

Pantheon Report

Generated at 2018-02-04 12:31:46 (UTC).

Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).

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).

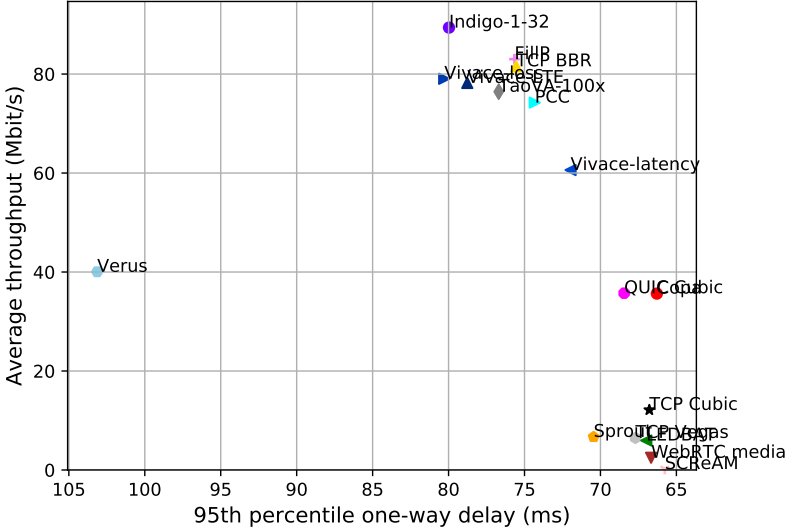
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

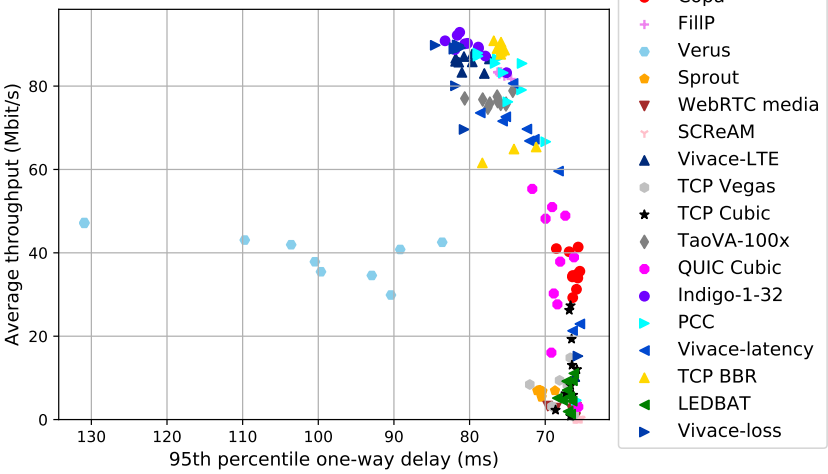
Git summary:

```
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-quick @ 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 AWS Korea Ethernet to China Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Korea Ethernet to China 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	81.56	75.55	3.83
TCP Cubic	10	12.14	66.78	1.11
LEDBAT	10	5.96	66.99	0.97
PCC	10	74.23	74.32	1.40
QUIC Cubic	10	35.72	68.44	0.91
SCReAM	10	0.19	65.76	0.13
WebRTC media	10	2.47	66.67	0.46
Sprout	10	6.68	70.45	3.57
TaoVA-100x	10	76.43	76.70	5.04
TCP Vegas	10	6.48	67.70	1.30
Verus	10	40.05	103.14	86.16
Copa	10	35.64	66.29	0.64
FillP	10	83.01	75.66	5.07
Indigo-1-32	10	89.39	79.97	12.66
Vivace-latency	10	60.60	71.97	0.63
Vivace-loss	10	79.05	80.28	1.79
Vivace-LTE	10	78.21	78.77	1.93

Run 1: Statistics of TCP BBR

Start at: 2018-02-04 08:15:17

End at: 2018-02-04 08:15:47

Local clock offset: 0.669 ms

Remote clock offset: 10.663 ms

Below is generated by plot.py at 2018-02-04 12:13:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.70 Mbit/s

95th percentile per-packet one-way delay: 75.803 ms

Loss rate: 3.28%

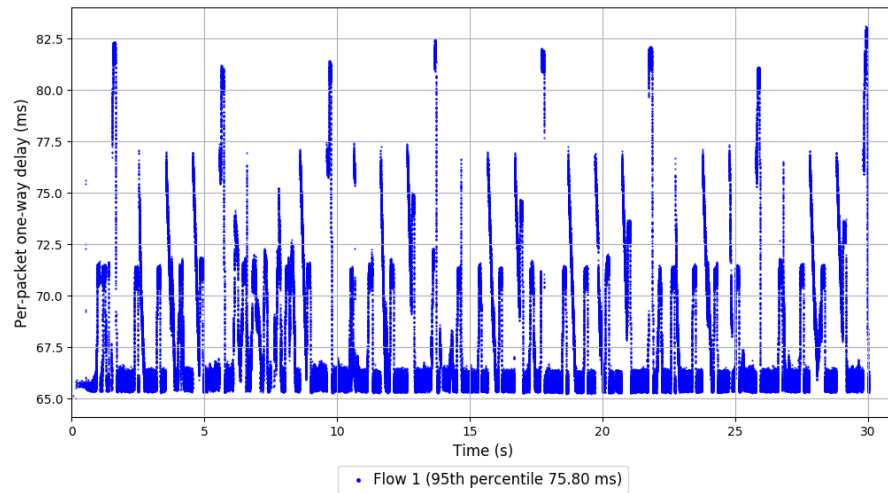
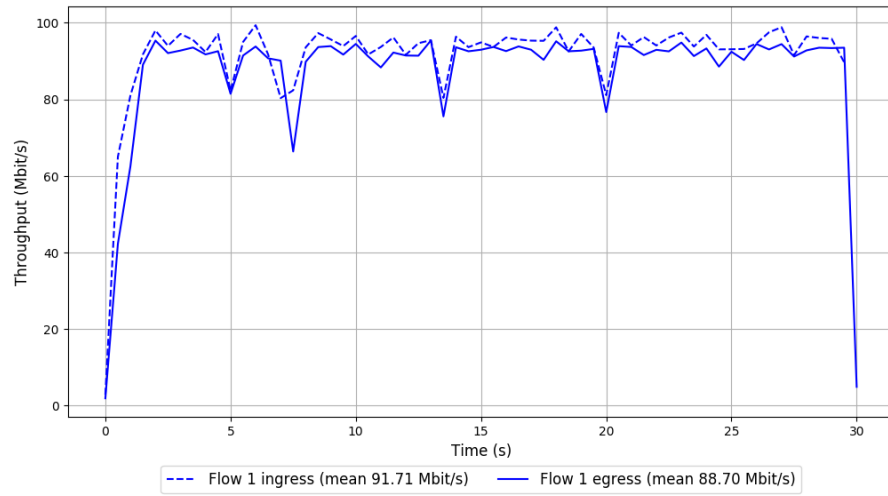
-- Flow 1:

Average throughput: 88.70 Mbit/s

95th percentile per-packet one-way delay: 75.803 ms

Loss rate: 3.28%

Run 1: Report of TCP BBR — Data Link

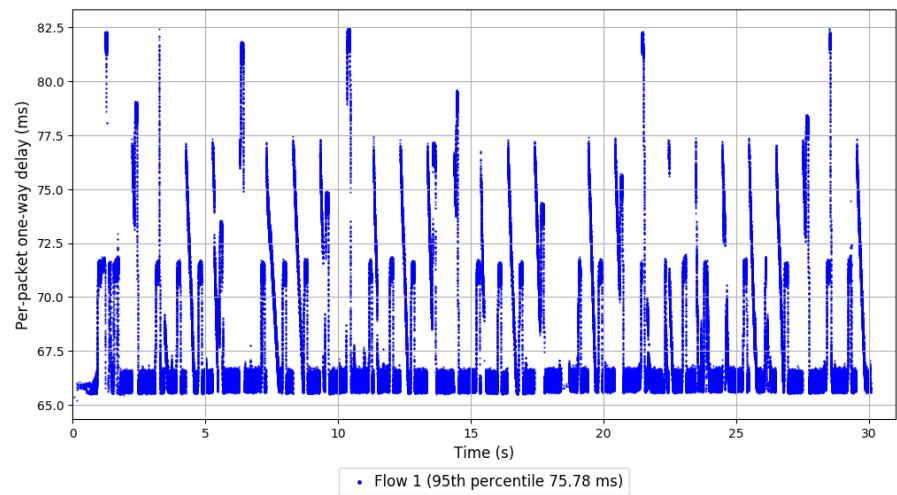
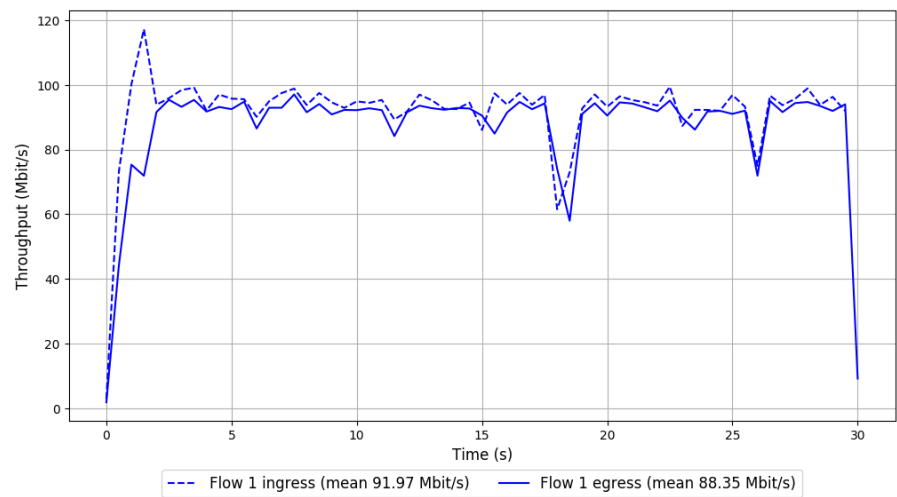


Run 2: Statistics of TCP BBR

Start at: 2018-02-04 08:37:00
End at: 2018-02-04 08:37:30
Local clock offset: 0.051 ms
Remote clock offset: 10.878 ms

Below is generated by plot.py at 2018-02-04 12:13:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 75.776 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 75.776 ms
Loss rate: 3.93%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-04 08:58:41

End at: 2018-02-04 08:59:11

Local clock offset: -0.255 ms

Remote clock offset: 10.31 ms

Below is generated by plot.py at 2018-02-04 12:13:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.54 Mbit/s

95th percentile per-packet one-way delay: 75.843 ms

Loss rate: 3.46%

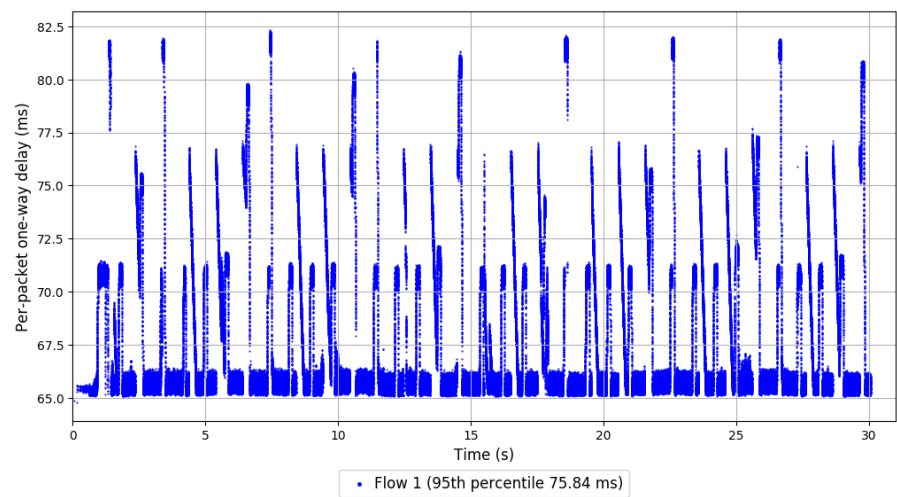
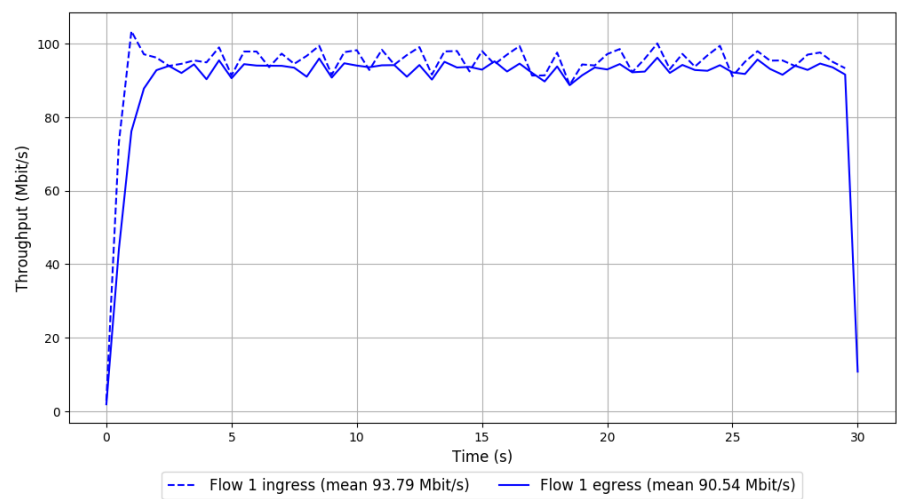
-- Flow 1:

Average throughput: 90.54 Mbit/s

95th percentile per-packet one-way delay: 75.843 ms

Loss rate: 3.46%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-04 09:20:25

End at: 2018-02-04 09:20:55

Local clock offset: -0.756 ms

Remote clock offset: 7.614 ms

Below is generated by plot.py at 2018-02-04 12:13:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.64 Mbit/s

95th percentile per-packet one-way delay: 75.372 ms

Loss rate: 3.35%

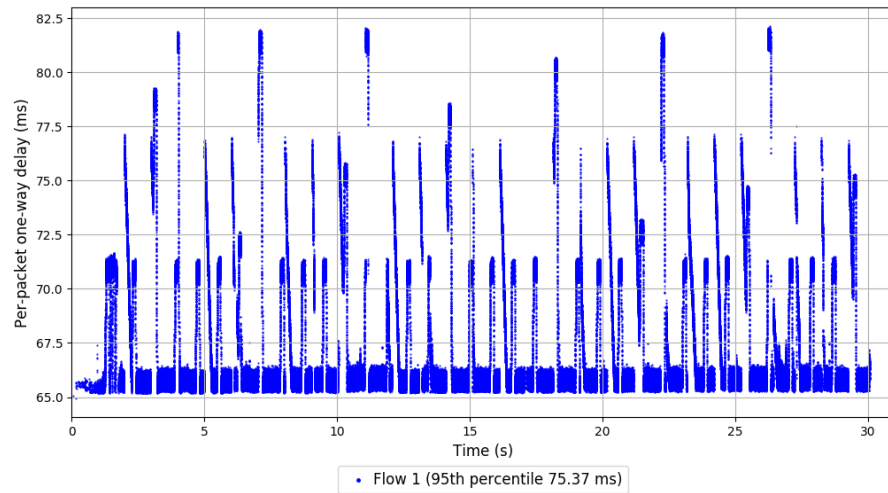
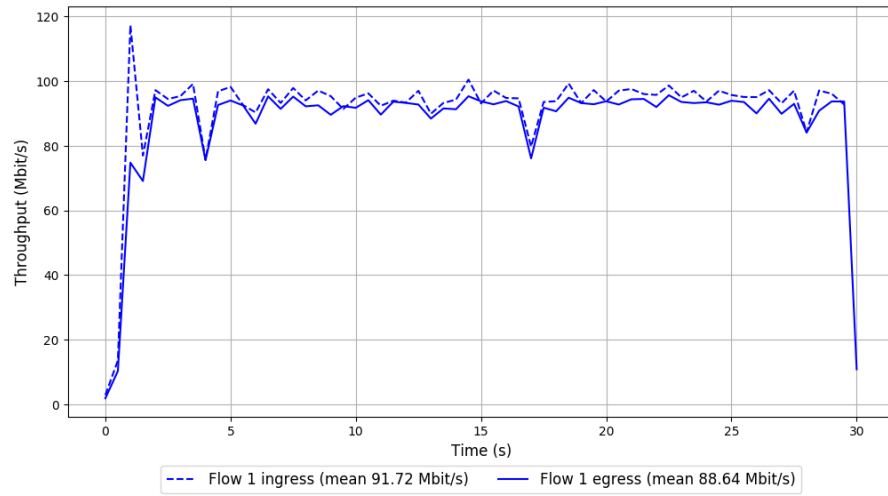
-- Flow 1:

Average throughput: 88.64 Mbit/s

95th percentile per-packet one-way delay: 75.372 ms

Loss rate: 3.35%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-04 09:42:47

End at: 2018-02-04 09:43:17

Local clock offset: -1.134 ms

Remote clock offset: 3.999 ms

Below is generated by plot.py at 2018-02-04 12:13:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: 76.367 ms

Loss rate: 3.71%

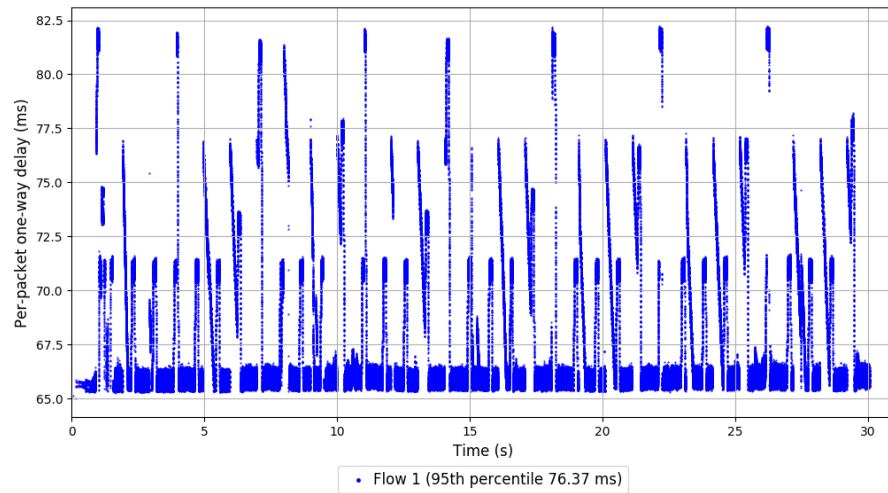
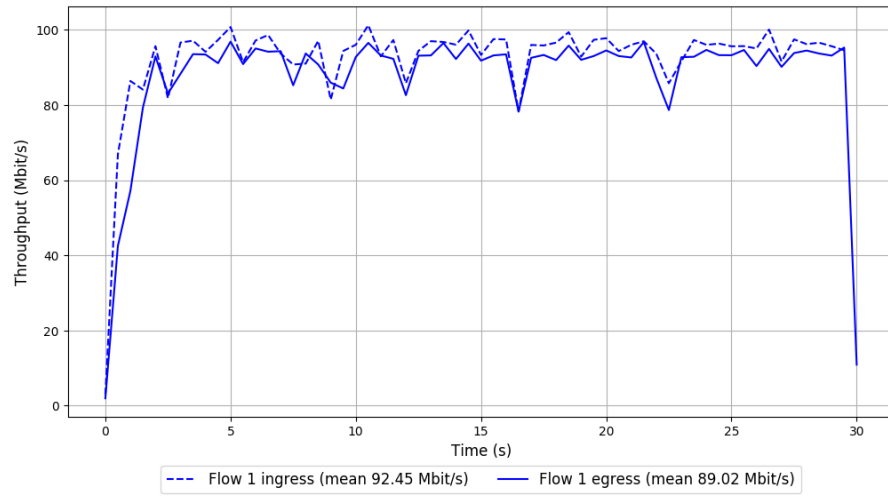
-- Flow 1:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: 76.367 ms

Loss rate: 3.71%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-04 10:06:07

End at: 2018-02-04 10:06:37

Local clock offset: -1.844 ms

Remote clock offset: 2.304 ms

Below is generated by plot.py at 2018-02-04 12:13:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 76.803 ms

Loss rate: 4.10%

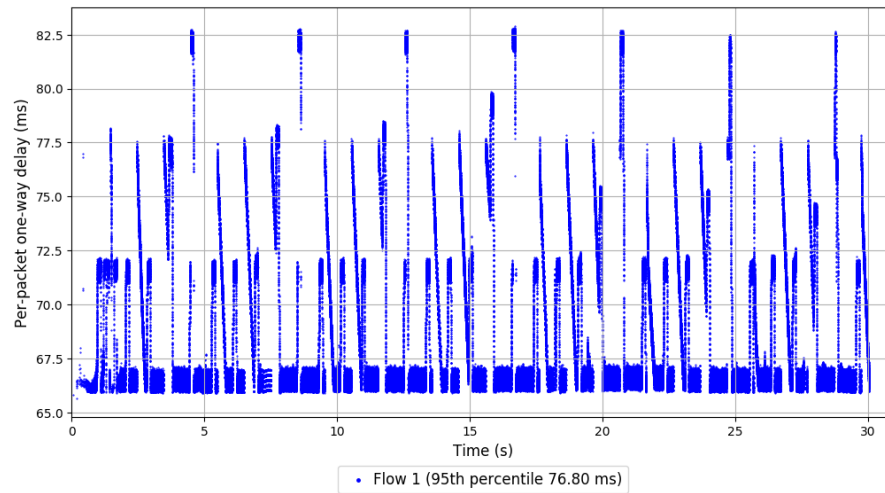
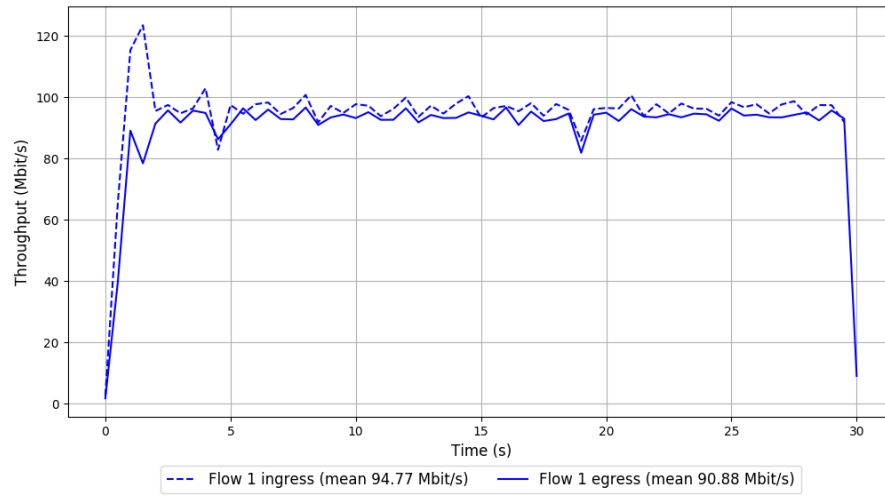
-- Flow 1:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 76.803 ms

Loss rate: 4.10%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-04 10:27:47

End at: 2018-02-04 10:28:17

Local clock offset: -1.985 ms

Remote clock offset: 1.72 ms

Below is generated by plot.py at 2018-02-04 12:13:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.63 Mbit/s

95th percentile per-packet one-way delay: 75.876 ms

Loss rate: 3.82%

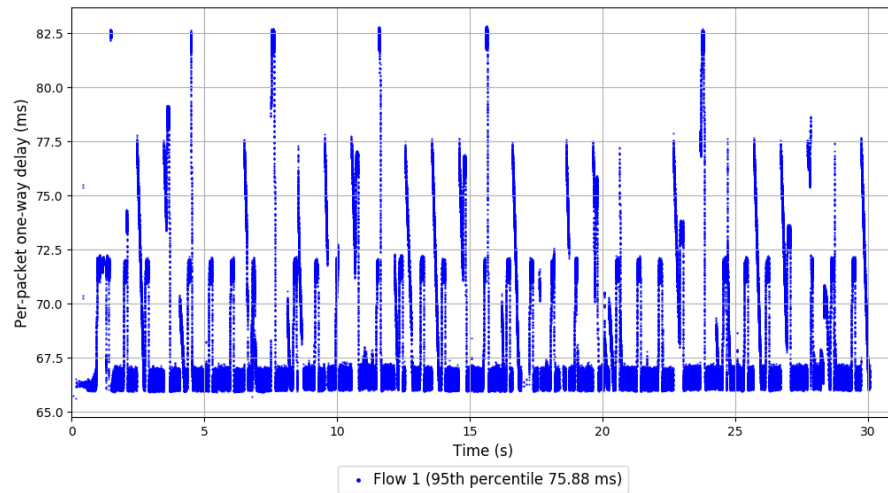
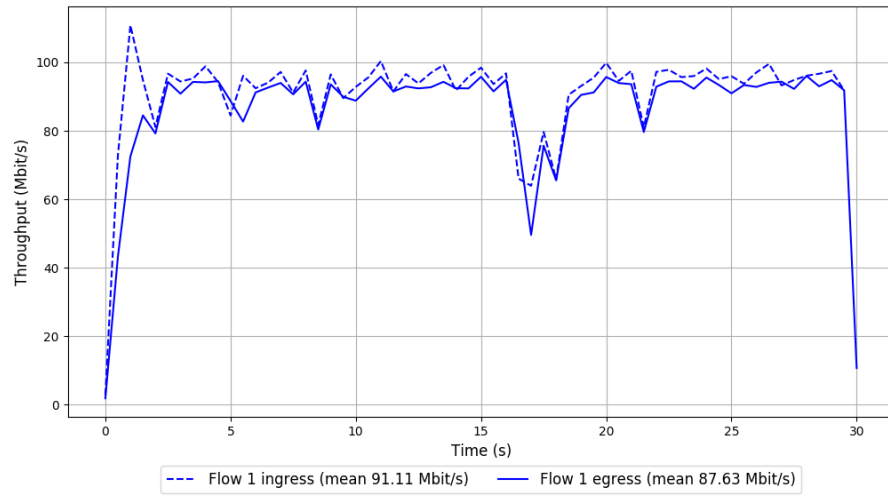
-- Flow 1:

Average throughput: 87.63 Mbit/s

95th percentile per-packet one-way delay: 75.876 ms

Loss rate: 3.82%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-04 10:58:26

End at: 2018-02-04 10:58:56

Local clock offset: -2.057 ms

Remote clock offset: 1.185 ms

Below is generated by plot.py at 2018-02-04 12:13:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.57 Mbit/s

95th percentile per-packet one-way delay: 78.309 ms

Loss rate: 3.53%

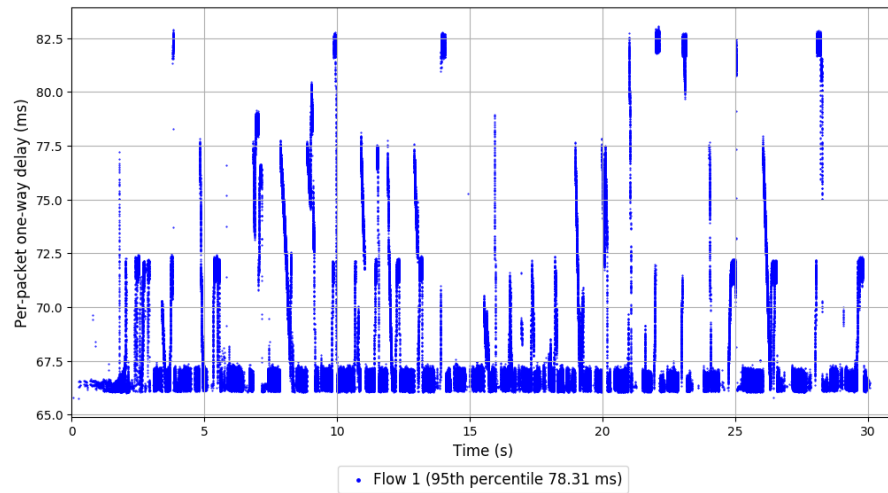
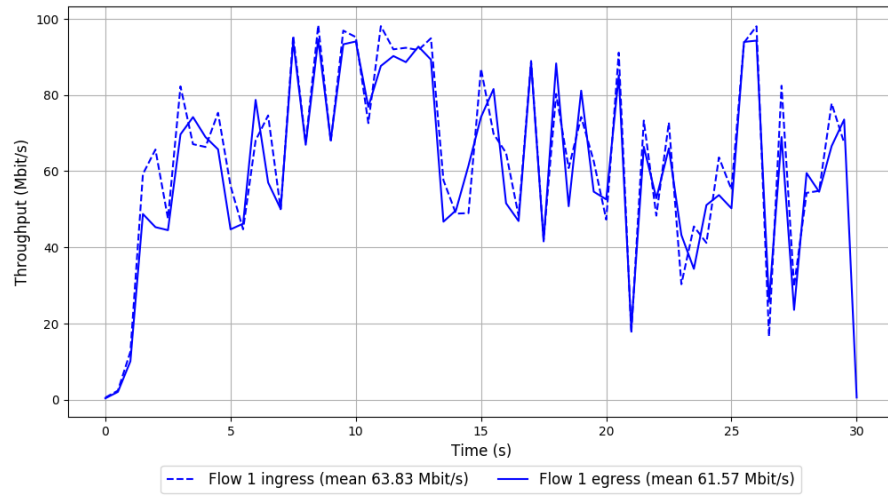
-- Flow 1:

Average throughput: 61.57 Mbit/s

95th percentile per-packet one-way delay: 78.309 ms

Loss rate: 3.53%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-04 11:20:53

End at: 2018-02-04 11:21:23

Local clock offset: -1.915 ms

Remote clock offset: 0.775 ms

Below is generated by plot.py at 2018-02-04 12:14:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.90 Mbit/s

95th percentile per-packet one-way delay: 74.131 ms

Loss rate: 3.73%

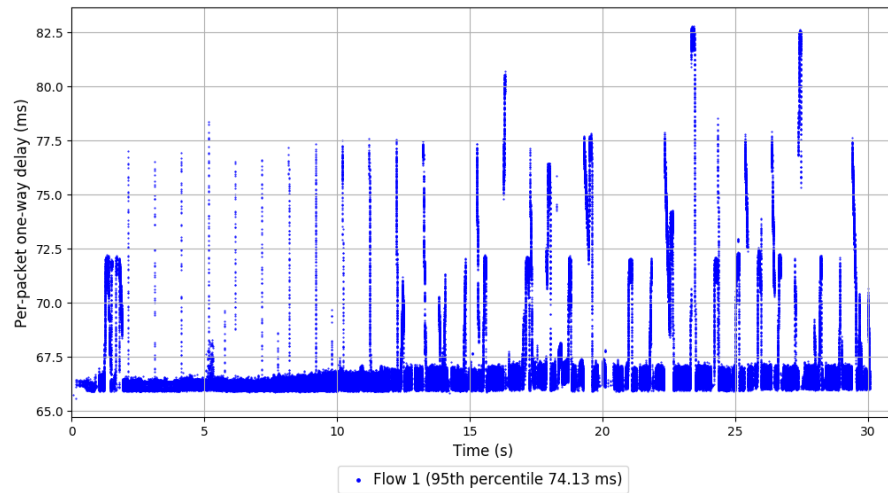
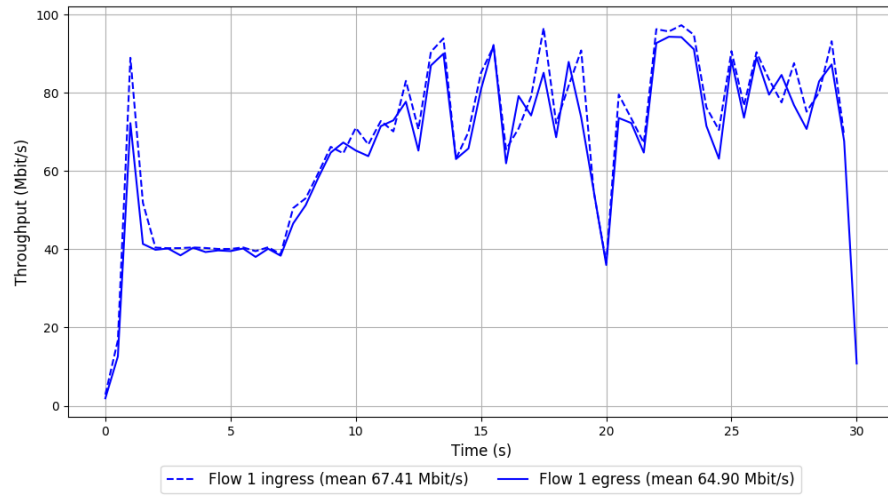
-- Flow 1:

Average throughput: 64.90 Mbit/s

95th percentile per-packet one-way delay: 74.131 ms

Loss rate: 3.73%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-02-04 11:42:26

End at: 2018-02-04 11:42:56

Local clock offset: -1.269 ms

Remote clock offset: -0.29 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.39 Mbit/s

95th percentile per-packet one-way delay: 71.194 ms

Loss rate: 5.41%

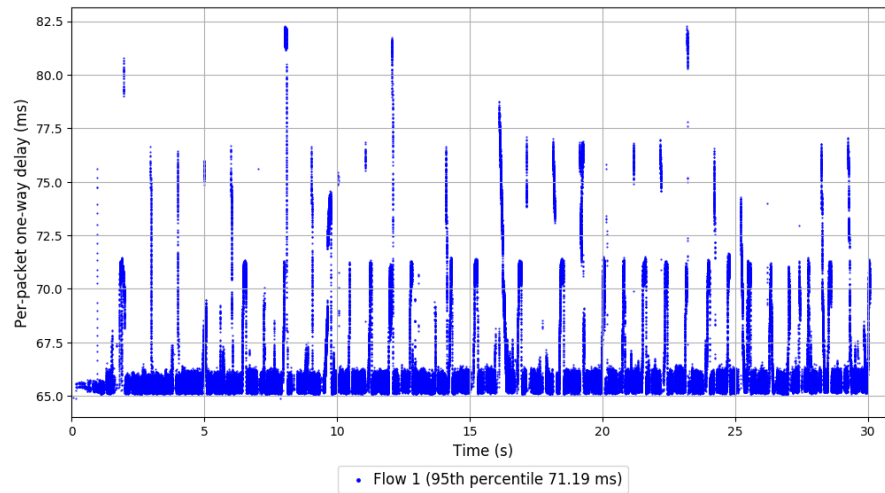
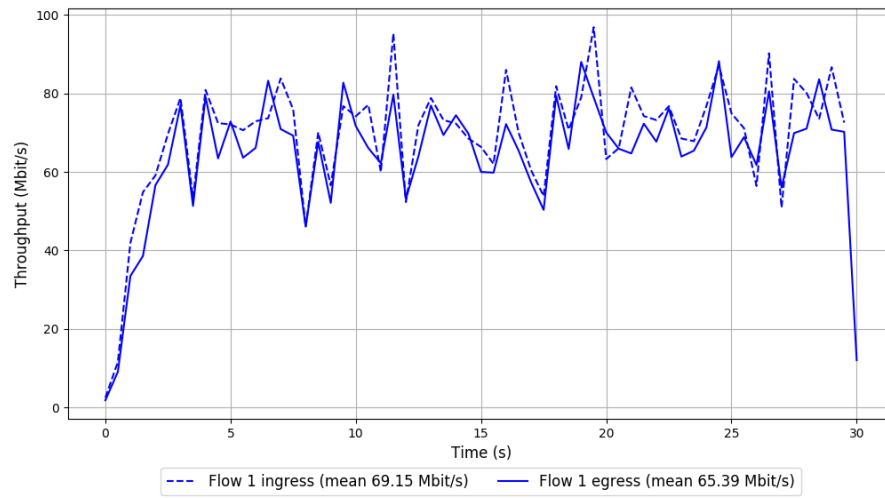
-- Flow 1:

Average throughput: 65.39 Mbit/s

95th percentile per-packet one-way delay: 71.194 ms

Loss rate: 5.41%

Run 10: Report of TCP BBR — Data Link

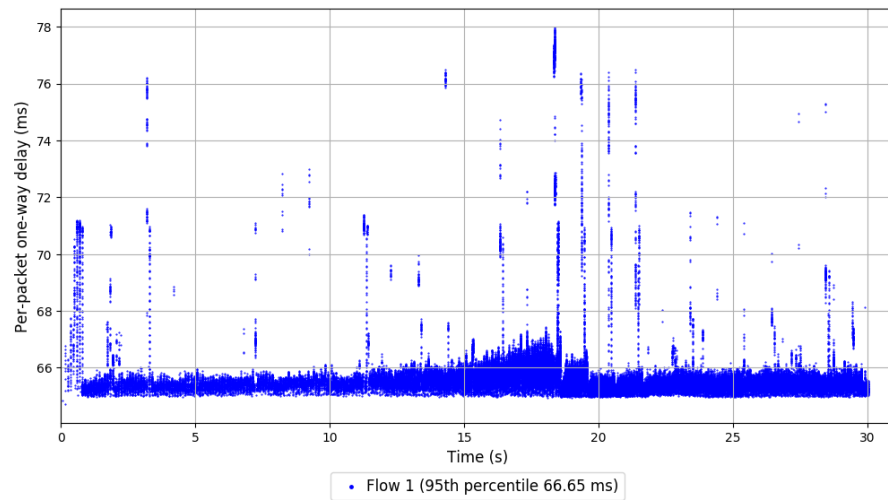
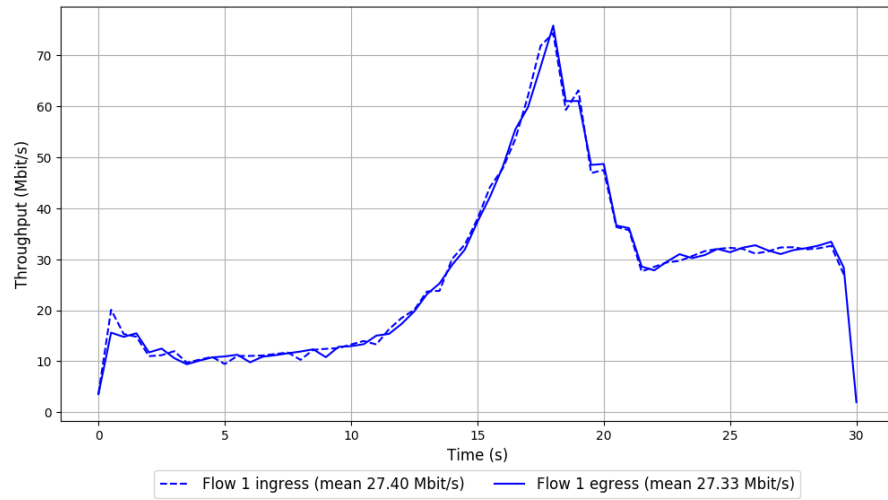


Run 1: Statistics of TCP Cubic

Start at: 2018-02-04 08:10:29
End at: 2018-02-04 08:10:59
Local clock offset: 0.806 ms
Remote clock offset: 10.602 ms

Below is generated by plot.py at 2018-02-04 12:14:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 66.651 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 27.33 Mbit/s
95th percentile per-packet one-way delay: 66.651 ms
Loss rate: 0.26%

Run 1: Report of TCP Cubic — Data Link

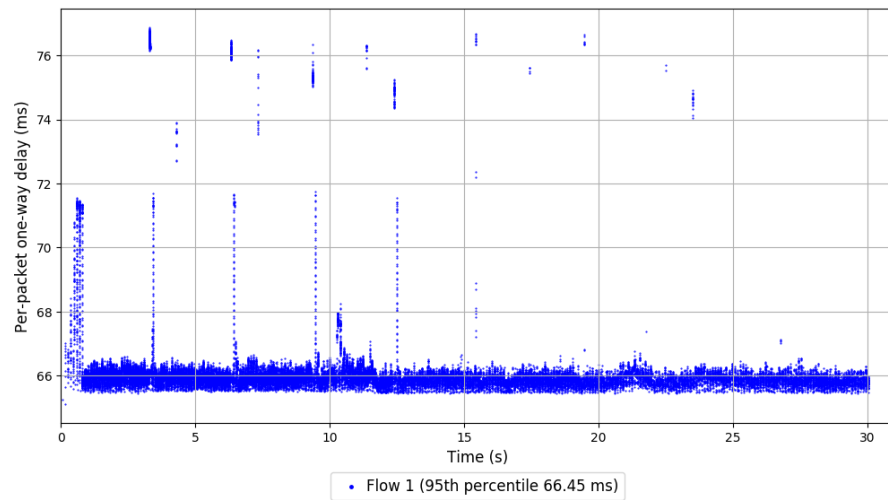
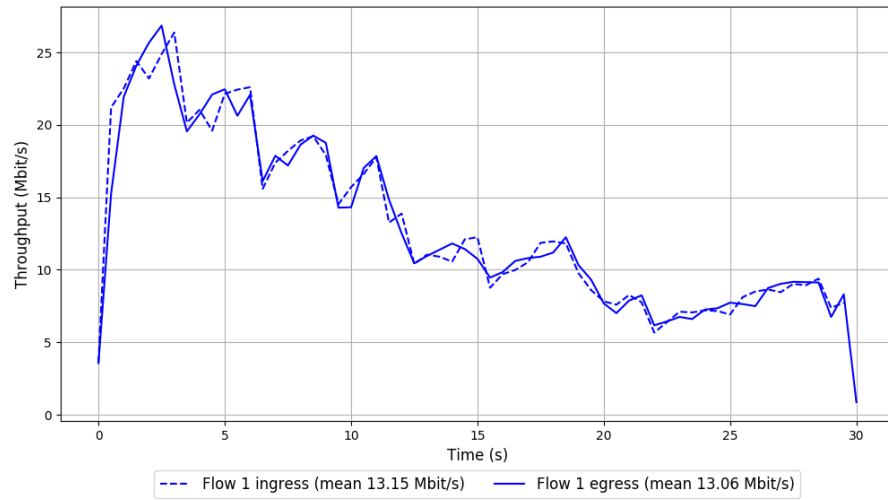


Run 2: Statistics of TCP Cubic

Start at: 2018-02-04 08:32:14
End at: 2018-02-04 08:32:44
Local clock offset: 0.144 ms
Remote clock offset: 11.001 ms

Below is generated by plot.py at 2018-02-04 12:14:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 66.454 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 66.454 ms
Loss rate: 0.67%

Run 2: Report of TCP Cubic — Data Link

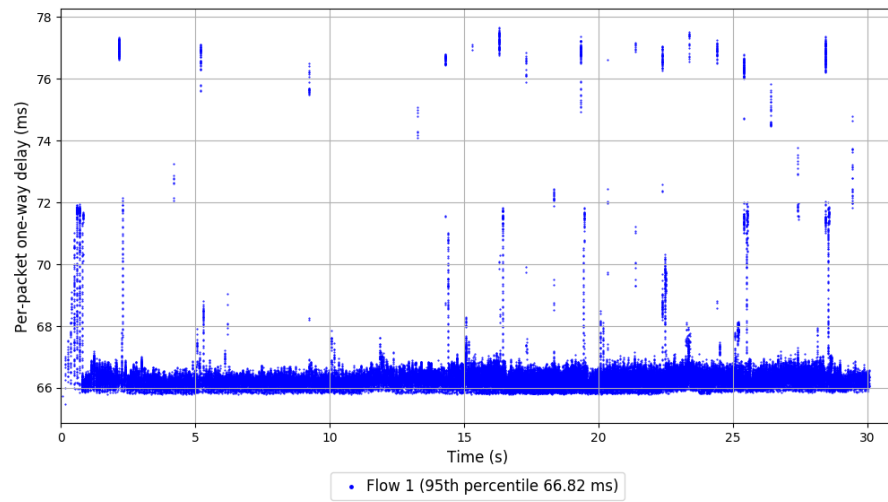
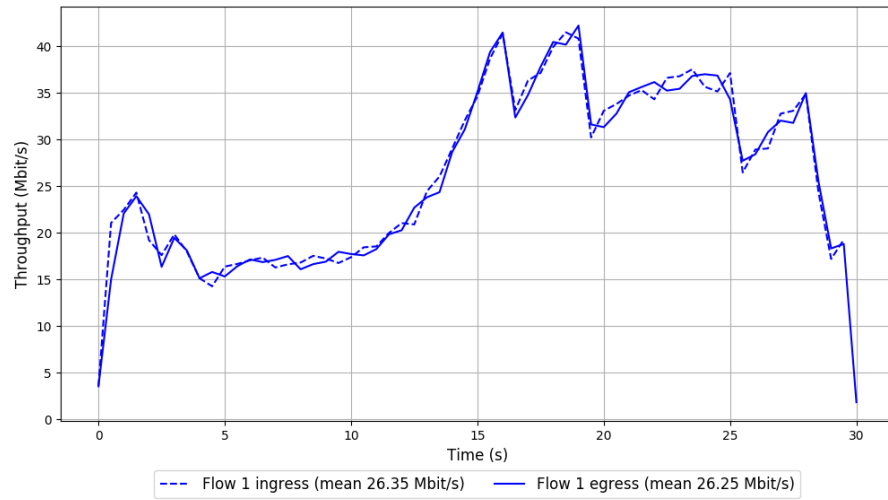


Run 3: Statistics of TCP Cubic

Start at: 2018-02-04 08:53:53
End at: 2018-02-04 08:54:23
Local clock offset: -0.609 ms
Remote clock offset: 10.401 ms

Below is generated by plot.py at 2018-02-04 12:14:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.25 Mbit/s
95th percentile per-packet one-way delay: 66.821 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 26.25 Mbit/s
95th percentile per-packet one-way delay: 66.821 ms
Loss rate: 0.38%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-02-04 09:15:39

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

Local clock offset: -0.401 ms

Remote clock offset: 8.503 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.01 Mbit/s

95th percentile per-packet one-way delay: 65.812 ms

Loss rate: 0.46%

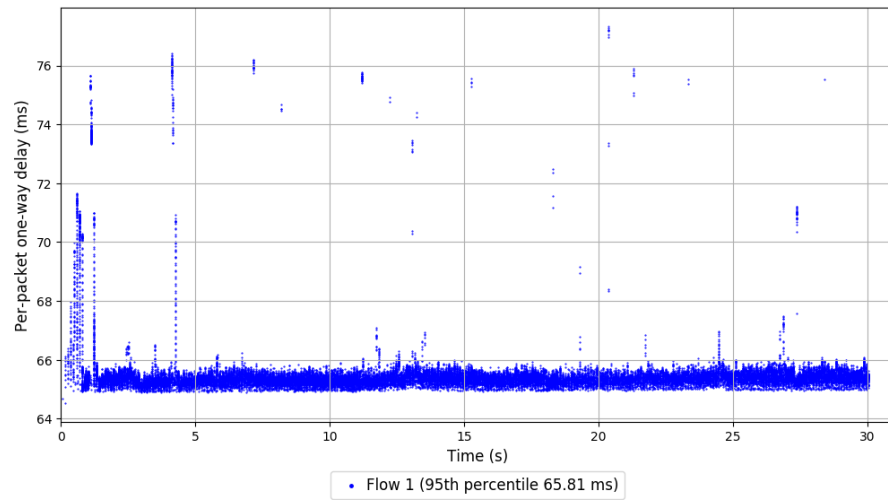
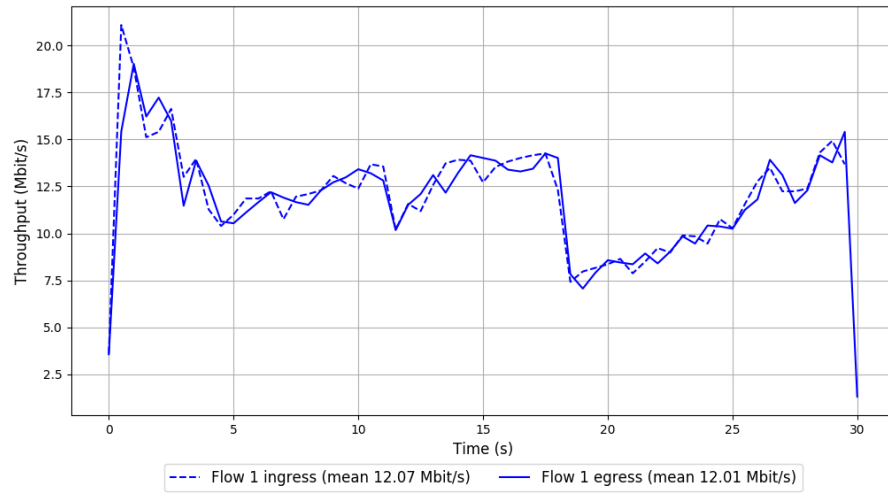
-- Flow 1:

Average throughput: 12.01 Mbit/s

95th percentile per-packet one-way delay: 65.812 ms

Loss rate: 0.46%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-02-04 09:37:20

End at: 2018-02-04 09:37:50

Local clock offset: -0.892 ms

Remote clock offset: 4.692 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.87 Mbit/s

95th percentile per-packet one-way delay: 66.331 ms

Loss rate: 0.99%

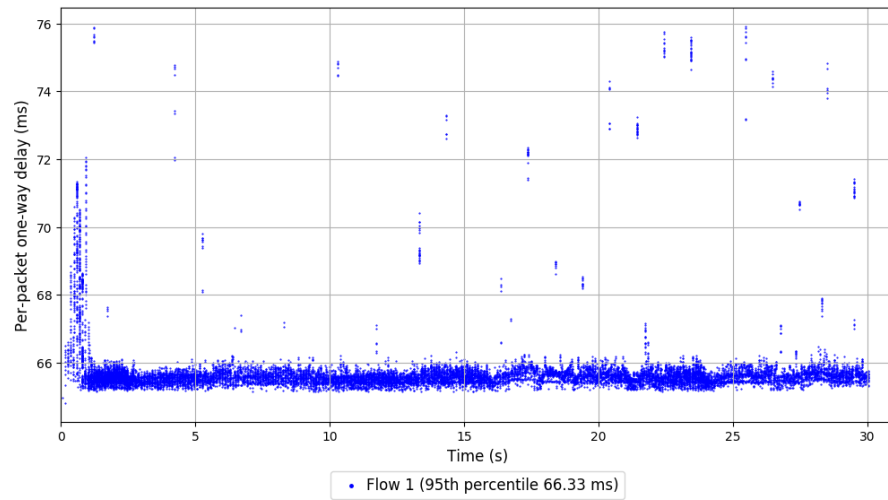
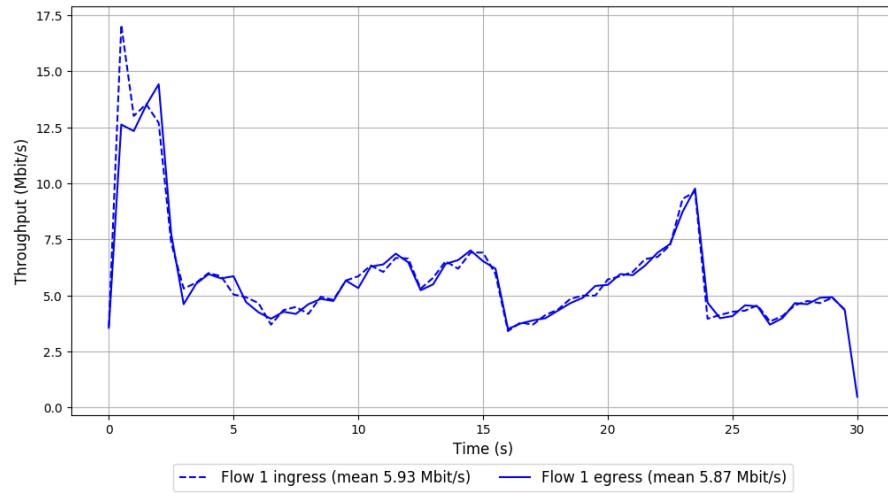
-- Flow 1:

Average throughput: 5.87 Mbit/s

95th percentile per-packet one-way delay: 66.331 ms

Loss rate: 0.99%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-02-04 10:01:20

End at: 2018-02-04 10:01:50

Local clock offset: -1.213 ms

Remote clock offset: 2.494 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.32 Mbit/s

95th percentile per-packet one-way delay: 66.515 ms

Loss rate: 0.64%

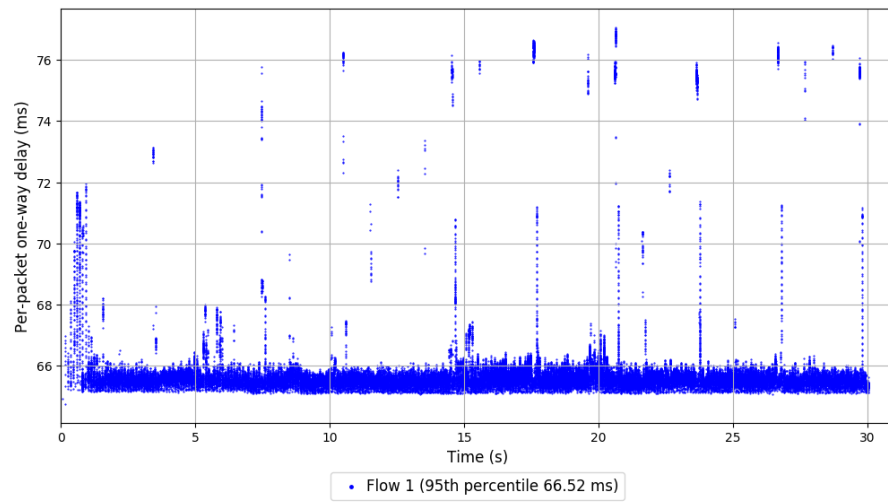
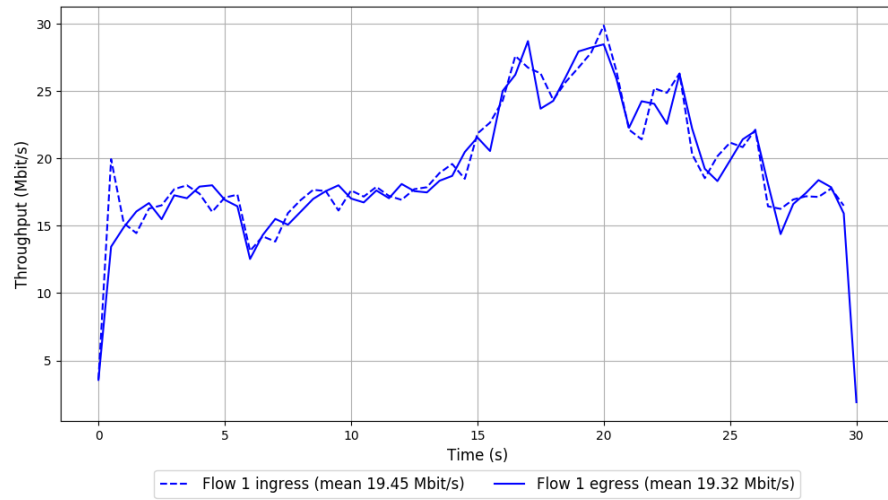
-- Flow 1:

Average throughput: 19.32 Mbit/s

95th percentile per-packet one-way delay: 66.515 ms

Loss rate: 0.64%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-02-04 10:23:01

End at: 2018-02-04 10:23:31

Local clock offset: -1.486 ms

Remote clock offset: 1.86 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.19 Mbit/s

95th percentile per-packet one-way delay: 66.630 ms

Loss rate: 0.68%

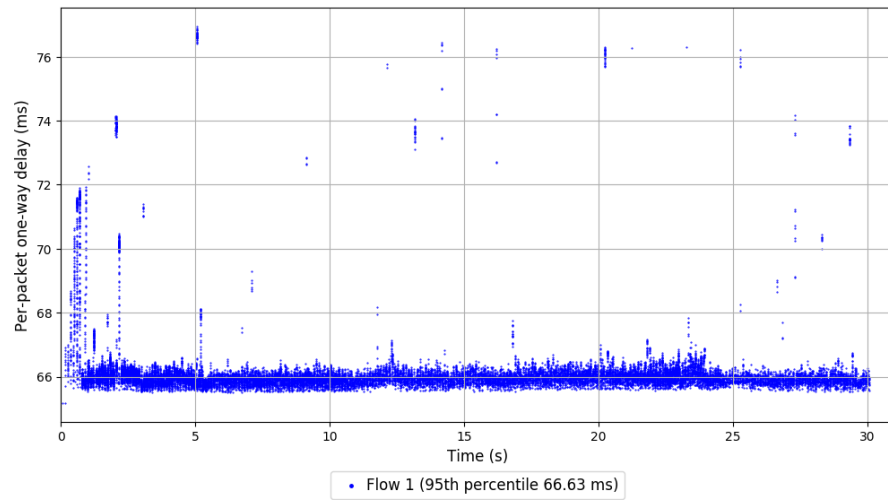
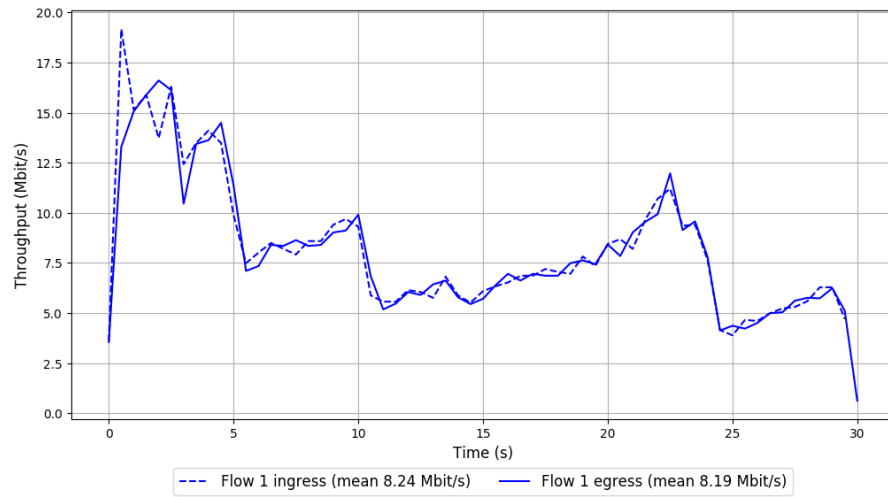
-- Flow 1:

Average throughput: 8.19 Mbit/s

95th percentile per-packet one-way delay: 66.630 ms

Loss rate: 0.68%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-02-04 10:51:11

End at: 2018-02-04 10:51:41

Local clock offset: -1.324 ms

Remote clock offset: 1.379 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.22 Mbit/s

95th percentile per-packet one-way delay: 67.299 ms

Loss rate: 1.30%

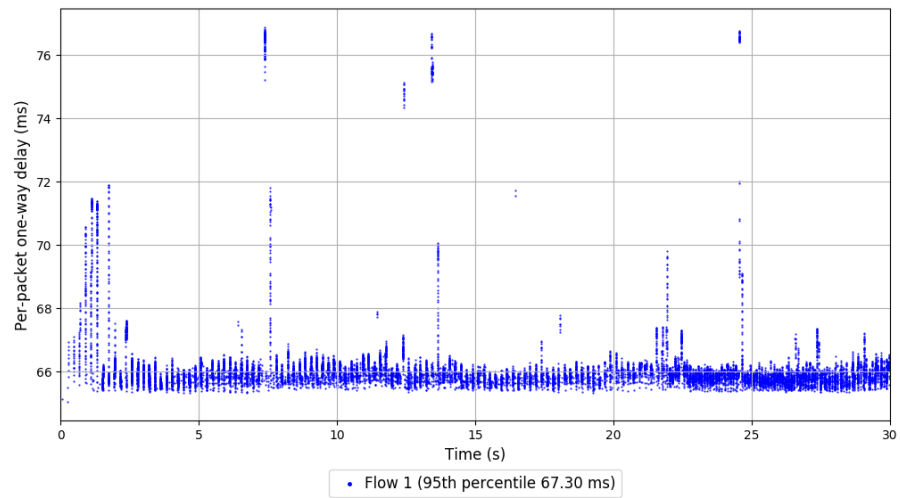
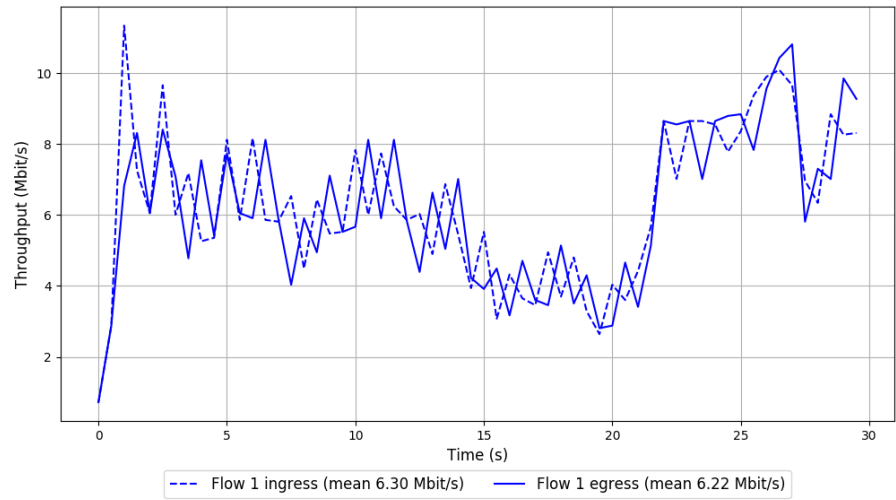
-- Flow 1:

Average throughput: 6.22 Mbit/s

95th percentile per-packet one-way delay: 67.299 ms

Loss rate: 1.30%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-02-04 11:16:08

End at: 2018-02-04 11:16:38

Local clock offset: -1.575 ms

Remote clock offset: 0.861 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 68.634 ms

Loss rate: 2.66%

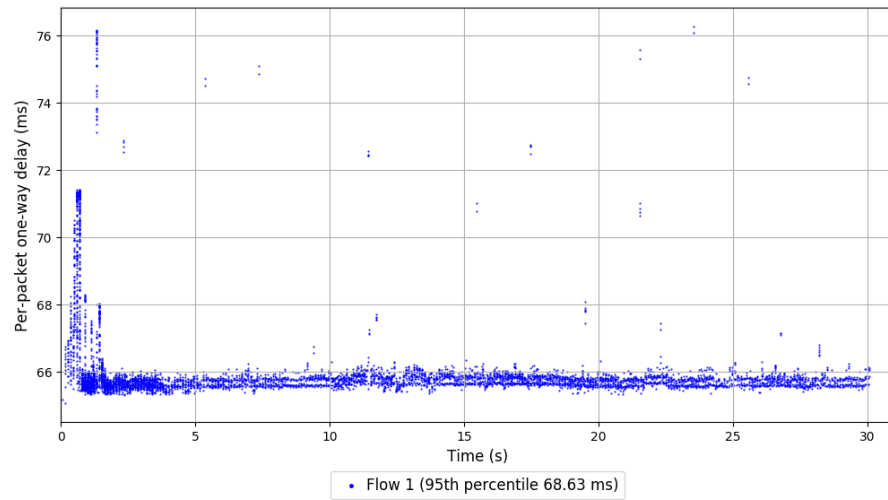
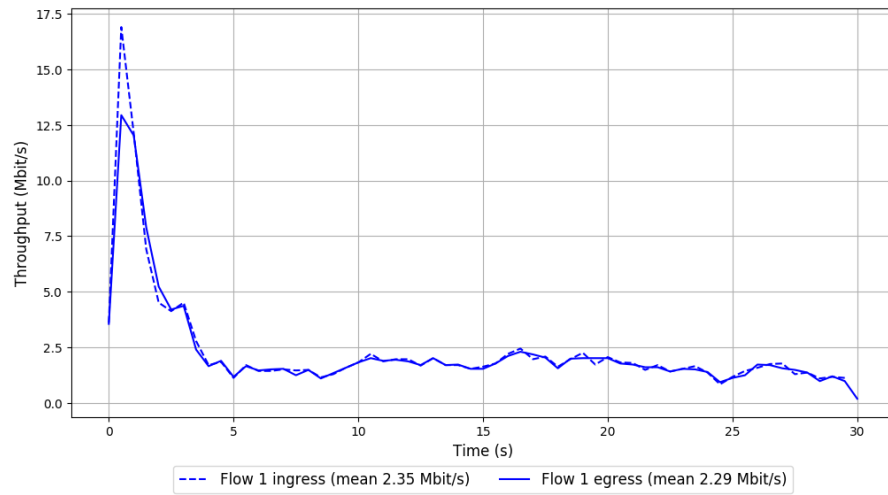
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 68.634 ms

Loss rate: 2.66%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-04 11:37:38

End at: 2018-02-04 11:38:08

Local clock offset: -1.851 ms

Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 66.663 ms

Loss rate: 3.10%

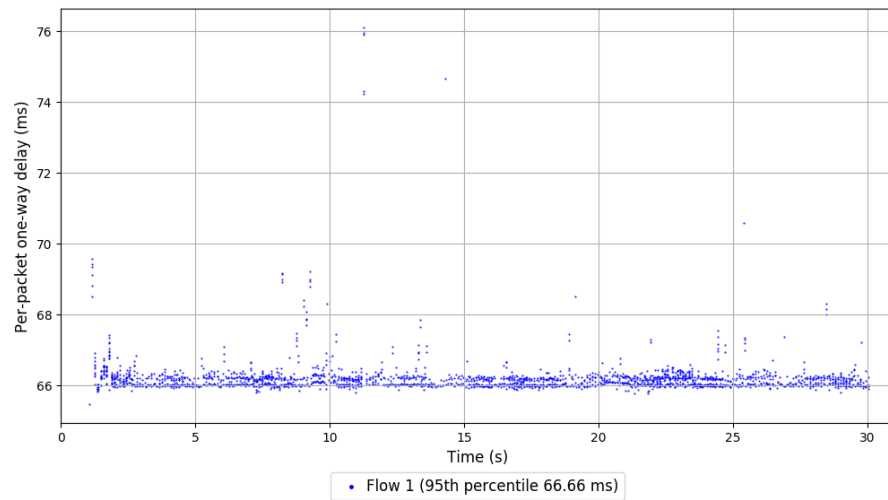
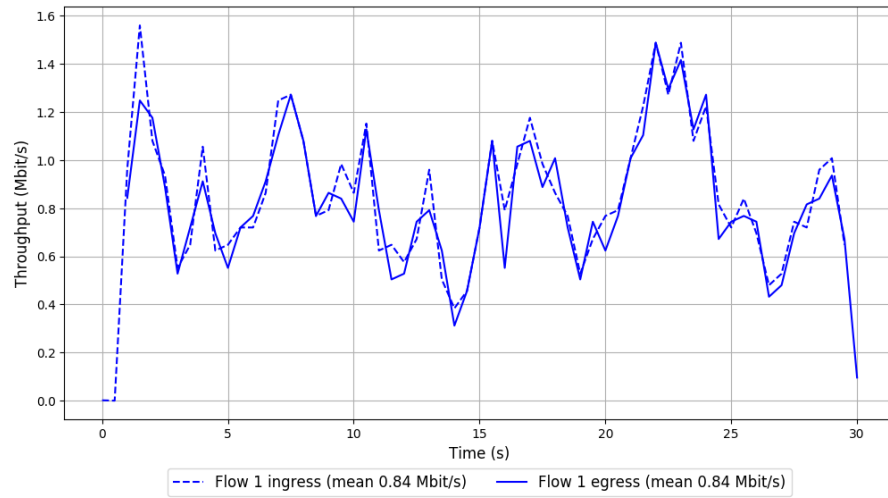
-- Flow 1:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 66.663 ms

Loss rate: 3.10%

Run 10: Report of TCP Cubic — Data Link

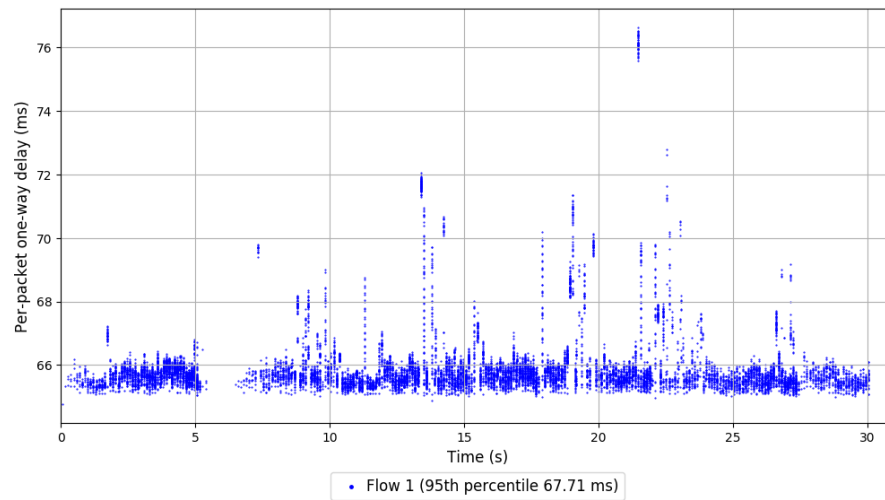
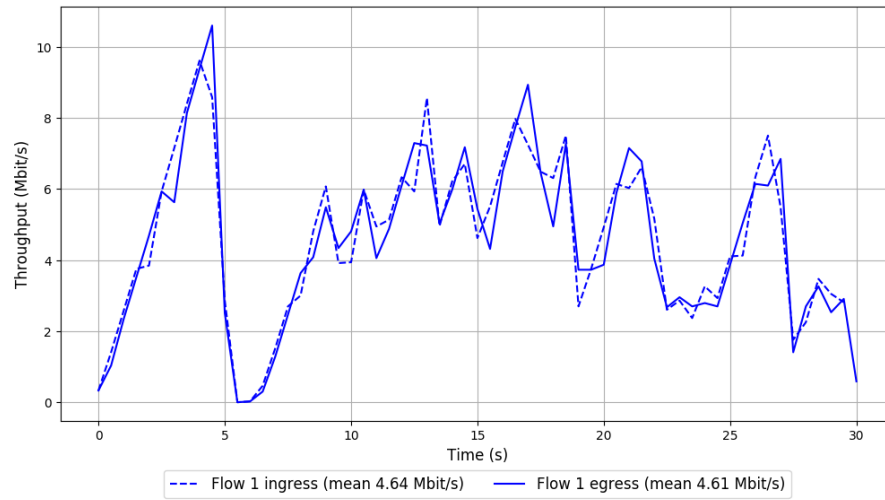


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-04 08:19:01
End at: 2018-02-04 08:19:31
Local clock offset: 0.606 ms
Remote clock offset: 10.743 ms

# Below is generated by plot.py at 2018-02-04 12:14:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.61 Mbit/s
95th percentile per-packet one-way delay: 67.713 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 4.61 Mbit/s
95th percentile per-packet one-way delay: 67.713 ms
Loss rate: 0.75%
```

Run 1: Report of LEDBAT — Data Link

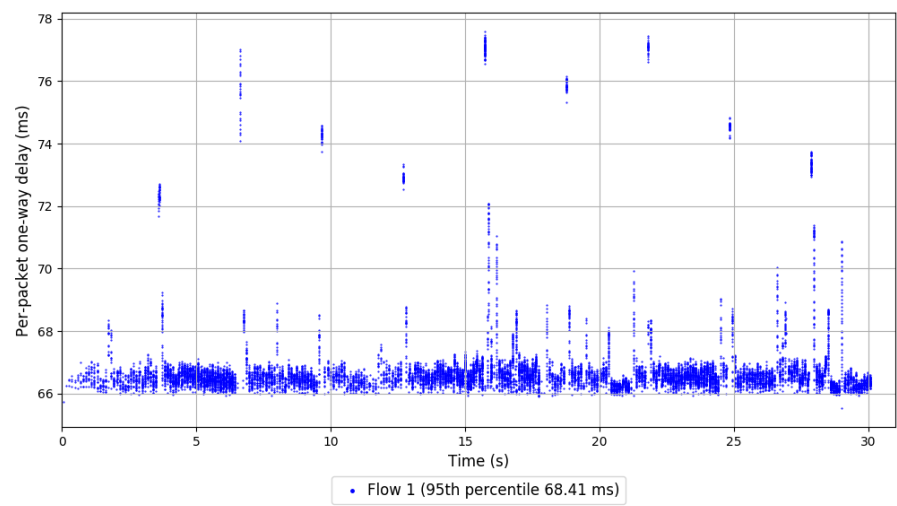
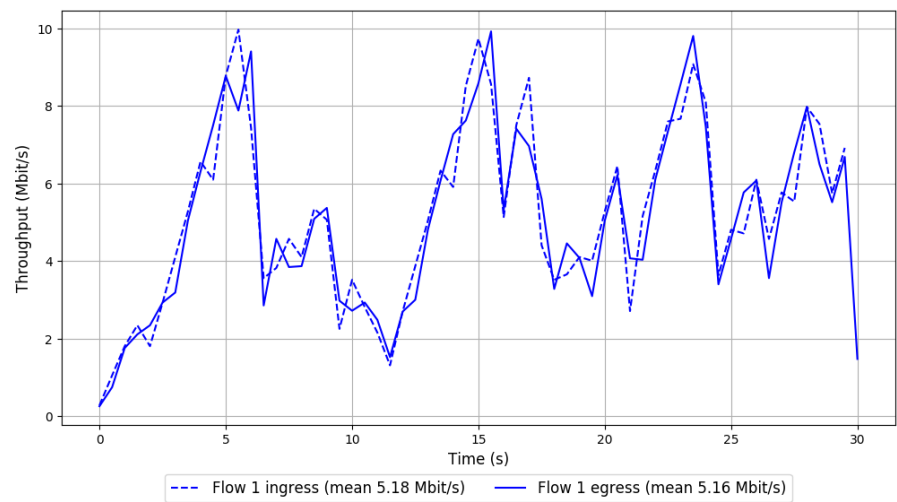


Run 2: Statistics of LEDBAT

Start at: 2018-02-04 08:40:42
End at: 2018-02-04 08:41:12
Local clock offset: -0.453 ms
Remote clock offset: 10.717 ms

Below is generated by plot.py at 2018-02-04 12:14:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 68.407 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 68.407 ms
Loss rate: 0.39%

Run 2: Report of LEDBAT — Data Link

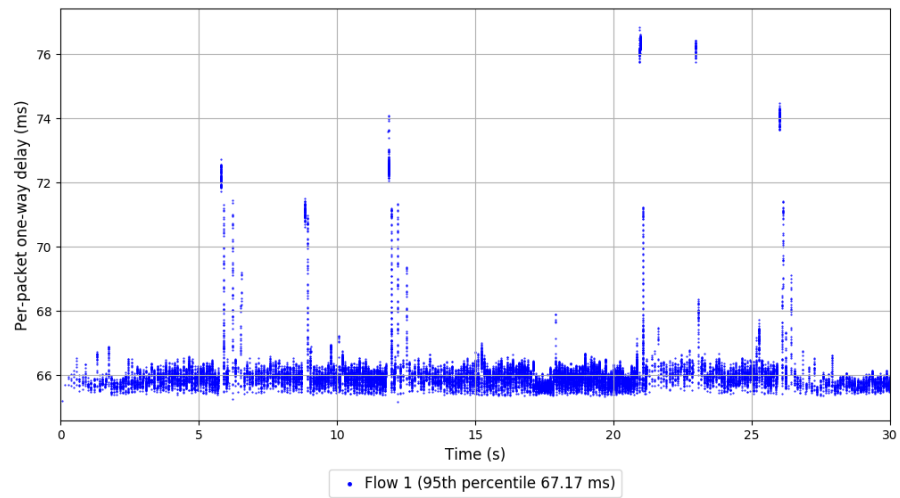
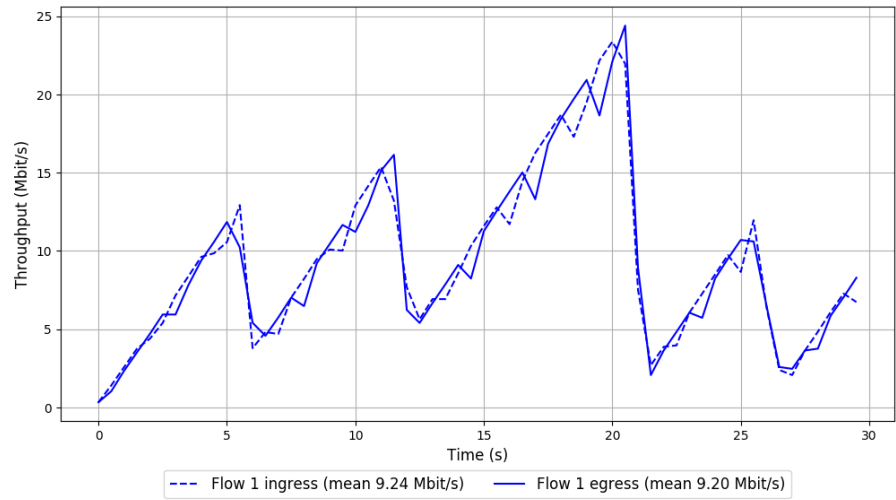


Run 3: Statistics of LEDBAT

Start at: 2018-02-04 09:02:27
End at: 2018-02-04 09:02:57
Local clock offset: -0.401 ms
Remote clock offset: 10.229 ms

Below is generated by plot.py at 2018-02-04 12:14:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 67.167 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 67.167 ms
Loss rate: 0.47%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-02-04 09:24:08

End at: 2018-02-04 09:24:38

Local clock offset: -0.73 ms

Remote clock offset: 6.947 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.06 Mbit/s

95th percentile per-packet one-way delay: 67.103 ms

Loss rate: 0.44%

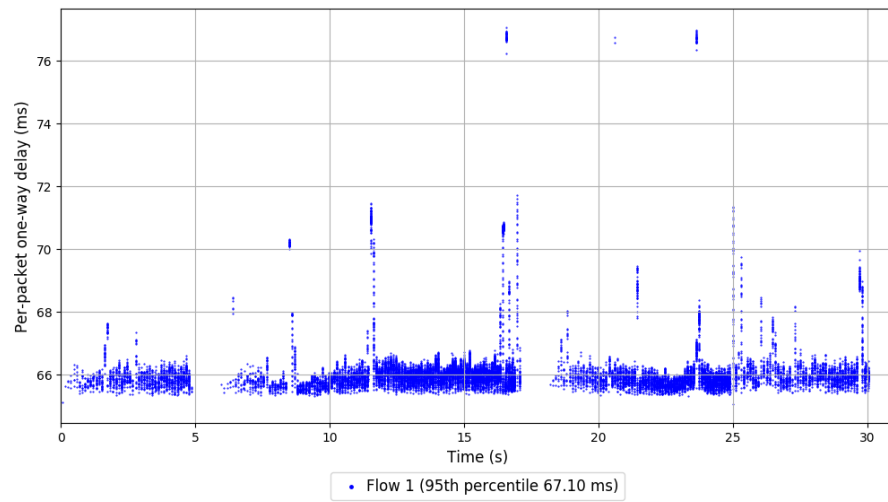
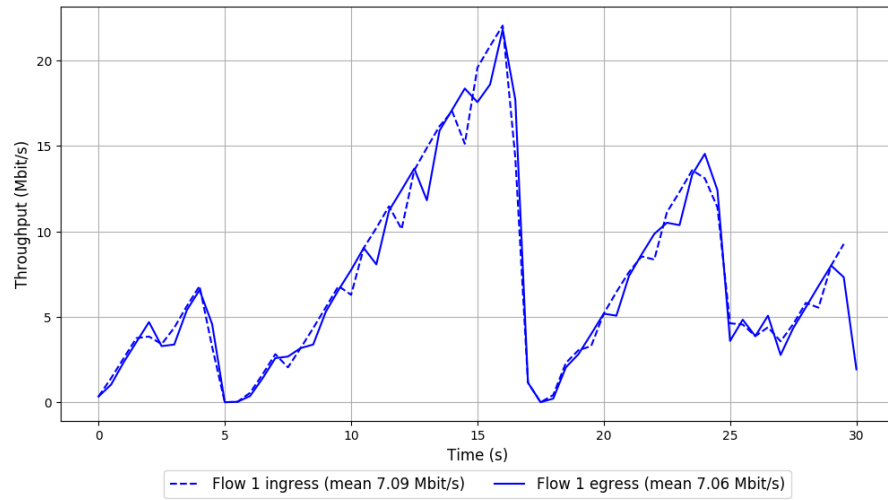
-- Flow 1:

Average throughput: 7.06 Mbit/s

95th percentile per-packet one-way delay: 67.103 ms

Loss rate: 0.44%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-02-04 09:46:34

End at: 2018-02-04 09:47:04

Local clock offset: -1.0 ms

Remote clock offset: 3.54 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.31 Mbit/s

95th percentile per-packet one-way delay: 66.405 ms

Loss rate: 0.10%

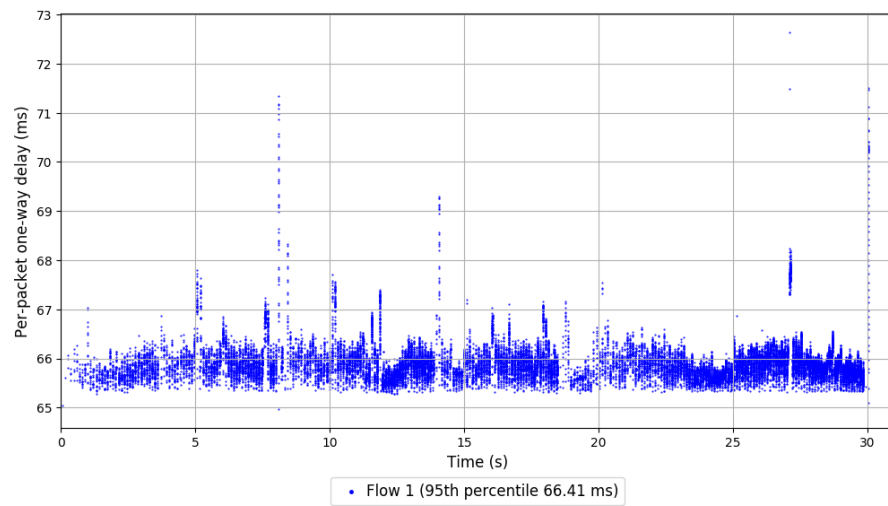
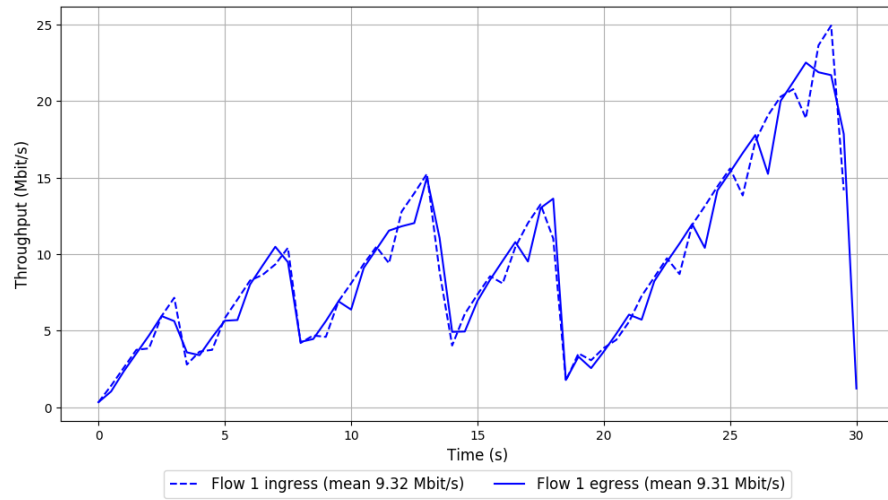
-- Flow 1:

Average throughput: 9.31 Mbit/s

95th percentile per-packet one-way delay: 66.405 ms

Loss rate: 0.10%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-04 10:09:50

End at: 2018-02-04 10:10:20

Local clock offset: -1.31 ms

Remote clock offset: 2.071 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.08 Mbit/s

95th percentile per-packet one-way delay: 66.230 ms

Loss rate: 0.35%

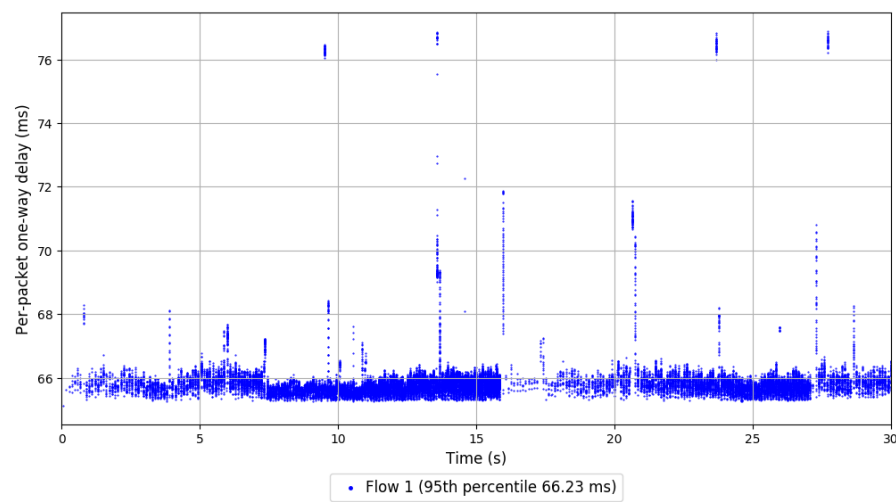
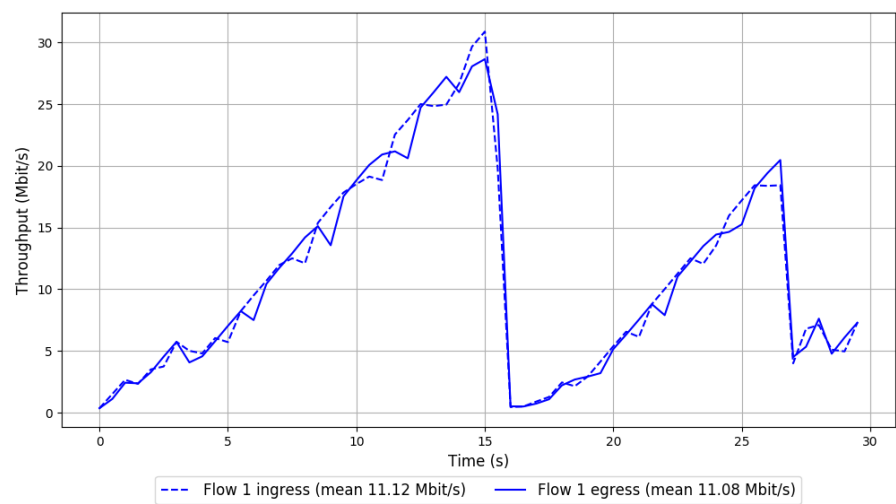
-- Flow 1:

Average throughput: 11.08 Mbit/s

95th percentile per-packet one-way delay: 66.230 ms

Loss rate: 0.35%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-04 10:31:29

End at: 2018-02-04 10:31:59

Local clock offset: -1.494 ms

Remote clock offset: 1.745 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.42 Mbit/s

95th percentile per-packet one-way delay: 66.437 ms

Loss rate: 0.50%

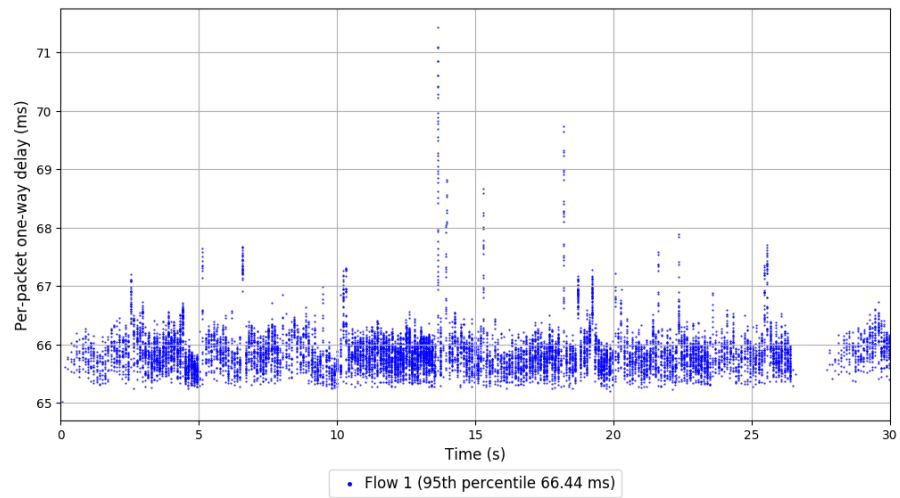
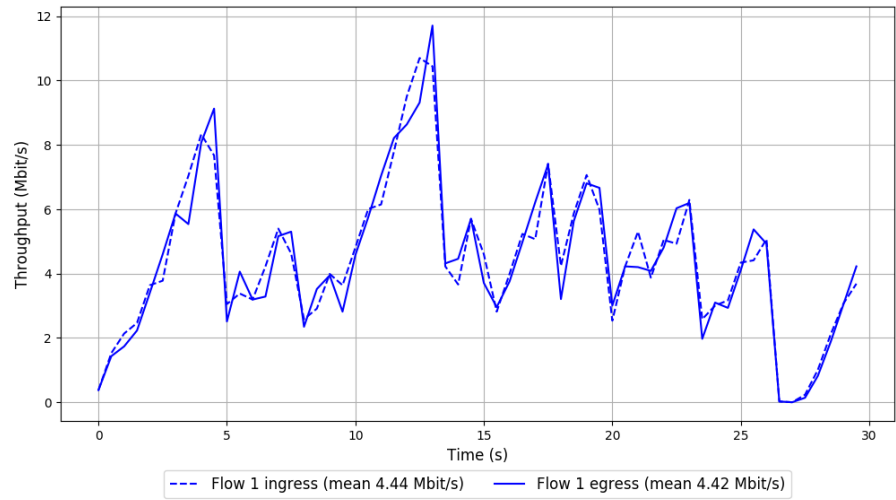
-- Flow 1:

Average throughput: 4.42 Mbit/s

95th percentile per-packet one-way delay: 66.437 ms

Loss rate: 0.50%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-02-04 11:02:59

End at: 2018-02-04 11:03:29

Local clock offset: -1.435 ms

Remote clock offset: 1.054 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 66.767 ms

Loss rate: 0.73%

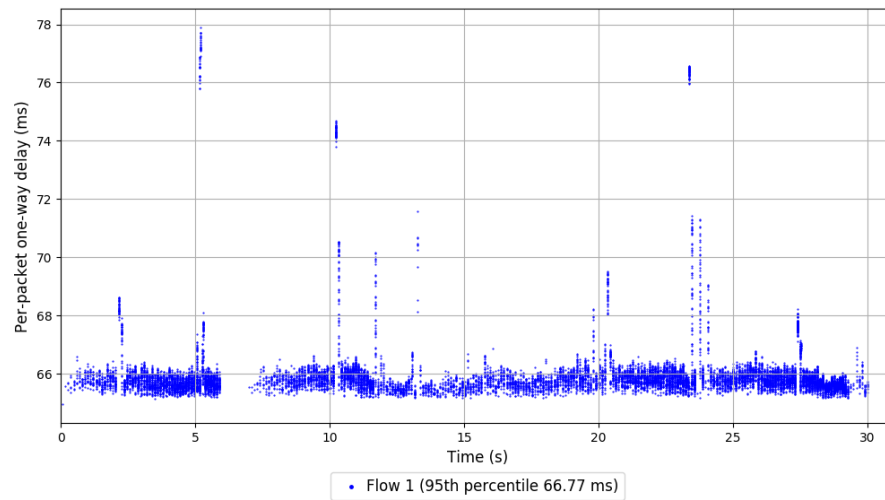
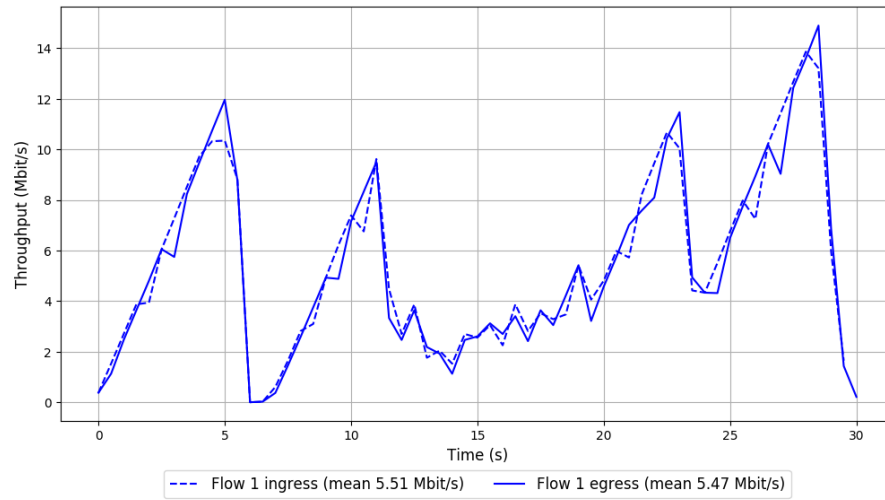
-- Flow 1:

Average throughput: 5.47 Mbit/s

95th percentile per-packet one-way delay: 66.767 ms

Loss rate: 0.73%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-04 11:24:37

End at: 2018-02-04 11:25:07

Local clock offset: -1.846 ms

Remote clock offset: 0.701 ms

Below is generated by plot.py at 2018-02-04 12:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.94 Mbit/s

95th percentile per-packet one-way delay: 66.982 ms

Loss rate: 2.62%

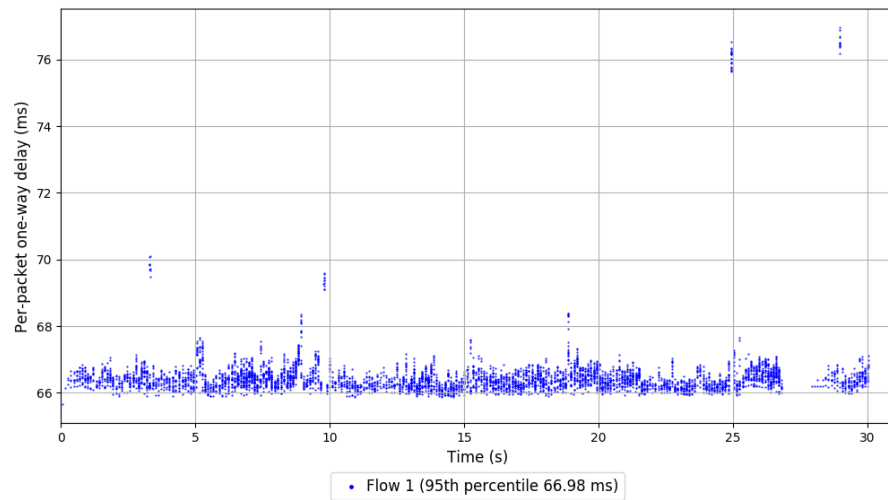
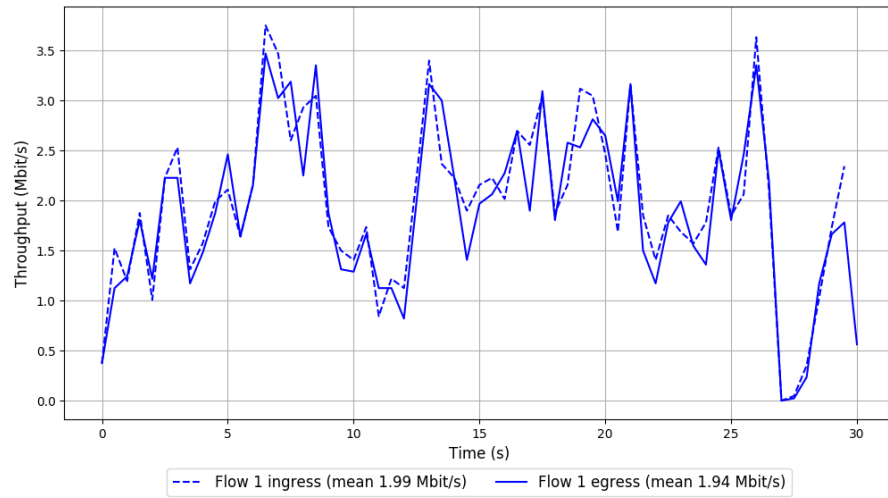
-- Flow 1:

Average throughput: 1.94 Mbit/s

95th percentile per-packet one-way delay: 66.982 ms

Loss rate: 2.62%

Run 9: Report of LEDBAT — Data Link

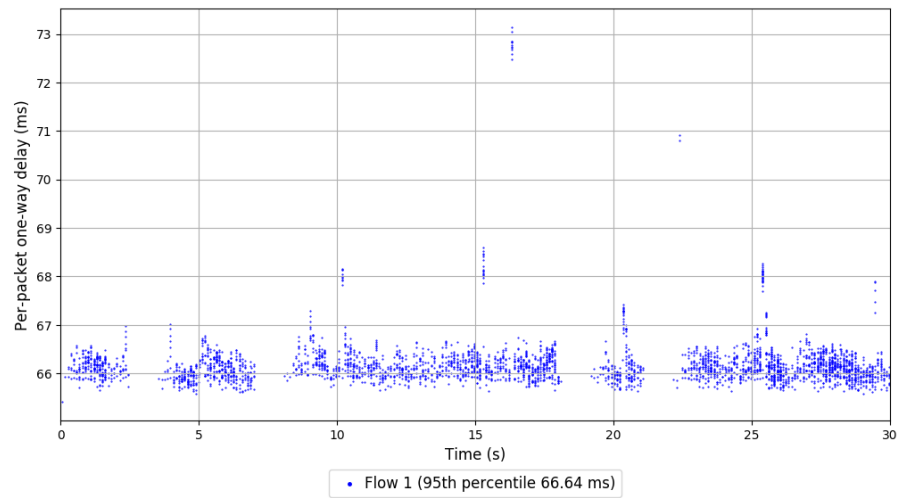
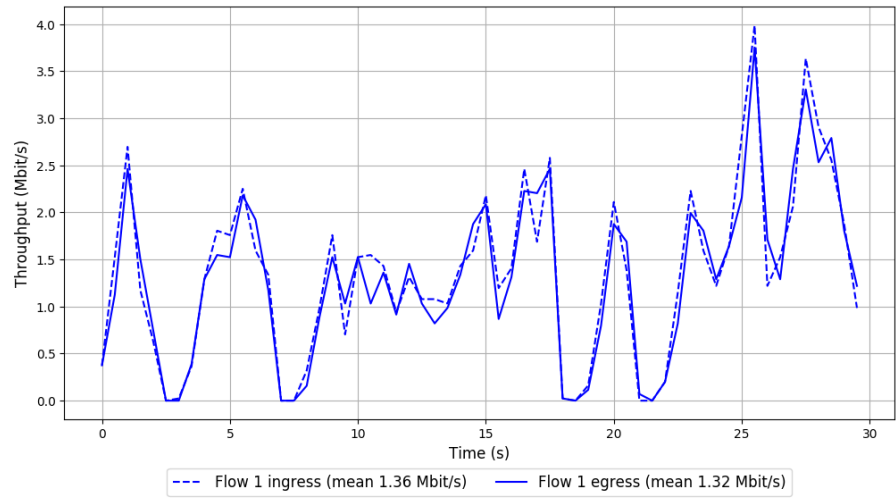


Run 10: Statistics of LEDBAT

Start at: 2018-02-04 11:46:12
End at: 2018-02-04 11:46:42
Local clock offset: -1.682 ms
Remote clock offset: -0.317 ms

Below is generated by plot.py at 2018-02-04 12:14:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 66.641 ms
Loss rate: 3.31%
-- Flow 1:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 66.641 ms
Loss rate: 3.31%

Run 10: Report of LEDBAT — Data Link

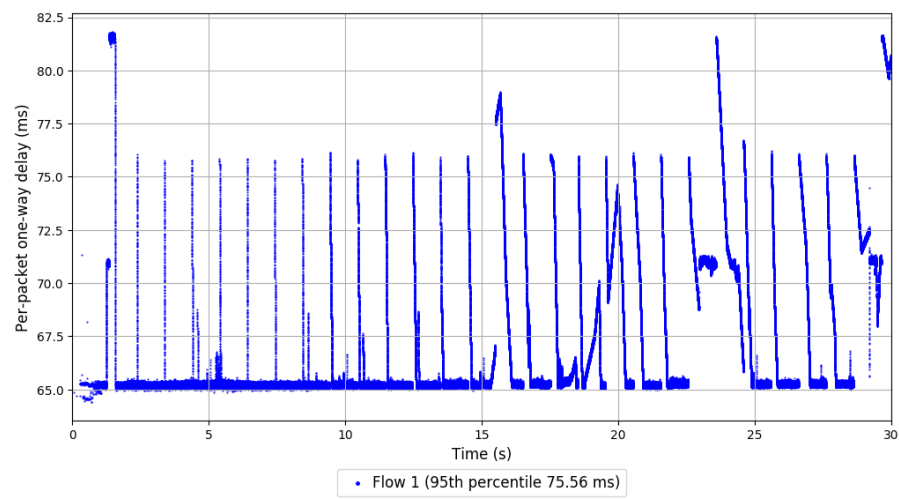
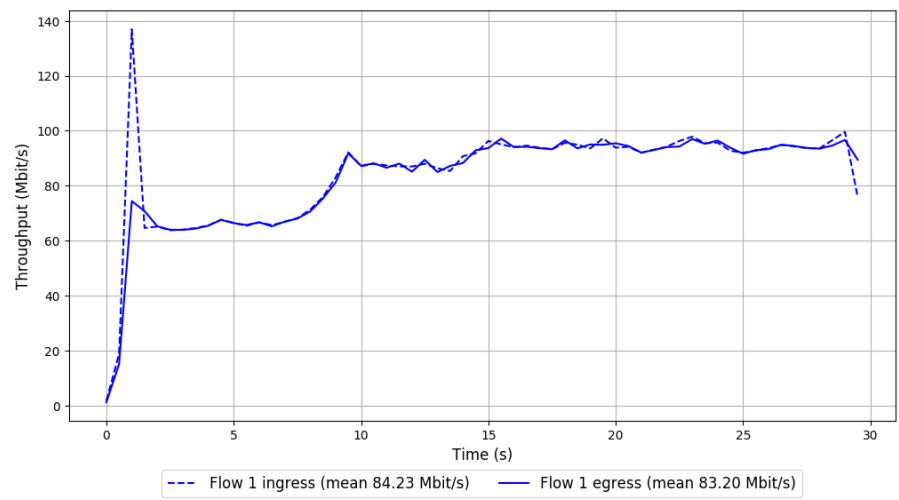


Run 1: Statistics of PCC

Start at: 2018-02-04 08:06:55
End at: 2018-02-04 08:07:25
Local clock offset: 0.836 ms
Remote clock offset: 10.582 ms

Below is generated by plot.py at 2018-02-04 12:15:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 75.556 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 75.556 ms
Loss rate: 1.17%

Run 1: Report of PCC — Data Link

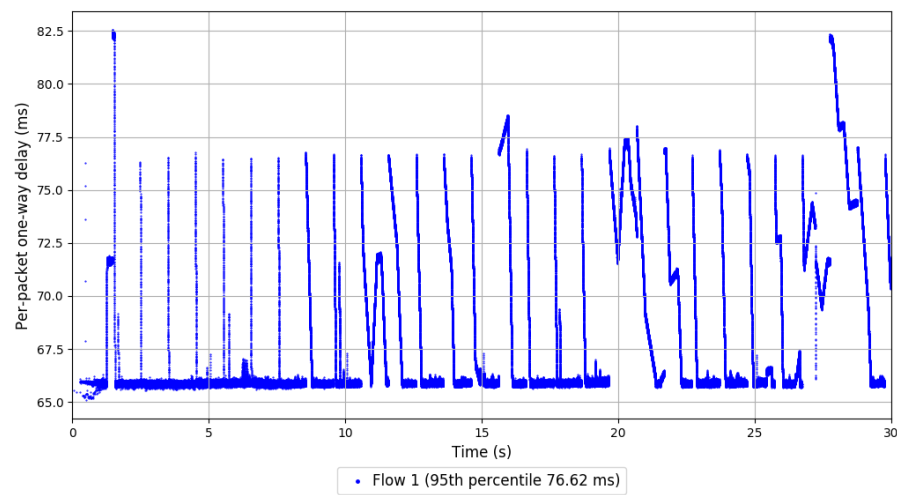
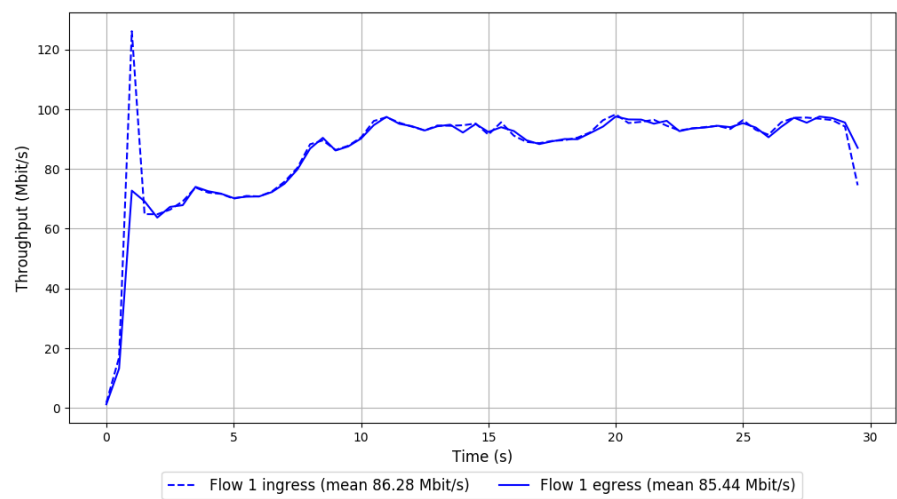


Run 2: Statistics of PCC

Start at: 2018-02-04 08:28:39
End at: 2018-02-04 08:29:09
Local clock offset: -0.31 ms
Remote clock offset: 10.859 ms

Below is generated by plot.py at 2018-02-04 12:15:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.44 Mbit/s
95th percentile per-packet one-way delay: 76.622 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 85.44 Mbit/s
95th percentile per-packet one-way delay: 76.622 ms
Loss rate: 0.96%

Run 2: Report of PCC — Data Link

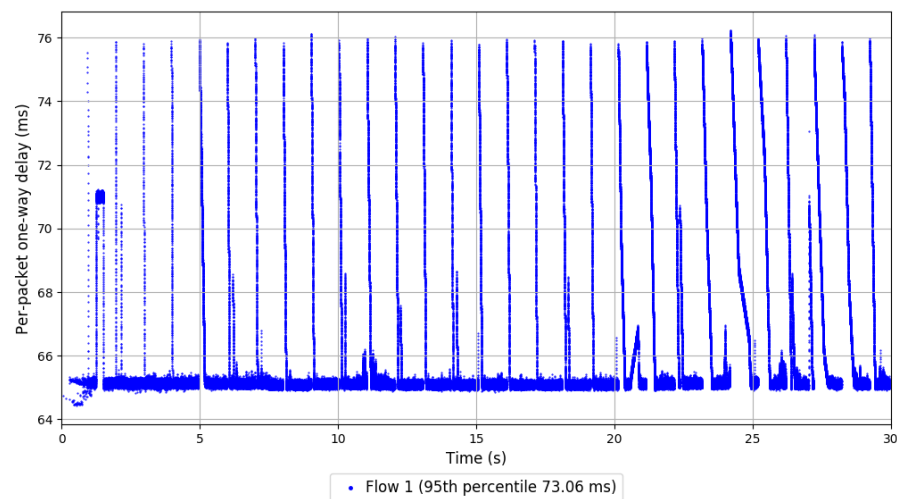
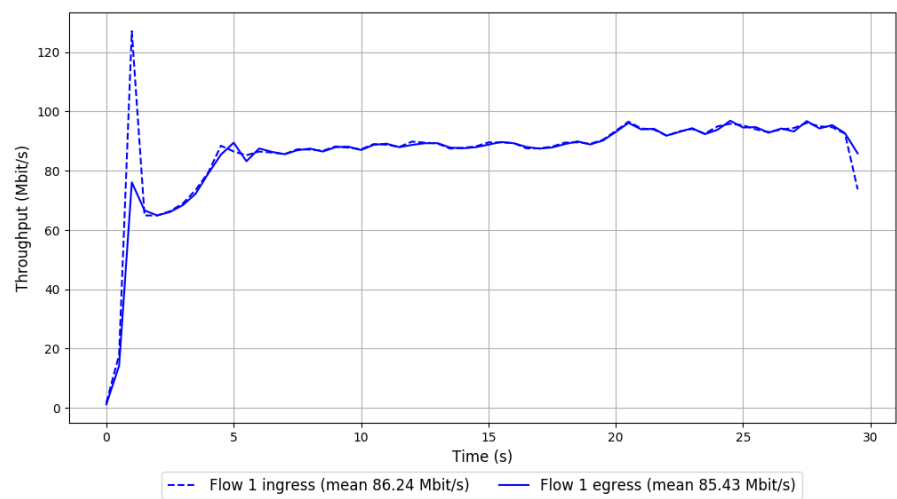


Run 3: Statistics of PCC

Start at: 2018-02-04 08:50:19
End at: 2018-02-04 08:50:49
Local clock offset: -0.018 ms
Remote clock offset: 10.366 ms

Below is generated by plot.py at 2018-02-04 12:15:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 73.057 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 73.057 ms
Loss rate: 0.95%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-04 09:12:04

End at: 2018-02-04 09:12:34

Local clock offset: -0.451 ms

Remote clock offset: 9.162 ms

Below is generated by plot.py at 2018-02-04 12:15:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.57 Mbit/s

95th percentile per-packet one-way delay: 76.328 ms

Loss rate: 1.01%

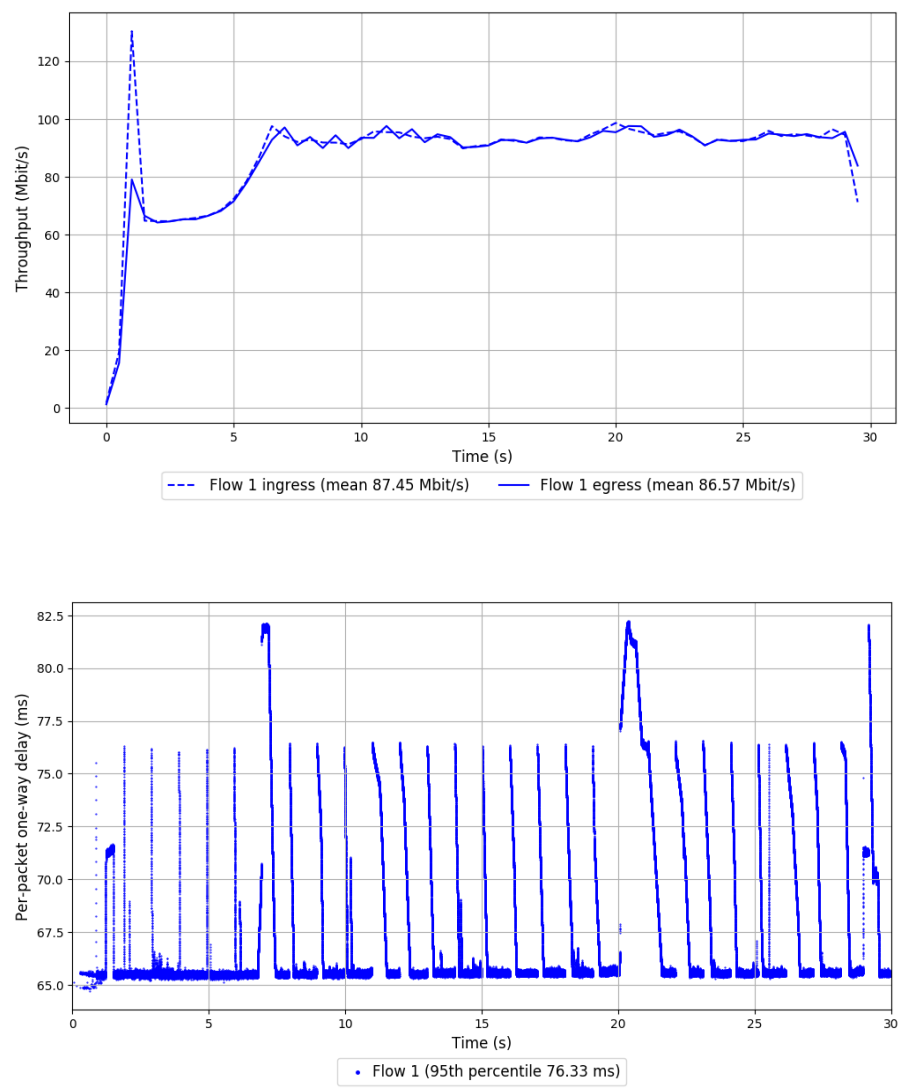
-- Flow 1:

Average throughput: 86.57 Mbit/s

95th percentile per-packet one-way delay: 76.328 ms

Loss rate: 1.01%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-02-04 09:33:45

End at: 2018-02-04 09:34:15

Local clock offset: -3.771 ms

Remote clock offset: 5.184 ms

Below is generated by plot.py at 2018-02-04 12:15:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.91 Mbit/s

95th percentile per-packet one-way delay: 78.915 ms

Loss rate: 1.11%

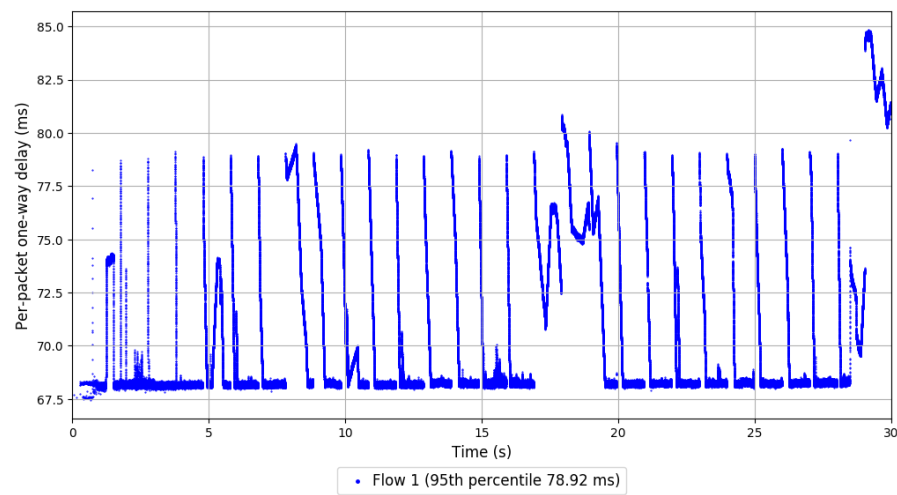
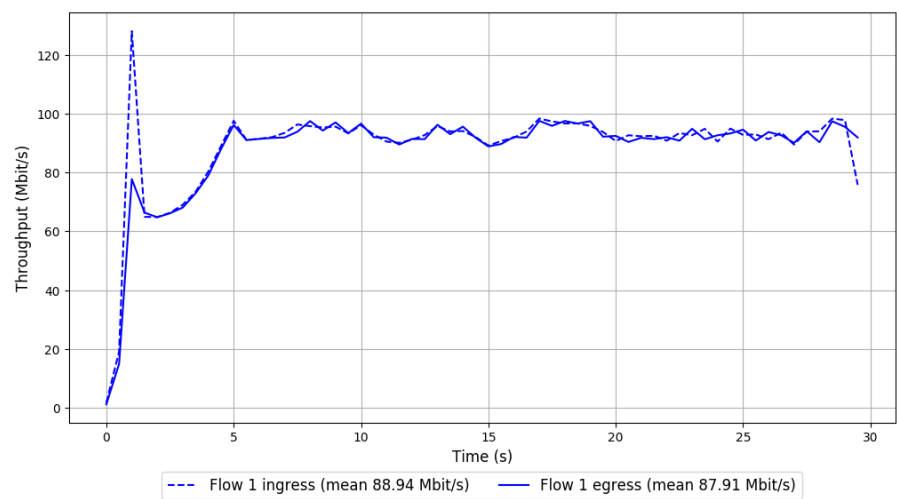
-- Flow 1:

Average throughput: 87.91 Mbit/s

95th percentile per-packet one-way delay: 78.915 ms

Loss rate: 1.11%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-02-04 09:56:53

End at: 2018-02-04 09:57:23

Local clock offset: -1.134 ms

Remote clock offset: 2.717 ms

Below is generated by plot.py at 2018-02-04 12:15:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.18 Mbit/s

95th percentile per-packet one-way delay: 78.888 ms

Loss rate: 0.96%

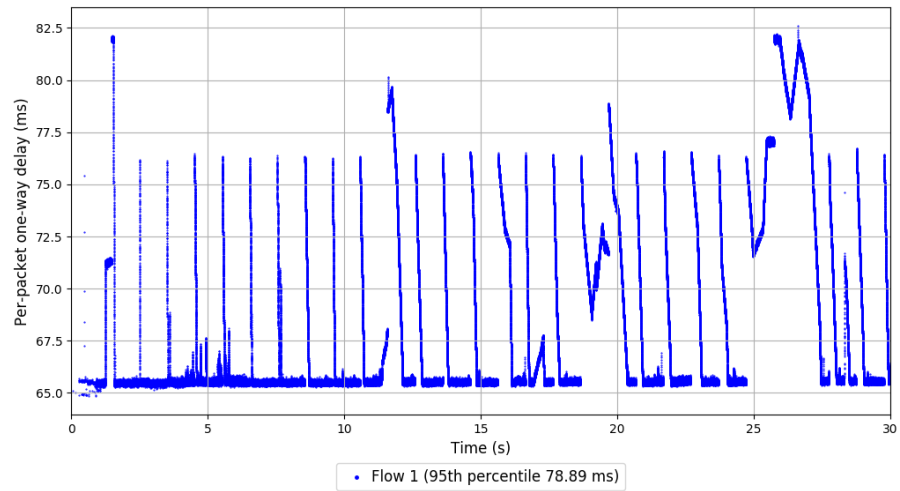
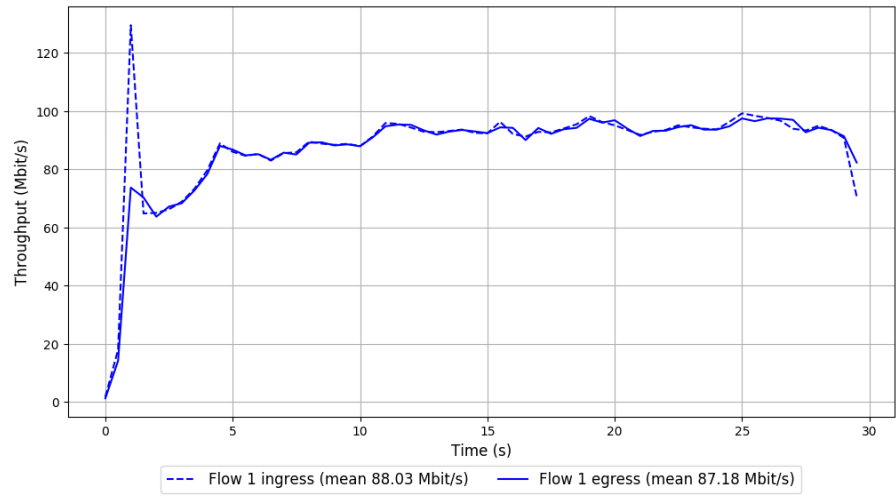
-- Flow 1:

Average throughput: 87.18 Mbit/s

95th percentile per-packet one-way delay: 78.888 ms

Loss rate: 0.96%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-04 10:19:27

End at: 2018-02-04 10:19:57

Local clock offset: -1.599 ms

Remote clock offset: 1.906 ms

Below is generated by plot.py at 2018-02-04 12:15:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 73.126 ms

Loss rate: 1.40%

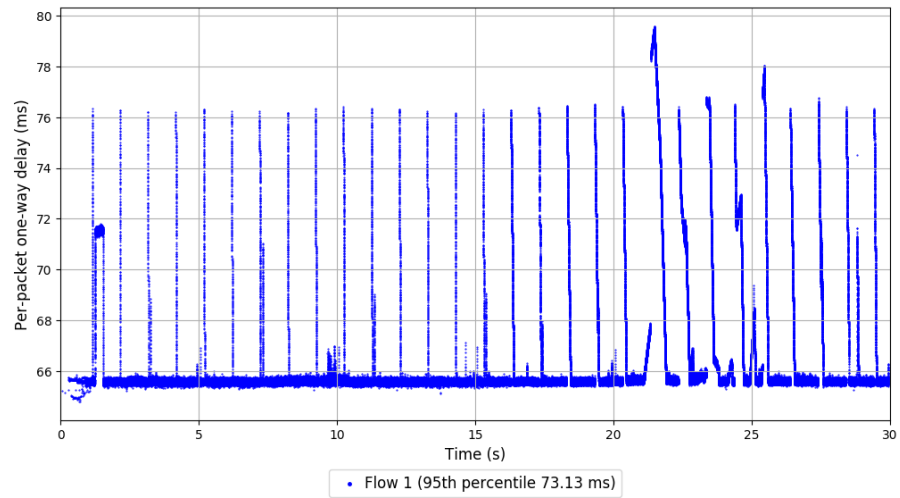
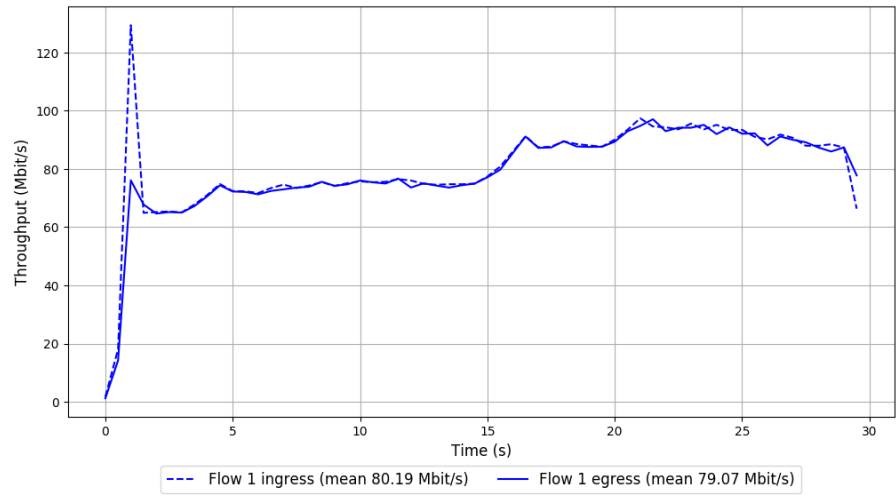
-- Flow 1:

Average throughput: 79.07 Mbit/s

95th percentile per-packet one-way delay: 73.126 ms

Loss rate: 1.40%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-04 10:44:58

End at: 2018-02-04 10:45:28

Local clock offset: -1.9 ms

Remote clock offset: 1.579 ms

Below is generated by plot.py at 2018-02-04 12:15:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.65 Mbit/s

95th percentile per-packet one-way delay: 69.929 ms

Loss rate: 2.49%

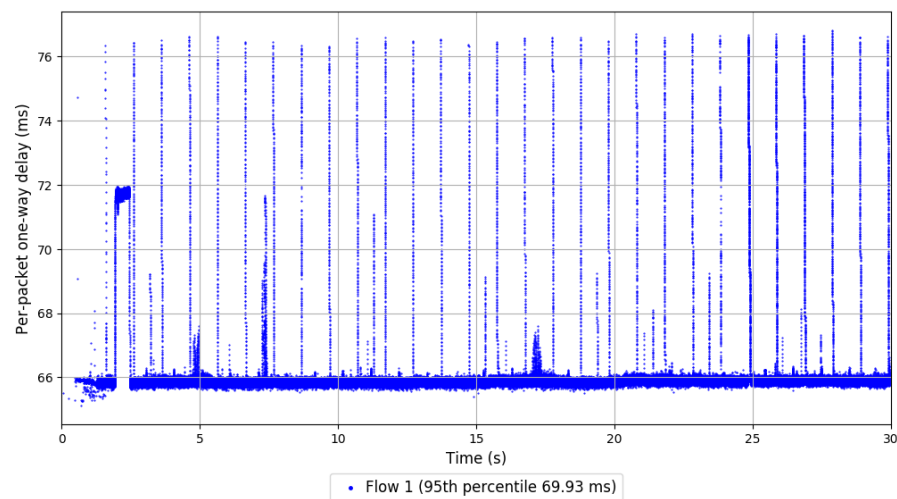
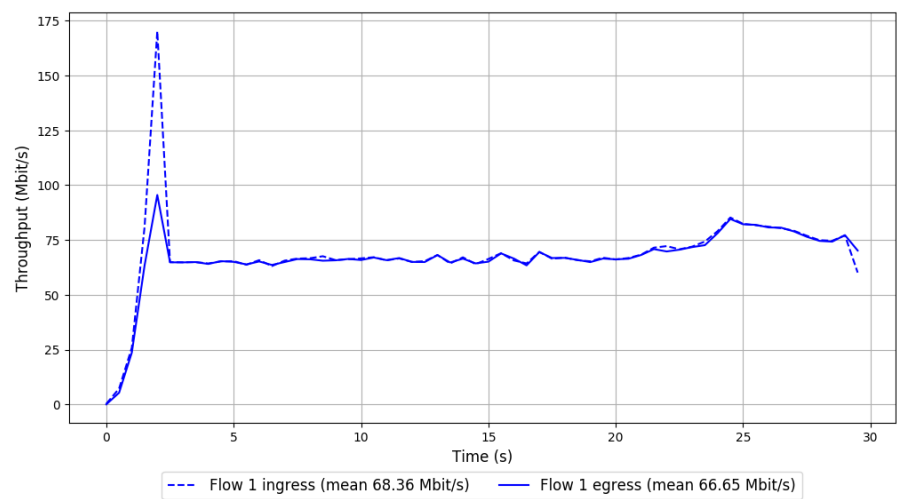
-- Flow 1:

Average throughput: 66.65 Mbit/s

95th percentile per-packet one-way delay: 69.929 ms

Loss rate: 2.49%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-04 11:12:35

End at: 2018-02-04 11:13:05

Local clock offset: -1.516 ms

Remote clock offset: 0.861 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.22 Mbit/s

95th percentile per-packet one-way delay: 74.942 ms

Loss rate: 2.39%

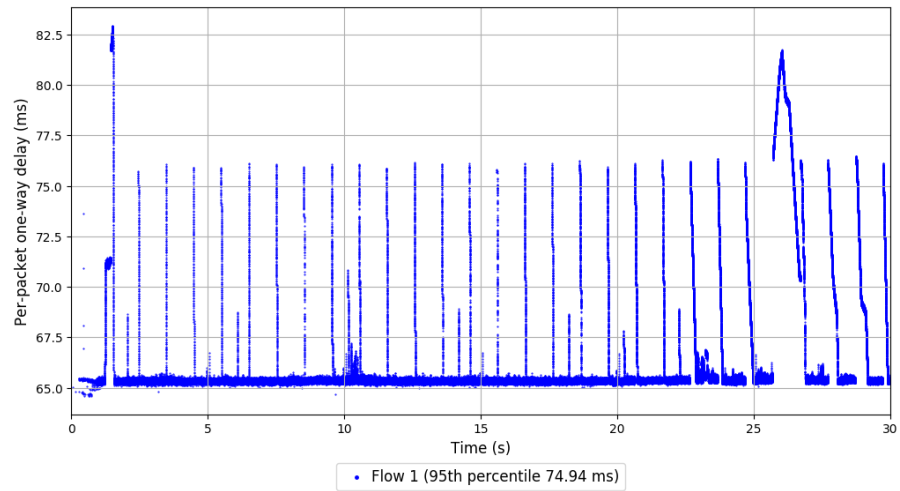
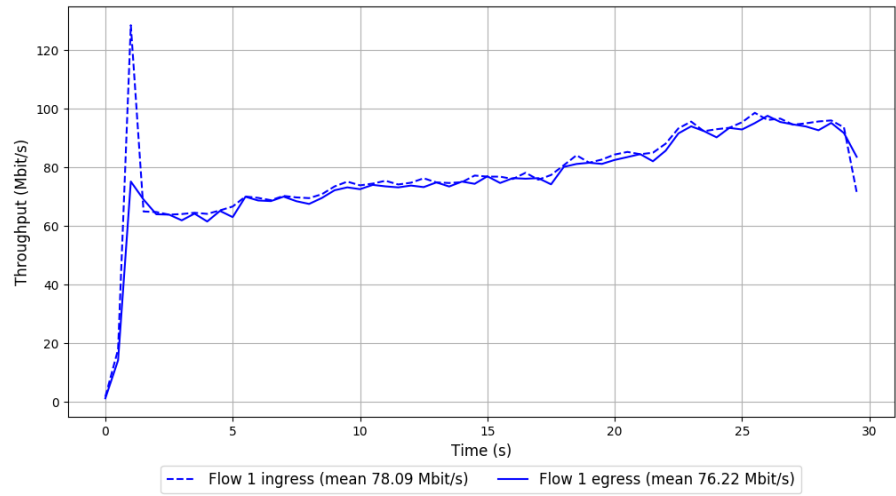
-- Flow 1:

Average throughput: 76.22 Mbit/s

95th percentile per-packet one-way delay: 74.942 ms

Loss rate: 2.39%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-02-04 11:34:08

End at: 2018-02-04 11:34:38

Local clock offset: -1.254 ms

Remote clock offset: 0.084 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.61 Mbit/s

95th percentile per-packet one-way delay: 65.873 ms

Loss rate: 1.57%

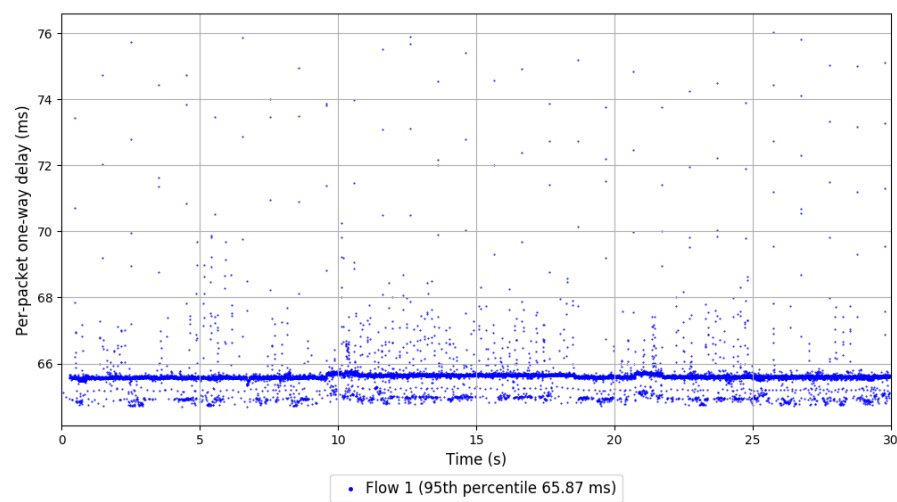
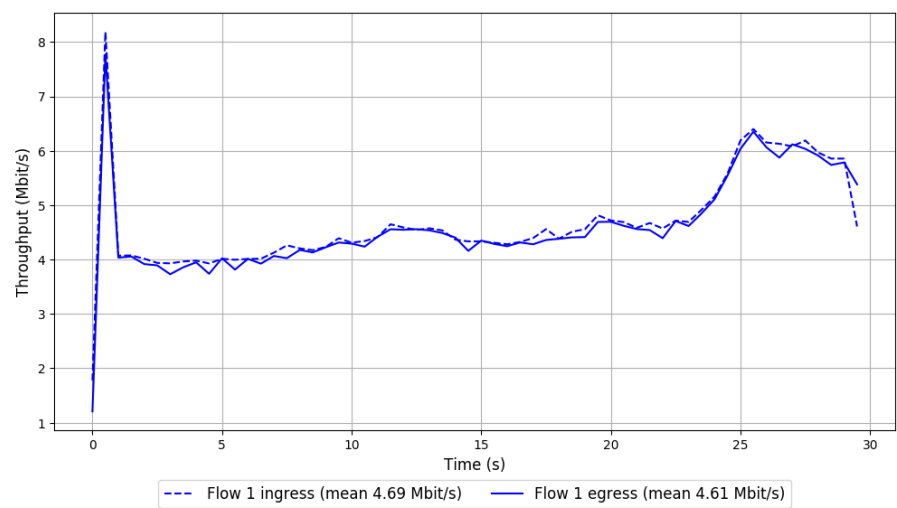
-- Flow 1:

Average throughput: 4.61 Mbit/s

95th percentile per-packet one-way delay: 65.873 ms

Loss rate: 1.57%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-04 08:02:01

End at: 2018-02-04 08:02:31

Local clock offset: 0.795 ms

Remote clock offset: 10.477 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.89 Mbit/s

95th percentile per-packet one-way delay: 68.021 ms

Loss rate: 1.02%

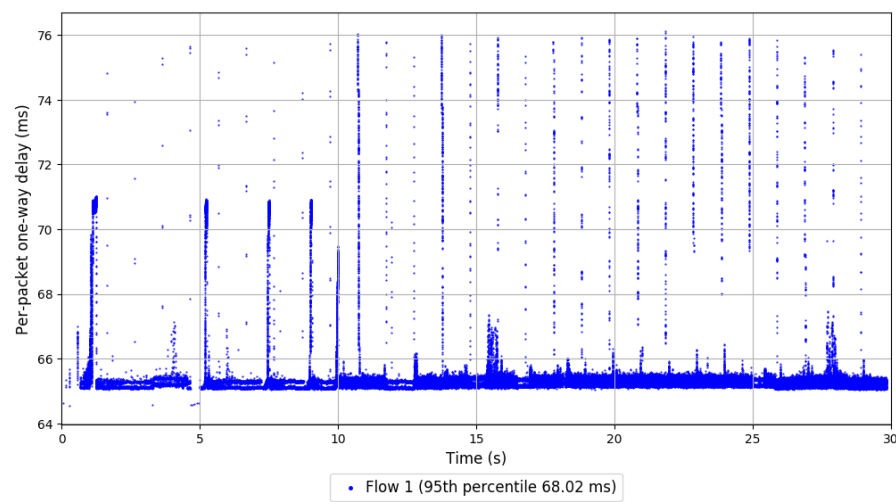
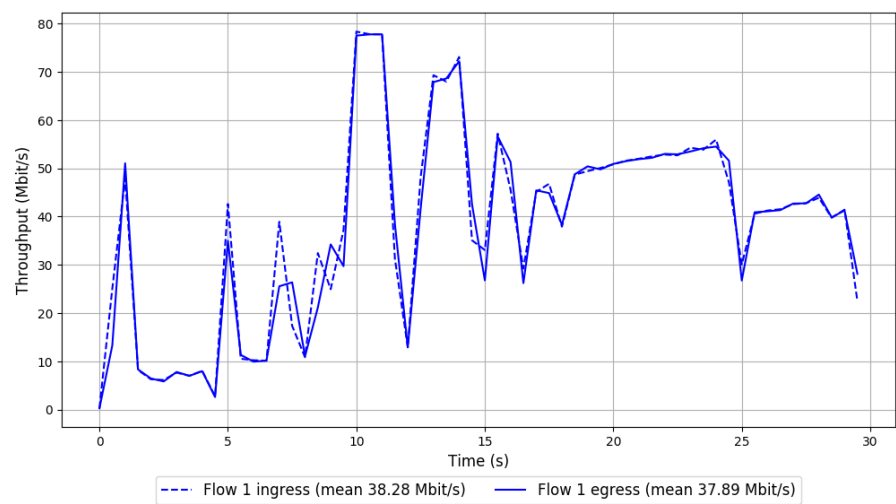
-- Flow 1:

Average throughput: 37.89 Mbit/s

95th percentile per-packet one-way delay: 68.021 ms

Loss rate: 1.02%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-04 08:23:44

End at: 2018-02-04 08:24:14

Local clock offset: -2.347 ms

Remote clock offset: 10.81 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.34 Mbit/s

95th percentile per-packet one-way delay: 71.712 ms

Loss rate: 0.59%

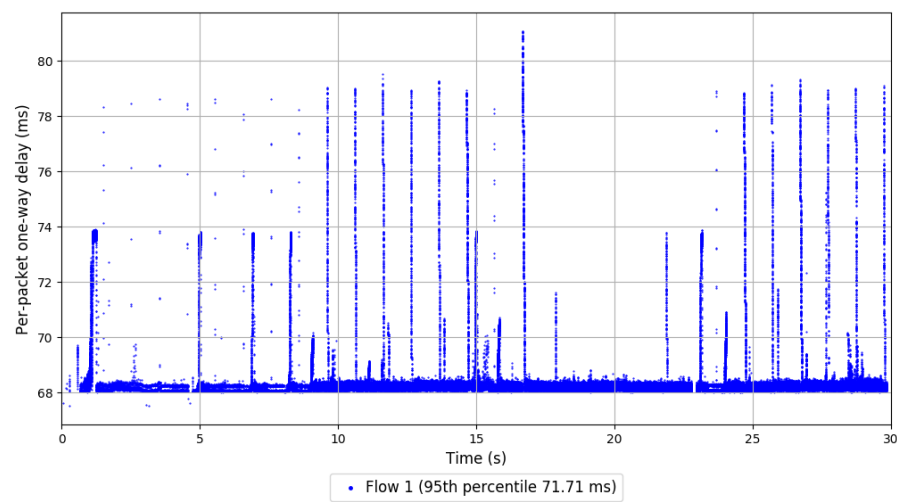
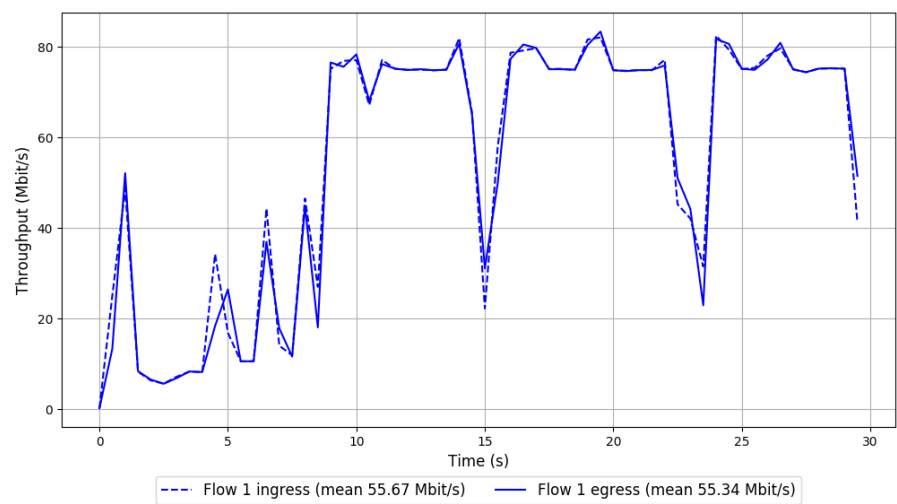
-- Flow 1:

Average throughput: 55.34 Mbit/s

95th percentile per-packet one-way delay: 71.712 ms

Loss rate: 0.59%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-04 08:45:24

End at: 2018-02-04 08:45:54

Local clock offset: -0.089 ms

Remote clock offset: 10.542 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.98 Mbit/s

95th percentile per-packet one-way delay: 69.084 ms

Loss rate: 0.68%

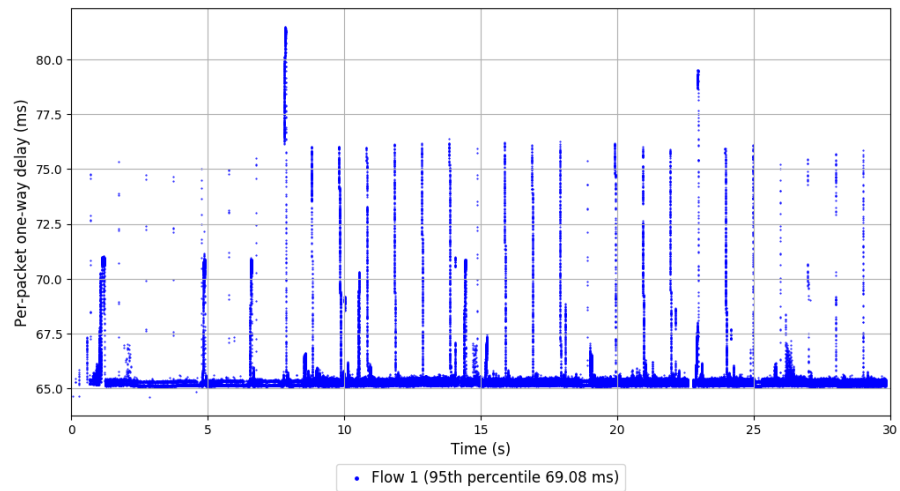
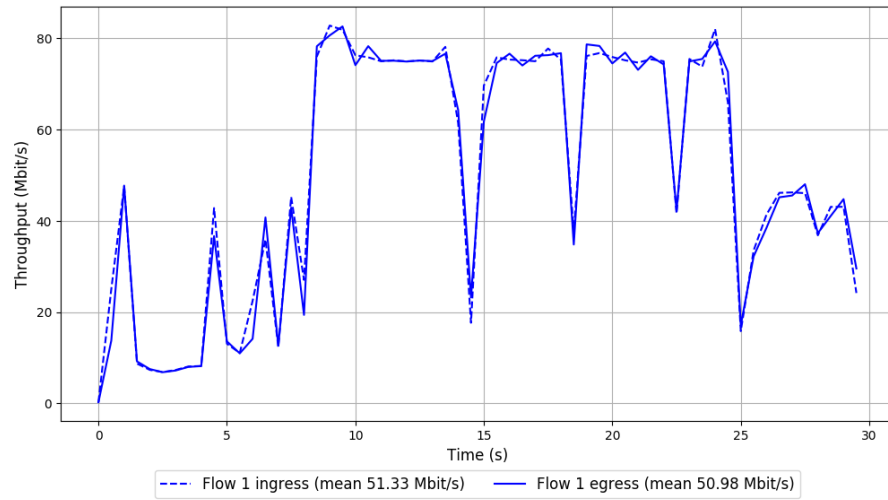
-- Flow 1:

Average throughput: 50.98 Mbit/s

95th percentile per-packet one-way delay: 69.084 ms

Loss rate: 0.68%

Run 3: Report of QUIC Cubic — Data Link

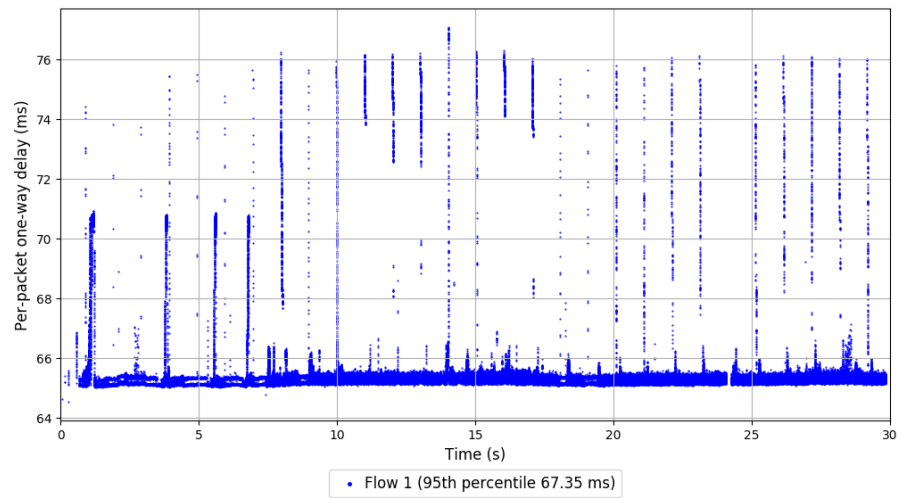
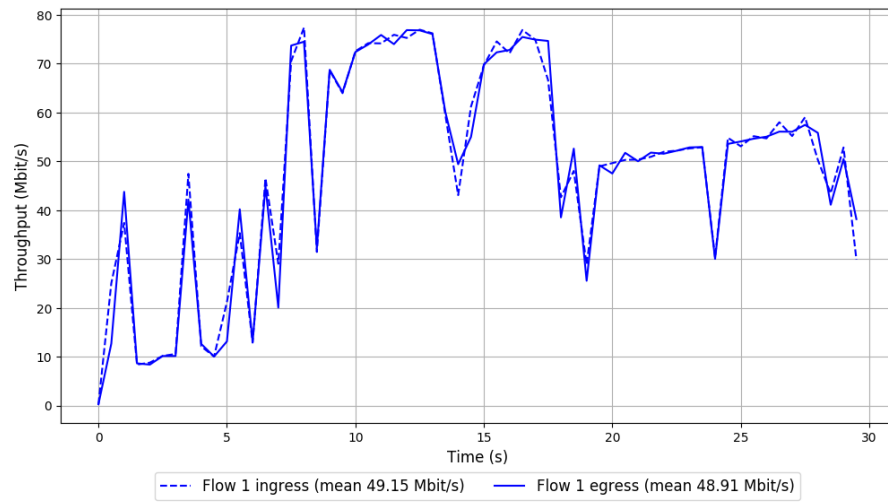


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-04 09:07:09
End at: 2018-02-04 09:07:39
Local clock offset: -0.413 ms
Remote clock offset: 10.091 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 67.346 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 48.91 Mbit/s
95th percentile per-packet one-way delay: 67.346 ms
Loss rate: 0.48%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-04 09:28:50

End at: 2018-02-04 09:29:20

Local clock offset: -1.357 ms

Remote clock offset: 6.071 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 69.953 ms

Loss rate: 0.68%

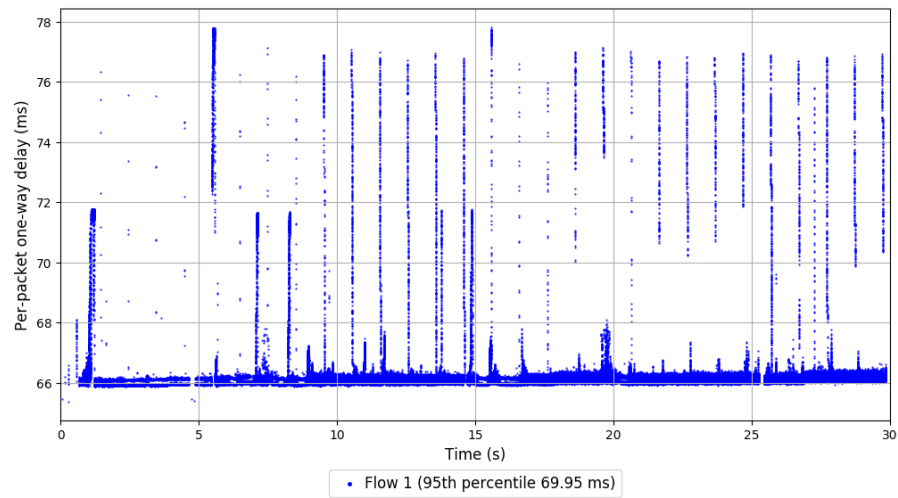
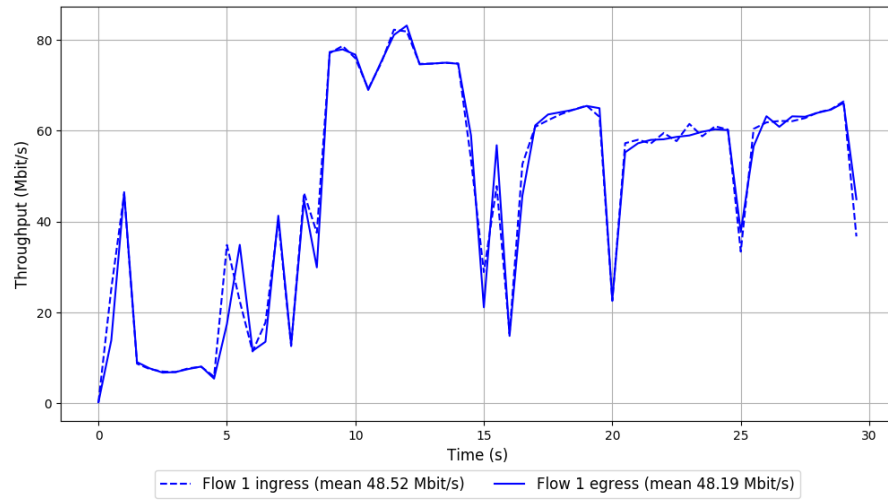
-- Flow 1:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 69.953 ms

Loss rate: 0.68%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-04 09:51:16

End at: 2018-02-04 09:51:46

Local clock offset: -1.312 ms

Remote clock offset: 3.125 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.93 Mbit/s

95th percentile per-packet one-way delay: 66.200 ms

Loss rate: 0.31%

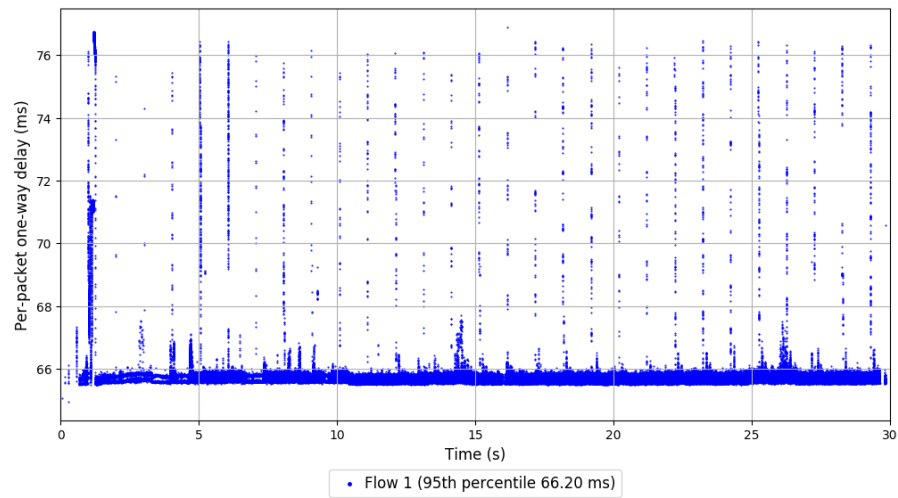
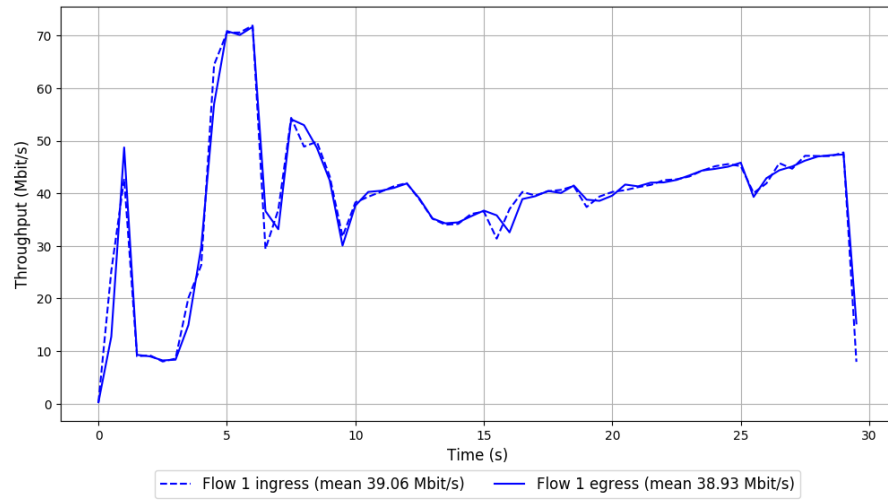
-- Flow 1:

Average throughput: 38.93 Mbit/s

95th percentile per-packet one-way delay: 66.200 ms

Loss rate: 0.31%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-04 10:14:33

End at: 2018-02-04 10:15:03

Local clock offset: -1.827 ms

Remote clock offset: 1.968 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.25 Mbit/s

95th percentile per-packet one-way delay: 68.872 ms

Loss rate: 1.23%

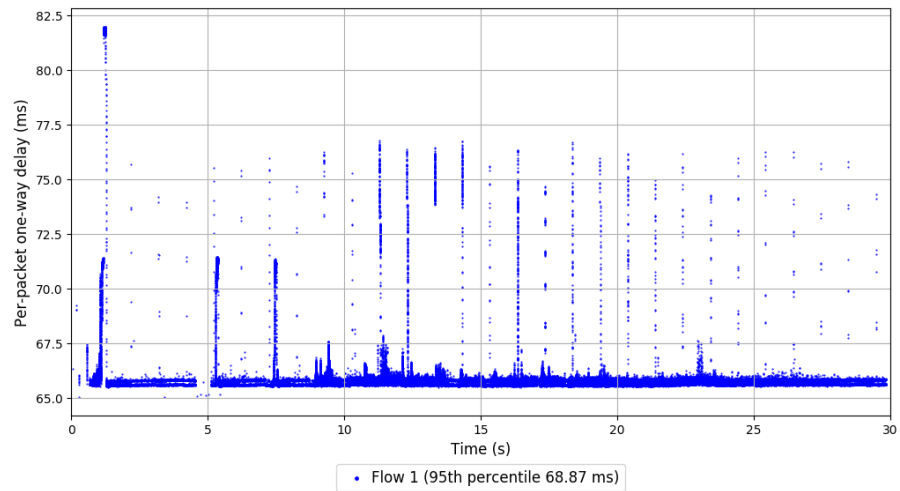
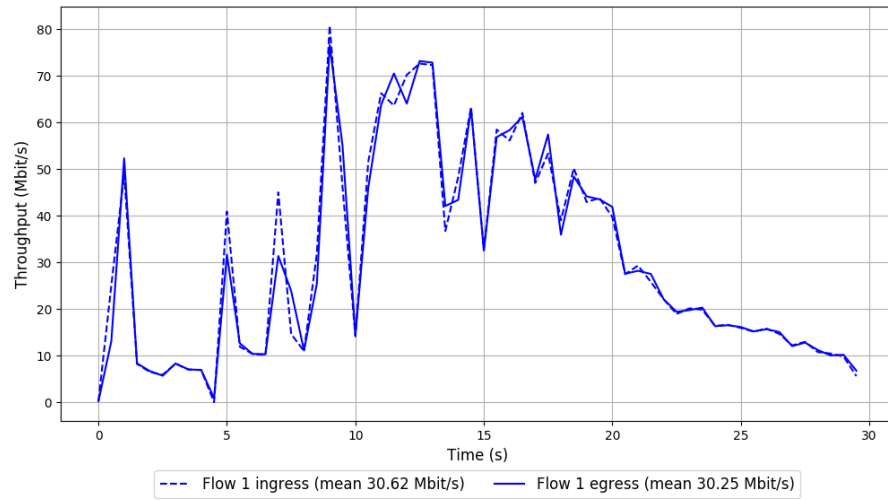
-- Flow 1:

Average throughput: 30.25 Mbit/s

95th percentile per-packet one-way delay: 68.872 ms

Loss rate: 1.23%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-04 10:36:15

End at: 2018-02-04 10:36:45

Local clock offset: -1.426 ms

Remote clock offset: 1.642 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.64 Mbit/s

95th percentile per-packet one-way delay: 68.391 ms

Loss rate: 0.95%

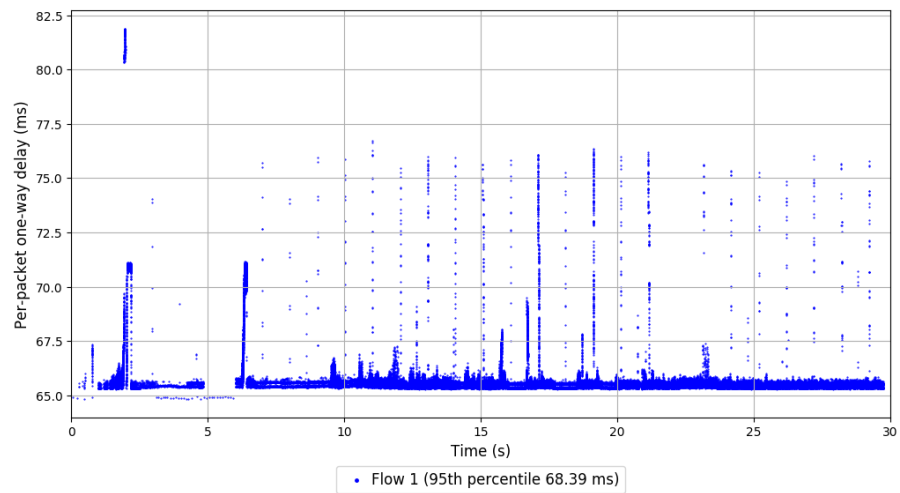
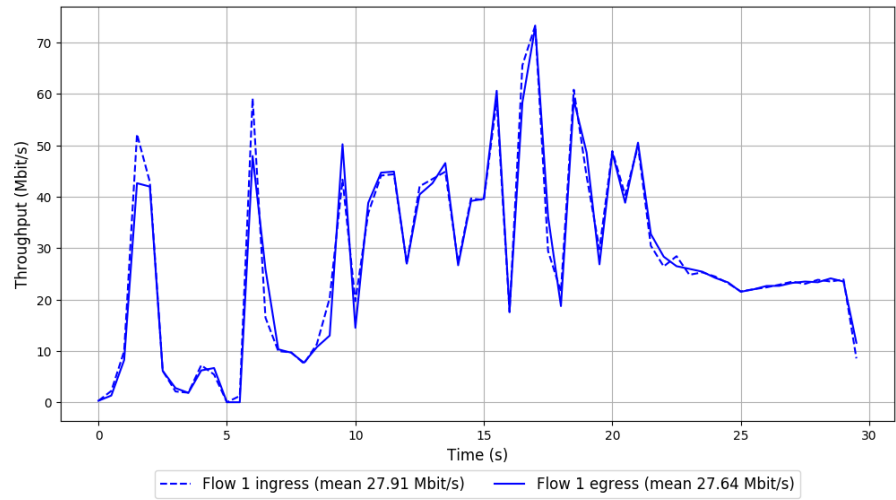
-- Flow 1:

Average throughput: 27.64 Mbit/s

95th percentile per-packet one-way delay: 68.391 ms

Loss rate: 0.95%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-04 11:07:42

End at: 2018-02-04 11:08:12

Local clock offset: -2.005 ms

Remote clock offset: 1.009 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.05 Mbit/s

95th percentile per-packet one-way delay: 69.187 ms

Loss rate: 1.51%

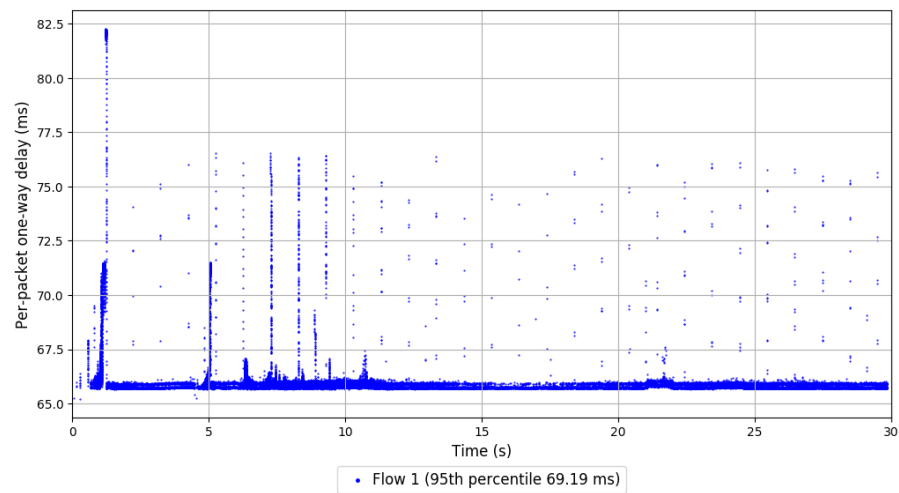
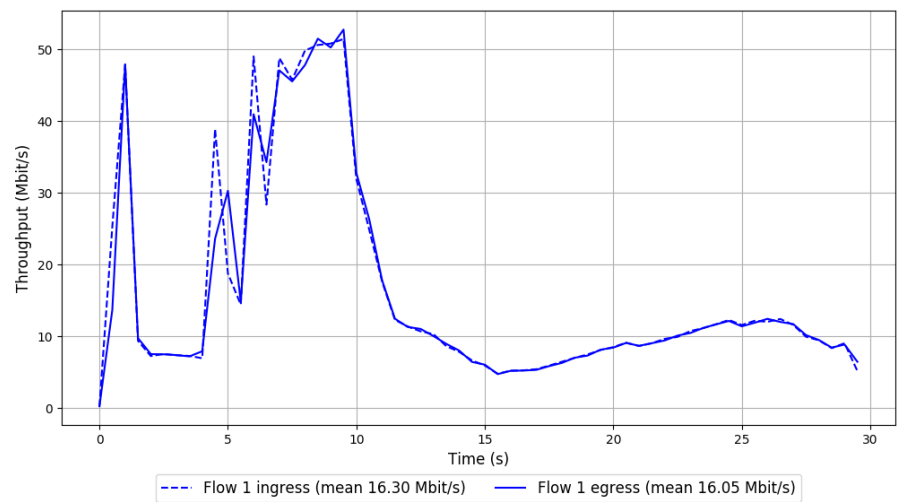
-- Flow 1:

Average throughput: 16.05 Mbit/s

95th percentile per-packet one-way delay: 69.187 ms

Loss rate: 1.51%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-04 11:29:19

End at: 2018-02-04 11:29:49

Local clock offset: -1.387 ms

Remote clock offset: 0.44 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.05 Mbit/s

95th percentile per-packet one-way delay: 65.628 ms

Loss rate: 1.70%

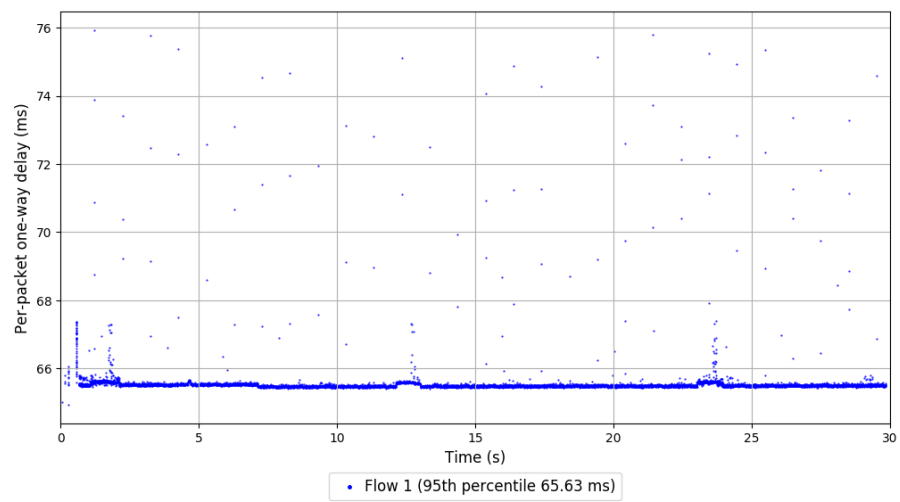
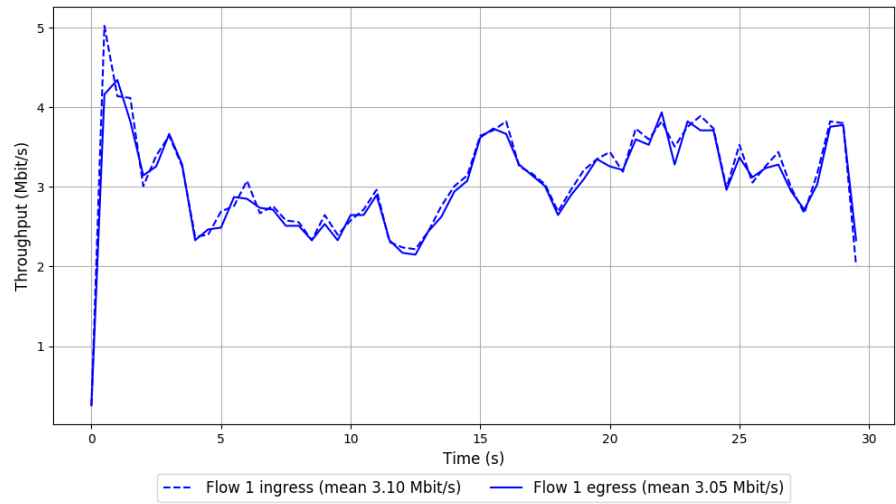
-- Flow 1:

Average throughput: 3.05 Mbit/s

95th percentile per-packet one-way delay: 65.628 ms

Loss rate: 1.70%

Run 10: Report of QUIC Cubic — Data Link

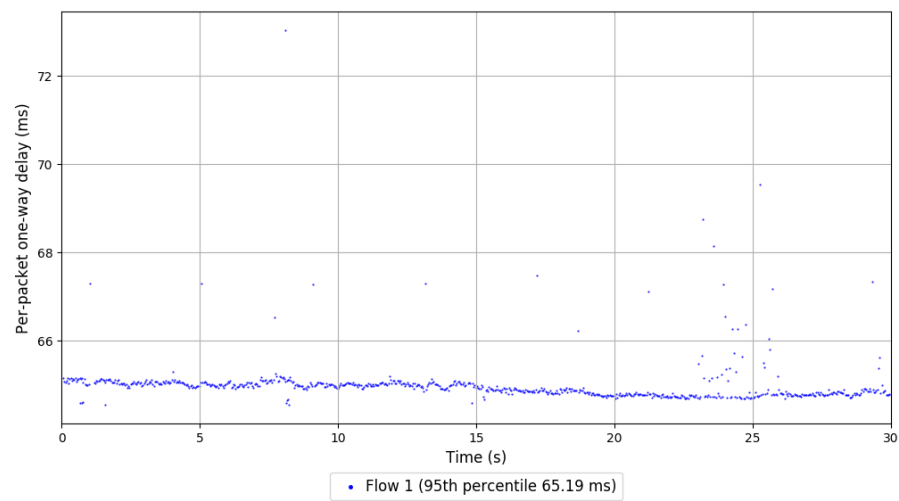
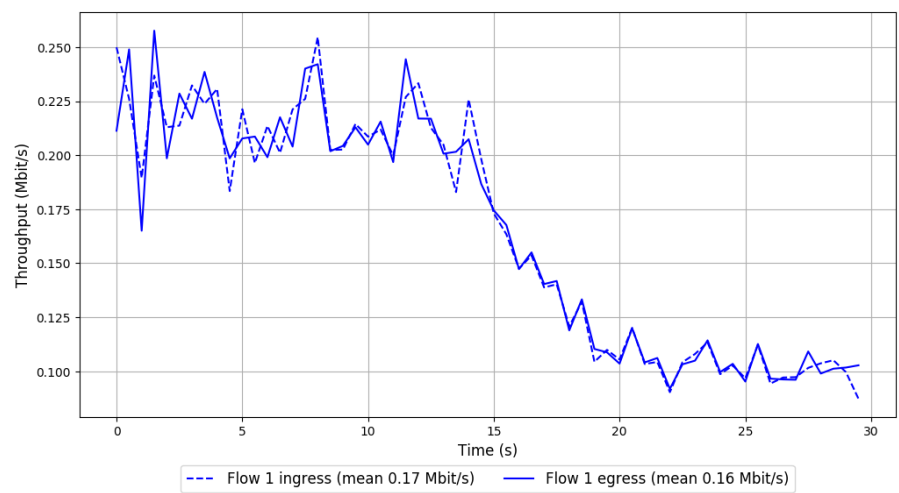


Run 1: Statistics of SCReAM

Start at: 2018-02-04 08:00:52
End at: 2018-02-04 08:01:22
Local clock offset: 1.022 ms
Remote clock offset: 10.464 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 65.192 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 65.192 ms
Loss rate: 0.16%

Run 1: Report of SReAM — Data Link

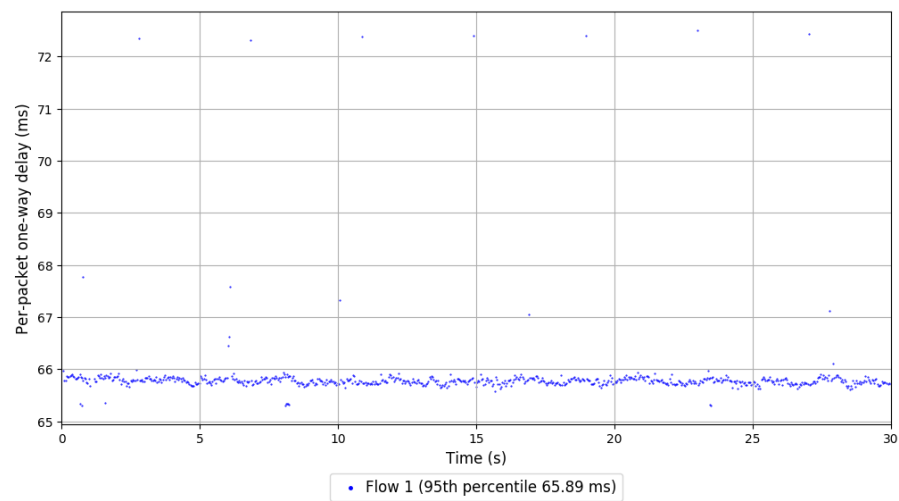
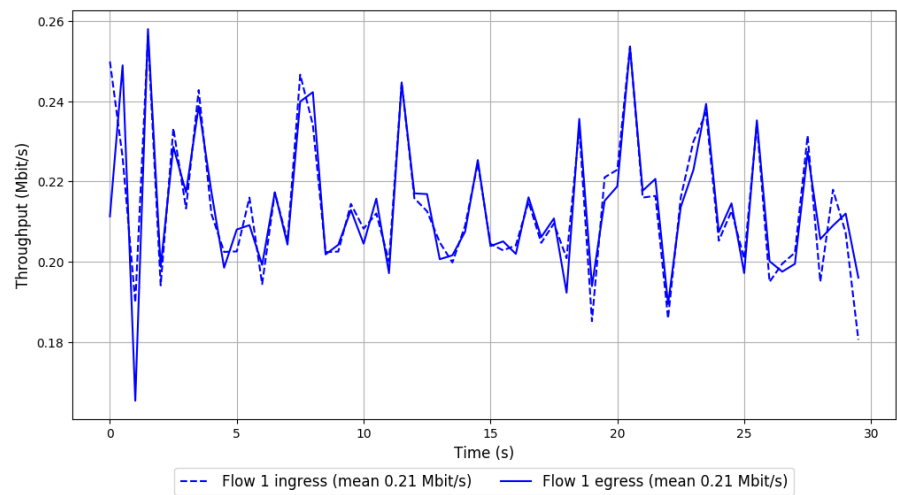


Run 2: Statistics of SCReAM

Start at: 2018-02-04 08:22:35
End at: 2018-02-04 08:23:05
Local clock offset: 0.051 ms
Remote clock offset: 10.753 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.892 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.892 ms
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

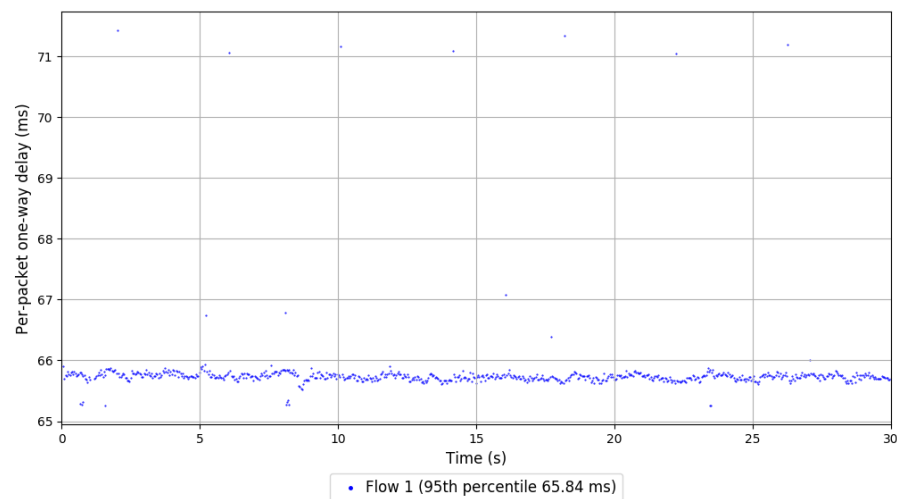
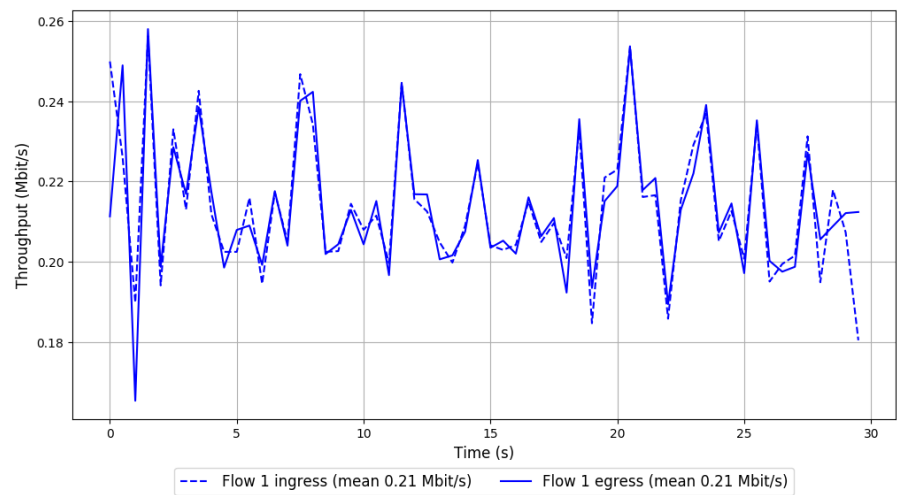


Run 3: Statistics of SCReAM

Start at: 2018-02-04 08:44:16
End at: 2018-02-04 08:44:46
Local clock offset: -0.54 ms
Remote clock offset: 10.563 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.838 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

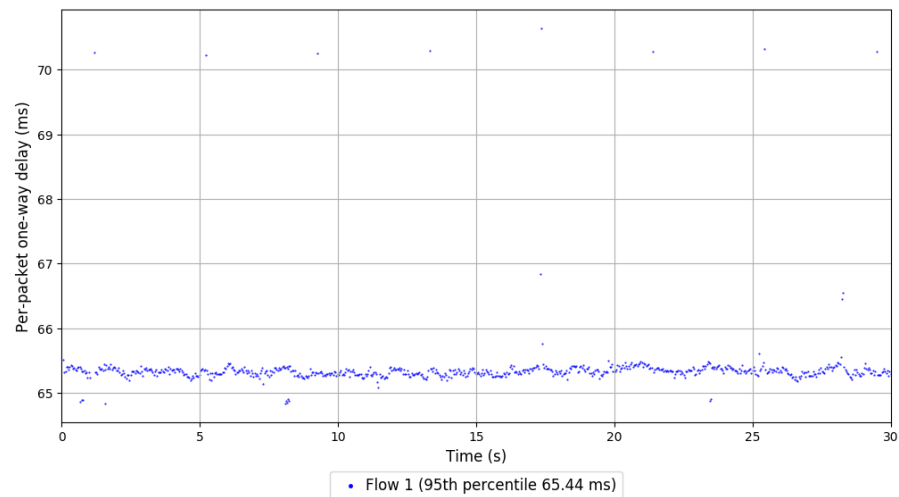
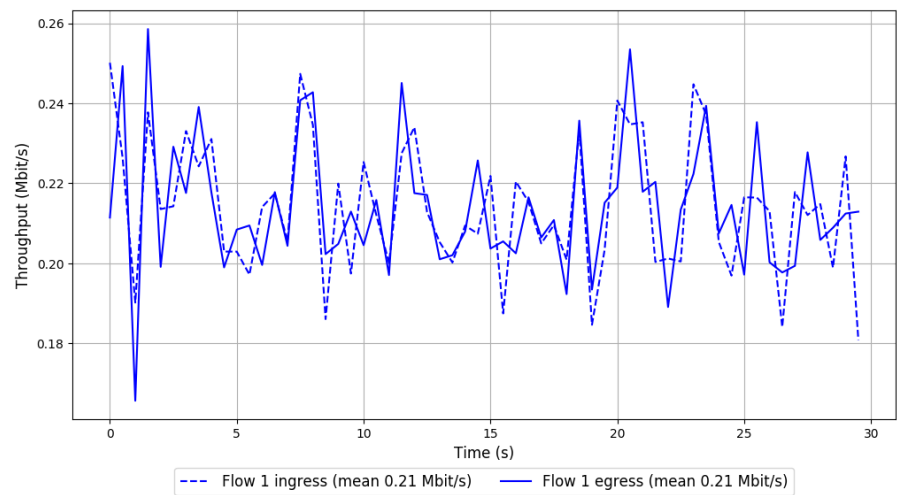


Run 4: Statistics of SCReAM

Start at: 2018-02-04 09:06:00
End at: 2018-02-04 09:06:30
Local clock offset: -0.587 ms
Remote clock offset: 10.189 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 65.445 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-02-04 09:27:42

End at: 2018-02-04 09:28:12

Local clock offset: -1.318 ms

Remote clock offset: 6.192 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 66.070 ms

Loss rate: 0.00%

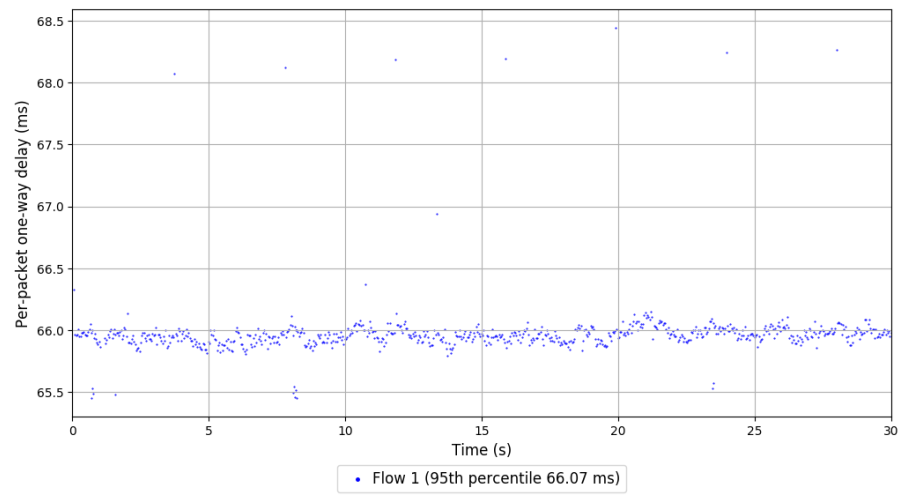
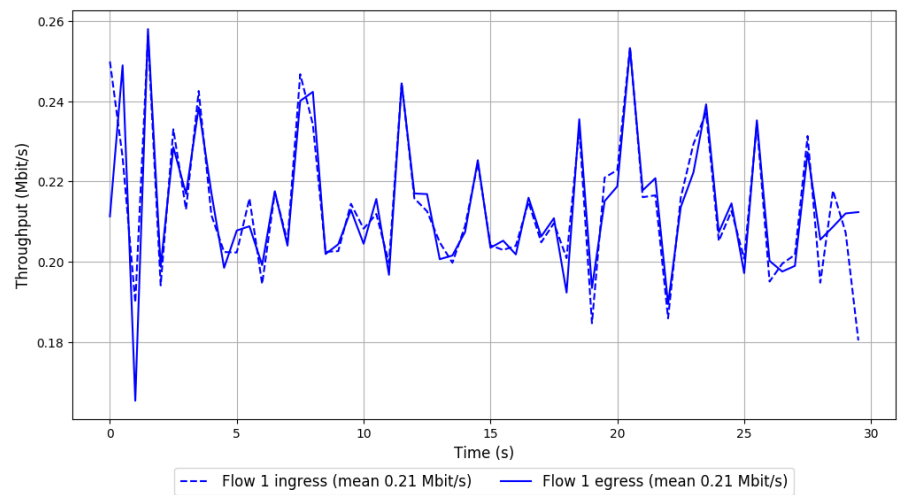
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 66.070 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-02-04 09:50:07

End at: 2018-02-04 09:50:37

Local clock offset: -1.573 ms

Remote clock offset: 3.213 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 66.099 ms

Loss rate: 0.00%

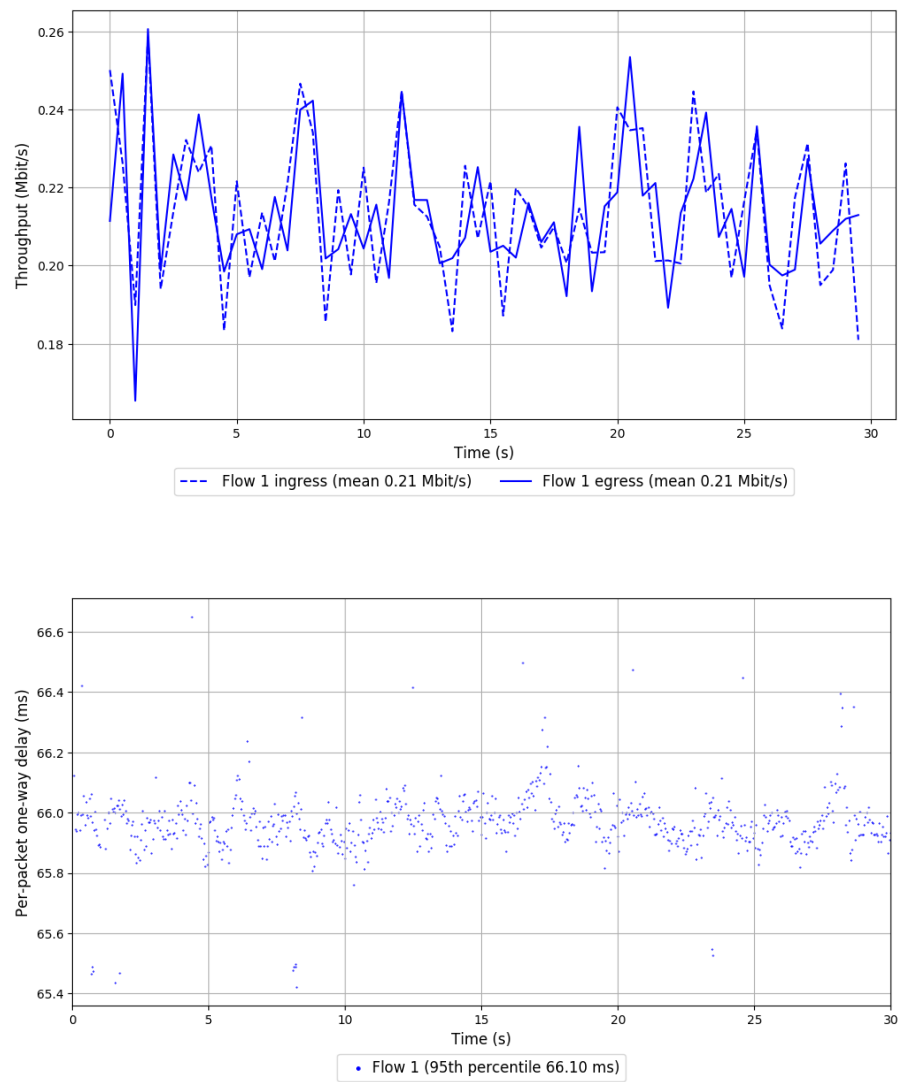
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 66.099 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SReAM

Start at: 2018-02-04 10:13:24

End at: 2018-02-04 10:13:54

Local clock offset: -1.31 ms

Remote clock offset: 2.044 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 65.335 ms

Loss rate: 0.00%

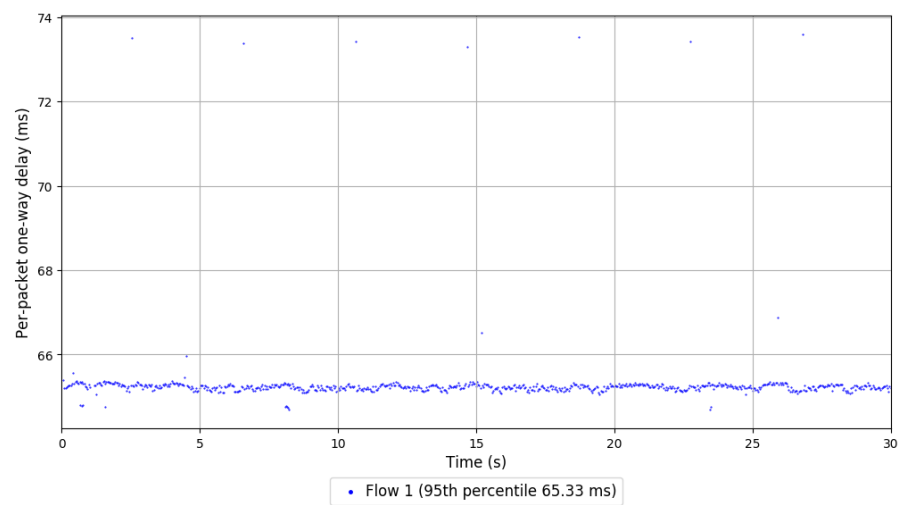
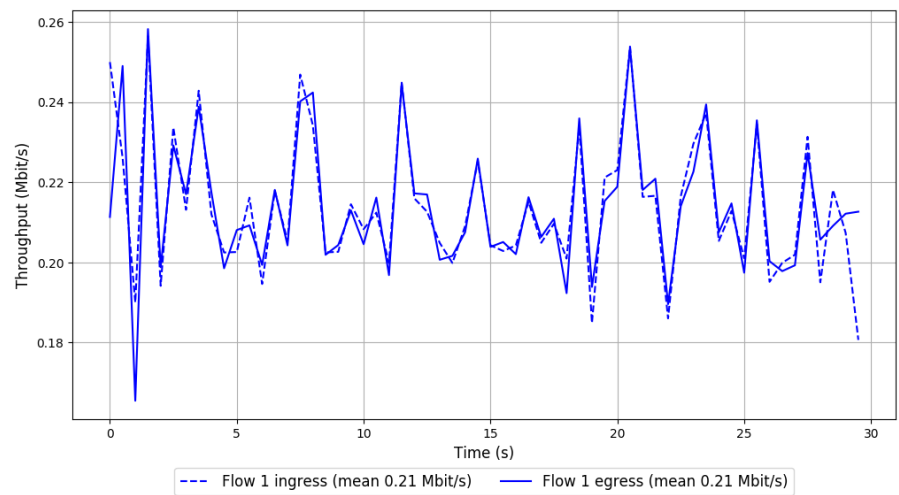
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 65.335 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-04 10:35:03

End at: 2018-02-04 10:35:33

Local clock offset: -1.389 ms

Remote clock offset: 1.738 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 65.661 ms

Loss rate: 0.00%

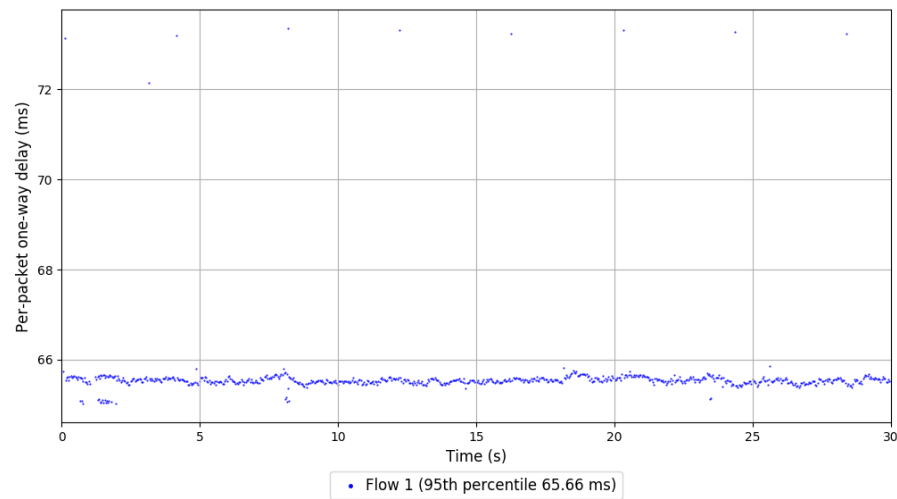
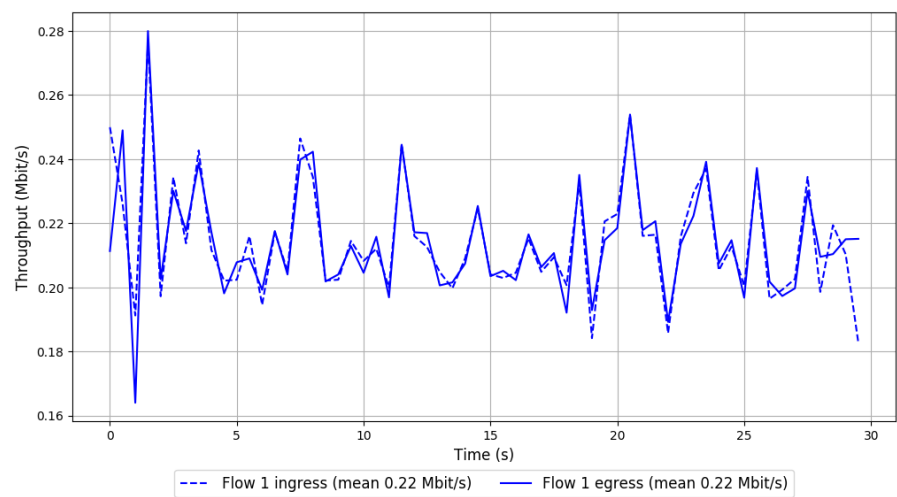
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 65.661 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-02-04 11:06:33

End at: 2018-02-04 11:07:03

Local clock offset: -2.0 ms

Remote clock offset: 0.986 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 65.871 ms

Loss rate: 0.43%

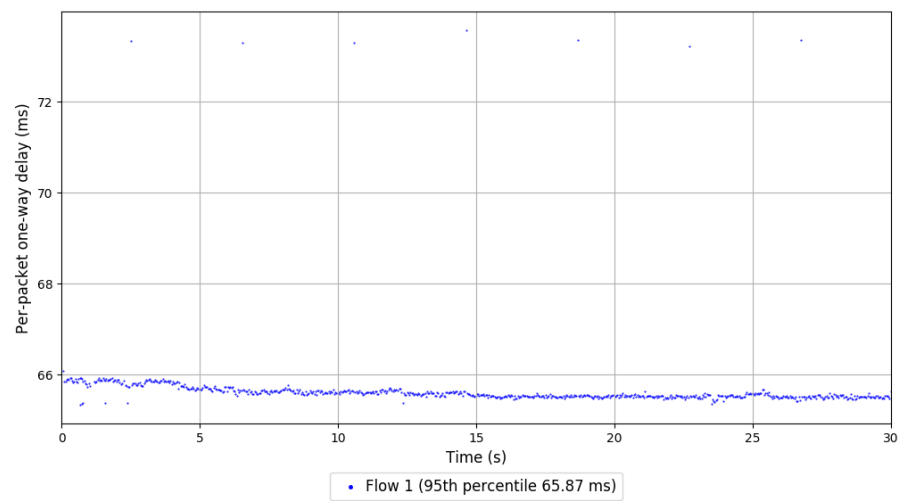
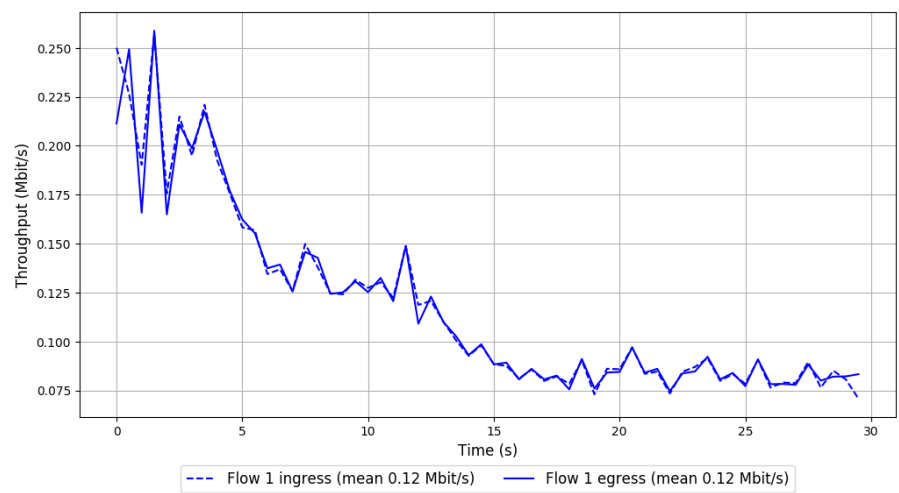
-- Flow 1:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 65.871 ms

Loss rate: 0.43%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-02-04 11:28:11

End at: 2018-02-04 11:28:41

Local clock offset: -1.902 ms

Remote clock offset: 0.646 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 66.224 ms

Loss rate: 0.57%

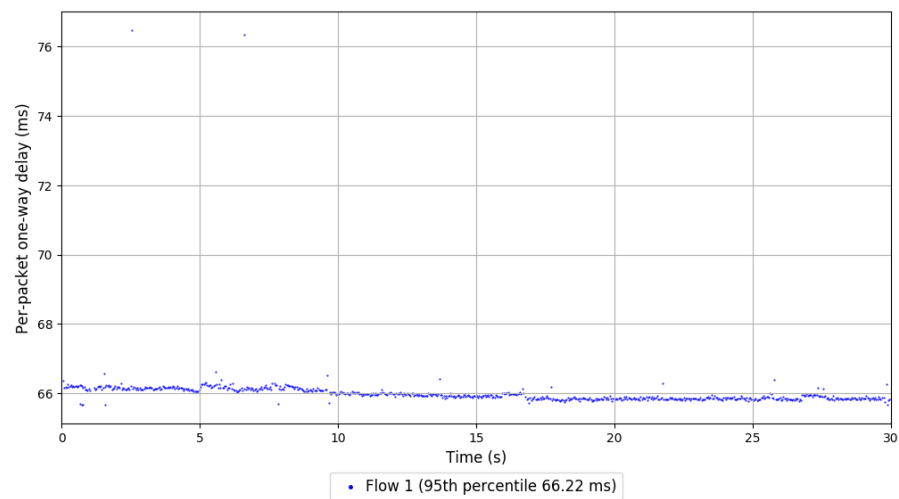
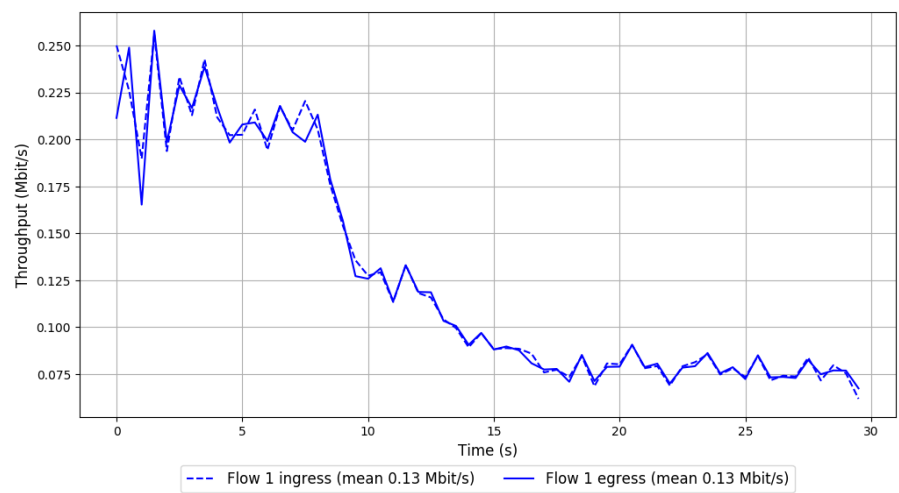
-- Flow 1:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 66.224 ms

Loss rate: 0.57%

Run 10: Report of SCReAM — Data Link

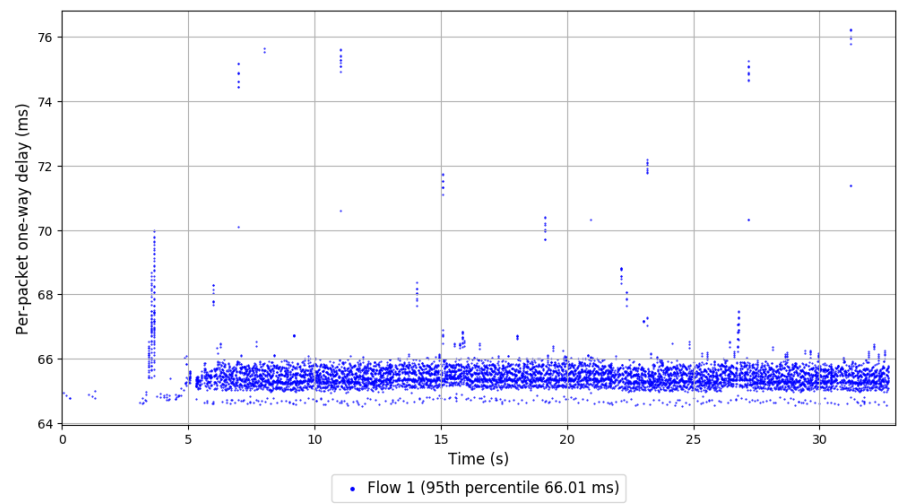
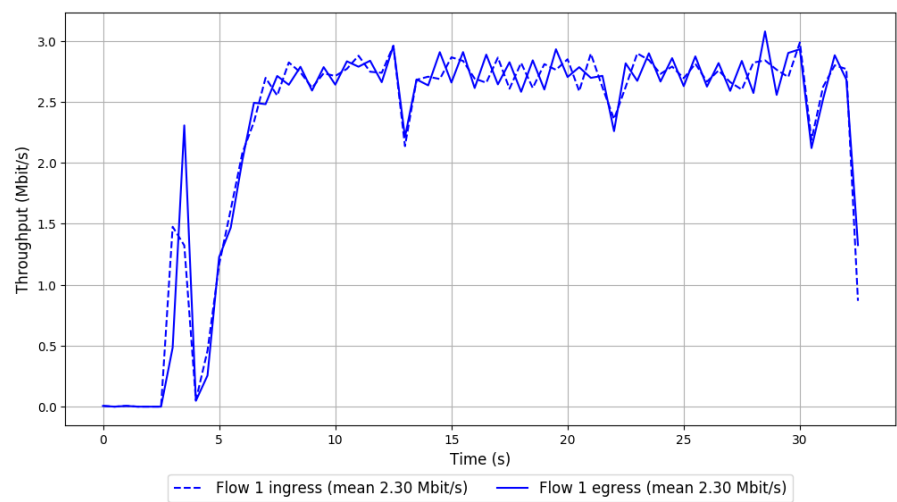


Run 1: Statistics of WebRTC media

Start at: 2018-02-04 08:08:07
End at: 2018-02-04 08:08:37
Local clock offset: 0.971 ms
Remote clock offset: 10.612 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 66.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 66.012 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

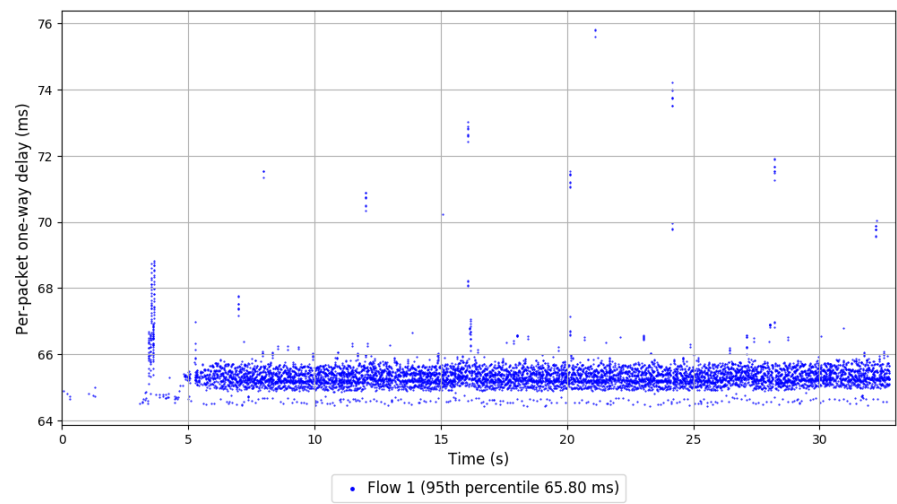
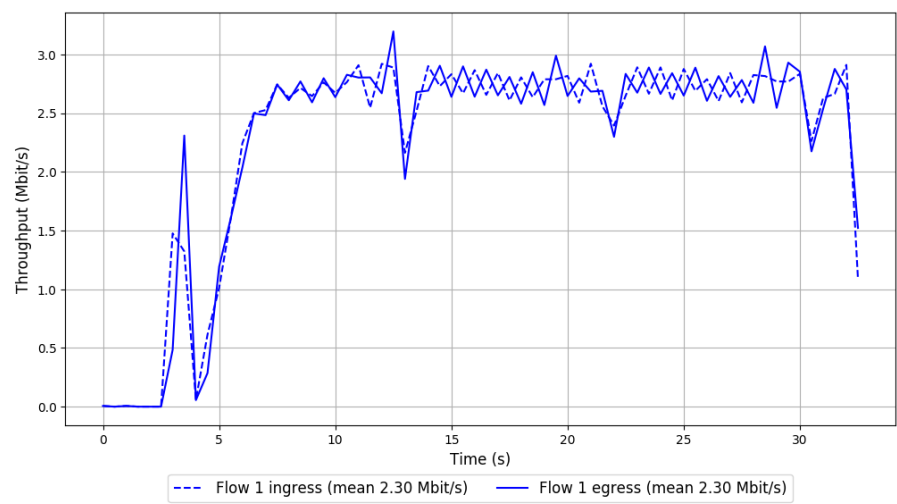


Run 2: Statistics of WebRTC media

Start at: 2018-02-04 08:29:51
End at: 2018-02-04 08:30:21
Local clock offset: 0.302 ms
Remote clock offset: 10.917 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 65.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 65.799 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

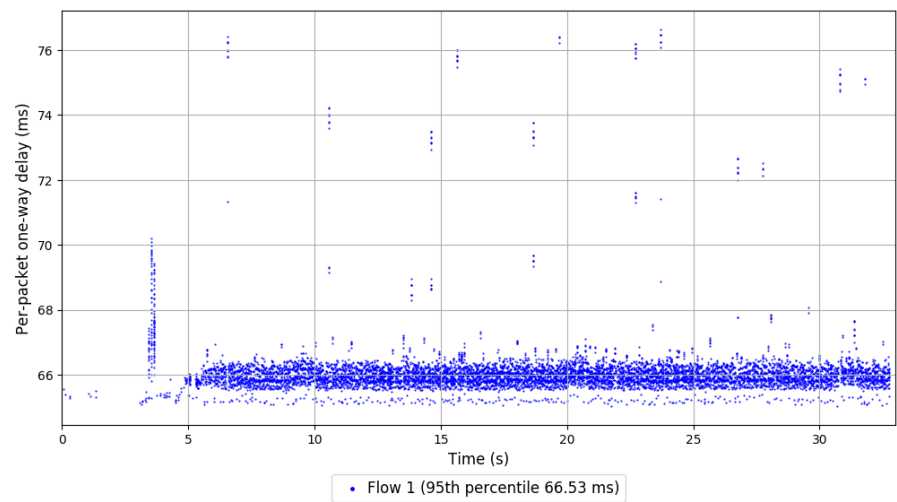
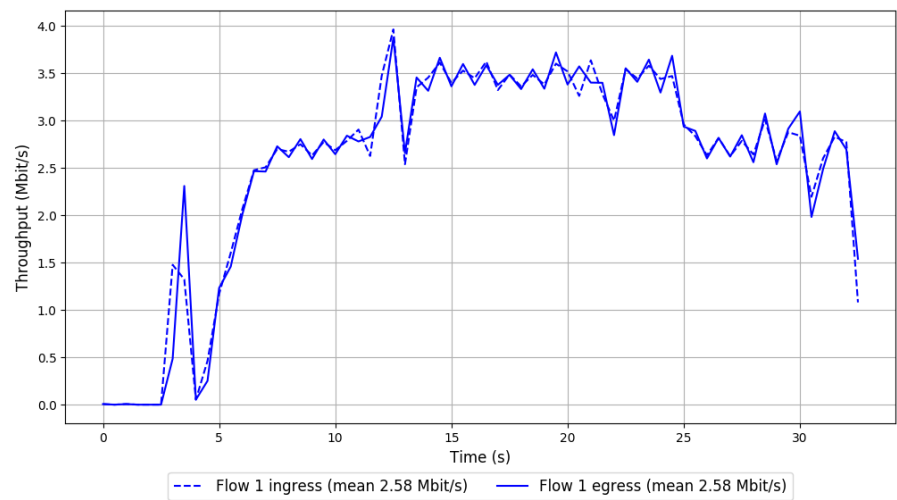


Run 3: Statistics of WebRTC media

Start at: 2018-02-04 08:51:31
End at: 2018-02-04 08:52:01
Local clock offset: -0.71 ms
Remote clock offset: 10.424 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 66.530 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 66.530 ms
Loss rate: 0.12%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-04 09:13:16

End at: 2018-02-04 09:13:46

Local clock offset: -3.241 ms

Remote clock offset: 8.863 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 68.559 ms

Loss rate: 0.27%

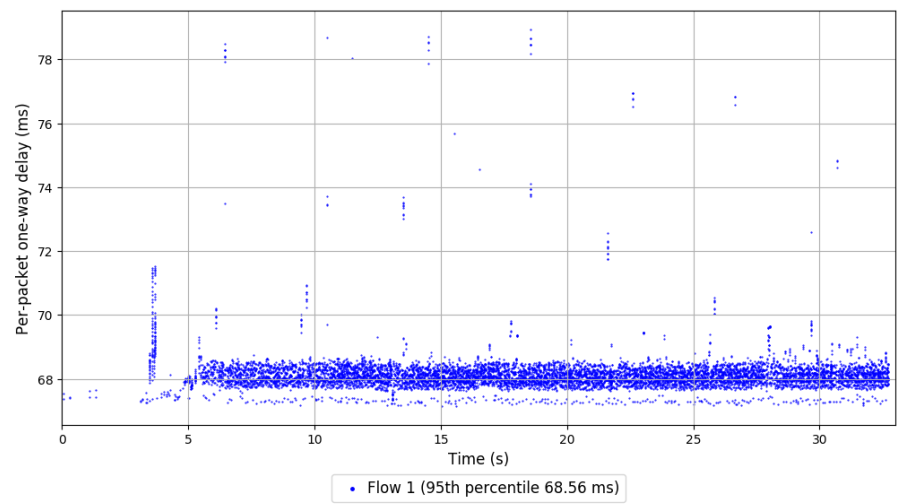
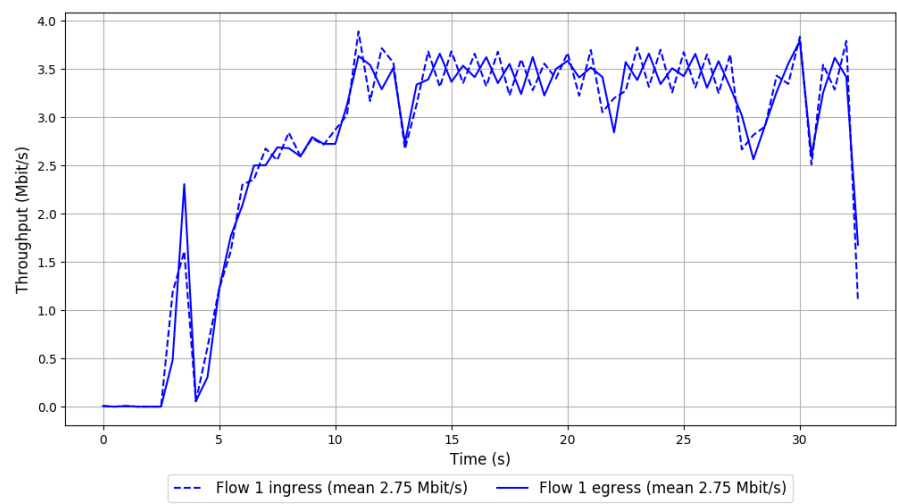
-- Flow 1:

Average throughput: 2.75 Mbit/s

95th percentile per-packet one-way delay: 68.559 ms

Loss rate: 0.27%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-02-04 09:34:57

End at: 2018-02-04 09:35:27

Local clock offset: -1.017 ms

Remote clock offset: 4.947 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.69 Mbit/s

95th percentile per-packet one-way delay: 66.211 ms

Loss rate: 0.27%

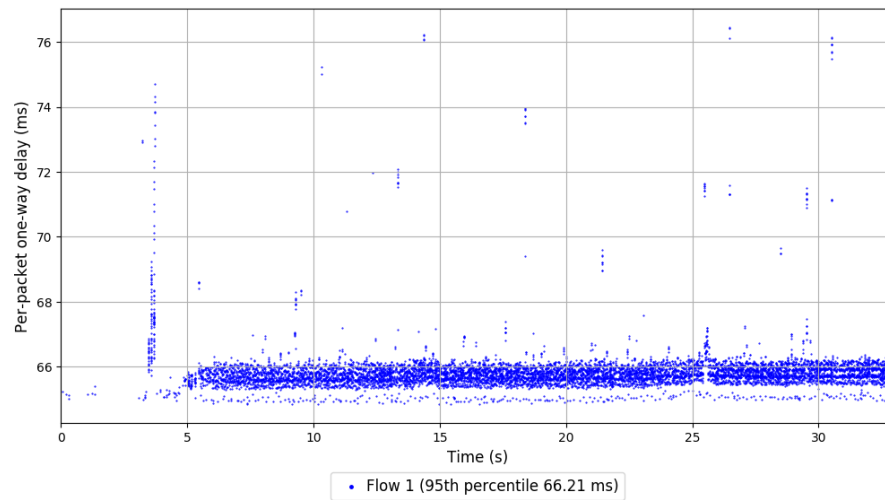
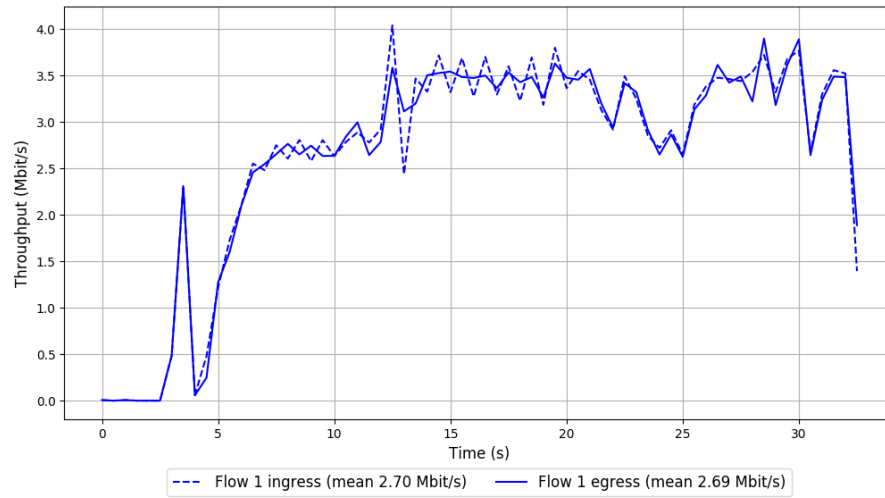
-- Flow 1:

Average throughput: 2.69 Mbit/s

95th percentile per-packet one-way delay: 66.211 ms

Loss rate: 0.27%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-02-04 09:58:05

End at: 2018-02-04 09:58:35

Local clock offset: -1.12 ms

Remote clock offset: 2.671 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 66.053 ms

Loss rate: 0.00%

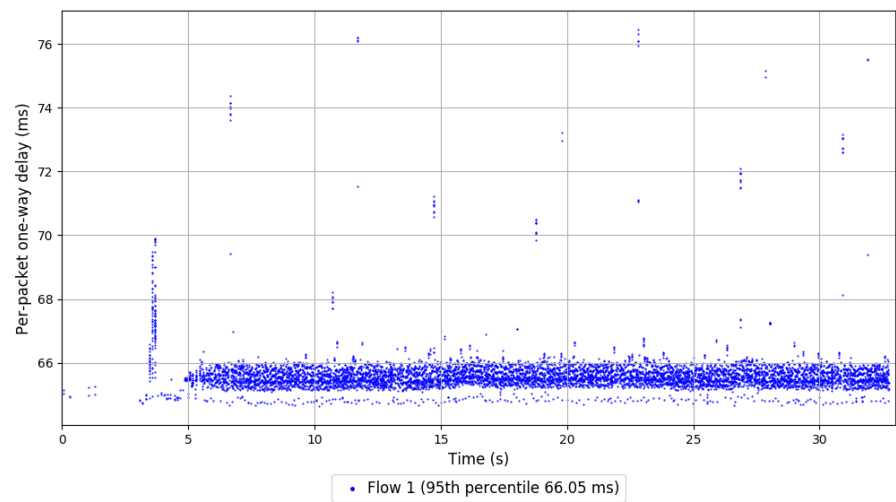
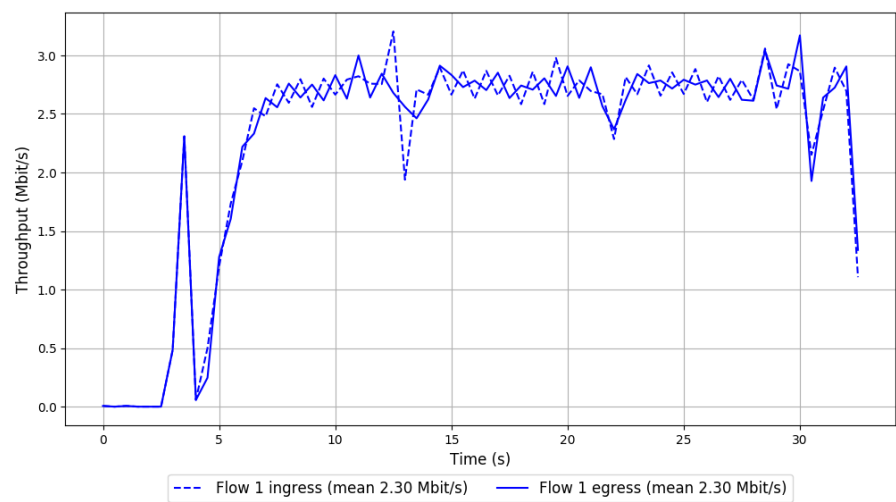
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 66.053 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-04 10:20:39

End at: 2018-02-04 10:21:09

Local clock offset: -1.364 ms

Remote clock offset: 1.849 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.98 Mbit/s

95th percentile per-packet one-way delay: 65.883 ms

Loss rate: 0.36%

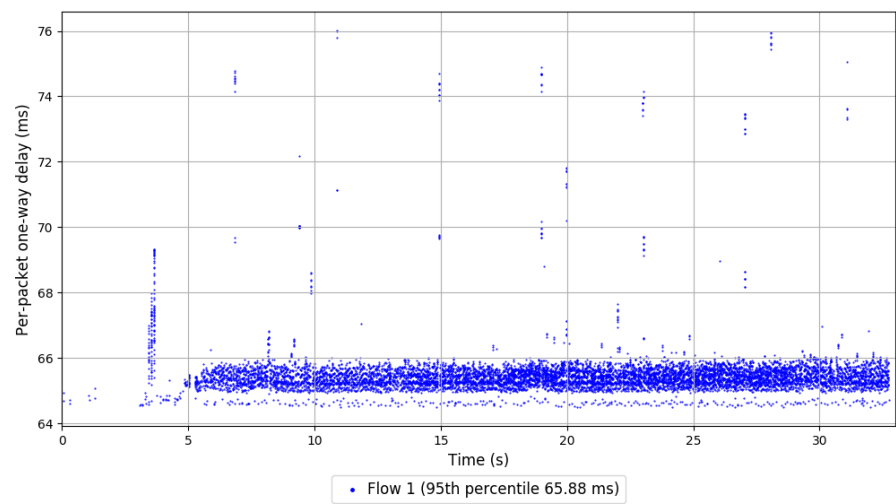
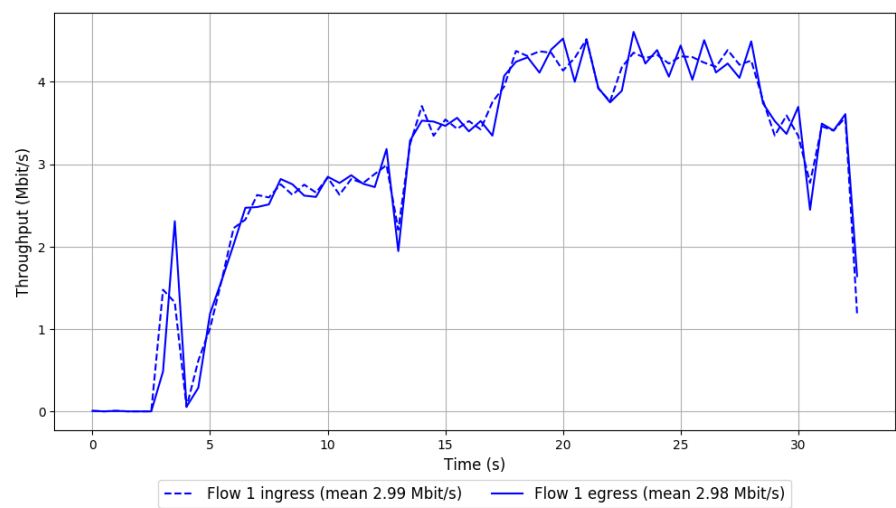
-- Flow 1:

Average throughput: 2.98 Mbit/s

95th percentile per-packet one-way delay: 65.883 ms

Loss rate: 0.36%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-04 10:47:11

End at: 2018-02-04 10:47:41

Local clock offset: -1.203 ms

Remote clock offset: 1.486 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 65.989 ms

Loss rate: 0.00%

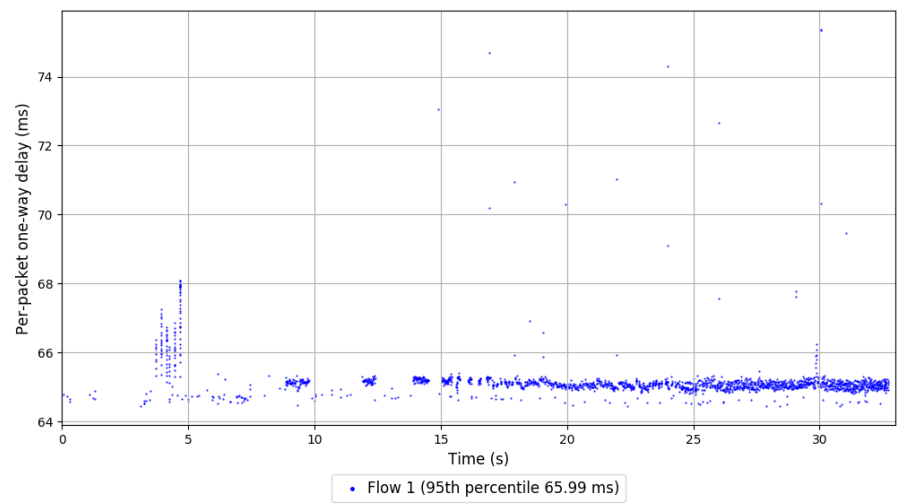
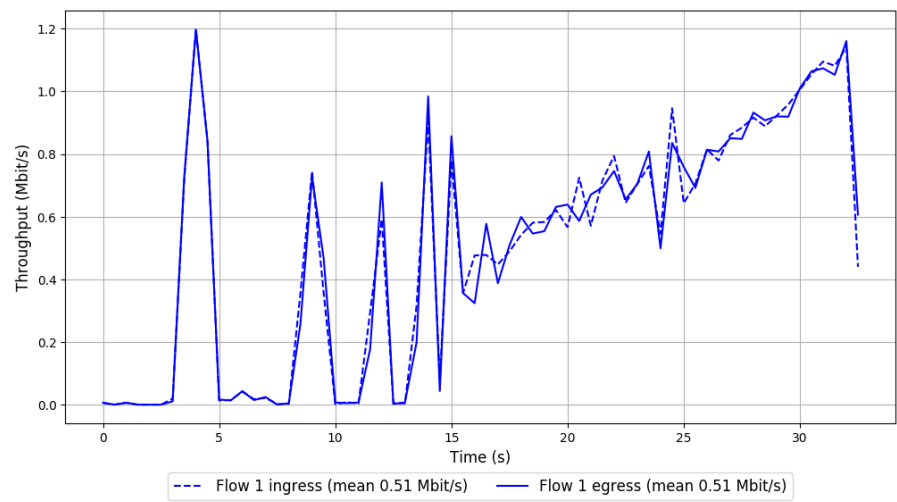
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 65.989 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-02-04 11:13:48

End at: 2018-02-04 11:14:18

Local clock offset: -1.182 ms

Remote clock offset: 0.91 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.02 Mbit/s

95th percentile per-packet one-way delay: 65.956 ms

Loss rate: 1.57%

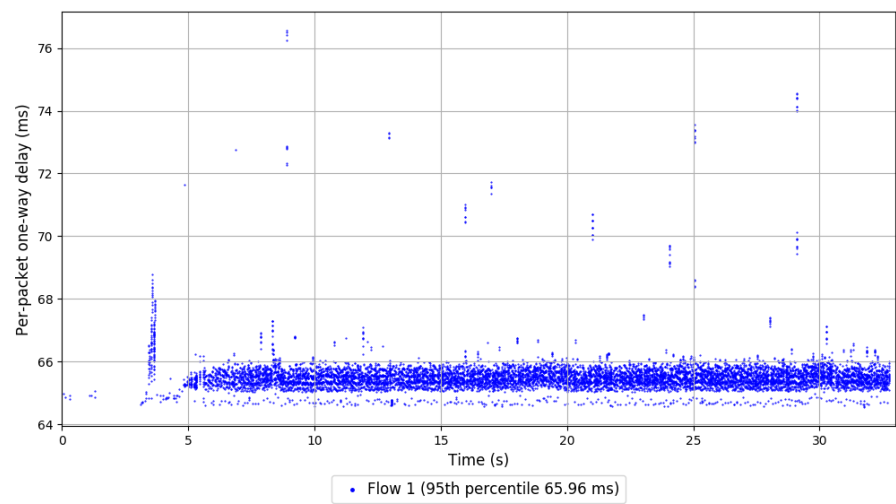
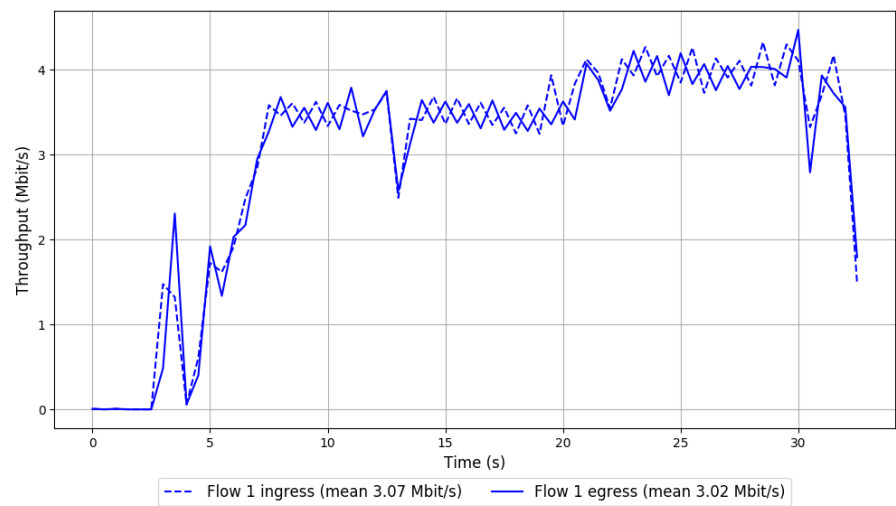
-- Flow 1:

Average throughput: 3.02 Mbit/s

95th percentile per-packet one-way delay: 65.956 ms

Loss rate: 1.57%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-04 11:35:18

End at: 2018-02-04 11:35:48

Local clock offset: -4.053 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 69.664 ms

Loss rate: 2.02%

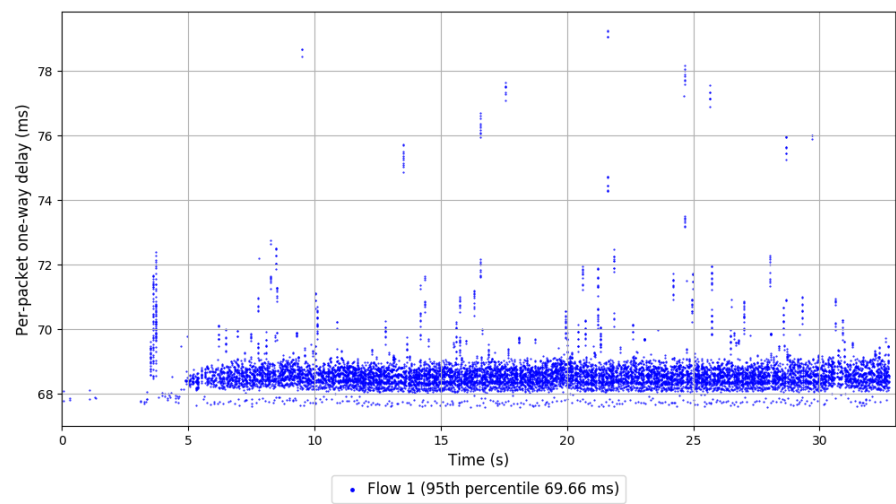
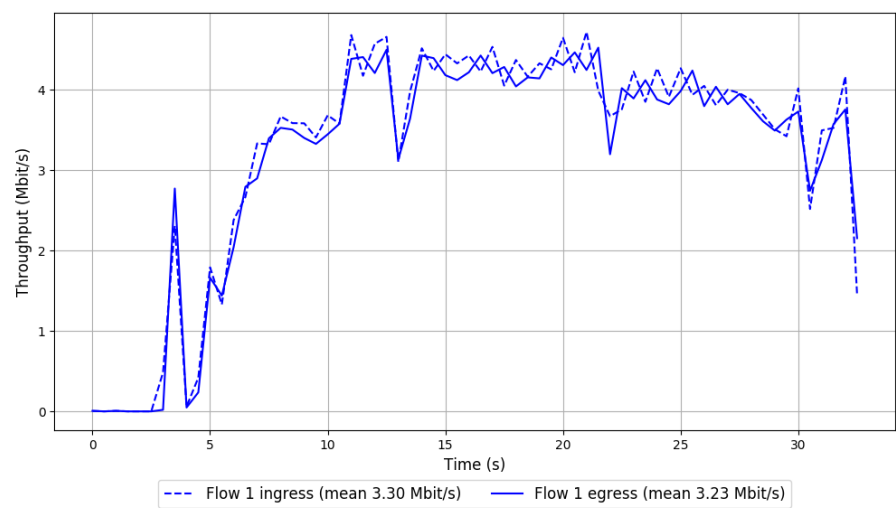
-- Flow 1:

Average throughput: 3.23 Mbit/s

95th percentile per-packet one-way delay: 69.664 ms

Loss rate: 2.02%

Run 10: Report of WebRTC media — Data Link

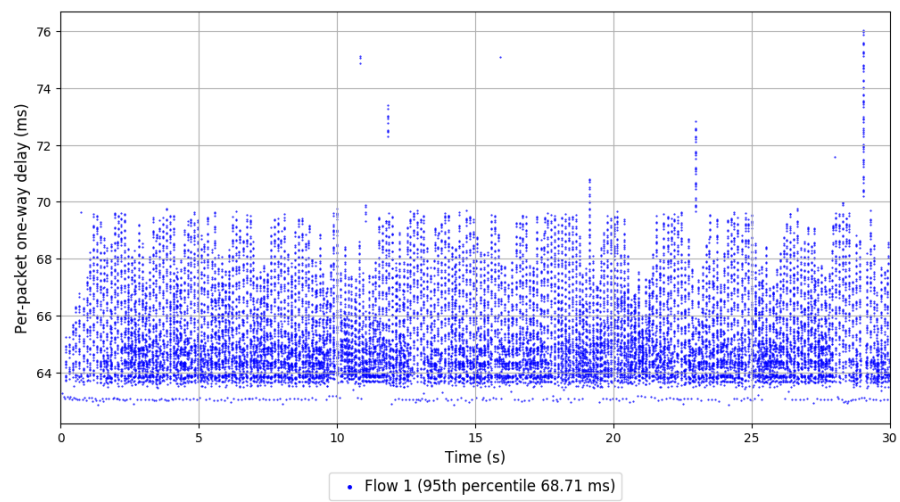
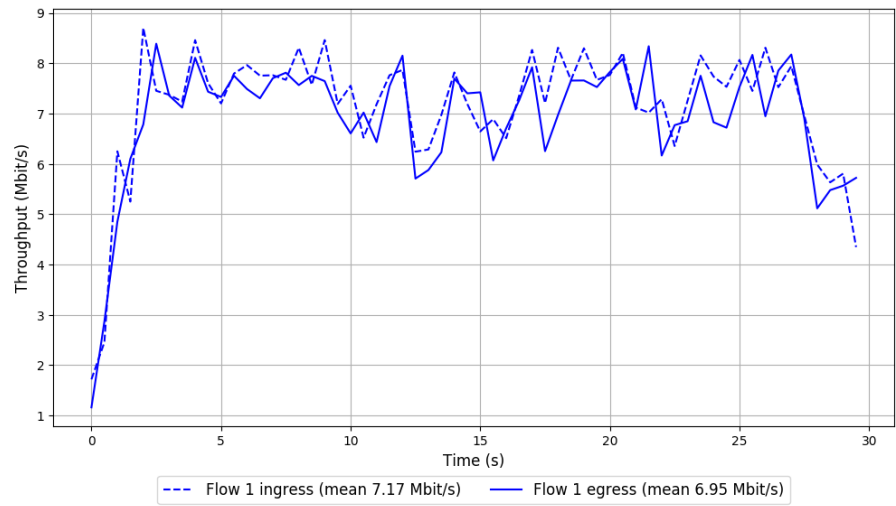


Run 1: Statistics of Sprout

Start at: 2018-02-04 08:21:25
End at: 2018-02-04 08:21:55
Local clock offset: 2.357 ms
Remote clock offset: 10.762 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 68.707 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 6.95 Mbit/s
95th percentile per-packet one-way delay: 68.707 ms
Loss rate: 3.11%

Run 1: Report of Sprout — Data Link

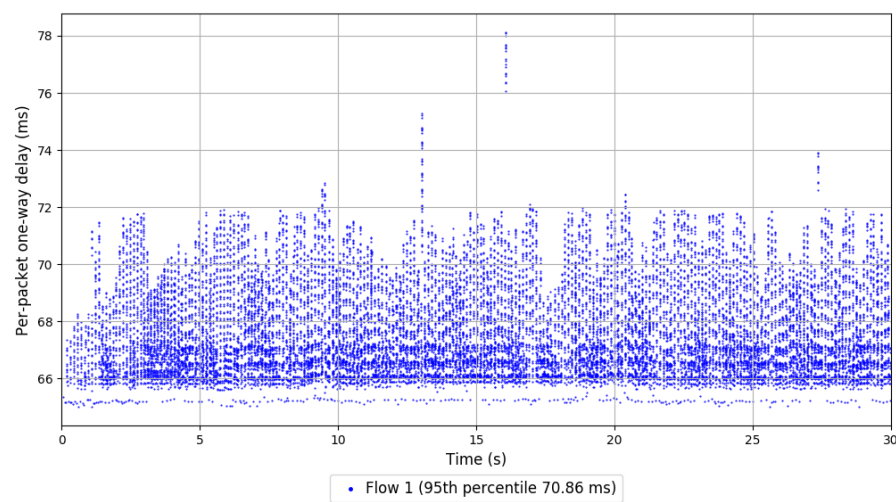
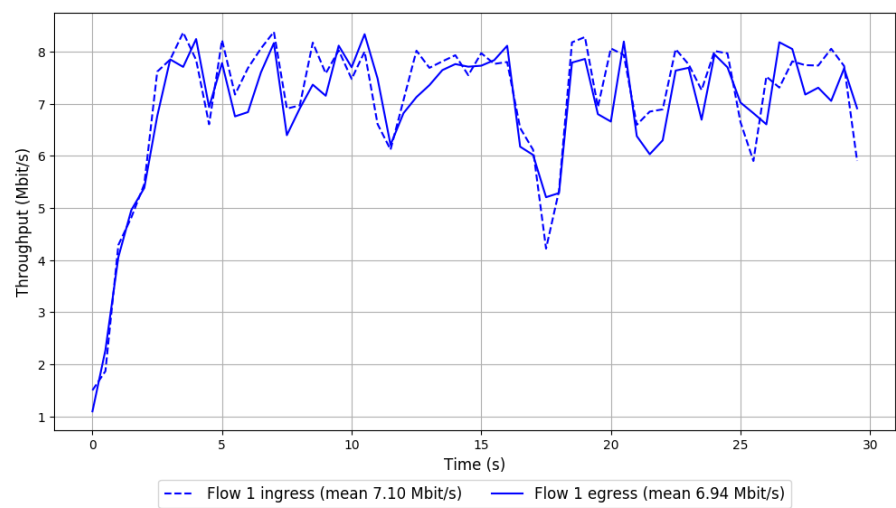


Run 2: Statistics of Sprout

Start at: 2018-02-04 08:43:06
End at: 2018-02-04 08:43:36
Local clock offset: -0.223 ms
Remote clock offset: 10.628 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 70.862 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 6.94 Mbit/s
95th percentile per-packet one-way delay: 70.862 ms
Loss rate: 2.16%

Run 2: Report of Sprout — Data Link

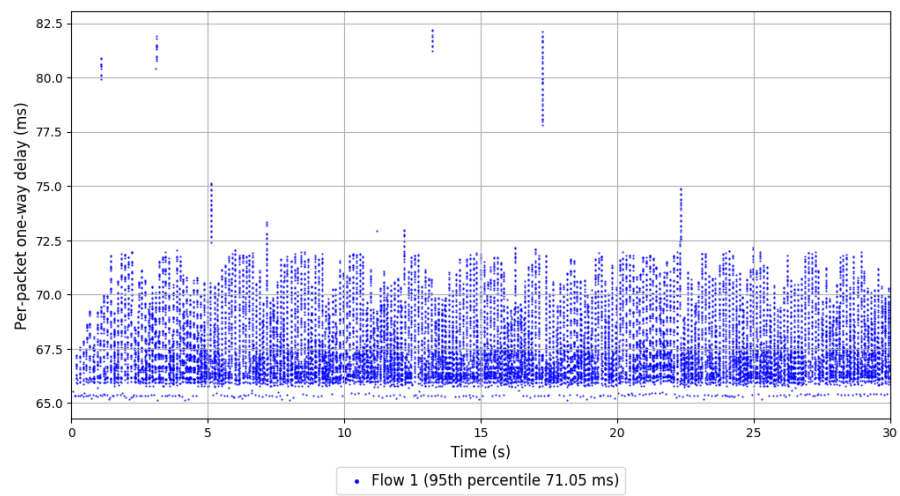
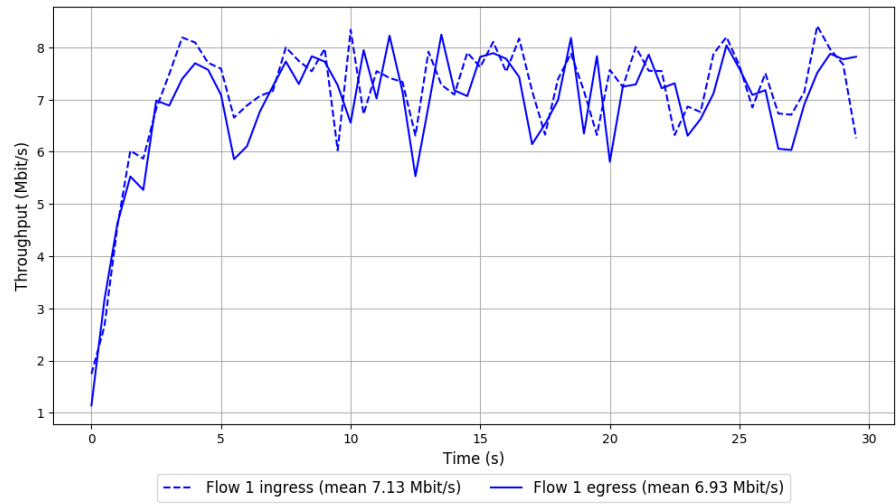


Run 3: Statistics of Sprout

Start at: 2018-02-04 09:04:51
End at: 2018-02-04 09:05:21
Local clock offset: -1.056 ms
Remote clock offset: 10.211 ms

Below is generated by plot.py at 2018-02-04 12:17:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 71.045 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 6.93 Mbit/s
95th percentile per-packet one-way delay: 71.045 ms
Loss rate: 2.72%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-02-04 09:26:32

End at: 2018-02-04 09:27:02

Local clock offset: -0.529 ms

Remote clock offset: 6.537 ms

Below is generated by plot.py at 2018-02-04 12:17:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.04 Mbit/s

95th percentile per-packet one-way delay: 70.710 ms

Loss rate: 3.23%

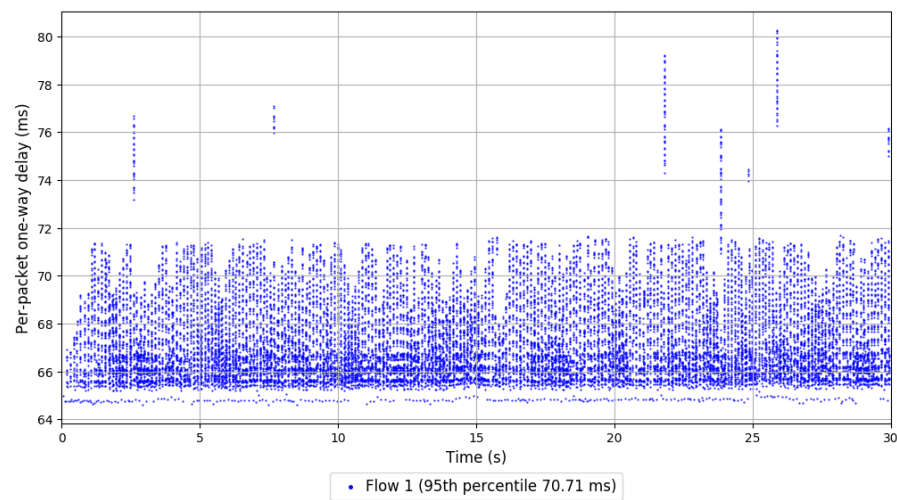
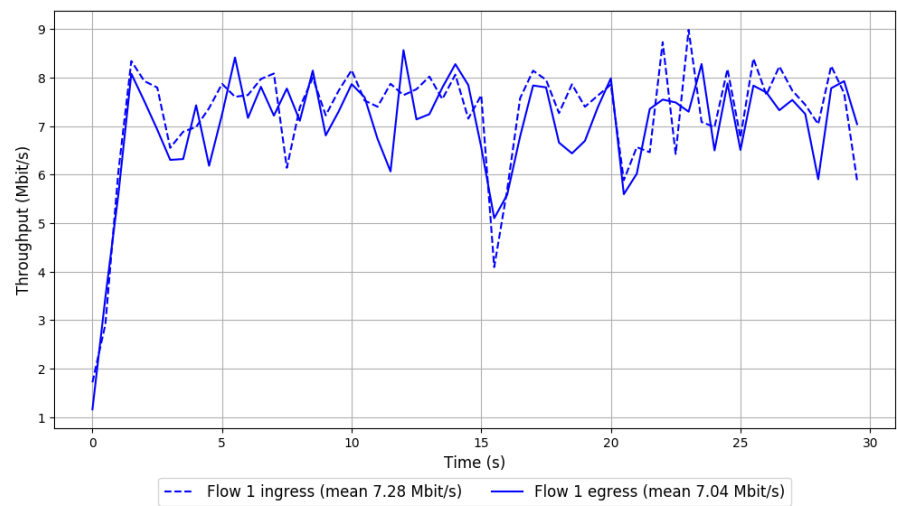
-- Flow 1:

Average throughput: 7.04 Mbit/s

95th percentile per-packet one-way delay: 70.710 ms

Loss rate: 3.23%

Run 4: Report of Sprout — Data Link

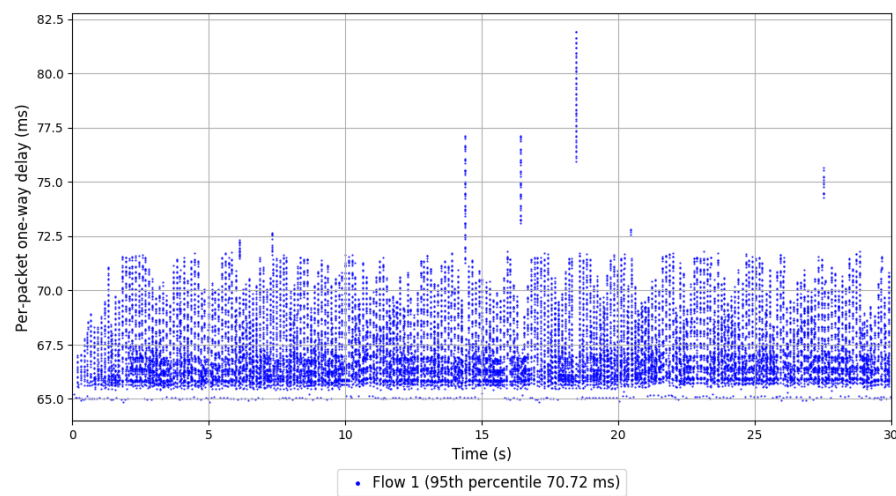
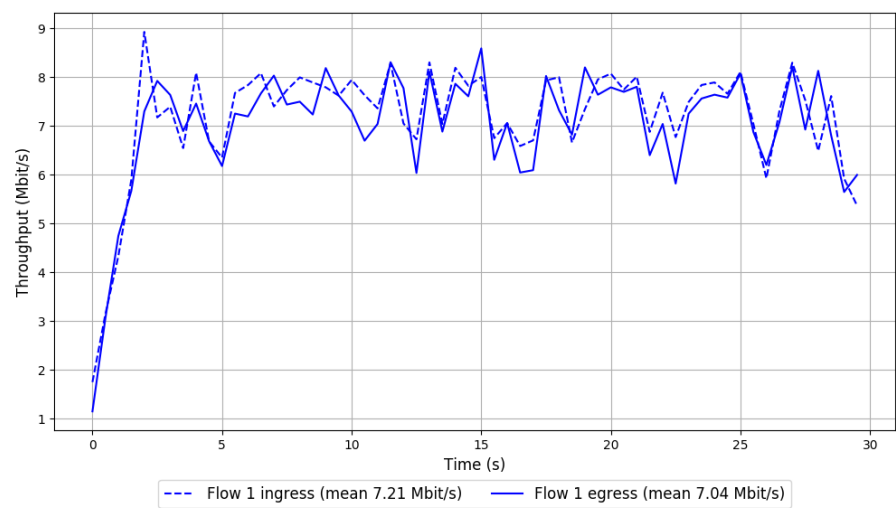


Run 5: Statistics of Sprout

Start at: 2018-02-04 09:48:58
End at: 2018-02-04 09:49:28
Local clock offset: -1.121 ms
Remote clock offset: 3.319 ms

Below is generated by plot.py at 2018-02-04 12:17:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 70.725 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 70.725 ms
Loss rate: 2.37%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-02-04 10:12:14

End at: 2018-02-04 10:12:44

Local clock offset: -1.281 ms

Remote clock offset: 2.063 ms

Below is generated by plot.py at 2018-02-04 12:17:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.80 Mbit/s

95th percentile per-packet one-way delay: 70.608 ms

Loss rate: 2.74%

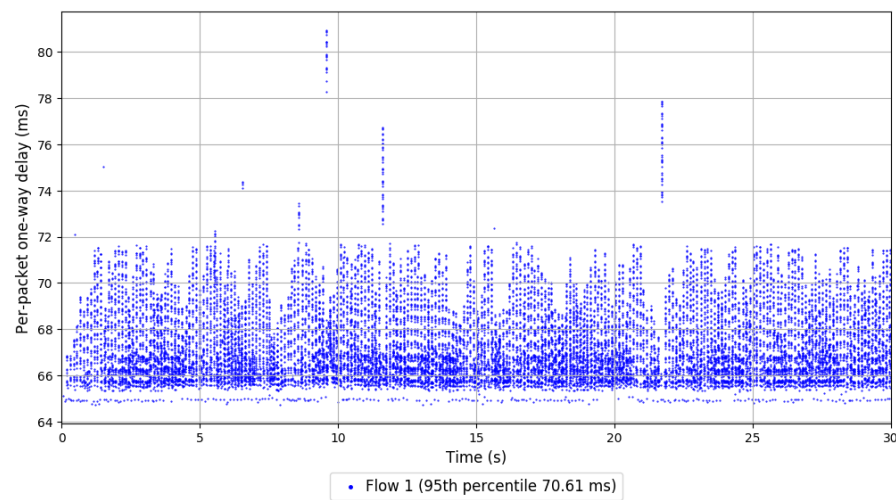
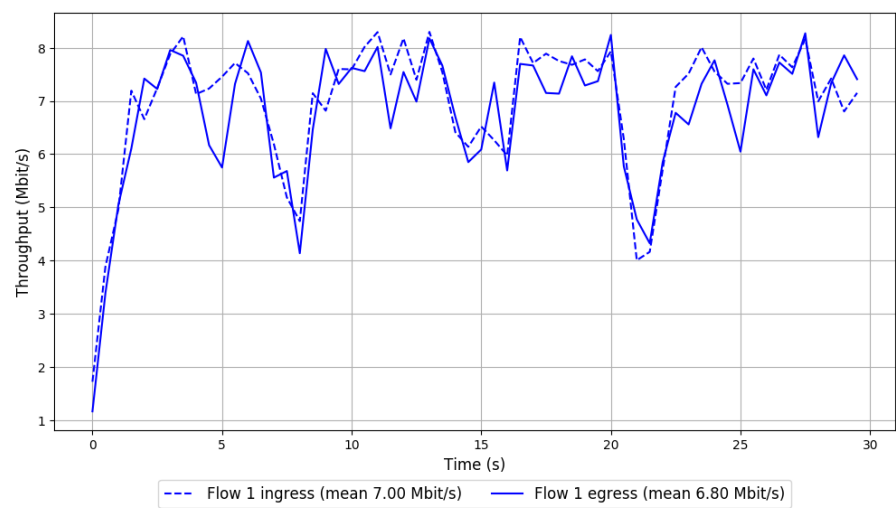
-- Flow 1:

Average throughput: 6.80 Mbit/s

95th percentile per-packet one-way delay: 70.608 ms

Loss rate: 2.74%

Run 6: Report of Sprout — Data Link

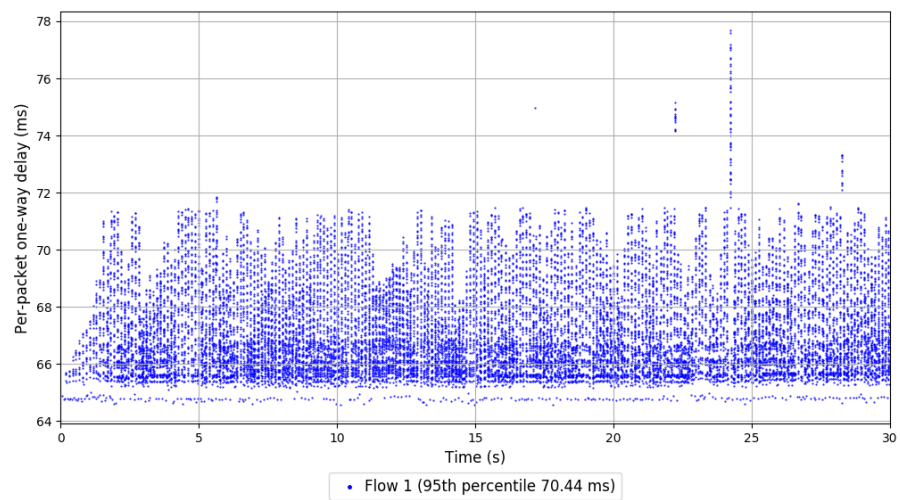
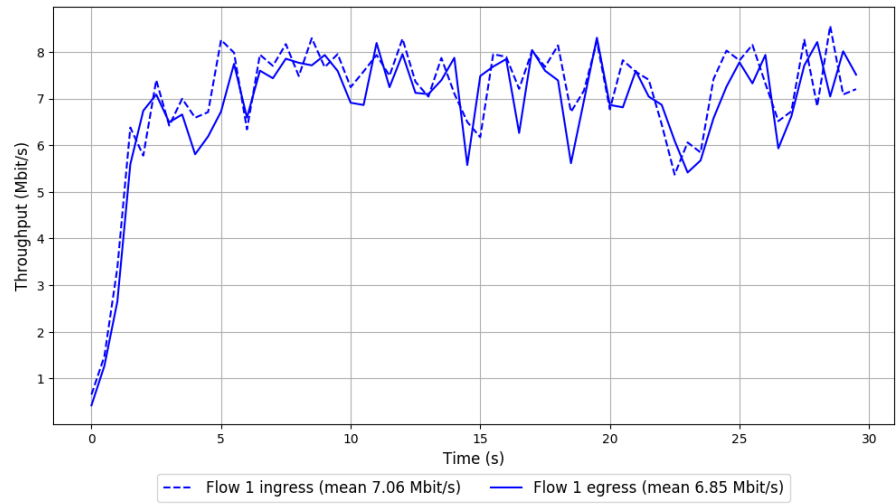


Run 7: Statistics of Sprout

Start at: 2018-02-04 10:33:53
End at: 2018-02-04 10:34:23
Local clock offset: -1.165 ms
Remote clock offset: 1.711 ms

Below is generated by plot.py at 2018-02-04 12:17:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.85 Mbit/s
95th percentile per-packet one-way delay: 70.441 ms
Loss rate: 3.04%
-- Flow 1:
Average throughput: 6.85 Mbit/s
95th percentile per-packet one-way delay: 70.441 ms
Loss rate: 3.04%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-02-04 11:05:23

End at: 2018-02-04 11:05:53

Local clock offset: -1.185 ms

Remote clock offset: 1.018 ms

Below is generated by plot.py at 2018-02-04 12:17:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.76 Mbit/s

95th percentile per-packet one-way delay: 70.374 ms

Loss rate: 2.71%

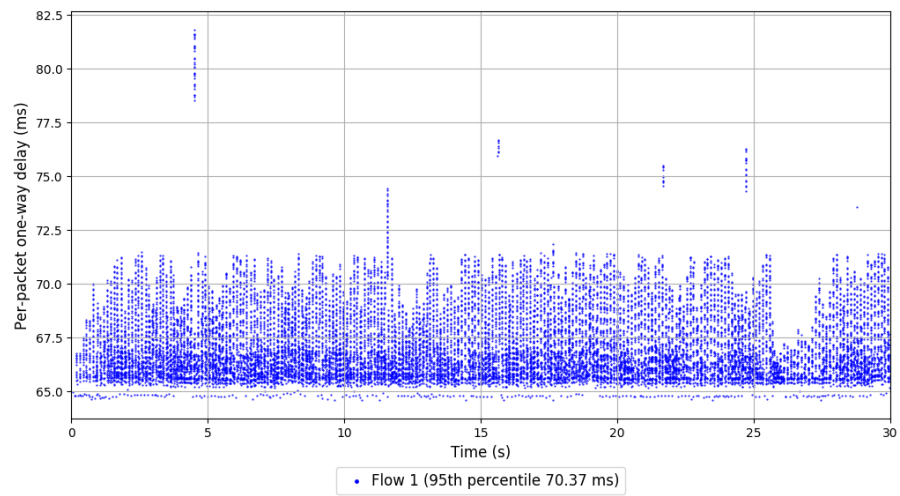
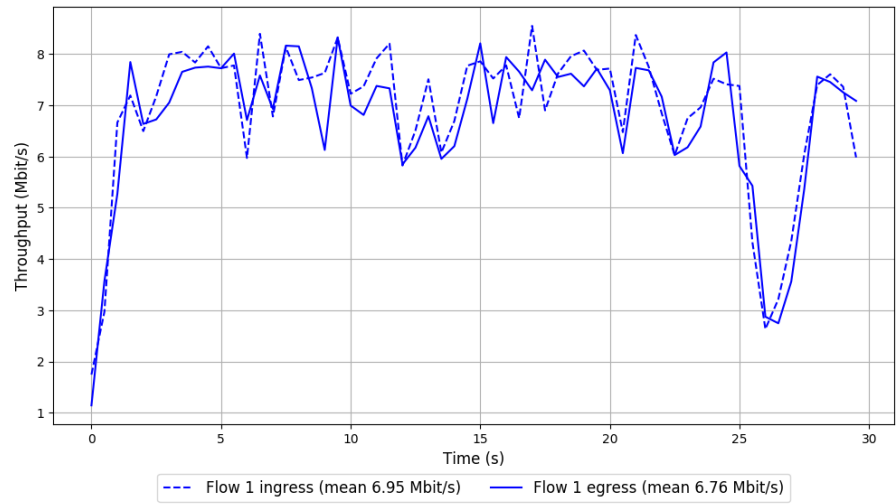
-- Flow 1:

Average throughput: 6.76 Mbit/s

95th percentile per-packet one-way delay: 70.374 ms

Loss rate: 2.71%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-02-04 11:27:01

End at: 2018-02-04 11:27:31

Local clock offset: -1.181 ms

Remote clock offset: 0.658 ms

Below is generated by plot.py at 2018-02-04 12:17:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.16 Mbit/s

95th percentile per-packet one-way delay: 70.549 ms

Loss rate: 6.83%

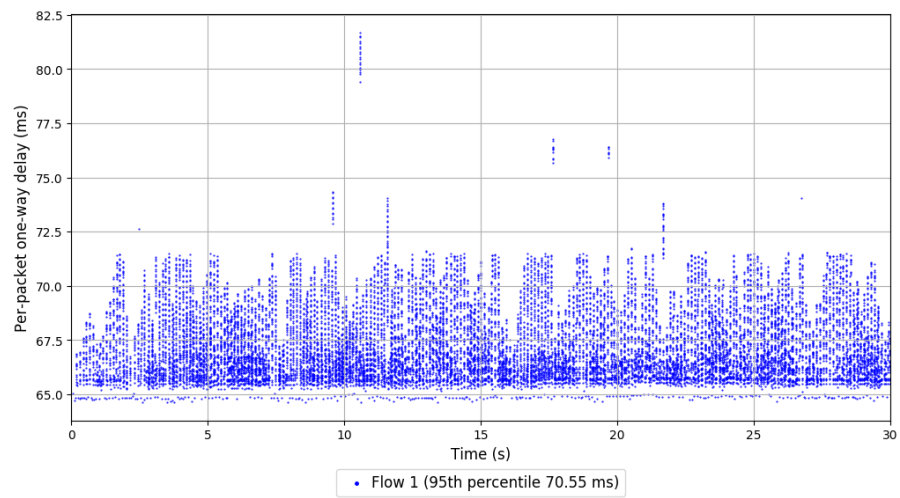
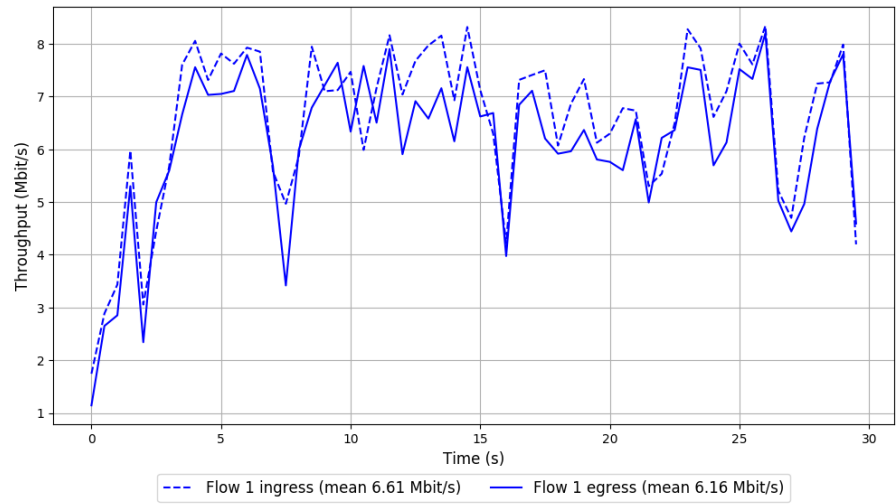
-- Flow 1:

Average throughput: 6.16 Mbit/s

95th percentile per-packet one-way delay: 70.549 ms

Loss rate: 6.83%

Run 9: Report of Sprout — Data Link

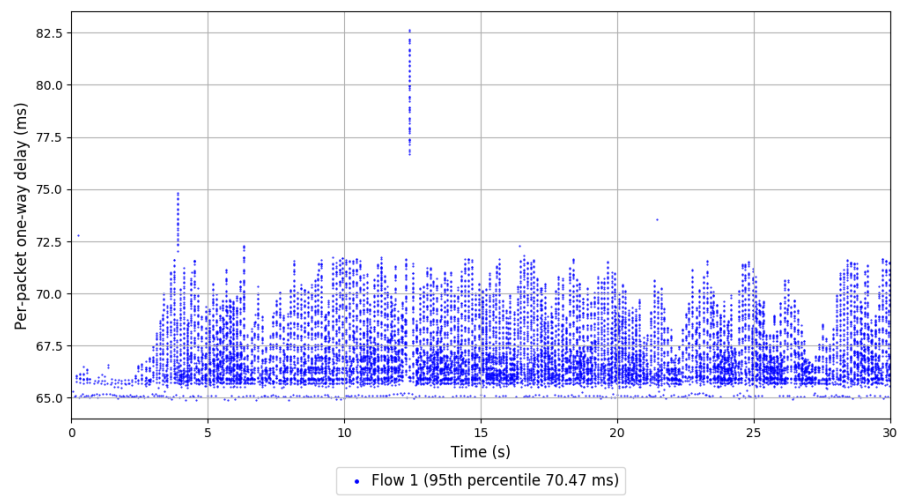
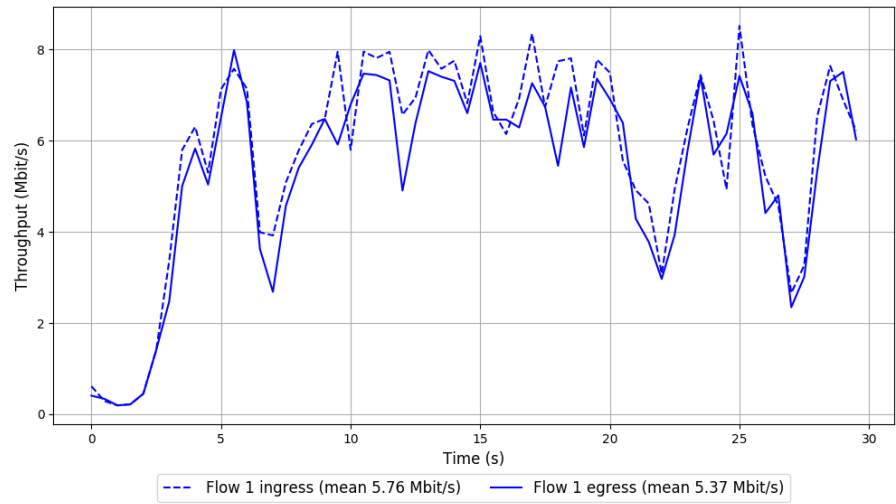


Run 10: Statistics of Sprout

Start at: 2018-02-04 11:48:31
End at: 2018-02-04 11:49:01
Local clock offset: -1.298 ms
Remote clock offset: -0.384 ms

Below is generated by plot.py at 2018-02-04 12:17:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 70.474 ms
Loss rate: 6.78%
-- Flow 1:
Average throughput: 5.37 Mbit/s
95th percentile per-packet one-way delay: 70.474 ms
Loss rate: 6.78%

Run 10: Report of Sprout — Data Link

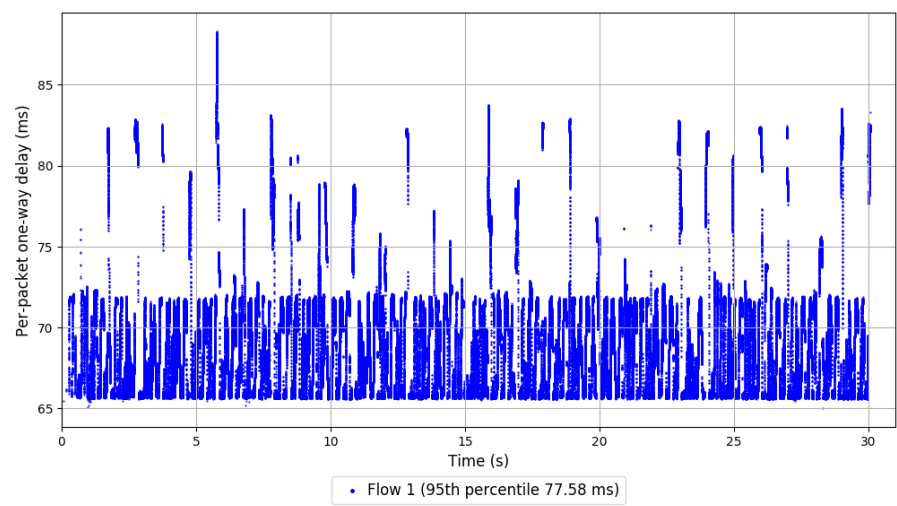
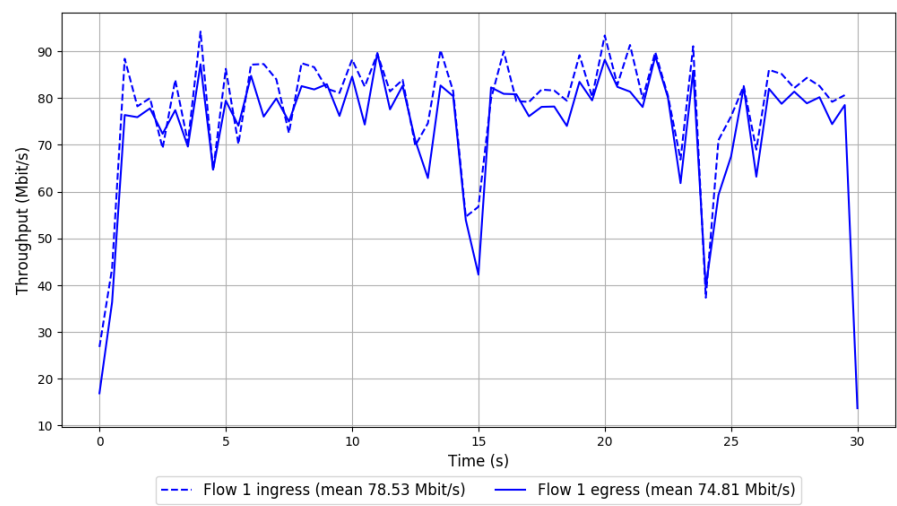


Run 1: Statistics of TaoVA-100x

Start at: 2018-02-04 08:17:46
End at: 2018-02-04 08:18:16
Local clock offset: -0.015 ms
Remote clock offset: 10.683 ms

Below is generated by plot.py at 2018-02-04 12:19:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 77.582 ms
Loss rate: 4.69%
-- Flow 1:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 77.582 ms
Loss rate: 4.69%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-04 08:39:27

End at: 2018-02-04 08:39:57

Local clock offset: 0.165 ms

Remote clock offset: 10.727 ms

Below is generated by plot.py at 2018-02-04 12:19:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.60 Mbit/s

95th percentile per-packet one-way delay: 75.191 ms

Loss rate: 5.19%

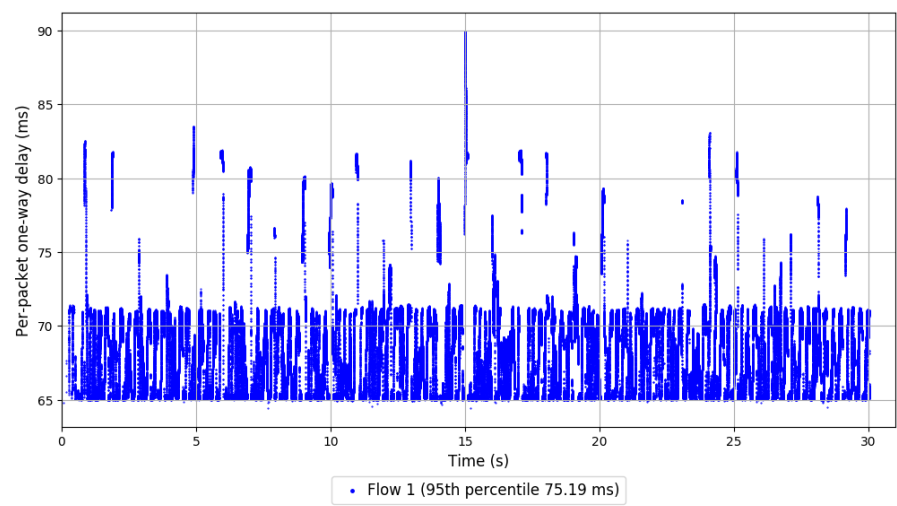
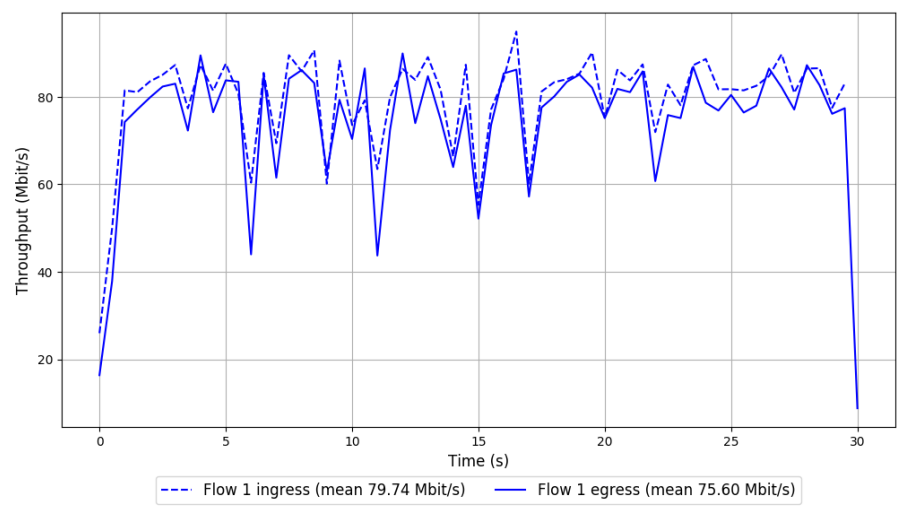
-- Flow 1:

Average throughput: 75.60 Mbit/s

95th percentile per-packet one-way delay: 75.191 ms

Loss rate: 5.19%

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

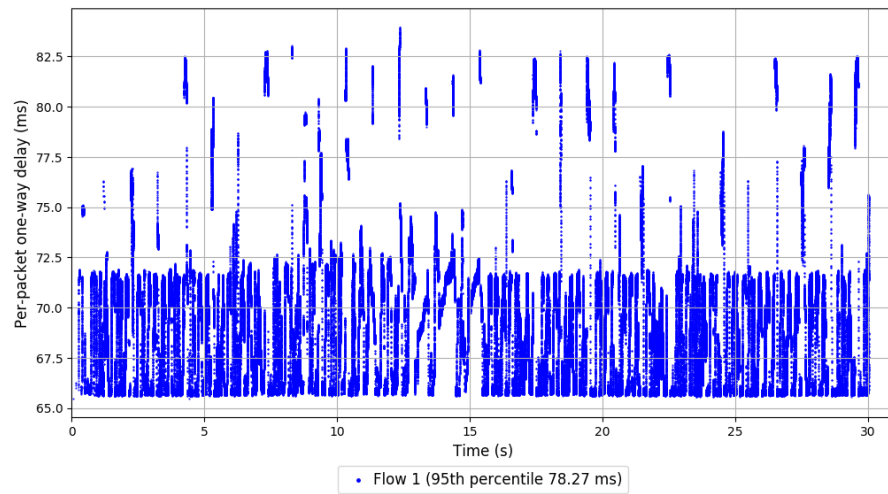
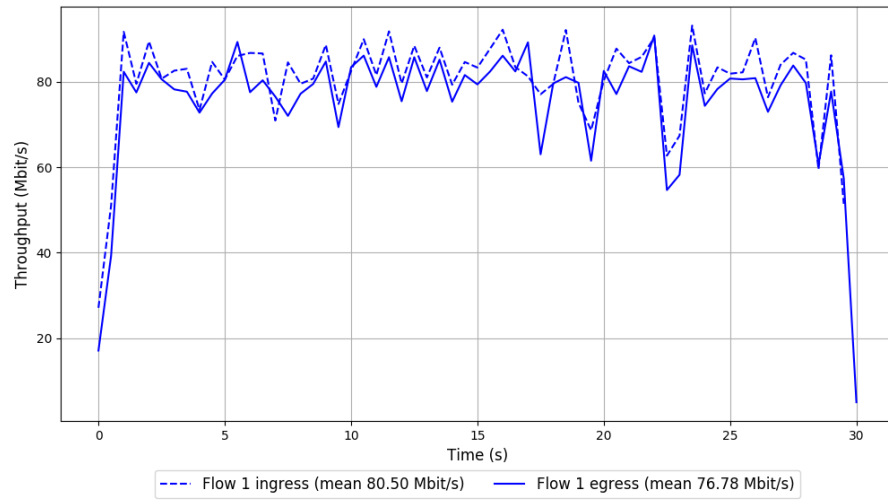


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-04 09:01:11
End at: 2018-02-04 09:01:41
Local clock offset: -0.88 ms
Remote clock offset: 10.246 ms

Below is generated by plot.py at 2018-02-04 12:19:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.78 Mbit/s
95th percentile per-packet one-way delay: 78.267 ms
Loss rate: 4.62%
-- Flow 1:
Average throughput: 76.78 Mbit/s
95th percentile per-packet one-way delay: 78.267 ms
Loss rate: 4.62%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-04 09:22:53

End at: 2018-02-04 09:23:23

Local clock offset: -3.418 ms

Remote clock offset: 7.193 ms

Below is generated by plot.py at 2018-02-04 12:19:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.04 Mbit/s

95th percentile per-packet one-way delay: 80.646 ms

Loss rate: 4.29%

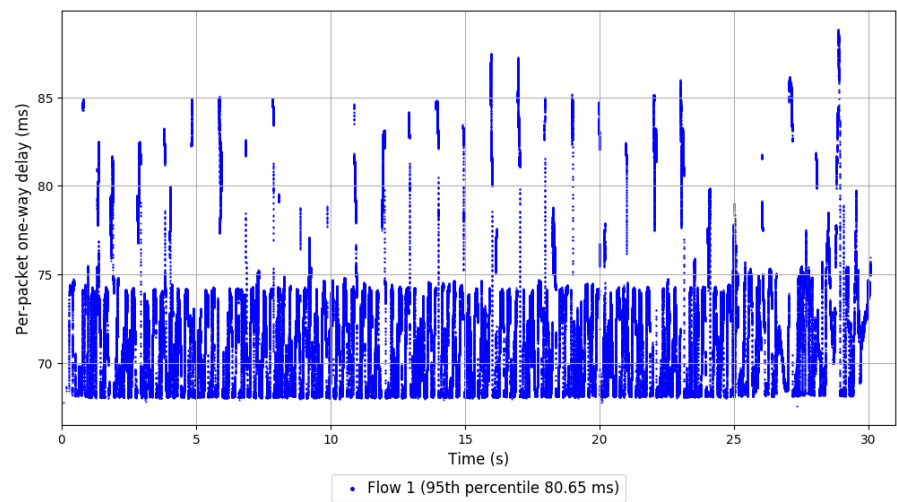
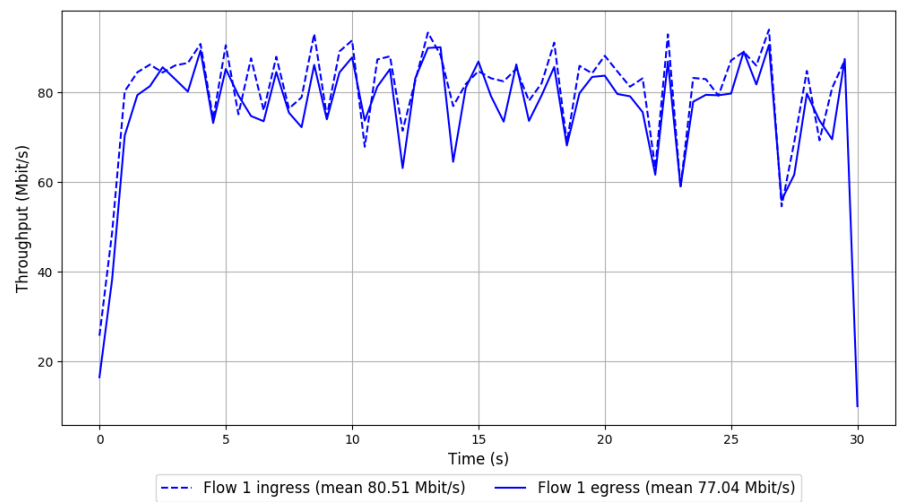
-- Flow 1:

Average throughput: 77.04 Mbit/s

95th percentile per-packet one-way delay: 80.646 ms

Loss rate: 4.29%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-04 09:45:19

End at: 2018-02-04 09:45:49

Local clock offset: -0.768 ms

Remote clock offset: 3.675 ms

Below is generated by plot.py at 2018-02-04 12:19:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.79 Mbit/s

95th percentile per-packet one-way delay: 75.174 ms

Loss rate: 5.31%

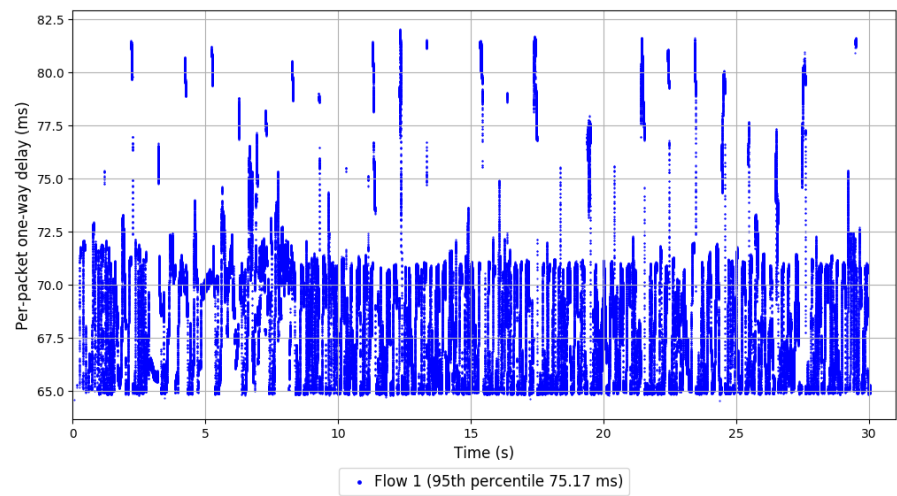
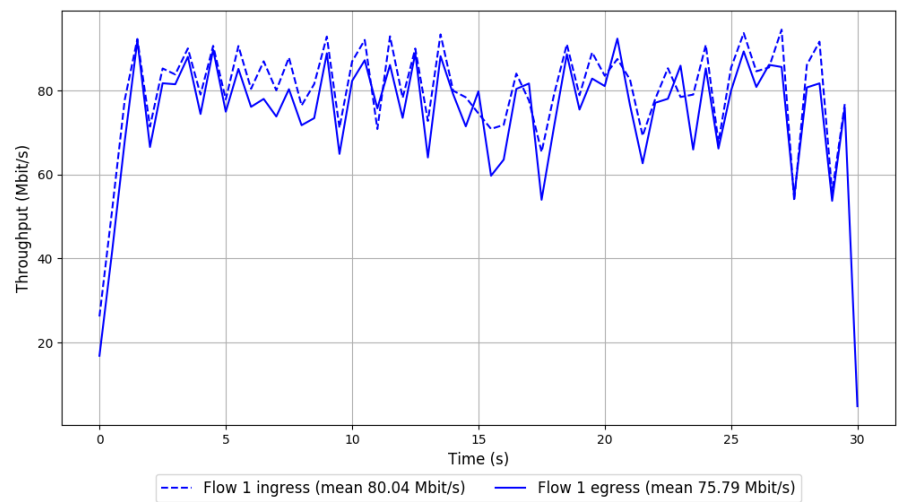
-- Flow 1:

Average throughput: 75.79 Mbit/s

95th percentile per-packet one-way delay: 75.174 ms

Loss rate: 5.31%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-04 10:08:35

End at: 2018-02-04 10:09:05

Local clock offset: -1.162 ms

Remote clock offset: 2.193 ms

Below is generated by plot.py at 2018-02-04 12:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.38 Mbit/s

95th percentile per-packet one-way delay: 76.293 ms

Loss rate: 4.68%

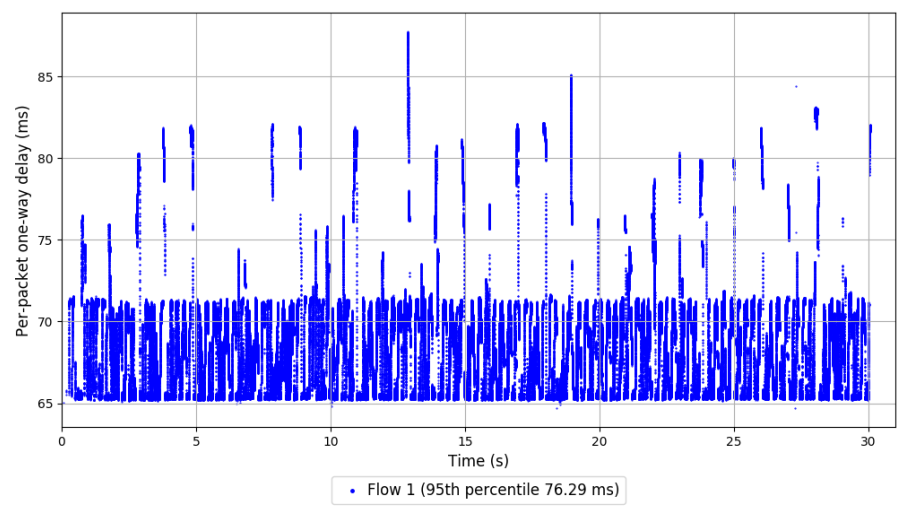
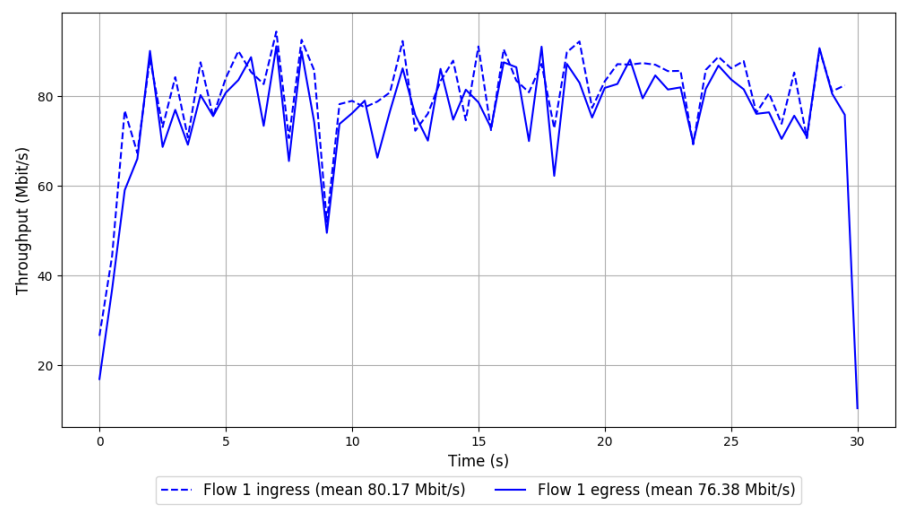
-- Flow 1:

Average throughput: 76.38 Mbit/s

95th percentile per-packet one-way delay: 76.293 ms

Loss rate: 4.68%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-04 10:30:14

End at: 2018-02-04 10:30:44

Local clock offset: -1.2 ms

Remote clock offset: 1.751 ms

Below is generated by plot.py at 2018-02-04 12:19:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.87 Mbit/s

95th percentile per-packet one-way delay: 74.286 ms

Loss rate: 4.06%

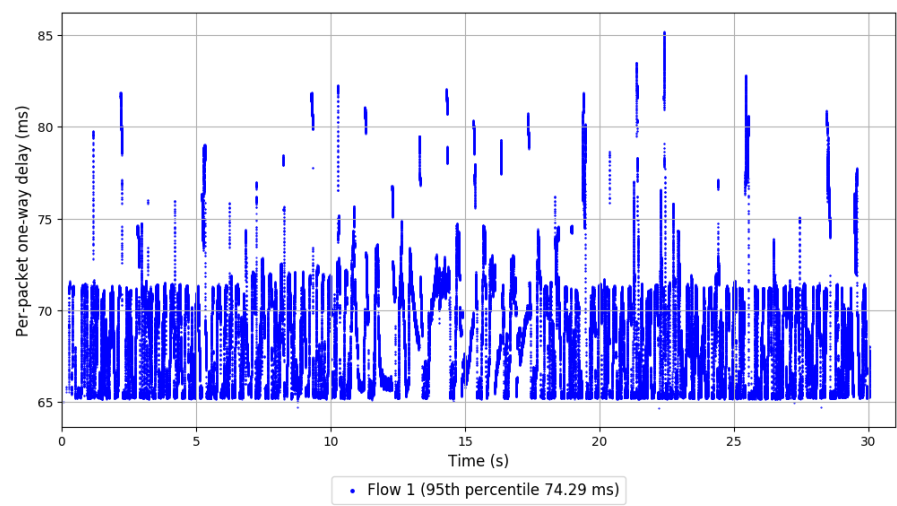
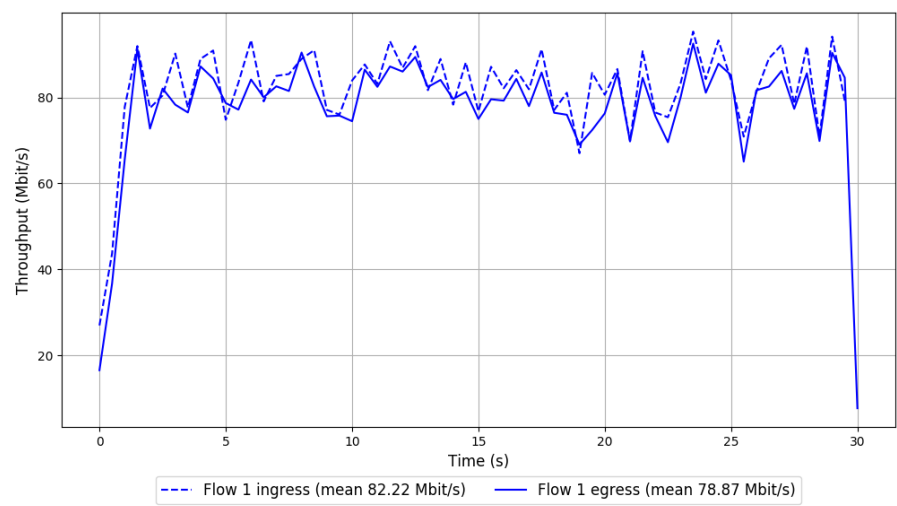
-- Flow 1:

Average throughput: 78.87 Mbit/s

95th percentile per-packet one-way delay: 74.286 ms

Loss rate: 4.06%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-04 11:01:43

End at: 2018-02-04 11:02:13

Local clock offset: -1.339 ms

Remote clock offset: 1.126 ms

Below is generated by plot.py at 2018-02-04 12:19:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.73 Mbit/s

95th percentile per-packet one-way delay: 75.880 ms

Loss rate: 5.02%

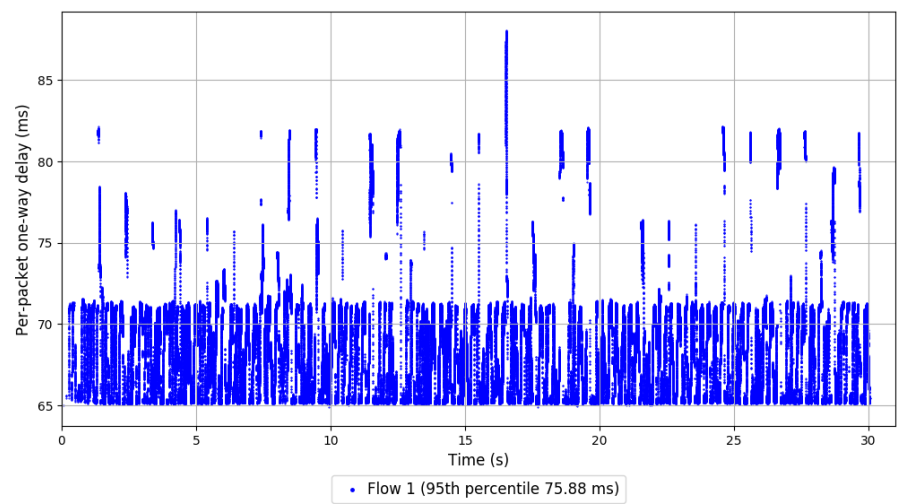
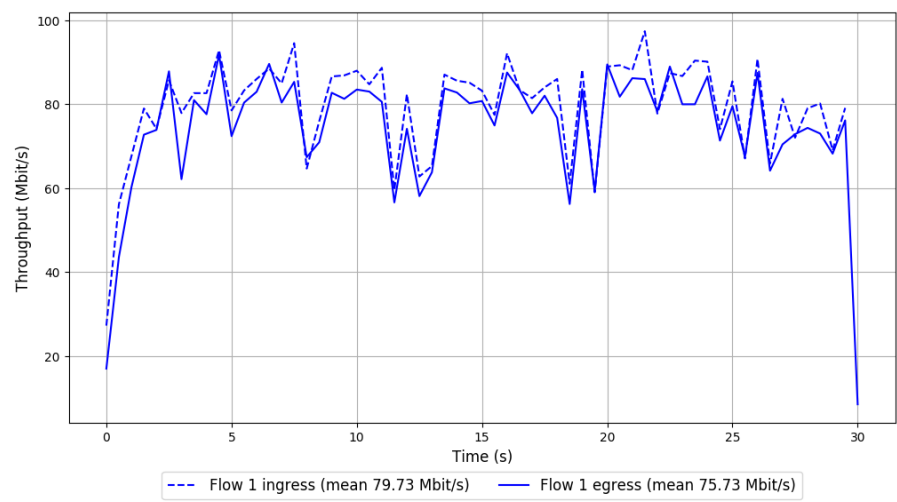
-- Flow 1:

Average throughput: 75.73 Mbit/s

95th percentile per-packet one-way delay: 75.880 ms

Loss rate: 5.02%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-04 11:23:22

End at: 2018-02-04 11:23:52

Local clock offset: -1.507 ms

Remote clock offset: 0.728 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.49 Mbit/s

95th percentile per-packet one-way delay: 76.351 ms

Loss rate: 5.45%

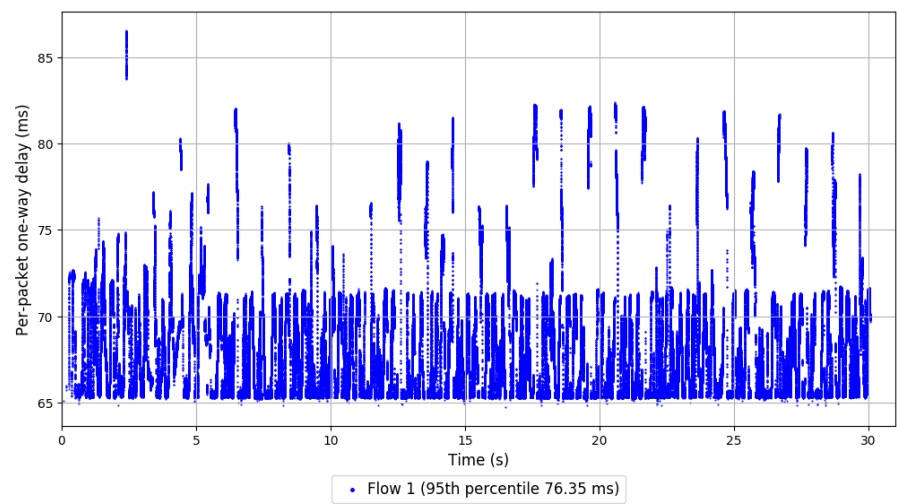
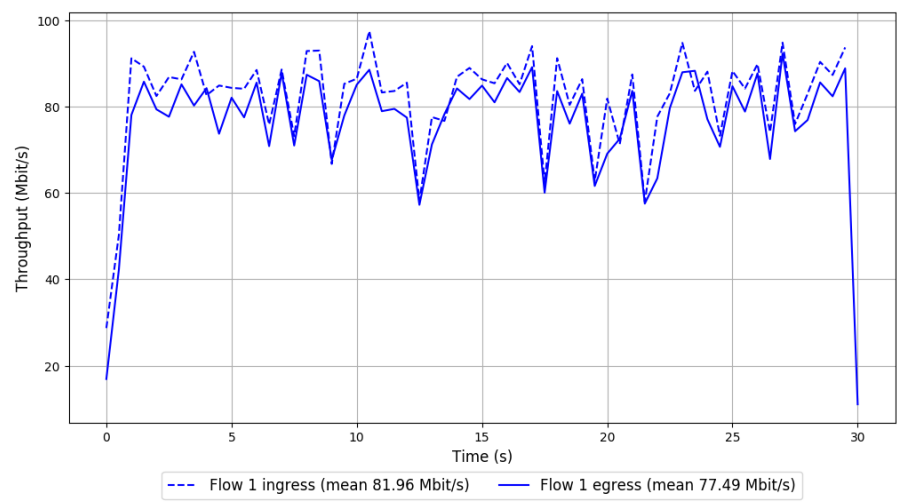
-- Flow 1:

Average throughput: 77.49 Mbit/s

95th percentile per-packet one-way delay: 76.351 ms

Loss rate: 5.45%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-04 11:44:56

End at: 2018-02-04 11:45:26

Local clock offset: -0.952 ms

Remote clock offset: -0.304 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.80 Mbit/s

95th percentile per-packet one-way delay: 77.323 ms

Loss rate: 7.13%

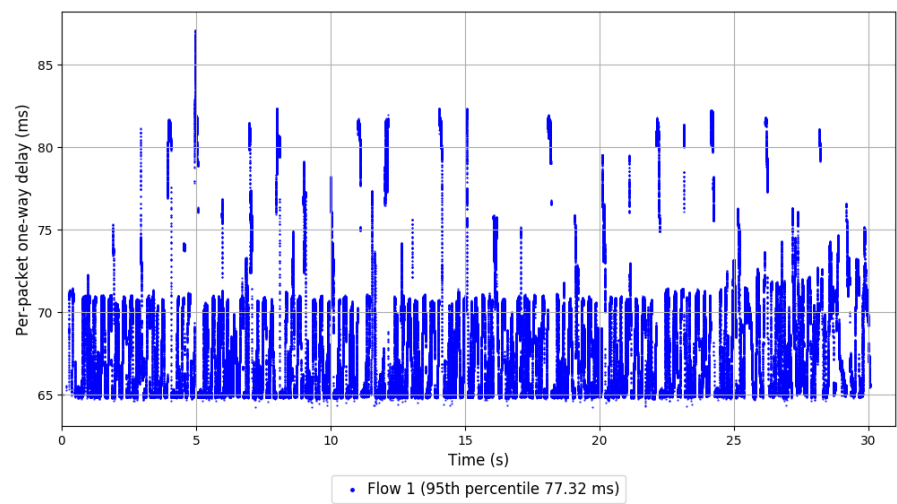
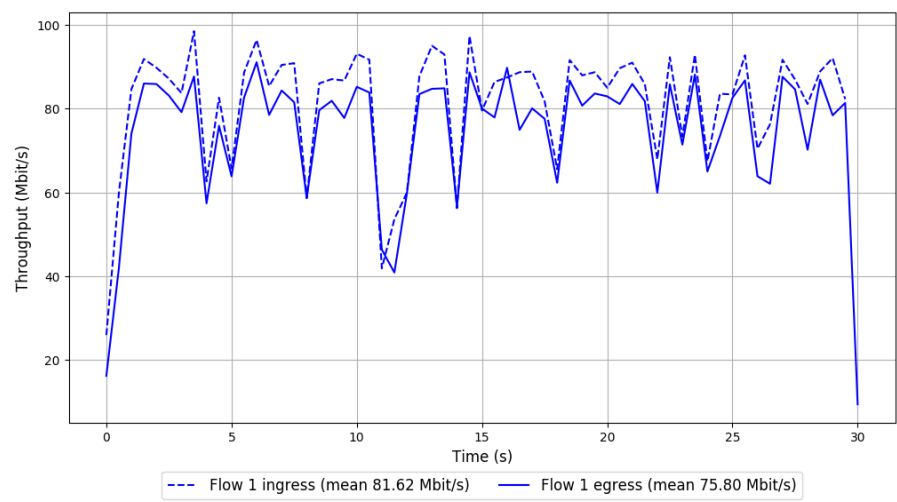
-- Flow 1:

Average throughput: 75.80 Mbit/s

95th percentile per-packet one-way delay: 77.323 ms

Loss rate: 7.13%

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

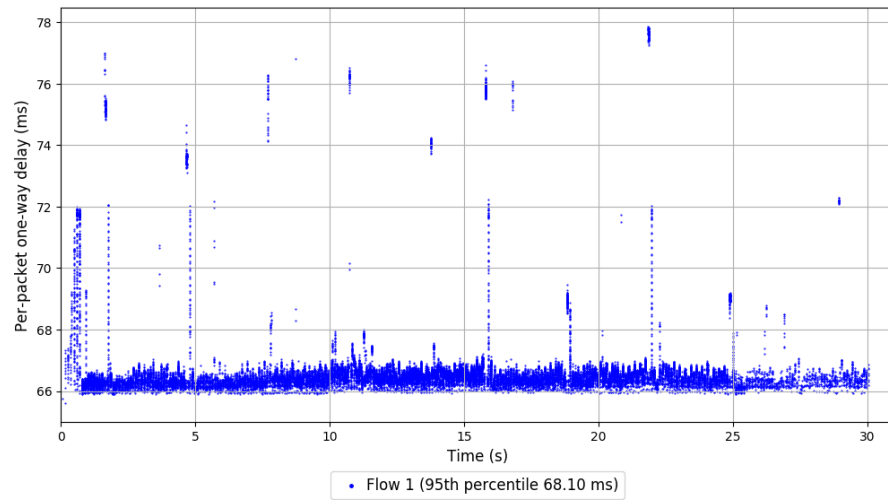
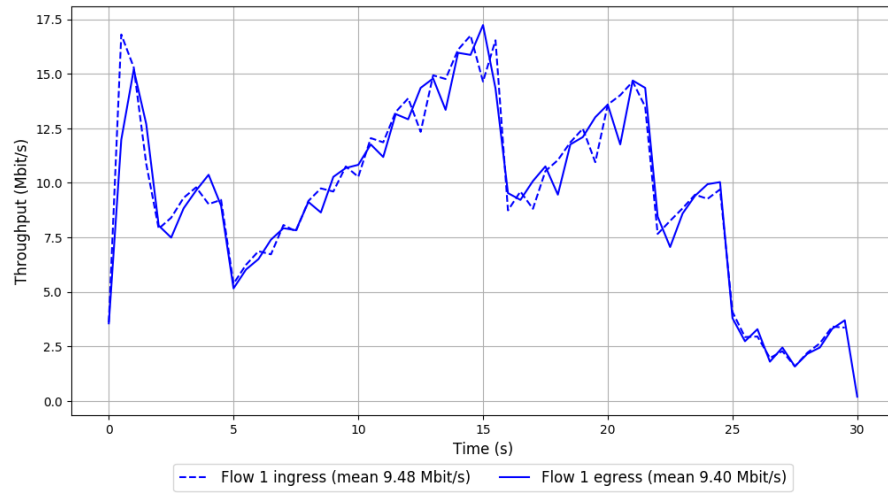


Run 1: Statistics of TCP Vegas

Start at: 2018-02-04 08:14:07
End at: 2018-02-04 08:14:37
Local clock offset: 0.085 ms
Remote clock offset: 10.659 ms

Below is generated by plot.py at 2018-02-04 12:20:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 68.101 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 68.101 ms
Loss rate: 0.87%

Run 1: Report of TCP Vegas — Data Link

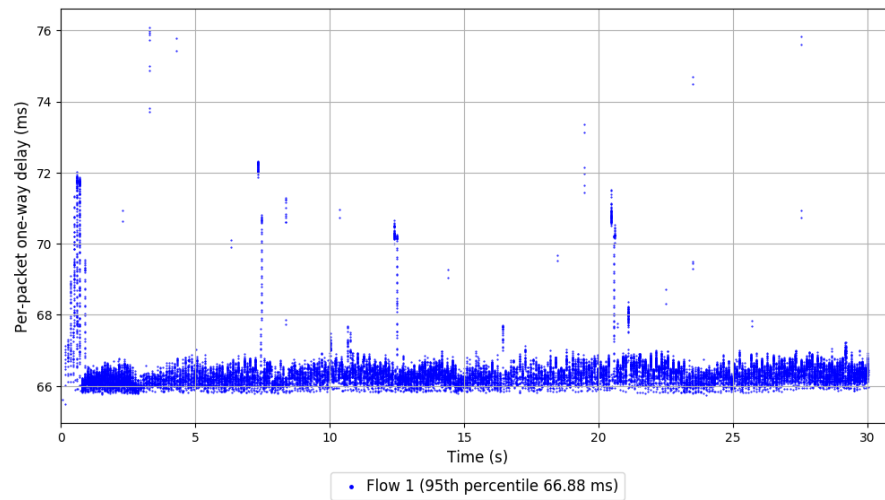
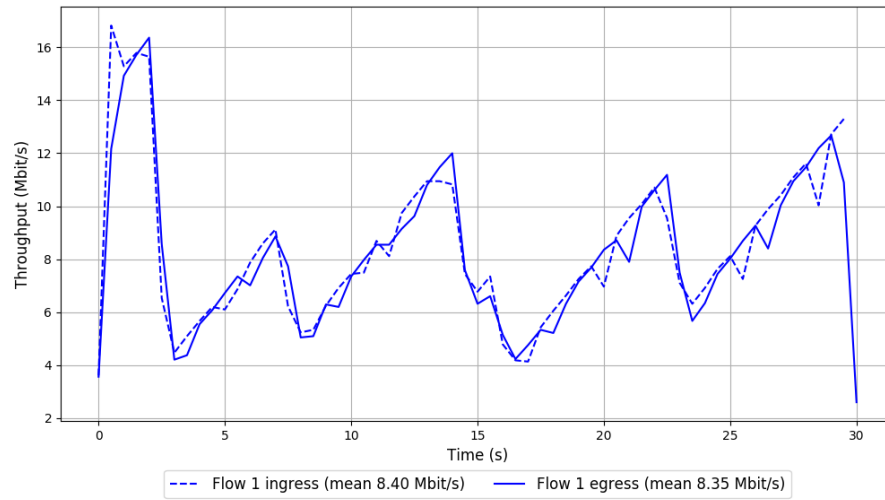


Run 2: Statistics of TCP Vegas

Start at: 2018-02-04 08:35:50
End at: 2018-02-04 08:36:20
Local clock offset: -0.481 ms
Remote clock offset: 10.889 ms

Below is generated by plot.py at 2018-02-04 12:20:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 66.875 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 66.875 ms
Loss rate: 0.56%

Run 2: Report of TCP Vegas — Data Link

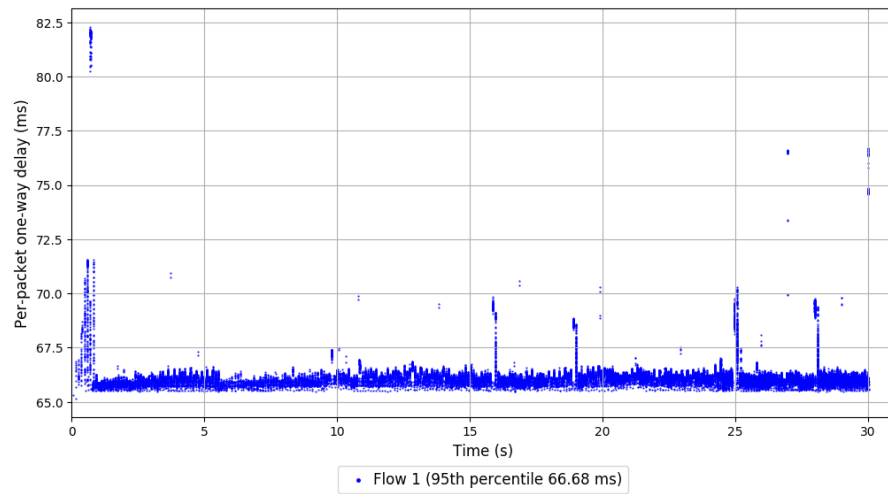
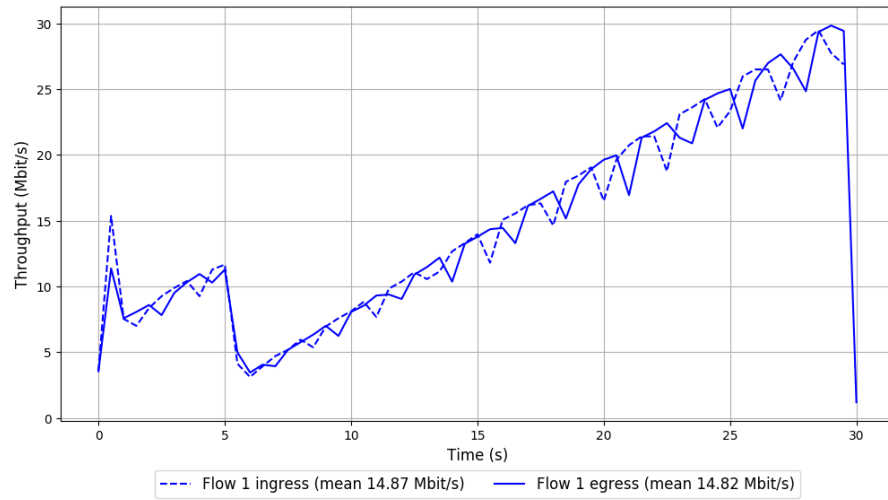


Run 3: Statistics of TCP Vegas

Start at: 2018-02-04 08:57:31
End at: 2018-02-04 08:58:01
Local clock offset: -0.417 ms
Remote clock offset: 10.319 ms

Below is generated by plot.py at 2018-02-04 12:20:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.82 Mbit/s
95th percentile per-packet one-way delay: 66.683 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 14.82 Mbit/s
95th percentile per-packet one-way delay: 66.683 ms
Loss rate: 0.31%

Run 3: Report of TCP Vegas — Data Link

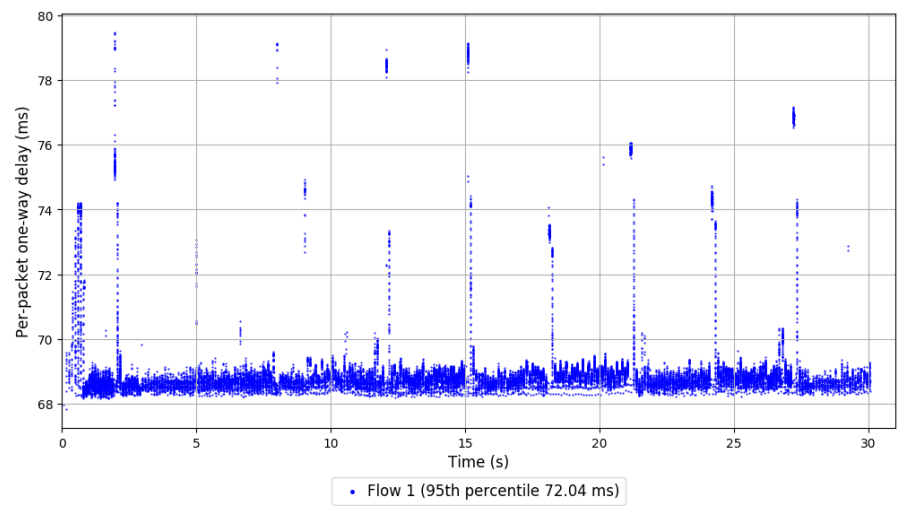
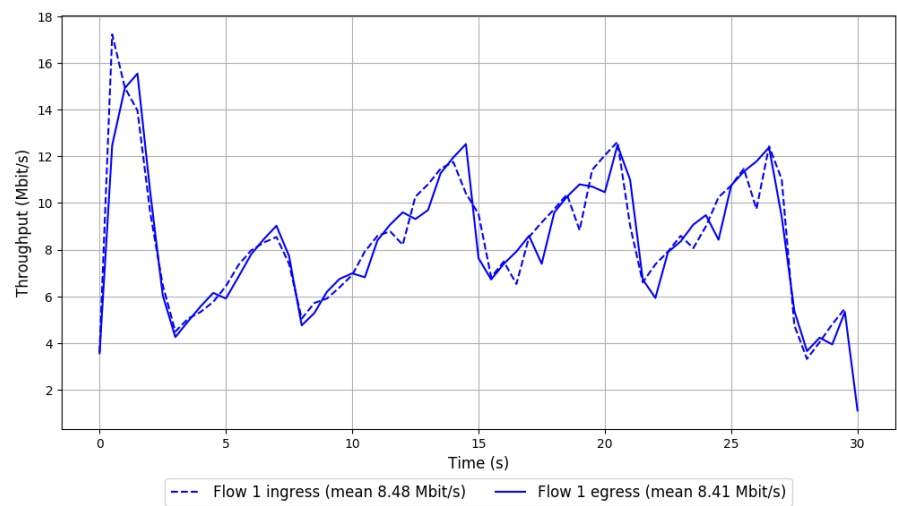


Run 4: Statistics of TCP Vegas

Start at: 2018-02-04 09:19:15
End at: 2018-02-04 09:19:45
Local clock offset: -3.472 ms
Remote clock offset: 7.833 ms

Below is generated by plot.py at 2018-02-04 12:20:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 72.041 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 72.041 ms
Loss rate: 0.77%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-02-04 09:41:38

End at: 2018-02-04 09:42:08

Local clock offset: -1.359 ms

Remote clock offset: 4.085 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.35 Mbit/s

95th percentile per-packet one-way delay: 67.376 ms

Loss rate: 1.04%

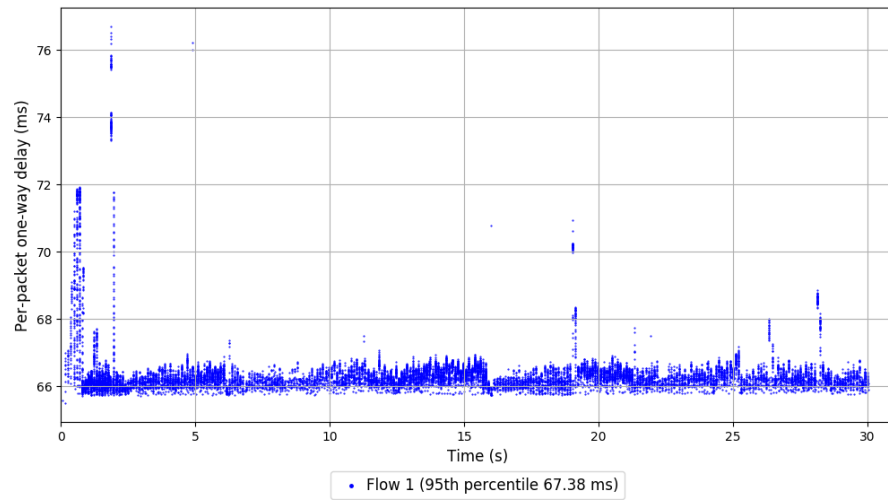
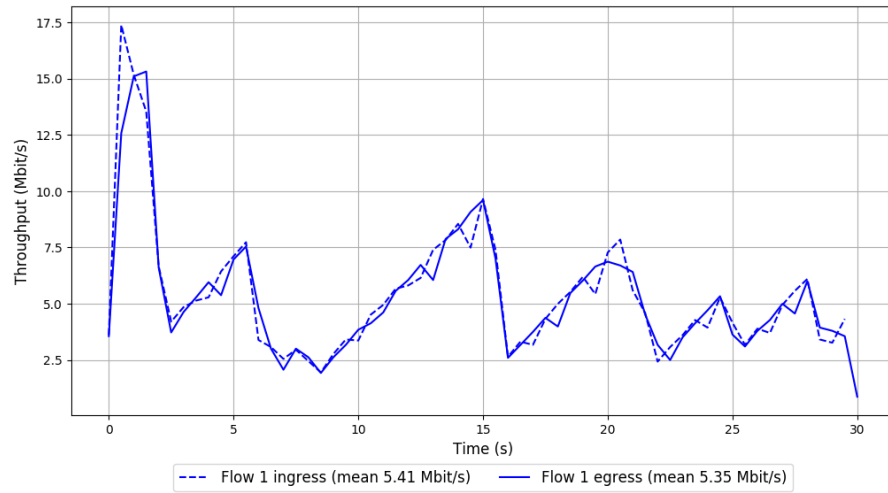
-- Flow 1:

Average throughput: 5.35 Mbit/s

95th percentile per-packet one-way delay: 67.376 ms

Loss rate: 1.04%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-02-04 10:04:57

End at: 2018-02-04 10:05:27

Local clock offset: -1.247 ms

Remote clock offset: 2.328 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.33 Mbit/s

95th percentile per-packet one-way delay: 67.076 ms

Loss rate: 0.67%

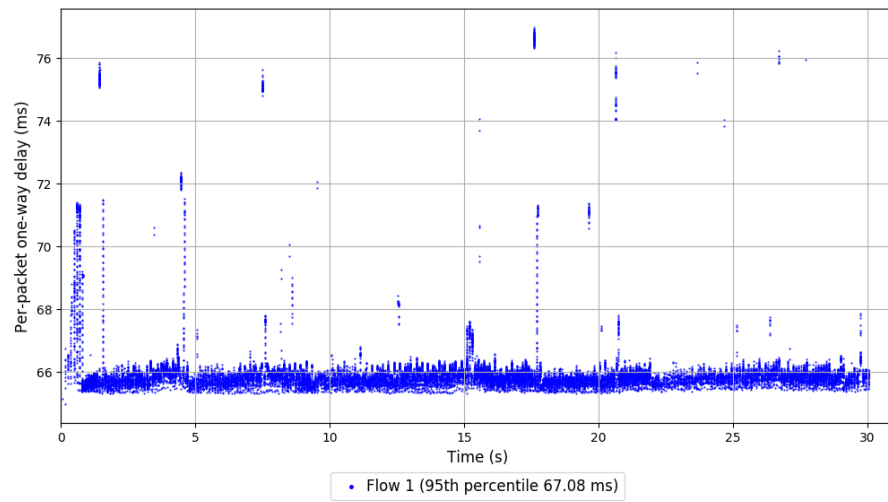
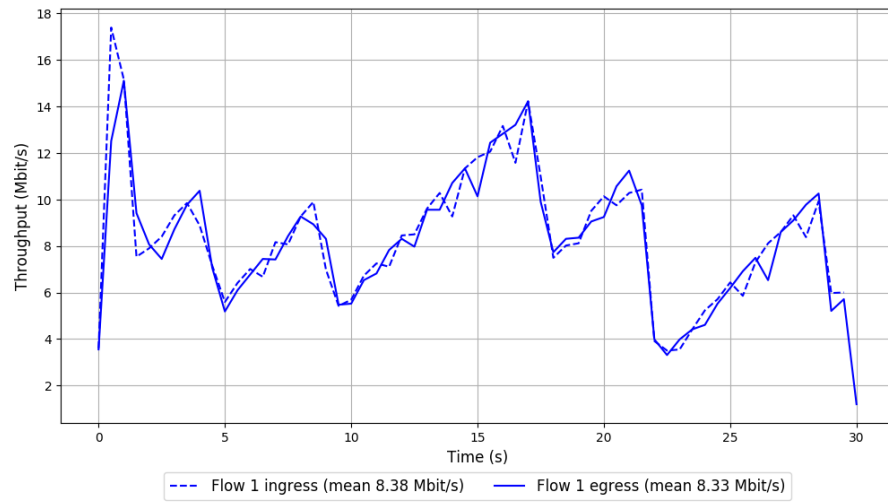
-- Flow 1:

Average throughput: 8.33 Mbit/s

95th percentile per-packet one-way delay: 67.076 ms

Loss rate: 0.67%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-02-04 10:26:37

End at: 2018-02-04 10:27:08

Local clock offset: -1.886 ms

Remote clock offset: 1.786 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 67.181 ms

Loss rate: 1.03%

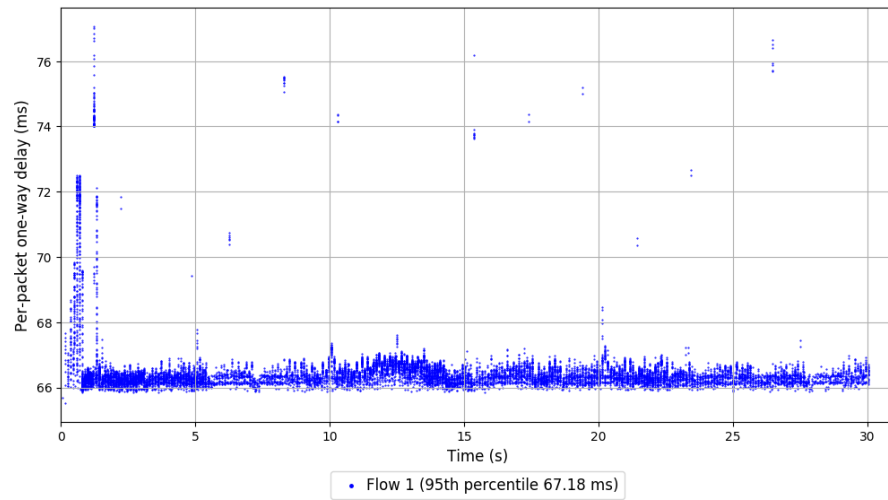
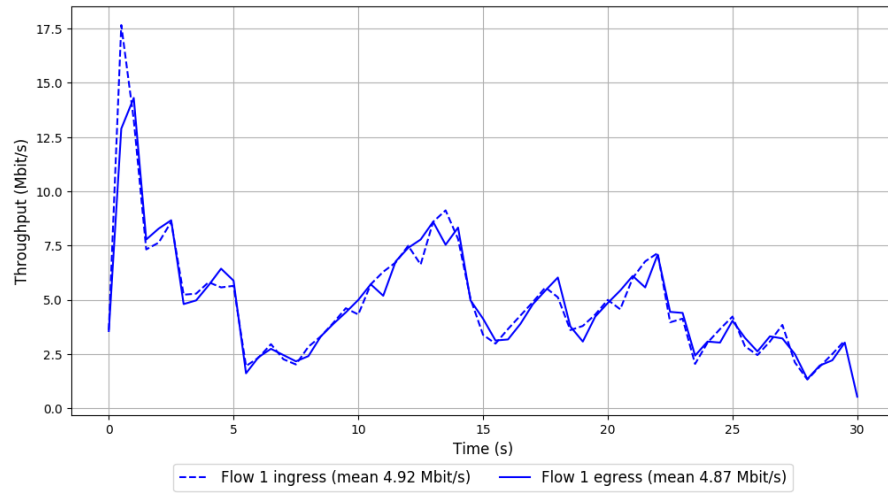
-- Flow 1:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 67.181 ms

Loss rate: 1.03%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-04 10:57:09

End at: 2018-02-04 10:57:39

Local clock offset: -1.272 ms

Remote clock offset: 1.231 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.14 Mbit/s

95th percentile per-packet one-way delay: 69.114 ms

Loss rate: 1.73%

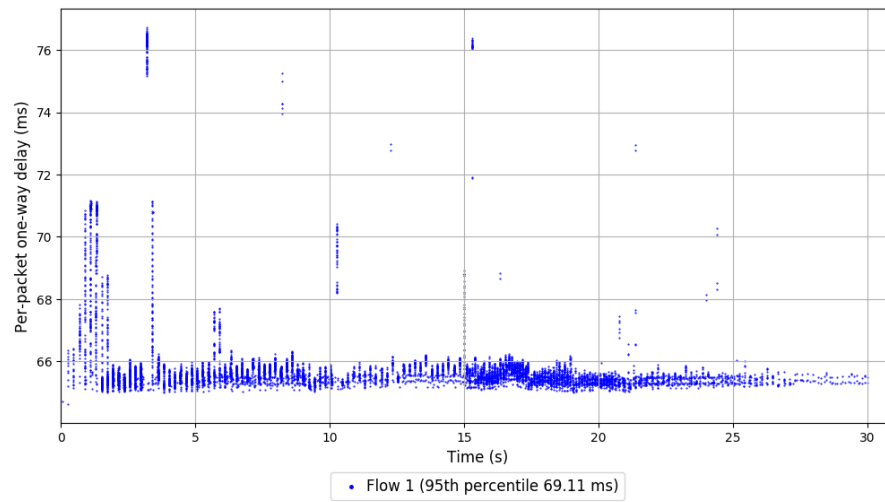
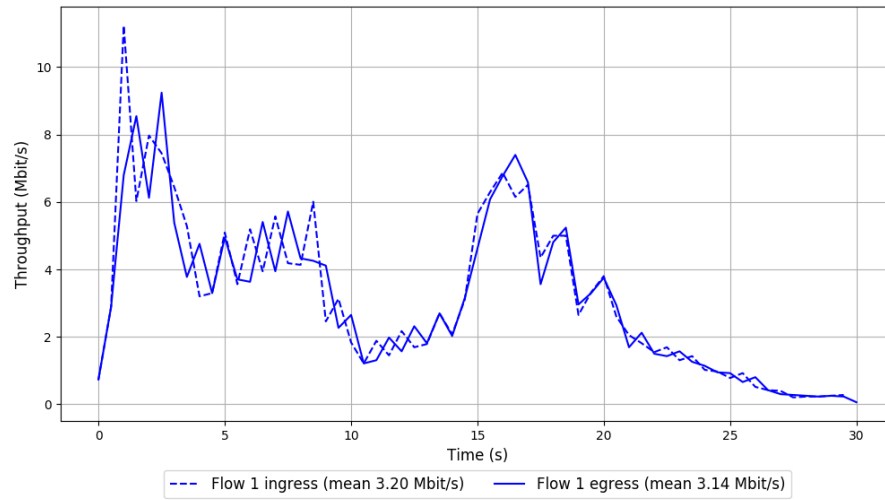
-- Flow 1:

Average throughput: 3.14 Mbit/s

95th percentile per-packet one-way delay: 69.114 ms

Loss rate: 1.73%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-04 11:19:44

End at: 2018-02-04 11:20:14

Local clock offset: -1.612 ms

Remote clock offset: 0.813 ms

Below is generated by plot.py at 2018-02-04 12:20:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.29 Mbit/s

95th percentile per-packet one-way delay: 66.161 ms

Loss rate: 2.10%

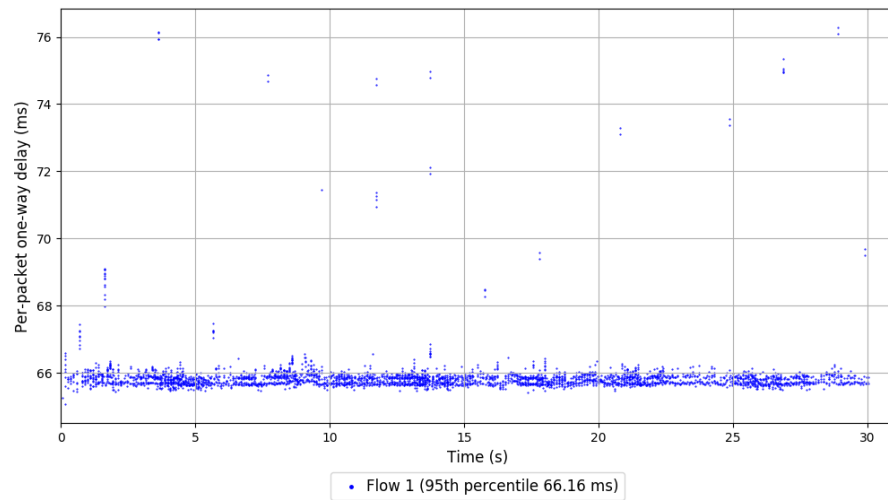
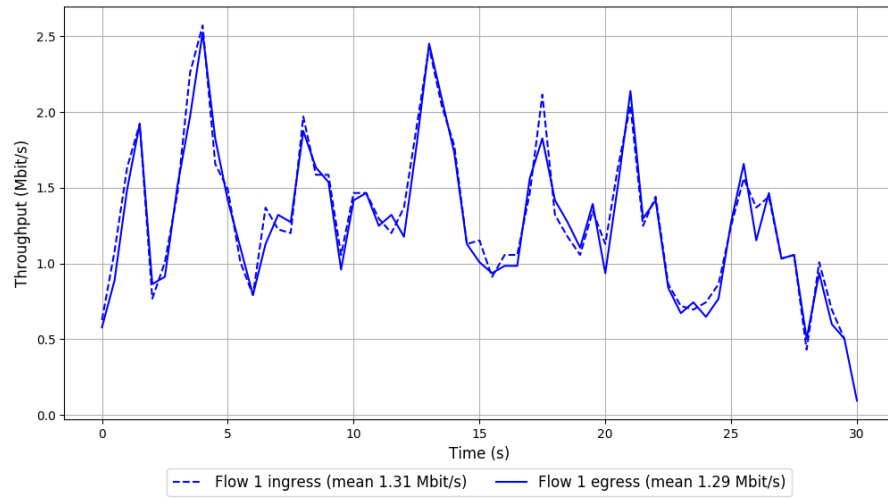
-- Flow 1:

Average throughput: 1.29 Mbit/s

95th percentile per-packet one-way delay: 66.161 ms

Loss rate: 2.10%

Run 9: Report of TCP Vegas — Data Link

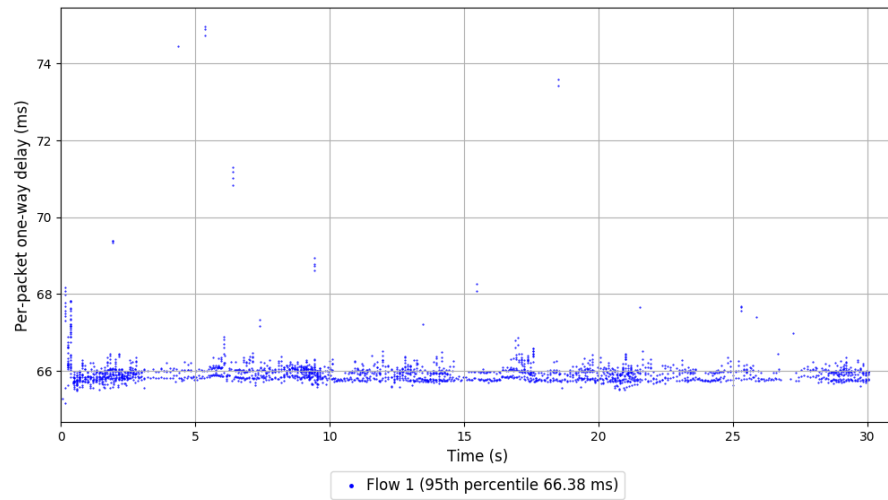
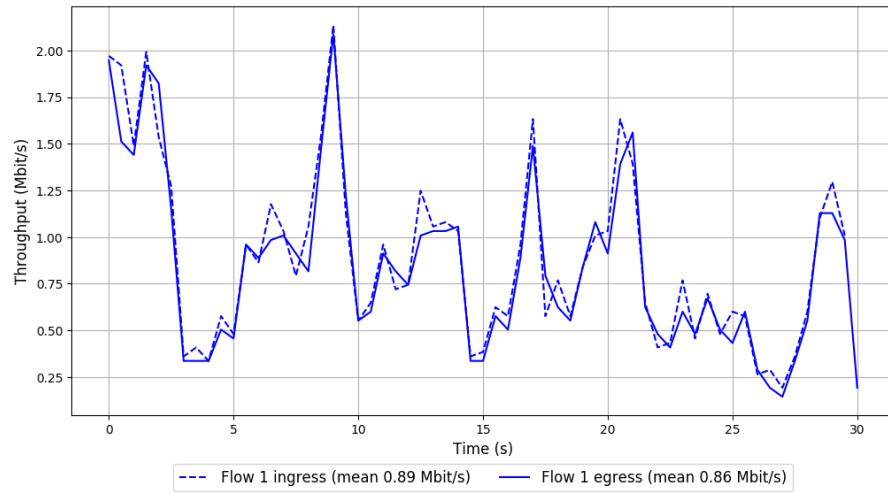


Run 10: Statistics of TCP Vegas

Start at: 2018-02-04 11:41:17
End at: 2018-02-04 11:41:47
Local clock offset: -1.61 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-02-04 12:20:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 66.378 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 66.378 ms
Loss rate: 3.94%

Run 10: Report of TCP Vegas — Data Link

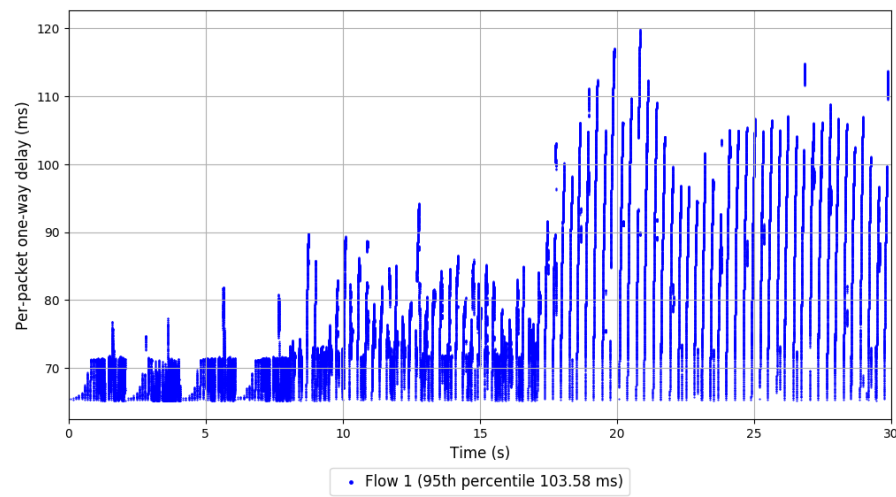
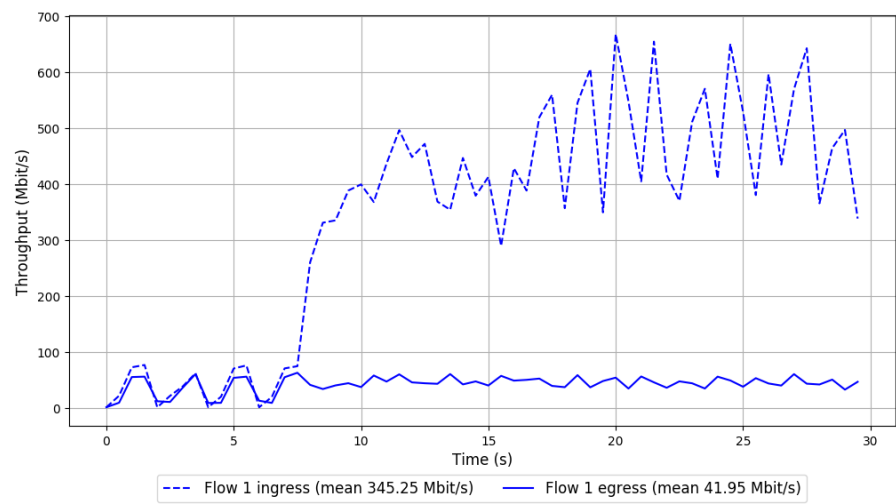


Run 1: Statistics of Verus

Start at: 2018-02-04 08:16:30
End at: 2018-02-04 08:17:01
Local clock offset: 0.676 ms
Remote clock offset: 10.719 ms

Below is generated by plot.py at 2018-02-04 12:21:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.95 Mbit/s
95th percentile per-packet one-way delay: 103.585 ms
Loss rate: 87.83%
-- Flow 1:
Average throughput: 41.95 Mbit/s
95th percentile per-packet one-way delay: 103.585 ms
Loss rate: 87.83%

Run 1: Report of Verus — Data Link

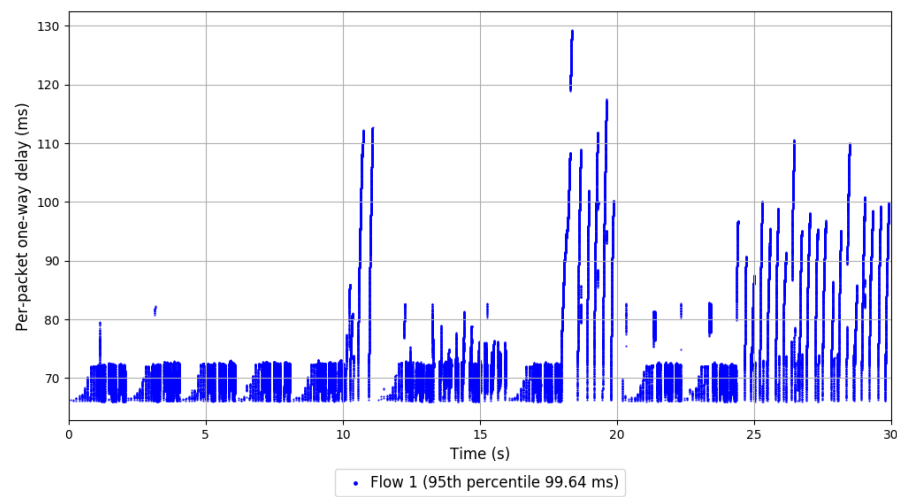
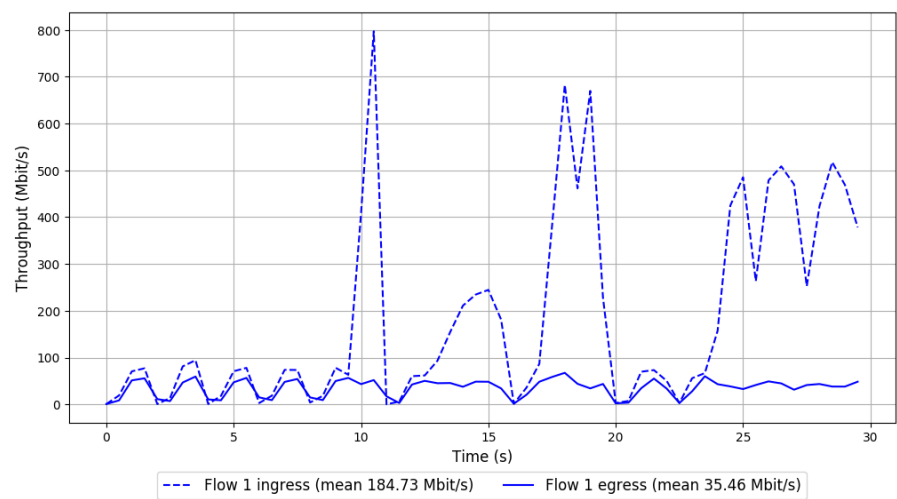


Run 2: Statistics of Verus

Start at: 2018-02-04 08:38:14
End at: 2018-02-04 08:38:44
Local clock offset: -0.547 ms
Remote clock offset: 10.785 ms

Below is generated by plot.py at 2018-02-04 12:21:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 99.643 ms
Loss rate: 80.78%
-- Flow 1:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 99.643 ms
Loss rate: 80.78%

Run 2: Report of Verus — Data Link

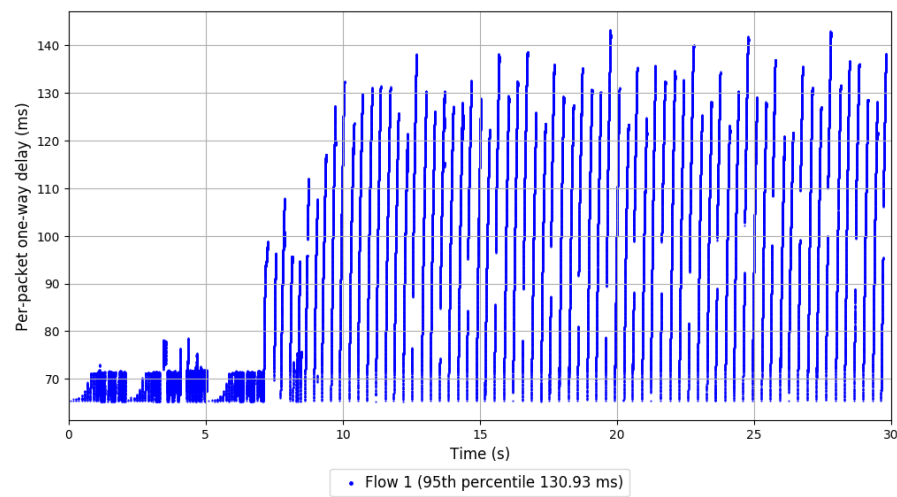
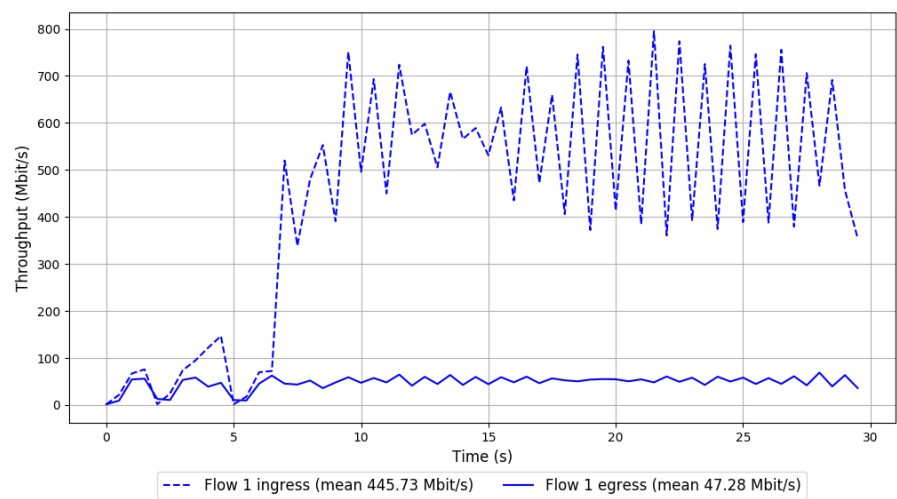


Run 3: Statistics of Verus

Start at: 2018-02-04 08:59:54
End at: 2018-02-04 09:00:24
Local clock offset: -0.238 ms
Remote clock offset: 10.272 ms

Below is generated by plot.py at 2018-02-04 12:21:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 130.926 ms
Loss rate: 89.37%
-- Flow 1:
Average throughput: 47.28 Mbit/s
95th percentile per-packet one-way delay: 130.926 ms
Loss rate: 89.37%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-02-04 09:21:39

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

Local clock offset: -0.688 ms

Remote clock offset: 7.425 ms

Below is generated by plot.py at 2018-02-04 12:21:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.86 Mbit/s

95th percentile per-packet one-way delay: 100.450 ms

Loss rate: 84.35%

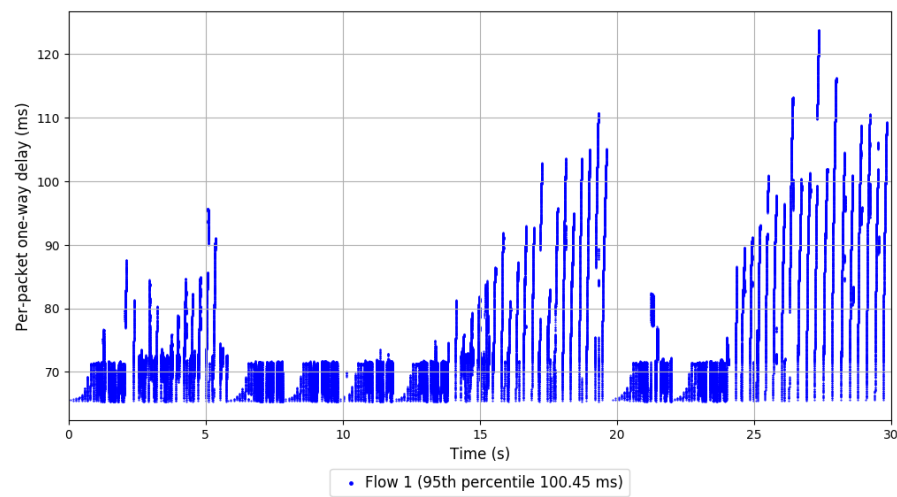
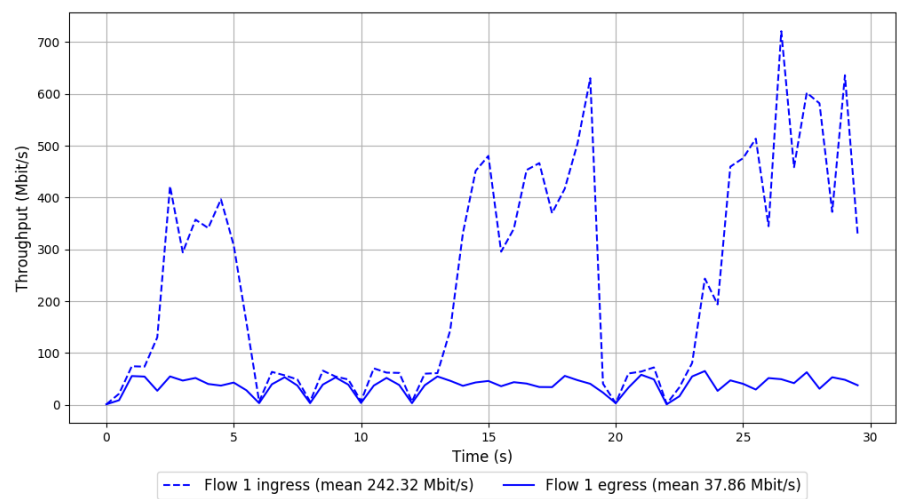
-- Flow 1:

Average throughput: 37.86 Mbit/s

95th percentile per-packet one-way delay: 100.450 ms

Loss rate: 84.35%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-04 09:44:01

End at: 2018-02-04 09:44:31

Local clock offset: -1.171 ms

Remote clock offset: 3.801 ms

Below is generated by plot.py at 2018-02-04 12:21:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.06 Mbit/s

95th percentile per-packet one-way delay: 130.934 ms

Loss rate: 89.91%

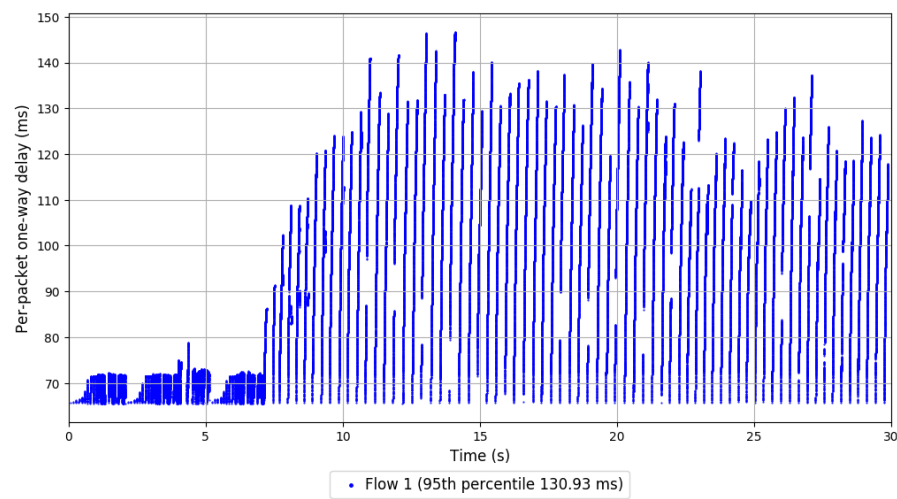
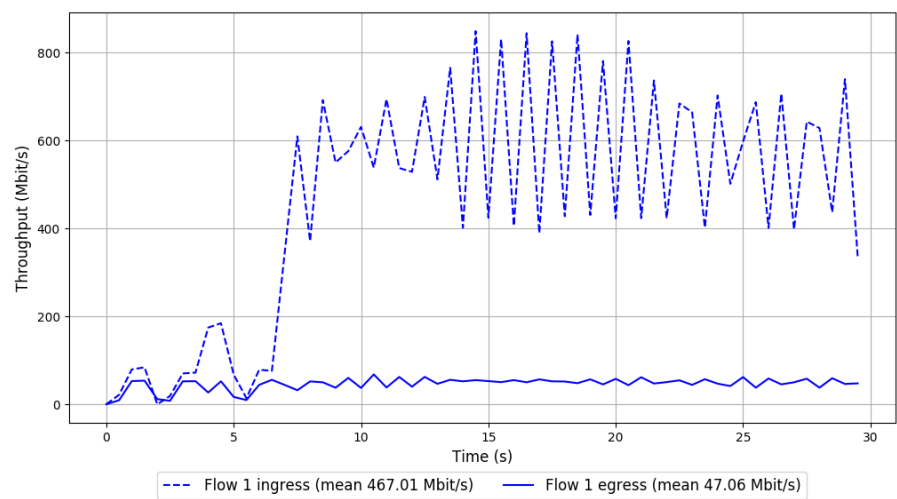
-- Flow 1:

Average throughput: 47.06 Mbit/s

95th percentile per-packet one-way delay: 130.934 ms

Loss rate: 89.91%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-04 10:07:20

End at: 2018-02-04 10:07:50

Local clock offset: -1.485 ms

Remote clock offset: 2.234 ms

Below is generated by plot.py at 2018-02-04 12:21:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.81 Mbit/s

95th percentile per-packet one-way delay: 89.172 ms

Loss rate: 83.16%

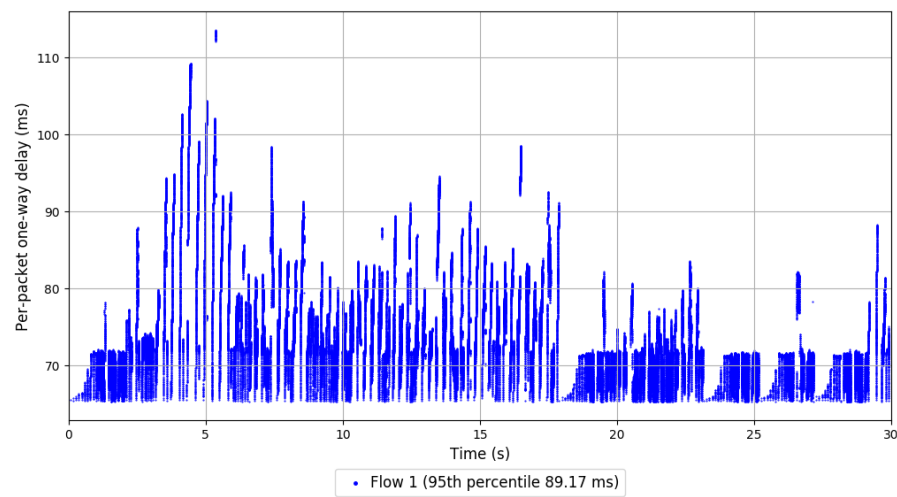
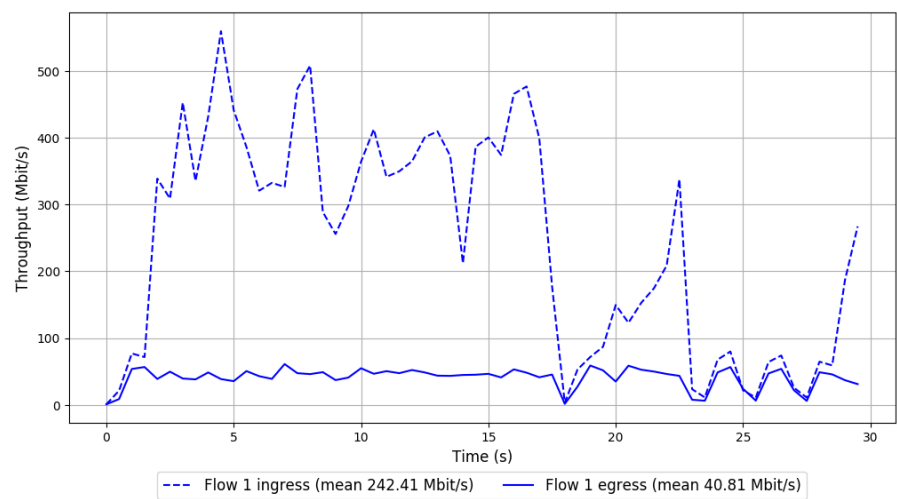
-- Flow 1:

Average throughput: 40.81 Mbit/s

95th percentile per-packet one-way delay: 89.172 ms

Loss rate: 83.16%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-04 10:29:01

End at: 2018-02-04 10:29:31

Local clock offset: -1.327 ms

Remote clock offset: 1.82 ms

Below is generated by plot.py at 2018-02-04 12:21:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.57 Mbit/s

95th percentile per-packet one-way delay: 92.925 ms

Loss rate: 80.61%

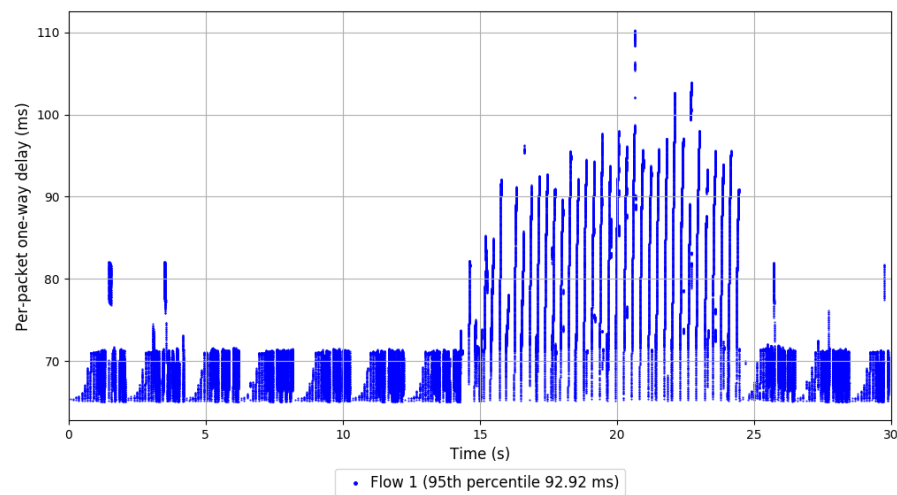
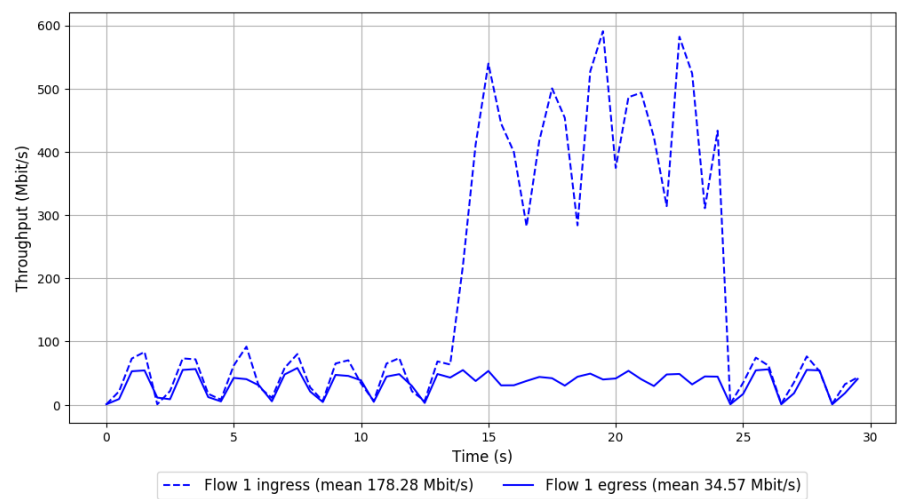
-- Flow 1:

Average throughput: 34.57 Mbit/s

95th percentile per-packet one-way delay: 92.925 ms

Loss rate: 80.61%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-02-04 11:00:29

End at: 2018-02-04 11:00:59

Local clock offset: -4.122 ms

Remote clock offset: 1.124 ms

Below is generated by plot.py at 2018-02-04 12:21:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.88 Mbit/s

95th percentile per-packet one-way delay: 90.393 ms

Loss rate: 86.24%

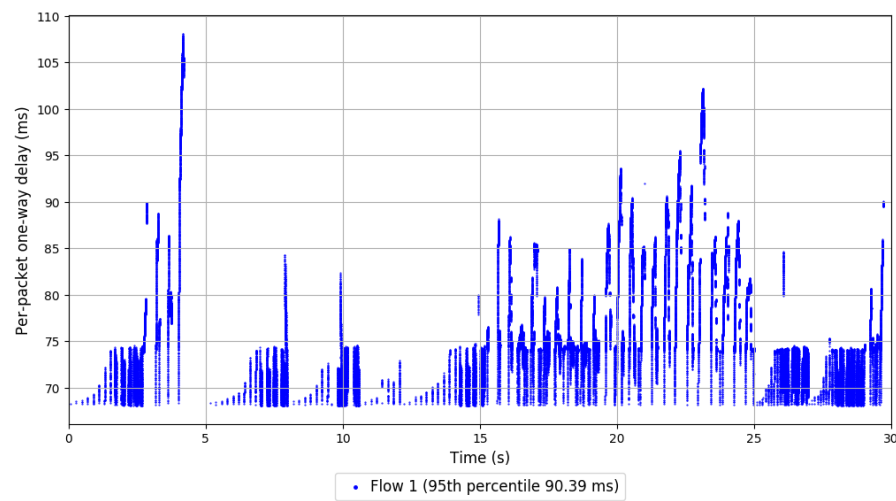
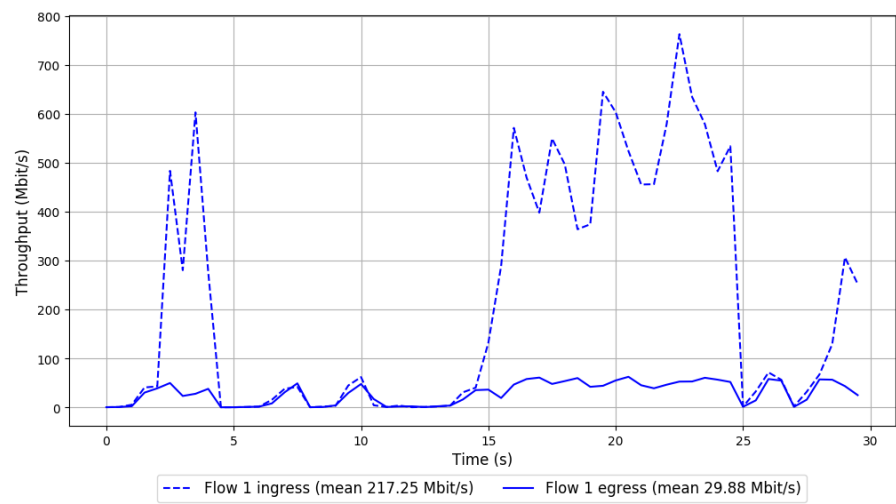
-- Flow 1:

Average throughput: 29.88 Mbit/s

95th percentile per-packet one-way delay: 90.393 ms

Loss rate: 86.24%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-04 11:22:06

End at: 2018-02-04 11:22:36

Local clock offset: -1.872 ms

Remote clock offset: 0.773 ms

Below is generated by plot.py at 2018-02-04 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.53 Mbit/s

95th percentile per-packet one-way delay: 83.618 ms

Loss rate: 89.11%

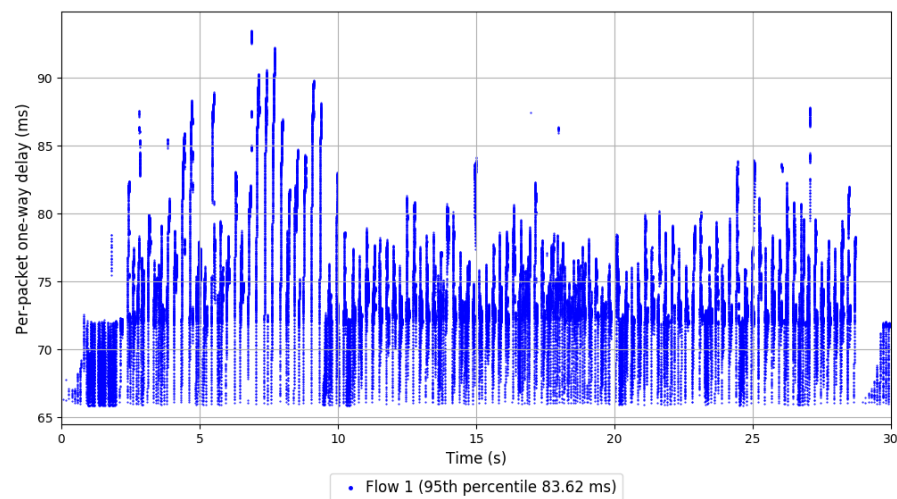
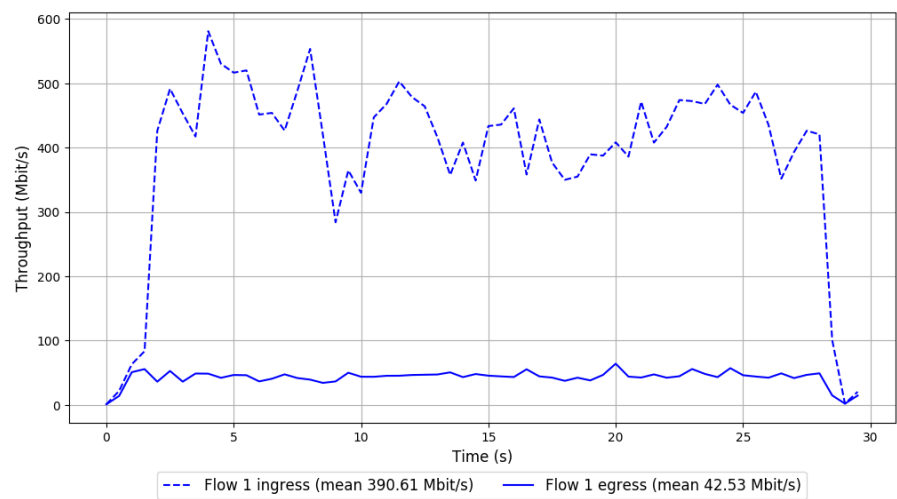
-- Flow 1:

Average throughput: 42.53 Mbit/s

95th percentile per-packet one-way delay: 83.618 ms

Loss rate: 89.11%

Run 9: Report of Verus — Data Link

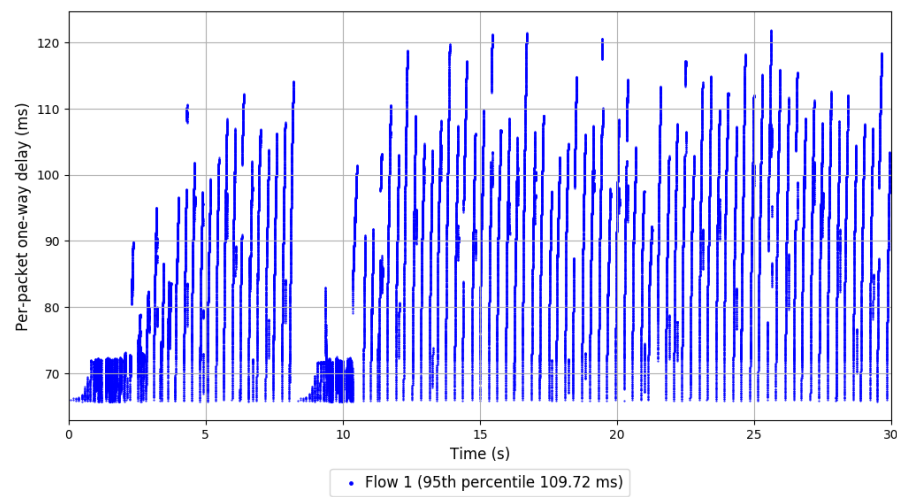
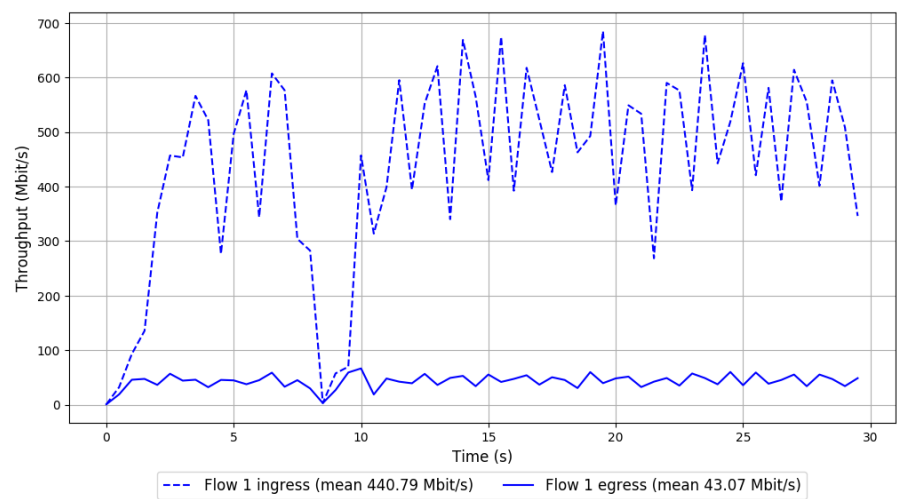


Run 10: Statistics of Verus

Start at: 2018-02-04 11:43:39
End at: 2018-02-04 11:44:09
Local clock offset: -1.691 ms
Remote clock offset: -0.321 ms

Below is generated by plot.py at 2018-02-04 12:23:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 109.721 ms
Loss rate: 90.22%
-- Flow 1:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 109.721 ms
Loss rate: 90.22%

Run 10: Report of Verus — Data Link

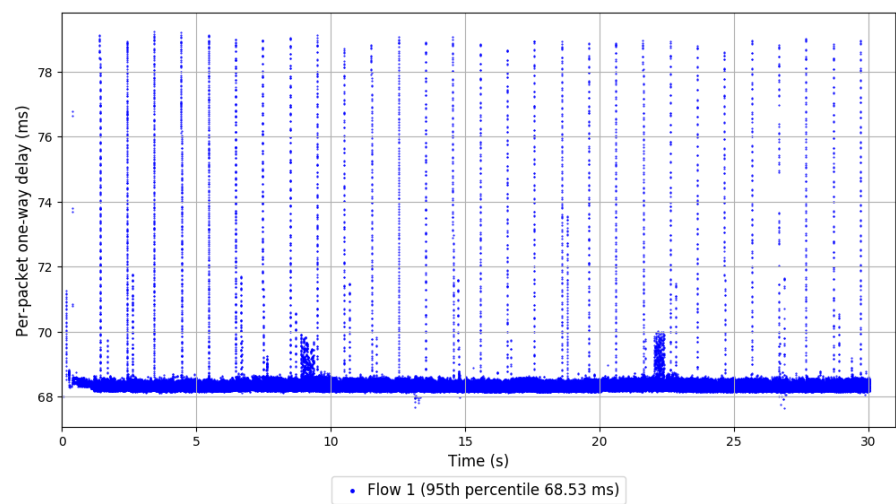
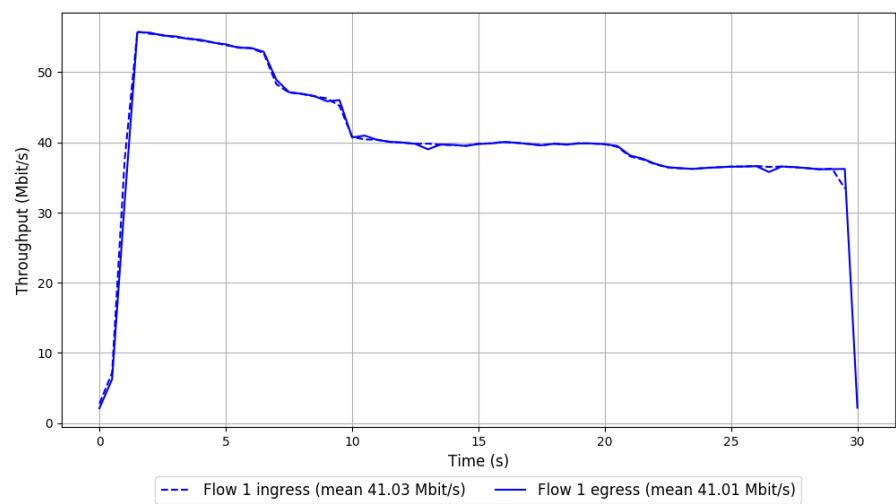


Run 1: Statistics of Copa

Start at: 2018-02-04 08:11:40
End at: 2018-02-04 08:12:10
Local clock offset: -2.177 ms
Remote clock offset: 10.634 ms

Below is generated by plot.py at 2018-02-04 12:23:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 68.531 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 68.531 ms
Loss rate: 0.07%

Run 1: Report of Copa — Data Link

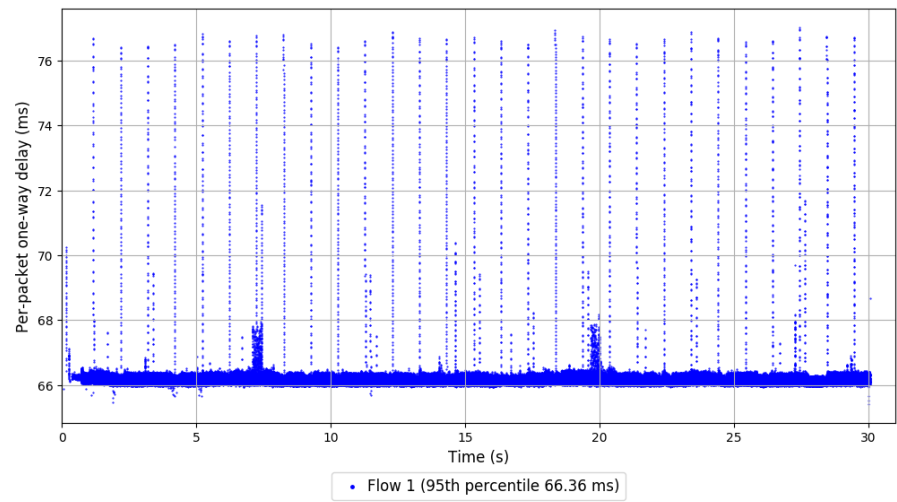
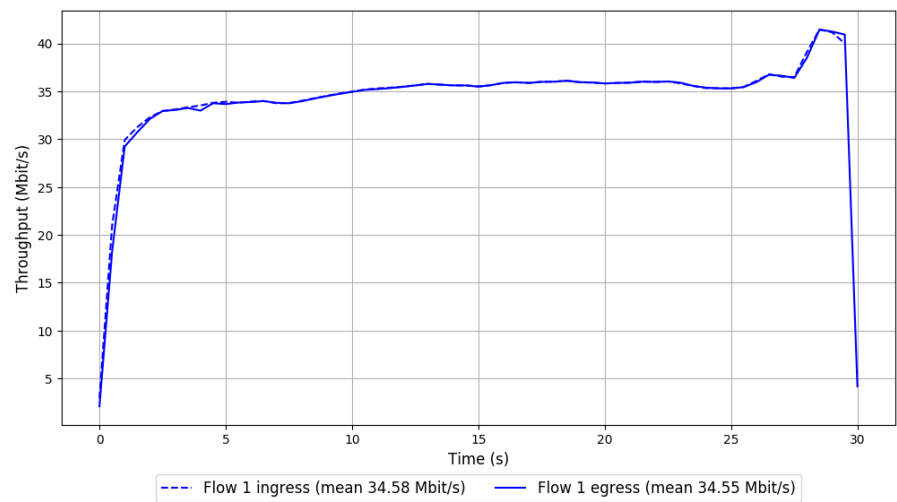


Run 2: Statistics of Copa

Start at: 2018-02-04 08:33:24
End at: 2018-02-04 08:33:54
Local clock offset: -0.343 ms
Remote clock offset: 11.003 ms

Below is generated by plot.py at 2018-02-04 12:23:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 66.363 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 66.363 ms
Loss rate: 0.09%

Run 2: Report of Copa — Data Link

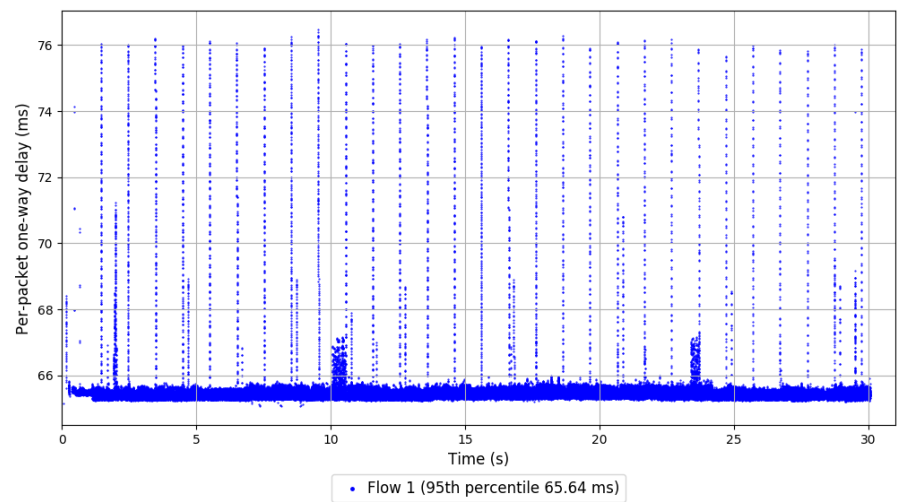
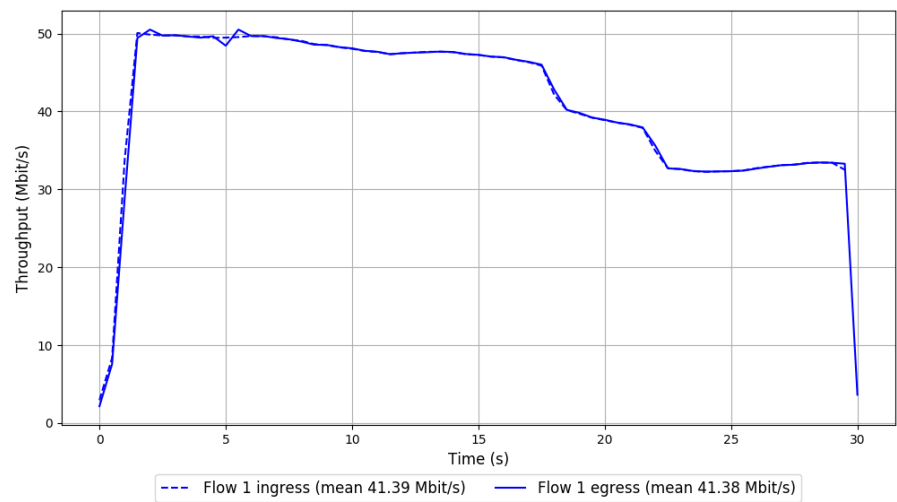


Run 3: Statistics of Copa

Start at: 2018-02-04 08:55:04
End at: 2018-02-04 08:55:34
Local clock offset: -0.367 ms
Remote clock offset: 10.354 ms

Below is generated by plot.py at 2018-02-04 12:23:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.38 Mbit/s
95th percentile per-packet one-way delay: 65.644 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 41.38 Mbit/s
95th percentile per-packet one-way delay: 65.644 ms
Loss rate: 0.02%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-04 09:16:49

End at: 2018-02-04 09:17:19

Local clock offset: -1.275 ms

Remote clock offset: 8.285 ms

Below is generated by plot.py at 2018-02-04 12:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.23 Mbit/s

95th percentile per-packet one-way delay: 66.409 ms

Loss rate: 0.14%

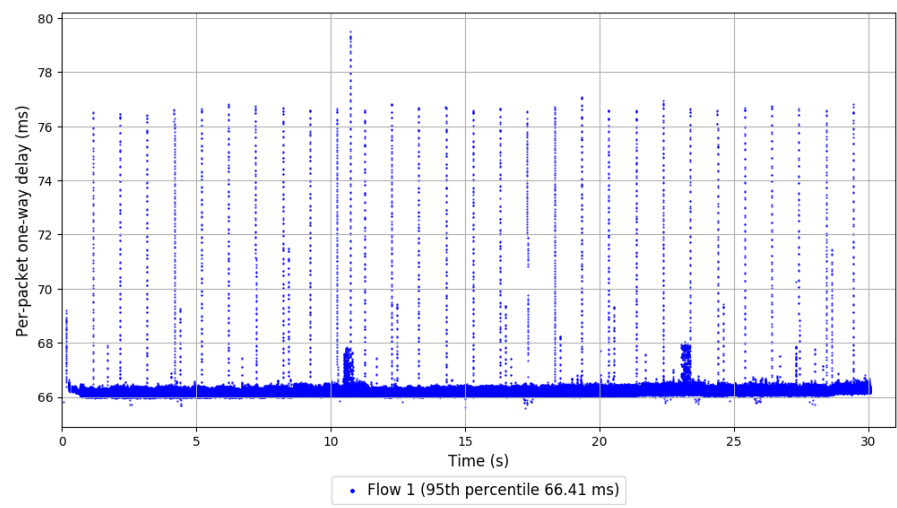
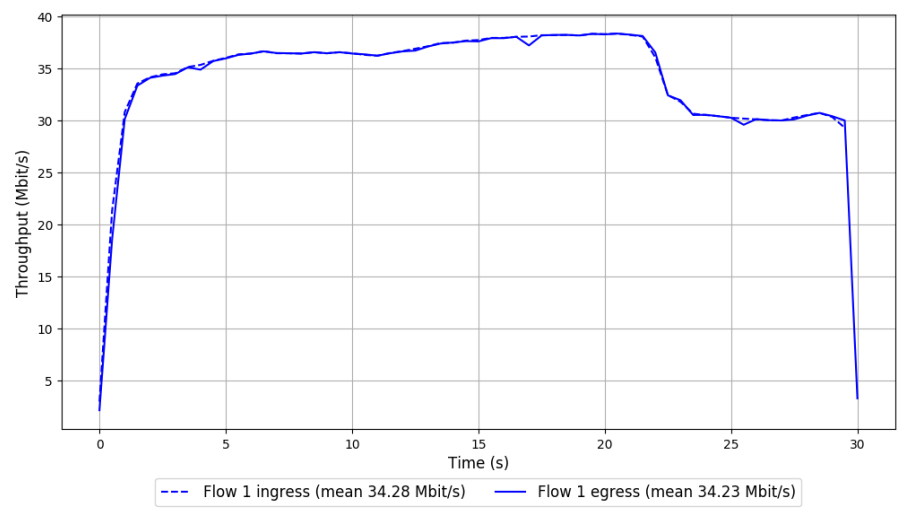
-- Flow 1:

Average throughput: 34.23 Mbit/s

95th percentile per-packet one-way delay: 66.409 ms

Loss rate: 0.14%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-02-04 09:38:29

End at: 2018-02-04 09:38:59

Local clock offset: -1.099 ms

Remote clock offset: 4.523 ms

Below is generated by plot.py at 2018-02-04 12:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.93 Mbit/s

95th percentile per-packet one-way delay: 65.729 ms

Loss rate: 0.21%

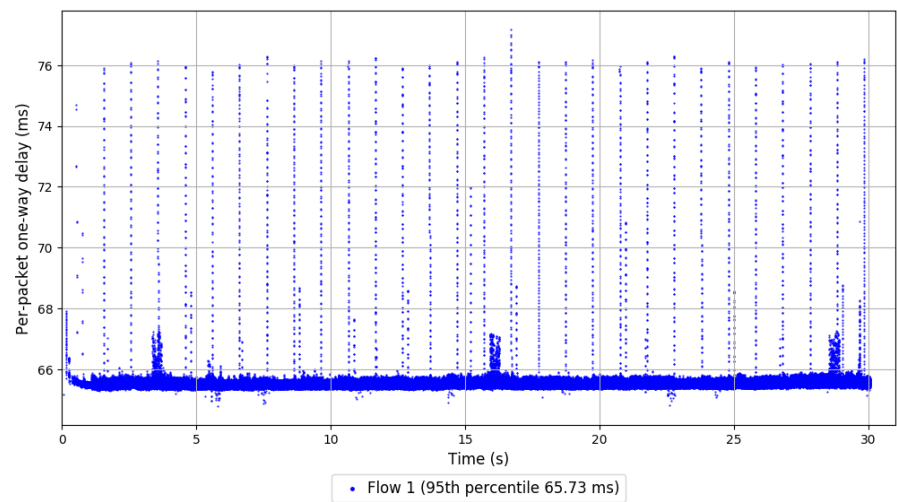
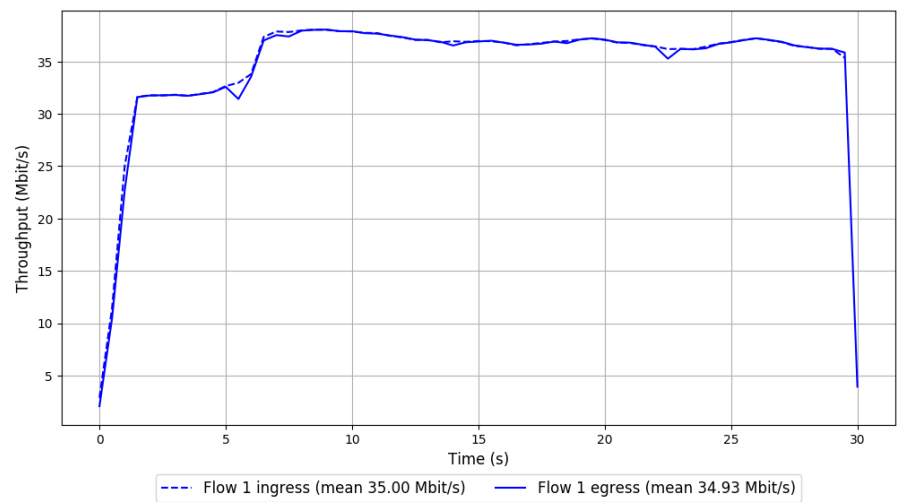
-- Flow 1:

Average throughput: 34.93 Mbit/s

95th percentile per-packet one-way delay: 65.729 ms

Loss rate: 0.21%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

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

End at: 2018-02-04 10:03:00

Local clock offset: -1.247 ms

Remote clock offset: 2.423 ms

Below is generated by plot.py at 2018-02-04 12:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.58 Mbit/s

95th percentile per-packet one-way delay: 65.420 ms

Loss rate: 0.06%

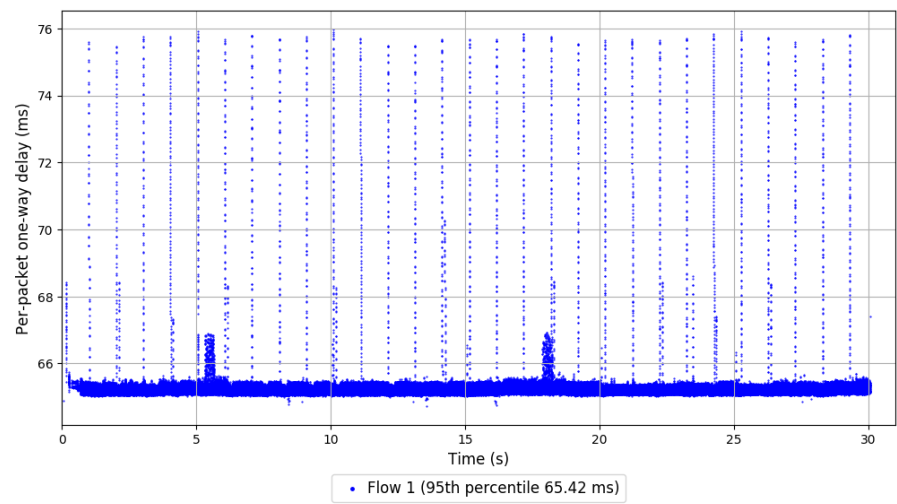
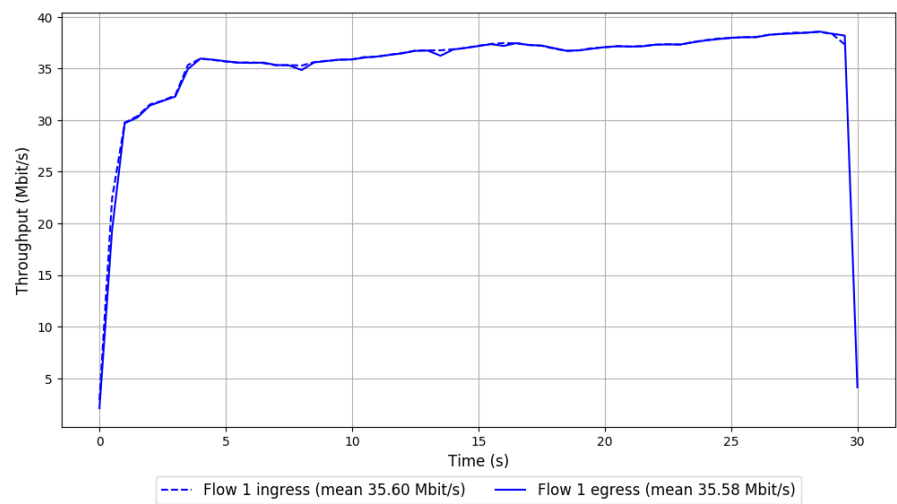
-- Flow 1:

Average throughput: 35.58 Mbit/s

95th percentile per-packet one-way delay: 65.420 ms

Loss rate: 0.06%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-04 10:24:11

End at: 2018-02-04 10:24:41

Local clock offset: -1.263 ms

Remote clock offset: 1.827 ms

Below is generated by plot.py at 2018-02-04 12:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.96 Mbit/s

95th percentile per-packet one-way delay: 65.692 ms

Loss rate: 0.20%

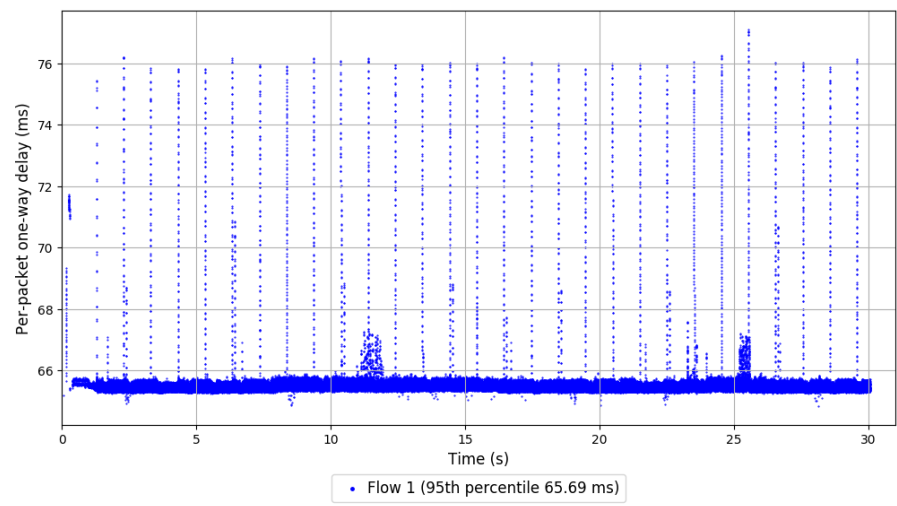
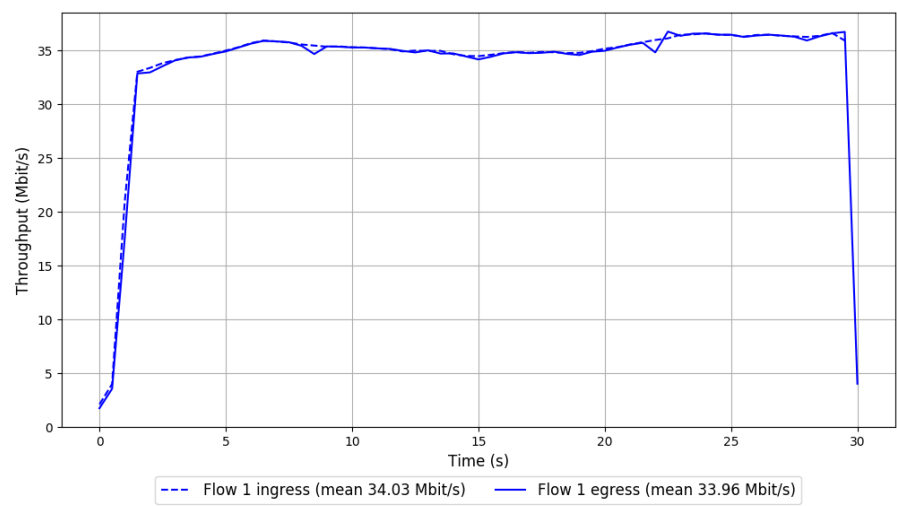
-- Flow 1:

Average throughput: 33.96 Mbit/s

95th percentile per-packet one-way delay: 65.692 ms

Loss rate: 0.20%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-04 10:52:28

End at: 2018-02-04 10:52:58

Local clock offset: -1.987 ms

Remote clock offset: 1.345 ms

Below is generated by plot.py at 2018-02-04 12:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.25 Mbit/s

95th percentile per-packet one-way delay: 66.362 ms

Loss rate: 0.29%

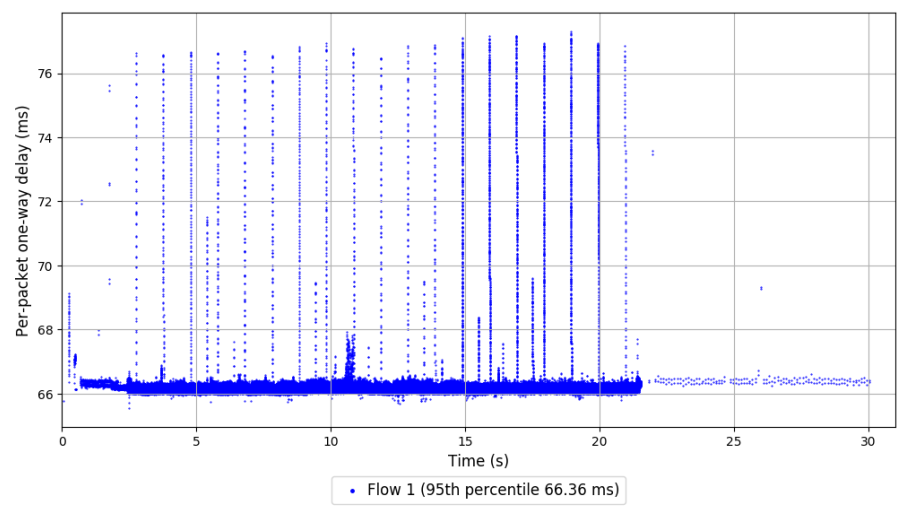
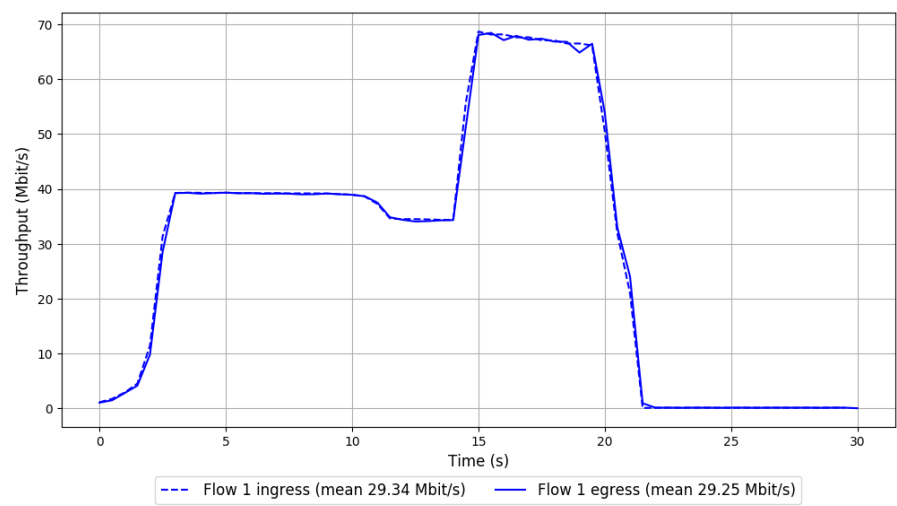
-- Flow 1:

Average throughput: 29.25 Mbit/s

95th percentile per-packet one-way delay: 66.362 ms

Loss rate: 0.29%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-04 11:17:17

End at: 2018-02-04 11:17:47

Local clock offset: -1.452 ms

Remote clock offset: 0.875 ms

Below is generated by plot.py at 2018-02-04 12:23:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.25 Mbit/s

95th percentile per-packet one-way delay: 65.868 ms

Loss rate: 2.34%

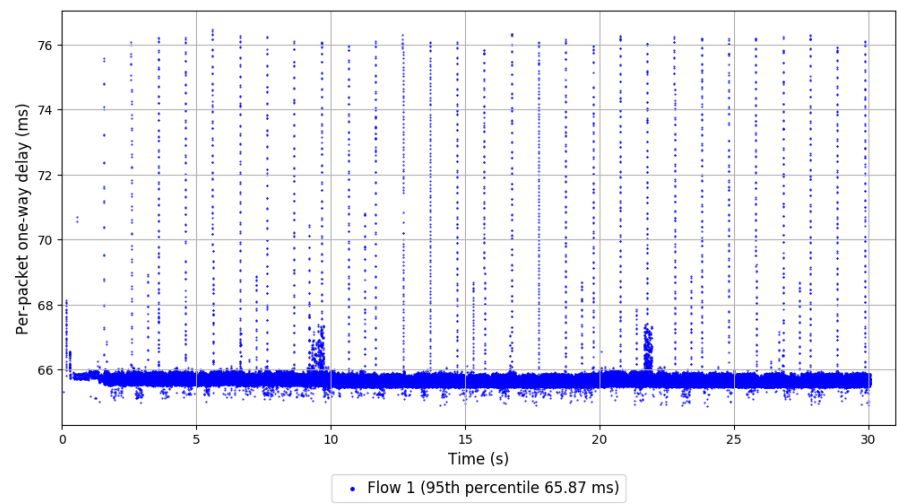
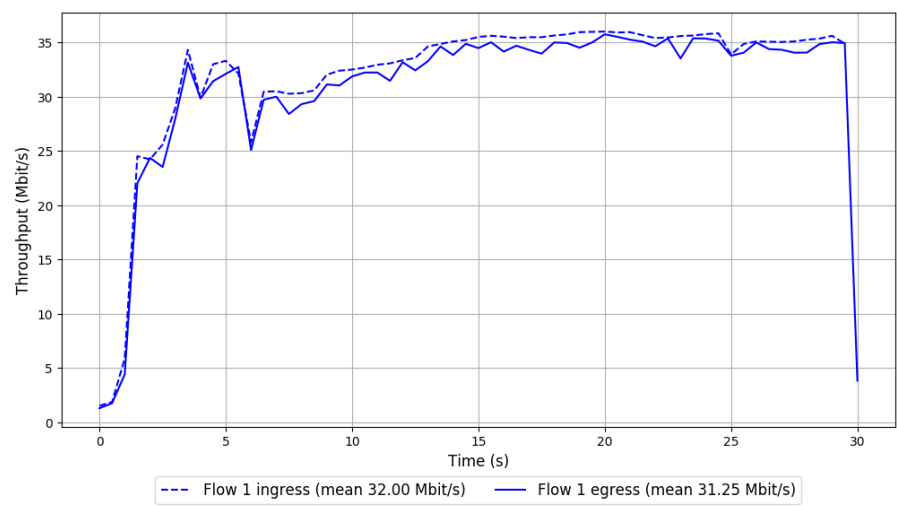
-- Flow 1:

Average throughput: 31.25 Mbit/s

95th percentile per-packet one-way delay: 65.868 ms

Loss rate: 2.34%

Run 9: Report of Copa — Data Link

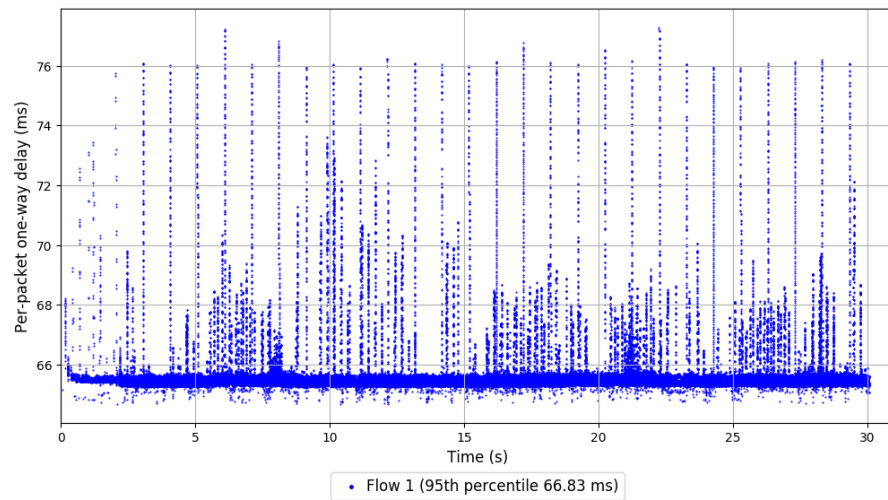
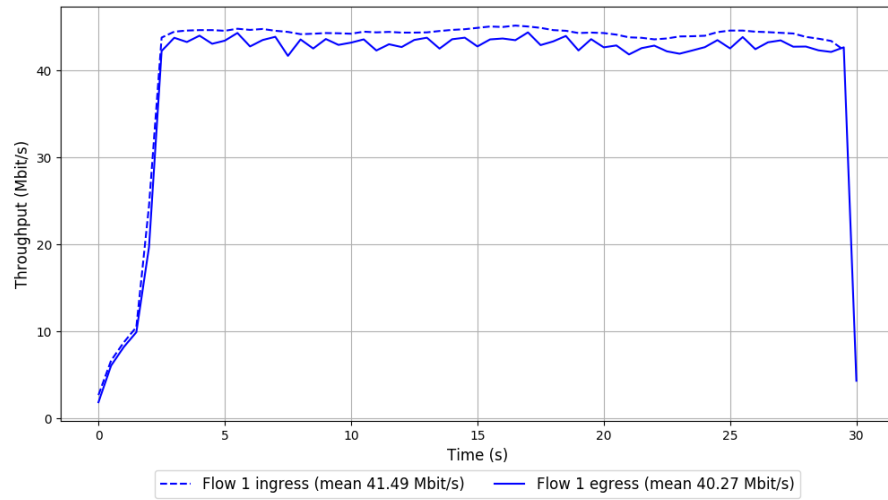


Run 10: Statistics of Copa

Start at: 2018-02-04 11:38:46
End at: 2018-02-04 11:39:16
Local clock offset: -1.431 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2018-02-04 12:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 66.834 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 40.27 Mbit/s
95th percentile per-packet one-way delay: 66.834 ms
Loss rate: 2.95%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-02-04 08:04:26

End at: 2018-02-04 08:04:56

Local clock offset: 0.763 ms

Remote clock offset: 10.423 ms

Below is generated by plot.py at 2018-02-04 12:24:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.36 Mbit/s

95th percentile per-packet one-way delay: 76.290 ms

Loss rate: 4.97%

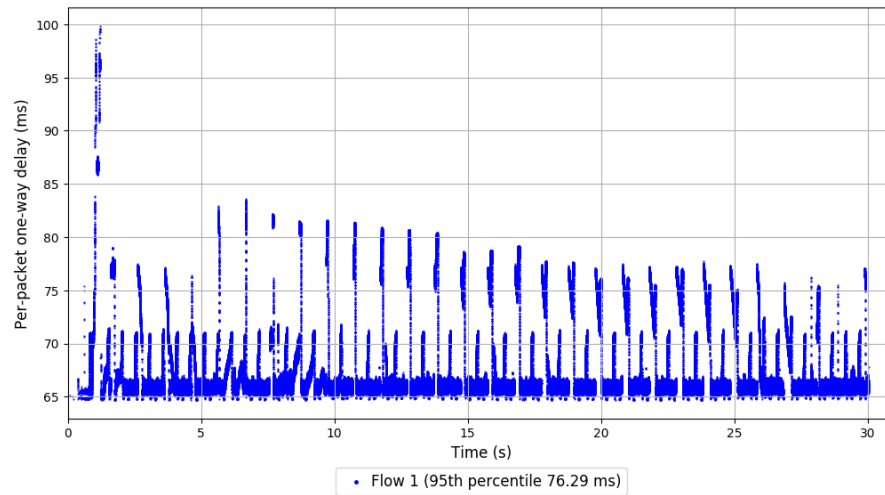
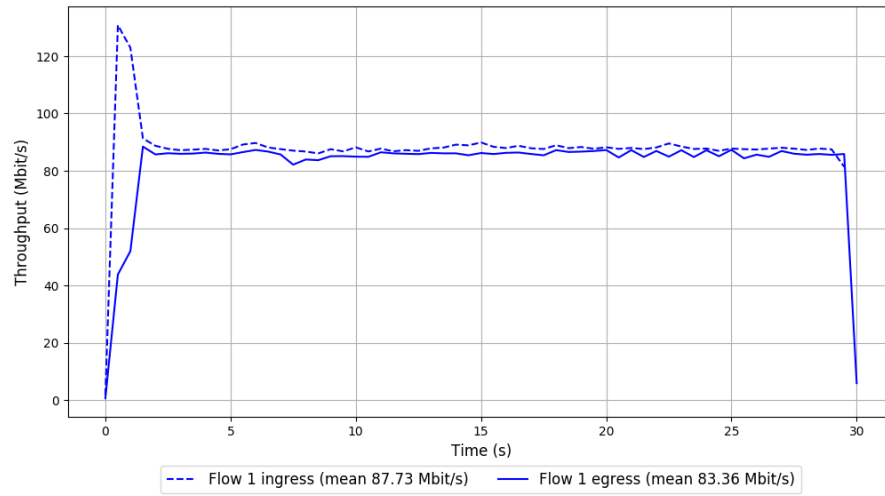
-- Flow 1:

Average throughput: 83.36 Mbit/s

95th percentile per-packet one-way delay: 76.290 ms

Loss rate: 4.97%

Run 1: Report of FillP — Data Link

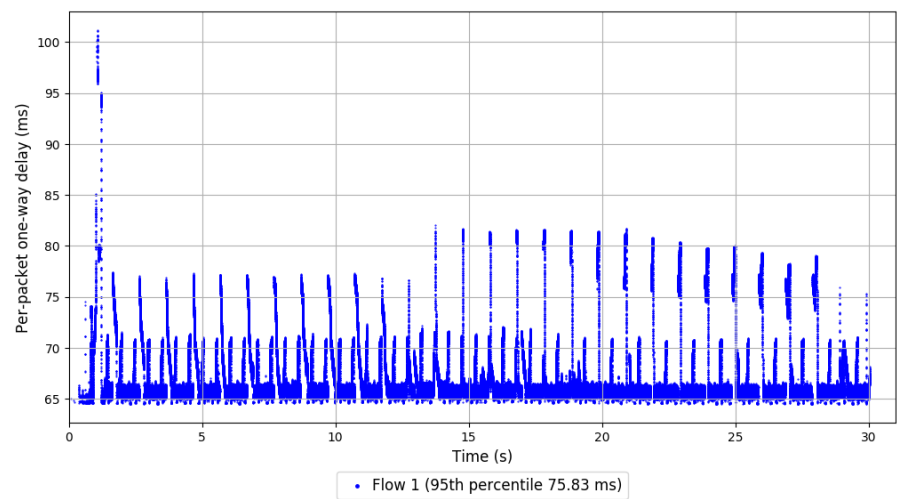
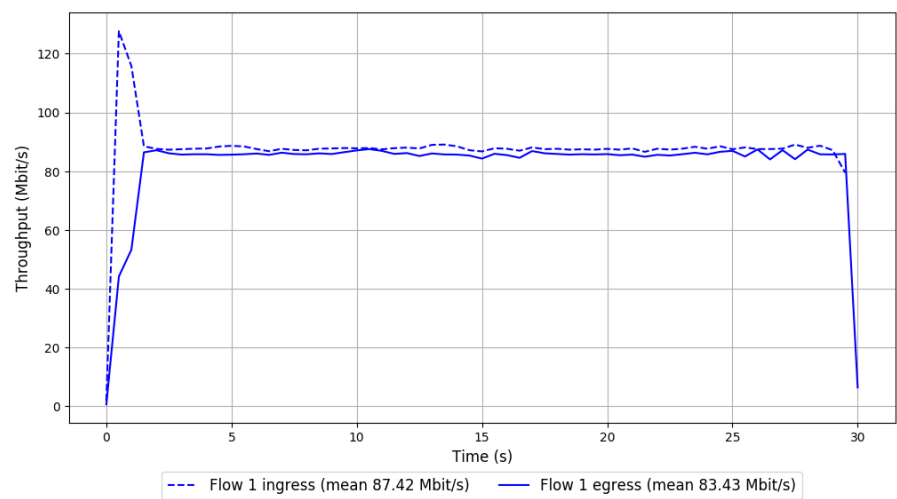


Run 2: Statistics of FillP

Start at: 2018-02-04 08:26:10
End at: 2018-02-04 08:26:40
Local clock offset: 0.349 ms
Remote clock offset: 10.861 ms

Below is generated by plot.py at 2018-02-04 12:24:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 75.829 ms
Loss rate: 4.55%
-- Flow 1:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 75.829 ms
Loss rate: 4.55%

Run 2: Report of FillP — Data Link

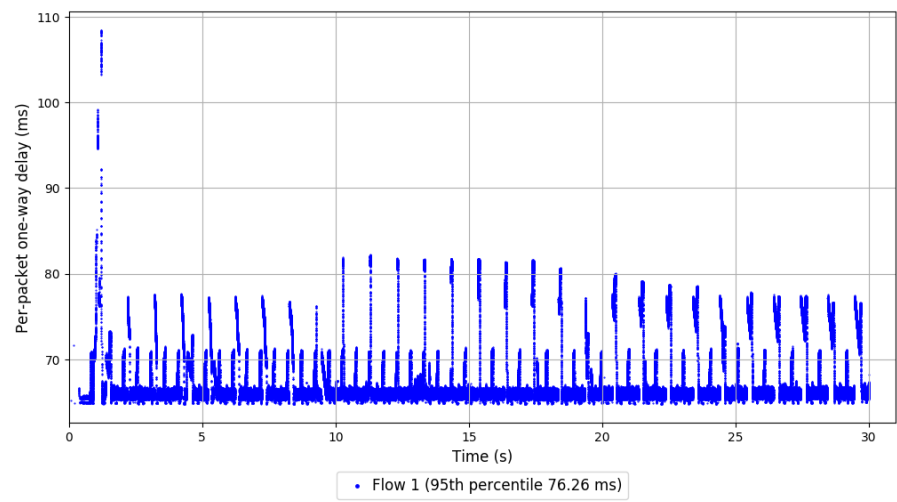
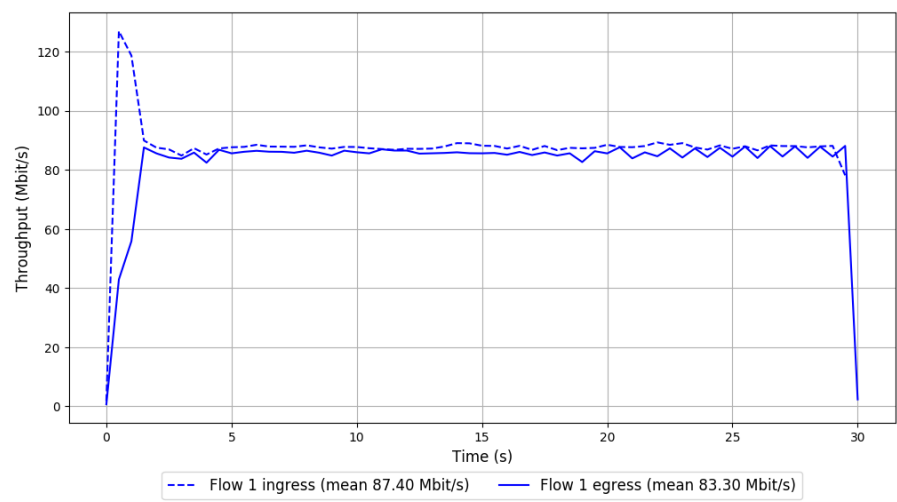


Run 3: Statistics of FillP

Start at: 2018-02-04 08:47:51
End at: 2018-02-04 08:48:21
Local clock offset: -0.175 ms
Remote clock offset: 10.469 ms

Below is generated by plot.py at 2018-02-04 12:25:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 76.258 ms
Loss rate: 4.69%
-- Flow 1:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 76.258 ms
Loss rate: 4.69%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-02-04 09:09:35

End at: 2018-02-04 09:10:05

Local clock offset: -0.566 ms

Remote clock offset: 9.511 ms

Below is generated by plot.py at 2018-02-04 12:25:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.41 Mbit/s

95th percentile per-packet one-way delay: 76.103 ms

Loss rate: 4.84%

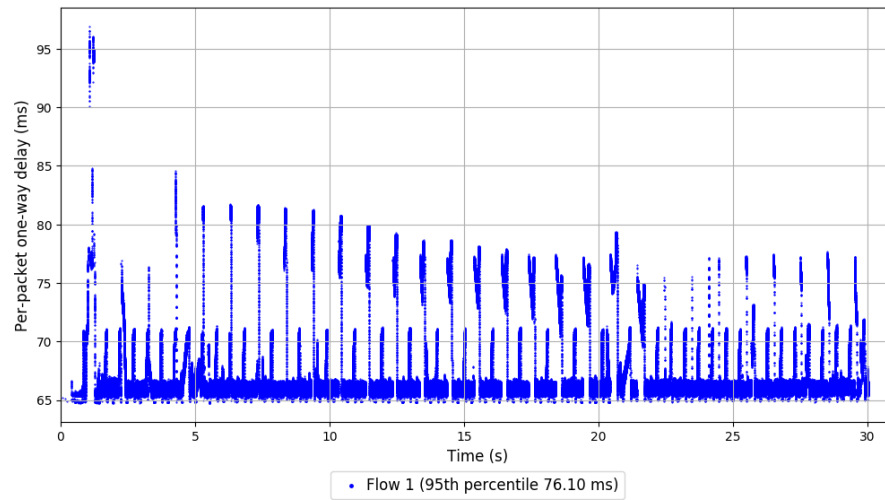
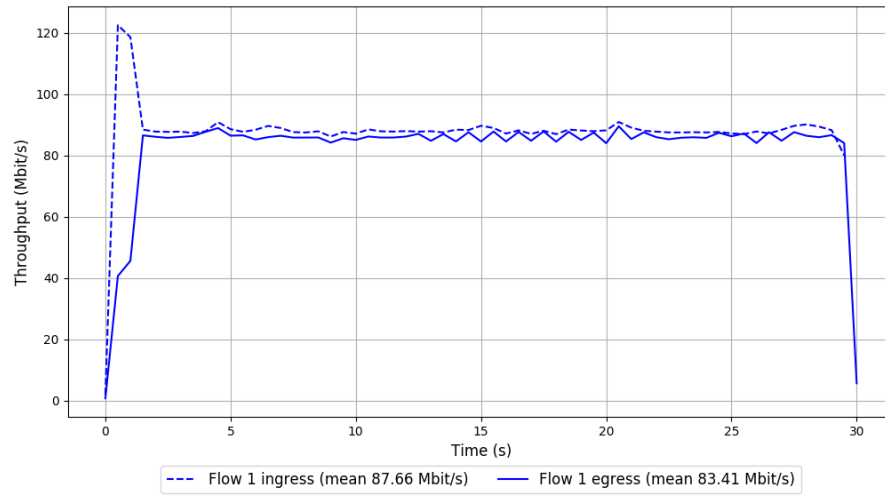
-- Flow 1:

Average throughput: 83.41 Mbit/s

95th percentile per-packet one-way delay: 76.103 ms

Loss rate: 4.84%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-02-04 09:31:16

End at: 2018-02-04 09:31:46

Local clock offset: -0.588 ms

Remote clock offset: 5.615 ms

Below is generated by plot.py at 2018-02-04 12:25:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.04 Mbit/s

95th percentile per-packet one-way delay: 75.040 ms

Loss rate: 5.43%

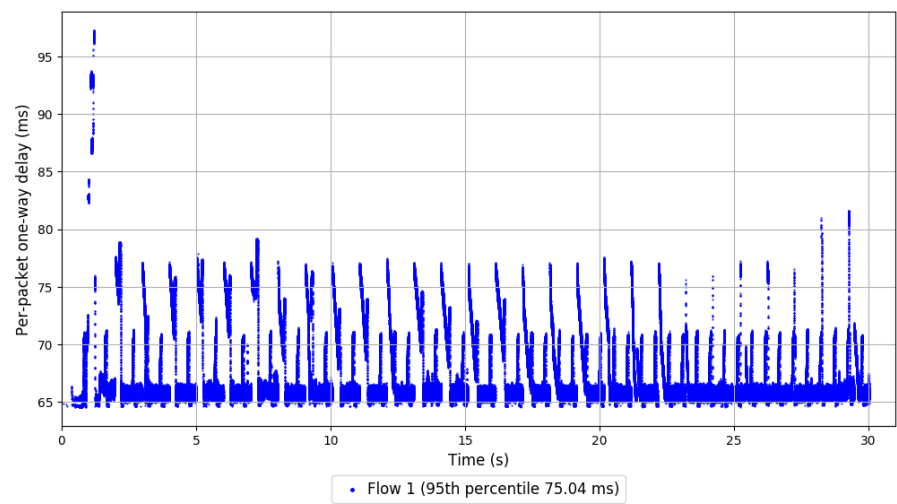
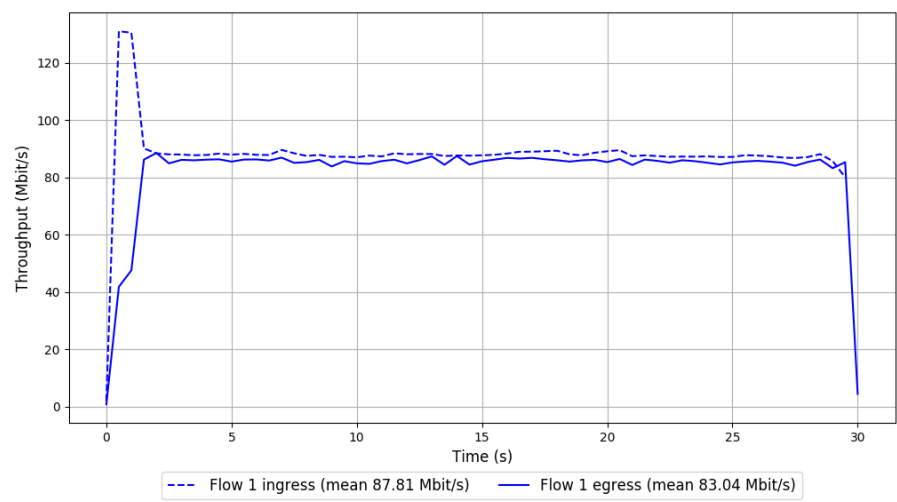
-- Flow 1:

Average throughput: 83.04 Mbit/s

95th percentile per-packet one-way delay: 75.040 ms

Loss rate: 5.43%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-04 09:53:41

End at: 2018-02-04 09:54:11

Local clock offset: -1.16 ms

Remote clock offset: 2.962 ms

Below is generated by plot.py at 2018-02-04 12:25:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.38 Mbit/s

95th percentile per-packet one-way delay: 75.185 ms

Loss rate: 4.53%

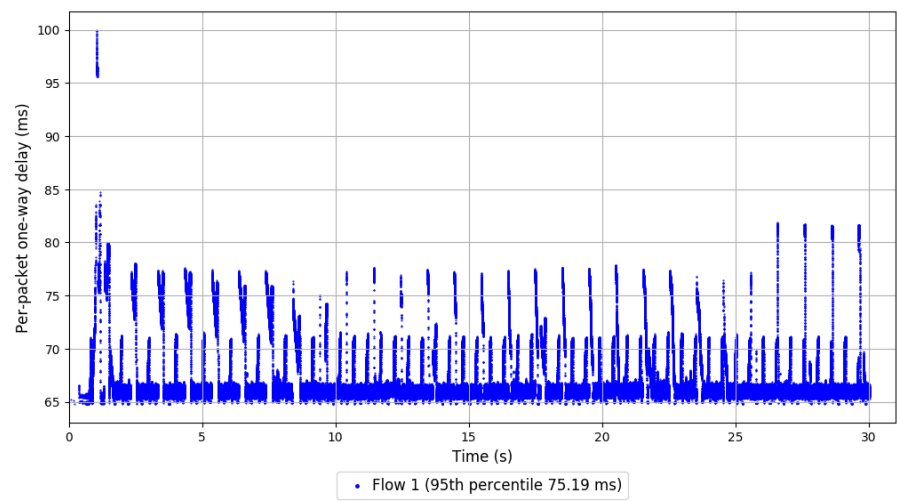
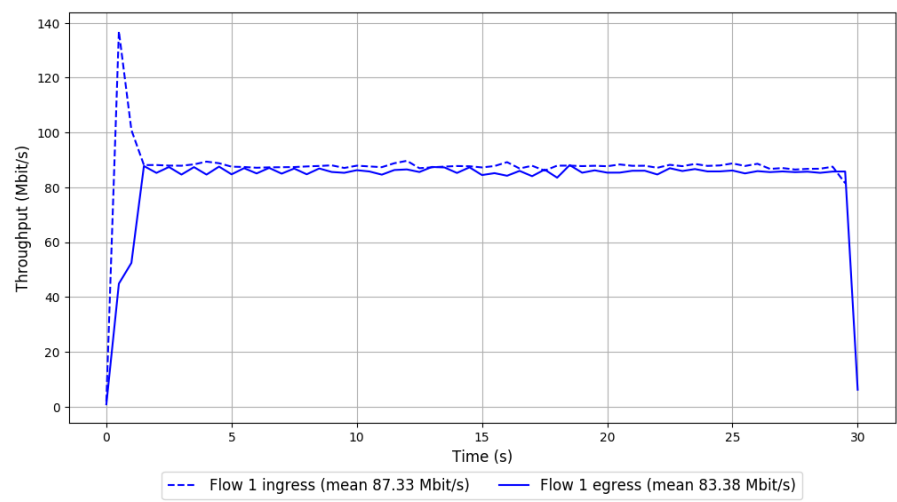
-- Flow 1:

Average throughput: 83.38 Mbit/s

95th percentile per-packet one-way delay: 75.185 ms

Loss rate: 4.53%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-02-04 10:16:58

End at: 2018-02-04 10:17:28

Local clock offset: -1.427 ms

Remote clock offset: 1.942 ms

Below is generated by plot.py at 2018-02-04 12:25:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.28 Mbit/s

95th percentile per-packet one-way delay: 75.960 ms

Loss rate: 4.78%

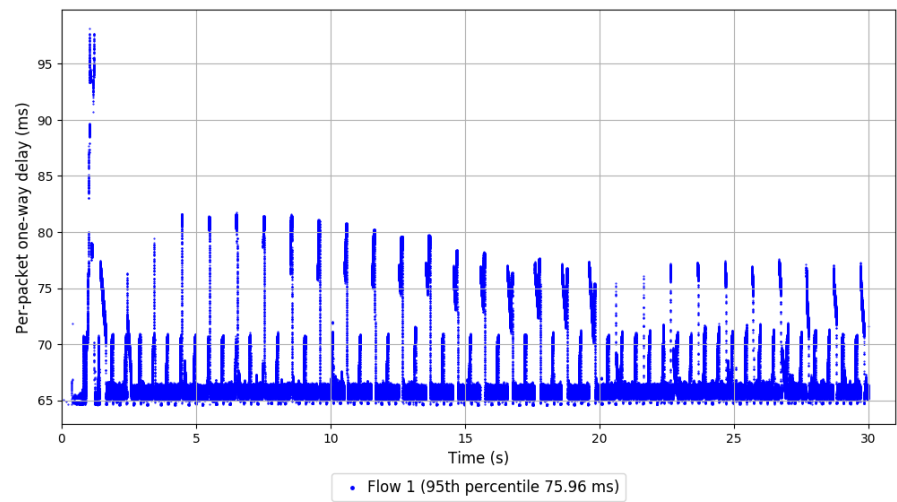
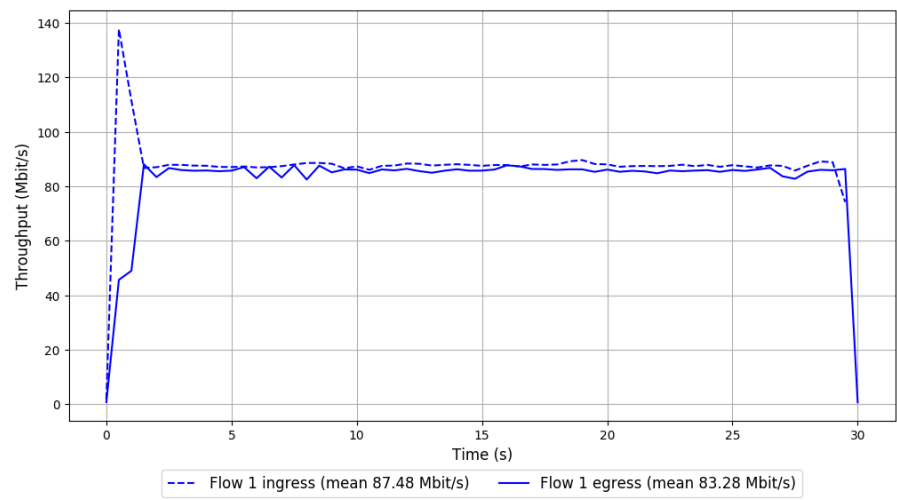
-- Flow 1:

Average throughput: 83.28 Mbit/s

95th percentile per-packet one-way delay: 75.960 ms

Loss rate: 4.78%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-04 10:40:37

End at: 2018-02-04 10:41:07

Local clock offset: -1.463 ms

Remote clock offset: 1.627 ms

Below is generated by plot.py at 2018-02-04 12:25:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.84 Mbit/s

95th percentile per-packet one-way delay: 76.045 ms

Loss rate: 5.25%

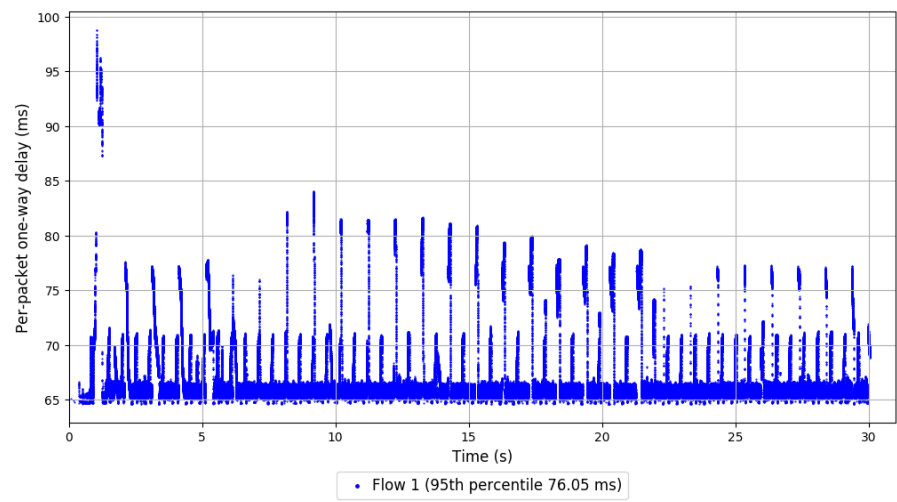
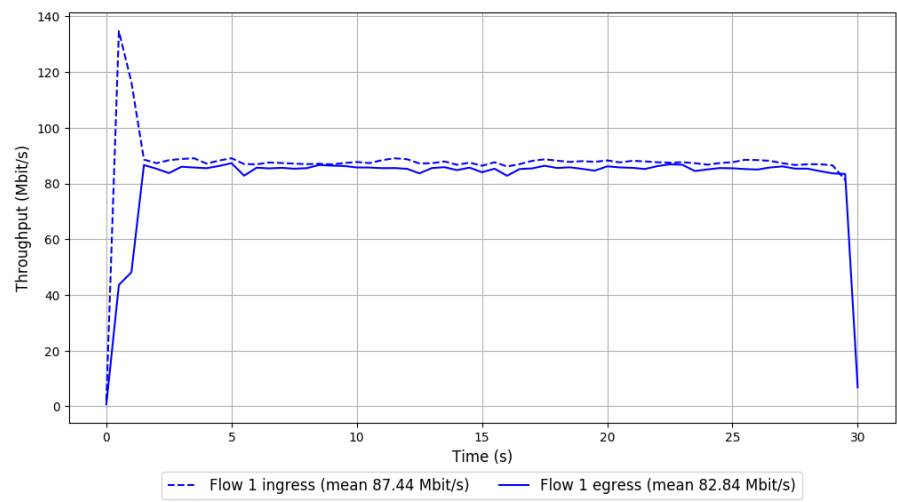
-- Flow 1:

Average throughput: 82.84 Mbit/s

95th percentile per-packet one-way delay: 76.045 ms

Loss rate: 5.25%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-02-04 11:10:06

End at: 2018-02-04 11:10:36

Local clock offset: -1.201 ms

Remote clock offset: 0.94 ms

Below is generated by plot.py at 2018-02-04 12:27:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 75.400 ms

Loss rate: 5.50%

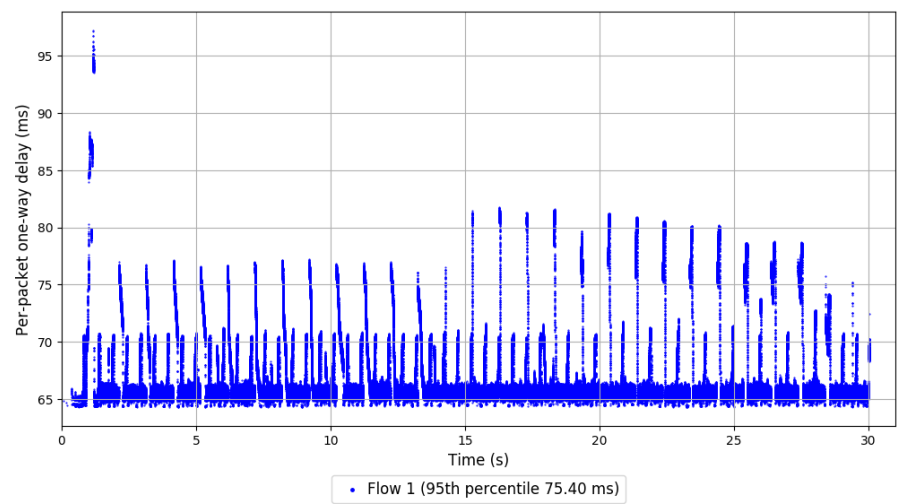
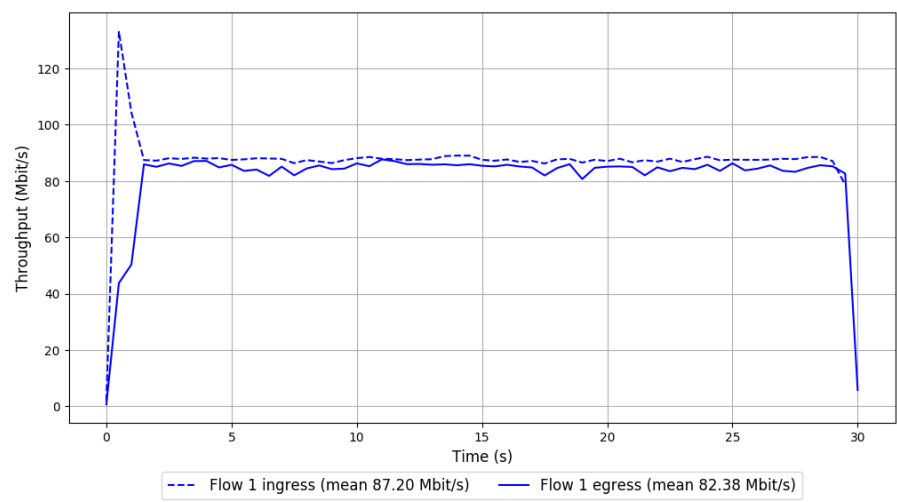
-- Flow 1:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 75.400 ms

Loss rate: 5.50%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-04 11:31:39

End at: 2018-02-04 11:32:09

Local clock offset: -1.041 ms

Remote clock offset: 0.211 ms

Below is generated by plot.py at 2018-02-04 12:27:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.70 Mbit/s

95th percentile per-packet one-way delay: 74.503 ms

Loss rate: 6.15%

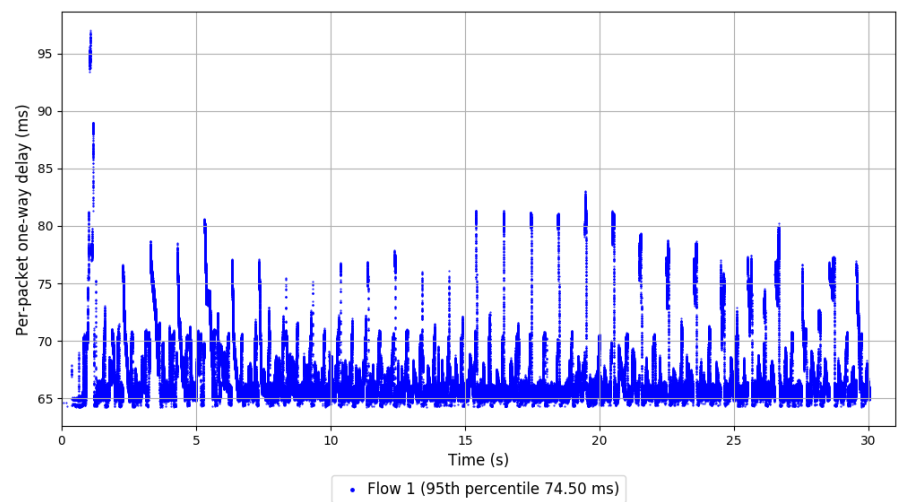
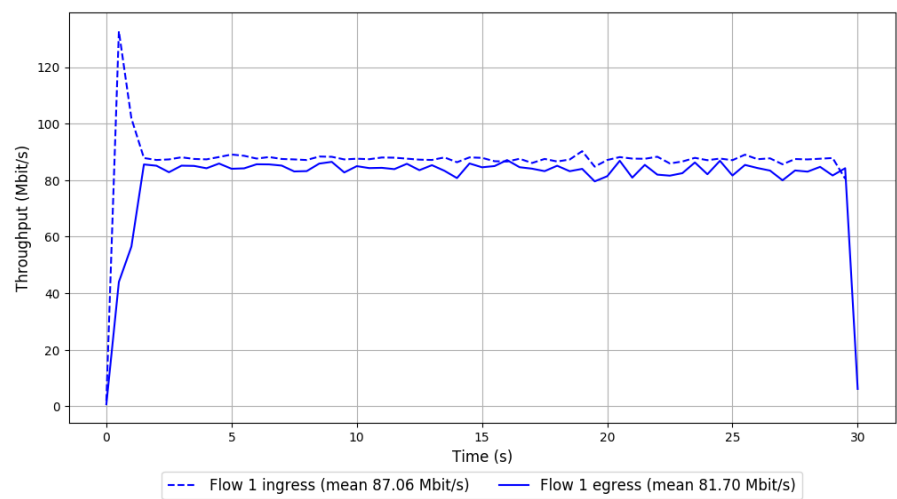
-- Flow 1:

Average throughput: 81.70 Mbit/s

95th percentile per-packet one-way delay: 74.503 ms

Loss rate: 6.15%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-02-04 08:12:53

End at: 2018-02-04 08:13:23

Local clock offset: 0.658 ms

Remote clock offset: 10.724 ms

Below is generated by plot.py at 2018-02-04 12:27:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.36 Mbit/s

95th percentile per-packet one-way delay: 78.845 ms

Loss rate: 4.39%

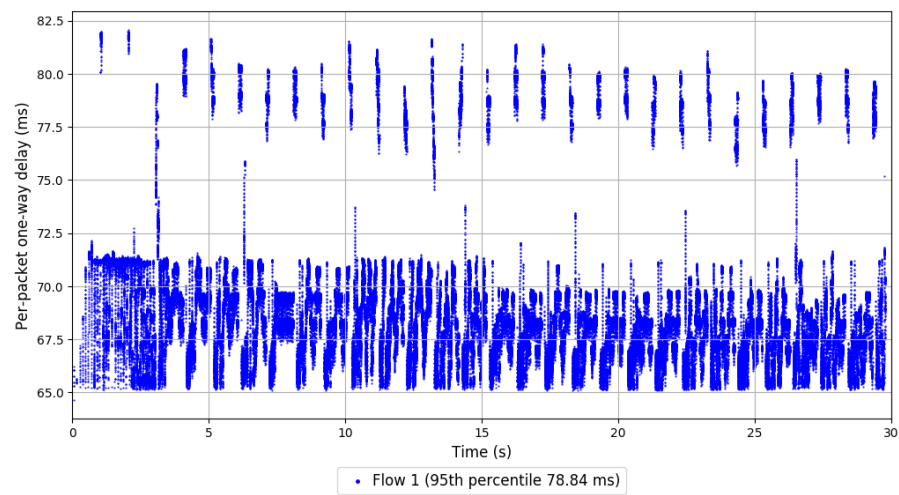
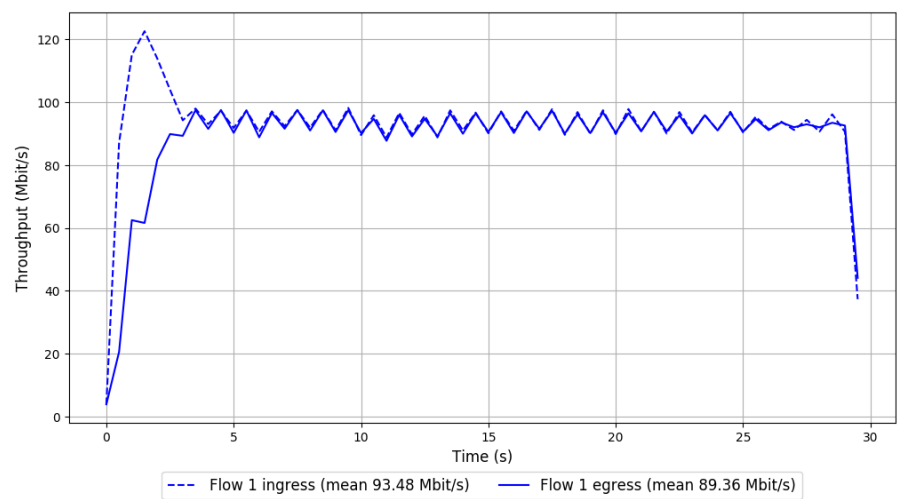
-- Flow 1:

Average throughput: 89.36 Mbit/s

95th percentile per-packet one-way delay: 78.845 ms

Loss rate: 4.39%

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

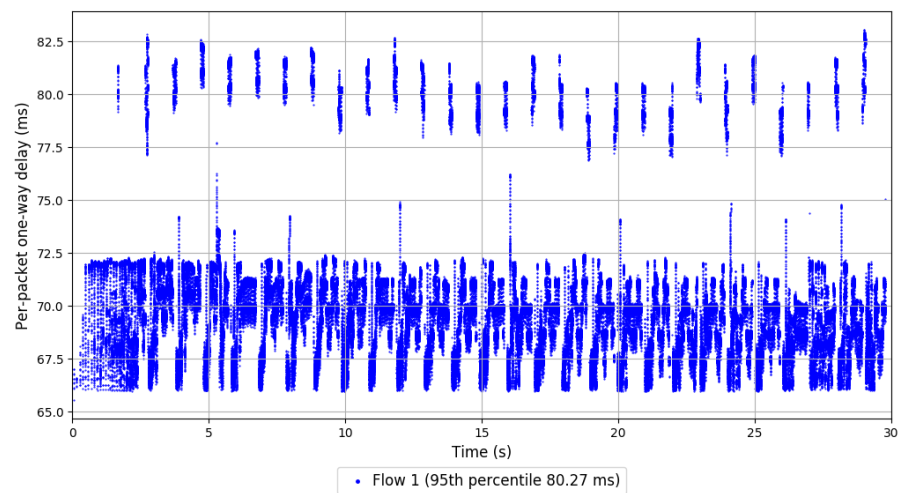
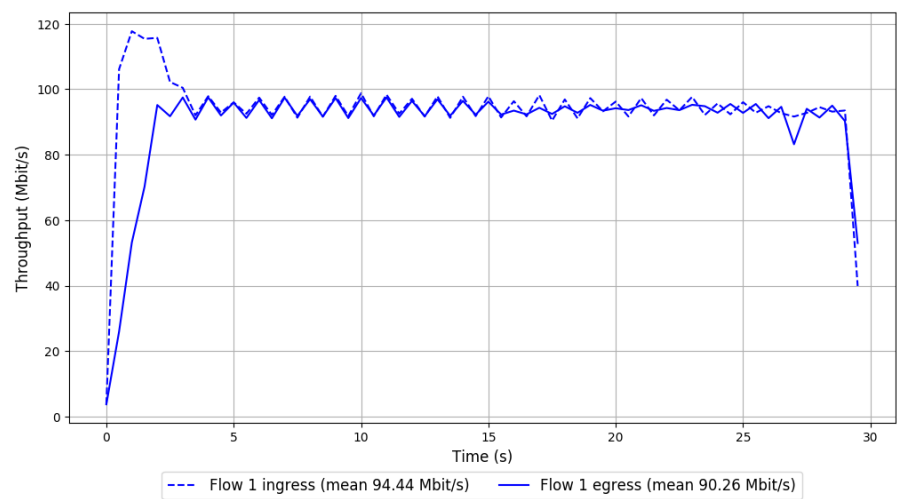


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-04 08:34:36
End at: 2018-02-04 08:35:06
Local clock offset: -0.417 ms
Remote clock offset: 10.941 ms

Below is generated by plot.py at 2018-02-04 12:27:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 80.272 ms
Loss rate: 4.40%
-- Flow 1:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 80.272 ms
Loss rate: 4.40%

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

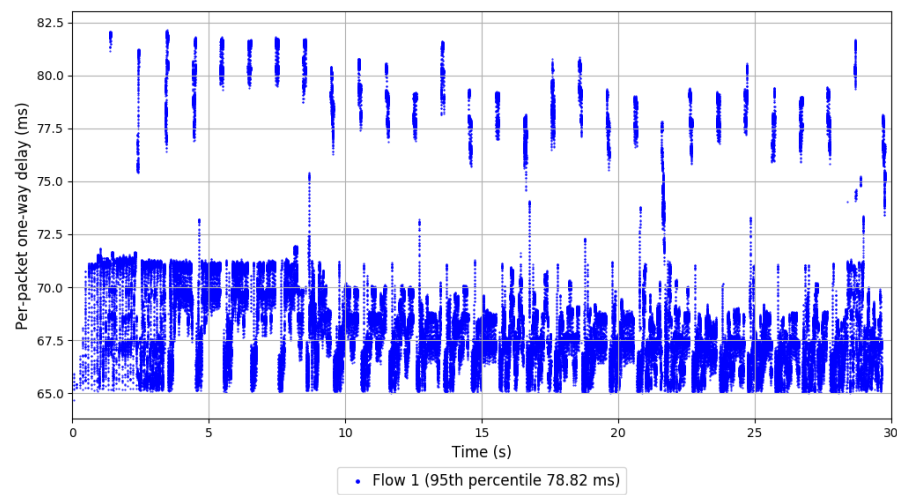
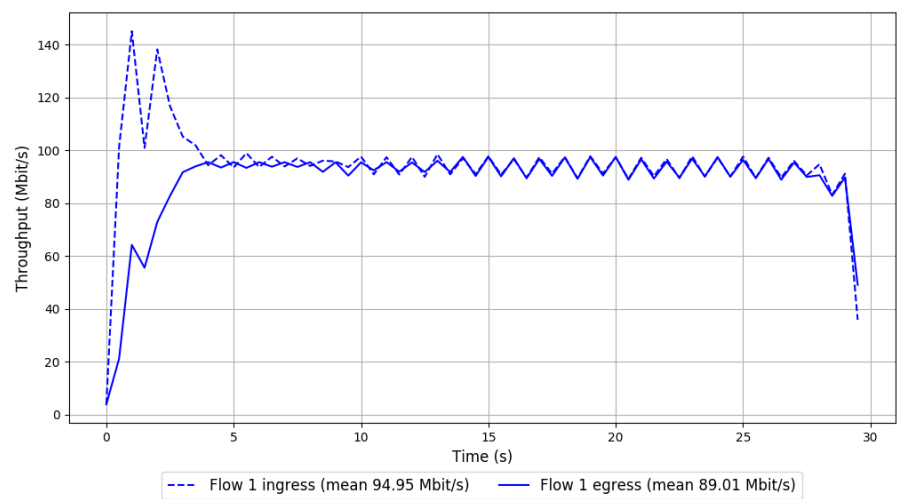


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-04 08:56:16
End at: 2018-02-04 08:56:46
Local clock offset: -0.117 ms
Remote clock offset: 10.365 ms

Below is generated by plot.py at 2018-02-04 12:27:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.01 Mbit/s
95th percentile per-packet one-way delay: 78.821 ms
Loss rate: 6.22%
-- Flow 1:
Average throughput: 89.01 Mbit/s
95th percentile per-packet one-way delay: 78.821 ms
Loss rate: 6.22%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-04 09:18:01

End at: 2018-02-04 09:18:31

Local clock offset: -3.32 ms

Remote clock offset: 8.067 ms

Below is generated by plot.py at 2018-02-04 12:27:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 83.237 ms

Loss rate: 11.94%

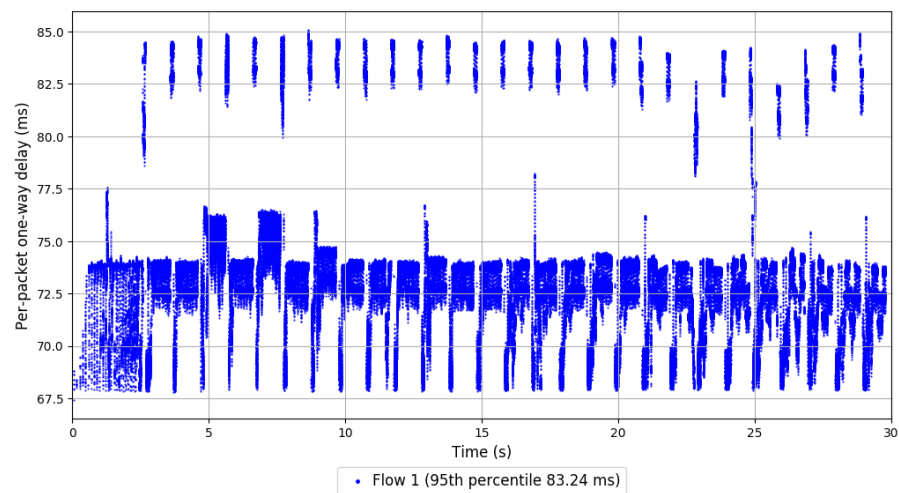
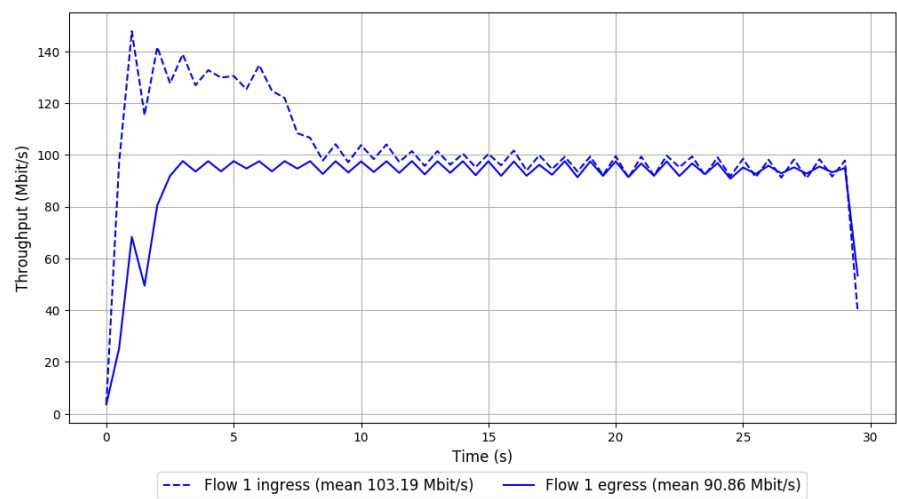
-- Flow 1:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 83.237 ms

Loss rate: 11.94%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-04 09:39:41

End at: 2018-02-04 09:40:11

Local clock offset: -0.684 ms

Remote clock offset: 4.287 ms

Below is generated by plot.py at 2018-02-04 12:27:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.90 Mbit/s

95th percentile per-packet one-way delay: 81.304 ms

Loss rate: 18.58%

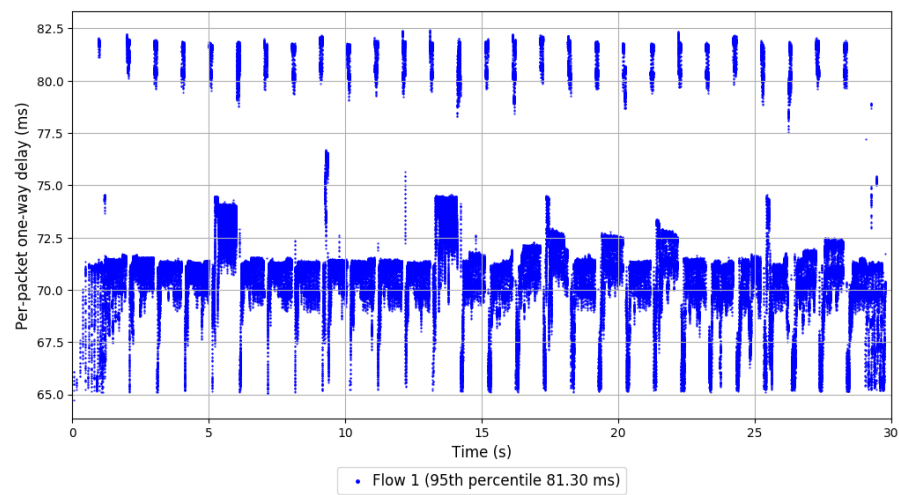
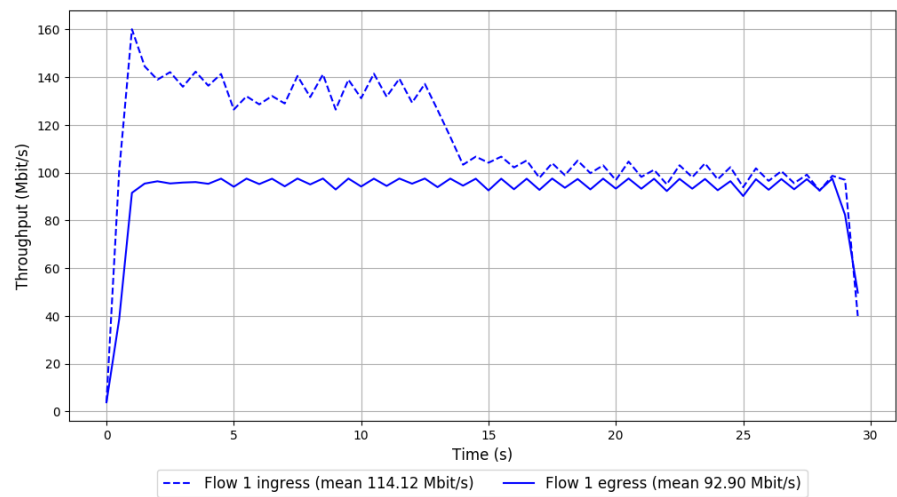
-- Flow 1:

Average throughput: 92.90 Mbit/s

95th percentile per-packet one-way delay: 81.304 ms

Loss rate: 18.58%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-04 10:03:42

End at: 2018-02-04 10:04:12

Local clock offset: -1.82 ms

Remote clock offset: 2.396 ms

Below is generated by plot.py at 2018-02-04 12:27:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.14 Mbit/s

95th percentile per-packet one-way delay: 80.628 ms

Loss rate: 8.33%

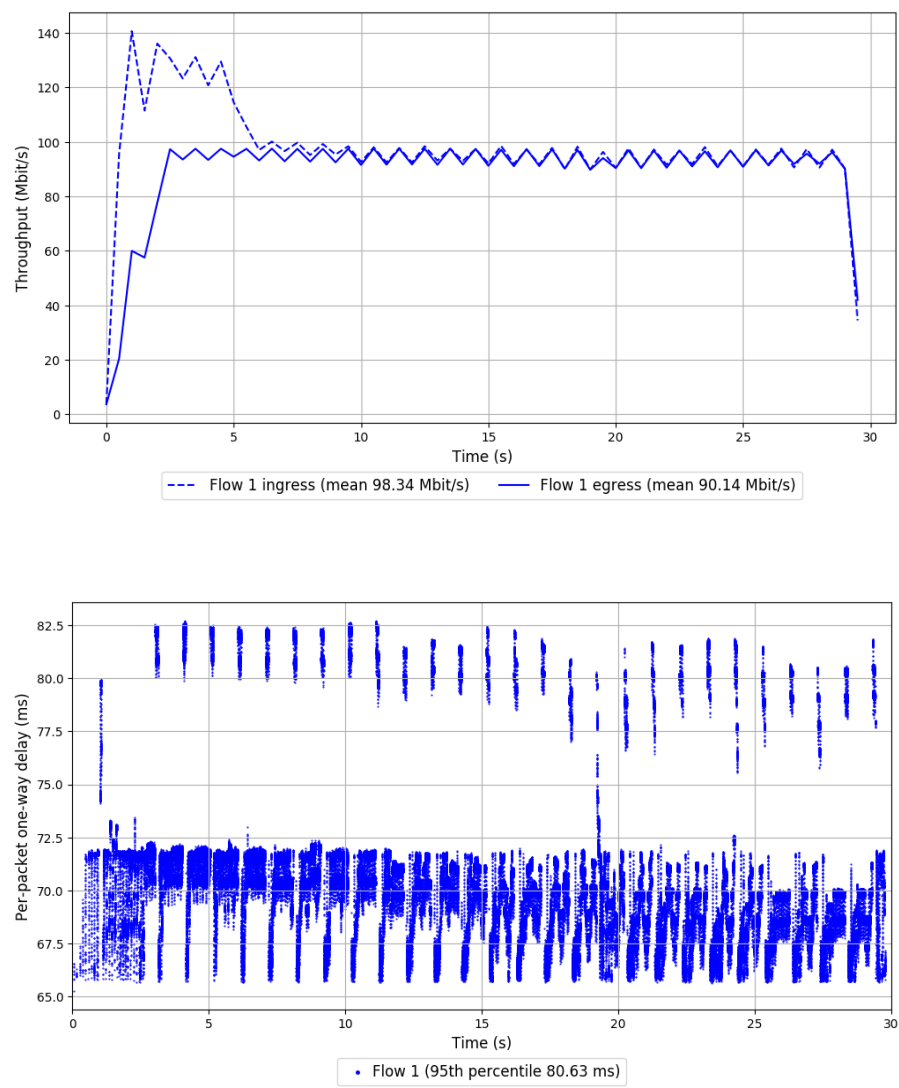
-- Flow 1:

Average throughput: 90.14 Mbit/s

95th percentile per-packet one-way delay: 80.628 ms

Loss rate: 8.33%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-04 10:25:22

End at: 2018-02-04 10:25:52

Local clock offset: -1.559 ms

Remote clock offset: 1.84 ms

Below is generated by plot.py at 2018-02-04 12:27:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.18 Mbit/s

95th percentile per-packet one-way delay: 81.634 ms

Loss rate: 21.87%

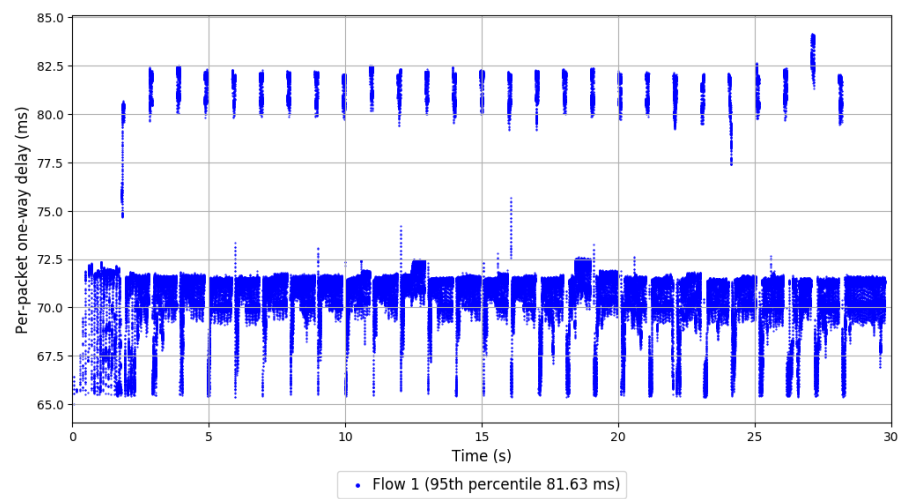
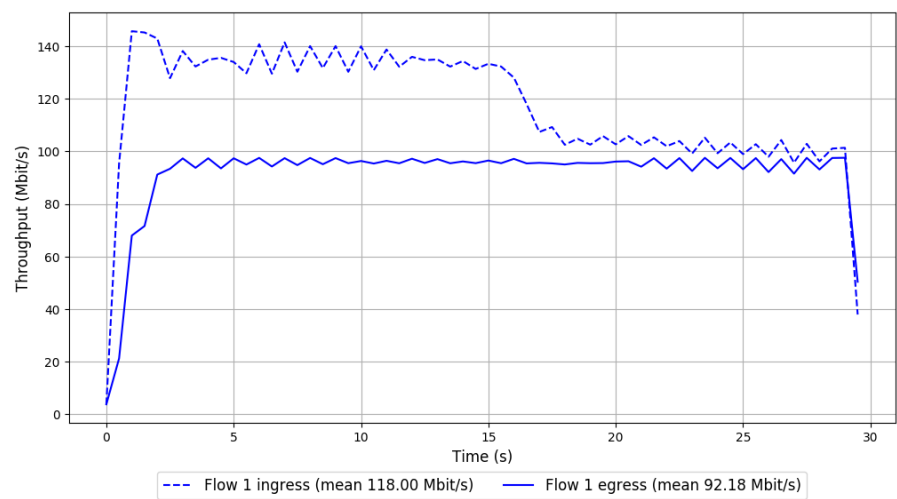
-- Flow 1:

Average throughput: 92.18 Mbit/s

95th percentile per-packet one-way delay: 81.634 ms

Loss rate: 21.87%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-04 10:54:34

End at: 2018-02-04 10:55:04

Local clock offset: -1.388 ms

Remote clock offset: 1.282 ms

Below is generated by plot.py at 2018-02-04 12:27:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.76 Mbit/s

95th percentile per-packet one-way delay: 81.944 ms

Loss rate: 33.20%

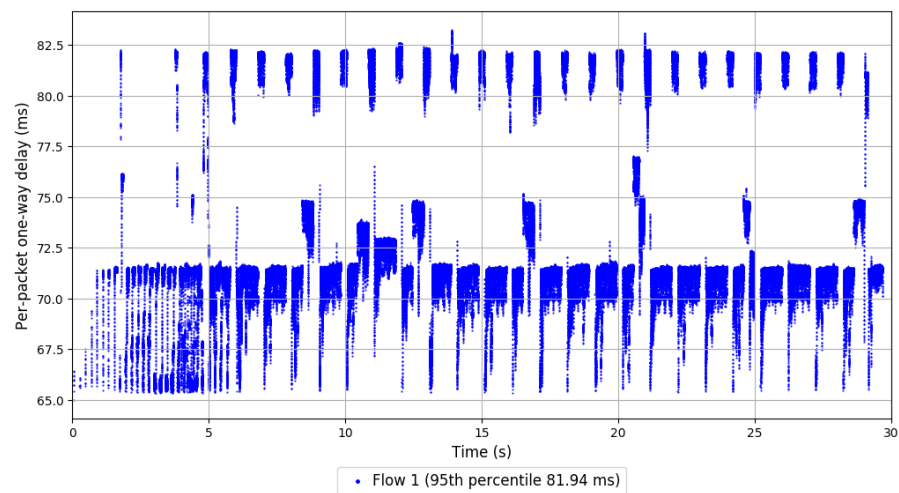
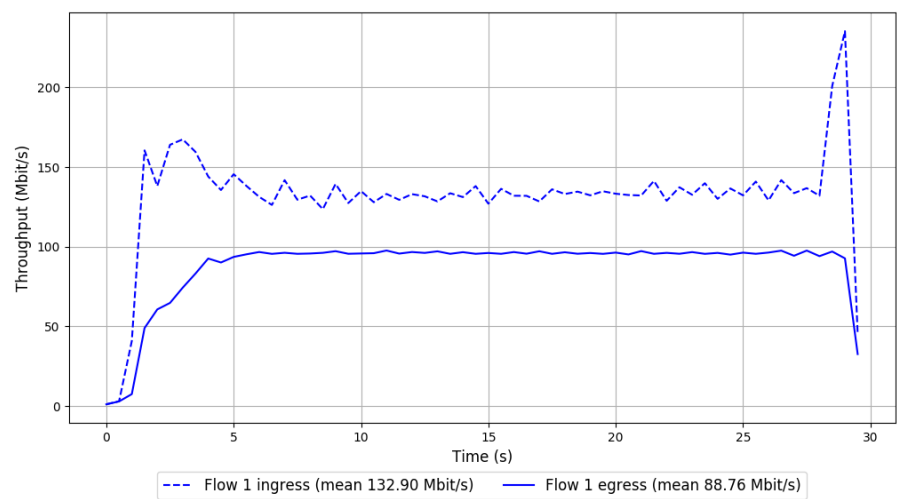
-- Flow 1:

Average throughput: 88.76 Mbit/s

95th percentile per-packet one-way delay: 81.944 ms

Loss rate: 33.20%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-04 11:18:29

End at: 2018-02-04 11:18:59

Local clock offset: -1.323 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at 2018-02-04 12:27:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 77.916 ms

Loss rate: 8.10%

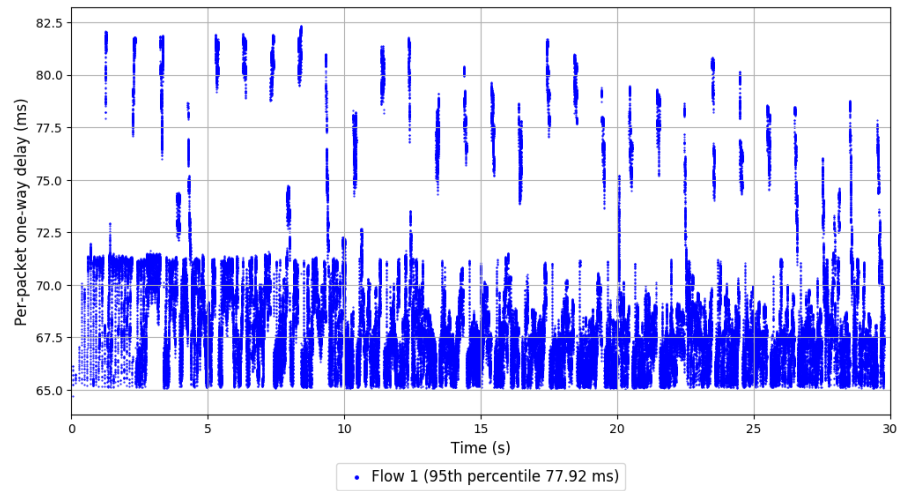
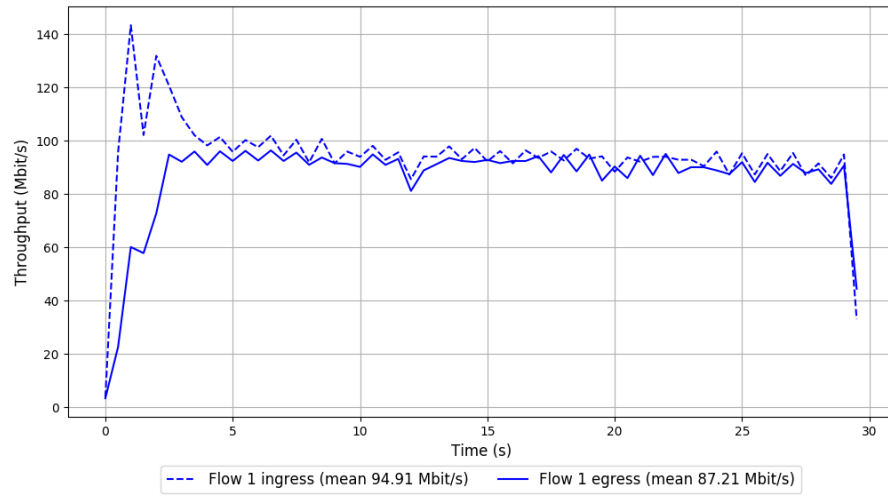
-- Flow 1:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 77.916 ms

Loss rate: 8.10%

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

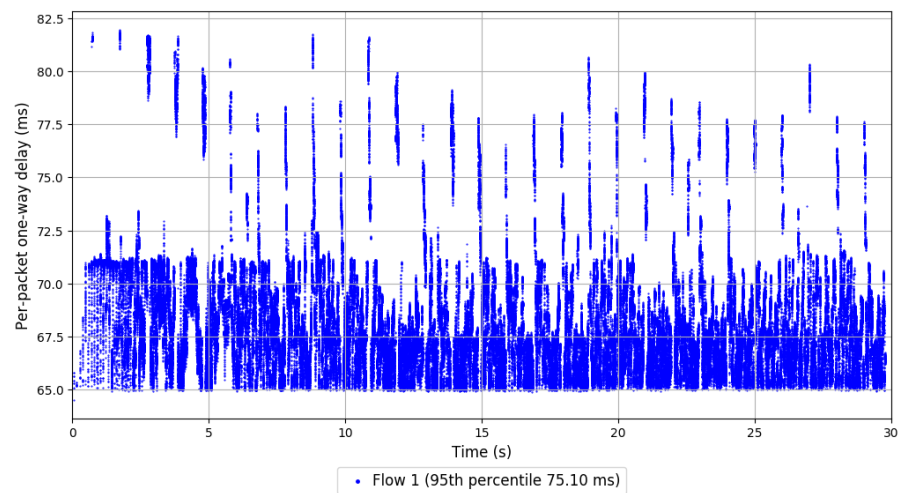
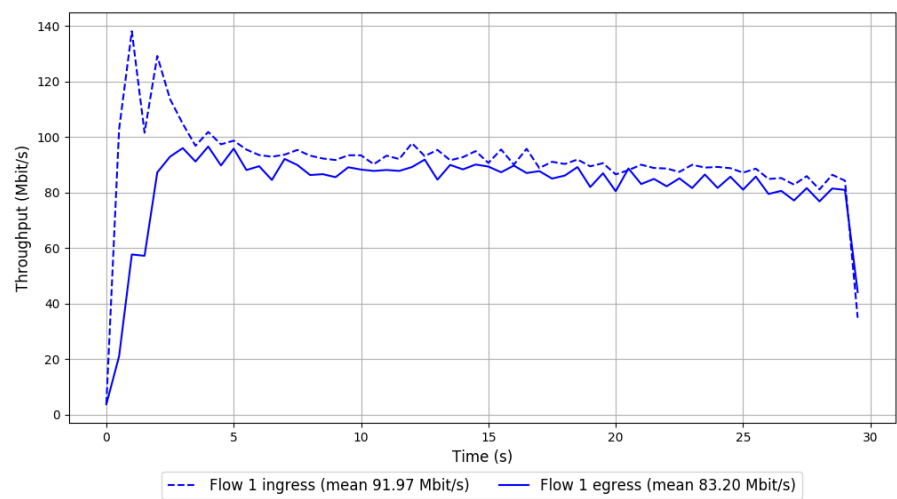


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-04 11:39:59
End at: 2018-02-04 11:40:29
Local clock offset: -1.114 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-02-04 12:28:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 75.103 ms
Loss rate: 9.53%
-- Flow 1:
Average throughput: 83.20 Mbit/s
95th percentile per-packet one-way delay: 75.103 ms
Loss rate: 9.53%

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

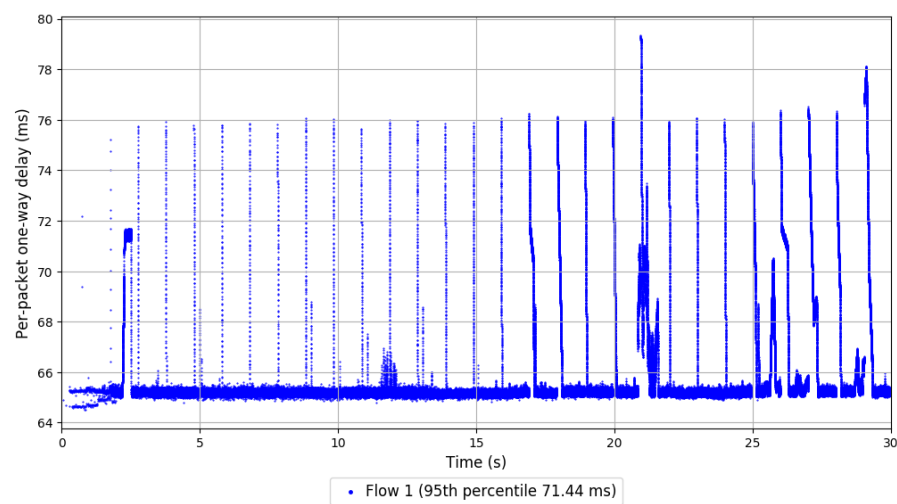
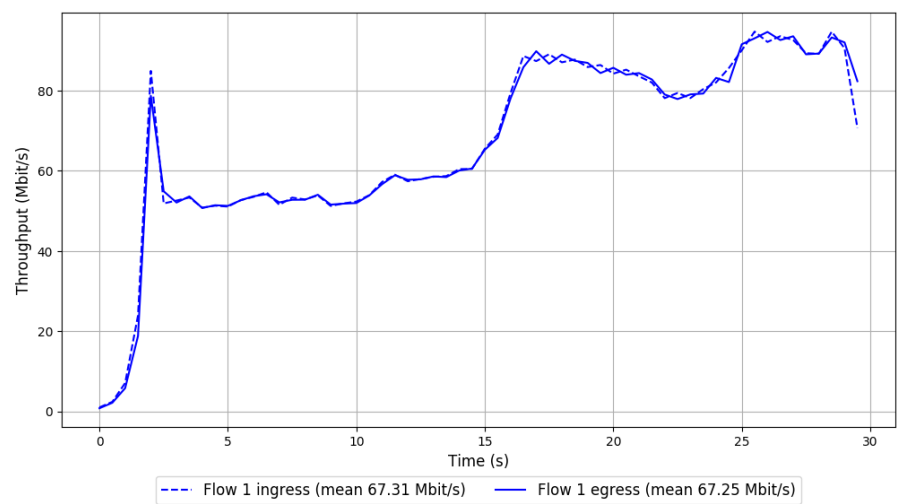


Run 1: Statistics of Vivace-latency

Start at: 2018-02-04 08:09:16
End at: 2018-02-04 08:09:46
Local clock offset: 0.734 ms
Remote clock offset: 10.591 ms

Below is generated by plot.py at 2018-02-04 12:28:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.25 Mbit/s
95th percentile per-packet one-way delay: 71.439 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 67.25 Mbit/s
95th percentile per-packet one-way delay: 71.439 ms
Loss rate: 0.09%

Run 1: Report of Vivace-latency — Data Link

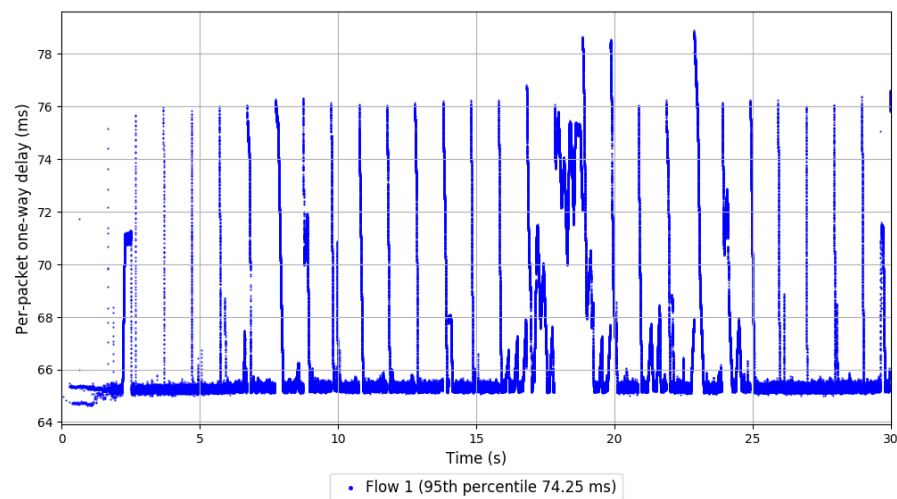
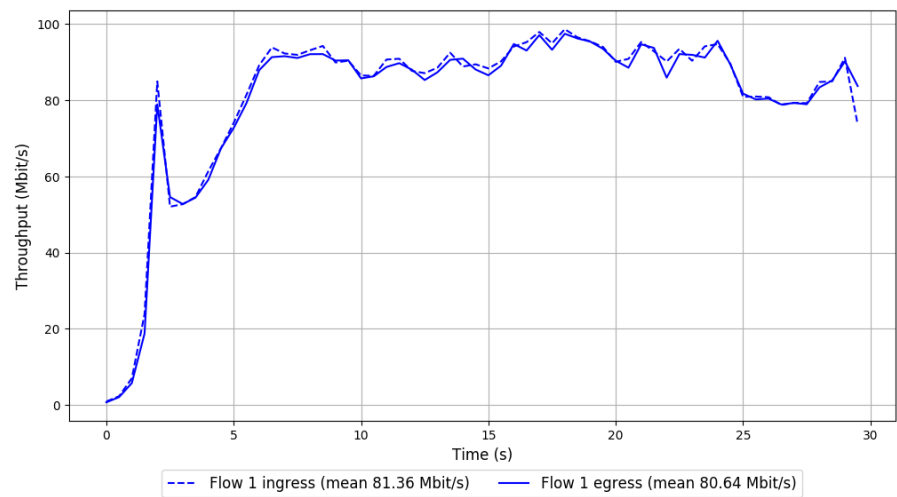


Run 2: Statistics of Vivace-latency

Start at: 2018-02-04 08:31:00
End at: 2018-02-04 08:31:30
Local clock offset: 0.289 ms
Remote clock offset: 10.983 ms

Below is generated by plot.py at 2018-02-04 12:28:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.64 Mbit/s
95th percentile per-packet one-way delay: 74.250 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 80.64 Mbit/s
95th percentile per-packet one-way delay: 74.250 ms
Loss rate: 0.85%

Run 2: Report of Vivace-latency — Data Link

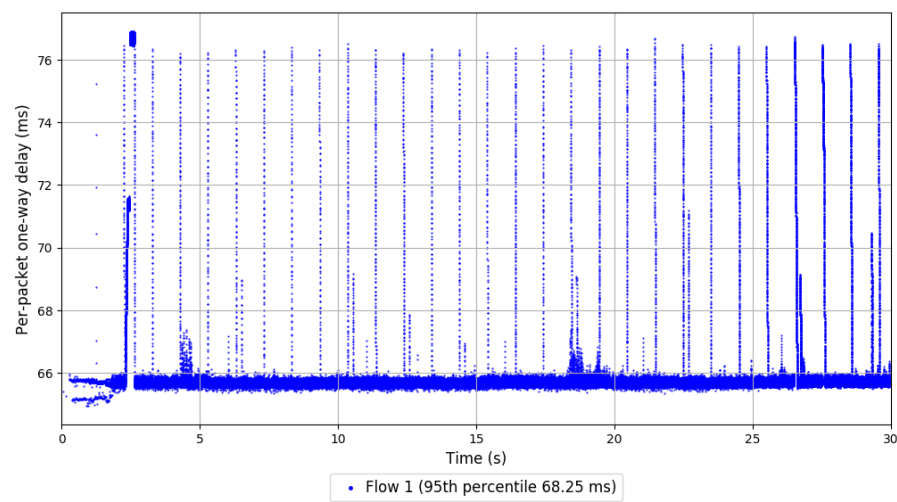
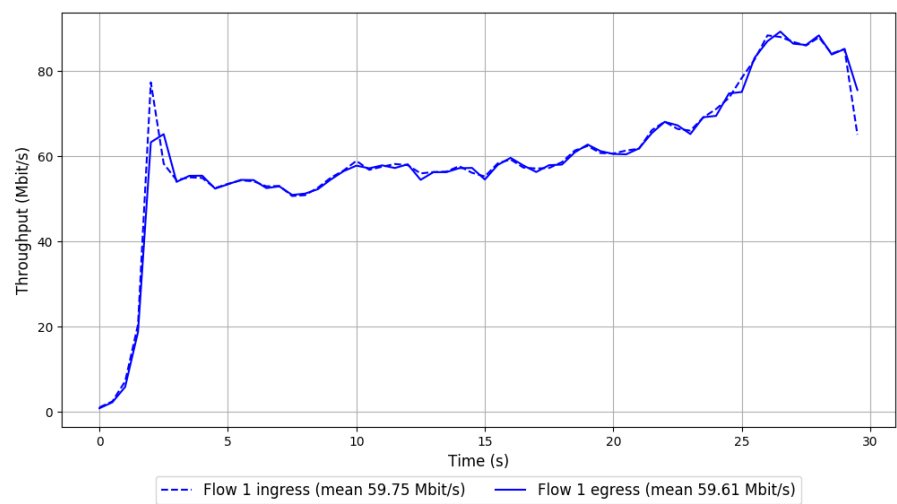


Run 3: Statistics of Vivace-latency

Start at: 2018-02-04 08:52:40
End at: 2018-02-04 08:53:10
Local clock offset: -0.38 ms
Remote clock offset: 10.435 ms

Below is generated by plot.py at 2018-02-04 12:28:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 68.247 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 59.61 Mbit/s
95th percentile per-packet one-way delay: 68.247 ms
Loss rate: 0.23%

Run 3: Report of Vivace-latency — Data Link

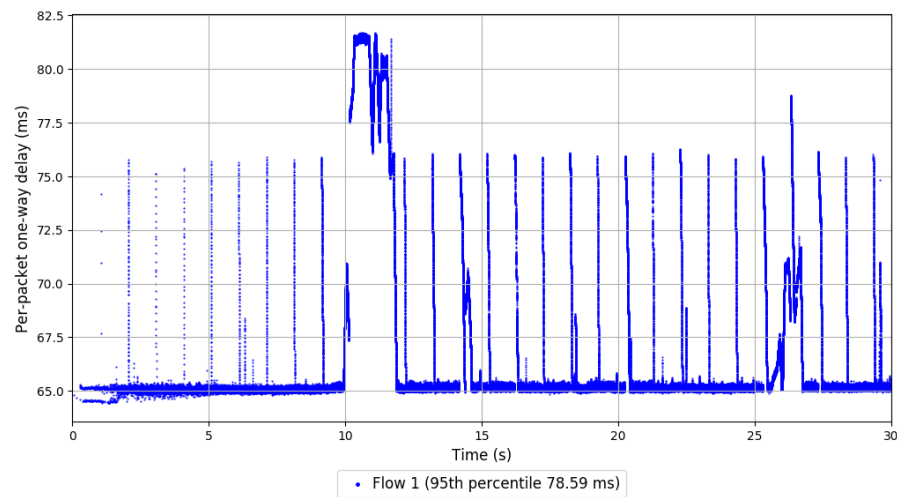
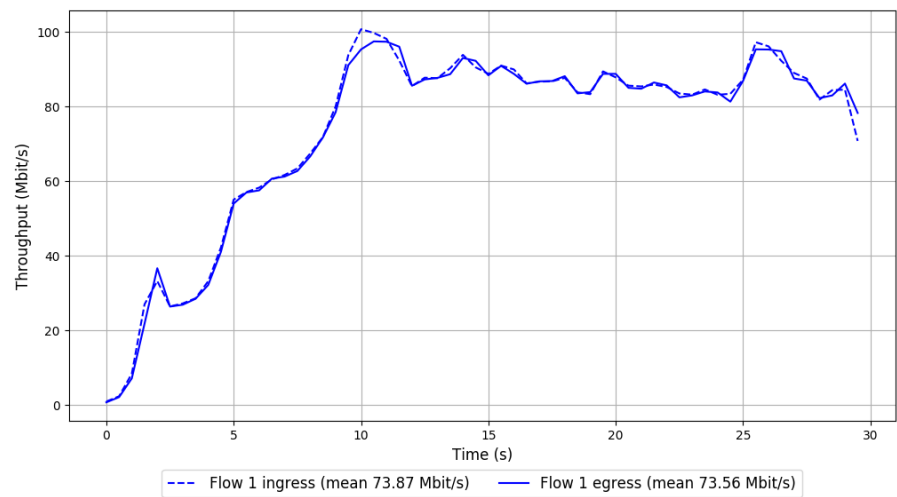


Run 4: Statistics of Vivace-latency

Start at: 2018-02-04 09:14:25
End at: 2018-02-04 09:14:55
Local clock offset: -0.445 ms
Remote clock offset: 8.713 ms

Below is generated by plot.py at 2018-02-04 12:28:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 78.589 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 78.589 ms
Loss rate: 0.41%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-04 09:36:06

End at: 2018-02-04 09:36:36

Local clock offset: -0.768 ms

Remote clock offset: 4.822 ms

Below is generated by plot.py at 2018-02-04 12:28:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.58 Mbit/s

95th percentile per-packet one-way delay: 75.640 ms

Loss rate: 0.15%

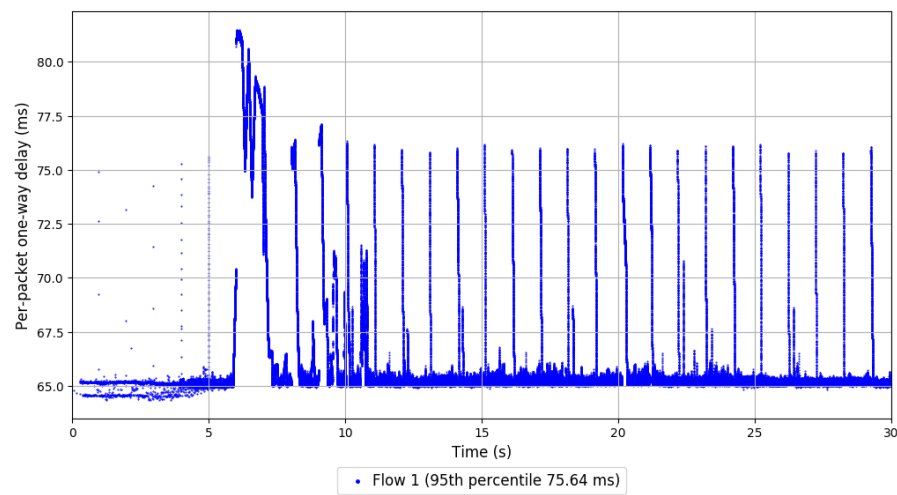
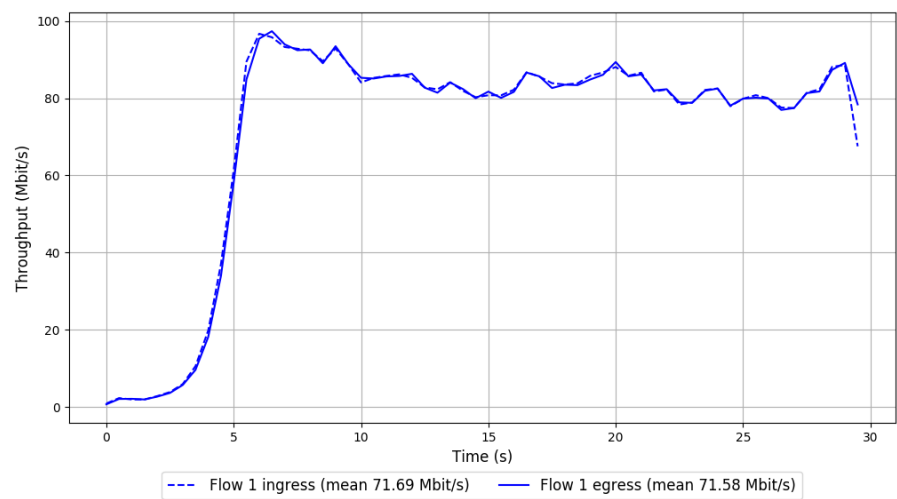
-- Flow 1:

Average throughput: 71.58 Mbit/s

95th percentile per-packet one-way delay: 75.640 ms

Loss rate: 0.15%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-04 09:59:59

End at: 2018-02-04 10:00:29

Local clock offset: -1.064 ms

Remote clock offset: 2.687 ms

Below is generated by plot.py at 2018-02-04 12:28:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.64 Mbit/s

95th percentile per-packet one-way delay: 75.217 ms

Loss rate: 0.18%

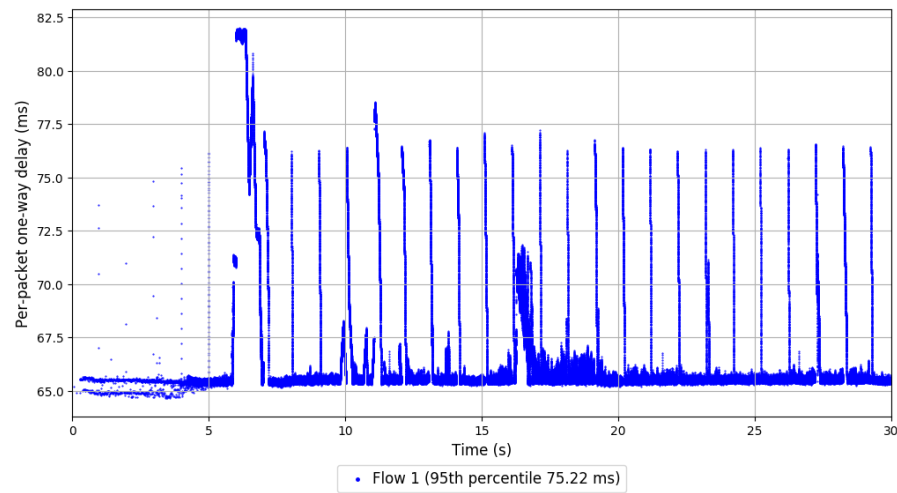
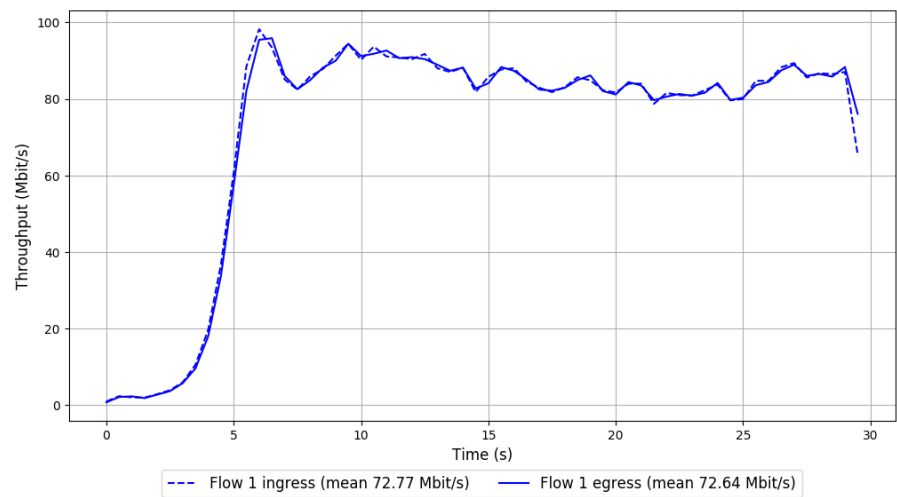
-- Flow 1:

Average throughput: 72.64 Mbit/s

95th percentile per-packet one-way delay: 75.217 ms

Loss rate: 0.18%

Run 6: Report of Vivace-latency — Data Link

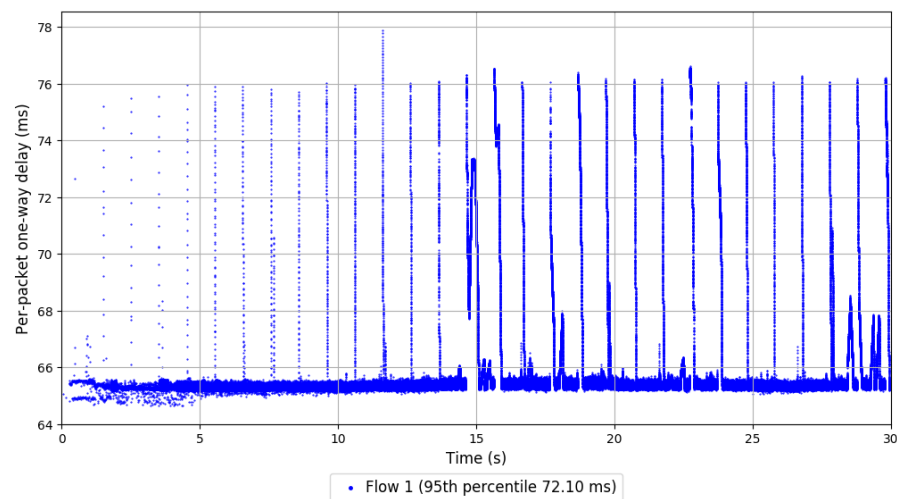
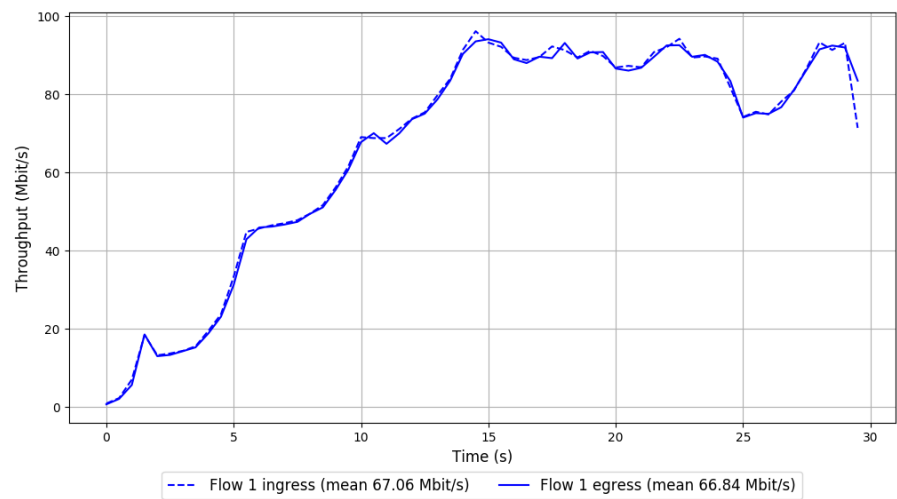


Run 7: Statistics of Vivace-latency

Start at: 2018-02-04 10:21:48
End at: 2018-02-04 10:22:18
Local clock offset: -1.173 ms
Remote clock offset: 1.883 ms

Below is generated by plot.py at 2018-02-04 12:28:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 72.096 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 66.84 Mbit/s
95th percentile per-packet one-way delay: 72.096 ms
Loss rate: 0.33%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-02-04 10:48:21

End at: 2018-02-04 10:48:51

Local clock offset: -1.545 ms

Remote clock offset: 1.415 ms

Below is generated by plot.py at 2018-02-04 12:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.69 Mbit/s

95th percentile per-packet one-way delay: 72.426 ms

Loss rate: 0.41%

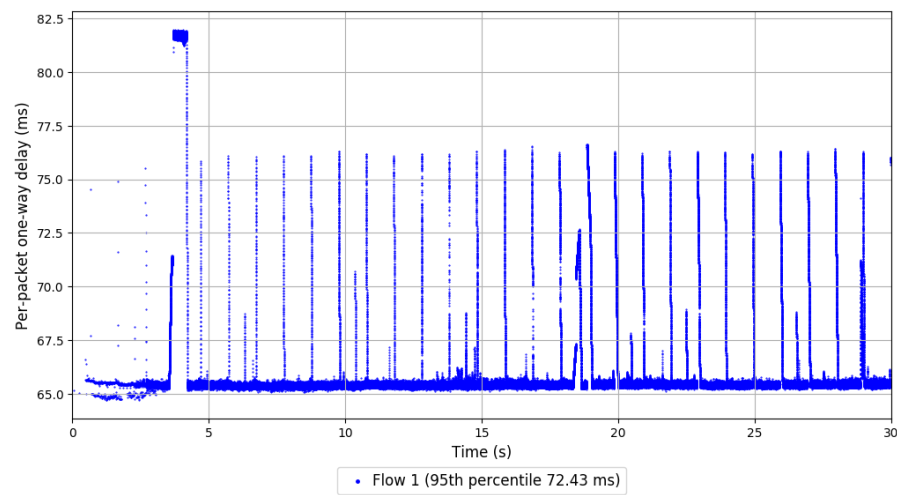
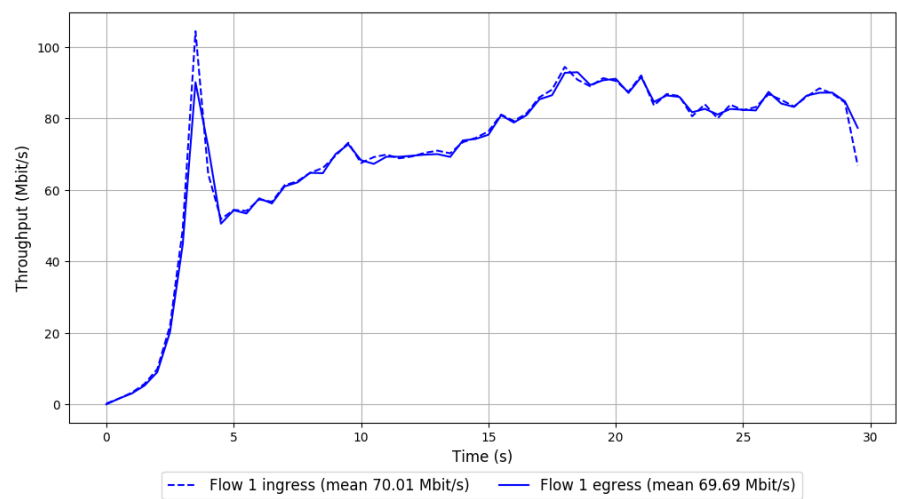
-- Flow 1:

Average throughput: 69.69 Mbit/s

95th percentile per-packet one-way delay: 72.426 ms

Loss rate: 0.41%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-04 11:14:57

End at: 2018-02-04 11:15:27

Local clock offset: -1.298 ms

Remote clock offset: 0.891 ms

Below is generated by plot.py at 2018-02-04 12:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.95 Mbit/s

95th percentile per-packet one-way delay: 65.421 ms

Loss rate: 1.63%

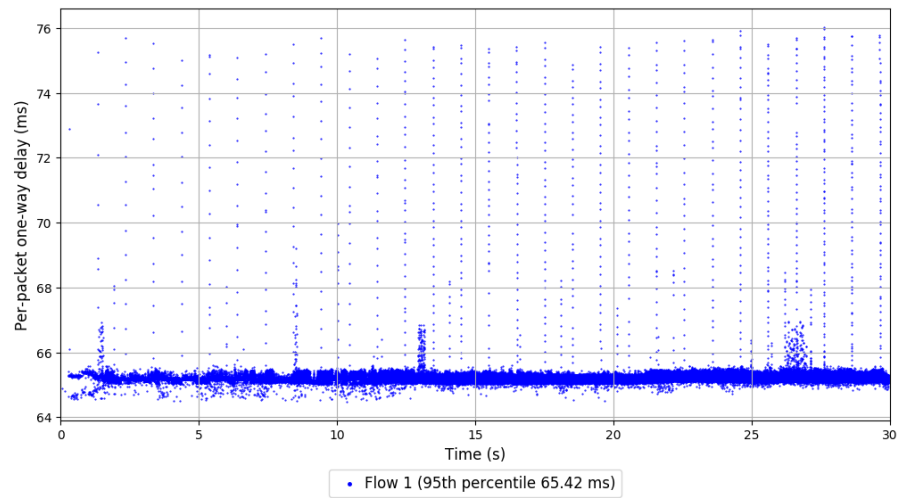
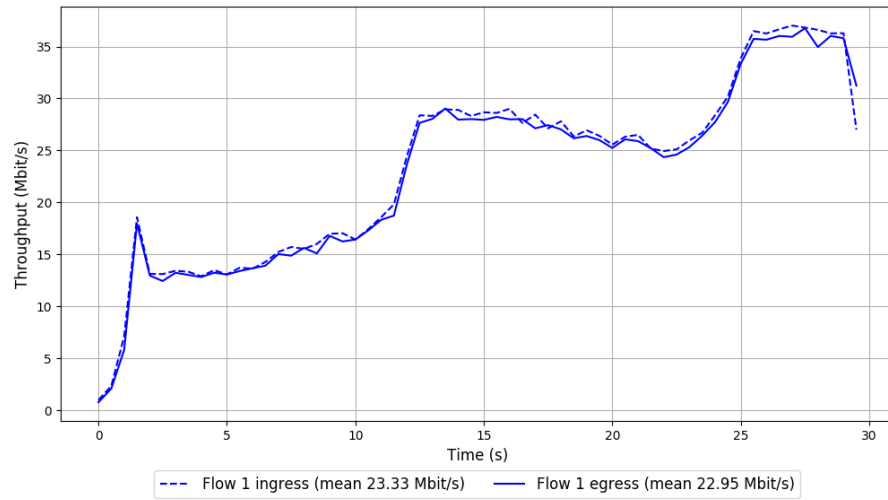
-- Flow 1:

Average throughput: 22.95 Mbit/s

95th percentile per-packet one-way delay: 65.421 ms

Loss rate: 1.63%

Run 9: Report of Vivace-latency — Data Link

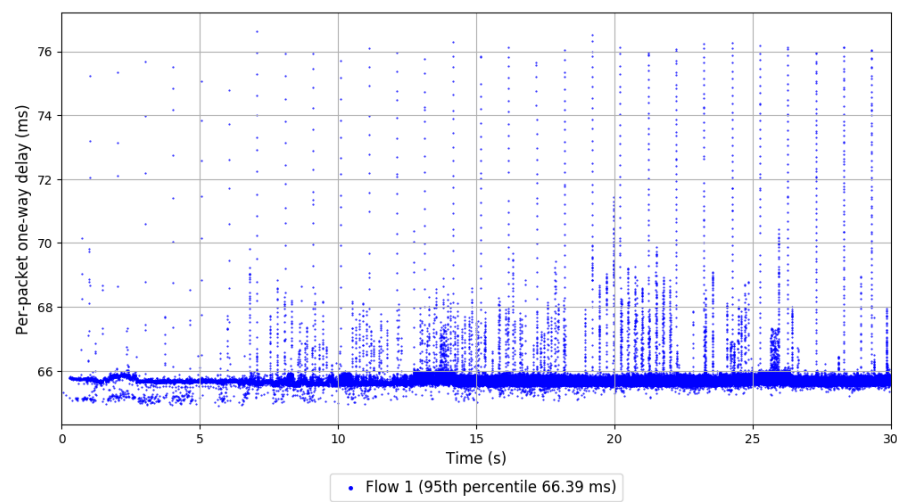
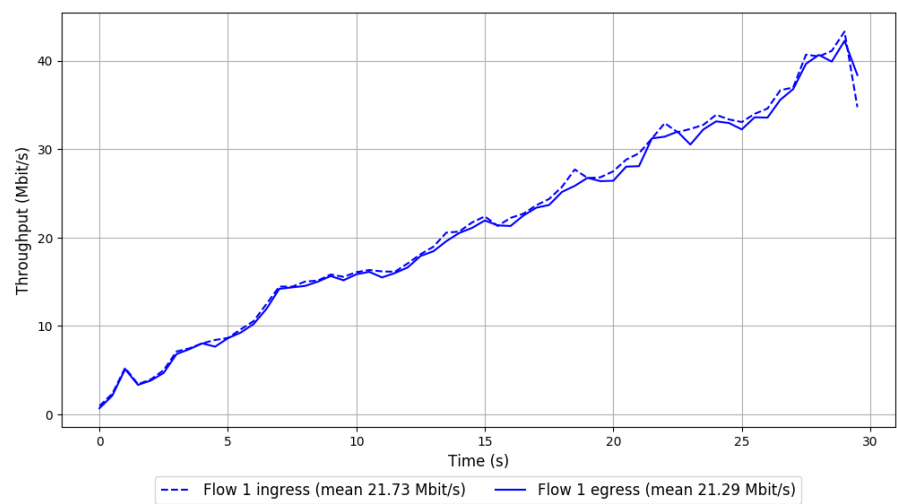


Run 10: Statistics of Vivace-latency

Start at: 2018-02-04 11:36:27
End at: 2018-02-04 11:36:57
Local clock offset: -1.477 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-02-04 12:29:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.29 Mbit/s
95th percentile per-packet one-way delay: 66.389 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 21.29 Mbit/s
95th percentile per-packet one-way delay: 66.389 ms
Loss rate: 1.98%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-04 08:03:12

End at: 2018-02-04 08:03:42

Local clock offset: 0.771 ms

Remote clock offset: 10.493 ms

Below is generated by plot.py at 2018-02-04 12:29:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 81.644 ms

Loss rate: 1.93%

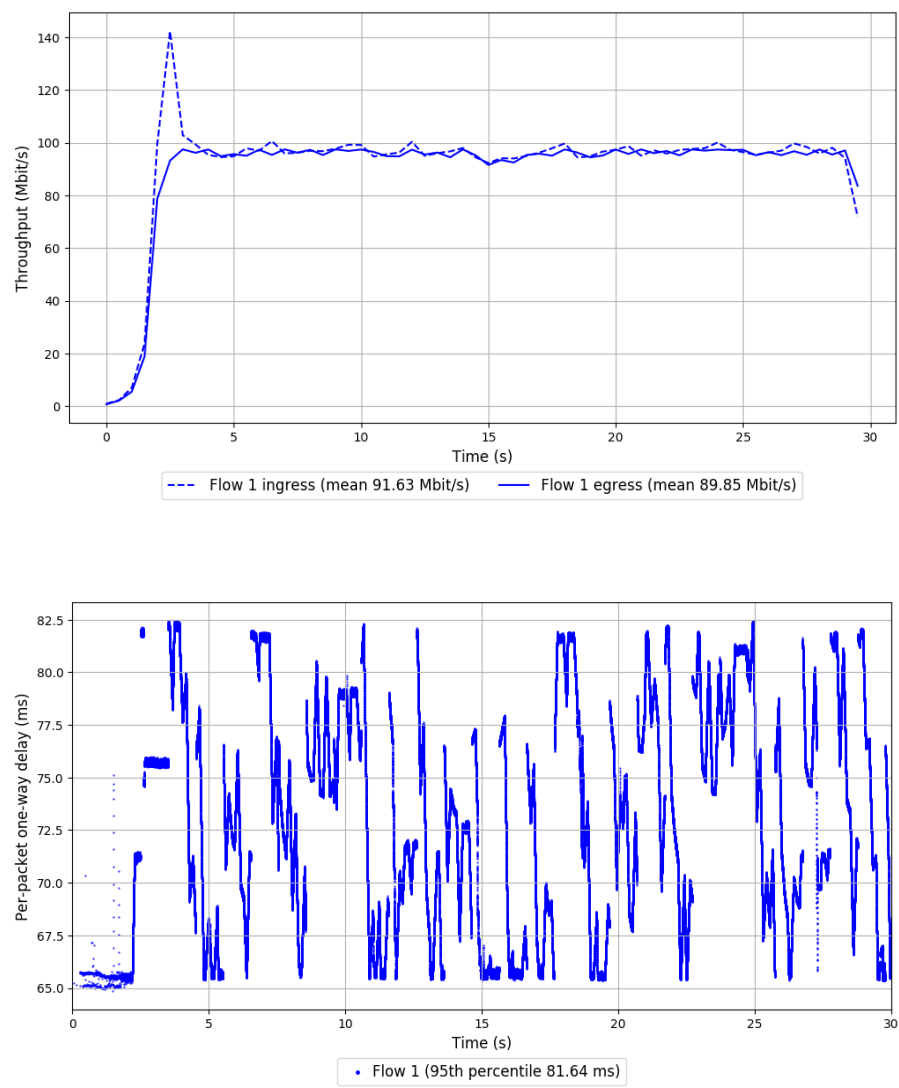
-- Flow 1:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 81.644 ms

Loss rate: 1.93%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-04 08:24:55

End at: 2018-02-04 08:25:26

Local clock offset: 0.162 ms

Remote clock offset: 10.792 ms

Below is generated by plot.py at 2018-02-04 12:29:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.79 Mbit/s

95th percentile per-packet one-way delay: 81.426 ms

Loss rate: 1.78%

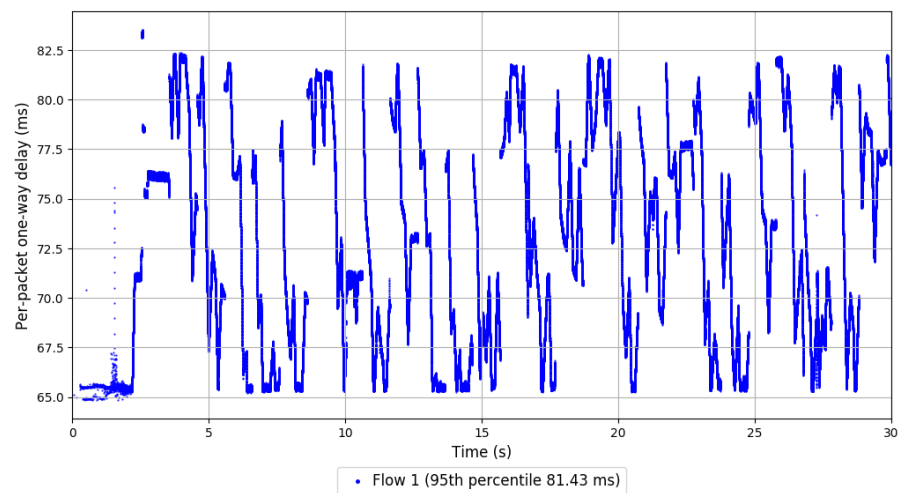
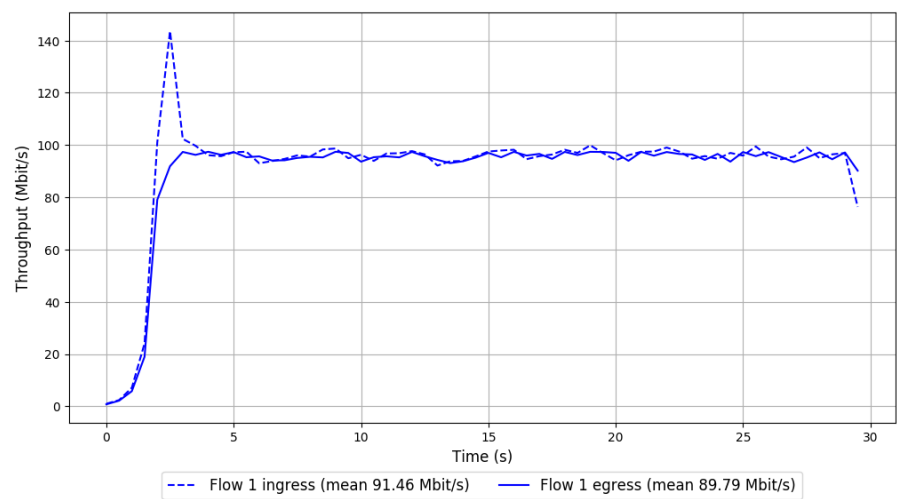
-- Flow 1:

Average throughput: 89.79 Mbit/s

95th percentile per-packet one-way delay: 81.426 ms

Loss rate: 1.78%

Run 2: Report of Vivace-loss — Data Link

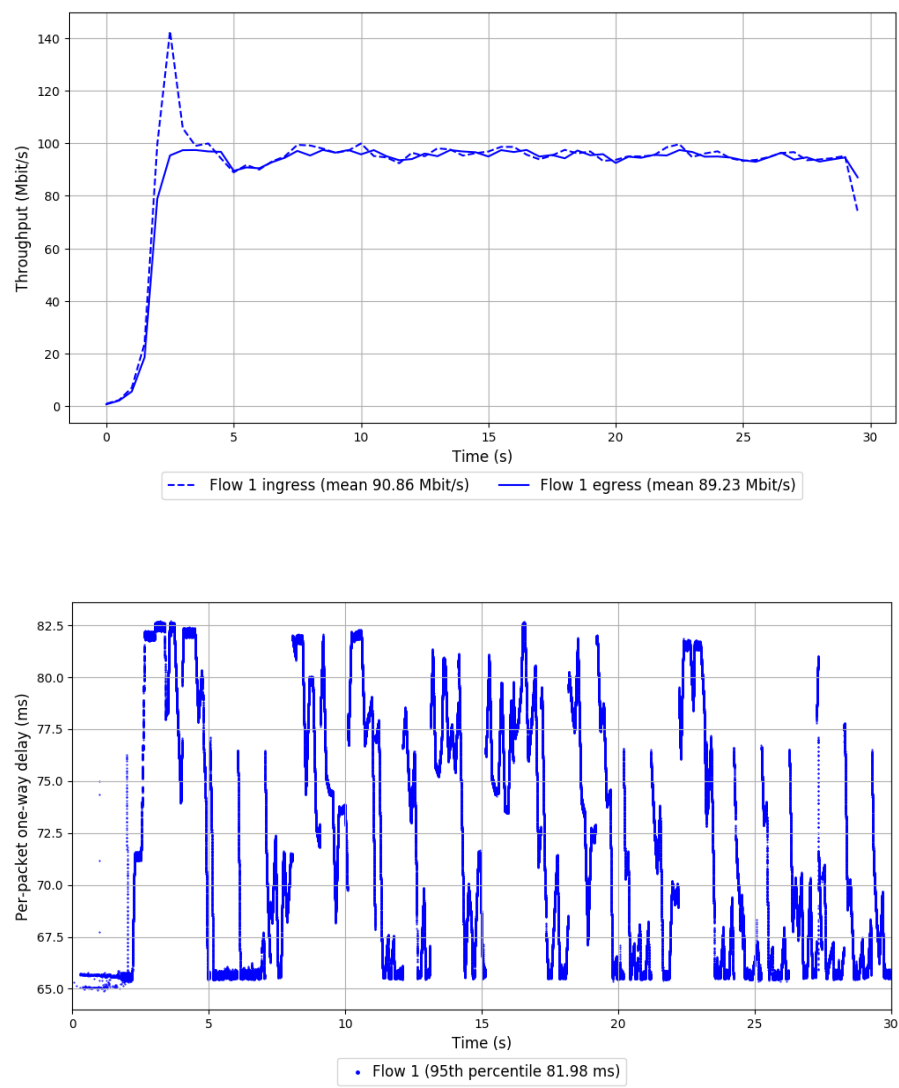


Run 3: Statistics of Vivace-loss

Start at: 2018-02-04 08:46:36
End at: 2018-02-04 08:47:06
Local clock offset: -0.432 ms
Remote clock offset: 10.487 ms

Below is generated by plot.py at 2018-02-04 12:29:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 81.984 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 81.984 ms
Loss rate: 1.80%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-04 09:08:21

End at: 2018-02-04 09:08:51

Local clock offset: -0.775 ms

Remote clock offset: 9.795 ms

Below is generated by plot.py at 2018-02-04 12:29:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.84 Mbit/s

95th percentile per-packet one-way delay: 82.073 ms

Loss rate: 2.21%

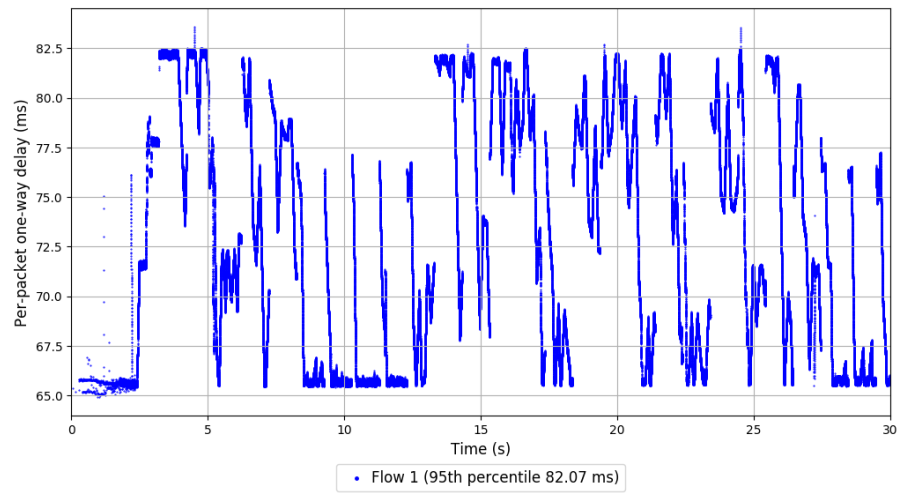
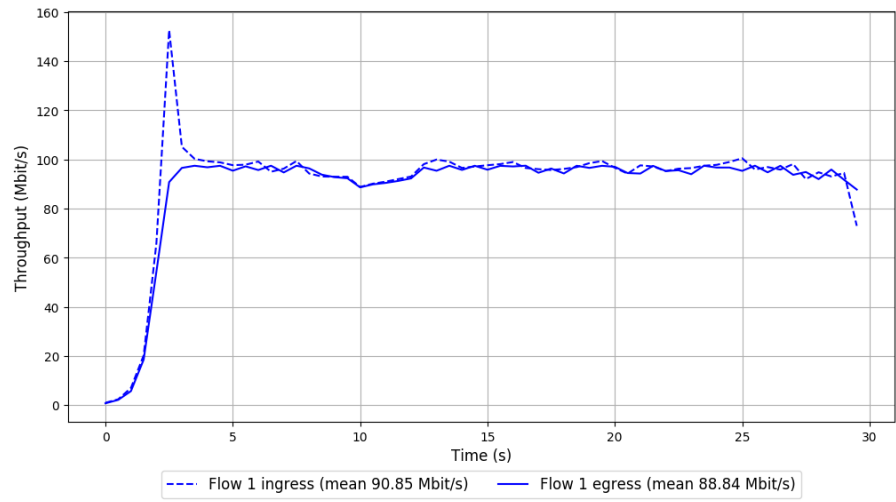
-- Flow 1:

Average throughput: 88.84 Mbit/s

95th percentile per-packet one-way delay: 82.073 ms

Loss rate: 2.21%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-04 09:30:02

End at: 2018-02-04 09:30:32

Local clock offset: -0.936 ms

Remote clock offset: 5.822 ms

Below is generated by plot.py at 2018-02-04 12:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.87 Mbit/s

95th percentile per-packet one-way delay: 81.704 ms

Loss rate: 1.98%

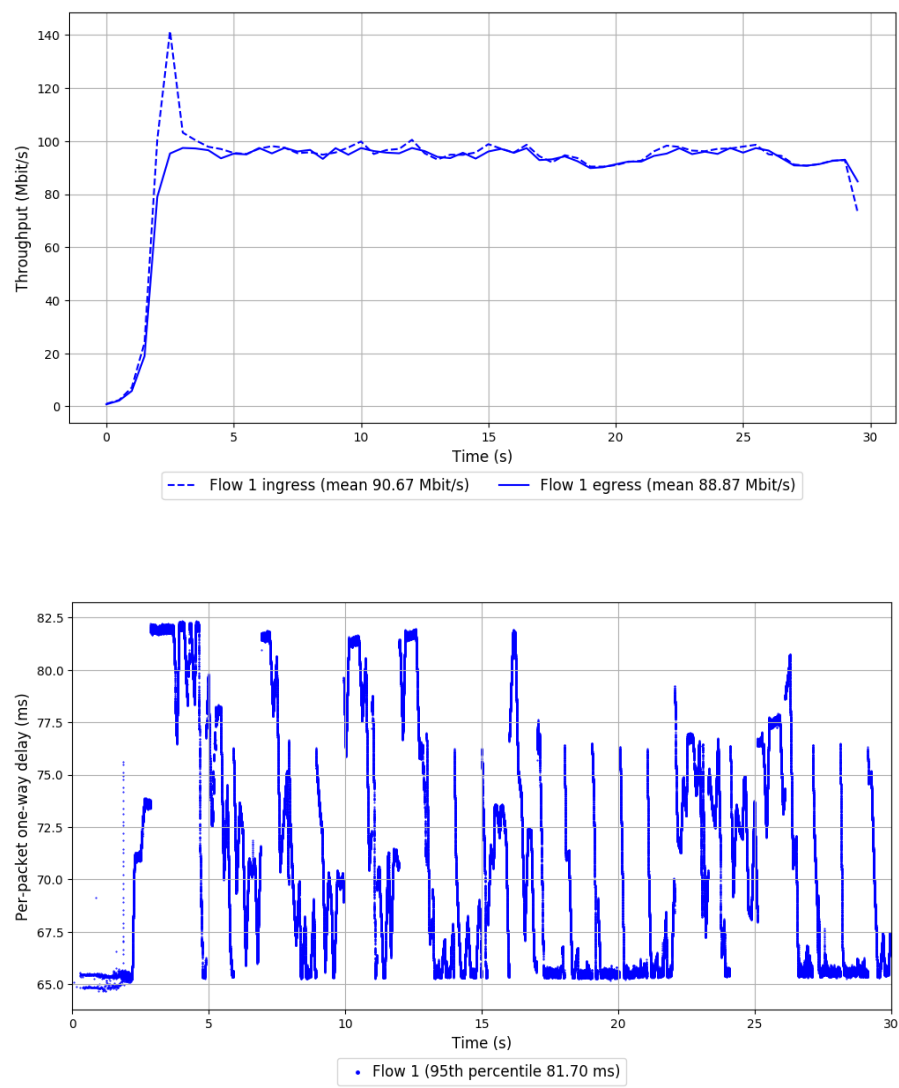
-- Flow 1:

Average throughput: 88.87 Mbit/s

95th percentile per-packet one-way delay: 81.704 ms

Loss rate: 1.98%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-04 09:52:27

End at: 2018-02-04 09:52:57

Local clock offset: -1.223 ms

Remote clock offset: 3.063 ms

Below is generated by plot.py at 2018-02-04 12:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 81.863 ms

Loss rate: 0.75%

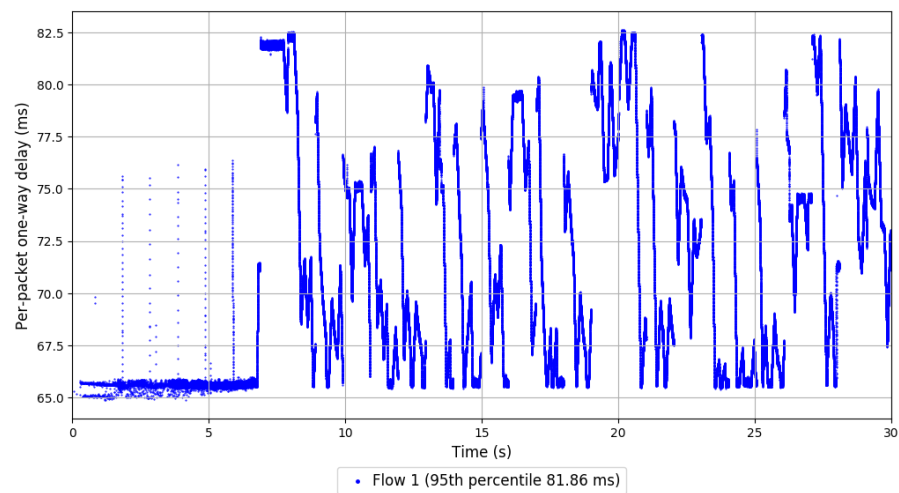
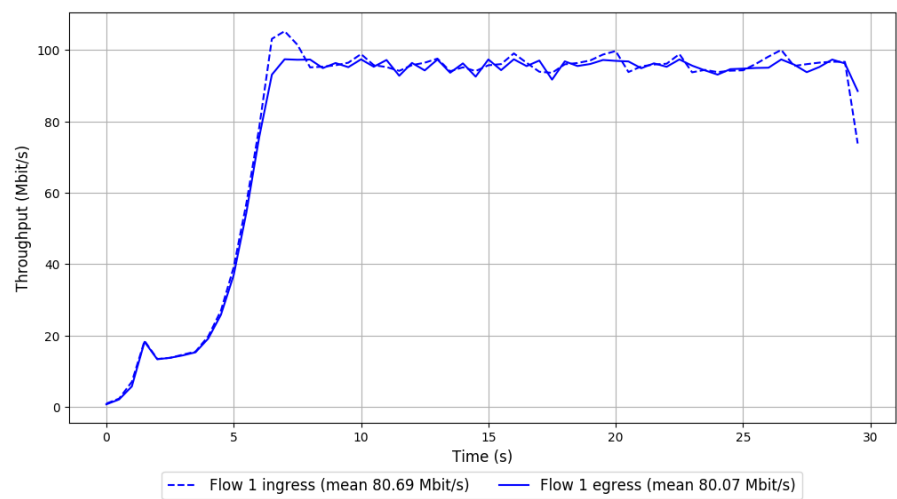
-- Flow 1:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 81.863 ms

Loss rate: 0.75%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-04 10:15:43

End at: 2018-02-04 10:16:13

Local clock offset: -4.031 ms

Remote clock offset: 1.974 ms

Below is generated by plot.py at 2018-02-04 12:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.79 Mbit/s

95th percentile per-packet one-way delay: 84.537 ms

Loss rate: 2.13%

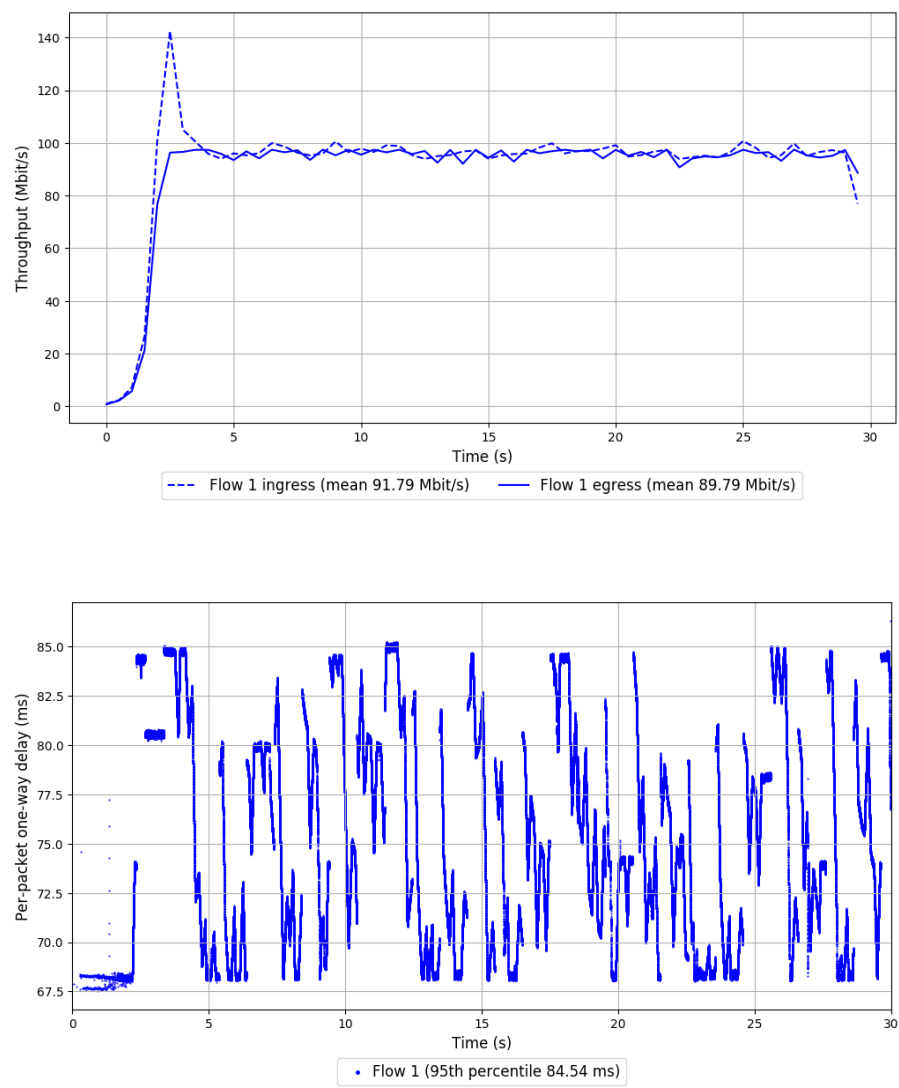
-- Flow 1:

Average throughput: 89.79 Mbit/s

95th percentile per-packet one-way delay: 84.537 ms

Loss rate: 2.13%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-04 10:37:56

End at: 2018-02-04 10:38:26

Local clock offset: -1.559 ms

Remote clock offset: 1.654 ms

Below is generated by plot.py at 2018-02-04 12:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.60 Mbit/s

95th percentile per-packet one-way delay: 80.725 ms

Loss rate: 0.53%

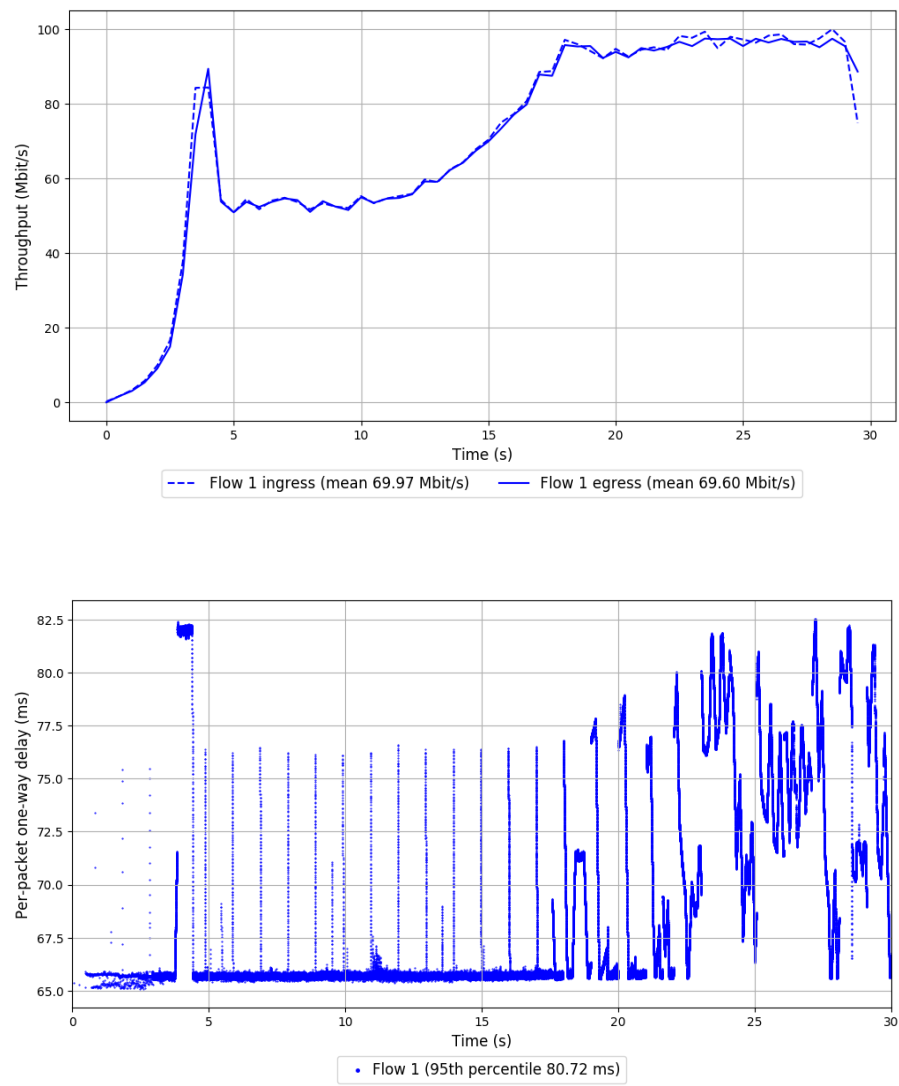
-- Flow 1:

Average throughput: 69.60 Mbit/s

95th percentile per-packet one-way delay: 80.725 ms

Loss rate: 0.53%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-04 11:08:52

End at: 2018-02-04 11:09:22

Local clock offset: -1.09 ms

Remote clock offset: 0.972 ms

Below is generated by plot.py at 2018-02-04 12:31:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.18 Mbit/s

95th percentile per-packet one-way delay: 81.205 ms

Loss rate: 2.35%

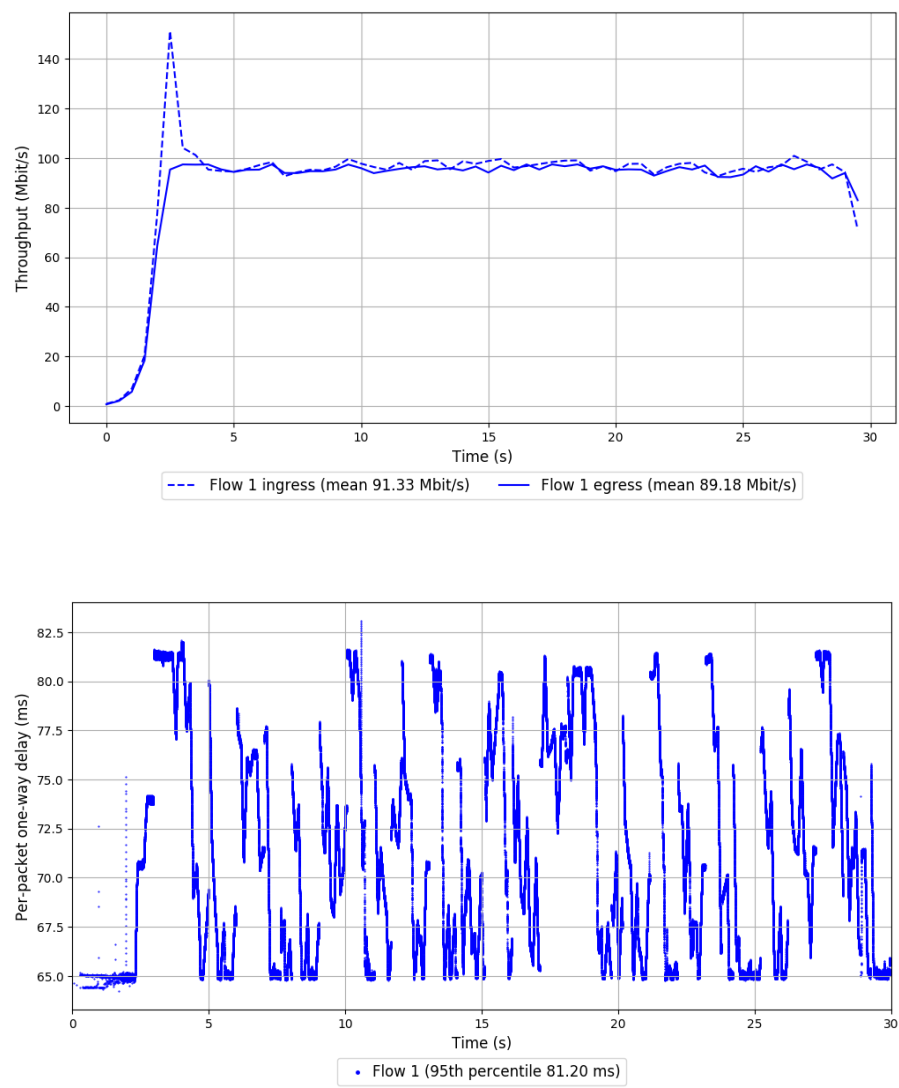
-- Flow 1:

Average throughput: 89.18 Mbit/s

95th percentile per-packet one-way delay: 81.205 ms

Loss rate: 2.35%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-04 11:30:29

End at: 2018-02-04 11:30:59

Local clock offset: -1.334 ms

Remote clock offset: 0.306 ms

Below is generated by plot.py at 2018-02-04 12:31:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 65.674 ms

Loss rate: 2.49%

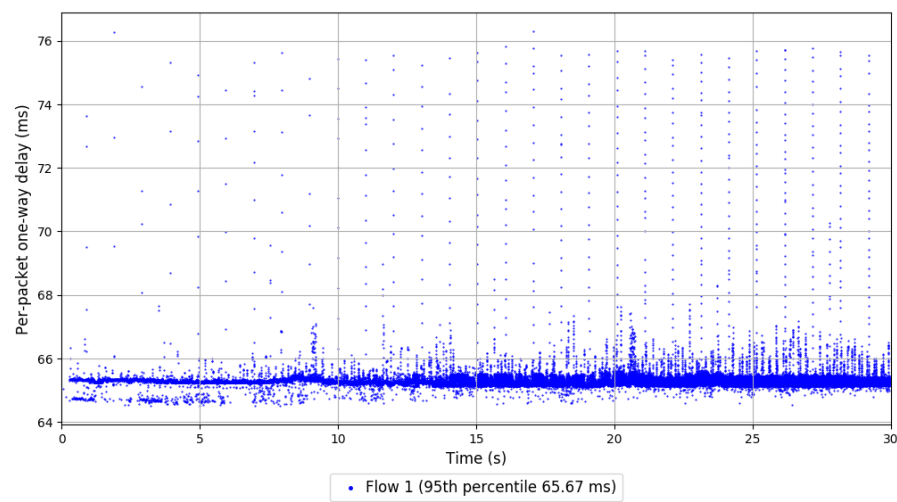
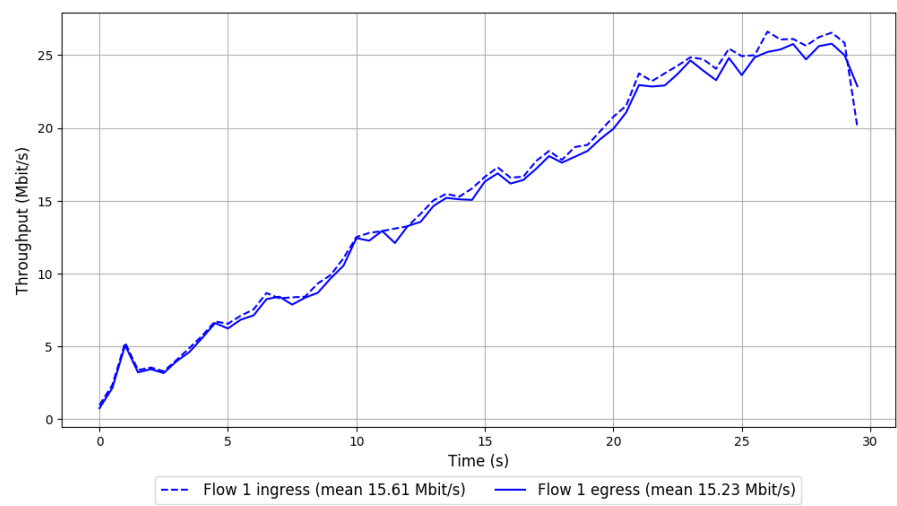
-- Flow 1:

Average throughput: 15.23 Mbit/s

95th percentile per-packet one-way delay: 65.674 ms

Loss rate: 2.49%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-04 08:20:11

End at: 2018-02-04 08:20:41

Local clock offset: 0.506 ms

Remote clock offset: 10.762 ms

Below is generated by plot.py at 2018-02-04 12:31:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.81 Mbit/s

95th percentile per-packet one-way delay: 79.645 ms

Loss rate: 1.42%

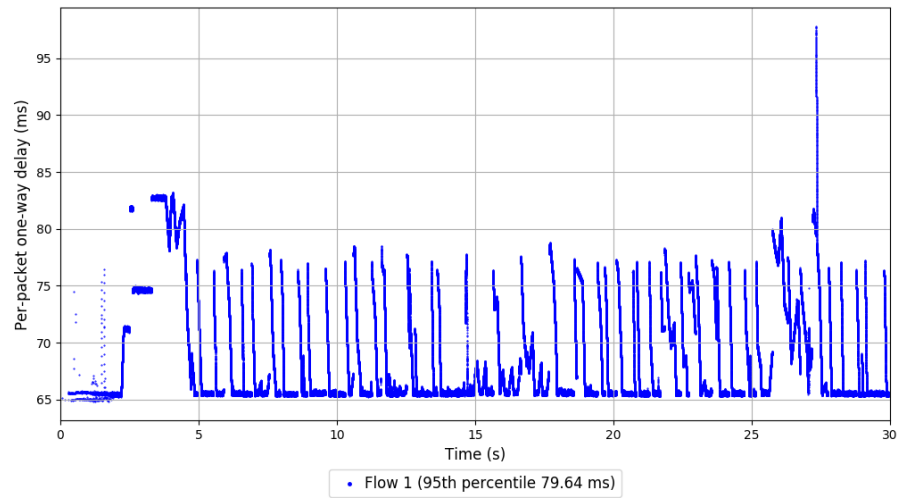
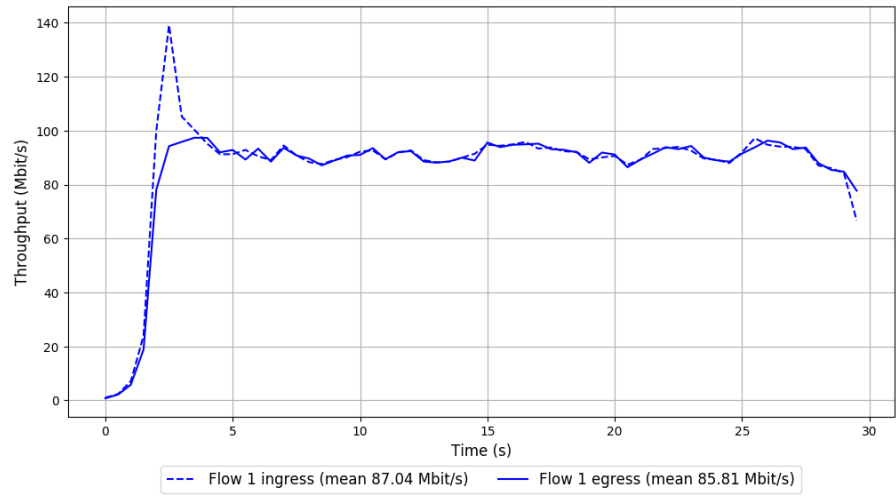
-- Flow 1:

Average throughput: 85.81 Mbit/s

95th percentile per-packet one-way delay: 79.645 ms

Loss rate: 1.42%

Run 1: Report of Vivace-LTE — Data Link

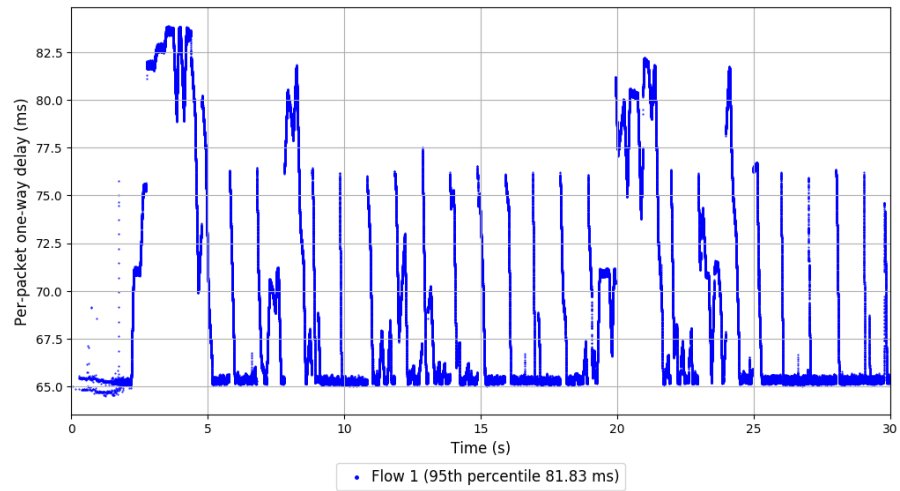
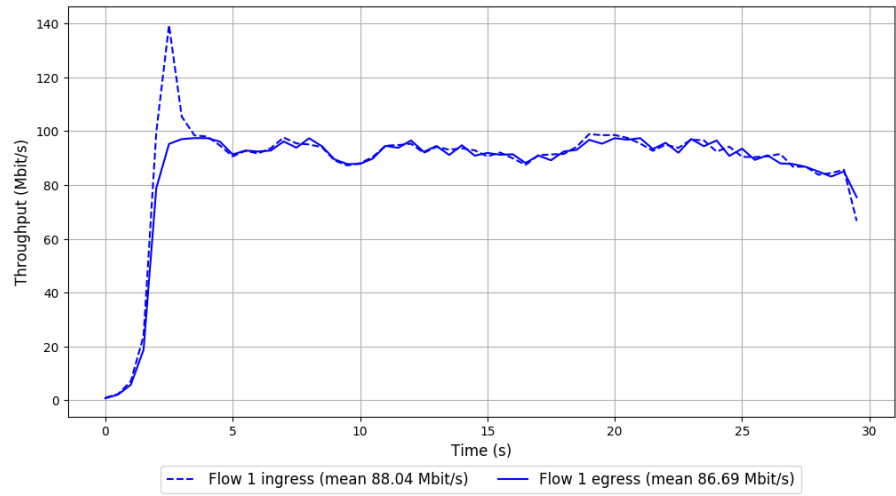


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-04 08:41:51
End at: 2018-02-04 08:42:21
Local clock offset: 0.047 ms
Remote clock offset: 10.692 ms

Below is generated by plot.py at 2018-02-04 12:31:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 81.835 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 81.835 ms
Loss rate: 1.53%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-04 09:03:36

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

Local clock offset: -0.936 ms

Remote clock offset: 10.22 ms

Below is generated by plot.py at 2018-02-04 12:31:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.74 Mbit/s

95th percentile per-packet one-way delay: 81.431 ms

Loss rate: 1.34%

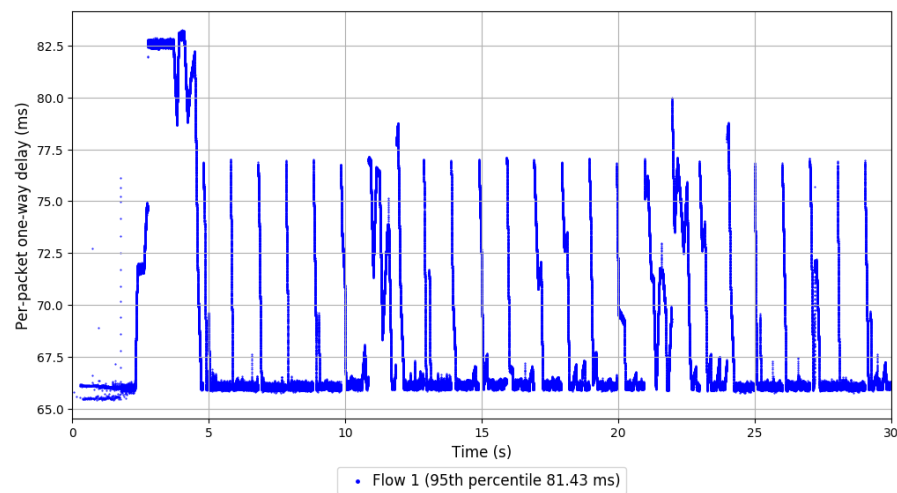
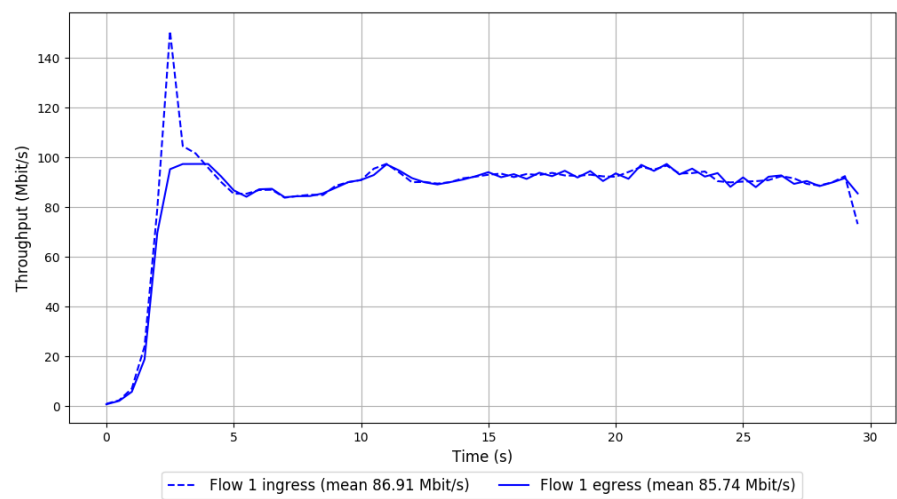
-- Flow 1:

Average throughput: 85.74 Mbit/s

95th percentile per-packet one-way delay: 81.431 ms

Loss rate: 1.34%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-04 09:25:17

End at: 2018-02-04 09:25:47

Local clock offset: -0.52 ms

Remote clock offset: 6.73 ms

Below is generated by plot.py at 2018-02-04 12:31:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.68 Mbit/s

95th percentile per-packet one-way delay: 79.649 ms

Loss rate: 1.78%

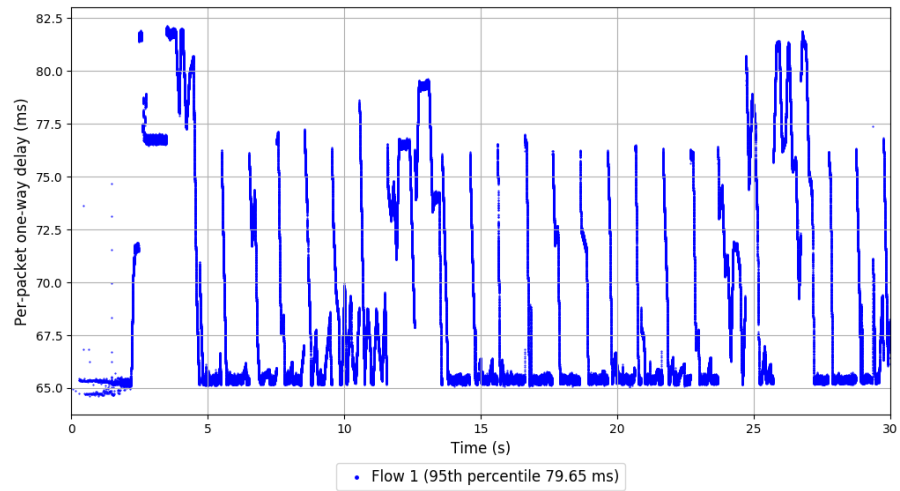
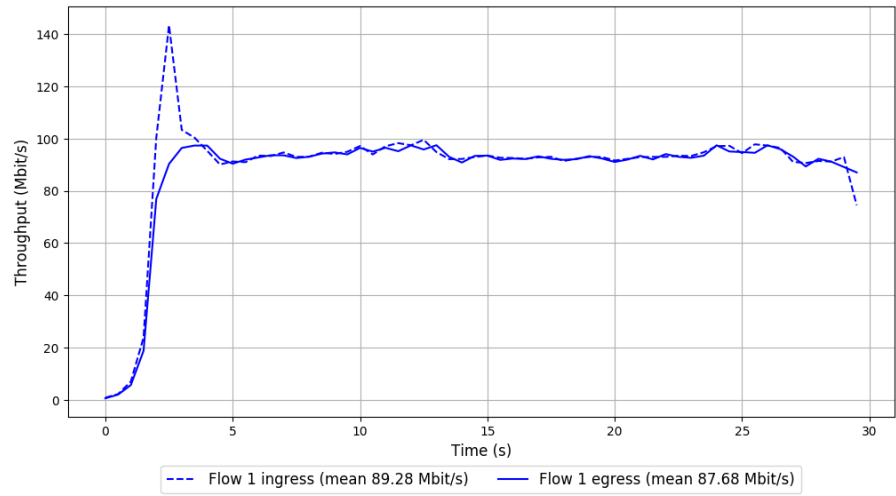
-- Flow 1:

Average throughput: 87.68 Mbit/s

95th percentile per-packet one-way delay: 79.649 ms

Loss rate: 1.78%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-04 09:47:43

End at: 2018-02-04 09:48:13

Local clock offset: -1.351 ms

Remote clock offset: 3.462 ms

Below is generated by plot.py at 2018-02-04 12:31:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.30 Mbit/s

95th percentile per-packet one-way delay: 81.013 ms

Loss rate: 1.55%

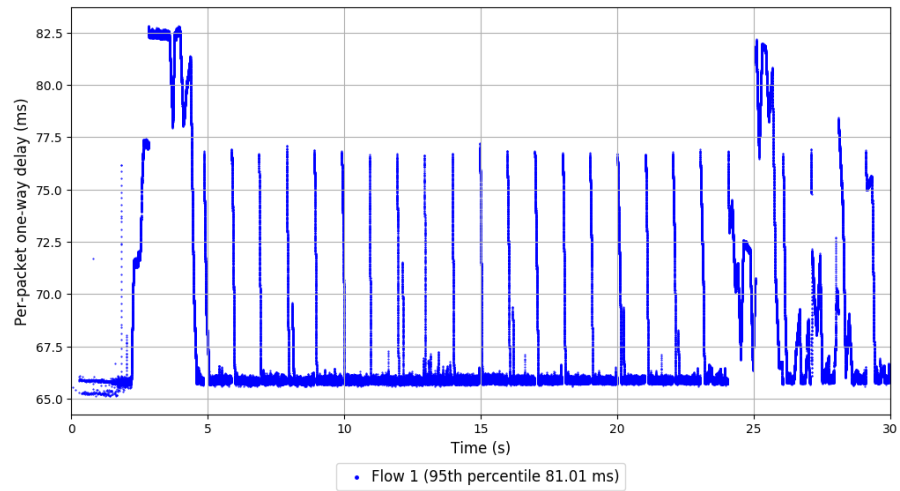
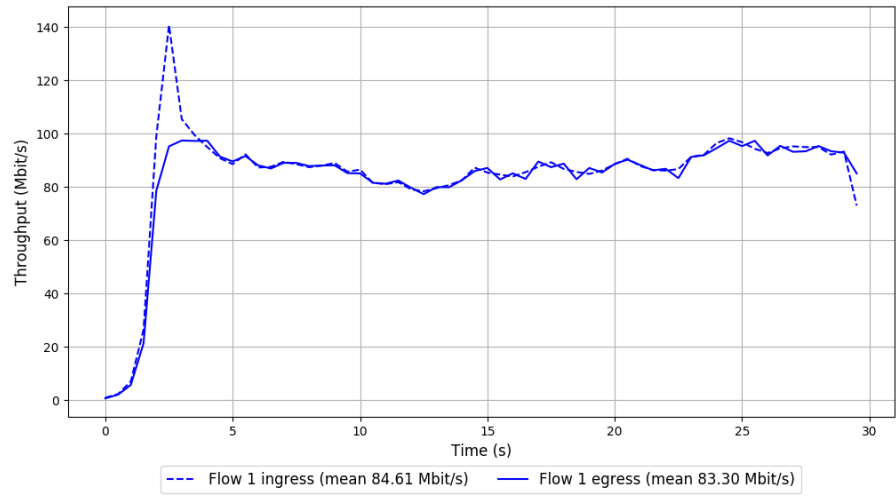
-- Flow 1:

Average throughput: 83.30 Mbit/s

95th percentile per-packet one-way delay: 81.013 ms

Loss rate: 1.55%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-04 10:11:00

End at: 2018-02-04 10:11:30

Local clock offset: -1.176 ms

Remote clock offset: 2.064 ms

Below is generated by plot.py at 2018-02-04 12:31:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.52 Mbit/s

95th percentile per-packet one-way delay: 77.377 ms

Loss rate: 1.58%

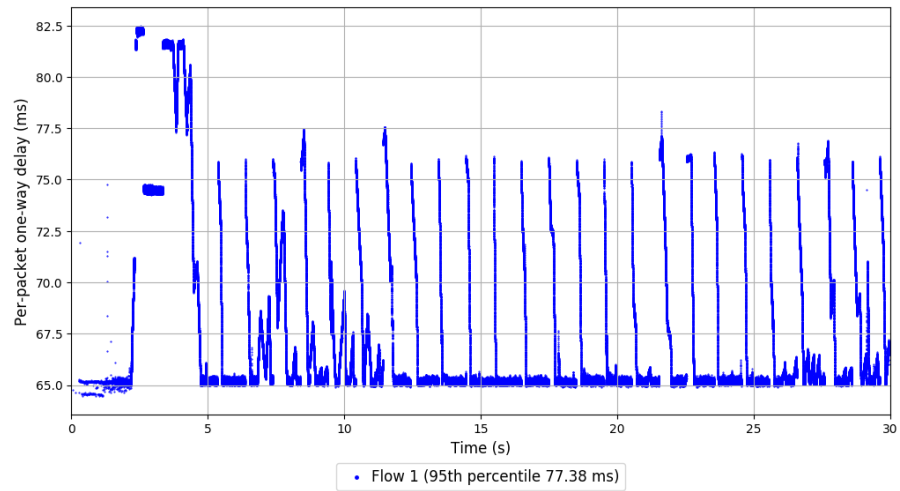
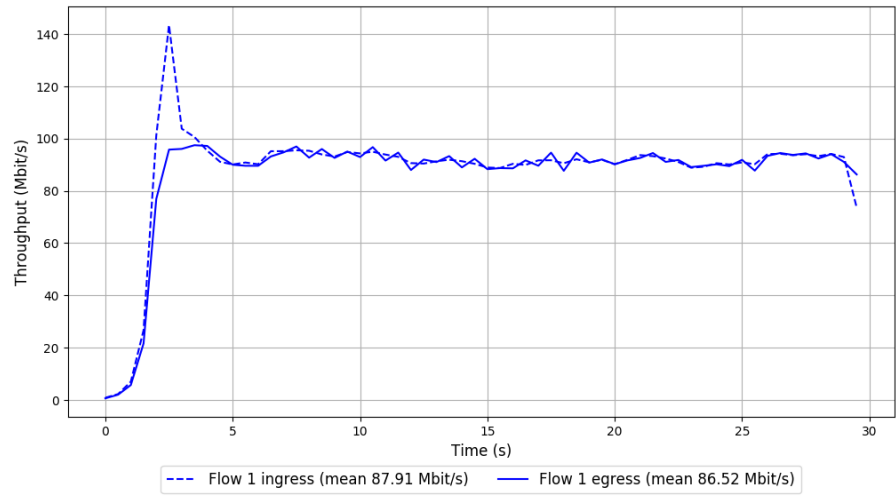
-- Flow 1:

Average throughput: 86.52 Mbit/s

95th percentile per-packet one-way delay: 77.377 ms

Loss rate: 1.58%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-04 10:32:38

End at: 2018-02-04 10:33:08

Local clock offset: -1.337 ms

Remote clock offset: 1.749 ms

Below is generated by plot.py at 2018-02-04 12:31:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.09 Mbit/s

95th percentile per-packet one-way delay: 80.741 ms

Loss rate: 1.98%

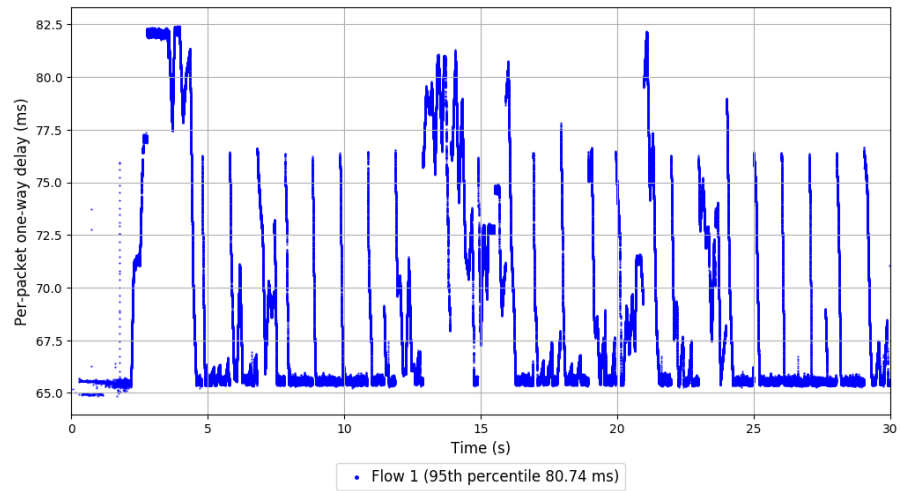
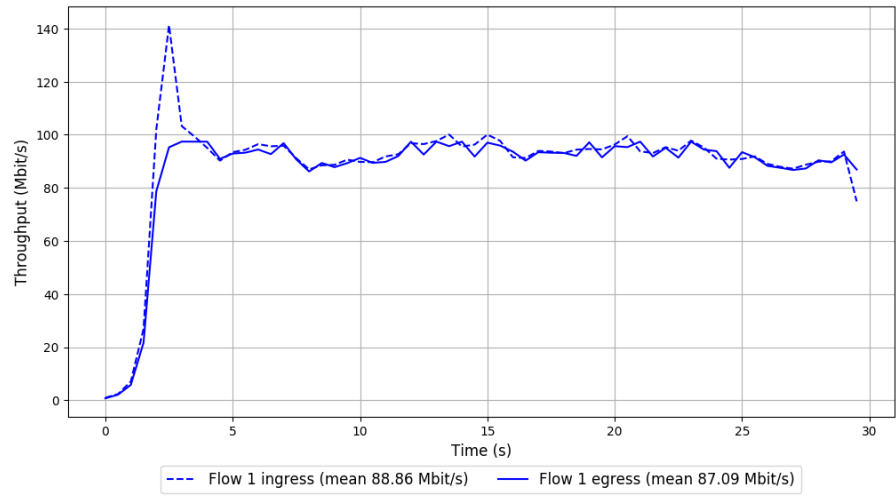
-- Flow 1:

Average throughput: 87.09 Mbit/s

95th percentile per-packet one-way delay: 80.741 ms

Loss rate: 1.98%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-04 11:04:09

End at: 2018-02-04 11:04:39

Local clock offset: -1.915 ms

Remote clock offset: 1.016 ms

Below is generated by plot.py at 2018-02-04 12:31:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 81.852 ms

Loss rate: 1.80%

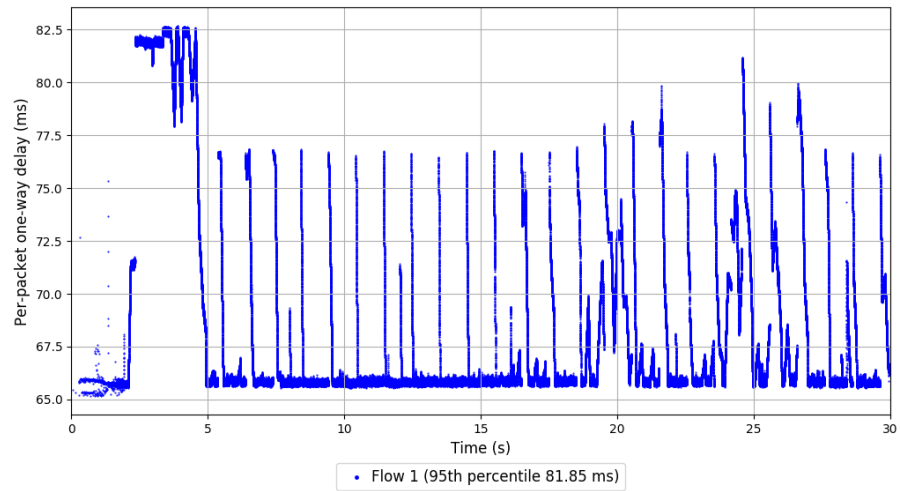
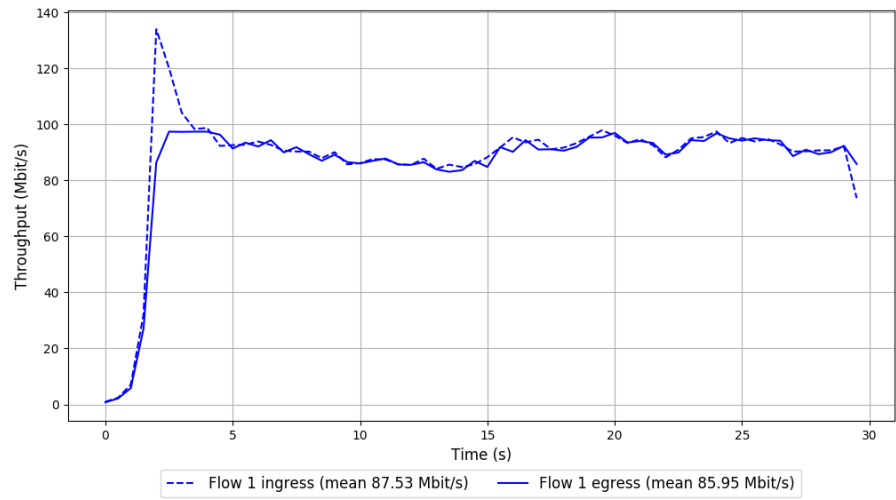
-- Flow 1:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 81.852 ms

Loss rate: 1.80%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-04 11:25:47

End at: 2018-02-04 11:26:17

Local clock offset: -1.245 ms

Remote clock offset: 0.685 ms

Below is generated by plot.py at 2018-02-04 12:31:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.03 Mbit/s

95th percentile per-packet one-way delay: 78.048 ms

Loss rate: 3.37%

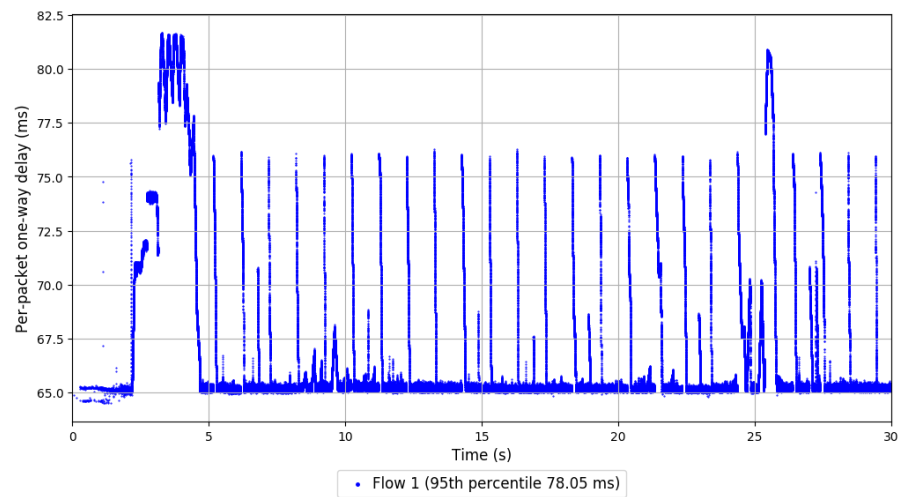
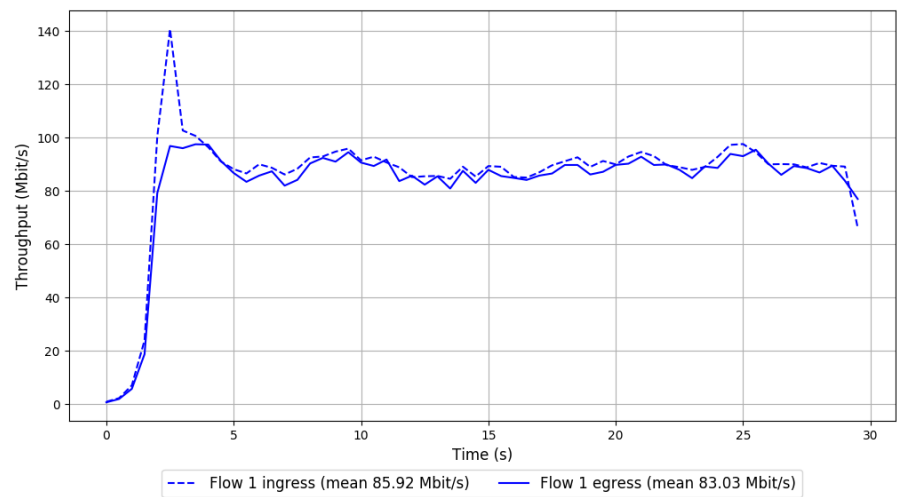
-- Flow 1:

Average throughput: 83.03 Mbit/s

95th percentile per-packet one-way delay: 78.048 ms

Loss rate: 3.37%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-04 11:47:21
End at: 2018-02-04 11:47:51
Local clock offset: -1.579 ms
Remote clock offset: -0.346 ms

Below is generated by plot.py at 2018-02-04 12:31:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 66.091 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 10.30 Mbit/s
95th percentile per-packet one-way delay: 66.091 ms
Loss rate: 2.97%

Run 10: Report of Vivace-LTE — Data Link

