

## Pantheon Report

Generated at 2018-02-04 11:52:59 (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).

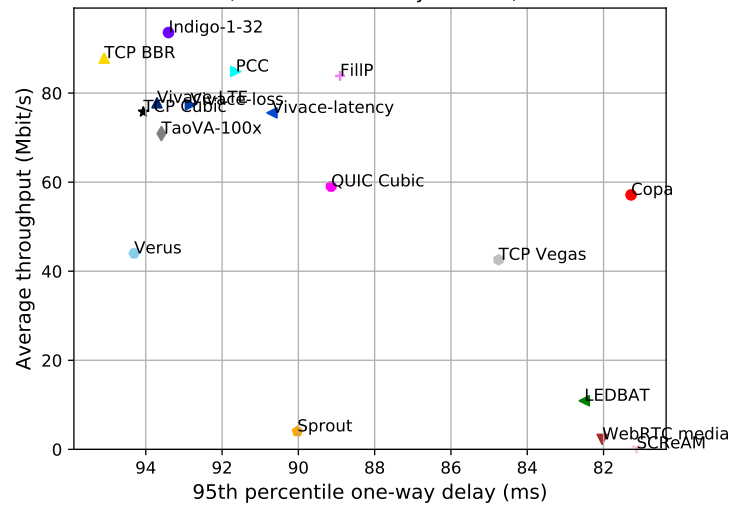
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

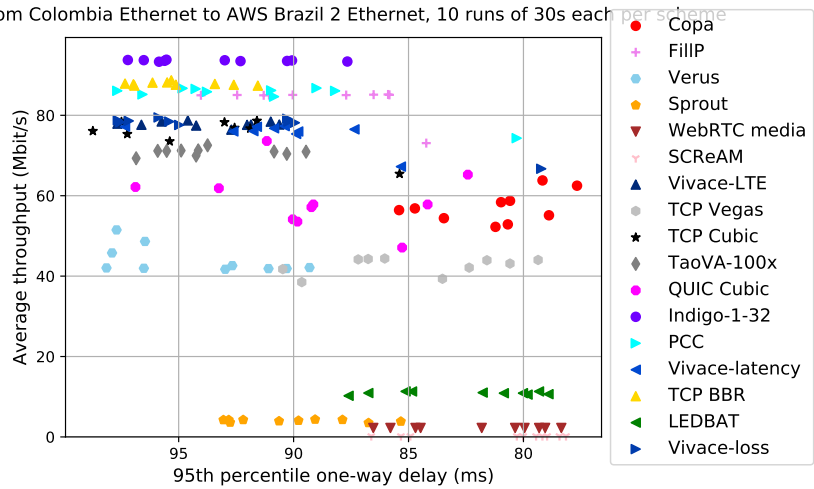
Git summary:

```
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	87.84	95.09	0.69
TCP Cubic	10	75.78	94.06	0.60
LEDBAT	10	10.91	82.50	1.20
PCC	10	84.84	91.64	0.79
QUIC Cubic	10	59.05	89.14	0.93
SCReAM	10	0.22	81.13	0.54
WebRTC media	10	2.23	82.03	0.71
Sprout	10	4.03	90.03	0.73
TaoVA-100x	10	70.90	93.59	0.65
TCP Vegas	10	42.55	84.75	0.66
Verus	10	44.01	94.31	0.39
Copa	10	57.13	81.28	0.64
FillP	10	83.86	88.91	1.50
Indigo-1-32	10	93.59	93.40	0.65
Vivace-latency	10	75.56	90.69	0.79
Vivace-loss	10	77.36	92.83	0.90
Vivace-LTE	10	77.81	93.71	0.74

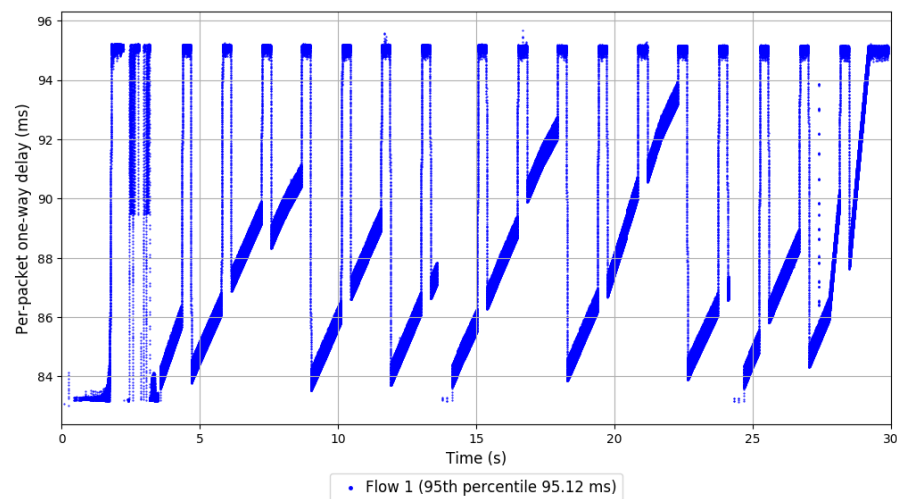
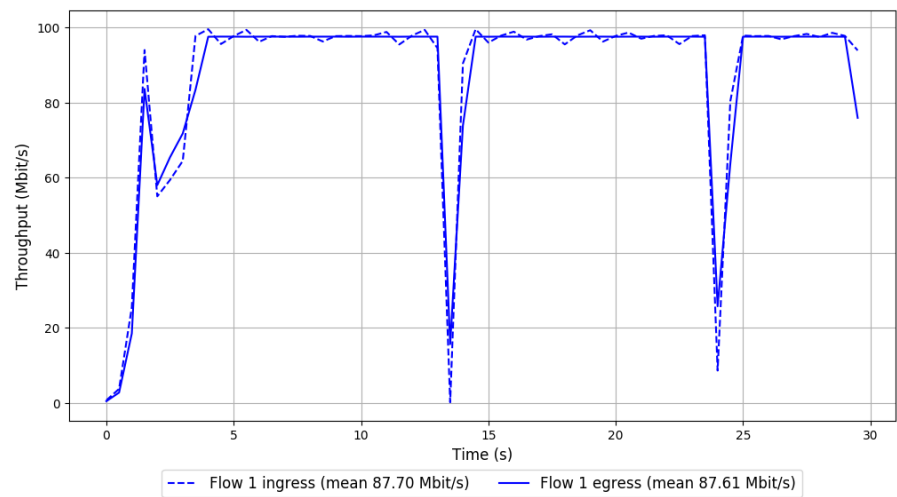
Run 1: Statistics of TCP BBR

Start at: 2018-02-04 04:13:49  
End at: 2018-02-04 04:14:19  
Local clock offset: -0.339 ms  
Remote clock offset: -4.028 ms

# Below is generated by plot.py at 2018-02-04 11:32:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.61 Mbit/s  
95th percentile per-packet one-way delay: 95.123 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 87.61 Mbit/s  
95th percentile per-packet one-way delay: 95.123 ms  
Loss rate: 0.69%



Run 1: Report of TCP BBR — Data Link

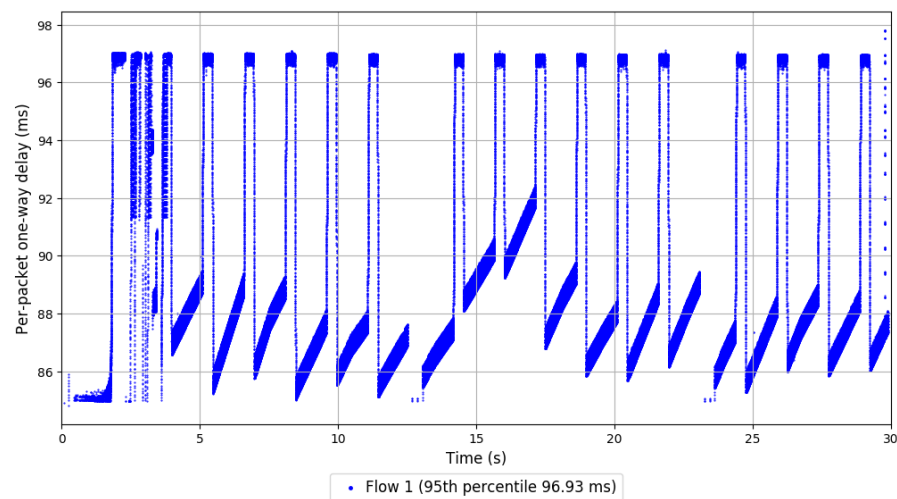
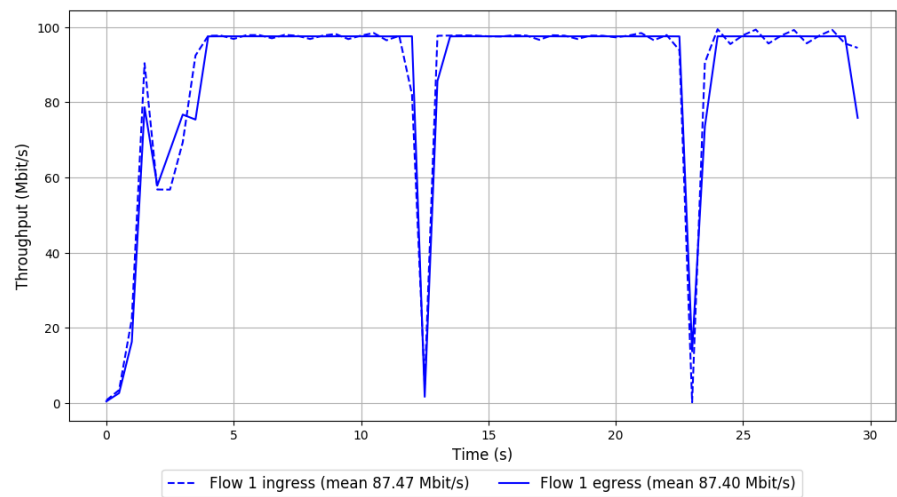


Run 2: Statistics of TCP BBR

Start at: 2018-02-04 04:35:58  
End at: 2018-02-04 04:36:28  
Local clock offset: -0.365 ms  
Remote clock offset: -5.401 ms

# Below is generated by plot.py at 2018-02-04 11:32:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.40 Mbit/s  
95th percentile per-packet one-way delay: 96.929 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 87.40 Mbit/s  
95th percentile per-packet one-way delay: 96.929 ms  
Loss rate: 0.68%

Run 2: Report of TCP BBR — Data Link

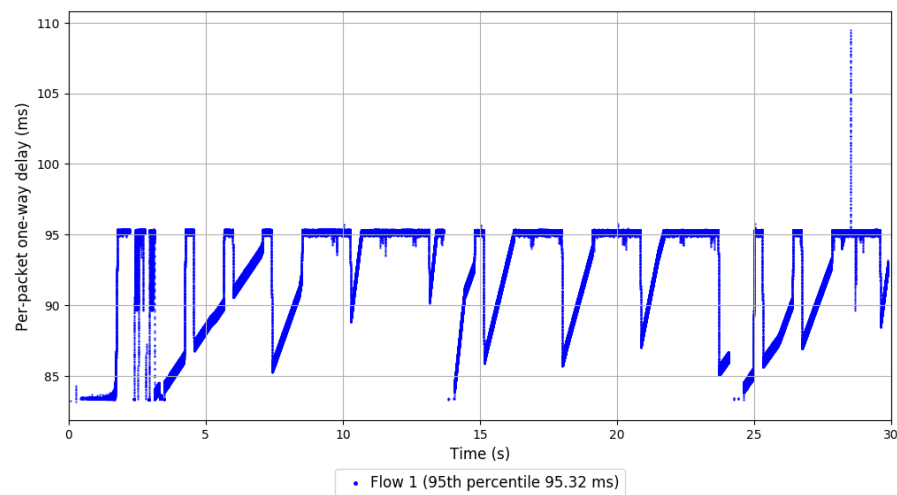
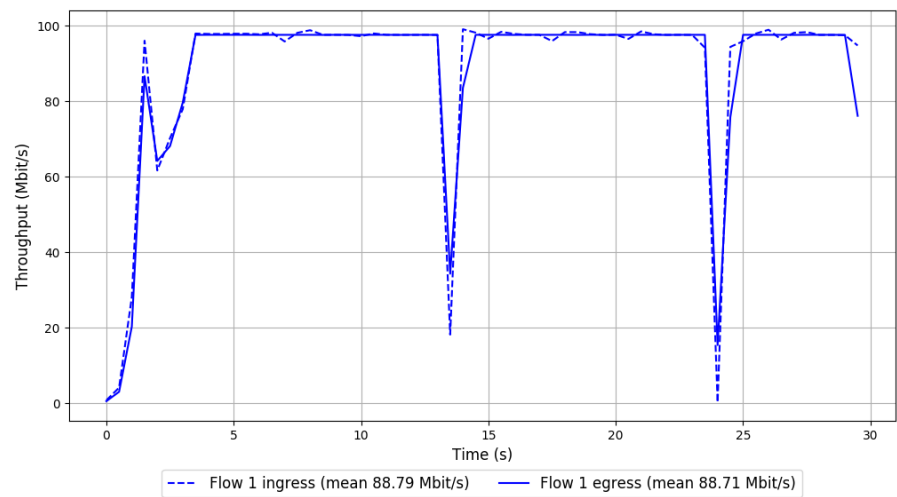


Run 3: Statistics of TCP BBR

Start at: 2018-02-04 04:58:11  
End at: 2018-02-04 04:58:41  
Local clock offset: -0.256 ms  
Remote clock offset: -6.898 ms

# Below is generated by plot.py at 2018-02-04 11:32:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.71 Mbit/s  
95th percentile per-packet one-way delay: 95.321 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 88.71 Mbit/s  
95th percentile per-packet one-way delay: 95.321 ms  
Loss rate: 0.70%

Run 3: Report of TCP BBR — Data Link

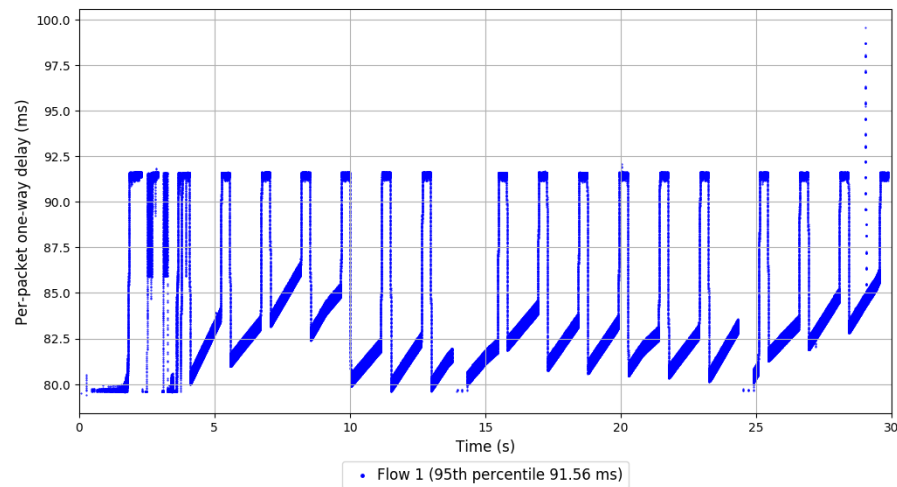
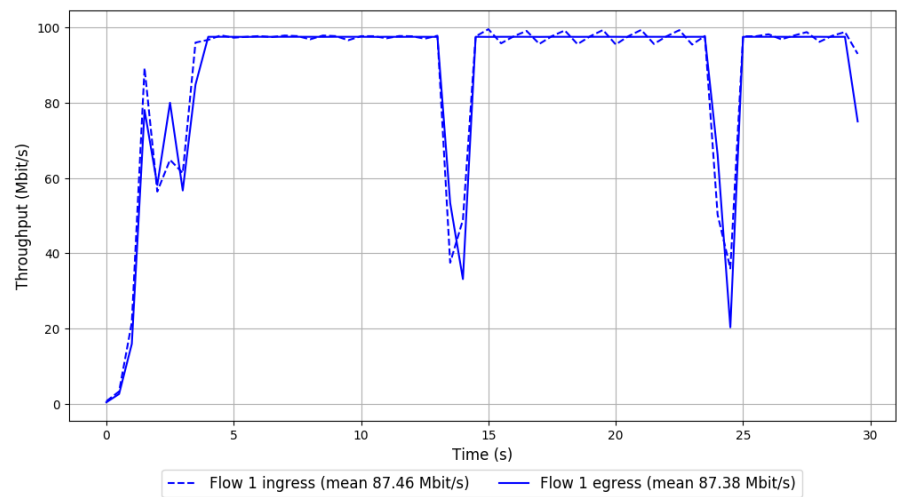


Run 4: Statistics of TCP BBR

Start at: 2018-02-04 05:20:19  
End at: 2018-02-04 05:20:49  
Local clock offset: -0.25 ms  
Remote clock offset: -1.695 ms

# Below is generated by plot.py at 2018-02-04 11:32:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.38 Mbit/s  
95th percentile per-packet one-way delay: 91.557 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 87.38 Mbit/s  
95th percentile per-packet one-way delay: 91.557 ms  
Loss rate: 0.68%

Run 4: Report of TCP BBR — Data Link



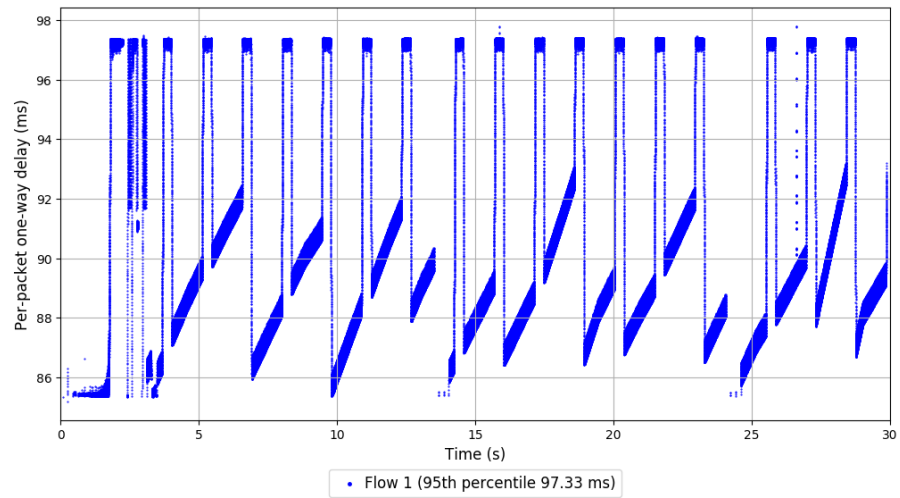
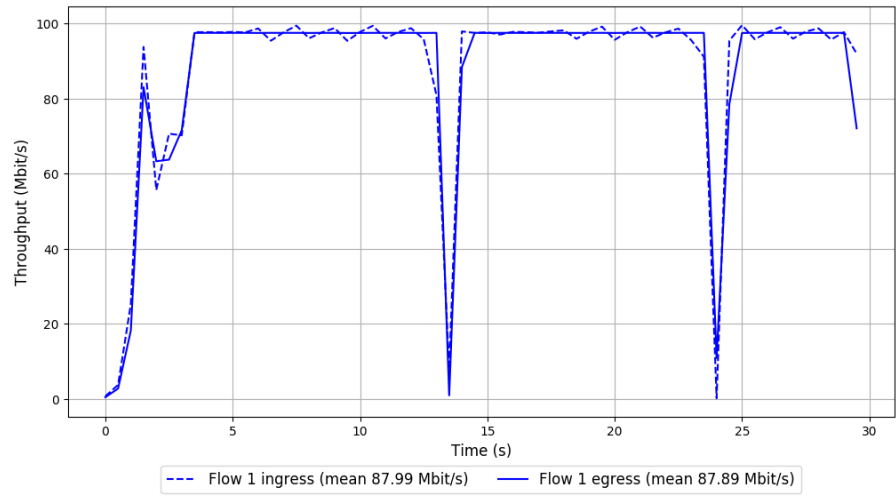
Run 5: Statistics of TCP BBR

Start at: 2018-02-04 05:42:28  
End at: 2018-02-04 05:42:58  
Local clock offset: -0.094 ms  
Remote clock offset: -5.605 ms

# Below is generated by plot.py at 2018-02-04 11:32:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.89 Mbit/s  
95th percentile per-packet one-way delay: 97.333 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 87.89 Mbit/s  
95th percentile per-packet one-way delay: 97.333 ms  
Loss rate: 0.71%



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



Run 6: Statistics of TCP BBR

Start at: 2018-02-04 06:04:35

End at: 2018-02-04 06:05:05

Local clock offset: 0.003 ms

Remote clock offset: -3.979 ms

# Below is generated by plot.py at 2018-02-04 11:32:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 96.968 ms

Loss rate: 0.71%

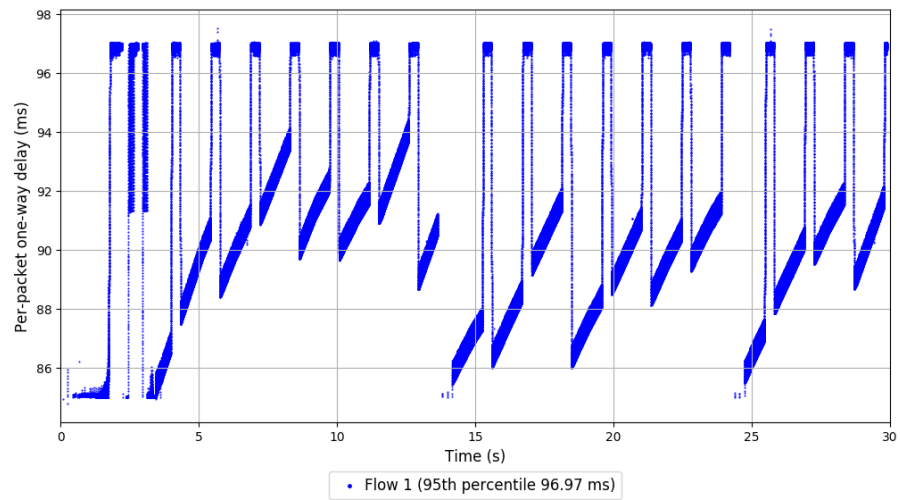
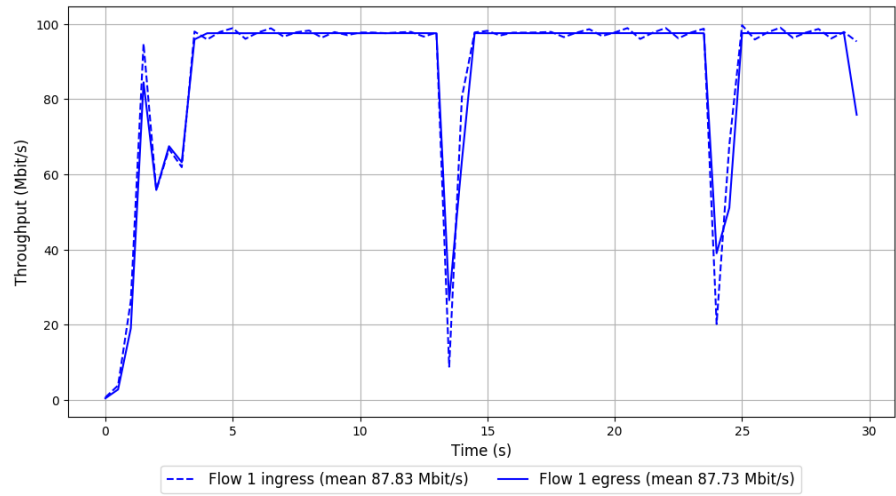
-- Flow 1:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 96.968 ms

Loss rate: 0.71%

# Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-04 06:26:46

End at: 2018-02-04 06:27:16

Local clock offset: -0.09 ms

Remote clock offset: -3.58 ms

# Below is generated by plot.py at 2018-02-04 11:32:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 96.138 ms

Loss rate: 0.70%

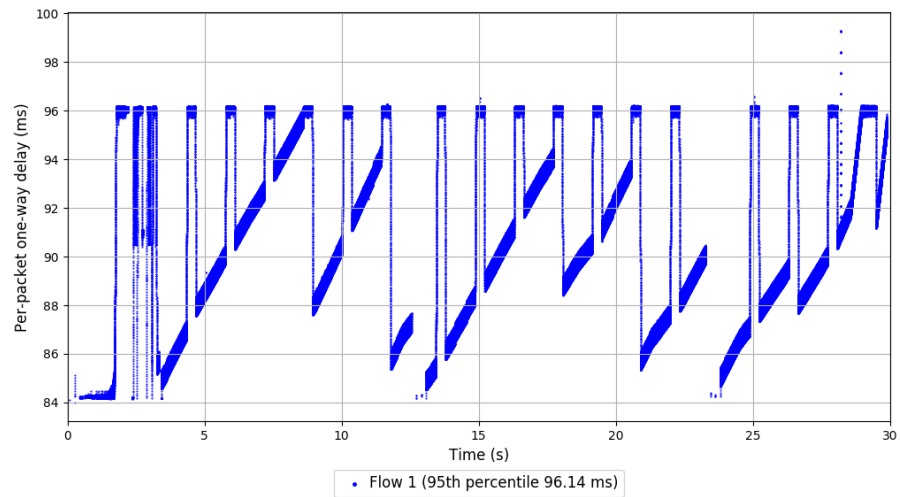
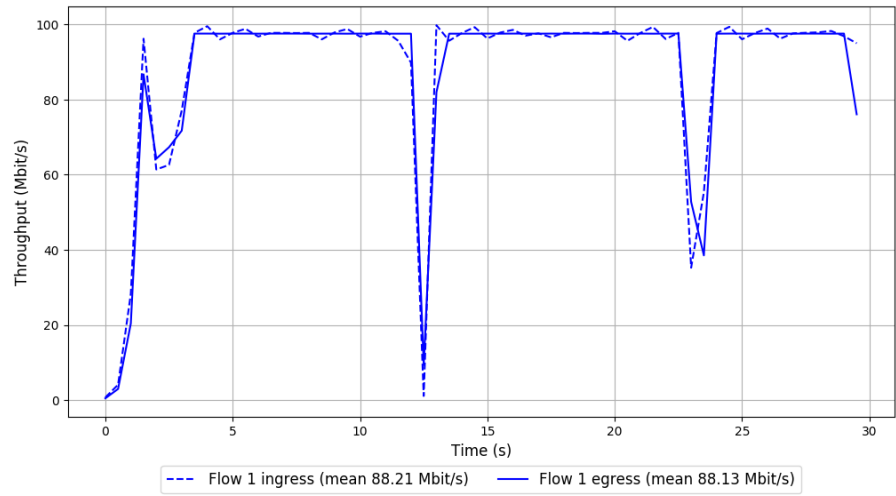
-- Flow 1:

Average throughput: 88.13 Mbit/s

95th percentile per-packet one-way delay: 96.138 ms

Loss rate: 0.70%

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



Run 8: Statistics of TCP BBR

Start at: 2018-02-04 06:48:54

End at: 2018-02-04 06:49:24

Local clock offset: -0.034 ms

Remote clock offset: 3.095 ms

# Below is generated by plot.py at 2018-02-04 11:32:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.80 Mbit/s

95th percentile per-packet one-way delay: 93.427 ms

Loss rate: 0.67%

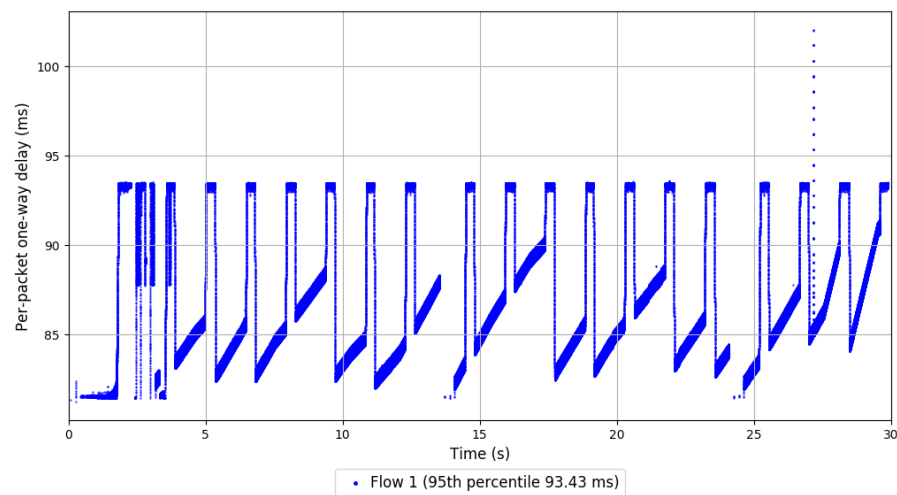
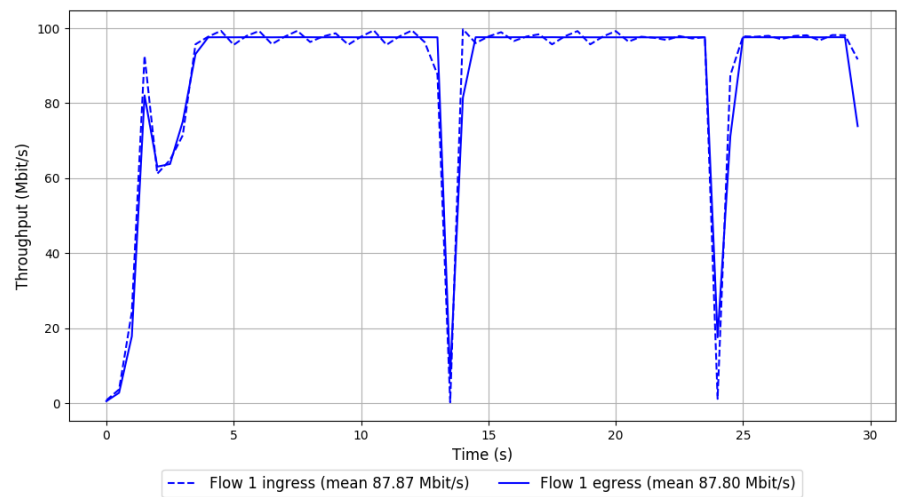
-- Flow 1:

Average throughput: 87.80 Mbit/s

95th percentile per-packet one-way delay: 93.427 ms

Loss rate: 0.67%

Run 8: Report of TCP BBR — Data Link



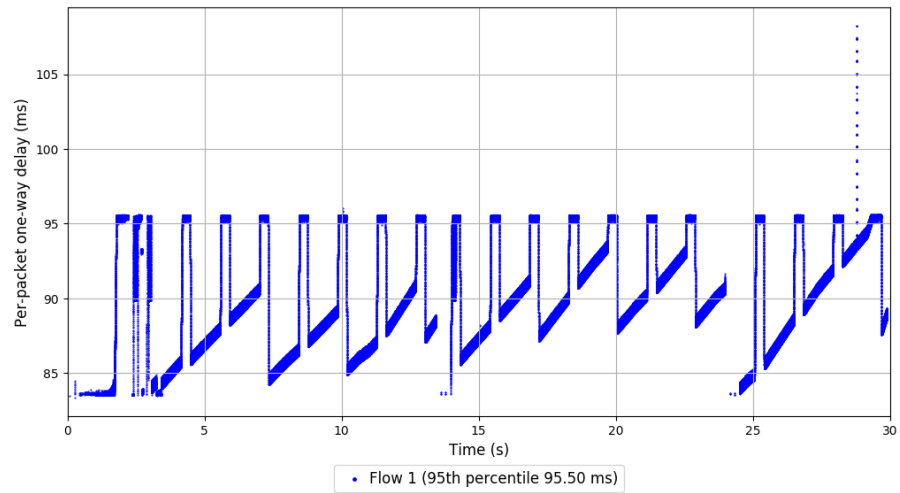
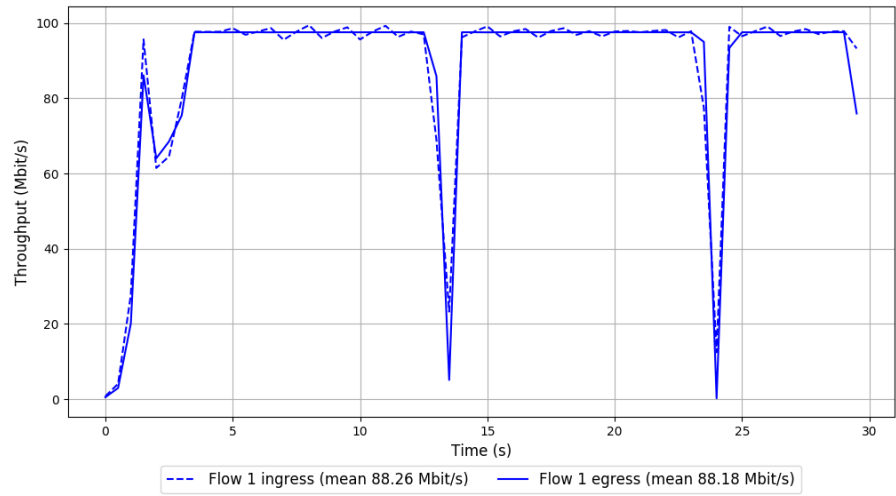
Run 9: Statistics of TCP BBR

Start at: 2018-02-04 07:11:04  
End at: 2018-02-04 07:11:34  
Local clock offset: -0.039 ms  
Remote clock offset: -1.297 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.18 Mbit/s  
95th percentile per-packet one-way delay: 95.501 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 88.18 Mbit/s  
95th percentile per-packet one-way delay: 95.501 ms  
Loss rate: 0.68%



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



Run 10: Statistics of TCP BBR

Start at: 2018-02-04 07:34:59

End at: 2018-02-04 07:35:29

Local clock offset: -0.086 ms

Remote clock offset: 3.23 ms

# Below is generated by plot.py at 2018-02-04 11:34:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 87.59 Mbit/s

95th percentile per-packet one-way delay: 92.603 ms

Loss rate: 0.70%

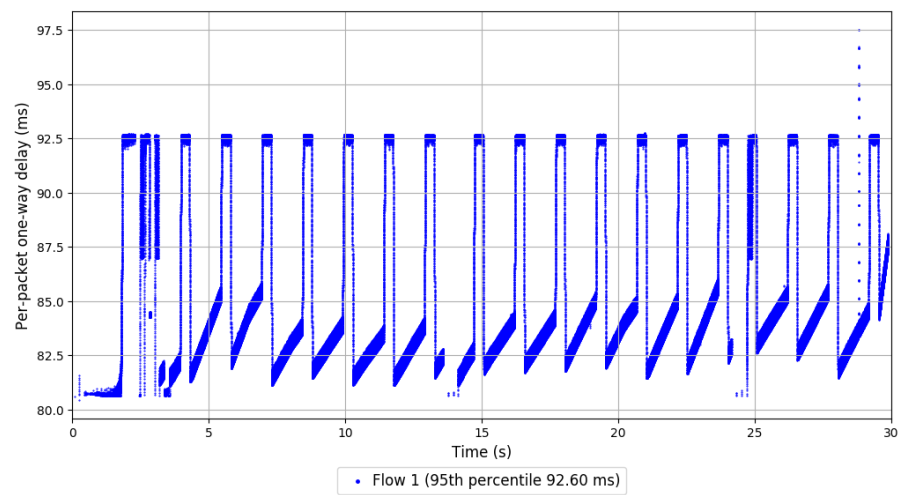
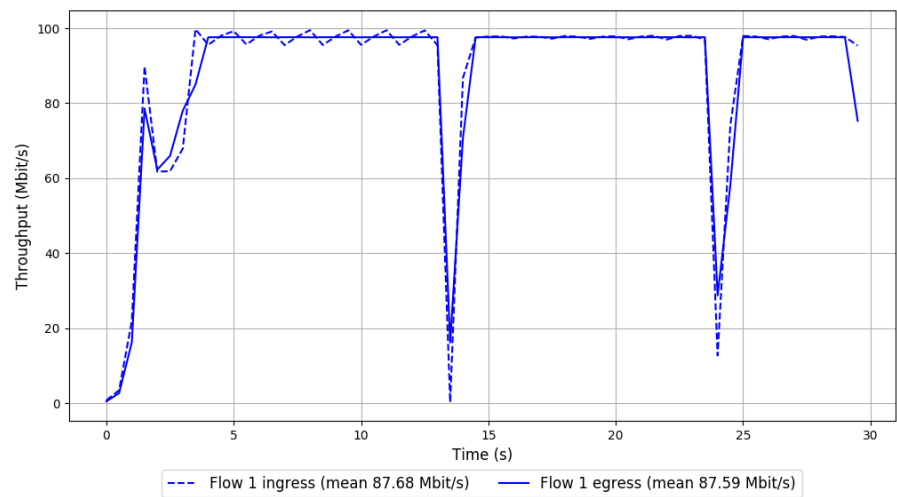
-- Flow 1:

Average throughput: 87.59 Mbit/s

95th percentile per-packet one-way delay: 92.603 ms

Loss rate: 0.70%

Run 10: Report of TCP BBR — Data Link

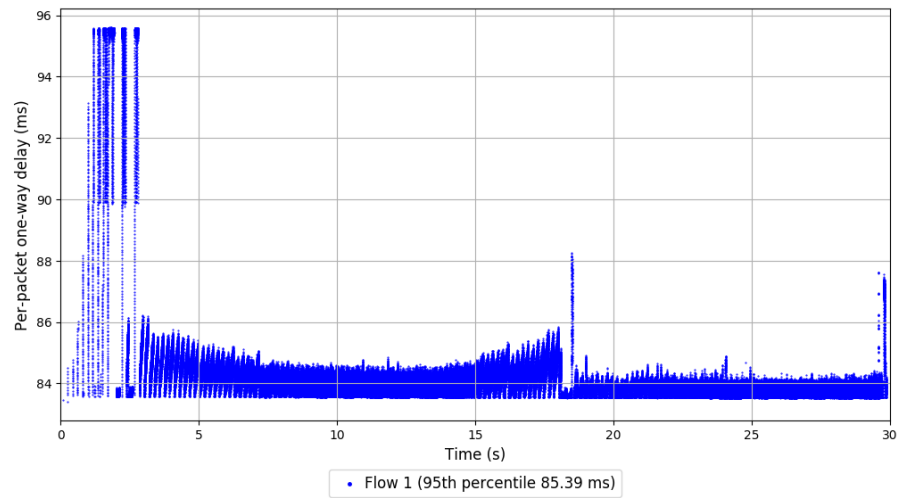
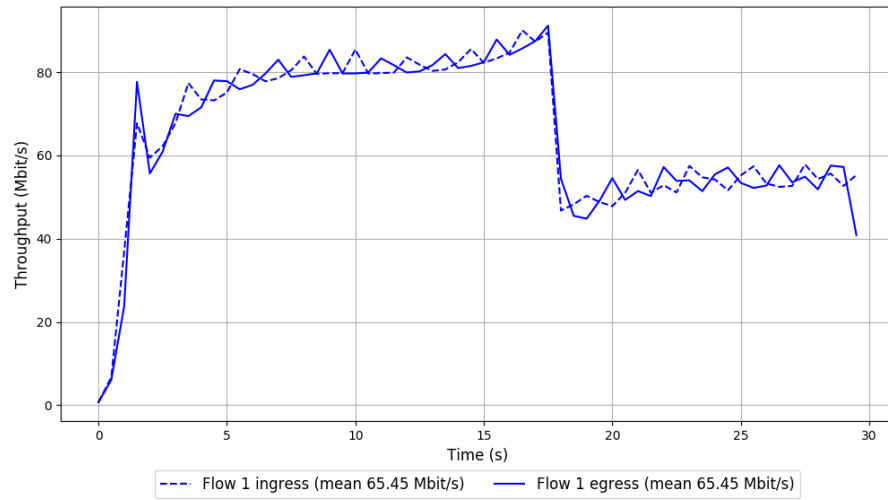


Run 1: Statistics of TCP Cubic

Start at: 2018-02-04 04:12:35  
End at: 2018-02-04 04:13:05  
Local clock offset: -0.357 ms  
Remote clock offset: -3.899 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 65.45 Mbit/s  
95th percentile per-packet one-way delay: 85.390 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 65.45 Mbit/s  
95th percentile per-packet one-way delay: 85.390 ms  
Loss rate: 0.60%

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

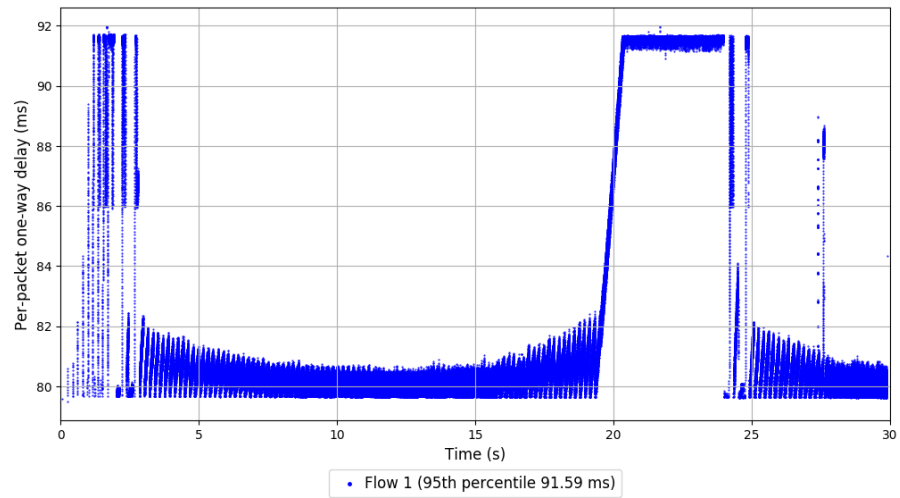
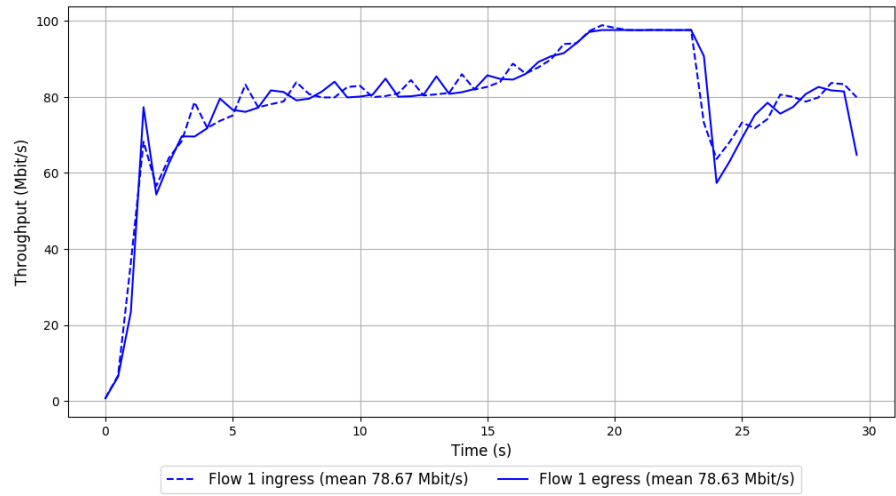


Run 2: Statistics of TCP Cubic

Start at: 2018-02-04 04:34:44  
End at: 2018-02-04 04:35:14  
Local clock offset: -0.367 ms  
Remote clock offset: -0.489 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.63 Mbit/s  
95th percentile per-packet one-way delay: 91.595 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 78.63 Mbit/s  
95th percentile per-packet one-way delay: 91.595 ms  
Loss rate: 0.64%

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



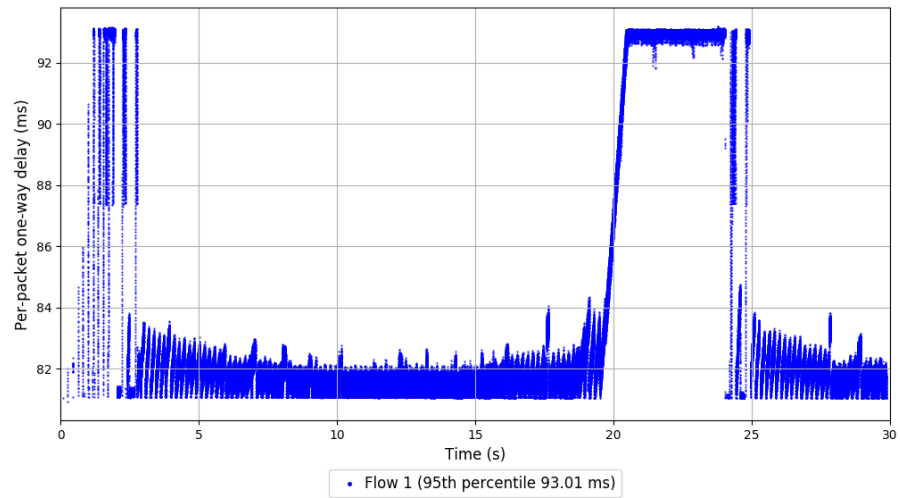
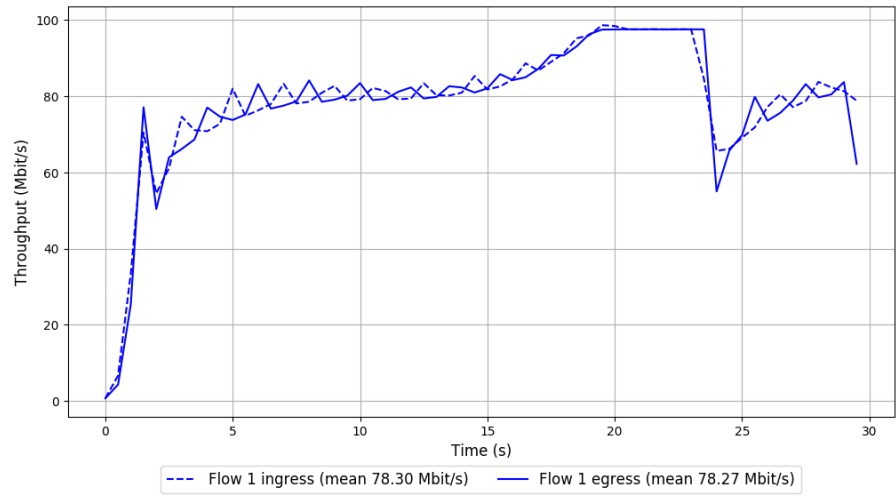
Run 3: Statistics of TCP Cubic

Start at: 2018-02-04 04:56:56  
End at: 2018-02-04 04:57:26  
Local clock offset: -0.24 ms  
Remote clock offset: -2.032 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.27 Mbit/s  
95th percentile per-packet one-way delay: 93.006 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 78.27 Mbit/s  
95th percentile per-packet one-way delay: 93.006 ms  
Loss rate: 0.64%



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

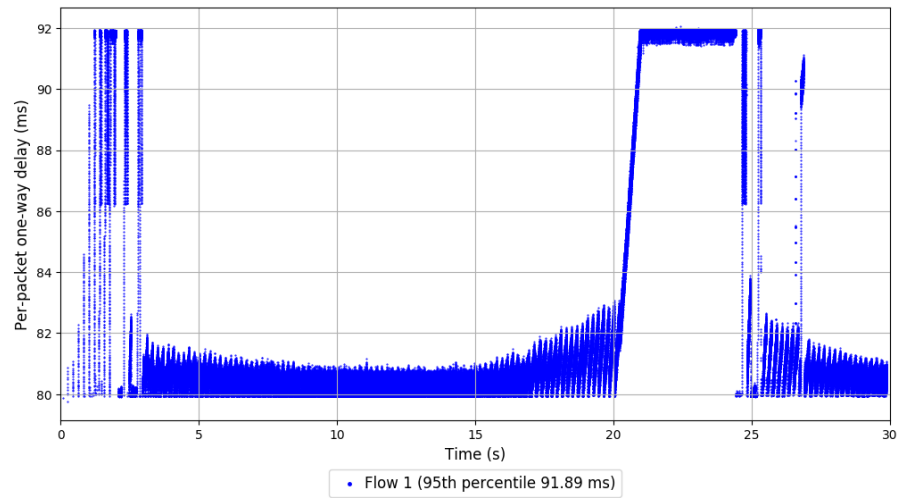
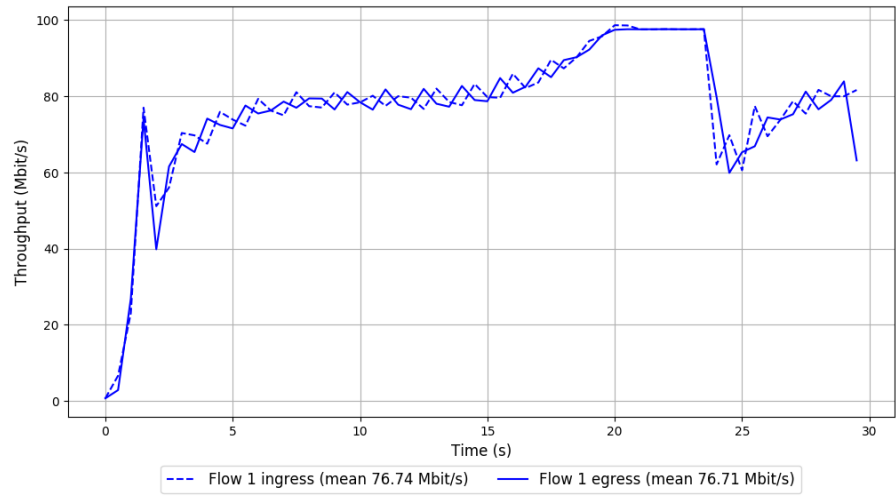


Run 4: Statistics of TCP Cubic

Start at: 2018-02-04 05:19:05  
End at: 2018-02-04 05:19:35  
Local clock offset: -0.211 ms  
Remote clock offset: -1.605 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.71 Mbit/s  
95th percentile per-packet one-way delay: 91.885 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 76.71 Mbit/s  
95th percentile per-packet one-way delay: 91.885 ms  
Loss rate: 0.63%

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

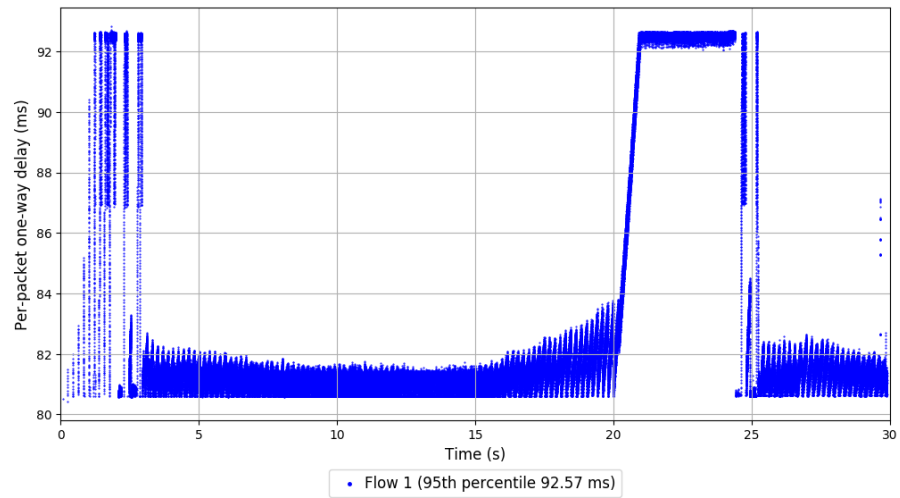
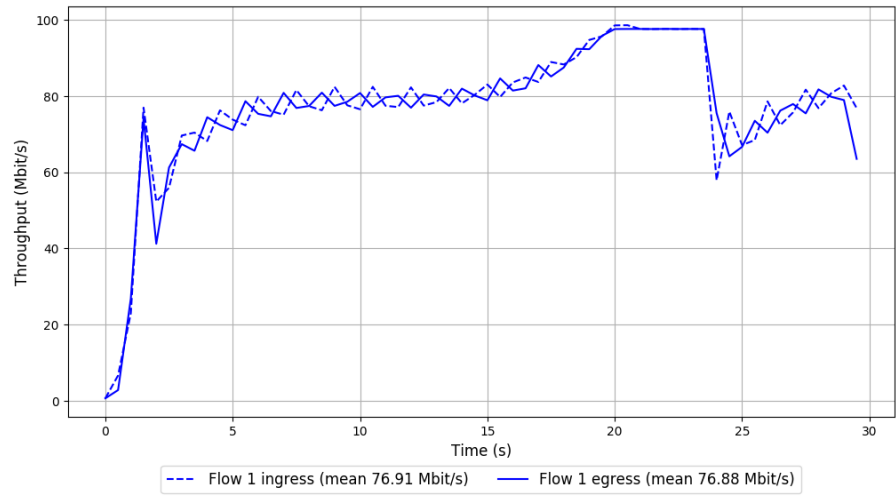


Run 5: Statistics of TCP Cubic

Start at: 2018-02-04 05:41:13  
End at: 2018-02-04 05:41:43  
Local clock offset: -0.113 ms  
Remote clock offset: -1.233 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.88 Mbit/s  
95th percentile per-packet one-way delay: 92.568 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 76.88 Mbit/s  
95th percentile per-packet one-way delay: 92.568 ms  
Loss rate: 0.63%

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

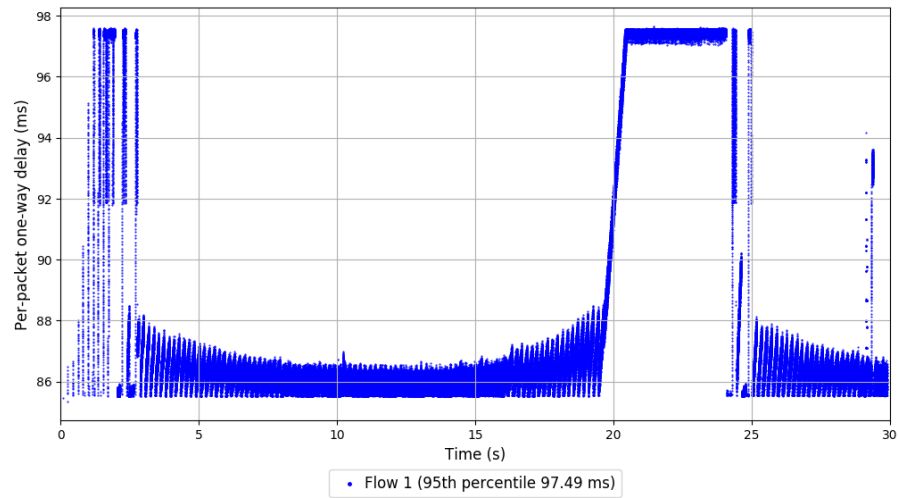
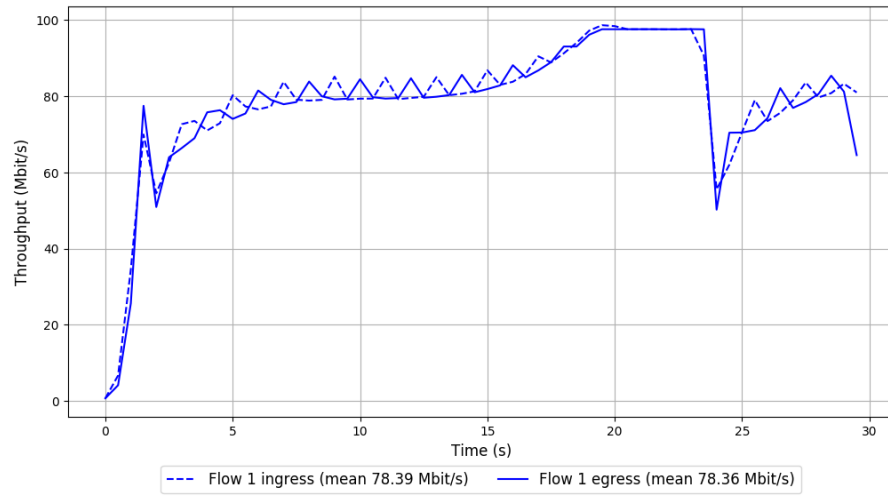


Run 6: Statistics of TCP Cubic

Start at: 2018-02-04 06:03:21  
End at: 2018-02-04 06:03:51  
Local clock offset: -0.081 ms  
Remote clock offset: -4.815 ms

# Below is generated by plot.py at 2018-02-04 11:34:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.36 Mbit/s  
95th percentile per-packet one-way delay: 97.489 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 78.36 Mbit/s  
95th percentile per-packet one-way delay: 97.489 ms  
Loss rate: 0.64%

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



Run 7: Statistics of TCP Cubic

Start at: 2018-02-04 06:25:31

End at: 2018-02-04 06:26:01

Local clock offset: -0.028 ms

Remote clock offset: -3.6 ms

# Below is generated by plot.py at 2018-02-04 11:35:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.50 Mbit/s

95th percentile per-packet one-way delay: 97.343 ms

Loss rate: 0.64%

-- Flow 1:

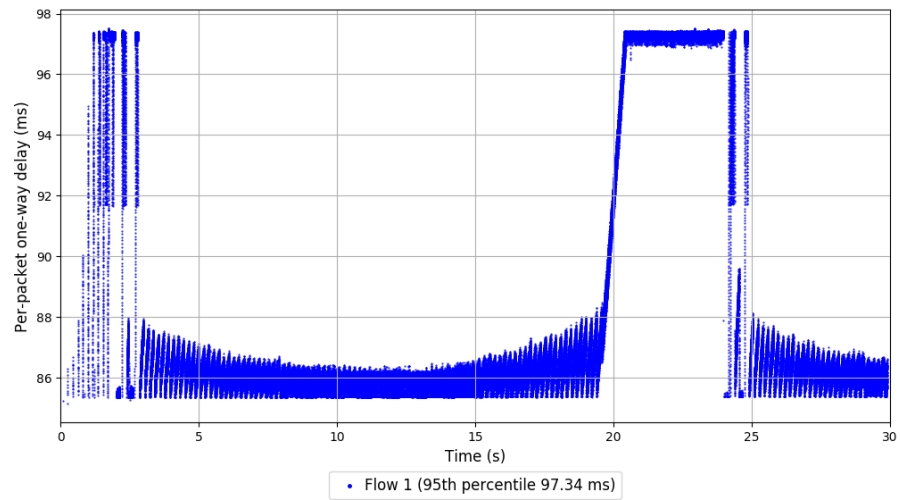
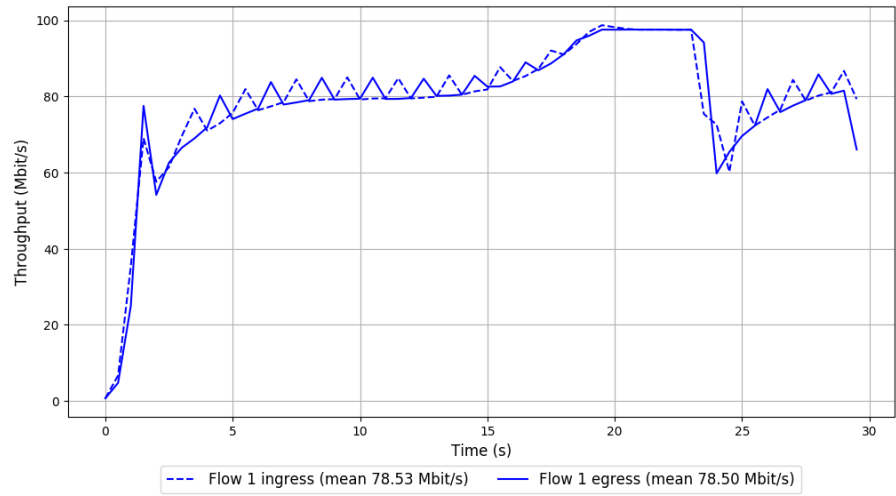
Average throughput: 78.50 Mbit/s

95th percentile per-packet one-way delay: 97.343 ms

Loss rate: 0.64%



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

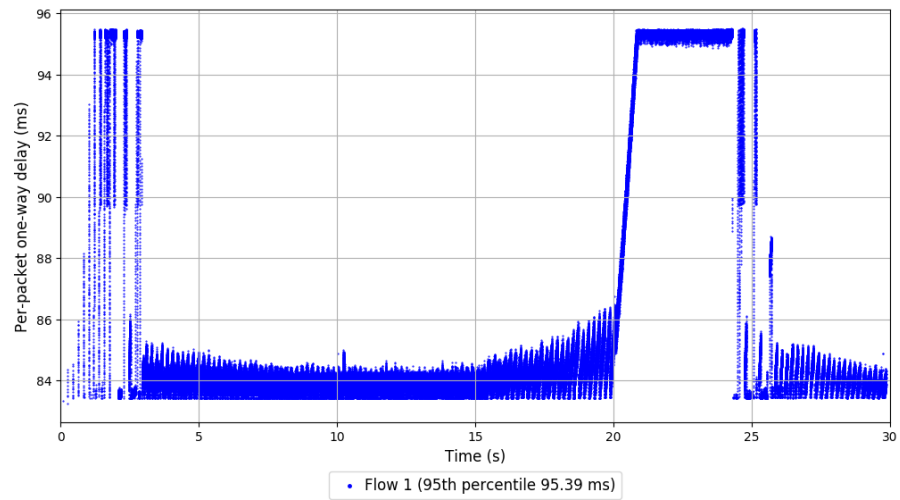
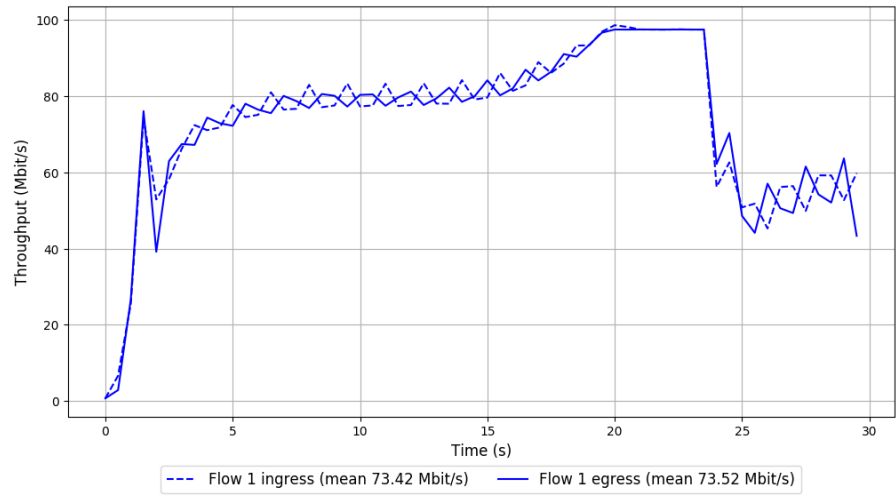


Run 8: Statistics of TCP Cubic

Start at: 2018-02-04 06:47:40  
End at: 2018-02-04 06:48:10  
Local clock offset: -0.037 ms  
Remote clock offset: -1.784 ms

# Below is generated by plot.py at 2018-02-04 11:35:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.52 Mbit/s  
95th percentile per-packet one-way delay: 95.390 ms  
Loss rate: 0.49%  
-- Flow 1:  
Average throughput: 73.52 Mbit/s  
95th percentile per-packet one-way delay: 95.390 ms  
Loss rate: 0.49%

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

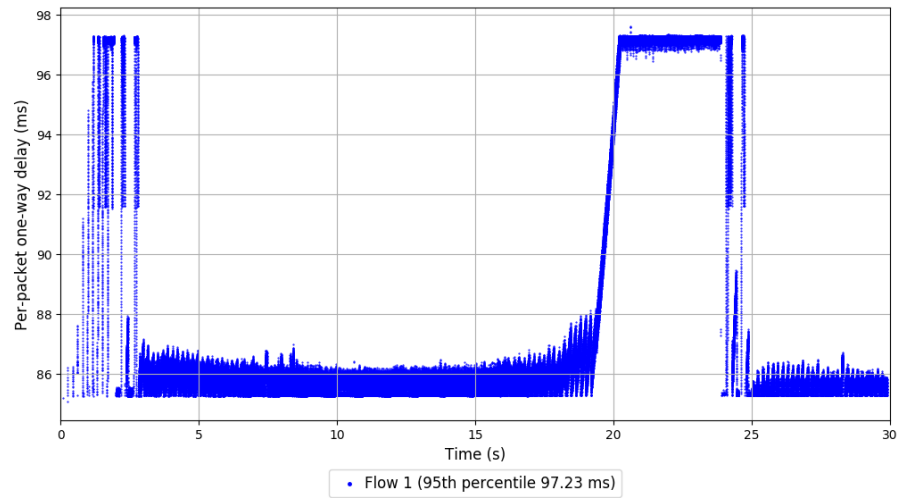
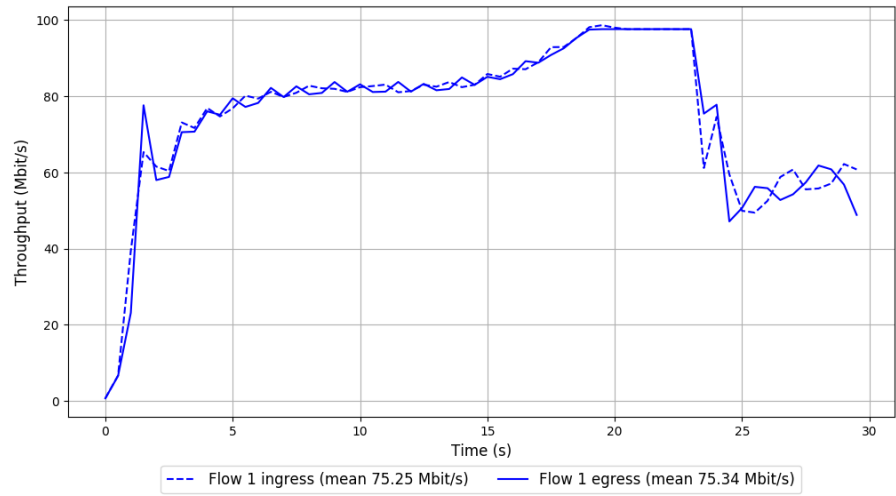


Run 9: Statistics of TCP Cubic

Start at: 2018-02-04 07:09:49  
End at: 2018-02-04 07:10:19  
Local clock offset: -0.067 ms  
Remote clock offset: -1.475 ms

# Below is generated by plot.py at 2018-02-04 11:35:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.34 Mbit/s  
95th percentile per-packet one-way delay: 97.235 ms  
Loss rate: 0.47%  
-- Flow 1:  
Average throughput: 75.34 Mbit/s  
95th percentile per-packet one-way delay: 97.235 ms  
Loss rate: 0.47%

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

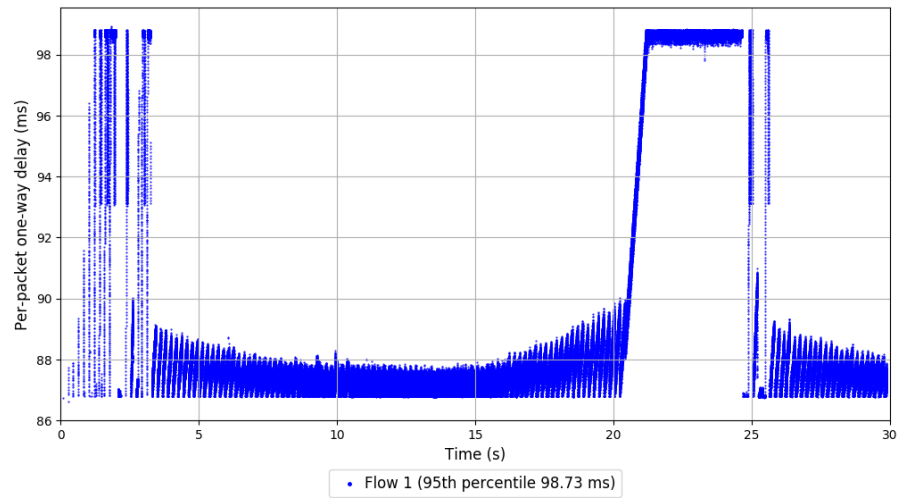
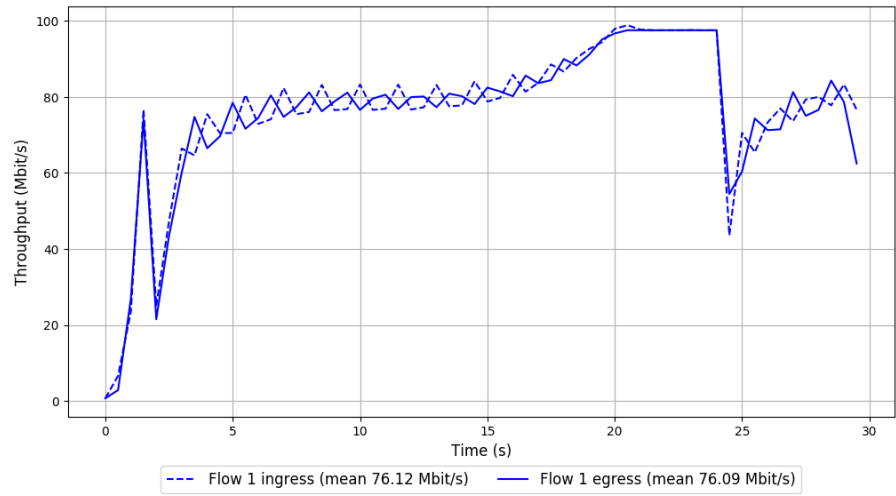


Run 10: Statistics of TCP Cubic

Start at: 2018-02-04 07:33:40  
End at: 2018-02-04 07:34:10  
Local clock offset: -0.079 ms  
Remote clock offset: -1.421 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.09 Mbit/s  
95th percentile per-packet one-way delay: 98.733 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 76.09 Mbit/s  
95th percentile per-packet one-way delay: 98.733 ms  
Loss rate: 0.64%

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



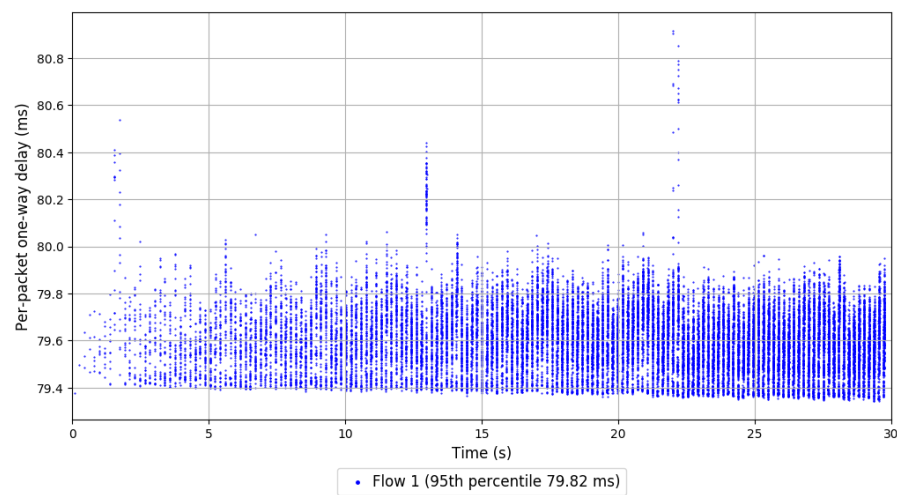
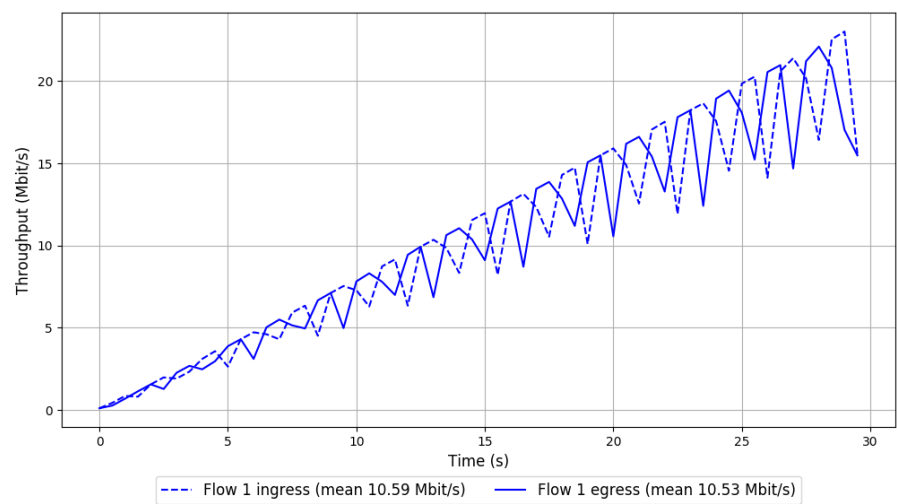
```
Run 1: Statistics of LEDBAT

Start at: 2018-02-04 04:10:09
End at: 2018-02-04 04:10:39
Local clock offset: -0.41 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at 2018-02-04 11:35:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 79.822 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 79.822 ms
Loss rate: 1.24%
```



Run 1: Report of LEDBAT — Data Link

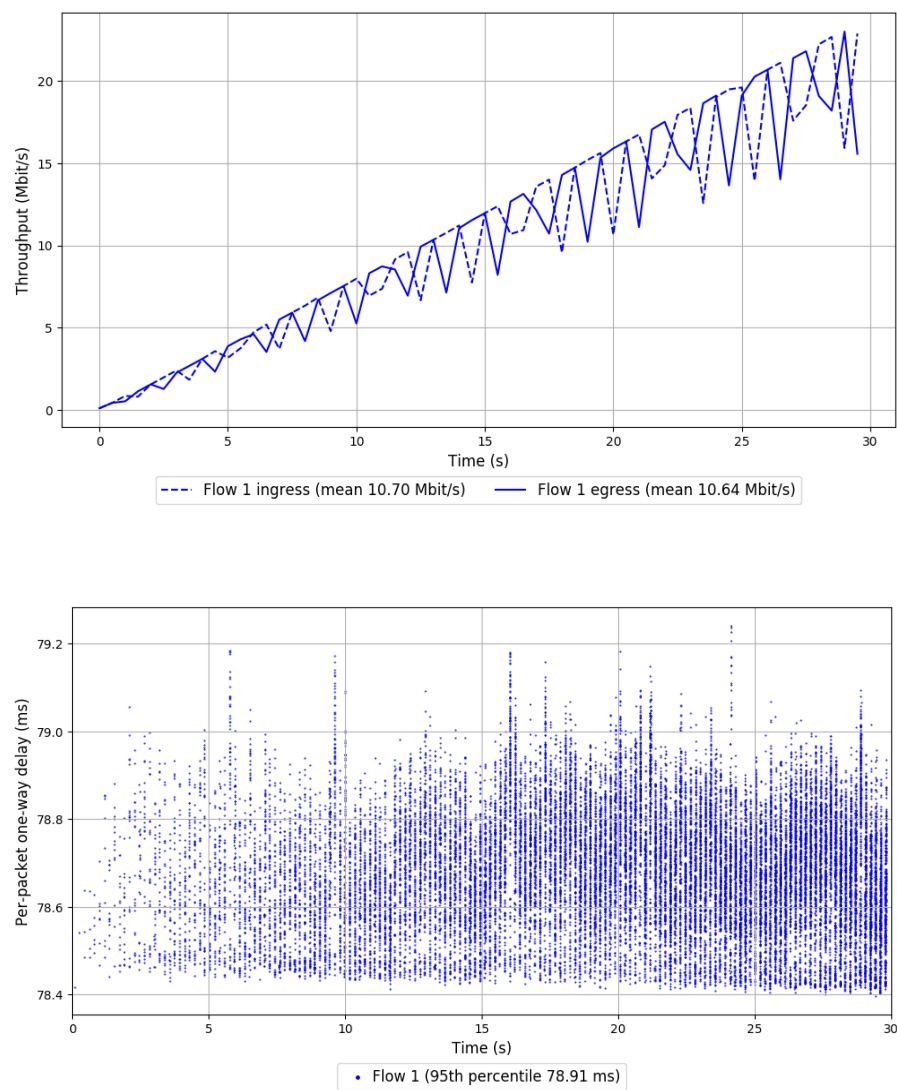


Run 2: Statistics of LEDBAT

Start at: 2018-02-04 04:32:17  
End at: 2018-02-04 04:32:47  
Local clock offset: -0.309 ms  
Remote clock offset: -0.281 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.64 Mbit/s  
95th percentile per-packet one-way delay: 78.911 ms  
Loss rate: 1.23%  
-- Flow 1:  
Average throughput: 10.64 Mbit/s  
95th percentile per-packet one-way delay: 78.911 ms  
Loss rate: 1.23%

Run 2: Report of LEDBAT — Data Link

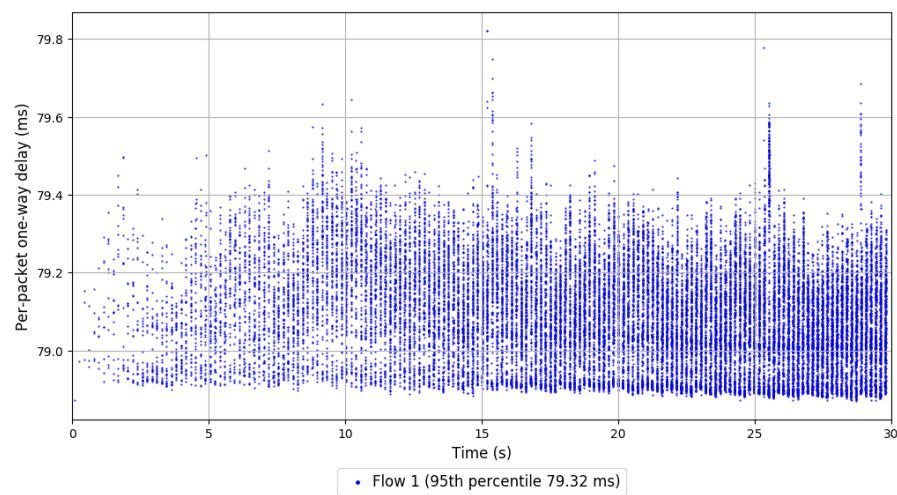
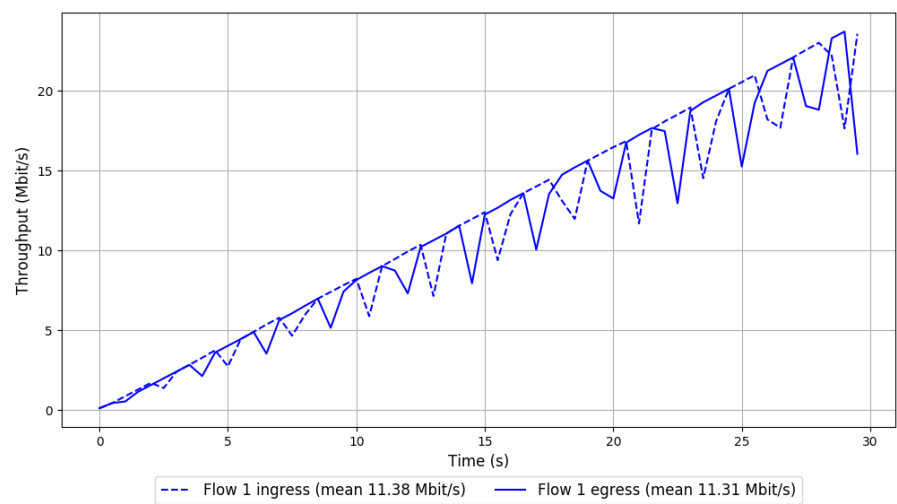


Run 3: Statistics of LEDBAT

Start at: 2018-02-04 04:54:30  
End at: 2018-02-04 04:55:00  
Local clock offset: -0.243 ms  
Remote clock offset: -1.015 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.31 Mbit/s  
95th percentile per-packet one-way delay: 79.324 ms  
Loss rate: 1.19%  
-- Flow 1:  
Average throughput: 11.31 Mbit/s  
95th percentile per-packet one-way delay: 79.324 ms  
Loss rate: 1.19%

Run 3: Report of LEDBAT — Data Link

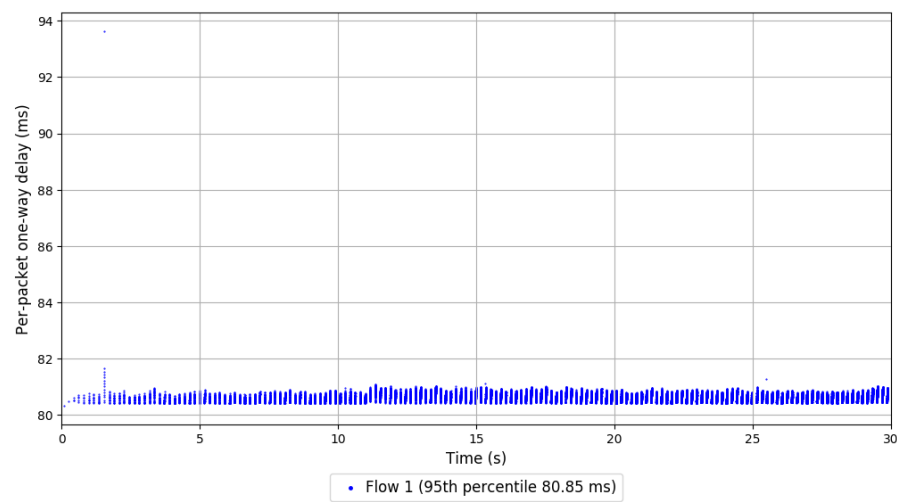
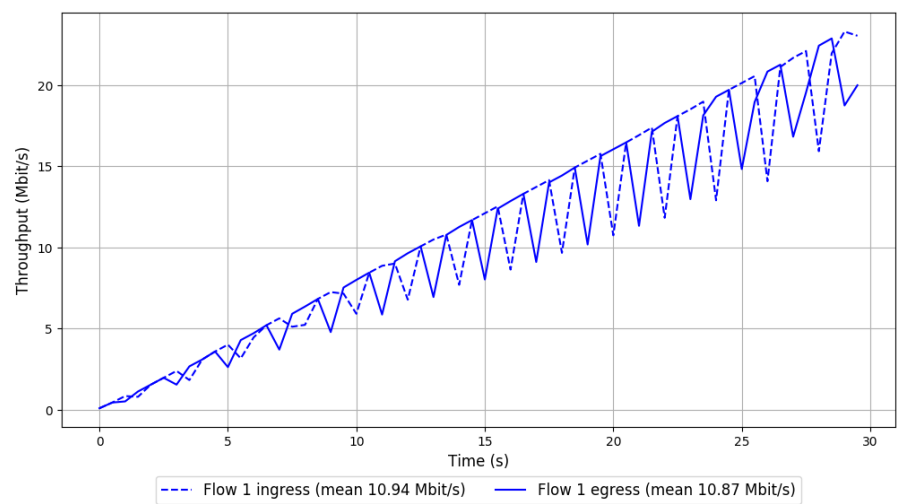


Run 4: Statistics of LEDBAT

Start at: 2018-02-04 05:16:39  
End at: 2018-02-04 05:17:09  
Local clock offset: -0.212 ms  
Remote clock offset: -1.819 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.87 Mbit/s  
95th percentile per-packet one-way delay: 80.854 ms  
Loss rate: 1.16%  
-- Flow 1:  
Average throughput: 10.87 Mbit/s  
95th percentile per-packet one-way delay: 80.854 ms  
Loss rate: 1.16%

Run 4: Report of LEDBAT — Data Link



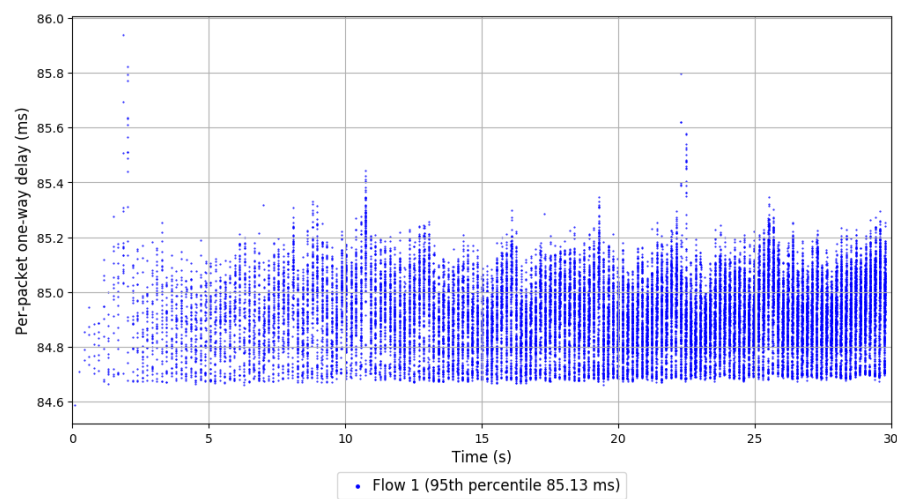
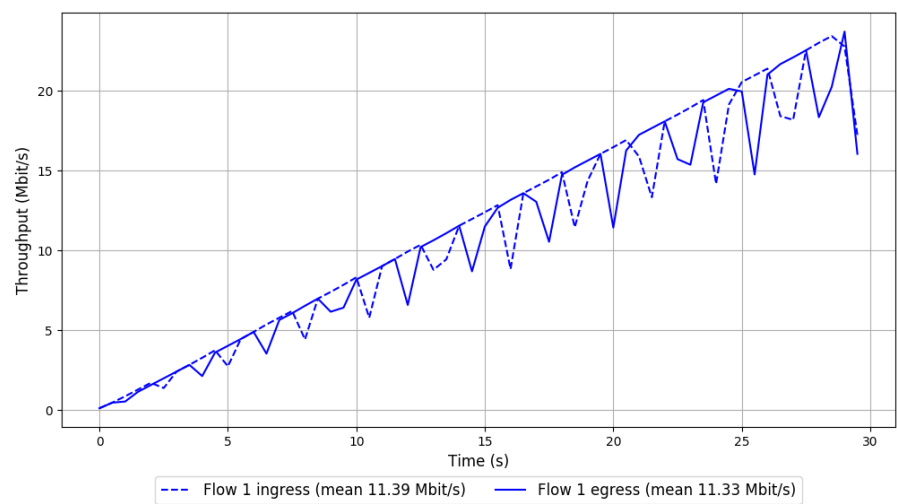
Run 5: Statistics of LEDBAT

Start at: 2018-02-04 05:38:46  
End at: 2018-02-04 05:39:16  
Local clock offset: -0.174 ms  
Remote clock offset: -5.713 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.33 Mbit/s  
95th percentile per-packet one-way delay: 85.130 ms  
Loss rate: 1.19%  
-- Flow 1:  
Average throughput: 11.33 Mbit/s  
95th percentile per-packet one-way delay: 85.130 ms  
Loss rate: 1.19%



Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-04 06:00:54

End at: 2018-02-04 06:01:24

Local clock offset: -0.031 ms

Remote clock offset: 1.518 ms

# Below is generated by plot.py at 2018-02-04 11:35:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.89 Mbit/s

95th percentile per-packet one-way delay: 80.022 ms

Loss rate: 1.21%

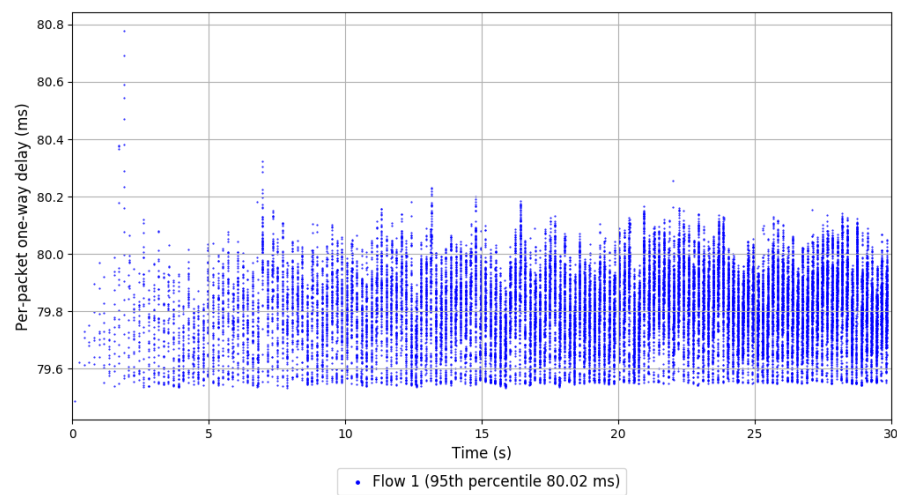
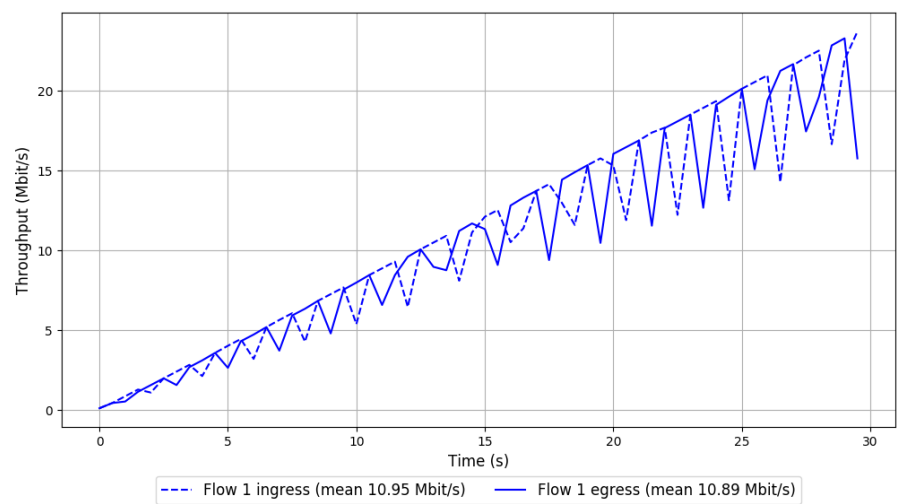
-- Flow 1:

Average throughput: 10.89 Mbit/s

95th percentile per-packet one-way delay: 80.022 ms

Loss rate: 1.21%

Run 6: Report of LEDBAT — Data Link

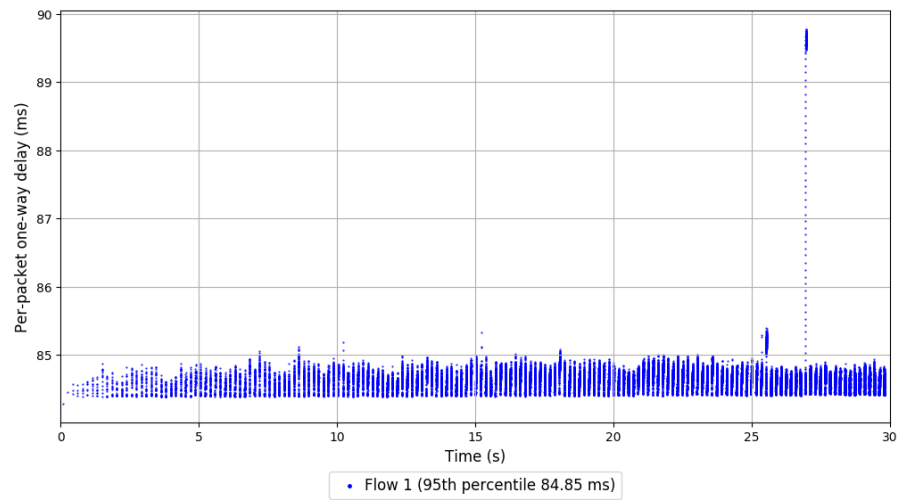
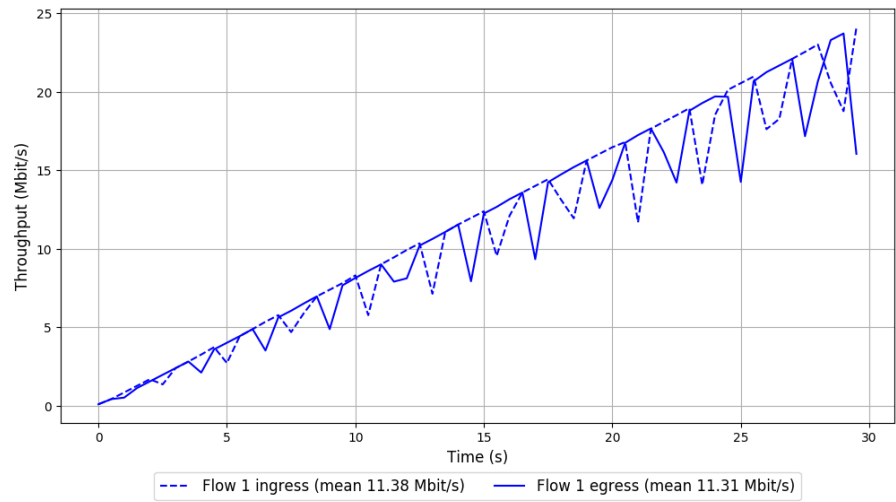


Run 7: Statistics of LEDBAT

Start at: 2018-02-04 06:23:04  
End at: 2018-02-04 06:23:34  
Local clock offset: -0.001 ms  
Remote clock offset: -2.993 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.31 Mbit/s  
95th percentile per-packet one-way delay: 84.848 ms  
Loss rate: 1.19%  
-- Flow 1:  
Average throughput: 11.31 Mbit/s  
95th percentile per-packet one-way delay: 84.848 ms  
Loss rate: 1.19%

## Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-02-04 06:45:13

End at: 2018-02-04 06:45:43

Local clock offset: -0.011 ms

Remote clock offset: 2.159 ms

# Below is generated by plot.py at 2018-02-04 11:35:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 11.02 Mbit/s

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

Loss rate: 1.20%

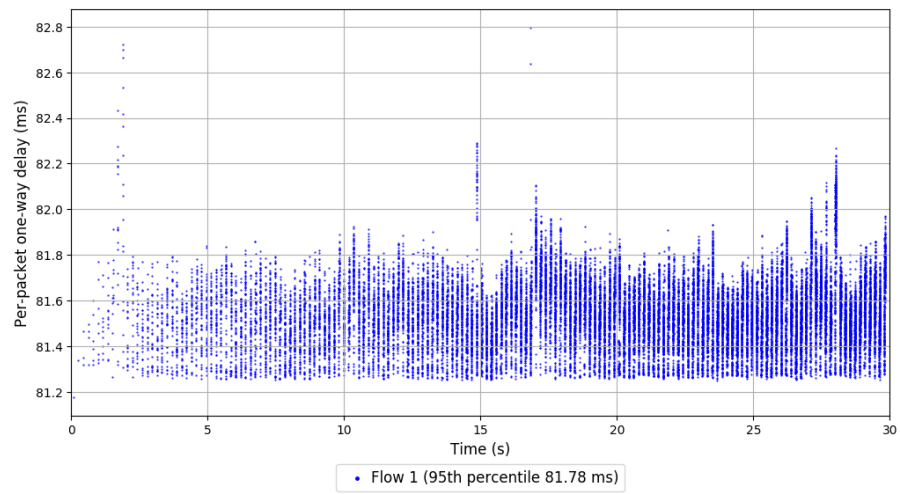
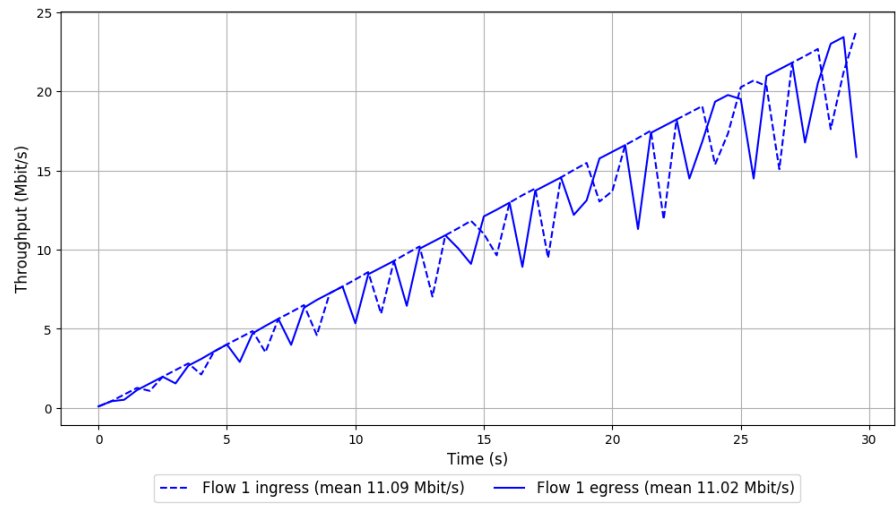
-- Flow 1:

Average throughput: 11.02 Mbit/s

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

Loss rate: 1.20%

# Run 8: Report of LEDBAT — Data Link



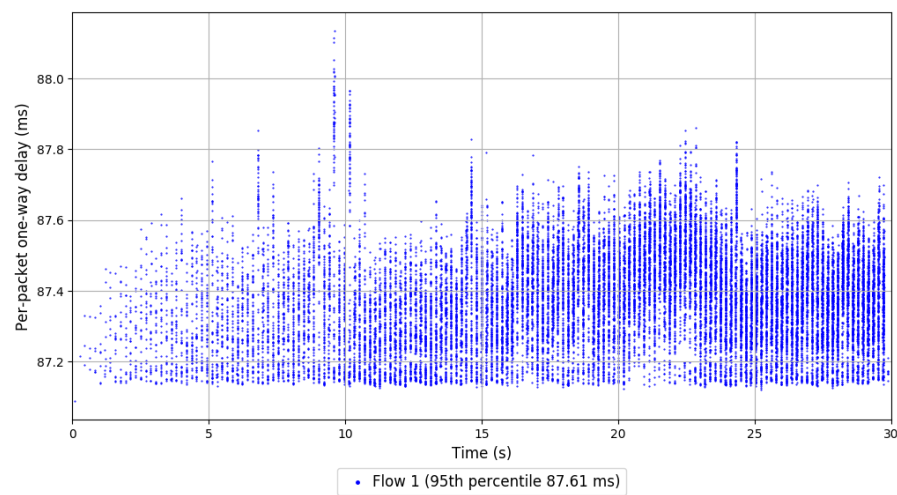
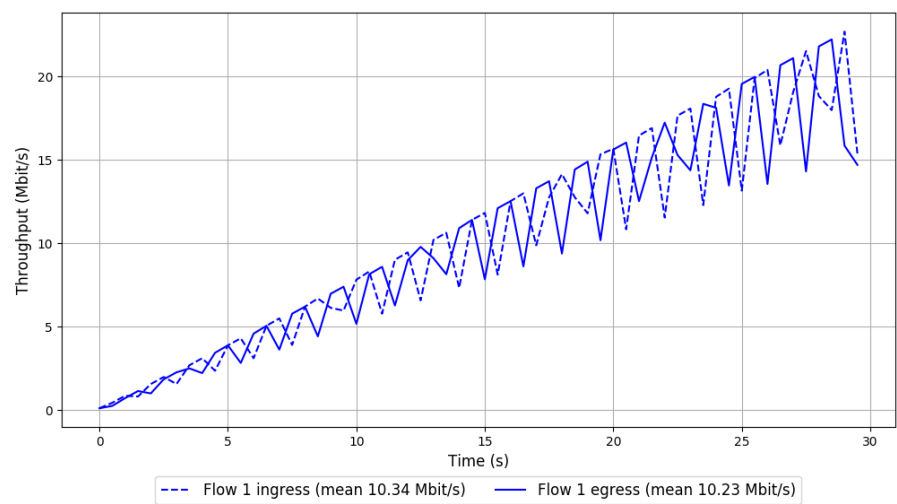
Run 9: Statistics of LEDBAT

Start at: 2018-02-04 07:07:23  
End at: 2018-02-04 07:07:53  
Local clock offset: -0.038 ms  
Remote clock offset: -2.391 ms

# Below is generated by plot.py at 2018-02-04 11:35:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 10.23 Mbit/s  
95th percentile per-packet one-way delay: 87.609 ms  
Loss rate: 1.22%  
-- Flow 1:  
Average throughput: 10.23 Mbit/s  
95th percentile per-packet one-way delay: 87.609 ms  
Loss rate: 1.22%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-02-04 07:30:47

End at: 2018-02-04 07:31:17

Local clock offset: -0.068 ms

Remote clock offset: -0.64 ms

# Below is generated by plot.py at 2018-02-04 11:35:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 10.92 Mbit/s

95th percentile per-packet one-way delay: 86.750 ms

Loss rate: 1.21%

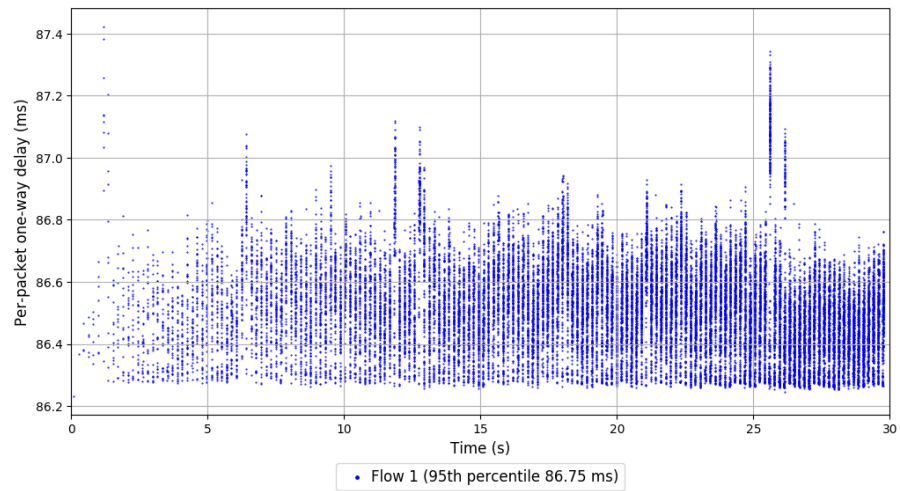
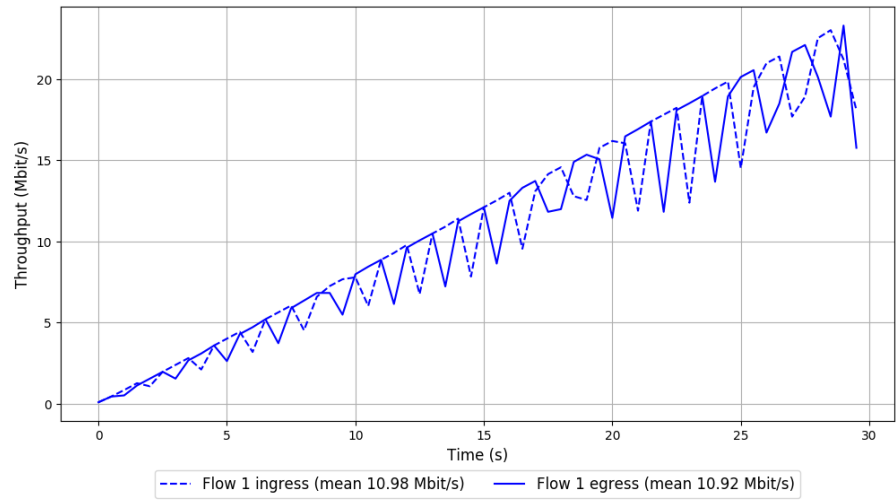
-- Flow 1:

Average throughput: 10.92 Mbit/s

95th percentile per-packet one-way delay: 86.750 ms

Loss rate: 1.21%

# Run 10: Report of LEDBAT — Data Link

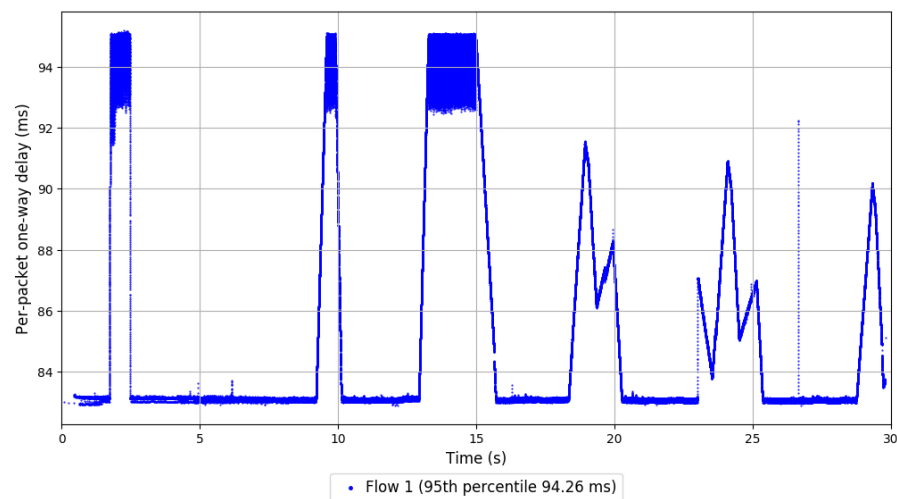
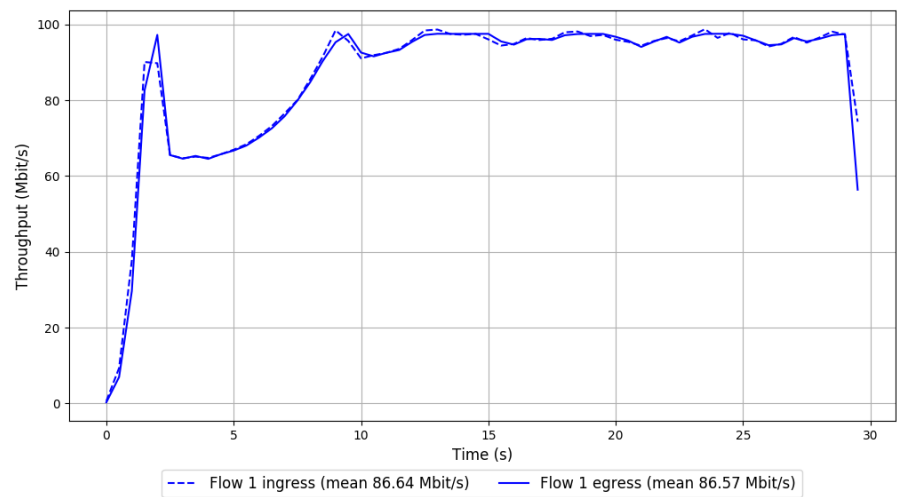


Run 1: Statistics of PCC

Start at: 2018-02-04 04:22:24  
End at: 2018-02-04 04:22:54  
Local clock offset: -0.353 ms  
Remote clock offset: -4.906 ms

# Below is generated by plot.py at 2018-02-04 11:35:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.57 Mbit/s  
95th percentile per-packet one-way delay: 94.261 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 86.57 Mbit/s  
95th percentile per-packet one-way delay: 94.261 ms  
Loss rate: 0.67%

Run 1: Report of PCC — Data Link

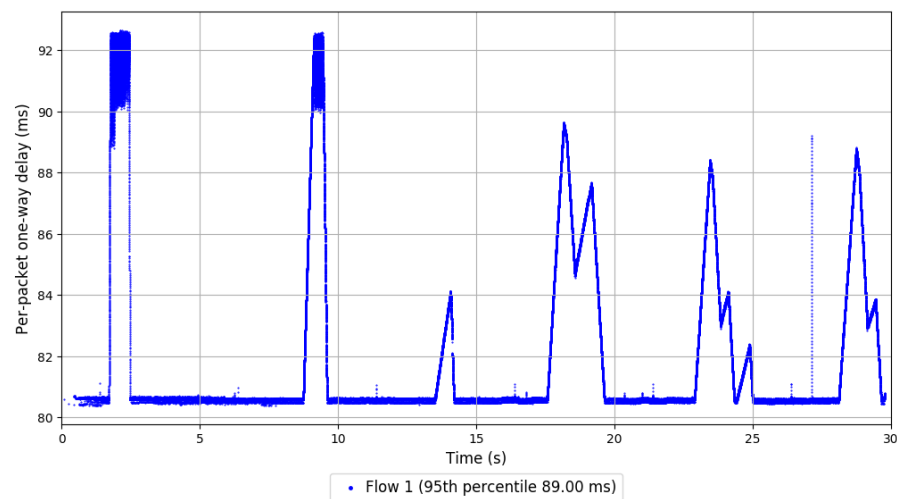
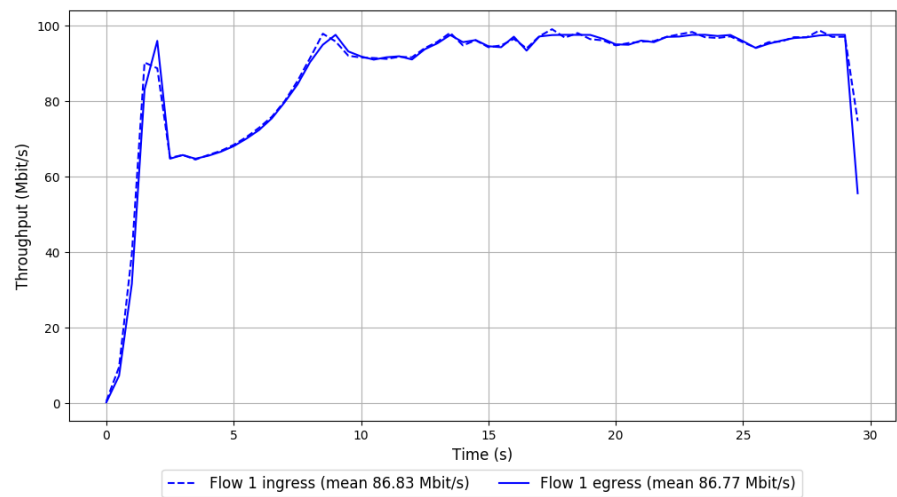


Run 2: Statistics of PCC

Start at: 2018-02-04 04:44:38  
End at: 2018-02-04 04:45:08  
Local clock offset: -0.285 ms  
Remote clock offset: -2.096 ms

# Below is generated by plot.py at 2018-02-04 11:35:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.77 Mbit/s  
95th percentile per-packet one-way delay: 89.002 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 86.77 Mbit/s  
95th percentile per-packet one-way delay: 89.002 ms  
Loss rate: 0.67%

Run 2: Report of PCC — Data Link



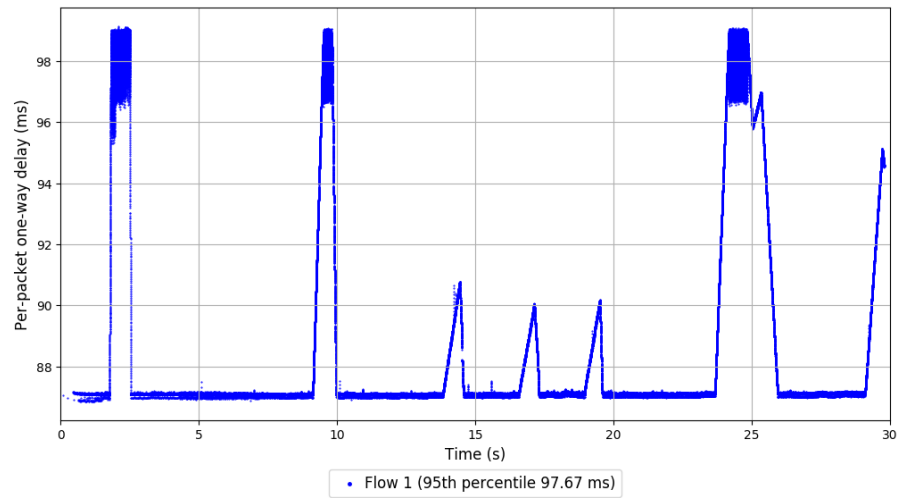
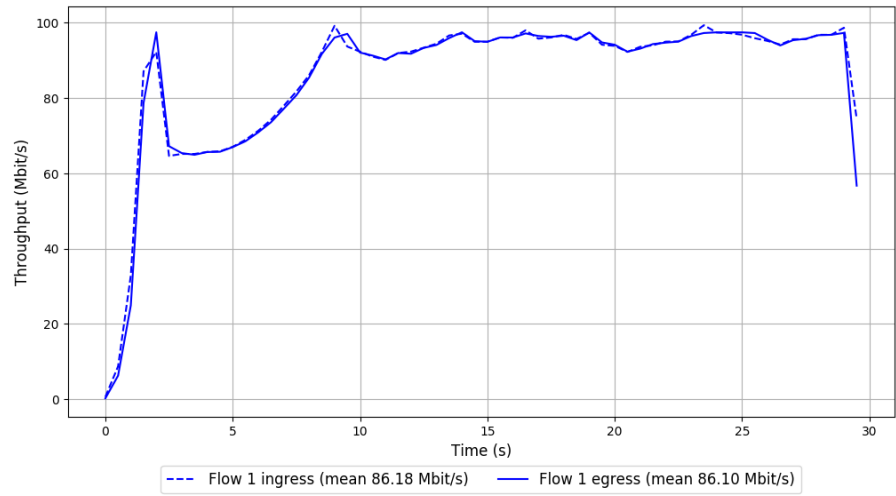
Run 3: Statistics of PCC

Start at: 2018-02-04 05:06:45  
End at: 2018-02-04 05:07:15  
Local clock offset: -0.282 ms  
Remote clock offset: -8.084 ms

# Below is generated by plot.py at 2018-02-04 11:35:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.10 Mbit/s  
95th percentile per-packet one-way delay: 97.670 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 86.10 Mbit/s  
95th percentile per-packet one-way delay: 97.670 ms  
Loss rate: 0.70%



### Run 3: Report of PCC — Data Link

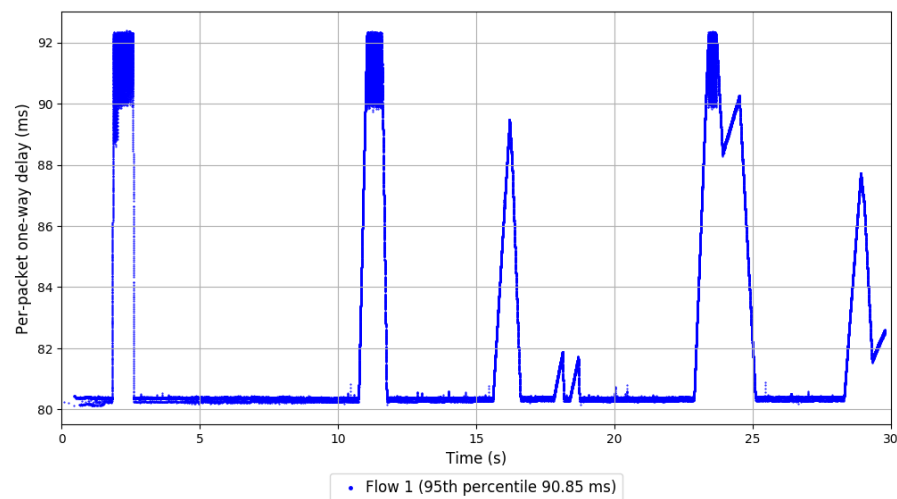
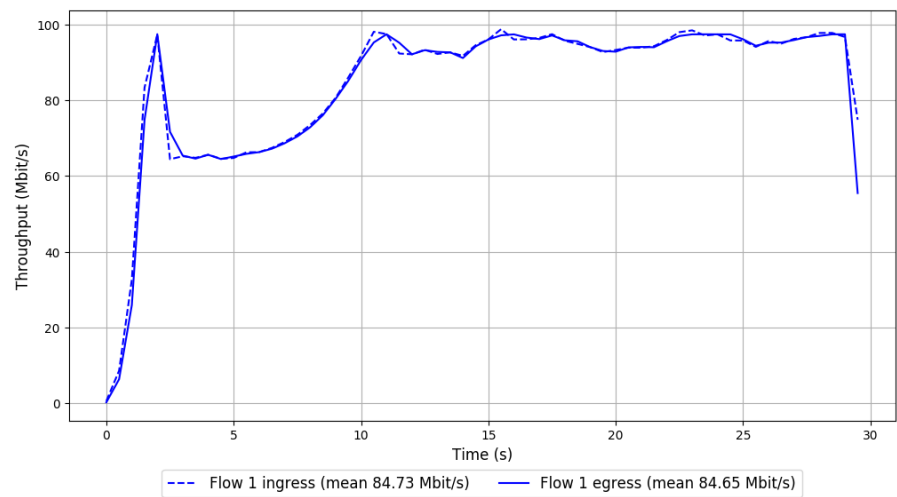


Run 4: Statistics of PCC

Start at: 2018-02-04 05:28:54  
End at: 2018-02-04 05:29:24  
Local clock offset: -0.223 ms  
Remote clock offset: -1.141 ms

# Below is generated by plot.py at 2018-02-04 11:35:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.65 Mbit/s  
95th percentile per-packet one-way delay: 90.850 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 84.65 Mbit/s  
95th percentile per-packet one-way delay: 90.850 ms  
Loss rate: 0.70%

Run 4: Report of PCC — Data Link

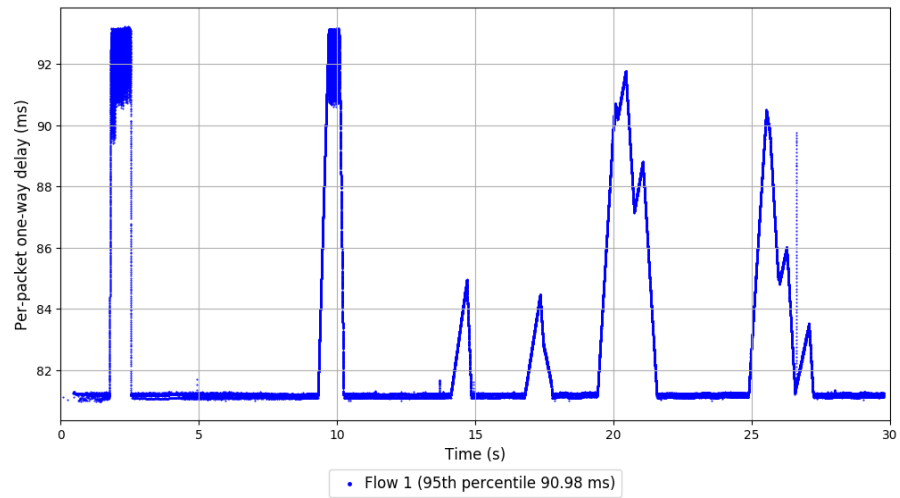
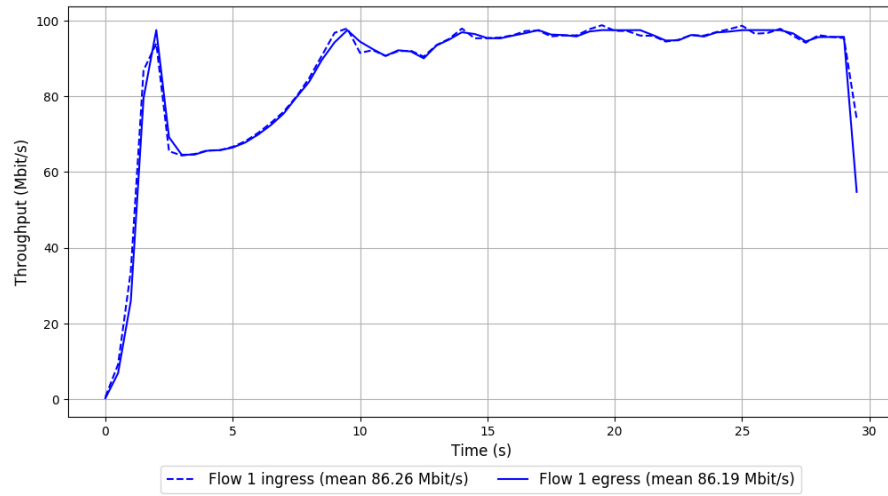


Run 5: Statistics of PCC

Start at: 2018-02-04 05:51:02  
End at: 2018-02-04 05:51:32  
Local clock offset: -0.08 ms  
Remote clock offset: -0.612 ms

# Below is generated by plot.py at 2018-02-04 11:36:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.19 Mbit/s  
95th percentile per-packet one-way delay: 90.976 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 86.19 Mbit/s  
95th percentile per-packet one-way delay: 90.976 ms  
Loss rate: 0.67%

### Run 5: Report of PCC — Data Link

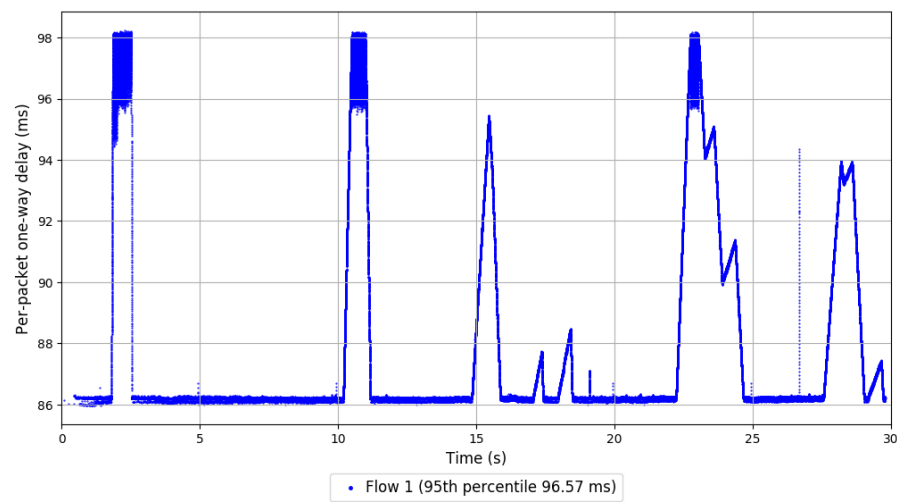
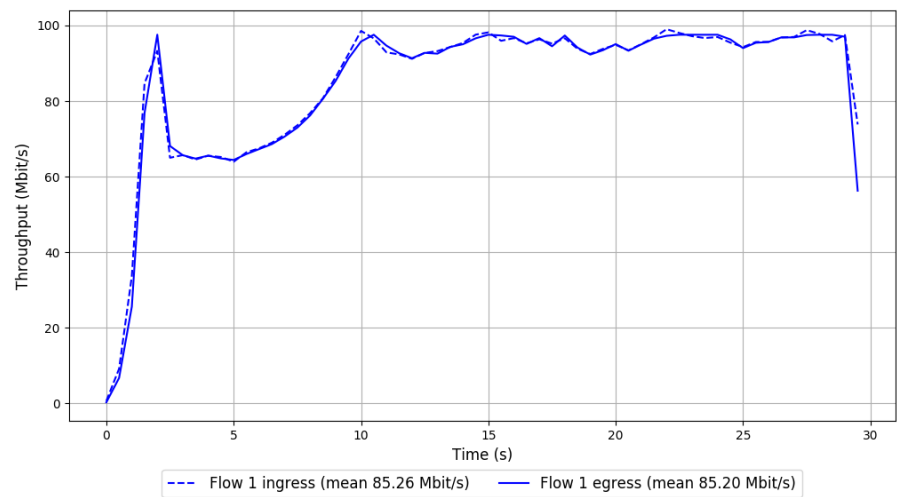


Run 6: Statistics of PCC

Start at: 2018-02-04 06:13:10  
End at: 2018-02-04 06:13:40  
Local clock offset: -0.002 ms  
Remote clock offset: -3.685 ms

# Below is generated by plot.py at 2018-02-04 11:36:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.20 Mbit/s  
95th percentile per-packet one-way delay: 96.574 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 85.20 Mbit/s  
95th percentile per-packet one-way delay: 96.574 ms  
Loss rate: 0.68%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-04 06:35:21

End at: 2018-02-04 06:35:51

Local clock offset: -0.034 ms

Remote clock offset: 2.643 ms

# Below is generated by plot.py at 2018-02-04 11:36:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.08 Mbit/s

95th percentile per-packet one-way delay: 88.193 ms

Loss rate: 0.69%

-- Flow 1:

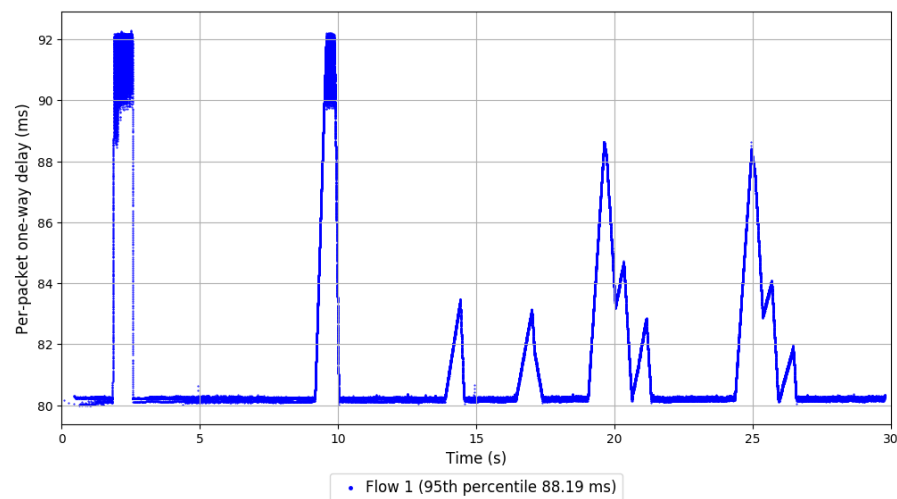
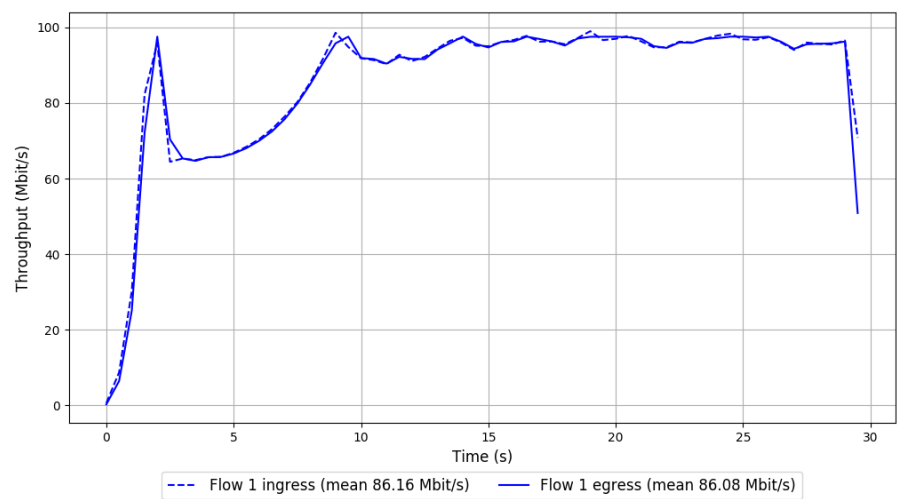
Average throughput: 86.08 Mbit/s

95th percentile per-packet one-way delay: 88.193 ms

Loss rate: 0.69%



Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-04 06:57:29

End at: 2018-02-04 06:57:59

Local clock offset: -0.11 ms

Remote clock offset: 4.169 ms

# Below is generated by plot.py at 2018-02-04 11:36:24

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.31 Mbit/s

95th percentile per-packet one-way delay: 80.293 ms

Loss rate: 1.72%

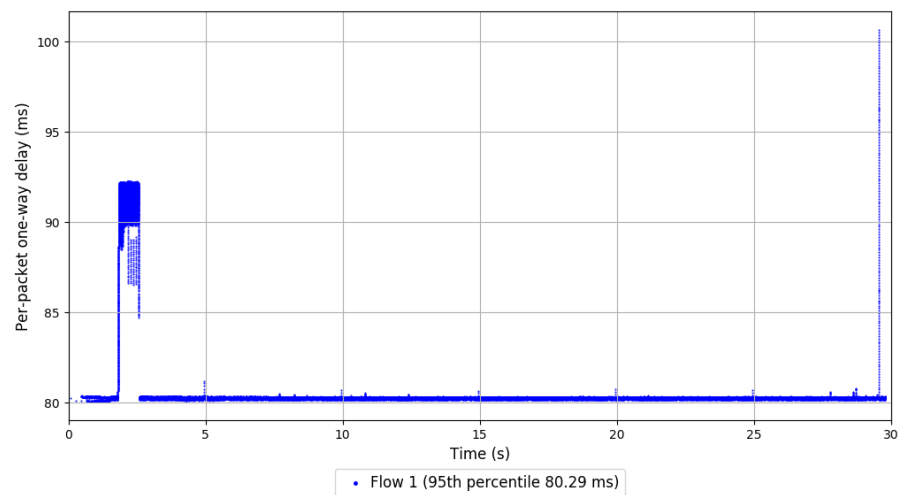
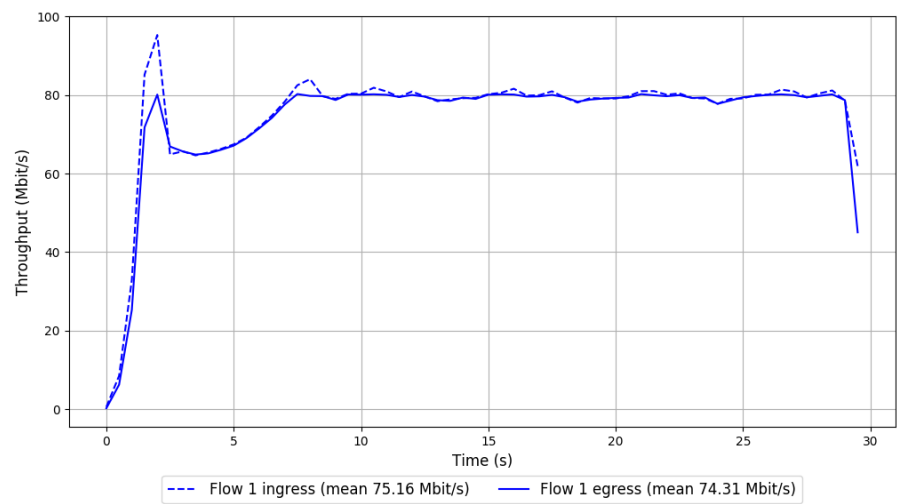
-- Flow 1:

Average throughput: 74.31 Mbit/s

95th percentile per-packet one-way delay: 80.293 ms

Loss rate: 1.72%

Run 8: Report of PCC — Data Link

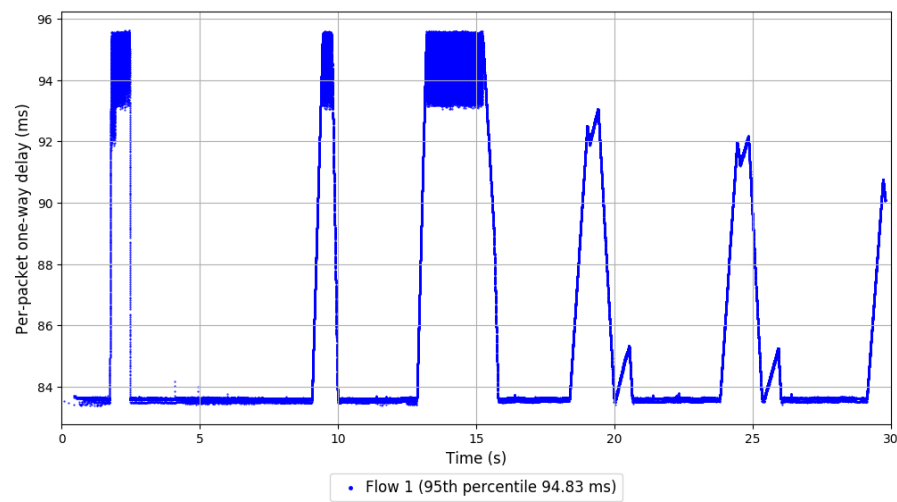
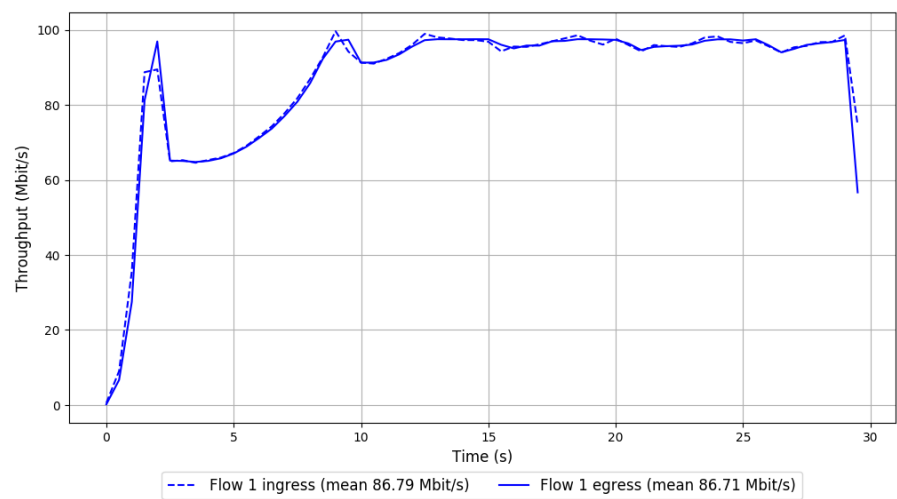


Run 9: Statistics of PCC

Start at: 2018-02-04 07:19:39  
End at: 2018-02-04 07:20:09  
Local clock offset: -0.071 ms  
Remote clock offset: -0.977 ms

# Below is generated by plot.py at 2018-02-04 11:37:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.71 Mbit/s  
95th percentile per-packet one-way delay: 94.829 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 86.71 Mbit/s  
95th percentile per-packet one-way delay: 94.829 ms  
Loss rate: 0.68%

Run 9: Report of PCC — Data Link

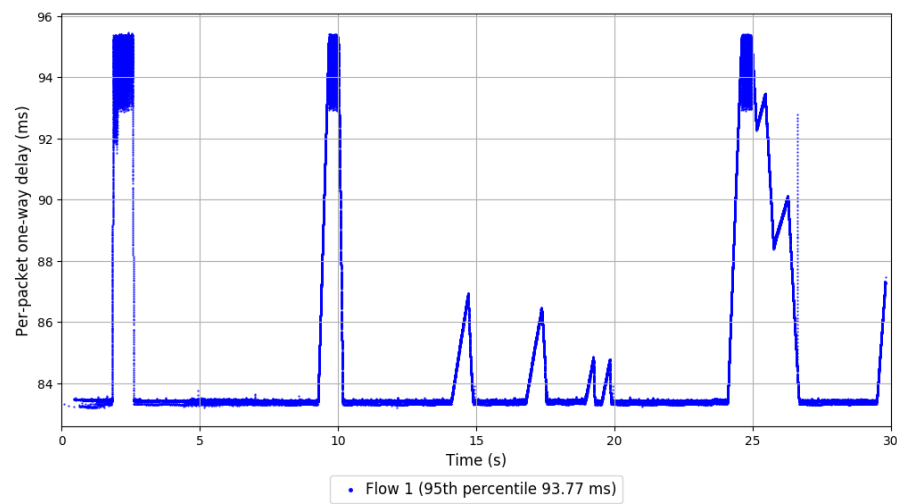
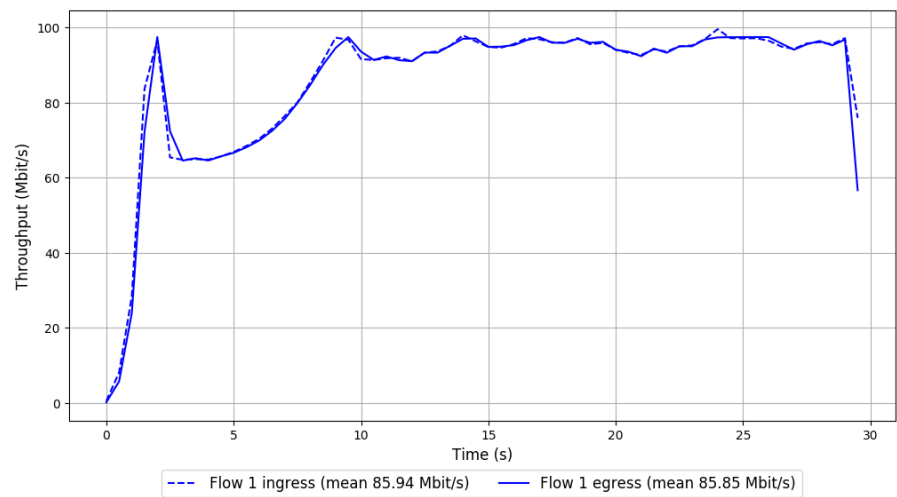


Run 10: Statistics of PCC

Start at: 2018-02-04 07:43:39  
End at: 2018-02-04 07:44:09  
Local clock offset: -0.117 ms  
Remote clock offset: -0.946 ms

# Below is generated by plot.py at 2018-02-04 11:37:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.85 Mbit/s  
95th percentile per-packet one-way delay: 93.769 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 85.85 Mbit/s  
95th percentile per-packet one-way delay: 93.769 ms  
Loss rate: 0.70%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-04 04:04:00

End at: 2018-02-04 04:04:30

Local clock offset: -0.382 ms

Remote clock offset: -3.696 ms

# Below is generated by plot.py at 2018-02-04 11:37:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 96.880 ms

Loss rate: 0.99%

-- Flow 1:

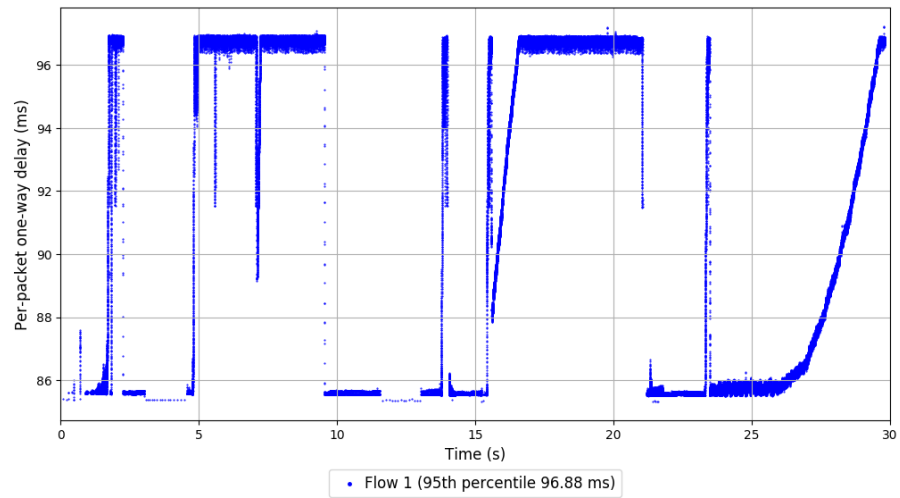
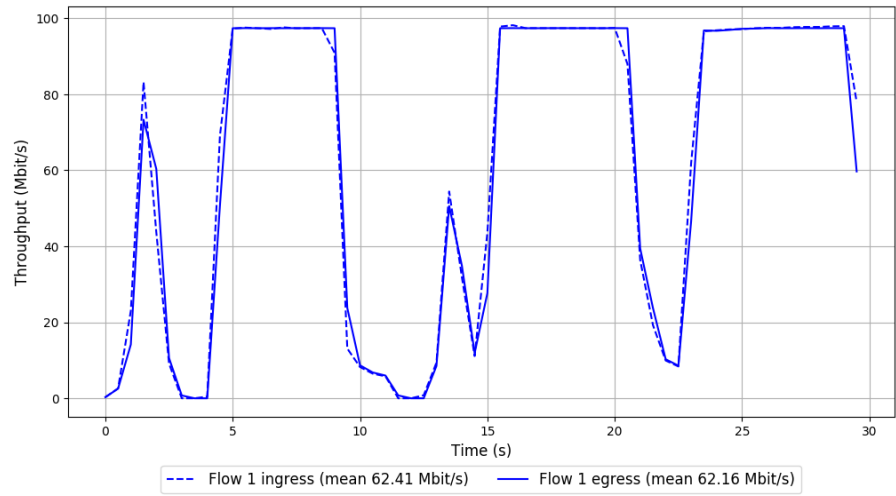
Average throughput: 62.16 Mbit/s

95th percentile per-packet one-way delay: 96.880 ms

Loss rate: 0.99%



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



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-04 04:26:09

End at: 2018-02-04 04:26:39

Local clock offset: -0.379 ms

Remote clock offset: -1.021 ms

# Below is generated by plot.py at 2018-02-04 11:37:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.86 Mbit/s

95th percentile per-packet one-way delay: 93.251 ms

Loss rate: 0.90%

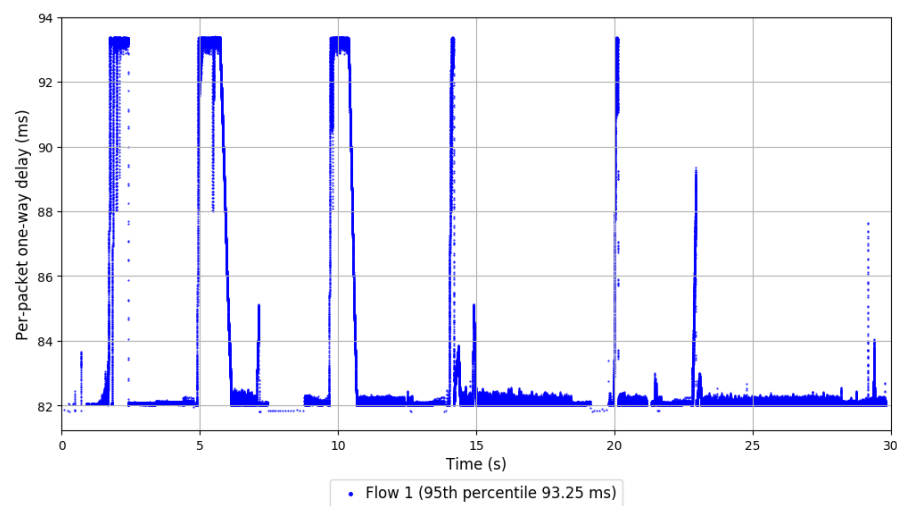
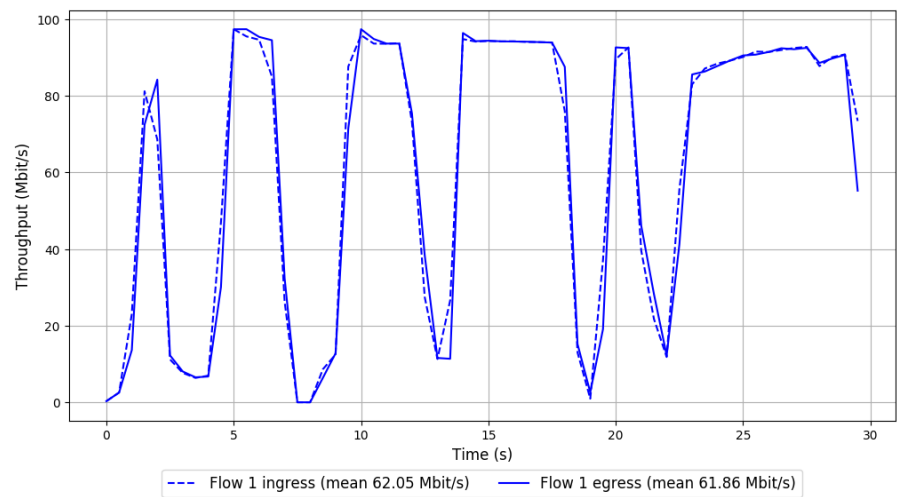
-- Flow 1:

Average throughput: 61.86 Mbit/s

95th percentile per-packet one-way delay: 93.251 ms

Loss rate: 0.90%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-04 04:48:22

End at: 2018-02-04 04:48:52

Local clock offset: -0.256 ms

Remote clock offset: -1.439 ms

# Below is generated by plot.py at 2018-02-04 11:37:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.83 Mbit/s

95th percentile per-packet one-way delay: 89.141 ms

Loss rate: 0.87%

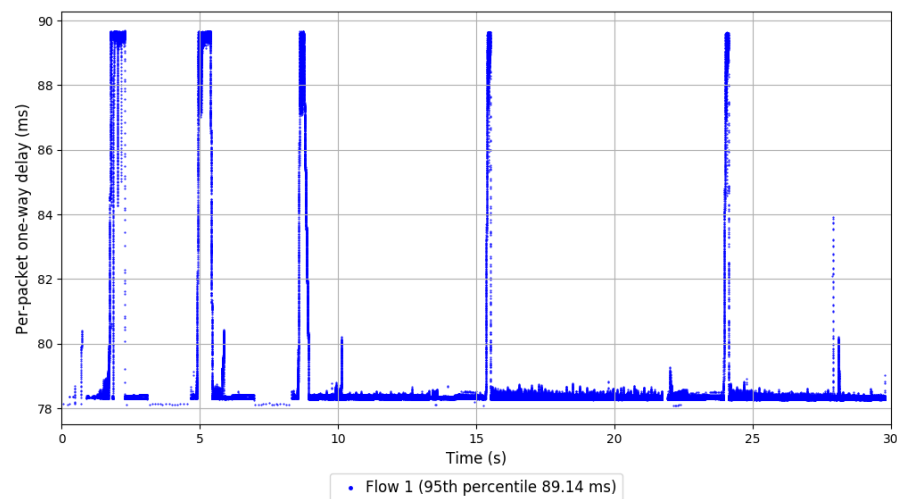
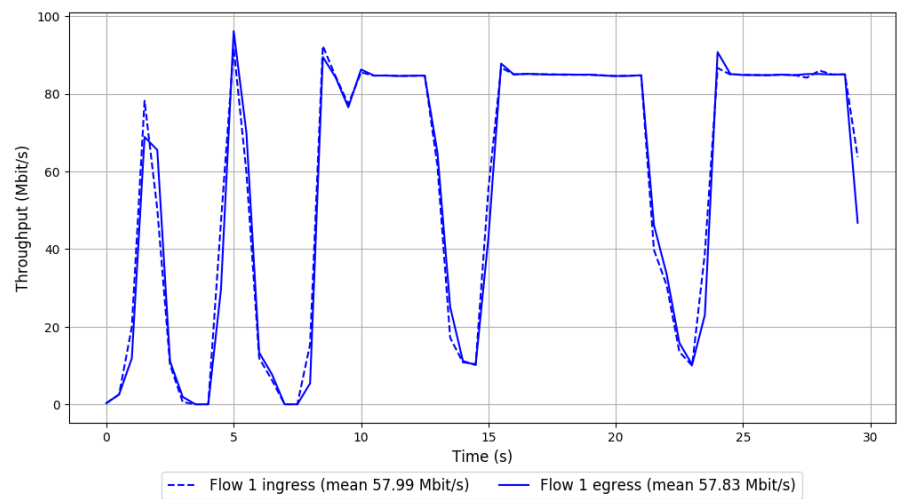
-- Flow 1:

Average throughput: 57.83 Mbit/s

95th percentile per-packet one-way delay: 89.141 ms

Loss rate: 0.87%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-04 05:10:30

End at: 2018-02-04 05:11:00

Local clock offset: -0.22 ms

Remote clock offset: -2.211 ms

# Below is generated by plot.py at 2018-02-04 11:37:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.61 Mbit/s

95th percentile per-packet one-way delay: 91.166 ms

Loss rate: 0.84%

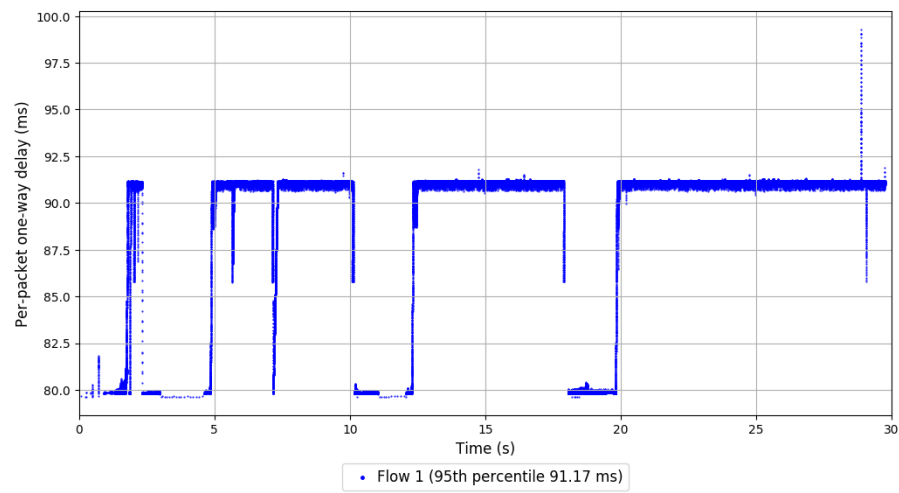
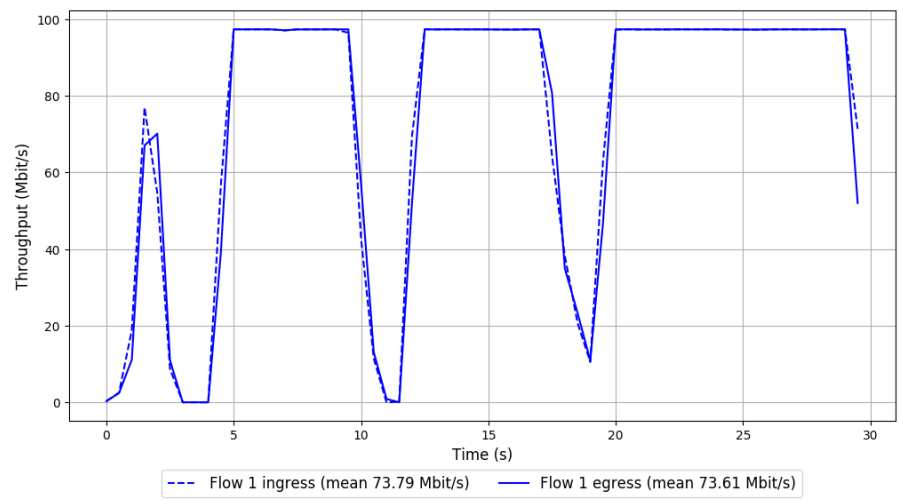
-- Flow 1:

Average throughput: 73.61 Mbit/s

95th percentile per-packet one-way delay: 91.166 ms

Loss rate: 0.84%

Run 4: Report of QUIC Cubic — Data Link



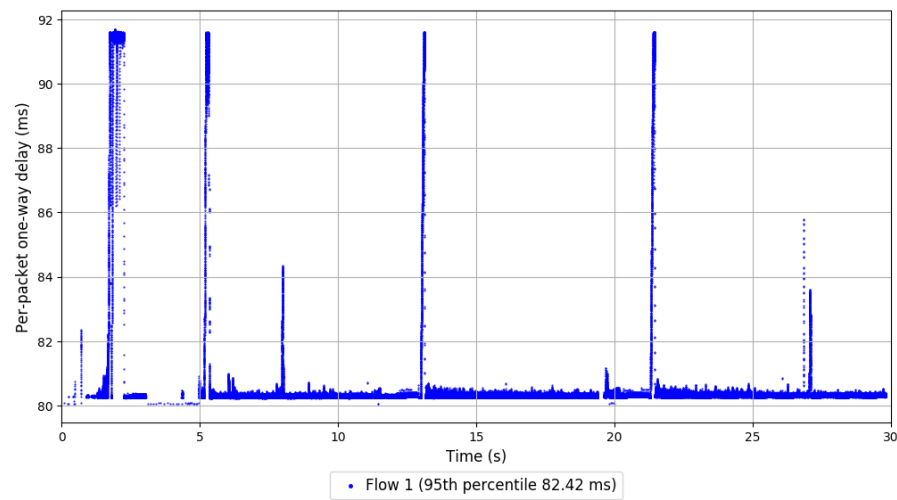
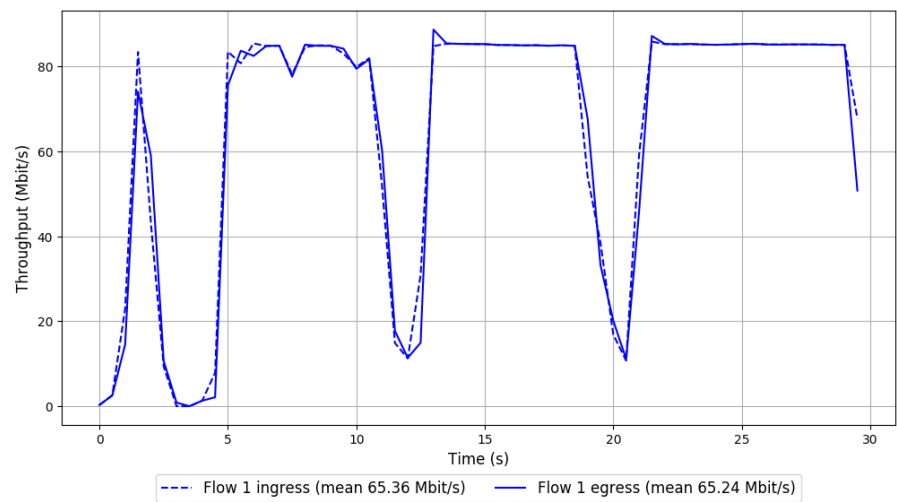
Run 5: Statistics of QUIC Cubic

Start at: 2018-02-04 05:32:38  
End at: 2018-02-04 05:33:08  
Local clock offset: -0.138 ms  
Remote clock offset: -0.876 ms

# Below is generated by plot.py at 2018-02-04 11:37:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 65.24 Mbit/s  
95th percentile per-packet one-way delay: 82.419 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 65.24 Mbit/s  
95th percentile per-packet one-way delay: 82.419 ms  
Loss rate: 0.78%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-04 05:54:46

End at: 2018-02-04 05:55:16

Local clock offset: -0.063 ms

Remote clock offset: 1.282 ms

# Below is generated by plot.py at 2018-02-04 11:37:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 54.13 Mbit/s

95th percentile per-packet one-way delay: 90.035 ms

Loss rate: 0.81%

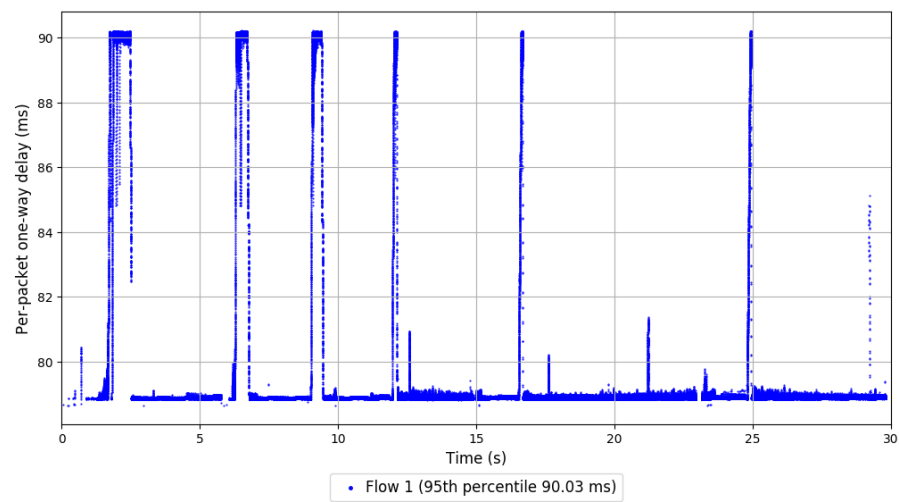
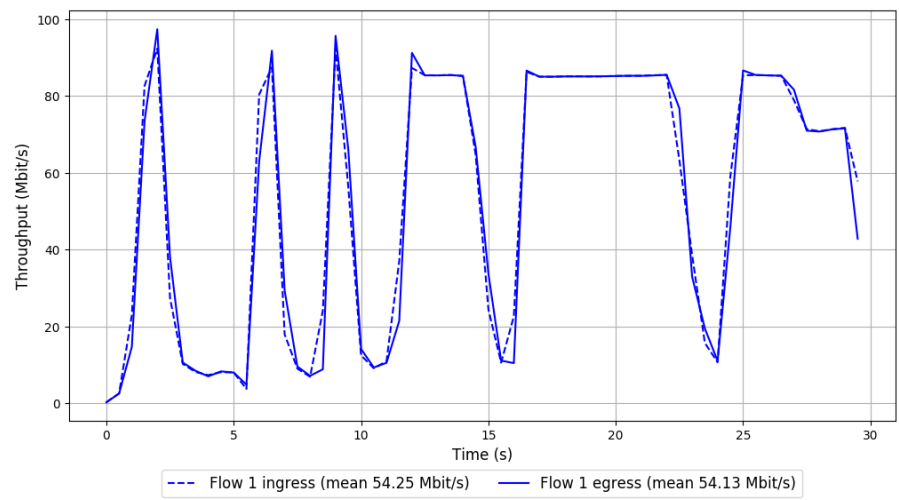
-- Flow 1:

Average throughput: 54.13 Mbit/s

95th percentile per-packet one-way delay: 90.035 ms

Loss rate: 0.81%

Run 6: Report of QUIC Cubic — Data Link

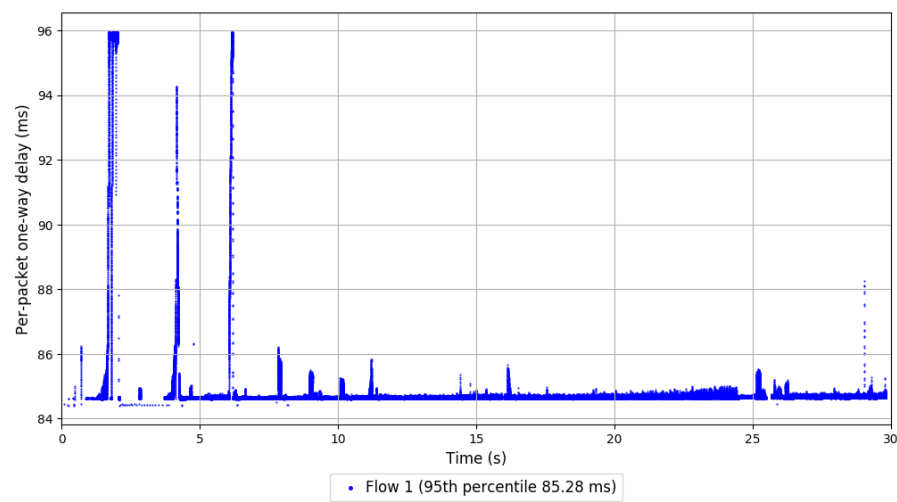
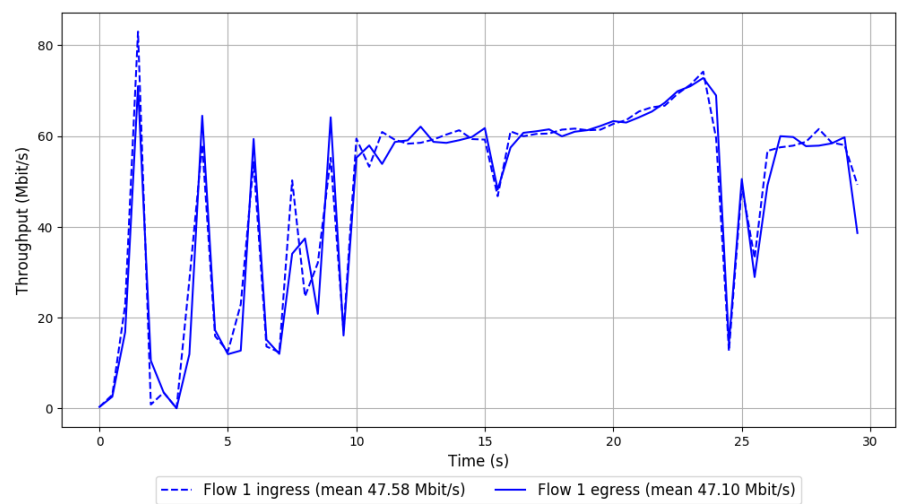


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-04 06:16:55  
End at: 2018-02-04 06:17:25  
Local clock offset: -0.014 ms  
Remote clock offset: -3.558 ms

# Below is generated by plot.py at 2018-02-04 11:37:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 47.10 Mbit/s  
95th percentile per-packet one-way delay: 85.278 ms  
Loss rate: 1.59%  
-- Flow 1:  
Average throughput: 47.10 Mbit/s  
95th percentile per-packet one-way delay: 85.278 ms  
Loss rate: 1.59%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-04 06:39:06

End at: 2018-02-04 06:39:36

Local clock offset: -0.016 ms

Remote clock offset: -2.892 ms

# Below is generated by plot.py at 2018-02-04 11:38:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 89.225 ms

Loss rate: 0.80%

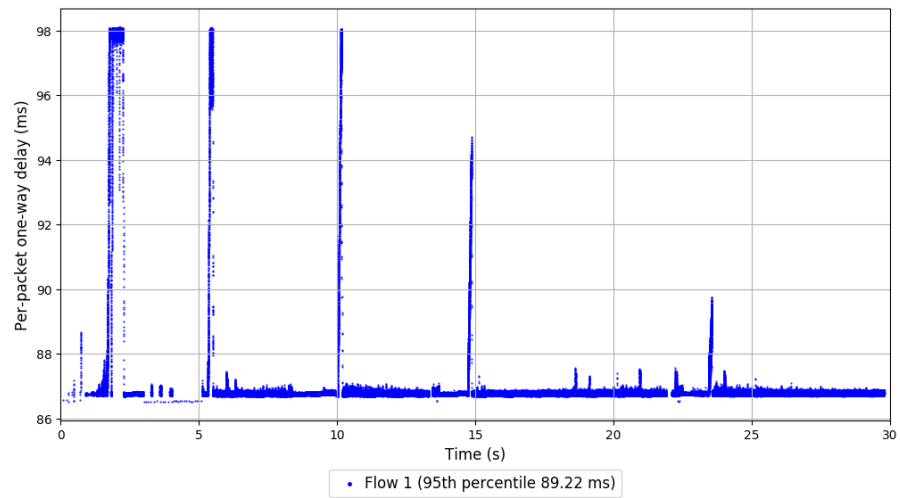
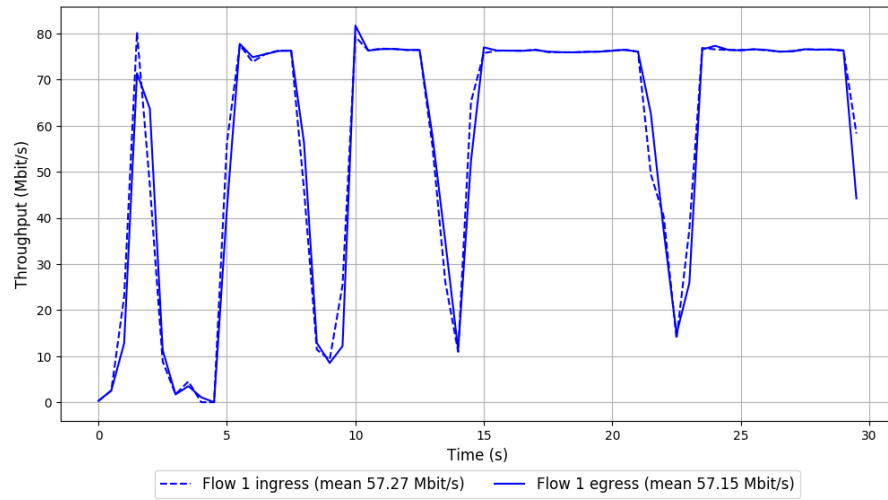
-- Flow 1:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 89.225 ms

Loss rate: 0.80%

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



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-04 07:01:14

End at: 2018-02-04 07:01:44

Local clock offset: -0.024 ms

Remote clock offset: 3.329 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 57.82 Mbit/s

95th percentile per-packet one-way delay: 84.169 ms

Loss rate: 0.79%

-- Flow 1:

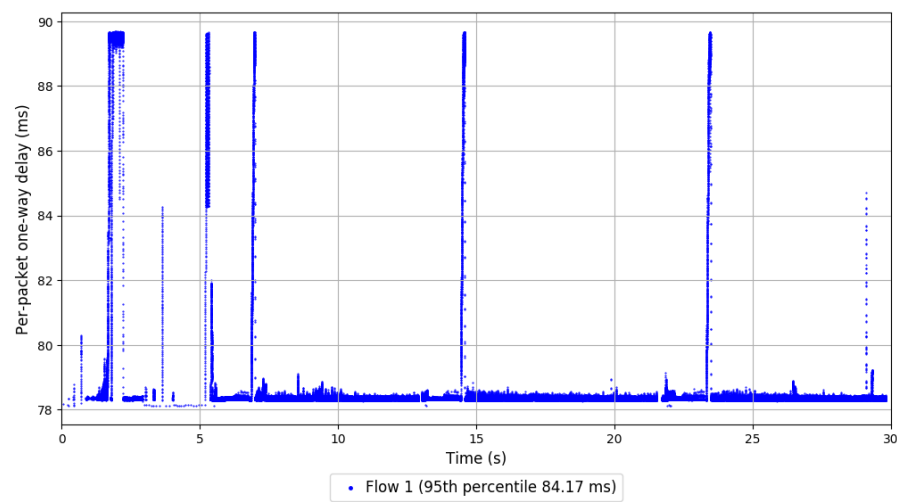
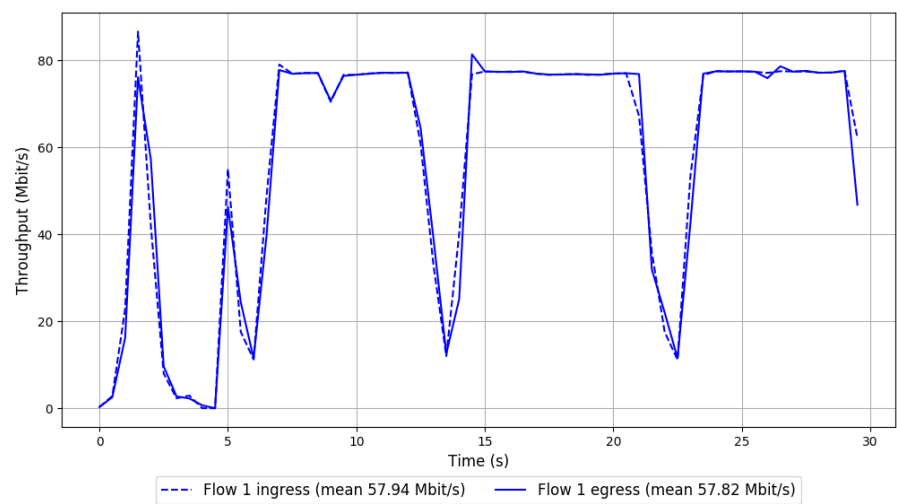
Average throughput: 57.82 Mbit/s

95th percentile per-packet one-way delay: 84.169 ms

Loss rate: 0.79%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-04 07:23:39

End at: 2018-02-04 07:24:09

Local clock offset: -0.136 ms

Remote clock offset: 4.098 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 53.56 Mbit/s

95th percentile per-packet one-way delay: 89.835 ms

Loss rate: 0.91%

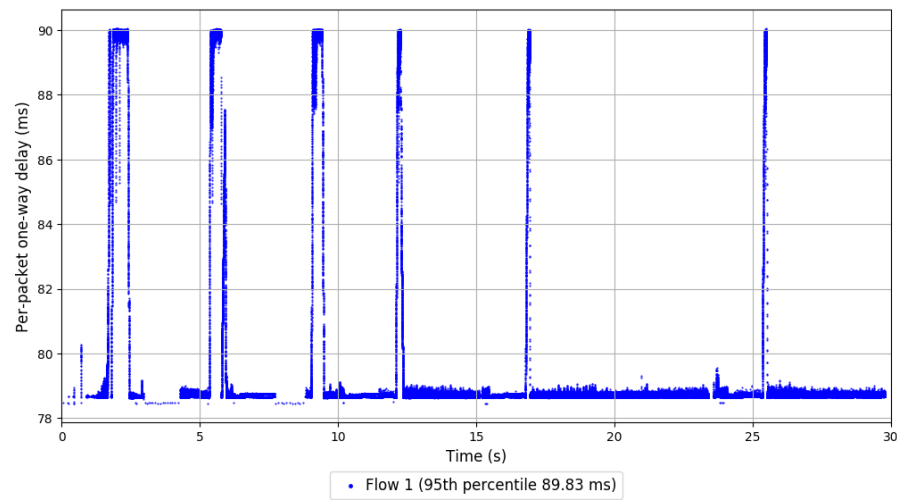
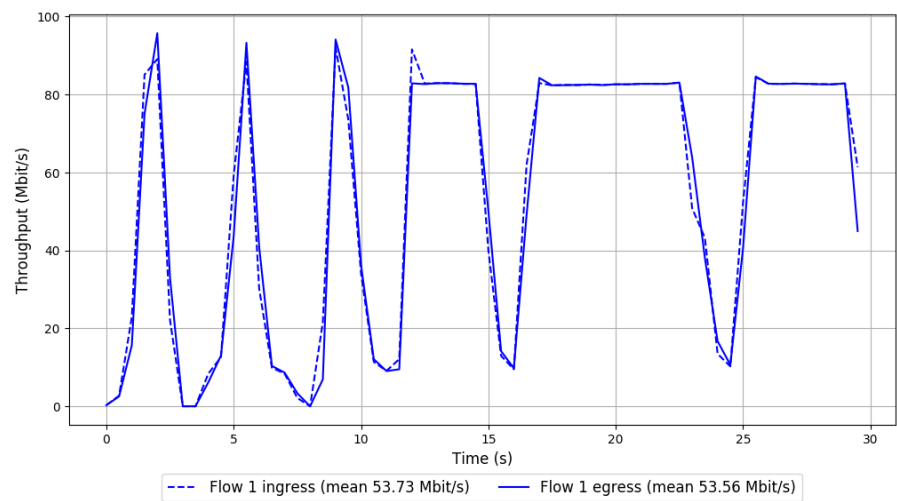
-- Flow 1:

Average throughput: 53.56 Mbit/s

95th percentile per-packet one-way delay: 89.835 ms

Loss rate: 0.91%

Run 10: Report of QUIC Cubic — Data Link

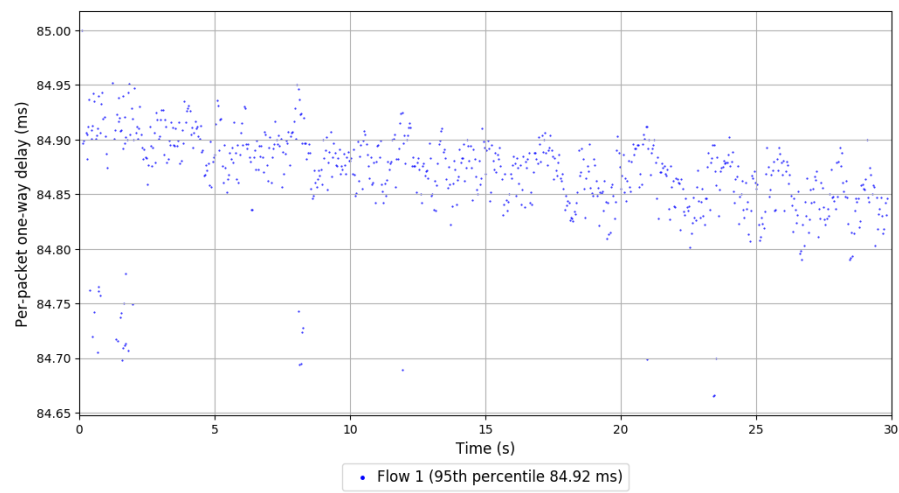
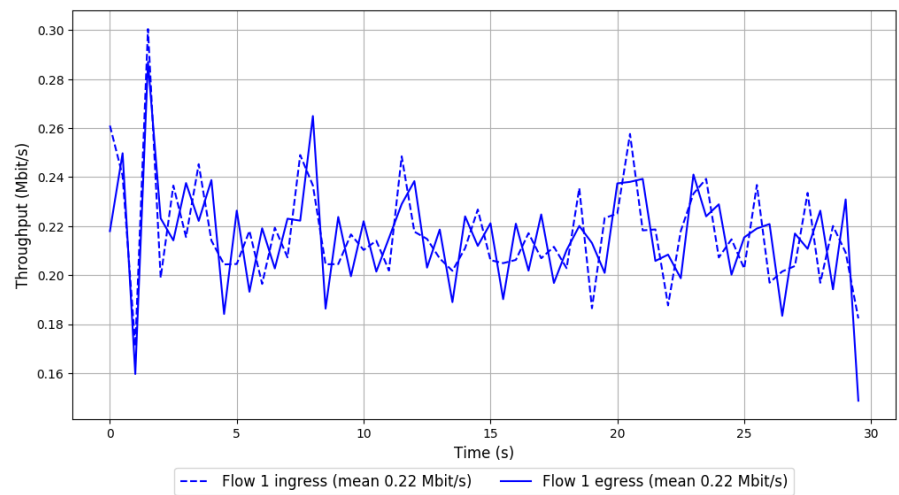


Run 1: Statistics of SCReAM

Start at: 2018-02-04 04:07:43  
End at: 2018-02-04 04:08:13  
Local clock offset: -0.435 ms  
Remote clock offset: -3.314 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.920 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 84.920 ms  
Loss rate: 0.51%

Run 1: Report of SReAM — Data Link

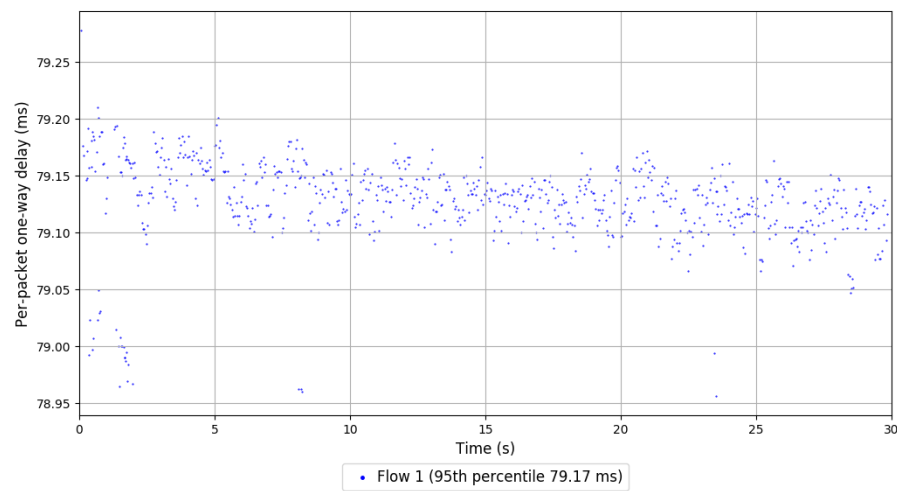
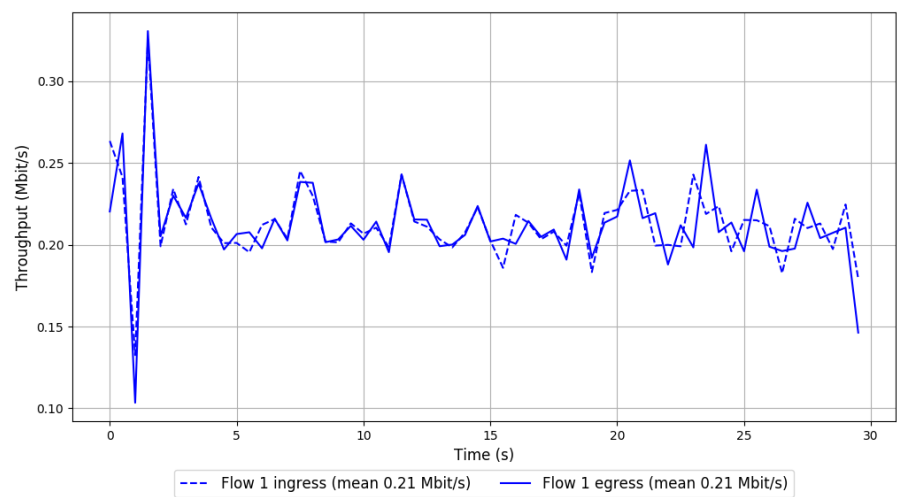


Run 2: Statistics of SCReAM

Start at: 2018-02-04 04:29:51  
End at: 2018-02-04 04:30:21  
Local clock offset: -0.293 ms  
Remote clock offset: -0.958 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 79.175 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 79.175 ms  
Loss rate: 0.51%

Run 2: Report of SReAM — Data Link



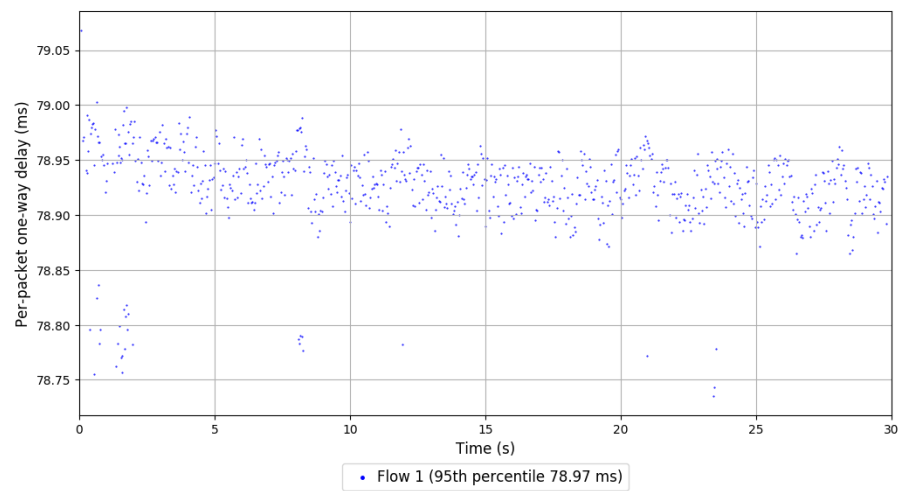
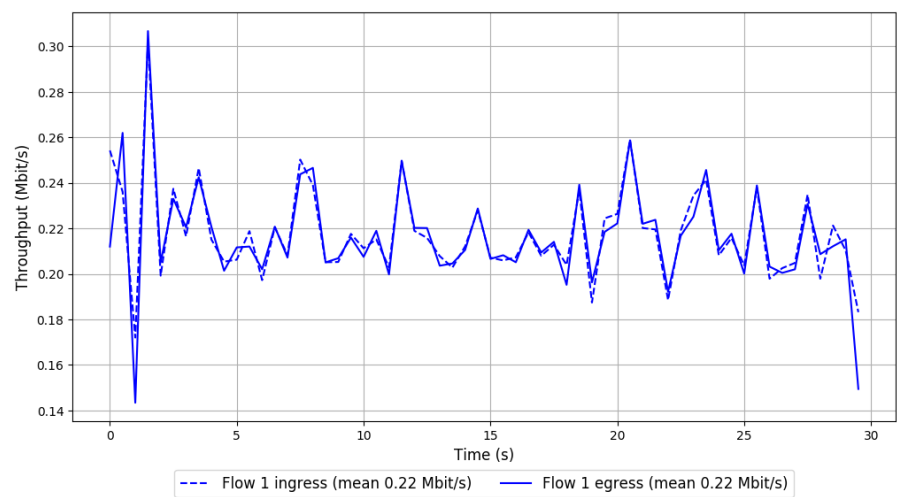
Run 3: Statistics of SCReAM

Start at: 2018-02-04 04:52:04  
End at: 2018-02-04 04:52:34  
Local clock offset: -0.262 ms  
Remote clock offset: -0.908 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 78.971 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 78.971 ms  
Loss rate: 0.51%



Run 3: Report of SReAM — Data Link

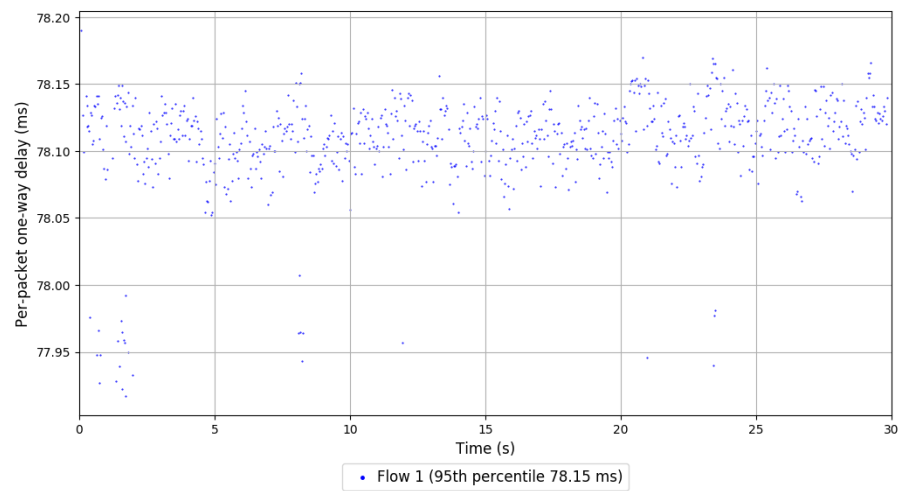
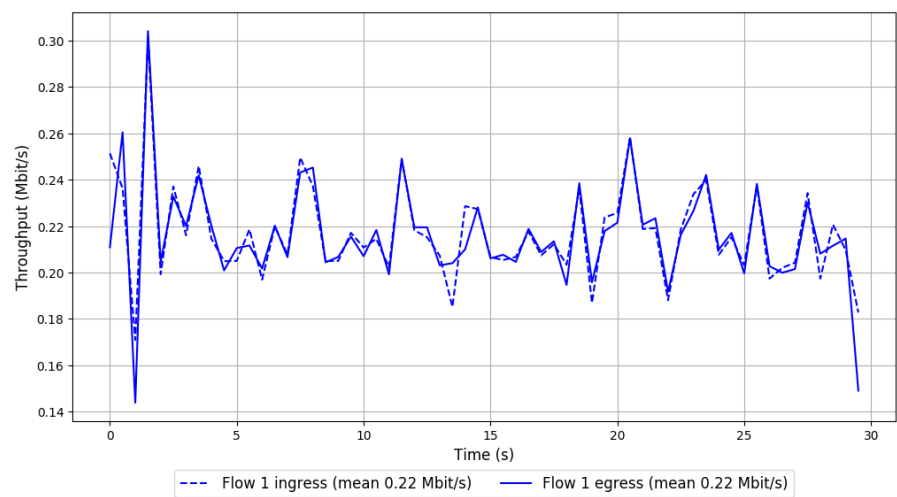


Run 4: Statistics of SCReAM

Start at: 2018-02-04 05:14:13  
End at: 2018-02-04 05:14:43  
Local clock offset: -0.232 ms  
Remote clock offset: -1.853 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 78.149 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 78.149 ms  
Loss rate: 0.51%

Run 4: Report of SReAM — Data Link

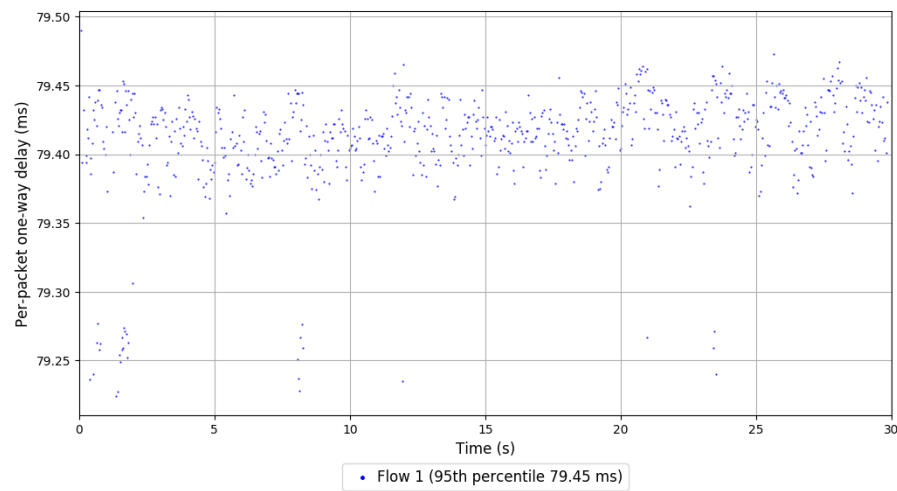
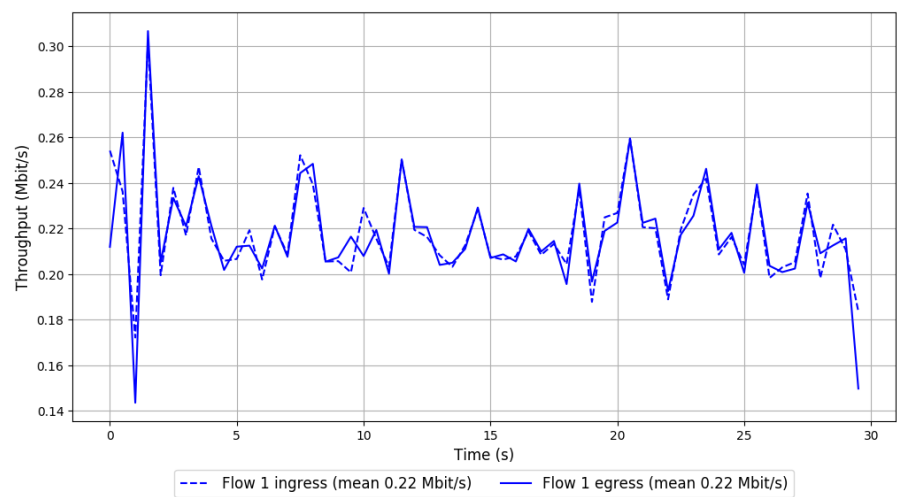


Run 5: Statistics of SCReAM

Start at: 2018-02-04 05:36:20  
End at: 2018-02-04 05:36:50  
Local clock offset: -0.122 ms  
Remote clock offset: -1.546 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 79.450 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 79.450 ms  
Loss rate: 0.51%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-02-04 05:58:28

End at: 2018-02-04 05:58:58

Local clock offset: -0.094 ms

Remote clock offset: 1.48 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.431 ms

Loss rate: 0.64%

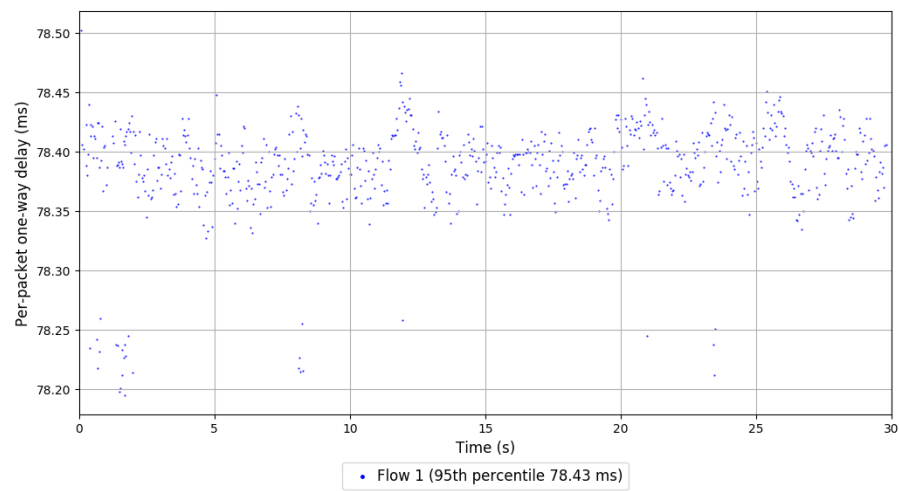
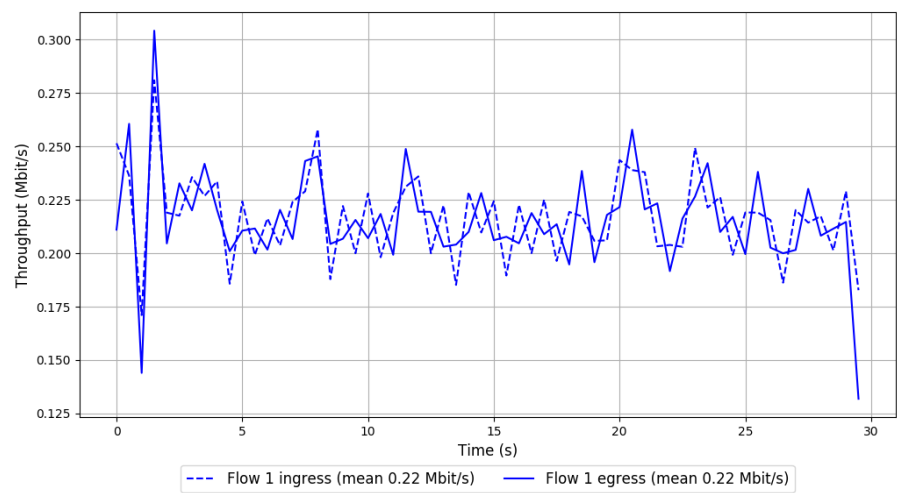
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 78.431 ms

Loss rate: 0.64%

Run 6: Report of SReAM — Data Link



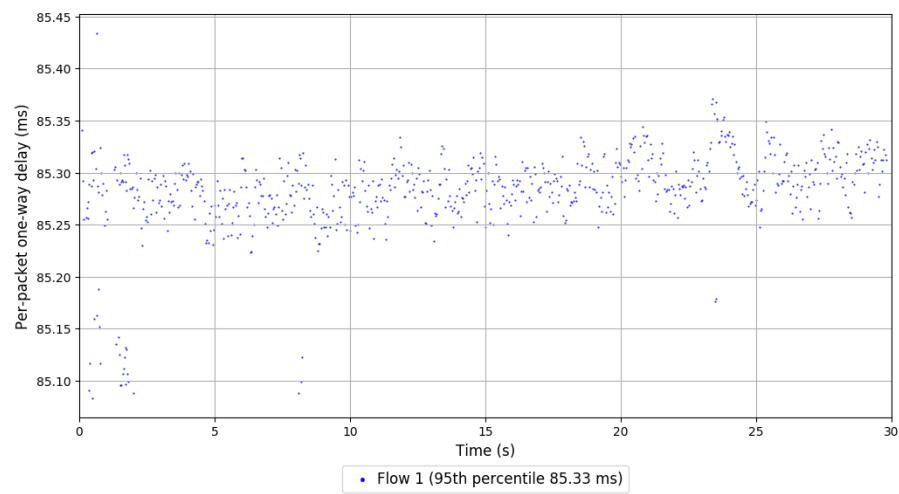
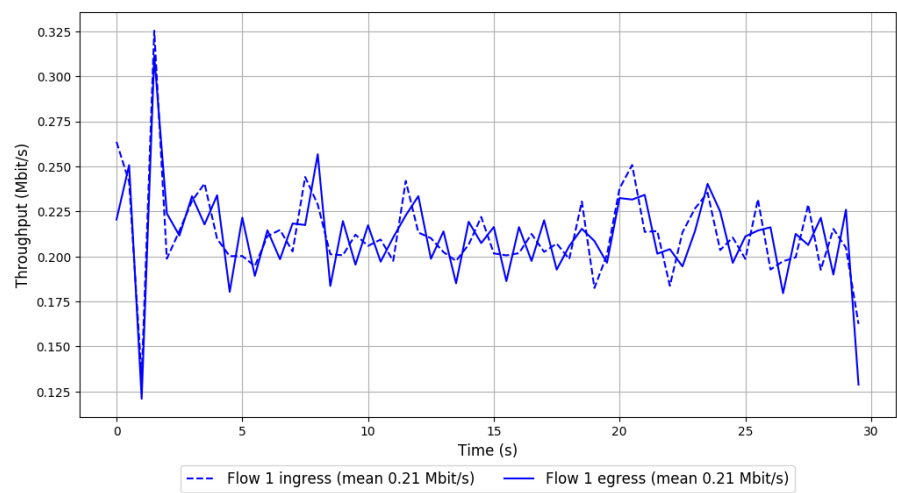
Run 7: Statistics of SCReAM

Start at: 2018-02-04 06:20:38  
End at: 2018-02-04 06:21:08  
Local clock offset: 0.003 ms  
Remote clock offset: -3.239 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 85.330 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 85.330 ms  
Loss rate: 0.51%



Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-04 06:42:48

End at: 2018-02-04 06:43:18

Local clock offset: -0.026 ms

Remote clock offset: 2.02 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.287 ms

Loss rate: 0.51%

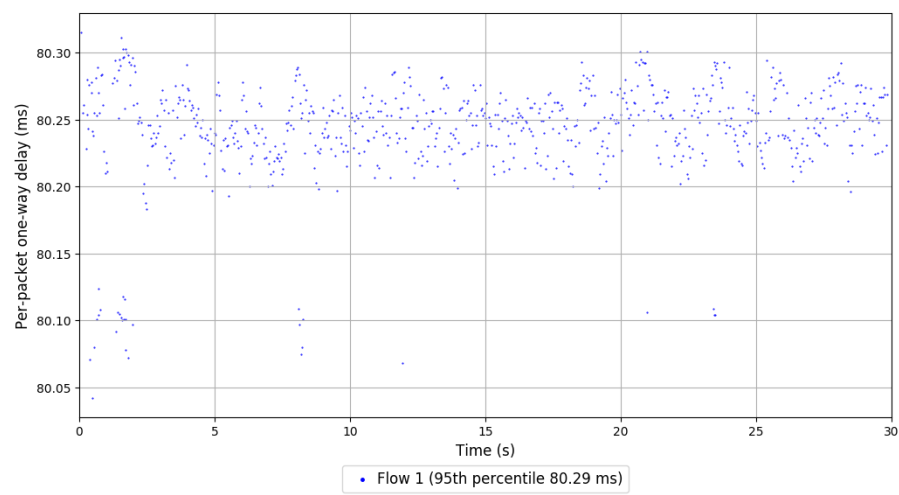
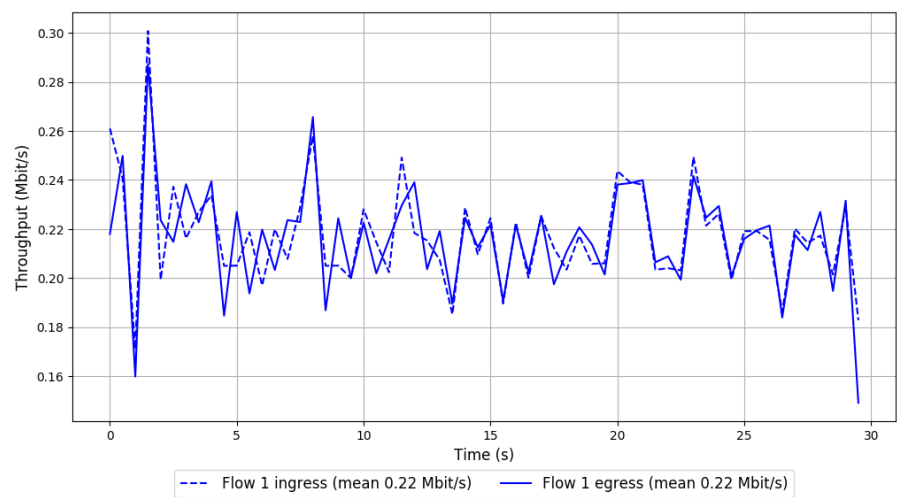
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.287 ms

Loss rate: 0.51%

Run 8: Report of SReAM — Data Link

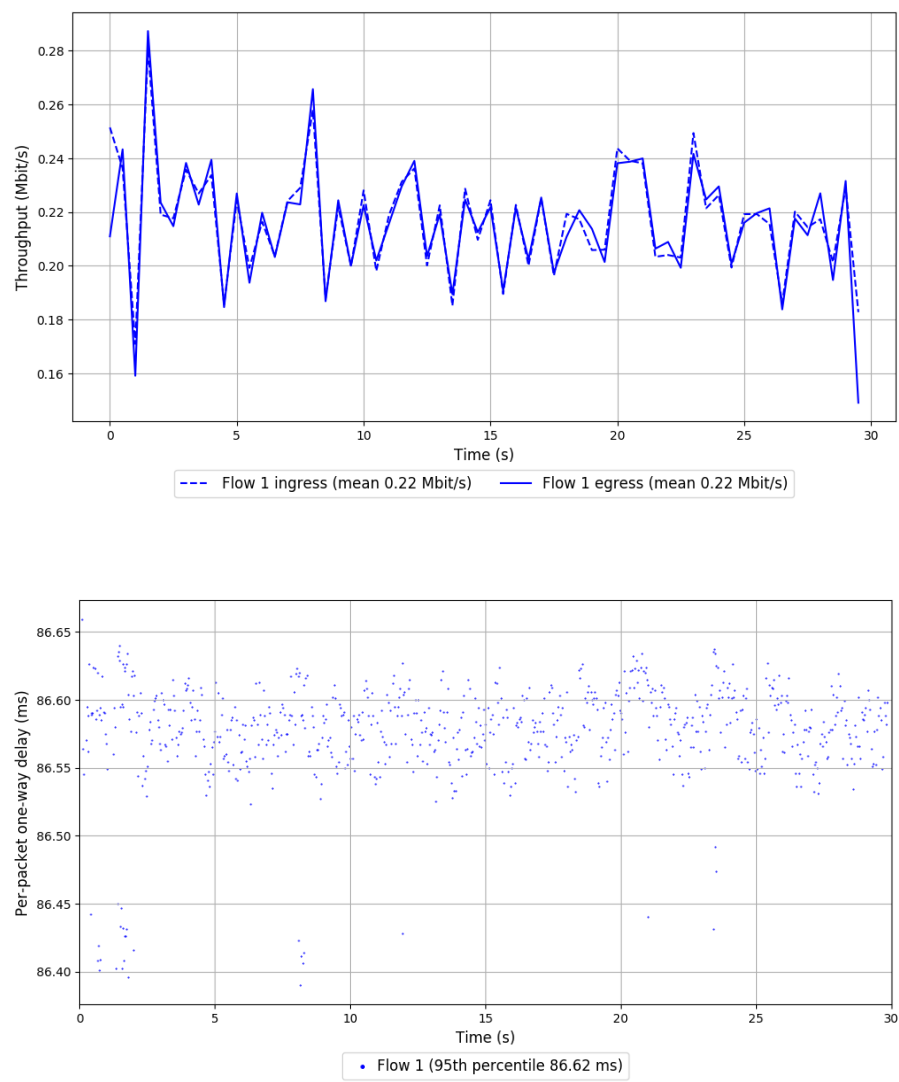


Run 9: Statistics of SReAM

Start at: 2018-02-04 07:04:57  
End at: 2018-02-04 07:05:27  
Local clock offset: -0.123 ms  
Remote clock offset: -2.335 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 86.621 ms  
Loss rate: 0.51%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 86.621 ms  
Loss rate: 0.51%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-02-04 07:27:50

End at: 2018-02-04 07:28:20

Local clock offset: -0.109 ms

Remote clock offset: 4.293 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.013 ms

Loss rate: 0.64%

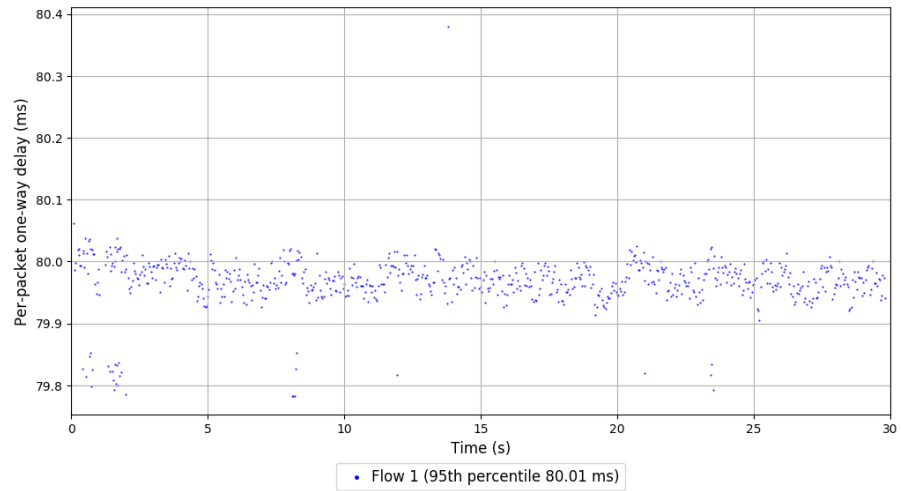
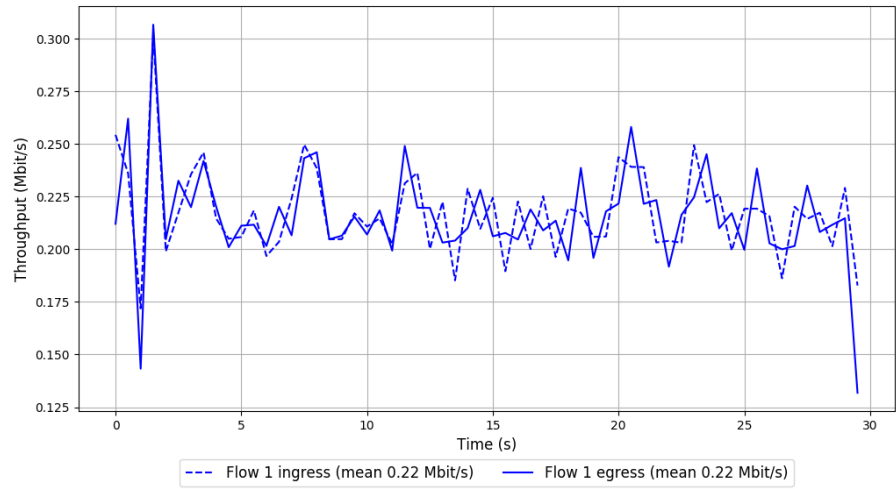
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 80.013 ms

Loss rate: 0.64%

# Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-02-04 04:20:04

End at: 2018-02-04 04:20:34

Local clock offset: -0.355 ms

Remote clock offset: 0.185 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 81.815 ms

Loss rate: 0.61%

-- Flow 1:

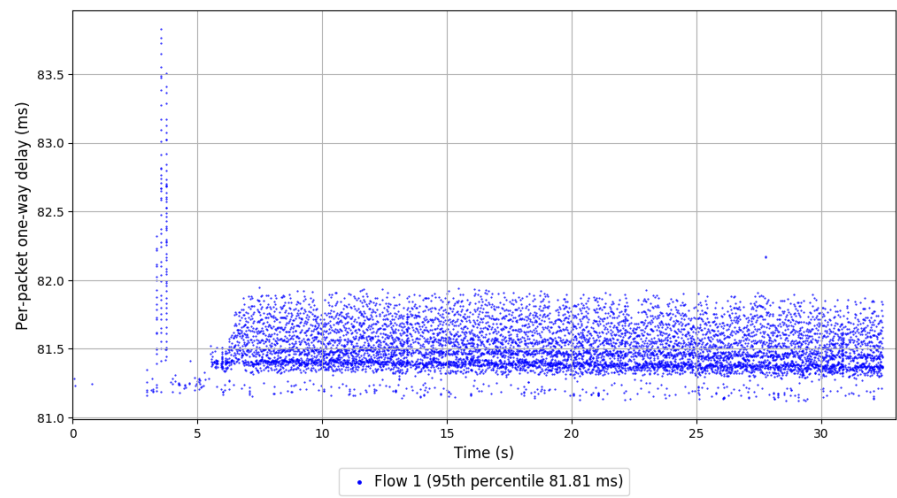
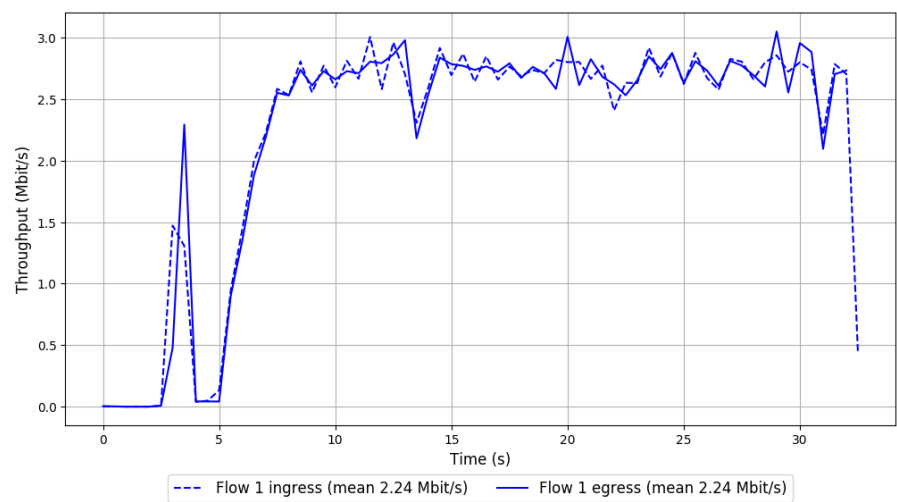
Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 81.815 ms

Loss rate: 0.61%



Run 1: Report of WebRTC media — Data Link

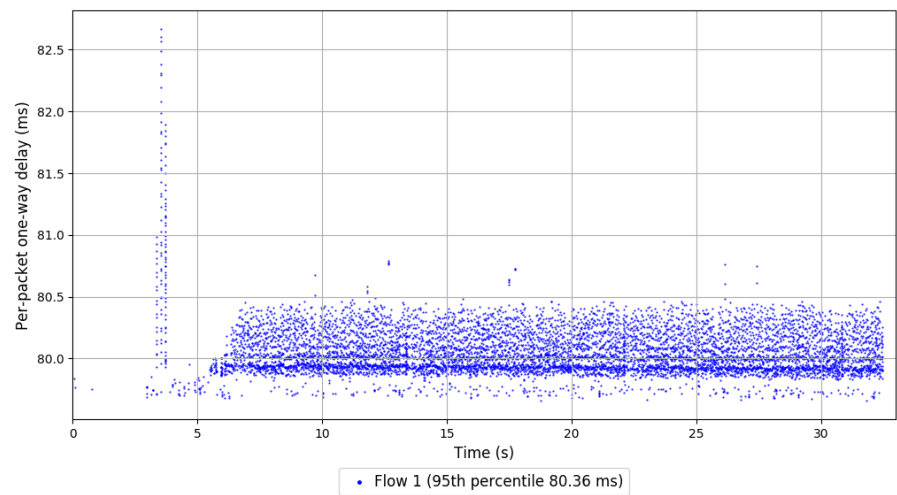
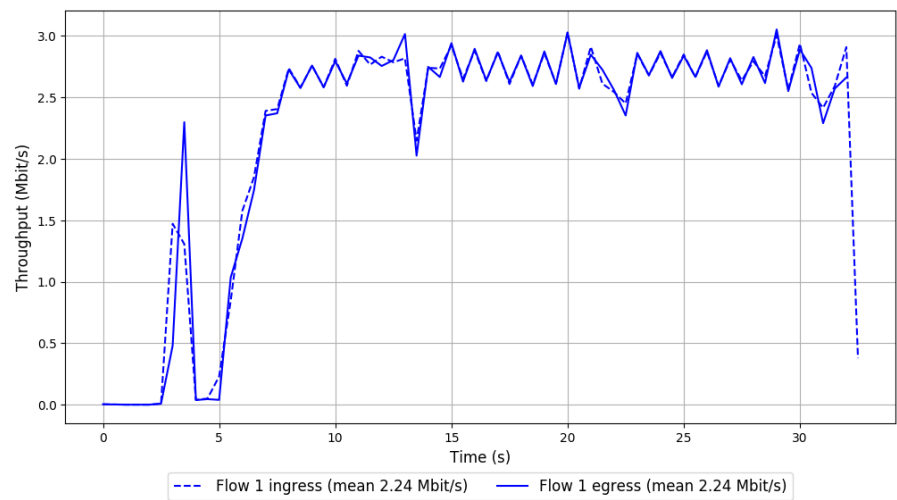


Run 2: Statistics of WebRTC media

Start at: 2018-02-04 04:42:17  
End at: 2018-02-04 04:42:47  
Local clock offset: -0.33 ms  
Remote clock offset: -1.029 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 80.362 ms  
Loss rate: 0.73%  
-- Flow 1:  
Average throughput: 2.24 Mbit/s  
95th percentile per-packet one-way delay: 80.362 ms  
Loss rate: 0.73%

Run 2: Report of WebRTC media — Data Link

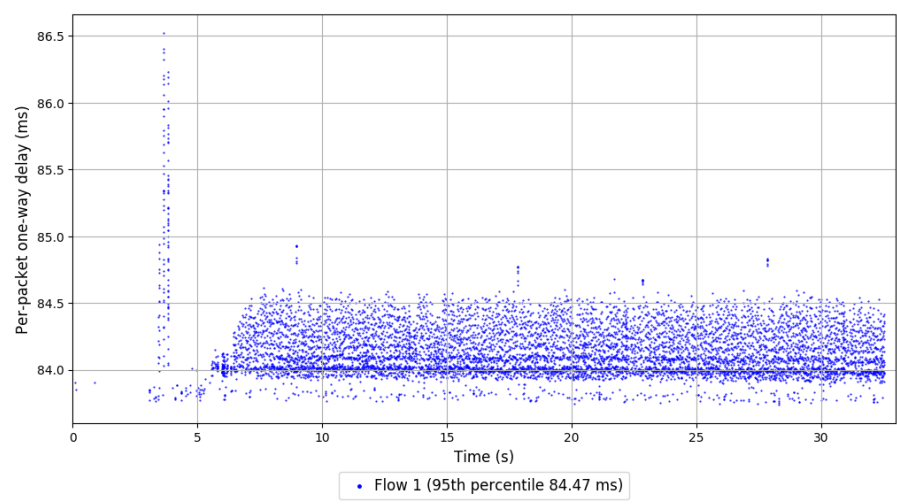
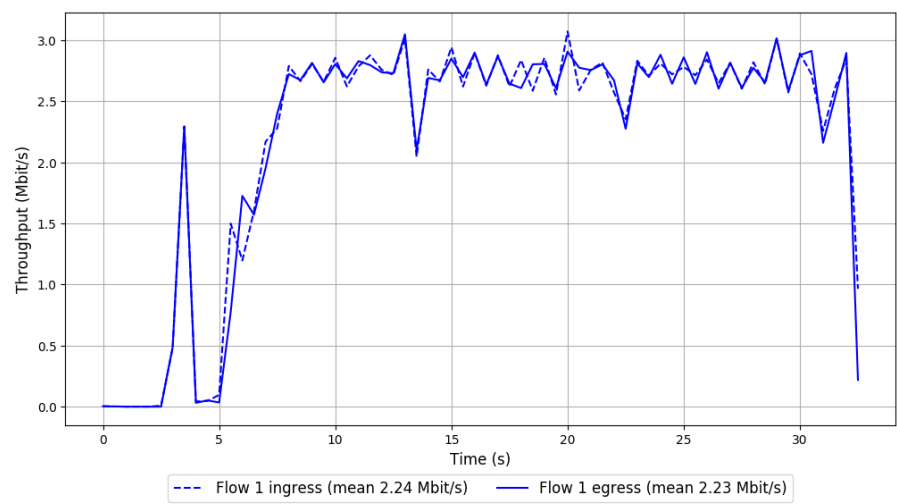


Run 3: Statistics of WebRTC media

Start at: 2018-02-04 05:04:25  
End at: 2018-02-04 05:04:55  
Local clock offset: -0.299 ms  
Remote clock offset: -8.171 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 84.475 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 84.475 ms  
Loss rate: 0.78%

Run 3: Report of WebRTC media — Data Link

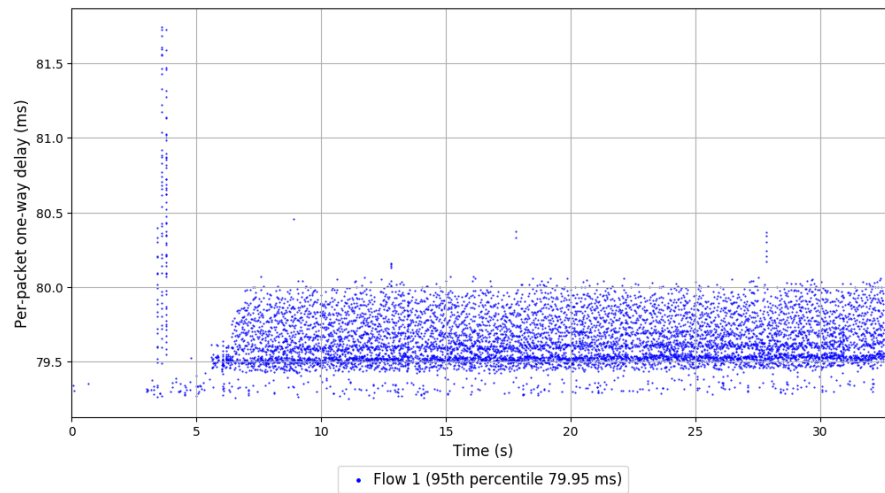
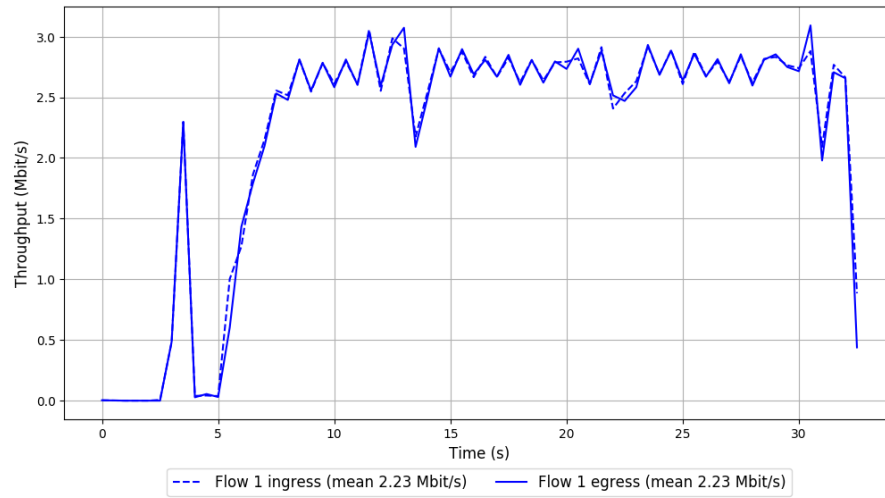


Run 4: Statistics of WebRTC media

Start at: 2018-02-04 05:26:33  
End at: 2018-02-04 05:27:03  
Local clock offset: -0.228 ms  
Remote clock offset: -1.259 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 79.953 ms  
Loss rate: 0.61%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 79.953 ms  
Loss rate: 0.61%

#### Run 4: Report of WebRTC media — Data Link



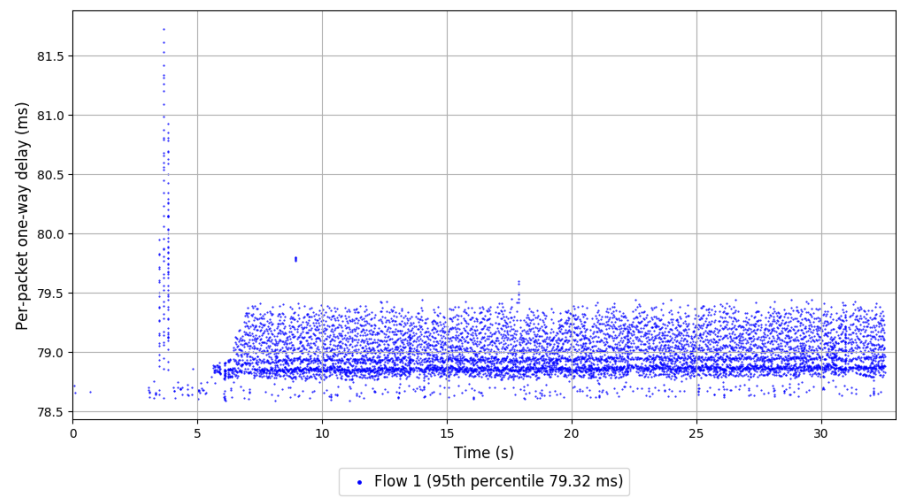
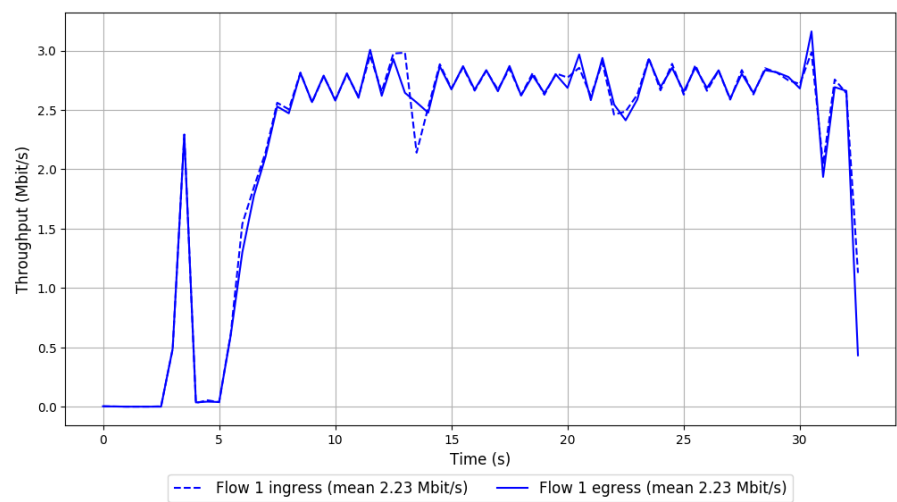
Run 5: Statistics of WebRTC media

Start at: 2018-02-04 05:48:41  
End at: 2018-02-04 05:49:11  
Local clock offset: -0.1 ms  
Remote clock offset: -0.026 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 79.317 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 79.317 ms  
Loss rate: 0.77%



Run 5: Report of WebRTC media — Data Link

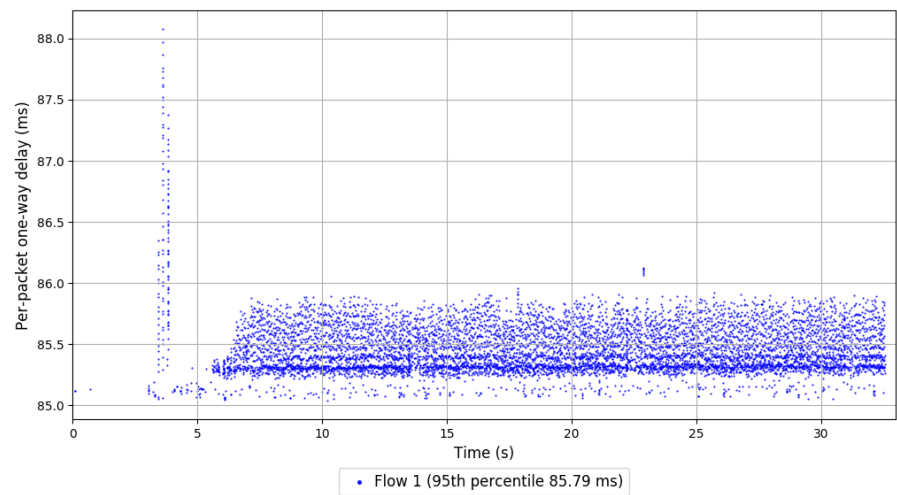
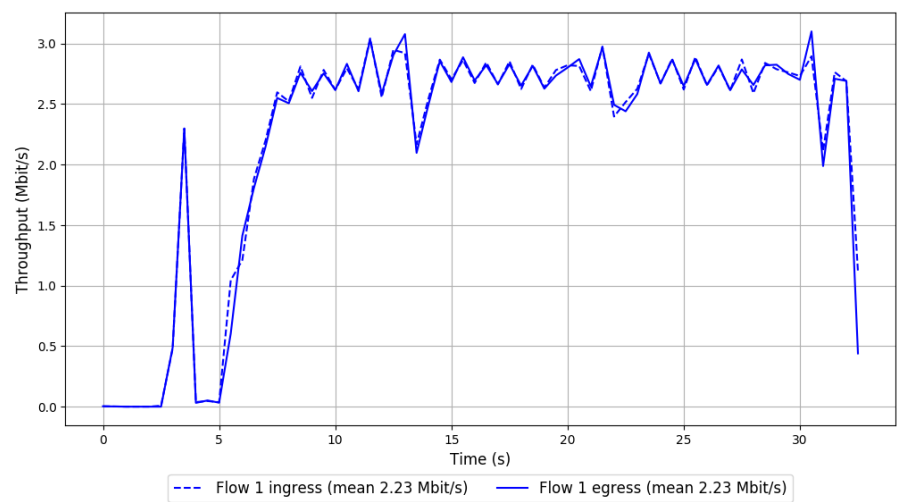


Run 6: Statistics of WebRTC media

Start at: 2018-02-04 06:10:49  
End at: 2018-02-04 06:11:19  
Local clock offset: 0.004 ms  
Remote clock offset: -3.842 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 85.787 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 85.787 ms  
Loss rate: 0.76%

Run 6: Report of WebRTC media — Data Link

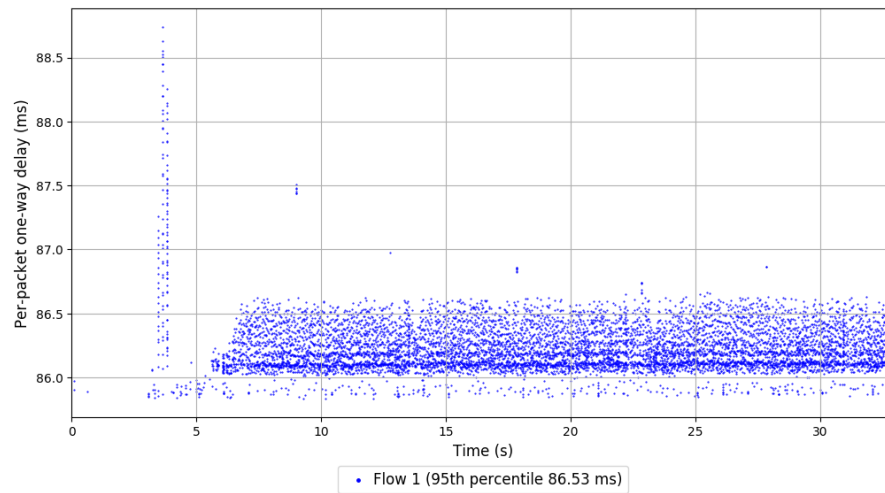
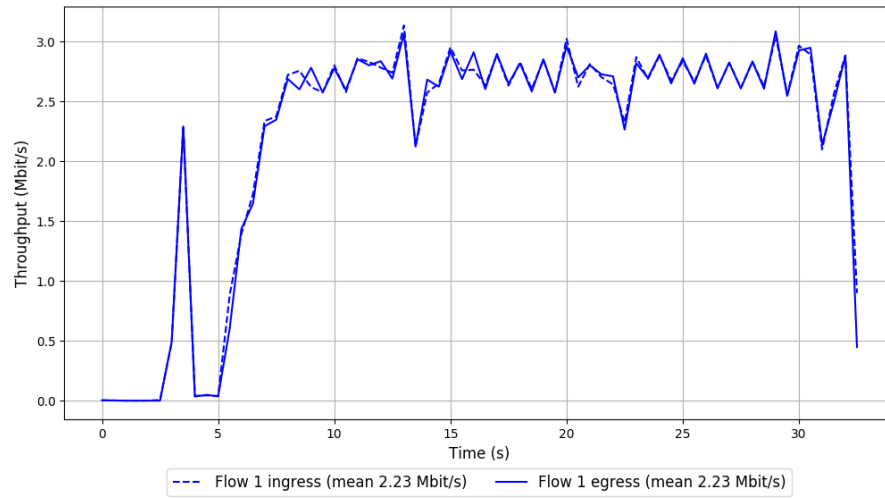


Run 7: Statistics of WebRTC media

Start at: 2018-02-04 06:33:00  
End at: 2018-02-04 06:33:30  
Local clock offset: -0.023 ms  
Remote clock offset: -3.107 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 86.532 ms  
Loss rate: 0.62%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 86.532 ms  
Loss rate: 0.62%

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

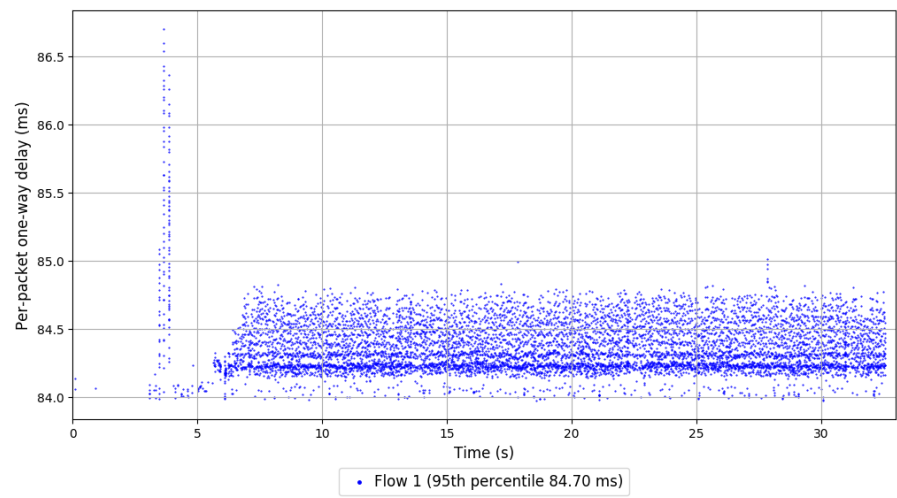
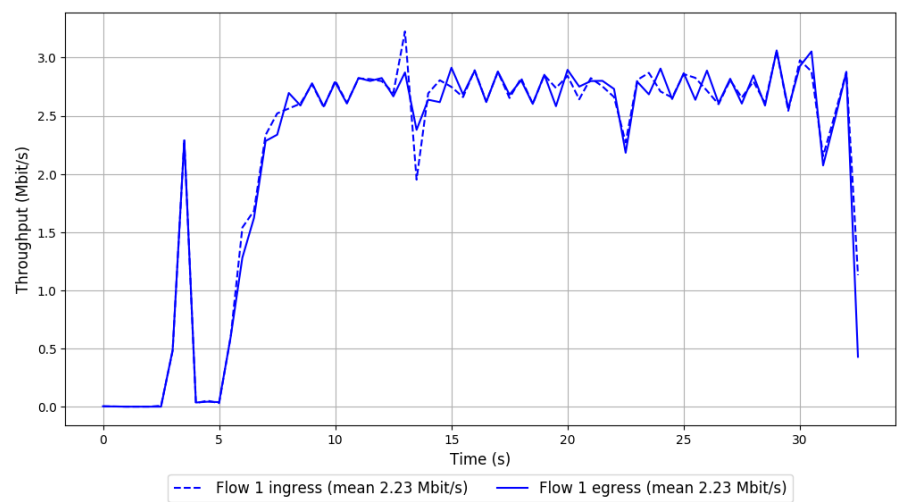


Run 8: Statistics of WebRTC media

Start at: 2018-02-04 06:55:08  
End at: 2018-02-04 06:55:38  
Local clock offset: -0.042 ms  
Remote clock offset: -1.557 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 84.697 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 2.23 Mbit/s  
95th percentile per-packet one-way delay: 84.697 ms  
Loss rate: 0.78%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-02-04 07:17:19

End at: 2018-02-04 07:17:49

Local clock offset: -0.063 ms

Remote clock offset: 4.639 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 78.352 ms

Loss rate: 0.77%

-- Flow 1:

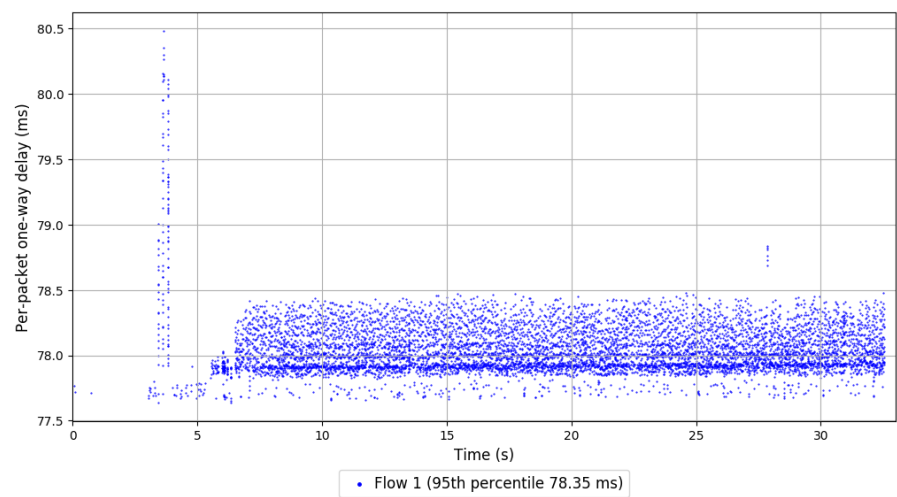
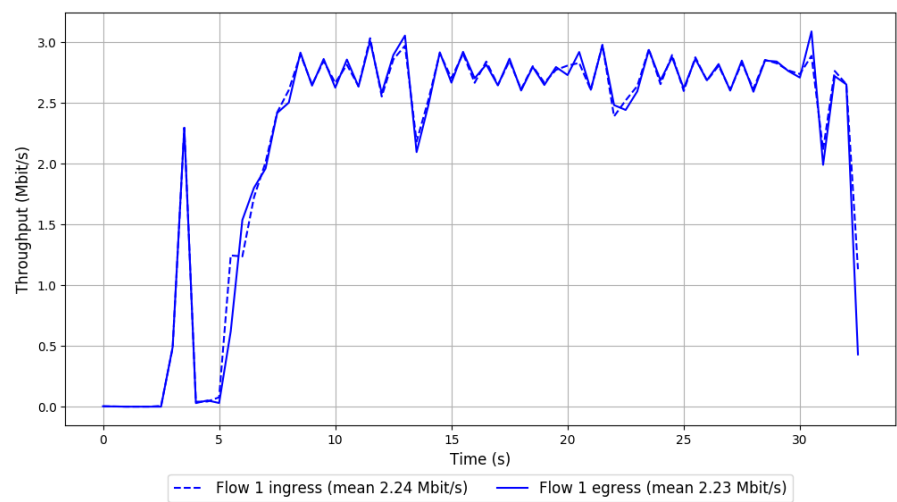
Average throughput: 2.23 Mbit/s

95th percentile per-packet one-way delay: 78.352 ms

Loss rate: 0.77%



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-04 07:41:18

End at: 2018-02-04 07:41:48

Local clock offset: -0.092 ms

Remote clock offset: 3.972 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 79.057 ms

Loss rate: 0.69%

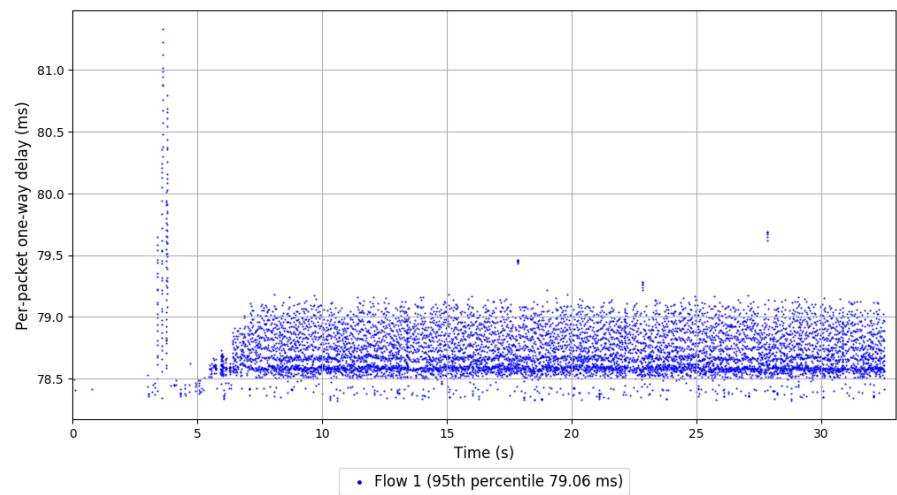
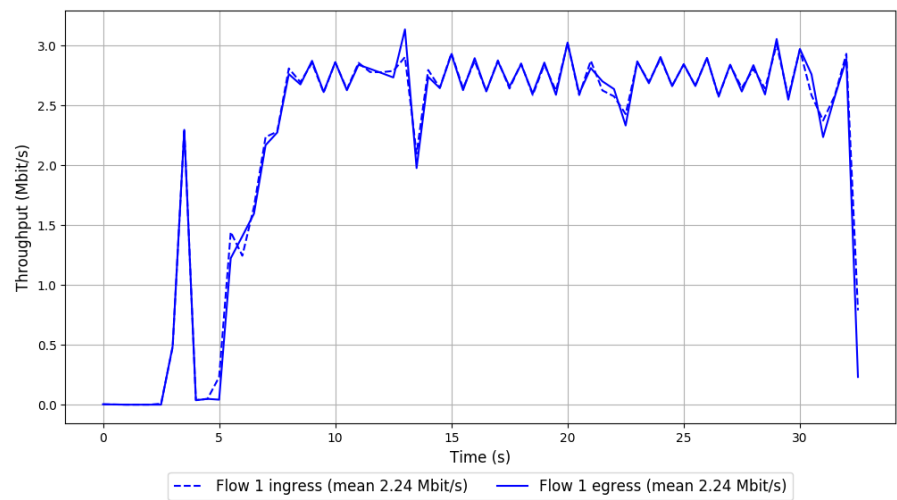
-- Flow 1:

Average throughput: 2.24 Mbit/s

95th percentile per-packet one-way delay: 79.057 ms

Loss rate: 0.69%

Run 10: Report of WebRTC media — Data Link

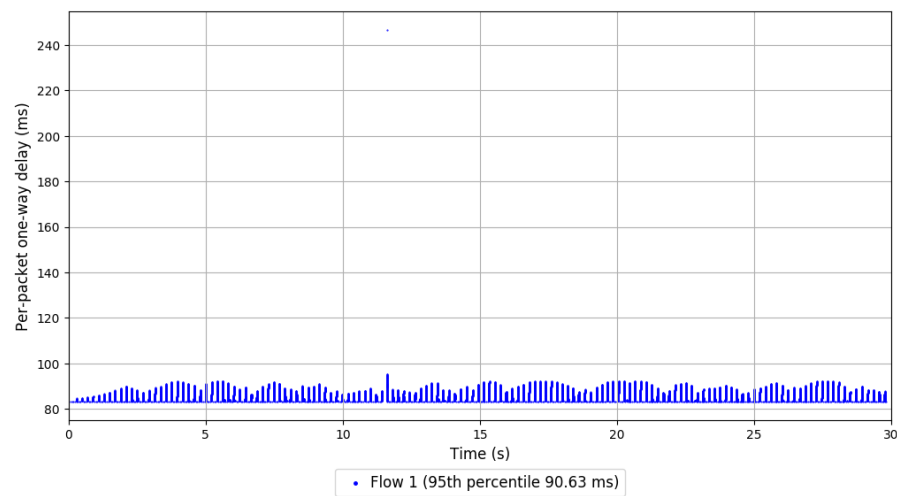
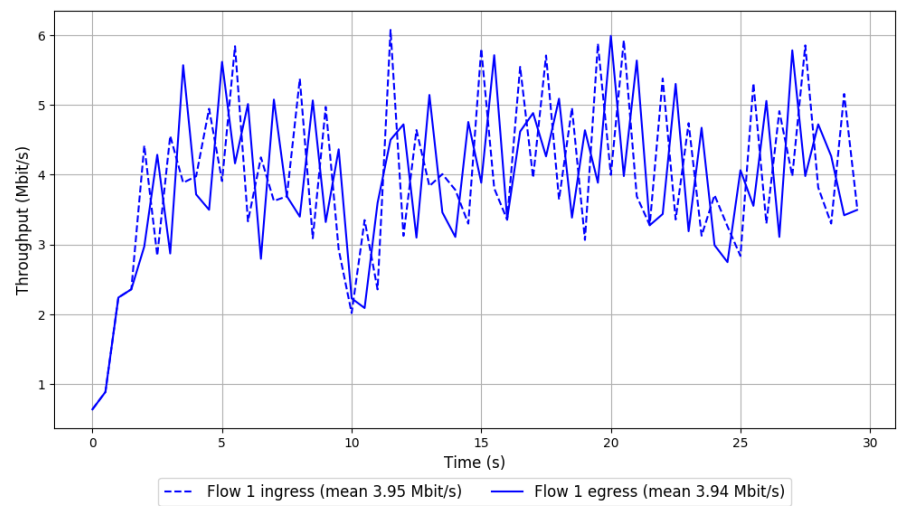


Run 1: Statistics of Sprout

Start at: 2018-02-04 04:21:14  
End at: 2018-02-04 04:21:44  
Local clock offset: -0.318 ms  
Remote clock offset: -4.737 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.94 Mbit/s  
95th percentile per-packet one-way delay: 90.633 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 3.94 Mbit/s  
95th percentile per-packet one-way delay: 90.633 ms  
Loss rate: 0.75%

Run 1: Report of Sprout — Data Link

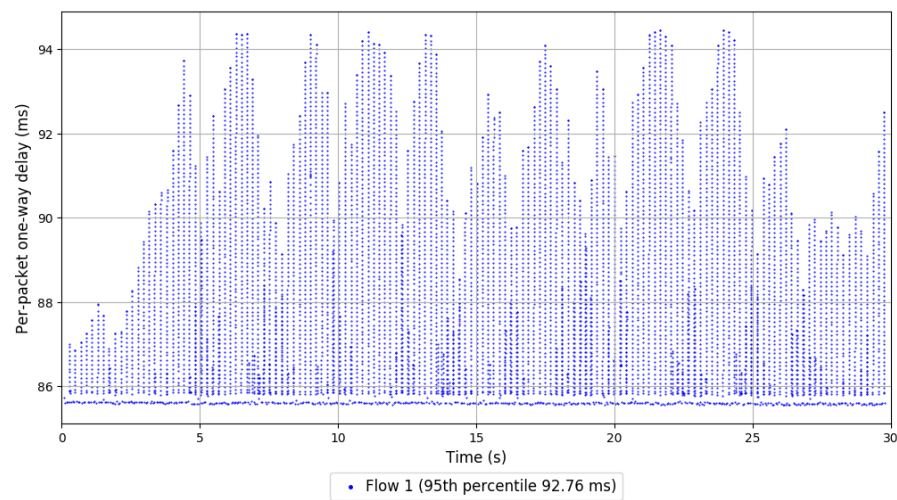
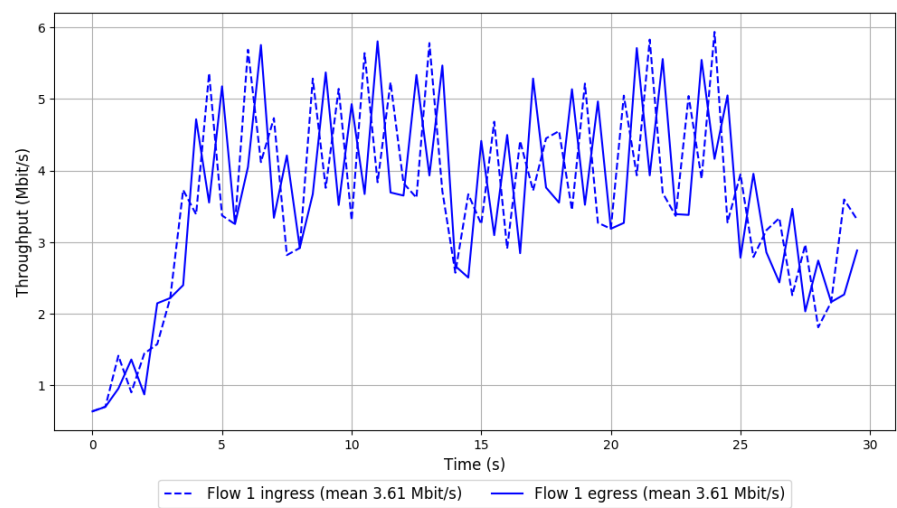


Run 2: Statistics of Sprout

Start at: 2018-02-04 04:43:27  
End at: 2018-02-04 04:43:57  
Local clock offset: -0.375 ms  
Remote clock offset: -6.795 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.61 Mbit/s  
95th percentile per-packet one-way delay: 92.761 ms  
Loss rate: 0.82%  
-- Flow 1:  
Average throughput: 3.61 Mbit/s  
95th percentile per-packet one-way delay: 92.761 ms  
Loss rate: 0.82%

Run 2: Report of Sprout — Data Link



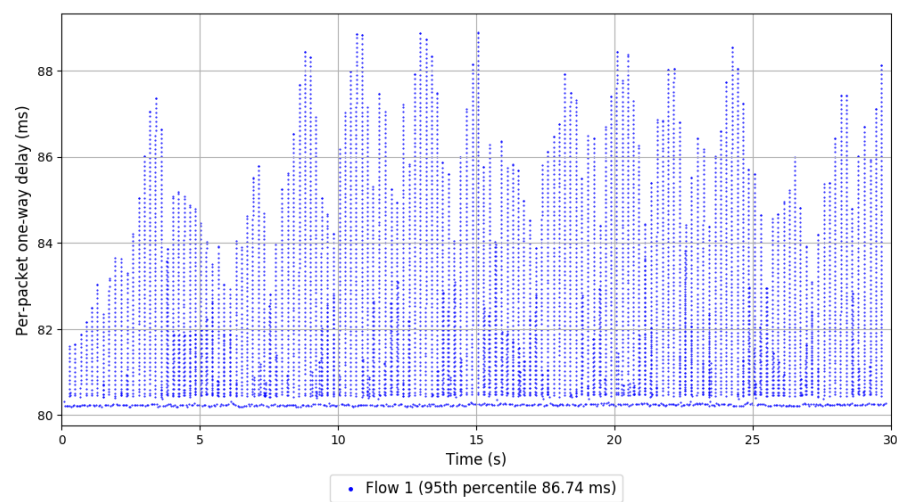
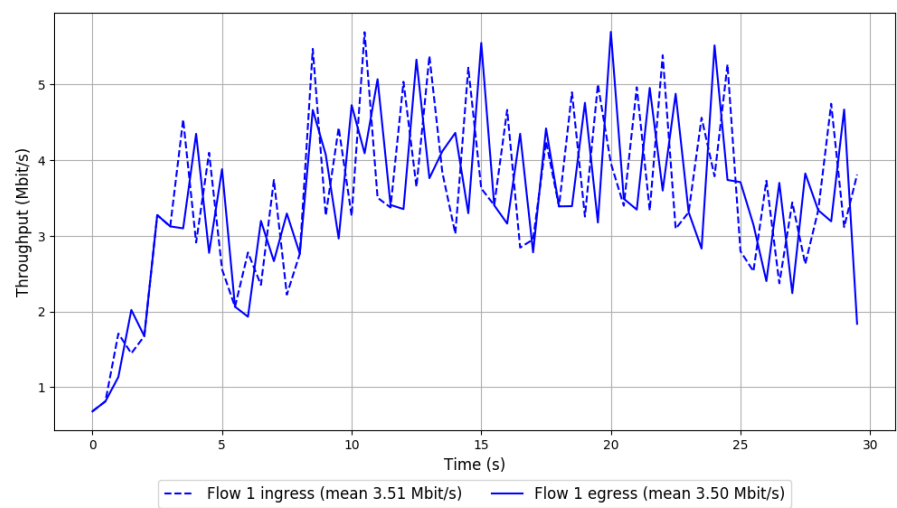
Run 3: Statistics of Sprout

Start at: 2018-02-04 05:05:35  
End at: 2018-02-04 05:06:05  
Local clock offset: -0.235 ms  
Remote clock offset: -2.426 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.50 Mbit/s  
95th percentile per-packet one-way delay: 86.740 ms  
Loss rate: 0.94%  
-- Flow 1:  
Average throughput: 3.50 Mbit/s  
95th percentile per-packet one-way delay: 86.740 ms  
Loss rate: 0.94%



Run 3: Report of Sprout — Data Link

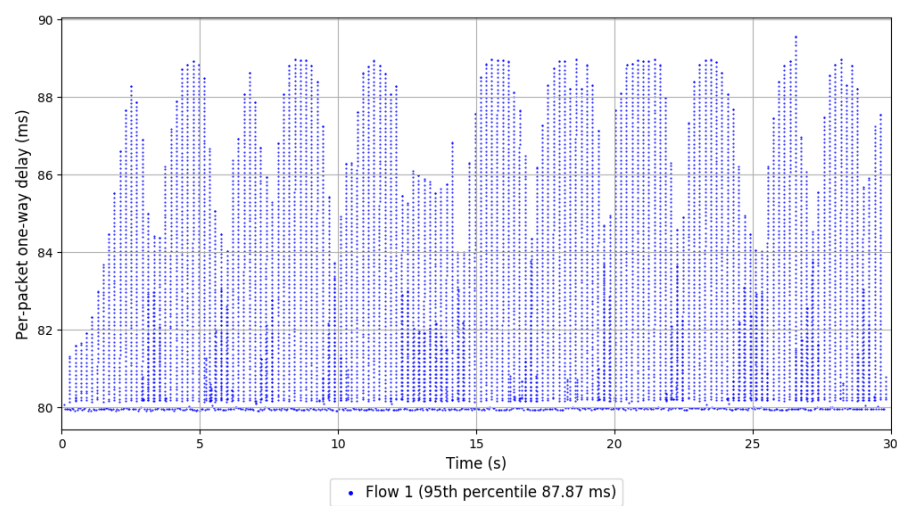
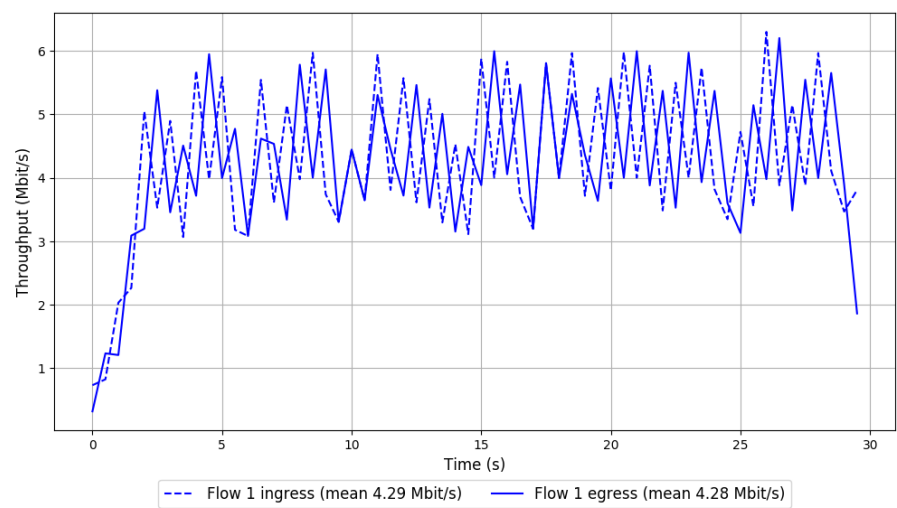


Run 4: Statistics of Sprout

Start at: 2018-02-04 05:27:44  
End at: 2018-02-04 05:28:14  
Local clock offset: -0.174 ms  
Remote clock offset: -1.275 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.28 Mbit/s  
95th percentile per-packet one-way delay: 87.874 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 4.28 Mbit/s  
95th percentile per-packet one-way delay: 87.874 ms  
Loss rate: 0.76%

Run 4: Report of Sprout — Data Link

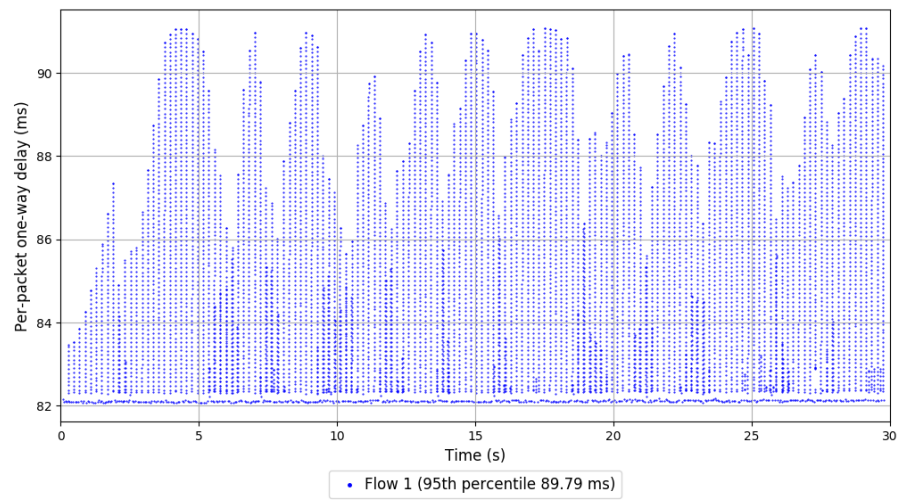
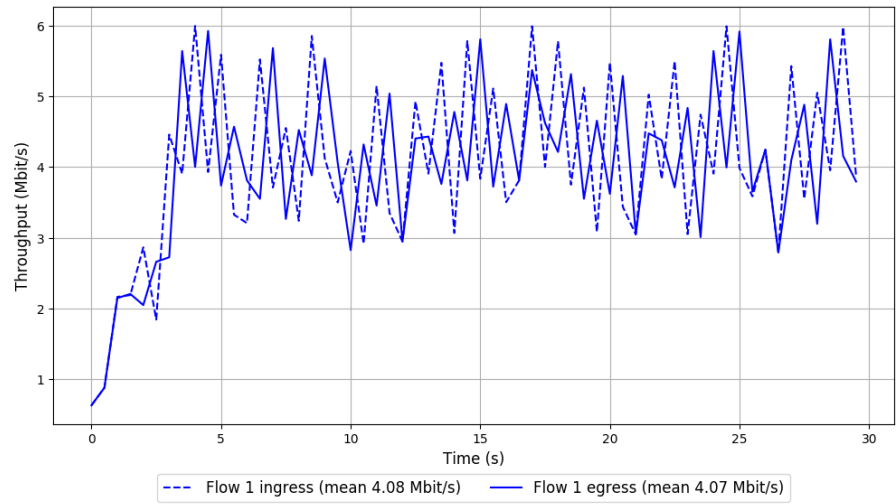


Run 5: Statistics of Sprout

Start at: 2018-02-04 05:49:52  
End at: 2018-02-04 05:50:22  
Local clock offset: -0.09 ms  
Remote clock offset: -0.709 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.07 Mbit/s  
95th percentile per-packet one-way delay: 89.787 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 4.07 Mbit/s  
95th percentile per-packet one-way delay: 89.787 ms  
Loss rate: 0.78%

# Run 5: Report of Sprout — Data Link

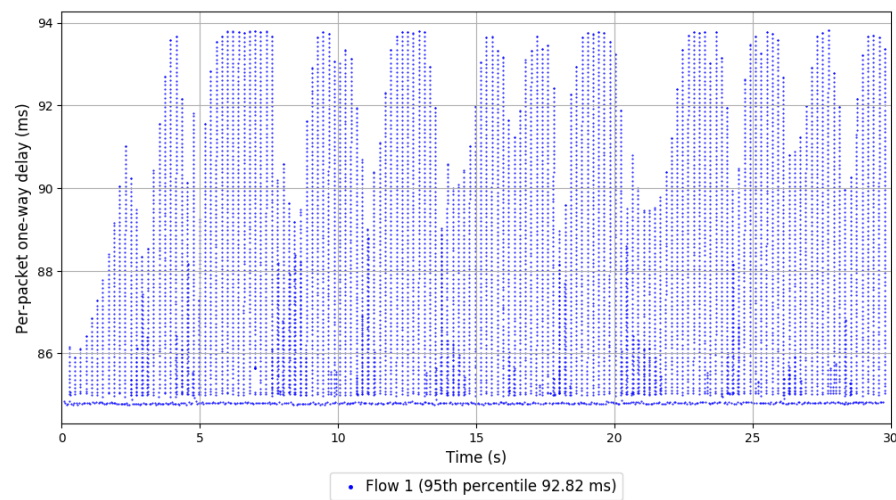
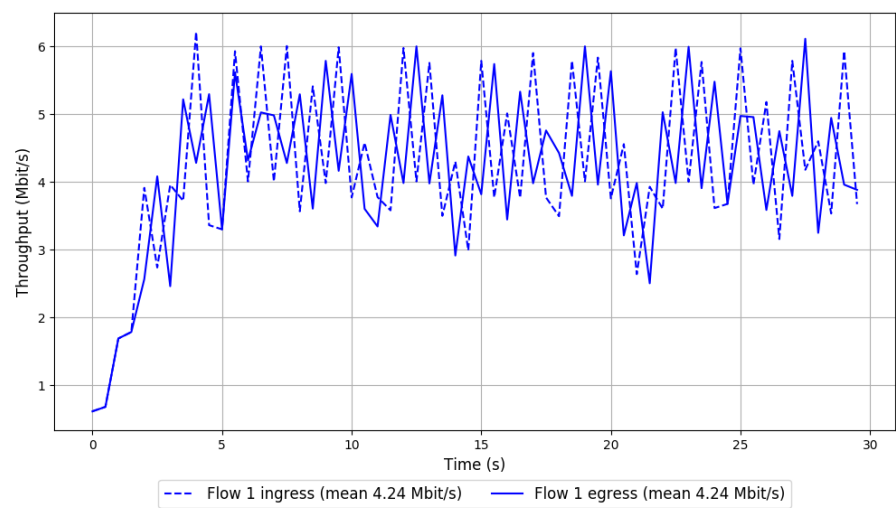


Run 6: Statistics of Sprout

Start at: 2018-02-04 06:11:59  
End at: 2018-02-04 06:12:29  
Local clock offset: -0.008 ms  
Remote clock offset: -4.549 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.24 Mbit/s  
95th percentile per-packet one-way delay: 92.823 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 4.24 Mbit/s  
95th percentile per-packet one-way delay: 92.823 ms  
Loss rate: 0.70%

Run 6: Report of Sprout — Data Link



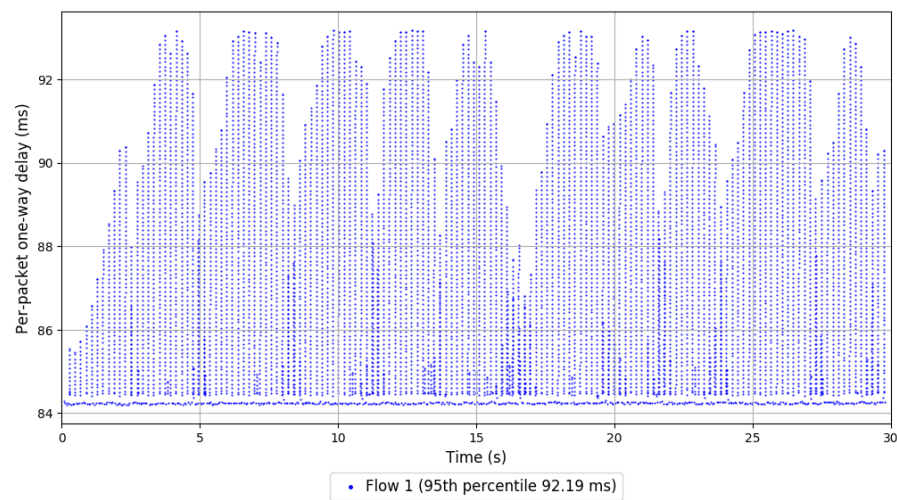
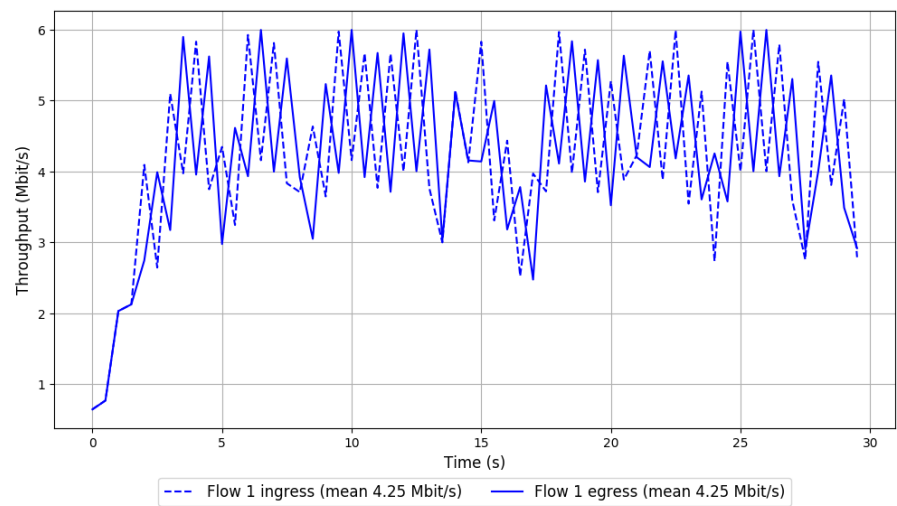
Run 7: Statistics of Sprout

Start at: 2018-02-04 06:34:11  
End at: 2018-02-04 06:34:41  
Local clock offset: -0.026 ms  
Remote clock offset: -3.068 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.25 Mbit/s  
95th percentile per-packet one-way delay: 92.193 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 4.25 Mbit/s  
95th percentile per-packet one-way delay: 92.193 ms  
Loss rate: 0.55%



Run 7: Report of Sprout — Data Link

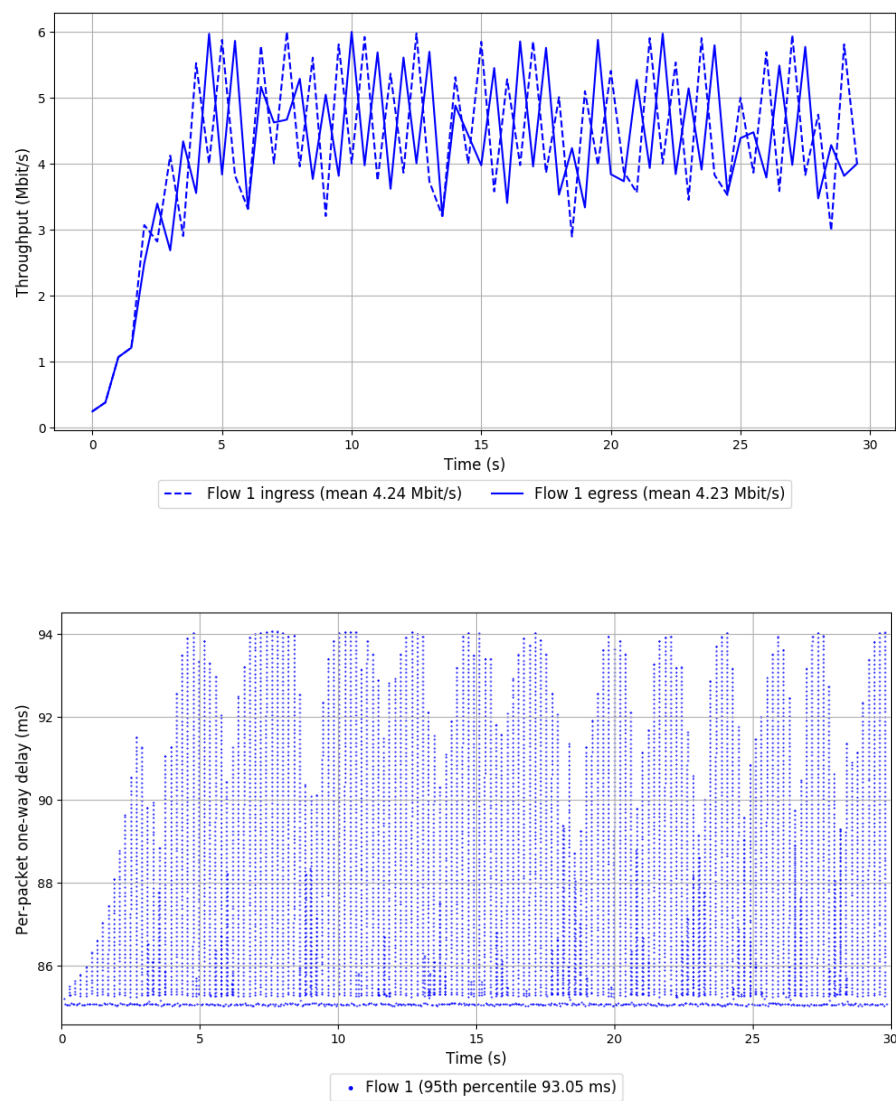


Run 8: Statistics of Sprout

Start at: 2018-02-04 06:56:18  
End at: 2018-02-04 06:56:48  
Local clock offset: -0.051 ms  
Remote clock offset: -1.542 ms

# Below is generated by plot.py at 2018-02-04 11:38:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.23 Mbit/s  
95th percentile per-packet one-way delay: 93.053 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 4.23 Mbit/s  
95th percentile per-packet one-way delay: 93.053 ms  
Loss rate: 0.79%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-02-04 07:18:29

End at: 2018-02-04 07:18:59

Local clock offset: -0.123 ms

Remote clock offset: 3.877 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.35 Mbit/s

95th percentile per-packet one-way delay: 89.064 ms

Loss rate: 0.67%

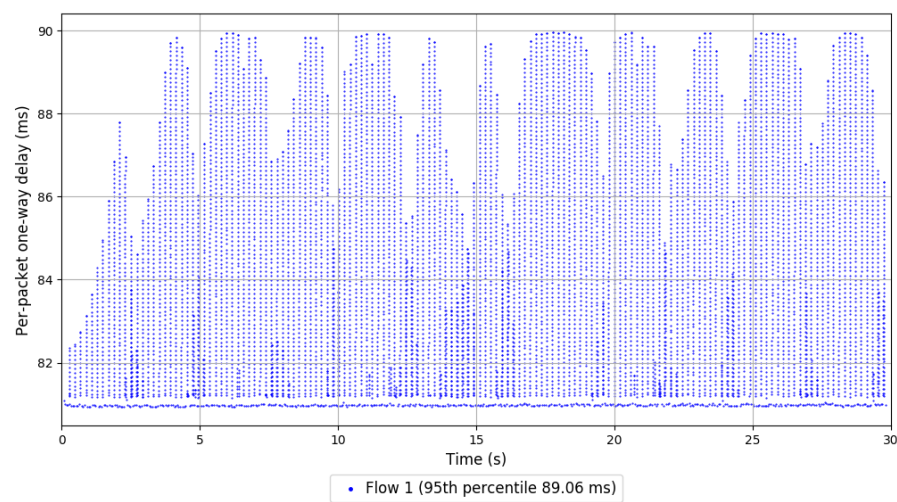
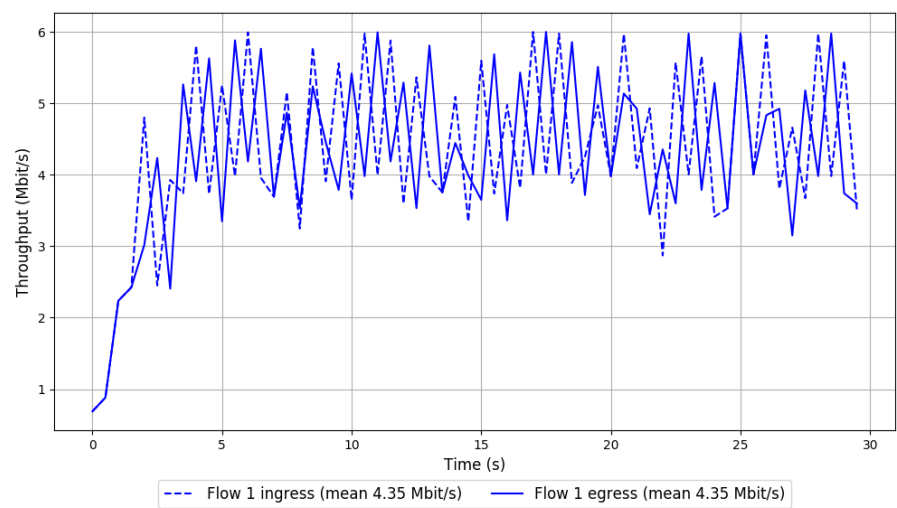
-- Flow 1:

Average throughput: 4.35 Mbit/s

95th percentile per-packet one-way delay: 89.064 ms

Loss rate: 0.67%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-04 07:42:28

End at: 2018-02-04 07:42:58

Local clock offset: -0.096 ms

Remote clock offset: 3.951 ms

# Below is generated by plot.py at 2018-02-04 11:38:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 3.86 Mbit/s

95th percentile per-packet one-way delay: 85.334 ms

Loss rate: 0.54%

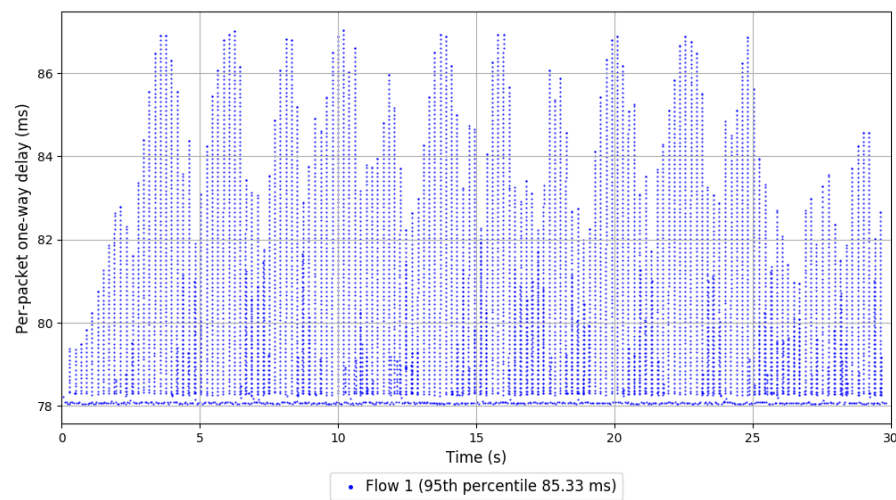
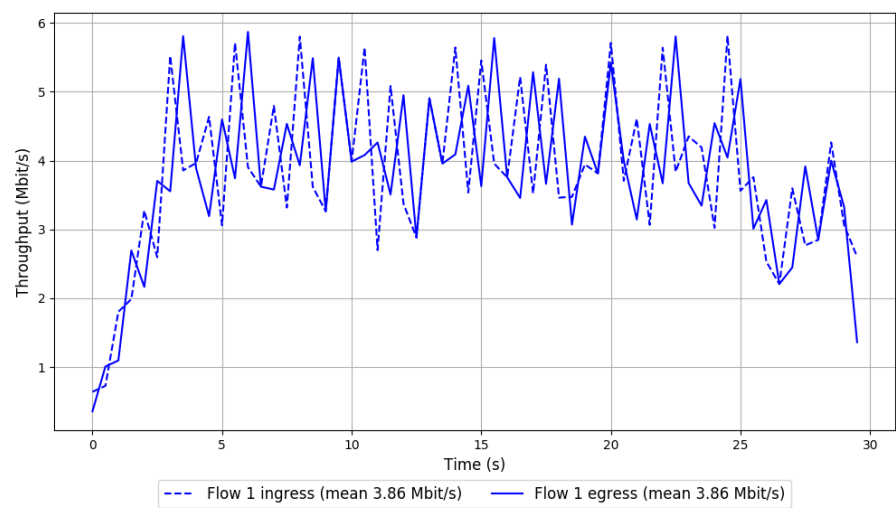
-- Flow 1:

Average throughput: 3.86 Mbit/s

95th percentile per-packet one-way delay: 85.334 ms

Loss rate: 0.54%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-04 04:08:52

End at: 2018-02-04 04:09:22

Local clock offset: -0.409 ms

Remote clock offset: -4.297 ms

# Below is generated by plot.py at 2018-02-04 11:39:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.27 Mbit/s

95th percentile per-packet one-way delay: 94.148 ms

Loss rate: 0.65%

-- Flow 1:

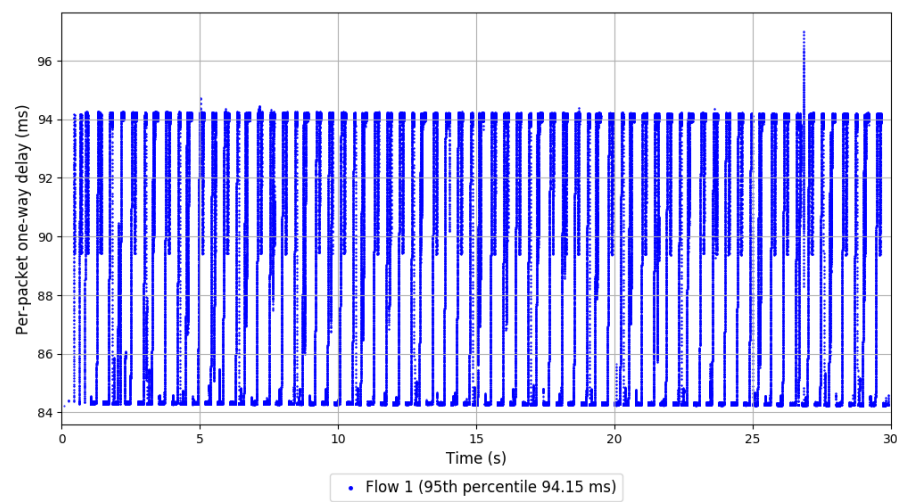
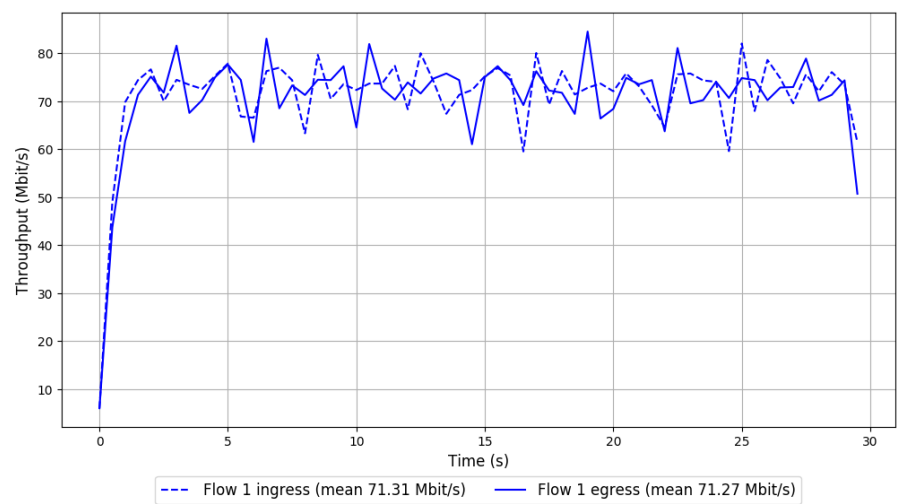
Average throughput: 71.27 Mbit/s

95th percentile per-packet one-way delay: 94.148 ms

Loss rate: 0.65%



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

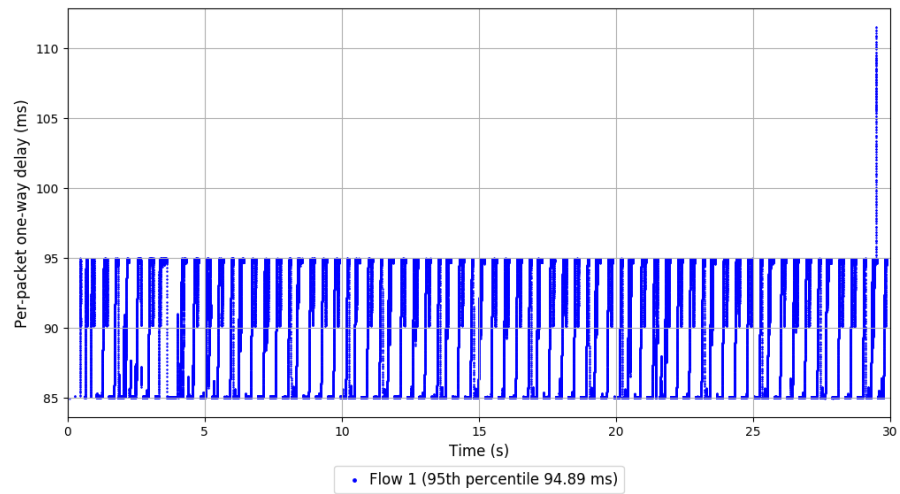
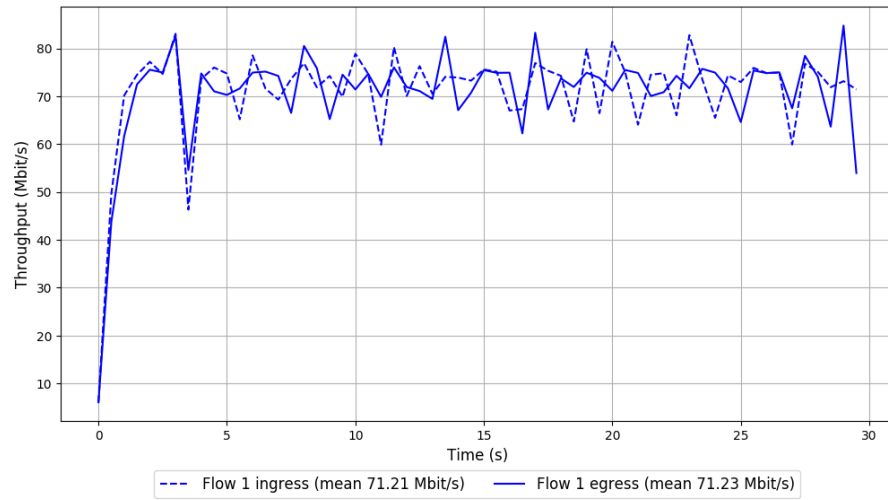


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-04 04:31:01  
End at: 2018-02-04 04:31:31  
Local clock offset: -0.3 ms  
Remote clock offset: -5.021 ms

# Below is generated by plot.py at 2018-02-04 11:39:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.23 Mbit/s  
95th percentile per-packet one-way delay: 94.892 ms  
Loss rate: 0.56%  
-- Flow 1:  
Average throughput: 71.23 Mbit/s  
95th percentile per-packet one-way delay: 94.892 ms  
Loss rate: 0.56%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-04 04:53:14

End at: 2018-02-04 04:53:44

Local clock offset: -0.26 ms

Remote clock offset: -7.45 ms

# Below is generated by plot.py at 2018-02-04 11:39:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 69.98 Mbit/s

95th percentile per-packet one-way delay: 94.241 ms

Loss rate: 0.62%

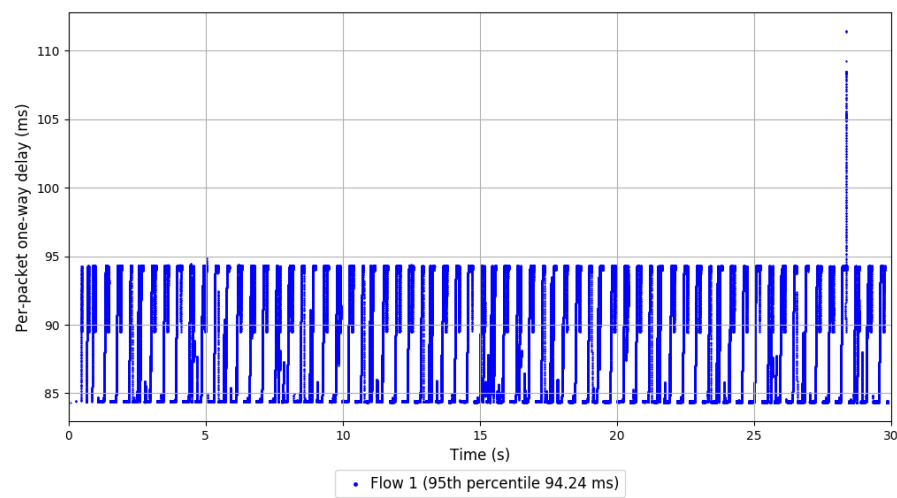
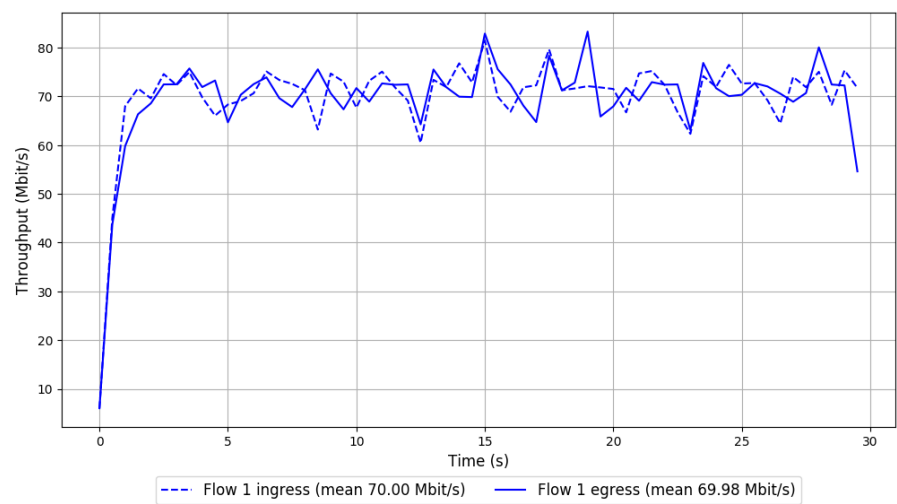
-- Flow 1:

Average throughput: 69.98 Mbit/s

95th percentile per-packet one-way delay: 94.241 ms

Loss rate: 0.62%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-04 05:15:22

End at: 2018-02-04 05:15:52

Local clock offset: -0.23 ms

Remote clock offset: -2.735 ms

# Below is generated by plot.py at 2018-02-04 11:39:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 89.458 ms

Loss rate: 0.82%

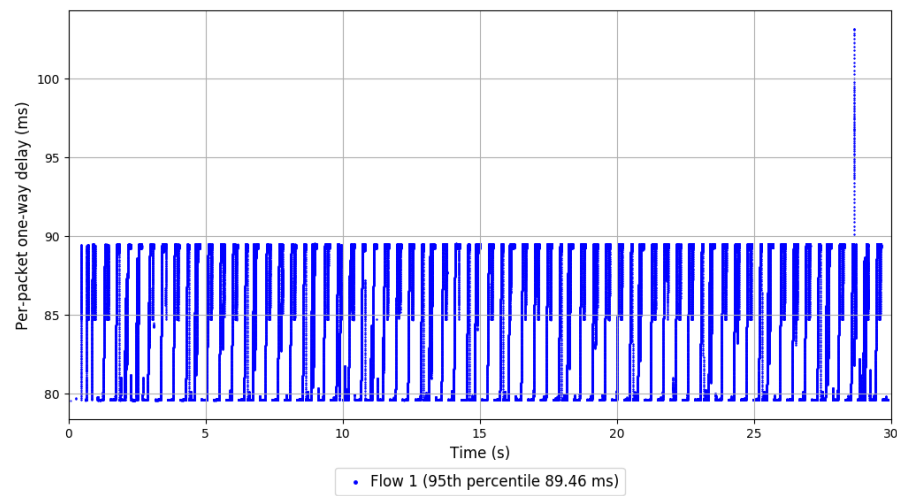
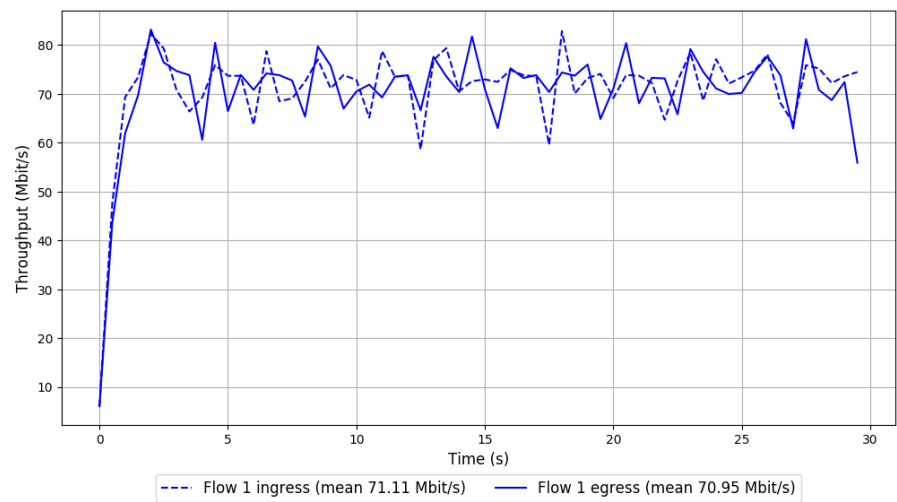
-- Flow 1:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 89.458 ms

Loss rate: 0.82%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-04 05:37:30

End at: 2018-02-04 05:38:00

Local clock offset: -0.202 ms

Remote clock offset: -5.84 ms

# Below is generated by plot.py at 2018-02-04 11:39:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.54 Mbit/s

95th percentile per-packet one-way delay: 93.742 ms

Loss rate: 0.62%

-- Flow 1:

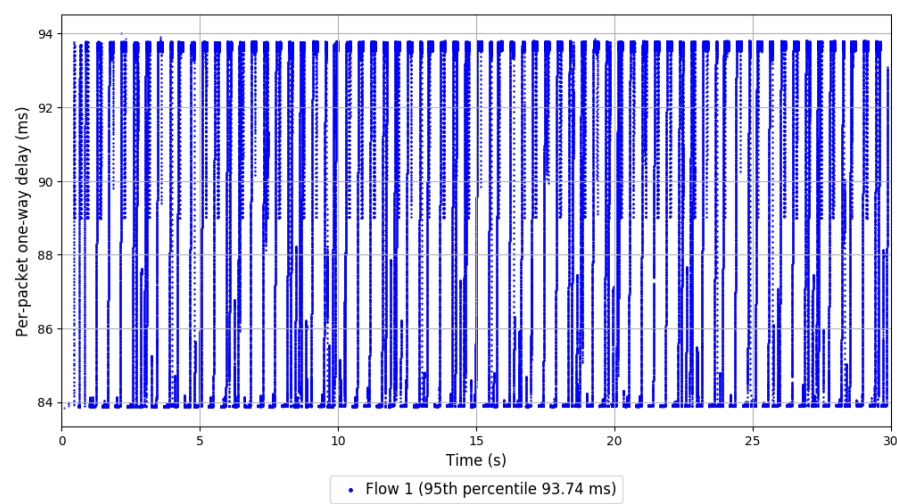
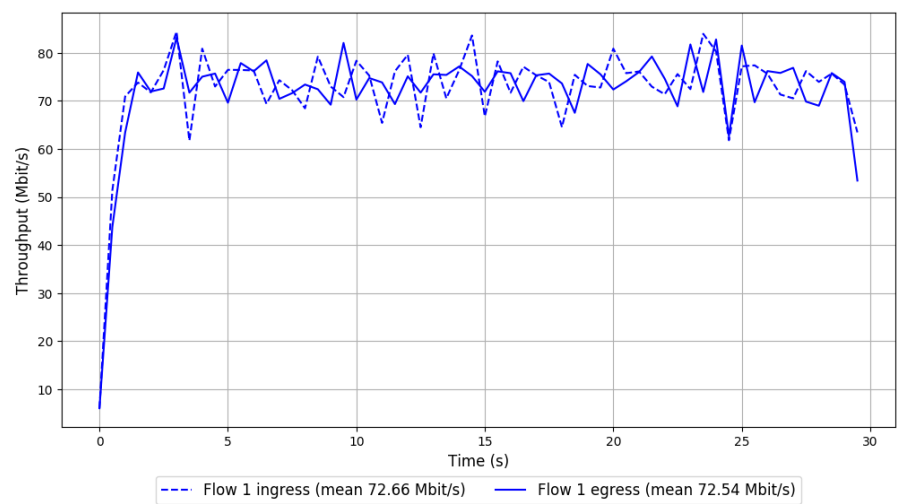
Average throughput: 72.54 Mbit/s

95th percentile per-packet one-way delay: 93.742 ms

Loss rate: 0.62%



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

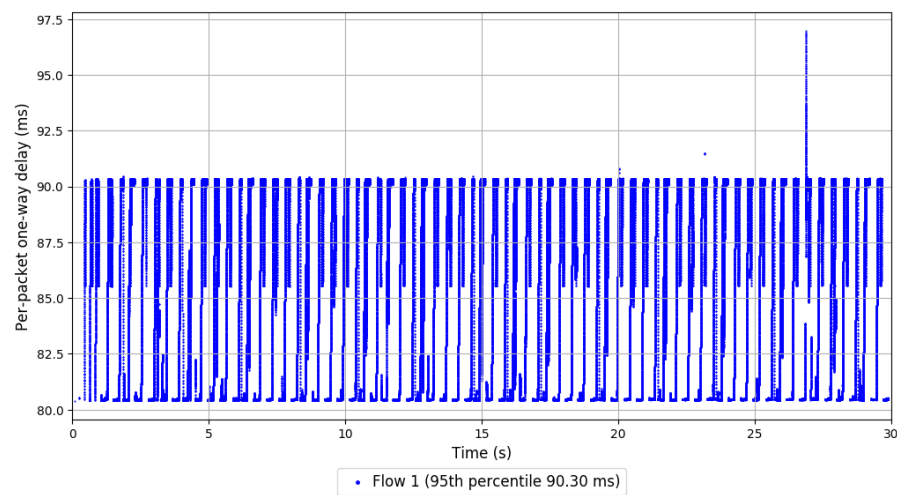
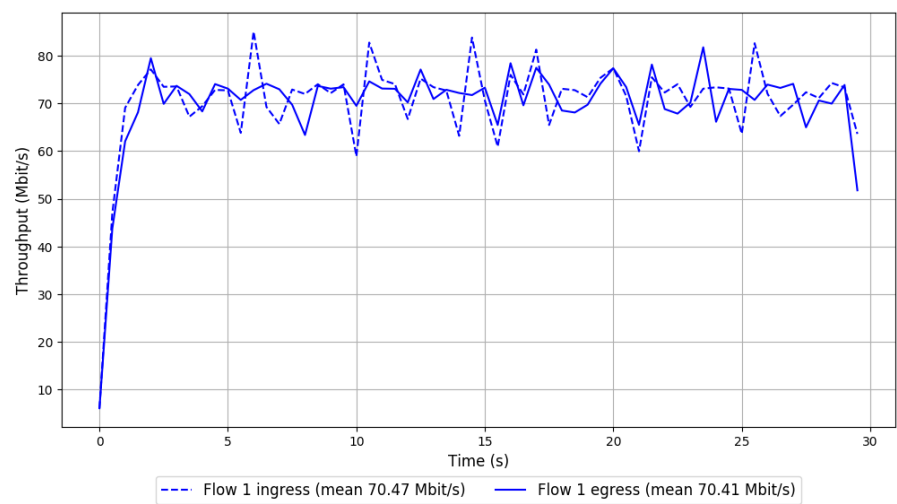


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-04 05:59:38  
End at: 2018-02-04 06:00:08  
Local clock offset: -0.077 ms  
Remote clock offset: -0.304 ms

# Below is generated by plot.py at 2018-02-04 11:39:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.41 Mbit/s  
95th percentile per-packet one-way delay: 90.296 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 70.41 Mbit/s  
95th percentile per-packet one-way delay: 90.296 ms  
Loss rate: 0.68%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-04 06:21:47

End at: 2018-02-04 06:22:17

Local clock offset: 0.0 ms

Remote clock offset: -3.892 ms

# Below is generated by plot.py at 2018-02-04 11:40:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.14 Mbit/s

95th percentile per-packet one-way delay: 95.521 ms

Loss rate: 0.57%

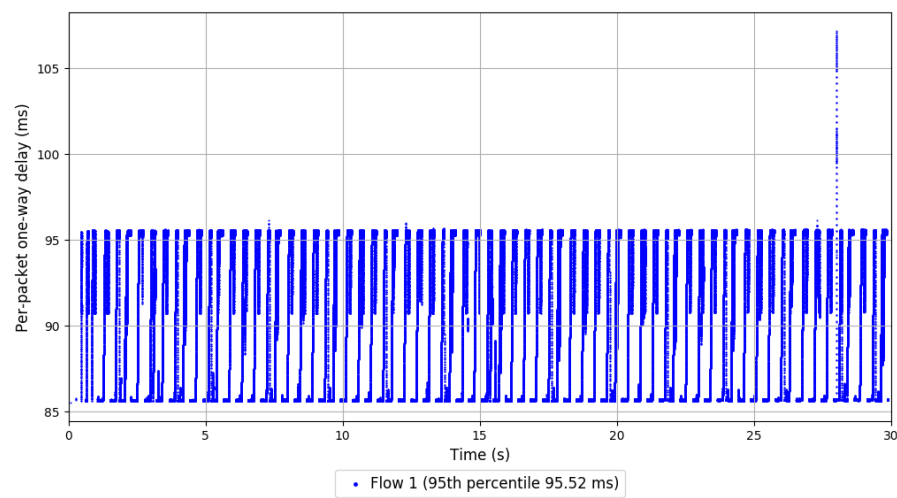
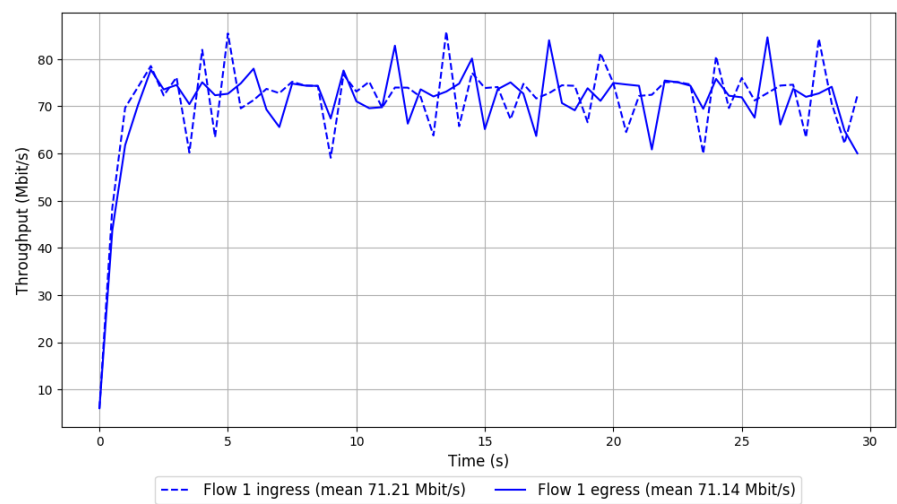
-- Flow 1:

Average throughput: 71.14 Mbit/s

95th percentile per-packet one-way delay: 95.521 ms

Loss rate: 0.57%

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

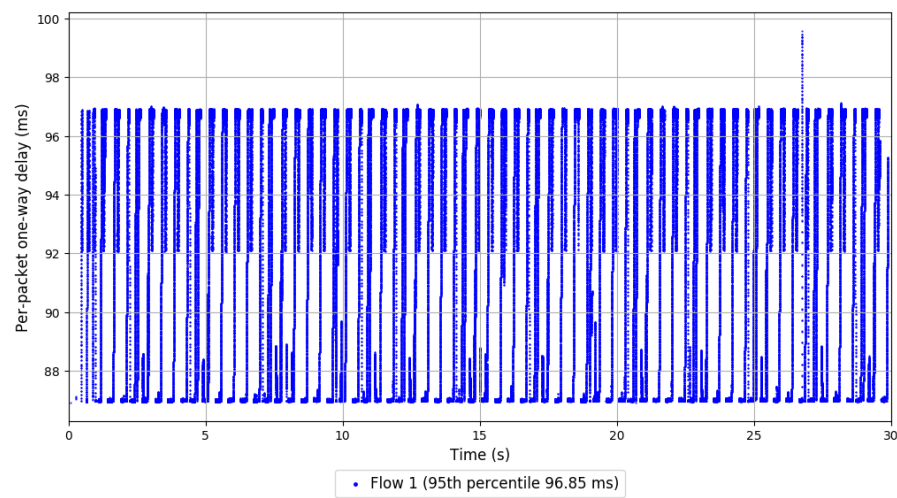
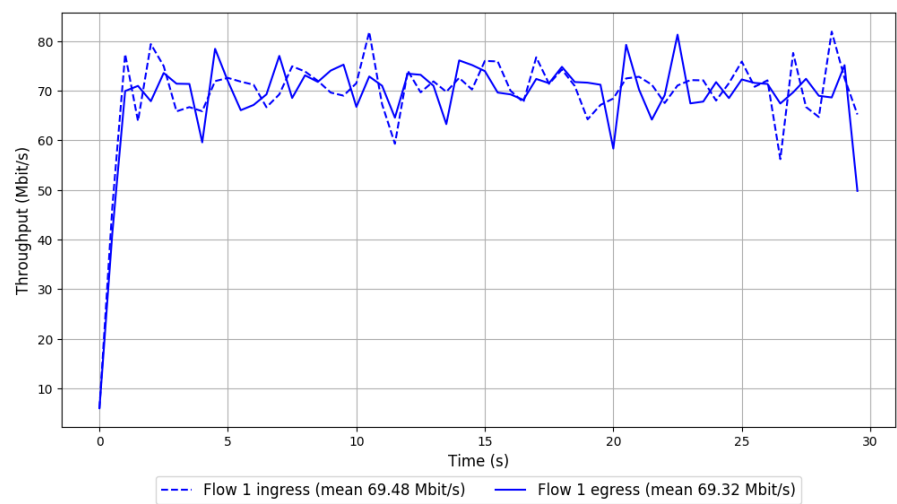


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-04 06:43:57  
End at: 2018-02-04 06:44:27  
Local clock offset: -0.104 ms  
Remote clock offset: -2.677 ms

# Below is generated by plot.py at 2018-02-04 11:40:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.32 Mbit/s  
95th percentile per-packet one-way delay: 96.850 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 69.32 Mbit/s  
95th percentile per-packet one-way delay: 96.850 ms  
Loss rate: 0.75%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-04 07:06:07

End at: 2018-02-04 07:06:37

Local clock offset: -0.014 ms

Remote clock offset: 3.377 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.98 Mbit/s

95th percentile per-packet one-way delay: 90.849 ms

Loss rate: 0.62%

-- Flow 1:

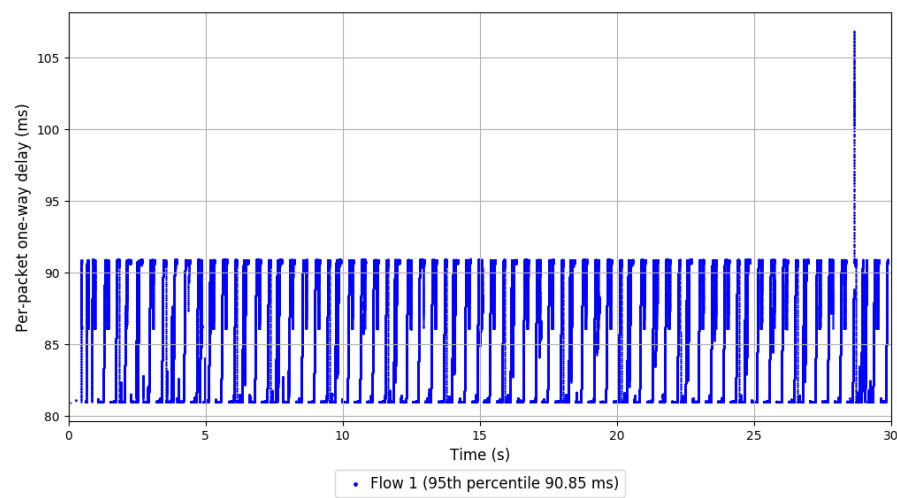
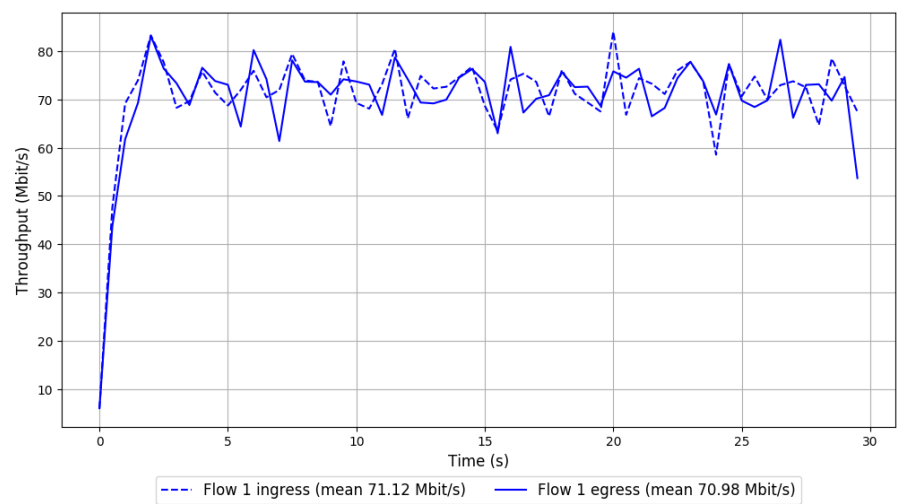
Average throughput: 70.98 Mbit/s

95th percentile per-packet one-way delay: 90.849 ms

Loss rate: 0.62%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-04 07:29:18

End at: 2018-02-04 07:29:48

Local clock offset: -0.062 ms

Remote clock offset: -0.592 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.15 Mbit/s

95th percentile per-packet one-way delay: 95.912 ms

Loss rate: 0.58%

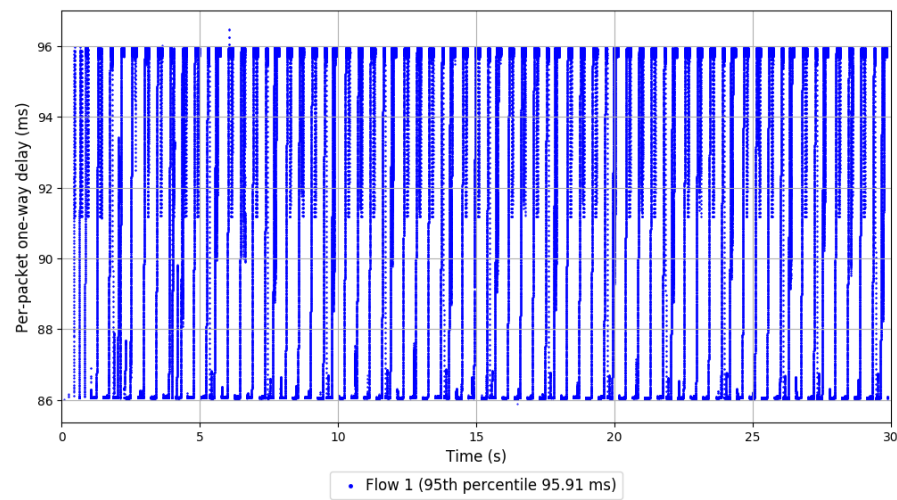
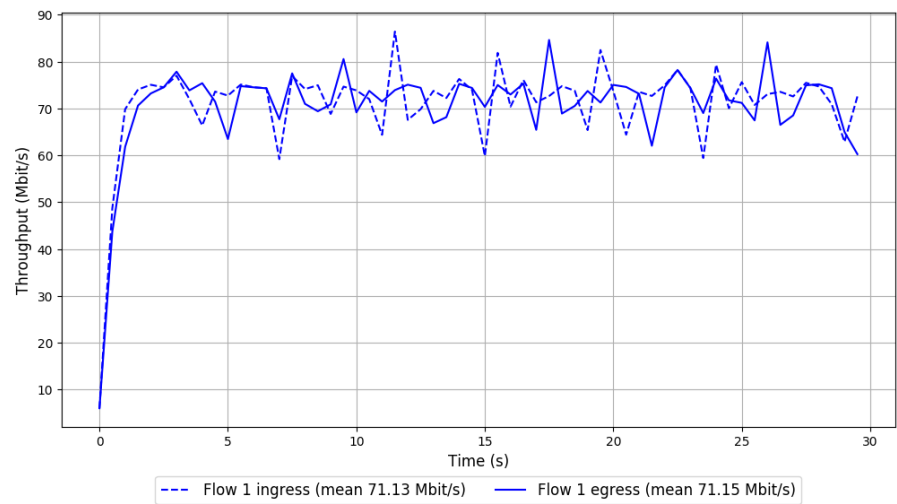
-- Flow 1:

Average throughput: 71.15 Mbit/s

95th percentile per-packet one-way delay: 95.912 ms

Loss rate: 0.58%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-04 04:18:51

End at: 2018-02-04 04:19:21

Local clock offset: -0.331 ms

Remote clock offset: 0.324 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.02 Mbit/s

95th percentile per-packet one-way delay: 79.362 ms

Loss rate: 0.67%

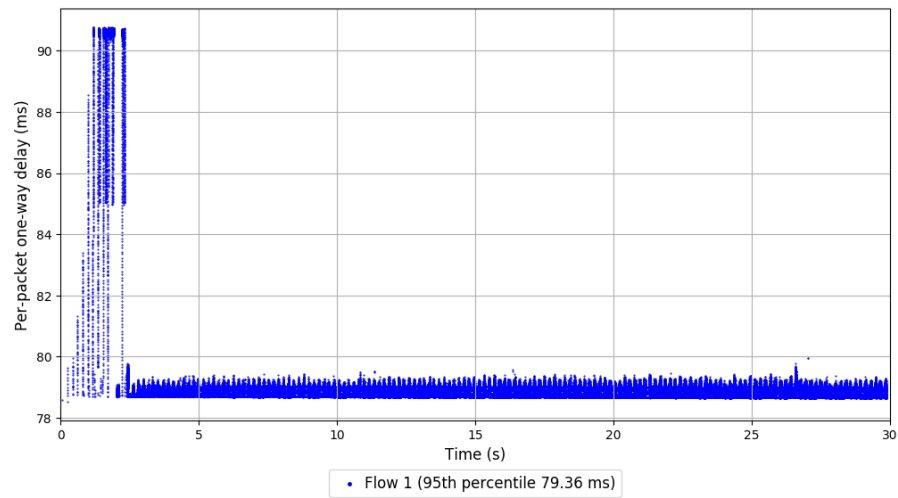
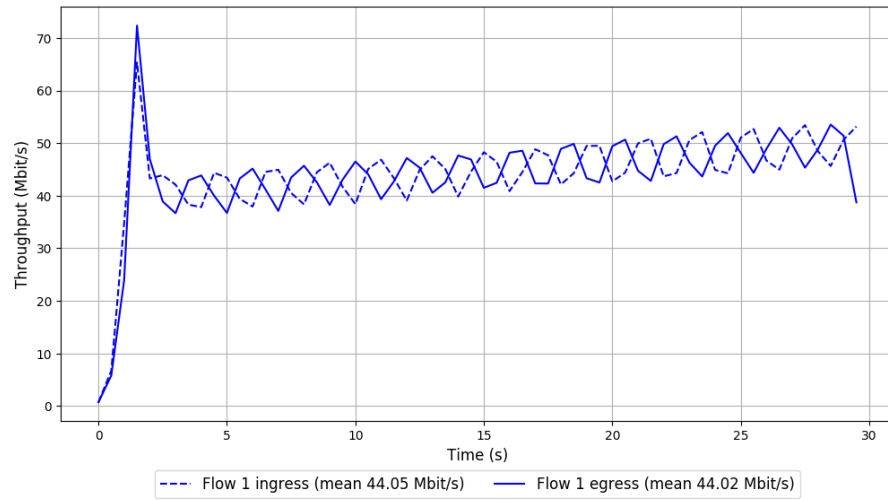
-- Flow 1:

Average throughput: 44.02 Mbit/s

95th percentile per-packet one-way delay: 79.362 ms

Loss rate: 0.67%

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



Run 2: Statistics of TCP Vegas

Start at: 2018-02-04 04:41:05

End at: 2018-02-04 04:41:35

Local clock offset: -0.316 ms

Remote clock offset: -6.61 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.74 Mbit/s

95th percentile per-packet one-way delay: 90.472 ms

Loss rate: 0.67%

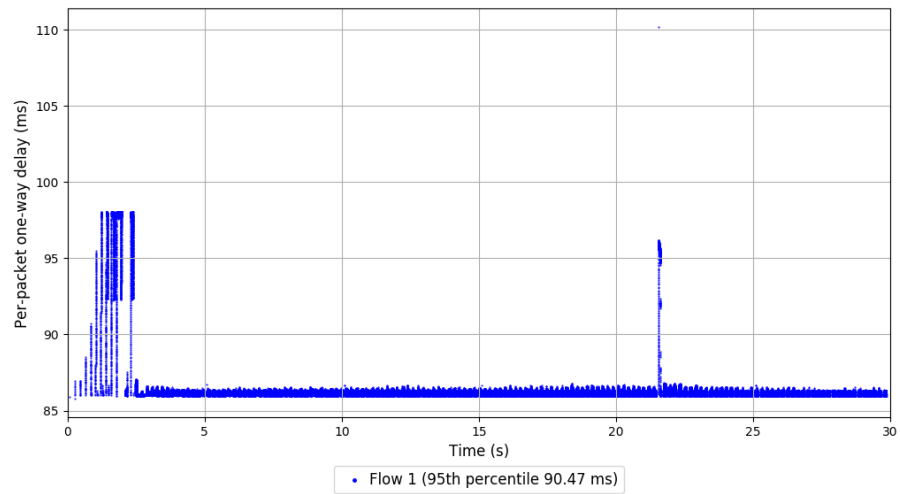
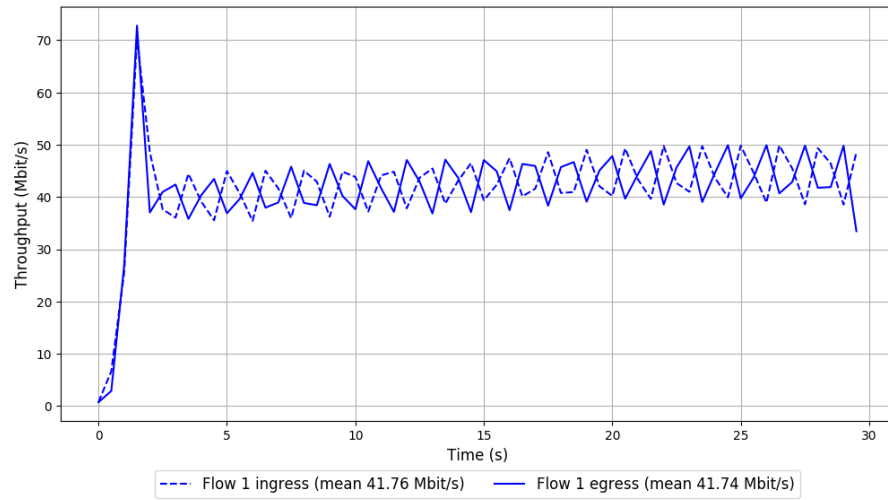
-- Flow 1:

Average throughput: 41.74 Mbit/s

95th percentile per-packet one-way delay: 90.472 ms

Loss rate: 0.67%

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



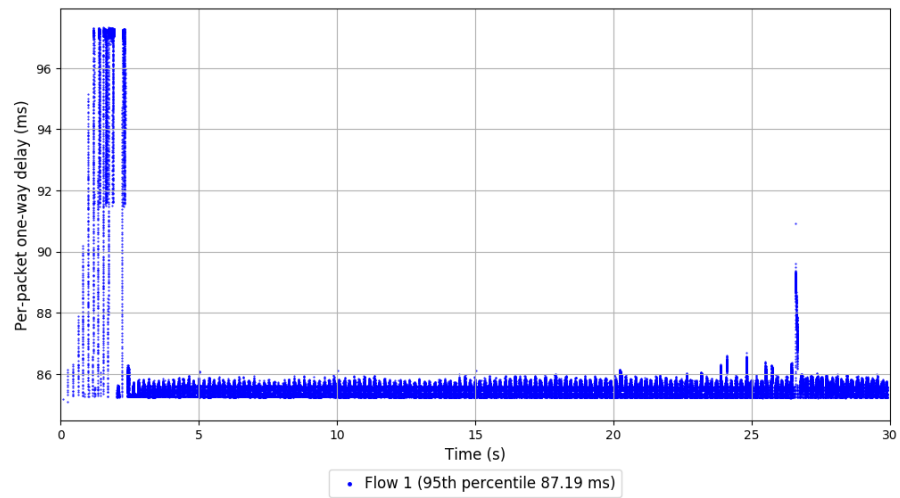
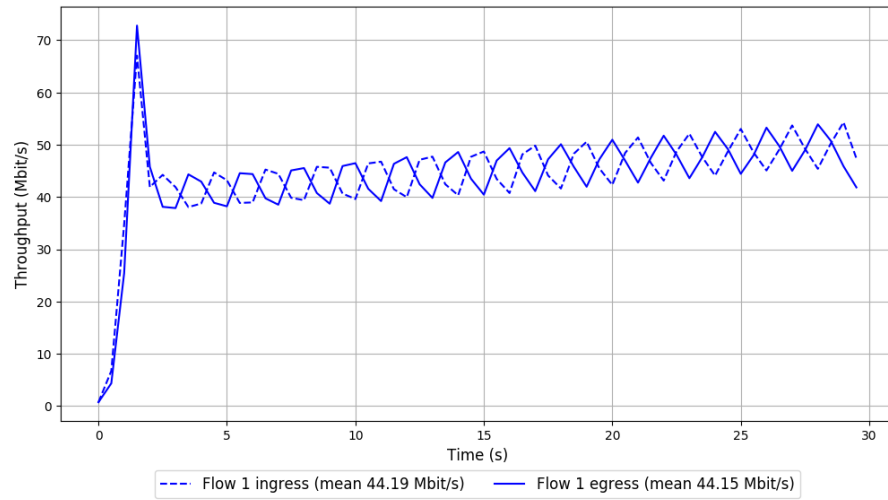
Run 3: Statistics of TCP Vegas

Start at: 2018-02-04 05:03:12  
End at: 2018-02-04 05:03:42  
Local clock offset: -0.247 ms  
Remote clock offset: -7.235 ms

# Below is generated by plot.py at 2018-02-04 11:41:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.15 Mbit/s  
95th percentile per-packet one-way delay: 87.189 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 44.15 Mbit/s  
95th percentile per-packet one-way delay: 87.189 ms  
Loss rate: 0.68%



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

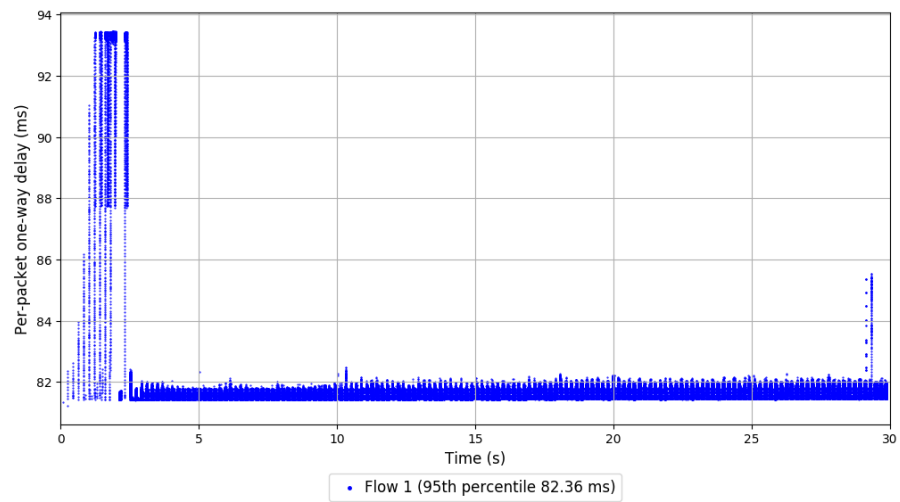
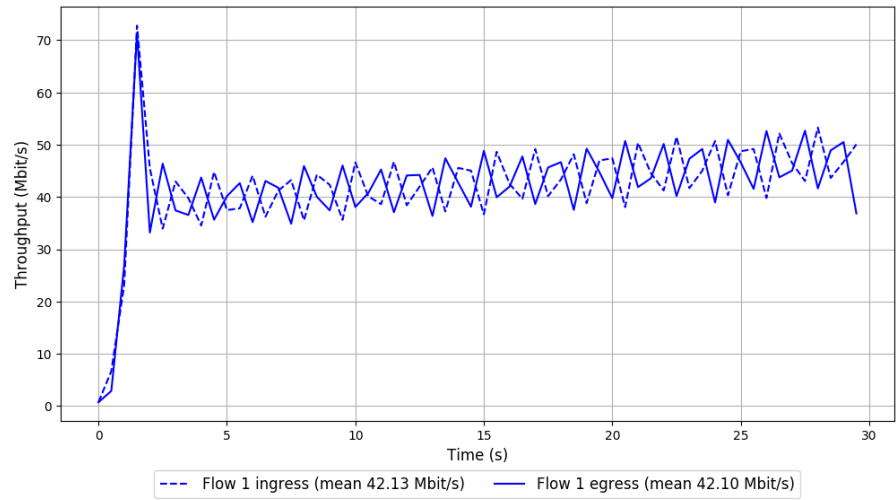


Run 4: Statistics of TCP Vegas

Start at: 2018-02-04 05:25:21  
End at: 2018-02-04 05:25:51  
Local clock offset: -0.176 ms  
Remote clock offset: -1.351 ms

# Below is generated by plot.py at 2018-02-04 11:41:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.10 Mbit/s  
95th percentile per-packet one-way delay: 82.361 ms  
Loss rate: 0.67%  
-- Flow 1:  
Average throughput: 42.10 Mbit/s  
95th percentile per-packet one-way delay: 82.361 ms  
Loss rate: 0.67%

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



Run 5: Statistics of TCP Vegas

Start at: 2018-02-04 05:47:29

End at: 2018-02-04 05:47:59

Local clock offset: -0.09 ms

Remote clock offset: 0.081 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.12 Mbit/s

95th percentile per-packet one-way delay: 80.586 ms

Loss rate: 0.70%

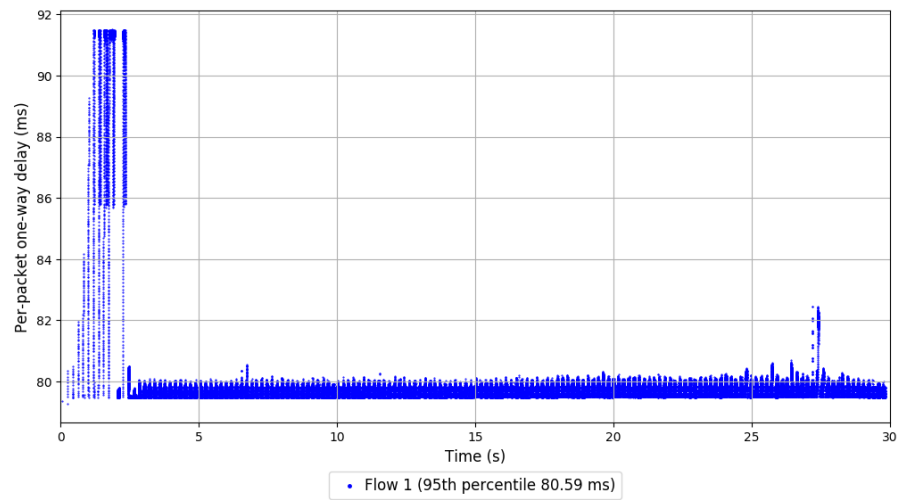
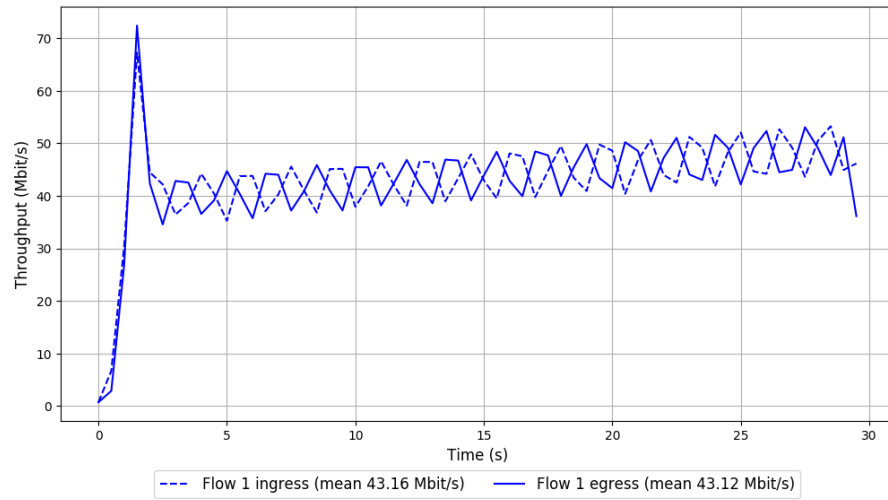
-- Flow 1:

Average throughput: 43.12 Mbit/s

95th percentile per-packet one-way delay: 80.586 ms

Loss rate: 0.70%

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

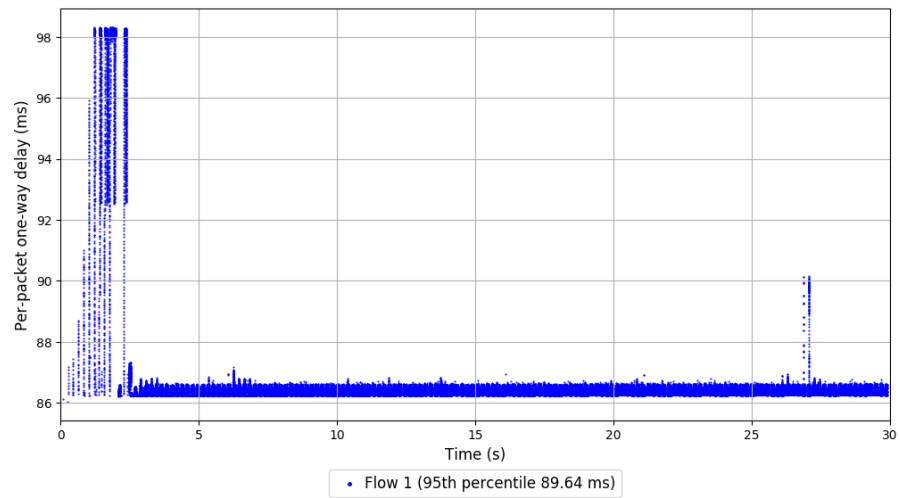
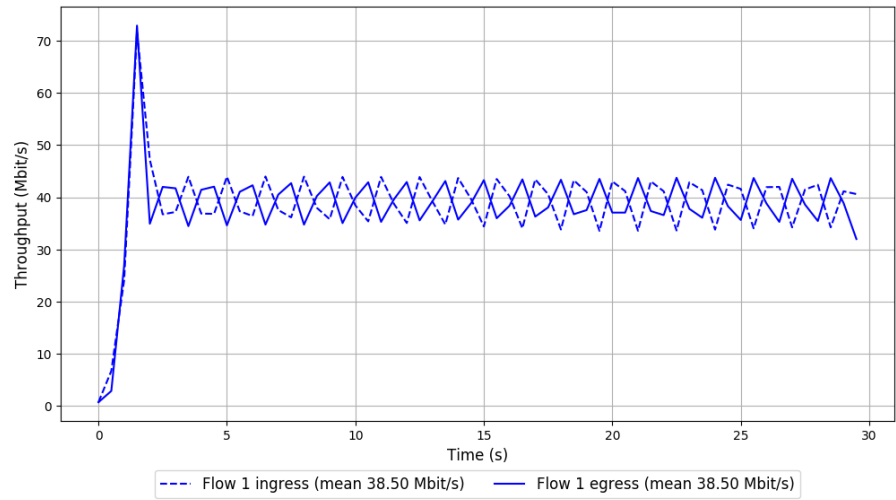


Run 6: Statistics of TCP Vegas

Start at: 2018-02-04 06:09:37  
End at: 2018-02-04 06:10:07  
Local clock offset: -0.008 ms  
Remote clock offset: -3.825 ms

# Below is generated by plot.py at 2018-02-04 11:41:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 38.50 Mbit/s  
95th percentile per-packet one-way delay: 89.645 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 38.50 Mbit/s  
95th percentile per-packet one-way delay: 89.645 ms  
Loss rate: 0.60%

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



Run 7: Statistics of TCP Vegas

Start at: 2018-02-04 06:31:48

End at: 2018-02-04 06:32:18

Local clock offset: -0.1 ms

Remote clock offset: 1.546 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 43.95 Mbit/s

95th percentile per-packet one-way delay: 81.589 ms

Loss rate: 0.68%

-- Flow 1:

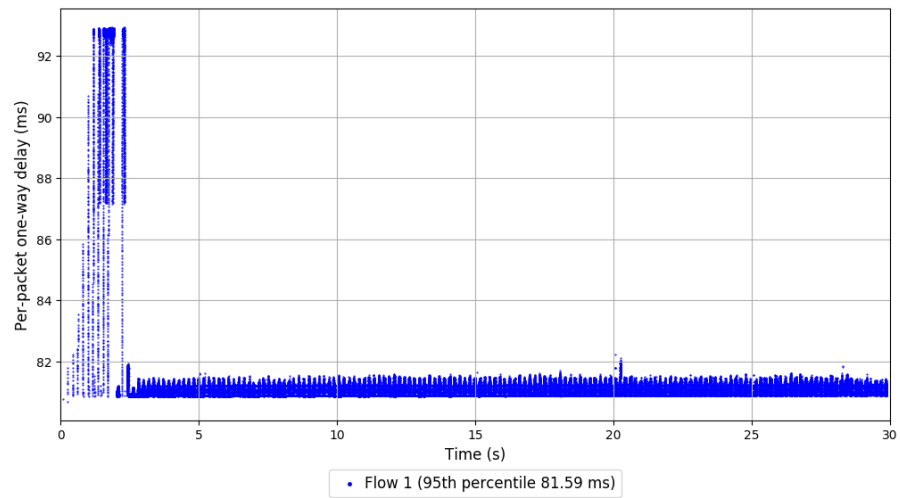
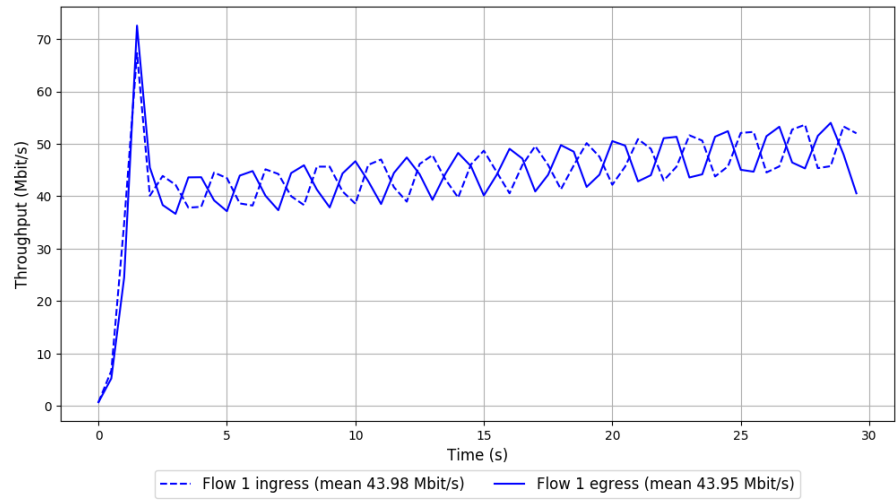
Average throughput: 43.95 Mbit/s

95th percentile per-packet one-way delay: 81.589 ms

Loss rate: 0.68%



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



Run 8: Statistics of TCP Vegas

Start at: 2018-02-04 06:53:56

End at: 2018-02-04 06:54:26

Local clock offset: -0.027 ms

Remote clock offset: 2.418 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 39.33 Mbit/s

95th percentile per-packet one-way delay: 83.524 ms

Loss rate: 0.62%

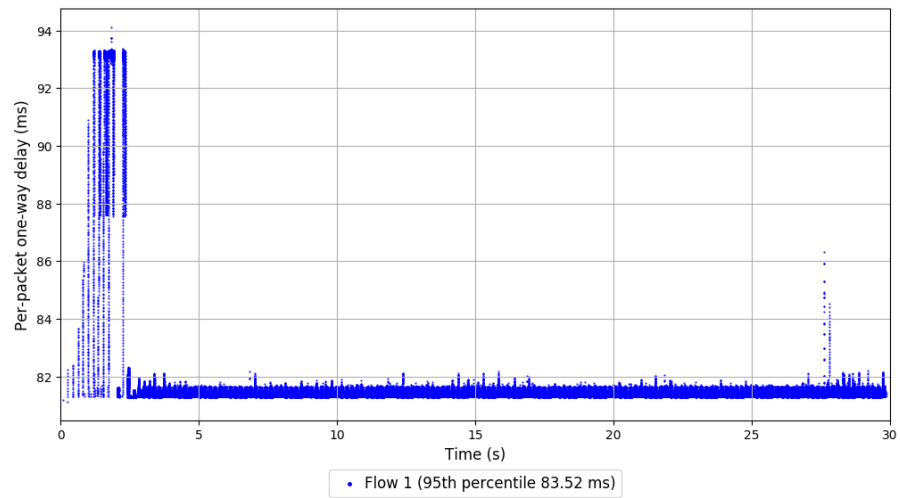
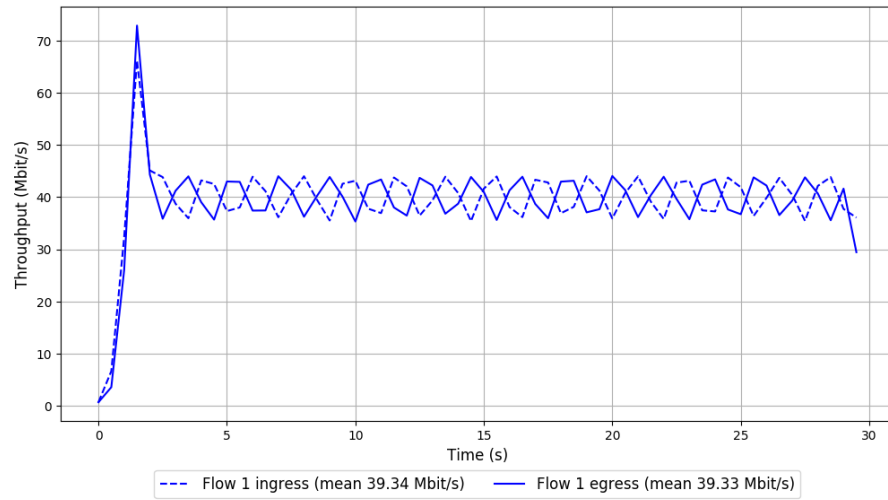
-- Flow 1:

Average throughput: 39.33 Mbit/s

95th percentile per-packet one-way delay: 83.524 ms

Loss rate: 0.62%

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

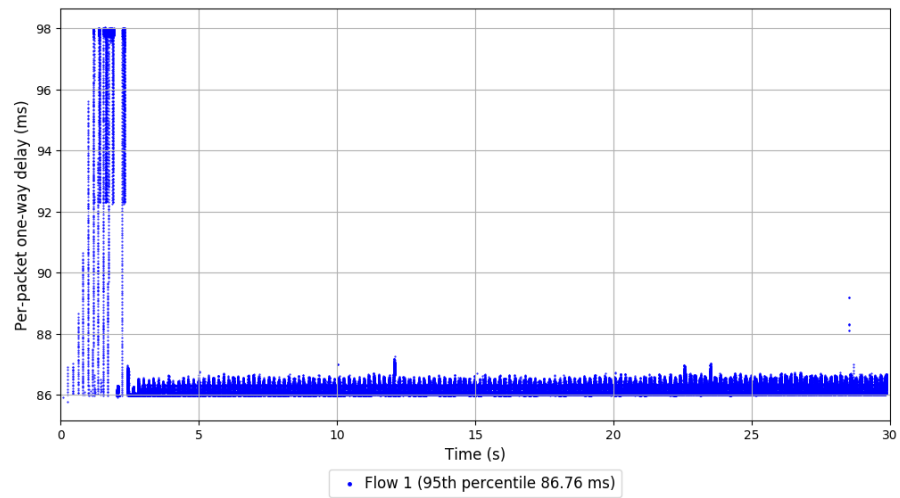
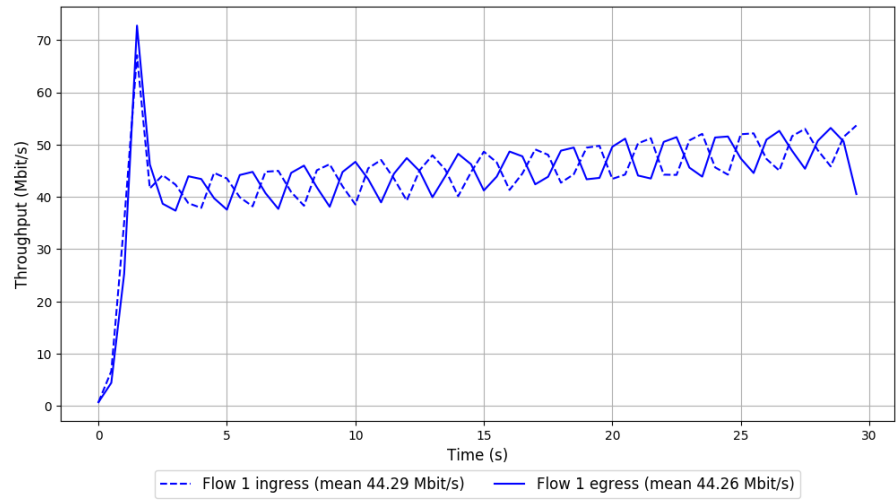


Run 9: Statistics of TCP Vegas

Start at: 2018-02-04 07:16:06  
End at: 2018-02-04 07:16:36  
Local clock offset: -0.131 ms  
Remote clock offset: -1.905 ms

# Below is generated by plot.py at 2018-02-04 11:41:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 44.26 Mbit/s  
95th percentile per-packet one-way delay: 86.756 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 44.26 Mbit/s  
95th percentile per-packet one-way delay: 86.756 ms  
Loss rate: 0.69%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-02-04 07:40:06

End at: 2018-02-04 07:40:36

Local clock offset: -0.1 ms

Remote clock offset: -1.612 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.38 Mbit/s

95th percentile per-packet one-way delay: 86.035 ms

Loss rate: 0.64%

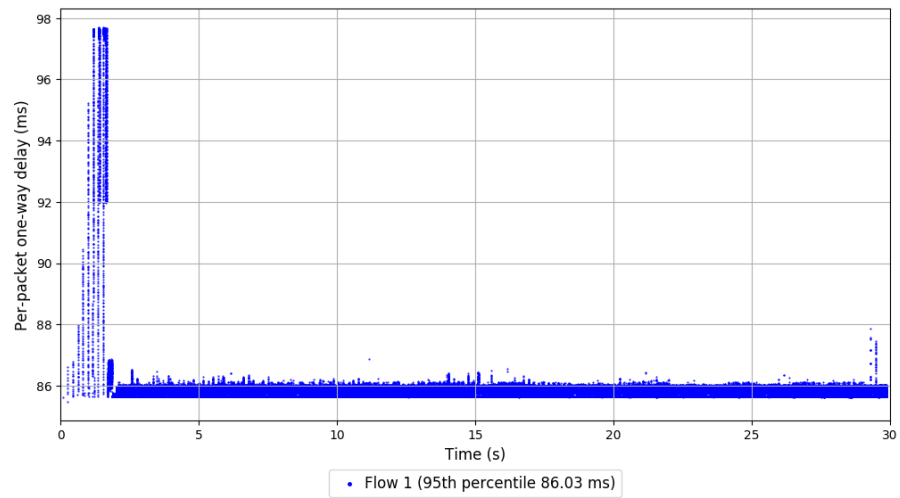
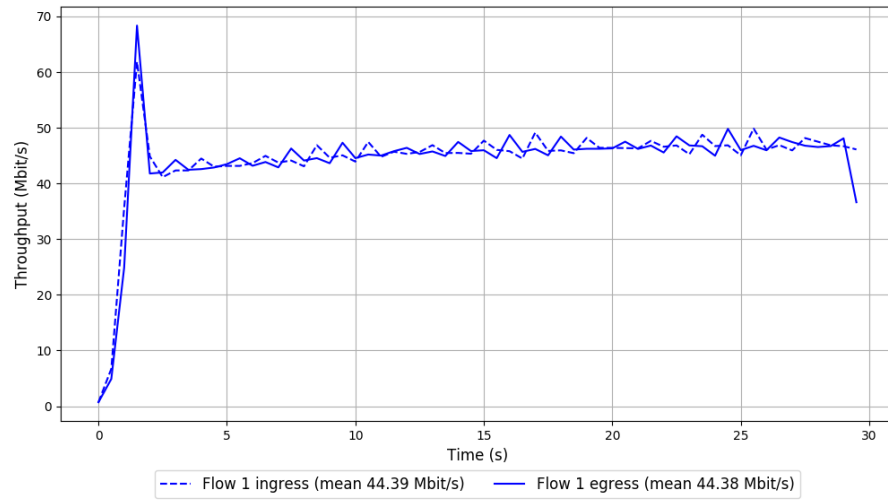
-- Flow 1:

Average throughput: 44.38 Mbit/s

95th percentile per-packet one-way delay: 86.035 ms

Loss rate: 0.64%

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-04 04:06:29

End at: 2018-02-04 04:06:59

Local clock offset: -0.369 ms

Remote clock offset: 1.644 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.70 Mbit/s

95th percentile per-packet one-way delay: 92.974 ms

Loss rate: 0.24%

-- Flow 1:

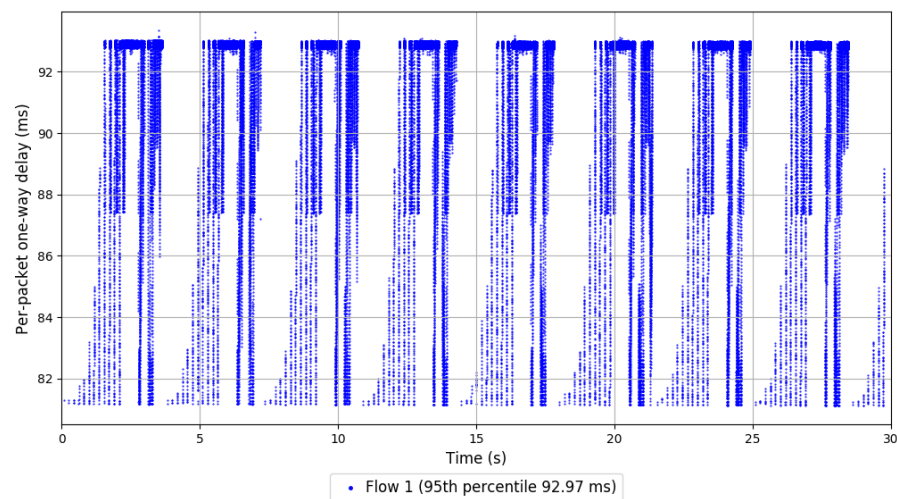
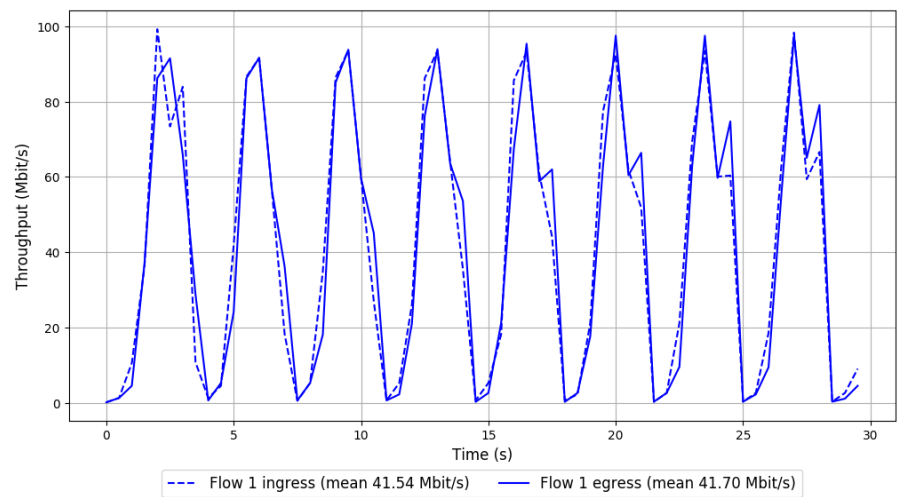
Average throughput: 41.70 Mbit/s

95th percentile per-packet one-way delay: 92.974 ms

Loss rate: 0.24%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-02-04 04:28:38

End at: 2018-02-04 04:29:08

Local clock offset: -0.316 ms

Remote clock offset: 0.747 ms

# Below is generated by plot.py at 2018-02-04 11:41:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.89 Mbit/s

95th percentile per-packet one-way delay: 90.299 ms

Loss rate: 0.24%

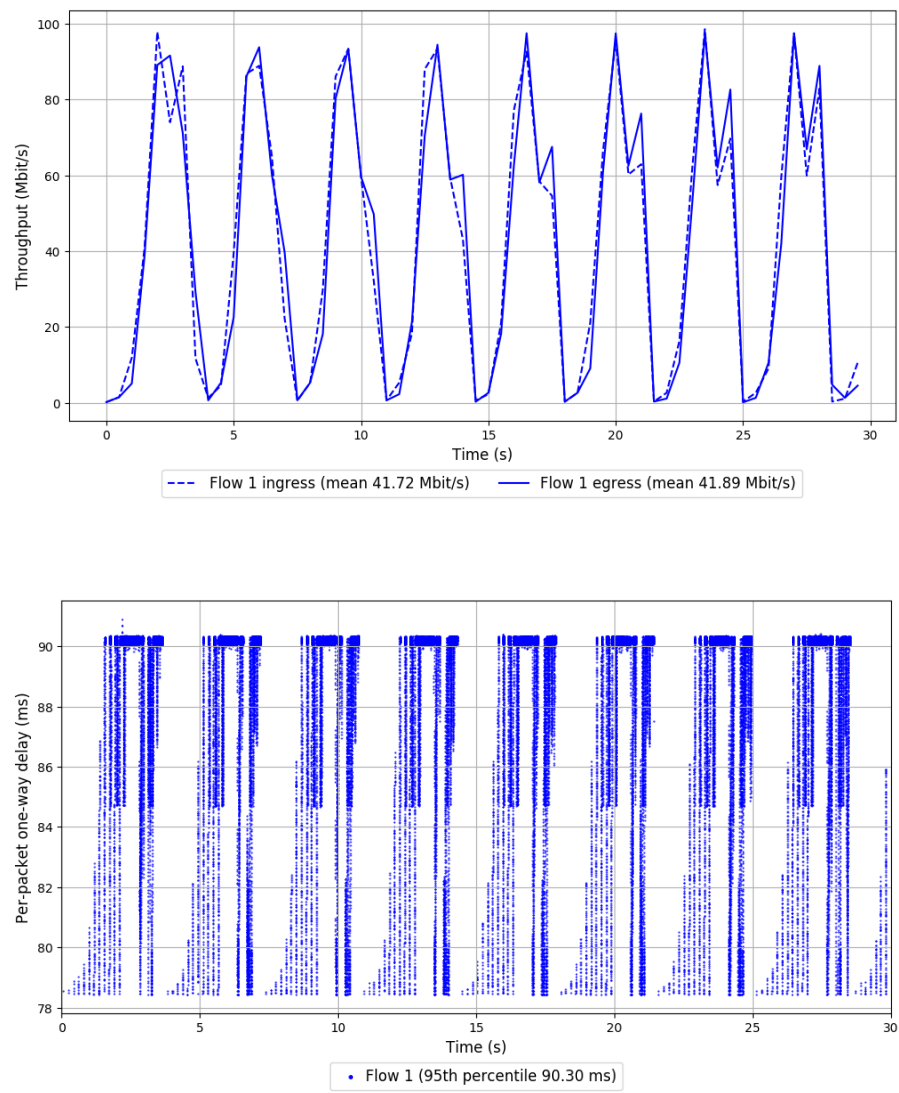
-- Flow 1:

Average throughput: 41.89 Mbit/s

95th percentile per-packet one-way delay: 90.299 ms

Loss rate: 0.24%

Run 2: Report of Verus — Data Link

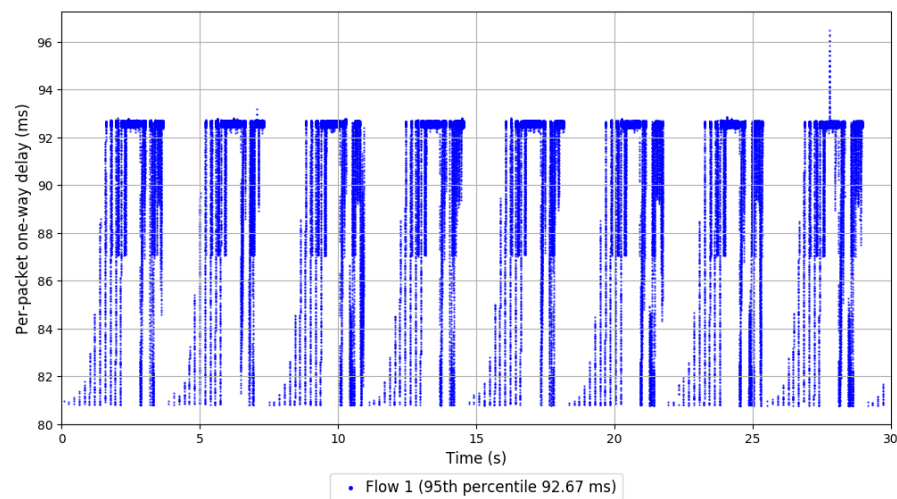
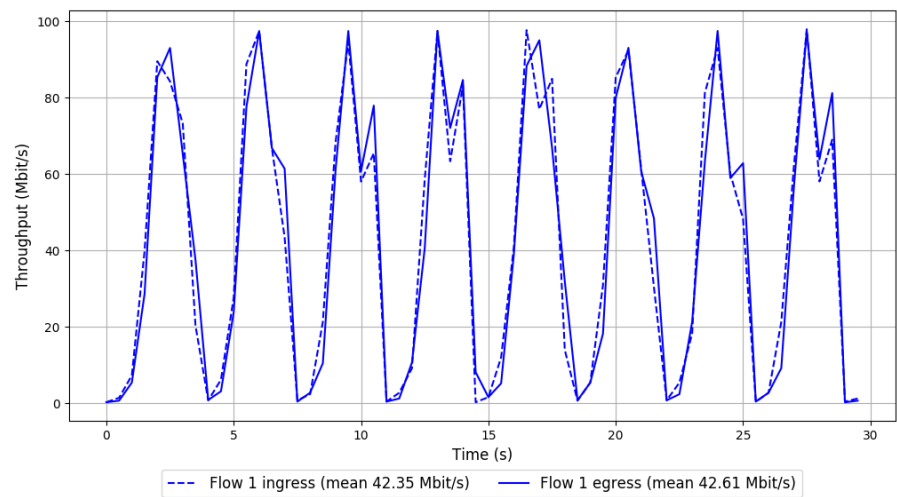


Run 3: Statistics of Verus

Start at: 2018-02-04 04:50:51  
End at: 2018-02-04 04:51:21  
Local clock offset: -0.317 ms  
Remote clock offset: -2.514 ms

# Below is generated by plot.py at 2018-02-04 11:41:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.61 Mbit/s  
95th percentile per-packet one-way delay: 92.666 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 42.61 Mbit/s  
95th percentile per-packet one-way delay: 92.666 ms  
Loss rate: 0.03%

Run 3: Report of Verus — Data Link

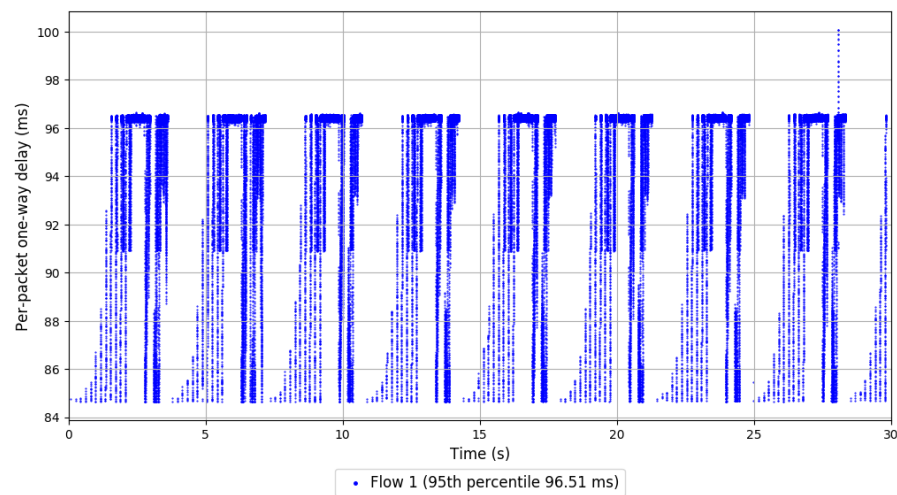
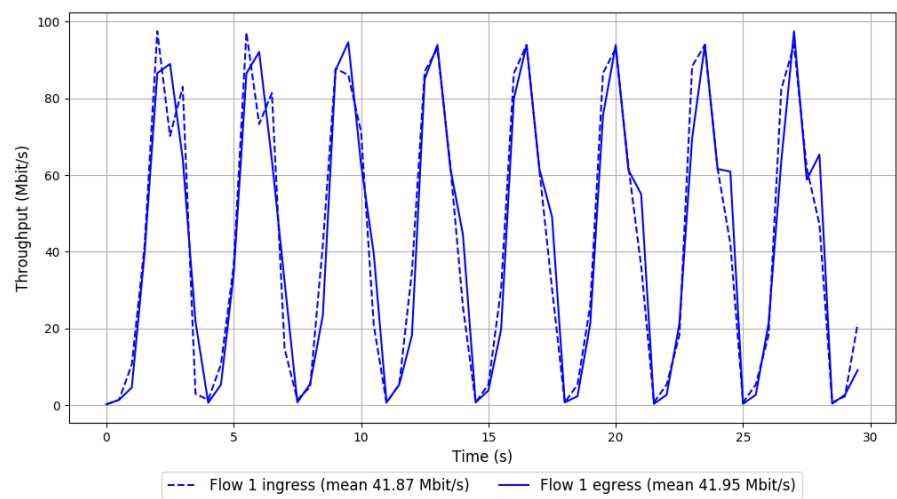


Run 4: Statistics of Verus

Start at: 2018-02-04 05:13:00  
End at: 2018-02-04 05:13:30  
Local clock offset: -0.311 ms  
Remote clock offset: -7.194 ms

# Below is generated by plot.py at 2018-02-04 11:41:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.95 Mbit/s  
95th percentile per-packet one-way delay: 96.514 ms  
Loss rate: 0.48%  
-- Flow 1:  
Average throughput: 41.95 Mbit/s  
95th percentile per-packet one-way delay: 96.514 ms  
Loss rate: 0.48%

Run 4: Report of Verus — Data Link



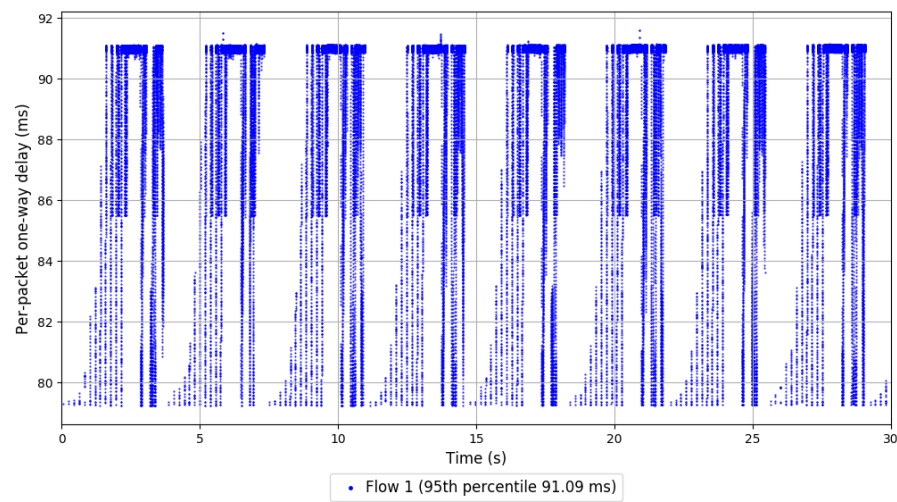
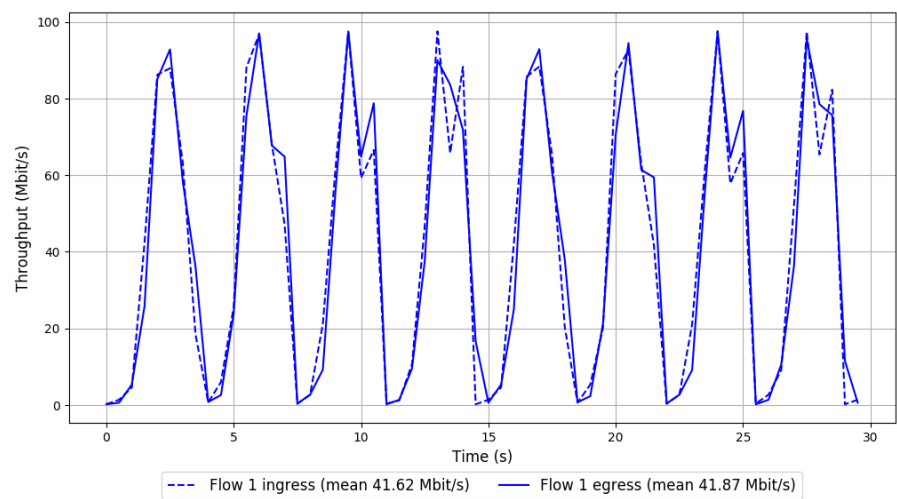
Run 5: Statistics of Verus

Start at: 2018-02-04 05:35:07  
End at: 2018-02-04 05:35:37  
Local clock offset: -0.154 ms  
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-02-04 11:41:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.87 Mbit/s  
95th percentile per-packet one-way delay: 91.091 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 41.87 Mbit/s  
95th percentile per-packet one-way delay: 91.091 ms  
Loss rate: 0.03%



Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-04 05:57:15

End at: 2018-02-04 05:57:45

Local clock offset: -0.112 ms

Remote clock offset: 1.321 ms

# Below is generated by plot.py at 2018-02-04 11:41:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 42.13 Mbit/s

95th percentile per-packet one-way delay: 89.307 ms

Loss rate: 0.48%

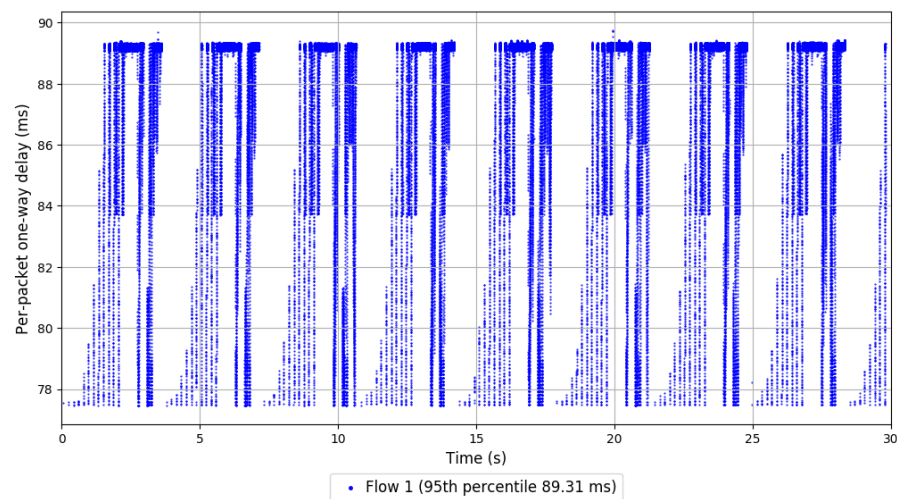
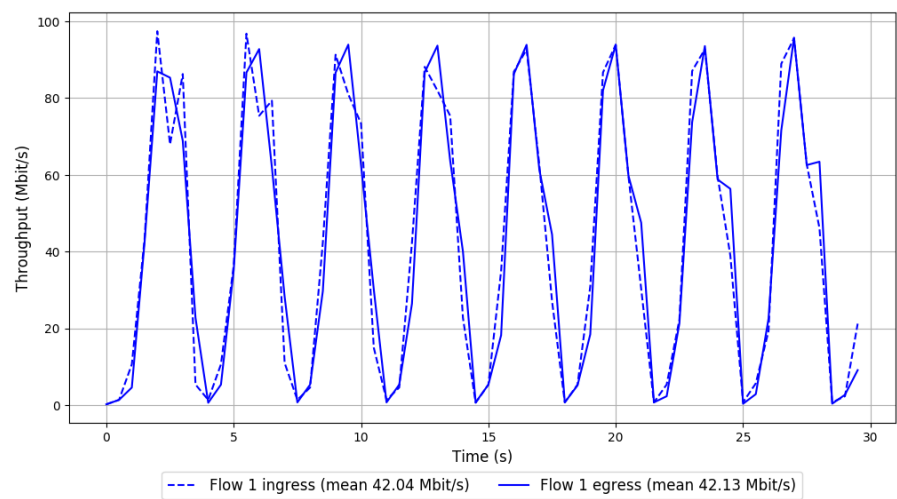
-- Flow 1:

Average throughput: 42.13 Mbit/s

95th percentile per-packet one-way delay: 89.307 ms

Loss rate: 0.48%

Run 6: Report of Verus — Data Link

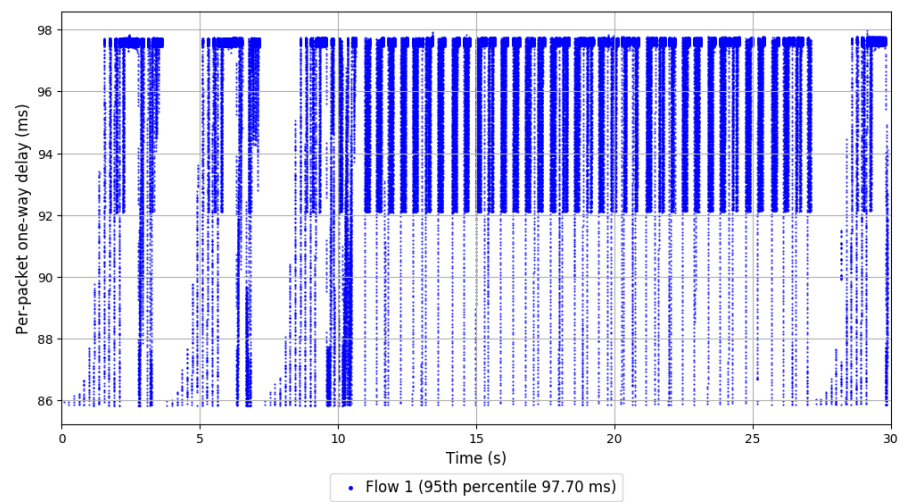
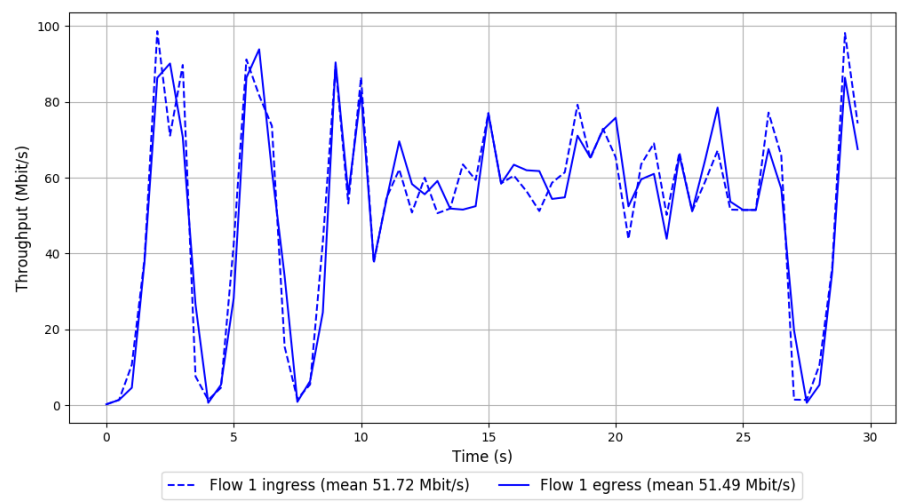


Run 7: Statistics of Verus

Start at: 2018-02-04 06:19:24  
End at: 2018-02-04 06:19:54  
Local clock offset: -0.018 ms  
Remote clock offset: -4.126 ms

# Below is generated by plot.py at 2018-02-04 11:42:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 51.49 Mbit/s  
95th percentile per-packet one-way delay: 97.702 ms  
Loss rate: 0.83%  
-- Flow 1:  
Average throughput: 51.49 Mbit/s  
95th percentile per-packet one-way delay: 97.702 ms  
Loss rate: 0.83%

Run 7: Report of Verus — Data Link

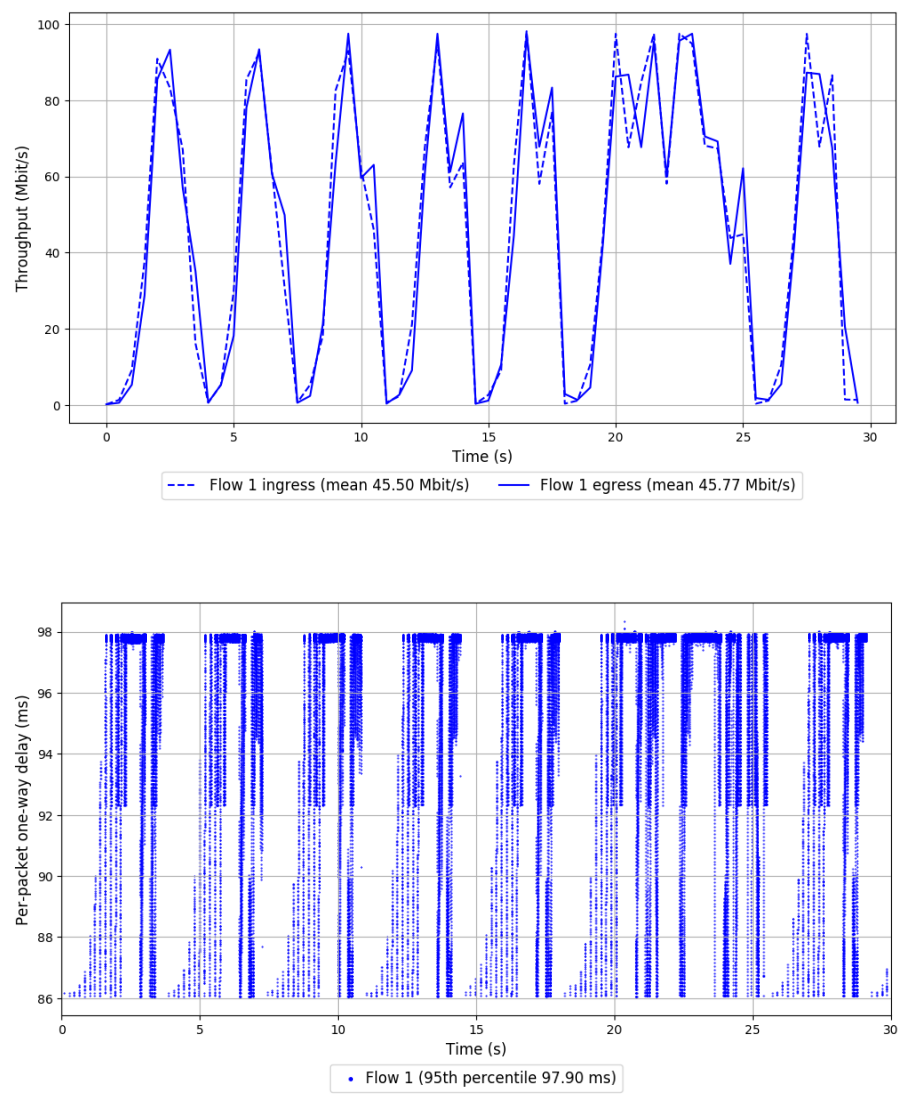


Run 8: Statistics of Verus

Start at: 2018-02-04 06:41:34  
End at: 2018-02-04 06:42:04  
Local clock offset: -0.078 ms  
Remote clock offset: -2.027 ms

# Below is generated by plot.py at 2018-02-04 11:42:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.77 Mbit/s  
95th percentile per-packet one-way delay: 97.899 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 45.77 Mbit/s  
95th percentile per-packet one-way delay: 97.899 ms  
Loss rate: 0.03%

Run 8: Report of Verus — Data Link



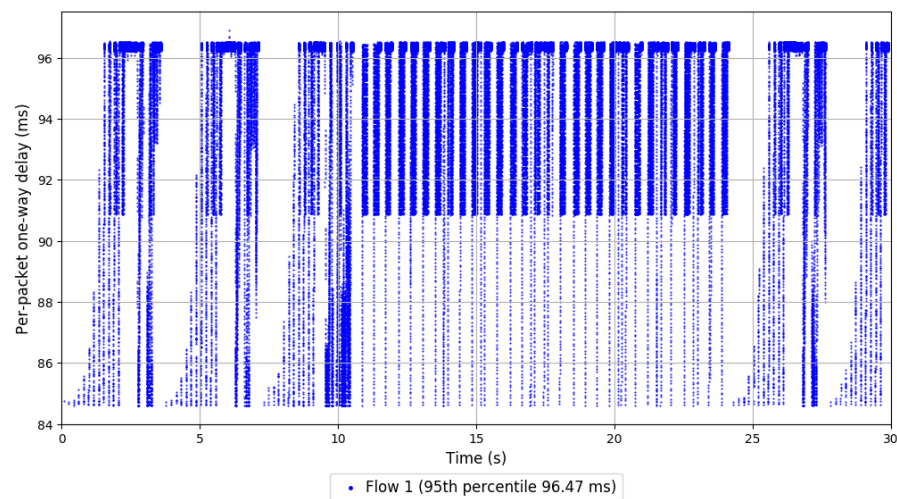
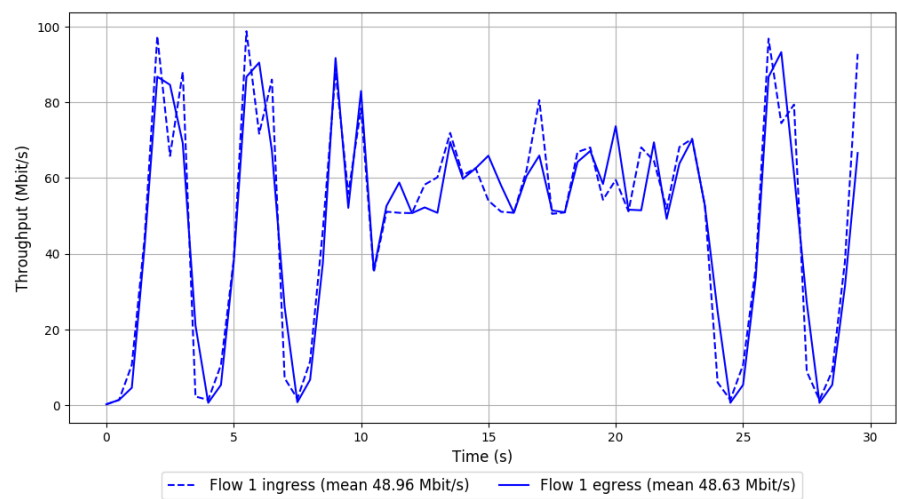
Run 9: Statistics of Verus

Start at: 2018-02-04 07:03:43  
End at: 2018-02-04 07:04:13  
Local clock offset: -0.037 ms  
Remote clock offset: -1.585 ms

# Below is generated by plot.py at 2018-02-04 11:42:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 48.63 Mbit/s  
95th percentile per-packet one-way delay: 96.465 ms  
Loss rate: 1.27%  
-- Flow 1:  
Average throughput: 48.63 Mbit/s  
95th percentile per-packet one-way delay: 96.465 ms  
Loss rate: 1.27%



Run 9: Report of Verus — Data Link

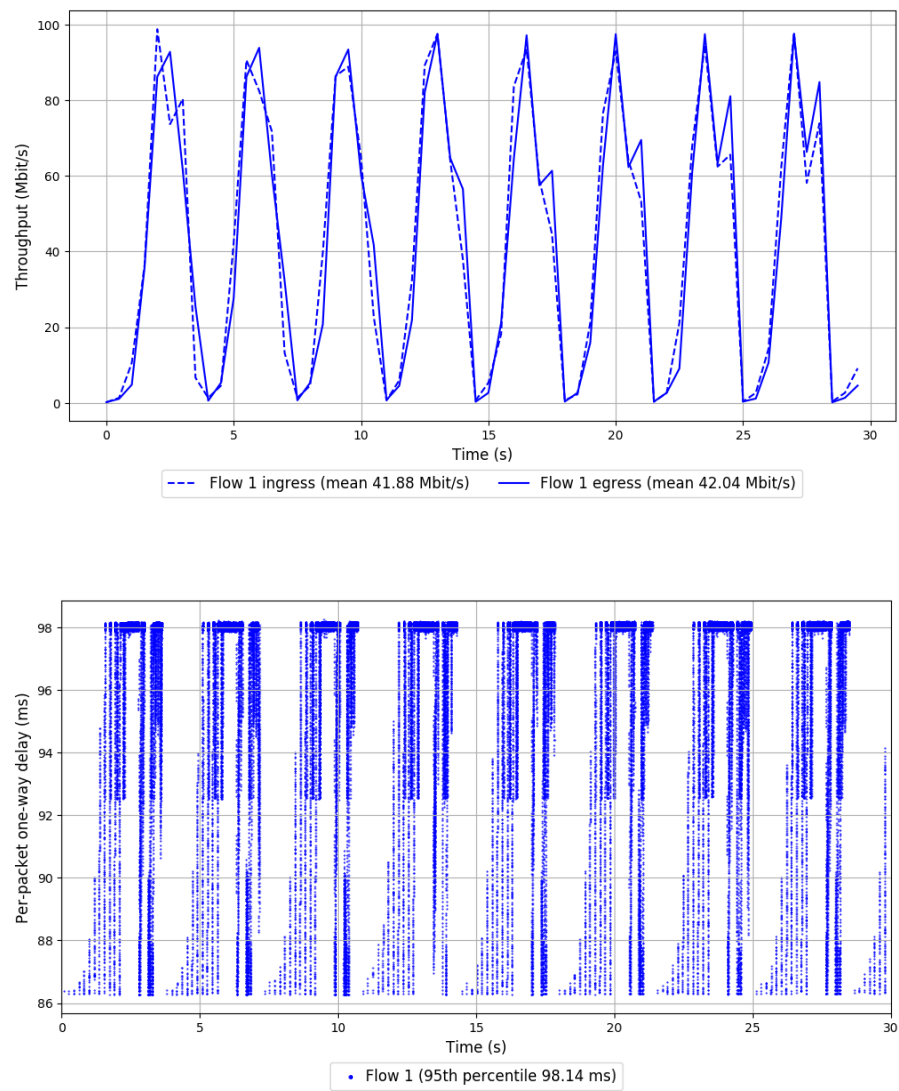


Run 10: Statistics of Verus

Start at: 2018-02-04 07:26:32  
End at: 2018-02-04 07:27:02  
Local clock offset: -0.091 ms  
Remote clock offset: -0.663 ms

# Below is generated by plot.py at 2018-02-04 11:42:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.04 Mbit/s  
95th percentile per-packet one-way delay: 98.141 ms  
Loss rate: 0.24%  
-- Flow 1:  
Average throughput: 42.04 Mbit/s  
95th percentile per-packet one-way delay: 98.141 ms  
Loss rate: 0.24%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-04 04:11:20

End at: 2018-02-04 04:11:50

Local clock offset: -0.35 ms

Remote clock offset: 0.256 ms

# Below is generated by plot.py at 2018-02-04 11:43:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 52.25 Mbit/s

95th percentile per-packet one-way delay: 81.217 ms

Loss rate: 0.65%

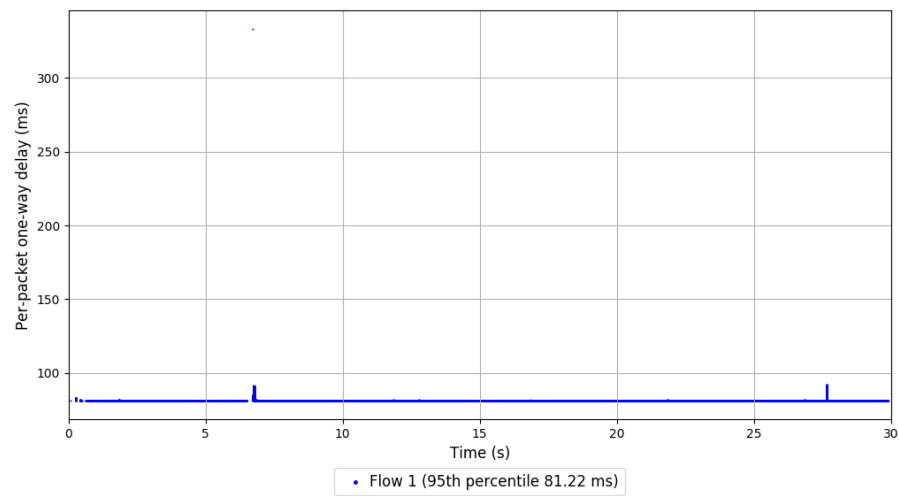
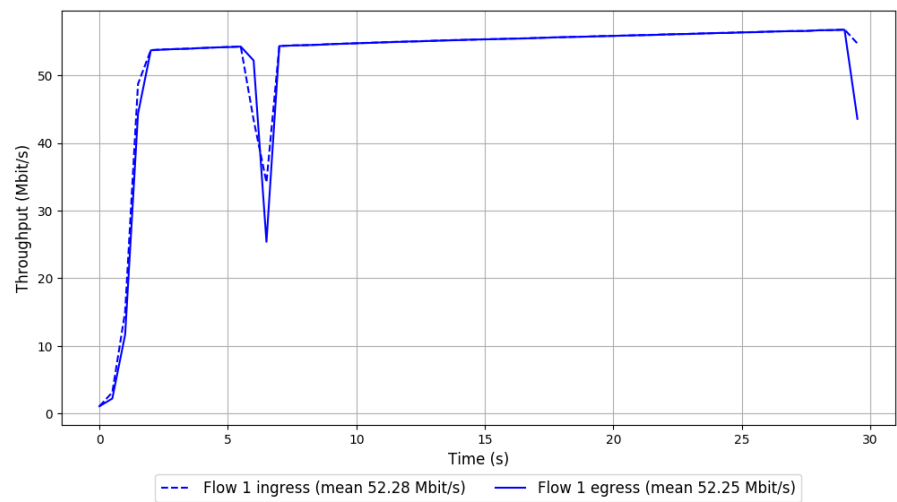
-- Flow 1:

Average throughput: 52.25 Mbit/s

95th percentile per-packet one-way delay: 81.217 ms

Loss rate: 0.65%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-02-04 04:33:28

End at: 2018-02-04 04:33:58

Local clock offset: -0.36 ms

Remote clock offset: 0.374 ms

# Below is generated by plot.py at 2018-02-04 11:43:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 62.49 Mbit/s

95th percentile per-packet one-way delay: 77.669 ms

Loss rate: 0.62%

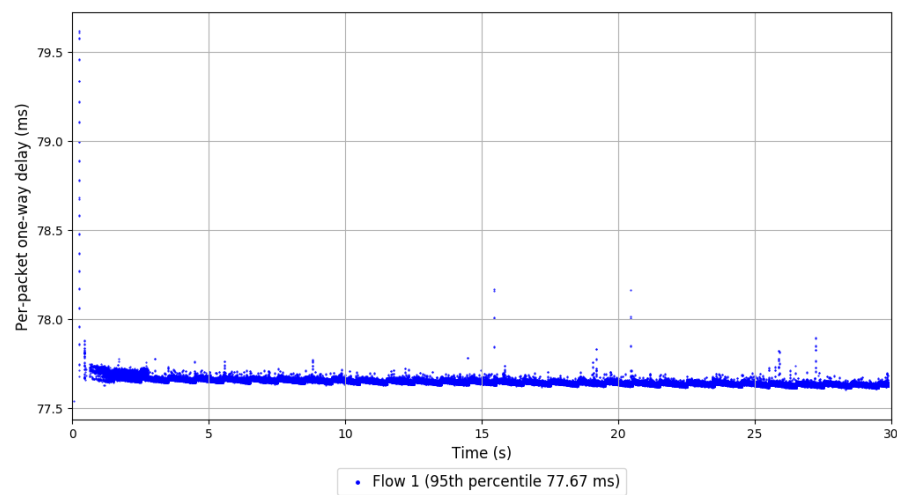
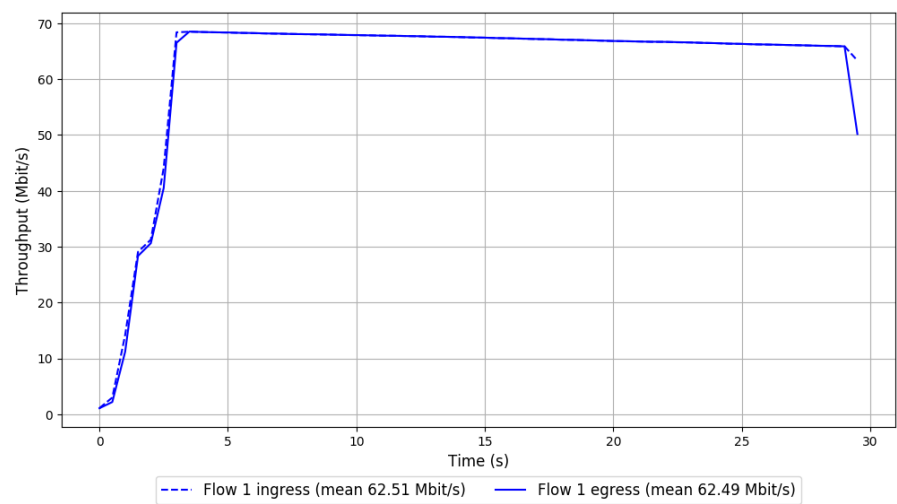
-- Flow 1:

Average throughput: 62.49 Mbit/s

95th percentile per-packet one-way delay: 77.669 ms

Loss rate: 0.62%

Run 2: Report of Copa — Data Link



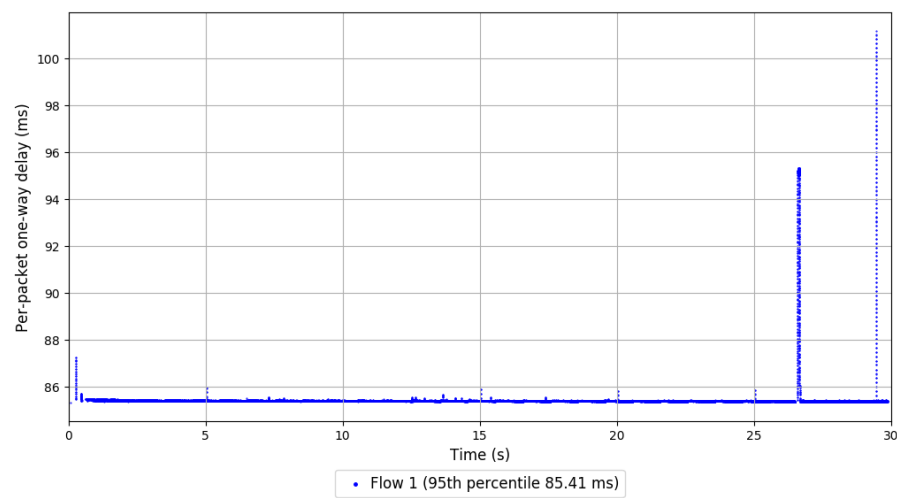
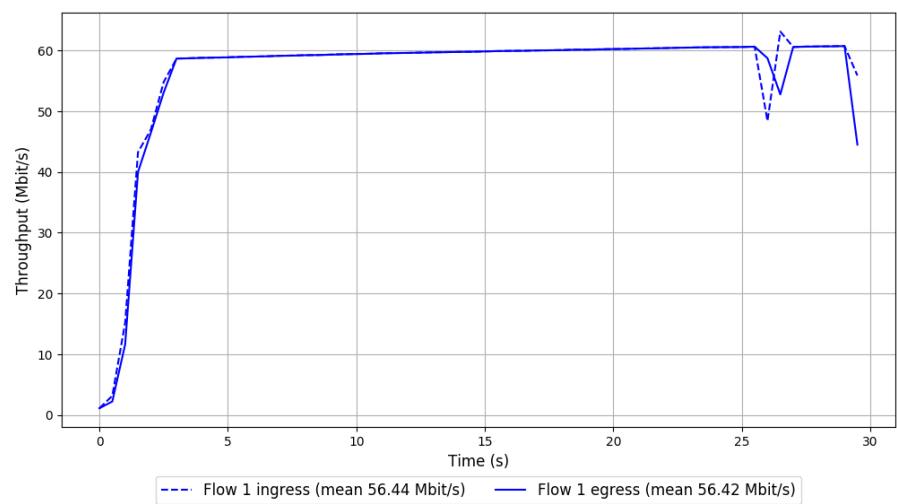
Run 3: Statistics of Copa

Start at: 2018-02-04 04:55:41  
End at: 2018-02-04 04:56:11  
Local clock offset: -0.234 ms  
Remote clock offset: -7.571 ms

# Below is generated by plot.py at 2018-02-04 11:43:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 56.42 Mbit/s  
95th percentile per-packet one-way delay: 85.411 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 56.42 Mbit/s  
95th percentile per-packet one-way delay: 85.411 ms  
Loss rate: 0.64%



Run 3: Report of Copa — Data Link

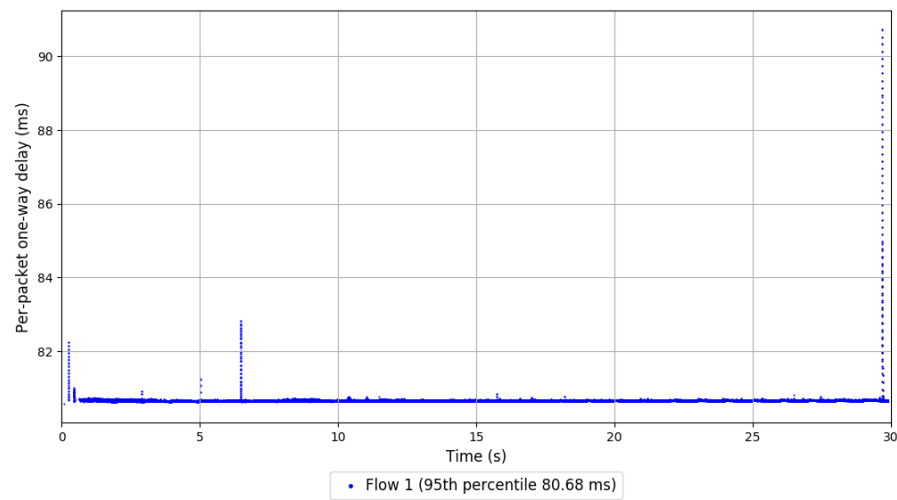
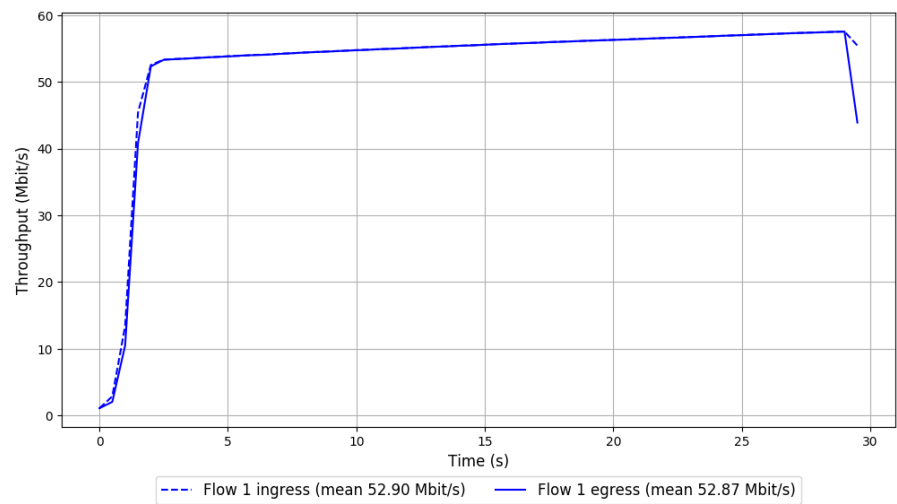


Run 4: Statistics of Copa

Start at: 2018-02-04 05:17:50  
End at: 2018-02-04 05:18:20  
Local clock offset: -0.221 ms  
Remote clock offset: -0.977 ms

# Below is generated by plot.py at 2018-02-04 11:43:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 52.87 Mbit/s  
95th percentile per-packet one-way delay: 80.680 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 52.87 Mbit/s  
95th percentile per-packet one-way delay: 80.680 ms  
Loss rate: 0.66%

Run 4: Report of Copa — Data Link

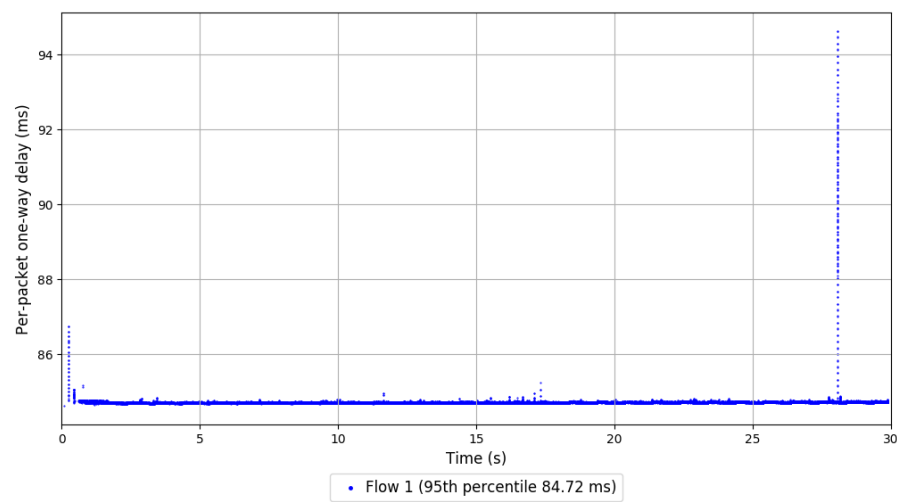
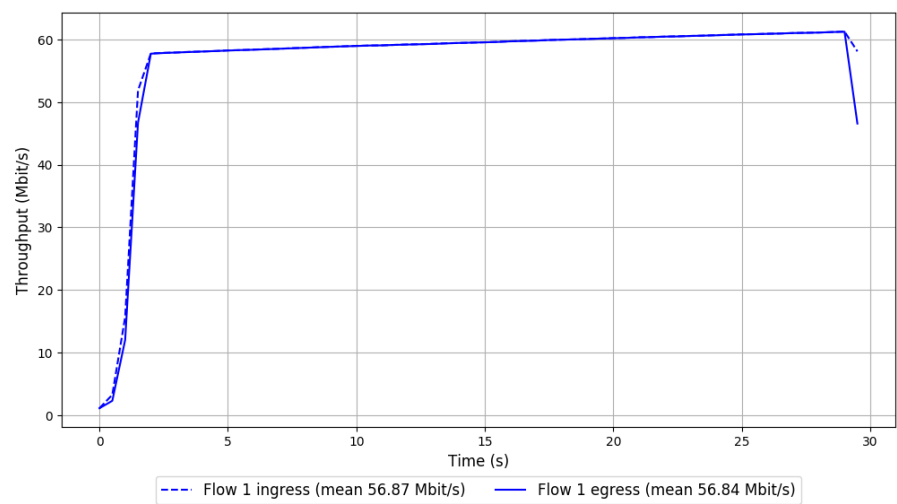


Run 5: Statistics of Copa

Start at: 2018-02-04 05:39:58  
End at: 2018-02-04 05:40:28  
Local clock offset: -0.167 ms  
Remote clock offset: -5.666 ms

# Below is generated by plot.py at 2018-02-04 11:43:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 56.84 Mbit/s  
95th percentile per-packet one-way delay: 84.723 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 56.84 Mbit/s  
95th percentile per-packet one-way delay: 84.723 ms  
Loss rate: 0.64%

Run 5: Report of Copa — Data Link

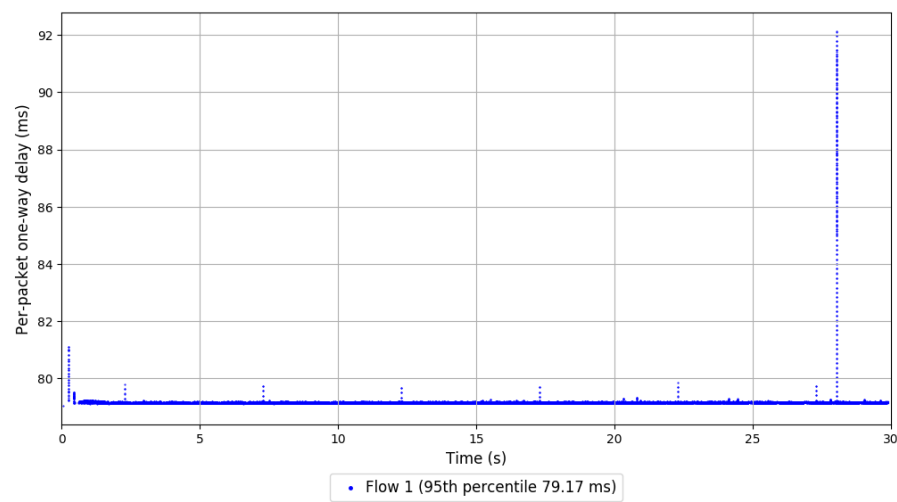
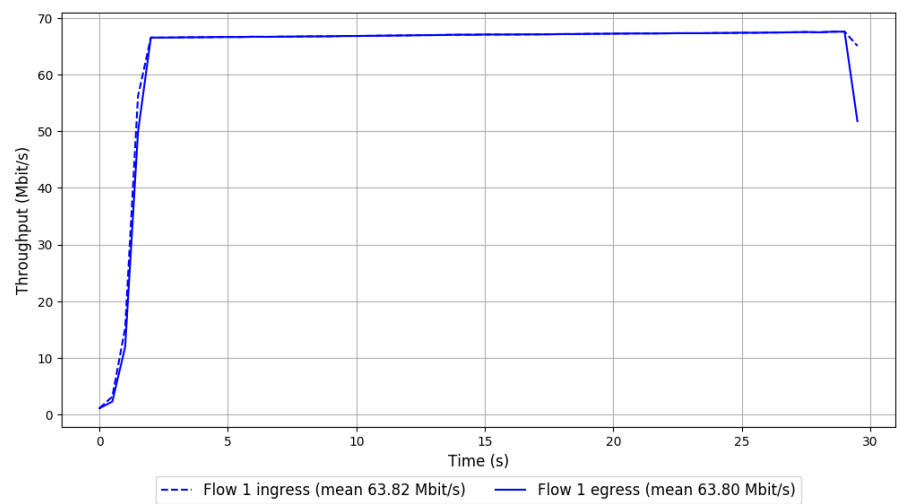


Run 6: Statistics of Copa

Start at: 2018-02-04 06:02:05  
End at: 2018-02-04 06:02:35  
Local clock offset: -0.003 ms  
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2018-02-04 11:43:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 63.80 Mbit/s  
95th percentile per-packet one-way delay: 79.171 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 63.80 Mbit/s  
95th percentile per-packet one-way delay: 79.171 ms  
Loss rate: 0.63%

Run 6: Report of Copa — Data Link



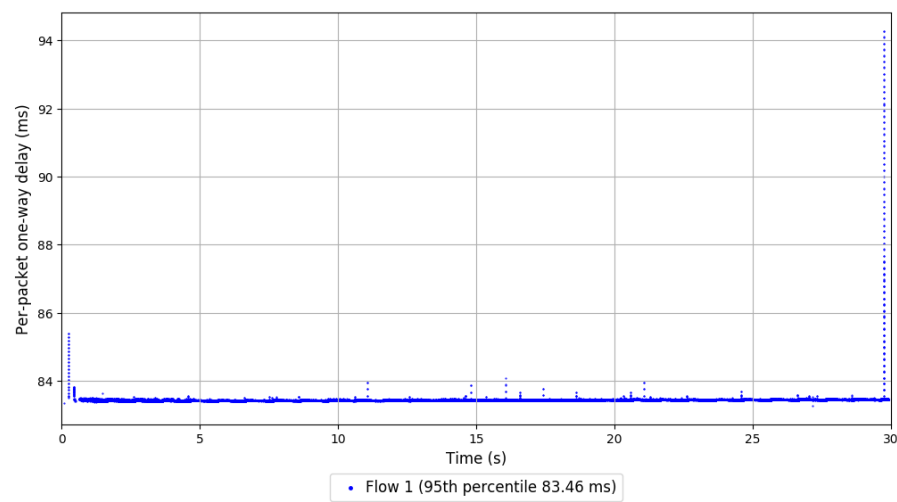
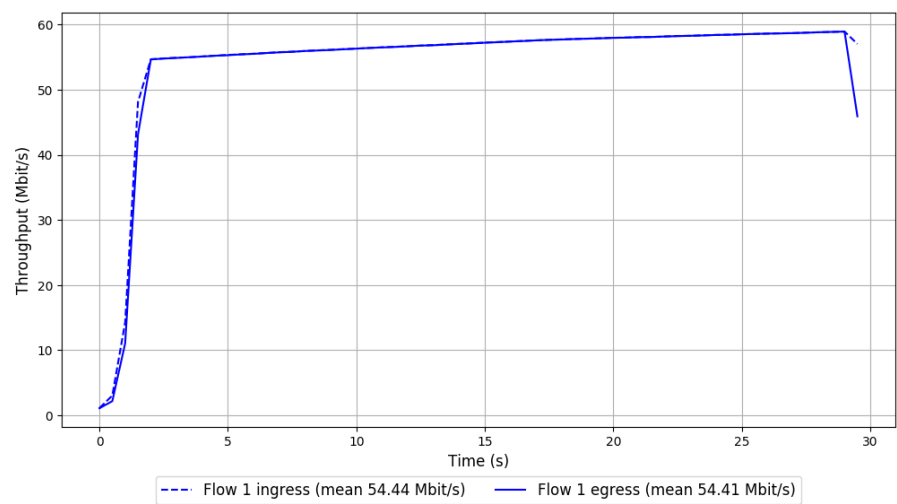
Run 7: Statistics of Copa

Start at: 2018-02-04 06:24:15  
End at: 2018-02-04 06:24:46  
Local clock offset: 0.007 ms  
Remote clock offset: -2.885 ms

# Below is generated by plot.py at 2018-02-04 11:43:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.41 Mbit/s  
95th percentile per-packet one-way delay: 83.461 ms  
Loss rate: 0.64%  
-- Flow 1:  
Average throughput: 54.41 Mbit/s  
95th percentile per-packet one-way delay: 83.461 ms  
Loss rate: 0.64%



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-04 06:46:25

End at: 2018-02-04 06:46:55

Local clock offset: -0.033 ms

Remote clock offset: 3.924 ms

# Below is generated by plot.py at 2018-02-04 11:43:54

# Datalink statistics

-- Total of 1 flow:

Average throughput: 55.13 Mbit/s

95th percentile per-packet one-way delay: 78.890 ms

Loss rate: 0.65%

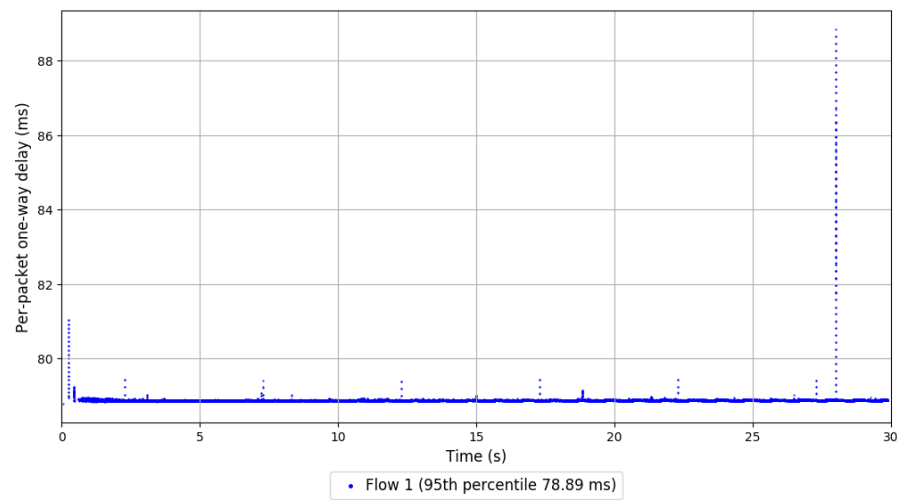
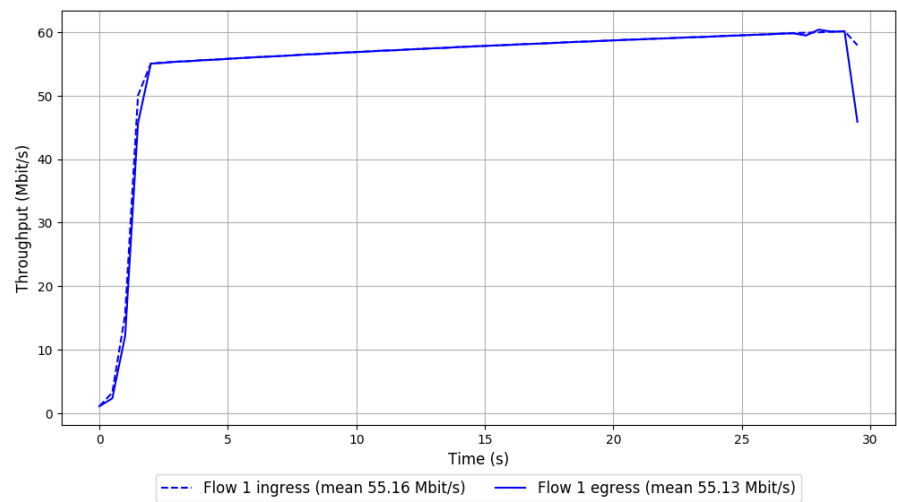
-- Flow 1:

Average throughput: 55.13 Mbit/s

95th percentile per-packet one-way delay: 78.890 ms

Loss rate: 0.65%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-04 07:08:34

End at: 2018-02-04 07:09:04

Local clock offset: -0.056 ms

Remote clock offset: 4.208 ms

# Below is generated by plot.py at 2018-02-04 11:44:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.74 Mbit/s

95th percentile per-packet one-way delay: 80.584 ms

Loss rate: 0.65%

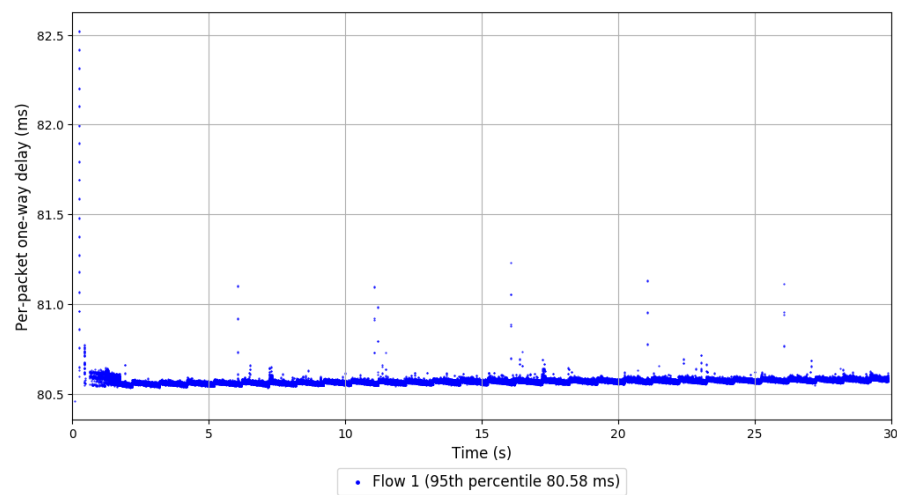
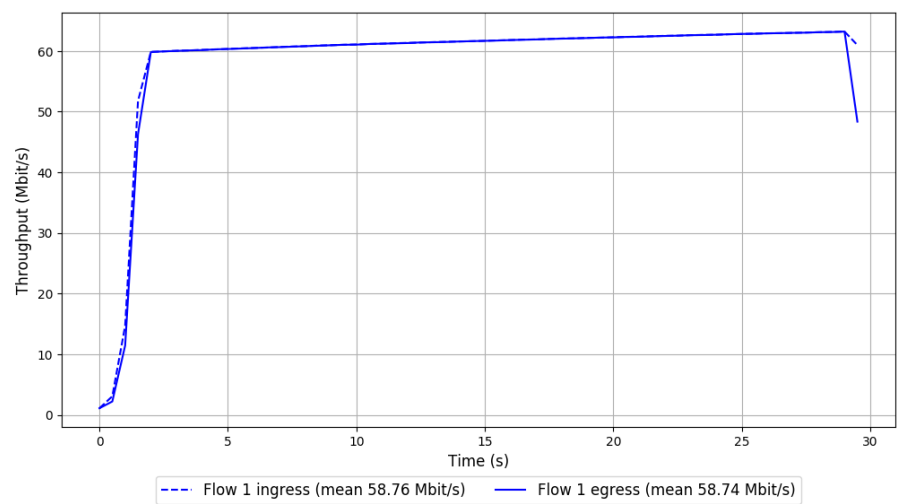
-- Flow 1:

Average throughput: 58.74 Mbit/s

95th percentile per-packet one-way delay: 80.584 ms

Loss rate: 0.65%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-04 07:32:11

End at: 2018-02-04 07:32:41

Local clock offset: -0.091 ms

Remote clock offset: 4.228 ms

# Below is generated by plot.py at 2018-02-04 11:44:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 58.39 Mbit/s

95th percentile per-packet one-way delay: 80.974 ms

Loss rate: 0.65%

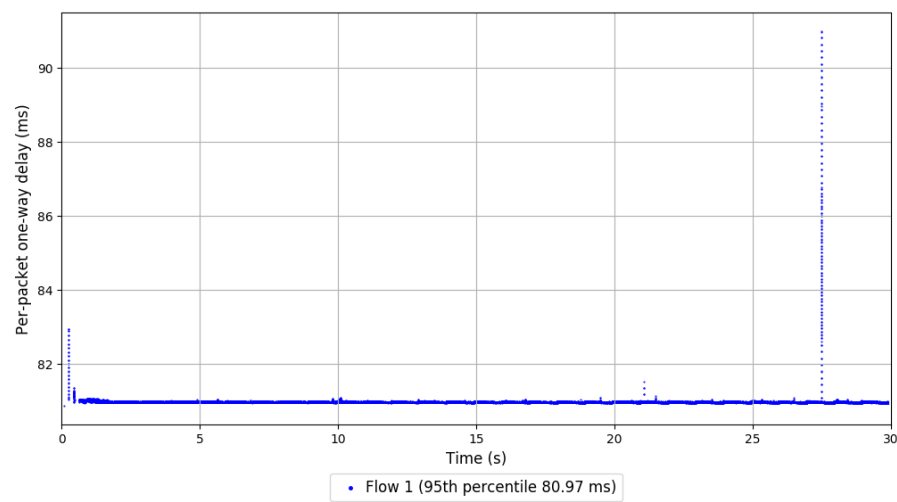
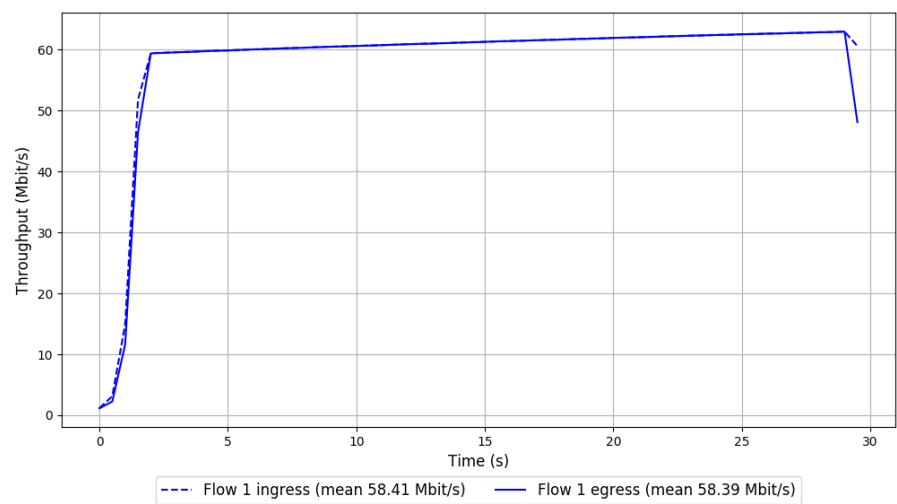
-- Flow 1:

Average throughput: 58.39 Mbit/s

95th percentile per-packet one-way delay: 80.974 ms

Loss rate: 0.65%

Run 10: Report of Copa — Data Link



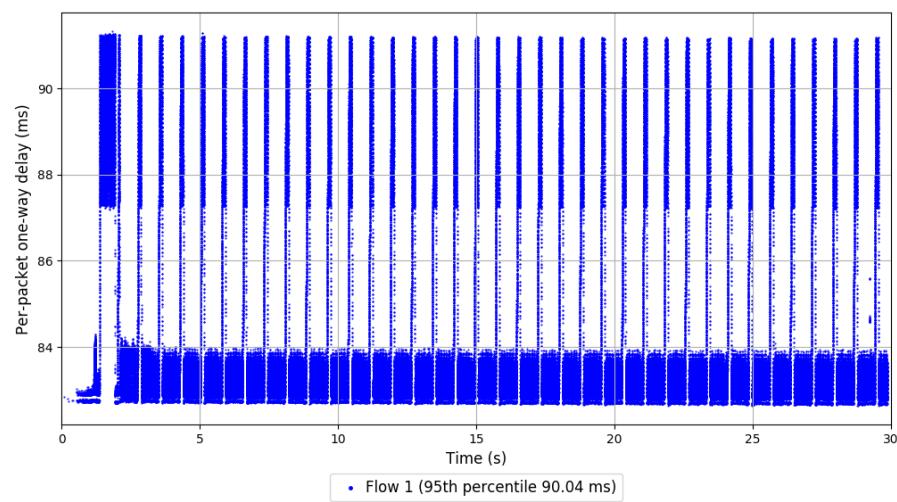
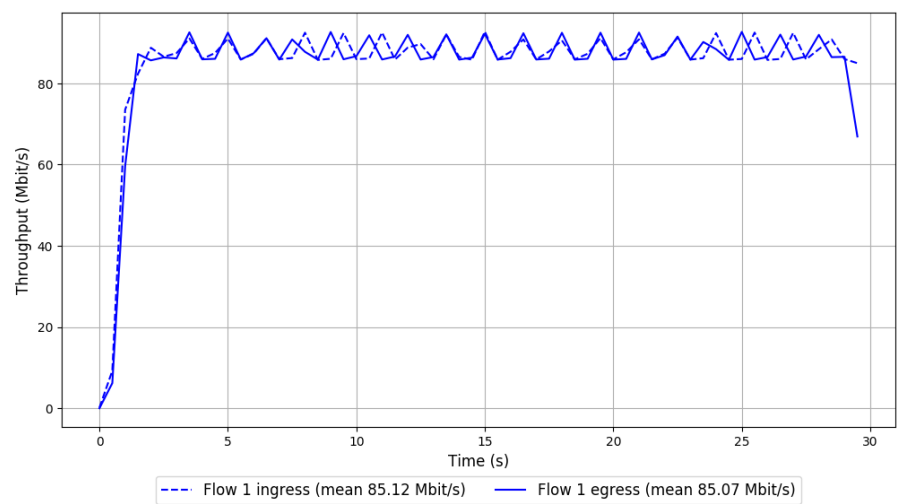
Run 1: Statistics of FillP

Start at: 2018-02-04 04:02:44  
End at: 2018-02-04 04:03:14  
Local clock offset: -0.429 ms  
Remote clock offset: -2.724 ms

# Below is generated by plot.py at 2018-02-04 11:45:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.07 Mbit/s  
95th percentile per-packet one-way delay: 90.038 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 85.07 Mbit/s  
95th percentile per-packet one-way delay: 90.038 ms  
Loss rate: 0.65%



Run 1: Report of FillP — Data Link

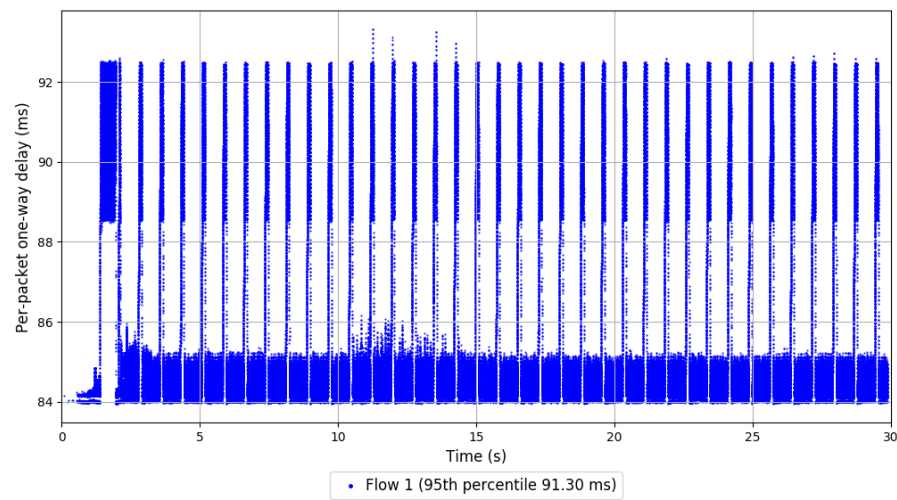
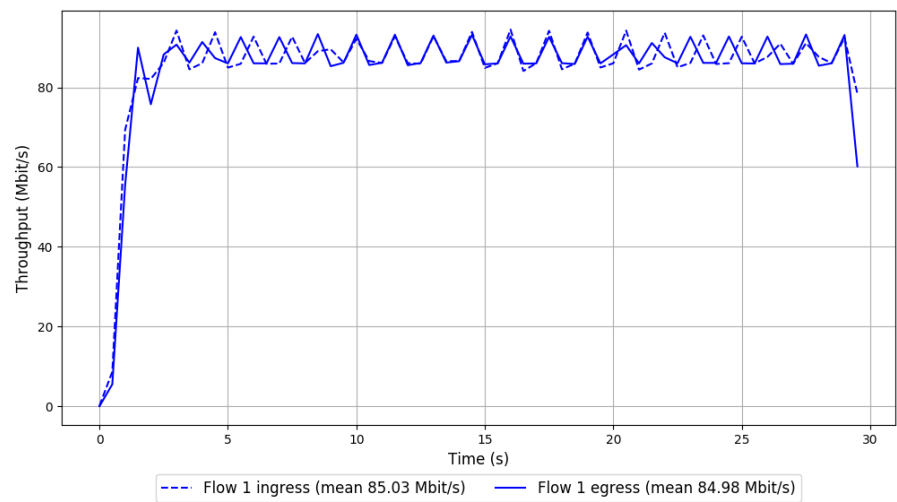


Run 2: Statistics of FillP

Start at: 2018-02-04 04:24:54  
End at: 2018-02-04 04:25:24  
Local clock offset: -0.379 ms  
Remote clock offset: -5.008 ms

# Below is generated by plot.py at 2018-02-04 11:45:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.98 Mbit/s  
95th percentile per-packet one-way delay: 91.301 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 84.98 Mbit/s  
95th percentile per-packet one-way delay: 91.301 ms  
Loss rate: 0.65%

Run 2: Report of FillP — Data Link

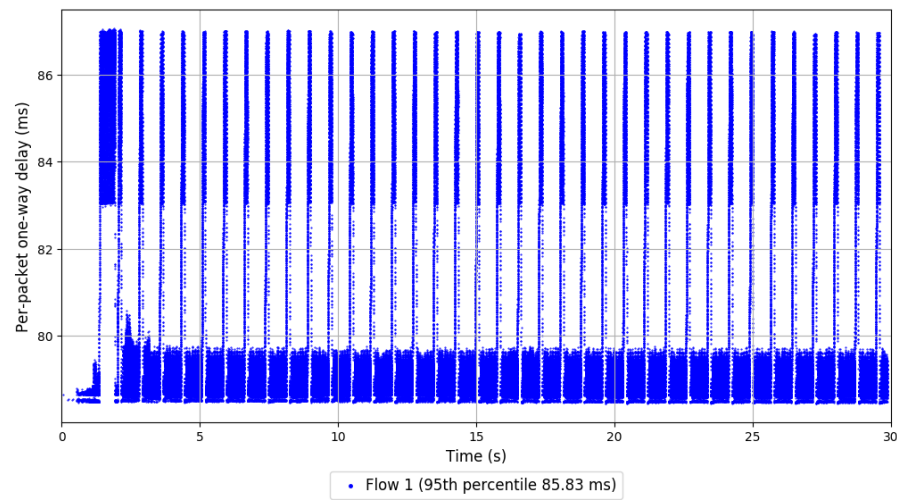
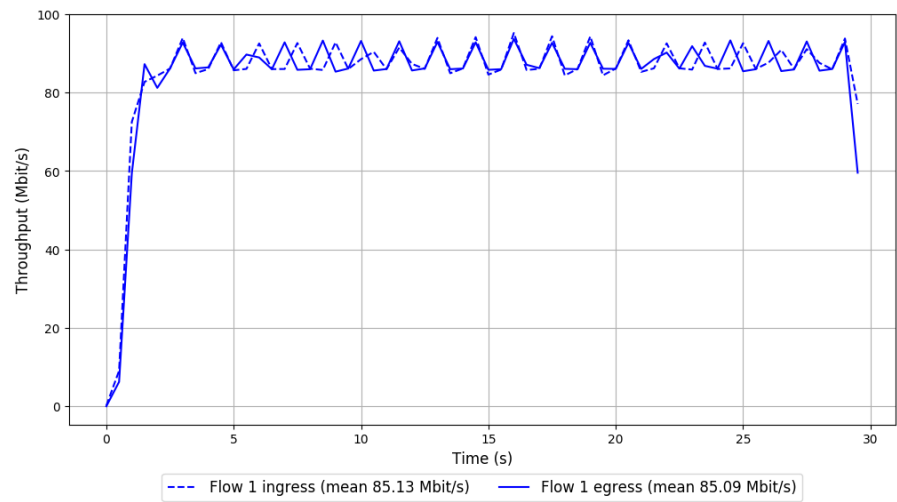


Run 3: Statistics of FillP

Start at: 2018-02-04 04:47:07  
End at: 2018-02-04 04:47:37  
Local clock offset: -0.327 ms  
Remote clock offset: -1.403 ms

# Below is generated by plot.py at 2018-02-04 11:45:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.09 Mbit/s  
95th percentile per-packet one-way delay: 85.830 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 85.09 Mbit/s  
95th percentile per-packet one-way delay: 85.830 ms  
Loss rate: 0.65%

Run 3: Report of FillP — Data Link

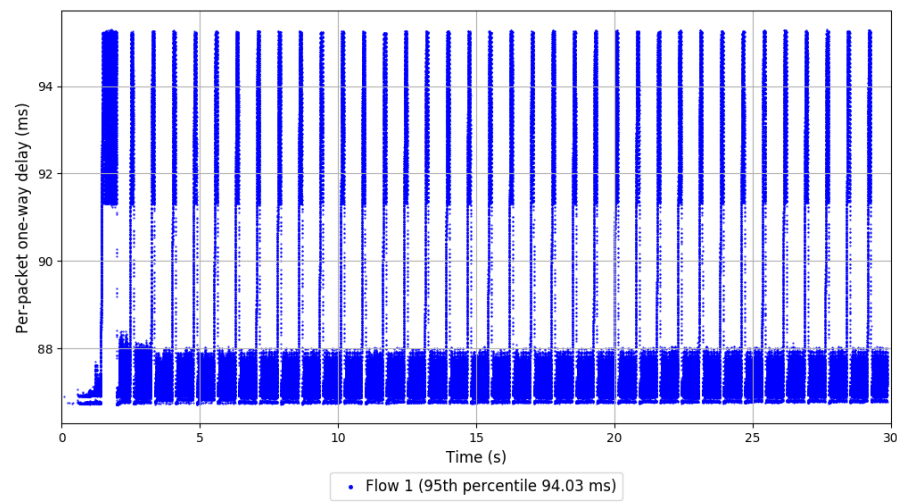
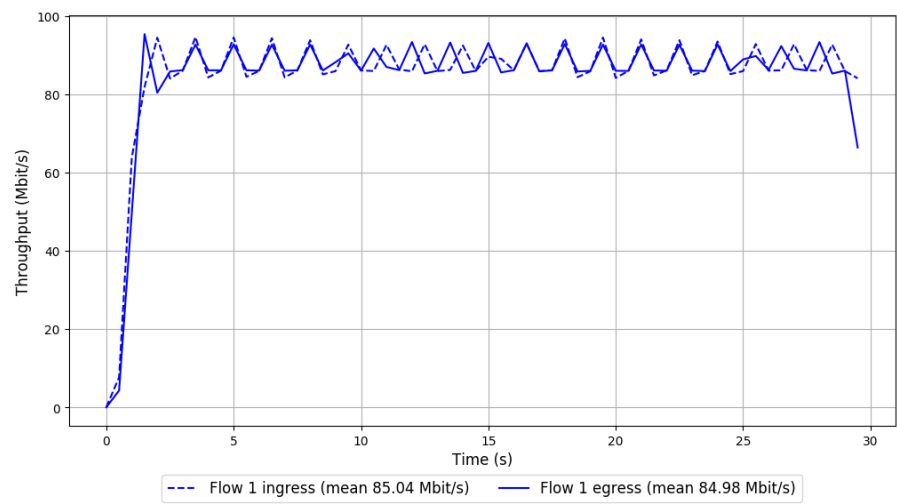


Run 4: Statistics of FillP

Start at: 2018-02-04 05:09:15  
End at: 2018-02-04 05:09:45  
Local clock offset: -0.236 ms  
Remote clock offset: -7.921 ms

# Below is generated by plot.py at 2018-02-04 11:46:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.98 Mbit/s  
95th percentile per-packet one-way delay: 94.031 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 84.98 Mbit/s  
95th percentile per-packet one-way delay: 94.031 ms  
Loss rate: 0.66%

Run 4: Report of FillP — Data Link



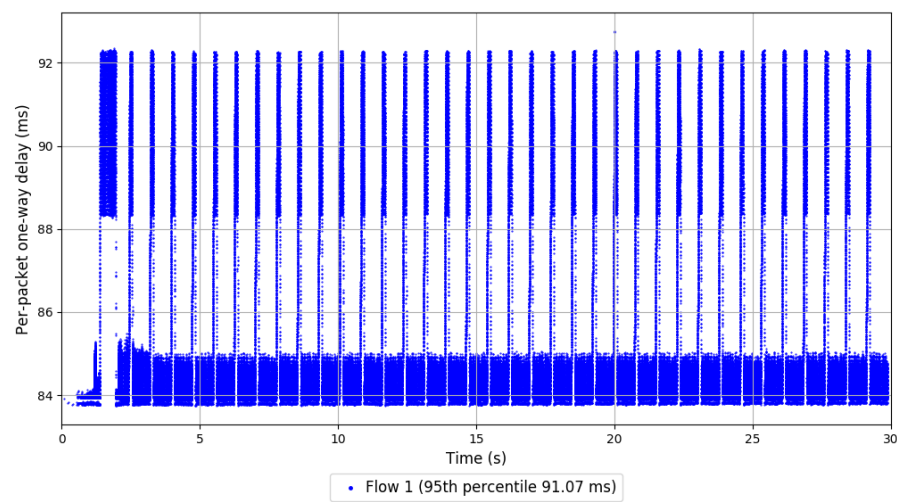
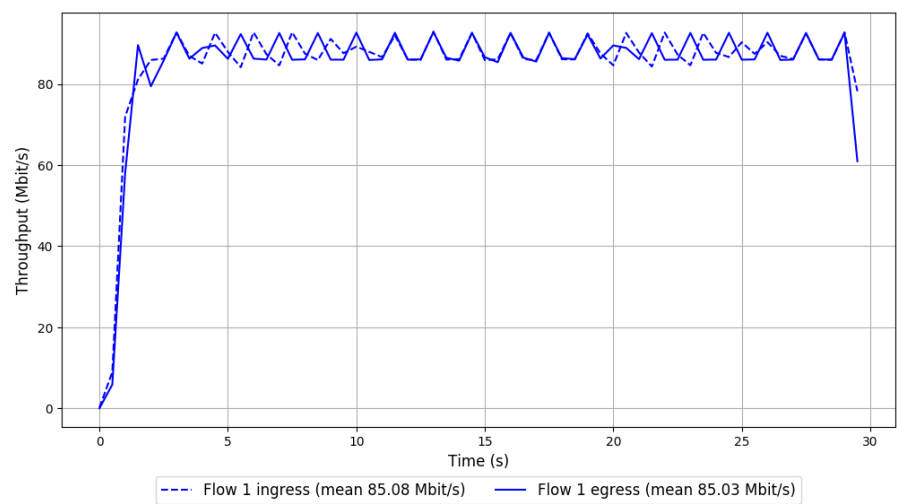
Run 5: Statistics of FillP

Start at: 2018-02-04 05:31:23  
End at: 2018-02-04 05:31:53  
Local clock offset: -0.162 ms  
Remote clock offset: -6.177 ms

# Below is generated by plot.py at 2018-02-04 11:46:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.03 Mbit/s  
95th percentile per-packet one-way delay: 91.069 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 85.03 Mbit/s  
95th percentile per-packet one-way delay: 91.069 ms  
Loss rate: 0.65%



Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-04 05:53:31

End at: 2018-02-04 05:54:01

Local clock offset: -0.089 ms

Remote clock offset: 0.301 ms

# Below is generated by plot.py at 2018-02-04 11:46:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.13 Mbit/s

95th percentile per-packet one-way delay: 86.519 ms

Loss rate: 0.65%

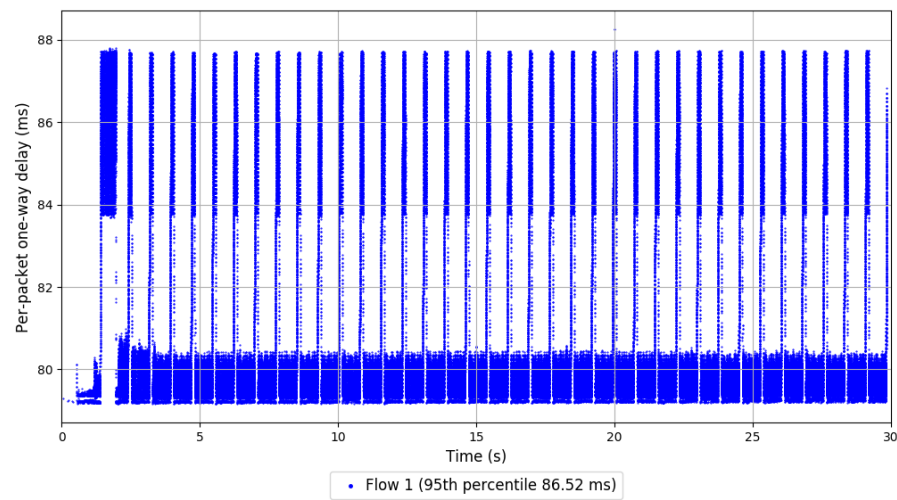
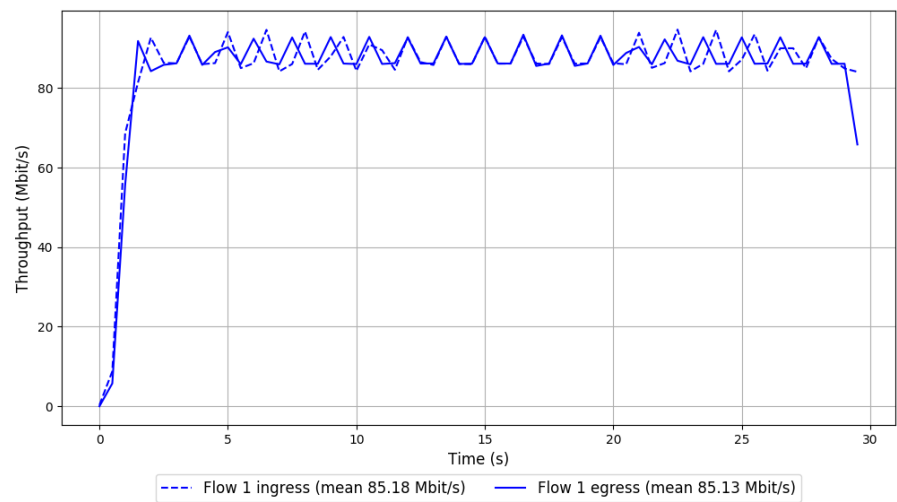
-- Flow 1:

Average throughput: 85.13 Mbit/s

95th percentile per-packet one-way delay: 86.519 ms

Loss rate: 0.65%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-02-04 06:15:39

End at: 2018-02-04 06:16:09

Local clock offset: -0.023 ms

Remote clock offset: 2.041 ms

# Below is generated by plot.py at 2018-02-04 11:46:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.08 Mbit/s

95th percentile per-packet one-way delay: 84.228 ms

Loss rate: 9.38%

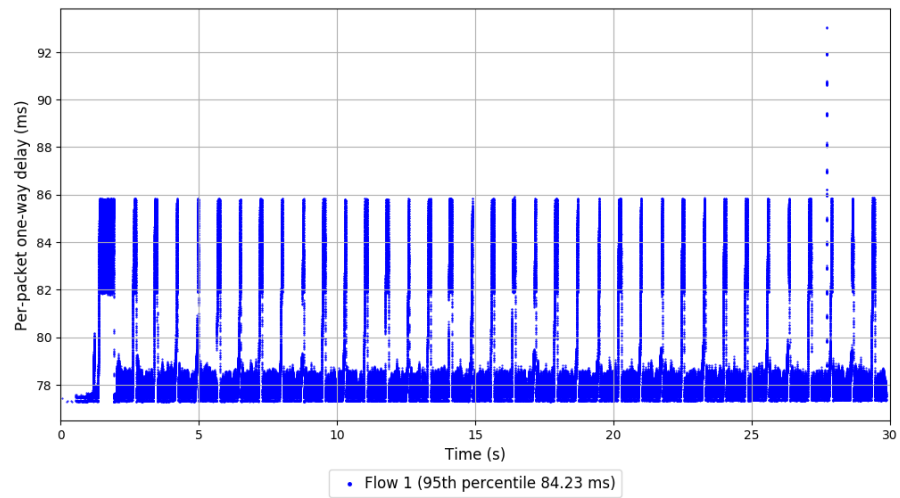
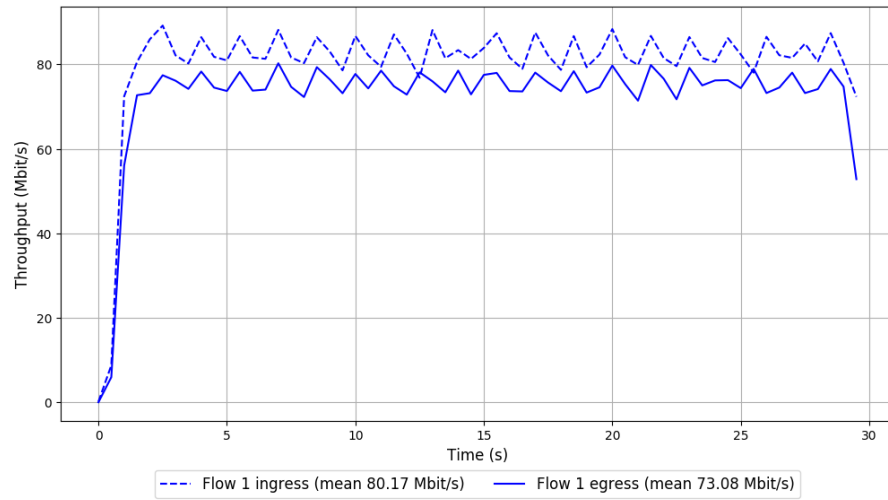
-- Flow 1:

Average throughput: 73.08 Mbit/s

95th percentile per-packet one-way delay: 84.228 ms

Loss rate: 9.38%

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

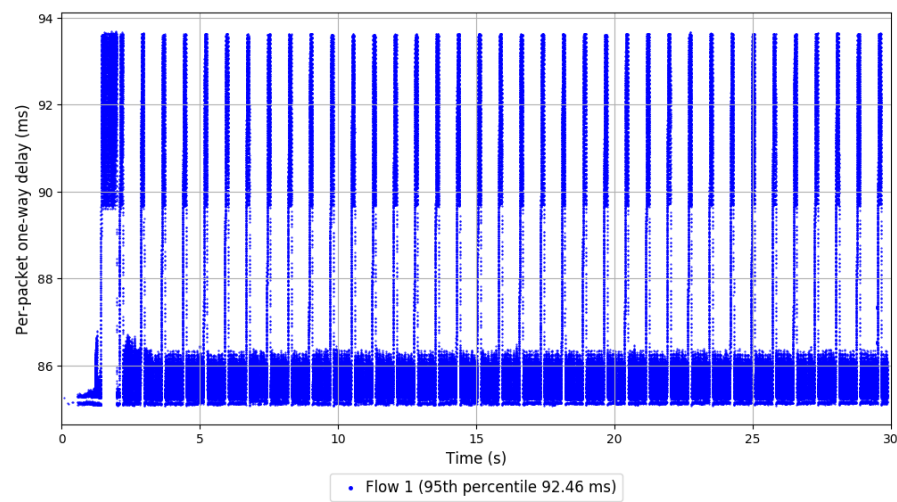
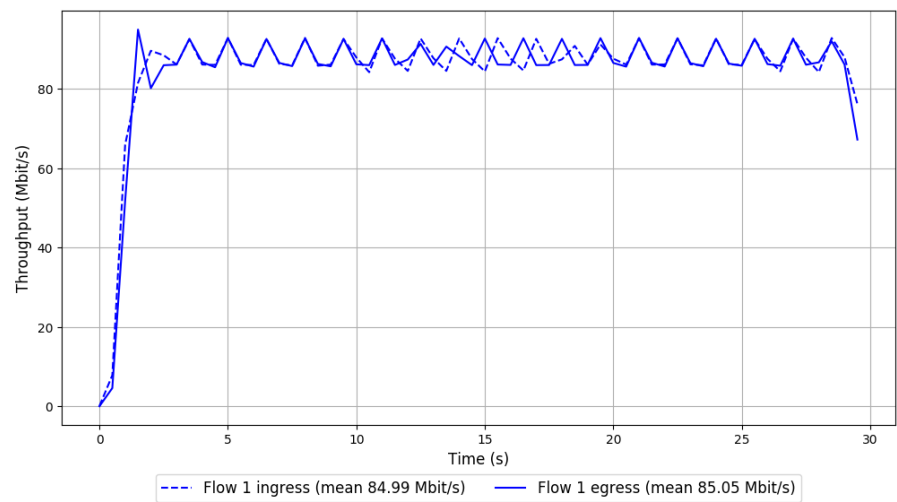


Run 8: Statistics of FillP

Start at: 2018-02-04 06:37:50  
End at: 2018-02-04 06:38:20  
Local clock offset: -0.012 ms  
Remote clock offset: -2.133 ms

# Below is generated by plot.py at 2018-02-04 11:47:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.05 Mbit/s  
95th percentile per-packet one-way delay: 92.456 ms  
Loss rate: 0.52%  
-- Flow 1:  
Average throughput: 85.05 Mbit/s  
95th percentile per-packet one-way delay: 92.456 ms  
Loss rate: 0.52%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-02-04 06:59:58

End at: 2018-02-04 07:00:28

Local clock offset: -0.026 ms

Remote clock offset: 3.313 ms

# Below is generated by plot.py at 2018-02-04 11:47:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.18 Mbit/s

95th percentile per-packet one-way delay: 85.890 ms

Loss rate: 0.52%

-- Flow 1:

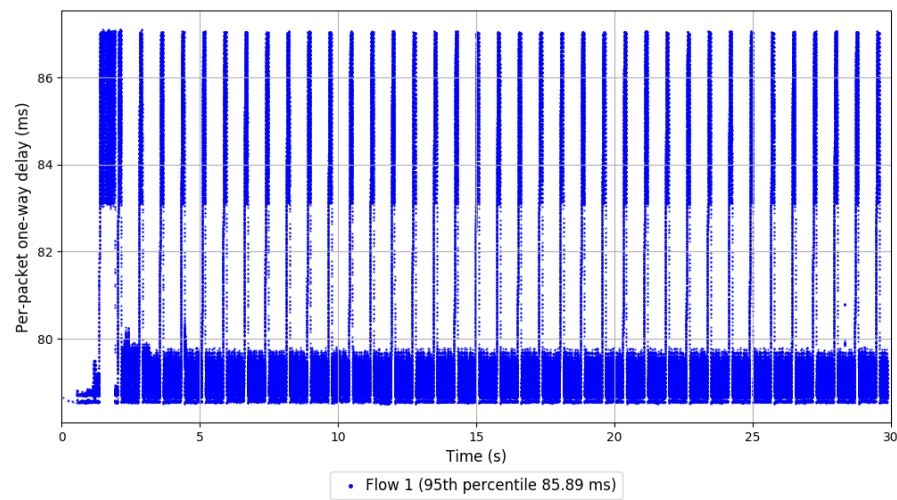
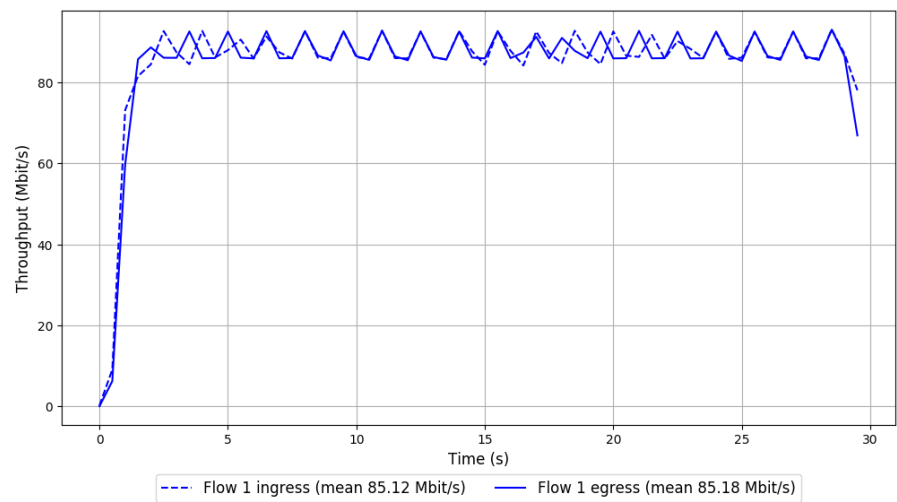
Average throughput: 85.18 Mbit/s

95th percentile per-packet one-way delay: 85.890 ms

Loss rate: 0.52%



Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-04 07:22:18

End at: 2018-02-04 07:22:48

Local clock offset: -0.076 ms

Remote clock offset: 3.161 ms

# Below is generated by plot.py at 2018-02-04 11:48:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.03 Mbit/s

95th percentile per-packet one-way delay: 87.712 ms

Loss rate: 0.68%

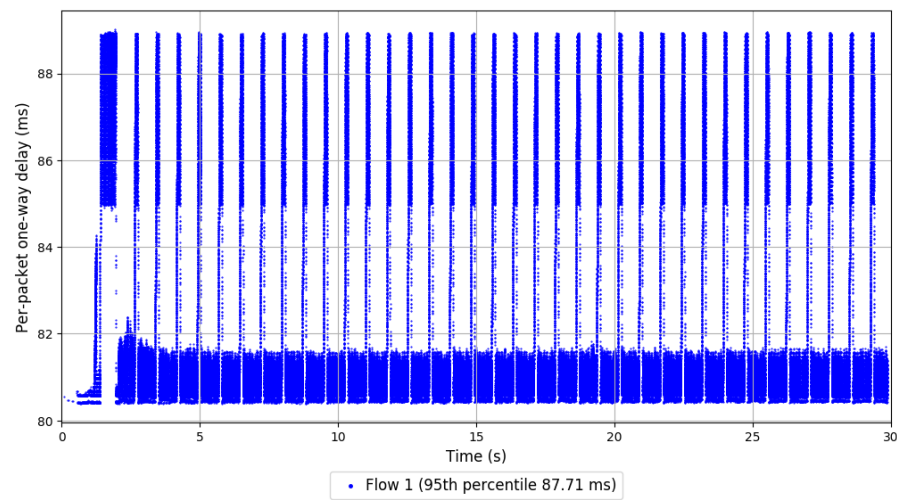
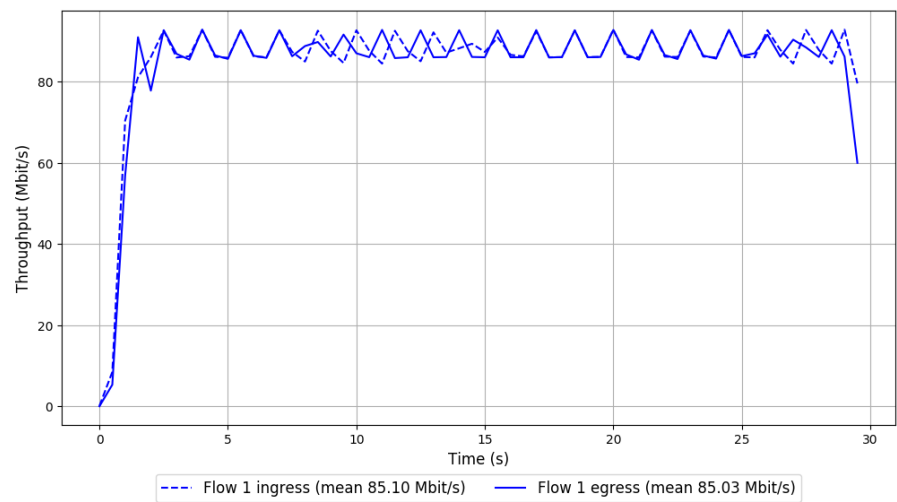
-- Flow 1:

Average throughput: 85.03 Mbit/s

95th percentile per-packet one-way delay: 87.712 ms

Loss rate: 0.68%

Run 10: Report of FillP — Data Link

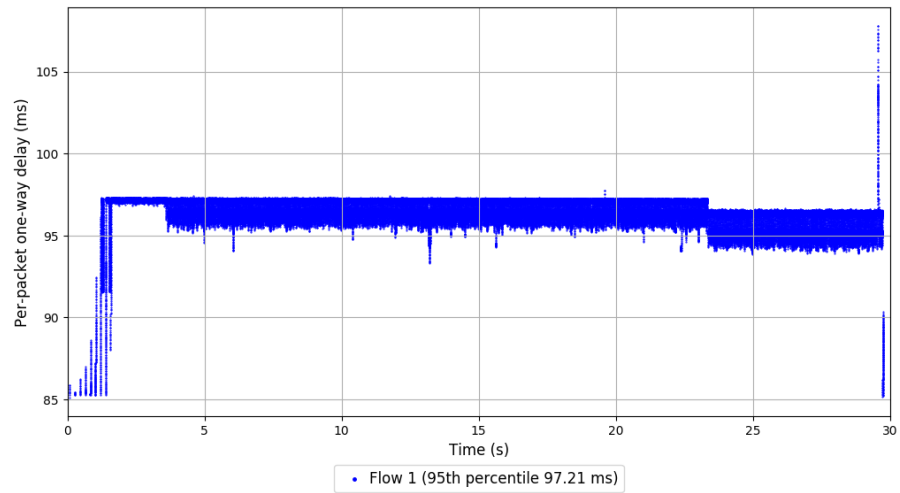
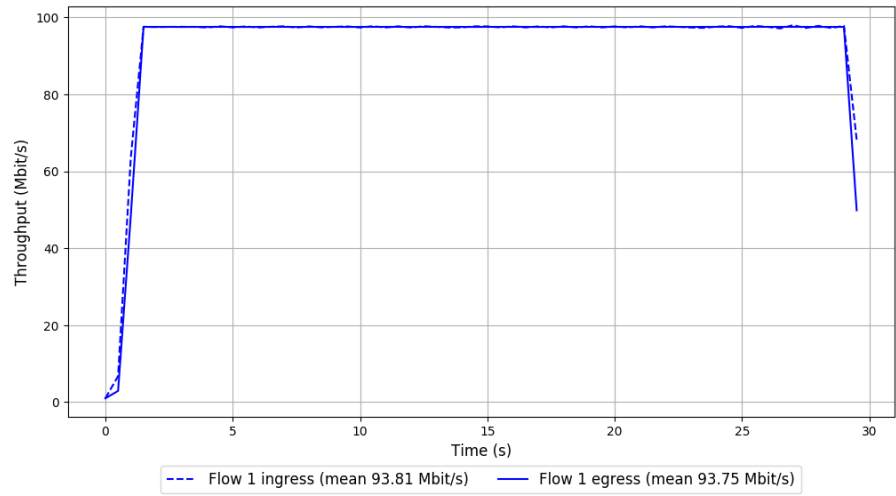


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-04 04:15:03
End at: 2018-02-04 04:15:33
Local clock offset: -0.338 ms
Remote clock offset: -4.157 ms

# Below is generated by plot.py at 2018-02-04 11:48:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 97.212 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 93.75 Mbit/s
95th percentile per-packet one-way delay: 97.212 ms
Loss rate: 0.66%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-04 04:37:18

End at: 2018-02-04 04:37:48

Local clock offset: -0.306 ms

Remote clock offset: -1.59 ms

# Below is generated by plot.py at 2018-02-04 11:48:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.65 Mbit/s

95th percentile per-packet one-way delay: 90.069 ms

Loss rate: 0.66%

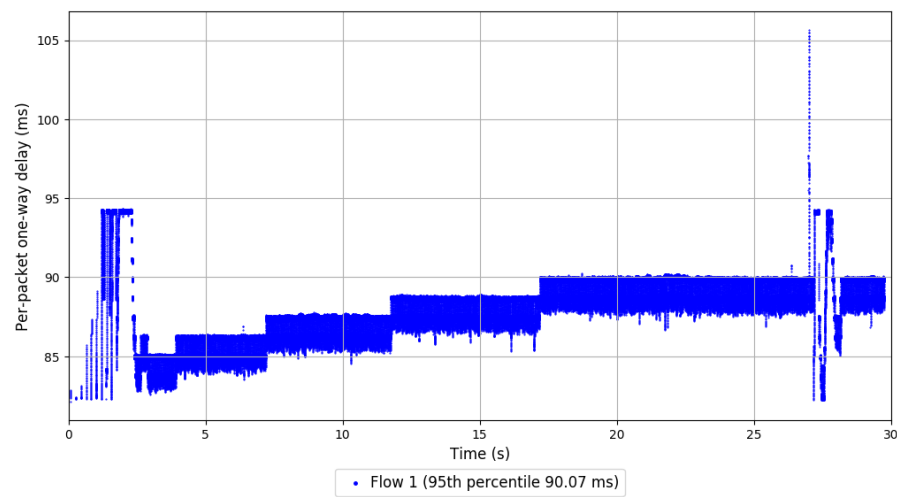
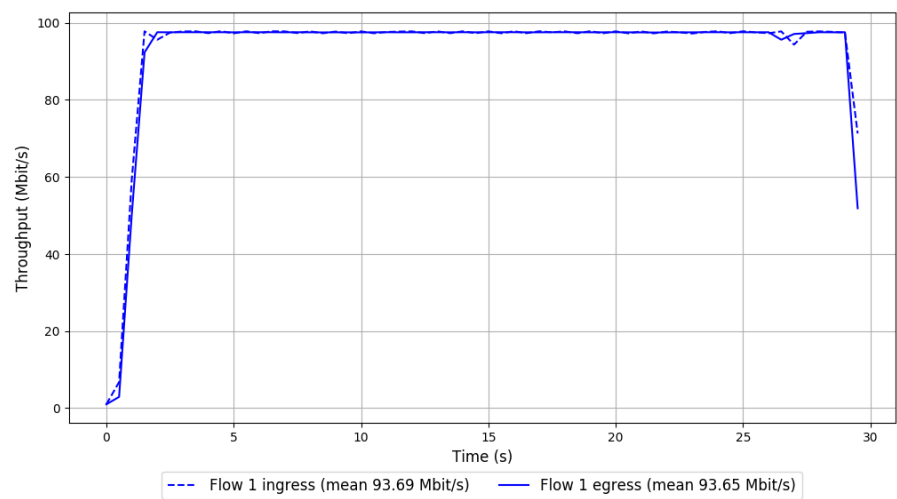
-- Flow 1:

Average throughput: 93.65 Mbit/s

95th percentile per-packet one-way delay: 90.069 ms

Loss rate: 0.66%

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



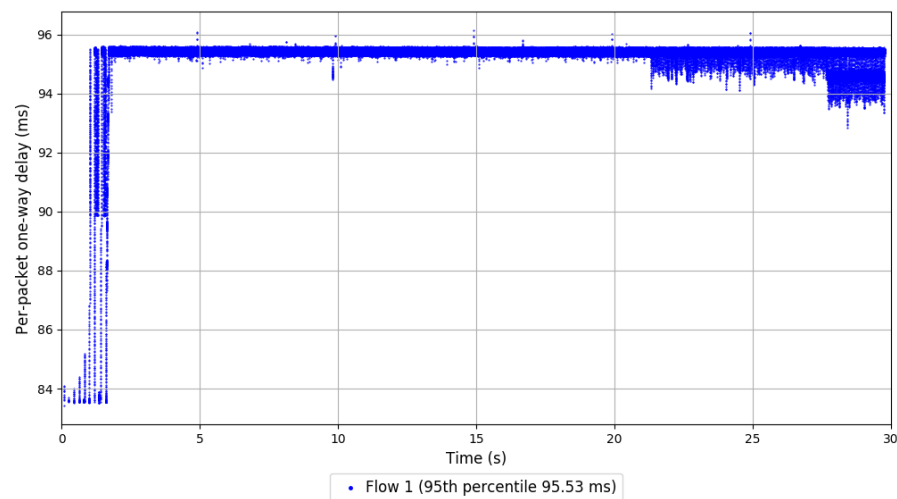
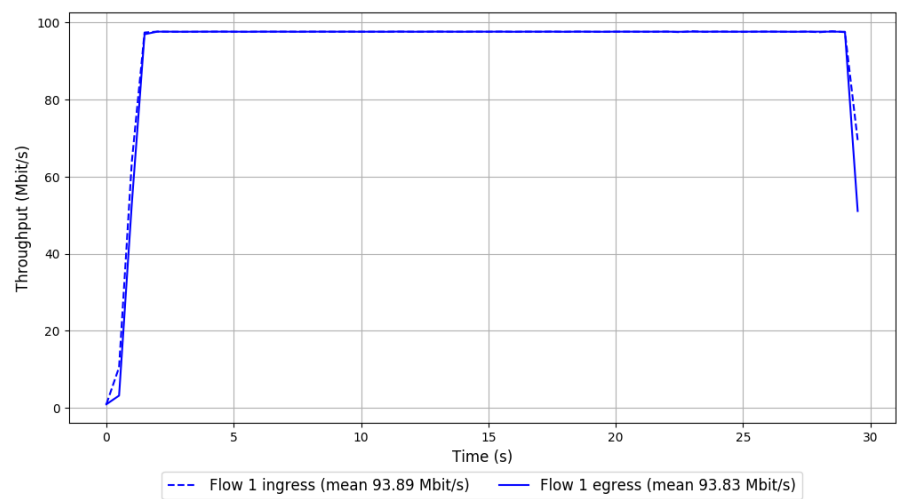
Run 3: Statistics of Indigo-1-32

Start at: 2018-02-04 04:59:25  
End at: 2018-02-04 04:59:55  
Local clock offset: -0.232 ms  
Remote clock offset: -6.928 ms

# Below is generated by plot.py at 2018-02-04 11:48:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.83 Mbit/s  
95th percentile per-packet one-way delay: 95.532 ms  
Loss rate: 0.66%  
-- Flow 1:  
Average throughput: 93.83 Mbit/s  
95th percentile per-packet one-way delay: 95.532 ms  
Loss rate: 0.66%



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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-04 05:21:33

End at: 2018-02-04 05:22:03

Local clock offset: -0.193 ms

Remote clock offset: -1.519 ms

# Below is generated by plot.py at 2018-02-04 11:48:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.48 Mbit/s

95th percentile per-packet one-way delay: 92.310 ms

Loss rate: 0.66%

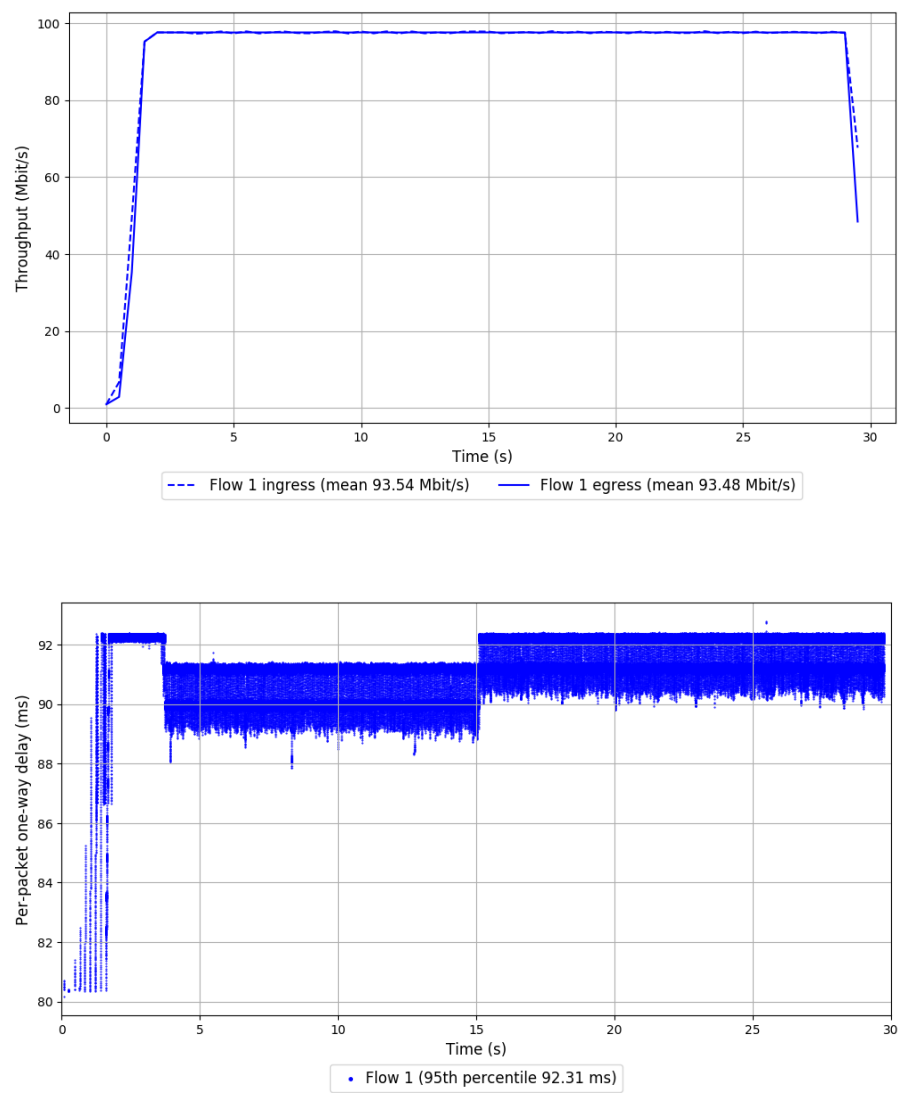
-- Flow 1:

Average throughput: 93.48 Mbit/s

95th percentile per-packet one-way delay: 92.310 ms

Loss rate: 0.66%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-04 05:43:42

End at: 2018-02-04 05:44:12

Local clock offset: -0.093 ms

Remote clock offset: -0.301 ms

# Below is generated by plot.py at 2018-02-04 11:48:04

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 87.661 ms

Loss rate: 0.64%

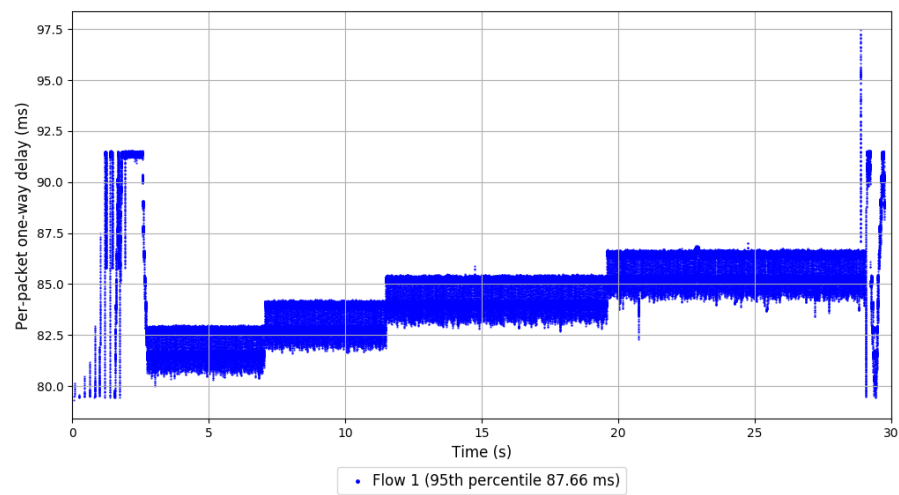
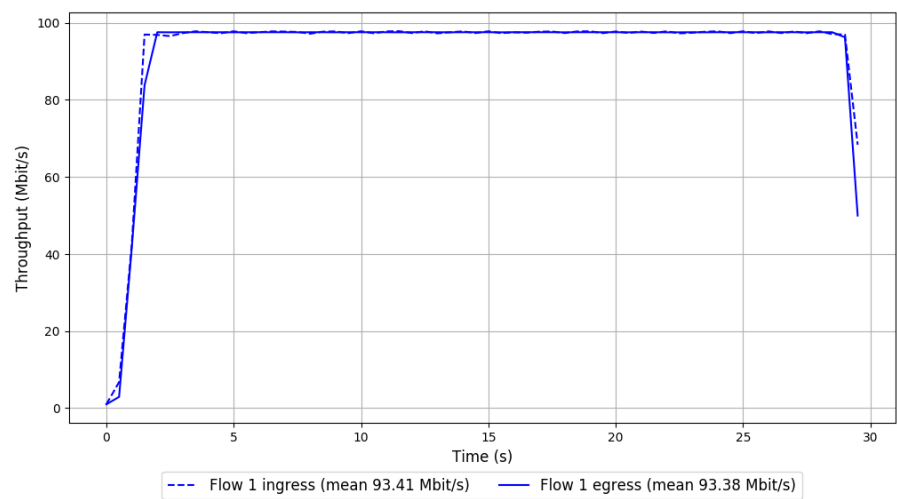
-- Flow 1:

Average throughput: 93.38 Mbit/s

95th percentile per-packet one-way delay: 87.661 ms

Loss rate: 0.64%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-04 06:05:50

End at: 2018-02-04 06:06:20

Local clock offset: 0.004 ms

Remote clock offset: -4.843 ms

# Below is generated by plot.py at 2018-02-04 11:48:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.72 Mbit/s

95th percentile per-packet one-way delay: 96.518 ms

Loss rate: 0.65%

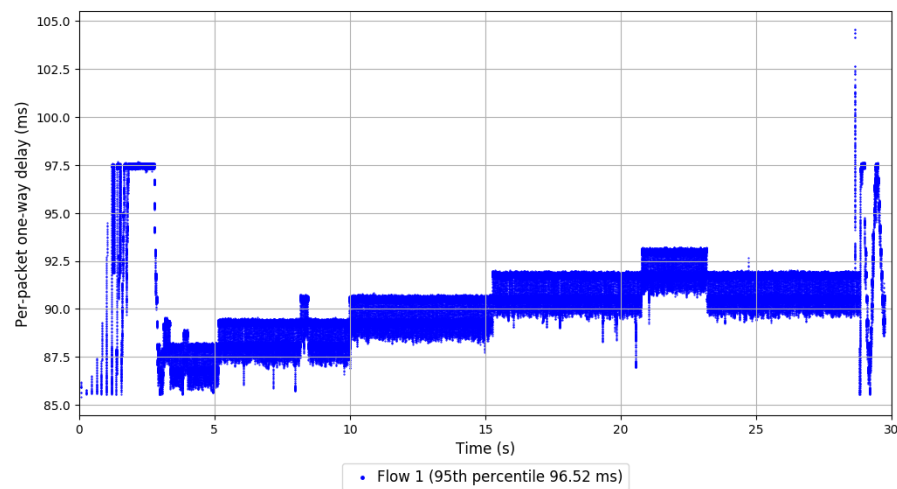
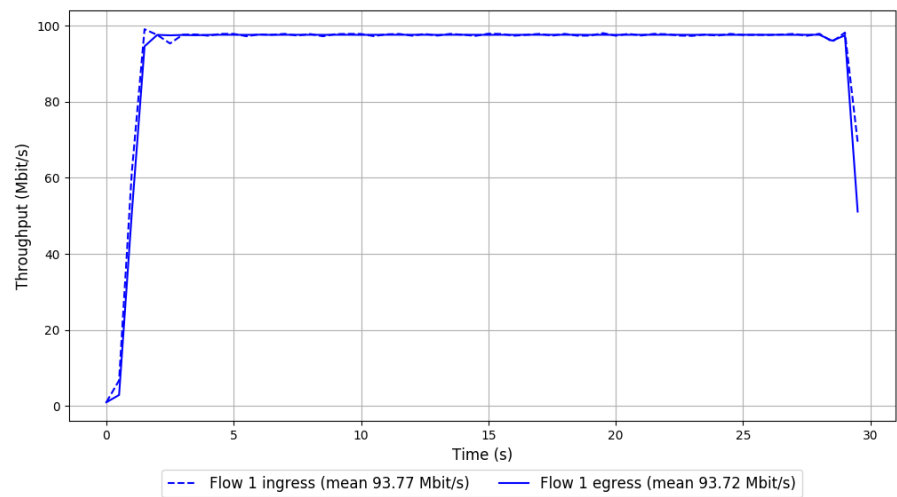
-- Flow 1:

Average throughput: 93.72 Mbit/s

95th percentile per-packet one-way delay: 96.518 ms

Loss rate: 0.65%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-04 06:28:00

End at: 2018-02-04 06:28:30

Local clock offset: -0.02 ms

Remote clock offset: -2.64 ms

# Below is generated by plot.py at 2018-02-04 11:48:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.56 Mbit/s

95th percentile per-packet one-way delay: 95.610 ms

Loss rate: 0.66%

-- Flow 1:

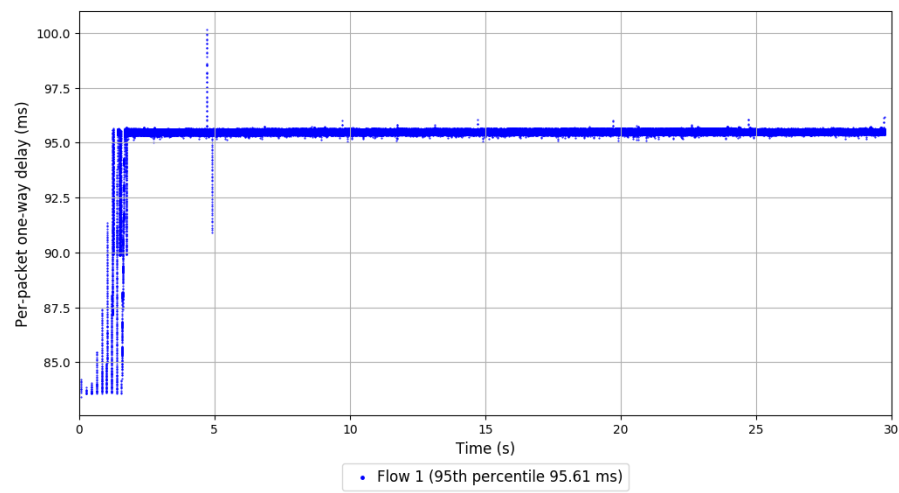
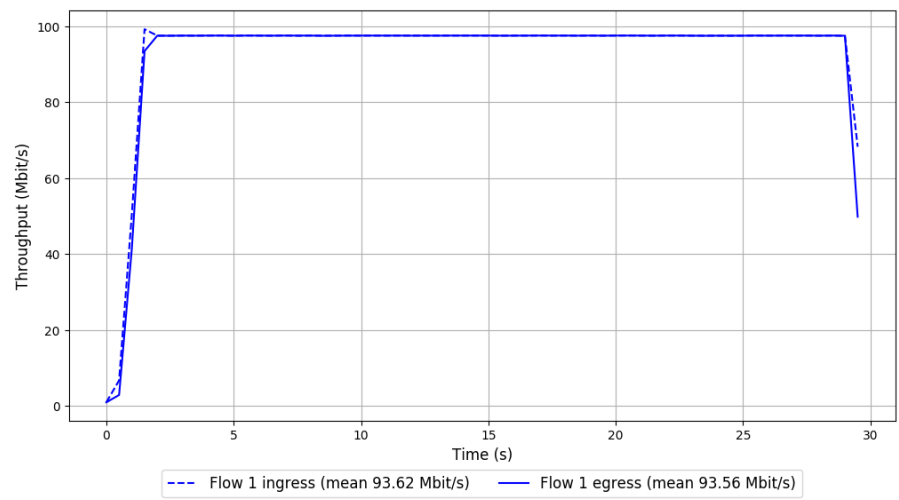
Average throughput: 93.56 Mbit/s

95th percentile per-packet one-way delay: 95.610 ms

Loss rate: 0.66%



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

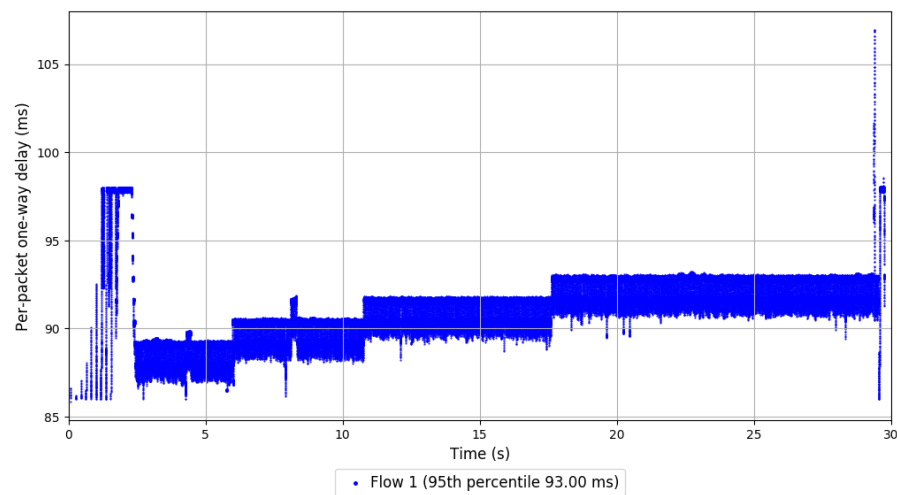
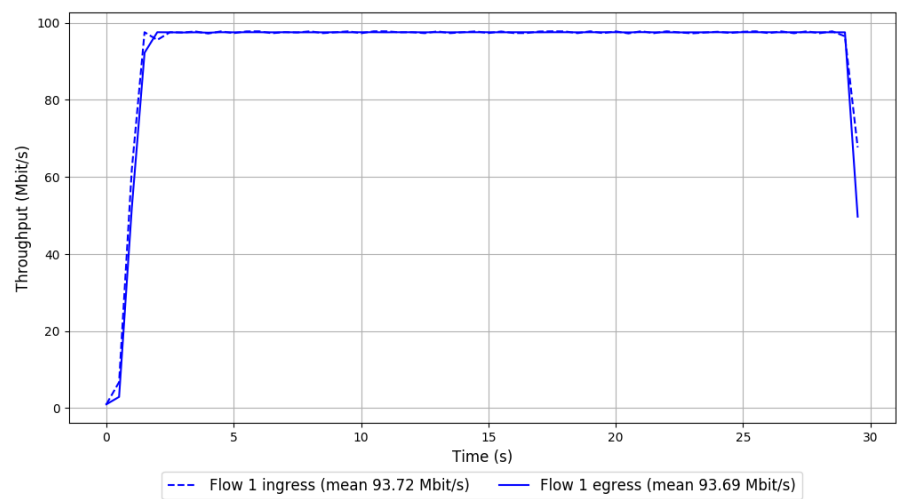


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-04 06:50:08  
End at: 2018-02-04 06:50:38  
Local clock offset: -0.031 ms  
Remote clock offset: -2.604 ms

# Below is generated by plot.py at 2018-02-04 11:48:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.69 Mbit/s  
95th percentile per-packet one-way delay: 92.995 ms  
Loss rate: 0.63%  
-- Flow 1:  
Average throughput: 93.69 Mbit/s  
95th percentile per-packet one-way delay: 92.995 ms  
Loss rate: 0.63%

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

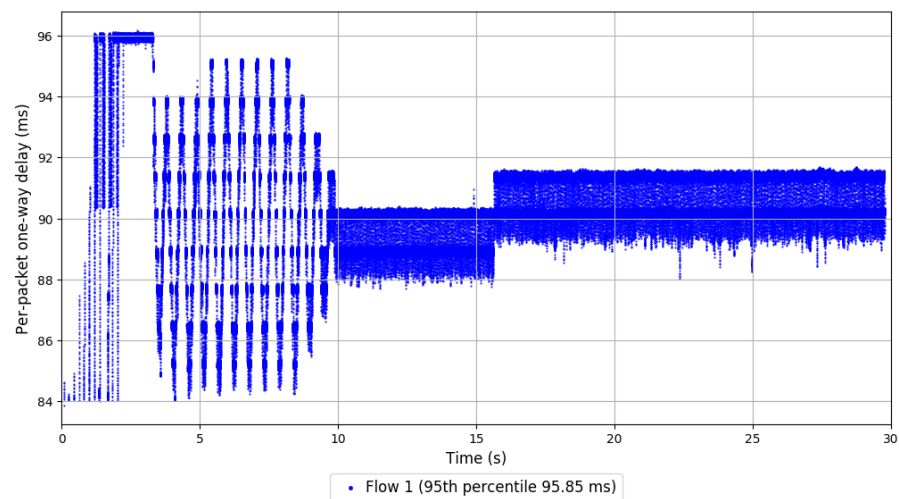
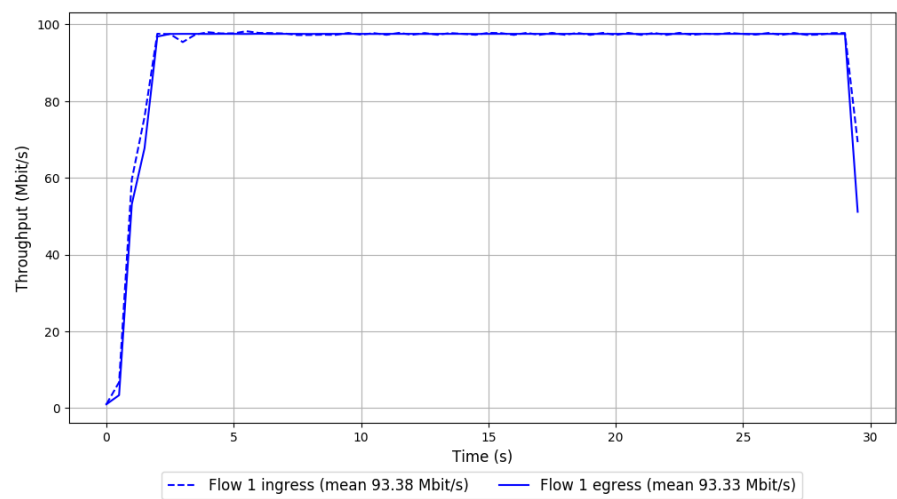


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-04 07:12:19  
End at: 2018-02-04 07:12:49  
Local clock offset: -0.044 ms  
Remote clock offset: -2.156 ms

# Below is generated by plot.py at 2018-02-04 11:48:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.33 Mbit/s  
95th percentile per-packet one-way delay: 95.854 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 93.33 Mbit/s  
95th percentile per-packet one-way delay: 95.854 ms  
Loss rate: 0.65%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-04 07:36:14

End at: 2018-02-04 07:36:44

Local clock offset: -0.144 ms

Remote clock offset: 4.083 ms

# Below is generated by plot.py at 2018-02-04 11:48:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 90.283 ms

Loss rate: 0.66%

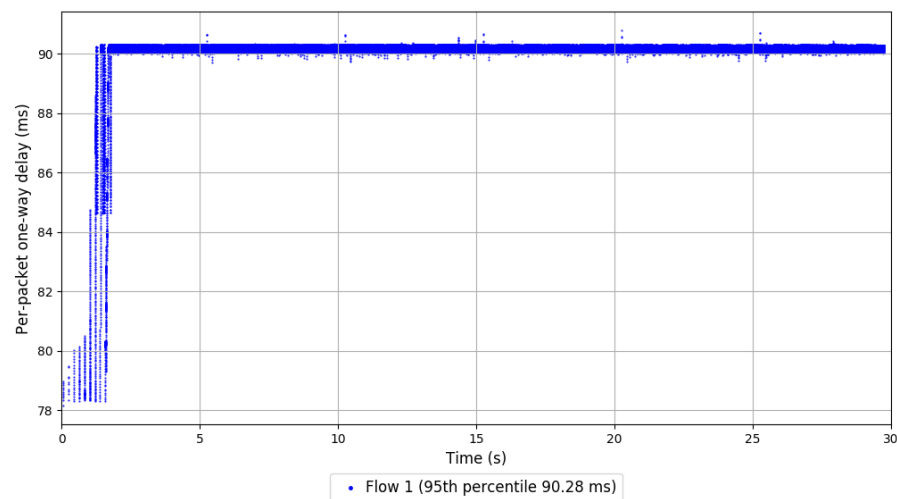
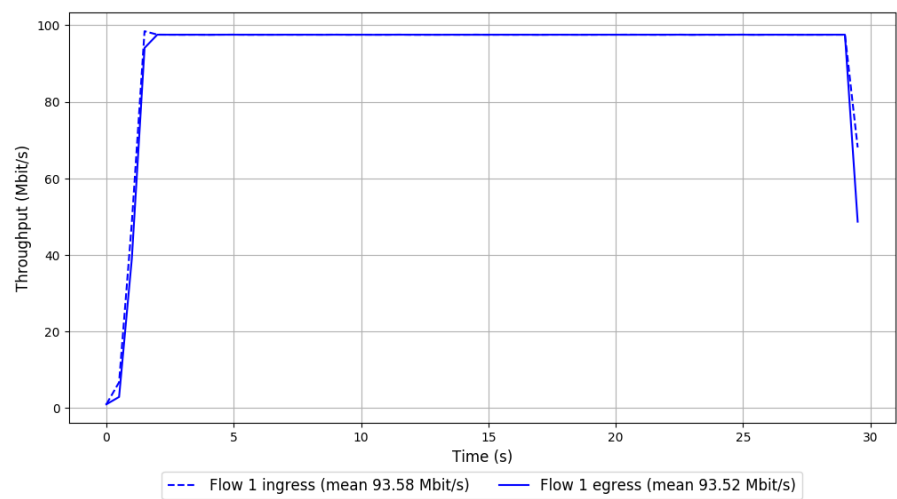
-- Flow 1:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 90.283 ms

Loss rate: 0.66%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-02-04 04:16:20

End at: 2018-02-04 04:16:50

Local clock offset: -0.406 ms

Remote clock offset: 0.517 ms

# Below is generated by plot.py at 2018-02-04 11:49:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.15 Mbit/s

95th percentile per-packet one-way delay: 91.599 ms

Loss rate: 0.74%

-- Flow 1:

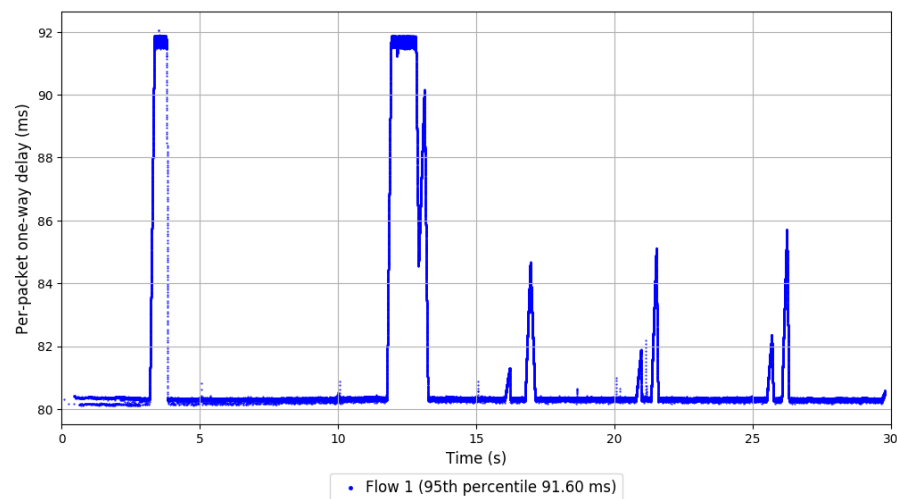
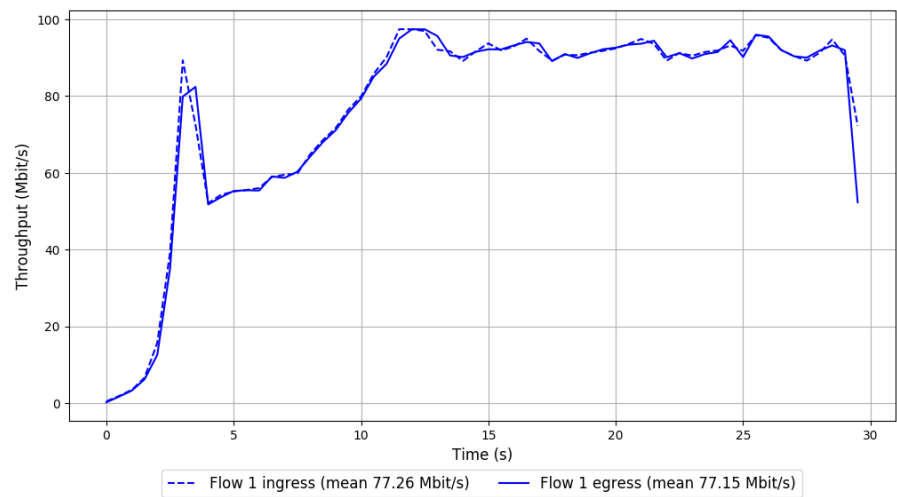
Average throughput: 77.15 Mbit/s

95th percentile per-packet one-way delay: 91.599 ms

Loss rate: 0.74%



Run 1: Report of Vivace-latency — Data Link

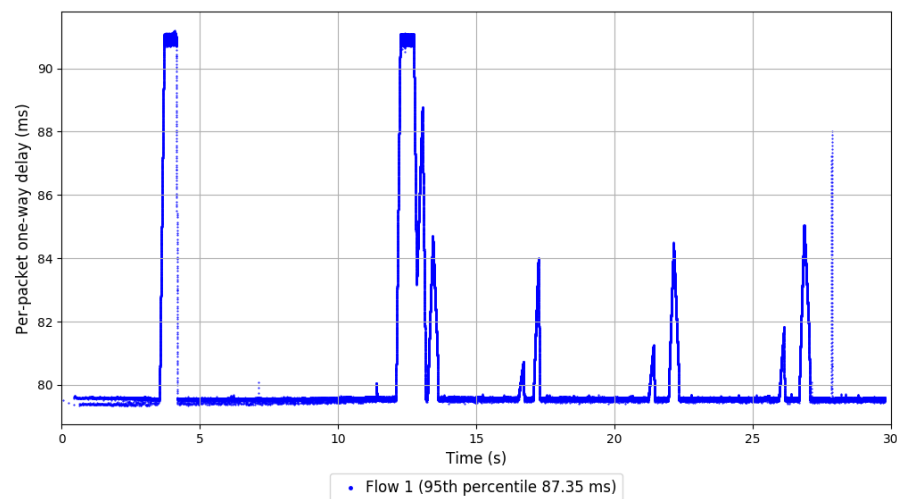
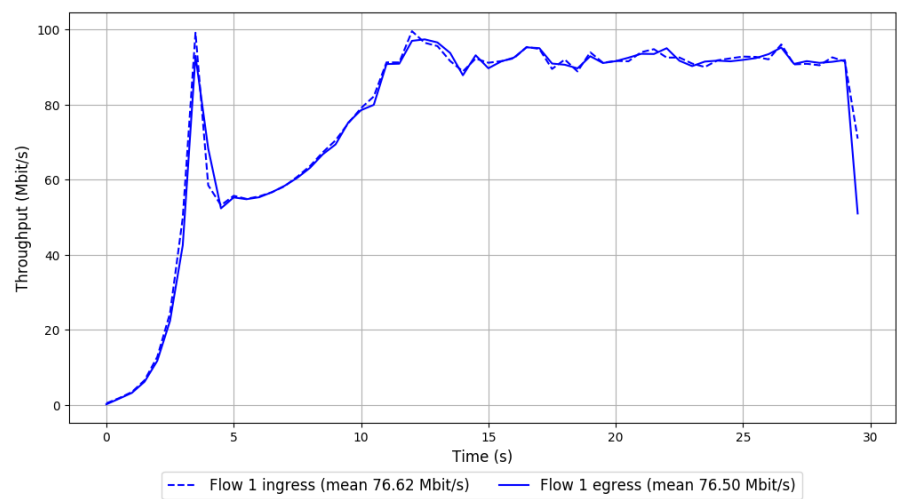


Run 2: Statistics of Vivace-latency

Start at: 2018-02-04 04:38:34  
End at: 2018-02-04 04:39:04  
Local clock offset: -0.366 ms  
Remote clock offset: -0.709 ms

# Below is generated by plot.py at 2018-02-04 11:49:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.50 Mbit/s  
95th percentile per-packet one-way delay: 87.353 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 76.50 Mbit/s  
95th percentile per-packet one-way delay: 87.353 ms  
Loss rate: 0.75%

Run 2: Report of Vivace-latency — Data Link

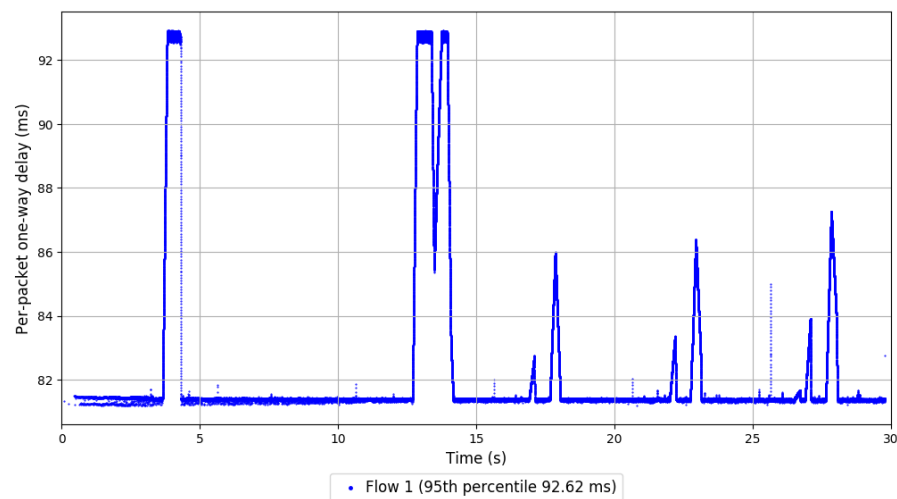
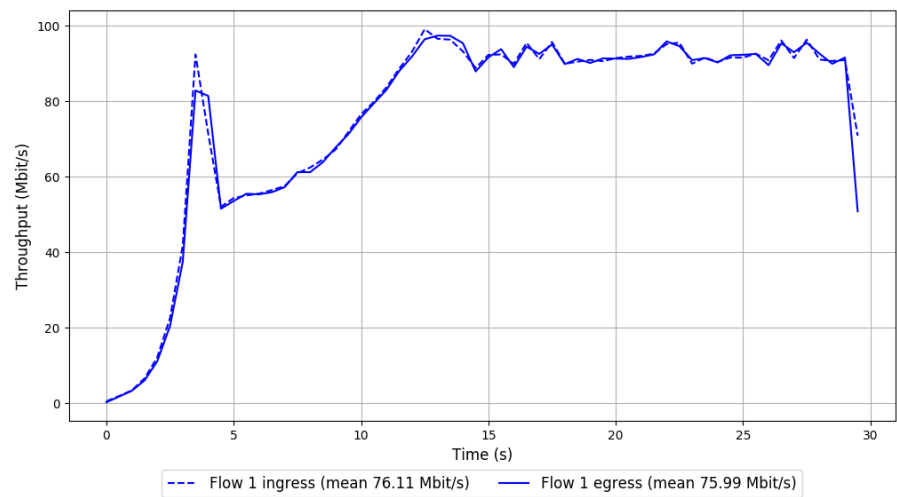


Run 3: Statistics of Vivace-latency

Start at: 2018-02-04 05:00:41  
End at: 2018-02-04 05:01:11  
Local clock offset: -0.234 ms  
Remote clock offset: -2.243 ms

# Below is generated by plot.py at 2018-02-04 11:49:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.99 Mbit/s  
95th percentile per-packet one-way delay: 92.621 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 75.99 Mbit/s  
95th percentile per-packet one-way delay: 92.621 ms  
Loss rate: 0.75%

Run 3: Report of Vivace-latency — Data Link

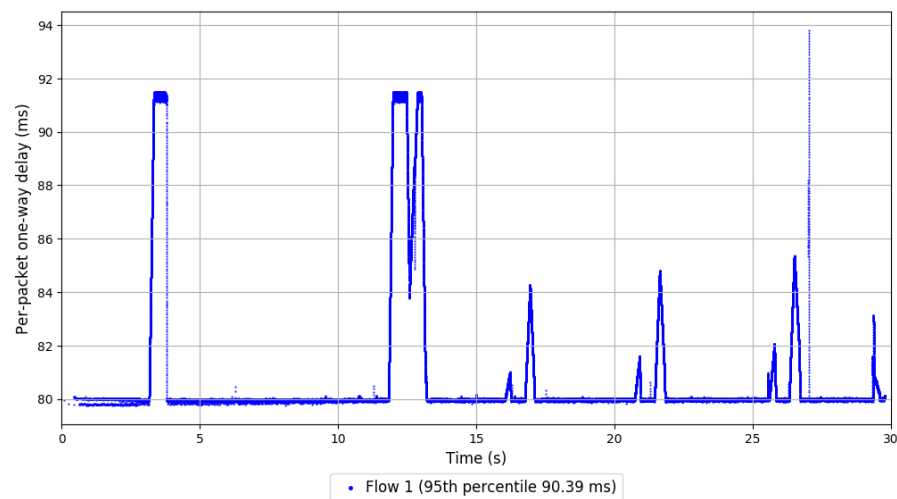
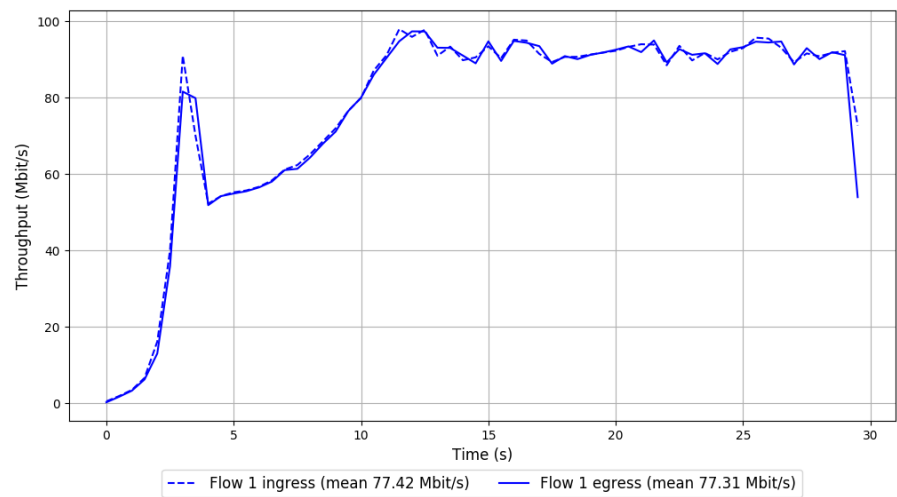


Run 4: Statistics of Vivace-latency

Start at: 2018-02-04 05:22:49  
End at: 2018-02-04 05:23:19  
Local clock offset: -0.239 ms  
Remote clock offset: -1.551 ms

# Below is generated by plot.py at 2018-02-04 11:49:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.31 Mbit/s  
95th percentile per-packet one-way delay: 90.389 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 77.31 Mbit/s  
95th percentile per-packet one-way delay: 90.389 ms  
Loss rate: 0.74%

Run 4: Report of Vivace-latency — Data Link



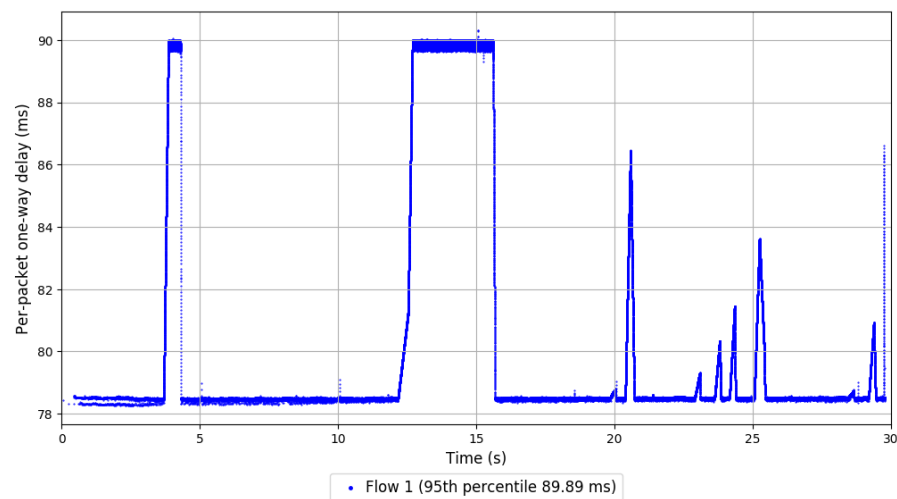
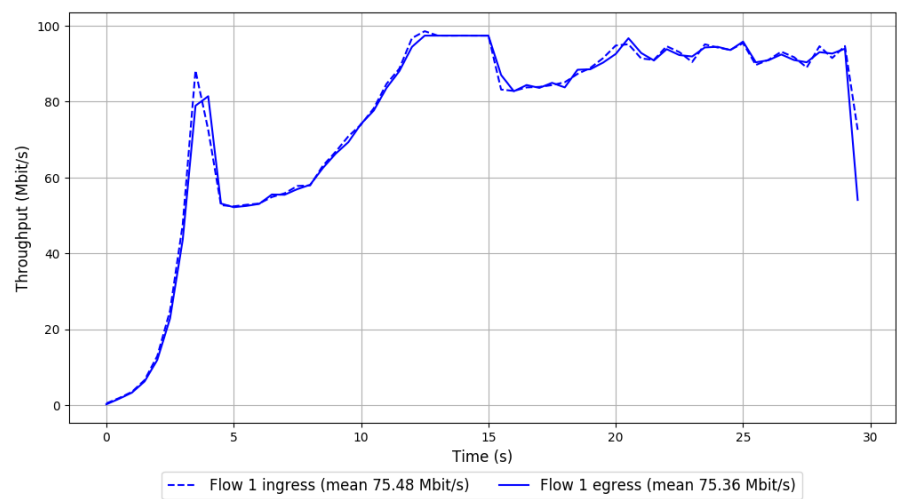
Run 5: Statistics of Vivace-latency

Start at: 2018-02-04 05:44:58  
End at: 2018-02-04 05:45:28  
Local clock offset: -0.187 ms  
Remote clock offset: -0.219 ms

# Below is generated by plot.py at 2018-02-04 11:49:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.36 Mbit/s  
95th percentile per-packet one-way delay: 89.890 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 75.36 Mbit/s  
95th percentile per-packet one-way delay: 89.890 ms  
Loss rate: 0.74%



Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-04 06:07:06

End at: 2018-02-04 06:07:36

Local clock offset: 0.001 ms

Remote clock offset: 0.986 ms

# Below is generated by plot.py at 2018-02-04 11:50:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.77 Mbit/s

95th percentile per-packet one-way delay: 90.850 ms

Loss rate: 0.68%

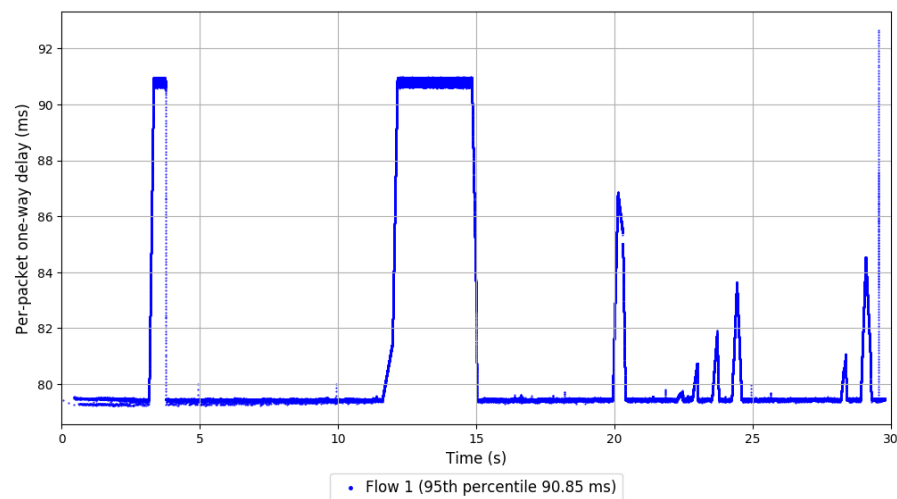
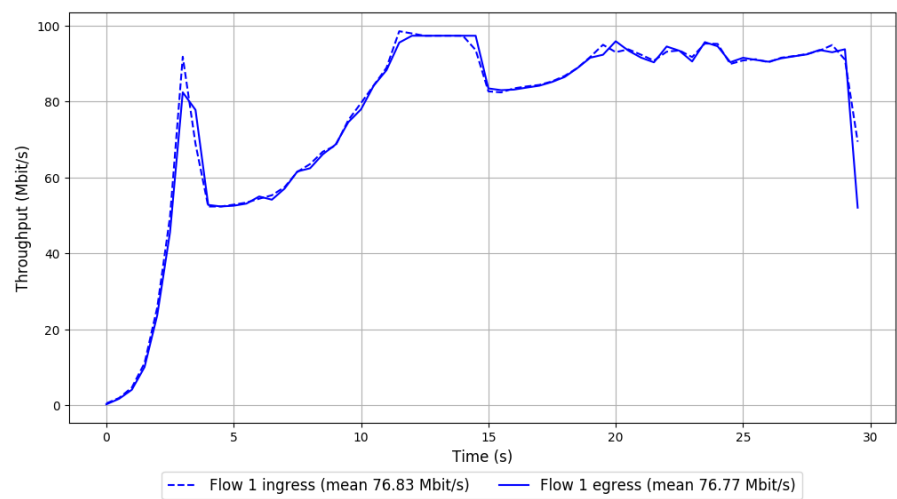
-- Flow 1:

Average throughput: 76.77 Mbit/s

95th percentile per-packet one-way delay: 90.850 ms

Loss rate: 0.68%

Run 6: Report of Vivace-latency — Data Link

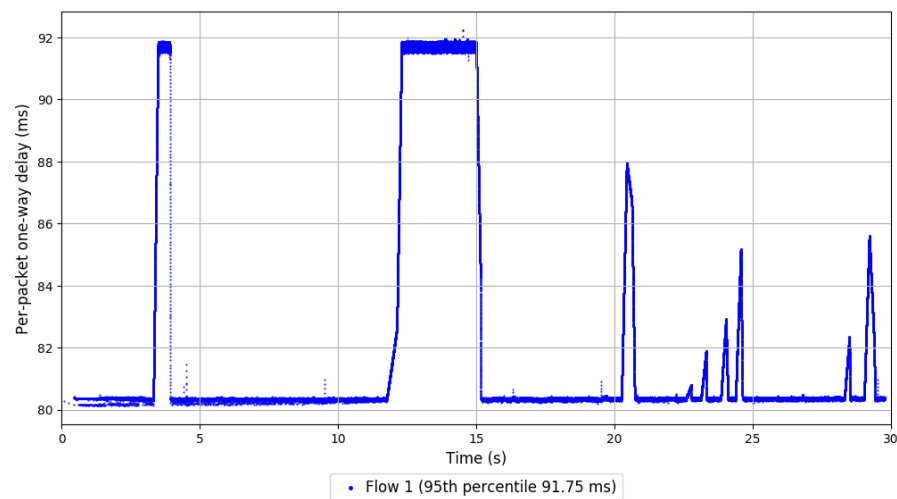
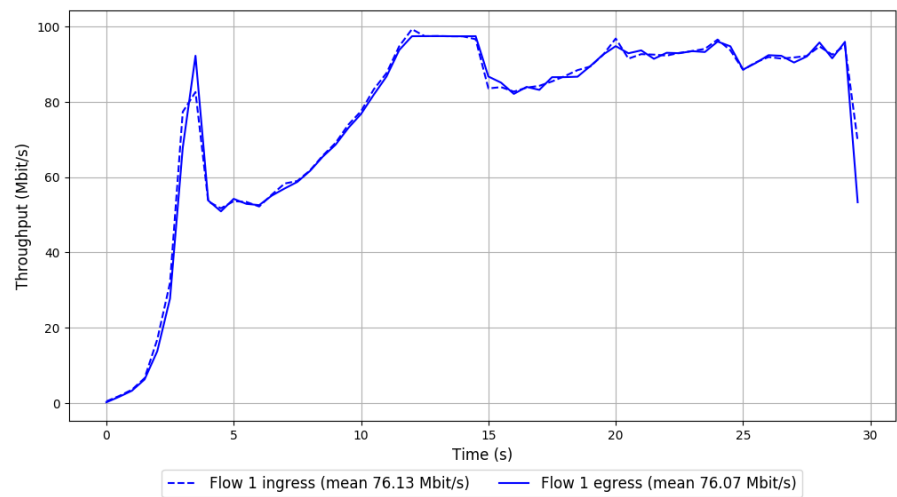


Run 7: Statistics of Vivace-latency

Start at: 2018-02-04 06:29:16  
End at: 2018-02-04 06:29:46  
Local clock offset: -0.057 ms  
Remote clock offset: 1.457 ms

# Below is generated by plot.py at 2018-02-04 11:50:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.07 Mbit/s  
95th percentile per-packet one-way delay: 91.750 ms  
Loss rate: 0.68%  
-- Flow 1:  
Average throughput: 76.07 Mbit/s  
95th percentile per-packet one-way delay: 91.750 ms  
Loss rate: 0.68%

Run 7: Report of Vivace-latency — Data Link

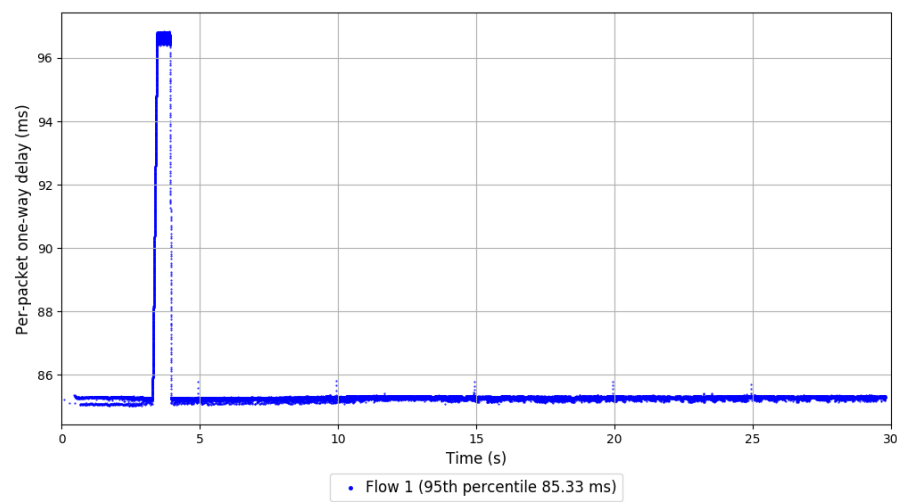
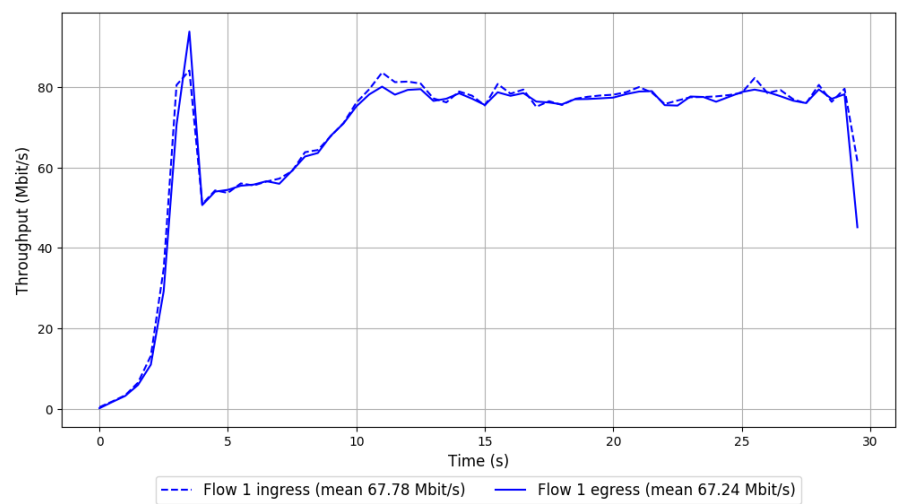


Run 8: Statistics of Vivace-latency

Start at: 2018-02-04 06:51:24  
End at: 2018-02-04 06:51:54  
Local clock offset: -0.041 ms  
Remote clock offset: -1.643 ms

# Below is generated by plot.py at 2018-02-04 11:50:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 67.24 Mbit/s  
95th percentile per-packet one-way delay: 85.333 ms  
Loss rate: 1.39%  
-- Flow 1:  
Average throughput: 67.24 Mbit/s  
95th percentile per-packet one-way delay: 85.333 ms  
Loss rate: 1.39%

Run 8: Report of Vivace-latency — Data Link



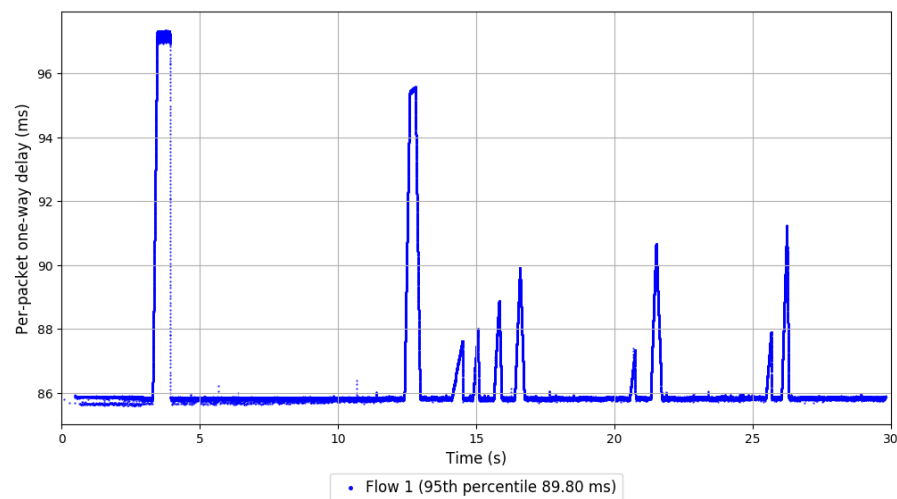
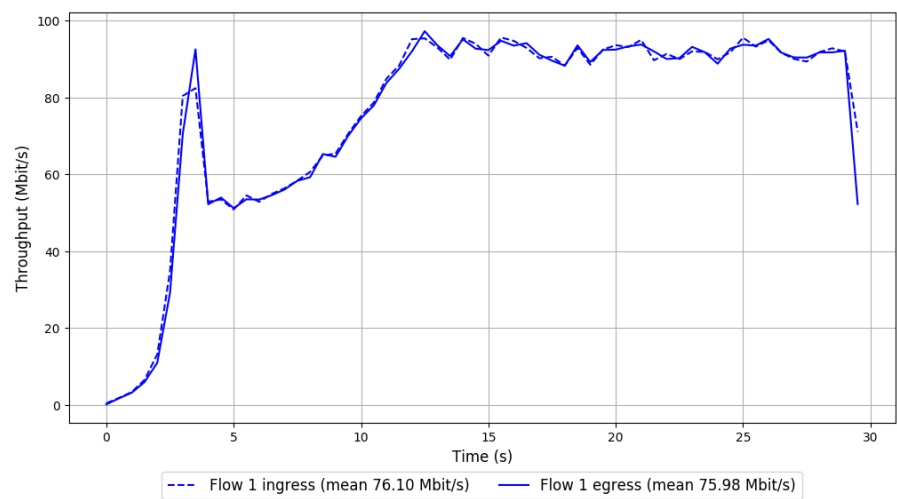
Run 9: Statistics of Vivace-latency

Start at: 2018-02-04 07:13:35  
End at: 2018-02-04 07:14:05  
Local clock offset: -0.116 ms  
Remote clock offset: -1.276 ms

# Below is generated by plot.py at 2018-02-04 11:50:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.98 Mbit/s  
95th percentile per-packet one-way delay: 89.799 ms  
Loss rate: 0.76%  
-- Flow 1:  
Average throughput: 75.98 Mbit/s  
95th percentile per-packet one-way delay: 89.799 ms  
Loss rate: 0.76%



Run 9: Report of Vivace-latency — Data Link

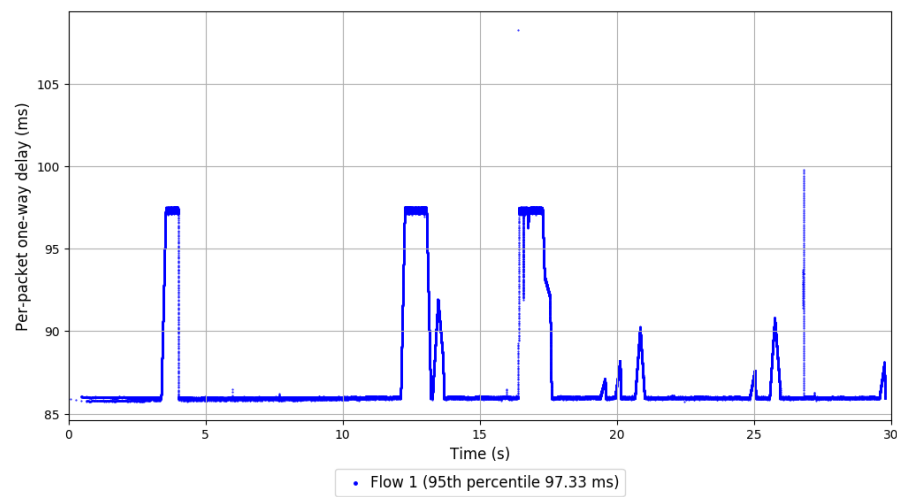
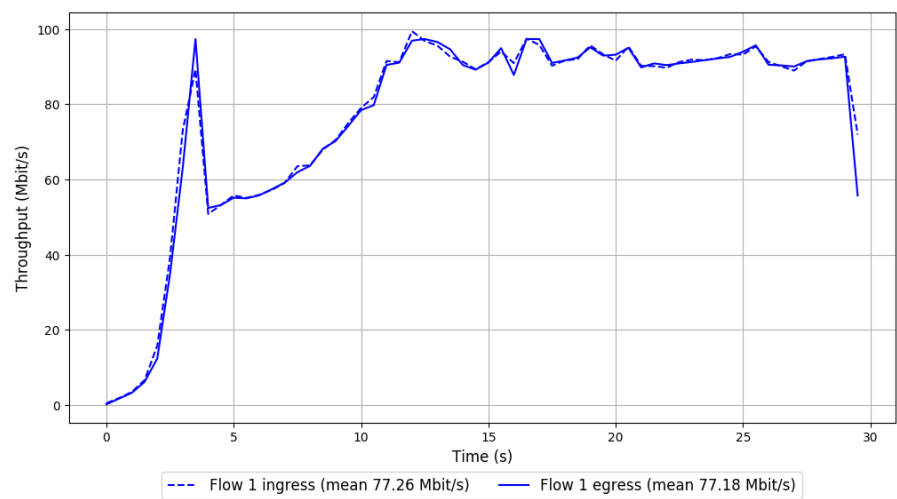


Run 10: Statistics of Vivace-latency

Start at: 2018-02-04 07:37:29  
End at: 2018-02-04 07:38:00  
Local clock offset: -0.097 ms  
Remote clock offset: -1.522 ms

# Below is generated by plot.py at 2018-02-04 11:50:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.18 Mbit/s  
95th percentile per-packet one-way delay: 97.335 ms  
Loss rate: 0.70%  
-- Flow 1:  
Average throughput: 77.18 Mbit/s  
95th percentile per-packet one-way delay: 97.335 ms  
Loss rate: 0.70%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-04 04:05:14

End at: 2018-02-04 04:05:44

Local clock offset: -0.36 ms

Remote clock offset: -3.947 ms

# Below is generated by plot.py at 2018-02-04 11:50:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.47 Mbit/s

95th percentile per-packet one-way delay: 95.873 ms

Loss rate: 0.77%

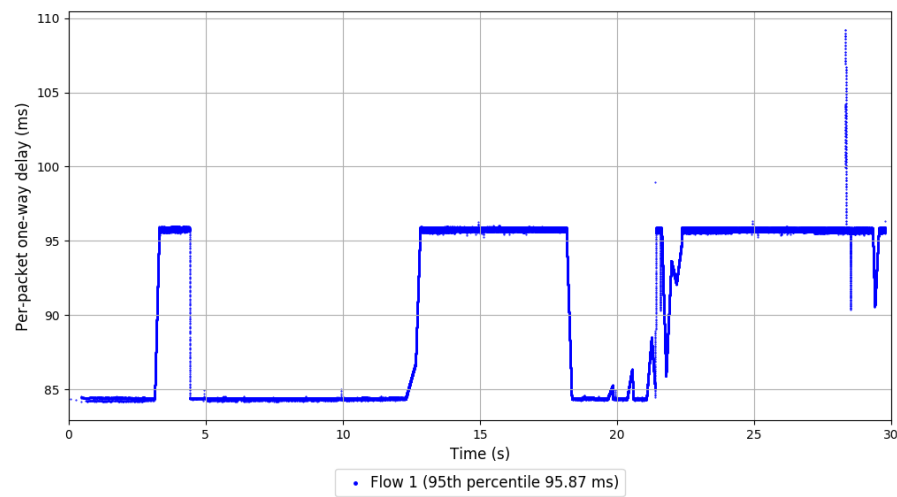
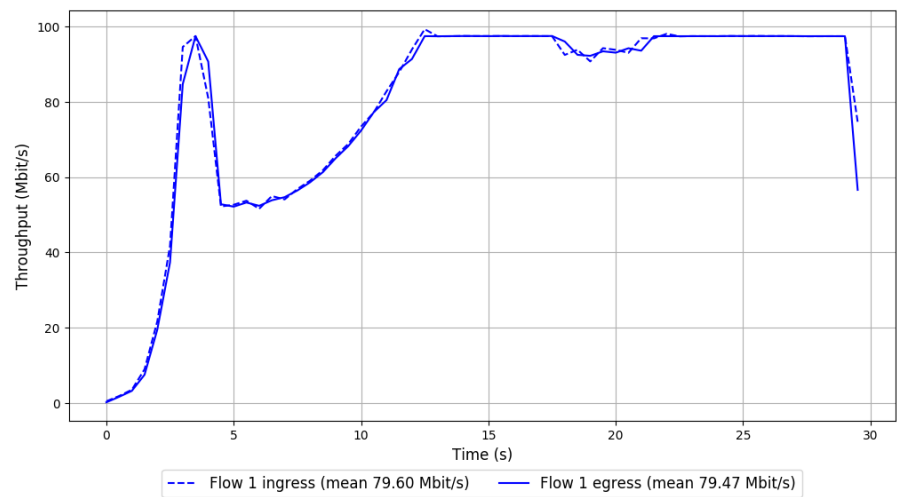
-- Flow 1:

Average throughput: 79.47 Mbit/s

95th percentile per-packet one-way delay: 95.873 ms

Loss rate: 0.77%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-04 04:27:23

End at: 2018-02-04 04:27:53

Local clock offset: -0.385 ms

Remote clock offset: -4.969 ms

# Below is generated by plot.py at 2018-02-04 11:50:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.76 Mbit/s

95th percentile per-packet one-way delay: 97.647 ms

Loss rate: 0.79%

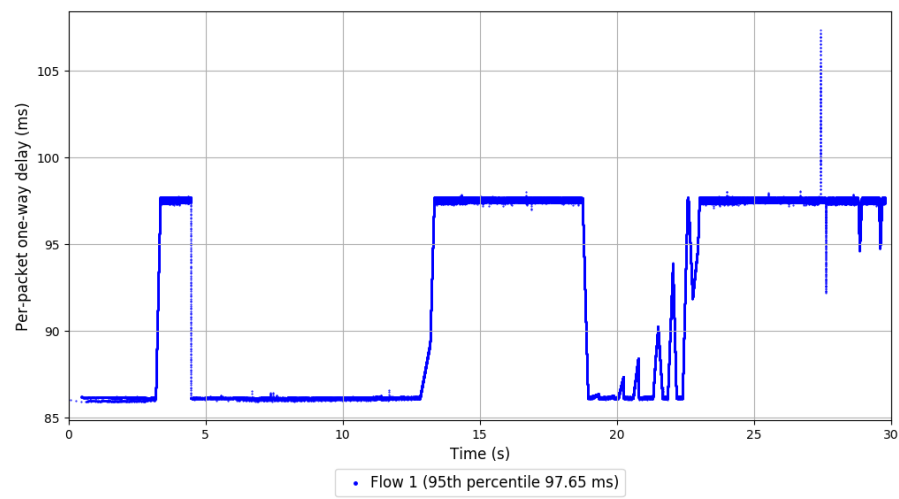
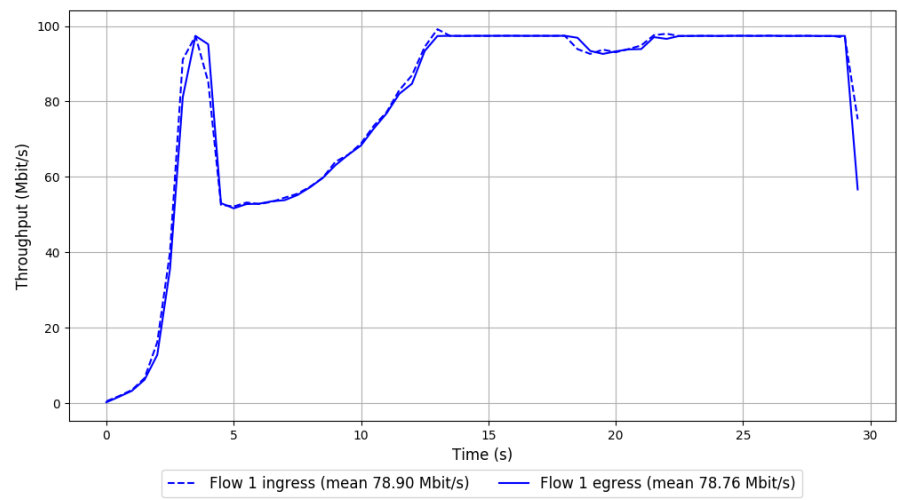
-- Flow 1:

Average throughput: 78.76 Mbit/s

95th percentile per-packet one-way delay: 97.647 ms

Loss rate: 0.79%

Run 2: Report of Vivace-loss — Data Link



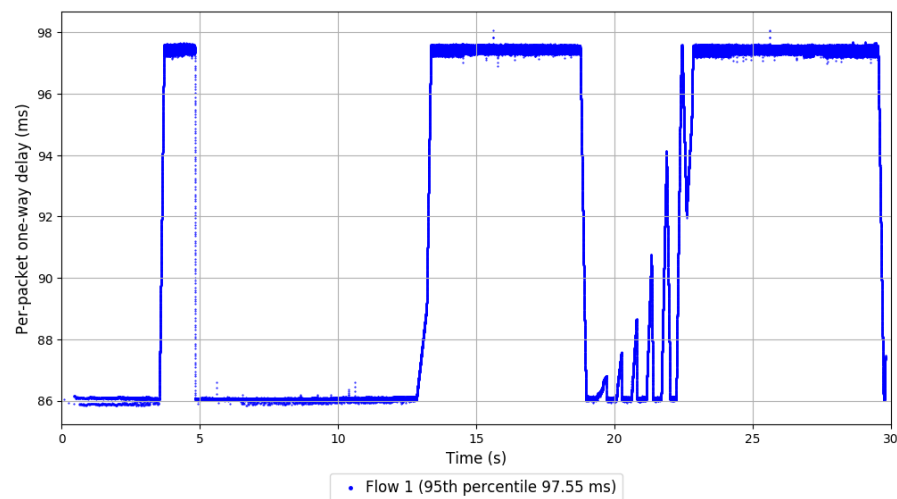
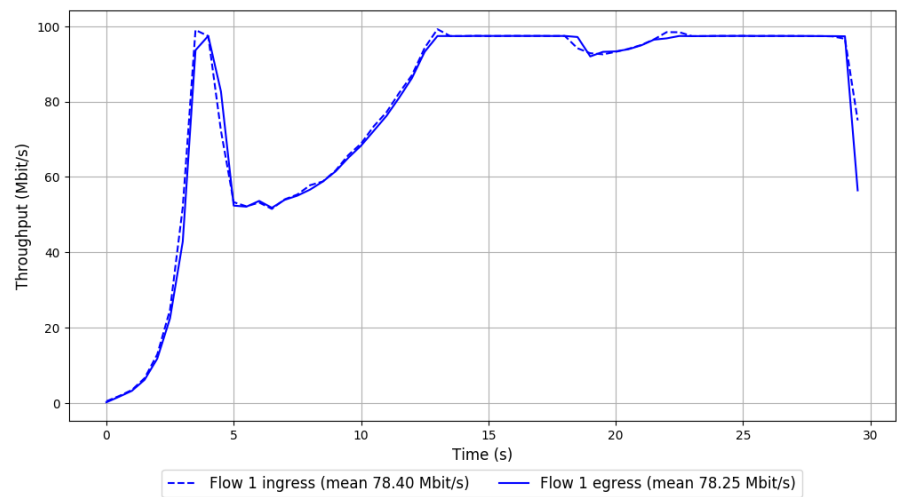
Run 3: Statistics of Vivace-loss

Start at: 2018-02-04 04:49:36  
End at: 2018-02-04 04:50:06  
Local clock offset: -0.271 ms  
Remote clock offset: -7.252 ms

# Below is generated by plot.py at 2018-02-04 11:51:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.25 Mbit/s  
95th percentile per-packet one-way delay: 97.546 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 78.25 Mbit/s  
95th percentile per-packet one-way delay: 97.546 ms  
Loss rate: 0.79%



Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-04 05:11:44

End at: 2018-02-04 05:12:14

Local clock offset: -0.21 ms

Remote clock offset: -2.109 ms

# Below is generated by plot.py at 2018-02-04 11:51:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.14 Mbit/s

95th percentile per-packet one-way delay: 90.275 ms

Loss rate: 0.78%

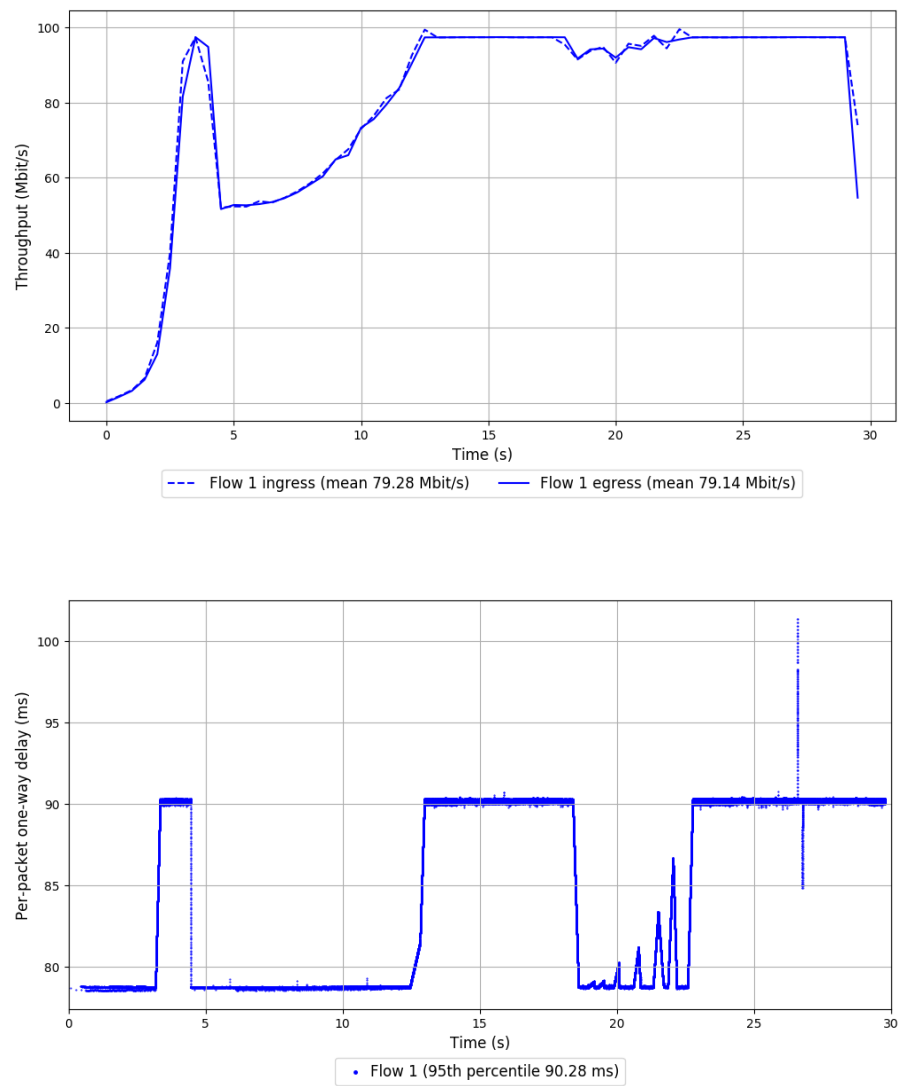
-- Flow 1:

Average throughput: 79.14 Mbit/s

95th percentile per-packet one-way delay: 90.275 ms

Loss rate: 0.78%

Run 4: Report of Vivace-loss — Data Link

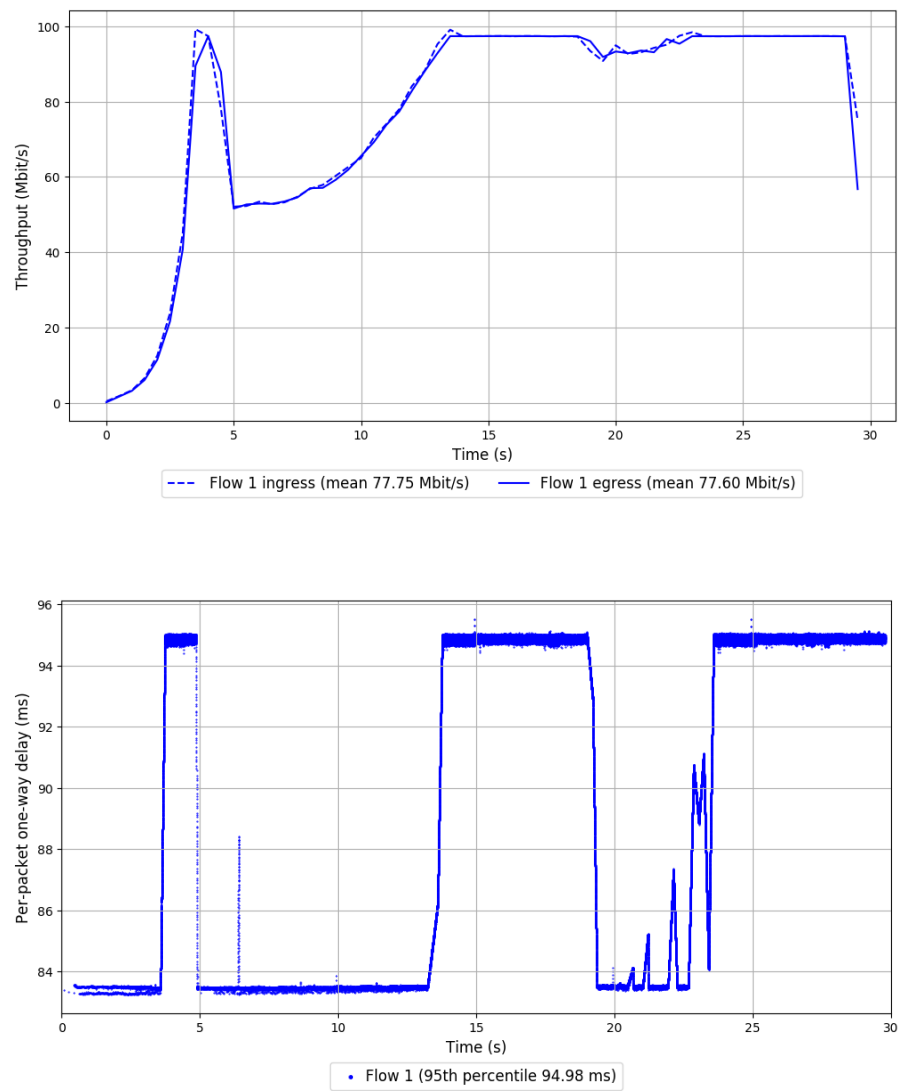


Run 5: Statistics of Vivace-loss

Start at: 2018-02-04 05:33:52  
End at: 2018-02-04 05:34:22  
Local clock offset: -0.211 ms  
Remote clock offset: -5.999 ms

# Below is generated by plot.py at 2018-02-04 11:51:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.60 Mbit/s  
95th percentile per-packet one-way delay: 94.976 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 77.60 Mbit/s  
95th percentile per-packet one-way delay: 94.976 ms  
Loss rate: 0.79%

Run 5: Report of Vivace-loss — Data Link

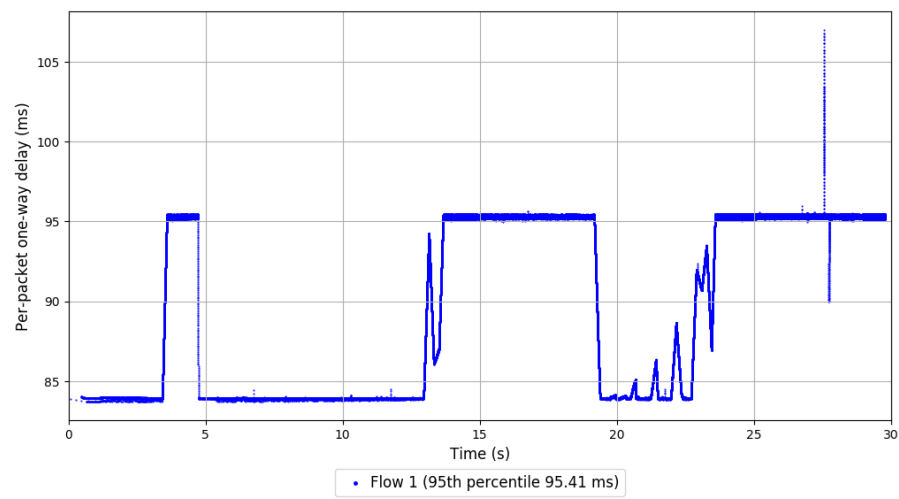
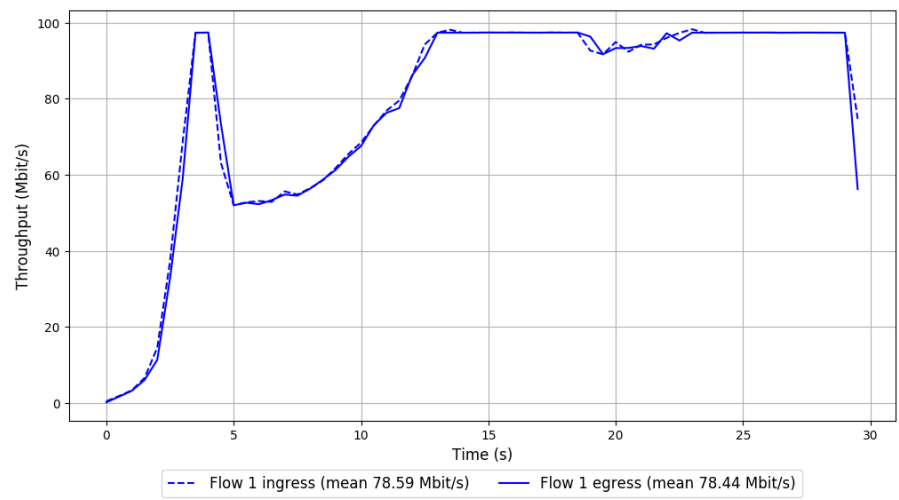


Run 6: Statistics of Vivace-loss

Start at: 2018-02-04 05:56:00  
End at: 2018-02-04 05:56:30  
Local clock offset: -0.048 ms  
Remote clock offset: -3.935 ms

# Below is generated by plot.py at 2018-02-04 11:51:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.44 Mbit/s  
95th percentile per-packet one-way delay: 95.408 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 78.44 Mbit/s  
95th percentile per-packet one-way delay: 95.408 ms  
Loss rate: 0.79%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-04 06:18:09

End at: 2018-02-04 06:18:39

Local clock offset: -0.012 ms

Remote clock offset: 0.591 ms

# Below is generated by plot.py at 2018-02-04 11:51:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.71 Mbit/s

95th percentile per-packet one-way delay: 79.226 ms

Loss rate: 1.91%

-- Flow 1:

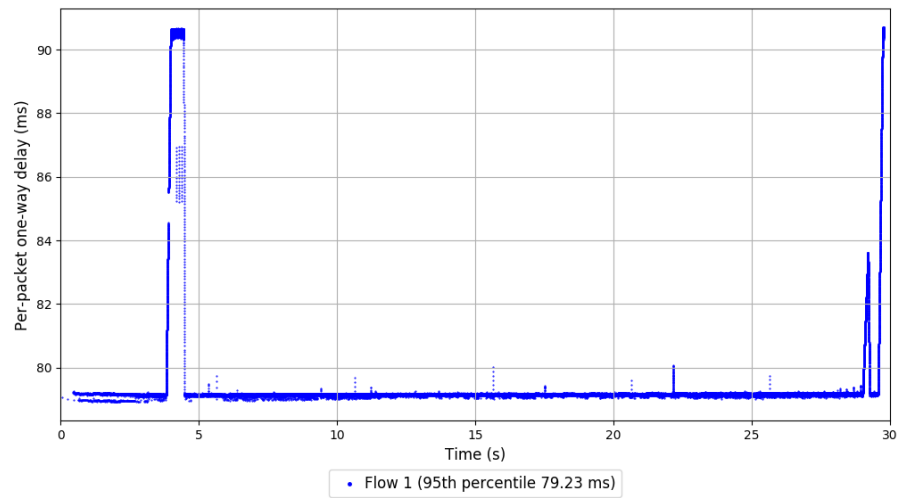
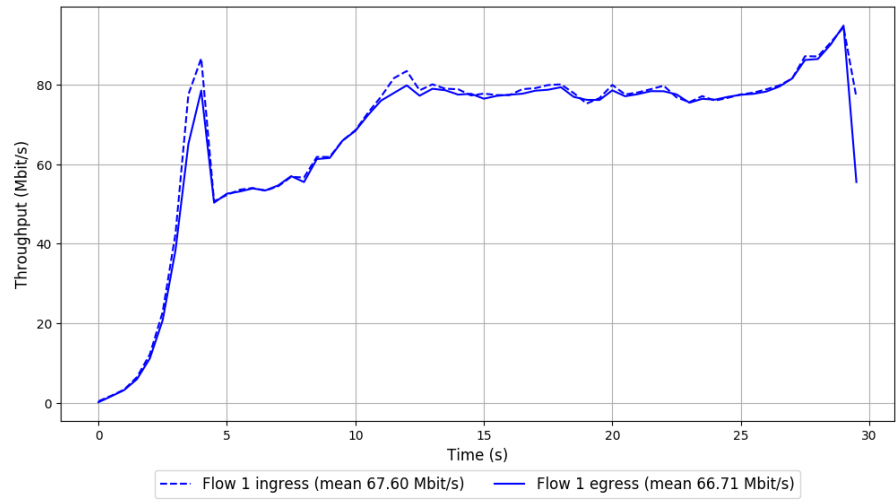
Average throughput: 66.71 Mbit/s

95th percentile per-packet one-way delay: 79.226 ms

Loss rate: 1.91%



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

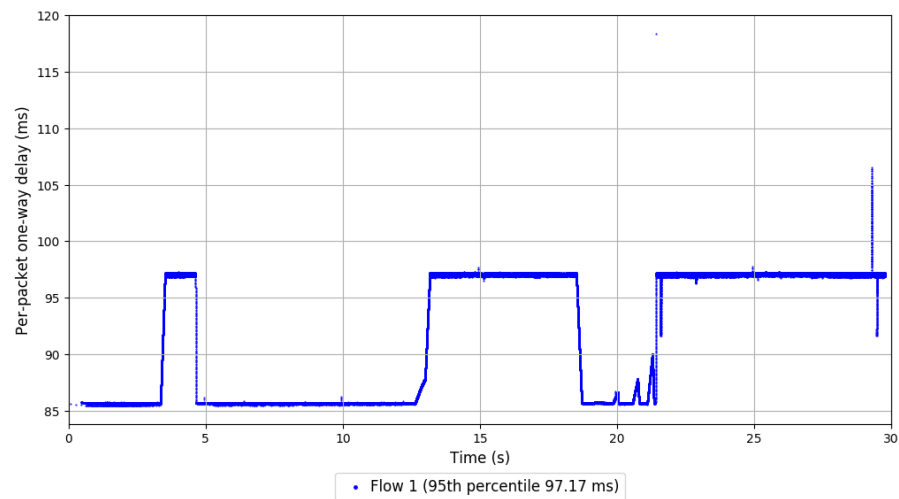
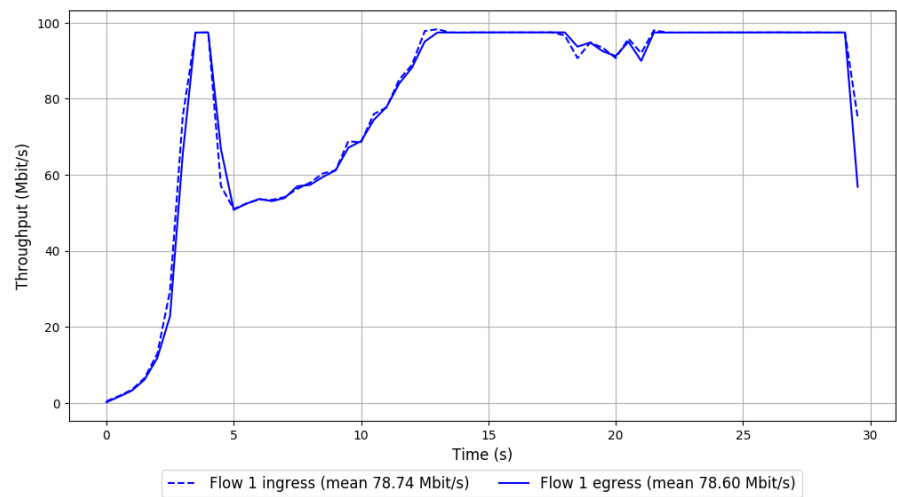


Run 8: Statistics of Vivace-loss

Start at: 2018-02-04 06:40:19  
End at: 2018-02-04 06:40:49  
Local clock offset: -0.034 ms  
Remote clock offset: -2.855 ms

# Below is generated by plot.py at 2018-02-04 11:51:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.60 Mbit/s  
95th percentile per-packet one-way delay: 97.170 ms  
Loss rate: 0.79%  
-- Flow 1:  
Average throughput: 78.60 Mbit/s  
95th percentile per-packet one-way delay: 97.170 ms  
Loss rate: 0.79%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-04 07:02:28

End at: 2018-02-04 07:02:58

Local clock offset: -0.023 ms

Remote clock offset: 3.275 ms

# Below is generated by plot.py at 2018-02-04 11:51:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.45 Mbit/s

95th percentile per-packet one-way delay: 90.221 ms

Loss rate: 0.79%

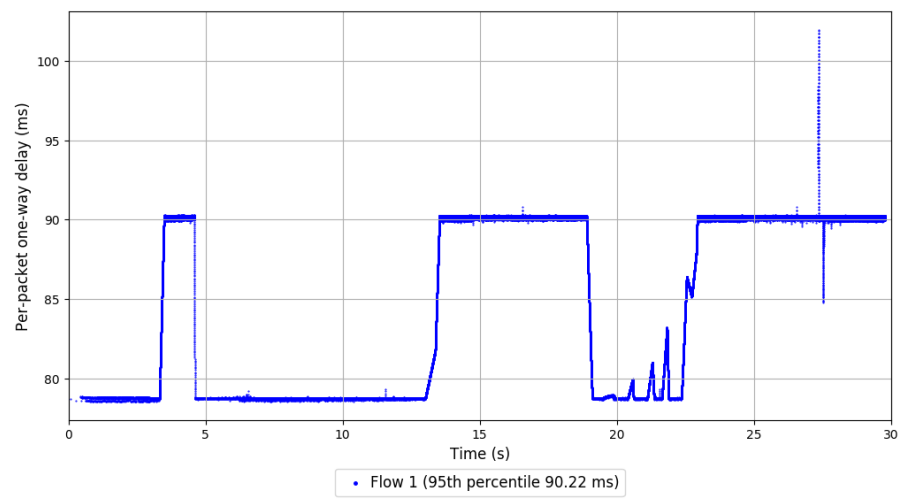
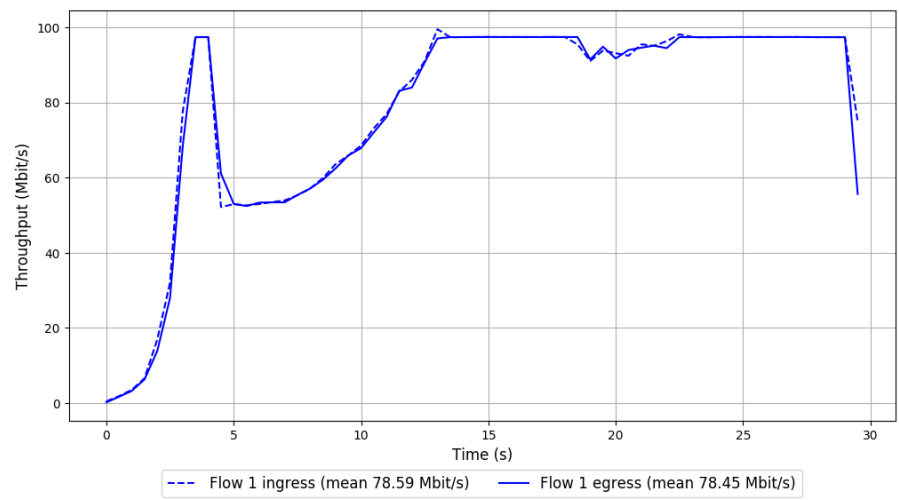
-- Flow 1:

Average throughput: 78.45 Mbit/s

95th percentile per-packet one-way delay: 90.221 ms

Loss rate: 0.79%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-04 07:25:02

End at: 2018-02-04 07:25:32

Local clock offset: -0.081 ms

Remote clock offset: 5.043 ms

# Below is generated by plot.py at 2018-02-04 11:52:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.15 Mbit/s

95th percentile per-packet one-way delay: 89.945 ms

Loss rate: 0.78%

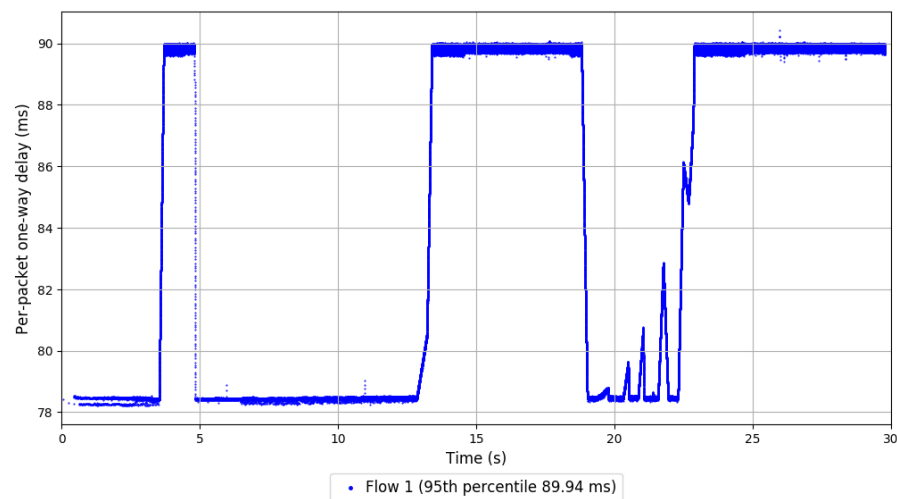
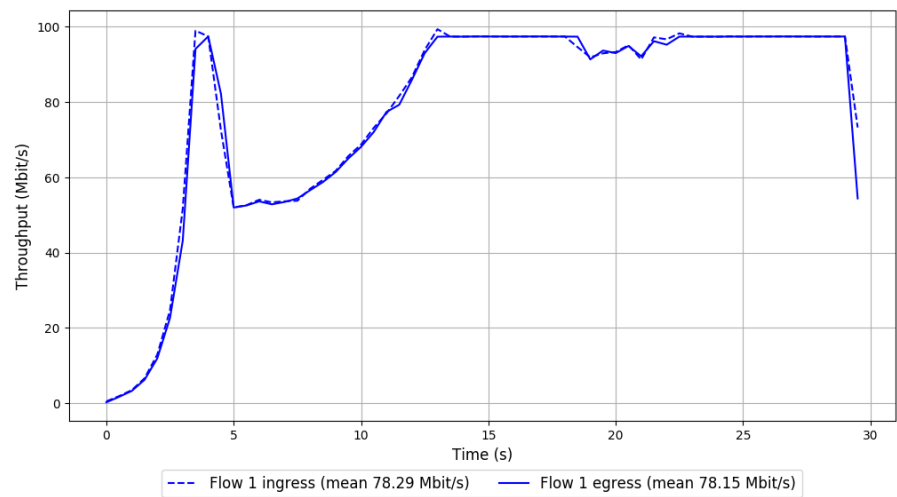
-- Flow 1:

Average throughput: 78.15 Mbit/s

95th percentile per-packet one-way delay: 89.945 ms

Loss rate: 0.78%

Run 10: Report of Vivace-loss — Data Link



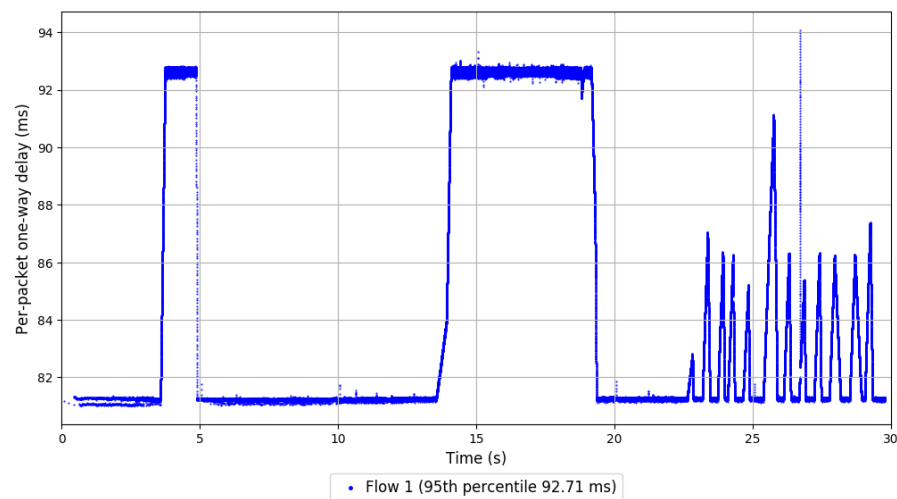
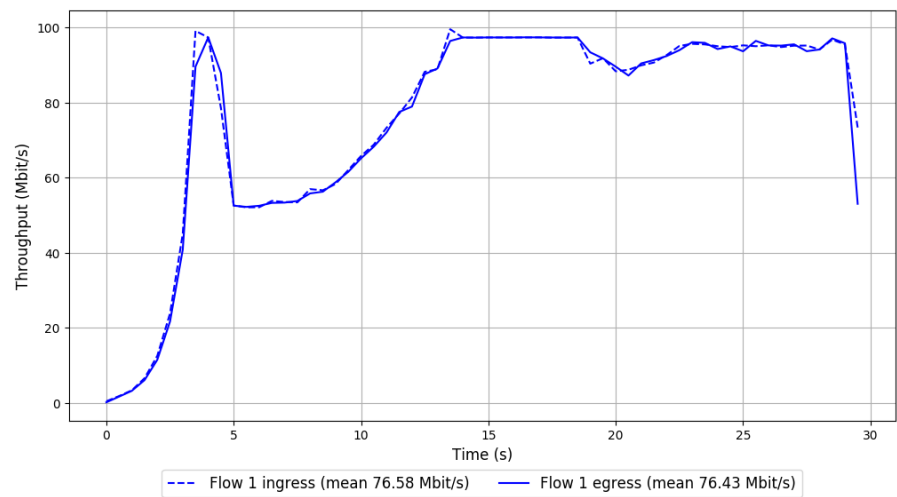
Run 1: Statistics of Vivace-LTE

Start at: 2018-02-04 04:23:38  
End at: 2018-02-04 04:24:08  
Local clock offset: -0.316 ms  
Remote clock offset: -1.002 ms

# Below is generated by plot.py at 2018-02-04 11:52:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.43 Mbit/s  
95th percentile per-packet one-way delay: 92.709 ms  
Loss rate: 0.78%  
-- Flow 1:  
Average throughput: 76.43 Mbit/s  
95th percentile per-packet one-way delay: 92.709 ms  
Loss rate: 0.78%



Run 1: Report of Vivace-LTE — Data Link

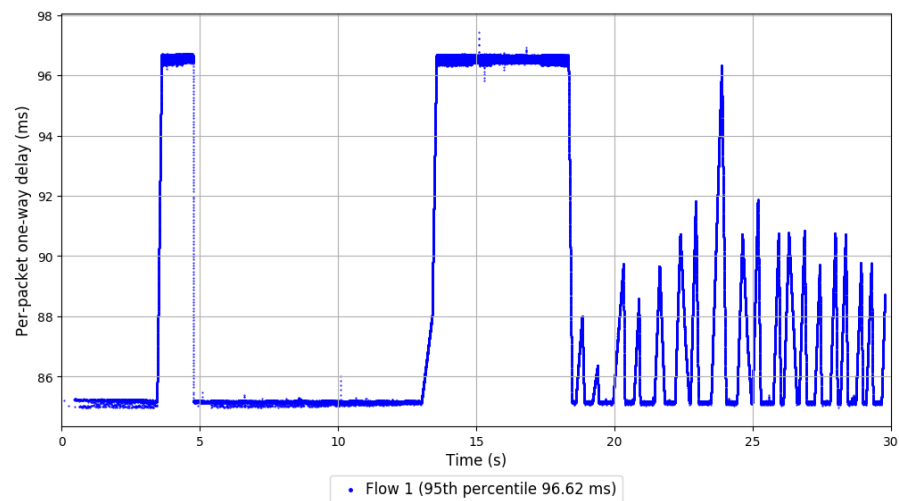
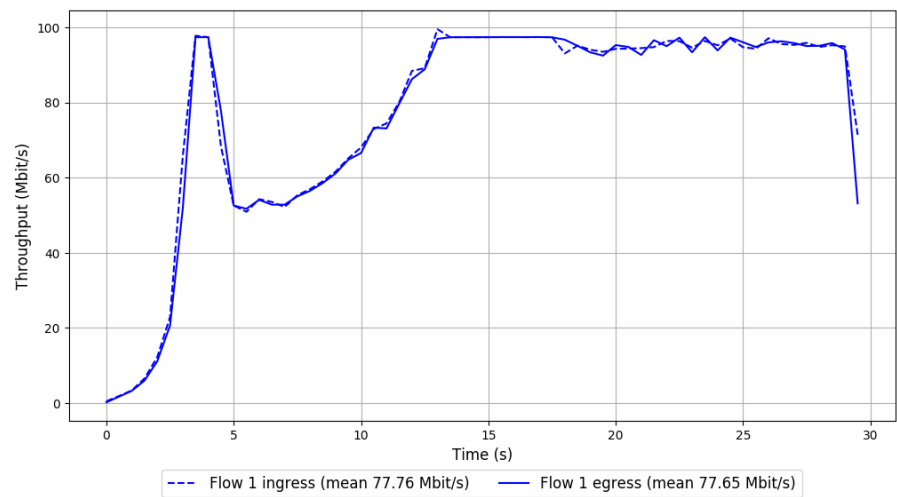


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-04 04:45:51  
End at: 2018-02-04 04:46:21  
Local clock offset: -0.261 ms  
Remote clock offset: -6.964 ms

# Below is generated by plot.py at 2018-02-04 11:52:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.65 Mbit/s  
95th percentile per-packet one-way delay: 96.621 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 77.65 Mbit/s  
95th percentile per-packet one-way delay: 96.621 ms  
Loss rate: 0.74%

Run 2: Report of Vivace-LTE — Data Link

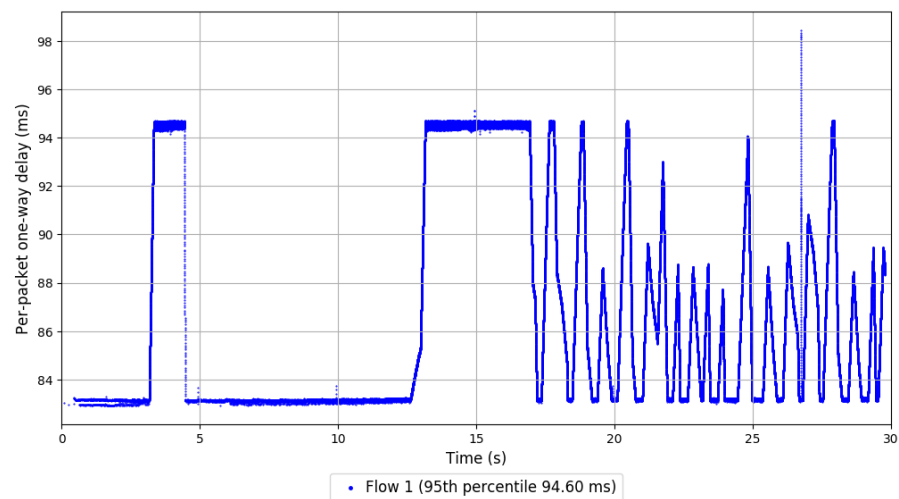
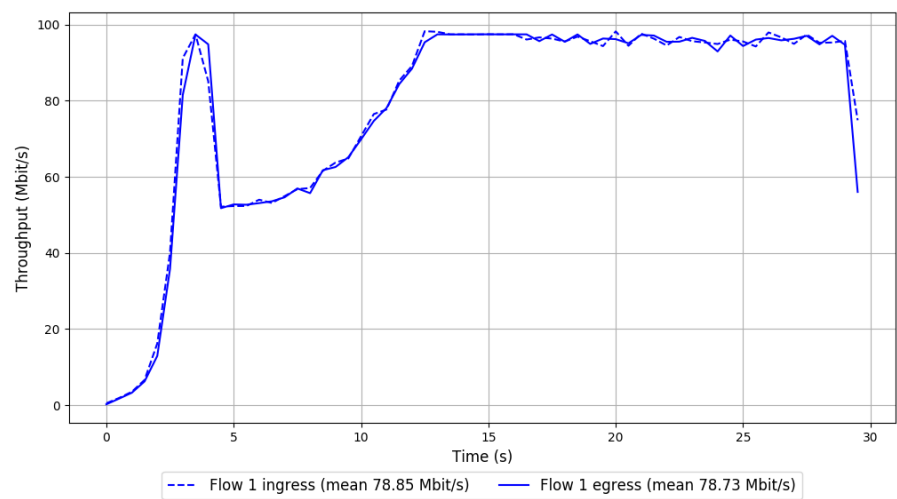


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-04 05:07:59  
End at: 2018-02-04 05:08:29  
Local clock offset: -0.22 ms  
Remote clock offset: -7.104 ms

# Below is generated by plot.py at 2018-02-04 11:52:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.73 Mbit/s  
95th percentile per-packet one-way delay: 94.603 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 78.73 Mbit/s  
95th percentile per-packet one-way delay: 94.603 ms  
Loss rate: 0.74%

Run 3: Report of Vivace-LTE — Data Link

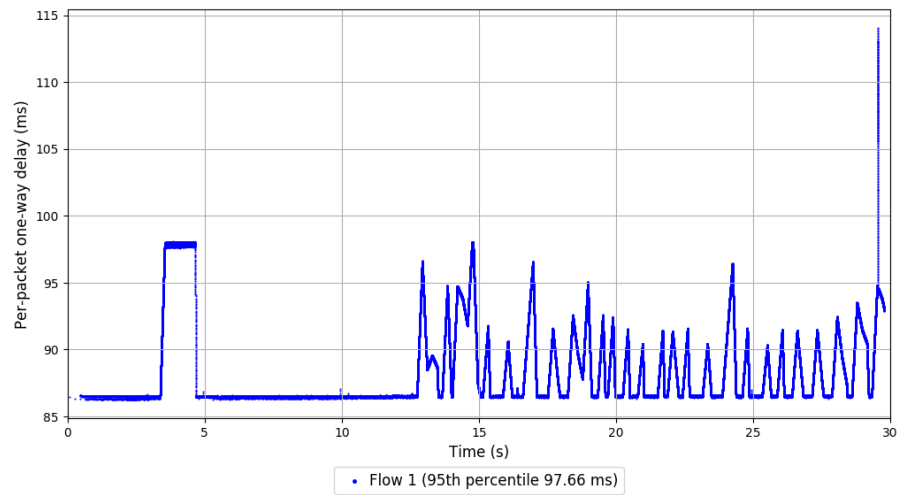
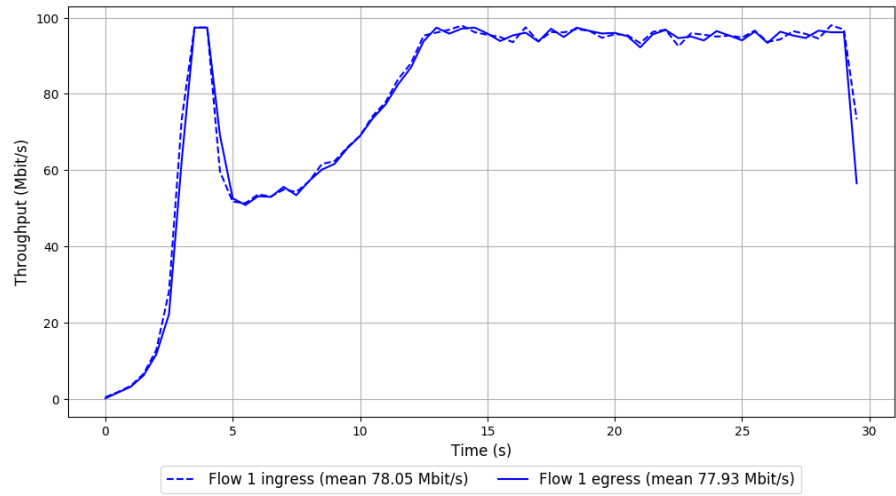


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-04 05:30:07  
End at: 2018-02-04 05:30:37  
Local clock offset: -0.15 ms  
Remote clock offset: -6.297 ms

# Below is generated by plot.py at 2018-02-04 11:52:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.93 Mbit/s  
95th percentile per-packet one-way delay: 97.664 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 77.93 Mbit/s  
95th percentile per-packet one-way delay: 97.664 ms  
Loss rate: 0.75%

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



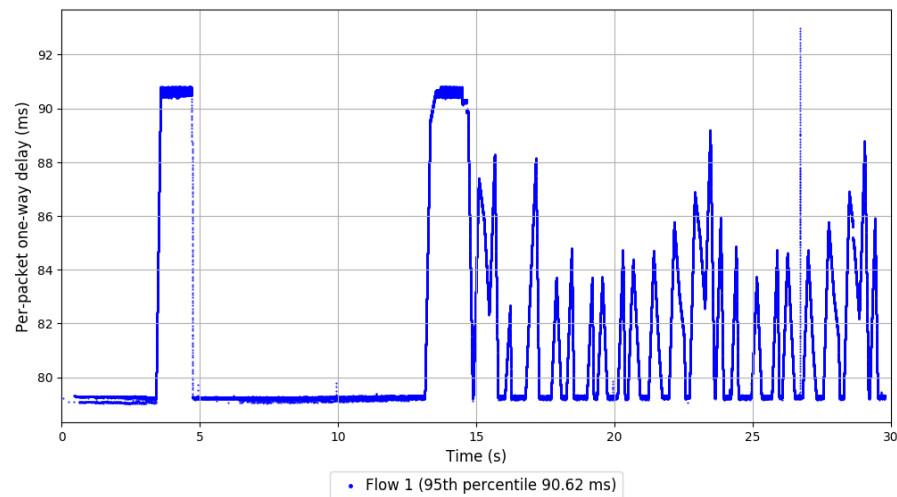
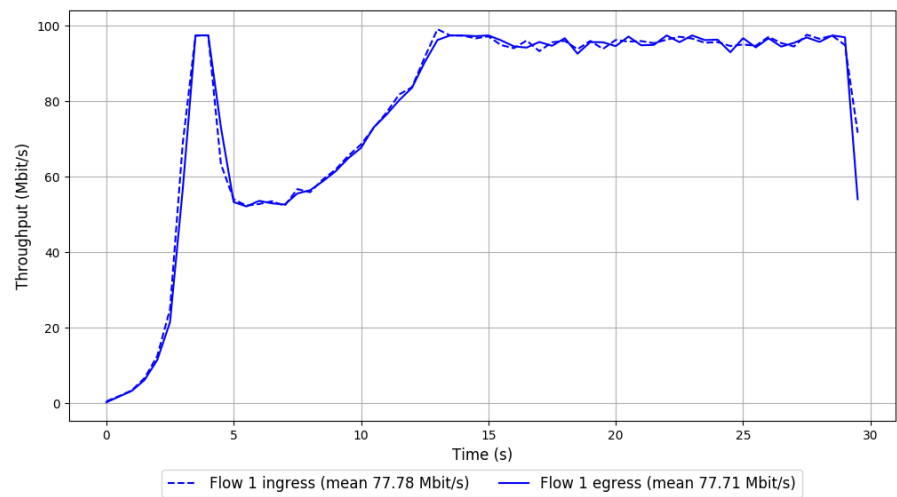
Run 5: Statistics of Vivace-LTE

Start at: 2018-02-04 05:52:15  
End at: 2018-02-04 05:52:45  
Local clock offset: -0.157 ms  
Remote clock offset: -0.541 ms

# Below is generated by plot.py at 2018-02-04 11:52:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.71 Mbit/s  
95th percentile per-packet one-way delay: 90.621 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 77.71 Mbit/s  
95th percentile per-packet one-way delay: 90.621 ms  
Loss rate: 0.69%



Run 5: Report of Vivace-LTE — Data Link

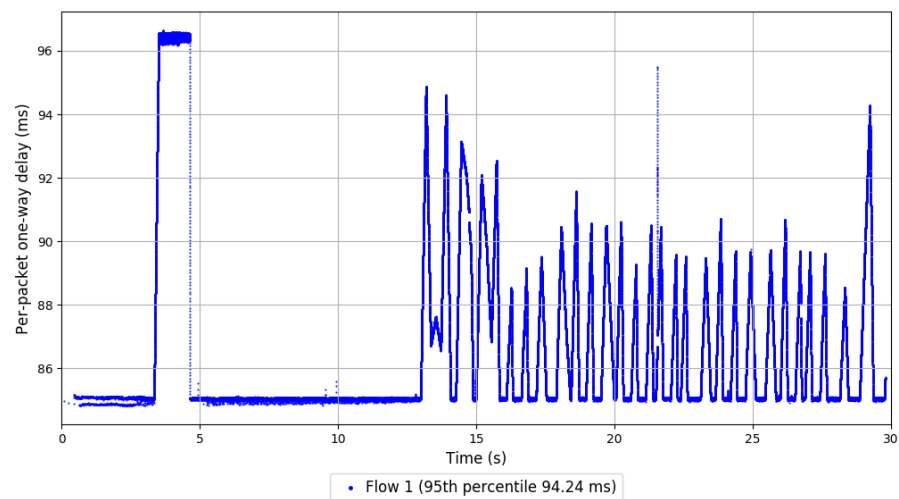
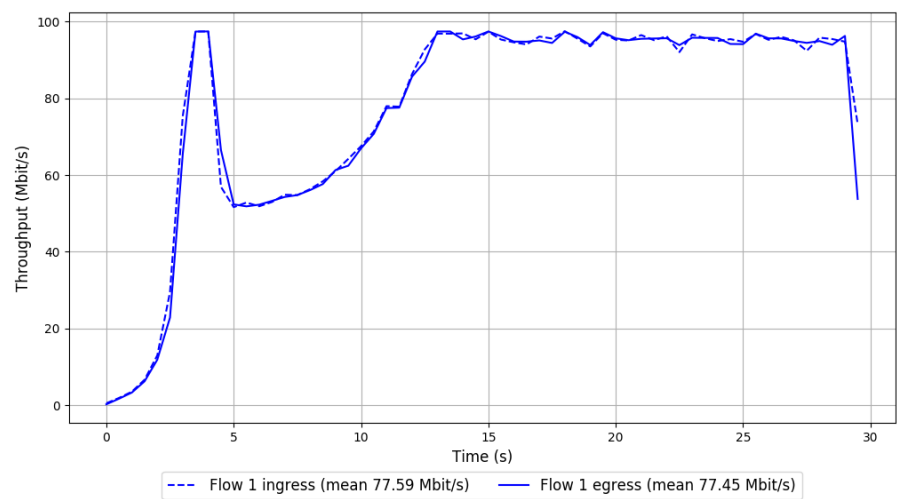


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-04 06:14:23  
End at: 2018-02-04 06:14:53  
Local clock offset: -0.011 ms  
Remote clock offset: -3.727 ms

# Below is generated by plot.py at 2018-02-04 11:52:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.45 Mbit/s  
95th percentile per-packet one-way delay: 94.238 ms  
Loss rate: 0.77%  
-- Flow 1:  
Average throughput: 77.45 Mbit/s  
95th percentile per-packet one-way delay: 94.238 ms  
Loss rate: 0.77%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-04 06:36:34

End at: 2018-02-04 06:37:04

Local clock offset: -0.014 ms

Remote clock offset: 2.696 ms

# Below is generated by plot.py at 2018-02-04 11:52:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.68 Mbit/s

95th percentile per-packet one-way delay: 91.854 ms

Loss rate: 0.76%

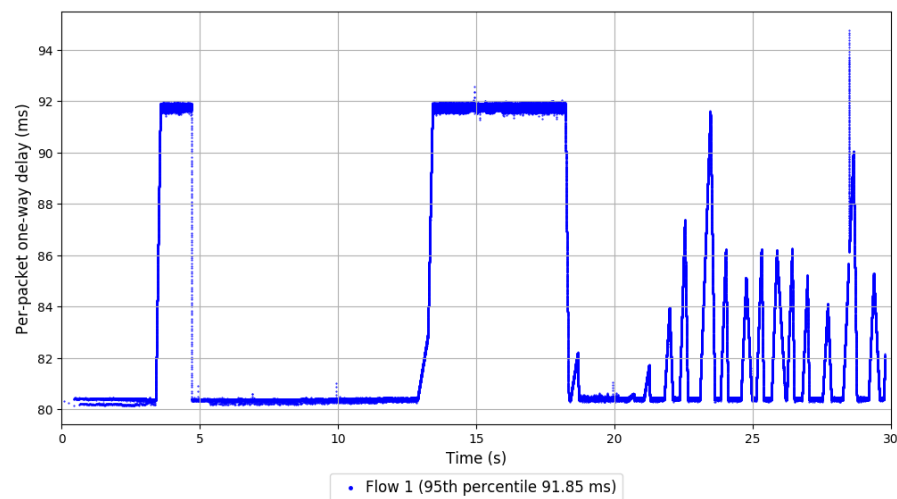
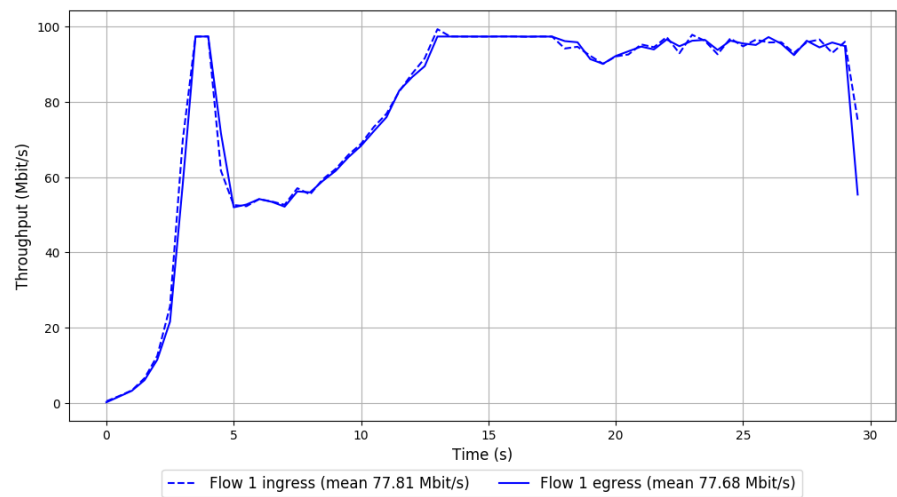
-- Flow 1:

Average throughput: 77.68 Mbit/s

95th percentile per-packet one-way delay: 91.854 ms

Loss rate: 0.76%

Run 7: Report of Vivace-LTE — Data Link

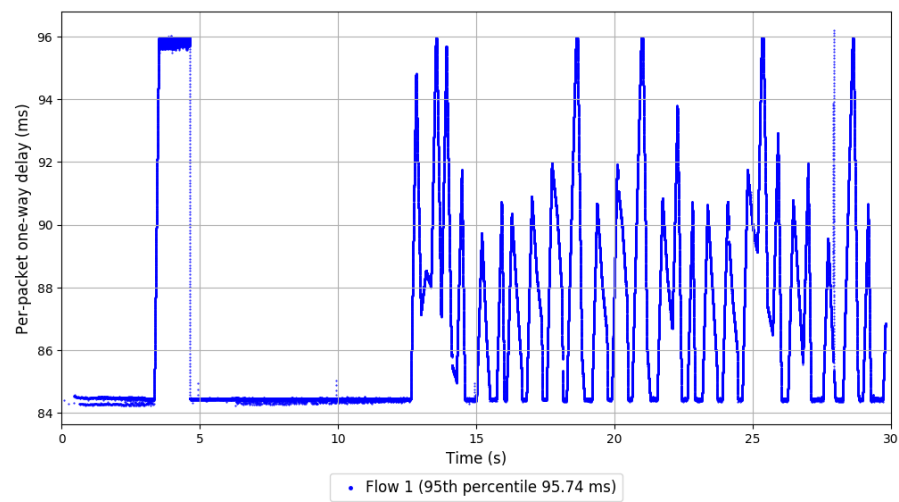
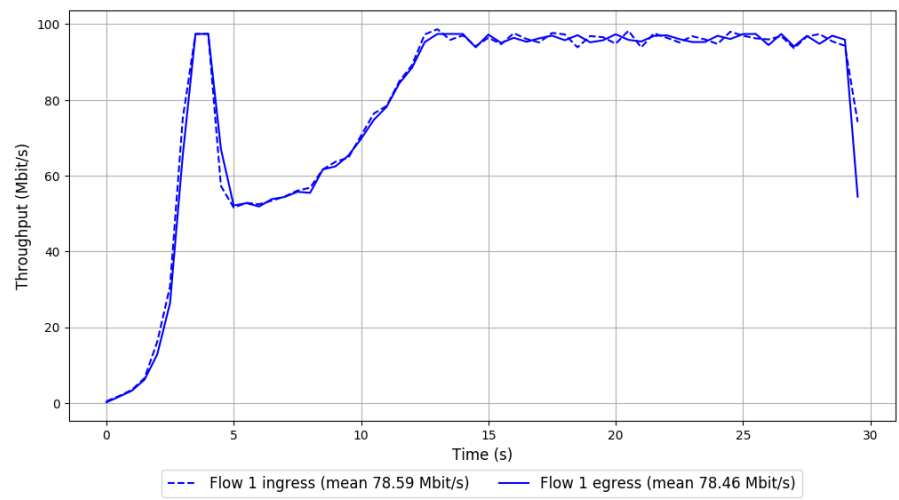


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-04 06:58:42  
End at: 2018-02-04 06:59:12  
Local clock offset: -0.026 ms  
Remote clock offset: -2.437 ms

# Below is generated by plot.py at 2018-02-04 11:52:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.46 Mbit/s  
95th percentile per-packet one-way delay: 95.740 ms  
Loss rate: 0.75%  
-- Flow 1:  
Average throughput: 78.46 Mbit/s  
95th percentile per-packet one-way delay: 95.740 ms  
Loss rate: 0.75%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-04 07:20:58

End at: 2018-02-04 07:21:28

Local clock offset: -0.127 ms

Remote clock offset: 4.744 ms

# Below is generated by plot.py at 2018-02-04 11:52:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 92.023 ms

Loss rate: 0.77%

-- Flow 1:

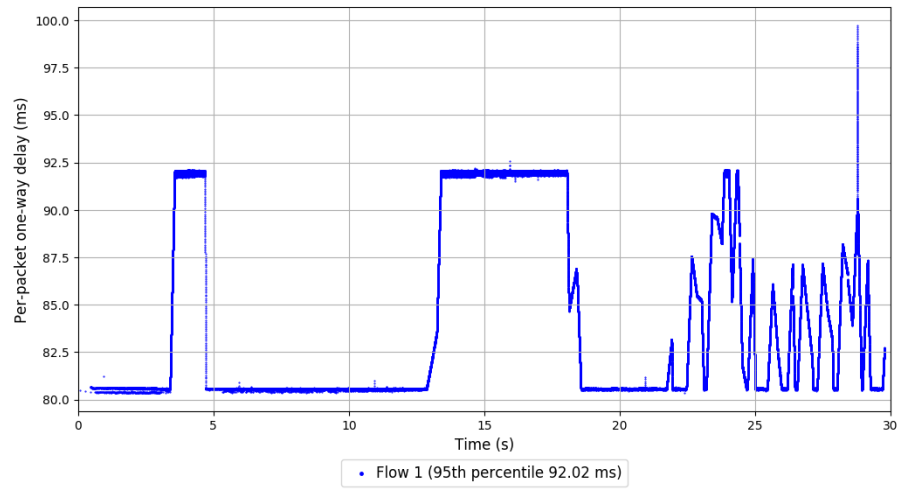
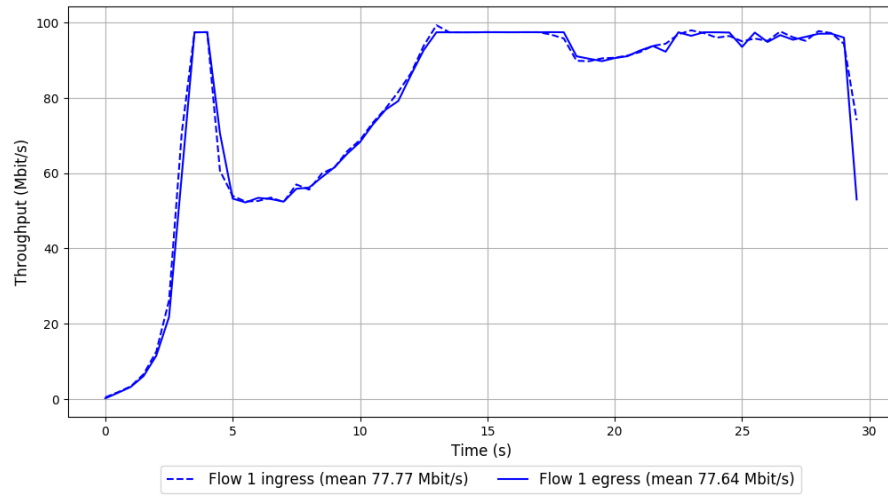
Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 92.023 ms

Loss rate: 0.77%



### Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-04 07:44:52

End at: 2018-02-04 07:45:22

Local clock offset: -0.118 ms

Remote clock offset: 3.93 ms

# Below is generated by plot.py at 2018-02-04 11:52:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.43 Mbit/s

95th percentile per-packet one-way delay: 90.994 ms

Loss rate: 0.69%

-- Flow 1:

Average throughput: 78.43 Mbit/s

95th percentile per-packet one-way delay: 90.994 ms

Loss rate: 0.69%

Run 10: Report of Vivace-LTE — Data Link

