

## Pantheon Report

Generated at 2018-08-22 14:38:21 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

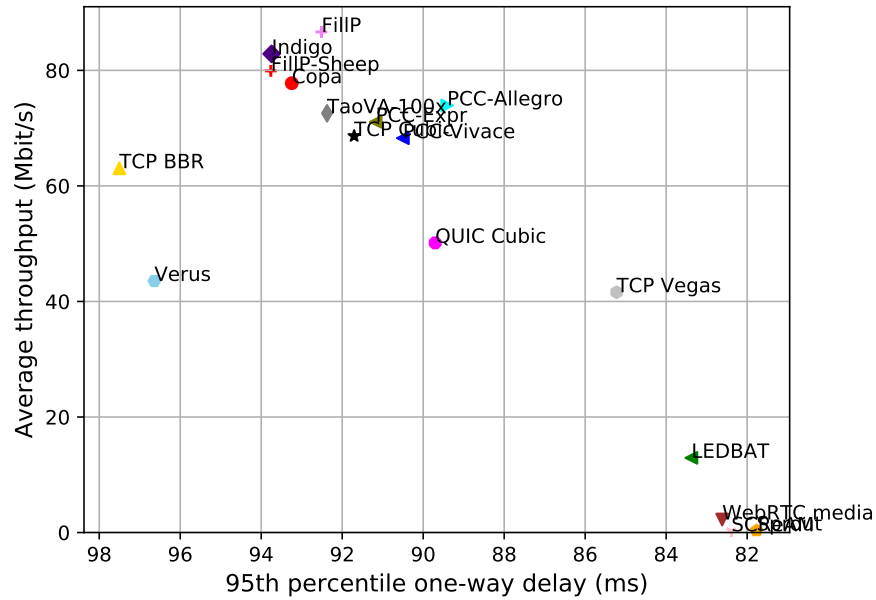
### System info:

```
Linux 4.15.0-1017-aws
net.core.default_qdisc = fq_codel
net.core.rmem_default = 16777216
net.core.rmem_max = 33554432
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 87380 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304
```

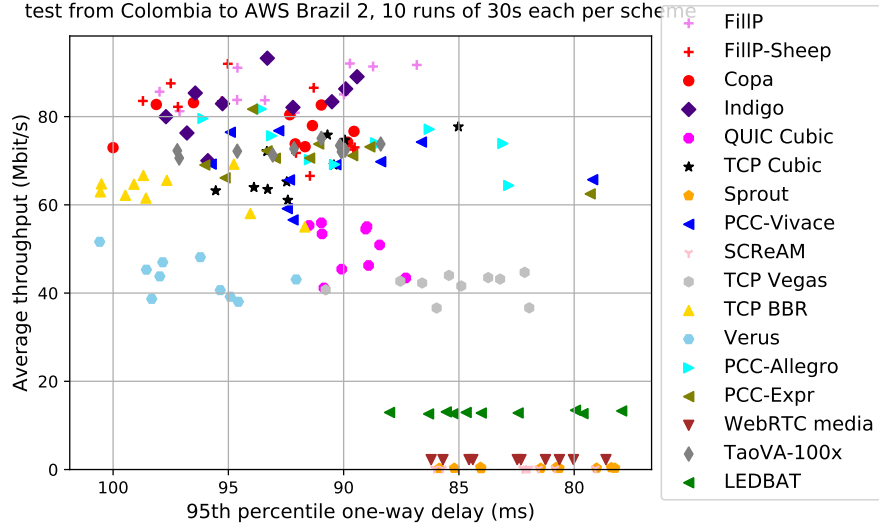
### Git summary:

```
branch: master @ 7719b900495aa706f8452ab7d4a94dd562e9296e
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfef58e562f4
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-quic @ 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 Colombia to AWS Brazil 2, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	63.06	97.50	2.55
Copa	10	77.78	93.25	1.94
TCP Cubic	10	68.64	91.71	0.57
FillP	10	86.65	92.51	0.95
FillP-Sheep	10	79.91	93.76	6.86
Indigo	10	82.86	93.74	1.94
LEDBAT	10	12.93	83.38	1.10
PCC-Allegro	10	73.93	89.41	0.83
PCC-Expr	10	71.08	91.17	0.93
QUIC Cubic	10	50.15	89.70	0.83
SCReAM	10	0.22	82.39	0.56
Sprout	10	0.36	81.77	0.41
TaoVA-100x	10	72.58	92.37	0.70
TCP Vegas	10	41.60	85.23	0.65
Verus	10	43.55	96.64	2.85
PCC-Vivace	10	68.27	90.50	1.87
WebRTC media	10	2.25	82.62	0.31

Run 1: Statistics of TCP BBR

Start at: 2018-08-22 11:19:41

End at: 2018-08-22 11:20:11

Local clock offset: -5.347 ms

Remote clock offset: 3.102 ms

# Below is generated by plot.py at 2018-08-22 14:22:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.69 Mbit/s

95th percentile per-packet one-way delay: 99.094 ms

Loss rate: 1.09%

-- Flow 1:

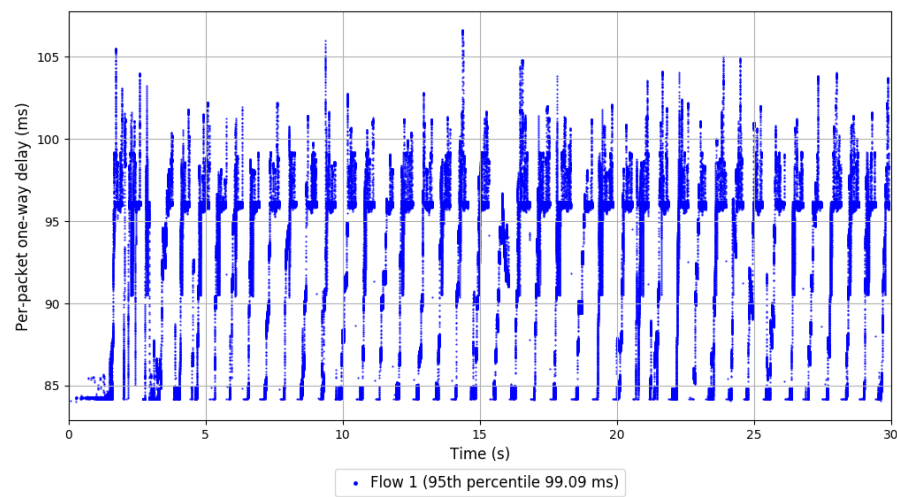
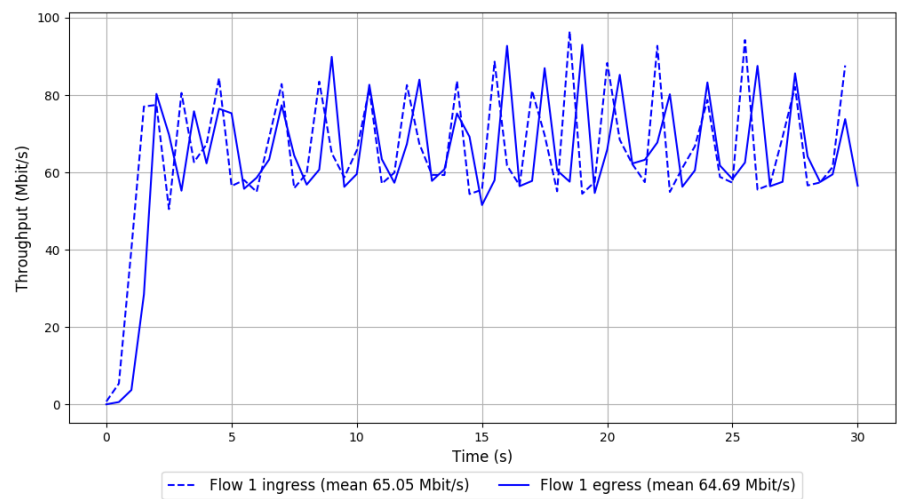
Average throughput: 64.69 Mbit/s

95th percentile per-packet one-way delay: 99.094 ms

Loss rate: 1.09%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-22 11:39:27

End at: 2018-08-22 11:39:57

Local clock offset: -5.566 ms

Remote clock offset: 2.919 ms

# Below is generated by plot.py at 2018-08-22 14:22:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.52 Mbit/s

95th percentile per-packet one-way delay: 98.576 ms

Loss rate: 7.15%

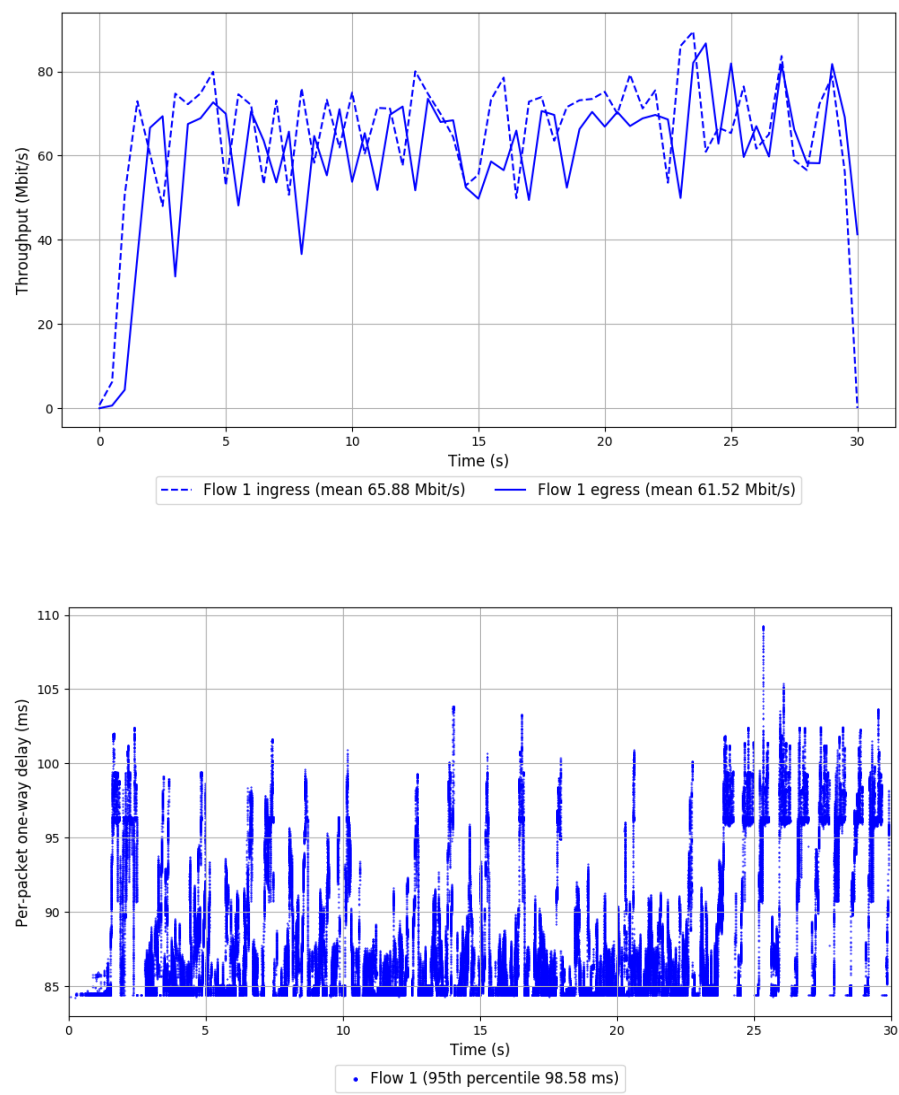
-- Flow 1:

Average throughput: 61.52 Mbit/s

95th percentile per-packet one-way delay: 98.576 ms

Loss rate: 7.15%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-08-22 11:59:15

End at: 2018-08-22 11:59:45

Local clock offset: -4.888 ms

Remote clock offset: 7.871 ms

# Below is generated by plot.py at 2018-08-22 14:22:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.00 Mbit/s

95th percentile per-packet one-way delay: 91.682 ms

Loss rate: 10.69%

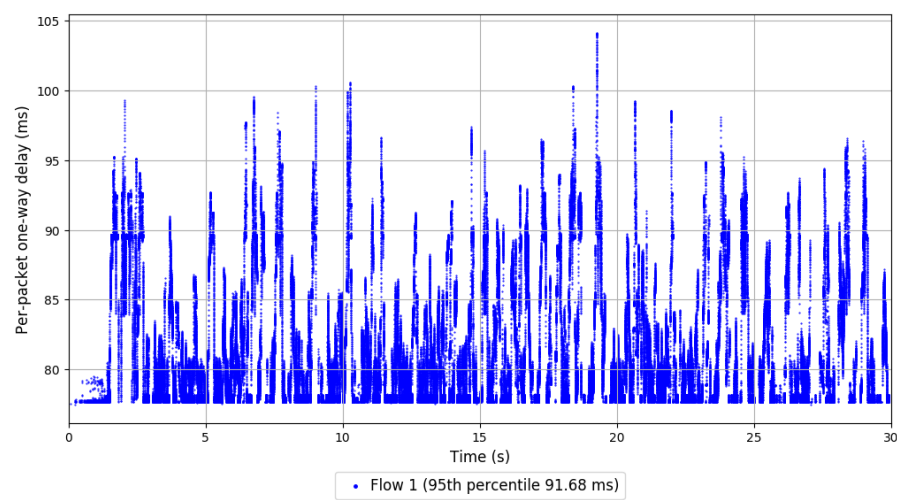
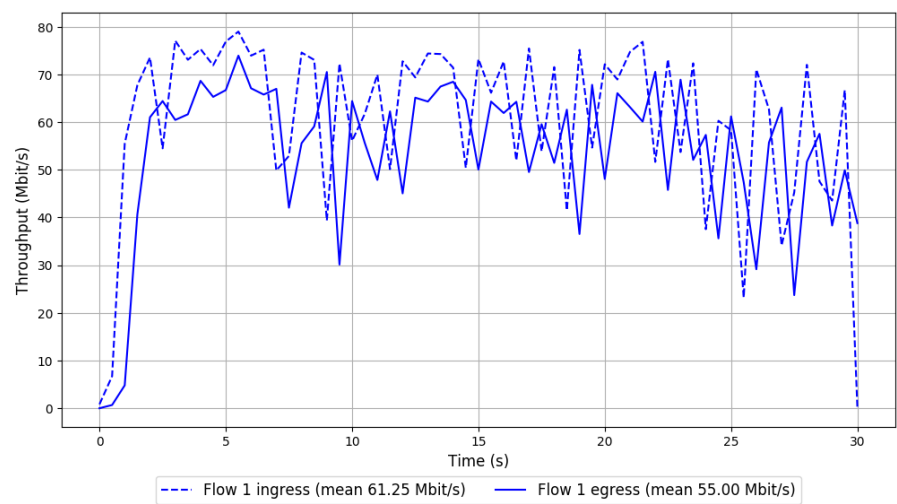
-- Flow 1:

Average throughput: 55.00 Mbit/s

95th percentile per-packet one-way delay: 91.682 ms

Loss rate: 10.69%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-08-22 12:19:24

End at: 2018-08-22 12:19:54

Local clock offset: -4.128 ms

Remote clock offset: 9.192 ms

# Below is generated by plot.py at 2018-08-22 14:22:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.04 Mbit/s

95th percentile per-packet one-way delay: 94.046 ms

Loss rate: 1.11%

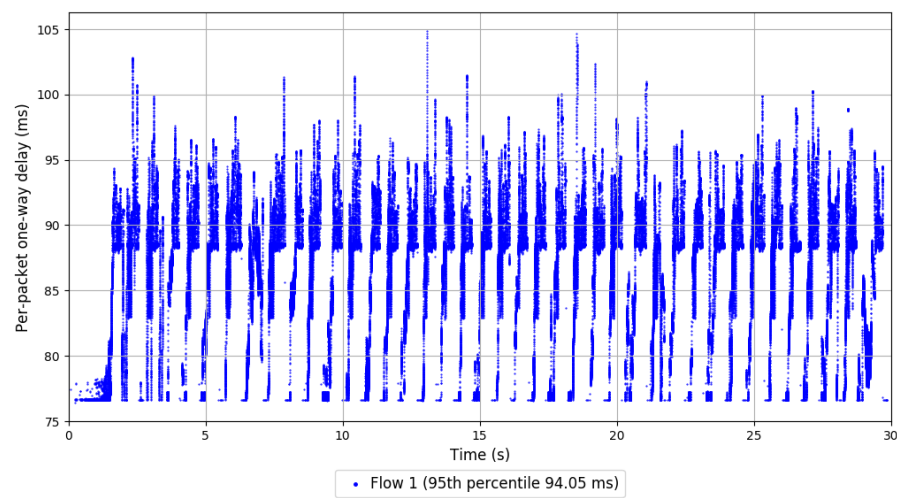
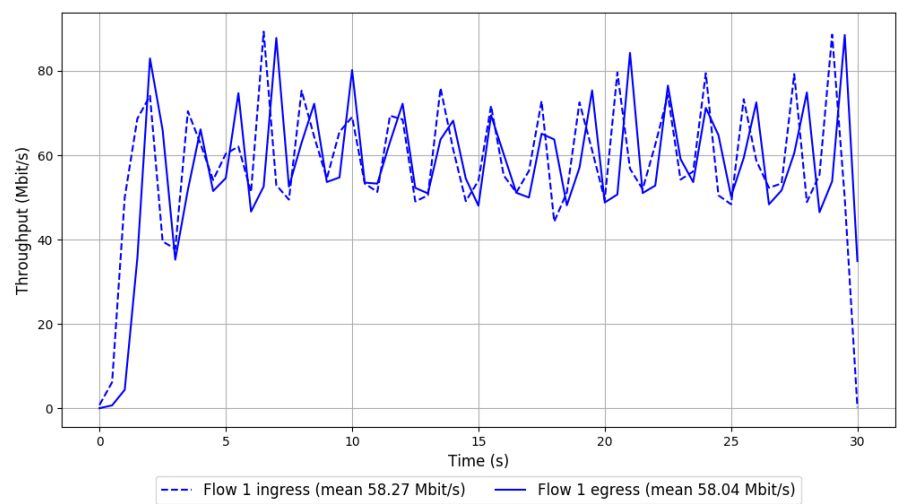
-- Flow 1:

Average throughput: 58.04 Mbit/s

95th percentile per-packet one-way delay: 94.046 ms

Loss rate: 1.11%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-08-22 12:39:12

End at: 2018-08-22 12:39:42

Local clock offset: -3.806 ms

Remote clock offset: 3.291 ms

# Below is generated by plot.py at 2018-08-22 14:22:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.23 Mbit/s

95th percentile per-packet one-way delay: 94.762 ms

Loss rate: 1.01%

-- Flow 1:

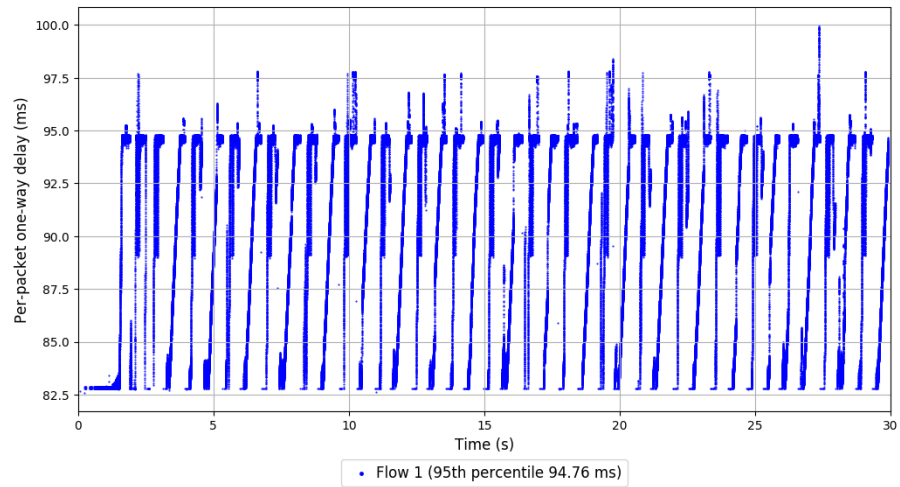
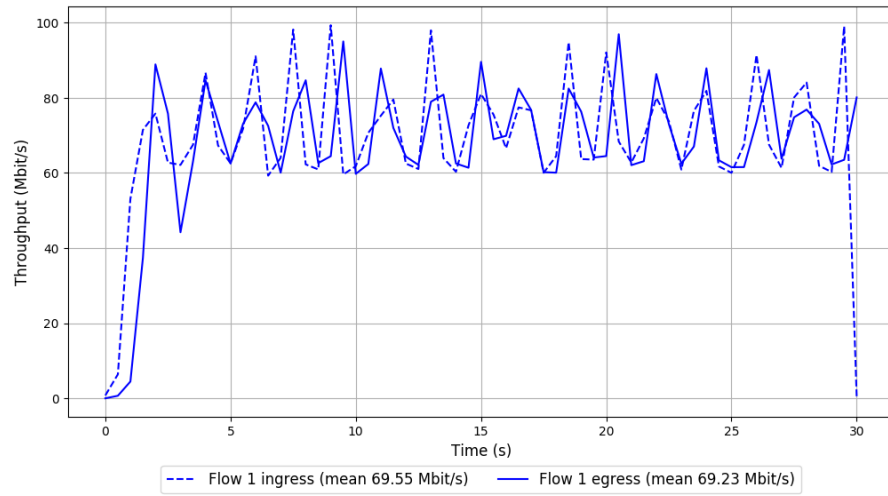
Average throughput: 69.23 Mbit/s

95th percentile per-packet one-way delay: 94.762 ms

Loss rate: 1.01%



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



Run 6: Statistics of TCP BBR

Start at: 2018-08-22 12:59:11

End at: 2018-08-22 12:59:41

Local clock offset: -2.947 ms

Remote clock offset: 2.034 ms

# Below is generated by plot.py at 2018-08-22 14:22:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 99.467 ms

Loss rate: 1.10%

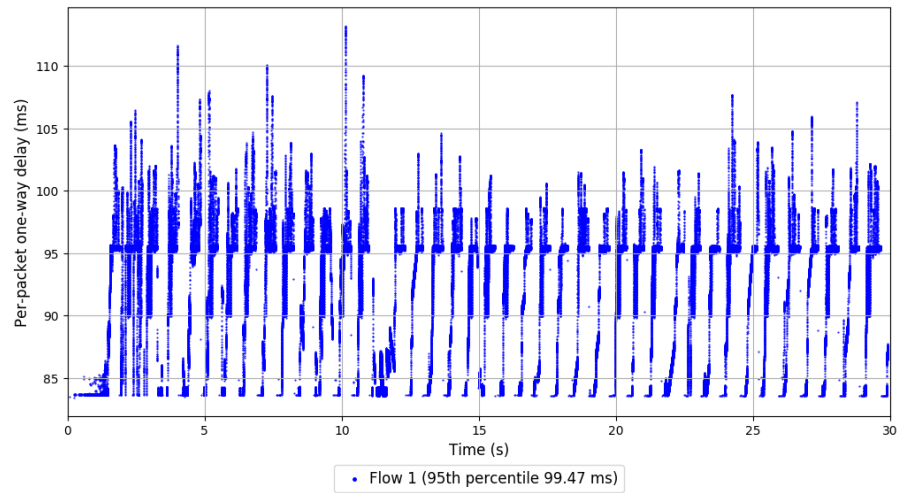
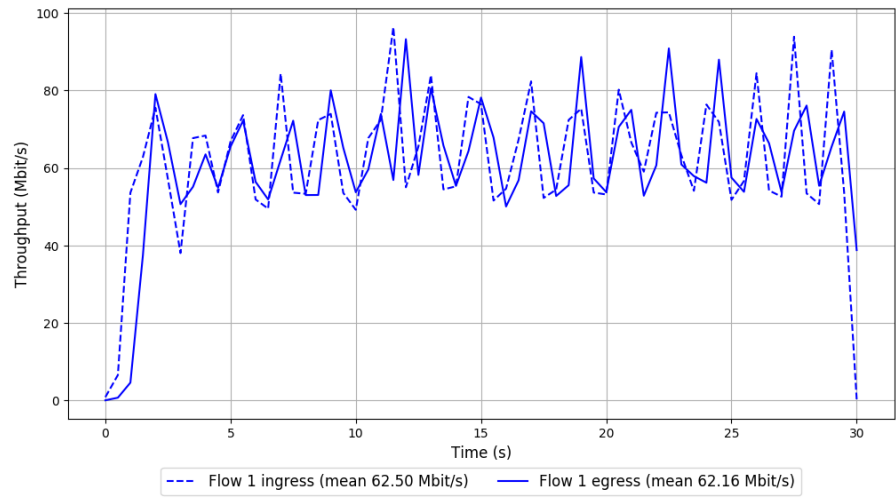
-- Flow 1:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 99.467 ms

Loss rate: 1.10%

# Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-08-22 13:18:59

End at: 2018-08-22 13:19:29

Local clock offset: -6.869 ms

Remote clock offset: 1.676 ms

# Below is generated by plot.py at 2018-08-22 14:22:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.67 Mbit/s

95th percentile per-packet one-way delay: 98.687 ms

Loss rate: 0.26%

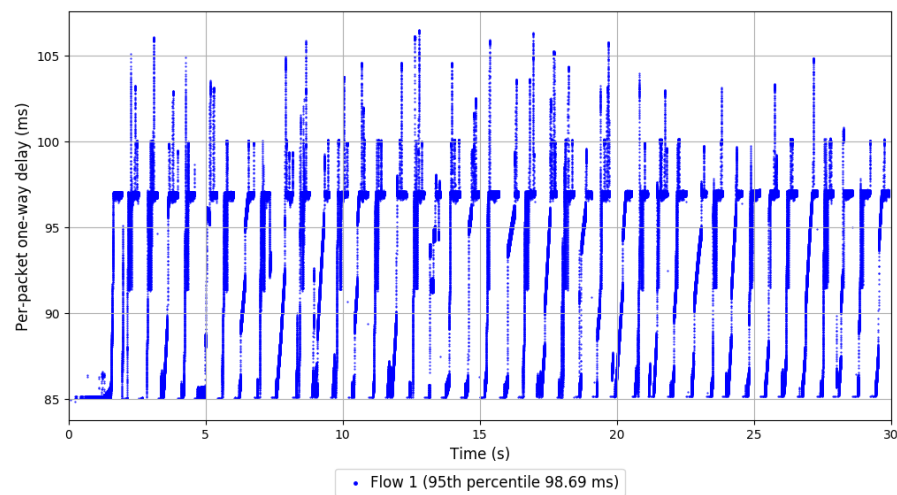
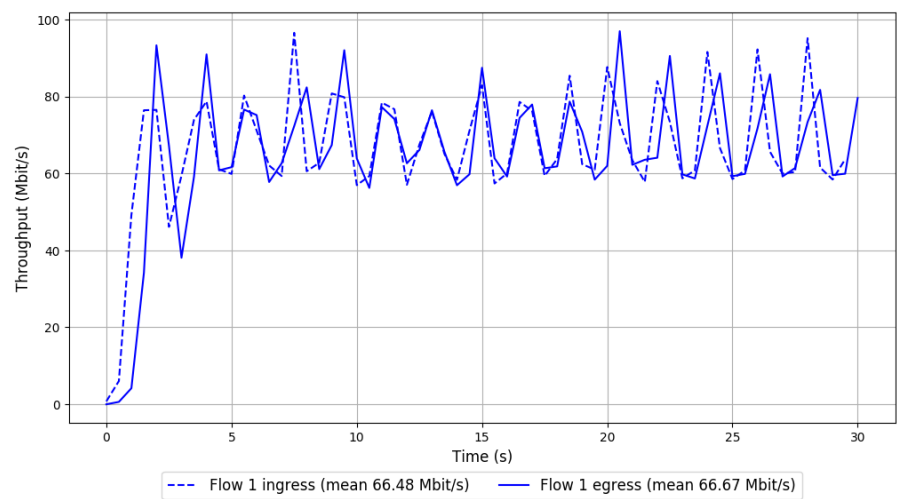
-- Flow 1:

Average throughput: 66.67 Mbit/s

95th percentile per-packet one-way delay: 98.687 ms

Loss rate: 0.26%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-08-22 13:38:48

End at: 2018-08-22 13:39:18

Local clock offset: -8.085 ms

Remote clock offset: 3.764 ms

# Below is generated by plot.py at 2018-08-22 14:22:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.94 Mbit/s

95th percentile per-packet one-way delay: 100.551 ms

Loss rate: 1.05%

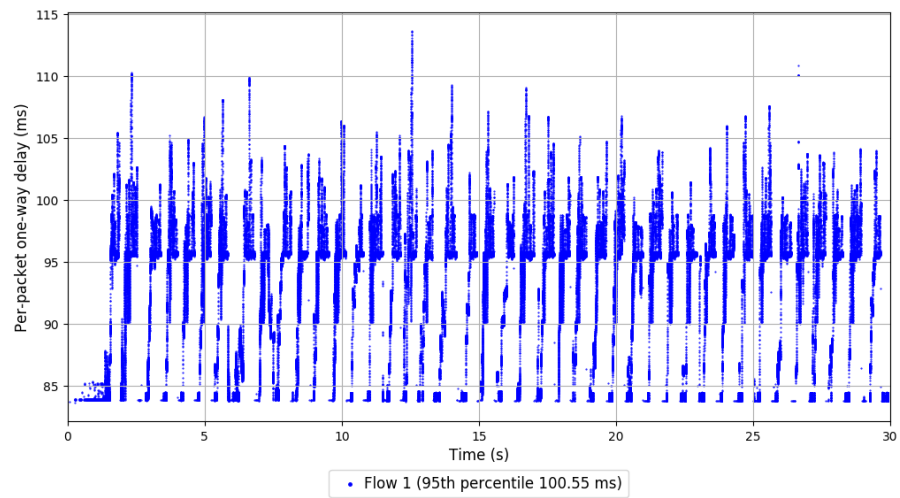
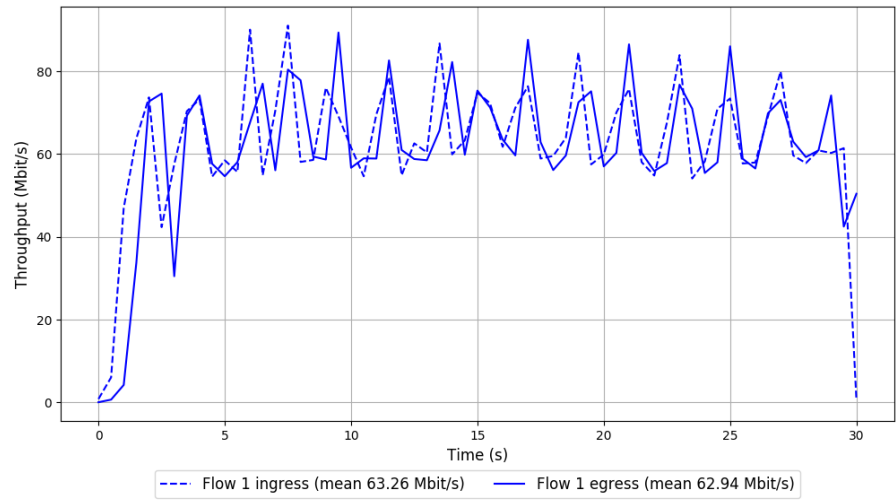
-- Flow 1:

Average throughput: 62.94 Mbit/s

95th percentile per-packet one-way delay: 100.551 ms

Loss rate: 1.05%

# Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-08-22 13:58:34

End at: 2018-08-22 13:59:04

Local clock offset: -8.111 ms

Remote clock offset: 2.188 ms

# Below is generated by plot.py at 2018-08-22 14:22:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.75 Mbit/s

95th percentile per-packet one-way delay: 100.507 ms

Loss rate: 0.97%

-- Flow 1:

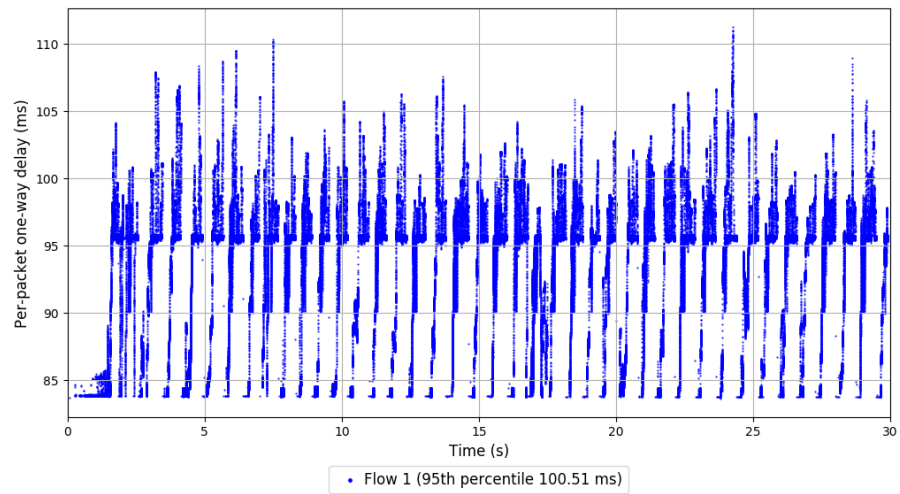
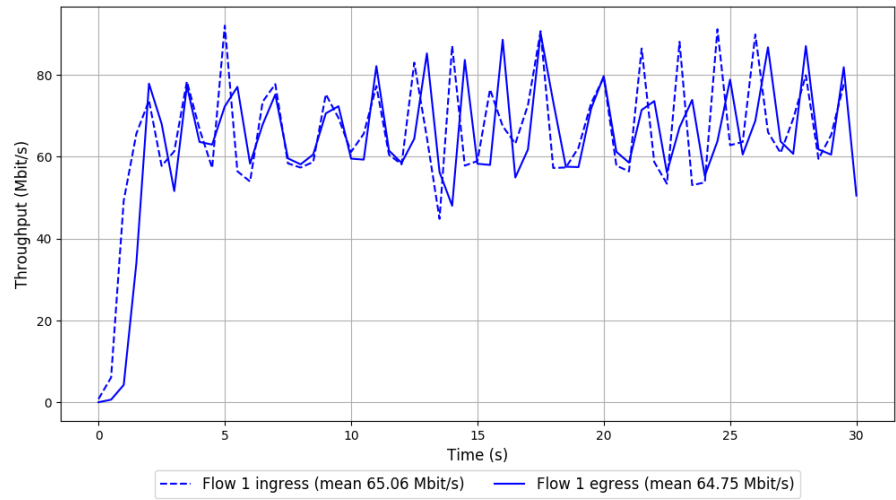
Average throughput: 64.75 Mbit/s

95th percentile per-packet one-way delay: 100.507 ms

Loss rate: 0.97%



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



Run 10: Statistics of TCP BBR

Start at: 2018-08-22 14:18:22

End at: 2018-08-22 14:18:52

Local clock offset: -5.214 ms

Remote clock offset: 2.504 ms

# Below is generated by plot.py at 2018-08-22 14:22:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.56 Mbit/s

95th percentile per-packet one-way delay: 97.670 ms

Loss rate: 1.03%

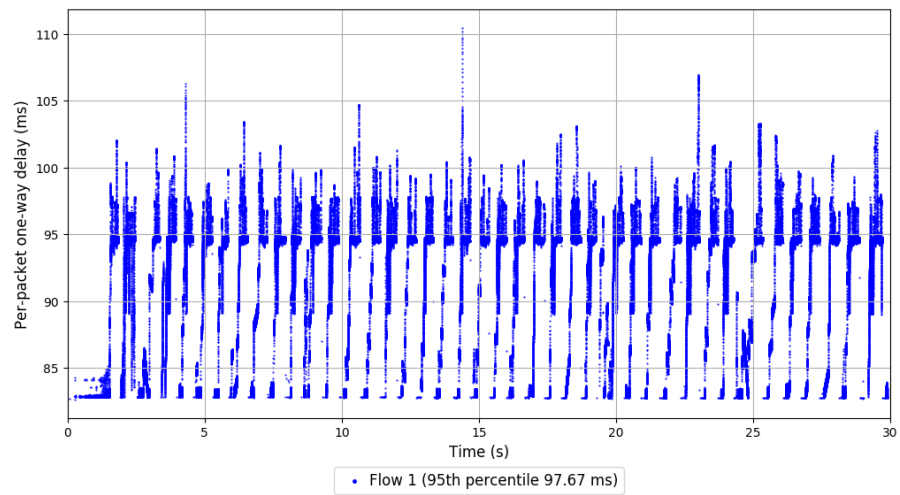
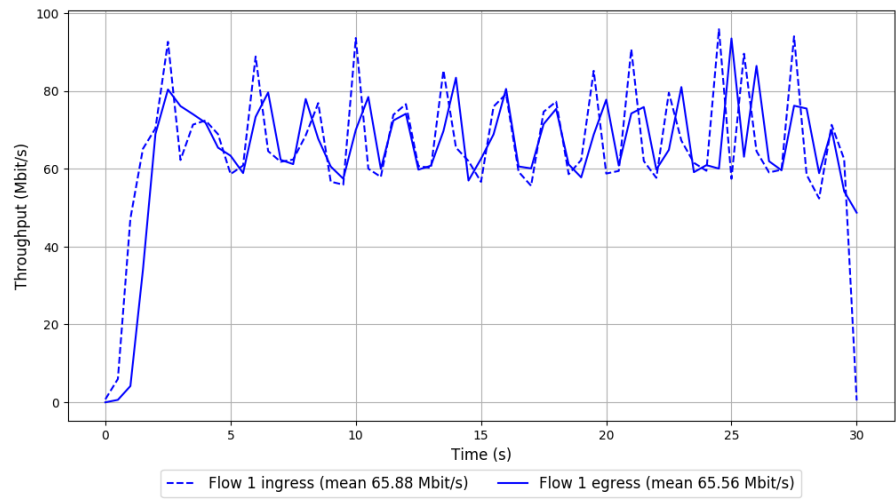
-- Flow 1:

Average throughput: 65.56 Mbit/s

95th percentile per-packet one-way delay: 97.670 ms

Loss rate: 1.03%

# Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-22 11:16:11

End at: 2018-08-22 11:16:41

Local clock offset: -5.219 ms

Remote clock offset: 8.174 ms

# Below is generated by plot.py at 2018-08-22 14:23:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.82 Mbit/s

95th percentile per-packet one-way delay: 92.100 ms

Loss rate: 0.79%

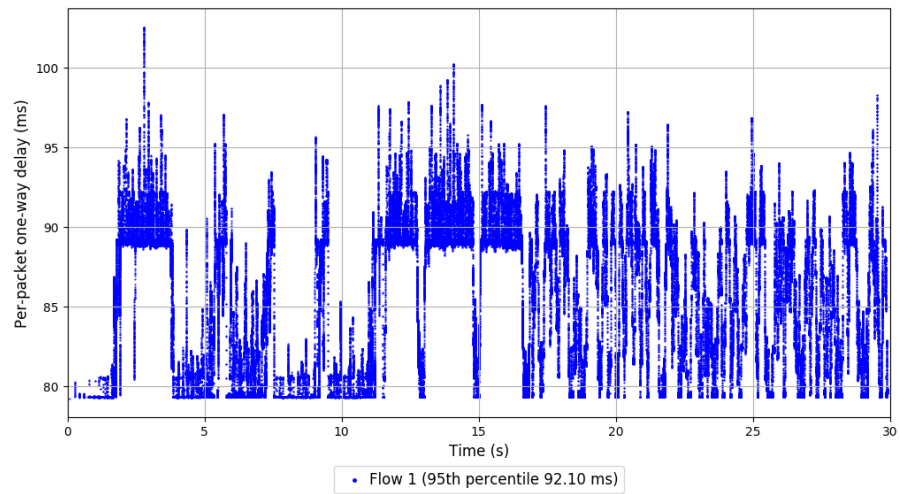
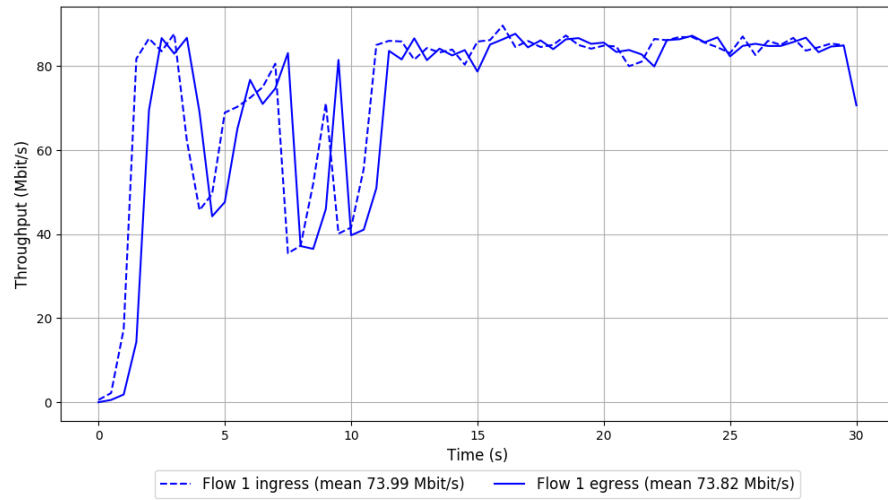
-- Flow 1:

Average throughput: 73.82 Mbit/s

95th percentile per-packet one-way delay: 92.100 ms

Loss rate: 0.79%

## Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-08-22 11:35:56

End at: 2018-08-22 11:36:27

Local clock offset: -5.562 ms

Remote clock offset: 6.626 ms

# Below is generated by plot.py at 2018-08-22 14:23:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.43 Mbit/s

95th percentile per-packet one-way delay: 92.338 ms

Loss rate: 0.60%

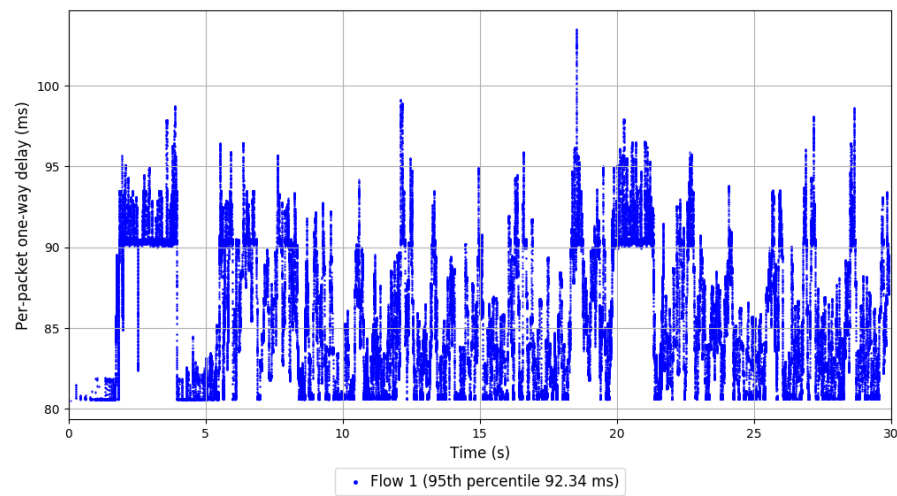
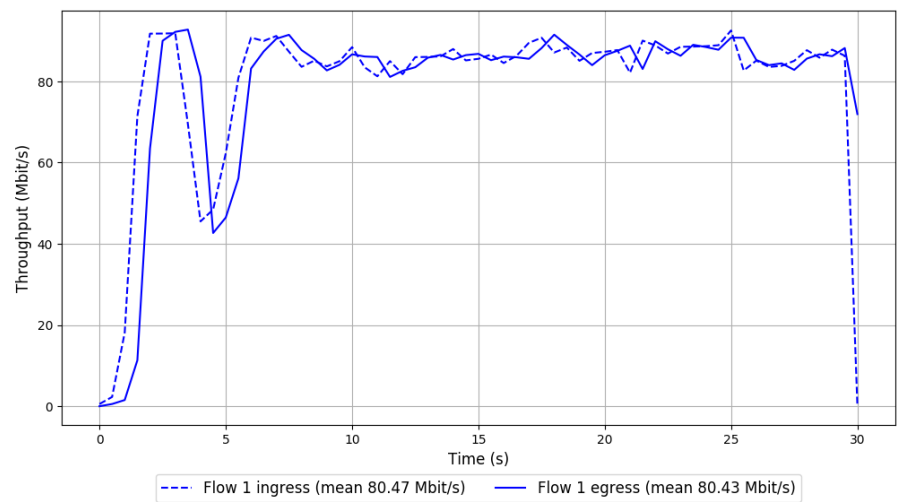
-- Flow 1:

Average throughput: 80.43 Mbit/s

95th percentile per-packet one-way delay: 92.338 ms

Loss rate: 0.60%

Run 2: Report of Copa — Data Link



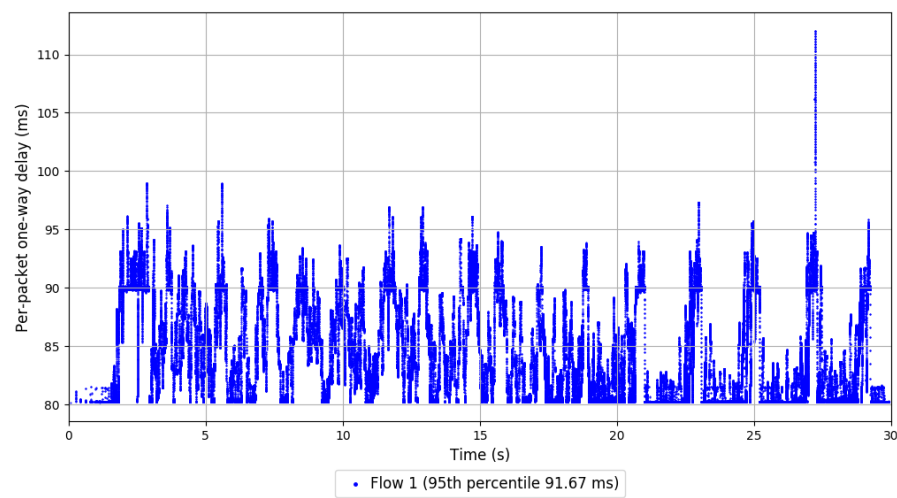
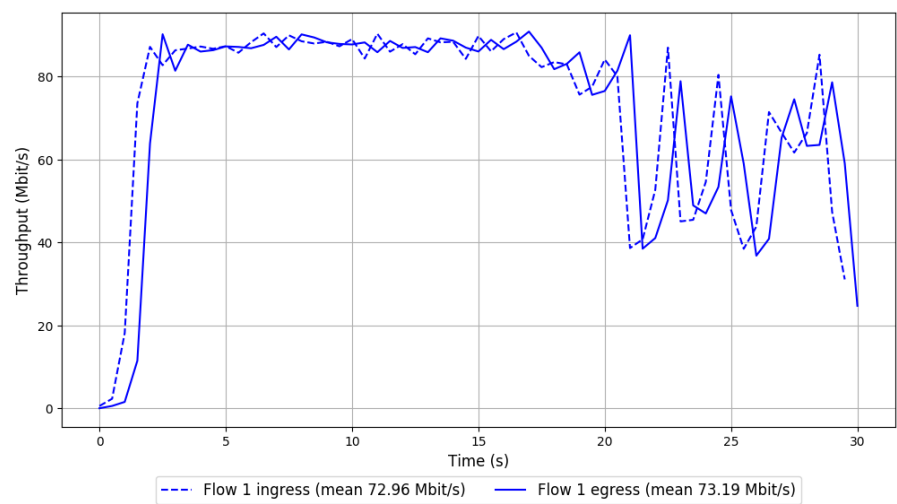
Run 3: Statistics of Copa

Start at: 2018-08-22 11:55:46  
End at: 2018-08-22 11:56:16  
Local clock offset: -4.891 ms  
Remote clock offset: 7.889 ms

# Below is generated by plot.py at 2018-08-22 14:23:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.19 Mbit/s  
95th percentile per-packet one-way delay: 91.672 ms  
Loss rate: 0.25%  
-- Flow 1:  
Average throughput: 73.19 Mbit/s  
95th percentile per-packet one-way delay: 91.672 ms  
Loss rate: 0.25%



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-08-22 12:15:45

End at: 2018-08-22 12:16:15

Local clock offset: -3.481 ms

Remote clock offset: 3.209 ms

# Below is generated by plot.py at 2018-08-22 14:23:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.96 Mbit/s

95th percentile per-packet one-way delay: 100.002 ms

Loss rate: 4.36%

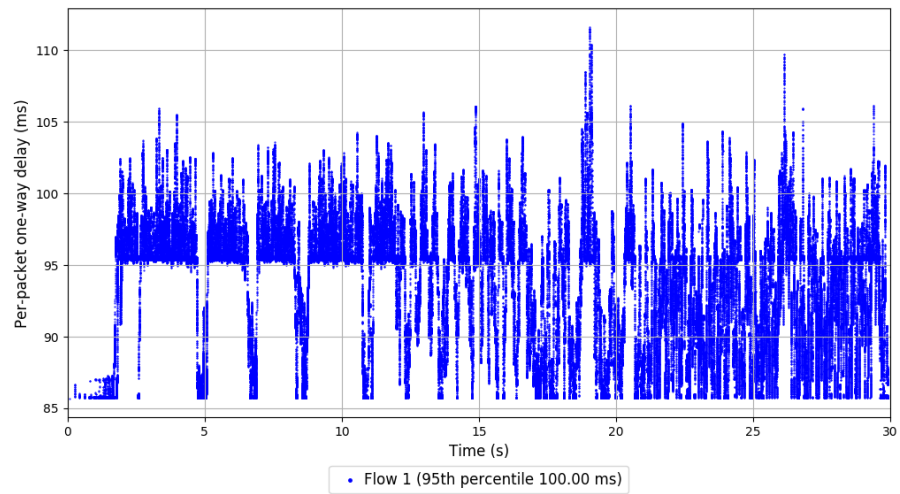
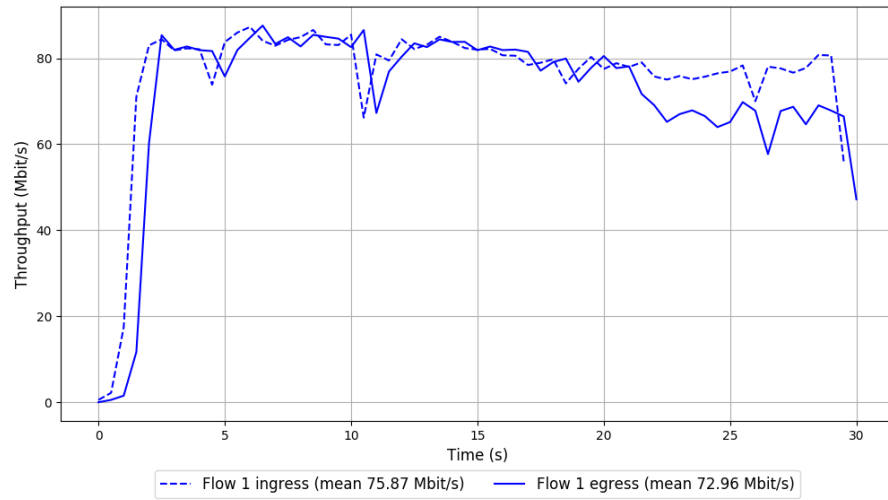
-- Flow 1:

Average throughput: 72.96 Mbit/s

95th percentile per-packet one-way delay: 100.002 ms

Loss rate: 4.36%

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



Run 5: Statistics of Copa

Start at: 2018-08-22 12:35:42

End at: 2018-08-22 12:36:12

Local clock offset: -4.654 ms

Remote clock offset: 7.069 ms

# Below is generated by plot.py at 2018-08-22 14:23:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.21 Mbit/s

95th percentile per-packet one-way delay: 89.826 ms

Loss rate: 10.11%

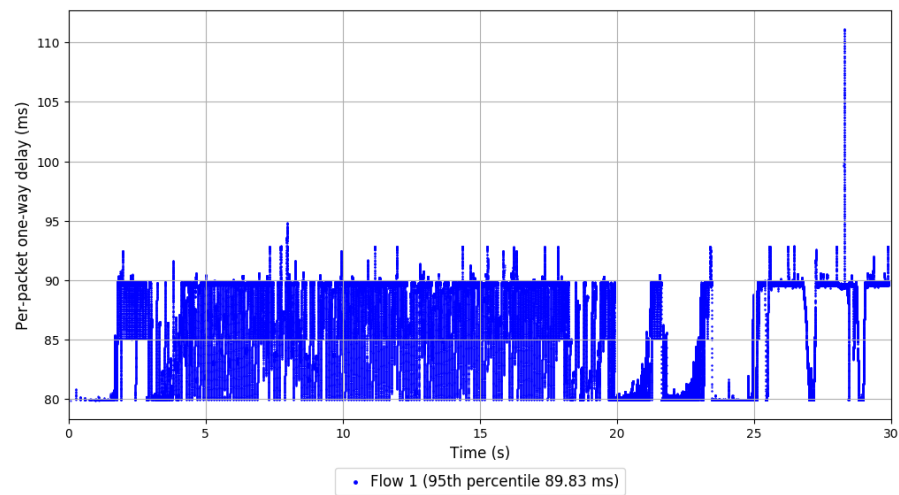
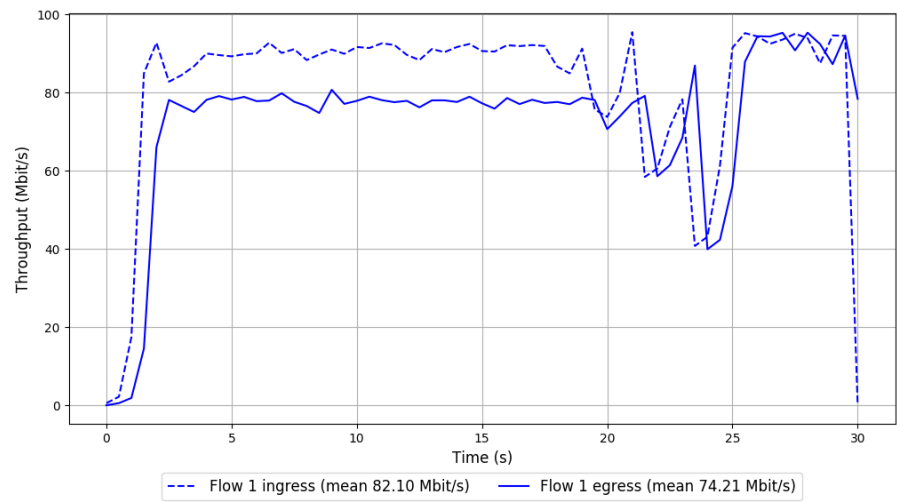
-- Flow 1:

Average throughput: 74.21 Mbit/s

95th percentile per-packet one-way delay: 89.826 ms

Loss rate: 10.11%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-08-22 12:55:41

End at: 2018-08-22 12:56:11

Local clock offset: -3.002 ms

Remote clock offset: 3.262 ms

# Below is generated by plot.py at 2018-08-22 14:23:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.16 Mbit/s

95th percentile per-packet one-way delay: 96.513 ms

Loss rate: 0.66%

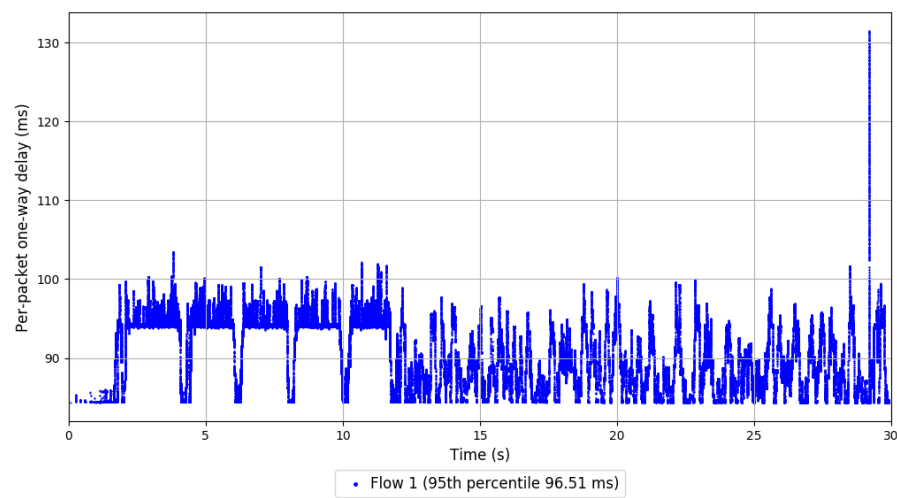
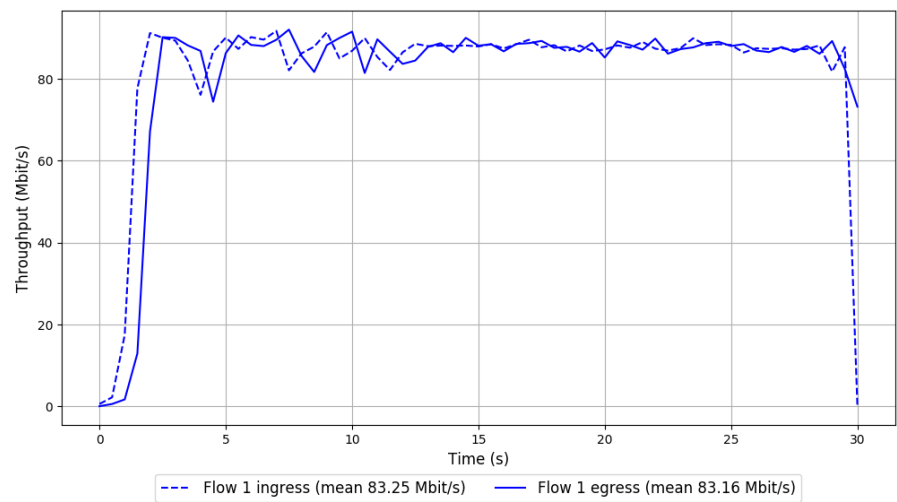
-- Flow 1:

Average throughput: 83.16 Mbit/s

95th percentile per-packet one-way delay: 96.513 ms

Loss rate: 0.66%

Run 6: Report of Copa — Data Link



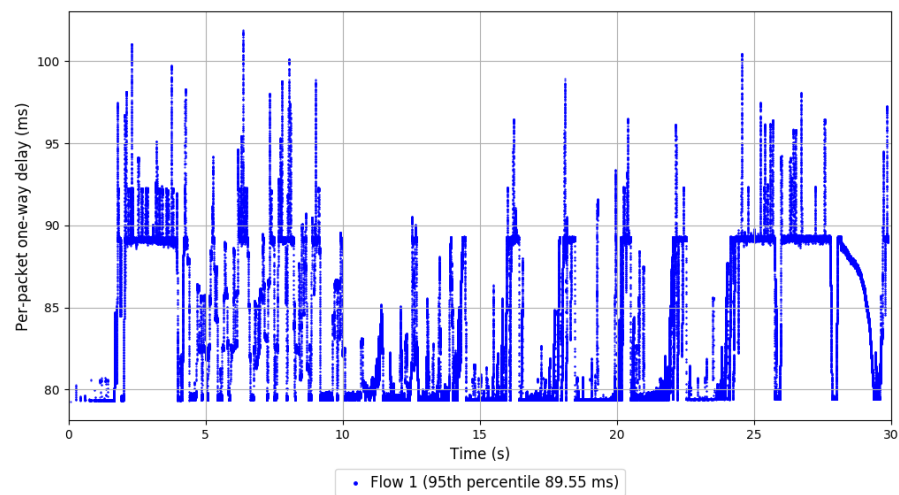
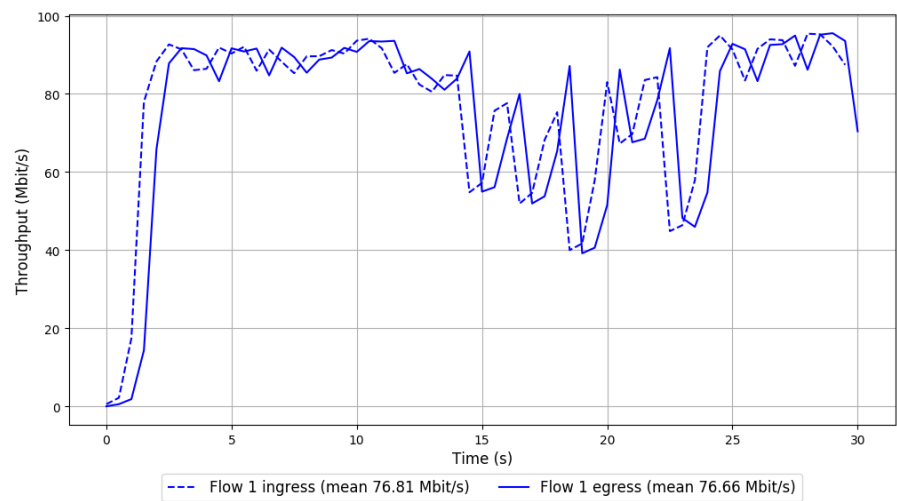
Run 7: Statistics of Copa

Start at: 2018-08-22 13:15:30  
End at: 2018-08-22 13:16:00  
Local clock offset: -7.104 ms  
Remote clock offset: 6.516 ms

# Below is generated by plot.py at 2018-08-22 14:24:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.66 Mbit/s  
95th percentile per-packet one-way delay: 89.551 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 76.66 Mbit/s  
95th percentile per-packet one-way delay: 89.551 ms  
Loss rate: 0.75%



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-08-22 13:35:18

End at: 2018-08-22 13:35:48

Local clock offset: -7.478 ms

Remote clock offset: 2.571 ms

# Below is generated by plot.py at 2018-08-22 14:24:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.75 Mbit/s

95th percentile per-packet one-way delay: 98.126 ms

Loss rate: 0.69%

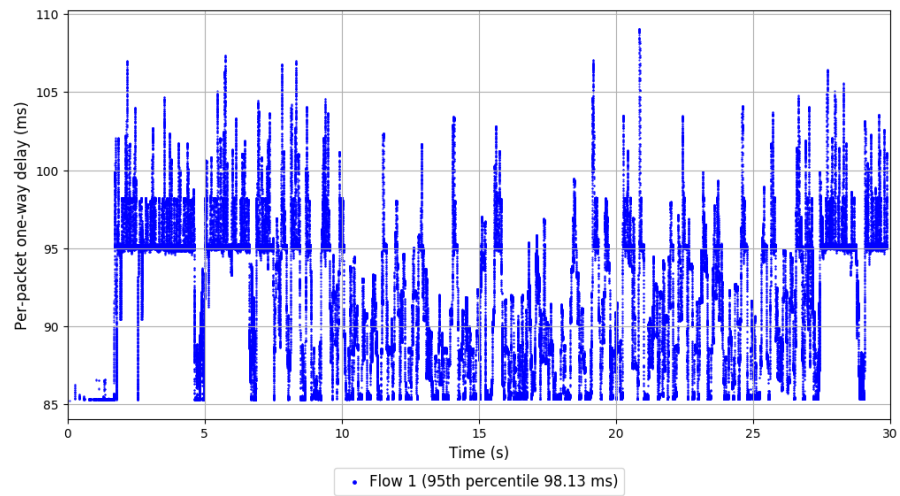
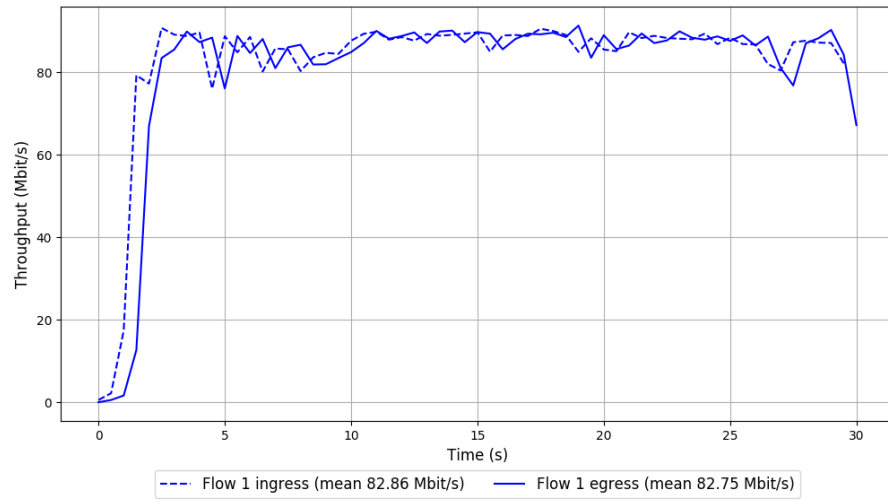
-- Flow 1:

Average throughput: 82.75 Mbit/s

95th percentile per-packet one-way delay: 98.126 ms

Loss rate: 0.69%

### Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-08-22 13:55:04

End at: 2018-08-22 13:55:34

Local clock offset: -7.359 ms

Remote clock offset: 8.424 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.63 Mbit/s

95th percentile per-packet one-way delay: 90.969 ms

Loss rate: 0.61%

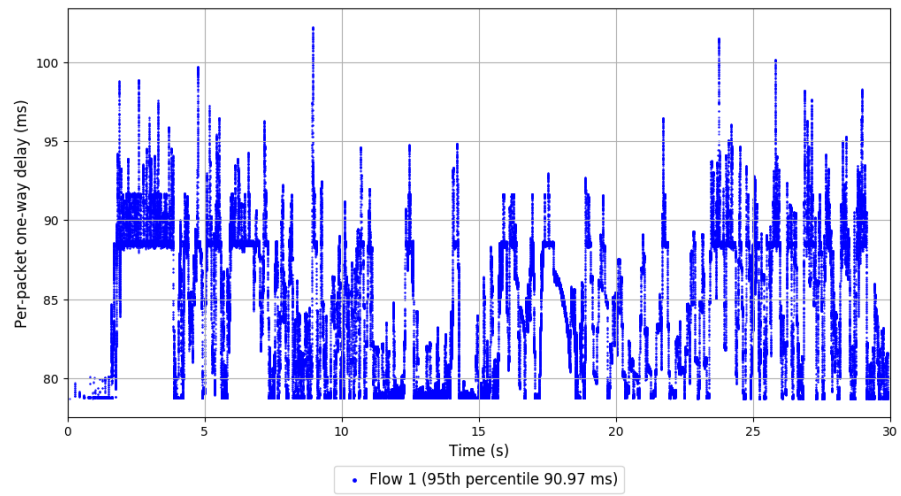
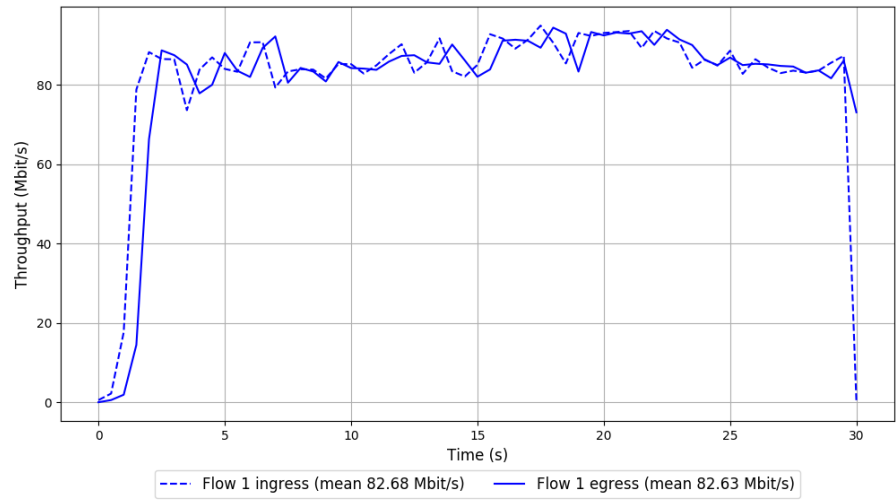
-- Flow 1:

Average throughput: 82.63 Mbit/s

95th percentile per-packet one-way delay: 90.969 ms

Loss rate: 0.61%

### Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-08-22 14:14:52

End at: 2018-08-22 14:15:22

Local clock offset: -4.958 ms

Remote clock offset: 7.506 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.96 Mbit/s

95th percentile per-packet one-way delay: 91.355 ms

Loss rate: 0.63%

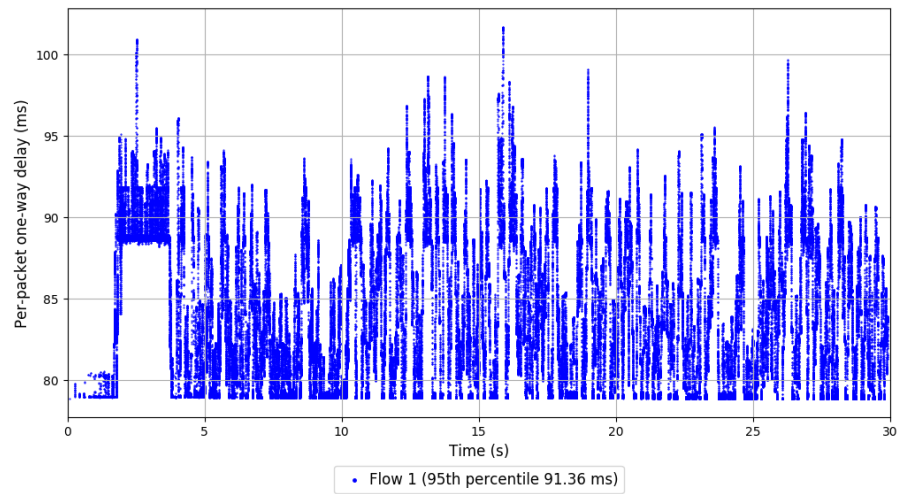
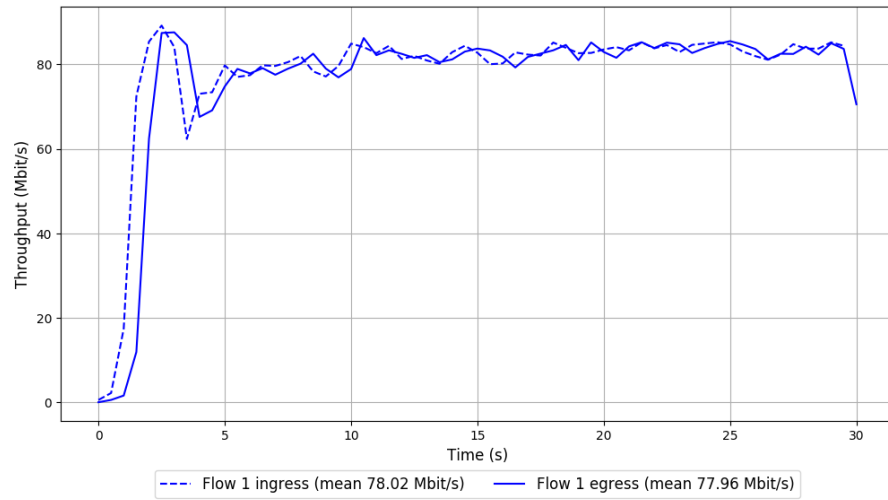
-- Flow 1:

Average throughput: 77.96 Mbit/s

95th percentile per-packet one-way delay: 91.355 ms

Loss rate: 0.63%

# Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-08-22 11:04:34

End at: 2018-08-22 11:05:04

Local clock offset: -3.721 ms

Remote clock offset: 5.367 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.10 Mbit/s

95th percentile per-packet one-way delay: 93.332 ms

Loss rate: 0.56%

-- Flow 1:

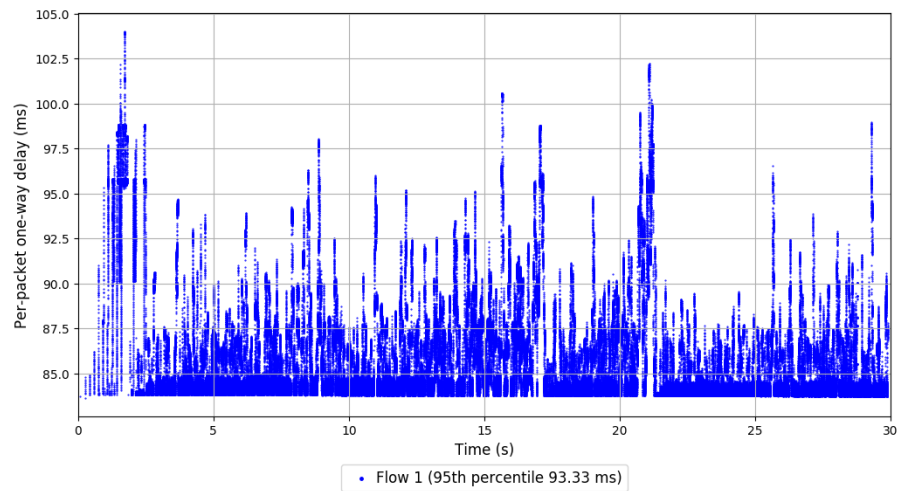
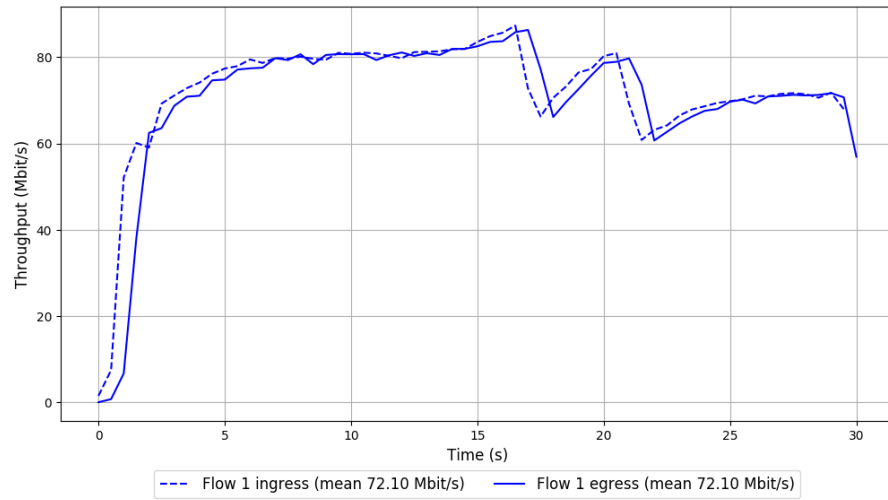
Average throughput: 72.10 Mbit/s

95th percentile per-packet one-way delay: 93.332 ms

Loss rate: 0.56%



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



Run 2: Statistics of TCP Cubic

Start at: 2018-08-22 11:24:23

End at: 2018-08-22 11:24:53

Local clock offset: -4.761 ms

Remote clock offset: 3.066 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.95 Mbit/s

95th percentile per-packet one-way delay: 93.891 ms

Loss rate: 0.66%

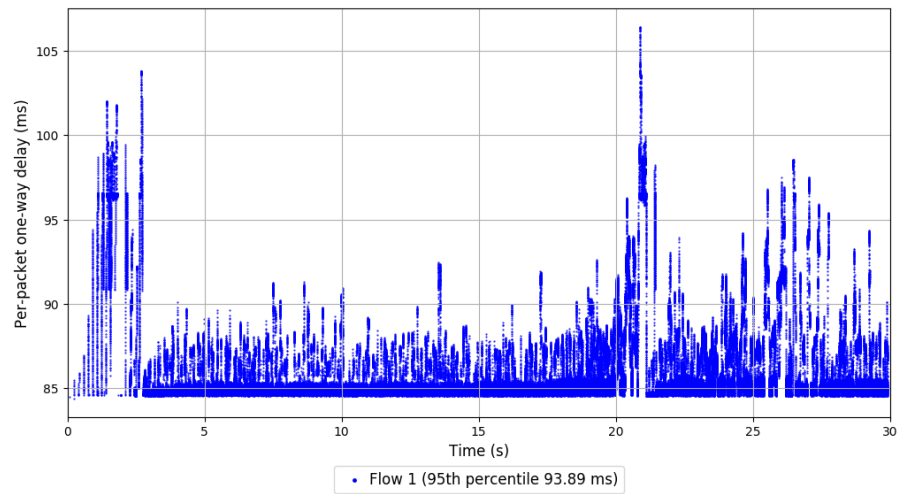
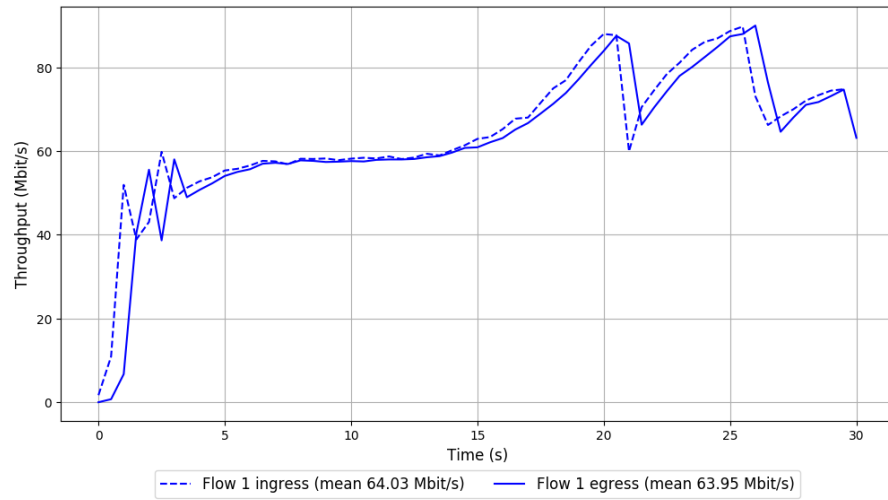
-- Flow 1:

Average throughput: 63.95 Mbit/s

95th percentile per-packet one-way delay: 93.891 ms

Loss rate: 0.66%

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



Run 3: Statistics of TCP Cubic

Start at: 2018-08-22 11:44:10

End at: 2018-08-22 11:44:40

Local clock offset: -4.818 ms

Remote clock offset: 2.945 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.07 Mbit/s

95th percentile per-packet one-way delay: 92.422 ms

Loss rate: 0.56%

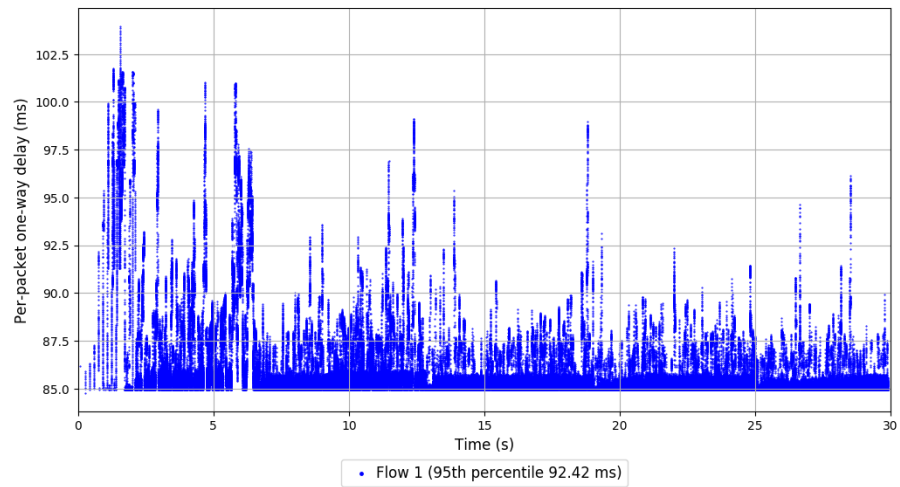
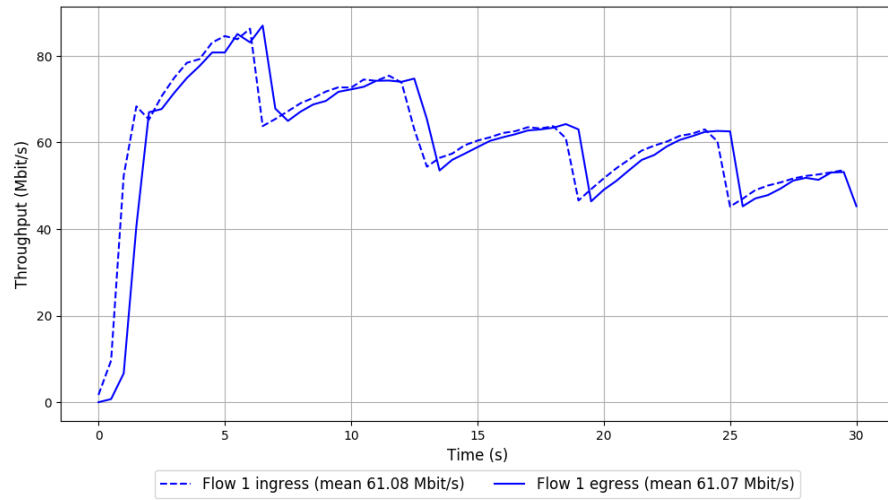
-- Flow 1:

Average throughput: 61.07 Mbit/s

95th percentile per-packet one-way delay: 92.422 ms

Loss rate: 0.56%

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



Run 4: Statistics of TCP Cubic

Start at: 2018-08-22 12:03:59

End at: 2018-08-22 12:04:29

Local clock offset: -4.031 ms

Remote clock offset: 6.821 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.22 Mbit/s

95th percentile per-packet one-way delay: 92.467 ms

Loss rate: 0.55%

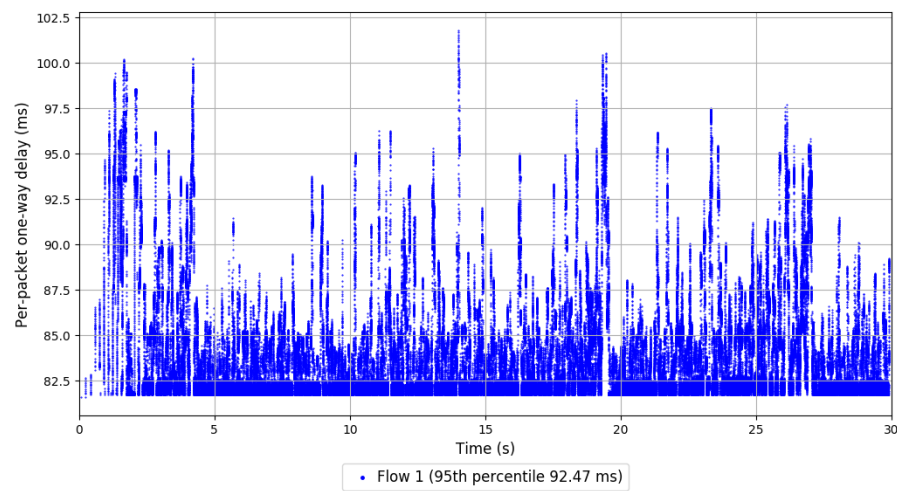
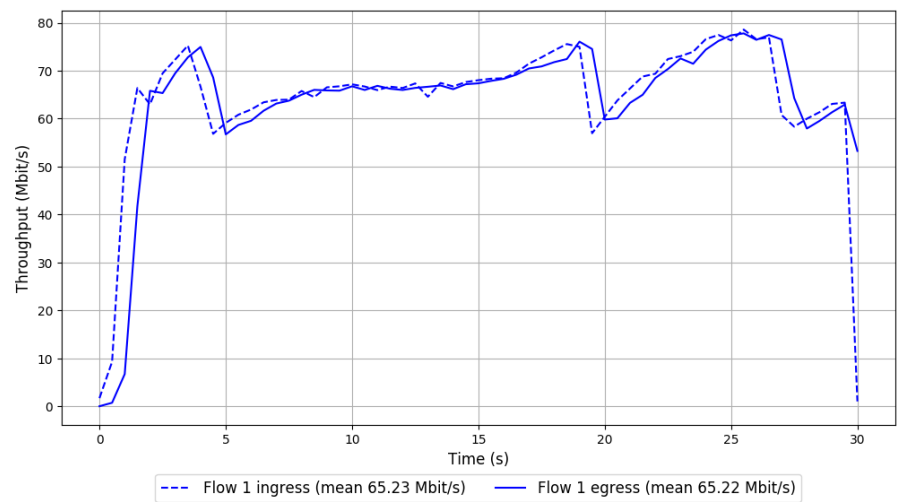
-- Flow 1:

Average throughput: 65.22 Mbit/s

95th percentile per-packet one-way delay: 92.467 ms

Loss rate: 0.55%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-08-22 12:24:07

End at: 2018-08-22 12:24:37

Local clock offset: -4.835 ms

Remote clock offset: 4.301 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.05 Mbit/s

95th percentile per-packet one-way delay: 90.421 ms

Loss rate: 0.57%

-- Flow 1:

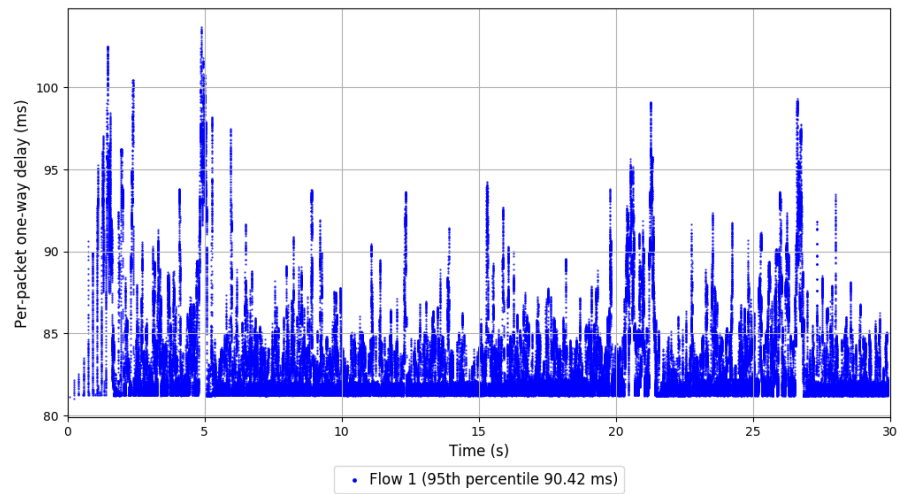
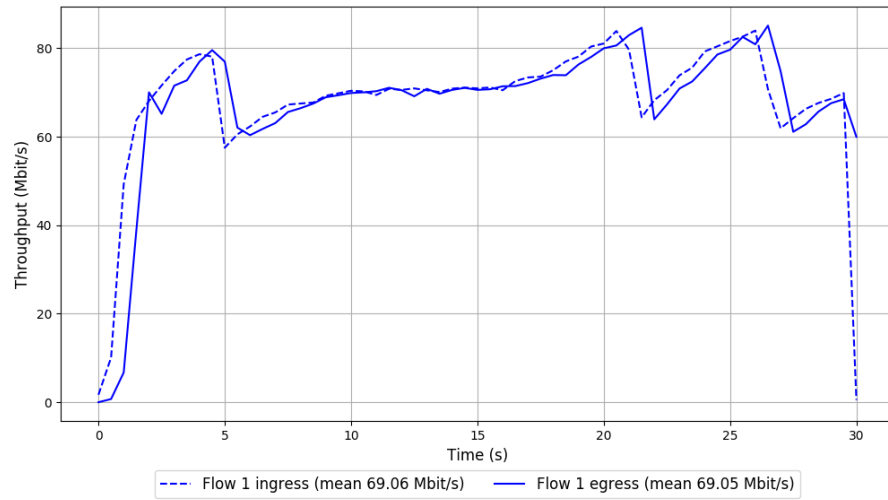
Average throughput: 69.05 Mbit/s

95th percentile per-packet one-way delay: 90.421 ms

Loss rate: 0.57%



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



Run 6: Statistics of TCP Cubic

Start at: 2018-08-22 12:43:56

End at: 2018-08-22 12:44:26

Local clock offset: -4.659 ms

Remote clock offset: 9.239 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.70 Mbit/s

95th percentile per-packet one-way delay: 85.024 ms

Loss rate: 0.55%

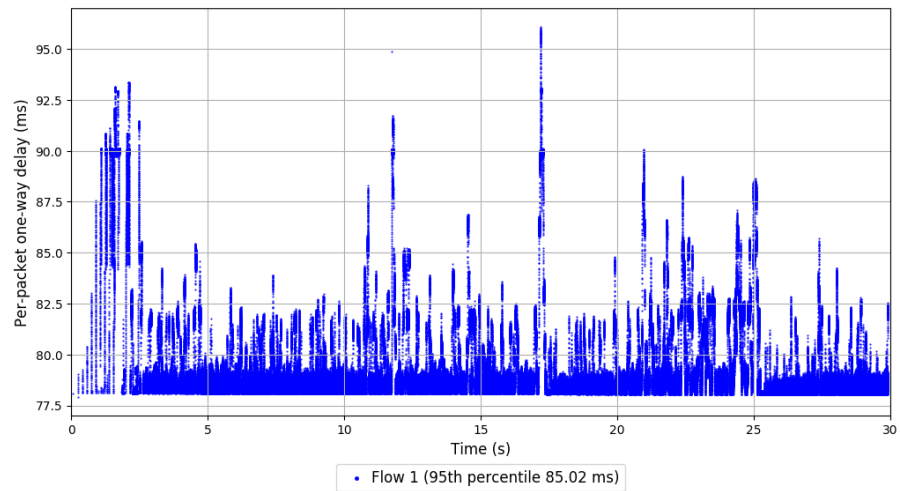
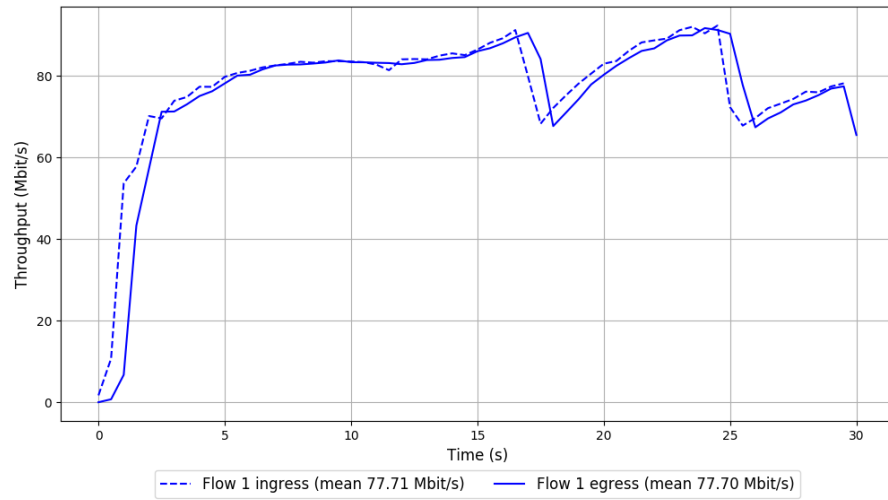
-- Flow 1:

Average throughput: 77.70 Mbit/s

95th percentile per-packet one-way delay: 85.024 ms

Loss rate: 0.55%

# Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-08-22 13:03:54

End at: 2018-08-22 13:04:24

Local clock offset: -3.722 ms

Remote clock offset: 1.799 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.85 Mbit/s

95th percentile per-packet one-way delay: 90.701 ms

Loss rate: 0.52%

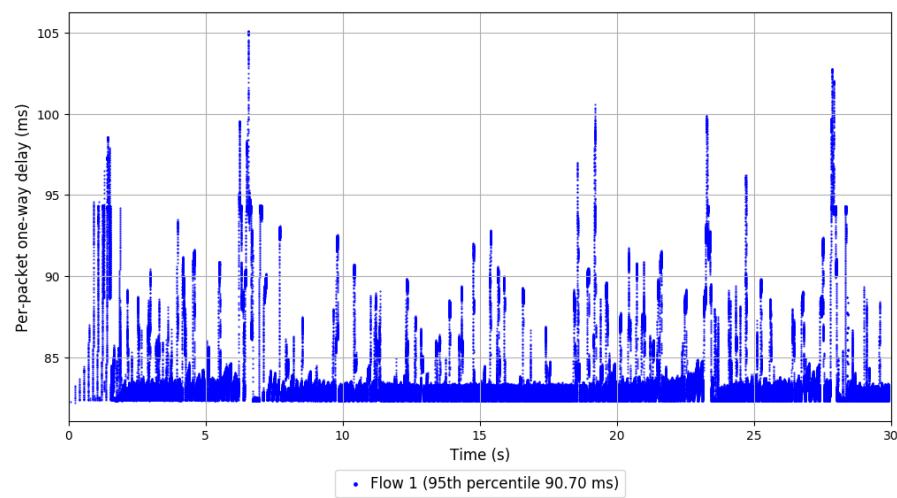
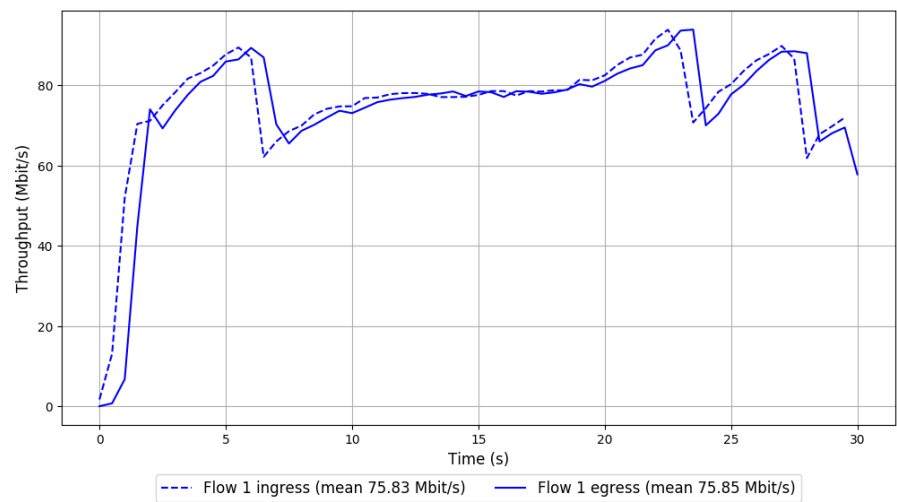
-- Flow 1:

Average throughput: 75.85 Mbit/s

95th percentile per-packet one-way delay: 90.701 ms

Loss rate: 0.52%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-08-22 13:23:42

End at: 2018-08-22 13:24:12

Local clock offset: -8.224 ms

Remote clock offset: 3.108 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.68 Mbit/s

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

Loss rate: 0.44%

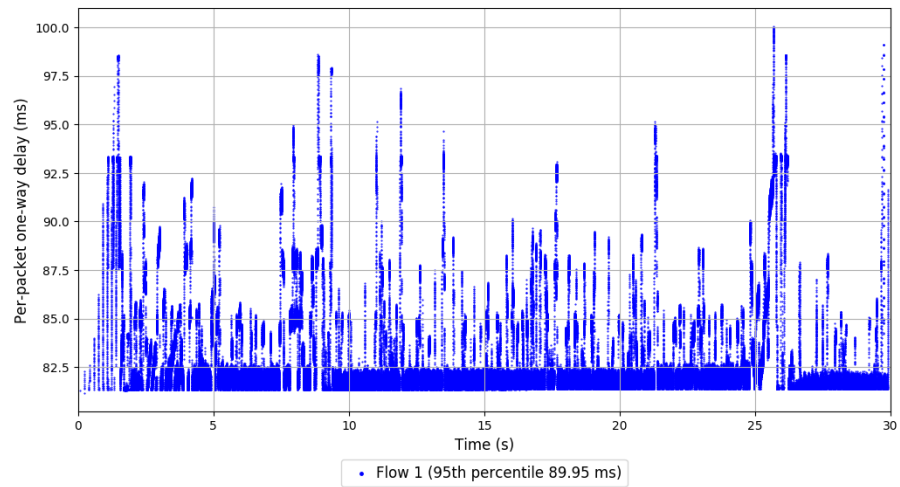
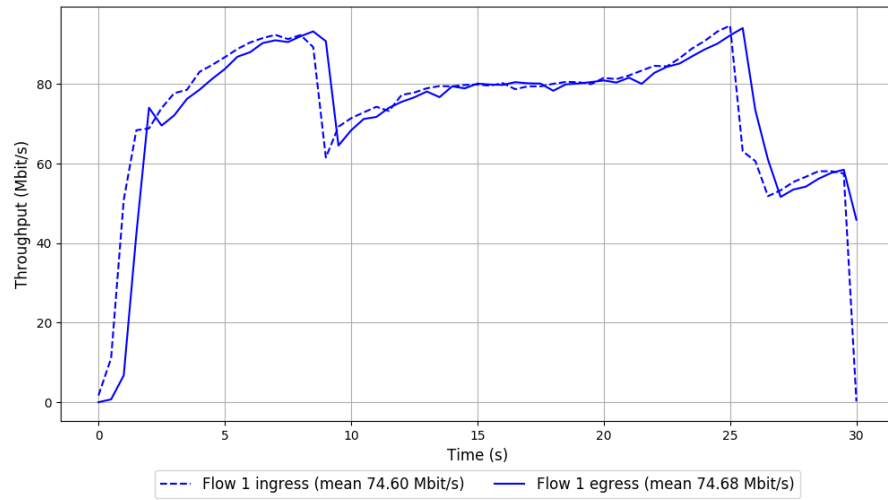
-- Flow 1:

Average throughput: 74.68 Mbit/s

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

Loss rate: 0.44%

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



Run 9: Statistics of TCP Cubic

Start at: 2018-08-22 13:43:29

End at: 2018-08-22 13:43:59

Local clock offset: -7.667 ms

Remote clock offset: 2.679 ms

# Below is generated by plot.py at 2018-08-22 14:25:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.21 Mbit/s

95th percentile per-packet one-way delay: 95.549 ms

Loss rate: 0.50%

-- Flow 1:

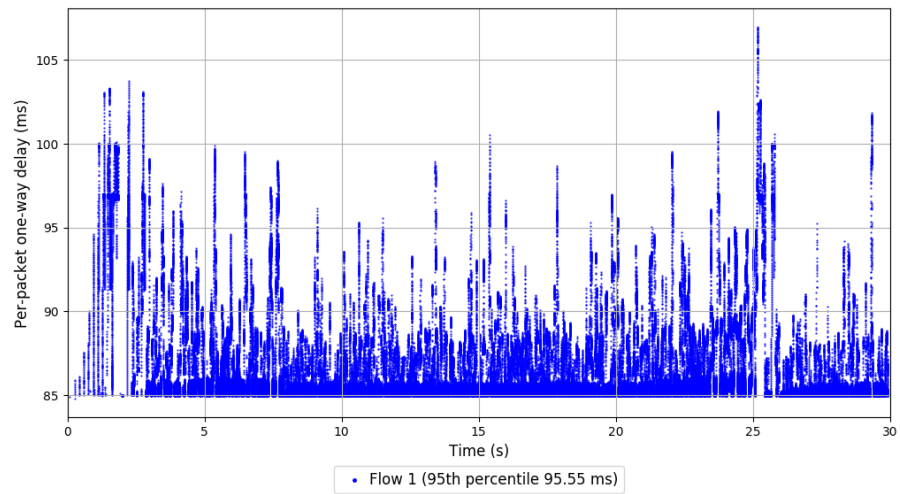
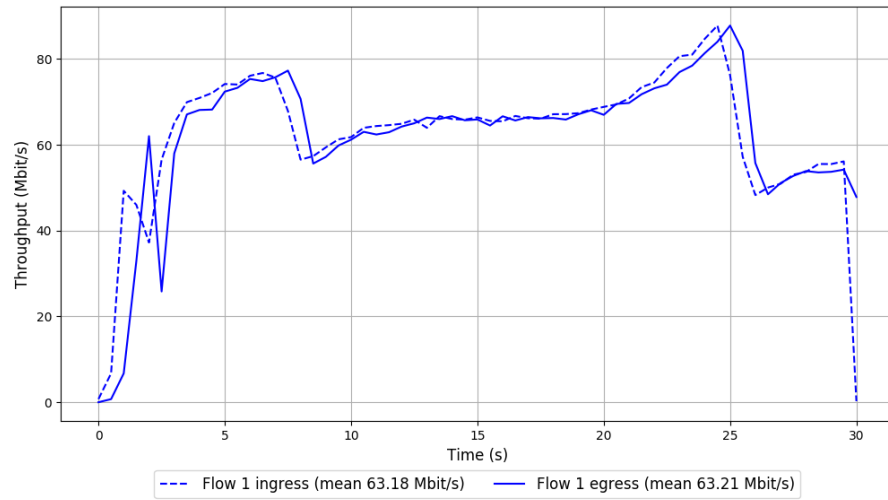
Average throughput: 63.21 Mbit/s

95th percentile per-packet one-way delay: 95.549 ms

Loss rate: 0.50%



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



Run 10: Statistics of TCP Cubic

Start at: 2018-08-22 14:03:17

End at: 2018-08-22 14:03:47

Local clock offset: -7.336 ms

Remote clock offset: 2.92 ms

# Below is generated by plot.py at 2018-08-22 14:25:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.53 Mbit/s

95th percentile per-packet one-way delay: 93.297 ms

Loss rate: 0.82%

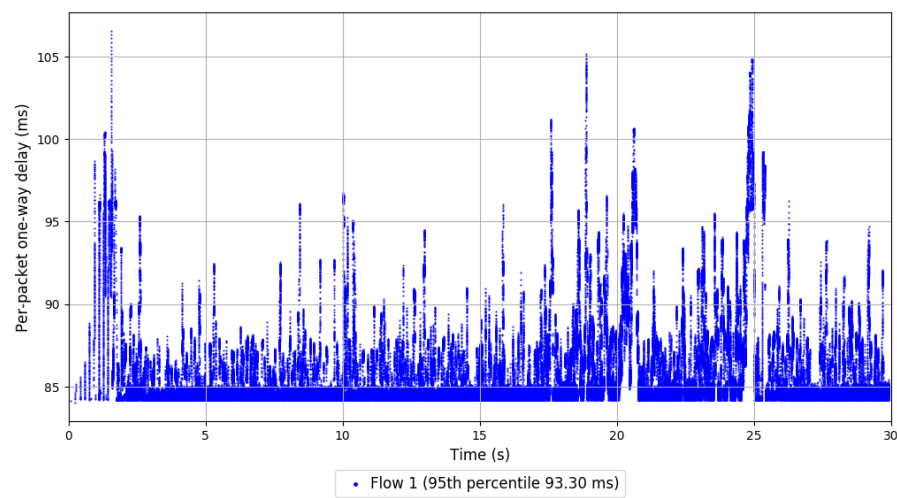
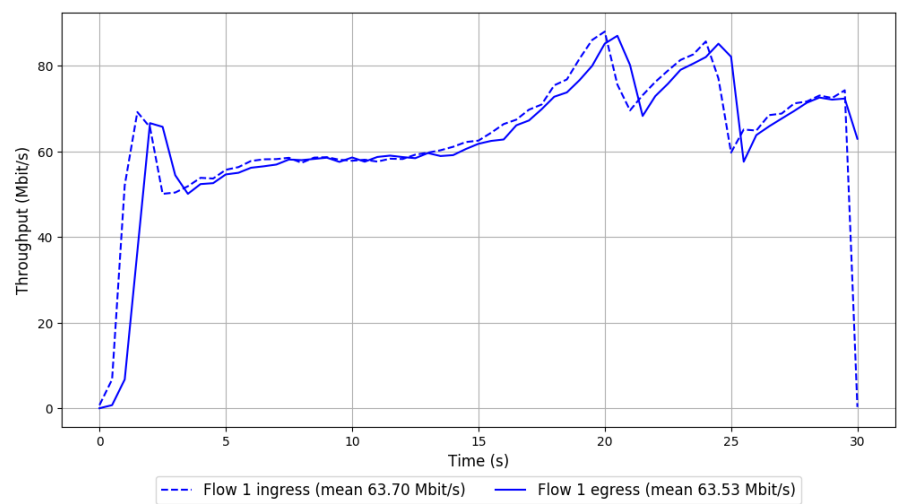
-- Flow 1:

Average throughput: 63.53 Mbit/s

95th percentile per-packet one-way delay: 93.297 ms

Loss rate: 0.82%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-08-22 11:09:07

End at: 2018-08-22 11:09:37

Local clock offset: -3.968 ms

Remote clock offset: 3.681 ms

# Below is generated by plot.py at 2018-08-22 14:26:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.23 Mbit/s

95th percentile per-packet one-way delay: 97.116 ms

Loss rate: 4.13%

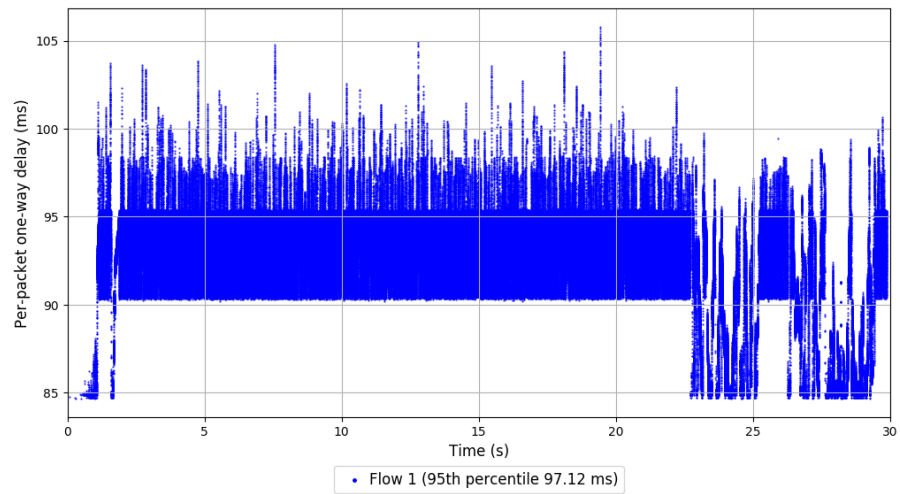
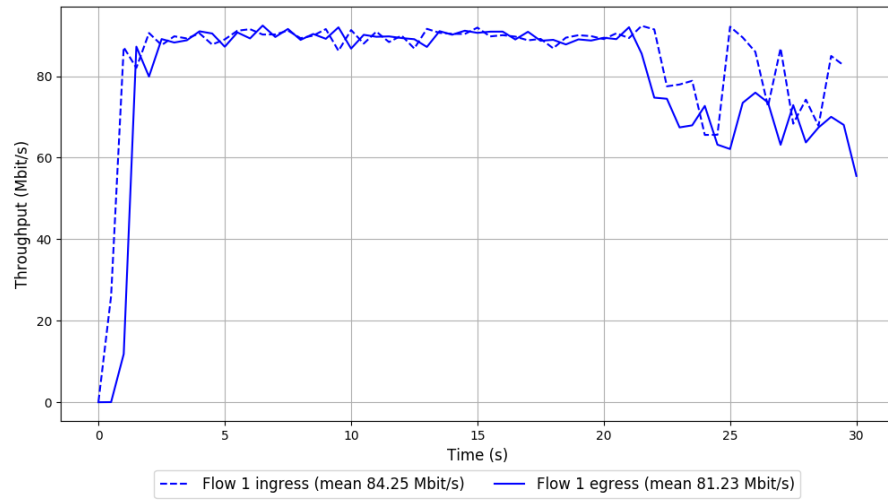
-- Flow 1:

Average throughput: 81.23 Mbit/s

95th percentile per-packet one-way delay: 97.116 ms

Loss rate: 4.13%

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



Run 2: Statistics of FillP

Start at: 2018-08-22 11:28:55

End at: 2018-08-22 11:29:25

Local clock offset: -4.834 ms

Remote clock offset: 7.676 ms

# Below is generated by plot.py at 2018-08-22 14:26:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.72 Mbit/s

95th percentile per-packet one-way delay: 93.413 ms

Loss rate: 0.60%

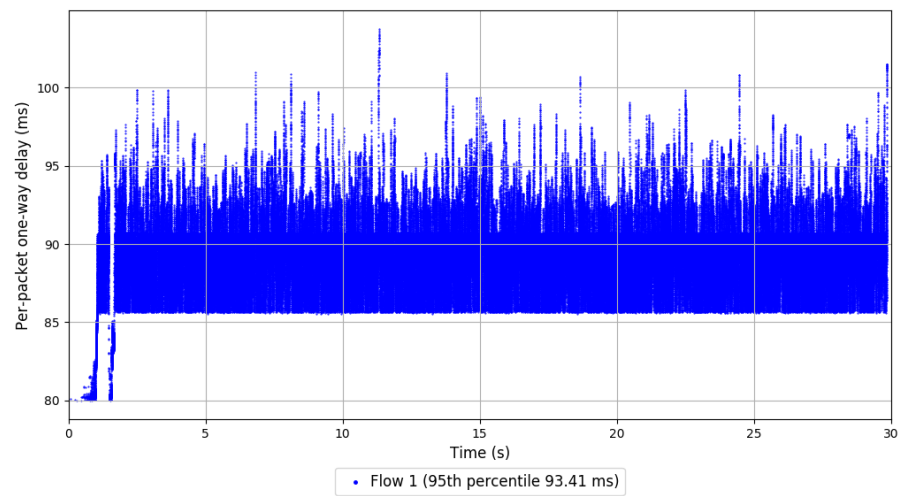
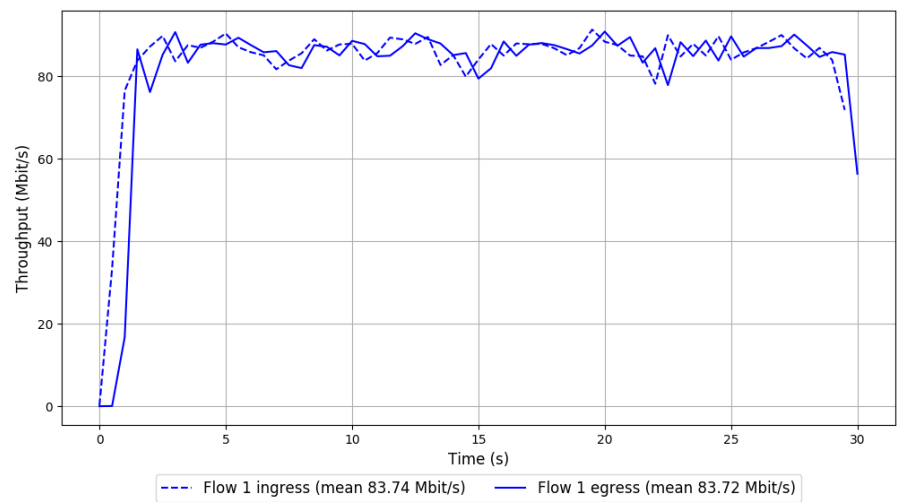
-- Flow 1:

Average throughput: 83.72 Mbit/s

95th percentile per-packet one-way delay: 93.413 ms

Loss rate: 0.60%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-08-22 11:48:43

End at: 2018-08-22 11:49:13

Local clock offset: -5.669 ms

Remote clock offset: 7.889 ms

# Below is generated by plot.py at 2018-08-22 14:26:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.04 Mbit/s

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

Loss rate: 0.58%

-- Flow 1:

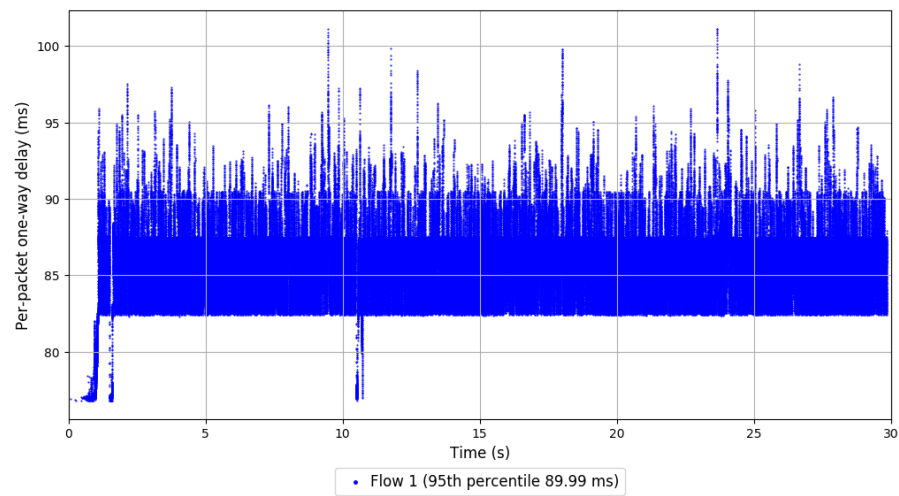
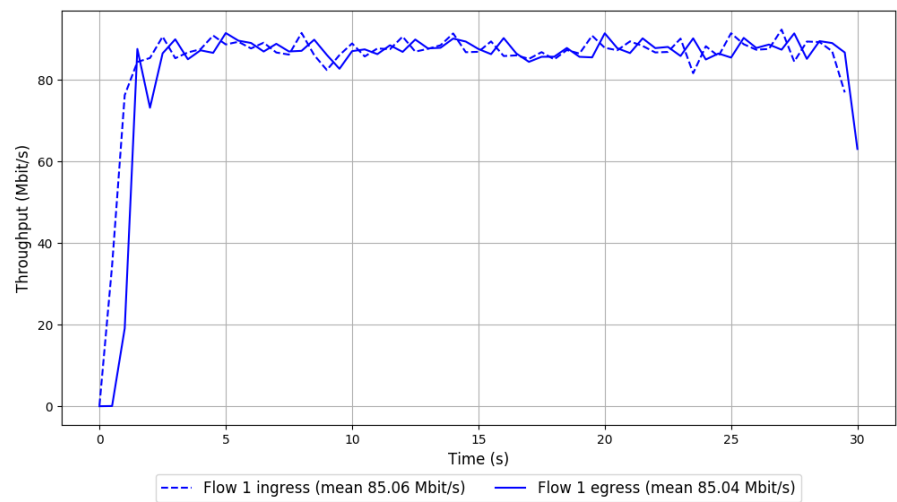
Average throughput: 85.04 Mbit/s

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

Loss rate: 0.58%



Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-08-22 12:08:32

End at: 2018-08-22 12:09:02

Local clock offset: -4.672 ms

Remote clock offset: 7.951 ms

# Below is generated by plot.py at 2018-08-22 14:26:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.89 Mbit/s

95th percentile per-packet one-way delay: 92.113 ms

Loss rate: 0.56%

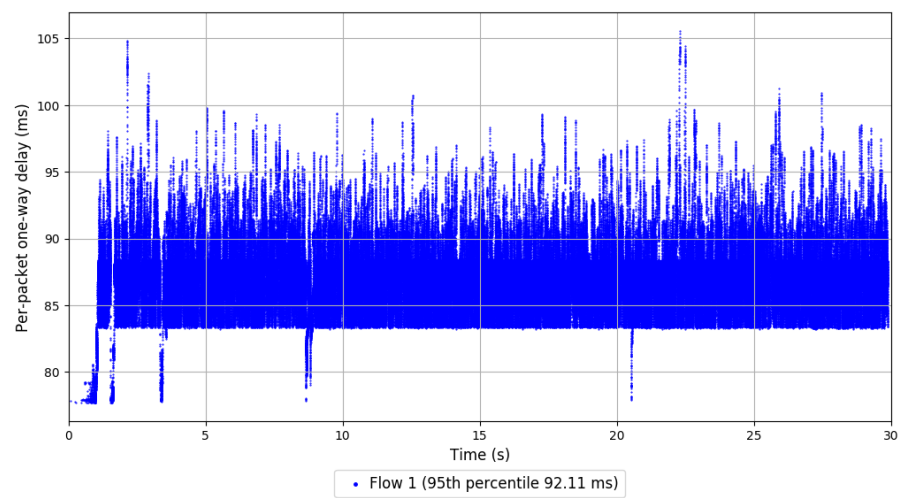
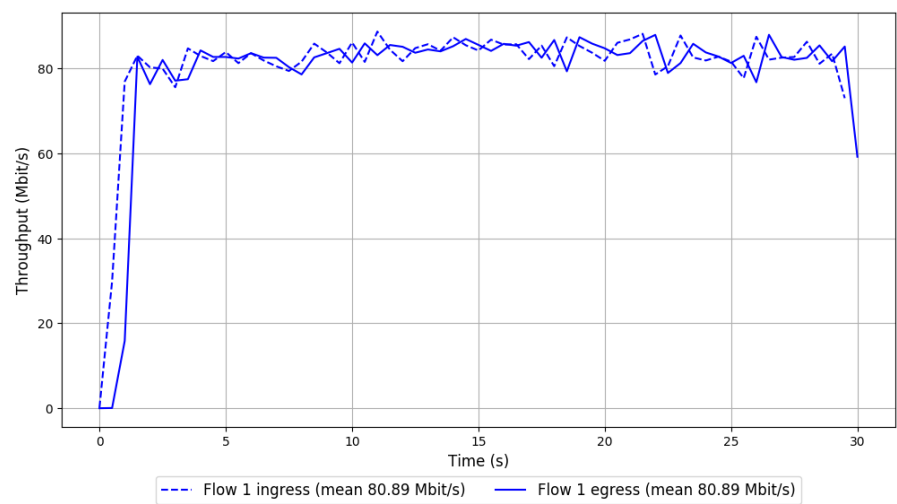
-- Flow 1:

Average throughput: 80.89 Mbit/s

95th percentile per-packet one-way delay: 92.113 ms

Loss rate: 0.56%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-08-22 12:28:40

End at: 2018-08-22 12:29:10

Local clock offset: -3.983 ms

Remote clock offset: 4.366 ms

# Below is generated by plot.py at 2018-08-22 14:26:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.08 Mbit/s

95th percentile per-packet one-way delay: 94.606 ms

Loss rate: 0.60%

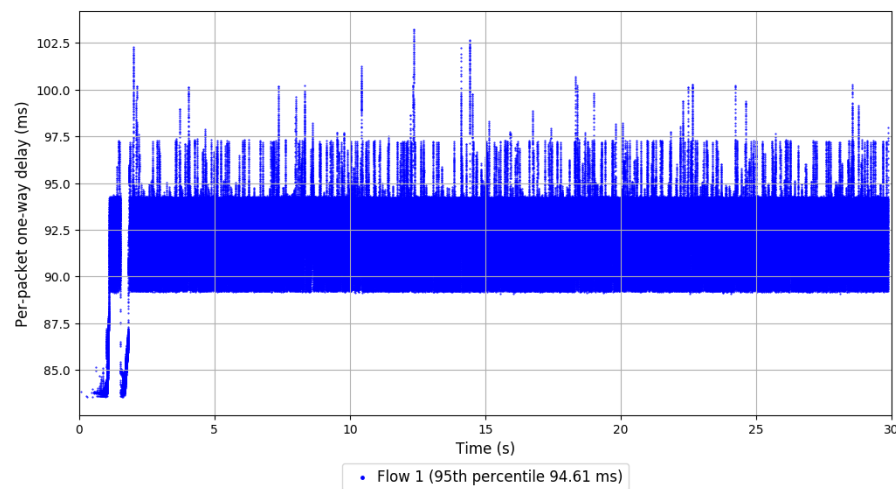
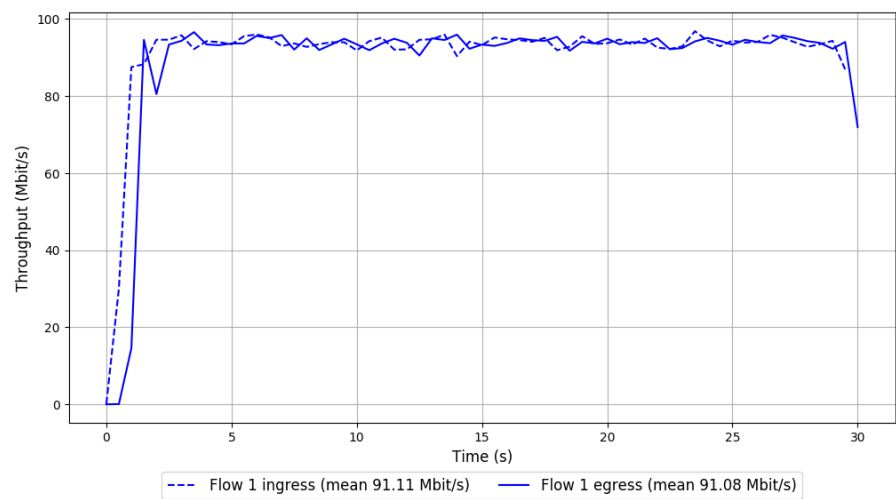
-- Flow 1:

Average throughput: 91.08 Mbit/s

95th percentile per-packet one-way delay: 94.606 ms

Loss rate: 0.60%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-08-22 12:48:29

End at: 2018-08-22 12:48:59

Local clock offset: -4.635 ms

Remote clock offset: 7.583 ms

# Below is generated by plot.py at 2018-08-22 14:26:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.04 Mbit/s

95th percentile per-packet one-way delay: 89.728 ms

Loss rate: 0.62%

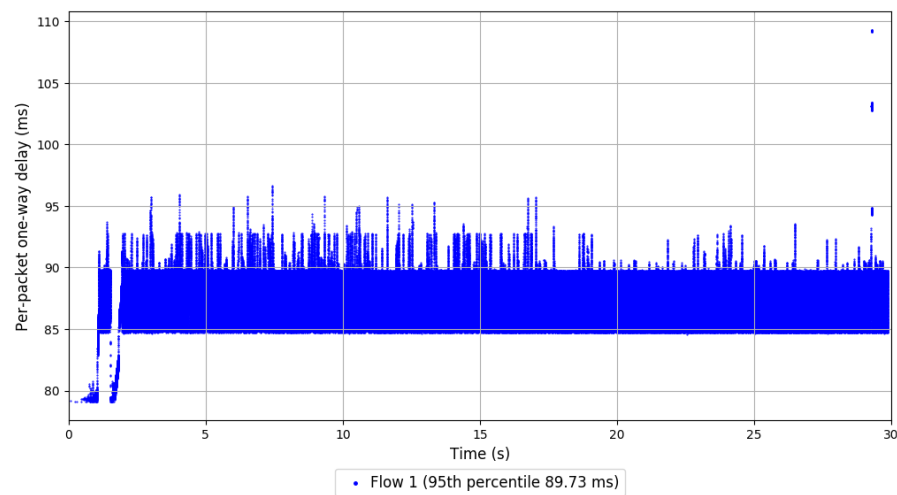
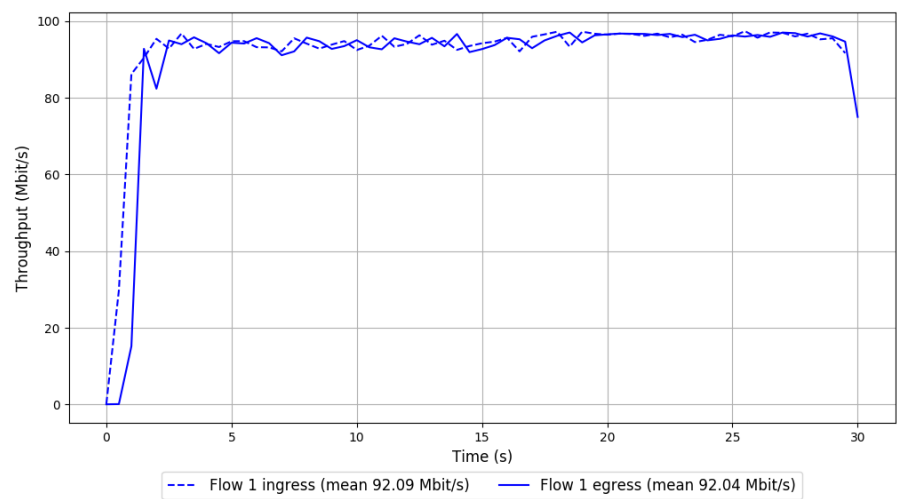
-- Flow 1:

Average throughput: 92.04 Mbit/s

95th percentile per-packet one-way delay: 89.728 ms

Loss rate: 0.62%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-08-22 13:08:27

End at: 2018-08-22 13:08:57

Local clock offset: -4.953 ms

Remote clock offset: 7.626 ms

# Below is generated by plot.py at 2018-08-22 14:26:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.71 Mbit/s

95th percentile per-packet one-way delay: 86.827 ms

Loss rate: 0.61%

-- Flow 1:

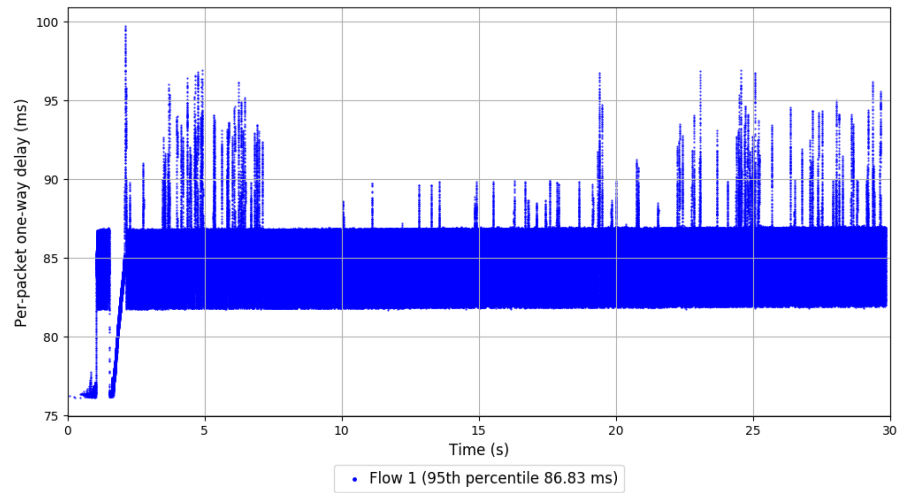
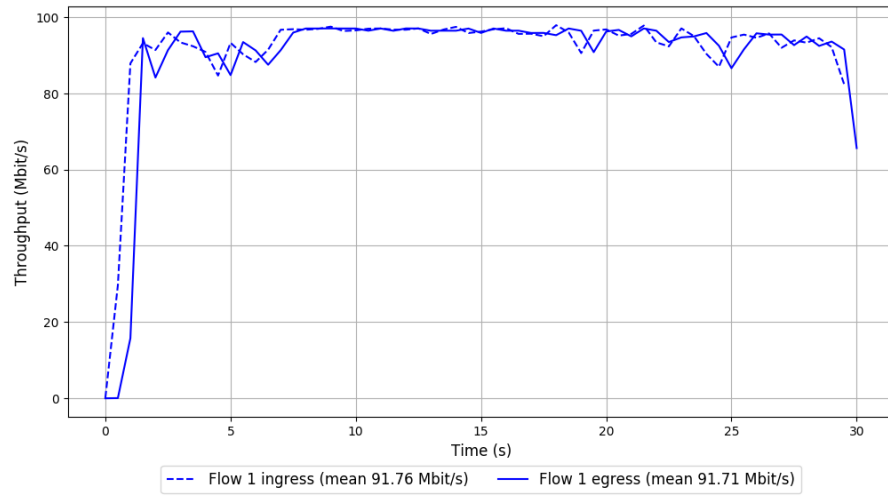
Average throughput: 91.71 Mbit/s

95th percentile per-packet one-way delay: 86.827 ms

Loss rate: 0.61%



## Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-08-22 13:28:15

End at: 2018-08-22 13:28:45

Local clock offset: -8.639 ms

Remote clock offset: 6.14 ms

# Below is generated by plot.py at 2018-08-22 14:26:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 88.722 ms

Loss rate: 0.58%

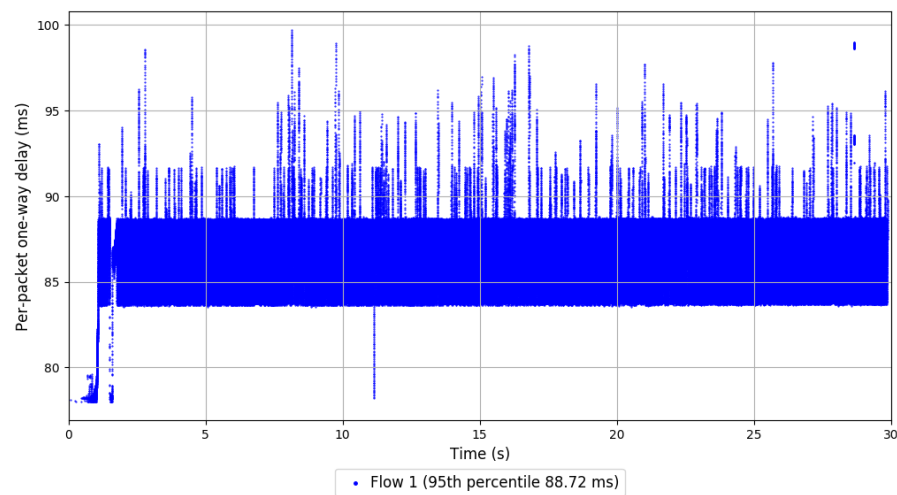
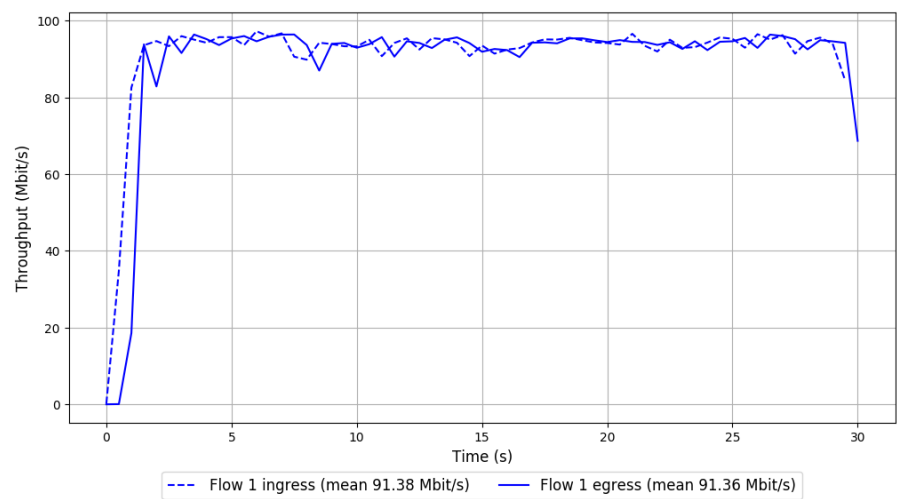
-- Flow 1:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 88.722 ms

Loss rate: 0.58%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-08-22 13:48:01

End at: 2018-08-22 13:48:31

Local clock offset: -7.474 ms

Remote clock offset: 2.75 ms

# Below is generated by plot.py at 2018-08-22 14:27:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.64 Mbit/s

95th percentile per-packet one-way delay: 97.985 ms

Loss rate: 0.62%

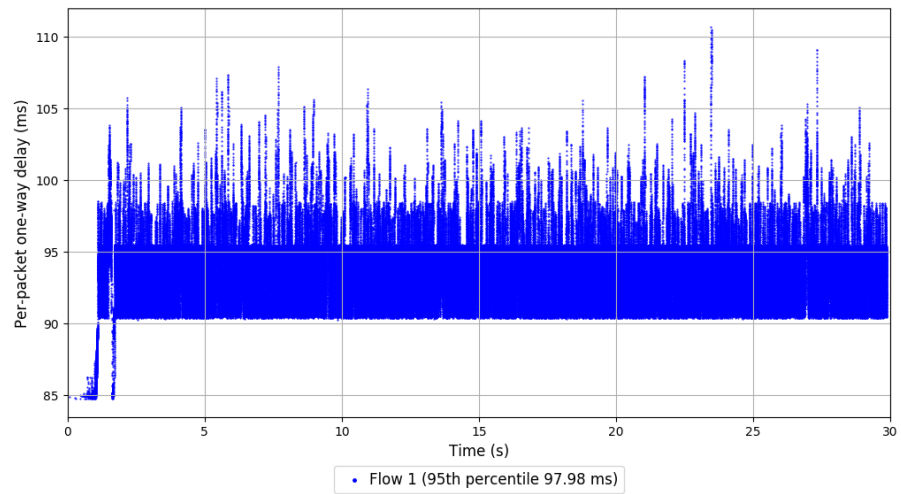
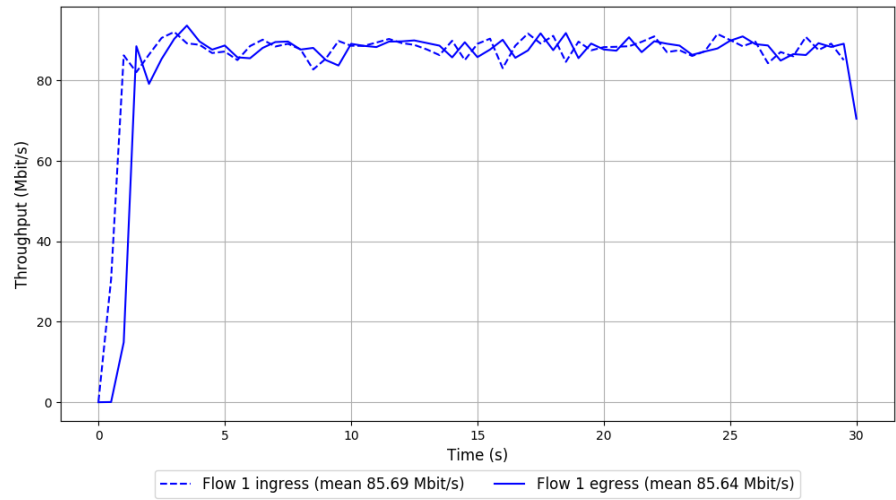
-- Flow 1:

Average throughput: 85.64 Mbit/s

95th percentile per-packet one-way delay: 97.985 ms

Loss rate: 0.62%

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



Run 10: Statistics of FillP

Start at: 2018-08-22 14:07:50

End at: 2018-08-22 14:08:20

Local clock offset: -6.99 ms

Remote clock offset: 2.818 ms

# Below is generated by plot.py at 2018-08-22 14:27:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.79 Mbit/s

95th percentile per-packet one-way delay: 94.621 ms

Loss rate: 0.60%

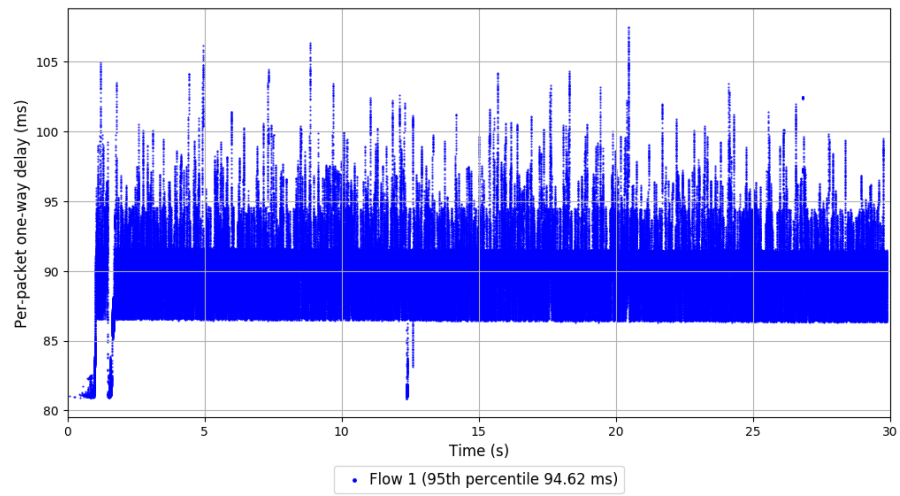
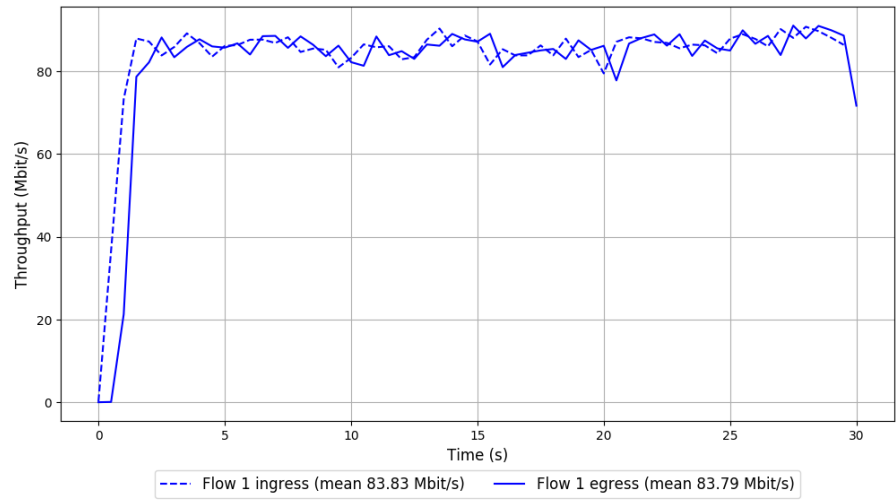
-- Flow 1:

Average throughput: 83.79 Mbit/s

95th percentile per-packet one-way delay: 94.621 ms

Loss rate: 0.60%

# Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-08-22 11:18:31

End at: 2018-08-22 11:19:01

Local clock offset: -5.387 ms

Remote clock offset: 8.065 ms

# Below is generated by plot.py at 2018-08-22 14:27:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.03 Mbit/s

95th percentile per-packet one-way delay: 89.523 ms

Loss rate: 14.44%

-- Flow 1:

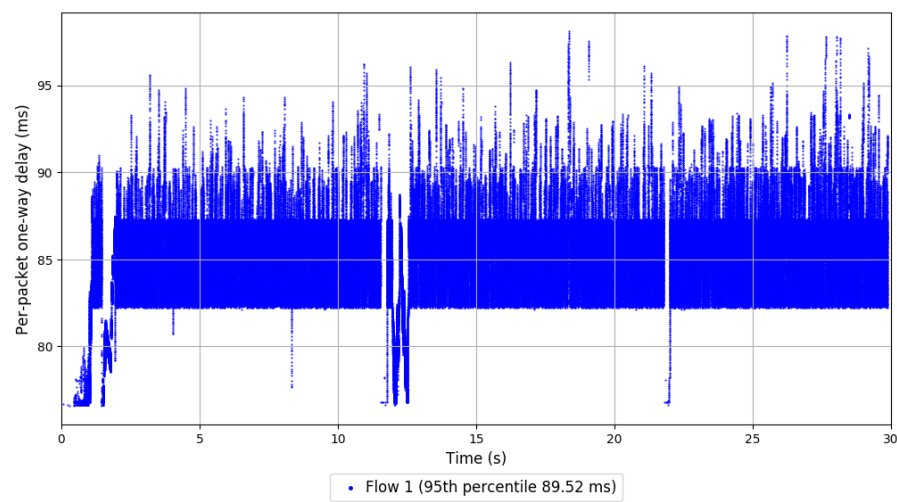
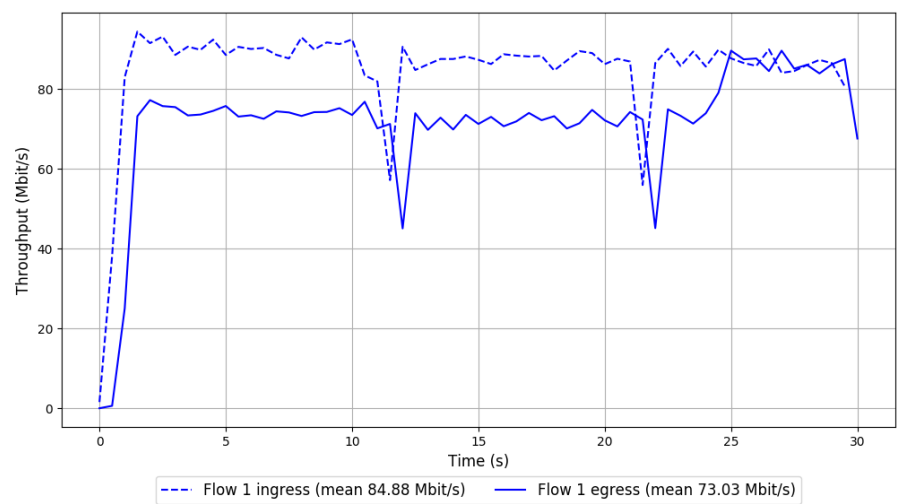
Average throughput: 73.03 Mbit/s

95th percentile per-packet one-way delay: 89.523 ms

Loss rate: 14.44%



Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-08-22 11:38:16

End at: 2018-08-22 11:38:46

Local clock offset: -5.574 ms

Remote clock offset: 7.704 ms

# Below is generated by plot.py at 2018-08-22 14:27:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.52 Mbit/s

95th percentile per-packet one-way delay: 89.582 ms

Loss rate: 14.54%

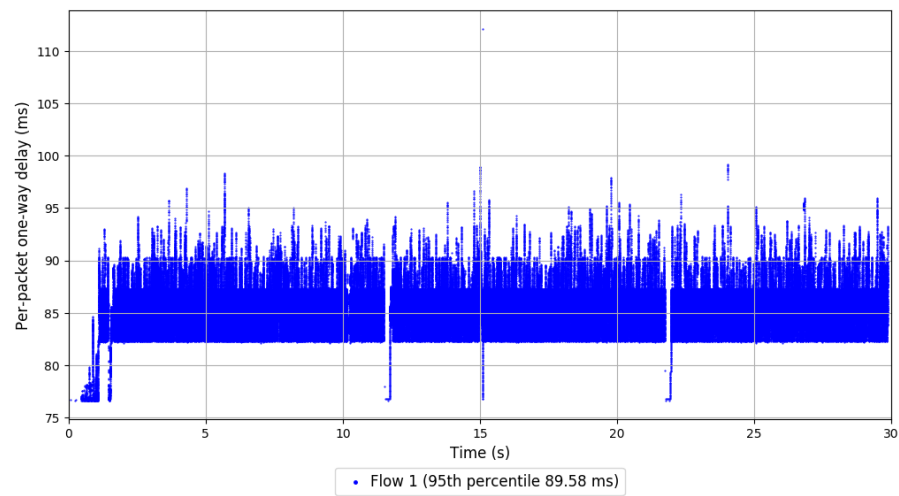
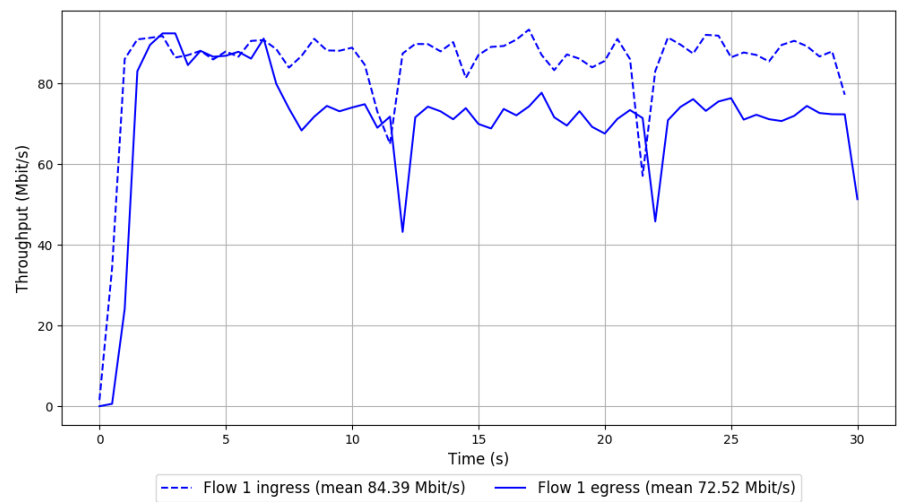
-- Flow 1:

Average throughput: 72.52 Mbit/s

95th percentile per-packet one-way delay: 89.582 ms

Loss rate: 14.54%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-08-22 11:58:05

End at: 2018-08-22 11:58:35

Local clock offset: -4.041 ms

Remote clock offset: 6.791 ms

# Below is generated by plot.py at 2018-08-22 14:27:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.77 Mbit/s

95th percentile per-packet one-way delay: 92.065 ms

Loss rate: 17.56%

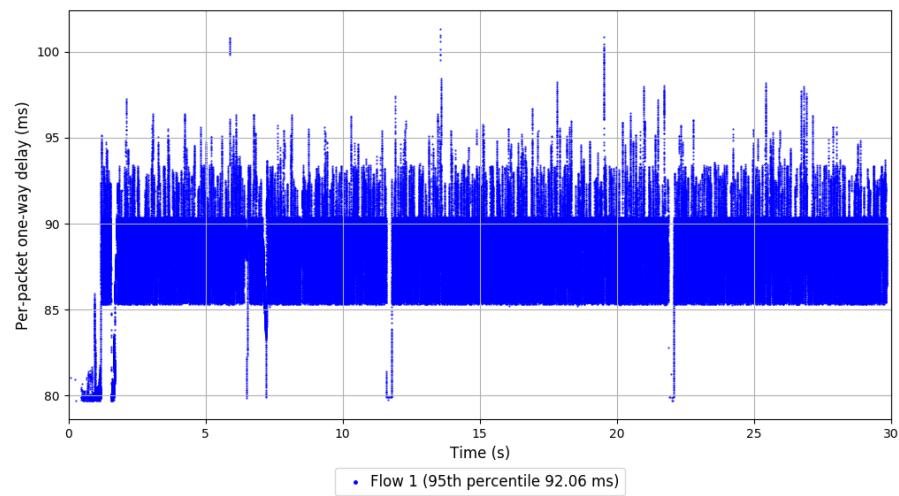
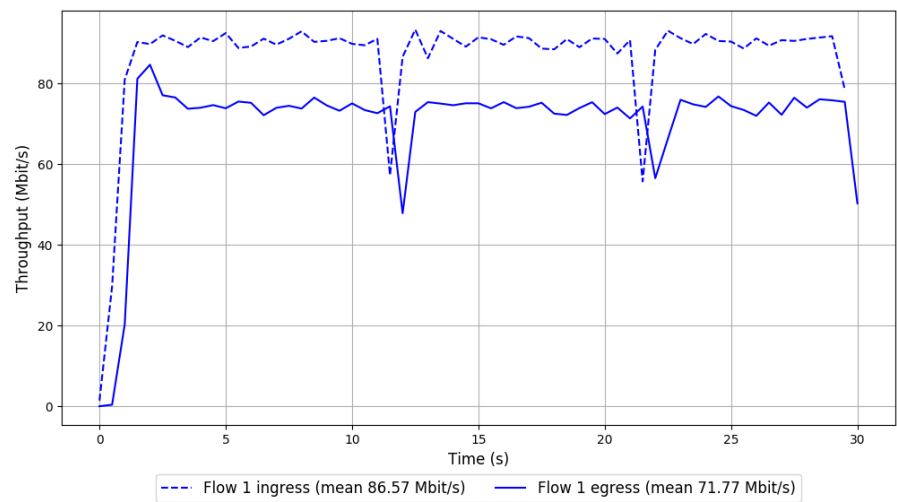
-- Flow 1:

Average throughput: 71.77 Mbit/s

95th percentile per-packet one-way delay: 92.065 ms

Loss rate: 17.56%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-22 12:18:05

End at: 2018-08-22 12:18:35

Local clock offset: -4.169 ms

Remote clock offset: 8.186 ms

# Below is generated by plot.py at 2018-08-22 14:27:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.56 Mbit/s

95th percentile per-packet one-way delay: 91.462 ms

Loss rate: 18.27%

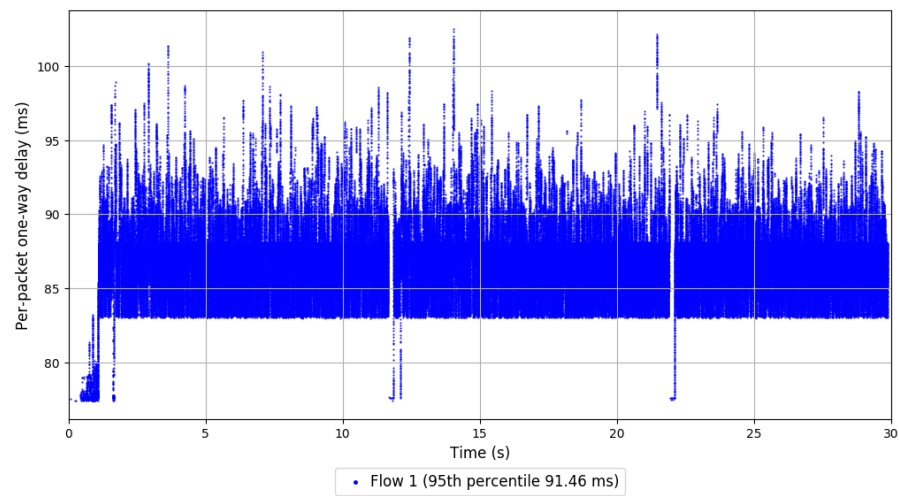
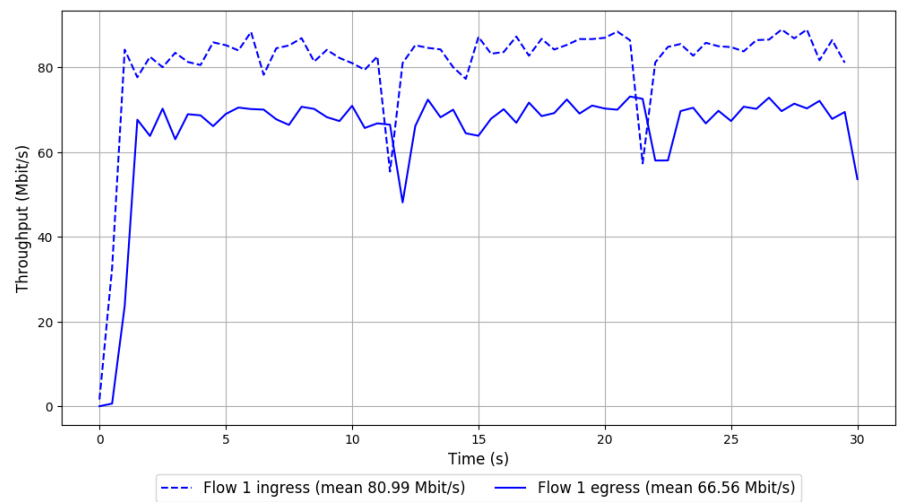
-- Flow 1:

Average throughput: 66.56 Mbit/s

95th percentile per-packet one-way delay: 91.462 ms

Loss rate: 18.27%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-08-22 12:38:02

End at: 2018-08-22 12:38:32

Local clock offset: -3.87 ms

Remote clock offset: 3.306 ms

# Below is generated by plot.py at 2018-08-22 14:28:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.97 Mbit/s

95th percentile per-packet one-way delay: 95.024 ms

Loss rate: 0.61%

-- Flow 1:

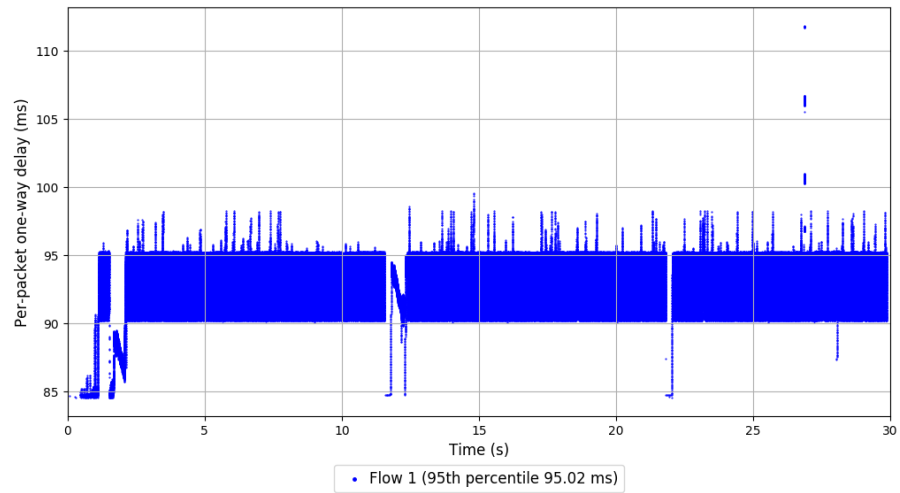
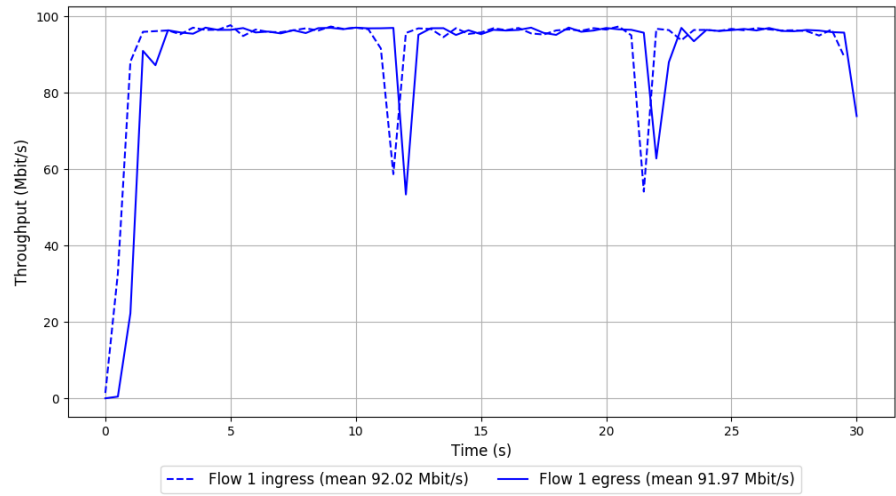
Average throughput: 91.97 Mbit/s

95th percentile per-packet one-way delay: 95.024 ms

Loss rate: 0.61%



### Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-08-22 12:58:01

End at: 2018-08-22 12:58:31

Local clock offset: -3.722 ms

Remote clock offset: 3.25 ms

# Below is generated by plot.py at 2018-08-22 14:28:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.22 Mbit/s

95th percentile per-packet one-way delay: 97.189 ms

Loss rate: 0.61%

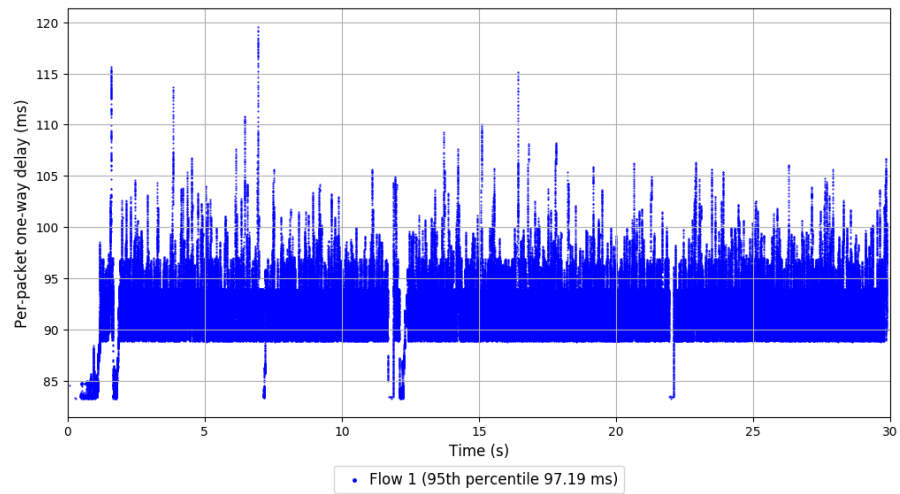
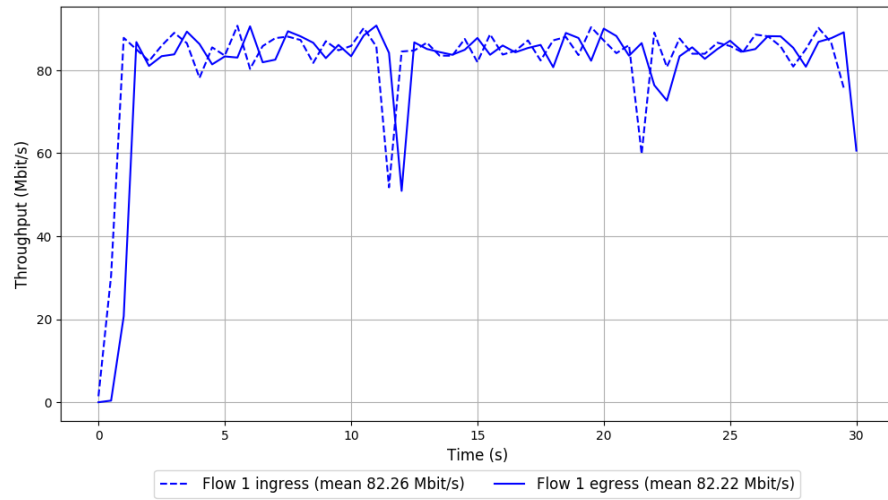
-- Flow 1:

Average throughput: 82.22 Mbit/s

95th percentile per-packet one-way delay: 97.189 ms

Loss rate: 0.61%

## Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-08-22 13:17:49

End at: 2018-08-22 13:18:19

Local clock offset: -6.685 ms

Remote clock offset: 1.515 ms

# Below is generated by plot.py at 2018-08-22 14:28:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.53 Mbit/s

95th percentile per-packet one-way delay: 97.499 ms

Loss rate: 0.64%

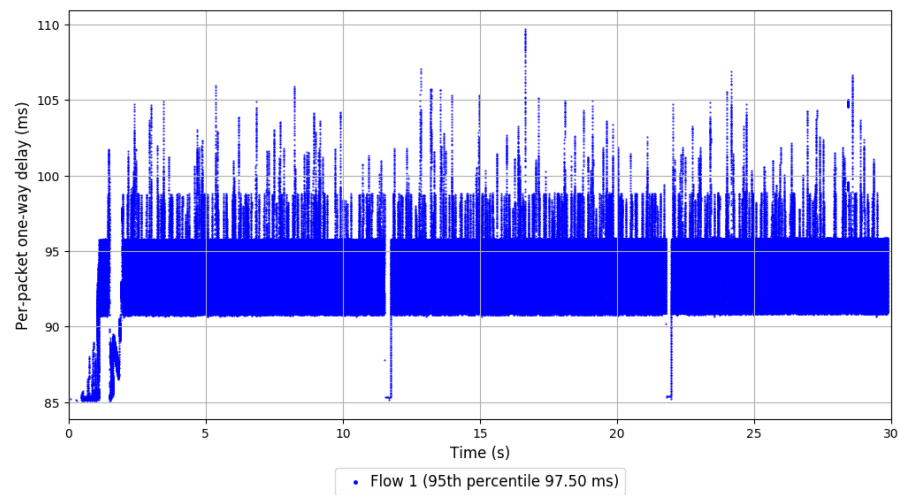
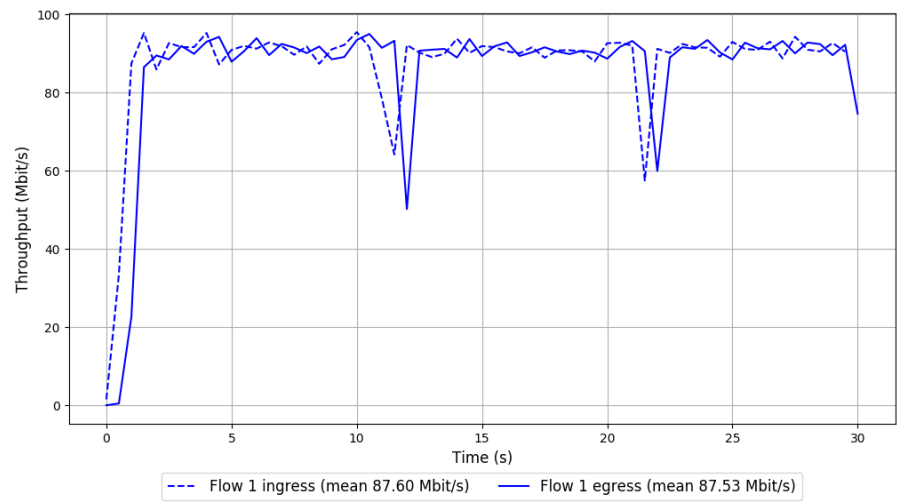
-- Flow 1:

Average throughput: 87.53 Mbit/s

95th percentile per-packet one-way delay: 97.499 ms

Loss rate: 0.64%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-08-22 13:37:38

End at: 2018-08-22 13:38:08

Local clock offset: -8.981 ms

Remote clock offset: 2.661 ms

# Below is generated by plot.py at 2018-08-22 14:28:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.47 Mbit/s

95th percentile per-packet one-way delay: 95.286 ms

Loss rate: 0.64%

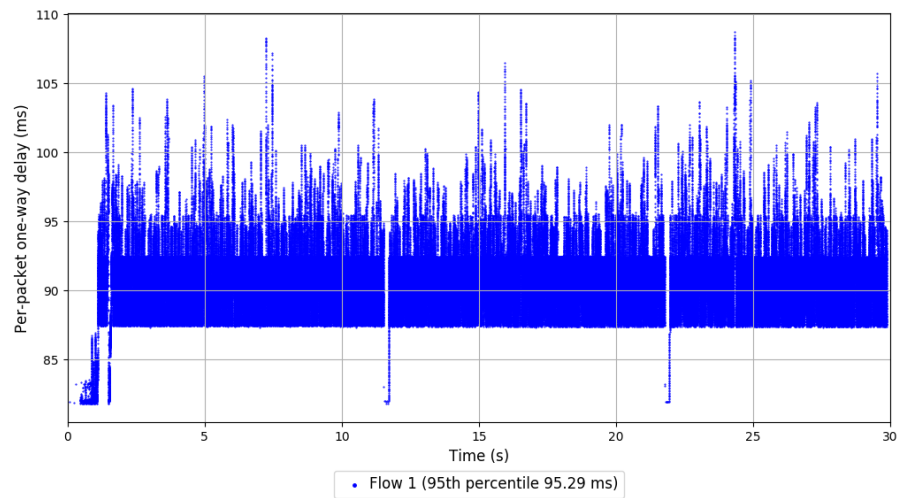
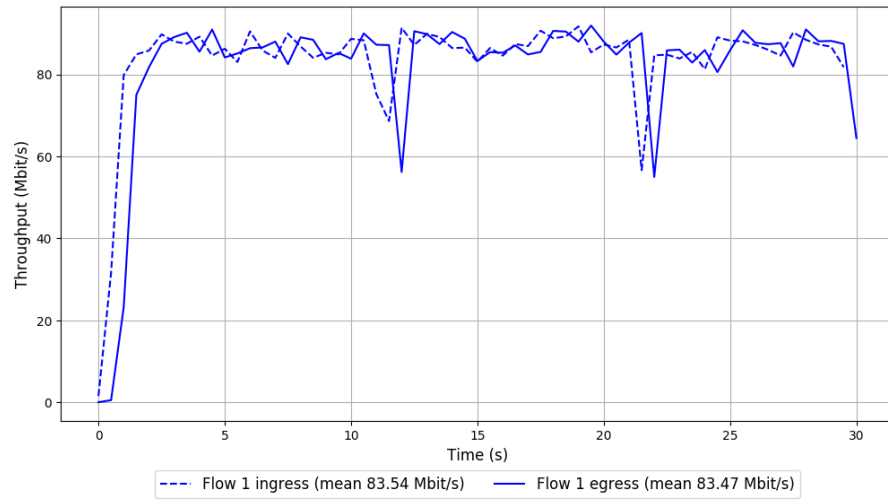
-- Flow 1:

Average throughput: 83.47 Mbit/s

95th percentile per-packet one-way delay: 95.286 ms

Loss rate: 0.64%

## Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-08-22 13:57:24

End at: 2018-08-22 13:57:54

Local clock offset: -6.571 ms

Remote clock offset: 2.281 ms

# Below is generated by plot.py at 2018-08-22 14:28:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.55 Mbit/s

95th percentile per-packet one-way delay: 98.706 ms

Loss rate: 0.62%

-- Flow 1:

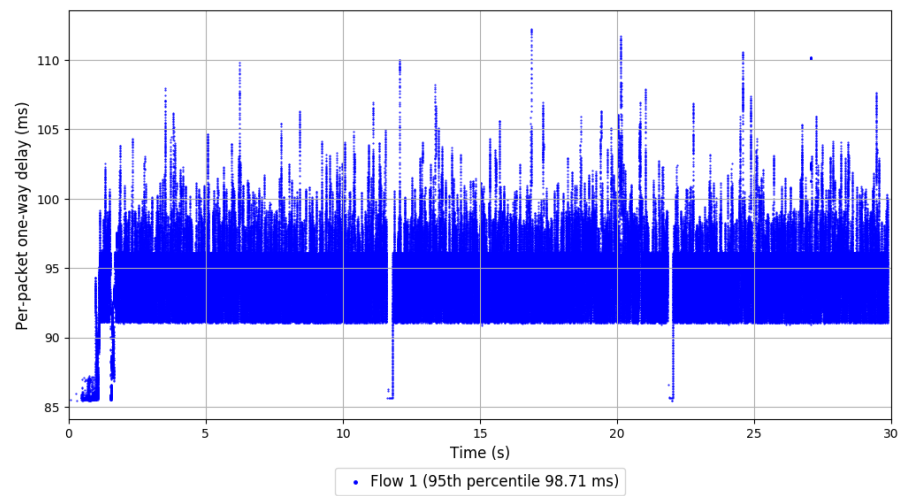
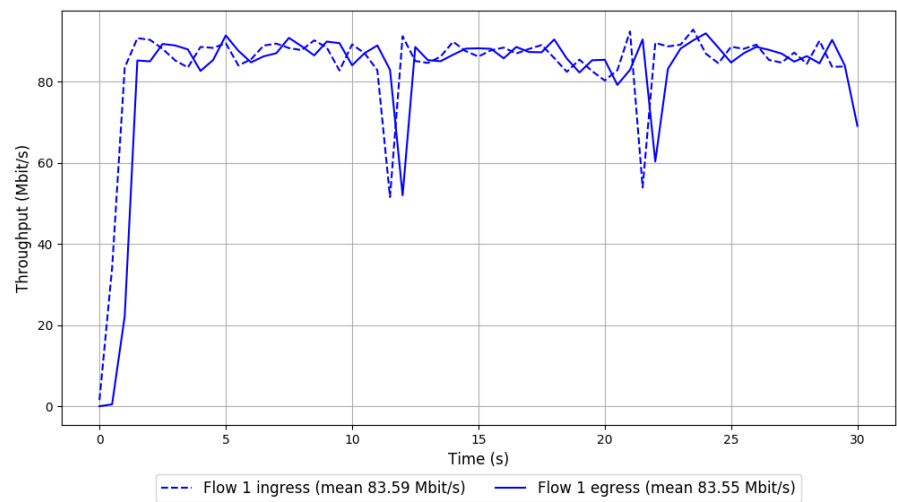
Average throughput: 83.55 Mbit/s

95th percentile per-packet one-way delay: 98.706 ms

Loss rate: 0.62%



Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-08-22 14:17:12

End at: 2018-08-22 14:17:42

Local clock offset: -5.418 ms

Remote clock offset: 6.315 ms

# Below is generated by plot.py at 2018-08-22 14:28:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 91.298 ms

Loss rate: 0.62%

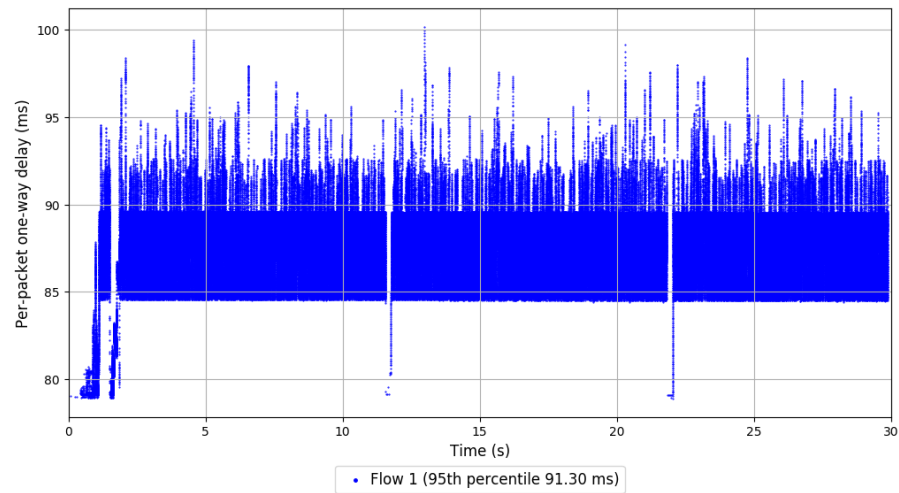
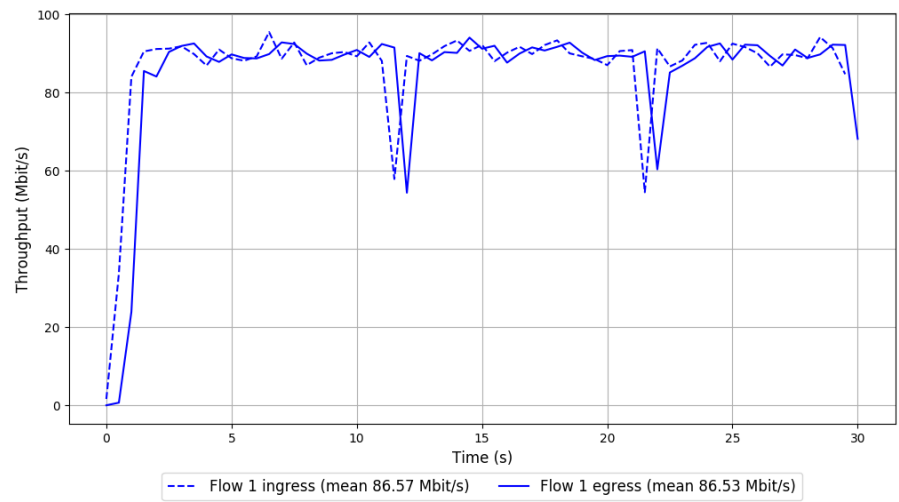
-- Flow 1:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 91.298 ms

Loss rate: 0.62%

Run 10: Report of FillP-Sheep — Data Link

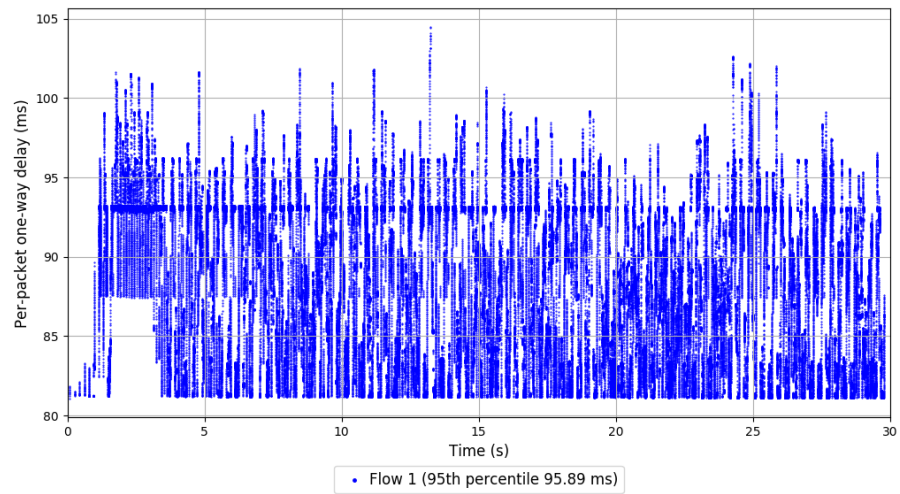
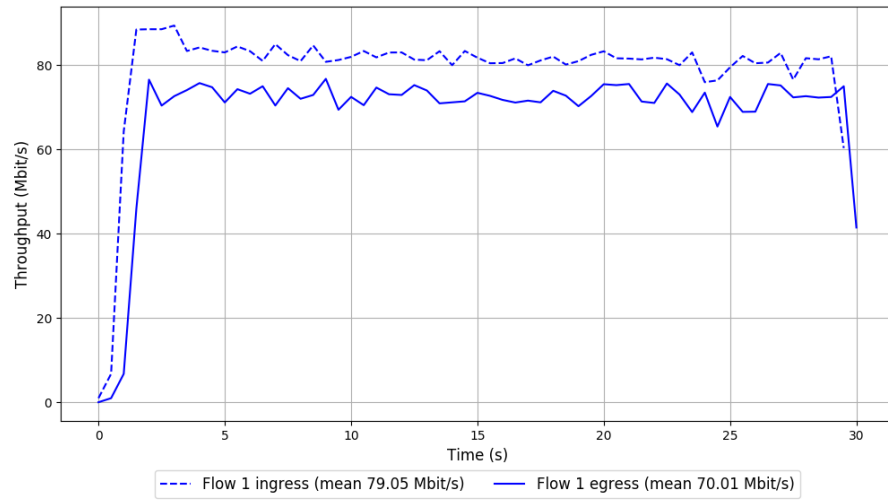


```
Run 1: Statistics of Indigo

Start at: 2018-08-22 11:02:13
End at: 2018-08-22 11:02:43
Local clock offset: -3.745 ms
Remote clock offset: 8.414 ms

# Below is generated by plot.py at 2018-08-22 14:28:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 95.889 ms
Loss rate: 11.93%
-- Flow 1:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 95.889 ms
Loss rate: 11.93%
```

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



Run 2: Statistics of Indigo

Start at: 2018-08-22 11:22:02

End at: 2018-08-22 11:22:32

Local clock offset: -4.661 ms

Remote clock offset: 8.991 ms

# Below is generated by plot.py at 2018-08-22 14:28:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.37 Mbit/s

95th percentile per-packet one-way delay: 90.510 ms

Loss rate: 0.60%

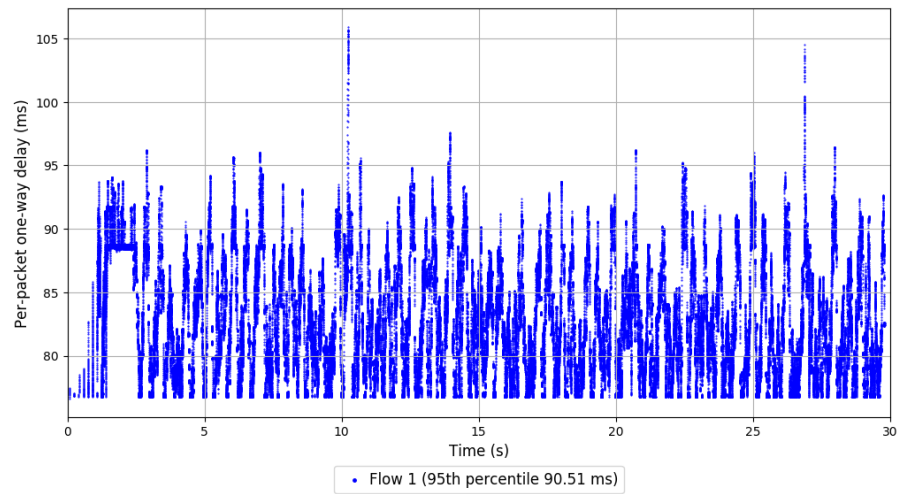
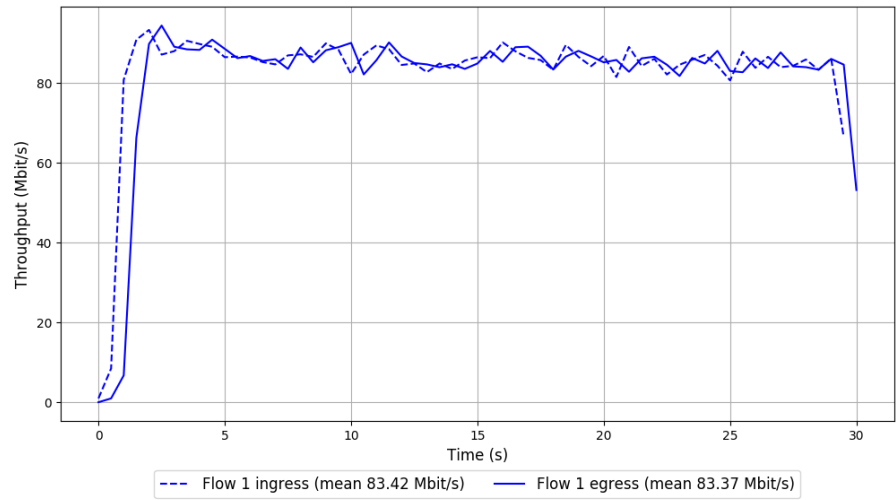
-- Flow 1:

Average throughput: 83.37 Mbit/s

95th percentile per-packet one-way delay: 90.510 ms

Loss rate: 0.60%

## Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-08-22 11:41:49

End at: 2018-08-22 11:42:19

Local clock offset: -4.818 ms

Remote clock offset: 2.926 ms

# Below is generated by plot.py at 2018-08-22 14:29:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 96.436 ms

Loss rate: 0.64%

-- Flow 1:

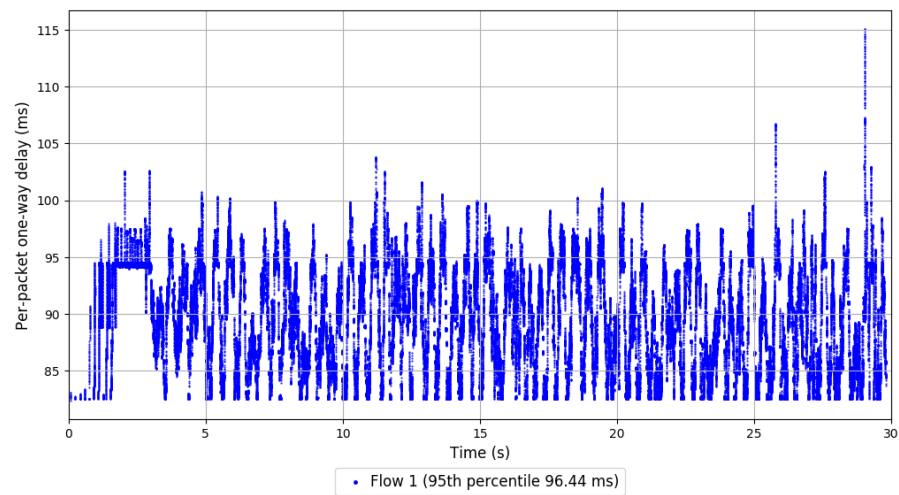
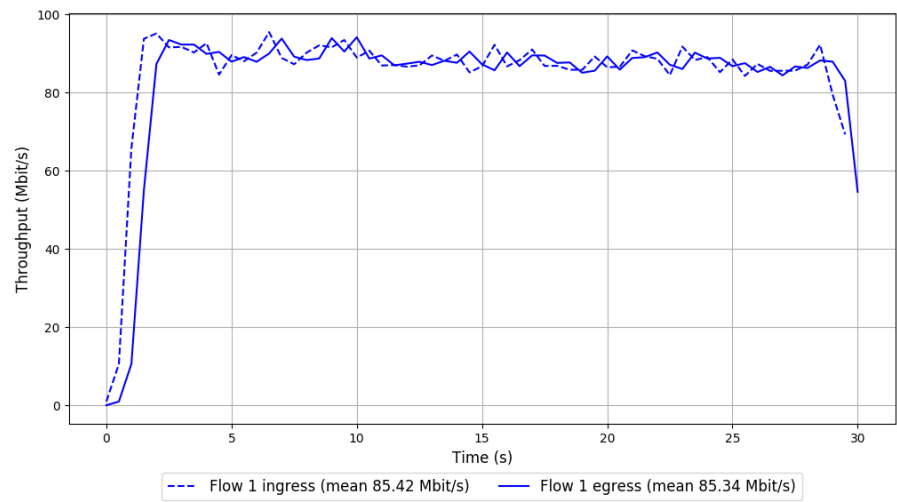
Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 96.436 ms

Loss rate: 0.64%



Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-08-22 12:01:38

End at: 2018-08-22 12:02:08

Local clock offset: -4.815 ms

Remote clock offset: 6.71 ms

# Below is generated by plot.py at 2018-08-22 14:29:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.29 Mbit/s

95th percentile per-packet one-way delay: 96.798 ms

Loss rate: 0.58%

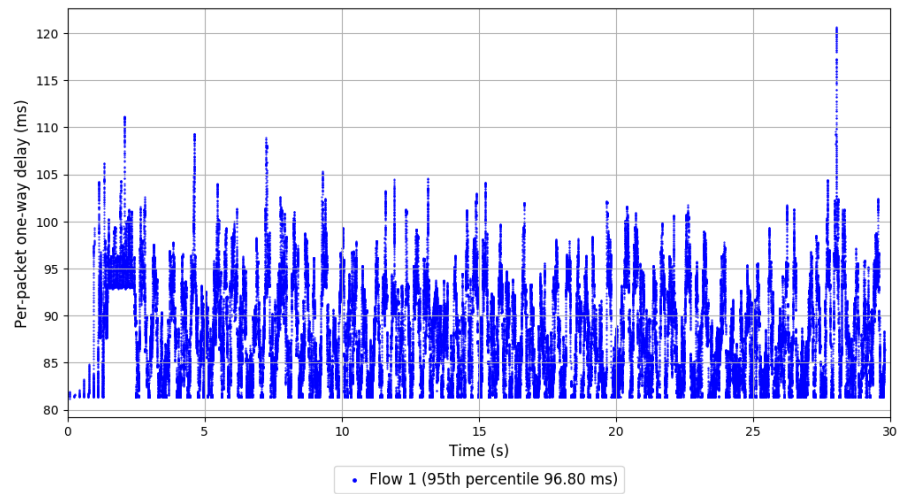
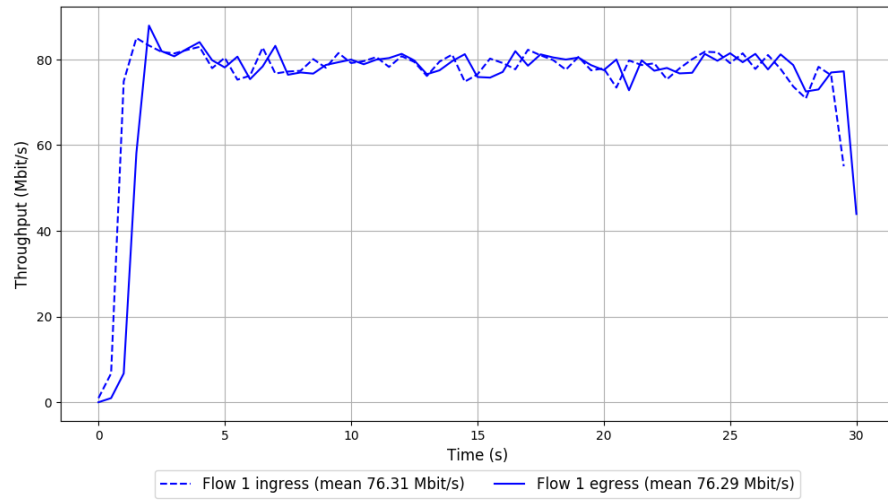
-- Flow 1:

Average throughput: 76.29 Mbit/s

95th percentile per-packet one-way delay: 96.798 ms

Loss rate: 0.58%

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



Run 5: Statistics of Indigo

Start at: 2018-08-22 12:21:46

End at: 2018-08-22 12:22:16

Local clock offset: -4.827 ms

Remote clock offset: 8.073 ms

# Below is generated by plot.py at 2018-08-22 14:29:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.93 Mbit/s

95th percentile per-packet one-way delay: 95.256 ms

Loss rate: 1.66%

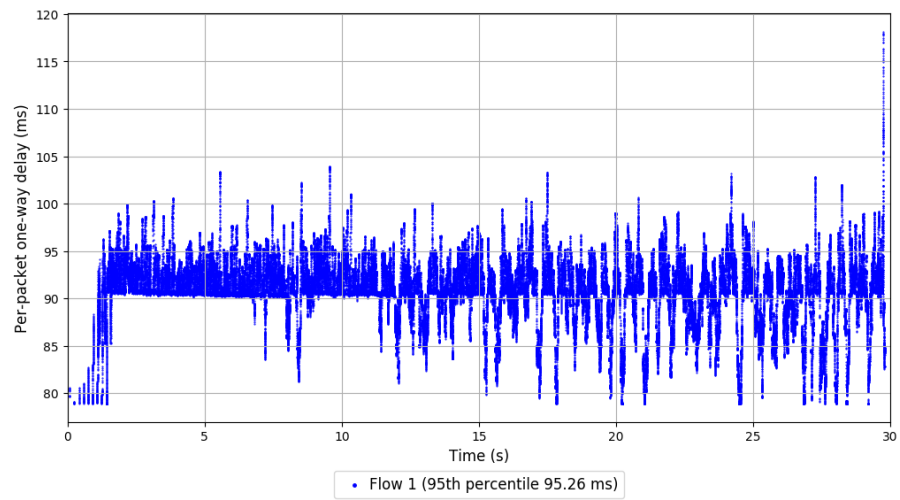
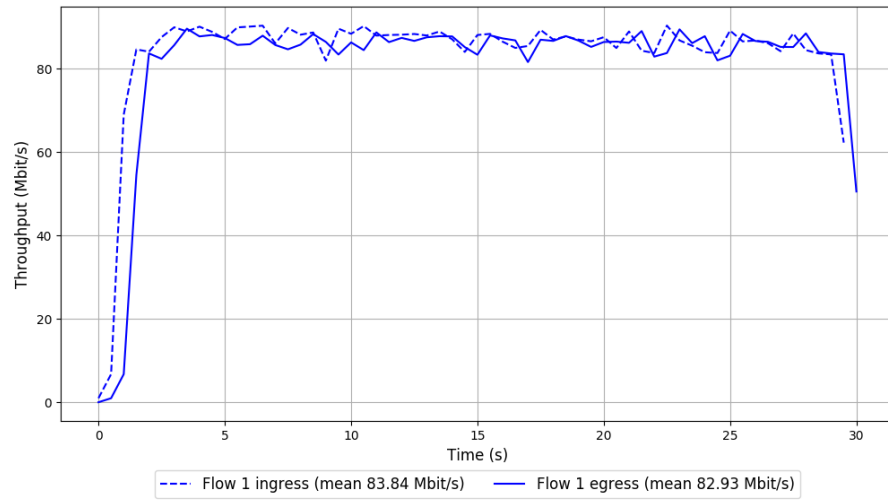
-- Flow 1:

Average throughput: 82.93 Mbit/s

95th percentile per-packet one-way delay: 95.256 ms

Loss rate: 1.66%

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



Run 6: Statistics of Indigo

Start at: 2018-08-22 12:41:35

End at: 2018-08-22 12:42:05

Local clock offset: -3.814 ms

Remote clock offset: 7.051 ms

# Below is generated by plot.py at 2018-08-22 14:29:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 93.310 ms

Loss rate: 1.58%

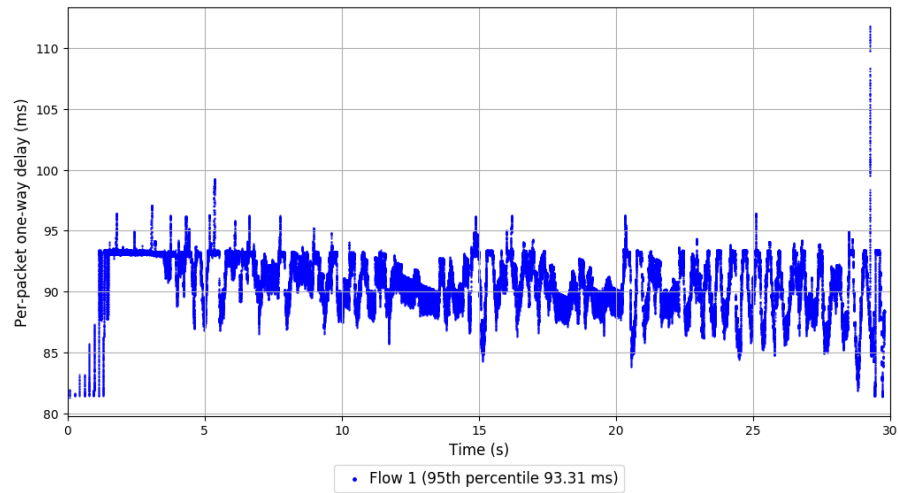
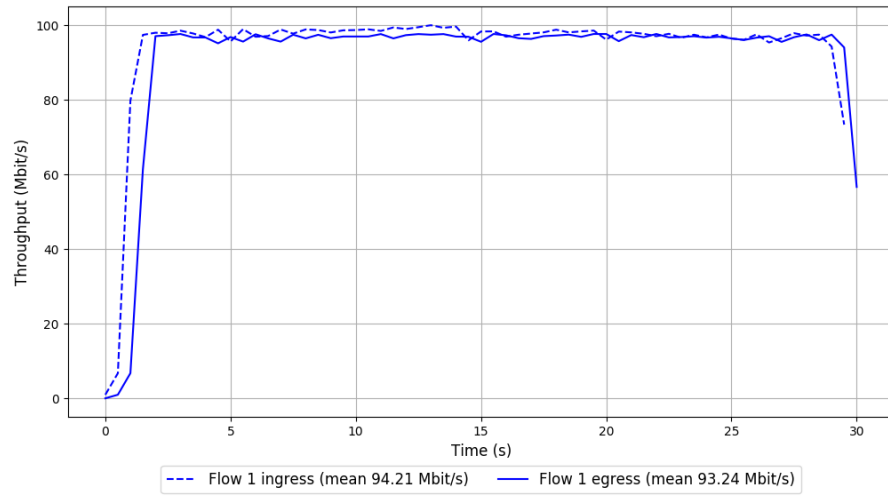
-- Flow 1:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 93.310 ms

Loss rate: 1.58%

## Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-08-22 13:01:33

End at: 2018-08-22 13:02:03

Local clock offset: -2.908 ms

Remote clock offset: 7.837 ms

# Below is generated by plot.py at 2018-08-22 14:29:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.29 Mbit/s

95th percentile per-packet one-way delay: 89.912 ms

Loss rate: 0.63%

-- Flow 1:

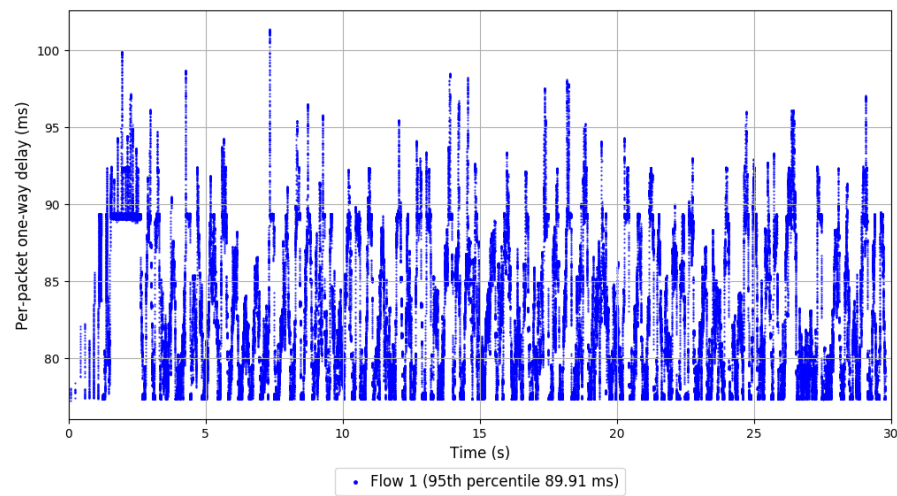
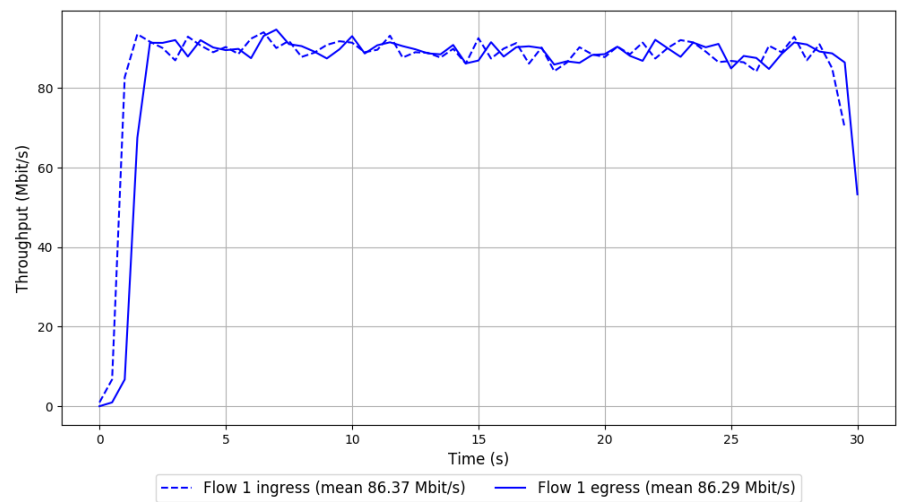
Average throughput: 86.29 Mbit/s

95th percentile per-packet one-way delay: 89.912 ms

Loss rate: 0.63%



Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-08-22 13:21:21

End at: 2018-08-22 13:21:51

Local clock offset: -8.021 ms

Remote clock offset: 6.682 ms

# Below is generated by plot.py at 2018-08-22 14:29:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.05 Mbit/s

95th percentile per-packet one-way delay: 89.418 ms

Loss rate: 0.59%

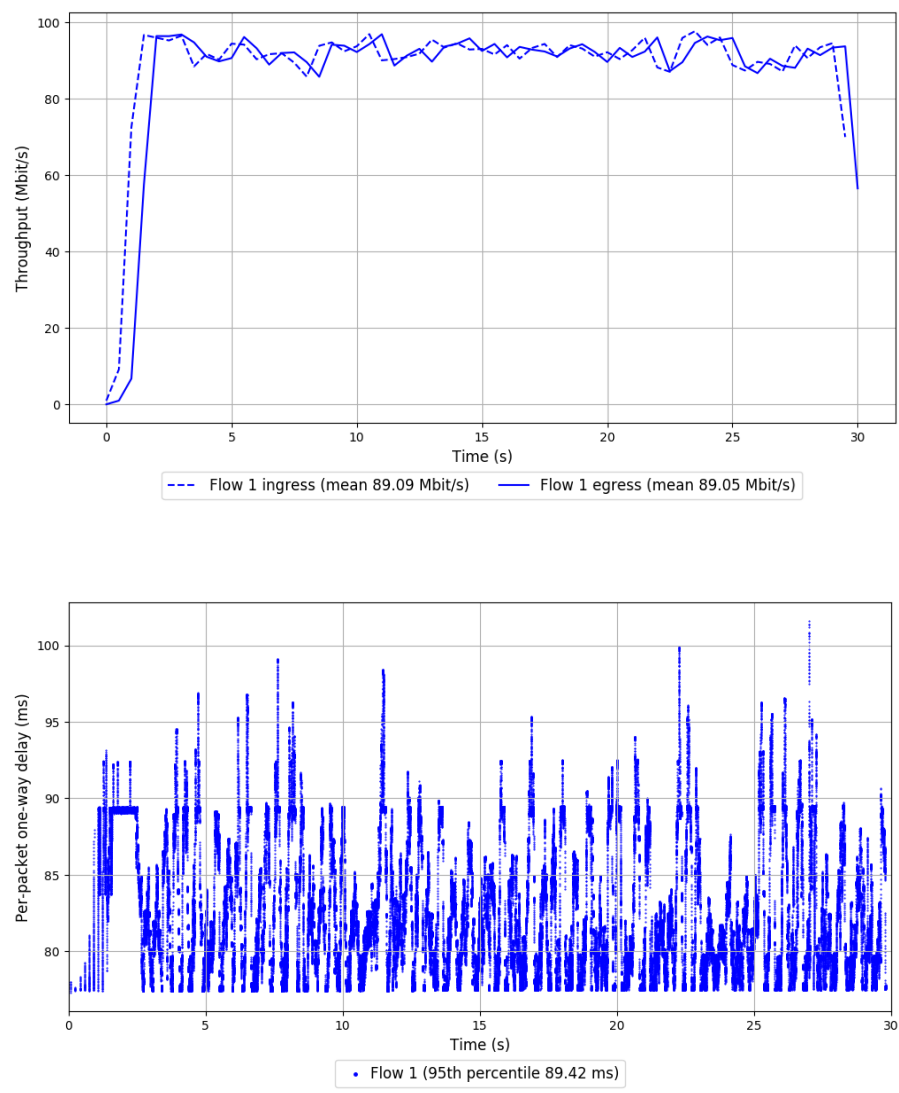
-- Flow 1:

Average throughput: 89.05 Mbit/s

95th percentile per-packet one-way delay: 89.418 ms

Loss rate: 0.59%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-08-22 13:41:09

End at: 2018-08-22 13:41:39

Local clock offset: -7.073 ms

Remote clock offset: 2.615 ms

# Below is generated by plot.py at 2018-08-22 14:29:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.98 Mbit/s

95th percentile per-packet one-way delay: 97.707 ms

Loss rate: 0.61%

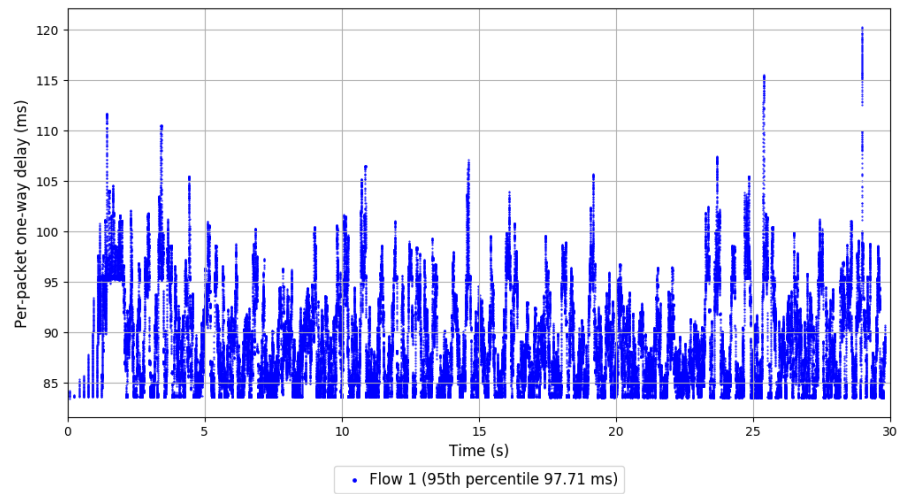
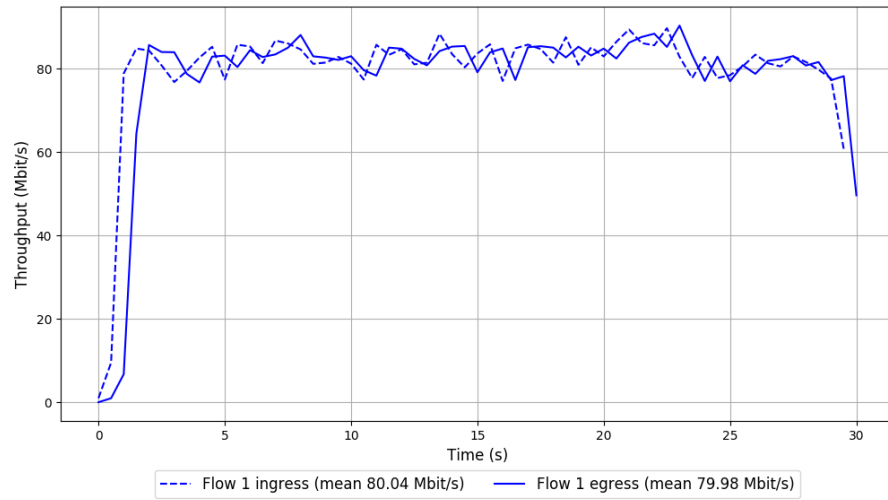
-- Flow 1:

Average throughput: 79.98 Mbit/s

95th percentile per-packet one-way delay: 97.707 ms

Loss rate: 0.61%

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



Run 10: Statistics of Indigo

Start at: 2018-08-22 14:00:56

End at: 2018-08-22 14:01:26

Local clock offset: -7.342 ms

Remote clock offset: 6.806 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.09 Mbit/s

95th percentile per-packet one-way delay: 92.199 ms

Loss rate: 0.60%

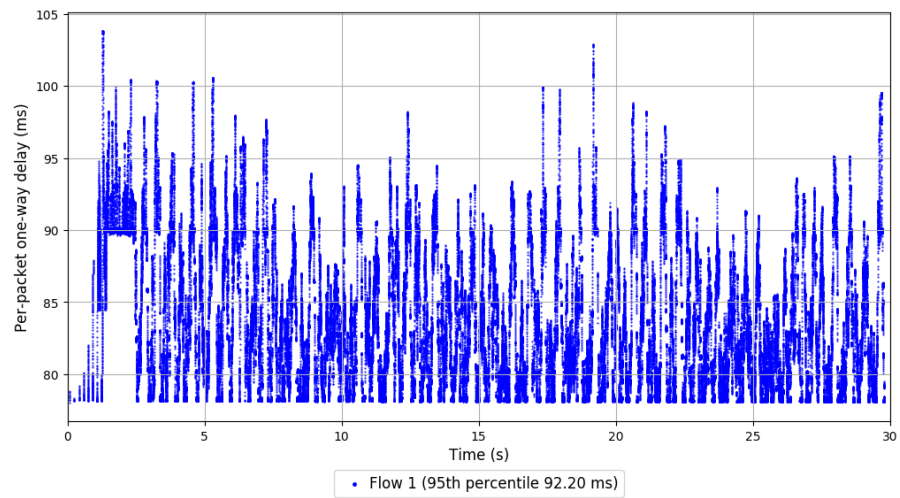
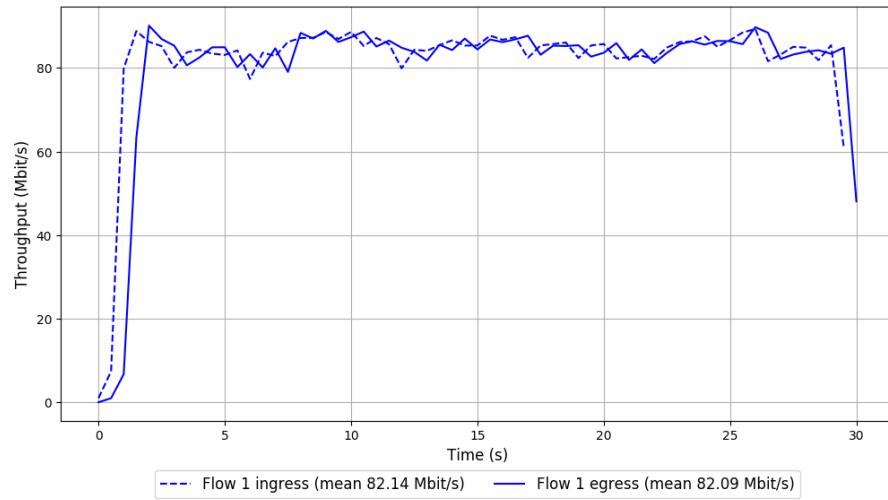
-- Flow 1:

Average throughput: 82.09 Mbit/s

95th percentile per-packet one-way delay: 92.199 ms

Loss rate: 0.60%

# Run 10: Report of Indigo — Data Link



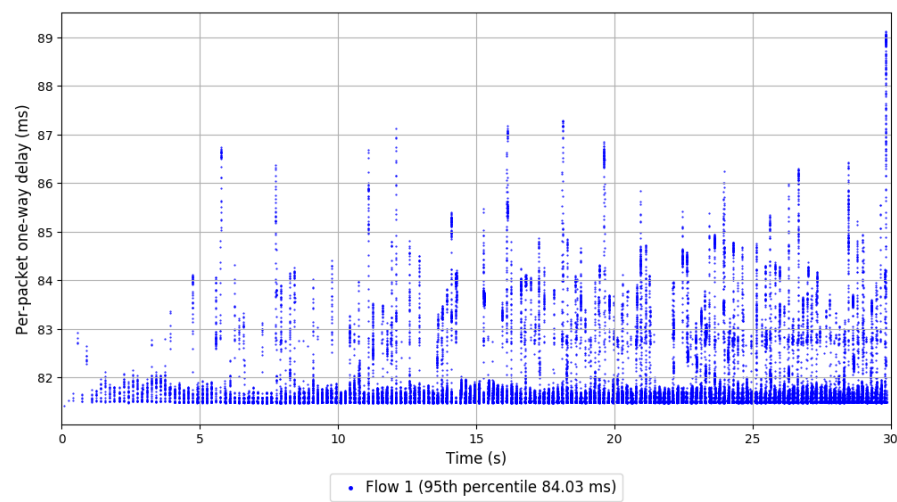
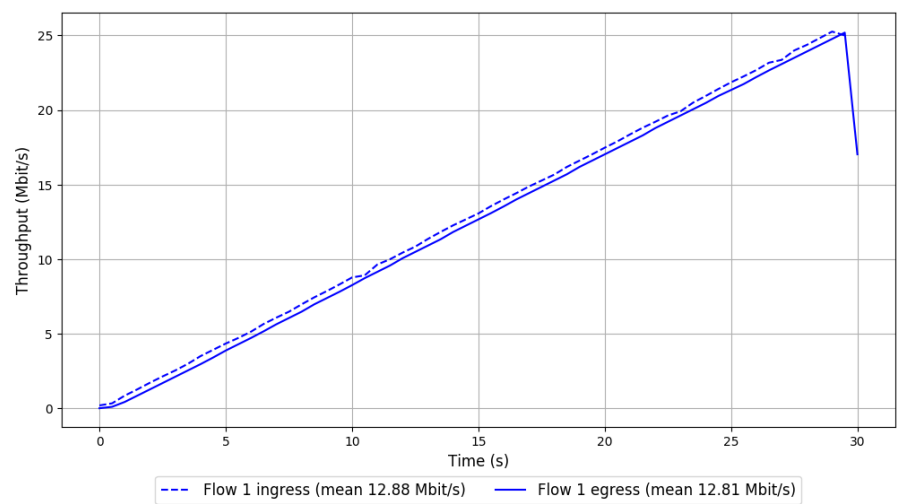
```
Run 1: Statistics of LEDBAT

Start at: 2018-08-22 11:15:03
End at: 2018-08-22 11:15:33
Local clock offset: -4.402 ms
Remote clock offset: 7.076 ms

# Below is generated by plot.py at 2018-08-22 14:29:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 84.033 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 84.033 ms
Loss rate: 1.11%
```



Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-08-22 11:34:49

End at: 2018-08-22 11:35:19

Local clock offset: -4.803 ms

Remote clock offset: 7.731 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.83 Mbit/s

95th percentile per-packet one-way delay: 82.432 ms

Loss rate: 1.11%

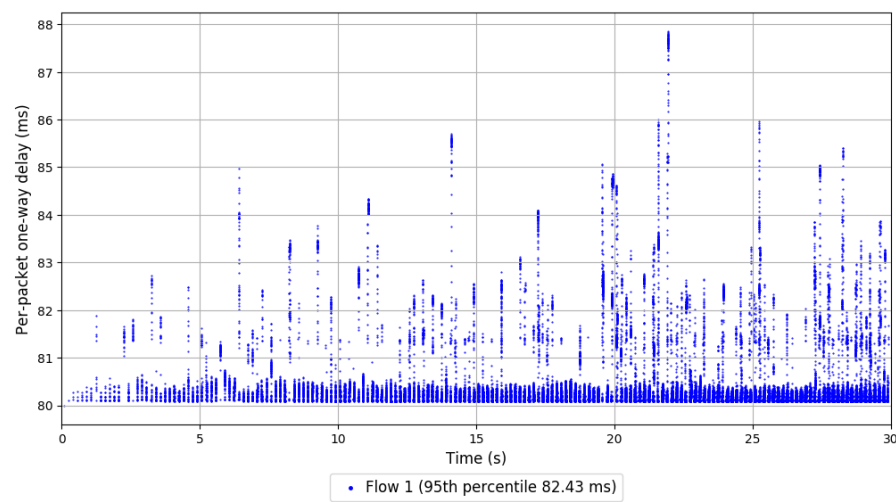
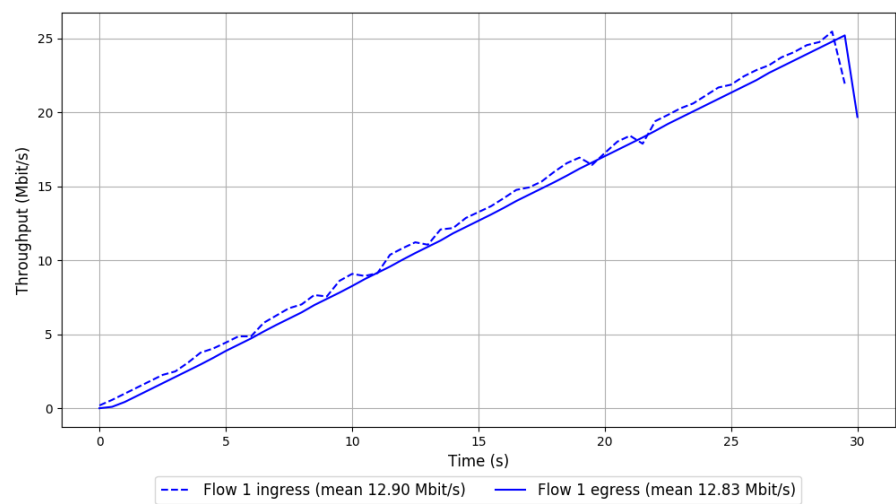
-- Flow 1:

Average throughput: 12.83 Mbit/s

95th percentile per-packet one-way delay: 82.432 ms

Loss rate: 1.11%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-08-22 11:54:38

End at: 2018-08-22 11:55:08

Local clock offset: -4.885 ms

Remote clock offset: 3.103 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.94 Mbit/s

95th percentile per-packet one-way delay: 84.687 ms

Loss rate: 1.11%

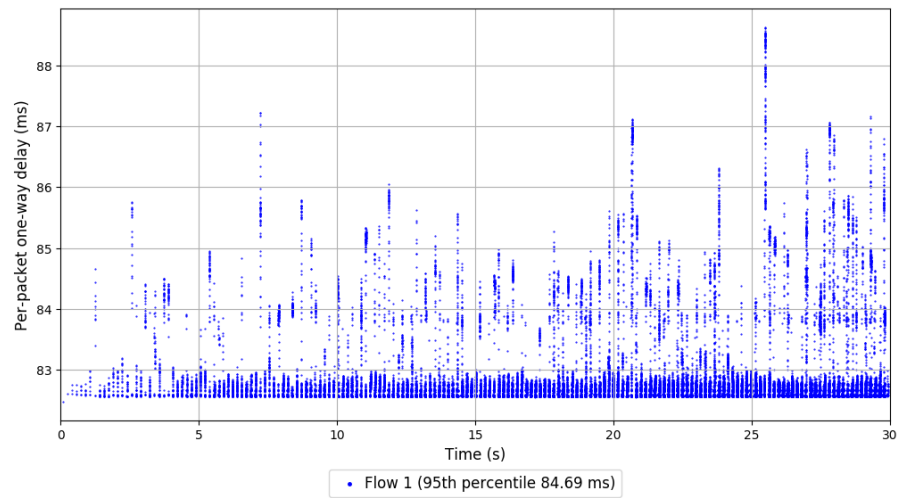
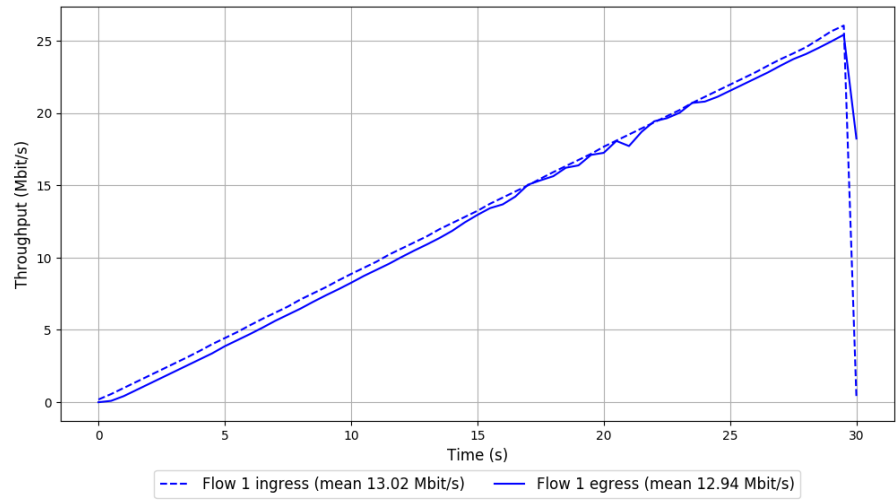
-- Flow 1:

Average throughput: 12.94 Mbit/s

95th percentile per-packet one-way delay: 84.687 ms

Loss rate: 1.11%

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



Run 4: Statistics of LEDBAT

Start at: 2018-08-22 12:14:37

End at: 2018-08-22 12:15:07

Local clock offset: -5.07 ms

Remote clock offset: 4.335 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.07 Mbit/s

95th percentile per-packet one-way delay: 85.549 ms

Loss rate: 1.10%

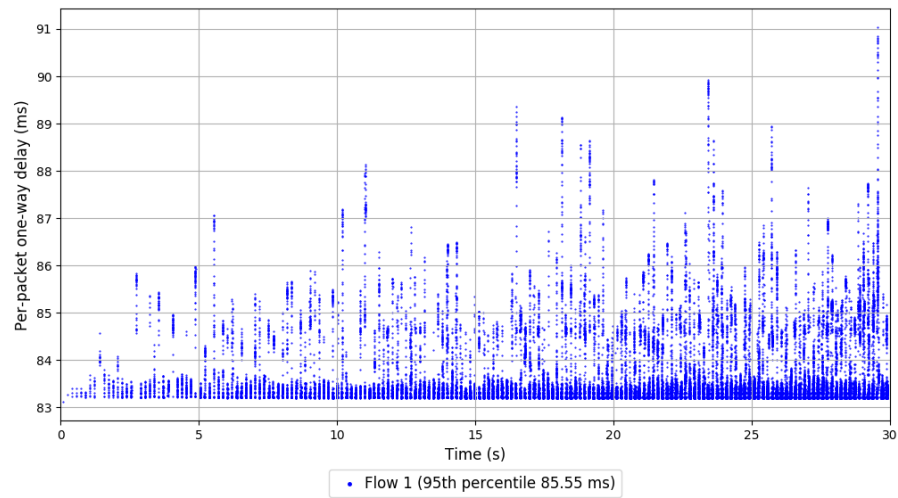
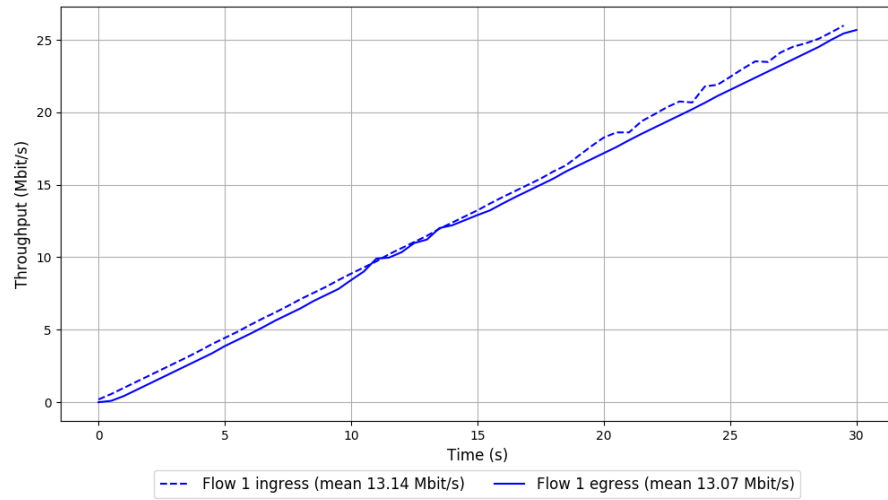
-- Flow 1:

Average throughput: 13.07 Mbit/s

95th percentile per-packet one-way delay: 85.549 ms

Loss rate: 1.10%

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



Run 5: Statistics of LEDBAT

Start at: 2018-08-22 12:34:35

End at: 2018-08-22 12:35:05

Local clock offset: -3.849 ms

Remote clock offset: 8.181 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 79.618 ms

Loss rate: 1.06%

-- Flow 1:

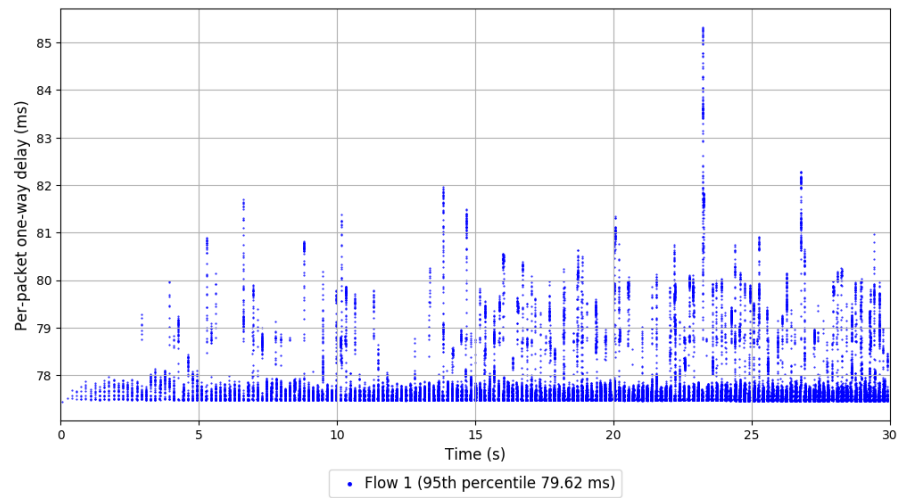
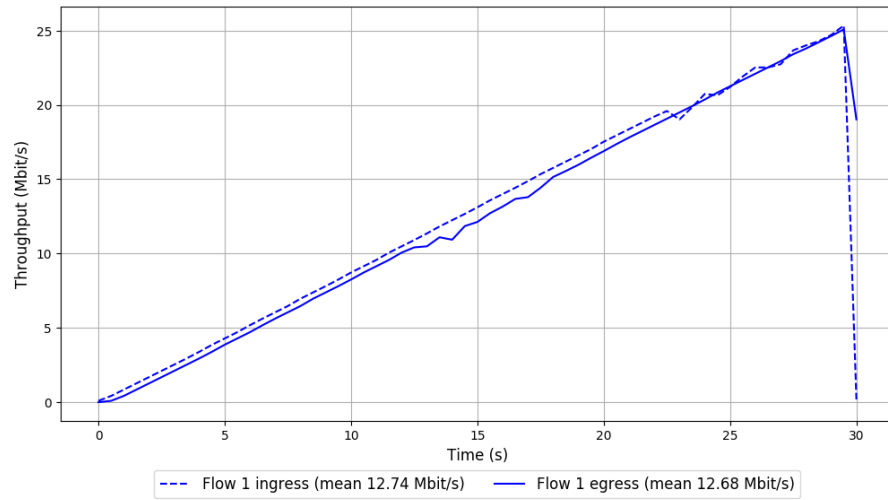
Average throughput: 12.68 Mbit/s

95th percentile per-packet one-way delay: 79.618 ms

Loss rate: 1.06%



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



Run 6: Statistics of LEDBAT

Start at: 2018-08-22 12:54:32

End at: 2018-08-22 12:55:02

Local clock offset: -4.534 ms

Remote clock offset: 8.275 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.28 Mbit/s

95th percentile per-packet one-way delay: 77.941 ms

Loss rate: 1.09%

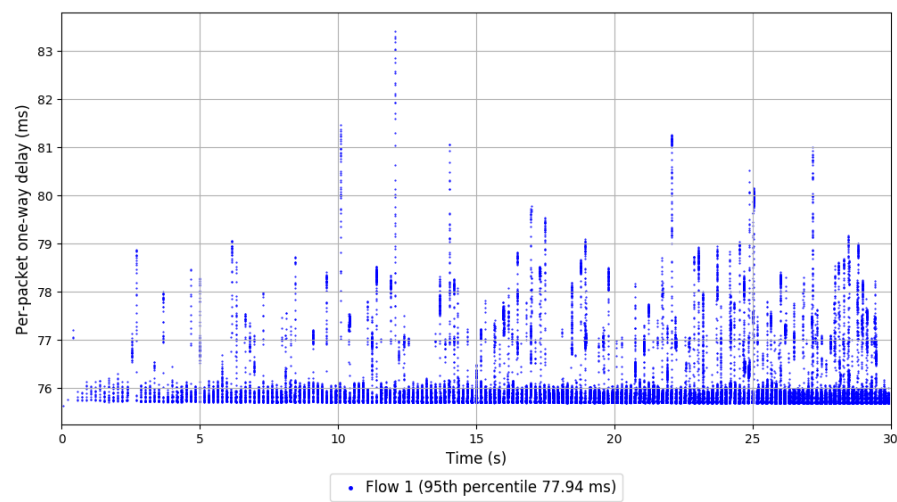
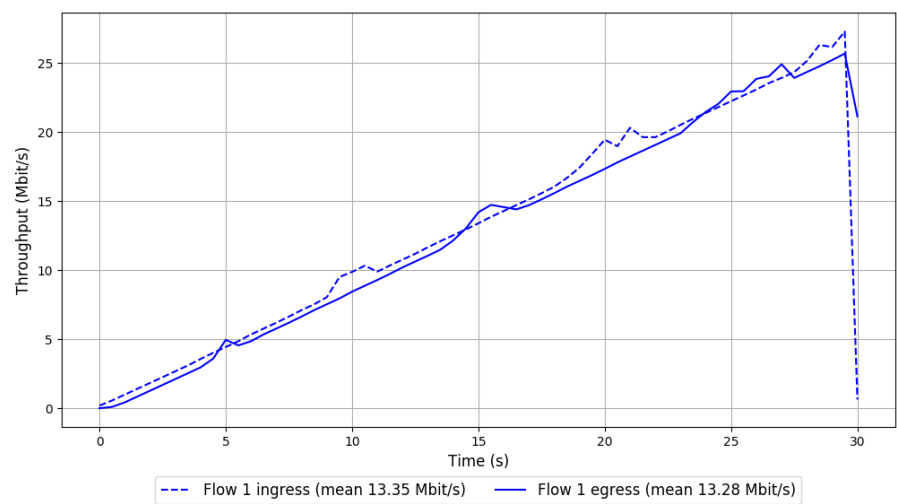
-- Flow 1:

Average throughput: 13.28 Mbit/s

95th percentile per-packet one-way delay: 77.941 ms

Loss rate: 1.09%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-08-22 13:14:22

End at: 2018-08-22 13:14:52

Local clock offset: -6.897 ms

Remote clock offset: 1.62 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.65 Mbit/s

95th percentile per-packet one-way delay: 85.245 ms

Loss rate: 1.11%

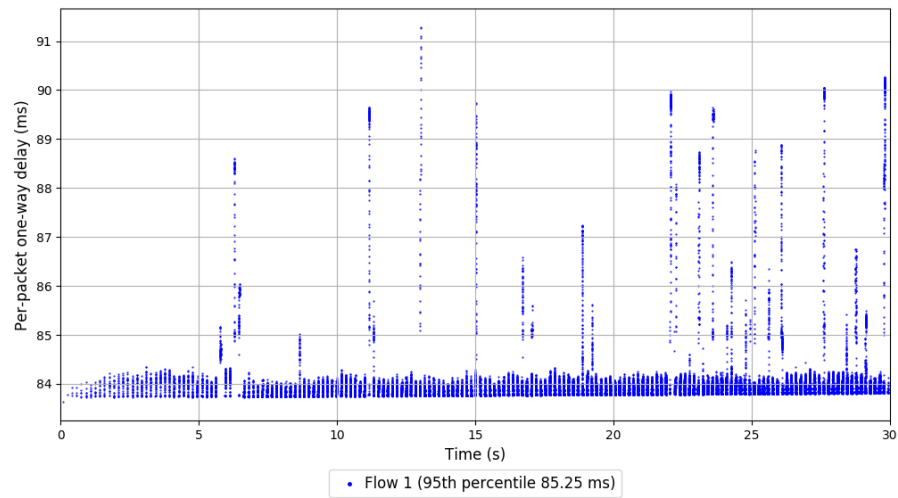
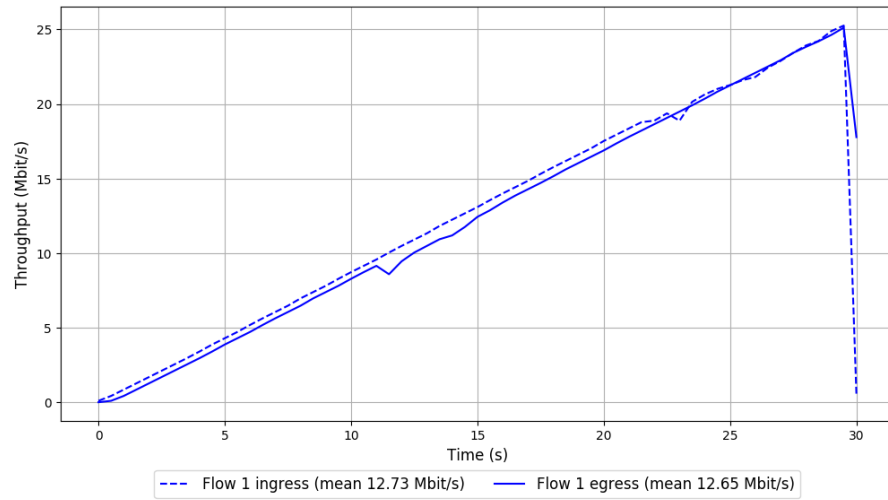
-- Flow 1:

Average throughput: 12.65 Mbit/s

95th percentile per-packet one-way delay: 85.245 ms

Loss rate: 1.11%

## Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-08-22 13:34:10

End at: 2018-08-22 13:34:40

Local clock offset: -8.927 ms

Remote clock offset: 7.399 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 13.44 Mbit/s

95th percentile per-packet one-way delay: 79.944 ms

Loss rate: 1.09%

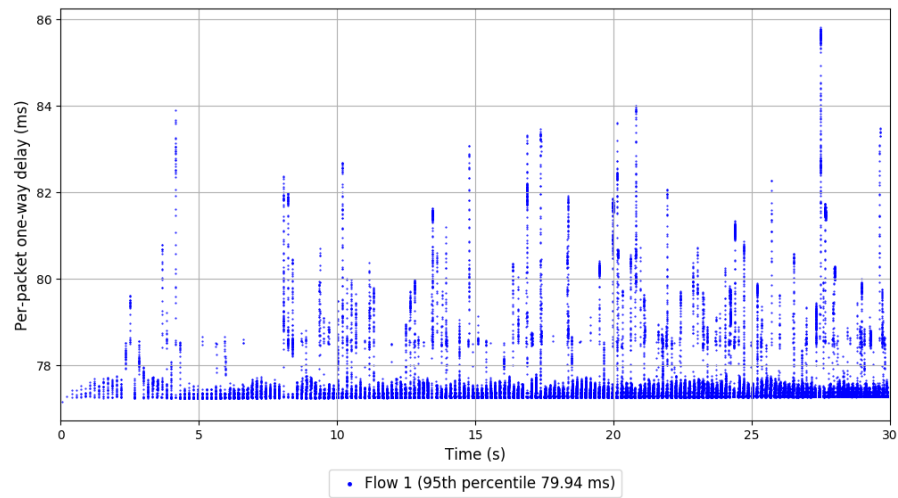
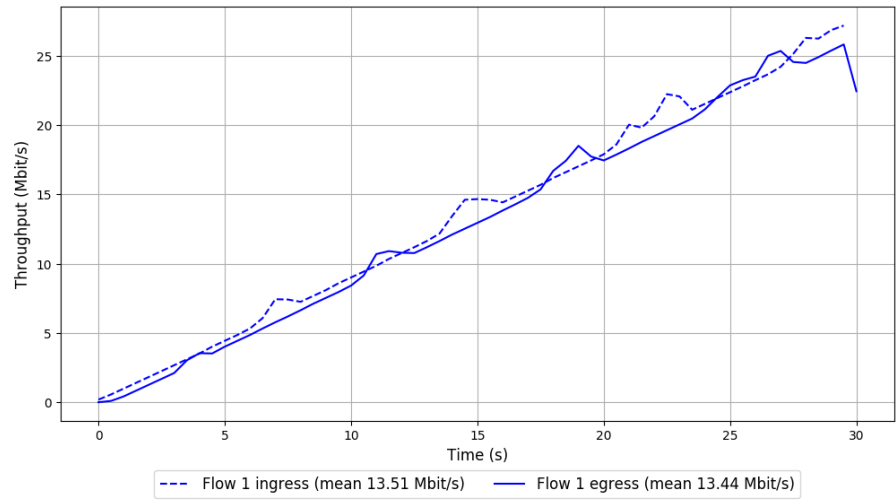
-- Flow 1:

Average throughput: 13.44 Mbit/s

95th percentile per-packet one-way delay: 79.944 ms

Loss rate: 1.09%

## Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-08-22 13:53:56

End at: 2018-08-22 13:54:26

Local clock offset: -6.598 ms

Remote clock offset: 2.514 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.94 Mbit/s

95th percentile per-packet one-way delay: 88.009 ms

Loss rate: 1.11%

-- Flow 1:

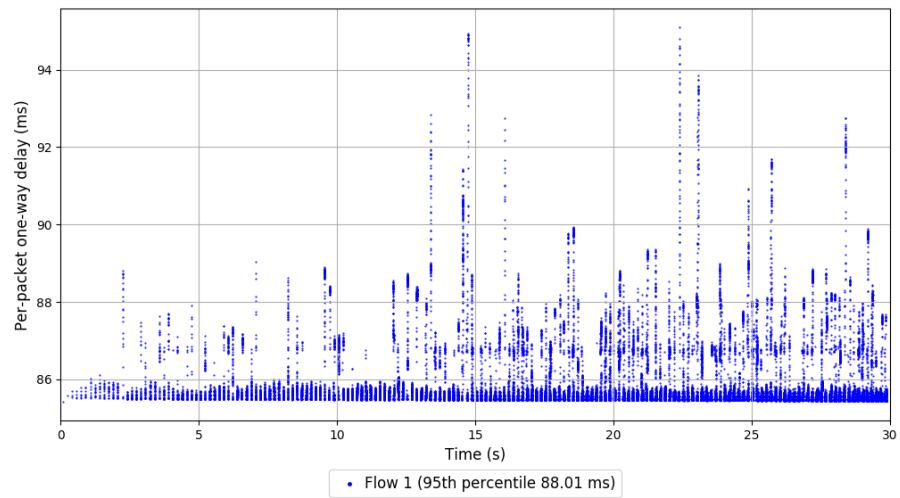
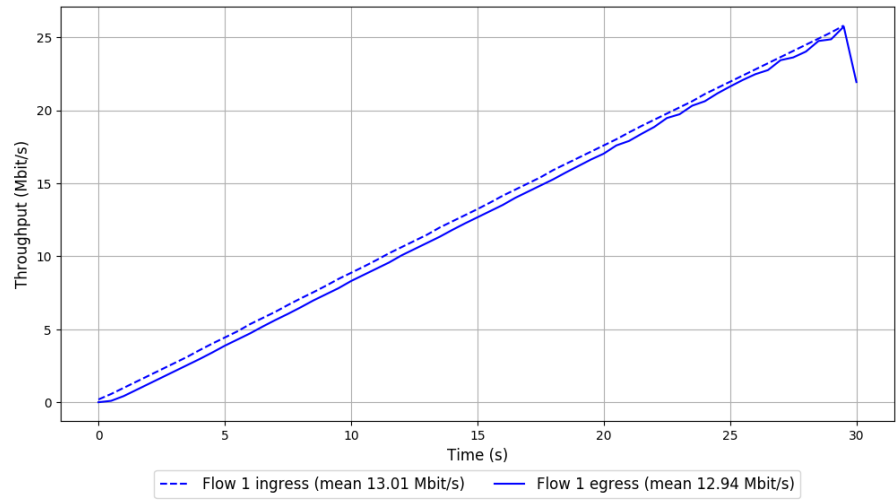
Average throughput: 12.94 Mbit/s

95th percentile per-packet one-way delay: 88.009 ms

Loss rate: 1.11%



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



Run 10: Statistics of LEDBAT

Start at: 2018-08-22 14:13:45

End at: 2018-08-22 14:14:15

Local clock offset: -5.994 ms

Remote clock offset: 1.542 ms

# Below is generated by plot.py at 2018-08-22 14:29:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 86.317 ms

Loss rate: 1.09%

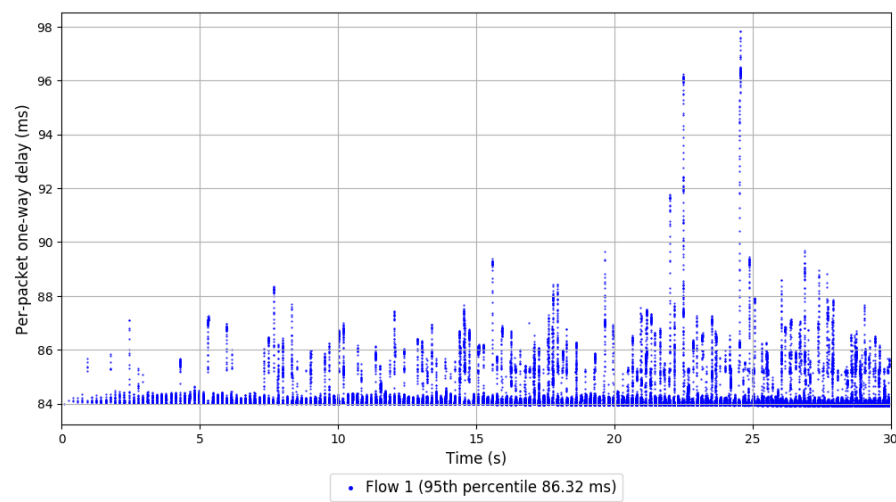
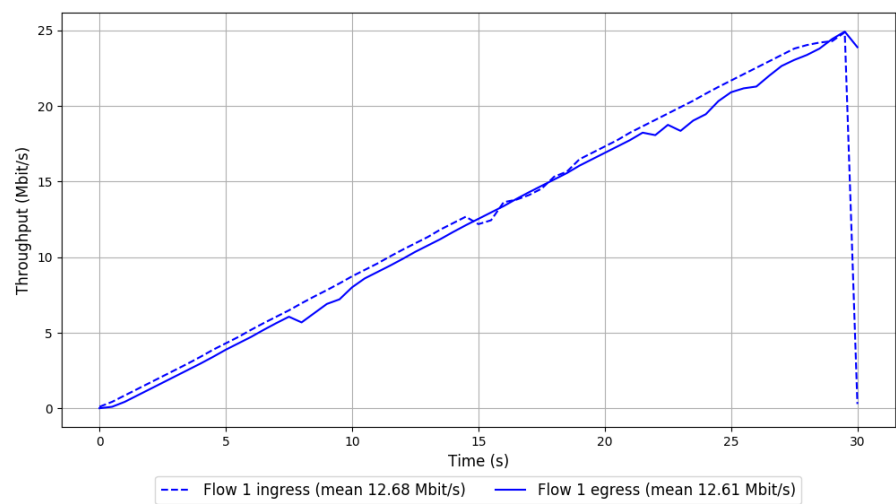
-- Flow 1:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 86.317 ms

Loss rate: 1.09%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-08-22 11:06:51

End at: 2018-08-22 11:07:21

Local clock offset: -3.66 ms

Remote clock offset: 5.067 ms

# Below is generated by plot.py at 2018-08-22 14:30:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.06 Mbit/s

95th percentile per-packet one-way delay: 88.607 ms

Loss rate: 0.57%

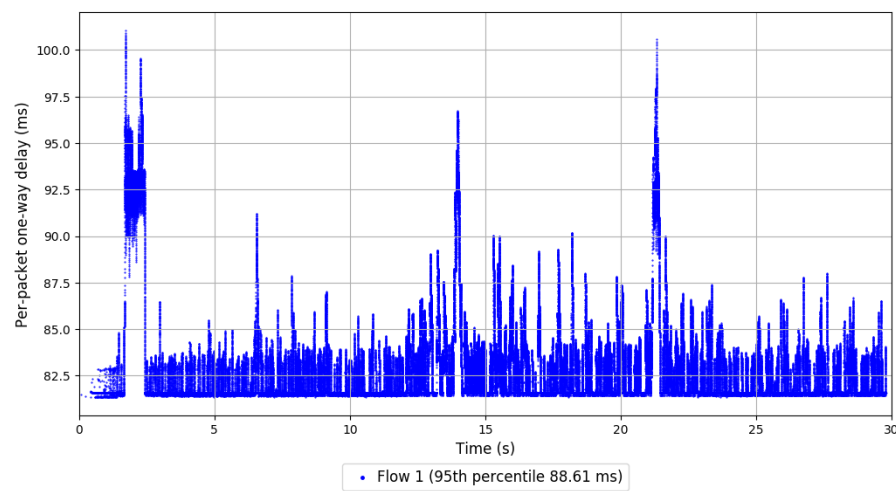
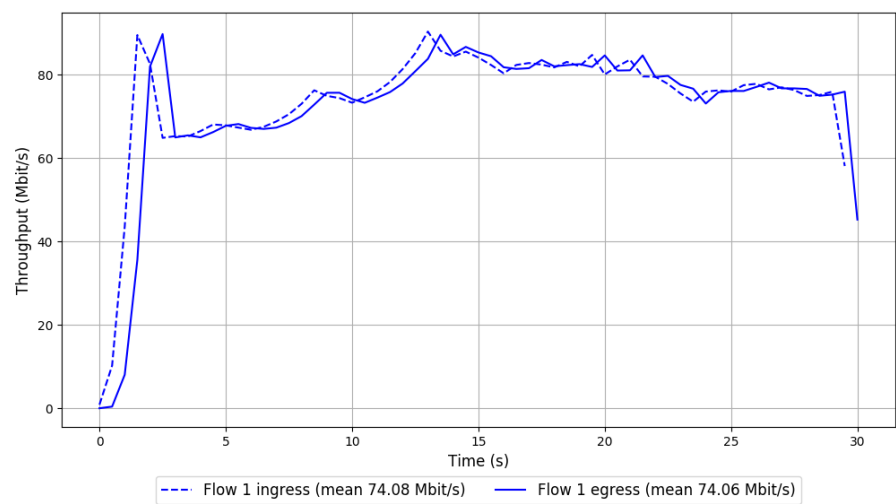
-- Flow 1:

Average throughput: 74.06 Mbit/s

95th percentile per-packet one-way delay: 88.607 ms

Loss rate: 0.57%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-08-22 11:26:40

End at: 2018-08-22 11:27:10

Local clock offset: -4.738 ms

Remote clock offset: 8.833 ms

# Below is generated by plot.py at 2018-08-22 14:30:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.15 Mbit/s

95th percentile per-packet one-way delay: 90.395 ms

Loss rate: 0.71%

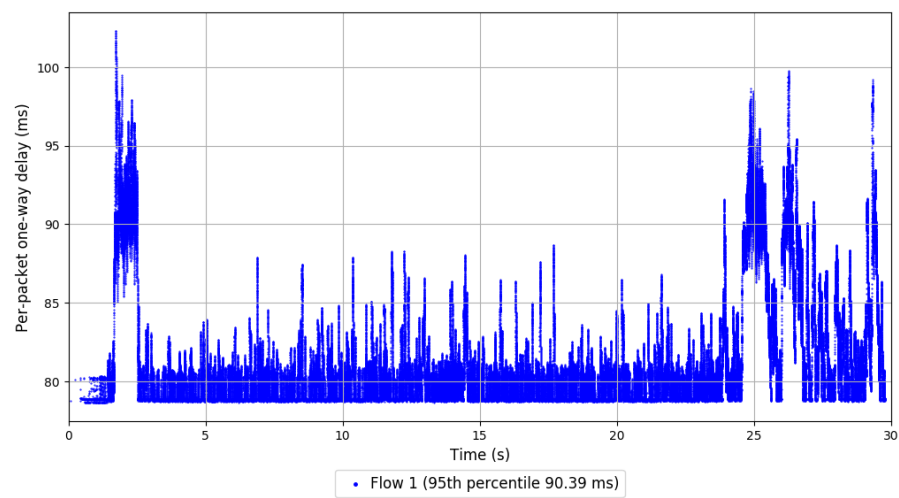
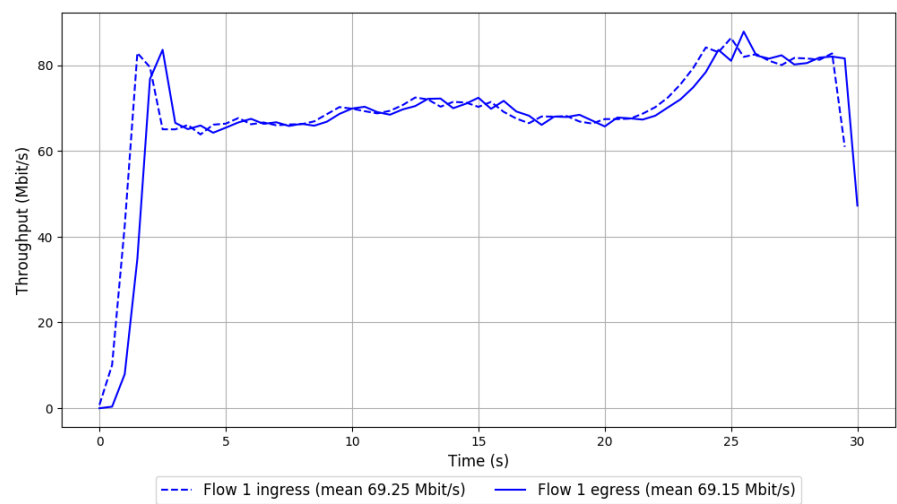
-- Flow 1:

Average throughput: 69.15 Mbit/s

95th percentile per-packet one-way delay: 90.395 ms

Loss rate: 0.71%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-22 11:46:27

End at: 2018-08-22 11:46:57

Local clock offset: -4.816 ms

Remote clock offset: 4.048 ms

# Below is generated by plot.py at 2018-08-22 14:30:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.65 Mbit/s

95th percentile per-packet one-way delay: 93.121 ms

Loss rate: 0.67%

-- Flow 1:

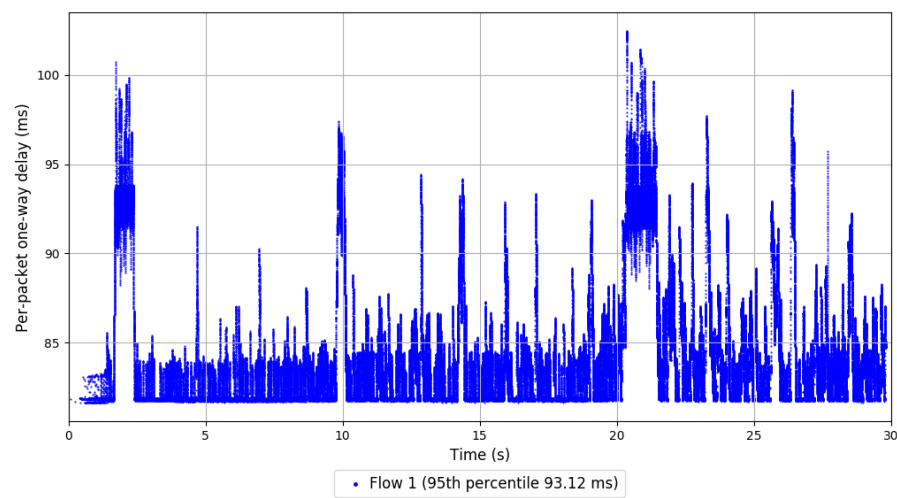
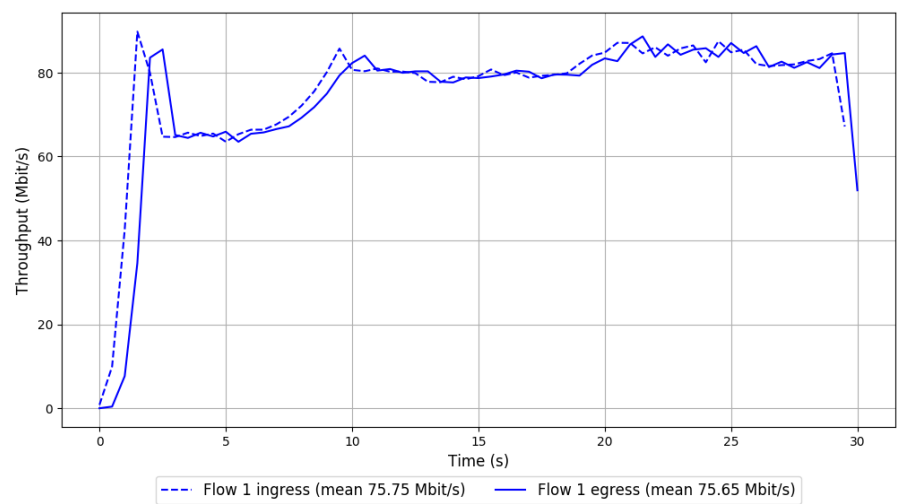
Average throughput: 75.65 Mbit/s

95th percentile per-packet one-way delay: 93.121 ms

Loss rate: 0.67%



Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-22 12:06:16

End at: 2018-08-22 12:06:46

Local clock offset: -4.038 ms

Remote clock offset: 6.75 ms

# Below is generated by plot.py at 2018-08-22 14:30:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.24 Mbit/s

95th percentile per-packet one-way delay: 91.480 ms

Loss rate: 0.67%

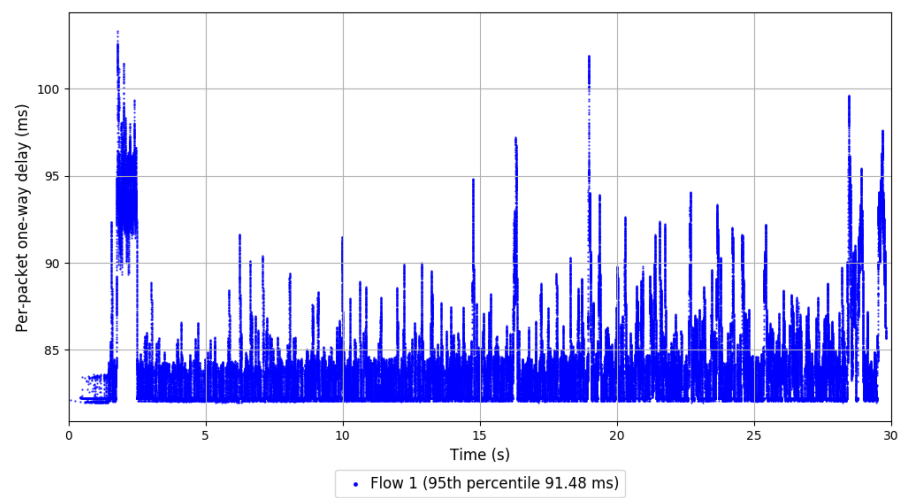
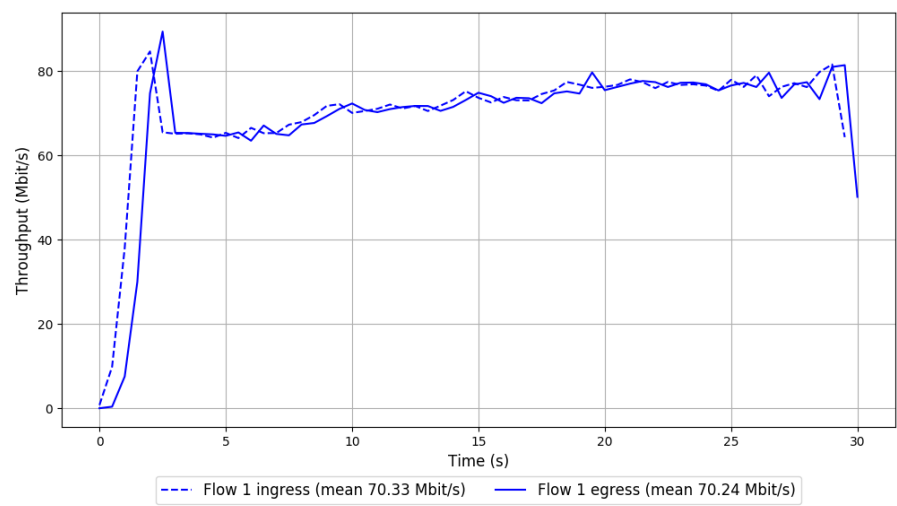
-- Flow 1:

Average throughput: 70.24 Mbit/s

95th percentile per-packet one-way delay: 91.480 ms

Loss rate: 0.67%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-22 12:26:24

End at: 2018-08-22 12:26:54

Local clock offset: -3.965 ms

Remote clock offset: 3.204 ms

# Below is generated by plot.py at 2018-08-22 14:30:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.58 Mbit/s

95th percentile per-packet one-way delay: 96.101 ms

Loss rate: 0.68%

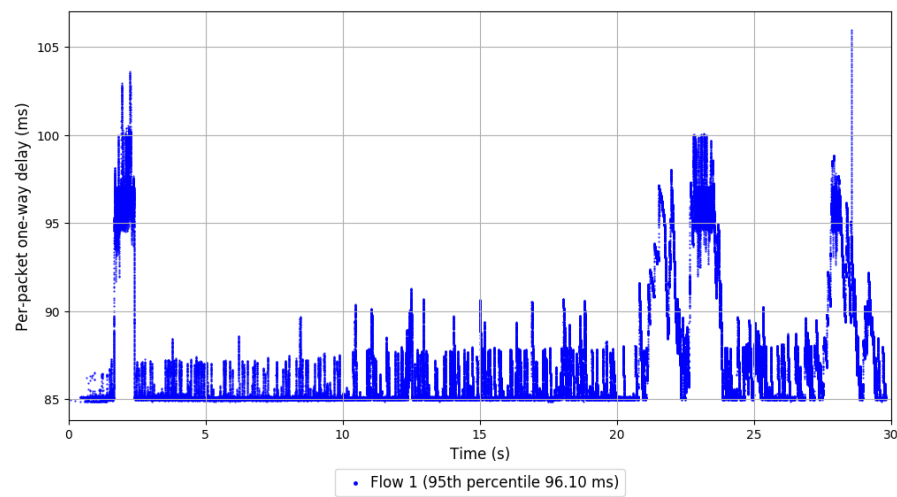
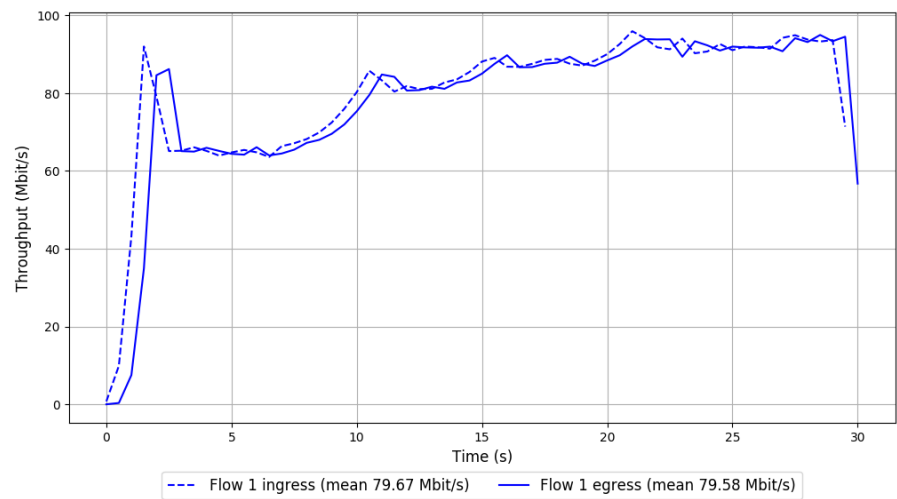
-- Flow 1:

Average throughput: 79.58 Mbit/s

95th percentile per-packet one-way delay: 96.101 ms

Loss rate: 0.68%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-22 12:46:13

End at: 2018-08-22 12:46:43

Local clock offset: -3.041 ms

Remote clock offset: 4.086 ms

# Below is generated by plot.py at 2018-08-22 14:30:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.72 Mbit/s

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

Loss rate: 0.62%

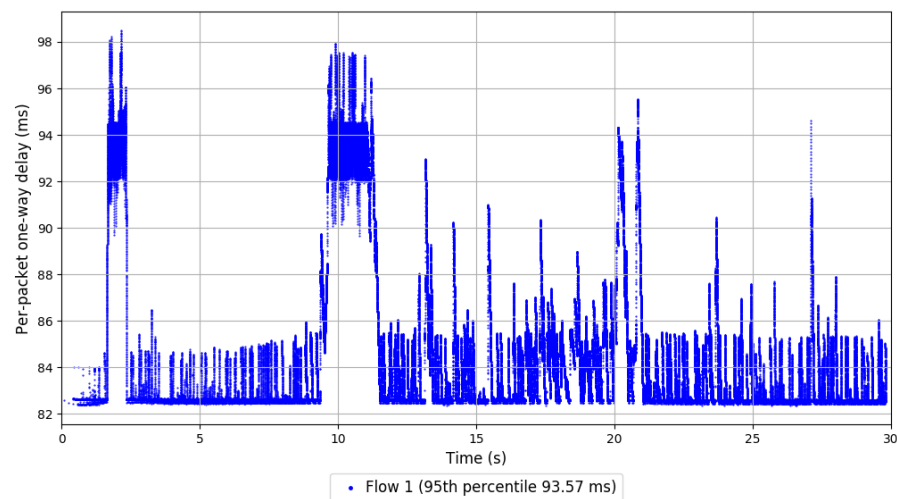
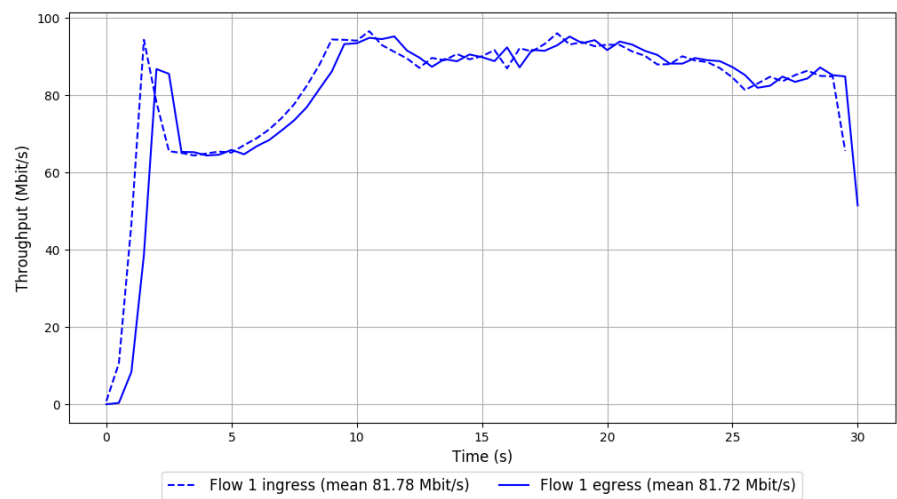
-- Flow 1:

Average throughput: 81.72 Mbit/s

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

Loss rate: 0.62%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-22 13:06:11

End at: 2018-08-22 13:06:41

Local clock offset: -3.609 ms

Remote clock offset: 6.628 ms

# Below is generated by plot.py at 2018-08-22 14:30:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.89 Mbit/s

95th percentile per-packet one-way delay: 83.093 ms

Loss rate: 0.69%

-- Flow 1:

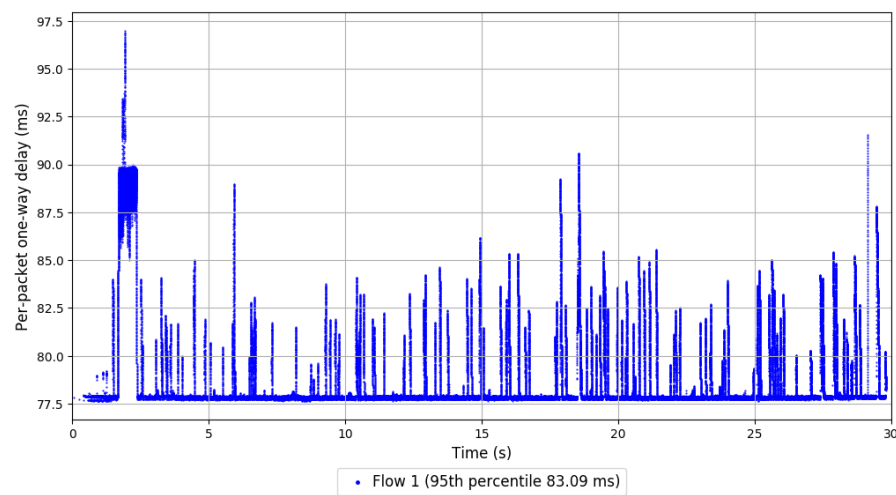
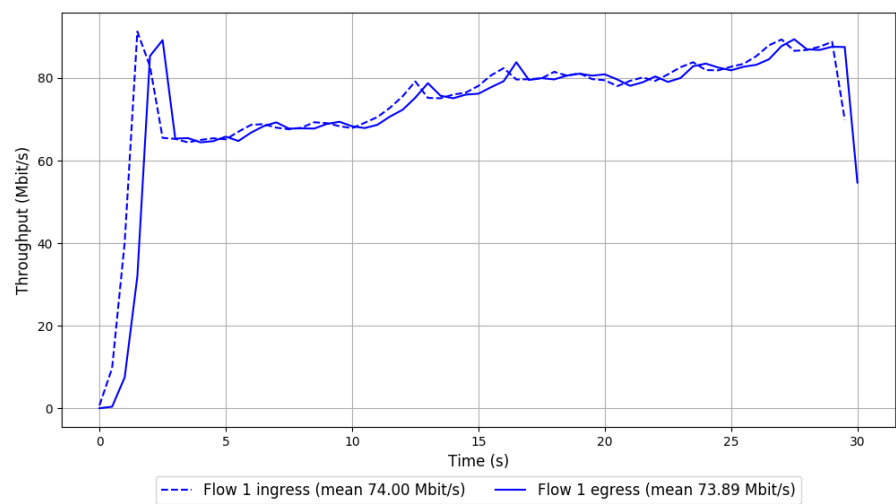
Average throughput: 73.89 Mbit/s

95th percentile per-packet one-way delay: 83.093 ms

Loss rate: 0.69%



Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-22 13:25:59

End at: 2018-08-22 13:26:29

Local clock offset: -7.743 ms

Remote clock offset: 8.264 ms

# Below is generated by plot.py at 2018-08-22 14:30:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.14 Mbit/s

95th percentile per-packet one-way delay: 86.287 ms

Loss rate: 0.63%

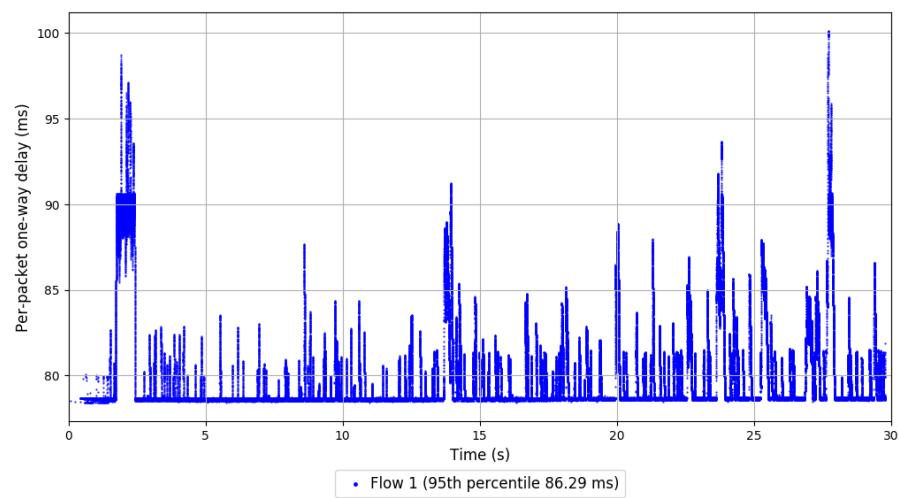
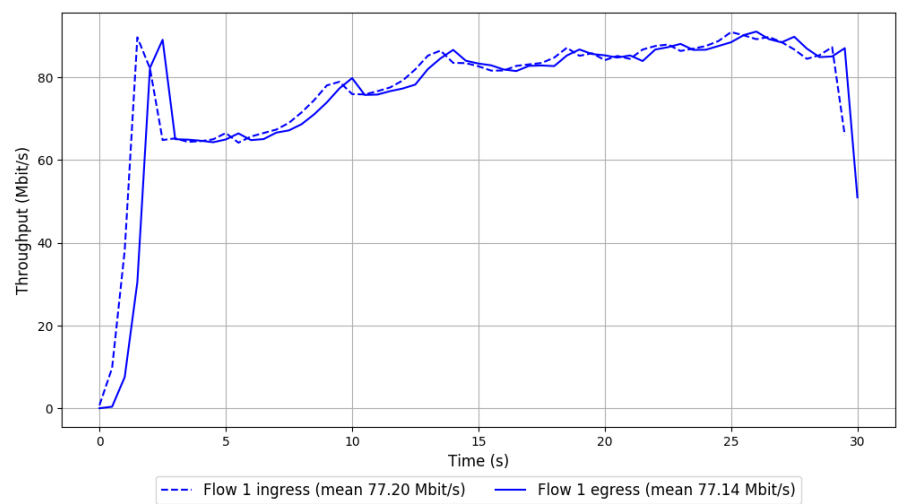
-- Flow 1:

Average throughput: 77.14 Mbit/s

95th percentile per-packet one-way delay: 86.287 ms

Loss rate: 0.63%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-22 13:45:46

End at: 2018-08-22 13:46:16

Local clock offset: -6.782 ms

Remote clock offset: 7.435 ms

# Below is generated by plot.py at 2018-08-22 14:31:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.39 Mbit/s

95th percentile per-packet one-way delay: 82.838 ms

Loss rate: 2.51%

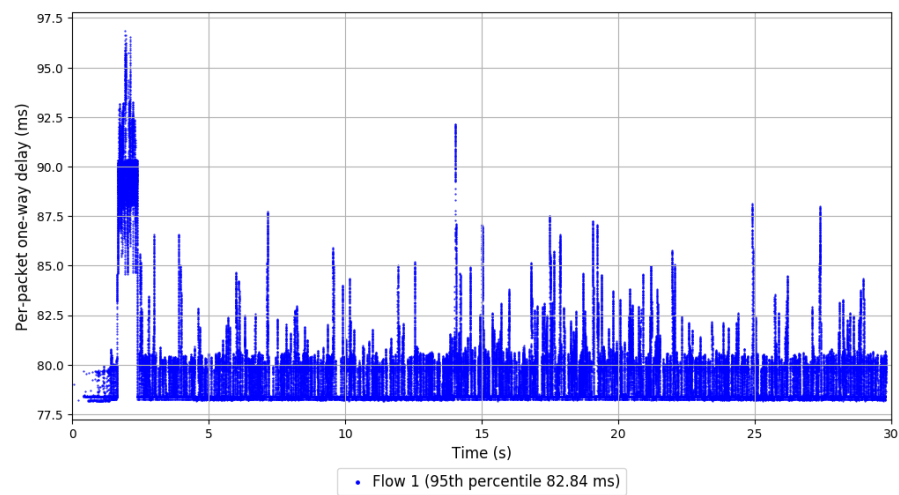
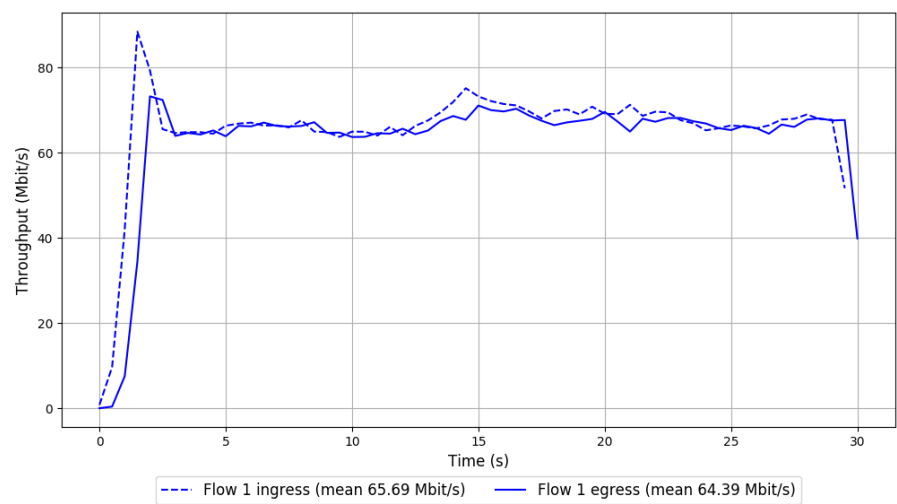
-- Flow 1:

Average throughput: 64.39 Mbit/s

95th percentile per-packet one-way delay: 82.838 ms

Loss rate: 2.51%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-22 14:05:34

End at: 2018-08-22 14:06:04

Local clock offset: -7.332 ms

Remote clock offset: 6.653 ms

# Below is generated by plot.py at 2018-08-22 14:31:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.51 Mbit/s

95th percentile per-packet one-way delay: 88.593 ms

Loss rate: 0.57%

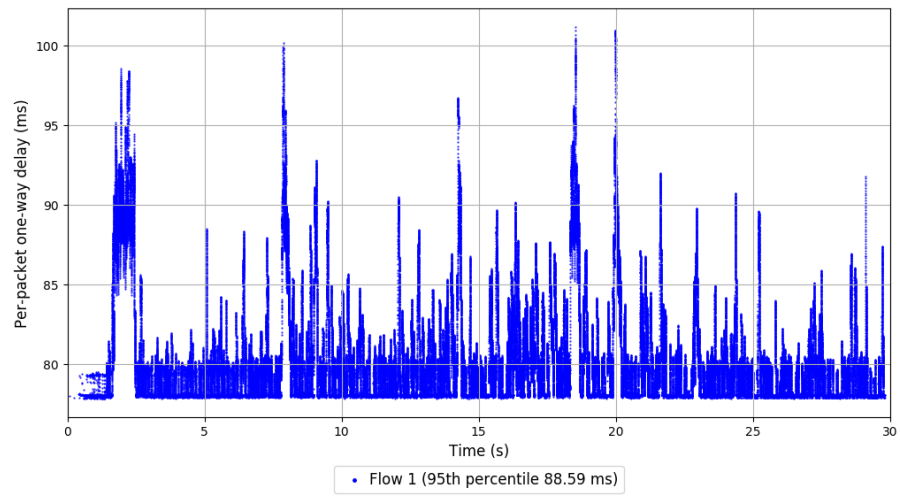
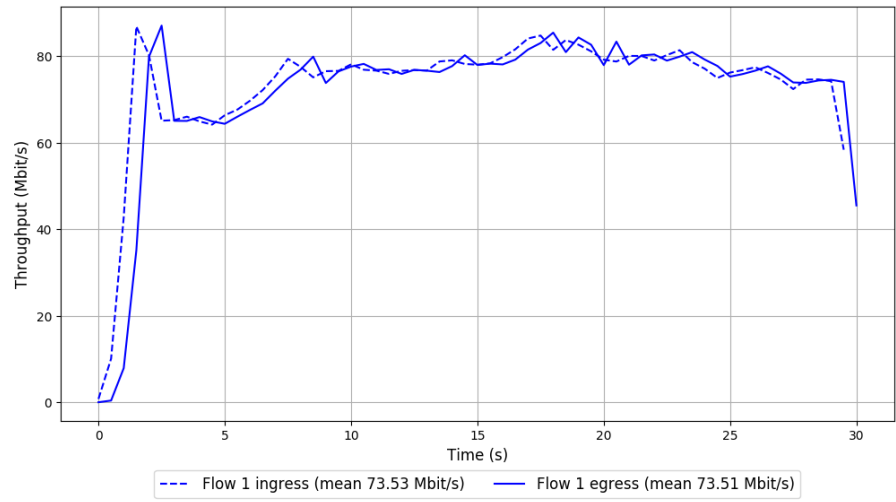
-- Flow 1:

Average throughput: 73.51 Mbit/s

95th percentile per-packet one-way delay: 88.593 ms

Loss rate: 0.57%

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



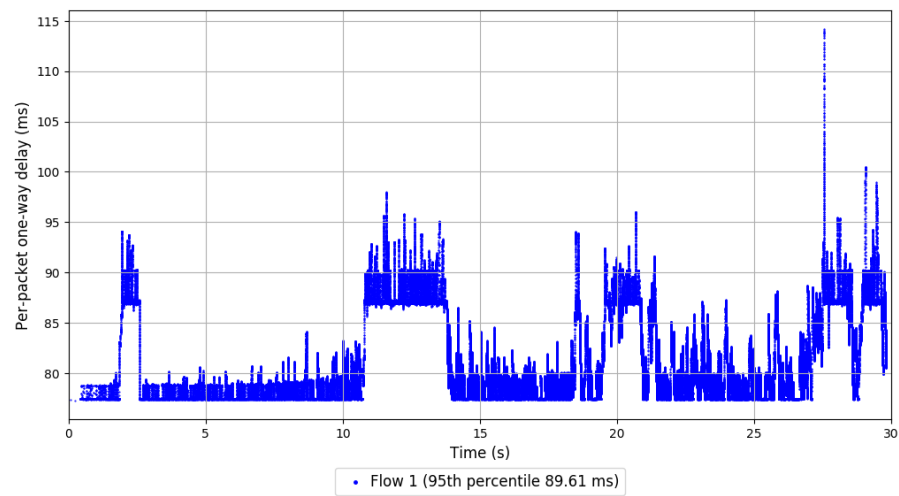
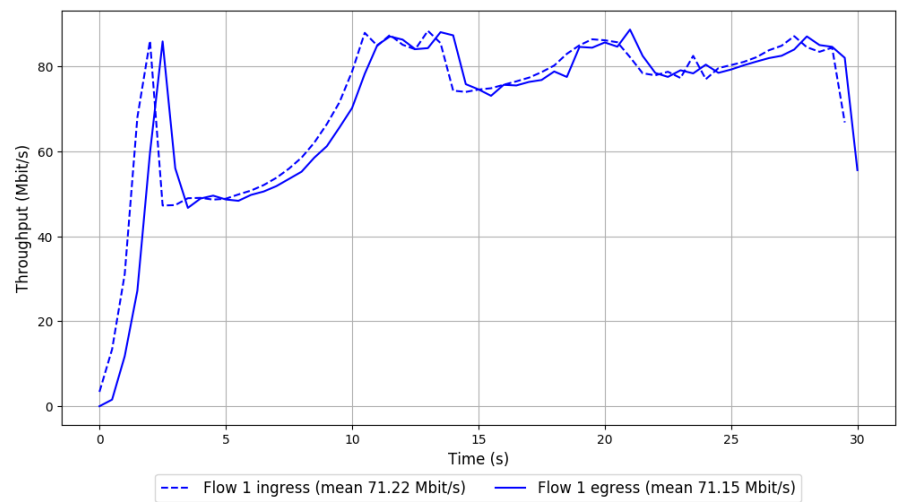
```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-22 11:11:31
End at: 2018-08-22 11:12:01
Local clock offset: -4.986 ms
Remote clock offset: 8.268 ms

# Below is generated by plot.py at 2018-08-22 14:32:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.15 Mbit/s
95th percentile per-packet one-way delay: 89.608 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 71.15 Mbit/s
95th percentile per-packet one-way delay: 89.608 ms
Loss rate: 0.65%
```



Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-08-22 11:31:18

End at: 2018-08-22 11:31:48

Local clock offset: -4.794 ms

Remote clock offset: 2.959 ms

# Below is generated by plot.py at 2018-08-22 14:32:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.11 Mbit/s

95th percentile per-packet one-way delay: 95.143 ms

Loss rate: 0.89%

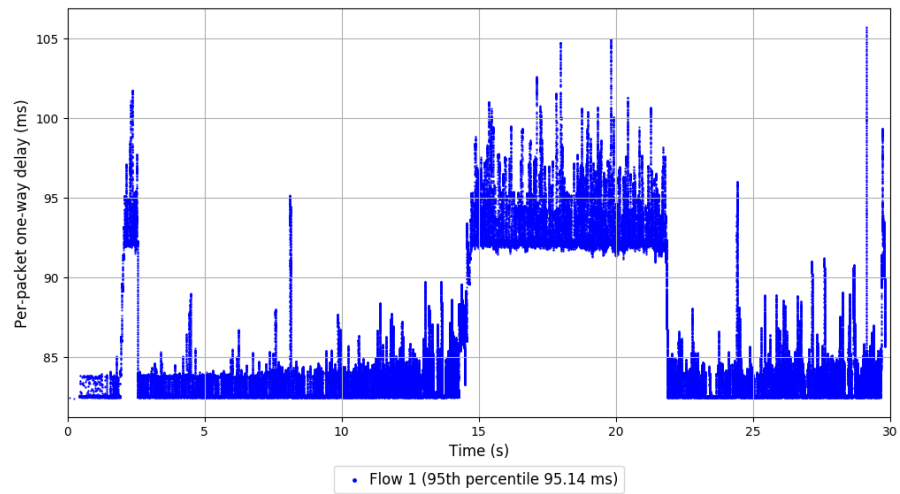
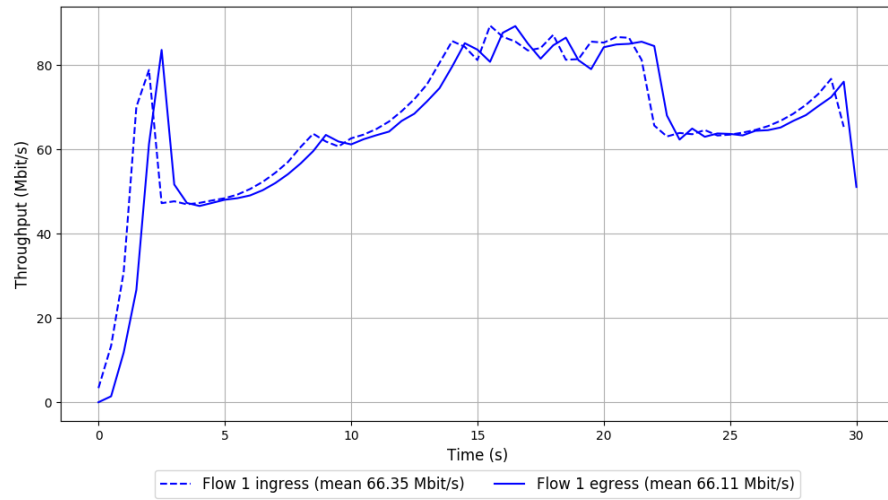
-- Flow 1:

Average throughput: 66.11 Mbit/s

95th percentile per-packet one-way delay: 95.143 ms

Loss rate: 0.89%

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



Run 3: Statistics of PCC-Expr

Start at: 2018-08-22 11:51:06

End at: 2018-08-22 11:51:36

Local clock offset: -4.824 ms

Remote clock offset: 4.061 ms

# Below is generated by plot.py at 2018-08-22 14:32:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.57 Mbit/s

95th percentile per-packet one-way delay: 92.963 ms

Loss rate: 0.75%

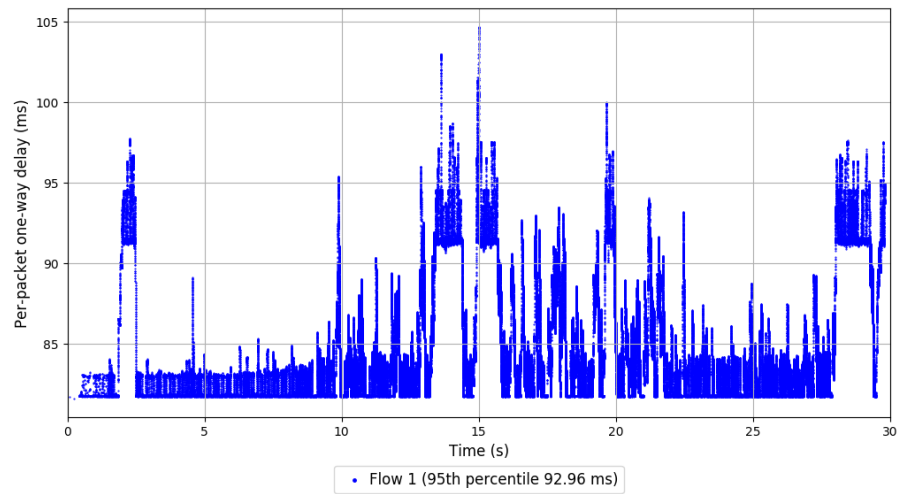
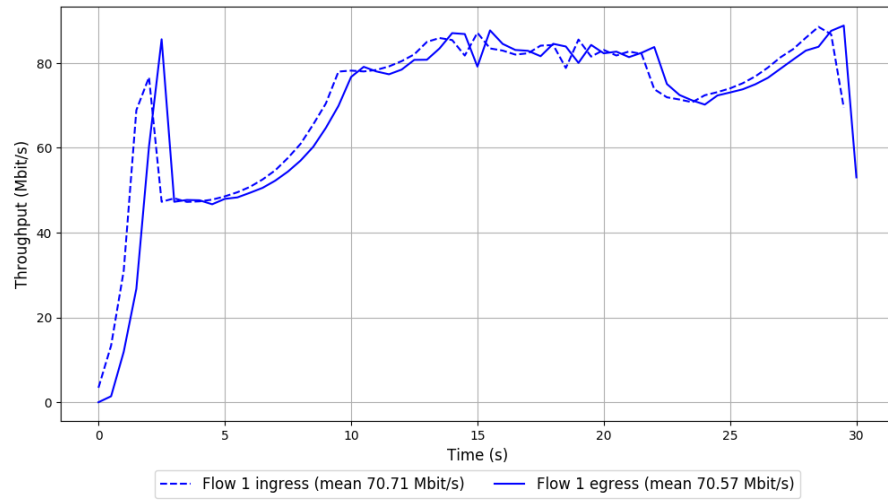
-- Flow 1:

Average throughput: 70.57 Mbit/s

95th percentile per-packet one-way delay: 92.963 ms

Loss rate: 0.75%

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



Run 4: Statistics of PCC-Expr

Start at: 2018-08-22 12:11:05

End at: 2018-08-22 12:11:35

Local clock offset: -5.318 ms

Remote clock offset: 8.026 ms

# Below is generated by plot.py at 2018-08-22 14:32:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.13 Mbit/s

95th percentile per-packet one-way delay: 88.863 ms

Loss rate: 0.70%

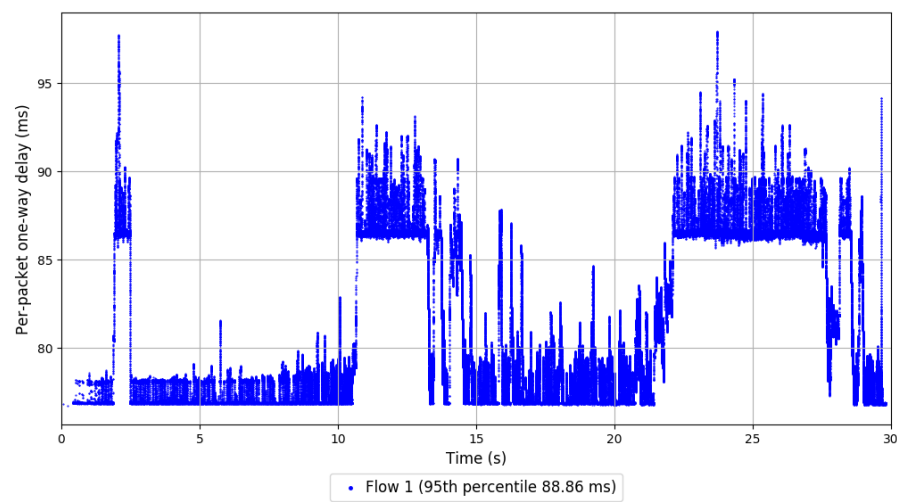
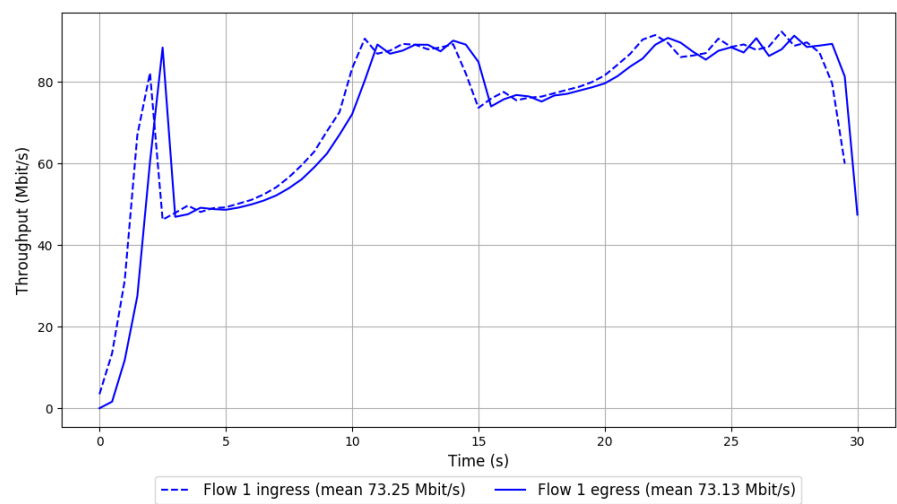
-- Flow 1:

Average throughput: 73.13 Mbit/s

95th percentile per-packet one-way delay: 88.863 ms

Loss rate: 0.70%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-08-22 12:31:03

End at: 2018-08-22 12:31:33

Local clock offset: -3.888 ms

Remote clock offset: 4.282 ms

# Below is generated by plot.py at 2018-08-22 14:32:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 81.69 Mbit/s

95th percentile per-packet one-way delay: 93.951 ms

Loss rate: 0.66%

-- Flow 1:

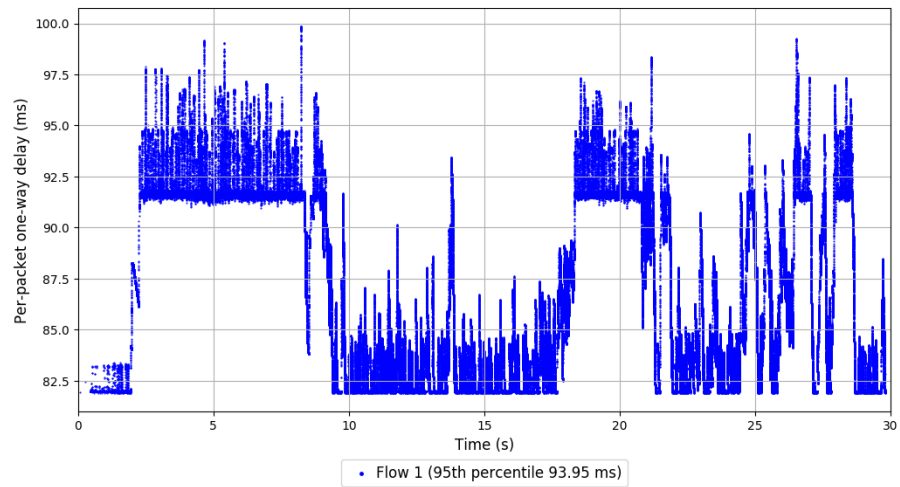
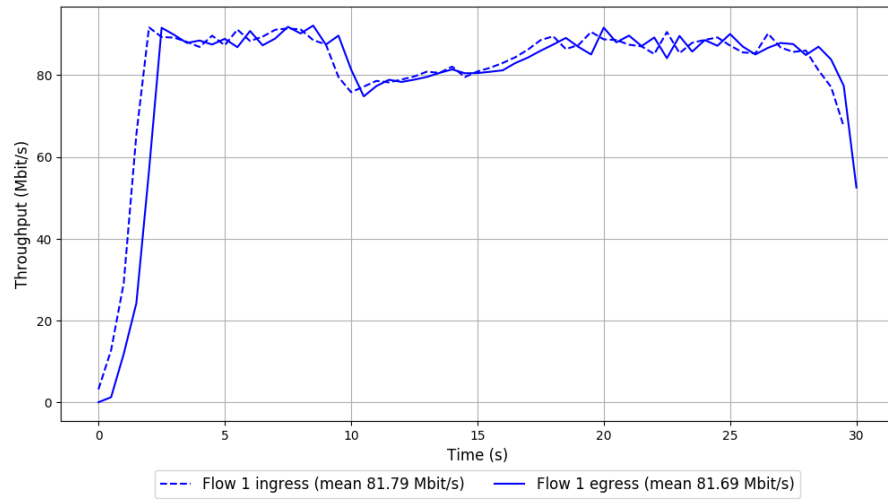
Average throughput: 81.69 Mbit/s

95th percentile per-packet one-way delay: 93.951 ms

Loss rate: 0.66%



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



Run 6: Statistics of PCC-Expr

Start at: 2018-08-22 12:50:52

End at: 2018-08-22 12:51:22

Local clock offset: -3.799 ms

Remote clock offset: 8.454 ms

# Below is generated by plot.py at 2018-08-22 14:32:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.48 Mbit/s

95th percentile per-packet one-way delay: 79.307 ms

Loss rate: 2.53%

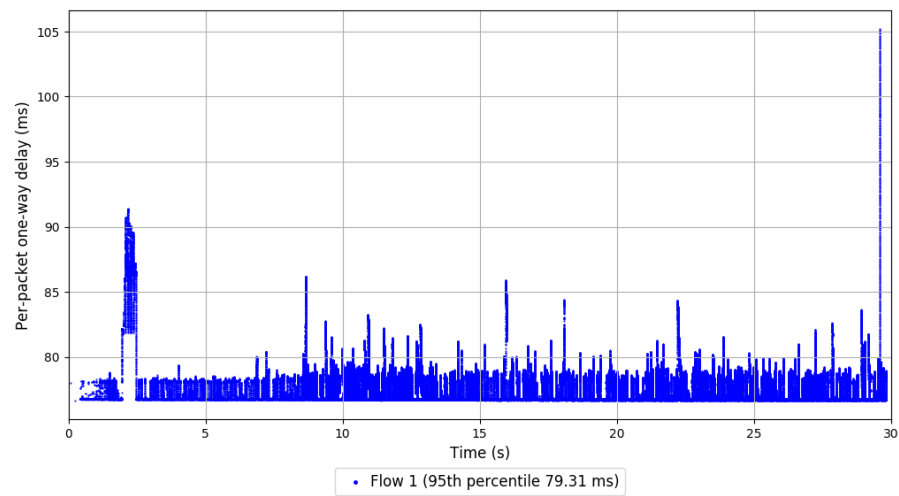
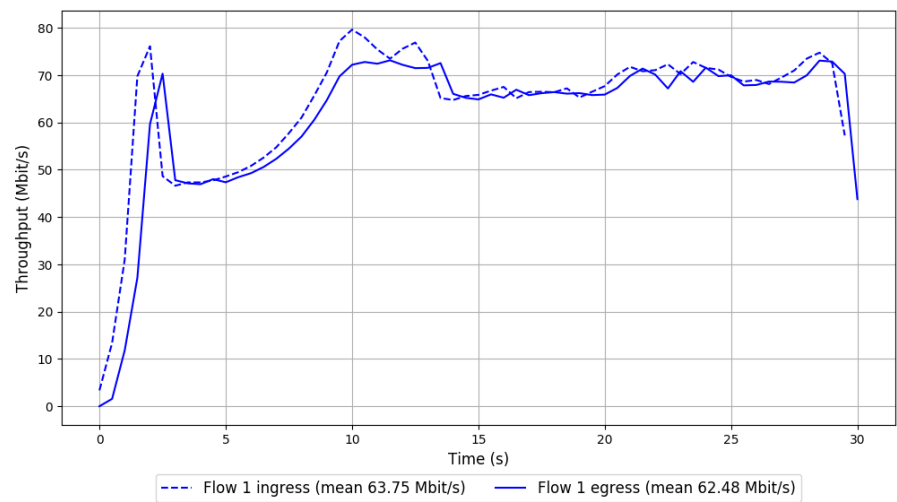
-- Flow 1:

Average throughput: 62.48 Mbit/s

95th percentile per-packet one-way delay: 79.307 ms

Loss rate: 2.53%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-08-22 13:10:50

End at: 2018-08-22 13:11:20

Local clock offset: -5.838 ms

Remote clock offset: 2.63 ms

# Below is generated by plot.py at 2018-08-22 14:32:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.24 Mbit/s

95th percentile per-packet one-way delay: 93.322 ms

Loss rate: 0.77%

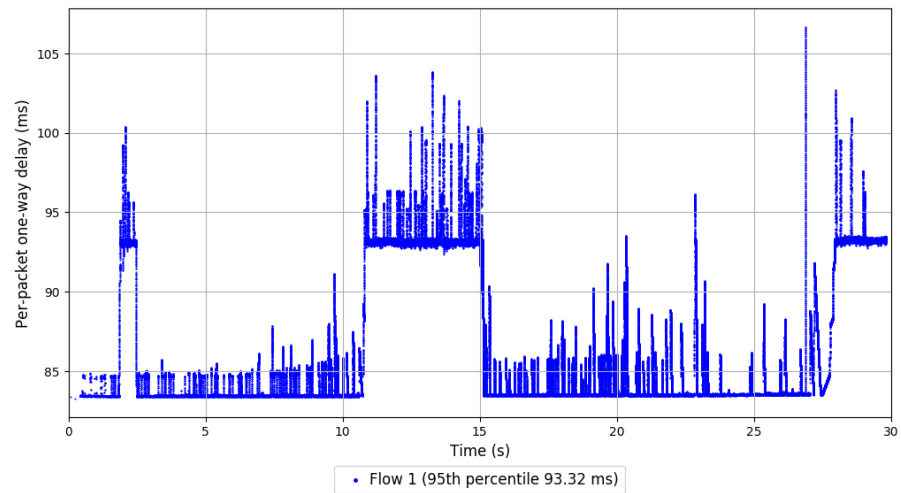
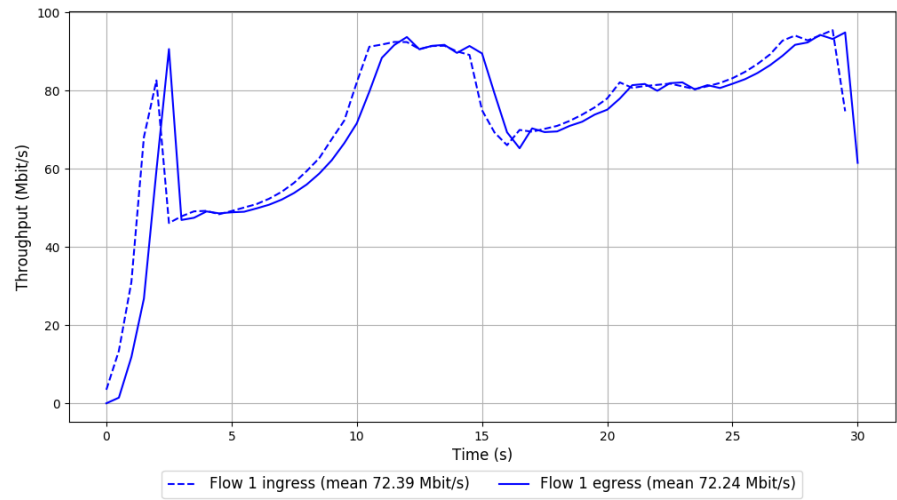
-- Flow 1:

Average throughput: 72.24 Mbit/s

95th percentile per-packet one-way delay: 93.322 ms

Loss rate: 0.77%

## Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-08-22 13:30:38

End at: 2018-08-22 13:31:08

Local clock offset: -7.204 ms

Remote clock offset: 8.363 ms

# Below is generated by plot.py at 2018-08-22 14:33:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.78 Mbit/s

95th percentile per-packet one-way delay: 91.084 ms

Loss rate: 0.75%

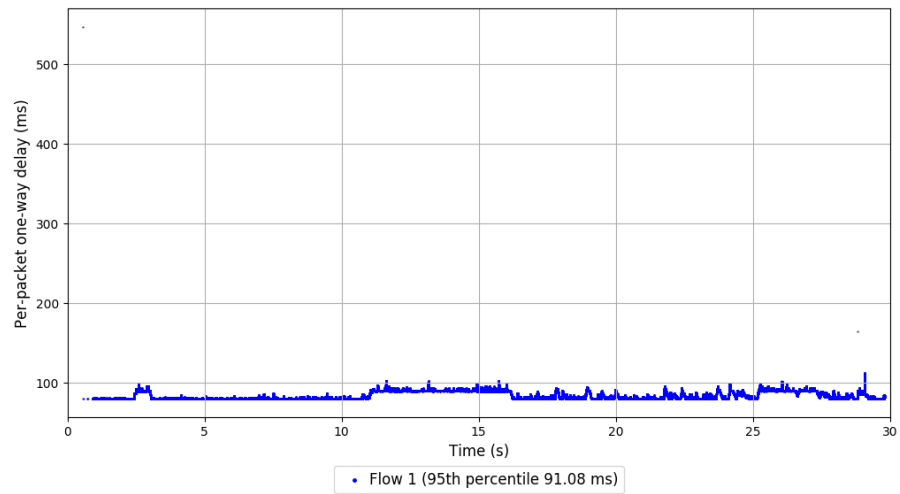
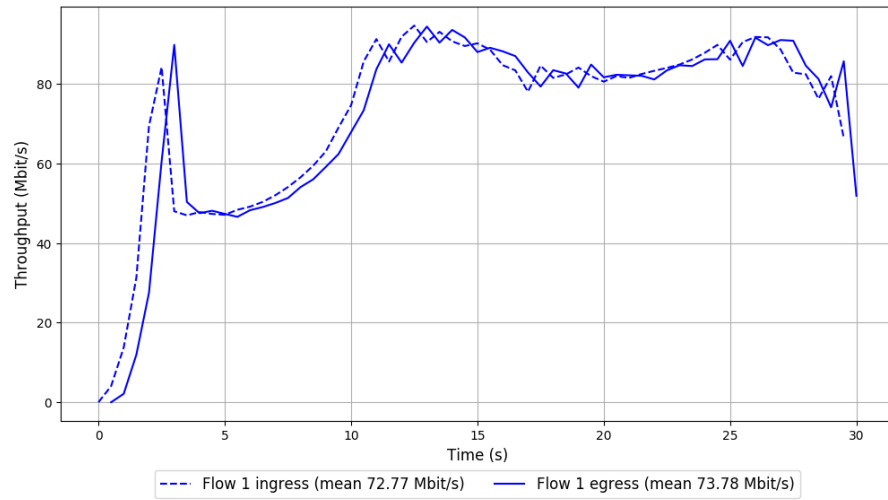
-- Flow 1:

Average throughput: 73.78 Mbit/s

95th percentile per-packet one-way delay: 91.084 ms

Loss rate: 0.75%

## Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-08-22 13:50:24

End at: 2018-08-22 13:50:55

Local clock offset: -8.178 ms

Remote clock offset: 3.781 ms

# Below is generated by plot.py at 2018-08-22 14:33:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.03 Mbit/s

95th percentile per-packet one-way delay: 96.022 ms

Loss rate: 0.87%

-- Flow 1:

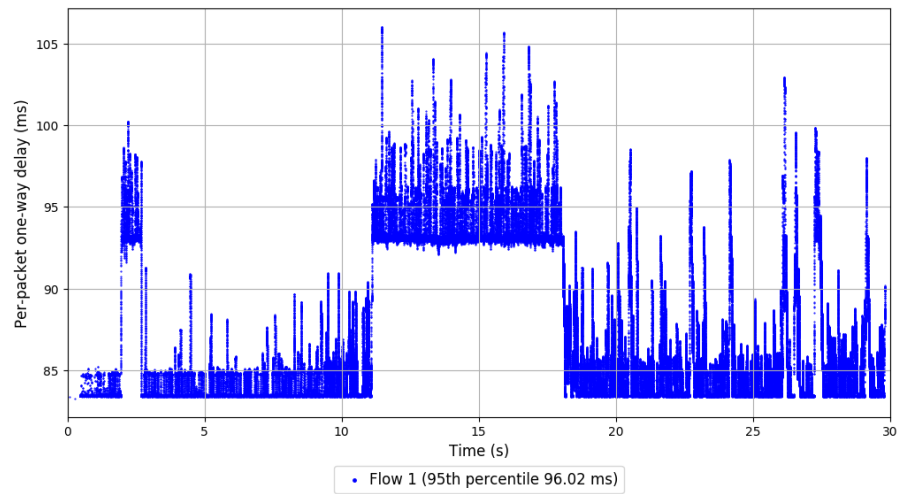
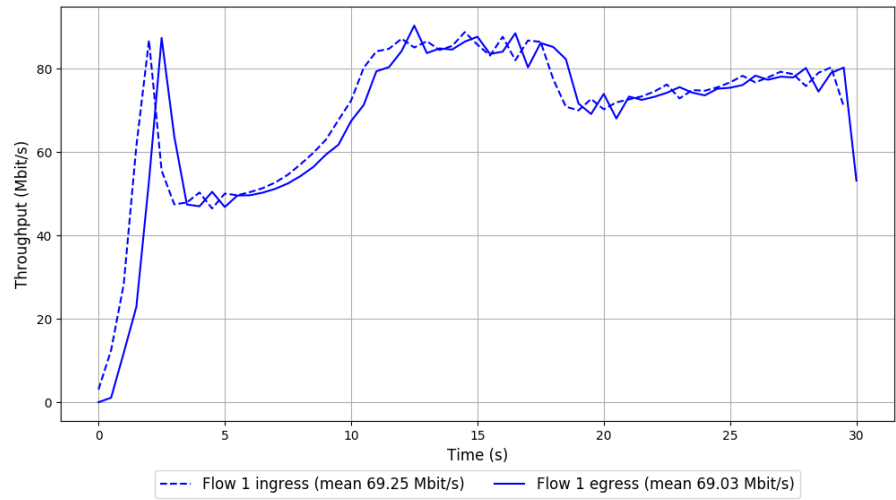
Average throughput: 69.03 Mbit/s

95th percentile per-packet one-way delay: 96.022 ms

Loss rate: 0.87%



### Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-08-22 14:10:12

End at: 2018-08-22 14:10:42

Local clock offset: -5.361 ms

Remote clock offset: 7.667 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.60 Mbit/s

95th percentile per-packet one-way delay: 91.476 ms

Loss rate: 0.77%

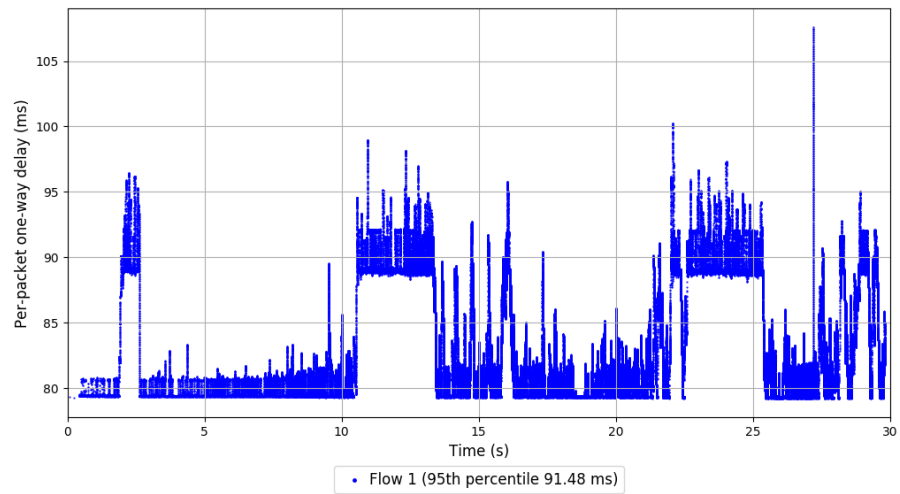
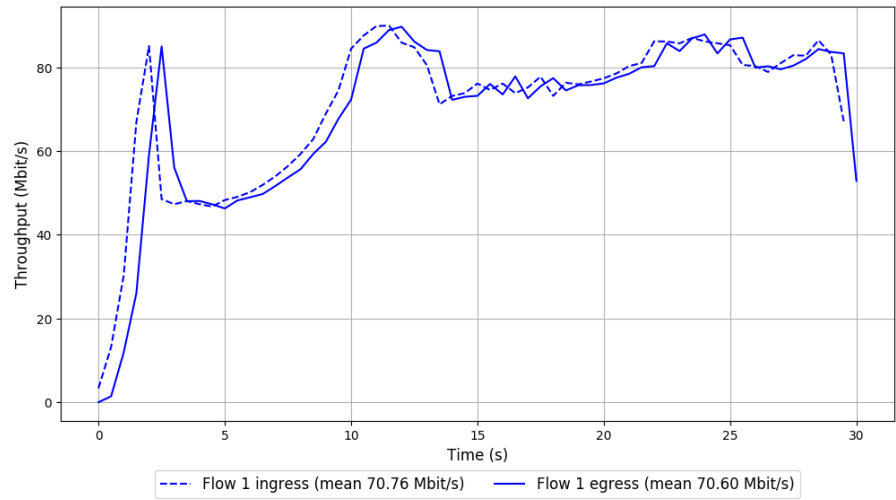
-- Flow 1:

Average throughput: 70.60 Mbit/s

95th percentile per-packet one-way delay: 91.476 ms

Loss rate: 0.77%

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



Run 1: Statistics of QUIC Cubic

Start at: 2018-08-22 11:12:44

End at: 2018-08-22 11:13:14

Local clock offset: -4.245 ms

Remote clock offset: 9.375 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.42 Mbit/s

95th percentile per-packet one-way delay: 90.083 ms

Loss rate: 0.86%

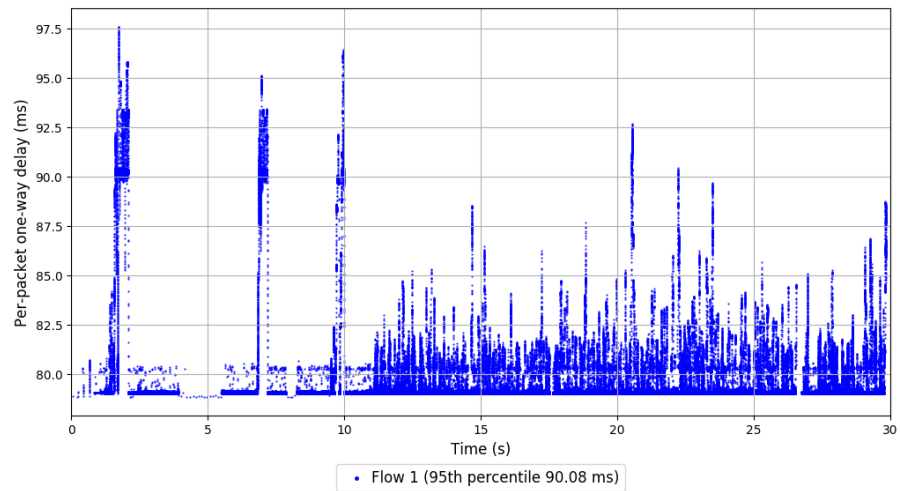
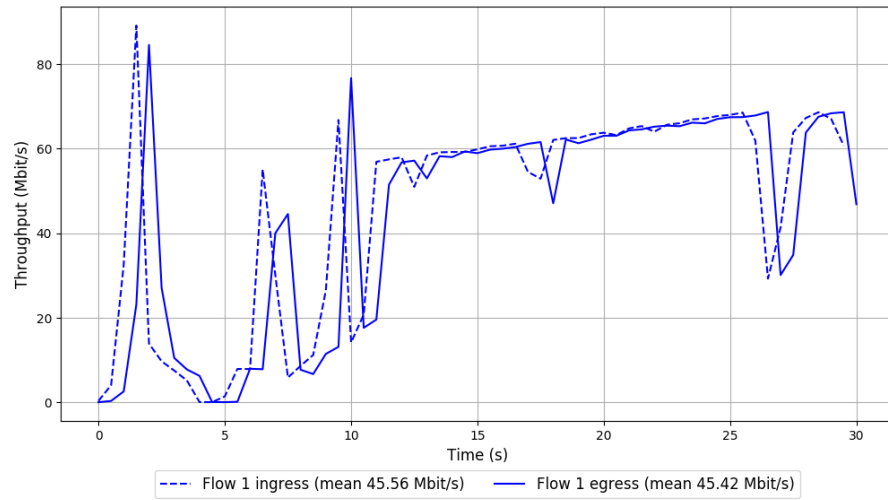
-- Flow 1:

Average throughput: 45.42 Mbit/s

95th percentile per-packet one-way delay: 90.083 ms

Loss rate: 0.86%

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



Run 2: Statistics of QUIC Cubic

Start at: 2018-08-22 11:32:30

End at: 2018-08-22 11:33:00

Local clock offset: -4.016 ms

Remote clock offset: 8.784 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.26 Mbit/s

95th percentile per-packet one-way delay: 88.918 ms

Loss rate: 0.90%

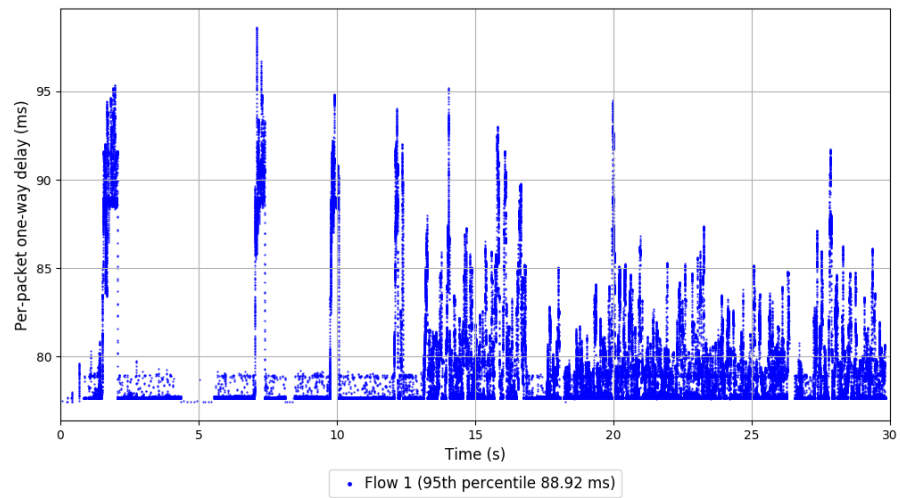
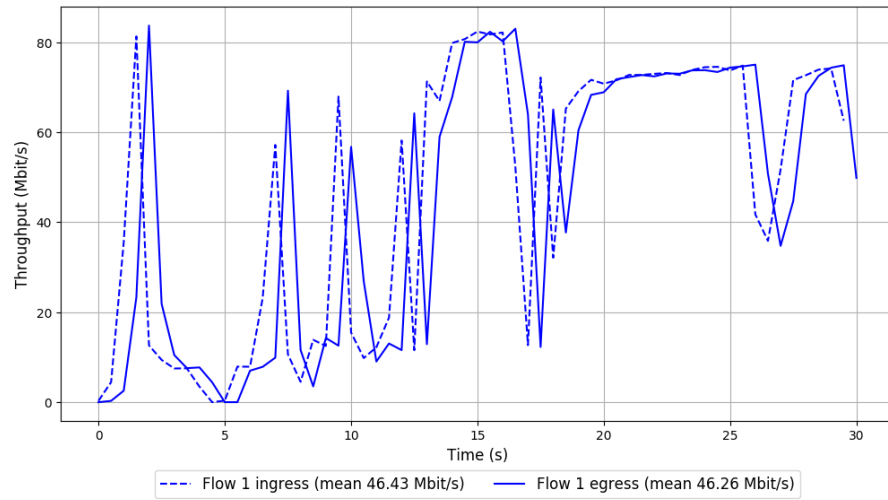
-- Flow 1:

Average throughput: 46.26 Mbit/s

95th percentile per-packet one-way delay: 88.918 ms

Loss rate: 0.90%

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



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-22 11:52:18

End at: 2018-08-22 11:52:48

Local clock offset: -4.824 ms

Remote clock offset: 7.906 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.07 Mbit/s

95th percentile per-packet one-way delay: 88.989 ms

Loss rate: 0.11%

-- Flow 1:

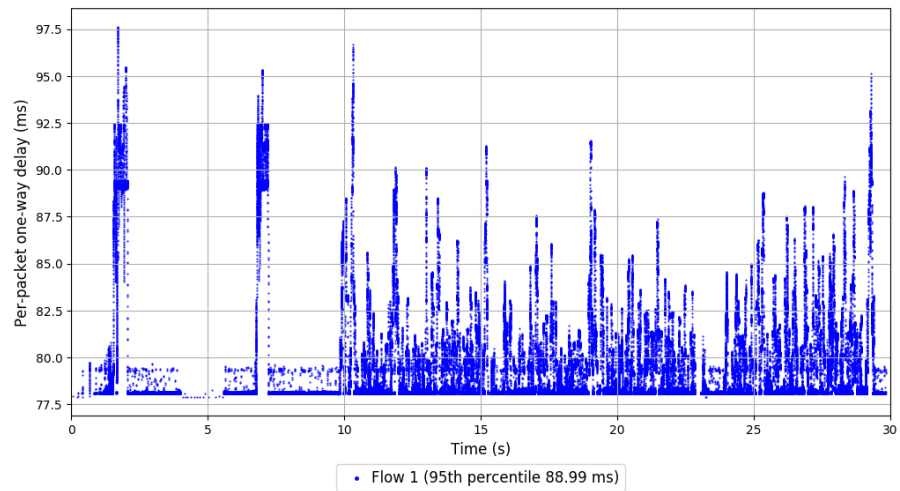
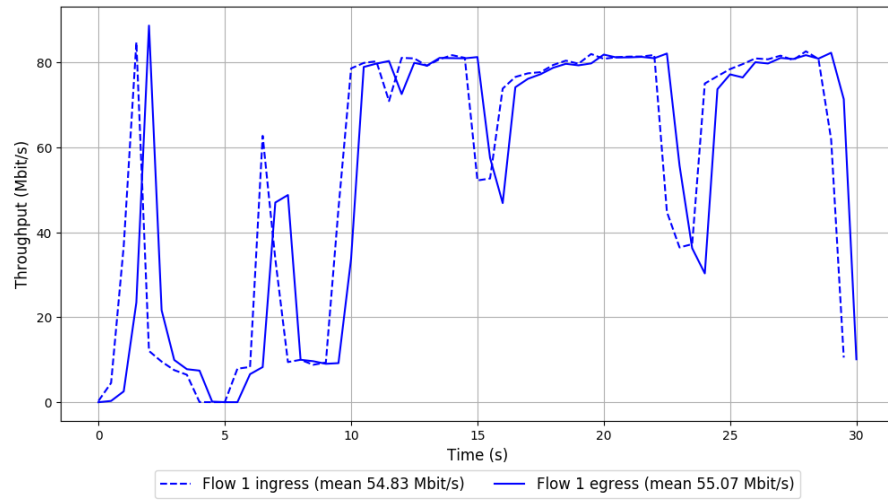
Average throughput: 55.07 Mbit/s

95th percentile per-packet one-way delay: 88.989 ms

Loss rate: 0.11%



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



Run 4: Statistics of QUIC Cubic

Start at: 2018-08-22 12:12:18

End at: 2018-08-22 12:12:48

Local clock offset: -3.645 ms

Remote clock offset: 6.815 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.33 Mbit/s

95th percentile per-packet one-way delay: 91.499 ms

Loss rate: 0.84%

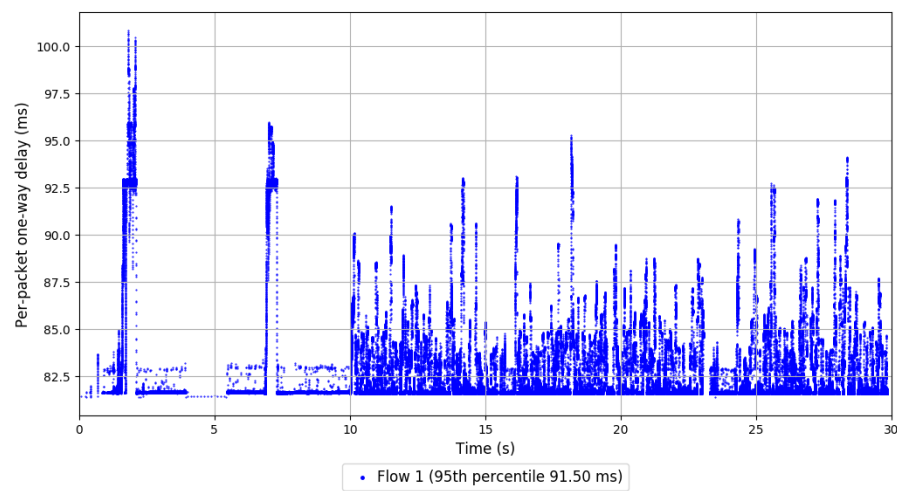
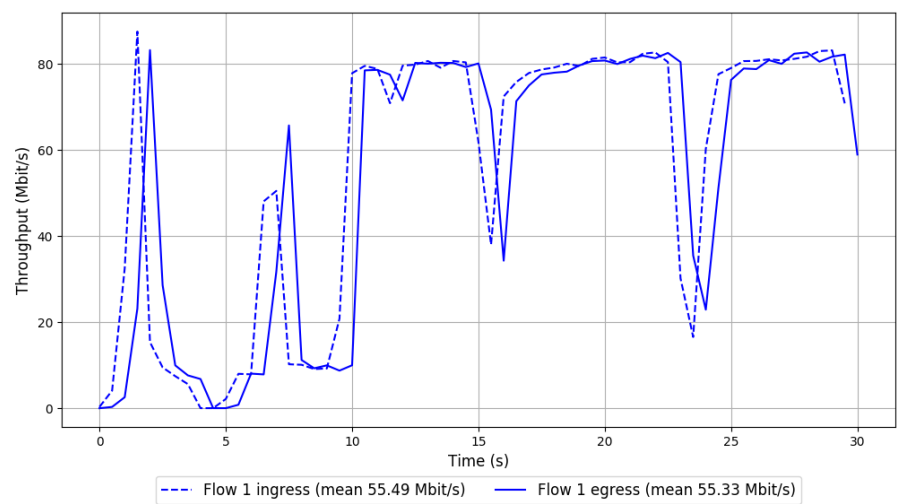
-- Flow 1:

Average throughput: 55.33 Mbit/s

95th percentile per-packet one-way delay: 91.499 ms

Loss rate: 0.84%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-08-22 12:32:16

End at: 2018-08-22 12:32:46

Local clock offset: -4.636 ms

Remote clock offset: 4.297 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.17 Mbit/s

95th percentile per-packet one-way delay: 90.855 ms

Loss rate: 1.45%

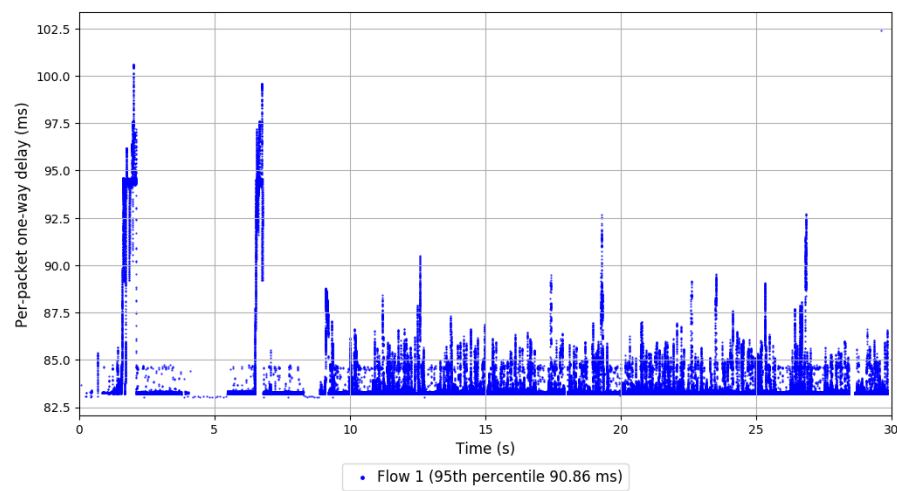
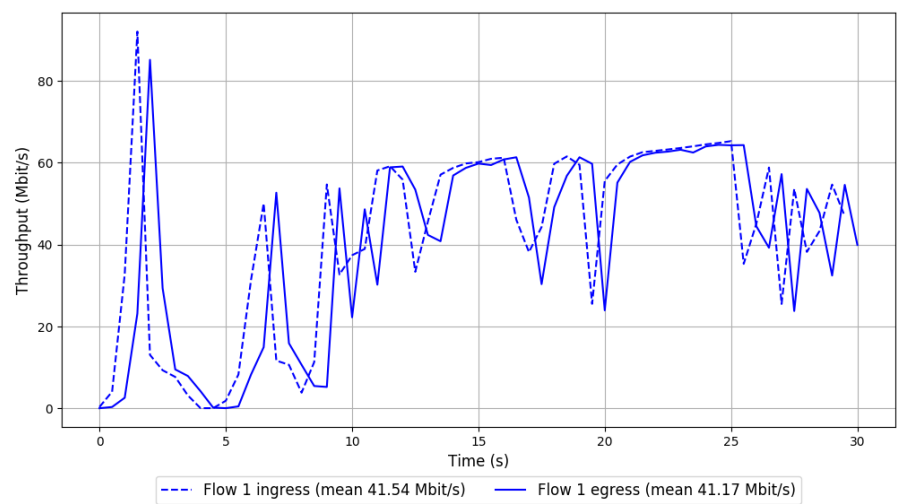
-- Flow 1:

Average throughput: 41.17 Mbit/s

95th percentile per-packet one-way delay: 90.855 ms

Loss rate: 1.45%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-08-22 12:52:05

End at: 2018-08-22 12:52:35

Local clock offset: -3.786 ms

Remote clock offset: 3.563 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.43 Mbit/s

95th percentile per-packet one-way delay: 87.307 ms

Loss rate: 1.75%

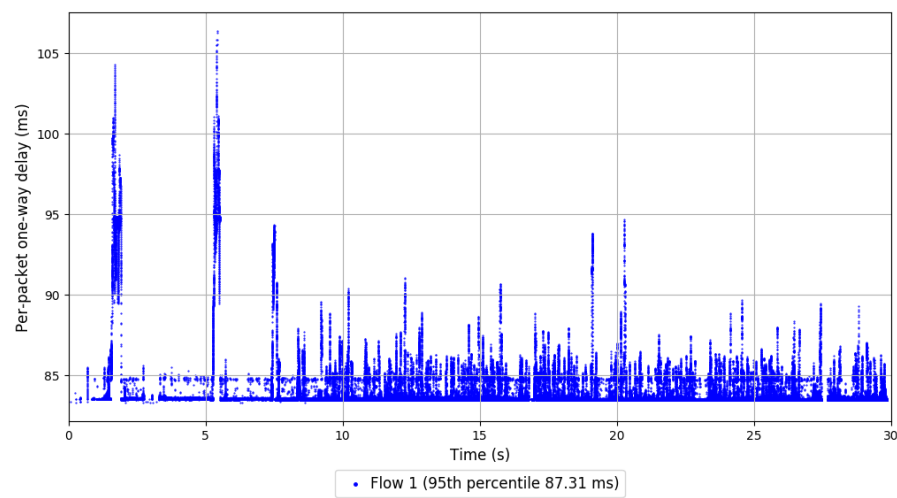
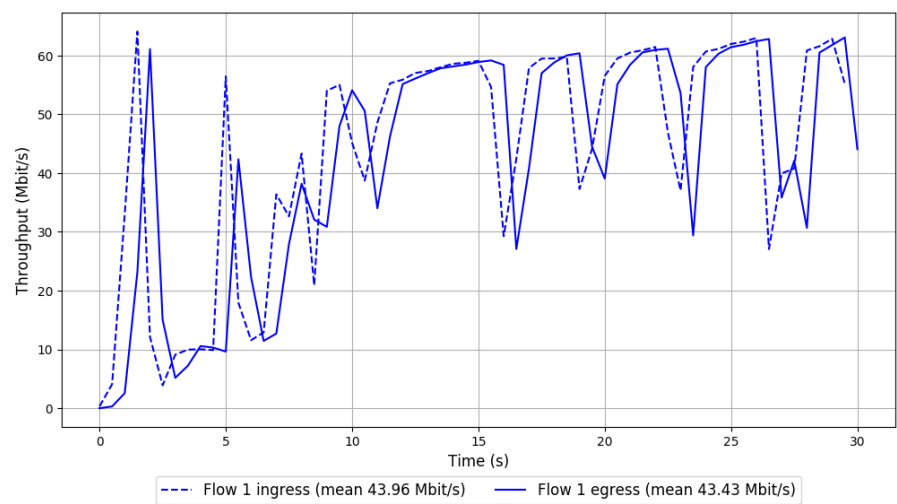
-- Flow 1:

Average throughput: 43.43 Mbit/s

95th percentile per-packet one-way delay: 87.307 ms

Loss rate: 1.75%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-08-22 13:12:03

End at: 2018-08-22 13:12:33

Local clock offset: -5.442 ms

Remote clock offset: 6.499 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.51 Mbit/s

95th percentile per-packet one-way delay: 89.043 ms

Loss rate: 0.11%

-- Flow 1:

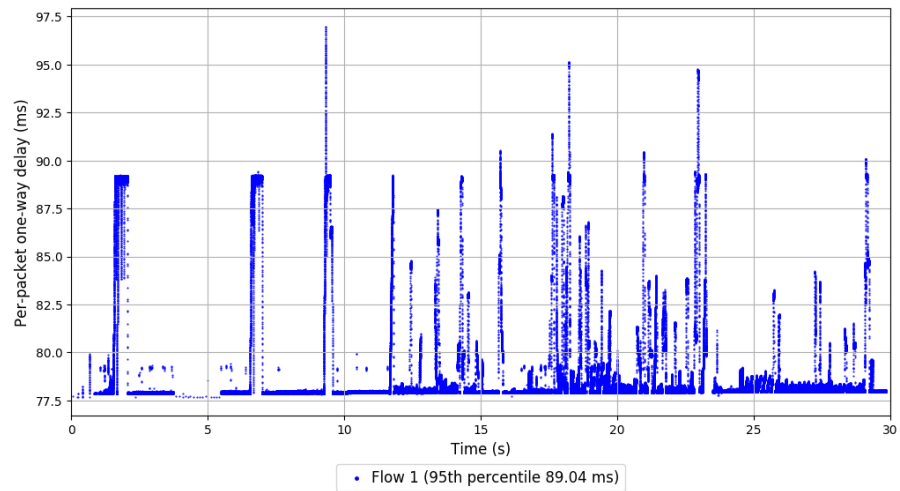
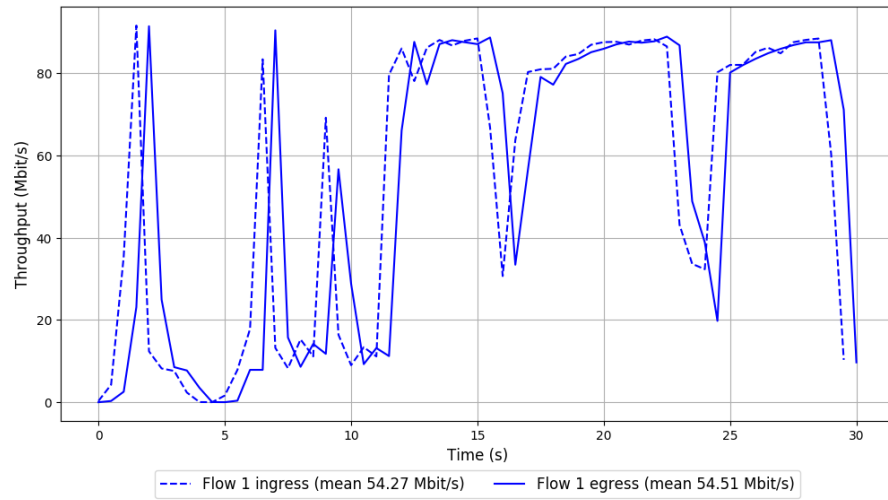
Average throughput: 54.51 Mbit/s

95th percentile per-packet one-way delay: 89.043 ms

Loss rate: 0.11%



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



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-22 13:31:51

End at: 2018-08-22 13:32:21

Local clock offset: -8.102 ms

Remote clock offset: 7.413 ms

# Below is generated by plot.py at 2018-08-22 14:33:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.92 Mbit/s

95th percentile per-packet one-way delay: 88.440 ms

Loss rate: 0.80%

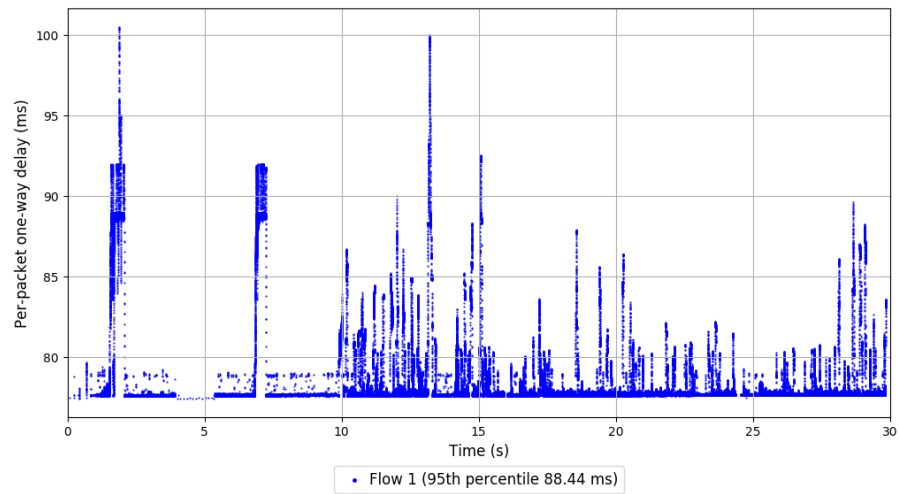
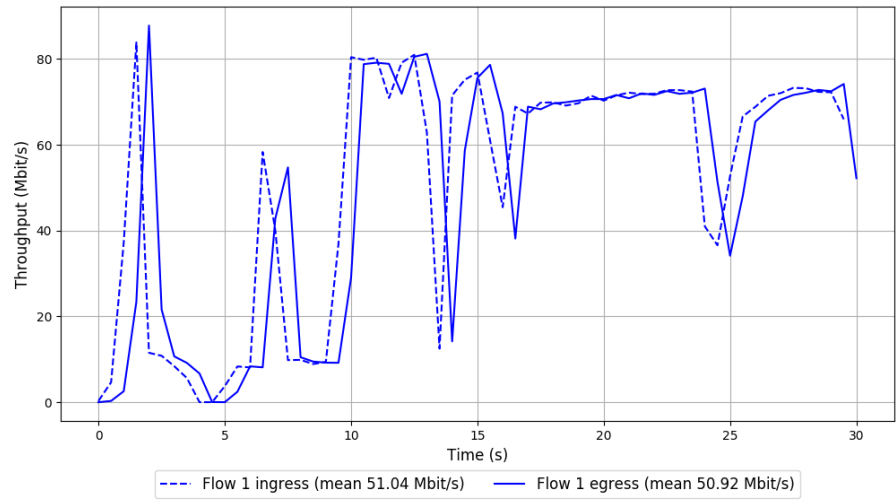
-- Flow 1:

Average throughput: 50.92 Mbit/s

95th percentile per-packet one-way delay: 88.440 ms

Loss rate: 0.80%

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



Run 9: Statistics of QUIC Cubic

Start at: 2018-08-22 13:51:37

End at: 2018-08-22 13:52:07

Local clock offset: -7.401 ms

Remote clock offset: 7.644 ms

# Below is generated by plot.py at 2018-08-22 14:34:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.92 Mbit/s

95th percentile per-packet one-way delay: 90.964 ms

Loss rate: 0.73%

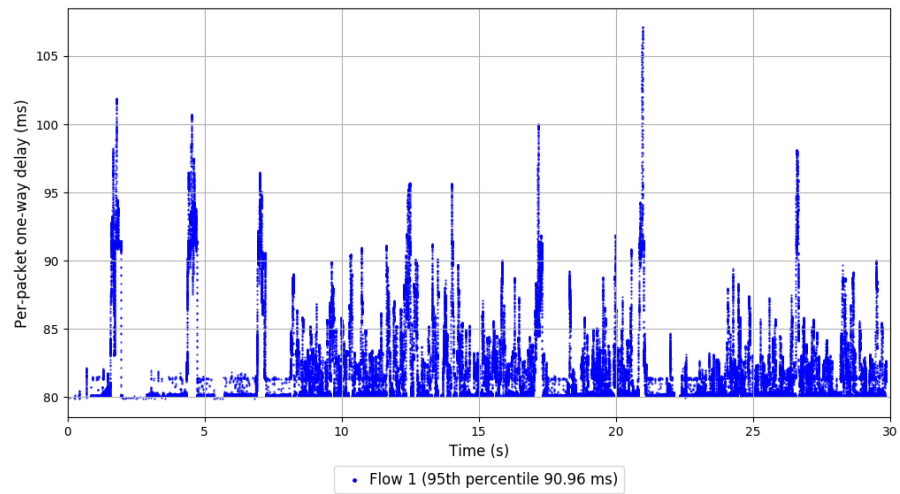
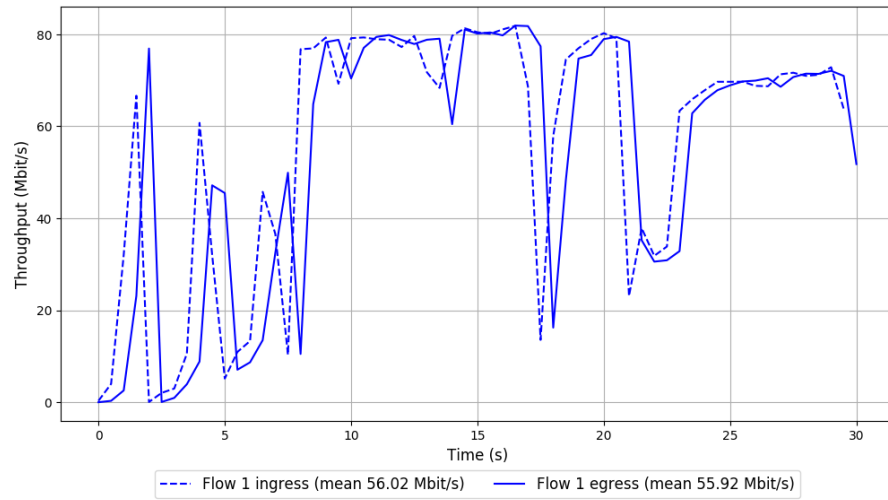
-- Flow 1:

Average throughput: 55.92 Mbit/s

95th percentile per-packet one-way delay: 90.964 ms

Loss rate: 0.73%

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



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-22 14:11:25

End at: 2018-08-22 14:11:55

Local clock offset: -5.823 ms

Remote clock offset: 6.424 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.42 Mbit/s

95th percentile per-packet one-way delay: 90.937 ms

Loss rate: 0.75%

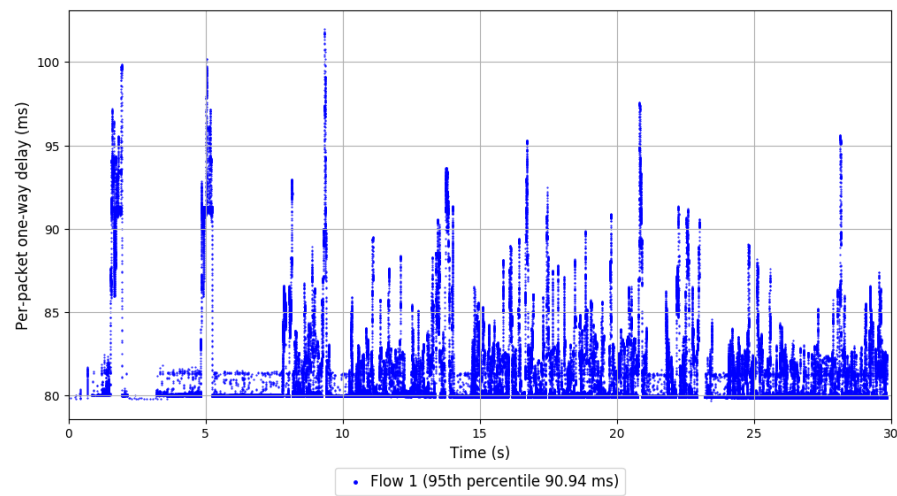
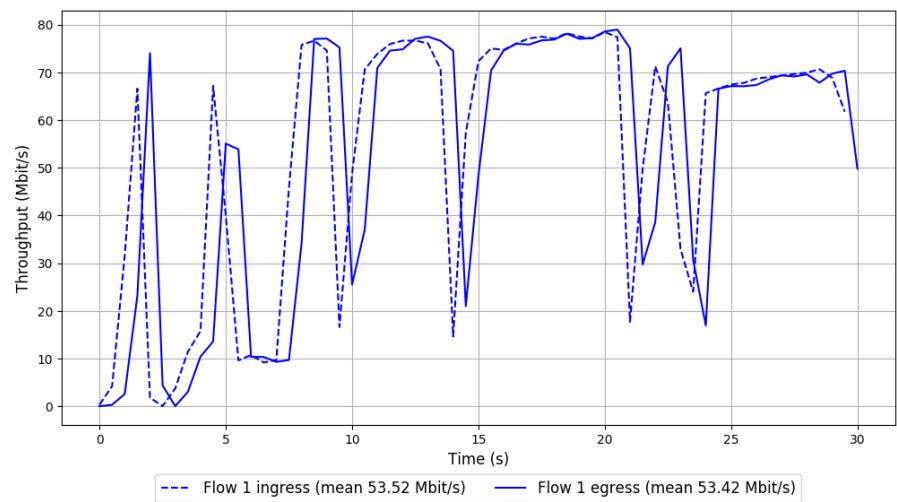
-- Flow 1:

Average throughput: 53.42 Mbit/s

95th percentile per-packet one-way delay: 90.937 ms

Loss rate: 0.75%

Run 10: Report of QUIC Cubic — Data Link



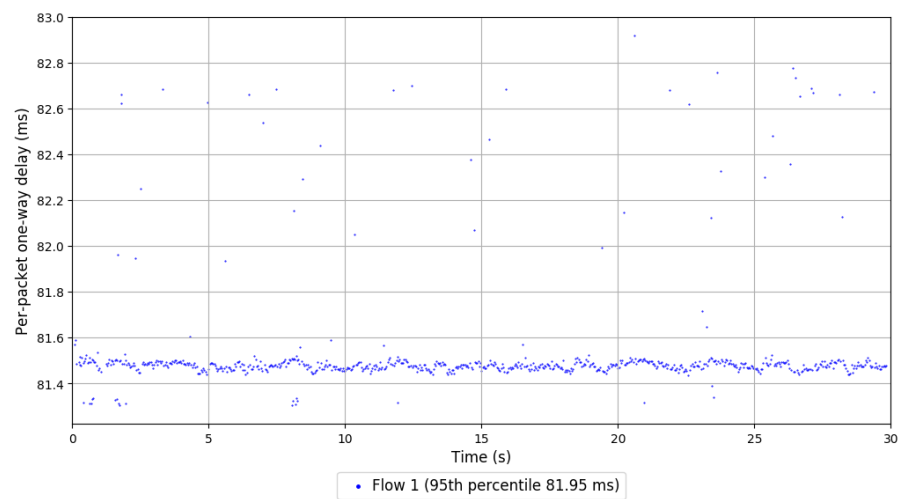
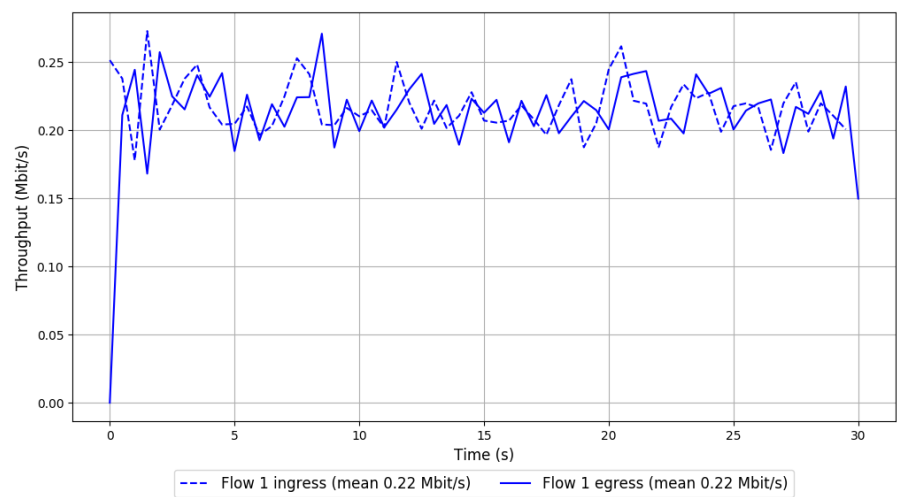
```
Run 1: Statistics of SCReAM

Start at: 2018-08-22 11:08:01
End at: 2018-08-22 11:08:31
Local clock offset: -3.795 ms
Remote clock offset: 7.576 ms

# Below is generated by plot.py at 2018-08-22 14:34:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.946 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.946 ms
Loss rate: 0.64%
```



Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-08-22 11:27:49

End at: 2018-08-22 11:28:19

Local clock offset: -4.768 ms

Remote clock offset: 7.721 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.544 ms

Loss rate: 0.64%

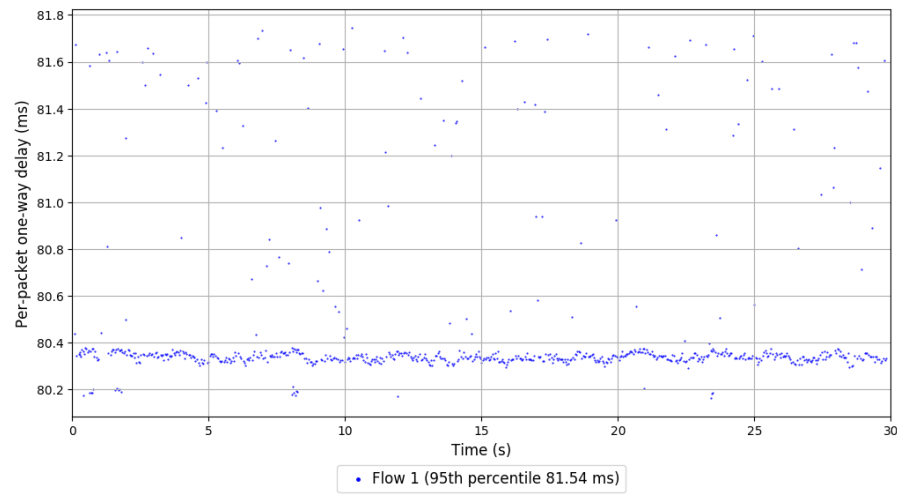
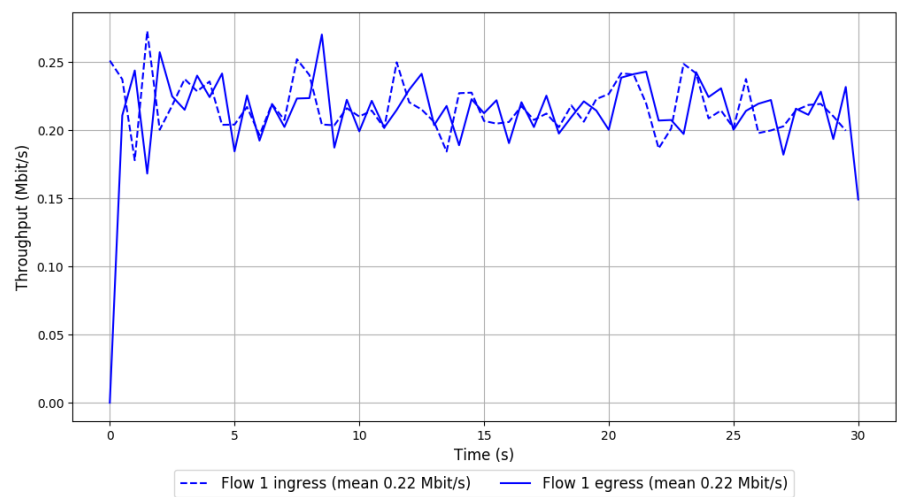
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 81.544 ms

Loss rate: 0.64%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-08-22 11:47:36

End at: 2018-08-22 11:48:06

Local clock offset: -4.872 ms

Remote clock offset: 3.001 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.060 ms

Loss rate: 0.51%

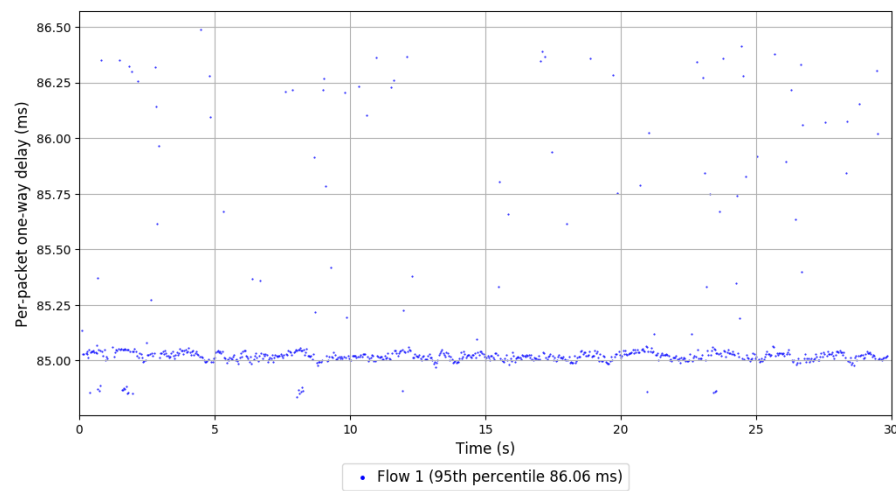
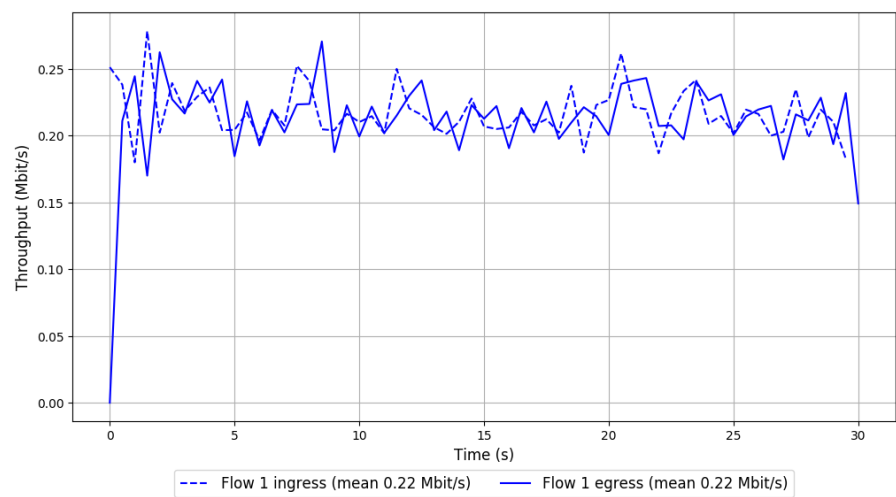
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.060 ms

Loss rate: 0.51%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-08-22 12:07:26

End at: 2018-08-22 12:07:56

Local clock offset: -5.526 ms

Remote clock offset: 4.143 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.208 ms

Loss rate: 0.64%

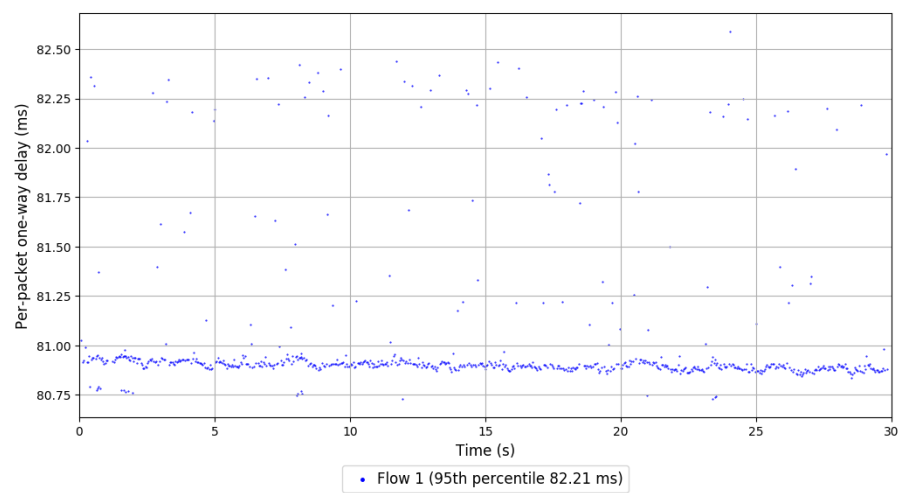
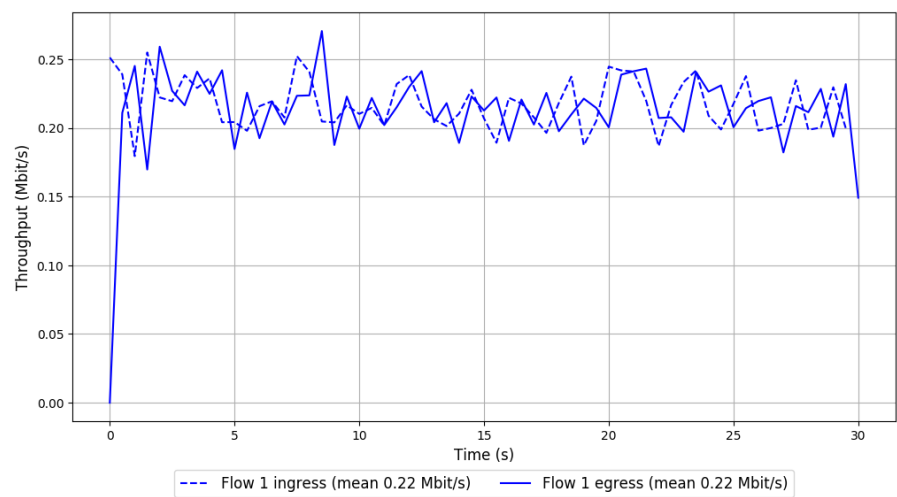
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.208 ms

Loss rate: 0.64%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-08-22 12:27:33

End at: 2018-08-22 12:28:03

Local clock offset: -4.779 ms

Remote clock offset: 3.184 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.234 ms

Loss rate: 0.64%

-- Flow 1:

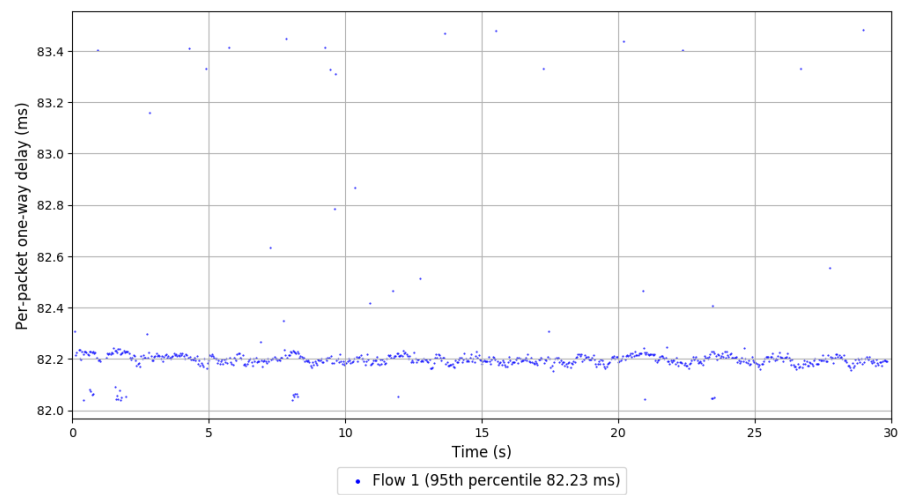
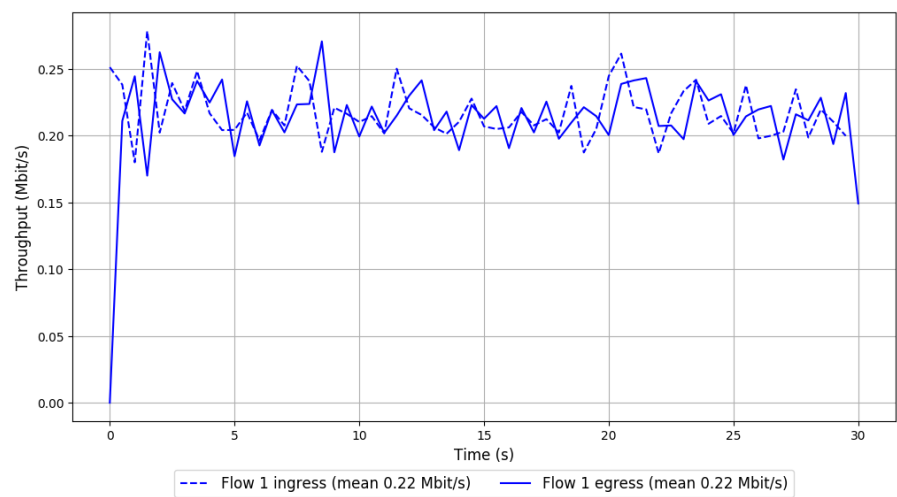
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.234 ms

Loss rate: 0.64%



Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-08-22 12:47:23

End at: 2018-08-22 12:47:53

Local clock offset: -3.052 ms

Remote clock offset: 7.737 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.835 ms

Loss rate: 0.51%

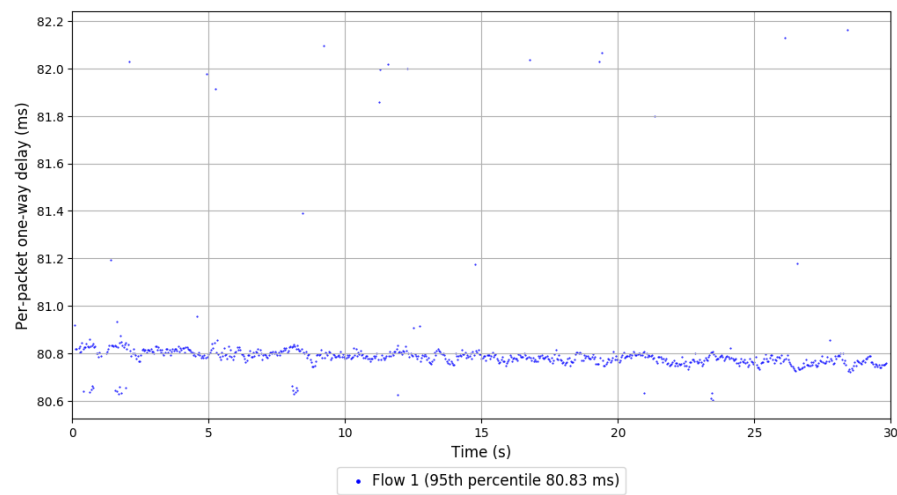
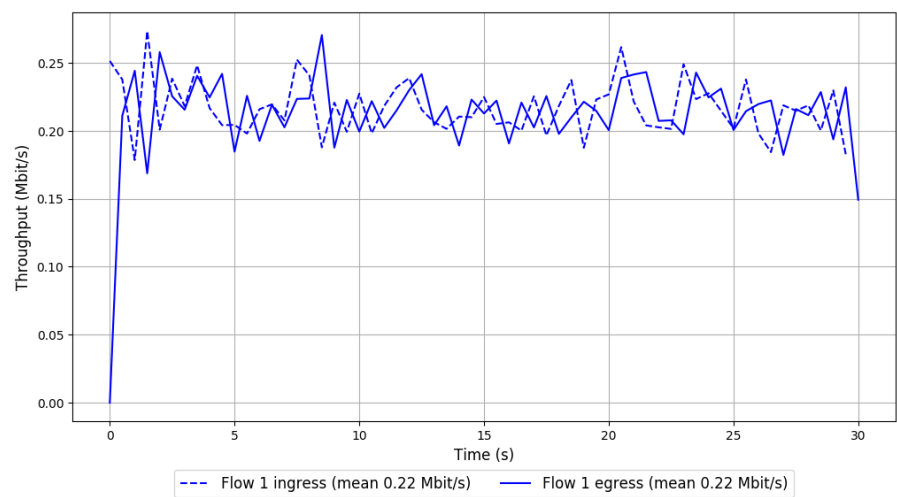
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.835 ms

Loss rate: 0.51%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-08-22 13:07:21

End at: 2018-08-22 13:07:51

Local clock offset: -3.701 ms

Remote clock offset: 5.457 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.083 ms

Loss rate: 0.51%

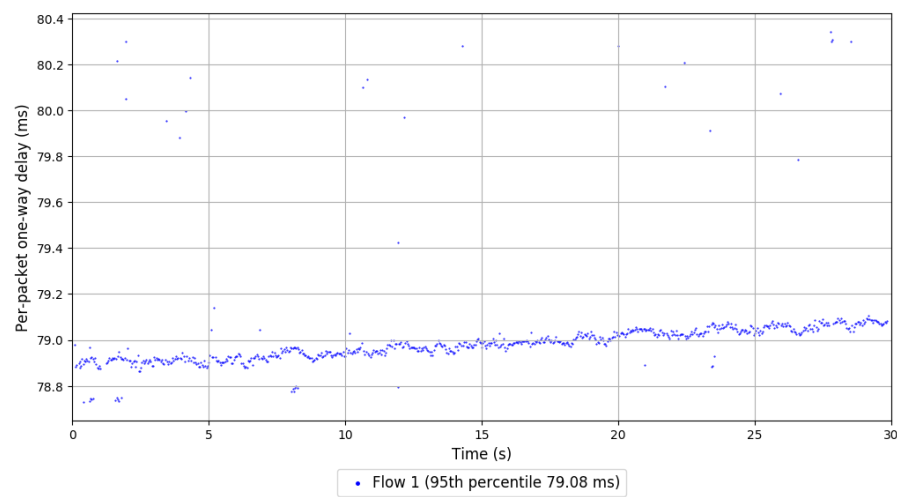
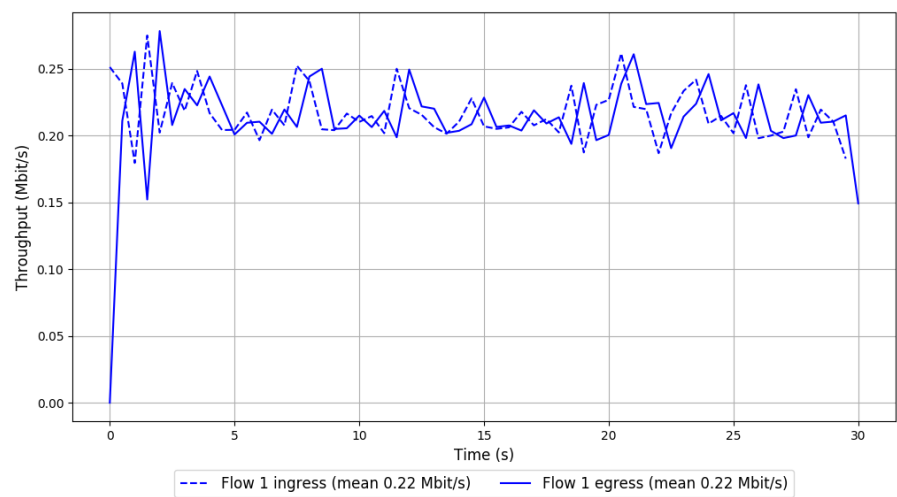
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 79.083 ms

Loss rate: 0.51%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-08-22 13:27:09

End at: 2018-08-22 13:27:39

Local clock offset: -6.969 ms

Remote clock offset: 3.345 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.204 ms

Loss rate: 0.51%

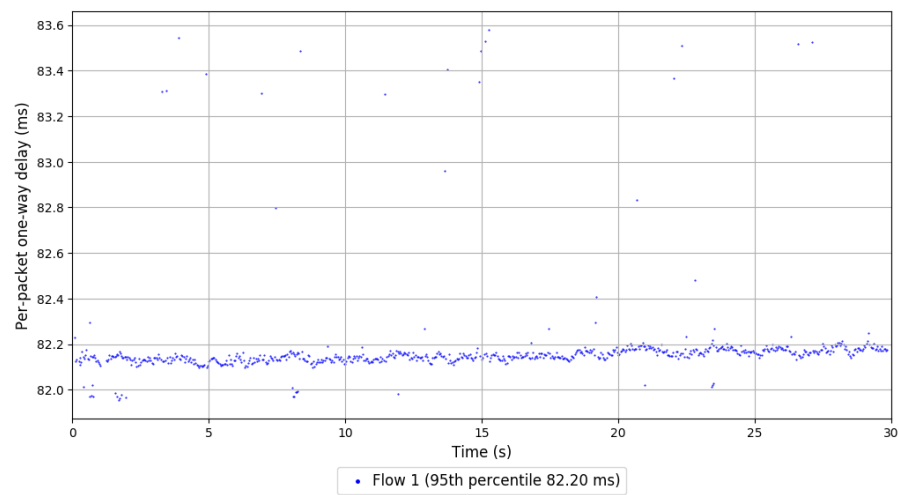
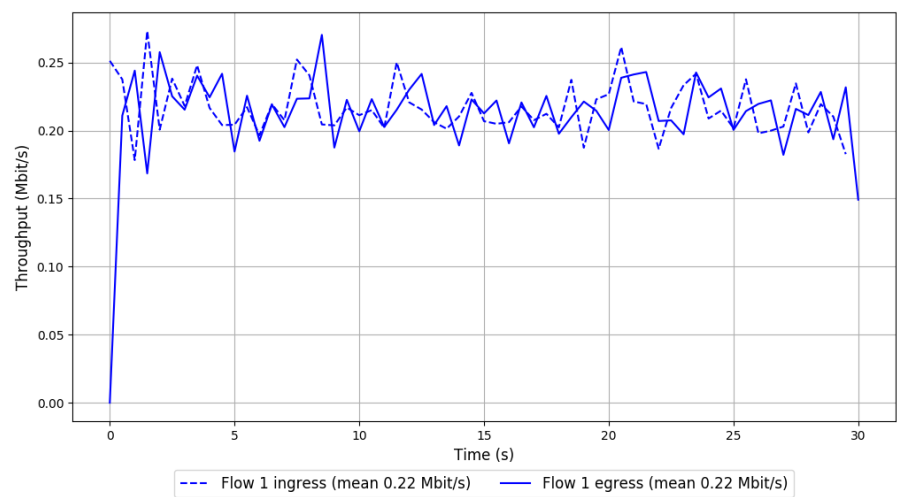
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.204 ms

Loss rate: 0.51%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-08-22 13:46:55

End at: 2018-08-22 13:47:25

Local clock offset: -8.268 ms

Remote clock offset: 3.778 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.068 ms

Loss rate: 0.51%

-- Flow 1:

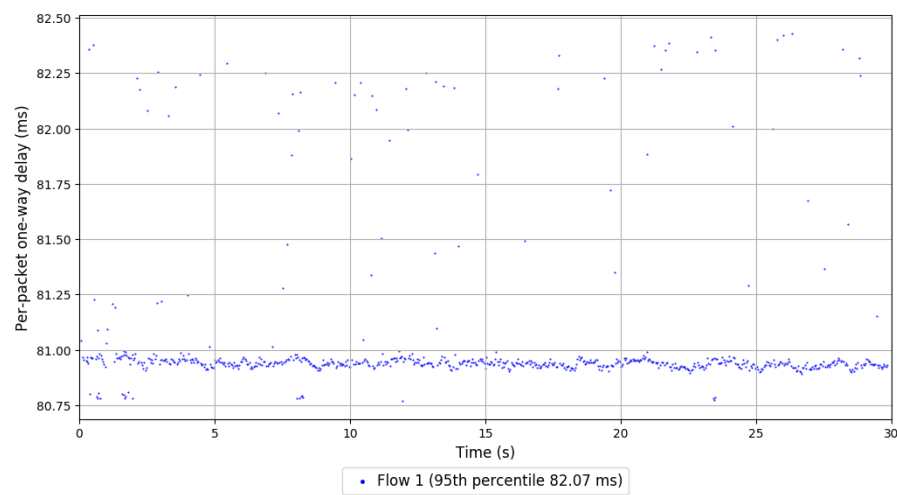
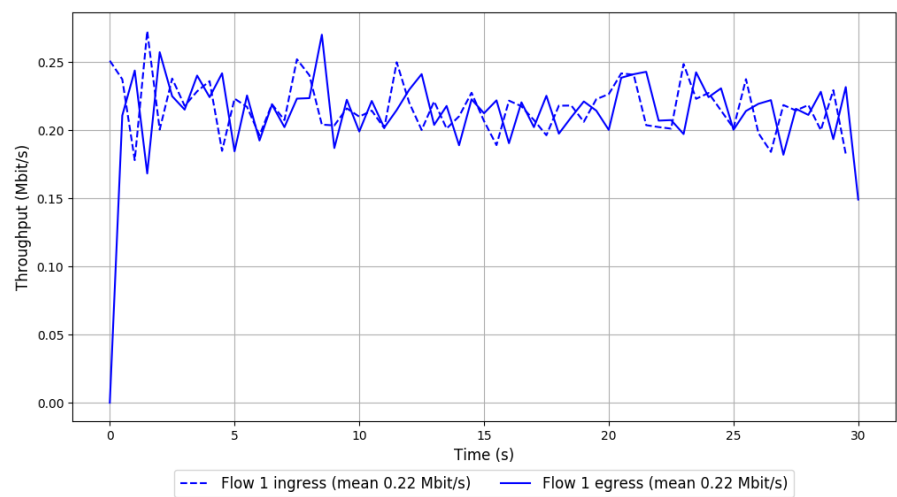
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 82.068 ms

Loss rate: 0.51%



Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-08-22 14:06:43

End at: 2018-08-22 14:07:13

Local clock offset: -7.392 ms

Remote clock offset: 1.767 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.713 ms

Loss rate: 0.51%

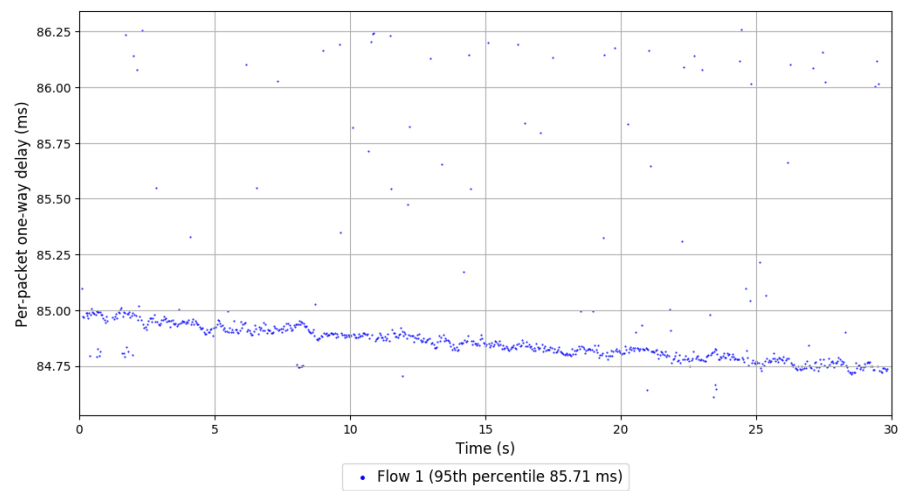
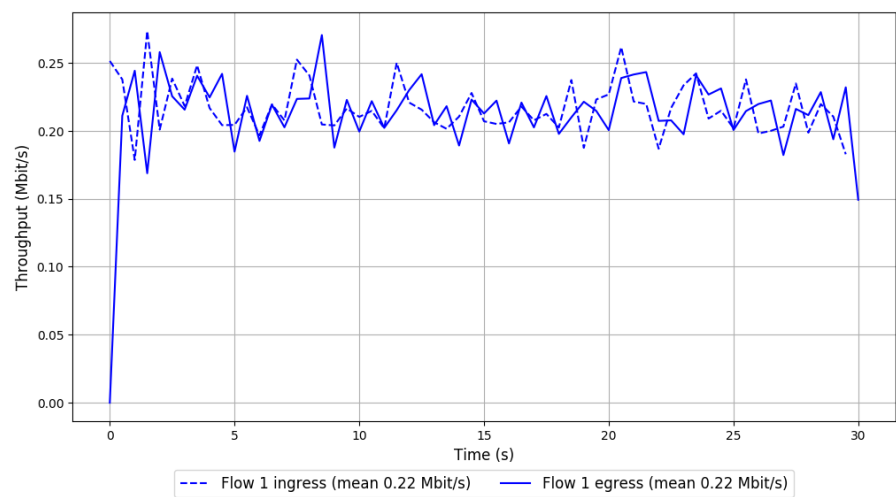
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.713 ms

Loss rate: 0.51%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-08-22 11:17:24

End at: 2018-08-22 11:17:54

Local clock offset: -5.272 ms

Remote clock offset: 7.996 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 80.779 ms

Loss rate: 0.33%

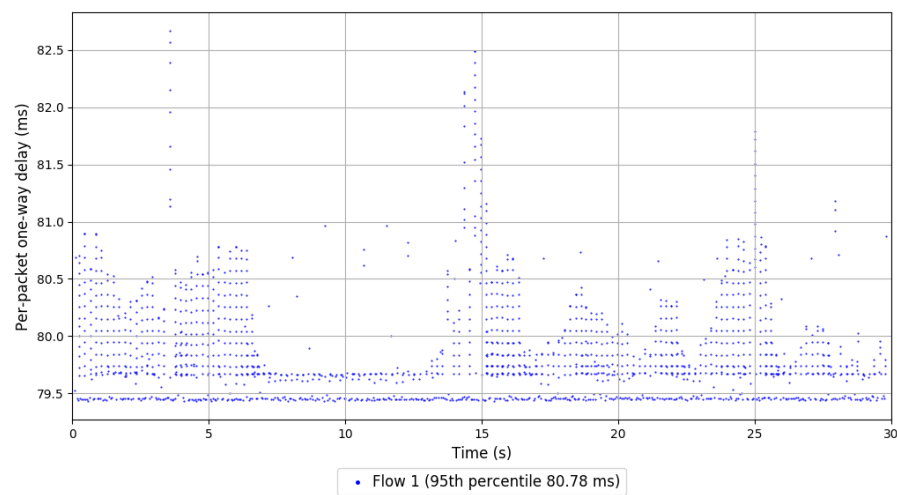
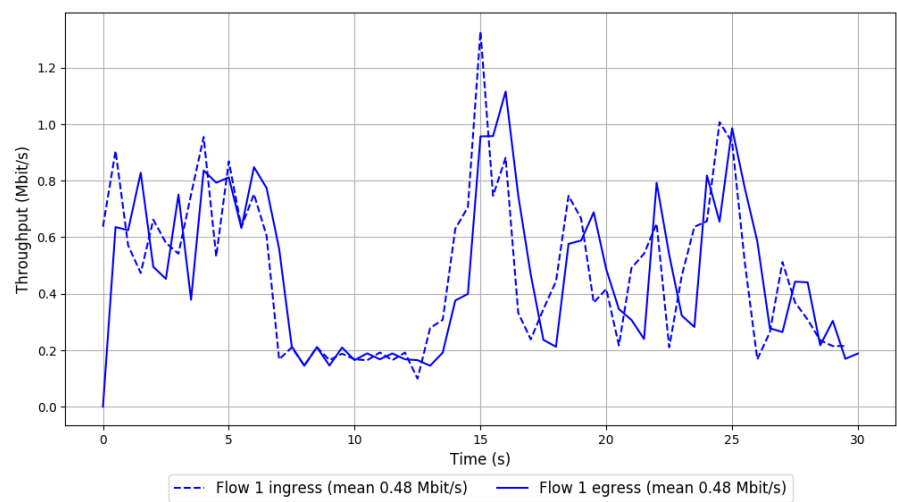
-- Flow 1:

Average throughput: 0.48 Mbit/s

95th percentile per-packet one-way delay: 80.779 ms

Loss rate: 0.33%

Run 1: Report of Sprout — Data Link

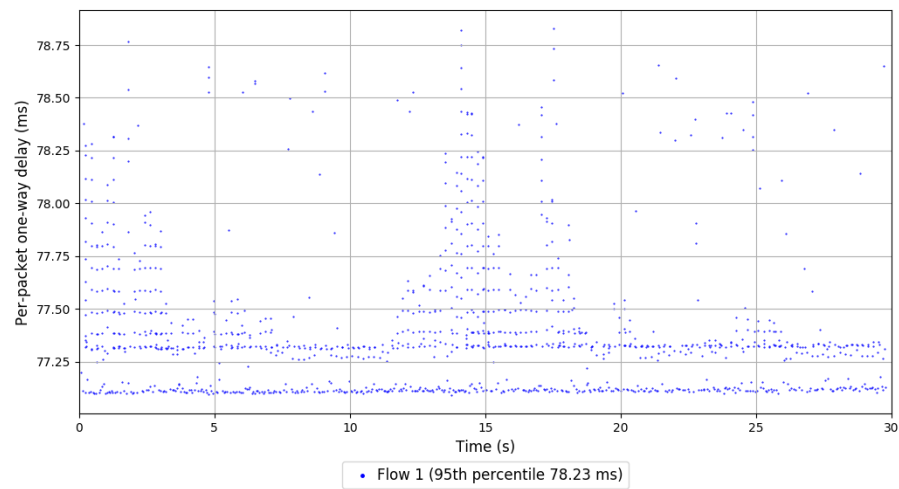
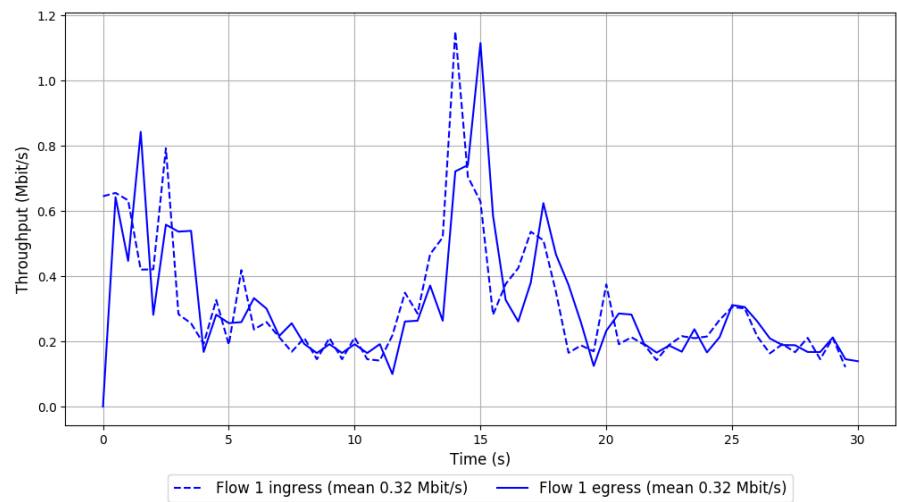


Run 2: Statistics of Sprout

Start at: 2018-08-22 11:37:10  
End at: 2018-08-22 11:37:40  
Local clock offset: -5.612 ms  
Remote clock offset: 7.733 ms

# Below is generated by plot.py at 2018-08-22 14:34:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.32 Mbit/s  
95th percentile per-packet one-way delay: 78.234 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 0.32 Mbit/s  
95th percentile per-packet one-way delay: 78.234 ms  
Loss rate: 0.26%

Run 2: Report of Sprout — Data Link



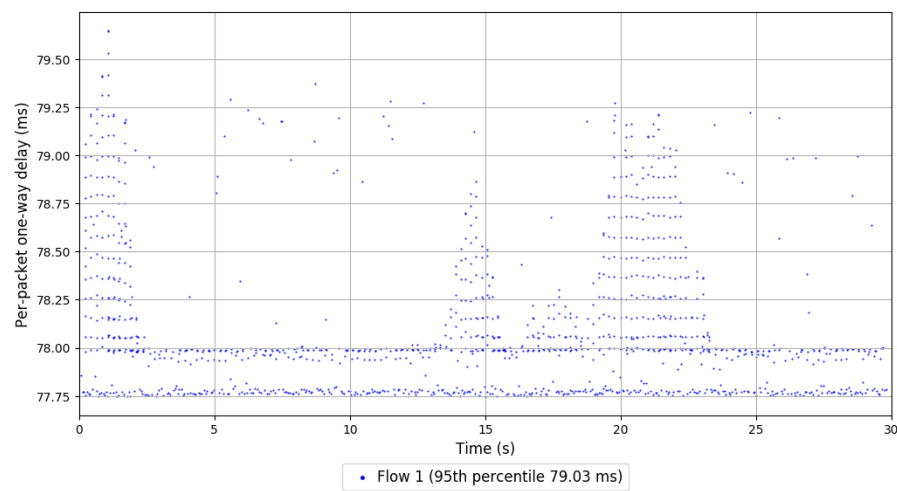
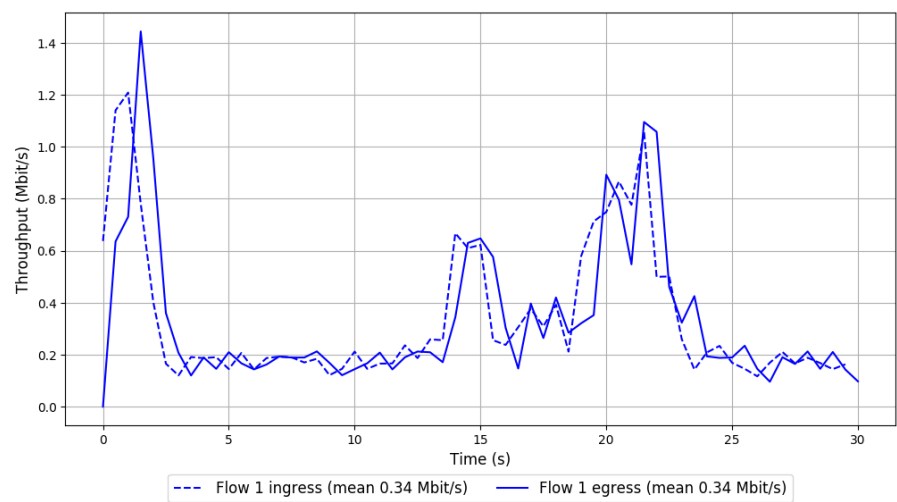
Run 3: Statistics of Sprout

Start at: 2018-08-22 11:56:59  
End at: 2018-08-22 11:57:29  
Local clock offset: -5.585 ms  
Remote clock offset: 9.02 ms

# Below is generated by plot.py at 2018-08-22 14:34:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.34 Mbit/s  
95th percentile per-packet one-way delay: 79.027 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 0.34 Mbit/s  
95th percentile per-packet one-way delay: 79.027 ms  
Loss rate: 0.33%



Run 3: Report of Sprout — Data Link

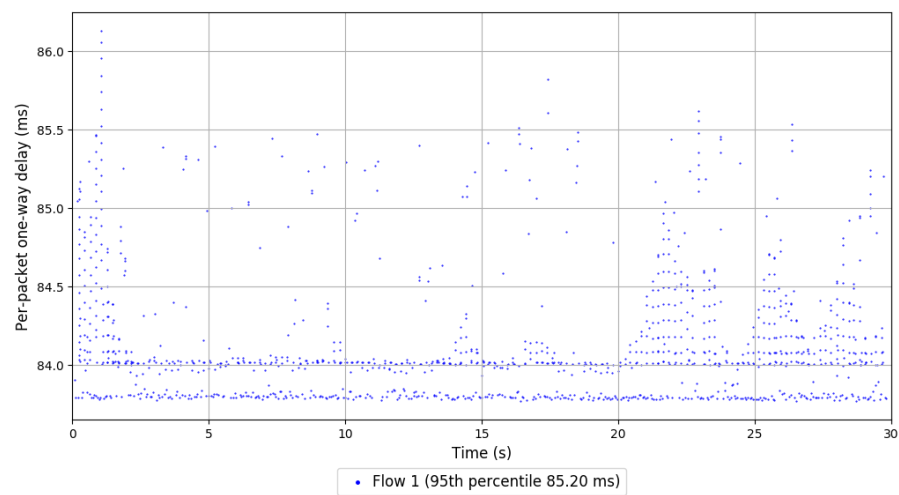
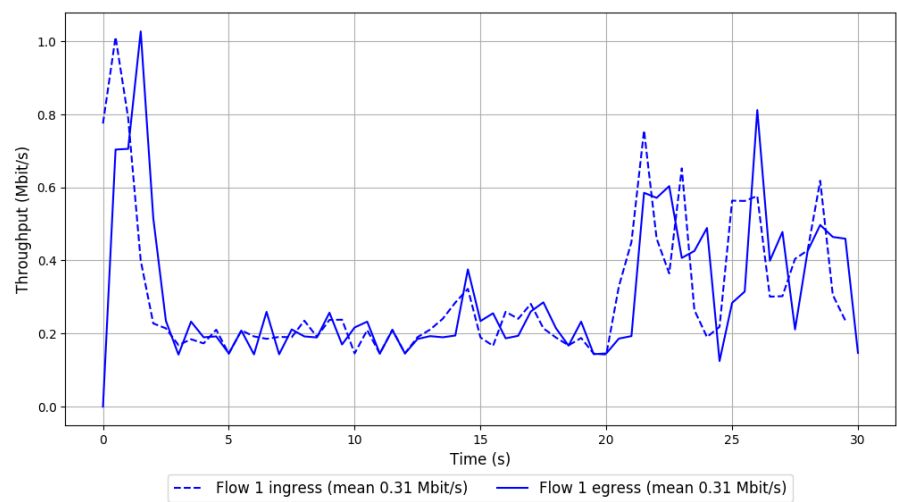


Run 4: Statistics of Sprout

Start at: 2018-08-22 12:16:58  
End at: 2018-08-22 12:17:28  
Local clock offset: -4.22 ms  
Remote clock offset: 4.184 ms

# Below is generated by plot.py at 2018-08-22 14:34:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.31 Mbit/s  
95th percentile per-packet one-way delay: 85.200 ms  
Loss rate: 0.50%  
-- Flow 1:  
Average throughput: 0.31 Mbit/s  
95th percentile per-packet one-way delay: 85.200 ms  
Loss rate: 0.50%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-08-22 12:36:55

End at: 2018-08-22 12:37:25

Local clock offset: -4.642 ms

Remote clock offset: 4.334 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 84.063 ms

Loss rate: 0.98%

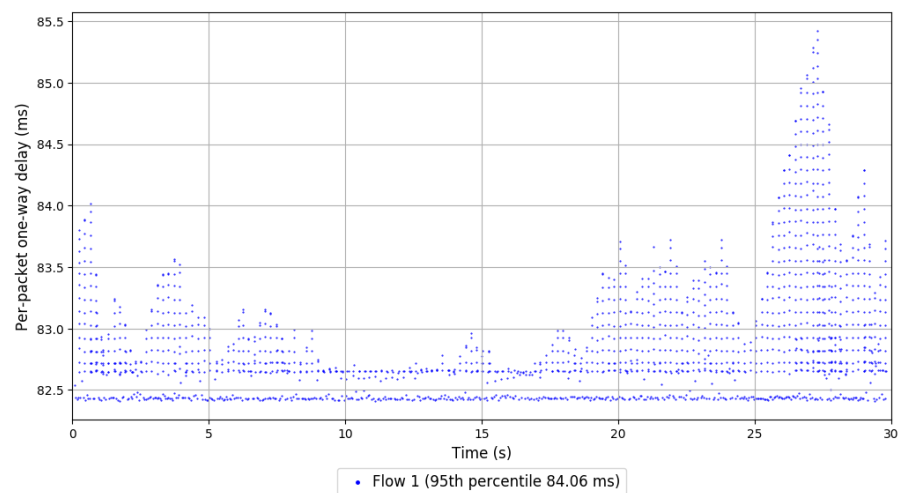
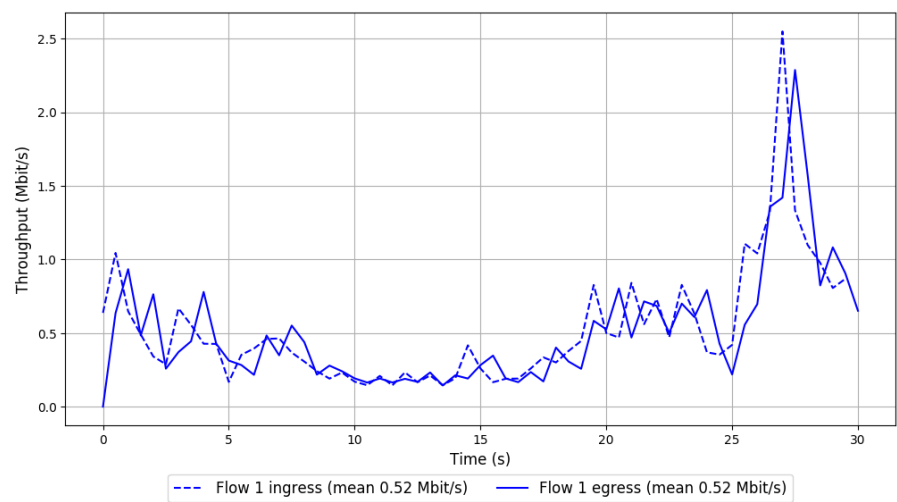
-- Flow 1:

Average throughput: 0.52 Mbit/s

95th percentile per-packet one-way delay: 84.063 ms

Loss rate: 0.98%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-08-22 12:56:55

End at: 2018-08-22 12:57:25

Local clock offset: -3.772 ms

Remote clock offset: 6.977 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 81.453 ms

Loss rate: 0.12%

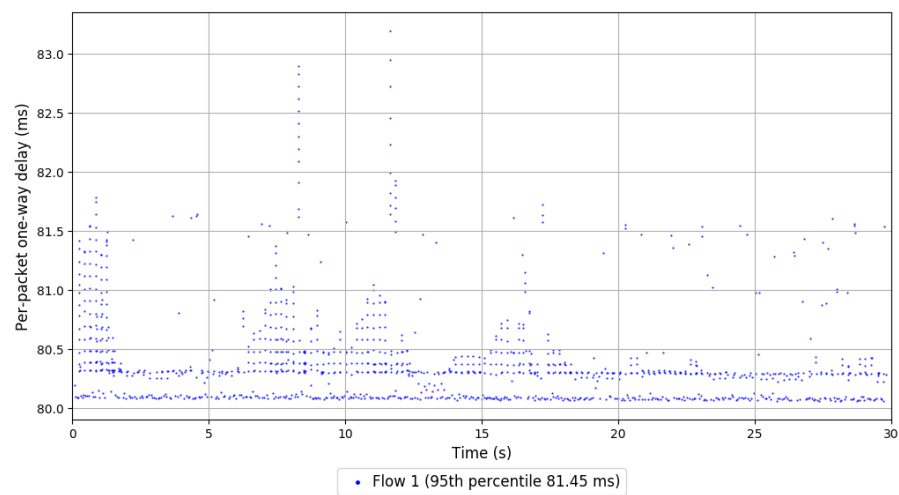
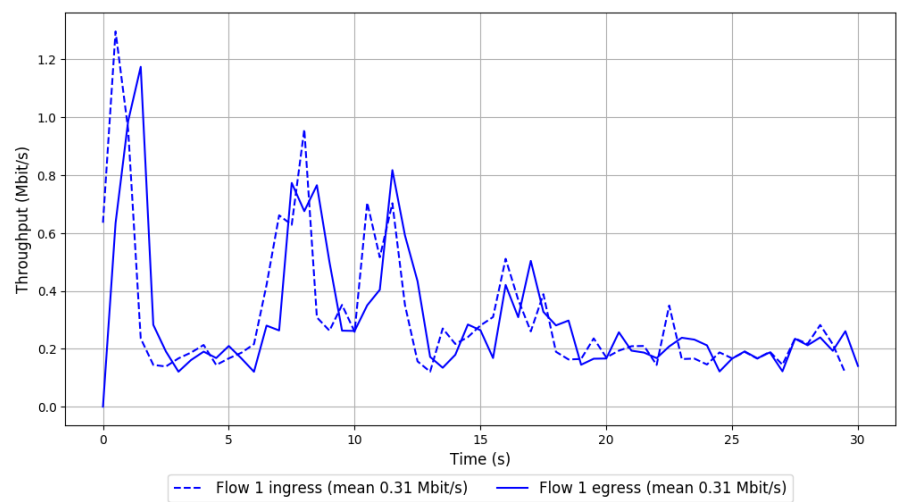
-- Flow 1:

Average throughput: 0.31 Mbit/s

95th percentile per-packet one-way delay: 81.453 ms

Loss rate: 0.12%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-08-22 13:16:43

End at: 2018-08-22 13:17:13

Local clock offset: -6.504 ms

Remote clock offset: 6.523 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 80.650 ms

Loss rate: 0.26%

-- Flow 1:

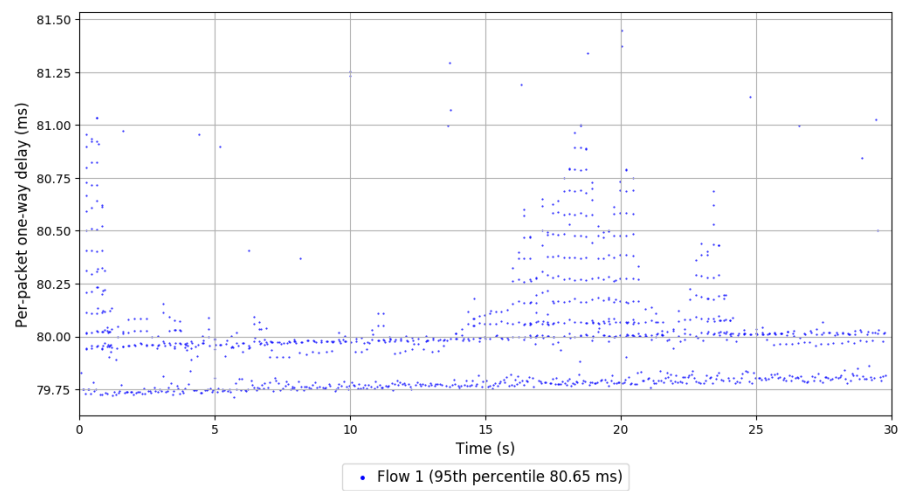
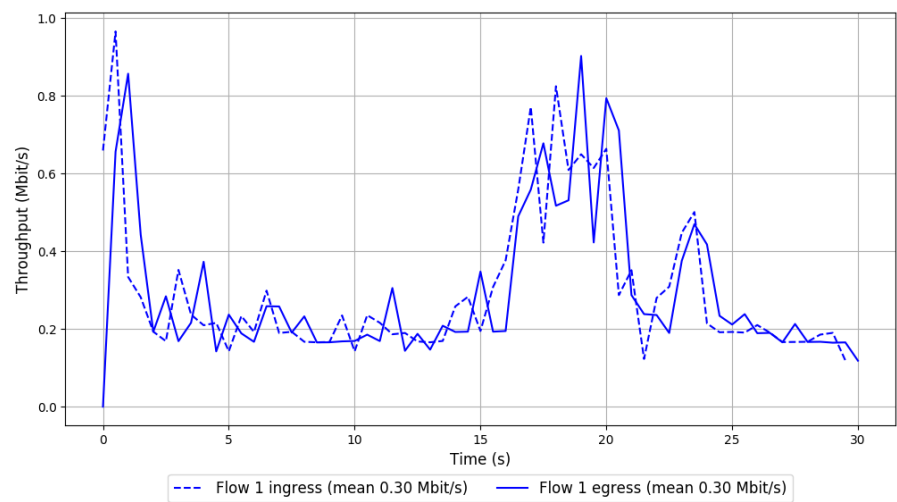
Average throughput: 0.30 Mbit/s

95th percentile per-packet one-way delay: 80.650 ms

Loss rate: 0.26%



Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-08-22 13:36:31

End at: 2018-08-22 13:37:01

Local clock offset: -8.296 ms

Remote clock offset: 2.542 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 85.850 ms

Loss rate: 0.58%

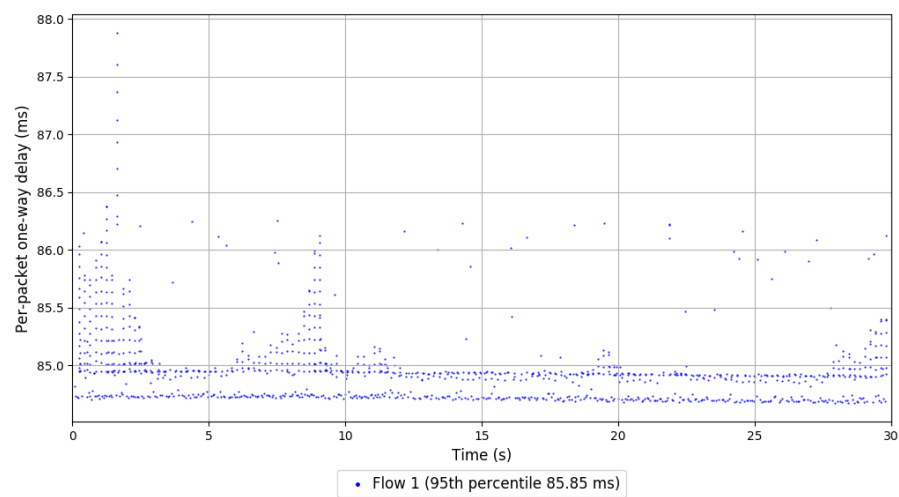
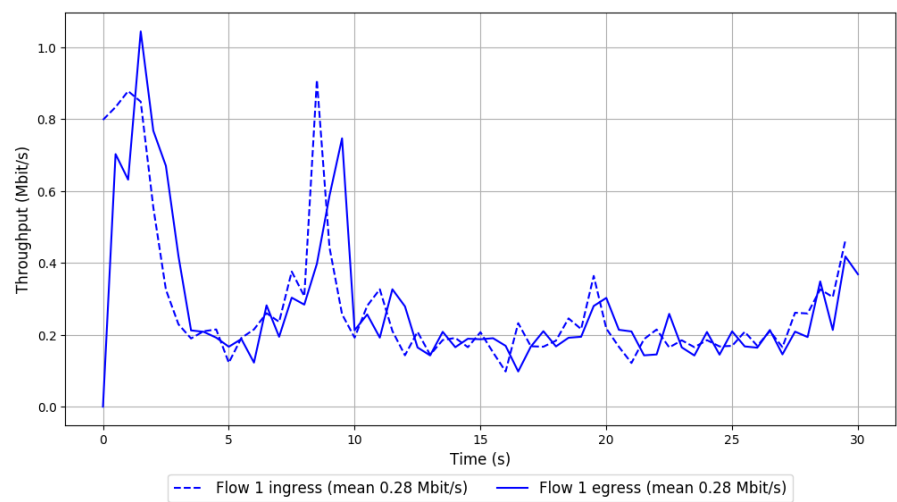
-- Flow 1:

Average throughput: 0.28 Mbit/s

95th percentile per-packet one-way delay: 85.850 ms

Loss rate: 0.58%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-08-22 13:56:17

End at: 2018-08-22 13:56:47

Local clock offset: -7.355 ms

Remote clock offset: 2.431 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 84.037 ms

Loss rate: 0.47%

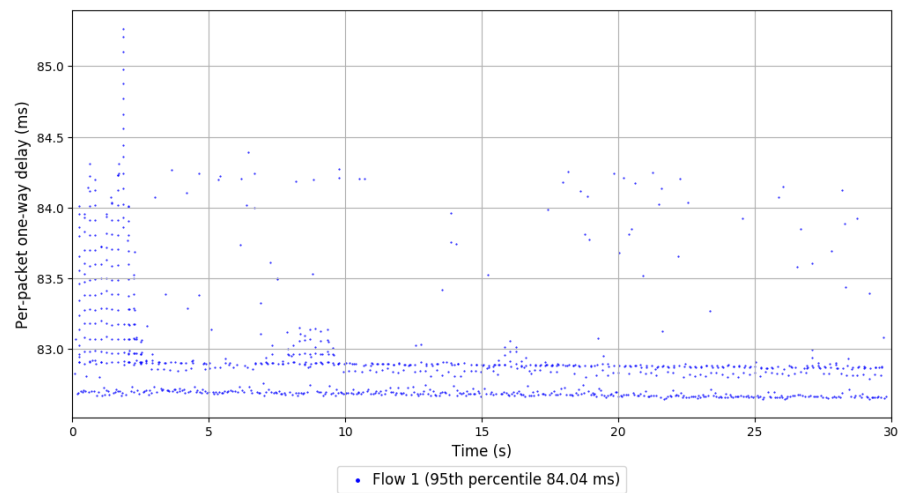
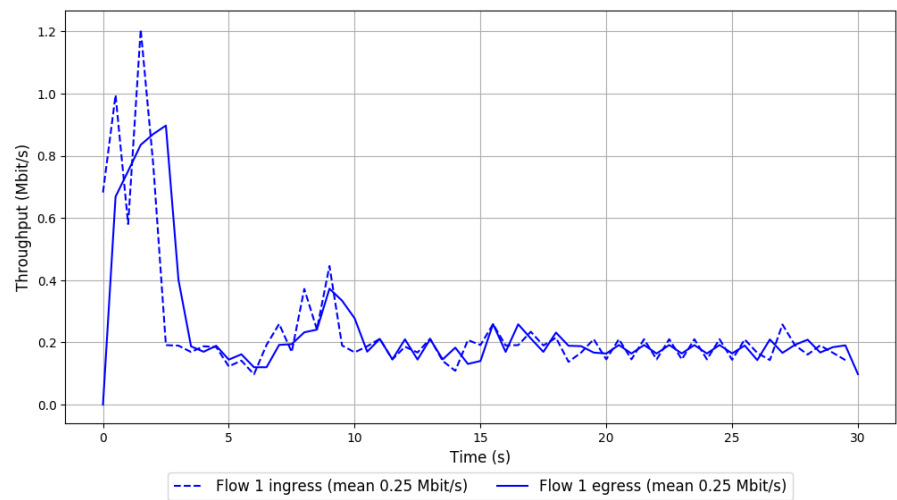
-- Flow 1:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 84.037 ms

Loss rate: 0.47%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-08-22 14:16:05

End at: 2018-08-22 14:16:35

Local clock offset: -4.744 ms

Remote clock offset: 7.493 ms

# Below is generated by plot.py at 2018-08-22 14:34:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 78.388 ms

Loss rate: 0.25%

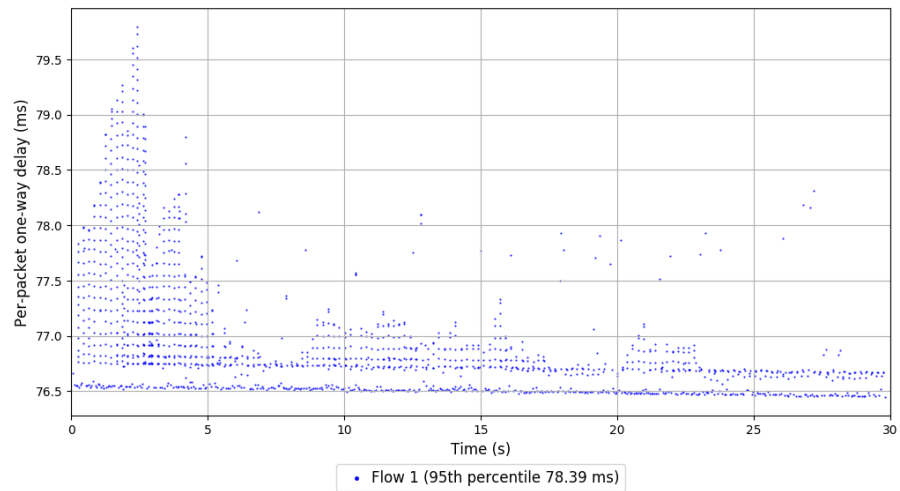
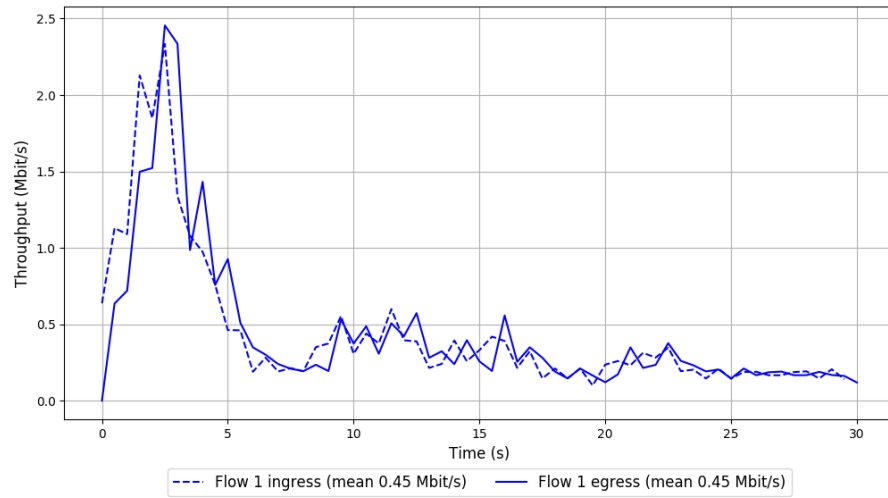
-- Flow 1:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 78.388 ms

Loss rate: 0.25%

## Run 10: Report of Sprout — Data Link



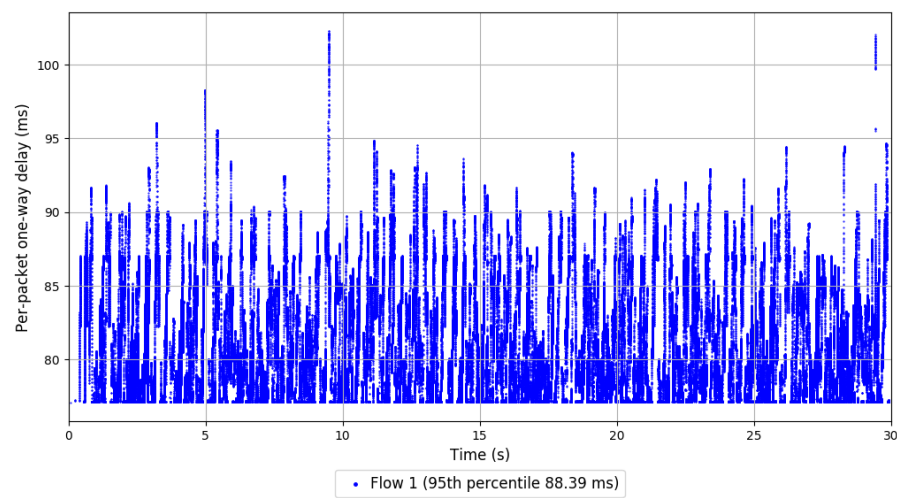
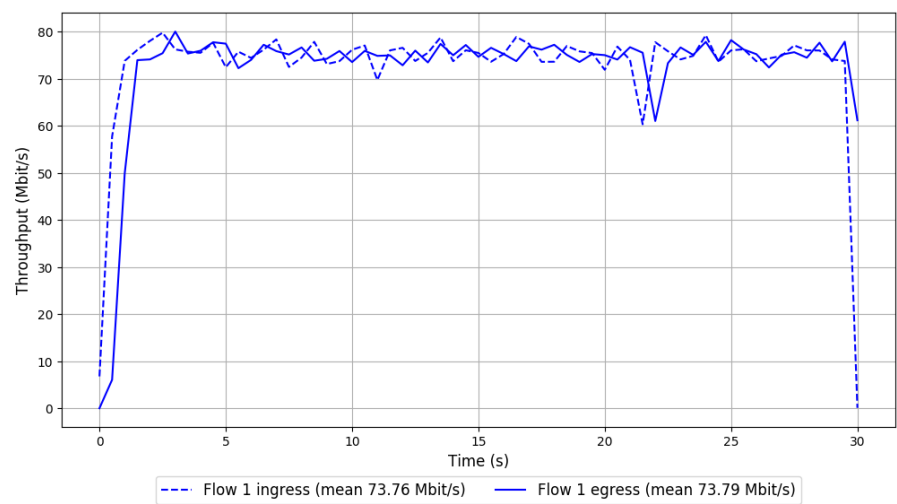
```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-22 11:10:18
End at: 2018-08-22 11:10:48
Local clock offset: -4.064 ms
Remote clock offset: 9.496 ms

# Below is generated by plot.py at 2018-08-22 14:35:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.79 Mbit/s
95th percentile per-packet one-way delay: 88.392 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 73.79 Mbit/s
95th percentile per-packet one-way delay: 88.392 ms
Loss rate: 0.53%
```



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-08-22 11:30:06

End at: 2018-08-22 11:30:36

Local clock offset: -4.78 ms

Remote clock offset: 2.885 ms

# Below is generated by plot.py at 2018-08-22 14:35:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.27 Mbit/s

95th percentile per-packet one-way delay: 97.215 ms

Loss rate: 0.56%

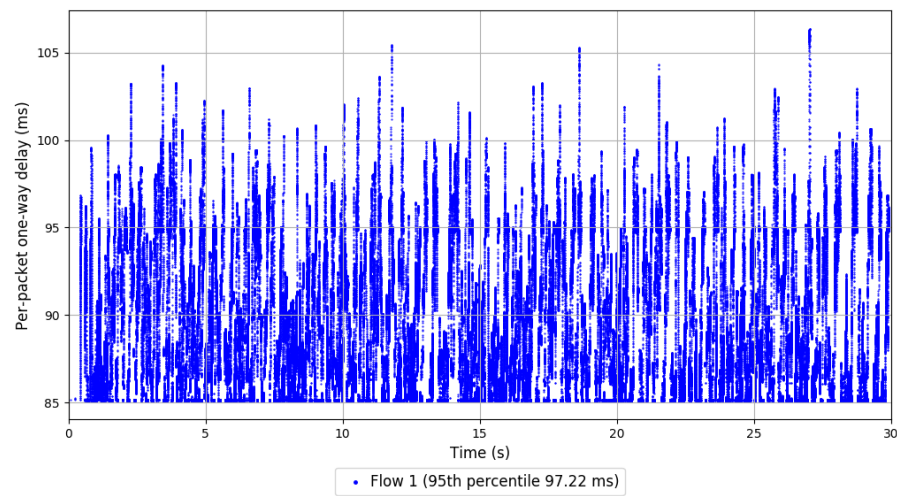
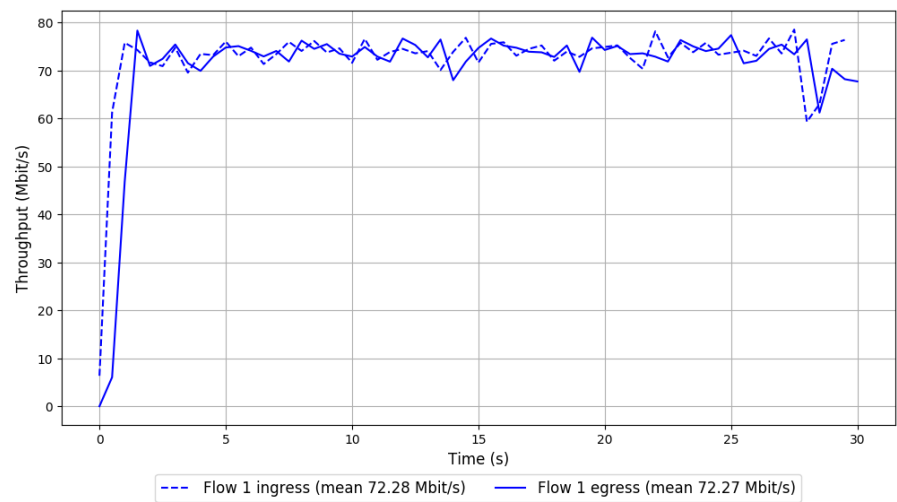
-- Flow 1:

Average throughput: 72.27 Mbit/s

95th percentile per-packet one-way delay: 97.215 ms

Loss rate: 0.56%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-22 11:49:53

End at: 2018-08-22 11:50:23

Local clock offset: -5.584 ms

Remote clock offset: 4.04 ms

# Below is generated by plot.py at 2018-08-22 14:35:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.72 Mbit/s

95th percentile per-packet one-way delay: 92.153 ms

Loss rate: 0.56%

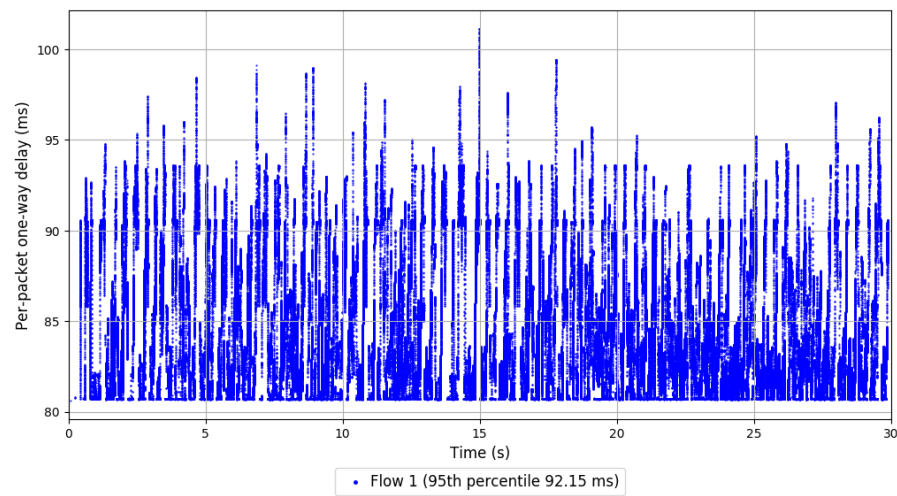
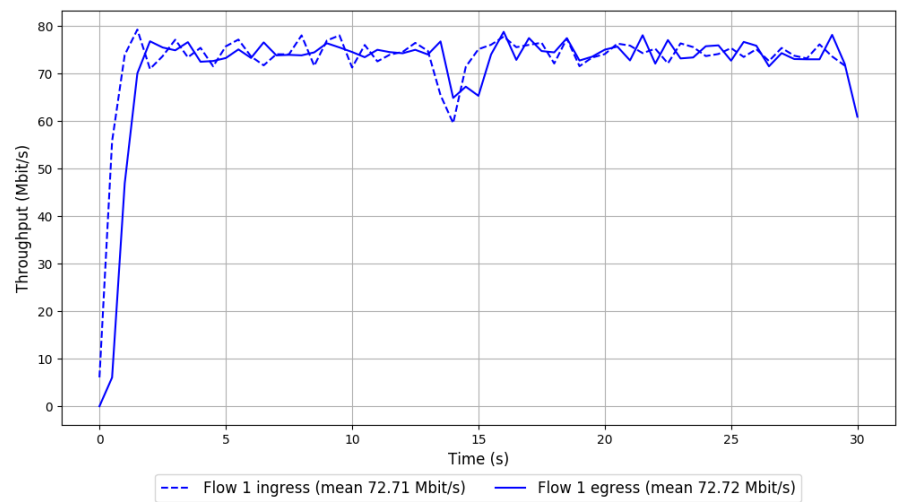
-- Flow 1:

Average throughput: 72.72 Mbit/s

95th percentile per-packet one-way delay: 92.153 ms

Loss rate: 0.56%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-08-22 12:09:42

End at: 2018-08-22 12:10:12

Local clock offset: -4.58 ms

Remote clock offset: 6.828 ms

# Below is generated by plot.py at 2018-08-22 14:35:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.30 Mbit/s

95th percentile per-packet one-way delay: 93.076 ms

Loss rate: 1.89%

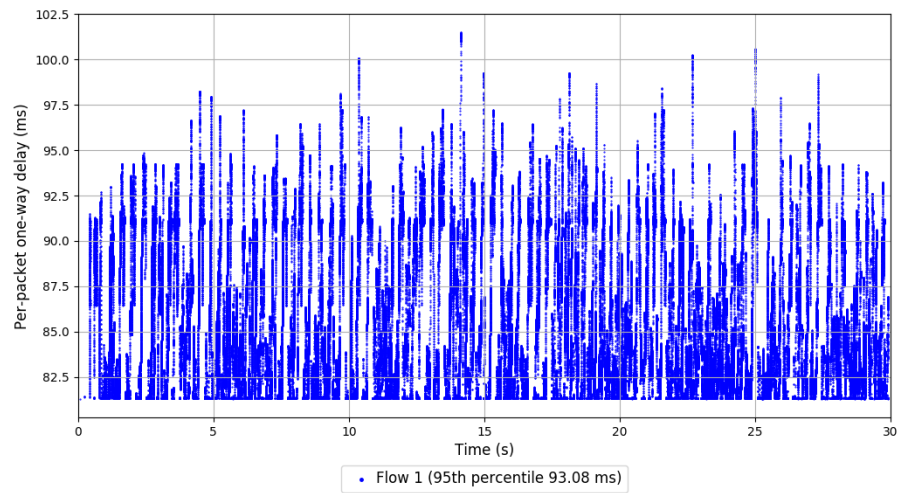
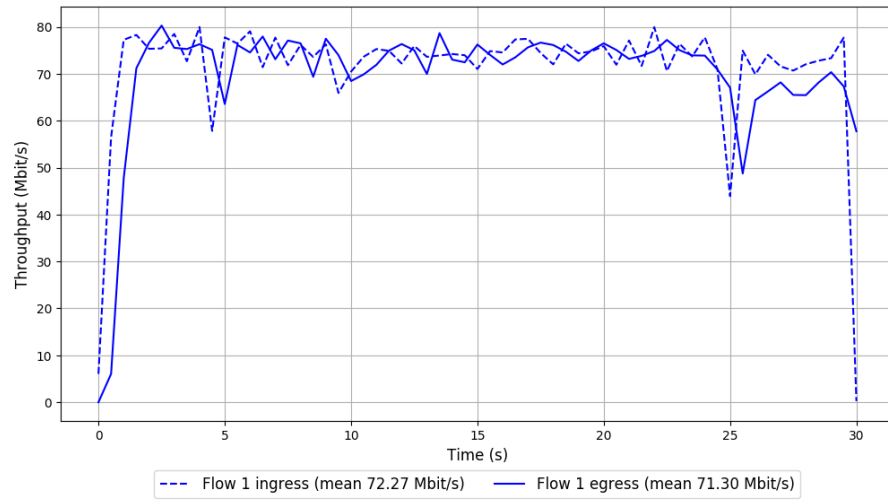
-- Flow 1:

Average throughput: 71.30 Mbit/s

95th percentile per-packet one-way delay: 93.076 ms

Loss rate: 1.89%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-08-22 12:29:50

End at: 2018-08-22 12:30:20

Local clock offset: -3.995 ms

Remote clock offset: 7.055 ms

# Below is generated by plot.py at 2018-08-22 14:35:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.07 Mbit/s

95th percentile per-packet one-way delay: 90.968 ms

Loss rate: 0.56%

-- Flow 1:

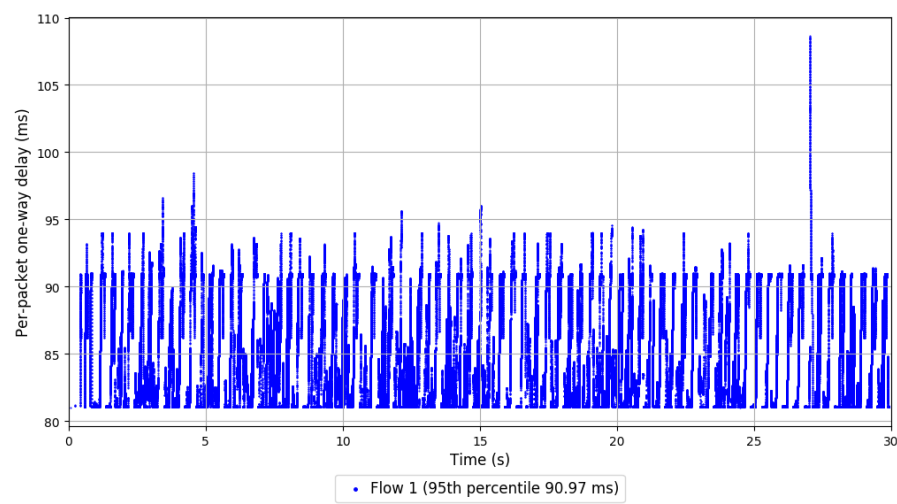
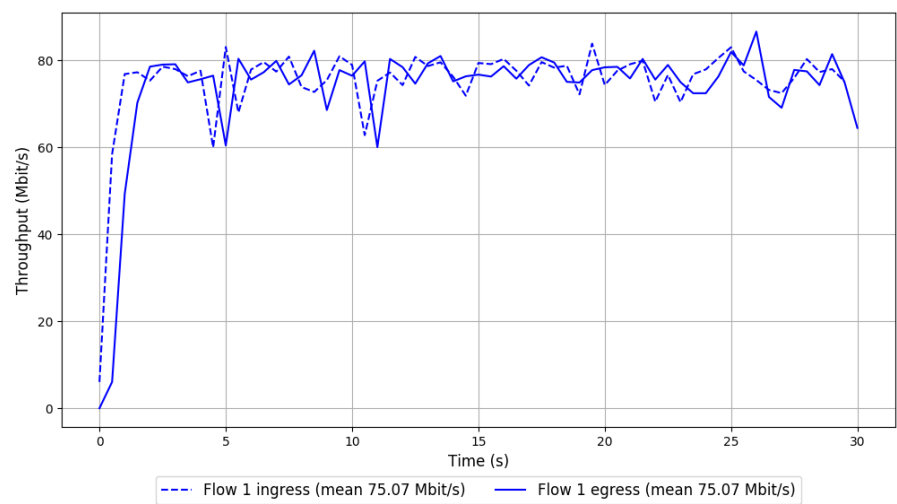
Average throughput: 75.07 Mbit/s

95th percentile per-packet one-way delay: 90.968 ms

Loss rate: 0.56%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-08-22 12:49:40

End at: 2018-08-22 12:50:10

Local clock offset: -4.581 ms

Remote clock offset: 7.514 ms

# Below is generated by plot.py at 2018-08-22 14:35:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.38 Mbit/s

95th percentile per-packet one-way delay: 89.937 ms

Loss rate: 0.67%

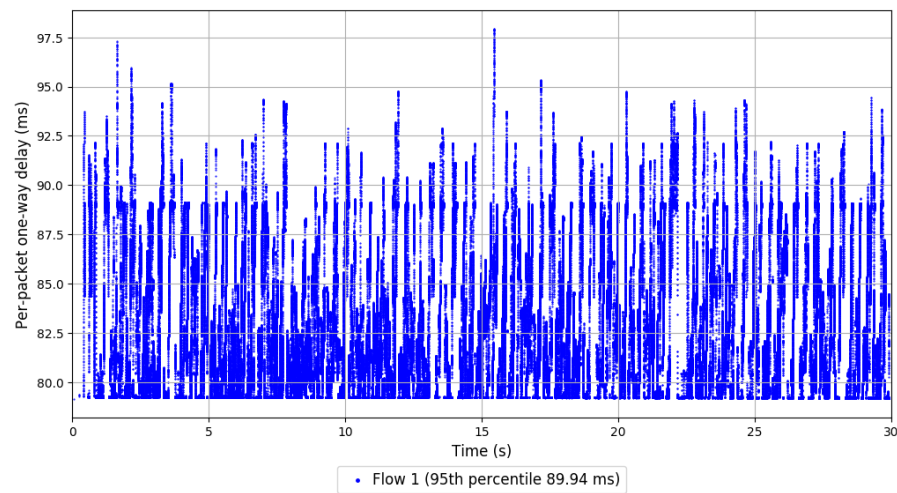
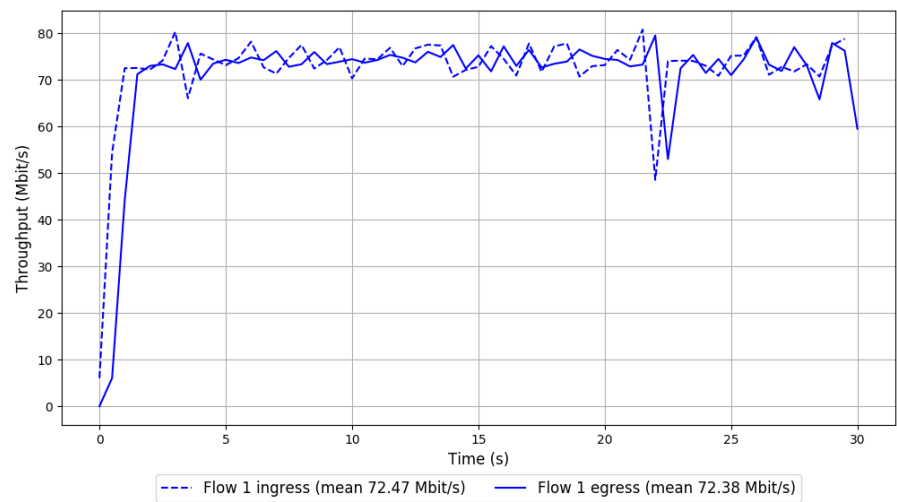
-- Flow 1:

Average throughput: 72.38 Mbit/s

95th percentile per-packet one-way delay: 89.937 ms

Loss rate: 0.67%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-08-22 13:09:37

End at: 2018-08-22 13:10:07

Local clock offset: -3.931 ms

Remote clock offset: 2.827 ms

# Below is generated by plot.py at 2018-08-22 14:35:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.16 Mbit/s

95th percentile per-packet one-way delay: 94.614 ms

Loss rate: 0.50%

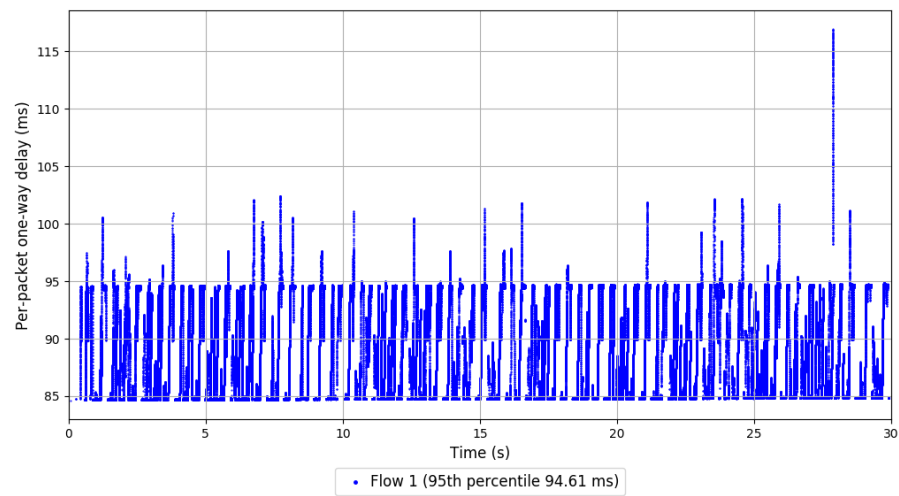
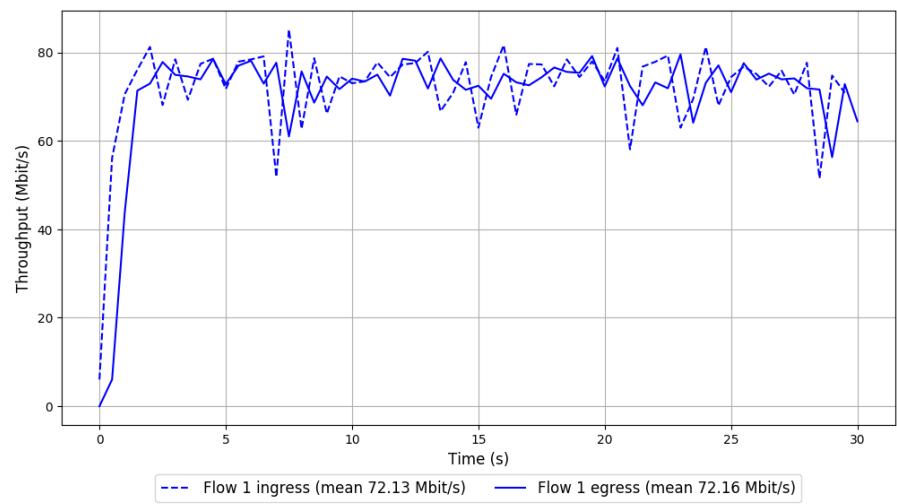
-- Flow 1:

Average throughput: 72.16 Mbit/s

95th percentile per-packet one-way delay: 94.614 ms

Loss rate: 0.50%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-08-22 13:29:26

End at: 2018-08-22 13:29:56

Local clock offset: -7.912 ms

Remote clock offset: 7.165 ms

# Below is generated by plot.py at 2018-08-22 14:35:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 90.167 ms

Loss rate: 0.56%

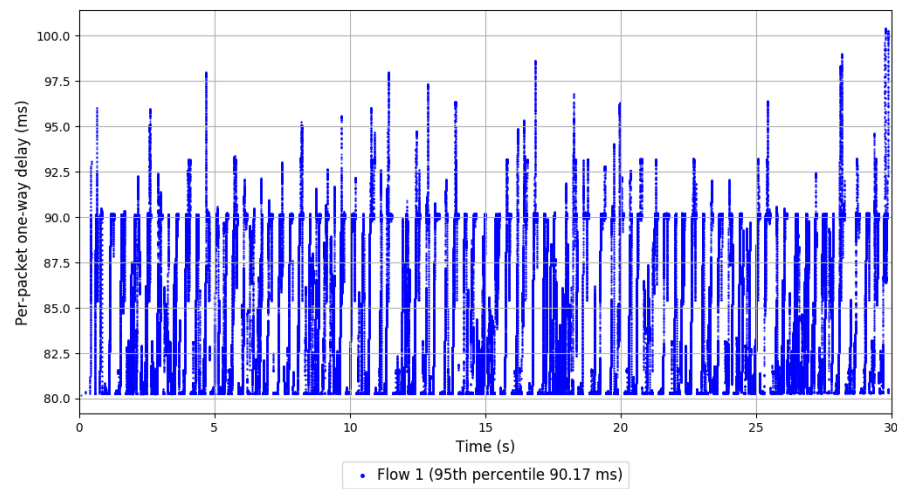
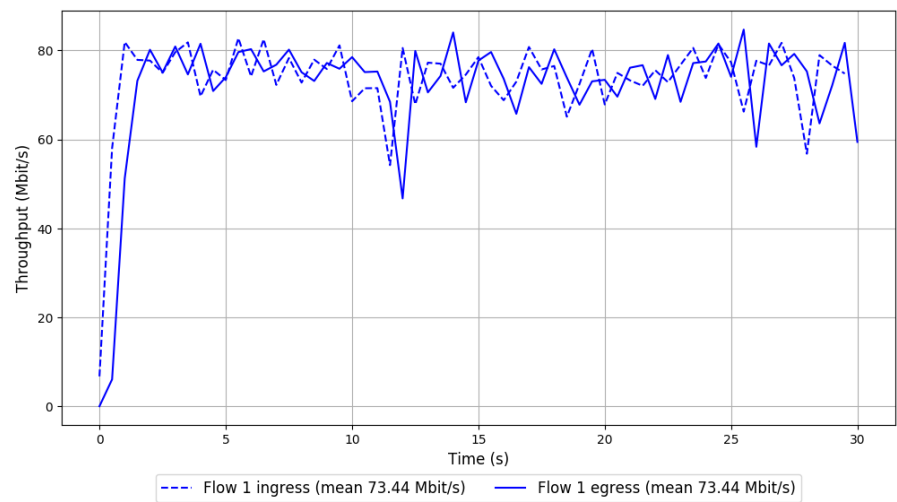
-- Flow 1:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 90.167 ms

Loss rate: 0.56%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-08-22 13:49:12

End at: 2018-08-22 13:49:42

Local clock offset: -7.435 ms

Remote clock offset: 7.535 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.02 Mbit/s

95th percentile per-packet one-way delay: 90.095 ms

Loss rate: 0.59%

-- Flow 1:

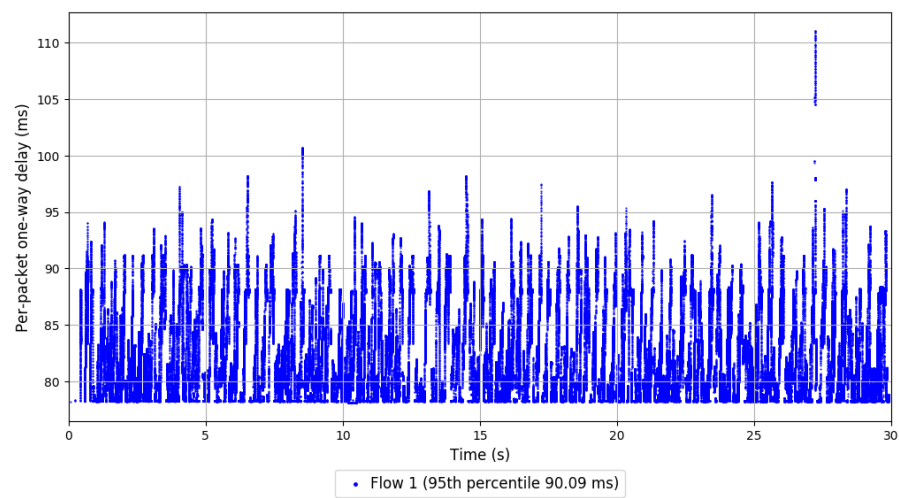
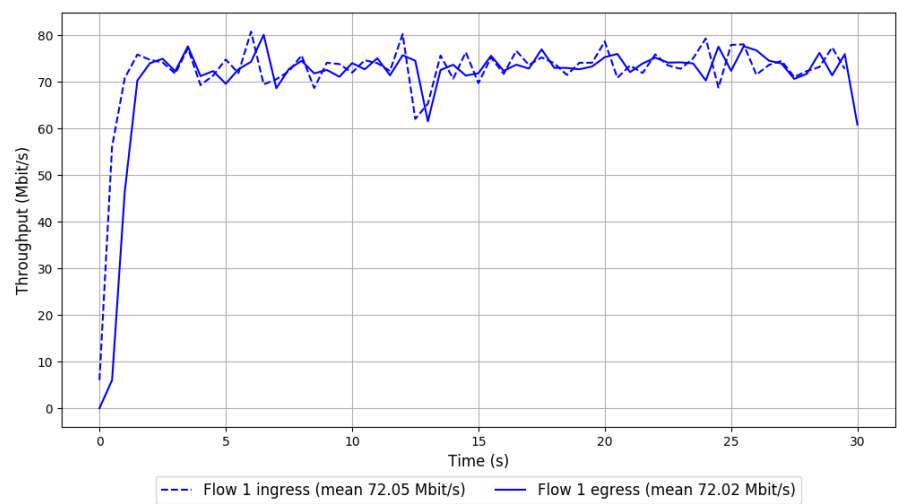
Average throughput: 72.02 Mbit/s

95th percentile per-packet one-way delay: 90.095 ms

Loss rate: 0.59%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-08-22 14:09:00

End at: 2018-08-22 14:09:30

Local clock offset: -6.575 ms

Remote clock offset: 1.664 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.61 Mbit/s

95th percentile per-packet one-way delay: 97.132 ms

Loss rate: 0.56%

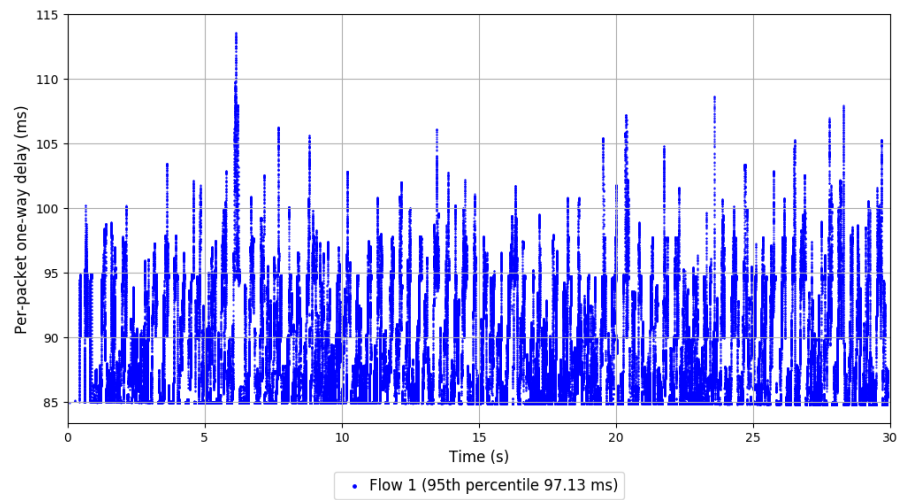
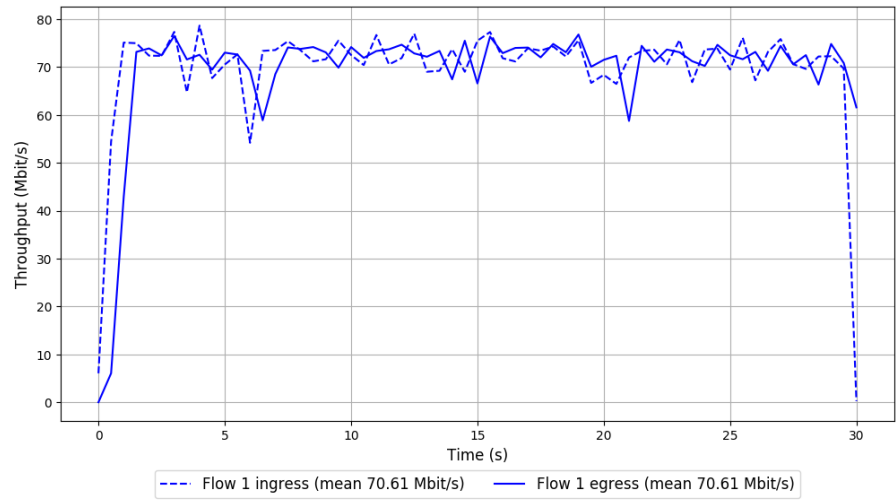
-- Flow 1:

Average throughput: 70.61 Mbit/s

95th percentile per-packet one-way delay: 97.132 ms

Loss rate: 0.56%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-08-22 11:03:25

End at: 2018-08-22 11:03:55

Local clock offset: -3.736 ms

Remote clock offset: 8.243 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.65 Mbit/s

95th percentile per-packet one-way delay: 81.950 ms

Loss rate: 0.96%

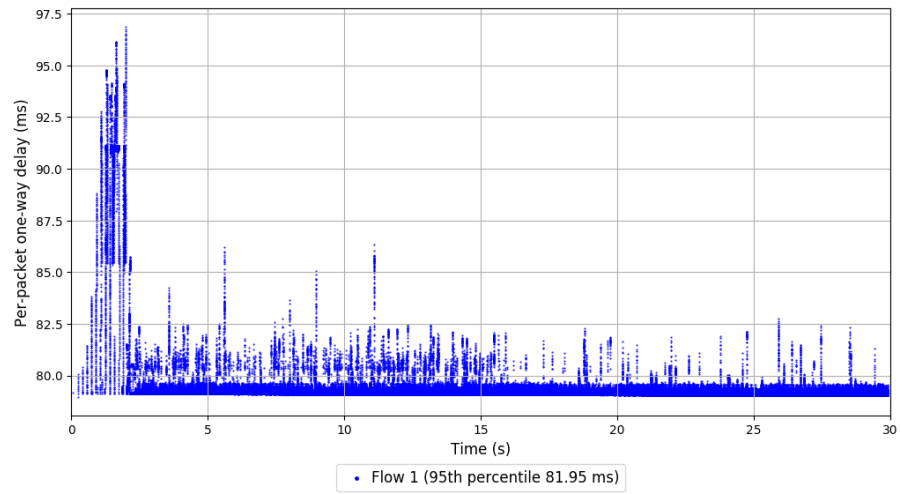
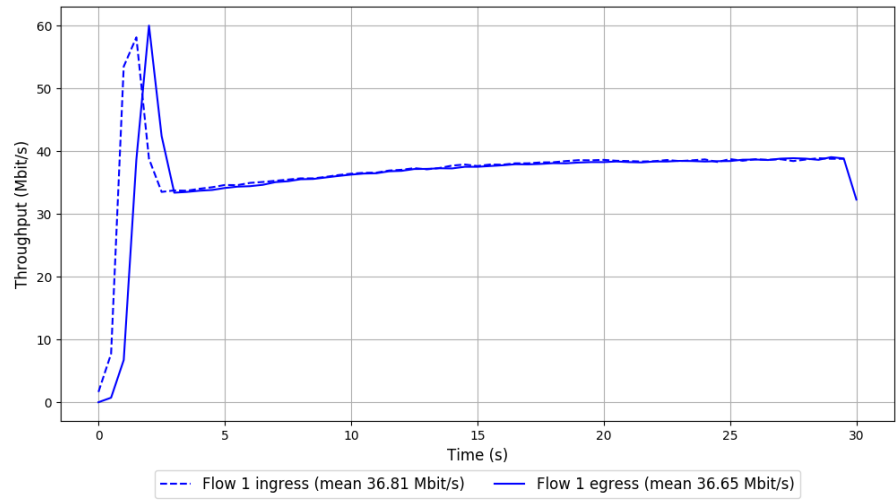
-- Flow 1:

Average throughput: 36.65 Mbit/s

95th percentile per-packet one-way delay: 81.950 ms

Loss rate: 0.96%

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



Run 2: Statistics of TCP Vegas

Start at: 2018-08-22 11:23:14

End at: 2018-08-22 11:23:44

Local clock offset: -5.528 ms

Remote clock offset: 6.667 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.61 Mbit/s

95th percentile per-packet one-way delay: 84.899 ms

Loss rate: 0.59%

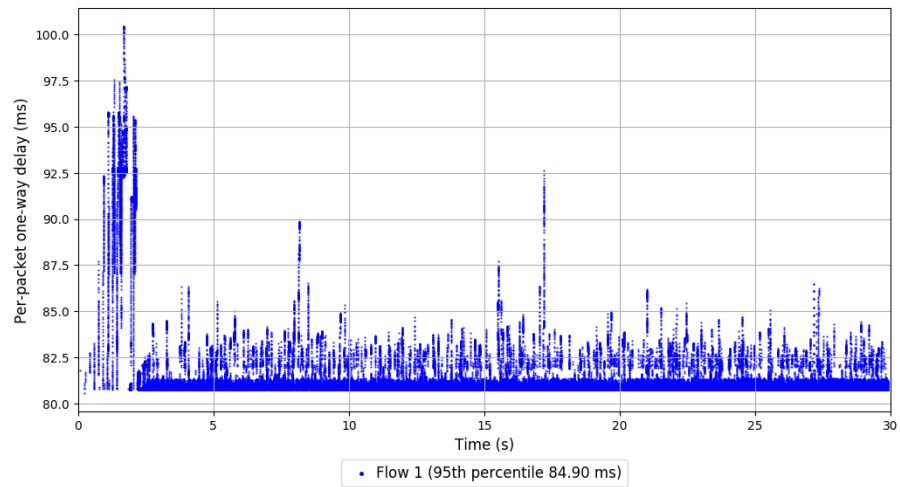
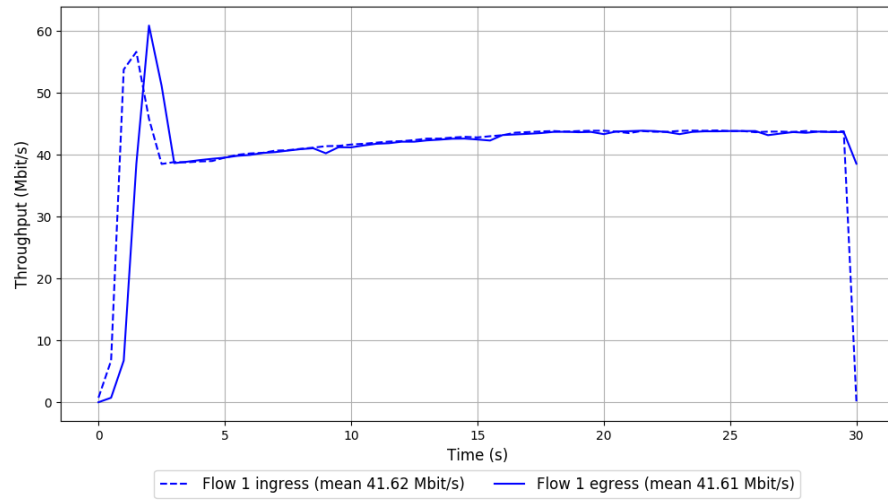
-- Flow 1:

Average throughput: 41.61 Mbit/s

95th percentile per-packet one-way delay: 84.899 ms

Loss rate: 0.59%

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



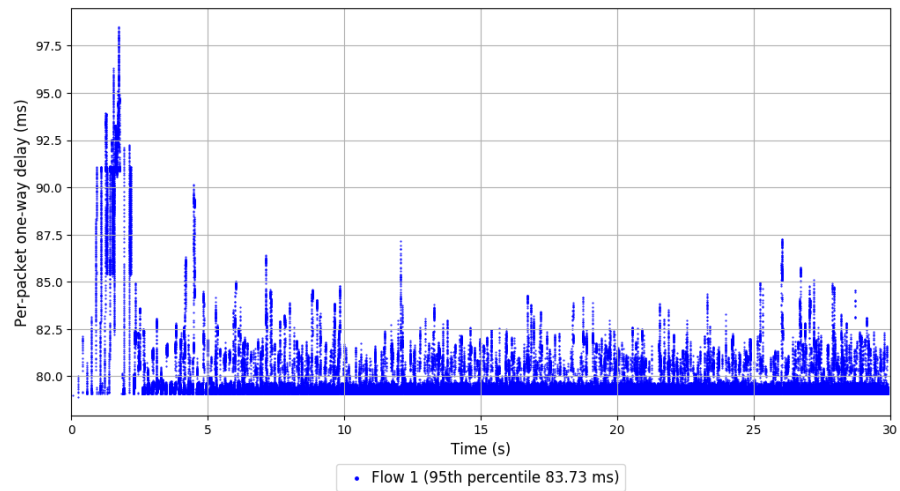
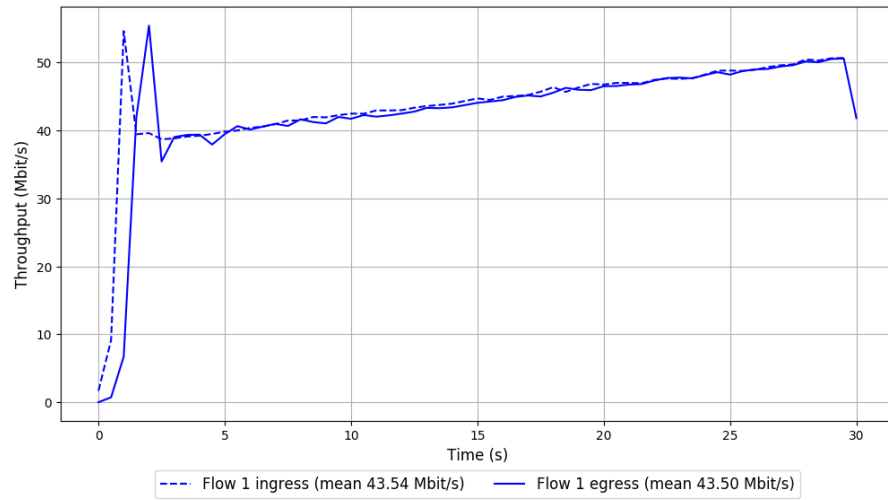
Run 3: Statistics of TCP Vegas

Start at: 2018-08-22 11:43:01  
End at: 2018-08-22 11:43:31  
Local clock offset: -4.882 ms  
Remote clock offset: 8.954 ms

# Below is generated by plot.py at 2018-08-22 14:36:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.50 Mbit/s  
95th percentile per-packet one-way delay: 83.730 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 43.50 Mbit/s  
95th percentile per-packet one-way delay: 83.730 ms  
Loss rate: 0.65%



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



Run 4: Statistics of TCP Vegas

Start at: 2018-08-22 12:02:50

End at: 2018-08-22 12:03:20

Local clock offset: -4.816 ms

Remote clock offset: 7.92 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 36.61 Mbit/s

95th percentile per-packet one-way delay: 85.966 ms

Loss rate: 0.57%

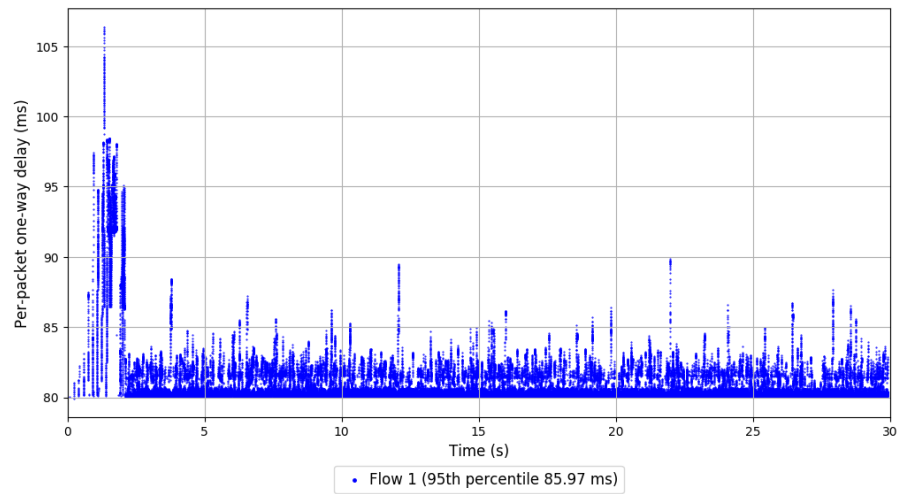
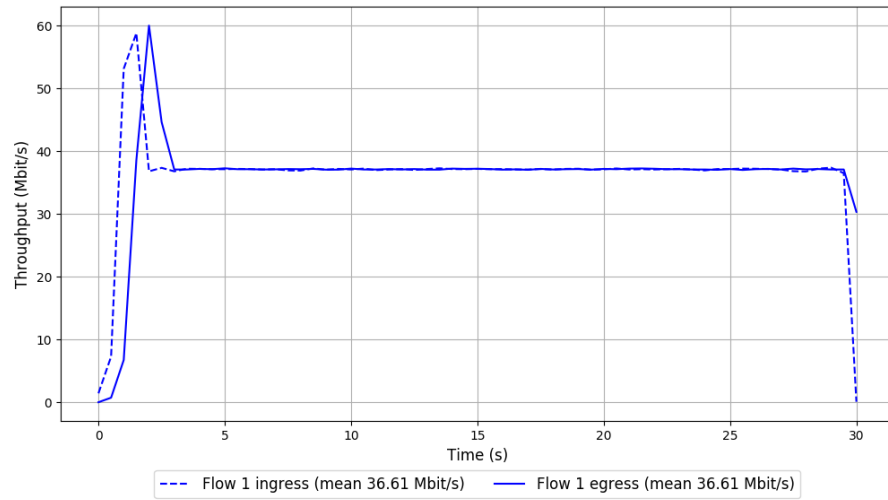
-- Flow 1:

Average throughput: 36.61 Mbit/s

95th percentile per-packet one-way delay: 85.966 ms

Loss rate: 0.57%

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



Run 5: Statistics of TCP Vegas

Start at: 2018-08-22 12:22:58

End at: 2018-08-22 12:23:28

Local clock offset: -4.049 ms

Remote clock offset: 9.248 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.17 Mbit/s

95th percentile per-packet one-way delay: 83.213 ms

Loss rate: 0.64%

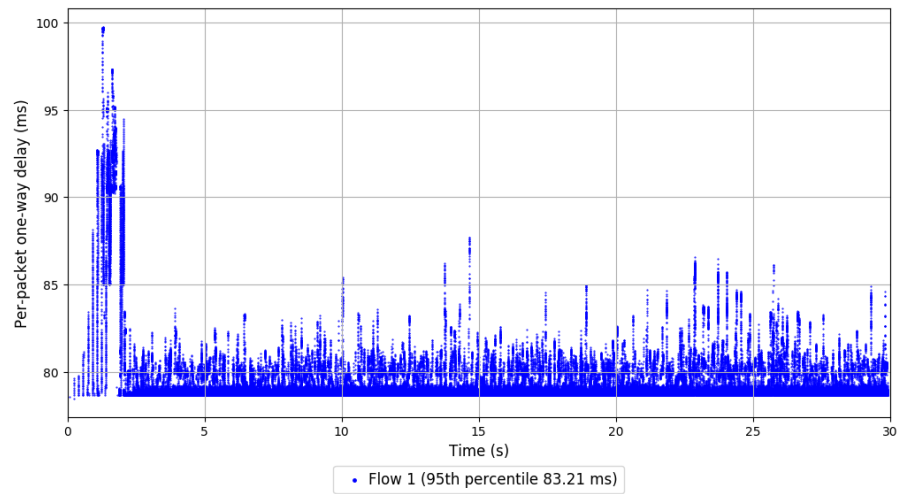
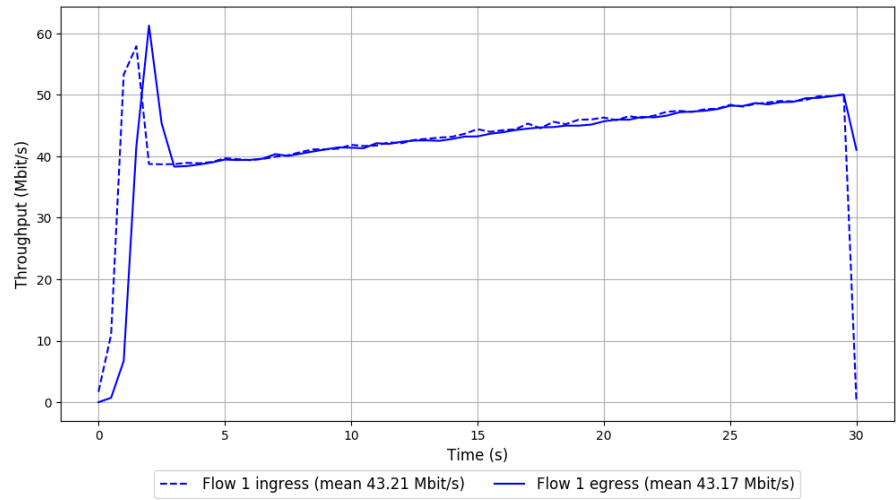
-- Flow 1:

Average throughput: 43.17 Mbit/s

95th percentile per-packet one-way delay: 83.213 ms

Loss rate: 0.64%

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



Run 6: Statistics of TCP Vegas

Start at: 2018-08-22 12:42:47

End at: 2018-08-22 12:43:17

Local clock offset: -3.058 ms

Remote clock offset: 7.059 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.00 Mbit/s

95th percentile per-packet one-way delay: 85.433 ms

Loss rate: 0.61%

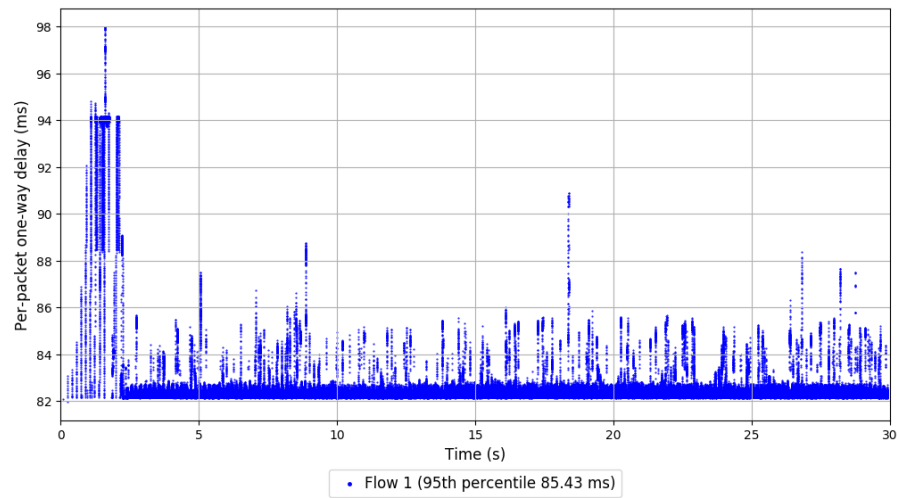
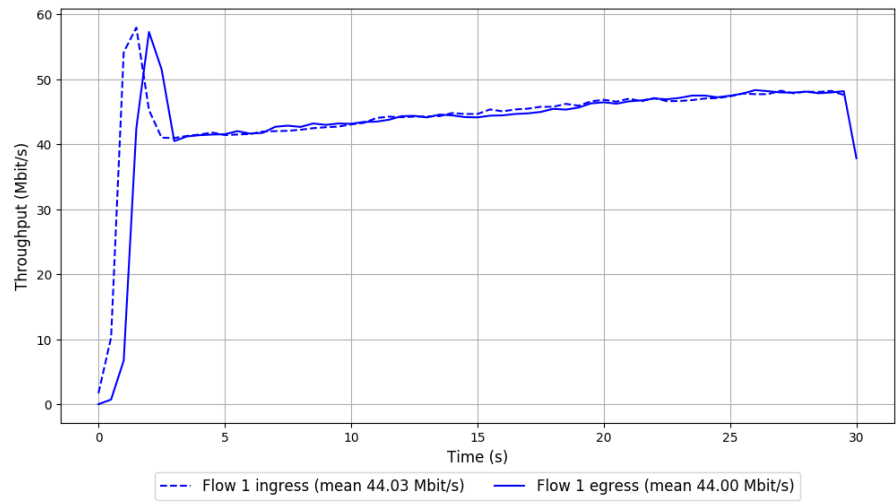
-- Flow 1:

Average throughput: 44.00 Mbit/s

95th percentile per-packet one-way delay: 85.433 ms

Loss rate: 0.61%

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



Run 7: Statistics of TCP Vegas

Start at: 2018-08-22 13:02:45

End at: 2018-08-22 13:03:15

Local clock offset: -4.48 ms

Remote clock offset: 1.848 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.70 Mbit/s

95th percentile per-packet one-way delay: 87.542 ms

Loss rate: 0.58%

-- Flow 1:

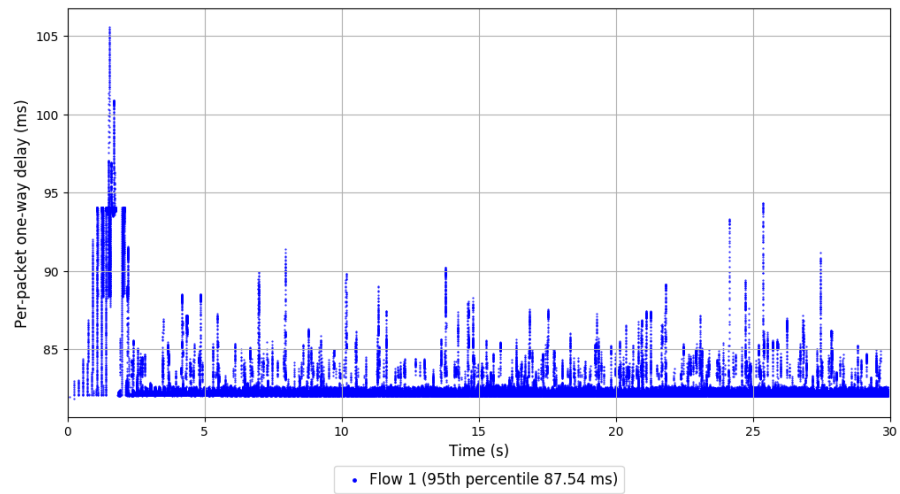
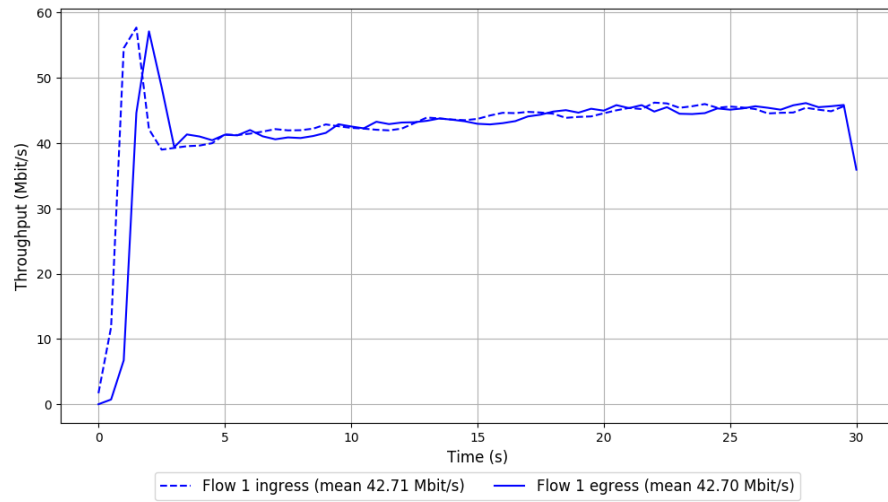
Average throughput: 42.70 Mbit/s

95th percentile per-packet one-way delay: 87.542 ms

Loss rate: 0.58%



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



Run 8: Statistics of TCP Vegas

Start at: 2018-08-22 13:22:33

End at: 2018-08-22 13:23:03

Local clock offset: -7.403 ms

Remote clock offset: 6.811 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.70 Mbit/s

95th percentile per-packet one-way delay: 82.149 ms

Loss rate: 0.64%

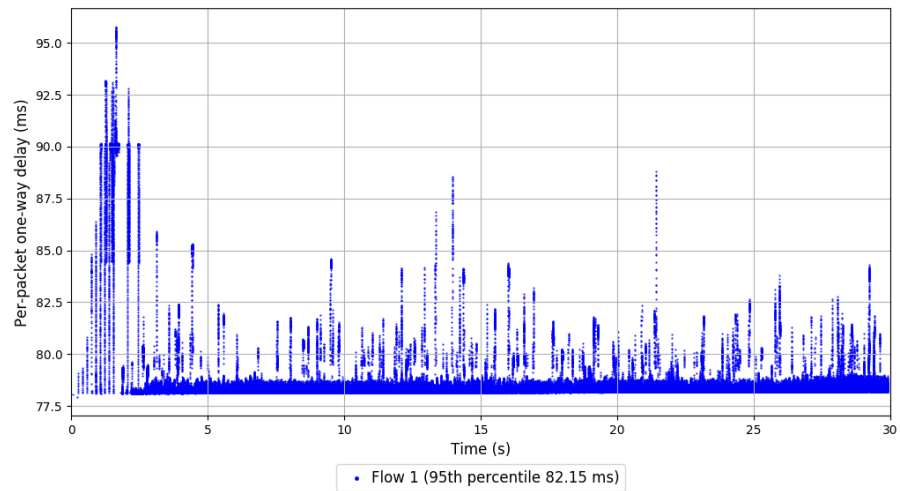
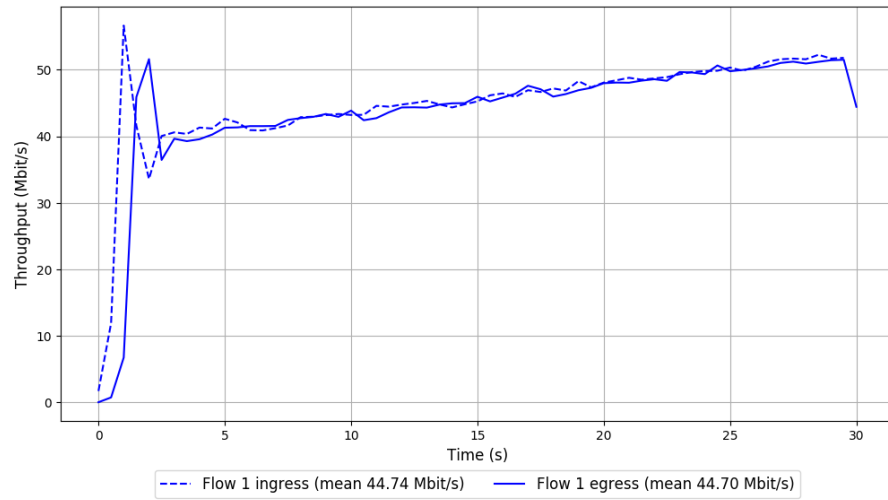
-- Flow 1:

Average throughput: 44.70 Mbit/s

95th percentile per-packet one-way delay: 82.149 ms

Loss rate: 0.64%

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



Run 9: Statistics of TCP Vegas

Start at: 2018-08-22 13:42:20

End at: 2018-08-22 13:42:50

Local clock offset: -8.567 ms

Remote clock offset: 2.632 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.73 Mbit/s

95th percentile per-packet one-way delay: 90.780 ms

Loss rate: 0.57%

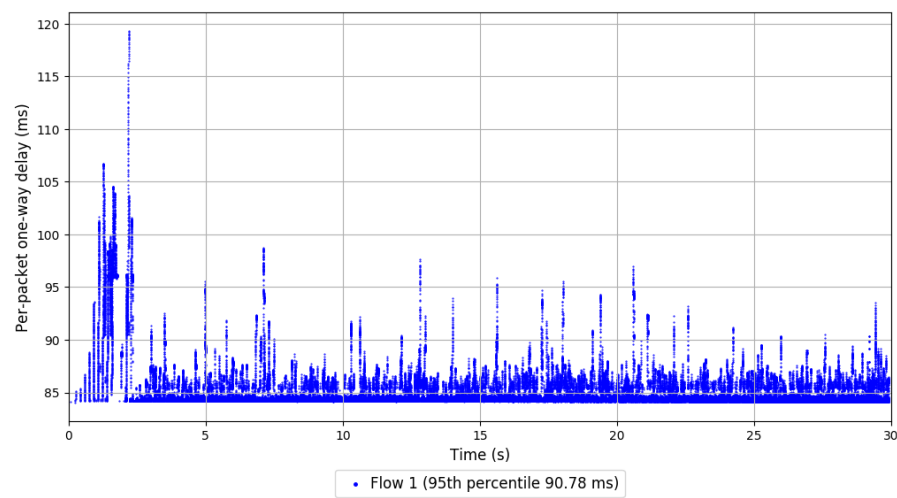
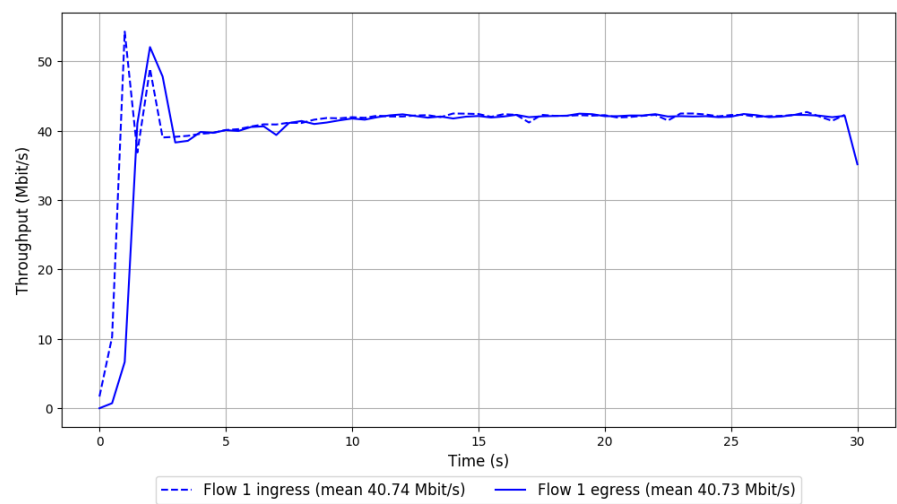
-- Flow 1:

Average throughput: 40.73 Mbit/s

95th percentile per-packet one-way delay: 90.780 ms

Loss rate: 0.57%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-08-22 14:02:08

End at: 2018-08-22 14:02:38

Local clock offset: -7.413 ms

Remote clock offset: 5.716 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.28 Mbit/s

95th percentile per-packet one-way delay: 86.594 ms

Loss rate: 0.65%

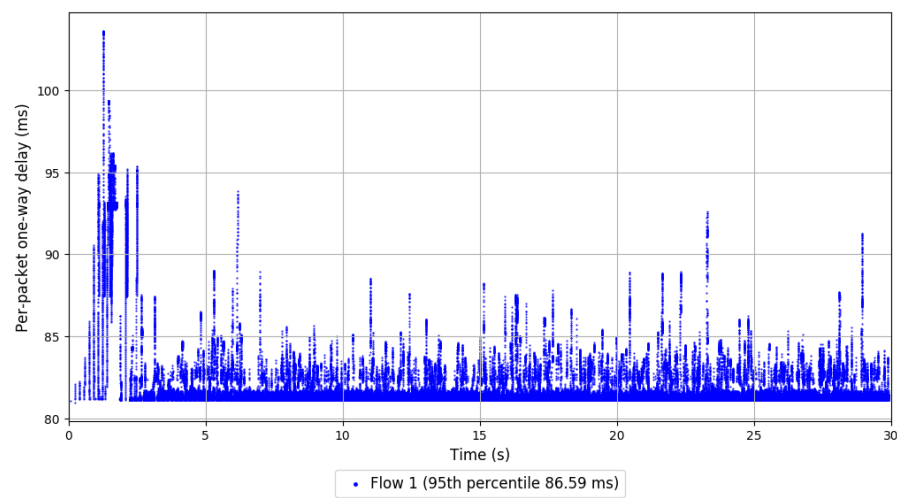
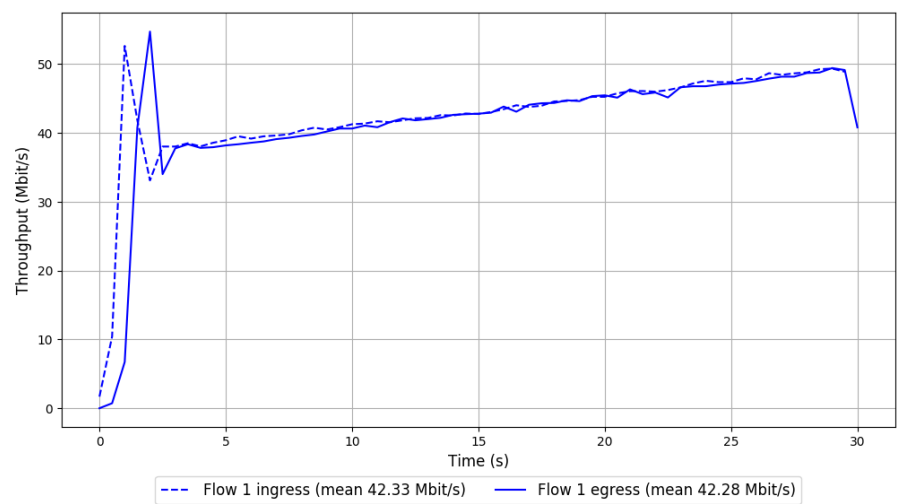
-- Flow 1:

Average throughput: 42.28 Mbit/s

95th percentile per-packet one-way delay: 86.594 ms

Loss rate: 0.65%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-08-22 11:13:54

End at: 2018-08-22 11:14:24

Local clock offset: -4.327 ms

Remote clock offset: 3.325 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.99 Mbit/s

95th percentile per-packet one-way delay: 97.847 ms

Loss rate: 0.03%

-- Flow 1:

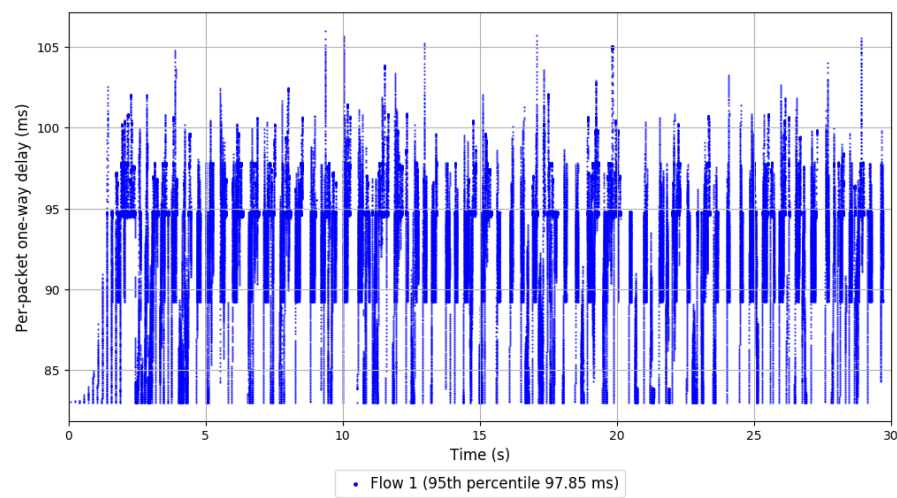
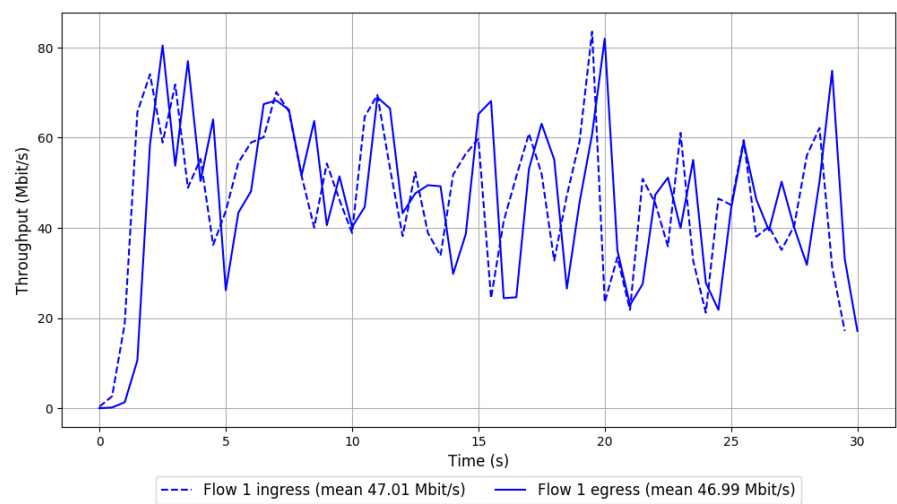
Average throughput: 46.99 Mbit/s

95th percentile per-packet one-way delay: 97.847 ms

Loss rate: 0.03%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-08-22 11:33:40

End at: 2018-08-22 11:34:10

Local clock offset: -5.545 ms

Remote clock offset: 7.694 ms

# Below is generated by plot.py at 2018-08-22 14:36:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.03 Mbit/s

95th percentile per-packet one-way delay: 94.565 ms

Loss rate: 3.32%

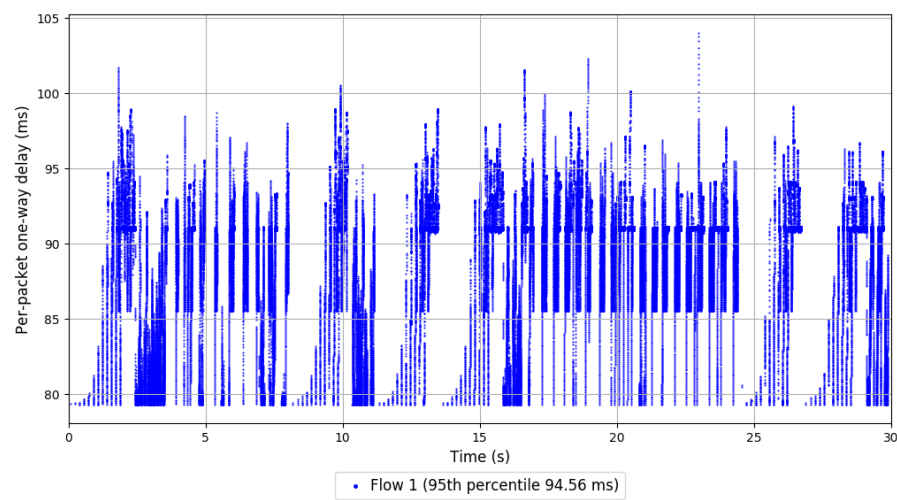
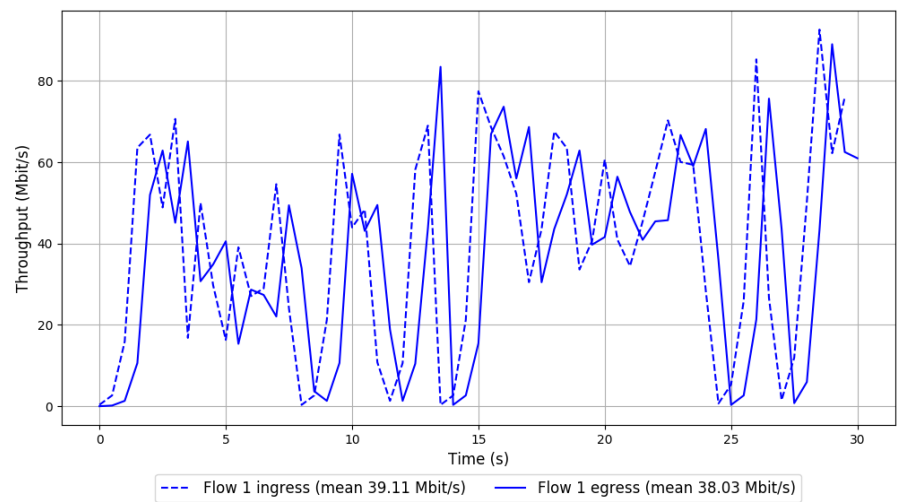
-- Flow 1:

Average throughput: 38.03 Mbit/s

95th percentile per-packet one-way delay: 94.565 ms

Loss rate: 3.32%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-08-22 11:53:28

End at: 2018-08-22 11:53:58

Local clock offset: -4.81 ms

Remote clock offset: 2.997 ms

# Below is generated by plot.py at 2018-08-22 14:36:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 51.63 Mbit/s

95th percentile per-packet one-way delay: 100.583 ms

Loss rate: 0.87%

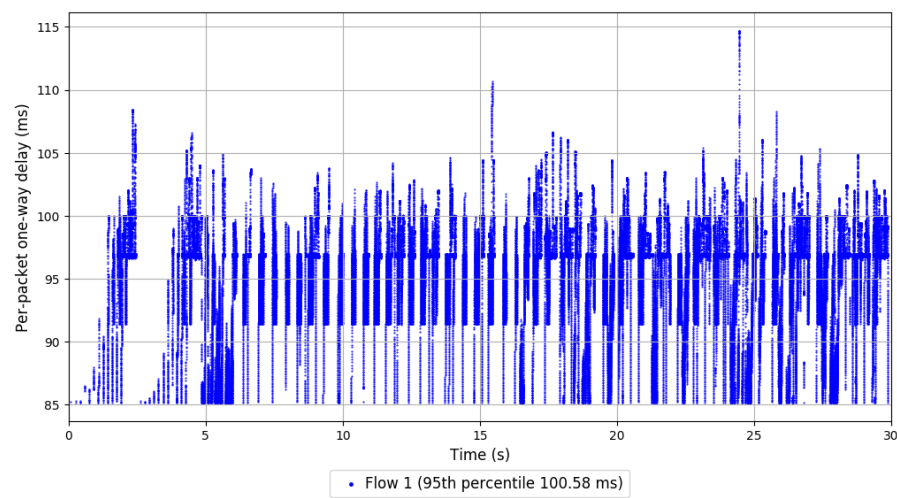
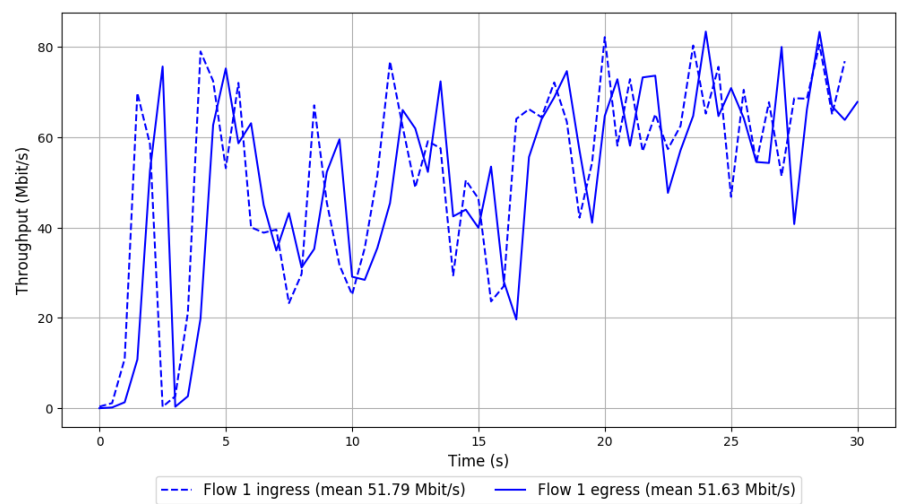
-- Flow 1:

Average throughput: 51.63 Mbit/s

95th percentile per-packet one-way delay: 100.583 ms

Loss rate: 0.87%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-08-22 12:13:28

End at: 2018-08-22 12:13:58

Local clock offset: -4.354 ms

Remote clock offset: 6.846 ms

# Below is generated by plot.py at 2018-08-22 14:36:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.17 Mbit/s

95th percentile per-packet one-way delay: 94.920 ms

Loss rate: 1.38%

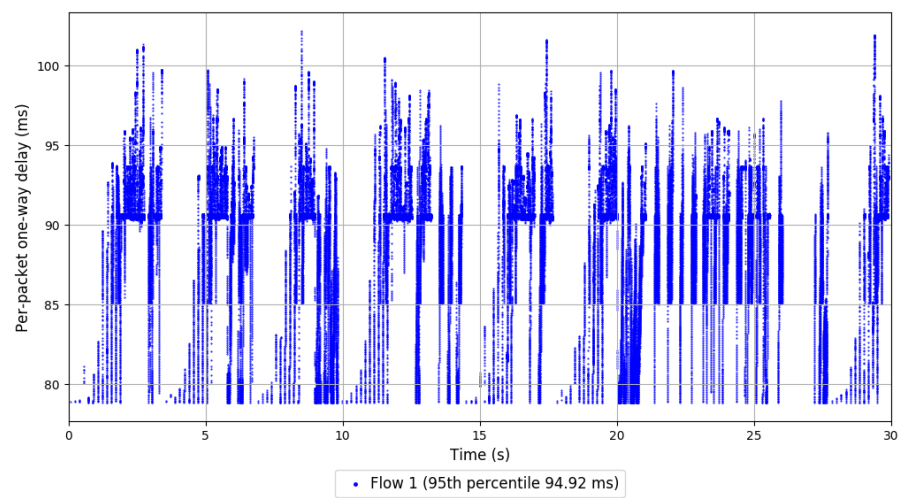
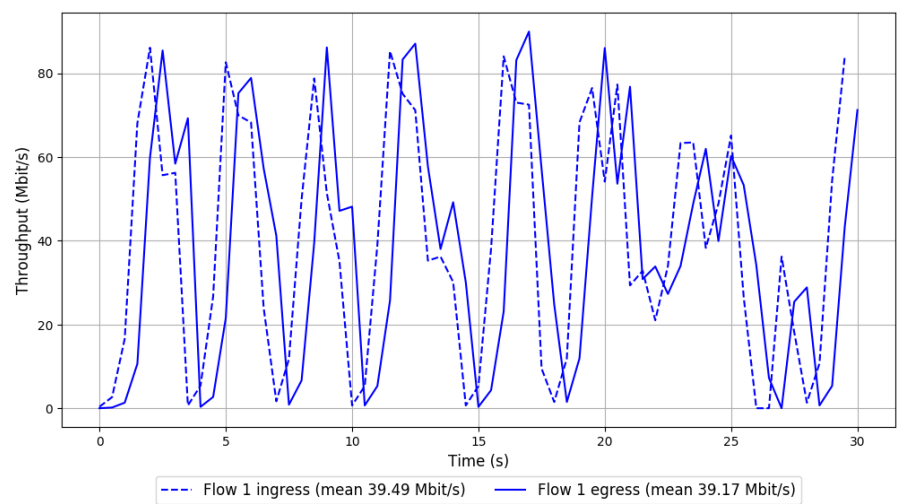
-- Flow 1:

Average throughput: 39.17 Mbit/s

95th percentile per-packet one-way delay: 94.920 ms

Loss rate: 1.38%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-08-22 12:33:25

End at: 2018-08-22 12:33:55

Local clock offset: -3.859 ms

Remote clock offset: 4.433 ms

# Below is generated by plot.py at 2018-08-22 14:36:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 38.69 Mbit/s

95th percentile per-packet one-way delay: 98.324 ms

Loss rate: 9.81%

-- Flow 1:

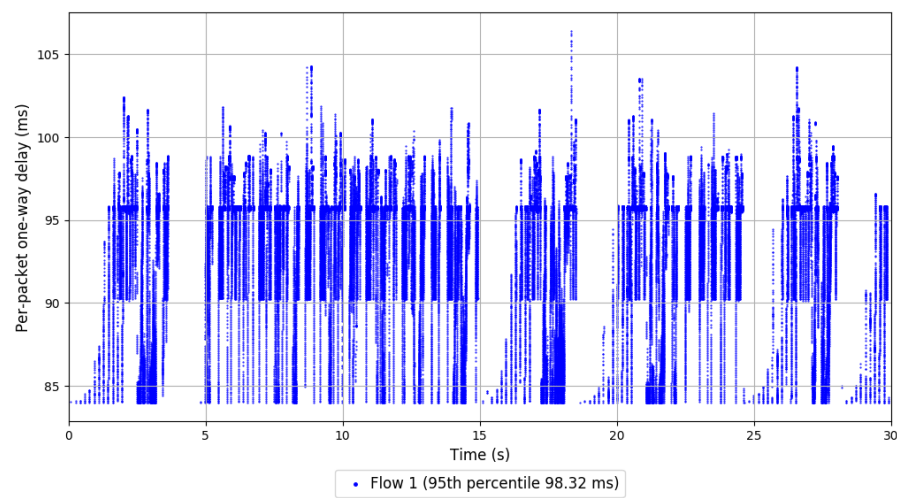
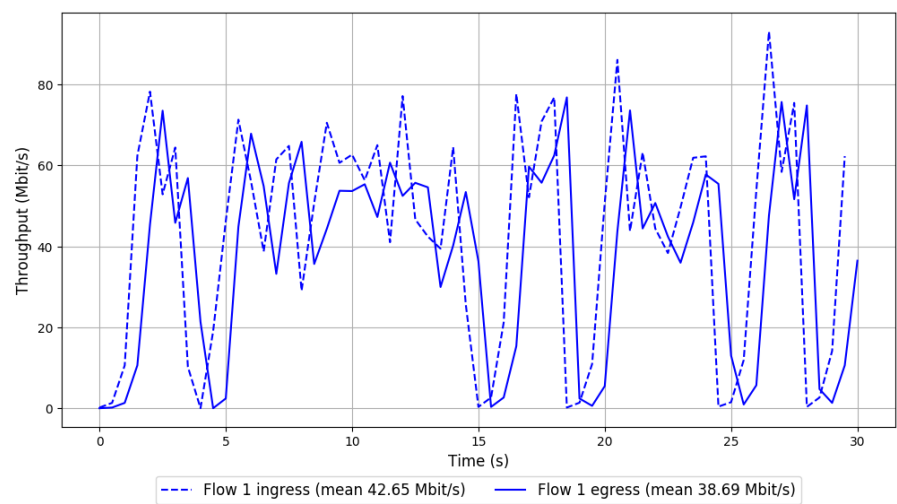
Average throughput: 38.69 Mbit/s

95th percentile per-packet one-way delay: 98.324 ms

Loss rate: 9.81%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-08-22 12:53:14

End at: 2018-08-22 12:53:44

Local clock offset: -3.015 ms

Remote clock offset: 7.274 ms

# Below is generated by plot.py at 2018-08-22 14:36:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 40.67 Mbit/s

95th percentile per-packet one-way delay: 95.353 ms

Loss rate: 10.80%

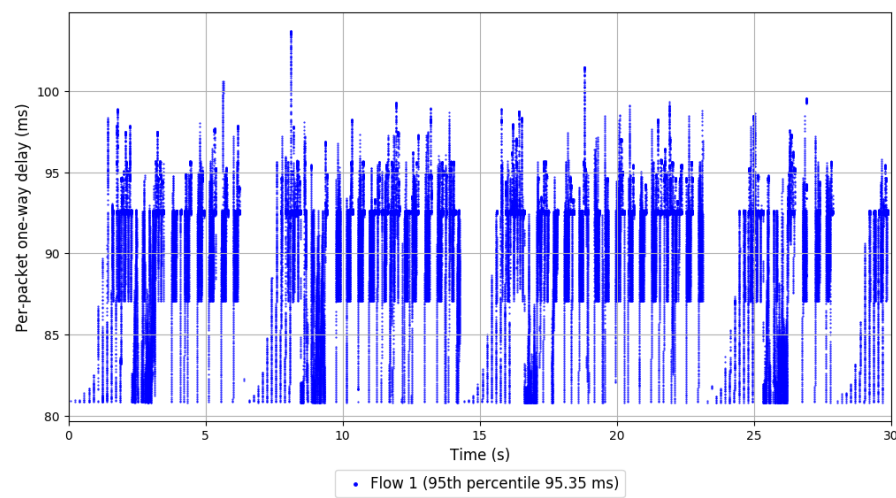
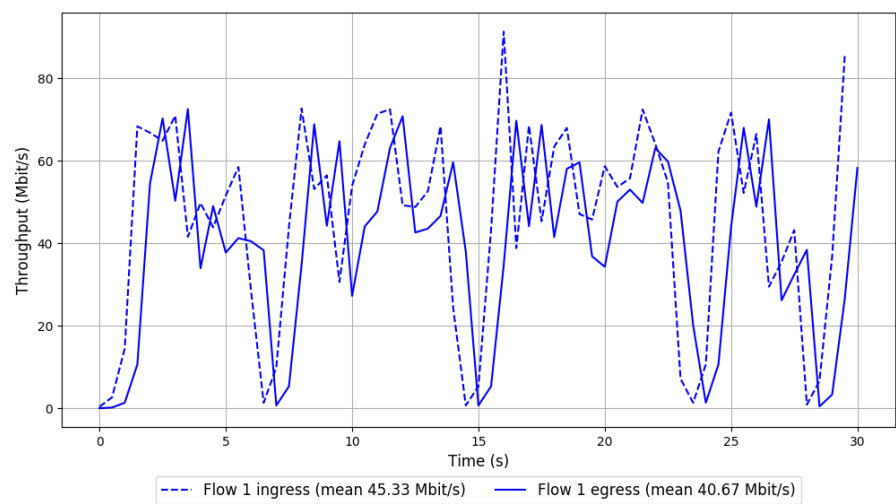
-- Flow 1:

Average throughput: 40.67 Mbit/s

95th percentile per-packet one-way delay: 95.353 ms

Loss rate: 10.80%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-08-22 13:13:12

End at: 2018-08-22 13:13:42

Local clock offset: -6.509 ms

Remote clock offset: 1.507 ms

# Below is generated by plot.py at 2018-08-22 14:37:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.14 Mbit/s

95th percentile per-packet one-way delay: 96.215 ms

Loss rate: 1.09%

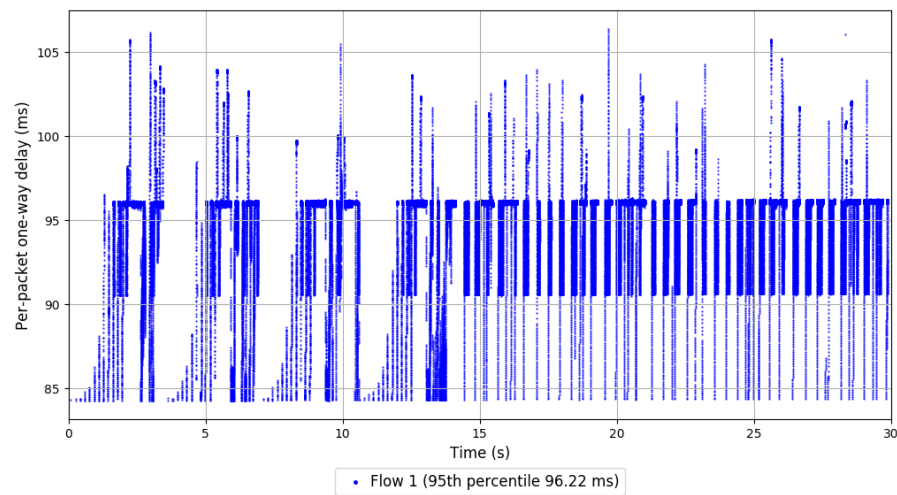
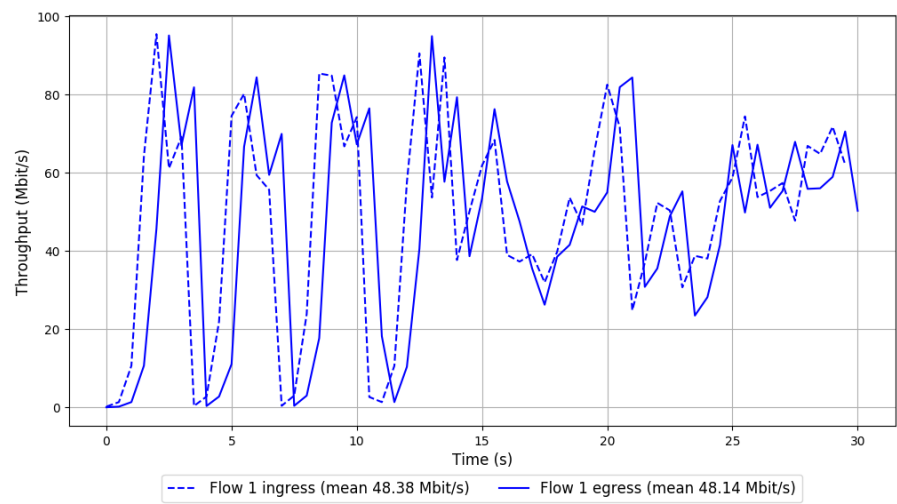
-- Flow 1:

Average throughput: 48.14 Mbit/s

95th percentile per-packet one-way delay: 96.215 ms

Loss rate: 1.09%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-08-22 13:33:00

End at: 2018-08-22 13:33:30

Local clock offset: -8.086 ms

Remote clock offset: 8.472 ms

# Below is generated by plot.py at 2018-08-22 14:37:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.09 Mbit/s

95th percentile per-packet one-way delay: 92.058 ms

Loss rate: 0.18%

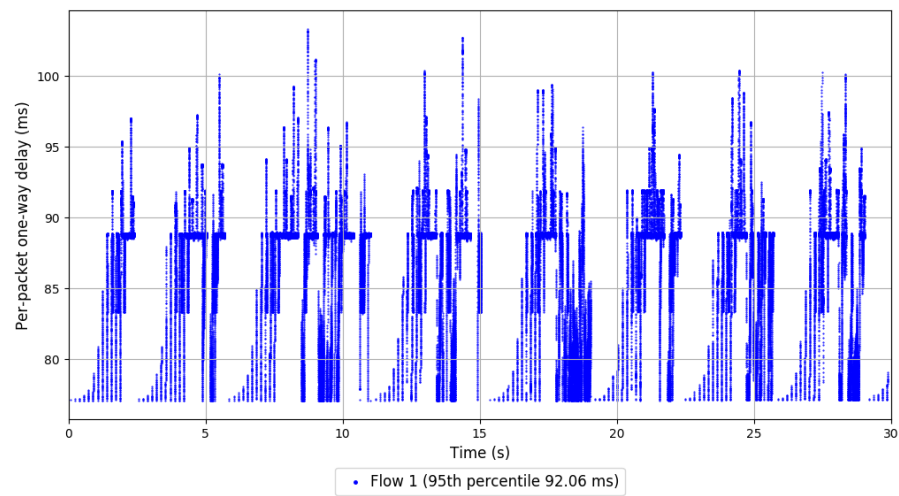
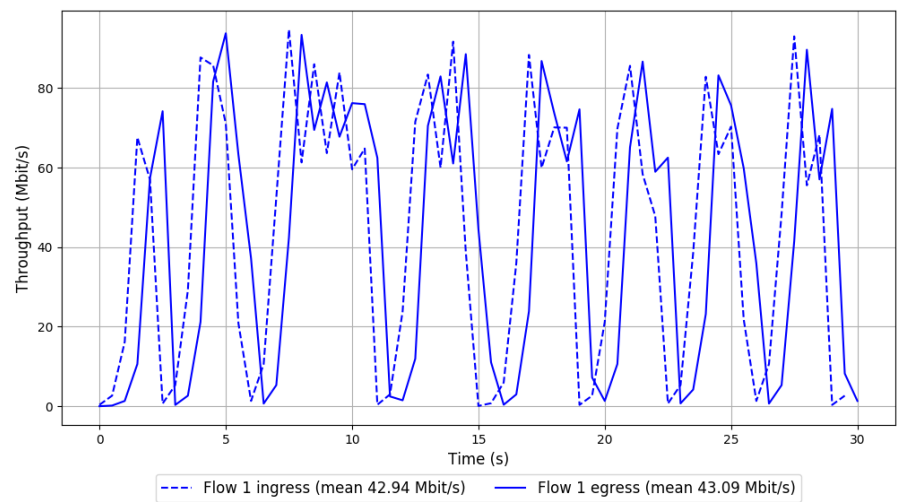
-- Flow 1:

Average throughput: 43.09 Mbit/s

95th percentile per-packet one-way delay: 92.058 ms

Loss rate: 0.18%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-08-22 13:52:47

End at: 2018-08-22 13:53:17

Local clock offset: -7.377 ms

Remote clock offset: 2.632 ms

# Below is generated by plot.py at 2018-08-22 14:37:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.79 Mbit/s

95th percentile per-packet one-way delay: 97.974 ms

Loss rate: 0.19%

-- Flow 1:

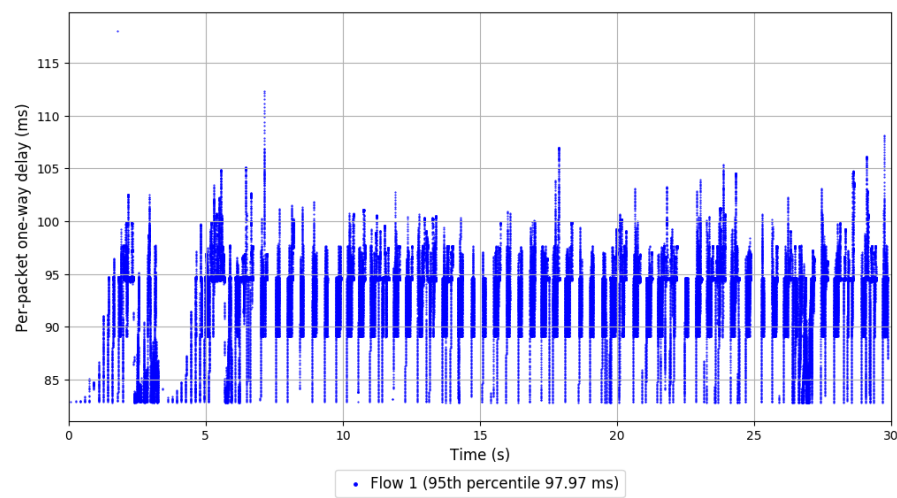
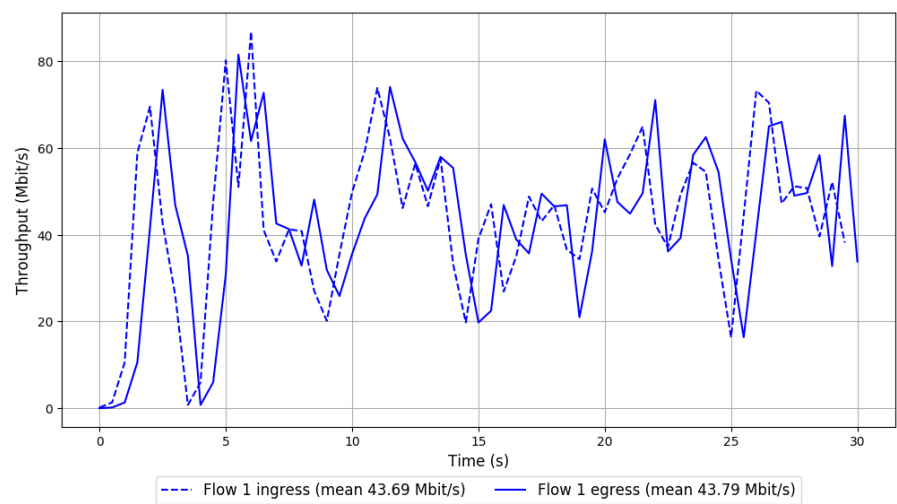
Average throughput: 43.79 Mbit/s

95th percentile per-packet one-way delay: 97.974 ms

Loss rate: 0.19%



Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-08-22 14:12:35

End at: 2018-08-22 14:13:05

Local clock offset: -4.734 ms

Remote clock offset: 1.554 ms

# Below is generated by plot.py at 2018-08-22 14:37:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 45.30 Mbit/s

95th percentile per-packet one-way delay: 98.557 ms

Loss rate: 0.81%

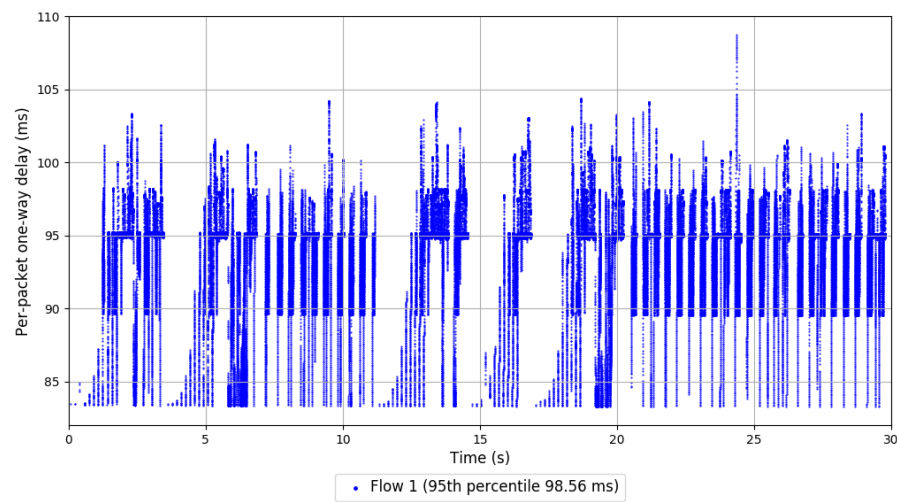
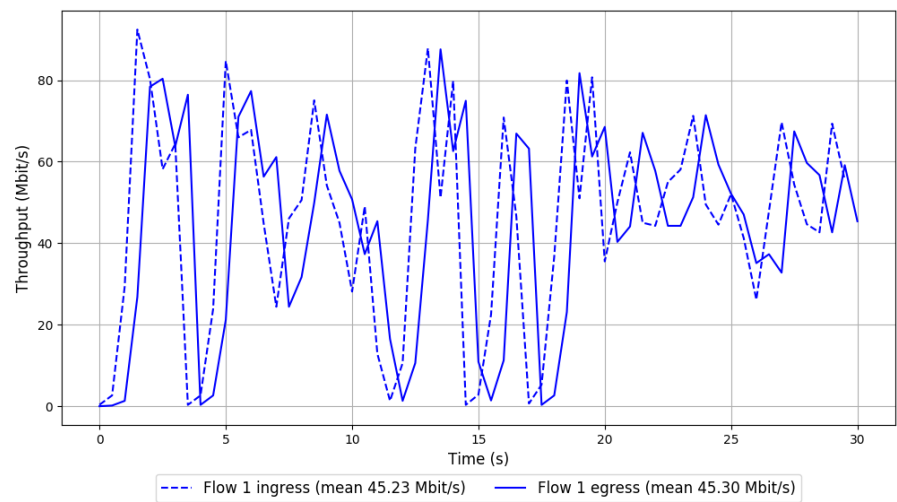
-- Flow 1:

Average throughput: 45.30 Mbit/s

95th percentile per-packet one-way delay: 98.557 ms

Loss rate: 0.81%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-08-22 11:01:02

End at: 2018-08-22 11:01:32

Local clock offset: -3.846 ms

Remote clock offset: 9.604 ms

# Below is generated by plot.py at 2018-08-22 14:37:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.71 Mbit/s

95th percentile per-packet one-way delay: 79.198 ms

Loss rate: 2.00%

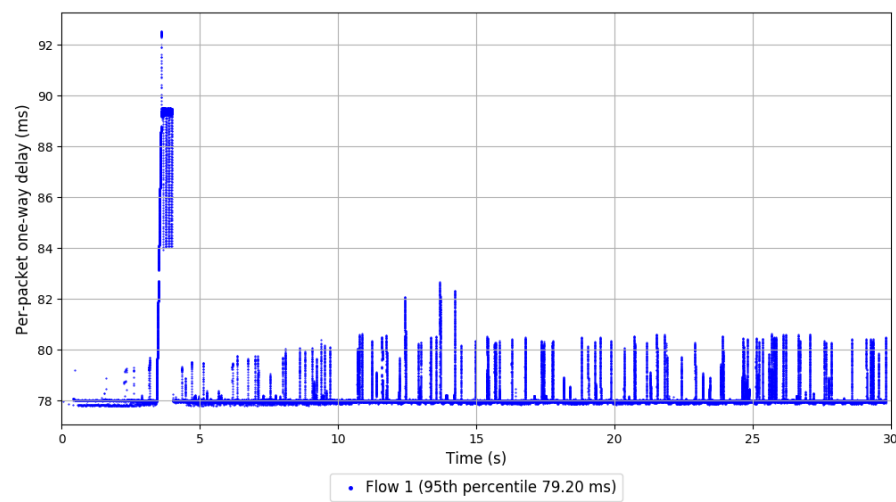
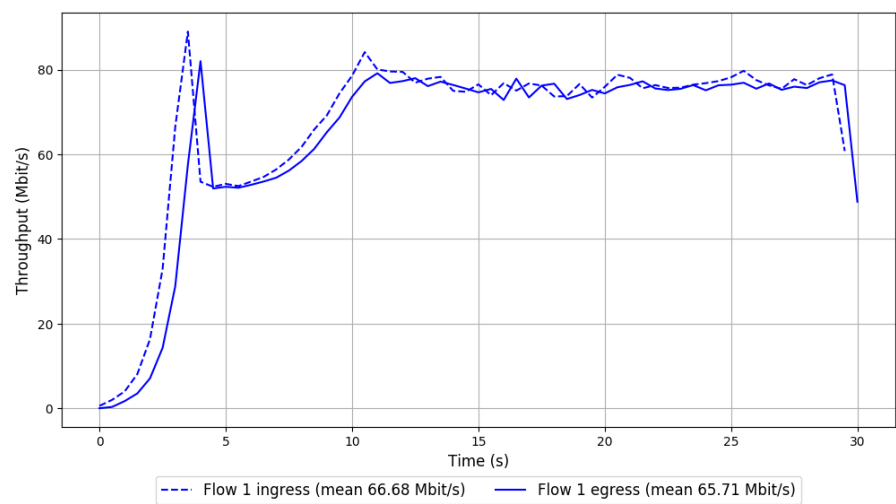
-- Flow 1:

Average throughput: 65.71 Mbit/s

95th percentile per-packet one-way delay: 79.198 ms

Loss rate: 2.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-08-22 11:20:51

End at: 2018-08-22 11:21:21

Local clock offset: -5.455 ms

Remote clock offset: 6.903 ms

# Below is generated by plot.py at 2018-08-22 14:37:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.10 Mbit/s

95th percentile per-packet one-way delay: 90.337 ms

Loss rate: 0.81%

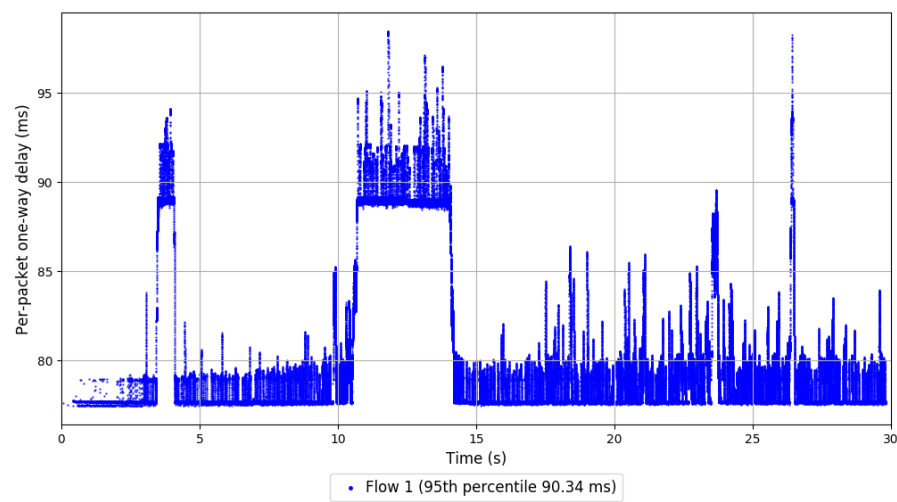
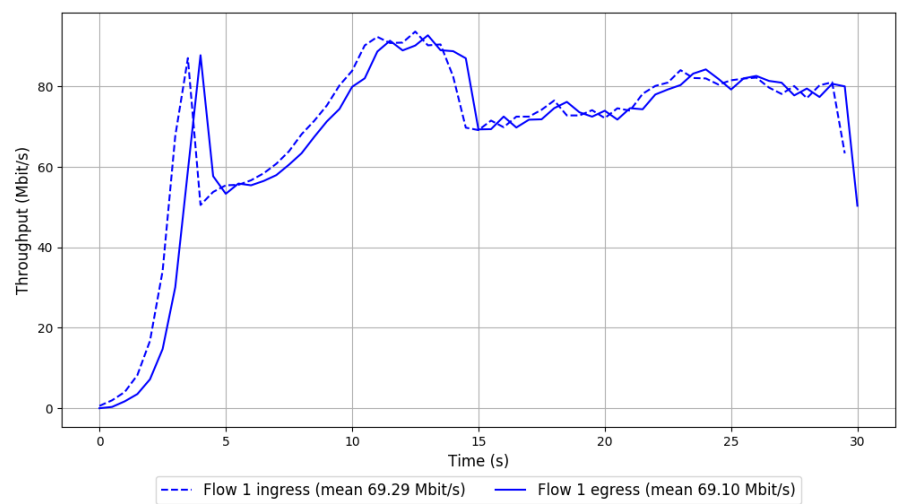
-- Flow 1:

Average throughput: 69.10 Mbit/s

95th percentile per-packet one-way delay: 90.337 ms

Loss rate: 0.81%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-08-22 11:40:38

End at: 2018-08-22 11:41:08

Local clock offset: -5.578 ms

Remote clock offset: 6.69 ms

# Below is generated by plot.py at 2018-08-22 14:37:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.77 Mbit/s

95th percentile per-packet one-way delay: 88.393 ms

Loss rate: 0.68%

-- Flow 1:

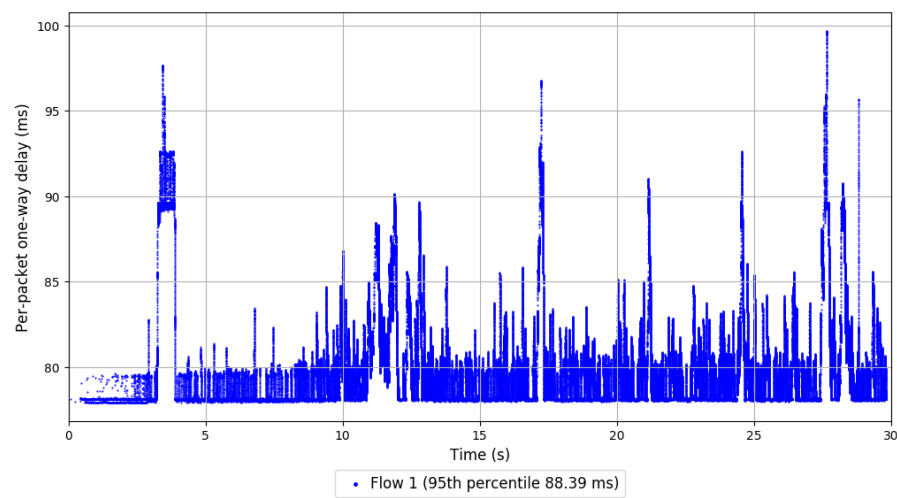
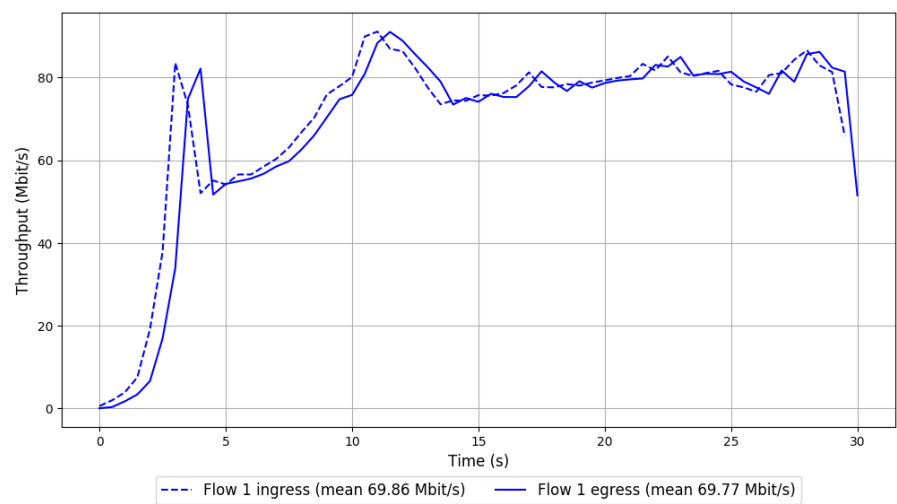
Average throughput: 69.77 Mbit/s

95th percentile per-packet one-way delay: 88.393 ms

Loss rate: 0.68%



Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-08-22 12:00:27

End at: 2018-08-22 12:00:57

Local clock offset: -4.815 ms

Remote clock offset: 7.904 ms

# Below is generated by plot.py at 2018-08-22 14:37:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 56.58 Mbit/s

95th percentile per-packet one-way delay: 92.195 ms

Loss rate: 6.52%

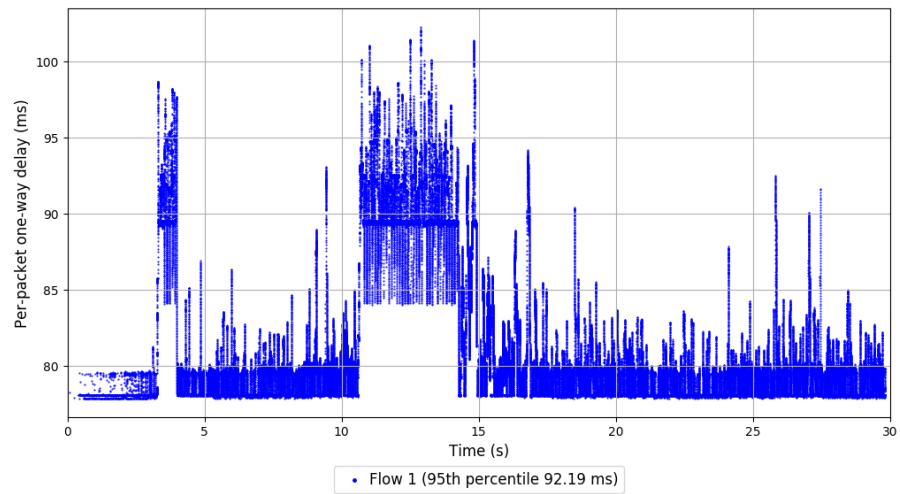
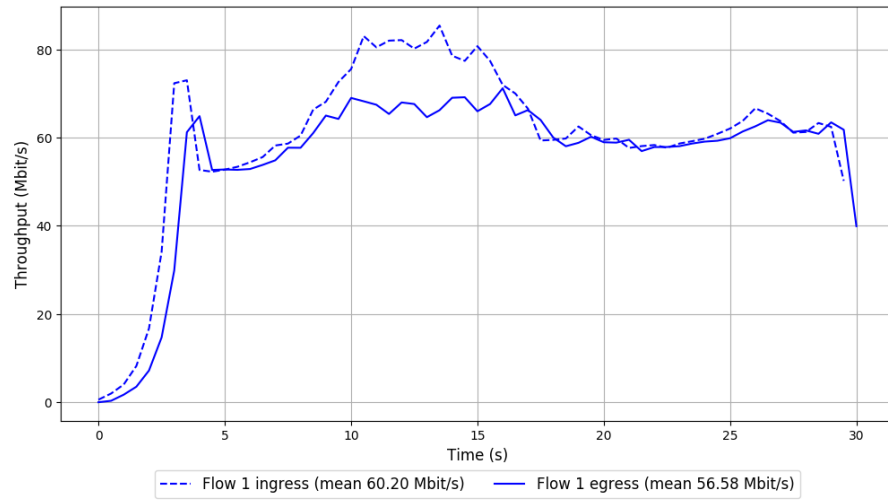
-- Flow 1:

Average throughput: 56.58 Mbit/s

95th percentile per-packet one-way delay: 92.195 ms

Loss rate: 6.52%

#### Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-08-22 12:20:35

End at: 2018-08-22 12:21:05

Local clock offset: -4.179 ms

Remote clock offset: 4.302 ms

# Below is generated by plot.py at 2018-08-22 14:38:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 65.66 Mbit/s

95th percentile per-packet one-way delay: 92.351 ms

Loss rate: 0.66%

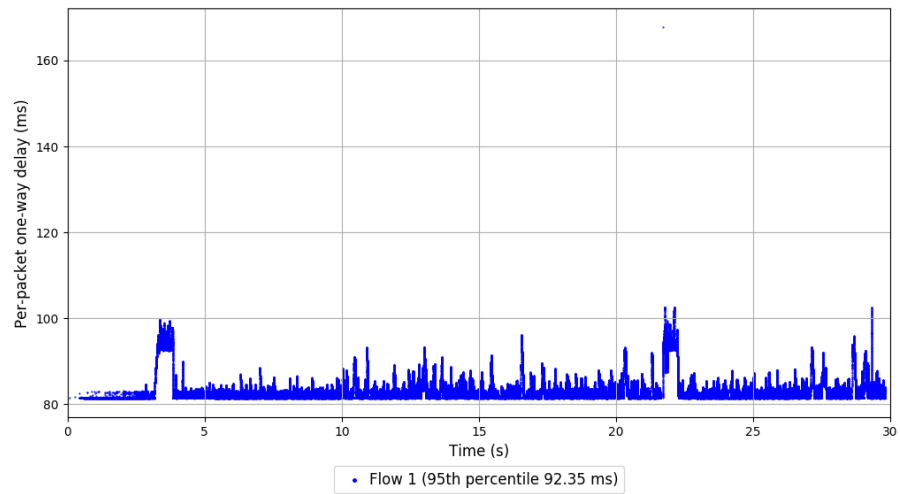
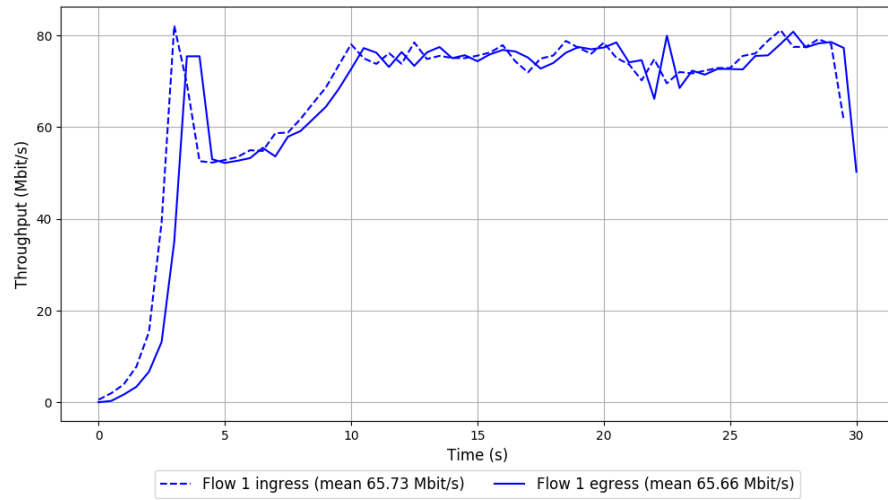
-- Flow 1:

Average throughput: 65.66 Mbit/s

95th percentile per-packet one-way delay: 92.351 ms

Loss rate: 0.66%

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



Run 6: Statistics of PCC-Vivace

Start at: 2018-08-22 12:40:23

End at: 2018-08-22 12:40:53

Local clock offset: -3.82 ms

Remote clock offset: 4.298 ms

# Below is generated by plot.py at 2018-08-22 14:38:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.46 Mbit/s

95th percentile per-packet one-way delay: 94.917 ms

Loss rate: 0.65%

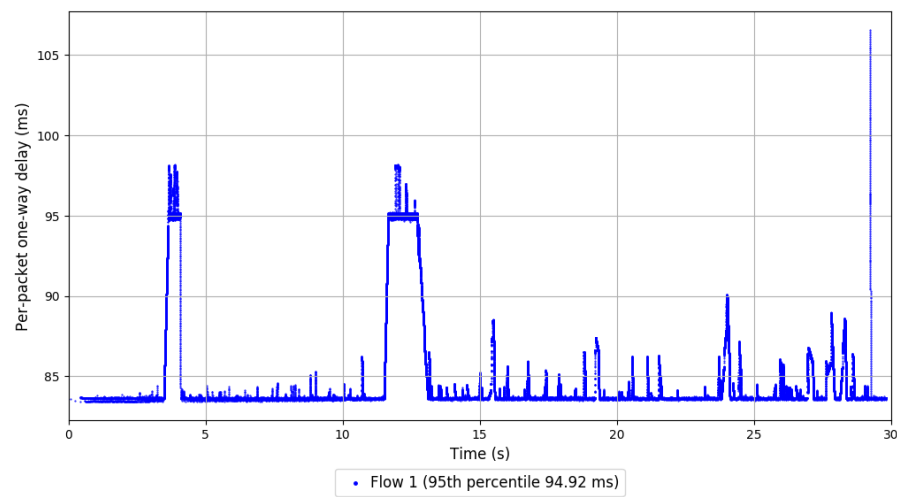
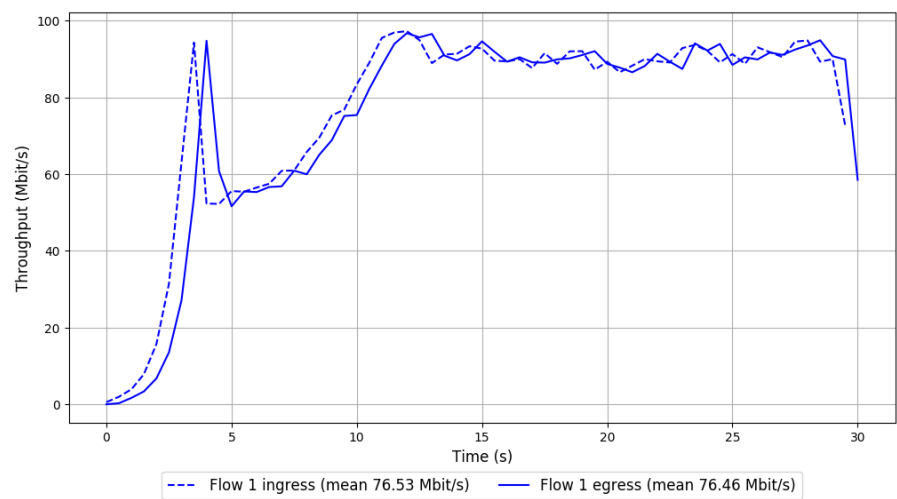
-- Flow 1:

Average throughput: 76.46 Mbit/s

95th percentile per-packet one-way delay: 94.917 ms

Loss rate: 0.65%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-08-22 13:00:21

End at: 2018-08-22 13:00:51

Local clock offset: -3.779 ms

Remote clock offset: 5.824 ms

# Below is generated by plot.py at 2018-08-22 14:38:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 92.817 ms

Loss rate: 4.96%

-- Flow 1:

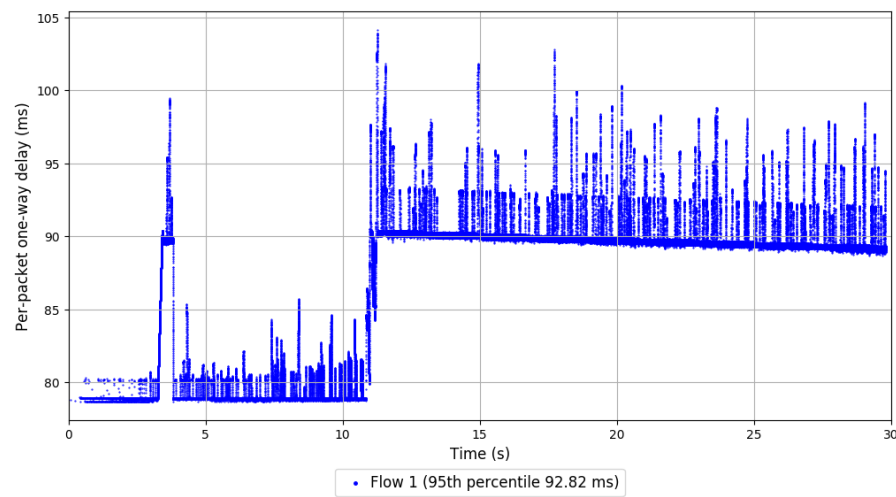
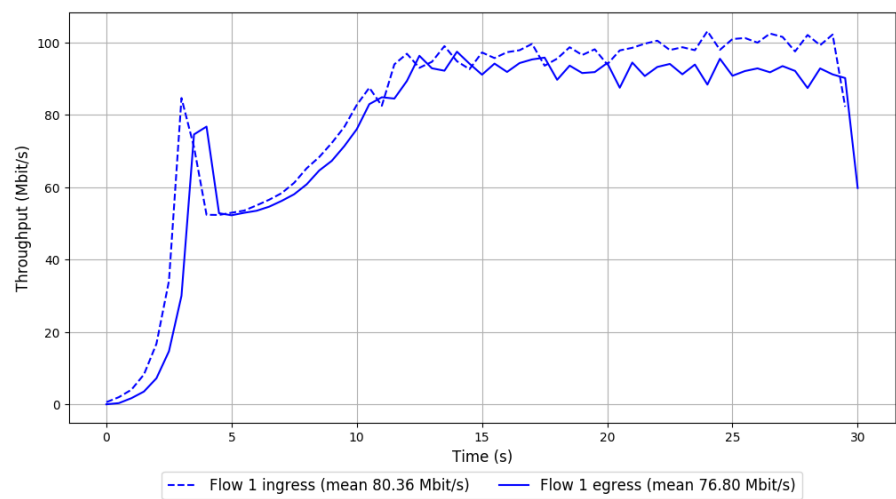
Average throughput: 76.80 Mbit/s

95th percentile per-packet one-way delay: 92.817 ms

Loss rate: 4.96%



Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-08-22 13:20:10

End at: 2018-08-22 13:20:40

Local clock offset: -7.062 ms

Remote clock offset: 7.645 ms

# Below is generated by plot.py at 2018-08-22 14:38:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.23 Mbit/s

95th percentile per-packet one-way delay: 86.627 ms

Loss rate: 0.67%

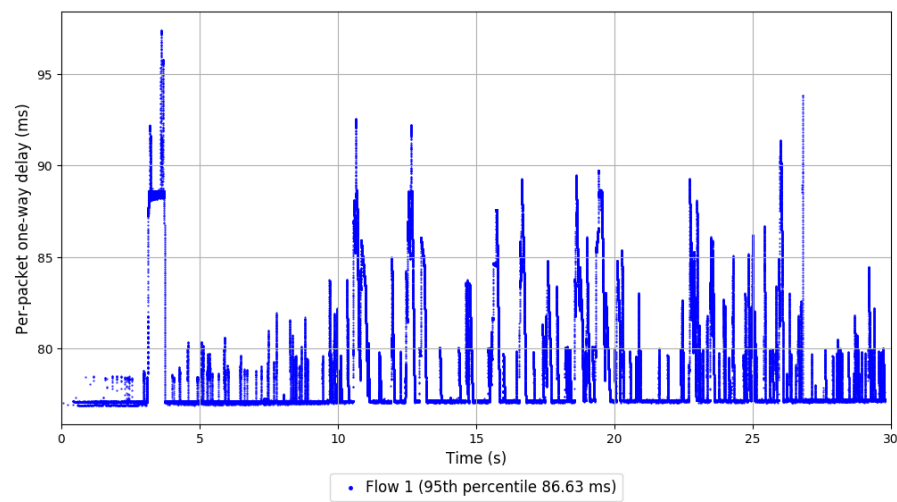
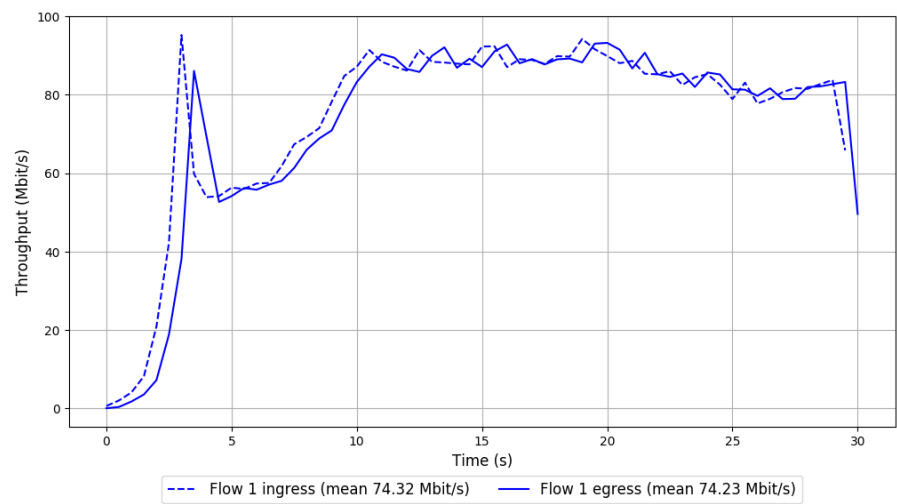
-- Flow 1:

Average throughput: 74.23 Mbit/s

95th percentile per-packet one-way delay: 86.627 ms

Loss rate: 0.67%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-08-22 13:39:58

End at: 2018-08-22 13:40:28

Local clock offset: -8.727 ms

Remote clock offset: 3.728 ms

# Below is generated by plot.py at 2018-08-22 14:38:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.14 Mbit/s

95th percentile per-packet one-way delay: 92.446 ms

Loss rate: 0.88%

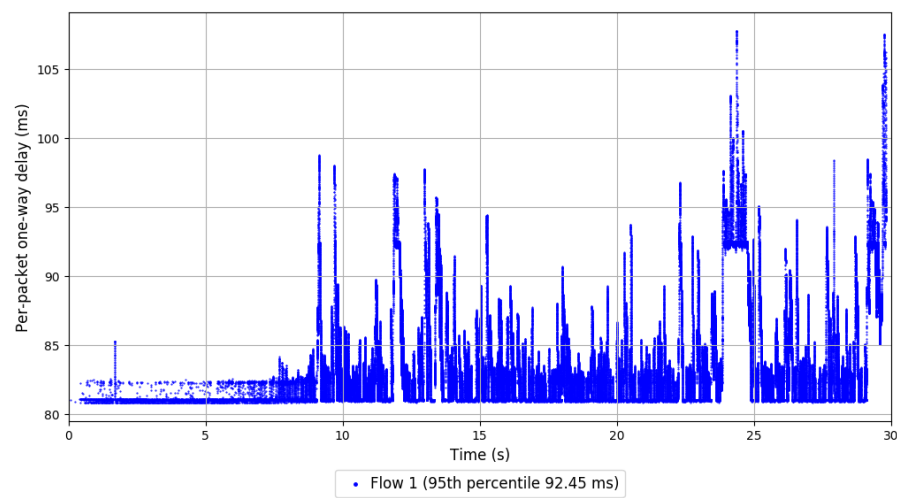
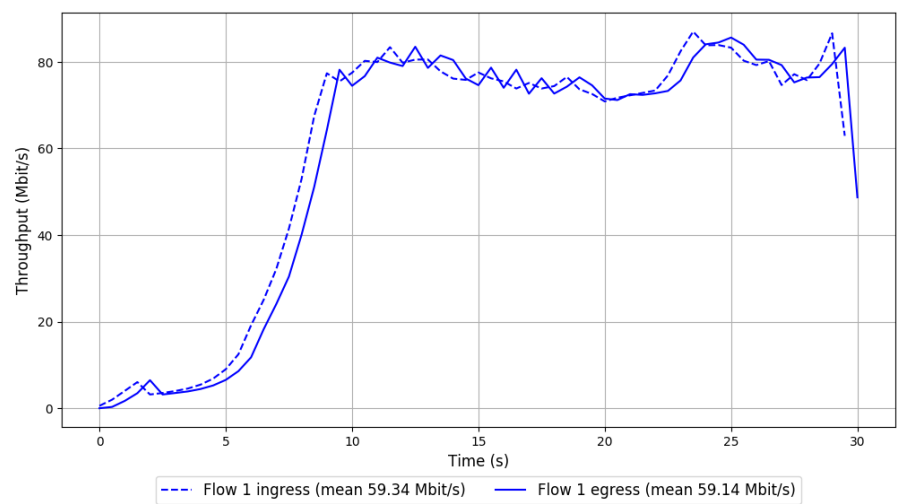
-- Flow 1:

Average throughput: 59.14 Mbit/s

95th percentile per-packet one-way delay: 92.446 ms

Loss rate: 0.88%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-22 13:59:45

End at: 2018-08-22 14:00:15

Local clock offset: -8.109 ms

Remote clock offset: 2.047 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.23 Mbit/s

95th percentile per-packet one-way delay: 95.745 ms

Loss rate: 0.89%

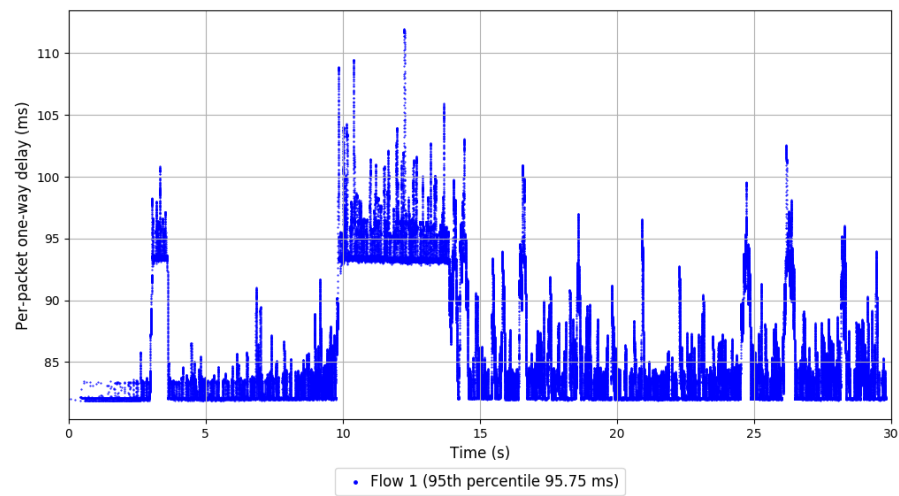
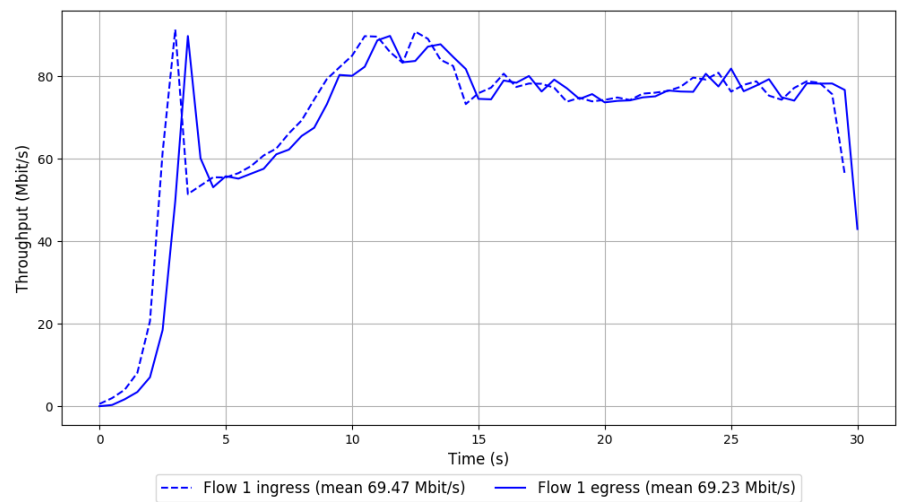
-- Flow 1:

Average throughput: 69.23 Mbit/s

95th percentile per-packet one-way delay: 95.745 ms

Loss rate: 0.89%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-08-22 11:05:44

End at: 2018-08-22 11:06:14

Local clock offset: -3.682 ms

Remote clock offset: 4.044 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 86.204 ms

Loss rate: 0.27%

-- Flow 1:

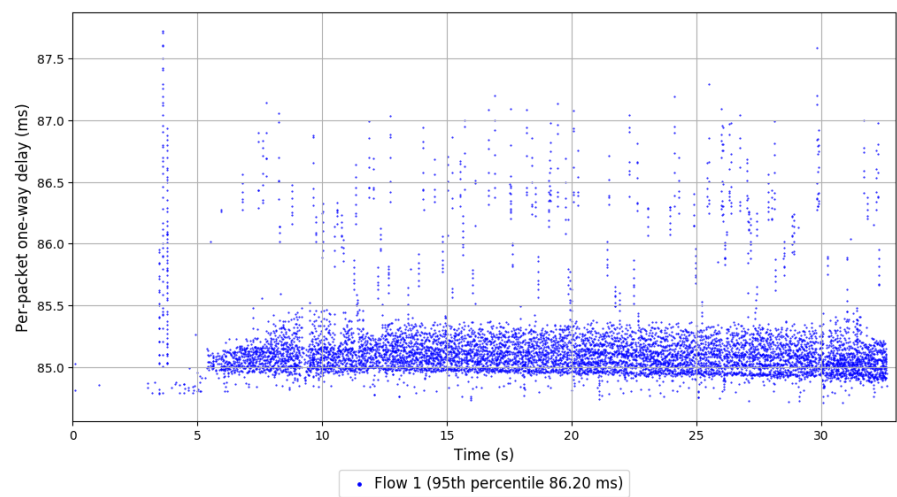
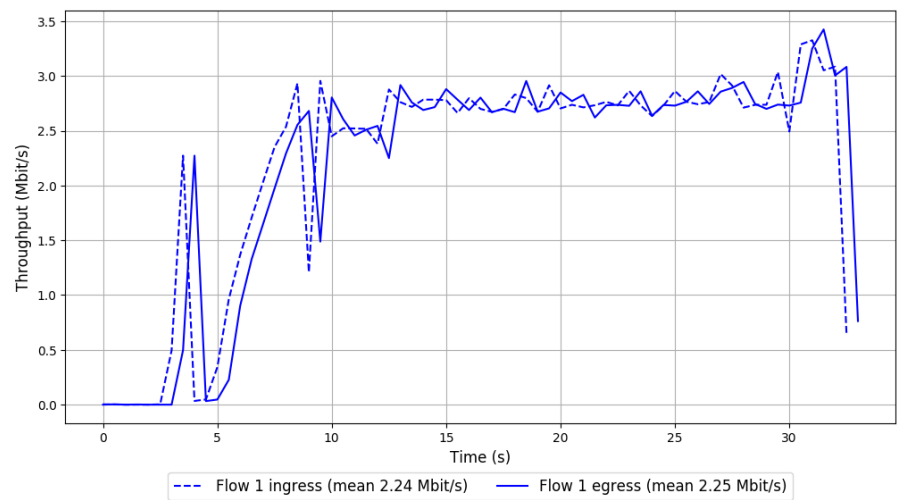
Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 86.204 ms

Loss rate: 0.27%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-08-22 11:25:33

End at: 2018-08-22 11:26:03

Local clock offset: -5.484 ms

Remote clock offset: 7.808 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 80.640 ms

Loss rate: 0.34%

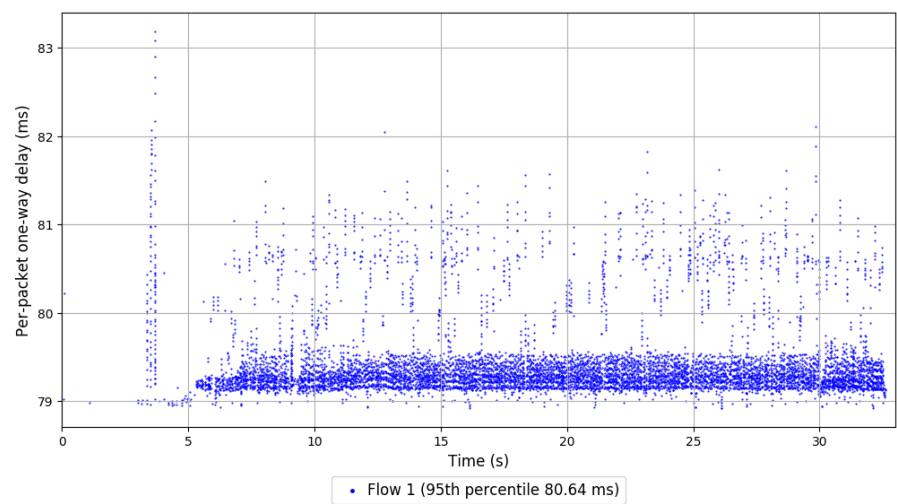
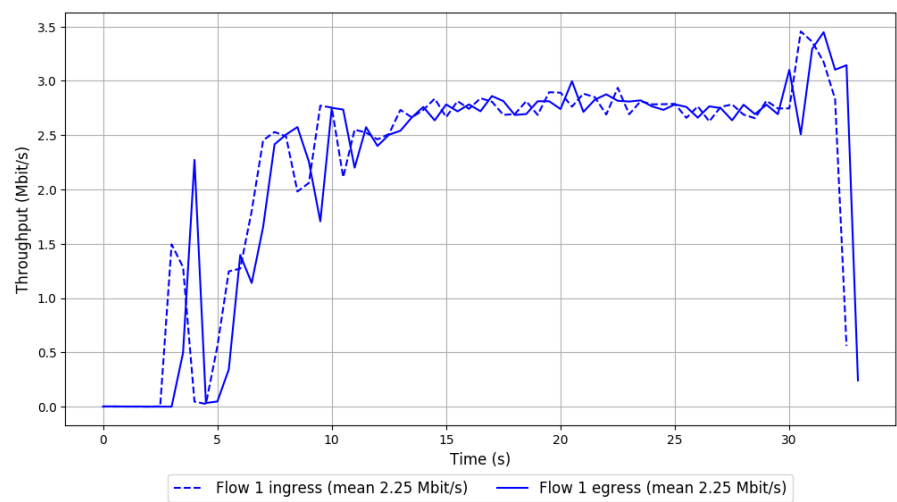
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 80.640 ms

Loss rate: 0.34%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-08-22 11:45:20

End at: 2018-08-22 11:45:50

Local clock offset: -4.056 ms

Remote clock offset: 7.786 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 80.032 ms

Loss rate: 0.28%

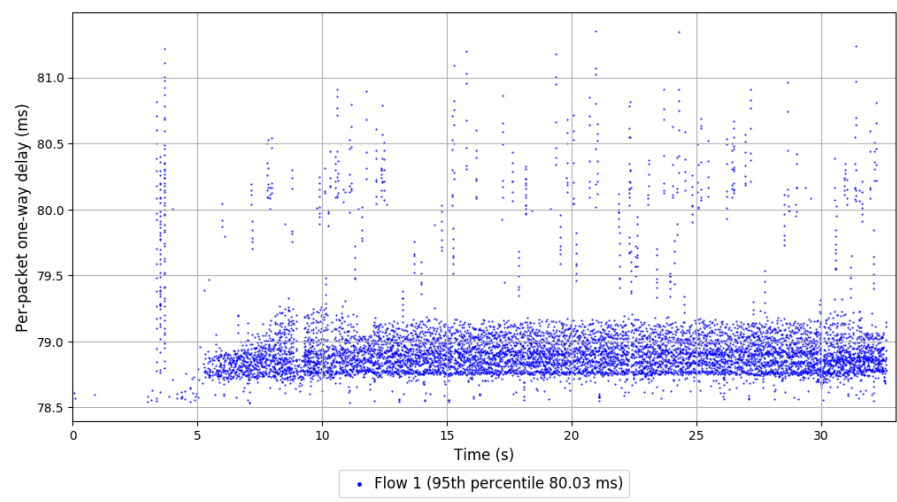
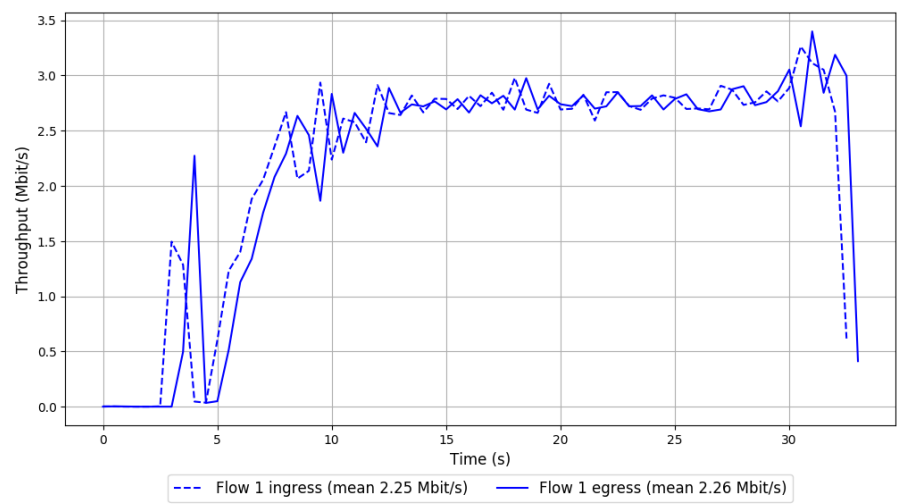
-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 80.032 ms

Loss rate: 0.28%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-08-22 12:05:09

End at: 2018-08-22 12:05:39

Local clock offset: -4.032 ms

Remote clock offset: 7.926 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 82.470 ms

Loss rate: 0.30%

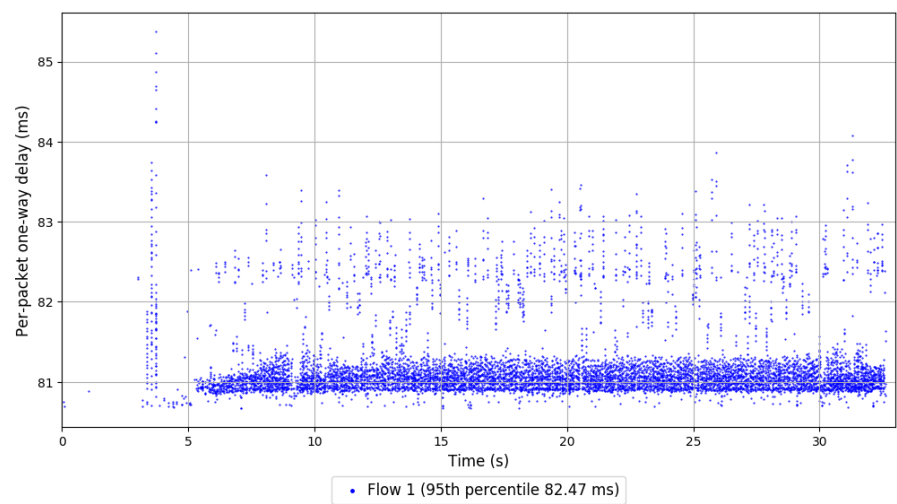
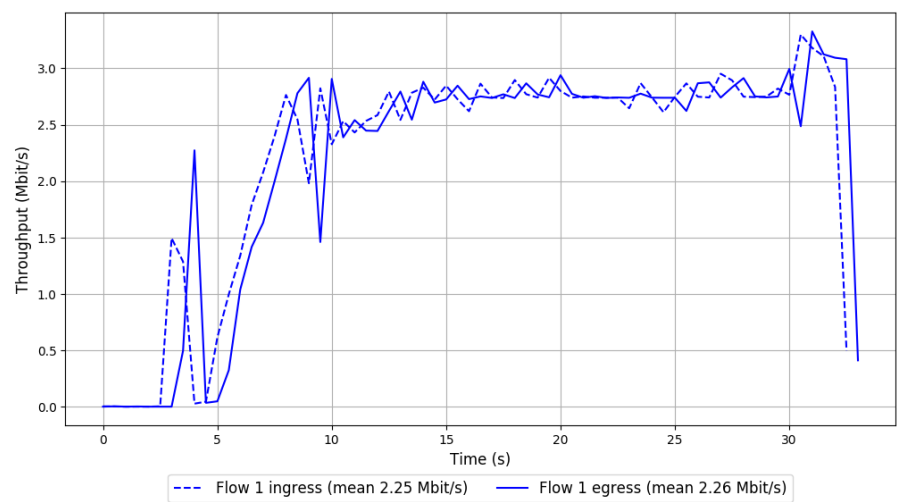
-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 82.470 ms

Loss rate: 0.30%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-08-22 12:25:17

End at: 2018-08-22 12:25:47

Local clock offset: -4.818 ms

Remote clock offset: 9.168 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 78.622 ms

Loss rate: 0.43%

-- Flow 1:

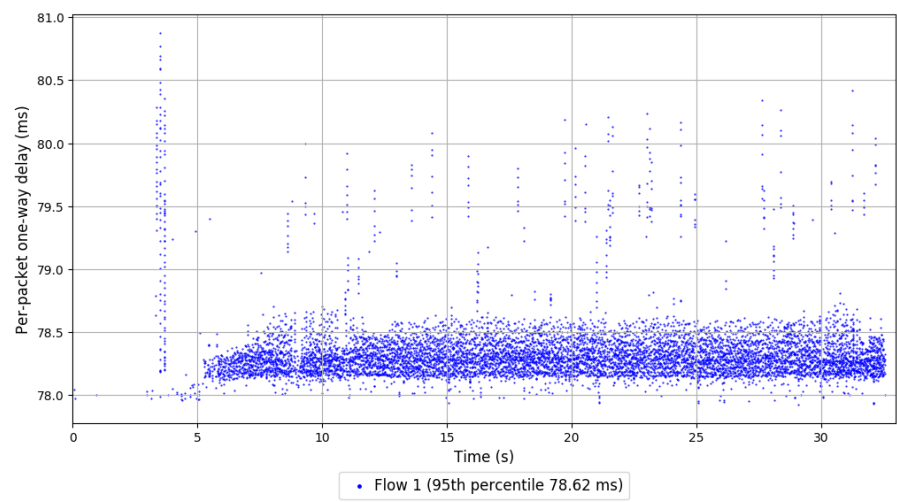
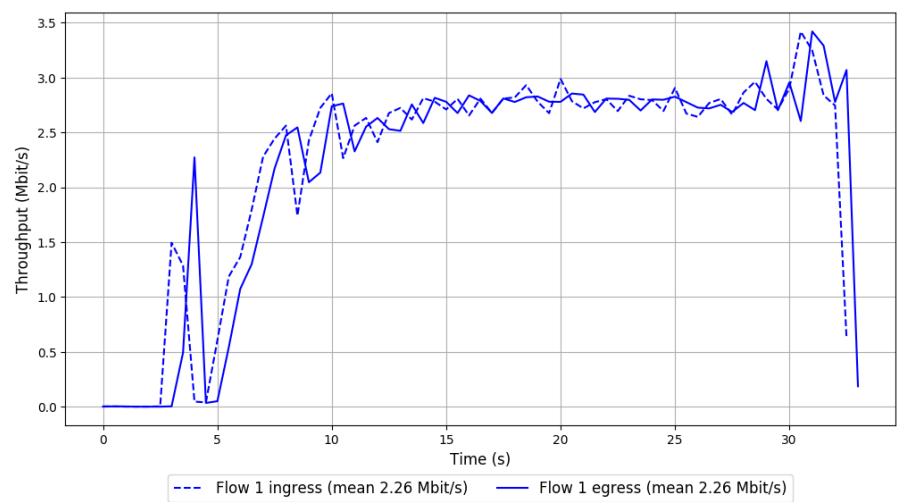
Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 78.622 ms

Loss rate: 0.43%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-08-22 12:45:06

End at: 2018-08-22 12:45:36

Local clock offset: -3.824 ms

Remote clock offset: 3.033 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 85.691 ms

Loss rate: 0.32%

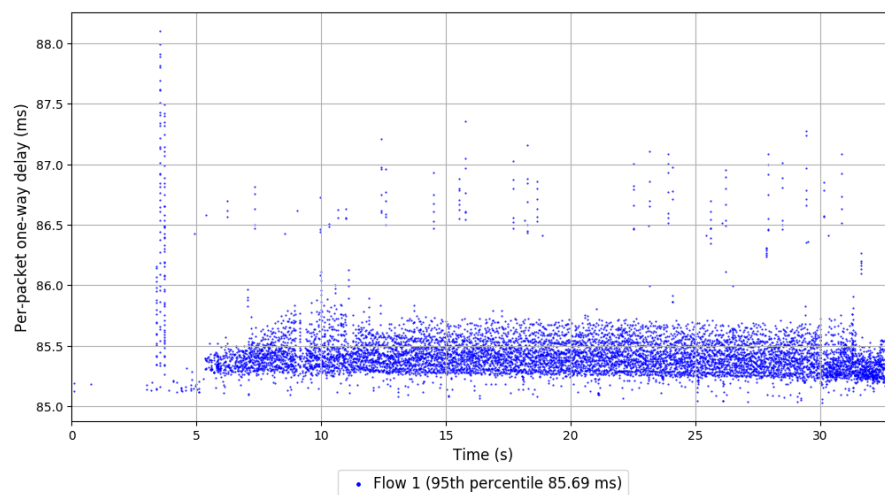
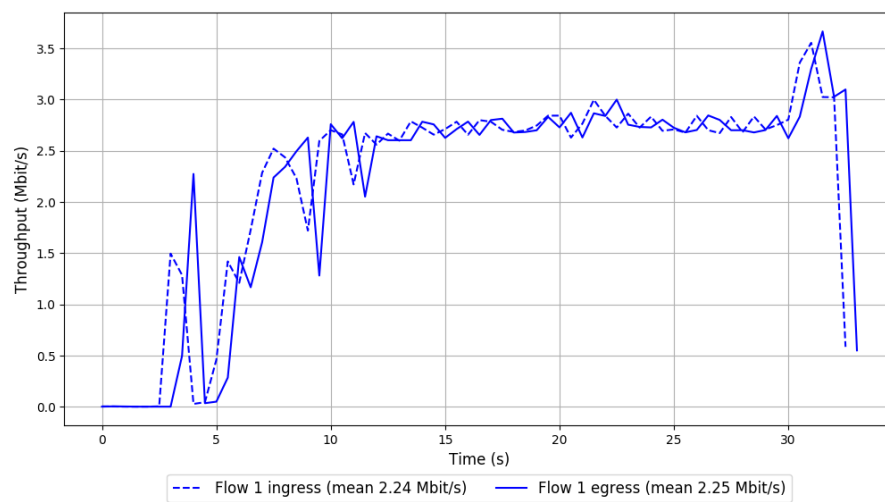
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 85.691 ms

Loss rate: 0.32%

## Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-08-22 13:05:04

End at: 2018-08-22 13:05:34

Local clock offset: -4.396 ms

Remote clock offset: 1.785 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 84.561 ms

Loss rate: 0.27%

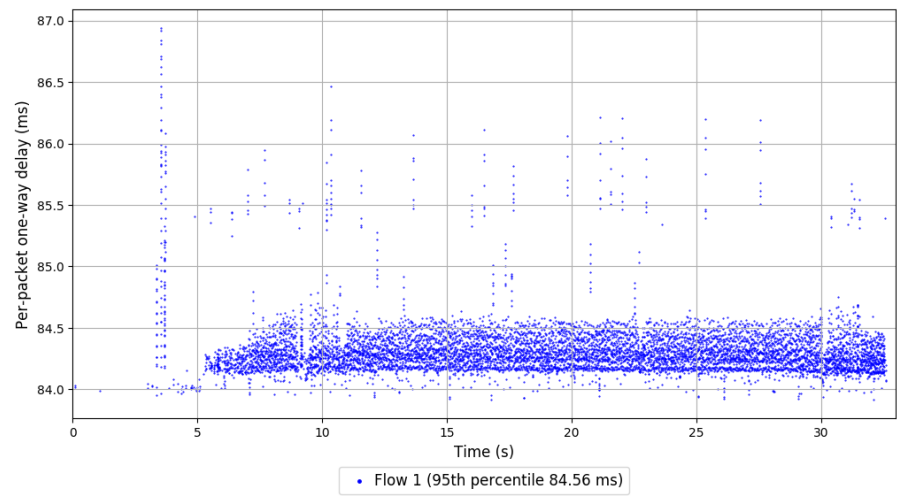
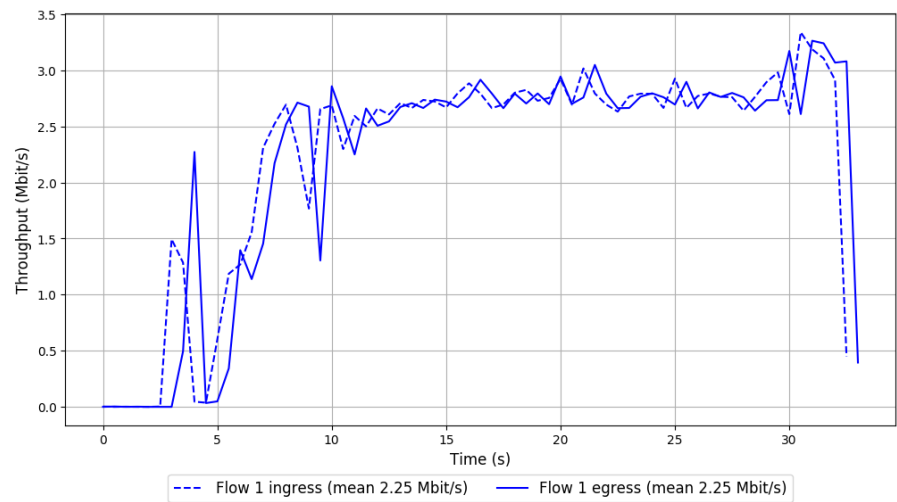
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 84.561 ms

Loss rate: 0.27%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-08-22 13:24:52

End at: 2018-08-22 13:25:22

Local clock offset: -7.552 ms

Remote clock offset: 3.189 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 82.308 ms

Loss rate: 0.29%

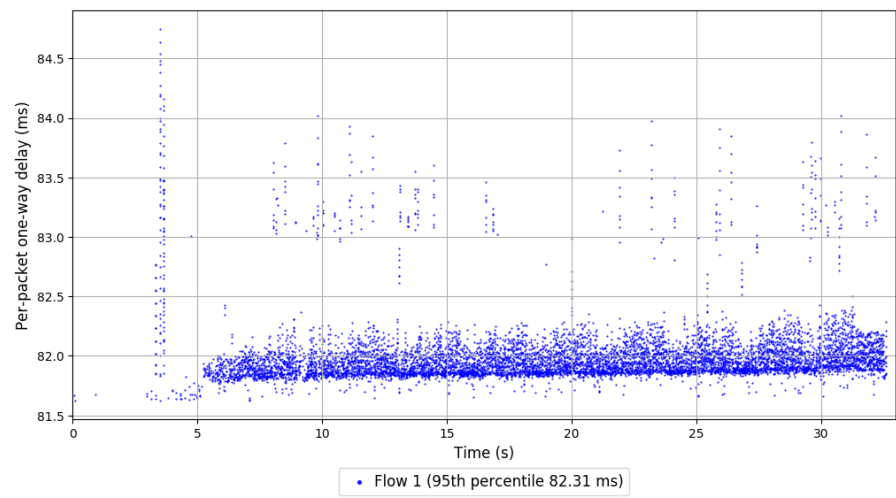
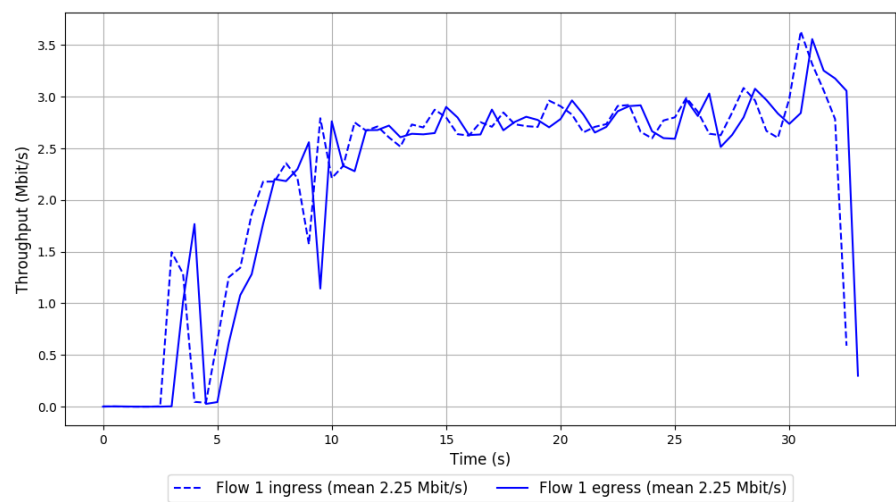
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 82.308 ms

Loss rate: 0.29%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-08-22 13:44:39

End at: 2018-08-22 13:45:09

Local clock offset: -7.603 ms

Remote clock offset: 7.538 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 81.246 ms

Loss rate: 0.26%

-- Flow 1:

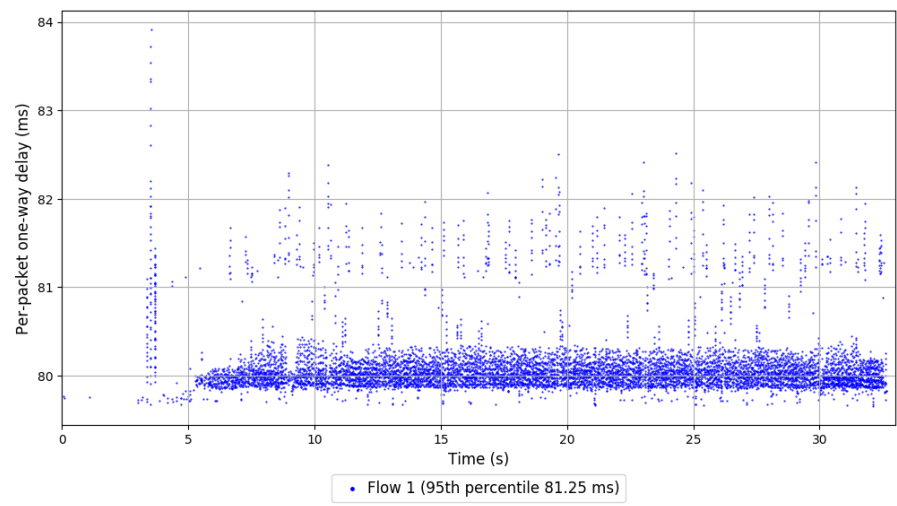
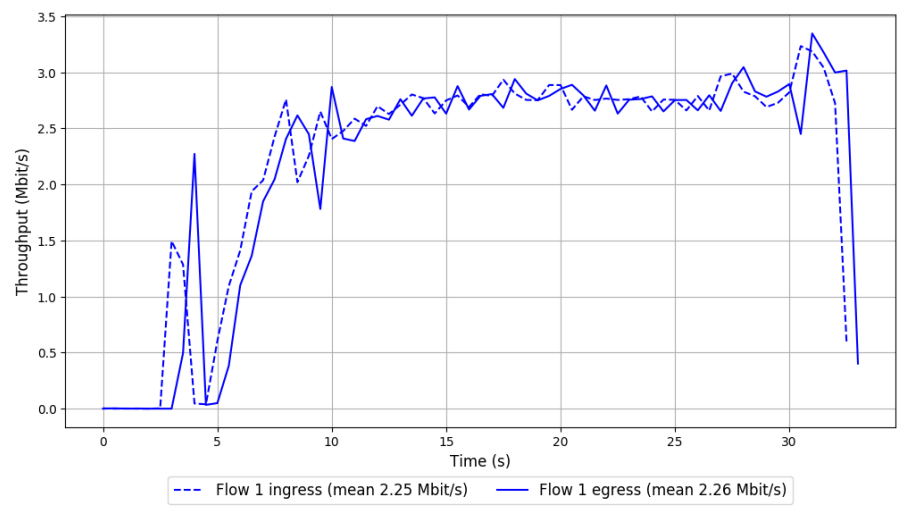
Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 81.246 ms

Loss rate: 0.26%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-22 14:04:27

End at: 2018-08-22 14:04:57

Local clock offset: -8.171 ms

Remote clock offset: 2.876 ms

# Below is generated by plot.py at 2018-08-22 14:38:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 84.397 ms

Loss rate: 0.31%

-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 84.397 ms

Loss rate: 0.31%

Run 10: Report of WebRTC media — Data Link

