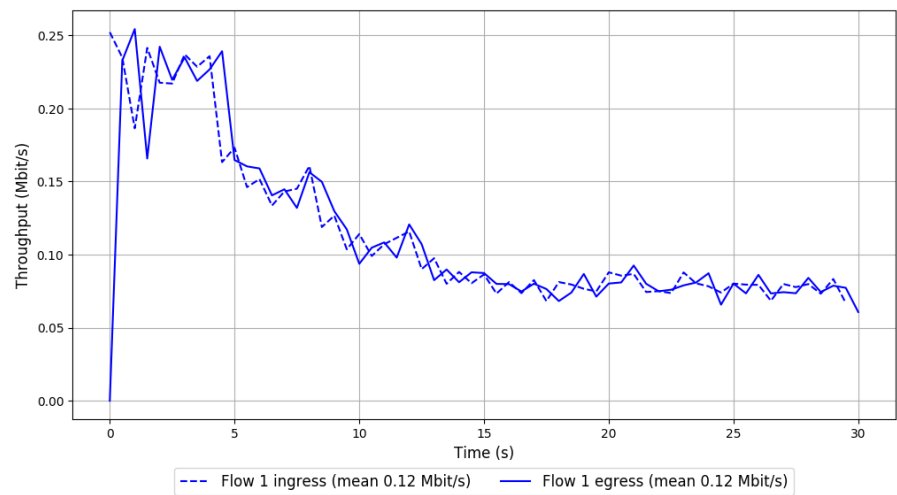
-- Flow 1:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 40.783 ms

Loss rate: 1.08%

Run 7: Report of SReAM — Data Link

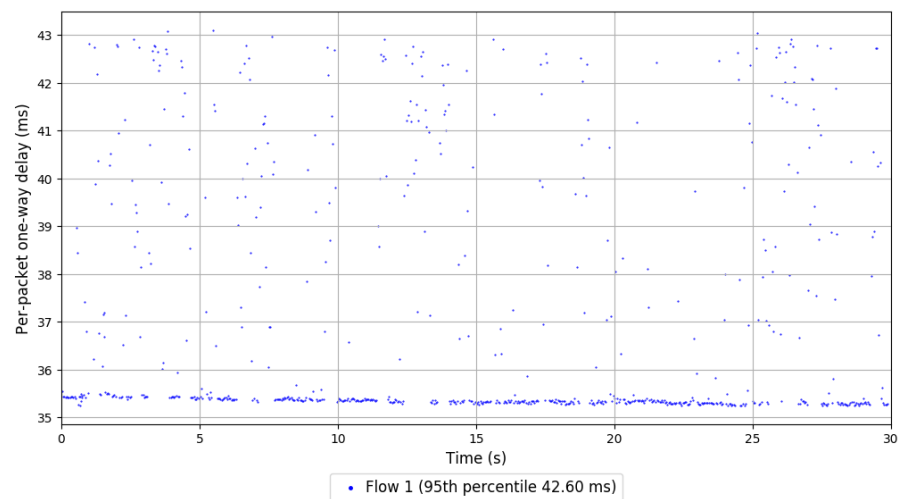
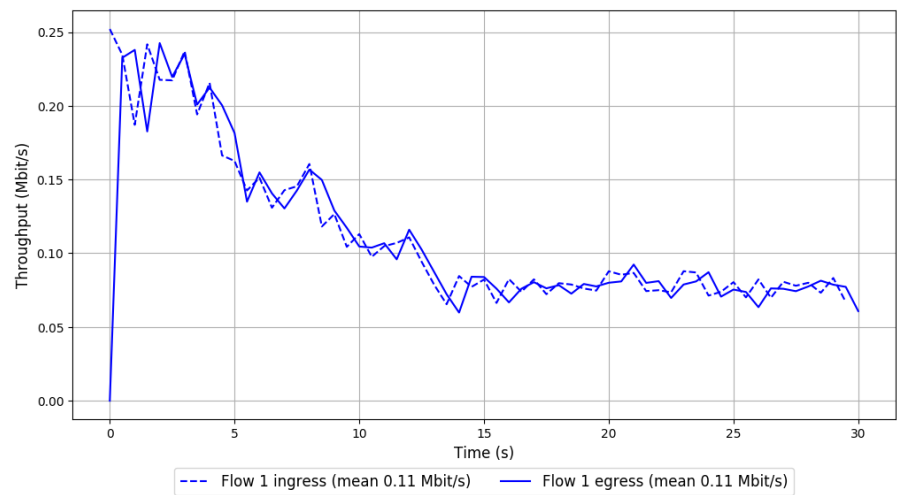


Run 8: Statistics of SCReAM

Start at: 2018-07-10 15:18:51  
End at: 2018-07-10 15:19:21  
Local clock offset: -0.348 ms  
Remote clock offset: -3.282 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 42.596 ms  
Loss rate: 1.48%  
-- Flow 1:  
Average throughput: 0.11 Mbit/s  
95th percentile per-packet one-way delay: 42.596 ms  
Loss rate: 1.48%

Run 8: Report of SReAM — Data Link



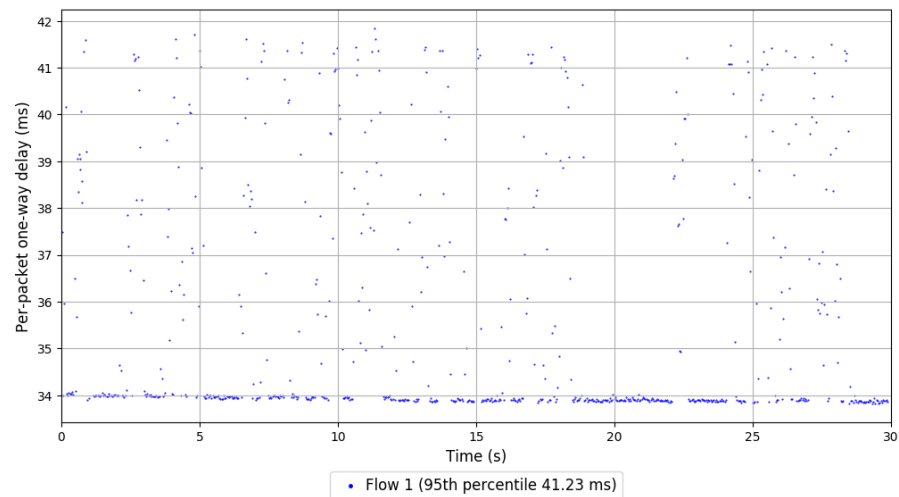
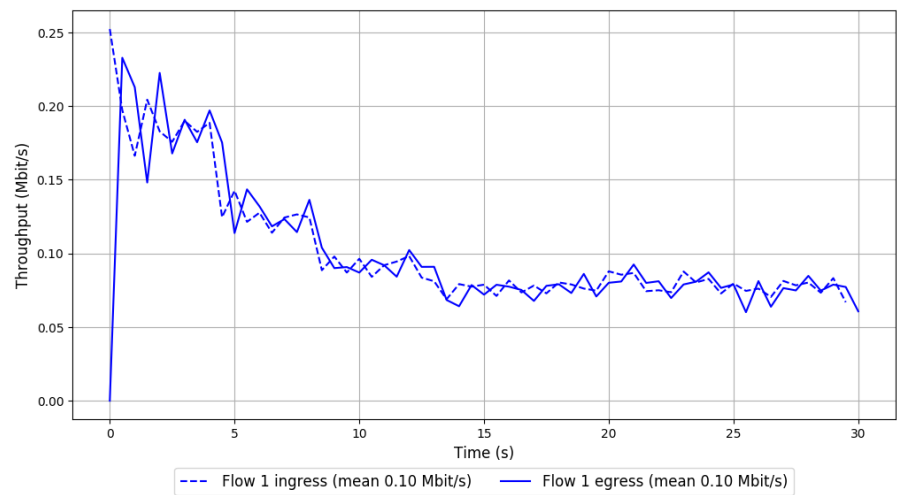
Run 9: Statistics of SCReAM

Start at: 2018-07-10 15:44:44  
End at: 2018-07-10 15:45:14  
Local clock offset: -0.1 ms  
Remote clock offset: -6.292 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 41.226 ms  
Loss rate: 1.46%  
-- Flow 1:  
Average throughput: 0.10 Mbit/s  
95th percentile per-packet one-way delay: 41.226 ms  
Loss rate: 1.46%



Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-07-10 16:08:21

End at: 2018-07-10 16:08:51

Local clock offset: 0.162 ms

Remote clock offset: 2.697 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 36.714 ms

Loss rate: 0.26%

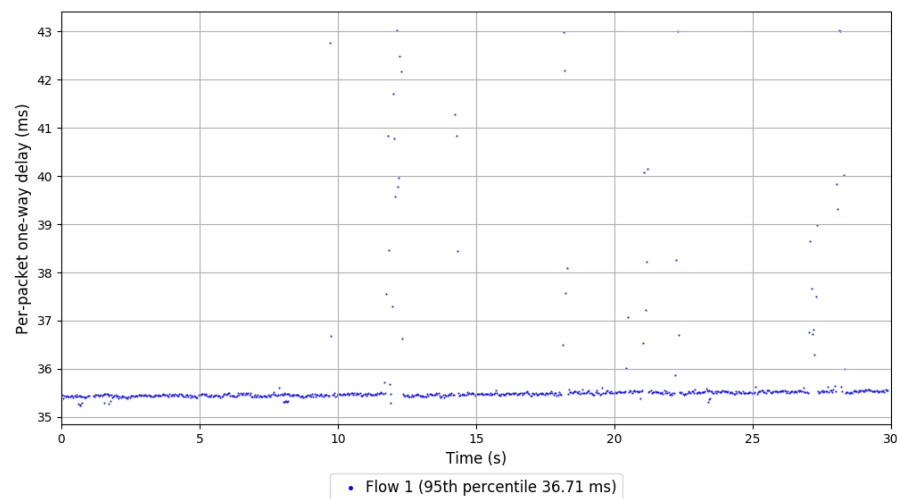
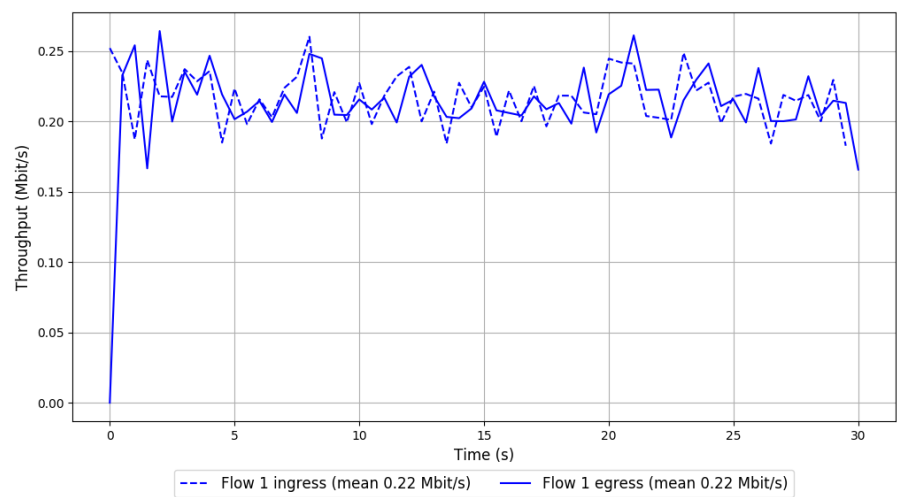
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 36.714 ms

Loss rate: 0.26%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-07-10 12:21:47

End at: 2018-07-10 12:22:17

Local clock offset: -0.125 ms

Remote clock offset: 2.83 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.04 Mbit/s

95th percentile per-packet one-way delay: 41.578 ms

Loss rate: 0.47%

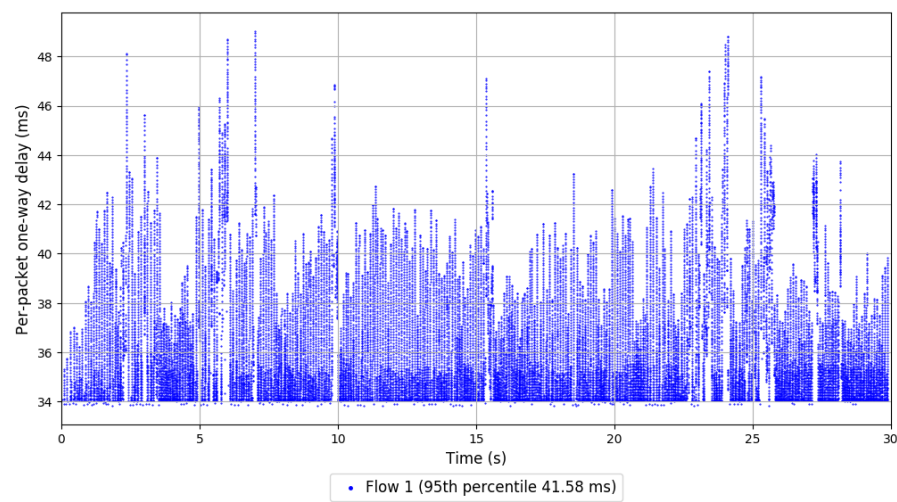
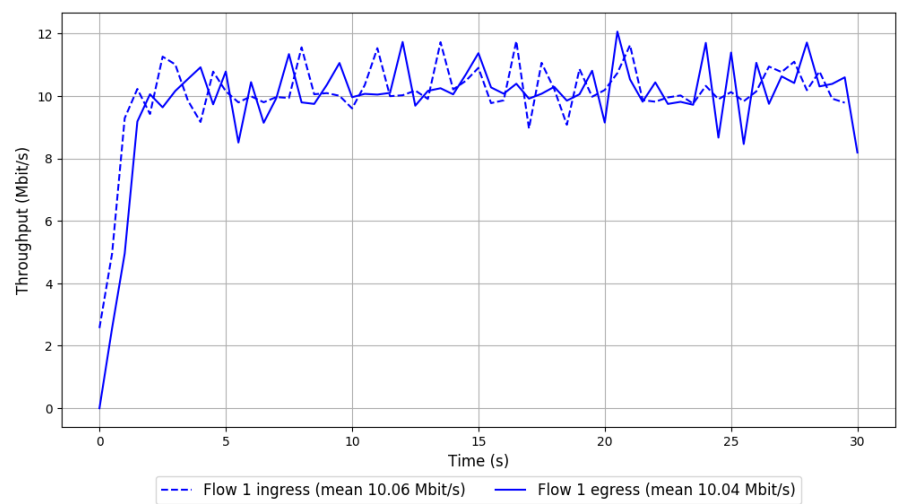
-- Flow 1:

Average throughput: 10.04 Mbit/s

95th percentile per-packet one-way delay: 41.578 ms

Loss rate: 0.47%

Run 1: Report of Sprout — Data Link

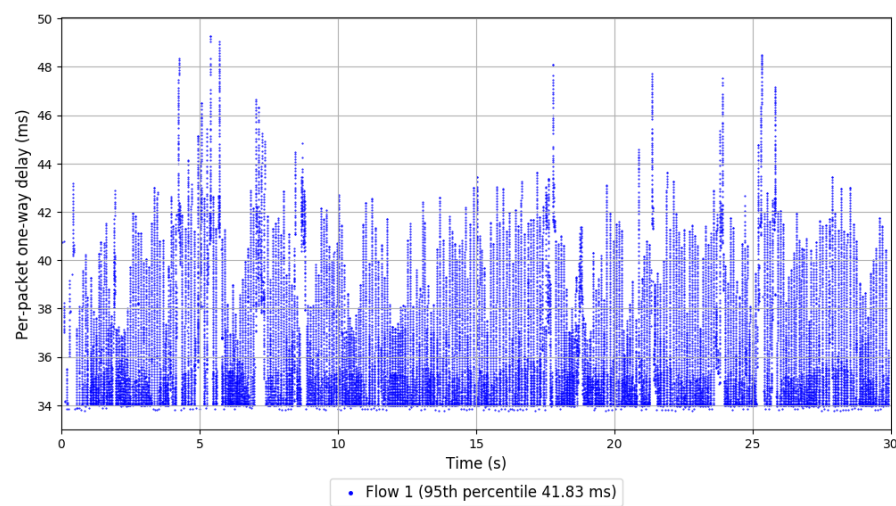
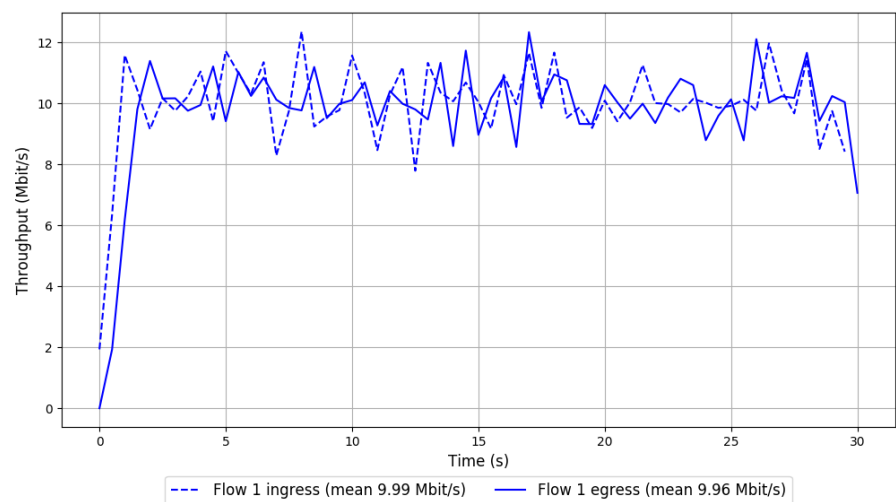


Run 2: Statistics of Sprout

Start at: 2018-07-10 12:45:19  
End at: 2018-07-10 12:45:49  
Local clock offset: -0.055 ms  
Remote clock offset: 0.404 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 9.96 Mbit/s  
95th percentile per-packet one-way delay: 41.827 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 9.96 Mbit/s  
95th percentile per-packet one-way delay: 41.827 ms  
Loss rate: 0.55%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-07-10 13:09:33

End at: 2018-07-10 13:10:03

Local clock offset: -0.046 ms

Remote clock offset: 0.495 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.66 Mbit/s

95th percentile per-packet one-way delay: 43.913 ms

Loss rate: 0.80%

-- Flow 1:

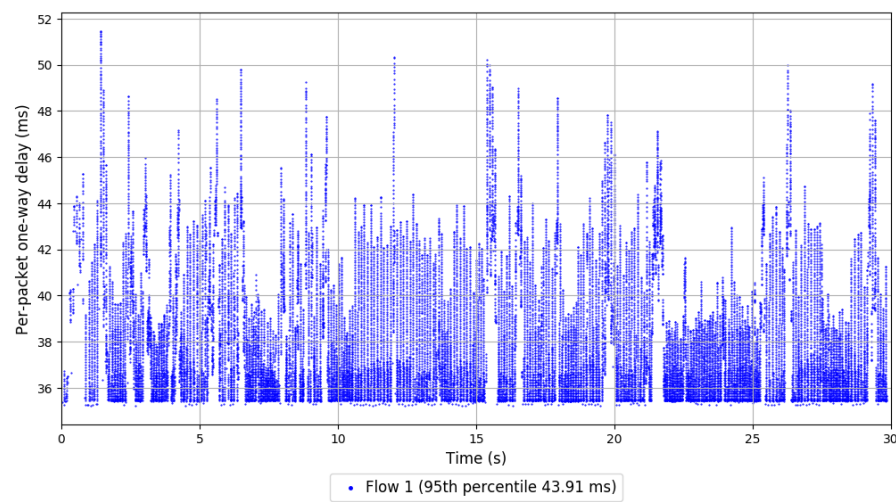
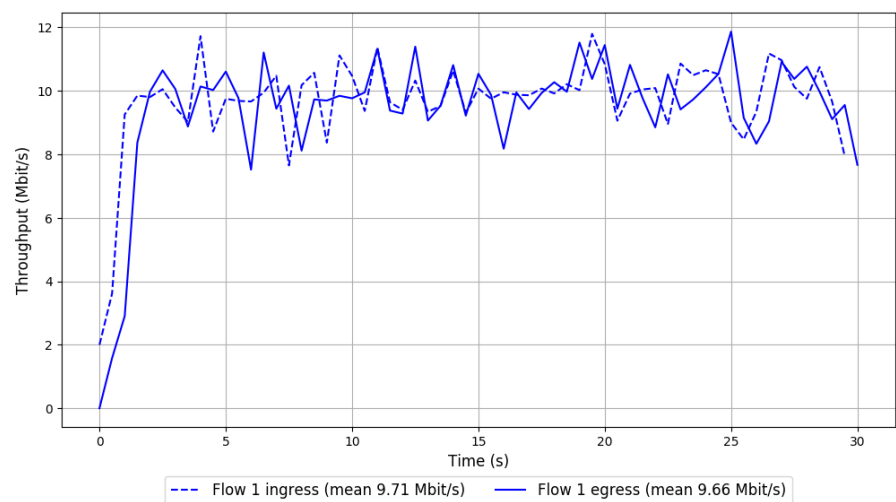
Average throughput: 9.66 Mbit/s

95th percentile per-packet one-way delay: 43.913 ms

Loss rate: 0.80%



Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-07-10 13:33:57

End at: 2018-07-10 13:34:27

Local clock offset: -0.048 ms

Remote clock offset: 0.518 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.58 Mbit/s

95th percentile per-packet one-way delay: 45.110 ms

Loss rate: 1.00%

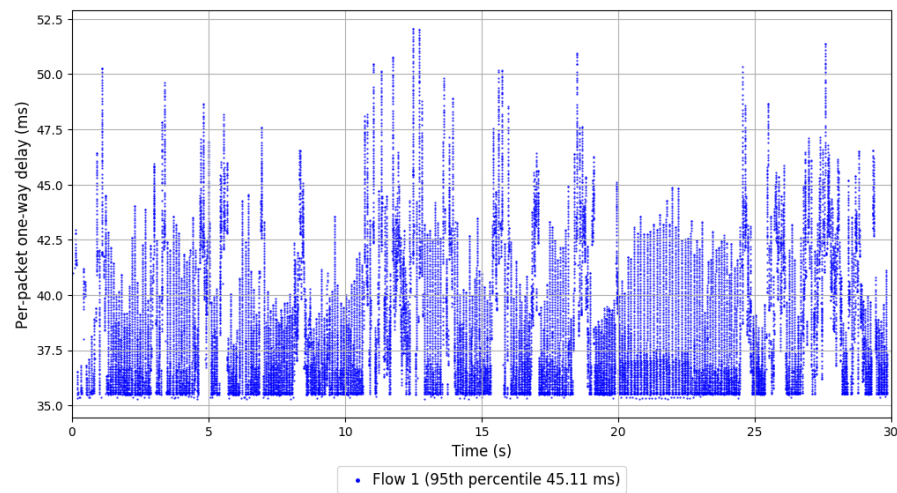
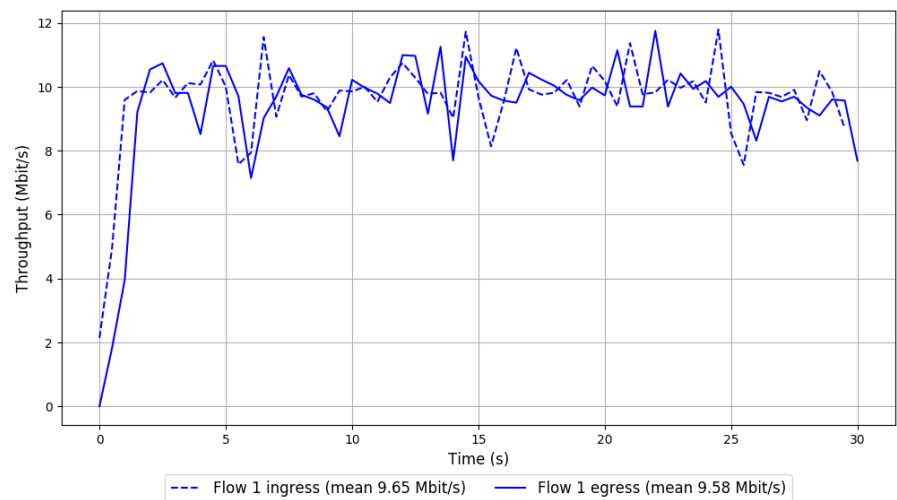
-- Flow 1:

Average throughput: 9.58 Mbit/s

95th percentile per-packet one-way delay: 45.110 ms

Loss rate: 1.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-07-10 13:57:39

End at: 2018-07-10 13:58:09

Local clock offset: -0.49 ms

Remote clock offset: 4.129 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.75 Mbit/s

95th percentile per-packet one-way delay: 44.214 ms

Loss rate: 1.05%

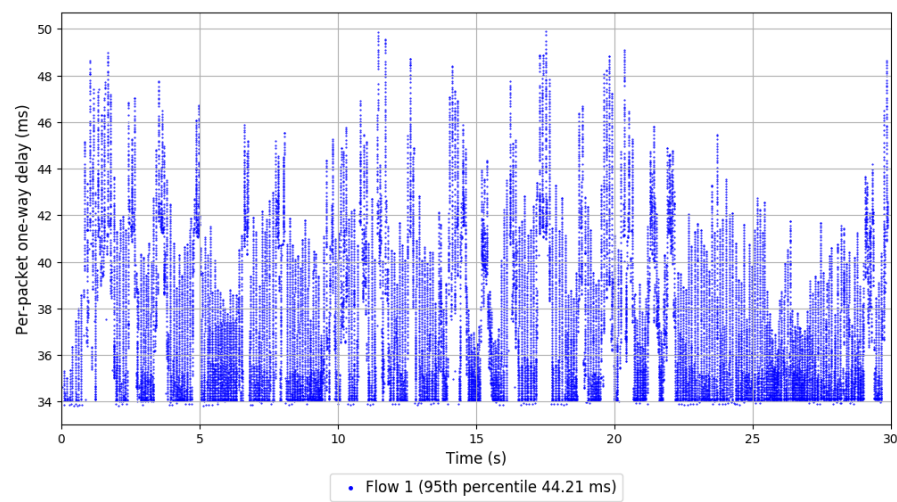
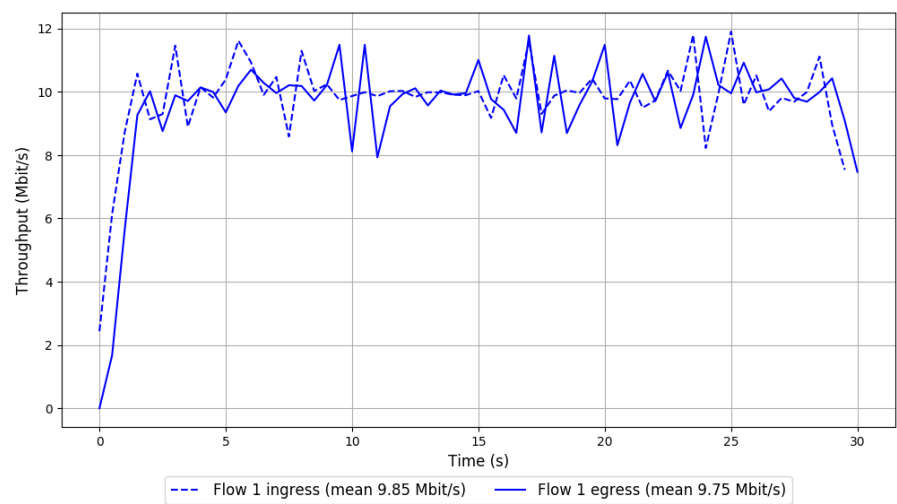
-- Flow 1:

Average throughput: 9.75 Mbit/s

95th percentile per-packet one-way delay: 44.214 ms

Loss rate: 1.05%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-07-10 14:23:58

End at: 2018-07-10 14:24:28

Local clock offset: -0.555 ms

Remote clock offset: 6.075 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 9.40 Mbit/s

95th percentile per-packet one-way delay: 45.061 ms

Loss rate: 2.11%

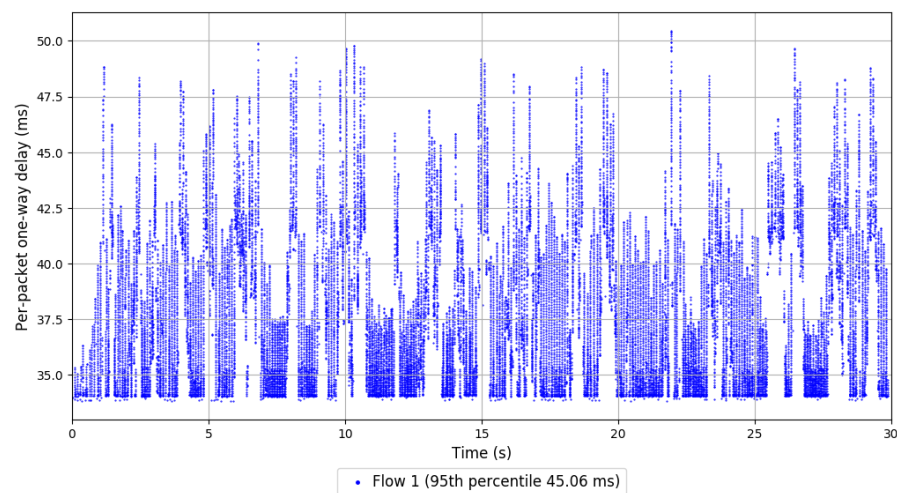
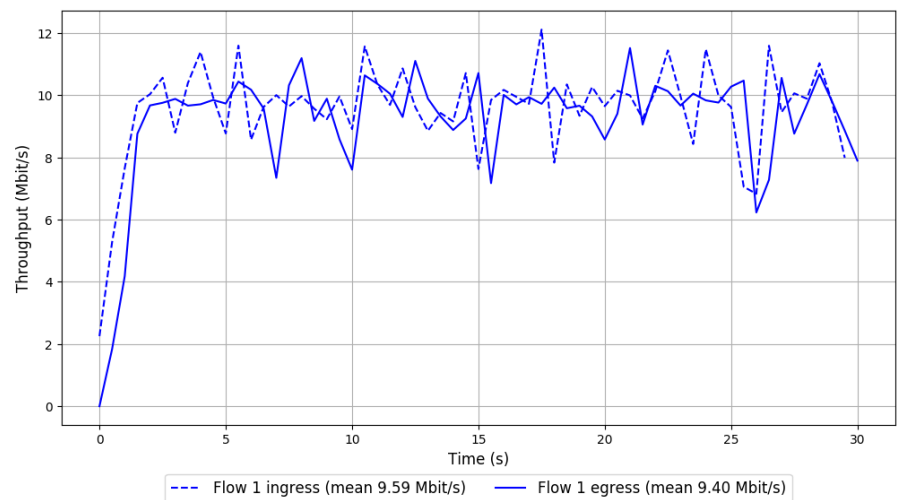
-- Flow 1:

Average throughput: 9.40 Mbit/s

95th percentile per-packet one-way delay: 45.061 ms

Loss rate: 2.11%

Run 6: Report of Sprout — Data Link



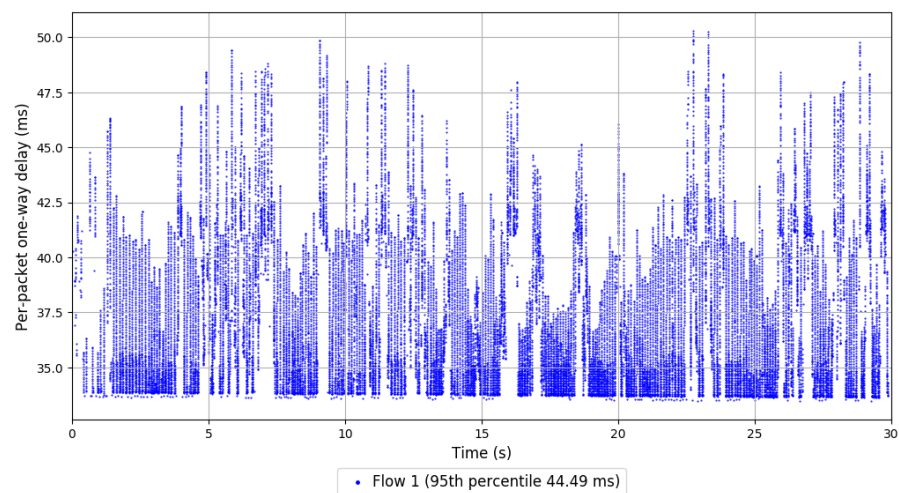
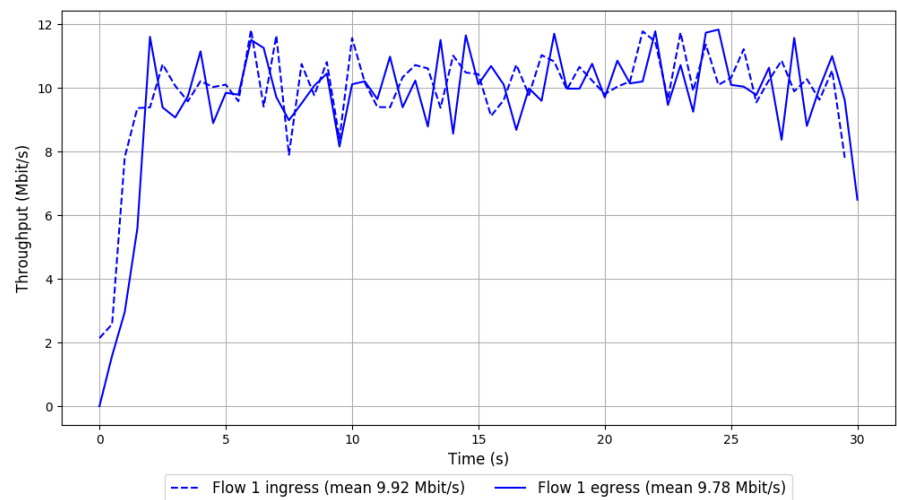
Run 7: Statistics of Sprout

Start at: 2018-07-10 14:49:29  
End at: 2018-07-10 14:49:59  
Local clock offset: -0.565 ms  
Remote clock offset: 2.865 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 9.78 Mbit/s  
95th percentile per-packet one-way delay: 44.490 ms  
Loss rate: 1.67%  
-- Flow 1:  
Average throughput: 9.78 Mbit/s  
95th percentile per-packet one-way delay: 44.490 ms  
Loss rate: 1.67%



Run 7: Report of Sprout — Data Link

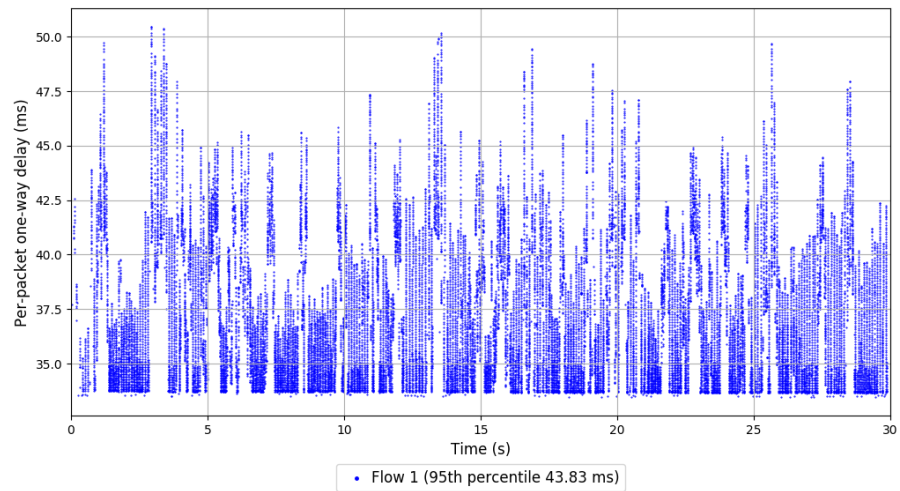
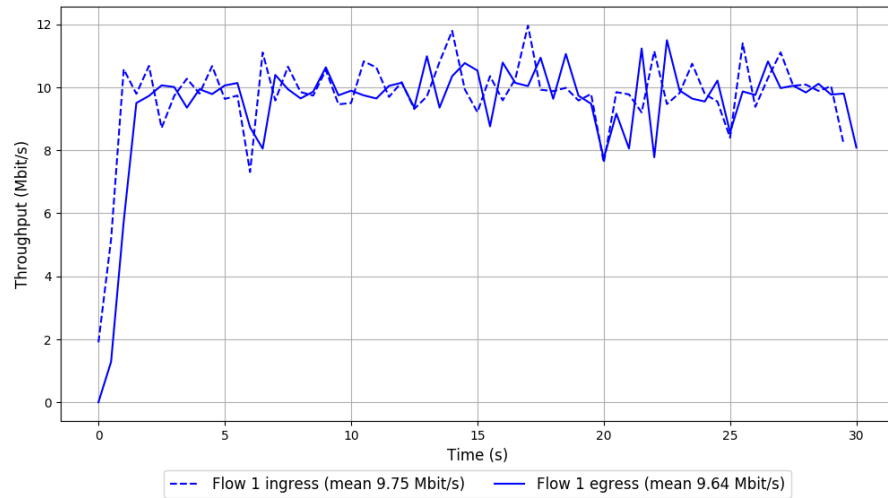


Run 8: Statistics of Sprout

Start at: 2018-07-10 15:15:47  
End at: 2018-07-10 15:16:17  
Local clock offset: -0.477 ms  
Remote clock offset: -2.687 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 9.64 Mbit/s  
95th percentile per-packet one-way delay: 43.826 ms  
Loss rate: 1.40%  
-- Flow 1:  
Average throughput: 9.64 Mbit/s  
95th percentile per-packet one-way delay: 43.826 ms  
Loss rate: 1.40%

## Run 8: Report of Sprout — Data Link

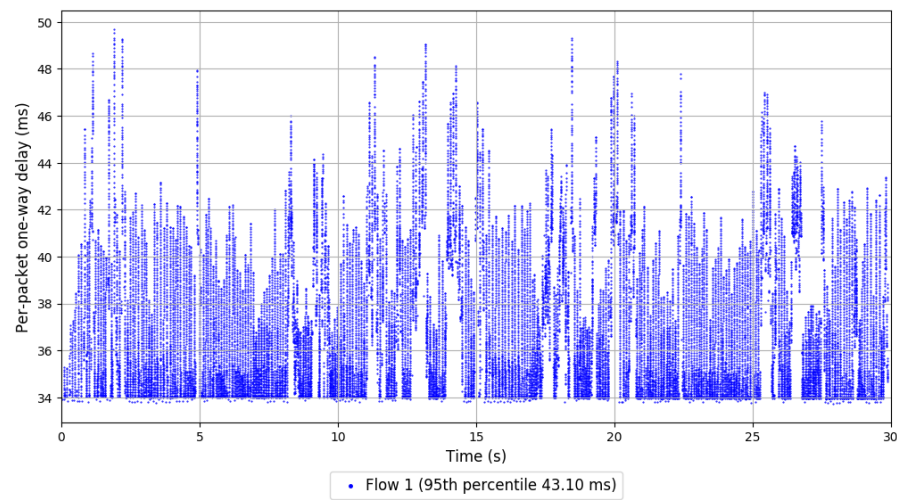
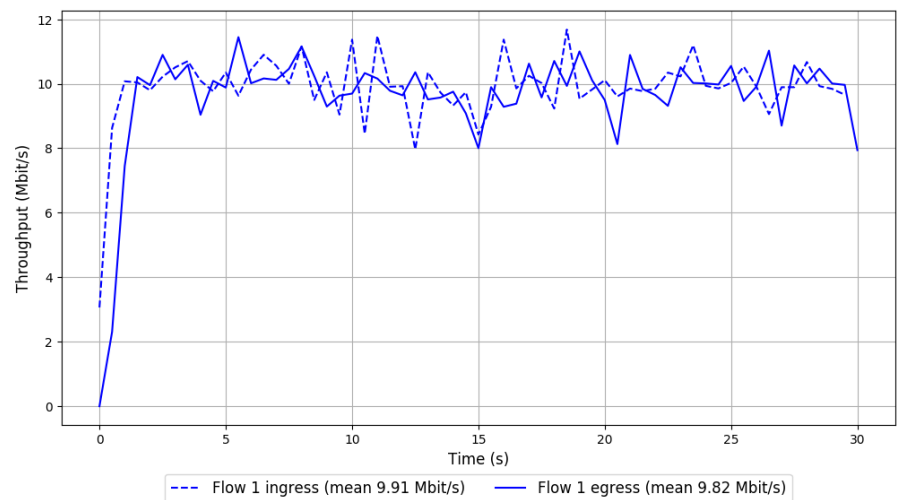


Run 9: Statistics of Sprout

Start at: 2018-07-10 15:41:47  
End at: 2018-07-10 15:42:17  
Local clock offset: -0.133 ms  
Remote clock offset: -5.916 ms

# Below is generated by plot.py at 2018-07-10 16:37:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 9.82 Mbit/s  
95th percentile per-packet one-way delay: 43.099 ms  
Loss rate: 1.14%  
-- Flow 1:  
Average throughput: 9.82 Mbit/s  
95th percentile per-packet one-way delay: 43.099 ms  
Loss rate: 1.14%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-07-10 16:05:30

End at: 2018-07-10 16:06:00

Local clock offset: 0.245 ms

Remote clock offset: 1.95 ms

# Below is generated by plot.py at 2018-07-10 16:37:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.05 Mbit/s

95th percentile per-packet one-way delay: 41.650 ms

Loss rate: 0.38%

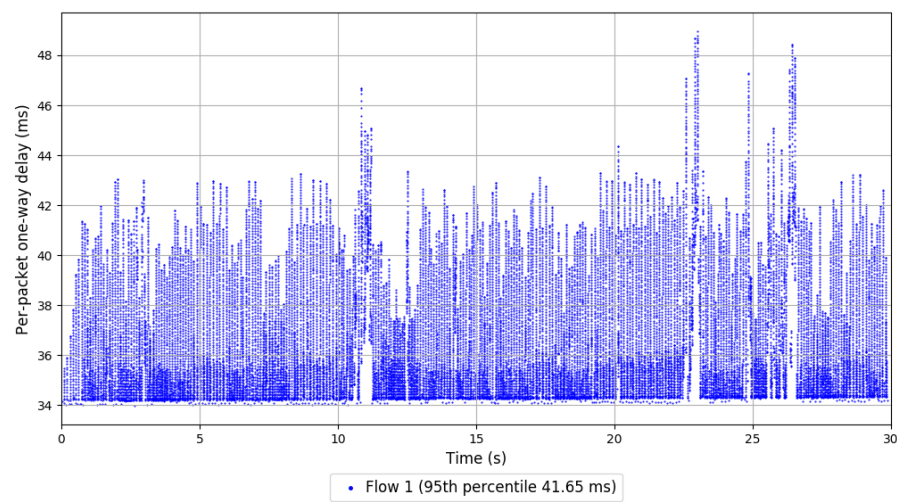
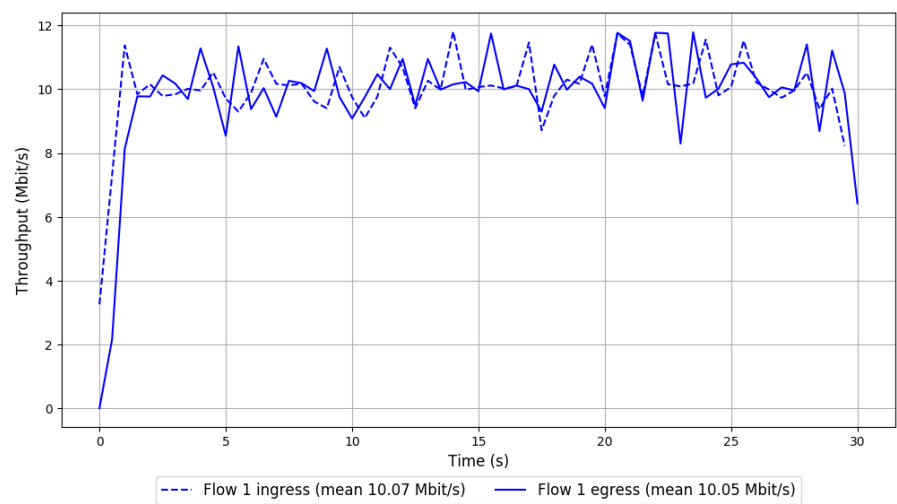
-- Flow 1:

Average throughput: 10.05 Mbit/s

95th percentile per-packet one-way delay: 41.650 ms

Loss rate: 0.38%

Run 10: Report of Sprout — Data Link



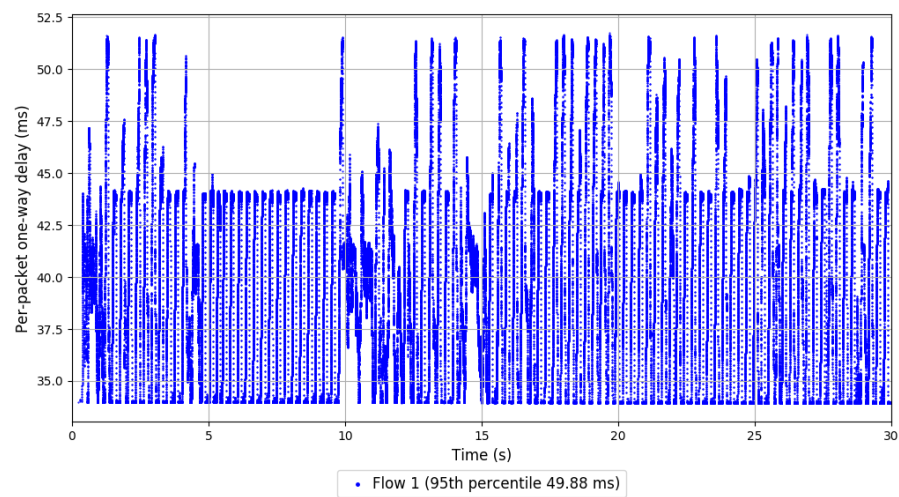
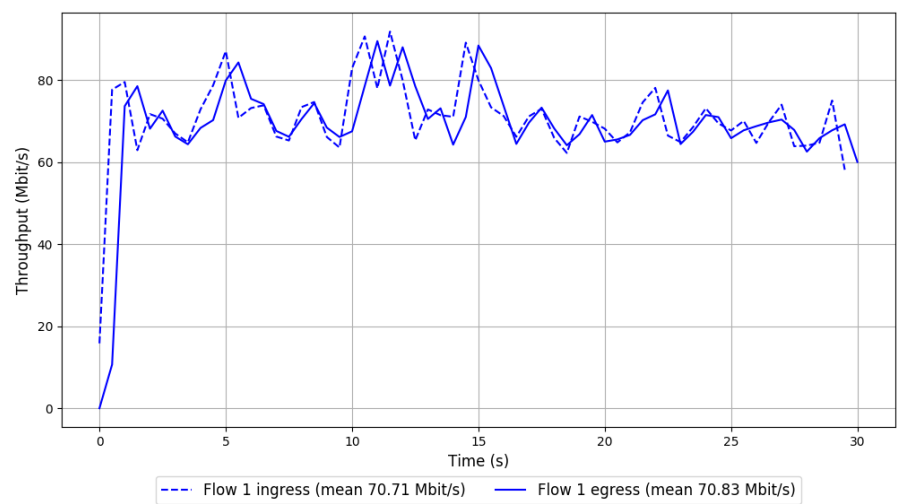
```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 12:37:02
End at: 2018-07-10 12:37:32
Local clock offset: -0.09 ms
Remote clock offset: 0.86 ms

# Below is generated by plot.py at 2018-07-10 16:38:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 49.881 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 49.881 ms
Loss rate: 0.74%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 13:00:51

End at: 2018-07-10 13:01:21

Local clock offset: -0.152 ms

Remote clock offset: 0.195 ms

# Below is generated by plot.py at 2018-07-10 16:38:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.22 Mbit/s

95th percentile per-packet one-way delay: 48.594 ms

Loss rate: 1.17%

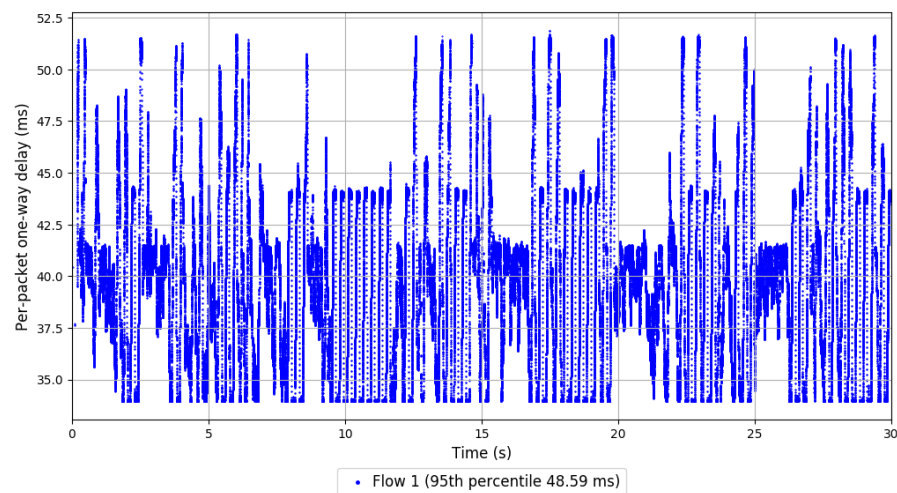
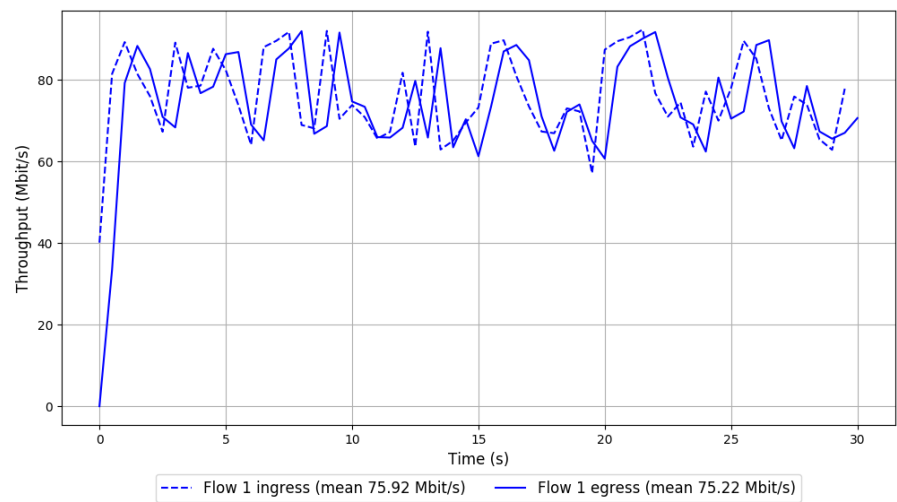
-- Flow 1:

Average throughput: 75.22 Mbit/s

95th percentile per-packet one-way delay: 48.594 ms

Loss rate: 1.17%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 13:25:25

End at: 2018-07-10 13:25:55

Local clock offset: -0.122 ms

Remote clock offset: 0.382 ms

# Below is generated by plot.py at 2018-07-10 16:38:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.48 Mbit/s

95th percentile per-packet one-way delay: 51.320 ms

Loss rate: 1.26%

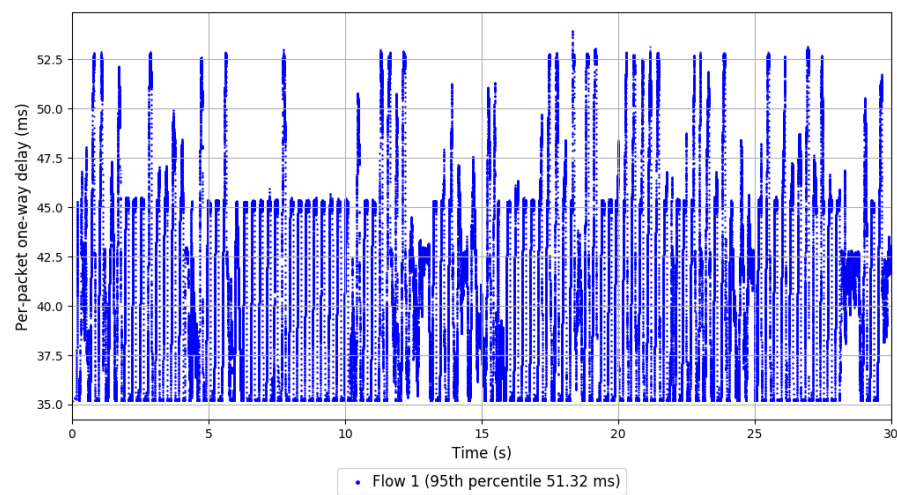
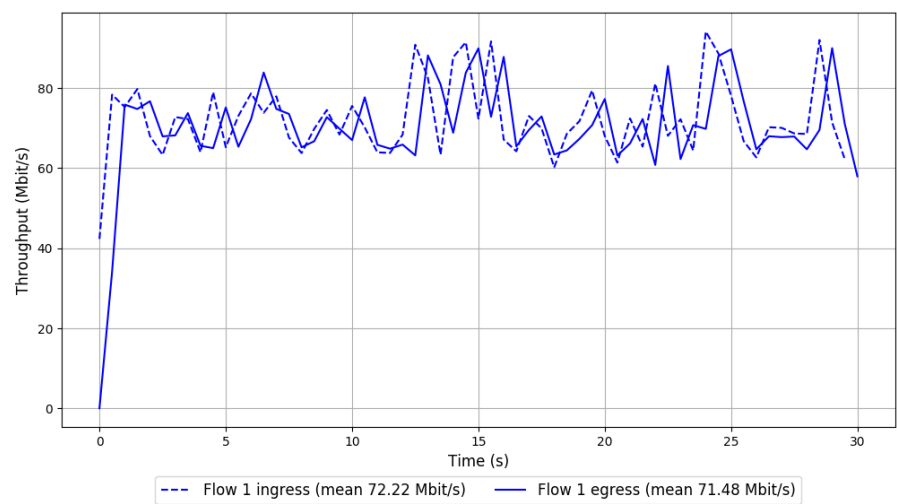
-- Flow 1:

Average throughput: 71.48 Mbit/s

95th percentile per-packet one-way delay: 51.320 ms

Loss rate: 1.26%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 13:49:05

End at: 2018-07-10 13:49:35

Local clock offset: -0.28 ms

Remote clock offset: 3.165 ms

# Below is generated by plot.py at 2018-07-10 16:38:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.01 Mbit/s

95th percentile per-packet one-way delay: 52.139 ms

Loss rate: 1.02%

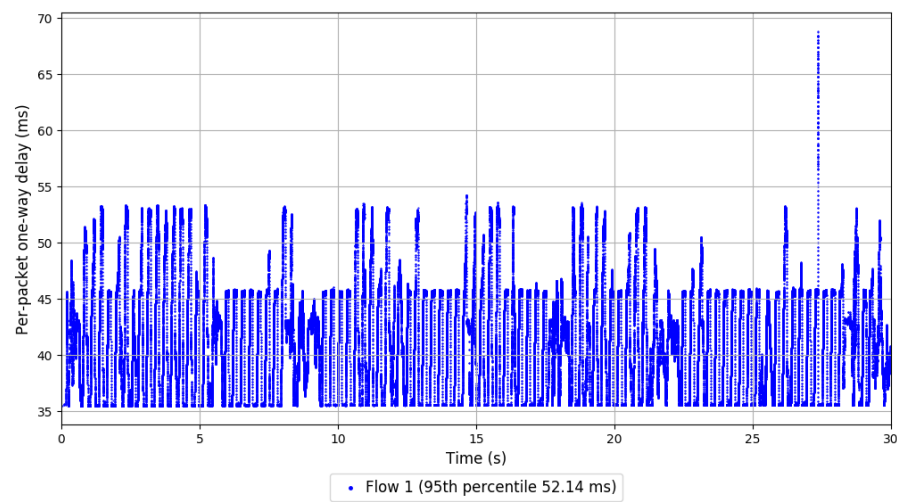
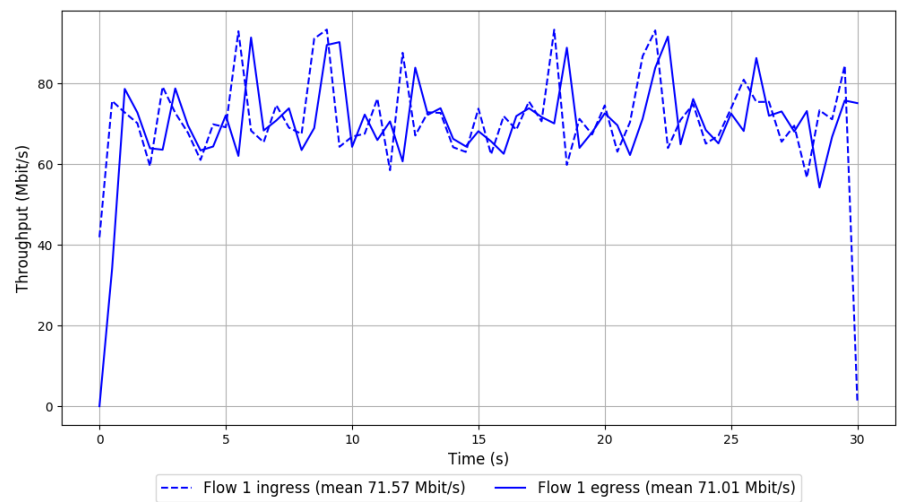
-- Flow 1:

Average throughput: 71.01 Mbit/s

95th percentile per-packet one-way delay: 52.139 ms

Loss rate: 1.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 14:14:31

End at: 2018-07-10 14:15:01

Local clock offset: -0.455 ms

Remote clock offset: 5.525 ms

# Below is generated by plot.py at 2018-07-10 16:38:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.91 Mbit/s

95th percentile per-packet one-way delay: 49.675 ms

Loss rate: 1.46%

-- Flow 1:

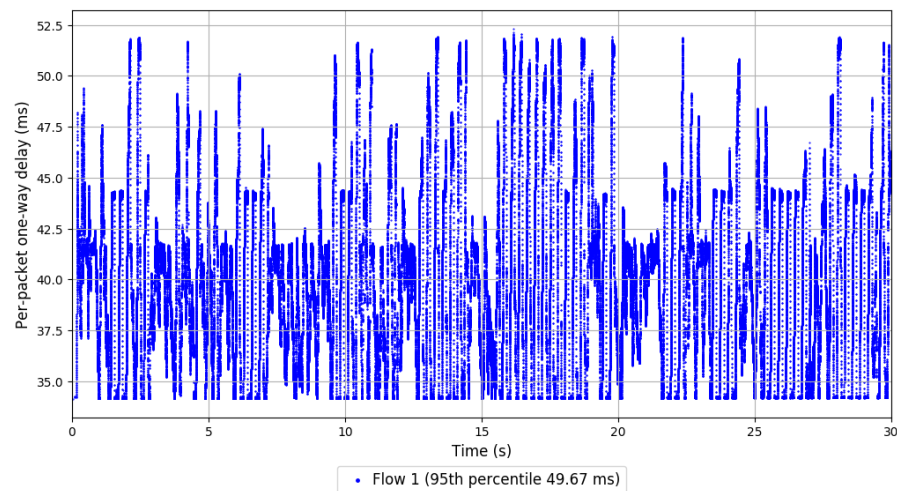
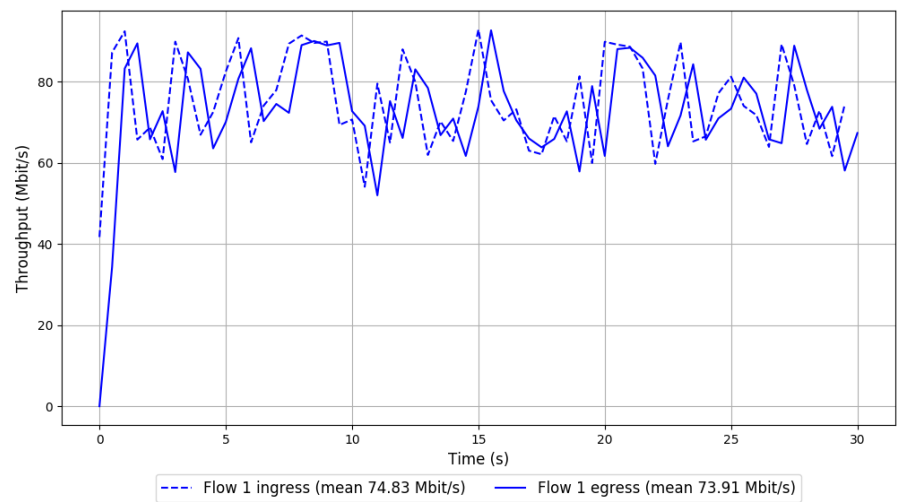
Average throughput: 73.91 Mbit/s

95th percentile per-packet one-way delay: 49.675 ms

Loss rate: 1.46%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 14:40:48

End at: 2018-07-10 14:41:18

Local clock offset: -0.437 ms

Remote clock offset: 6.47 ms

# Below is generated by plot.py at 2018-07-10 16:38:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.44 Mbit/s

95th percentile per-packet one-way delay: 52.453 ms

Loss rate: 1.78%

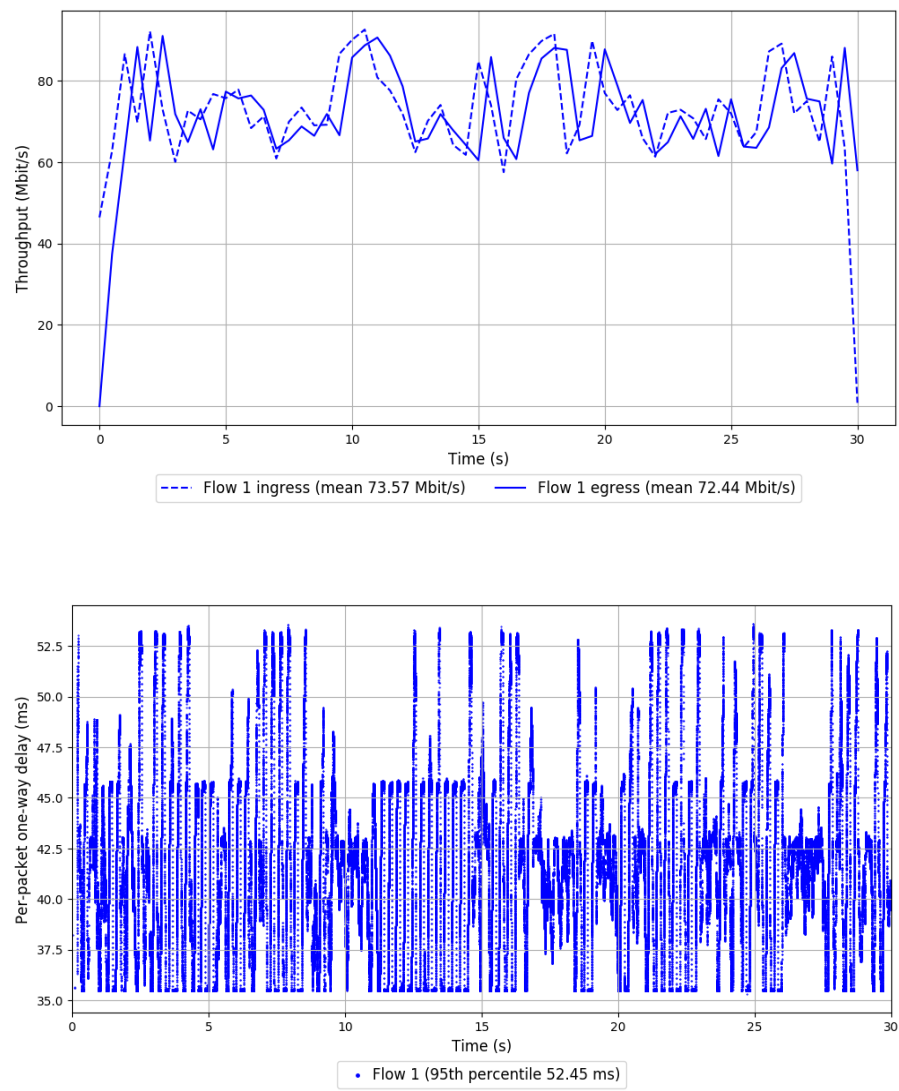
-- Flow 1:

Average throughput: 72.44 Mbit/s

95th percentile per-packet one-way delay: 52.453 ms

Loss rate: 1.78%

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

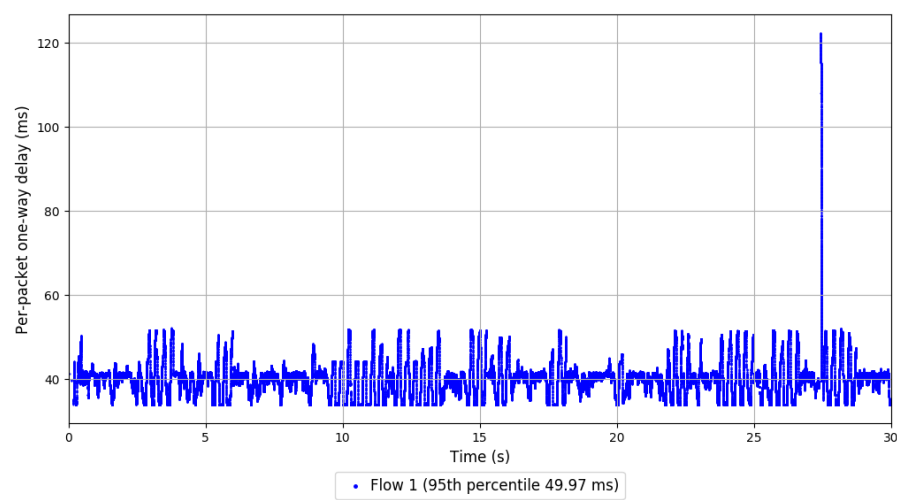
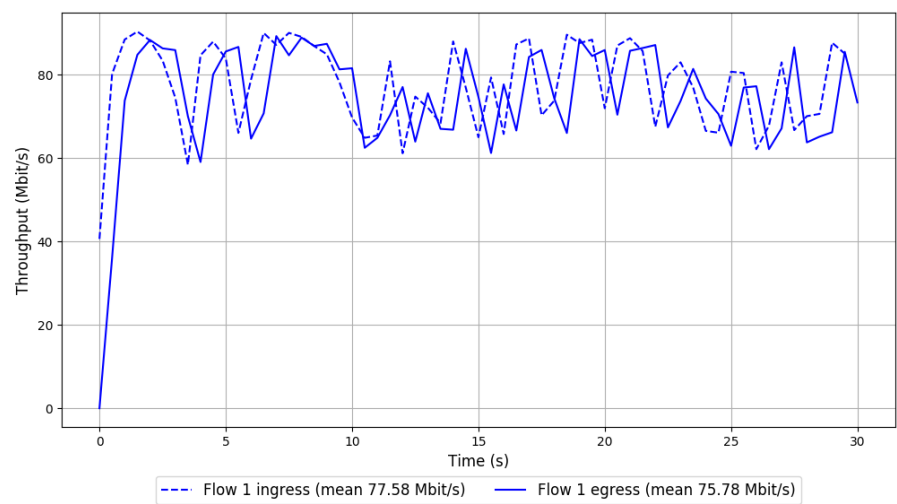


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 15:06:30  
End at: 2018-07-10 15:07:00  
Local clock offset: -0.453 ms  
Remote clock offset: -1.691 ms

# Below is generated by plot.py at 2018-07-10 16:38:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.78 Mbit/s  
95th percentile per-packet one-way delay: 49.969 ms  
Loss rate: 2.57%  
-- Flow 1:  
Average throughput: 75.78 Mbit/s  
95th percentile per-packet one-way delay: 49.969 ms  
Loss rate: 2.57%

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

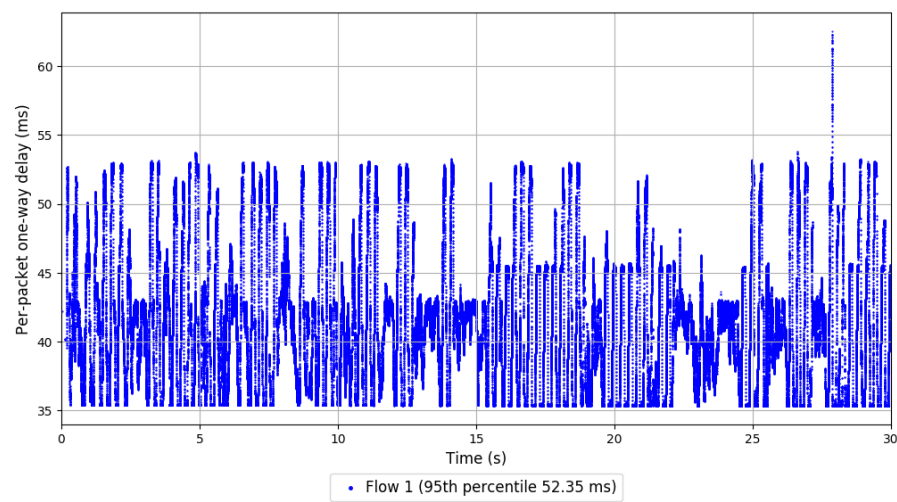
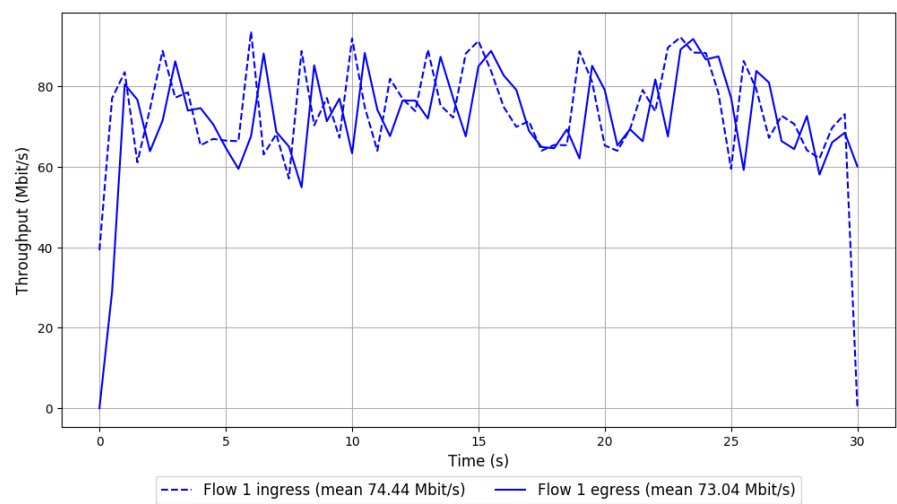


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 15:32:47  
End at: 2018-07-10 15:33:17  
Local clock offset: -0.241 ms  
Remote clock offset: -4.966 ms

# Below is generated by plot.py at 2018-07-10 16:39:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.04 Mbit/s  
95th percentile per-packet one-way delay: 52.353 ms  
Loss rate: 2.15%  
-- Flow 1:  
Average throughput: 73.04 Mbit/s  
95th percentile per-packet one-way delay: 52.353 ms  
Loss rate: 2.15%

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



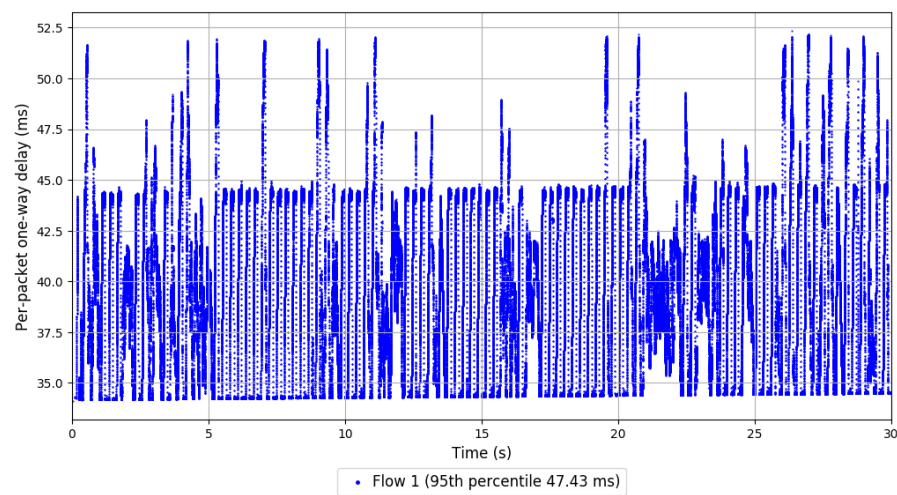
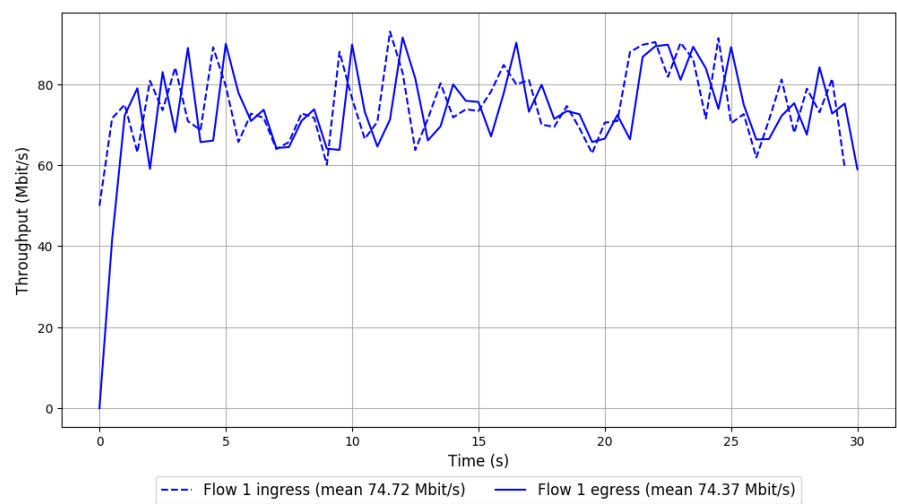
Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 15:57:21  
End at: 2018-07-10 15:57:51  
Local clock offset: 0.047 ms  
Remote clock offset: -2.098 ms

# Below is generated by plot.py at 2018-07-10 16:40:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.37 Mbit/s  
95th percentile per-packet one-way delay: 47.433 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 74.37 Mbit/s  
95th percentile per-packet one-way delay: 47.433 ms  
Loss rate: 0.69%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 16:20:55

End at: 2018-07-10 16:21:25

Local clock offset: 0.171 ms

Remote clock offset: 4.896 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.84 Mbit/s

95th percentile per-packet one-way delay: 47.513 ms

Loss rate: 0.83%

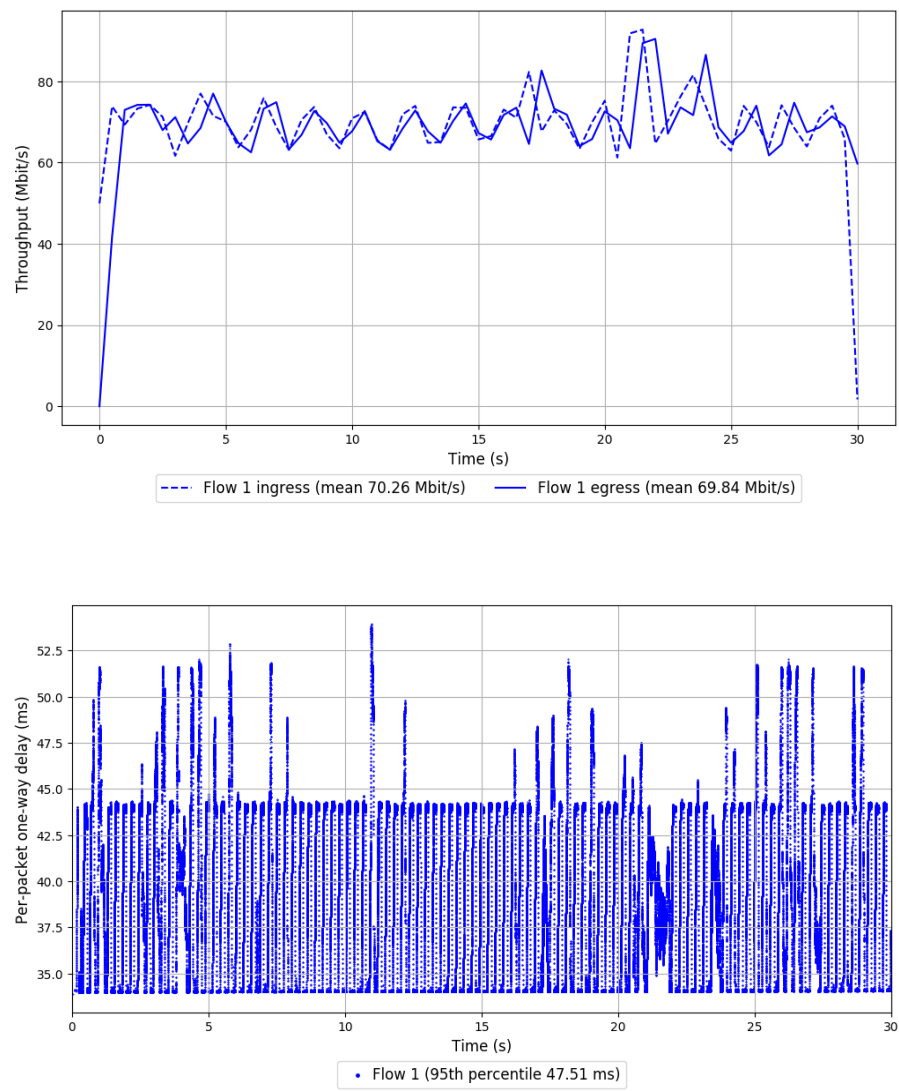
-- Flow 1:

Average throughput: 69.84 Mbit/s

95th percentile per-packet one-way delay: 47.513 ms

Loss rate: 0.83%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 12:27:12

End at: 2018-07-10 12:27:42

Local clock offset: -0.137 ms

Remote clock offset: 2.838 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.47 Mbit/s

95th percentile per-packet one-way delay: 39.491 ms

Loss rate: 0.47%

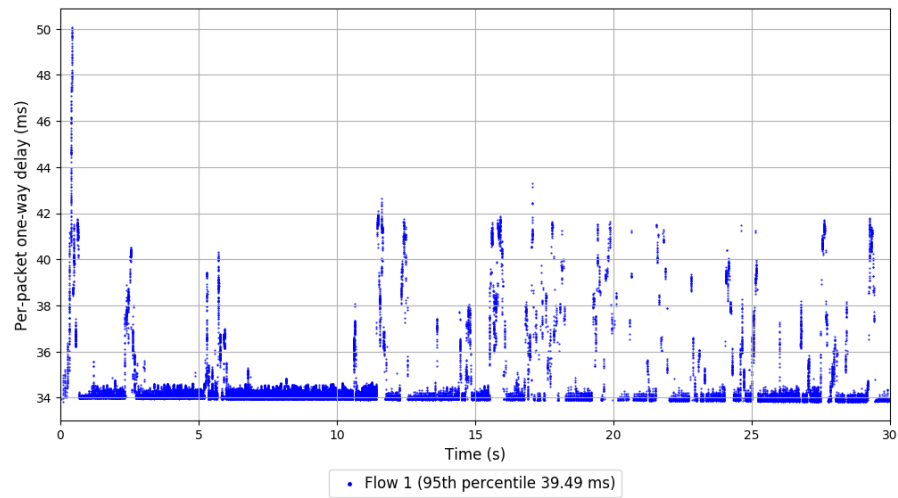
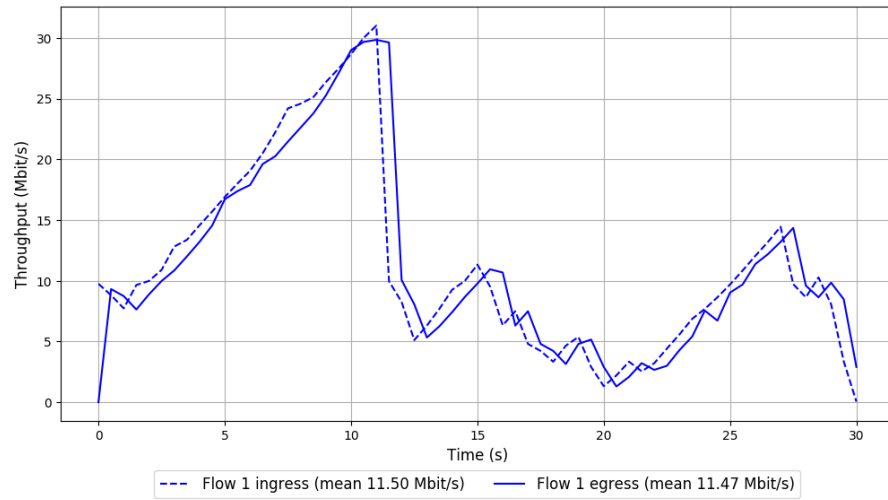
-- Flow 1:

Average throughput: 11.47 Mbit/s

95th percentile per-packet one-way delay: 39.491 ms

Loss rate: 0.47%

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



Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 12:50:41

End at: 2018-07-10 12:51:11

Local clock offset: -0.147 ms

Remote clock offset: 0.187 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 43.061 ms

Loss rate: 0.56%

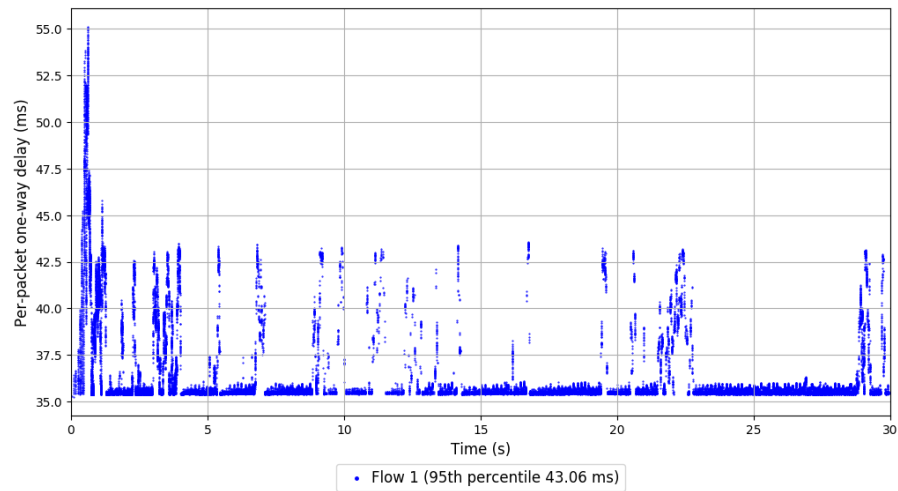
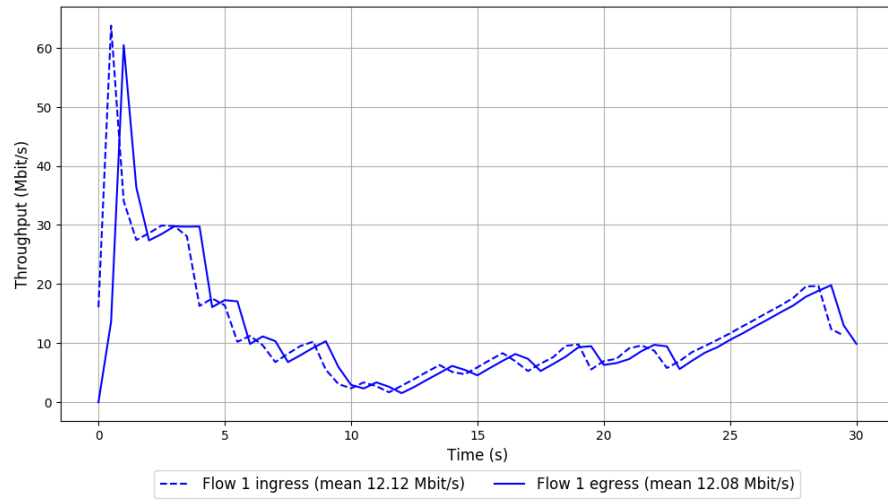
-- Flow 1:

Average throughput: 12.08 Mbit/s

95th percentile per-packet one-way delay: 43.061 ms

Loss rate: 0.56%

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



Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 13:14:57

End at: 2018-07-10 13:15:27

Local clock offset: -0.024 ms

Remote clock offset: 0.477 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 17.27 Mbit/s

95th percentile per-packet one-way delay: 46.223 ms

Loss rate: 0.55%

-- Flow 1:

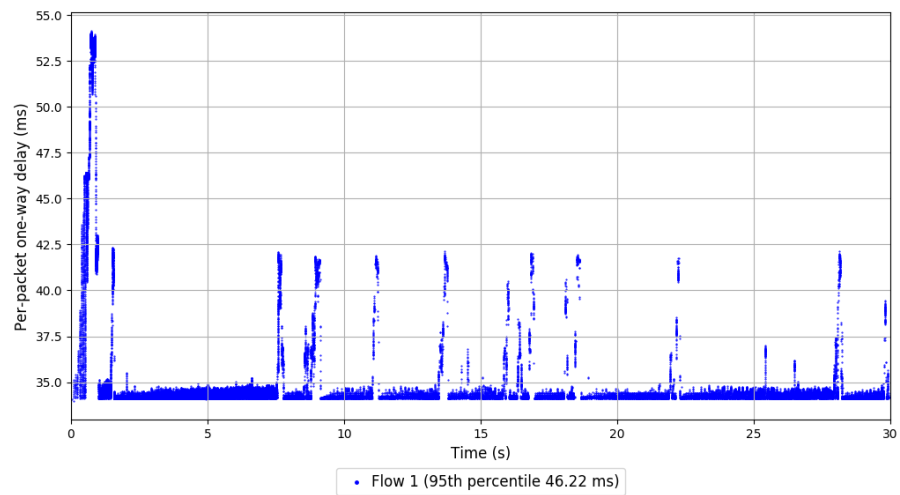
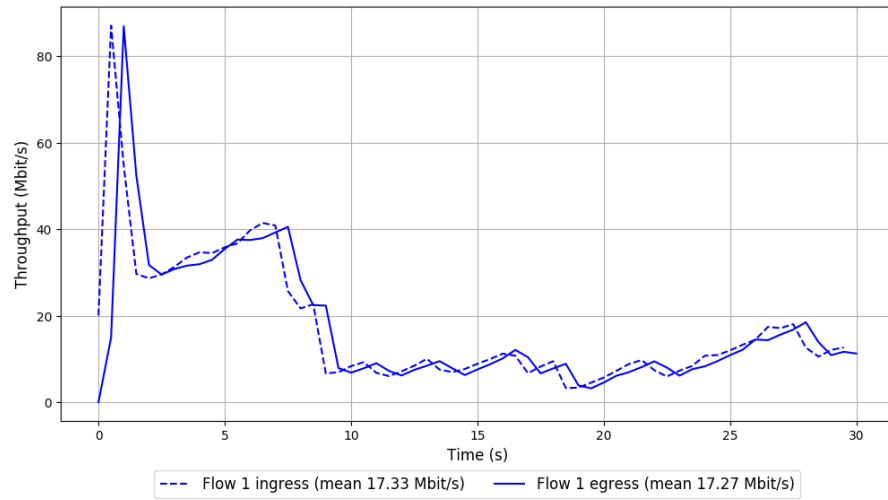
Average throughput: 17.27 Mbit/s

95th percentile per-packet one-way delay: 46.223 ms

Loss rate: 0.55%



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



Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 13:39:15

End at: 2018-07-10 13:39:45

Local clock offset: -0.191 ms

Remote clock offset: 1.588 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 41.767 ms

Loss rate: 1.05%

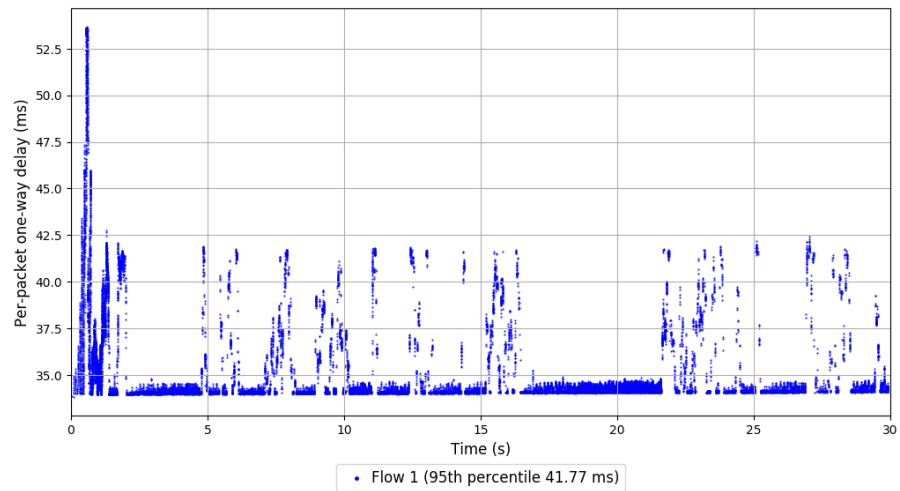
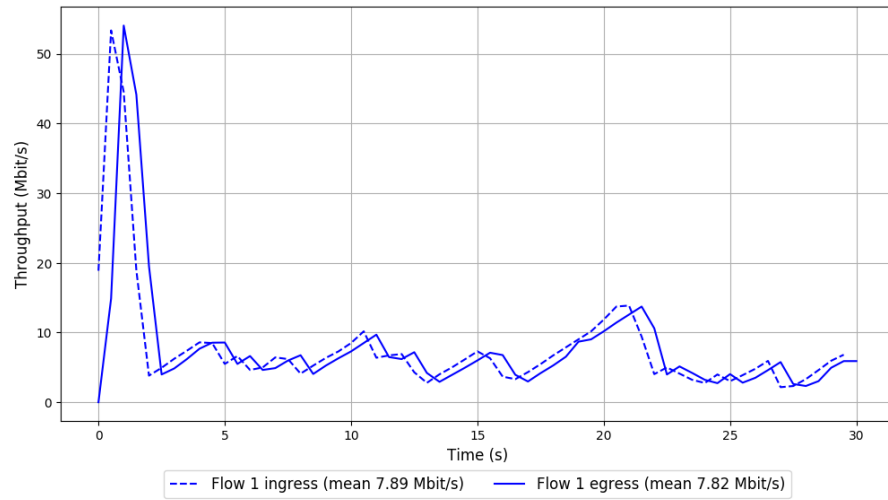
-- Flow 1:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 41.767 ms

Loss rate: 1.05%

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



Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 14:03:25

End at: 2018-07-10 14:03:55

Local clock offset: -0.429 ms

Remote clock offset: 4.643 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 6.44 Mbit/s

95th percentile per-packet one-way delay: 42.056 ms

Loss rate: 1.58%

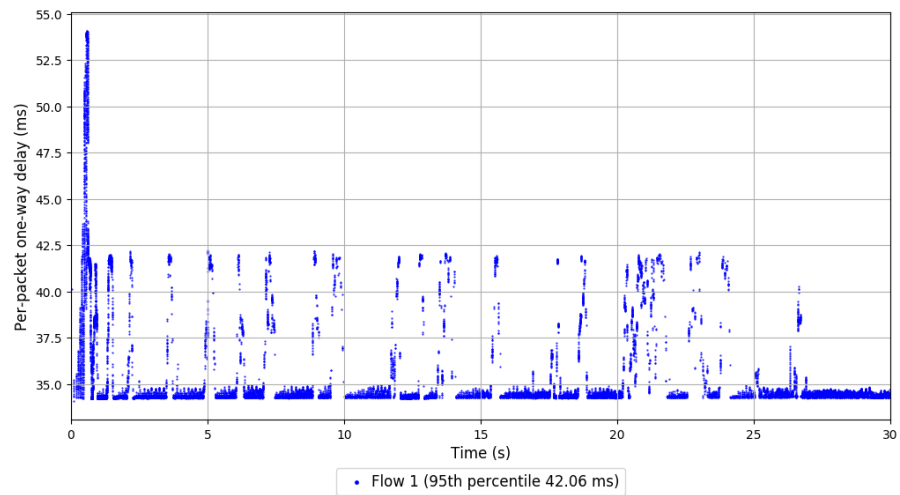
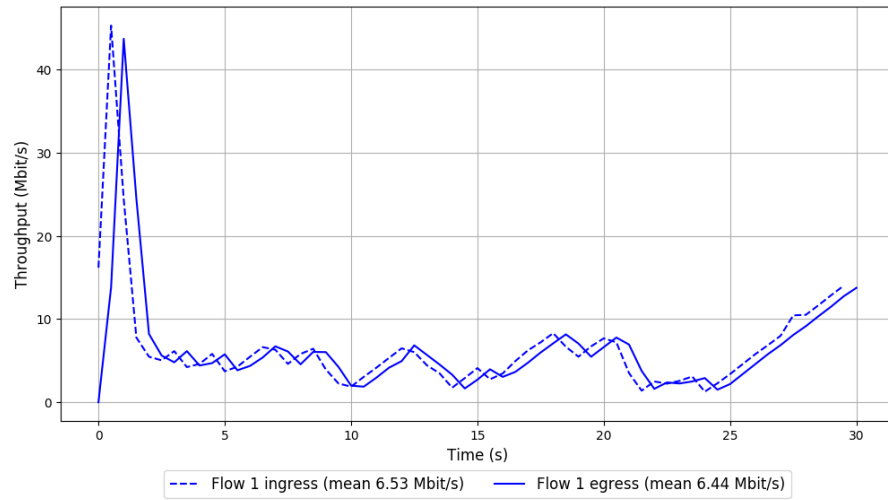
-- Flow 1:

Average throughput: 6.44 Mbit/s

95th percentile per-packet one-way delay: 42.056 ms

Loss rate: 1.58%

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



Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 14:29:24

End at: 2018-07-10 14:29:54

Local clock offset: -0.471 ms

Remote clock offset: 6.341 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.69 Mbit/s

95th percentile per-packet one-way delay: 43.163 ms

Loss rate: 2.48%

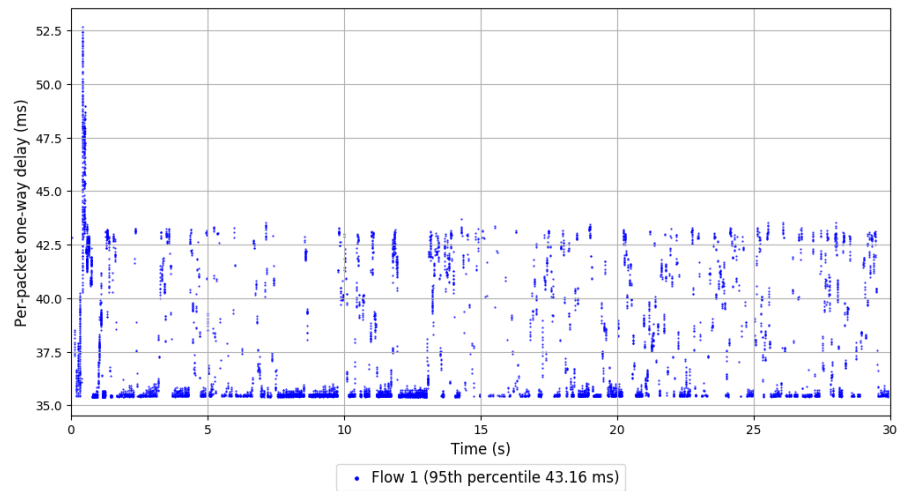
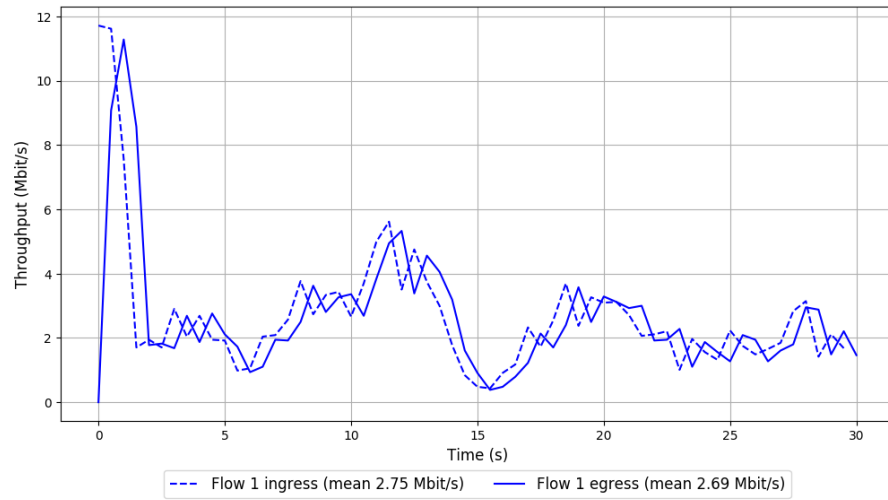
-- Flow 1:

Average throughput: 2.69 Mbit/s

95th percentile per-packet one-way delay: 43.163 ms

Loss rate: 2.48%

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



Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 14:55:04

End at: 2018-07-10 14:55:34

Local clock offset: -0.437 ms

Remote clock offset: 0.804 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.11 Mbit/s

95th percentile per-packet one-way delay: 41.483 ms

Loss rate: 1.31%

-- Flow 1:

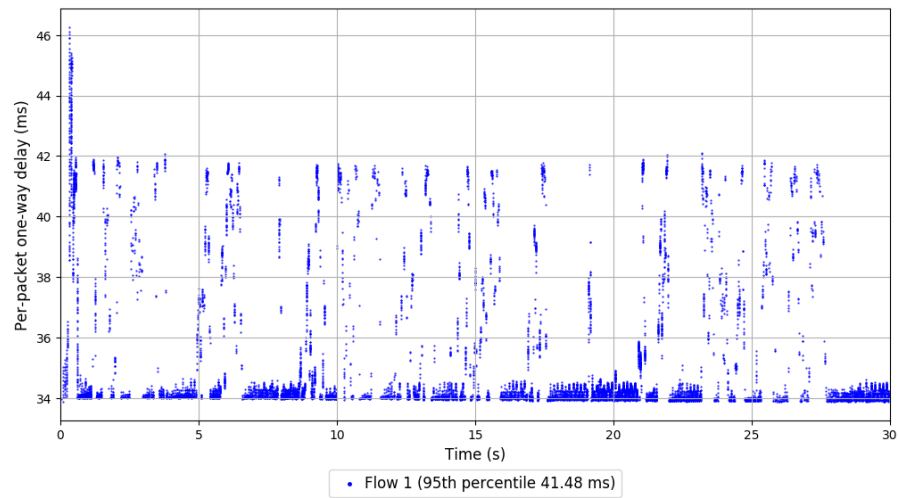
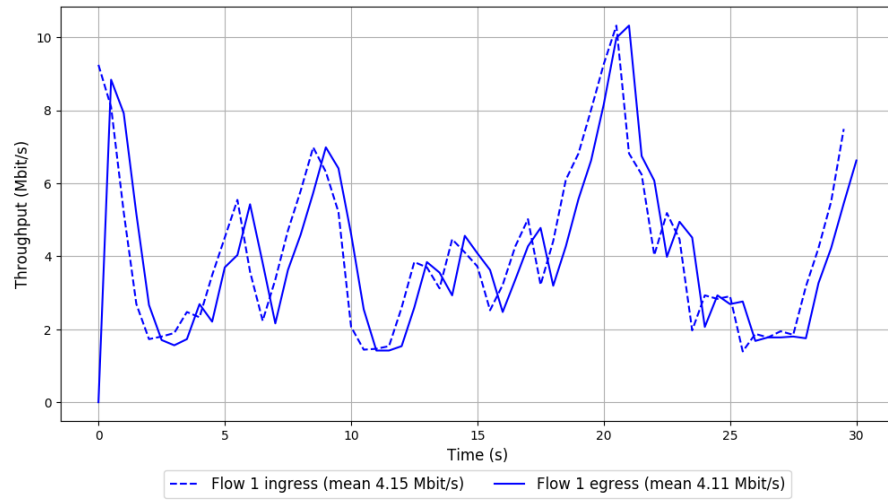
Average throughput: 4.11 Mbit/s

95th percentile per-packet one-way delay: 41.483 ms

Loss rate: 1.31%



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

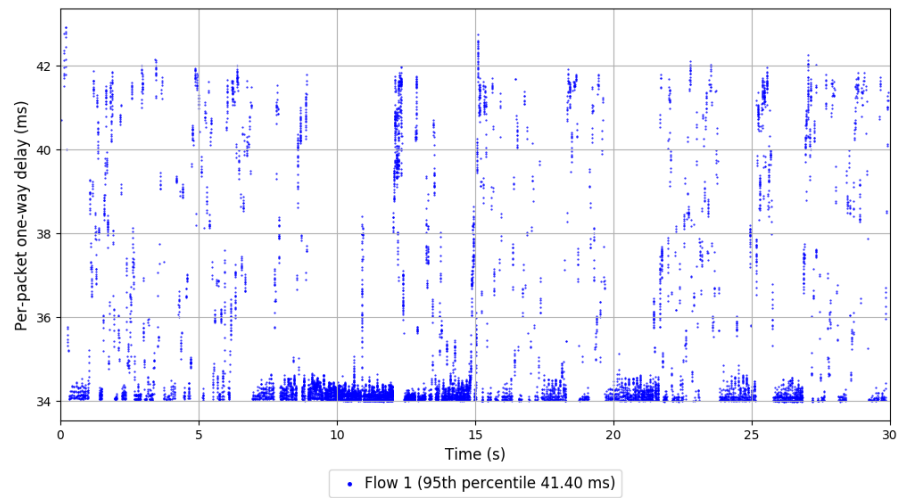
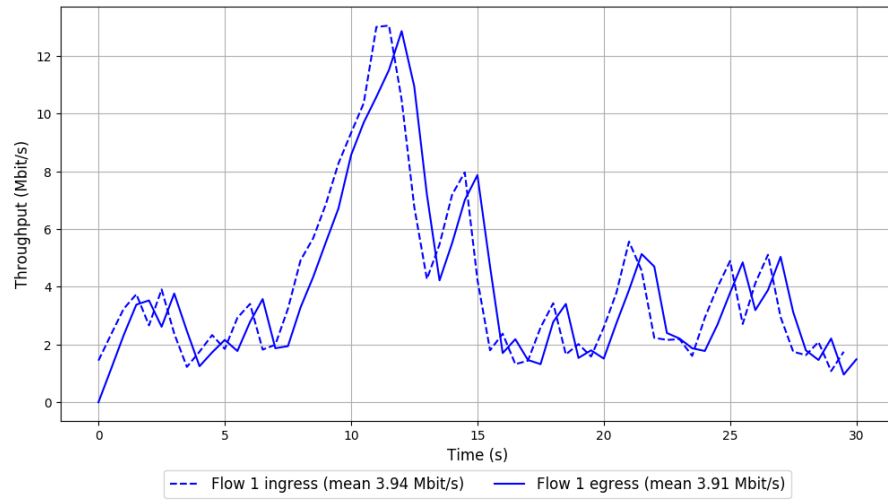


Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 15:21:23  
End at: 2018-07-10 15:21:53  
Local clock offset: -0.339 ms  
Remote clock offset: -3.647 ms

# Below is generated by plot.py at 2018-07-10 16:40:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.91 Mbit/s  
95th percentile per-packet one-way delay: 41.396 ms  
Loss rate: 0.97%  
-- Flow 1:  
Average throughput: 3.91 Mbit/s  
95th percentile per-packet one-way delay: 41.396 ms  
Loss rate: 0.97%

# Run 8: Report of TCP Vegas — Data Link

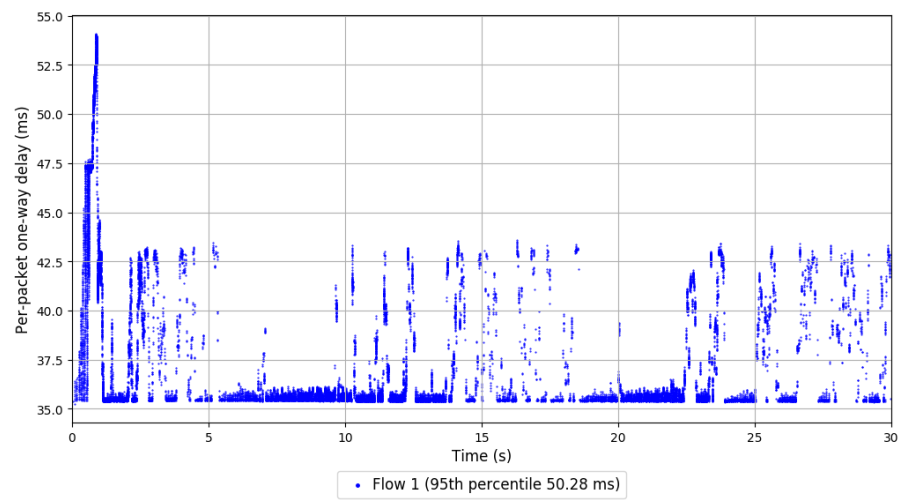
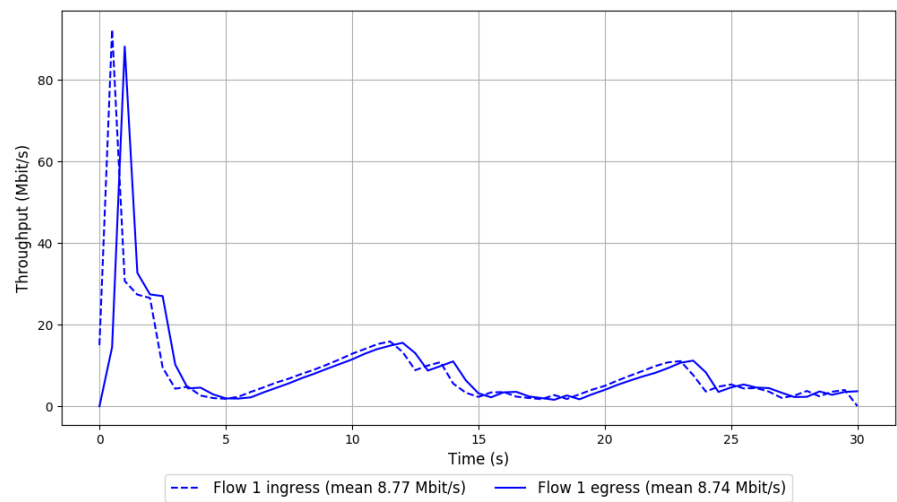


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 15:47:16  
End at: 2018-07-10 15:47:46  
Local clock offset: -0.053 ms  
Remote clock offset: -6.531 ms

# Below is generated by plot.py at 2018-07-10 16:40:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 8.74 Mbit/s  
95th percentile per-packet one-way delay: 50.282 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 8.74 Mbit/s  
95th percentile per-packet one-way delay: 50.282 ms  
Loss rate: 0.57%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 16:10:54

End at: 2018-07-10 16:11:24

Local clock offset: 0.179 ms

Remote clock offset: 3.294 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 28.29 Mbit/s

95th percentile per-packet one-way delay: 41.531 ms

Loss rate: 0.32%

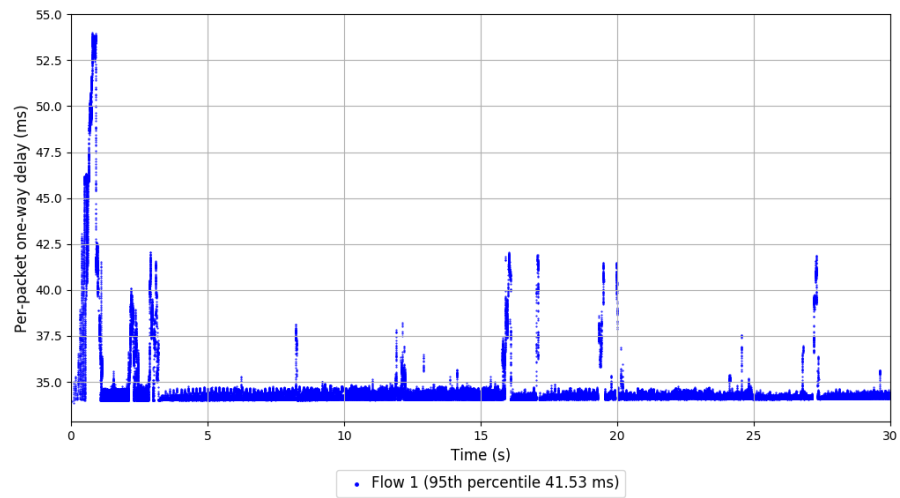
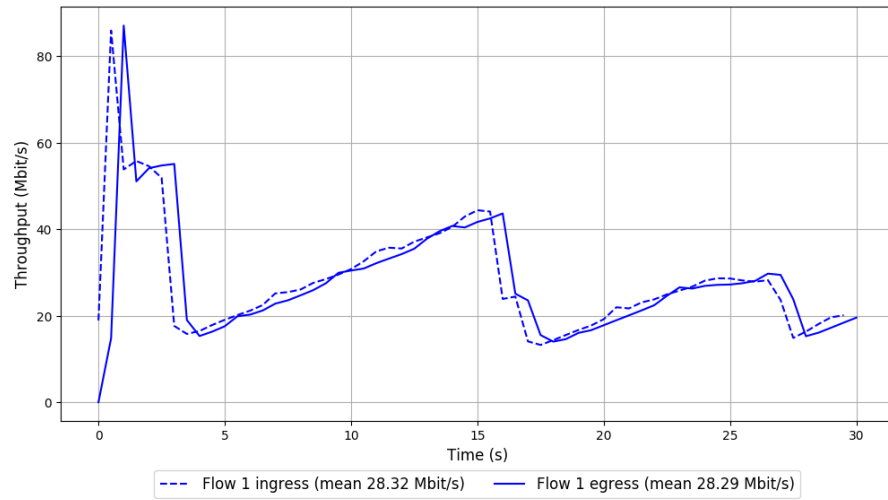
-- Flow 1:

Average throughput: 28.29 Mbit/s

95th percentile per-packet one-way delay: 41.531 ms

Loss rate: 0.32%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-07-10 12:35:33

End at: 2018-07-10 12:36:03

Local clock offset: -0.065 ms

Remote clock offset: 1.029 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.81 Mbit/s

95th percentile per-packet one-way delay: 53.216 ms

Loss rate: 1.06%

-- Flow 1:

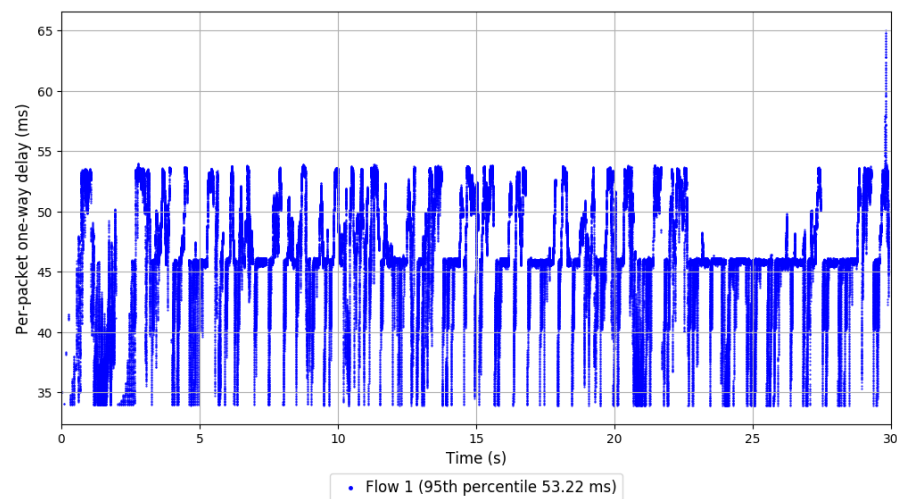
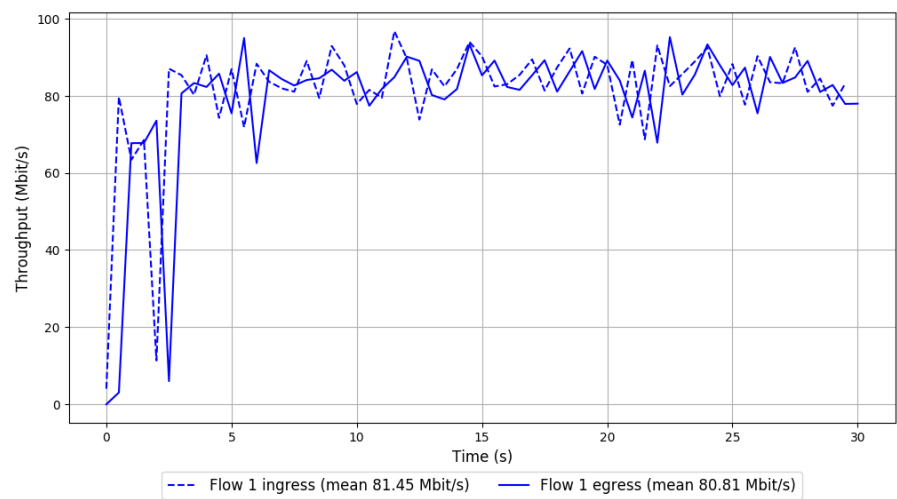
Average throughput: 80.81 Mbit/s

95th percentile per-packet one-way delay: 53.216 ms

Loss rate: 1.06%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-07-10 12:59:21

End at: 2018-07-10 12:59:51

Local clock offset: -0.046 ms

Remote clock offset: 0.252 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.10 Mbit/s

95th percentile per-packet one-way delay: 53.494 ms

Loss rate: 1.27%

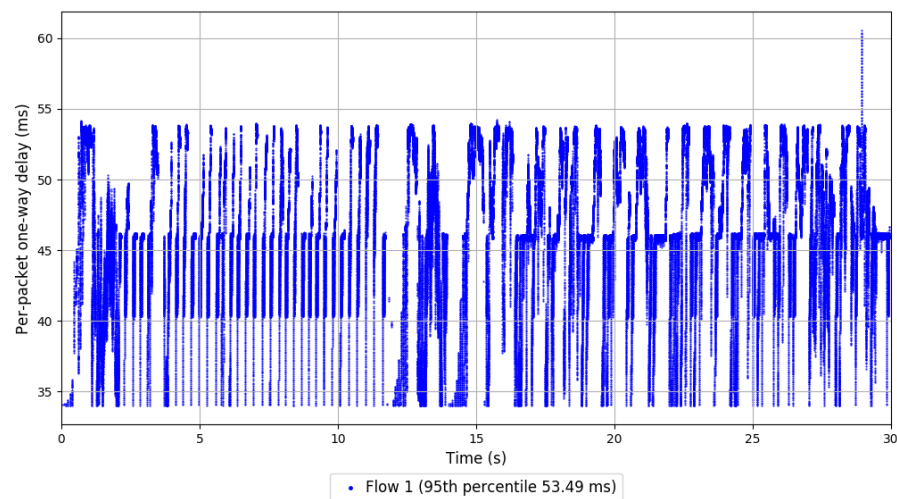
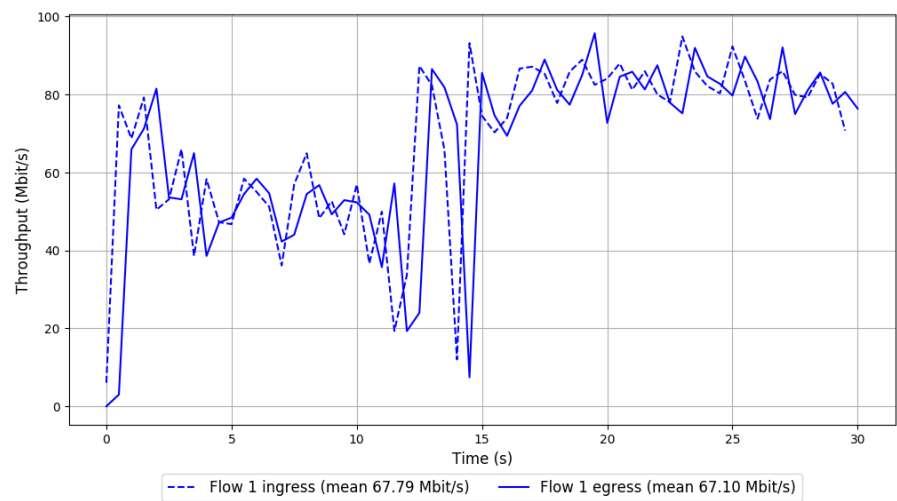
-- Flow 1:

Average throughput: 67.10 Mbit/s

95th percentile per-packet one-way delay: 53.494 ms

Loss rate: 1.27%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-07-10 13:23:44

End at: 2018-07-10 13:24:14

Local clock offset: -0.027 ms

Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.40 Mbit/s

95th percentile per-packet one-way delay: 53.416 ms

Loss rate: 1.52%

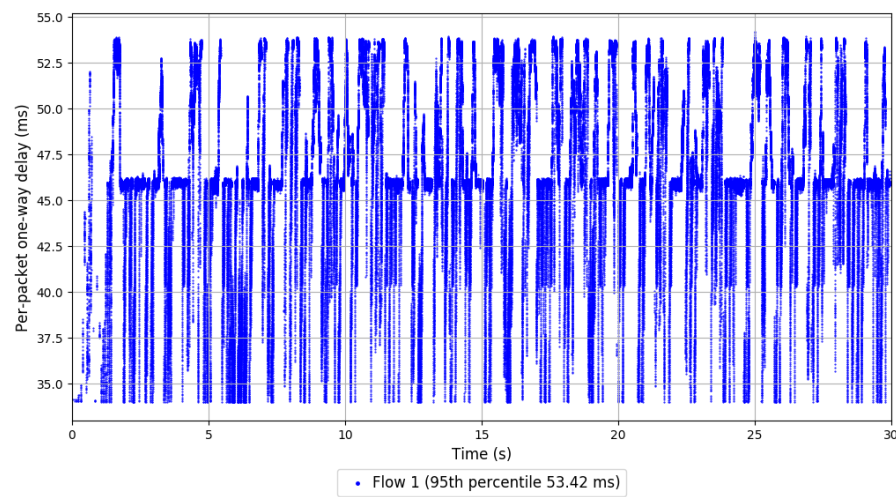
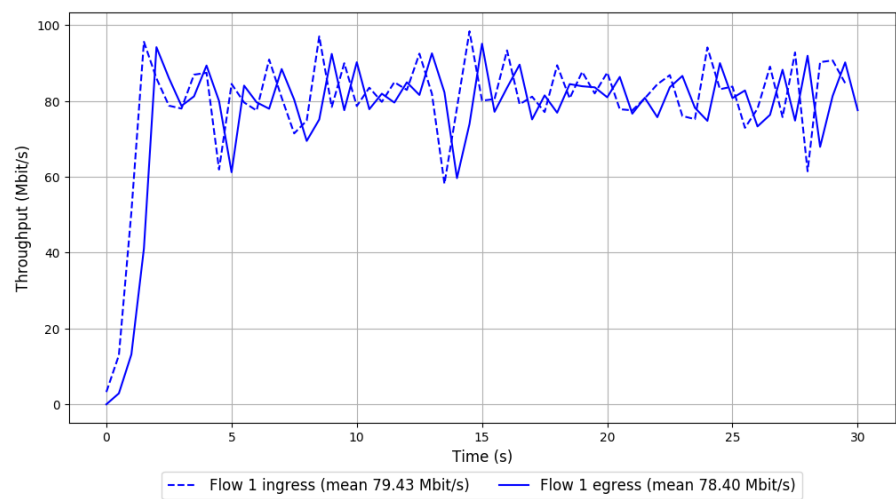
-- Flow 1:

Average throughput: 78.40 Mbit/s

95th percentile per-packet one-way delay: 53.416 ms

Loss rate: 1.52%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-07-10 13:47:41

End at: 2018-07-10 13:48:11

Local clock offset: -0.339 ms

Remote clock offset: 2.926 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.55 Mbit/s

95th percentile per-packet one-way delay: 54.839 ms

Loss rate: 1.47%

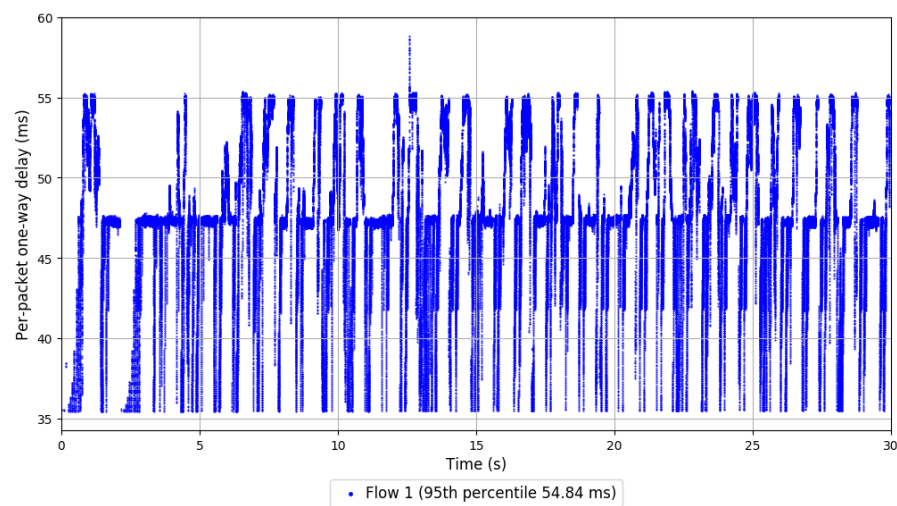
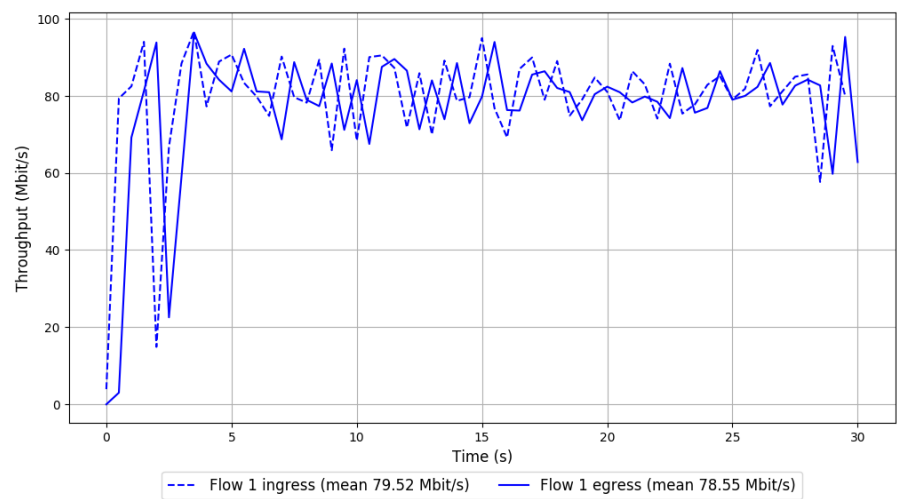
-- Flow 1:

Average throughput: 78.55 Mbit/s

95th percentile per-packet one-way delay: 54.839 ms

Loss rate: 1.47%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-07-10 14:12:54

End at: 2018-07-10 14:13:24

Local clock offset: -0.556 ms

Remote clock offset: 5.393 ms

# Below is generated by plot.py at 2018-07-10 16:40:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.44 Mbit/s

95th percentile per-packet one-way delay: 53.640 ms

Loss rate: 2.26%

-- Flow 1:

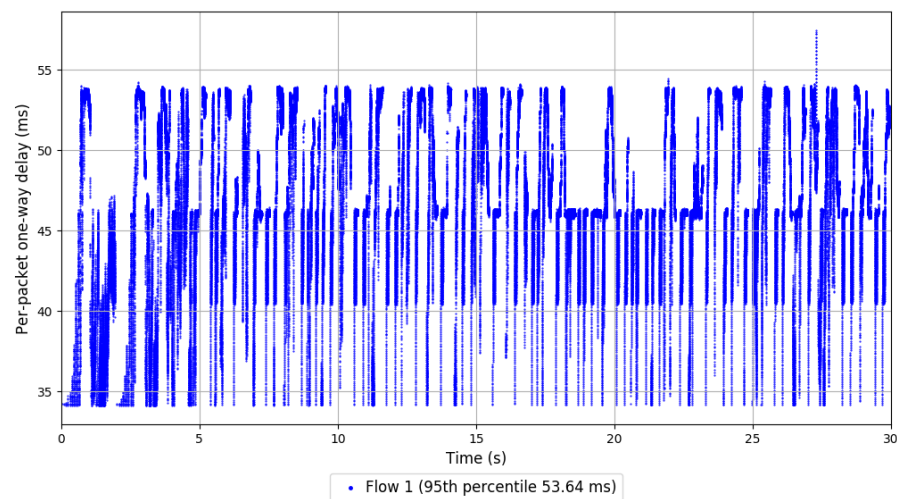
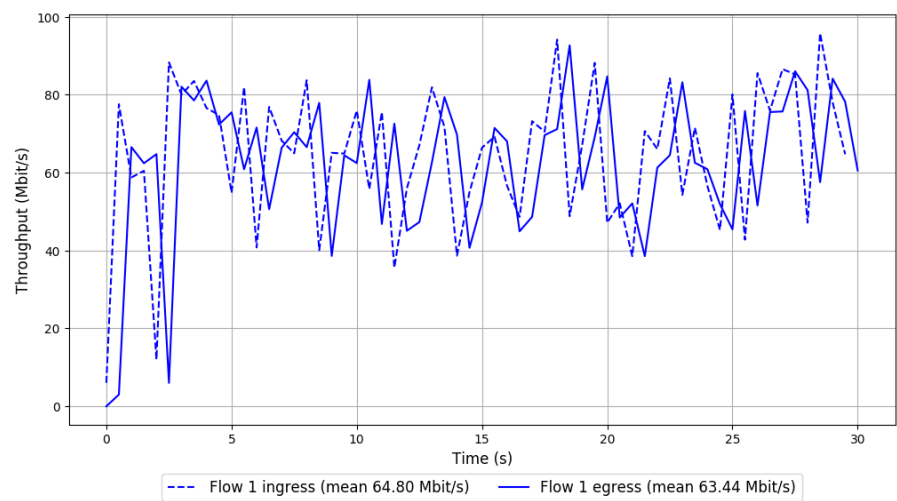
Average throughput: 63.44 Mbit/s

95th percentile per-packet one-way delay: 53.640 ms

Loss rate: 2.26%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-07-10 14:39:06

End at: 2018-07-10 14:39:36

Local clock offset: -0.475 ms

Remote clock offset: 6.399 ms

# Below is generated by plot.py at 2018-07-10 16:40:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.43 Mbit/s

95th percentile per-packet one-way delay: 53.550 ms

Loss rate: 2.55%

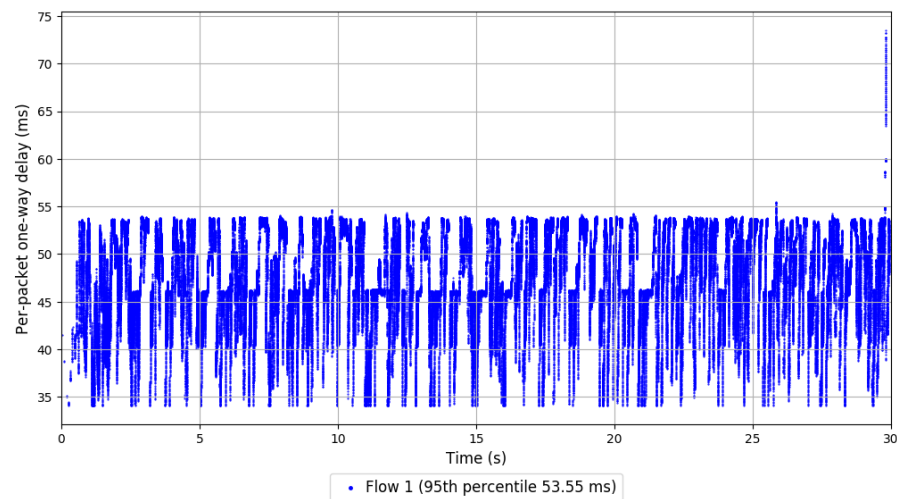
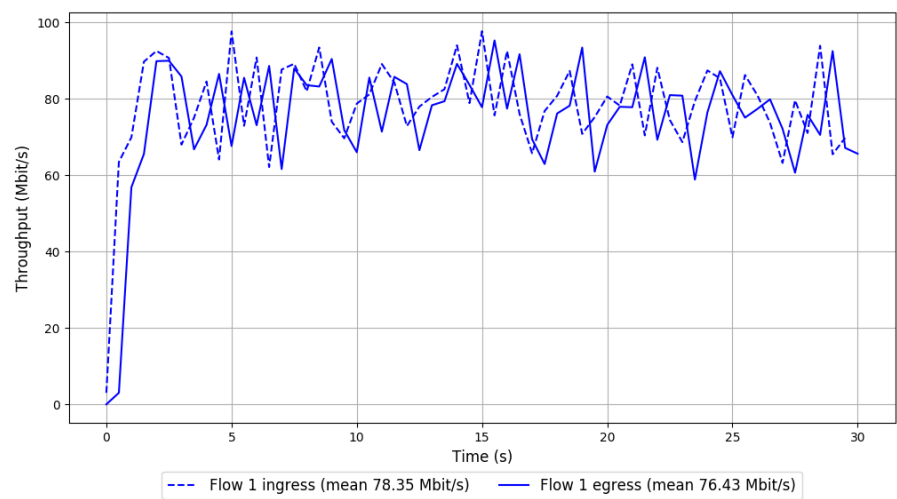
-- Flow 1:

Average throughput: 76.43 Mbit/s

95th percentile per-packet one-way delay: 53.550 ms

Loss rate: 2.55%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-07-10 15:04:34

End at: 2018-07-10 15:05:04

Local clock offset: -0.558 ms

Remote clock offset: -1.23 ms

# Below is generated by plot.py at 2018-07-10 16:40:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.45 Mbit/s

95th percentile per-packet one-way delay: 54.575 ms

Loss rate: 2.86%

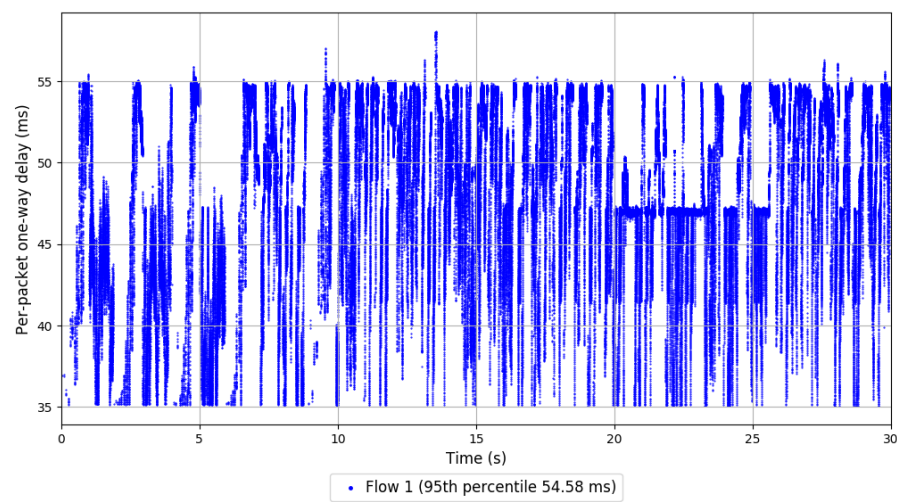
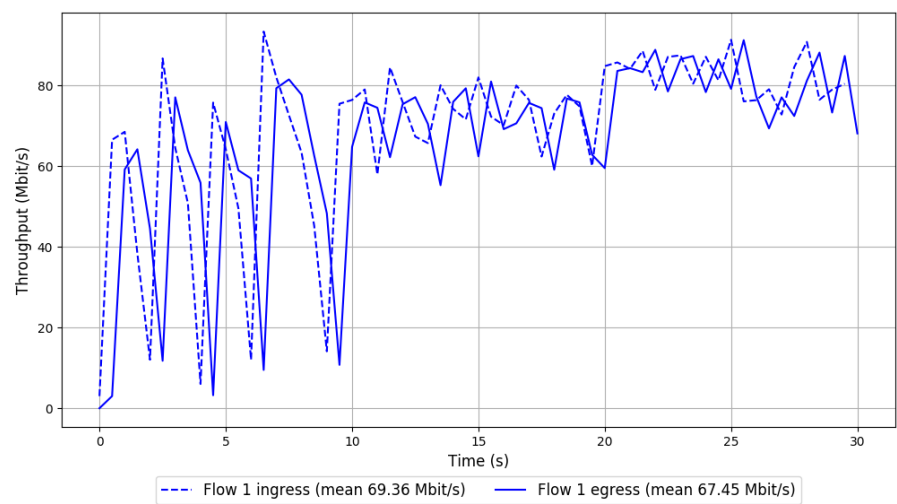
-- Flow 1:

Average throughput: 67.45 Mbit/s

95th percentile per-packet one-way delay: 54.575 ms

Loss rate: 2.86%

Run 7: Report of Verus — Data Link

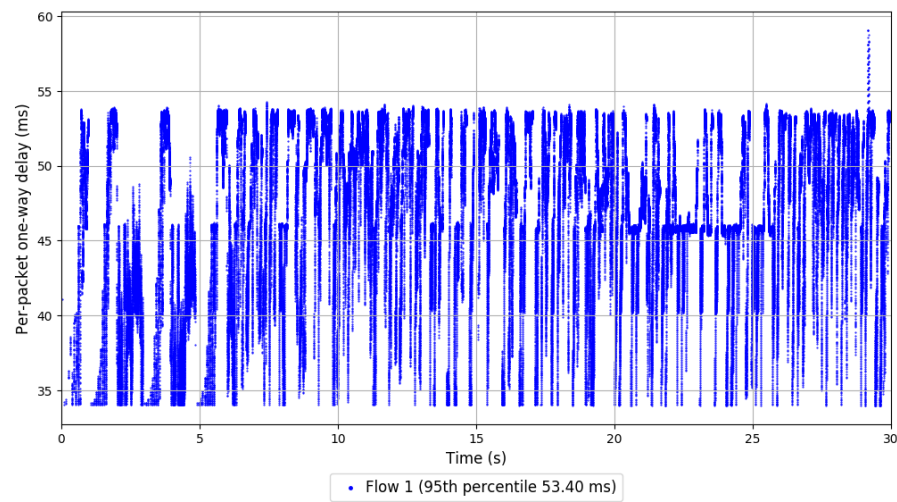
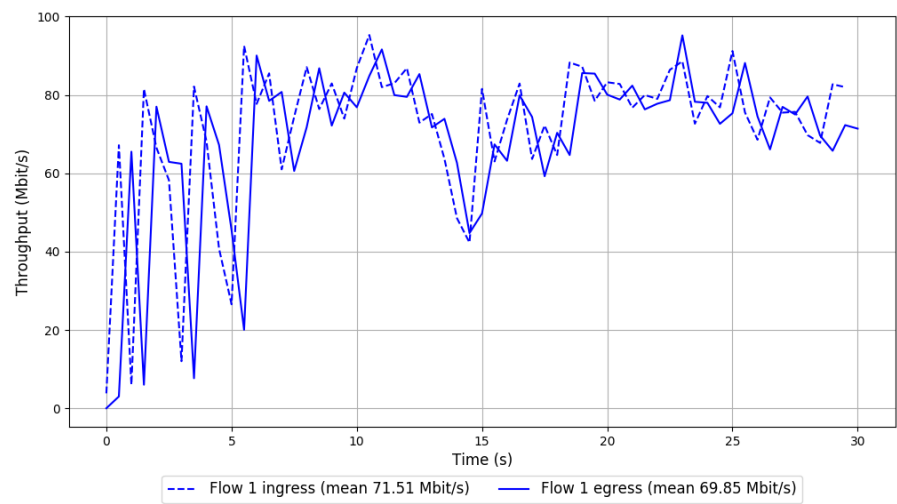


Run 8: Statistics of Verus

Start at: 2018-07-10 15:30:58  
End at: 2018-07-10 15:31:28  
Local clock offset: -0.26 ms  
Remote clock offset: -4.764 ms

# Below is generated by plot.py at 2018-07-10 16:40:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.85 Mbit/s  
95th percentile per-packet one-way delay: 53.403 ms  
Loss rate: 2.59%  
-- Flow 1:  
Average throughput: 69.85 Mbit/s  
95th percentile per-packet one-way delay: 53.403 ms  
Loss rate: 2.59%

Run 8: Report of Verus — Data Link



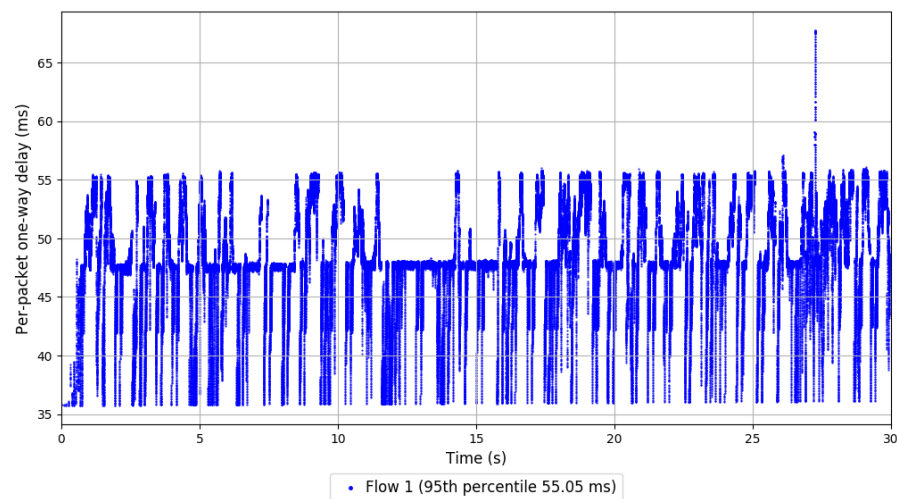
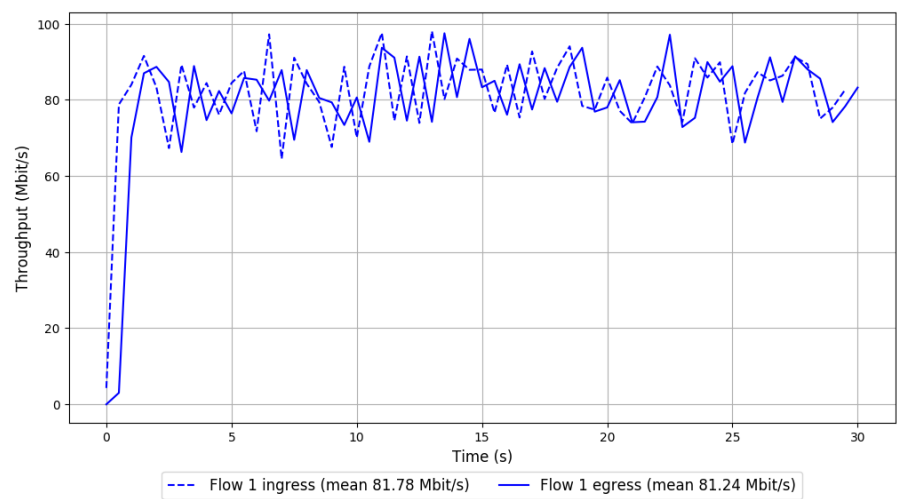
Run 9: Statistics of Verus

Start at: 2018-07-10 15:55:55  
End at: 2018-07-10 15:56:25  
Local clock offset: 0.129 ms  
Remote clock offset: -3.151 ms

# Below is generated by plot.py at 2018-07-10 16:40:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.24 Mbit/s  
95th percentile per-packet one-way delay: 55.047 ms  
Loss rate: 0.88%  
-- Flow 1:  
Average throughput: 81.24 Mbit/s  
95th percentile per-packet one-way delay: 55.047 ms  
Loss rate: 0.88%



Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-10 16:19:30

End at: 2018-07-10 16:20:00

Local clock offset: 0.268 ms

Remote clock offset: 4.696 ms

# Below is generated by plot.py at 2018-07-10 16:40:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.58 Mbit/s

95th percentile per-packet one-way delay: 52.440 ms

Loss rate: 0.82%

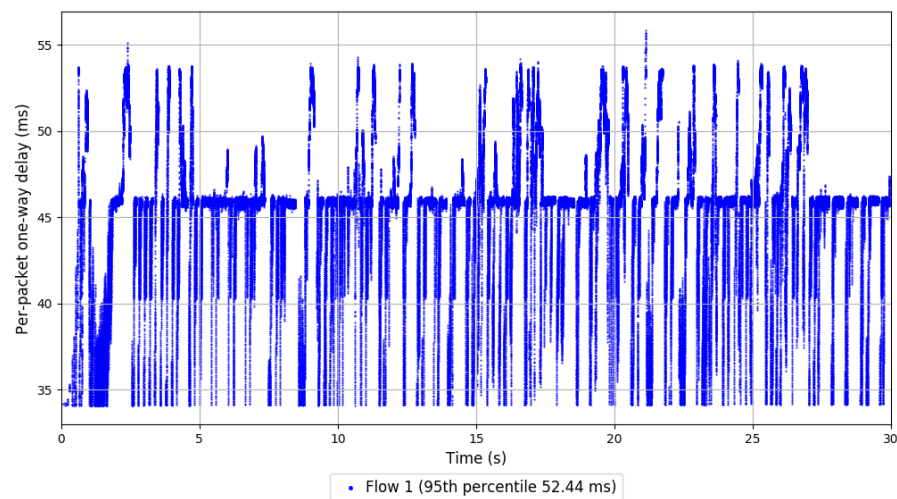
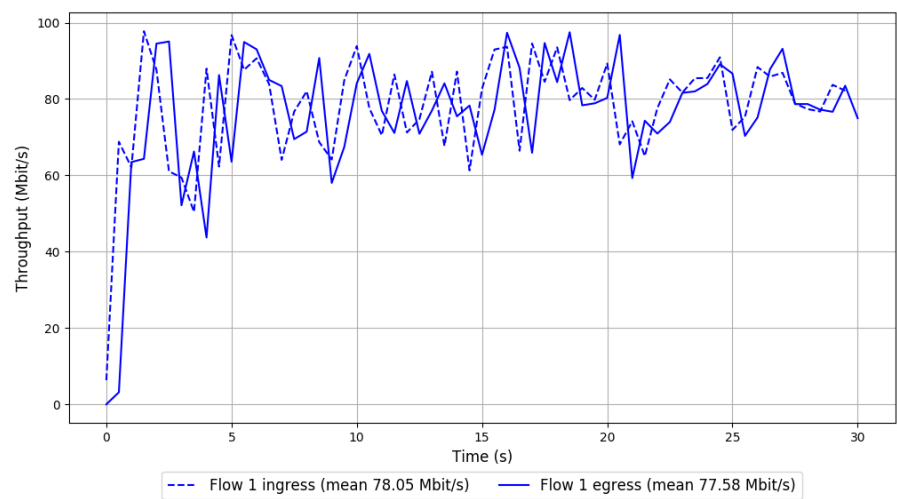
-- Flow 1:

Average throughput: 77.58 Mbit/s

95th percentile per-packet one-way delay: 52.440 ms

Loss rate: 0.82%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 12:38:35

End at: 2018-07-10 12:39:05

Local clock offset: -0.082 ms

Remote clock offset: 0.684 ms

# Below is generated by plot.py at 2018-07-10 16:40:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.45 Mbit/s

95th percentile per-packet one-way delay: 45.395 ms

Loss rate: 1.33%

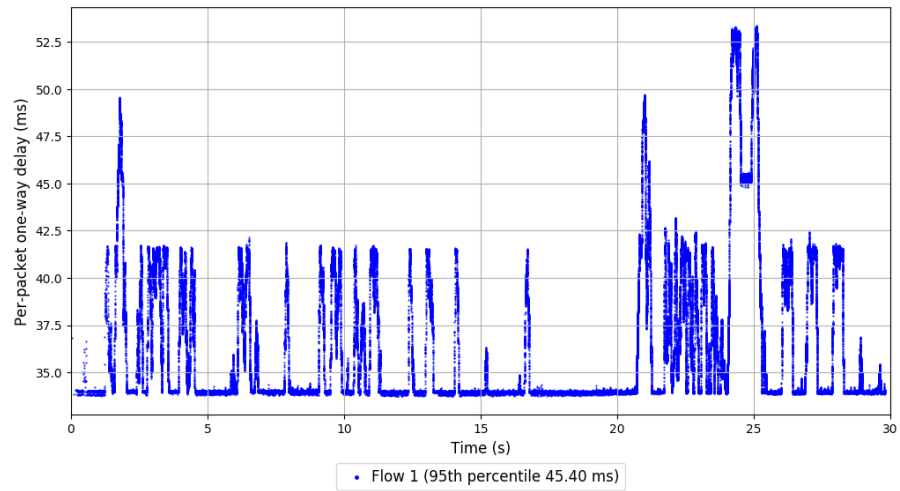
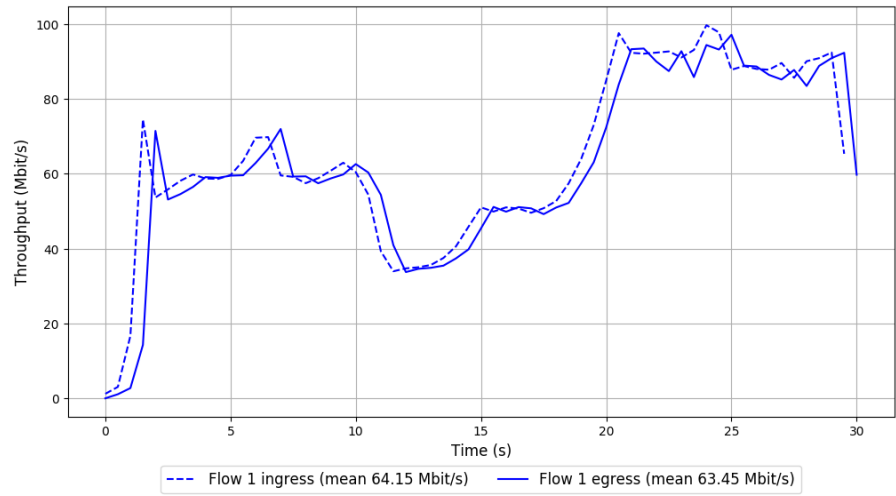
-- Flow 1:

Average throughput: 63.45 Mbit/s

95th percentile per-packet one-way delay: 45.395 ms

Loss rate: 1.33%

# Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 13:02:37

End at: 2018-07-10 13:03:07

Local clock offset: -0.054 ms

Remote clock offset: 0.218 ms

# Below is generated by plot.py at 2018-07-10 16:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 45.921 ms

Loss rate: 1.24%

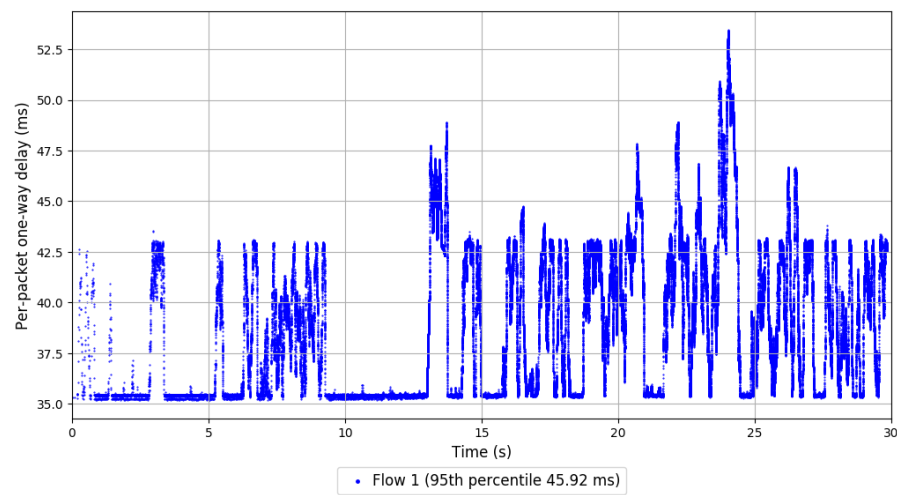
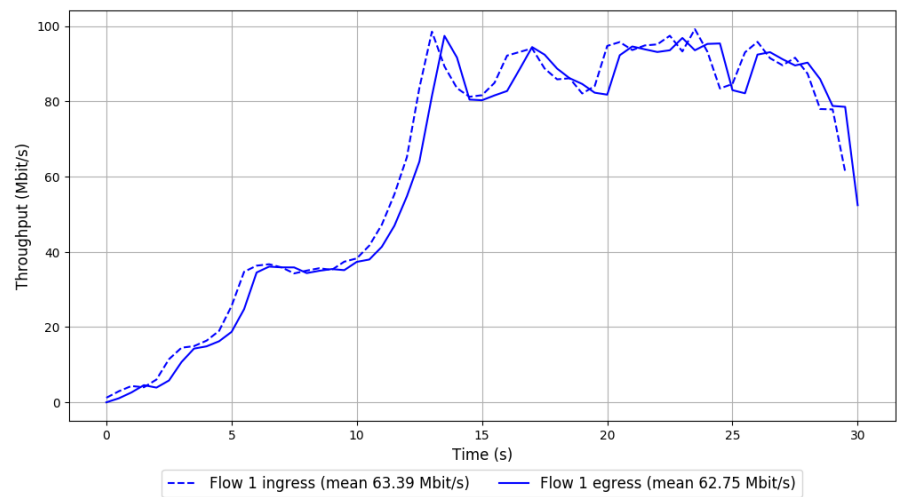
-- Flow 1:

Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 45.921 ms

Loss rate: 1.24%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 13:27:06

End at: 2018-07-10 13:27:36

Local clock offset: -0.125 ms

Remote clock offset: 0.354 ms

# Below is generated by plot.py at 2018-07-10 16:41:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 42.846 ms

Loss rate: 1.16%

-- Flow 1:

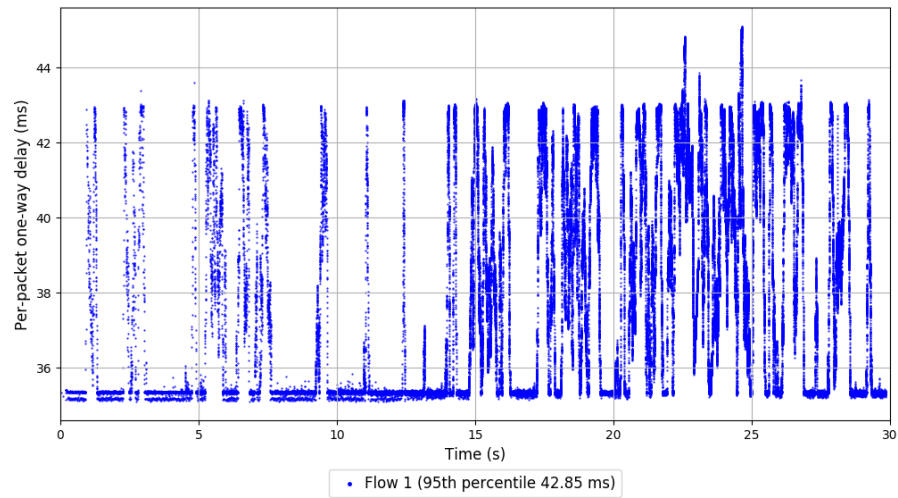
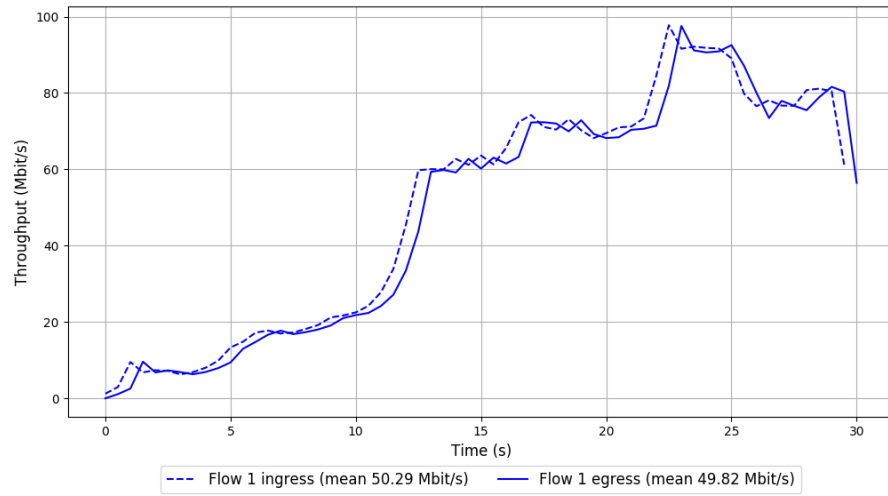
Average throughput: 49.82 Mbit/s

95th percentile per-packet one-way delay: 42.846 ms

Loss rate: 1.16%



### Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 13:50:37

End at: 2018-07-10 13:51:07

Local clock offset: -0.323 ms

Remote clock offset: 3.284 ms

# Below is generated by plot.py at 2018-07-10 16:41:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.03 Mbit/s

95th percentile per-packet one-way delay: 43.030 ms

Loss rate: 0.94%

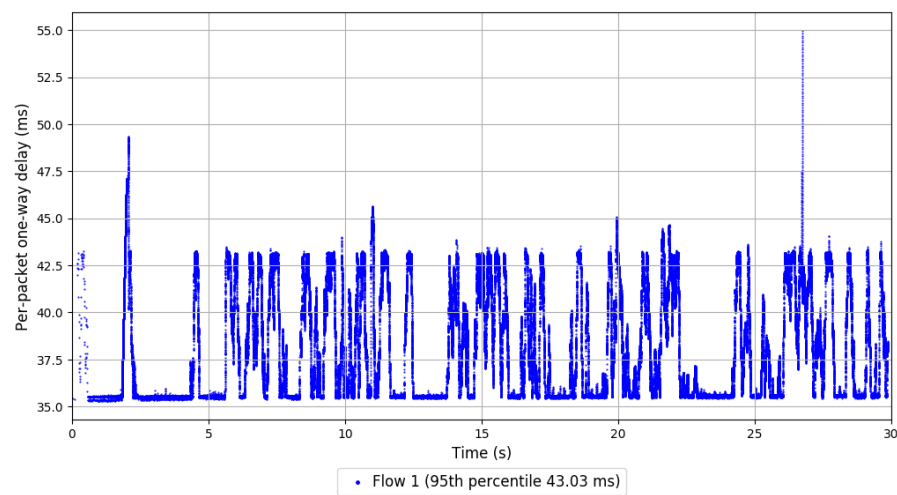
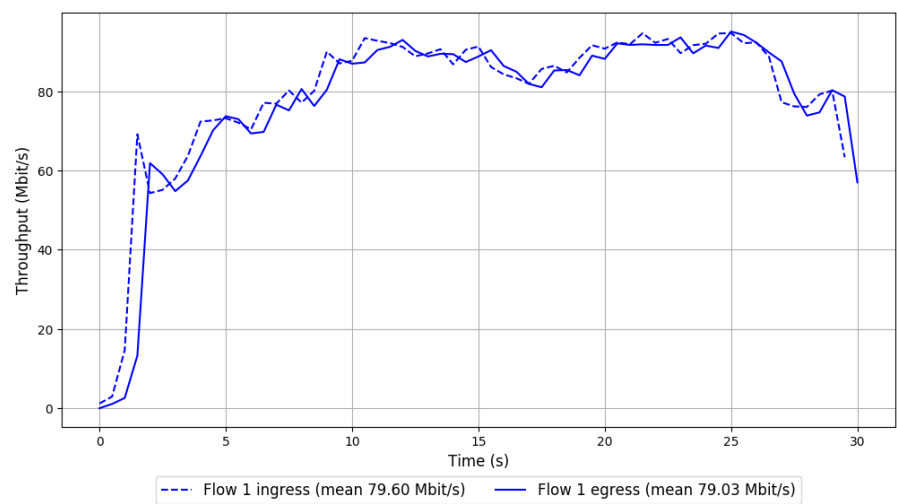
-- Flow 1:

Average throughput: 79.03 Mbit/s

95th percentile per-packet one-way delay: 43.030 ms

Loss rate: 0.94%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 14:16:37

End at: 2018-07-10 14:17:07

Local clock offset: -0.472 ms

Remote clock offset: 5.641 ms

# Below is generated by plot.py at 2018-07-10 16:41:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 33.58 Mbit/s

95th percentile per-packet one-way delay: 41.637 ms

Loss rate: 1.23%

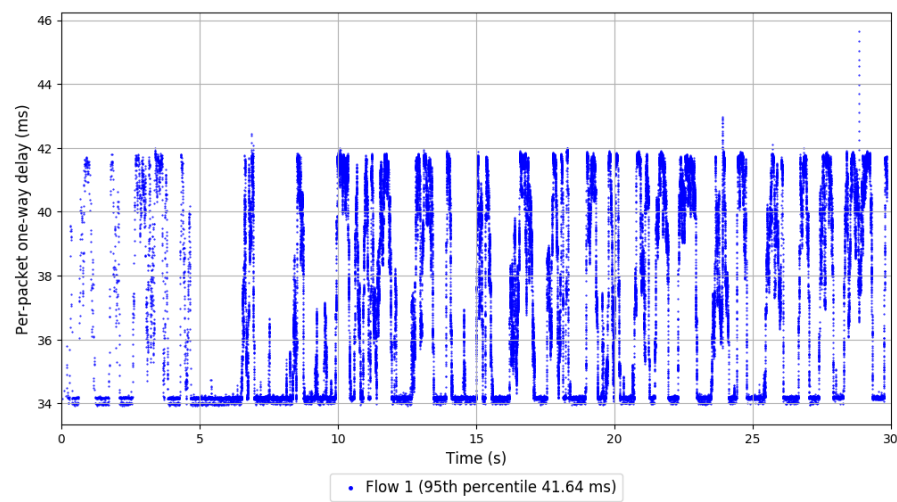
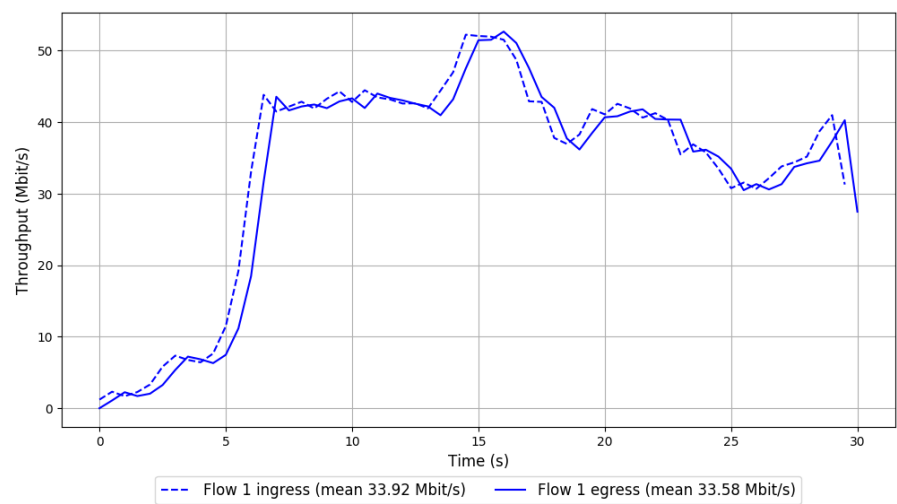
-- Flow 1:

Average throughput: 33.58 Mbit/s

95th percentile per-packet one-way delay: 41.637 ms

Loss rate: 1.23%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 14:42:33

End at: 2018-07-10 14:43:03

Local clock offset: -0.554 ms

Remote clock offset: 6.411 ms

# Below is generated by plot.py at 2018-07-10 16:41:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.14 Mbit/s

95th percentile per-packet one-way delay: 46.901 ms

Loss rate: 1.55%

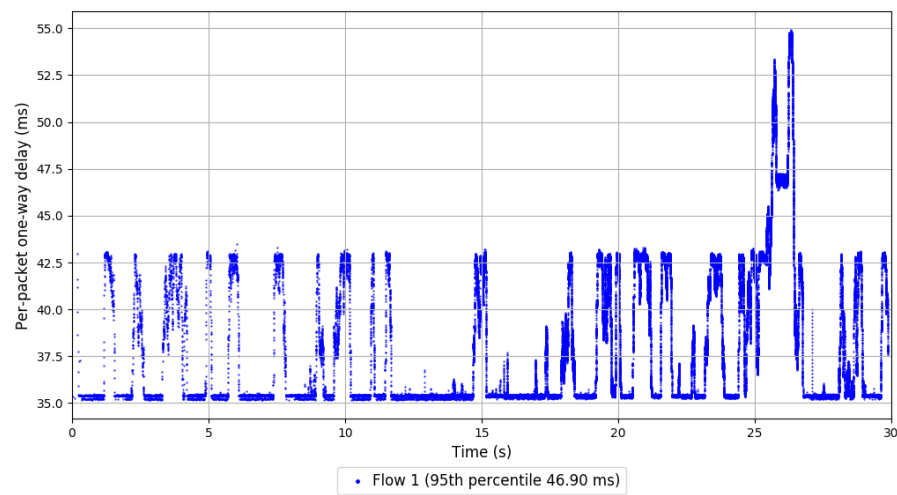
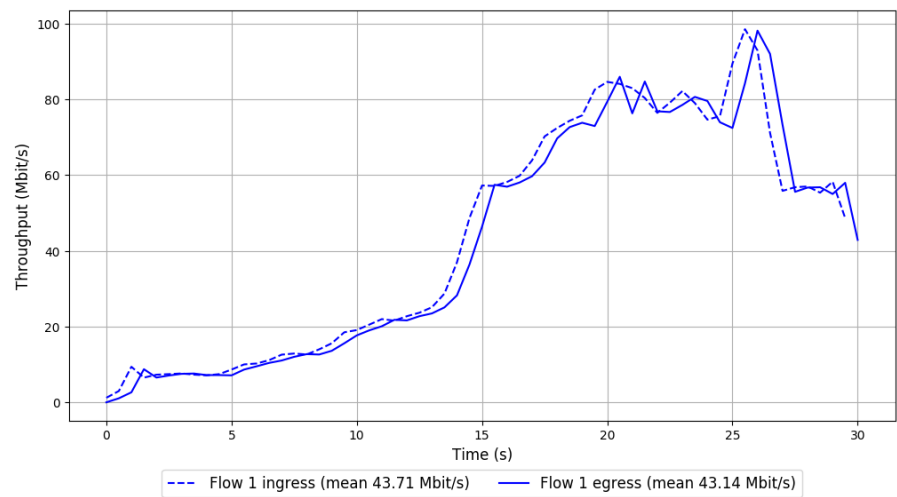
-- Flow 1:

Average throughput: 43.14 Mbit/s

95th percentile per-packet one-way delay: 46.901 ms

Loss rate: 1.55%

Run 6: Report of PCC-Vivace — Data Link



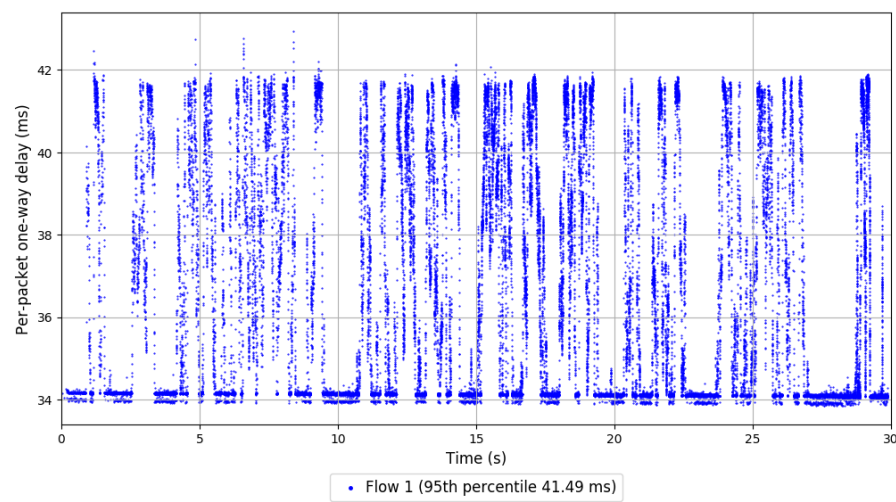
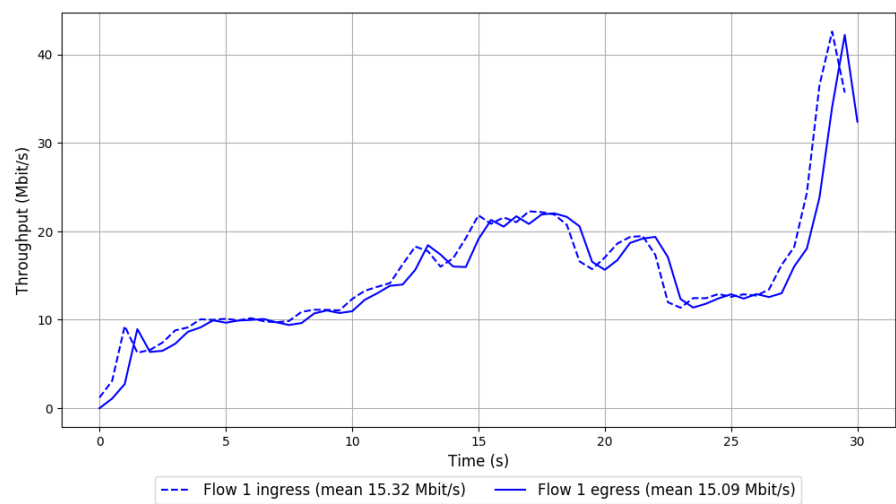
Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 15:08:33  
End at: 2018-07-10 15:09:03  
Local clock offset: -0.438 ms  
Remote clock offset: -2.066 ms

# Below is generated by plot.py at 2018-07-10 16:41:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.09 Mbit/s  
95th percentile per-packet one-way delay: 41.488 ms  
Loss rate: 1.79%  
-- Flow 1:  
Average throughput: 15.09 Mbit/s  
95th percentile per-packet one-way delay: 41.488 ms  
Loss rate: 1.79%



Run 7: Report of PCC-Vivace — Data Link

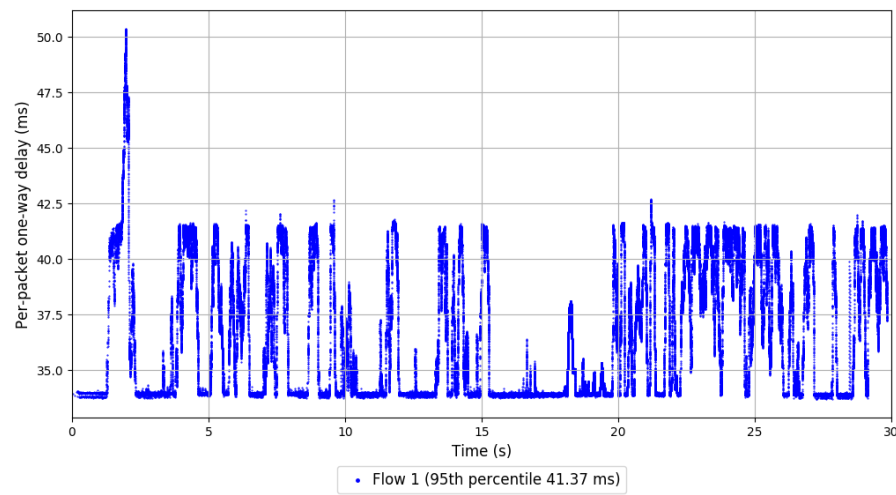
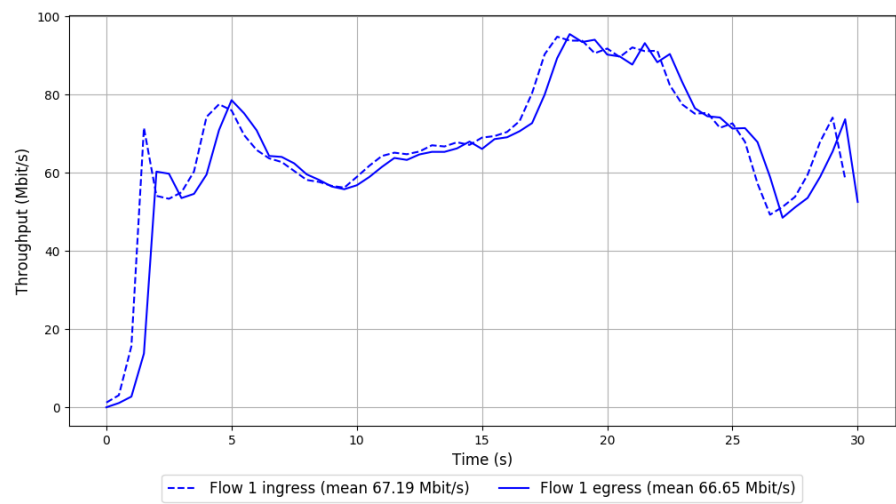


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 15:34:34  
End at: 2018-07-10 15:35:04  
Local clock offset: -0.224 ms  
Remote clock offset: -5.131 ms

# Below is generated by plot.py at 2018-07-10 16:41:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 66.65 Mbit/s  
95th percentile per-packet one-way delay: 41.370 ms  
Loss rate: 1.03%  
-- Flow 1:  
Average throughput: 66.65 Mbit/s  
95th percentile per-packet one-way delay: 41.370 ms  
Loss rate: 1.03%

Run 8: Report of PCC-Vivace — Data Link

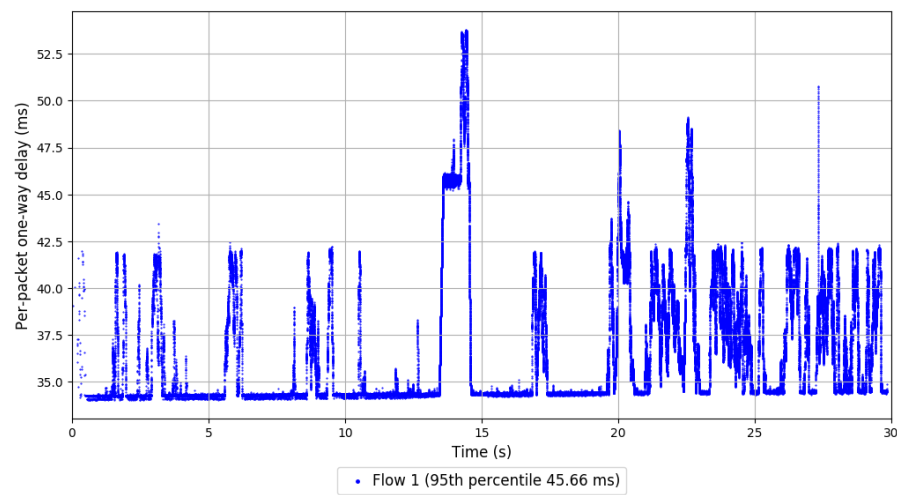
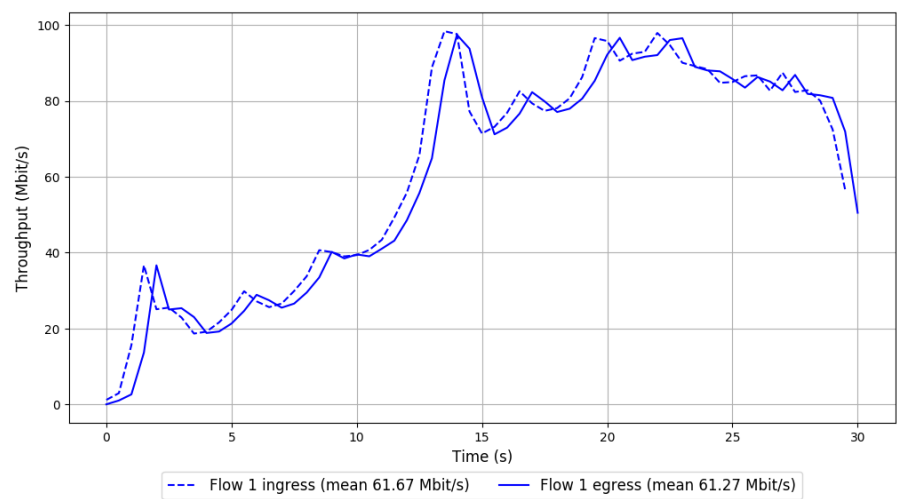


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 15:58:49  
End at: 2018-07-10 15:59:19  
Local clock offset: 0.163 ms  
Remote clock offset: -1.051 ms

# Below is generated by plot.py at 2018-07-10 16:41:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 61.27 Mbit/s  
95th percentile per-packet one-way delay: 45.662 ms  
Loss rate: 0.89%  
-- Flow 1:  
Average throughput: 61.27 Mbit/s  
95th percentile per-packet one-way delay: 45.662 ms  
Loss rate: 0.89%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 16:22:22

End at: 2018-07-10 16:22:52

Local clock offset: 0.26 ms

Remote clock offset: 5.118 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.85 Mbit/s

95th percentile per-packet one-way delay: 42.583 ms

Loss rate: 0.71%

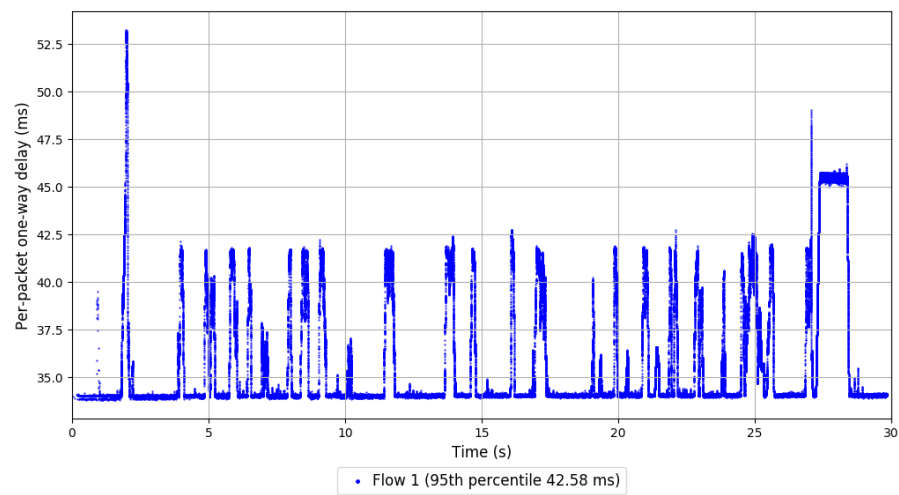
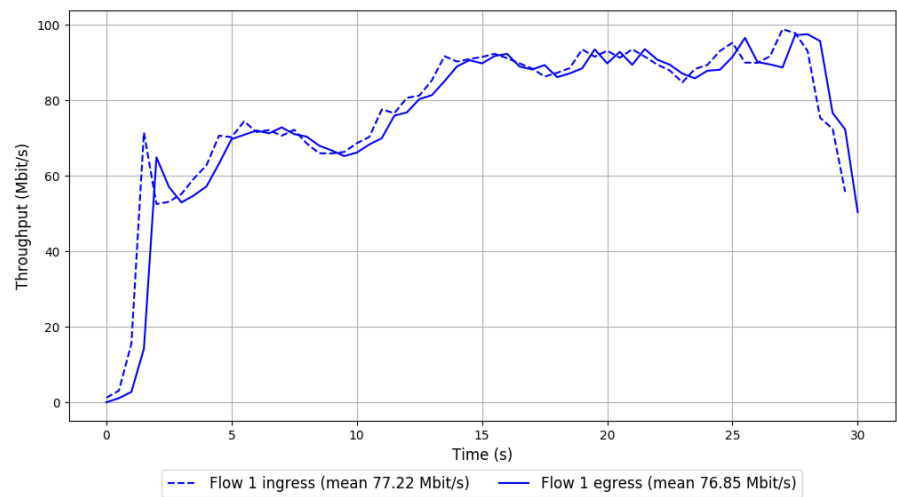
-- Flow 1:

Average throughput: 76.85 Mbit/s

95th percentile per-packet one-way delay: 42.583 ms

Loss rate: 0.71%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-07-10 12:19:13

End at: 2018-07-10 12:19:44

Local clock offset: -0.101 ms

Remote clock offset: 2.75 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 34.275 ms

Loss rate: 0.33%

-- Flow 1:

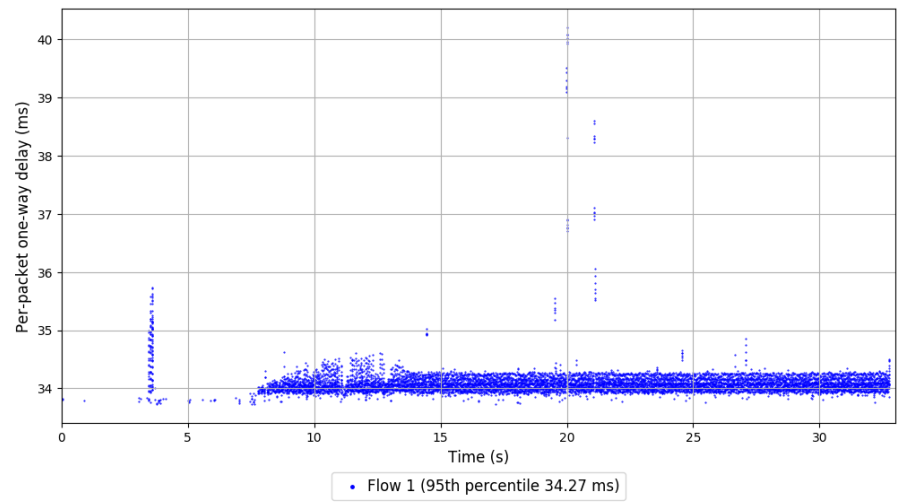
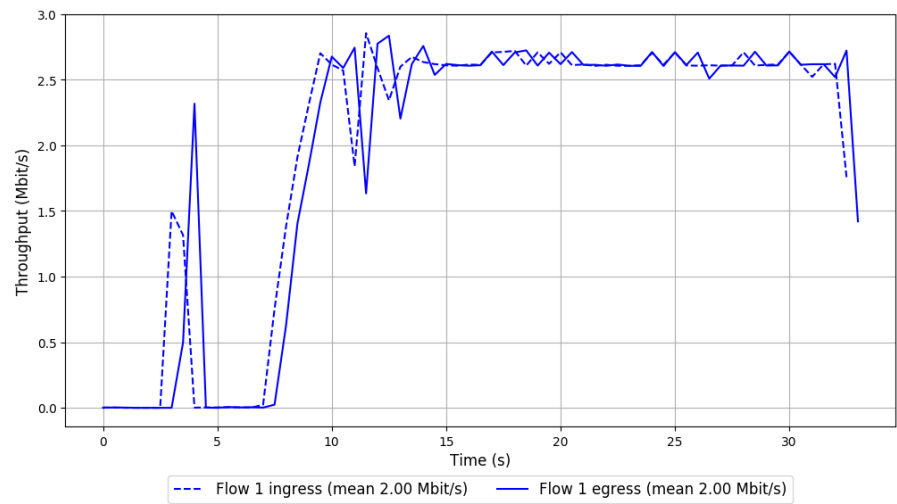
Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 34.275 ms

Loss rate: 0.33%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-07-10 12:42:44

End at: 2018-07-10 12:43:14

Local clock offset: -0.159 ms

Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.69 Mbit/s

95th percentile per-packet one-way delay: 40.969 ms

Loss rate: 0.92%

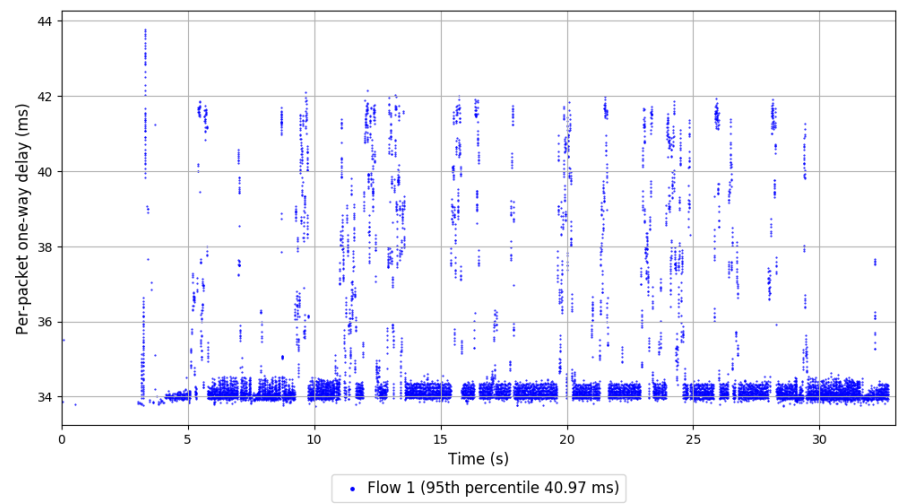
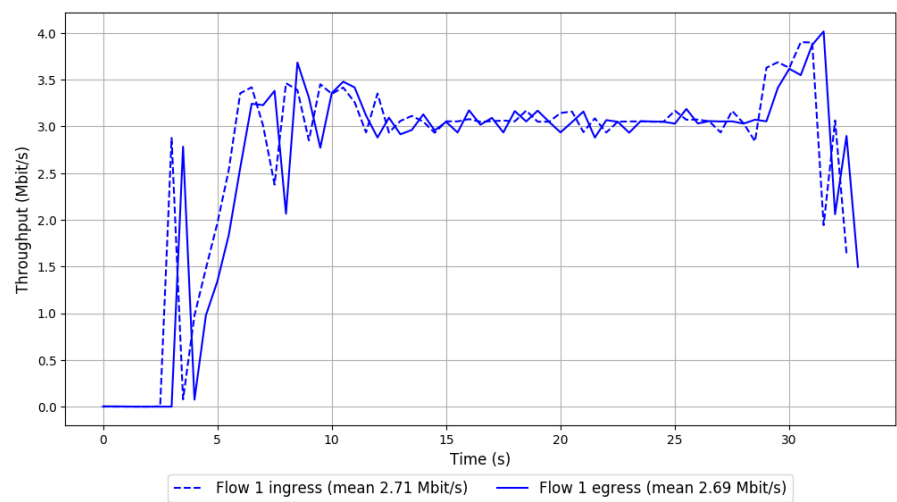
-- Flow 1:

Average throughput: 2.69 Mbit/s

95th percentile per-packet one-way delay: 40.969 ms

Loss rate: 0.92%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-07-10 13:06:53

End at: 2018-07-10 13:07:23

Local clock offset: -0.131 ms

Remote clock offset: 0.342 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.68 Mbit/s

95th percentile per-packet one-way delay: 39.938 ms

Loss rate: 0.70%

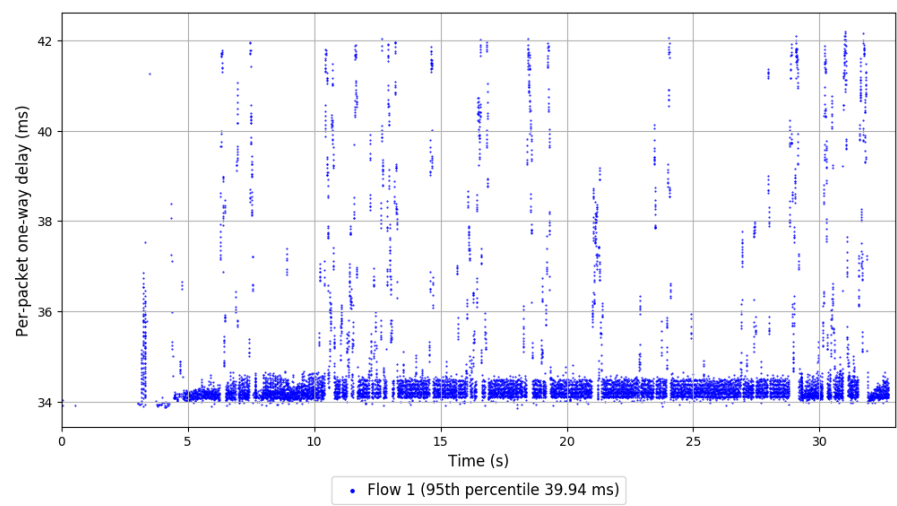
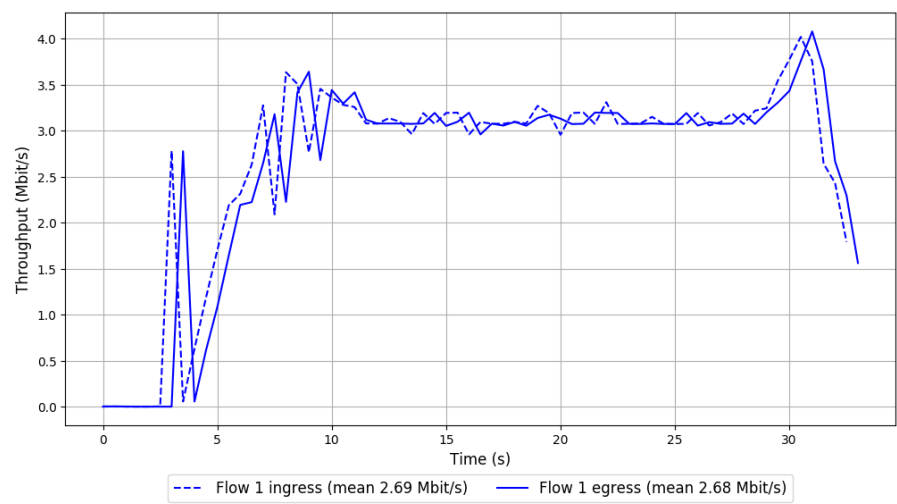
-- Flow 1:

Average throughput: 2.68 Mbit/s

95th percentile per-packet one-way delay: 39.938 ms

Loss rate: 0.70%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-07-10 13:31:14

End at: 2018-07-10 13:31:44

Local clock offset: -0.045 ms

Remote clock offset: 0.44 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.74 Mbit/s

95th percentile per-packet one-way delay: 41.390 ms

Loss rate: 0.94%

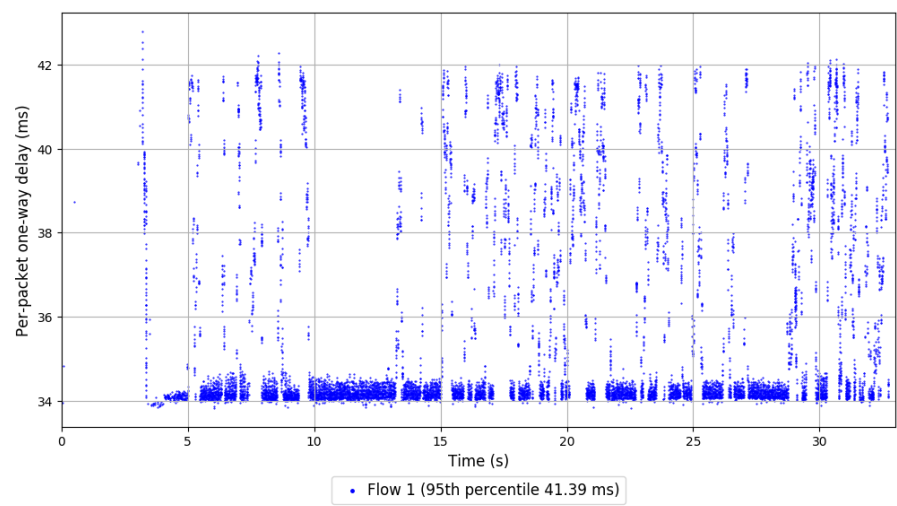
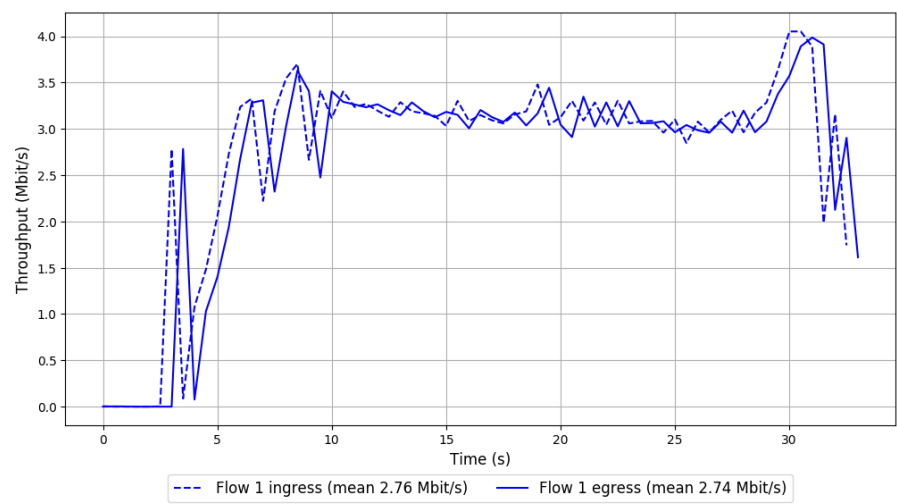
-- Flow 1:

Average throughput: 2.74 Mbit/s

95th percentile per-packet one-way delay: 41.390 ms

Loss rate: 0.94%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-07-10 13:54:57

End at: 2018-07-10 13:55:27

Local clock offset: -0.374 ms

Remote clock offset: 3.82 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.80 Mbit/s

95th percentile per-packet one-way delay: 40.731 ms

Loss rate: 0.85%

-- Flow 1:

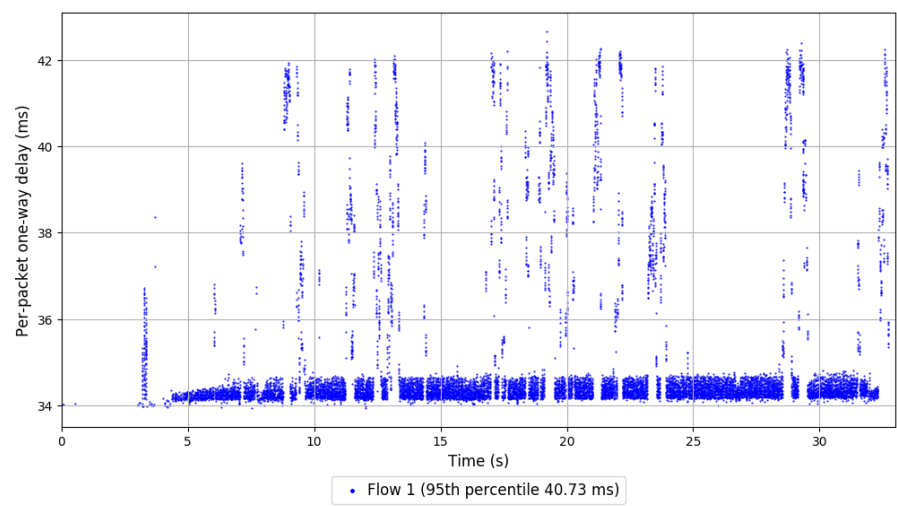
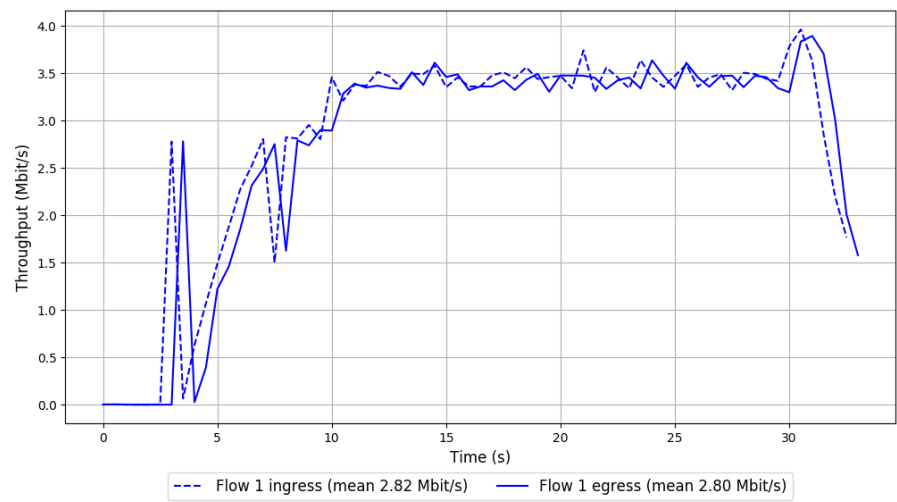
Average throughput: 2.80 Mbit/s

95th percentile per-packet one-way delay: 40.731 ms

Loss rate: 0.85%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-07-10 14:21:05

End at: 2018-07-10 14:21:35

Local clock offset: -0.457 ms

Remote clock offset: 5.969 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.71 Mbit/s

95th percentile per-packet one-way delay: 41.748 ms

Loss rate: 1.48%

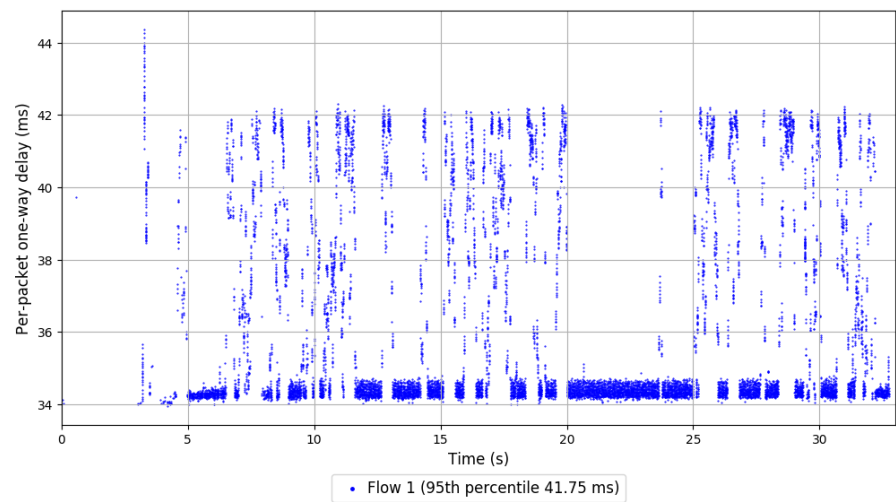
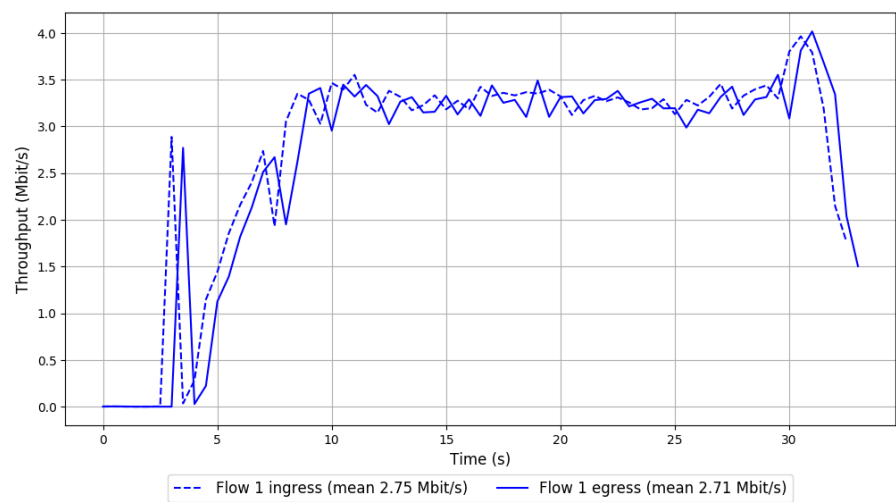
-- Flow 1:

Average throughput: 2.71 Mbit/s

95th percentile per-packet one-way delay: 41.748 ms

Loss rate: 1.48%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-07-10 14:46:54

End at: 2018-07-10 14:47:24

Local clock offset: -0.461 ms

Remote clock offset: 4.116 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.67 Mbit/s

95th percentile per-packet one-way delay: 41.089 ms

Loss rate: 0.93%

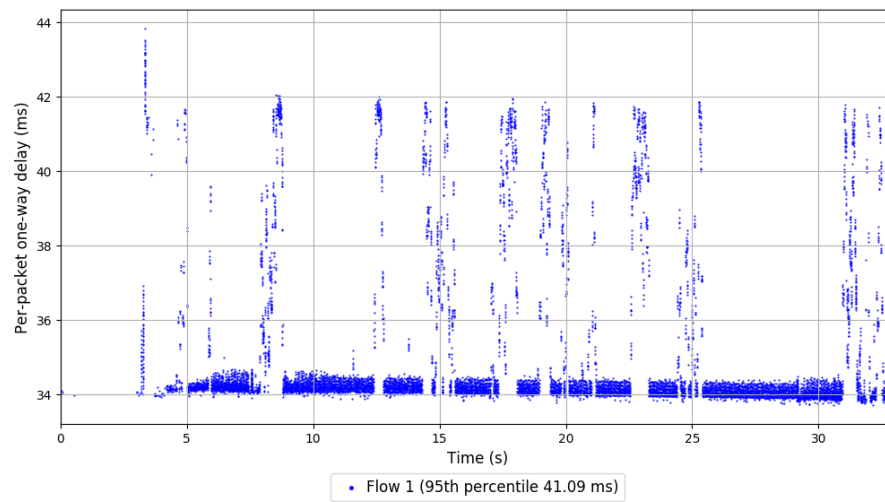
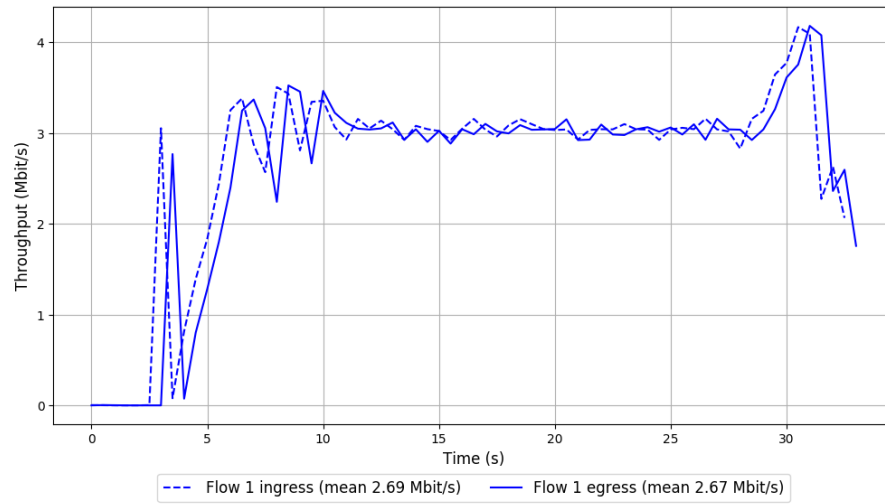
-- Flow 1:

Average throughput: 2.67 Mbit/s

95th percentile per-packet one-way delay: 41.089 ms

Loss rate: 0.93%

# Run 7: Report of WebRTC media — Data Link

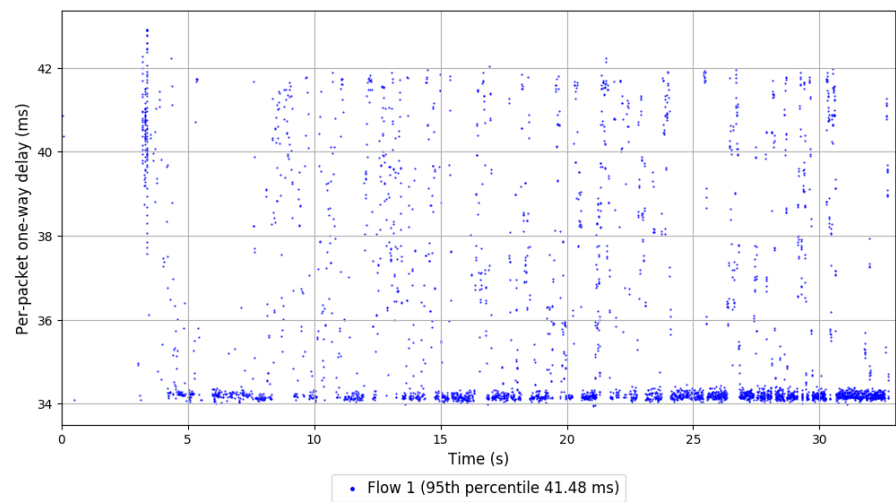
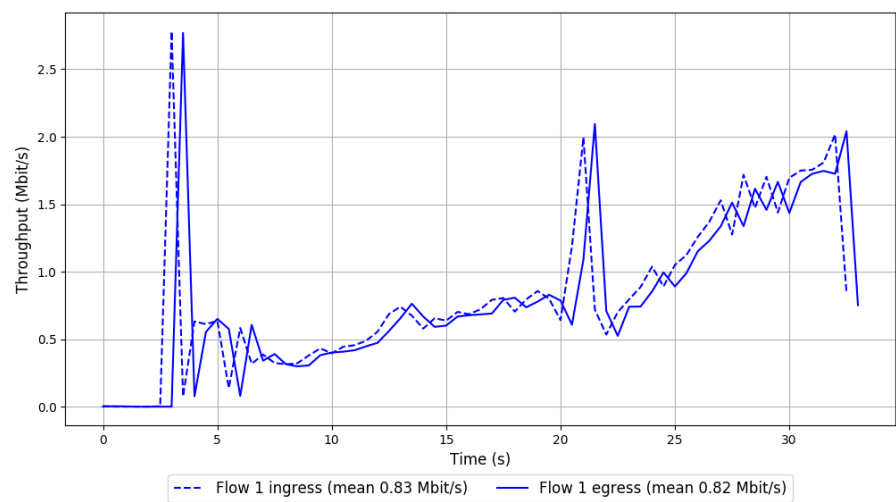


Run 8: Statistics of WebRTC media

Start at: 2018-07-10 15:13:01  
End at: 2018-07-10 15:13:31  
Local clock offset: -0.418 ms  
Remote clock offset: -1.339 ms

# Below is generated by plot.py at 2018-07-10 16:41:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.82 Mbit/s  
95th percentile per-packet one-way delay: 41.477 ms  
Loss rate: 1.65%  
-- Flow 1:  
Average throughput: 0.82 Mbit/s  
95th percentile per-packet one-way delay: 41.477 ms  
Loss rate: 1.65%

Run 8: Report of WebRTC media — Data Link



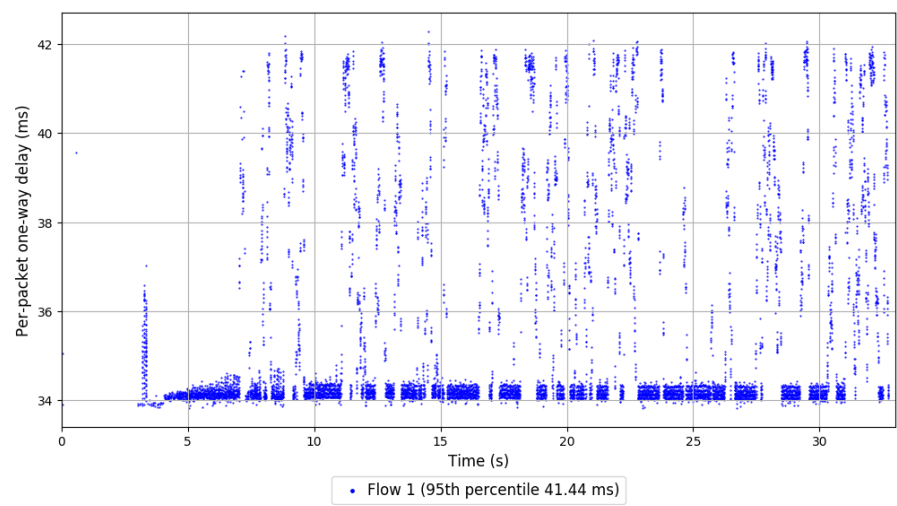
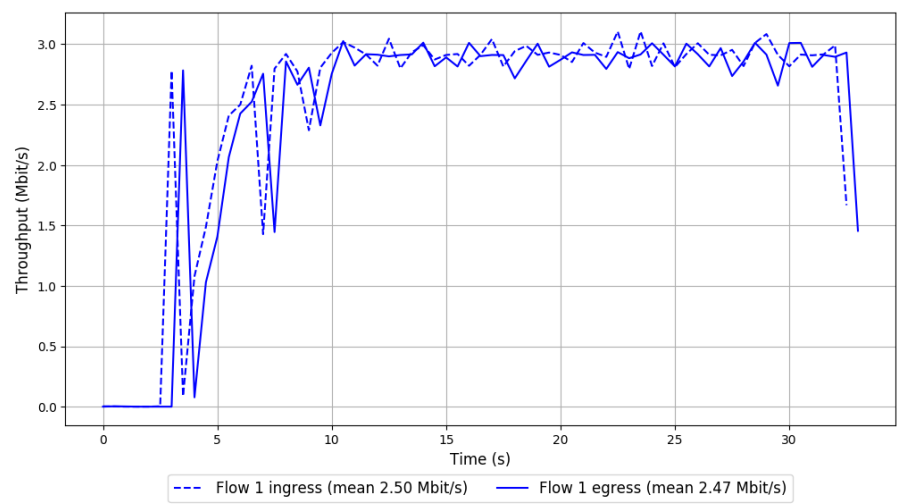
Run 9: Statistics of WebRTC media

Start at: 2018-07-10 15:38:56  
End at: 2018-07-10 15:39:26  
Local clock offset: -0.164 ms  
Remote clock offset: -5.634 ms

# Below is generated by plot.py at 2018-07-10 16:41:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 41.443 ms  
Loss rate: 1.15%  
-- Flow 1:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 41.443 ms  
Loss rate: 1.15%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 16:02:54

End at: 2018-07-10 16:03:24

Local clock offset: 0.124 ms

Remote clock offset: 0.94 ms

# Below is generated by plot.py at 2018-07-10 16:41:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.84 Mbit/s

95th percentile per-packet one-way delay: 34.736 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 2.84 Mbit/s

95th percentile per-packet one-way delay: 34.736 ms

Loss rate: 0.34%

Run 10: Report of WebRTC media — Data Link

