

## Pantheon Report

Generated at 2018-08-22 17:29:30 (UTC).

Data path: Stanford Ethernet (*remote*) → AWS California 1 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 `time.stanford.edu` and have been applied to correct the timestamps in logs.

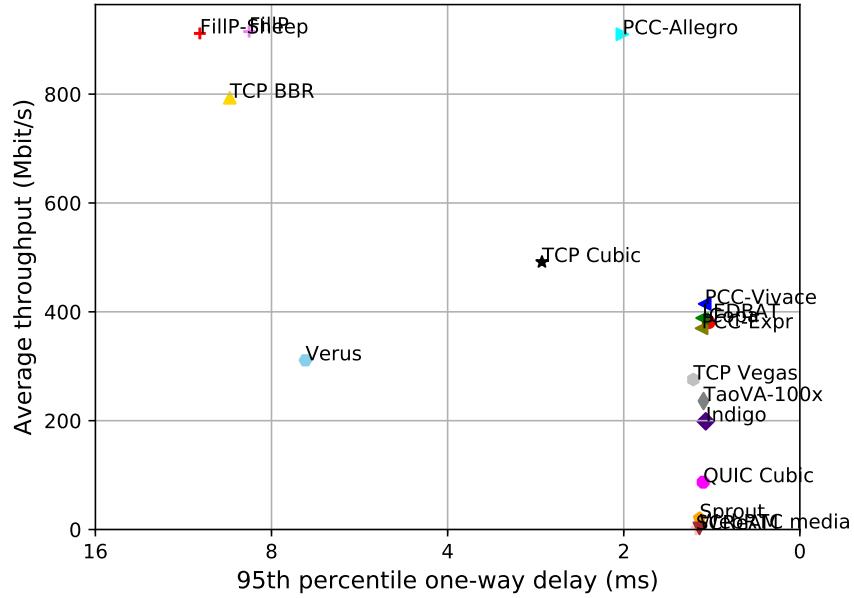
### System info:

```
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
```

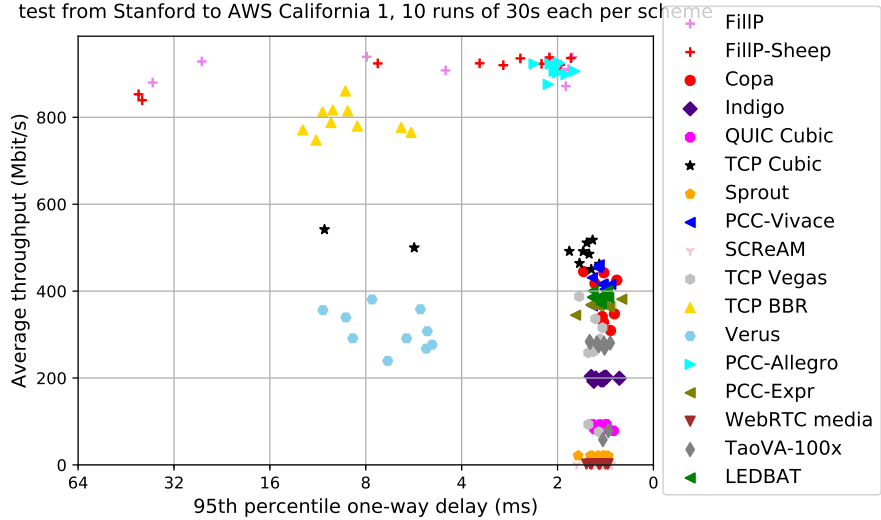
### Git summary:

```
branch: master @ 7719b900495aa706f8452ab7d4a94dd562e9296e
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-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 Stanford to AWS California 1, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Stanford to AWS California 1, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s)	mean 95th-%ile delay (ms)	mean loss rate (%)
		flow 1	flow 1	flow 1
TCP BBR	10	793.28	9.43	0.08
Copa	10	380.85	1.04	0.06
TCP Cubic	10	491.50	2.76	0.06
FillP	10	914.84	8.74	0.31
FillP-Sheep	10	911.52	10.61	1.38
Indigo	10	198.80	1.07	0.07
LEDBAT	10	388.58	1.11	0.07
PCC-Allegro	10	910.00	2.01	0.07
PCC-Expr	10	369.76	1.12	0.07
QUIC Cubic	10	86.99	1.10	0.07
SReAM	10	0.22	1.18	0.08
Sprout	10	20.82	1.14	0.08
TaoVA-100x	10	236.06	1.09	0.05
TCP Vegas	10	275.57	1.21	0.05
Verus	10	310.90	7.00	0.07
PCC-Vivace	10	414.56	1.08	0.07
WebRTC media	10	2.02	1.14	0.05

Run 1: Statistics of TCP BBR

Start at: 2018-08-22 11:18:16

End at: 2018-08-22 11:18:46

Local clock offset: 0.787 ms

Remote clock offset: -3.371 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 860.56 Mbit/s

95th percentile per-packet one-way delay: 9.268 ms

Loss rate: 0.08%

-- Flow 1:

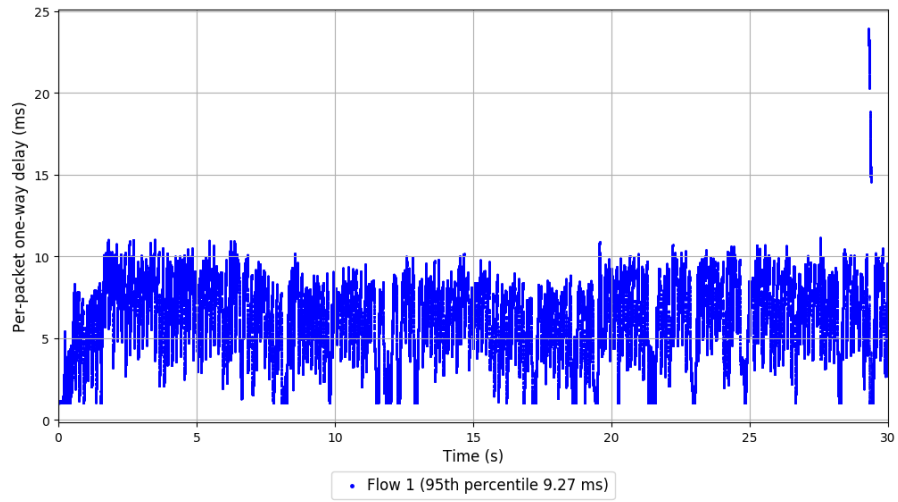
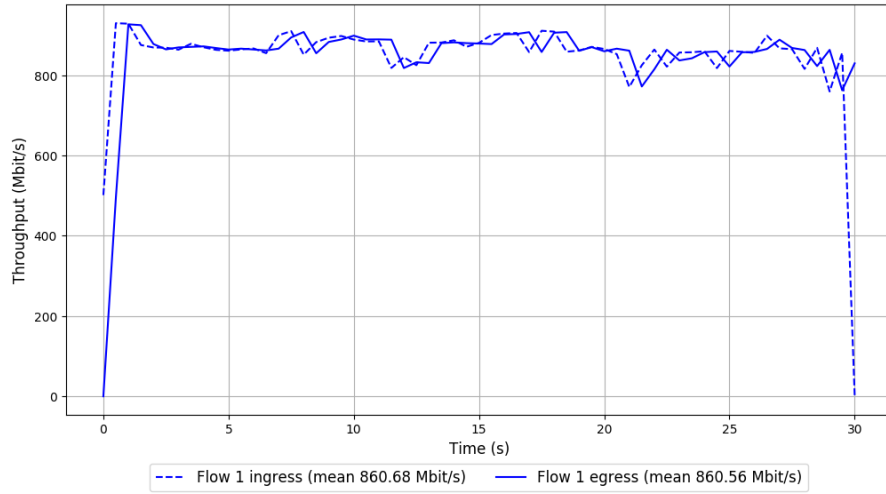
Average throughput: 860.56 Mbit/s

95th percentile per-packet one-way delay: 9.268 ms

Loss rate: 0.08%



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



Run 2: Statistics of TCP BBR

Start at: 2018-08-22 11:44:07

End at: 2018-08-22 11:44:37

Local clock offset: 0.644 ms

Remote clock offset: 3.353 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 788.08 Mbit/s

95th percentile per-packet one-way delay: 10.290 ms

Loss rate: 0.08%

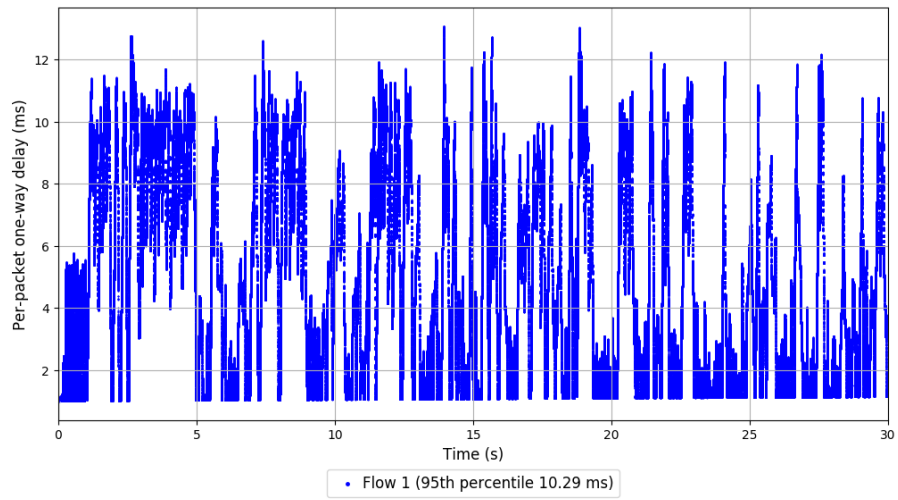
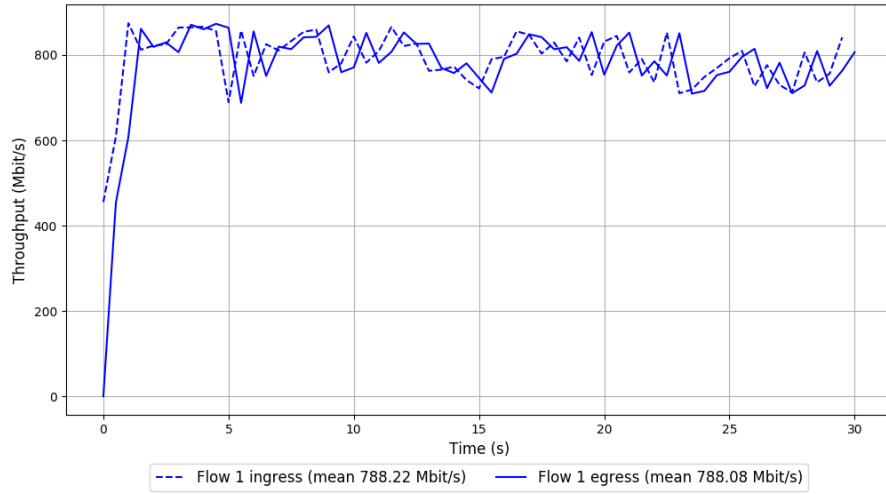
-- Flow 1:

Average throughput: 788.08 Mbit/s

95th percentile per-packet one-way delay: 10.290 ms

Loss rate: 0.08%

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



Run 3: Statistics of TCP BBR

Start at: 2018-08-22 12:09:47

End at: 2018-08-22 12:10:17

Local clock offset: 0.658 ms

Remote clock offset: 3.664 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 814.68 Mbit/s

95th percentile per-packet one-way delay: 9.116 ms

Loss rate: 0.09%

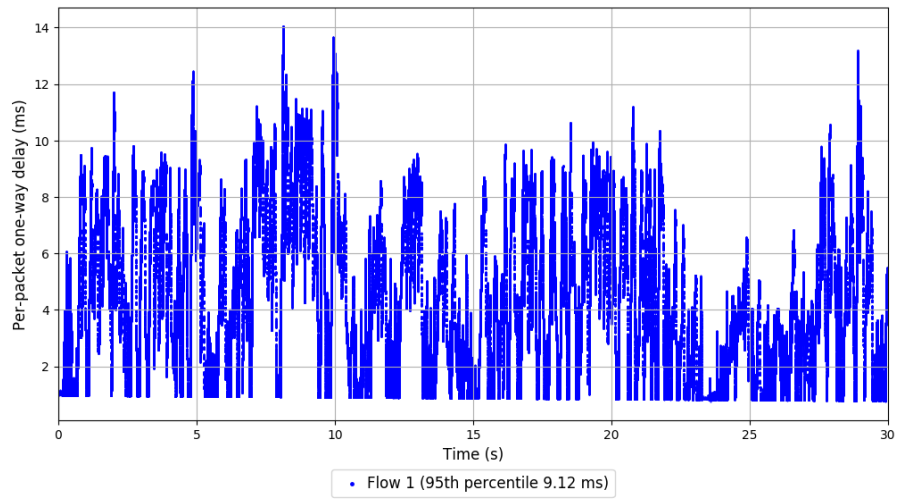
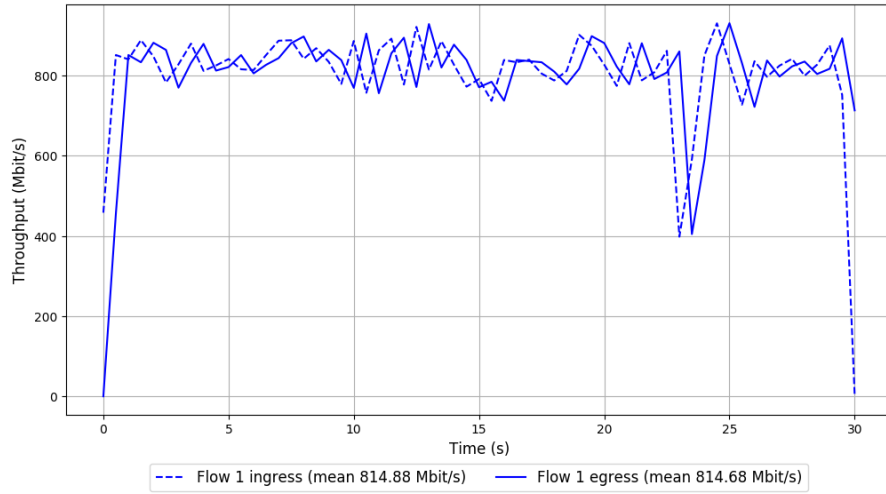
-- Flow 1:

Average throughput: 814.68 Mbit/s

95th percentile per-packet one-way delay: 9.116 ms

Loss rate: 0.09%

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



Run 4: Statistics of TCP BBR

Start at: 2018-08-22 12:35:32

End at: 2018-08-22 12:36:02

Local clock offset: 0.521 ms

Remote clock offset: 0.494 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 816.87 Mbit/s

95th percentile per-packet one-way delay: 10.148 ms

Loss rate: 0.08%

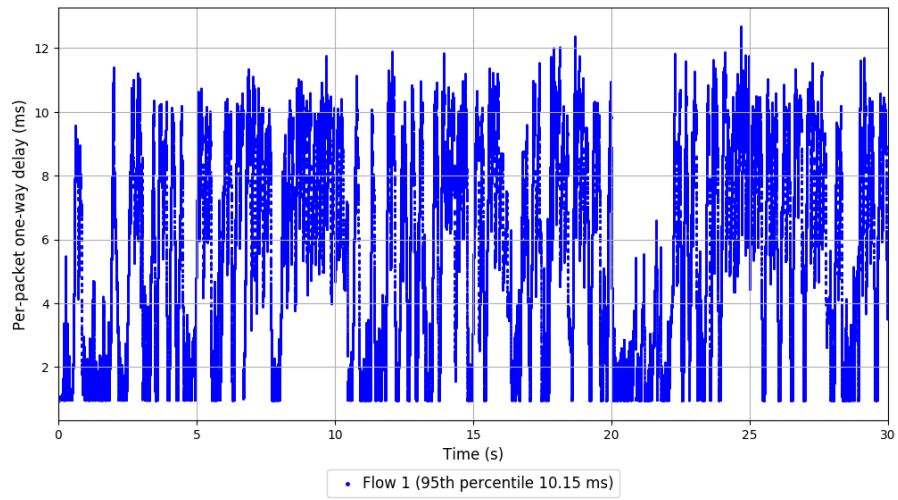
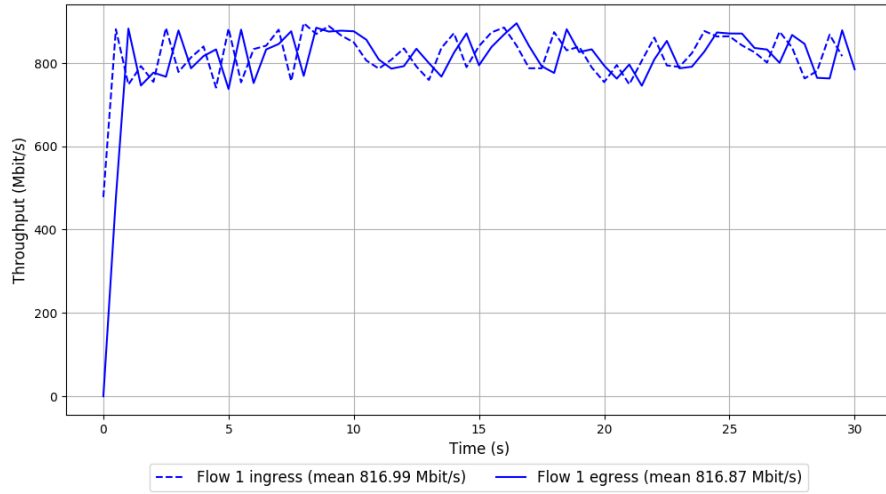
-- Flow 1:

Average throughput: 816.87 Mbit/s

95th percentile per-packet one-way delay: 10.148 ms

Loss rate: 0.08%

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



Run 5: Statistics of TCP BBR

Start at: 2018-08-22 13:01:41

End at: 2018-08-22 13:02:11

Local clock offset: -3.144 ms

Remote clock offset: 3.517 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 812.11 Mbit/s

95th percentile per-packet one-way delay: 10.934 ms

Loss rate: 0.07%

-- Flow 1:

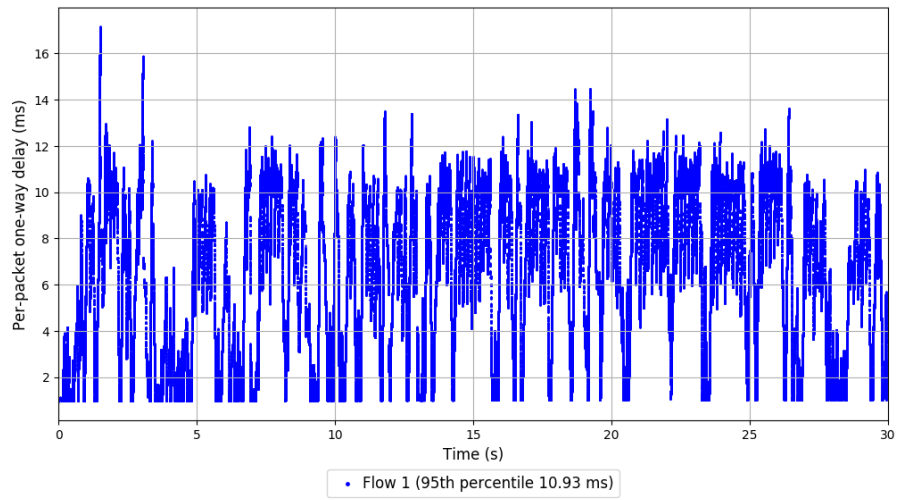
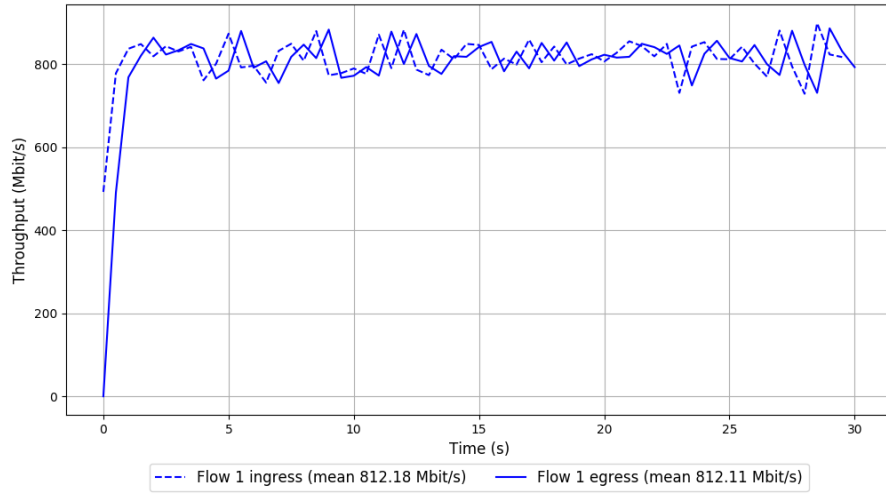
Average throughput: 812.11 Mbit/s

95th percentile per-packet one-way delay: 10.934 ms

Loss rate: 0.07%



Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-08-22 13:27:24

End at: 2018-08-22 13:27:54

Local clock offset: 0.202 ms

Remote clock offset: 0.353 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 779.85 Mbit/s

95th percentile per-packet one-way delay: 8.502 ms

Loss rate: 0.08%

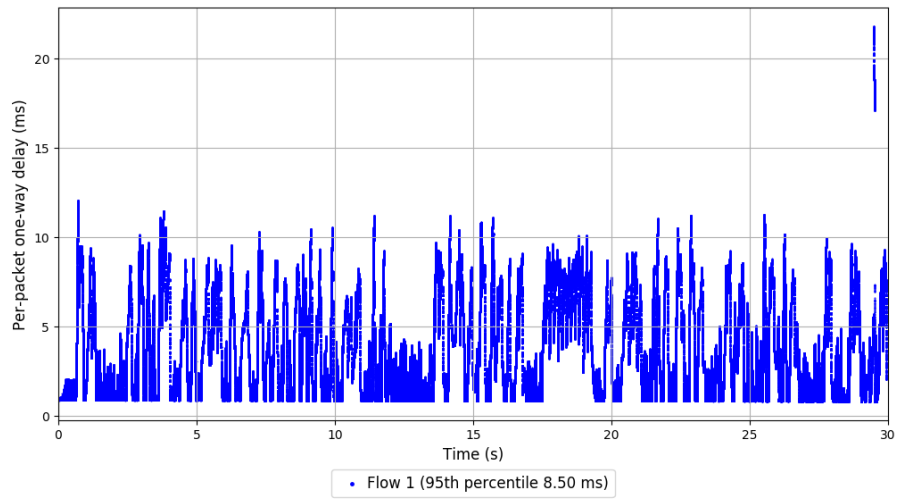
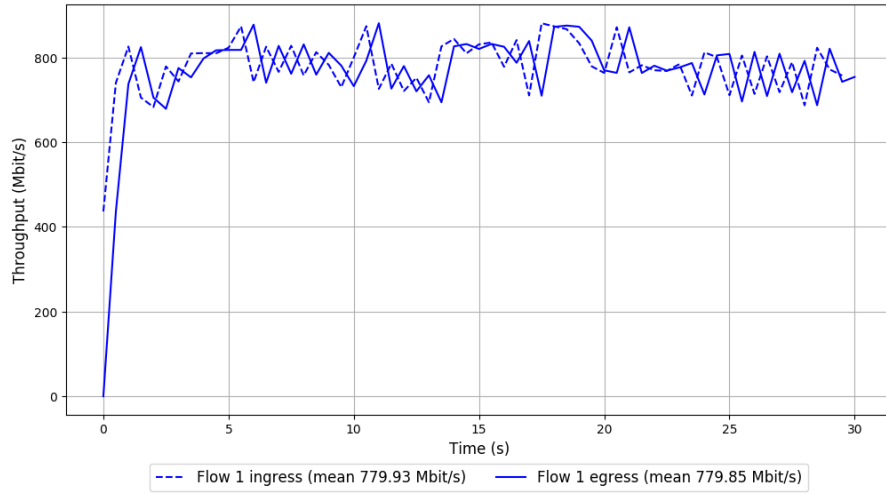
-- Flow 1:

Average throughput: 779.85 Mbit/s

95th percentile per-packet one-way delay: 8.502 ms

Loss rate: 0.08%

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



Run 7: Statistics of TCP BBR

Start at: 2018-08-22 13:53:10

End at: 2018-08-22 13:53:40

Local clock offset: -2.539 ms

Remote clock offset: 1.765 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 747.61 Mbit/s

95th percentile per-packet one-way delay: 11.447 ms

Loss rate: 0.07%

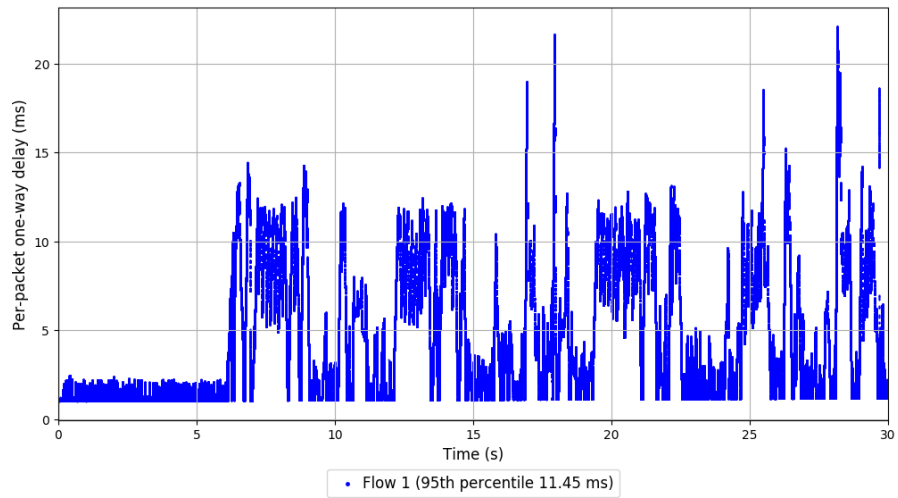
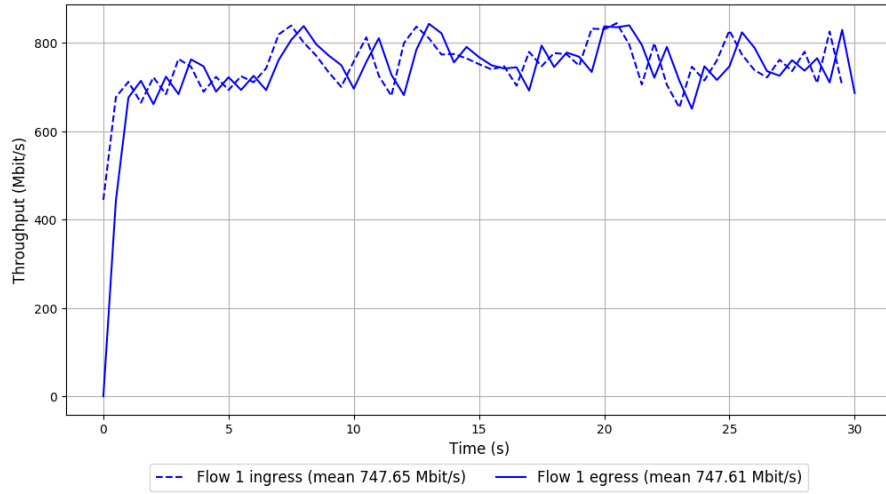
-- Flow 1:

Average throughput: 747.61 Mbit/s

95th percentile per-packet one-way delay: 11.447 ms

Loss rate: 0.07%

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



Run 8: Statistics of TCP BBR

Start at: 2018-08-22 14:19:11

End at: 2018-08-22 14:19:41

Local clock offset: -2.316 ms

Remote clock offset: 5.015 ms

# Below is generated by plot.py at 2018-08-22 15:43:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 771.02 Mbit/s

95th percentile per-packet one-way delay: 12.614 ms

Loss rate: 0.09%

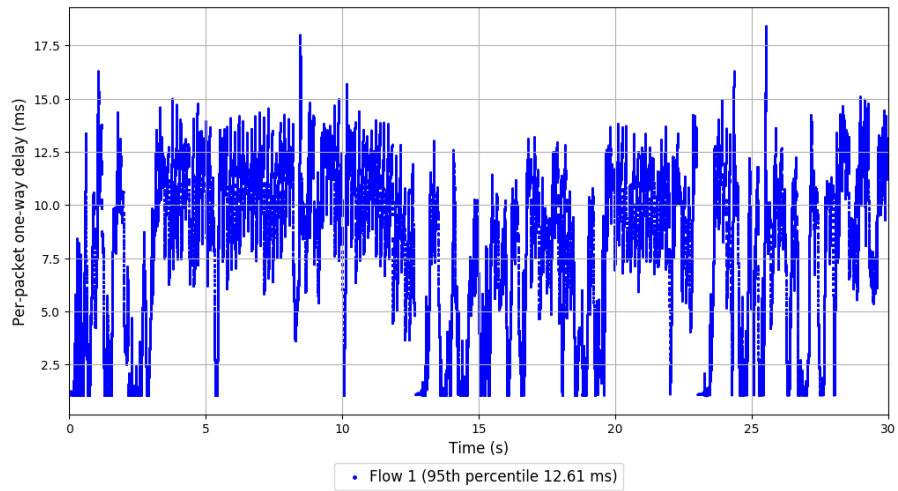
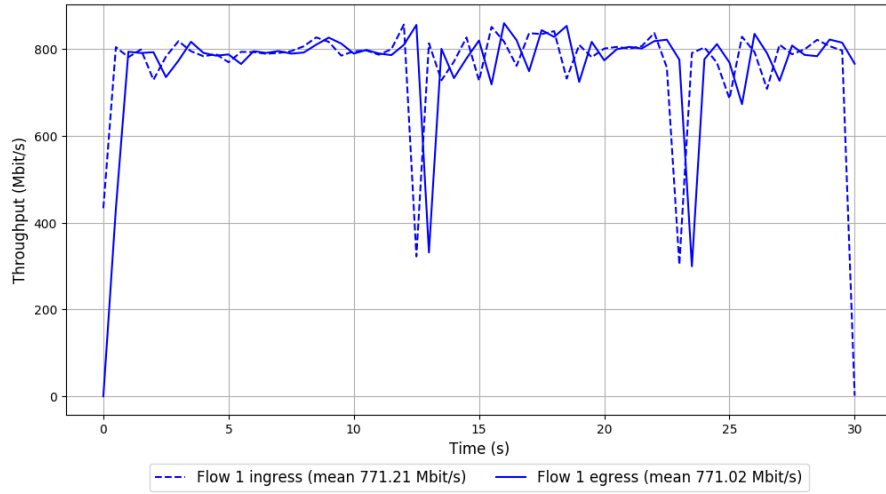
-- Flow 1:

Average throughput: 771.02 Mbit/s

95th percentile per-packet one-way delay: 12.614 ms

Loss rate: 0.09%

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



Run 9: Statistics of TCP BBR

Start at: 2018-08-22 14:45:11

End at: 2018-08-22 14:45:41

Local clock offset: -0.43 ms

Remote clock offset: -0.111 ms

# Below is generated by plot.py at 2018-08-22 15:51:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 776.81 Mbit/s

95th percentile per-packet one-way delay: 6.189 ms

Loss rate: 0.07%

-- Flow 1:

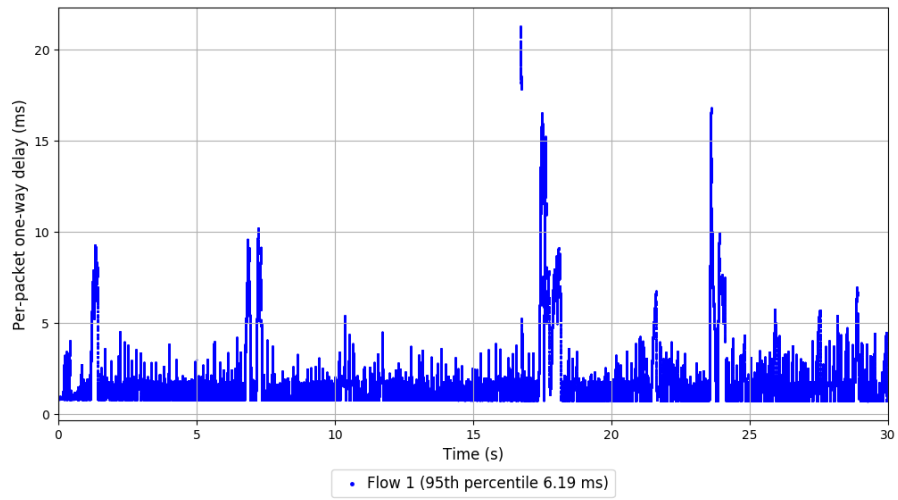
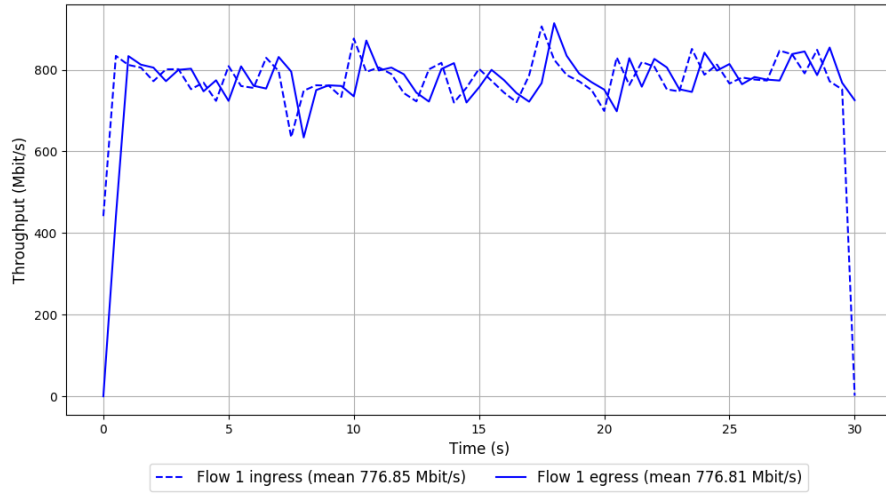
Average throughput: 776.81 Mbit/s

95th percentile per-packet one-way delay: 6.189 ms

Loss rate: 0.07%



Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-08-22 15:11:13

End at: 2018-08-22 15:11:43

Local clock offset: 1.006 ms

Remote clock offset: -0.436 ms

# Below is generated by plot.py at 2018-08-22 15:51:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 765.20 Mbit/s

95th percentile per-packet one-way delay: 5.766 ms

Loss rate: 0.10%

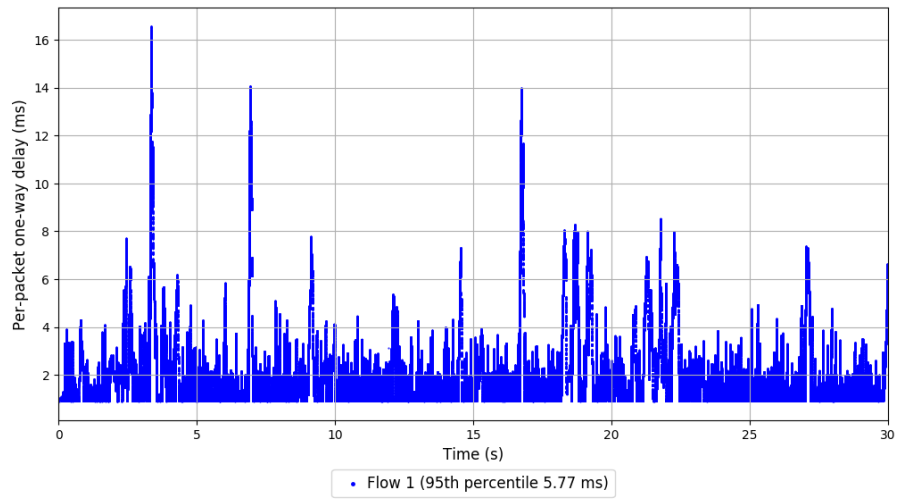
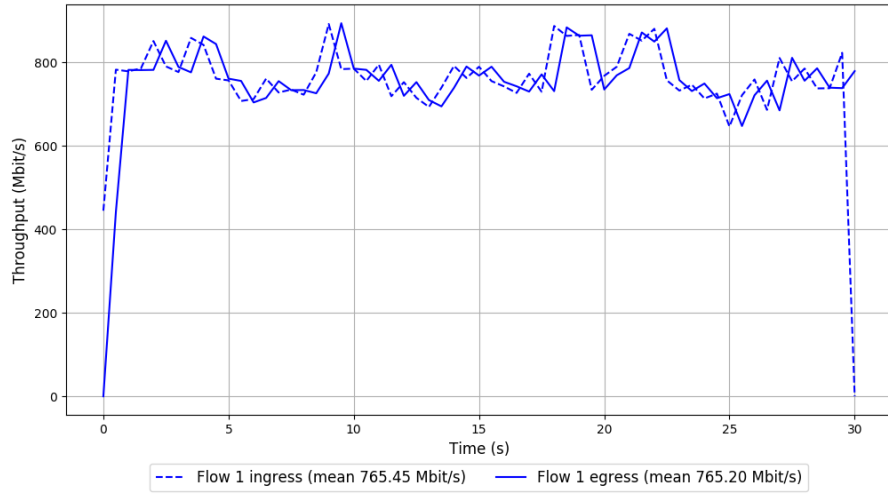
-- Flow 1:

Average throughput: 765.20 Mbit/s

95th percentile per-packet one-way delay: 5.766 ms

Loss rate: 0.10%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-22 11:20:01

End at: 2018-08-22 11:20:31

Local clock offset: 0.664 ms

Remote clock offset: -3.246 ms

# Below is generated by plot.py at 2018-08-22 15:51:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 309.32 Mbit/s

95th percentile per-packet one-way delay: 0.894 ms

Loss rate: 0.06%

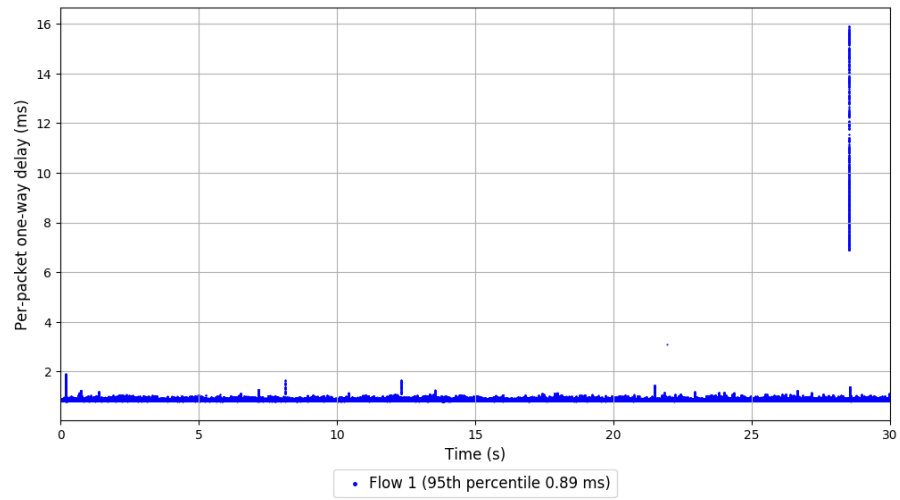
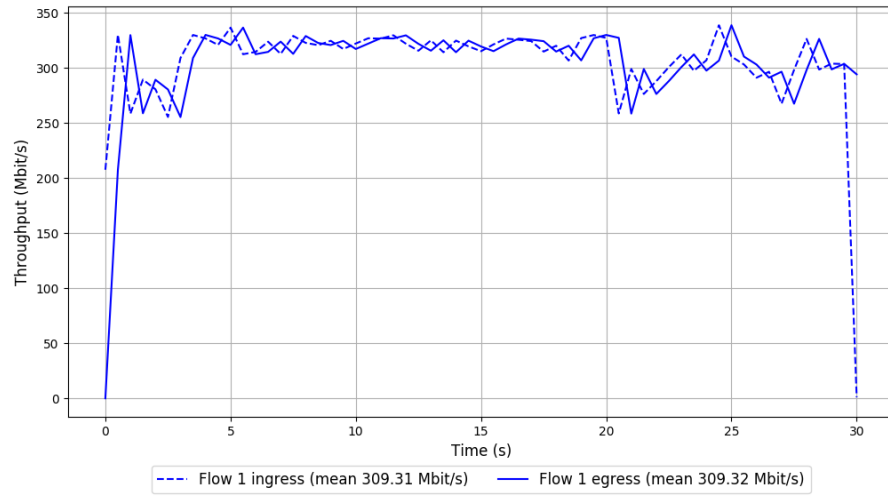
-- Flow 1:

Average throughput: 309.32 Mbit/s

95th percentile per-packet one-way delay: 0.894 ms

Loss rate: 0.06%

### Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-08-22 11:45:51

End at: 2018-08-22 11:46:21

Local clock offset: 0.622 ms

Remote clock offset: 3.912 ms

# Below is generated by plot.py at 2018-08-22 15:51:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 328.61 Mbit/s

95th percentile per-packet one-way delay: 1.041 ms

Loss rate: 0.06%

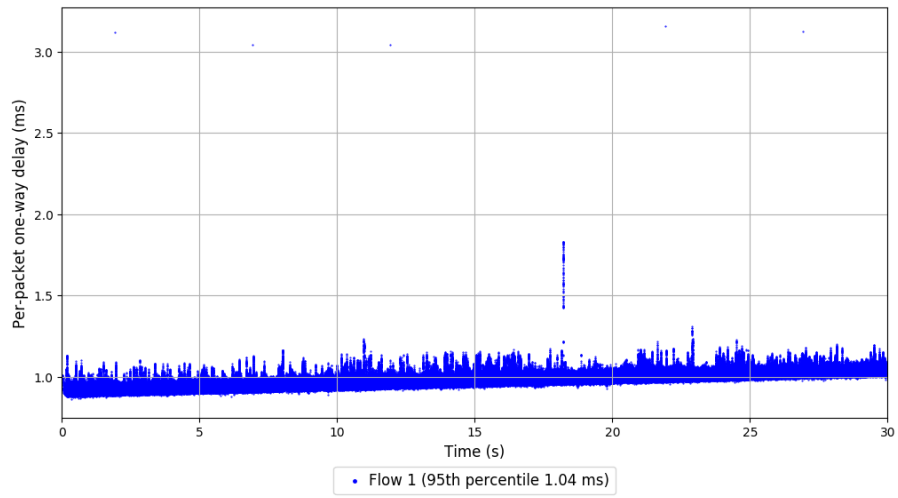
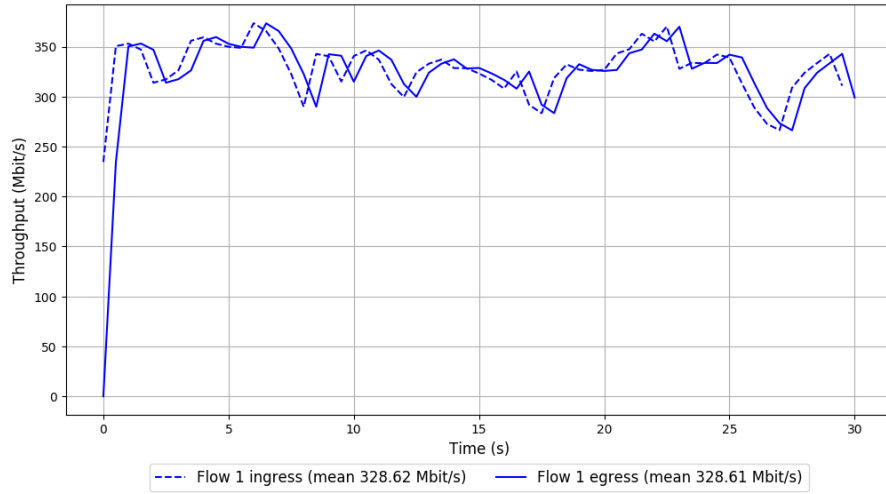
-- Flow 1:

Average throughput: 328.61 Mbit/s

95th percentile per-packet one-way delay: 1.041 ms

Loss rate: 0.06%

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-08-22 12:11:31

End at: 2018-08-22 12:12:01

Local clock offset: 0.543 ms

Remote clock offset: 3.108 ms

# Below is generated by plot.py at 2018-08-22 15:51:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 347.74 Mbit/s

95th percentile per-packet one-way delay: 0.814 ms

Loss rate: 0.04%

-- Flow 1:

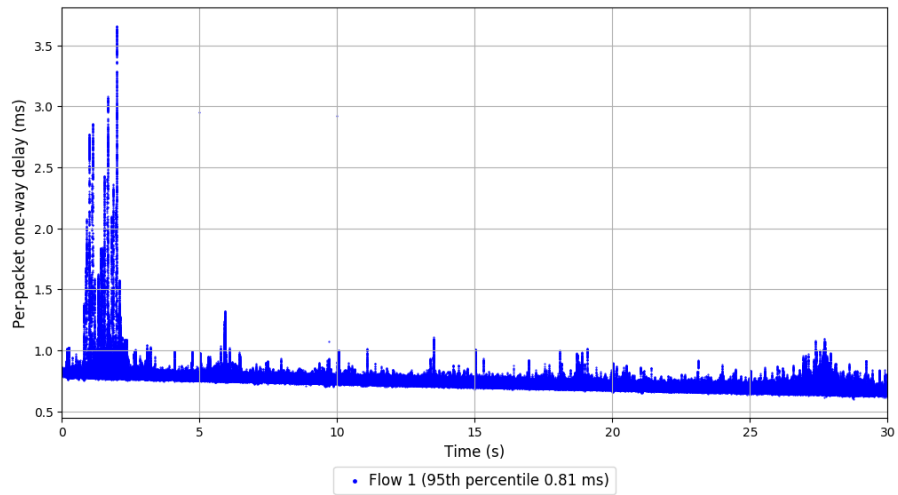
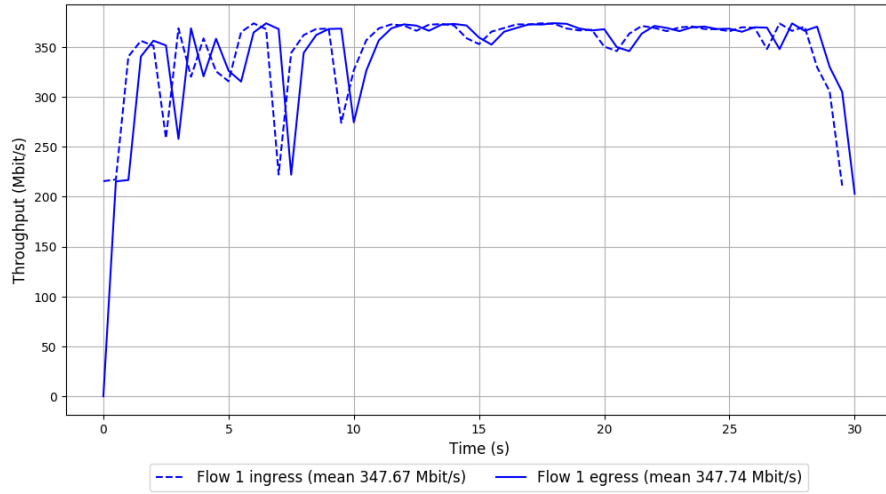
Average throughput: 347.74 Mbit/s

95th percentile per-packet one-way delay: 0.814 ms

Loss rate: 0.04%



### Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-08-22 12:37:16

End at: 2018-08-22 12:37:46

Local clock offset: 0.63 ms

Remote clock offset: 0.566 ms

# Below is generated by plot.py at 2018-08-22 15:52:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 444.98 Mbit/s

95th percentile per-packet one-way delay: 1.456 ms

Loss rate: 0.07%

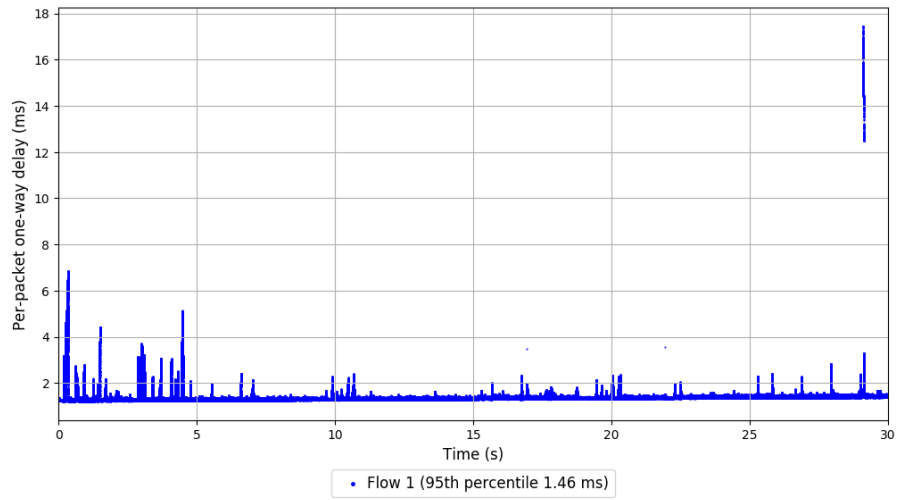
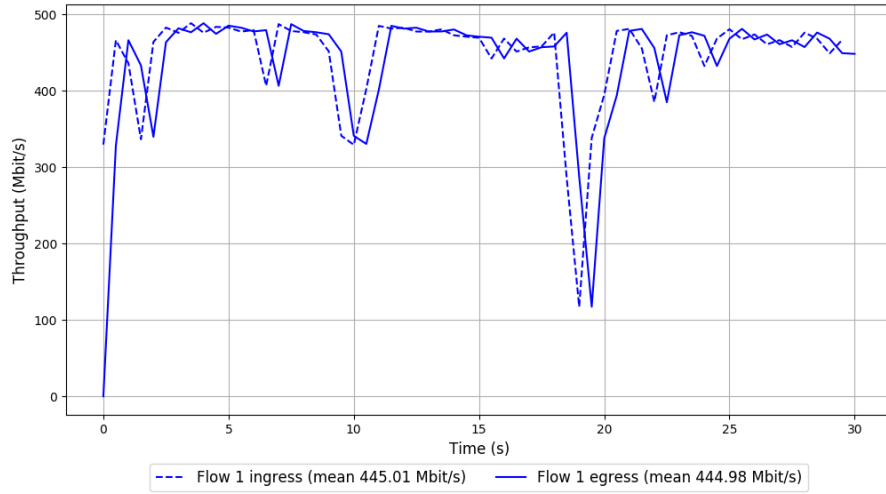
-- Flow 1:

Average throughput: 444.98 Mbit/s

95th percentile per-packet one-way delay: 1.456 ms

Loss rate: 0.07%

### Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-08-22 13:03:25

End at: 2018-08-22 13:03:55

Local clock offset: -3.114 ms

Remote clock offset: 3.732 ms

# Below is generated by plot.py at 2018-08-22 15:52:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 341.35 Mbit/s

95th percentile per-packet one-way delay: 1.068 ms

Loss rate: 0.06%

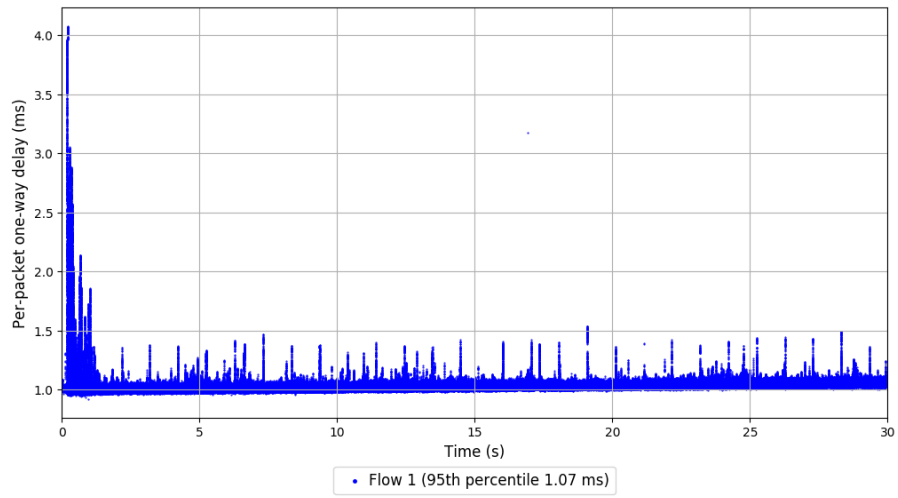
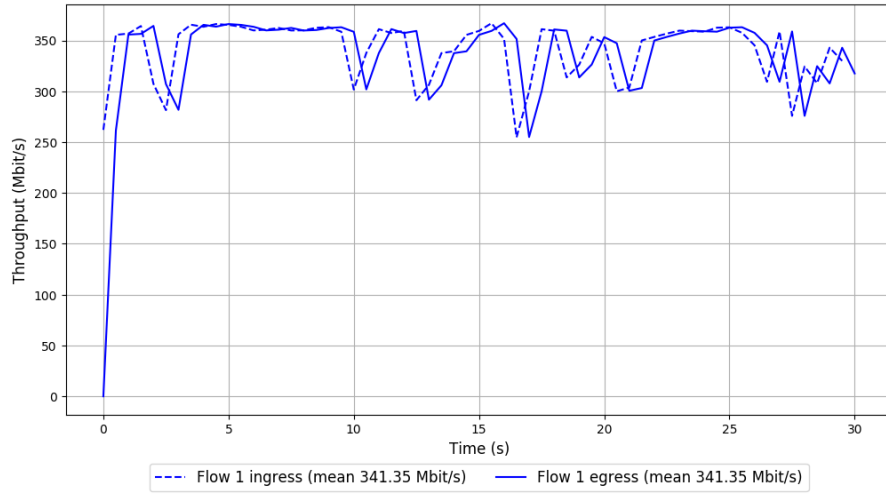
-- Flow 1:

Average throughput: 341.35 Mbit/s

95th percentile per-packet one-way delay: 1.068 ms

Loss rate: 0.06%

### Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-08-22 13:29:07

End at: 2018-08-22 13:29:37

Local clock offset: 0.374 ms

Remote clock offset: 0.281 ms

# Below is generated by plot.py at 2018-08-22 15:52:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 372.68 Mbit/s

95th percentile per-packet one-way delay: 0.931 ms

Loss rate: 0.05%

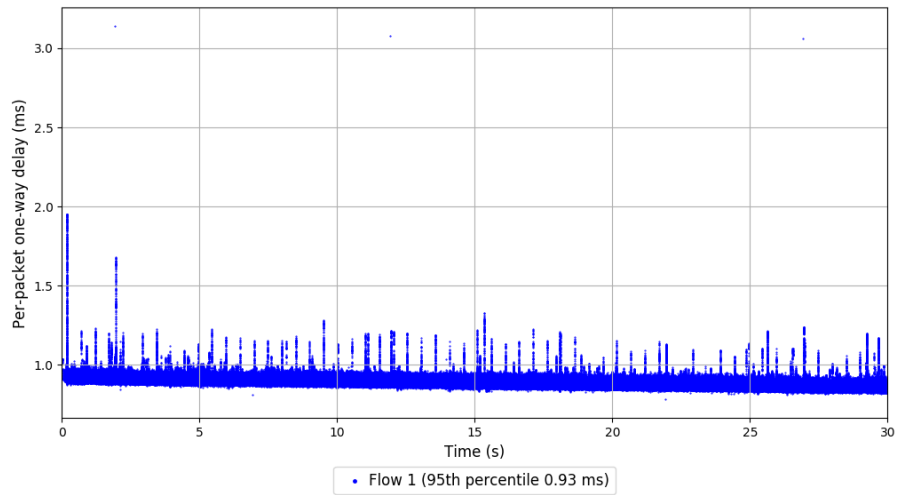
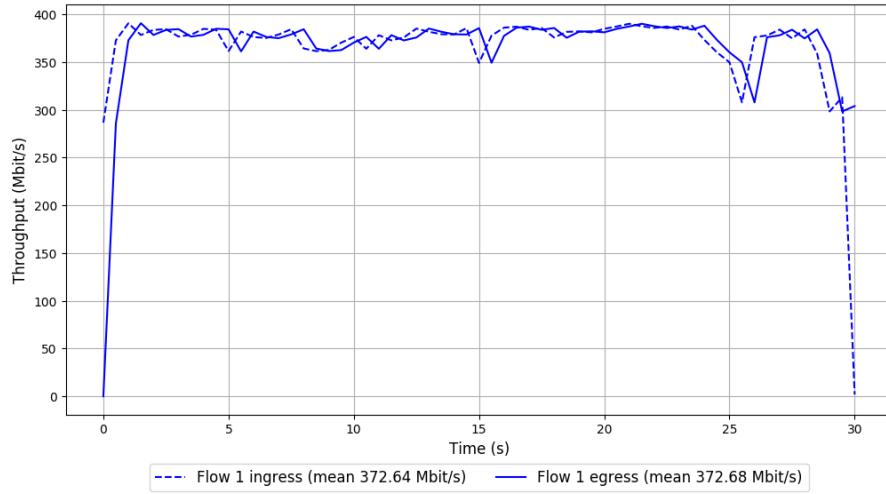
-- Flow 1:

Average throughput: 372.68 Mbit/s

95th percentile per-packet one-way delay: 0.931 ms

Loss rate: 0.05%

### Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-08-22 13:54:51

End at: 2018-08-22 13:55:21

Local clock offset: -2.577 ms

Remote clock offset: 2.275 ms

# Below is generated by plot.py at 2018-08-22 15:58:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 417.64 Mbit/s

95th percentile per-packet one-way delay: 1.219 ms

Loss rate: 0.07%

-- Flow 1:

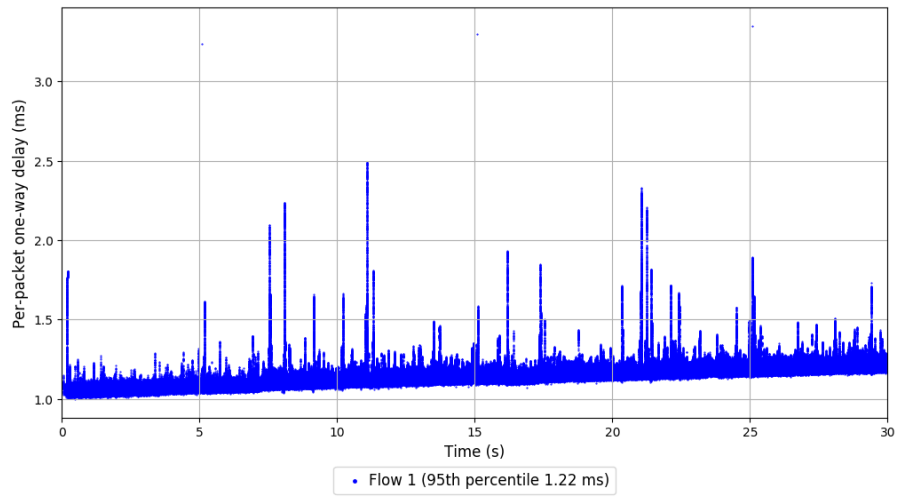
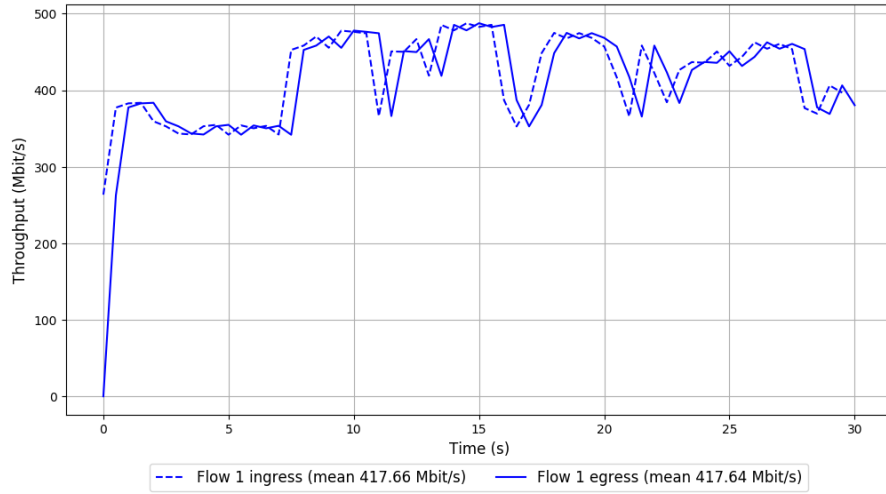
Average throughput: 417.64 Mbit/s

95th percentile per-packet one-way delay: 1.219 ms

Loss rate: 0.07%



### Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-08-22 14:20:53

End at: 2018-08-22 14:21:23

Local clock offset: -2.353 ms

Remote clock offset: 5.154 ms

# Below is generated by plot.py at 2018-08-22 15:58:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 425.09 Mbit/s

95th percentile per-packet one-way delay: 0.764 ms

Loss rate: 0.07%

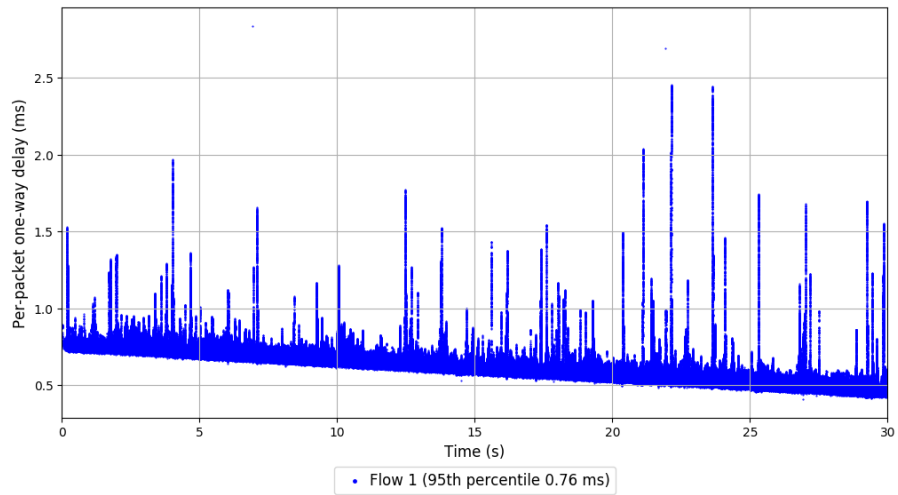
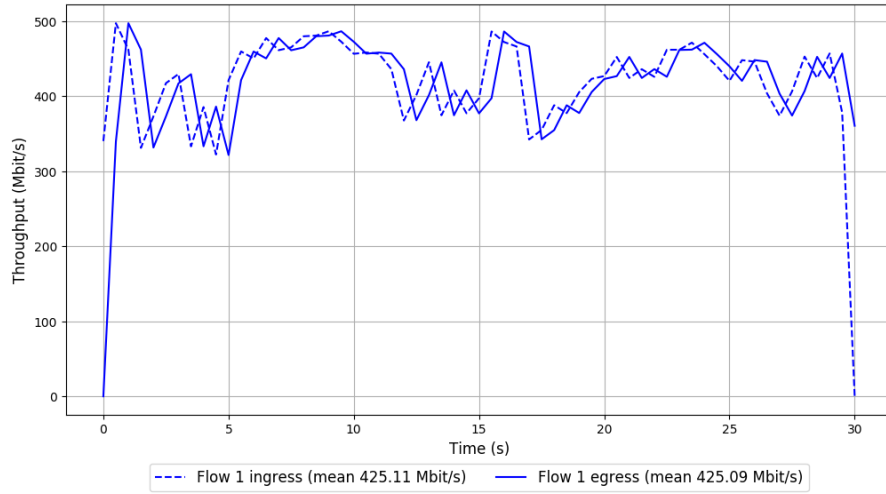
-- Flow 1:

Average throughput: 425.09 Mbit/s

95th percentile per-packet one-way delay: 0.764 ms

Loss rate: 0.07%

### Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-08-22 14:46:54  
End at: 2018-08-22 14:47:24  
Local clock offset: -0.092 ms  
Remote clock offset: -0.223 ms

# Below is generated by plot.py at 2018-08-22 15:59:29

# Datalink statistics

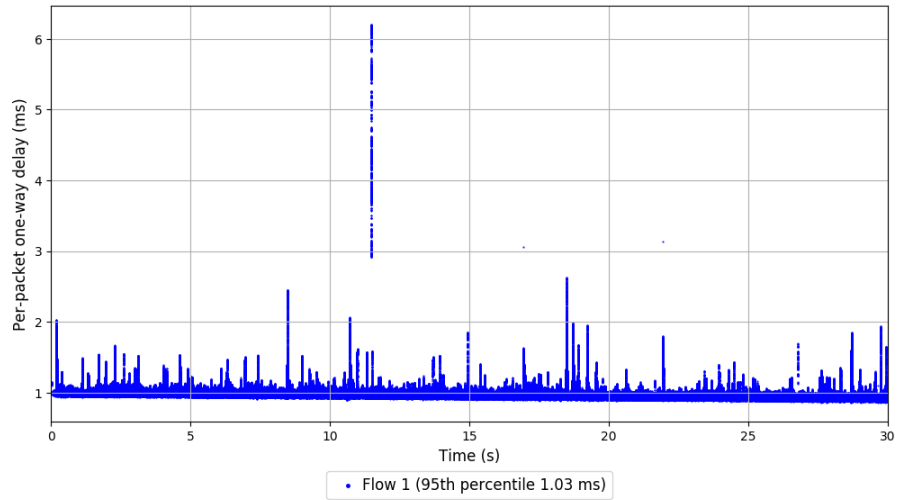
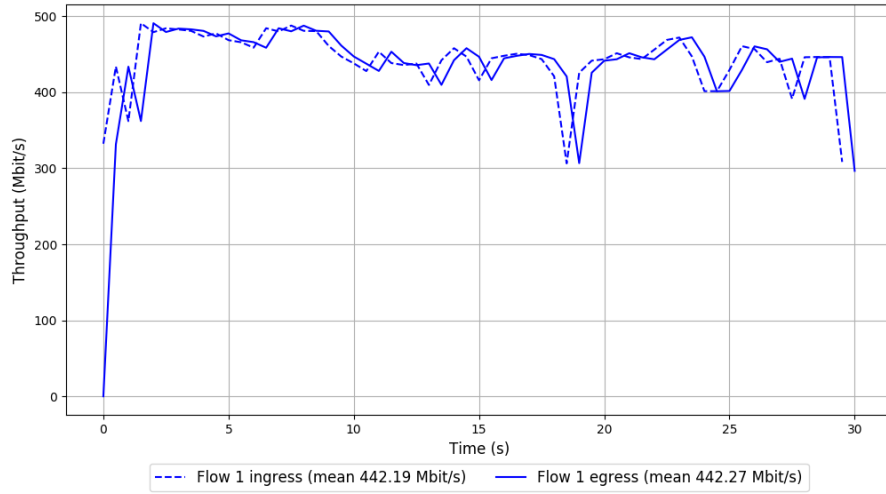
-- Total of 1 flow:

Average throughput: 442.27 Mbit/s  
95th percentile per-packet one-way delay: 1.033 ms  
Loss rate: 0.05%

-- Flow 1:

Average throughput: 442.27 Mbit/s  
95th percentile per-packet one-way delay: 1.033 ms  
Loss rate: 0.05%

### Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-08-22 15:12:56

End at: 2018-08-22 15:13:26

Local clock offset: 1.041 ms

Remote clock offset: -0.505 ms

# Below is generated by plot.py at 2018-08-22 15:59:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 378.83 Mbit/s

95th percentile per-packet one-way delay: 1.137 ms

Loss rate: 0.06%

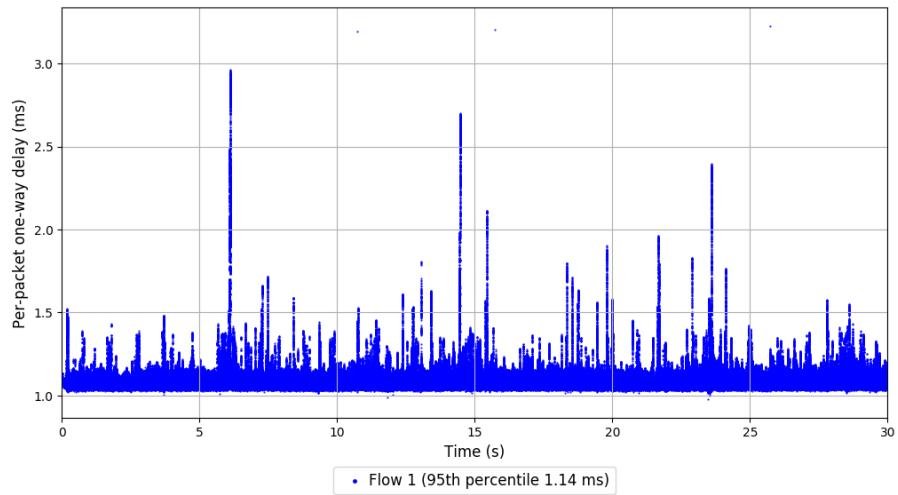
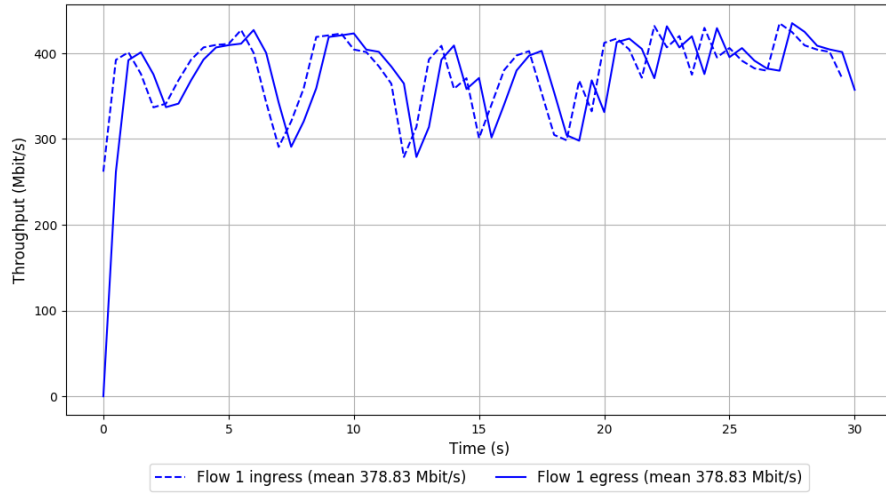
-- Flow 1:

Average throughput: 378.83 Mbit/s

95th percentile per-packet one-way delay: 1.137 ms

Loss rate: 0.06%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-08-22 11:01:14  
End at: 2018-08-22 11:01:44  
Local clock offset: 1.013 ms  
Remote clock offset: -4.023 ms

# Below is generated by plot.py at 2018-08-22 15:59:29

# Datalink statistics

-- Total of 1 flow:

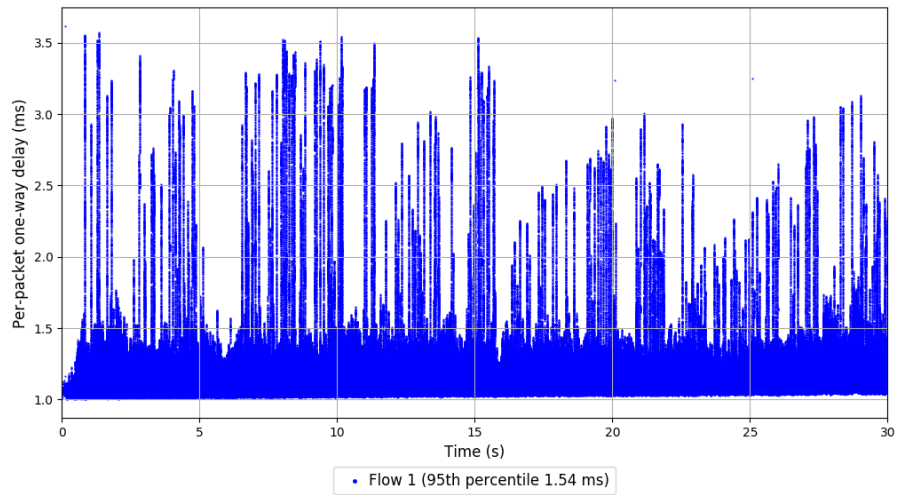
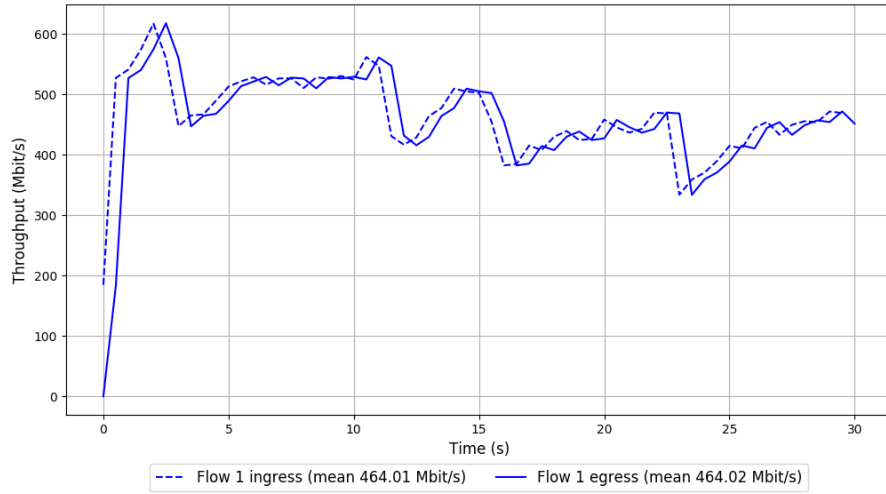
Average throughput: 464.02 Mbit/s  
95th percentile per-packet one-way delay: 1.542 ms  
Loss rate: 0.07%

-- Flow 1:

Average throughput: 464.02 Mbit/s  
95th percentile per-packet one-way delay: 1.542 ms  
Loss rate: 0.07%



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



Run 2: Statistics of TCP Cubic

Start at: 2018-08-22 11:27:07  
End at: 2018-08-22 11:27:37  
Local clock offset: 0.719 ms  
Remote clock offset: -3.326 ms

# Below is generated by plot.py at 2018-08-22 15:59:29

# Datalink statistics

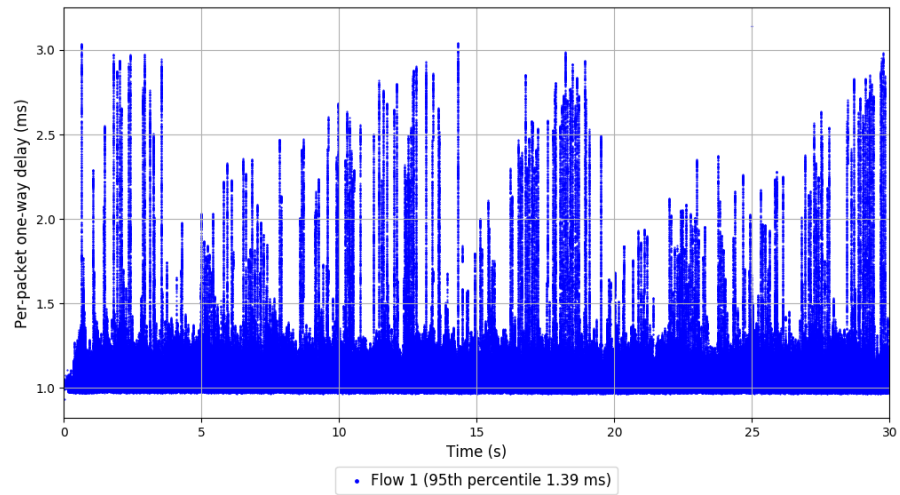
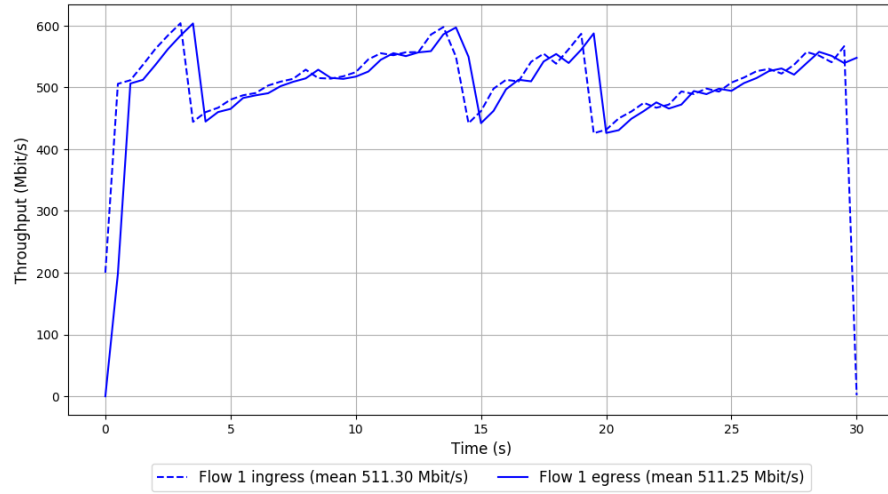
-- Total of 1 flow:

Average throughput: 511.25 Mbit/s  
95th percentile per-packet one-way delay: 1.389 ms  
Loss rate: 0.07%

-- Flow 1:

Average throughput: 511.25 Mbit/s  
95th percentile per-packet one-way delay: 1.389 ms  
Loss rate: 0.07%

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



Run 3: Statistics of TCP Cubic

Start at: 2018-08-22 11:53:00

End at: 2018-08-22 11:53:30

Local clock offset: 0.564 ms

Remote clock offset: 5.288 ms

# Below is generated by plot.py at 2018-08-22 15:59:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 541.78 Mbit/s

95th percentile per-packet one-way delay: 10.779 ms

Loss rate: 0.02%

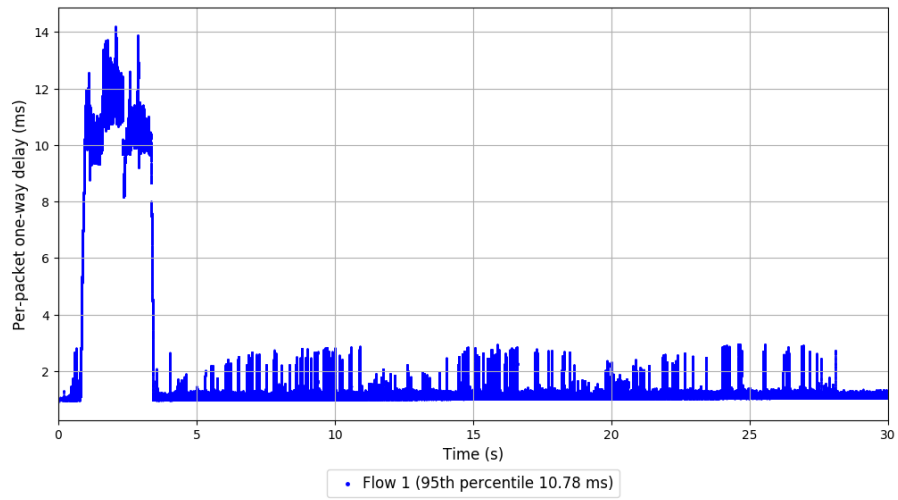
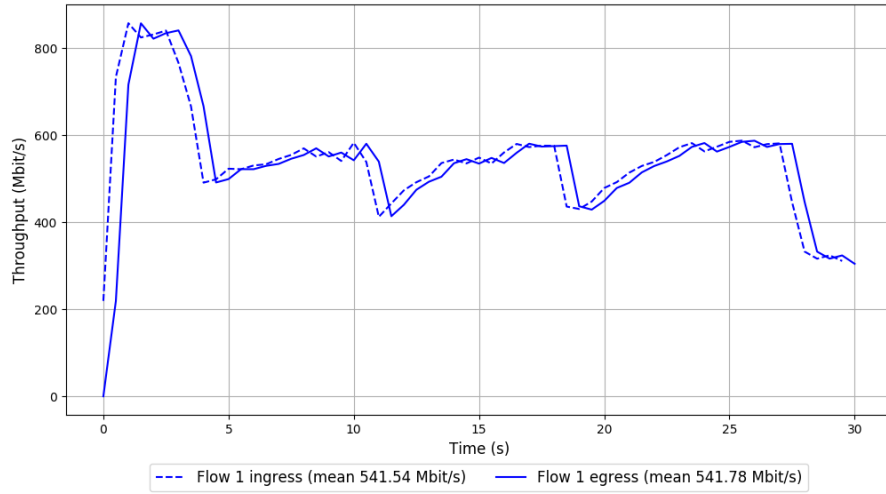
-- Flow 1:

Average throughput: 541.78 Mbit/s

95th percentile per-packet one-way delay: 10.779 ms

Loss rate: 0.02%

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



Run 4: Statistics of TCP Cubic

Start at: 2018-08-22 12:18:40

End at: 2018-08-22 12:19:10

Local clock offset: 0.587 ms

Remote clock offset: 1.433 ms

# Below is generated by plot.py at 2018-08-22 15:59:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 485.33 Mbit/s

95th percentile per-packet one-way delay: 1.341 ms

Loss rate: 0.07%

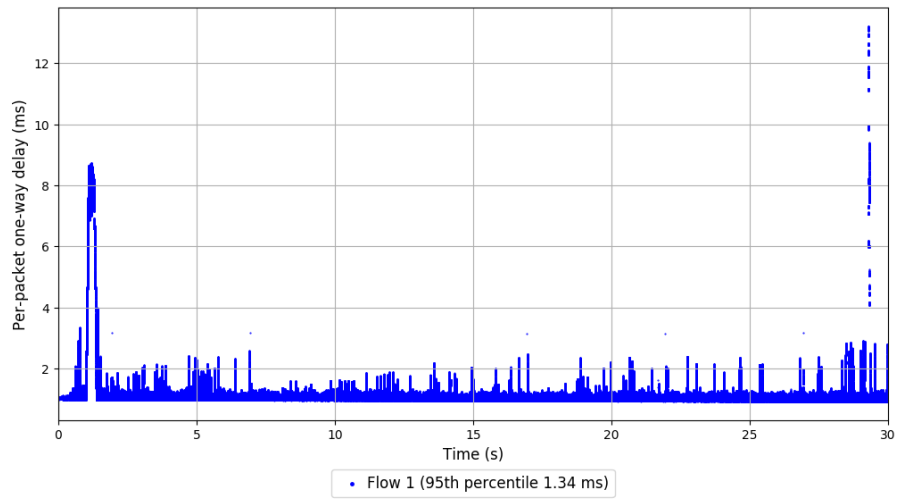
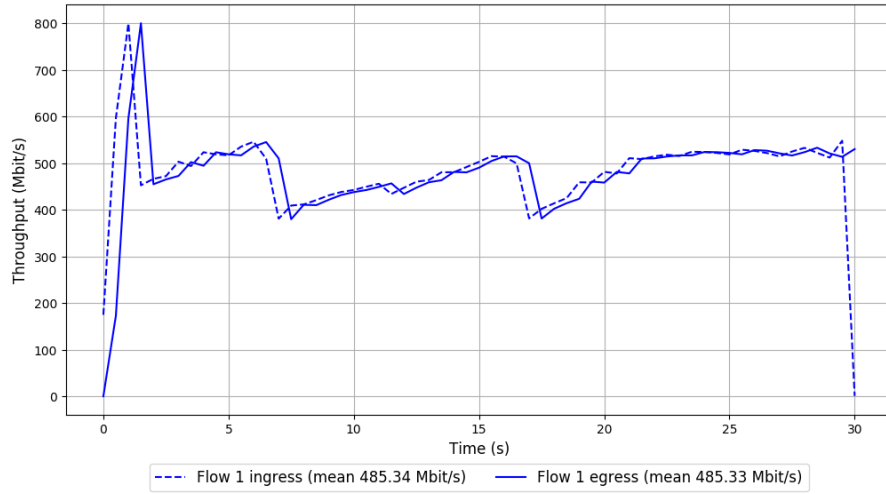
-- Flow 1:

Average throughput: 485.33 Mbit/s

95th percentile per-packet one-way delay: 1.341 ms

Loss rate: 0.07%

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



Run 5: Statistics of TCP Cubic

Start at: 2018-08-22 12:44:34

End at: 2018-08-22 12:45:04

Local clock offset: -1.4 ms

Remote clock offset: 1.852 ms

# Below is generated by plot.py at 2018-08-22 16:02:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 491.79 Mbit/s

95th percentile per-packet one-way delay: 1.753 ms

Loss rate: 0.07%

-- Flow 1:

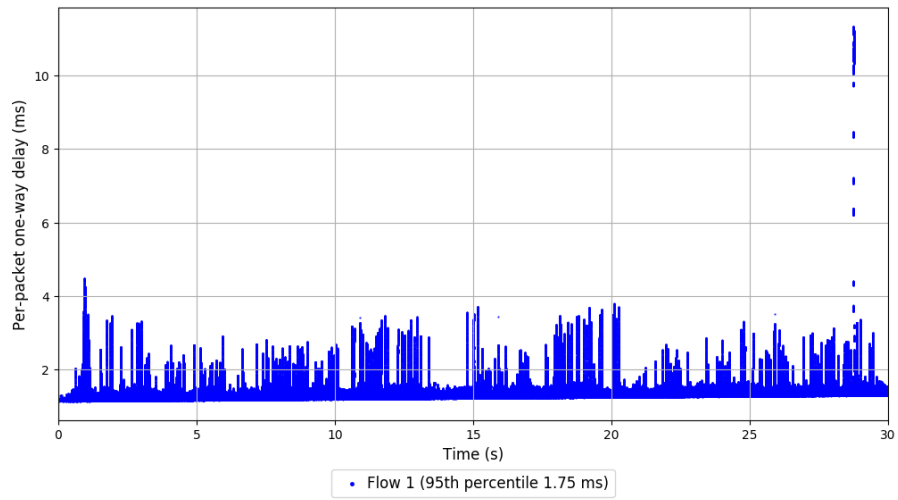
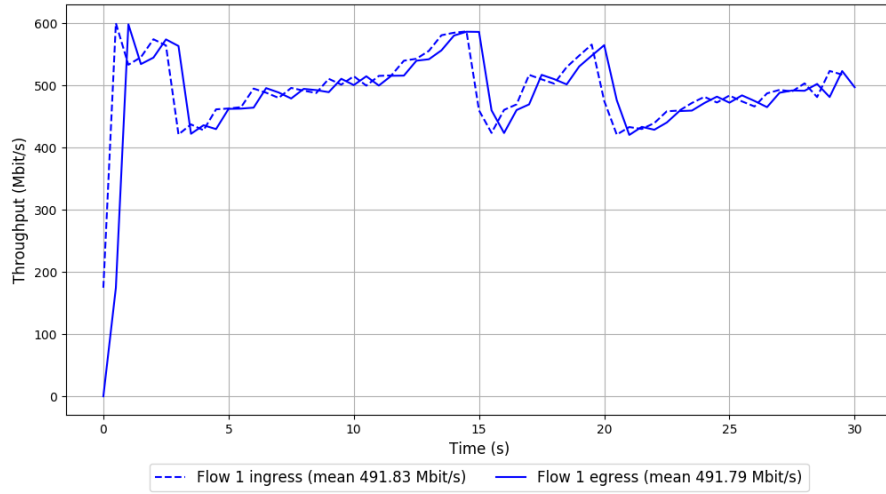
Average throughput: 491.79 Mbit/s

95th percentile per-packet one-way delay: 1.753 ms

Loss rate: 0.07%



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



Run 6: Statistics of TCP Cubic

Start at: 2018-08-22 13:10:36

End at: 2018-08-22 13:11:07

Local clock offset: -2.198 ms

Remote clock offset: 3.966 ms

# Below is generated by plot.py at 2018-08-22 16:02:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 462.21 Mbit/s

95th percentile per-packet one-way delay: 1.128 ms

Loss rate: 0.06%

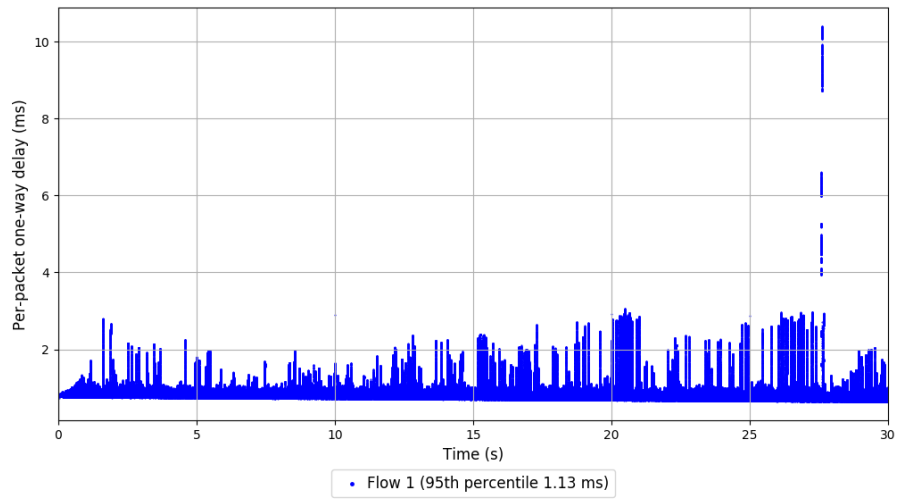
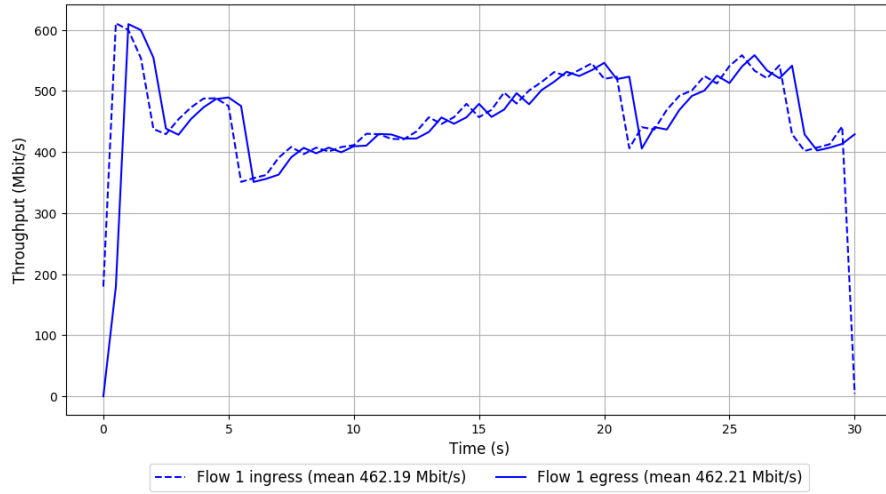
-- Flow 1:

Average throughput: 462.21 Mbit/s

95th percentile per-packet one-way delay: 1.128 ms

Loss rate: 0.06%

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

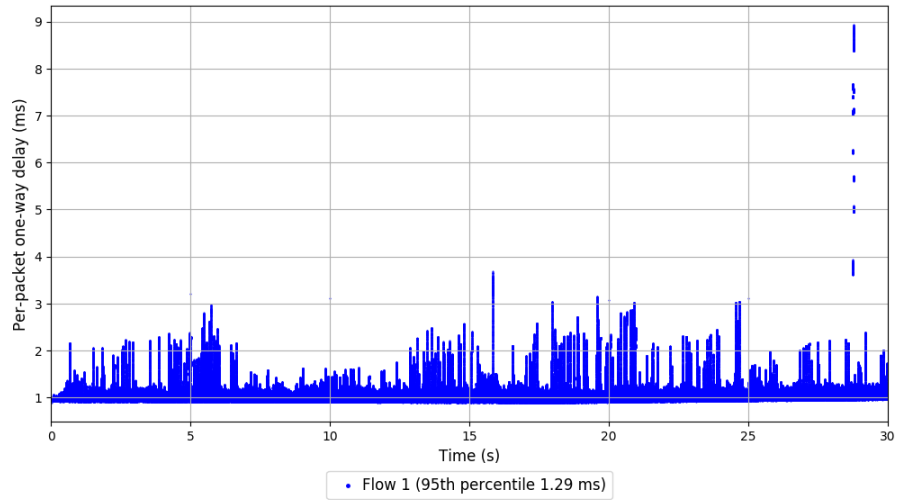
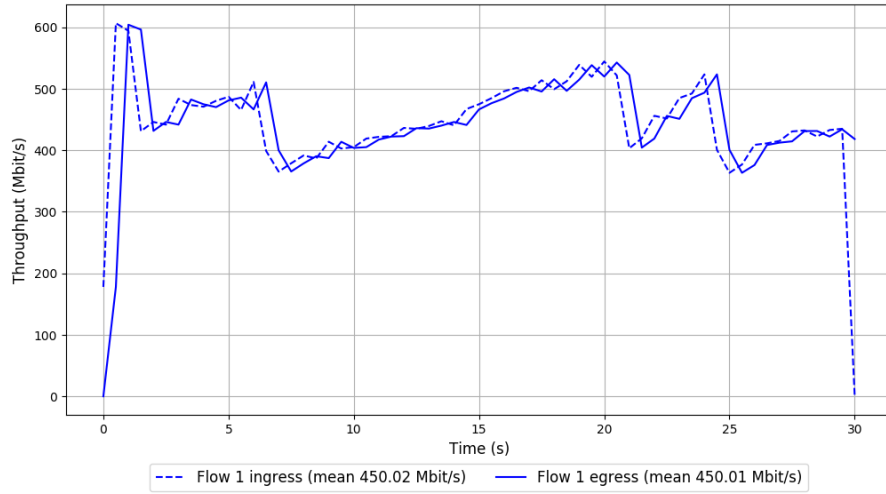


Run 7: Statistics of TCP Cubic

Start at: 2018-08-22 13:36:18  
End at: 2018-08-22 13:36:48  
Local clock offset: 0.546 ms  
Remote clock offset: -0.288 ms

# Below is generated by plot.py at 2018-08-22 16:02:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 450.01 Mbit/s  
95th percentile per-packet one-way delay: 1.295 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 450.01 Mbit/s  
95th percentile per-packet one-way delay: 1.295 ms  
Loss rate: 0.07%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-08-22 14:02:07

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

Local clock offset: -3.065 ms

Remote clock offset: 3.378 ms

# Below is generated by plot.py at 2018-08-22 16:03:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 491.18 Mbit/s

95th percentile per-packet one-way delay: 1.465 ms

Loss rate: 0.07%

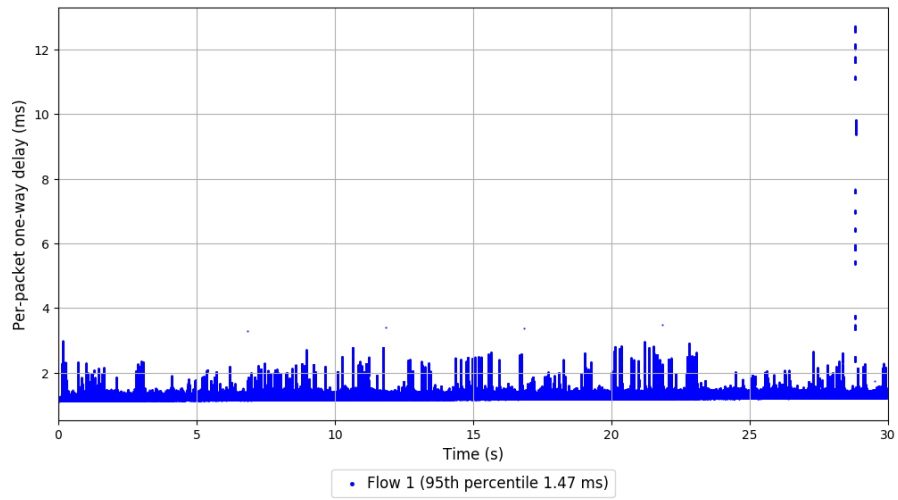
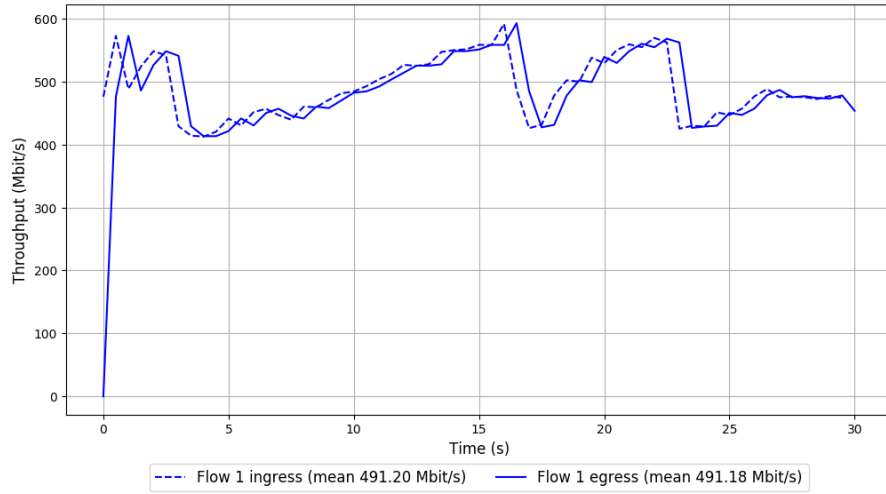
-- Flow 1:

Average throughput: 491.18 Mbit/s

95th percentile per-packet one-way delay: 1.465 ms

Loss rate: 0.07%

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



Run 9: Statistics of TCP Cubic

Start at: 2018-08-22 14:28:07

End at: 2018-08-22 14:28:37

Local clock offset: -2.126 ms

Remote clock offset: 2.051 ms

# Below is generated by plot.py at 2018-08-22 16:03:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 517.58 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.06%

-- Flow 1:

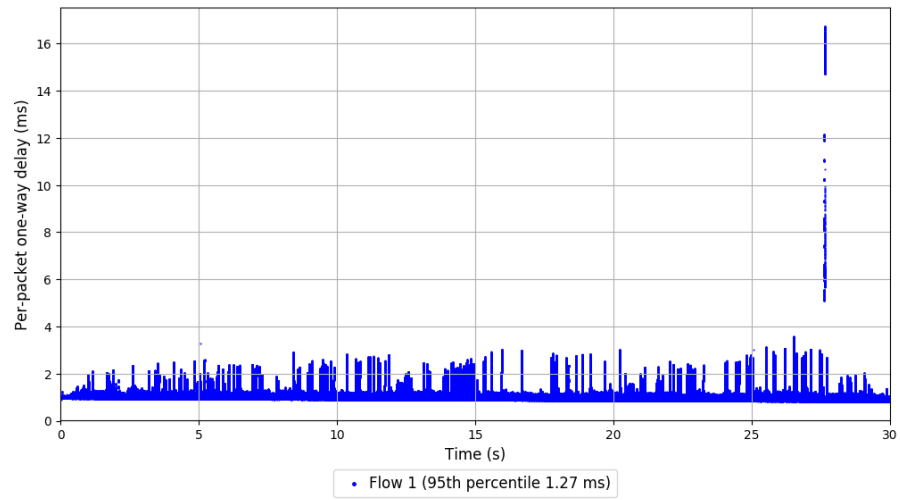
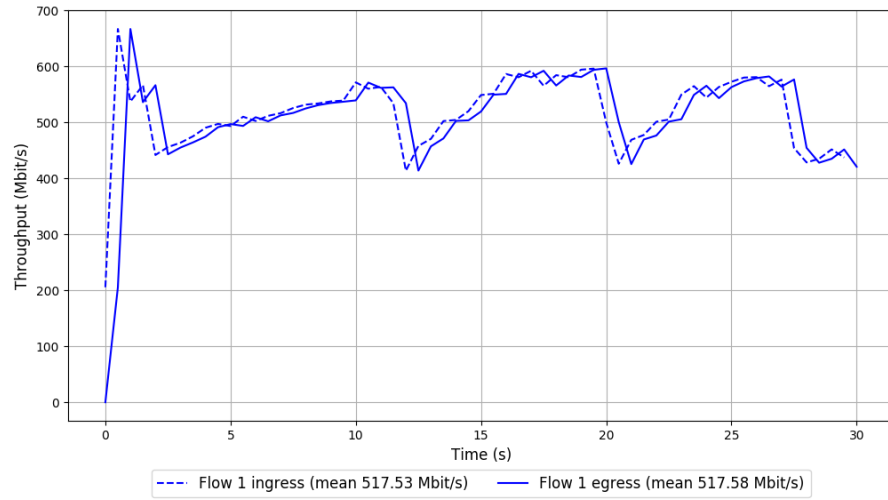
Average throughput: 517.58 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.06%



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



Run 10: Statistics of TCP Cubic

Start at: 2018-08-22 14:54:08

End at: 2018-08-22 14:54:38

Local clock offset: 0.465 ms

Remote clock offset: -0.479 ms

# Below is generated by plot.py at 2018-08-22 16:03:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 499.85 Mbit/s

95th percentile per-packet one-way delay: 5.635 ms

Loss rate: 0.06%

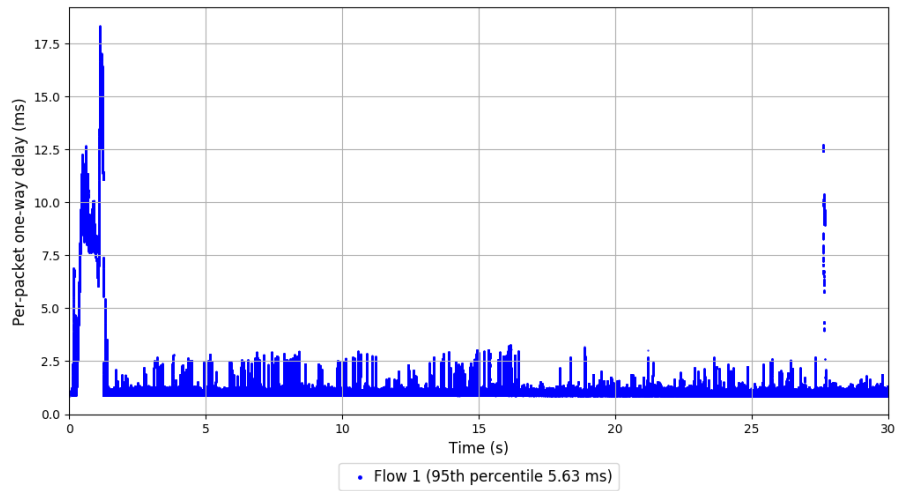
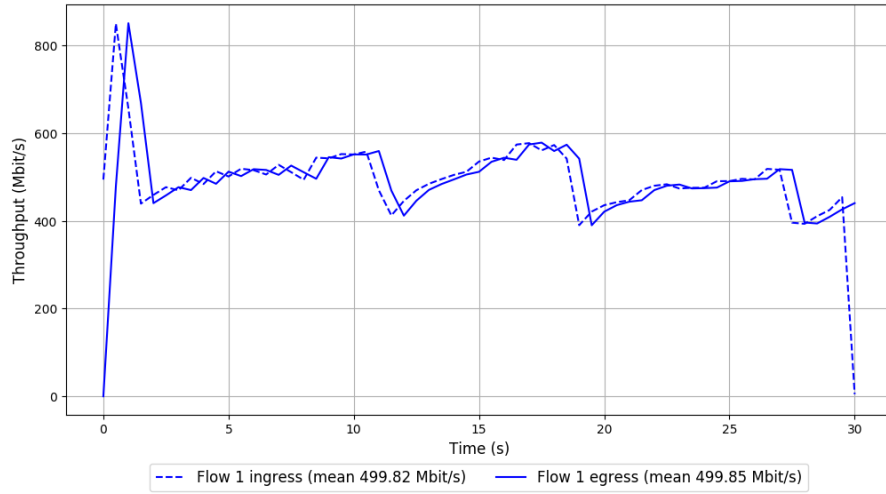
-- Flow 1:

Average throughput: 499.85 Mbit/s

95th percentile per-packet one-way delay: 5.635 ms

Loss rate: 0.06%

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



Run 1: Statistics of FillP

Start at: 2018-08-22 11:06:02

End at: 2018-08-22 11:06:32

Local clock offset: 1.126 ms

Remote clock offset: -3.721 ms

# Below is generated by plot.py at 2018-08-22 16:11:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 928.54 Mbit/s

95th percentile per-packet one-way delay: 26.174 ms

Loss rate: 0.61%

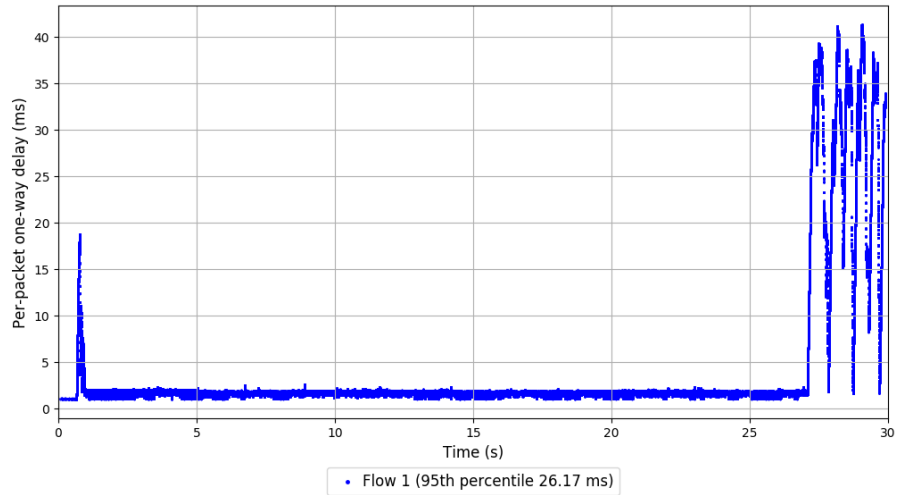
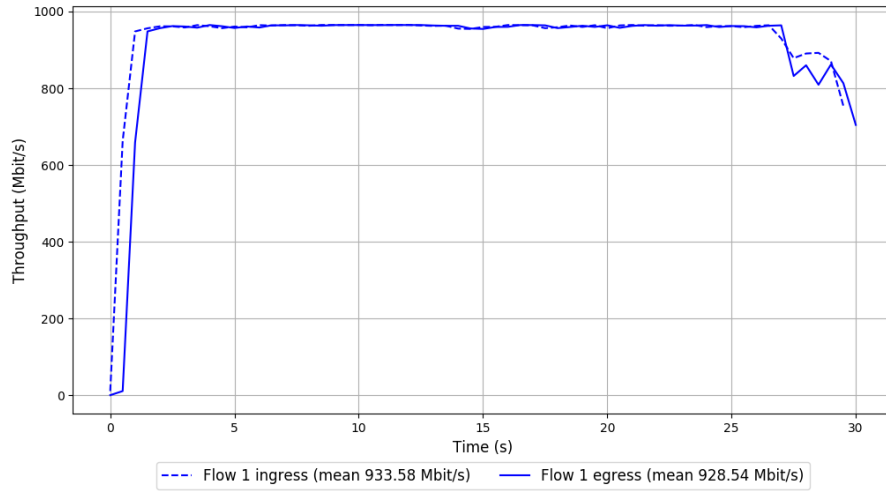
-- Flow 1:

Average throughput: 928.54 Mbit/s

95th percentile per-packet one-way delay: 26.174 ms

Loss rate: 0.61%

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

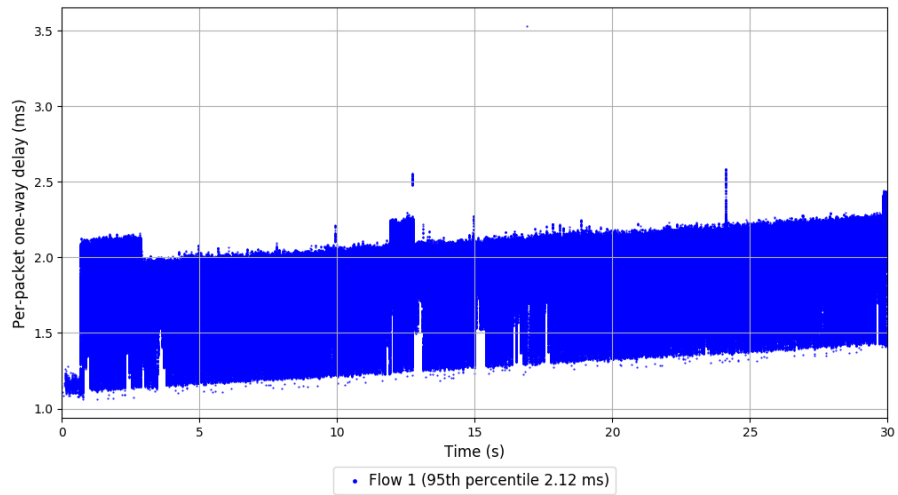
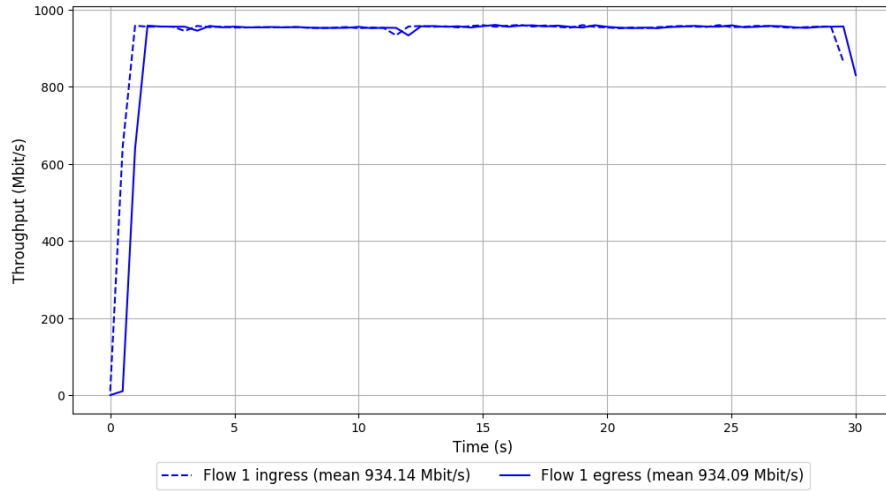


Run 2: Statistics of FillP

Start at: 2018-08-22 11:31:56  
End at: 2018-08-22 11:32:26  
Local clock offset: 0.767 ms  
Remote clock offset: -1.908 ms

# Below is generated by plot.py at 2018-08-22 16:12:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 934.09 Mbit/s  
95th percentile per-packet one-way delay: 2.118 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 934.09 Mbit/s  
95th percentile per-packet one-way delay: 2.118 ms  
Loss rate: 0.07%

## Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-08-22 11:57:36

End at: 2018-08-22 11:58:06

Local clock offset: 0.651 ms

Remote clock offset: 6.092 ms

# Below is generated by plot.py at 2018-08-22 16:15:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 908.93 Mbit/s

95th percentile per-packet one-way delay: 1.905 ms

Loss rate: 0.07%

-- Flow 1:

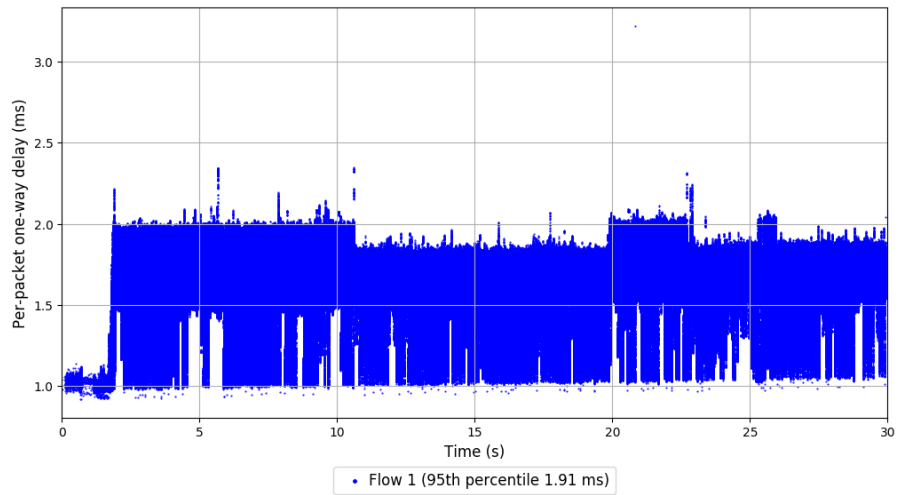
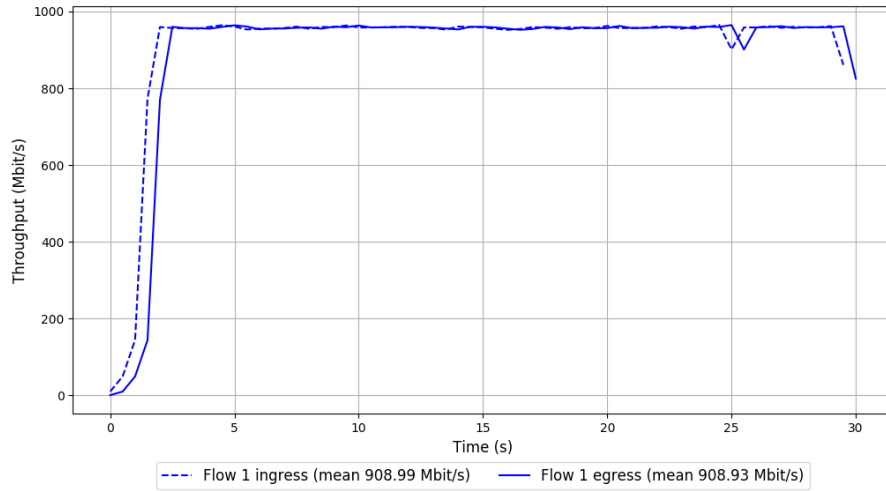
Average throughput: 908.93 Mbit/s

95th percentile per-packet one-way delay: 1.905 ms

Loss rate: 0.07%



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



Run 4: Statistics of FillP

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

End at: 2018-08-22 12:23:58

Local clock offset: 0.609 ms

Remote clock offset: 0.997 ms

# Below is generated by plot.py at 2018-08-22 16:15:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 910.80 Mbit/s

95th percentile per-packet one-way delay: 1.770 ms

Loss rate: 0.08%

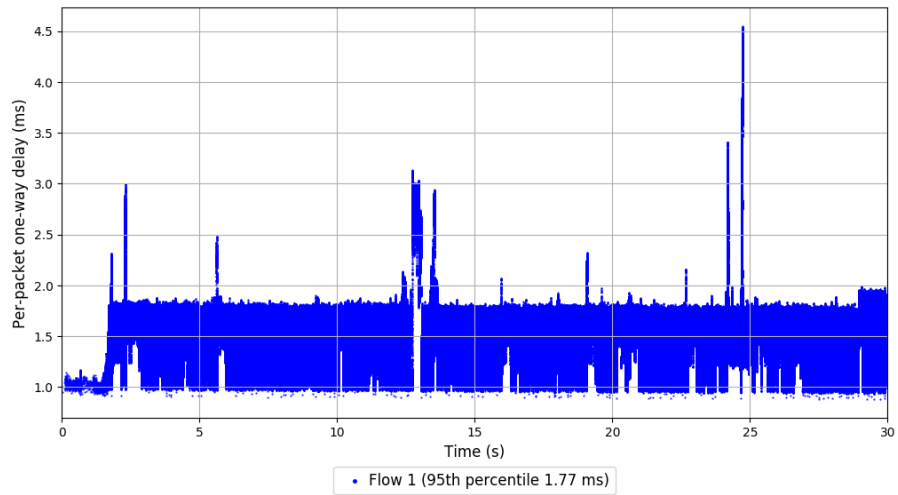
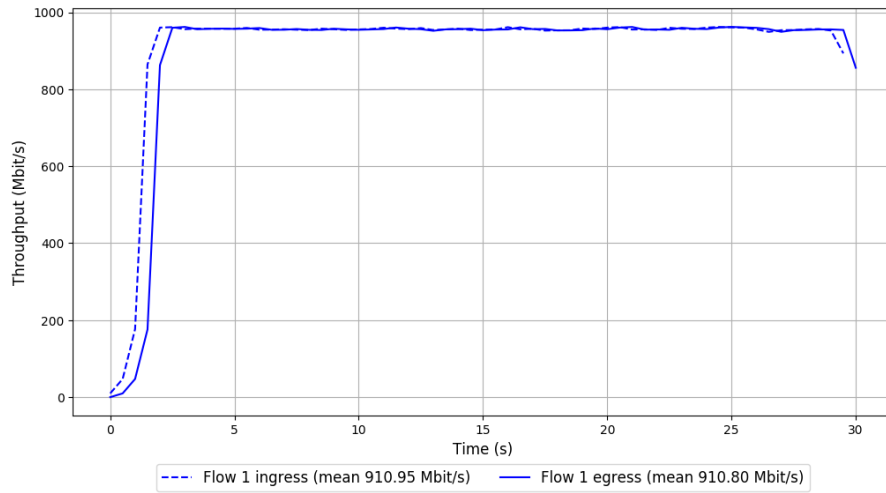
-- Flow 1:

Average throughput: 910.80 Mbit/s

95th percentile per-packet one-way delay: 1.770 ms

Loss rate: 0.08%

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



Run 5: Statistics of FillP

Start at: 2018-08-22 12:49:23

End at: 2018-08-22 12:49:53

Local clock offset: -2.025 ms

Remote clock offset: 2.516 ms

# Below is generated by plot.py at 2018-08-22 16:15:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 928.28 Mbit/s

95th percentile per-packet one-way delay: 2.123 ms

Loss rate: 0.07%

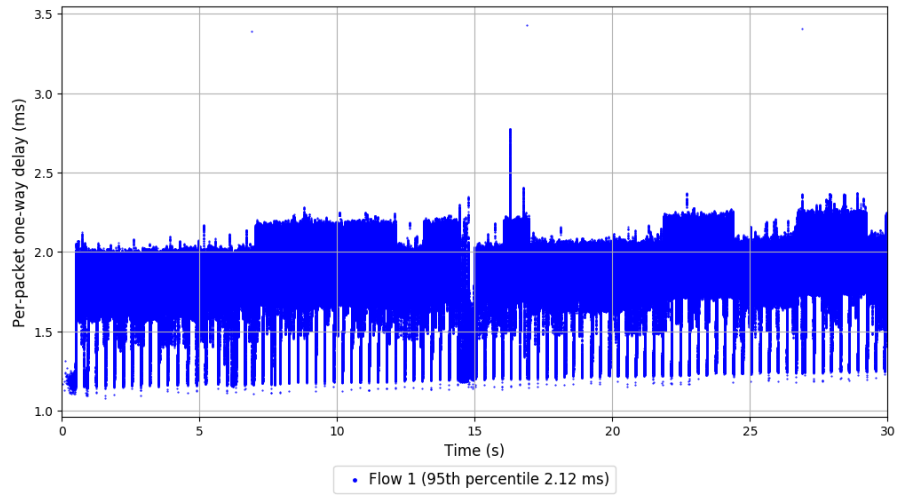
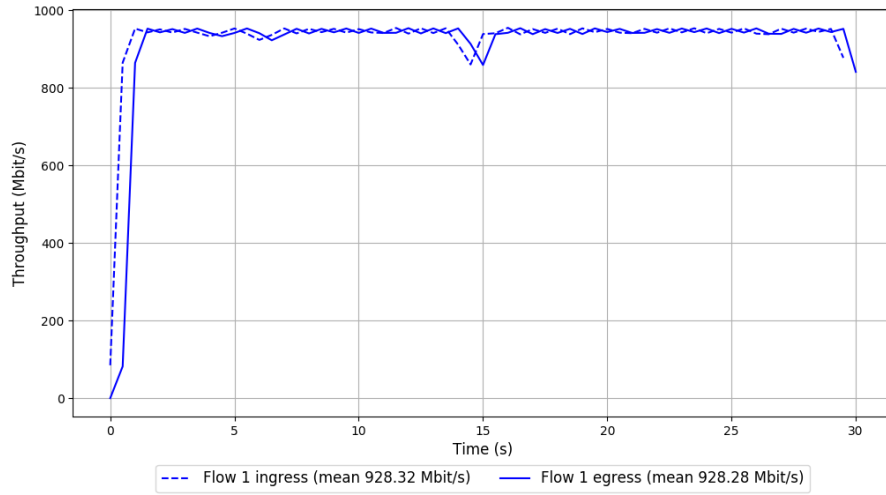
-- Flow 1:

Average throughput: 928.28 Mbit/s

95th percentile per-packet one-way delay: 2.123 ms

Loss rate: 0.07%

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



Run 6: Statistics of FillP

Start at: 2018-08-22 13:15:11

End at: 2018-08-22 13:15:41

Local clock offset: -1.084 ms

Remote clock offset: 2.824 ms

# Below is generated by plot.py at 2018-08-22 16:16:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 938.41 Mbit/s

95th percentile per-packet one-way delay: 1.687 ms

Loss rate: 0.07%

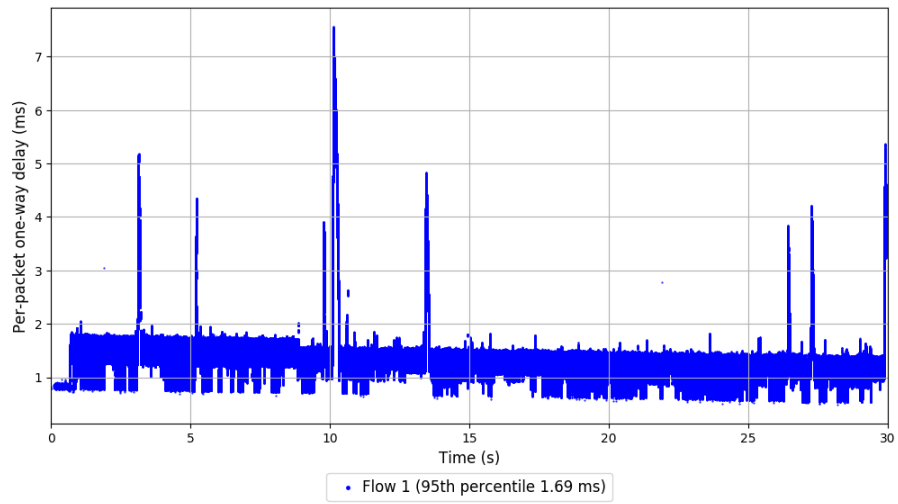
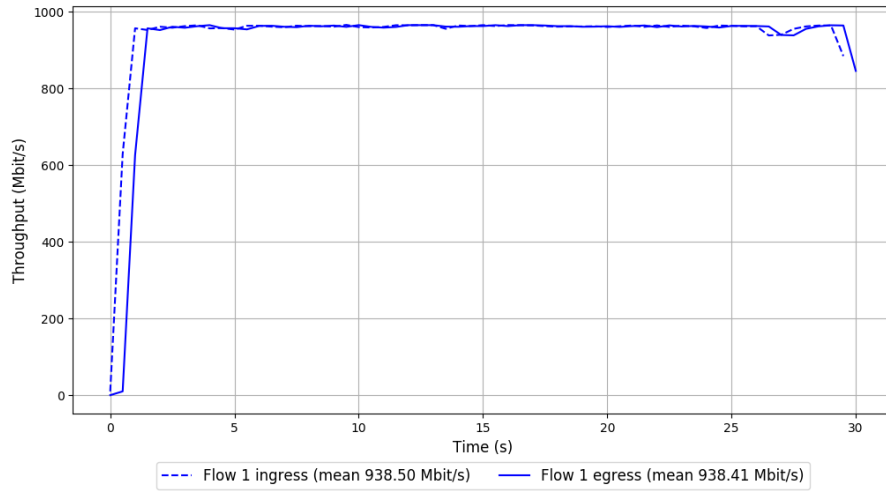
-- Flow 1:

Average throughput: 938.41 Mbit/s

95th percentile per-packet one-way delay: 1.687 ms

Loss rate: 0.07%

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



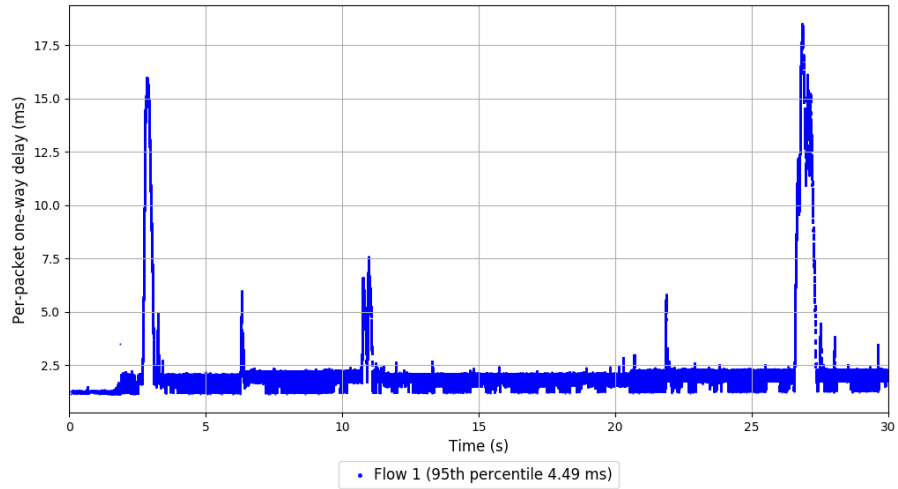
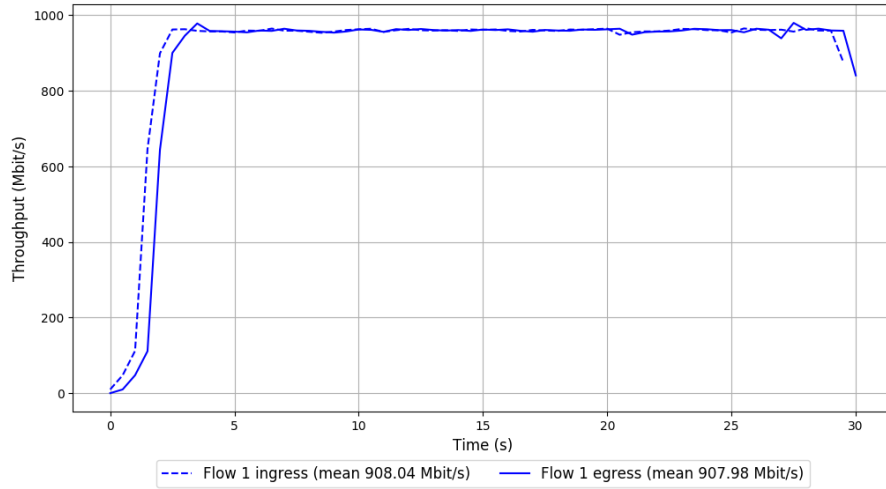
Run 7: Statistics of FillP

Start at: 2018-08-22 13:41:05  
End at: 2018-08-22 13:41:35  
Local clock offset: -0.61 ms  
Remote clock offset: -0.524 ms

# Below is generated by plot.py at 2018-08-22 16:16:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 907.98 Mbit/s  
95th percentile per-packet one-way delay: 4.491 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 907.98 Mbit/s  
95th percentile per-packet one-way delay: 4.491 ms  
Loss rate: 0.07%



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



Run 8: Statistics of FillP

Start at: 2018-08-22 14:06:54

End at: 2018-08-22 14:07:24

Local clock offset: -3.386 ms

Remote clock offset: 3.992 ms

# Below is generated by plot.py at 2018-08-22 16:16:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 939.37 Mbit/s

95th percentile per-packet one-way delay: 7.945 ms

Loss rate: 0.11%

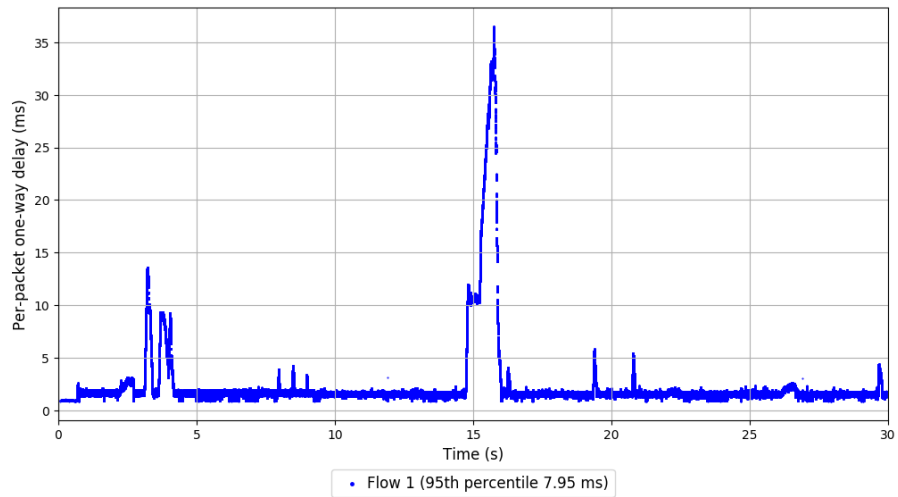
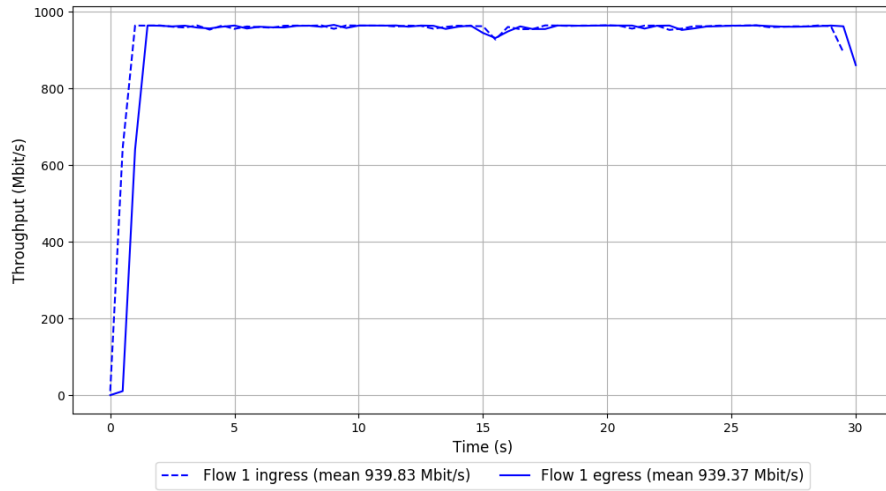
-- Flow 1:

Average throughput: 939.37 Mbit/s

95th percentile per-packet one-way delay: 7.945 ms

Loss rate: 0.11%

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



Run 9: Statistics of FillP

Start at: 2018-08-22 14:32:57

End at: 2018-08-22 14:33:27

Local clock offset: -2.184 ms

Remote clock offset: 0.957 ms

# Below is generated by plot.py at 2018-08-22 16:24:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 880.08 Mbit/s

95th percentile per-packet one-way delay: 37.320 ms

Loss rate: 1.87%

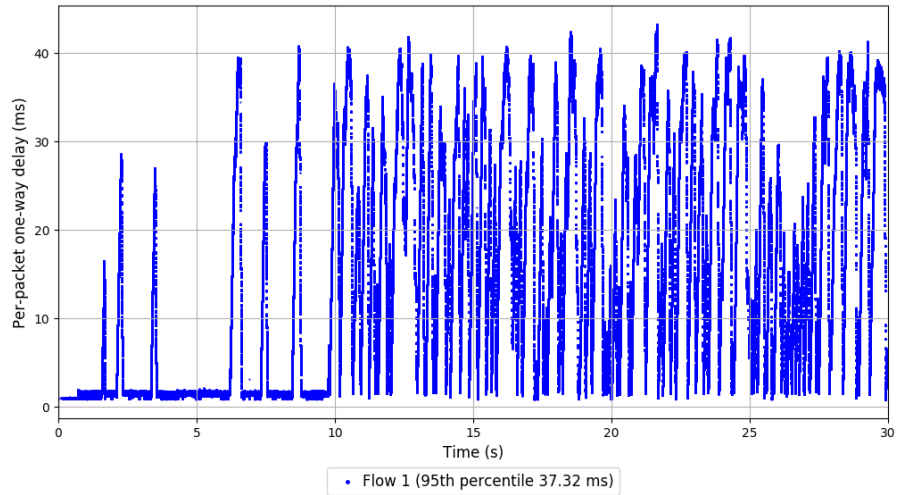
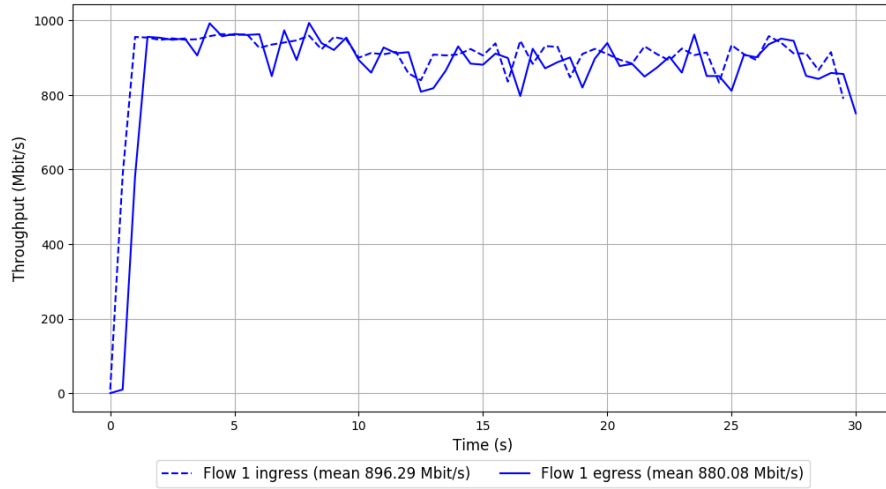
-- Flow 1:

Average throughput: 880.08 Mbit/s

95th percentile per-packet one-way delay: 37.320 ms

Loss rate: 1.87%

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



Run 10: Statistics of FillP

Start at: 2018-08-22 14:58:57  
End at: 2018-08-22 14:59:27  
Local clock offset: 0.784 ms  
Remote clock offset: -0.395 ms

# Below is generated by plot.py at 2018-08-22 16:24:58

# Datalink statistics

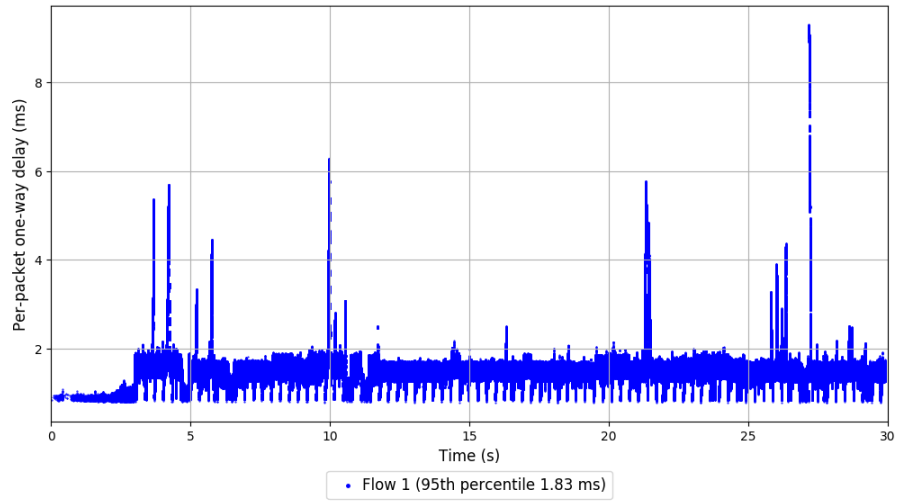
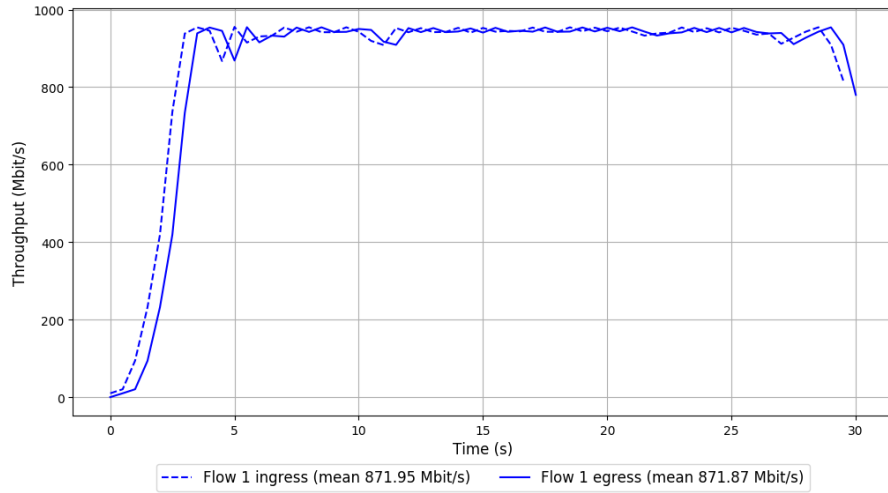
-- Total of 1 flow:

Average throughput: 871.87 Mbit/s  
95th percentile per-packet one-way delay: 1.827 ms  
Loss rate: 0.07%

-- Flow 1:

Average throughput: 871.87 Mbit/s  
95th percentile per-packet one-way delay: 1.827 ms  
Loss rate: 0.07%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-08-22 11:04:21

End at: 2018-08-22 11:04:51

Local clock offset: 1.085 ms

Remote clock offset: -3.84 ms

# Below is generated by plot.py at 2018-08-22 16:27:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 921.17 Mbit/s

95th percentile per-packet one-way delay: 1.945 ms

Loss rate: 0.07%

-- Flow 1:

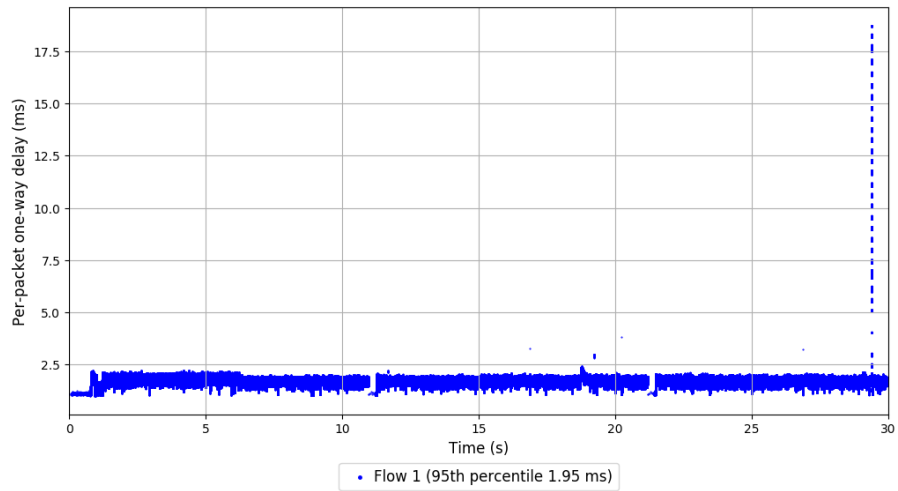
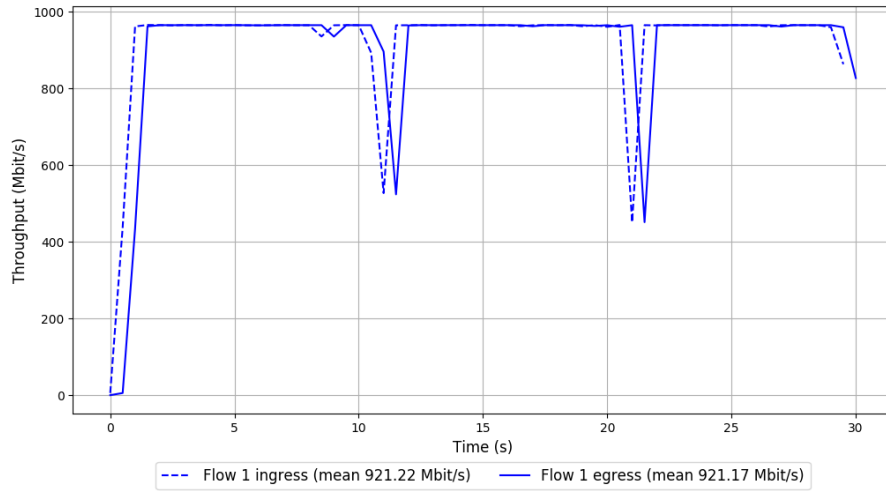
Average throughput: 921.17 Mbit/s

95th percentile per-packet one-way delay: 1.945 ms

Loss rate: 0.07%



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



Run 2: Statistics of FillP-Sheep

Start at: 2018-08-22 11:30:13

End at: 2018-08-22 11:30:43

Local clock offset: 0.761 ms

Remote clock offset: -3.066 ms

# Below is generated by plot.py at 2018-08-22 16:28:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 937.97 Mbit/s

95th percentile per-packet one-way delay: 2.121 ms

Loss rate: 0.07%

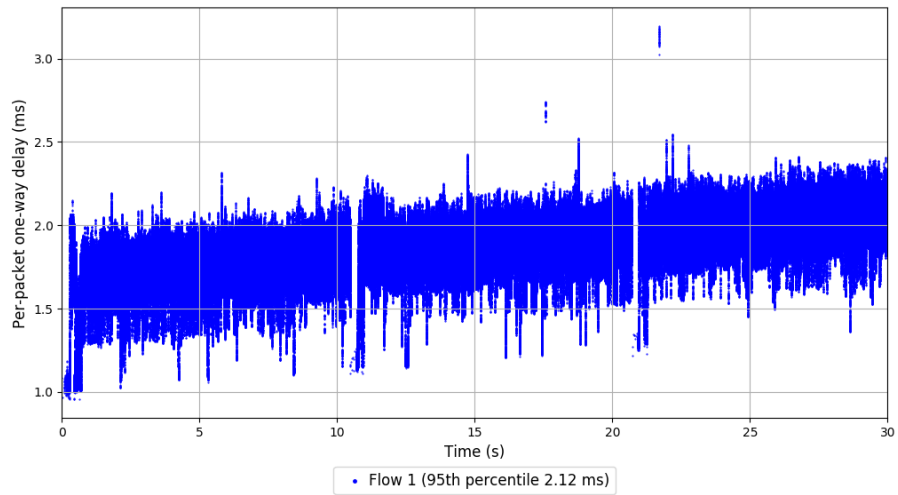
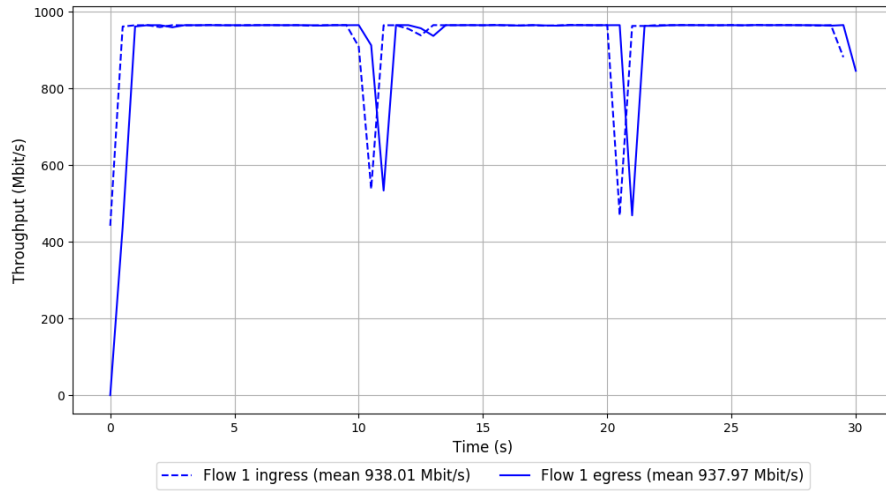
-- Flow 1:

Average throughput: 937.97 Mbit/s

95th percentile per-packet one-way delay: 2.121 ms

Loss rate: 0.07%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-08-22 11:55:56

End at: 2018-08-22 11:56:26

Local clock offset: 0.577 ms

Remote clock offset: 5.754 ms

# Below is generated by plot.py at 2018-08-22 16:28:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 853.07 Mbit/s

95th percentile per-packet one-way delay: 41.333 ms

Loss rate: 6.31%

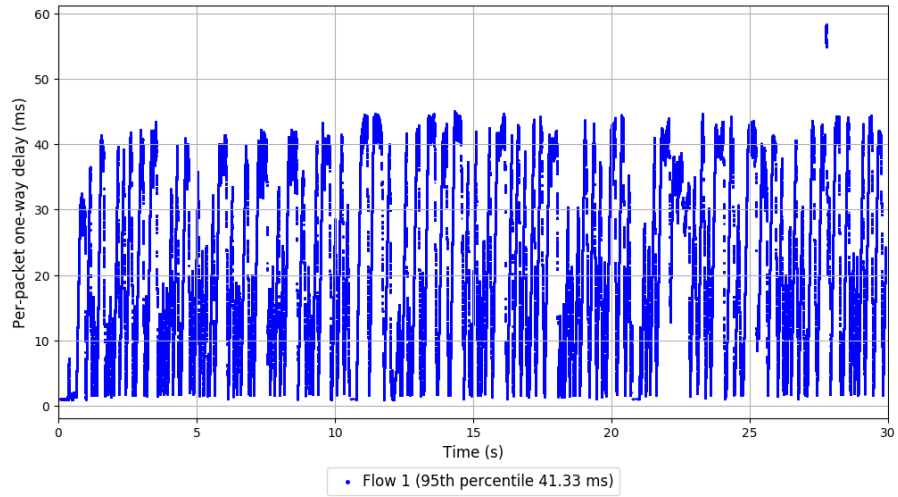
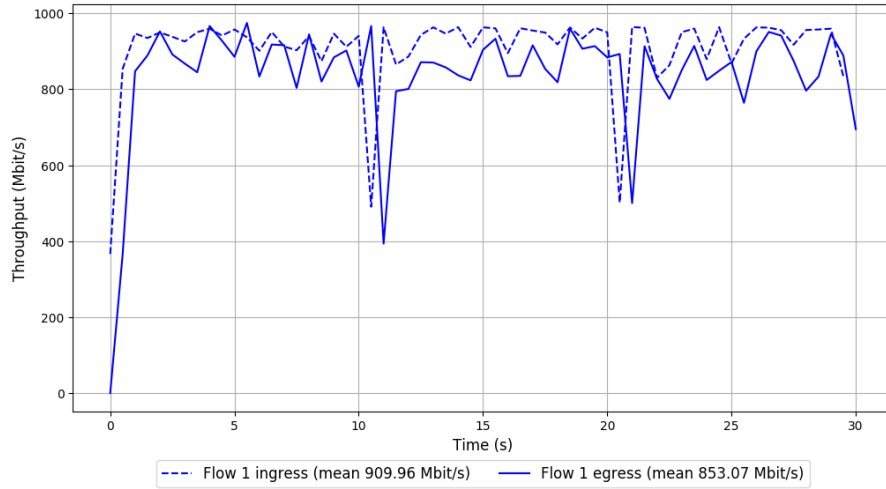
-- Flow 1:

Average throughput: 853.07 Mbit/s

95th percentile per-packet one-way delay: 41.333 ms

Loss rate: 6.31%

### Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

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

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

Local clock offset: 0.604 ms

Remote clock offset: 1.176 ms

# Below is generated by plot.py at 2018-08-22 16:28:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 935.71 Mbit/s

95th percentile per-packet one-way delay: 2.617 ms

Loss rate: 0.07%

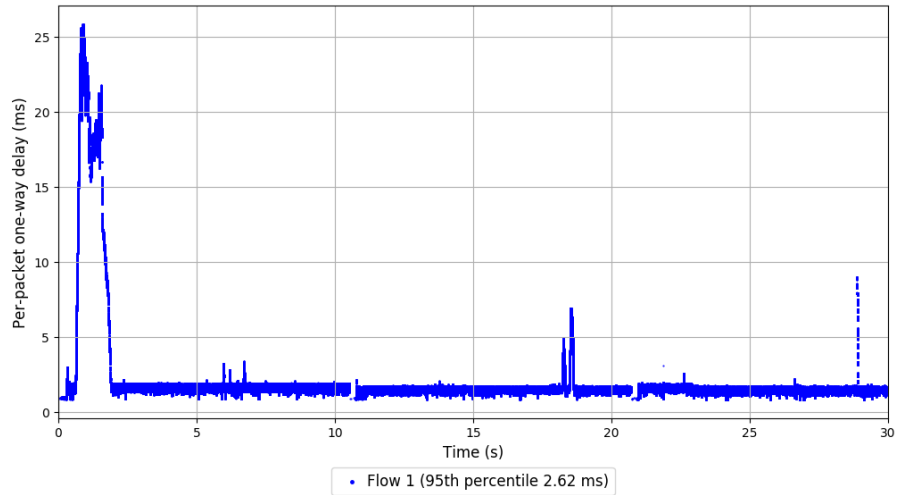
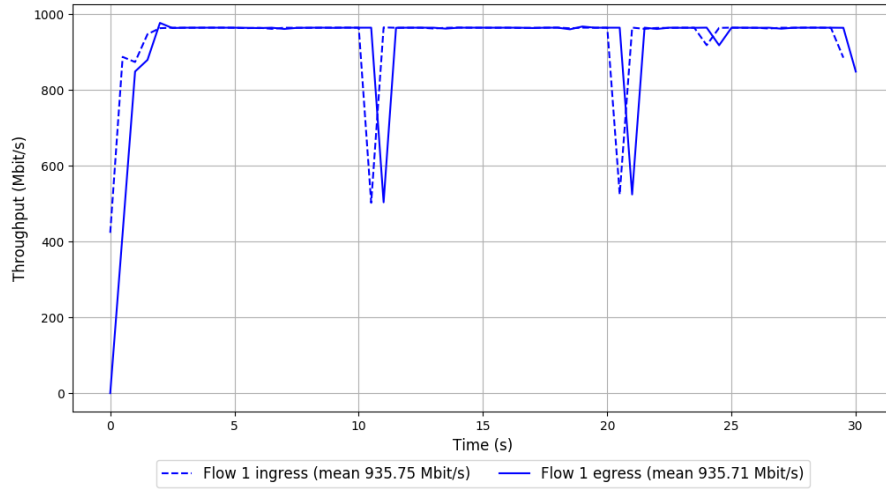
-- Flow 1:

Average throughput: 935.71 Mbit/s

95th percentile per-packet one-way delay: 2.617 ms

Loss rate: 0.07%

### Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-08-22 12:47:41

End at: 2018-08-22 12:48:11

Local clock offset: -1.802 ms

Remote clock offset: 2.418 ms

# Below is generated by plot.py at 2018-08-22 16:29:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 924.35 Mbit/s

95th percentile per-packet one-way delay: 3.512 ms

Loss rate: 0.07%

-- Flow 1:

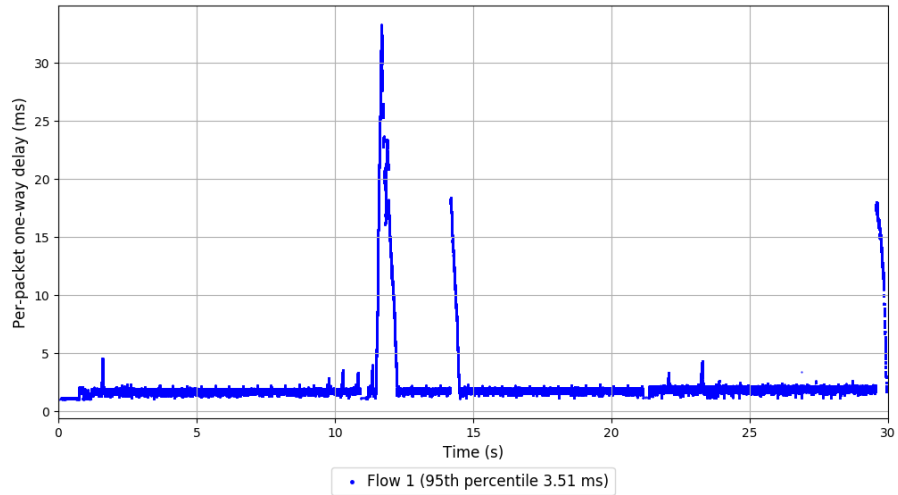
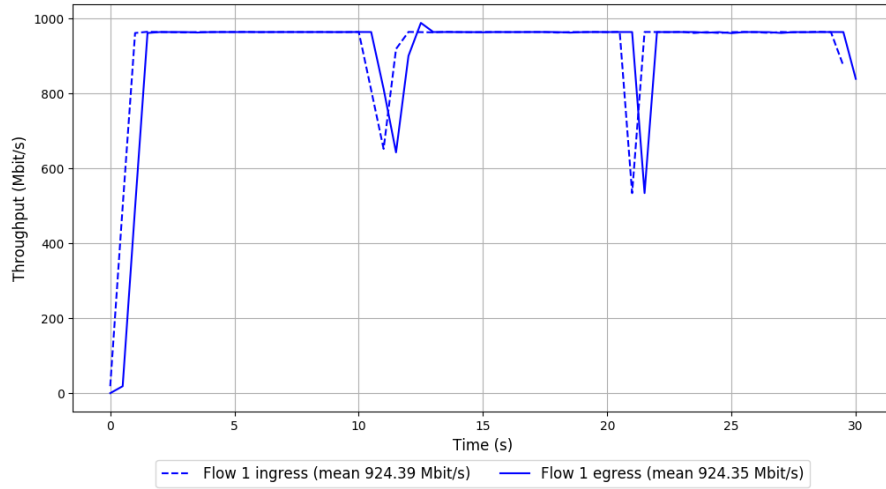
Average throughput: 924.35 Mbit/s

95th percentile per-packet one-way delay: 3.512 ms

Loss rate: 0.07%



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



Run 6: Statistics of FillP-Sheep

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

End at: 2018-08-22 13:14:00

Local clock offset: -1.29 ms

Remote clock offset: 3.625 ms

# Below is generated by plot.py at 2018-08-22 16:29:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 839.42 Mbit/s

95th percentile per-packet one-way delay: 40.273 ms

Loss rate: 6.85%

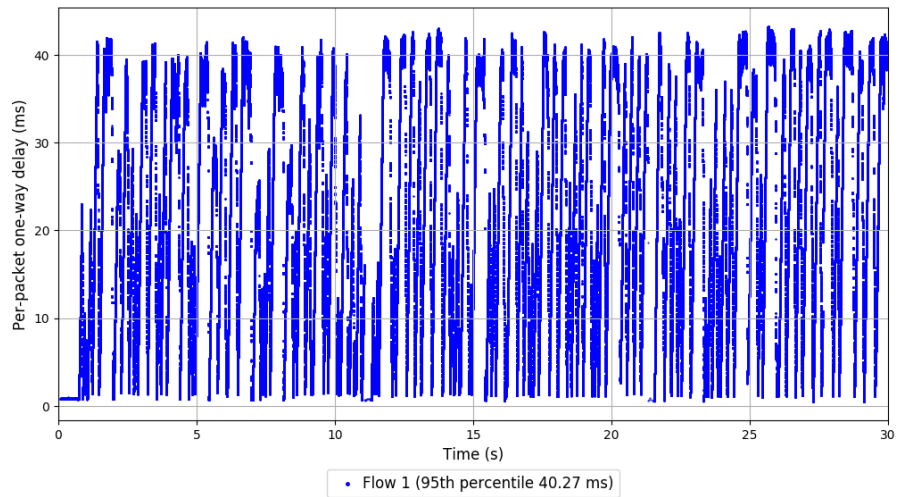
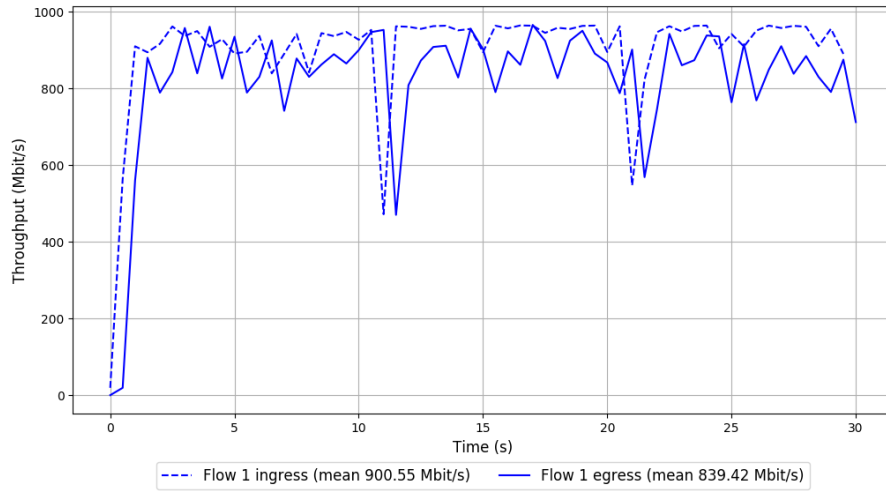
-- Flow 1:

Average throughput: 839.42 Mbit/s

95th percentile per-packet one-way delay: 40.273 ms

Loss rate: 6.85%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-08-22 13:39:24

End at: 2018-08-22 13:39:54

Local clock offset: -0.217 ms

Remote clock offset: -0.44 ms

# Below is generated by plot.py at 2018-08-22 16:38:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 923.17 Mbit/s

95th percentile per-packet one-way delay: 2.245 ms

Loss rate: 0.07%

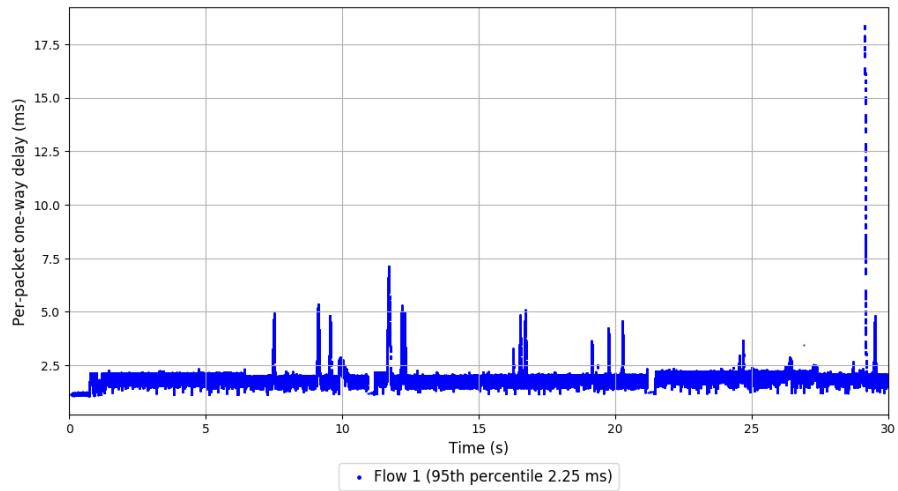
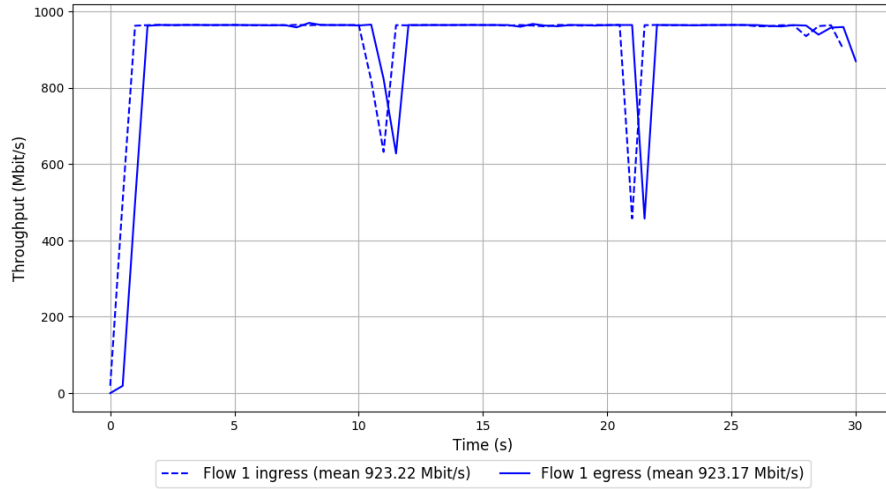
-- Flow 1:

Average throughput: 923.17 Mbit/s

95th percentile per-packet one-way delay: 2.245 ms

Loss rate: 0.07%

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



Run 8: Statistics of FillP-Sheep

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

End at: 2018-08-22 14:05:43

Local clock offset: -3.24 ms

Remote clock offset: 3.816 ms

# Below is generated by plot.py at 2018-08-22 16:38:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 924.02 Mbit/s

95th percentile per-packet one-way delay: 7.334 ms

Loss rate: 0.07%

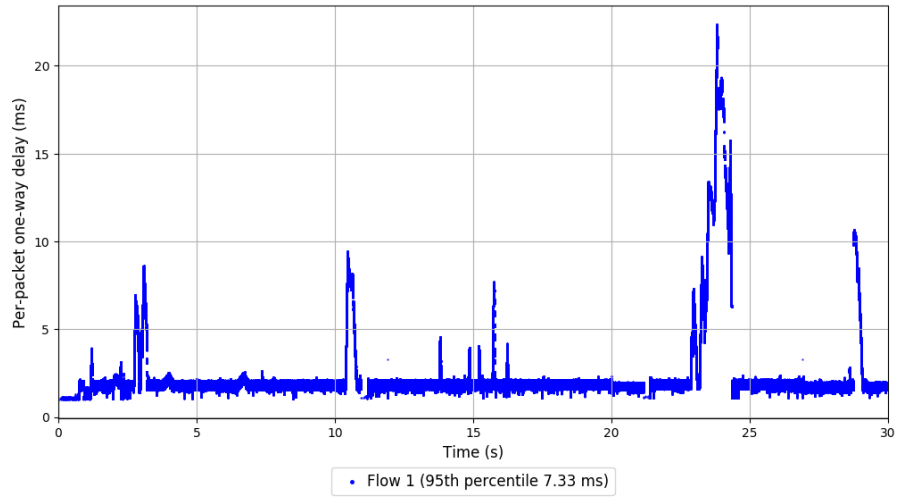
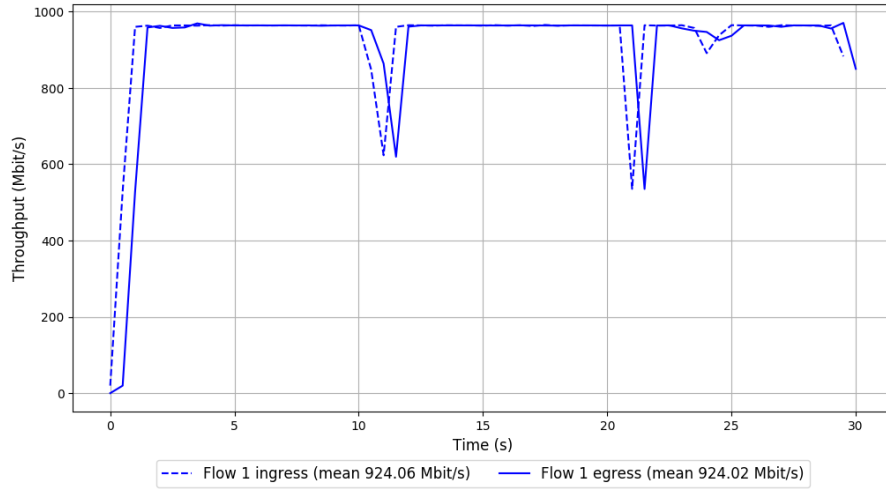
-- Flow 1:

Average throughput: 924.02 Mbit/s

95th percentile per-packet one-way delay: 7.334 ms

Loss rate: 0.07%

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



Run 9: Statistics of FillP-Sheep

Start at: 2018-08-22 14:31:15

End at: 2018-08-22 14:31:45

Local clock offset: -2.197 ms

Remote clock offset: 1.296 ms

# Below is generated by plot.py at 2018-08-22 16:40:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 936.31 Mbit/s

95th percentile per-packet one-way delay: 1.722 ms

Loss rate: 0.06%

-- Flow 1:

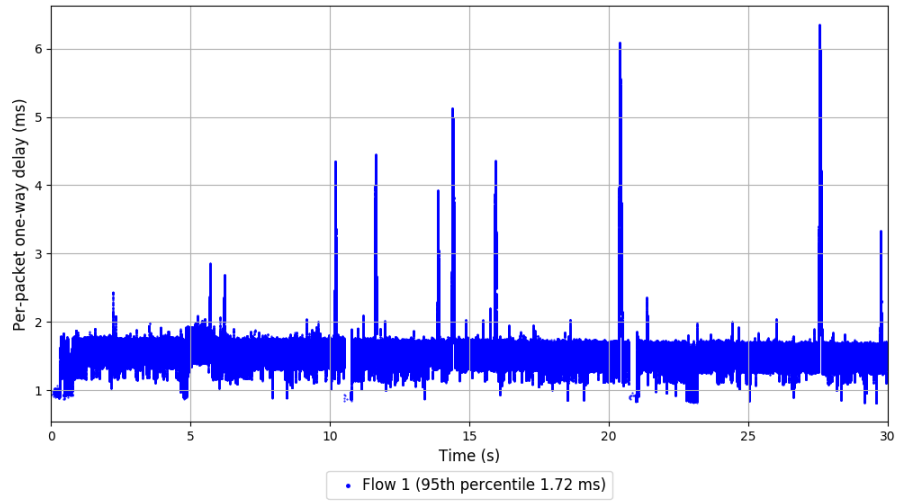
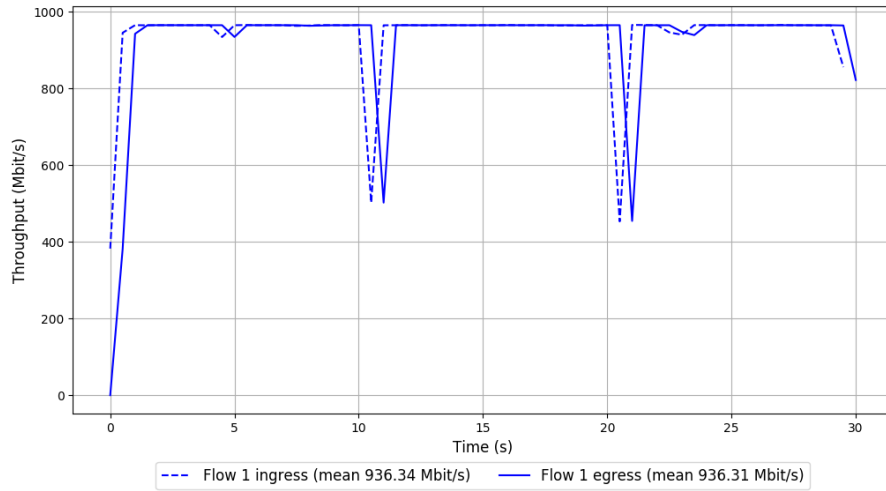
Average throughput: 936.31 Mbit/s

95th percentile per-packet one-way delay: 1.722 ms

Loss rate: 0.06%



Run 9: Report of FillP-Sheep — Data Link

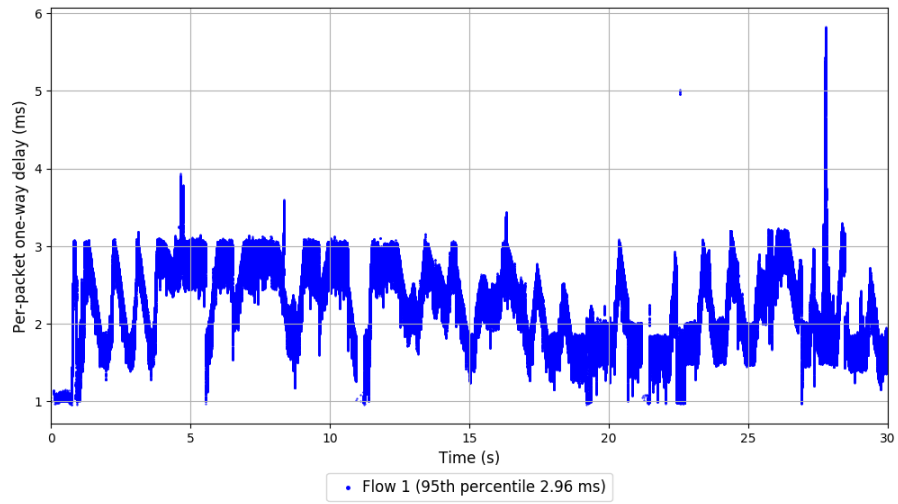
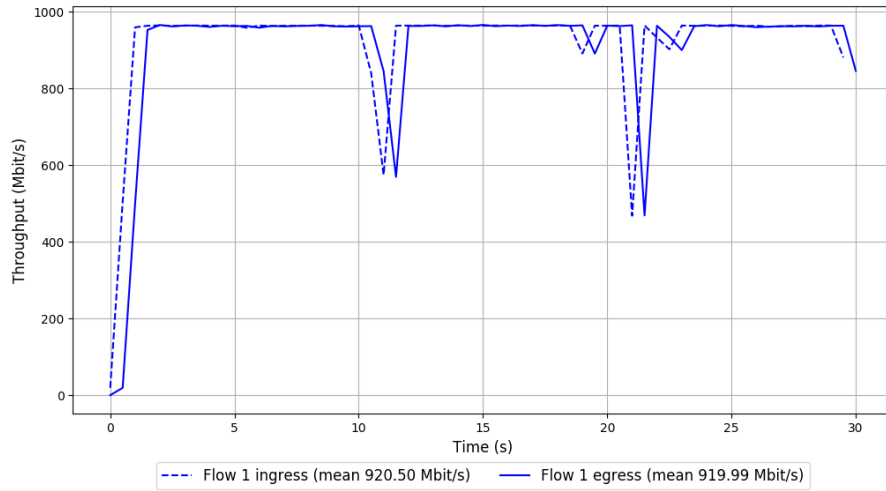


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-22 14:57:15  
End at: 2018-08-22 14:57:45  
Local clock offset: 0.765 ms  
Remote clock offset: -0.468 ms

# Below is generated by plot.py at 2018-08-22 16:40:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 919.99 Mbit/s  
95th percentile per-packet one-way delay: 2.960 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 919.99 Mbit/s  
95th percentile per-packet one-way delay: 2.960 ms  
Loss rate: 0.12%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-08-22 11:24:12

End at: 2018-08-22 11:24:42

Local clock offset: 0.784 ms

Remote clock offset: -3.327 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 195.43 Mbit/s

95th percentile per-packet one-way delay: 1.096 ms

Loss rate: 0.06%

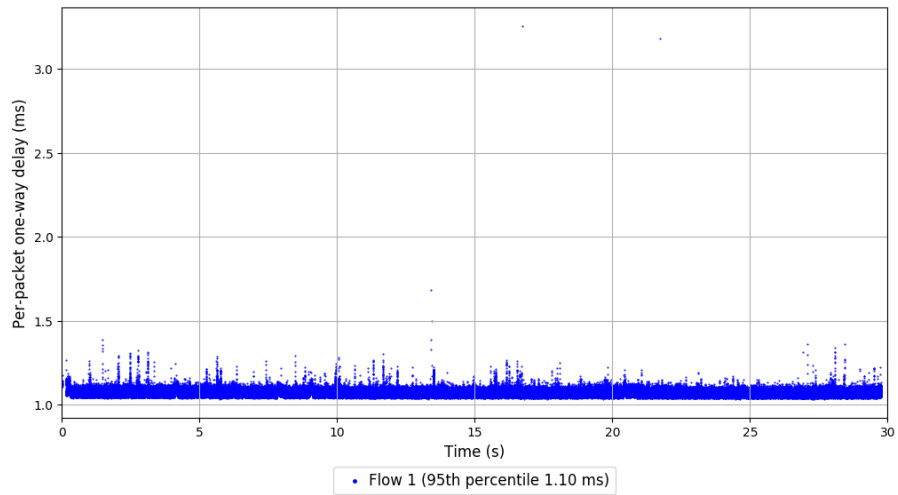
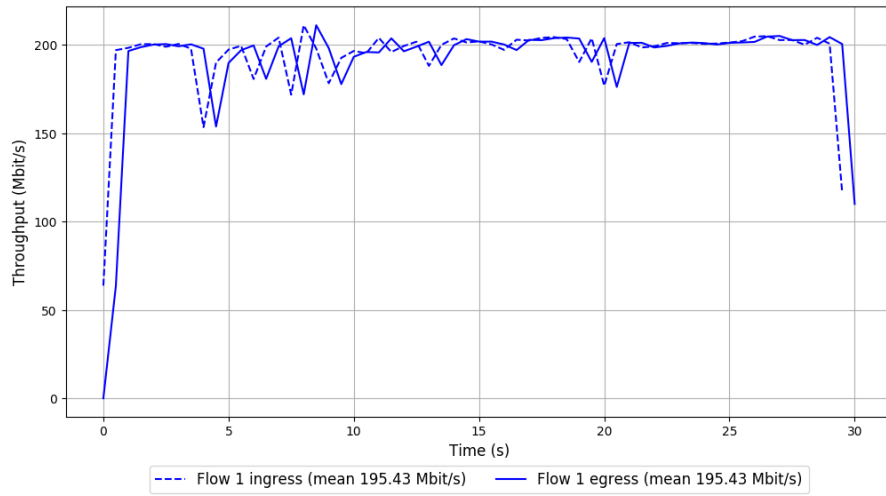
-- Flow 1:

Average throughput: 195.43 Mbit/s

95th percentile per-packet one-way delay: 1.096 ms

Loss rate: 0.06%

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



Run 2: Statistics of Indigo

Start at: 2018-08-22 11:50:04

End at: 2018-08-22 11:50:34

Local clock offset: 0.668 ms

Remote clock offset: 4.69 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 192.36 Mbit/s

95th percentile per-packet one-way delay: 1.243 ms

Loss rate: 0.07%

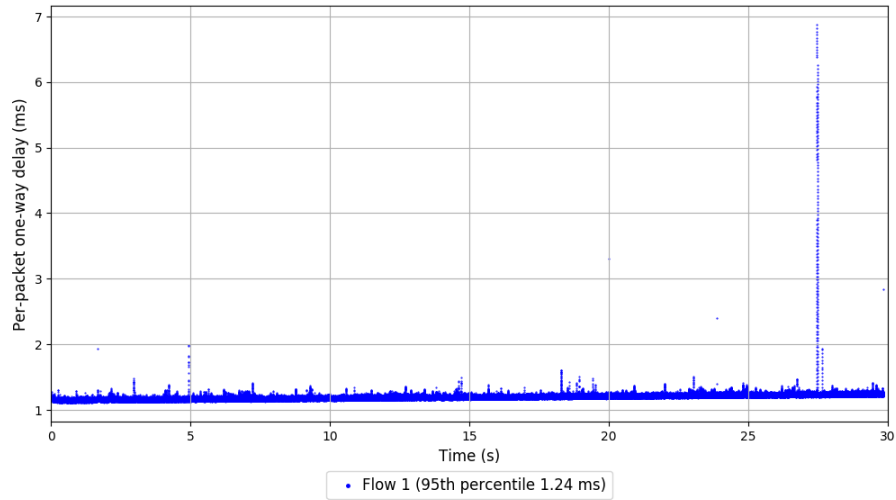
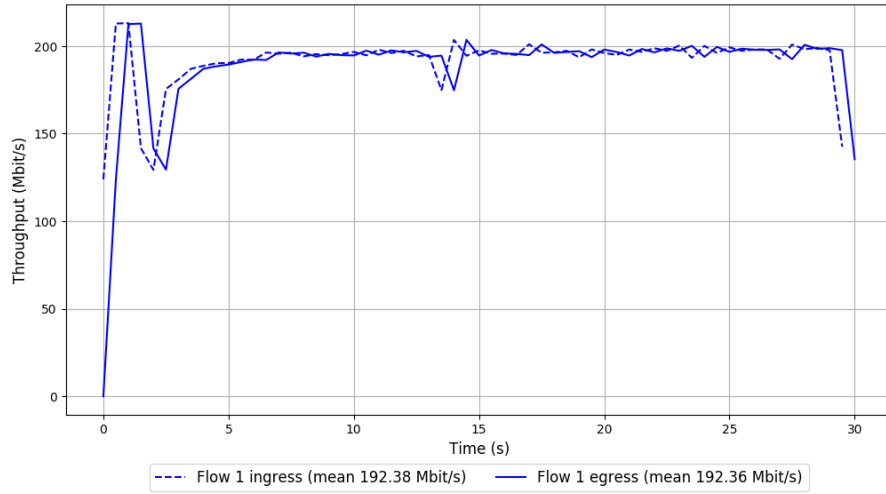
-- Flow 1:

Average throughput: 192.36 Mbit/s

95th percentile per-packet one-way delay: 1.243 ms

Loss rate: 0.07%

## Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-08-22 12:15:44

End at: 2018-08-22 12:16:14

Local clock offset: 0.615 ms

Remote clock offset: 1.955 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 202.06 Mbit/s

95th percentile per-packet one-way delay: 0.989 ms

Loss rate: 0.06%

-- Flow 1:

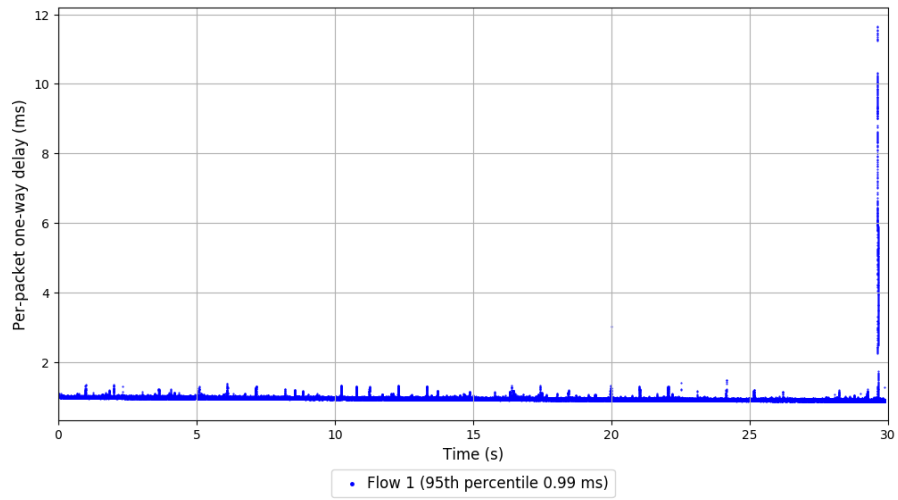
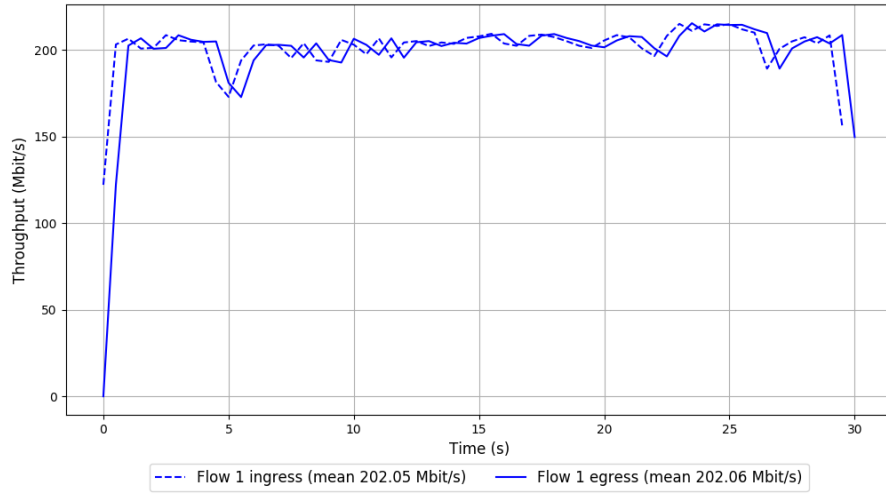
Average throughput: 202.06 Mbit/s

95th percentile per-packet one-way delay: 0.989 ms

Loss rate: 0.06%



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



Run 4: Statistics of Indigo

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

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

Local clock offset: -0.809 ms

Remote clock offset: 1.372 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 203.59 Mbit/s

95th percentile per-packet one-way delay: 1.298 ms

Loss rate: 0.07%

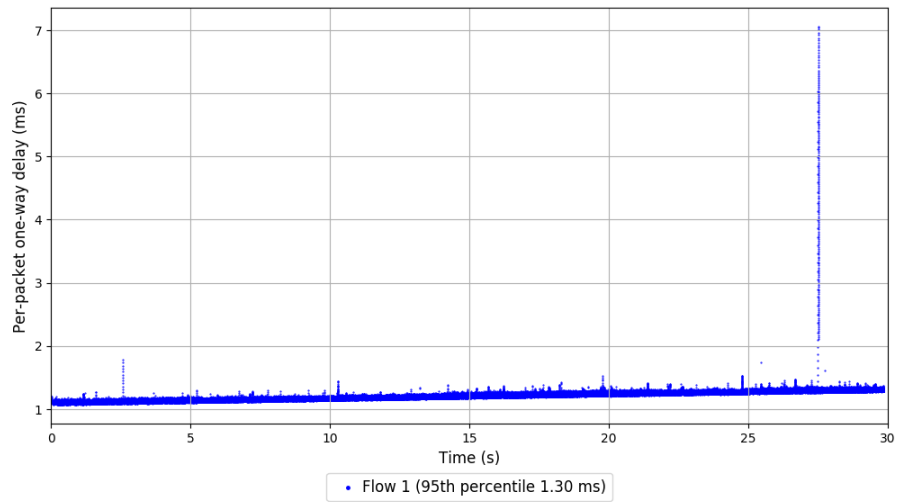
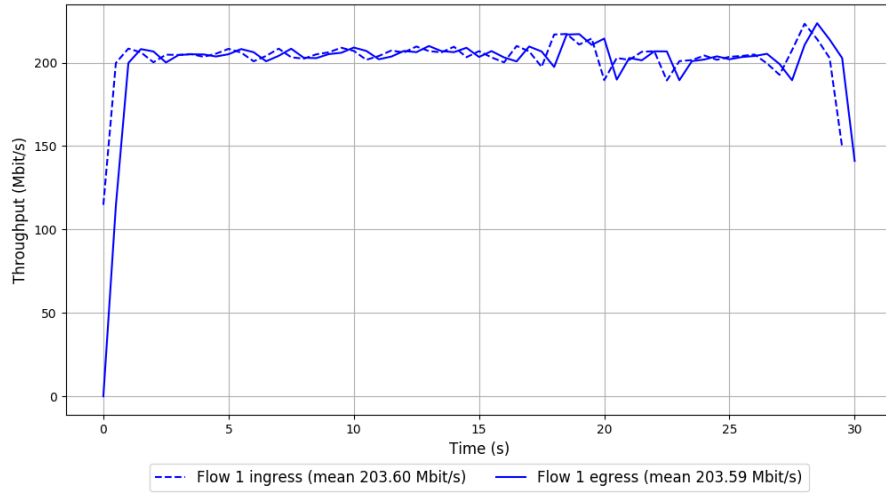
-- Flow 1:

Average throughput: 203.59 Mbit/s

95th percentile per-packet one-way delay: 1.298 ms

Loss rate: 0.07%

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



Run 5: Statistics of Indigo

Start at: 2018-08-22 13:07:38

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

Local clock offset: -3.21 ms

Remote clock offset: 3.887 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 199.45 Mbit/s

95th percentile per-packet one-way delay: 0.710 ms

Loss rate: 0.07%

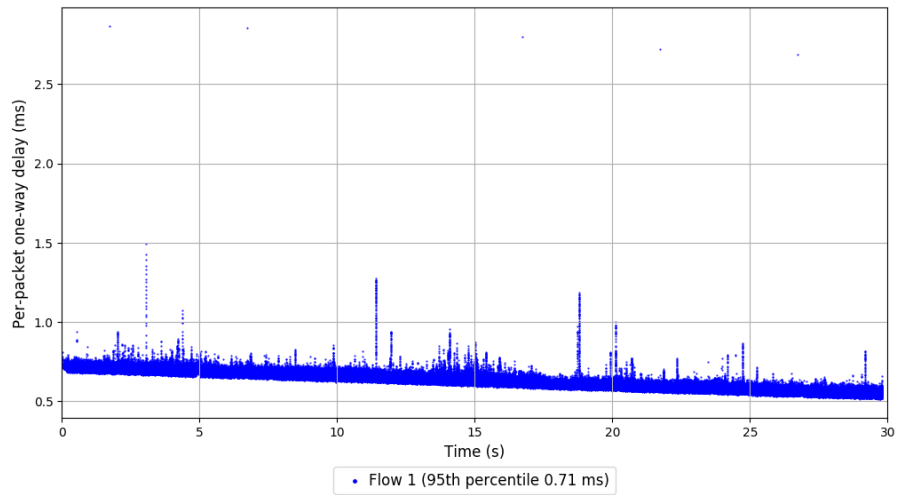
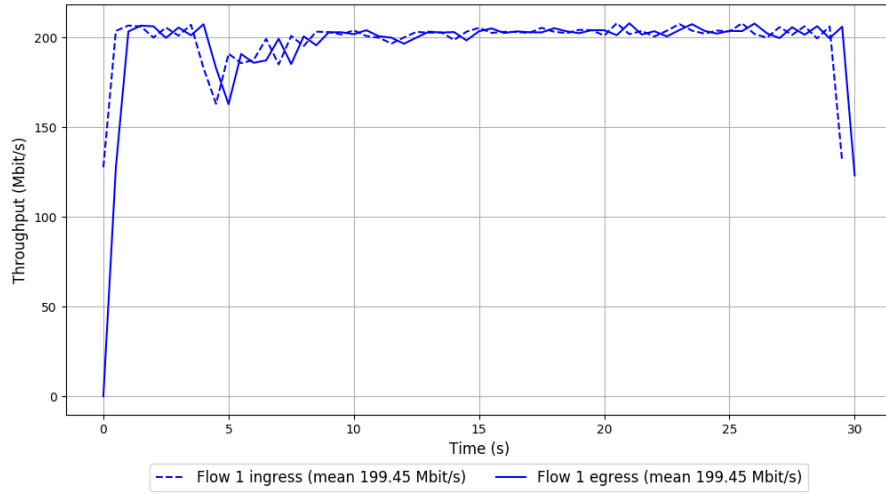
-- Flow 1:

Average throughput: 199.45 Mbit/s

95th percentile per-packet one-way delay: 0.710 ms

Loss rate: 0.07%

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



Run 6: Statistics of Indigo

Start at: 2018-08-22 13:33:21

End at: 2018-08-22 13:33:51

Local clock offset: 0.549 ms

Remote clock offset: -0.106 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 195.35 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.06%

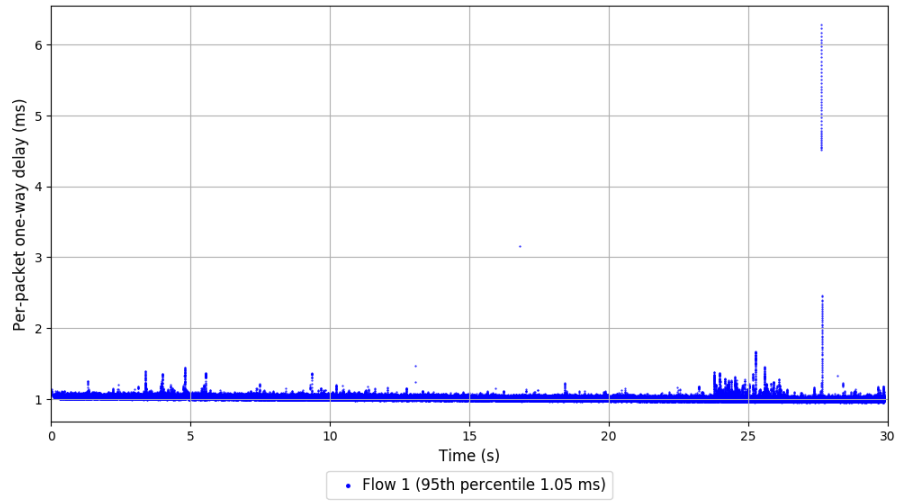
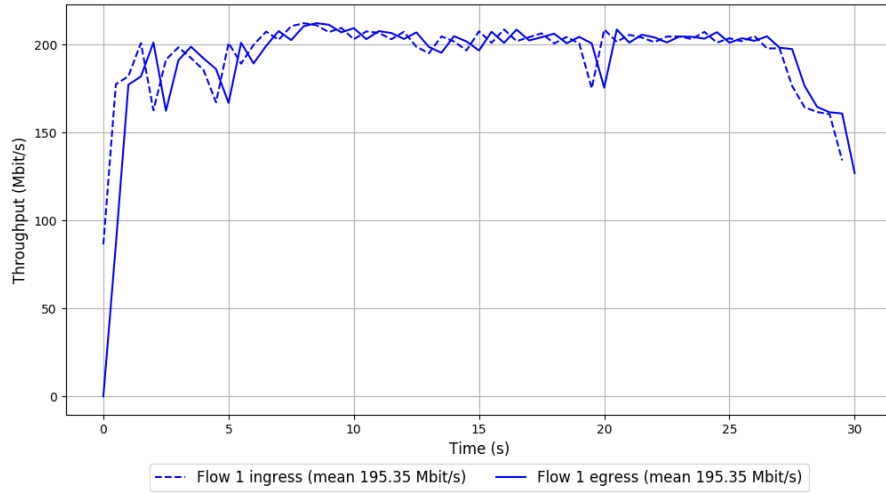
-- Flow 1:

Average throughput: 195.35 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.06%

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



Run 7: Statistics of Indigo

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

End at: 2018-08-22 13:59:38

Local clock offset: -2.961 ms

Remote clock offset: 2.96 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 199.87 Mbit/s

95th percentile per-packet one-way delay: 1.202 ms

Loss rate: 0.08%

-- Flow 1:

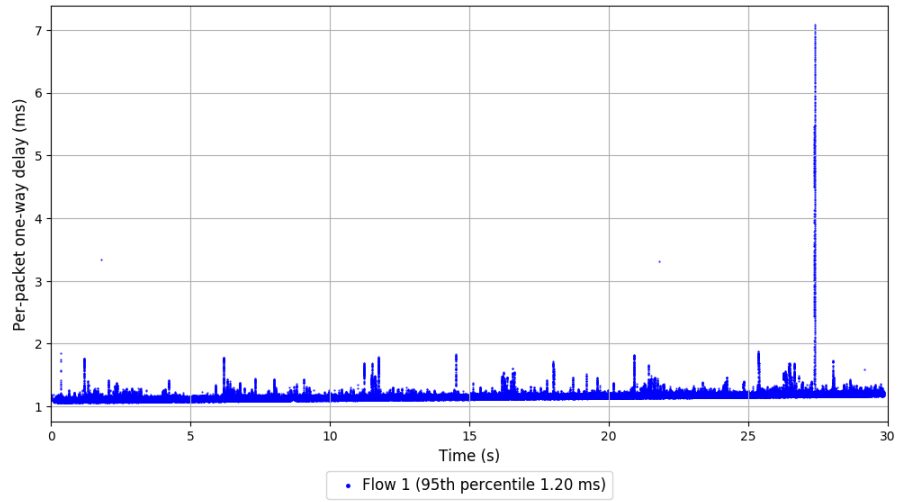
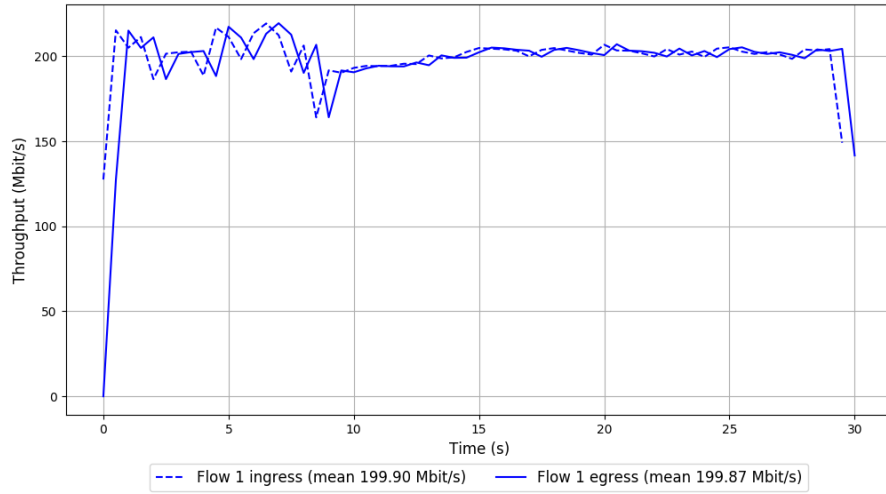
Average throughput: 199.87 Mbit/s

95th percentile per-packet one-way delay: 1.202 ms

Loss rate: 0.08%



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



Run 8: Statistics of Indigo

Start at: 2018-08-22 14:25:12

End at: 2018-08-22 14:25:42

Local clock offset: -2.163 ms

Remote clock offset: 2.956 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 201.14 Mbit/s

95th percentile per-packet one-way delay: 0.994 ms

Loss rate: 0.07%

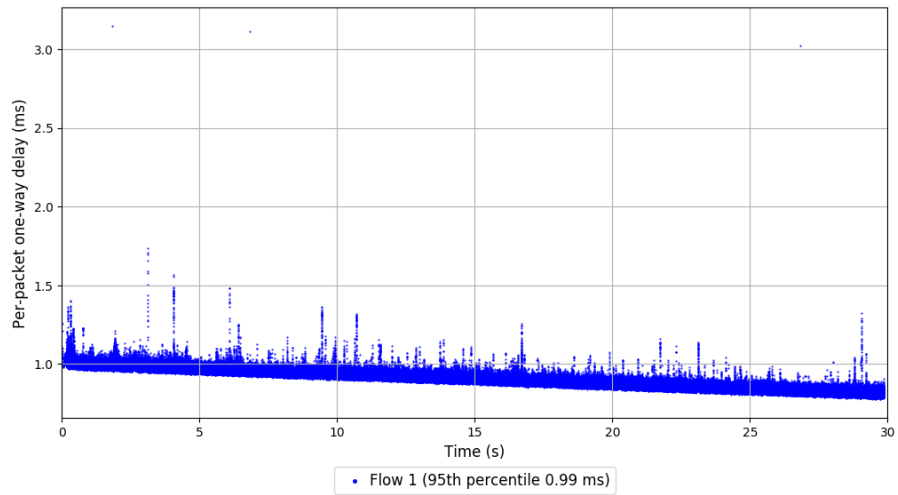
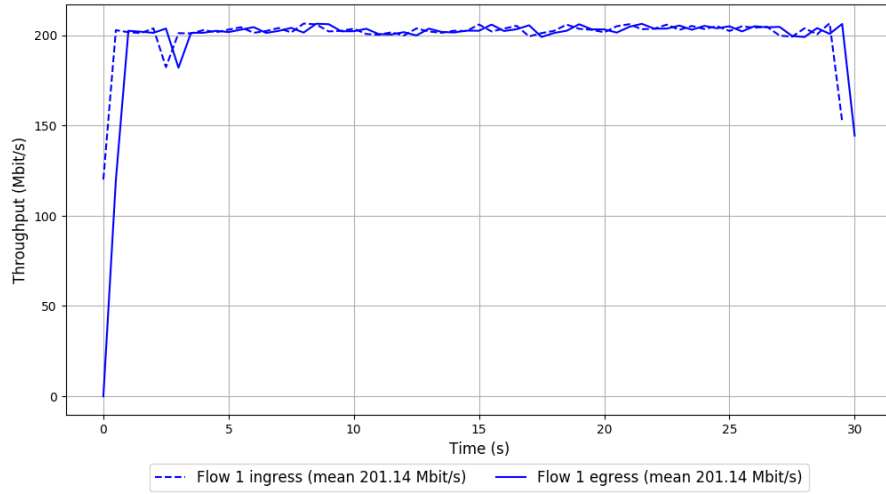
-- Flow 1:

Average throughput: 201.14 Mbit/s

95th percentile per-packet one-way delay: 0.994 ms

Loss rate: 0.07%

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



Run 9: Statistics of Indigo

Start at: 2018-08-22 14:51:14

End at: 2018-08-22 14:51:44

Local clock offset: 0.346 ms

Remote clock offset: -0.395 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 201.53 Mbit/s

95th percentile per-packet one-way delay: 1.030 ms

Loss rate: 0.06%

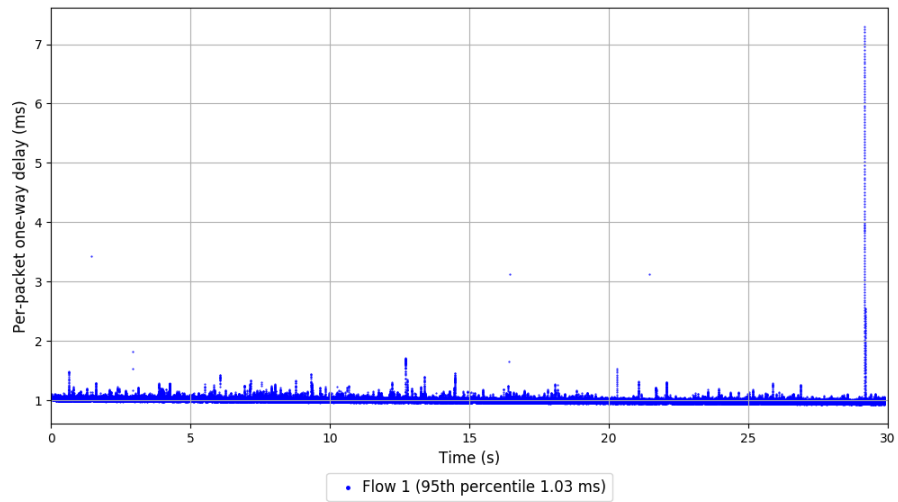
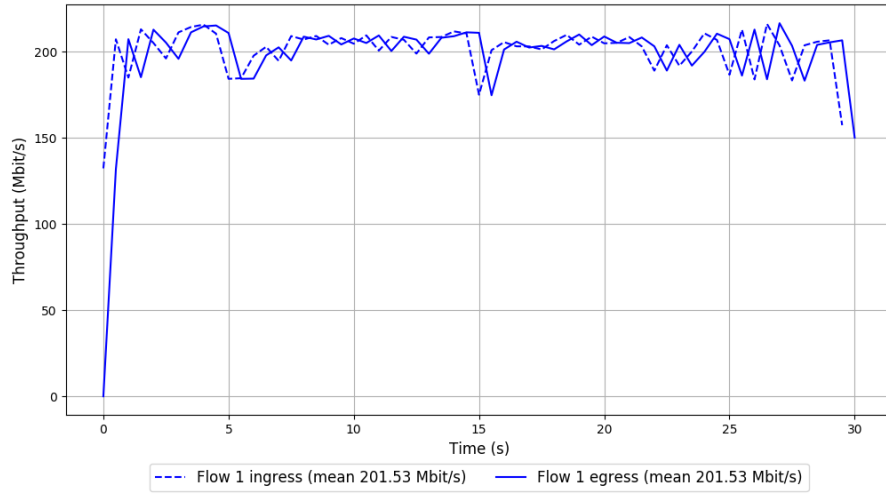
-- Flow 1:

Average throughput: 201.53 Mbit/s

95th percentile per-packet one-way delay: 1.030 ms

Loss rate: 0.06%

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



Run 10: Statistics of Indigo

Start at: 2018-08-22 15:17:12

End at: 2018-08-22 15:17:42

Local clock offset: 1.045 ms

Remote clock offset: -0.529 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 197.24 Mbit/s

95th percentile per-packet one-way delay: 1.081 ms

Loss rate: 0.07%

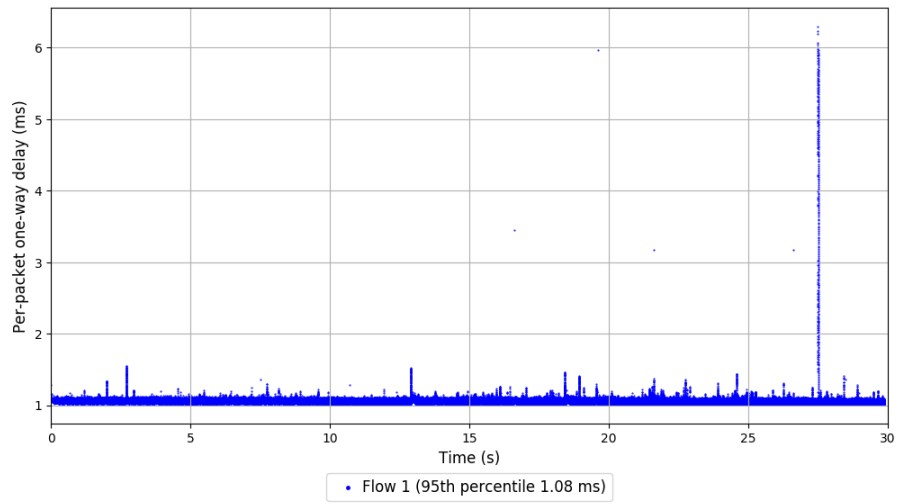
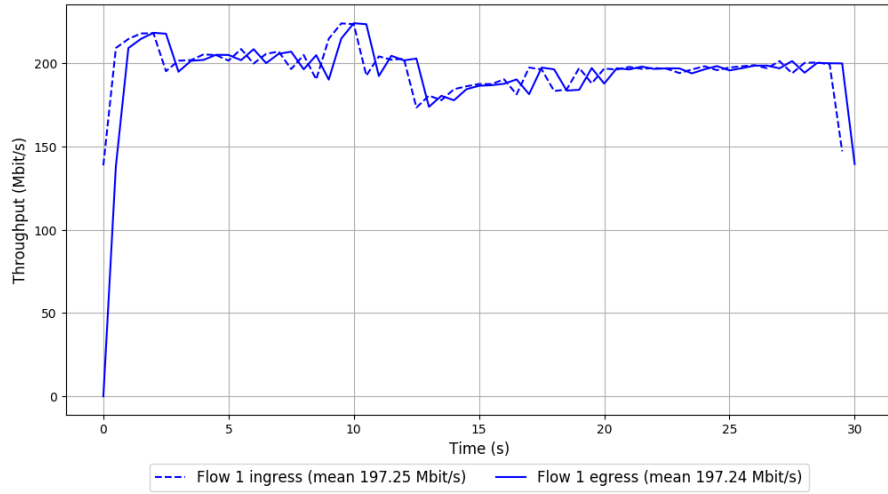
-- Flow 1:

Average throughput: 197.24 Mbit/s

95th percentile per-packet one-way delay: 1.081 ms

Loss rate: 0.07%

Run 10: Report of Indigo — Data Link



Run 1: Statistics of LEDBAT

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

End at: 2018-08-22 11:09:39

Local clock offset: 1.026 ms

Remote clock offset: -3.574 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 400.62 Mbit/s

95th percentile per-packet one-way delay: 1.259 ms

Loss rate: 0.07%

-- Flow 1:

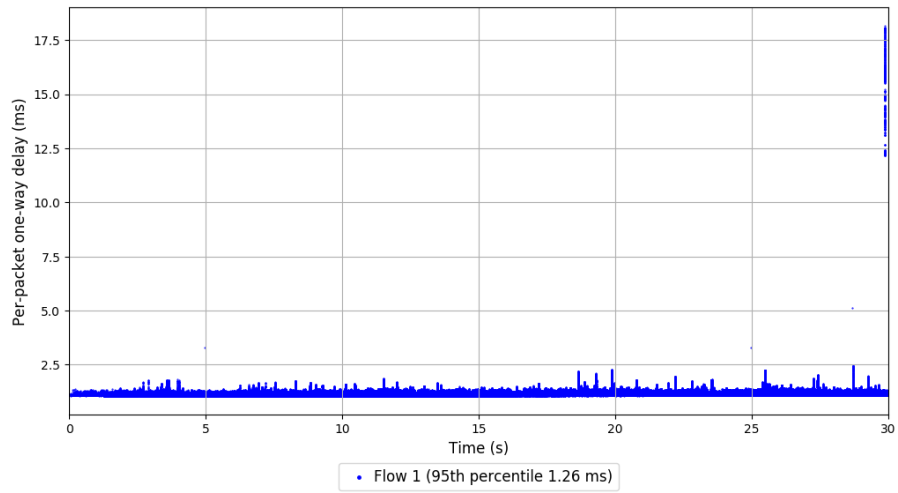
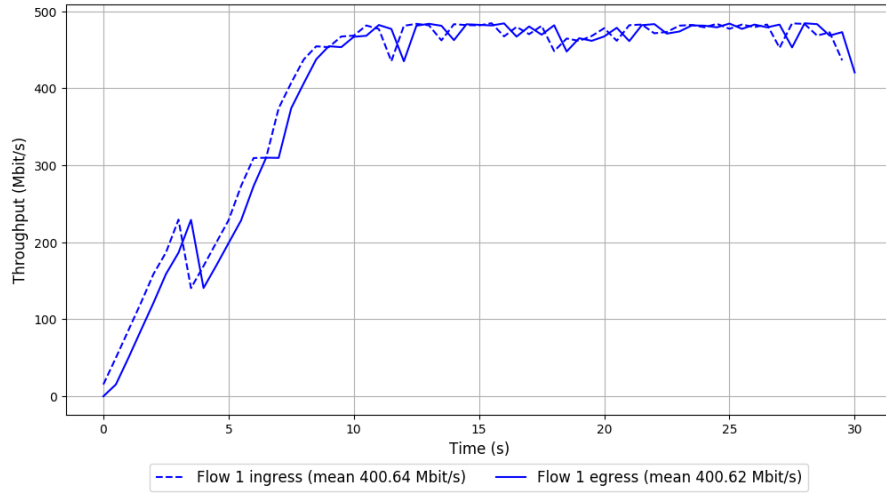
Average throughput: 400.62 Mbit/s

95th percentile per-packet one-way delay: 1.259 ms

Loss rate: 0.07%



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



Run 2: Statistics of LEDBAT

Start at: 2018-08-22 11:35:04

End at: 2018-08-22 11:35:34

Local clock offset: 0.93 ms

Remote clock offset: 0.132 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 386.72 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.08%

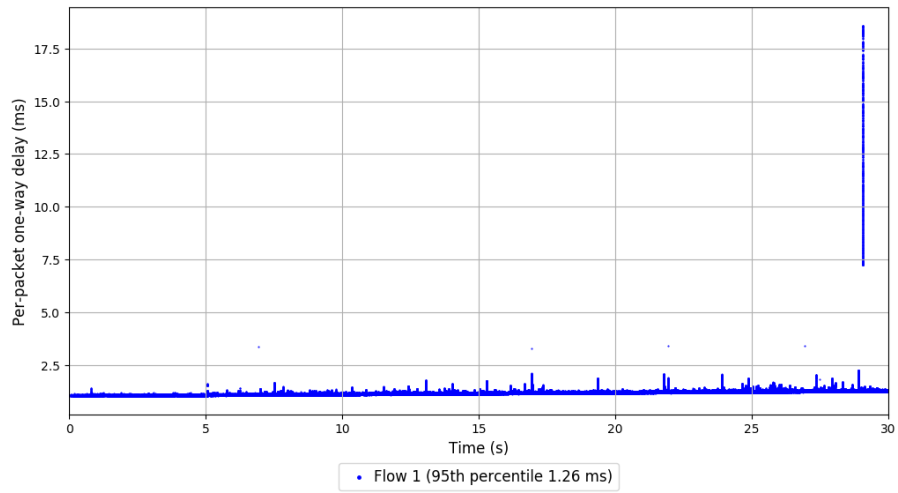
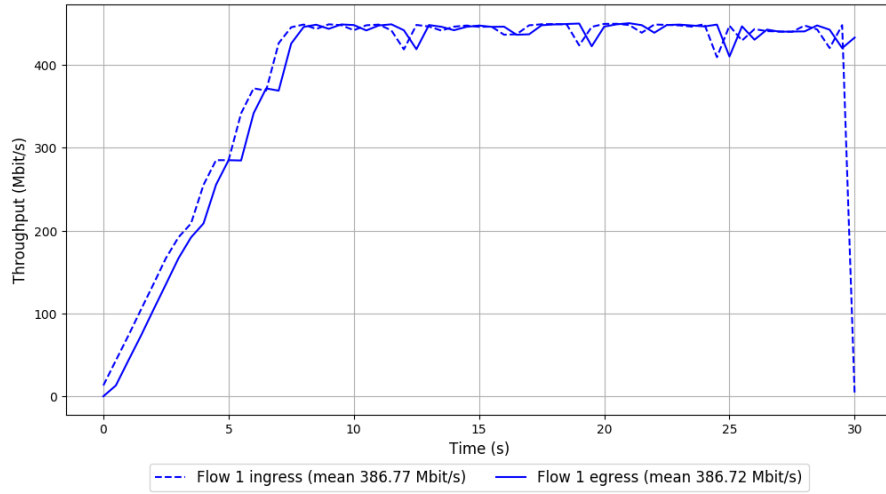
-- Flow 1:

Average throughput: 386.72 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-08-22 12:00:44

End at: 2018-08-22 12:01:14

Local clock offset: 0.569 ms

Remote clock offset: 6.459 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 386.28 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 0.08%

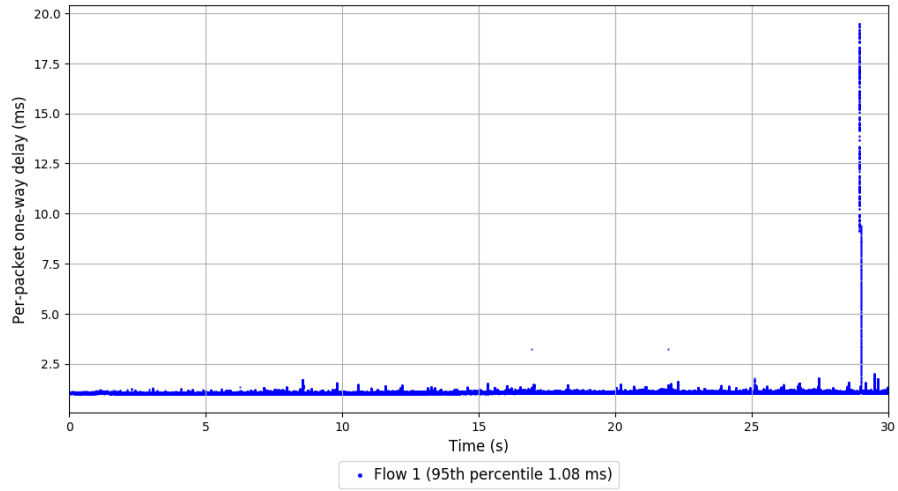
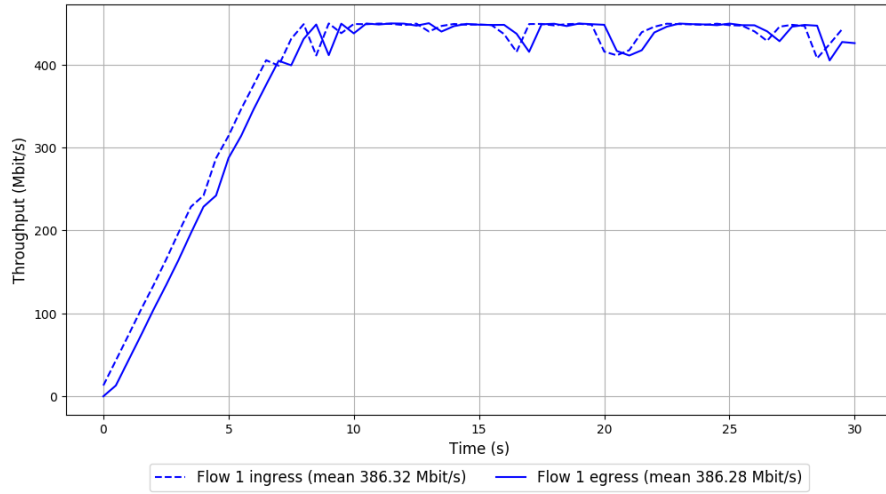
-- Flow 1:

Average throughput: 386.28 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 0.08%

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



Run 4: Statistics of LEDBAT

Start at: 2018-08-22 12:26:29

End at: 2018-08-22 12:26:59

Local clock offset: 0.584 ms

Remote clock offset: 0.735 ms

# Below is generated by plot.py at 2018-08-22 16:40:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 390.30 Mbit/s

95th percentile per-packet one-way delay: 1.061 ms

Loss rate: 0.06%

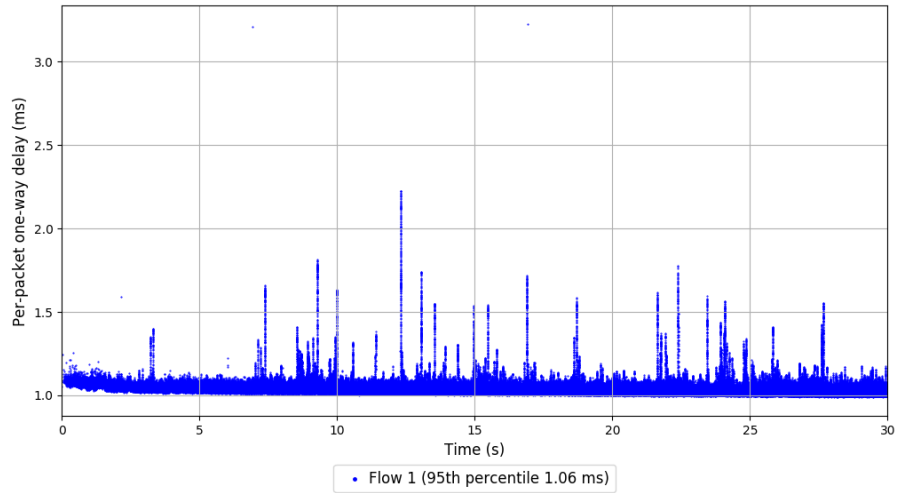
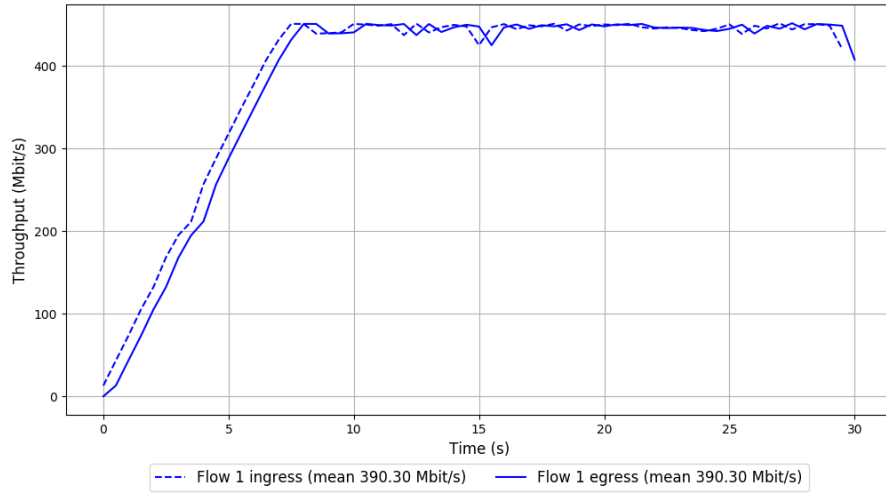
-- Flow 1:

Average throughput: 390.30 Mbit/s

95th percentile per-packet one-way delay: 1.061 ms

Loss rate: 0.06%

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



Run 5: Statistics of LEDBAT

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

End at: 2018-08-22 12:53:05

Local clock offset: -2.368 ms

Remote clock offset: 2.813 ms

# Below is generated by plot.py at 2018-08-22 16:42:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 385.49 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.07%

-- Flow 1:

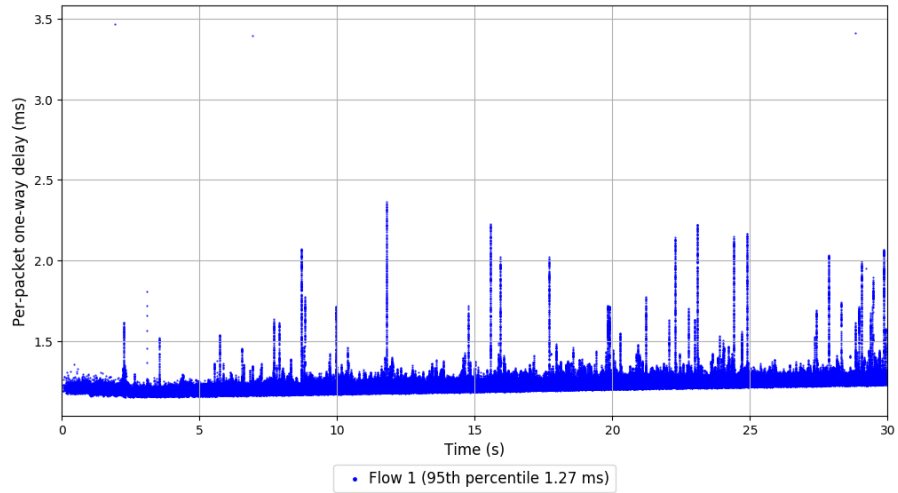
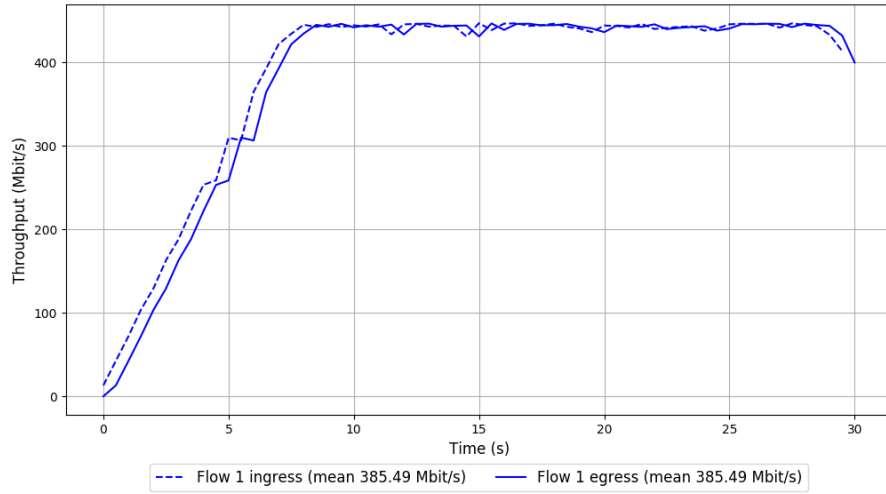
Average throughput: 385.49 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.07%



Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-08-22 13:18:21

End at: 2018-08-22 13:18:51

Local clock offset: -0.468 ms

Remote clock offset: 1.862 ms

# Below is generated by plot.py at 2018-08-22 16:43:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 384.71 Mbit/s

95th percentile per-packet one-way delay: 0.934 ms

Loss rate: 0.08%

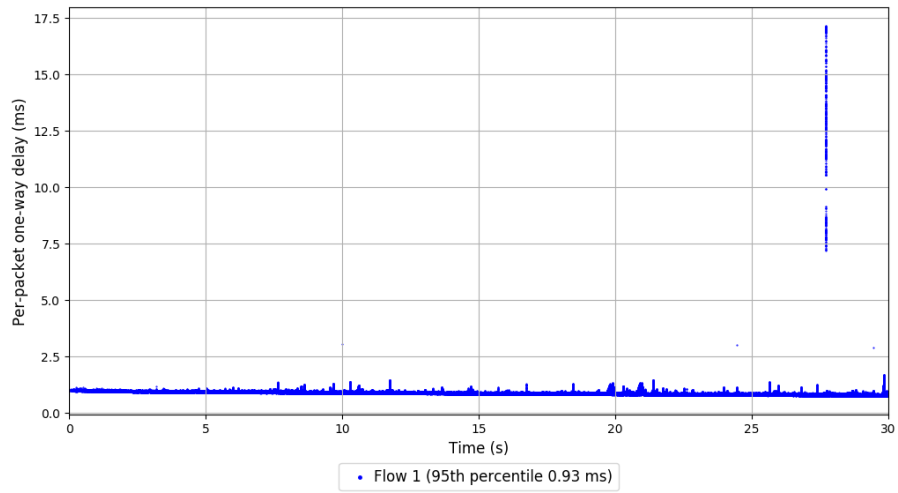
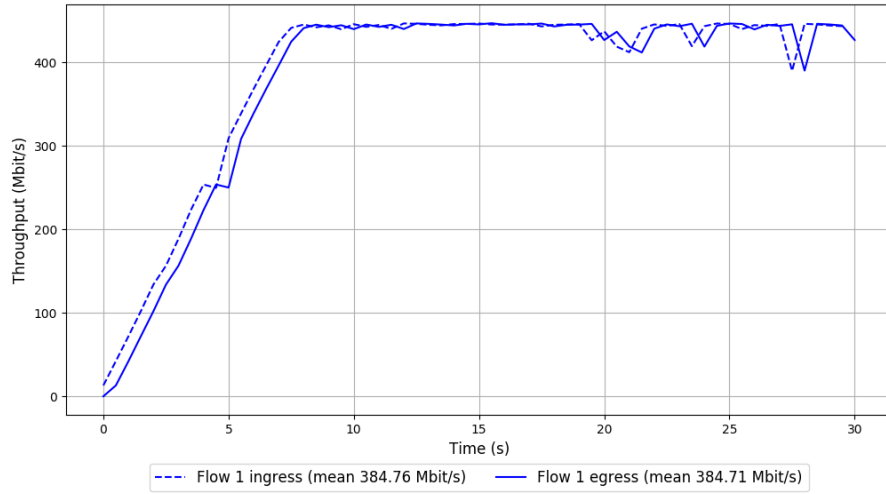
-- Flow 1:

Average throughput: 384.71 Mbit/s

95th percentile per-packet one-way delay: 0.934 ms

Loss rate: 0.08%

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

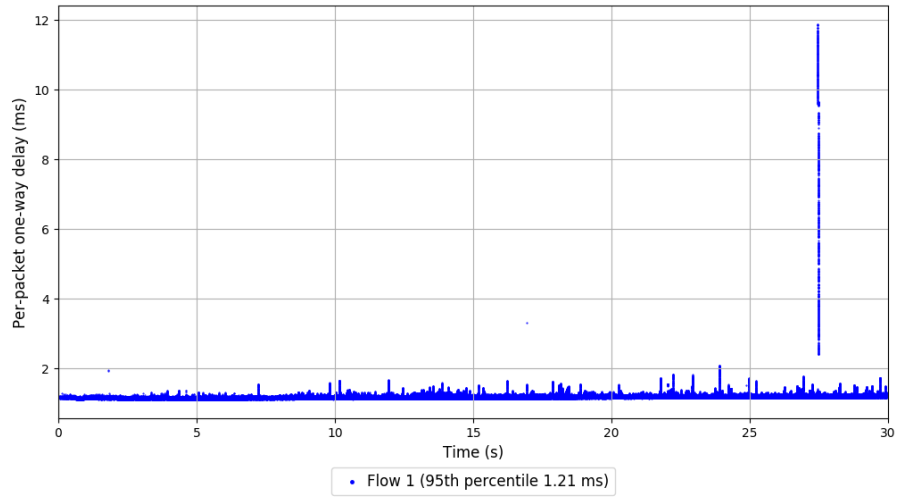
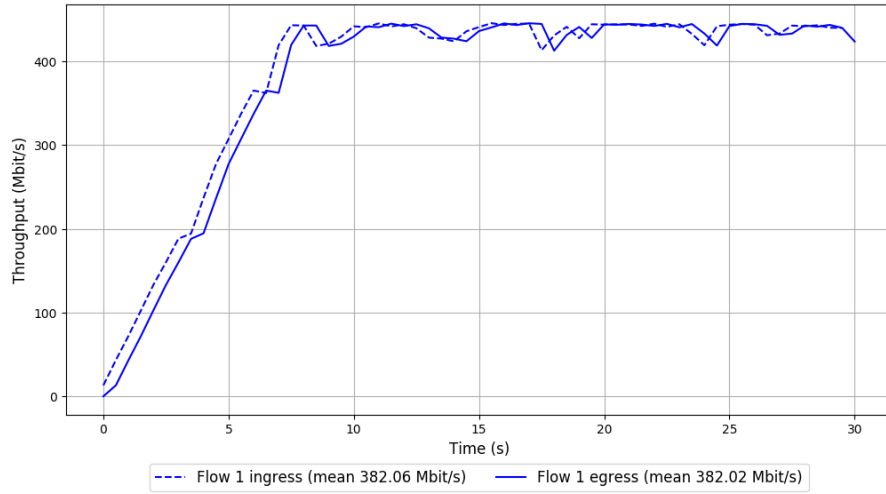


Run 7: Statistics of LEDBAT

Start at: 2018-08-22 13:44:07  
End at: 2018-08-22 13:44:37  
Local clock offset: -1.33 ms  
Remote clock offset: -0.625 ms

# Below is generated by plot.py at 2018-08-22 16:43:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 382.02 Mbit/s  
95th percentile per-packet one-way delay: 1.207 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 382.02 Mbit/s  
95th percentile per-packet one-way delay: 1.207 ms  
Loss rate: 0.08%

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



Run 8: Statistics of LEDBAT

Start at: 2018-08-22 14:10:03

End at: 2018-08-22 14:10:33

Local clock offset: -3.008 ms

Remote clock offset: 4.256 ms

# Below is generated by plot.py at 2018-08-22 16:43:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 399.73 Mbit/s

95th percentile per-packet one-way delay: 0.977 ms

Loss rate: 0.07%

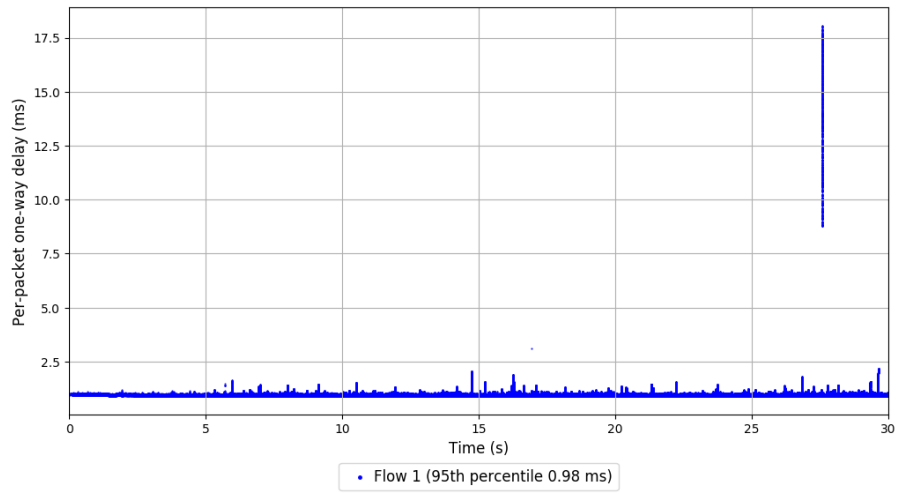
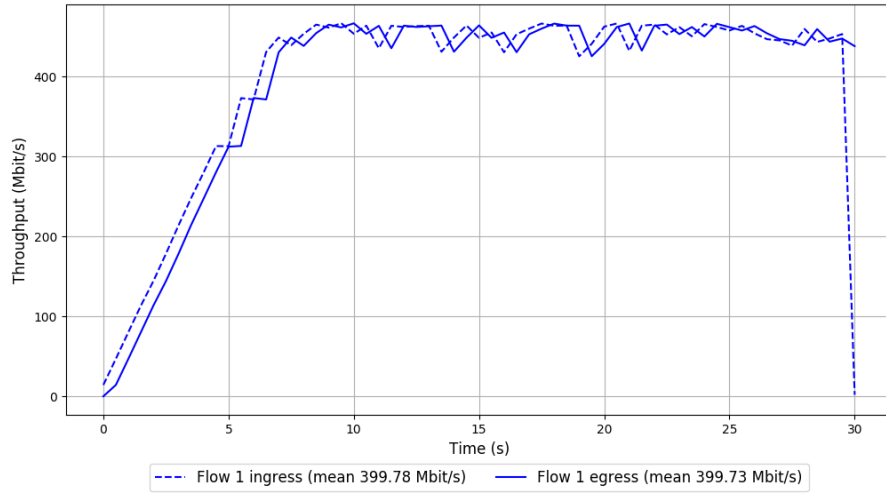
-- Flow 1:

Average throughput: 399.73 Mbit/s

95th percentile per-packet one-way delay: 0.977 ms

Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-08-22 14:36:06

End at: 2018-08-22 14:36:36

Local clock offset: -2.087 ms

Remote clock offset: 0.524 ms

# Below is generated by plot.py at 2018-08-22 16:44:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 370.43 Mbit/s

95th percentile per-packet one-way delay: 1.086 ms

Loss rate: 0.07%

-- Flow 1:

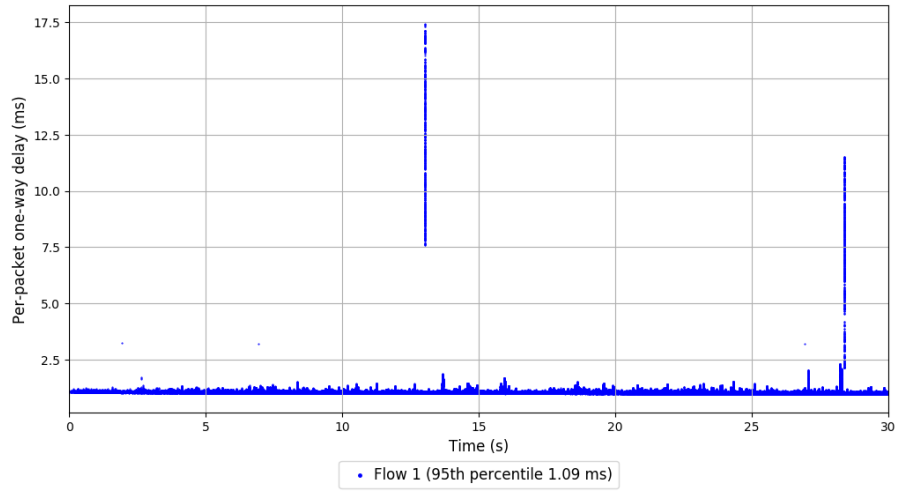
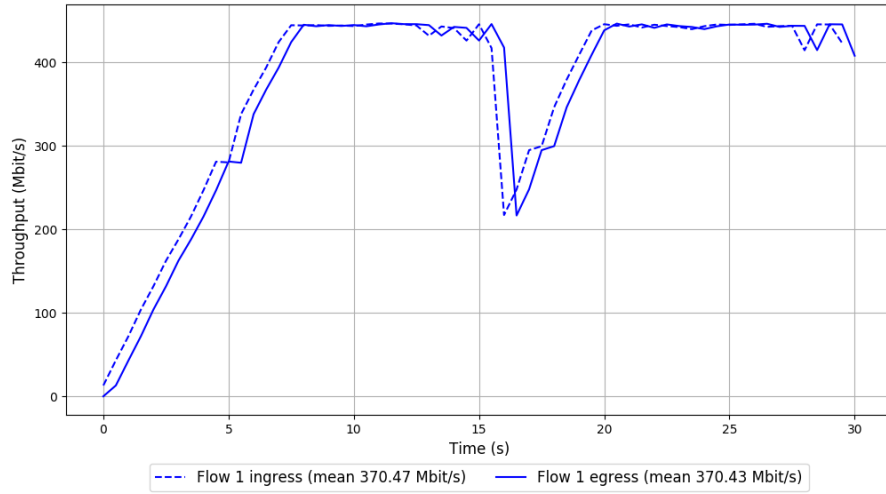
Average throughput: 370.43 Mbit/s

95th percentile per-packet one-way delay: 1.086 ms

Loss rate: 0.07%



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



Run 10: Statistics of LEDBAT

Start at: 2018-08-22 15:02:05

End at: 2018-08-22 15:02:35

Local clock offset: 0.925 ms

Remote clock offset: -0.437 ms

# Below is generated by plot.py at 2018-08-22 16:44:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 399.53 Mbit/s

95th percentile per-packet one-way delay: 0.960 ms

Loss rate: 0.07%

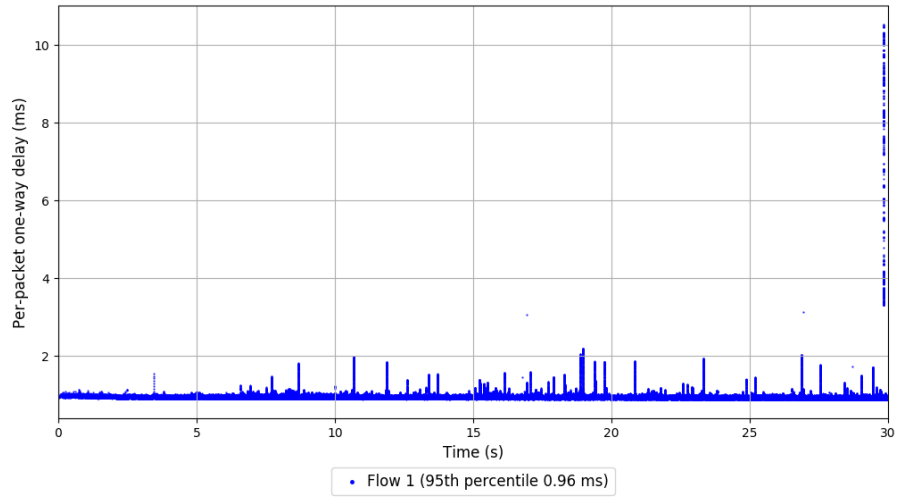
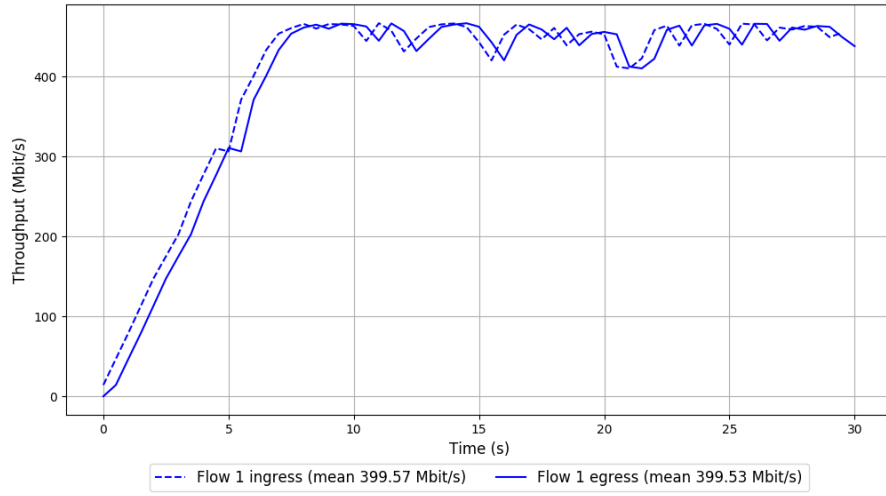
-- Flow 1:

Average throughput: 399.53 Mbit/s

95th percentile per-packet one-way delay: 0.960 ms

Loss rate: 0.07%

### Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-08-22 11:15:00

End at: 2018-08-22 11:15:30

Local clock offset: 0.822 ms

Remote clock offset: -3.403 ms

# Below is generated by plot.py at 2018-08-22 16:50:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 902.26 Mbit/s

95th percentile per-packet one-way delay: 1.995 ms

Loss rate: 0.06%

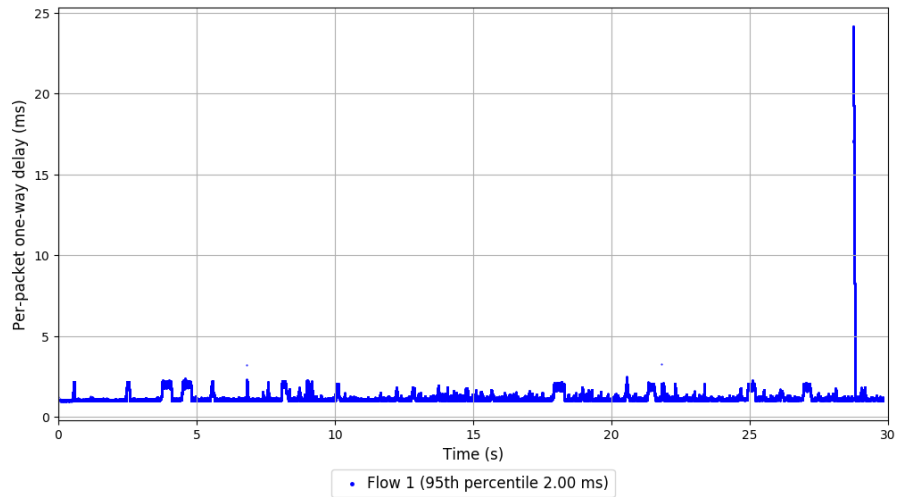
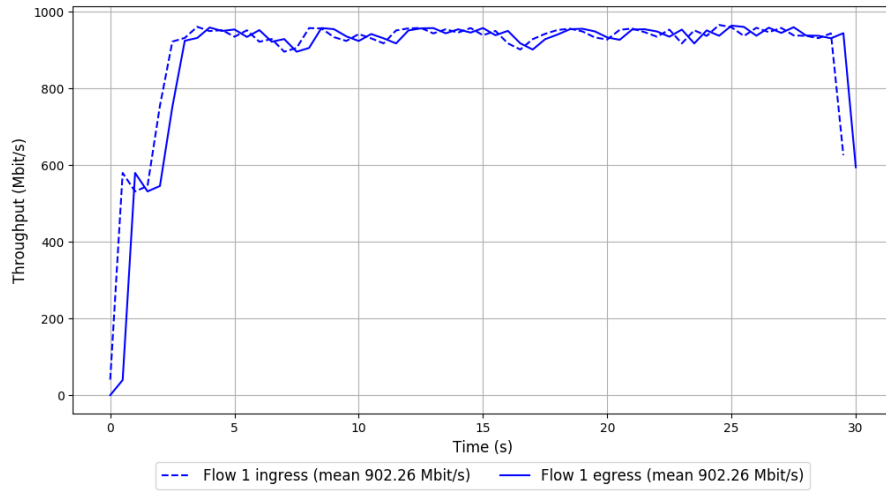
-- Flow 1:

Average throughput: 902.26 Mbit/s

95th percentile per-packet one-way delay: 1.995 ms

Loss rate: 0.06%

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



Run 2: Statistics of PCC-Allegro

Start at: 2018-08-22 11:40:54

End at: 2018-08-22 11:41:24

Local clock offset: 0.727 ms

Remote clock offset: 2.472 ms

# Below is generated by plot.py at 2018-08-22 16:51:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 915.74 Mbit/s

95th percentile per-packet one-way delay: 2.037 ms

Loss rate: 0.07%

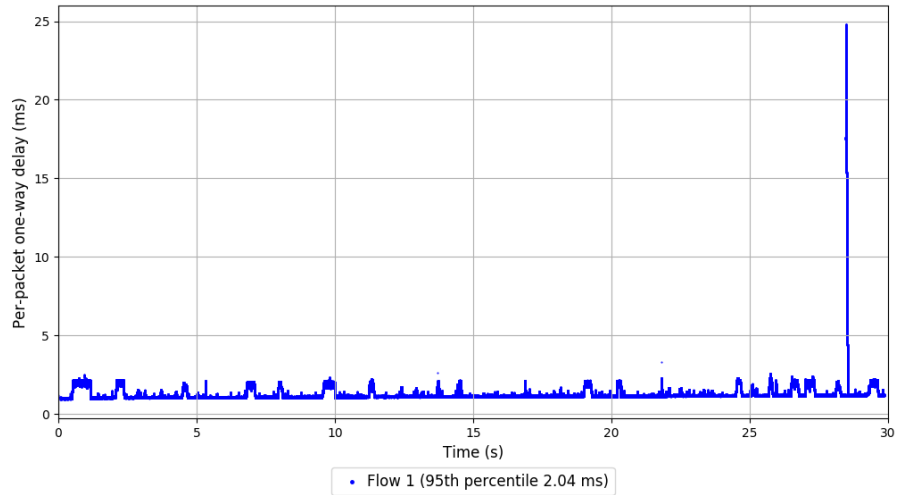
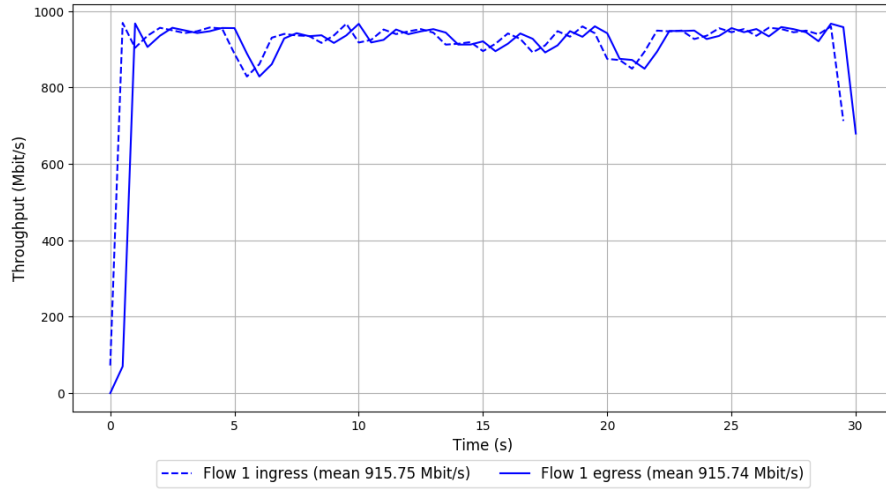
-- Flow 1:

Average throughput: 915.74 Mbit/s

95th percentile per-packet one-way delay: 2.037 ms

Loss rate: 0.07%

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



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-22 12:06:34

End at: 2018-08-22 12:07:04

Local clock offset: 0.604 ms

Remote clock offset: 5.338 ms

# Below is generated by plot.py at 2018-08-22 16:52:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 906.15 Mbit/s

95th percentile per-packet one-way delay: 1.639 ms

Loss rate: 0.07%

-- Flow 1:

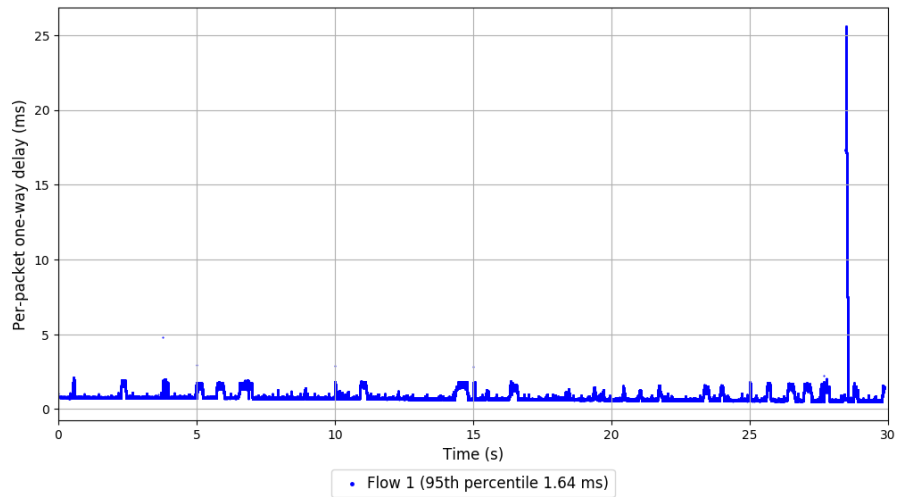
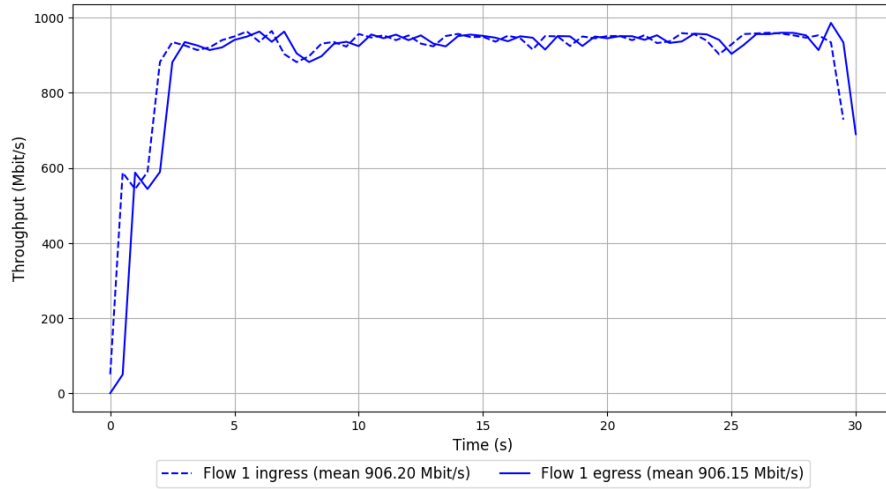
Average throughput: 906.15 Mbit/s

95th percentile per-packet one-way delay: 1.639 ms

Loss rate: 0.07%



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



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-22 12:32:18

End at: 2018-08-22 12:32:48

Local clock offset: 0.603 ms

Remote clock offset: 0.521 ms

# Below is generated by plot.py at 2018-08-22 16:53:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 906.01 Mbit/s

95th percentile per-packet one-way delay: 2.050 ms

Loss rate: 0.07%

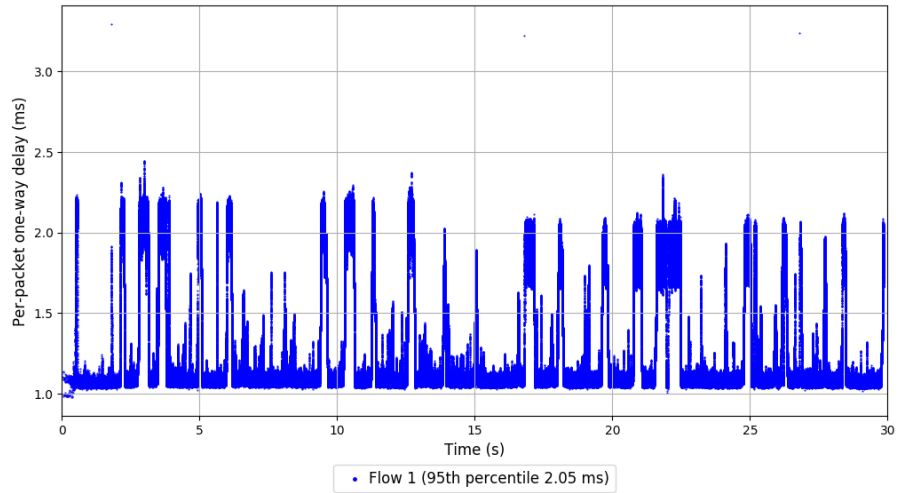
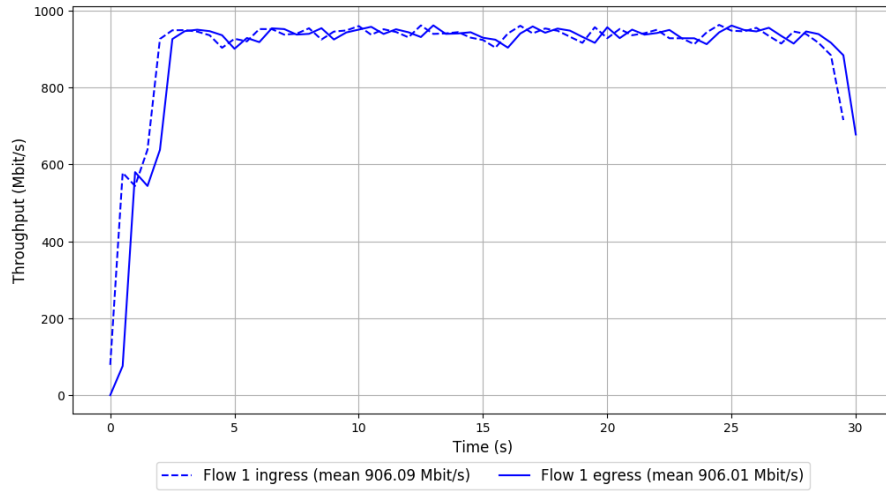
-- Flow 1:

Average throughput: 906.01 Mbit/s

95th percentile per-packet one-way delay: 2.050 ms

Loss rate: 0.07%

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



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-22 12:58:26

End at: 2018-08-22 12:58:56

Local clock offset: -2.831 ms

Remote clock offset: 3.261 ms

# Below is generated by plot.py at 2018-08-22 16:53:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 875.86 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 0.07%

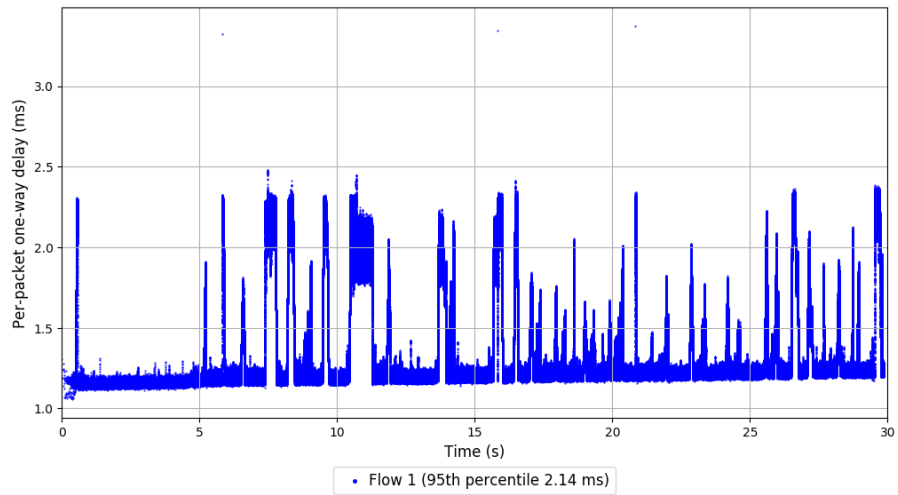
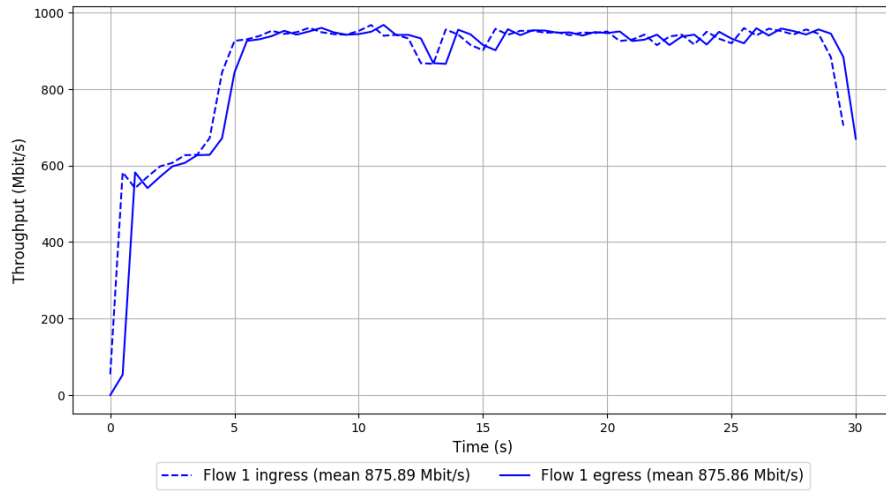
-- Flow 1:

Average throughput: 875.86 Mbit/s

95th percentile per-packet one-way delay: 2.139 ms

Loss rate: 0.07%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-22 13:24:09

End at: 2018-08-22 13:24:39

Local clock offset: 0.076 ms

Remote clock offset: 0.729 ms

# Below is generated by plot.py at 2018-08-22 16:54:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 925.00 Mbit/s

95th percentile per-packet one-way delay: 1.959 ms

Loss rate: 0.07%

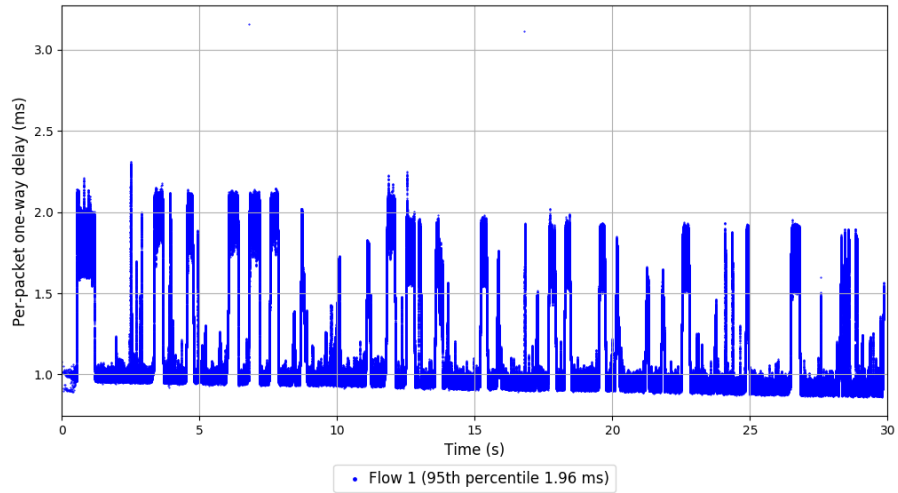
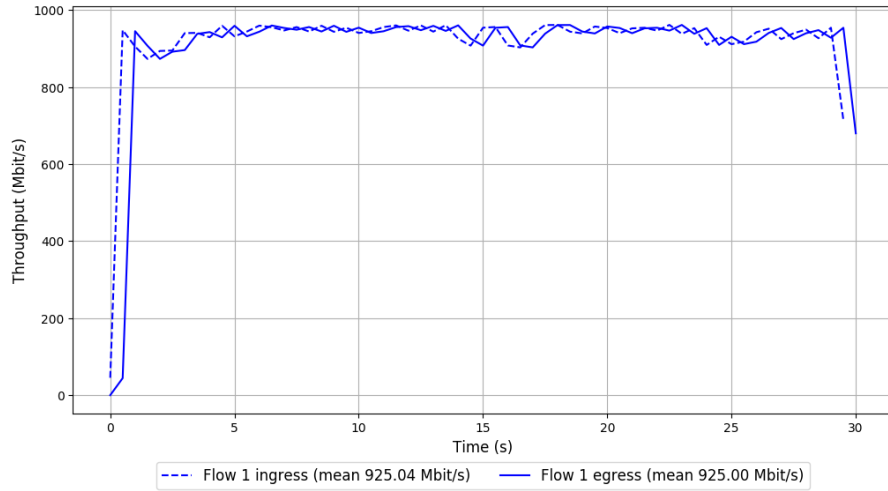
-- Flow 1:

Average throughput: 925.00 Mbit/s

95th percentile per-packet one-way delay: 1.959 ms

Loss rate: 0.07%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-22 13:49:55

End at: 2018-08-22 13:50:25

Local clock offset: -2.13 ms

Remote clock offset: 0.705 ms

# Below is generated by plot.py at 2018-08-22 16:54:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 923.03 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.07%

-- Flow 1:

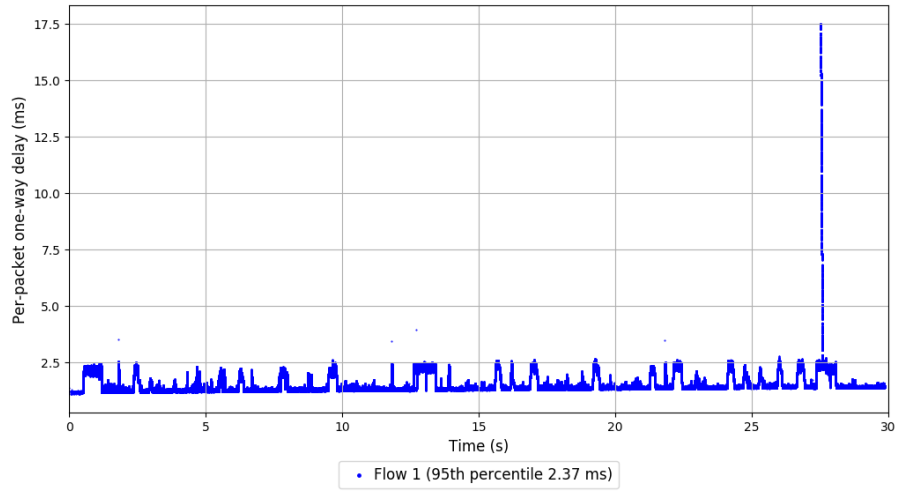
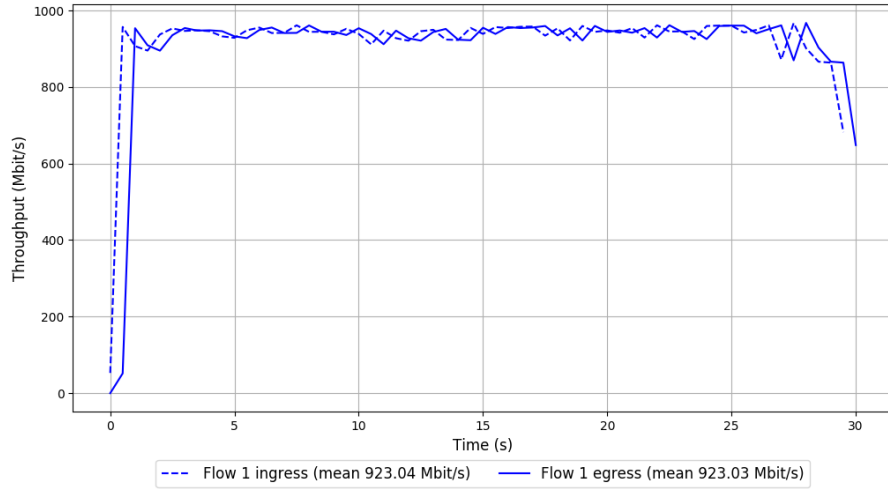
Average throughput: 923.03 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.07%



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



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-22 14:15:56

End at: 2018-08-22 14:16:26

Local clock offset: -2.457 ms

Remote clock offset: 4.765 ms

# Below is generated by plot.py at 2018-08-22 16:55:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 924.34 Mbit/s

95th percentile per-packet one-way delay: 1.984 ms

Loss rate: 0.07%

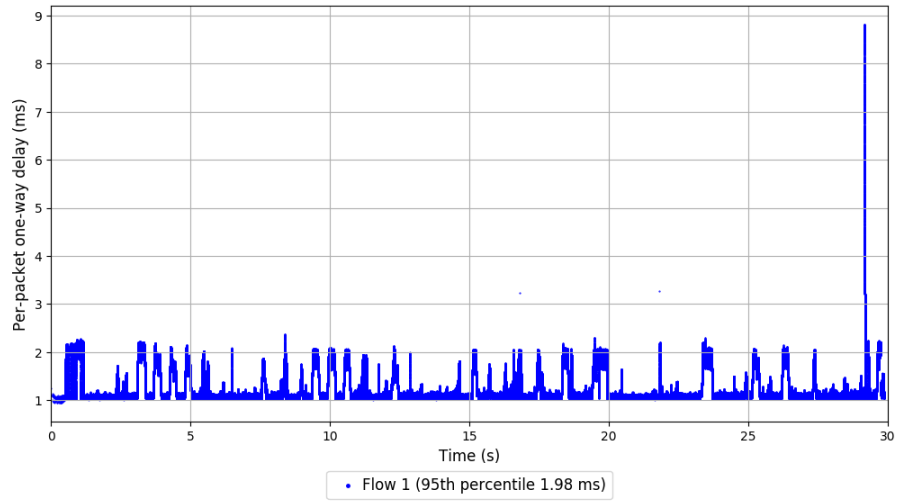
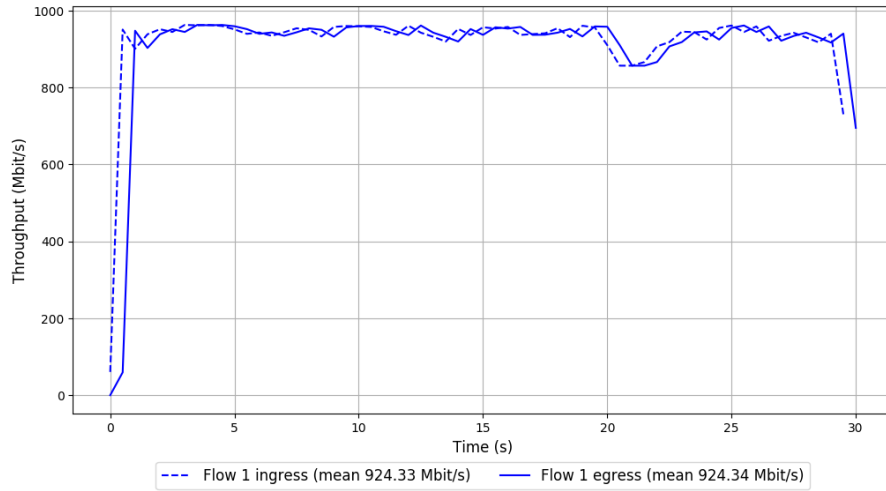
-- Flow 1:

Average throughput: 924.34 Mbit/s

95th percentile per-packet one-way delay: 1.984 ms

Loss rate: 0.07%

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



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-22 14:41:57

End at: 2018-08-22 14:42:27

Local clock offset: -0.906 ms

Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2018-08-22 17:01:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 898.32 Mbit/s

95th percentile per-packet one-way delay: 1.824 ms

Loss rate: 0.07%

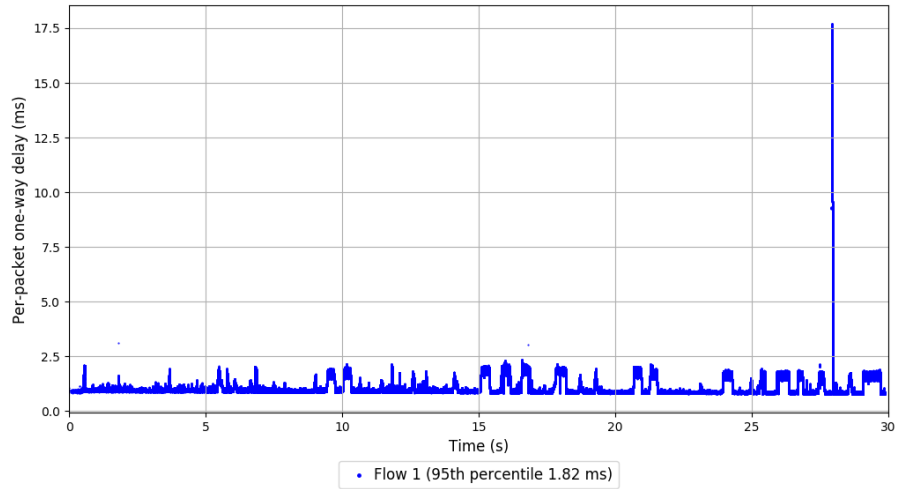
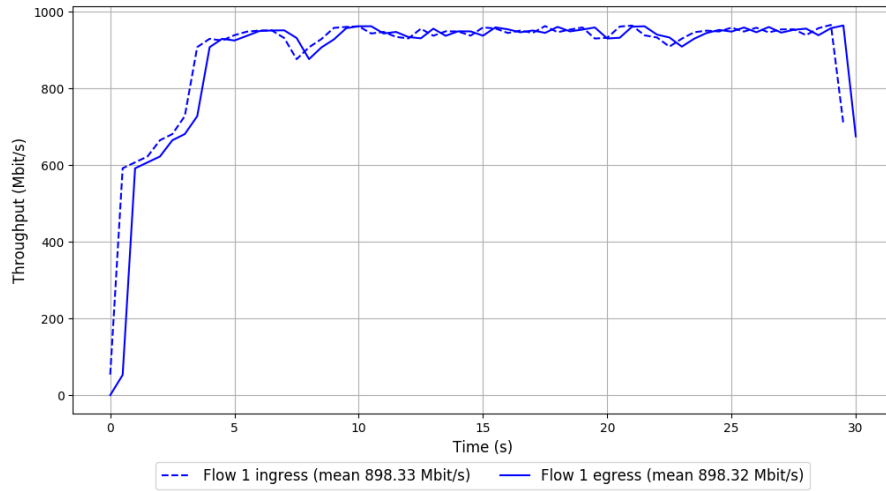
-- Flow 1:

Average throughput: 898.32 Mbit/s

95th percentile per-packet one-way delay: 1.824 ms

Loss rate: 0.07%

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



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-22 15:07:58

End at: 2018-08-22 15:08:28

Local clock offset: 1.184 ms

Remote clock offset: -0.458 ms

# Below is generated by plot.py at 2018-08-22 17:02:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 923.25 Mbit/s

95th percentile per-packet one-way delay: 2.111 ms

Loss rate: 0.06%

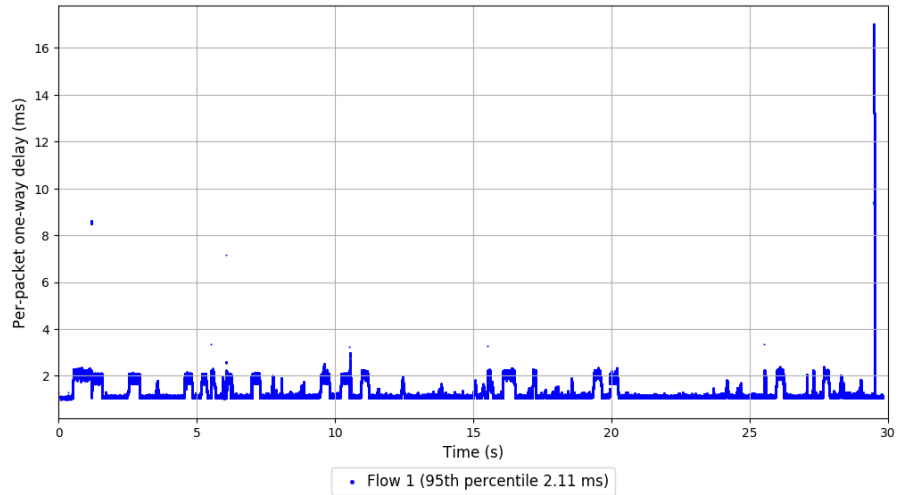
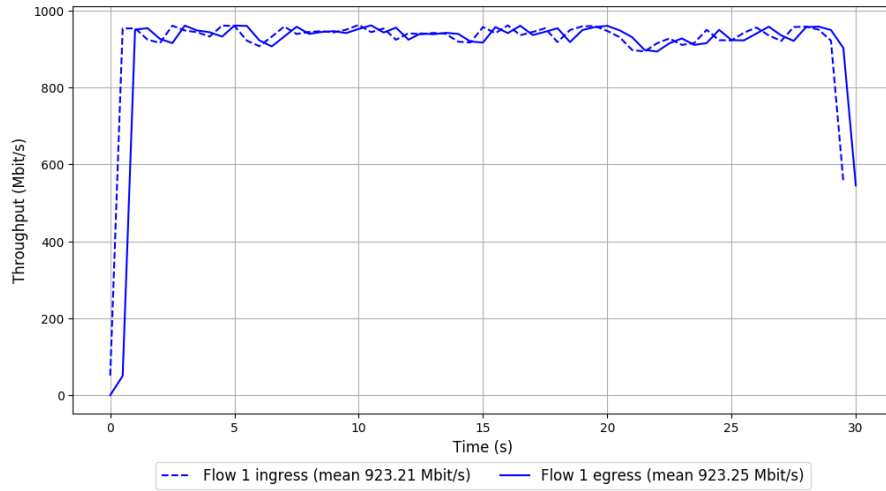
-- Flow 1:

Average throughput: 923.25 Mbit/s

95th percentile per-packet one-way delay: 2.111 ms

Loss rate: 0.06%

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-08-22 11:12:03

End at: 2018-08-22 11:12:33

Local clock offset: 0.913 ms

Remote clock offset: -3.501 ms

# Below is generated by plot.py at 2018-08-22 17:02:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 374.47 Mbit/s

95th percentile per-packet one-way delay: 1.185 ms

Loss rate: 0.08%

-- Flow 1:

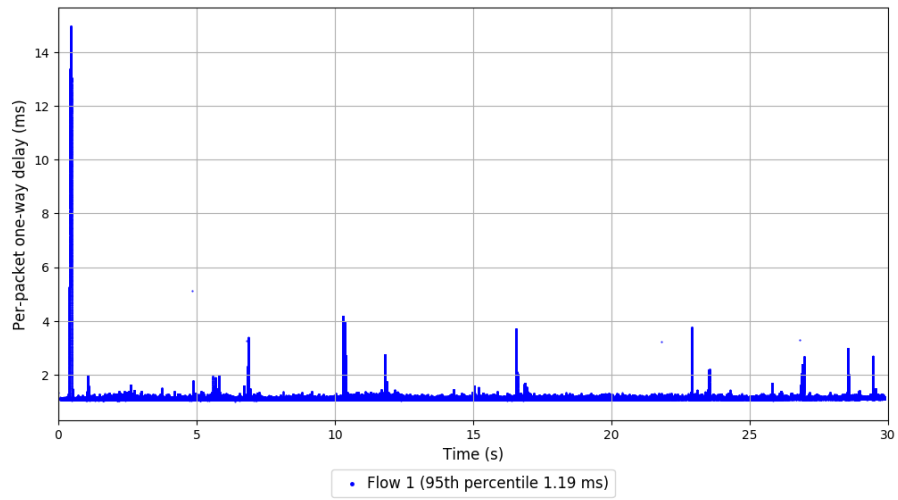
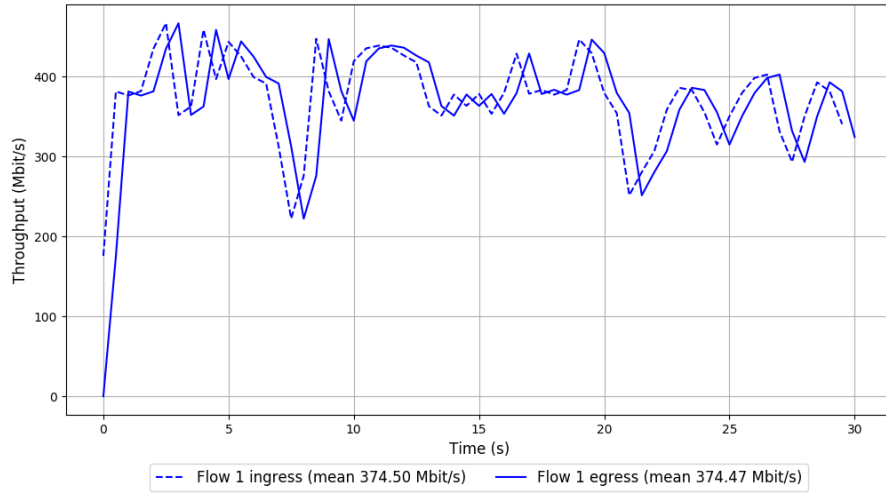
Average throughput: 374.47 Mbit/s

95th percentile per-packet one-way delay: 1.185 ms

Loss rate: 0.08%



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



Run 2: Statistics of PCC-Expr

Start at: 2018-08-22 11:37:57

End at: 2018-08-22 11:38:27

Local clock offset: 0.921 ms

Remote clock offset: 1.401 ms

# Below is generated by plot.py at 2018-08-22 17:02:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 368.66 Mbit/s

95th percentile per-packet one-way delay: 1.305 ms

Loss rate: 0.07%

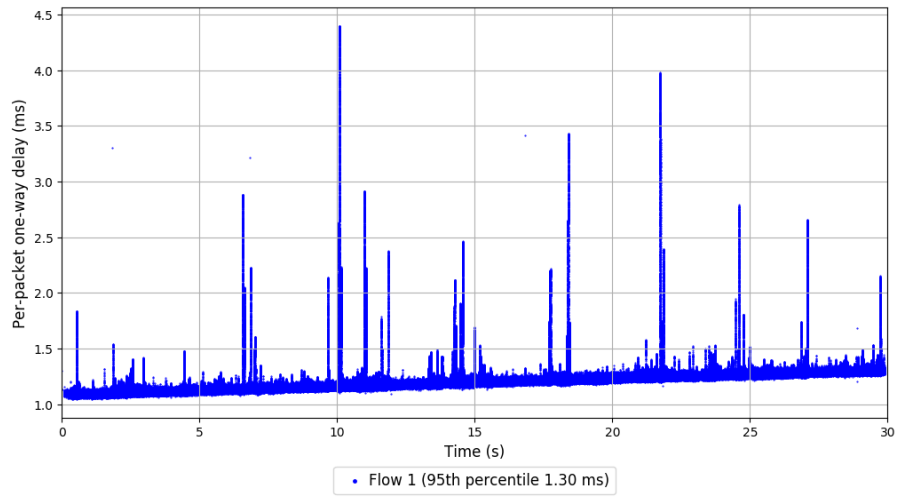
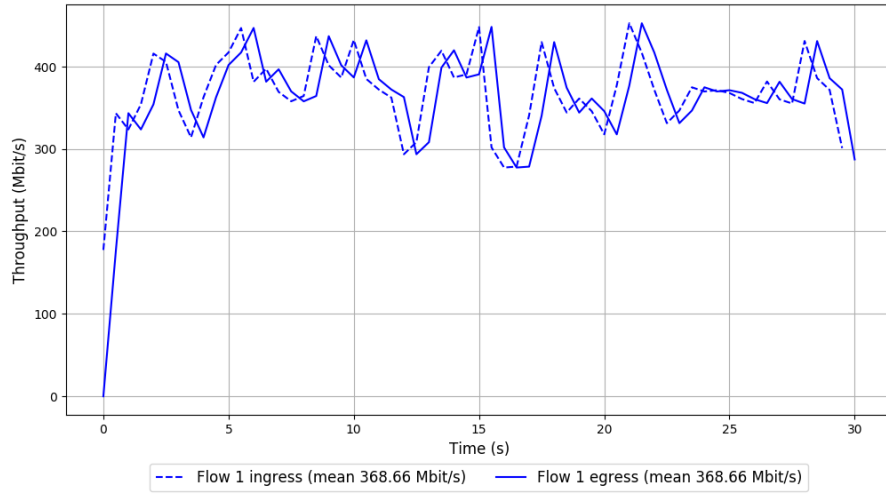
-- Flow 1:

Average throughput: 368.66 Mbit/s

95th percentile per-packet one-way delay: 1.305 ms

Loss rate: 0.07%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-08-22 12:03:37

End at: 2018-08-22 12:04:07

Local clock offset: 0.67 ms

Remote clock offset: 6.857 ms

# Below is generated by plot.py at 2018-08-22 17:02:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 367.10 Mbit/s

95th percentile per-packet one-way delay: 1.182 ms

Loss rate: 0.05%

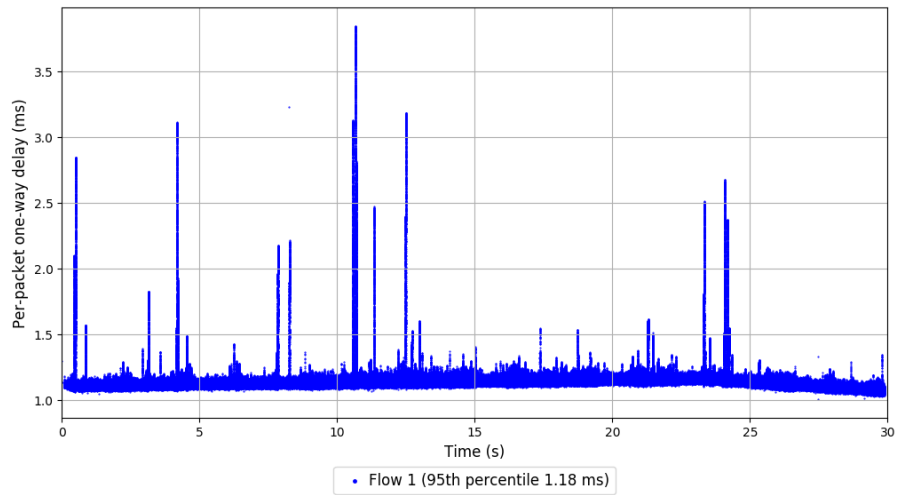
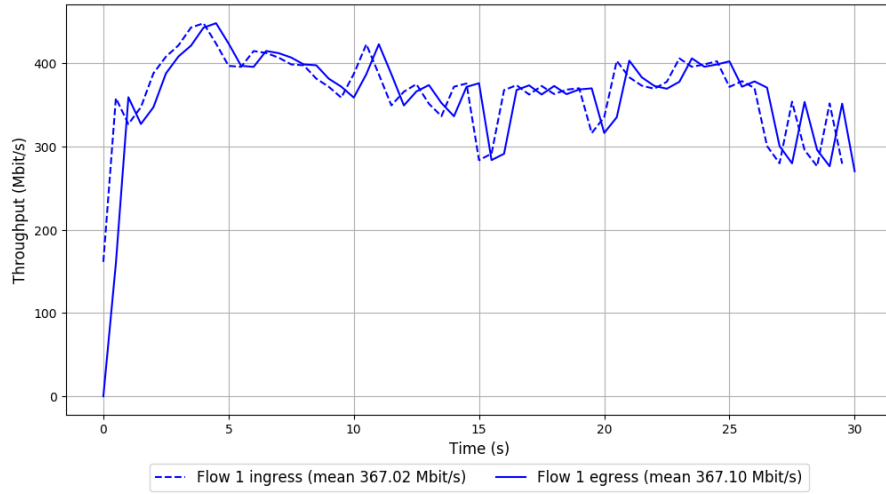
-- Flow 1:

Average throughput: 367.10 Mbit/s

95th percentile per-packet one-way delay: 1.182 ms

Loss rate: 0.05%

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



Run 4: Statistics of PCC-Expr

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

End at: 2018-08-22 12:29:52

Local clock offset: 0.586 ms

Remote clock offset: 0.655 ms

# Below is generated by plot.py at 2018-08-22 17:02:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 367.99 Mbit/s

95th percentile per-packet one-way delay: 1.021 ms

Loss rate: 0.07%

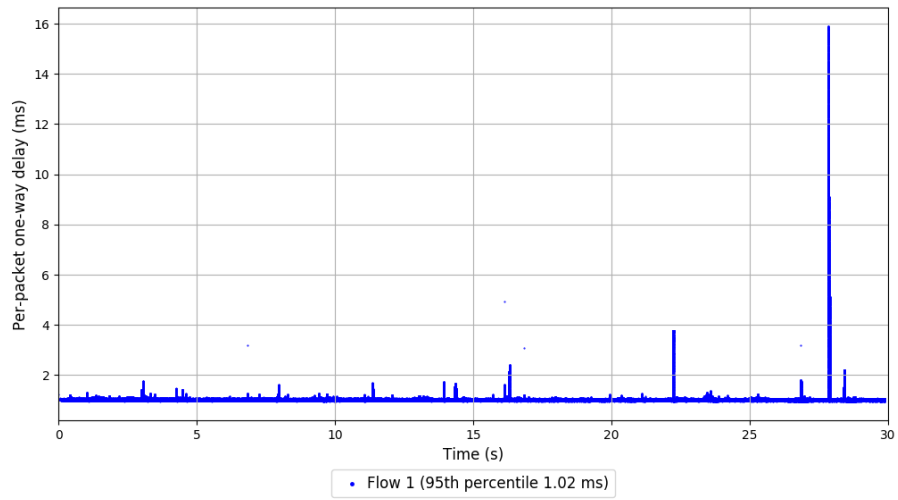
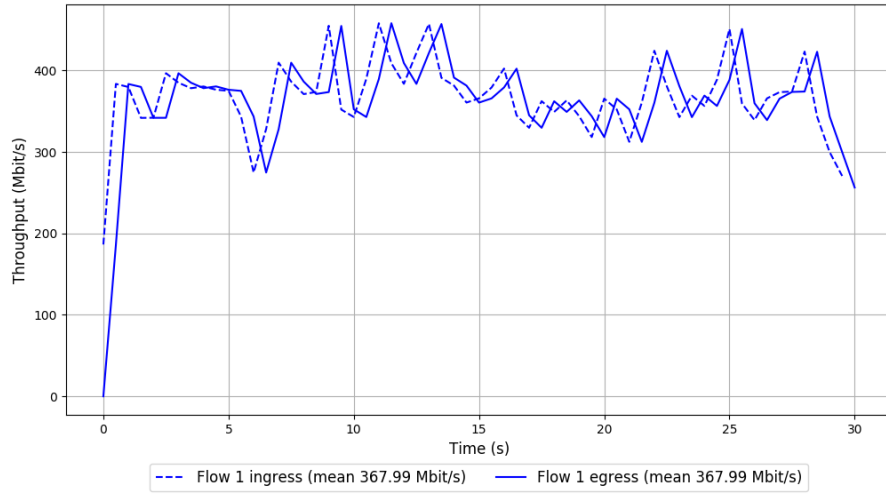
-- Flow 1:

Average throughput: 367.99 Mbit/s

95th percentile per-packet one-way delay: 1.021 ms

Loss rate: 0.07%

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



Run 5: Statistics of PCC-Expr

Start at: 2018-08-22 12:55:29

End at: 2018-08-22 12:55:59

Local clock offset: -2.712 ms

Remote clock offset: 3.065 ms

# Below is generated by plot.py at 2018-08-22 17:03:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 367.15 Mbit/s

95th percentile per-packet one-way delay: 1.129 ms

Loss rate: 0.07%

-- Flow 1:

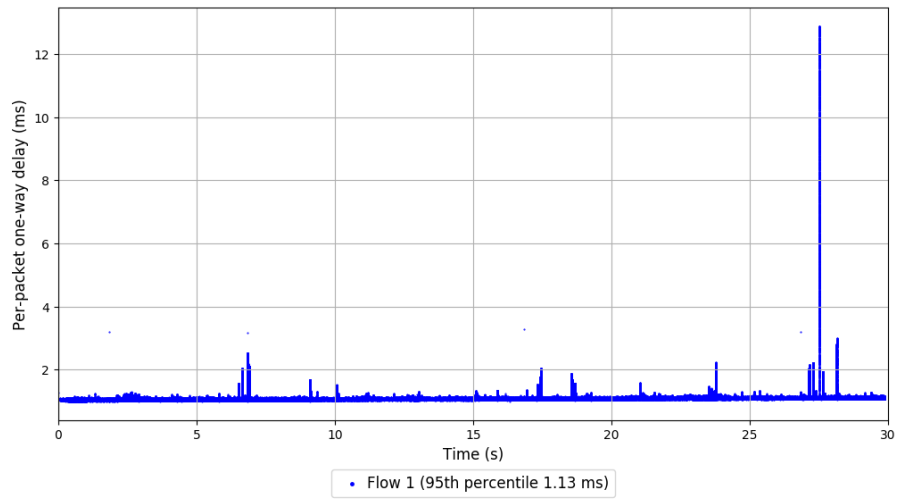
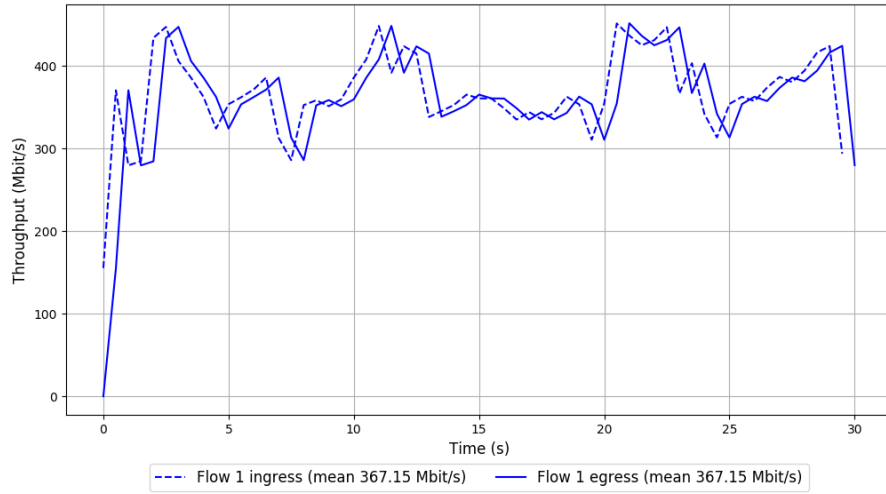
Average throughput: 367.15 Mbit/s

95th percentile per-packet one-way delay: 1.129 ms

Loss rate: 0.07%



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



Run 6: Statistics of PCC-Expr

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

End at: 2018-08-22 13:21:43

Local clock offset: -0.158 ms

Remote clock offset: 1.261 ms

# Below is generated by plot.py at 2018-08-22 17:04:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 363.25 Mbit/s

95th percentile per-packet one-way delay: 0.921 ms

Loss rate: 0.06%

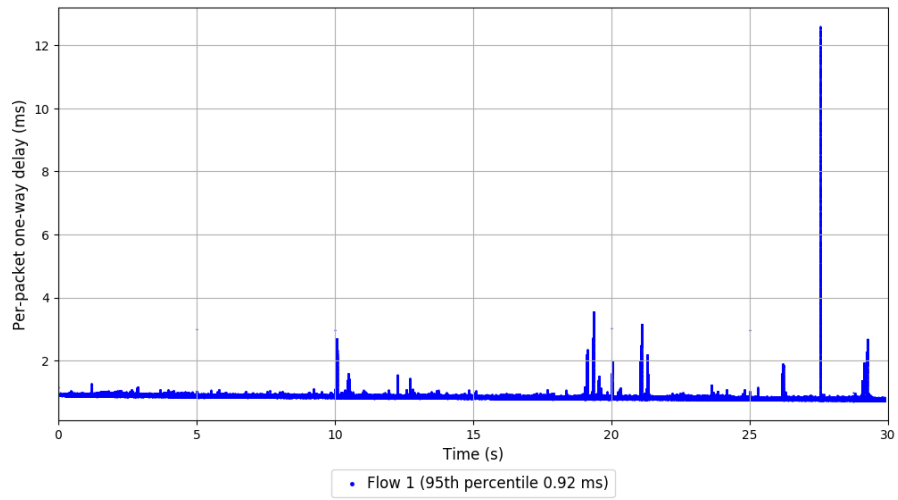
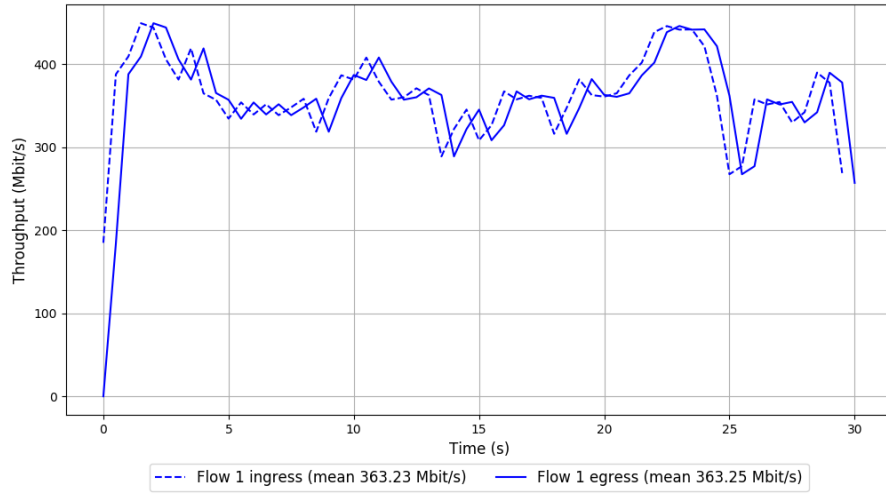
-- Flow 1:

Average throughput: 363.25 Mbit/s

95th percentile per-packet one-way delay: 0.921 ms

Loss rate: 0.06%

### Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-08-22 13:47:00

End at: 2018-08-22 13:47:30

Local clock offset: -1.73 ms

Remote clock offset: -0.587 ms

# Below is generated by plot.py at 2018-08-22 17:08:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 344.64 Mbit/s

95th percentile per-packet one-way delay: 1.623 ms

Loss rate: 0.07%

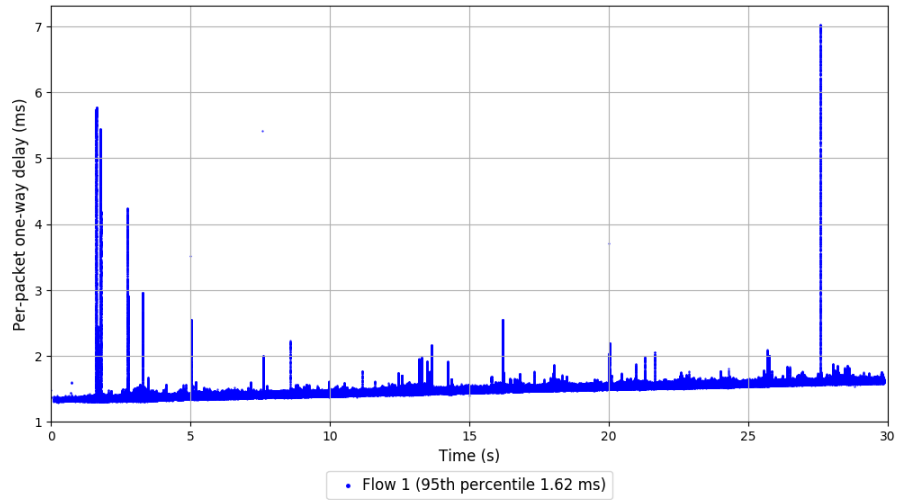
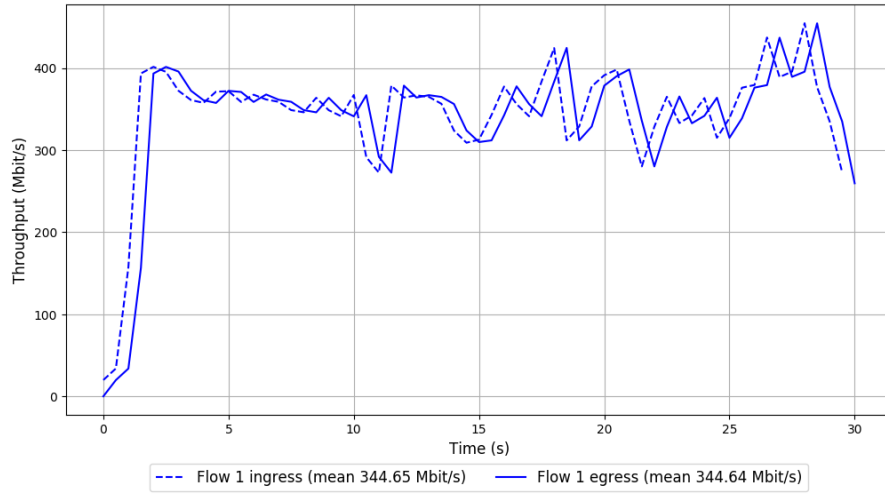
-- Flow 1:

Average throughput: 344.64 Mbit/s

95th percentile per-packet one-way delay: 1.623 ms

Loss rate: 0.07%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-08-22 14:12:57

End at: 2018-08-22 14:13:27

Local clock offset: -2.651 ms

Remote clock offset: 4.518 ms

# Below is generated by plot.py at 2018-08-22 17:09:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 379.30 Mbit/s

95th percentile per-packet one-way delay: 1.070 ms

Loss rate: 0.06%

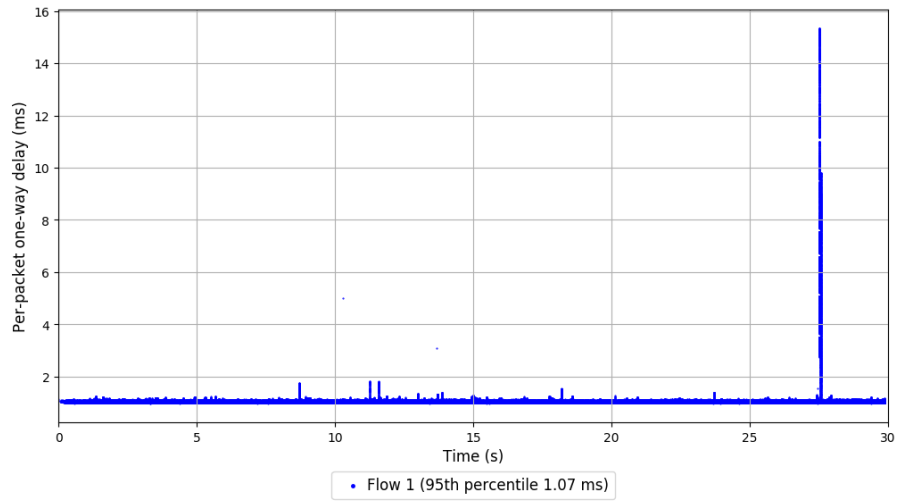
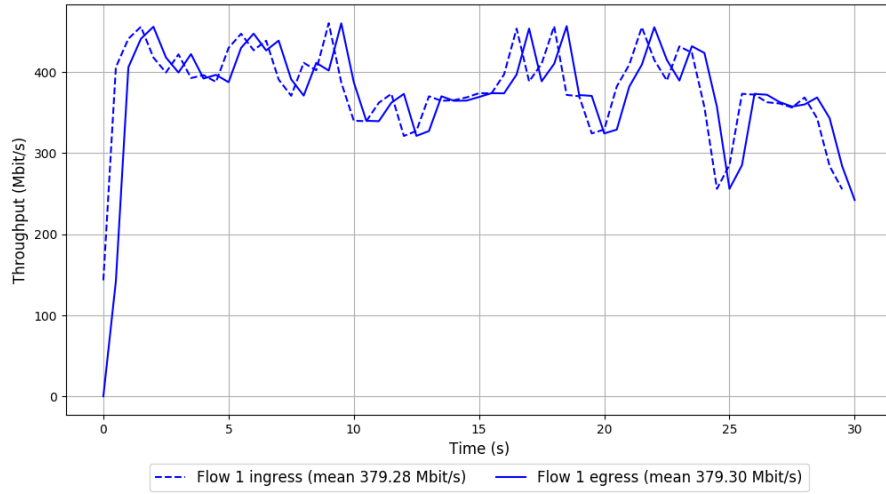
-- Flow 1:

Average throughput: 379.30 Mbit/s

95th percentile per-packet one-way delay: 1.070 ms

Loss rate: 0.06%

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



Run 9: Statistics of PCC-Expr

Start at: 2018-08-22 14:38:59

End at: 2018-08-22 14:39:29

Local clock offset: -1.686 ms

Remote clock offset: 0.359 ms

# Below is generated by plot.py at 2018-08-22 17:09:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 381.37 Mbit/s

95th percentile per-packet one-way delay: 0.660 ms

Loss rate: 0.07%

-- Flow 1:

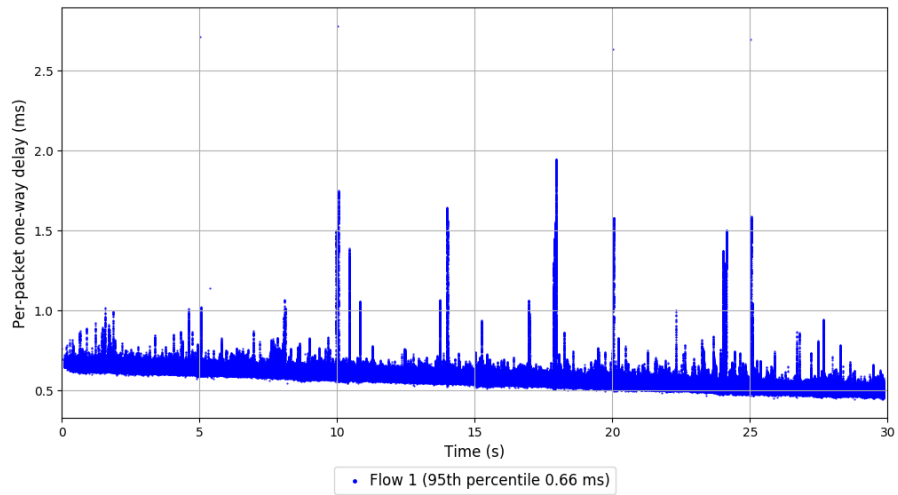
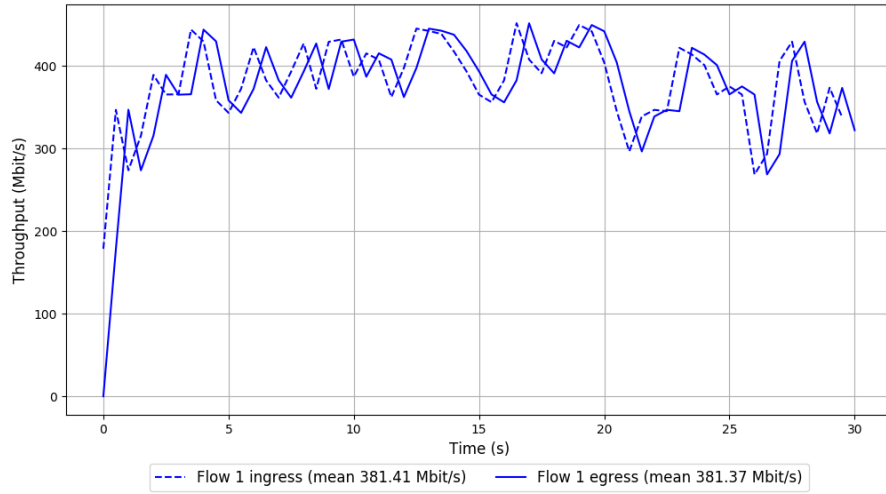
Average throughput: 381.37 Mbit/s

95th percentile per-packet one-way delay: 0.660 ms

Loss rate: 0.07%



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



Run 10: Statistics of PCC-Expr

Start at: 2018-08-22 15:05:00

End at: 2018-08-22 15:05:30

Local clock offset: 1.123 ms

Remote clock offset: -0.454 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 383.67 Mbit/s

95th percentile per-packet one-way delay: 1.067 ms

Loss rate: 0.06%

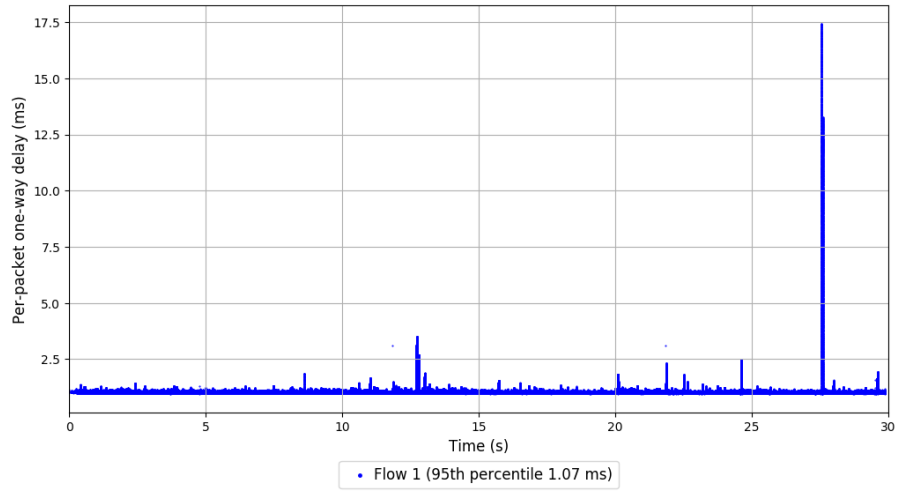
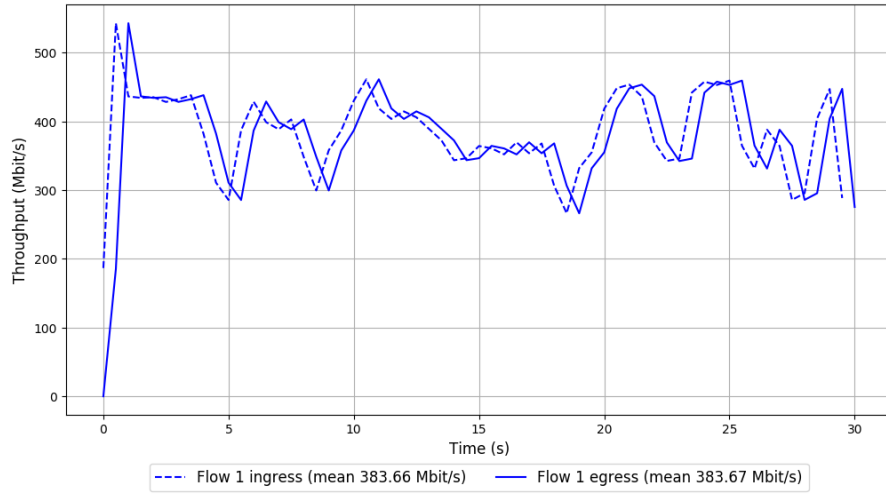
-- Flow 1:

Average throughput: 383.67 Mbit/s

95th percentile per-packet one-way delay: 1.067 ms

Loss rate: 0.06%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-08-22 11:10:43

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

Local clock offset: 0.969 ms

Remote clock offset: -3.542 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.82 Mbit/s

95th percentile per-packet one-way delay: 1.166 ms

Loss rate: 0.08%

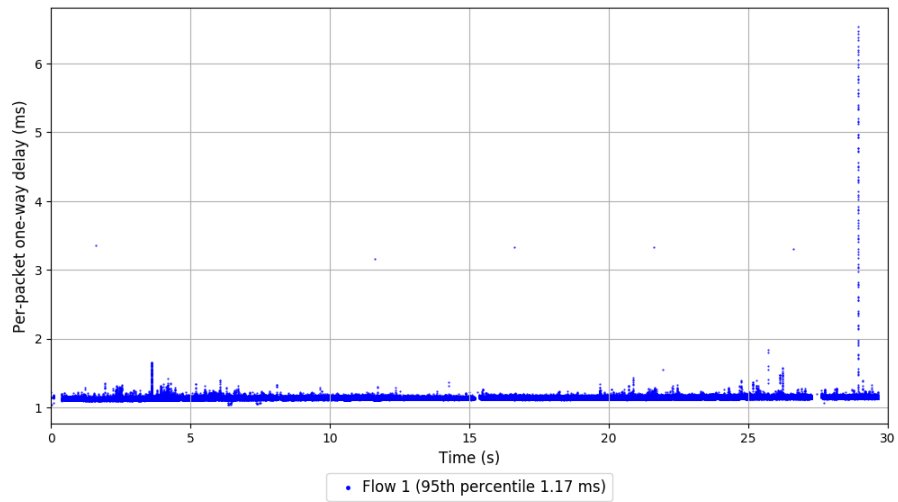
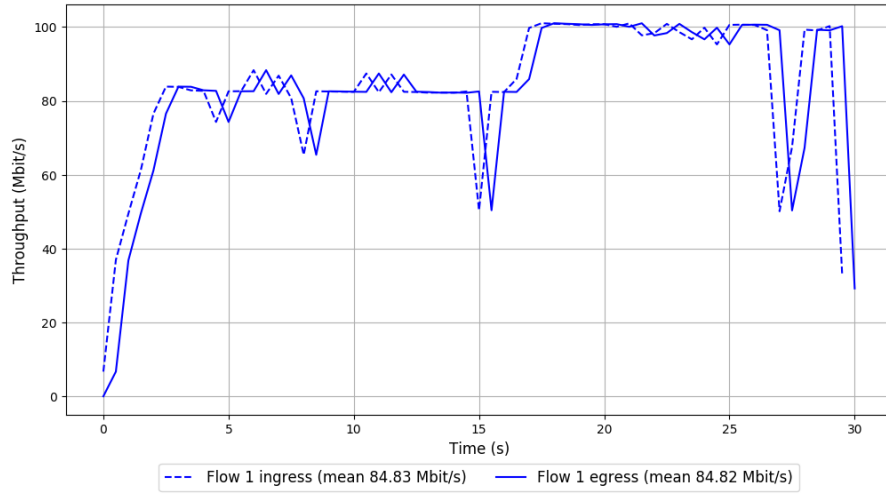
-- Flow 1:

Average throughput: 84.82 Mbit/s

95th percentile per-packet one-way delay: 1.166 ms

Loss rate: 0.08%

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



Run 2: Statistics of QUIC Cubic

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

End at: 2018-08-22 11:37:06

Local clock offset: 0.84 ms

Remote clock offset: 0.896 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.75 Mbit/s

95th percentile per-packet one-way delay: 1.111 ms

Loss rate: 0.07%

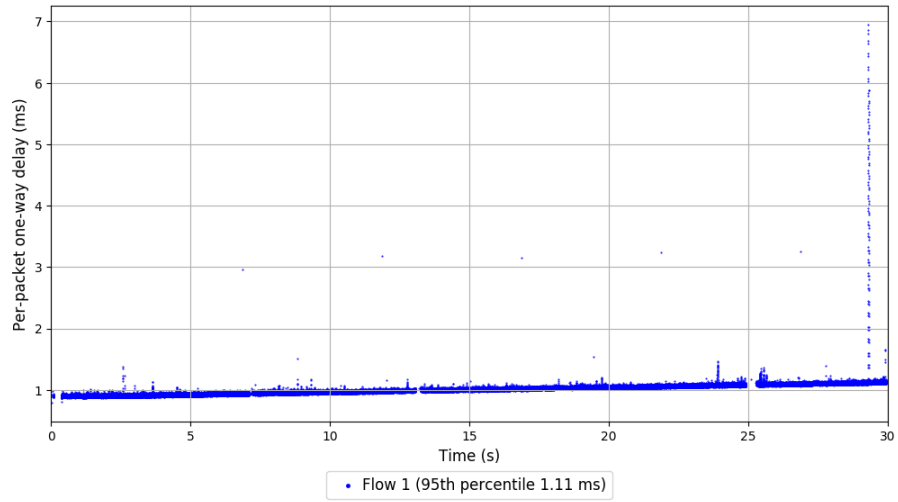
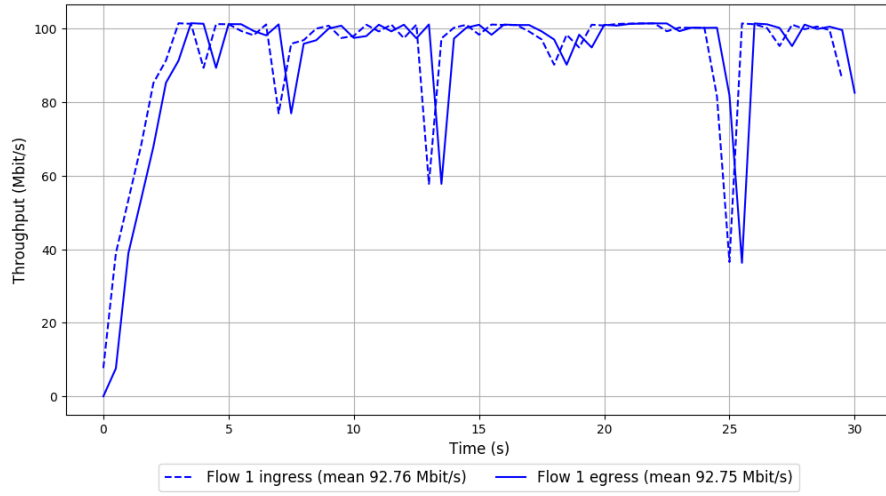
-- Flow 1:

Average throughput: 92.75 Mbit/s

95th percentile per-packet one-way delay: 1.111 ms

Loss rate: 0.07%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-22 12:02:16

End at: 2018-08-22 12:02:47

Local clock offset: 0.673 ms

Remote clock offset: 6.672 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.62 Mbit/s

95th percentile per-packet one-way delay: 1.179 ms

Loss rate: 0.08%

-- Flow 1:

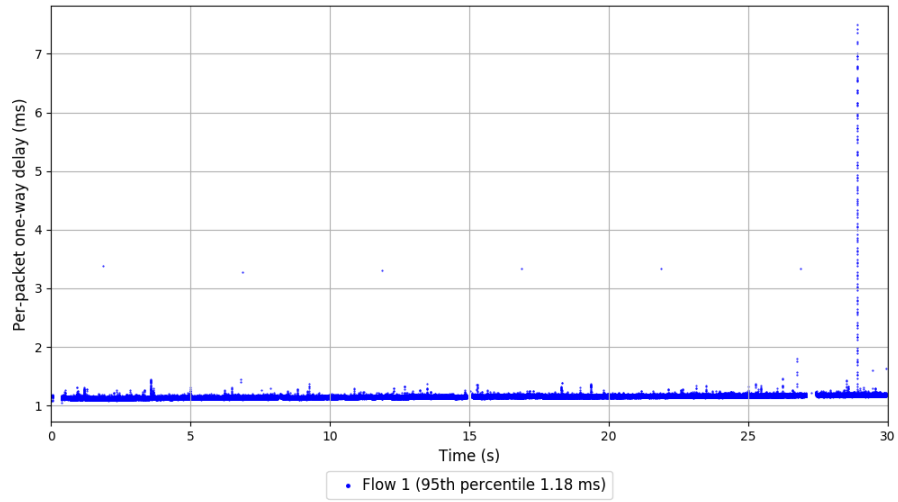
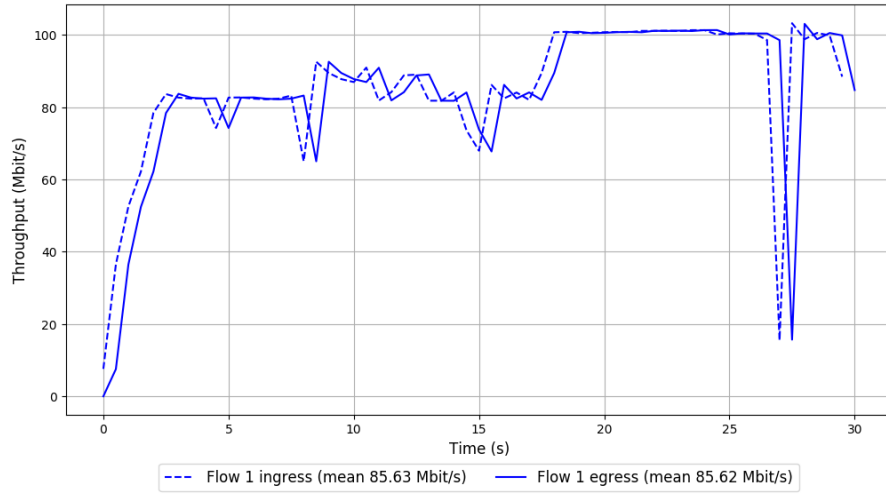
Average throughput: 85.62 Mbit/s

95th percentile per-packet one-way delay: 1.179 ms

Loss rate: 0.08%



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



Run 4: Statistics of QUIC Cubic

Start at: 2018-08-22 12:28:02

End at: 2018-08-22 12:28:32

Local clock offset: 0.592 ms

Remote clock offset: 0.649 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.75 Mbit/s

95th percentile per-packet one-way delay: 1.089 ms

Loss rate: 0.06%

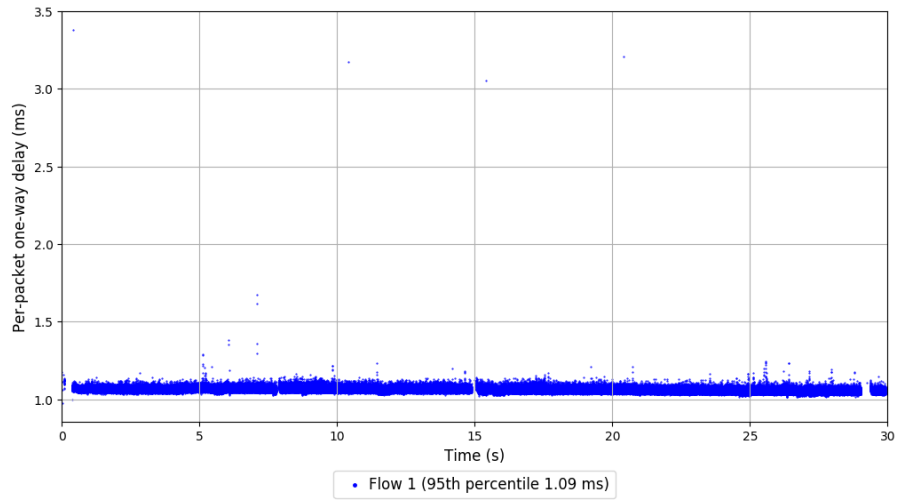
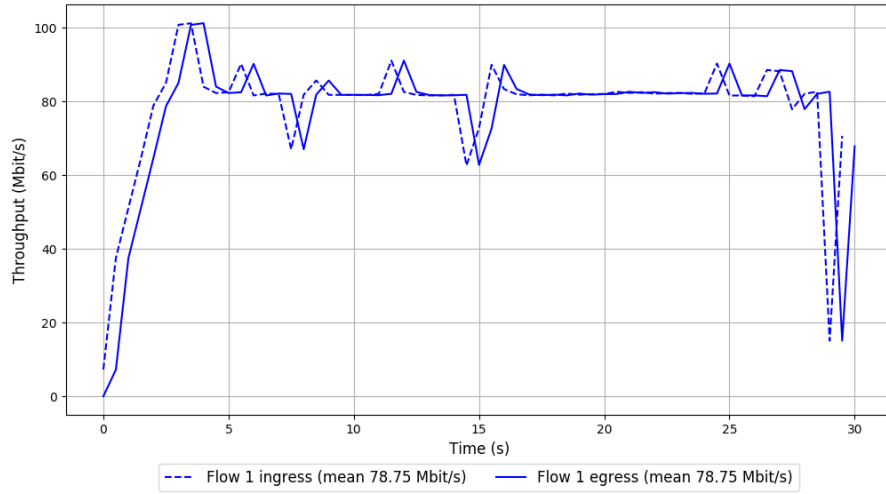
-- Flow 1:

Average throughput: 78.75 Mbit/s

95th percentile per-packet one-way delay: 1.089 ms

Loss rate: 0.06%

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



Run 5: Statistics of QUIC Cubic

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

End at: 2018-08-22 12:54:38

Local clock offset: -2.496 ms

Remote clock offset: 2.975 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 1.232 ms

Loss rate: 0.08%

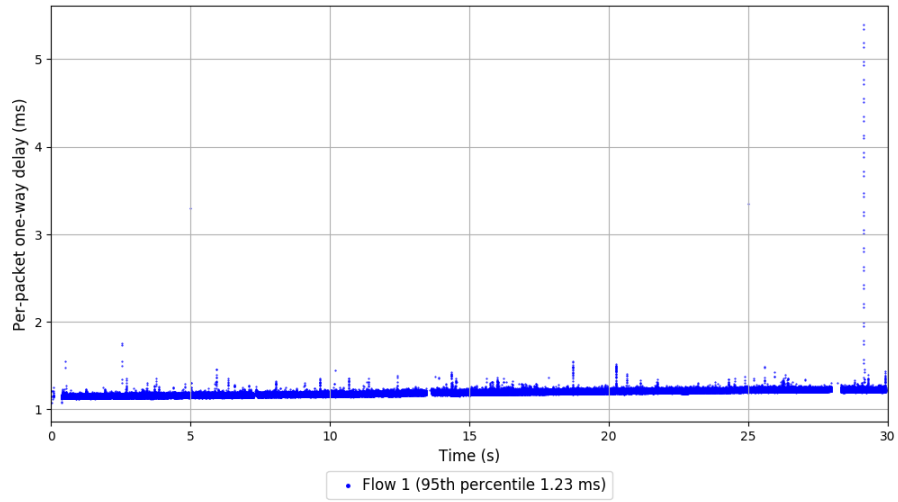
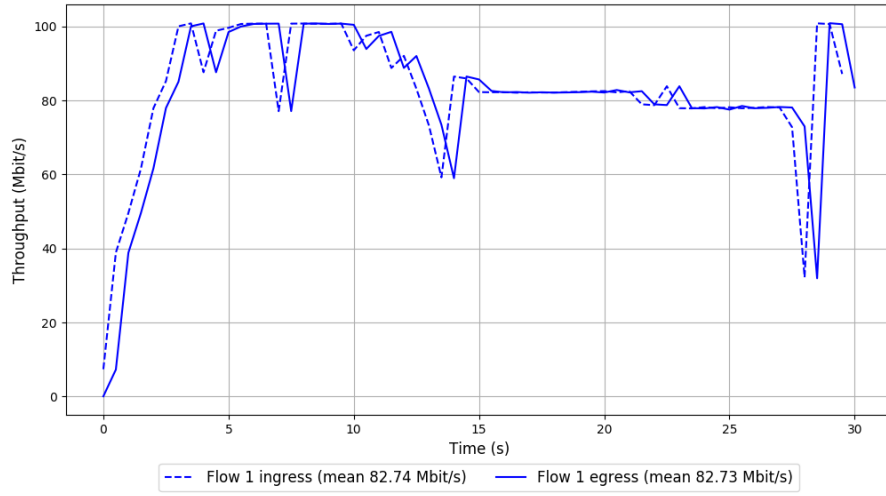
-- Flow 1:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 1.232 ms

Loss rate: 0.08%

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



Run 6: Statistics of QUIC Cubic

Start at: 2018-08-22 13:19:53

End at: 2018-08-22 13:20:23

Local clock offset: -0.292 ms

Remote clock offset: 1.459 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 0.980 ms

Loss rate: 0.07%

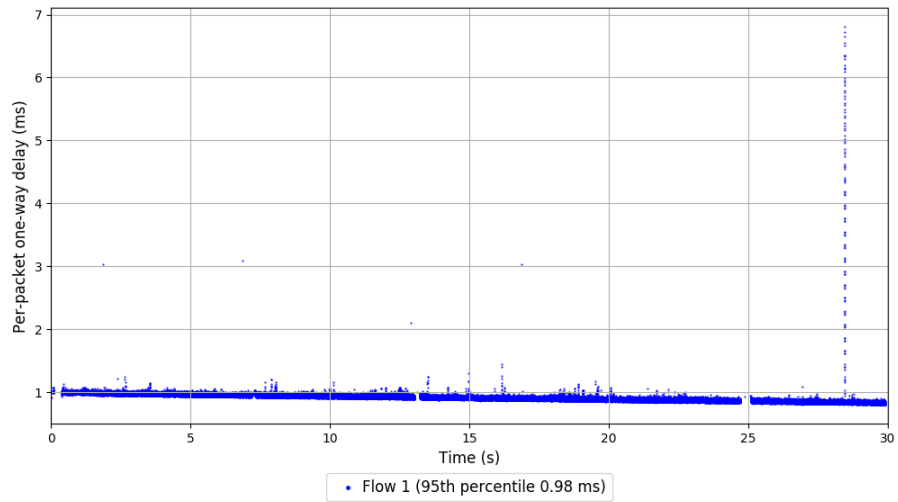
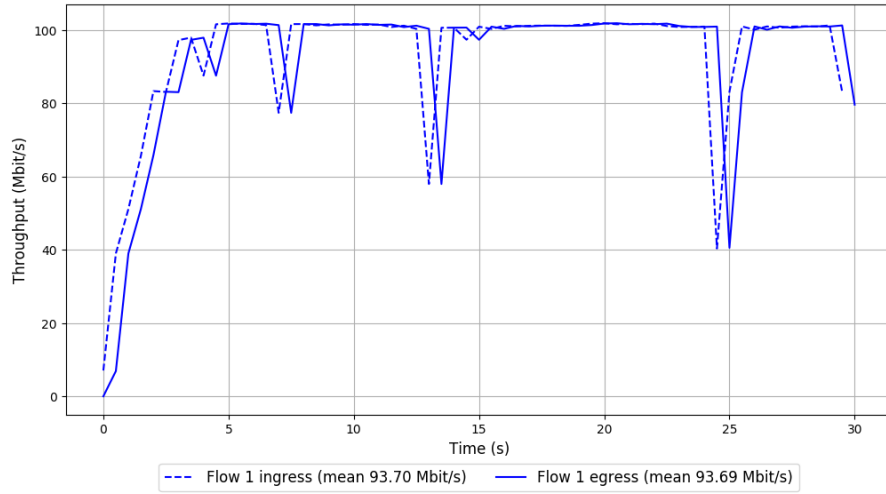
-- Flow 1:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 0.980 ms

Loss rate: 0.07%

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



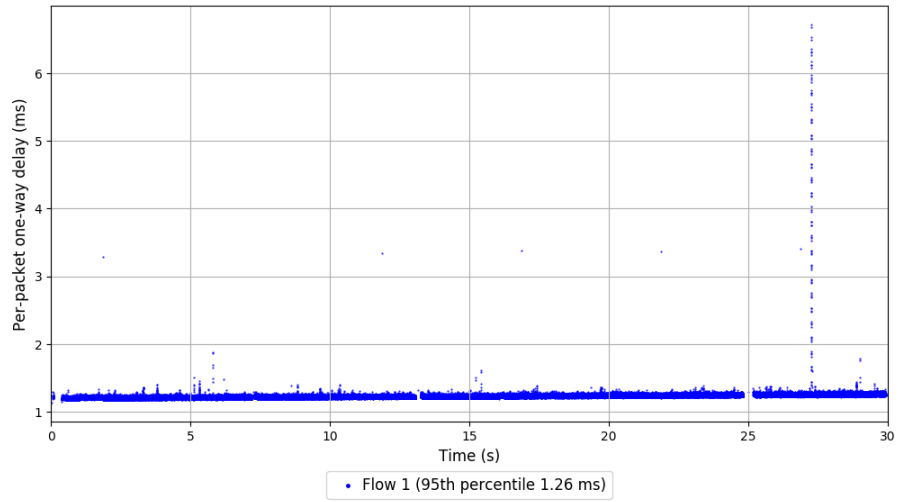
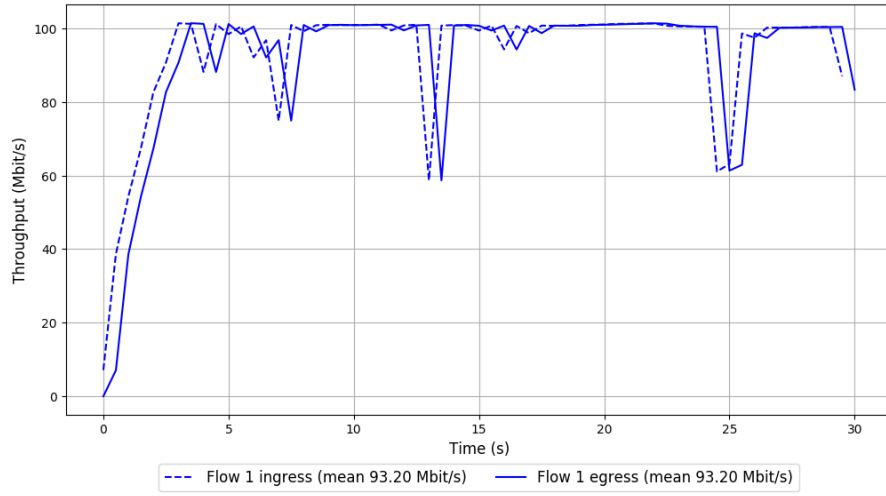
Run 7: Statistics of QUIC Cubic

Start at: 2018-08-22 13:45:40  
End at: 2018-08-22 13:46:10  
Local clock offset: -1.507 ms  
Remote clock offset: -0.676 ms

# Below is generated by plot.py at 2018-08-22 17:09:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.20 Mbit/s  
95th percentile per-packet one-way delay: 1.265 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 93.20 Mbit/s  
95th percentile per-packet one-way delay: 1.265 ms  
Loss rate: 0.07%



Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-22 14:11:37

End at: 2018-08-22 14:12:07

Local clock offset: -2.743 ms

Remote clock offset: 4.357 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.41 Mbit/s

95th percentile per-packet one-way delay: 1.121 ms

Loss rate: 0.07%

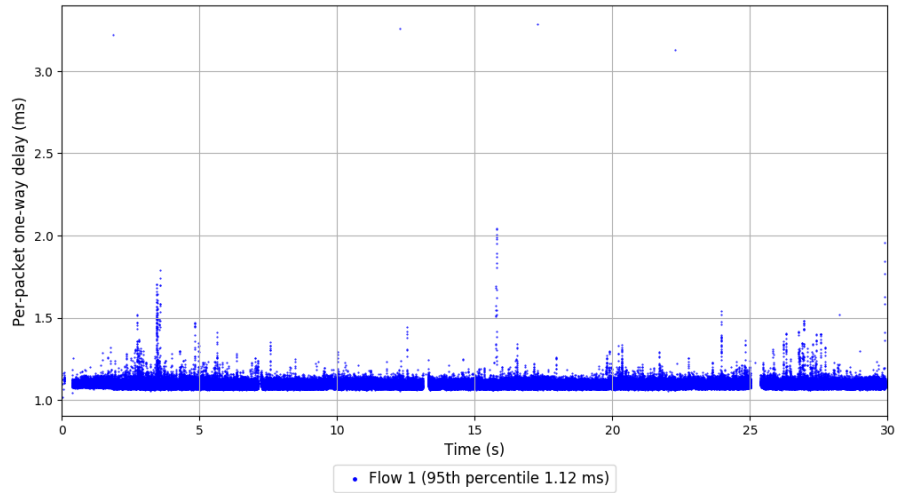
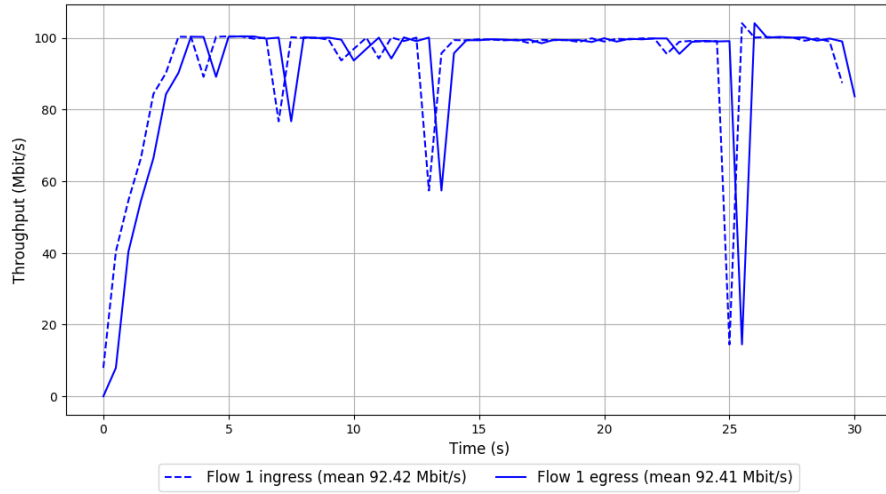
-- Flow 1:

Average throughput: 92.41 Mbit/s

95th percentile per-packet one-way delay: 1.121 ms

Loss rate: 0.07%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-08-22 14:37:38

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

Local clock offset: -1.991 ms

Remote clock offset: 0.366 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.60 Mbit/s

95th percentile per-packet one-way delay: 0.830 ms

Loss rate: 0.08%

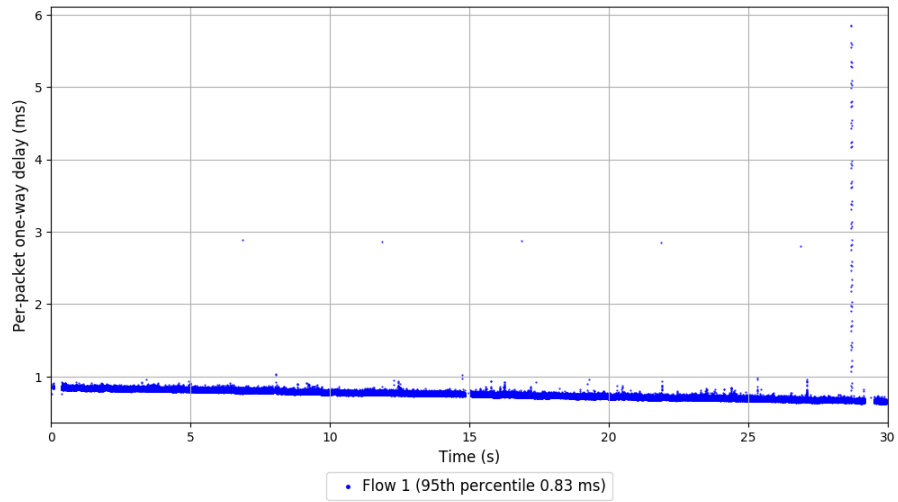
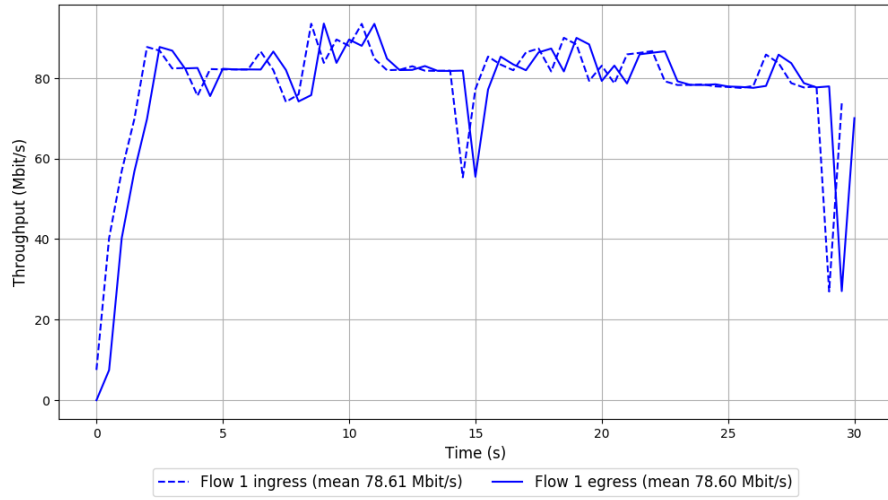
-- Flow 1:

Average throughput: 78.60 Mbit/s

95th percentile per-packet one-way delay: 0.830 ms

Loss rate: 0.08%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-22 15:03:39

End at: 2018-08-22 15:04:09

Local clock offset: 1.062 ms

Remote clock offset: -0.42 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.31 Mbit/s

95th percentile per-packet one-way delay: 1.010 ms

Loss rate: 0.06%

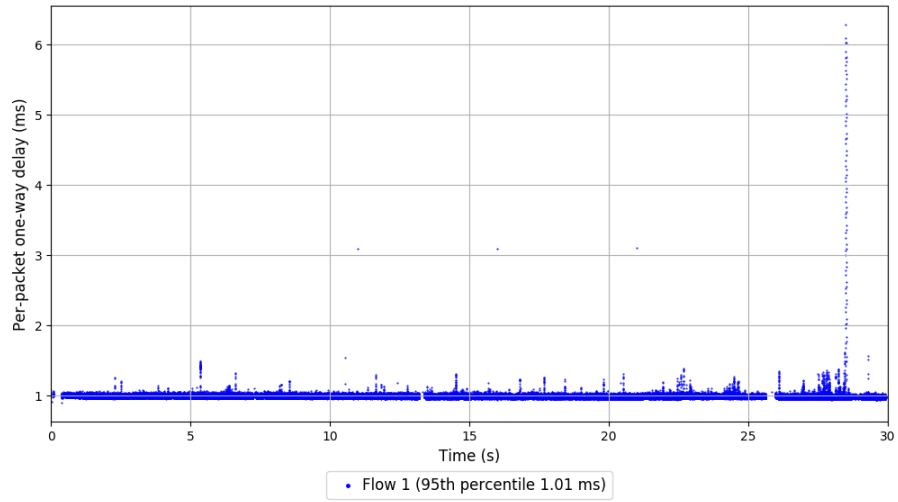
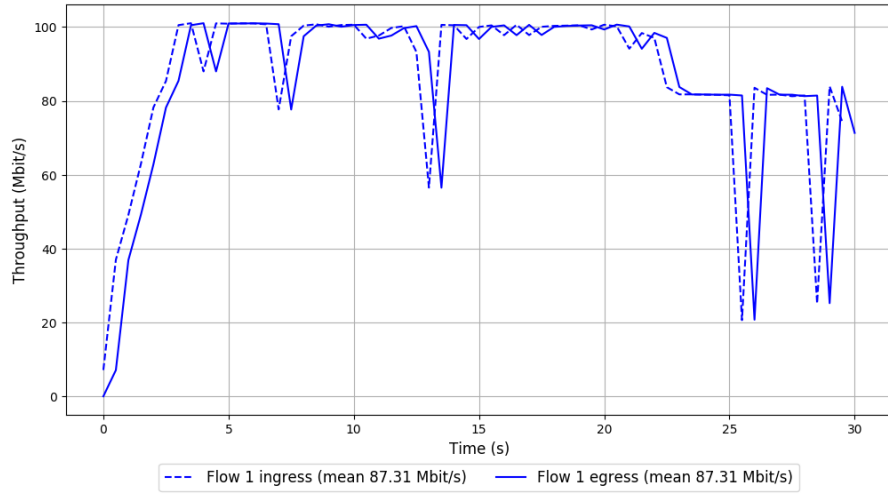
-- Flow 1:

Average throughput: 87.31 Mbit/s

95th percentile per-packet one-way delay: 1.010 ms

Loss rate: 0.06%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2018-08-22 11:21:36

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

Local clock offset: 0.786 ms

Remote clock offset: -3.31 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.231 ms

Loss rate: 0.13%

-- Flow 1:

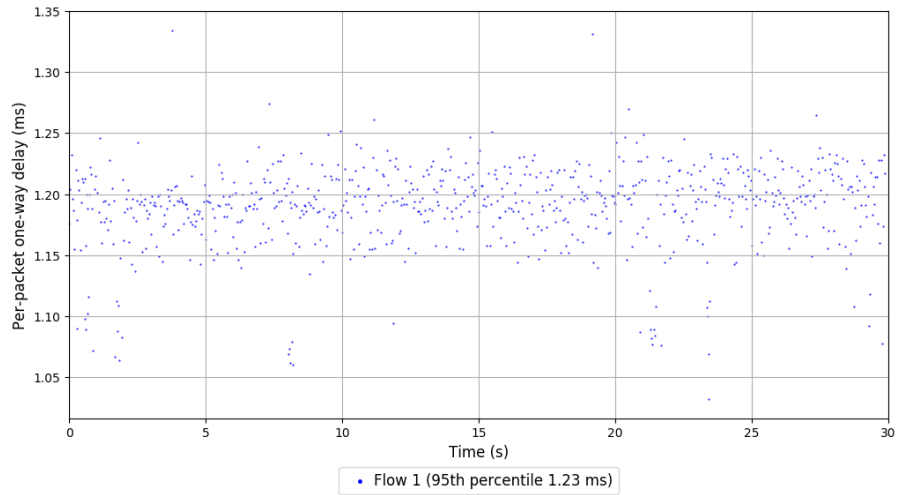
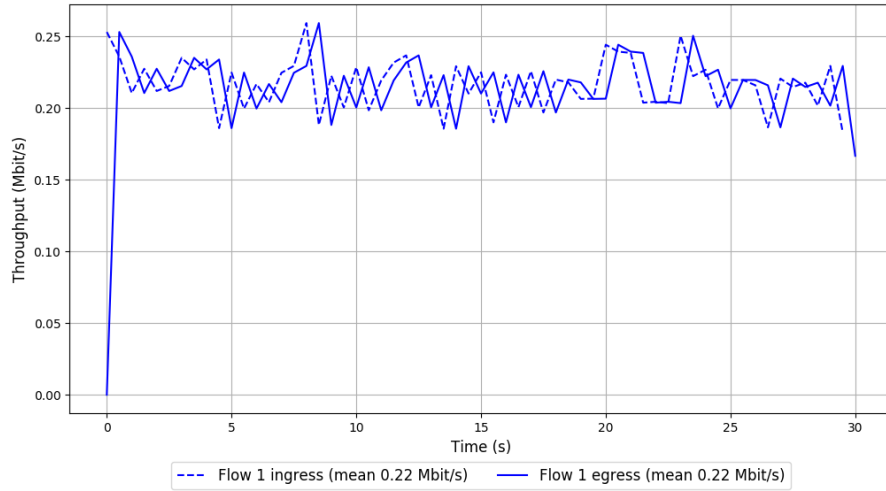
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.231 ms

Loss rate: 0.13%



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



Run 2: Statistics of SCReAM

Start at: 2018-08-22 11:47:28

End at: 2018-08-22 11:47:58

Local clock offset: 0.688 ms

Remote clock offset: 4.247 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.279 ms

Loss rate: 0.13%

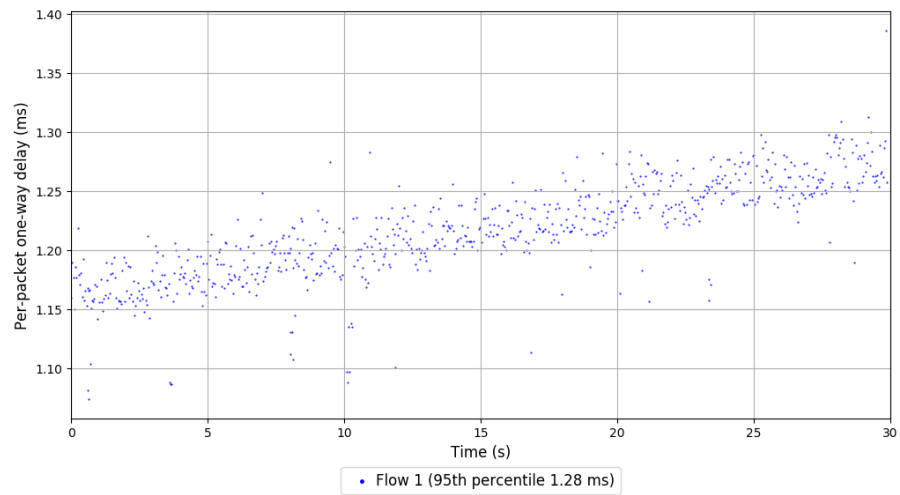
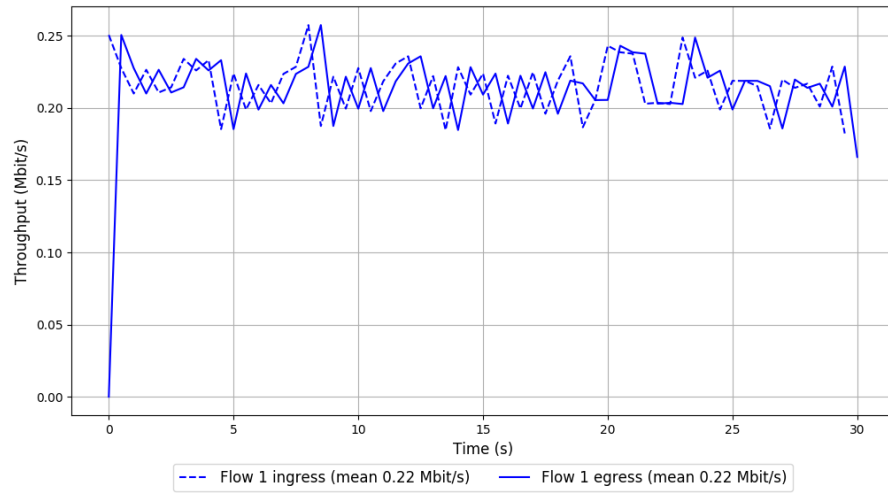
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.279 ms

Loss rate: 0.13%

## Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-08-22 12:13:09

End at: 2018-08-22 12:13:39

Local clock offset: 0.535 ms

Remote clock offset: 2.514 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.056 ms

Loss rate: 0.00%

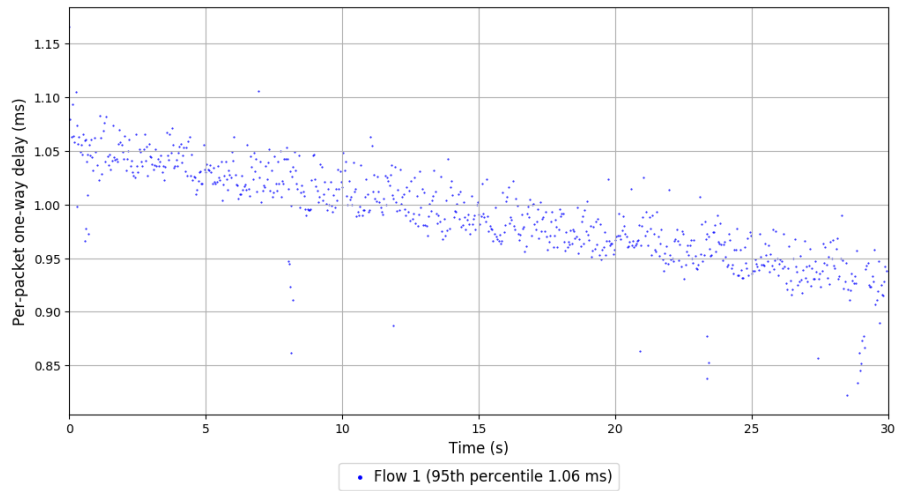
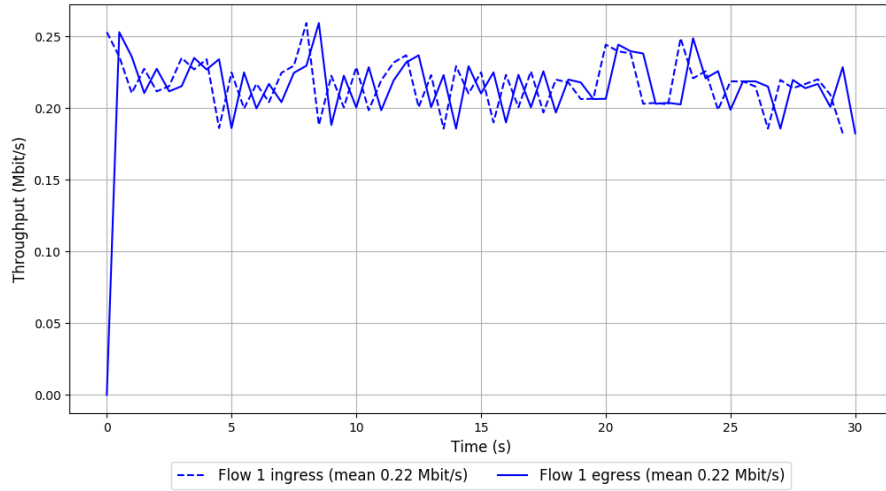
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.056 ms

Loss rate: 0.00%

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



Run 4: Statistics of SCReAM

Start at: 2018-08-22 12:38:59

End at: 2018-08-22 12:39:29

Local clock offset: -0.067 ms

Remote clock offset: 0.688 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.602 ms

Loss rate: 0.00%

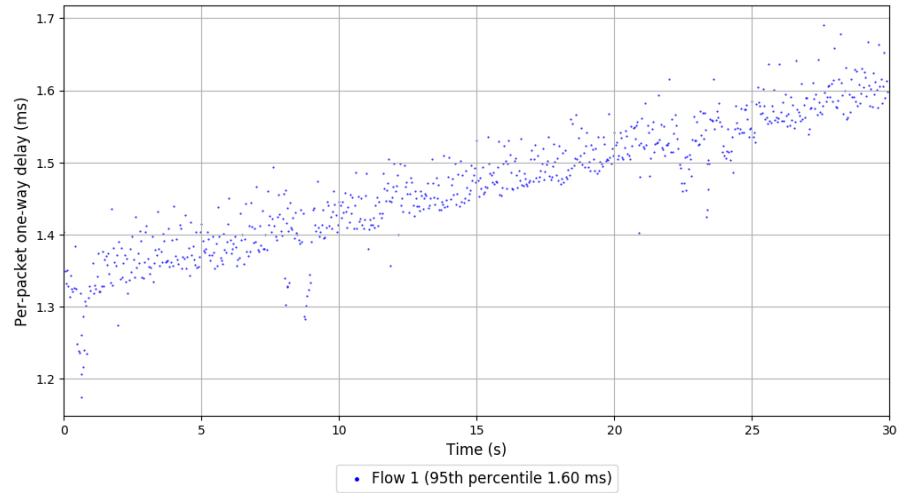
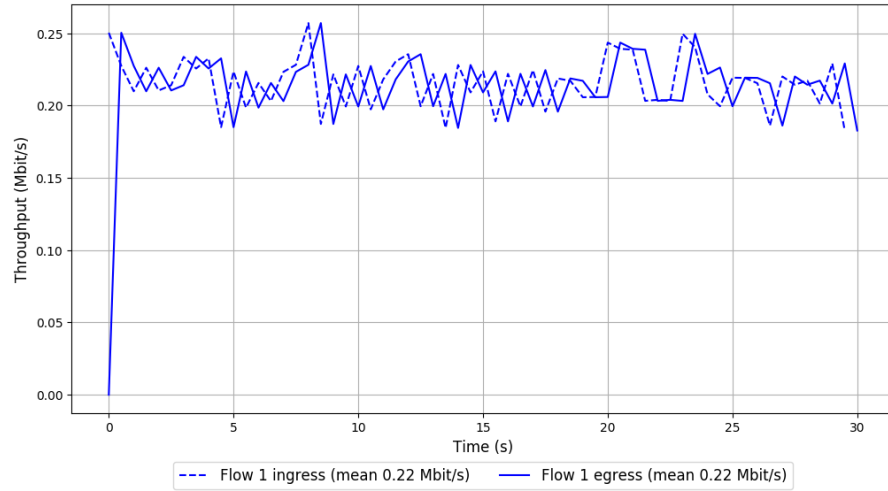
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.602 ms

Loss rate: 0.00%

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



Run 5: Statistics of SCReAM

Start at: 2018-08-22 13:05:02

End at: 2018-08-22 13:05:32

Local clock offset: -3.224 ms

Remote clock offset: 3.717 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.13%

-- Flow 1:

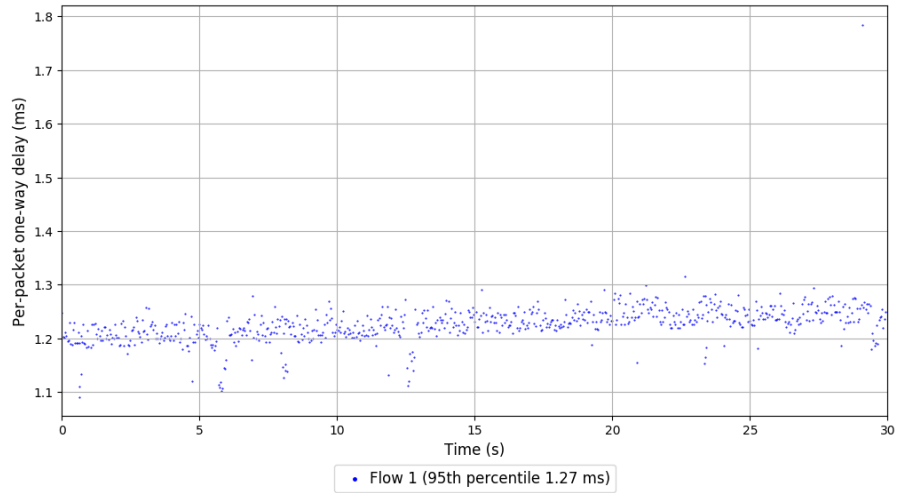
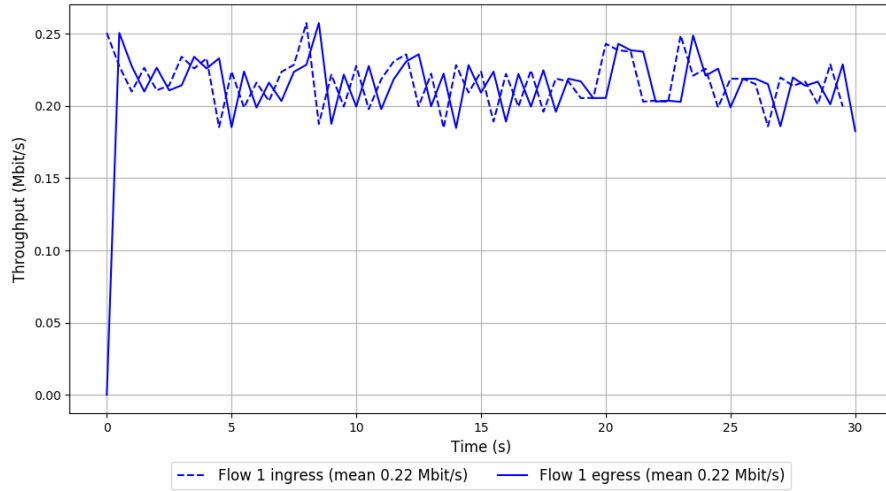
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.13%



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



Run 6: Statistics of SCReAM

Start at: 2018-08-22 13:30:46

End at: 2018-08-22 13:31:16

Local clock offset: 0.347 ms

Remote clock offset: 0.143 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.978 ms

Loss rate: 0.13%

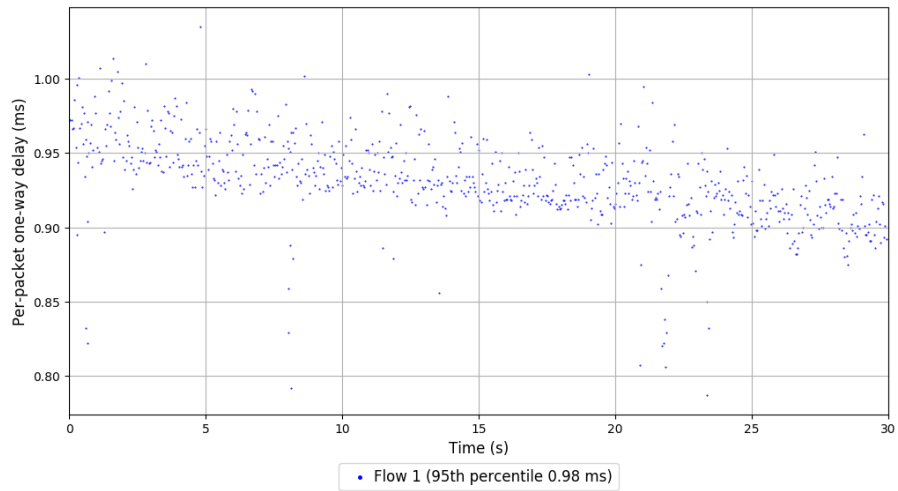
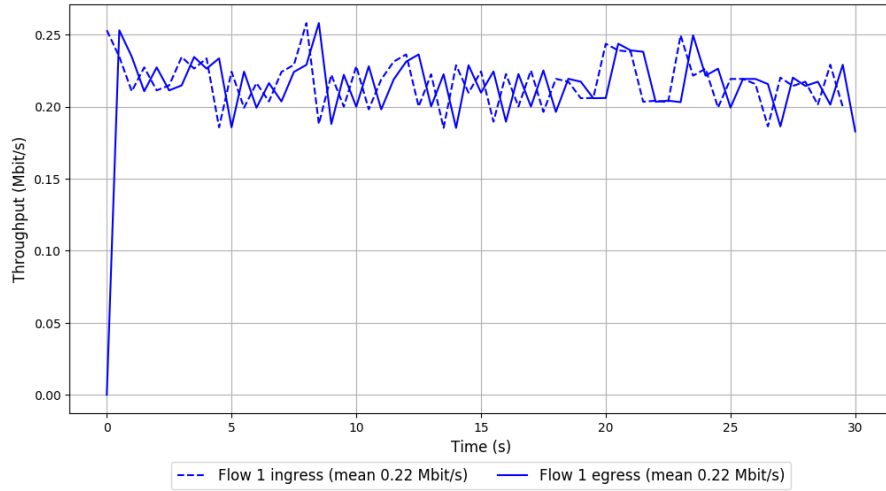
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.978 ms

Loss rate: 0.13%

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



Run 7: Statistics of SCReAM

Start at: 2018-08-22 13:56:33

End at: 2018-08-22 13:57:03

Local clock offset: -2.704 ms

Remote clock offset: 2.522 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.393 ms

Loss rate: 0.00%

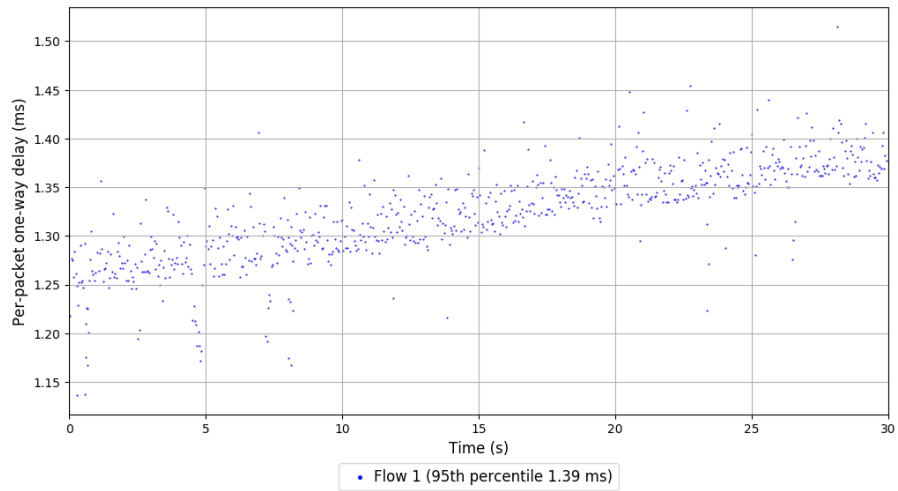
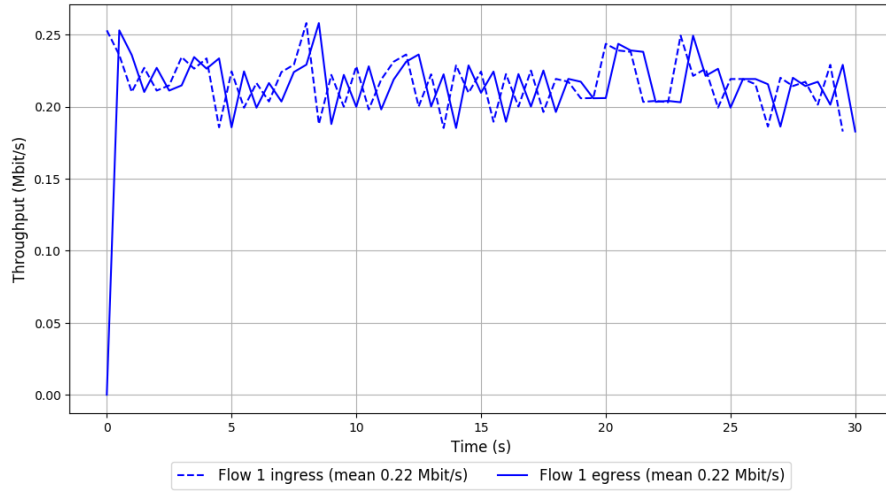
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.393 ms

Loss rate: 0.00%

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



Run 8: Statistics of SCReAM

Start at: 2018-08-22 14:22:36

End at: 2018-08-22 14:23:06

Local clock offset: -2.331 ms

Remote clock offset: 4.184 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.873 ms

Loss rate: 0.13%

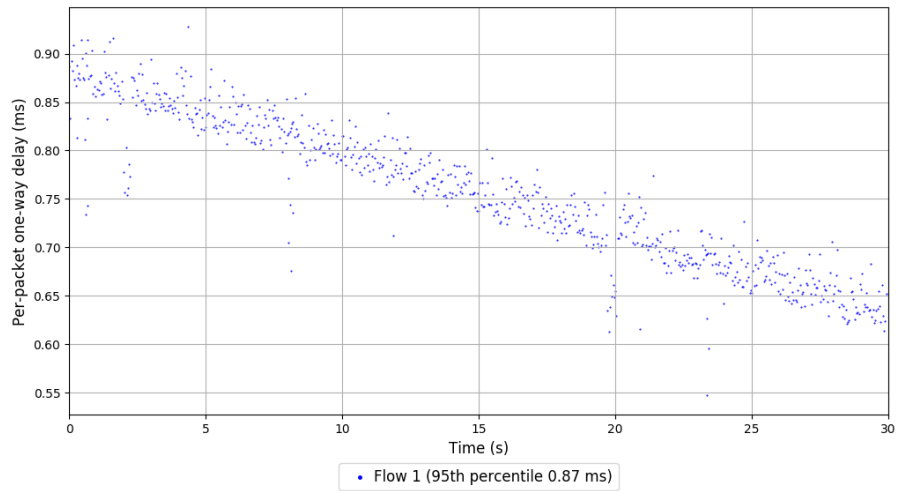
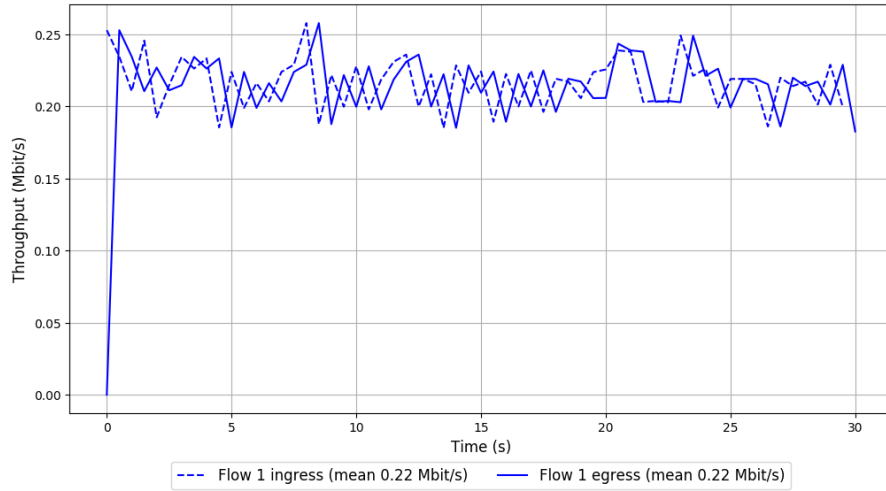
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 0.873 ms

Loss rate: 0.13%

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



Run 9: Statistics of SCReAM

Start at: 2018-08-22 14:48:37

End at: 2018-08-22 14:49:07

Local clock offset: 0.107 ms

Remote clock offset: -0.282 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.00%

-- Flow 1:

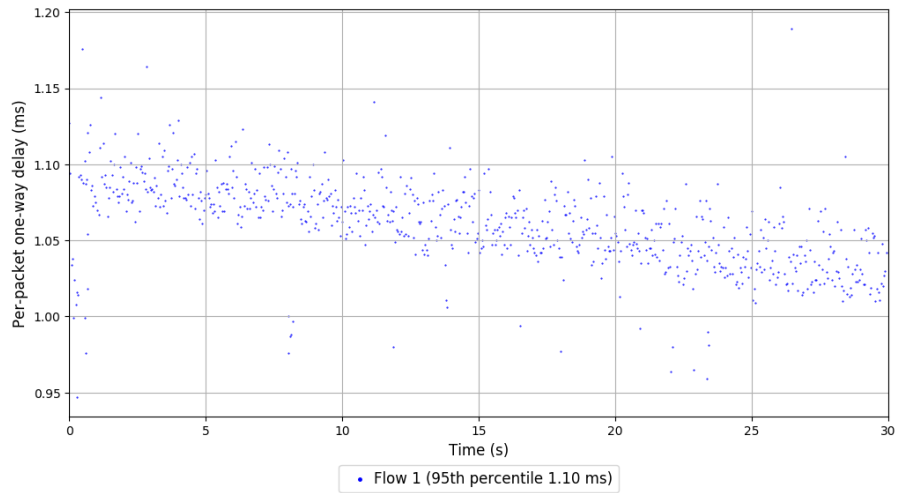
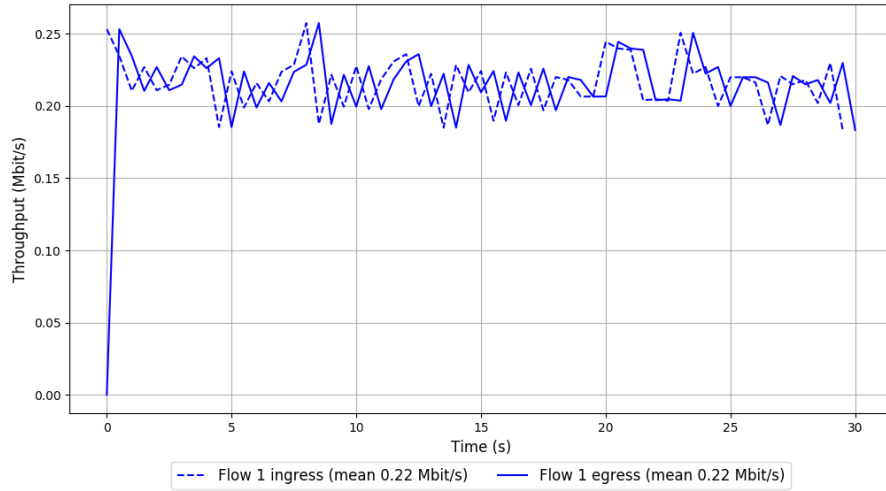
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.103 ms

Loss rate: 0.00%



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



Run 10: Statistics of SReAM

Start at: 2018-08-22 15:14:36

End at: 2018-08-22 15:15:06

Local clock offset: 0.96 ms

Remote clock offset: -0.405 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.021 ms

Loss rate: 0.13%

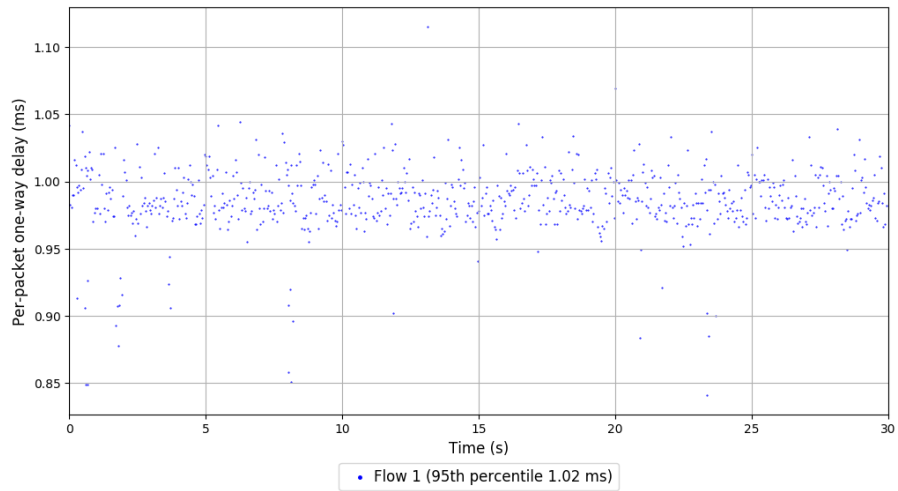
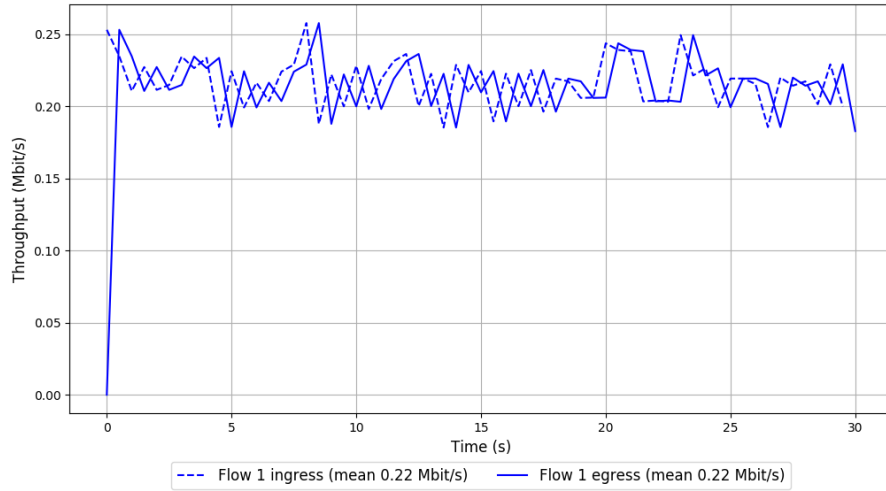
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.021 ms

Loss rate: 0.13%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of Sprout

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

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

Local clock offset: 0.785 ms

Remote clock offset: -3.336 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.36 Mbit/s

95th percentile per-packet one-way delay: 1.150 ms

Loss rate: 0.16%

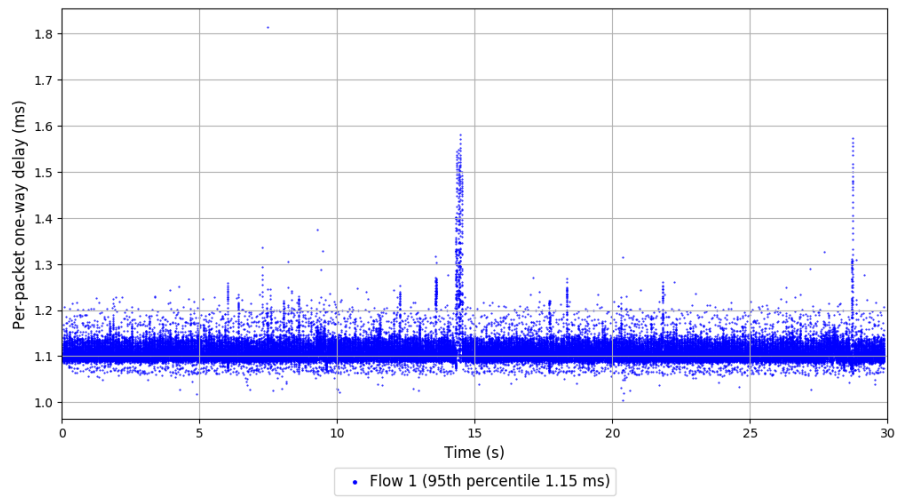
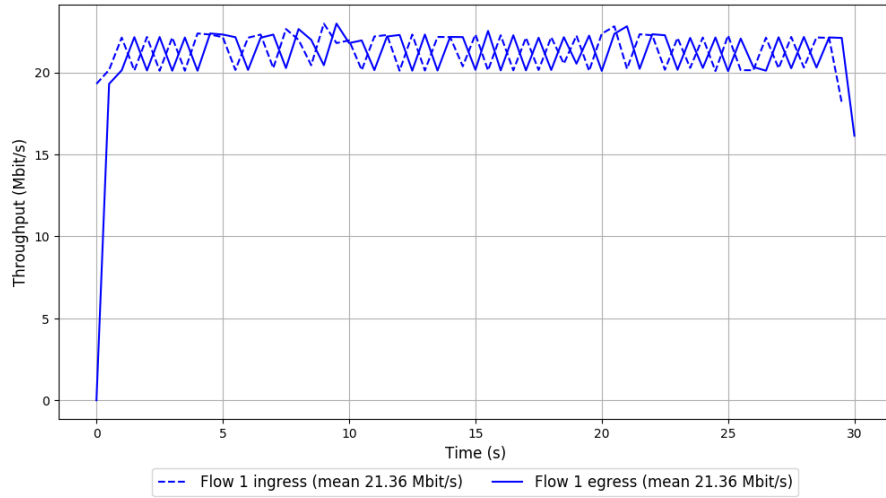
-- Flow 1:

Average throughput: 21.36 Mbit/s

95th percentile per-packet one-way delay: 1.150 ms

Loss rate: 0.16%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-08-22 11:48:45

End at: 2018-08-22 11:49:15

Local clock offset: 0.676 ms

Remote clock offset: 4.423 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.79 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.00%

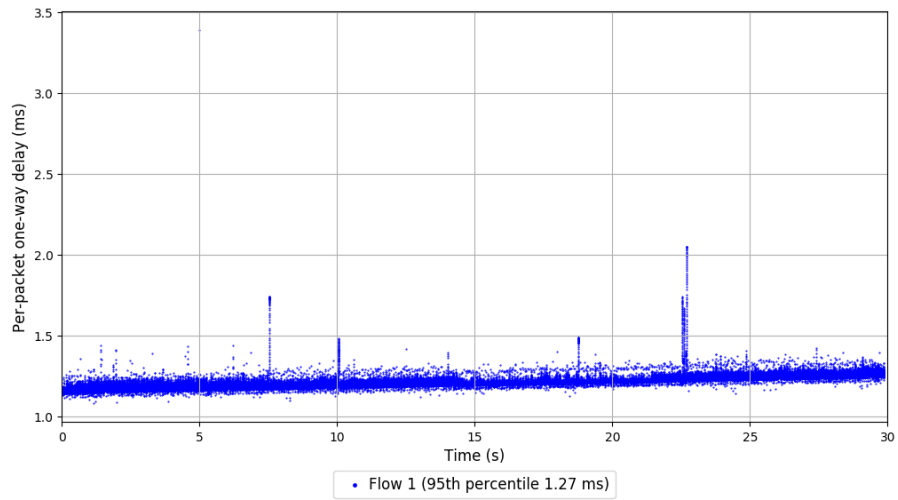
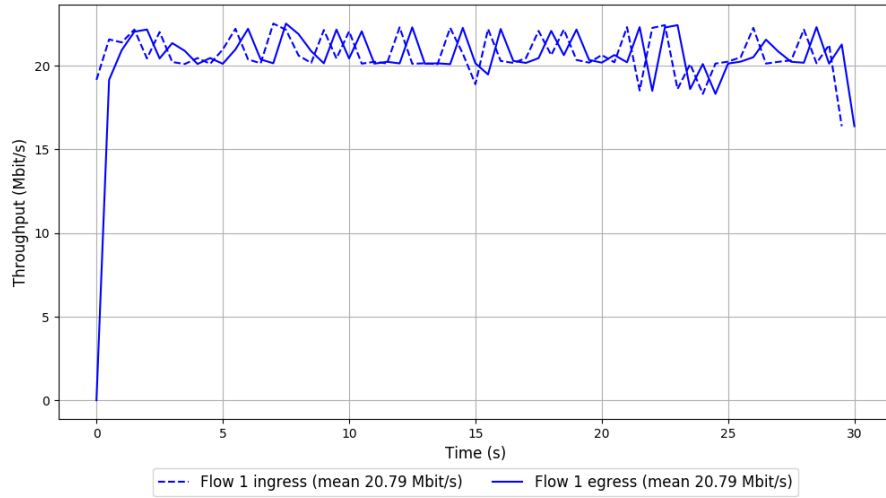
-- Flow 1:

Average throughput: 20.79 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-08-22 12:14:26

End at: 2018-08-22 12:14:56

Local clock offset: 0.61 ms

Remote clock offset: 2.3 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.60 Mbit/s

95th percentile per-packet one-way delay: 0.942 ms

Loss rate: 0.16%

-- Flow 1:

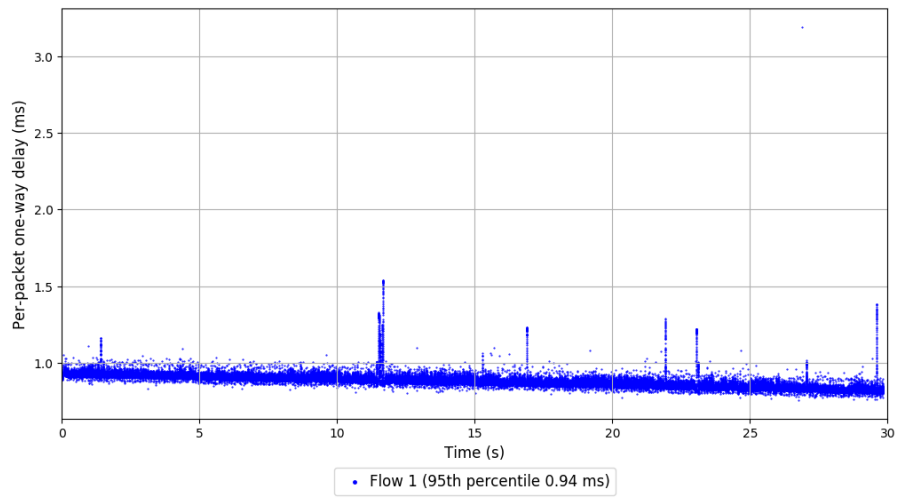
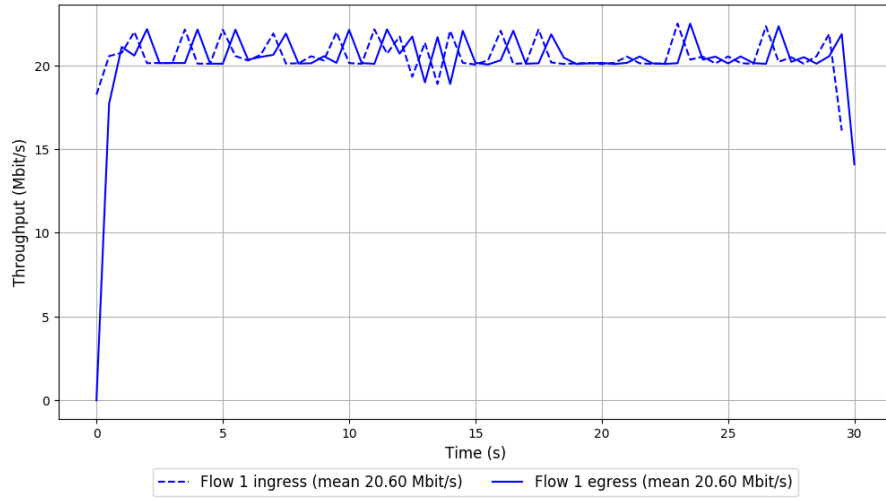
Average throughput: 20.60 Mbit/s

95th percentile per-packet one-way delay: 0.942 ms

Loss rate: 0.16%



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



Run 4: Statistics of Sprout

Start at: 2018-08-22 12:40:17

End at: 2018-08-22 12:40:47

Local clock offset: -0.342 ms

Remote clock offset: 1.012 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.32 Mbit/s

95th percentile per-packet one-way delay: 1.570 ms

Loss rate: 0.00%

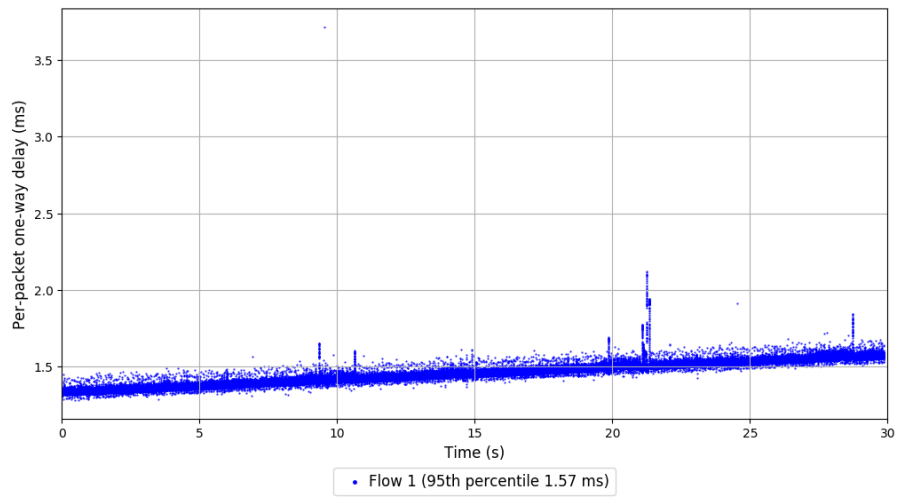
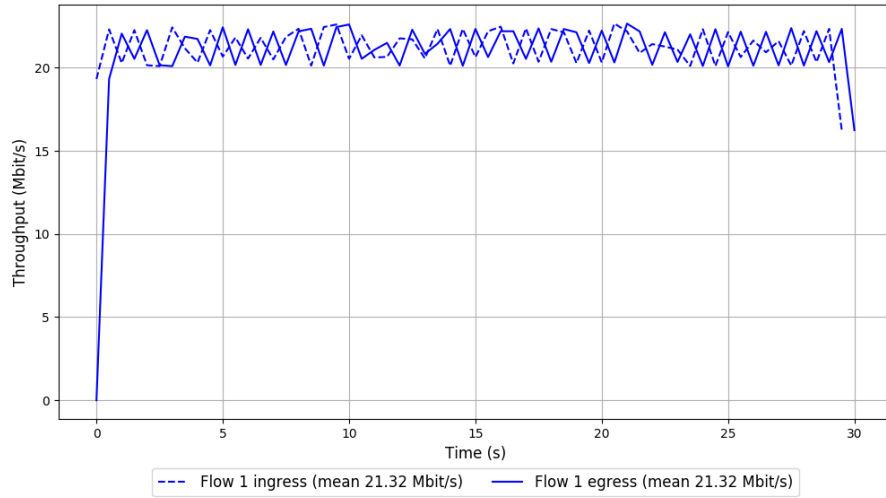
-- Flow 1:

Average throughput: 21.32 Mbit/s

95th percentile per-packet one-way delay: 1.570 ms

Loss rate: 0.00%

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



Run 5: Statistics of Sprout

Start at: 2018-08-22 13:06:20

End at: 2018-08-22 13:06:50

Local clock offset: -3.344 ms

Remote clock offset: 3.856 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.50 Mbit/s

95th percentile per-packet one-way delay: 1.045 ms

Loss rate: 0.03%

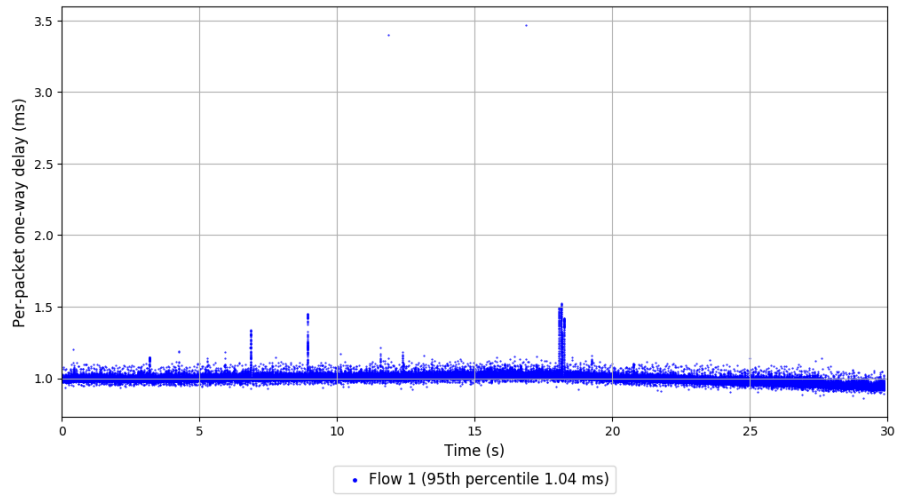
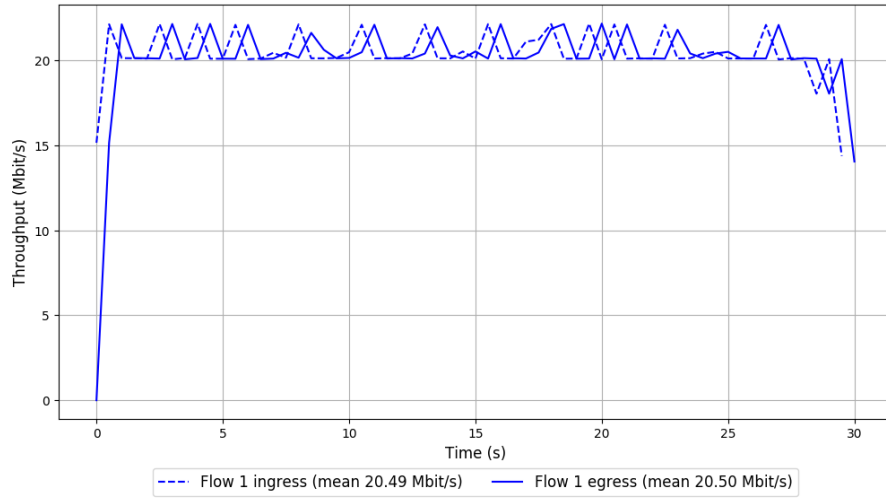
-- Flow 1:

Average throughput: 20.50 Mbit/s

95th percentile per-packet one-way delay: 1.045 ms

Loss rate: 0.03%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-08-22 13:32:03

End at: 2018-08-22 13:32:33

Local clock offset: 0.489 ms

Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.59 Mbit/s

95th percentile per-packet one-way delay: 1.033 ms

Loss rate: 0.16%

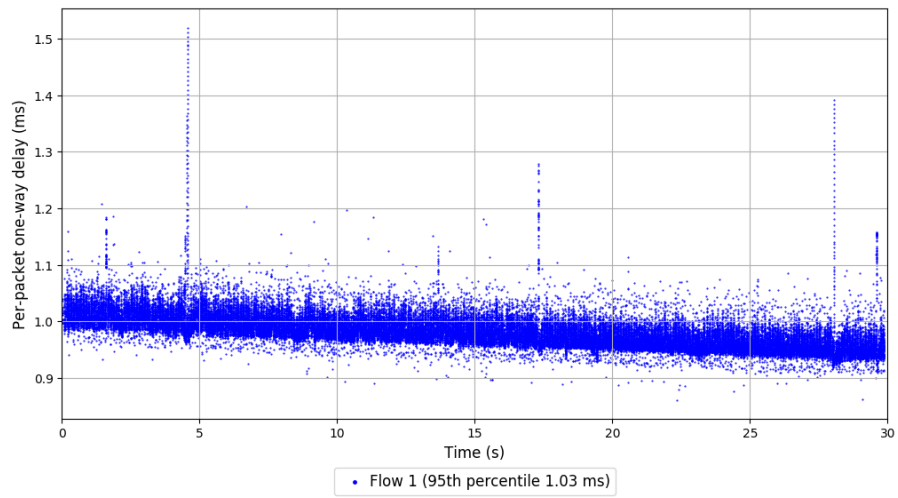
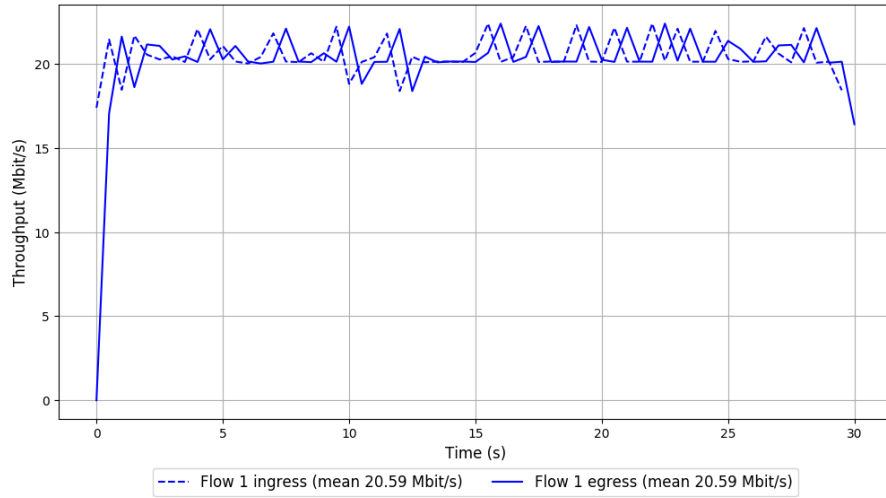
-- Flow 1:

Average throughput: 20.59 Mbit/s

95th percentile per-packet one-way delay: 1.033 ms

Loss rate: 0.16%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-08-22 13:57:50

End at: 2018-08-22 13:58:20

Local clock offset: -2.804 ms

Remote clock offset: 2.745 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.95 Mbit/s

95th percentile per-packet one-way delay: 1.316 ms

Loss rate: 0.02%

-- Flow 1:

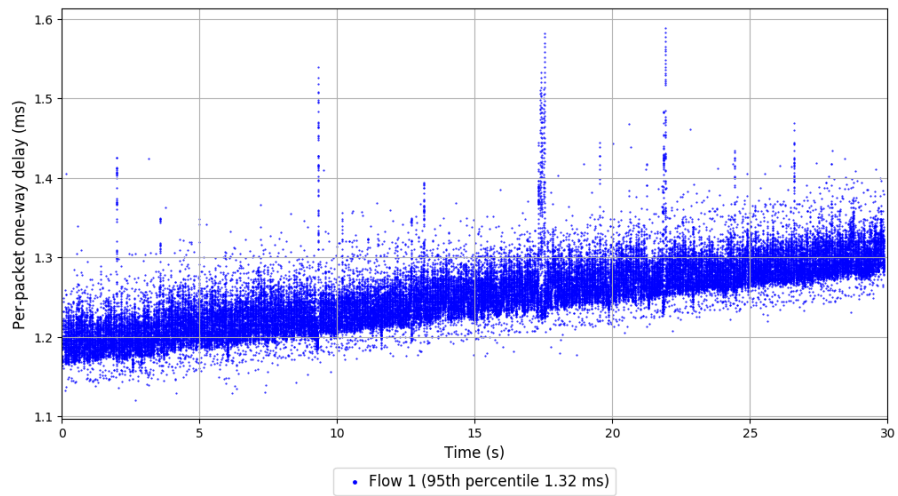
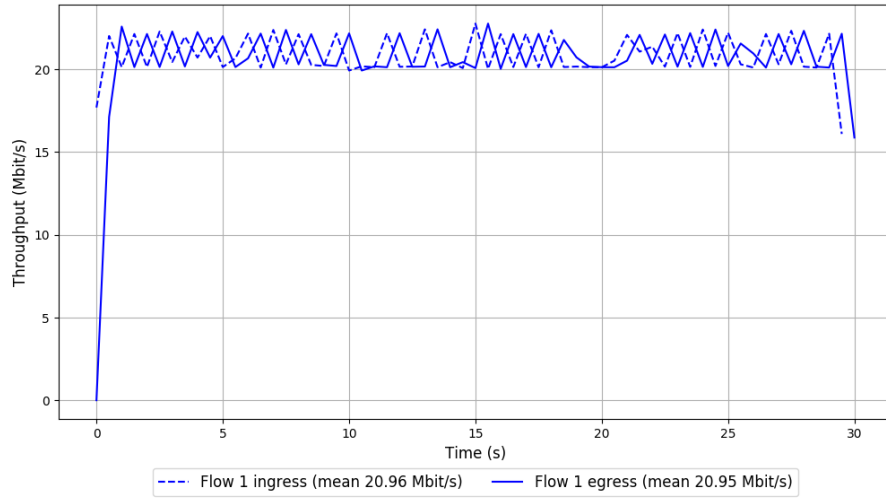
Average throughput: 20.95 Mbit/s

95th percentile per-packet one-way delay: 1.316 ms

Loss rate: 0.02%



Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-08-22 14:23:53

End at: 2018-08-22 14:24:23

Local clock offset: -2.179 ms

Remote clock offset: 3.554 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.53 Mbit/s

95th percentile per-packet one-way delay: 0.981 ms

Loss rate: 0.16%

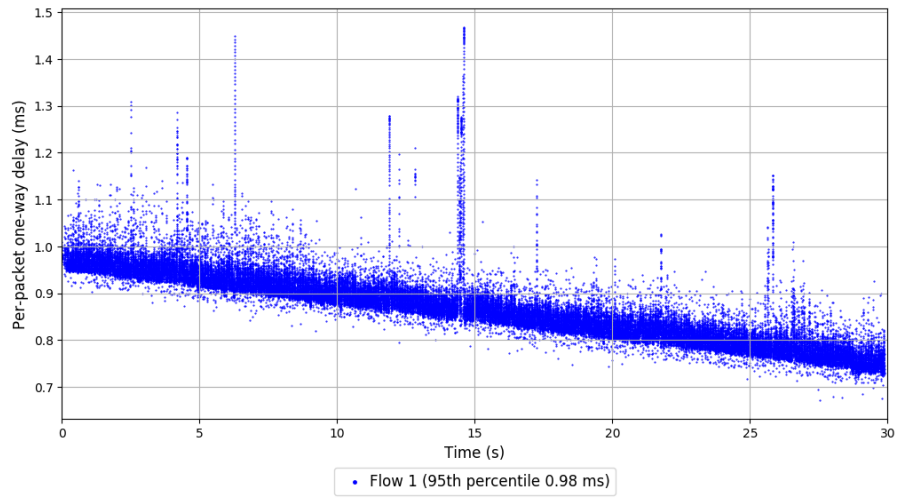
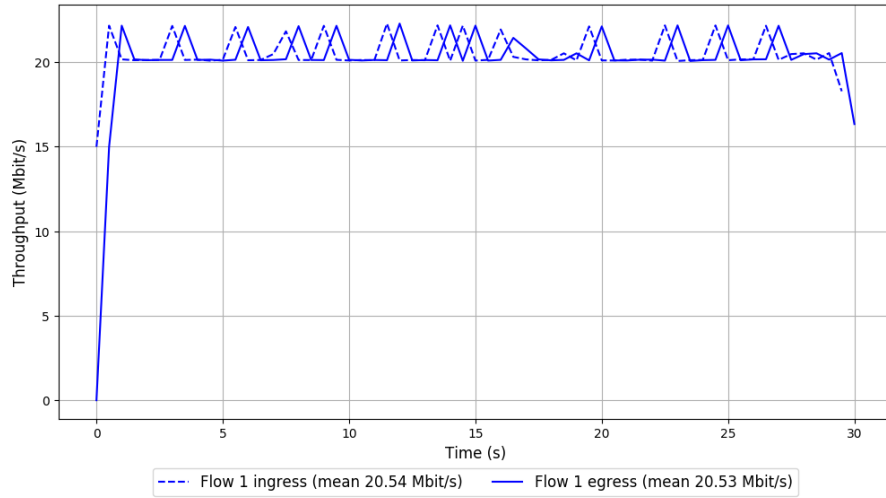
-- Flow 1:

Average throughput: 20.53 Mbit/s

95th percentile per-packet one-way delay: 0.981 ms

Loss rate: 0.16%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-08-22 14:49:55  
End at: 2018-08-22 14:50:25  
Local clock offset: 0.235 ms  
Remote clock offset: -0.338 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

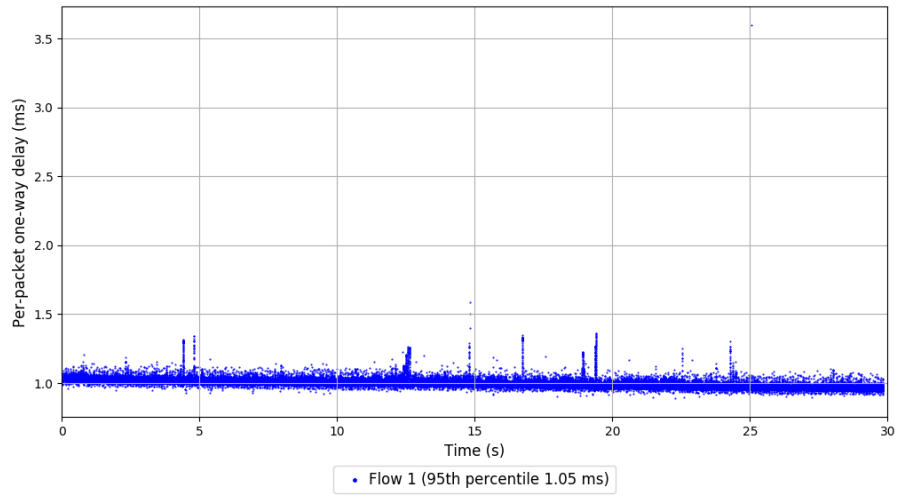
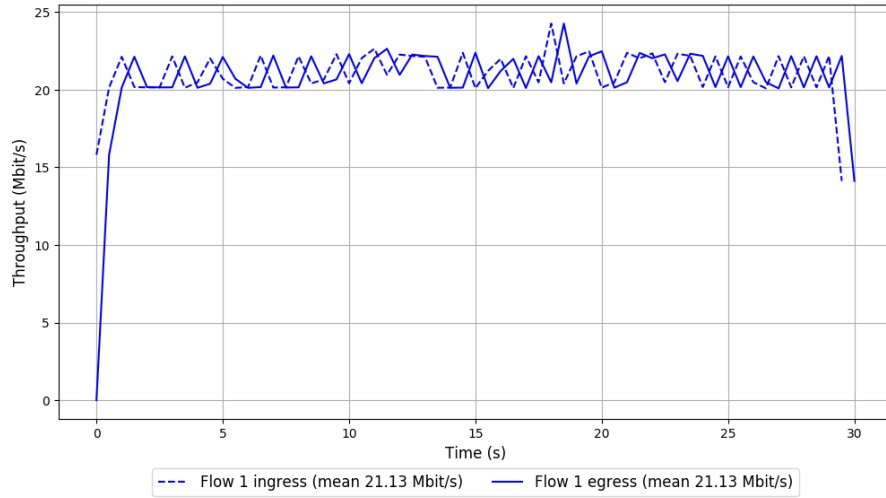
-- Total of 1 flow:

Average throughput: 21.13 Mbit/s  
95th percentile per-packet one-way delay: 1.046 ms  
Loss rate: 0.00%

-- Flow 1:

Average throughput: 21.13 Mbit/s  
95th percentile per-packet one-way delay: 1.046 ms  
Loss rate: 0.00%

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



Run 10: Statistics of Sprout

Start at: 2018-08-22 15:15:53

End at: 2018-08-22 15:16:23

Local clock offset: 0.94 ms

Remote clock offset: -0.543 ms

# Below is generated by plot.py at 2018-08-22 17:09:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 20.44 Mbit/s

95th percentile per-packet one-way delay: 1.040 ms

Loss rate: 0.16%

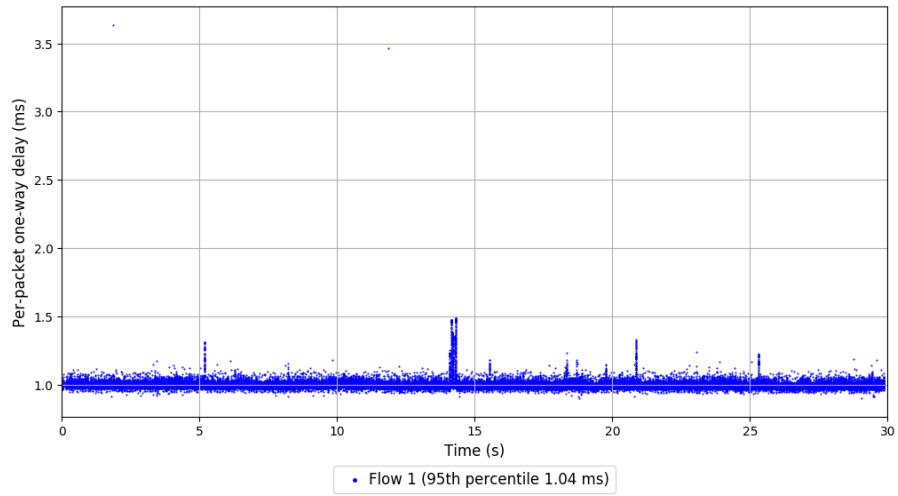
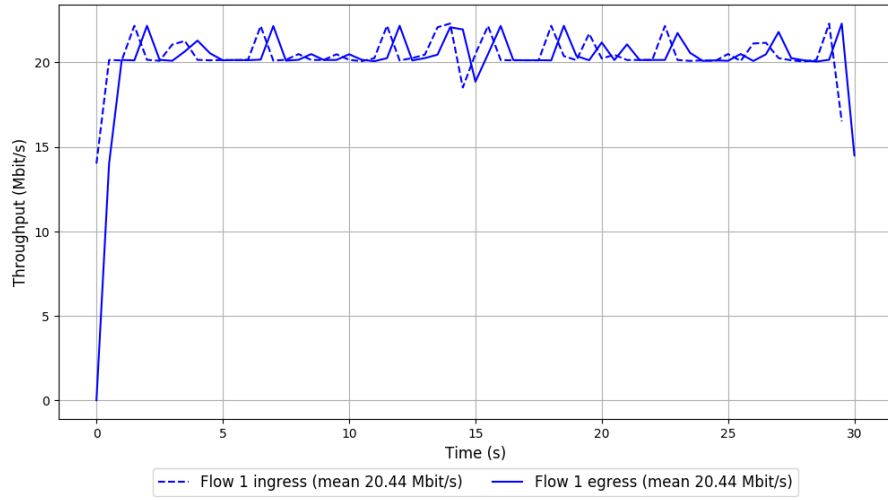
-- Flow 1:

Average throughput: 20.44 Mbit/s

95th percentile per-packet one-way delay: 1.040 ms

Loss rate: 0.16%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-08-22 11:02:47

End at: 2018-08-22 11:03:17

Local clock offset: 1.046 ms

Remote clock offset: -3.956 ms

# Below is generated by plot.py at 2018-08-22 17:12:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 274.18 Mbit/s

95th percentile per-packet one-way delay: 1.141 ms

Loss rate: 0.04%

-- Flow 1:

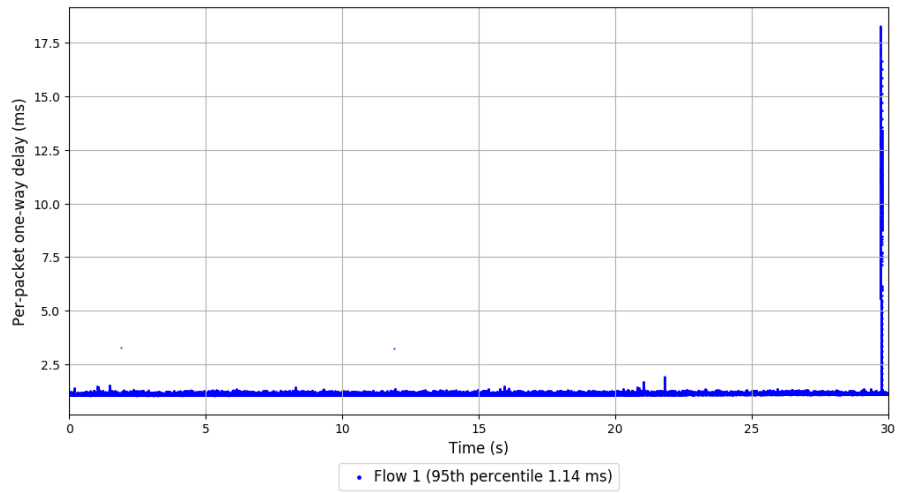
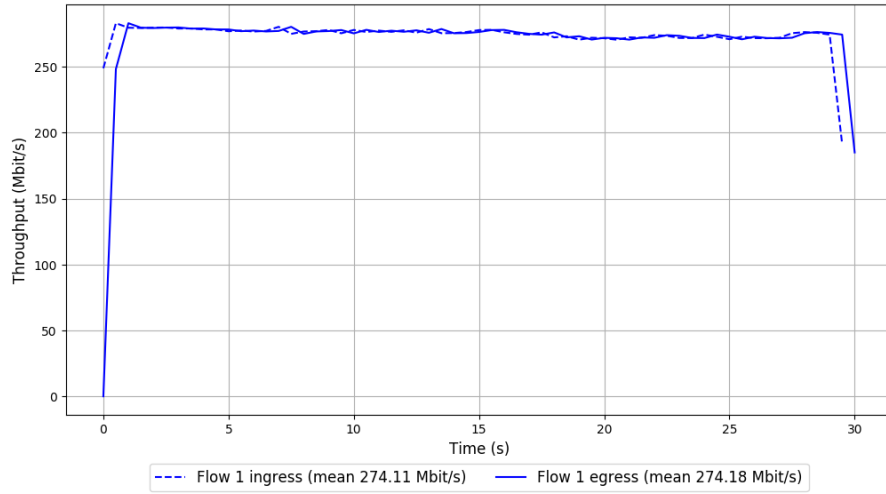
Average throughput: 274.18 Mbit/s

95th percentile per-packet one-way delay: 1.141 ms

Loss rate: 0.04%



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-08-22 11:28:40

End at: 2018-08-22 11:29:10

Local clock offset: 0.739 ms

Remote clock offset: -3.323 ms

# Below is generated by plot.py at 2018-08-22 17:12:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 268.59 Mbit/s

95th percentile per-packet one-way delay: 1.020 ms

Loss rate: 0.06%

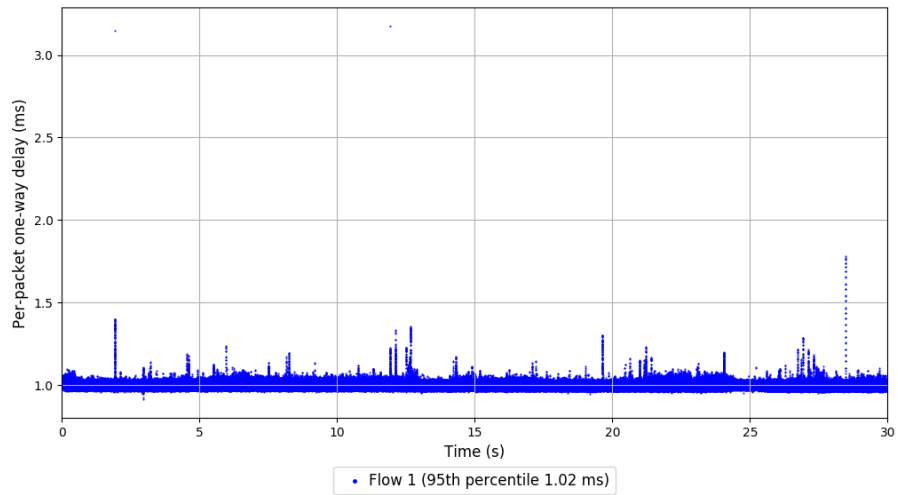
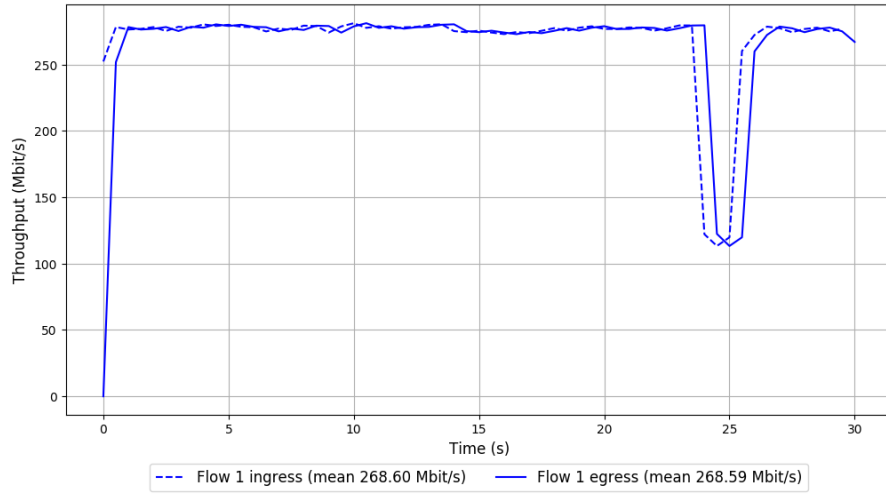
-- Flow 1:

Average throughput: 268.59 Mbit/s

95th percentile per-packet one-way delay: 1.020 ms

Loss rate: 0.06%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-22 11:54:35

End at: 2018-08-22 11:55:05

Local clock offset: 0.564 ms

Remote clock offset: 5.552 ms

# Below is generated by plot.py at 2018-08-22 17:12:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.08 Mbit/s

95th percentile per-packet one-way delay: 1.054 ms

Loss rate: 0.01%

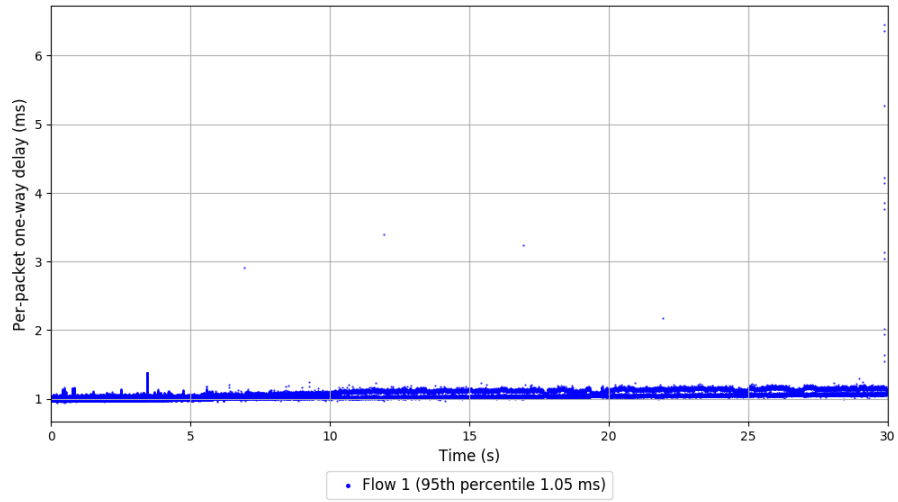
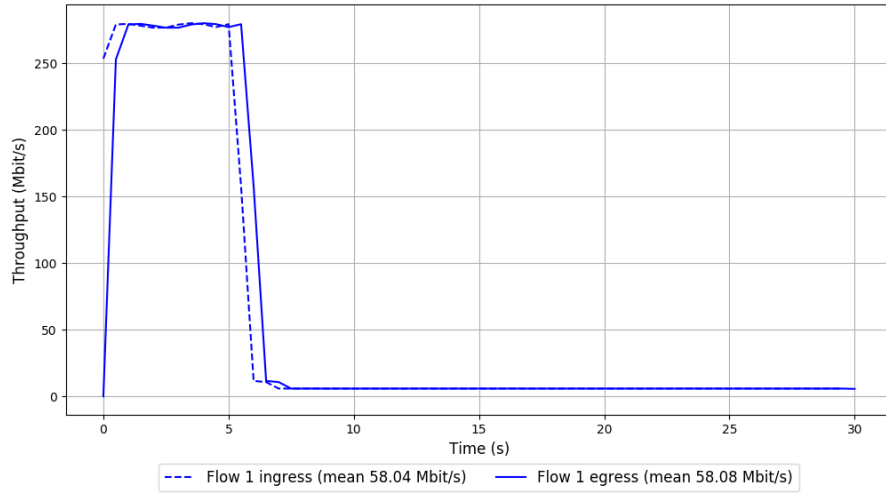
-- Flow 1:

Average throughput: 58.08 Mbit/s

95th percentile per-packet one-way delay: 1.054 ms

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-08-22 12:20:13

End at: 2018-08-22 12:20:43

Local clock offset: 0.595 ms

Remote clock offset: 1.238 ms

# Below is generated by plot.py at 2018-08-22 17:12:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 274.15 Mbit/s

95th percentile per-packet one-way delay: 1.026 ms

Loss rate: 0.07%

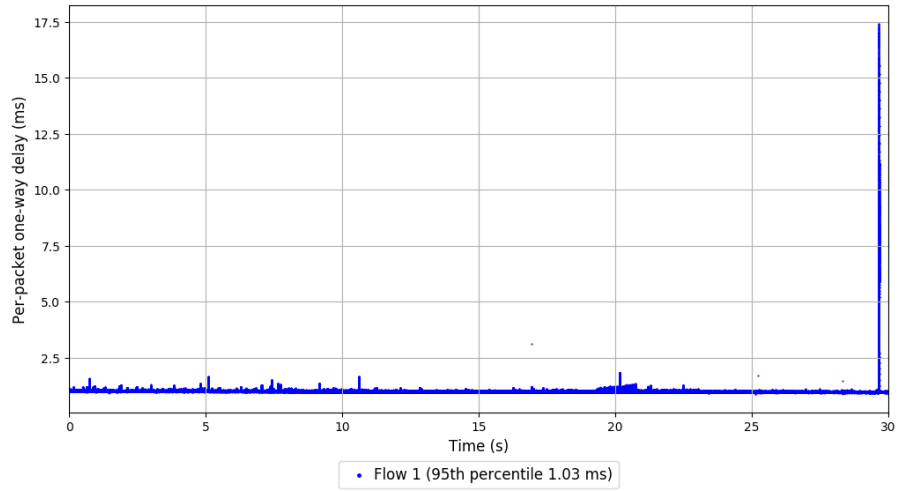
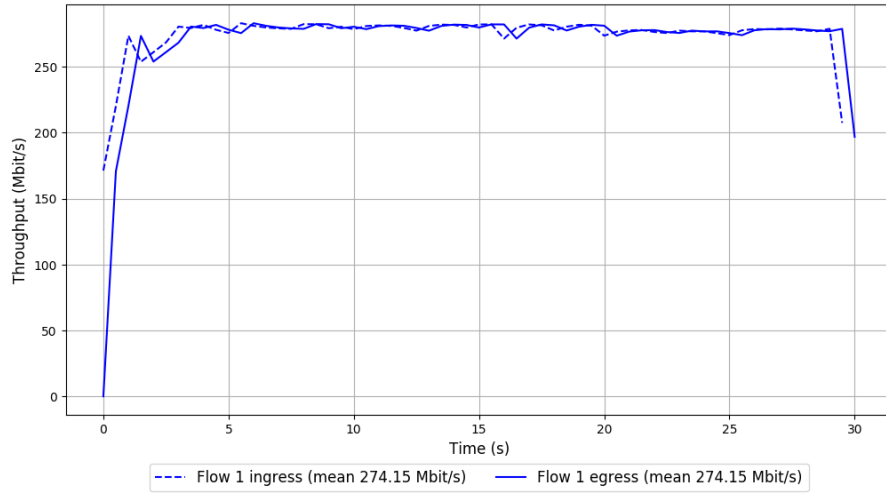
-- Flow 1:

Average throughput: 274.15 Mbit/s

95th percentile per-packet one-way delay: 1.026 ms

Loss rate: 0.07%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-08-22 12:46:07

End at: 2018-08-22 12:46:37

Local clock offset: -1.573 ms

Remote clock offset: 2.119 ms

# Below is generated by plot.py at 2018-08-22 17:13:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 281.78 Mbit/s

95th percentile per-packet one-way delay: 1.319 ms

Loss rate: 0.07%

-- Flow 1:

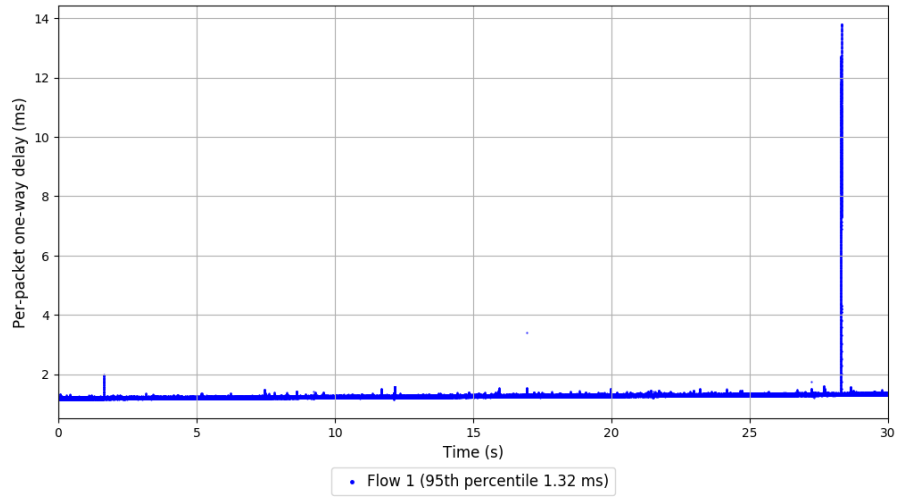
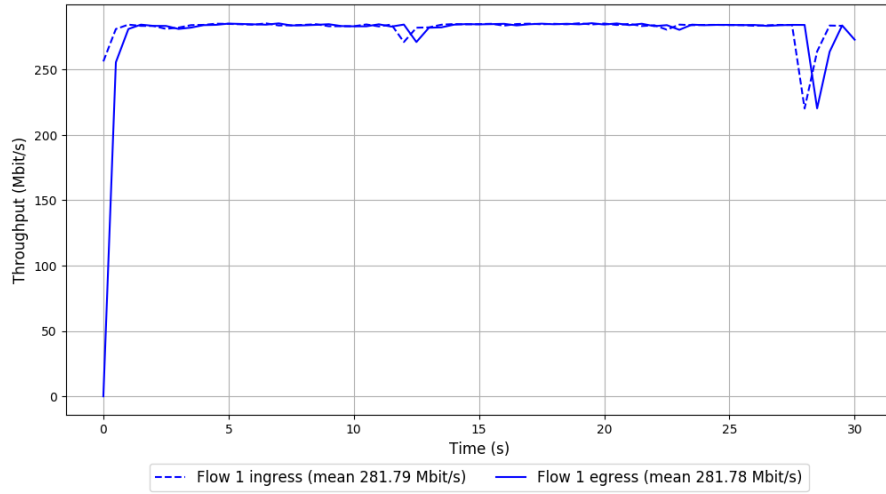
Average throughput: 281.78 Mbit/s

95th percentile per-packet one-way delay: 1.319 ms

Loss rate: 0.07%



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



Run 6: Statistics of TaoVA-100x

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

End at: 2018-08-22 13:12:38

Local clock offset: -1.665 ms

Remote clock offset: 4.023 ms

# Below is generated by plot.py at 2018-08-22 17:13:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 0.939 ms

Loss rate: 0.00%

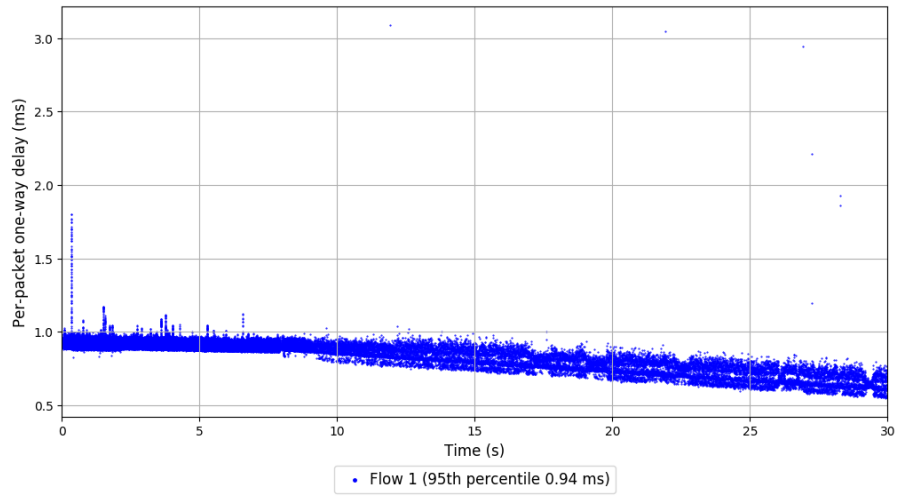
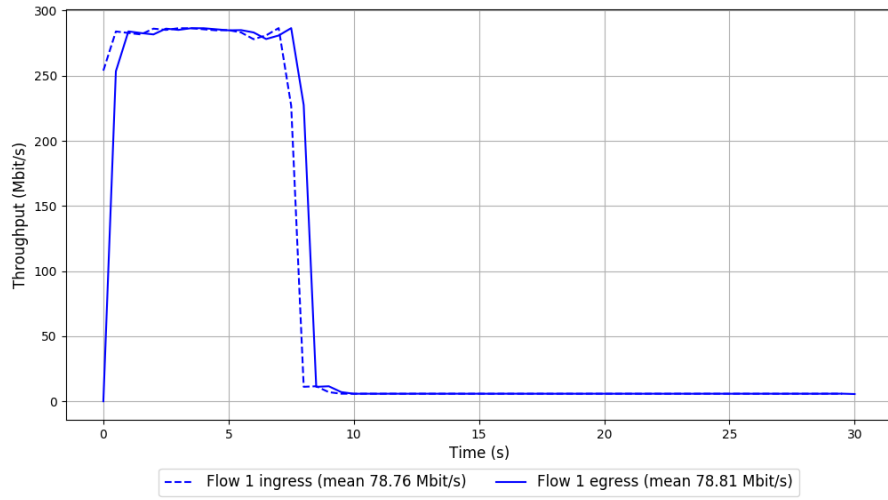
-- Flow 1:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 0.939 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-08-22 13:37:50

End at: 2018-08-22 13:38:20

Local clock offset: 0.436 ms

Remote clock offset: -0.266 ms

# Below is generated by plot.py at 2018-08-22 17:15:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 284.19 Mbit/s

95th percentile per-packet one-way delay: 1.331 ms

Loss rate: 0.07%

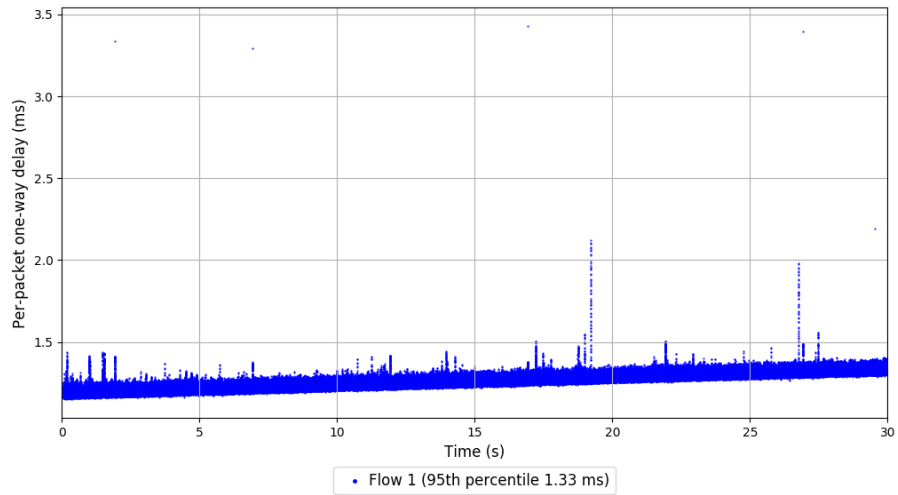
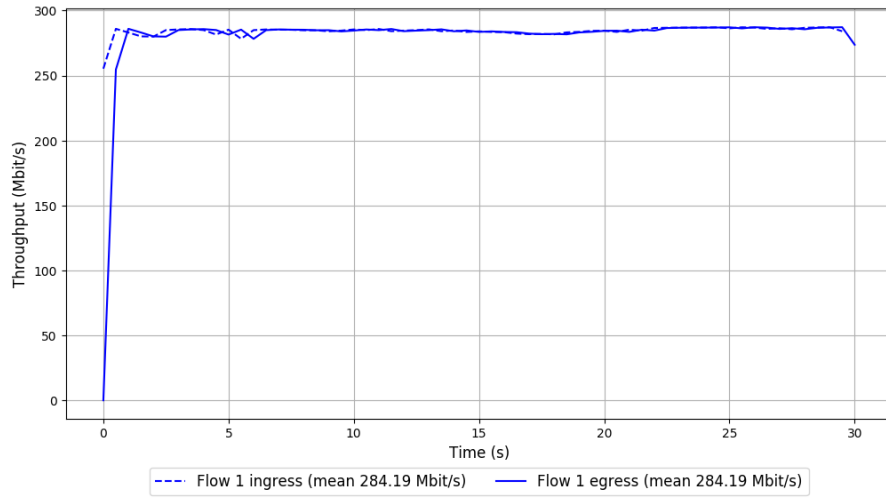
-- Flow 1:

Average throughput: 284.19 Mbit/s

95th percentile per-packet one-way delay: 1.331 ms

Loss rate: 0.07%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-08-22 14:03:40

End at: 2018-08-22 14:04:10

Local clock offset: -3.132 ms

Remote clock offset: 3.634 ms

# Below is generated by plot.py at 2018-08-22 17:15:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 280.22 Mbit/s

95th percentile per-packet one-way delay: 1.180 ms

Loss rate: 0.07%

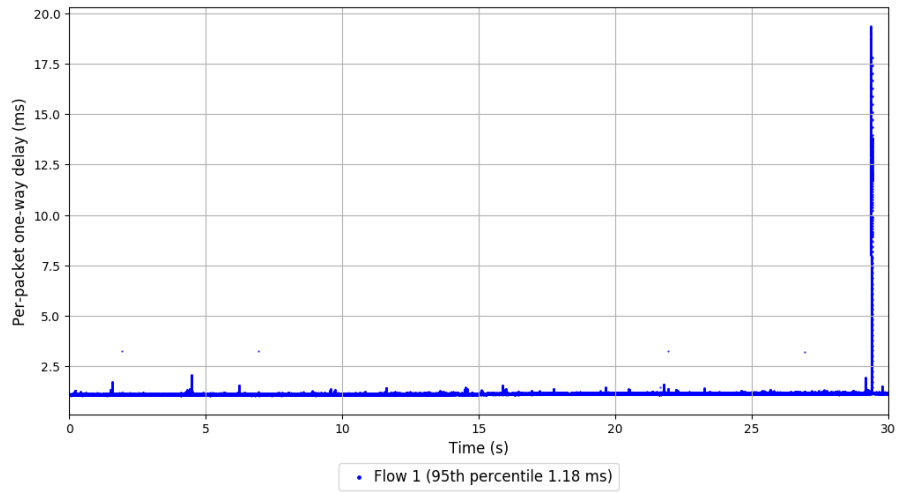
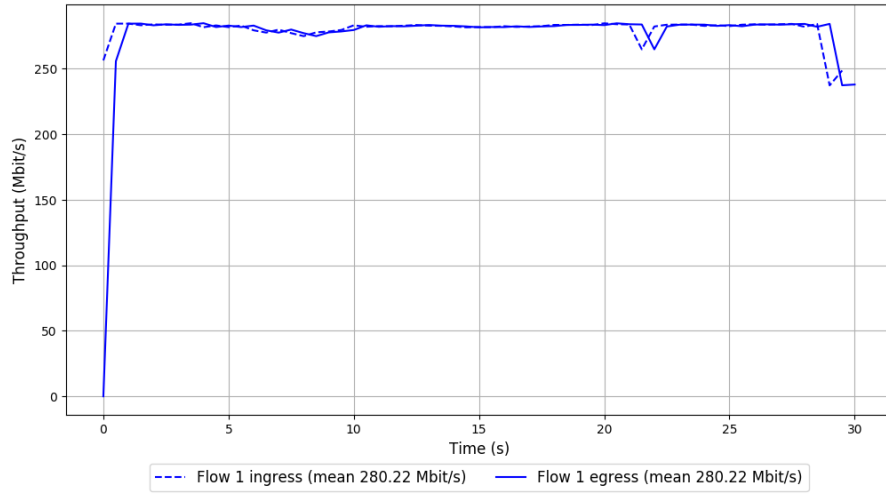
-- Flow 1:

Average throughput: 280.22 Mbit/s

95th percentile per-packet one-way delay: 1.180 ms

Loss rate: 0.07%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-08-22 14:29:41

End at: 2018-08-22 14:30:11

Local clock offset: -2.108 ms

Remote clock offset: 1.62 ms

# Below is generated by plot.py at 2018-08-22 17:16:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 279.77 Mbit/s

95th percentile per-packet one-way delay: 1.031 ms

Loss rate: 0.06%

-- Flow 1:

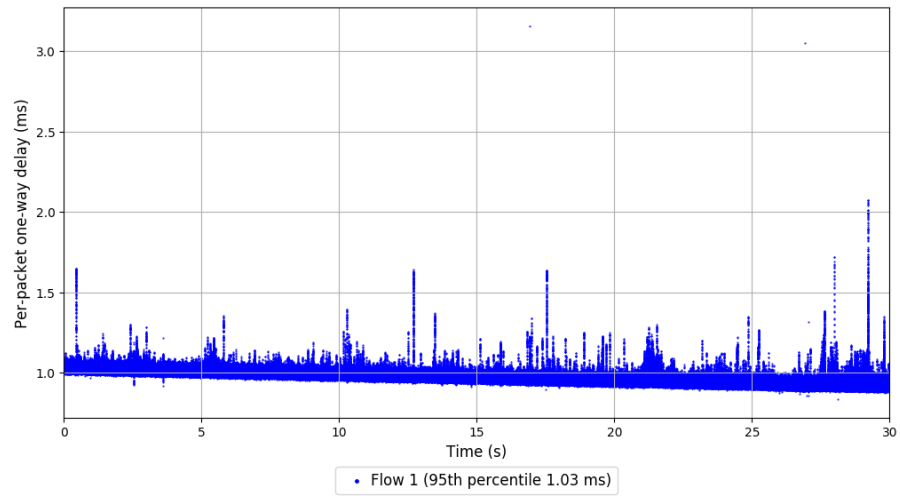
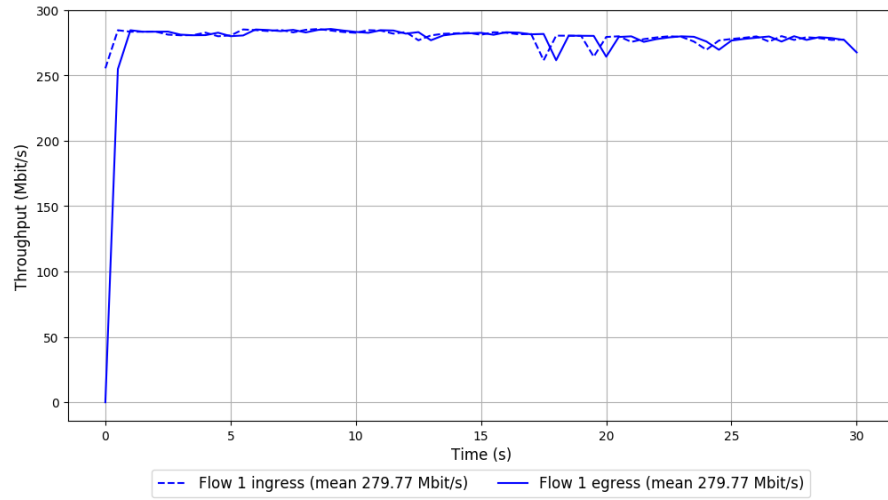
Average throughput: 279.77 Mbit/s

95th percentile per-packet one-way delay: 1.031 ms

Loss rate: 0.06%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-08-22 14:55:41

End at: 2018-08-22 14:56:11

Local clock offset: 0.599 ms

Remote clock offset: -0.413 ms

# Below is generated by plot.py at 2018-08-22 17:16:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 280.80 Mbit/s

95th percentile per-packet one-way delay: 0.900 ms

Loss rate: 0.06%

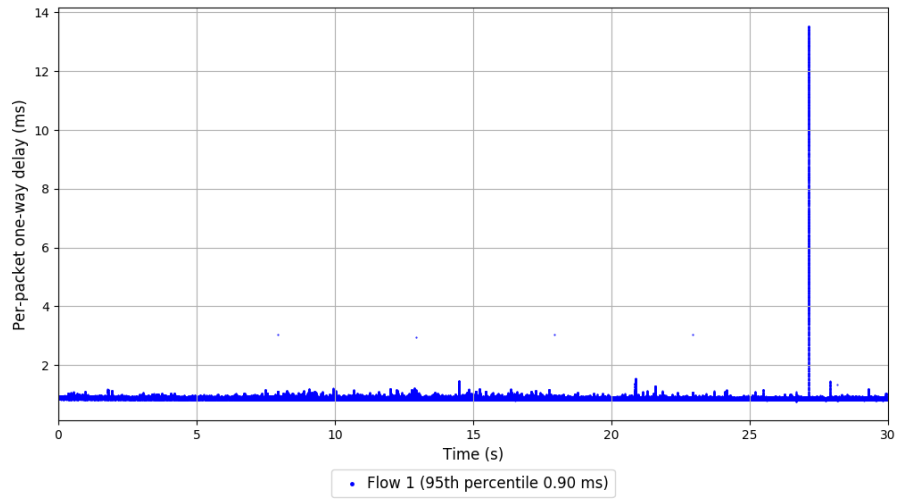
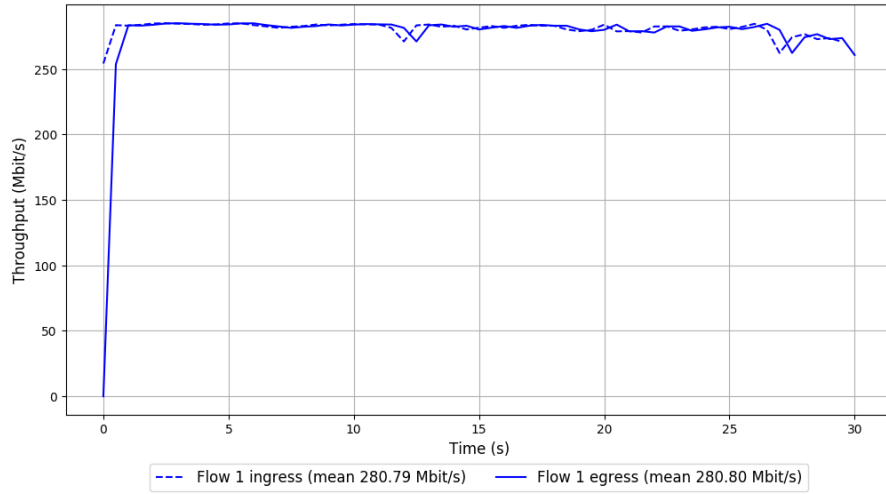
-- Flow 1:

Average throughput: 280.80 Mbit/s

95th percentile per-packet one-way delay: 0.900 ms

Loss rate: 0.06%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-08-22 11:07:43

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

Local clock offset: 1.098 ms

Remote clock offset: -3.638 ms

# Below is generated by plot.py at 2018-08-22 17:16:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 260.64 Mbit/s

95th percentile per-packet one-way delay: 1.251 ms

Loss rate: 0.07%

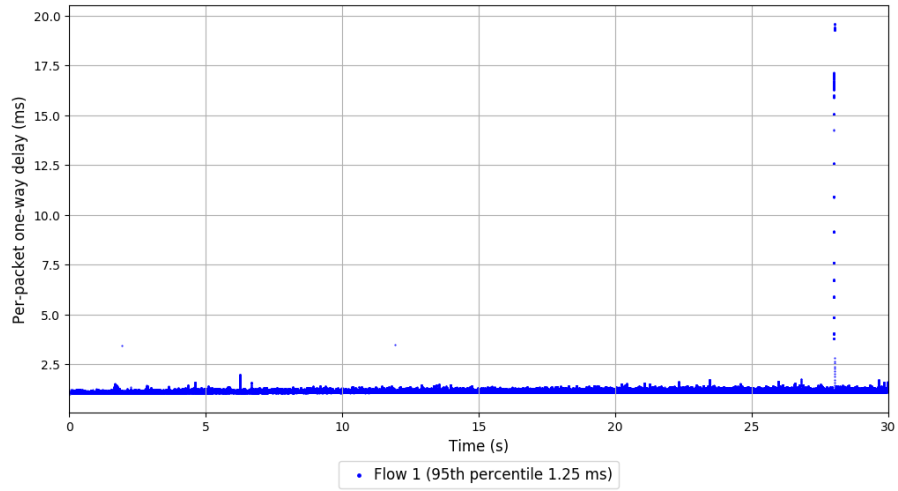
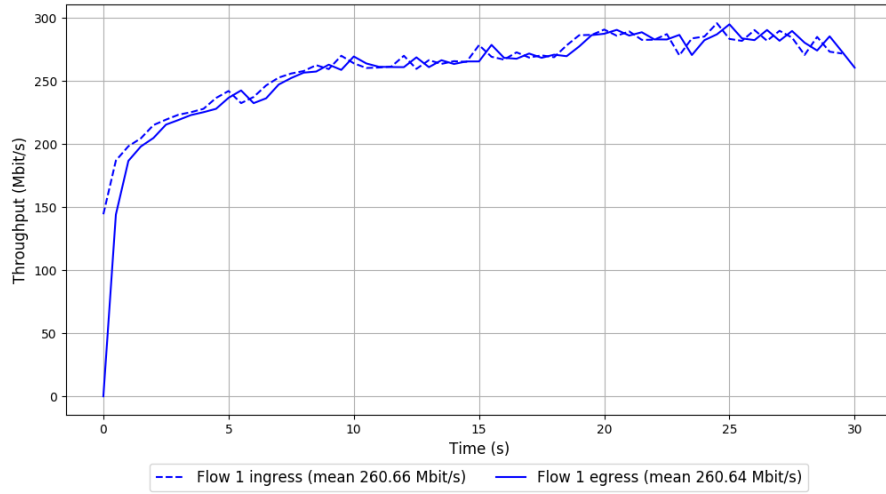
-- Flow 1:

Average throughput: 260.64 Mbit/s

95th percentile per-packet one-way delay: 1.251 ms

Loss rate: 0.07%

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



Run 2: Statistics of TCP Vegas

Start at: 2018-08-22 11:33:38

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

Local clock offset: 0.894 ms

Remote clock offset: -0.63 ms

# Below is generated by plot.py at 2018-08-22 17:16:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 258.17 Mbit/s

95th percentile per-packet one-way delay: 1.358 ms

Loss rate: 0.07%

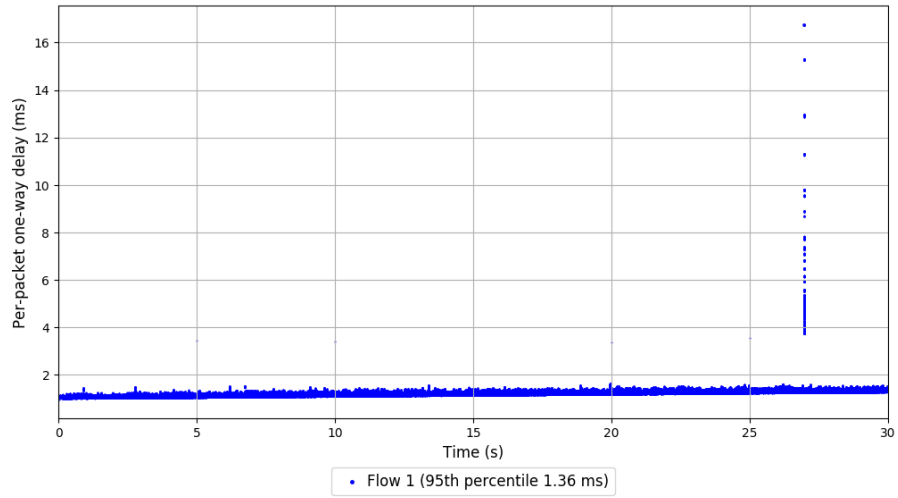
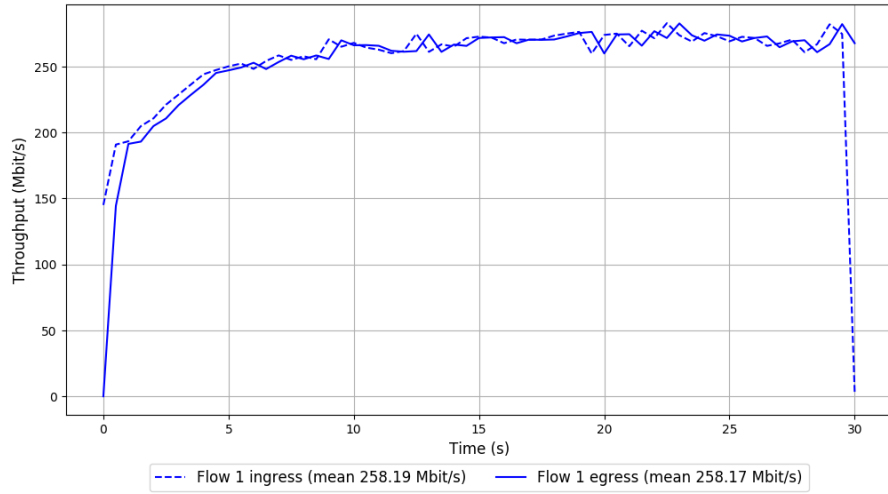
-- Flow 1:

Average throughput: 258.17 Mbit/s

95th percentile per-packet one-way delay: 1.358 ms

Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-08-22 11:59:17

End at: 2018-08-22 11:59:47

Local clock offset: 0.567 ms

Remote clock offset: 6.316 ms

# Below is generated by plot.py at 2018-08-22 17:16:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 290.09 Mbit/s

95th percentile per-packet one-way delay: 1.111 ms

Loss rate: 0.06%

-- Flow 1:

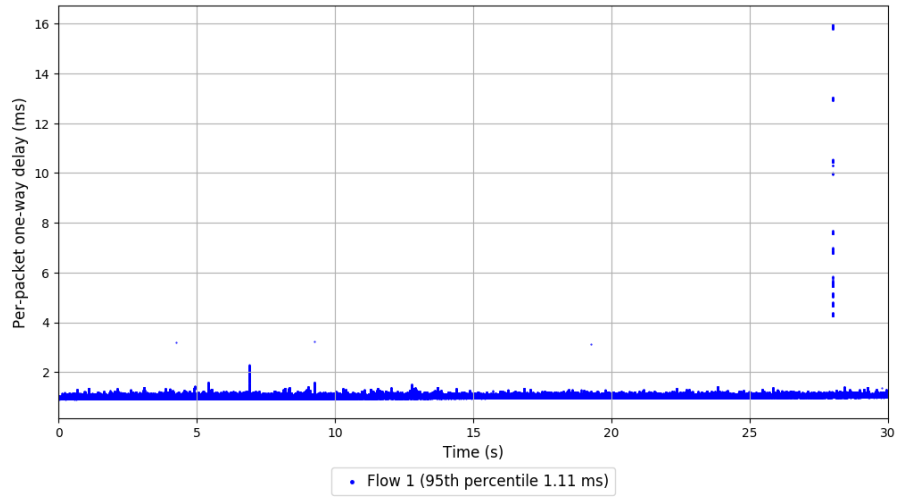
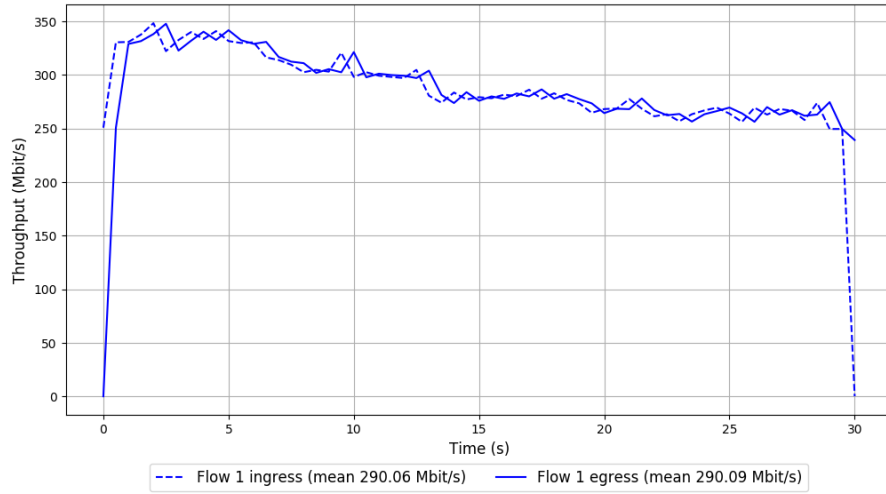
Average throughput: 290.09 Mbit/s

95th percentile per-packet one-way delay: 1.111 ms

Loss rate: 0.06%



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



Run 4: Statistics of TCP Vegas

Start at: 2018-08-22 12:25:09

End at: 2018-08-22 12:25:39

Local clock offset: 0.594 ms

Remote clock offset: 0.82 ms

# Below is generated by plot.py at 2018-08-22 17:16:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.18 Mbit/s

95th percentile per-packet one-way delay: 1.138 ms

Loss rate: 0.03%

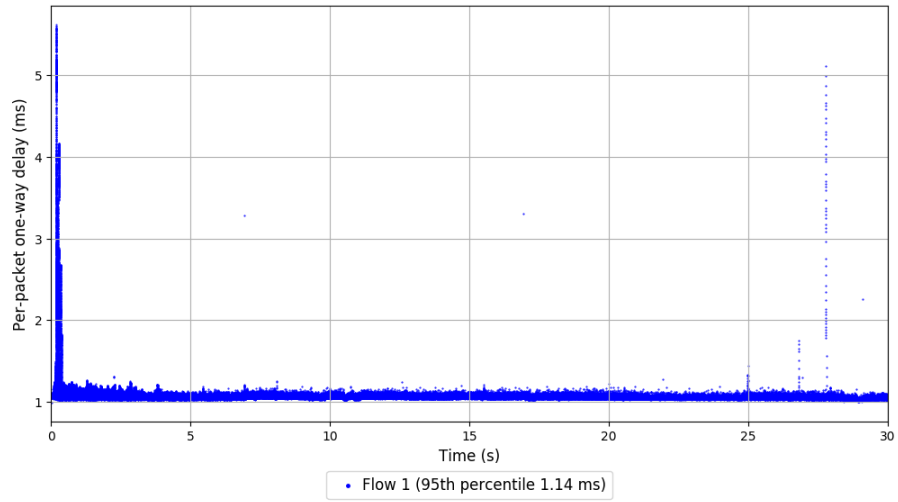
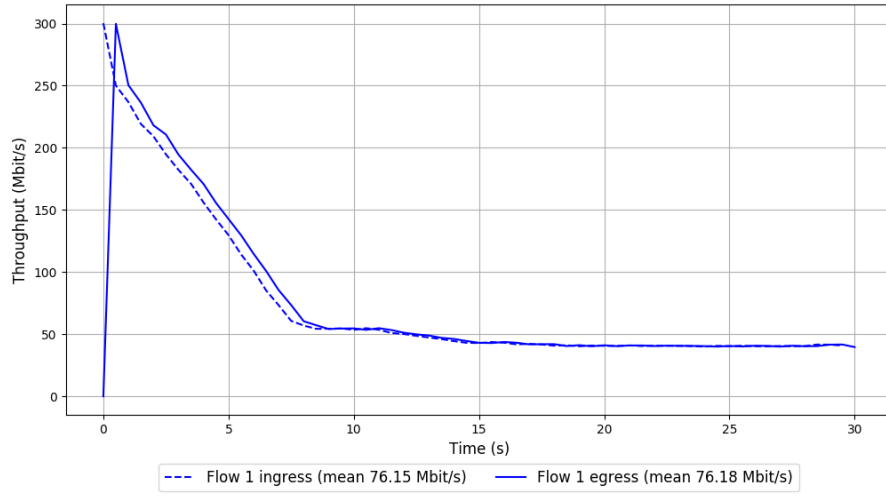
-- Flow 1:

Average throughput: 76.18 Mbit/s

95th percentile per-packet one-way delay: 1.138 ms

Loss rate: 0.03%

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



Run 5: Statistics of TCP Vegas

Start at: 2018-08-22 12:51:05

End at: 2018-08-22 12:51:35

Local clock offset: -2.233 ms

Remote clock offset: 2.677 ms

# Below is generated by plot.py at 2018-08-22 17:19:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 387.52 Mbit/s

95th percentile per-packet one-way delay: 1.548 ms

Loss rate: 0.07%

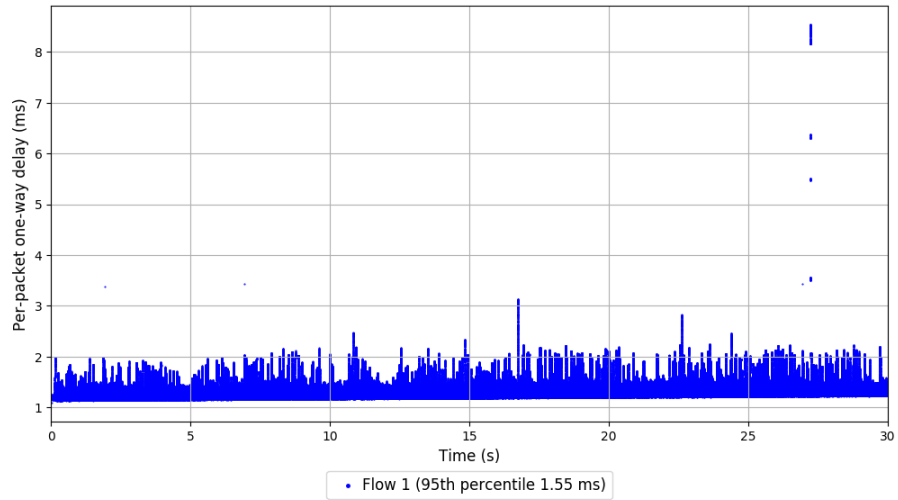
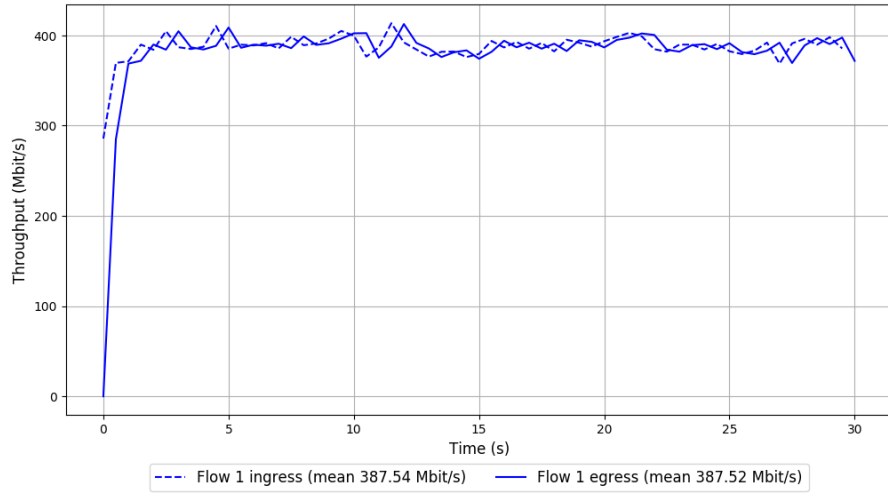
-- Flow 1:

Average throughput: 387.52 Mbit/s

95th percentile per-packet one-way delay: 1.548 ms

Loss rate: 0.07%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-08-22 13:16:52

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

Local clock offset: -0.707 ms

Remote clock offset: 2.414 ms

# Below is generated by plot.py at 2018-08-22 17:19:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 368.02 Mbit/s

95th percentile per-packet one-way delay: 0.874 ms

Loss rate: 0.06%

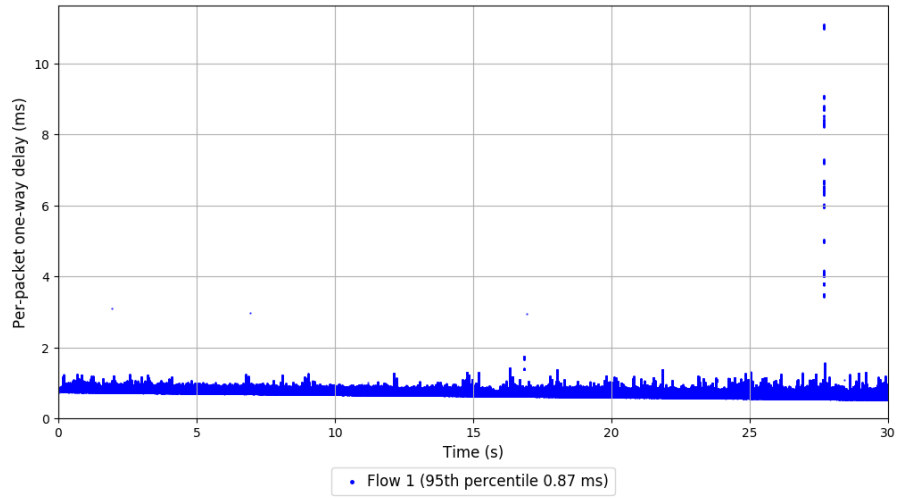
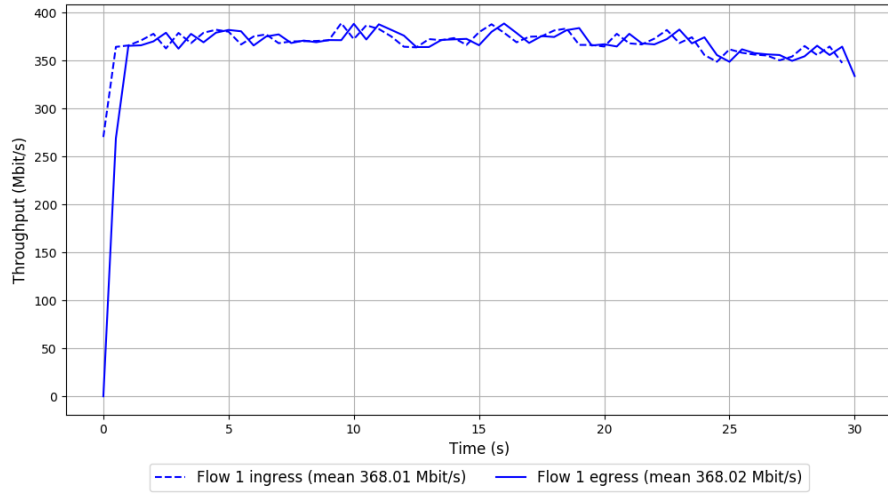
-- Flow 1:

Average throughput: 368.02 Mbit/s

95th percentile per-packet one-way delay: 0.874 ms

Loss rate: 0.06%

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



Run 7: Statistics of TCP Vegas

Start at: 2018-08-22 13:42:47  
End at: 2018-08-22 13:43:17  
Local clock offset: -0.977 ms  
Remote clock offset: -0.587 ms

# Below is generated by plot.py at 2018-08-22 17:19:49

# Datalink statistics

-- Total of 1 flow:

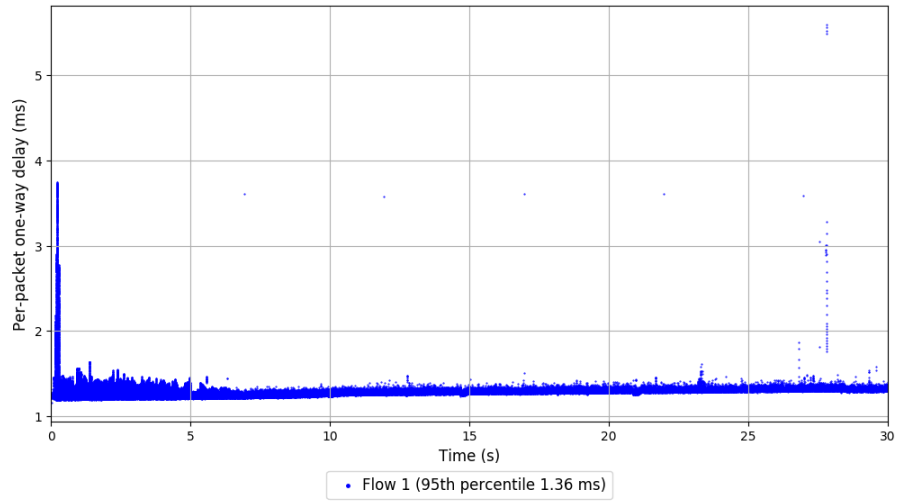
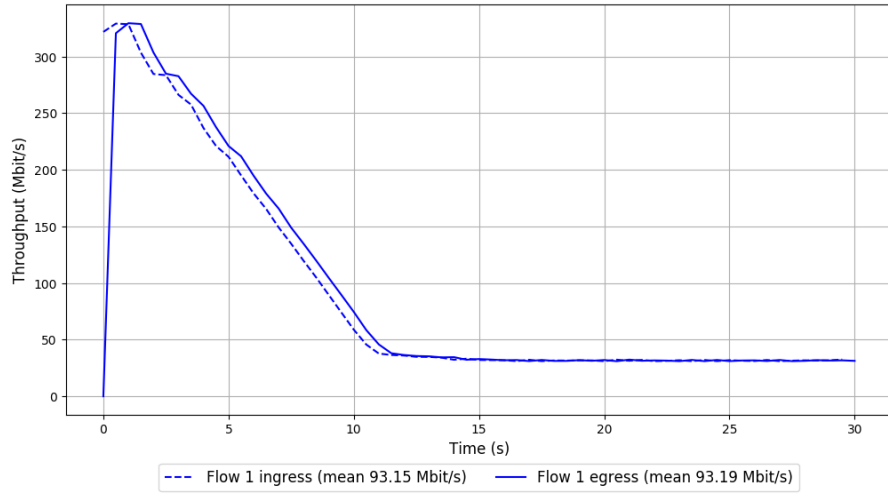
Average throughput: 93.19 Mbit/s  
95th percentile per-packet one-way delay: 1.356 ms  
Loss rate: 0.02%

-- Flow 1:

Average throughput: 93.19 Mbit/s  
95th percentile per-packet one-way delay: 1.356 ms  
Loss rate: 0.02%



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



Run 8: Statistics of TCP Vegas

Start at: 2018-08-22 14:08:36

End at: 2018-08-22 14:09:06

Local clock offset: -3.12 ms

Remote clock offset: 4.208 ms

# Below is generated by plot.py at 2018-08-22 17:19:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 315.63 Mbit/s

95th percentile per-packet one-way delay: 1.063 ms

Loss rate: 0.02%

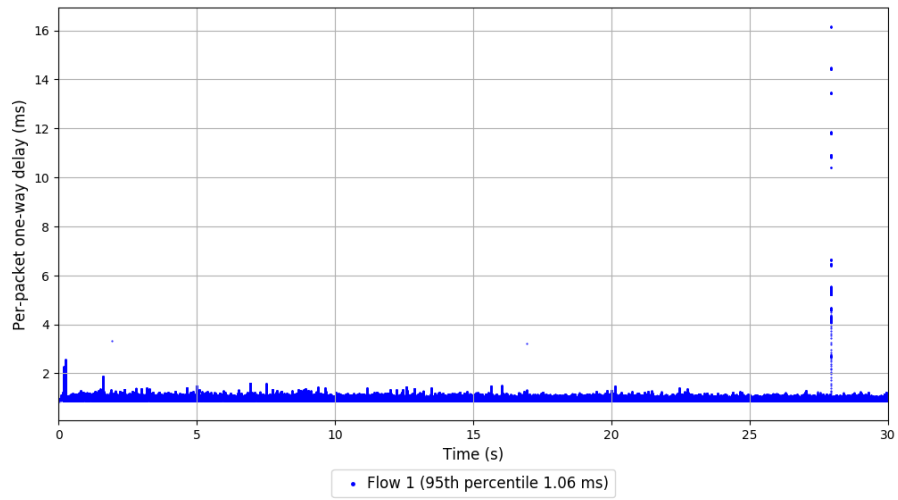
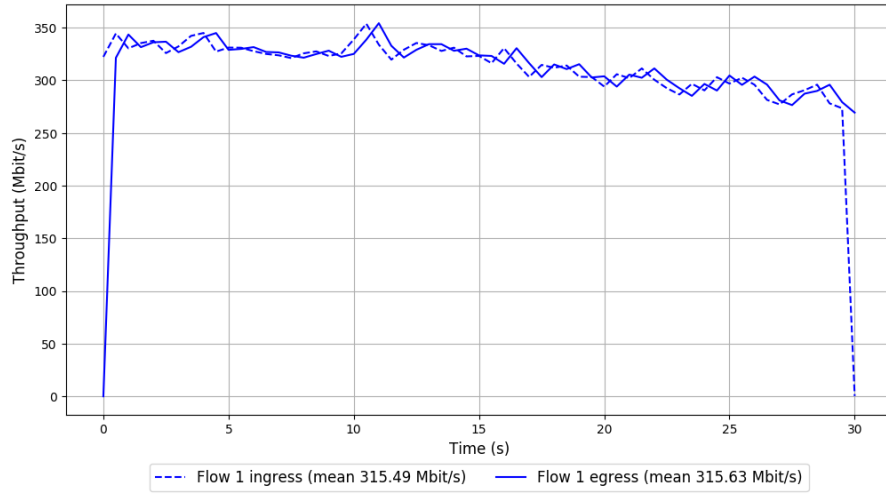
-- Flow 1:

Average throughput: 315.63 Mbit/s

95th percentile per-packet one-way delay: 1.063 ms

Loss rate: 0.02%

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



Run 9: Statistics of TCP Vegas

Start at: 2018-08-22 14:34:37

End at: 2018-08-22 14:35:07

Local clock offset: -2.08 ms

Remote clock offset: 0.774 ms

# Below is generated by plot.py at 2018-08-22 17:19:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 370.05 Mbit/s

95th percentile per-packet one-way delay: 1.191 ms

Loss rate: 0.02%

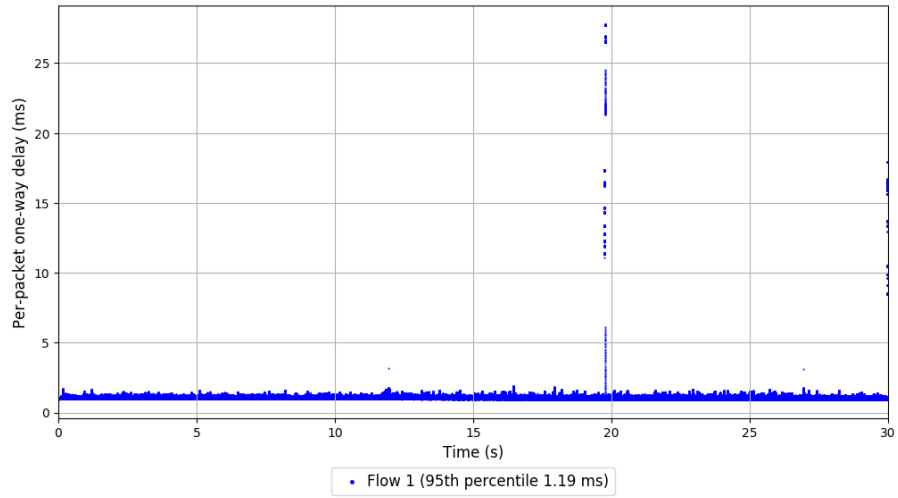
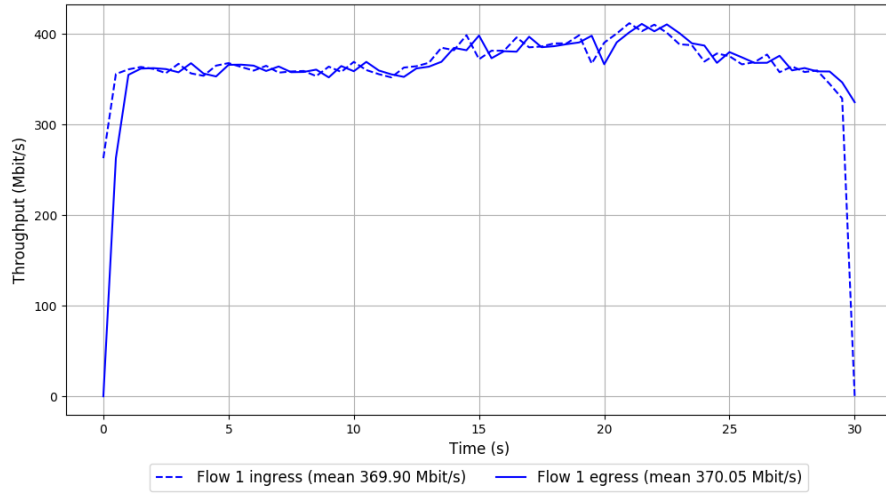
-- Flow 1:

Average throughput: 370.05 Mbit/s

95th percentile per-packet one-way delay: 1.191 ms

Loss rate: 0.02%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-08-22 15:00:37

End at: 2018-08-22 15:01:07

Local clock offset: 0.95 ms

Remote clock offset: -0.461 ms

# Below is generated by plot.py at 2018-08-22 17:19:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 336.17 Mbit/s

95th percentile per-packet one-way delay: 1.211 ms

Loss rate: 0.06%

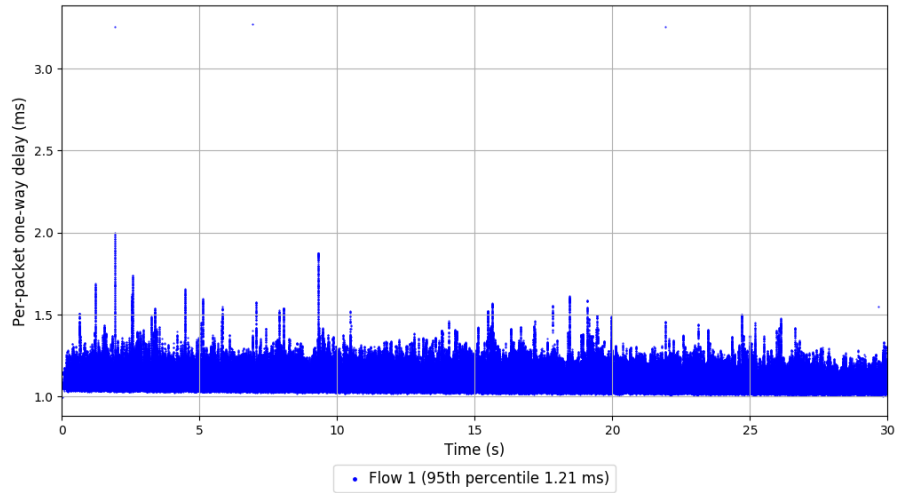
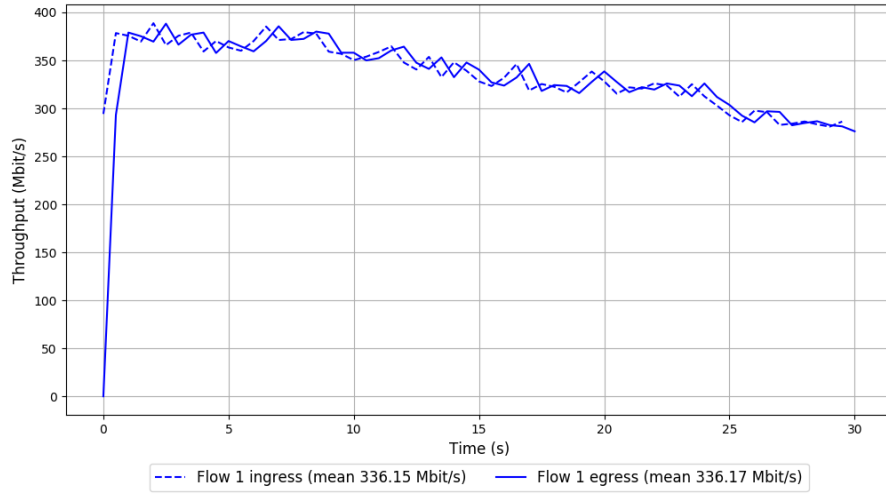
-- Flow 1:

Average throughput: 336.17 Mbit/s

95th percentile per-packet one-way delay: 1.211 ms

Loss rate: 0.06%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-08-22 11:25:37

End at: 2018-08-22 11:26:07

Local clock offset: 0.778 ms

Remote clock offset: -3.31 ms

# Below is generated by plot.py at 2018-08-22 17:19:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 291.42 Mbit/s

95th percentile per-packet one-way delay: 8.788 ms

Loss rate: 0.08%

-- Flow 1:

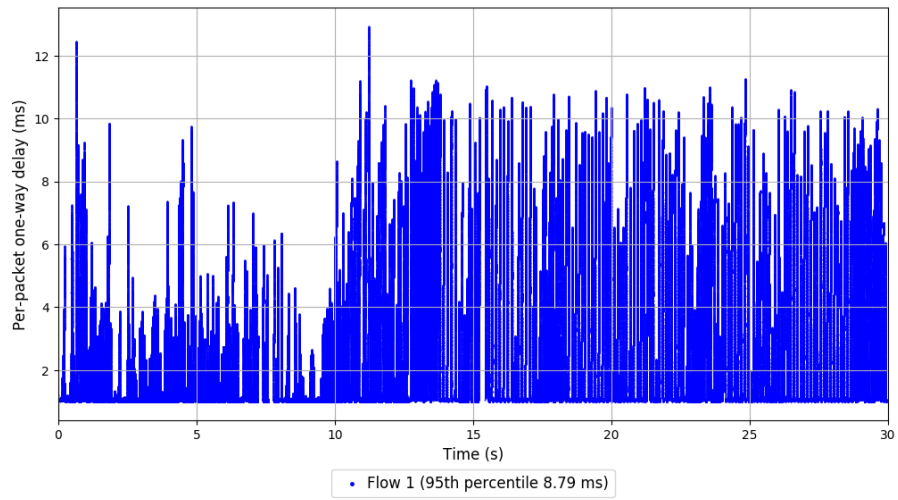
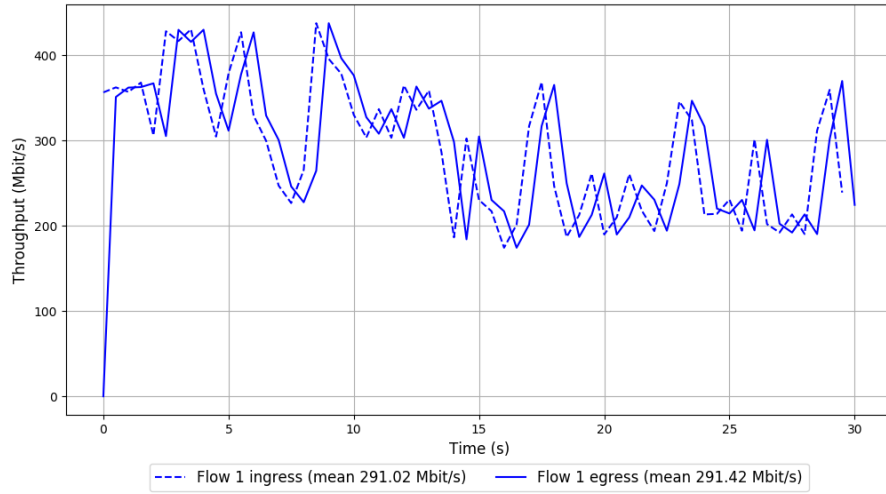
Average throughput: 291.42 Mbit/s

95th percentile per-packet one-way delay: 8.788 ms

Loss rate: 0.08%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-08-22 11:51:29

End at: 2018-08-22 11:51:59

Local clock offset: 0.663 ms

Remote clock offset: 4.981 ms

# Below is generated by plot.py at 2018-08-22 17:20:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 307.65 Mbit/s

95th percentile per-packet one-way delay: 5.128 ms

Loss rate: 0.04%

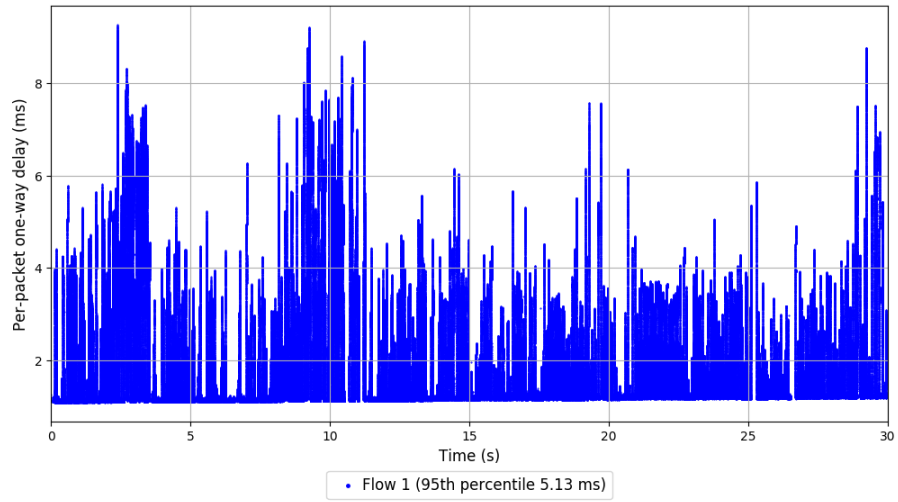
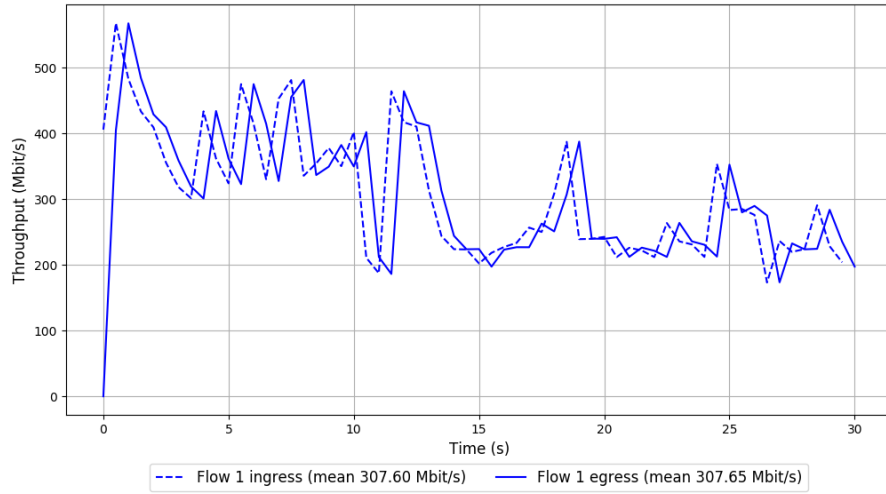
-- Flow 1:

Average throughput: 307.65 Mbit/s

95th percentile per-packet one-way delay: 5.128 ms

Loss rate: 0.04%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-08-22 12:17:10

End at: 2018-08-22 12:17:40

Local clock offset: 0.599 ms

Remote clock offset: 1.651 ms

# Below is generated by plot.py at 2018-08-22 17:20:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 291.39 Mbit/s

95th percentile per-packet one-way delay: 5.957 ms

Loss rate: 0.05%

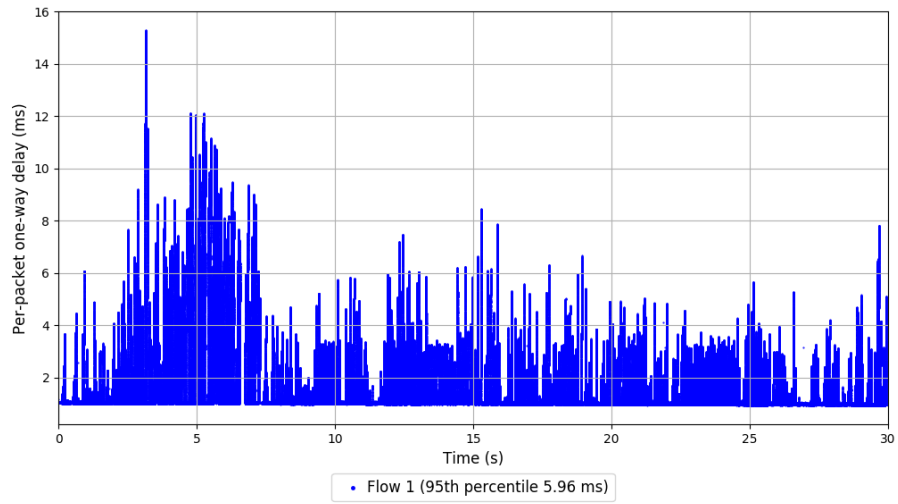
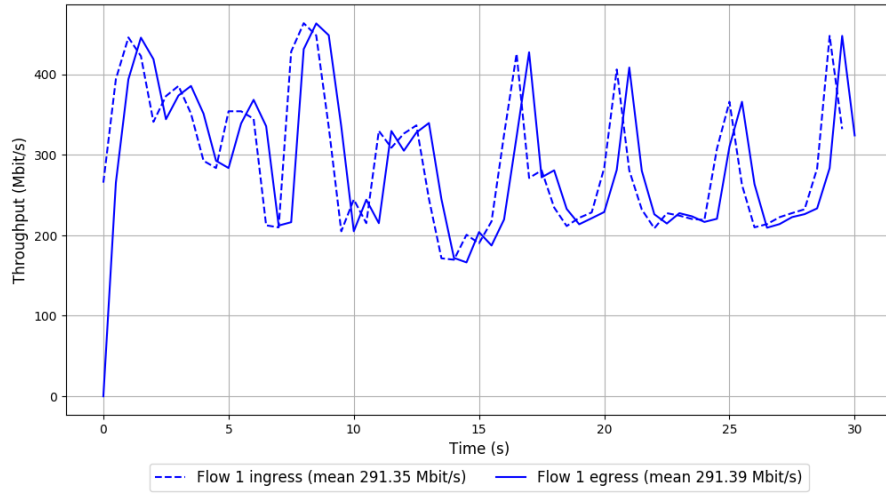
-- Flow 1:

Average throughput: 291.39 Mbit/s

95th percentile per-packet one-way delay: 5.957 ms

Loss rate: 0.05%

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



Run 4: Statistics of Verus

Start at: 2018-08-22 12:43:01

End at: 2018-08-22 12:43:31

Local clock offset: -1.111 ms

Remote clock offset: 1.592 ms

# Below is generated by plot.py at 2018-08-22 17:23:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 356.28 Mbit/s

95th percentile per-packet one-way delay: 10.904 ms

Loss rate: 0.08%

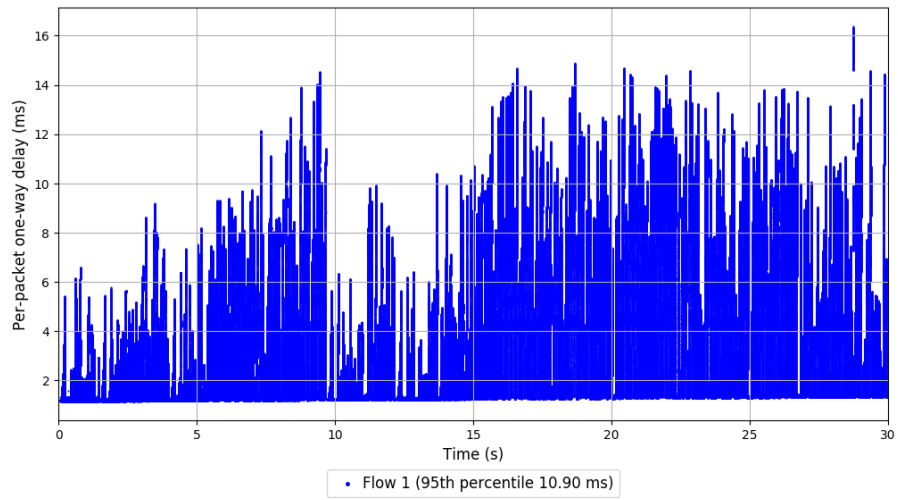
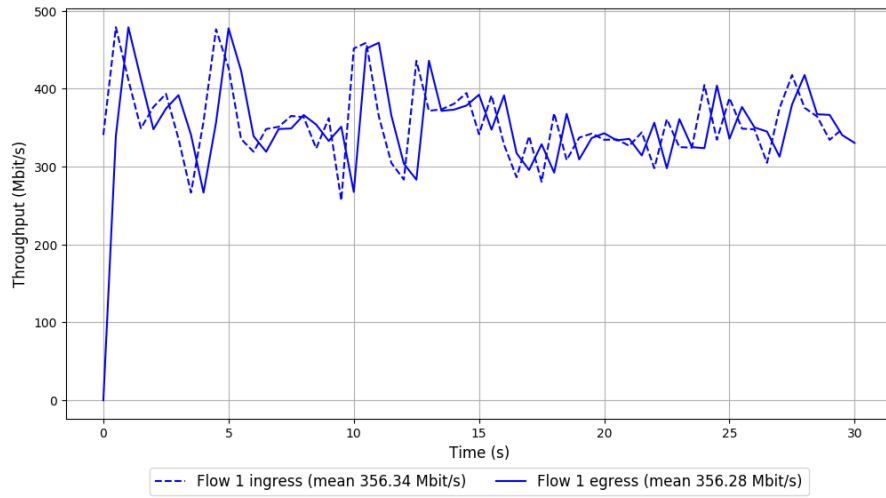
-- Flow 1:

Average throughput: 356.28 Mbit/s

95th percentile per-packet one-way delay: 10.904 ms

Loss rate: 0.08%

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



Run 5: Statistics of Verus

Start at: 2018-08-22 13:09:04

End at: 2018-08-22 13:09:34

Local clock offset: -2.6 ms

Remote clock offset: 3.885 ms

# Below is generated by plot.py at 2018-08-22 17:23:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 358.30 Mbit/s

95th percentile per-packet one-way delay: 5.391 ms

Loss rate: 0.09%

-- Flow 1:

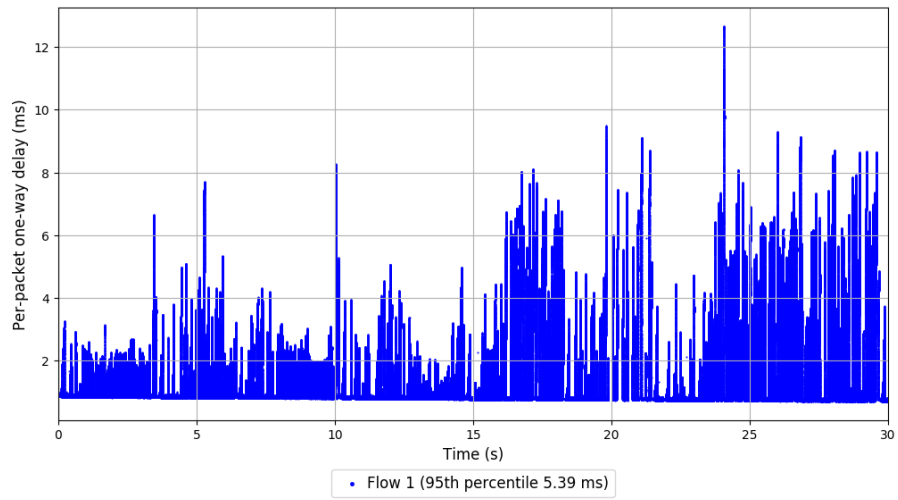
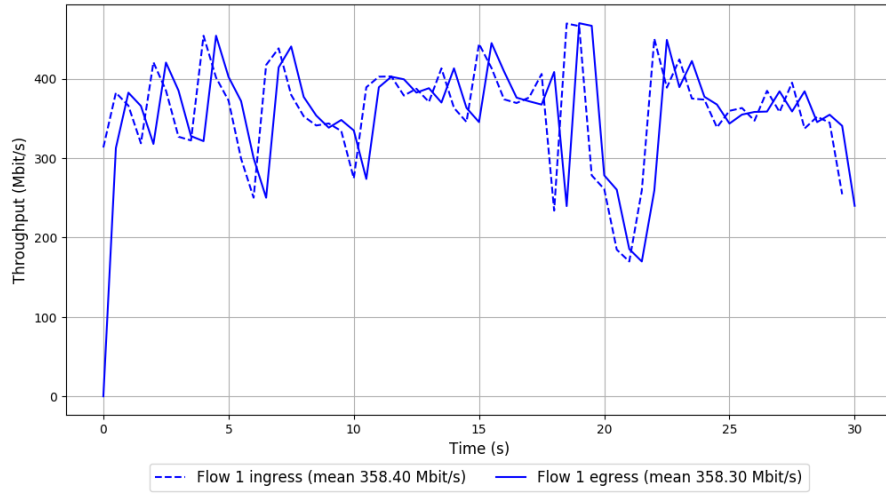
Average throughput: 358.30 Mbit/s

95th percentile per-packet one-way delay: 5.391 ms

Loss rate: 0.09%



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

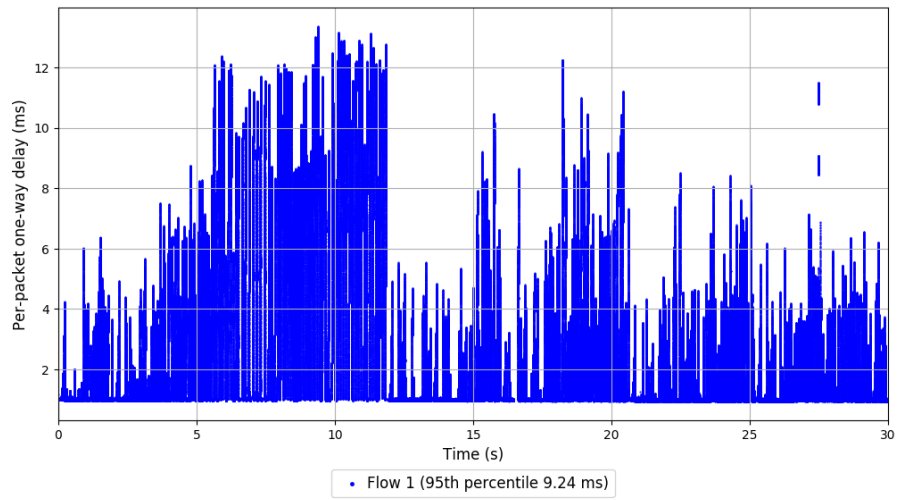
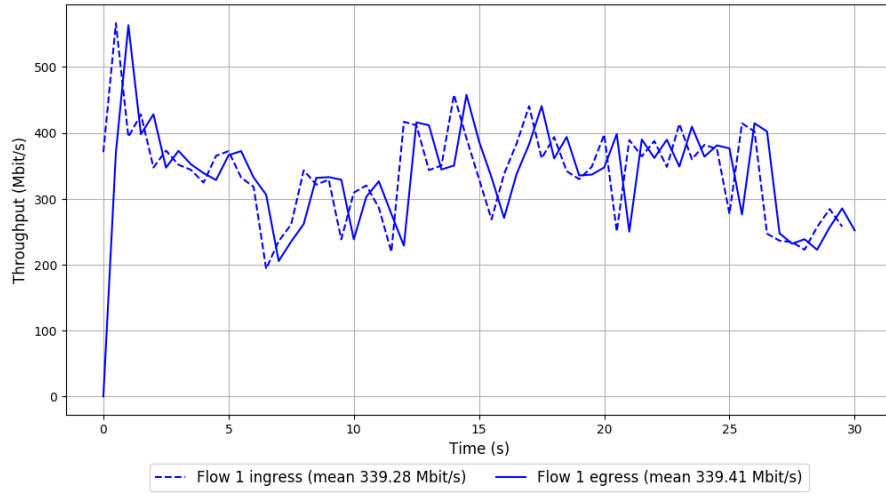


Run 6: Statistics of Verus

Start at: 2018-08-22 13:34:47  
End at: 2018-08-22 13:35:17  
Local clock offset: 0.571 ms  
Remote clock offset: -0.205 ms

# Below is generated by plot.py at 2018-08-22 17:23:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 339.41 Mbit/s  
95th percentile per-packet one-way delay: 9.238 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 339.41 Mbit/s  
95th percentile per-packet one-way delay: 9.238 ms  
Loss rate: 0.03%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-08-22 14:00:34

End at: 2018-08-22 14:01:04

Local clock offset: -2.971 ms

Remote clock offset: 3.292 ms

# Below is generated by plot.py at 2018-08-22 17:24:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 380.79 Mbit/s

95th percentile per-packet one-way delay: 7.643 ms

Loss rate: 0.01%

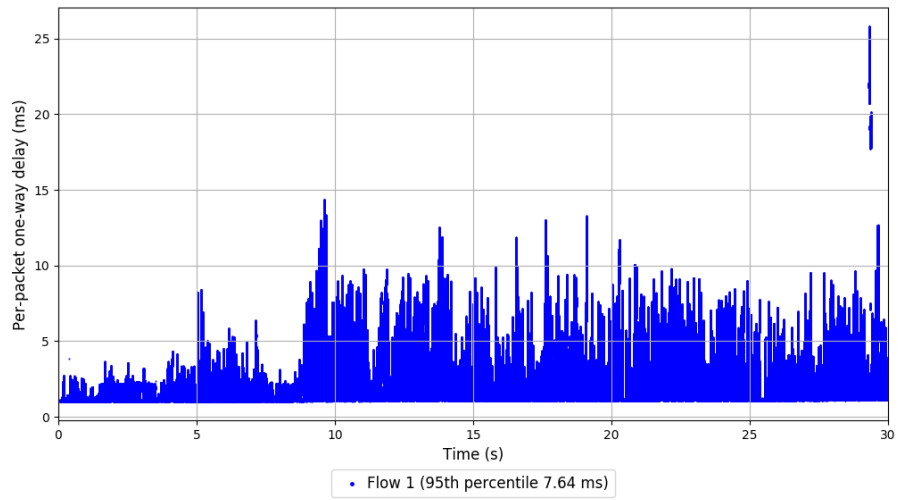
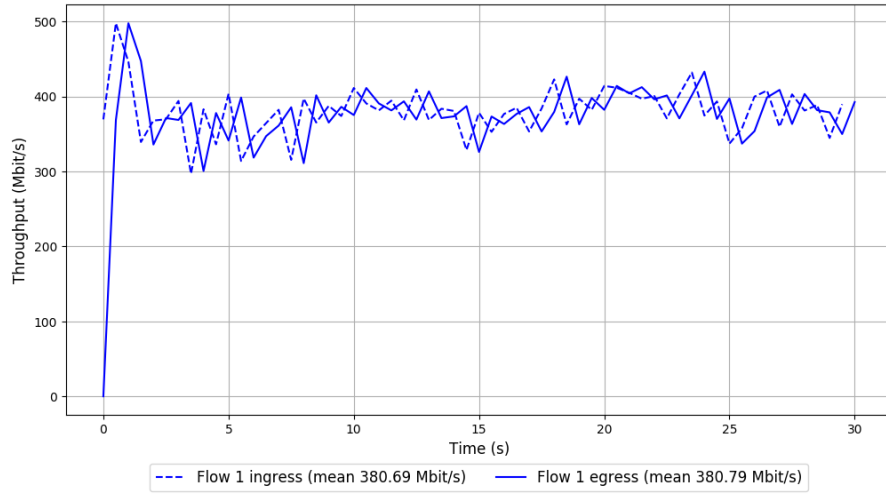
-- Flow 1:

Average throughput: 380.79 Mbit/s

95th percentile per-packet one-way delay: 7.643 ms

Loss rate: 0.01%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-08-22 14:26:38

End at: 2018-08-22 14:27:08

Local clock offset: -2.251 ms

Remote clock offset: 2.456 ms

# Below is generated by plot.py at 2018-08-22 17:24:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 267.67 Mbit/s

95th percentile per-packet one-way delay: 5.167 ms

Loss rate: 0.12%

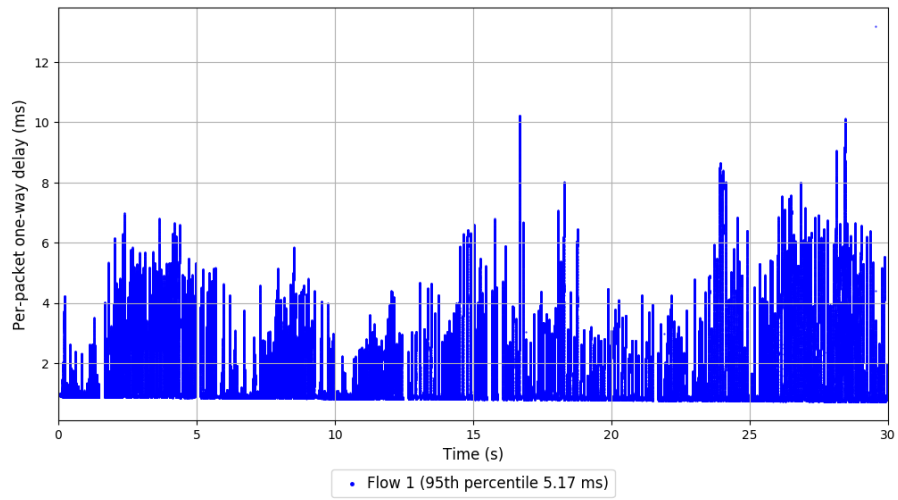
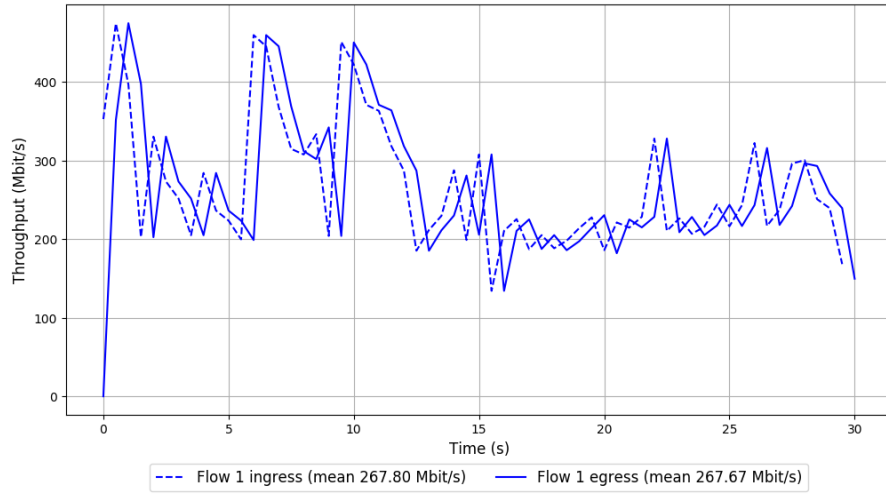
-- Flow 1:

Average throughput: 267.67 Mbit/s

95th percentile per-packet one-way delay: 5.167 ms

Loss rate: 0.12%

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



Run 9: Statistics of Verus

Start at: 2018-08-22 14:52:40  
End at: 2018-08-22 14:53:10  
Local clock offset: 0.462 ms  
Remote clock offset: -0.368 ms

# Below is generated by plot.py at 2018-08-22 17:24:08

# Datalink statistics

-- Total of 1 flow:

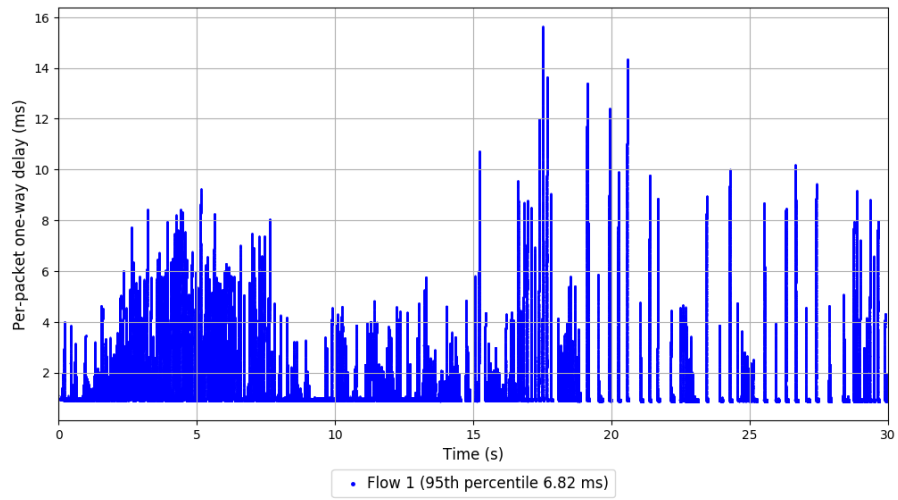
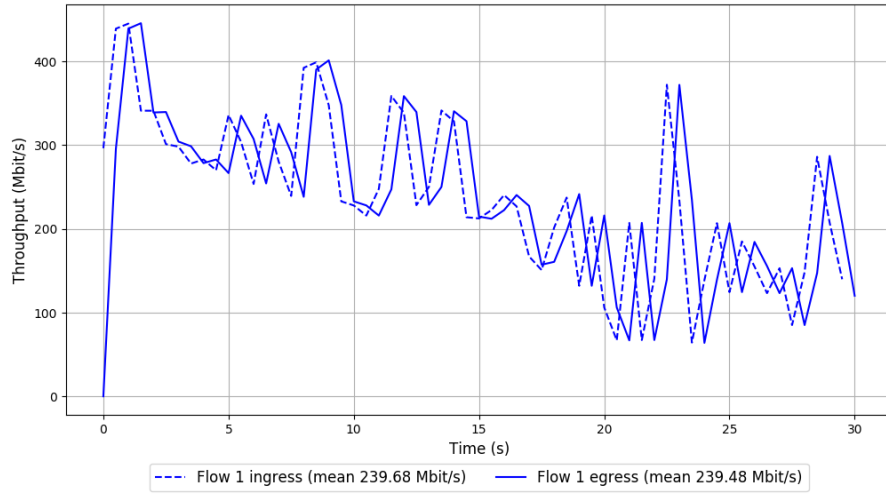
Average throughput: 239.48 Mbit/s  
95th percentile per-packet one-way delay: 6.824 ms  
Loss rate: 0.14%

-- Flow 1:

Average throughput: 239.48 Mbit/s  
95th percentile per-packet one-way delay: 6.824 ms  
Loss rate: 0.14%



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



Run 10: Statistics of Verus

Start at: 2018-08-22 15:18:38

End at: 2018-08-22 15:19:08

Local clock offset: 0.959 ms

Remote clock offset: -0.521 ms

# Below is generated by plot.py at 2018-08-22 17:24:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 276.64 Mbit/s

95th percentile per-packet one-way delay: 4.951 ms

Loss rate: 0.05%

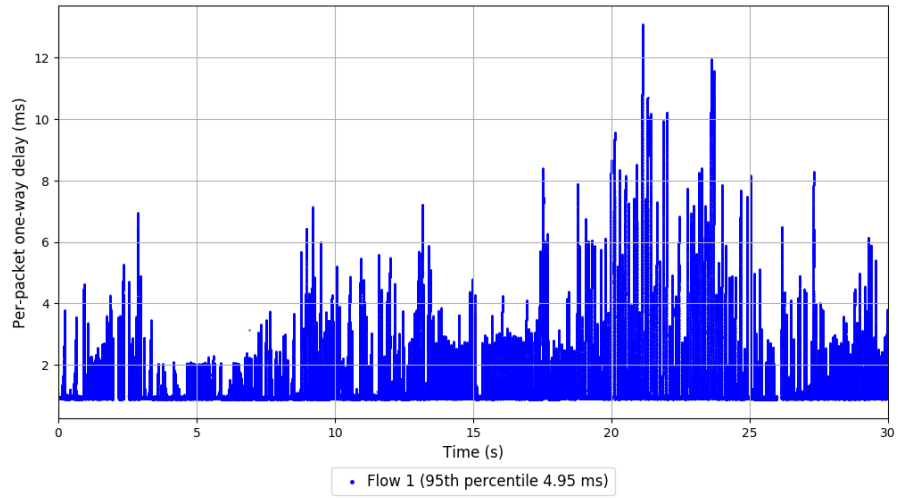
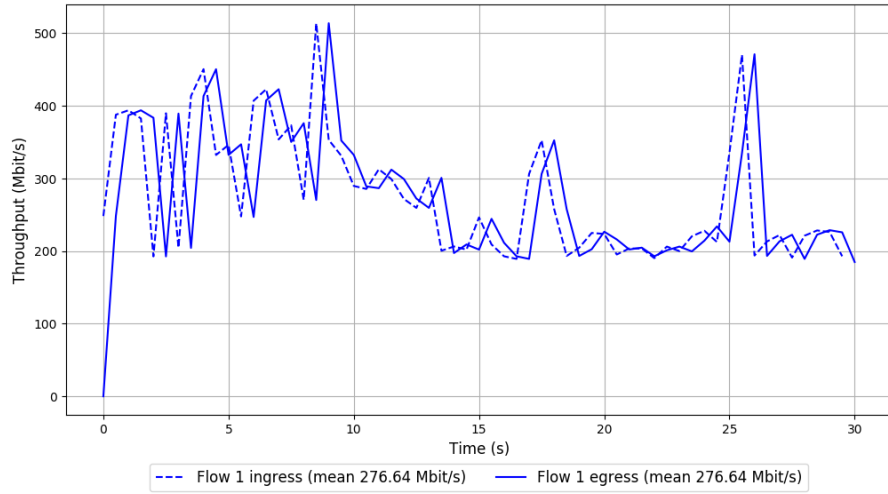
-- Flow 1:

Average throughput: 276.64 Mbit/s

95th percentile per-packet one-way delay: 4.951 ms

Loss rate: 0.05%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-08-22 11:16:39

End at: 2018-08-22 11:17:09

Local clock offset: 0.795 ms

Remote clock offset: -3.417 ms

# Below is generated by plot.py at 2018-08-22 17:25:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 460.67 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.06%

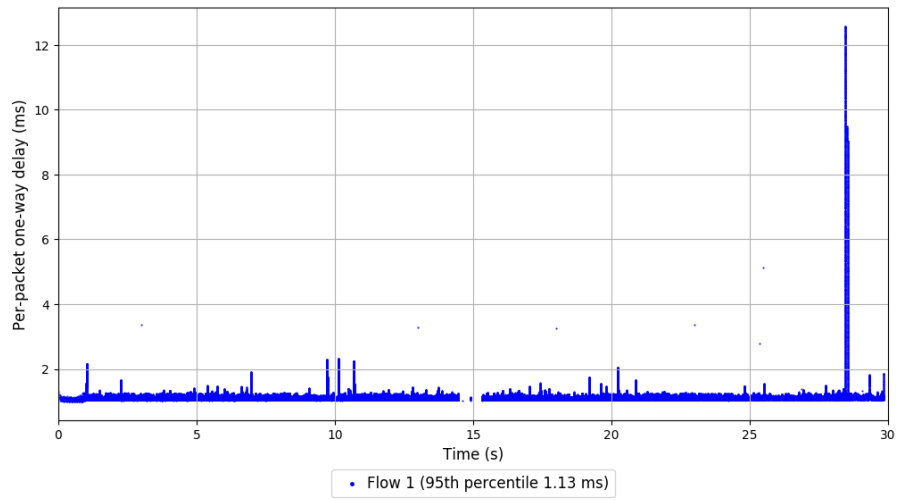
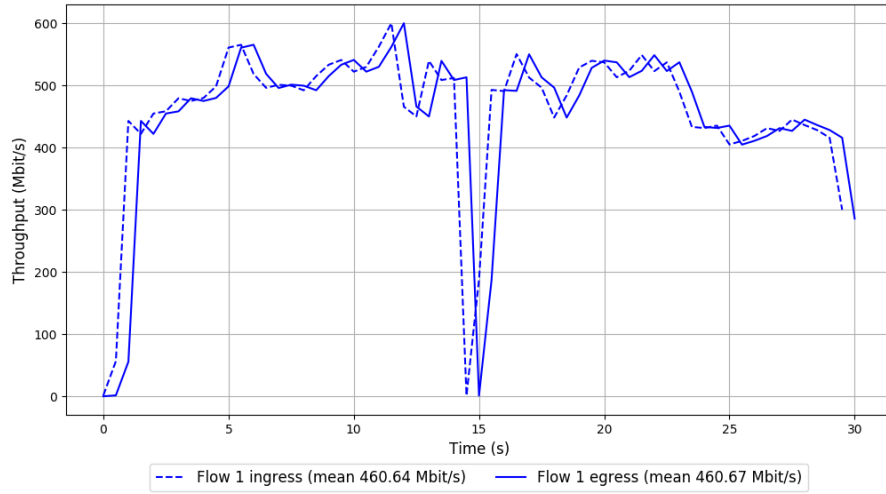
-- Flow 1:

Average throughput: 460.67 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.06%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-08-22 11:42:33

End at: 2018-08-22 11:43:03

Local clock offset: 0.765 ms

Remote clock offset: 2.937 ms

# Below is generated by plot.py at 2018-08-22 17:27:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 366.17 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.06%

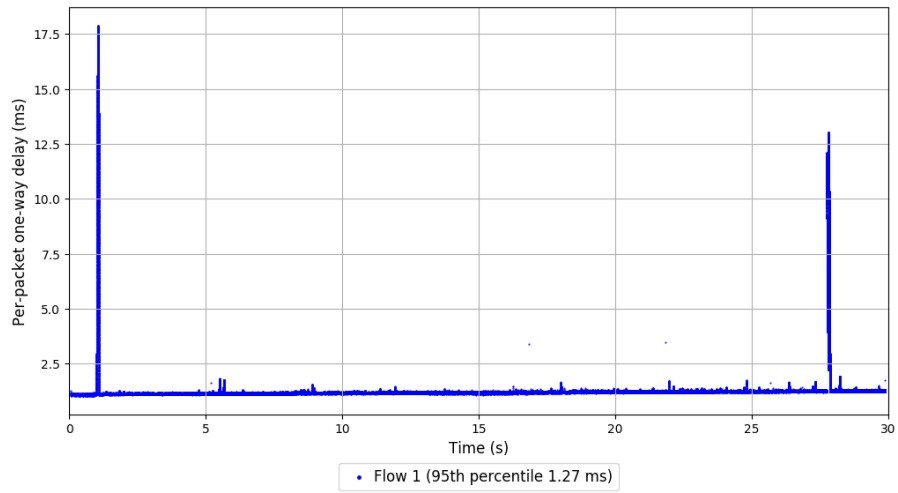
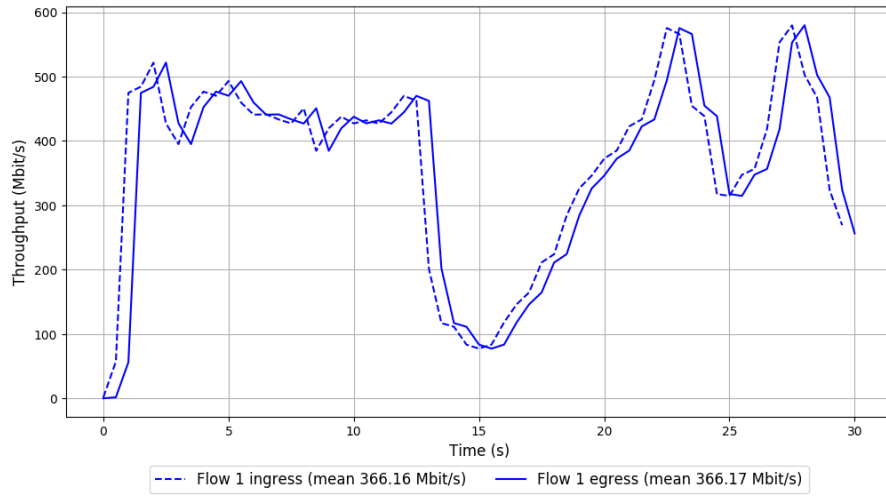
-- Flow 1:

Average throughput: 366.17 Mbit/s

95th percentile per-packet one-way delay: 1.273 ms

Loss rate: 0.06%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

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

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

Local clock offset: 0.671 ms

Remote clock offset: 4.335 ms

# Below is generated by plot.py at 2018-08-22 17:27:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 375.64 Mbit/s

95th percentile per-packet one-way delay: 0.978 ms

Loss rate: 0.07%

-- Flow 1:

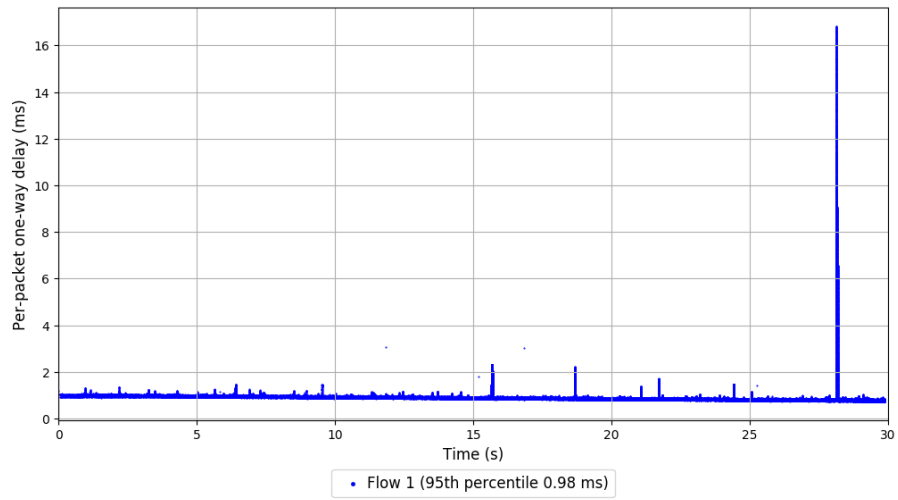
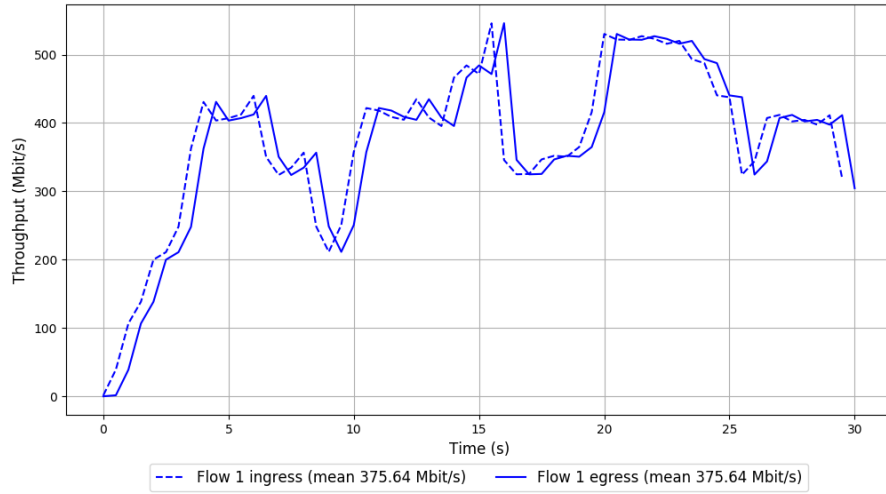
Average throughput: 375.64 Mbit/s

95th percentile per-packet one-way delay: 0.978 ms

Loss rate: 0.07%



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



Run 4: Statistics of PCC-Vivace

Start at: 2018-08-22 12:33:56

End at: 2018-08-22 12:34:26

Local clock offset: 0.518 ms

Remote clock offset: 0.505 ms

# Below is generated by plot.py at 2018-08-22 17:28:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 404.60 Mbit/s

95th percentile per-packet one-way delay: 1.012 ms

Loss rate: 0.07%

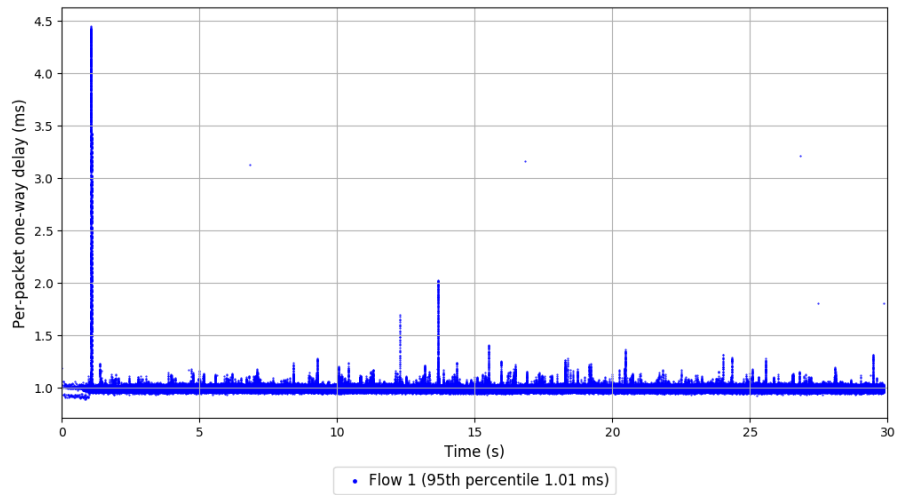
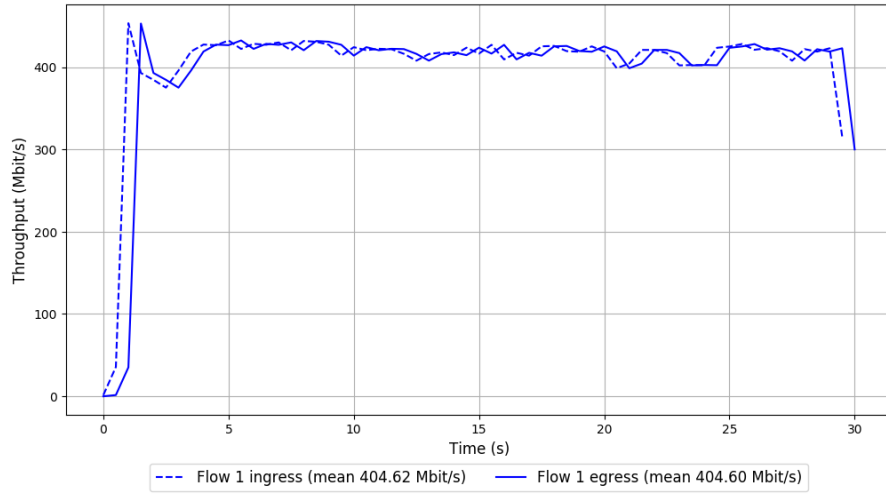
-- Flow 1:

Average throughput: 404.60 Mbit/s

95th percentile per-packet one-way delay: 1.012 ms

Loss rate: 0.07%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-08-22 13:00:03

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

Local clock offset: -2.934 ms

Remote clock offset: 3.416 ms

# Below is generated by plot.py at 2018-08-22 17:28:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 454.00 Mbit/s

95th percentile per-packet one-way delay: 1.162 ms

Loss rate: 0.07%

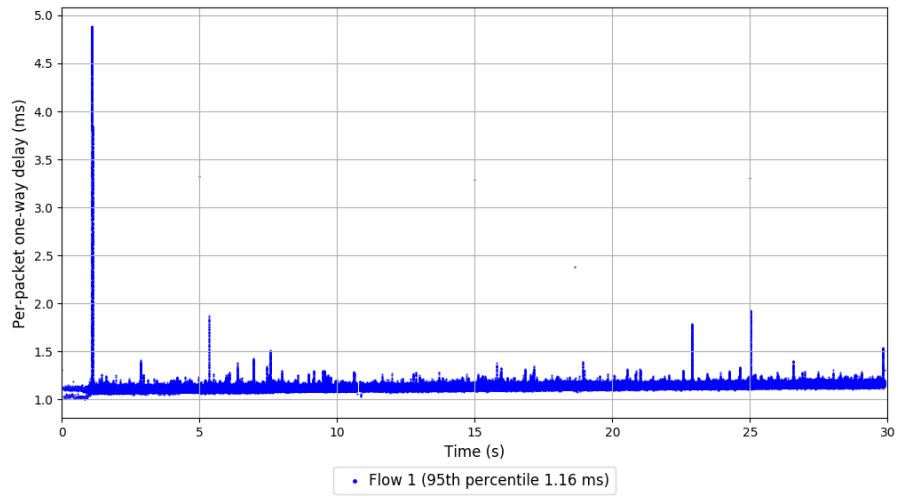
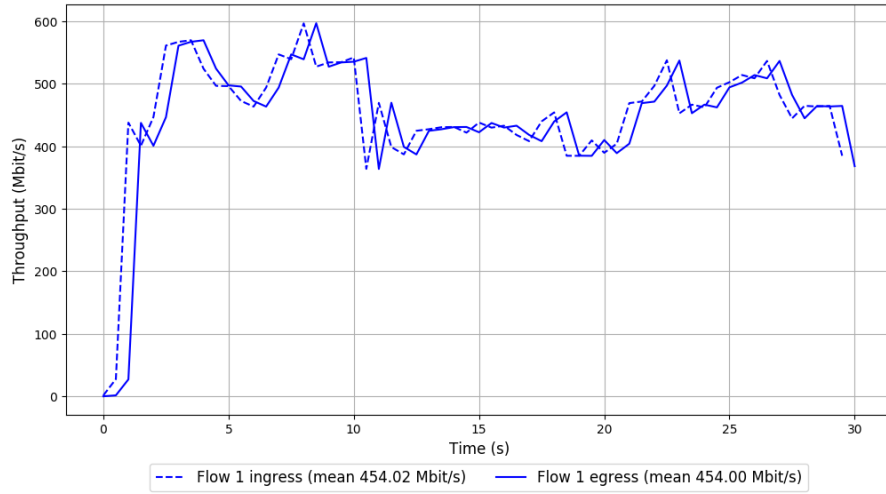
-- Flow 1:

Average throughput: 454.00 Mbit/s

95th percentile per-packet one-way delay: 1.162 ms

Loss rate: 0.07%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-08-22 13:25:48

End at: 2018-08-22 13:26:19

Local clock offset: 0.108 ms

Remote clock offset: 0.542 ms

# Below is generated by plot.py at 2018-08-22 17:28:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 415.41 Mbit/s

95th percentile per-packet one-way delay: 0.889 ms

Loss rate: 0.06%

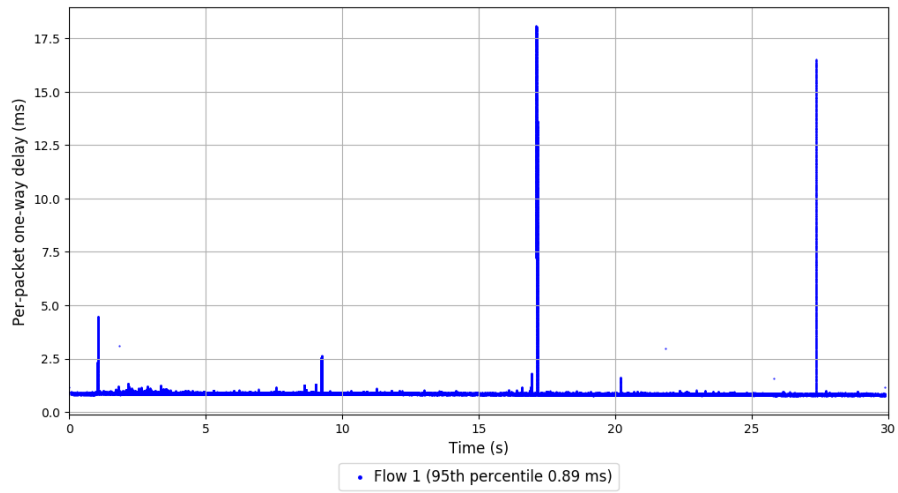
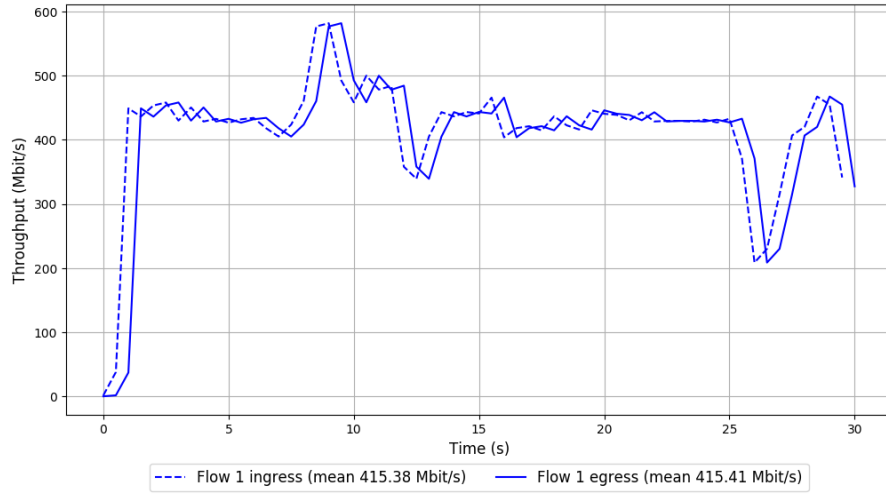
-- Flow 1:

Average throughput: 415.41 Mbit/s

95th percentile per-packet one-way delay: 0.889 ms

Loss rate: 0.06%

### Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-08-22 13:51:33

End at: 2018-08-22 13:52:03

Local clock offset: -2.299 ms

Remote clock offset: 1.363 ms

# Below is generated by plot.py at 2018-08-22 17:28:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 430.98 Mbit/s

95th percentile per-packet one-way delay: 1.275 ms

Loss rate: 0.06%

-- Flow 1:

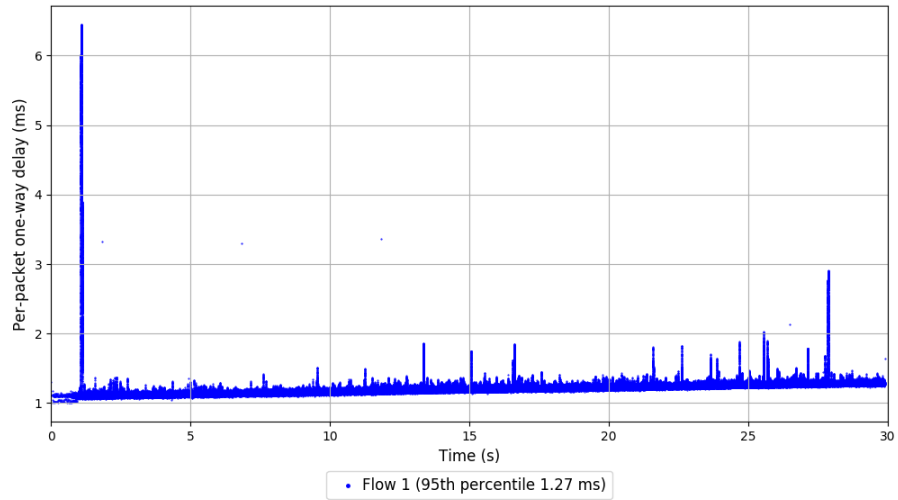
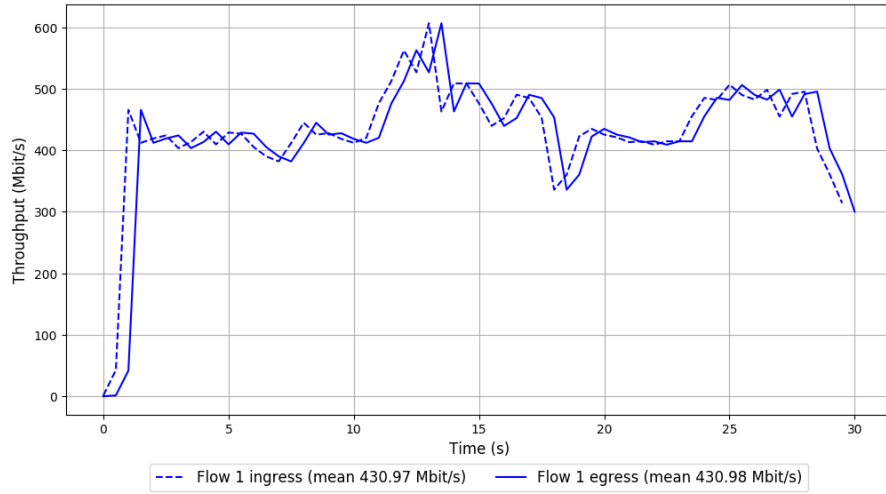
Average throughput: 430.98 Mbit/s

95th percentile per-packet one-way delay: 1.275 ms

Loss rate: 0.06%



Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-08-22 14:17:35

End at: 2018-08-22 14:18:05

Local clock offset: -2.388 ms

Remote clock offset: 4.923 ms

# Below is generated by plot.py at 2018-08-22 17:28:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 416.17 Mbit/s

95th percentile per-packet one-way delay: 1.065 ms

Loss rate: 0.06%

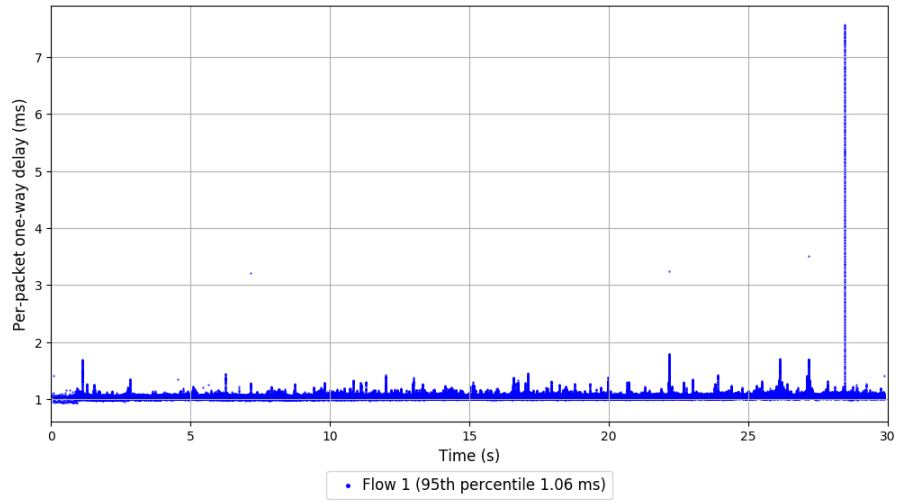
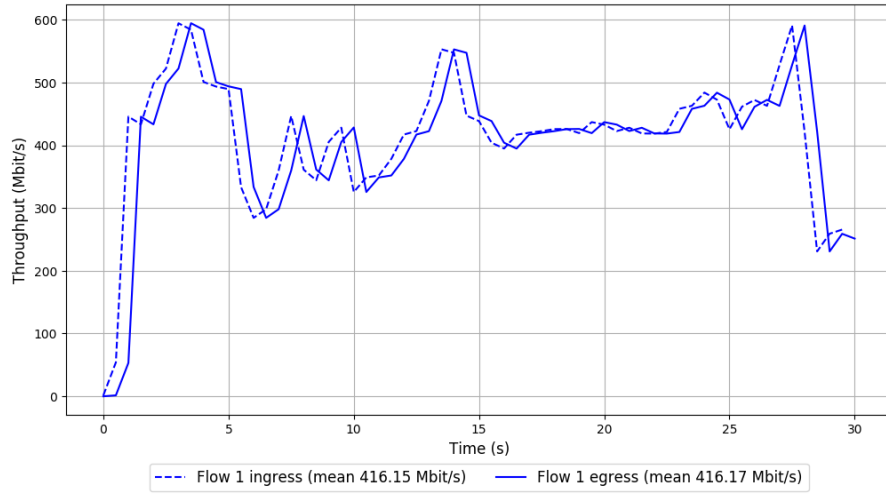
-- Flow 1:

Average throughput: 416.17 Mbit/s

95th percentile per-packet one-way delay: 1.065 ms

Loss rate: 0.06%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-08-22 14:43:35

End at: 2018-08-22 14:44:05

Local clock offset: -0.567 ms

Remote clock offset: -0.083 ms

# Below is generated by plot.py at 2018-08-22 17:29:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 406.41 Mbit/s

95th percentile per-packet one-way delay: 0.976 ms

Loss rate: 0.07%

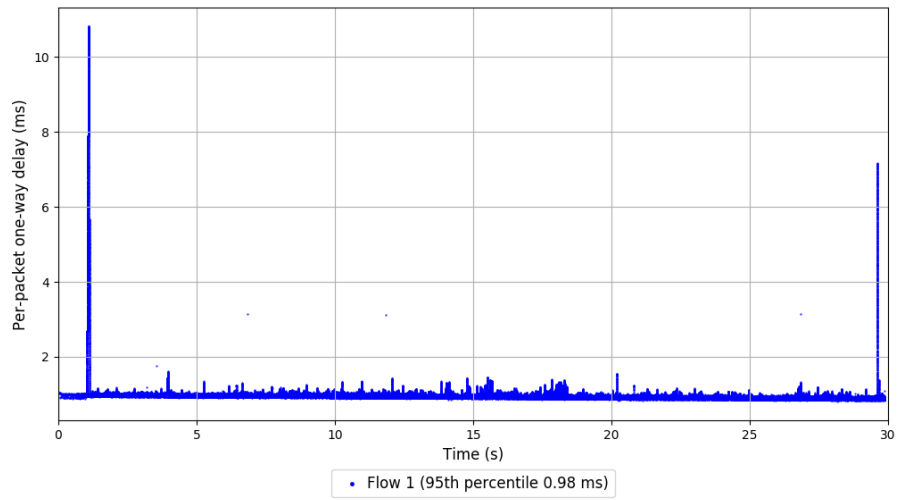
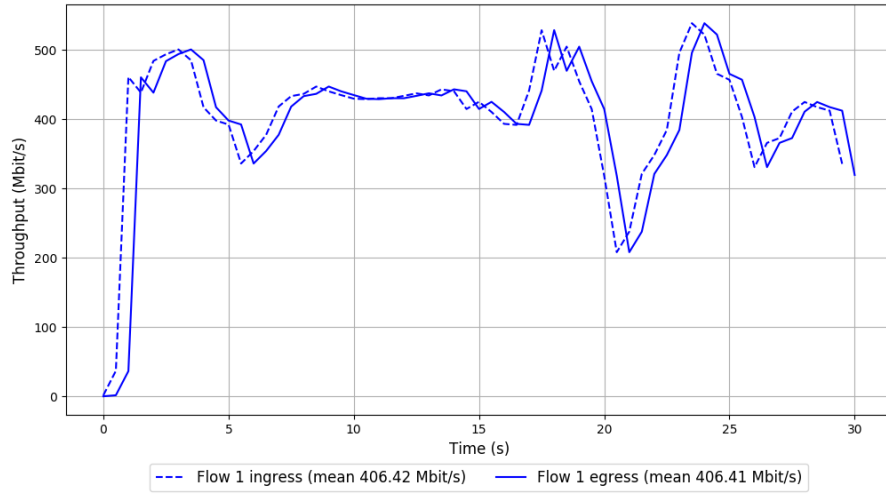
-- Flow 1:

Average throughput: 406.41 Mbit/s

95th percentile per-packet one-way delay: 0.976 ms

Loss rate: 0.07%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-22 15:09:37

End at: 2018-08-22 15:10:07

Local clock offset: 1.144 ms

Remote clock offset: -0.401 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 415.56 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.07%

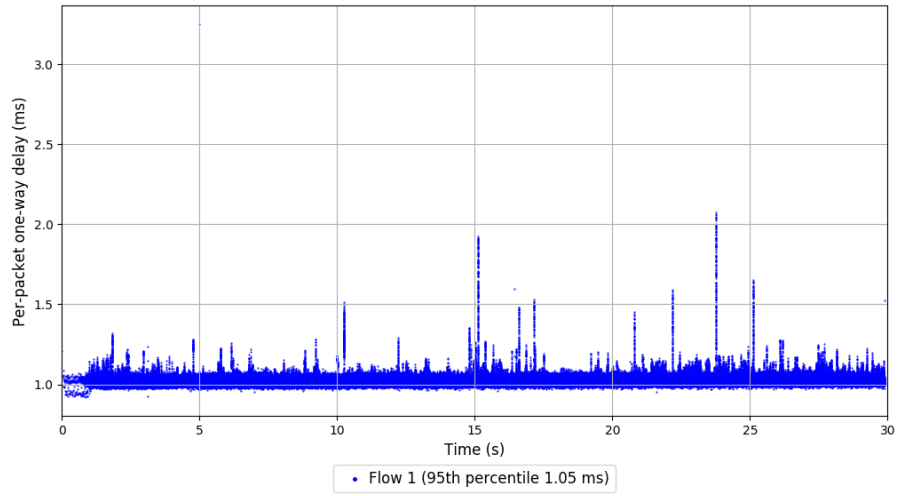
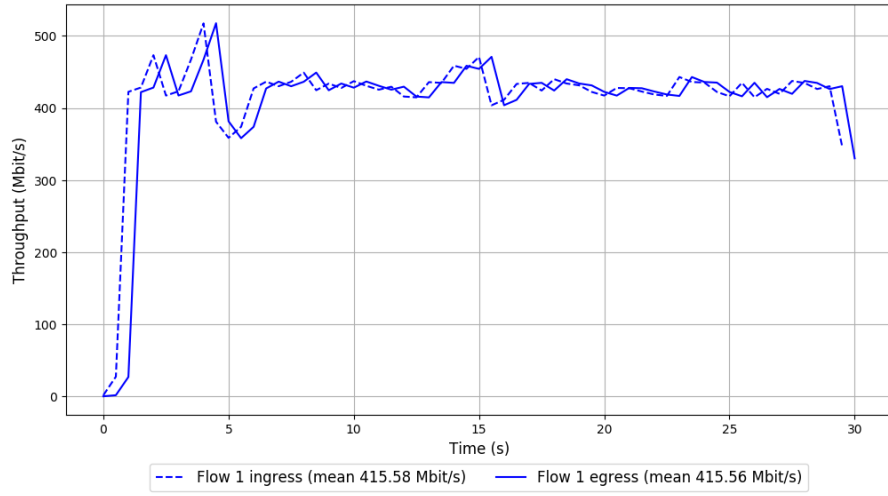
-- Flow 1:

Average throughput: 415.56 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.07%

Run 10: Report of PCC-Vivace — Data Link



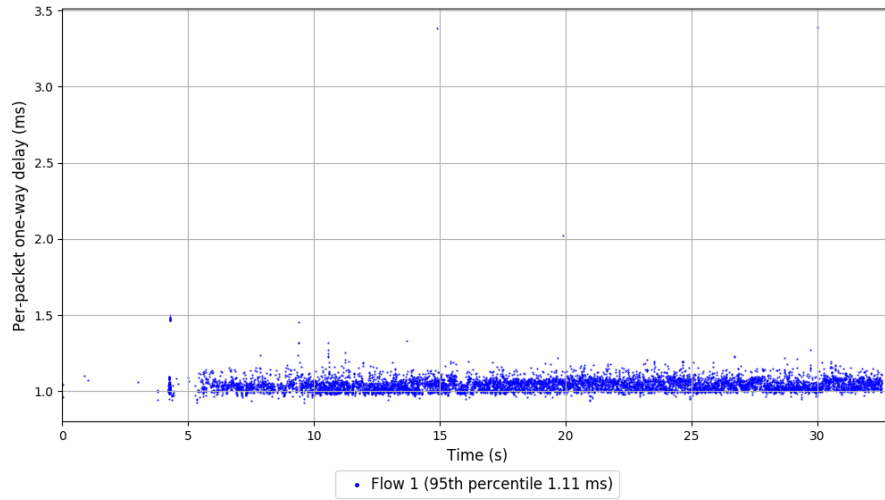
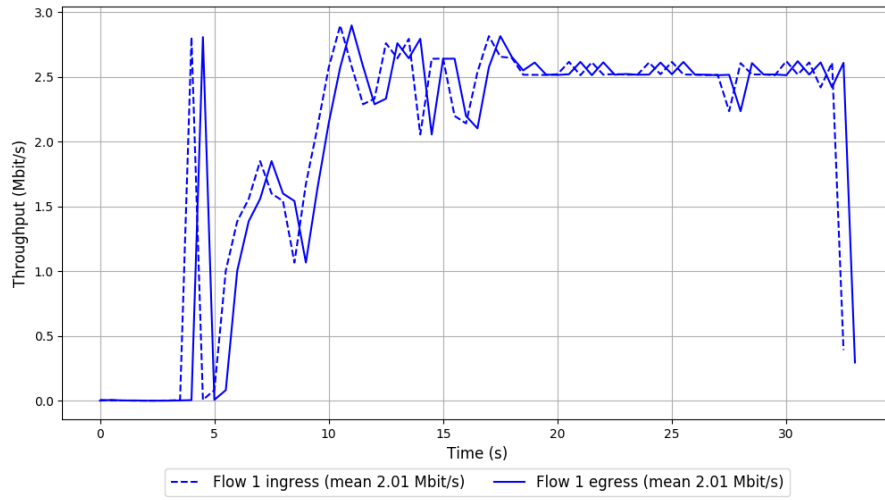
Run 1: Statistics of WebRTC media

Start at: 2018-08-22 11:13:43  
End at: 2018-08-22 11:14:13  
Local clock offset: 0.848 ms  
Remote clock offset: -3.394 ms

# Below is generated by plot.py at 2018-08-22 17:29:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.01 Mbit/s  
95th percentile per-packet one-way delay: 1.113 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 2.01 Mbit/s  
95th percentile per-packet one-way delay: 1.113 ms  
Loss rate: 0.07%



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-08-22 11:39:36

End at: 2018-08-22 11:40:06

Local clock offset: 0.747 ms

Remote clock offset: 1.924 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 1.316 ms

Loss rate: 0.07%

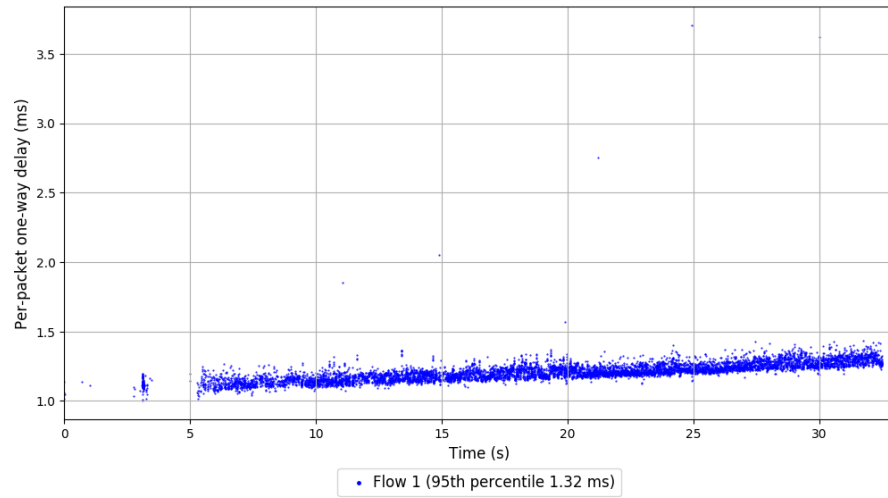
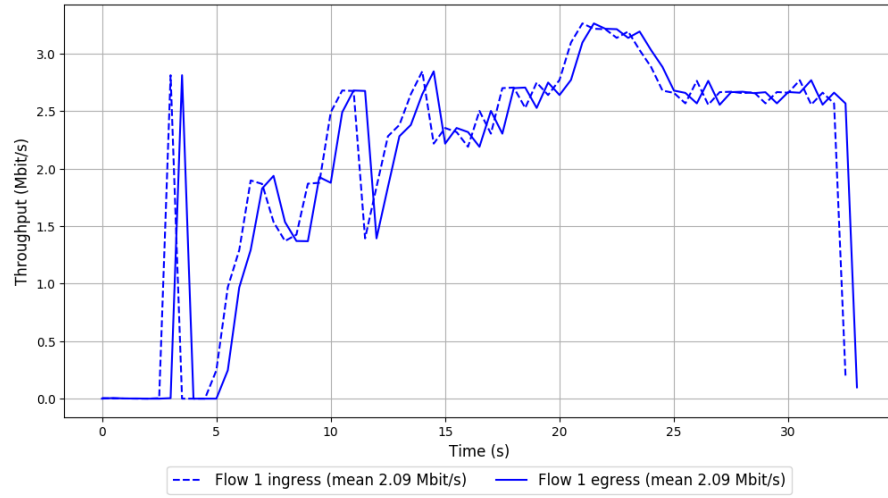
-- Flow 1:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 1.316 ms

Loss rate: 0.07%

## Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-08-22 12:05:16

End at: 2018-08-22 12:05:46

Local clock offset: 0.681 ms

Remote clock offset: 6.108 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 0.947 ms

Loss rate: 0.07%

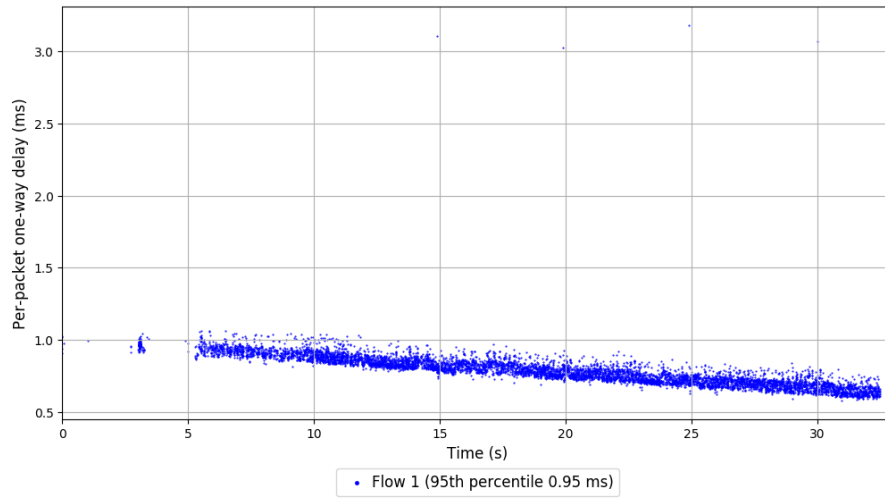
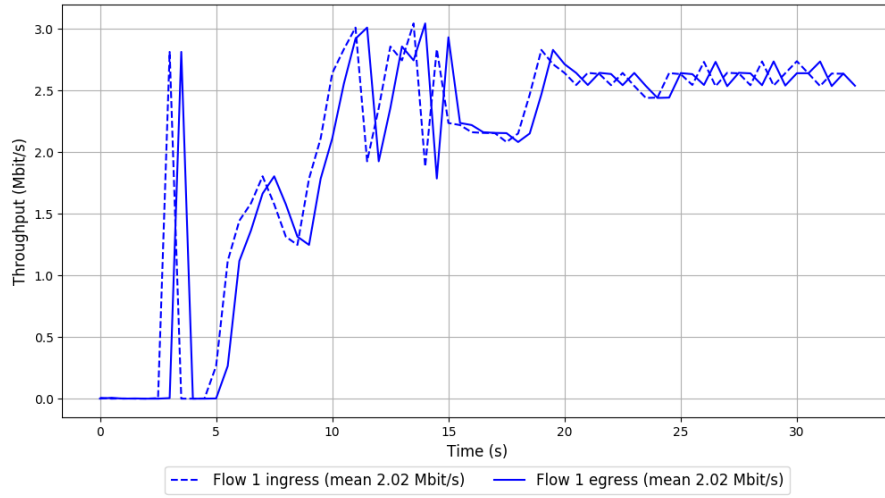
-- Flow 1:

Average throughput: 2.02 Mbit/s

95th percentile per-packet one-way delay: 0.947 ms

Loss rate: 0.07%

### Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-08-22 12:31:01

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

Local clock offset: 0.585 ms

Remote clock offset: 0.565 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 1.123 ms

Loss rate: 0.08%

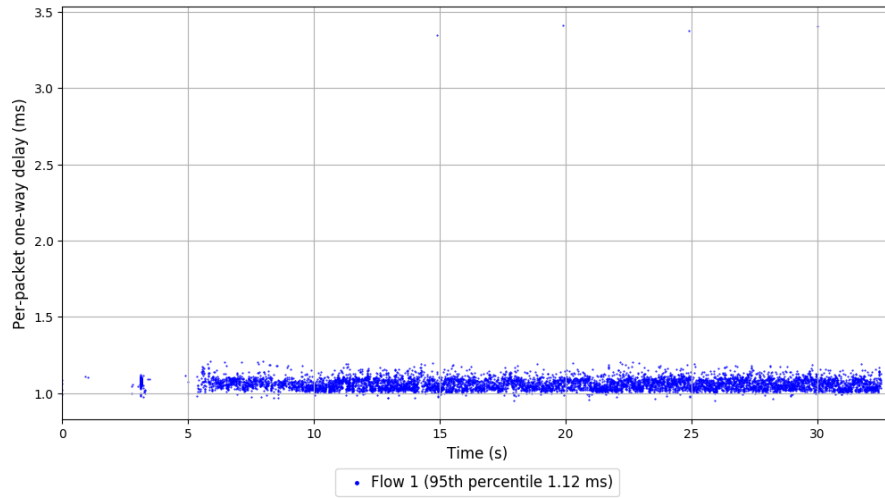
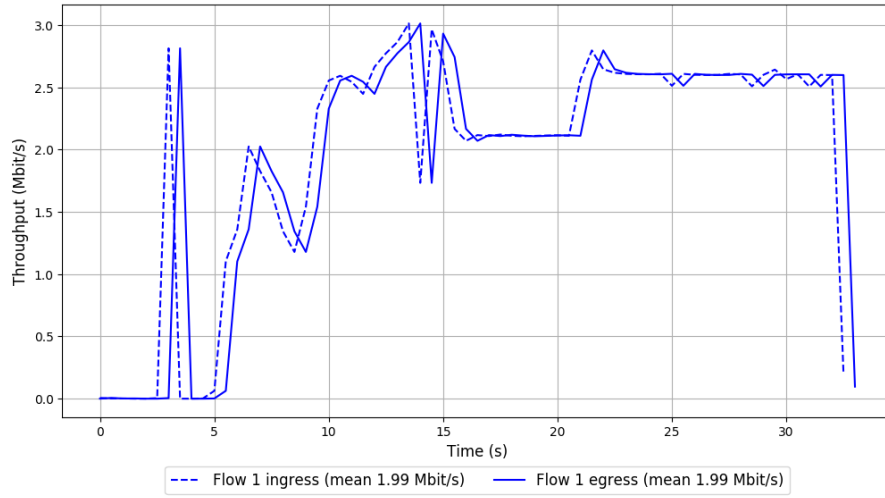
-- Flow 1:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 1.123 ms

Loss rate: 0.08%

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



Run 5: Statistics of WebRTC media

Start at: 2018-08-22 12:57:08

End at: 2018-08-22 12:57:38

Local clock offset: -2.742 ms

Remote clock offset: 3.158 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 1.292 ms

Loss rate: 0.08%

-- Flow 1:

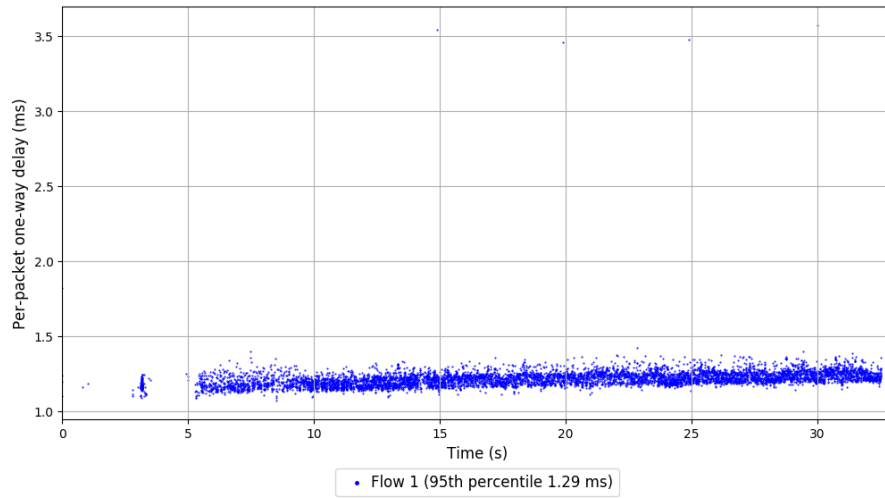
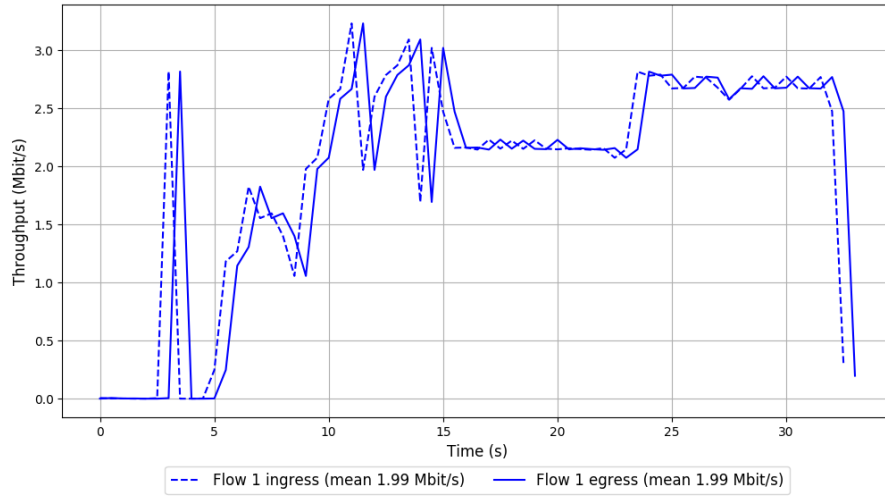
Average throughput: 1.99 Mbit/s

95th percentile per-packet one-way delay: 1.292 ms

Loss rate: 0.08%



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



Run 6: Statistics of WebRTC media

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

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

Local clock offset: 0.002 ms

Remote clock offset: 0.953 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 0.998 ms

Loss rate: 0.01%

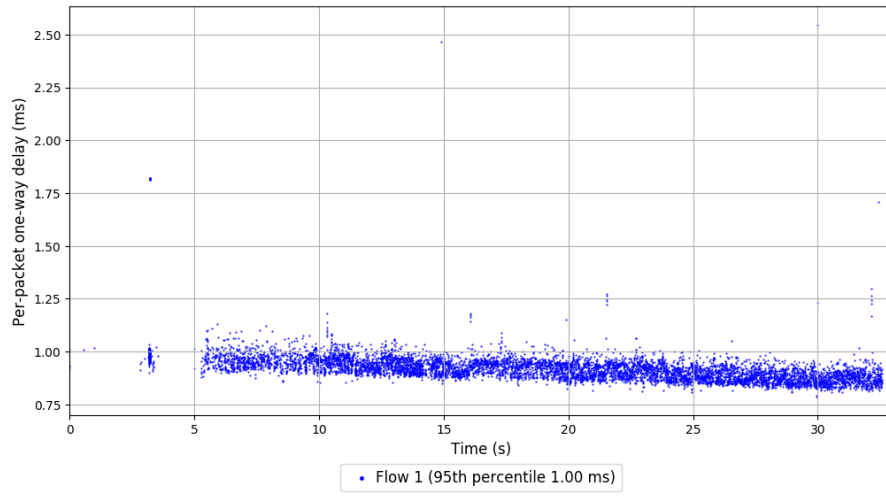
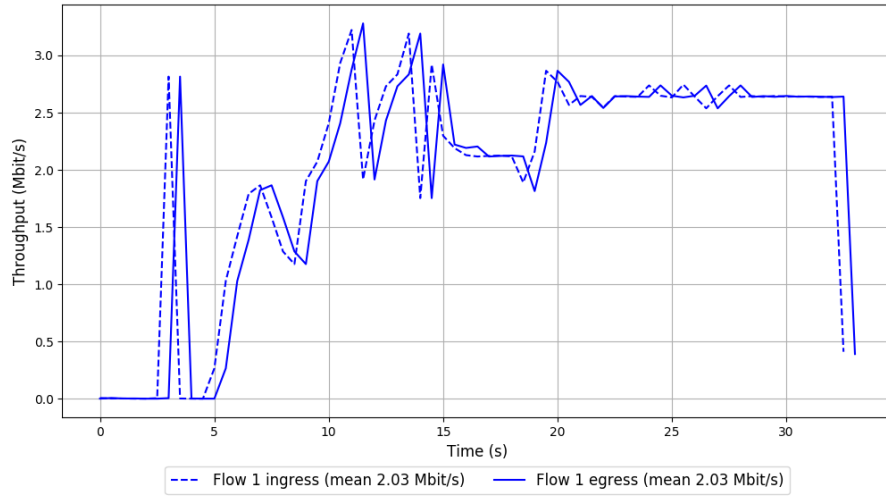
-- Flow 1:

Average throughput: 2.03 Mbit/s

95th percentile per-packet one-way delay: 0.998 ms

Loss rate: 0.01%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

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

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

Local clock offset: -2.026 ms

Remote clock offset: 0.259 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 1.396 ms

Loss rate: 0.00%

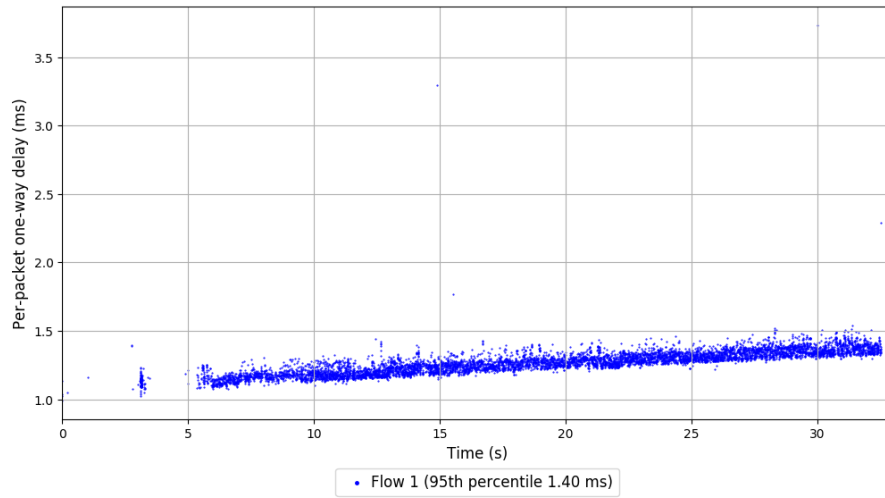
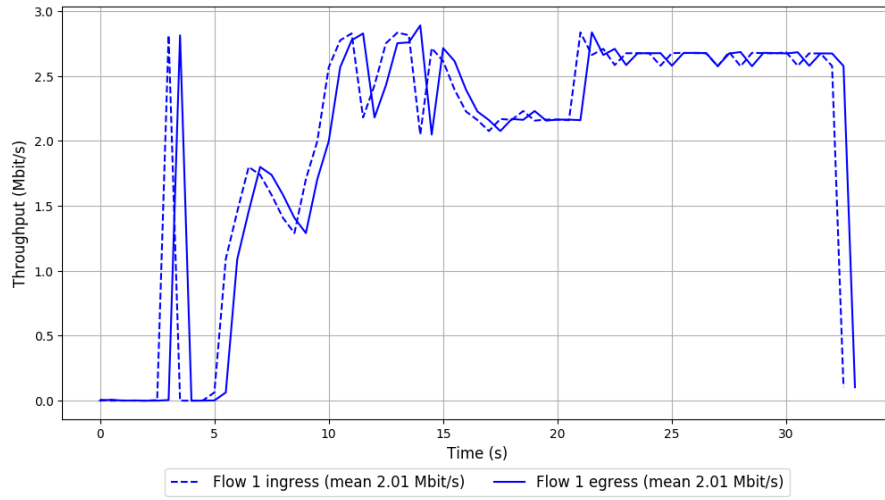
-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 1.396 ms

Loss rate: 0.00%

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



Run 8: Statistics of WebRTC media

Start at: 2018-08-22 14:14:38

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

Local clock offset: -2.536 ms

Remote clock offset: 4.647 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 1.97 Mbit/s

95th percentile per-packet one-way delay: 1.135 ms

Loss rate: 0.08%

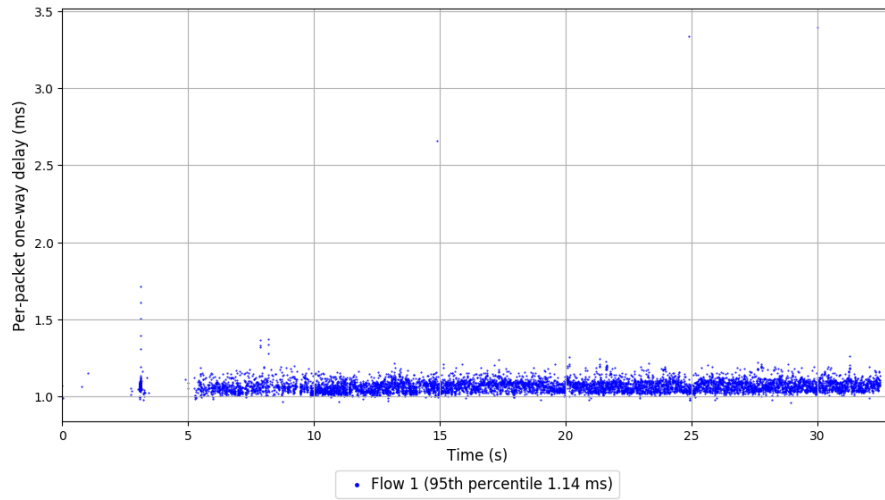
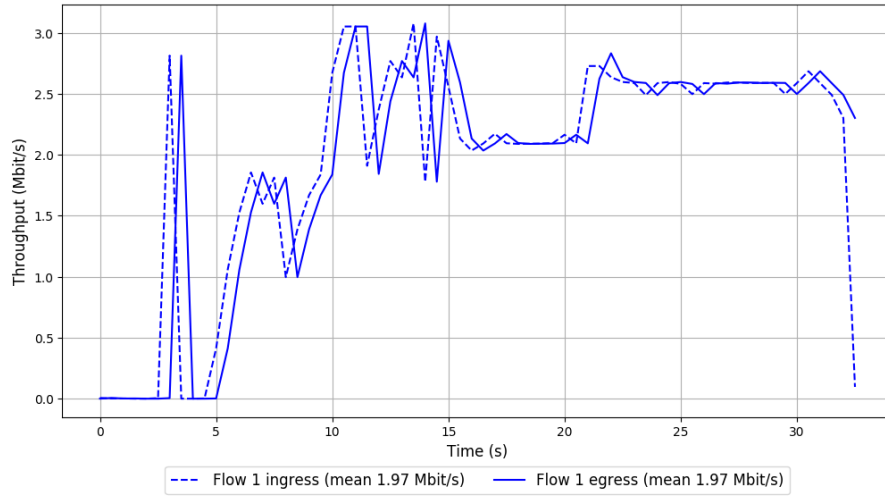
-- Flow 1:

Average throughput: 1.97 Mbit/s

95th percentile per-packet one-way delay: 1.135 ms

Loss rate: 0.08%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-08-22 14:40:39

End at: 2018-08-22 14:41:09

Local clock offset: -1.166 ms

Remote clock offset: 0.095 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 0.953 ms

Loss rate: 0.07%

-- Flow 1:

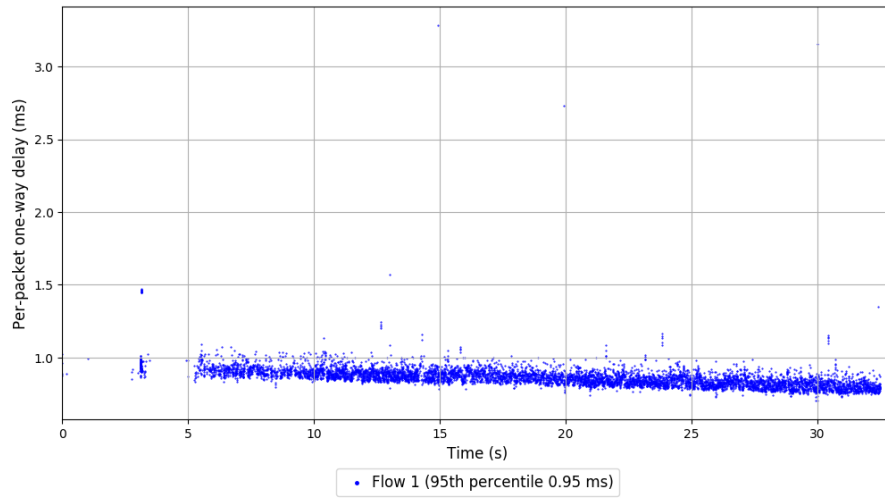
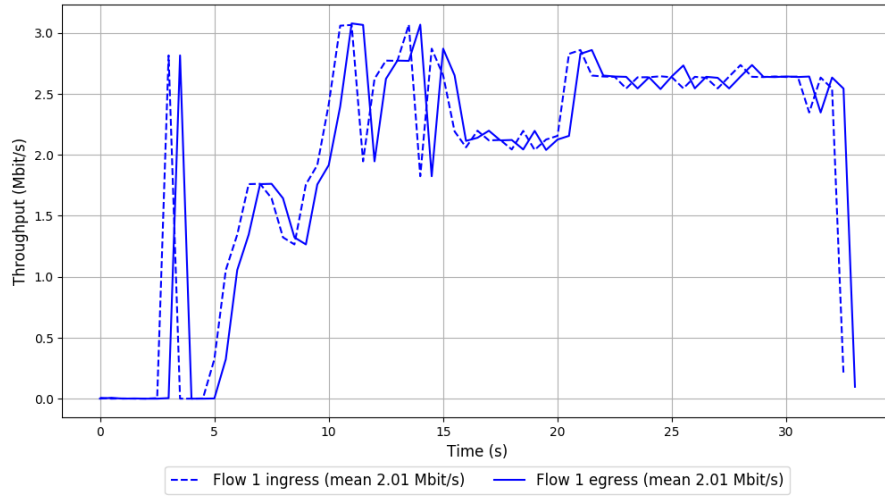
Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 0.953 ms

Loss rate: 0.07%



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



Run 10: Statistics of WebRTC media

Start at: 2018-08-22 15:06:40

End at: 2018-08-22 15:07:10

Local clock offset: 1.195 ms

Remote clock offset: -0.473 ms

# Below is generated by plot.py at 2018-08-22 17:29:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 1.143 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 1.143 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

