

## Pantheon Report

Generated at 2018-02-03 18:45:19 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

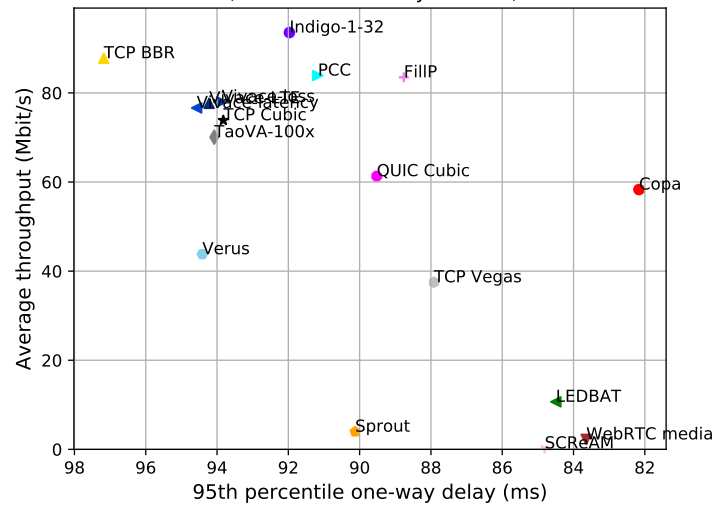
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

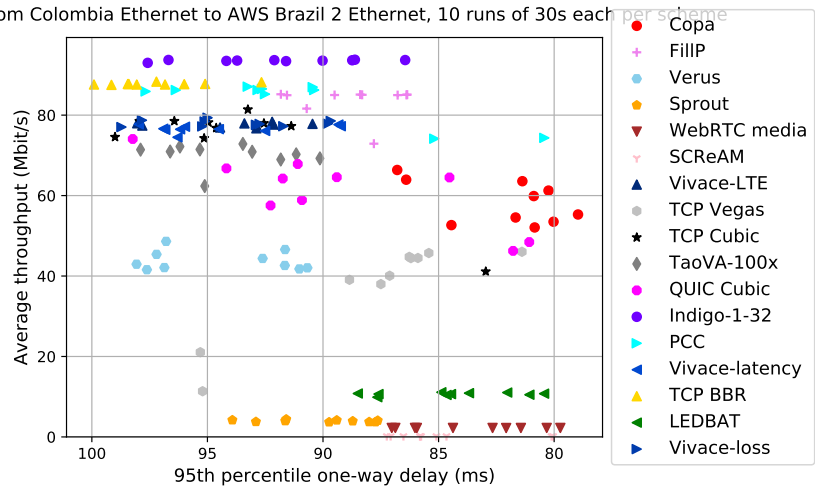
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	87.78	97.18	0.71
TCP Cubic	10	73.86	93.82	0.69
LEDBAT	10	10.67	84.50	1.22
PCC	10	83.89	91.17	0.89
QUIC Cubic	10	61.31	89.52	1.01
SCReAM	10	0.22	84.81	0.64
WebRTC media	10	2.23	83.65	0.72
Sprout	10	3.96	90.13	0.66
TaoVA-100x	10	70.06	94.08	1.45
TCP Vegas	10	37.50	87.92	0.65
Verus	10	43.80	94.41	0.22
Copa	10	58.31	82.16	0.67
FillP	10	83.49	88.76	1.53
Indigo-1-32	10	93.55	91.97	0.66
Vivace-latency	10	76.62	94.57	0.76
Vivace-loss	10	77.98	93.87	0.81
Vivace-LTE	10	77.67	94.22	0.78

Run 1: Statistics of TCP BBR

Start at: 2018-02-03 11:25:00

End at: 2018-02-03 11:25:30

Local clock offset: -0.231 ms

Remote clock offset: -6.003 ms

# Below is generated by plot.py at 2018-02-03 18:24:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.62 Mbit/s

95th percentile per-packet one-way delay: 96.834 ms

Loss rate: 0.72%

-- Flow 1:

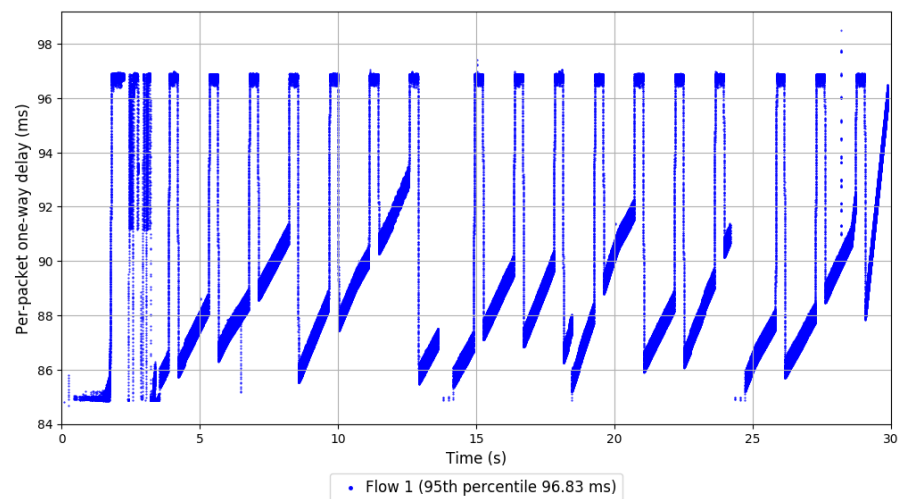
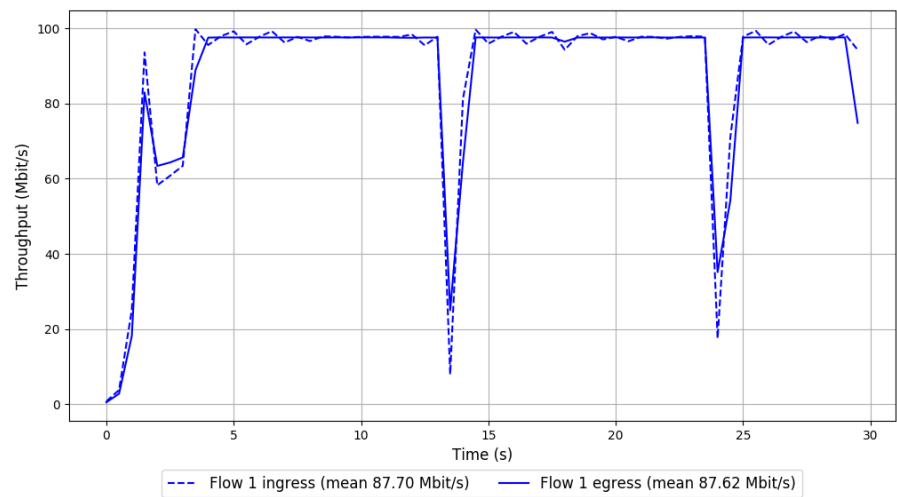
Average throughput: 87.62 Mbit/s

95th percentile per-packet one-way delay: 96.834 ms

Loss rate: 0.72%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-03 11:45:57

End at: 2018-02-03 11:46:27

Local clock offset: -0.219 ms

Remote clock offset: -5.51 ms

# Below is generated by plot.py at 2018-02-03 18:24:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 97.206 ms

Loss rate: 0.70%

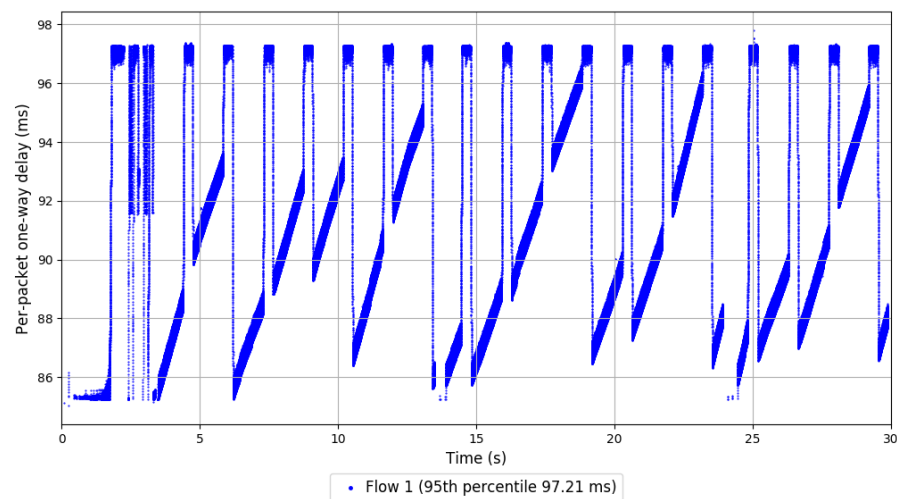
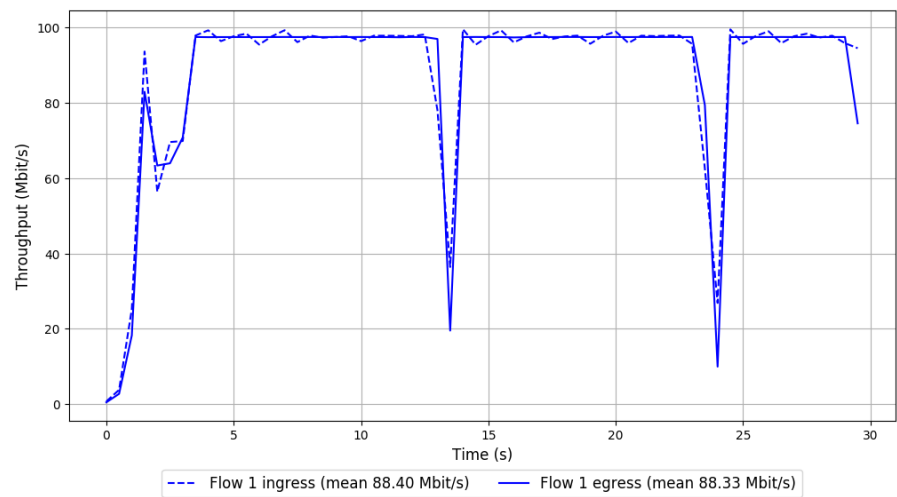
-- Flow 1:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 97.206 ms

Loss rate: 0.70%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-03 12:06:54

End at: 2018-02-03 12:07:24

Local clock offset: -0.22 ms

Remote clock offset: -6.585 ms

# Below is generated by plot.py at 2018-02-03 18:24:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.62 Mbit/s

95th percentile per-packet one-way delay: 99.908 ms

Loss rate: 0.72%

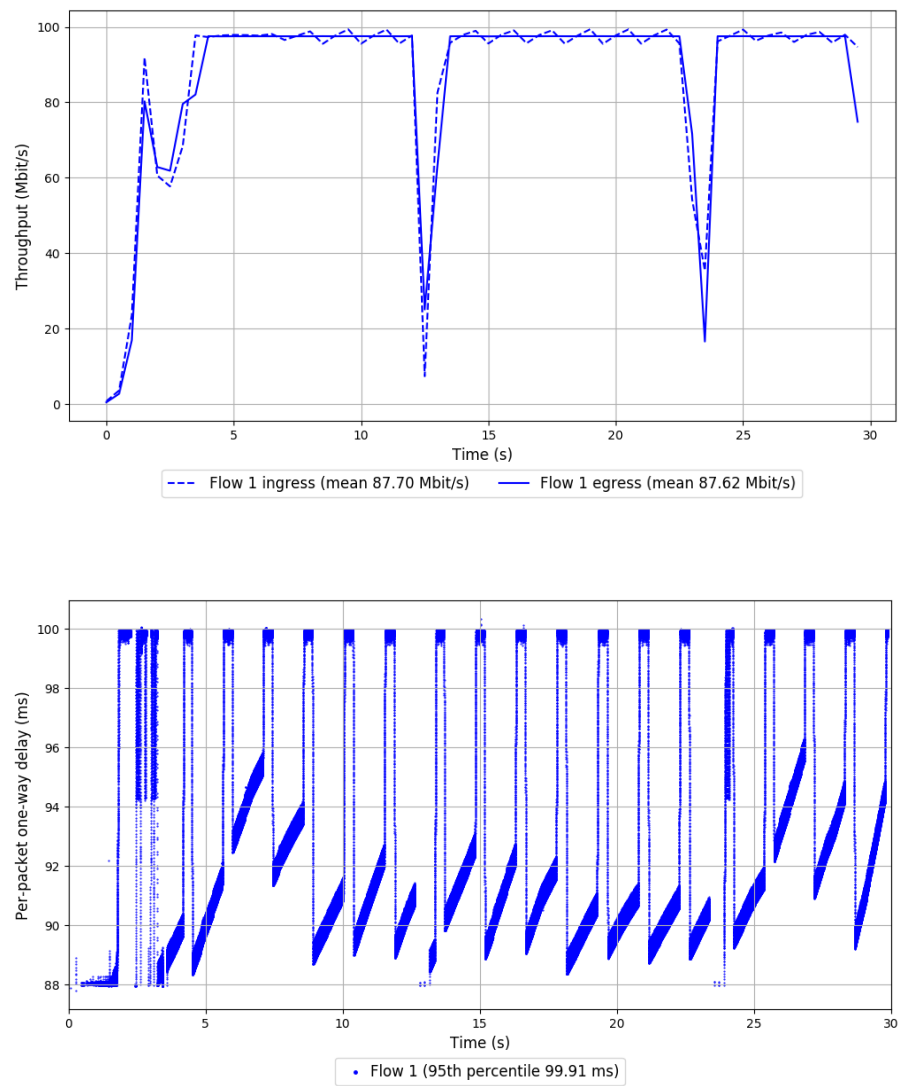
-- Flow 1:

Average throughput: 87.62 Mbit/s

95th percentile per-packet one-way delay: 99.908 ms

Loss rate: 0.72%

Run 3: Report of TCP BBR — Data Link

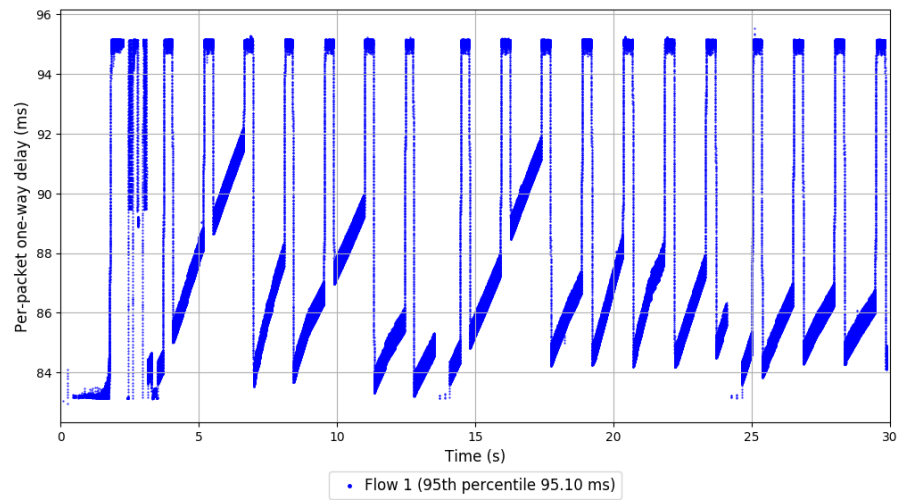
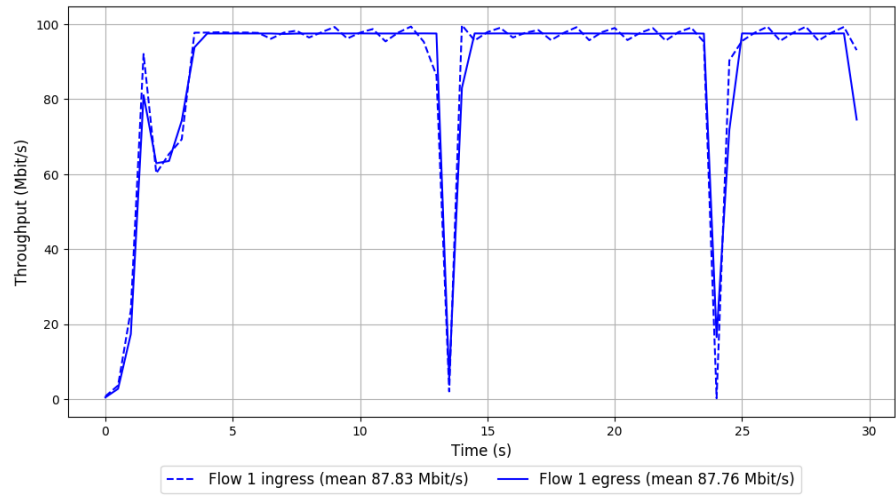


Run 4: Statistics of TCP BBR

Start at: 2018-02-03 12:27:52  
End at: 2018-02-03 12:28:22  
Local clock offset: -0.311 ms  
Remote clock offset: -2.029 ms

# Below is generated by plot.py at 2018-02-03 18:24:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.76 Mbit/s  
95th percentile per-packet one-way delay: 95.098 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 87.76 Mbit/s  
95th percentile per-packet one-way delay: 95.098 ms  
Loss rate: 0.70%

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



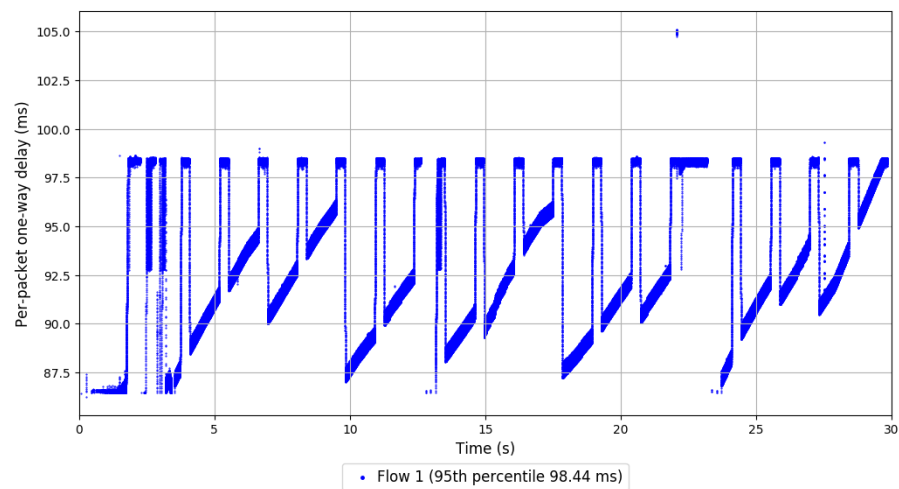
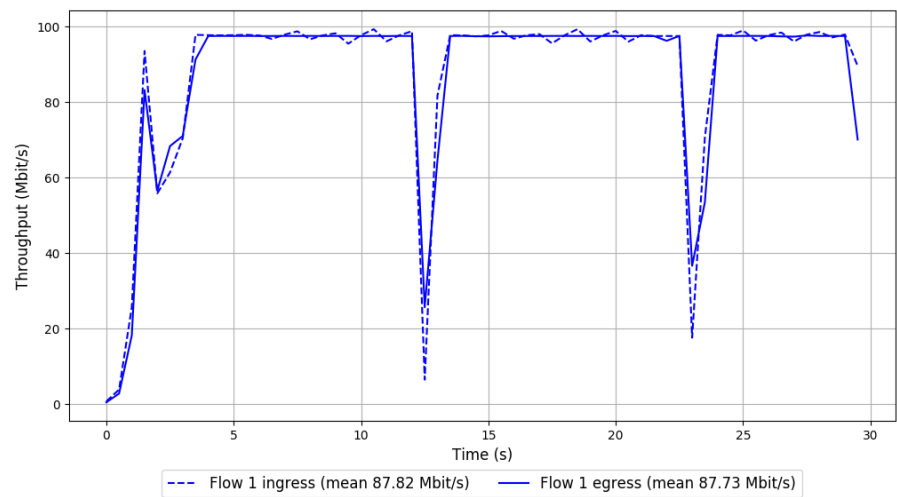
Run 5: Statistics of TCP BBR

Start at: 2018-02-03 12:48:50  
End at: 2018-02-03 12:49:20  
Local clock offset: -0.298 ms  
Remote clock offset: -7.029 ms

# Below is generated by plot.py at 2018-02-03 18:24:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.73 Mbit/s  
95th percentile per-packet one-way delay: 98.444 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 87.73 Mbit/s  
95th percentile per-packet one-way delay: 98.444 ms  
Loss rate: 0.73%



Run 5: Report of TCP BBR — Data Link

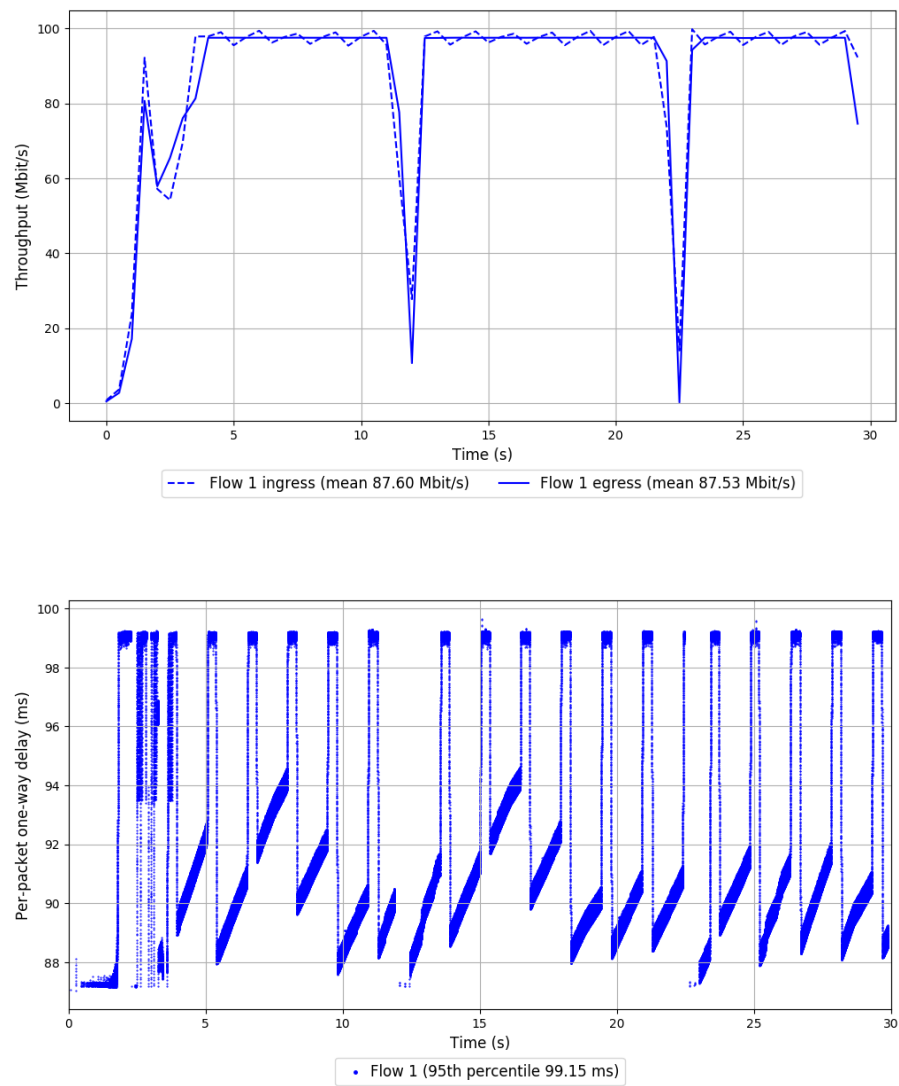


Run 6: Statistics of TCP BBR

Start at: 2018-02-03 13:09:47  
End at: 2018-02-03 13:10:17  
Local clock offset: -0.195 ms  
Remote clock offset: -5.706 ms

# Below is generated by plot.py at 2018-02-03 18:24:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.53 Mbit/s  
95th percentile per-packet one-way delay: 99.152 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 87.53 Mbit/s  
95th percentile per-packet one-way delay: 99.152 ms  
Loss rate: 0.71%

Run 6: Report of TCP BBR — Data Link

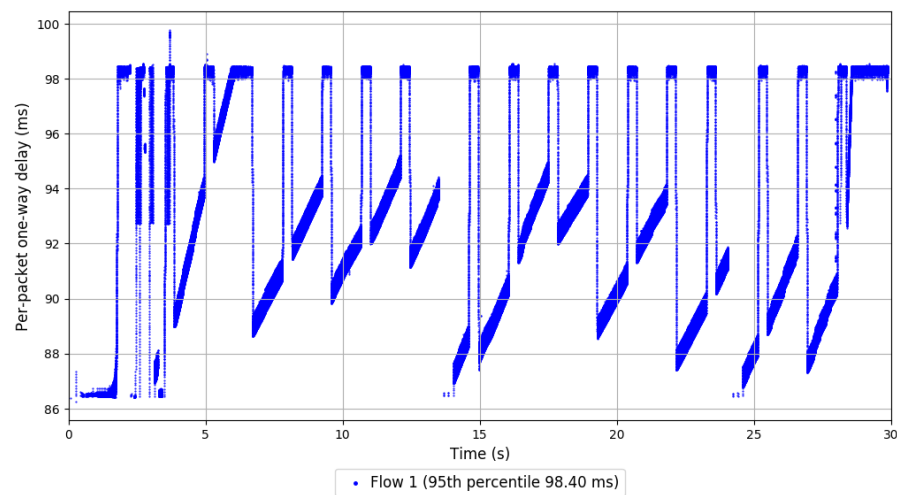
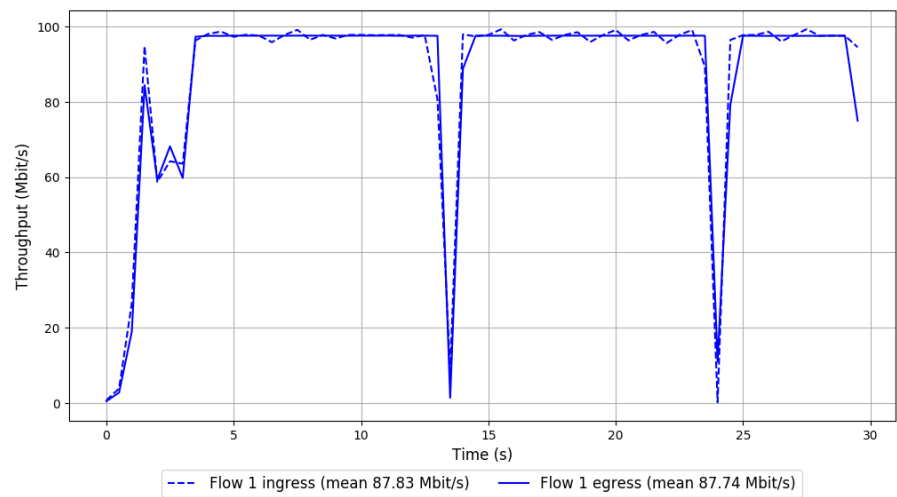


Run 7: Statistics of TCP BBR

Start at: 2018-02-03 13:30:46  
End at: 2018-02-03 13:31:16  
Local clock offset: -0.203 ms  
Remote clock offset: -5.449 ms

# Below is generated by plot.py at 2018-02-03 18:24:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.74 Mbit/s  
95th percentile per-packet one-way delay: 98.403 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 87.74 Mbit/s  
95th percentile per-packet one-way delay: 98.403 ms  
Loss rate: 0.73%

Run 7: Report of TCP BBR — Data Link

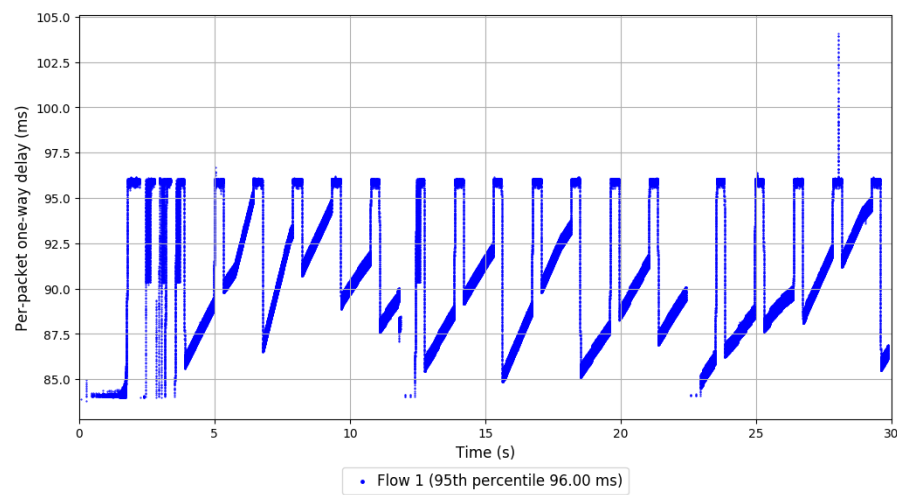
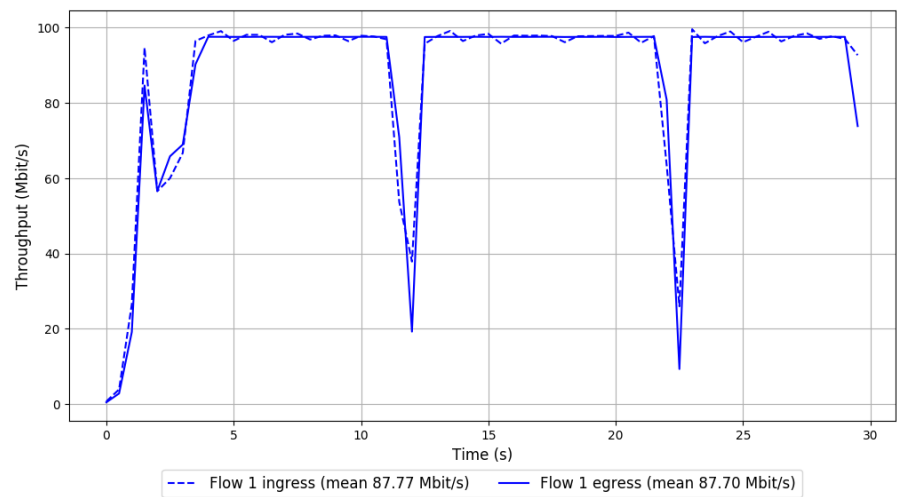


Run 8: Statistics of TCP BBR

Start at: 2018-02-03 13:51:48  
End at: 2018-02-03 13:52:18  
Local clock offset: -0.131 ms  
Remote clock offset: -4.064 ms

# Below is generated by plot.py at 2018-02-03 18:24:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.70 Mbit/s  
95th percentile per-packet one-way delay: 96.003 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 87.70 Mbit/s  
95th percentile per-packet one-way delay: 96.003 ms  
Loss rate: 0.70%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-03 14:12:45

End at: 2018-02-03 14:13:15

Local clock offset: -0.126 ms

Remote clock offset: 1.947 ms

# Below is generated by plot.py at 2018-02-03 18:26:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.18 Mbit/s

95th percentile per-packet one-way delay: 92.661 ms

Loss rate: 0.70%

-- Flow 1:

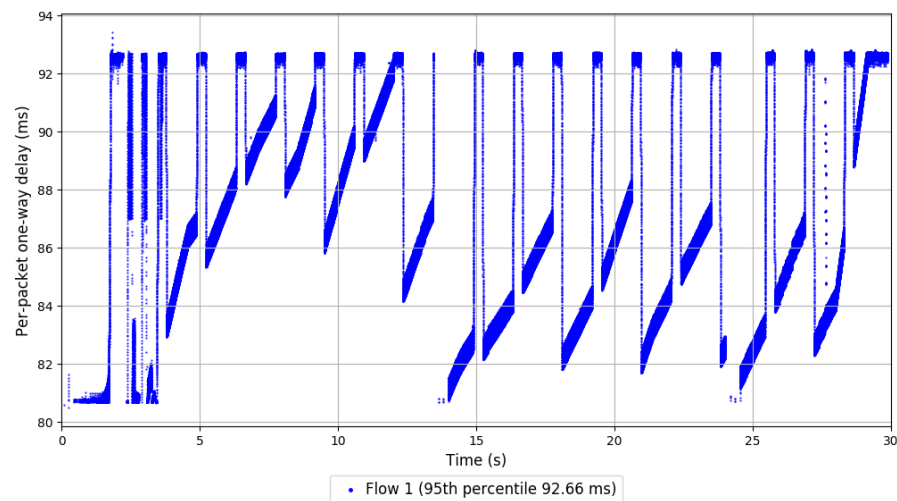
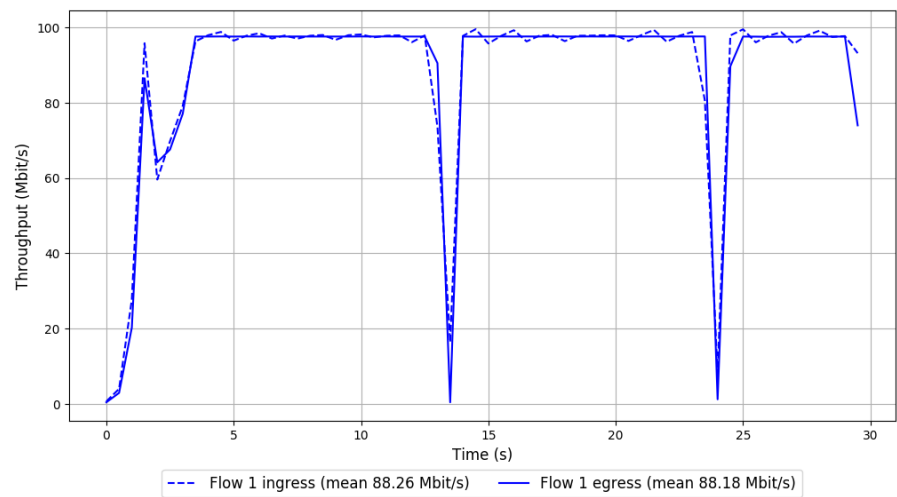
Average throughput: 88.18 Mbit/s

95th percentile per-packet one-way delay: 92.661 ms

Loss rate: 0.70%



Run 9: Report of TCP BBR — Data Link

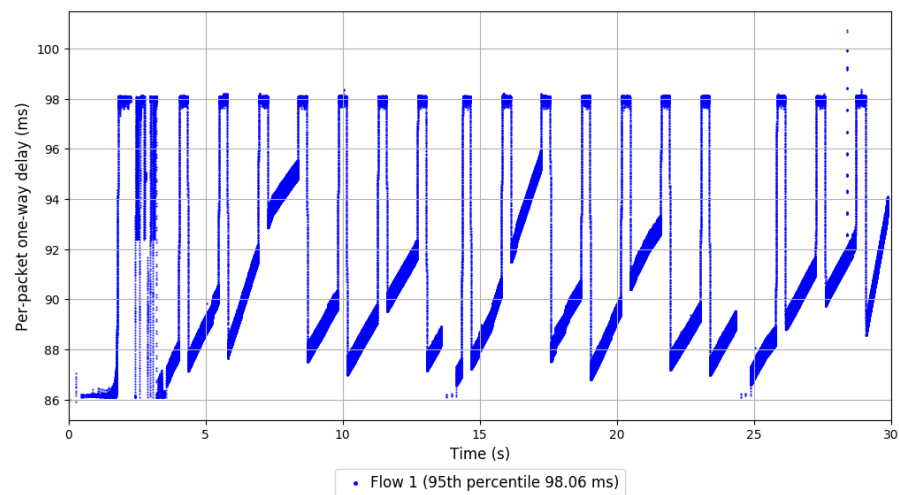
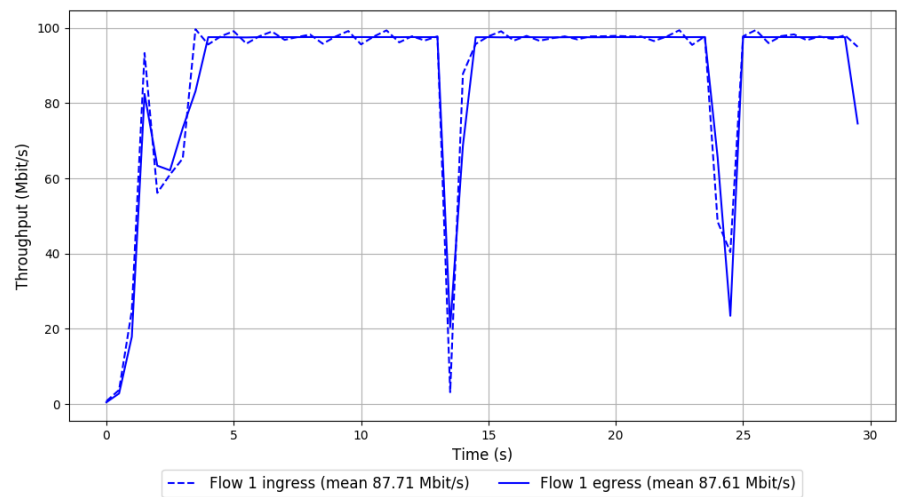


Run 10: Statistics of TCP BBR

Start at: 2018-02-03 14:33:42  
End at: 2018-02-03 14:34:12  
Local clock offset: -0.069 ms  
Remote clock offset: -0.862 ms

# Below is generated by plot.py at 2018-02-03 18:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.61 Mbit/s  
95th percentile per-packet one-way delay: 98.058 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 87.61 Mbit/s  
95th percentile per-packet one-way delay: 98.058 ms  
Loss rate: 0.73%

Run 10: Report of TCP BBR — Data Link

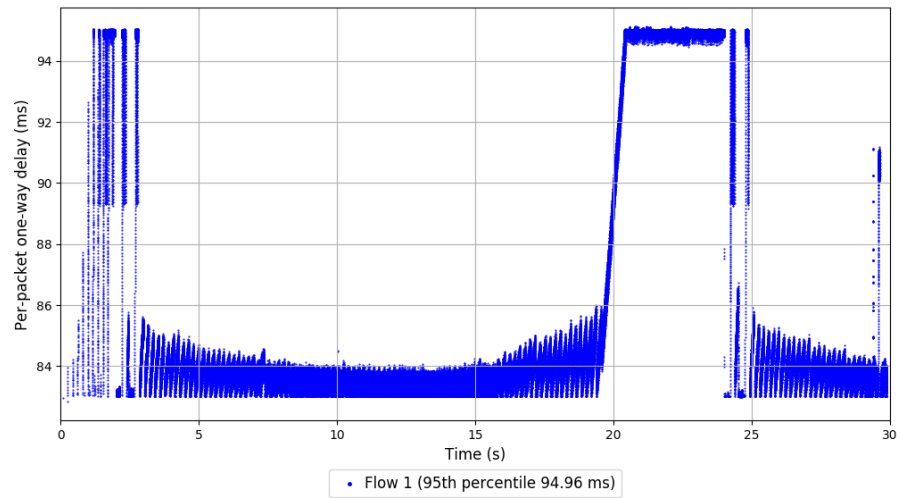
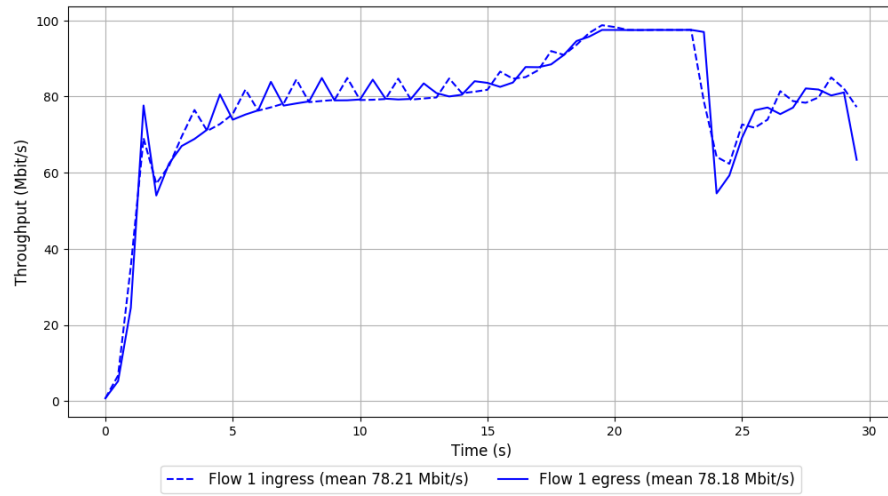


Run 1: Statistics of TCP Cubic

Start at: 2018-02-03 11:28:44  
End at: 2018-02-03 11:29:14  
Local clock offset: -0.224 ms  
Remote clock offset: -1.246 ms

# Below is generated by plot.py at 2018-02-03 18:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.18 Mbit/s  
95th percentile per-packet one-way delay: 94.959 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 78.18 Mbit/s  
95th percentile per-packet one-way delay: 94.959 ms  
Loss rate: 0.64%

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

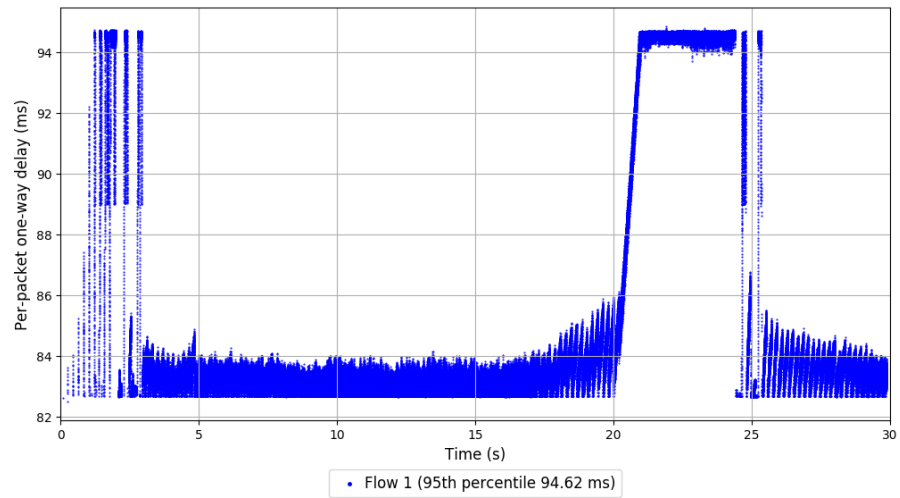
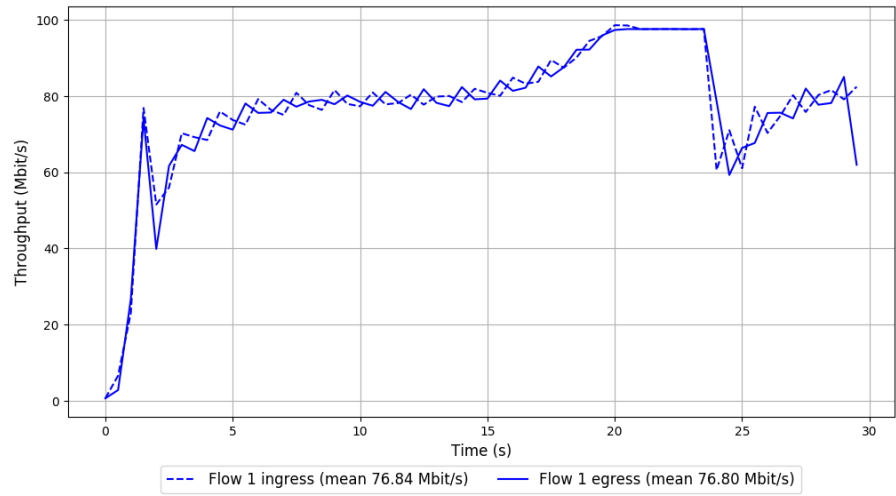


Run 2: Statistics of TCP Cubic

Start at: 2018-02-03 11:49:41  
End at: 2018-02-03 11:50:11  
Local clock offset: -0.271 ms  
Remote clock offset: -1.555 ms

# Below is generated by plot.py at 2018-02-03 18:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.80 Mbit/s  
95th percentile per-packet one-way delay: 94.619 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 76.80 Mbit/s  
95th percentile per-packet one-way delay: 94.619 ms  
Loss rate: 0.67%

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



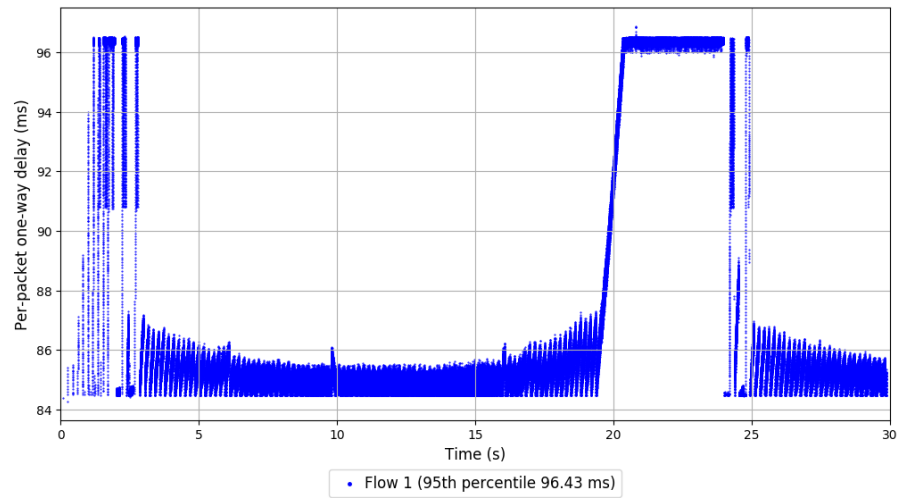
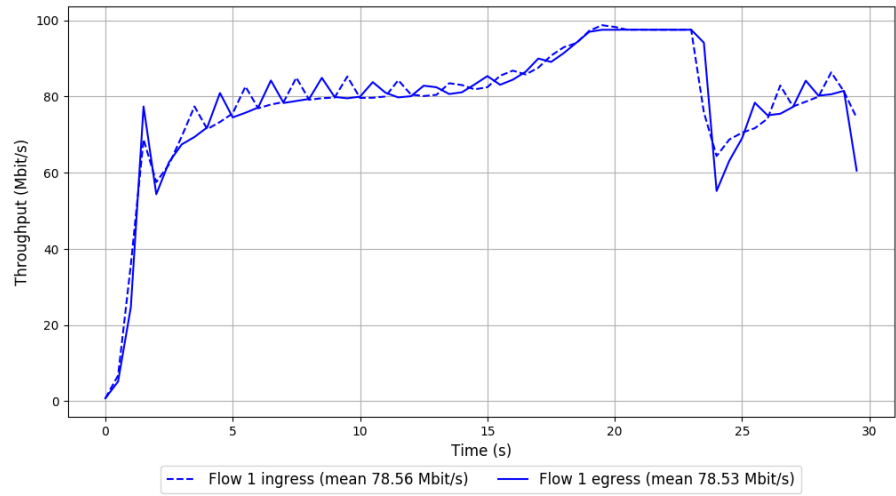
Run 3: Statistics of TCP Cubic

Start at: 2018-02-03 12:10:38  
End at: 2018-02-03 12:11:08  
Local clock offset: -0.22 ms  
Remote clock offset: -6.685 ms

# Below is generated by plot.py at 2018-02-03 18:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.53 Mbit/s  
95th percentile per-packet one-way delay: 96.431 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 78.53 Mbit/s  
95th percentile per-packet one-way delay: 96.431 ms  
Loss rate: 0.64%



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

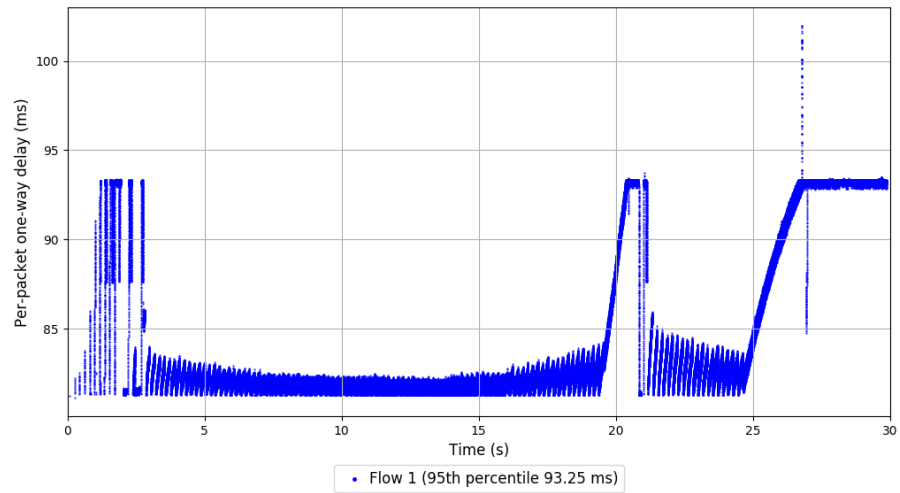
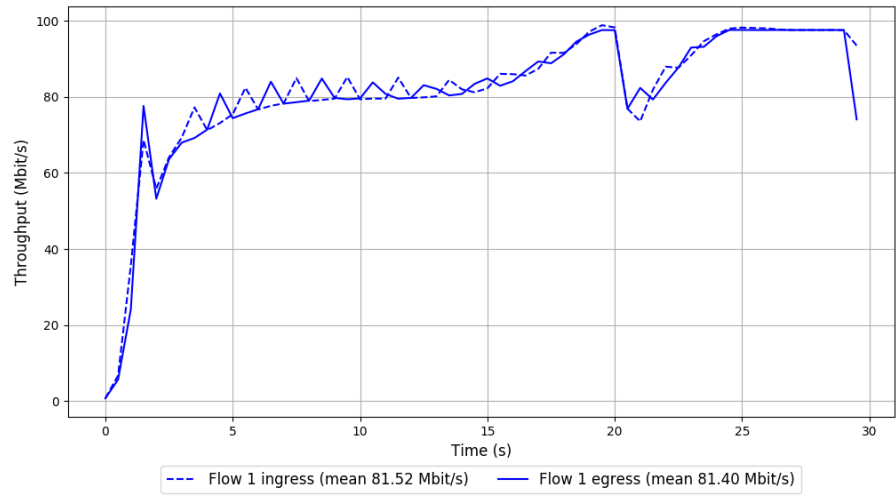


Run 4: Statistics of TCP Cubic

Start at: 2018-02-03 12:31:36  
End at: 2018-02-03 12:32:06  
Local clock offset: -0.24 ms  
Remote clock offset: -2.033 ms

# Below is generated by plot.py at 2018-02-03 18:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.40 Mbit/s  
95th percentile per-packet one-way delay: 93.250 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 81.40 Mbit/s  
95th percentile per-packet one-way delay: 93.250 ms  
Loss rate: 0.77%

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

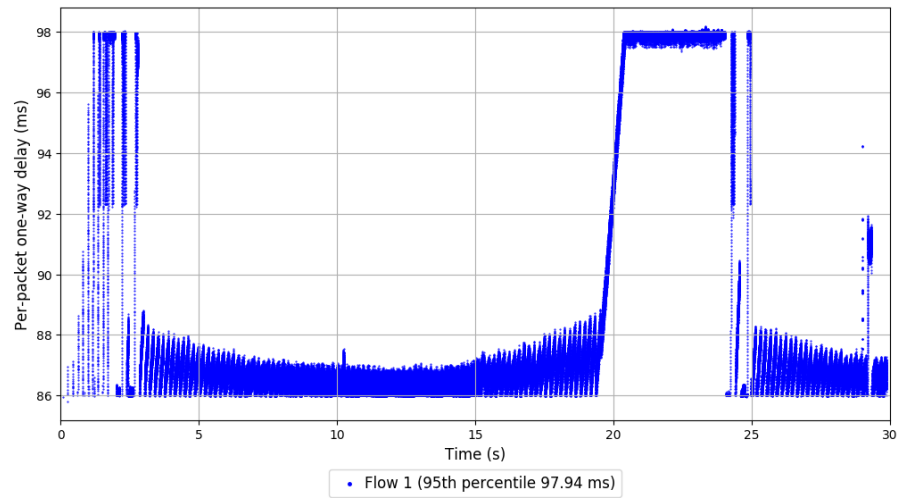
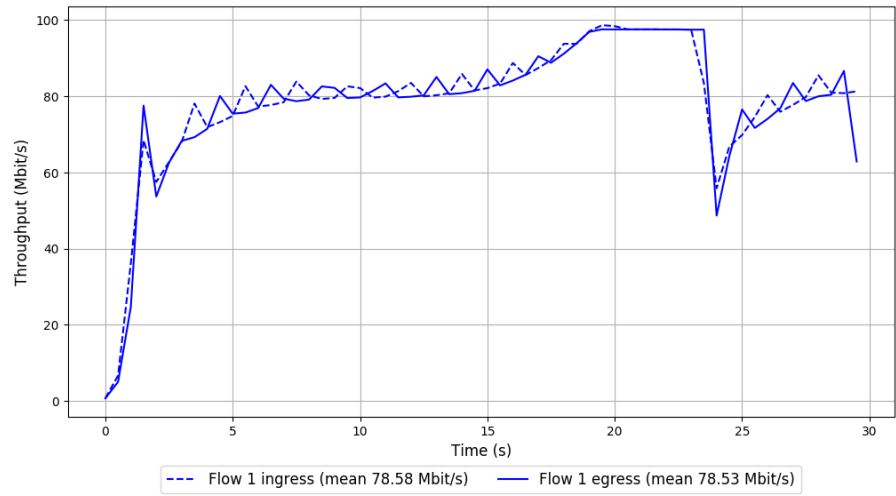


Run 5: Statistics of TCP Cubic

Start at: 2018-02-03 12:52:34  
End at: 2018-02-03 12:53:04  
Local clock offset: -0.232 ms  
Remote clock offset: -7.049 ms

# Below is generated by plot.py at 2018-02-03 18:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.53 Mbit/s  
95th percentile per-packet one-way delay: 97.942 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 78.53 Mbit/s  
95th percentile per-packet one-way delay: 97.942 ms  
Loss rate: 0.64%

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

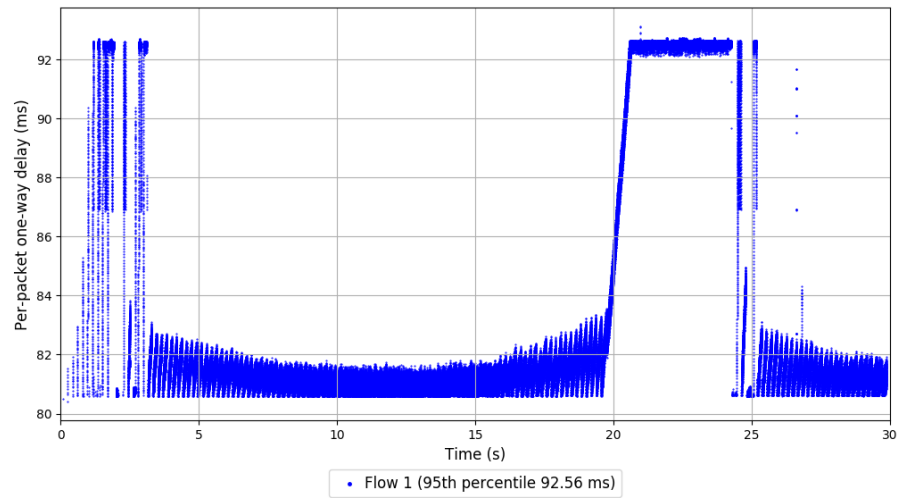
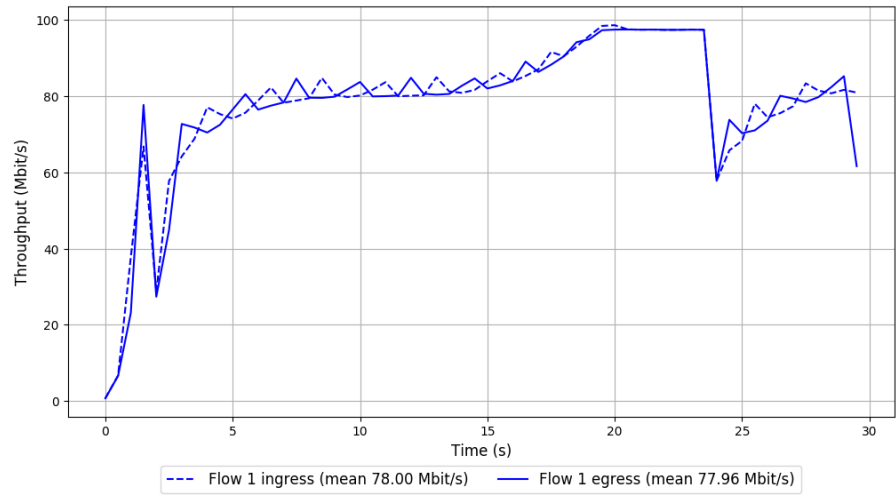


Run 6: Statistics of TCP Cubic

Start at: 2018-02-03 13:13:31  
End at: 2018-02-03 13:14:01  
Local clock offset: -0.178 ms  
Remote clock offset: -0.569 ms

# Below is generated by plot.py at 2018-02-03 18:26:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.96 Mbit/s  
95th percentile per-packet one-way delay: 92.556 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 77.96 Mbit/s  
95th percentile per-packet one-way delay: 92.556 ms  
Loss rate: 0.64%

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



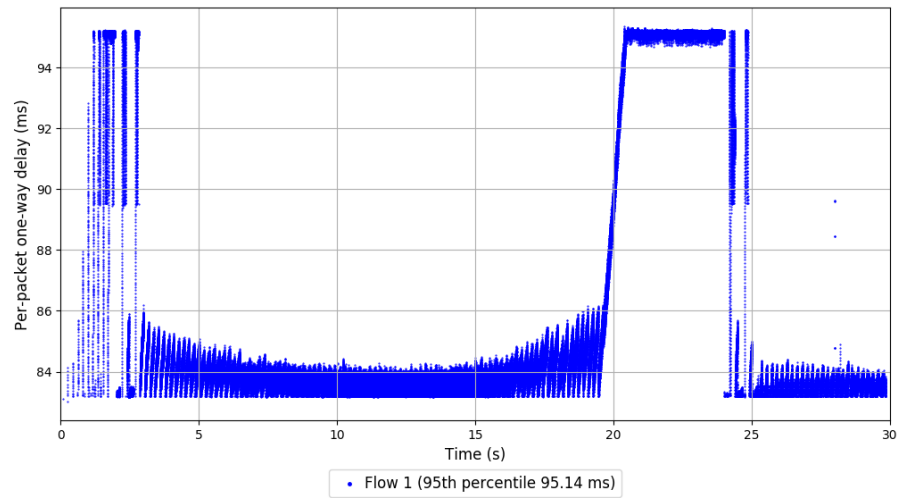
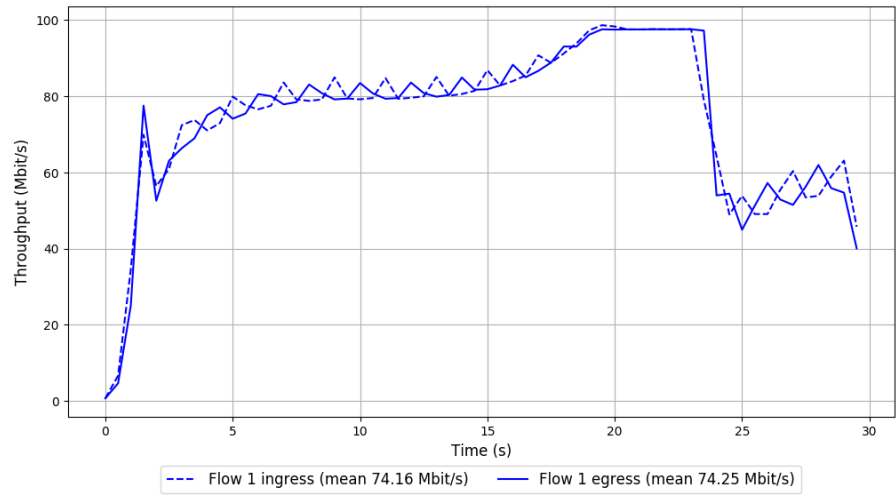
Run 7: Statistics of TCP Cubic

Start at: 2018-02-03 13:34:31  
End at: 2018-02-03 13:35:01  
Local clock offset: -0.114 ms  
Remote clock offset: -0.518 ms

# Below is generated by plot.py at 2018-02-03 18:27:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.25 Mbit/s  
95th percentile per-packet one-way delay: 95.142 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 74.25 Mbit/s  
95th percentile per-packet one-way delay: 95.142 ms  
Loss rate: 0.48%



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

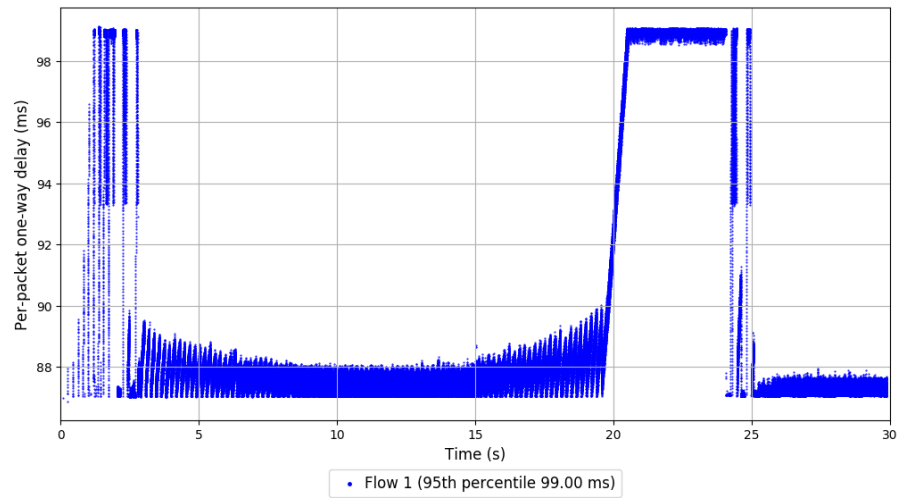
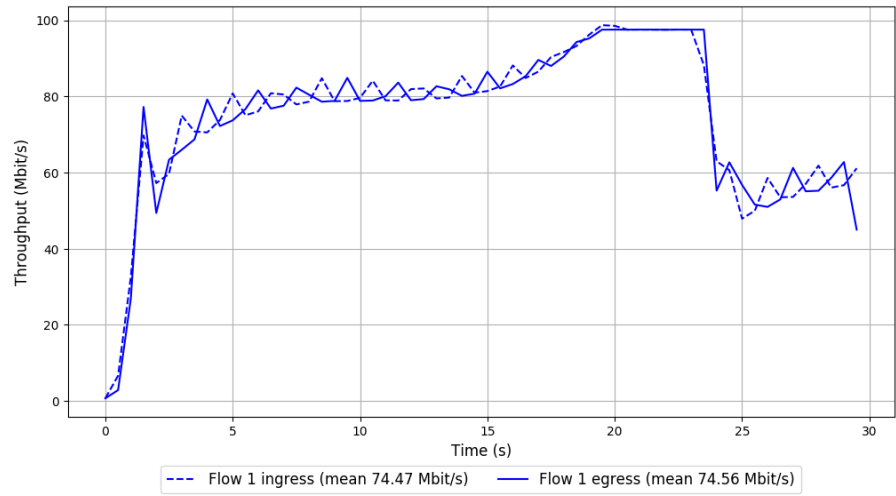


Run 8: Statistics of TCP Cubic

Start at: 2018-02-03 13:55:32  
End at: 2018-02-03 13:56:02  
Local clock offset: -0.128 ms  
Remote clock offset: -3.879 ms

# Below is generated by plot.py at 2018-02-03 18:27:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.56 Mbit/s  
95th percentile per-packet one-way delay: 98.997 ms  
Loss rate: 0.49%  
-- Flow 1:  
Average throughput: 74.56 Mbit/s  
95th percentile per-packet one-way delay: 98.997 ms  
Loss rate: 0.49%

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



Run 9: Statistics of TCP Cubic

Start at: 2018-02-03 14:16:29

End at: 2018-02-03 14:16:59

Local clock offset: -0.176 ms

Remote clock offset: 3.01 ms

# Below is generated by plot.py at 2018-02-03 18:27:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.11 Mbit/s

95th percentile per-packet one-way delay: 82.959 ms

Loss rate: 1.26%

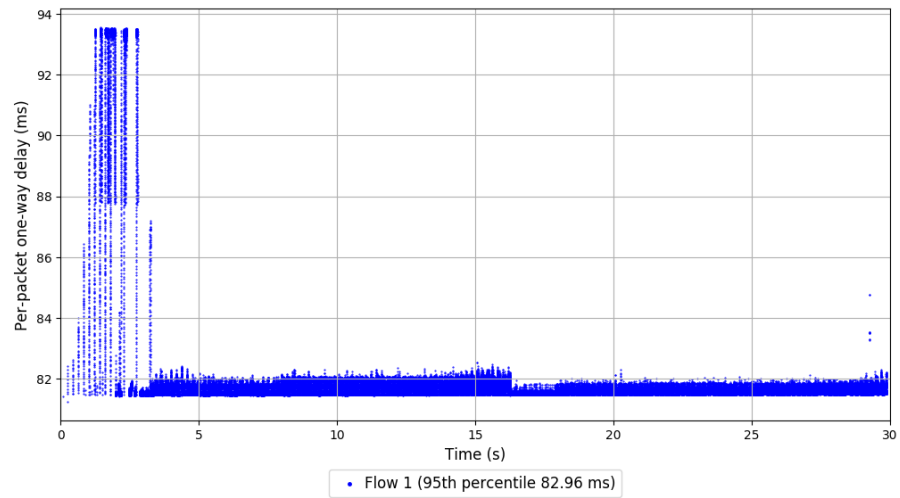
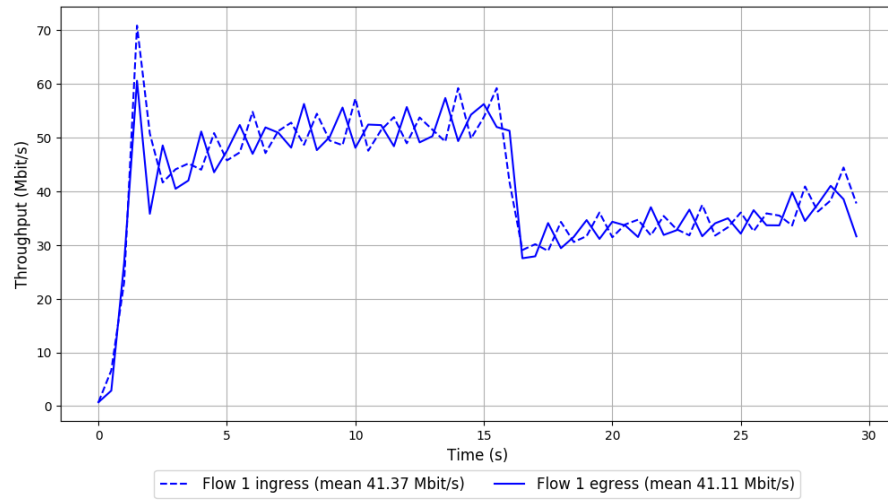
-- Flow 1:

Average throughput: 41.11 Mbit/s

95th percentile per-packet one-way delay: 82.959 ms

Loss rate: 1.26%

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



Run 10: Statistics of TCP Cubic

Start at: 2018-02-03 14:37:25

End at: 2018-02-03 14:37:55

Local clock offset: -0.07 ms

Remote clock offset: 3.841 ms

# Below is generated by plot.py at 2018-02-03 18:27:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.27 Mbit/s

95th percentile per-packet one-way delay: 91.374 ms

Loss rate: 0.66%

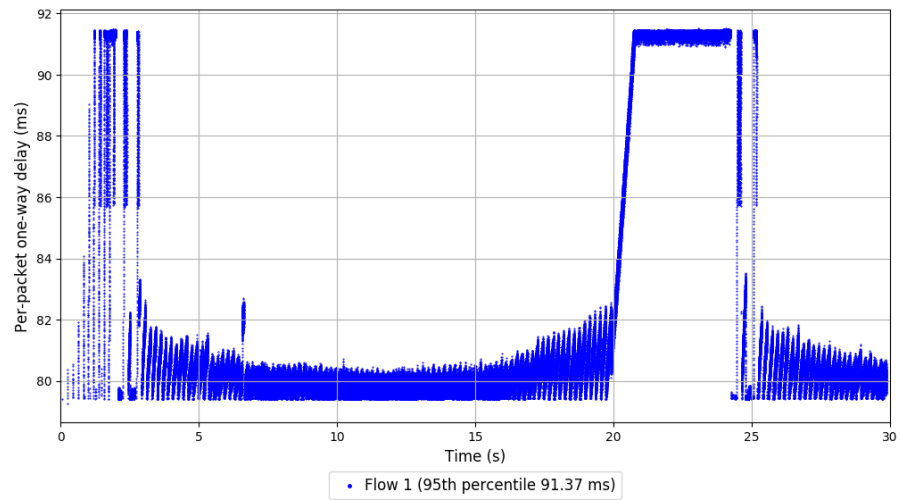
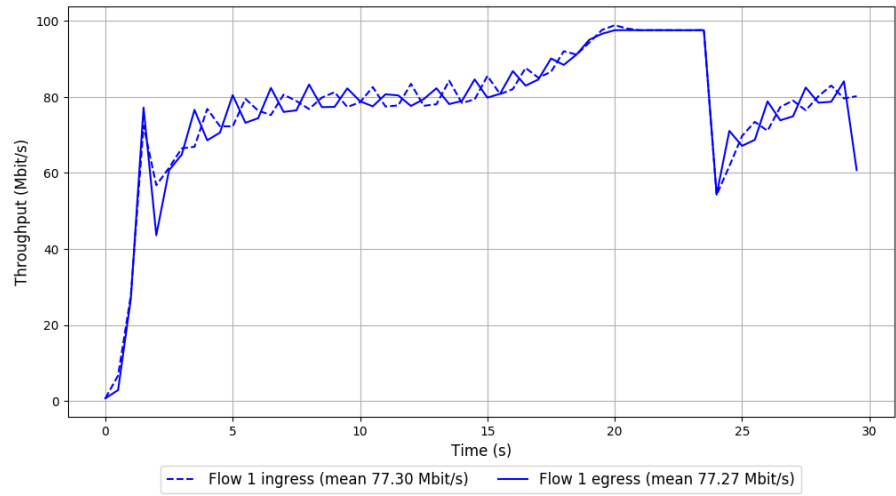
-- Flow 1:

Average throughput: 77.27 Mbit/s

95th percentile per-packet one-way delay: 91.374 ms

Loss rate: 0.66%

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



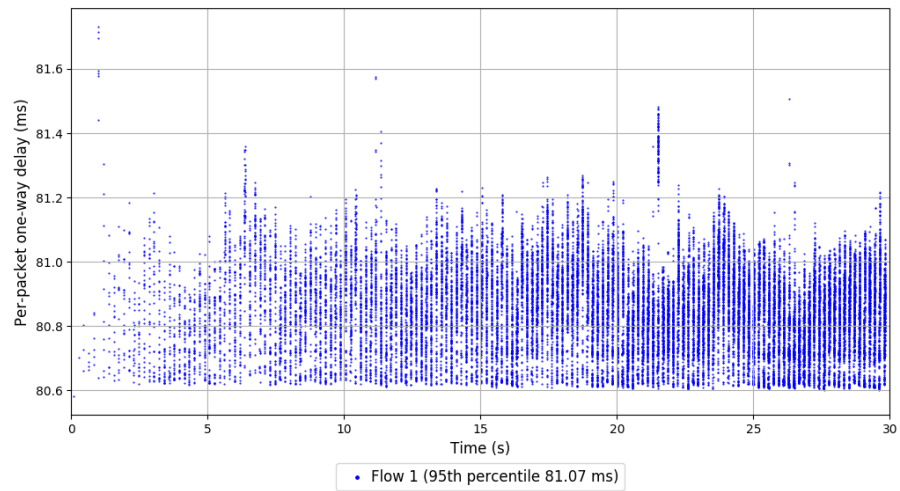
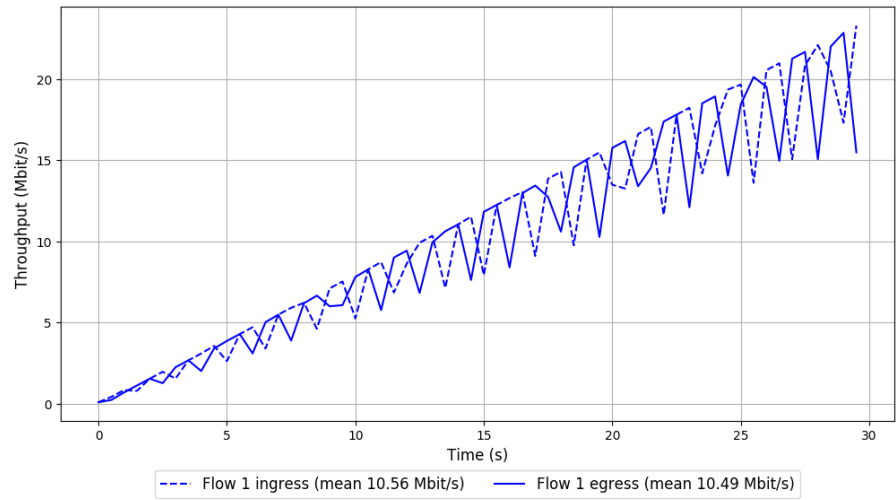
Run 1: Statistics of LEDBAT

Start at: 2018-02-03 11:39:47  
End at: 2018-02-03 11:40:17  
Local clock offset: -0.217 ms  
Remote clock offset: -0.534 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.49 Mbit/s  
95th percentile per-packet one-way delay: 81.072 ms  
Loss rate: 1.24%  
-- Flow 1:  
Average throughput: 10.49 Mbit/s  
95th percentile per-packet one-way delay: 81.072 ms  
Loss rate: 1.24%



# Run 1: Report of LEDBAT — Data Link

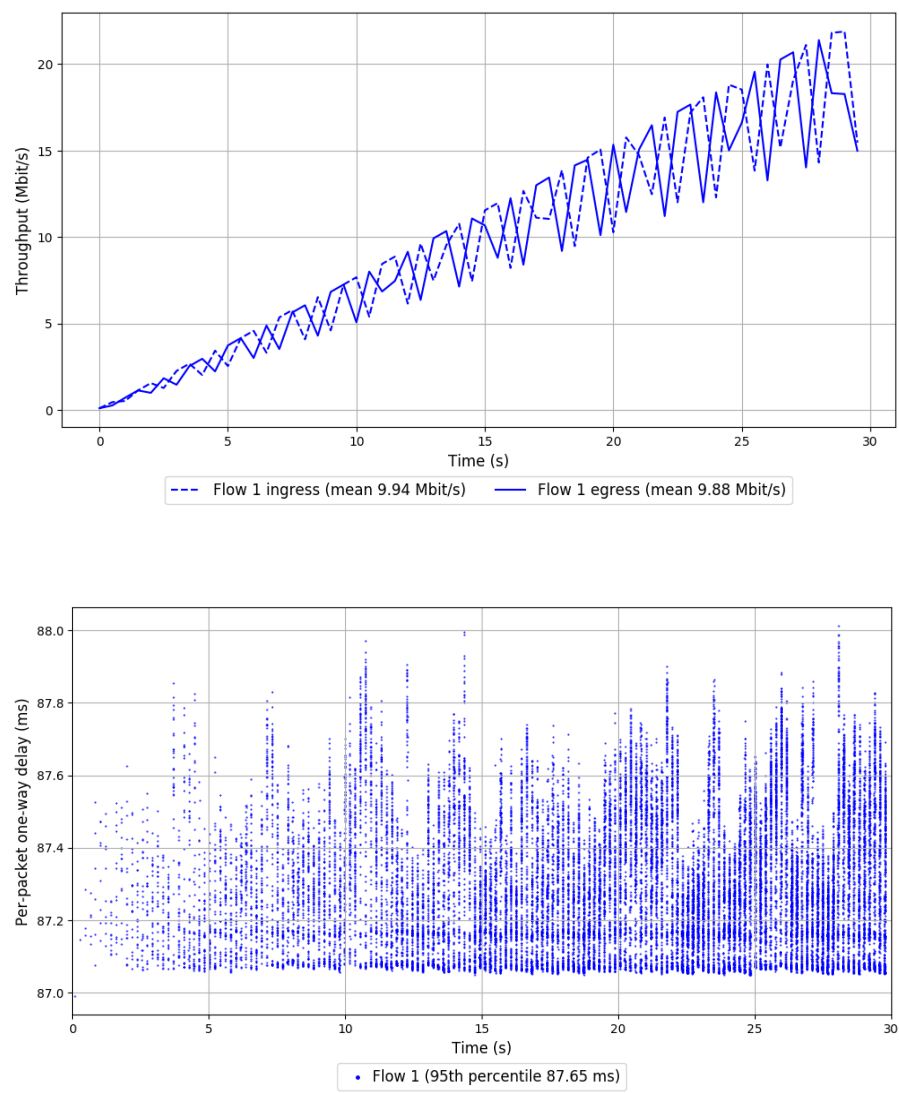


Run 2: Statistics of LEDBAT

Start at: 2018-02-03 12:00:44  
End at: 2018-02-03 12:01:14  
Local clock offset: -0.311 ms  
Remote clock offset: -5.719 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 9.88 Mbit/s  
95th percentile per-packet one-way delay: 87.651 ms  
Loss rate: 1.28%  
-- Flow 1:  
Average throughput: 9.88 Mbit/s  
95th percentile per-packet one-way delay: 87.651 ms  
Loss rate: 1.28%

Run 2: Report of LEDBAT — Data Link

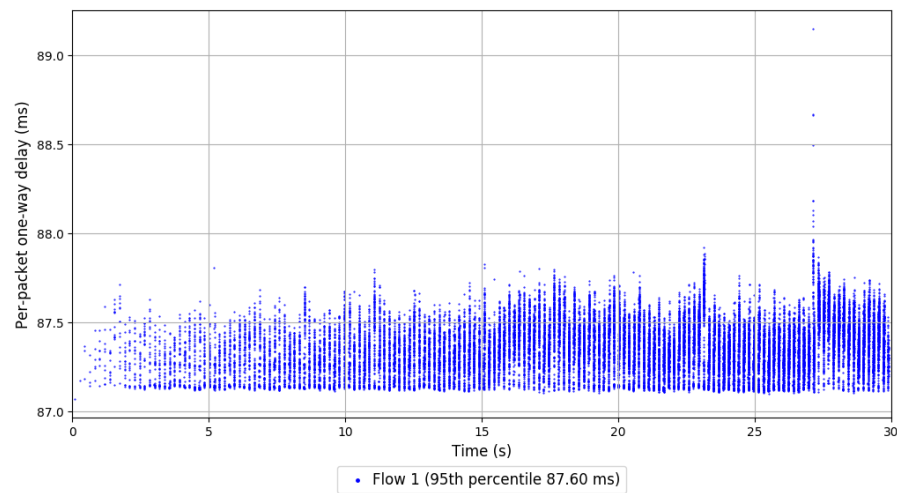
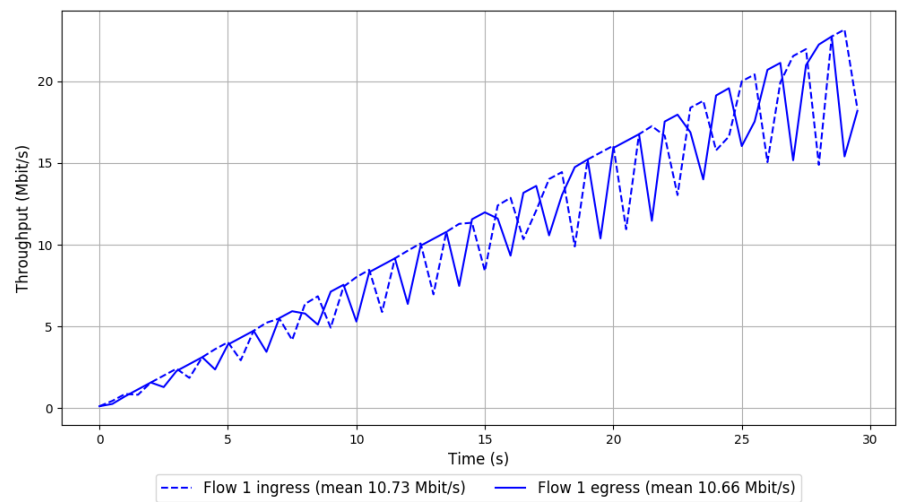


Run 3: Statistics of LEDBAT

Start at: 2018-02-03 12:21:42  
End at: 2018-02-03 12:22:12  
Local clock offset: -0.232 ms  
Remote clock offset: -5.859 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.66 Mbit/s  
95th percentile per-packet one-way delay: 87.601 ms  
Loss rate: 1.23%  
-- Flow 1:  
Average throughput: 10.66 Mbit/s  
95th percentile per-packet one-way delay: 87.601 ms  
Loss rate: 1.23%

Run 3: Report of LEDBAT — Data Link

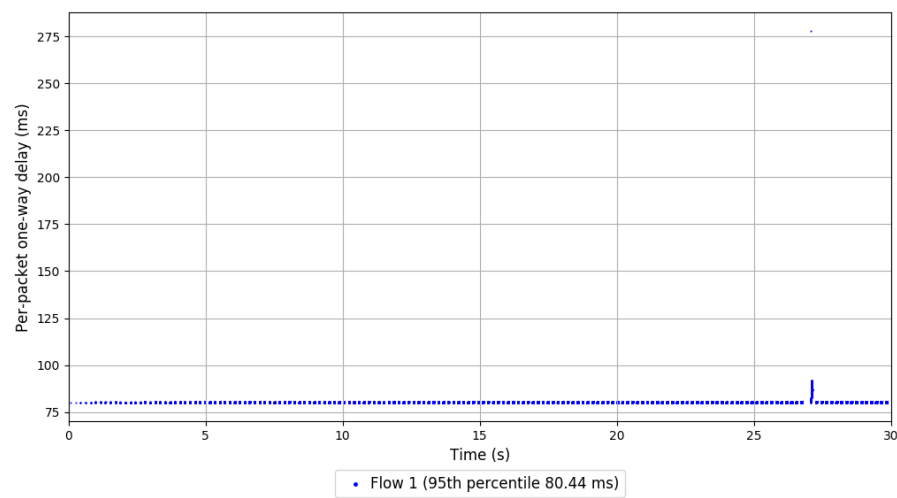
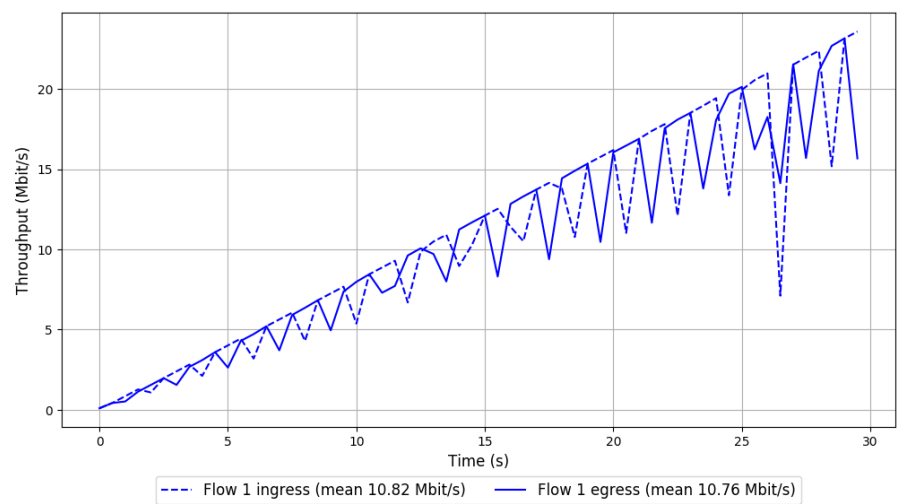


Run 4: Statistics of LEDBAT

Start at: 2018-02-03 12:42:40  
End at: 2018-02-03 12:43:10  
Local clock offset: -0.286 ms  
Remote clock offset: -0.464 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.76 Mbit/s  
95th percentile per-packet one-way delay: 80.436 ms  
Loss rate: 1.22%  
-- Flow 1:  
Average throughput: 10.76 Mbit/s  
95th percentile per-packet one-way delay: 80.436 ms  
Loss rate: 1.22%

Run 4: Report of LEDBAT — Data Link



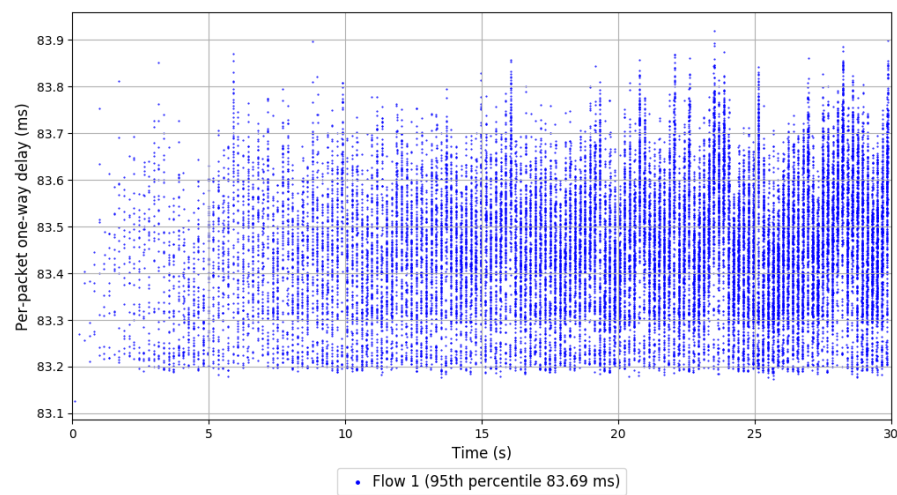
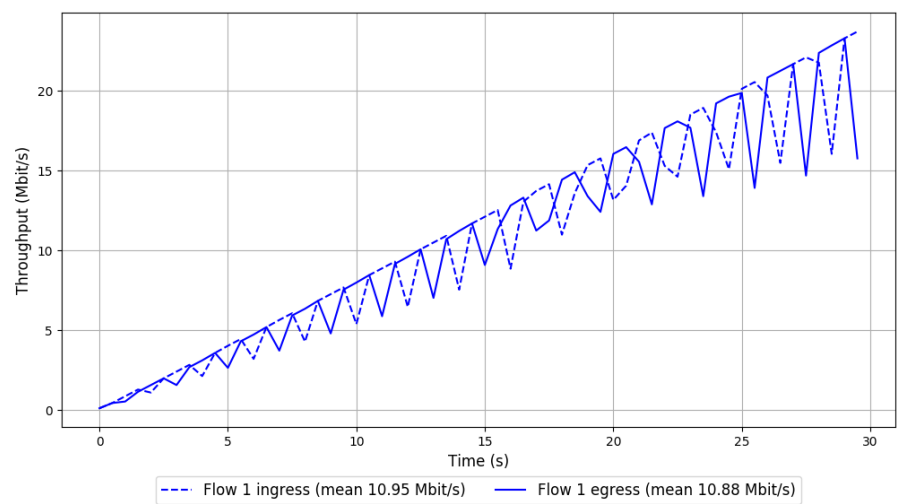
Run 5: Statistics of LEDBAT

Start at: 2018-02-03 13:03:37  
End at: 2018-02-03 13:04:07  
Local clock offset: -0.22 ms  
Remote clock offset: -2.097 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.88 Mbit/s  
95th percentile per-packet one-way delay: 83.685 ms  
Loss rate: 1.21%  
-- Flow 1:  
Average throughput: 10.88 Mbit/s  
95th percentile per-packet one-way delay: 83.685 ms  
Loss rate: 1.21%



Run 5: Report of LEDBAT — Data Link

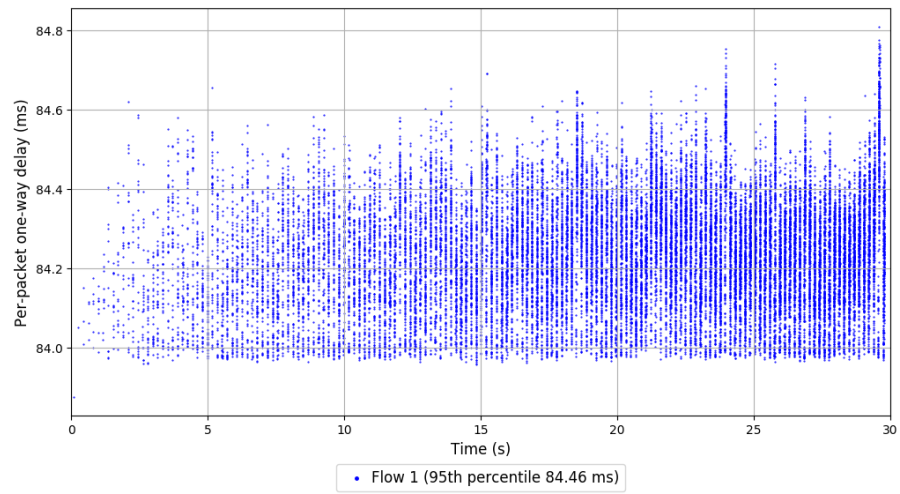
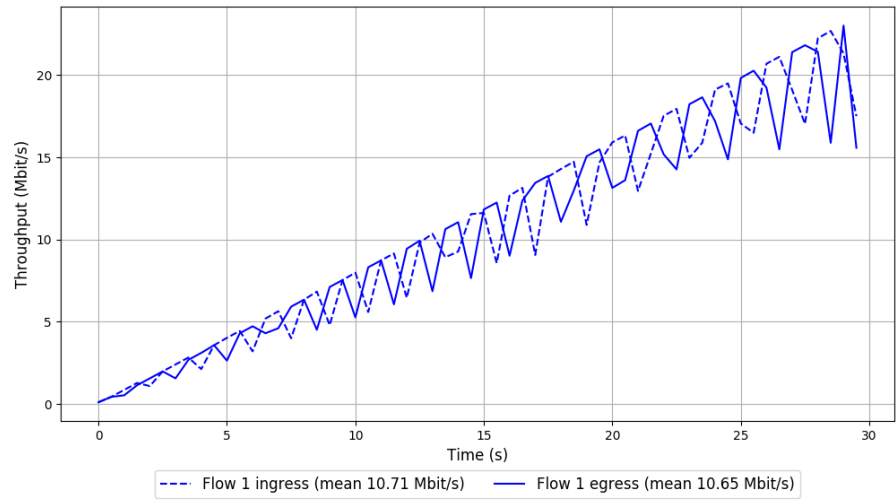


Run 6: Statistics of LEDBAT

Start at: 2018-02-03 13:24:34  
End at: 2018-02-03 13:25:04  
Local clock offset: -0.119 ms  
Remote clock offset: -4.722 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.65 Mbit/s  
95th percentile per-packet one-way delay: 84.463 ms  
Loss rate: 1.23%  
-- Flow 1:  
Average throughput: 10.65 Mbit/s  
95th percentile per-packet one-way delay: 84.463 ms  
Loss rate: 1.23%

# Run 6: Report of LEDBAT — Data Link

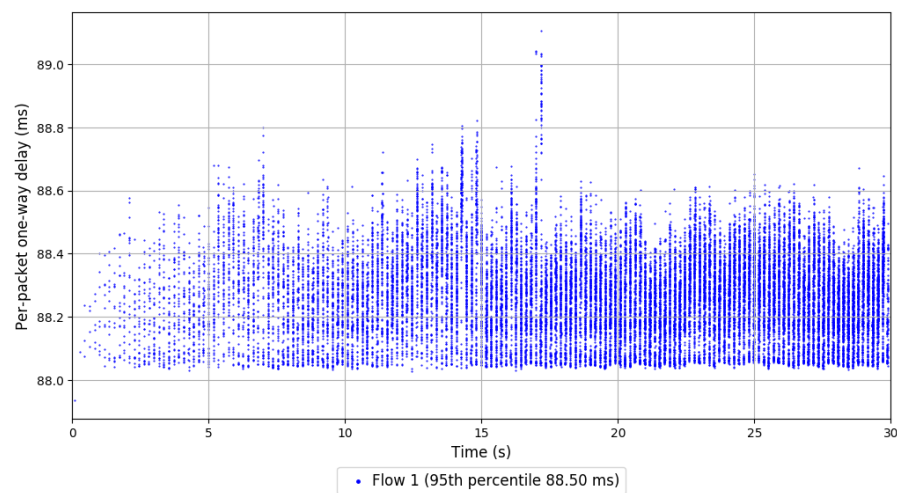
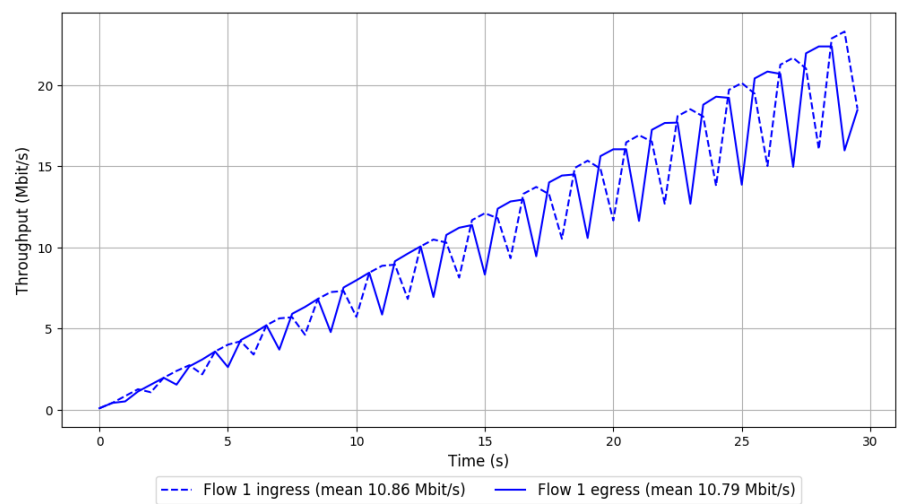


Run 7: Statistics of LEDBAT

Start at: 2018-02-03 13:45:35  
End at: 2018-02-03 13:46:05  
Local clock offset: -0.132 ms  
Remote clock offset: -5.151 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.79 Mbit/s  
95th percentile per-packet one-way delay: 88.496 ms  
Loss rate: 1.21%  
-- Flow 1:  
Average throughput: 10.79 Mbit/s  
95th percentile per-packet one-way delay: 88.496 ms  
Loss rate: 1.21%

Run 7: Report of LEDBAT — Data Link

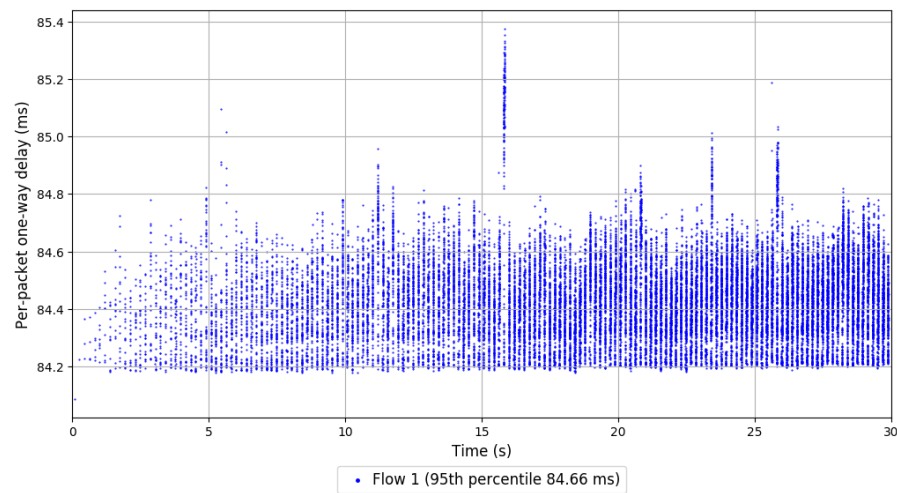
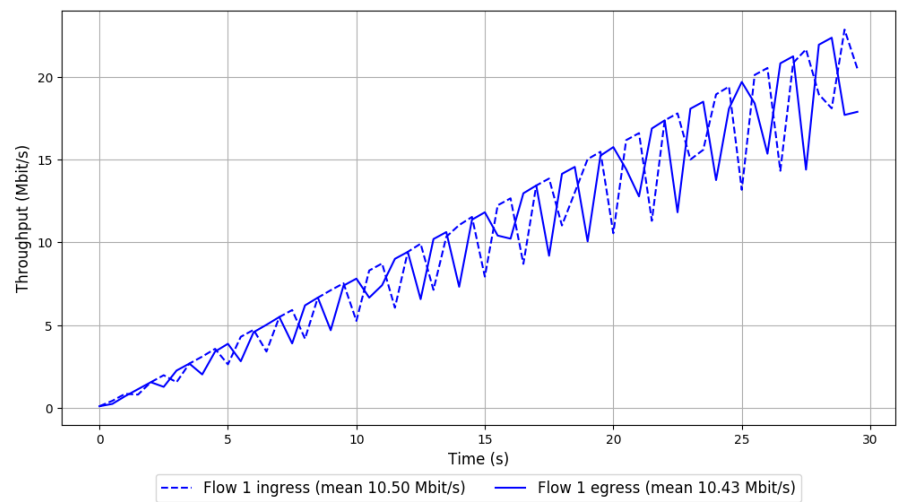


Run 8: Statistics of LEDBAT

Start at: 2018-02-03 14:06:36  
End at: 2018-02-03 14:07:06  
Local clock offset: -0.13 ms  
Remote clock offset: -2.063 ms

# Below is generated by plot.py at 2018-02-03 18:27:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.43 Mbit/s  
95th percentile per-packet one-way delay: 84.656 ms  
Loss rate: 1.23%  
-- Flow 1:  
Average throughput: 10.43 Mbit/s  
95th percentile per-packet one-way delay: 84.656 ms  
Loss rate: 1.23%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-03 14:27:32

End at: 2018-02-03 14:28:02

Local clock offset: -0.071 ms

Remote clock offset: 1.774 ms

# Below is generated by plot.py at 2018-02-03 18:27:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.03 Mbit/s

95th percentile per-packet one-way delay: 82.031 ms

Loss rate: 1.20%

-- Flow 1:

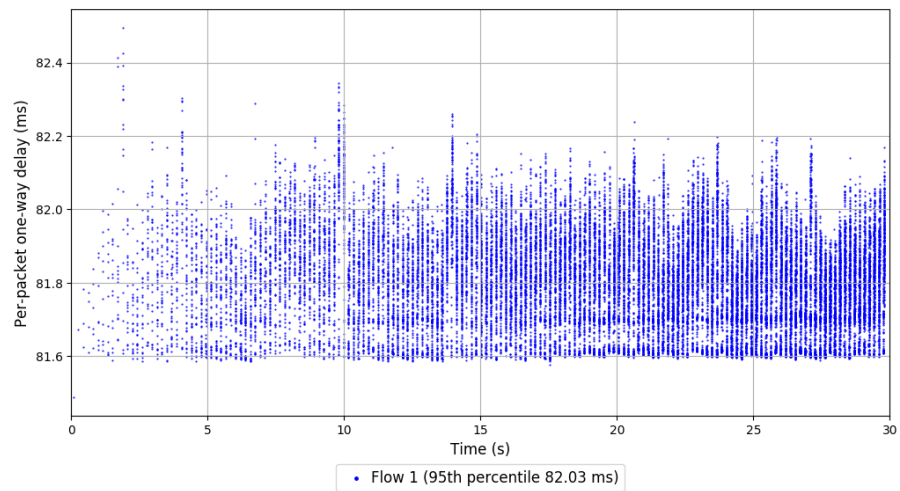
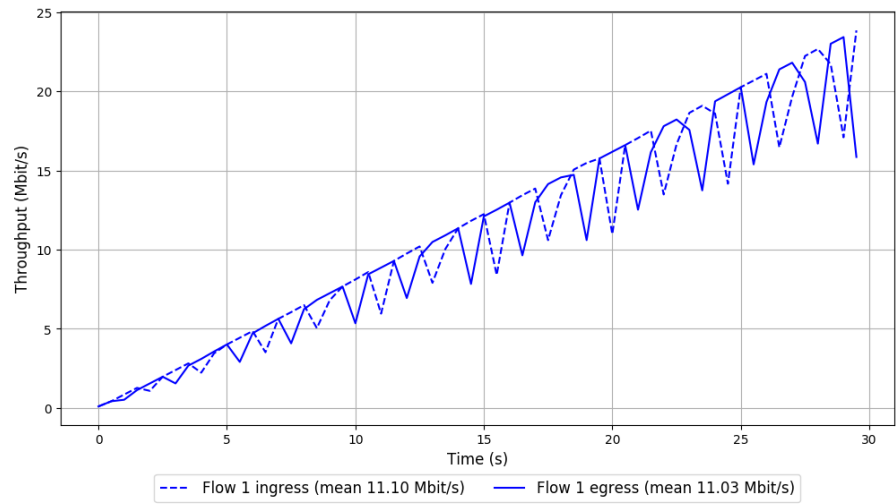
Average throughput: 11.03 Mbit/s

95th percentile per-packet one-way delay: 82.031 ms

Loss rate: 1.20%



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



Run 10: Statistics of LEDBAT

Start at: 2018-02-03 14:48:29

End at: 2018-02-03 14:48:59

Local clock offset: -0.002 ms

Remote clock offset: -0.44 ms

# Below is generated by plot.py at 2018-02-03 18:27:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 84.882 ms

Loss rate: 1.19%

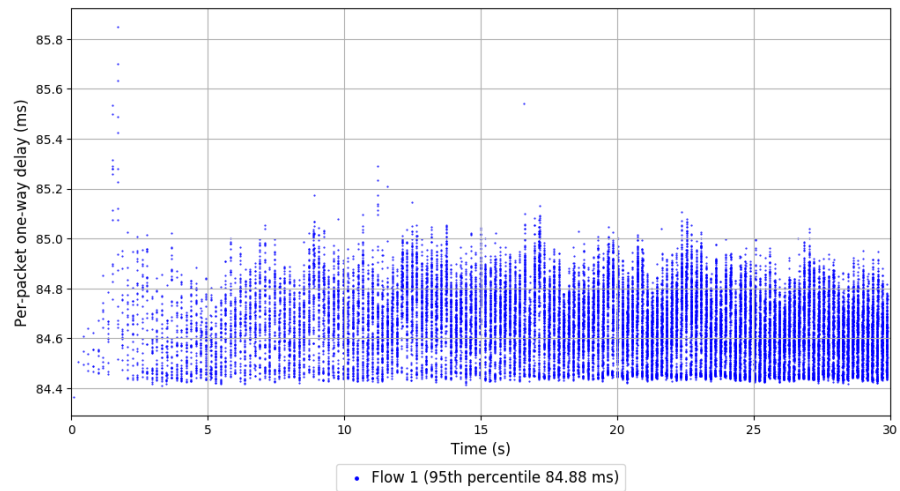
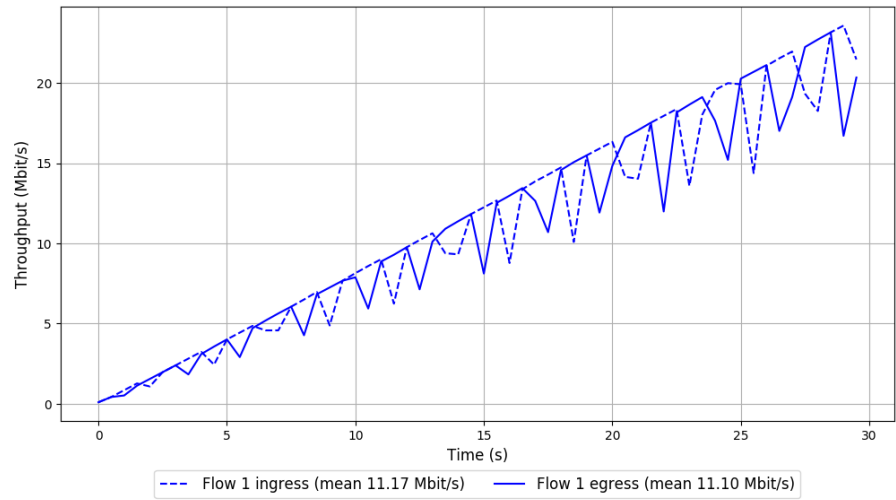
-- Flow 1:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 84.882 ms

Loss rate: 1.19%

## Run 10: Report of LEDBAT — Data Link

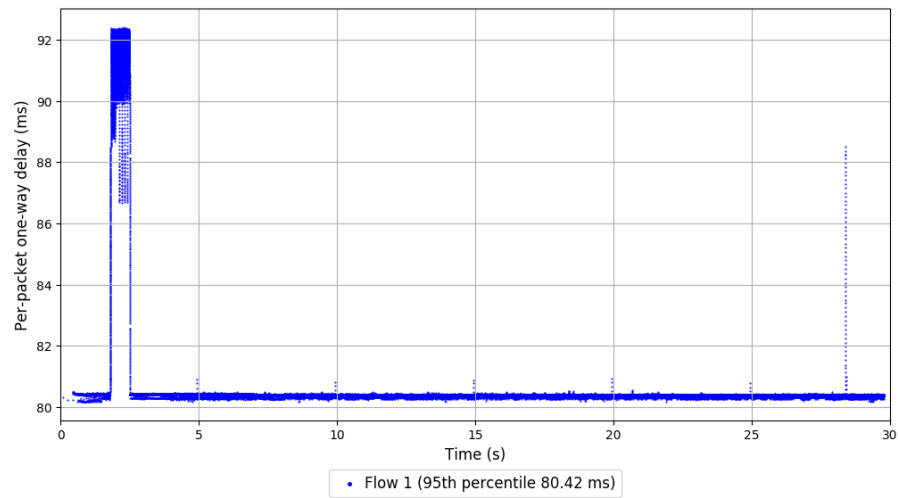
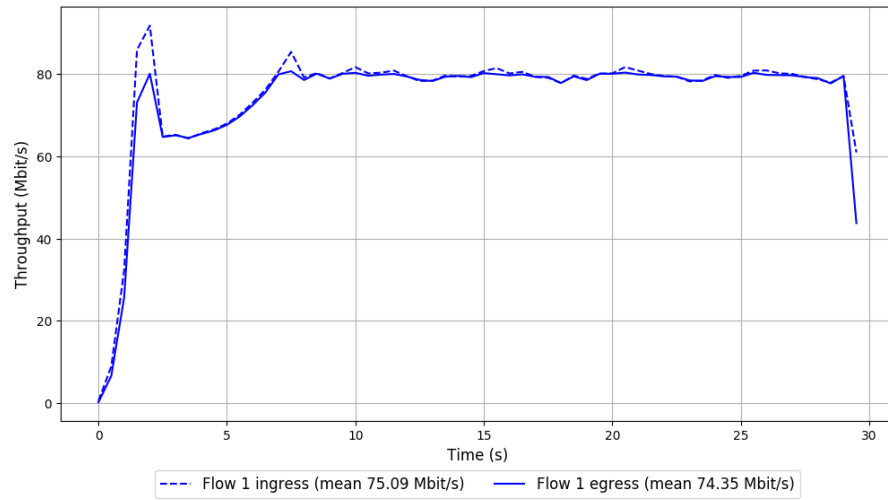


Run 1: Statistics of PCC

Start at: 2018-02-03 11:34:53  
End at: 2018-02-03 11:35:23  
Local clock offset: -0.282 ms  
Remote clock offset: -0.497 ms

# Below is generated by plot.py at 2018-02-03 18:27:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.35 Mbit/s  
95th percentile per-packet one-way delay: 80.424 ms  
Loss rate: 1.61%  
-- Flow 1:  
Average throughput: 74.35 Mbit/s  
95th percentile per-packet one-way delay: 80.424 ms  
Loss rate: 1.61%

### Run 1: Report of PCC — Data Link

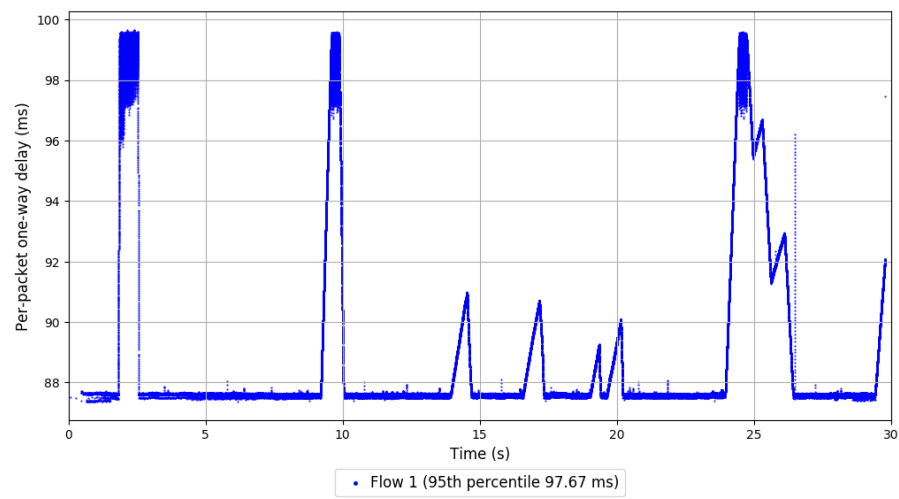
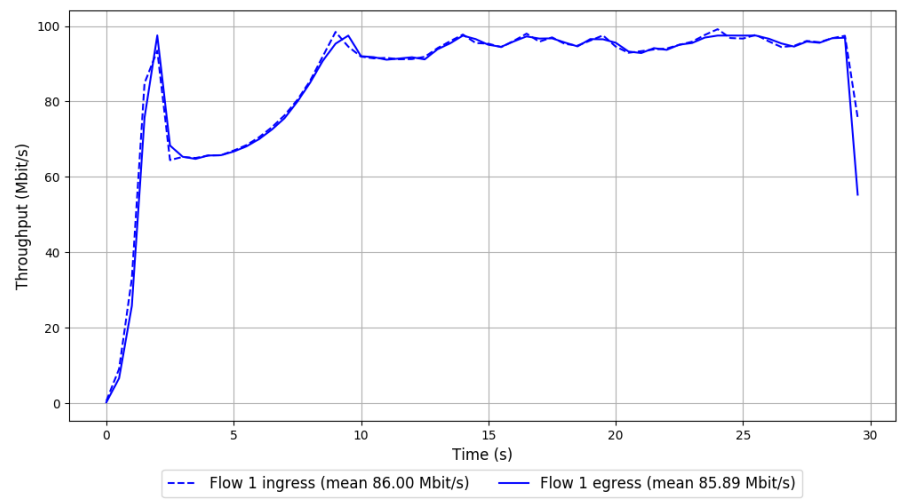


Run 2: Statistics of PCC

Start at: 2018-02-03 11:55:50  
End at: 2018-02-03 11:56:20  
Local clock offset: -0.248 ms  
Remote clock offset: -6.556 ms

# Below is generated by plot.py at 2018-02-03 18:27:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.89 Mbit/s  
95th percentile per-packet one-way delay: 97.674 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 85.89 Mbit/s  
95th percentile per-packet one-way delay: 97.674 ms  
Loss rate: 0.74%

Run 2: Report of PCC — Data Link



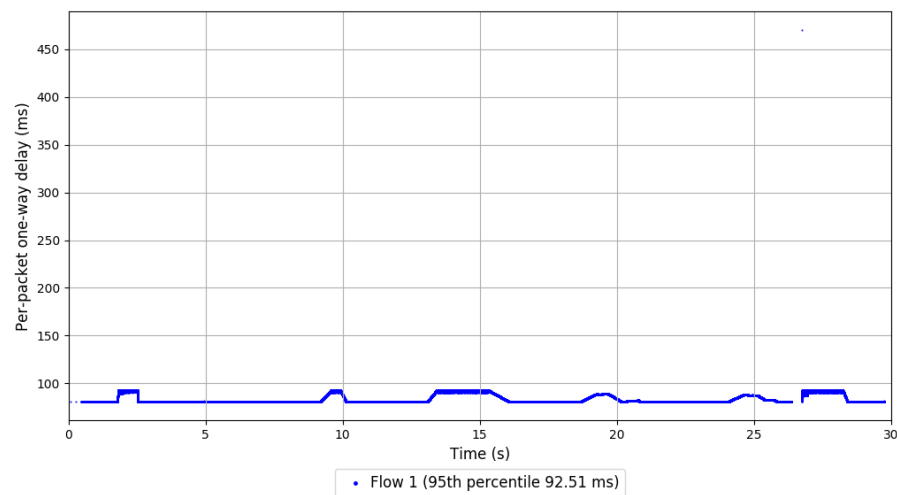
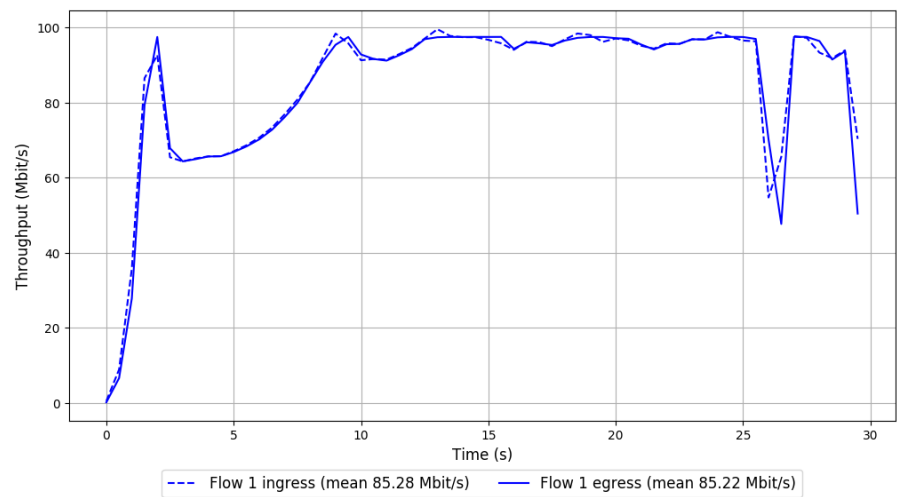
Run 3: Statistics of PCC

Start at: 2018-02-03 12:16:48  
End at: 2018-02-03 12:17:18  
Local clock offset: -0.247 ms  
Remote clock offset: -0.194 ms

# Below is generated by plot.py at 2018-02-03 18:27:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.22 Mbit/s  
95th percentile per-packet one-way delay: 92.510 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 85.22 Mbit/s  
95th percentile per-packet one-way delay: 92.510 ms  
Loss rate: 0.69%



Run 3: Report of PCC — Data Link

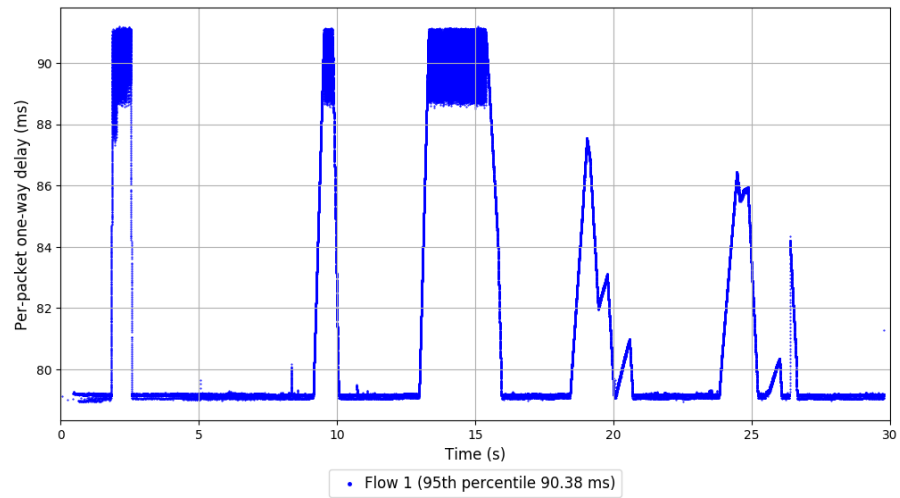
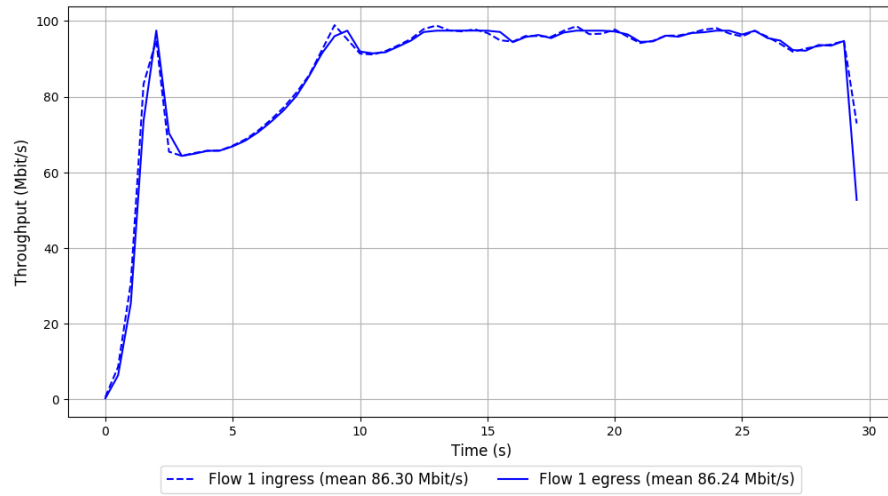


Run 4: Statistics of PCC

Start at: 2018-02-03 12:37:46  
End at: 2018-02-03 12:38:16  
Local clock offset: -0.228 ms  
Remote clock offset: -1.259 ms

# Below is generated by plot.py at 2018-02-03 18:27:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.24 Mbit/s  
95th percentile per-packet one-way delay: 90.381 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 86.24 Mbit/s  
95th percentile per-packet one-way delay: 90.381 ms  
Loss rate: 0.68%

#### Run 4: Report of PCC — Data Link

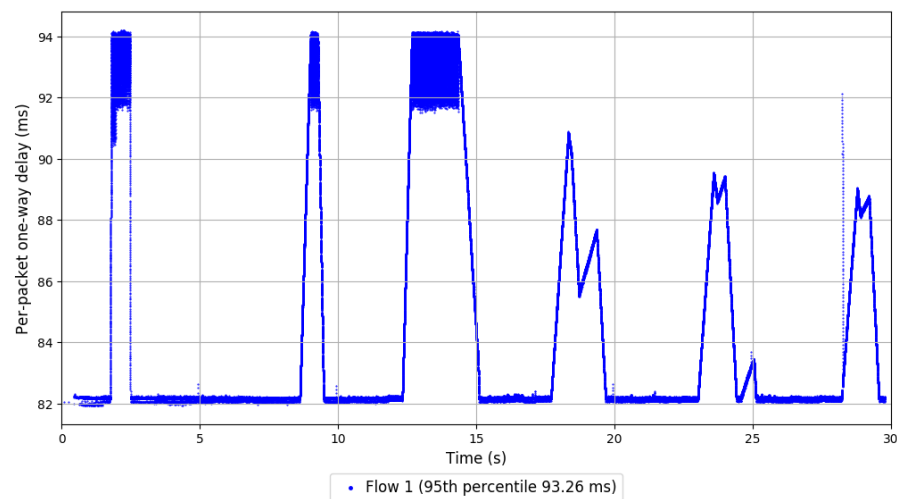
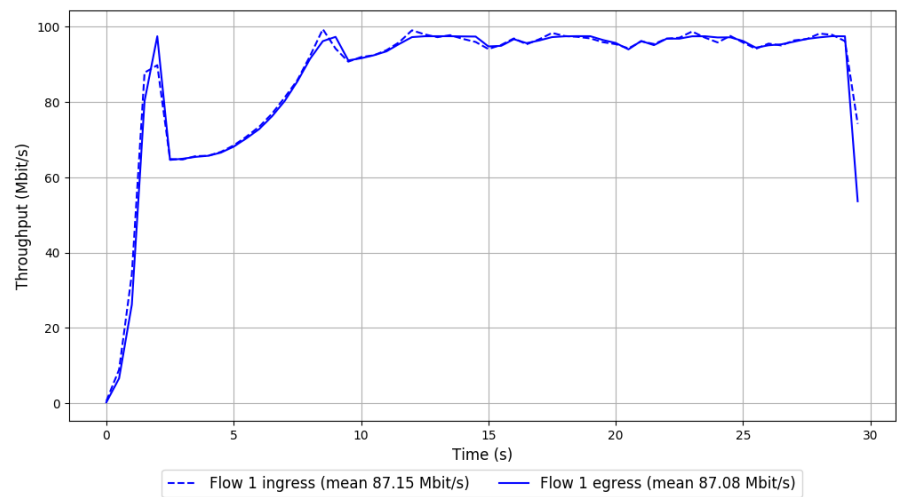


Run 5: Statistics of PCC

Start at: 2018-02-03 12:58:43  
End at: 2018-02-03 12:59:13  
Local clock offset: -0.225 ms  
Remote clock offset: -1.326 ms

# Below is generated by plot.py at 2018-02-03 18:28:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.08 Mbit/s  
95th percentile per-packet one-way delay: 93.256 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 87.08 Mbit/s  
95th percentile per-packet one-way delay: 93.256 ms  
Loss rate: 0.70%

Run 5: Report of PCC — Data Link

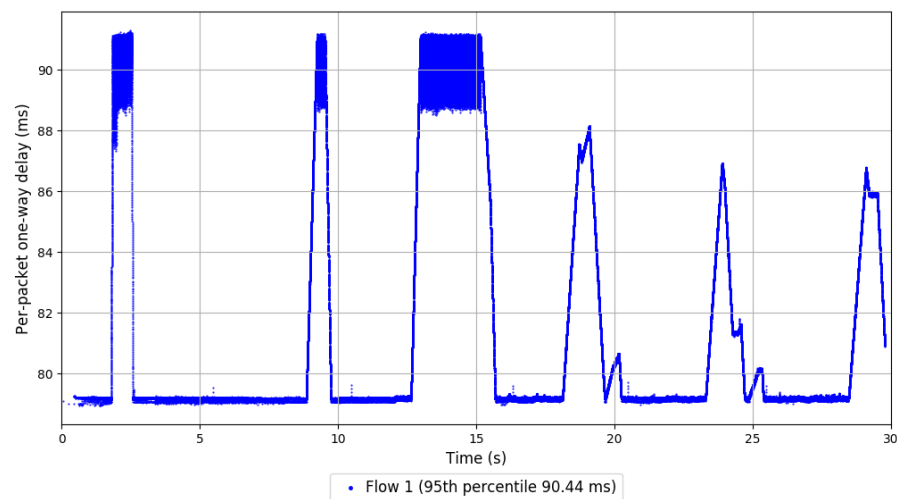
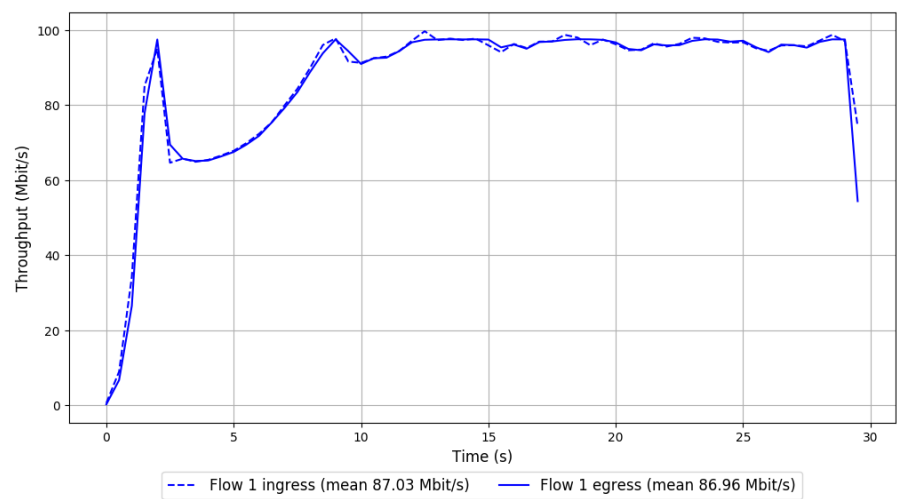


Run 6: Statistics of PCC

Start at: 2018-02-03 13:19:40  
End at: 2018-02-03 13:20:10  
Local clock offset: -0.129 ms  
Remote clock offset: -0.223 ms

# Below is generated by plot.py at 2018-02-03 18:28:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.96 Mbit/s  
95th percentile per-packet one-way delay: 90.444 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 86.96 Mbit/s  
95th percentile per-packet one-way delay: 90.444 ms  
Loss rate: 0.70%

Run 6: Report of PCC — Data Link



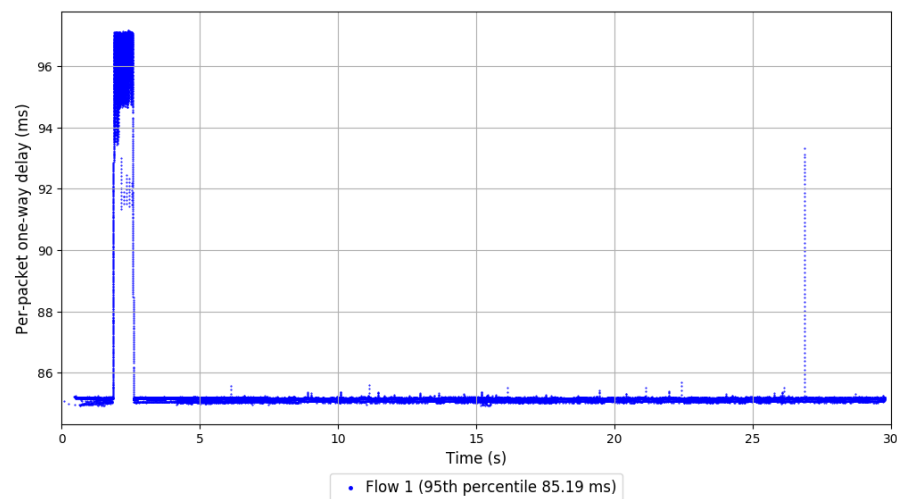
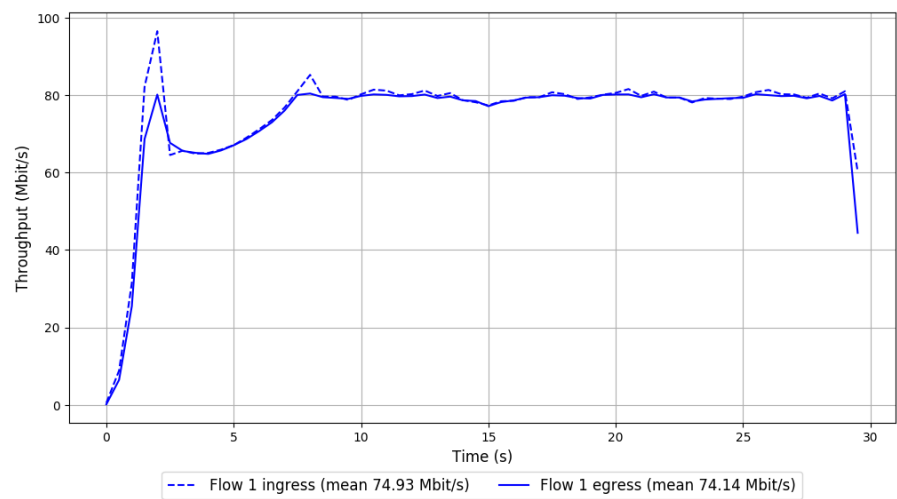
Run 7: Statistics of PCC

Start at: 2018-02-03 13:40:41  
End at: 2018-02-03 13:41:11  
Local clock offset: -0.107 ms  
Remote clock offset: -4.428 ms

# Below is generated by plot.py at 2018-02-03 18:28:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.14 Mbit/s  
95th percentile per-packet one-way delay: 85.185 ms  
Loss rate: 1.68%  
-- Flow 1:  
Average throughput: 74.14 Mbit/s  
95th percentile per-packet one-way delay: 85.185 ms  
Loss rate: 1.68%



Run 7: Report of PCC — Data Link

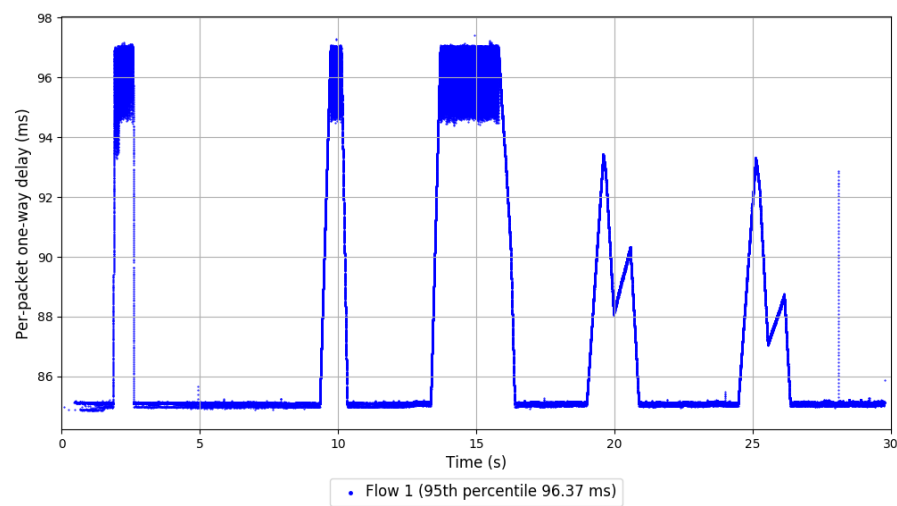
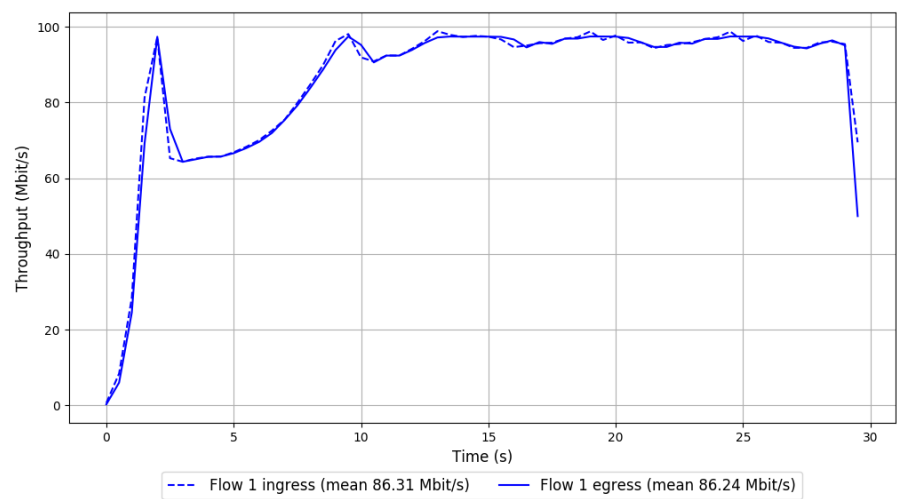


Run 8: Statistics of PCC

Start at: 2018-02-03 14:01:41  
End at: 2018-02-03 14:02:12  
Local clock offset: -0.148 ms  
Remote clock offset: -3.274 ms

# Below is generated by plot.py at 2018-02-03 18:28:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.24 Mbit/s  
95th percentile per-packet one-way delay: 96.367 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 86.24 Mbit/s  
95th percentile per-packet one-way delay: 96.367 ms  
Loss rate: 0.70%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-03 14:22:37

End at: 2018-02-03 14:23:07

Local clock offset: -0.093 ms

Remote clock offset: 1.654 ms

# Below is generated by plot.py at 2018-02-03 18:29:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 92.829 ms

Loss rate: 0.72%

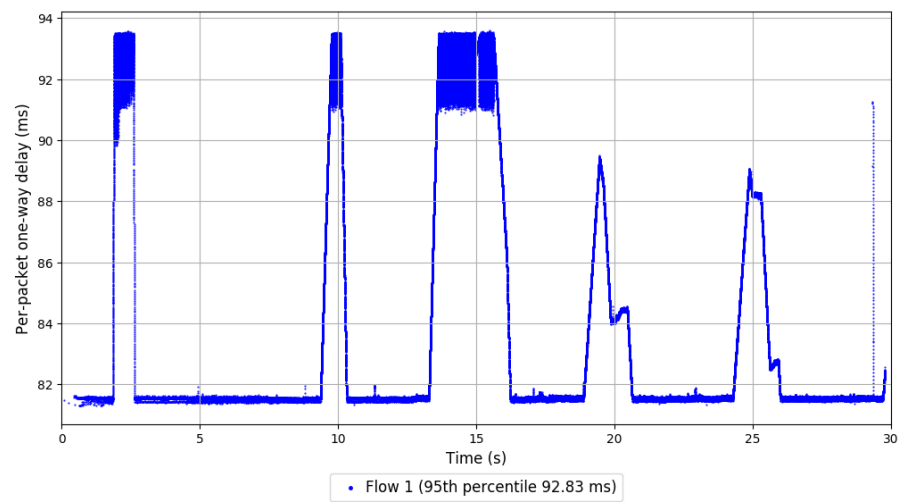
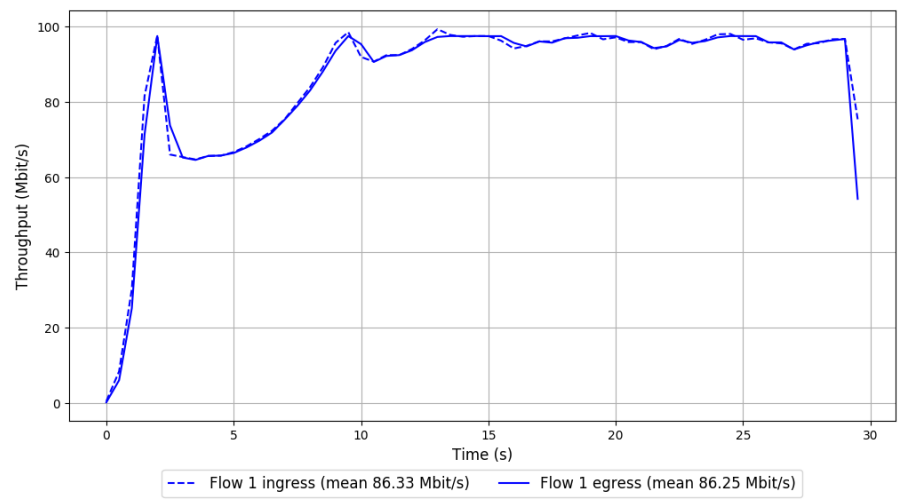
-- Flow 1:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 92.829 ms

Loss rate: 0.72%

Run 9: Report of PCC — Data Link

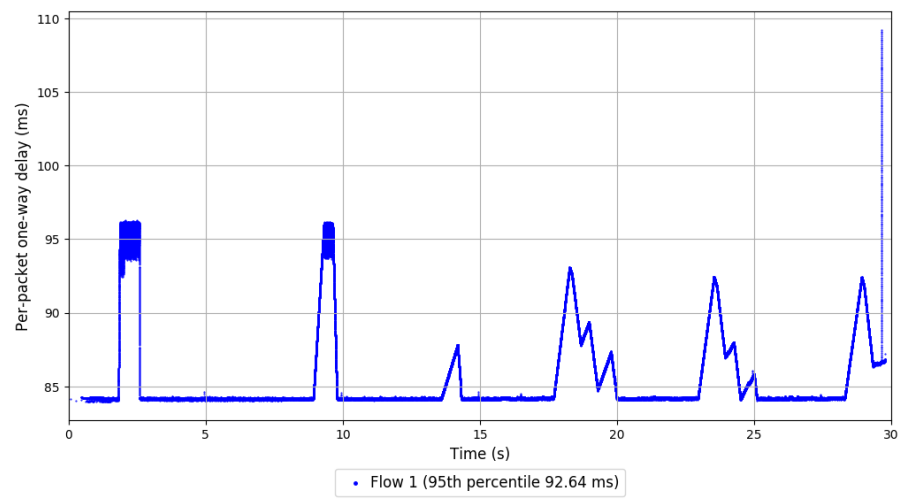
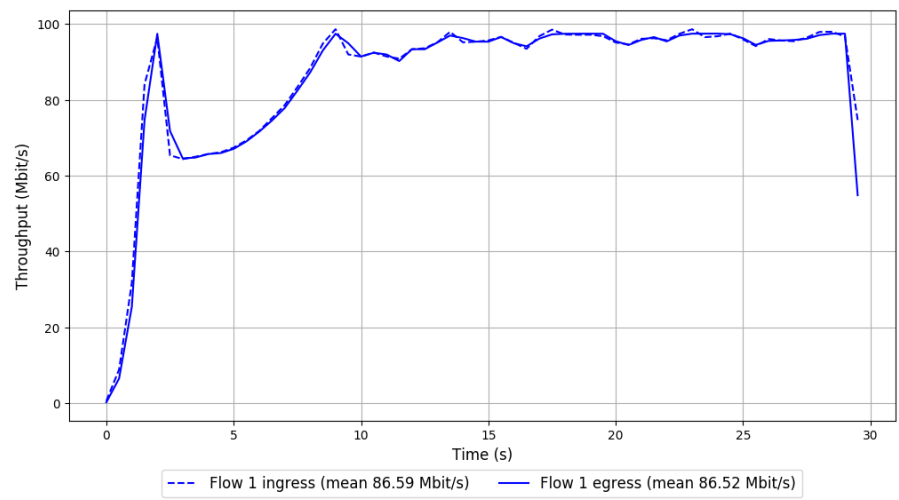


Run 10: Statistics of PCC

Start at: 2018-02-03 14:43:34  
End at: 2018-02-03 14:44:04  
Local clock offset: -0.03 ms  
Remote clock offset: -0.568 ms

# Below is generated by plot.py at 2018-02-03 18:29:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.52 Mbit/s  
95th percentile per-packet one-way delay: 92.640 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 86.52 Mbit/s  
95th percentile per-packet one-way delay: 92.640 ms  
Loss rate: 0.71%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-03 11:36:07

End at: 2018-02-03 11:36:37

Local clock offset: -0.2 ms

Remote clock offset: -0.505 ms

# Below is generated by plot.py at 2018-02-03 18:29:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 48.45 Mbit/s

95th percentile per-packet one-way delay: 81.077 ms

Loss rate: 1.51%

-- Flow 1:

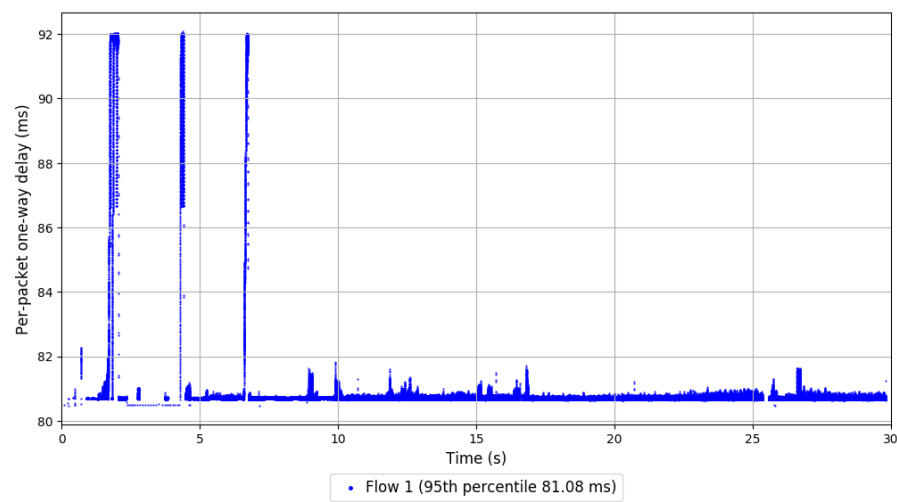
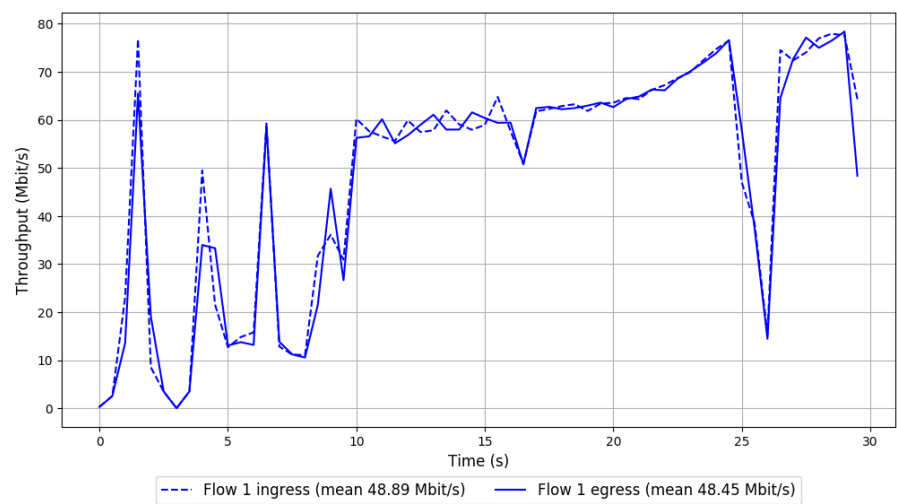
Average throughput: 48.45 Mbit/s

95th percentile per-packet one-way delay: 81.077 ms

Loss rate: 1.51%



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-03 11:57:03

End at: 2018-02-03 11:57:33

Local clock offset: -0.225 ms

Remote clock offset: -0.009 ms

# Below is generated by plot.py at 2018-02-03 18:29:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.57 Mbit/s

95th percentile per-packet one-way delay: 89.403 ms

Loss rate: 0.86%

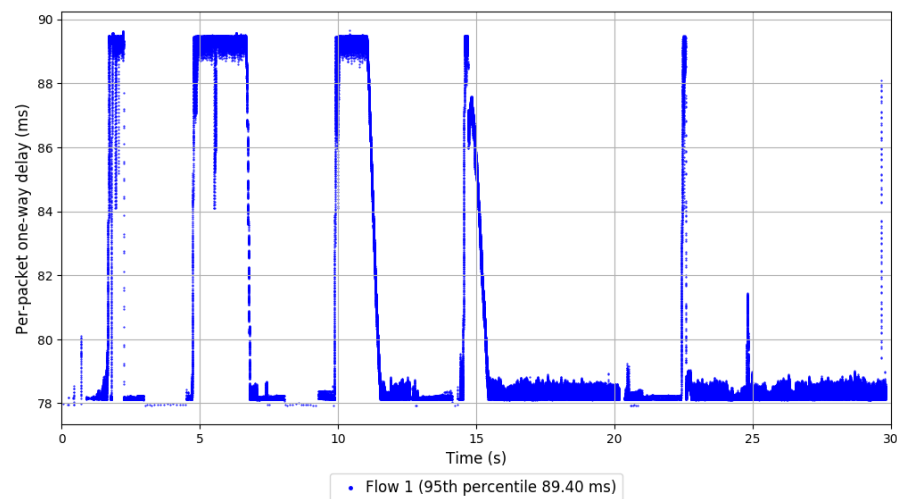
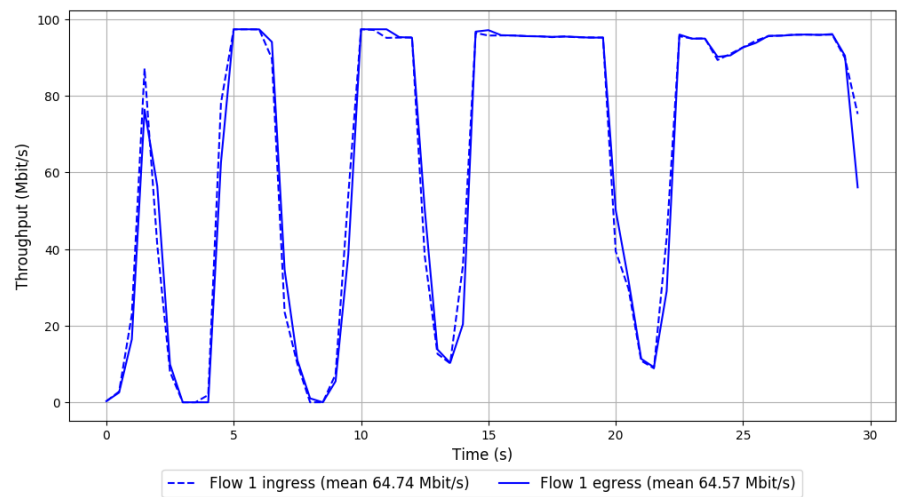
-- Flow 1:

Average throughput: 64.57 Mbit/s

95th percentile per-packet one-way delay: 89.403 ms

Loss rate: 0.86%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-03 12:18:02

End at: 2018-02-03 12:18:32

Local clock offset: -0.236 ms

Remote clock offset: -6.73 ms

# Below is generated by plot.py at 2018-02-03 18:29:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.88 Mbit/s

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

Loss rate: 0.79%

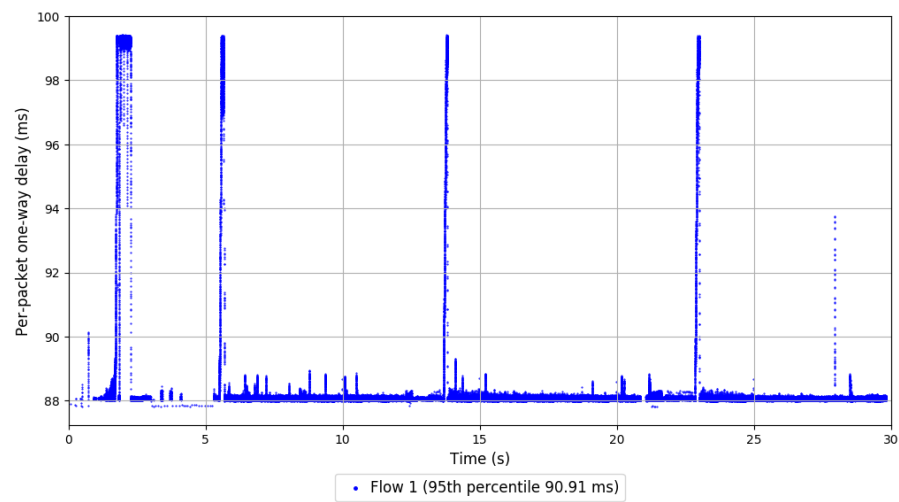
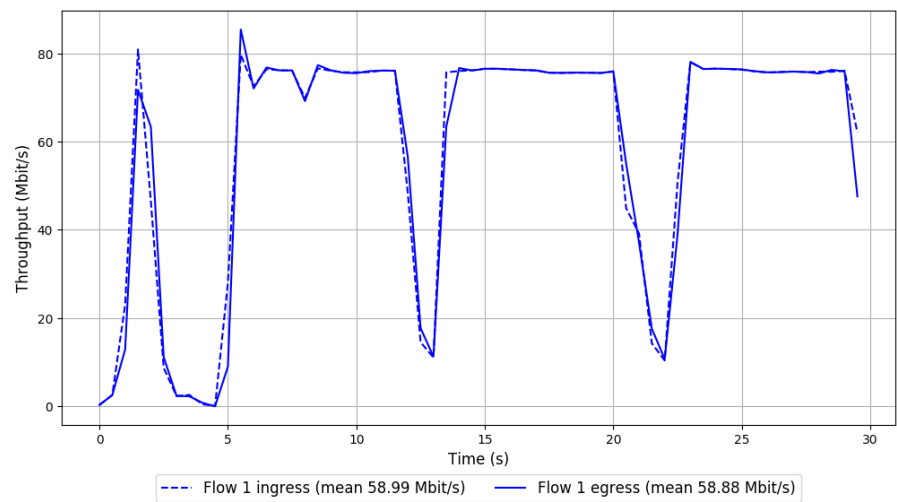
-- Flow 1:

Average throughput: 58.88 Mbit/s

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

Loss rate: 0.79%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-03 12:38:59

End at: 2018-02-03 12:39:29

Local clock offset: -0.206 ms

Remote clock offset: -2.17 ms

# Below is generated by plot.py at 2018-02-03 18:29:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.76 Mbit/s

95th percentile per-packet one-way delay: 94.178 ms

Loss rate: 0.95%

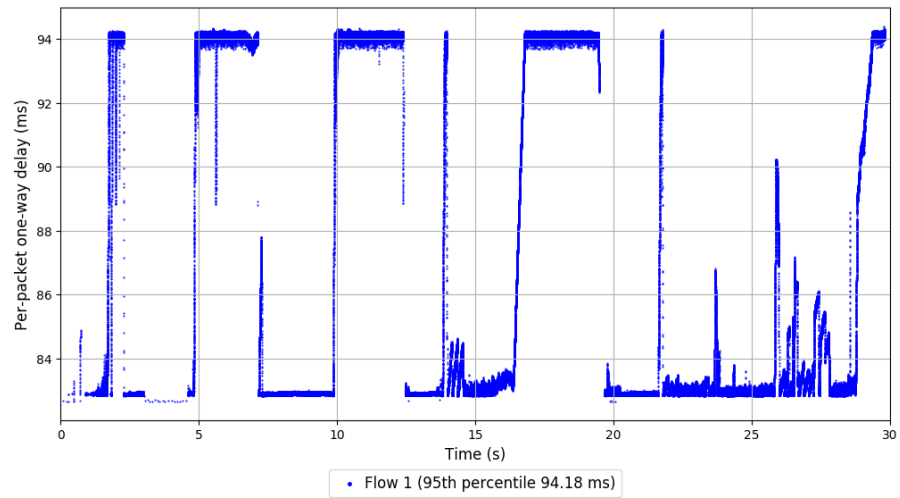
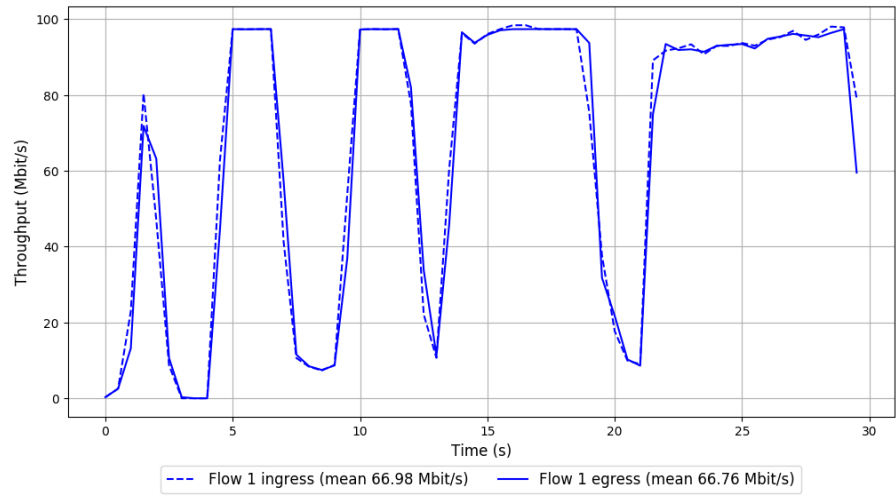
-- Flow 1:

Average throughput: 66.76 Mbit/s

95th percentile per-packet one-way delay: 94.178 ms

Loss rate: 0.95%

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



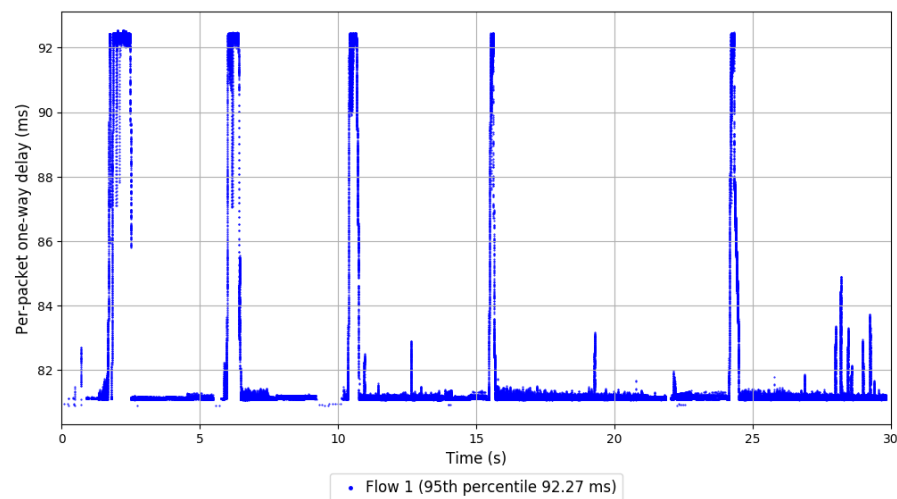
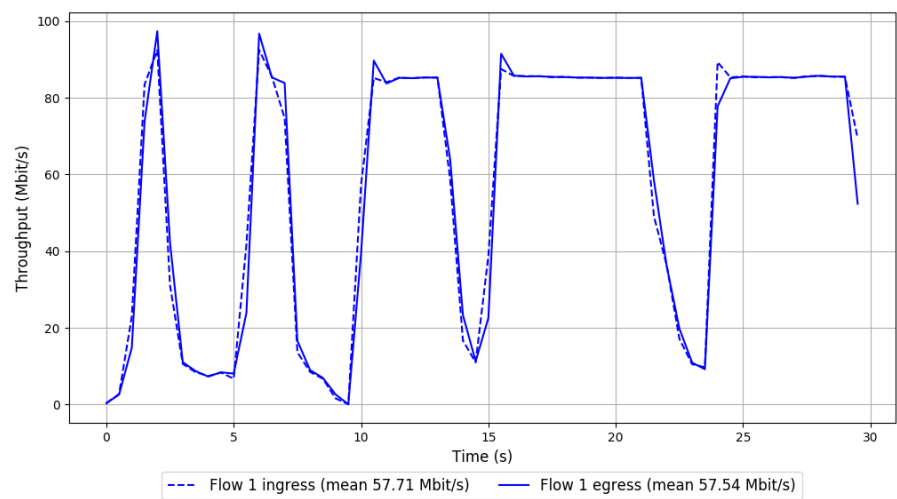
Run 5: Statistics of QUIC Cubic

Start at: 2018-02-03 12:59:57  
End at: 2018-02-03 13:00:27  
Local clock offset: -0.223 ms  
Remote clock offset: -2.124 ms

# Below is generated by plot.py at 2018-02-03 18:29:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 57.54 Mbit/s  
95th percentile per-packet one-way delay: 92.269 ms  
Loss rate: 0.89%  
-- Flow 1:  
Average throughput: 57.54 Mbit/s  
95th percentile per-packet one-way delay: 92.269 ms  
Loss rate: 0.89%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-03 13:20:53

End at: 2018-02-03 13:21:23

Local clock offset: -0.105 ms

Remote clock offset: -5.06 ms

# Below is generated by plot.py at 2018-02-03 18:30:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.07 Mbit/s

95th percentile per-packet one-way delay: 98.232 ms

Loss rate: 0.86%

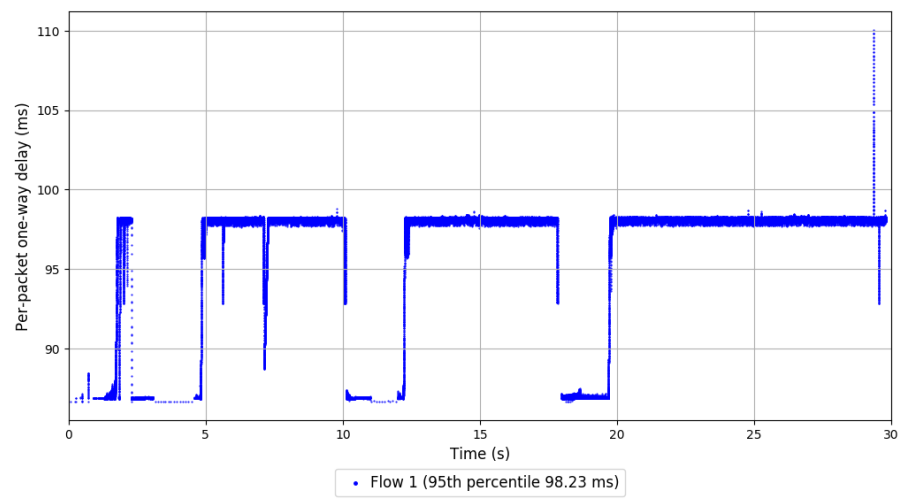
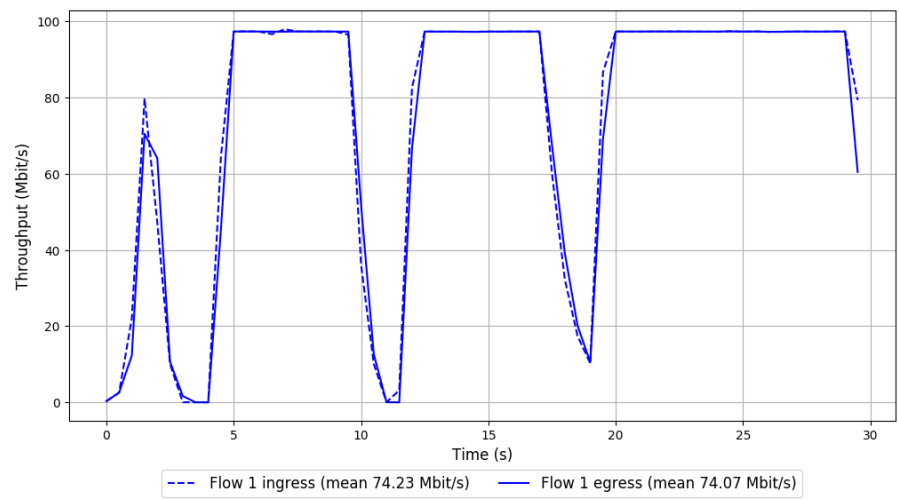
-- Flow 1:

Average throughput: 74.07 Mbit/s

95th percentile per-packet one-way delay: 98.232 ms

Loss rate: 0.86%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-03 13:41:55

End at: 2018-02-03 13:42:25

Local clock offset: -0.216 ms

Remote clock offset: 1.321 ms

# Below is generated by plot.py at 2018-02-03 18:30:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.25 Mbit/s

95th percentile per-packet one-way delay: 81.776 ms

Loss rate: 1.56%

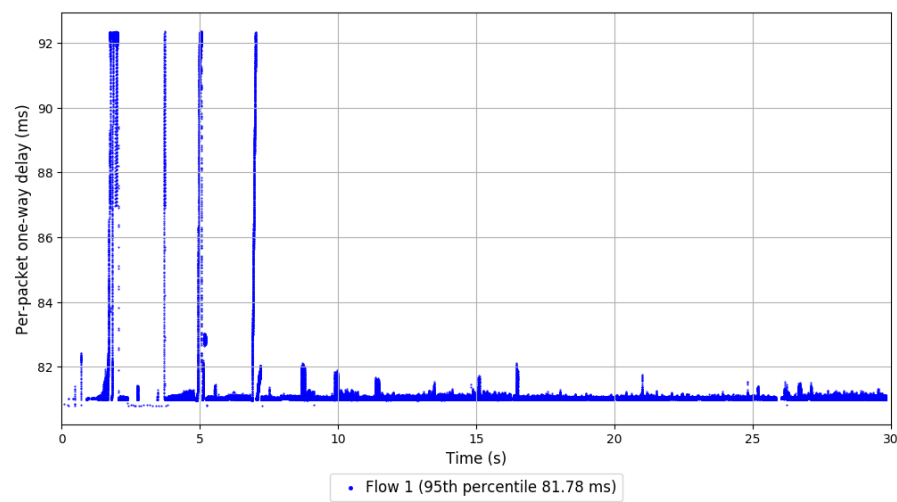
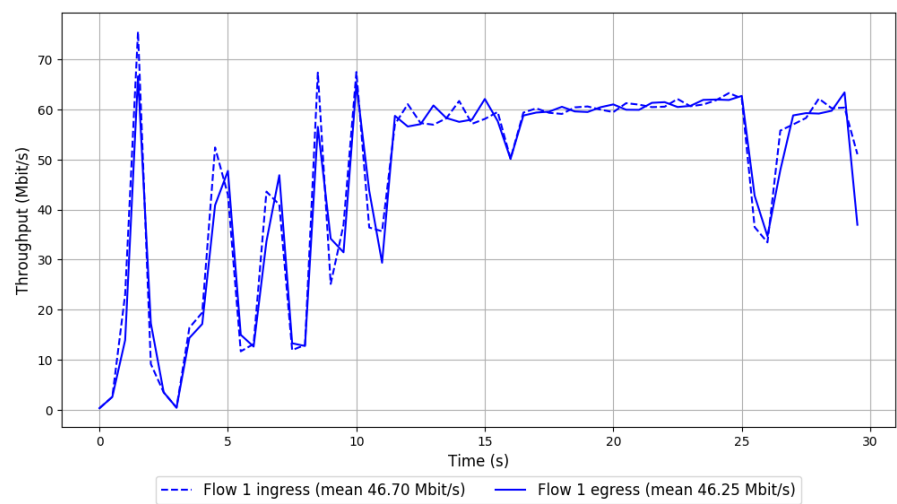
-- Flow 1:

Average throughput: 46.25 Mbit/s

95th percentile per-packet one-way delay: 81.776 ms

Loss rate: 1.56%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-03 14:02:55

End at: 2018-02-03 14:03:25

Local clock offset: -0.136 ms

Remote clock offset: -2.308 ms

# Below is generated by plot.py at 2018-02-03 18:30:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.50 Mbit/s

95th percentile per-packet one-way delay: 84.528 ms

Loss rate: 0.77%

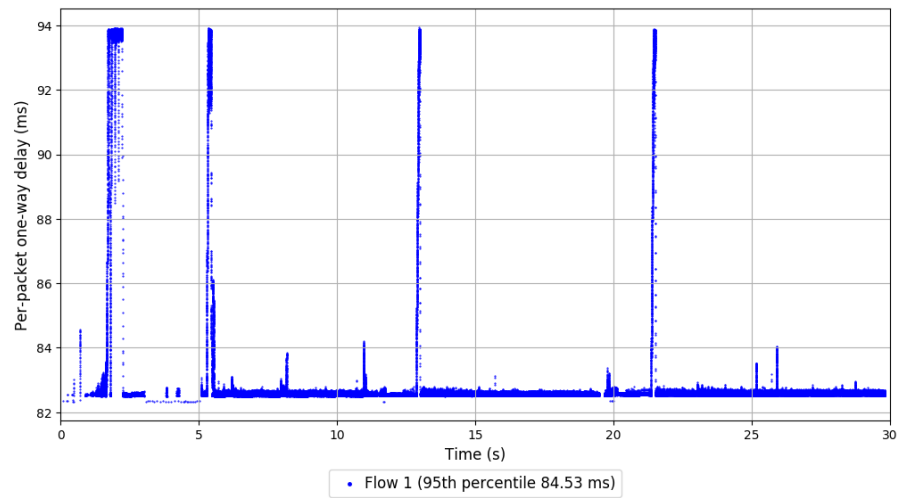
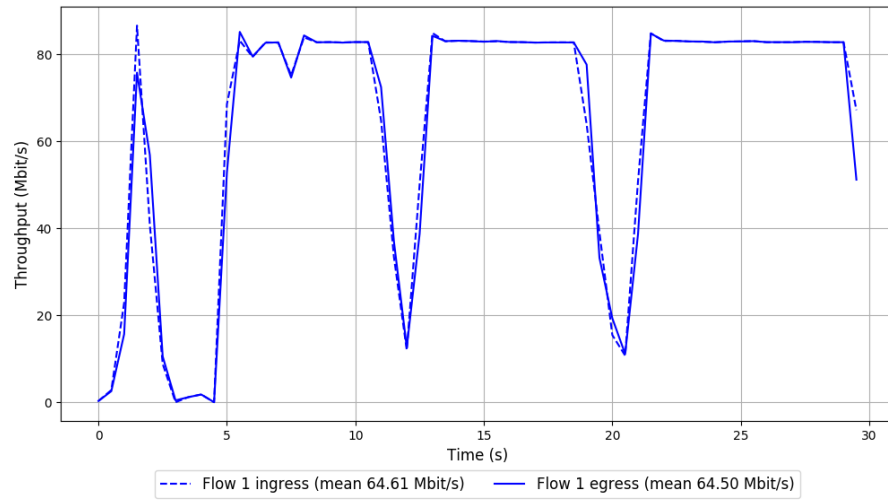
-- Flow 1:

Average throughput: 64.50 Mbit/s

95th percentile per-packet one-way delay: 84.528 ms

Loss rate: 0.77%

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



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-03 14:23:51

End at: 2018-02-03 14:24:21

Local clock offset: -0.1 ms

Remote clock offset: 2.601 ms

# Below is generated by plot.py at 2018-02-03 18:30:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.24 Mbit/s

95th percentile per-packet one-way delay: 91.741 ms

Loss rate: 0.97%

-- Flow 1:

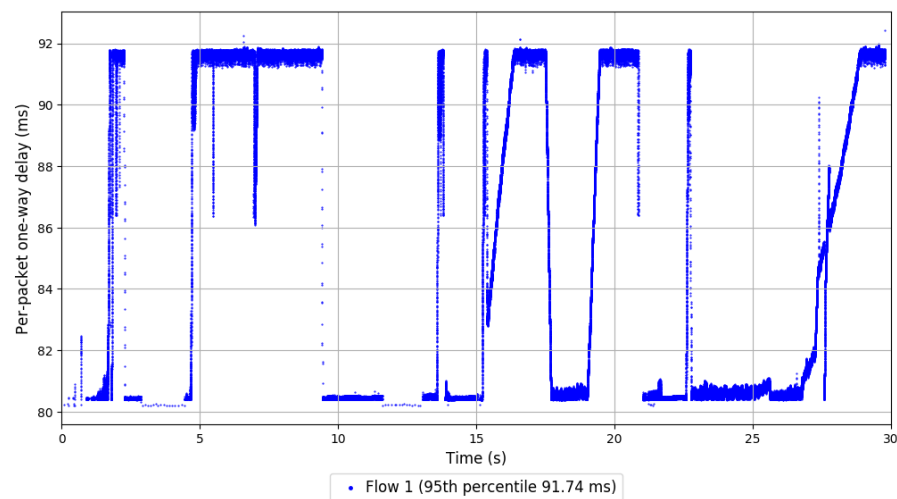
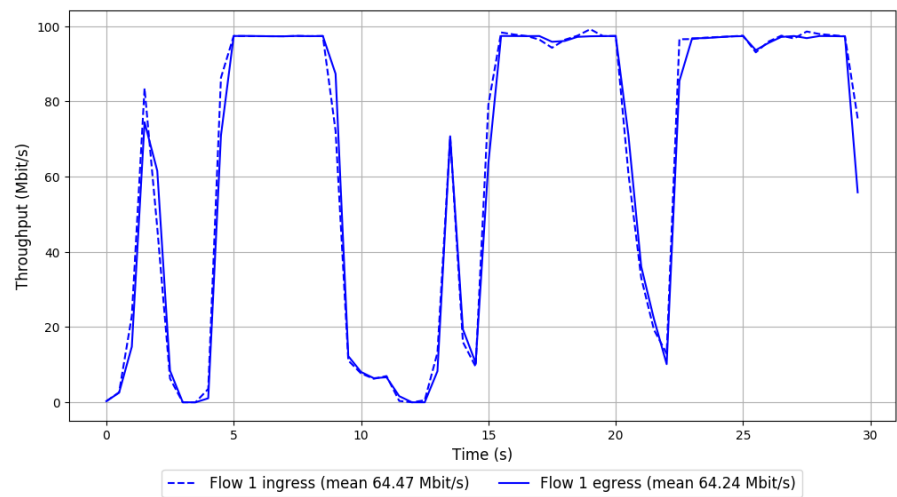
Average throughput: 64.24 Mbit/s

95th percentile per-packet one-way delay: 91.741 ms

Loss rate: 0.97%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-03 14:44:48

End at: 2018-02-03 14:45:18

Local clock offset: -0.072 ms

Remote clock offset: 2.368 ms

# Below is generated by plot.py at 2018-02-03 18:30:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 67.85 Mbit/s

95th percentile per-packet one-way delay: 91.092 ms

Loss rate: 0.93%

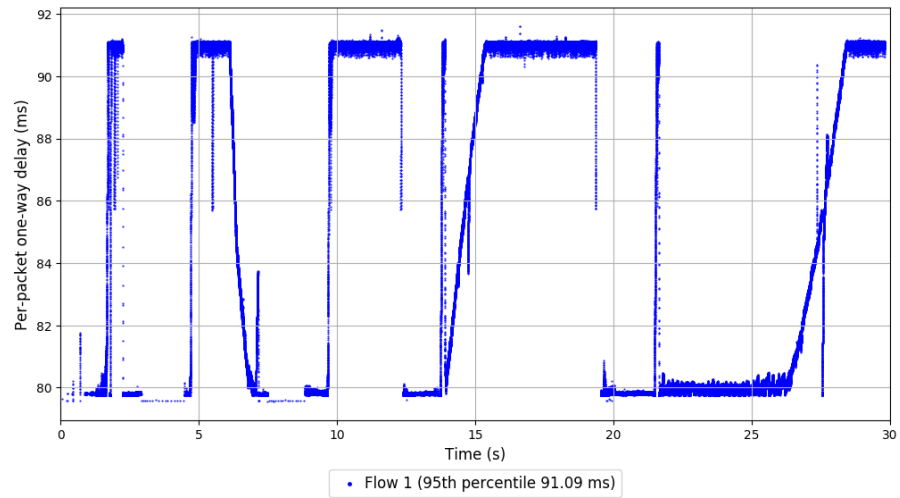
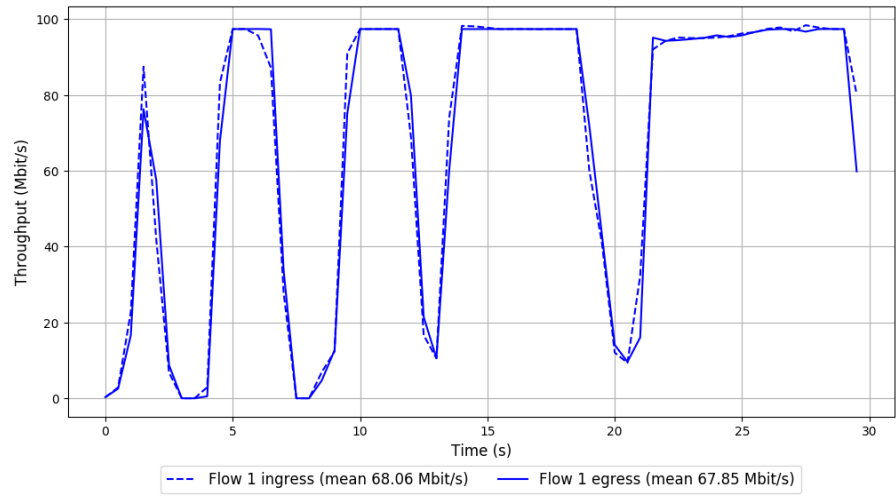
-- Flow 1:

Average throughput: 67.85 Mbit/s

95th percentile per-packet one-way delay: 91.092 ms

Loss rate: 0.93%

# Run 10: Report of QUIC Cubic — Data Link

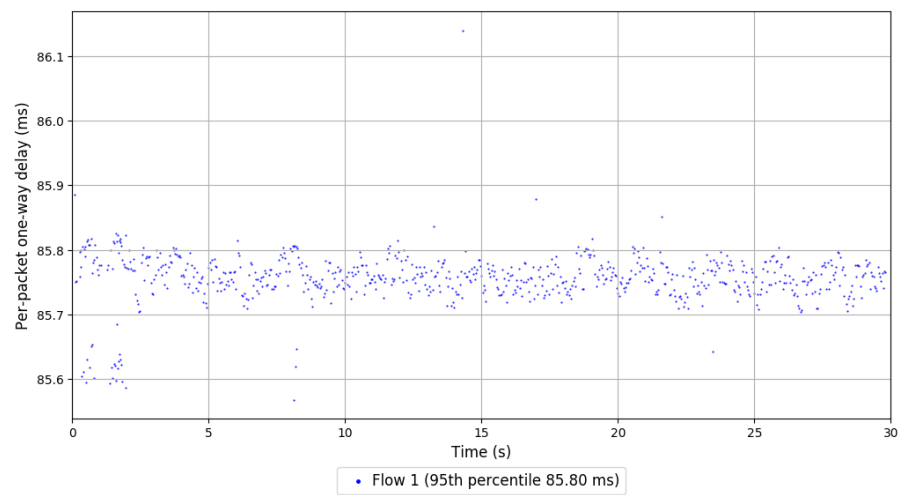
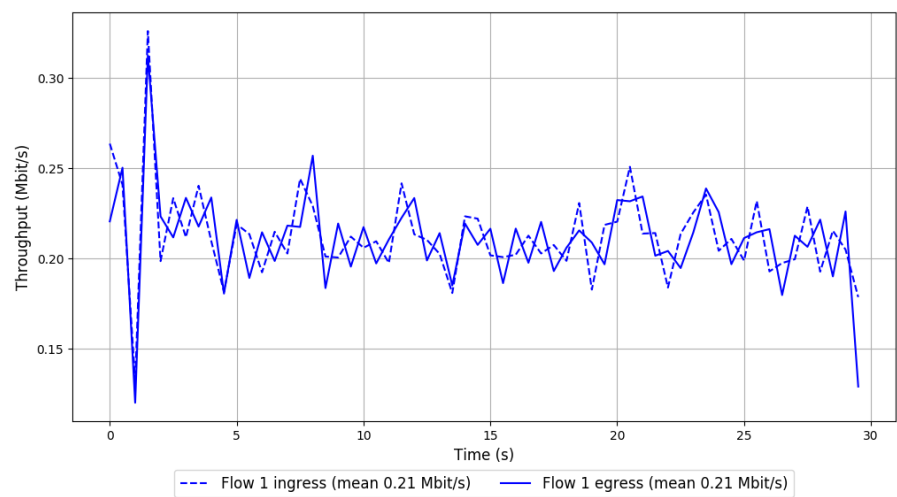


```
Run 1: Statistics of SCReAM

Start at: 2018-02-03 11:38:37
End at: 2018-02-03 11:39:07
Local clock offset: -0.209 ms
Remote clock offset: -5.45 ms

# Below is generated by plot.py at 2018-02-03 18:30:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.802 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.802 ms
Loss rate: 0.64%
```

Run 1: Report of SReAM — Data Link

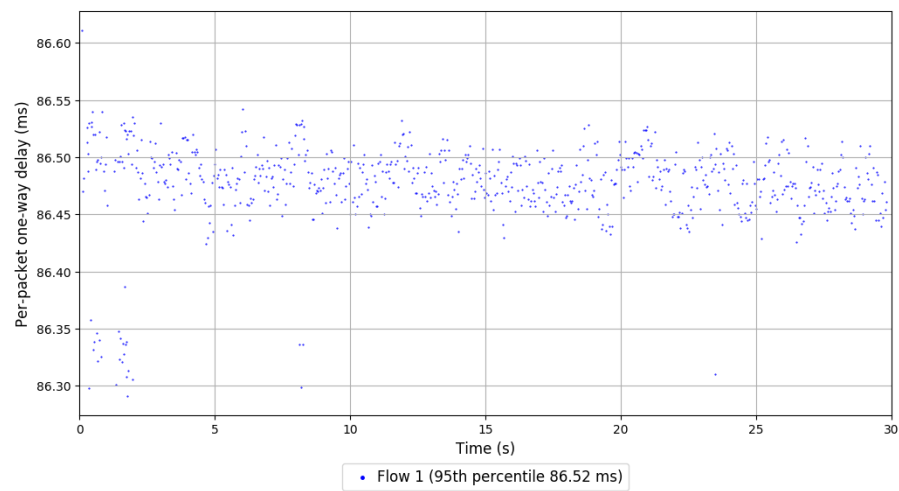
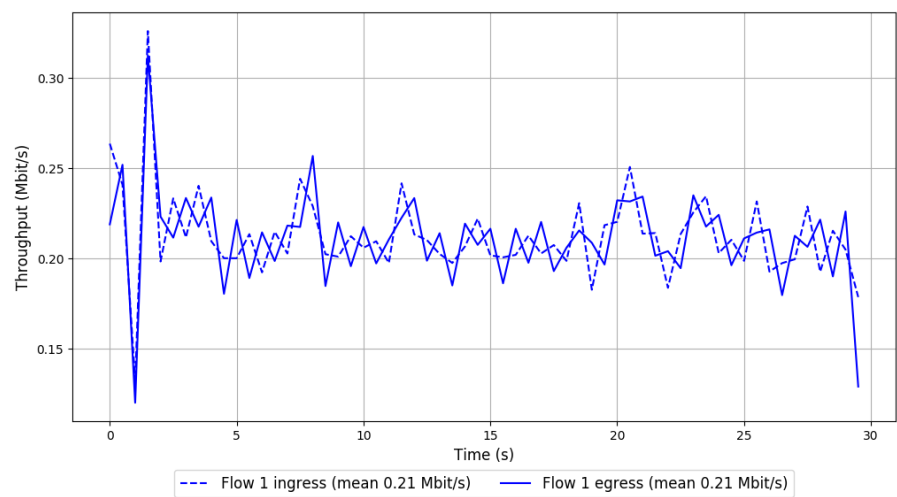


Run 2: Statistics of SCReAM

Start at: 2018-02-03 11:59:34  
End at: 2018-02-03 12:00:04  
Local clock offset: -0.206 ms  
Remote clock offset: -6.521 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 86.520 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 86.520 ms  
Loss rate: 0.64%

Run 2: Report of SReAM — Data Link



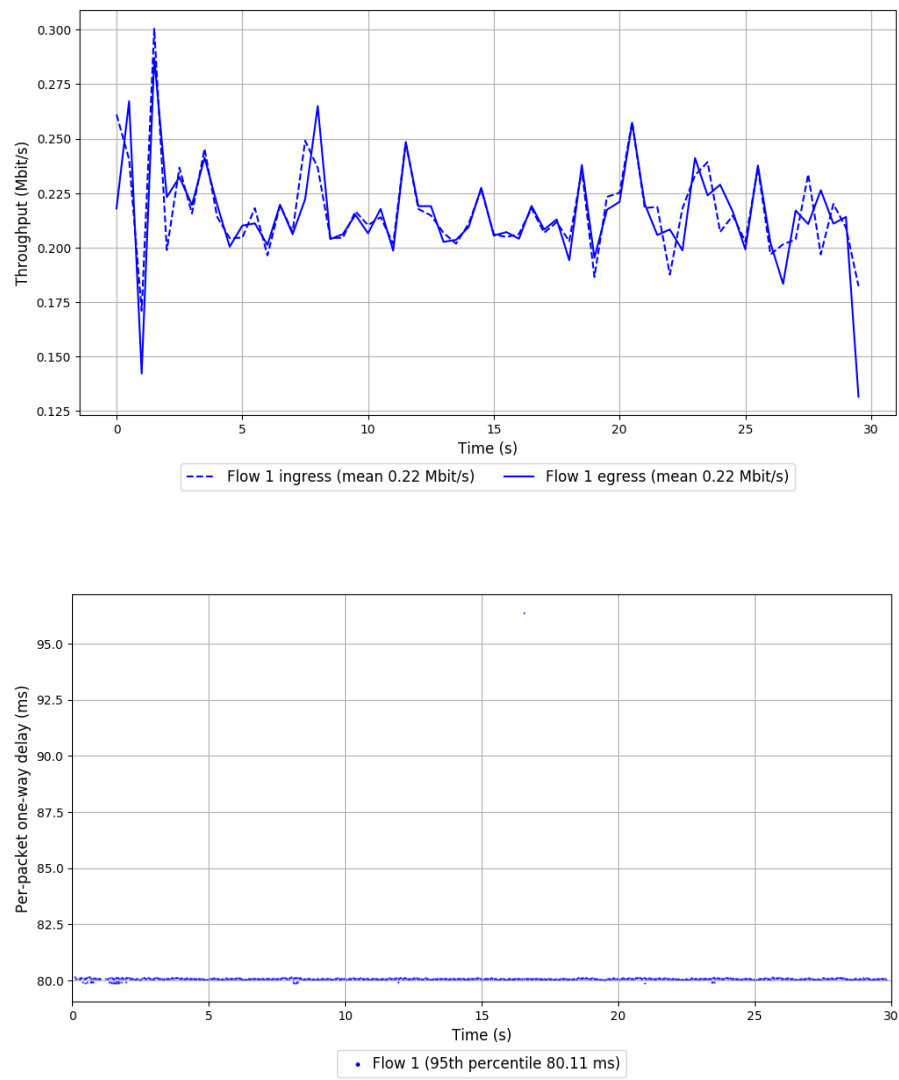
Run 3: Statistics of SCReAM

Start at: 2018-02-03 12:20:32  
End at: 2018-02-03 12:21:02  
Local clock offset: -0.236 ms  
Remote clock offset: -0.306 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 80.111 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 80.111 ms  
Loss rate: 0.64%



Run 3: Report of SReAM — Data Link

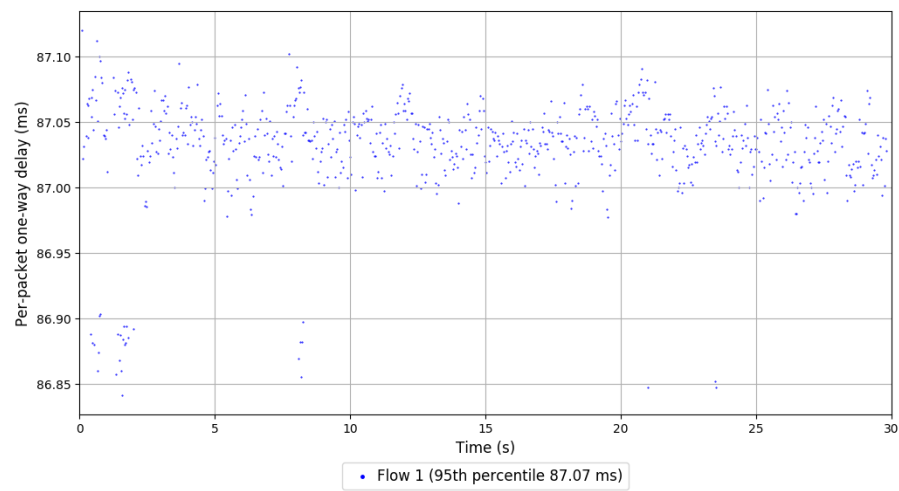
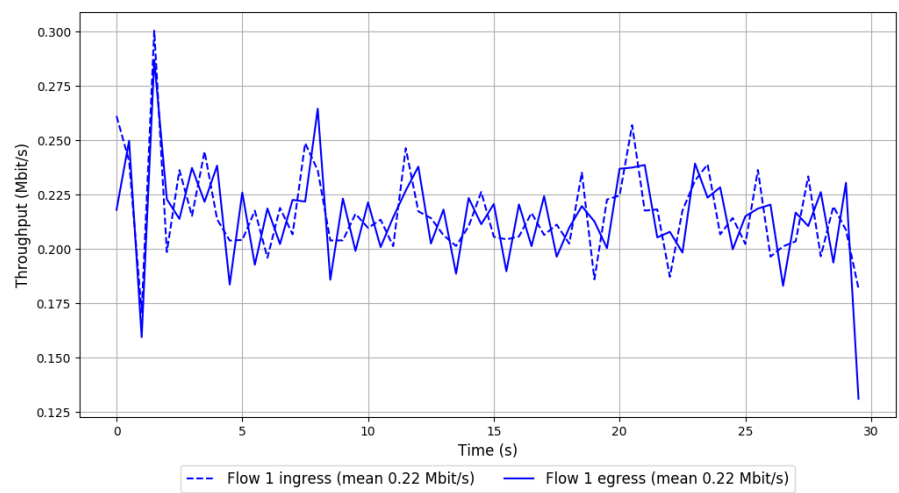


Run 4: Statistics of SCReAM

Start at: 2018-02-03 12:41:30  
End at: 2018-02-03 12:42:00  
Local clock offset: -0.23 ms  
Remote clock offset: -6.187 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 87.074 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 87.074 ms  
Loss rate: 0.64%

Run 4: Report of SReAM — Data Link

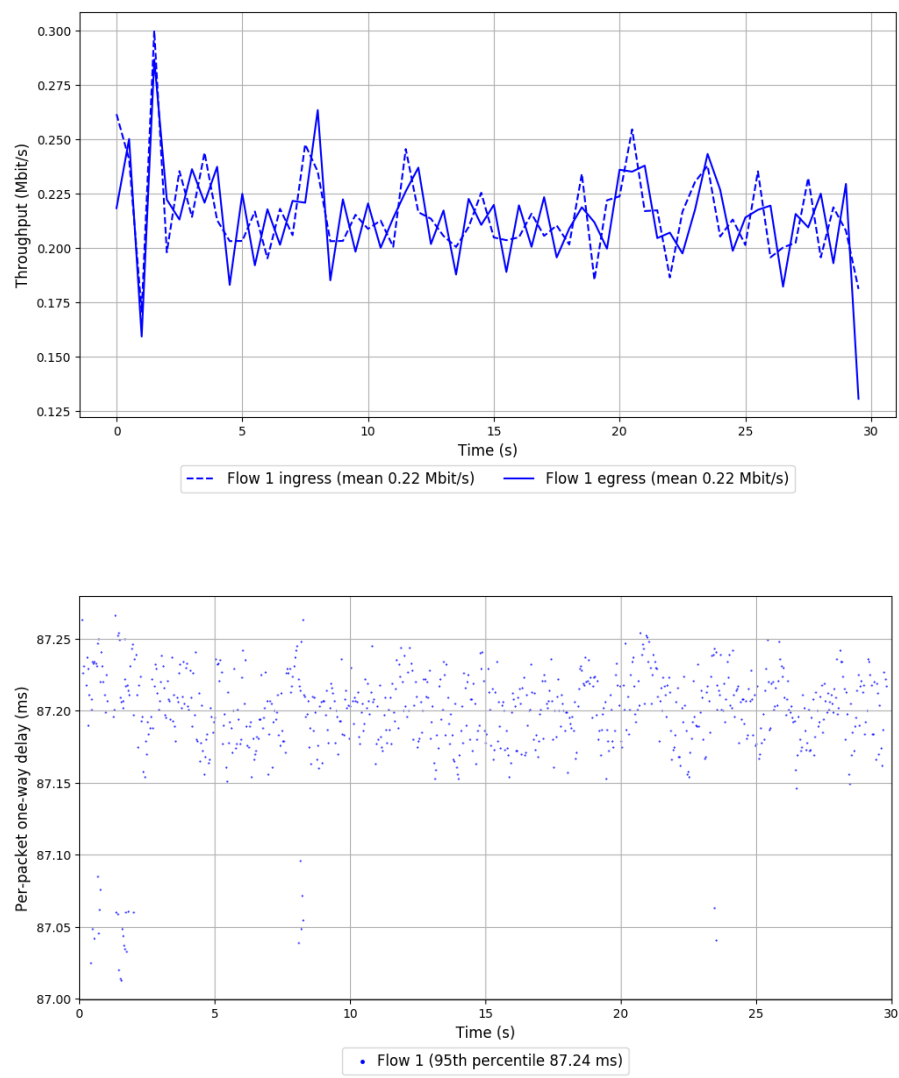


Run 5: Statistics of SCReAM

Start at: 2018-02-03 13:02:27  
End at: 2018-02-03 13:02:57  
Local clock offset: -0.202 ms  
Remote clock offset: -6.111 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 87.239 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 87.239 ms  
Loss rate: 0.64%

Run 5: Report of SReAM — Data Link

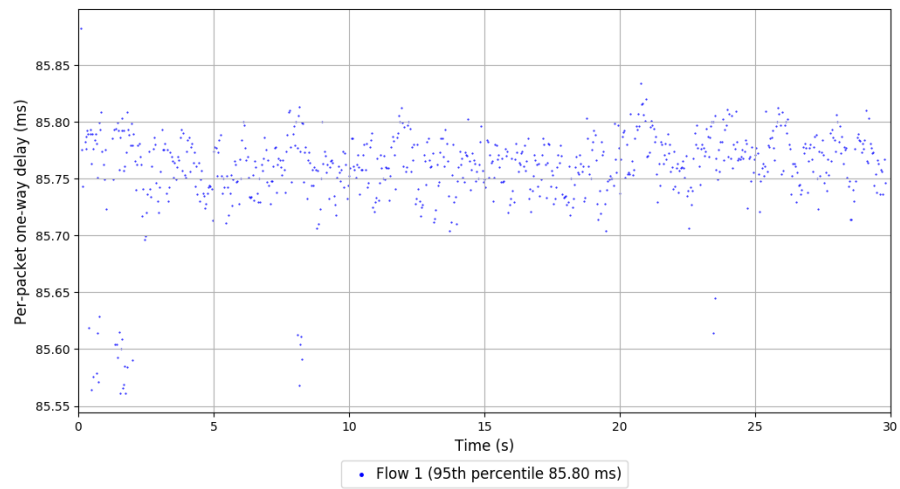
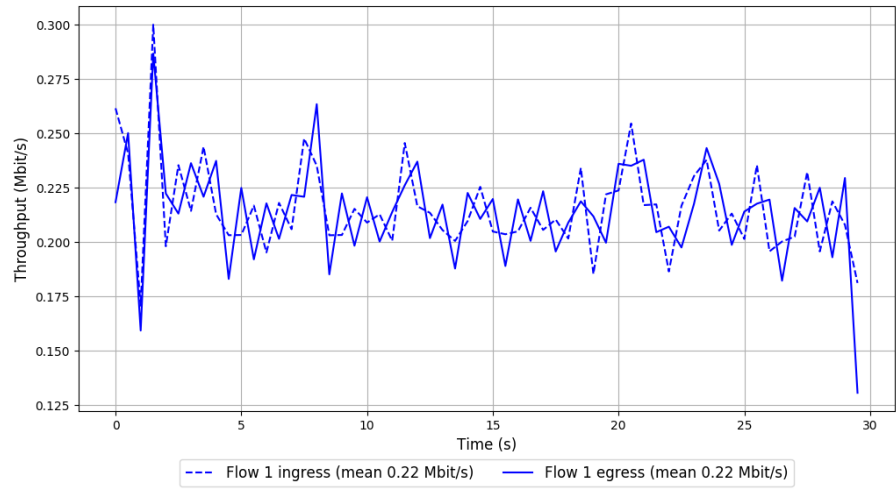


Run 6: Statistics of SCReAM

Start at: 2018-02-03 13:23:24  
End at: 2018-02-03 13:23:54  
Local clock offset: -0.118 ms  
Remote clock offset: -4.882 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 85.800 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 85.800 ms  
Loss rate: 0.64%

## Run 6: Report of SReAM — Data Link



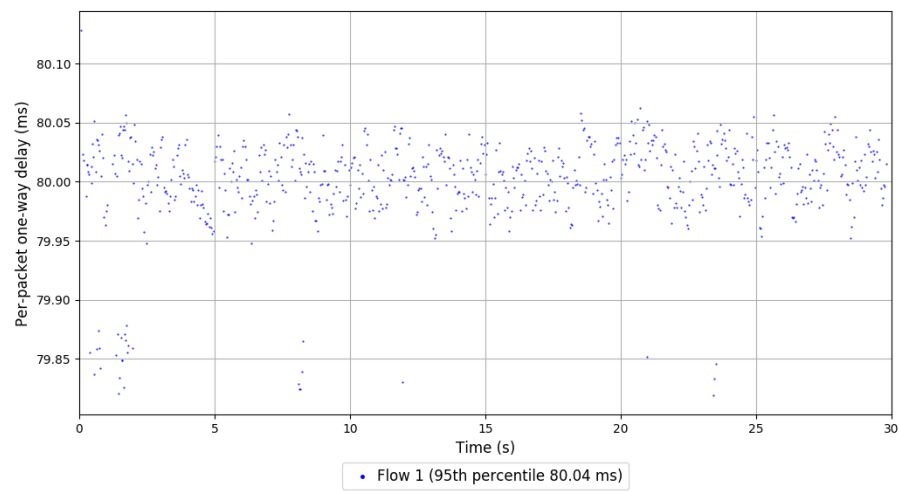
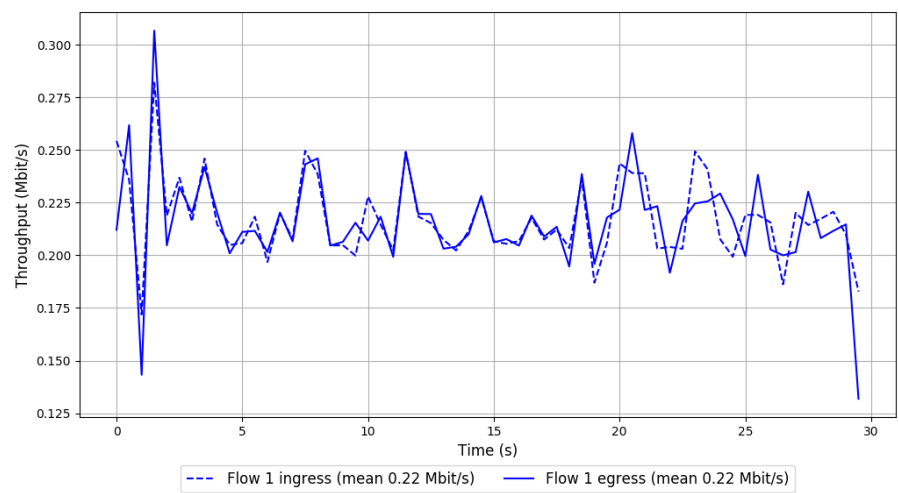
Run 7: Statistics of SCReAM

Start at: 2018-02-03 13:44:25  
End at: 2018-02-03 13:44:55  
Local clock offset: -0.138 ms  
Remote clock offset: -0.305 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 80.044 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 80.044 ms  
Loss rate: 0.64%



Run 7: Report of SReAM — Data Link

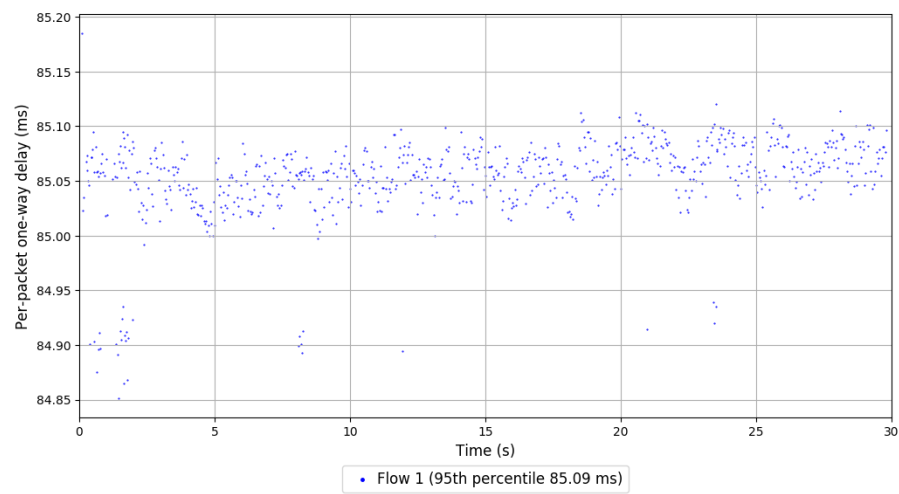
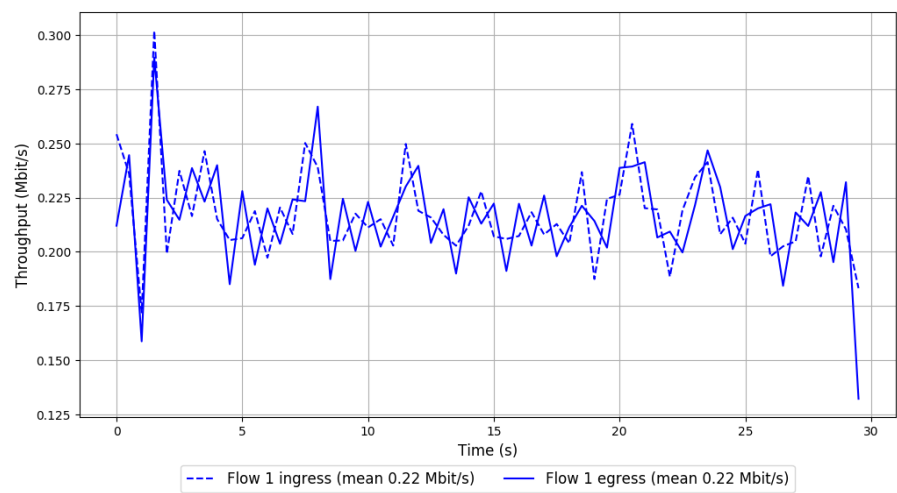


Run 8: Statistics of SCReAM

Start at: 2018-02-03 14:05:26  
End at: 2018-02-03 14:05:56  
Local clock offset: -0.132 ms  
Remote clock offset: -2.992 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 85.095 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 85.095 ms  
Loss rate: 0.64%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-02-03 14:26:22

End at: 2018-02-03 14:26:52

Local clock offset: -0.066 ms

Remote clock offset: -1.11 ms

# Below is generated by plot.py at 2018-02-03 18:30:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 85.757 ms

Loss rate: 0.64%

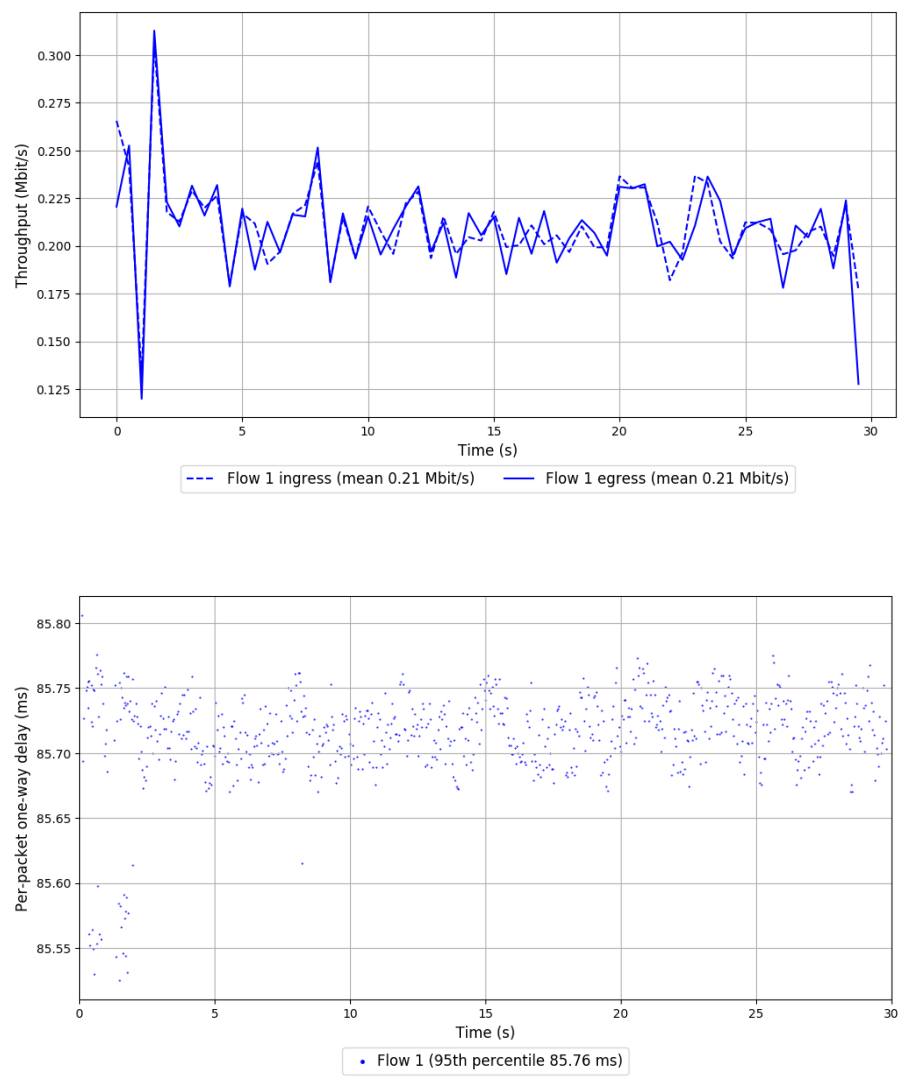
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 85.757 ms

Loss rate: 0.64%

Run 9: Report of SReAM — Data Link

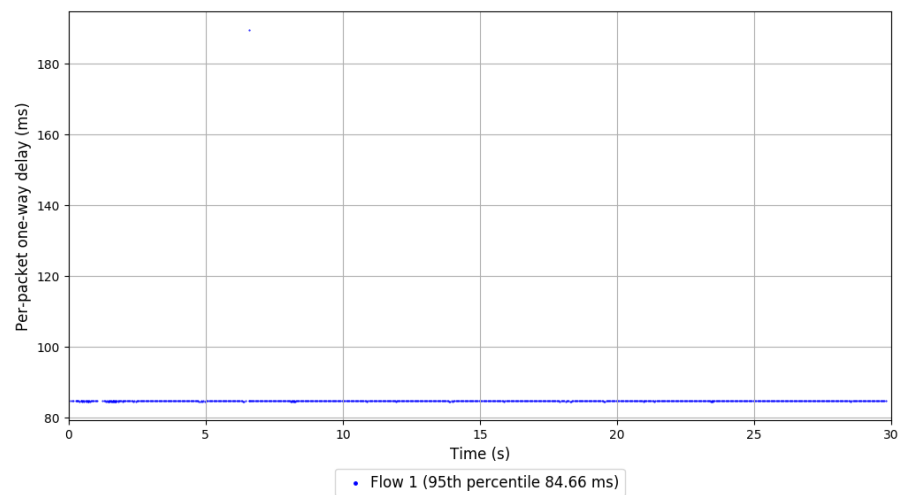
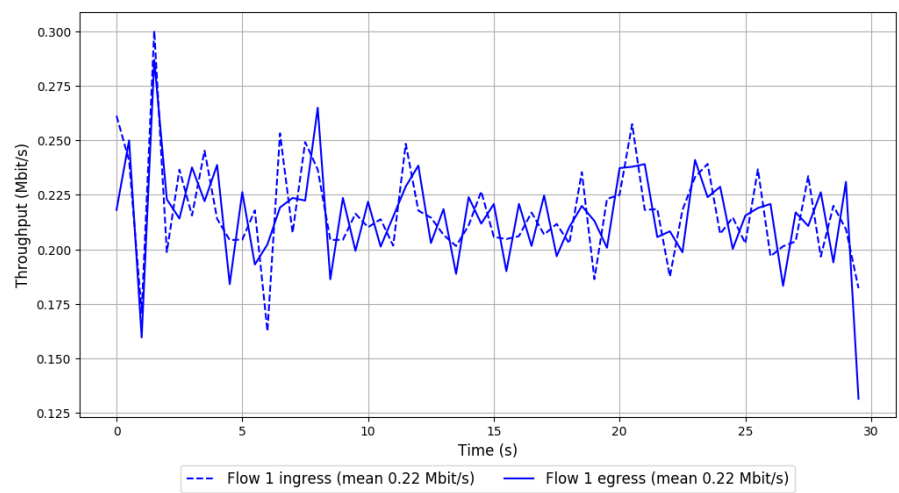


Run 10: Statistics of SReAM

Start at: 2018-02-03 14:47:19  
End at: 2018-02-03 14:47:49  
Local clock offset: -0.063 ms  
Remote clock offset: -0.537 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.658 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.658 ms  
Loss rate: 0.64%

Run 10: Report of SCRaM — Data Link



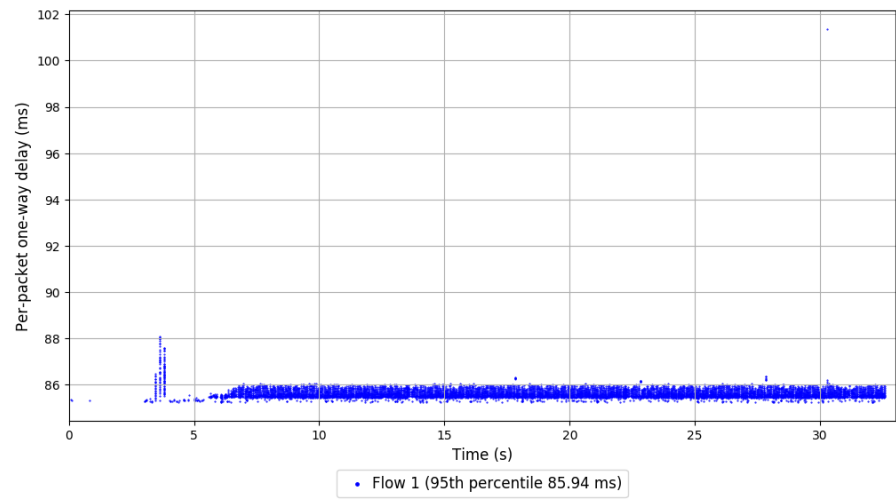
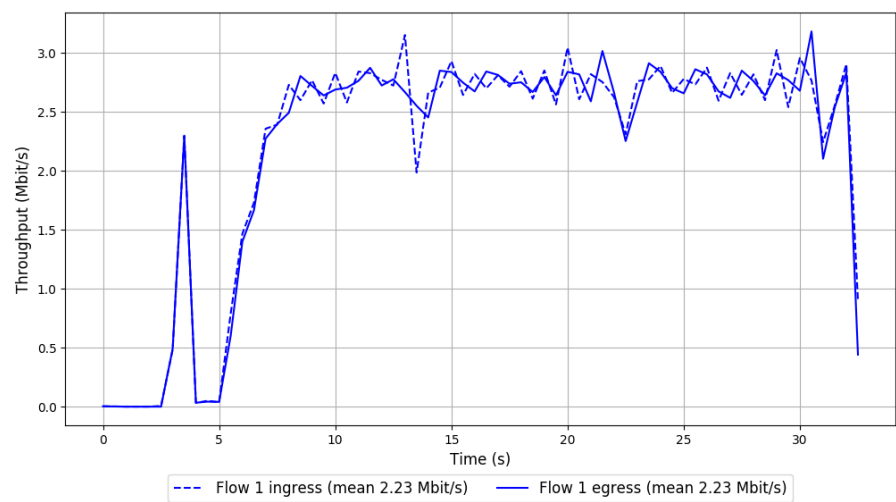
Run 1: Statistics of WebRTC media

Start at: 2018-02-03 11:31:11  
End at: 2018-02-03 11:31:41  
Local clock offset: -0.213 ms  
Remote clock offset: -5.222 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 85.939 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 85.939 ms  
Loss rate: 0.67%



Run 1: Report of WebRTC media — Data Link

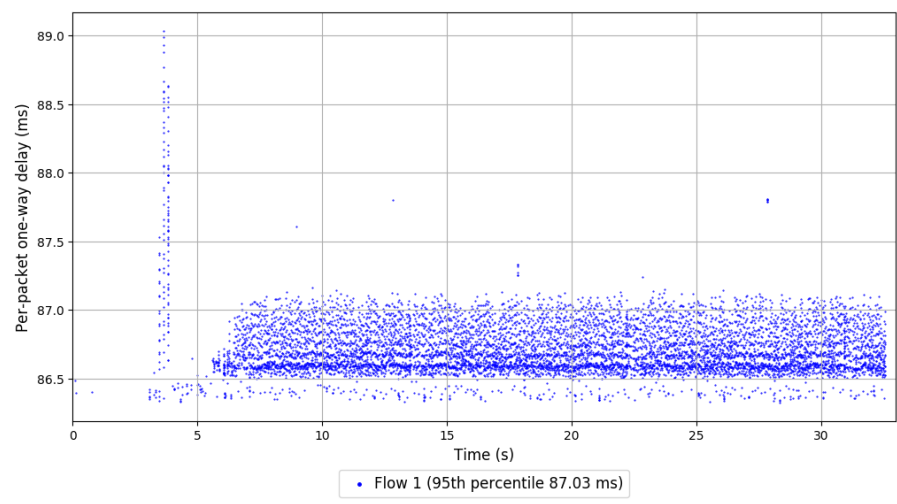
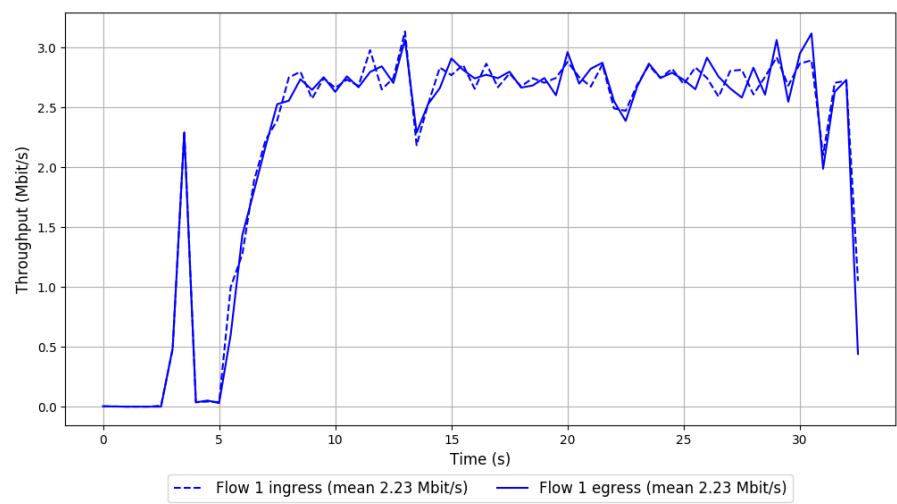


Run 2: Statistics of WebRTC media

Start at: 2018-02-03 11:52:07  
End at: 2018-02-03 11:52:37  
Local clock offset: -0.22 ms  
Remote clock offset: -6.525 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 87.025 ms  
Loss rate: 0.72%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 87.025 ms  
Loss rate: 0.72%

Run 2: Report of WebRTC media — Data Link

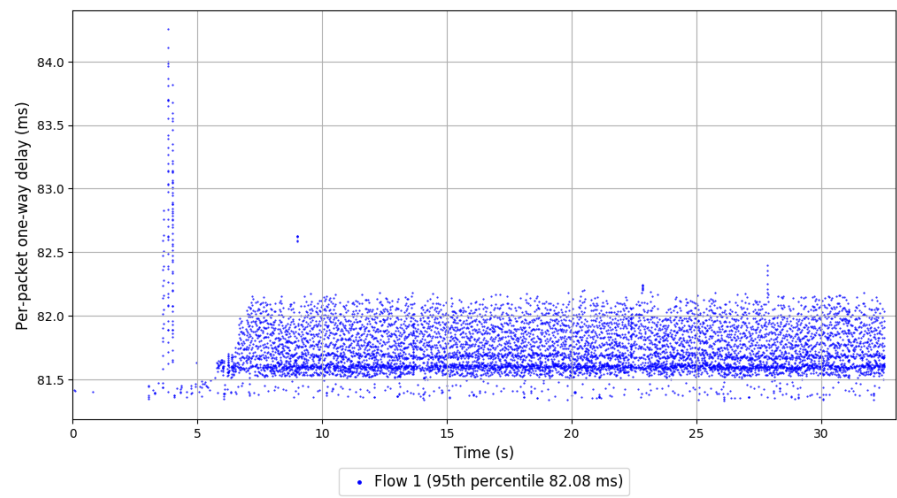
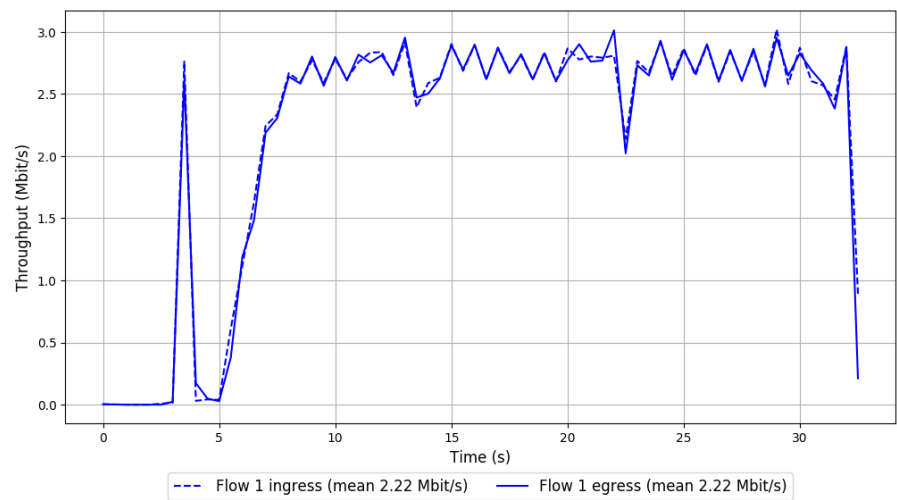


Run 3: Statistics of WebRTC media

Start at: 2018-02-03 12:13:05  
End at: 2018-02-03 12:13:35  
Local clock offset: -0.219 ms  
Remote clock offset: -0.227 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.22 Mbit/s  
95th percentile per-packet one-way delay: 82.076 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 2.22 Mbit/s  
95th percentile per-packet one-way delay: 82.076 ms  
Loss rate: 0.78%

Run 3: Report of WebRTC media — Data Link

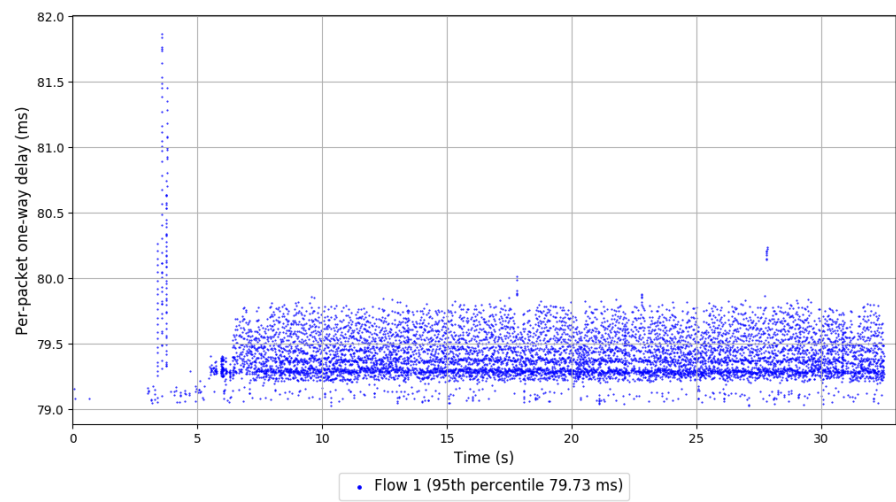
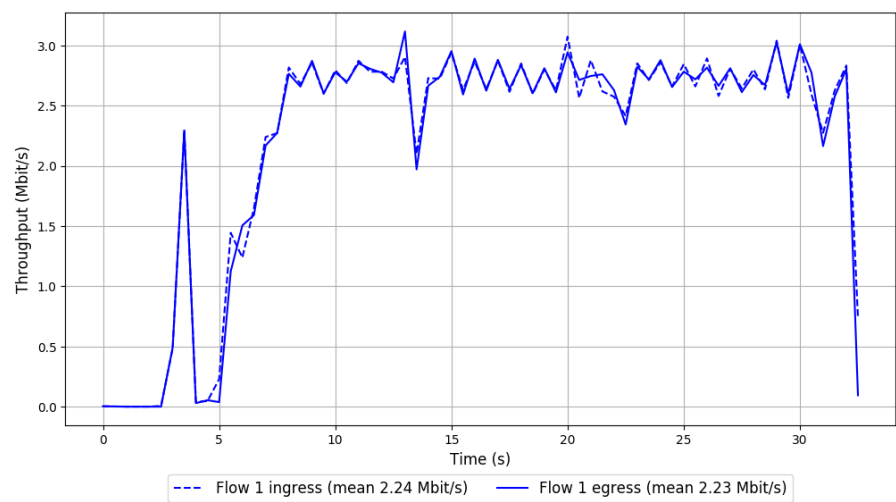


Run 4: Statistics of WebRTC media

Start at: 2018-02-03 12:34:03  
End at: 2018-02-03 12:34:33  
Local clock offset: -0.24 ms  
Remote clock offset: -1.331 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 79.732 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 79.732 ms  
Loss rate: 0.75%

Run 4: Report of WebRTC media — Data Link



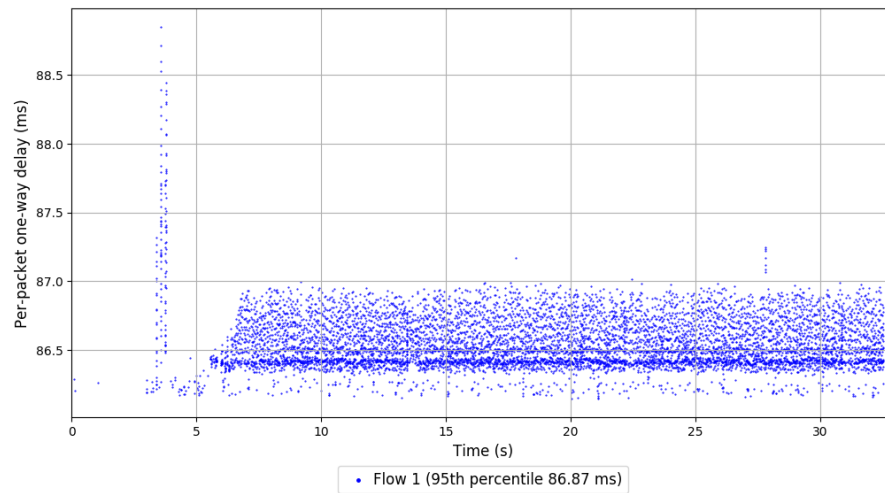
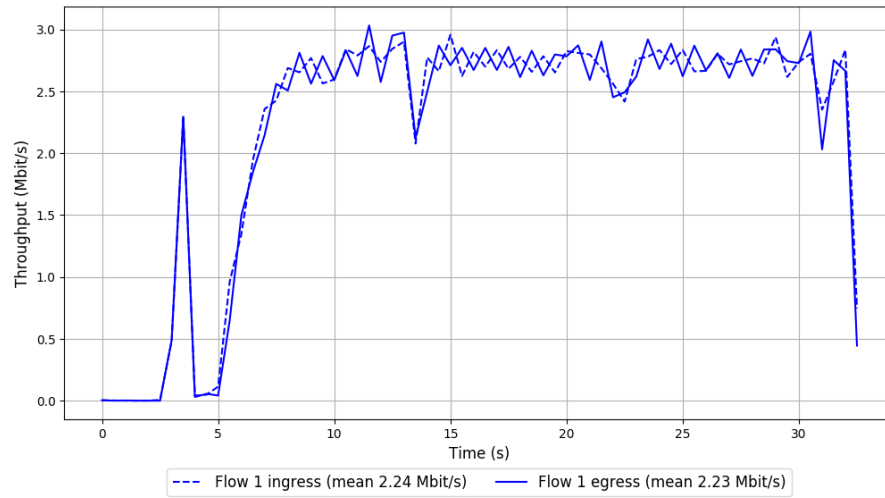
Run 5: Statistics of WebRTC media

Start at: 2018-02-03 12:55:01  
End at: 2018-02-03 12:55:31  
Local clock offset: -0.209 ms  
Remote clock offset: -6.978 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 86.871 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 86.871 ms  
Loss rate: 0.61%



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

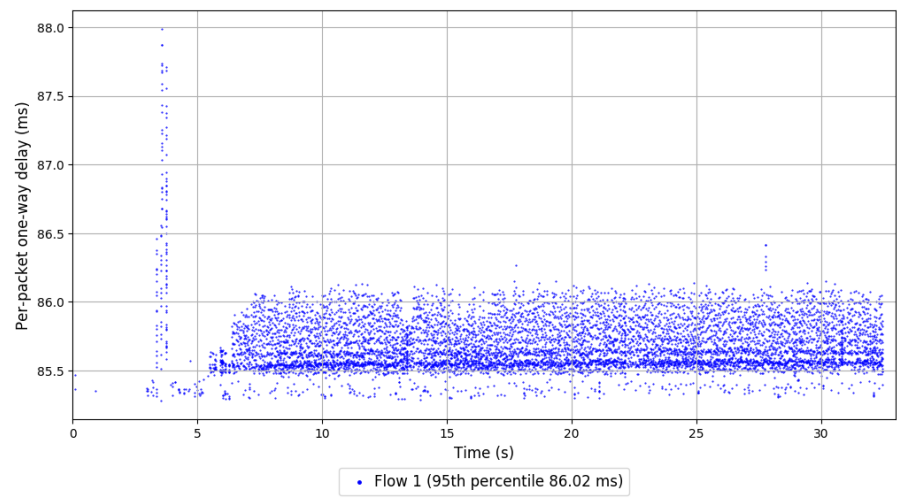
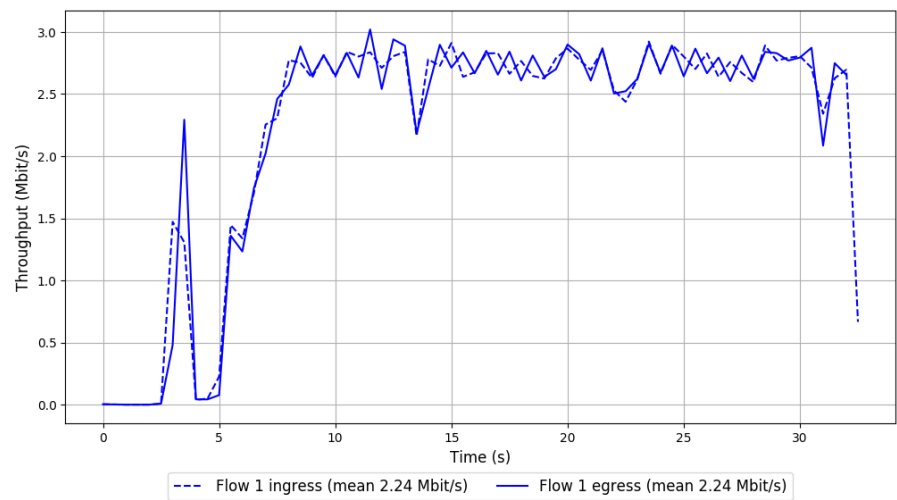


Run 6: Statistics of WebRTC media

Start at: 2018-02-03 13:15:58  
End at: 2018-02-03 13:16:28  
Local clock offset: -0.163 ms  
Remote clock offset: -5.337 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 86.020 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 86.020 ms  
Loss rate: 0.78%

Run 6: Report of WebRTC media — Data Link

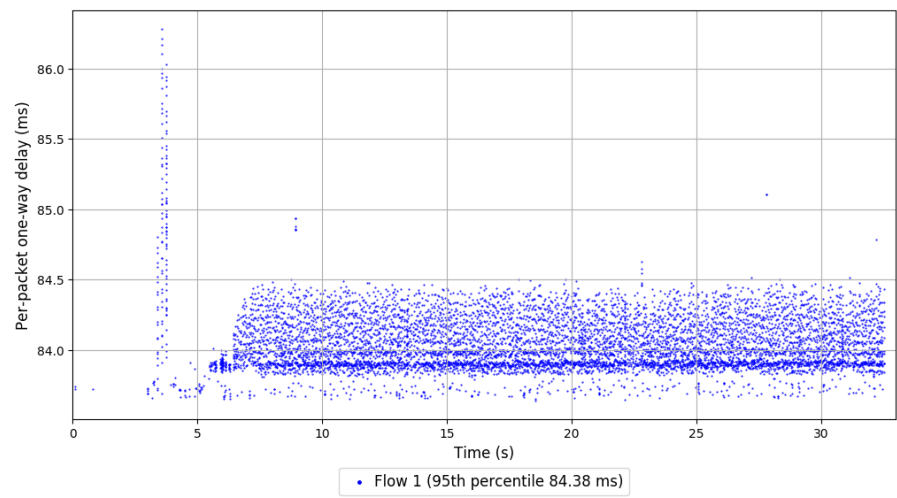
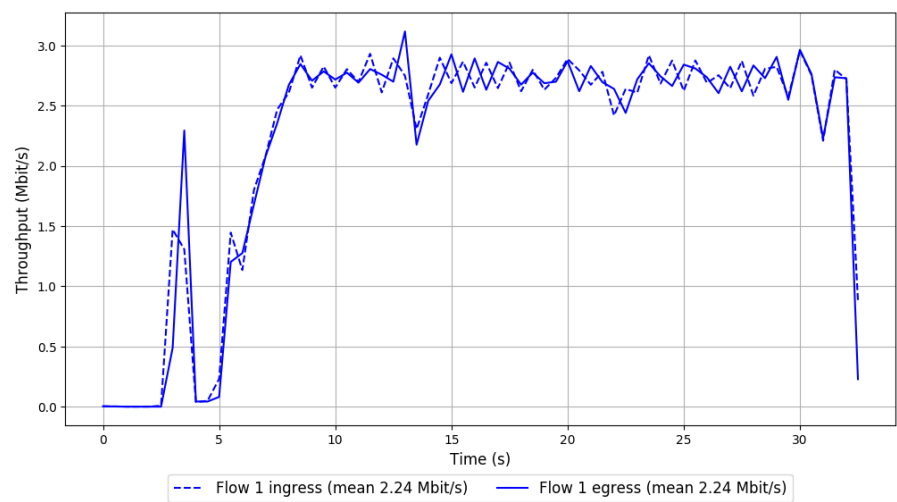


Run 7: Statistics of WebRTC media

Start at: 2018-02-03 13:36:59  
End at: 2018-02-03 13:37:29  
Local clock offset: -0.129 ms  
Remote clock offset: -4.528 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 84.377 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 84.377 ms  
Loss rate: 0.76%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-03 13:57:59

End at: 2018-02-03 13:58:29

Local clock offset: -0.142 ms

Remote clock offset: 1.071 ms

# Below is generated by plot.py at 2018-02-03 18:30:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 81.439 ms

Loss rate: 0.76%

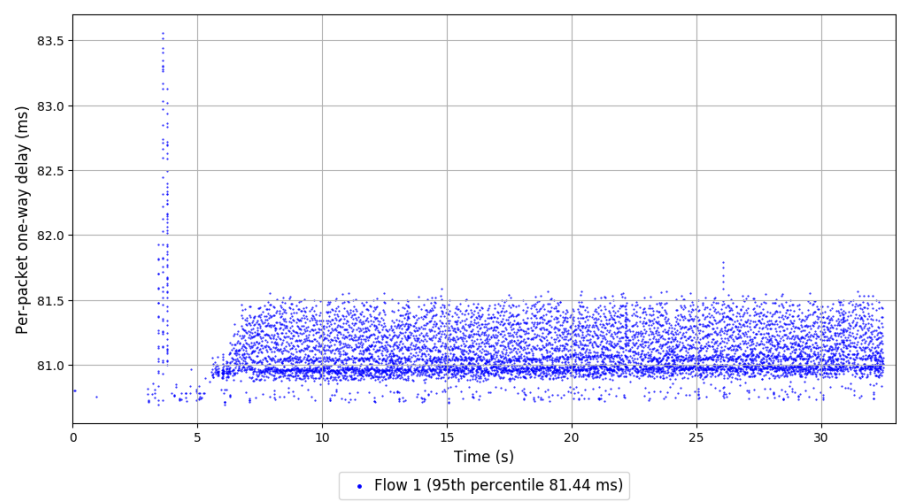
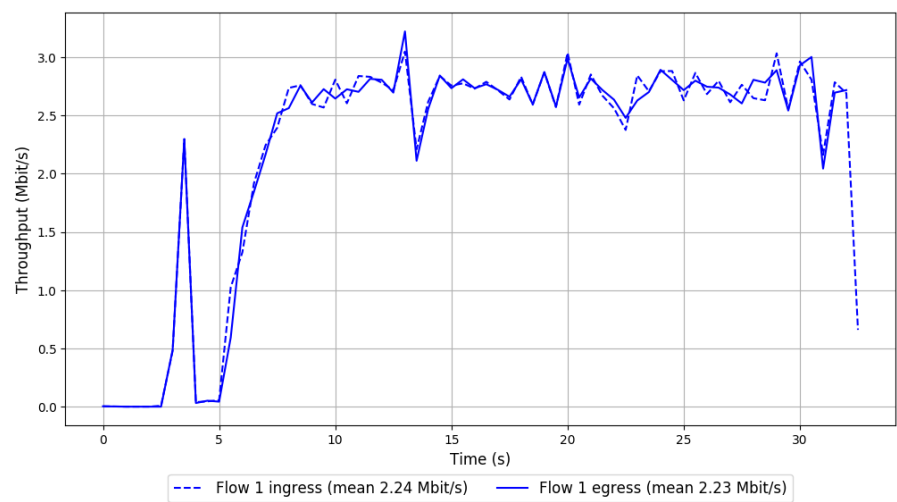
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 81.439 ms

Loss rate: 0.76%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-02-03 14:18:55

End at: 2018-02-03 14:19:25

Local clock offset: -0.112 ms

Remote clock offset: 3.172 ms

# Below is generated by plot.py at 2018-02-03 18:30:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 80.322 ms

Loss rate: 0.62%

-- Flow 1:

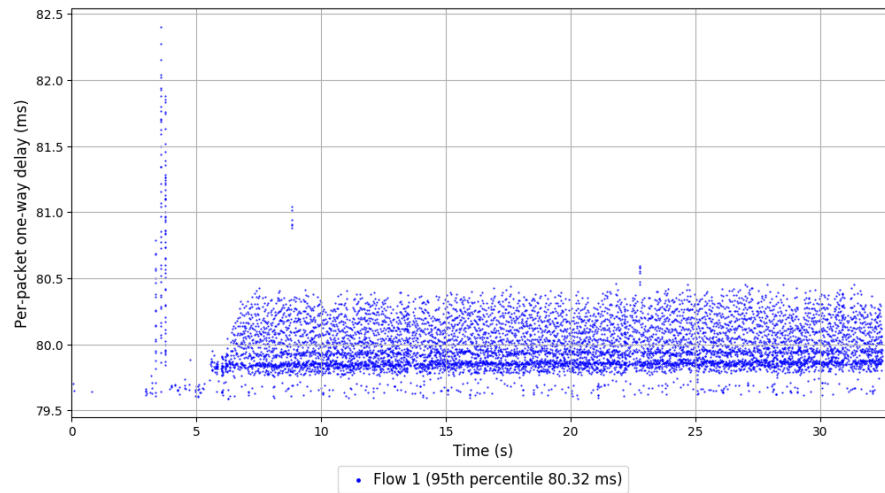
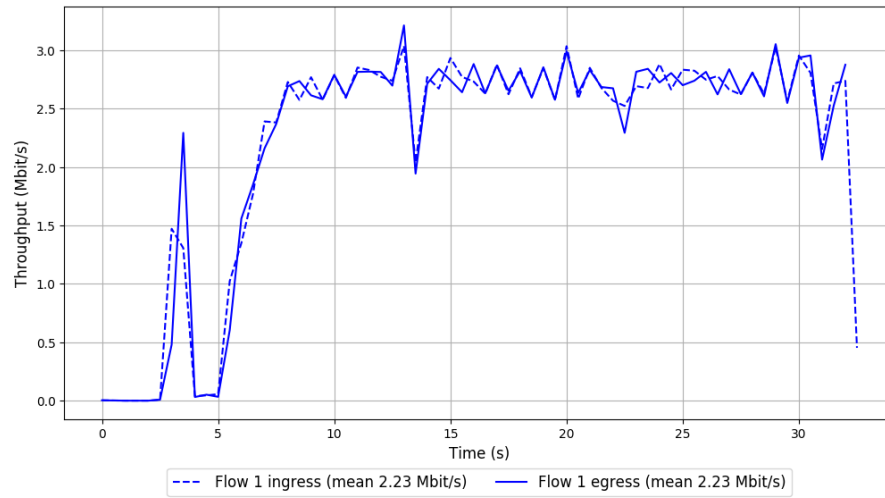
Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 80.322 ms

Loss rate: 0.62%



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



Run 10: Statistics of WebRTC media

Start at: 2018-02-03 14:39:51

End at: 2018-02-03 14:40:21

Local clock offset: -0.028 ms

Remote clock offset: 3.058 ms

# Below is generated by plot.py at 2018-02-03 18:30:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 82.664 ms

Loss rate: 0.76%

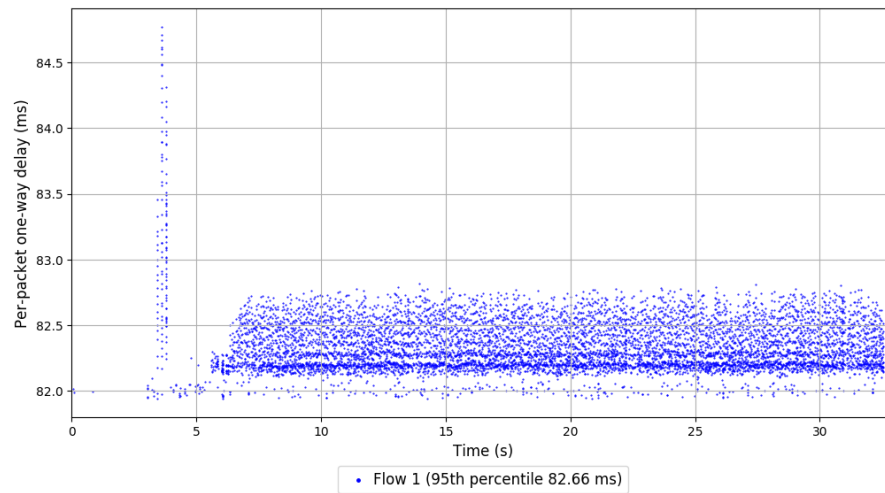
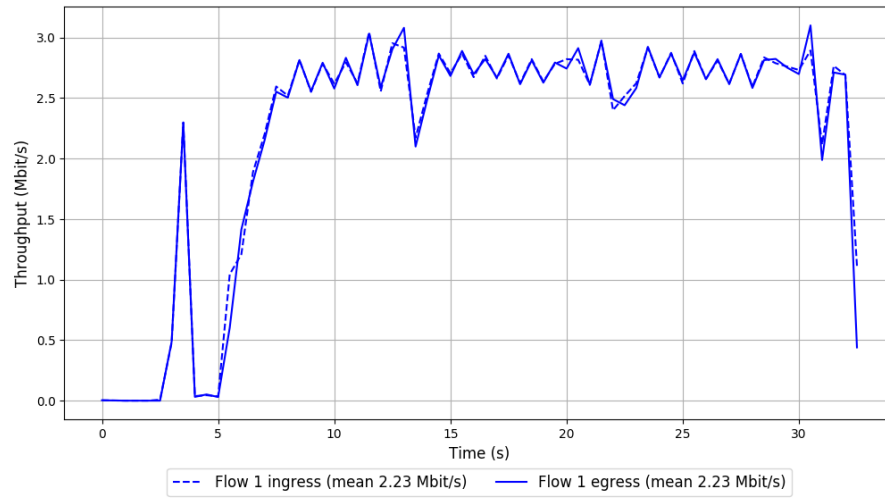
-- Flow 1:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 82.664 ms

Loss rate: 0.76%

# Run 10: Report of WebRTC media — Data Link

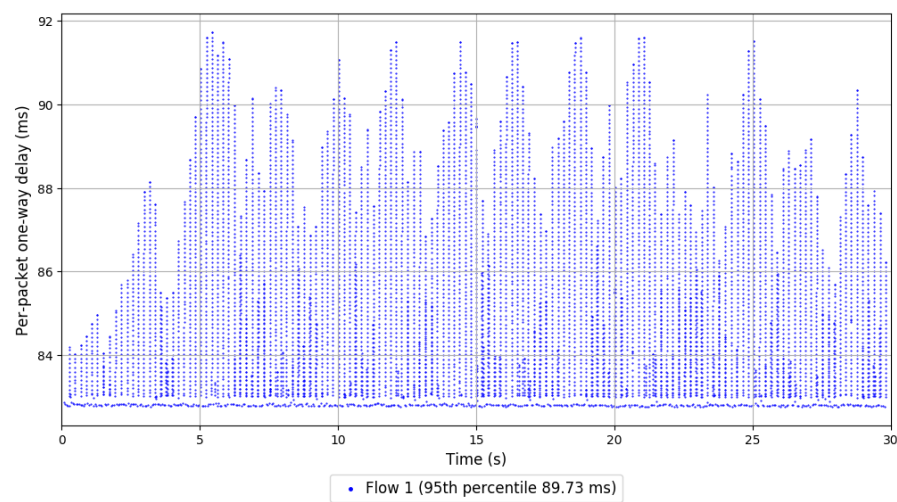
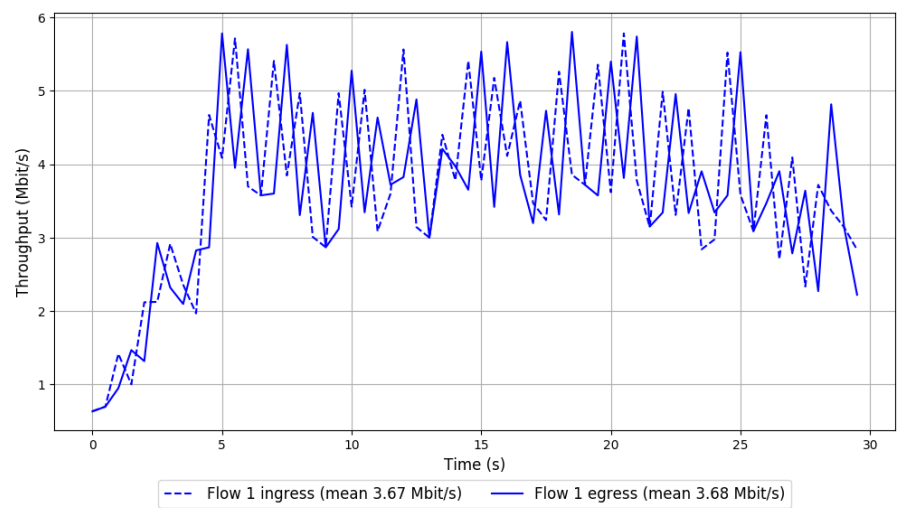


Run 1: Statistics of Sprout

Start at: 2018-02-03 11:42:14  
End at: 2018-02-03 11:42:44  
Local clock offset: -0.192 ms  
Remote clock offset: -1.456 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.68 Mbit/s  
95th percentile per-packet one-way delay: 89.735 ms  
Loss rate: 0.28%  
-- Flow 1:  
Average throughput: 3.68 Mbit/s  
95th percentile per-packet one-way delay: 89.735 ms  
Loss rate: 0.28%

Run 1: Report of Sprout — Data Link

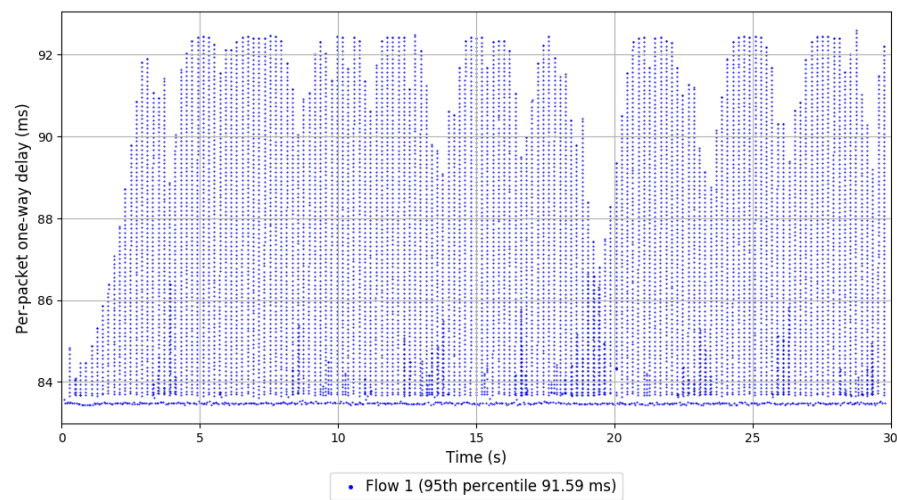
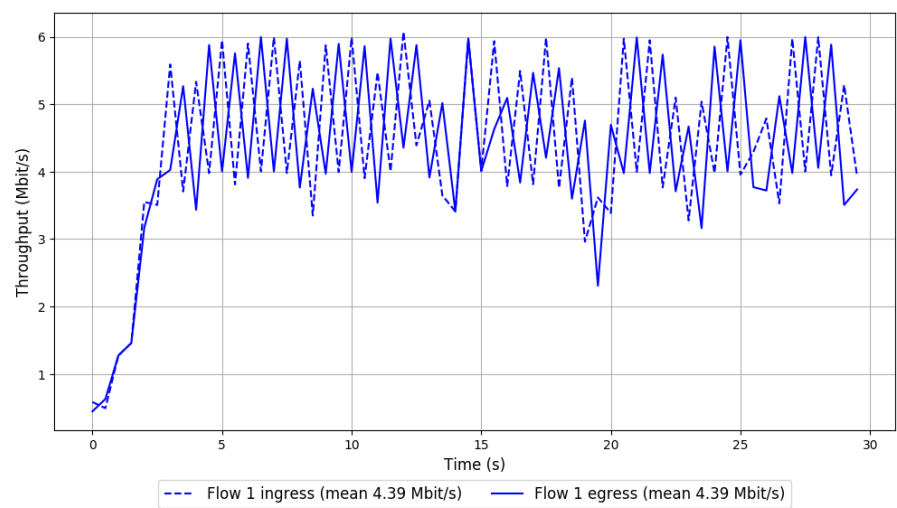


Run 2: Statistics of Sprout

Start at: 2018-02-03 12:03:11  
End at: 2018-02-03 12:03:41  
Local clock offset: -0.198 ms  
Remote clock offset: -5.729 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.39 Mbit/s  
95th percentile per-packet one-way delay: 91.591 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 4.39 Mbit/s  
95th percentile per-packet one-way delay: 91.591 ms  
Loss rate: 0.75%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-02-03 12:24:09

End at: 2018-02-03 12:24:39

Local clock offset: -0.258 ms

Remote clock offset: -1.11 ms

# Below is generated by plot.py at 2018-02-03 18:30:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 87.734 ms

Loss rate: 0.74%

-- Flow 1:

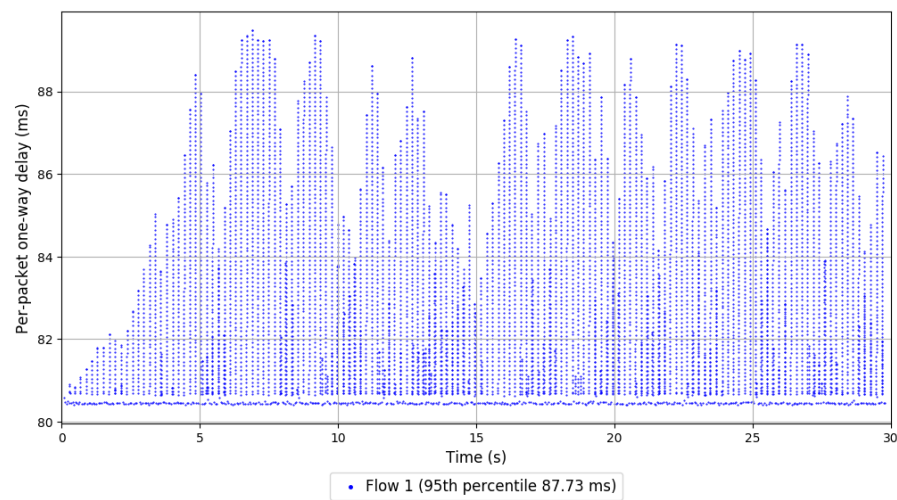
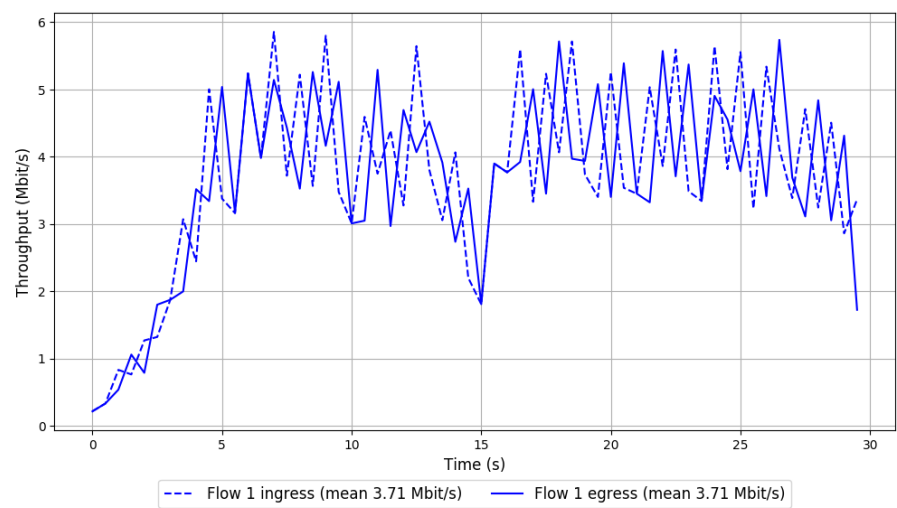
Average throughput: 3.71 Mbit/s

95th percentile per-packet one-way delay: 87.734 ms

Loss rate: 0.74%



Run 3: Report of Sprout — Data Link

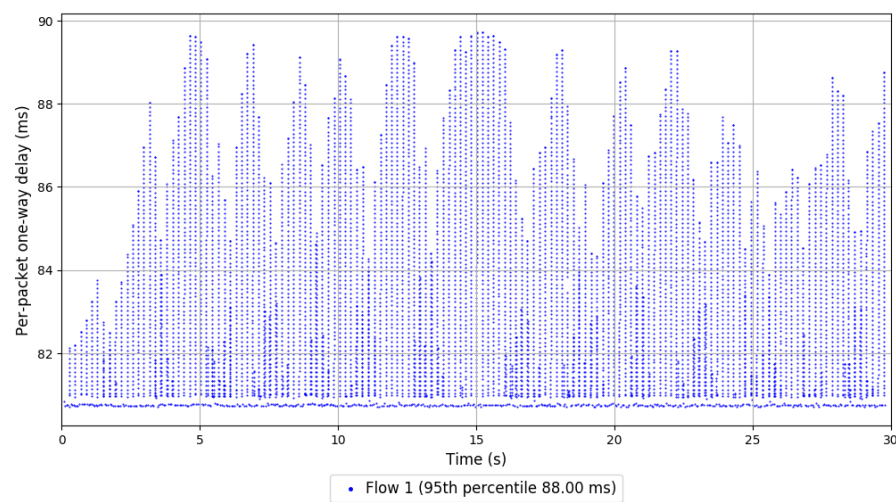
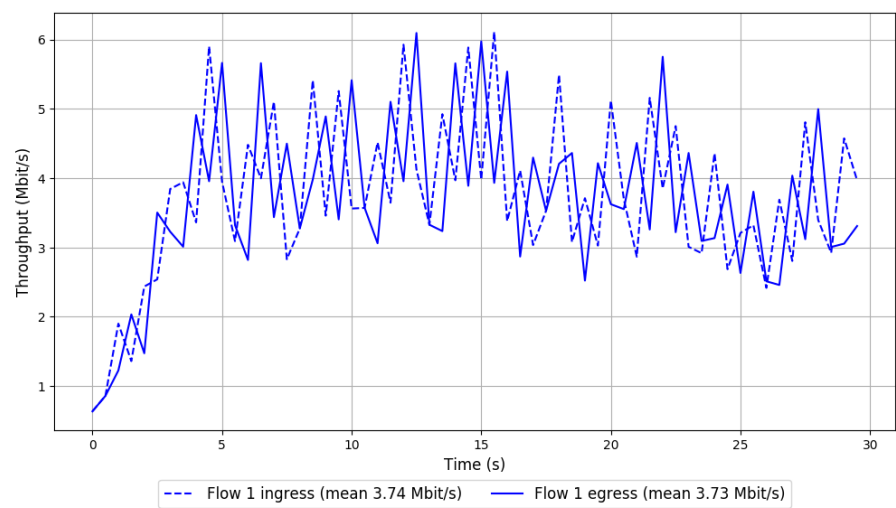


Run 4: Statistics of Sprout

Start at: 2018-02-03 12:45:07  
End at: 2018-02-03 12:45:37  
Local clock offset: -0.205 ms  
Remote clock offset: -1.375 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.73 Mbit/s  
95th percentile per-packet one-way delay: 88.002 ms  
Loss rate: 0.97%  
-- Flow 1:  
Average throughput: 3.73 Mbit/s  
95th percentile per-packet one-way delay: 88.002 ms  
Loss rate: 0.97%

Run 4: Report of Sprout — Data Link

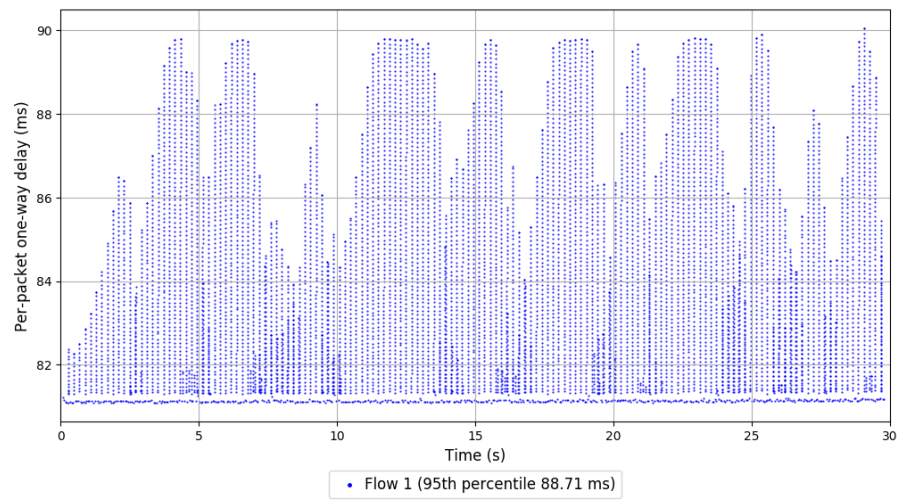
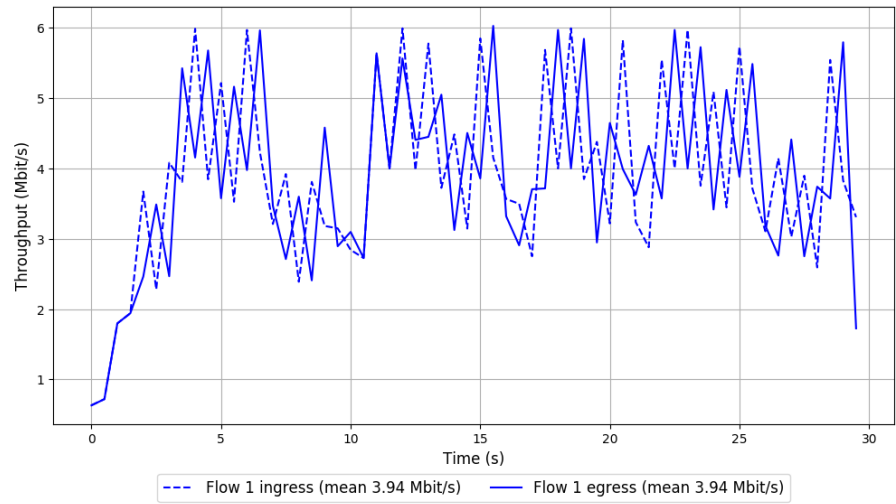


Run 5: Statistics of Sprout

Start at: 2018-02-03 13:06:04  
End at: 2018-02-03 13:06:34  
Local clock offset: -0.212 ms  
Remote clock offset: -1.962 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.94 Mbit/s  
95th percentile per-packet one-way delay: 88.714 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 3.94 Mbit/s  
95th percentile per-packet one-way delay: 88.714 ms  
Loss rate: 0.67%

# Run 5: Report of Sprout — Data Link

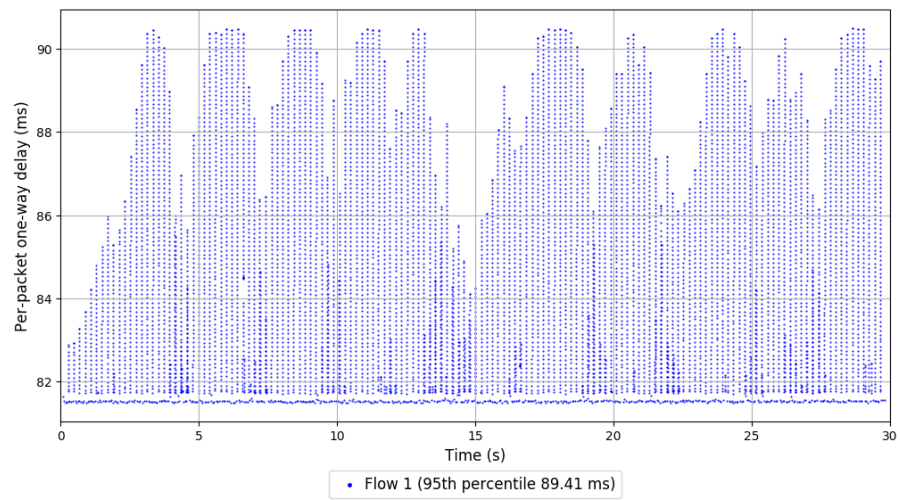
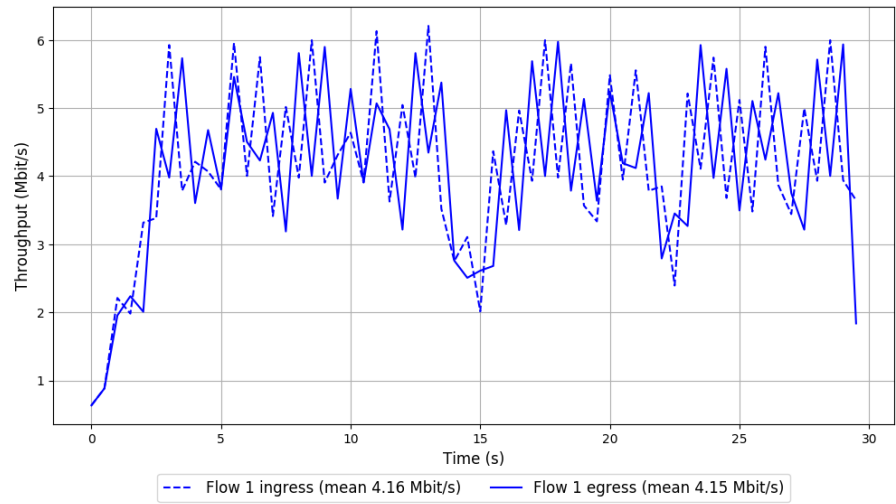


Run 6: Statistics of Sprout

Start at: 2018-02-03 13:27:01  
End at: 2018-02-03 13:27:32  
Local clock offset: -0.113 ms  
Remote clock offset: -0.692 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.15 Mbit/s  
95th percentile per-packet one-way delay: 89.405 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 4.15 Mbit/s  
95th percentile per-packet one-way delay: 89.405 ms  
Loss rate: 0.73%

## Run 6: Report of Sprout — Data Link



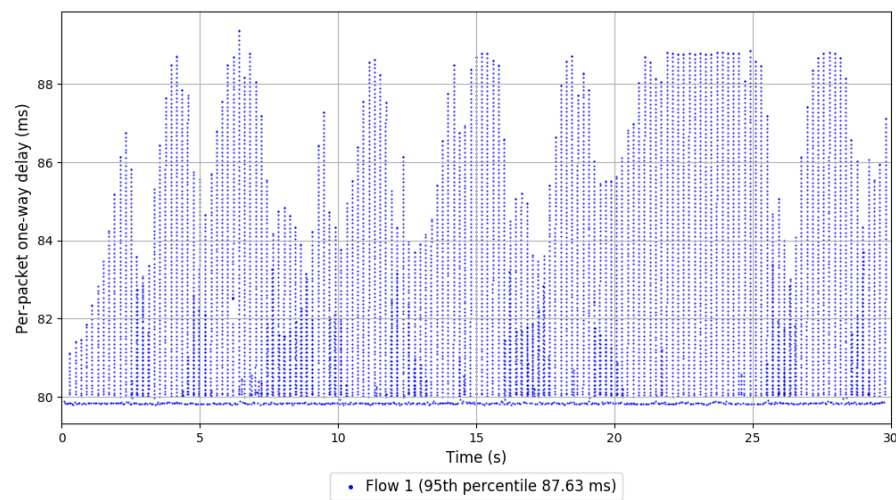
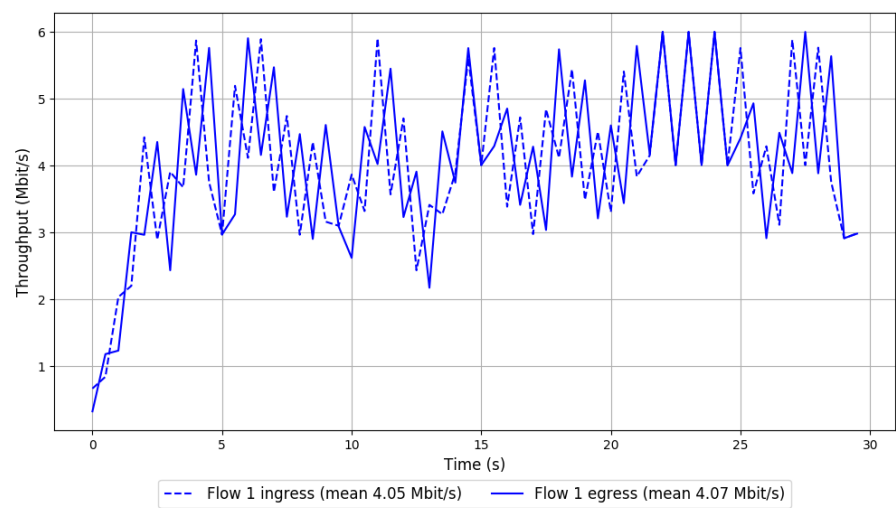
Run 7: Statistics of Sprout

Start at: 2018-02-03 13:48:04  
End at: 2018-02-03 13:48:34  
Local clock offset: -0.113 ms  
Remote clock offset: -0.212 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.07 Mbit/s  
95th percentile per-packet one-way delay: 87.633 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 4.07 Mbit/s  
95th percentile per-packet one-way delay: 87.633 ms  
Loss rate: 0.00%



Run 7: Report of Sprout — Data Link

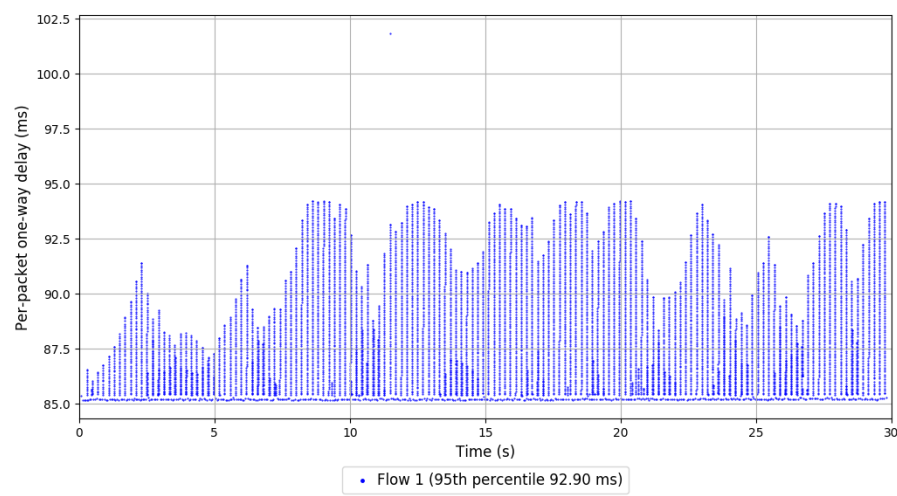
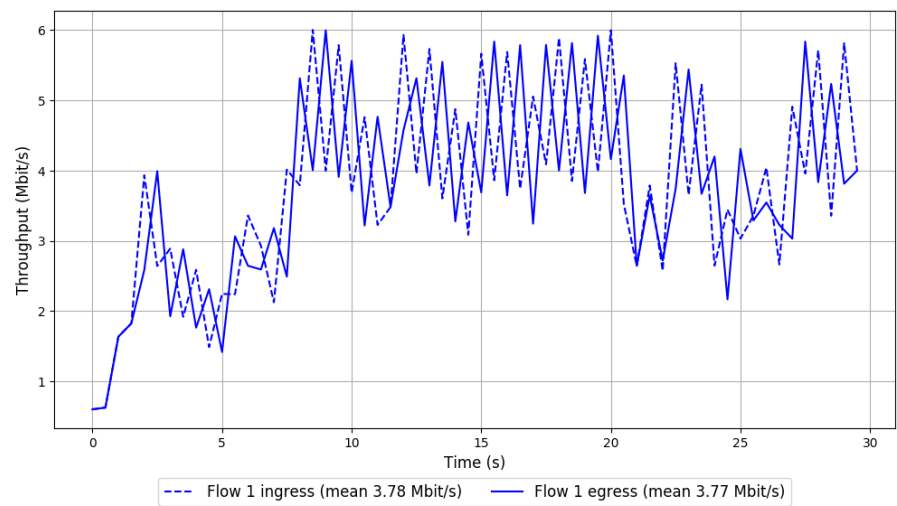


Run 8: Statistics of Sprout

Start at: 2018-02-03 14:09:03  
End at: 2018-02-03 14:09:33  
Local clock offset: -0.106 ms  
Remote clock offset: -2.822 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.77 Mbit/s  
95th percentile per-packet one-way delay: 92.902 ms  
Loss rate: 0.88%  
-- Flow 1:  
Average throughput: 3.77 Mbit/s  
95th percentile per-packet one-way delay: 92.902 ms  
Loss rate: 0.88%

Run 8: Report of Sprout — Data Link

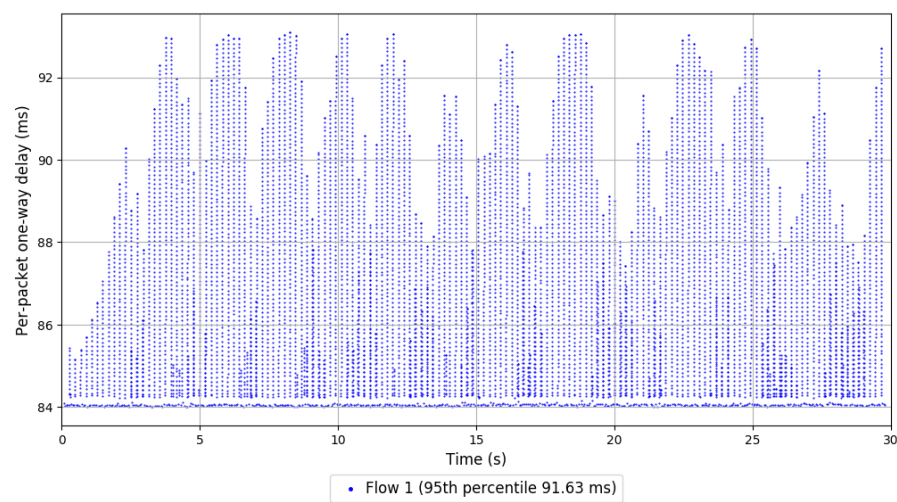
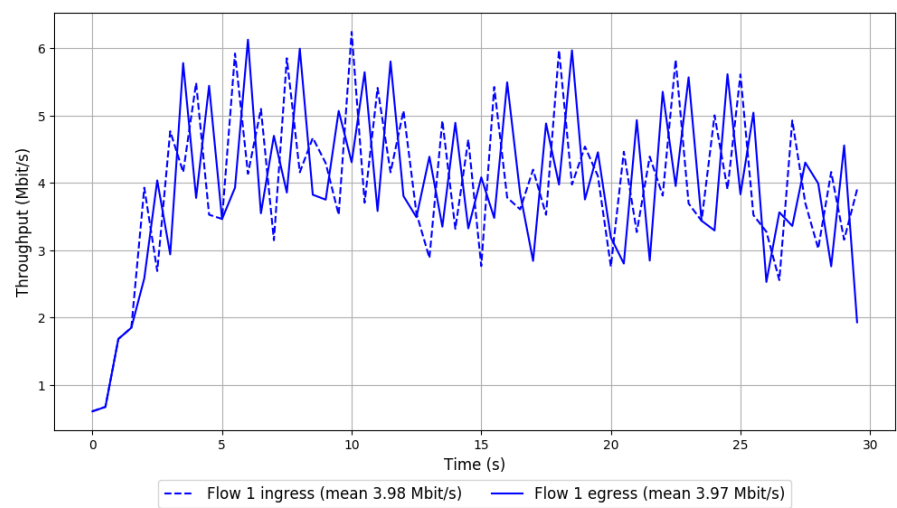


Run 9: Statistics of Sprout

Start at: 2018-02-03 14:29:58  
End at: 2018-02-03 14:30:28  
Local clock offset: -0.079 ms  
Remote clock offset: -0.987 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.97 Mbit/s  
95th percentile per-packet one-way delay: 91.633 ms  
Loss rate: 0.83%  
-- Flow 1:  
Average throughput: 3.97 Mbit/s  
95th percentile per-packet one-way delay: 91.633 ms  
Loss rate: 0.83%

Run 9: Report of Sprout — Data Link

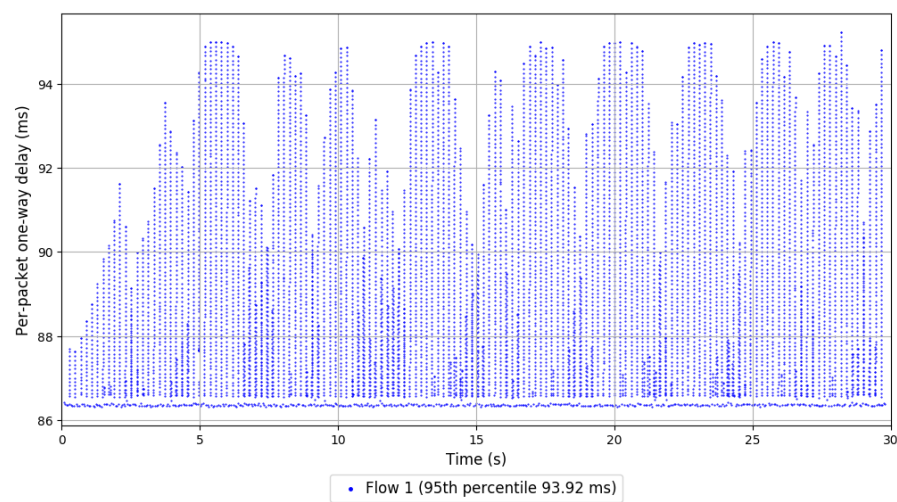
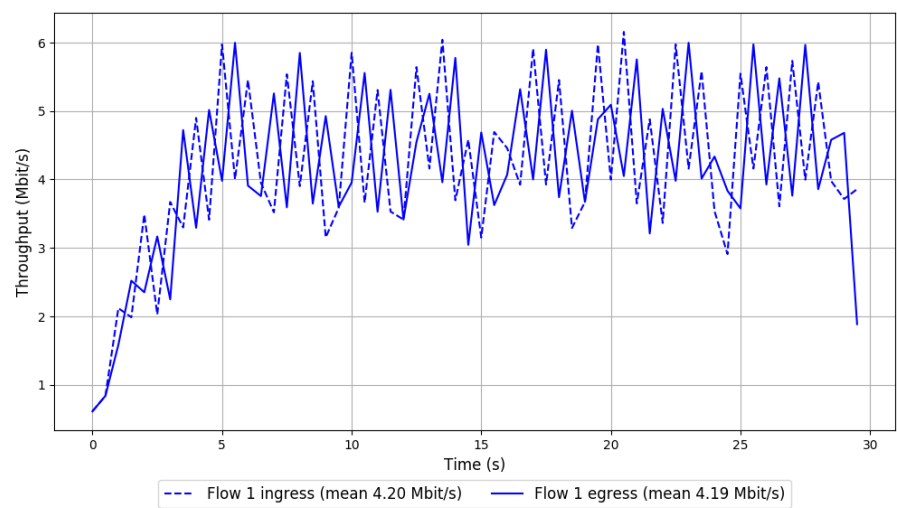


Run 10: Statistics of Sprout

Start at: 2018-02-03 14:50:56  
End at: 2018-02-03 14:51:26  
Local clock offset: -0.007 ms  
Remote clock offset: -1.207 ms

# Below is generated by plot.py at 2018-02-03 18:30:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.19 Mbit/s  
95th percentile per-packet one-way delay: 93.921 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 4.19 Mbit/s  
95th percentile per-packet one-way delay: 93.921 ms  
Loss rate: 0.79%

Run 10: Report of Sprout — Data Link



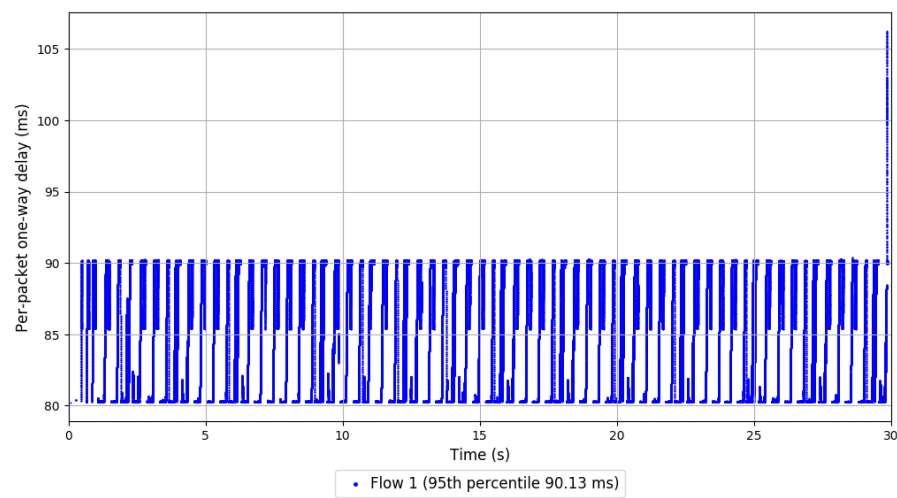
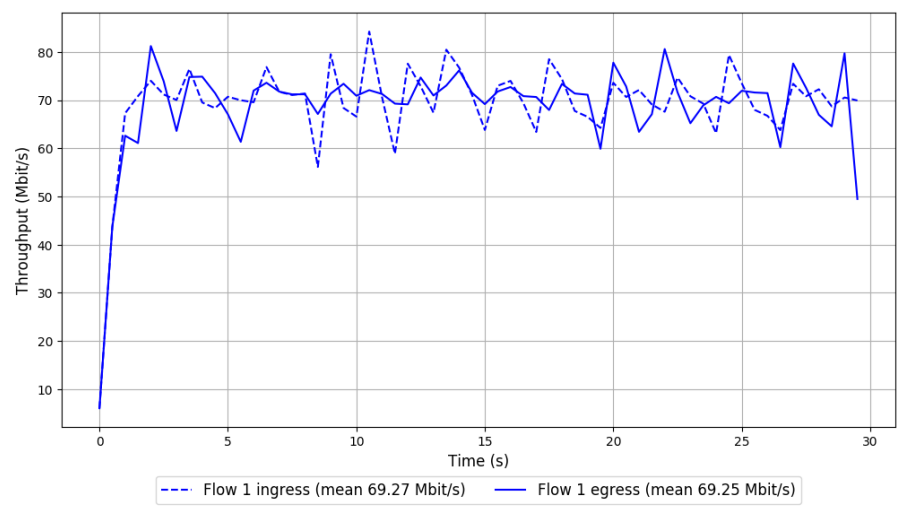
```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-03 11:37:20
End at: 2018-02-03 11:37:50
Local clock offset: -0.199 ms
Remote clock offset: -0.519 ms

# Below is generated by plot.py at 2018-02-03 18:31:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 90.134 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 69.25 Mbit/s
95th percentile per-packet one-way delay: 90.134 ms
Loss rate: 0.66%
```



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

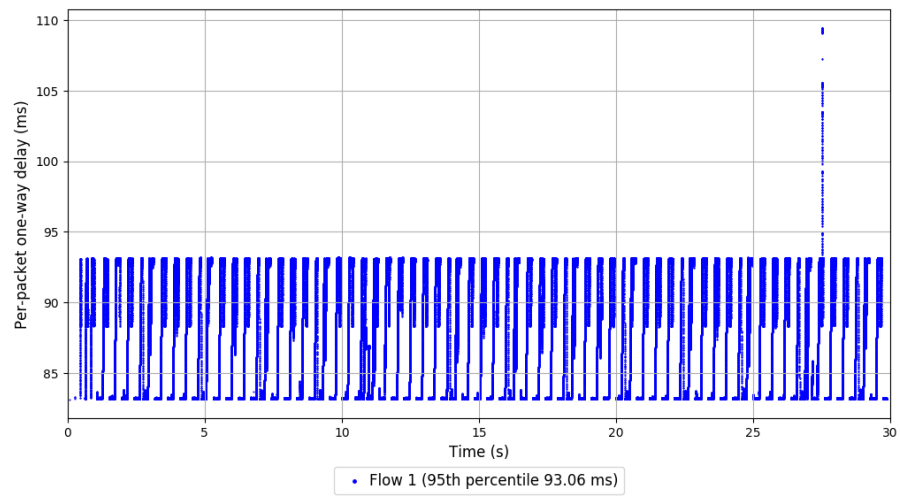
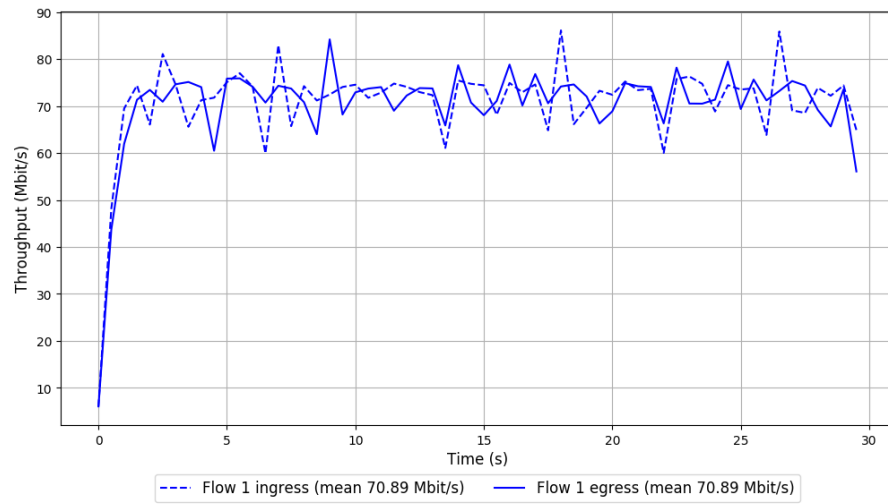


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-03 11:58:17  
End at: 2018-02-03 11:58:47  
Local clock offset: -0.203 ms  
Remote clock offset: -1.707 ms

# Below is generated by plot.py at 2018-02-03 18:31:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.89 Mbit/s  
95th percentile per-packet one-way delay: 93.063 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 70.89 Mbit/s  
95th percentile per-packet one-way delay: 93.063 ms  
Loss rate: 0.63%

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

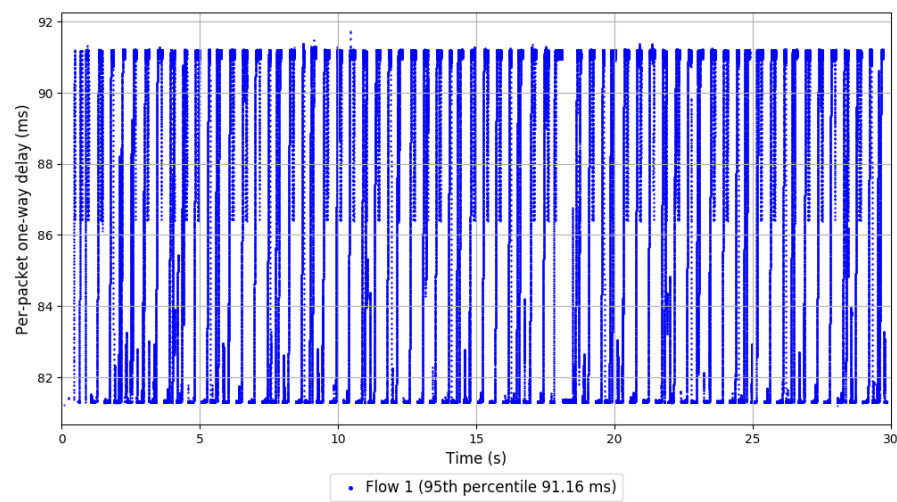
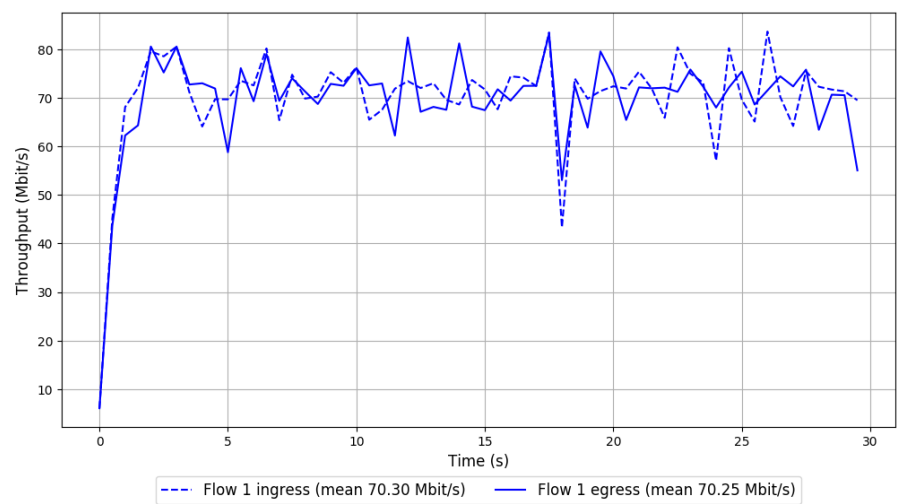


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-03 12:19:16  
End at: 2018-02-03 12:19:46  
Local clock offset: -0.223 ms  
Remote clock offset: -1.896 ms

# Below is generated by plot.py at 2018-02-03 18:31:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.25 Mbit/s  
95th percentile per-packet one-way delay: 91.159 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 70.25 Mbit/s  
95th percentile per-packet one-way delay: 91.159 ms  
Loss rate: 0.71%

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

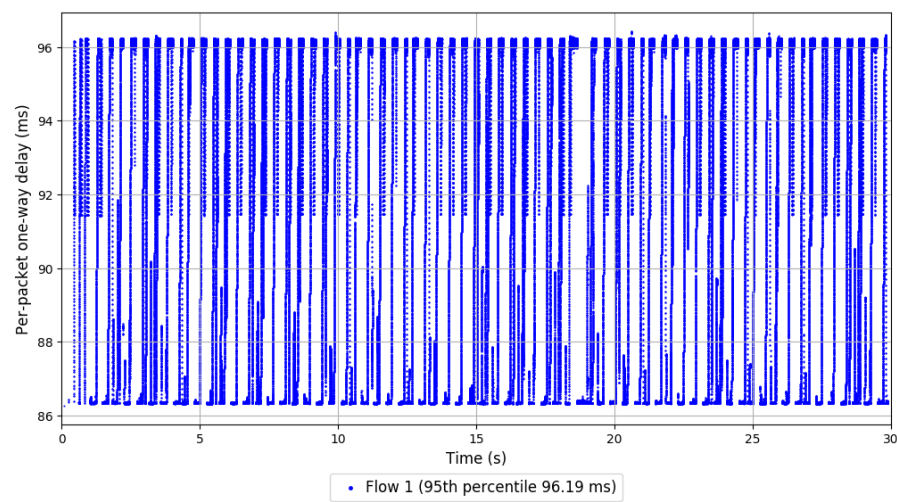
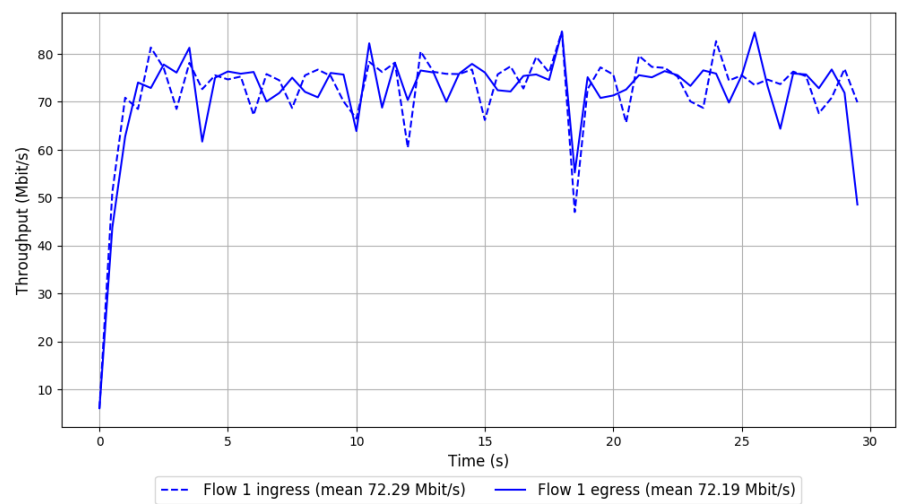


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-03 12:40:13  
End at: 2018-02-03 12:40:43  
Local clock offset: -0.228 ms  
Remote clock offset: -6.936 ms

# Below is generated by plot.py at 2018-02-03 18:32:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.19 Mbit/s  
95th percentile per-packet one-way delay: 96.189 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 72.19 Mbit/s  
95th percentile per-packet one-way delay: 96.189 ms  
Loss rate: 0.77%

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



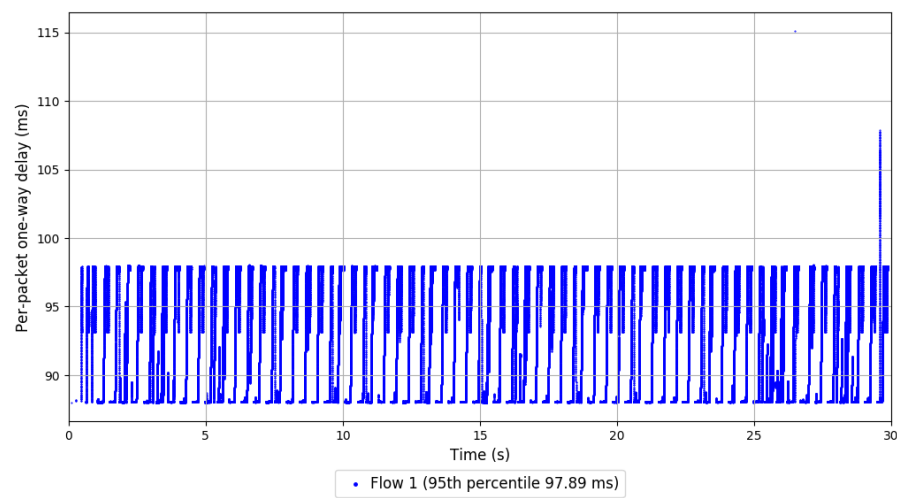
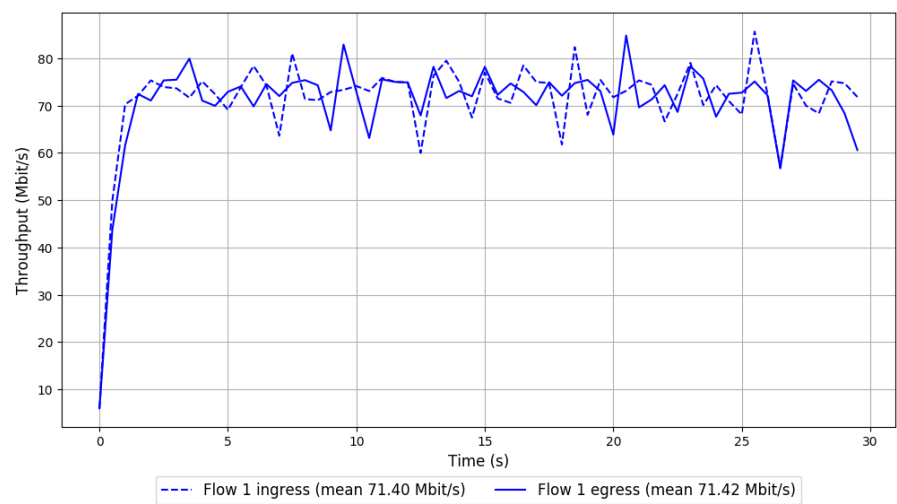
Run 5: Statistics of TaoVA-100x

Start at: 2018-02-03 13:01:11  
End at: 2018-02-03 13:01:41  
Local clock offset: -0.229 ms  
Remote clock offset: -6.982 ms

# Below is generated by plot.py at 2018-02-03 18:32:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.42 Mbit/s  
95th percentile per-packet one-way delay: 97.893 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 71.42 Mbit/s  
95th percentile per-packet one-way delay: 97.893 ms  
Loss rate: 0.63%



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



Run 6: Statistics of TaoVA-100x

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

End at: 2018-02-03 13:22:38

Local clock offset: -0.119 ms

Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-02-03 18:32:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 68.97 Mbit/s

95th percentile per-packet one-way delay: 91.828 ms

Loss rate: 0.58%

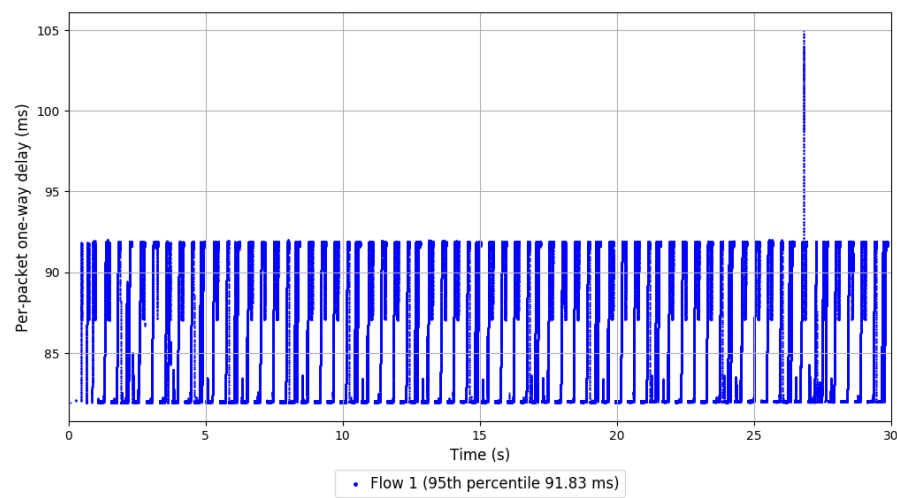
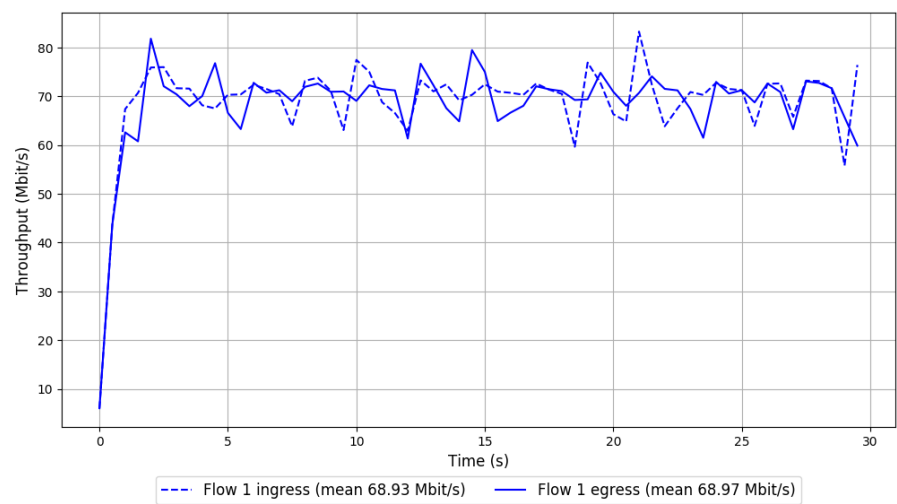
-- Flow 1:

Average throughput: 68.97 Mbit/s

95th percentile per-packet one-way delay: 91.828 ms

Loss rate: 0.58%

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

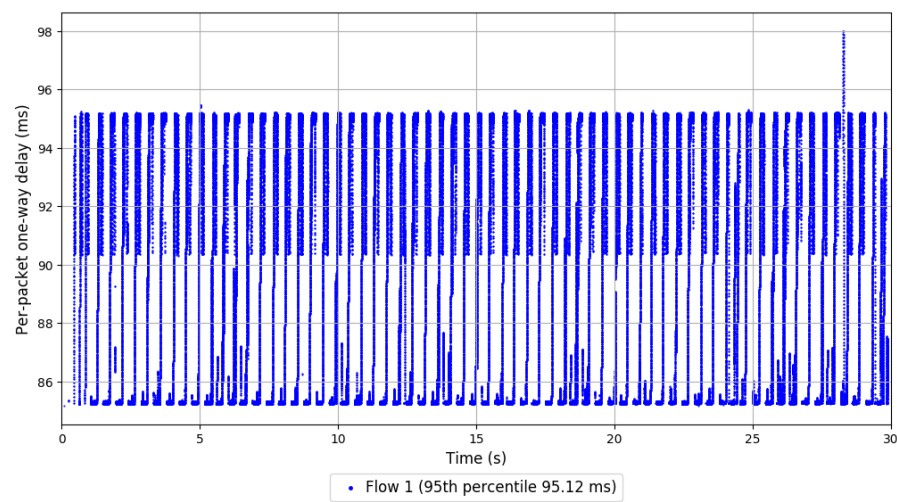
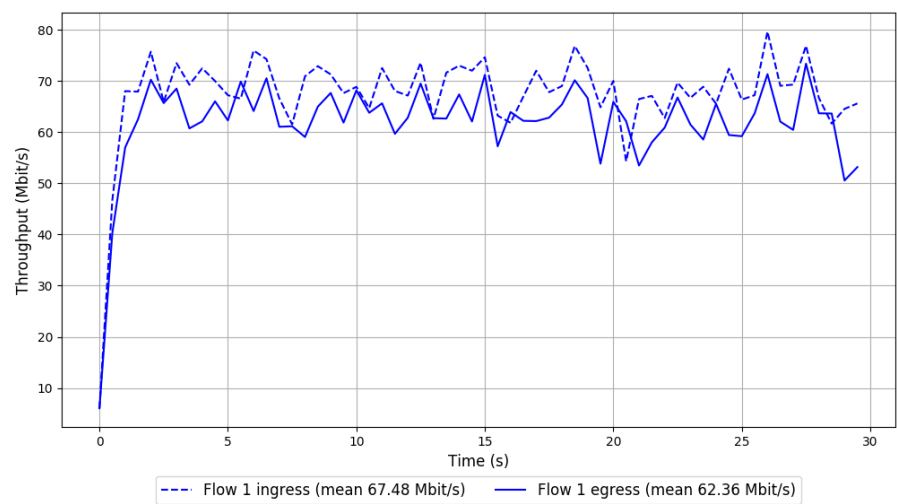


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-03 13:43:08  
End at: 2018-02-03 13:43:38  
Local clock offset: -0.178 ms  
Remote clock offset: -4.335 ms

# Below is generated by plot.py at 2018-02-03 18:32:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 62.36 Mbit/s  
95th percentile per-packet one-way delay: 95.117 ms  
Loss rate: 8.15%  
-- Flow 1:  
Average throughput: 62.36 Mbit/s  
95th percentile per-packet one-way delay: 95.117 ms  
Loss rate: 8.15%

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

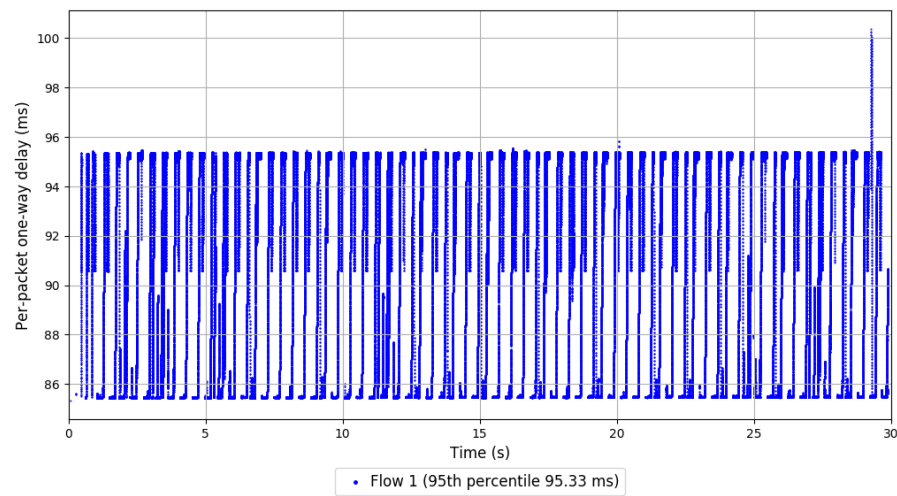
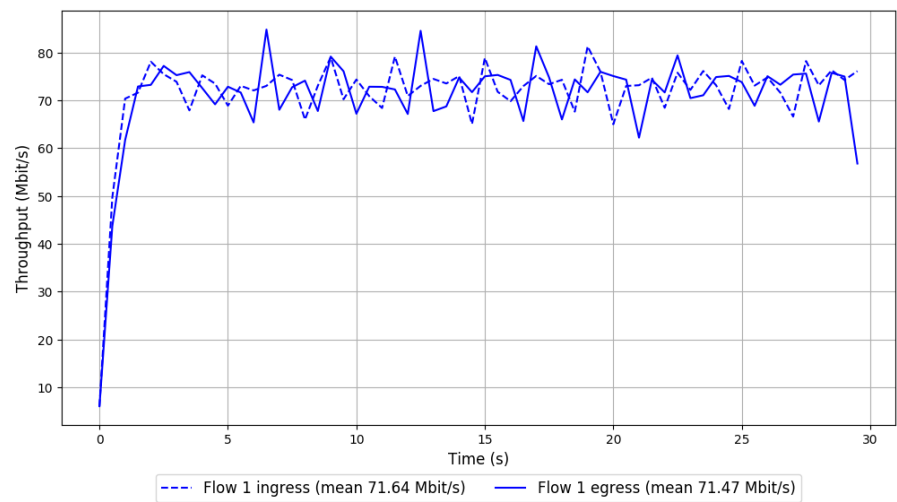


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-03 14:04:09  
End at: 2018-02-03 14:04:39  
Local clock offset: -0.127 ms  
Remote clock offset: -3.082 ms

# Below is generated by plot.py at 2018-02-03 18:32:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.47 Mbit/s  
95th percentile per-packet one-way delay: 95.325 ms  
Loss rate: 0.86%  
-- Flow 1:  
Average throughput: 71.47 Mbit/s  
95th percentile per-packet one-way delay: 95.325 ms  
Loss rate: 0.86%

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



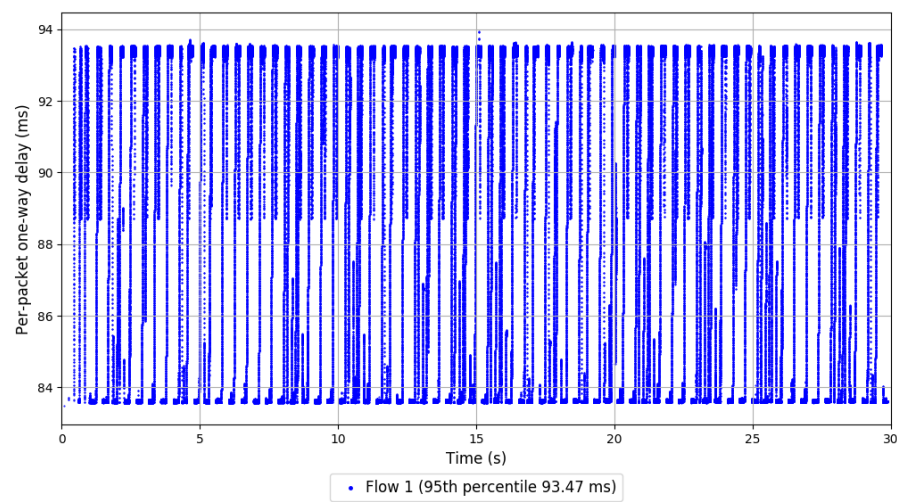
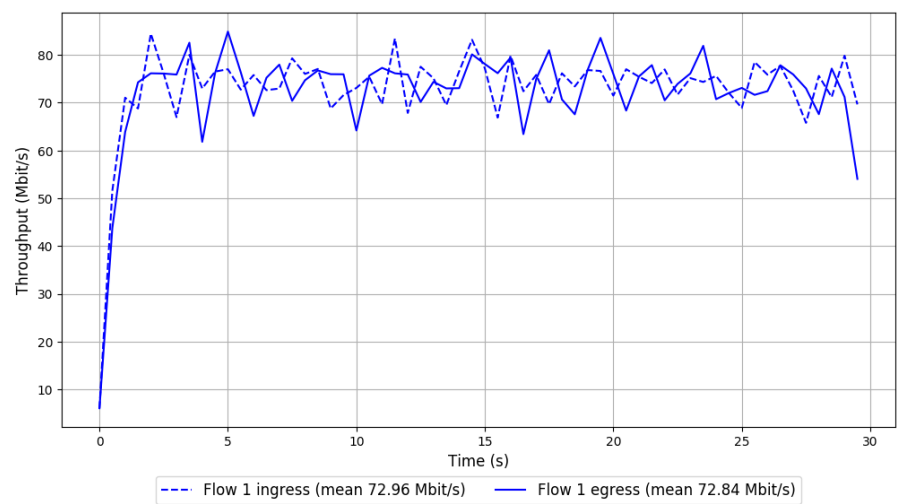
Run 9: Statistics of TaoVA-100x

Start at: 2018-02-03 14:25:05  
End at: 2018-02-03 14:25:35  
Local clock offset: -0.074 ms  
Remote clock offset: -1.979 ms

# Below is generated by plot.py at 2018-02-03 18:33:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.84 Mbit/s  
95th percentile per-packet one-way delay: 93.466 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 72.84 Mbit/s  
95th percentile per-packet one-way delay: 93.466 ms  
Loss rate: 0.76%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-03 14:46:02

End at: 2018-02-03 14:46:32

Local clock offset: -0.017 ms

Remote clock offset: -1.364 ms

# Below is generated by plot.py at 2018-02-03 18:33:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 96.612 ms

Loss rate: 0.74%

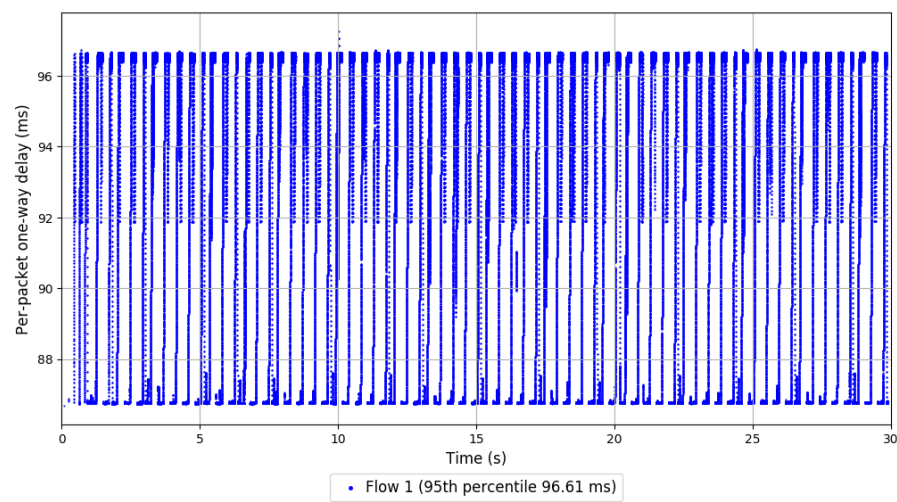
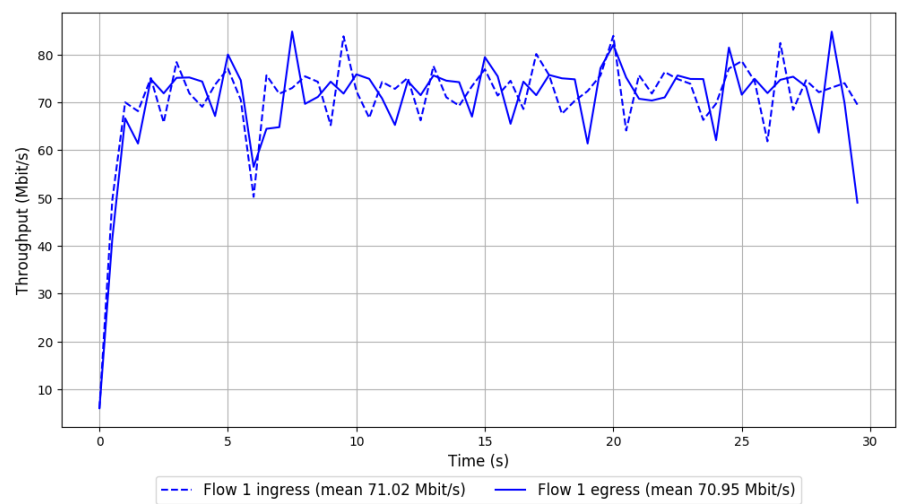
-- Flow 1:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 96.612 ms

Loss rate: 0.74%

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

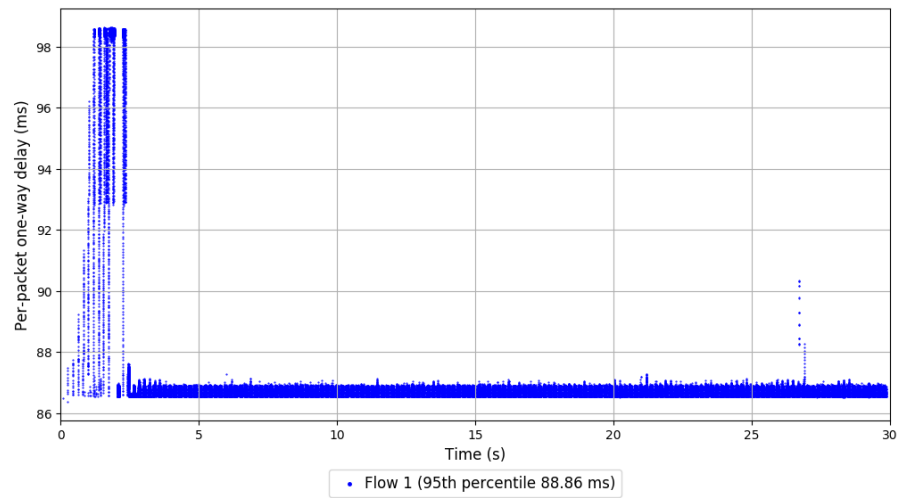
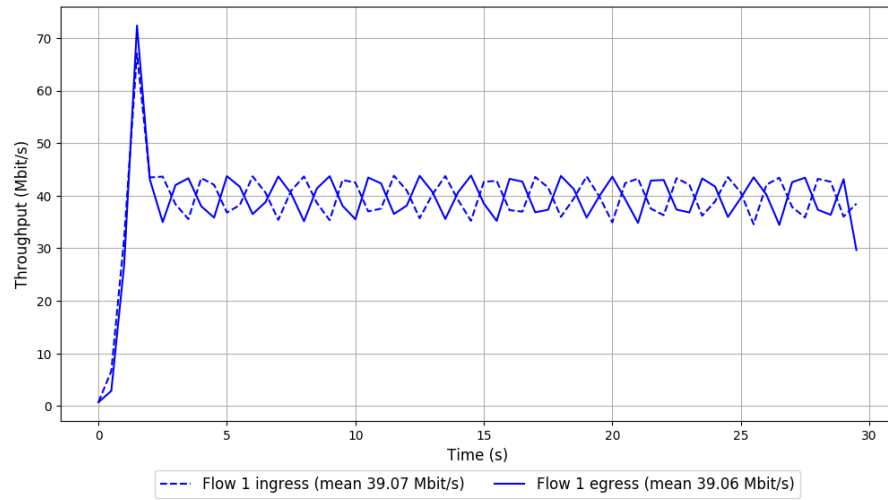


Run 1: Statistics of TCP Vegas

Start at: 2018-02-03 11:29:58  
End at: 2018-02-03 11:30:28  
Local clock offset: -0.202 ms  
Remote clock offset: -6.083 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 39.06 Mbit/s  
95th percentile per-packet one-way delay: 88.855 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 39.06 Mbit/s  
95th percentile per-packet one-way delay: 88.855 ms  
Loss rate: 0.62%

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

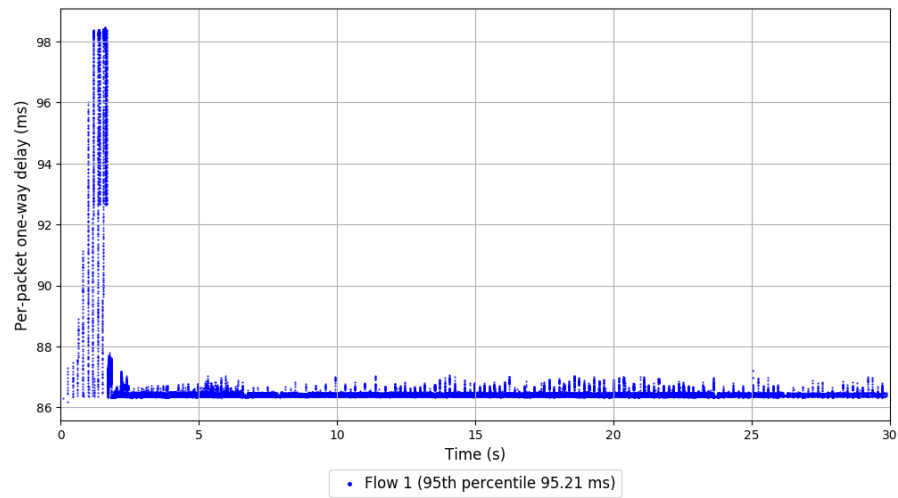
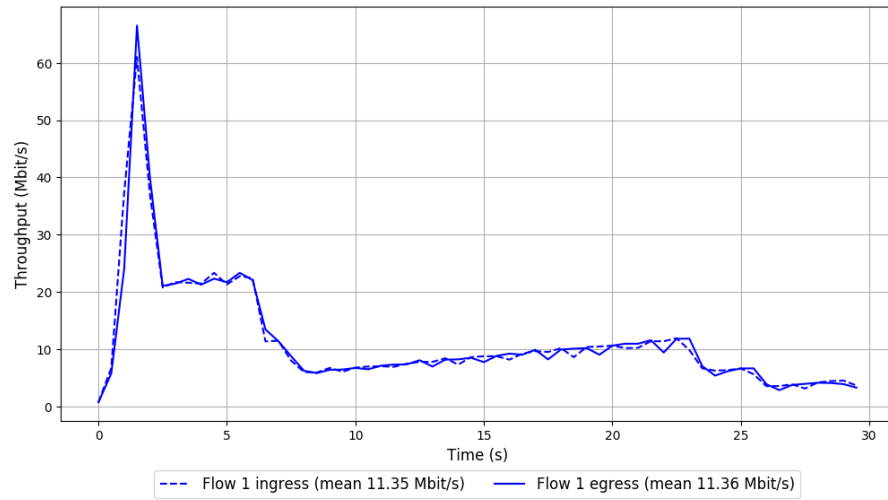


Run 2: Statistics of TCP Vegas

Start at: 2018-02-03 11:50:56  
End at: 2018-02-03 11:51:26  
Local clock offset: -0.213 ms  
Remote clock offset: -6.482 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.36 Mbit/s  
95th percentile per-packet one-way delay: 95.210 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 11.36 Mbit/s  
95th percentile per-packet one-way delay: 95.210 ms  
Loss rate: 0.51%

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



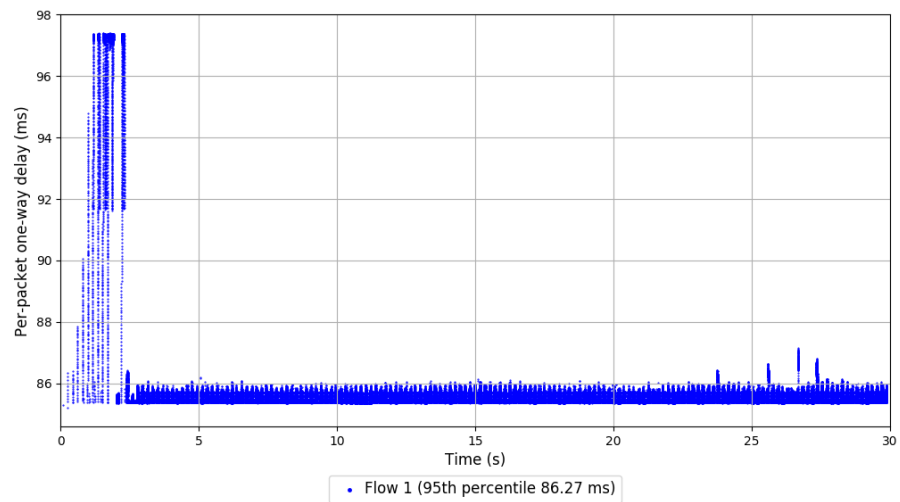
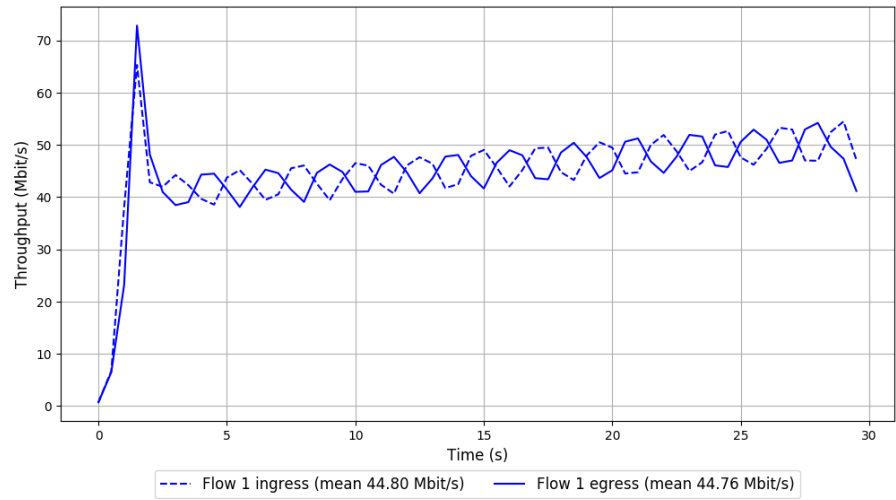
Run 3: Statistics of TCP Vegas

Start at: 2018-02-03 12:11:52  
End at: 2018-02-03 12:12:22  
Local clock offset: -0.297 ms  
Remote clock offset: -5.799 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.76 Mbit/s  
95th percentile per-packet one-way delay: 86.267 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 44.76 Mbit/s  
95th percentile per-packet one-way delay: 86.267 ms  
Loss rate: 0.68%



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

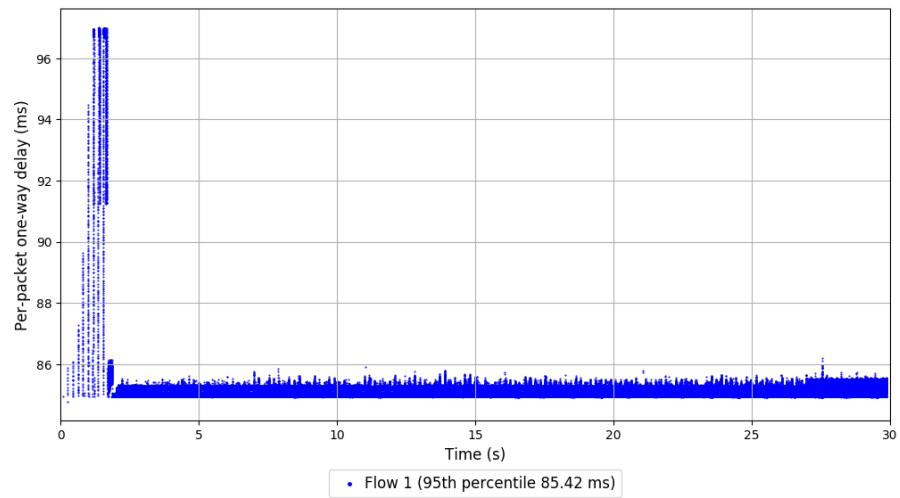
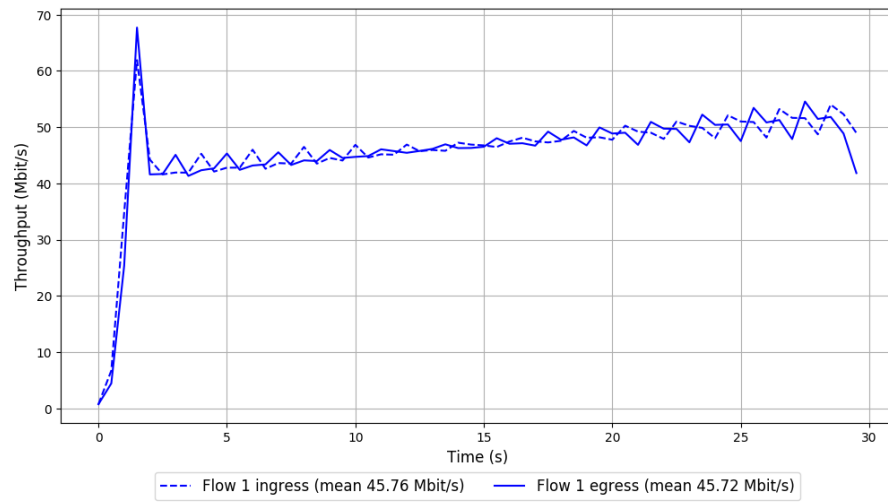


Run 4: Statistics of TCP Vegas

Start at: 2018-02-03 12:32:50  
End at: 2018-02-03 12:33:20  
Local clock offset: -0.247 ms  
Remote clock offset: -6.994 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.72 Mbit/s  
95th percentile per-packet one-way delay: 85.423 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 45.72 Mbit/s  
95th percentile per-packet one-way delay: 85.423 ms  
Loss rate: 0.69%

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

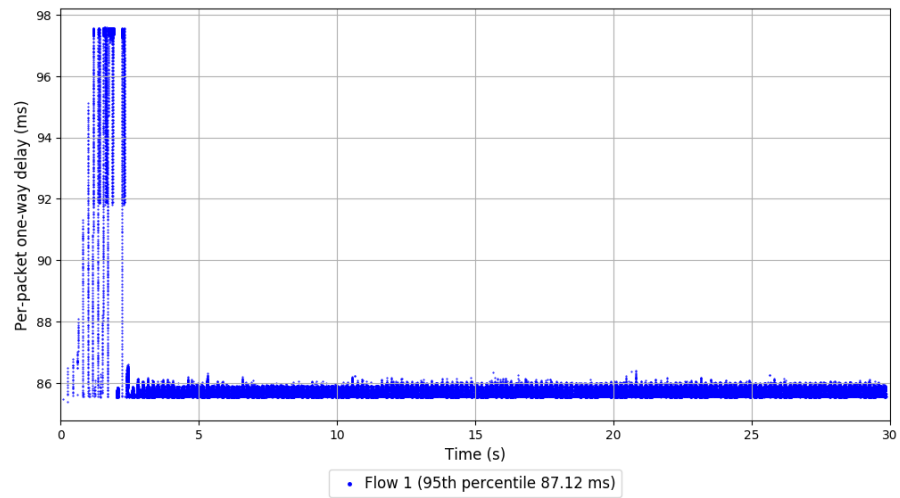
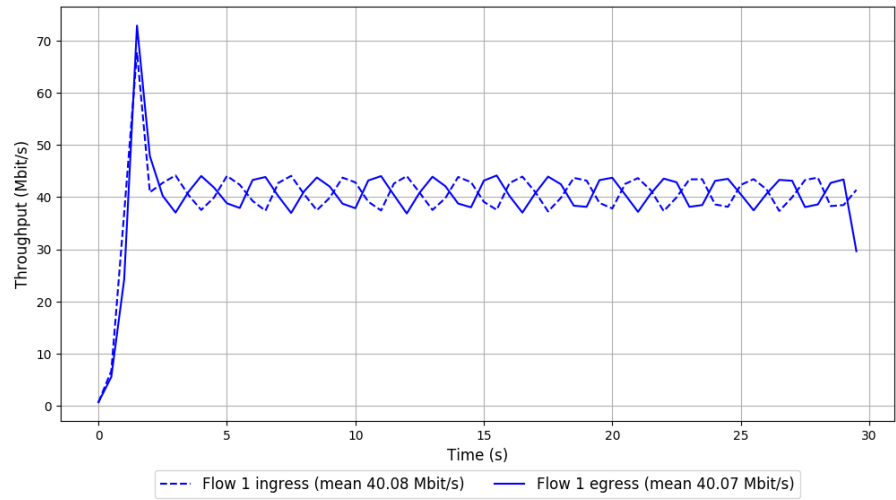


Run 5: Statistics of TCP Vegas

Start at: 2018-02-03 12:53:48  
End at: 2018-02-03 12:54:18  
Local clock offset: -0.212 ms  
Remote clock offset: -6.188 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.07 Mbit/s  
95th percentile per-packet one-way delay: 87.117 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 40.07 Mbit/s  
95th percentile per-packet one-way delay: 87.117 ms  
Loss rate: 0.61%

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

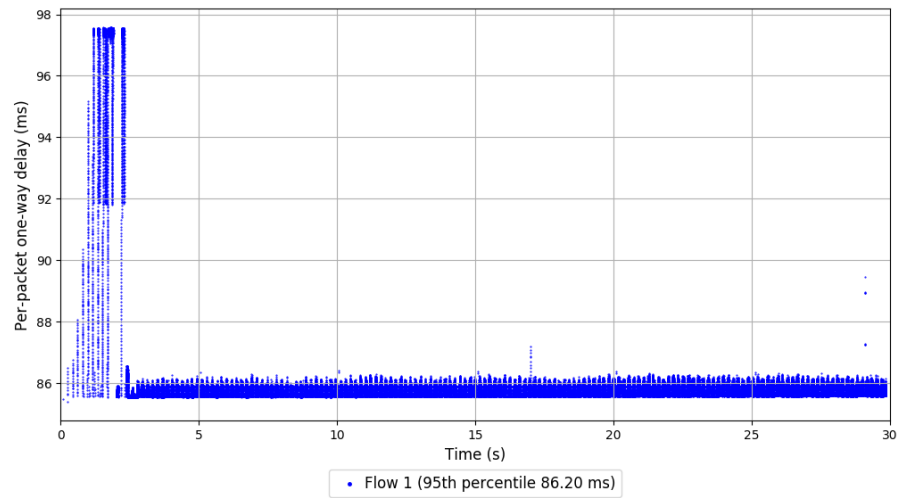
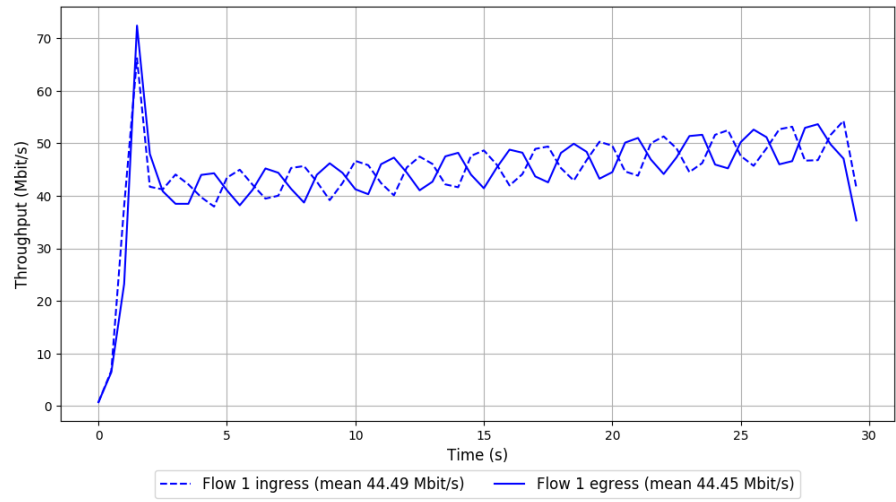


Run 6: Statistics of TCP Vegas

Start at: 2018-02-03 13:14:45  
End at: 2018-02-03 13:15:15  
Local clock offset: -0.156 ms  
Remote clock offset: -5.405 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.45 Mbit/s  
95th percentile per-packet one-way delay: 86.198 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 44.45 Mbit/s  
95th percentile per-packet one-way delay: 86.198 ms  
Loss rate: 0.68%

# Run 6: Report of TCP Vegas — Data Link



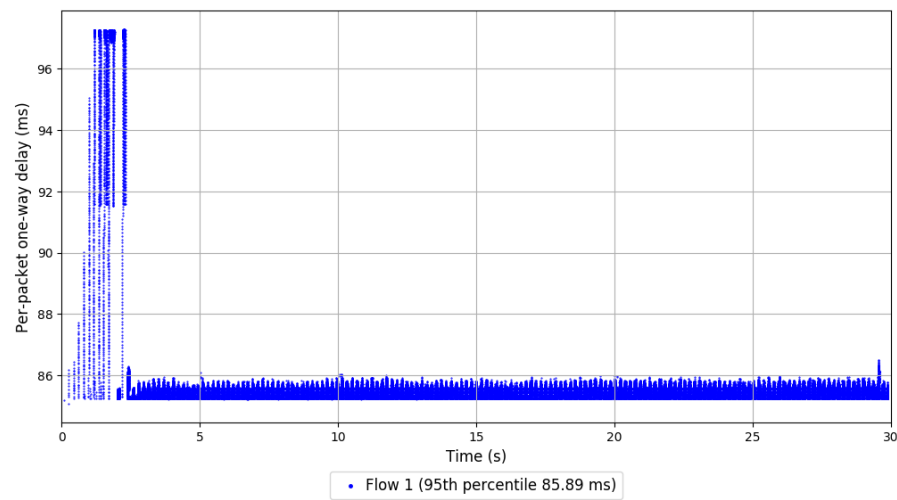
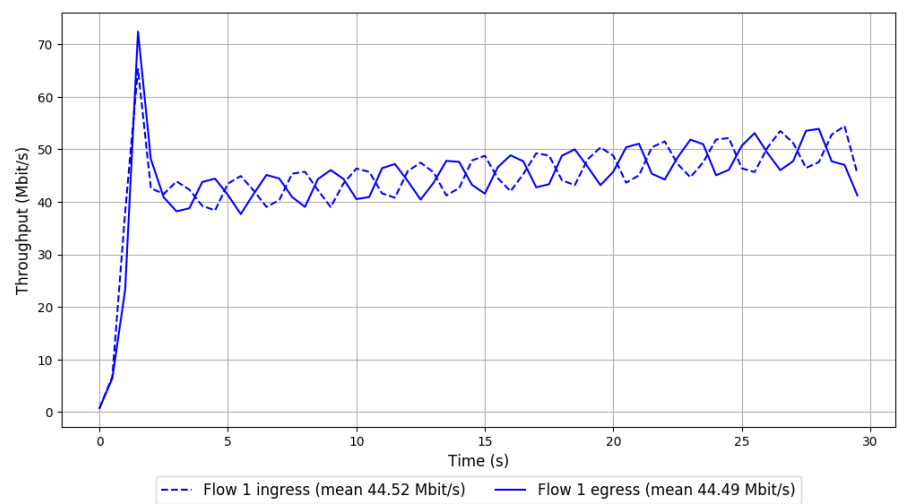
Run 7: Statistics of TCP Vegas

Start at: 2018-02-03 13:35:46  
End at: 2018-02-03 13:36:16  
Local clock offset: -0.204 ms  
Remote clock offset: -4.521 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.49 Mbit/s  
95th percentile per-packet one-way delay: 85.893 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 44.49 Mbit/s  
95th percentile per-packet one-way delay: 85.893 ms  
Loss rate: 0.68%



Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-03 13:56:46

End at: 2018-02-03 13:57:16

Local clock offset: -0.126 ms

Remote clock offset: 1.083 ms

# Below is generated by plot.py at 2018-02-03 18:33:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 46.03 Mbit/s

95th percentile per-packet one-way delay: 81.393 ms

Loss rate: 0.69%

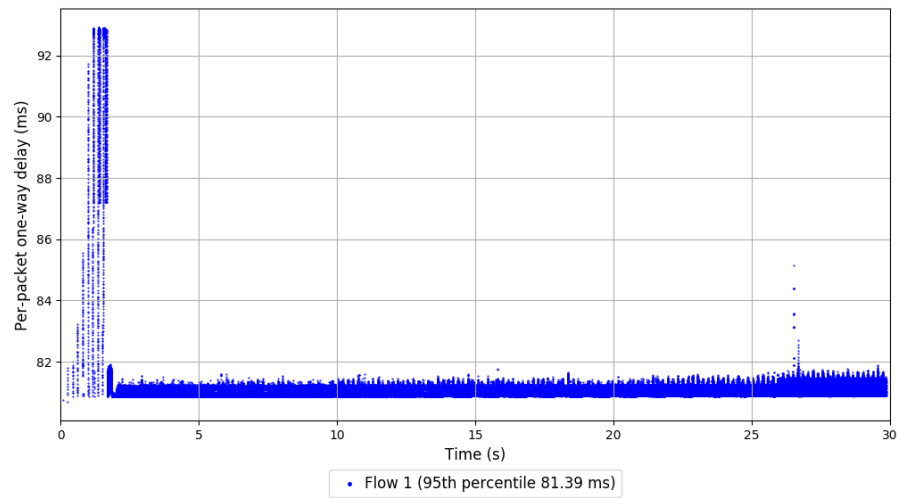
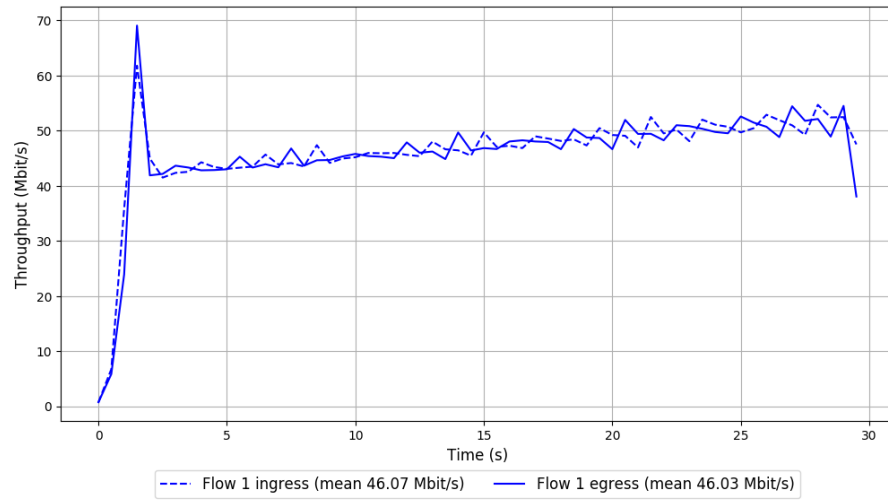
-- Flow 1:

Average throughput: 46.03 Mbit/s

95th percentile per-packet one-way delay: 81.393 ms

Loss rate: 0.69%

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

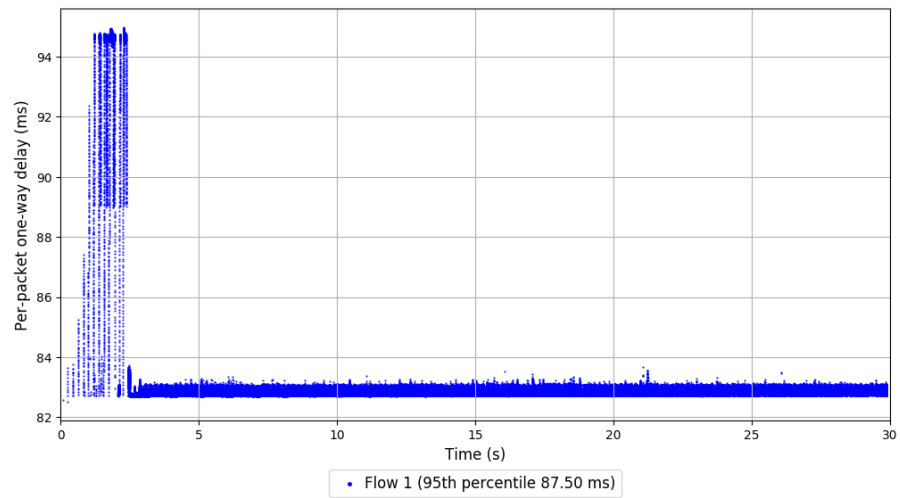
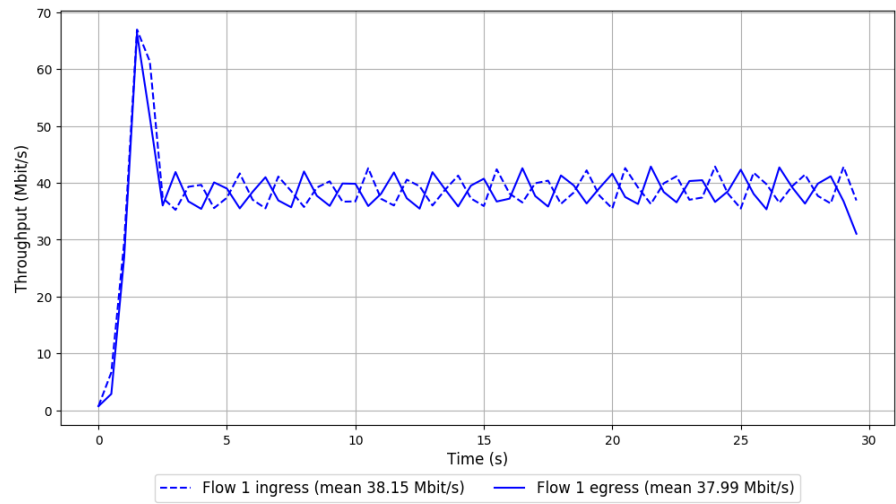


Run 9: Statistics of TCP Vegas

Start at: 2018-02-03 14:17:43  
End at: 2018-02-03 14:18:13  
Local clock offset: -0.129 ms  
Remote clock offset: -1.494 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 37.99 Mbit/s  
95th percentile per-packet one-way delay: 87.496 ms  
Loss rate: 1.02%  
-- Flow 1:  
Average throughput: 37.99 Mbit/s  
95th percentile per-packet one-way delay: 87.496 ms  
Loss rate: 1.02%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-02-03 14:38:40

End at: 2018-02-03 14:39:10

Local clock offset: -0.052 ms

Remote clock offset: -1.54 ms

# Below is generated by plot.py at 2018-02-03 18:33:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 21.05 Mbit/s

95th percentile per-packet one-way delay: 95.307 ms

Loss rate: 0.30%

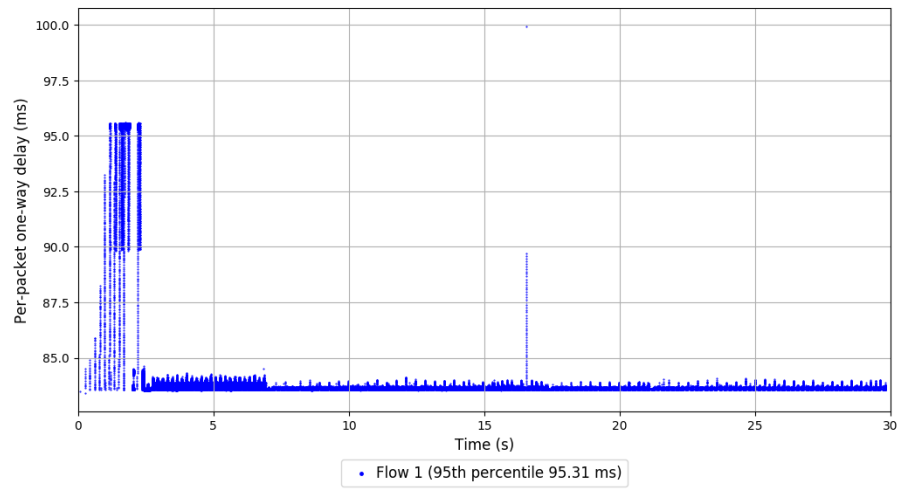
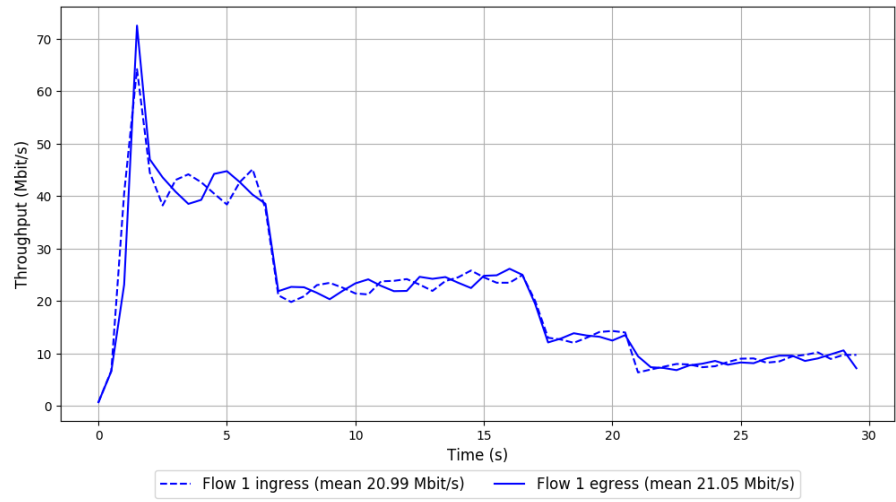
-- Flow 1:

Average throughput: 21.05 Mbit/s

95th percentile per-packet one-way delay: 95.307 ms

Loss rate: 0.30%

# Run 10: Report of TCP Vegas — Data Link



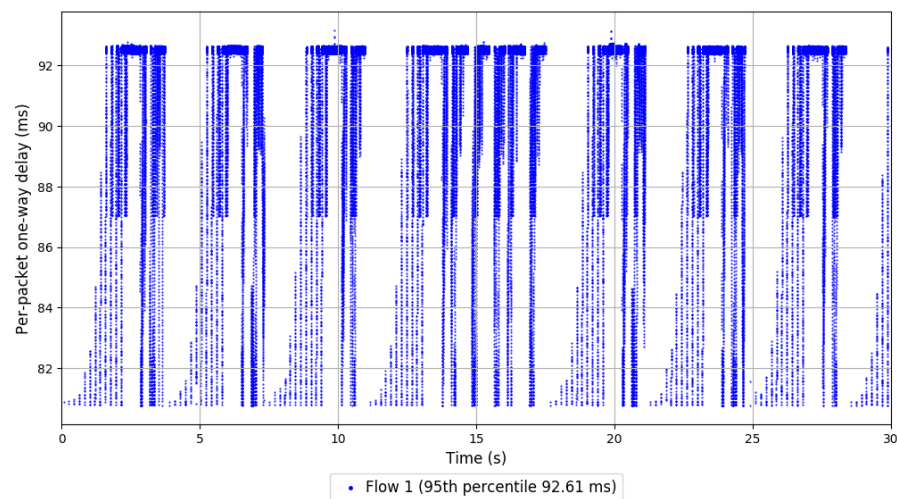
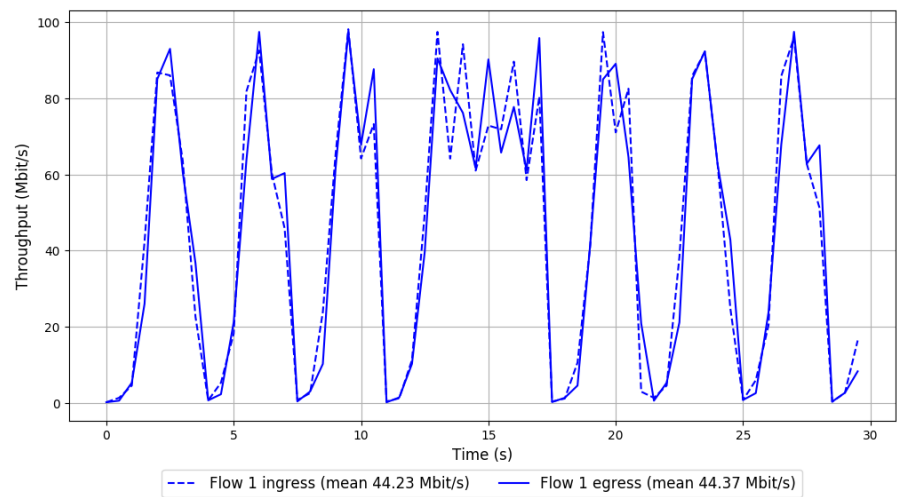
Run 1: Statistics of Verus

Start at: 2018-02-03 11:26:14  
End at: 2018-02-03 11:26:44  
Local clock offset: -0.24 ms  
Remote clock offset: -0.276 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.37 Mbit/s  
95th percentile per-packet one-way delay: 92.611 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 44.37 Mbit/s  
95th percentile per-packet one-way delay: 92.611 ms  
Loss rate: 0.31%



Run 1: Report of Verus — Data Link

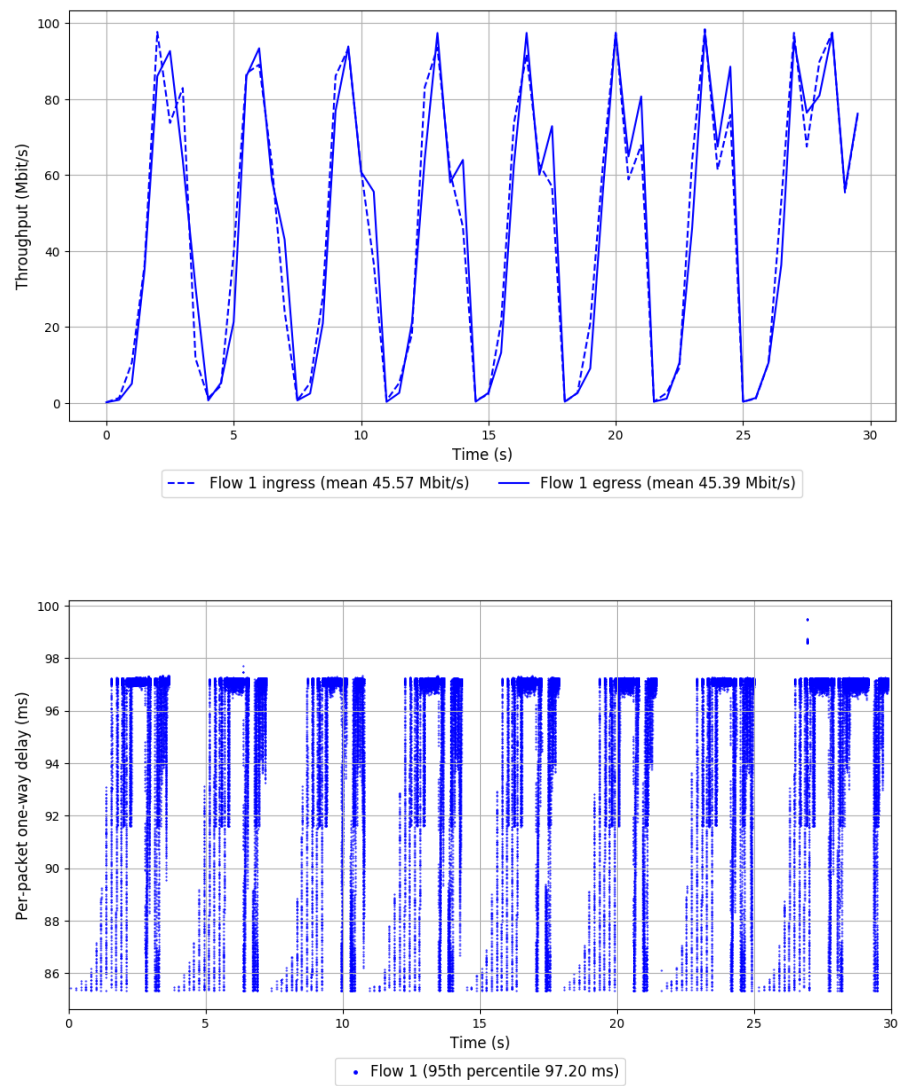


Run 2: Statistics of Verus

Start at: 2018-02-03 11:47:12  
End at: 2018-02-03 11:47:42  
Local clock offset: -0.188 ms  
Remote clock offset: -5.594 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.39 Mbit/s  
95th percentile per-packet one-way delay: 97.201 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 45.39 Mbit/s  
95th percentile per-packet one-way delay: 97.201 ms  
Loss rate: 0.66%

Run 2: Report of Verus — Data Link

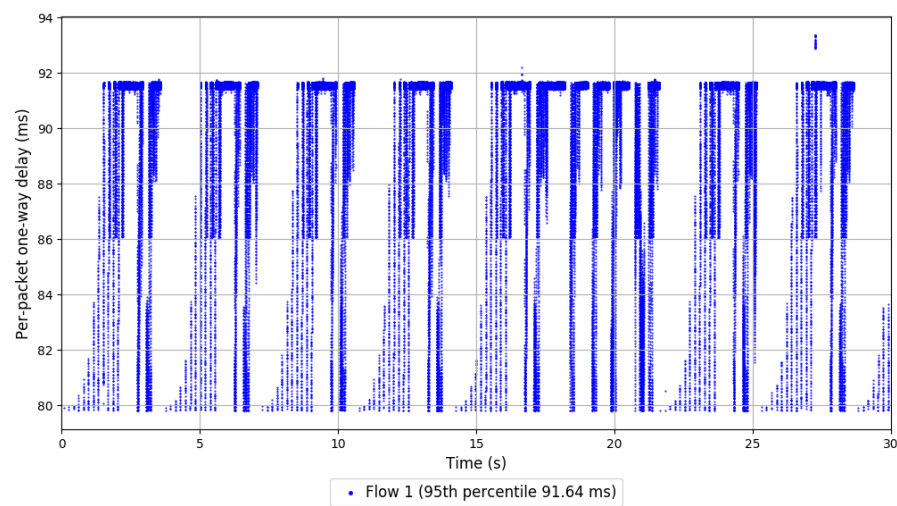
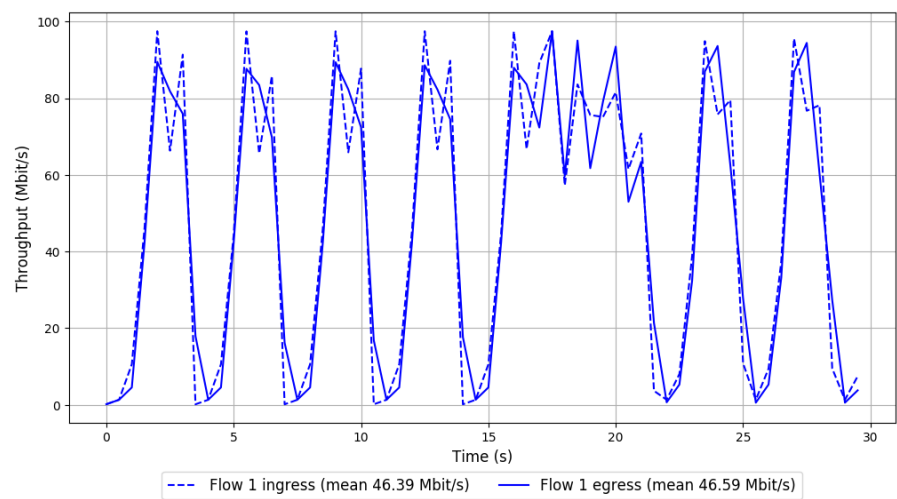


Run 3: Statistics of Verus

Start at: 2018-02-03 12:08:09  
End at: 2018-02-03 12:08:39  
Local clock offset: -0.302 ms  
Remote clock offset: -1.897 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 46.59 Mbit/s  
95th percentile per-packet one-way delay: 91.640 ms  
Loss rate: 0.16%  
-- Flow 1:  
Average throughput: 46.59 Mbit/s  
95th percentile per-packet one-way delay: 91.640 ms  
Loss rate: 0.16%

Run 3: Report of Verus — Data Link

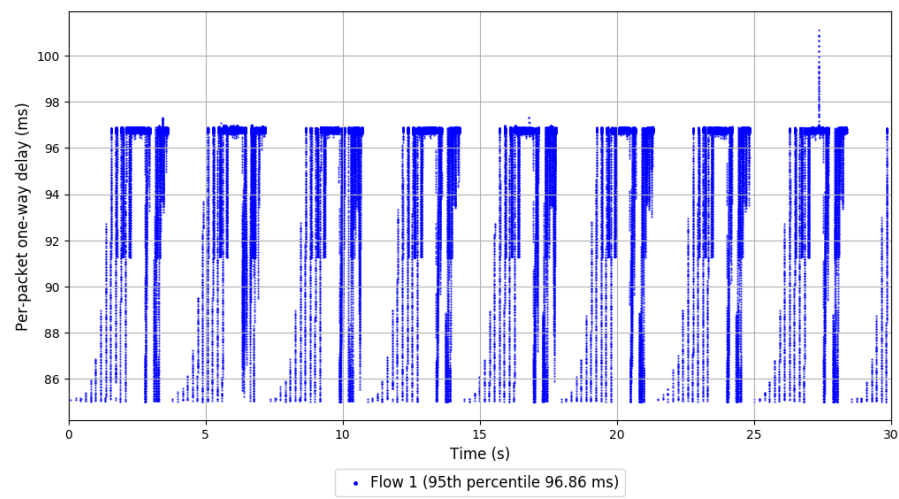
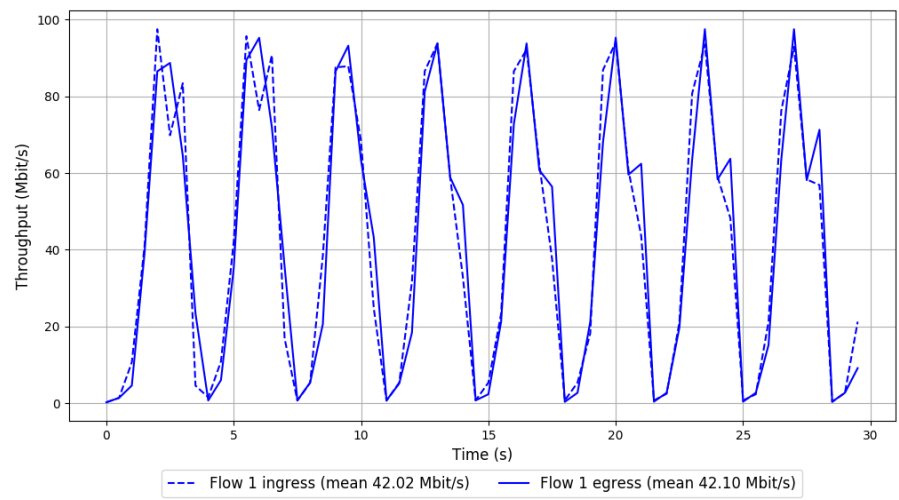


Run 4: Statistics of Verus

Start at: 2018-02-03 12:29:07  
End at: 2018-02-03 12:29:37  
Local clock offset: -0.31 ms  
Remote clock offset: -5.999 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.10 Mbit/s  
95th percentile per-packet one-way delay: 96.863 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 42.10 Mbit/s  
95th percentile per-packet one-way delay: 96.863 ms  
Loss rate: 0.48%

Run 4: Report of Verus — Data Link



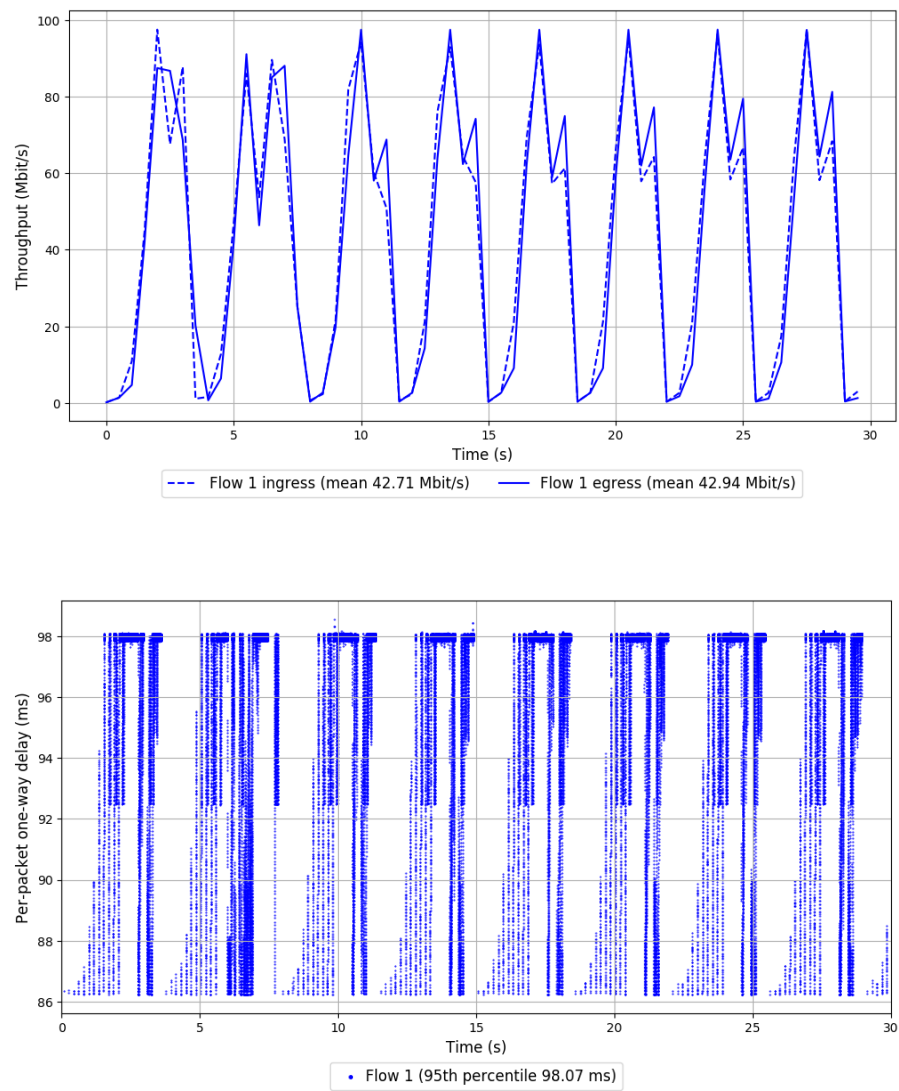
Run 5: Statistics of Verus

Start at: 2018-02-03 12:50:05  
End at: 2018-02-03 12:50:35  
Local clock offset: -0.213 ms  
Remote clock offset: -6.931 ms

# Below is generated by plot.py at 2018-02-03 18:33:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.94 Mbit/s  
95th percentile per-packet one-way delay: 98.066 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 42.94 Mbit/s  
95th percentile per-packet one-way delay: 98.066 ms  
Loss rate: 0.07%



Run 5: Report of Verus — Data Link

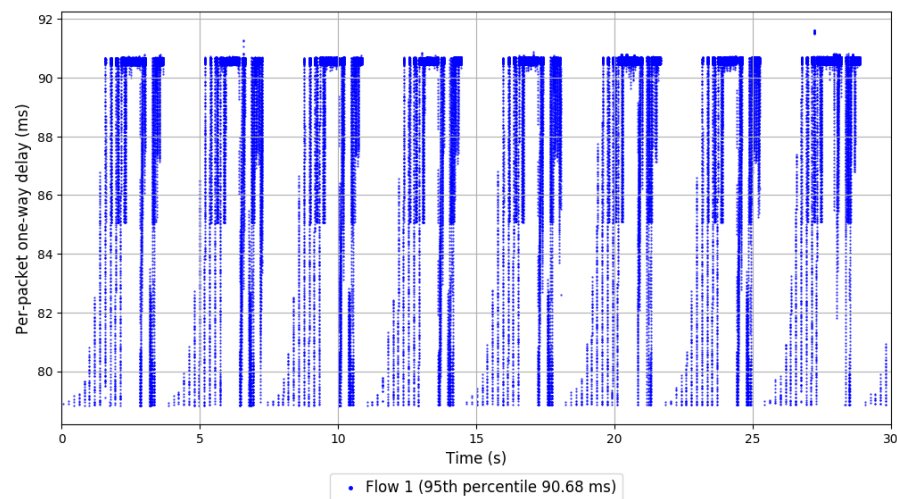
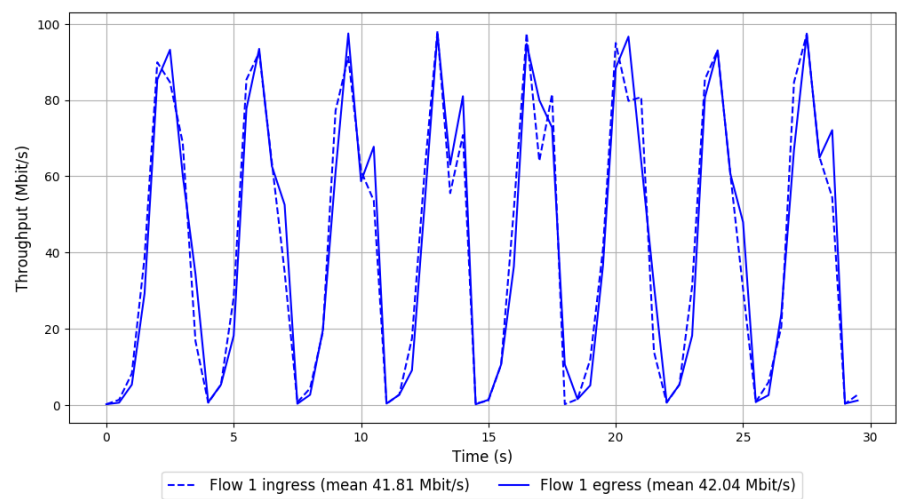


Run 6: Statistics of Verus

Start at: 2018-02-03 13:11:02  
End at: 2018-02-03 13:11:32  
Local clock offset: -0.208 ms  
Remote clock offset: -0.862 ms

# Below is generated by plot.py at 2018-02-03 18:33:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.04 Mbit/s  
95th percentile per-packet one-way delay: 90.676 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 42.04 Mbit/s  
95th percentile per-packet one-way delay: 90.676 ms  
Loss rate: 0.06%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-03 13:32:02

End at: 2018-02-03 13:32:32

Local clock offset: -0.188 ms

Remote clock offset: 0.182 ms

# Below is generated by plot.py at 2018-02-03 18:34:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.77 Mbit/s

95th percentile per-packet one-way delay: 91.021 ms

Loss rate: 0.06%

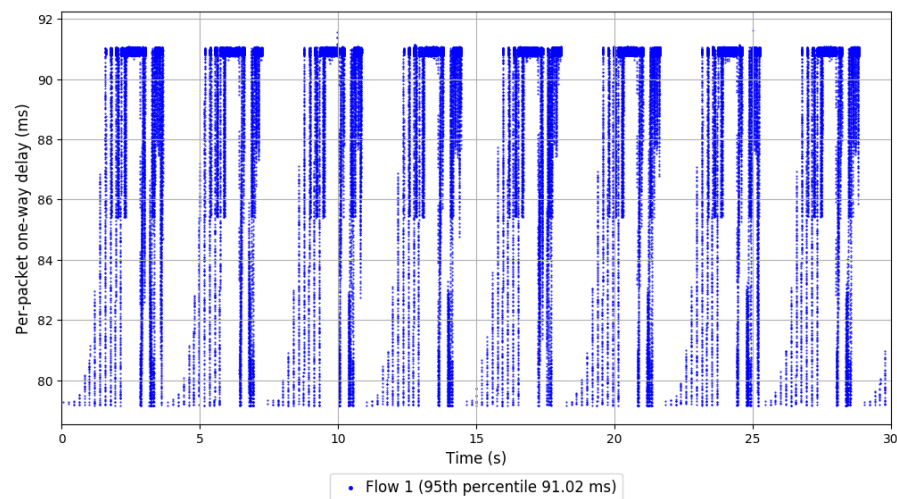
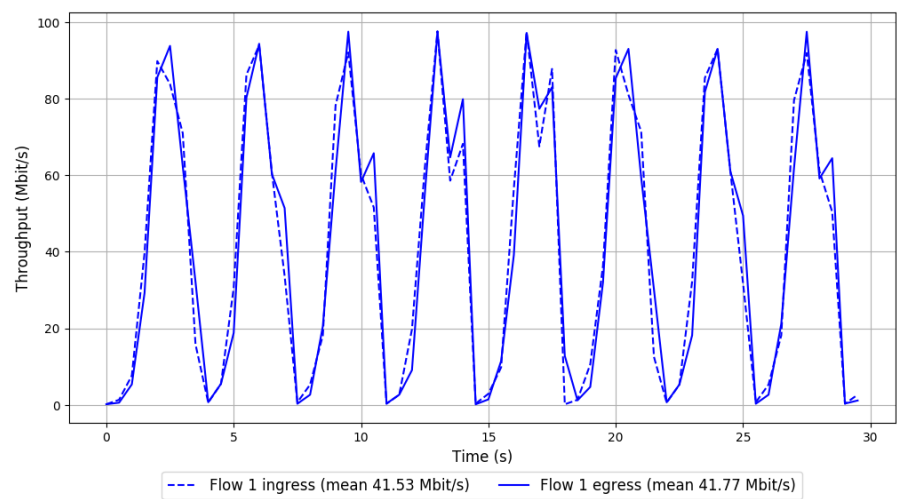
-- Flow 1:

Average throughput: 41.77 Mbit/s

95th percentile per-packet one-way delay: 91.021 ms

Loss rate: 0.06%

Run 7: Report of Verus — Data Link

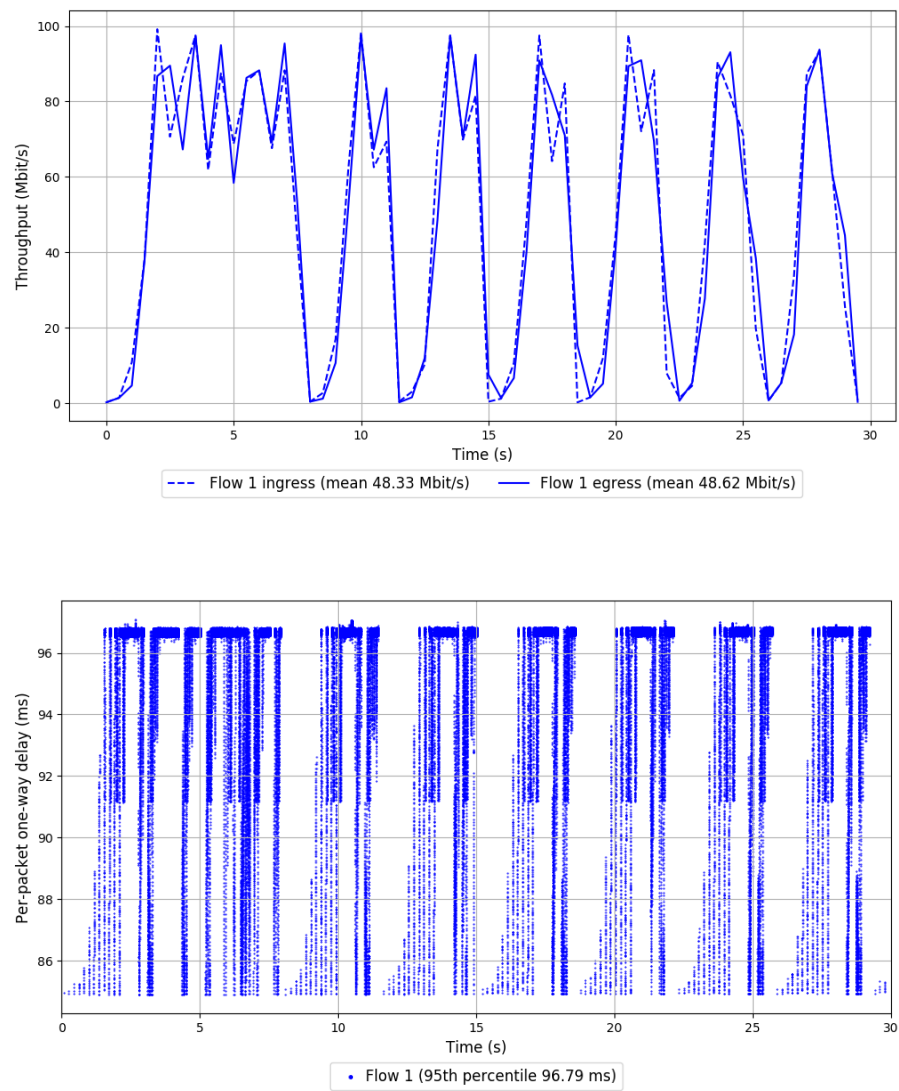


Run 8: Statistics of Verus

Start at: 2018-02-03 13:53:03  
End at: 2018-02-03 13:53:33  
Local clock offset: -0.107 ms  
Remote clock offset: -4.876 ms

# Below is generated by plot.py at 2018-02-03 18:34:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.62 Mbit/s  
95th percentile per-packet one-way delay: 96.787 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 48.62 Mbit/s  
95th percentile per-packet one-way delay: 96.787 ms  
Loss rate: 0.01%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-03 14:14:00

End at: 2018-02-03 14:14:30

Local clock offset: -0.168 ms

Remote clock offset: 2.873 ms

# Below is generated by plot.py at 2018-02-03 18:34:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.63 Mbit/s

95th percentile per-packet one-way delay: 91.652 ms

Loss rate: 0.24%

-- Flow 1:

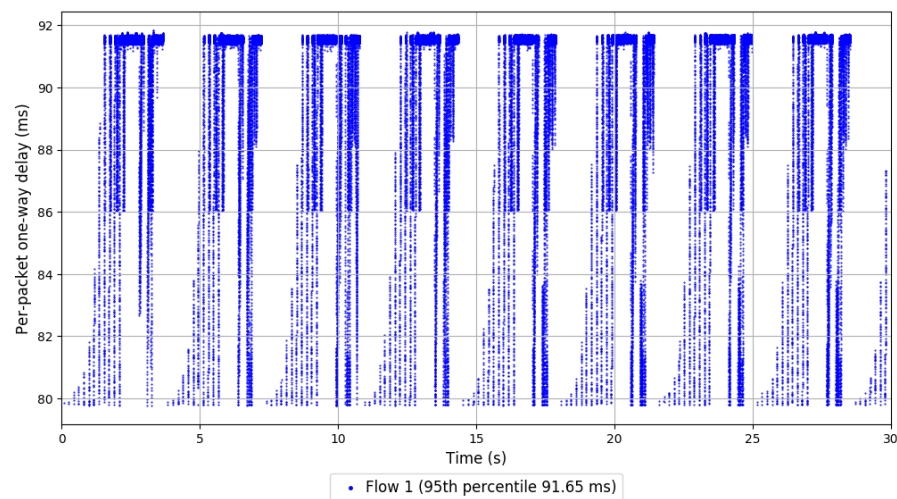
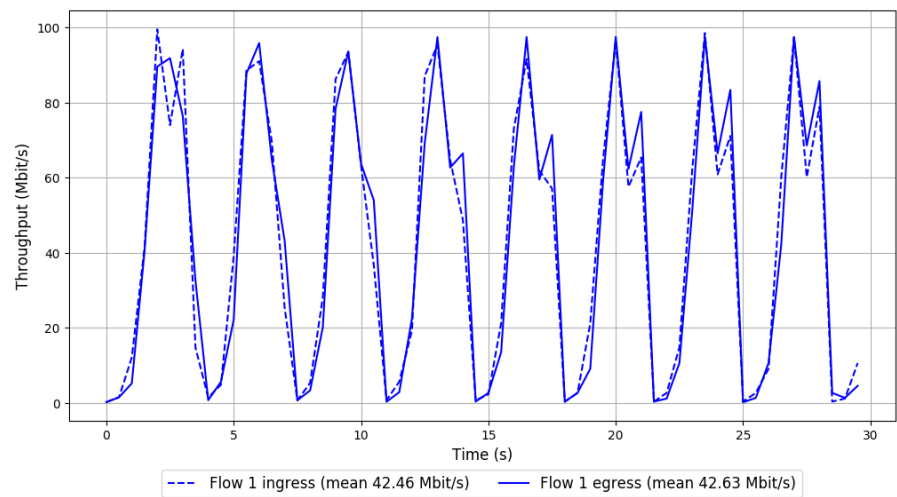
Average throughput: 42.63 Mbit/s

95th percentile per-packet one-way delay: 91.652 ms

Loss rate: 0.24%



Run 9: Report of Verus — Data Link

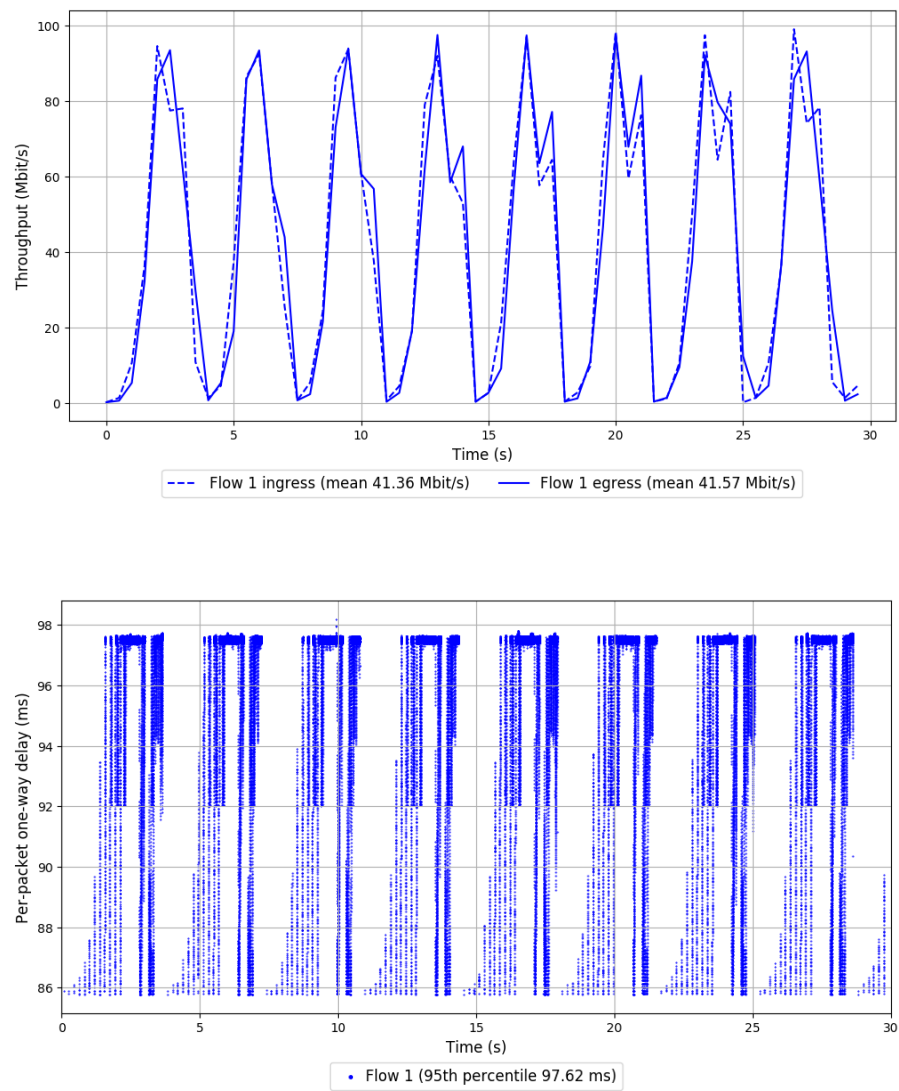


Run 10: Statistics of Verus

Start at: 2018-02-03 14:34:56  
End at: 2018-02-03 14:35:26  
Local clock offset: -0.042 ms  
Remote clock offset: -0.889 ms

# Below is generated by plot.py at 2018-02-03 18:34:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.57 Mbit/s  
95th percentile per-packet one-way delay: 97.619 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 41.57 Mbit/s  
95th percentile per-packet one-way delay: 97.619 ms  
Loss rate: 0.12%

Run 10: Report of Verus — Data Link

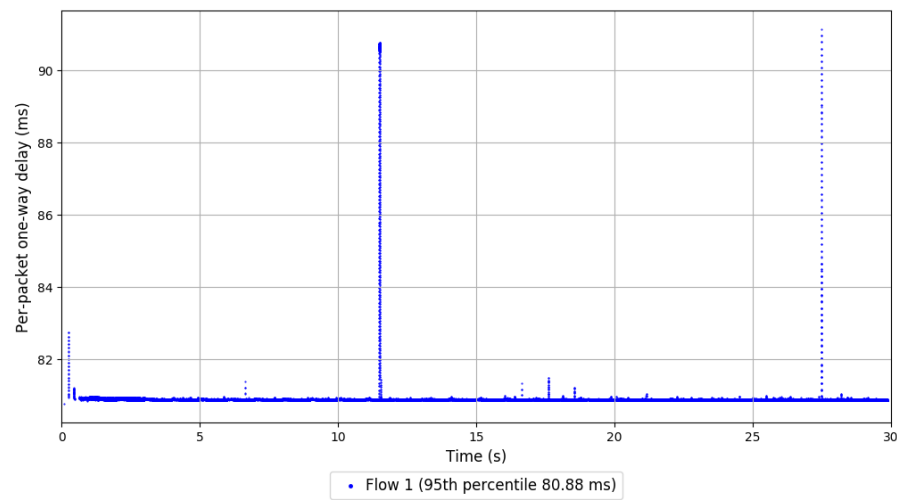
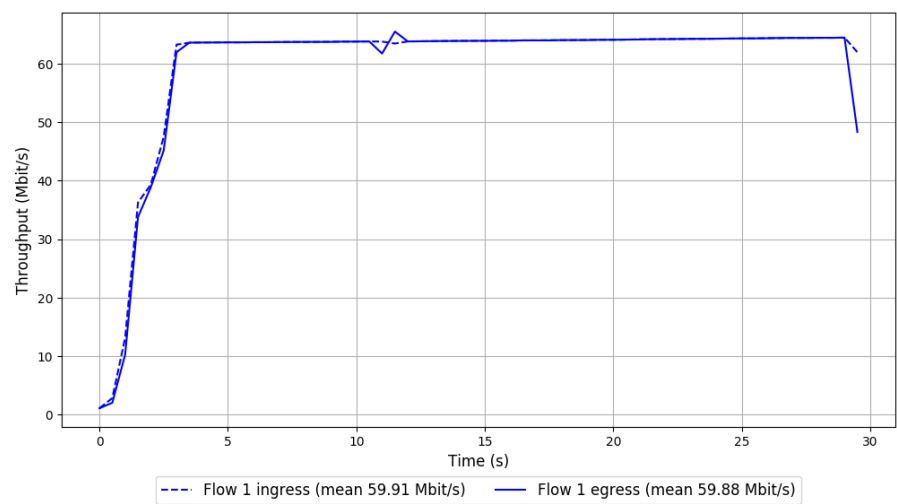


Run 1: Statistics of Copa

Start at: 2018-02-03 11:33:37  
End at: 2018-02-03 11:34:08  
Local clock offset: -0.265 ms  
Remote clock offset: -0.545 ms

# Below is generated by plot.py at 2018-02-03 18:35:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.88 Mbit/s  
95th percentile per-packet one-way delay: 80.881 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 59.88 Mbit/s  
95th percentile per-packet one-way delay: 80.881 ms  
Loss rate: 0.67%

Run 1: Report of Copa — Data Link

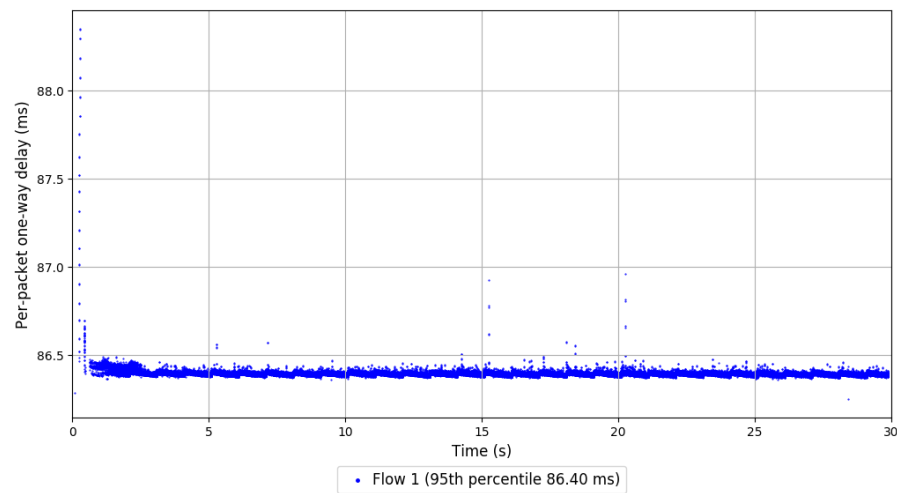
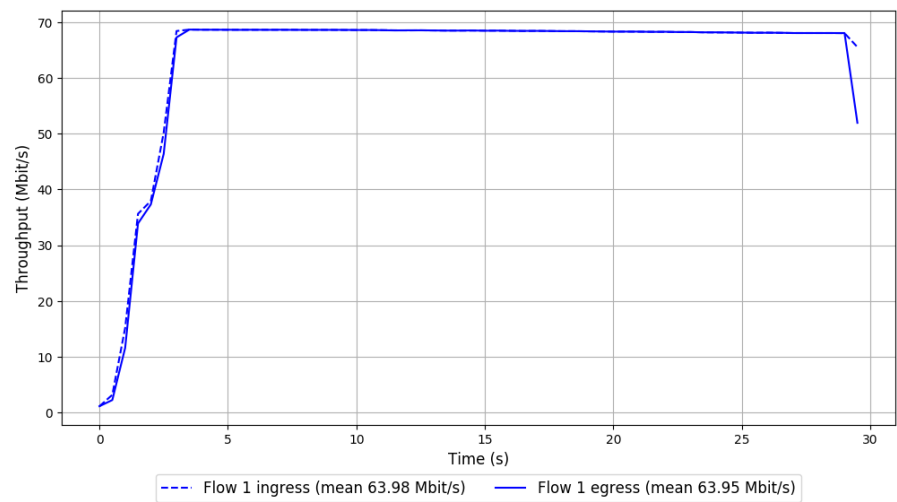


Run 2: Statistics of Copa

Start at: 2018-02-03 11:54:33  
End at: 2018-02-03 11:55:03  
Local clock offset: -0.218 ms  
Remote clock offset: -6.569 ms

# Below is generated by plot.py at 2018-02-03 18:35:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.95 Mbit/s  
95th percentile per-packet one-way delay: 86.402 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 63.95 Mbit/s  
95th percentile per-packet one-way delay: 86.402 ms  
Loss rate: 0.66%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-02-03 12:15:32

End at: 2018-02-03 12:16:02

Local clock offset: -0.226 ms

Remote clock offset: -5.86 ms

# Below is generated by plot.py at 2018-02-03 18:35:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.36 Mbit/s

95th percentile per-packet one-way delay: 86.789 ms

Loss rate: 0.69%

-- Flow 1:

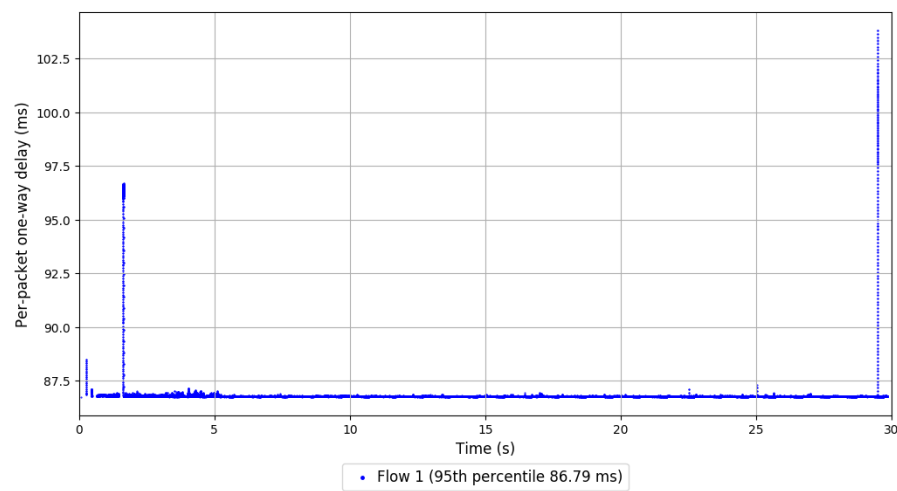
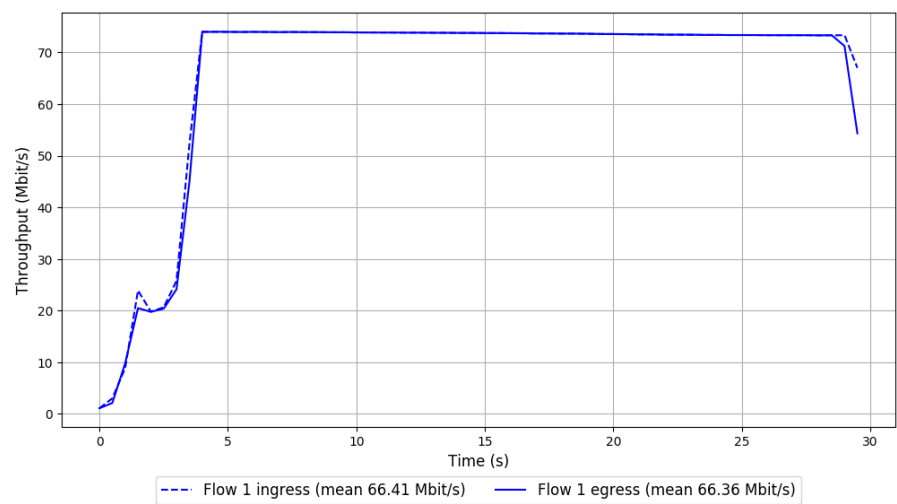
Average throughput: 66.36 Mbit/s

95th percentile per-packet one-way delay: 86.789 ms

Loss rate: 0.69%



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-03 12:36:30

End at: 2018-02-03 12:37:00

Local clock offset: -0.238 ms

Remote clock offset: -2.18 ms

# Below is generated by plot.py at 2018-02-03 18:35:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 63.57 Mbit/s

95th percentile per-packet one-way delay: 81.375 ms

Loss rate: 0.66%

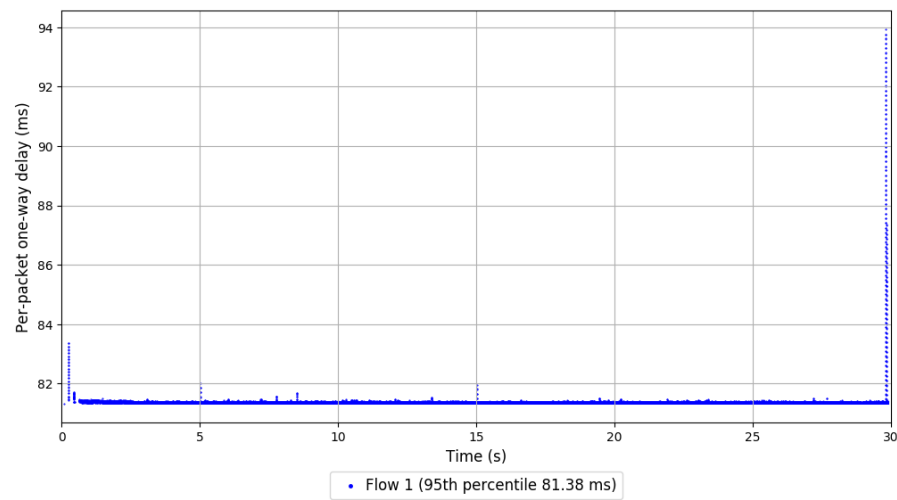
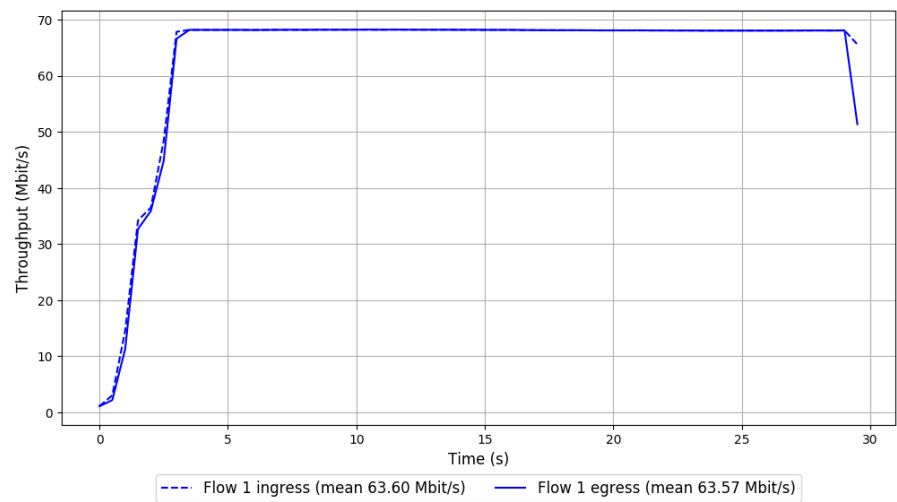
-- Flow 1:

Average throughput: 63.57 Mbit/s

95th percentile per-packet one-way delay: 81.375 ms

Loss rate: 0.66%

Run 4: Report of Copa — Data Link

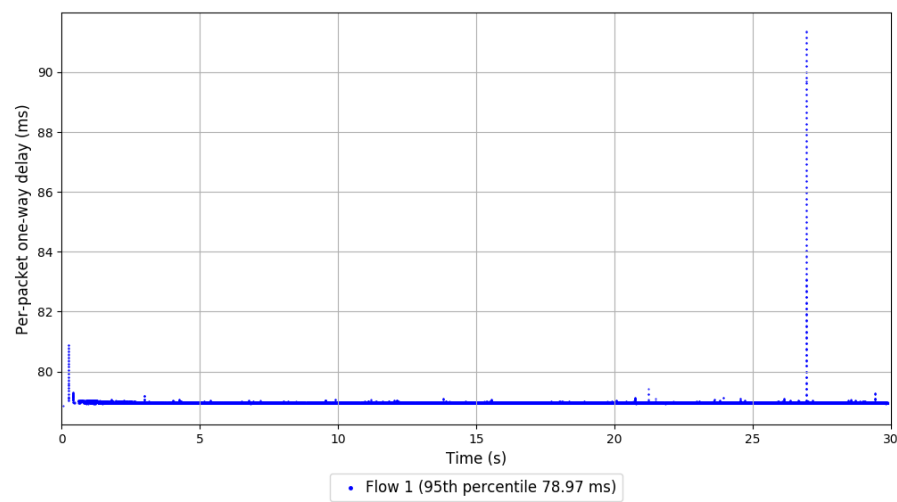
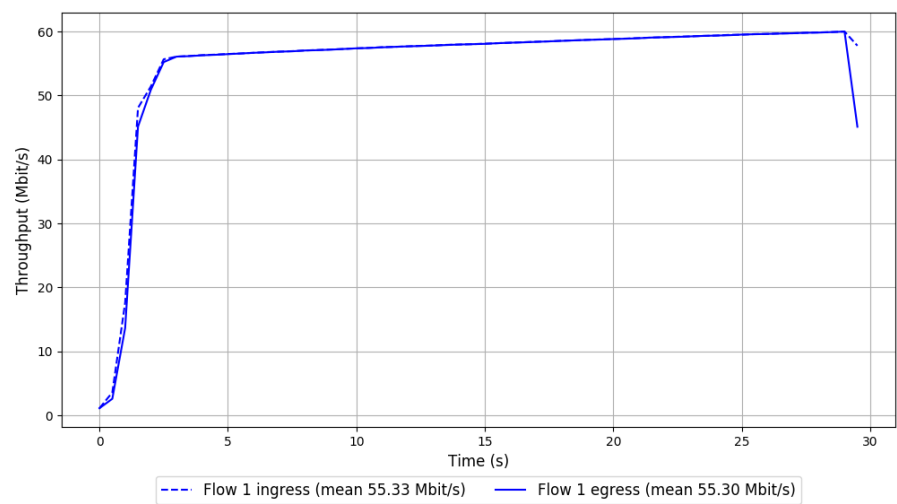


Run 5: Statistics of Copa

Start at: 2018-02-03 12:57:28  
End at: 2018-02-03 12:57:58  
Local clock offset: -0.215 ms  
Remote clock offset: -1.286 ms

# Below is generated by plot.py at 2018-02-03 18:35:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 55.30 Mbit/s  
95th percentile per-packet one-way delay: 78.967 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 55.30 Mbit/s  
95th percentile per-packet one-way delay: 78.967 ms  
Loss rate: 0.67%

Run 5: Report of Copa — Data Link

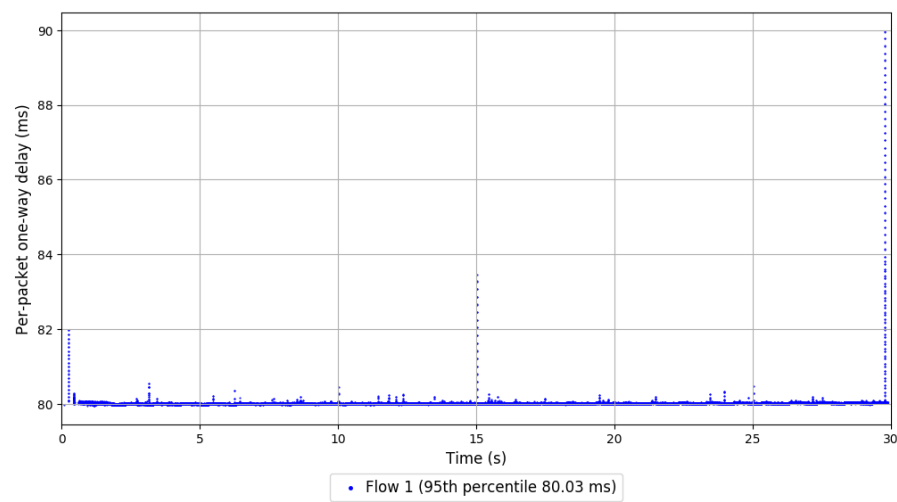
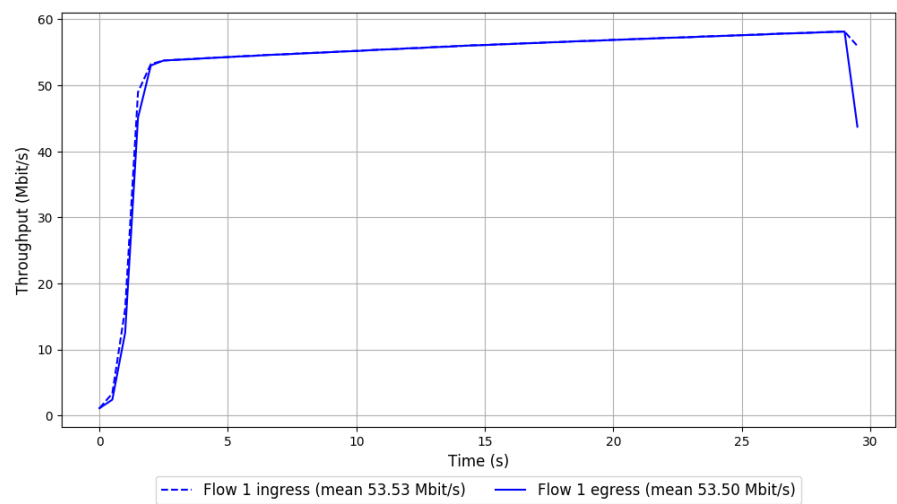


Run 6: Statistics of Copa

Start at: 2018-02-03 13:18:25  
End at: 2018-02-03 13:18:55  
Local clock offset: -0.201 ms  
Remote clock offset: -1.197 ms

# Below is generated by plot.py at 2018-02-03 18:35:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 53.50 Mbit/s  
95th percentile per-packet one-way delay: 80.026 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 53.50 Mbit/s  
95th percentile per-packet one-way delay: 80.026 ms  
Loss rate: 0.67%

Run 6: Report of Copa — Data Link



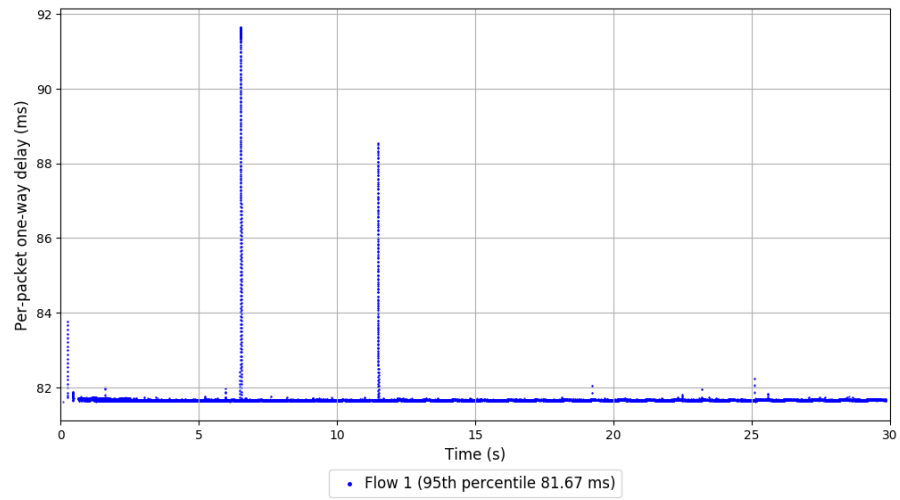
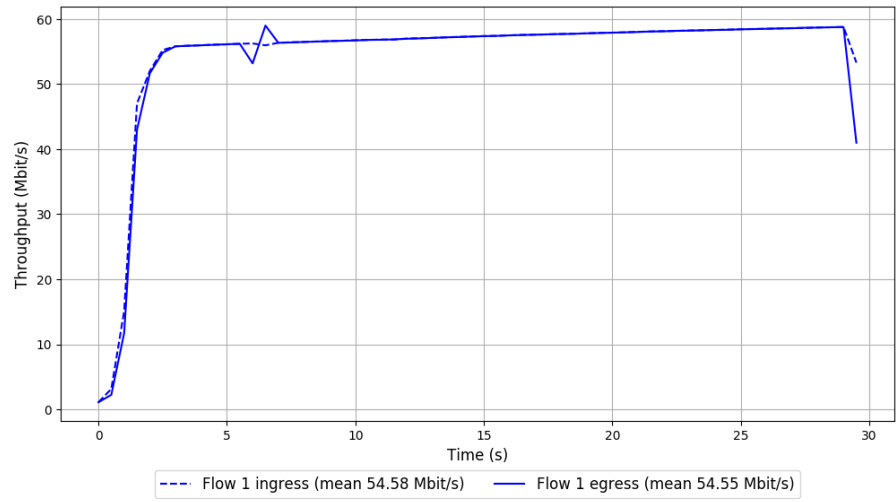
Run 7: Statistics of Copa

Start at: 2018-02-03 13:39:26  
End at: 2018-02-03 13:39:56  
Local clock offset: -0.104 ms  
Remote clock offset: -0.379 ms

# Below is generated by plot.py at 2018-02-03 18:35:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.55 Mbit/s  
95th percentile per-packet one-way delay: 81.668 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 54.55 Mbit/s  
95th percentile per-packet one-way delay: 81.668 ms  
Loss rate: 0.67%



### Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-03 14:00:26

End at: 2018-02-03 14:00:56

Local clock offset: -0.178 ms

Remote clock offset: 1.298 ms

# Below is generated by plot.py at 2018-02-03 18:36:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.24 Mbit/s

95th percentile per-packet one-way delay: 80.244 ms

Loss rate: 0.66%

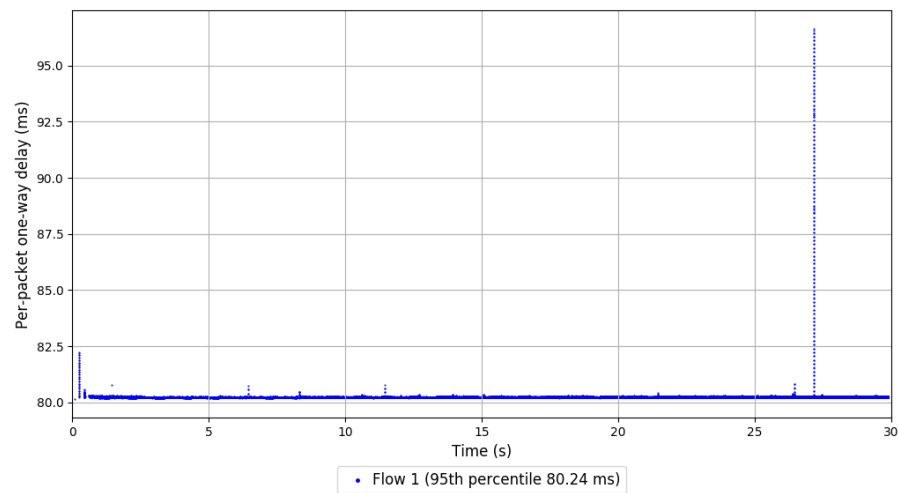
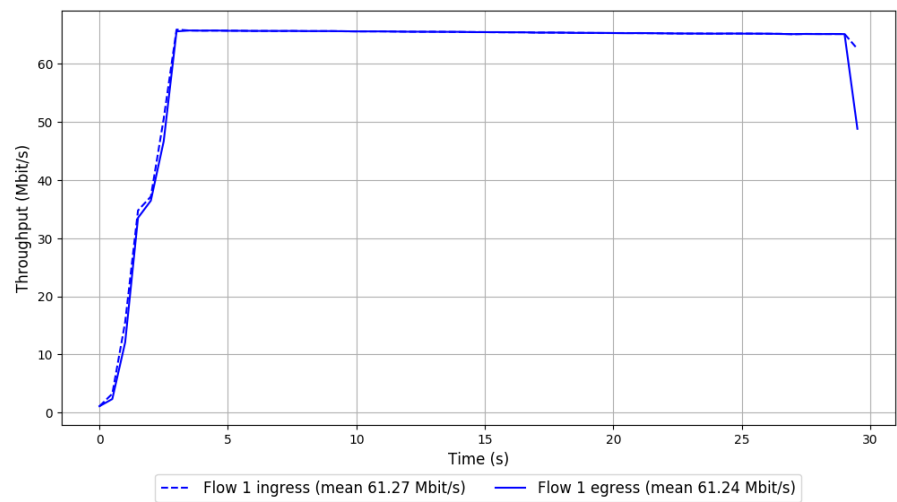
-- Flow 1:

Average throughput: 61.24 Mbit/s

95th percentile per-packet one-way delay: 80.244 ms

Loss rate: 0.66%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-03 14:21:22

End at: 2018-02-03 14:21:52

Local clock offset: -0.109 ms

Remote clock offset: 2.448 ms

# Below is generated by plot.py at 2018-02-03 18:36:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.07 Mbit/s

95th percentile per-packet one-way delay: 80.843 ms

Loss rate: 0.67%

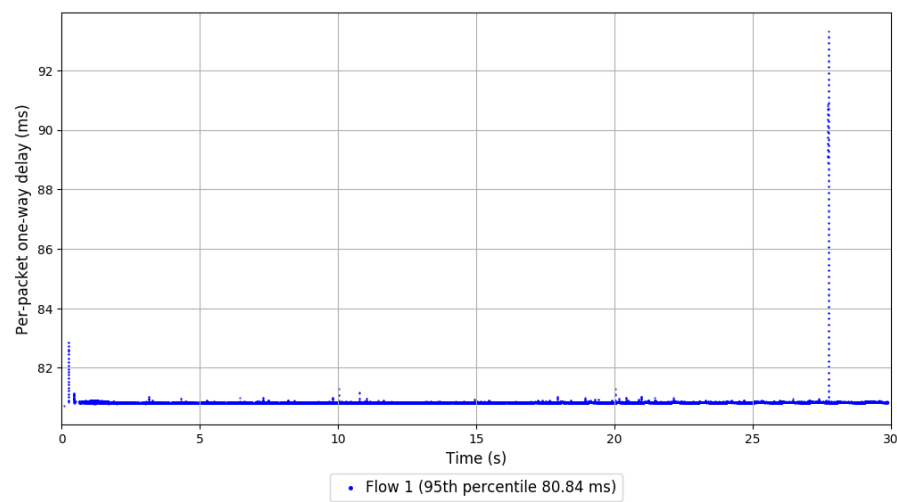
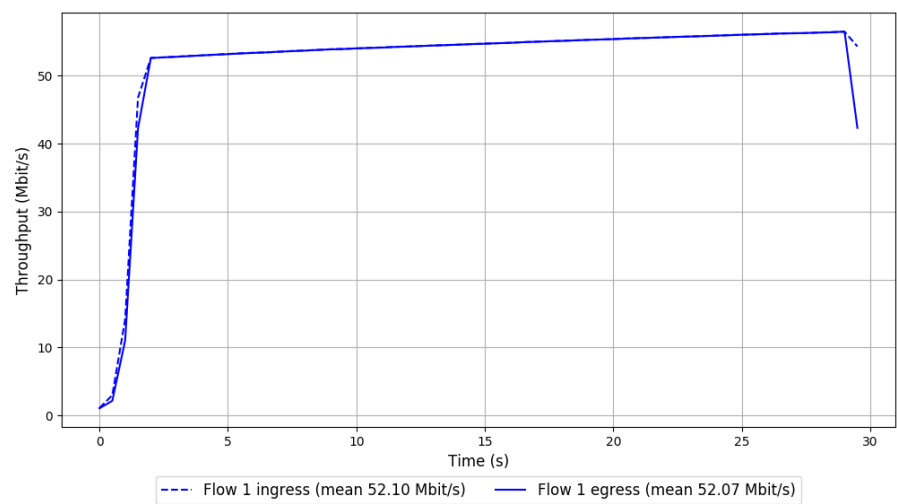
-- Flow 1:

Average throughput: 52.07 Mbit/s

95th percentile per-packet one-way delay: 80.843 ms

Loss rate: 0.67%

Run 9: Report of Copa — Data Link

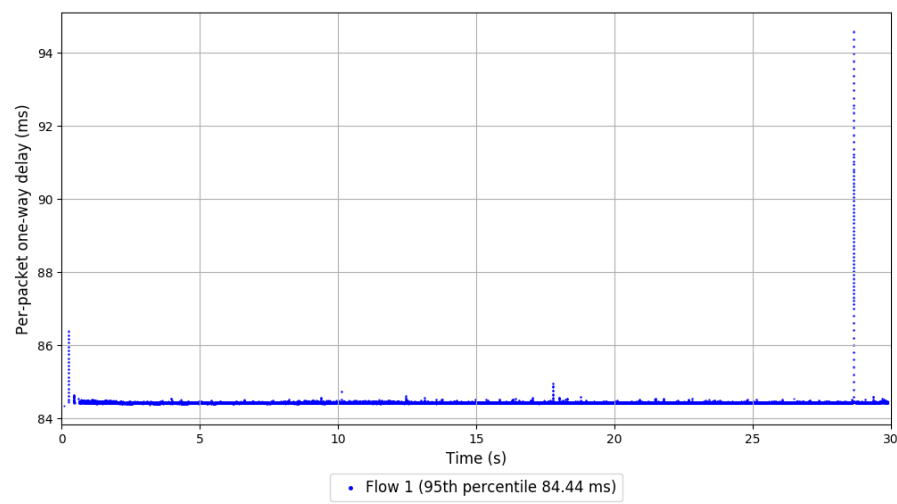
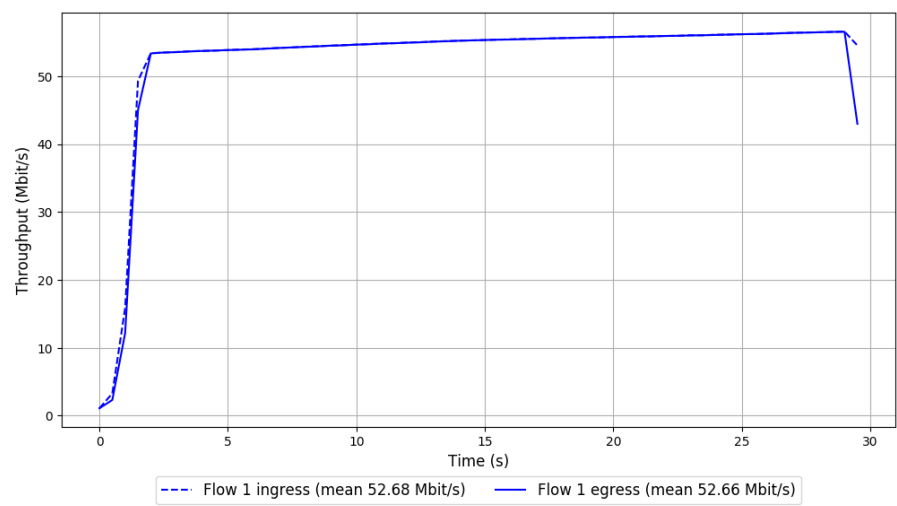


Run 10: Statistics of Copa

Start at: 2018-02-03 14:42:19  
End at: 2018-02-03 14:42:49  
Local clock offset: -0.014 ms  
Remote clock offset: -0.637 ms

# Below is generated by plot.py at 2018-02-03 18:36:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 52.66 Mbit/s  
95th percentile per-packet one-way delay: 84.445 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 52.66 Mbit/s  
95th percentile per-packet one-way delay: 84.445 ms  
Loss rate: 0.67%

Run 10: Report of Copa — Data Link



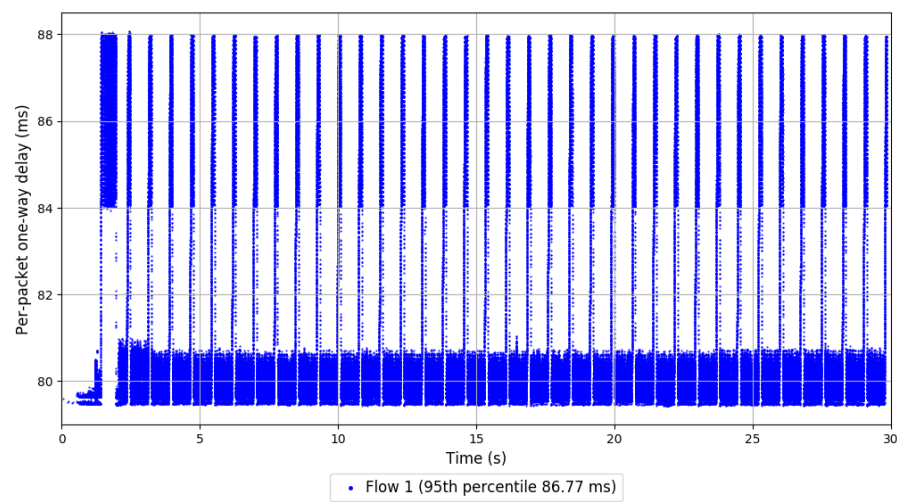
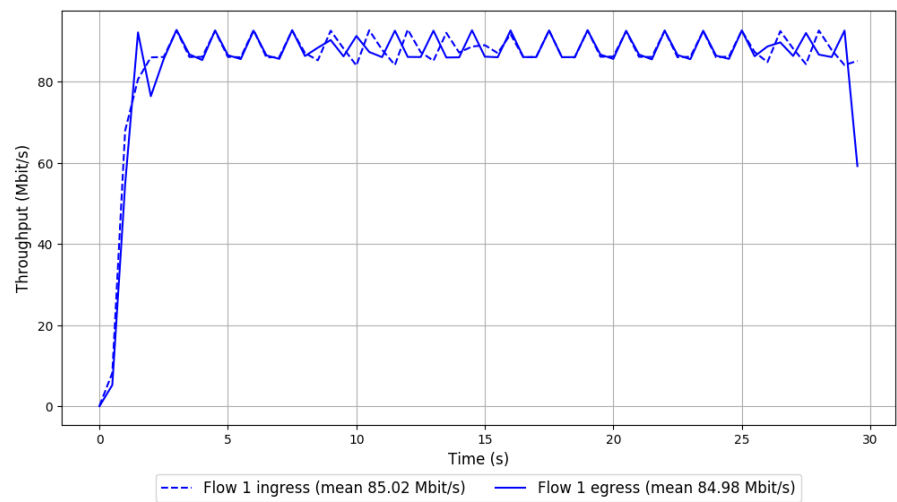
```
Run 1: Statistics of FillP

Start at: 2018-02-03 11:40:58
End at: 2018-02-03 11:41:28
Local clock offset: -0.226 ms
Remote clock offset: 0.202 ms

# Below is generated by plot.py at 2018-02-03 18:38:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 86.771 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 86.771 ms
Loss rate: 0.67%
```



Run 1: Report of FillP — Data Link

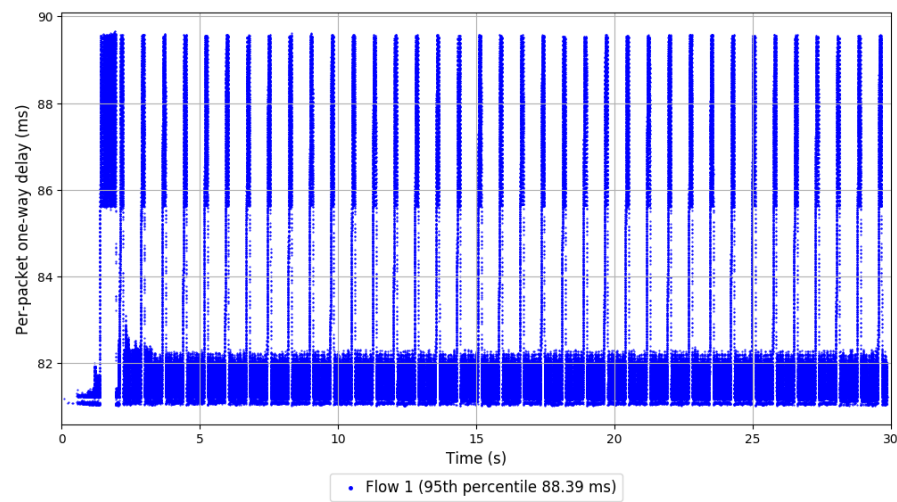
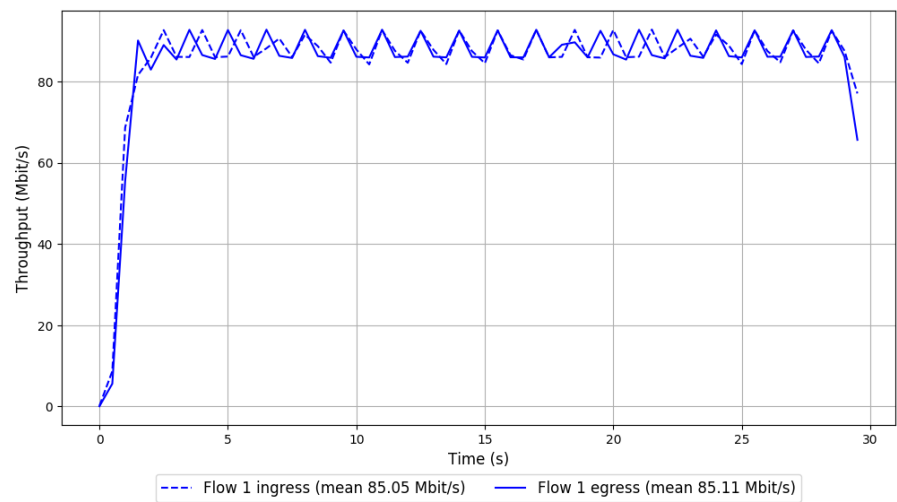


Run 2: Statistics of FillP

Start at: 2018-02-03 12:01:55  
End at: 2018-02-03 12:02:25  
Local clock offset: -0.209 ms  
Remote clock offset: -1.685 ms

# Below is generated by plot.py at 2018-02-03 18:38:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.11 Mbit/s  
95th percentile per-packet one-way delay: 88.393 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 85.11 Mbit/s  
95th percentile per-packet one-way delay: 88.393 ms  
Loss rate: 0.55%

Run 2: Report of FillP — Data Link

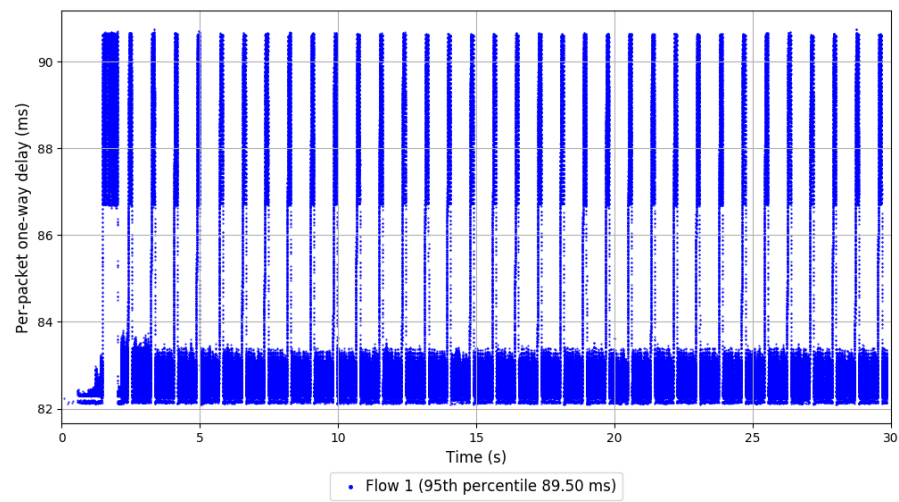
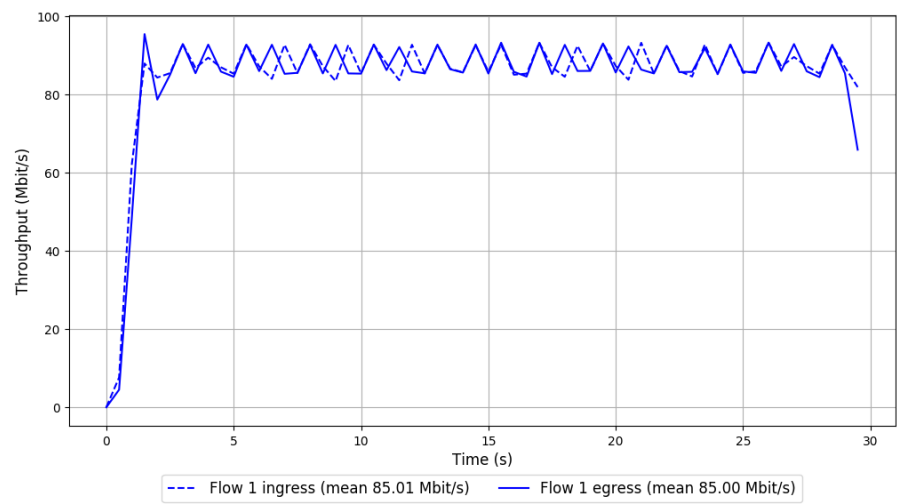


Run 3: Statistics of FillP

Start at: 2018-02-03 12:22:53  
End at: 2018-02-03 12:23:23  
Local clock offset: -0.262 ms  
Remote clock offset: -1.092 ms

# Below is generated by plot.py at 2018-02-03 18:38:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.00 Mbit/s  
95th percentile per-packet one-way delay: 89.499 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 85.00 Mbit/s  
95th percentile per-packet one-way delay: 89.499 ms  
Loss rate: 0.64%

Run 3: Report of FillP — Data Link

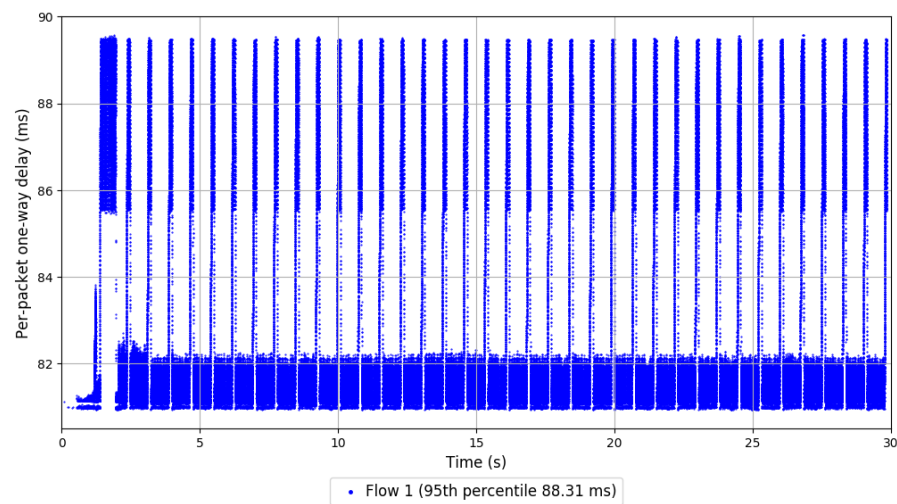
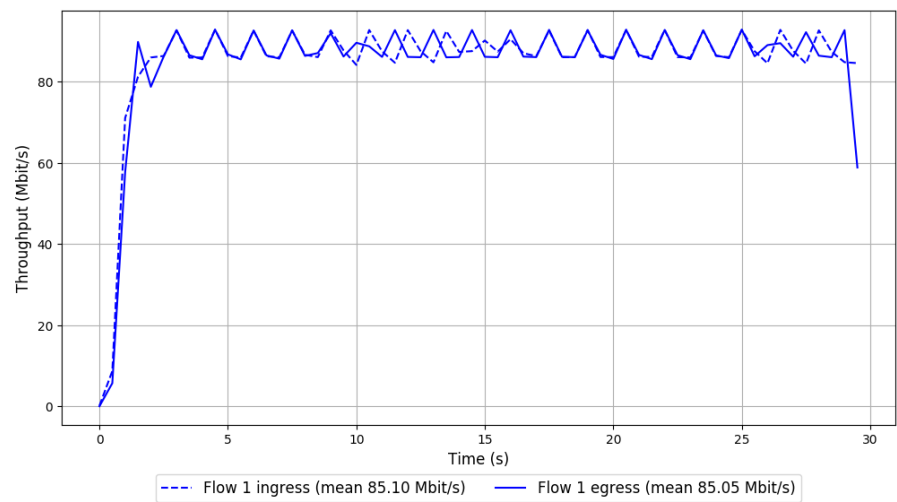


Run 4: Statistics of FillP

Start at: 2018-02-03 12:43:51  
End at: 2018-02-03 12:44:21  
Local clock offset: -0.212 ms  
Remote clock offset: -2.168 ms

# Below is generated by plot.py at 2018-02-03 18:38:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.05 Mbit/s  
95th percentile per-packet one-way delay: 88.307 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 85.05 Mbit/s  
95th percentile per-packet one-way delay: 88.307 ms  
Loss rate: 0.67%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-02-03 13:04:48

End at: 2018-02-03 13:05:19

Local clock offset: -0.268 ms

Remote clock offset: -1.2 ms

# Below is generated by plot.py at 2018-02-03 18:38:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.04 Mbit/s

95th percentile per-packet one-way delay: 86.389 ms

Loss rate: 0.67%

-- Flow 1:

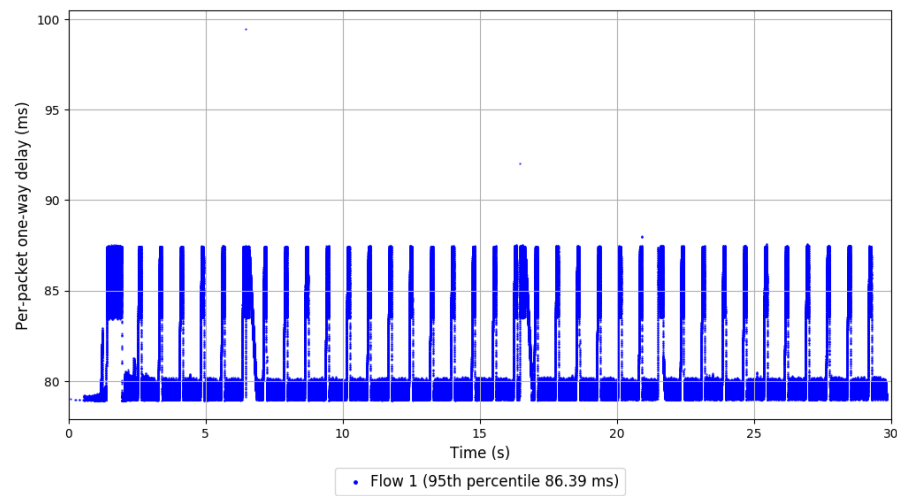
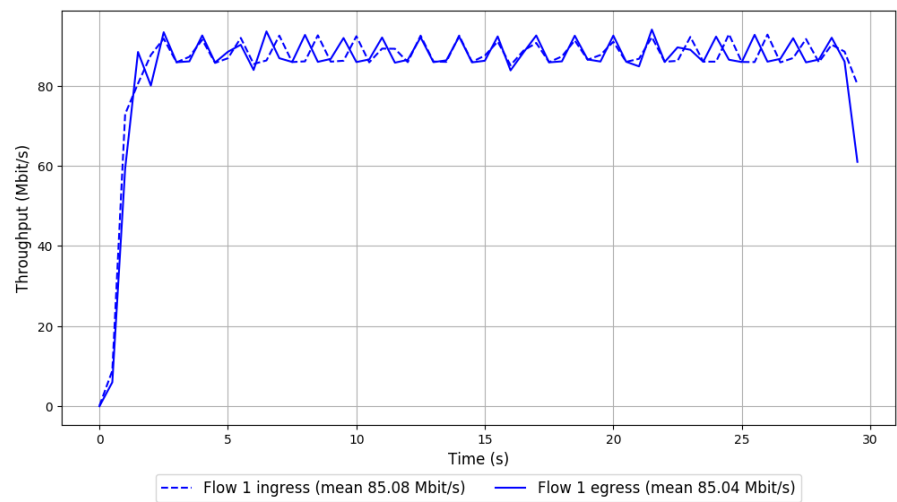
Average throughput: 85.04 Mbit/s

95th percentile per-packet one-way delay: 86.389 ms

Loss rate: 0.67%



Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-03 13:25:45

End at: 2018-02-03 13:26:15

Local clock offset: -0.116 ms

Remote clock offset: 0.042 ms

# Below is generated by plot.py at 2018-02-03 18:38:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.90 Mbit/s

95th percentile per-packet one-way delay: 87.799 ms

Loss rate: 9.33%

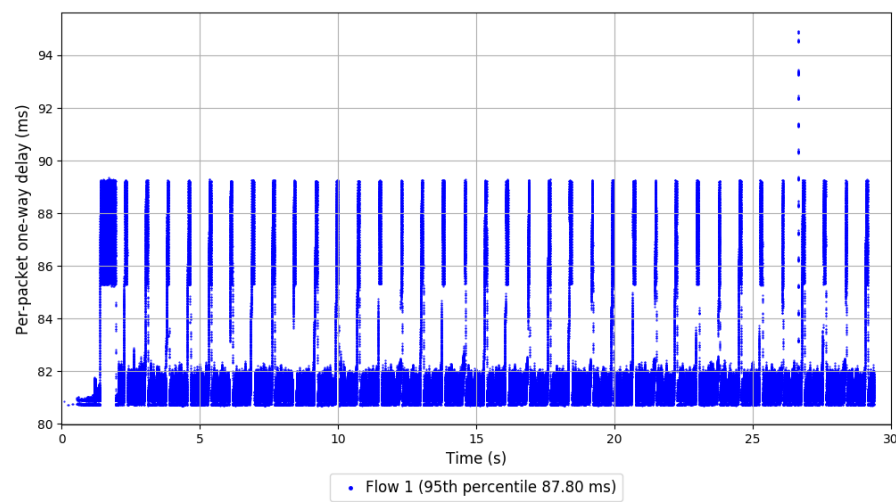
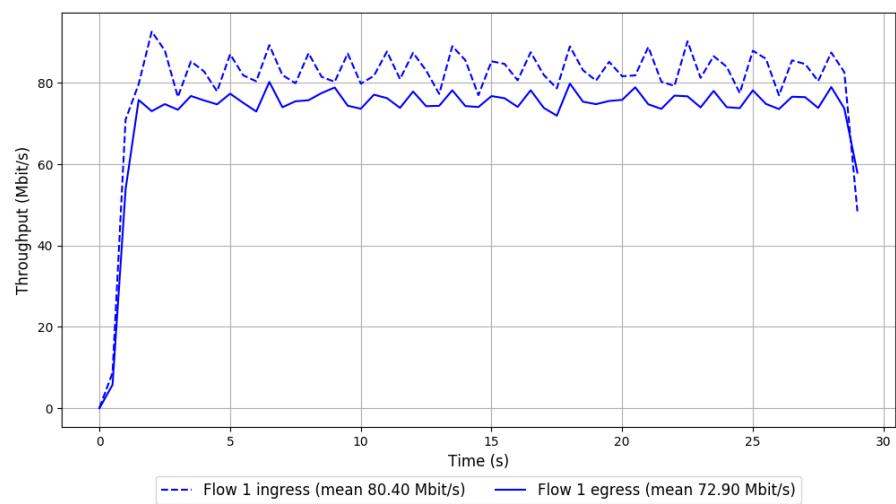
-- Flow 1:

Average throughput: 72.90 Mbit/s

95th percentile per-packet one-way delay: 87.799 ms

Loss rate: 9.33%

Run 6: Report of FillP — Data Link

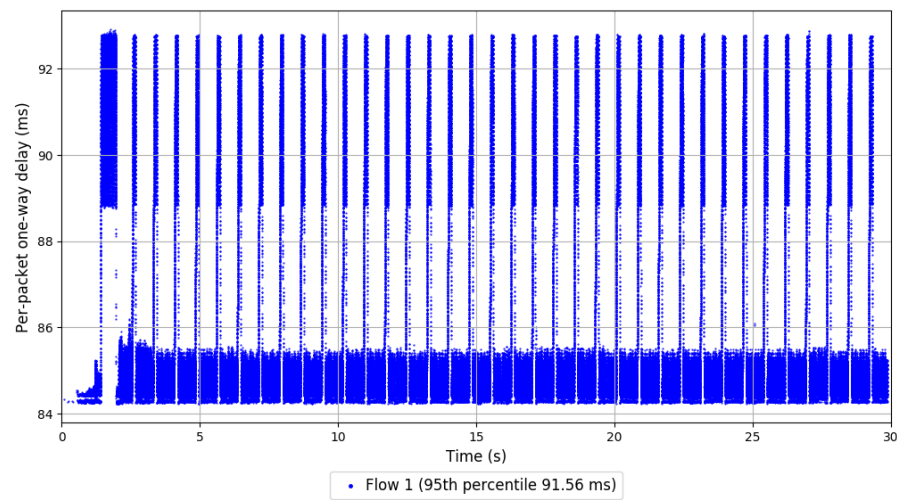
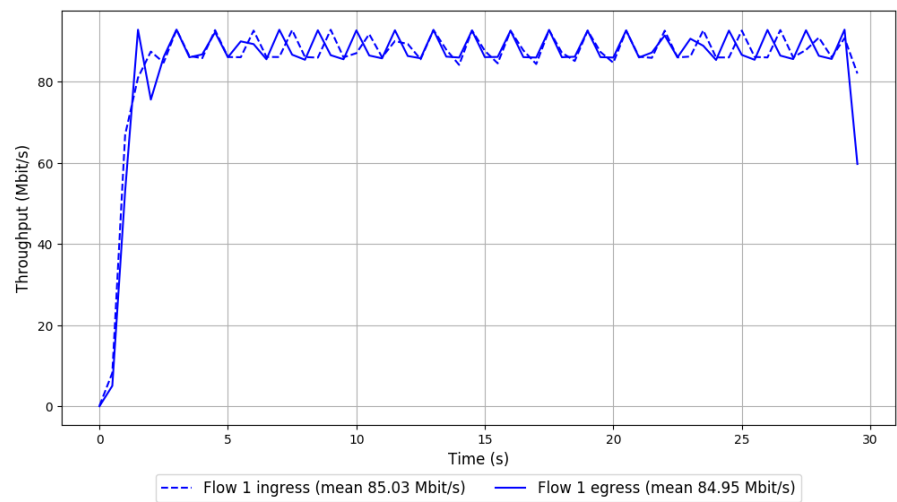


Run 7: Statistics of FillP

Start at: 2018-02-03 13:46:47  
End at: 2018-02-03 13:47:17  
Local clock offset: -0.134 ms  
Remote clock offset: -5.082 ms

# Below is generated by plot.py at 2018-02-03 18:39:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.95 Mbit/s  
95th percentile per-packet one-way delay: 91.559 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 84.95 Mbit/s  
95th percentile per-packet one-way delay: 91.559 ms  
Loss rate: 0.71%

Run 7: Report of FillP — Data Link

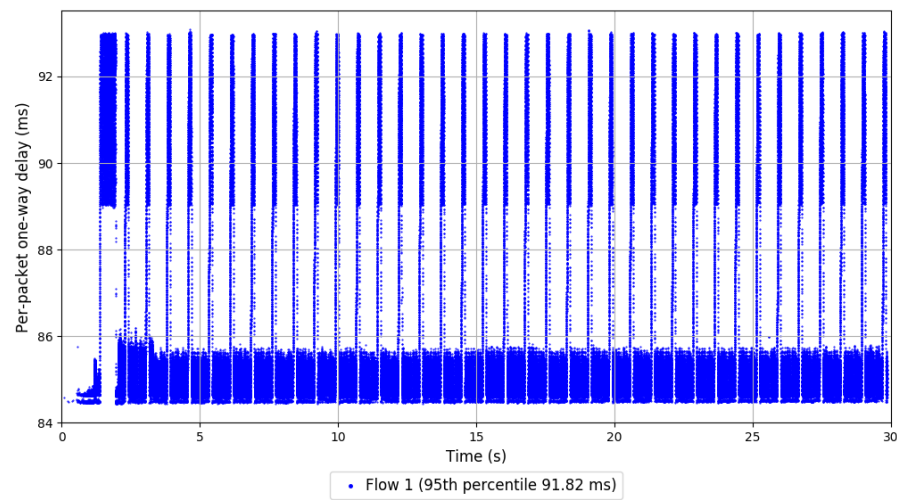
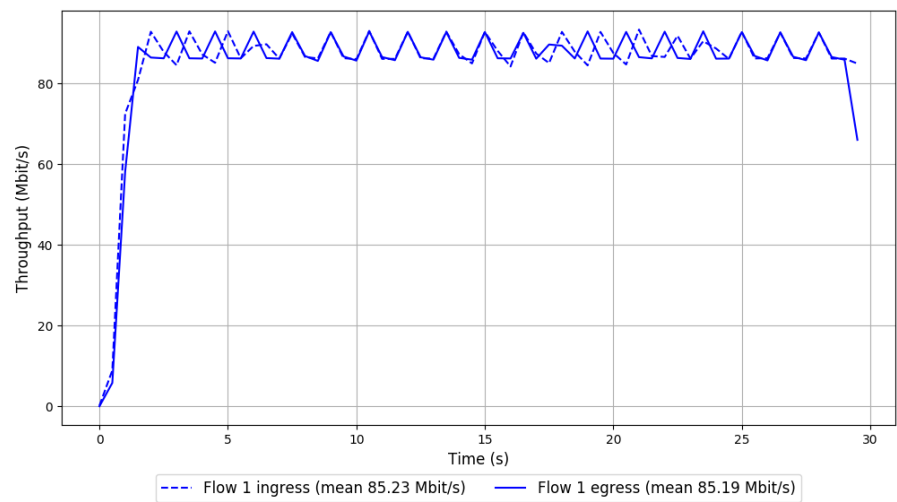


Run 8: Statistics of FillP

Start at: 2018-02-03 14:07:47  
End at: 2018-02-03 14:08:17  
Local clock offset: -0.125 ms  
Remote clock offset: -2.063 ms

# Below is generated by plot.py at 2018-02-03 18:39:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.19 Mbit/s  
95th percentile per-packet one-way delay: 91.823 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 85.19 Mbit/s  
95th percentile per-packet one-way delay: 91.823 ms  
Loss rate: 0.68%

Run 8: Report of FillP — Data Link



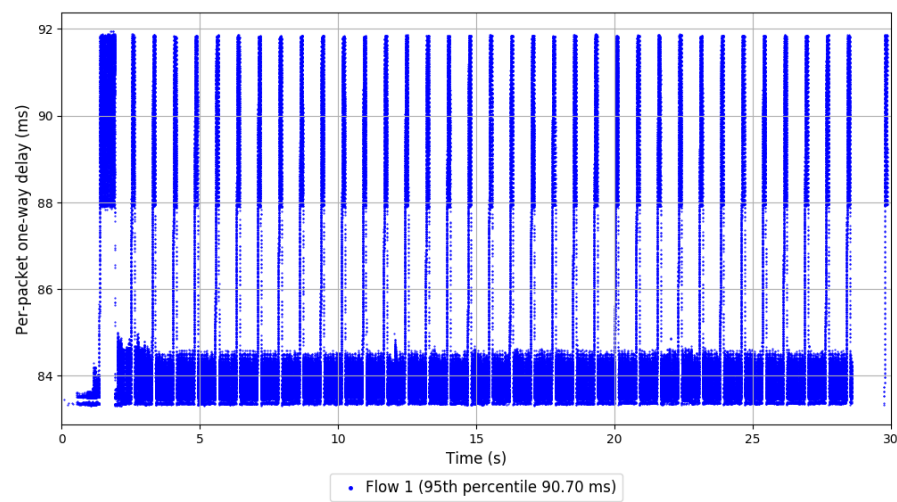
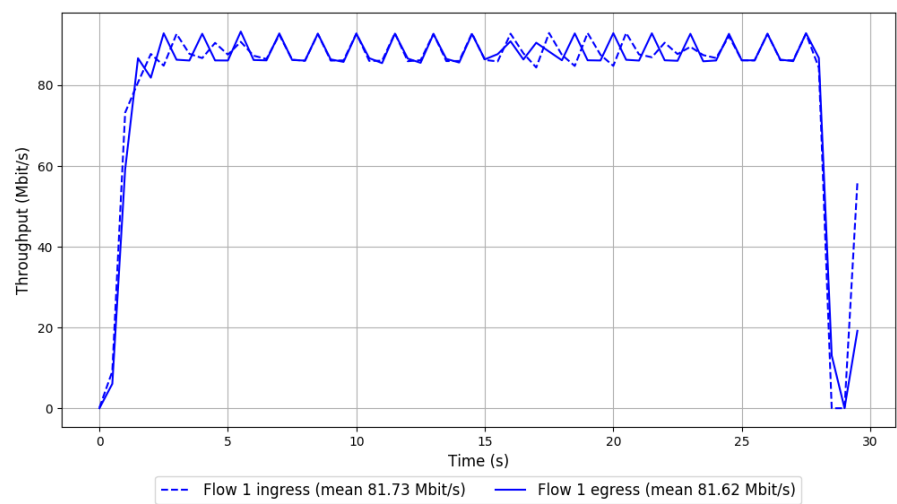
Run 9: Statistics of FillP

Start at: 2018-02-03 14:28:43  
End at: 2018-02-03 14:29:13  
Local clock offset: -0.098 ms  
Remote clock offset: -1.821 ms

# Below is generated by plot.py at 2018-02-03 18:40:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.62 Mbit/s  
95th percentile per-packet one-way delay: 90.705 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 81.62 Mbit/s  
95th percentile per-packet one-way delay: 90.705 ms  
Loss rate: 0.75%



Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-03 14:49:40

End at: 2018-02-03 14:50:10

Local clock offset: 0.005 ms

Remote clock offset: 3.332 ms

# Below is generated by plot.py at 2018-02-03 18:40:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 86.358 ms

Loss rate: 0.67%

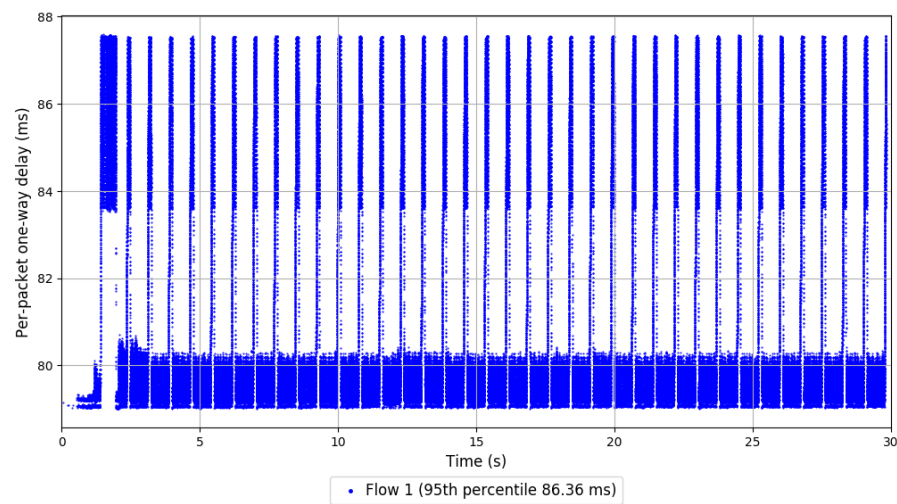
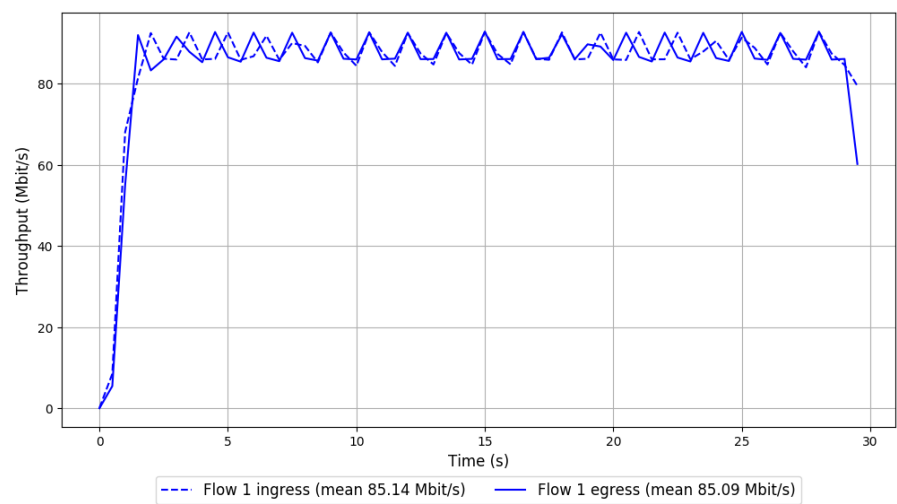
-- Flow 1:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 86.358 ms

Loss rate: 0.67%

Run 10: Report of FillP — Data Link

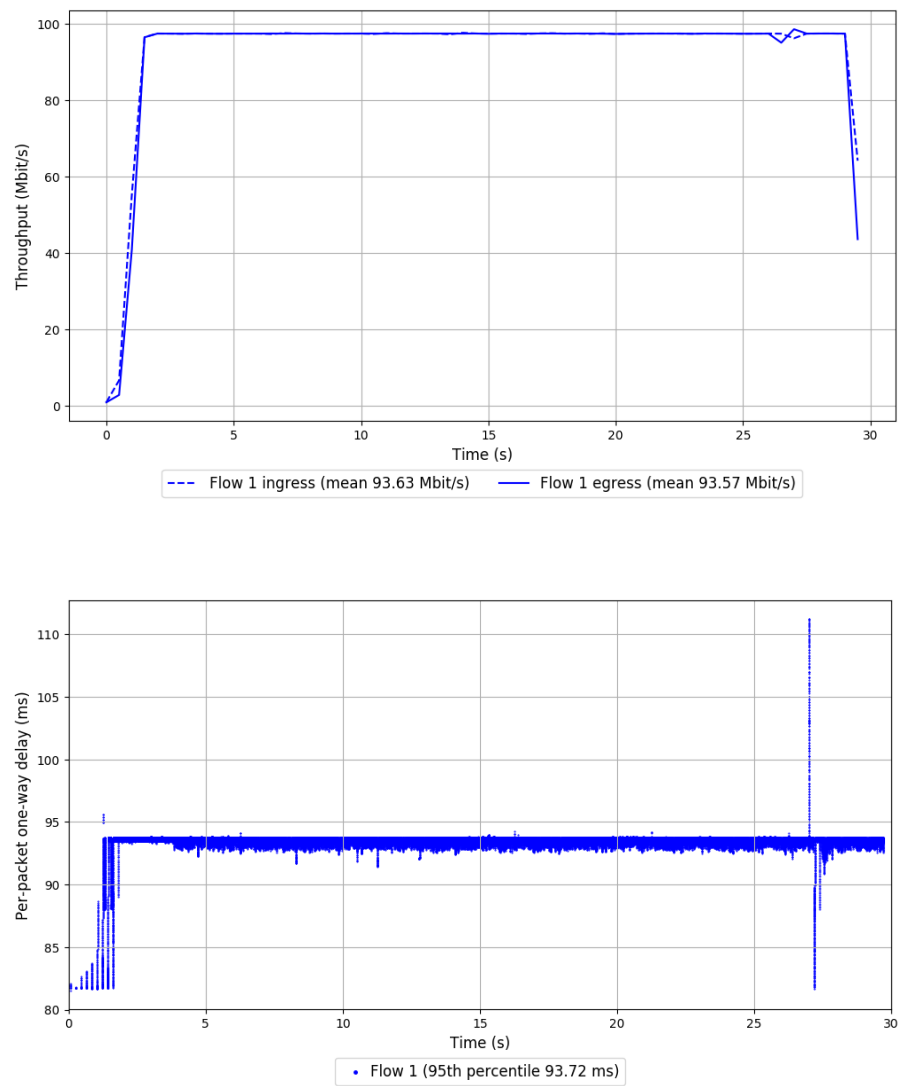


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-03 11:32:21
End at: 2018-02-03 11:32:51
Local clock offset: -0.214 ms
Remote clock offset: -1.298 ms

# Below is generated by plot.py at 2018-02-03 18:40:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 93.715 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 93.715 ms
Loss rate: 0.69%
```

Run 1: Report of Indigo-1-32 — Data Link

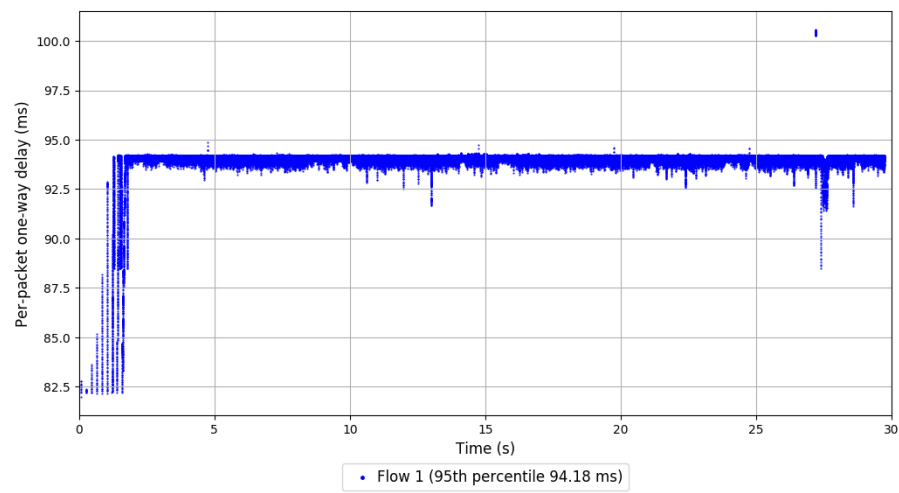
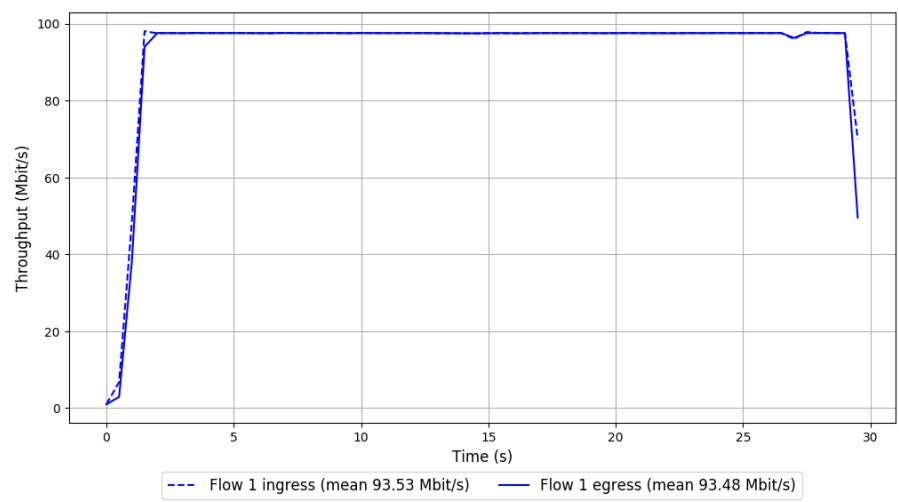


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-03 11:53:17  
End at: 2018-02-03 11:53:47  
Local clock offset: -0.213 ms  
Remote clock offset: -0.835 ms

# Below is generated by plot.py at 2018-02-03 18:40:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.48 Mbit/s  
95th percentile per-packet one-way delay: 94.180 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 93.48 Mbit/s  
95th percentile per-packet one-way delay: 94.180 ms  
Loss rate: 0.69%

Run 2: Report of Indigo-1-32 — Data Link



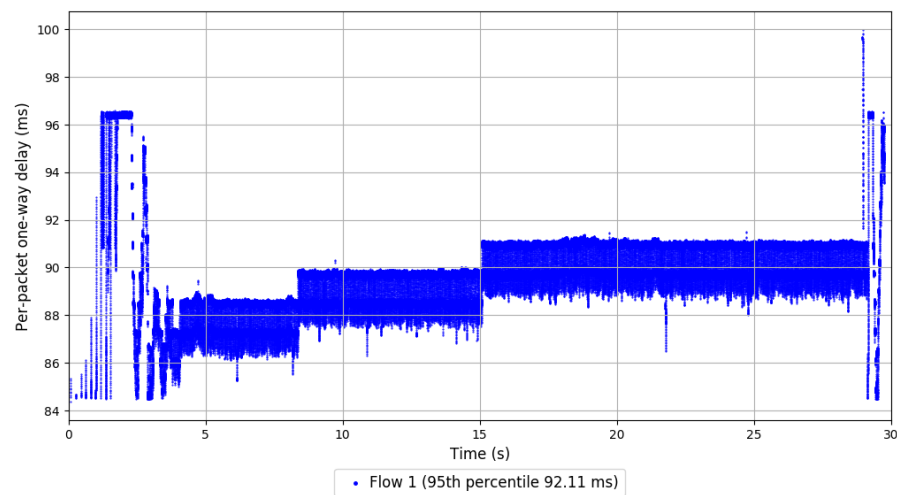
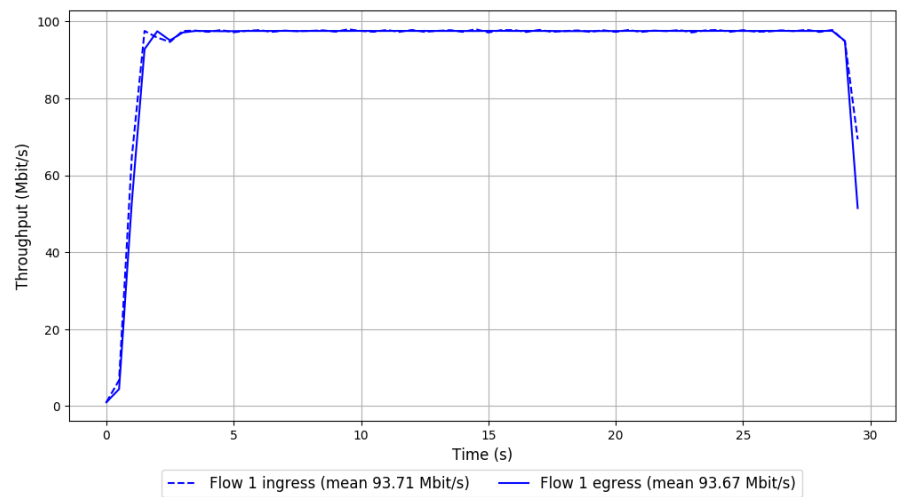
Run 3: Statistics of Indigo-1-32

Start at: 2018-02-03 12:14:16  
End at: 2018-02-03 12:14:46  
Local clock offset: -0.307 ms  
Remote clock offset: -6.645 ms

# Below is generated by plot.py at 2018-02-03 18:40:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.67 Mbit/s  
95th percentile per-packet one-way delay: 92.106 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 93.67 Mbit/s  
95th percentile per-packet one-way delay: 92.106 ms  
Loss rate: 0.63%



Run 3: Report of Indigo-1-32 — Data Link



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-03 12:35:13

End at: 2018-02-03 12:35:43

Local clock offset: -0.238 ms

Remote clock offset: -2.09 ms

# Below is generated by plot.py at 2018-02-03 18:40:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: 91.598 ms

Loss rate: 0.66%

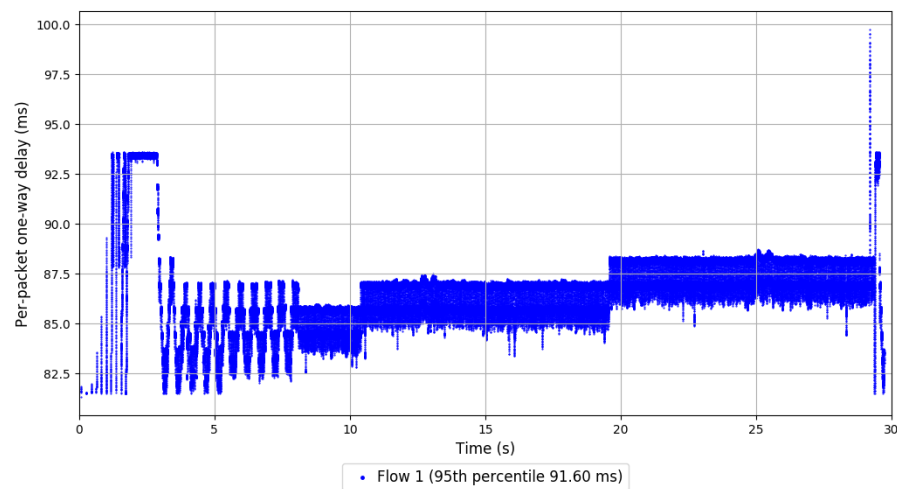
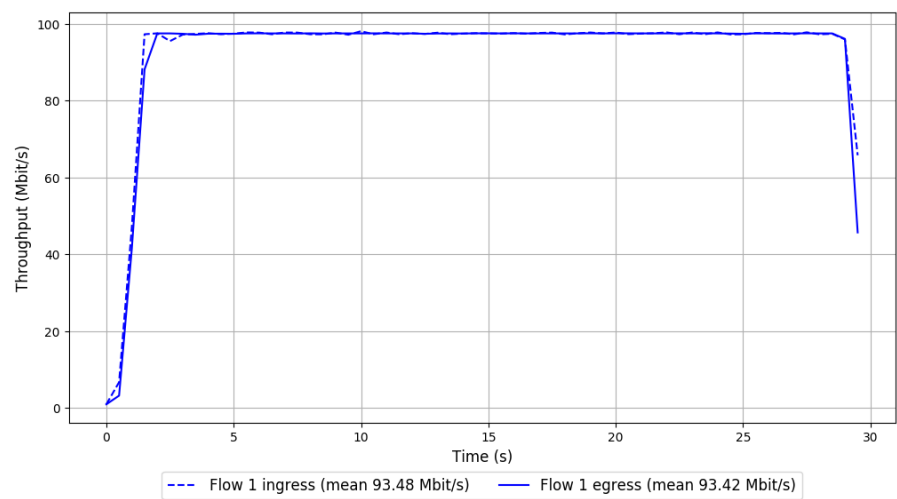
-- Flow 1:

Average throughput: 93.42 Mbit/s

95th percentile per-packet one-way delay: 91.598 ms

Loss rate: 0.66%

Run 4: Report of Indigo-1-32 — Data Link

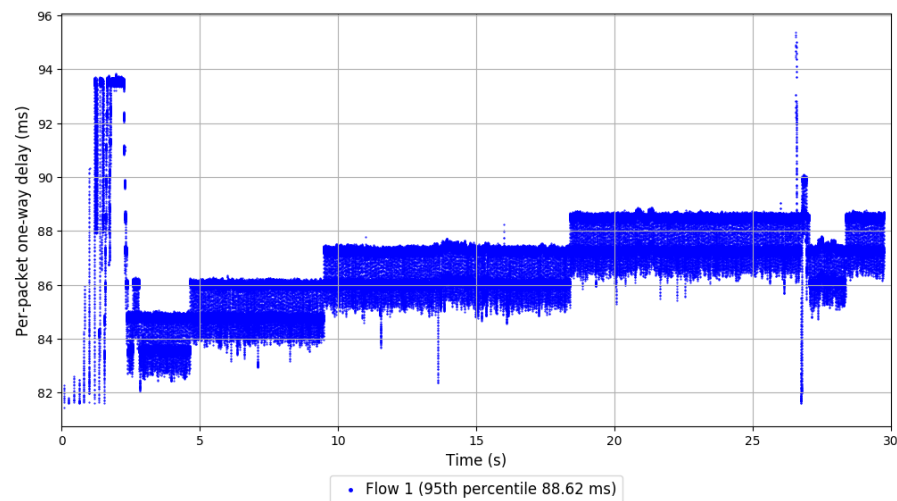
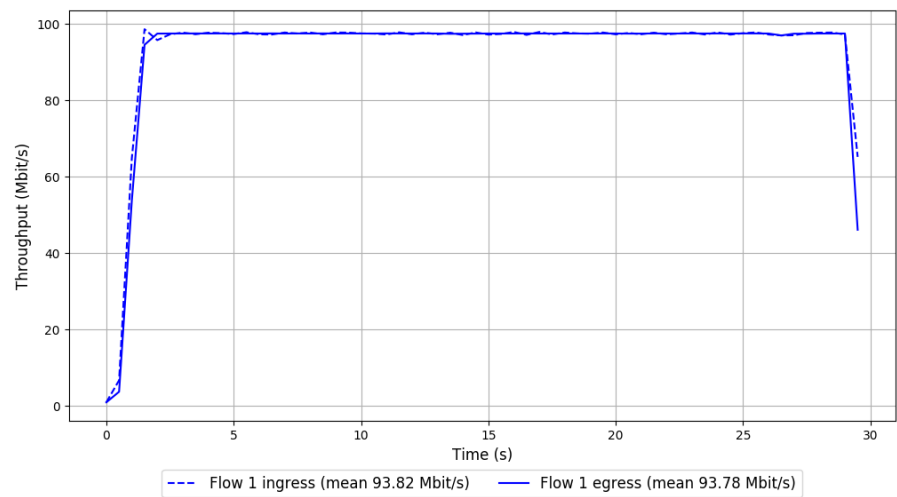


Run 5: Statistics of Indigo-1-32

Start at: 2018-02-03 12:56:11  
End at: 2018-02-03 12:56:41  
Local clock offset: -0.301 ms  
Remote clock offset: -2.144 ms

# Below is generated by plot.py at 2018-02-03 18:40:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.78 Mbit/s  
95th percentile per-packet one-way delay: 88.621 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 93.78 Mbit/s  
95th percentile per-packet one-way delay: 88.621 ms  
Loss rate: 0.64%

Run 5: Report of Indigo-1-32 — Data Link

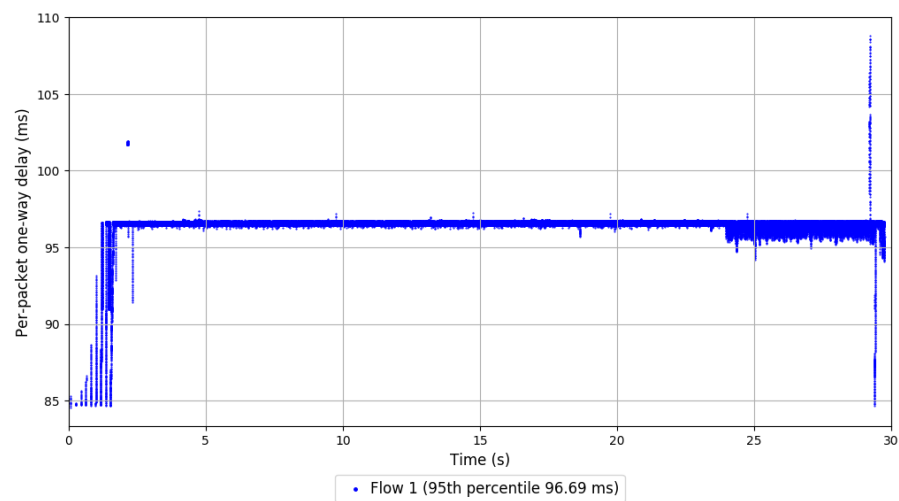
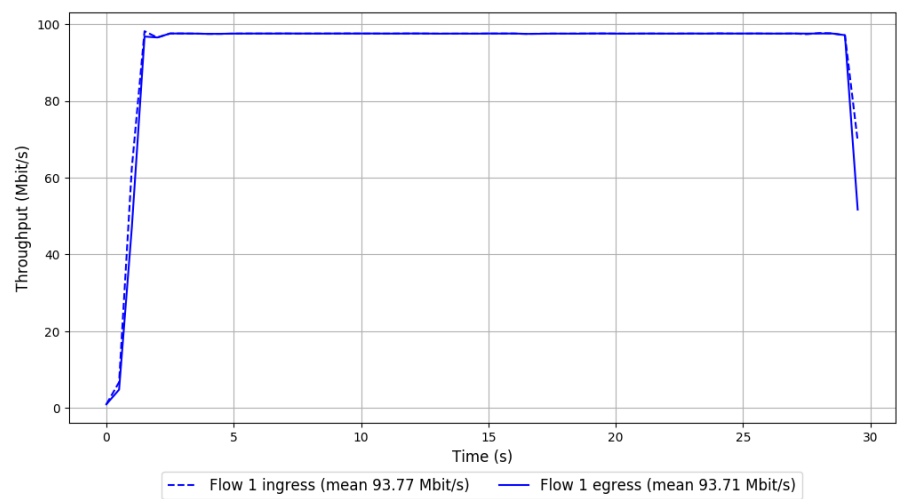


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-03 13:17:08  
End at: 2018-02-03 13:17:38  
Local clock offset: -0.143 ms  
Remote clock offset: -6.051 ms

# Below is generated by plot.py at 2018-02-03 18:40:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.71 Mbit/s  
95th percentile per-packet one-way delay: 96.685 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 93.71 Mbit/s  
95th percentile per-packet one-way delay: 96.685 ms  
Loss rate: 0.65%

Run 6: Report of Indigo-1-32 — Data Link



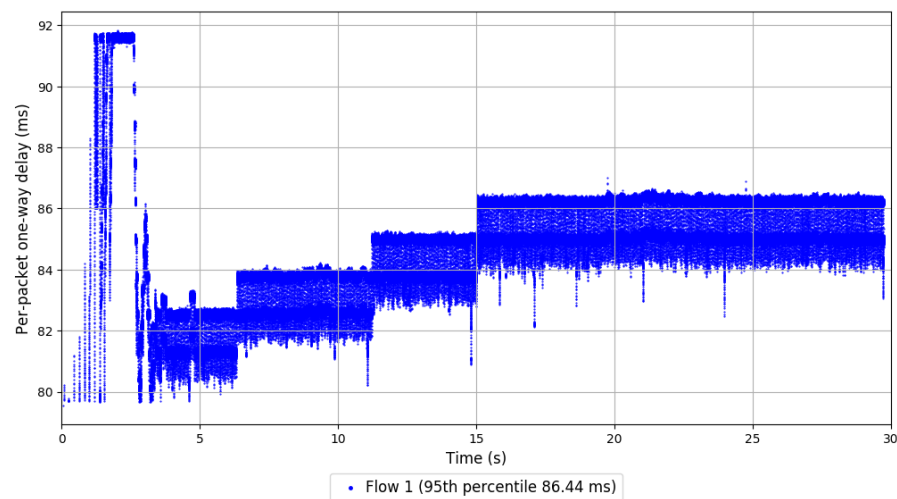
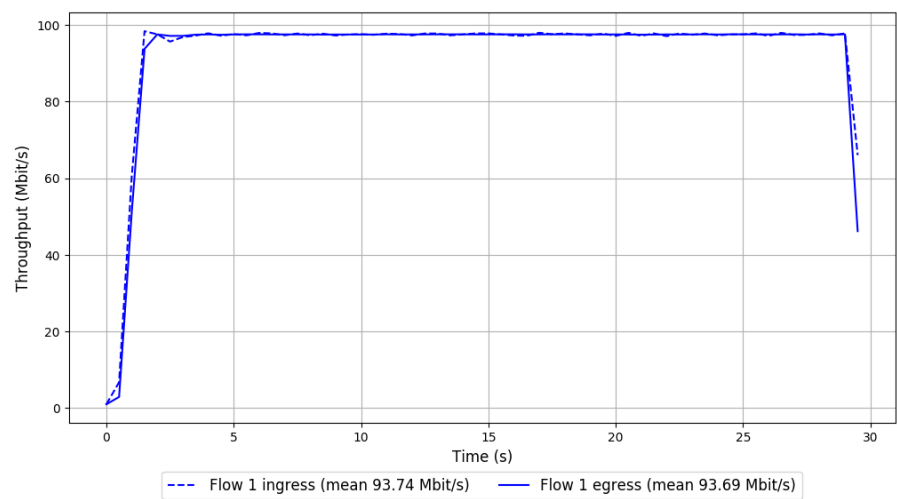
Run 7: Statistics of Indigo-1-32

Start at: 2018-02-03 13:38:09  
End at: 2018-02-03 13:38:39  
Local clock offset: -0.128 ms  
Remote clock offset: -0.511 ms

# Below is generated by plot.py at 2018-02-03 18:40:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.69 Mbit/s  
95th percentile per-packet one-way delay: 86.445 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 93.69 Mbit/s  
95th percentile per-packet one-way delay: 86.445 ms  
Loss rate: 0.66%



Run 7: Report of Indigo-1-32 — Data Link



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-03 13:59:09

End at: 2018-02-03 13:59:39

Local clock offset: -0.129 ms

Remote clock offset: 1.146 ms

# Below is generated by plot.py at 2018-02-03 18:40:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.64 Mbit/s

95th percentile per-packet one-way delay: 88.736 ms

Loss rate: 0.65%

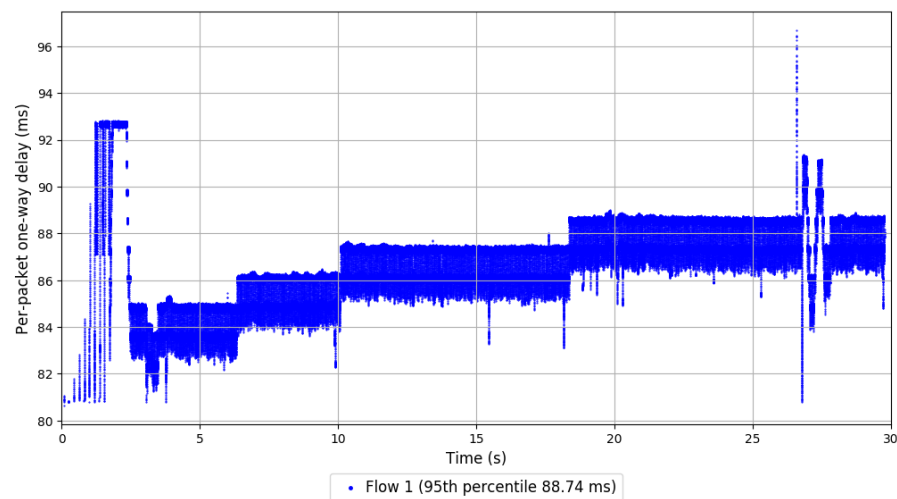
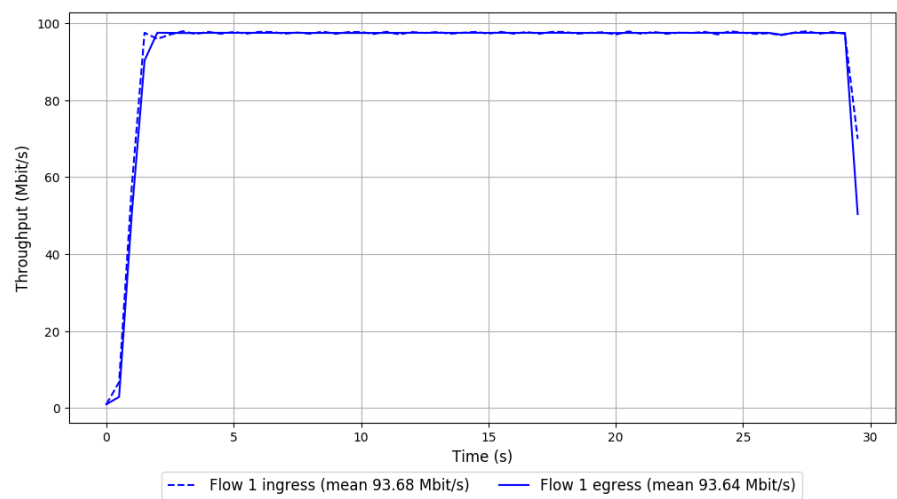
-- Flow 1:

Average throughput: 93.64 Mbit/s

95th percentile per-packet one-way delay: 88.736 ms

Loss rate: 0.65%

Run 8: Report of Indigo-1-32 — Data Link



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-03 14:20:06

End at: 2018-02-03 14:20:36

Local clock offset: -0.099 ms

Remote clock offset: -1.33 ms

# Below is generated by plot.py at 2018-02-03 18:40:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 97.584 ms

Loss rate: 0.69%

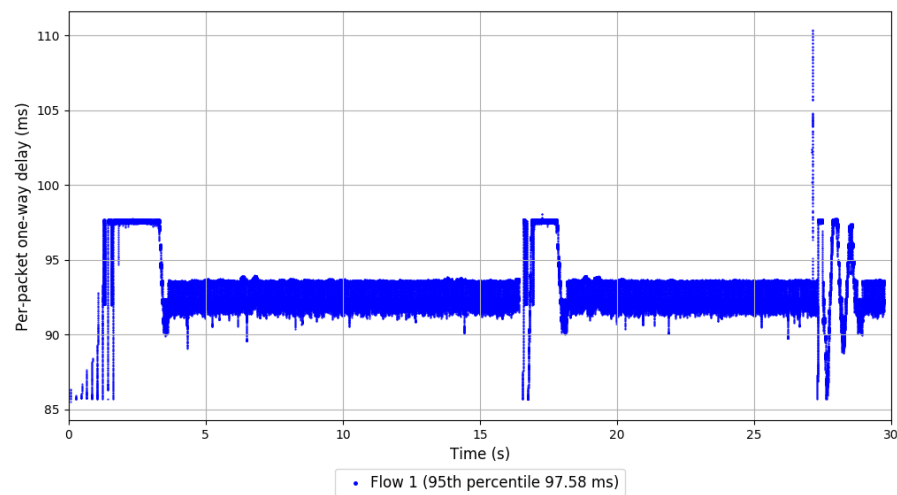
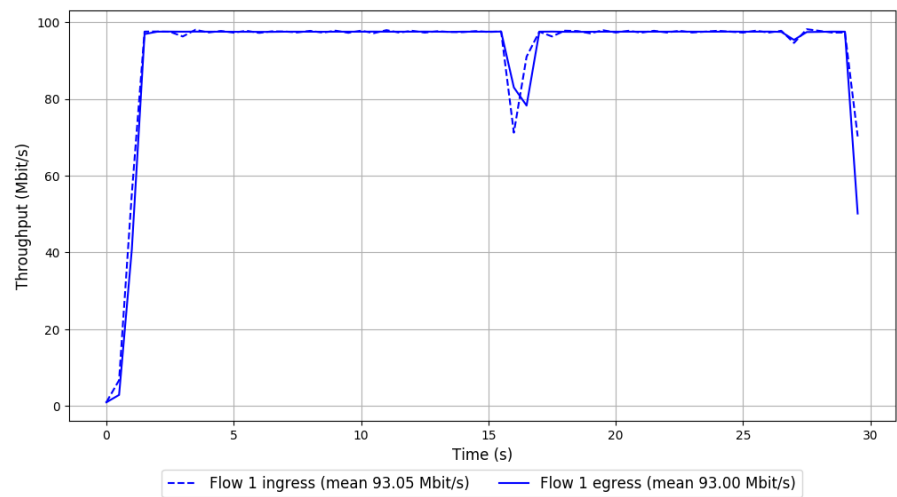
-- Flow 1:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: 97.584 ms

Loss rate: 0.69%

Run 9: Report of Indigo-1-32 — Data Link



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-03 14:41:02

End at: 2018-02-03 14:41:32

Local clock offset: -0.079 ms

Remote clock offset: 3.876 ms

# Below is generated by plot.py at 2018-02-03 18:40:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.55 Mbit/s

95th percentile per-packet one-way delay: 90.019 ms

Loss rate: 0.69%

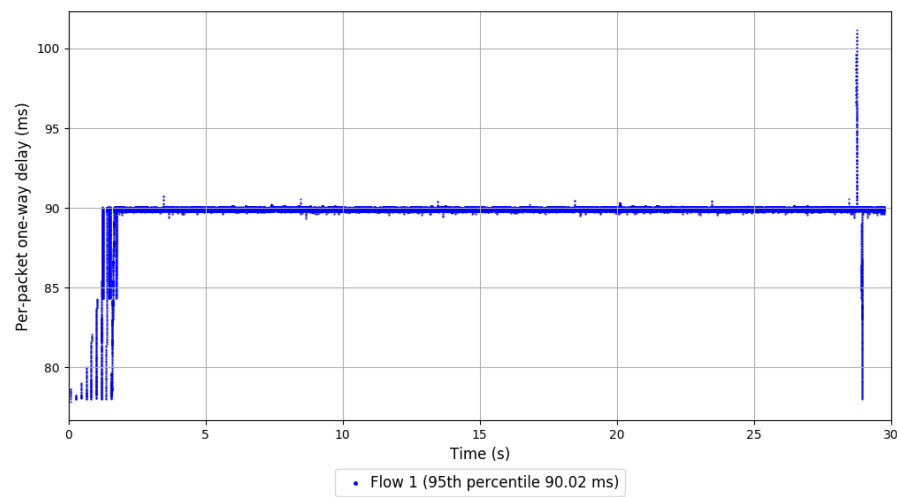
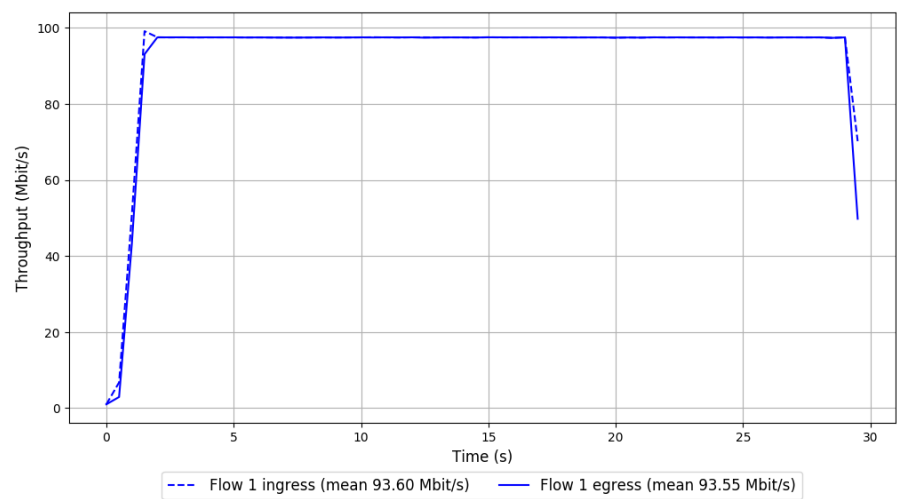
-- Flow 1:

Average throughput: 93.55 Mbit/s

95th percentile per-packet one-way delay: 90.019 ms

Loss rate: 0.69%

Run 10: Report of Indigo-1-32 — Data Link



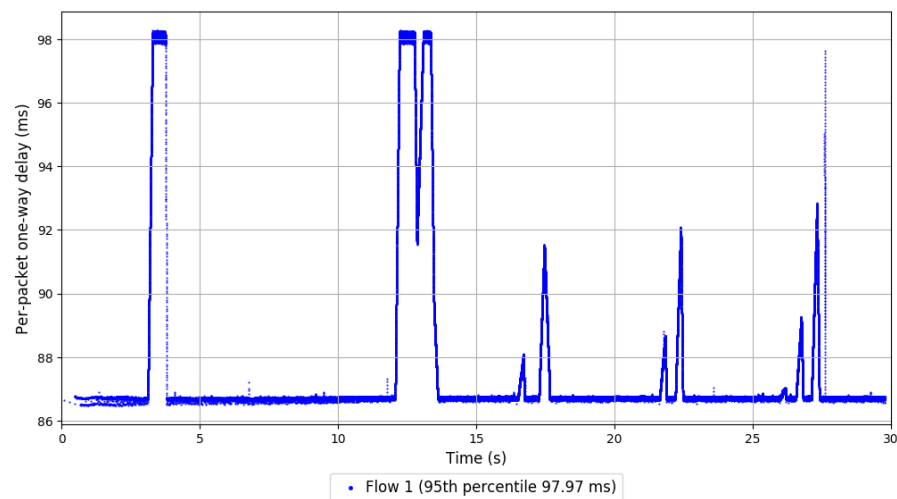
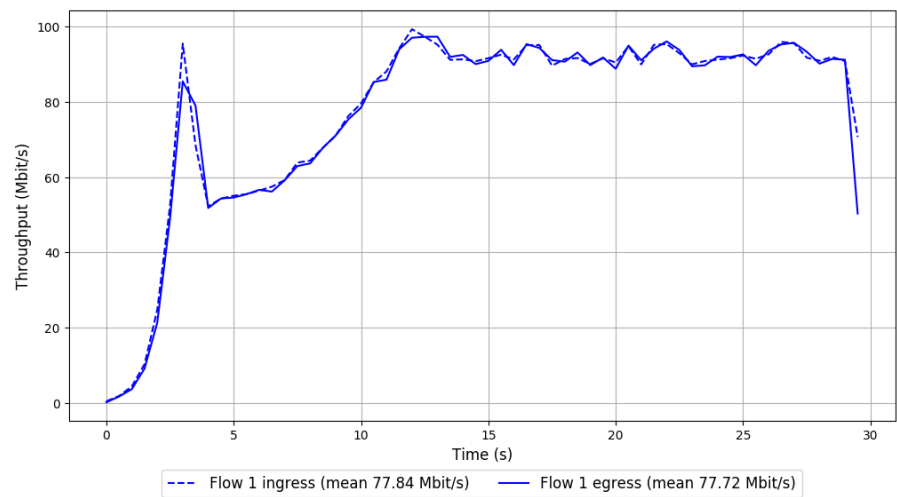
Run 1: Statistics of Vivace-latency

Start at: 2018-02-03 11:23:43  
End at: 2018-02-03 11:24:13  
Local clock offset: -0.217 ms  
Remote clock offset: -5.046 ms

# Below is generated by plot.py at 2018-02-03 18:41:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.72 Mbit/s  
95th percentile per-packet one-way delay: 97.971 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 77.72 Mbit/s  
95th percentile per-packet one-way delay: 97.971 ms  
Loss rate: 0.78%



Run 1: Report of Vivace-latency — Data Link

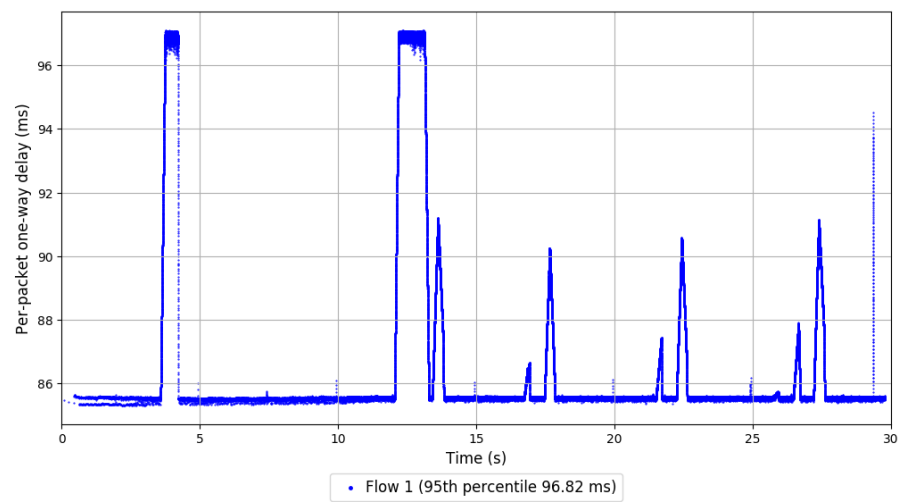
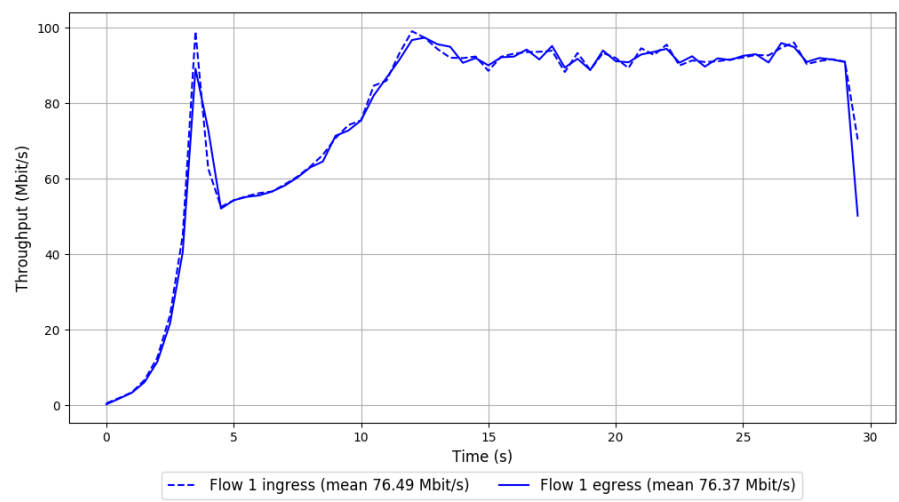


Run 2: Statistics of Vivace-latency

Start at: 2018-02-03 11:44:41  
End at: 2018-02-03 11:45:11  
Local clock offset: -0.202 ms  
Remote clock offset: -5.561 ms

# Below is generated by plot.py at 2018-02-03 18:41:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.37 Mbit/s  
95th percentile per-packet one-way delay: 96.824 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 76.37 Mbit/s  
95th percentile per-packet one-way delay: 96.824 ms  
Loss rate: 0.79%

Run 2: Report of Vivace-latency — Data Link

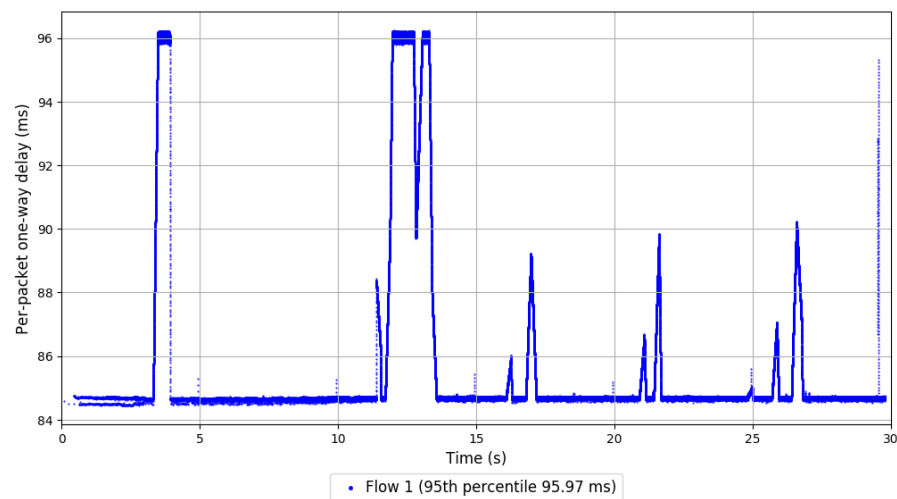
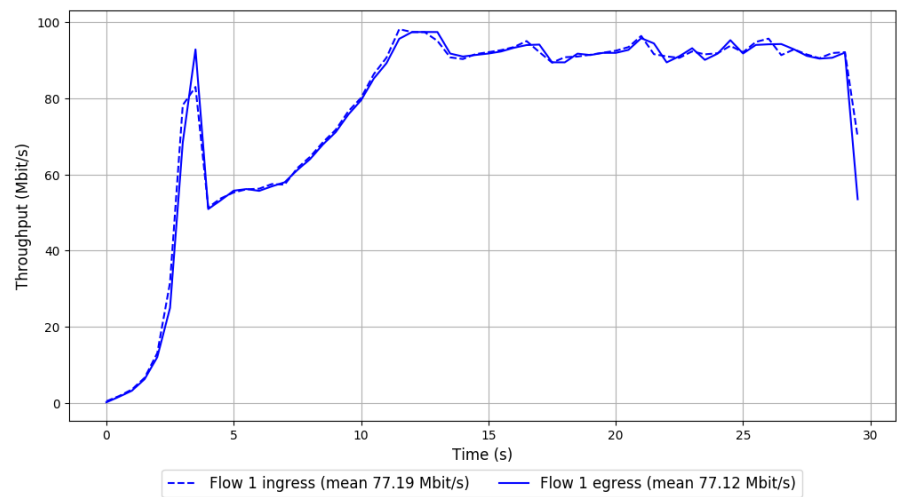


Run 3: Statistics of Vivace-latency

Start at: 2018-02-03 12:05:38  
End at: 2018-02-03 12:06:08  
Local clock offset: -0.239 ms  
Remote clock offset: -6.654 ms

# Below is generated by plot.py at 2018-02-03 18:41:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.12 Mbit/s  
95th percentile per-packet one-way delay: 95.971 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 77.12 Mbit/s  
95th percentile per-packet one-way delay: 95.971 ms  
Loss rate: 0.71%

Run 3: Report of Vivace-latency — Data Link

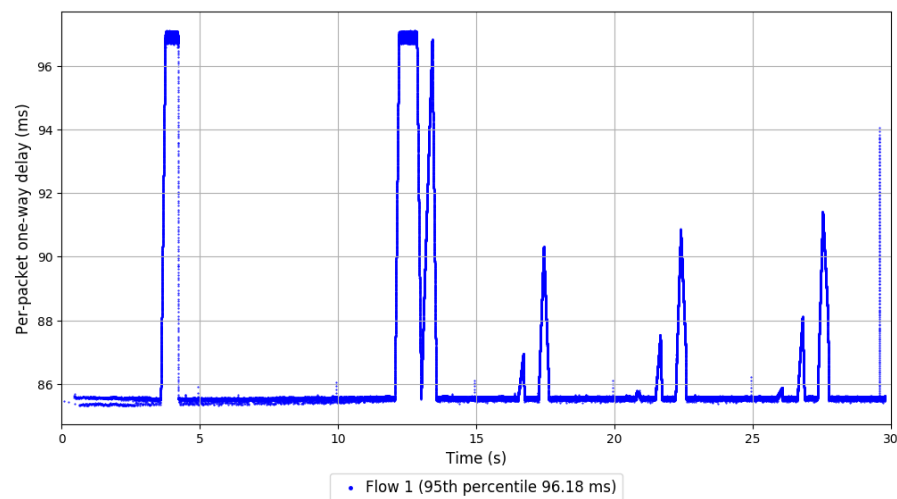
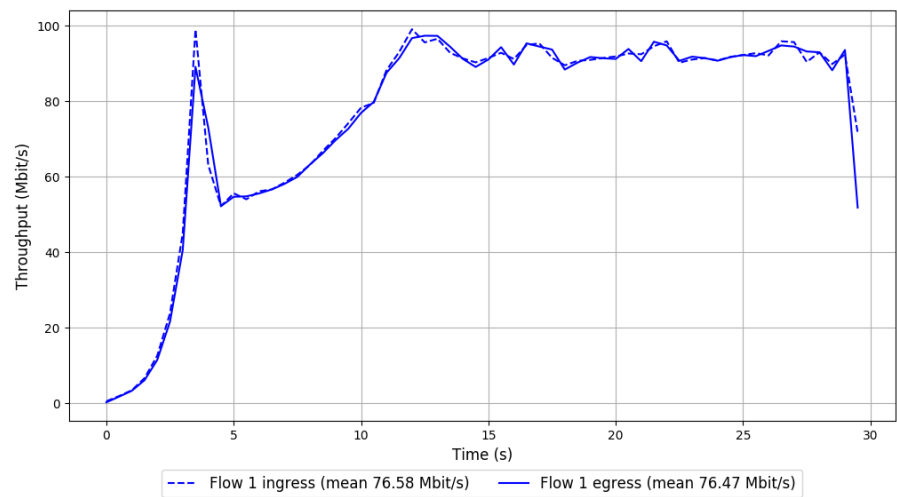


Run 4: Statistics of Vivace-latency

Start at: 2018-02-03 12:26:36  
End at: 2018-02-03 12:27:06  
Local clock offset: -0.263 ms  
Remote clock offset: -6.061 ms

# Below is generated by plot.py at 2018-02-03 18:42:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.47 Mbit/s  
95th percentile per-packet one-way delay: 96.183 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 76.47 Mbit/s  
95th percentile per-packet one-way delay: 96.183 ms  
Loss rate: 0.77%

Run 4: Report of Vivace-latency — Data Link



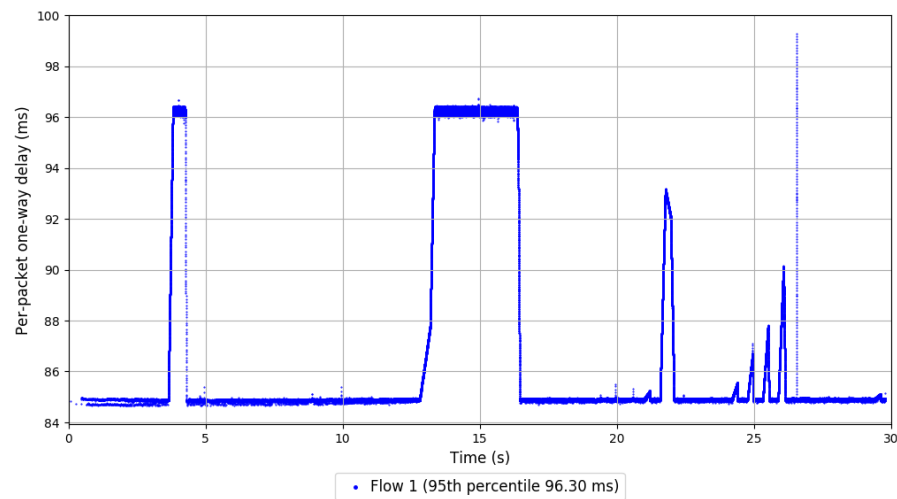
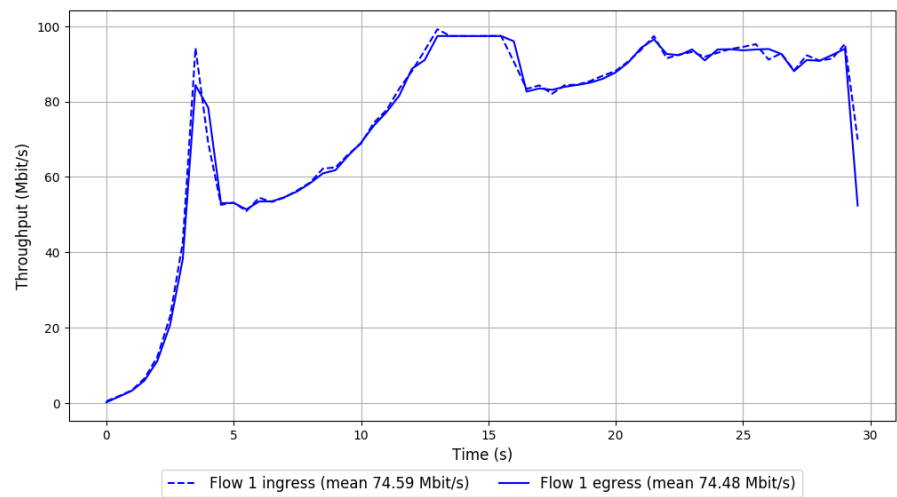
Run 5: Statistics of Vivace-latency

Start at: 2018-02-03 12:47:34  
End at: 2018-02-03 12:48:04  
Local clock offset: -0.213 ms  
Remote clock offset: -7.059 ms

# Below is generated by plot.py at 2018-02-03 18:42:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.48 Mbit/s  
95th percentile per-packet one-way delay: 96.297 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 74.48 Mbit/s  
95th percentile per-packet one-way delay: 96.297 ms  
Loss rate: 0.76%



Run 5: Report of Vivace-latency — Data Link

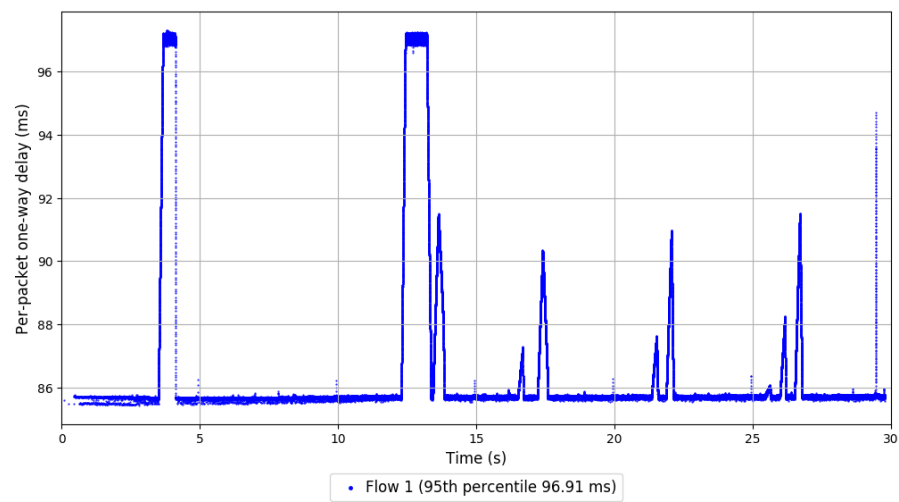
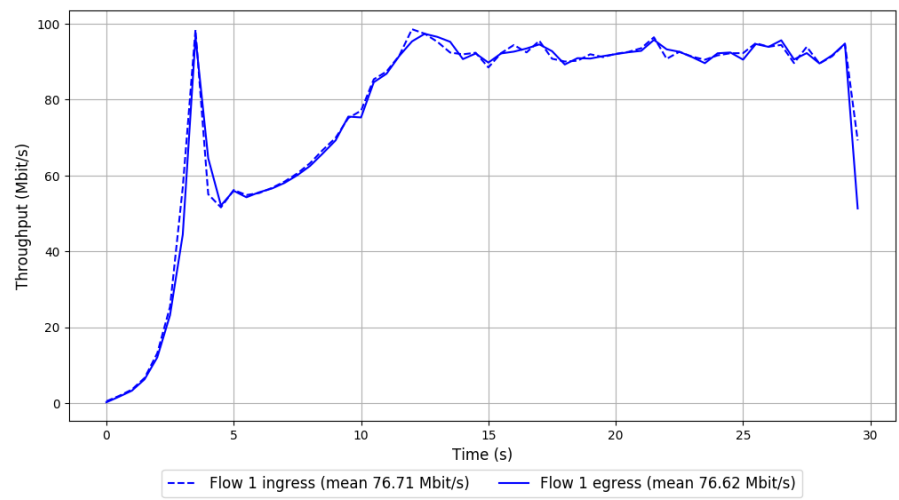


Run 6: Statistics of Vivace-latency

Start at: 2018-02-03 13:08:31  
End at: 2018-02-03 13:09:01  
Local clock offset: -0.208 ms  
Remote clock offset: -5.807 ms

# Below is generated by plot.py at 2018-02-03 18:42:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.62 Mbit/s  
95th percentile per-packet one-way delay: 96.910 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 76.62 Mbit/s  
95th percentile per-packet one-way delay: 96.910 ms  
Loss rate: 0.74%

Run 6: Report of Vivace-latency — Data Link

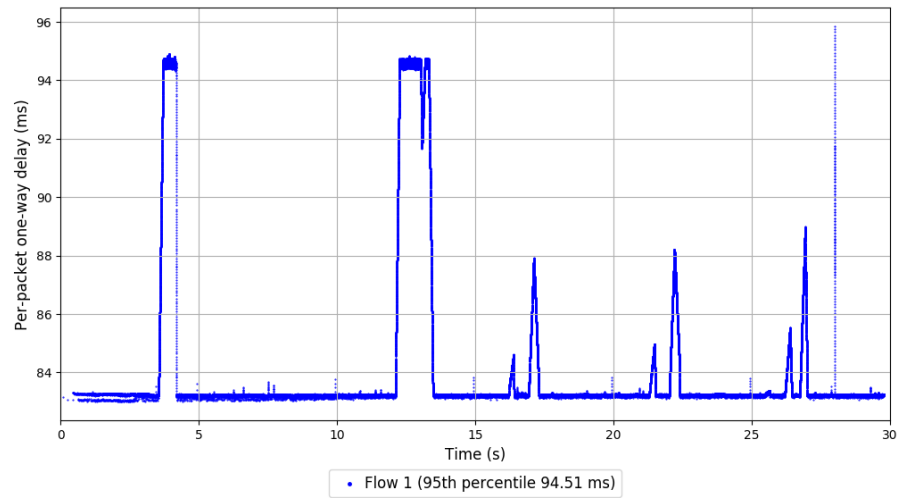
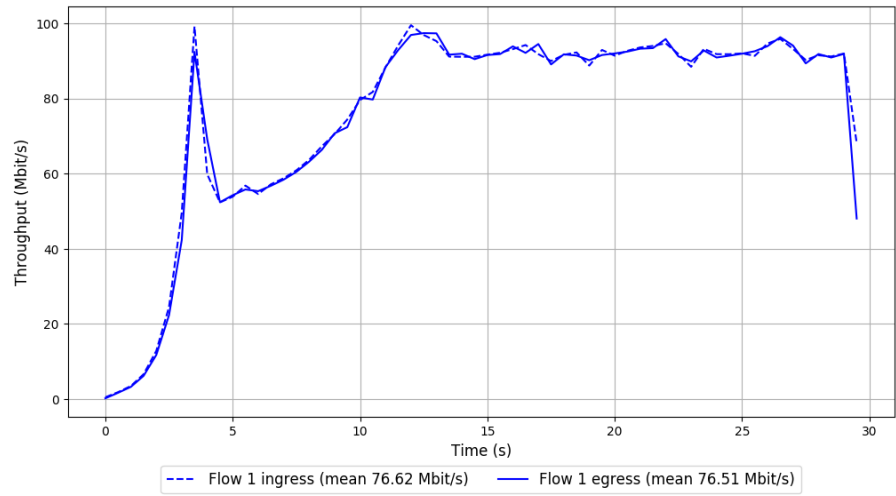


Run 7: Statistics of Vivace-latency

Start at: 2018-02-03 13:29:29  
End at: 2018-02-03 13:29:59  
Local clock offset: -0.124 ms  
Remote clock offset: -0.724 ms

# Below is generated by plot.py at 2018-02-03 18:42:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.51 Mbit/s  
95th percentile per-packet one-way delay: 94.506 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 76.51 Mbit/s  
95th percentile per-packet one-way delay: 94.506 ms  
Loss rate: 0.77%

### Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-02-03 13:50:31

End at: 2018-02-03 13:51:01

Local clock offset: -0.132 ms

Remote clock offset: 1.545 ms

# Below is generated by plot.py at 2018-02-03 18:42:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.07 Mbit/s

95th percentile per-packet one-way delay: 92.503 ms

Loss rate: 0.76%

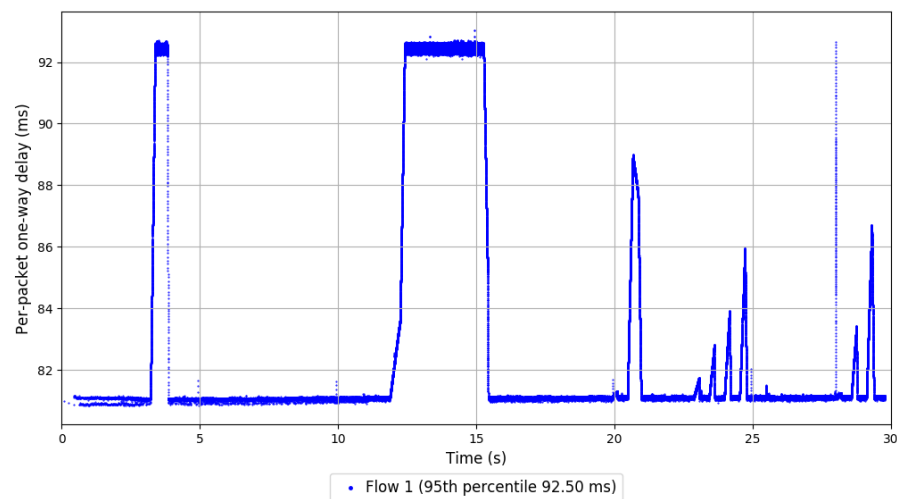
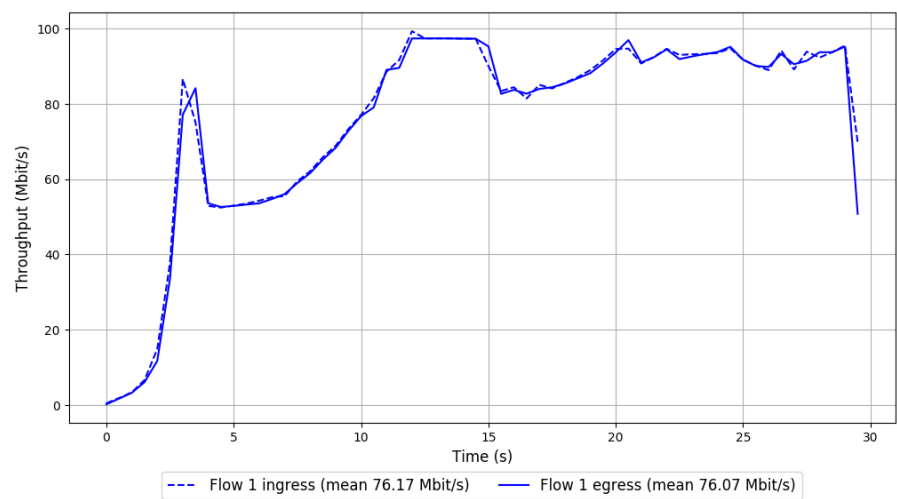
-- Flow 1:

Average throughput: 76.07 Mbit/s

95th percentile per-packet one-way delay: 92.503 ms

Loss rate: 0.76%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-03 14:11:29

End at: 2018-02-03 14:11:59

Local clock offset: -0.129 ms

Remote clock offset: 2.799 ms

# Below is generated by plot.py at 2018-02-03 18:42:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.65 Mbit/s

95th percentile per-packet one-way delay: 89.335 ms

Loss rate: 0.73%

-- Flow 1:

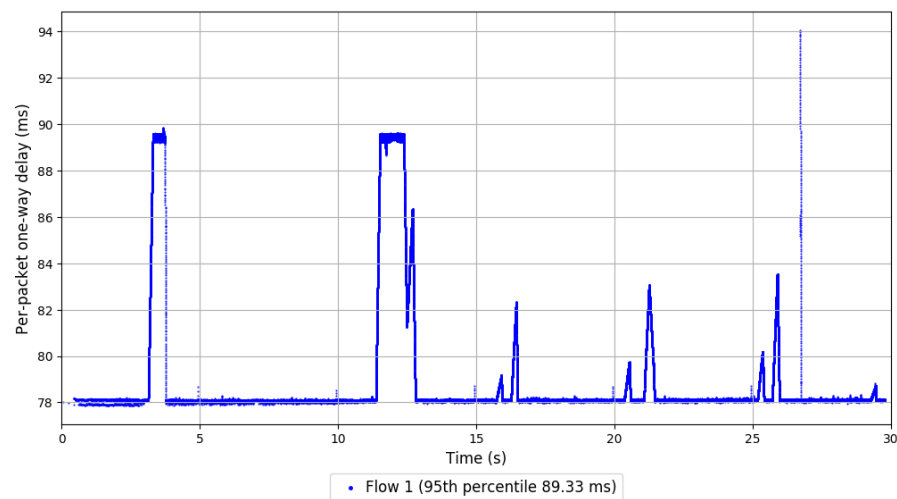
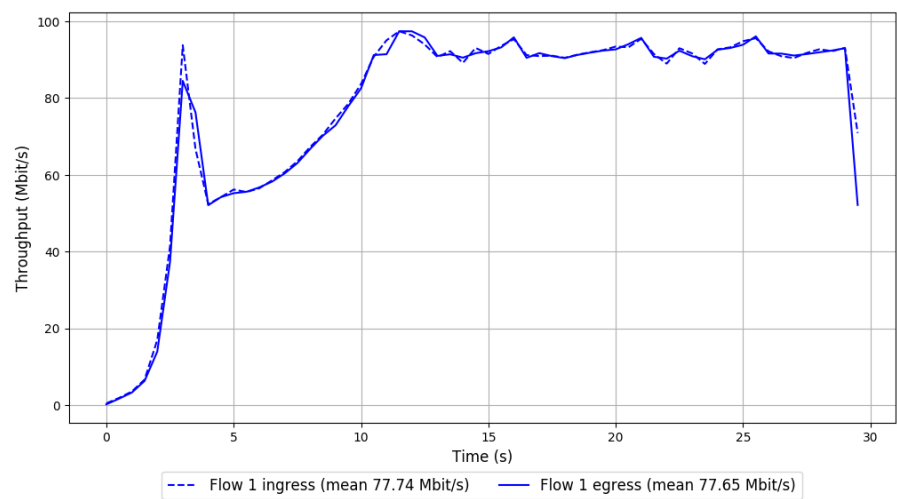
Average throughput: 77.65 Mbit/s

95th percentile per-packet one-way delay: 89.335 ms

Loss rate: 0.73%



Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-02-03 14:32:25

End at: 2018-02-03 14:32:56

Local clock offset: -0.117 ms

Remote clock offset: 2.872 ms

# Below is generated by plot.py at 2018-02-03 18:42:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 89.231 ms

Loss rate: 0.74%

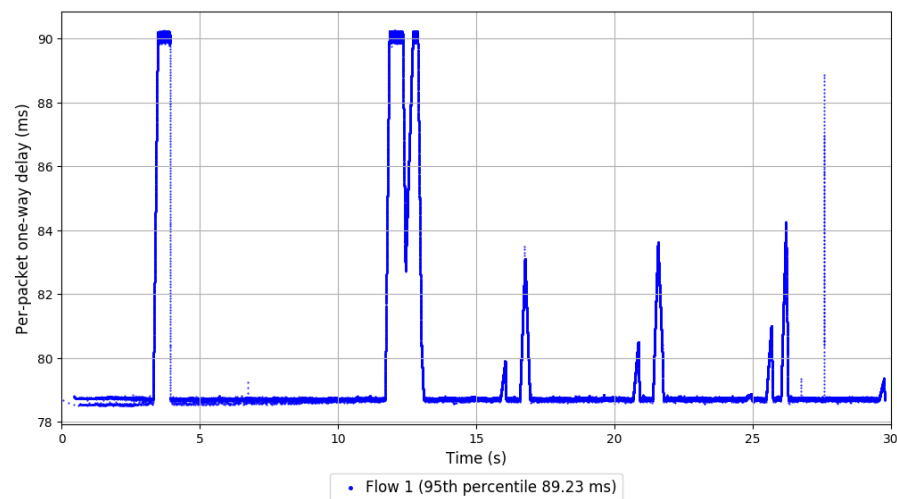
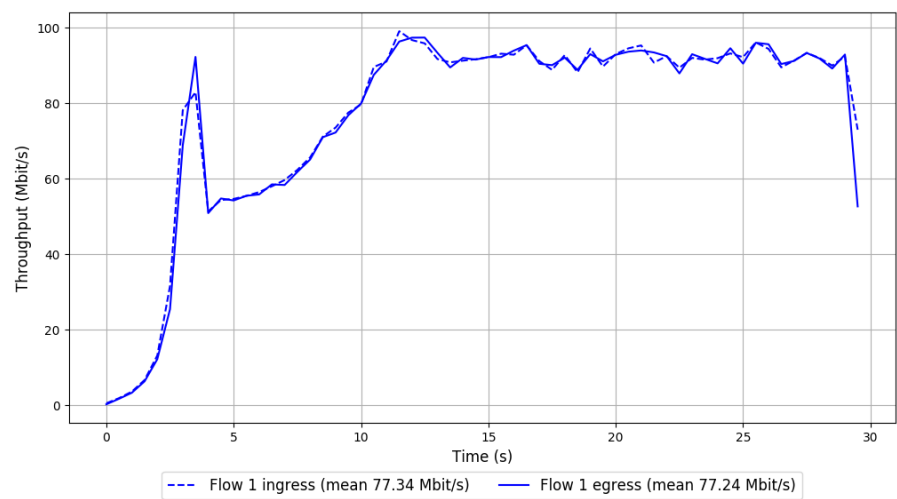
-- Flow 1:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 89.231 ms

Loss rate: 0.74%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-03 11:22:27

End at: 2018-02-03 11:22:57

Local clock offset: -0.241 ms

Remote clock offset: -5.153 ms

# Below is generated by plot.py at 2018-02-03 18:43:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.42 Mbit/s

95th percentile per-packet one-way delay: 95.120 ms

Loss rate: 0.81%

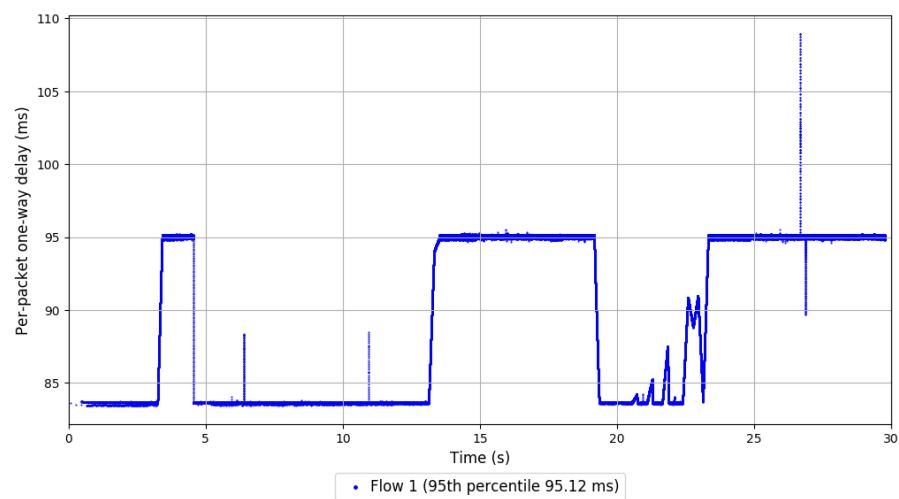
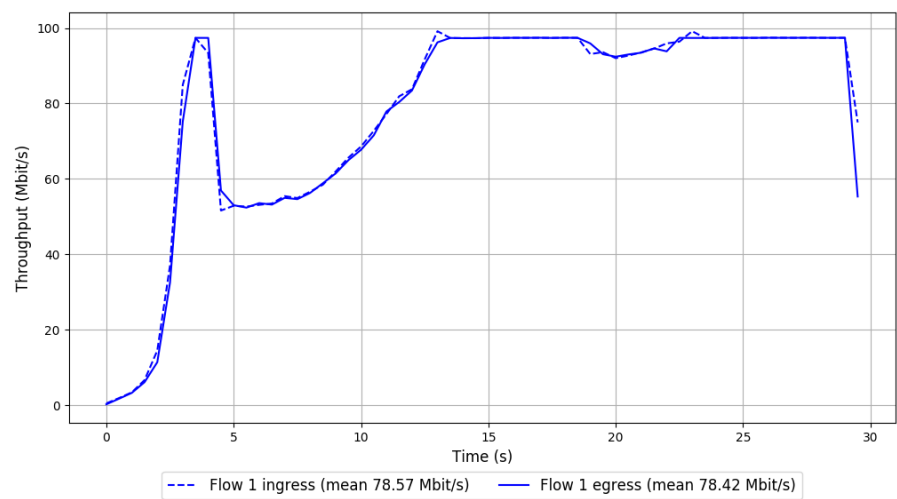
-- Flow 1:

Average throughput: 78.42 Mbit/s

95th percentile per-packet one-way delay: 95.120 ms

Loss rate: 0.81%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-03 11:43:25

End at: 2018-02-03 11:43:55

Local clock offset: -0.191 ms

Remote clock offset: 0.122 ms

# Below is generated by plot.py at 2018-02-03 18:43:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.56 Mbit/s

95th percentile per-packet one-way delay: 89.664 ms

Loss rate: 0.81%

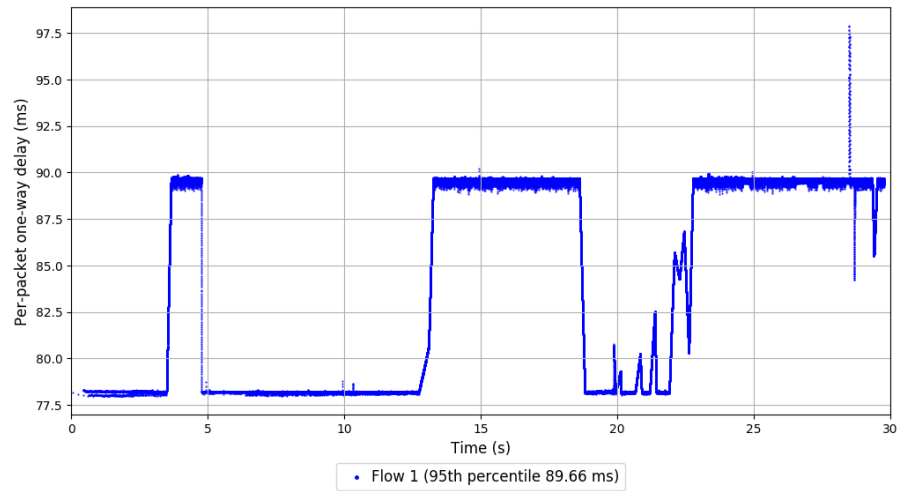
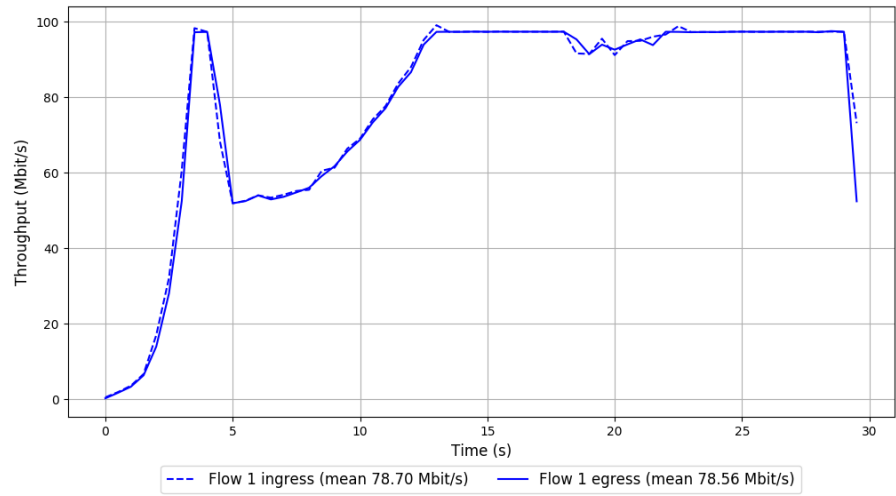
-- Flow 1:

Average throughput: 78.56 Mbit/s

95th percentile per-packet one-way delay: 89.664 ms

Loss rate: 0.81%

## Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-03 12:04:22

End at: 2018-02-03 12:04:52

Local clock offset: -0.217 ms

Remote clock offset: -6.635 ms

# Below is generated by plot.py at 2018-02-03 18:43:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.73 Mbit/s

95th percentile per-packet one-way delay: 97.832 ms

Loss rate: 0.81%

-- Flow 1:

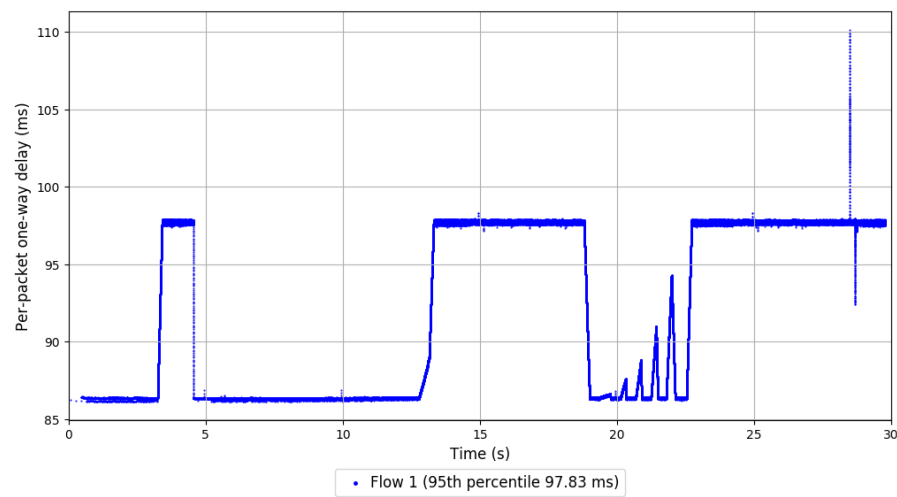
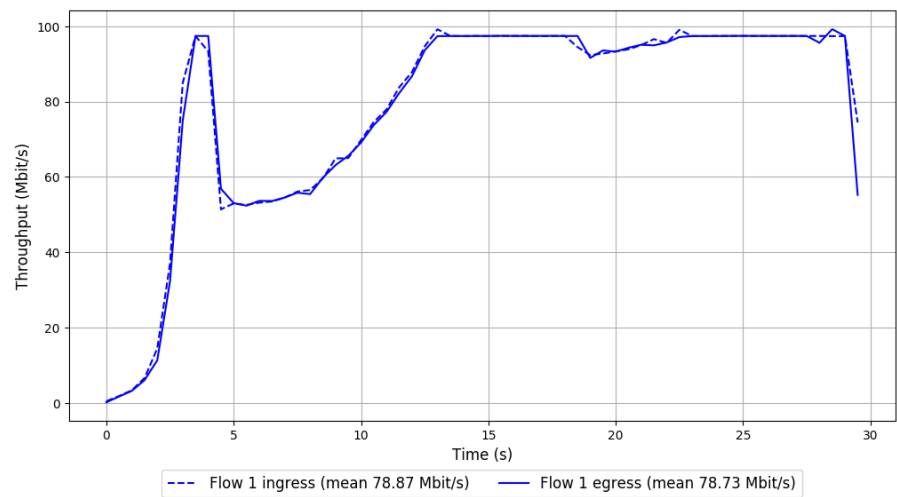
Average throughput: 78.73 Mbit/s

95th percentile per-packet one-way delay: 97.832 ms

Loss rate: 0.81%



Run 3: Report of Vivace-loss — Data Link

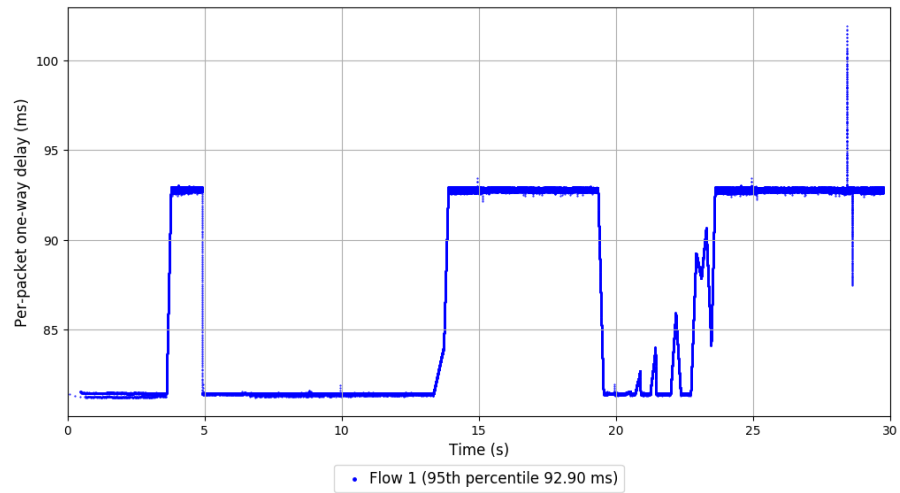
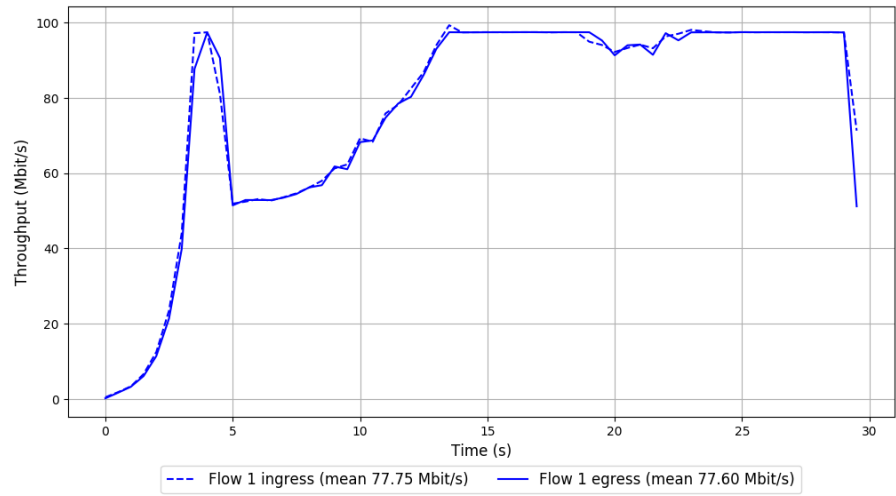


Run 4: Statistics of Vivace-loss

Start at: 2018-02-03 12:25:20  
End at: 2018-02-03 12:25:50  
Local clock offset: -0.238 ms  
Remote clock offset: -0.234 ms

# Below is generated by plot.py at 2018-02-03 18:43:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.60 Mbit/s  
95th percentile per-packet one-way delay: 92.901 ms  
Loss rate: 0.82%  
-- Flow 1:  
Average throughput: 77.60 Mbit/s  
95th percentile per-packet one-way delay: 92.901 ms  
Loss rate: 0.82%

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

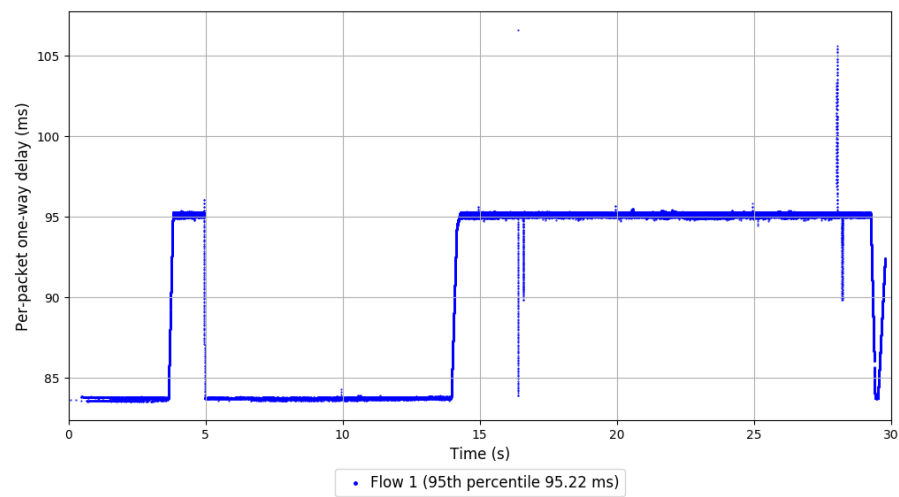
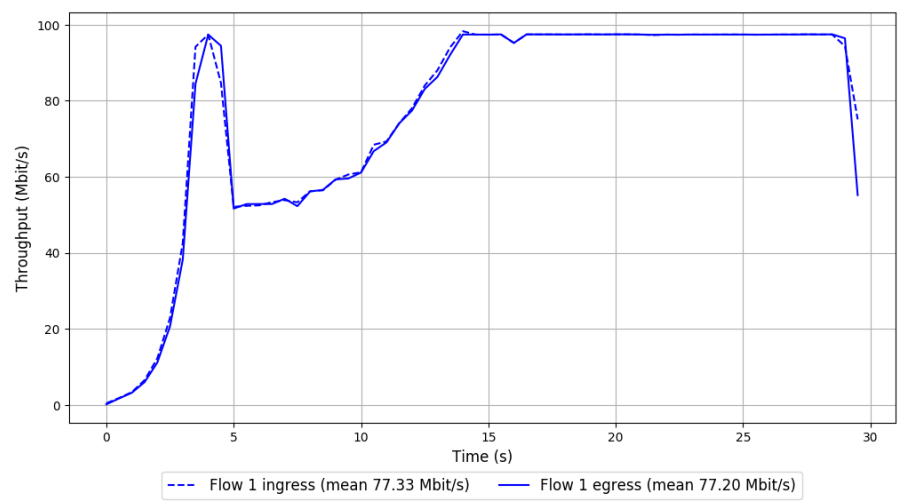


Run 5: Statistics of Vivace-loss

Start at: 2018-02-03 12:46:19  
End at: 2018-02-03 12:46:49  
Local clock offset: -0.212 ms  
Remote clock offset: -6.279 ms

# Below is generated by plot.py at 2018-02-03 18:43:19  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.20 Mbit/s  
95th percentile per-packet one-way delay: 95.223 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 77.20 Mbit/s  
95th percentile per-packet one-way delay: 95.223 ms  
Loss rate: 0.79%

Run 5: Report of Vivace-loss — Data Link

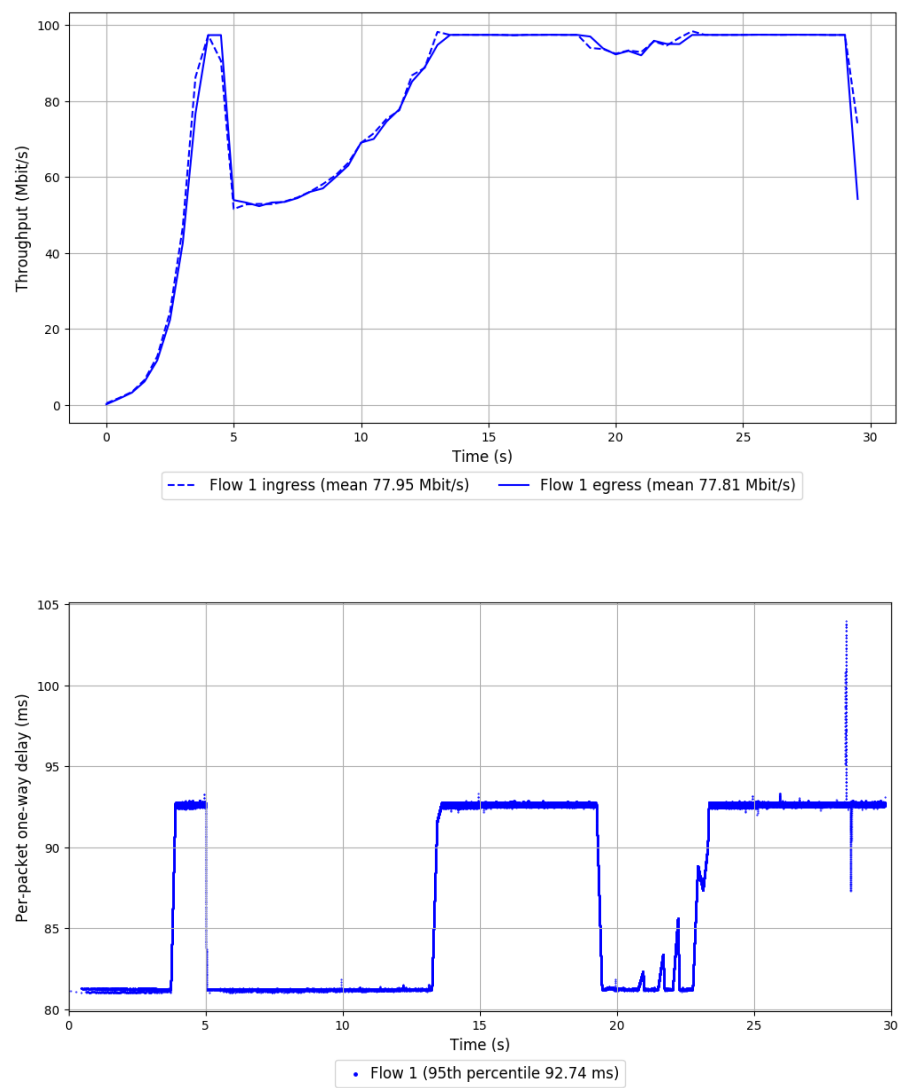


Run 6: Statistics of Vivace-loss

Start at: 2018-02-03 13:07:15  
End at: 2018-02-03 13:07:45  
Local clock offset: -0.234 ms  
Remote clock offset: -1.871 ms

# Below is generated by plot.py at 2018-02-03 18:43:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.81 Mbit/s  
95th percentile per-packet one-way delay: 92.740 ms  
Loss rate: 0.80%  
-- Flow 1:  
Average throughput: 77.81 Mbit/s  
95th percentile per-packet one-way delay: 92.740 ms  
Loss rate: 0.80%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-03 13:28:13

End at: 2018-02-03 13:28:43

Local clock offset: -0.125 ms

Remote clock offset: 0.993 ms

# Below is generated by plot.py at 2018-02-03 18:43:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.88 Mbit/s

95th percentile per-packet one-way delay: 89.788 ms

Loss rate: 0.82%

-- Flow 1:

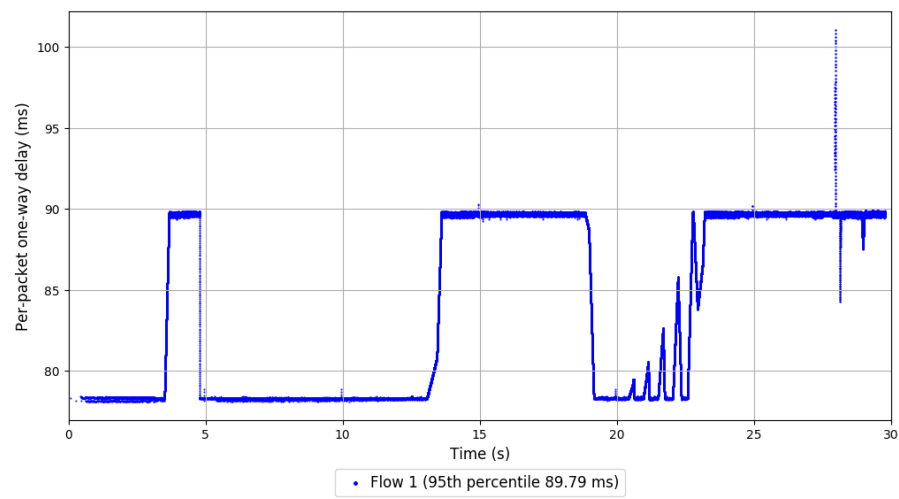
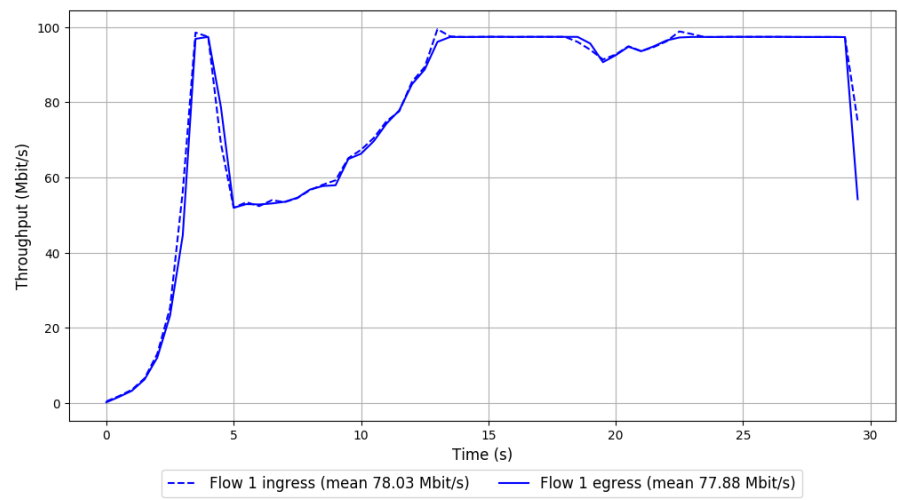
Average throughput: 77.88 Mbit/s

95th percentile per-packet one-way delay: 89.788 ms

Loss rate: 0.82%



Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-03 13:49:15

End at: 2018-02-03 13:49:45

Local clock offset: -0.125 ms

Remote clock offset: -4.29 ms

# Below is generated by plot.py at 2018-02-03 18:43:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.03 Mbit/s

95th percentile per-packet one-way delay: 98.719 ms

Loss rate: 0.84%

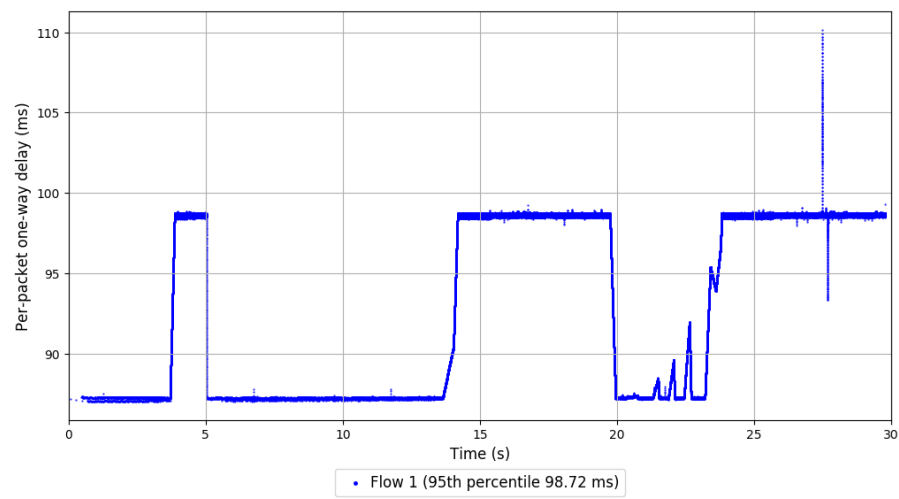
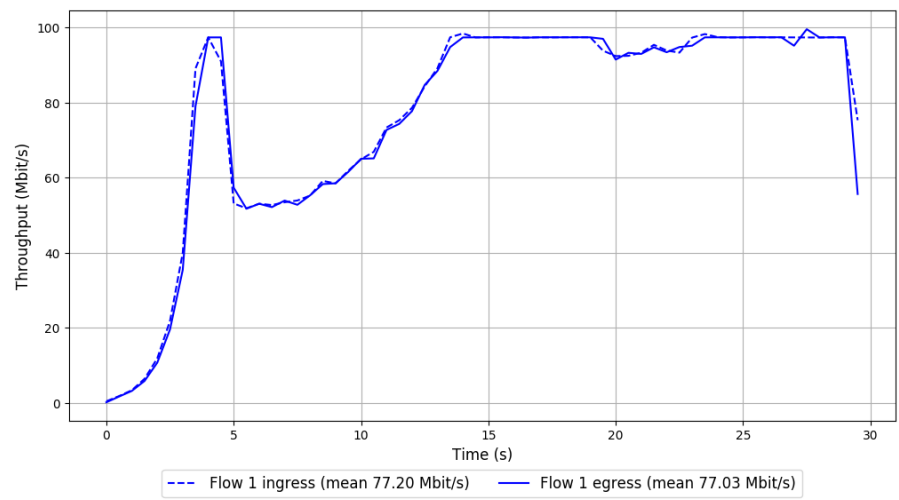
-- Flow 1:

Average throughput: 77.03 Mbit/s

95th percentile per-packet one-way delay: 98.719 ms

Loss rate: 0.84%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-03 14:10:14

End at: 2018-02-03 14:10:44

Local clock offset: -0.179 ms

Remote clock offset: 1.827 ms

# Below is generated by plot.py at 2018-02-03 18:44:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 91.716 ms

Loss rate: 0.83%

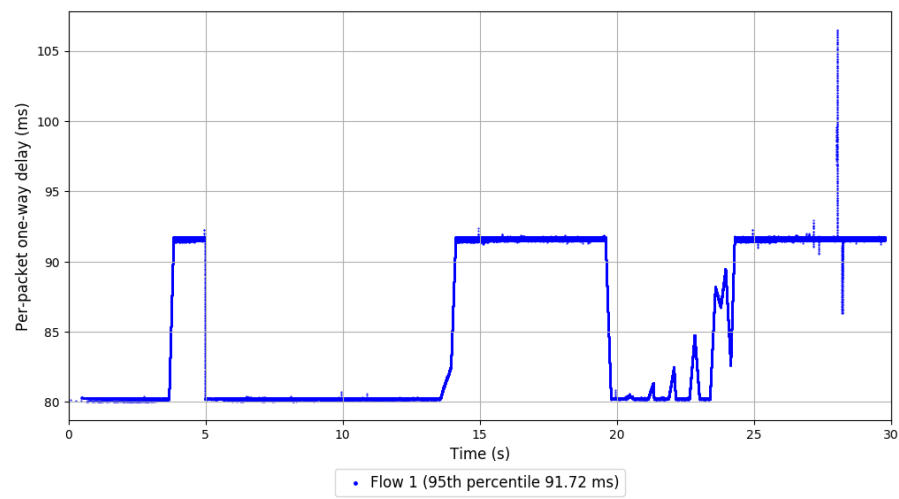
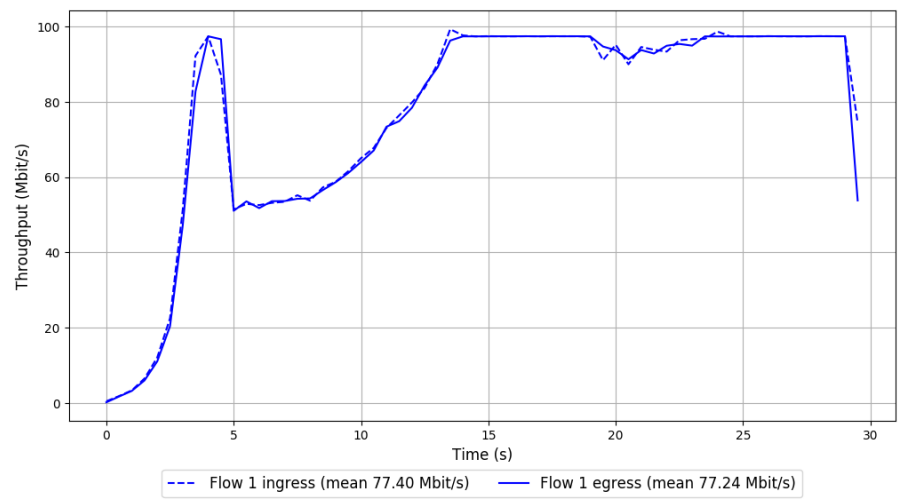
-- Flow 1:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 91.716 ms

Loss rate: 0.83%

Run 9: Report of Vivace-loss — Data Link

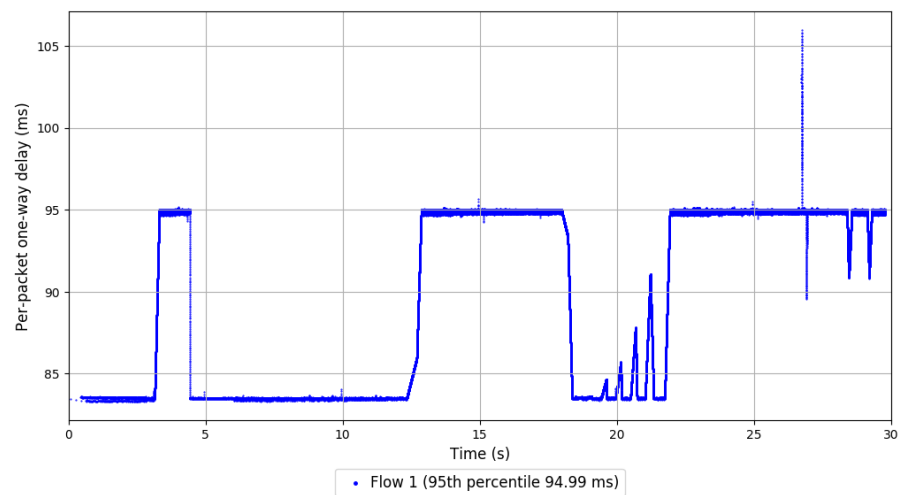
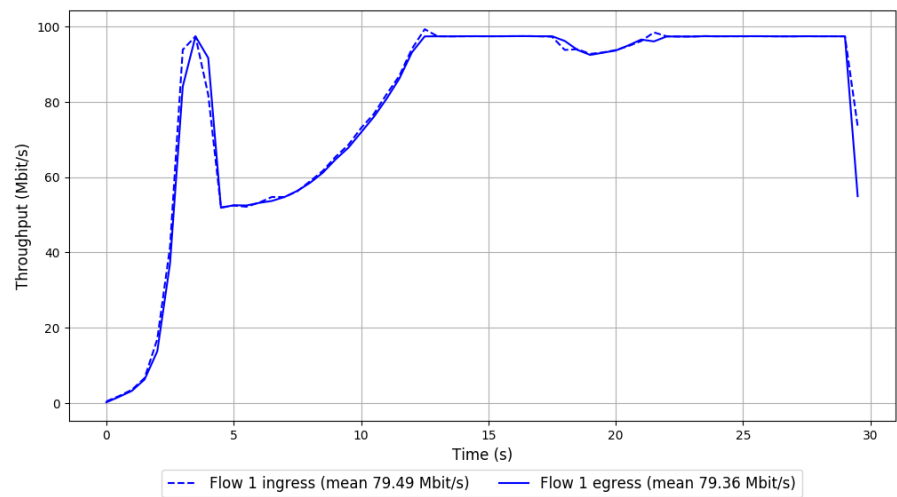


Run 10: Statistics of Vivace-loss

Start at: 2018-02-03 14:31:10  
End at: 2018-02-03 14:31:40  
Local clock offset: -0.056 ms  
Remote clock offset: -1.727 ms

# Below is generated by plot.py at 2018-02-03 18:44:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.36 Mbit/s  
95th percentile per-packet one-way delay: 94.993 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 79.36 Mbit/s  
95th percentile per-packet one-way delay: 94.993 ms  
Loss rate: 0.78%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-03 11:27:28

End at: 2018-02-03 11:27:58

Local clock offset: -0.284 ms

Remote clock offset: 0.481 ms

# Below is generated by plot.py at 2018-02-03 18:44:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.54 Mbit/s

95th percentile per-packet one-way delay: 92.891 ms

Loss rate: 0.81%

-- Flow 1:

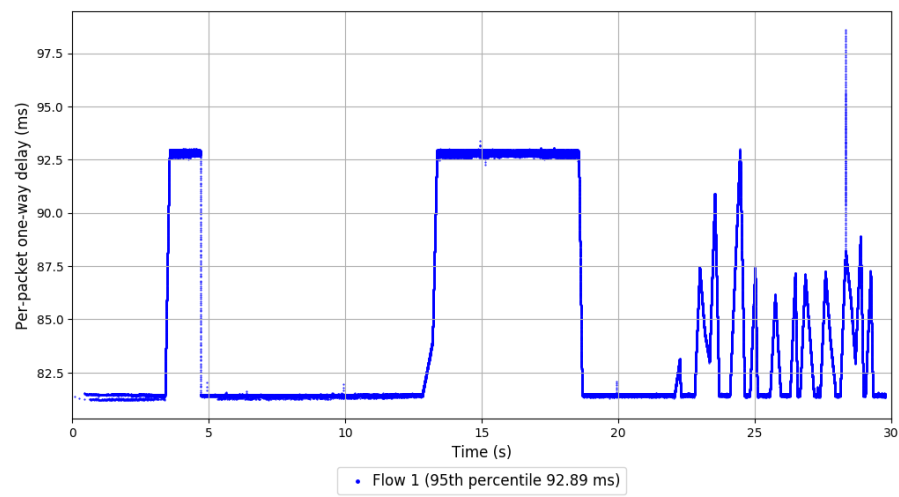
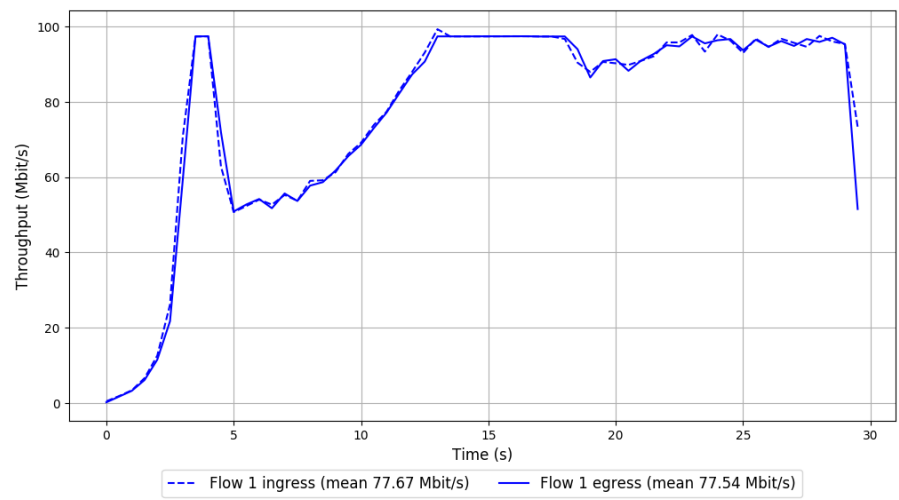
Average throughput: 77.54 Mbit/s

95th percentile per-packet one-way delay: 92.891 ms

Loss rate: 0.81%



Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-03 11:48:26

End at: 2018-02-03 11:48:56

Local clock offset: -0.284 ms

Remote clock offset: 0.082 ms

# Below is generated by plot.py at 2018-02-03 18:44:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.73 Mbit/s

95th percentile per-packet one-way delay: 92.883 ms

Loss rate: 0.79%

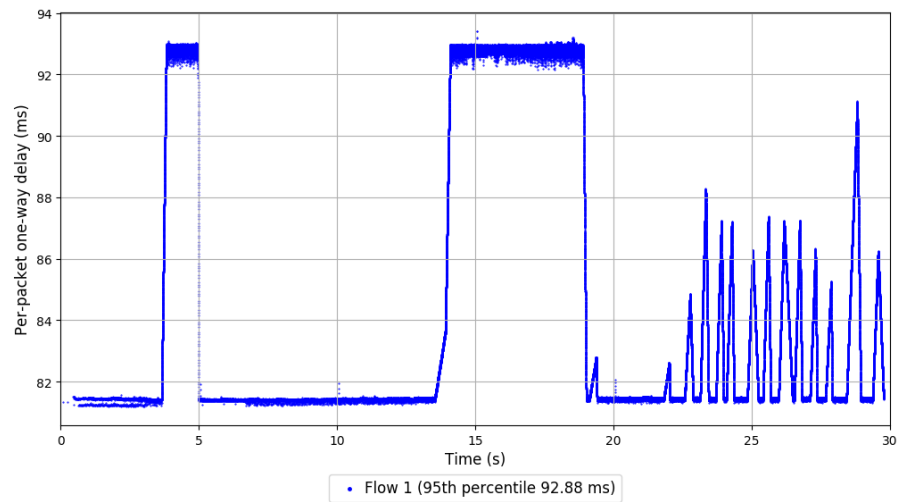
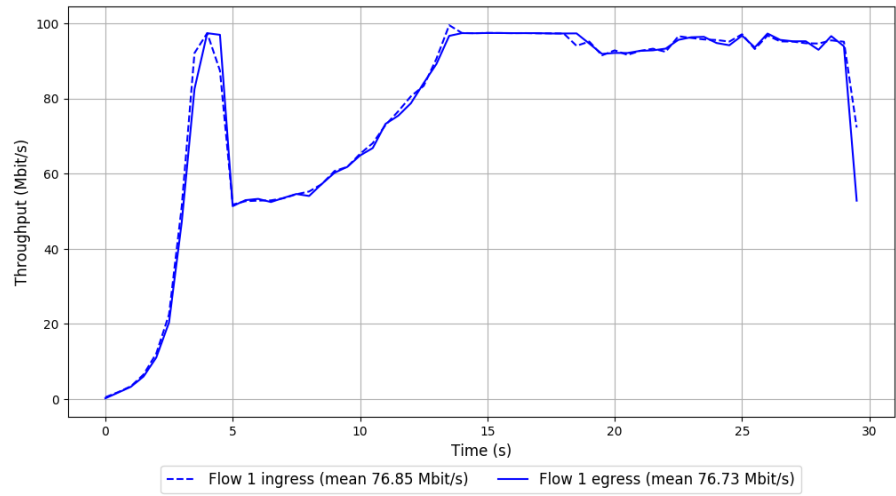
-- Flow 1:

Average throughput: 76.73 Mbit/s

95th percentile per-packet one-way delay: 92.883 ms

Loss rate: 0.79%

## Run 2: Report of Vivace-LTE — Data Link

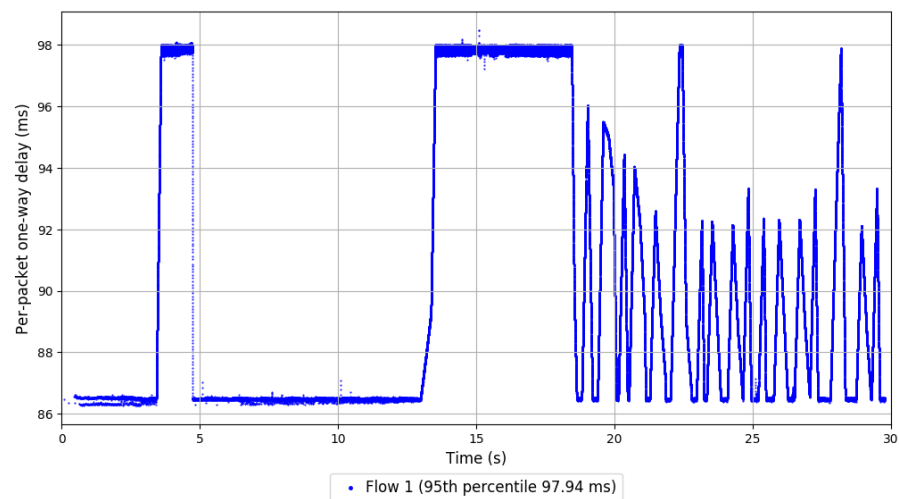
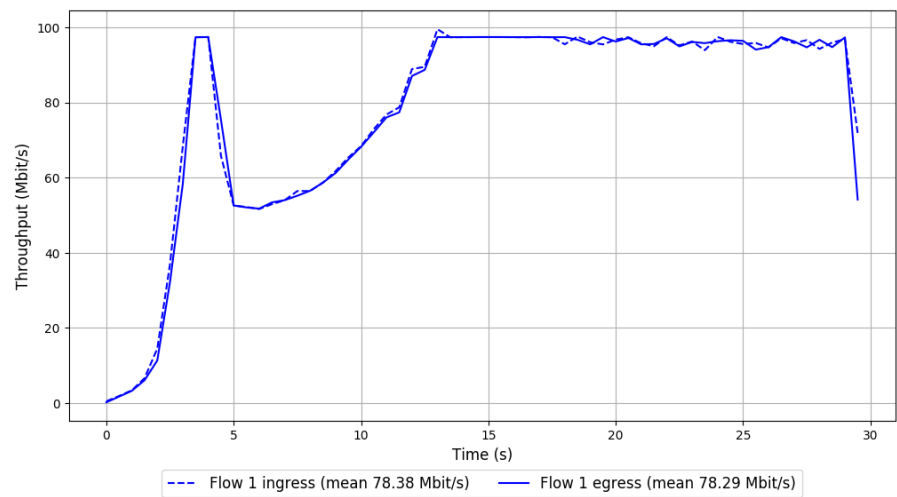


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-03 12:09:22  
End at: 2018-02-03 12:09:52  
Local clock offset: -0.222 ms  
Remote clock offset: -6.653 ms

# Below is generated by plot.py at 2018-02-03 18:44:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.29 Mbit/s  
95th percentile per-packet one-way delay: 97.940 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 78.29 Mbit/s  
95th percentile per-packet one-way delay: 97.940 ms  
Loss rate: 0.74%

Run 3: Report of Vivace-LTE — Data Link

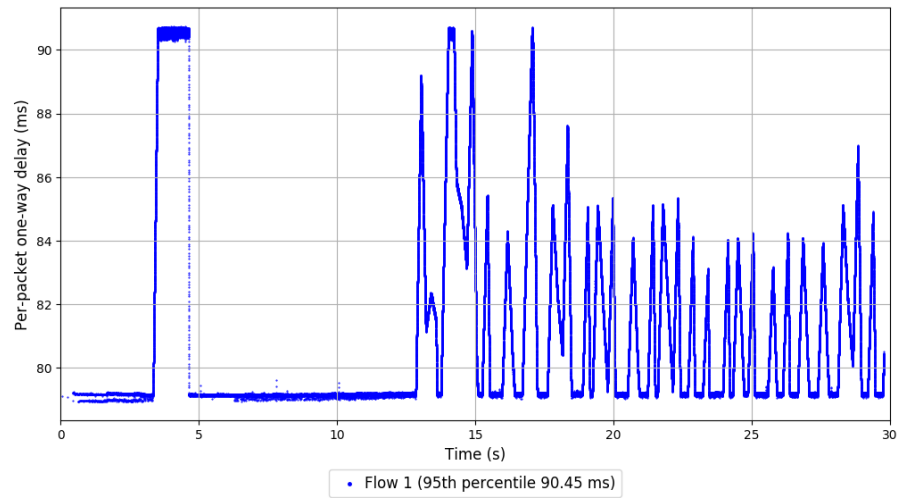
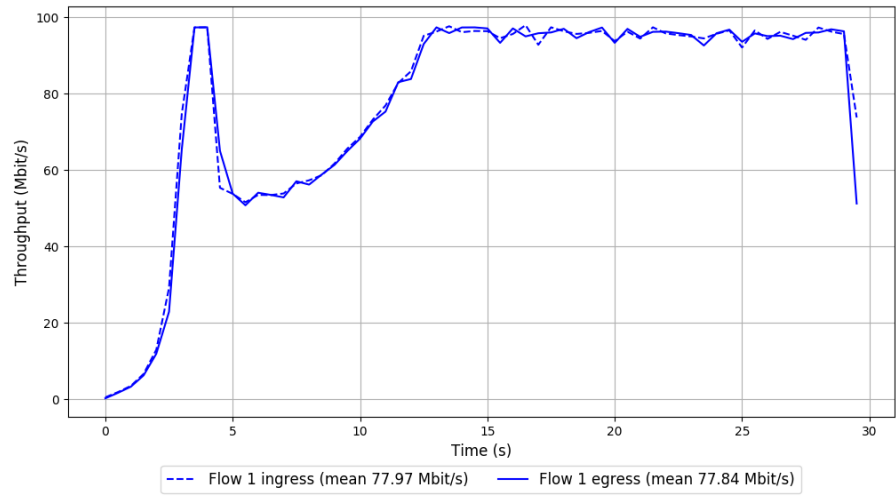


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-03 12:30:20  
End at: 2018-02-03 12:30:50  
Local clock offset: -0.231 ms  
Remote clock offset: -1.179 ms

# Below is generated by plot.py at 2018-02-03 18:44:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.84 Mbit/s  
95th percentile per-packet one-way delay: 90.454 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 77.84 Mbit/s  
95th percentile per-packet one-way delay: 90.454 ms  
Loss rate: 0.79%

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



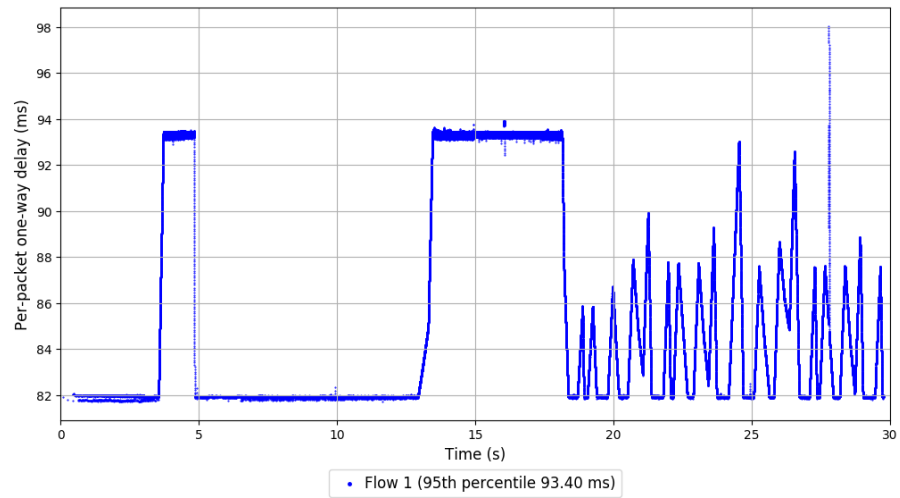
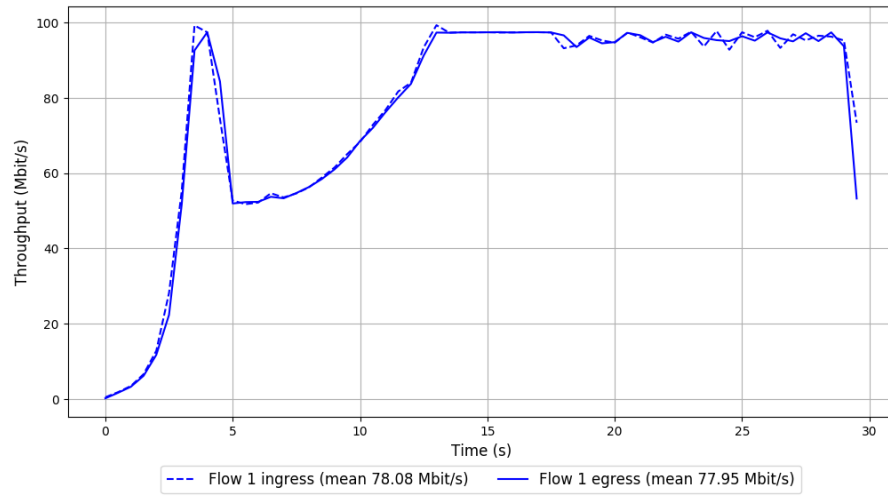
Run 5: Statistics of Vivace-LTE

Start at: 2018-02-03 12:51:18  
End at: 2018-02-03 12:51:48  
Local clock offset: -0.214 ms  
Remote clock offset: -1.347 ms

# Below is generated by plot.py at 2018-02-03 18:44:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.95 Mbit/s  
95th percentile per-packet one-way delay: 93.400 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 77.95 Mbit/s  
95th percentile per-packet one-way delay: 93.400 ms  
Loss rate: 0.79%



### Run 5: Report of Vivace-LTE — Data Link

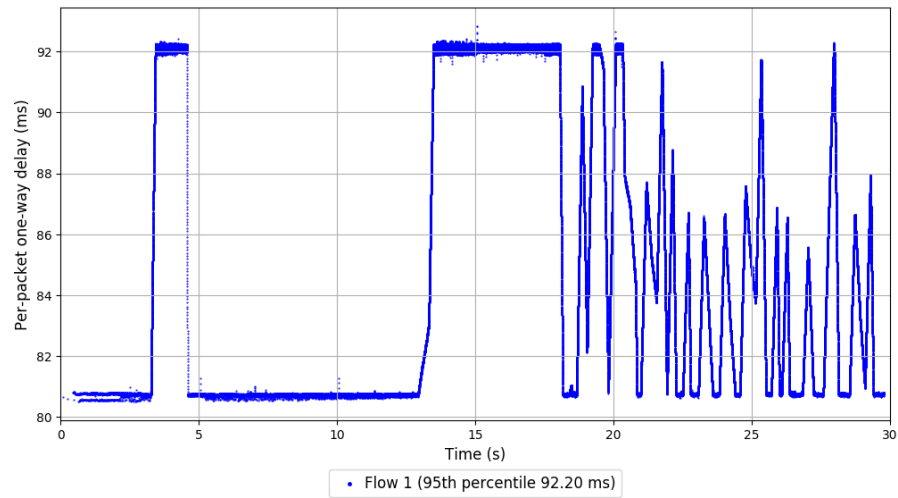
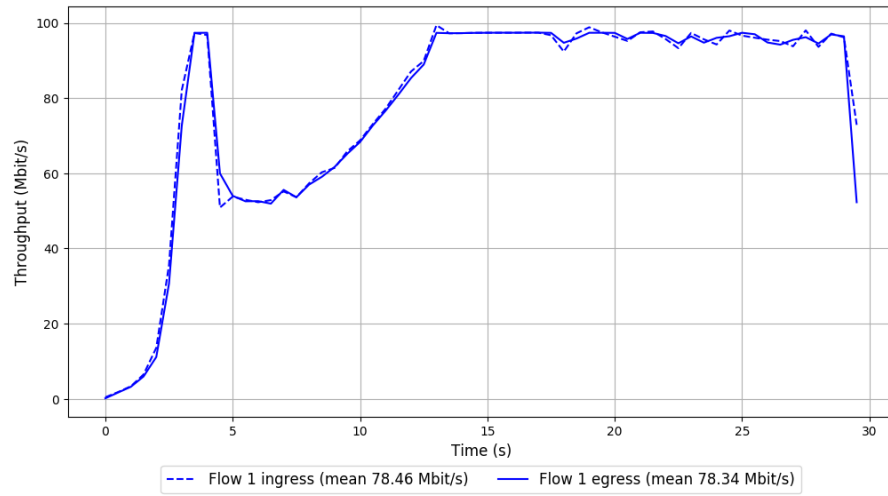


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-03 13:12:15  
End at: 2018-02-03 13:12:45  
Local clock offset: -0.233 ms  
Remote clock offset: -0.662 ms

# Below is generated by plot.py at 2018-02-03 18:45:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.34 Mbit/s  
95th percentile per-packet one-way delay: 92.198 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 78.34 Mbit/s  
95th percentile per-packet one-way delay: 92.198 ms  
Loss rate: 0.77%

## Run 6: Report of Vivace-LTE — Data Link

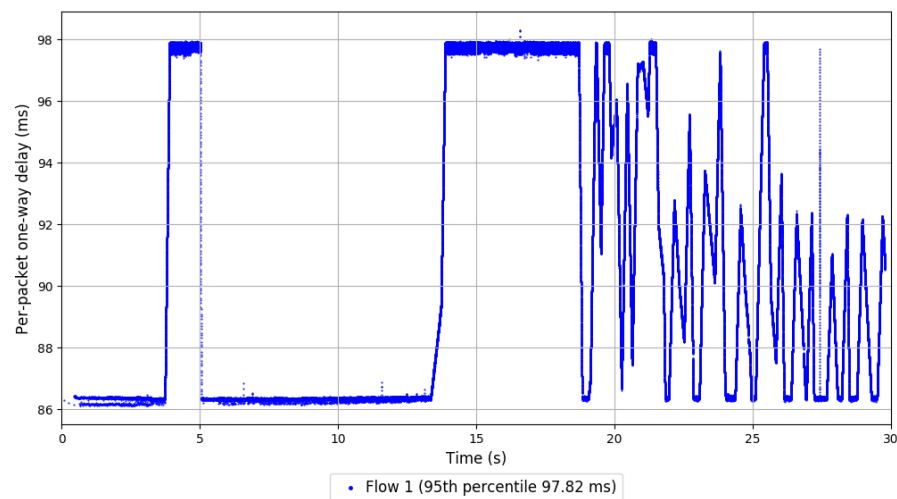
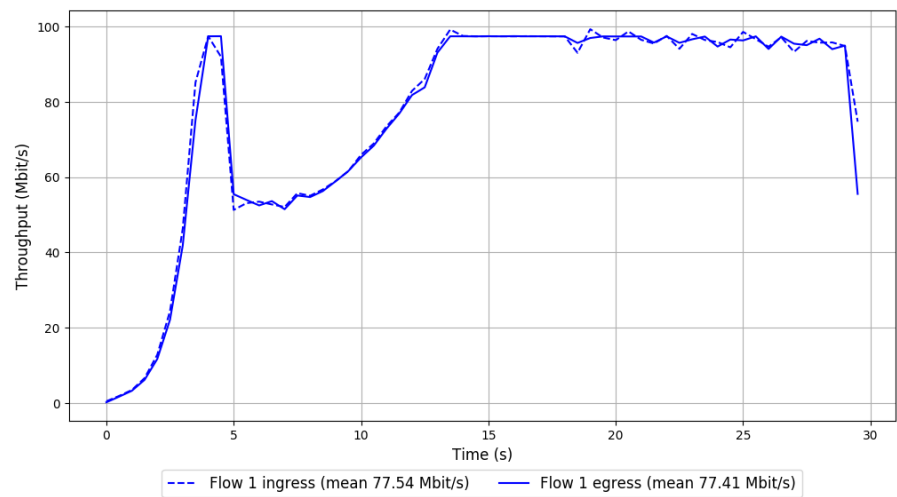


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-03 13:33:15  
End at: 2018-02-03 13:33:45  
Local clock offset: -0.118 ms  
Remote clock offset: -5.434 ms

# Below is generated by plot.py at 2018-02-03 18:45:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.41 Mbit/s  
95th percentile per-packet one-way delay: 97.817 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 77.41 Mbit/s  
95th percentile per-packet one-way delay: 97.817 ms  
Loss rate: 0.79%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-03 13:54:16

End at: 2018-02-03 13:54:46

Local clock offset: -0.122 ms

Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2018-02-03 18:45:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.93 Mbit/s

95th percentile per-packet one-way delay: 94.454 ms

Loss rate: 0.77%

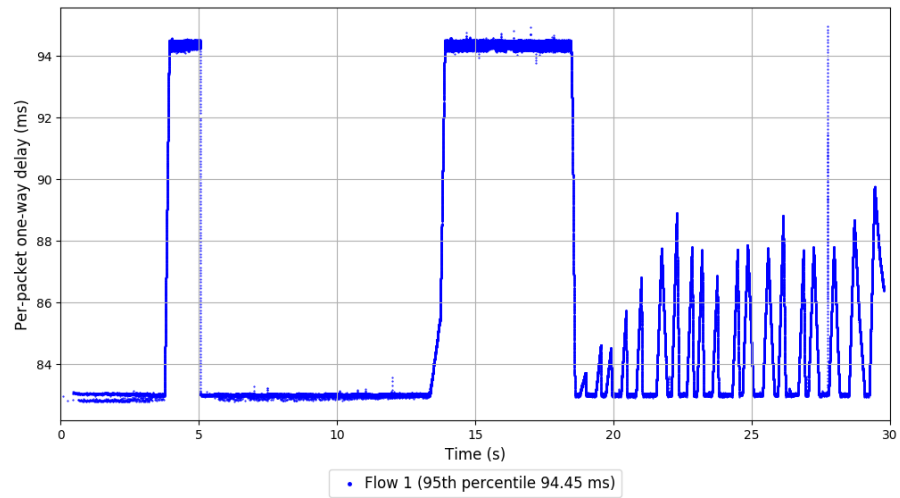
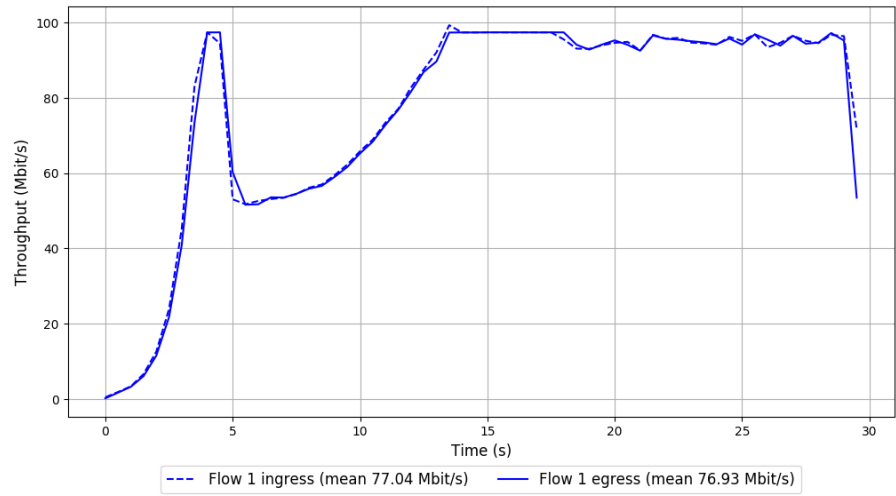
-- Flow 1:

Average throughput: 76.93 Mbit/s

95th percentile per-packet one-way delay: 94.454 ms

Loss rate: 0.77%

## Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-03 14:15:13

End at: 2018-02-03 14:15:43

Local clock offset: -0.127 ms

Remote clock offset: 2.074 ms

# Below is generated by plot.py at 2018-02-03 18:45:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.66 Mbit/s

95th percentile per-packet one-way delay: 92.144 ms

Loss rate: 0.79%

-- Flow 1:

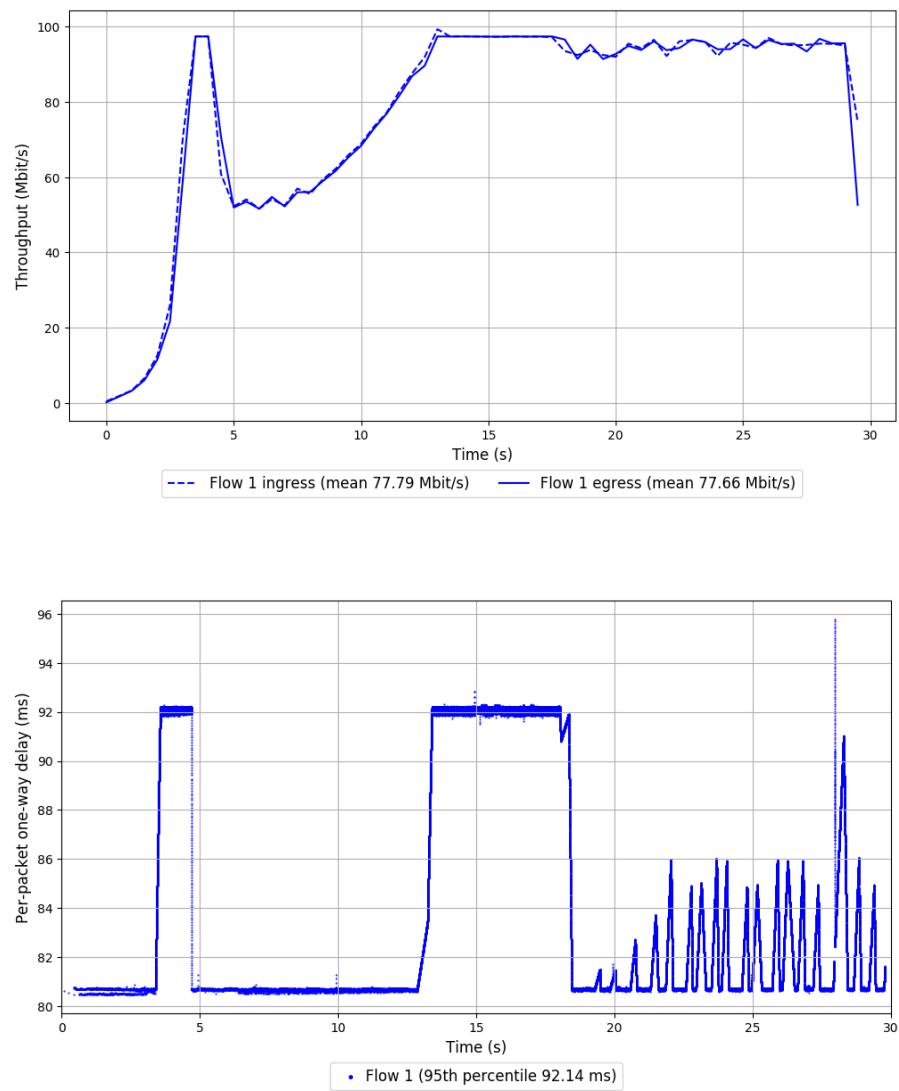
Average throughput: 77.66 Mbit/s

95th percentile per-packet one-way delay: 92.144 ms

Loss rate: 0.79%



Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-03 14:36:10  
End at: 2018-02-03 14:36:40  
Local clock offset: -0.042 ms  
Remote clock offset: -1.659 ms

# Below is generated by plot.py at 2018-02-03 18:45:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.98 Mbit/s  
95th percentile per-packet one-way delay: 98.036 ms  
Loss rate: 0.80%  
-- Flow 1:  
Average throughput: 77.98 Mbit/s  
95th percentile per-packet one-way delay: 98.036 ms  
Loss rate: 0.80%

Run 10: Report of Vivace-LTE — Data Link

