

Pantheon Report

Generated at 2018-01-09 01:46:32 (UTC).

Data path: AWS Brazil 1 Ethernet (*local*) → Brazil Ethernet (*remote*).

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

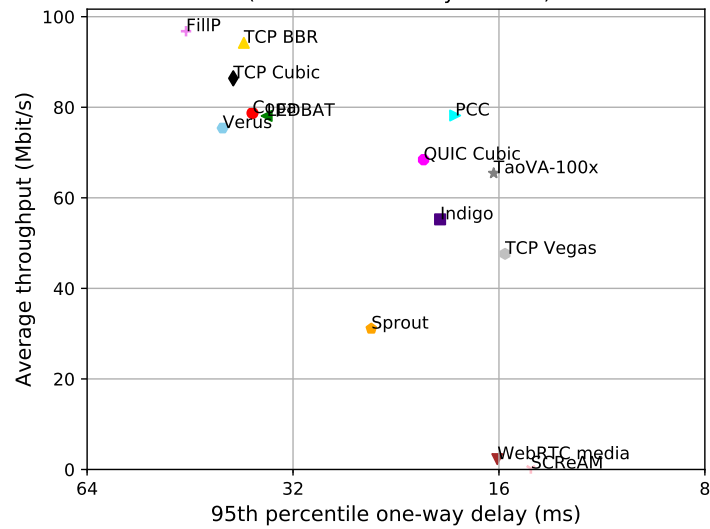
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

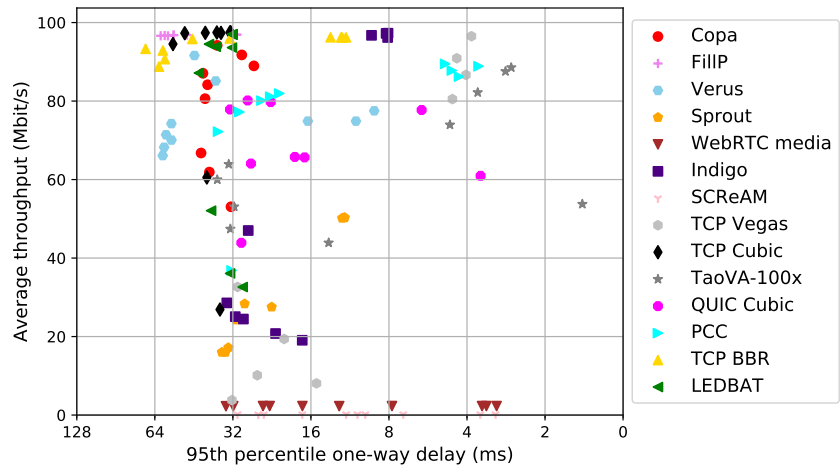
Git summary:

```
branch: master @ 56d1792c316a5efca3f2d21342905405fedffb48
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil 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	94.23	37.76	2.69
TCP Cubic	10	86.39	39.13	0.04
LEDBAT	10	78.09	34.97	0.04
PCC	10	78.18	18.54	0.15
QUIC Cubic	9	68.42	20.62	0.02
SCReAM	10	0.21	14.37	0.00
WebRTC media	10	2.28	16.09	0.01
Sprout	9	31.12	24.59	0.03
TaoVA-100x	10	65.43	16.29	0.02
TCP Vegas	9	47.62	15.67	0.05
Verus	10	75.41	40.56	21.99
Copa	9	78.72	36.68	0.05
FillP	10	96.80	45.87	13.81
Indigo	10	55.24	19.51	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-01-08 21:46:46

End at: 2018-01-08 21:47:16

Local clock offset: 0.935 ms

Remote clock offset: 0.277 ms

Below is generated by plot.py at 2018-01-09 01:14:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 12.230 ms

Loss rate: 0.00%

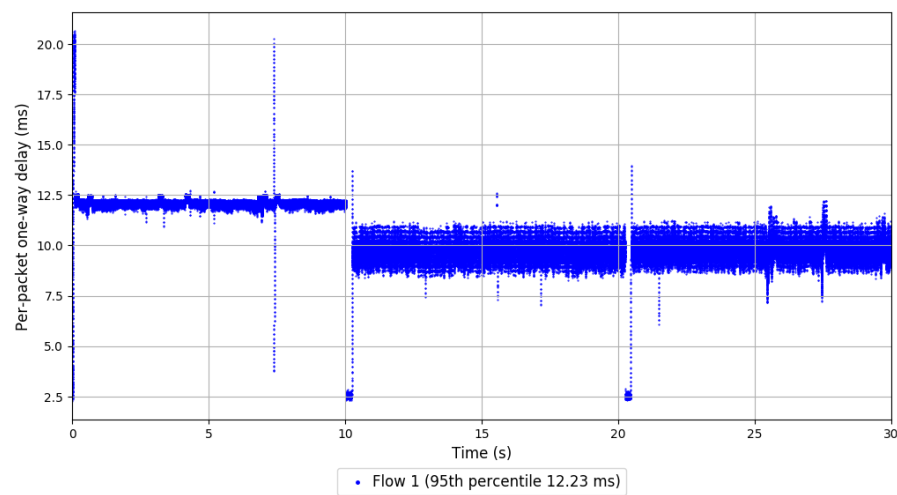
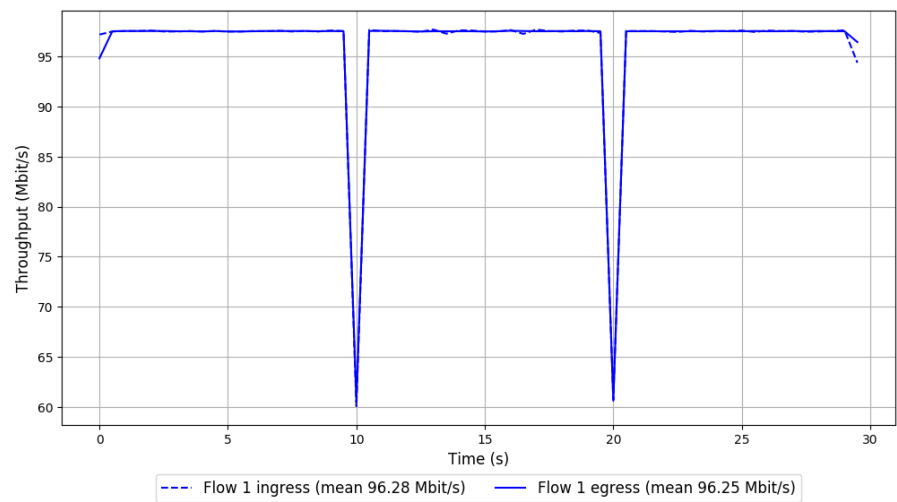
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 12.230 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-08 22:03:42

End at: 2018-01-08 22:04:12

Local clock offset: 0.886 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-01-09 01:14:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 11.712 ms

Loss rate: 0.00%

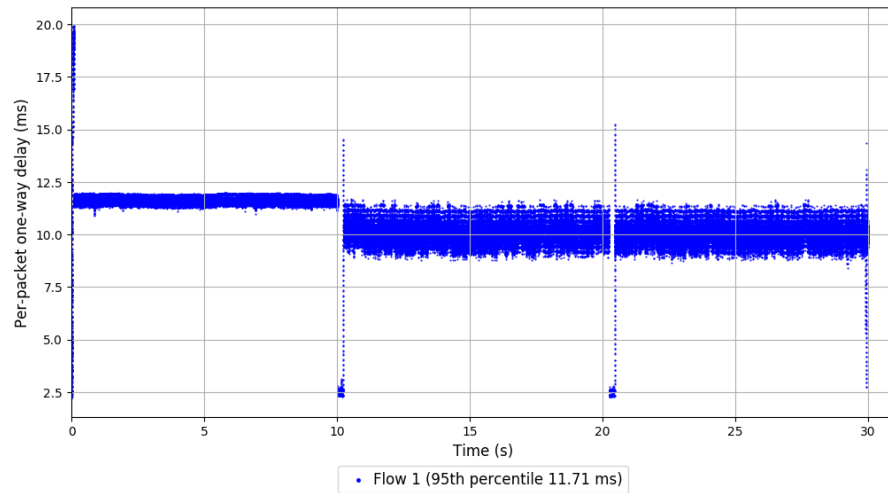
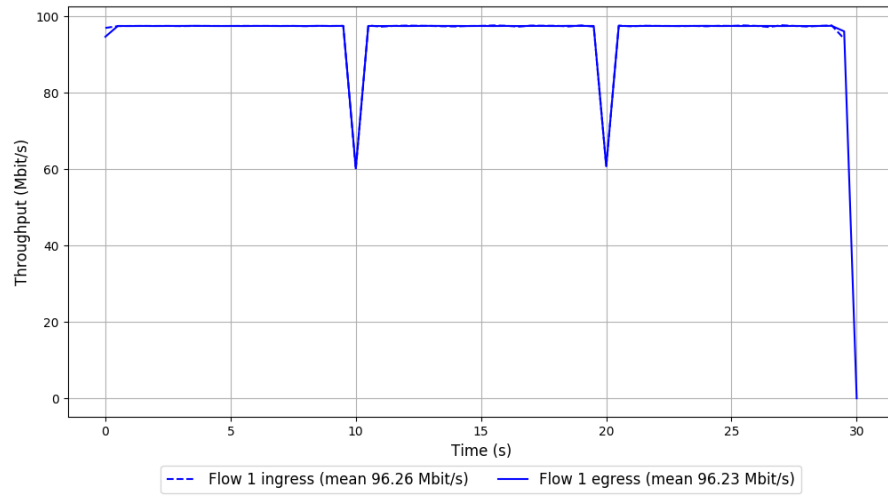
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 11.712 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

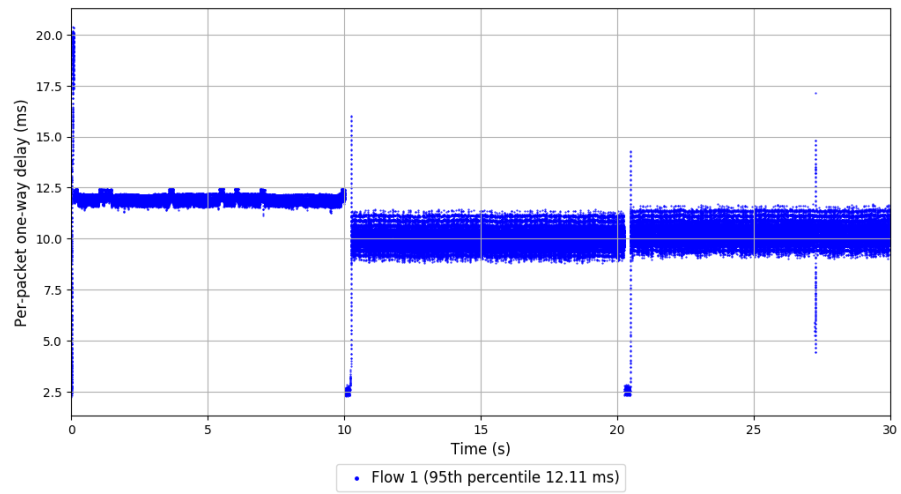
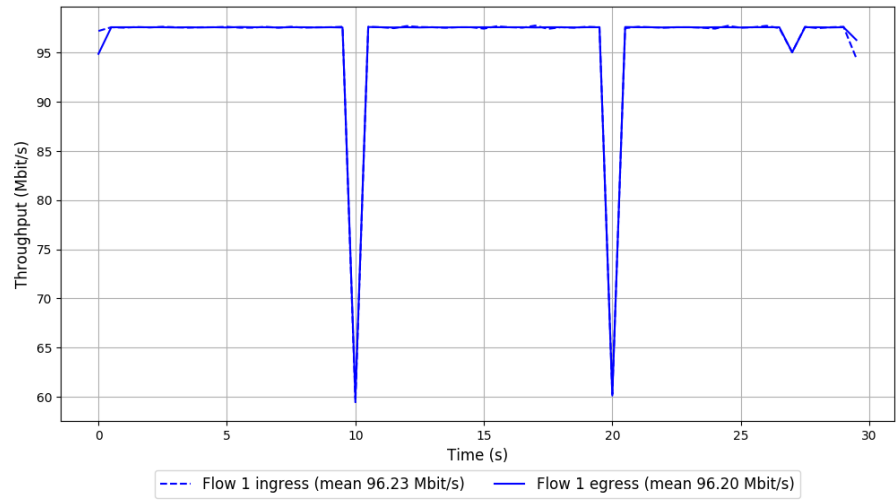


Run 3: Statistics of TCP BBR

Start at: 2018-01-08 22:20:40
End at: 2018-01-08 22:21:10
Local clock offset: 0.885 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-01-09 01:14:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 12.111 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 12.111 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

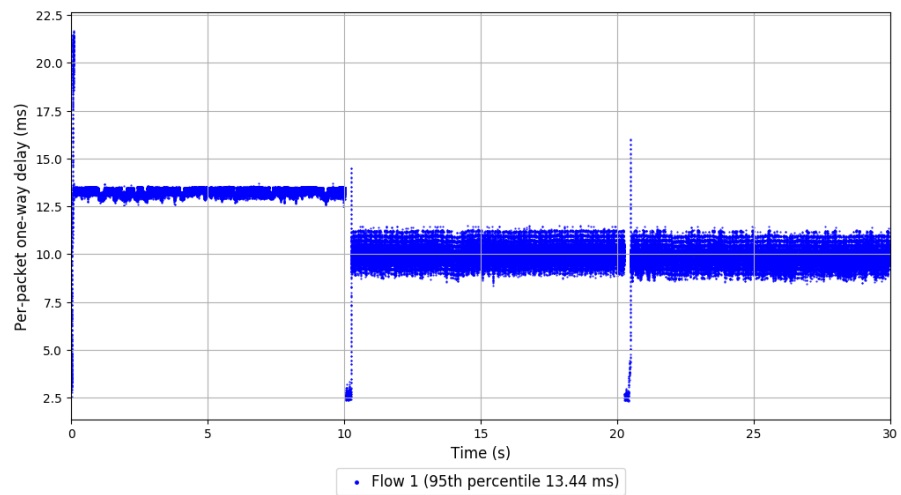
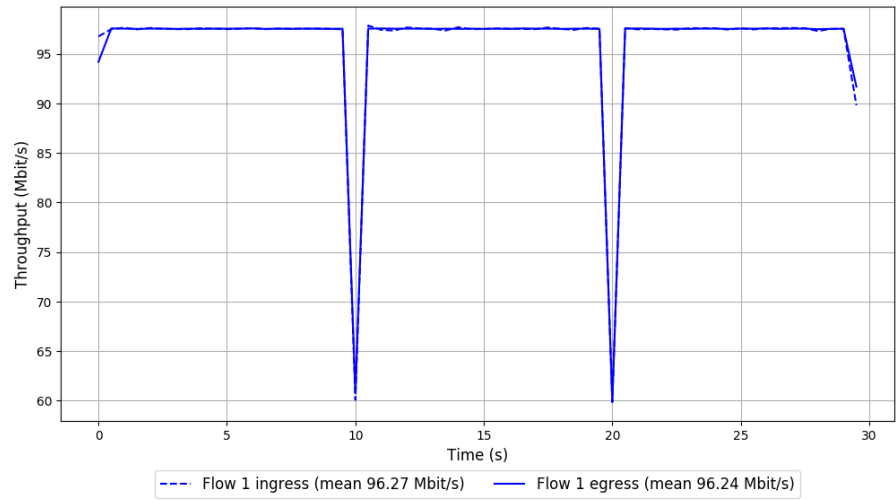


Run 4: Statistics of TCP BBR

Start at: 2018-01-08 22:37:37
End at: 2018-01-08 22:38:07
Local clock offset: 0.881 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-01-09 01:14:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 13.441 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 13.441 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

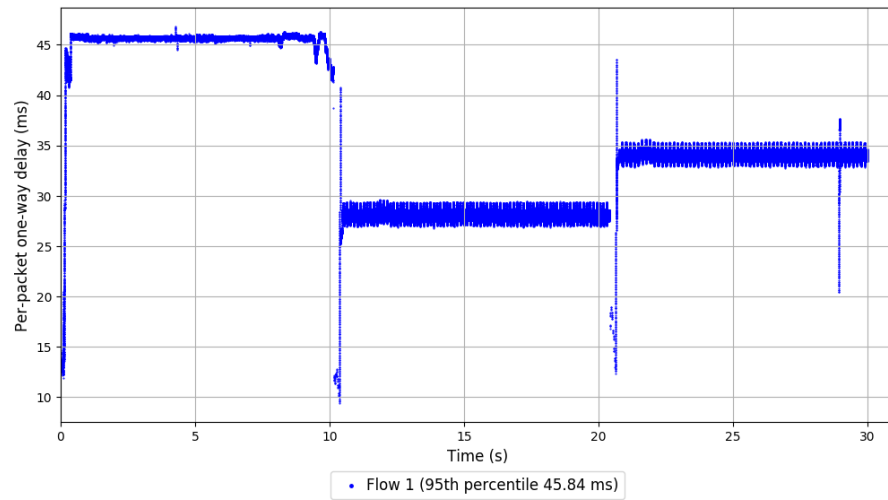
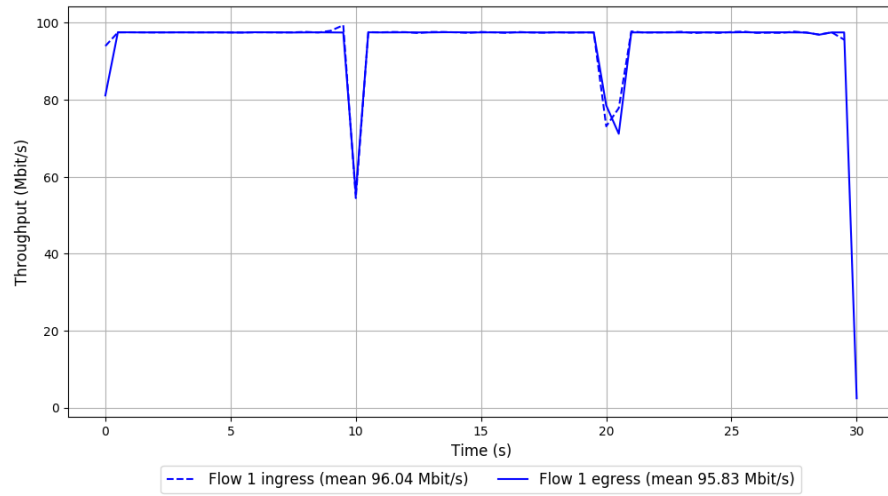


Run 5: Statistics of TCP BBR

Start at: 2018-01-08 22:54:27
End at: 2018-01-08 22:54:57
Local clock offset: 3.956 ms
Remote clock offset: -0.386 ms

Below is generated by plot.py at 2018-01-09 01:14:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.20%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-01-08 23:11:20

End at: 2018-01-08 23:11:50

Local clock offset: 8.381 ms

Remote clock offset: -0.428 ms

Below is generated by plot.py at 2018-01-09 01:14:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.31 Mbit/s

95th percentile per-packet one-way delay: 69.493 ms

Loss rate: 4.70%

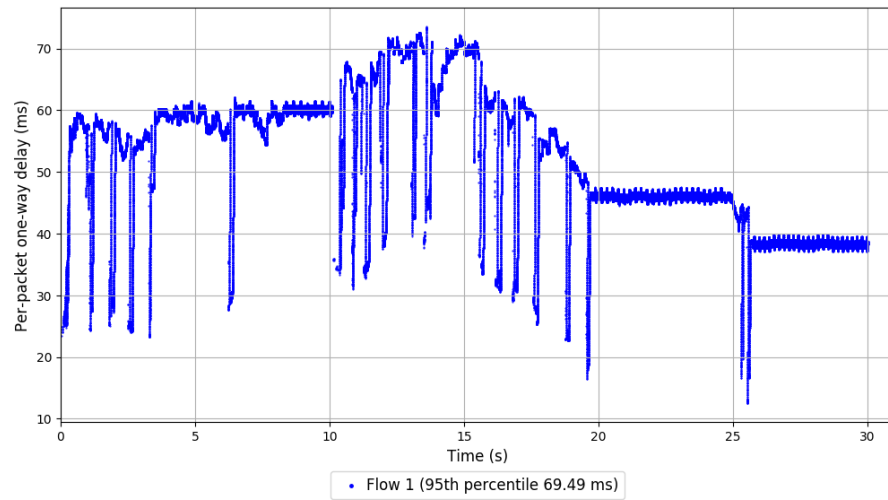
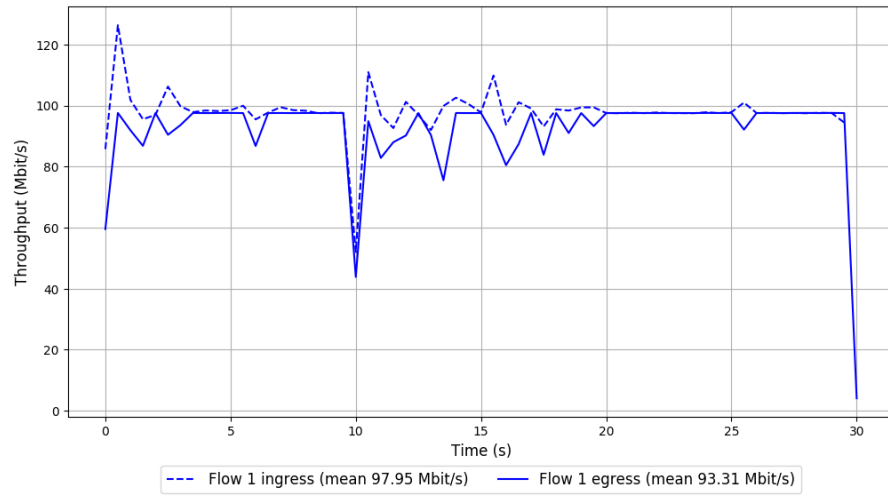
-- Flow 1:

Average throughput: 93.31 Mbit/s

95th percentile per-packet one-way delay: 69.493 ms

Loss rate: 4.70%

Run 6: Report of TCP BBR — Data Link

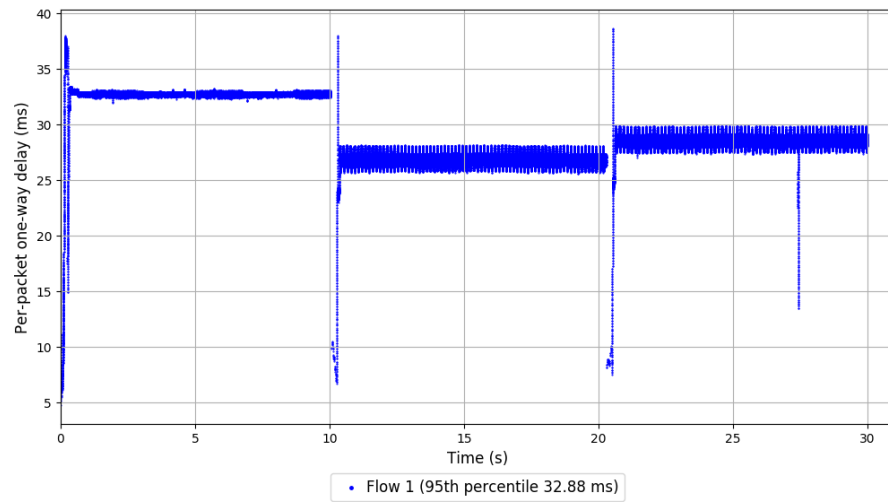
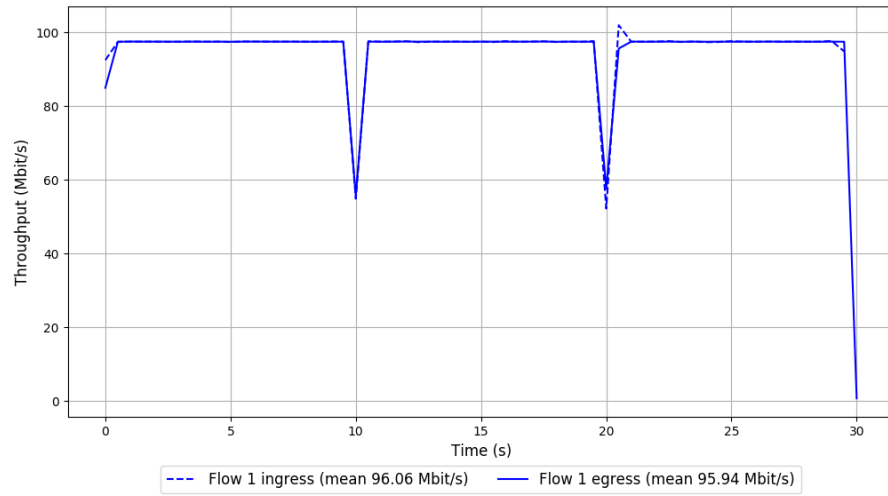


Run 7: Statistics of TCP BBR

Start at: 2018-01-08 23:28:13
End at: 2018-01-08 23:28:43
Local clock offset: 7.856 ms
Remote clock offset: -0.511 ms

Below is generated by plot.py at 2018-01-09 01:14:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 32.878 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 32.878 ms
Loss rate: 0.08%

Run 7: Report of TCP BBR — Data Link

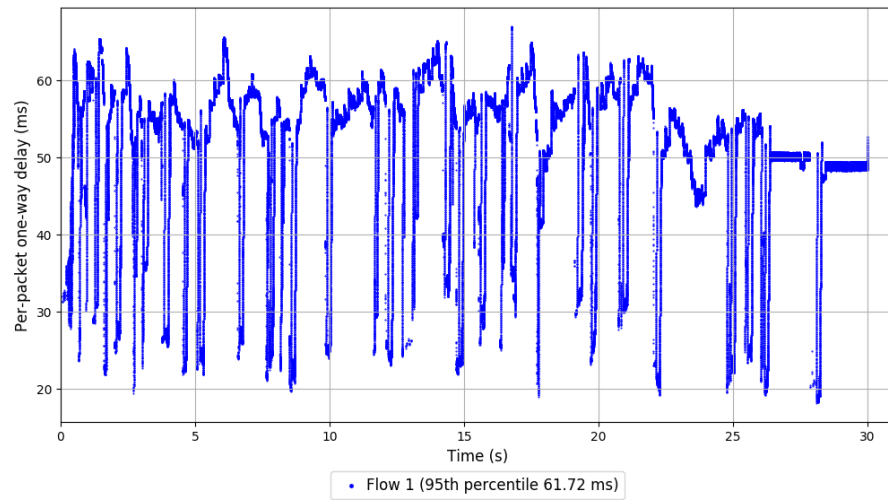
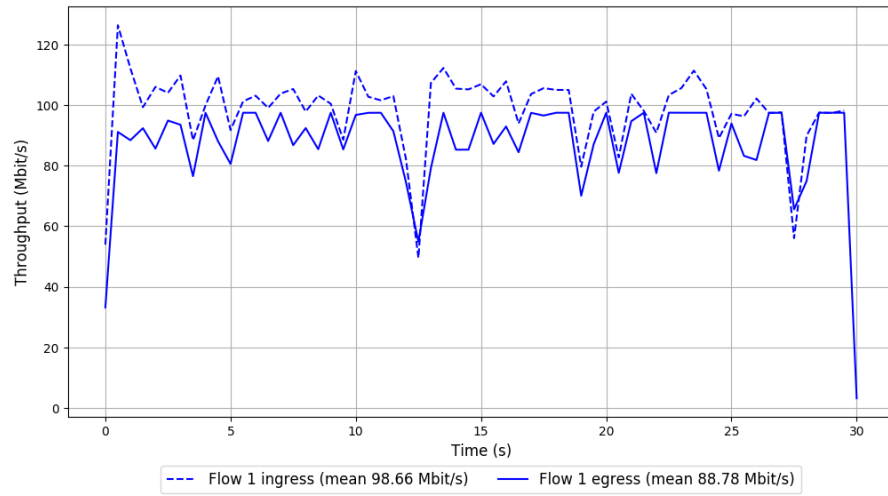


Run 8: Statistics of TCP BBR

Start at: 2018-01-08 23:45:13
End at: 2018-01-08 23:45:43
Local clock offset: 21.306 ms
Remote clock offset: -0.492 ms

Below is generated by plot.py at 2018-01-09 01:14:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 61.716 ms
Loss rate: 10.03%
-- Flow 1:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 61.716 ms
Loss rate: 10.03%

Run 8: Report of TCP BBR — Data Link

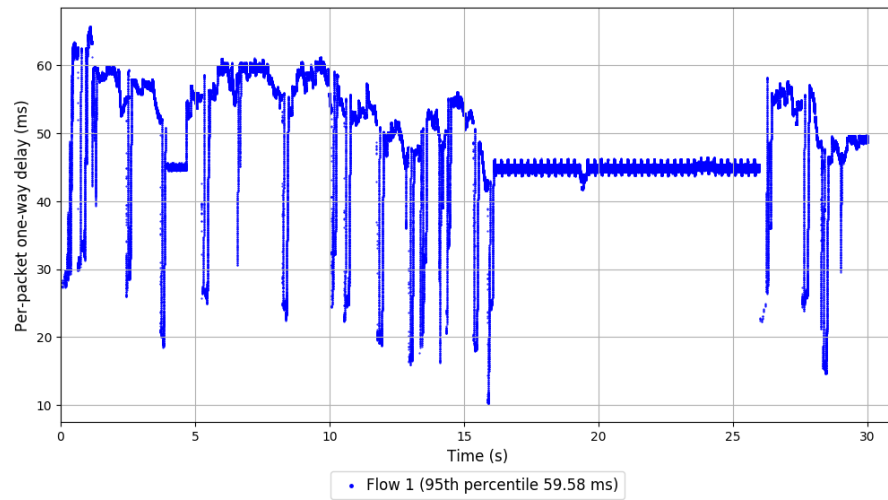
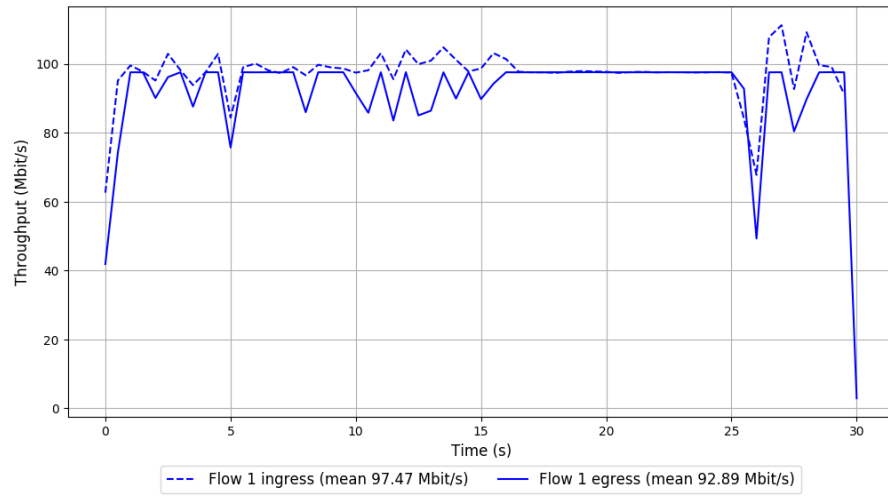


Run 9: Statistics of TCP BBR

Start at: 2018-01-09 00:02:11
End at: 2018-01-09 00:02:41
Local clock offset: 17.911 ms
Remote clock offset: -0.502 ms

Below is generated by plot.py at 2018-01-09 01:17:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 59.580 ms
Loss rate: 4.63%
-- Flow 1:
Average throughput: 92.89 Mbit/s
95th percentile per-packet one-way delay: 59.580 ms
Loss rate: 4.63%

Run 9: Report of TCP BBR — Data Link

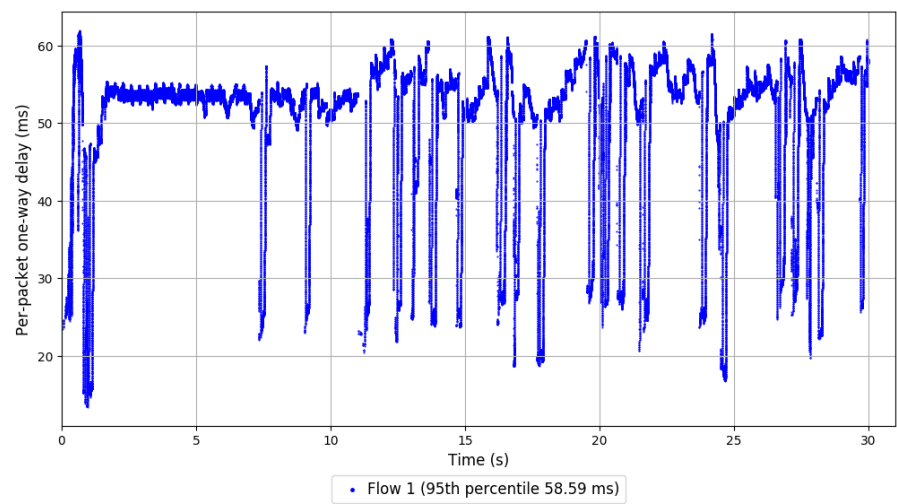
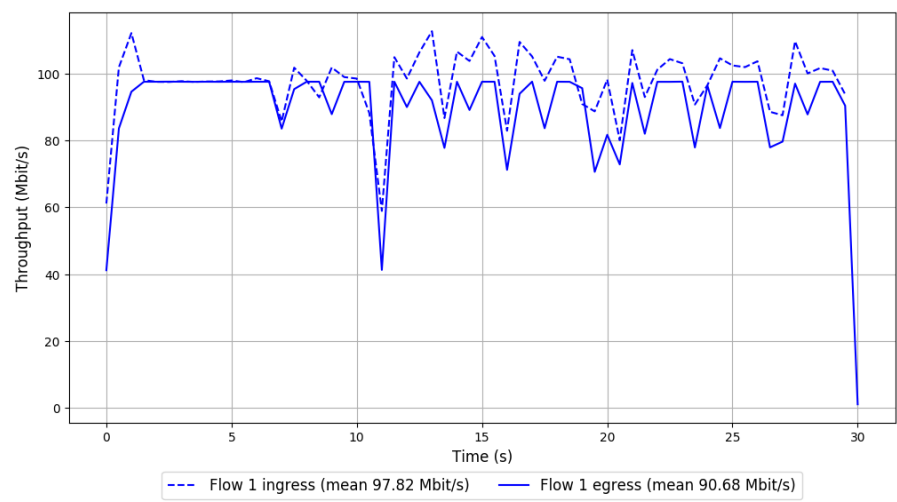


Run 10: Statistics of TCP BBR

Start at: 2018-01-09 00:19:12
End at: 2018-01-09 00:19:42
Local clock offset: 21.753 ms
Remote clock offset: -0.454 ms

Below is generated by plot.py at 2018-01-09 01:17:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 58.589 ms
Loss rate: 7.25%
-- Flow 1:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 58.589 ms
Loss rate: 7.25%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-01-08 21:52:15

End at: 2018-01-08 21:52:45

Local clock offset: 0.908 ms

Remote clock offset: 0.23 ms

Below is generated by plot.py at 2018-01-09 01:17:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.677 ms

Loss rate: 0.01%

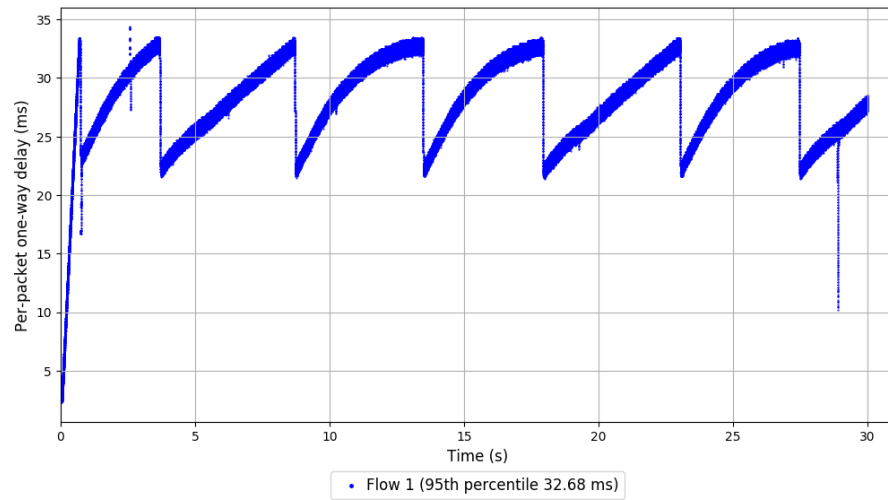
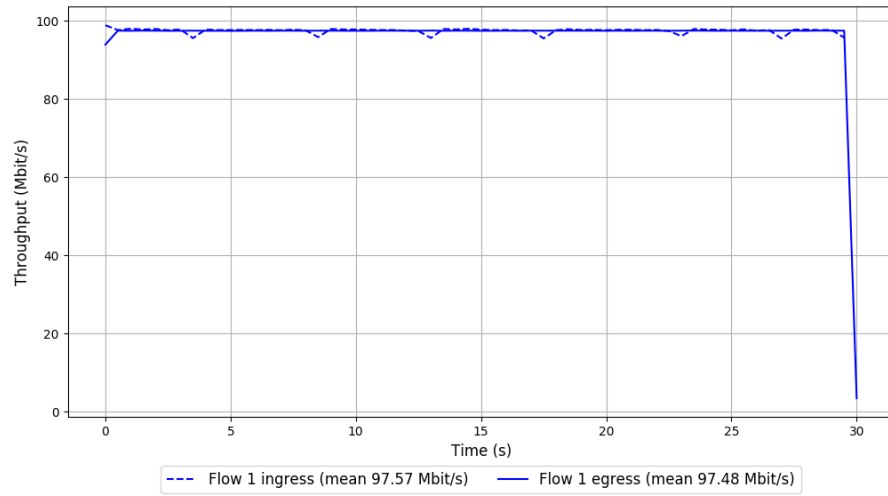
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.677 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link

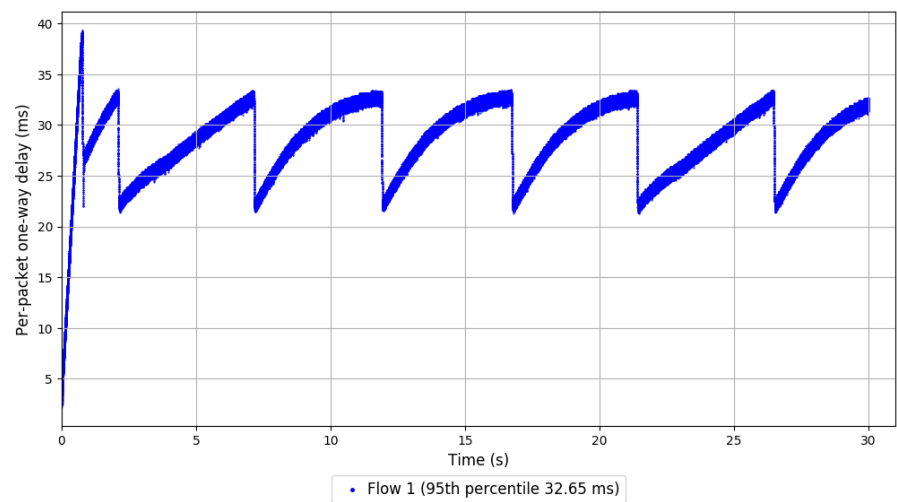
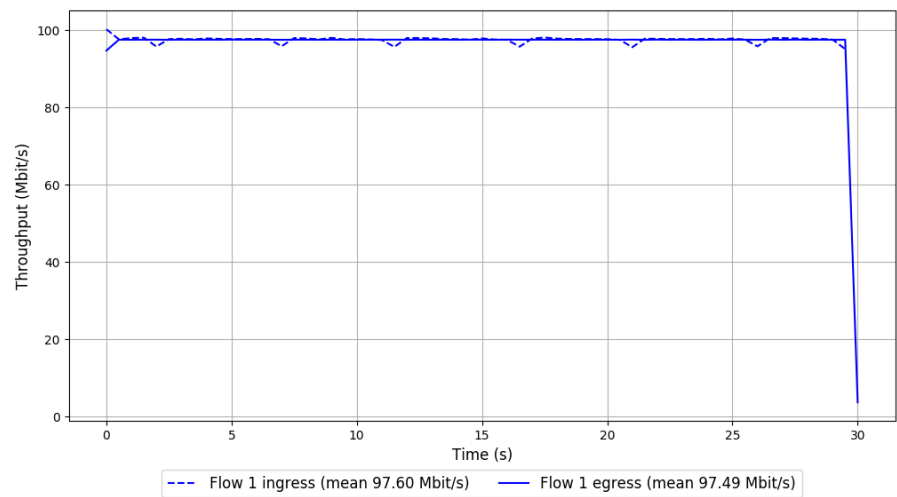


Run 2: Statistics of TCP Cubic

Start at: 2018-01-08 22:09:14
End at: 2018-01-08 22:09:44
Local clock offset: 0.842 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2018-01-09 01:17:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.650 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.650 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link

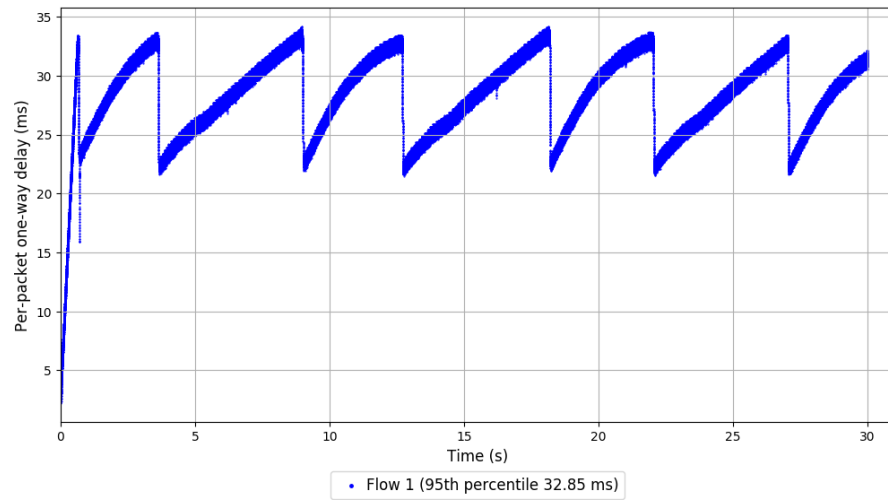
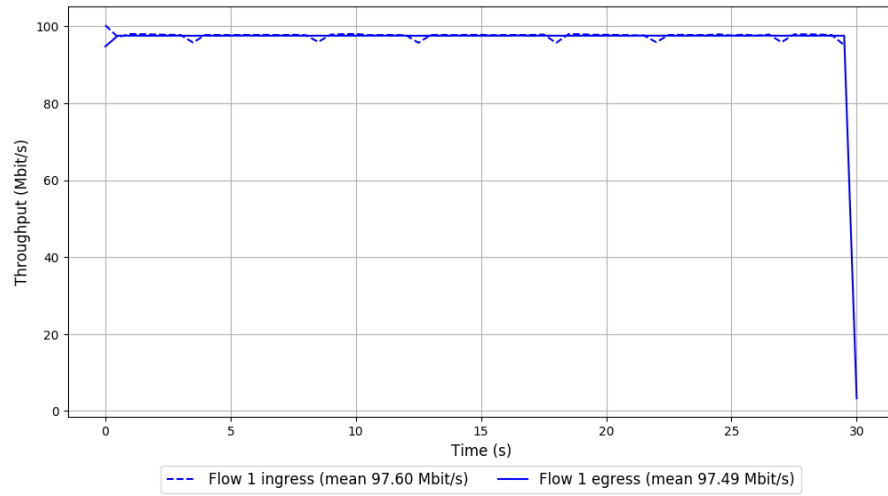


Run 3: Statistics of TCP Cubic

Start at: 2018-01-08 22:26:14
End at: 2018-01-08 22:26:44
Local clock offset: 0.932 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2018-01-09 01:17:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.854 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.854 ms
Loss rate: 0.02%

Run 3: Report of TCP Cubic — Data Link

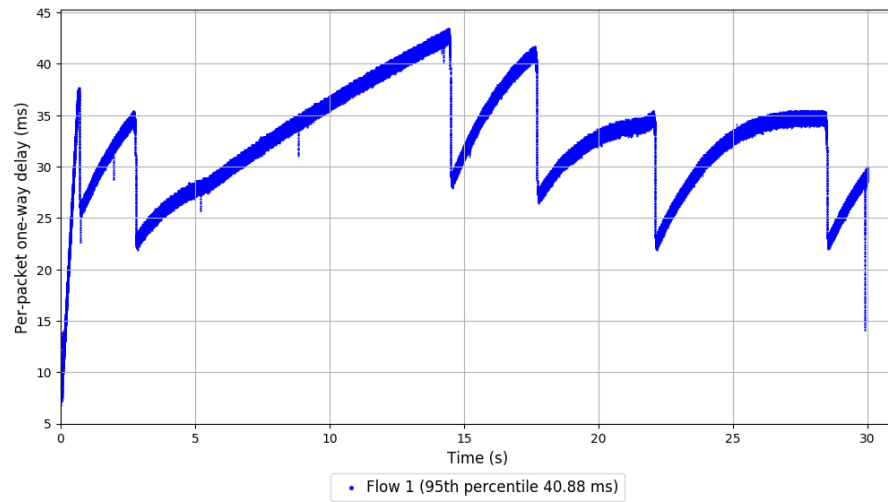
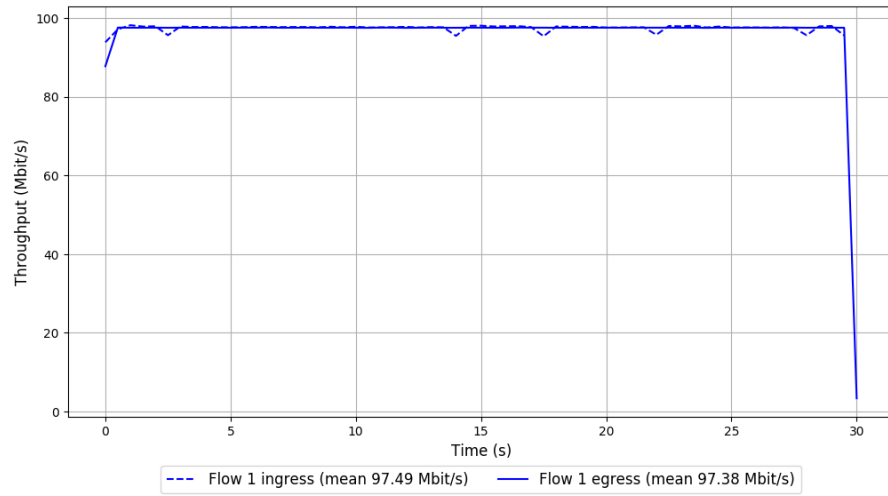


Run 4: Statistics of TCP Cubic

Start at: 2018-01-08 22:43:10
End at: 2018-01-08 22:43:40
Local clock offset: 3.186 ms
Remote clock offset: -0.277 ms

Below is generated by plot.py at 2018-01-09 01:17:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 40.883 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 40.883 ms
Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link

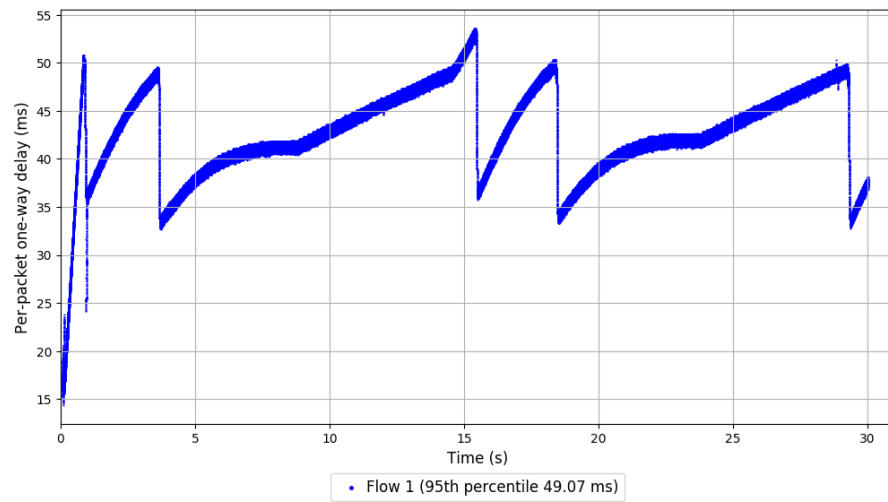
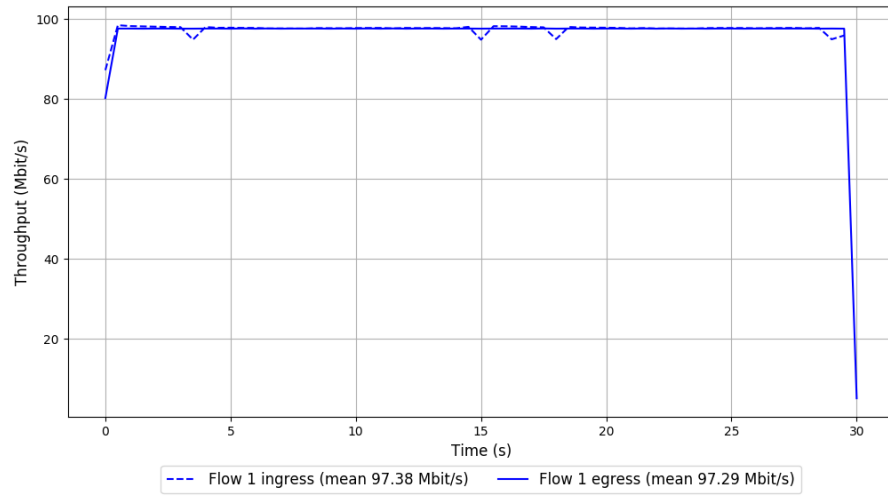


Run 5: Statistics of TCP Cubic

Start at: 2018-01-08 23:00:03
End at: 2018-01-08 23:00:33
Local clock offset: 1.285 ms
Remote clock offset: -0.369 ms

Below is generated by plot.py at 2018-01-09 01:17:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 49.066 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 49.066 ms
Loss rate: 0.02%

Run 5: Report of TCP Cubic — Data Link

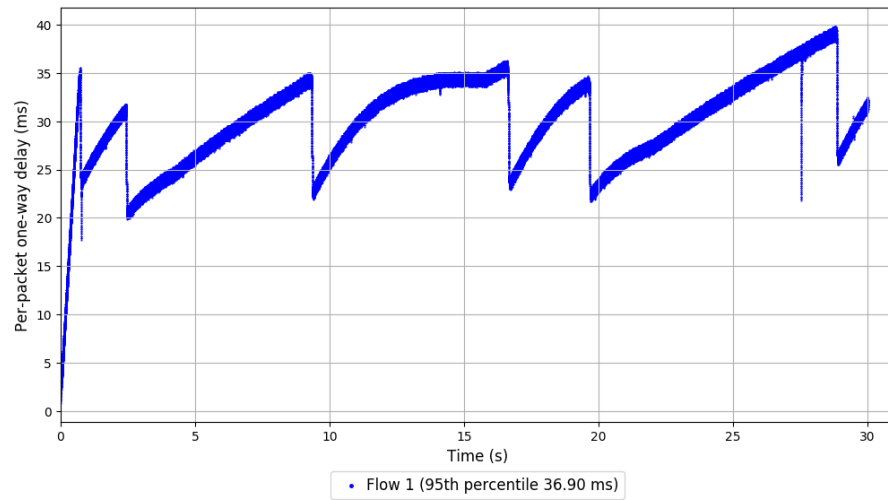
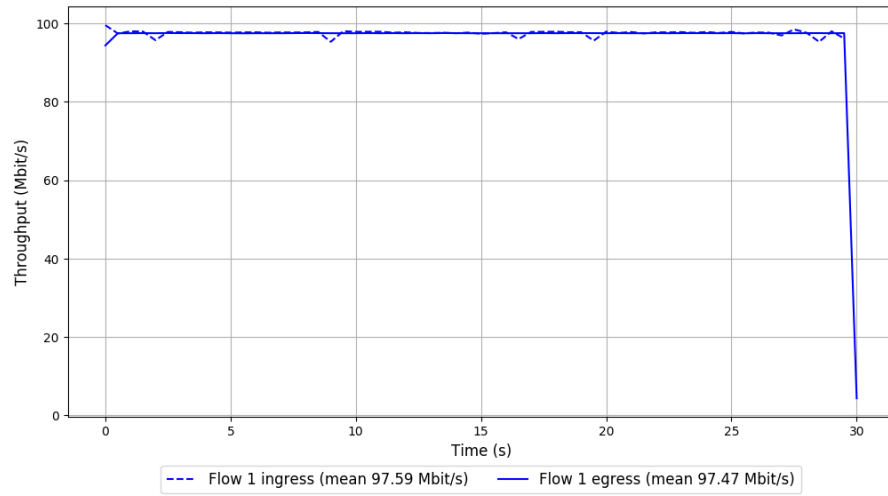


Run 6: Statistics of TCP Cubic

Start at: 2018-01-08 23:16:57
End at: 2018-01-08 23:17:27
Local clock offset: 2.553 ms
Remote clock offset: -0.497 ms

Below is generated by plot.py at 2018-01-09 01:17:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 36.895 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 36.895 ms
Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link

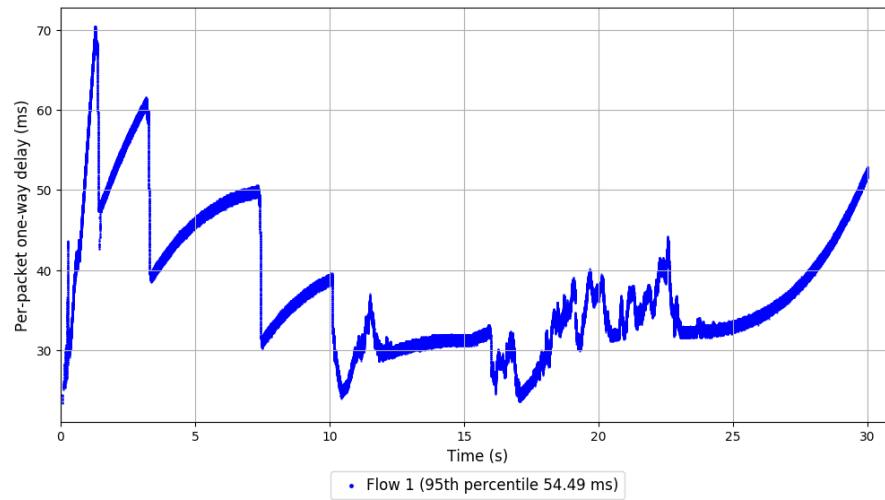
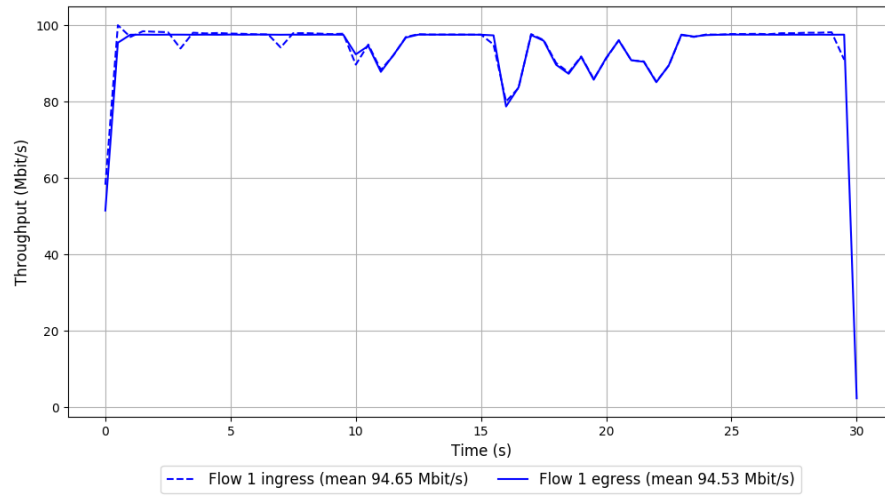


Run 7: Statistics of TCP Cubic

Start at: 2018-01-08 23:33:50
End at: 2018-01-08 23:34:20
Local clock offset: 10.555 ms
Remote clock offset: -0.505 ms

Below is generated by plot.py at 2018-01-09 01:19:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 54.486 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 54.486 ms
Loss rate: 0.05%

Run 7: Report of TCP Cubic — Data Link

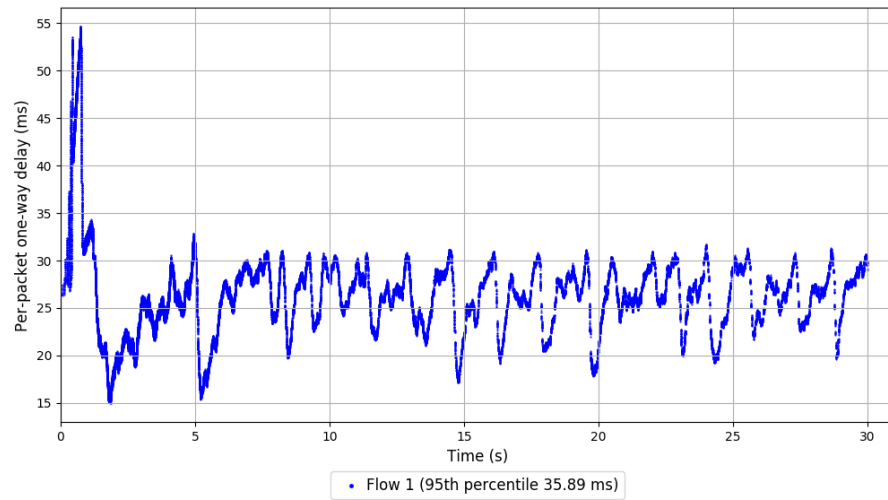
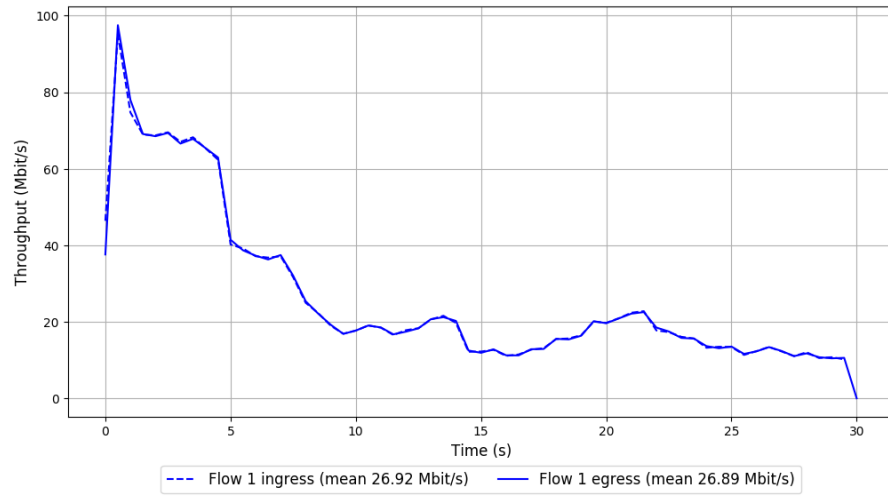


Run 8: Statistics of TCP Cubic

Start at: 2018-01-08 23:50:50
End at: 2018-01-08 23:51:20
Local clock offset: 22.331 ms
Remote clock offset: -0.589 ms

Below is generated by plot.py at 2018-01-09 01:19:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.89 Mbit/s
95th percentile per-packet one-way delay: 35.889 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 26.89 Mbit/s
95th percentile per-packet one-way delay: 35.889 ms
Loss rate: 0.12%

Run 8: Report of TCP Cubic — Data Link

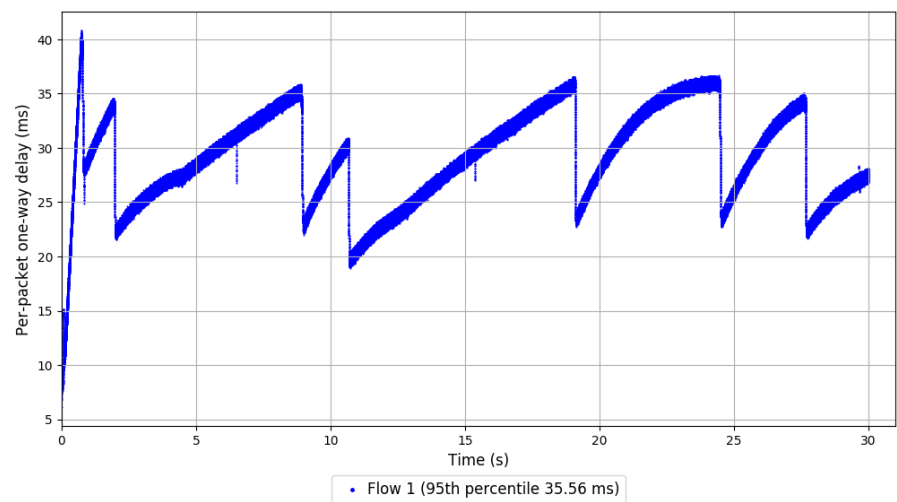
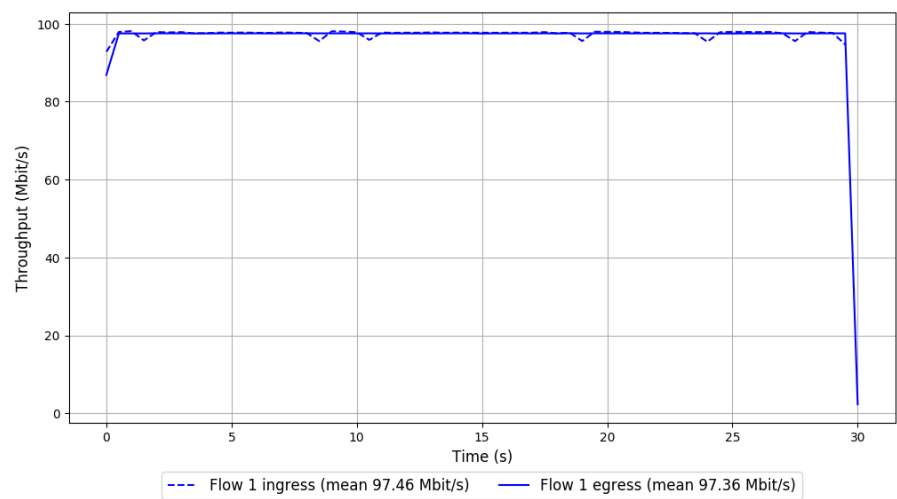


Run 9: Statistics of TCP Cubic

Start at: 2018-01-09 00:07:47
End at: 2018-01-09 00:08:17
Local clock offset: 3.067 ms
Remote clock offset: -0.474 ms

Below is generated by plot.py at 2018-01-09 01:20:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 35.559 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 35.559 ms
Loss rate: 0.02%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-09 00:24:50

End at: 2018-01-09 00:25:20

Local clock offset: 11.121 ms

Remote clock offset: -0.494 ms

Below is generated by plot.py at 2018-01-09 01:20:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.53 Mbit/s

95th percentile per-packet one-way delay: 40.330 ms

Loss rate: 0.10%

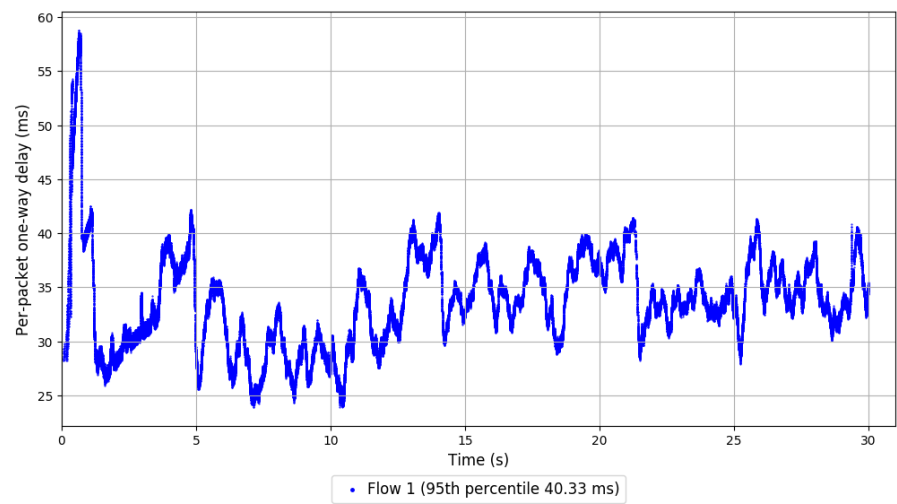
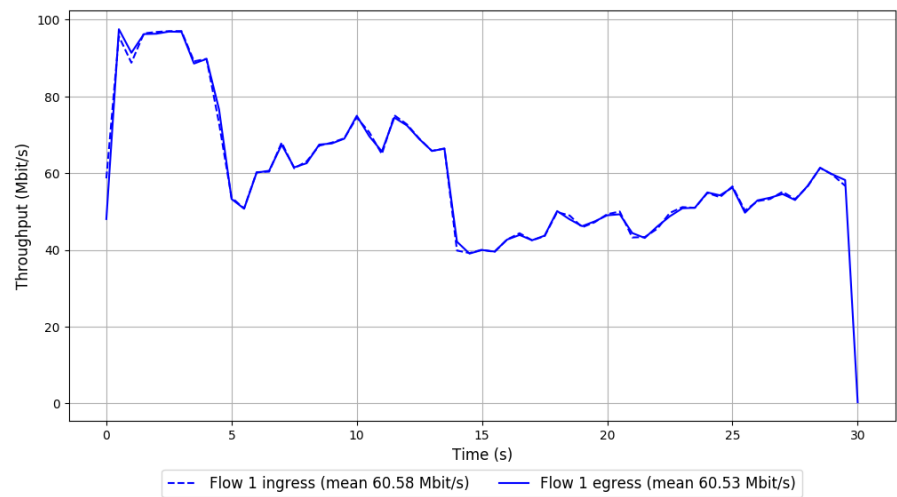
-- Flow 1:

Average throughput: 60.53 Mbit/s

95th percentile per-packet one-way delay: 40.330 ms

Loss rate: 0.10%

Run 10: Report of TCP Cubic — Data Link

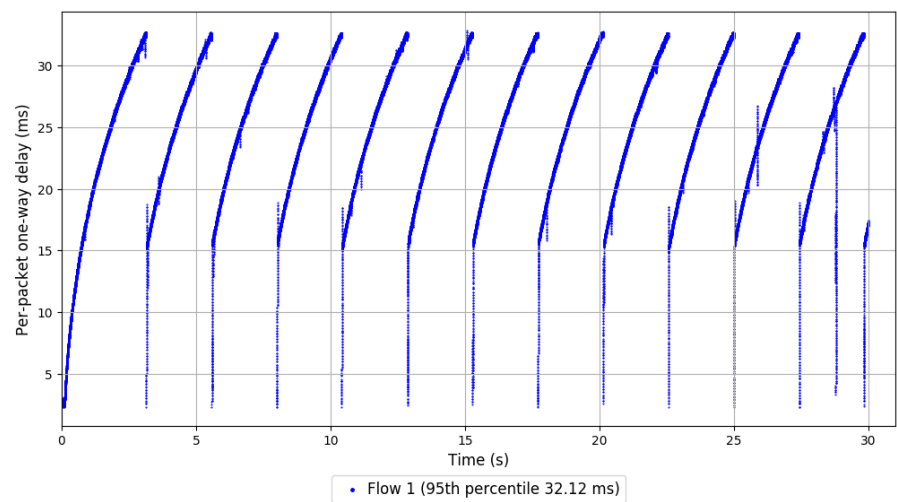
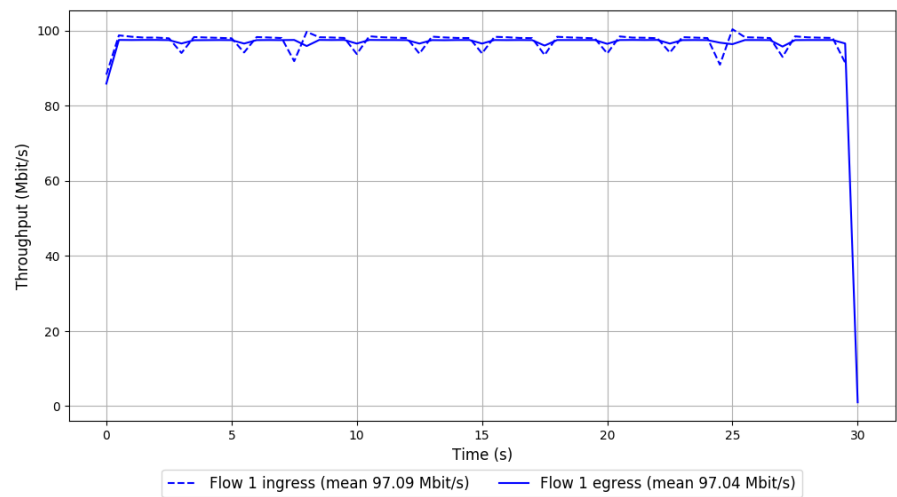


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-08 21:47:54
End at: 2018-01-08 21:48:24
Local clock offset: 0.944 ms
Remote clock offset: 0.263 ms

# Below is generated by plot.py at 2018-01-09 01:20:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 32.116 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.04 Mbit/s
95th percentile per-packet one-way delay: 32.116 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-01-08 22:04:50

End at: 2018-01-08 22:05:20

Local clock offset: 0.769 ms

Remote clock offset: 0.099 ms

Below is generated by plot.py at 2018-01-09 01:20:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 32.267 ms

Loss rate: 0.01%

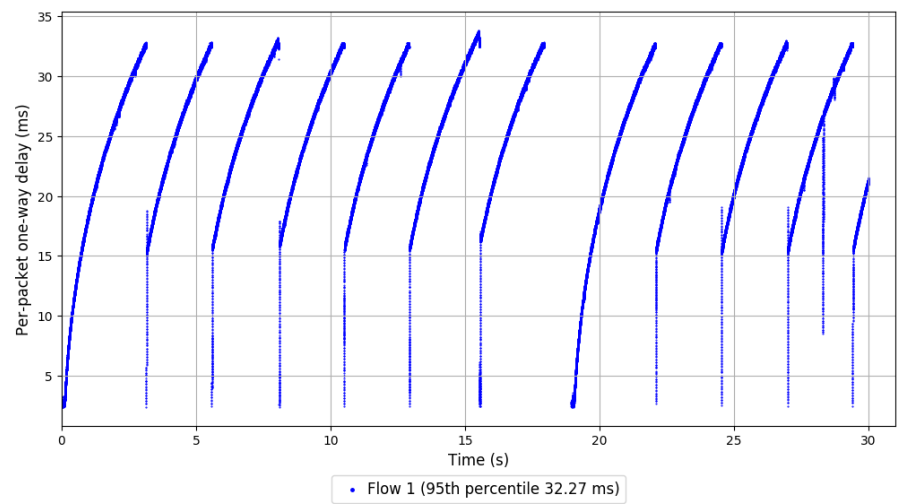
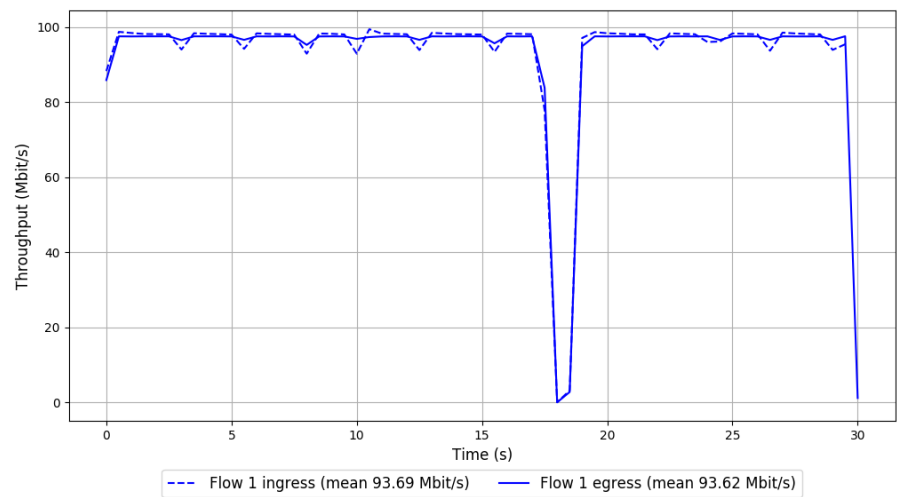
-- Flow 1:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 32.267 ms

Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

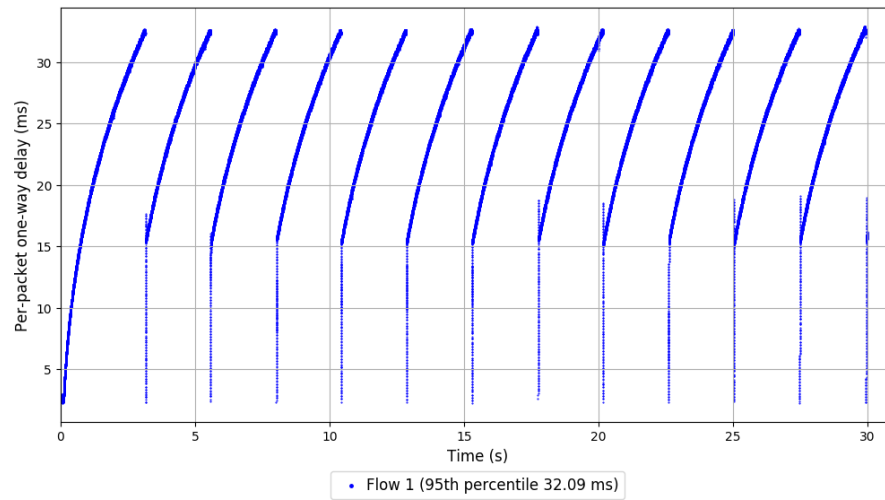
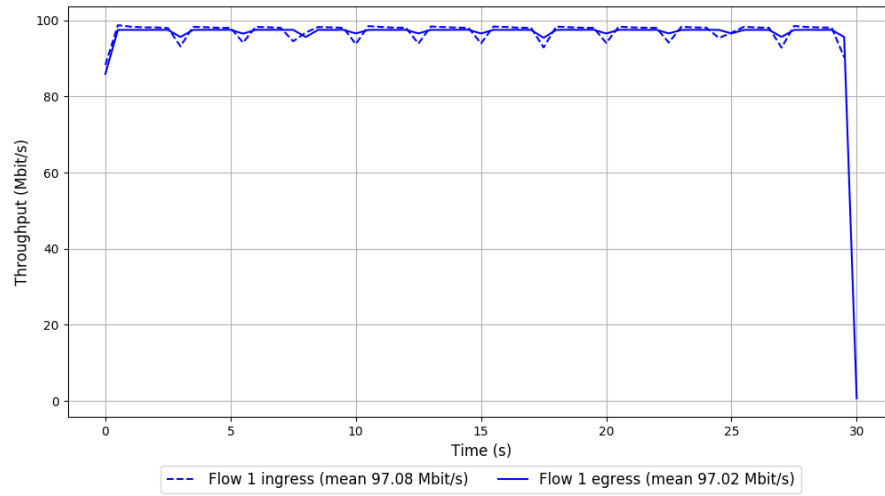


Run 3: Statistics of LEDBAT

Start at: 2018-01-08 22:21:48
End at: 2018-01-08 22:22:18
Local clock offset: 0.861 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-01-09 01:20:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 32.085 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 32.085 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

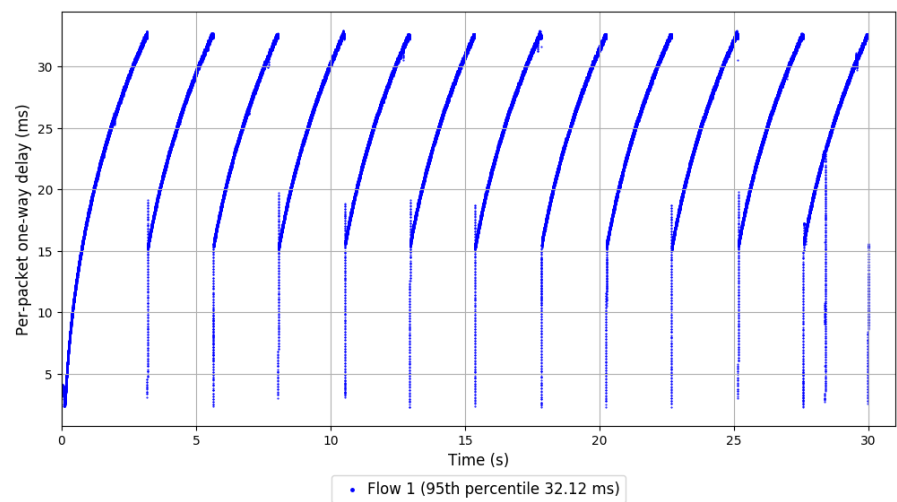
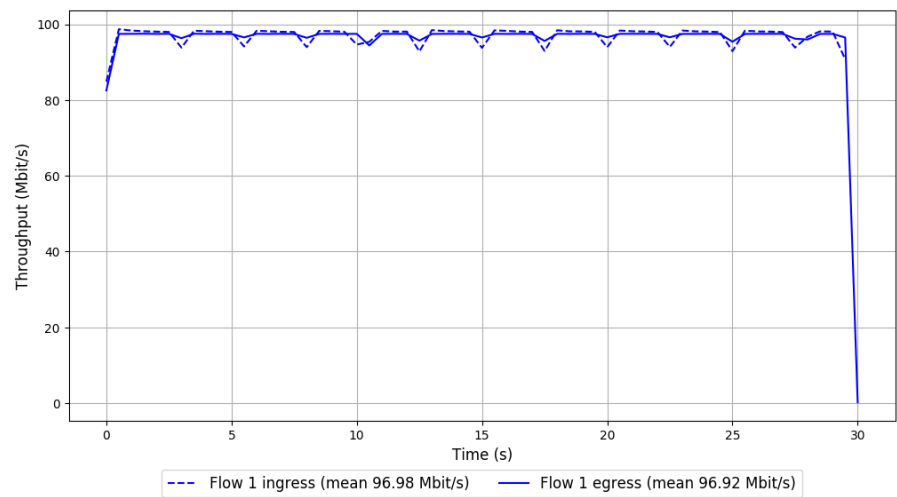


Run 4: Statistics of LEDBAT

Start at: 2018-01-08 22:38:45
End at: 2018-01-08 22:39:15
Local clock offset: 0.919 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2018-01-09 01:20:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 32.122 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 32.122 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

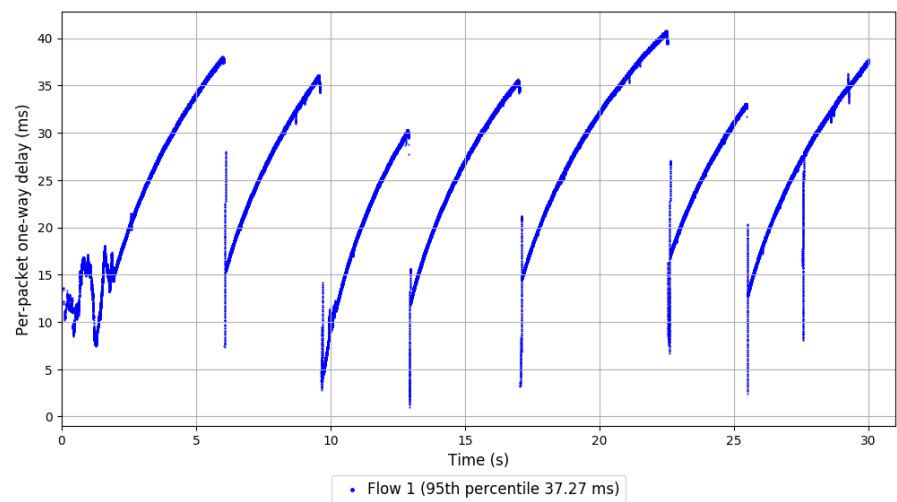
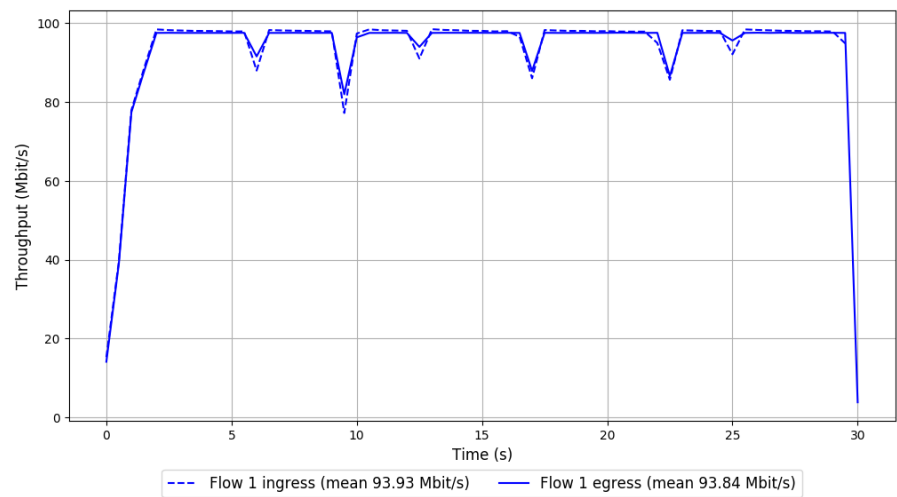


Run 5: Statistics of LEDBAT

Start at: 2018-01-08 22:55:36
End at: 2018-01-08 22:56:06
Local clock offset: 6.059 ms
Remote clock offset: -0.334 ms

Below is generated by plot.py at 2018-01-09 01:20:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 37.265 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 37.265 ms
Loss rate: 0.03%

Run 5: Report of LEDBAT — Data Link

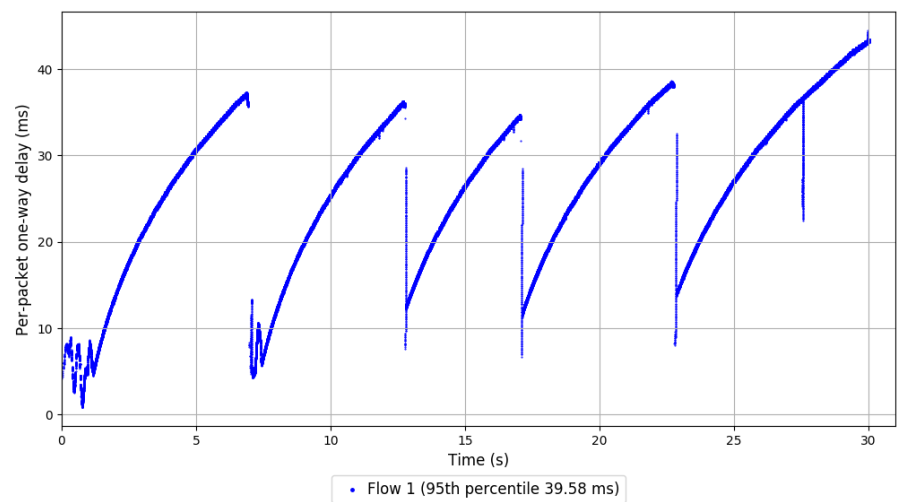
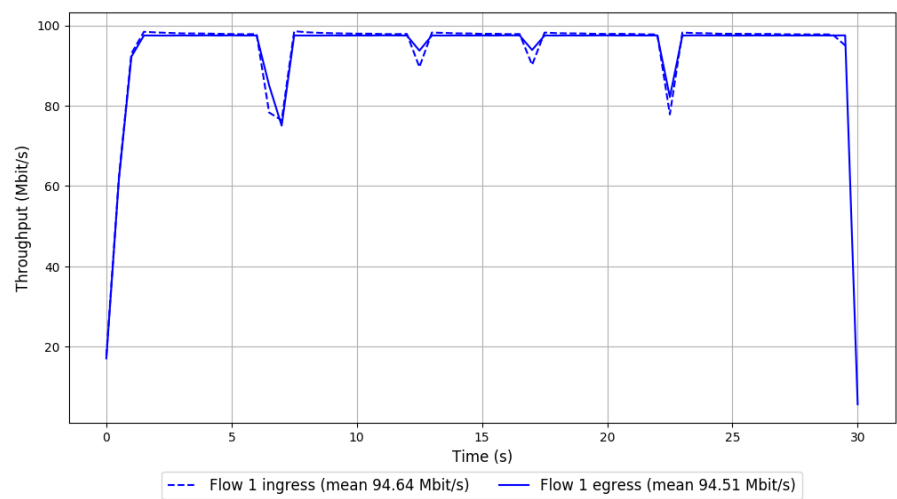


Run 6: Statistics of LEDBAT

Start at: 2018-01-08 23:12:30
End at: 2018-01-08 23:13:00
Local clock offset: 10.061 ms
Remote clock offset: -0.487 ms

Below is generated by plot.py at 2018-01-09 01:21:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 39.578 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 39.578 ms
Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link

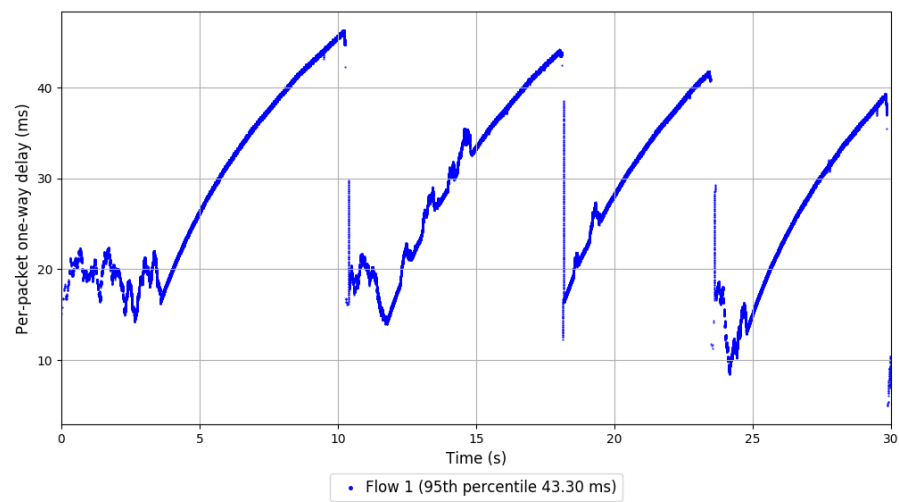
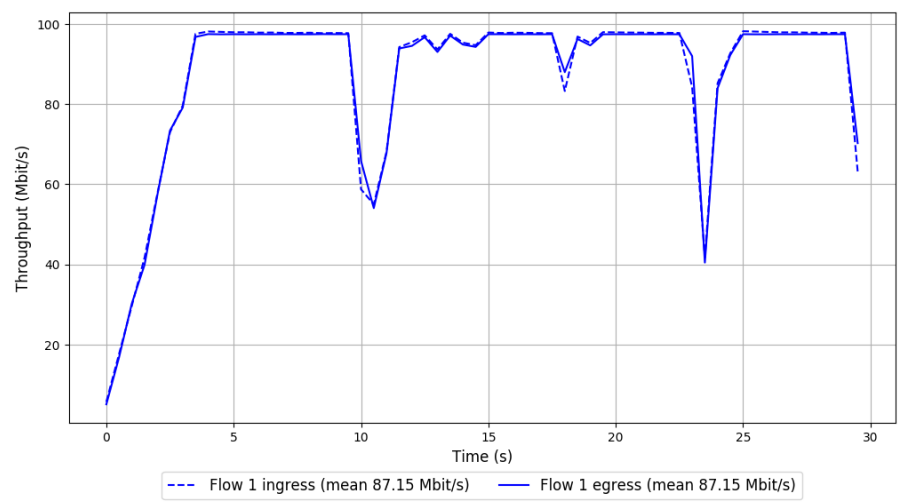


Run 7: Statistics of LEDBAT

Start at: 2018-01-08 23:29:22
End at: 2018-01-08 23:29:52
Local clock offset: 9.942 ms
Remote clock offset: -0.508 ms

Below is generated by plot.py at 2018-01-09 01:22:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 43.304 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 43.304 ms
Loss rate: 0.02%

Run 7: Report of LEDBAT — Data Link

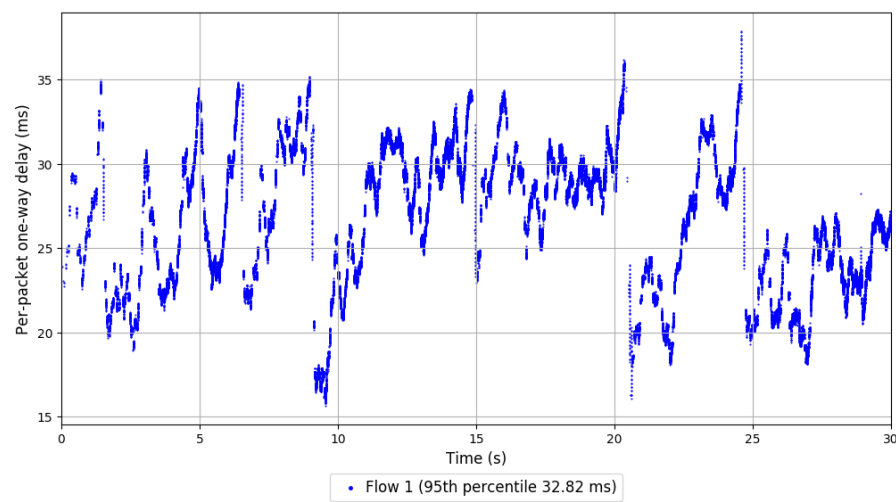
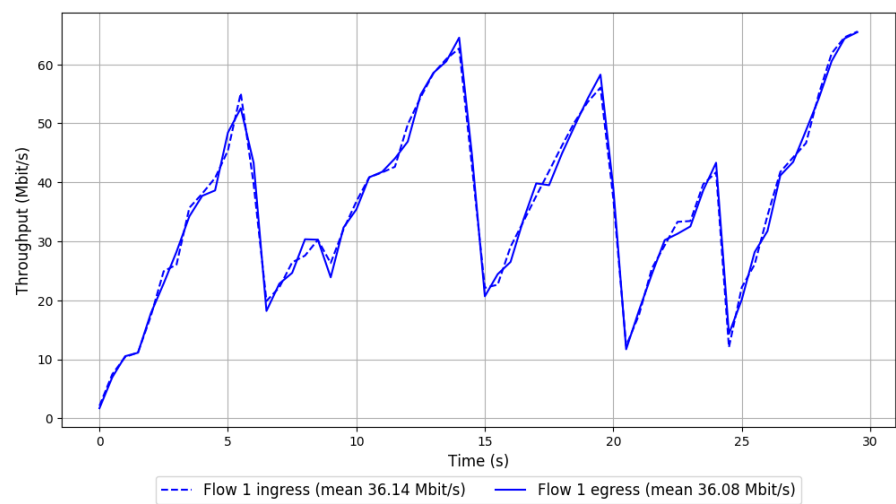


Run 8: Statistics of LEDBAT

Start at: 2018-01-08 23:46:24
End at: 2018-01-08 23:46:54
Local clock offset: 19.881 ms
Remote clock offset: -0.488 ms

Below is generated by plot.py at 2018-01-09 01:22:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 32.816 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 32.816 ms
Loss rate: 0.23%

Run 8: Report of LEDBAT — Data Link

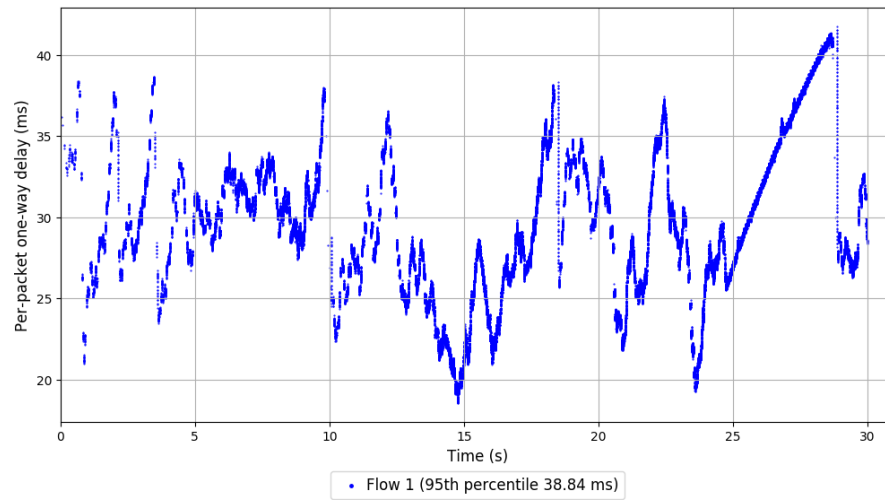
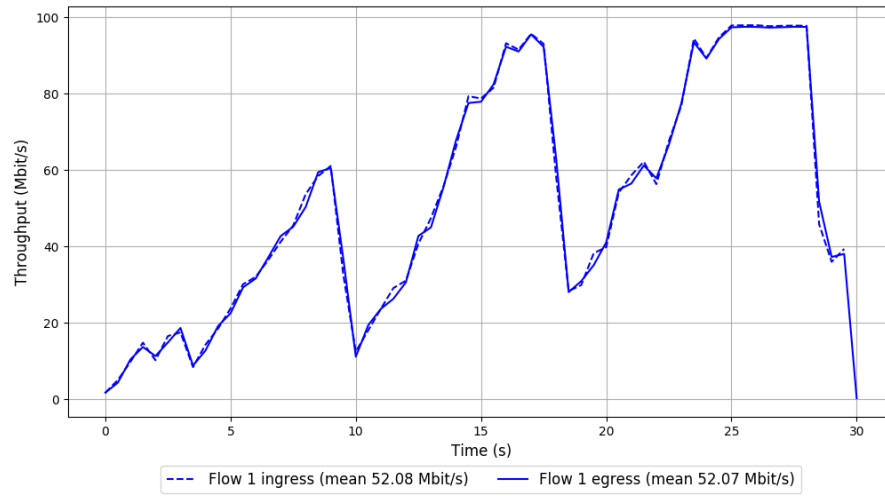


Run 9: Statistics of LEDBAT

Start at: 2018-01-09 00:03:22
End at: 2018-01-09 00:03:52
Local clock offset: 15.421 ms
Remote clock offset: -0.482 ms

Below is generated by plot.py at 2018-01-09 01:22:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.07 Mbit/s
95th percentile per-packet one-way delay: 38.845 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 52.07 Mbit/s
95th percentile per-packet one-way delay: 38.845 ms
Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link

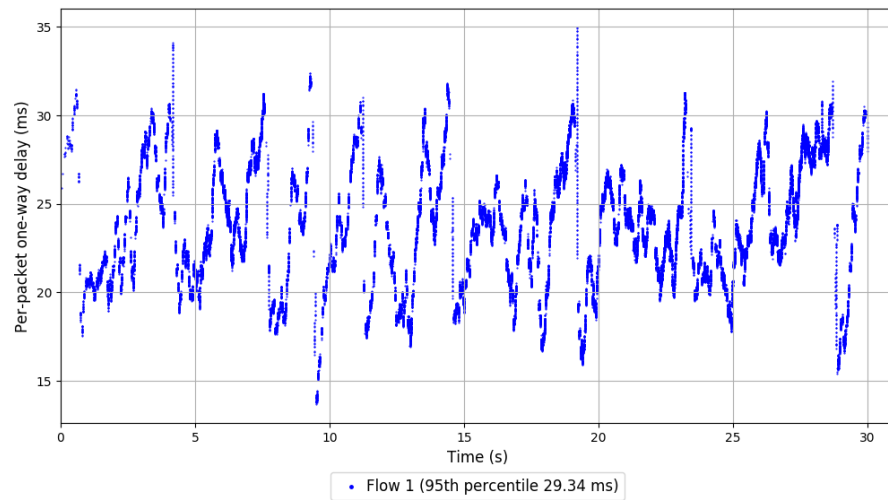
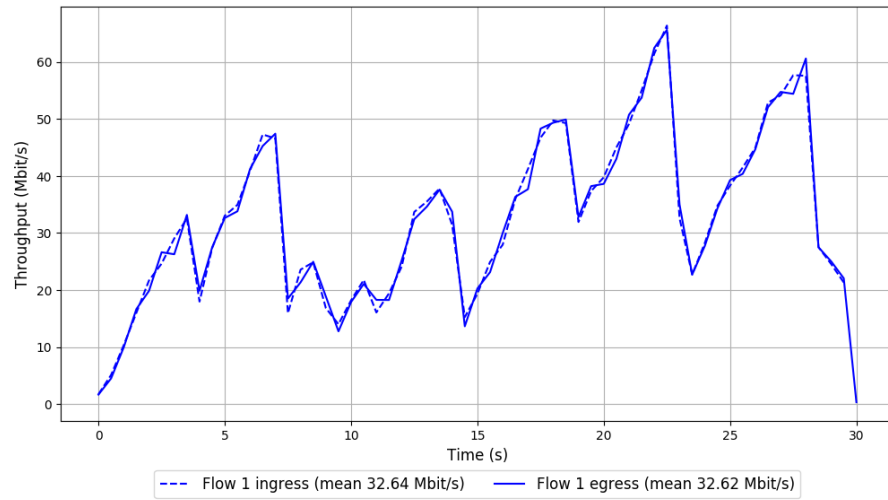


Run 10: Statistics of LEDBAT

Start at: 2018-01-09 00:20:23
End at: 2018-01-09 00:20:53
Local clock offset: 21.844 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-01-09 01:22:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 29.340 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 32.62 Mbit/s
95th percentile per-packet one-way delay: 29.340 ms
Loss rate: 0.05%

Run 10: Report of LEDBAT — Data Link

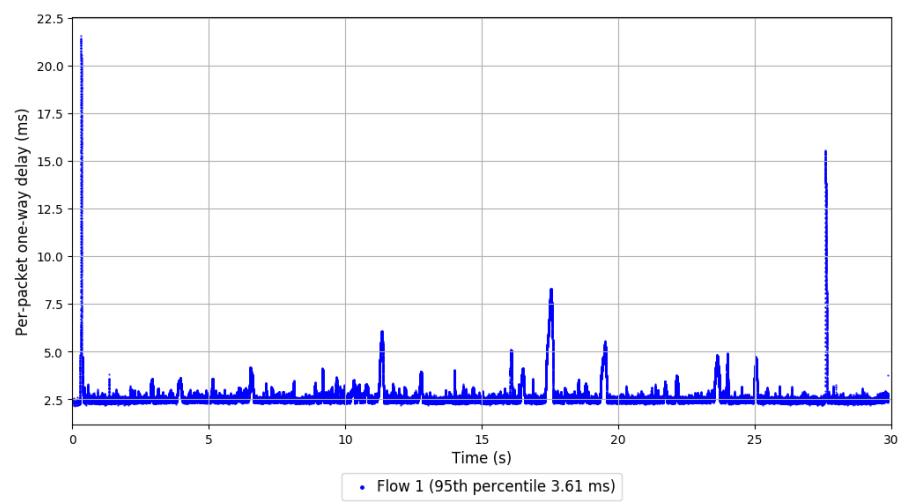
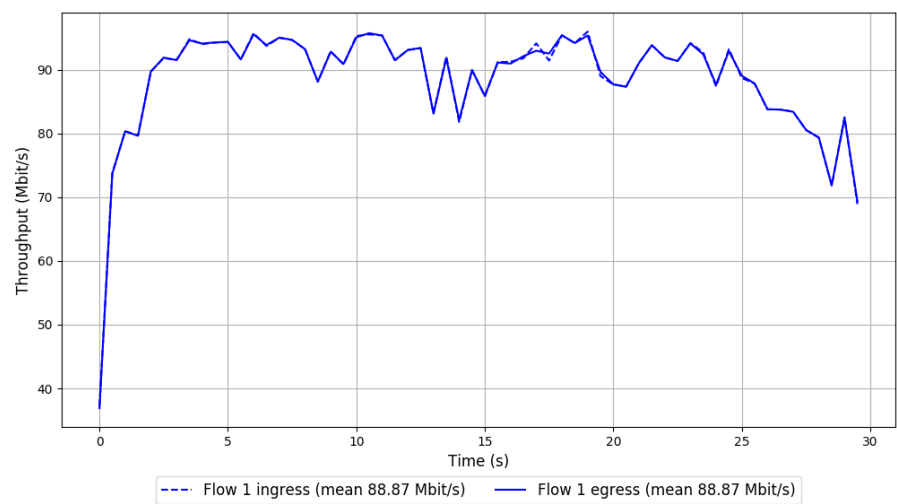


```
Run 1: Statistics of PCC

Start at: 2018-01-08 21:41:05
End at: 2018-01-08 21:41:35
Local clock offset: 1.035 ms
Remote clock offset: 0.315 ms

# Below is generated by plot.py at 2018-01-09 01:22:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.87 Mbit/s
95th percentile per-packet one-way delay: 3.610 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.87 Mbit/s
95th percentile per-packet one-way delay: 3.610 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-01-08 21:58:01

End at: 2018-01-08 21:58:31

Local clock offset: 0.873 ms

Remote clock offset: 0.094 ms

Below is generated by plot.py at 2018-01-09 01:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.23 Mbit/s

95th percentile per-packet one-way delay: 4.294 ms

Loss rate: 0.00%

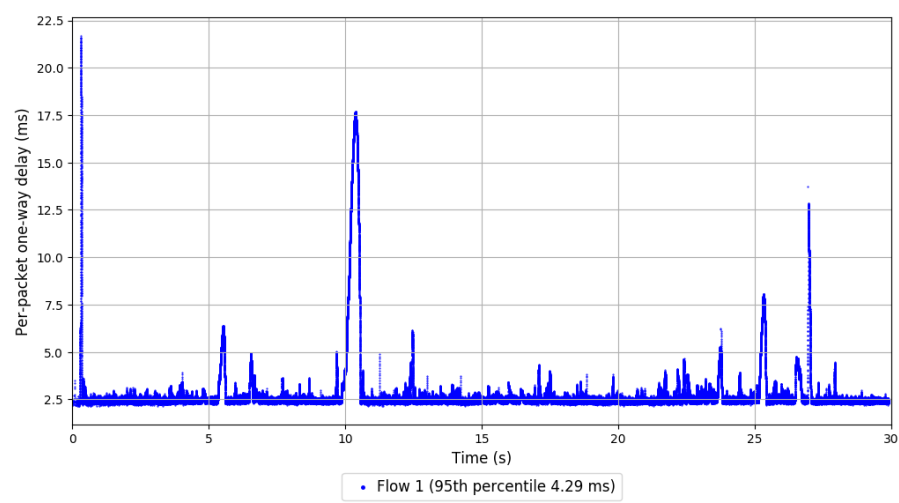
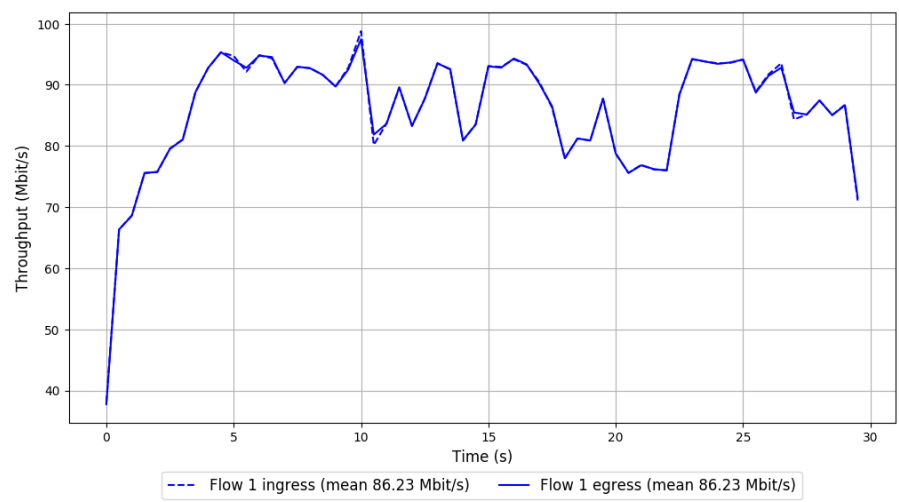
-- Flow 1:

Average throughput: 86.23 Mbit/s

95th percentile per-packet one-way delay: 4.294 ms

Loss rate: 0.00%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-01-08 22:14:59

End at: 2018-01-08 22:15:29

Local clock offset: 0.759 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at 2018-01-09 01:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.48 Mbit/s

95th percentile per-packet one-way delay: 4.857 ms

Loss rate: 0.00%

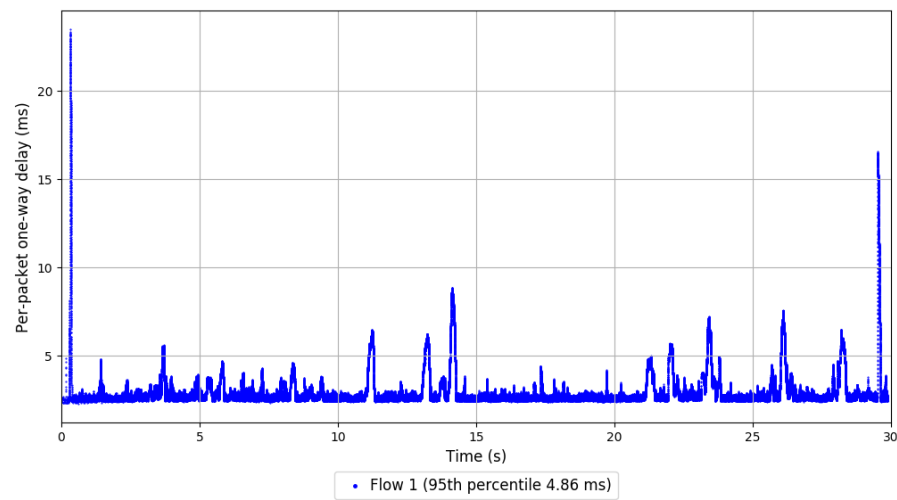
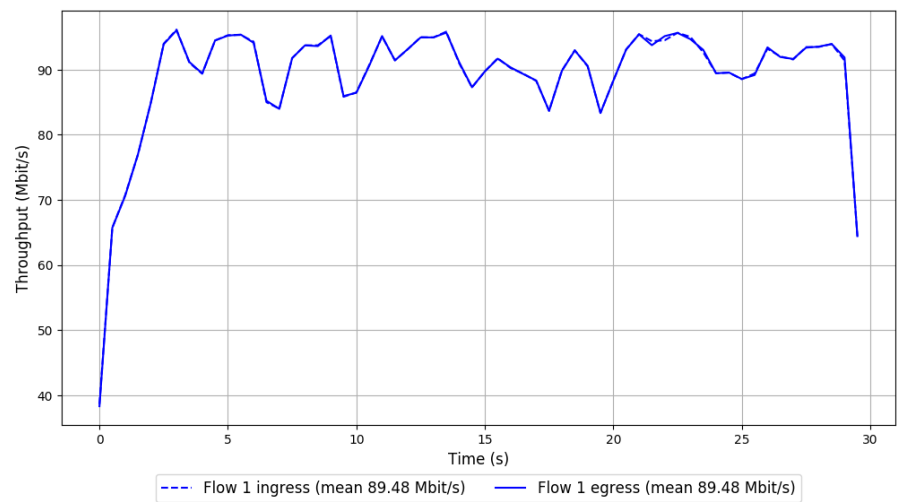
-- Flow 1:

Average throughput: 89.48 Mbit/s

95th percentile per-packet one-way delay: 4.857 ms

Loss rate: 0.00%

Run 3: Report of PCC — Data Link

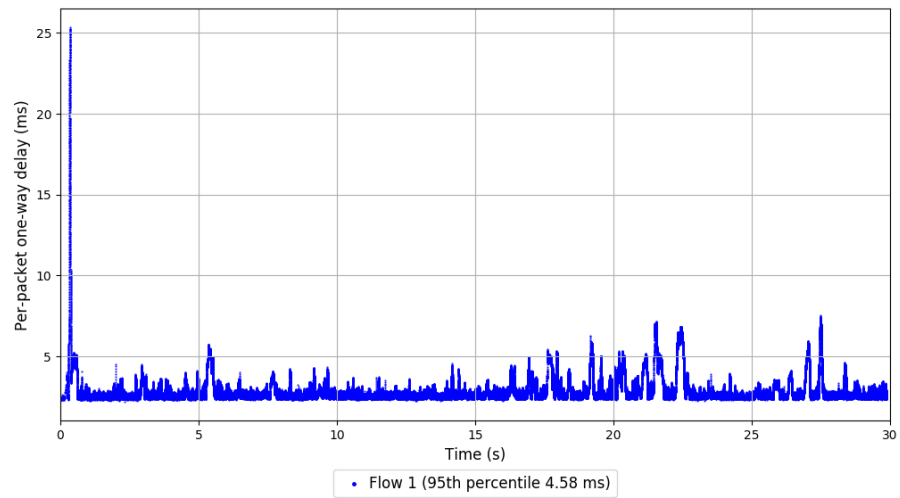
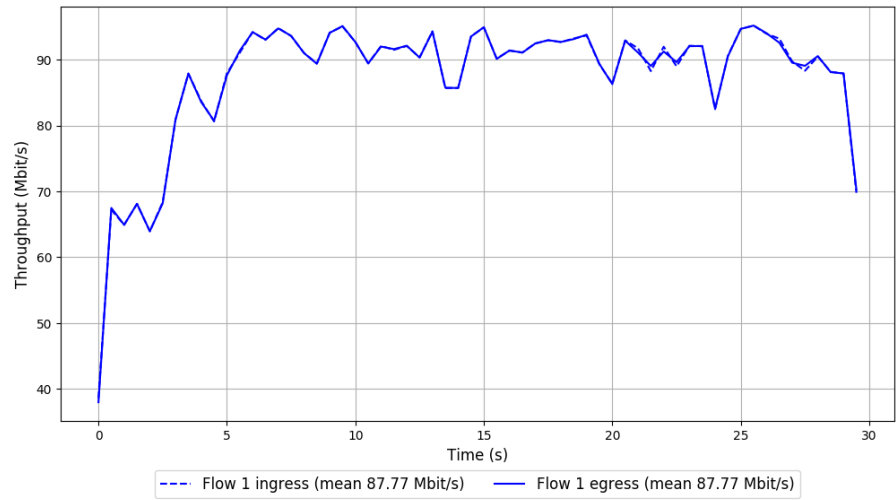


Run 4: Statistics of PCC

Start at: 2018-01-08 22:31:57
End at: 2018-01-08 22:32:27
Local clock offset: 0.94 ms
Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-01-09 01:23:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 4.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 4.576 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

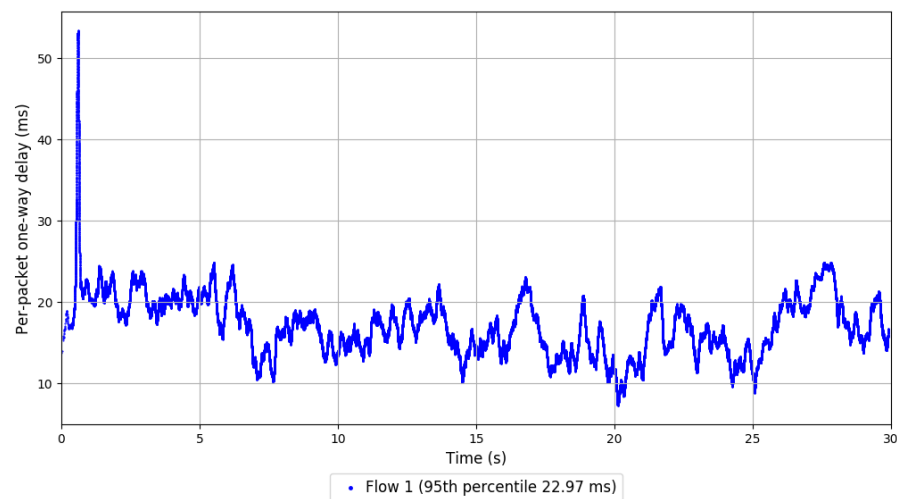
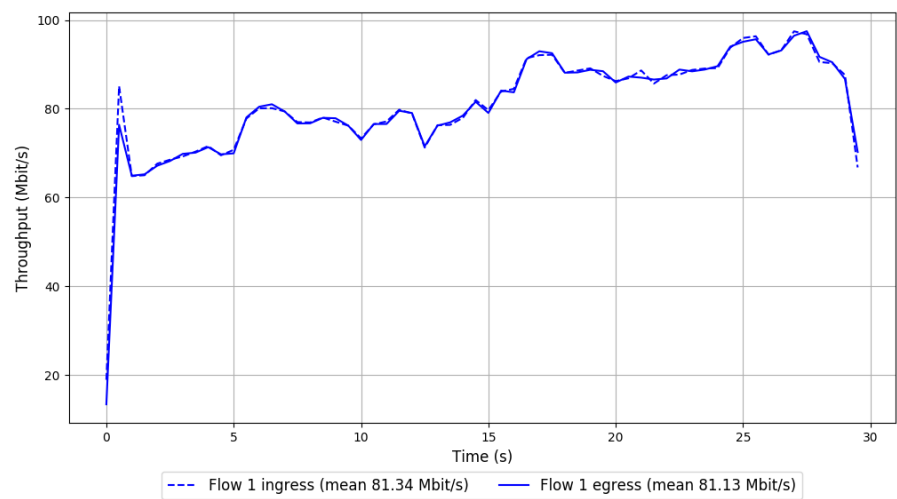


Run 5: Statistics of PCC

Start at: 2018-01-08 22:48:52
End at: 2018-01-08 22:49:22
Local clock offset: 6.797 ms
Remote clock offset: -0.313 ms

Below is generated by plot.py at 2018-01-09 01:23:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.13 Mbit/s
95th percentile per-packet one-way delay: 22.969 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 81.13 Mbit/s
95th percentile per-packet one-way delay: 22.969 ms
Loss rate: 0.24%

Run 5: Report of PCC — Data Link

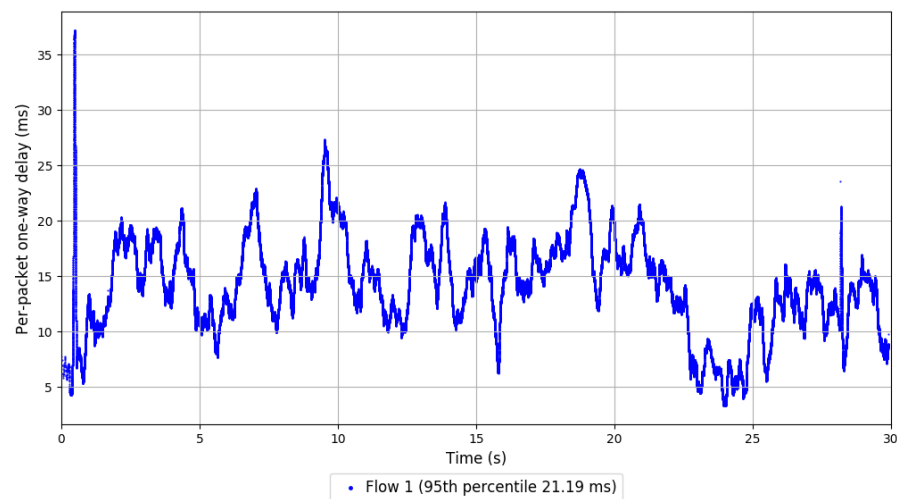
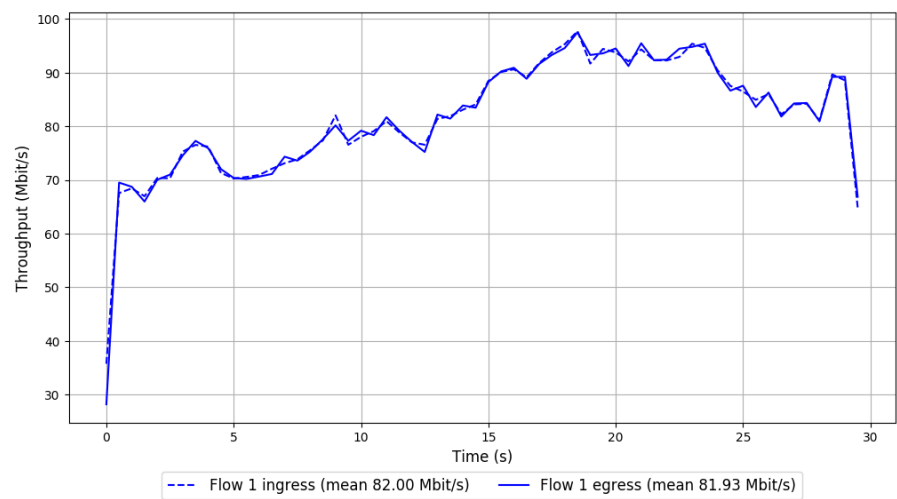


Run 6: Statistics of PCC

Start at: 2018-01-08 23:05:45
End at: 2018-01-08 23:06:15
Local clock offset: 8.494 ms
Remote clock offset: -0.379 ms

Below is generated by plot.py at 2018-01-09 01:24:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.93 Mbit/s
95th percentile per-packet one-way delay: 21.189 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.93 Mbit/s
95th percentile per-packet one-way delay: 21.189 ms
Loss rate: 0.08%

Run 6: Report of PCC — Data Link

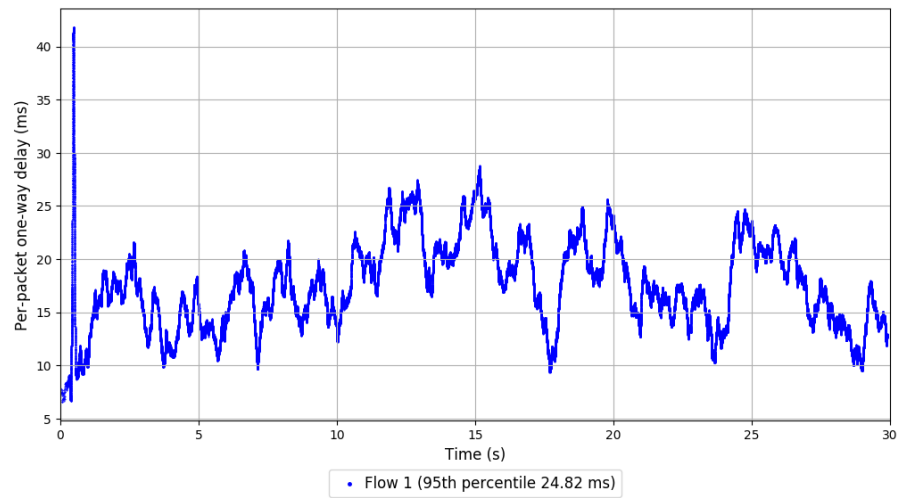
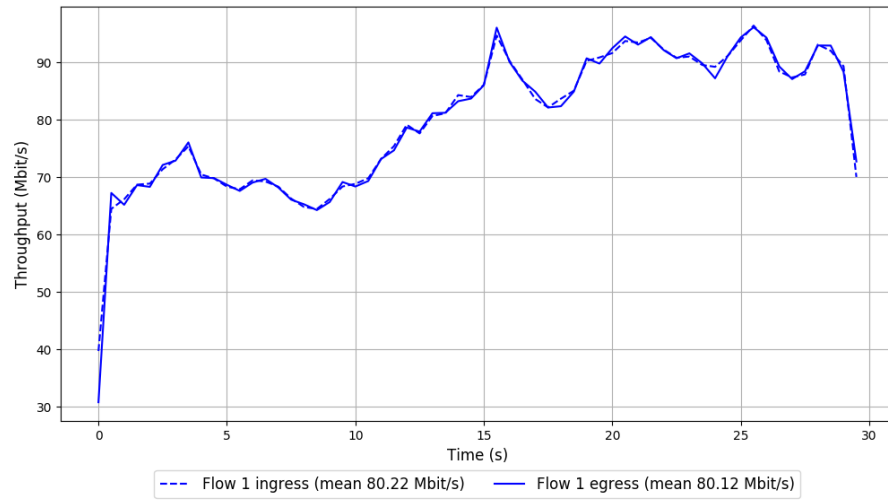


Run 7: Statistics of PCC

Start at: 2018-01-08 23:22:37
End at: 2018-01-08 23:23:07
Local clock offset: 5.854 ms
Remote clock offset: -0.443 ms

Below is generated by plot.py at 2018-01-09 01:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 24.821 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 24.821 ms
Loss rate: 0.10%

Run 7: Report of PCC — Data Link

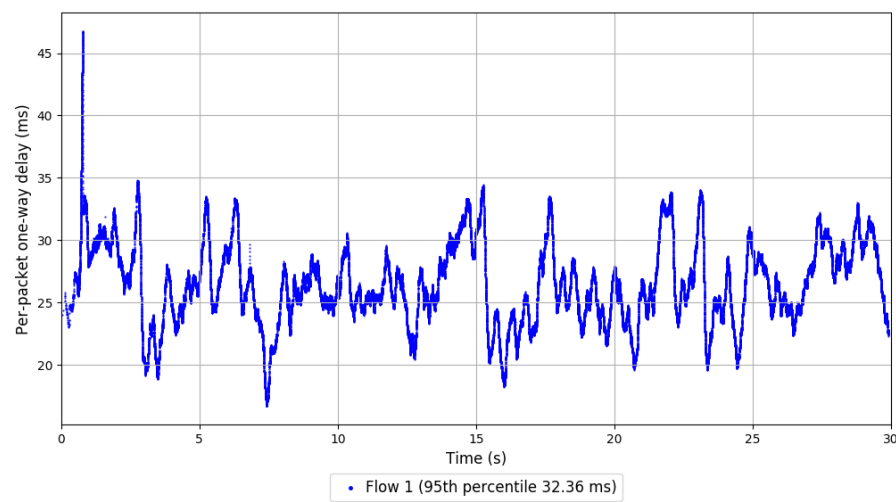
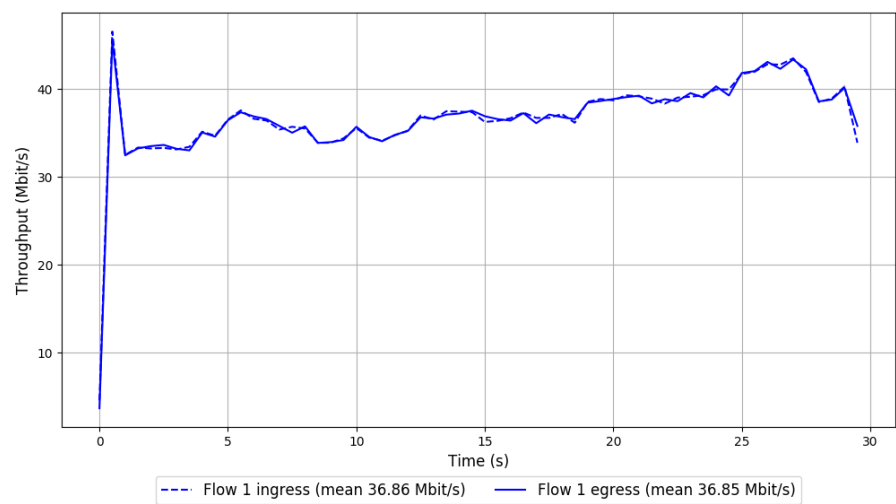


Run 8: Statistics of PCC

Start at: 2018-01-08 23:39:32
End at: 2018-01-08 23:40:02
Local clock offset: 19.367 ms
Remote clock offset: -0.462 ms

Below is generated by plot.py at 2018-01-09 01:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.85 Mbit/s
95th percentile per-packet one-way delay: 32.360 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 36.85 Mbit/s
95th percentile per-packet one-way delay: 32.360 ms
Loss rate: 0.05%

Run 8: Report of PCC — Data Link

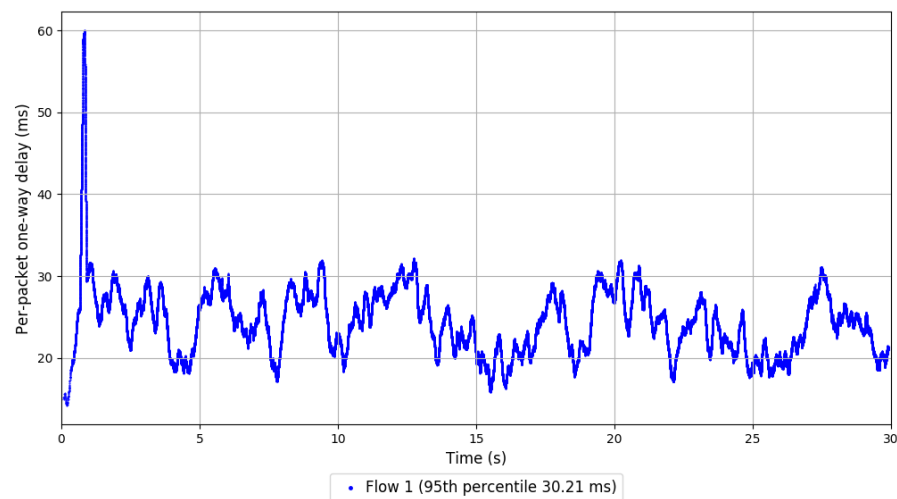
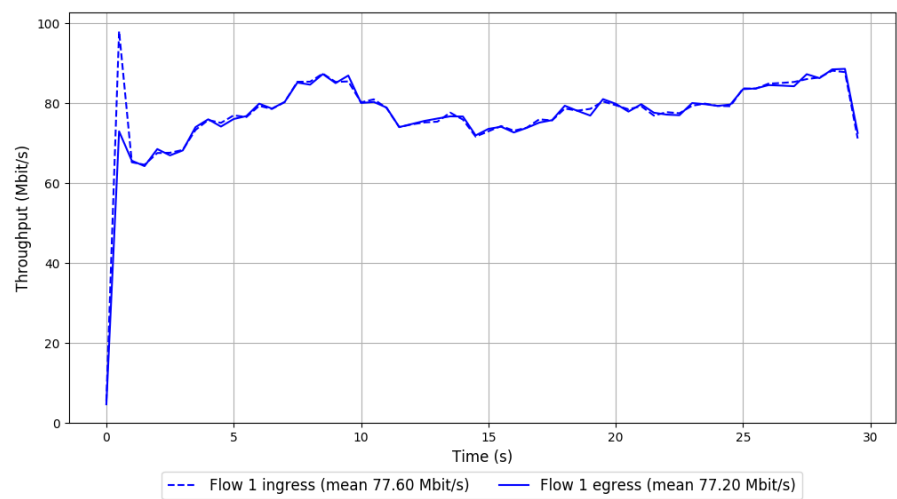


Run 9: Statistics of PCC

Start at: 2018-01-08 23:56:31
End at: 2018-01-08 23:57:01
Local clock offset: 22.343 ms
Remote clock offset: -0.503 ms

Below is generated by plot.py at 2018-01-09 01:25:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.20 Mbit/s
95th percentile per-packet one-way delay: 30.211 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 77.20 Mbit/s
95th percentile per-packet one-way delay: 30.211 ms
Loss rate: 0.52%

Run 9: Report of PCC — Data Link

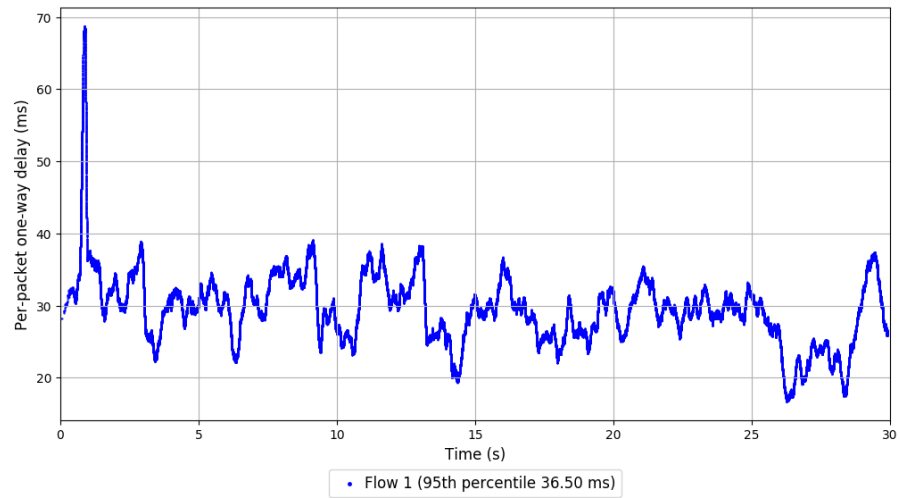
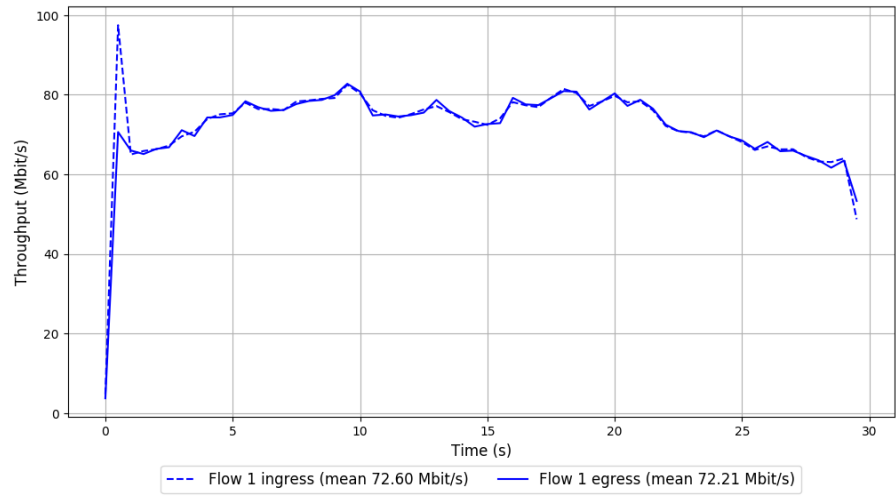


Run 10: Statistics of PCC

Start at: 2018-01-09 00:13:31
End at: 2018-01-09 00:14:01
Local clock offset: 14.167 ms
Remote clock offset: -0.469 ms

Below is generated by plot.py at 2018-01-09 01:25:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 36.502 ms
Loss rate: 0.54%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

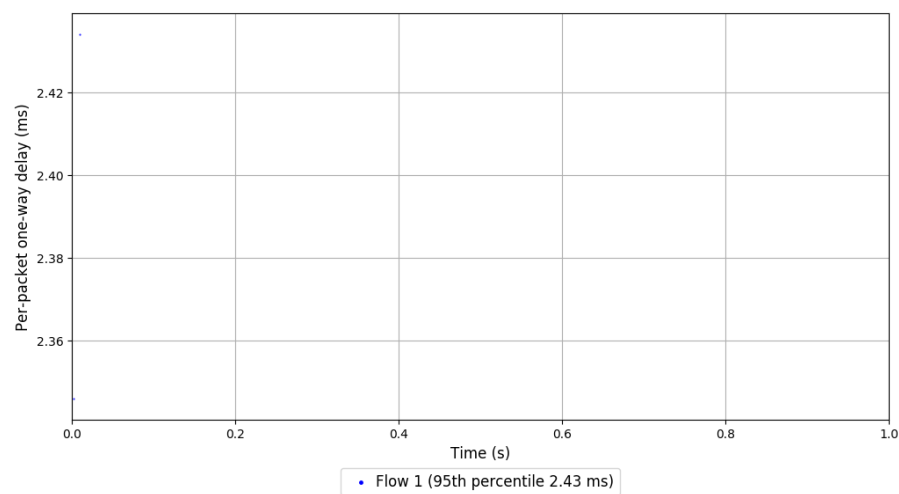
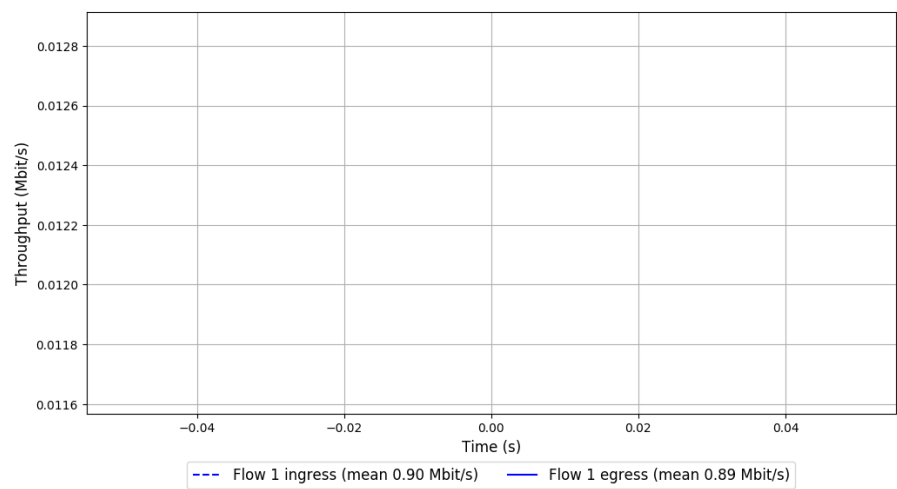
Start at: 2018-01-08 21:50:08

End at: 2018-01-08 21:50:38

Local clock offset: 0.847 ms

Remote clock offset: 0.223 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-08 22:07:03

End at: 2018-01-08 22:07:33

Local clock offset: 0.773 ms

Remote clock offset: 0.019 ms

Below is generated by plot.py at 2018-01-09 01:25:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.95 Mbit/s

95th percentile per-packet one-way delay: 3.545 ms

Loss rate: 0.00%

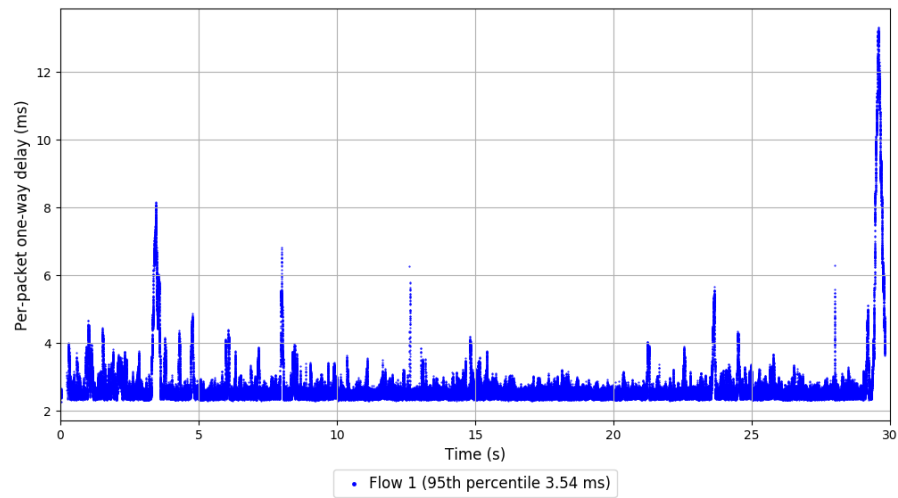
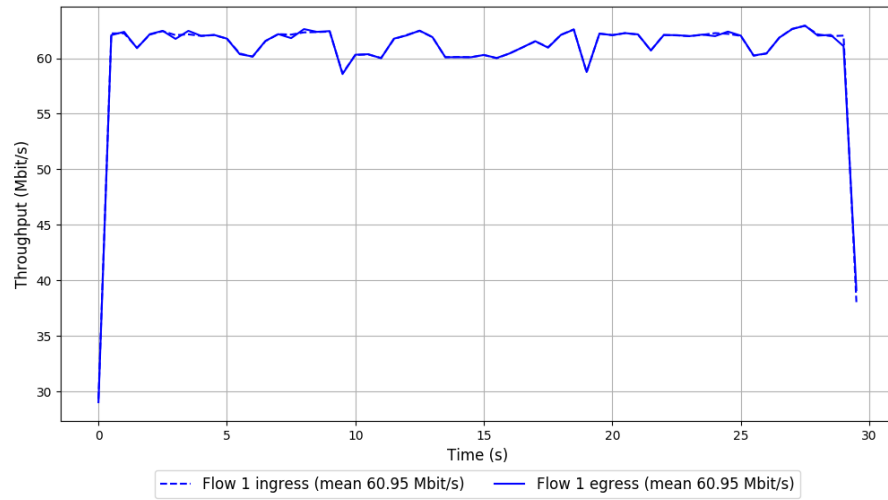
-- Flow 1:

Average throughput: 60.95 Mbit/s

95th percentile per-packet one-way delay: 3.545 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-08 22:24:02

End at: 2018-01-08 22:24:32

Local clock offset: 0.887 ms

Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-01-09 01:25:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.73 Mbit/s

95th percentile per-packet one-way delay: 5.984 ms

Loss rate: 0.01%

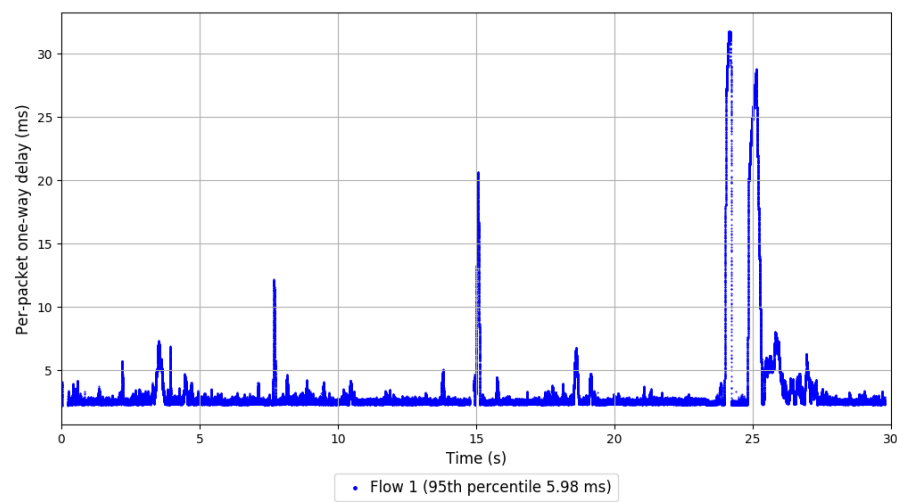
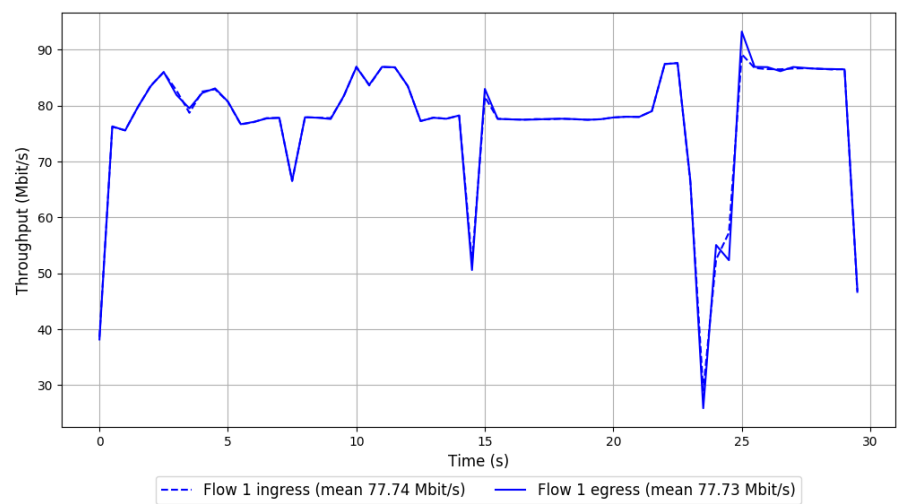
-- Flow 1:

Average throughput: 77.73 Mbit/s

95th percentile per-packet one-way delay: 5.984 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-08 22:40:59

End at: 2018-01-08 22:41:29

Local clock offset: 1.48 ms

Remote clock offset: -0.271 ms

Below is generated by plot.py at 2018-01-09 01:25:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.65 Mbit/s

95th percentile per-packet one-way delay: 16.927 ms

Loss rate: 0.04%

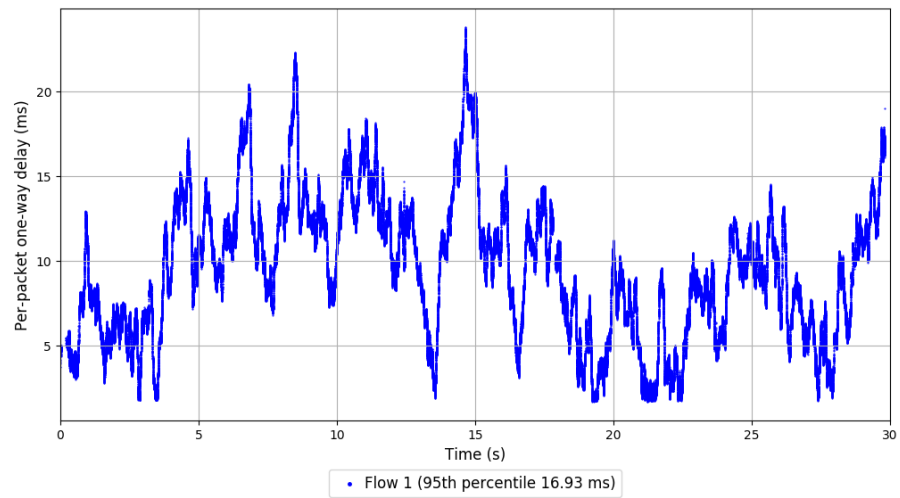
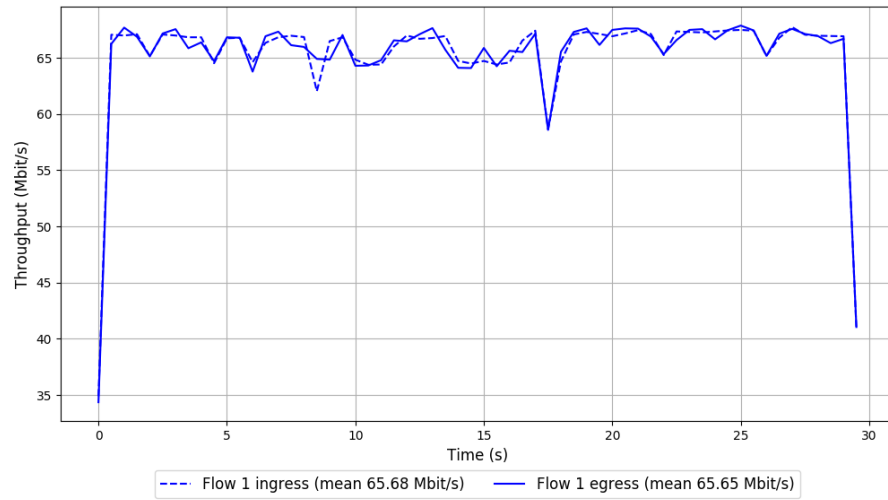
-- Flow 1:

Average throughput: 65.65 Mbit/s

95th percentile per-packet one-way delay: 16.927 ms

Loss rate: 0.04%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-08 22:57:50

End at: 2018-01-08 22:58:21

Local clock offset: 9.68 ms

Remote clock offset: -0.347 ms

Below is generated by plot.py at 2018-01-09 01:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.15 Mbit/s

95th percentile per-packet one-way delay: 28.066 ms

Loss rate: 0.06%

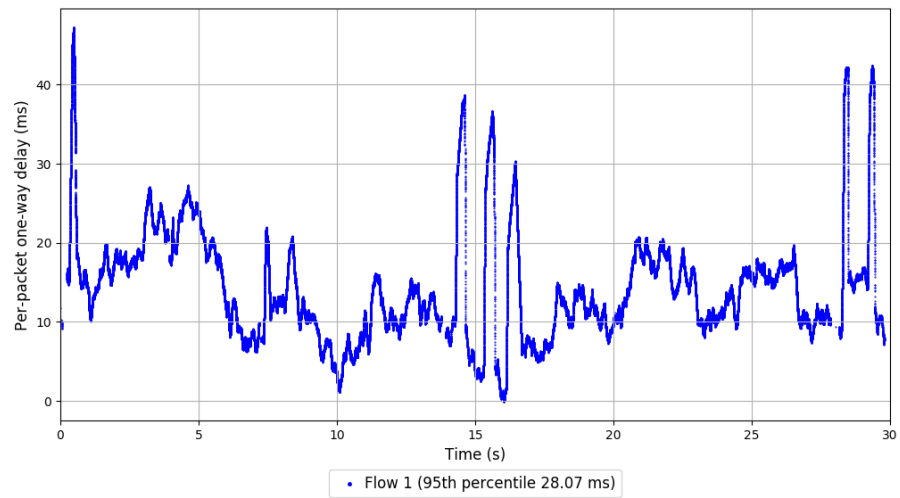
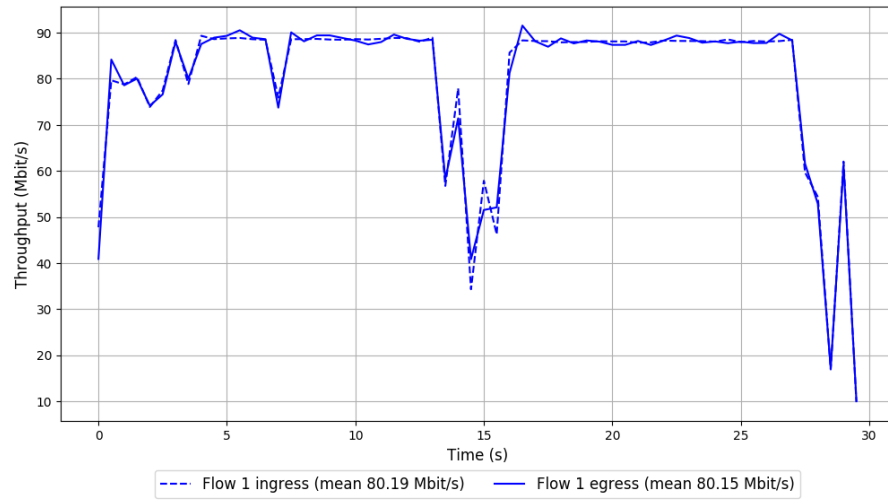
-- Flow 1:

Average throughput: 80.15 Mbit/s

95th percentile per-packet one-way delay: 28.066 ms

Loss rate: 0.06%

Run 5: Report of QUIC Cubic — Data Link

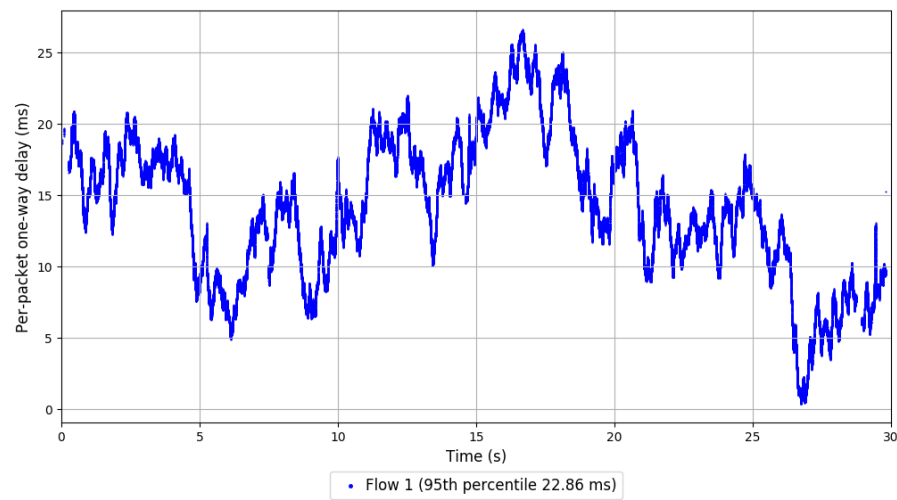
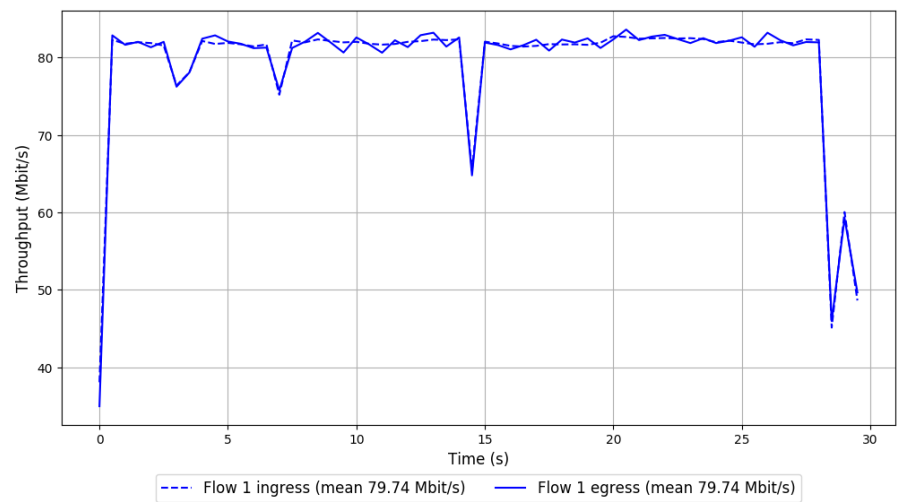


Run 6: Statistics of QUIC Cubic

Start at: 2018-01-08 23:14:45
End at: 2018-01-08 23:15:15
Local clock offset: 6.507 ms
Remote clock offset: -0.511 ms

Below is generated by plot.py at 2018-01-09 01:26:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.74 Mbit/s
95th percentile per-packet one-way delay: 22.859 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 79.74 Mbit/s
95th percentile per-packet one-way delay: 22.859 ms
Loss rate: 0.01%

Run 6: Report of QUIC Cubic — Data Link

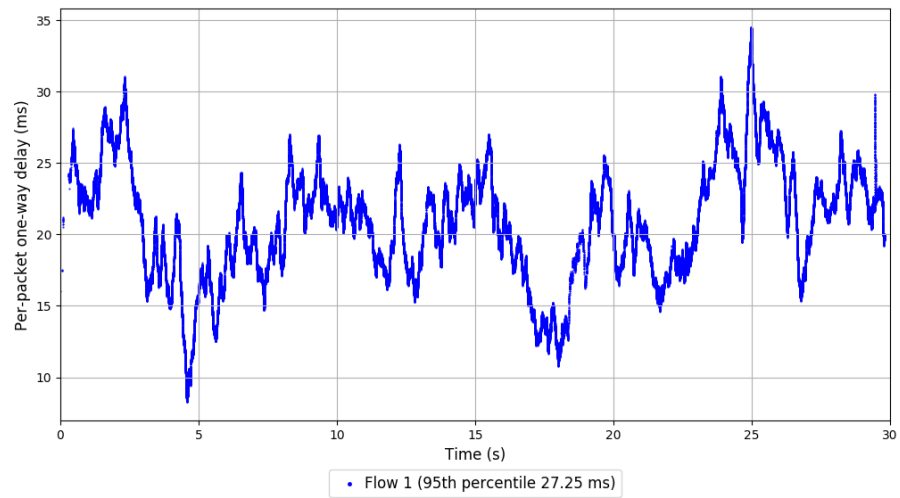
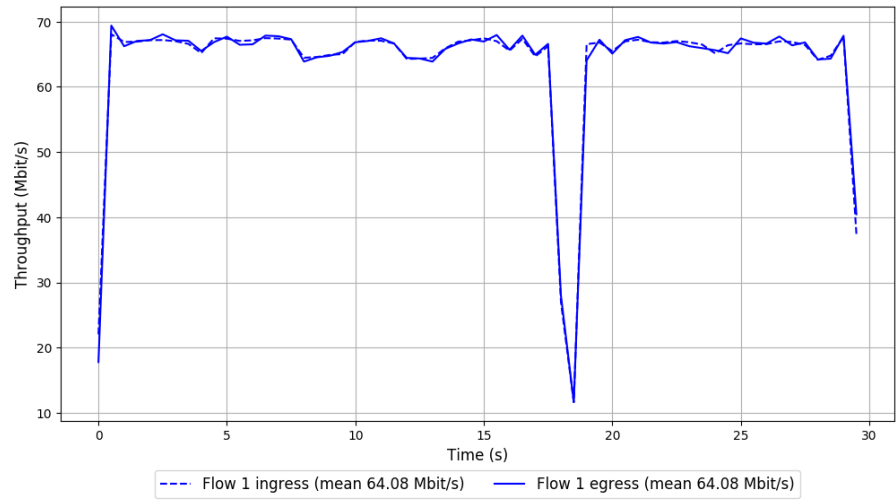


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-08 23:31:37
End at: 2018-01-08 23:32:07
Local clock offset: 13.384 ms
Remote clock offset: -0.463 ms

Below is generated by plot.py at 2018-01-09 01:26:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 27.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 27.253 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

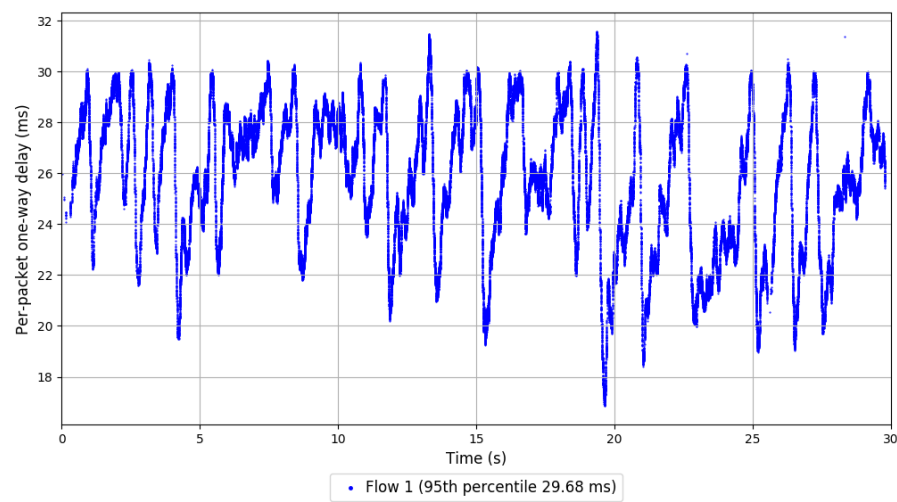
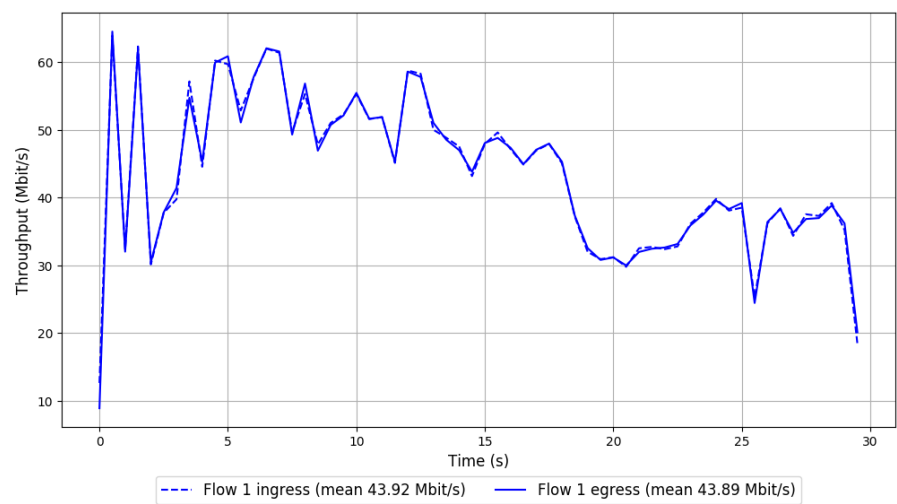


Run 8: Statistics of QUIC Cubic

Start at: 2018-01-08 23:48:37
End at: 2018-01-08 23:49:07
Local clock offset: 22.788 ms
Remote clock offset: -0.565 ms

Below is generated by plot.py at 2018-01-09 01:26:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 29.685 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 43.89 Mbit/s
95th percentile per-packet one-way delay: 29.685 ms
Loss rate: 0.07%

Run 8: Report of QUIC Cubic — Data Link

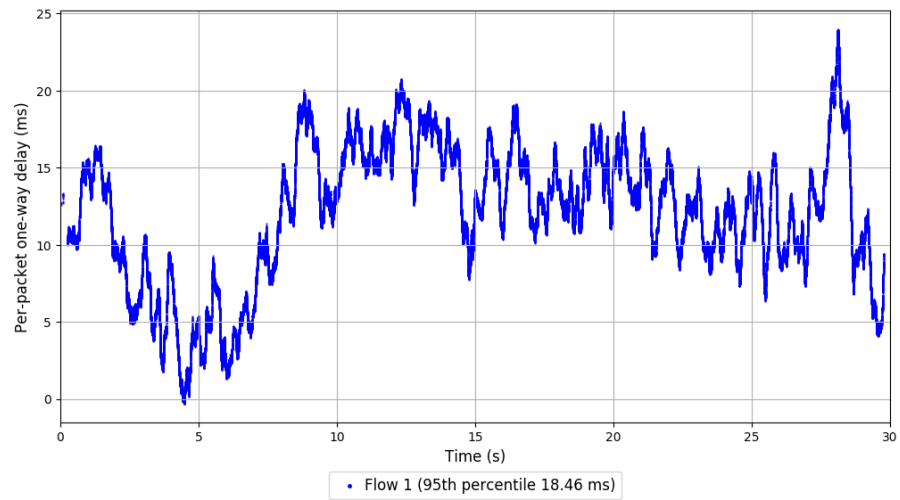
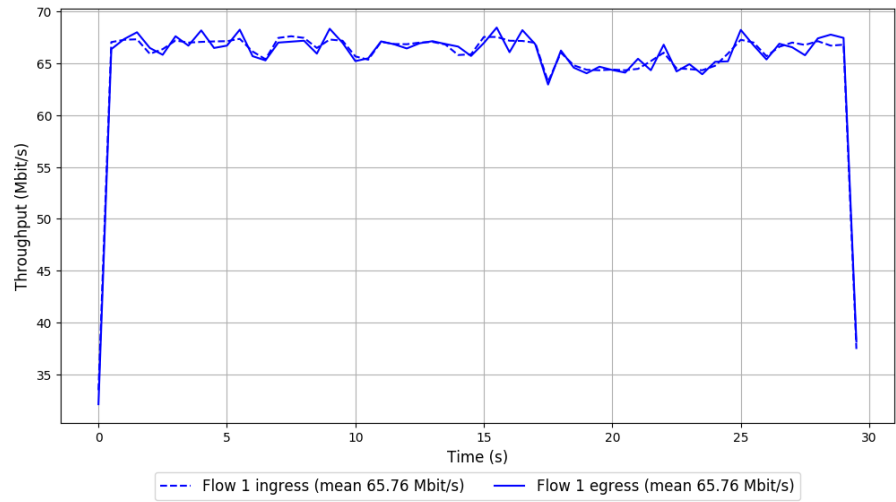


Run 9: Statistics of QUIC Cubic

Start at: 2018-01-09 00:05:35
End at: 2018-01-09 00:06:05
Local clock offset: 11.204 ms
Remote clock offset: -0.558 ms

Below is generated by plot.py at 2018-01-09 01:27:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.76 Mbit/s
95th percentile per-packet one-way delay: 18.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.76 Mbit/s
95th percentile per-packet one-way delay: 18.456 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

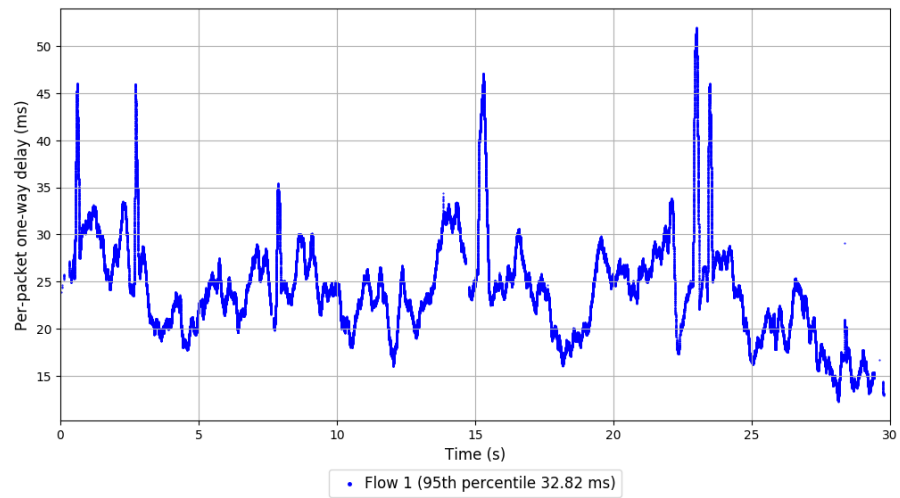
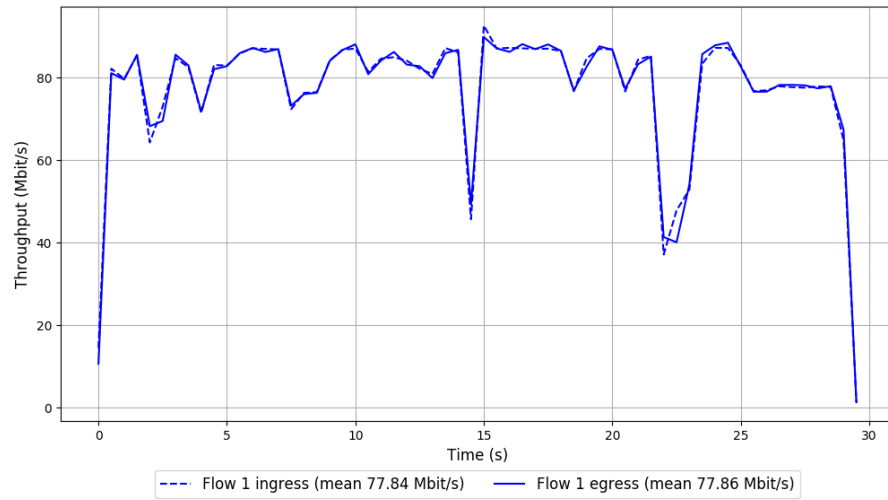


Run 10: Statistics of QUIC Cubic

Start at: 2018-01-09 00:22:36
End at: 2018-01-09 00:23:06
Local clock offset: 18.698 ms
Remote clock offset: -0.498 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 32.817 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 32.817 ms
Loss rate: 0.01%

Run 10: Report of QUIC Cubic — Data Link

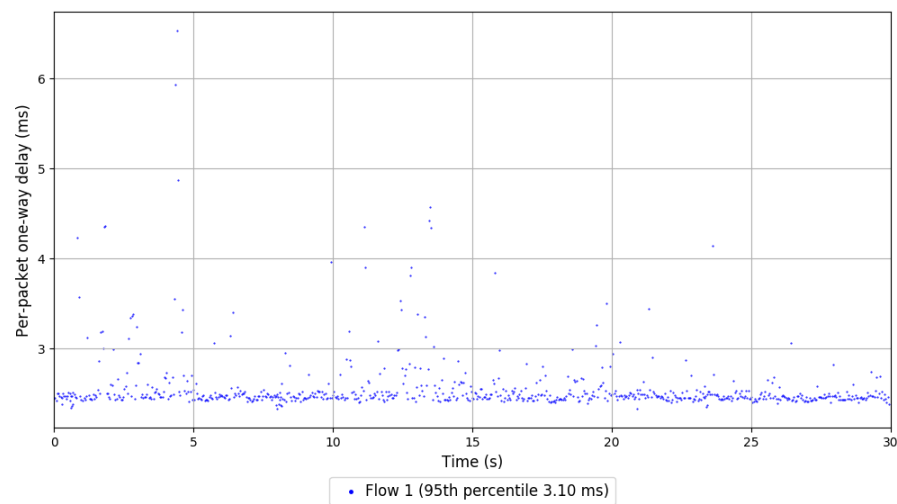
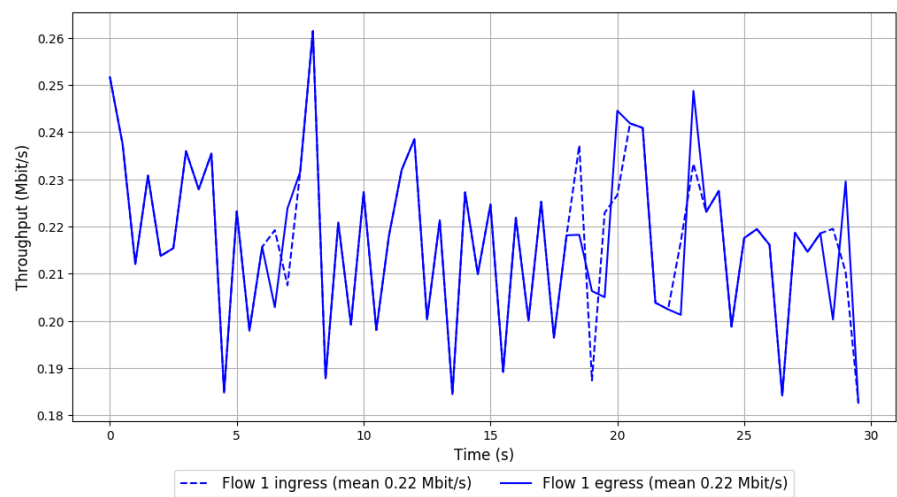


```
Run 1: Statistics of SCReAM

Start at: 2018-01-08 21:51:12
End at: 2018-01-08 21:51:42
Local clock offset: 0.837 ms
Remote clock offset: 0.261 ms

# Below is generated by plot.py at 2018-01-09 01:27:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.104 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

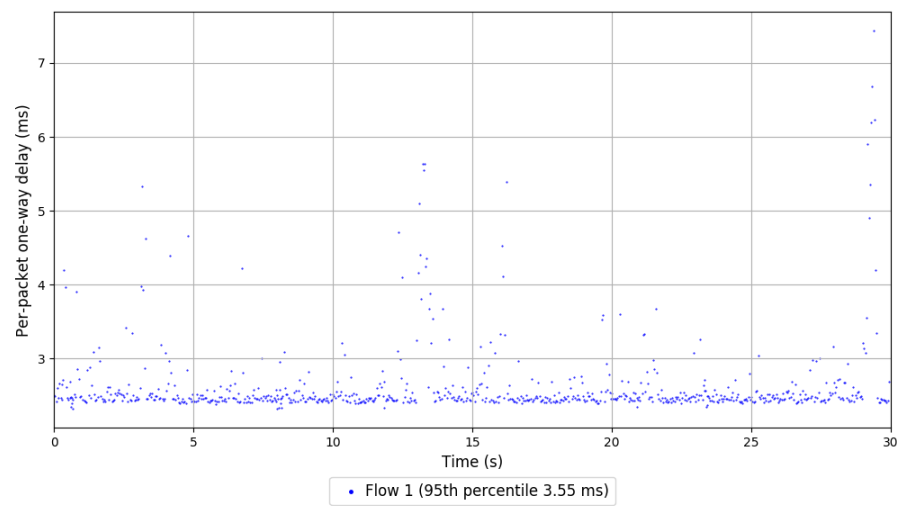
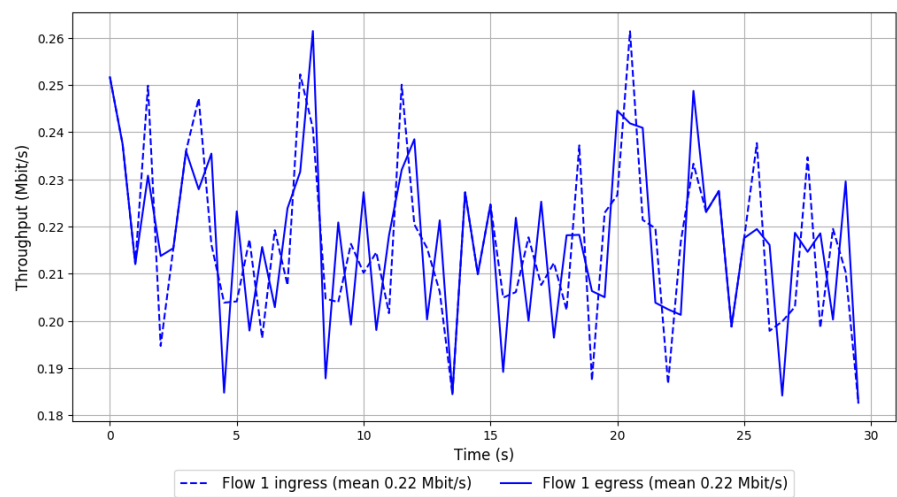


```
Run 2: Statistics of SCReAM

Start at: 2018-01-08 22:08:10
End at: 2018-01-08 22:08:40
Local clock offset: 0.772 ms
Remote clock offset: 0.061 ms

# Below is generated by plot.py at 2018-01-09 01:27:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.553 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.553 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

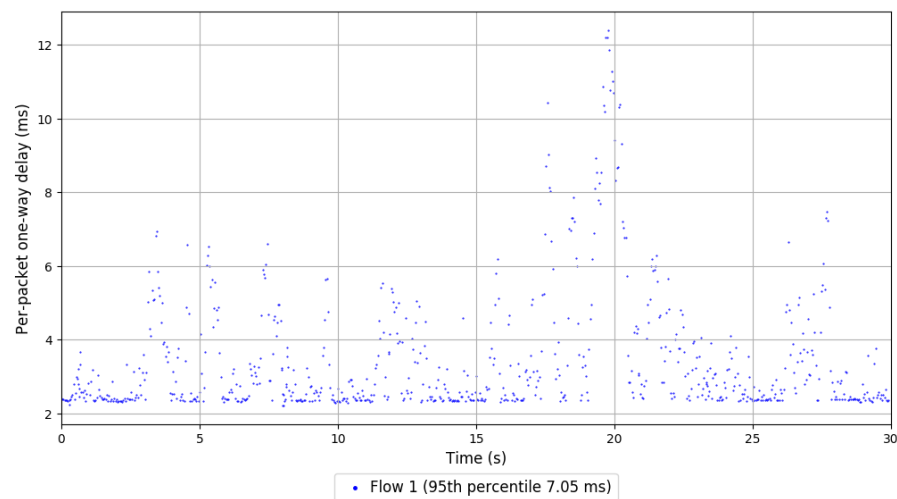
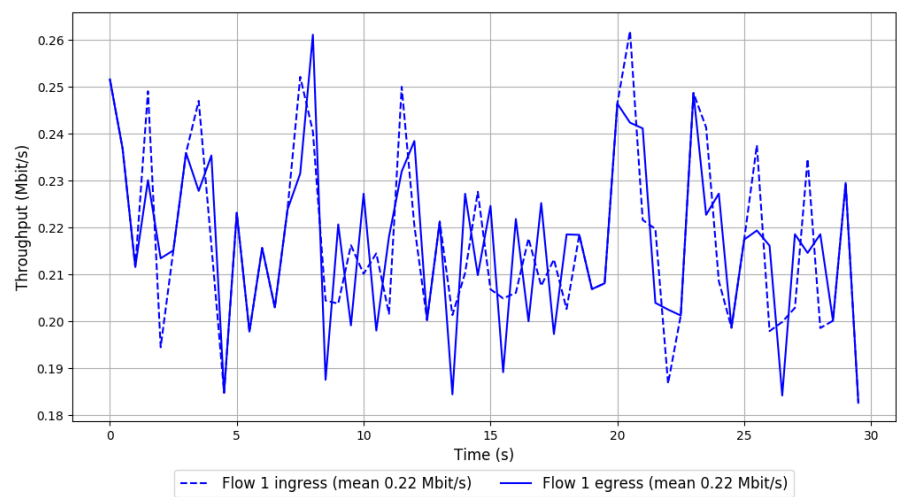


Run 3: Statistics of SCReAM

Start at: 2018-01-08 22:25:10
End at: 2018-01-08 22:25:40
Local clock offset: 0.895 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 7.049 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 7.049 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

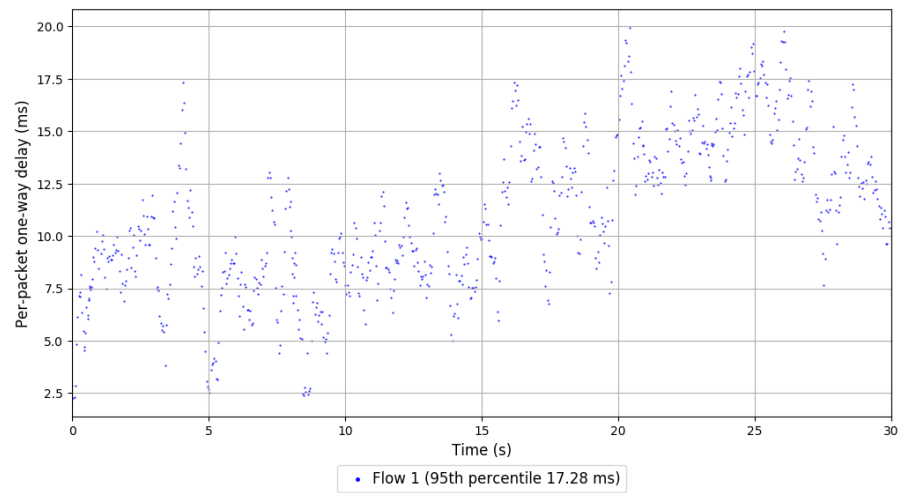
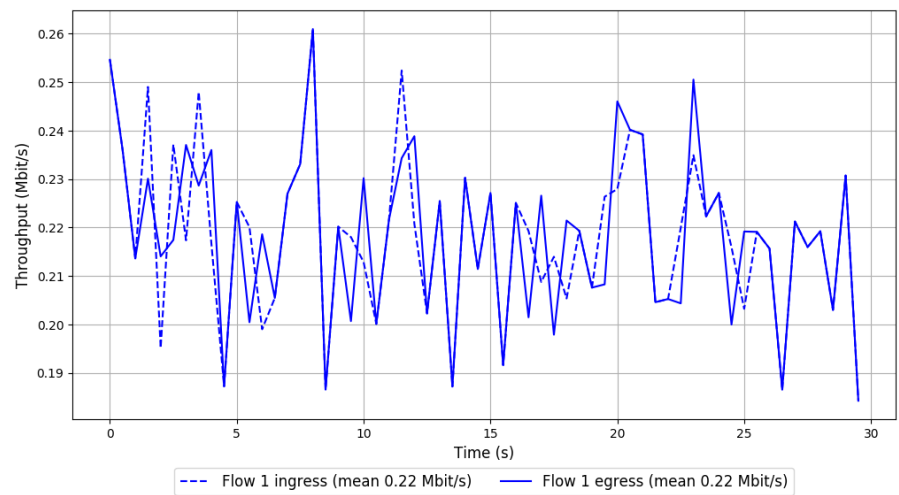


Run 4: Statistics of SCReAM

Start at: 2018-01-08 22:42:06
End at: 2018-01-08 22:42:36
Local clock offset: 0.913 ms
Remote clock offset: -0.341 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.281 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.281 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

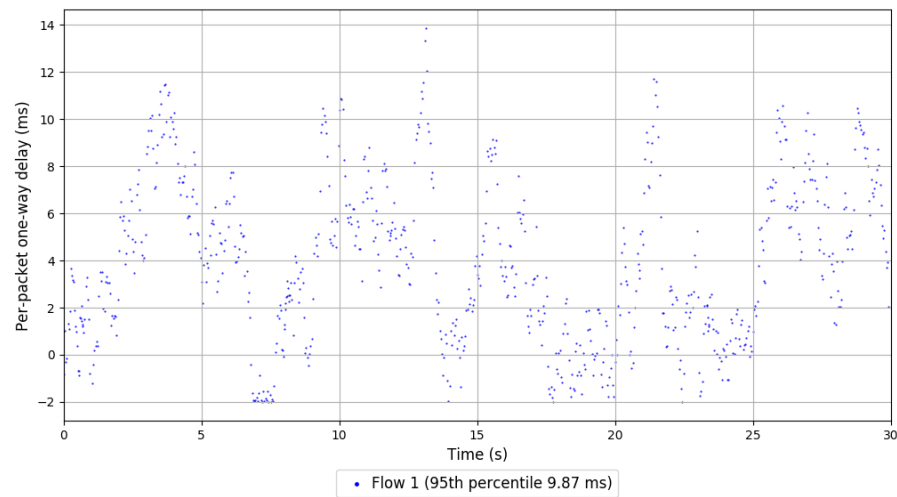
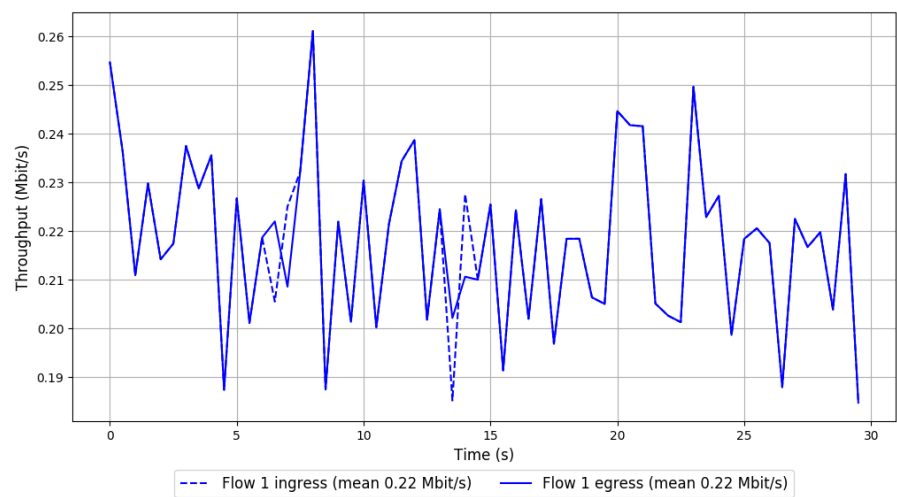


Run 5: Statistics of SCReAM

Start at: 2018-01-08 22:58:59
End at: 2018-01-08 22:59:29
Local clock offset: 5.217 ms
Remote clock offset: -0.431 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.870 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.870 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

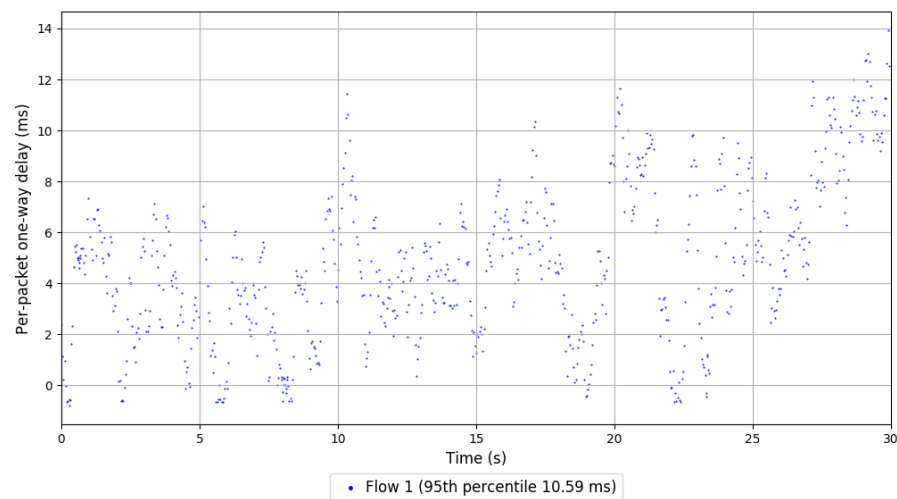
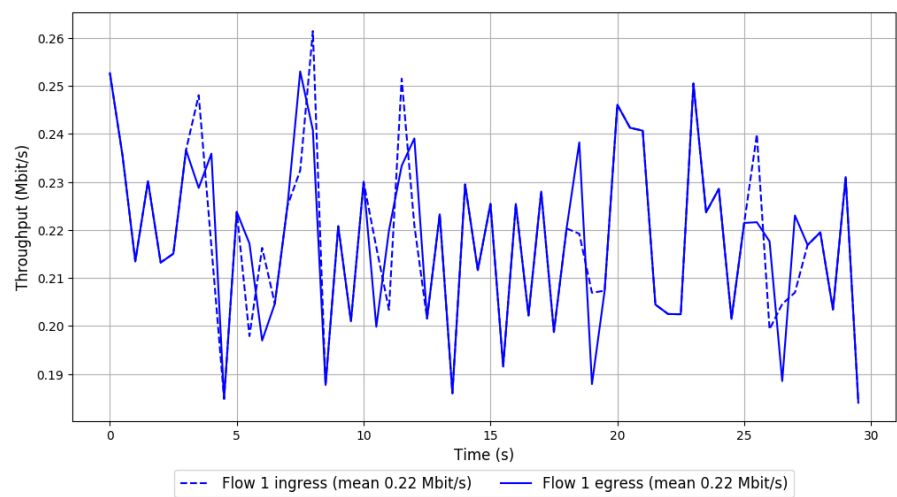


Run 6: Statistics of SCReAM

Start at: 2018-01-08 23:15:53
End at: 2018-01-08 23:16:23
Local clock offset: 3.92 ms
Remote clock offset: -0.452 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.588 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

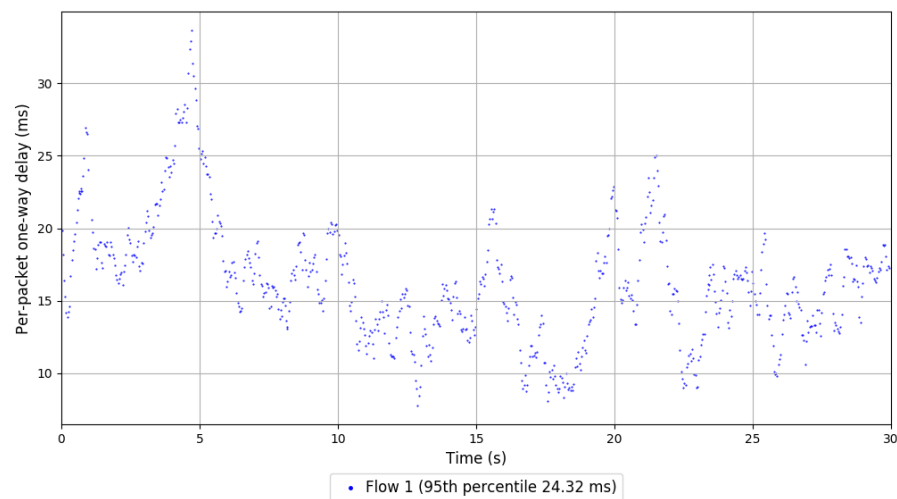
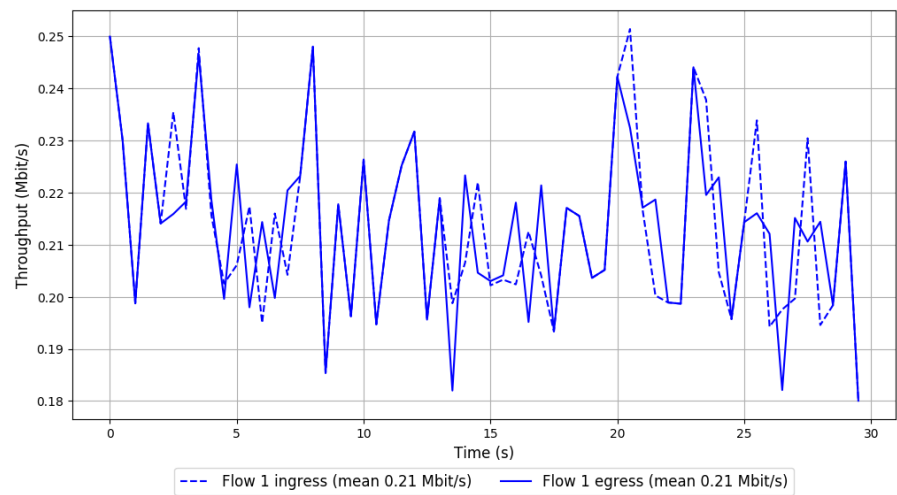


Run 7: Statistics of SCReAM

Start at: 2018-01-08 23:32:45
End at: 2018-01-08 23:33:15
Local clock offset: 11.117 ms
Remote clock offset: -0.441 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.317 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

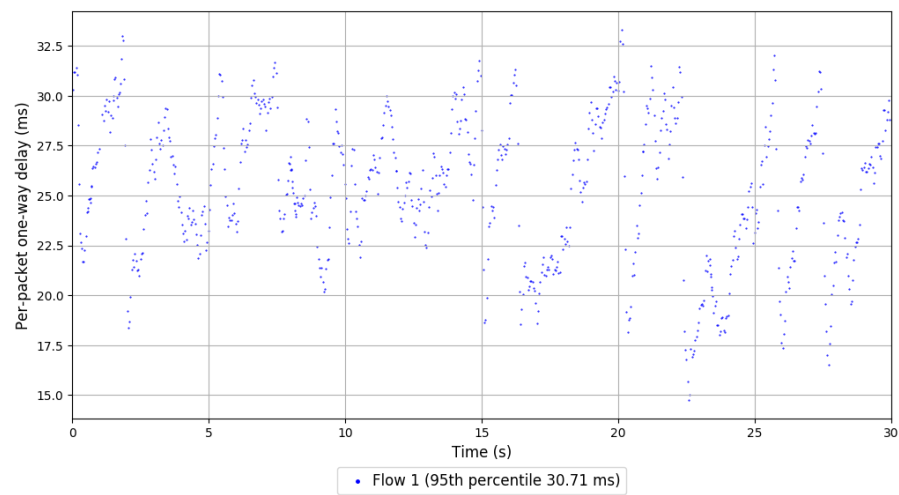
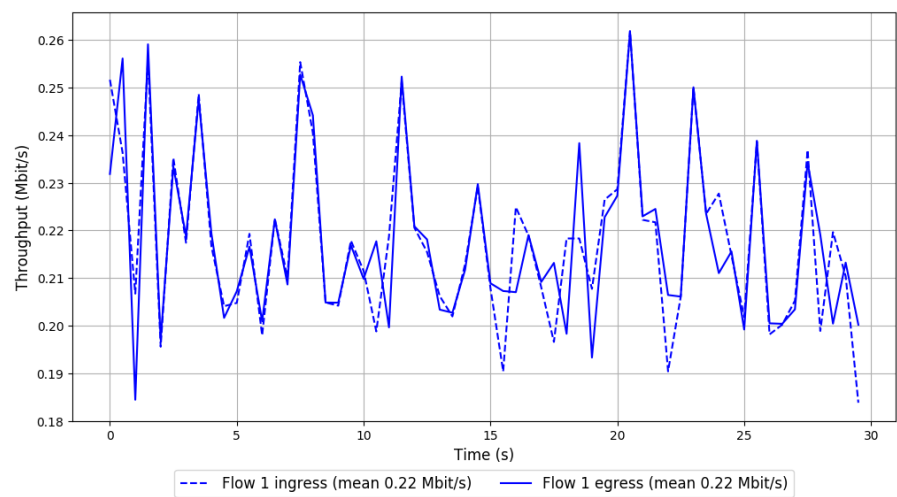


Run 8: Statistics of SCReAM

Start at: 2018-01-08 23:49:45
End at: 2018-01-08 23:50:15
Local clock offset: 21.293 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

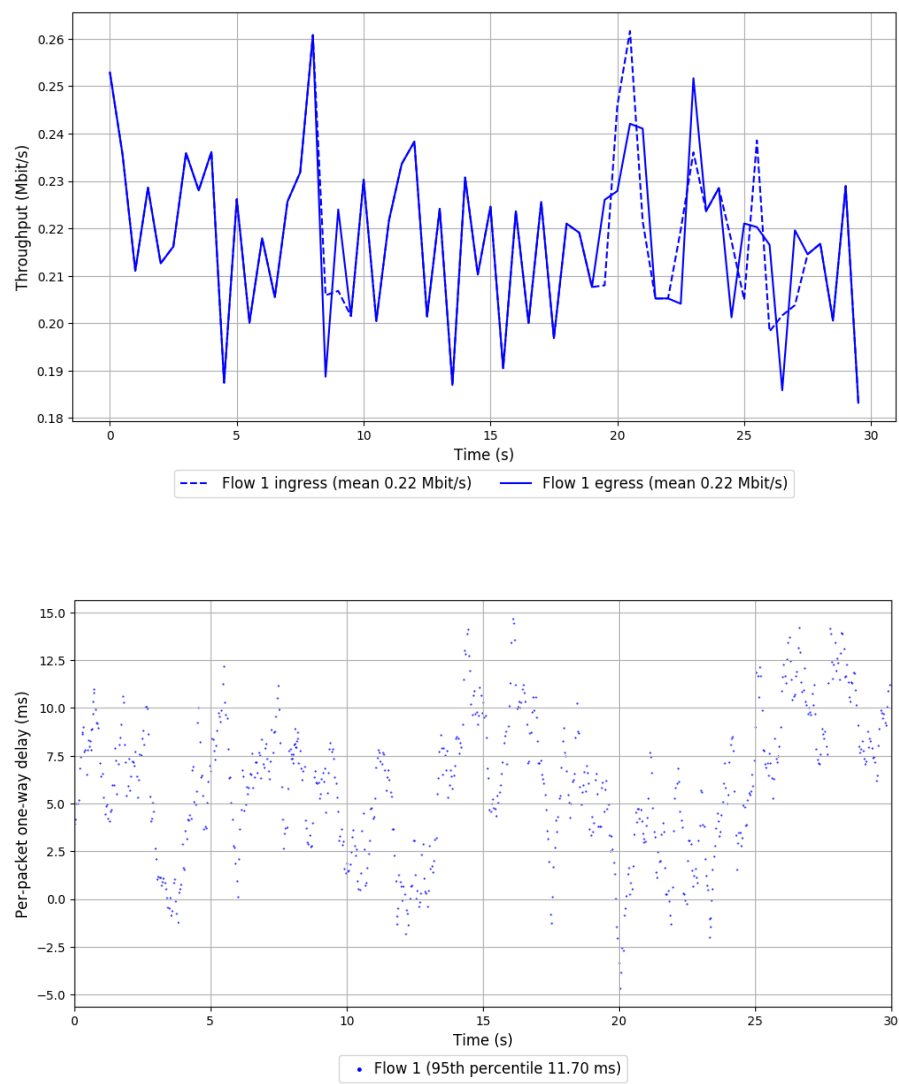


Run 9: Statistics of SCReAM

Start at: 2018-01-09 00:06:42
End at: 2018-01-09 00:07:12
Local clock offset: 8.198 ms
Remote clock offset: -0.479 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.702 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.702 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

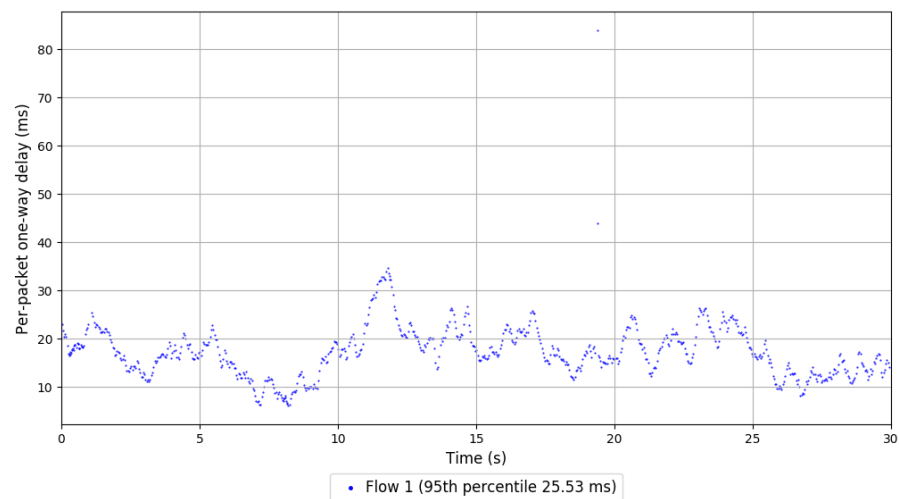
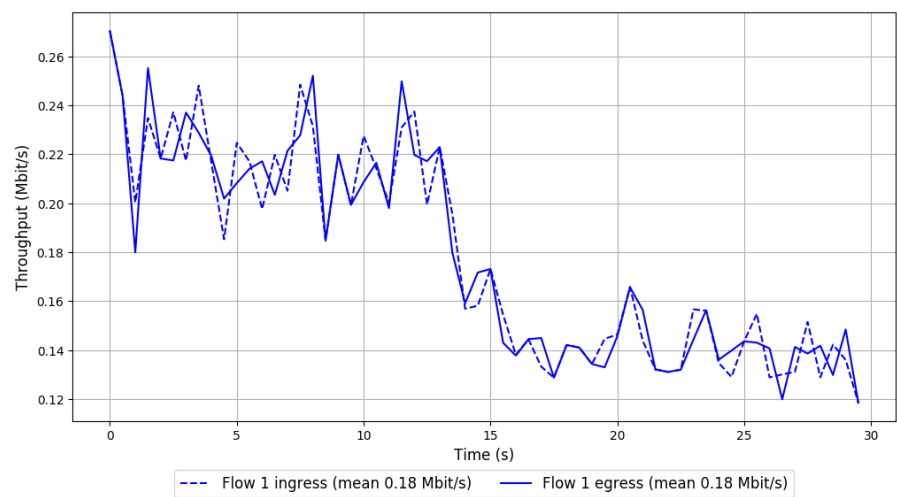


Run 10: Statistics of SReAM

Start at: 2018-01-09 00:23:45
End at: 2018-01-09 00:24:15
Local clock offset: 17.641 ms
Remote clock offset: -0.429 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 25.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 25.531 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-01-08 21:49:04

End at: 2018-01-08 21:49:34

Local clock offset: 0.821 ms

Remote clock offset: 0.181 ms

Below is generated by plot.py at 2018-01-09 01:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.075 ms

Loss rate: 0.00%

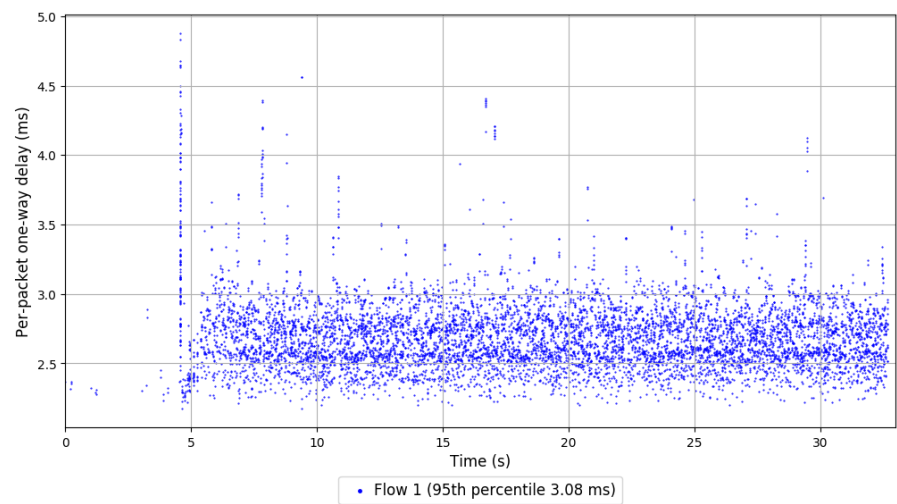
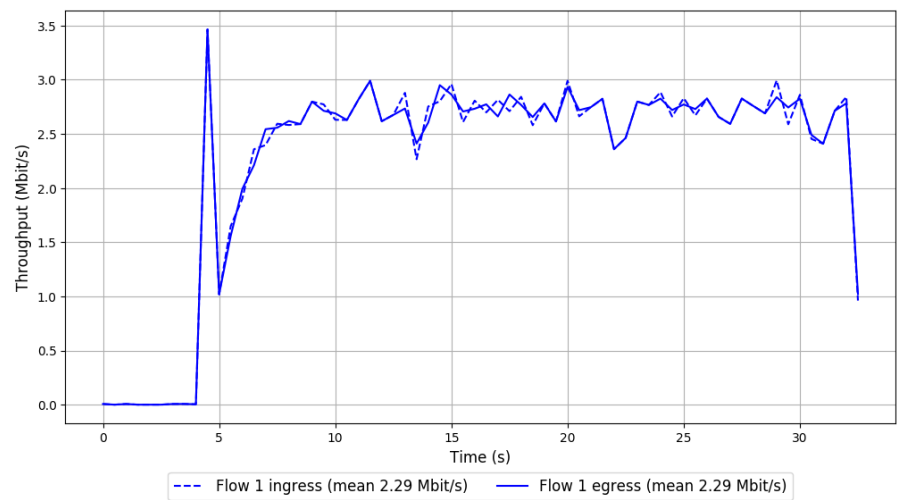
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.075 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-01-08 22:06:00

End at: 2018-01-08 22:06:30

Local clock offset: 0.867 ms

Remote clock offset: 0.093 ms

Below is generated by plot.py at 2018-01-09 01:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.367 ms

Loss rate: 0.00%

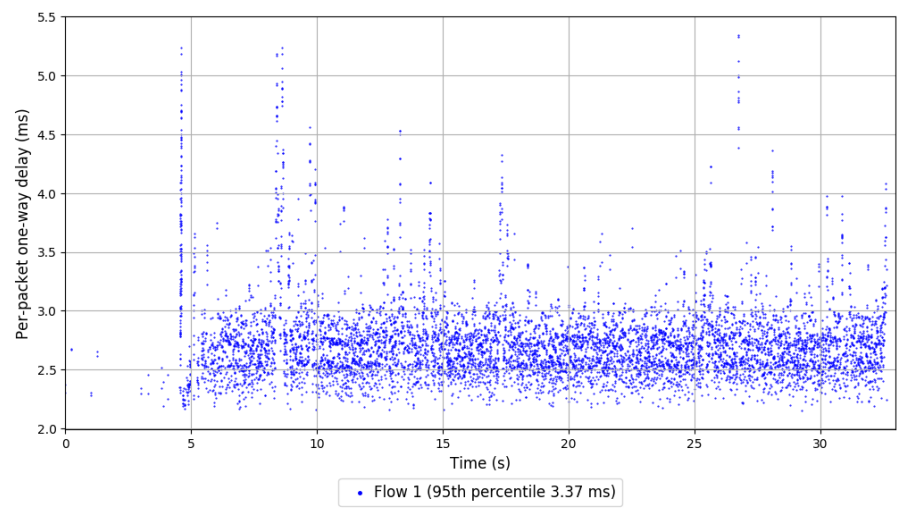
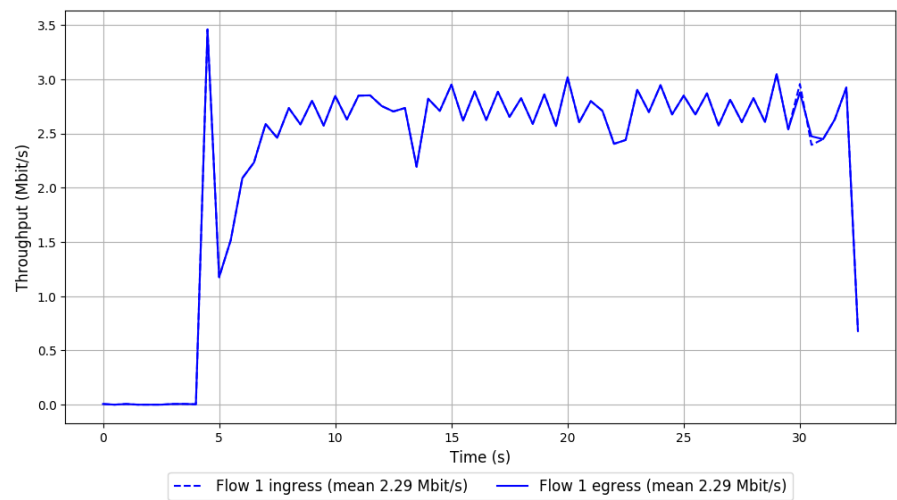
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 3.367 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

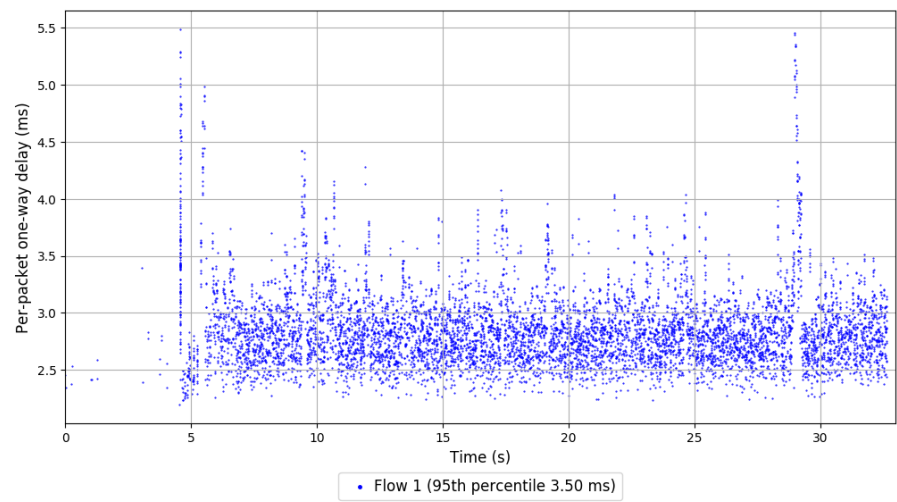
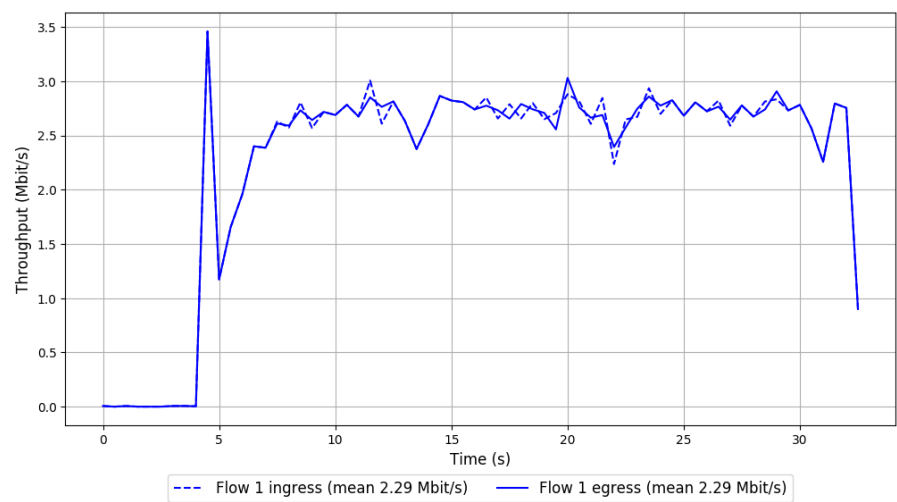


Run 3: Statistics of WebRTC media

Start at: 2018-01-08 22:22:58
End at: 2018-01-08 22:23:28
Local clock offset: 0.842 ms
Remote clock offset: -0.057 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 3.499 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 3.499 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

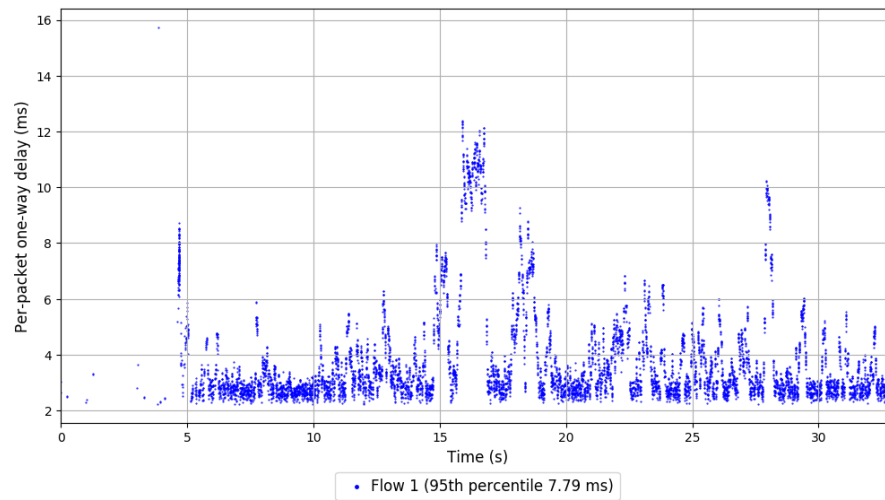
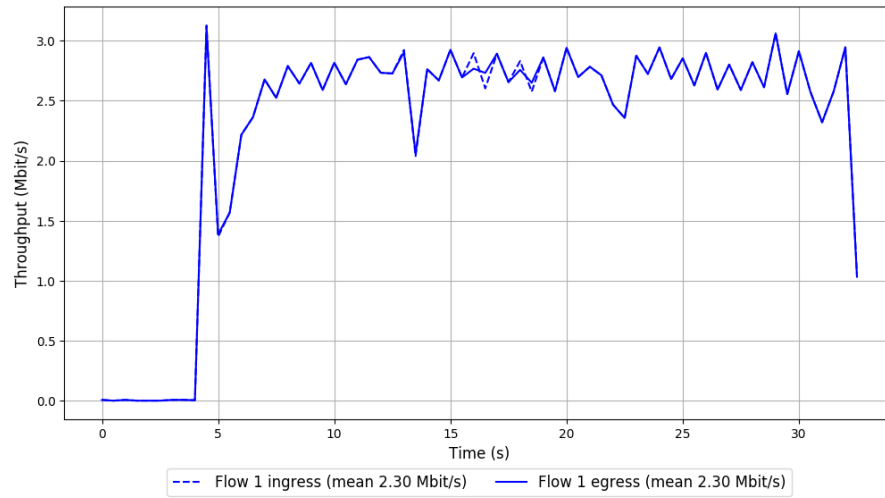


Run 4: Statistics of WebRTC media

Start at: 2018-01-08 22:39:55
End at: 2018-01-08 22:40:25
Local clock offset: 0.856 ms
Remote clock offset: -0.262 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 7.788 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 7.788 ms
Loss rate: 0.01%

Run 4: Report of WebRTC media — Data Link

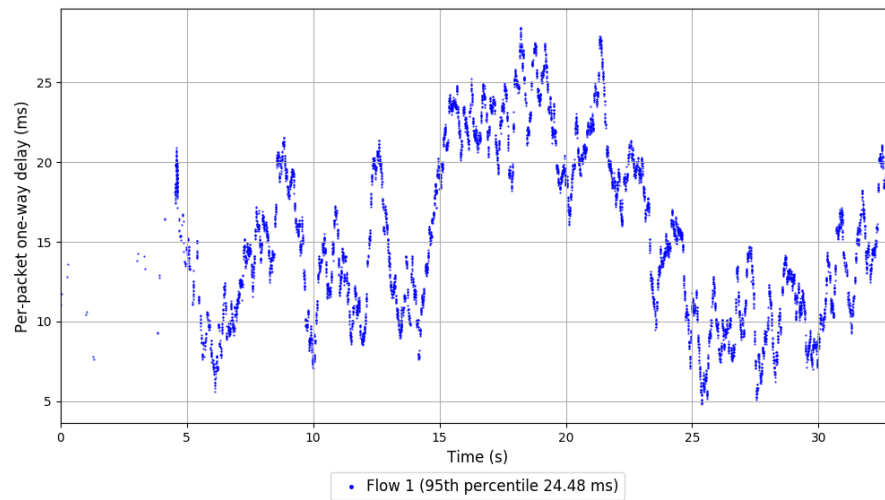
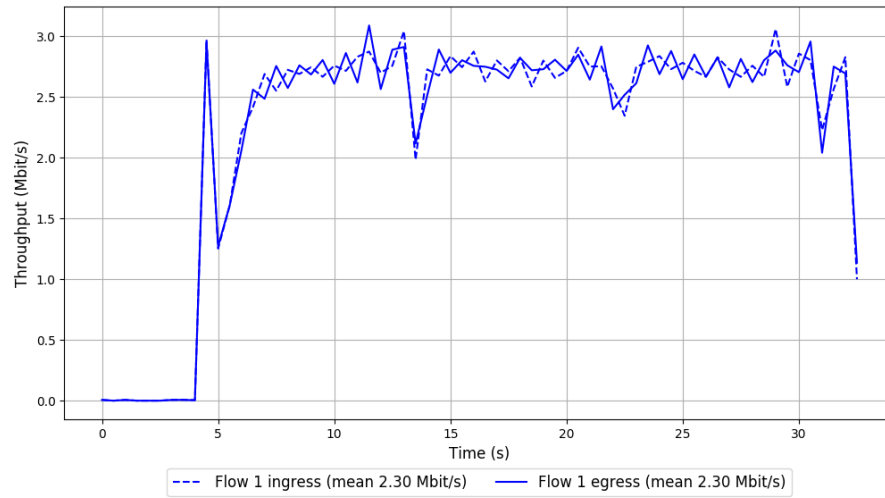


Run 5: Statistics of WebRTC media

Start at: 2018-01-08 22:56:46
End at: 2018-01-08 22:57:16
Local clock offset: 4.987 ms
Remote clock offset: -0.397 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 24.477 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-01-08 23:13:40

End at: 2018-01-08 23:14:10

Local clock offset: 3.929 ms

Remote clock offset: -0.51 ms

Below is generated by plot.py at 2018-01-09 01:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 17.255 ms

Loss rate: 0.00%

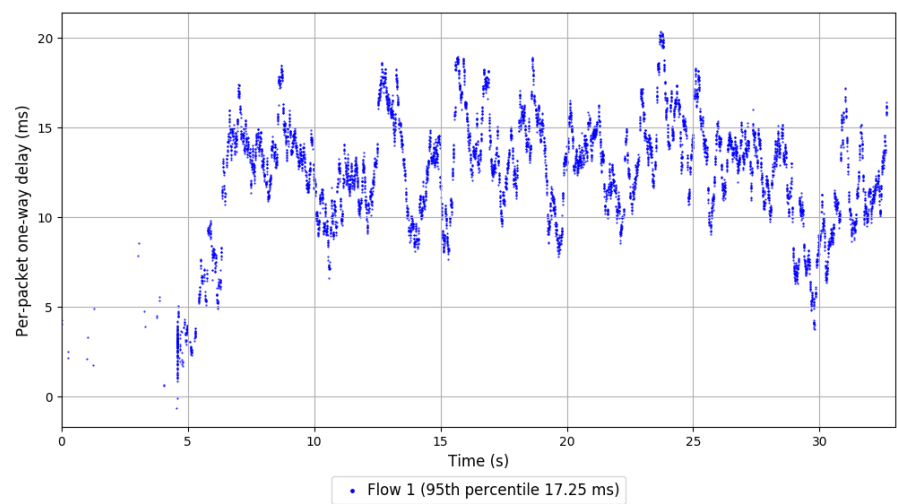
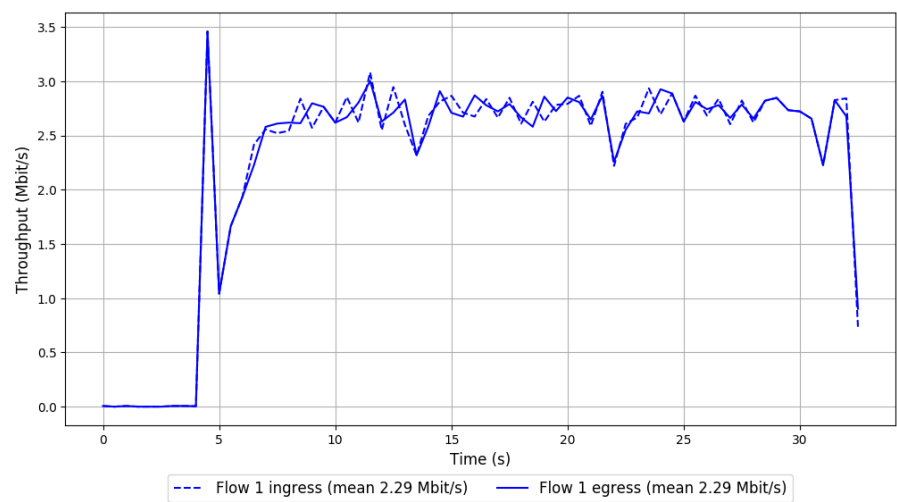
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 17.255 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-01-08 23:30:32

End at: 2018-01-08 23:31:02

Local clock offset: 7.437 ms

Remote clock offset: -0.51 ms

Below is generated by plot.py at 2018-01-09 01:27:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 23.081 ms

Loss rate: 0.00%

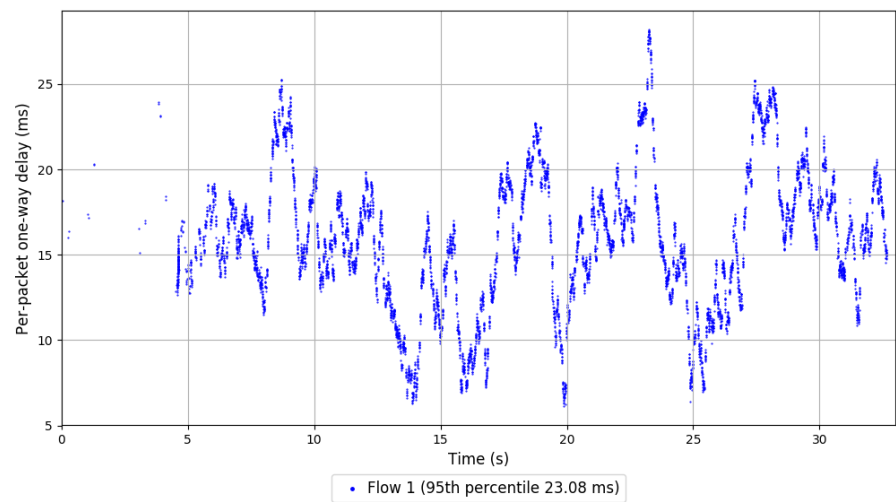
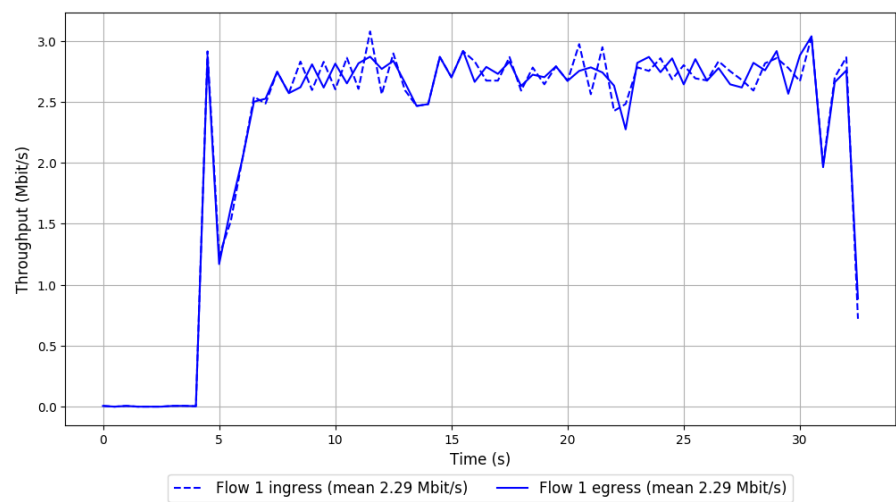
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 23.081 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

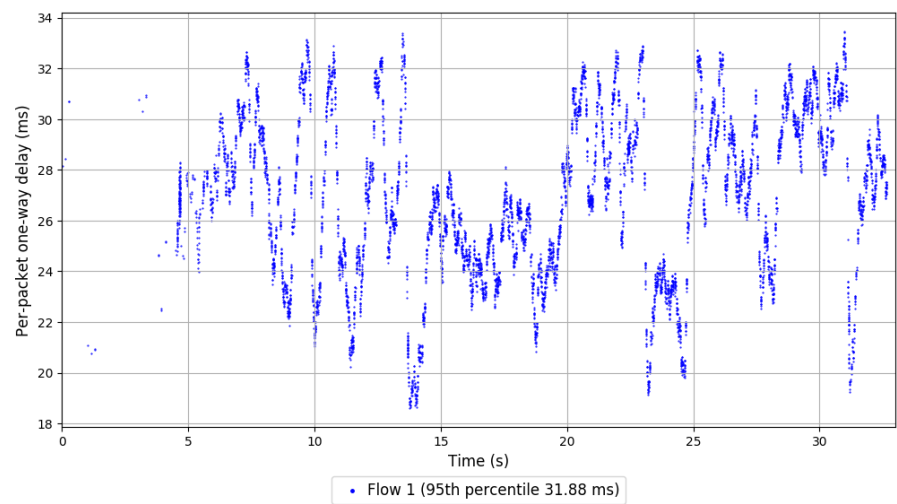
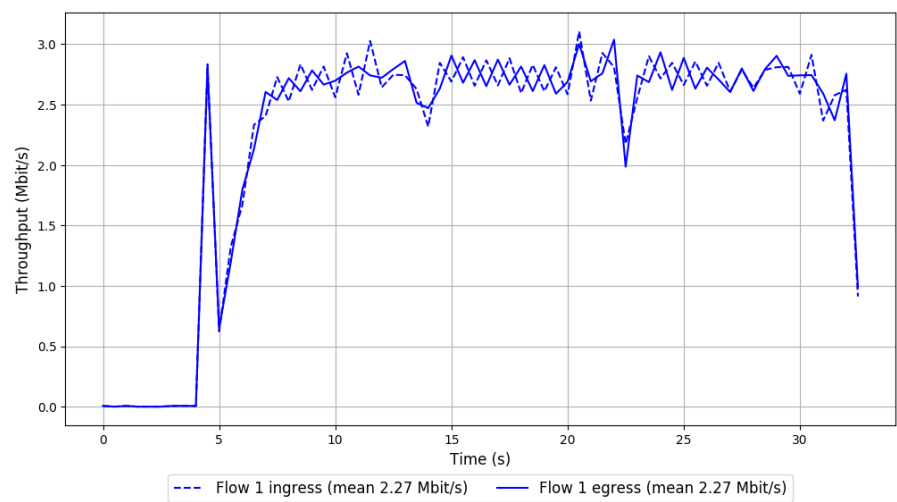


Run 8: Statistics of WebRTC media

Start at: 2018-01-08 23:47:32
End at: 2018-01-08 23:48:02
Local clock offset: 21.671 ms
Remote clock offset: -0.509 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 31.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 31.884 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

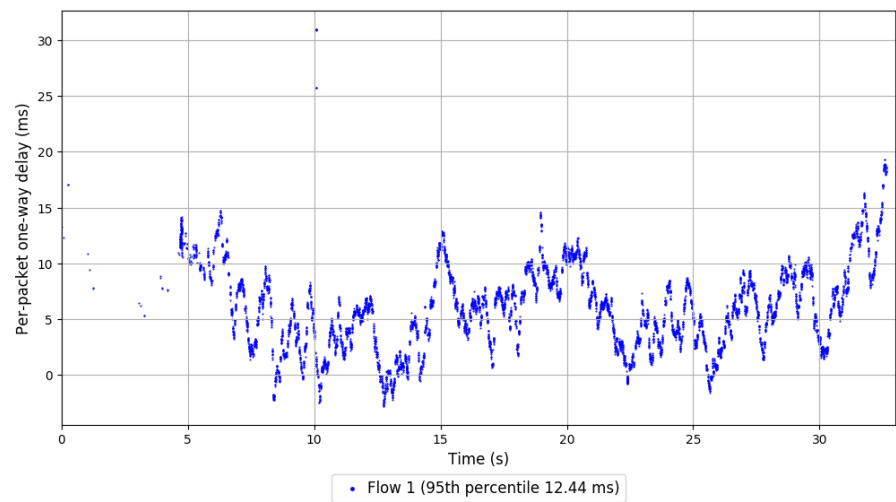
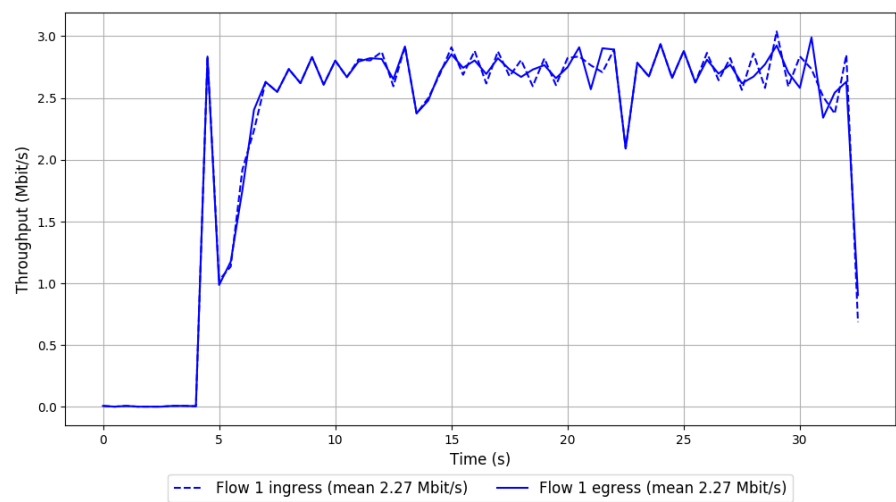


Run 9: Statistics of WebRTC media

Start at: 2018-01-09 00:04:30
End at: 2018-01-09 00:05:00
Local clock offset: 16.469 ms
Remote clock offset: -0.541 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 12.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 12.442 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

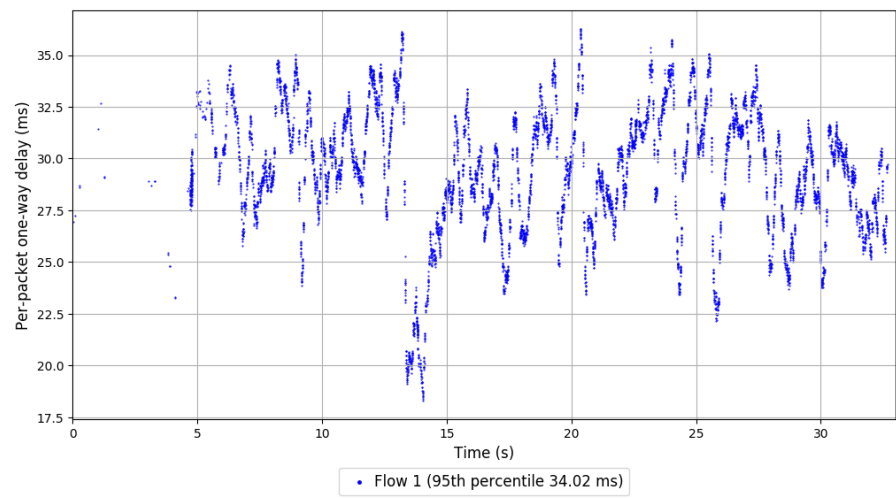
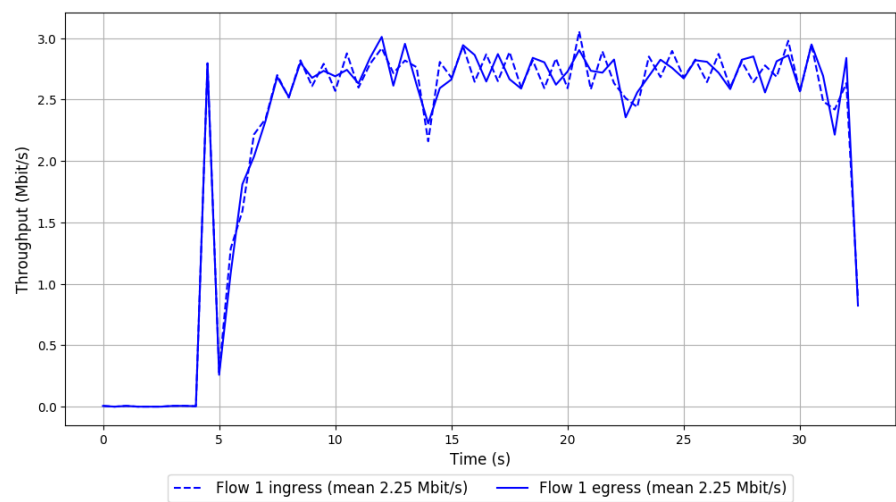


Run 10: Statistics of WebRTC media

Start at: 2018-01-09 00:21:31
End at: 2018-01-09 00:22:01
Local clock offset: 17.53 ms
Remote clock offset: -0.516 ms

Below is generated by plot.py at 2018-01-09 01:27:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 34.025 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 34.025 ms
Loss rate: 0.08%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

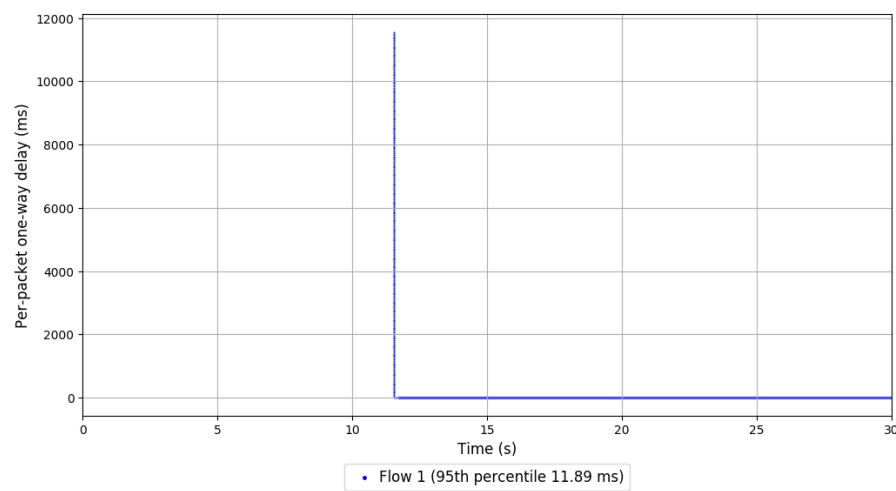
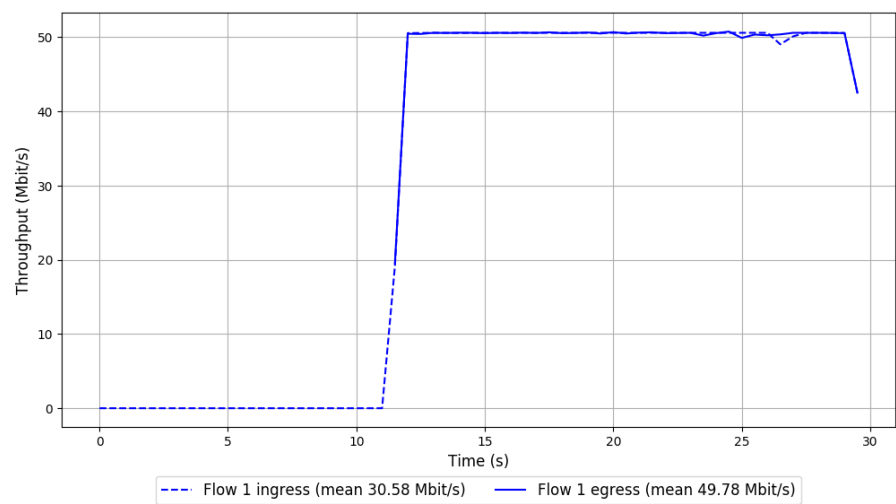
Start at: 2018-01-08 21:44:33

End at: 2018-01-08 21:45:03

Local clock offset: 0.981 ms

Remote clock offset: 0.281 ms

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-01-08 22:01:28

End at: 2018-01-08 22:01:58

Local clock offset: 0.842 ms

Remote clock offset: 0.134 ms

Below is generated by plot.py at 2018-01-09 01:27:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 11.855 ms

Loss rate: 0.00%

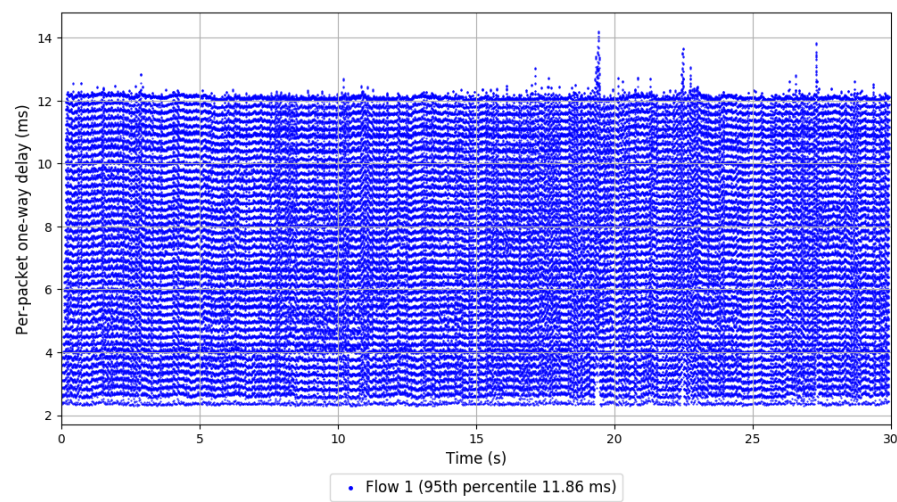
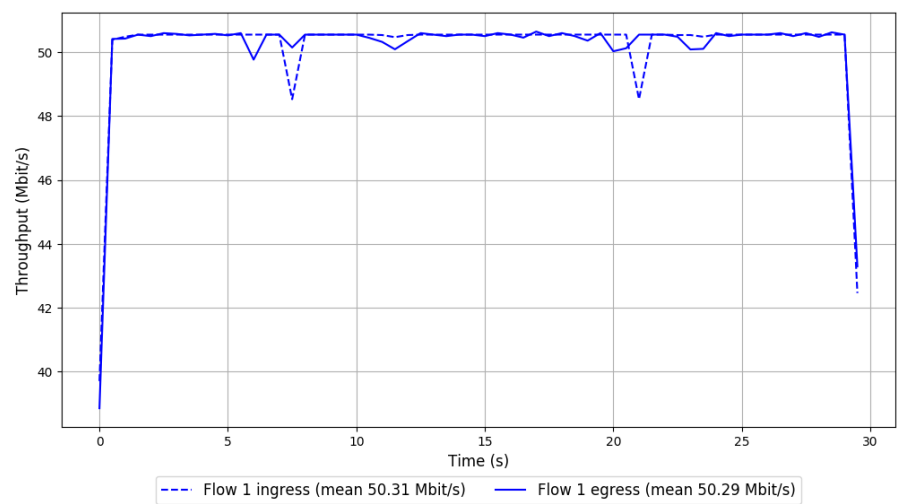
-- Flow 1:

Average throughput: 50.29 Mbit/s

95th percentile per-packet one-way delay: 11.855 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

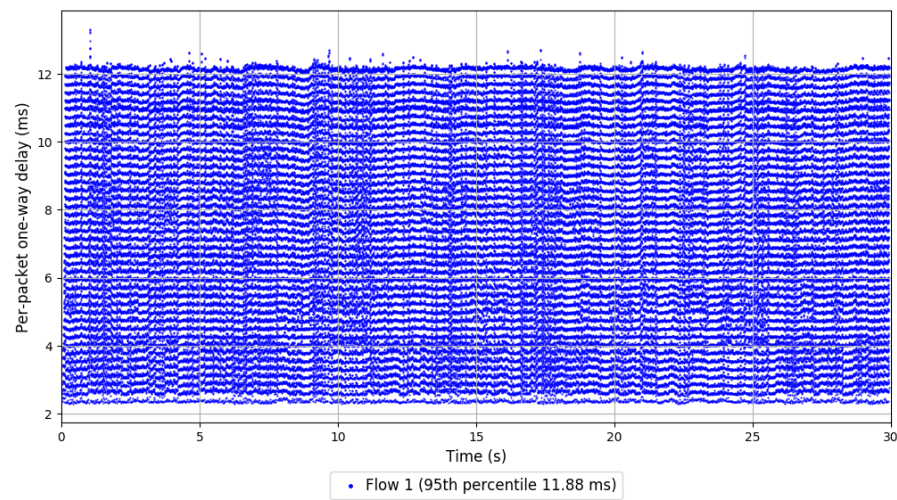
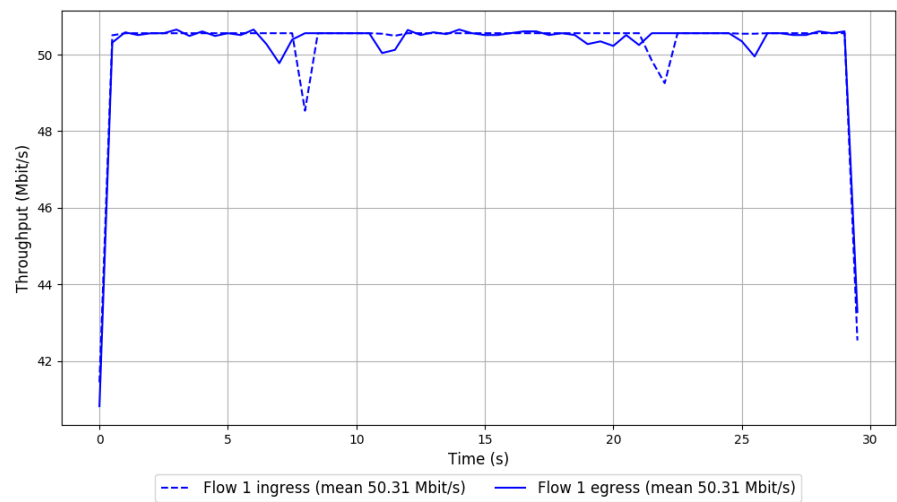


Run 3: Statistics of Sprout

Start at: 2018-01-08 22:18:26
End at: 2018-01-08 22:18:57
Local clock offset: 0.82 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-01-09 01:27:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 11.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 11.885 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-01-08 22:35:23

End at: 2018-01-08 22:35:53

Local clock offset: 0.942 ms

Remote clock offset: -0.25 ms

Below is generated by plot.py at 2018-01-09 01:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 12.124 ms

Loss rate: 0.00%

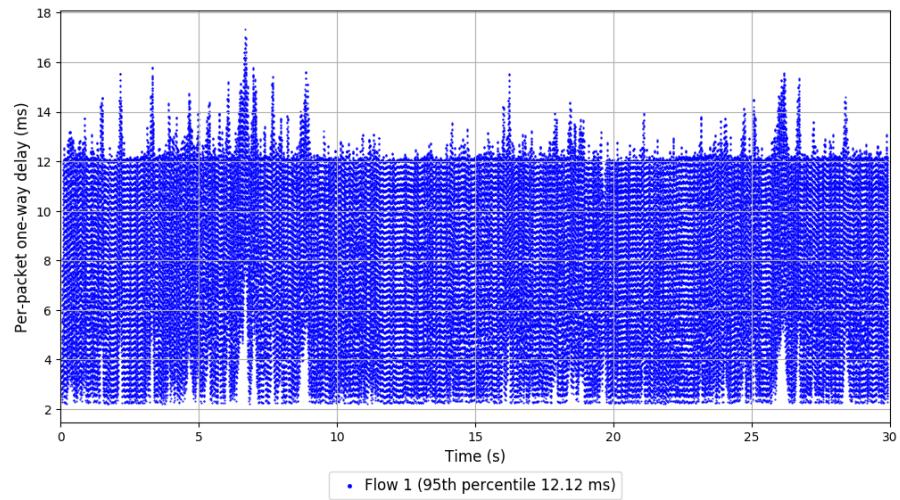
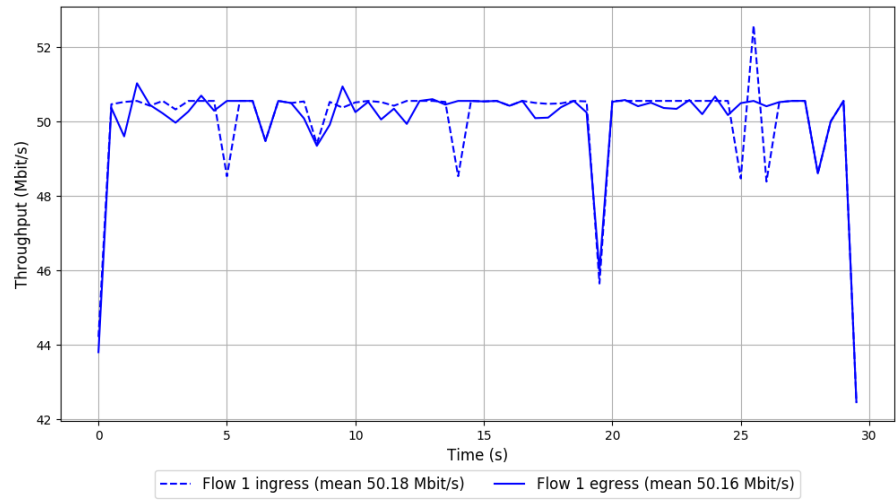
-- Flow 1:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 12.124 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

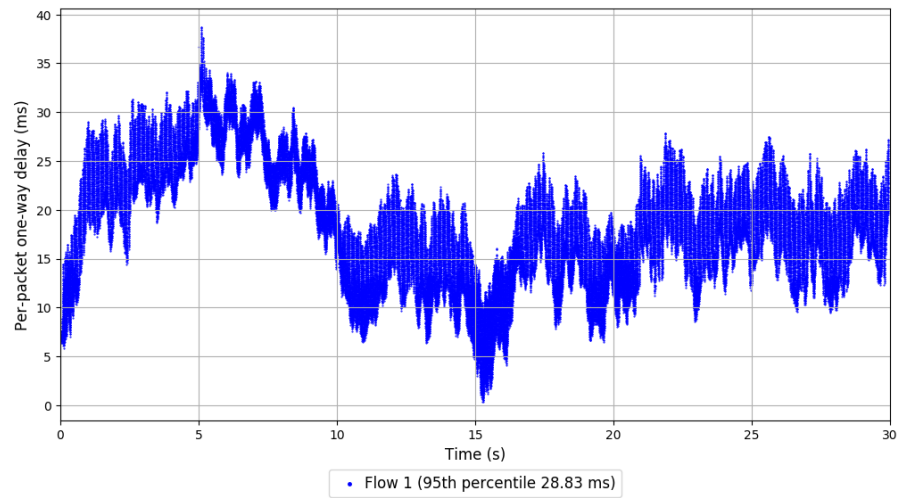
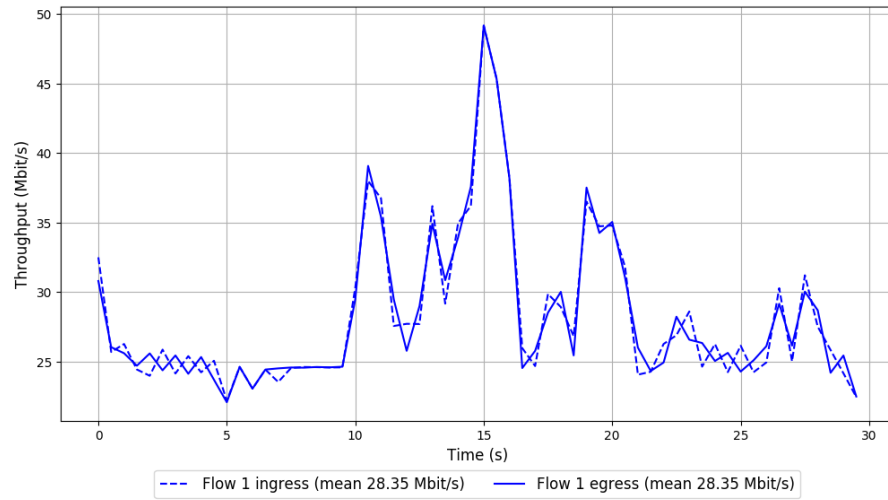


Run 5: Statistics of Sprout

Start at: 2018-01-08 22:52:13
End at: 2018-01-08 22:52:43
Local clock offset: 3.428 ms
Remote clock offset: -0.336 ms

Below is generated by plot.py at 2018-01-09 01:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 28.830 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 28.35 Mbit/s
95th percentile per-packet one-way delay: 28.830 ms
Loss rate: 0.02%

Run 5: Report of Sprout — Data Link

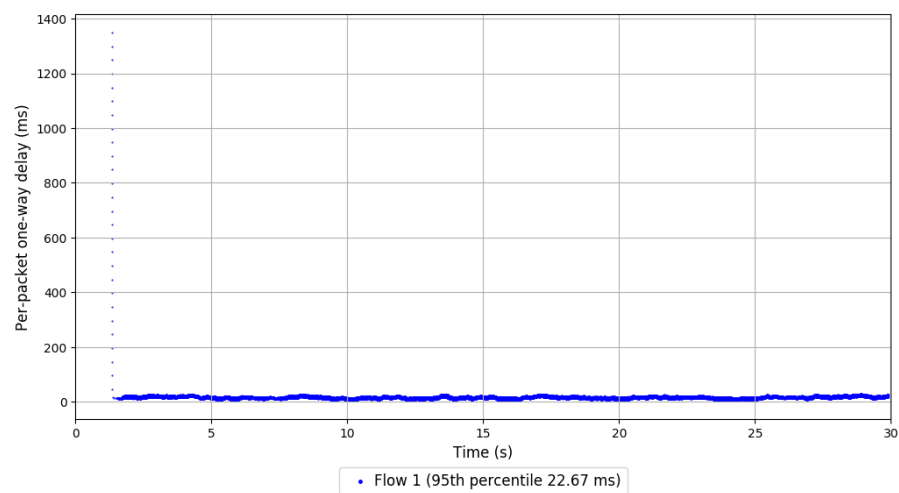
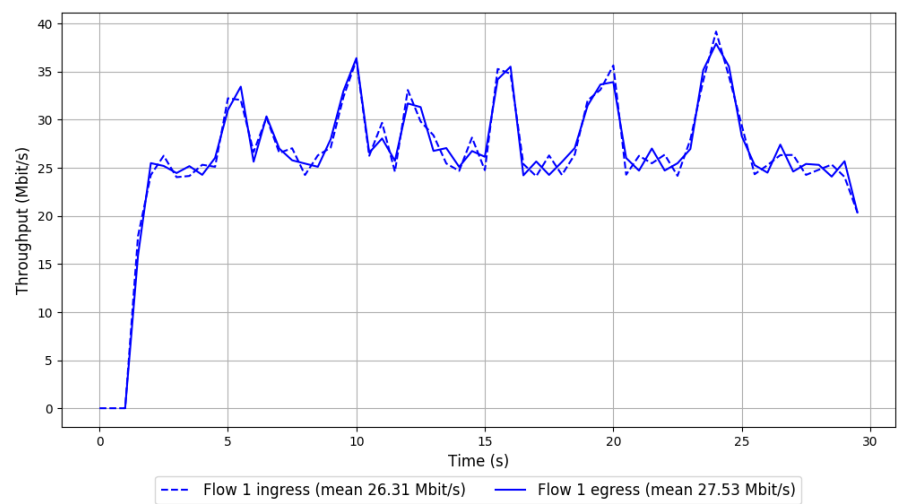


Run 6: Statistics of Sprout

Start at: 2018-01-08 23:09:06
End at: 2018-01-08 23:09:36
Local clock offset: 5.19 ms
Remote clock offset: -0.408 ms

Below is generated by plot.py at 2018-01-09 01:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.53 Mbit/s
95th percentile per-packet one-way delay: 22.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.53 Mbit/s
95th percentile per-packet one-way delay: 22.673 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

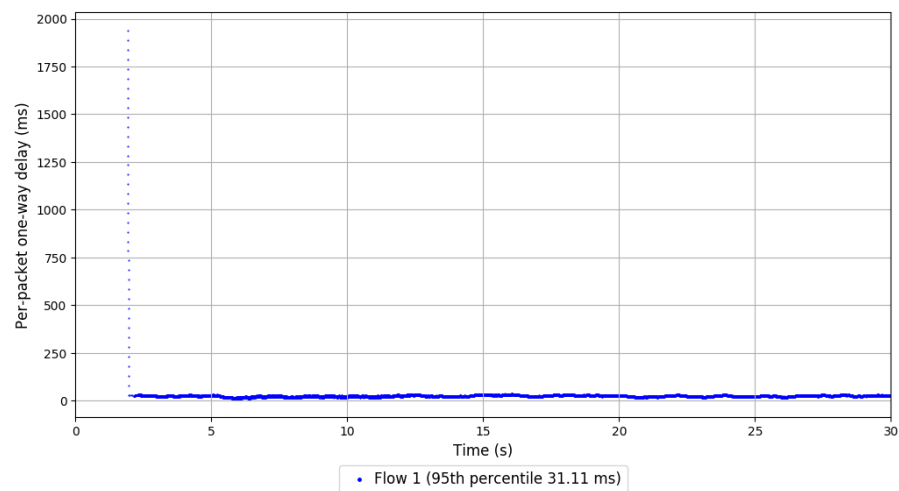
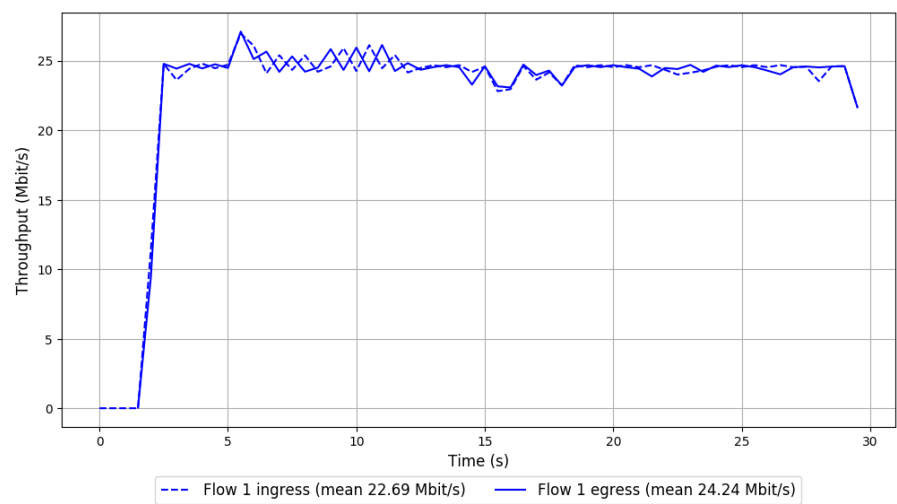


Run 7: Statistics of Sprout

Start at: 2018-01-08 23:25:59
End at: 2018-01-08 23:26:29
Local clock offset: 3.758 ms
Remote clock offset: -0.448 ms

Below is generated by plot.py at 2018-01-09 01:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 31.115 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 31.115 ms
Loss rate: 0.07%

Run 7: Report of Sprout — Data Link

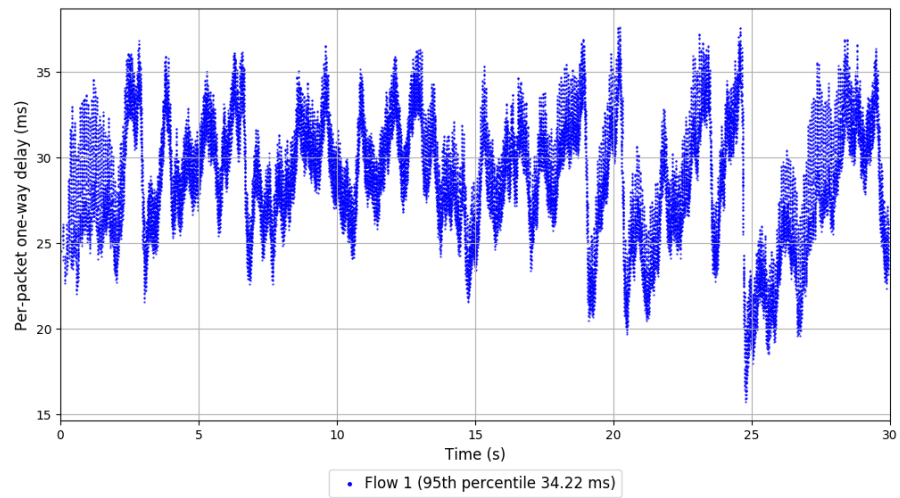
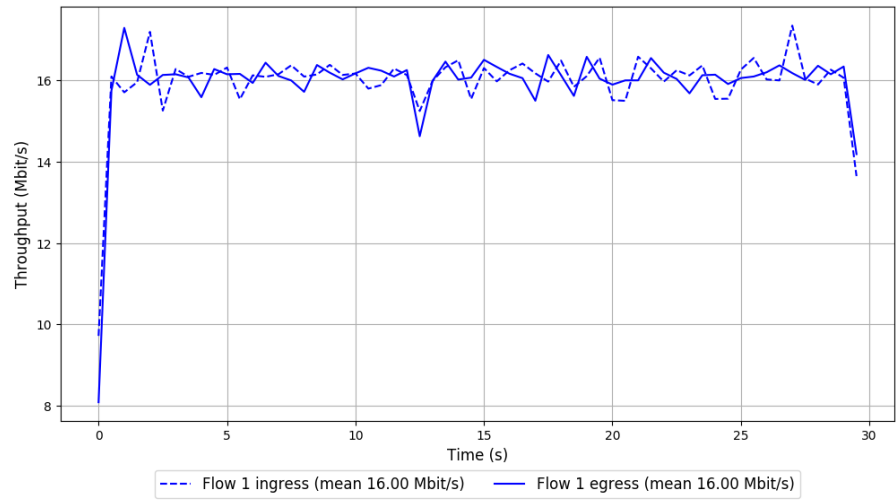


Run 8: Statistics of Sprout

Start at: 2018-01-08 23:42:57
End at: 2018-01-08 23:43:27
Local clock offset: 21.185 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2018-01-09 01:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 34.220 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 34.220 ms
Loss rate: 0.10%

Run 8: Report of Sprout — Data Link

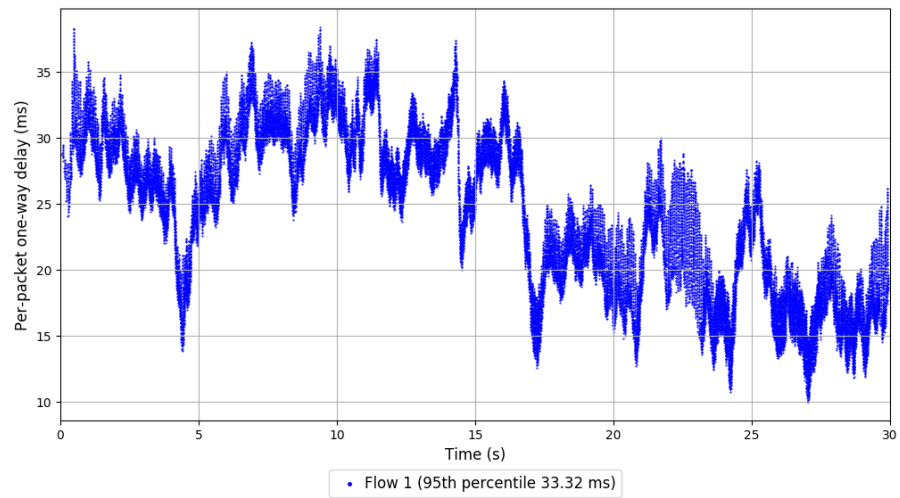
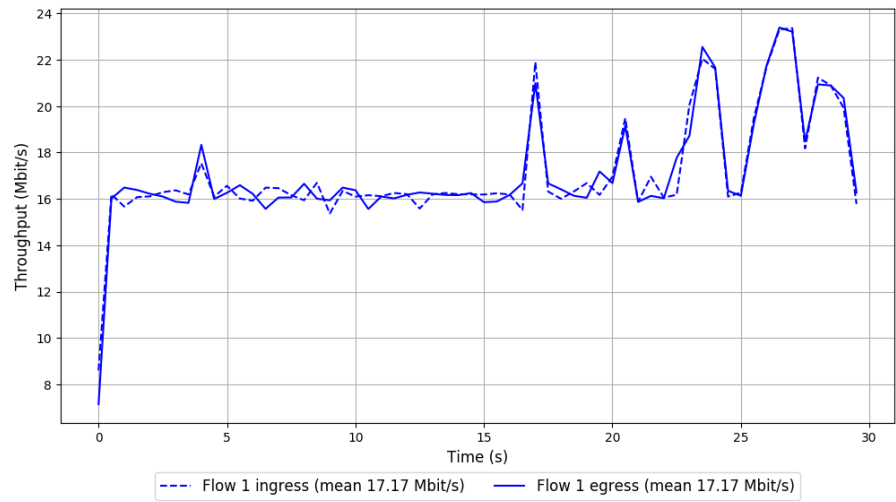


Run 9: Statistics of Sprout

Start at: 2018-01-08 23:59:55
End at: 2018-01-09 00:00:25
Local clock offset: 18.908 ms
Remote clock offset: -0.506 ms

Below is generated by plot.py at 2018-01-09 01:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.17 Mbit/s
95th percentile per-packet one-way delay: 33.324 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 17.17 Mbit/s
95th percentile per-packet one-way delay: 33.324 ms
Loss rate: 0.02%

Run 9: Report of Sprout — Data Link

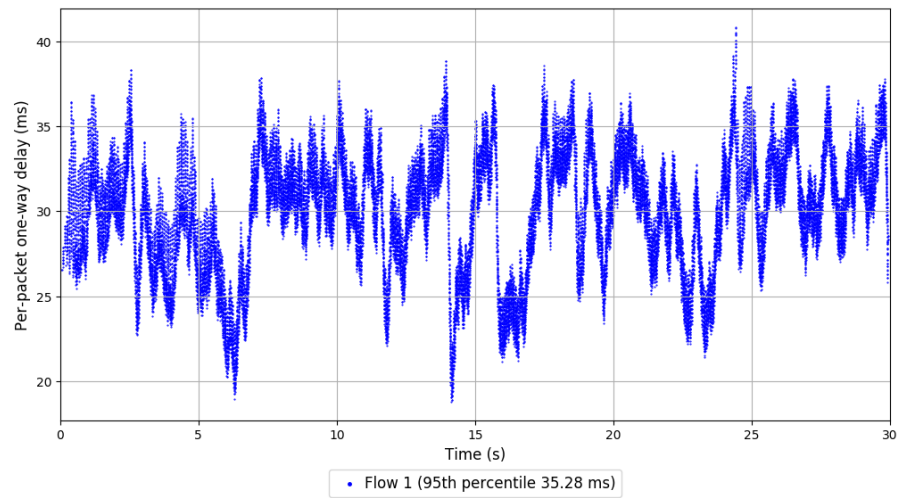
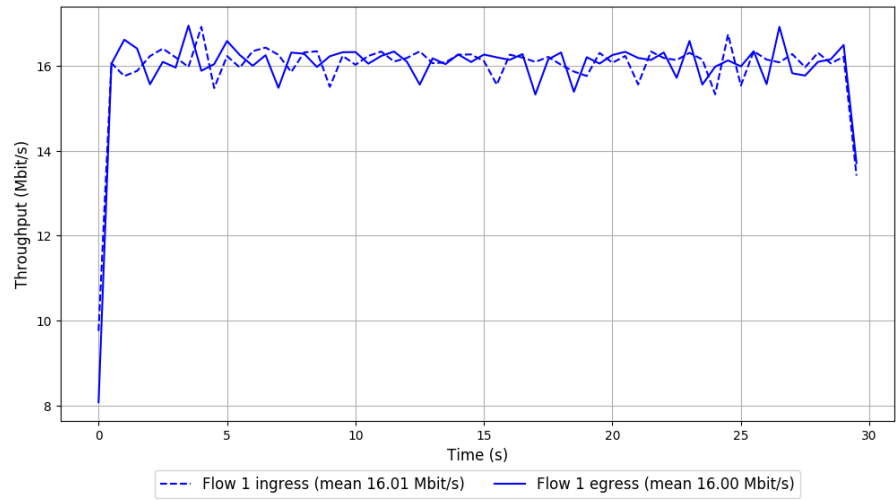


Run 10: Statistics of Sprout

Start at: 2018-01-09 00:16:56
End at: 2018-01-09 00:17:26
Local clock offset: 18.868 ms
Remote clock offset: -0.517 ms

Below is generated by plot.py at 2018-01-09 01:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 35.277 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 35.277 ms
Loss rate: 0.10%

Run 10: Report of Sprout — Data Link

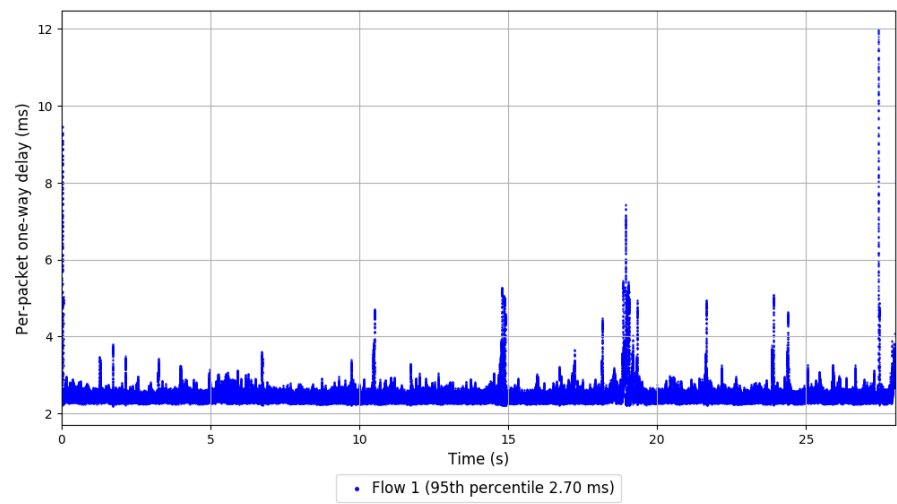
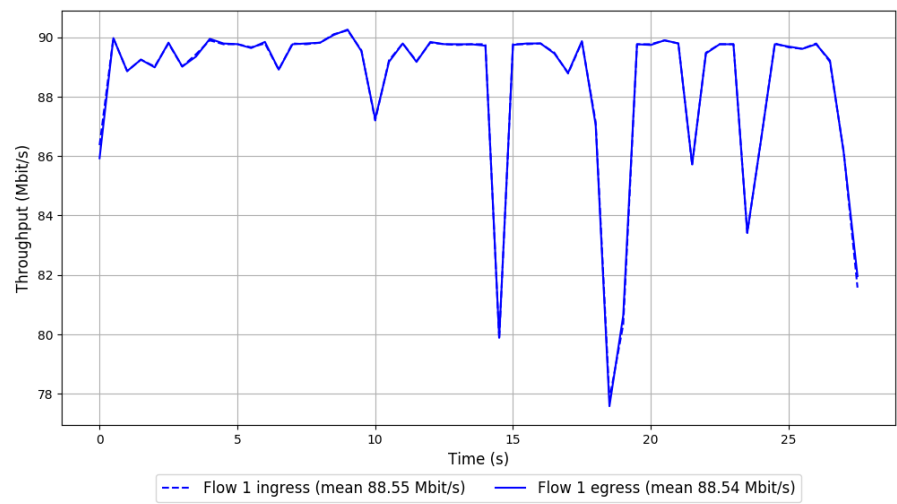


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-08 21:43:22
End at: 2018-01-08 21:43:52
Local clock offset: 0.982 ms
Remote clock offset: 0.216 ms

# Below is generated by plot.py at 2018-01-09 01:31:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.54 Mbit/s
95th percentile per-packet one-way delay: 2.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.54 Mbit/s
95th percentile per-packet one-way delay: 2.700 ms
Loss rate: 0.00%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-08 22:00:18

End at: 2018-01-08 22:00:48

Local clock offset: 0.88 ms

Remote clock offset: 0.162 ms

Below is generated by plot.py at 2018-01-09 01:31:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.20 Mbit/s

95th percentile per-packet one-way delay: 3.637 ms

Loss rate: 0.00%

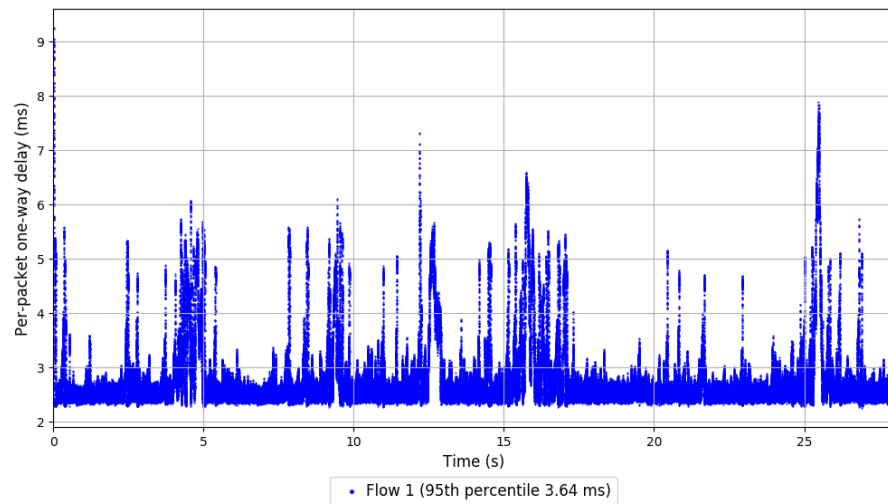
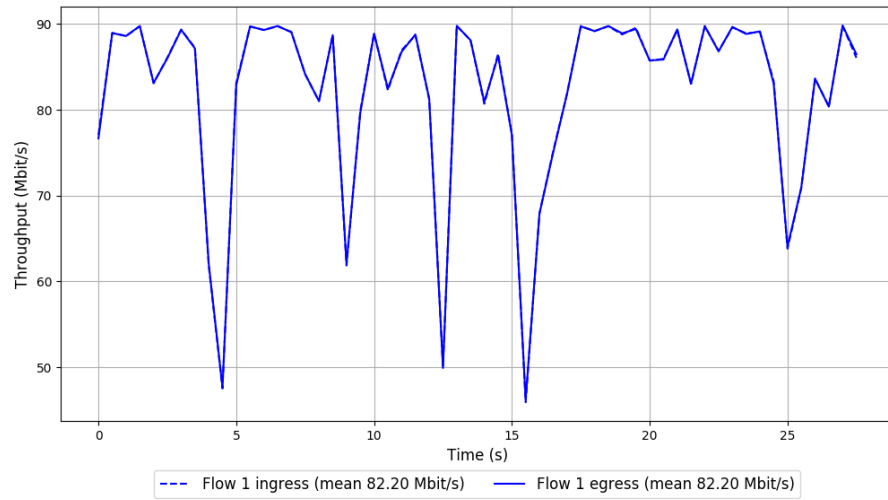
-- Flow 1:

Average throughput: 82.20 Mbit/s

95th percentile per-packet one-way delay: 3.637 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-08 22:17:16

End at: 2018-01-08 22:17:46

Local clock offset: 0.859 ms

Remote clock offset: -0.016 ms

Below is generated by plot.py at 2018-01-09 01:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.57 Mbit/s

95th percentile per-packet one-way delay: 2.842 ms

Loss rate: 0.00%

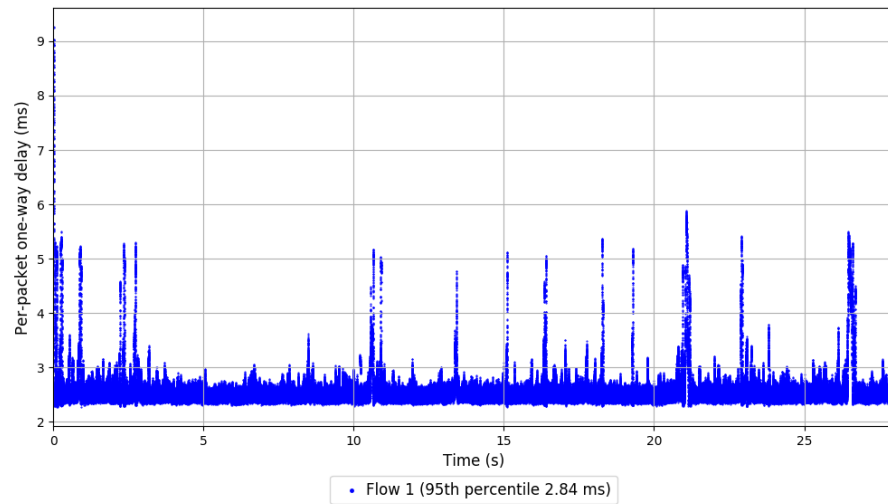
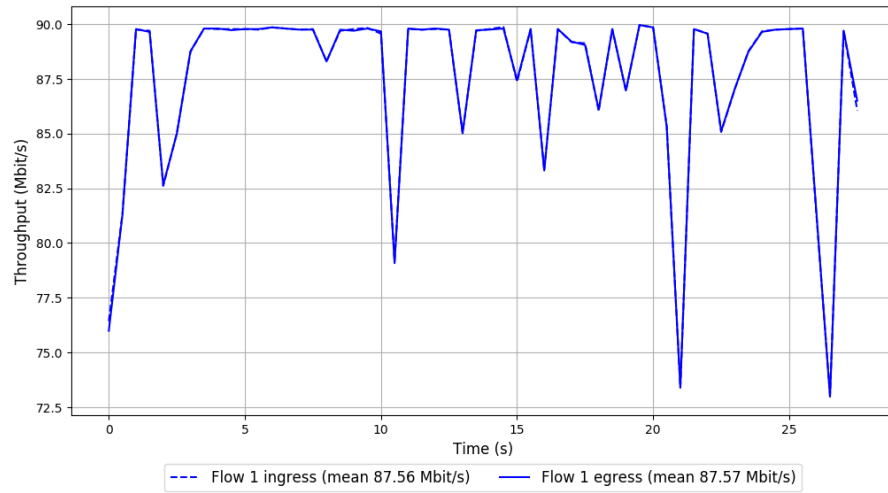
-- Flow 1:

Average throughput: 87.57 Mbit/s

95th percentile per-packet one-way delay: 2.842 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-08 22:34:13

End at: 2018-01-08 22:34:43

Local clock offset: 0.935 ms

Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-01-09 01:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.96 Mbit/s

95th percentile per-packet one-way delay: 4.655 ms

Loss rate: 0.00%

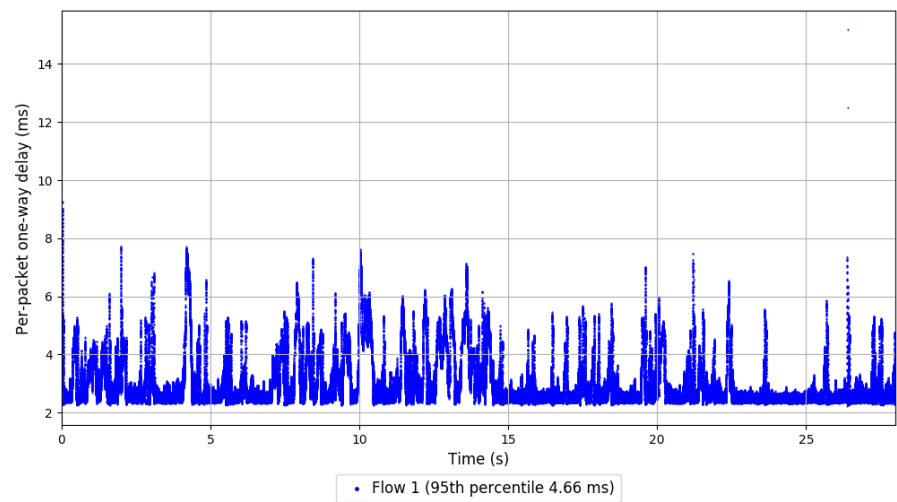
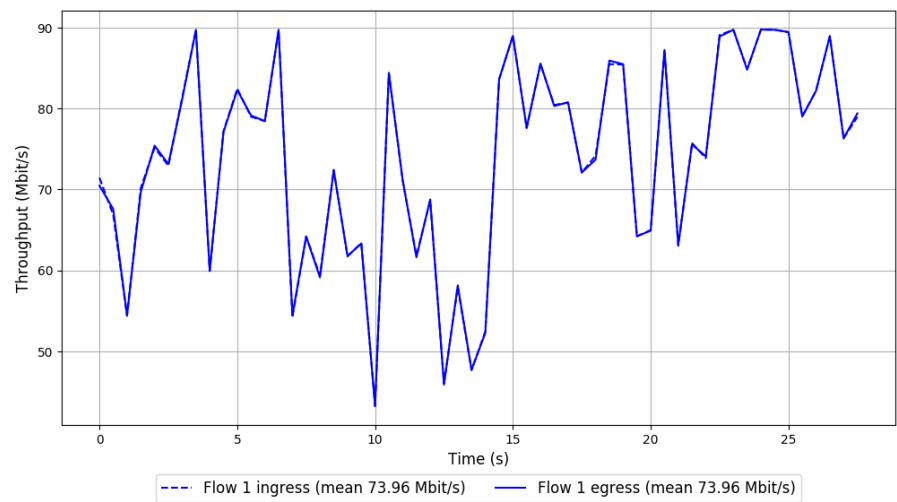
-- Flow 1:

Average throughput: 73.96 Mbit/s

95th percentile per-packet one-way delay: 4.655 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-08 22:51:05

End at: 2018-01-08 22:51:35

Local clock offset: 8.857 ms

Remote clock offset: -0.313 ms

Below is generated by plot.py at 2018-01-09 01:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.75 Mbit/s

95th percentile per-packet one-way delay: 1.044 ms

Loss rate: 0.00%

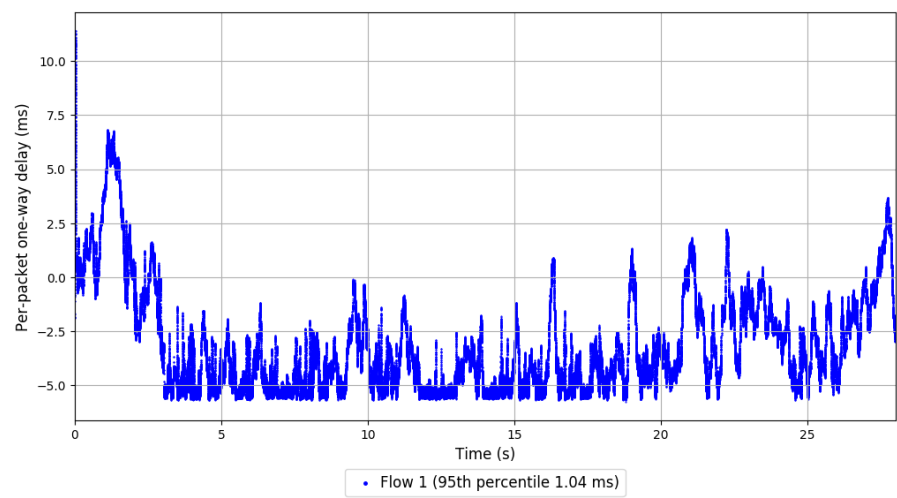
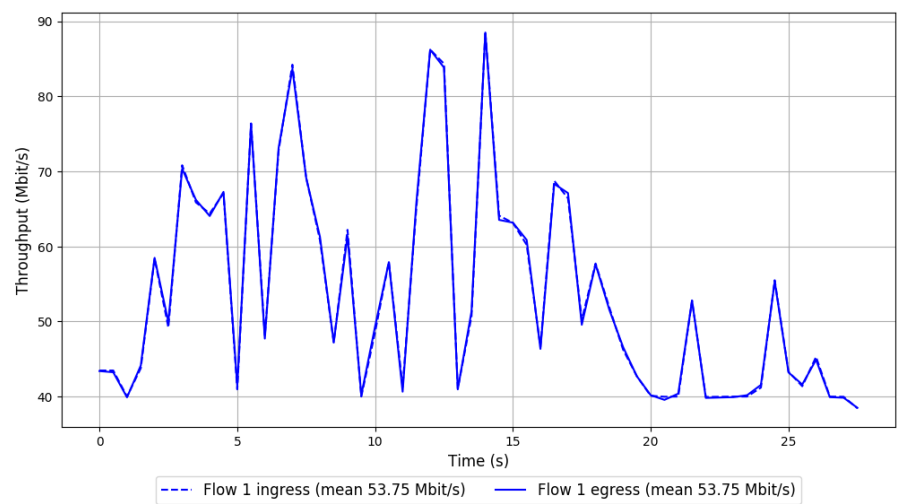
-- Flow 1:

Average throughput: 53.75 Mbit/s

95th percentile per-packet one-way delay: 1.044 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-08 23:07:57

End at: 2018-01-08 23:08:27

Local clock offset: 9.494 ms

Remote clock offset: -0.399 ms

Below is generated by plot.py at 2018-01-09 01:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.43 Mbit/s

95th percentile per-packet one-way delay: 32.721 ms

Loss rate: 0.03%

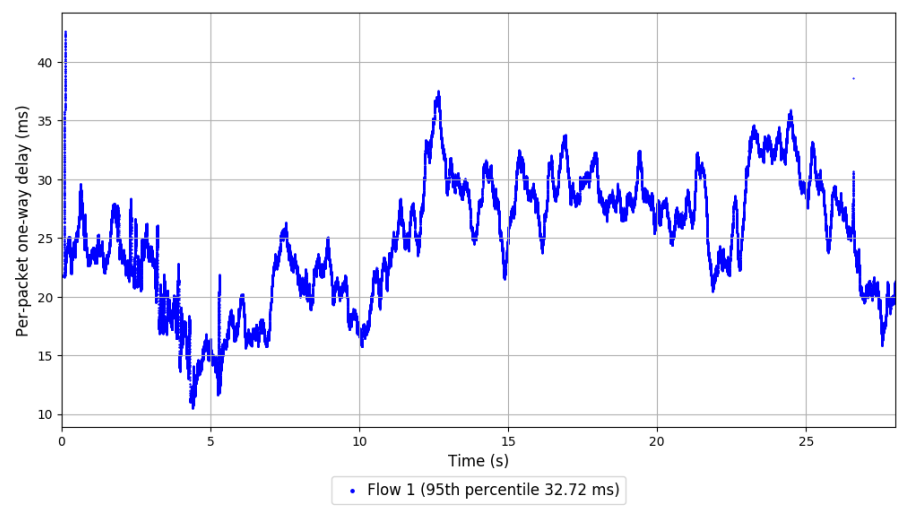
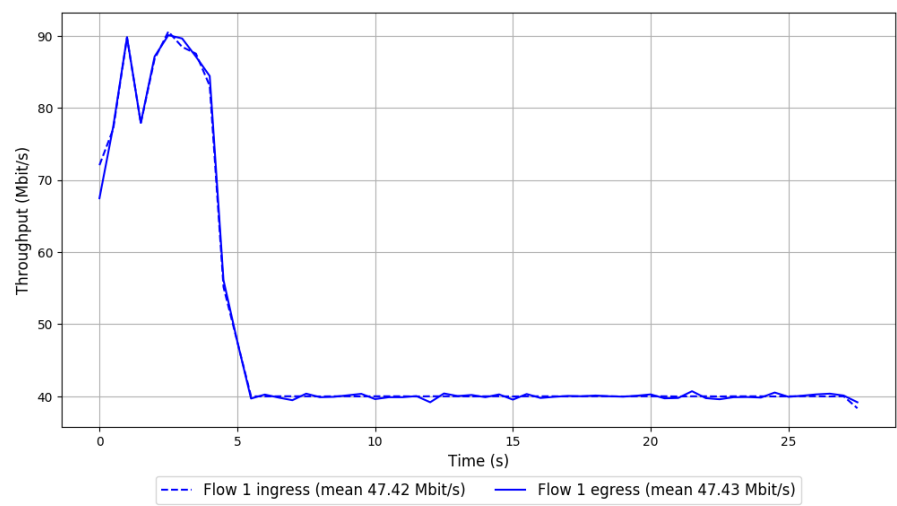
-- Flow 1:

Average throughput: 47.43 Mbit/s

95th percentile per-packet one-way delay: 32.721 ms

Loss rate: 0.03%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-01-08 23:24:51

End at: 2018-01-08 23:25:21

Local clock offset: 7.321 ms

Remote clock offset: -0.44 ms

Below is generated by plot.py at 2018-01-09 01:32:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.90 Mbit/s

95th percentile per-packet one-way delay: 13.668 ms

Loss rate: 0.00%

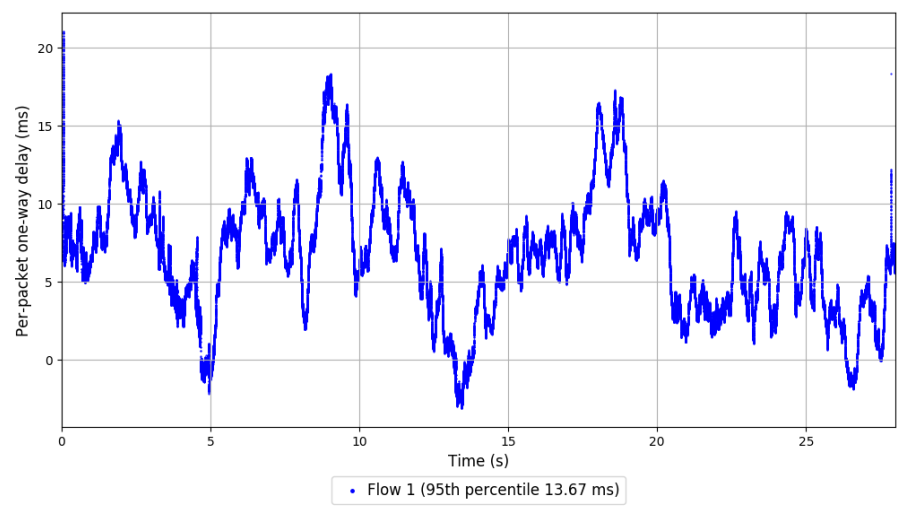
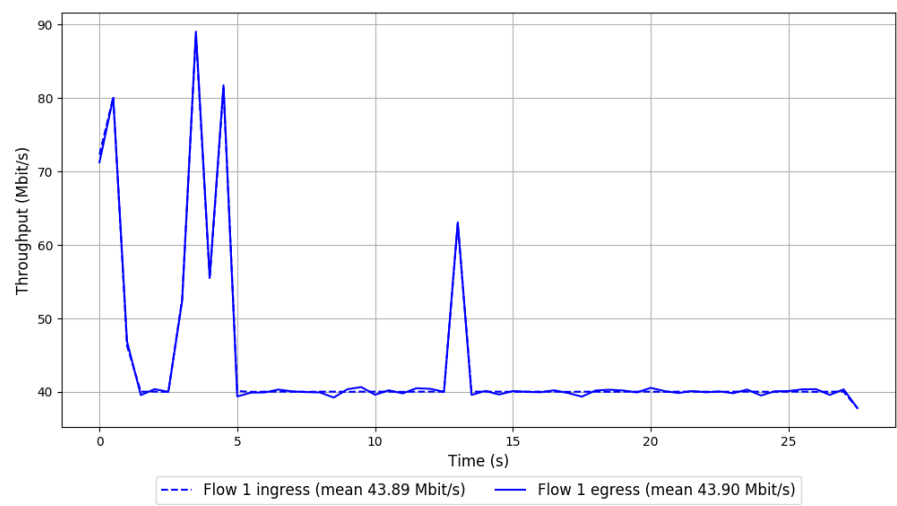
-- Flow 1:

Average throughput: 43.90 Mbit/s

95th percentile per-packet one-way delay: 13.668 ms

Loss rate: 0.00%

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

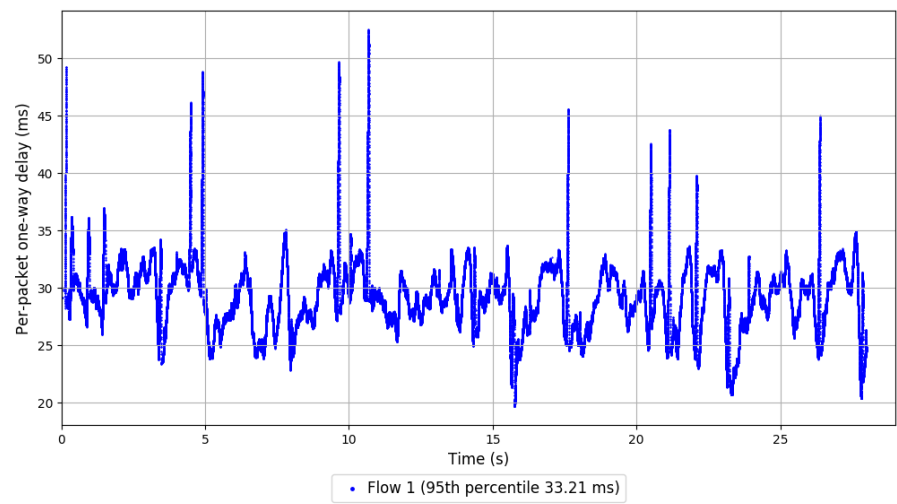
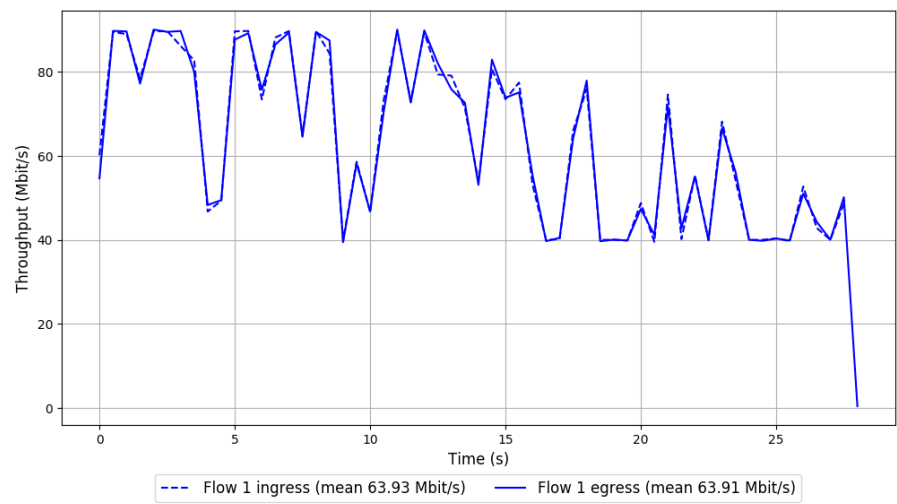


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-08 23:41:46
End at: 2018-01-08 23:42:16
Local clock offset: 19.538 ms
Remote clock offset: -0.471 ms

Below is generated by plot.py at 2018-01-09 01:32:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: 33.207 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: 33.207 ms
Loss rate: 0.05%

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

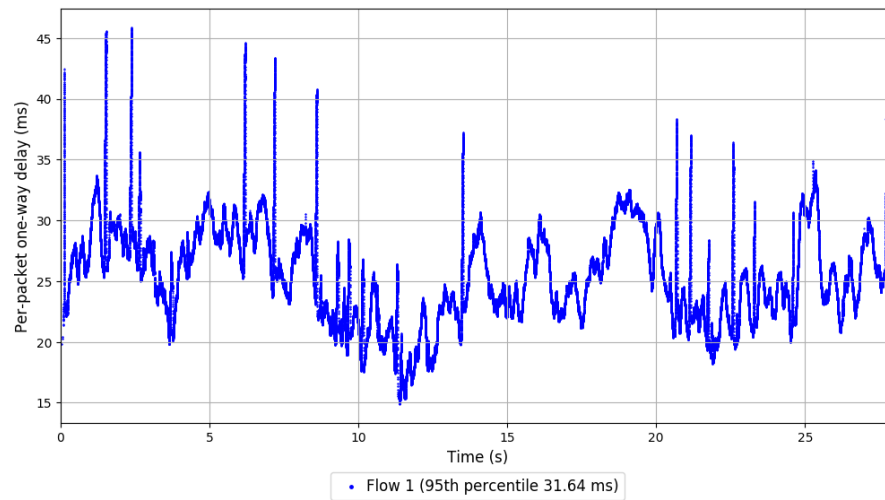
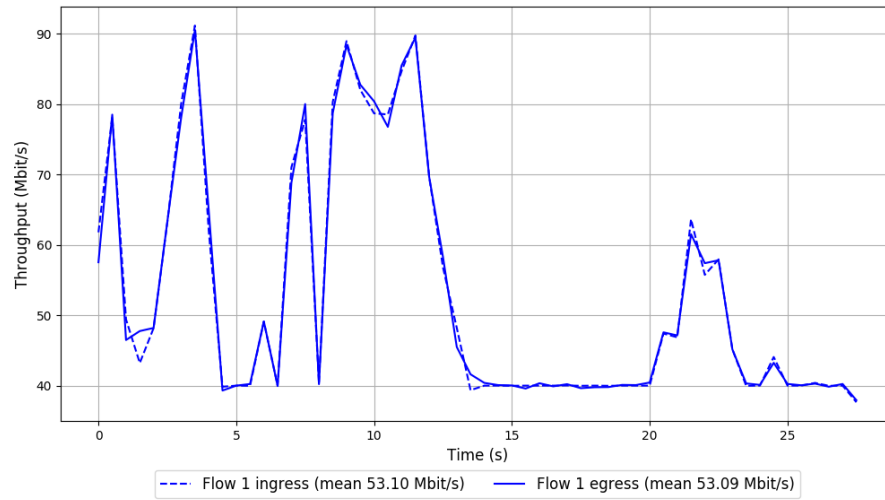


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-08 23:58:46
End at: 2018-01-08 23:59:16
Local clock offset: 20.309 ms
Remote clock offset: -0.483 ms

Below is generated by plot.py at 2018-01-09 01:32:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 31.635 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.09 Mbit/s
95th percentile per-packet one-way delay: 31.635 ms
Loss rate: 0.06%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-09 00:15:46

End at: 2018-01-09 00:16:16

Local clock offset: 14.49 ms

Remote clock offset: -0.451 ms

Below is generated by plot.py at 2018-01-09 01:33:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.98 Mbit/s

95th percentile per-packet one-way delay: 36.757 ms

Loss rate: 0.03%

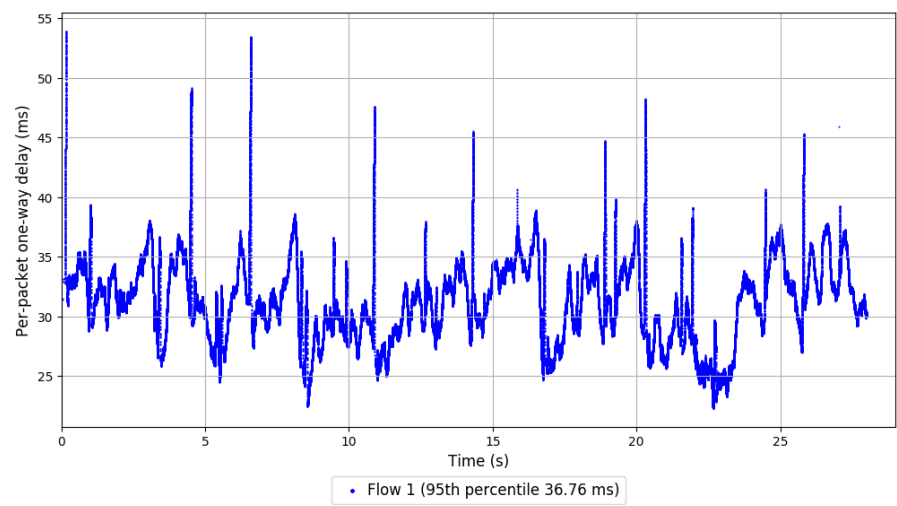
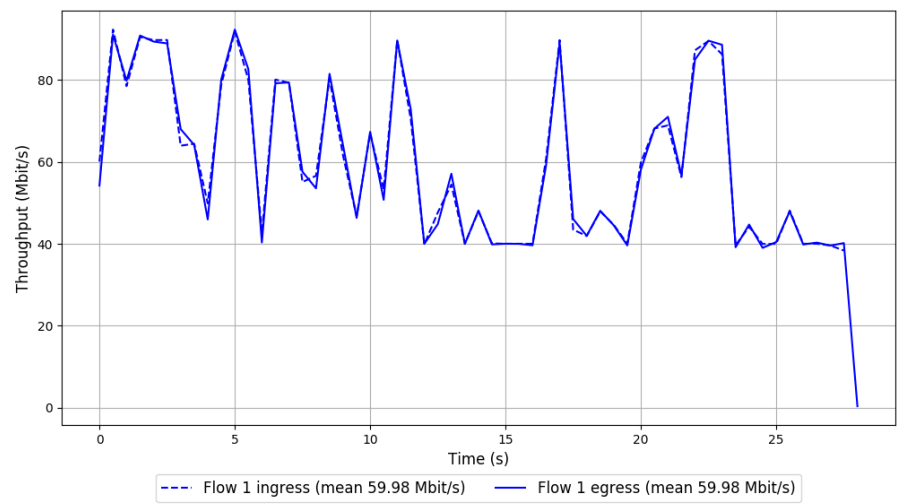
-- Flow 1:

Average throughput: 59.98 Mbit/s

95th percentile per-packet one-way delay: 36.757 ms

Loss rate: 0.03%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-01-08 21:39:57

End at: 2018-01-08 21:40:27

Local clock offset: 1.029 ms

Remote clock offset: 0.317 ms

Below is generated by plot.py at 2018-01-09 01:33:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 4.379 ms

Loss rate: 0.00%

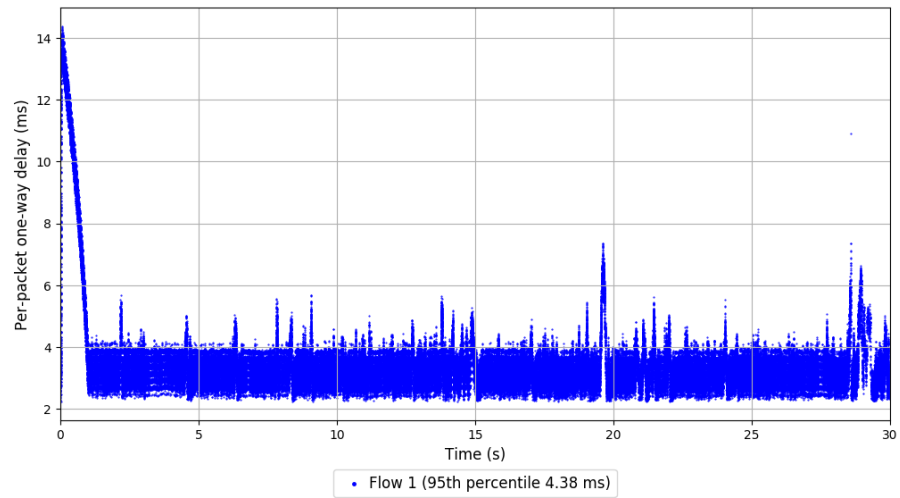
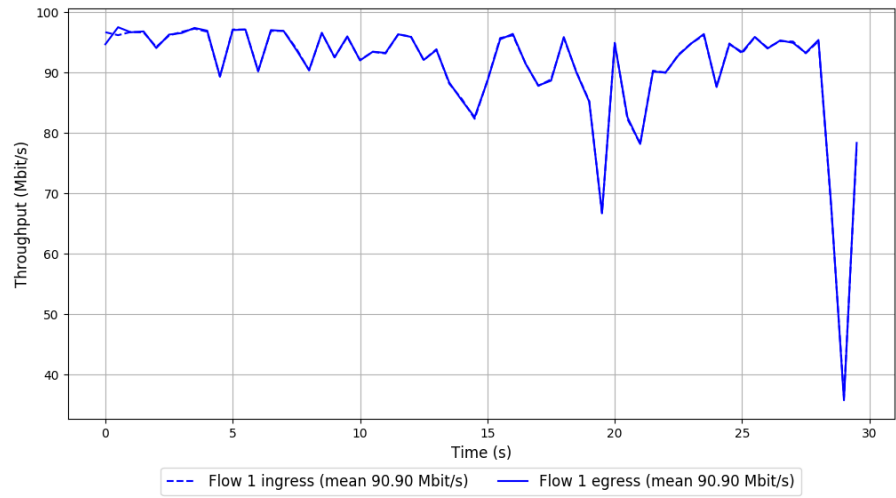
-- Flow 1:

Average throughput: 90.90 Mbit/s

95th percentile per-packet one-way delay: 4.379 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

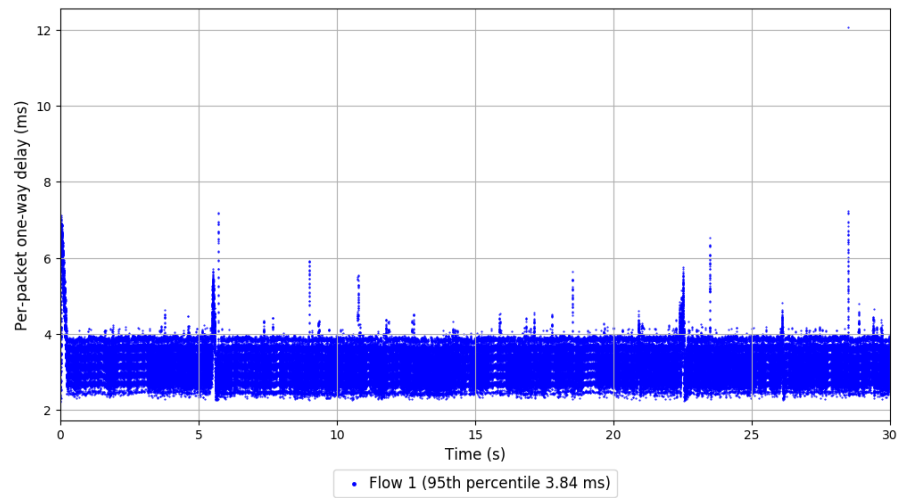
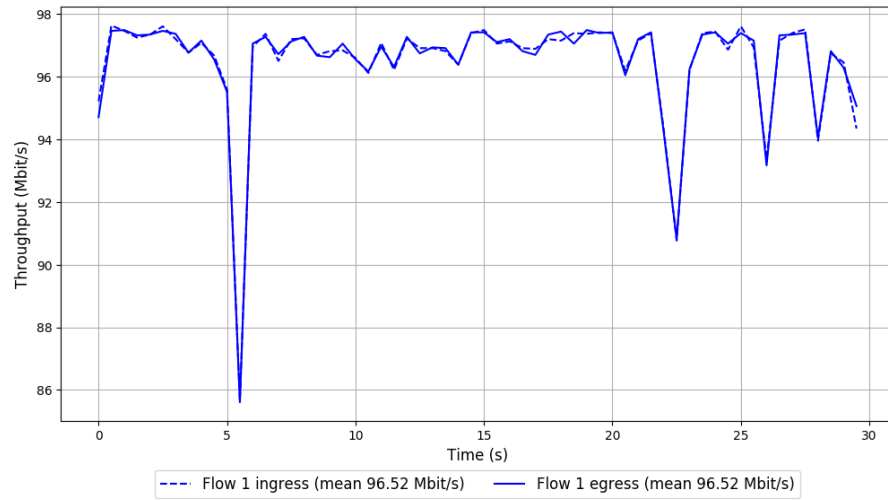


Run 2: Statistics of TCP Vegas

Start at: 2018-01-08 21:56:53
End at: 2018-01-08 21:57:23
Local clock offset: 0.838 ms
Remote clock offset: 0.102 ms

Below is generated by plot.py at 2018-01-09 01:33:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 3.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 3.844 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-01-08 22:13:51

End at: 2018-01-08 22:14:21

Local clock offset: 0.822 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2018-01-09 01:33:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 4.037 ms

Loss rate: 0.00%

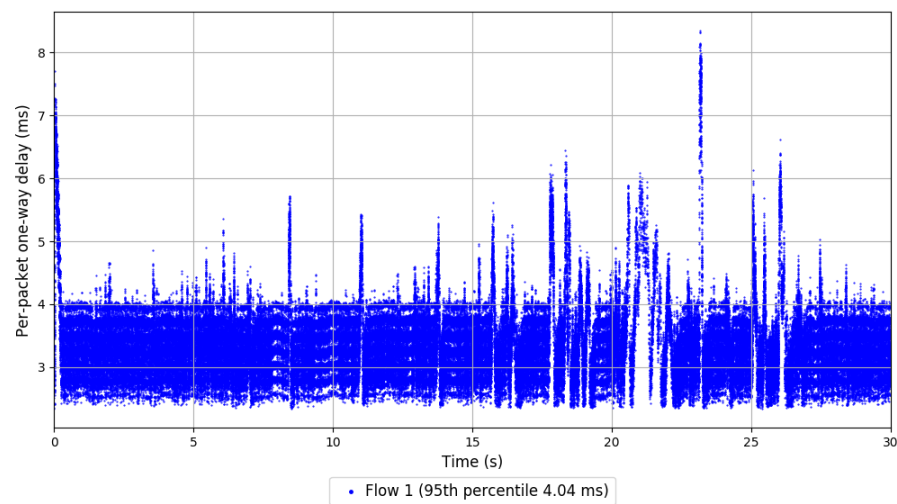
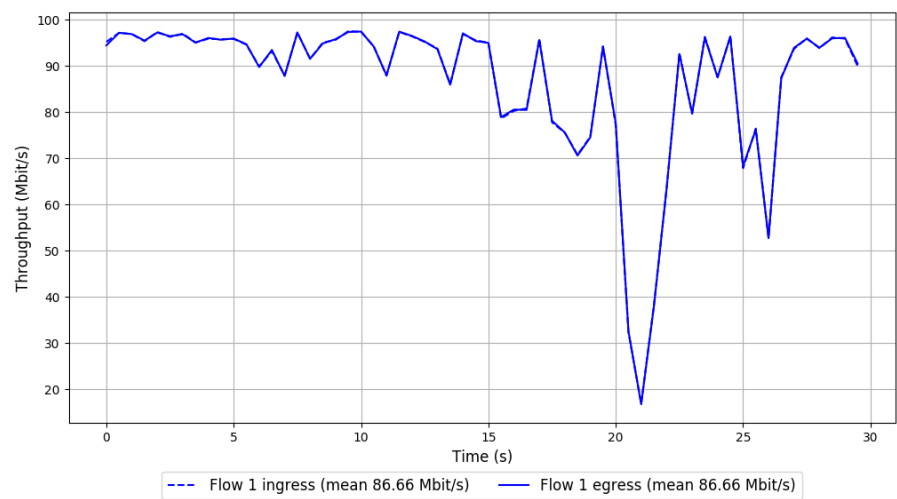
-- Flow 1:

Average throughput: 86.66 Mbit/s

95th percentile per-packet one-way delay: 4.037 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

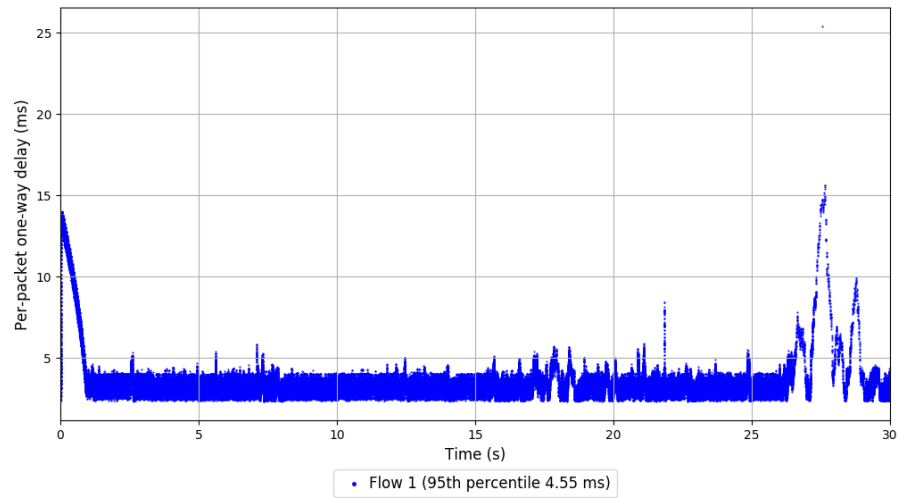
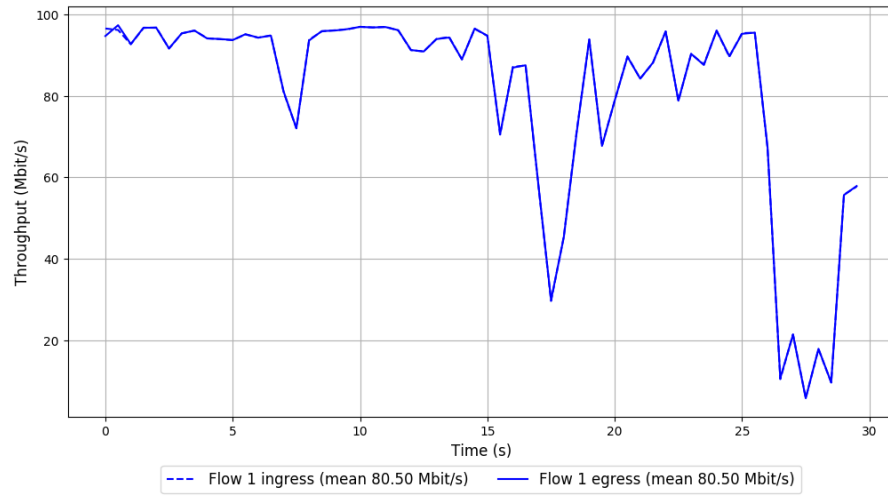


Run 4: Statistics of TCP Vegas

Start at: 2018-01-08 22:30:49
End at: 2018-01-08 22:31:20
Local clock offset: 0.86 ms
Remote clock offset: -0.156 ms

Below is generated by plot.py at 2018-01-09 01:33:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 4.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 4.554 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

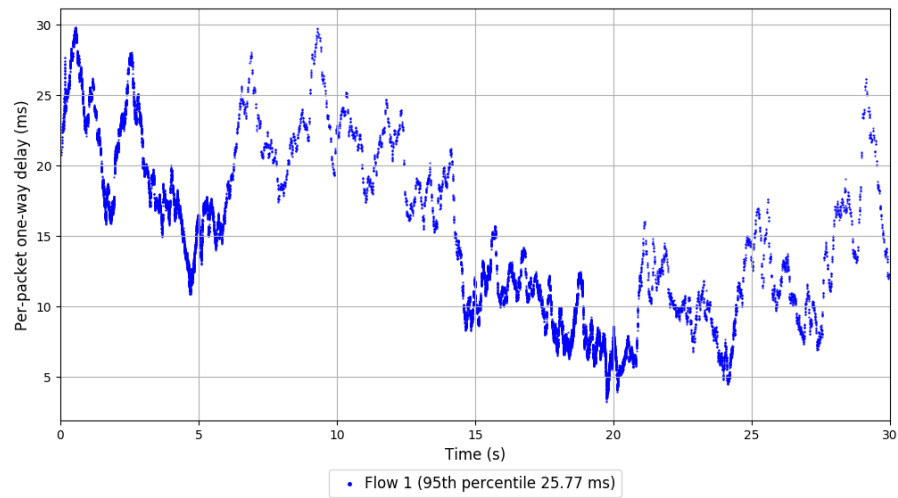
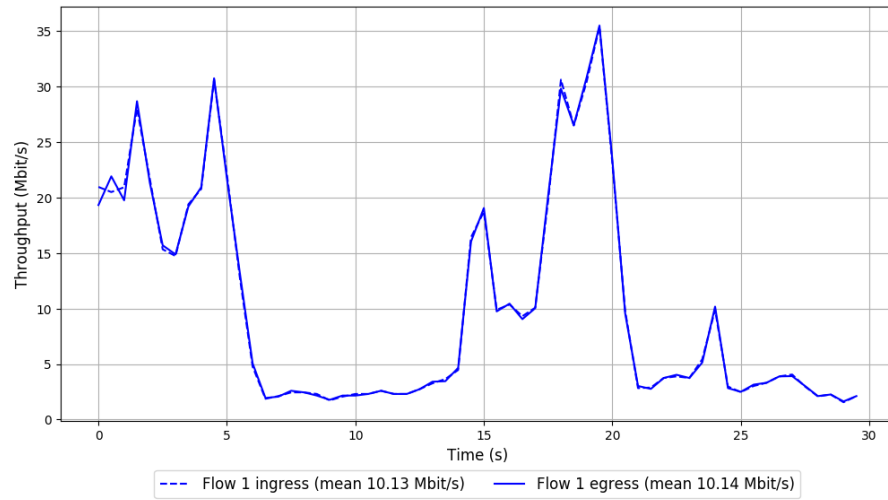


Run 5: Statistics of TCP Vegas

Start at: 2018-01-08 22:47:48
End at: 2018-01-08 22:48:18
Local clock offset: 7.795 ms
Remote clock offset: -0.303 ms

Below is generated by plot.py at 2018-01-09 01:33:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.14 Mbit/s
95th percentile per-packet one-way delay: 25.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.14 Mbit/s
95th percentile per-packet one-way delay: 25.767 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

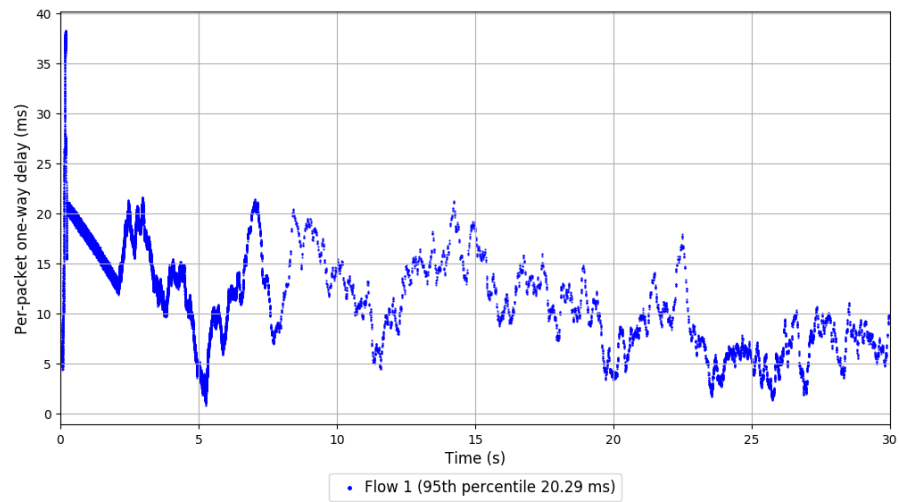
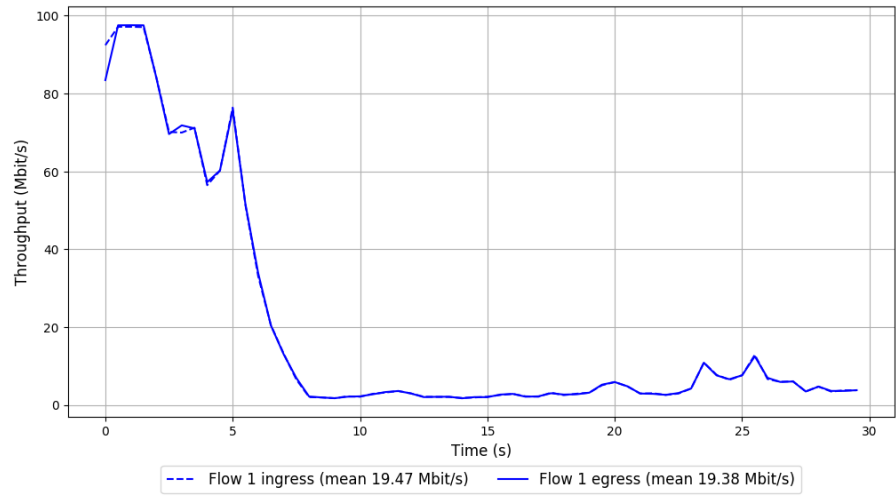


Run 6: Statistics of TCP Vegas

Start at: 2018-01-08 23:04:40
End at: 2018-01-08 23:05:10
Local clock offset: 10.63 ms
Remote clock offset: -0.372 ms

Below is generated by plot.py at 2018-01-09 01:33:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 20.292 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 20.292 ms
Loss rate: 0.45%

Run 6: Report of TCP Vegas — Data Link

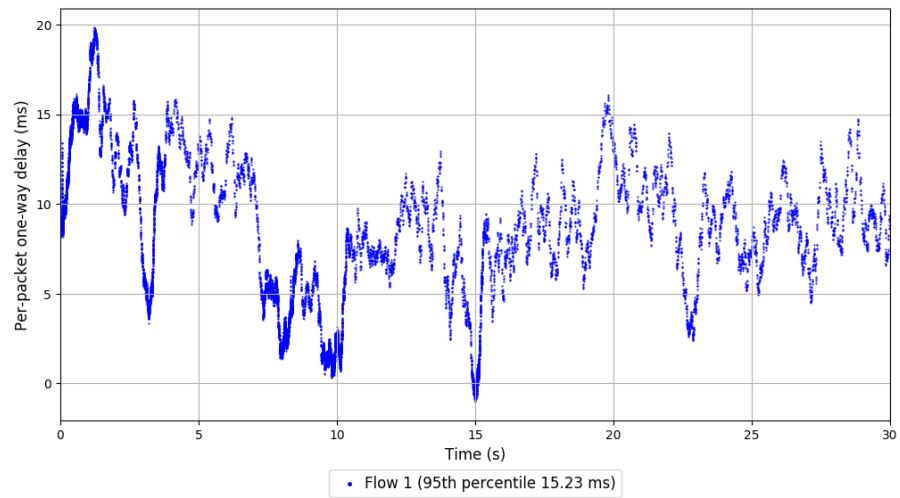
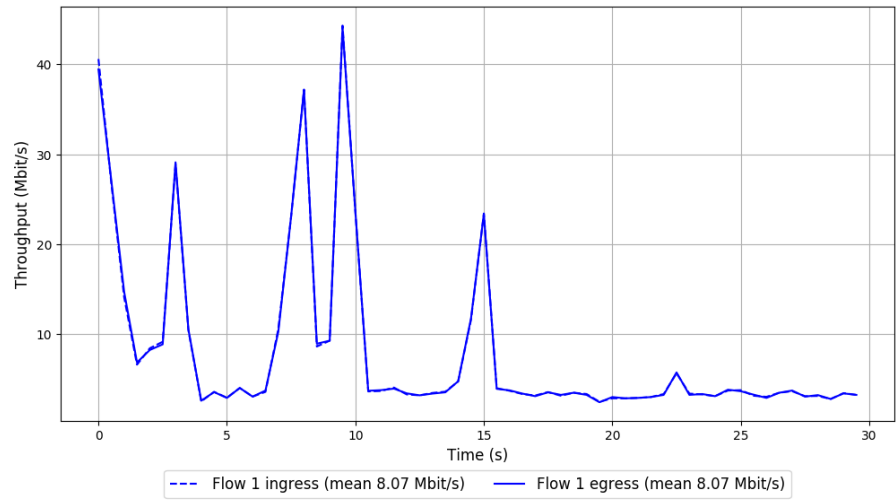


Run 7: Statistics of TCP Vegas

Start at: 2018-01-08 23:21:32
End at: 2018-01-08 23:22:02
Local clock offset: 6.112 ms
Remote clock offset: -0.446 ms

Below is generated by plot.py at 2018-01-09 01:33:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 15.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 15.227 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-01-08 23:38:27

End at: 2018-01-08 23:38:57

Local clock offset: 15.428 ms

Remote clock offset: -0.524 ms

Run 8: Report of TCP Vegas — Data Link

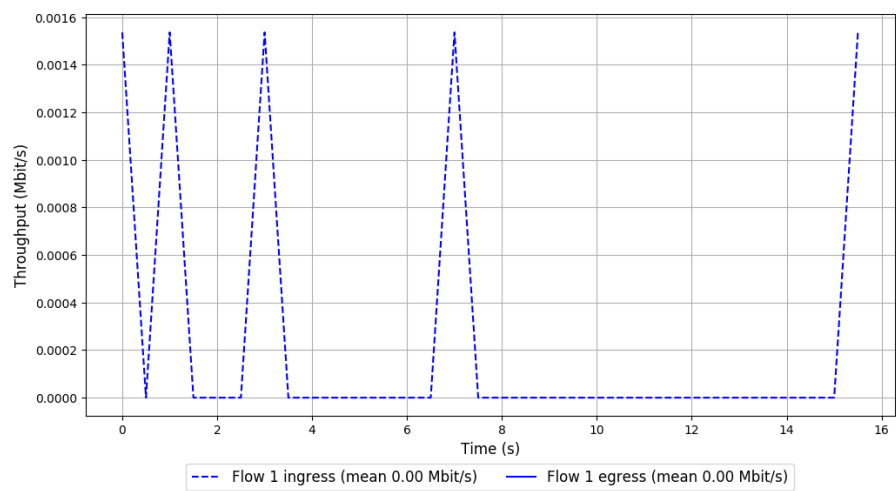


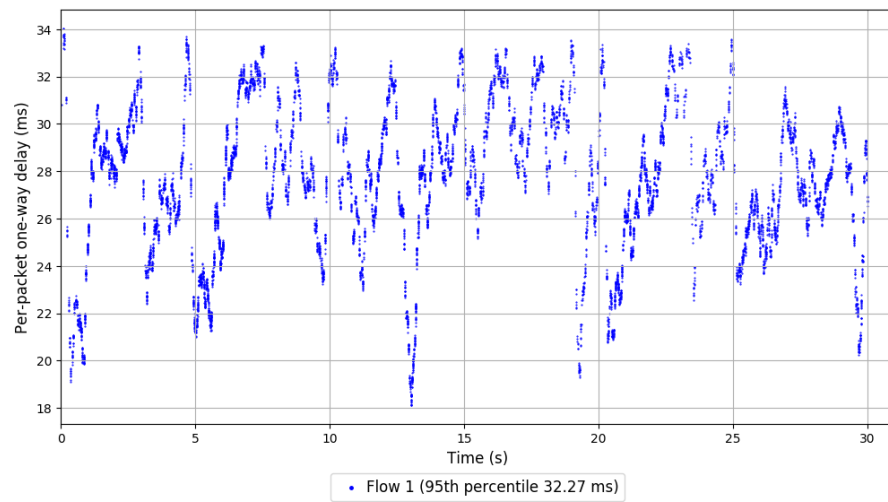
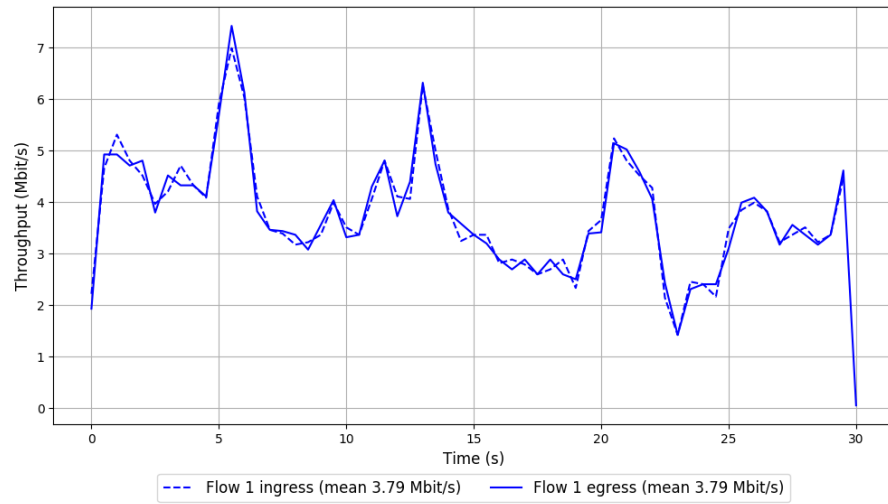
Figure is missing

Run 9: Statistics of TCP Vegas

Start at: 2018-01-08 23:55:25
End at: 2018-01-08 23:55:55
Local clock offset: 20.876 ms
Remote clock offset: -0.522 ms

Below is generated by plot.py at 2018-01-09 01:33:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 32.269 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 32.269 ms
Loss rate: 0.03%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-01-09 00:12:24

End at: 2018-01-09 00:12:54

Local clock offset: 15.333 ms

Remote clock offset: -0.467 ms

Below is generated by plot.py at 2018-01-09 01:33:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.64 Mbit/s

95th percentile per-packet one-way delay: 30.700 ms

Loss rate: 0.00%

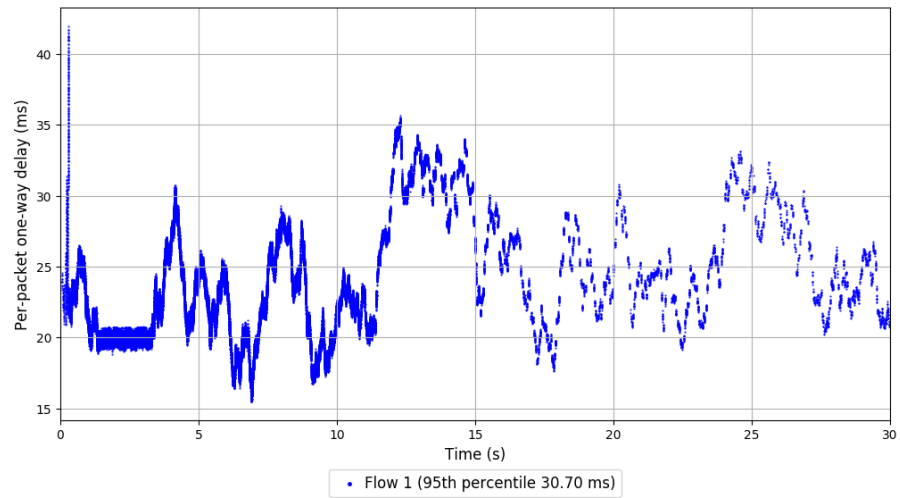
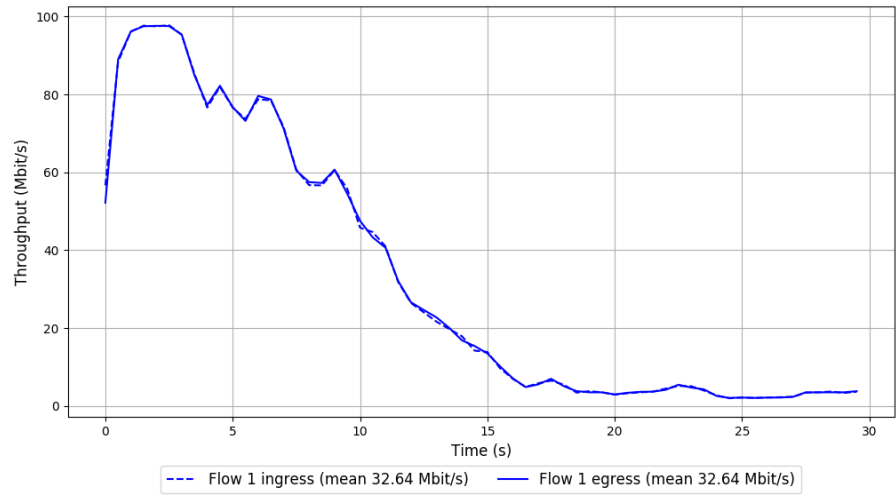
-- Flow 1:

Average throughput: 32.64 Mbit/s

95th percentile per-packet one-way delay: 30.700 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-01-08 21:55:44

End at: 2018-01-08 21:56:14

Local clock offset: 0.897 ms

Remote clock offset: 0.169 ms

Below is generated by plot.py at 2018-01-09 01:34:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.51 Mbit/s

95th percentile per-packet one-way delay: 9.118 ms

Loss rate: 0.88%

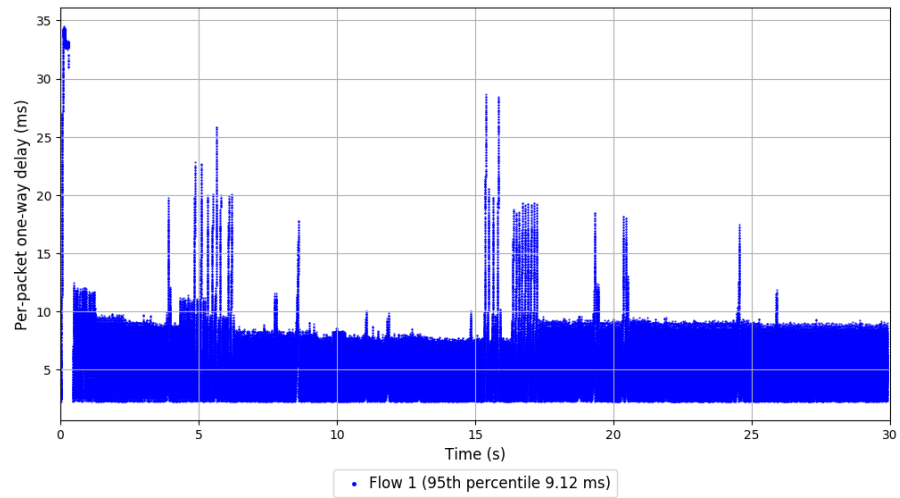
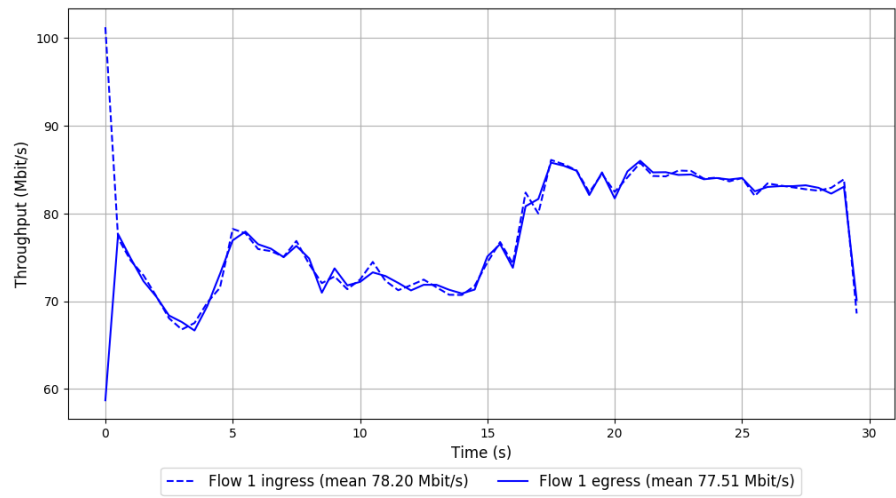
-- Flow 1:

Average throughput: 77.51 Mbit/s

95th percentile per-packet one-way delay: 9.118 ms

Loss rate: 0.88%

Run 1: Report of Verus — Data Link

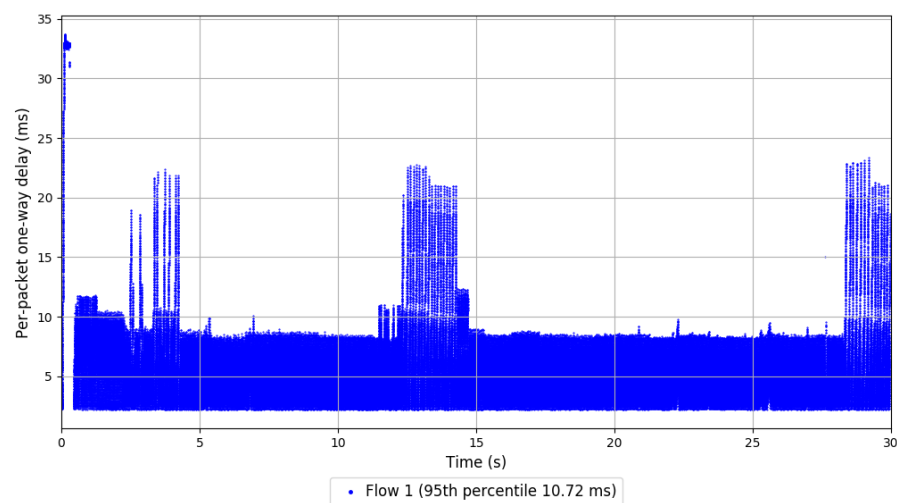
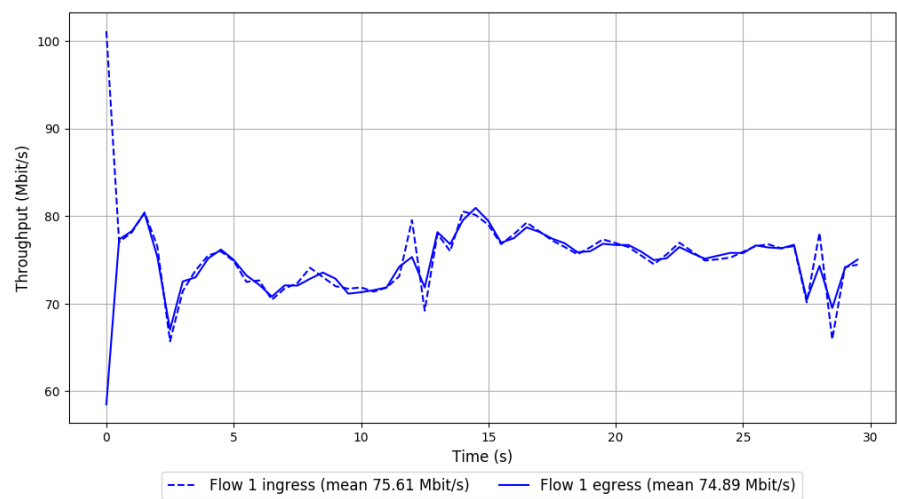


Run 2: Statistics of Verus

Start at: 2018-01-08 22:12:43
End at: 2018-01-08 22:13:13
Local clock offset: 0.871 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-01-09 01:34:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 10.725 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 10.725 ms
Loss rate: 0.90%

Run 2: Report of Verus — Data Link

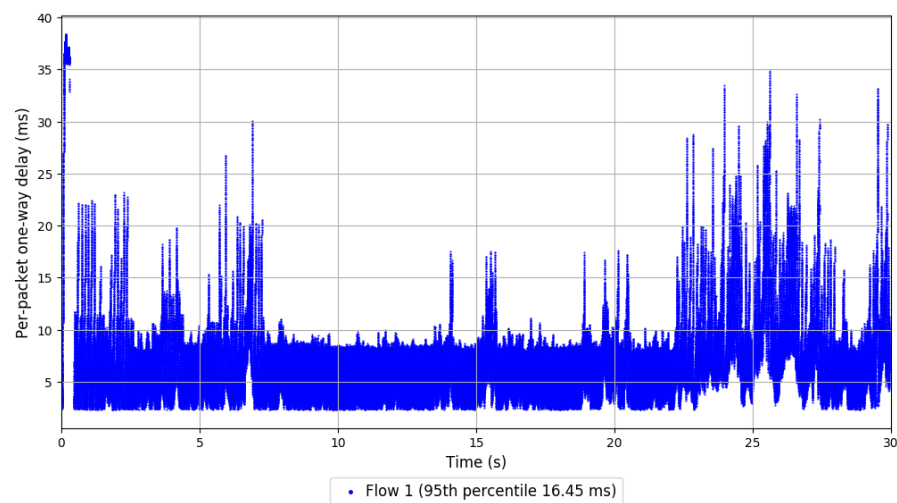
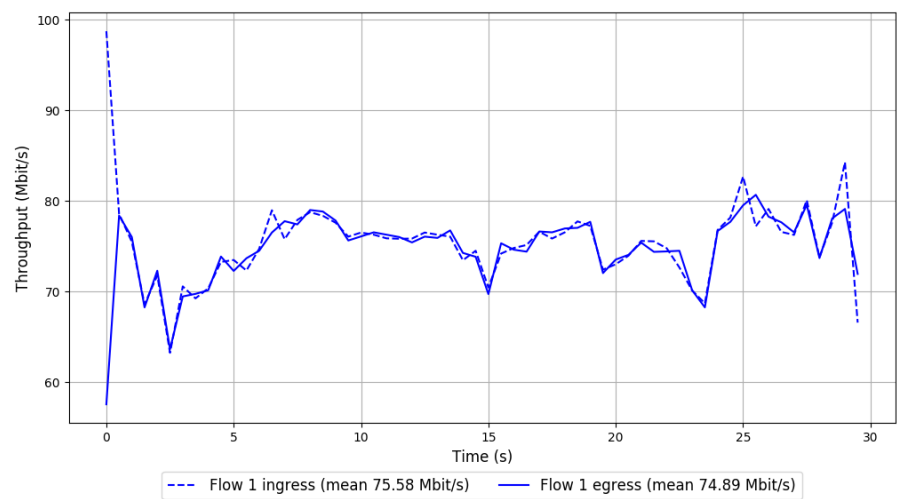


Run 3: Statistics of Verus

Start at: 2018-01-08 22:29:41
End at: 2018-01-08 22:30:11
Local clock offset: 0.85 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-01-09 01:35:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 16.445 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 74.89 Mbit/s
95th percentile per-packet one-way delay: 16.445 ms
Loss rate: 0.89%

Run 3: Report of Verus — Data Link

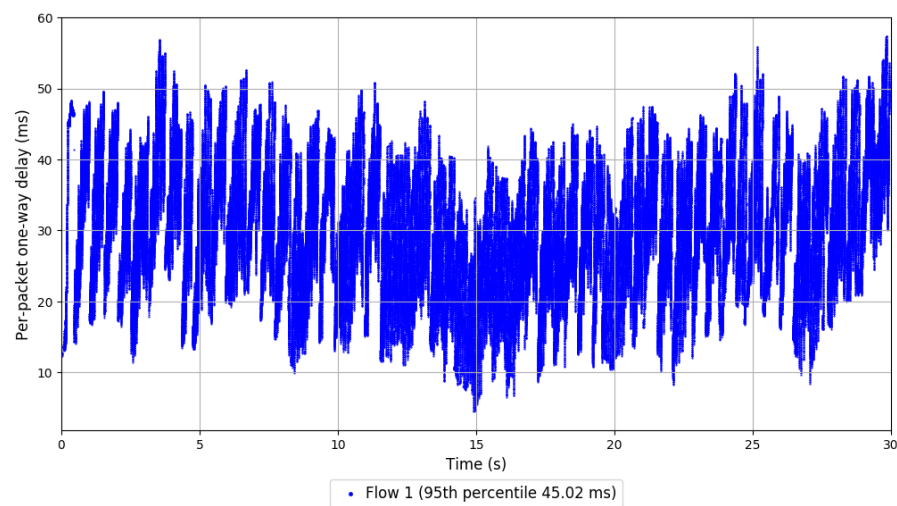
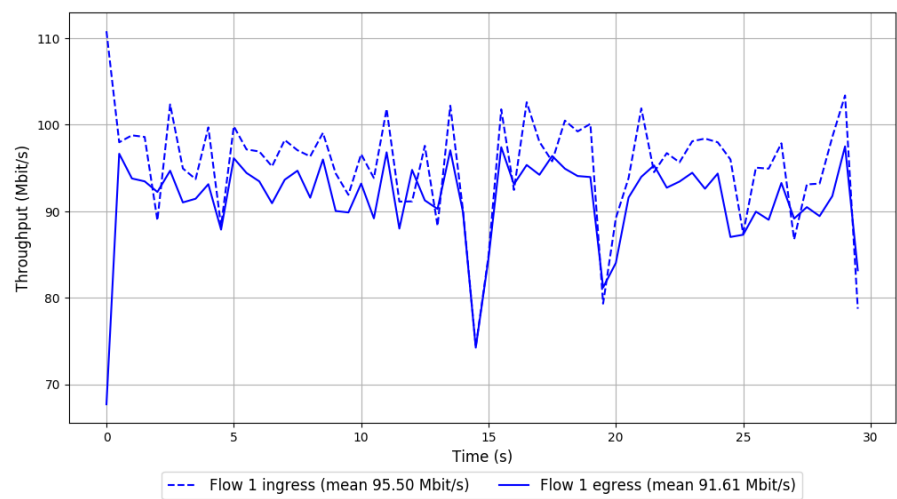


Run 4: Statistics of Verus

Start at: 2018-01-08 22:46:37
End at: 2018-01-08 22:47:07
Local clock offset: 4.257 ms
Remote clock offset: -0.347 ms

Below is generated by plot.py at 2018-01-09 01:35:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 45.018 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 45.018 ms
Loss rate: 4.03%

Run 4: Report of Verus — Data Link

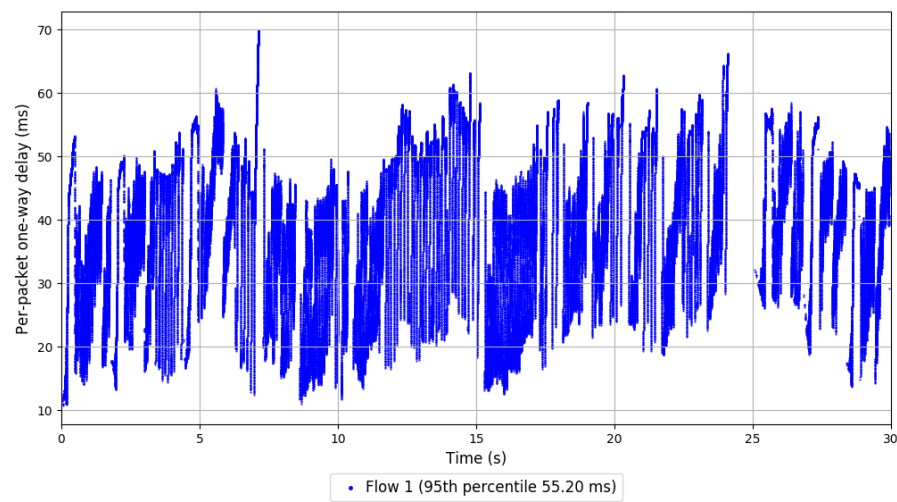
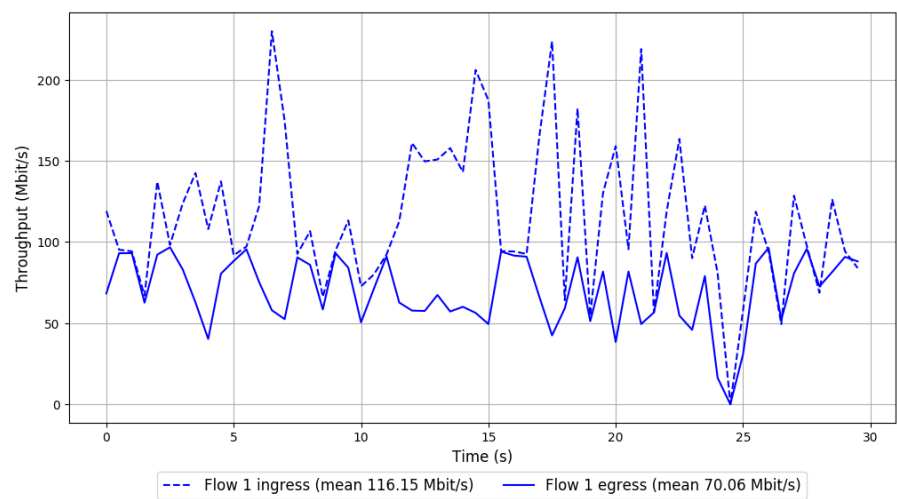


Run 5: Statistics of Verus

Start at: 2018-01-08 23:03:30
End at: 2018-01-08 23:04:00
Local clock offset: 8.259 ms
Remote clock offset: -0.435 ms

Below is generated by plot.py at 2018-01-09 01:35:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 55.200 ms
Loss rate: 39.67%
-- Flow 1:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 55.200 ms
Loss rate: 39.67%

Run 5: Report of Verus — Data Link

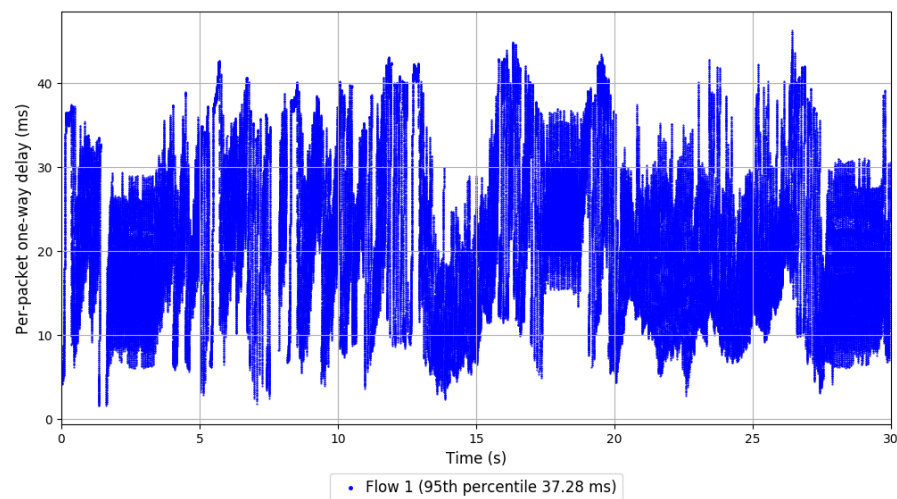
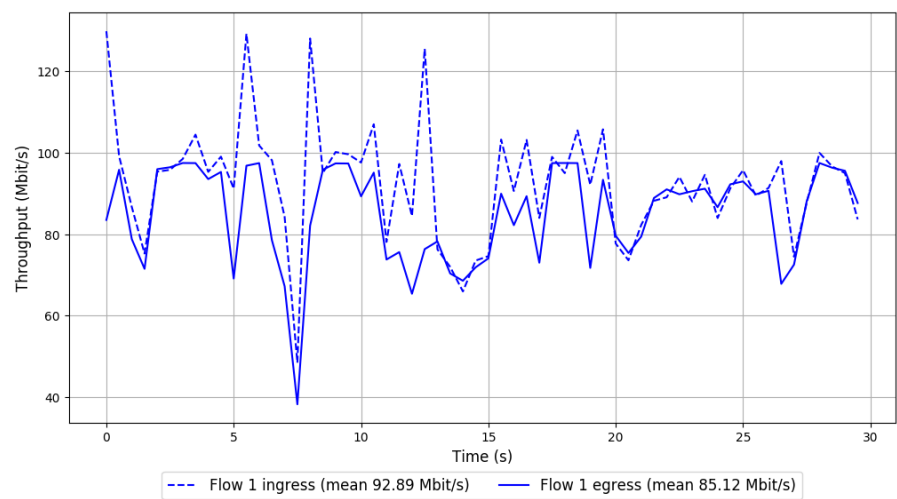


Run 6: Statistics of Verus

Start at: 2018-01-08 23:20:23
End at: 2018-01-08 23:20:53
Local clock offset: 4.93 ms
Remote clock offset: -0.457 ms

Below is generated by plot.py at 2018-01-09 01:36:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 37.276 ms
Loss rate: 8.29%
-- Flow 1:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 37.276 ms
Loss rate: 8.29%

Run 6: Report of Verus — Data Link

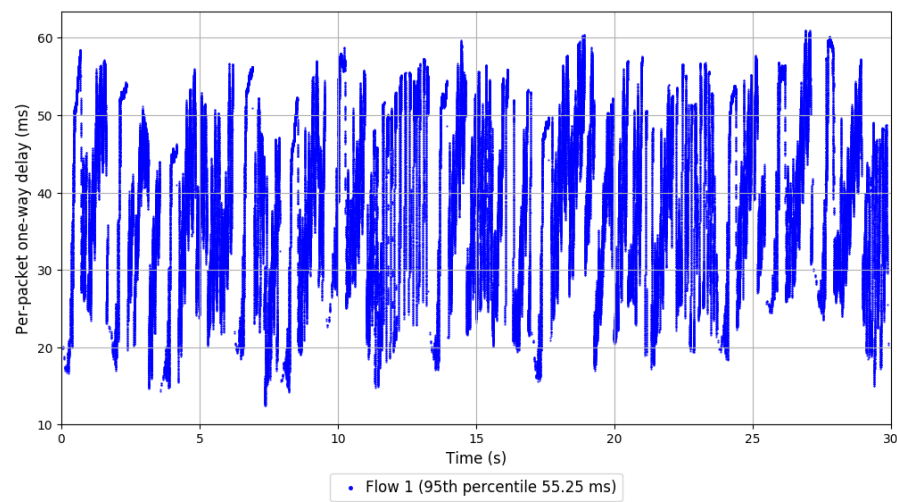
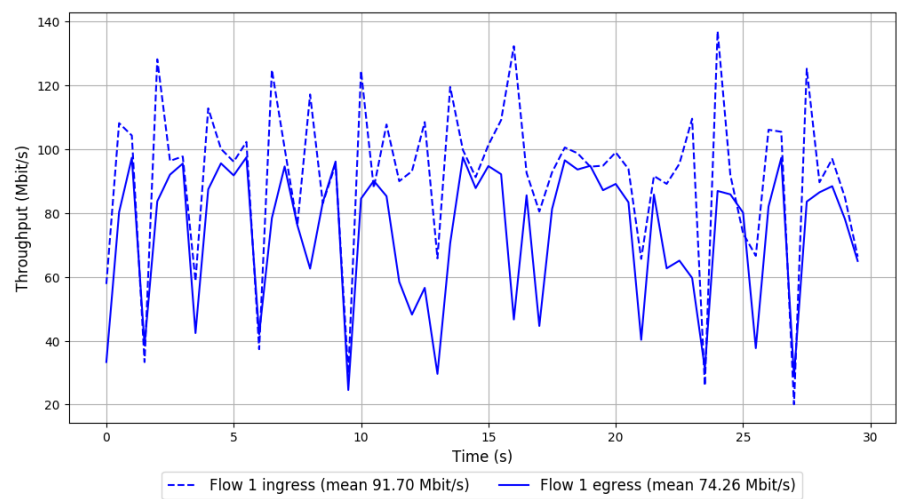


Run 7: Statistics of Verus

Start at: 2018-01-08 23:37:17
End at: 2018-01-08 23:37:47
Local clock offset: 21.161 ms
Remote clock offset: -0.473 ms

Below is generated by plot.py at 2018-01-09 01:36:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 55.252 ms
Loss rate: 19.02%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 55.252 ms
Loss rate: 19.02%

Run 7: Report of Verus — Data Link

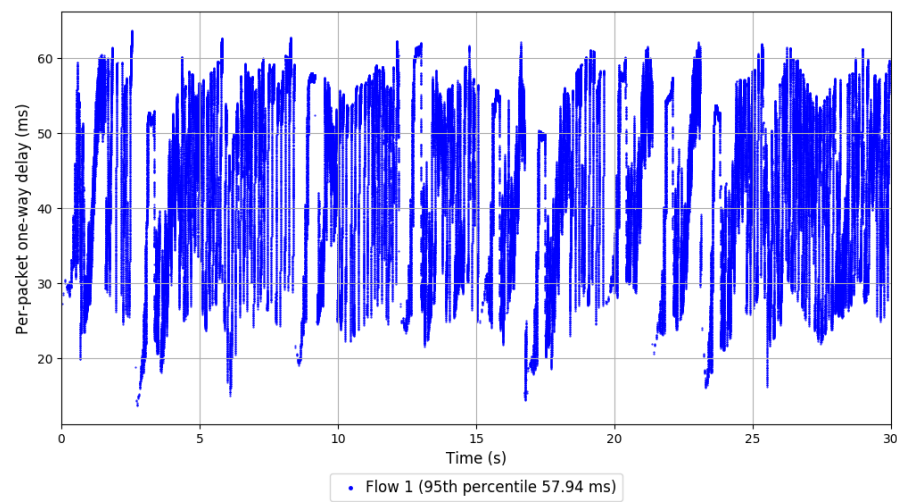
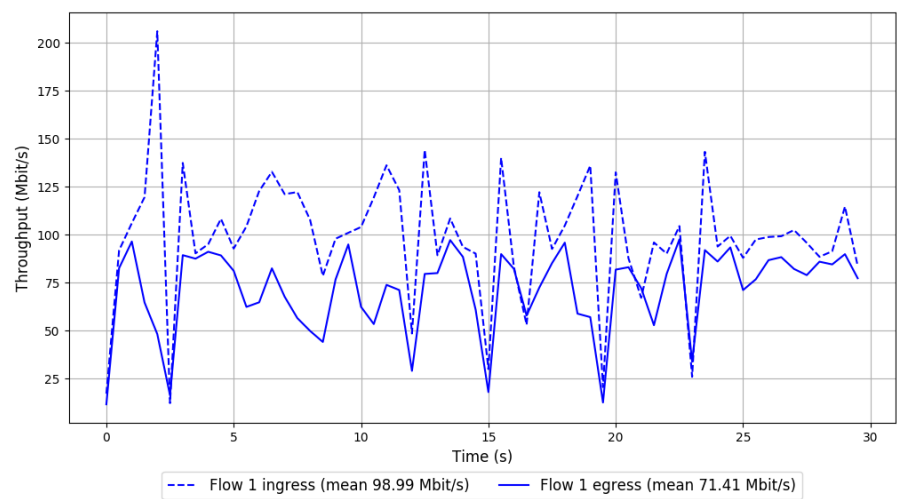


Run 8: Statistics of Verus

Start at: 2018-01-08 23:54:15
End at: 2018-01-08 23:54:45
Local clock offset: 22.944 ms
Remote clock offset: -0.499 ms

Below is generated by plot.py at 2018-01-09 01:36:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.41 Mbit/s
95th percentile per-packet one-way delay: 57.941 ms
Loss rate: 27.85%
-- Flow 1:
Average throughput: 71.41 Mbit/s
95th percentile per-packet one-way delay: 57.941 ms
Loss rate: 27.85%

Run 8: Report of Verus — Data Link

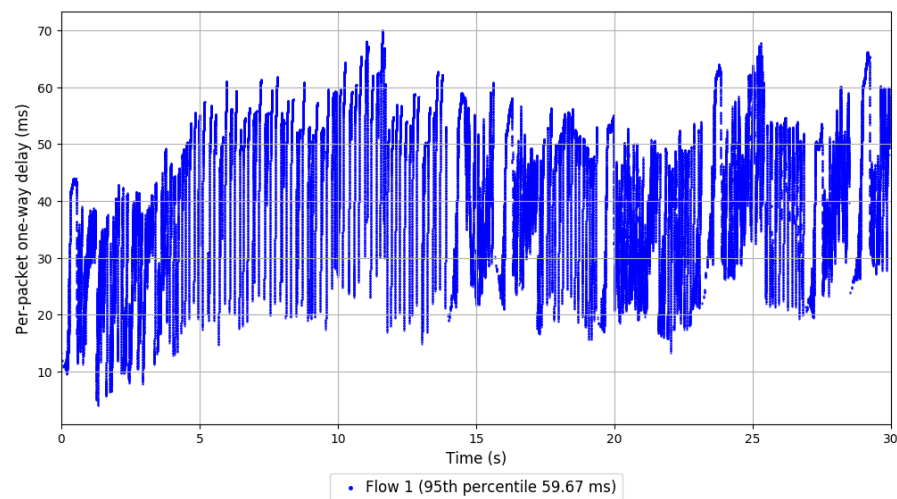
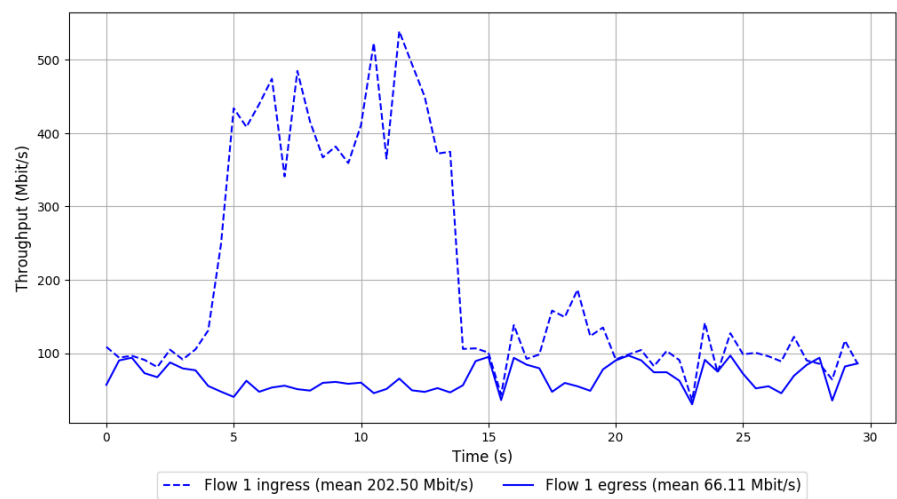


Run 9: Statistics of Verus

Start at: 2018-01-09 00:11:13
End at: 2018-01-09 00:11:43
Local clock offset: 15.765 ms
Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-01-09 01:37:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.11 Mbit/s
95th percentile per-packet one-way delay: 59.666 ms
Loss rate: 67.33%
-- Flow 1:
Average throughput: 66.11 Mbit/s
95th percentile per-packet one-way delay: 59.666 ms
Loss rate: 67.33%

Run 9: Report of Verus — Data Link

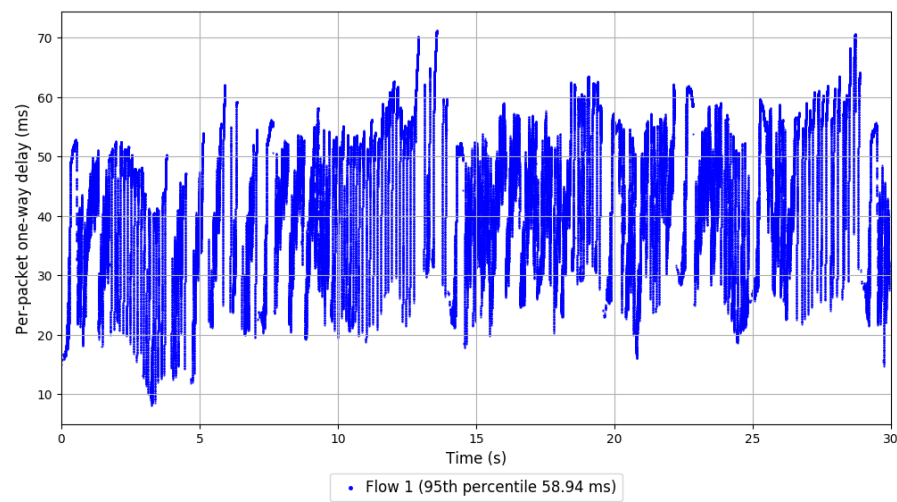
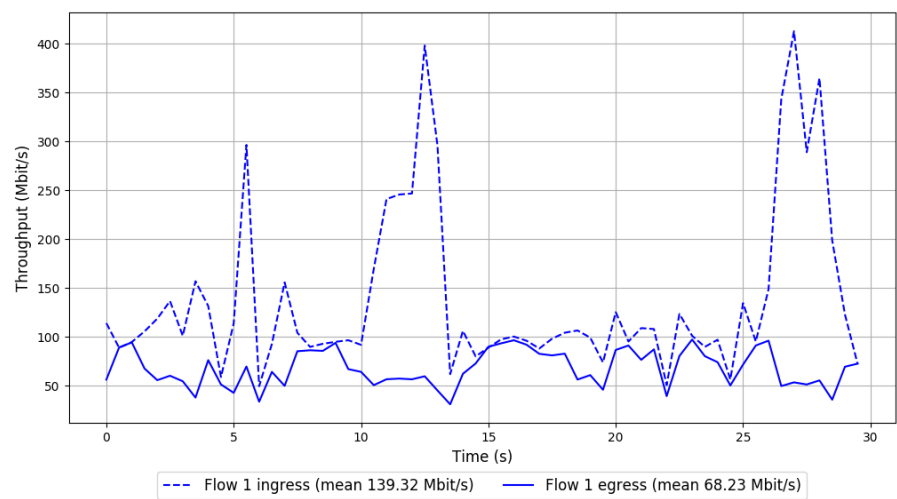


Run 10: Statistics of Verus

Start at: 2018-01-09 00:28:15
End at: 2018-01-09 00:28:45
Local clock offset: 9.06 ms
Remote clock offset: -0.412 ms

Below is generated by plot.py at 2018-01-09 01:37:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.23 Mbit/s
95th percentile per-packet one-way delay: 58.942 ms
Loss rate: 51.01%
-- Flow 1:
Average throughput: 68.23 Mbit/s
95th percentile per-packet one-way delay: 58.942 ms
Loss rate: 51.01%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-01-08 21:53:24

End at: 2018-01-08 21:53:54

Local clock offset: 0.915 ms

Remote clock offset: 0.217 ms

Below is generated by plot.py at 2018-01-09 01:39:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.76 Mbit/s

95th percentile per-packet one-way delay: 29.567 ms

Loss rate: 0.00%

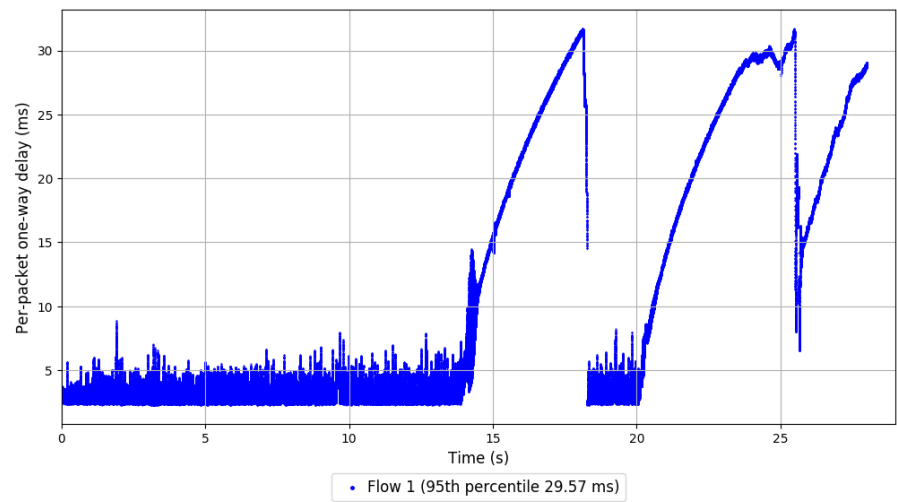
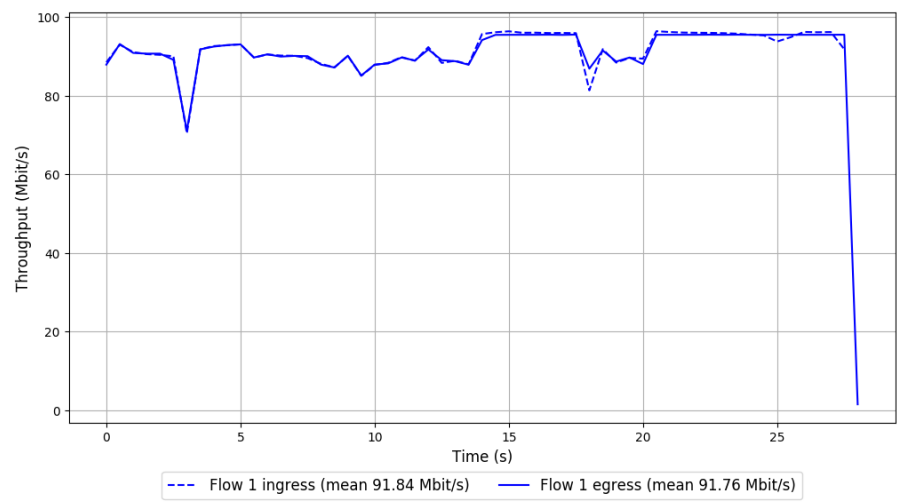
-- Flow 1:

Average throughput: 91.76 Mbit/s

95th percentile per-packet one-way delay: 29.567 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-01-08 22:10:22

End at: 2018-01-08 22:10:52

Local clock offset: 0.821 ms

Remote clock offset: 0.041 ms

Below is generated by plot.py at 2018-01-09 01:39:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.96 Mbit/s

95th percentile per-packet one-way delay: 26.552 ms

Loss rate: 0.00%

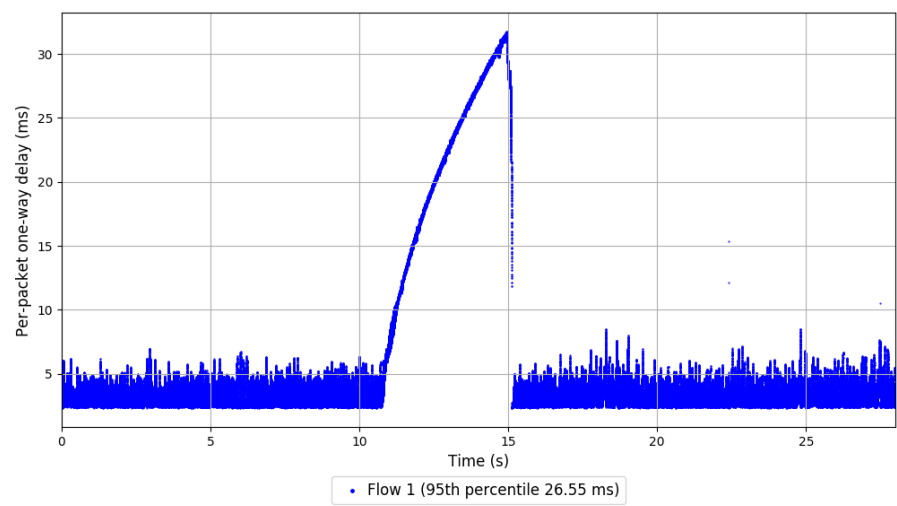
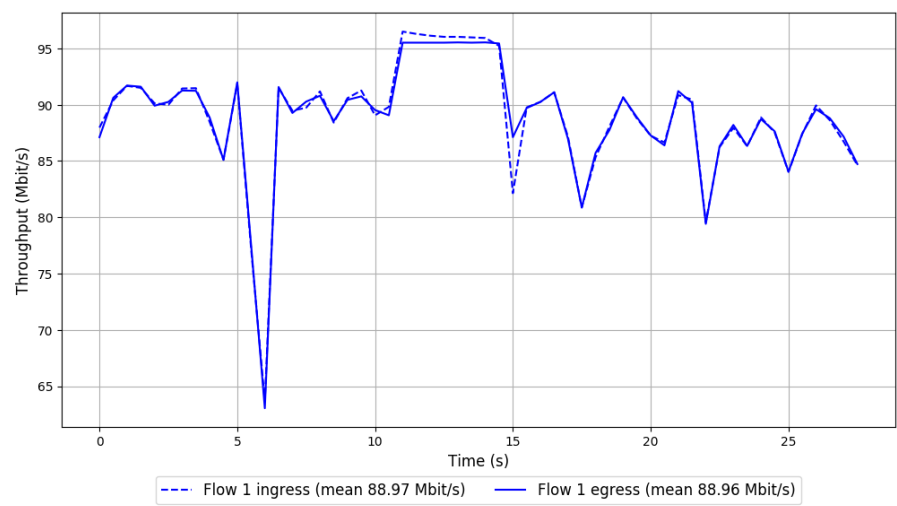
-- Flow 1:

Average throughput: 88.96 Mbit/s

95th percentile per-packet one-way delay: 26.552 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

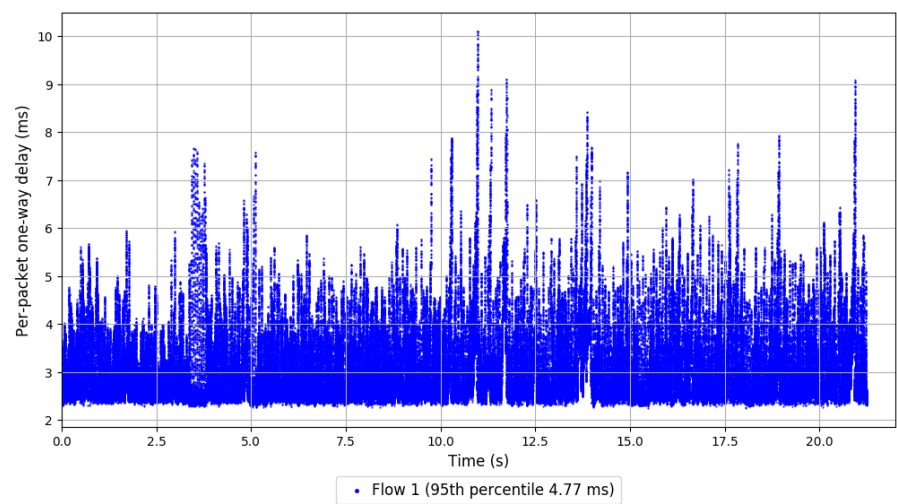
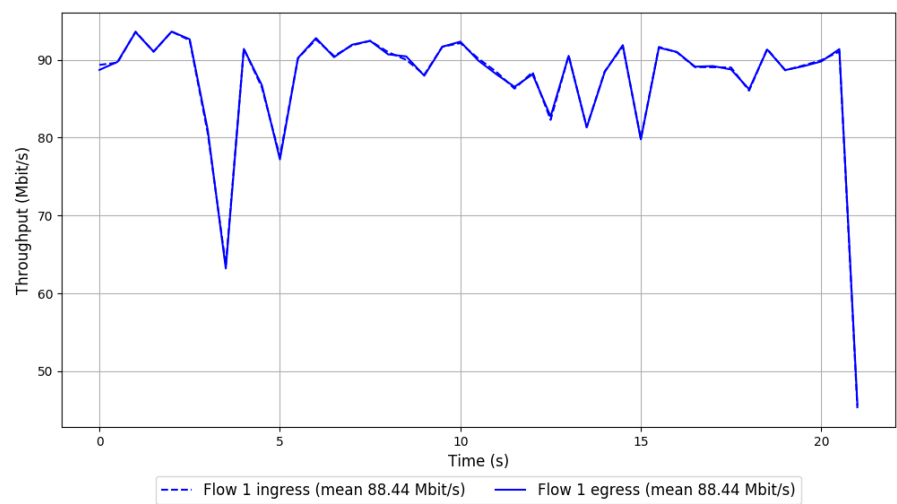
Start at: 2018-01-08 22:27:22

End at: 2018-01-08 22:27:52

Local clock offset: 0.924 ms

Remote clock offset: -0.098 ms

Run 3: Report of Copa — Data Link

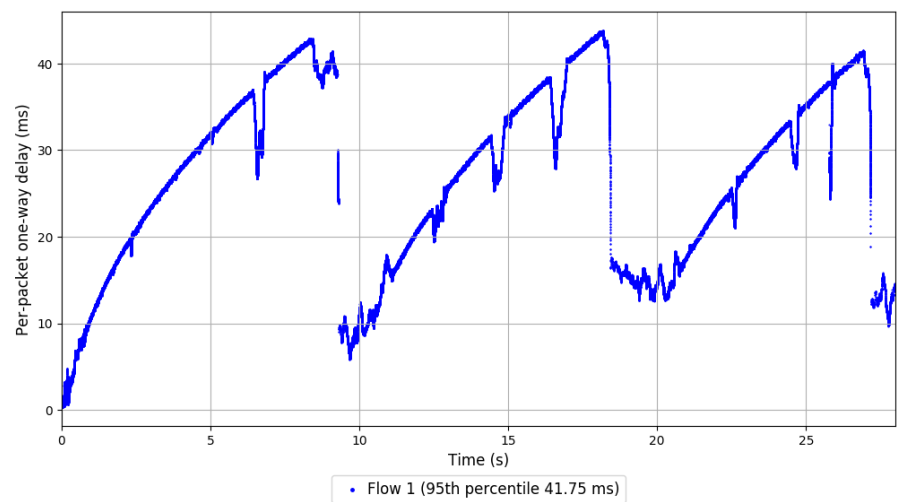
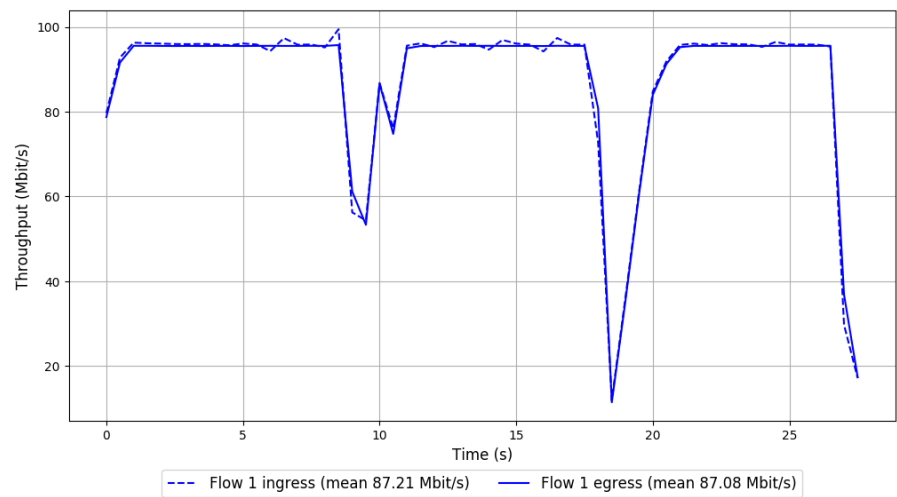


Run 4: Statistics of Copa

Start at: 2018-01-08 22:44:19
End at: 2018-01-08 22:44:49
Local clock offset: 2.877 ms
Remote clock offset: -0.284 ms

Below is generated by plot.py at 2018-01-09 01:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 41.751 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 41.751 ms
Loss rate: 0.13%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-01-08 23:01:12

End at: 2018-01-08 23:01:42

Local clock offset: 9.611 ms

Remote clock offset: -0.37 ms

Below is generated by plot.py at 2018-01-09 01:40:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.61 Mbit/s

95th percentile per-packet one-way delay: 40.970 ms

Loss rate: 0.07%

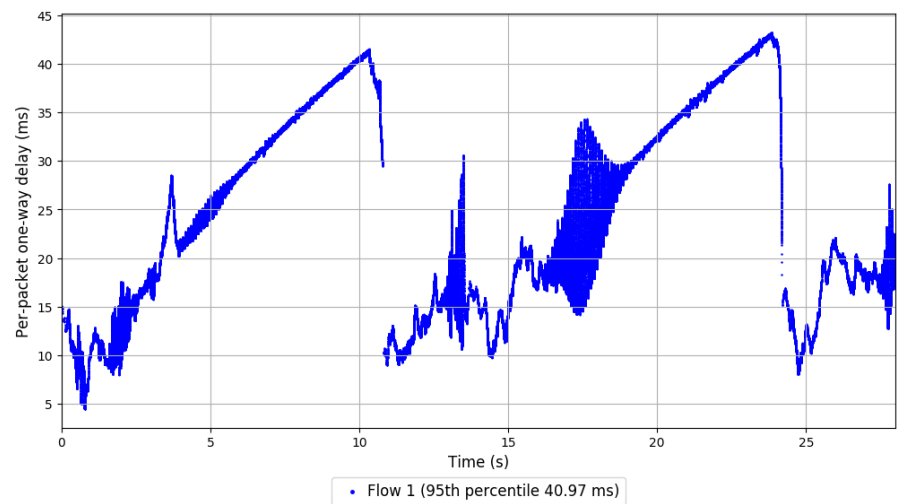
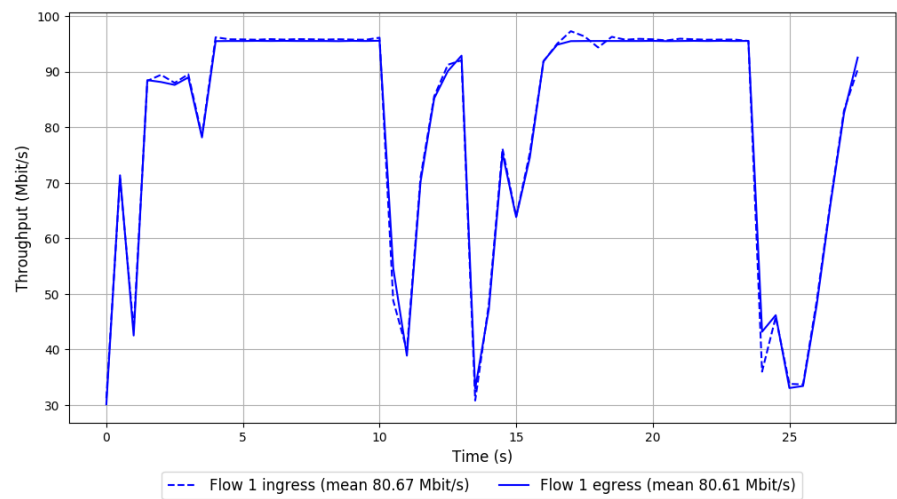
-- Flow 1:

Average throughput: 80.61 Mbit/s

95th percentile per-packet one-way delay: 40.970 ms

Loss rate: 0.07%

Run 5: Report of Copa — Data Link

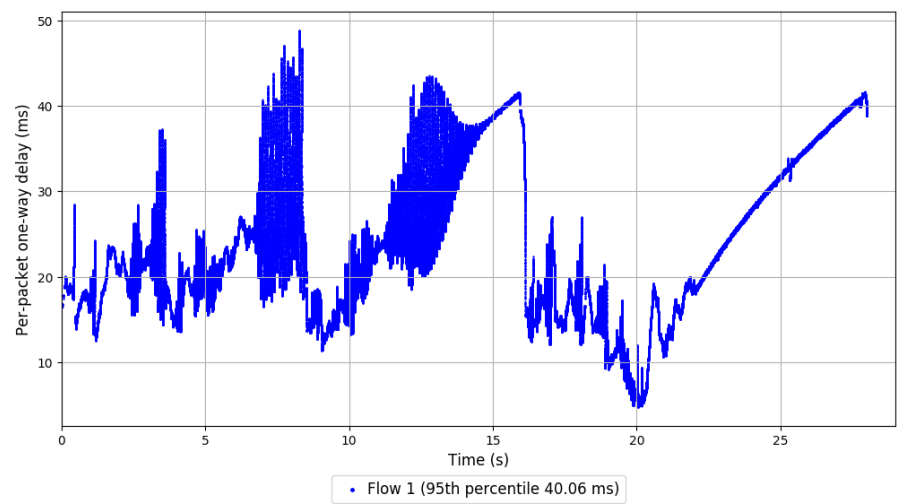
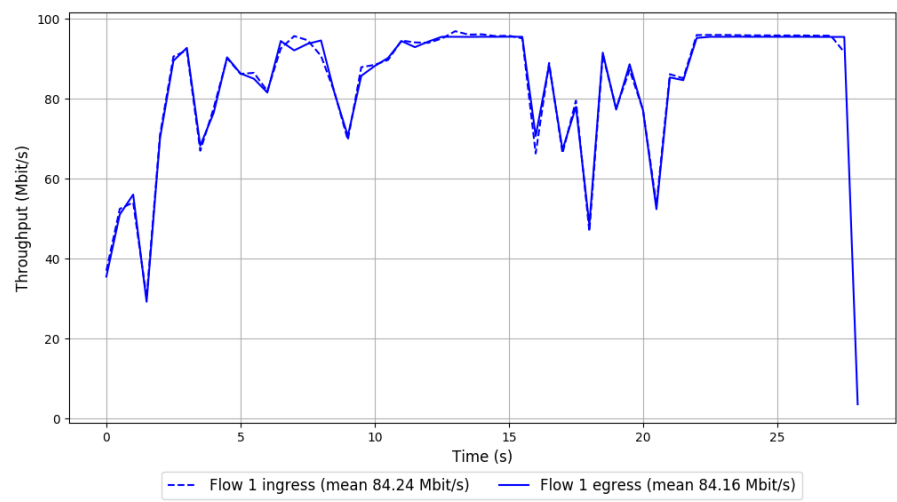


Run 6: Statistics of Copa

Start at: 2018-01-08 23:18:06
End at: 2018-01-08 23:18:36
Local clock offset: 3.125 ms
Remote clock offset: -0.525 ms

Below is generated by plot.py at 2018-01-09 01:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 40.065 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 40.065 ms
Loss rate: 0.02%

Run 6: Report of Copa — Data Link

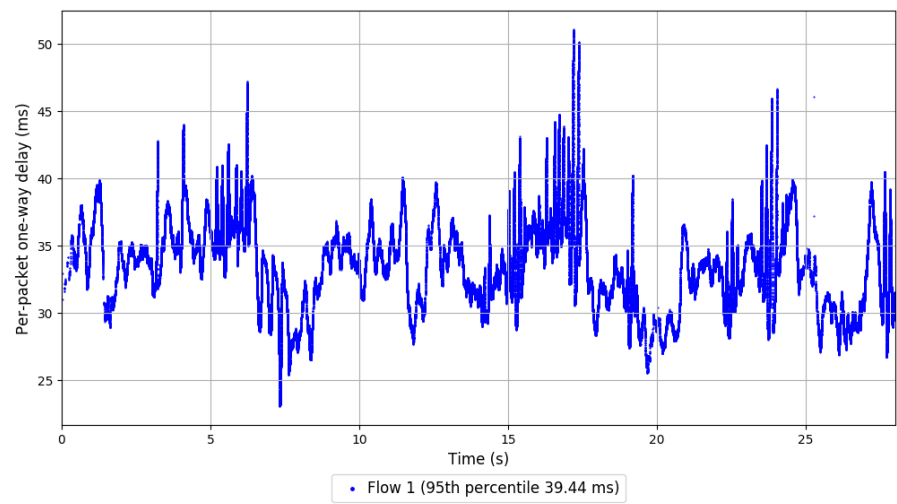
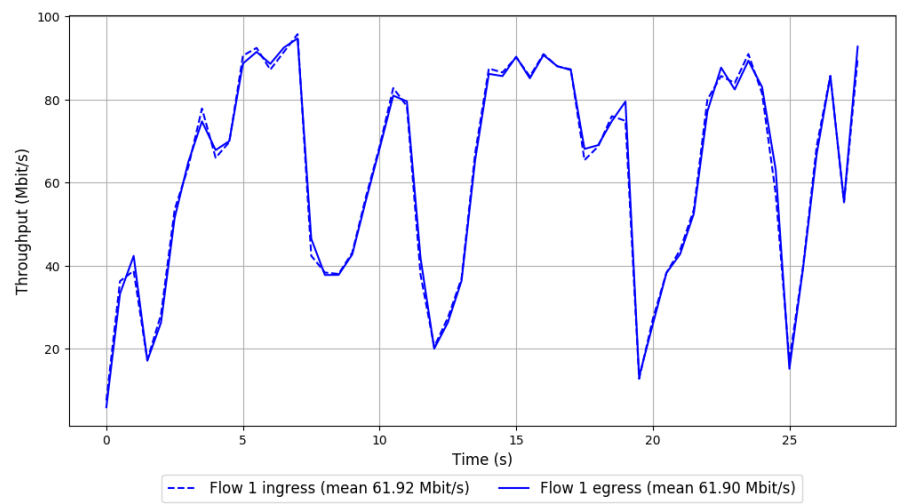


Run 7: Statistics of Copa

Start at: 2018-01-08 23:34:59
End at: 2018-01-08 23:35:29
Local clock offset: 14.533 ms
Remote clock offset: -0.46 ms

Below is generated by plot.py at 2018-01-09 01:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 39.438 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 39.438 ms
Loss rate: 0.08%

Run 7: Report of Copa — Data Link

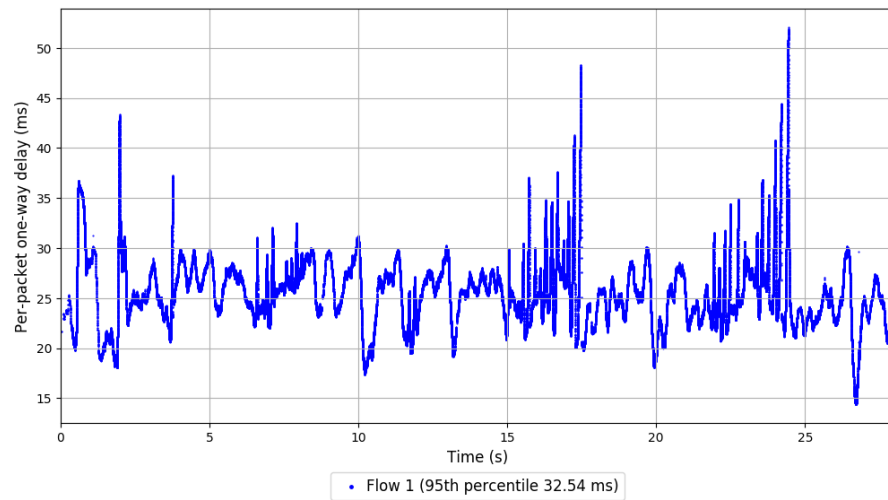
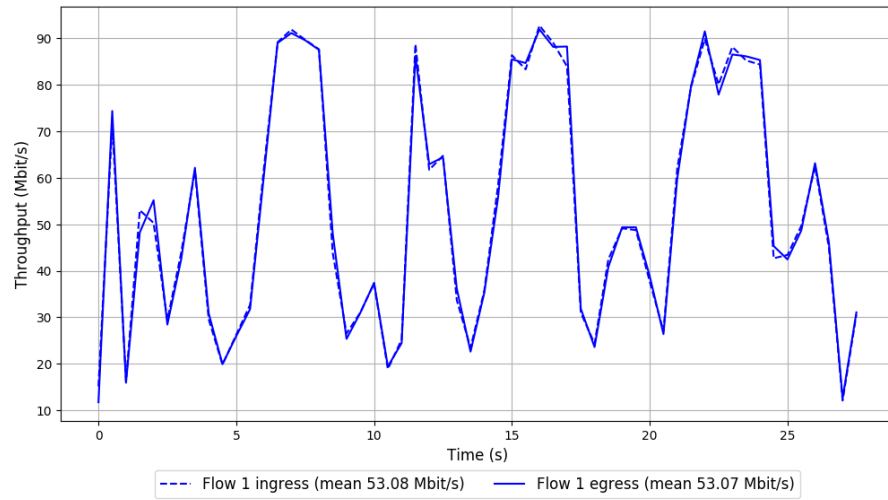


Run 8: Statistics of Copa

Start at: 2018-01-08 23:51:57
End at: 2018-01-08 23:52:27
Local clock offset: 23.015 ms
Remote clock offset: -0.465 ms

Below is generated by plot.py at 2018-01-09 01:40:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 32.543 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 32.543 ms
Loss rate: 0.04%

Run 8: Report of Copa — Data Link

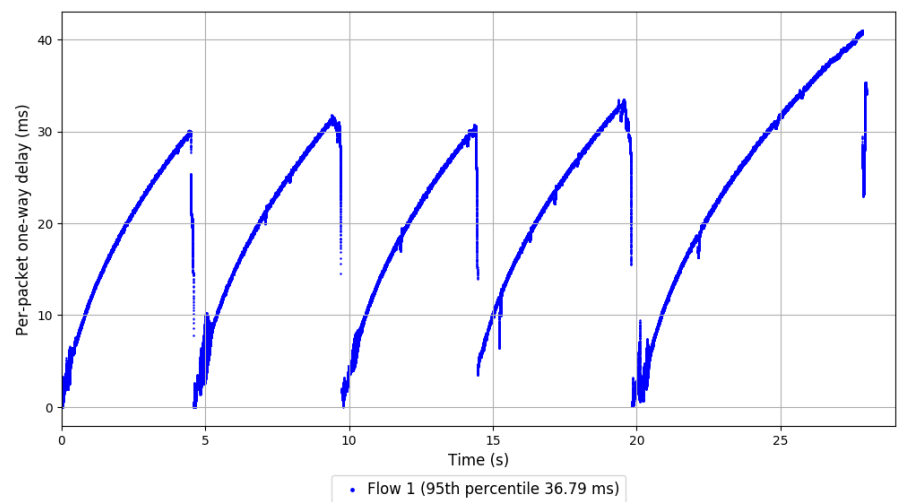
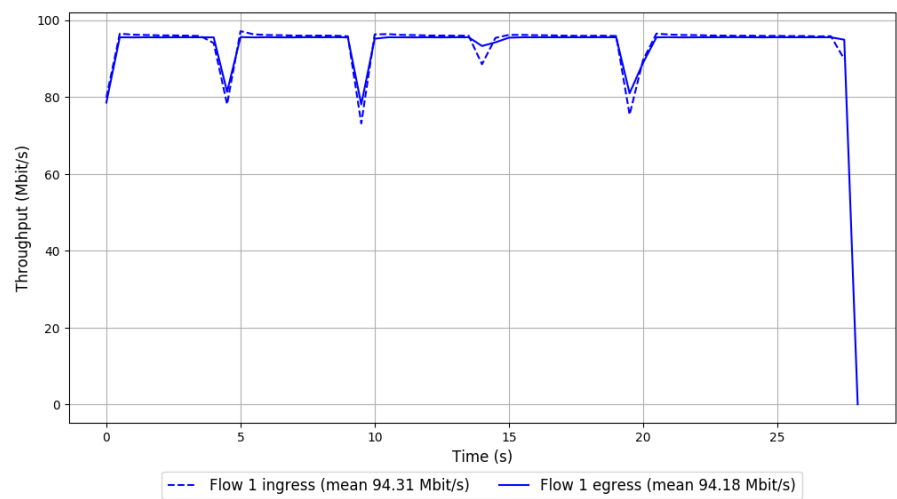


Run 9: Statistics of Copa

Start at: 2018-01-09 00:08:55
End at: 2018-01-09 00:09:25
Local clock offset: 2.787 ms
Remote clock offset: -0.479 ms

Below is generated by plot.py at 2018-01-09 01:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 36.791 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 36.791 ms
Loss rate: 0.06%

Run 9: Report of Copa — Data Link

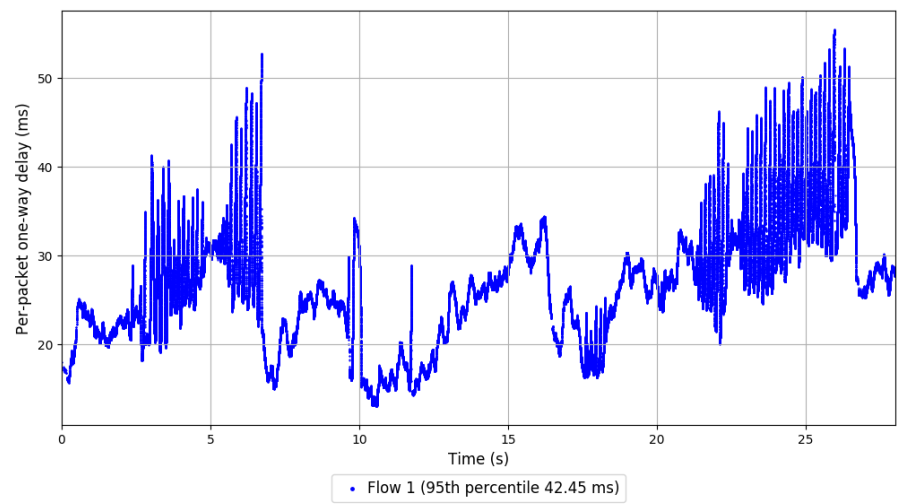
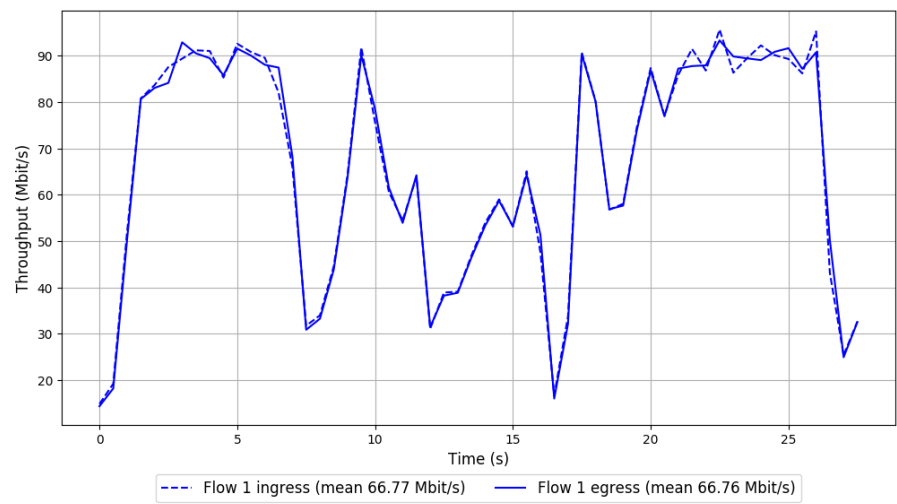


Run 10: Statistics of Copa

Start at: 2018-01-09 00:25:57
End at: 2018-01-09 00:26:28
Local clock offset: 17.782 ms
Remote clock offset: -0.427 ms

Below is generated by plot.py at 2018-01-09 01:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.76 Mbit/s
95th percentile per-packet one-way delay: 42.452 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 66.76 Mbit/s
95th percentile per-packet one-way delay: 42.452 ms
Loss rate: 0.06%

Run 10: Report of Copa — Data Link

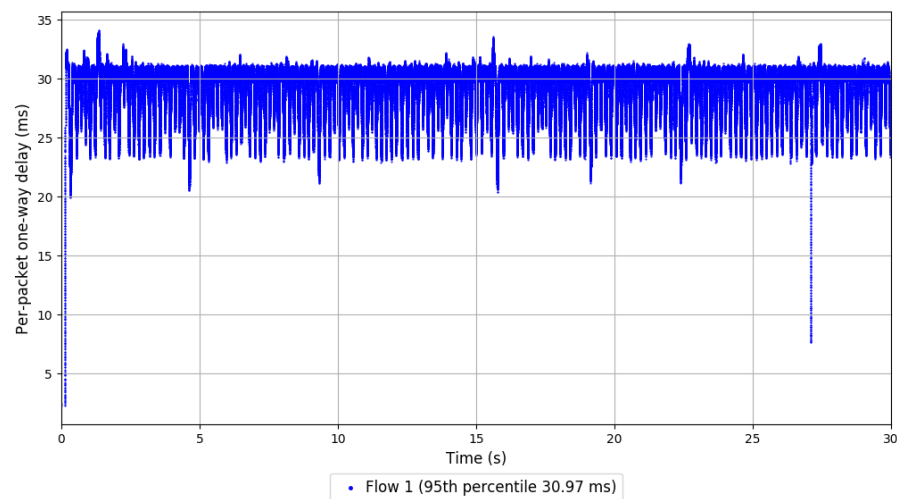
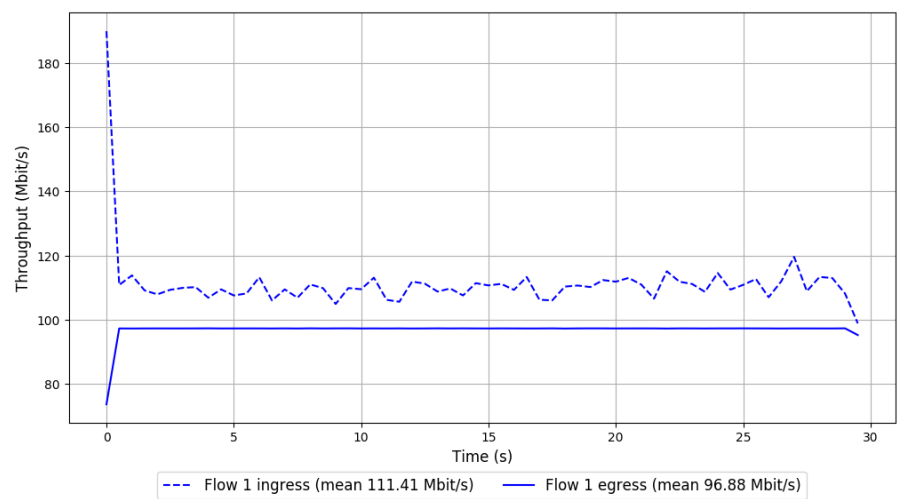


```
Run 1: Statistics of FillP

Start at: 2018-01-08 21:45:38
End at: 2018-01-08 21:46:08
Local clock offset: 0.986 ms
Remote clock offset: 0.277 ms

# Below is generated by plot.py at 2018-01-09 01:43:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 12.96%
-- Flow 1:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 30.969 ms
Loss rate: 12.96%
```


Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-01-08 22:02:34

End at: 2018-01-08 22:03:04

Local clock offset: 0.913 ms

Remote clock offset: 0.042 ms

Below is generated by plot.py at 2018-01-09 01:43:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.910 ms

Loss rate: 12.69%

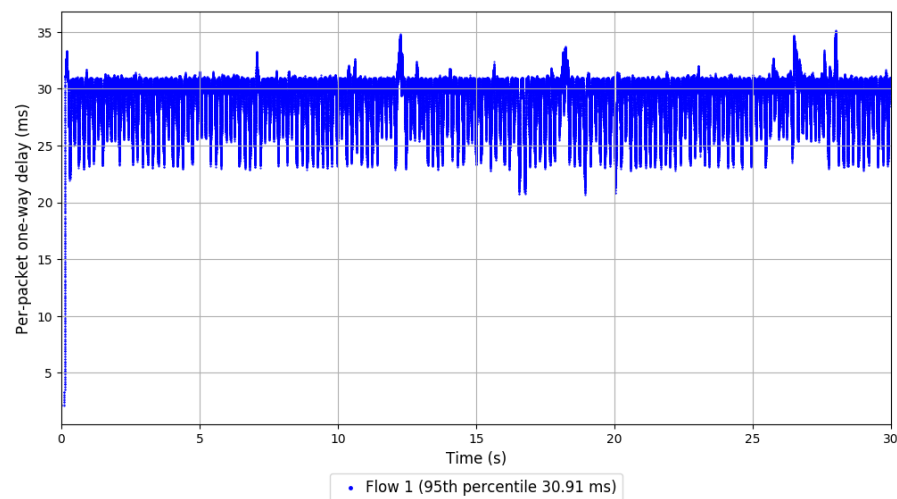
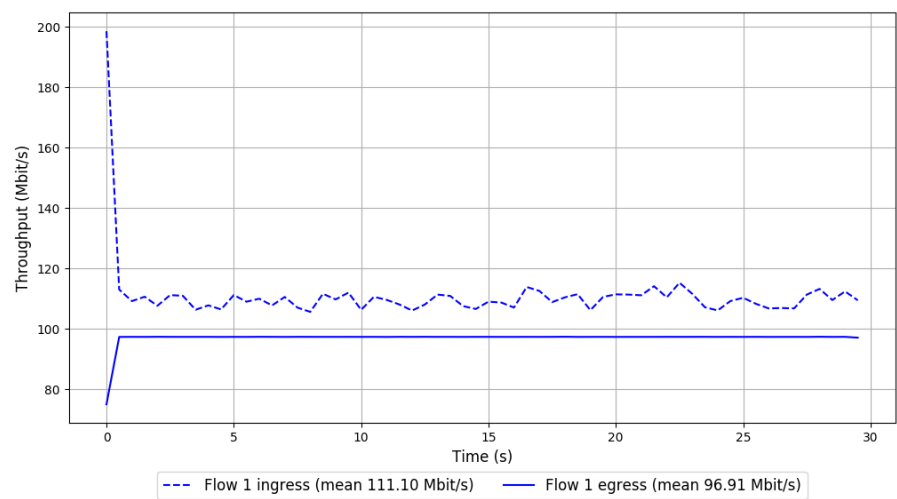
-- Flow 1:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 30.910 ms

Loss rate: 12.69%

Run 2: Report of FillP — Data Link

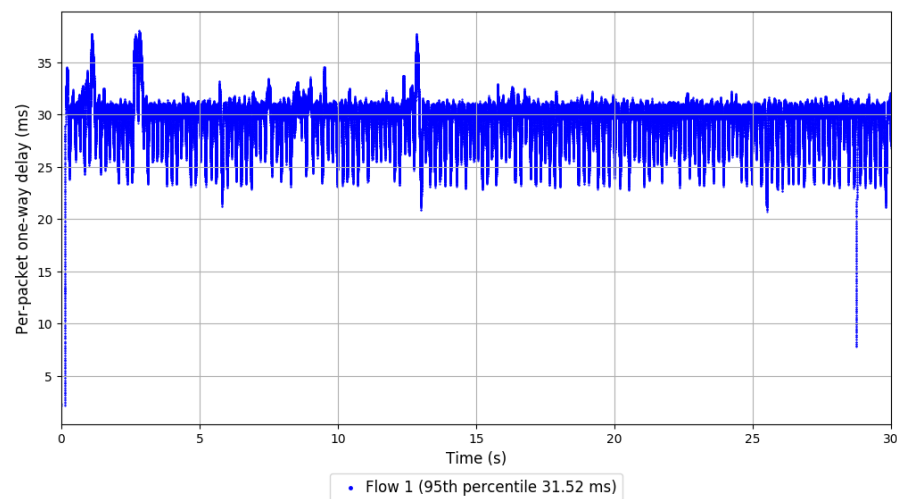
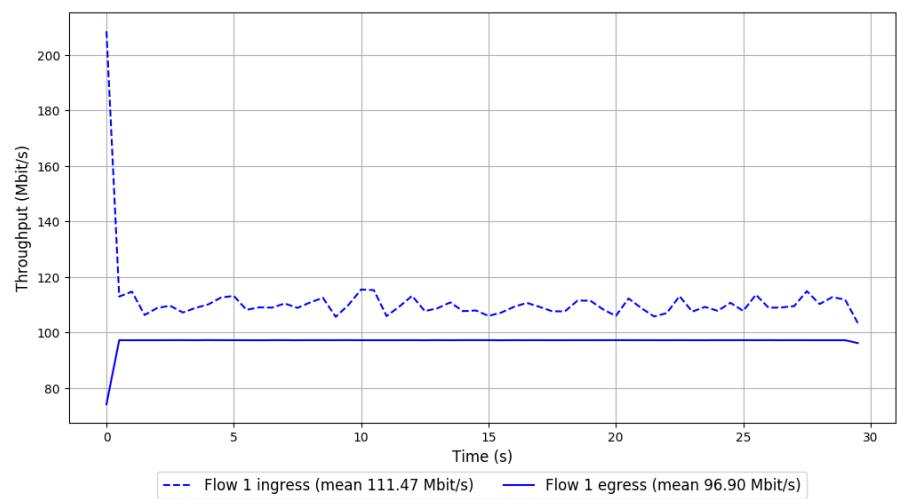


Run 3: Statistics of FillP

Start at: 2018-01-08 22:19:32
End at: 2018-01-08 22:20:02
Local clock offset: 0.873 ms
Remote clock offset: -0.109 ms

Below is generated by plot.py at 2018-01-09 01:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 31.522 ms
Loss rate: 13.00%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 31.522 ms
Loss rate: 13.00%

Run 3: Report of FillP — Data Link

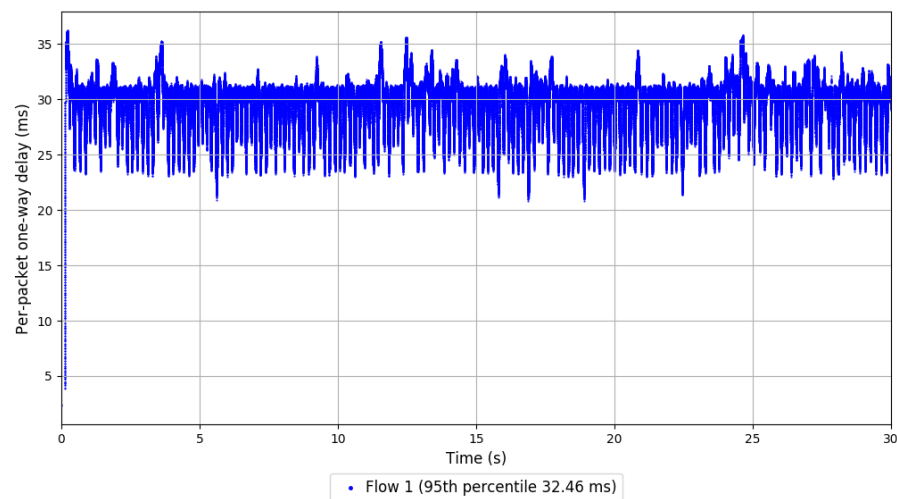
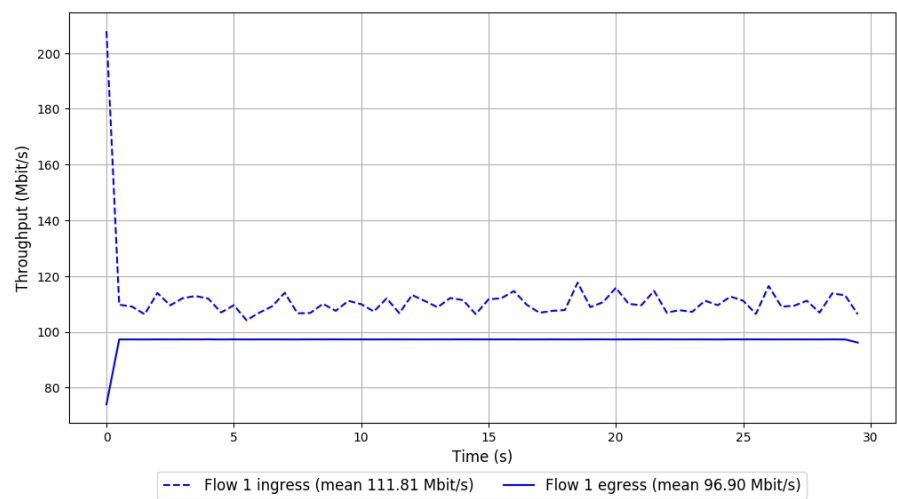


Run 4: Statistics of FillP

Start at: 2018-01-08 22:36:29
End at: 2018-01-08 22:36:59
Local clock offset: 0.883 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-01-09 01:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 32.456 ms
Loss rate: 13.26%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 32.456 ms
Loss rate: 13.26%

Run 4: Report of FillP — Data Link

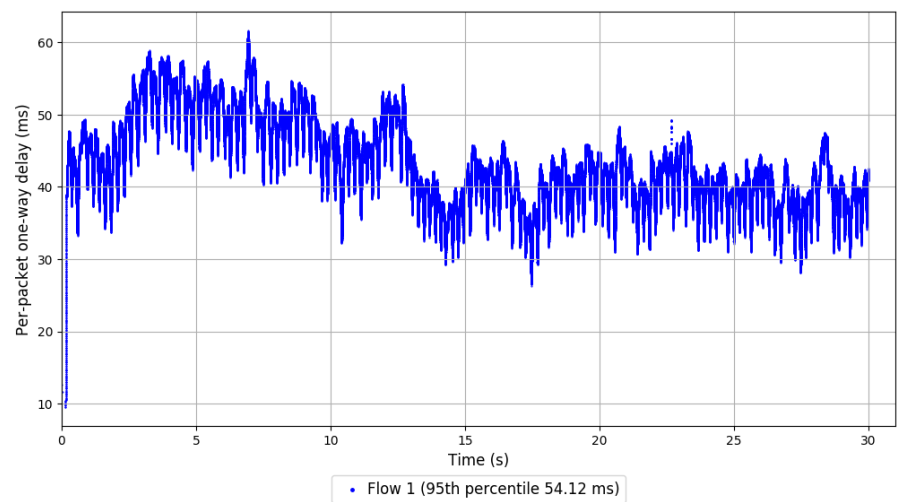
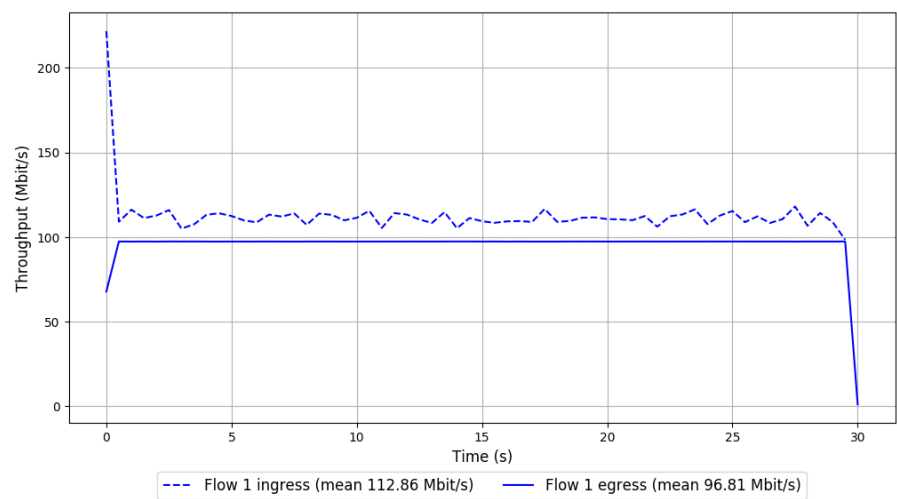


Run 5: Statistics of FillP

Start at: 2018-01-08 22:53:18
End at: 2018-01-08 22:53:48
Local clock offset: 3.463 ms
Remote clock offset: -0.344 ms

Below is generated by plot.py at 2018-01-09 01:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 54.116 ms
Loss rate: 14.14%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 54.116 ms
Loss rate: 14.14%

Run 5: Report of FillP — Data Link

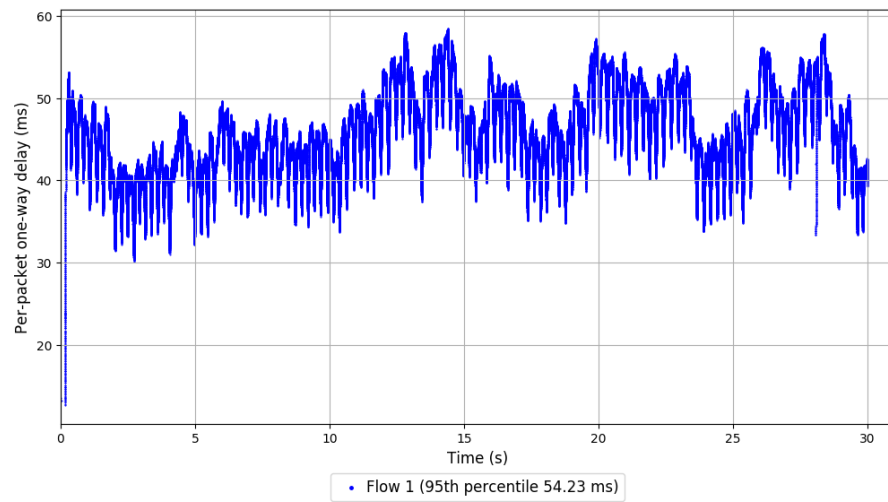
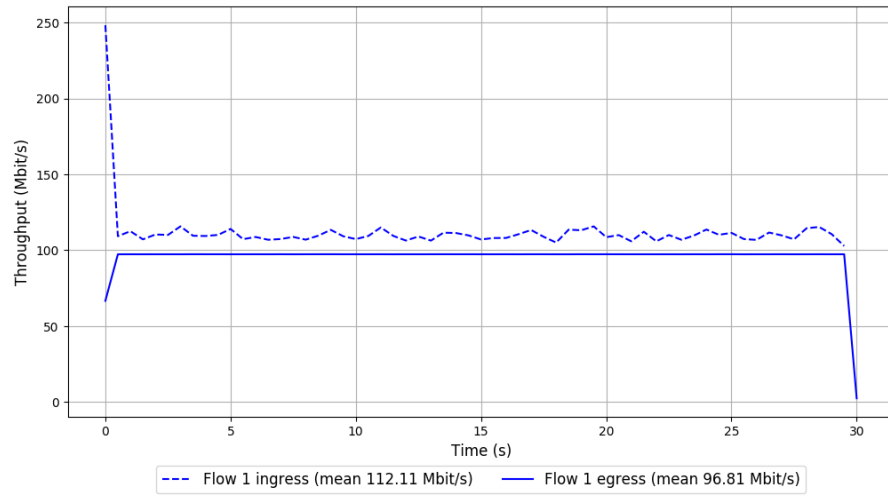


Run 6: Statistics of FillP

Start at: 2018-01-08 23:10:11
End at: 2018-01-08 23:10:41
Local clock offset: 7.885 ms
Remote clock offset: -0.404 ms

Below is generated by plot.py at 2018-01-09 01:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 54.230 ms
Loss rate: 13.57%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 54.230 ms
Loss rate: 13.57%

Run 6: Report of FillP — Data Link

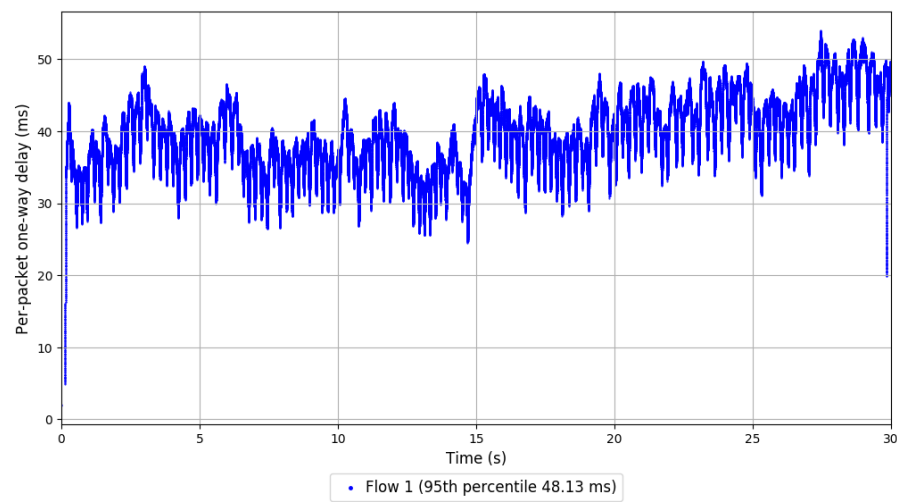
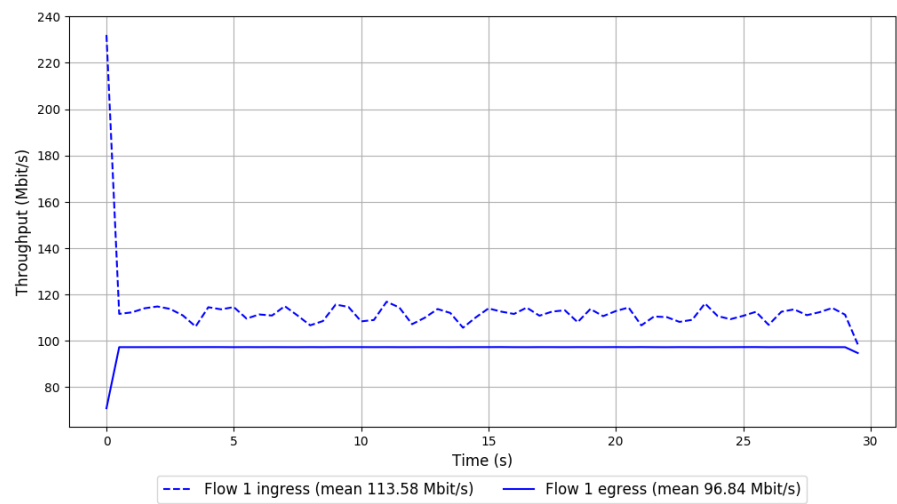


Run 7: Statistics of FillP

Start at: 2018-01-08 23:27:04
End at: 2018-01-08 23:27:34
Local clock offset: 7.669 ms
Remote clock offset: -0.443 ms

Below is generated by plot.py at 2018-01-09 01:45:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 48.134 ms
Loss rate: 14.62%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 48.134 ms
Loss rate: 14.62%

Run 7: Report of FillP — Data Link

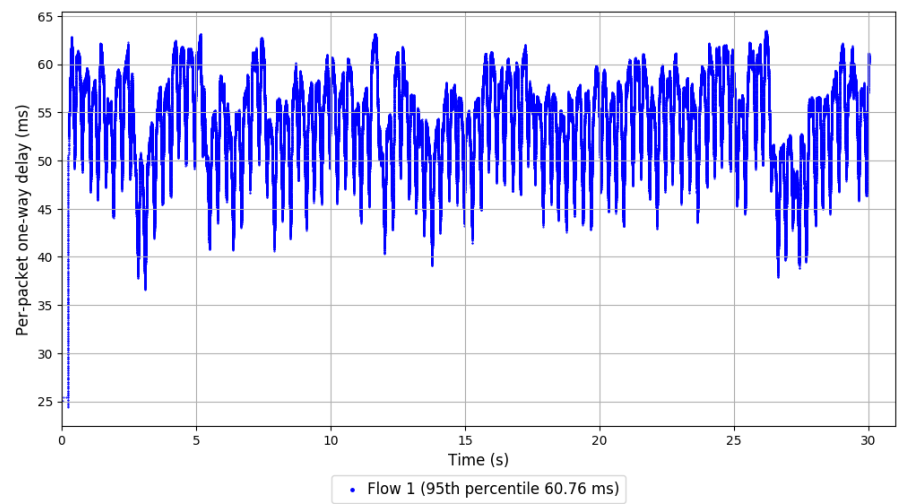
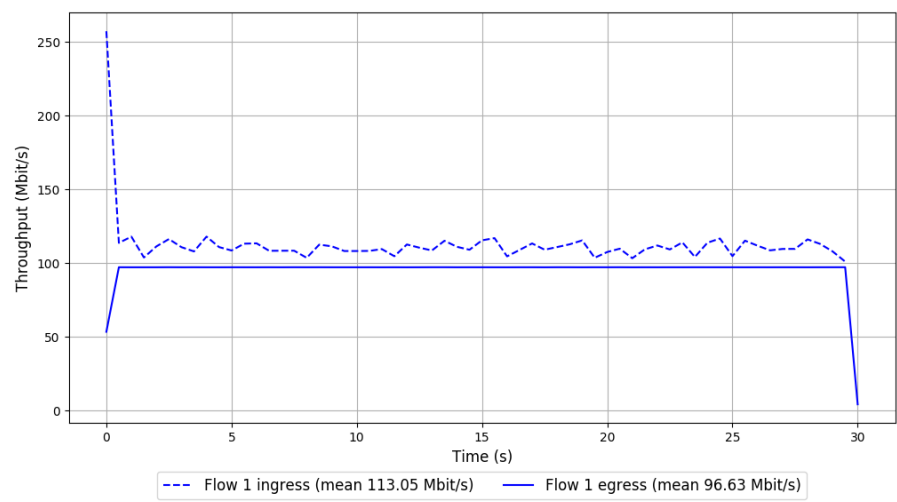


Run 8: Statistics of FillP

Start at: 2018-01-08 23:44:03
End at: 2018-01-08 23:44:33
Local clock offset: 18.54 ms
Remote clock offset: -0.475 ms

Below is generated by plot.py at 2018-01-09 01:46:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 60.760 ms
Loss rate: 14.42%
-- Flow 1:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 60.760 ms
Loss rate: 14.42%

Run 8: Report of FillP — Data Link

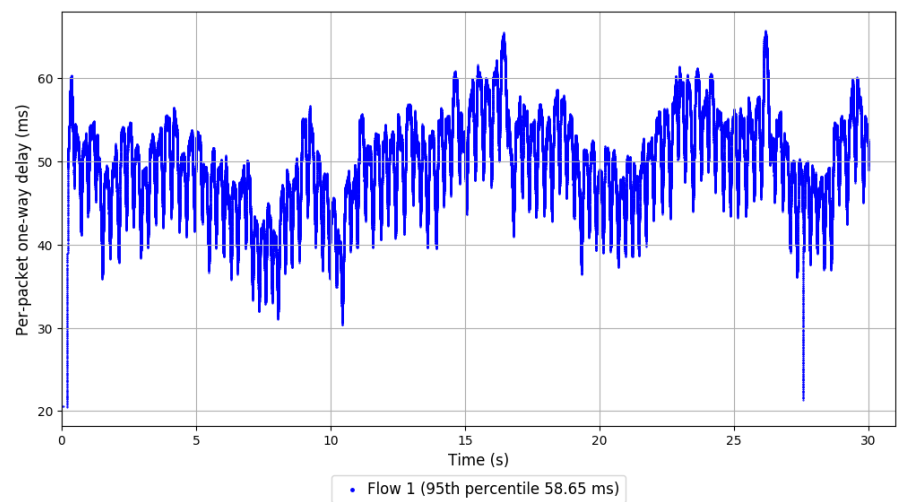
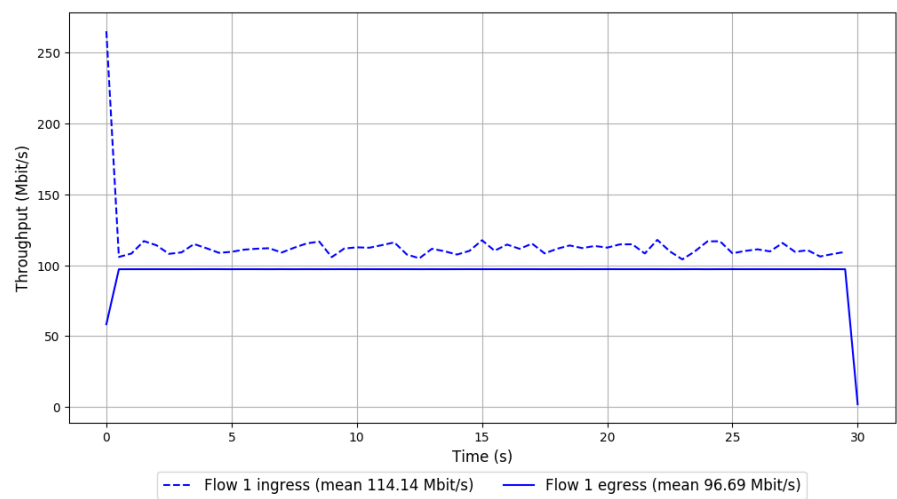


Run 9: Statistics of FillP

Start at: 2018-01-09 00:01:01
End at: 2018-01-09 00:01:31
Local clock offset: 16.347 ms
Remote clock offset: -0.508 ms

Below is generated by plot.py at 2018-01-09 01:46:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 58.645 ms
Loss rate: 15.23%
-- Flow 1:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 58.645 ms
Loss rate: 15.23%

Run 9: Report of FillP — Data Link

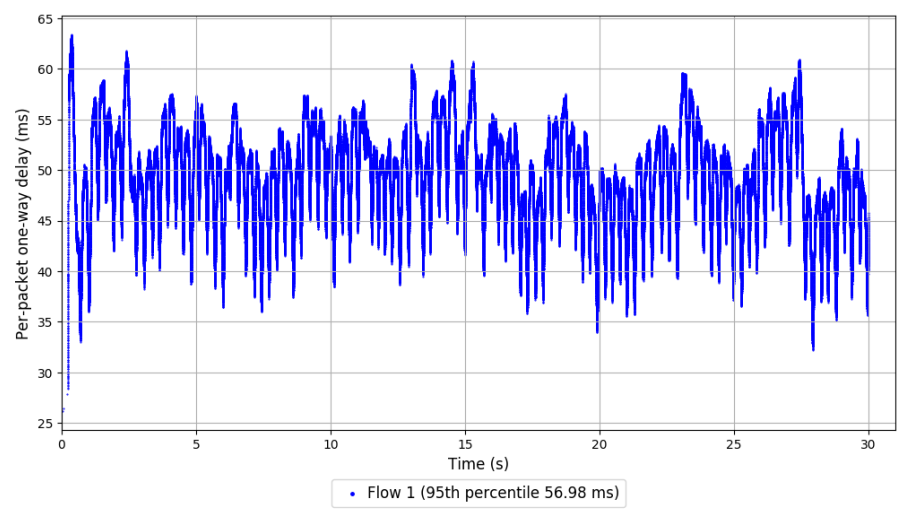
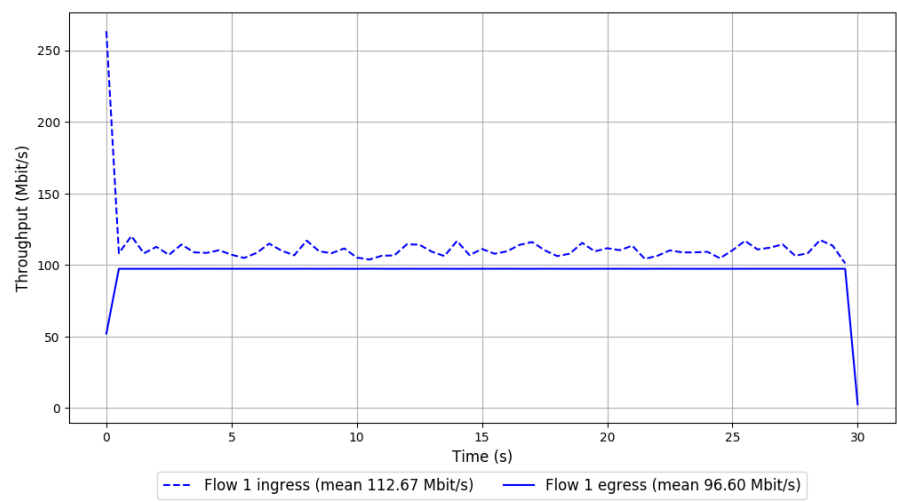


Run 10: Statistics of FillP

Start at: 2018-01-09 00:18:02
End at: 2018-01-09 00:18:32
Local clock offset: 20.359 ms
Remote clock offset: -0.508 ms

Below is generated by plot.py at 2018-01-09 01:46:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 56.980 ms
Loss rate: 14.20%
-- Flow 1:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 56.980 ms
Loss rate: 14.20%

Run 10: Report of FillP — Data Link

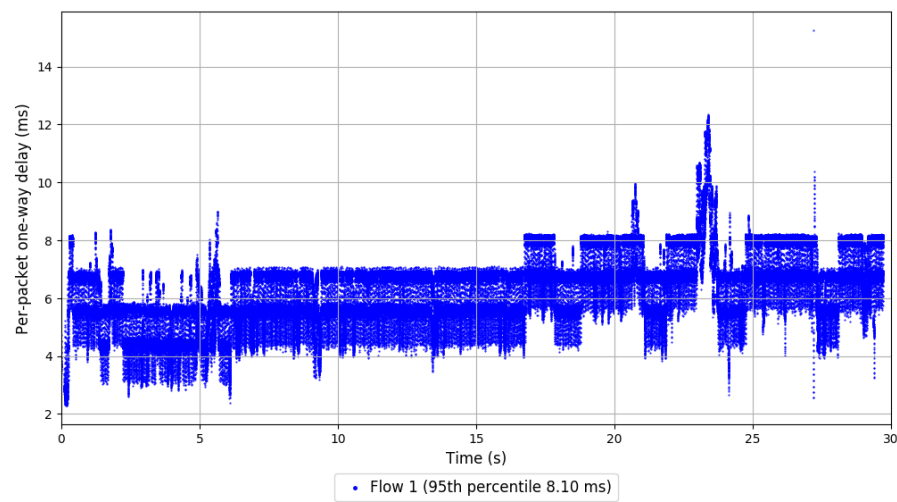
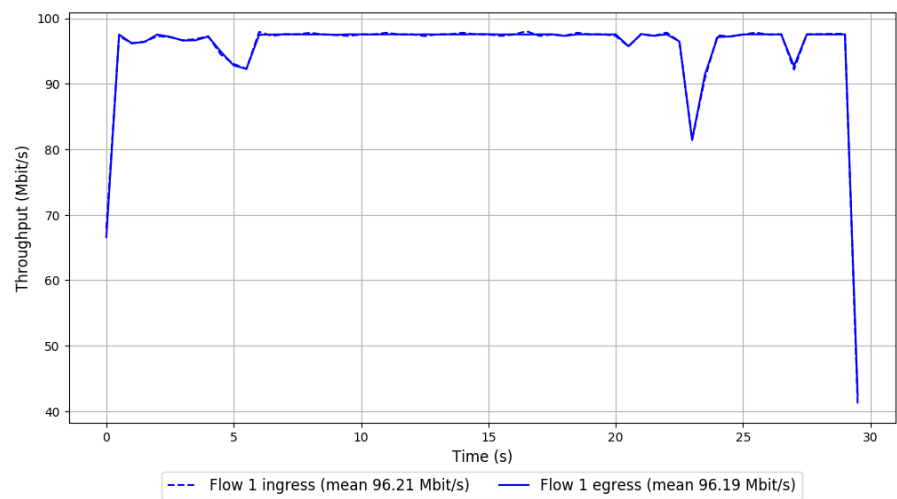


```
Run 1: Statistics of Indigo

Start at: 2018-01-08 21:42:12
End at: 2018-01-08 21:42:42
Local clock offset: 0.991 ms
Remote clock offset: 0.309 ms

# Below is generated by plot.py at 2018-01-09 01:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 8.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 8.096 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-01-08 21:59:08

End at: 2018-01-08 21:59:38

Local clock offset: 0.837 ms

Remote clock offset: 0.092 ms

Below is generated by plot.py at 2018-01-09 01:46:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 8.066 ms

Loss rate: 0.00%

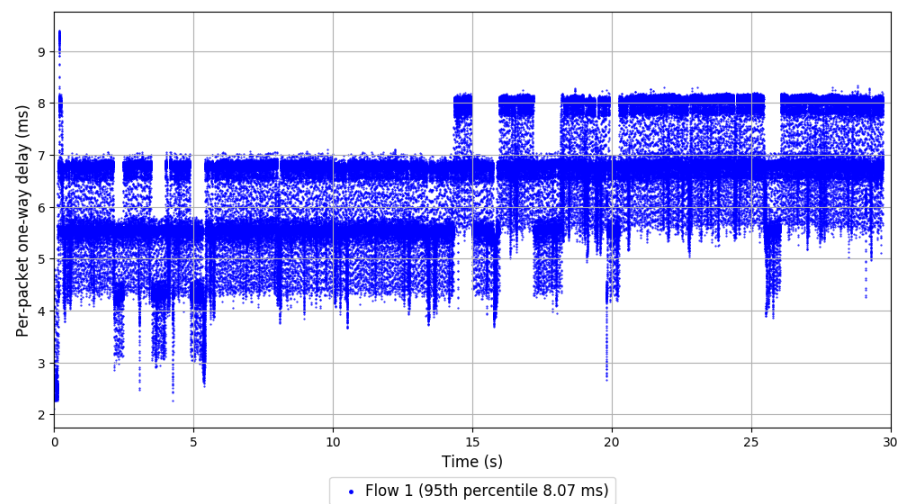
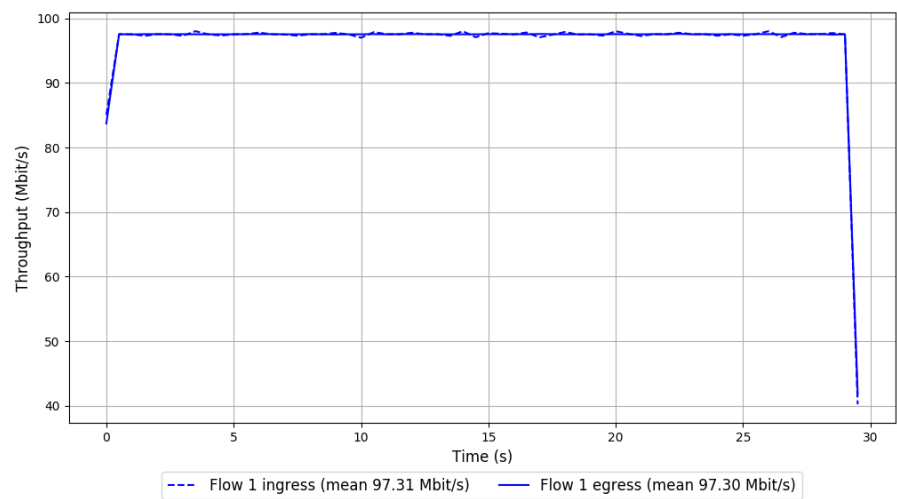
-- Flow 1:

Average throughput: 97.30 Mbit/s

95th percentile per-packet one-way delay: 8.066 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-01-08 22:16:06

End at: 2018-01-08 22:16:36

Local clock offset: 0.755 ms

Remote clock offset: -0.002 ms

Below is generated by plot.py at 2018-01-09 01:46:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 8.206 ms

Loss rate: 0.00%

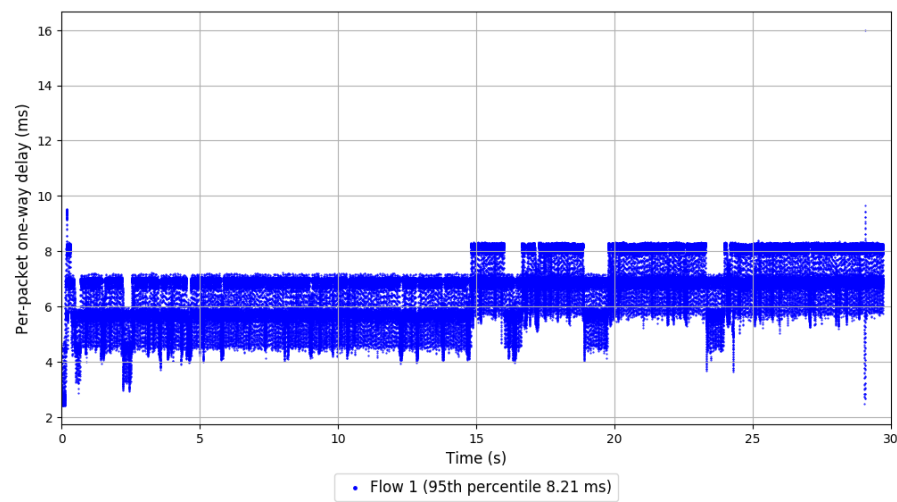
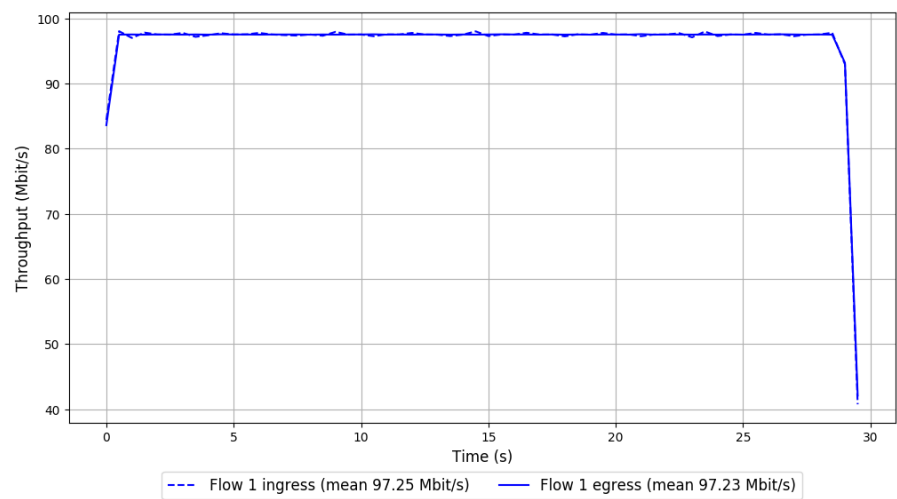
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 8.206 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-01-08 22:33:04

End at: 2018-01-08 22:33:34

Local clock offset: 0.933 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2018-01-09 01:46:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 9.340 ms

Loss rate: 0.01%

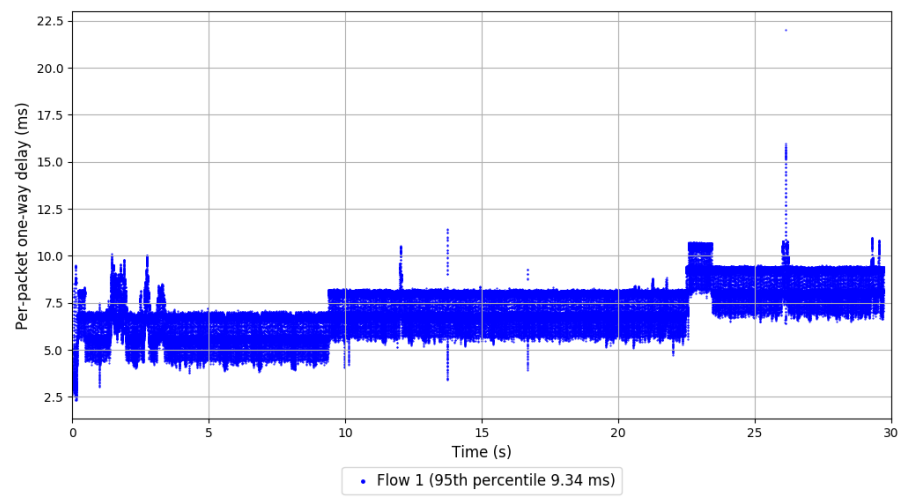
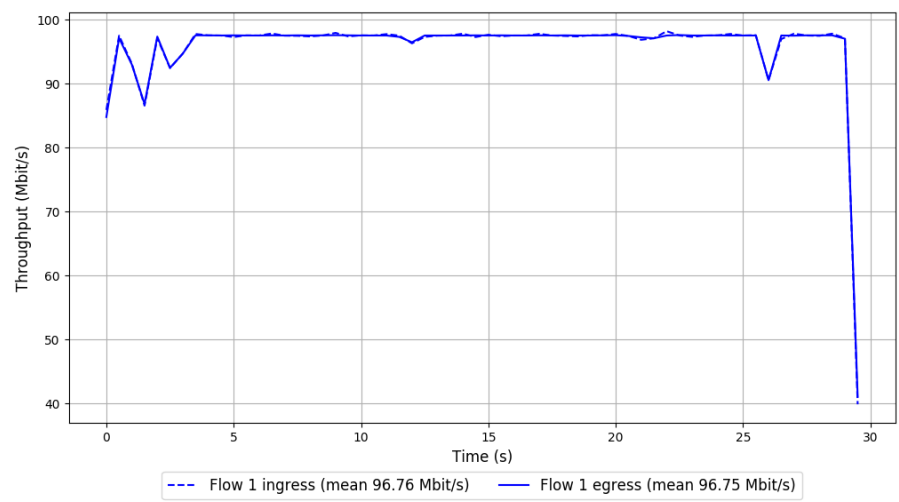
-- Flow 1:

Average throughput: 96.75 Mbit/s

95th percentile per-packet one-way delay: 9.340 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link

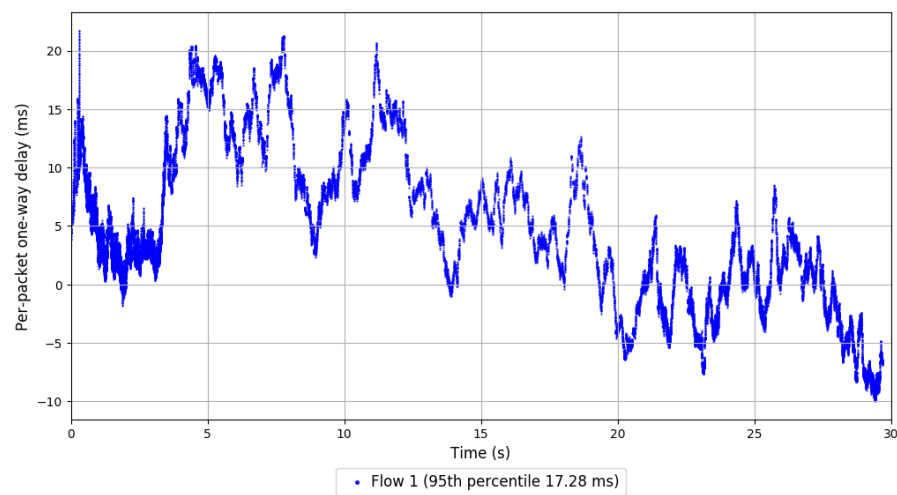
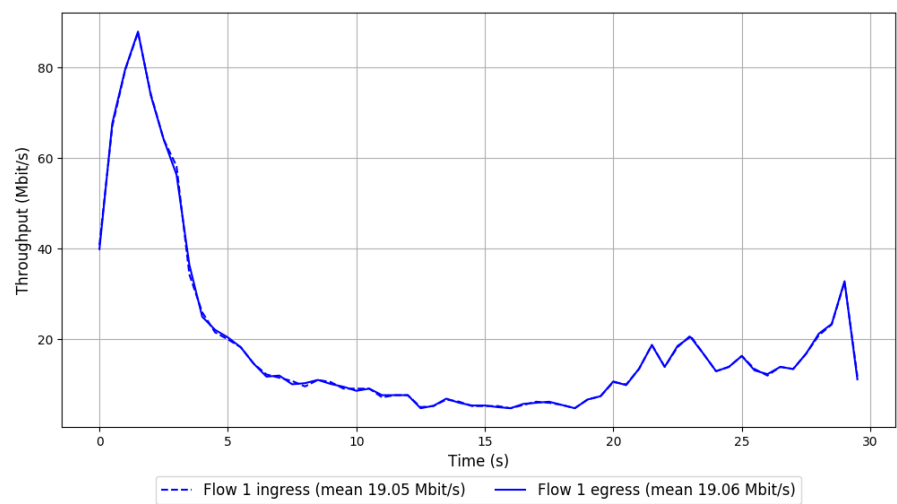


Run 5: Statistics of Indigo

Start at: 2018-01-08 22:50:00
End at: 2018-01-08 22:50:30
Local clock offset: 13.853 ms
Remote clock offset: -0.306 ms

Below is generated by plot.py at 2018-01-09 01:46:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.06 Mbit/s
95th percentile per-packet one-way delay: 17.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 19.06 Mbit/s
95th percentile per-packet one-way delay: 17.283 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-01-08 23:06:52

End at: 2018-01-08 23:07:22

Local clock offset: 14.019 ms

Remote clock offset: -0.46 ms

Below is generated by plot.py at 2018-01-09 01:46:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.77 Mbit/s

95th percentile per-packet one-way delay: 21.909 ms

Loss rate: 0.02%

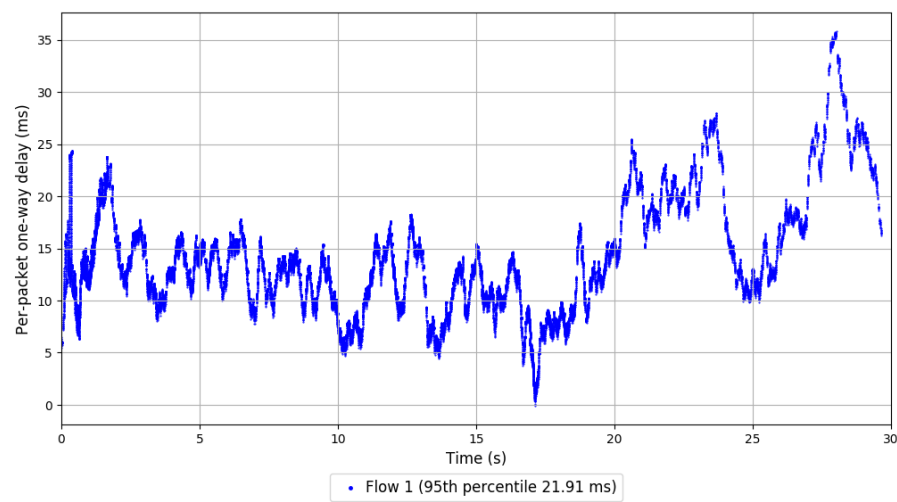
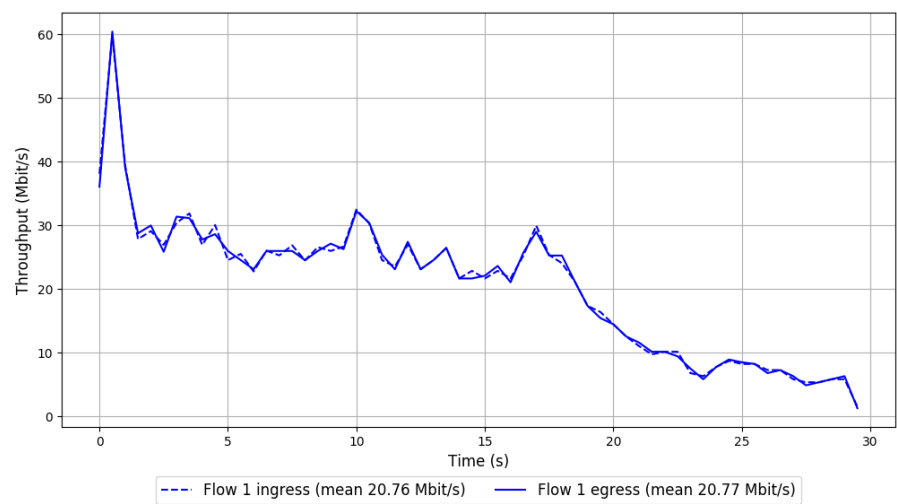
-- Flow 1:

Average throughput: 20.77 Mbit/s

95th percentile per-packet one-way delay: 21.909 ms

Loss rate: 0.02%

Run 6: Report of Indigo — Data Link

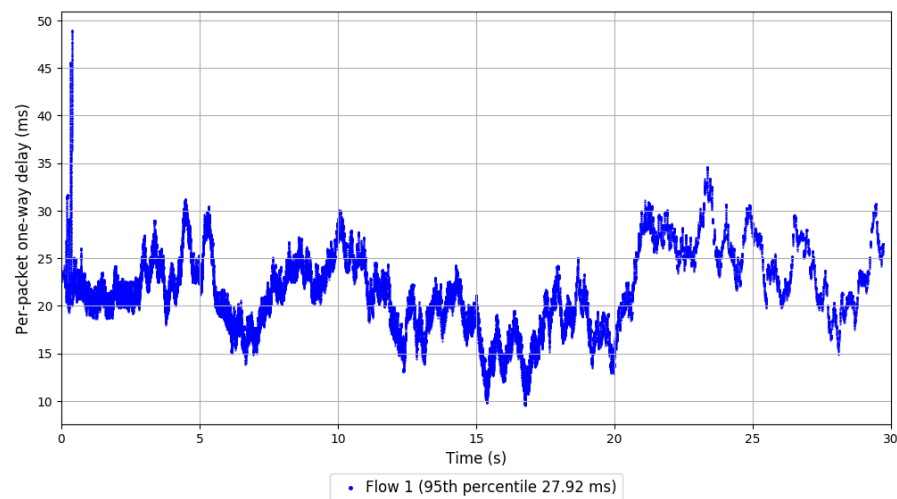
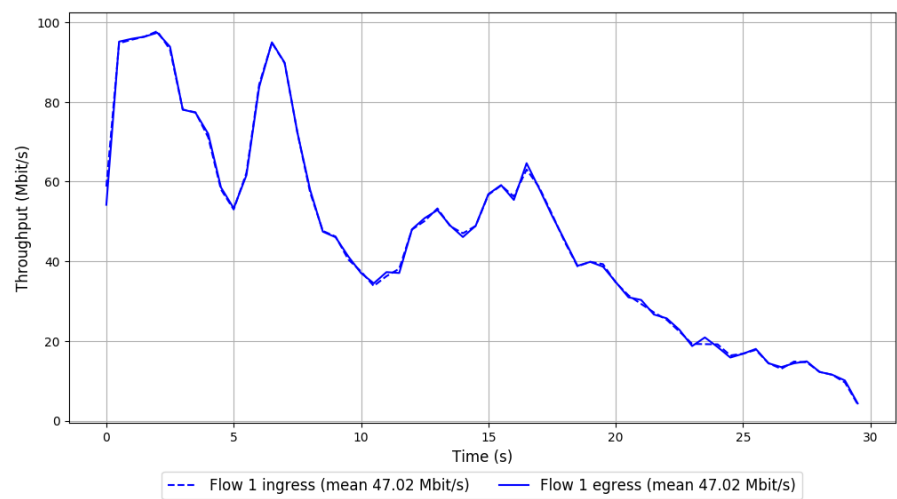


Run 7: Statistics of Indigo

Start at: 2018-01-08 23:23:44
End at: 2018-01-08 23:24:14
Local clock offset: 8.061 ms
Remote clock offset: -0.499 ms

Below is generated by plot.py at 2018-01-09 01:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.02 Mbit/s
95th percentile per-packet one-way delay: 27.921 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.02 Mbit/s
95th percentile per-packet one-way delay: 27.921 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

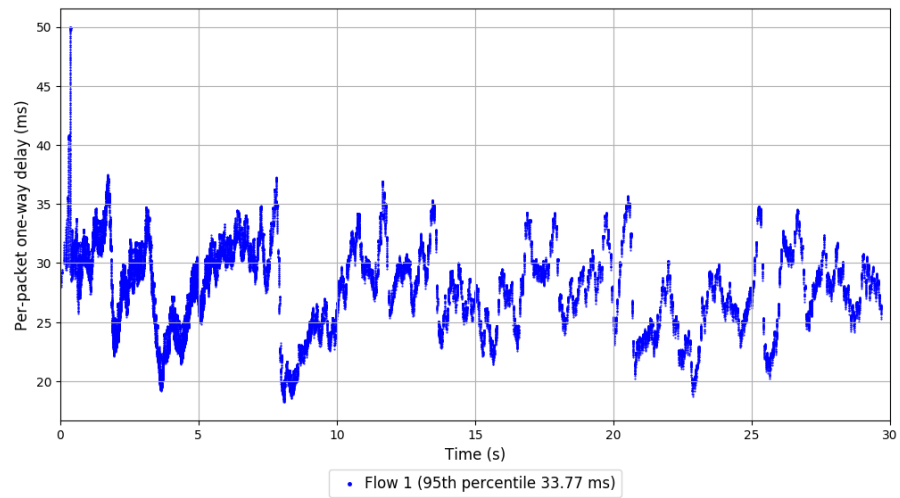
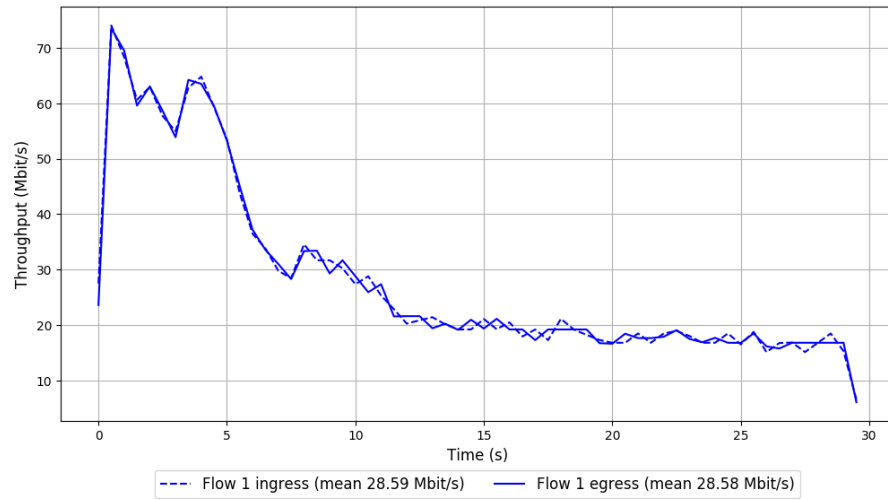


Run 8: Statistics of Indigo

Start at: 2018-01-08 23:40:39
End at: 2018-01-08 23:41:09
Local clock offset: 20.056 ms
Remote clock offset: -0.474 ms

Below is generated by plot.py at 2018-01-09 01:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.58 Mbit/s
95th percentile per-packet one-way delay: 33.772 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 28.58 Mbit/s
95th percentile per-packet one-way delay: 33.772 ms
Loss rate: 0.07%

Run 8: Report of Indigo — Data Link

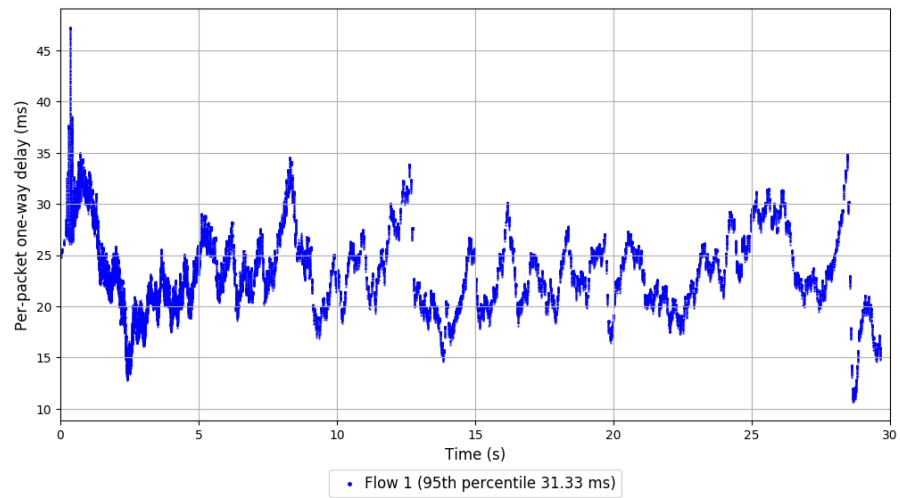
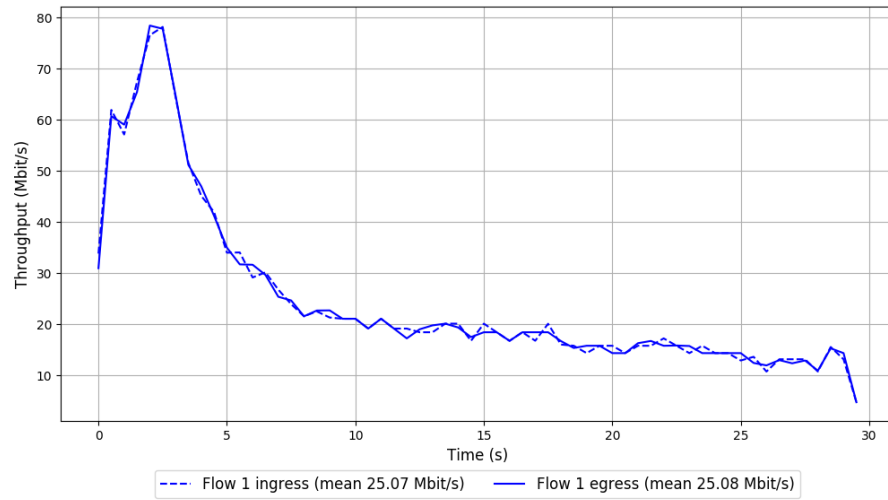


Run 9: Statistics of Indigo

Start at: 2018-01-08 23:57:39
End at: 2018-01-08 23:58:09
Local clock offset: 21.758 ms
Remote clock offset: -0.513 ms

Below is generated by plot.py at 2018-01-09 01:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 31.329 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 31.329 ms
Loss rate: 0.01%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-09 00:14:39
End at: 2018-01-09 00:15:09
Local clock offset: 20.001 ms
Remote clock offset: -0.448 ms

Below is generated by plot.py at 2018-01-09 01:46:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 29.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 29.140 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

