

Pantheon Report

Generated at 2018-04-03 12:15:35 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

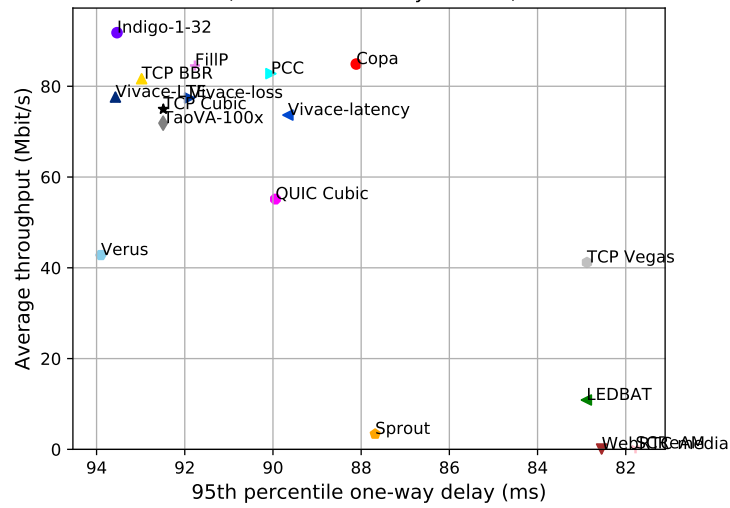
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

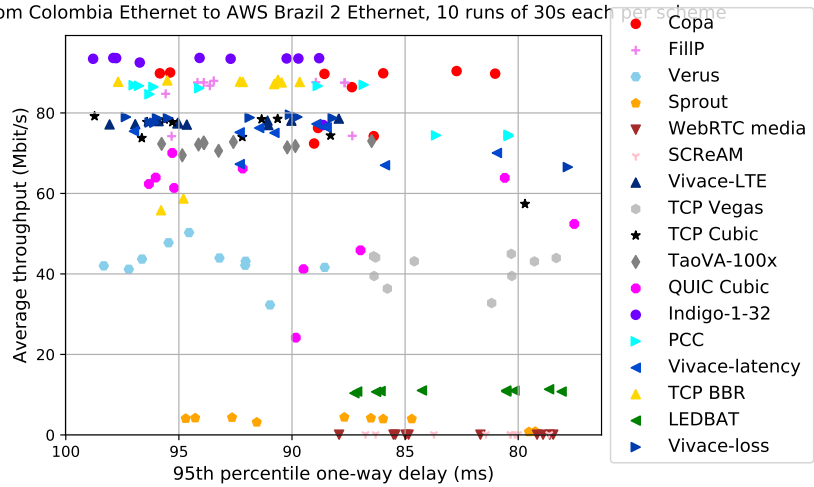
Git summary:

```
branch: master @ eb420b5be9bafccd22cf68b99ff5a2000462fc59
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 11f8c46a2bf1dc797253db7e8ca04076272b2a44
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ f271183af822eee5d0031620f4bebf38aedc5581
```

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



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



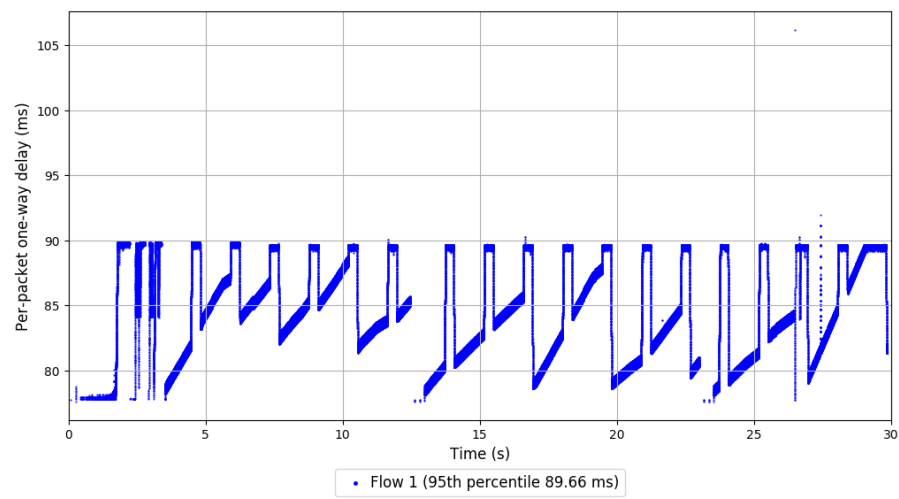
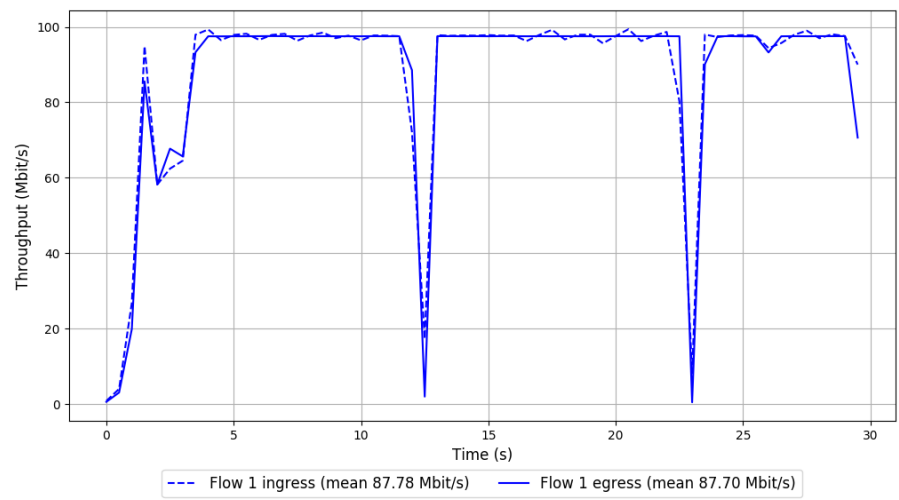
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	81.67	92.98	1.77
TCP Cubic	10	74.96	92.49	0.67
LEDBAT	10	10.88	82.89	1.21
PCC	10	82.79	90.05	0.98
QUIC Cubic	10	55.14	89.94	1.04
SCReAM	10	0.22	81.78	0.64
WebRTC media	10	0.07	82.55	0.10
Sprout	10	3.39	87.68	0.57
TaoVA-100x	10	71.87	92.49	0.63
TCP Vegas	10	41.17	82.88	0.72
Verus	10	42.81	93.90	2.30
Copa	10	84.89	88.11	3.76
FillP	10	84.58	91.77	2.98
Indigo-1-32	10	91.80	93.54	2.17
Vivace-latency	10	73.65	89.66	0.98
Vivace-loss	10	77.43	91.89	0.91
Vivace-LTE	10	77.63	93.57	0.77

Run 1: Statistics of TCP BBR

Start at: 2018-04-03 04:30:10
End at: 2018-04-03 04:30:40
Local clock offset: -5.571 ms
Remote clock offset: 11.929 ms

Below is generated by plot.py at 2018-04-03 11:55:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 89.658 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 89.658 ms
Loss rate: 0.70%

Run 1: Report of TCP BBR — Data Link

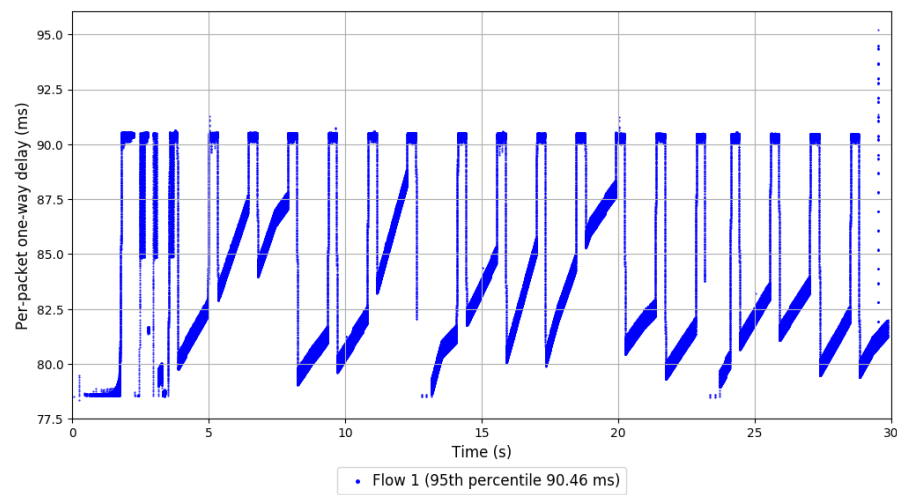
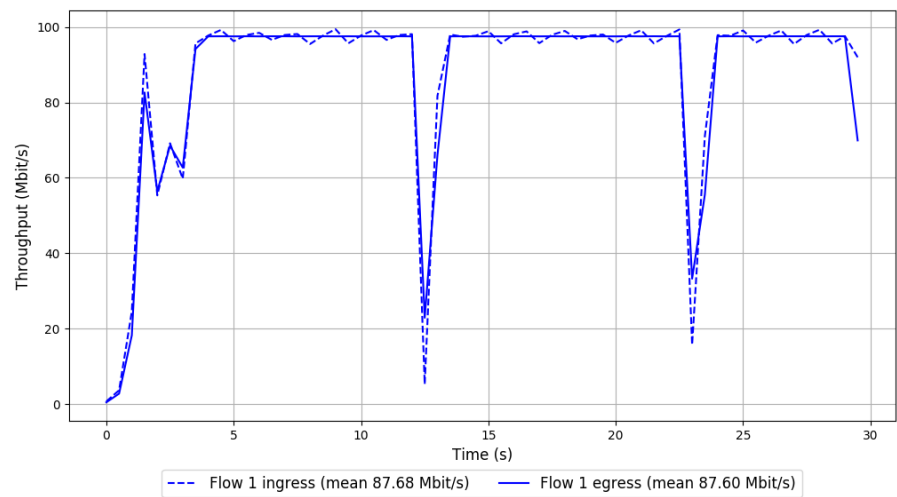


Run 2: Statistics of TCP BBR

Start at: 2018-04-03 04:52:26
End at: 2018-04-03 04:52:56
Local clock offset: -2.968 ms
Remote clock offset: 10.276 ms

Below is generated by plot.py at 2018-04-03 11:55:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 90.457 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 90.457 ms
Loss rate: 0.72%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-04-03 05:14:38

End at: 2018-04-03 05:15:08

Local clock offset: -1.052 ms

Remote clock offset: 5.551 ms

Below is generated by plot.py at 2018-04-03 11:55:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.08 Mbit/s

95th percentile per-packet one-way delay: 95.512 ms

Loss rate: 0.71%

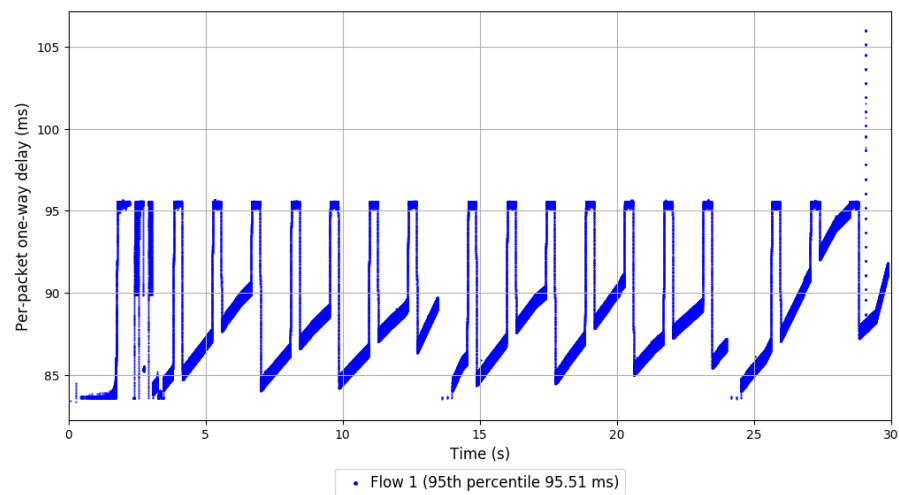
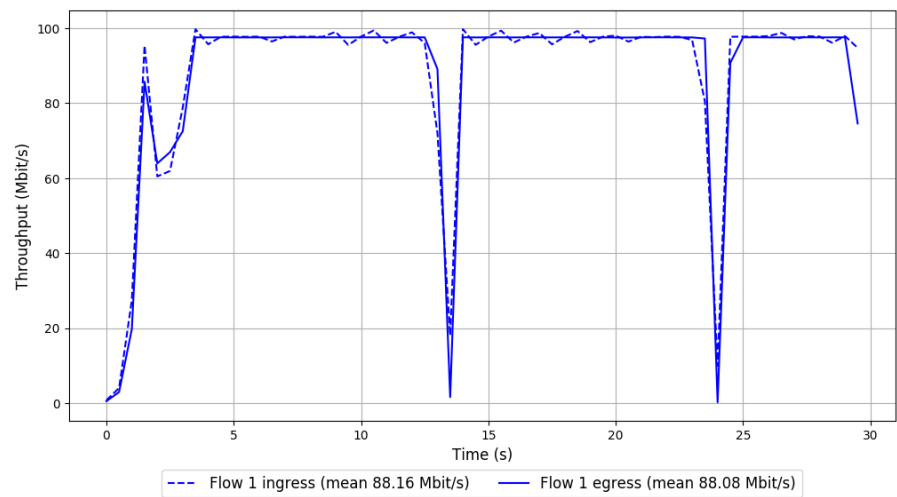
-- Flow 1:

Average throughput: 88.08 Mbit/s

95th percentile per-packet one-way delay: 95.512 ms

Loss rate: 0.71%

Run 3: Report of TCP BBR — Data Link

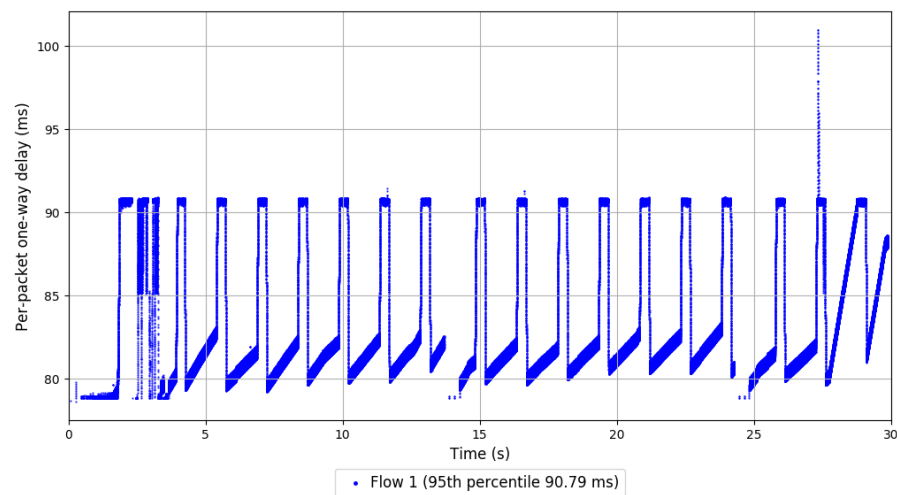
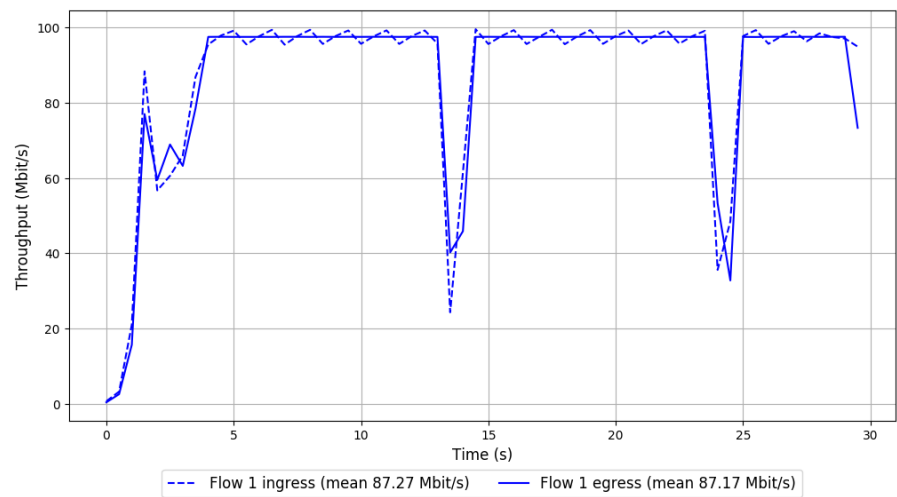


Run 4: Statistics of TCP BBR

Start at: 2018-04-03 05:36:51
End at: 2018-04-03 05:37:21
Local clock offset: -2.576 ms
Remote clock offset: 11.998 ms

Below is generated by plot.py at 2018-04-03 11:55:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 90.787 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 87.17 Mbit/s
95th percentile per-packet one-way delay: 90.787 ms
Loss rate: 0.73%

Run 4: Report of TCP BBR — Data Link

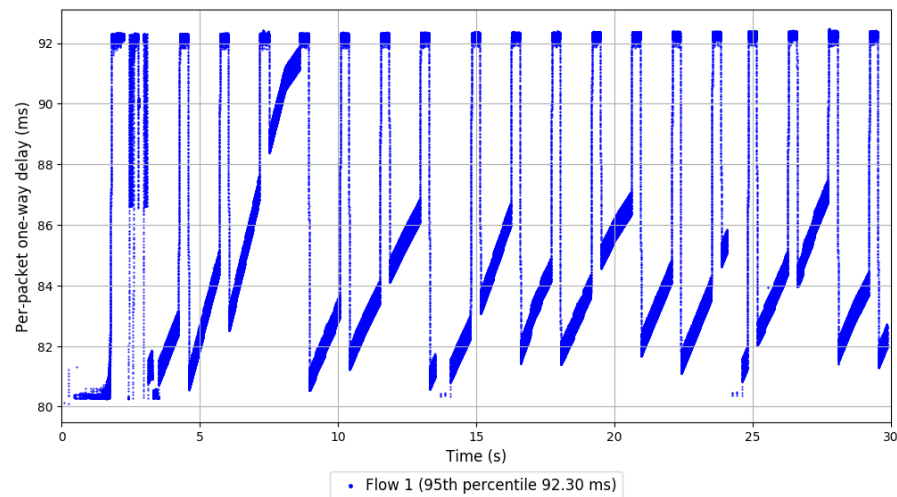
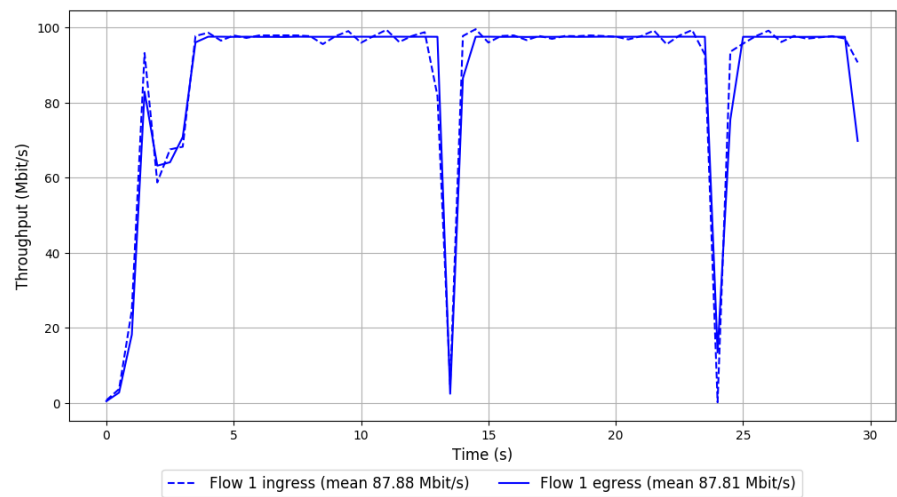


Run 5: Statistics of TCP BBR

Start at: 2018-04-03 05:59:06
End at: 2018-04-03 05:59:36
Local clock offset: -5.136 ms
Remote clock offset: 12.175 ms

Below is generated by plot.py at 2018-04-03 11:55:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 92.296 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 92.296 ms
Loss rate: 0.70%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-04-03 06:21:19

End at: 2018-04-03 06:21:49

Local clock offset: -7.098 ms

Remote clock offset: 7.393 ms

Below is generated by plot.py at 2018-04-03 11:55:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.75 Mbit/s

95th percentile per-packet one-way delay: 94.800 ms

Loss rate: 6.26%

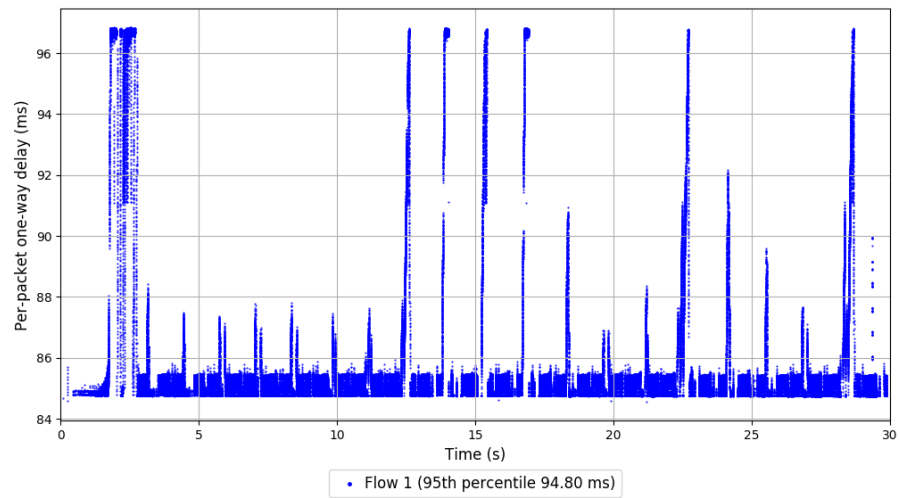
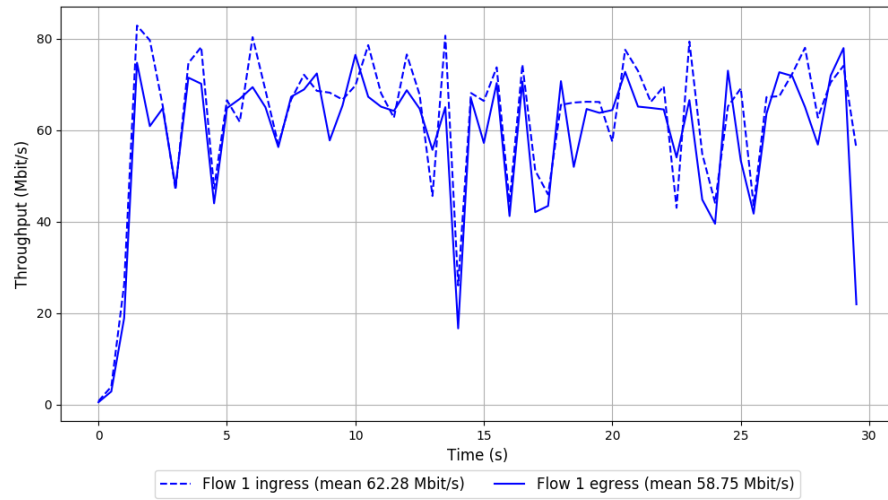
-- Flow 1:

Average throughput: 58.75 Mbit/s

95th percentile per-packet one-way delay: 94.800 ms

Loss rate: 6.26%

Run 6: Report of TCP BBR — Data Link

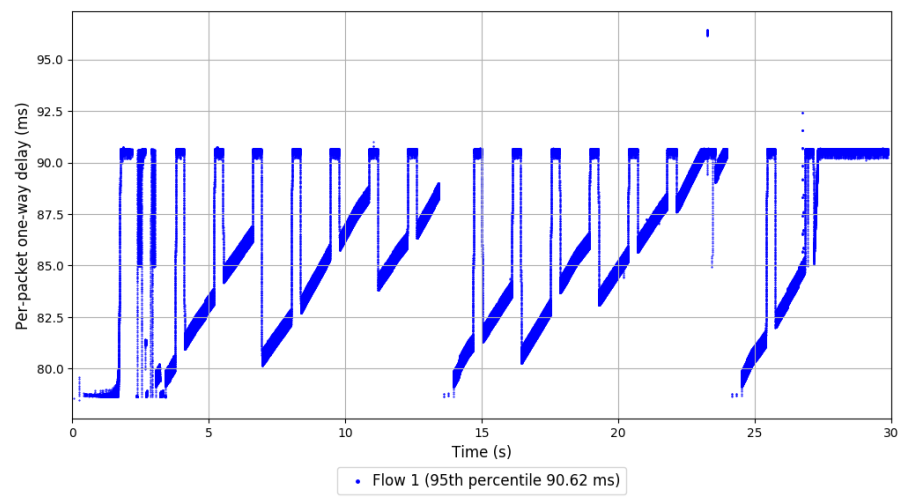
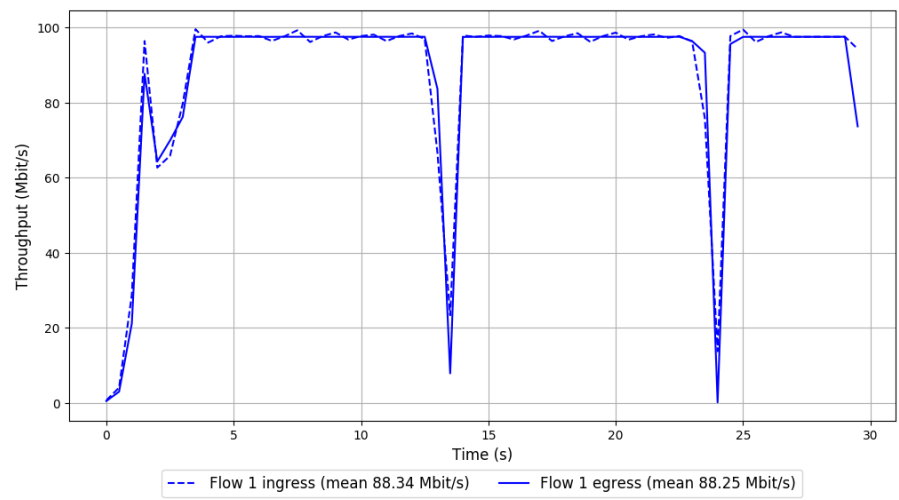


Run 7: Statistics of TCP BBR

Start at: 2018-04-03 06:43:34
End at: 2018-04-03 06:44:04
Local clock offset: -7.054 ms
Remote clock offset: 13.009 ms

Below is generated by plot.py at 2018-04-03 11:55:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 90.622 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 90.622 ms
Loss rate: 0.72%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-04-03 07:05:47

End at: 2018-04-03 07:06:17

Local clock offset: -6.448 ms

Remote clock offset: 6.792 ms

Below is generated by plot.py at 2018-04-03 11:55:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.84 Mbit/s

95th percentile per-packet one-way delay: 95.788 ms

Loss rate: 5.71%

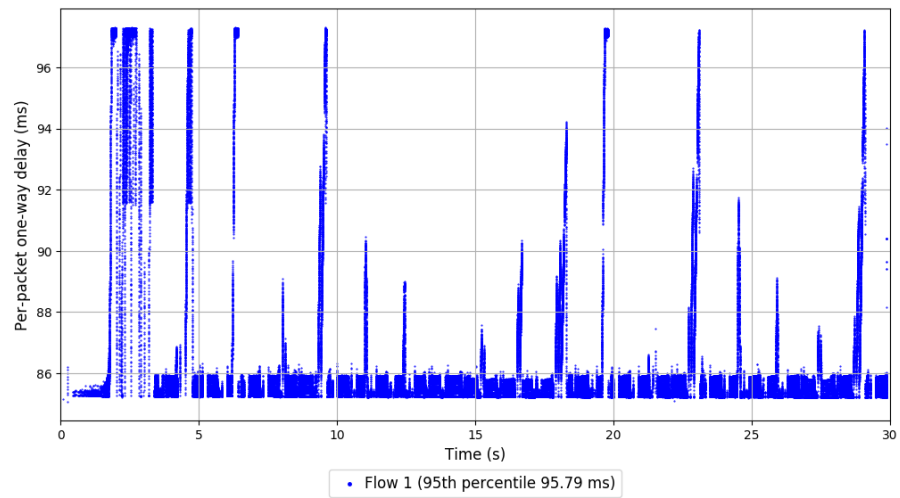
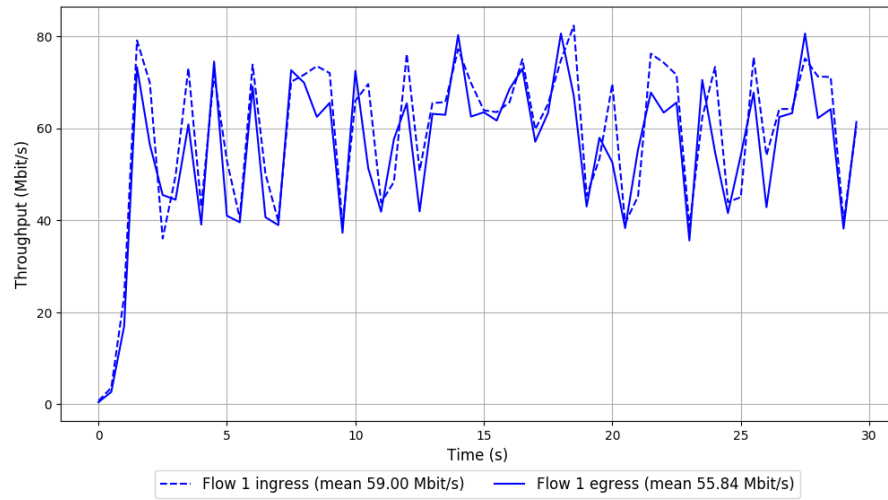
-- Flow 1:

Average throughput: 55.84 Mbit/s

95th percentile per-packet one-way delay: 95.788 ms

Loss rate: 5.71%

Run 8: Report of TCP BBR — Data Link

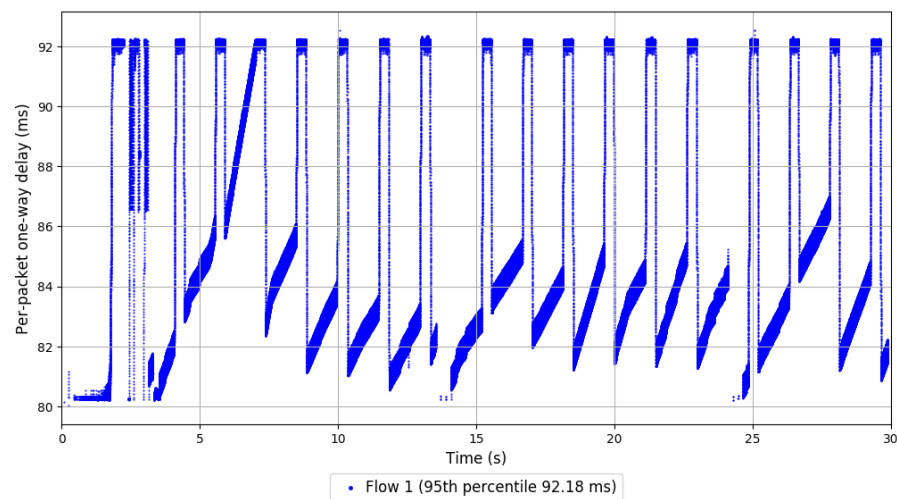
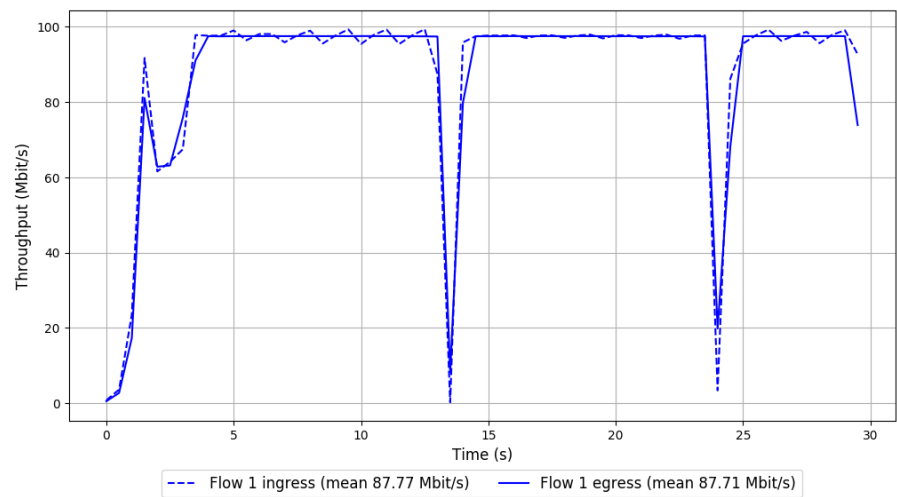


Run 9: Statistics of TCP BBR

Start at: 2018-04-03 07:28:04
End at: 2018-04-03 07:28:34
Local clock offset: -5.538 ms
Remote clock offset: 12.189 ms

Below is generated by plot.py at 2018-04-03 11:56:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 92.177 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 92.177 ms
Loss rate: 0.70%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-04-03 07:50:14

End at: 2018-04-03 07:50:44

Local clock offset: -6.27 ms

Remote clock offset: 5.478 ms

Below is generated by plot.py at 2018-04-03 11:56:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 97.688 ms

Loss rate: 0.72%

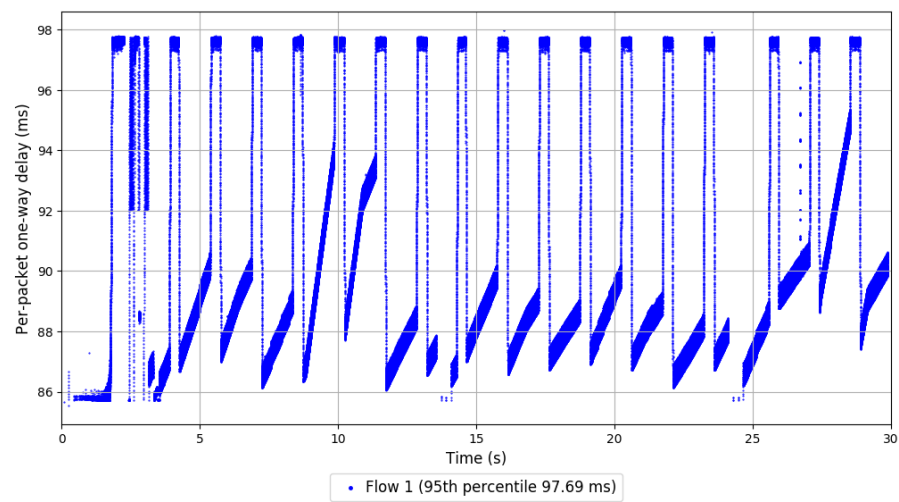
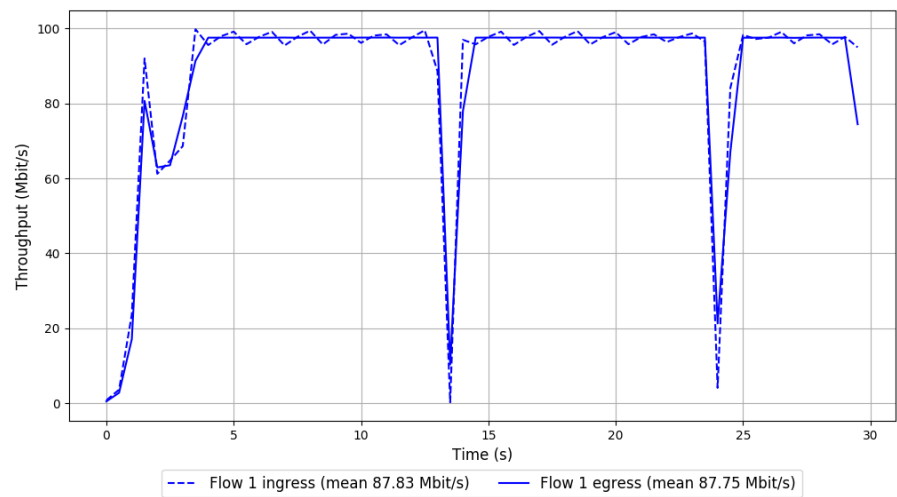
-- Flow 1:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 97.688 ms

Loss rate: 0.72%

Run 10: Report of TCP BBR — Data Link

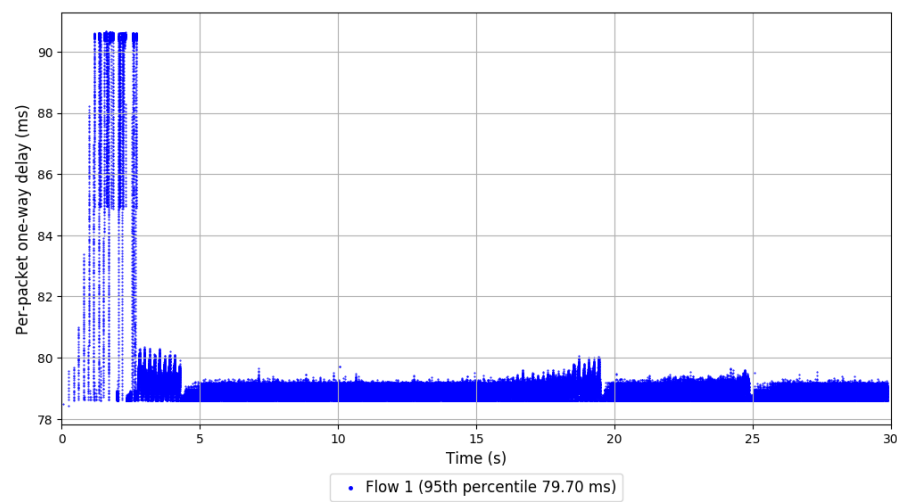
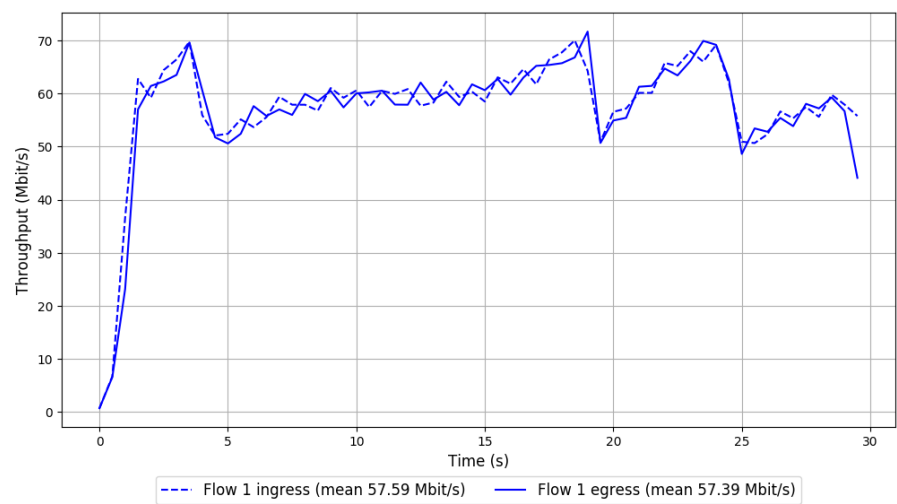


Run 1: Statistics of TCP Cubic

Start at: 2018-04-03 04:36:21
End at: 2018-04-03 04:36:51
Local clock offset: -5.476 ms
Remote clock offset: 12.894 ms

Below is generated by plot.py at 2018-04-03 11:56:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.39 Mbit/s
95th percentile per-packet one-way delay: 79.699 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 57.39 Mbit/s
95th percentile per-packet one-way delay: 79.699 ms
Loss rate: 0.94%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-04-03 04:58:36

End at: 2018-04-03 04:59:06

Local clock offset: -2.236 ms

Remote clock offset: 4.764 ms

Below is generated by plot.py at 2018-04-03 11:56:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.74 Mbit/s

95th percentile per-packet one-way delay: 96.407 ms

Loss rate: 0.65%

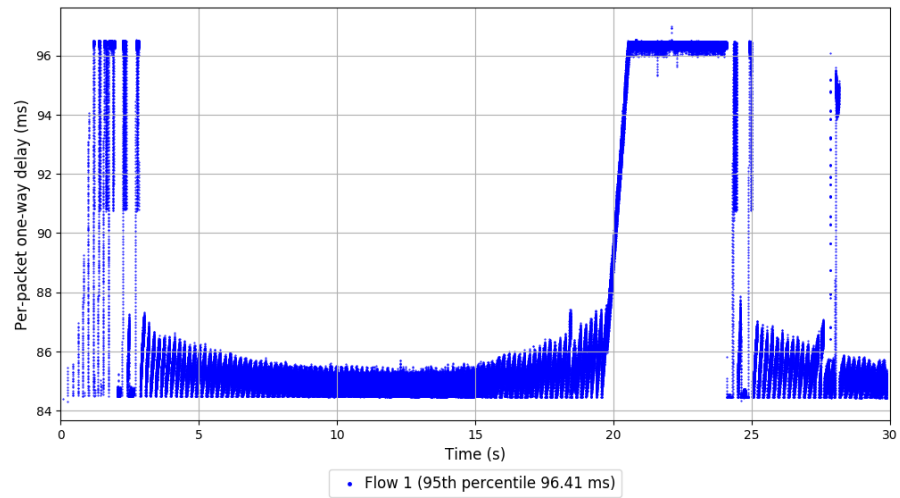
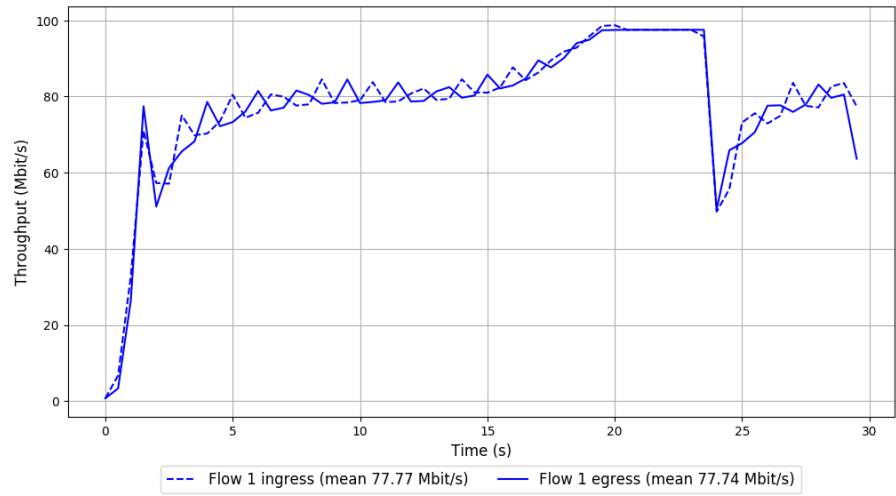
-- Flow 1:

Average throughput: 77.74 Mbit/s

95th percentile per-packet one-way delay: 96.407 ms

Loss rate: 0.65%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-04-03 05:20:49

End at: 2018-04-03 05:21:19

Local clock offset: -1.886 ms

Remote clock offset: 4.661 ms

Below is generated by plot.py at 2018-04-03 11:56:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: 98.728 ms

Loss rate: 0.79%

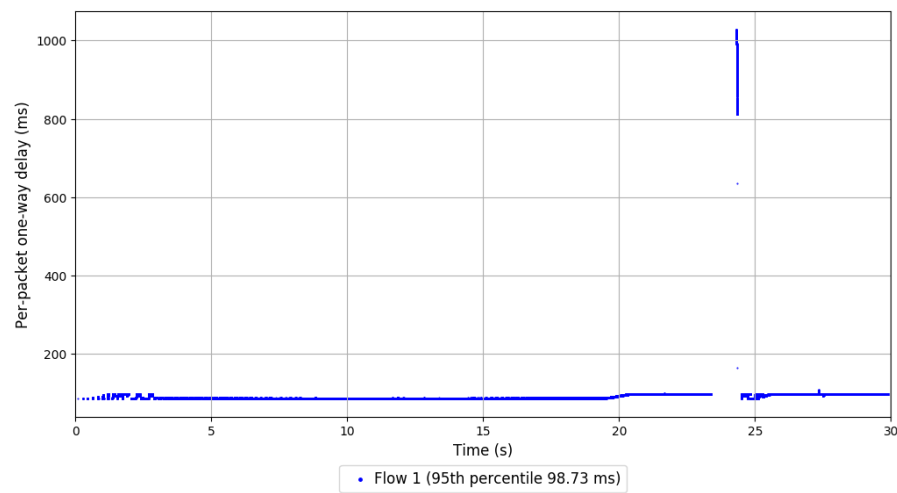
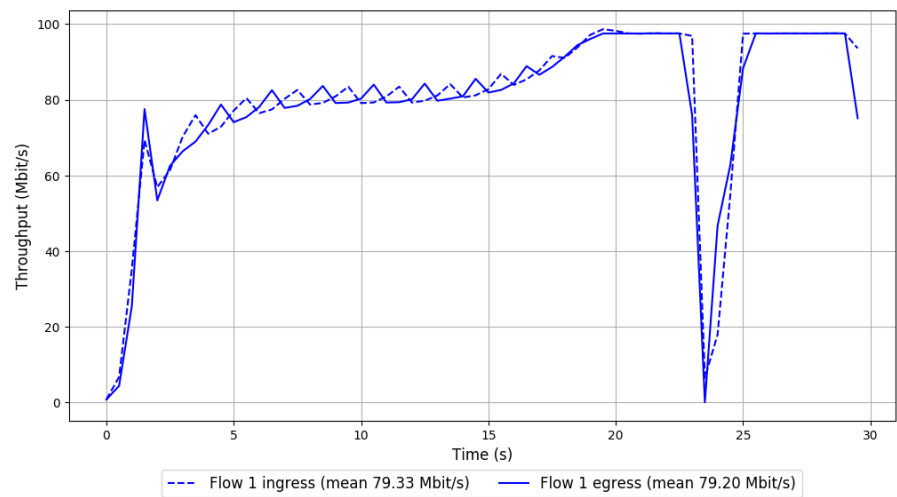
-- Flow 1:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: 98.728 ms

Loss rate: 0.79%

Run 3: Report of TCP Cubic — Data Link

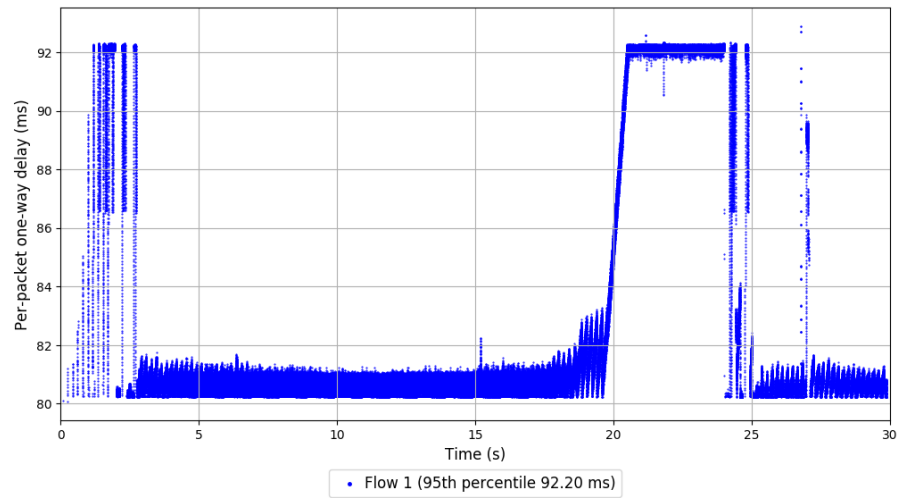
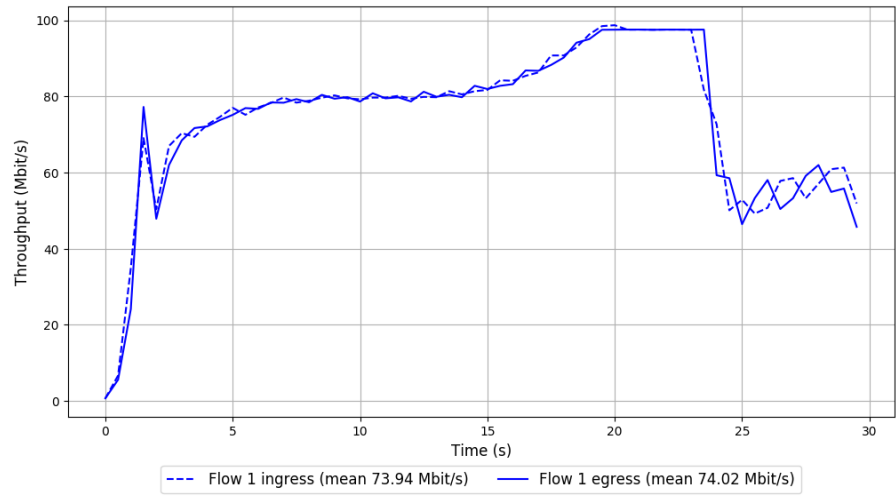


Run 4: Statistics of TCP Cubic

Start at: 2018-04-03 05:43:03
End at: 2018-04-03 05:43:33
Local clock offset: -2.6 ms
Remote clock offset: 11.024 ms

Below is generated by plot.py at 2018-04-03 11:56:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.02 Mbit/s
95th percentile per-packet one-way delay: 92.196 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 74.02 Mbit/s
95th percentile per-packet one-way delay: 92.196 ms
Loss rate: 0.49%

Run 4: Report of TCP Cubic — Data Link

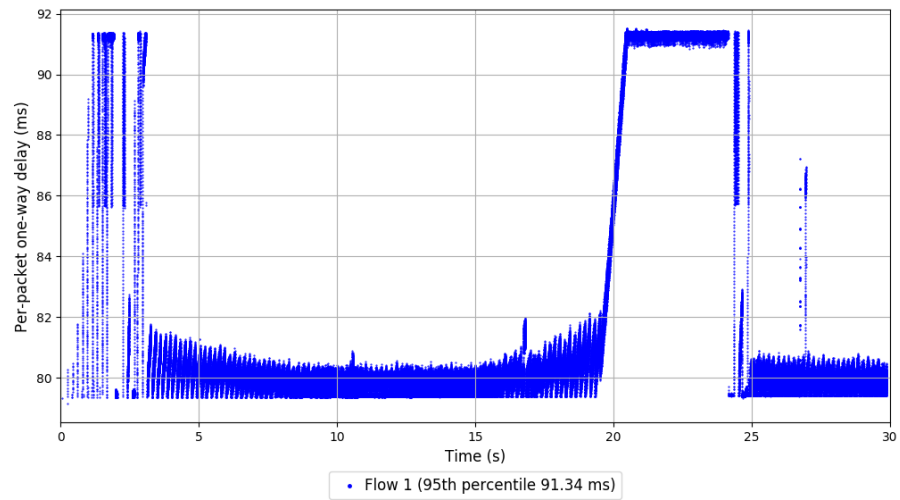
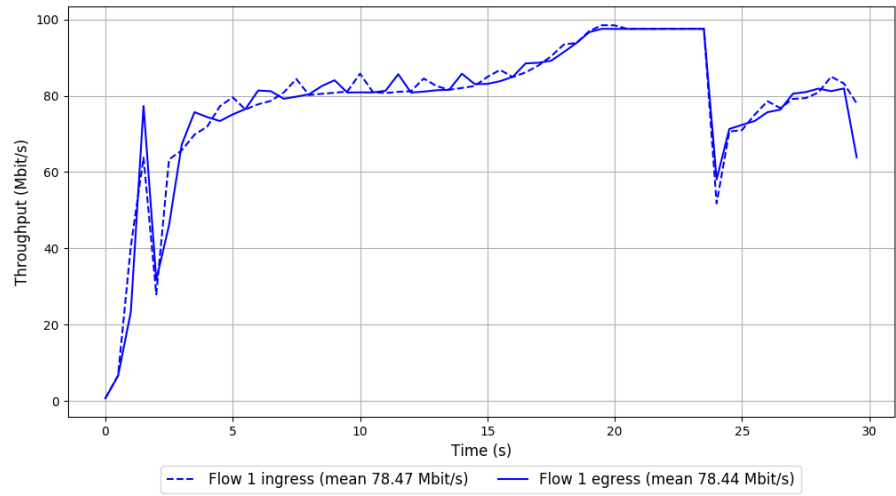


Run 5: Statistics of TCP Cubic

Start at: 2018-04-03 06:05:15
End at: 2018-04-03 06:05:45
Local clock offset: -6.051 ms
Remote clock offset: 11.431 ms

Below is generated by plot.py at 2018-04-03 11:56:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 91.342 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 91.342 ms
Loss rate: 0.63%

Run 5: Report of TCP Cubic — Data Link

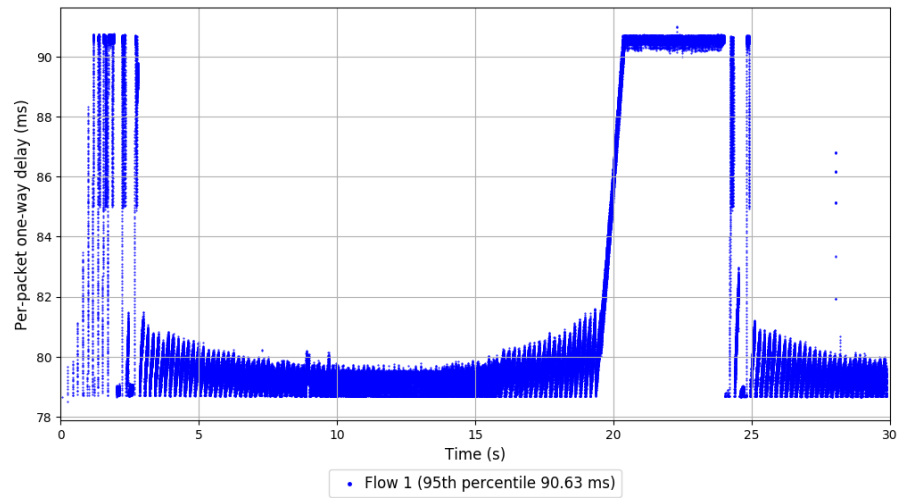
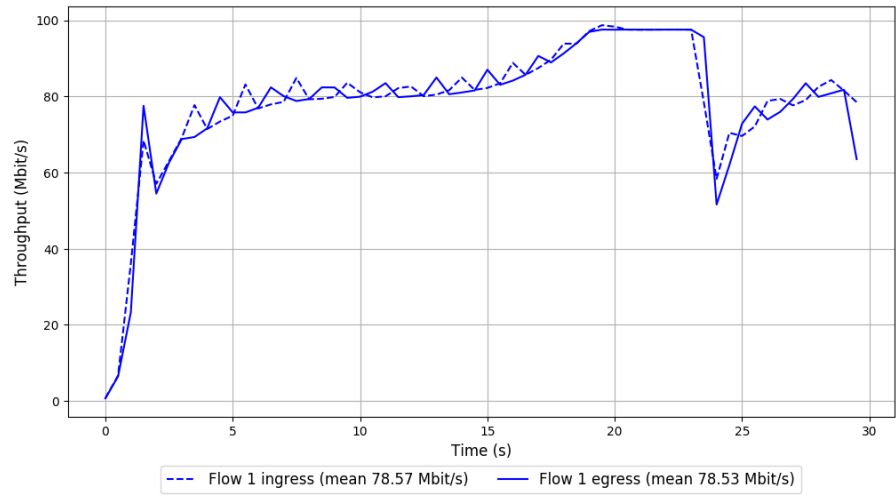


Run 6: Statistics of TCP Cubic

Start at: 2018-04-03 06:27:30
End at: 2018-04-03 06:28:00
Local clock offset: -7.086 ms
Remote clock offset: 11.329 ms

Below is generated by plot.py at 2018-04-03 11:56:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.53 Mbit/s
95th percentile per-packet one-way delay: 90.634 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 78.53 Mbit/s
95th percentile per-packet one-way delay: 90.634 ms
Loss rate: 0.64%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-04-03 06:49:44

End at: 2018-04-03 06:50:14

Local clock offset: -7.159 ms

Remote clock offset: 5.594 ms

Below is generated by plot.py at 2018-04-03 11:57:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 95.629 ms

Loss rate: 0.64%

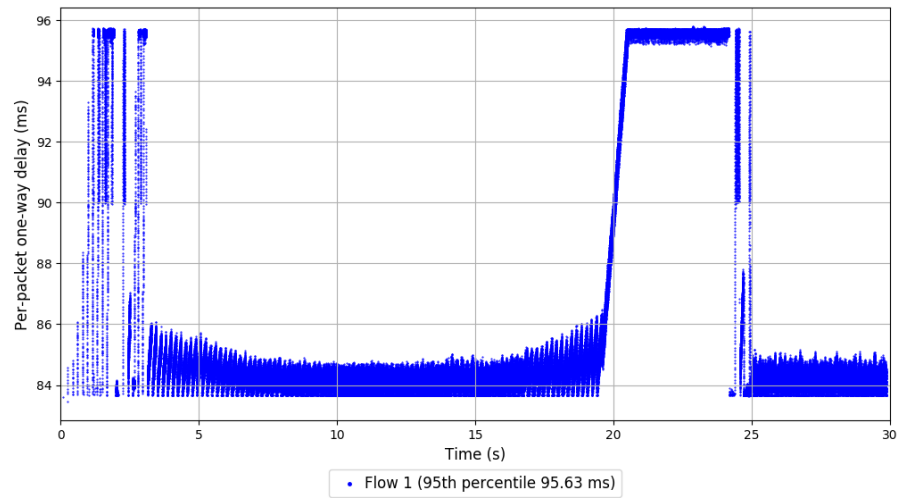
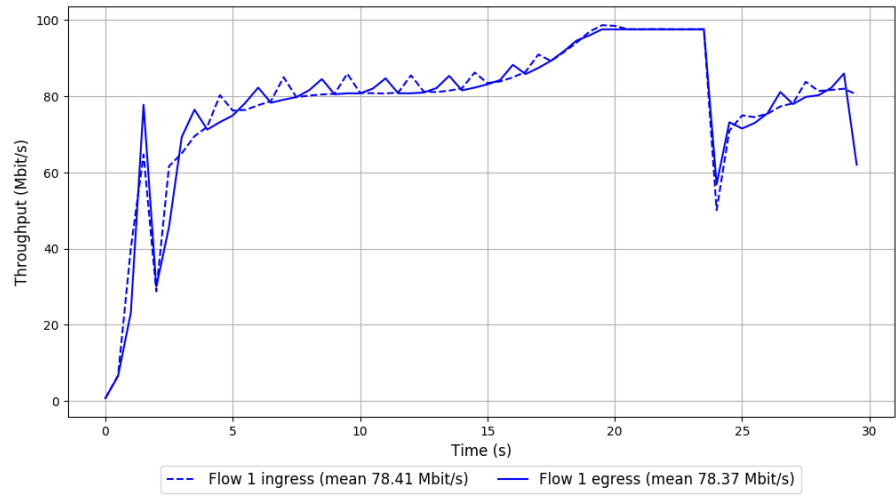
-- Flow 1:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 95.629 ms

Loss rate: 0.64%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-04-03 07:11:58

End at: 2018-04-03 07:12:28

Local clock offset: -6.054 ms

Remote clock offset: 6.782 ms

Below is generated by plot.py at 2018-04-03 11:57:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.72 Mbit/s

95th percentile per-packet one-way delay: 95.287 ms

Loss rate: 0.66%

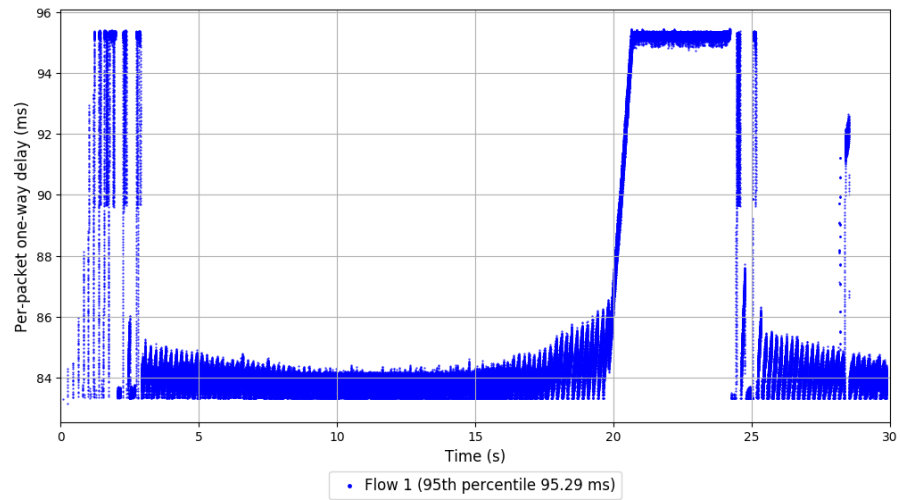
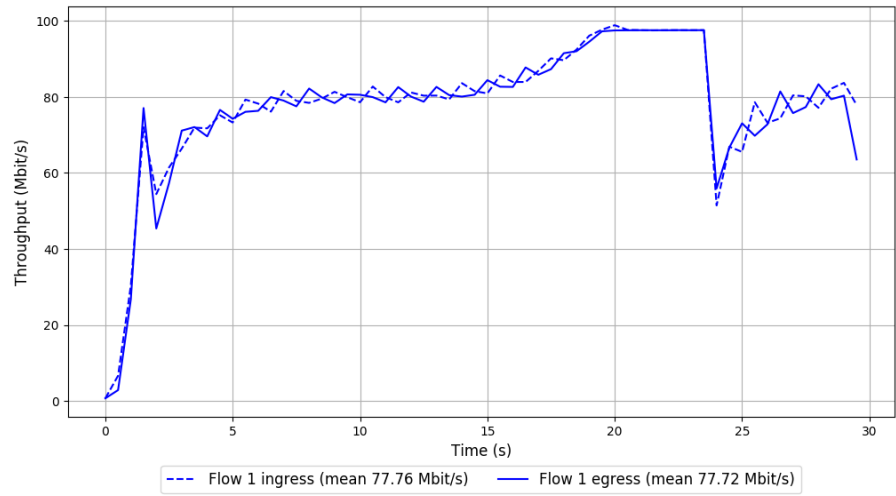
-- Flow 1:

Average throughput: 77.72 Mbit/s

95th percentile per-packet one-way delay: 95.287 ms

Loss rate: 0.66%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-04-03 07:34:13

End at: 2018-04-03 07:34:43

Local clock offset: -5.674 ms

Remote clock offset: 5.219 ms

Below is generated by plot.py at 2018-04-03 11:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.38 Mbit/s

95th percentile per-packet one-way delay: 88.295 ms

Loss rate: 0.74%

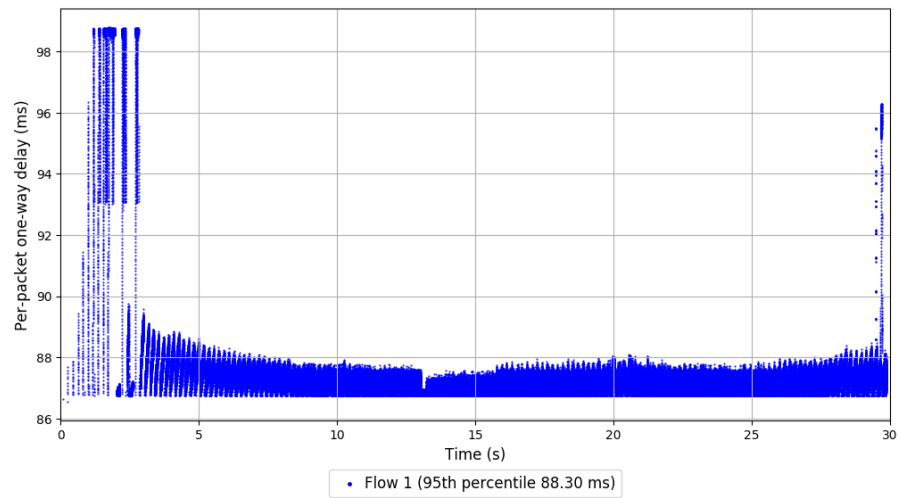
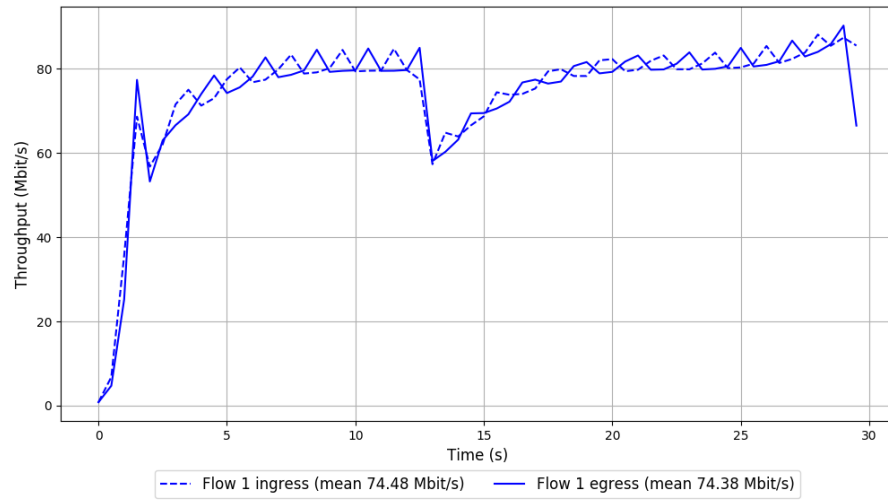
-- Flow 1:

Average throughput: 74.38 Mbit/s

95th percentile per-packet one-way delay: 88.295 ms

Loss rate: 0.74%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-04-03 07:56:29

End at: 2018-04-03 07:56:59

Local clock offset: -6.334 ms

Remote clock offset: 4.376 ms

Below is generated by plot.py at 2018-04-03 11:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.77 Mbit/s

95th percentile per-packet one-way delay: 96.639 ms

Loss rate: 0.49%

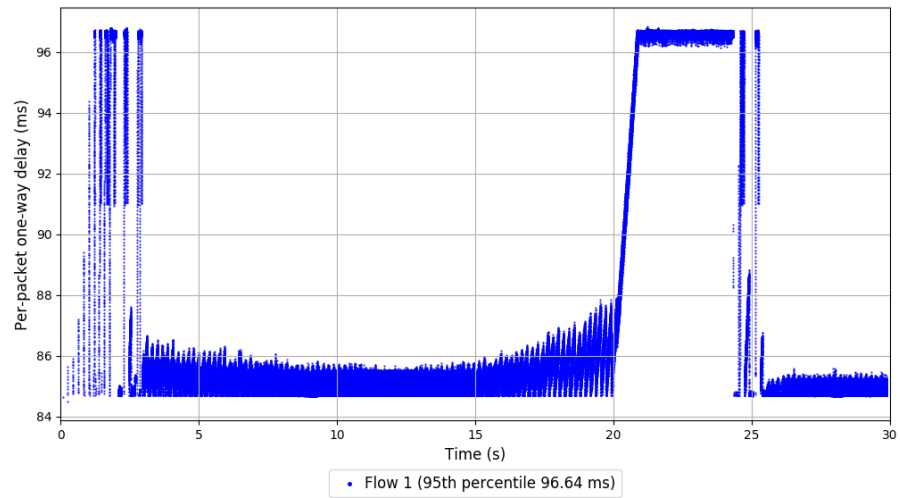
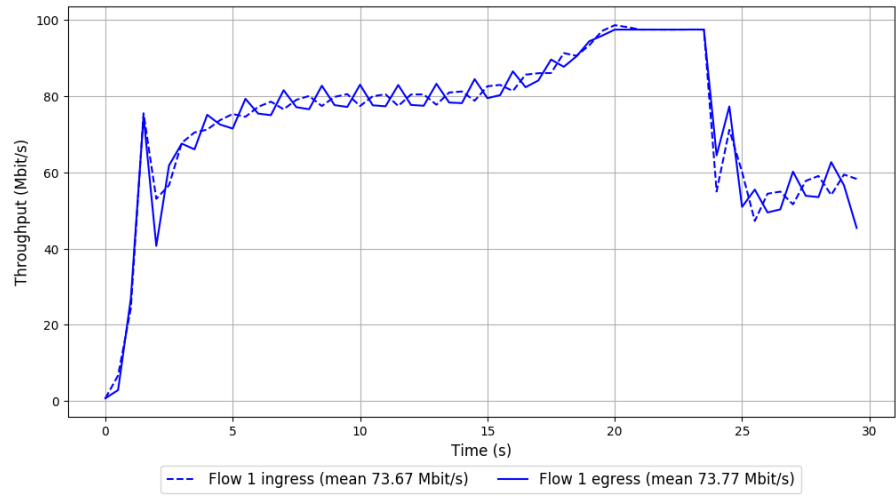
-- Flow 1:

Average throughput: 73.77 Mbit/s

95th percentile per-packet one-way delay: 96.639 ms

Loss rate: 0.49%

Run 10: Report of TCP Cubic — Data Link

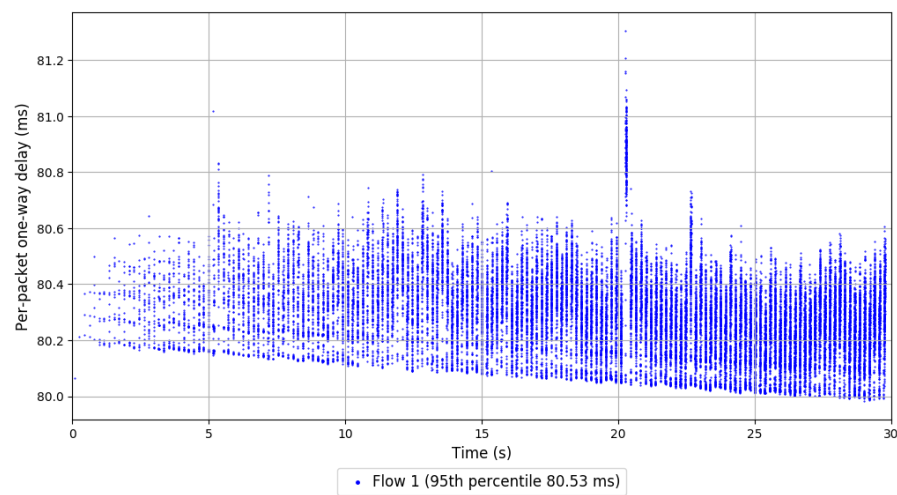
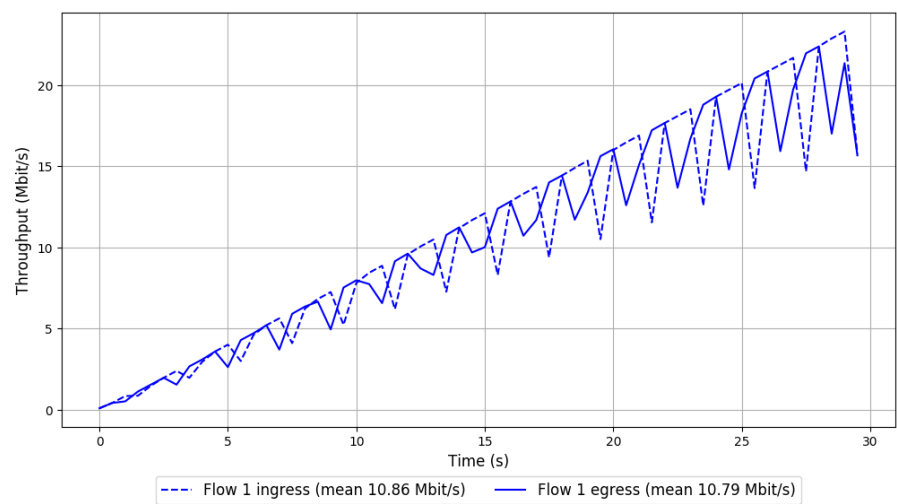


```
Run 1: Statistics of LEDBAT

Start at: 2018-04-03 04:42:27
End at: 2018-04-03 04:42:57
Local clock offset: -5.16 ms
Remote clock offset: 11.699 ms

# Below is generated by plot.py at 2018-04-03 11:57:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 80.528 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 80.528 ms
Loss rate: 1.22%
```

Run 1: Report of LEDBAT — Data Link

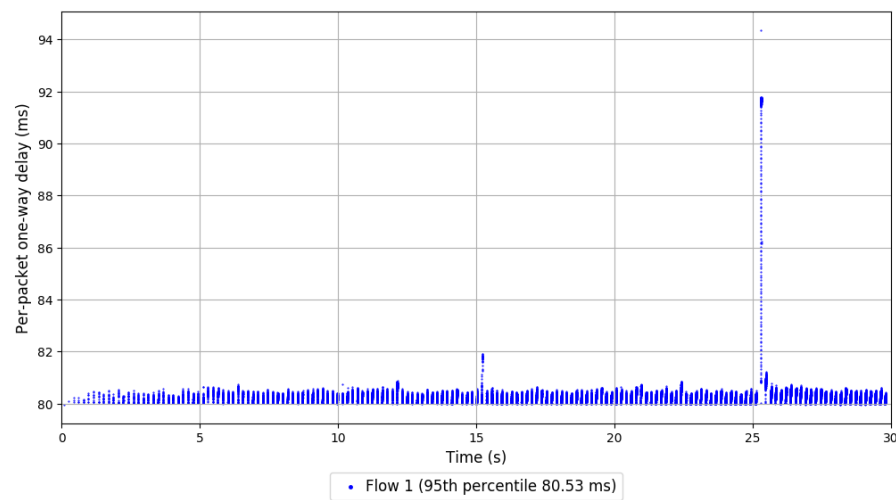
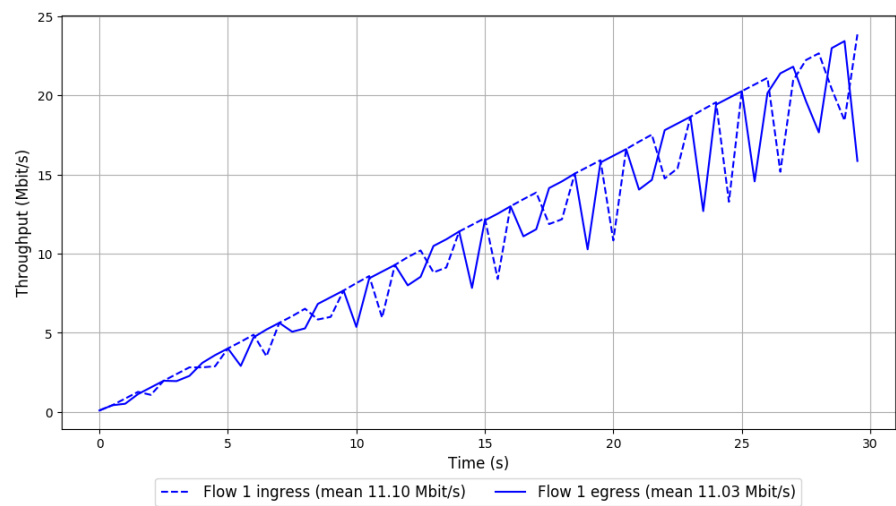


Run 2: Statistics of LEDBAT

Start at: 2018-04-03 05:04:42
End at: 2018-04-03 05:05:12
Local clock offset: -1.68 ms
Remote clock offset: 11.142 ms

Below is generated by plot.py at 2018-04-03 11:57:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 80.531 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 80.531 ms
Loss rate: 1.20%

Run 2: Report of LEDBAT — Data Link

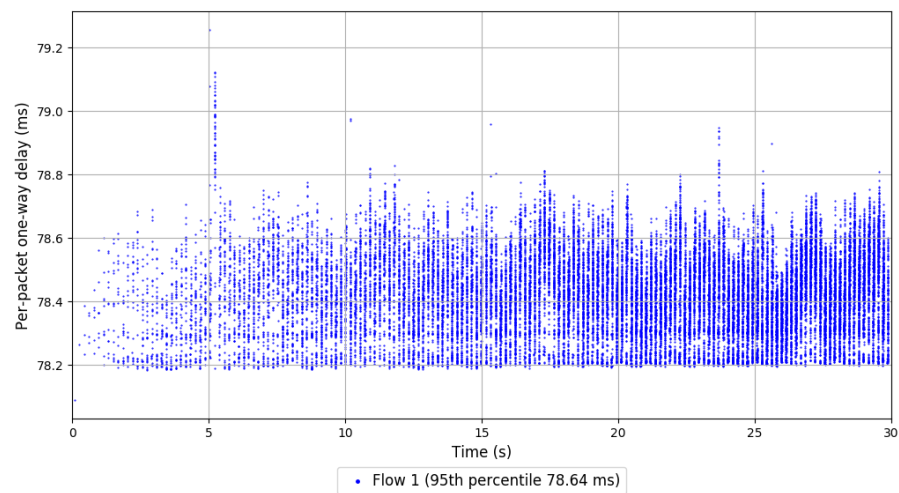
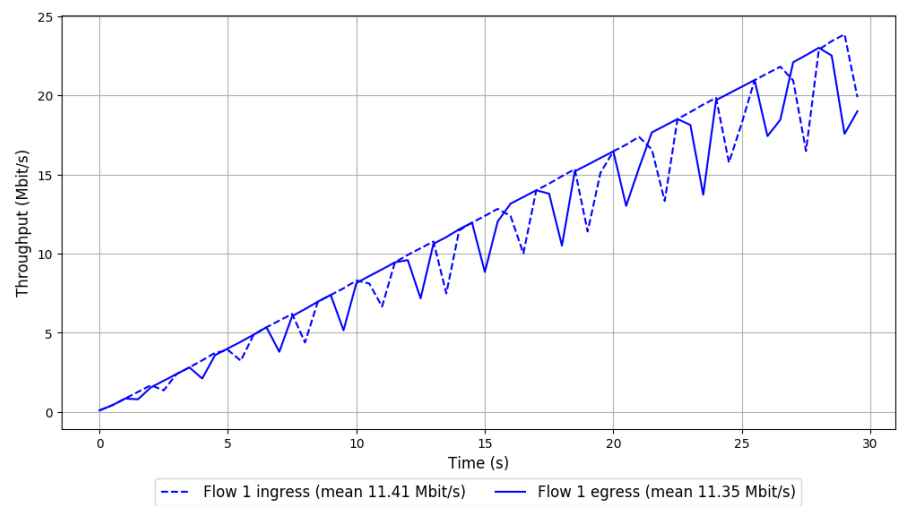


Run 3: Statistics of LEDBAT

Start at: 2018-04-03 05:26:55
End at: 2018-04-03 05:27:25
Local clock offset: -2.341 ms
Remote clock offset: 10.985 ms

Below is generated by plot.py at 2018-04-03 11:57:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 78.635 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 78.635 ms
Loss rate: 1.18%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-04-03 05:49:10

End at: 2018-04-03 05:49:40

Local clock offset: -2.425 ms

Remote clock offset: 4.973 ms

Below is generated by plot.py at 2018-04-03 11:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.90 Mbit/s

95th percentile per-packet one-way delay: 86.086 ms

Loss rate: 1.21%

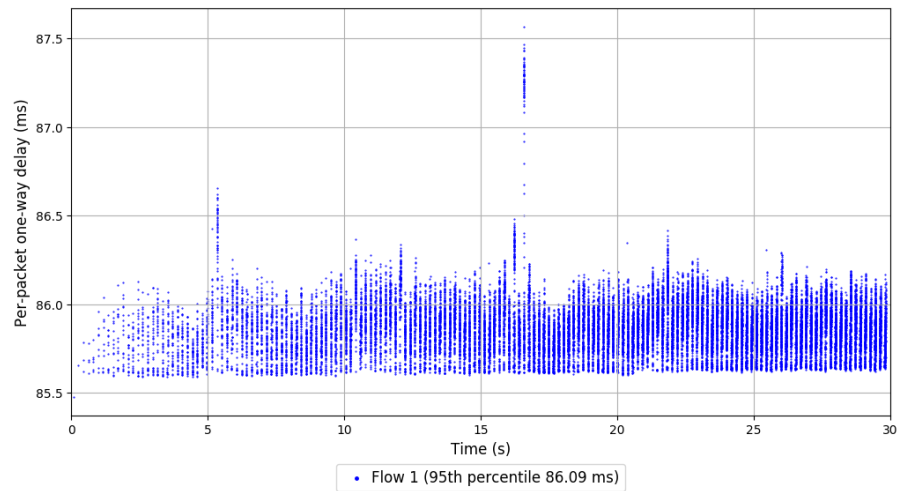
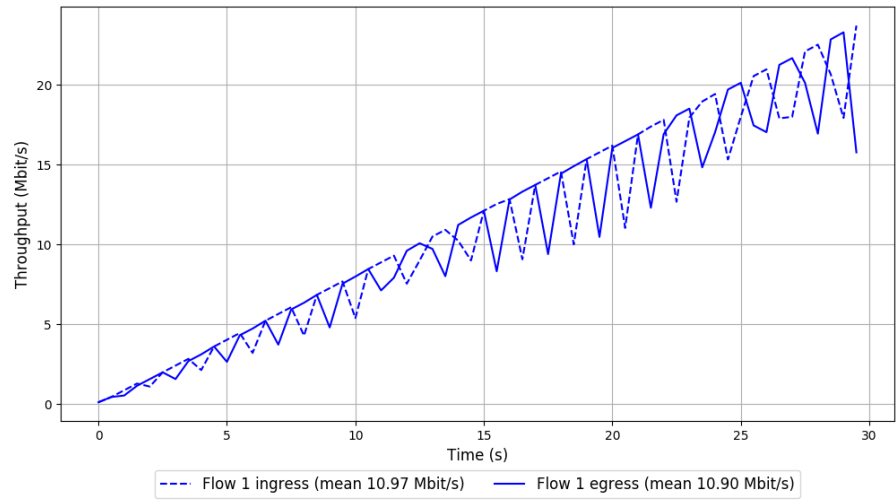
-- Flow 1:

Average throughput: 10.90 Mbit/s

95th percentile per-packet one-way delay: 86.086 ms

Loss rate: 1.21%

Run 4: Report of LEDBAT — Data Link

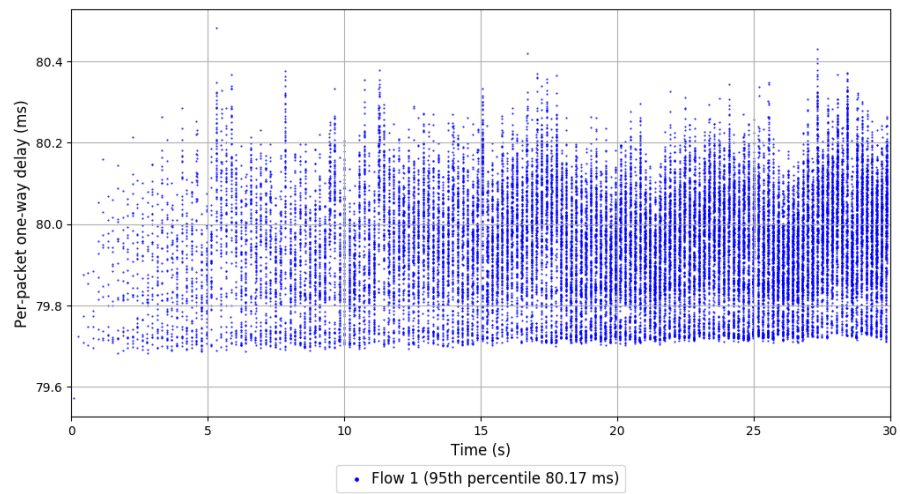
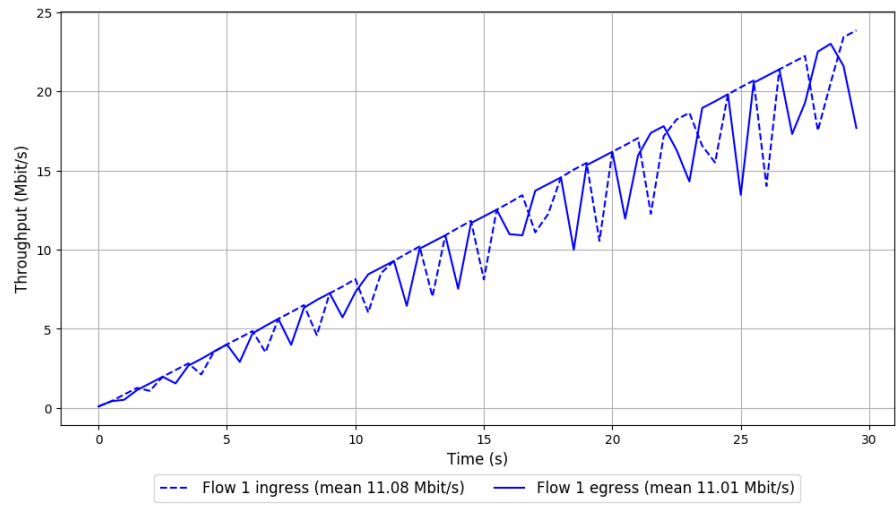


Run 5: Statistics of LEDBAT

Start at: 2018-04-03 06:11:21
End at: 2018-04-03 06:11:51
Local clock offset: -6.559 ms
Remote clock offset: 12.577 ms

Below is generated by plot.py at 2018-04-03 11:57:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 80.168 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 80.168 ms
Loss rate: 1.20%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-04-03 06:33:37

End at: 2018-04-03 06:34:07

Local clock offset: -7.046 ms

Remote clock offset: 5.675 ms

Below is generated by plot.py at 2018-04-03 11:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.37 Mbit/s

95th percentile per-packet one-way delay: 87.241 ms

Loss rate: 1.24%

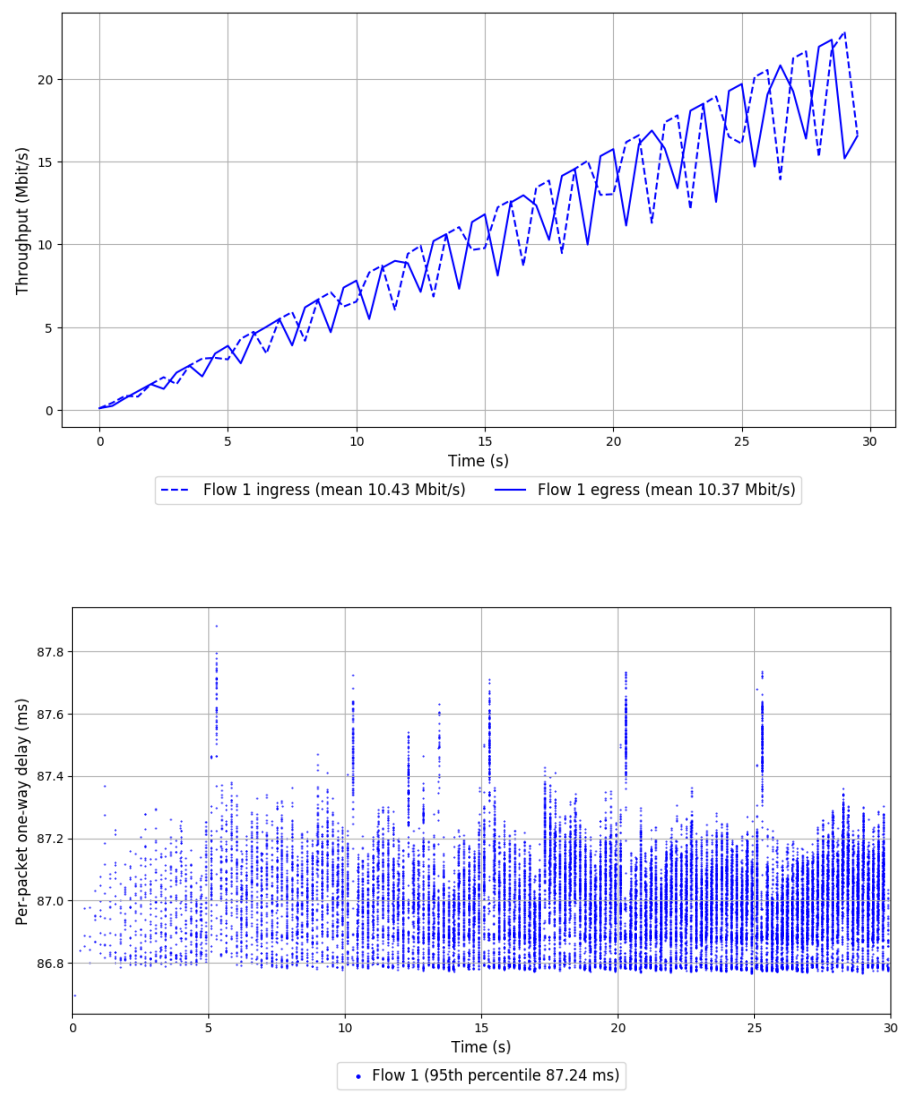
-- Flow 1:

Average throughput: 10.37 Mbit/s

95th percentile per-packet one-way delay: 87.241 ms

Loss rate: 1.24%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-04-03 06:55:50

End at: 2018-04-03 06:56:20

Local clock offset: -7.275 ms

Remote clock offset: 6.62 ms

Below is generated by plot.py at 2018-04-03 11:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.05 Mbit/s

95th percentile per-packet one-way delay: 84.258 ms

Loss rate: 1.20%

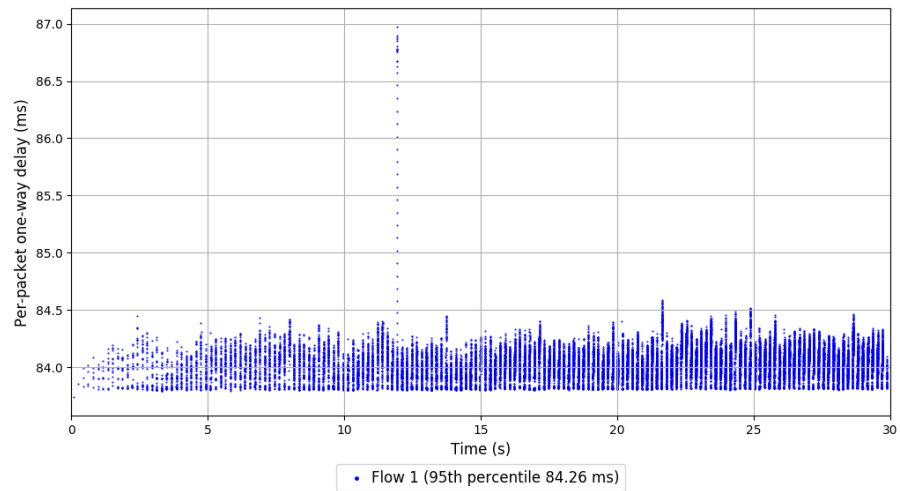
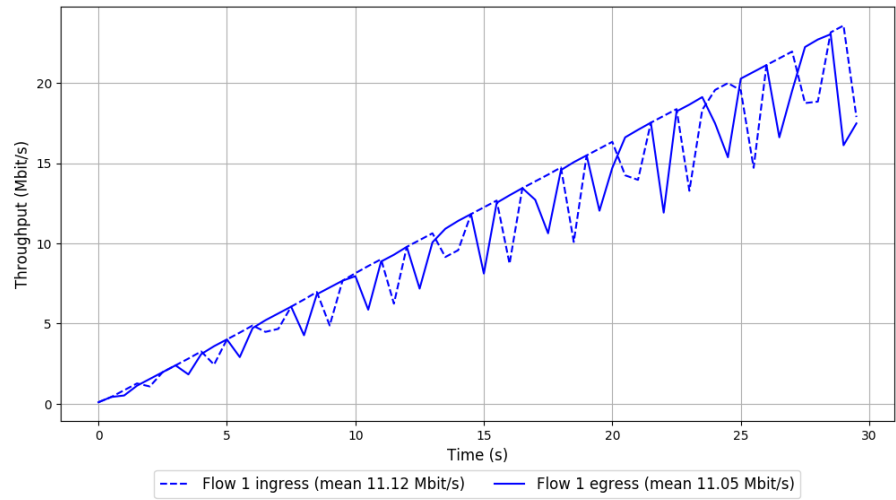
-- Flow 1:

Average throughput: 11.05 Mbit/s

95th percentile per-packet one-way delay: 84.258 ms

Loss rate: 1.20%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-04-03 07:18:05

End at: 2018-04-03 07:18:35

Local clock offset: -5.82 ms

Remote clock offset: 5.754 ms

Below is generated by plot.py at 2018-04-03 11:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.78 Mbit/s

95th percentile per-packet one-way delay: 87.120 ms

Loss rate: 1.22%

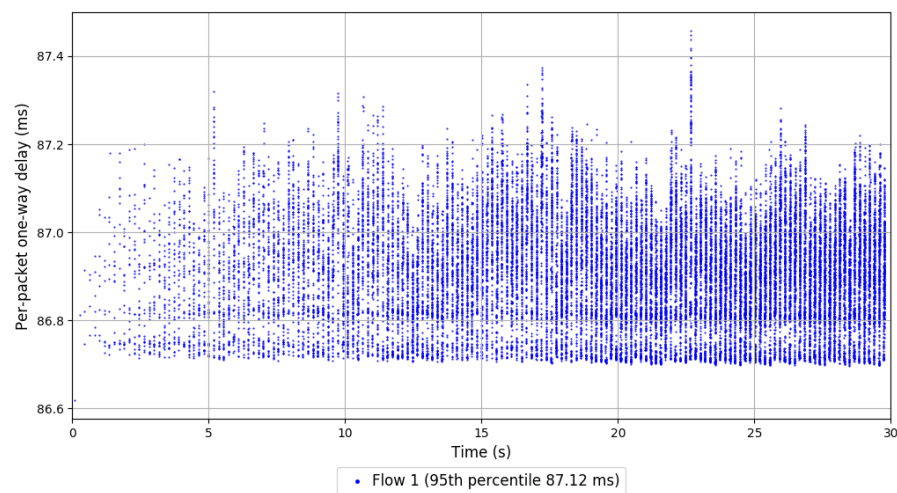
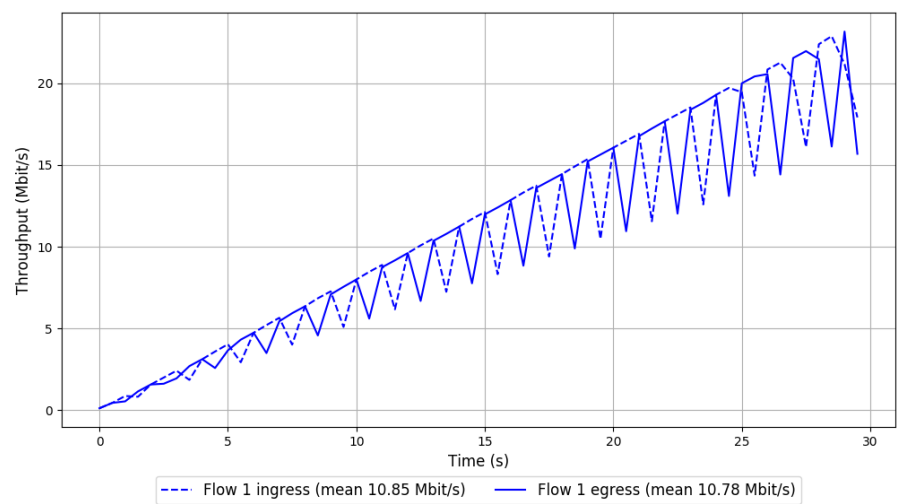
-- Flow 1:

Average throughput: 10.78 Mbit/s

95th percentile per-packet one-way delay: 87.120 ms

Loss rate: 1.22%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-04-03 07:40:20

End at: 2018-04-03 07:40:50

Local clock offset: -5.943 ms

Remote clock offset: 5.832 ms

Below is generated by plot.py at 2018-04-03 11:57:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.70 Mbit/s

95th percentile per-packet one-way delay: 86.281 ms

Loss rate: 1.22%

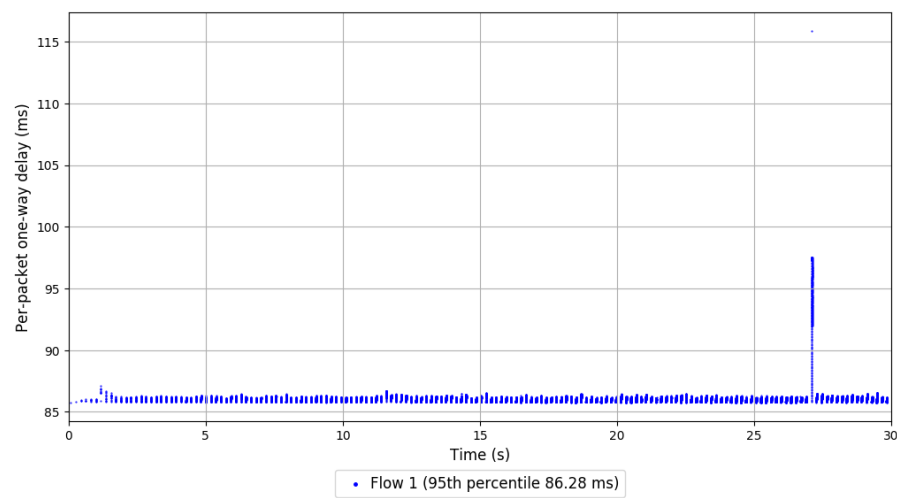
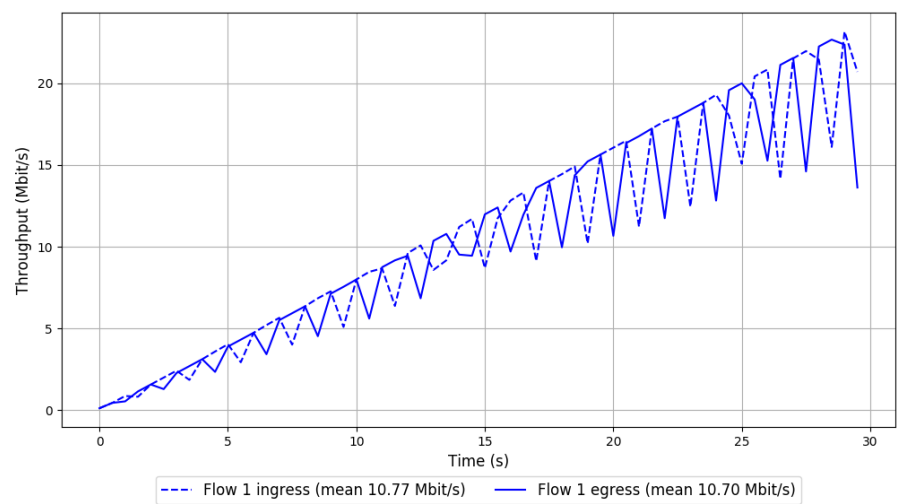
-- Flow 1:

Average throughput: 10.70 Mbit/s

95th percentile per-packet one-way delay: 86.281 ms

Loss rate: 1.22%

Run 9: Report of LEDBAT — Data Link

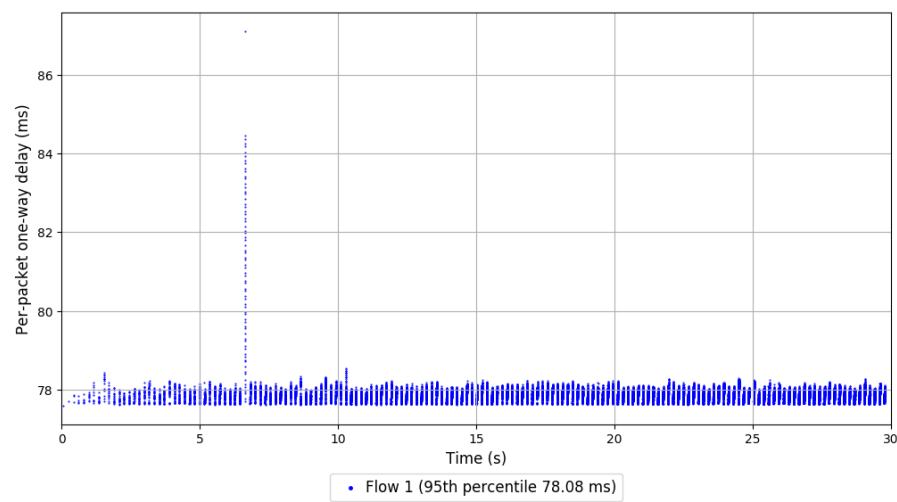
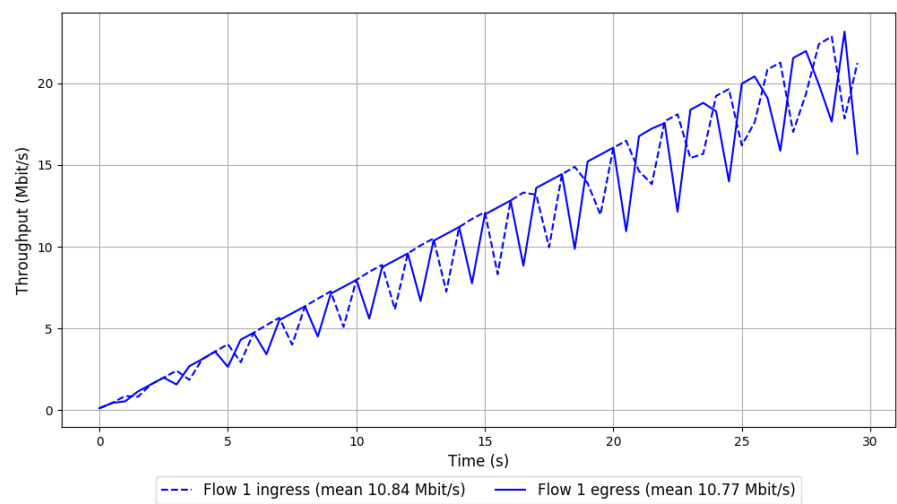


Run 10: Statistics of LEDBAT

Start at: 2018-04-03 08:02:44
End at: 2018-04-03 08:03:14
Local clock offset: -6.29 ms
Remote clock offset: 10.532 ms

Below is generated by plot.py at 2018-04-03 11:57:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.77 Mbit/s
95th percentile per-packet one-way delay: 78.083 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 10.77 Mbit/s
95th percentile per-packet one-way delay: 78.083 ms
Loss rate: 1.22%

Run 10: Report of LEDBAT — Data Link

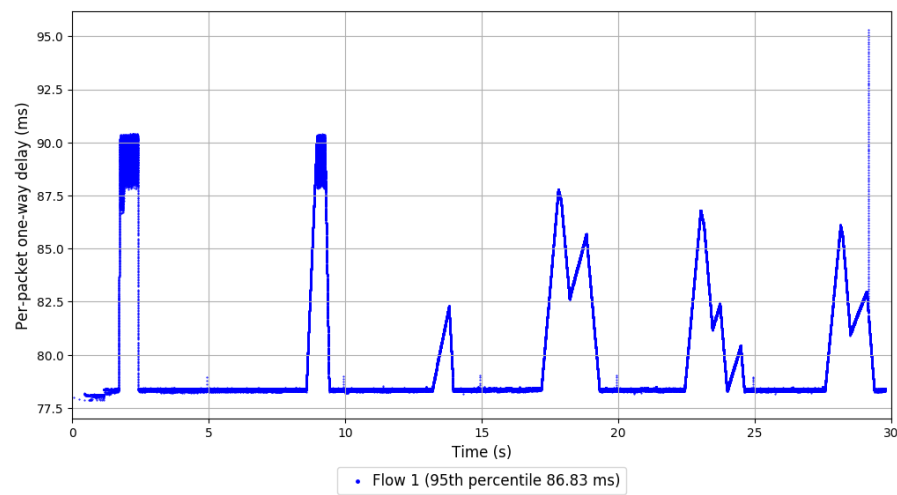
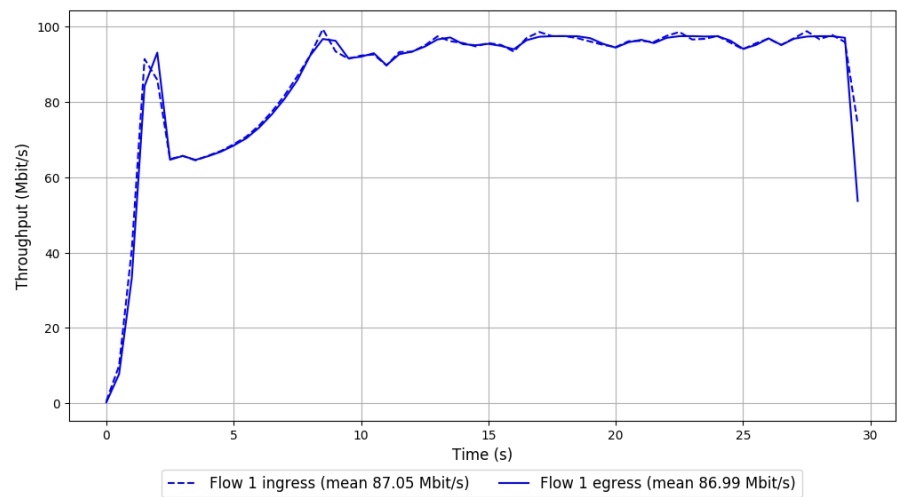


Run 1: Statistics of PCC

Start at: 2018-04-03 04:31:25
End at: 2018-04-03 04:31:55
Local clock offset: -5.544 ms
Remote clock offset: 11.942 ms

Below is generated by plot.py at 2018-04-03 11:58:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 86.829 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 86.99 Mbit/s
95th percentile per-packet one-way delay: 86.829 ms
Loss rate: 0.68%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-04-03 04:53:41

End at: 2018-04-03 04:54:11

Local clock offset: -2.833 ms

Remote clock offset: 4.843 ms

Below is generated by plot.py at 2018-04-03 11:58:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.65 Mbit/s

95th percentile per-packet one-way delay: 96.300 ms

Loss rate: 0.69%

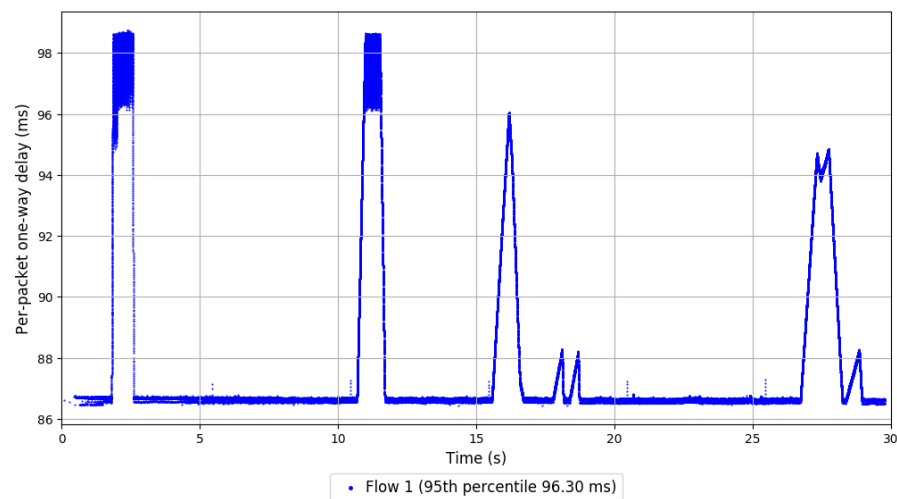
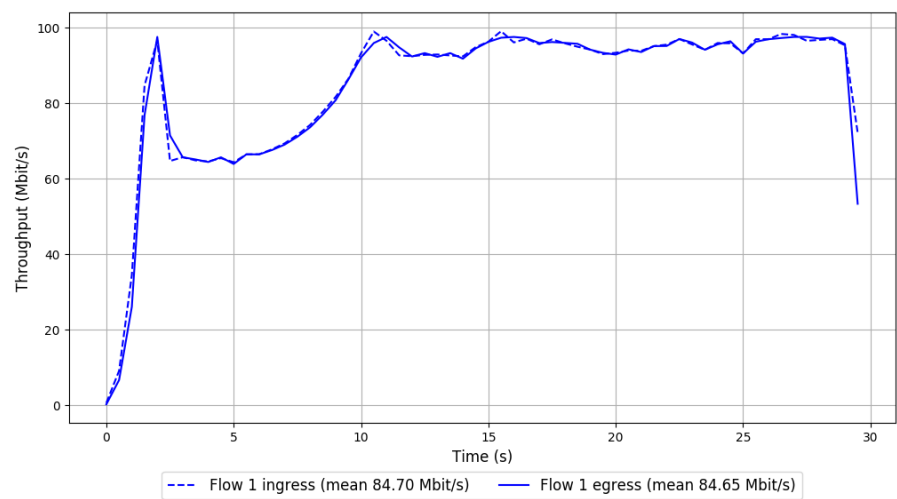
-- Flow 1:

Average throughput: 84.65 Mbit/s

95th percentile per-packet one-way delay: 96.300 ms

Loss rate: 0.69%

Run 2: Report of PCC — Data Link

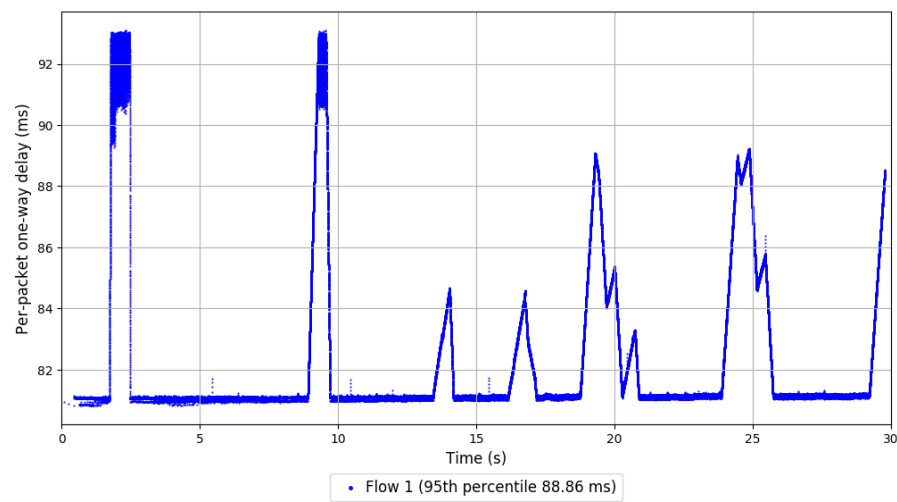
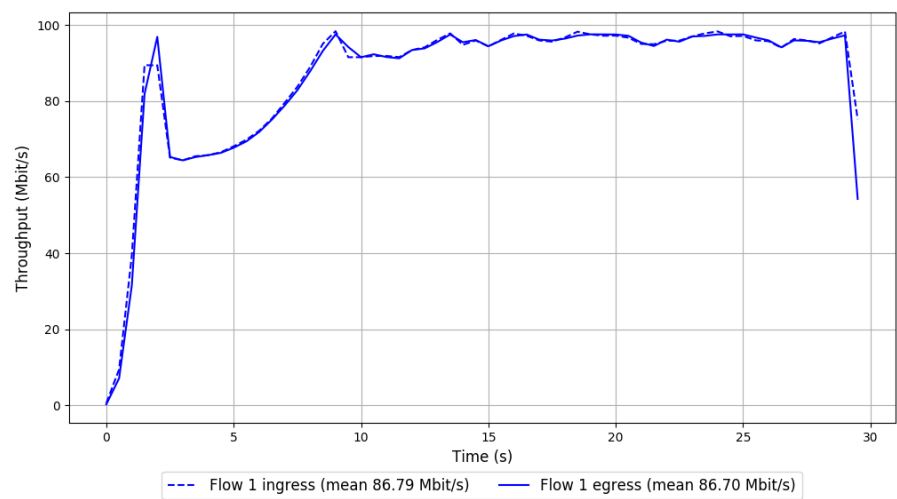


Run 3: Statistics of PCC

Start at: 2018-04-03 05:15:53
End at: 2018-04-03 05:16:23
Local clock offset: -0.908 ms
Remote clock offset: 10.097 ms

Below is generated by plot.py at 2018-04-03 11:58:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 88.860 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 88.860 ms
Loss rate: 0.73%

Run 3: Report of PCC — Data Link

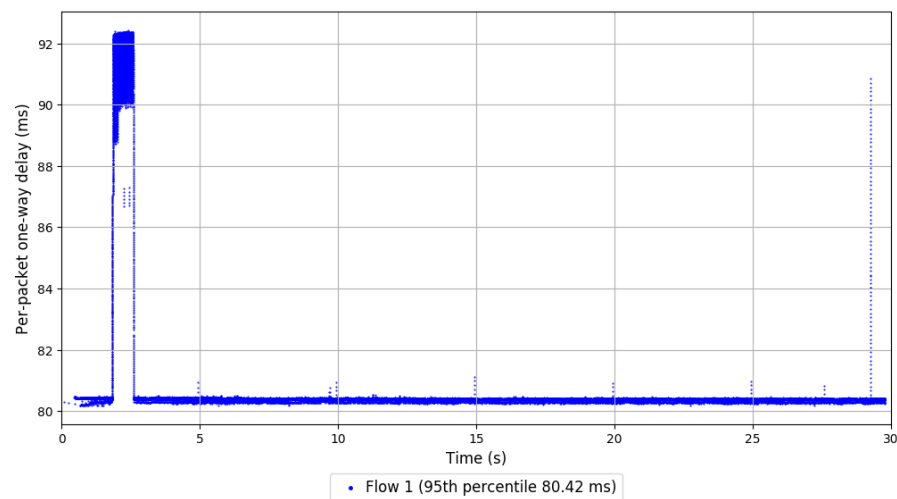
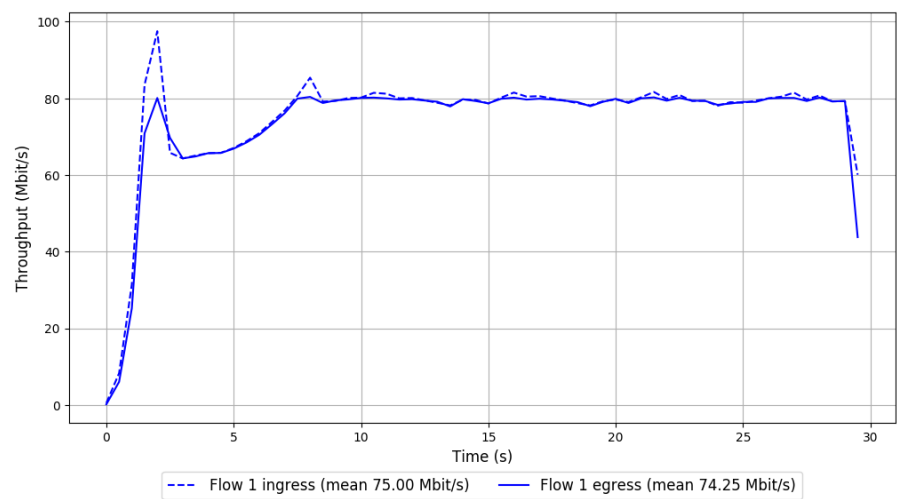


Run 4: Statistics of PCC

Start at: 2018-04-03 05:38:06
End at: 2018-04-03 05:38:36
Local clock offset: -2.556 ms
Remote clock offset: 10.979 ms

Below is generated by plot.py at 2018-04-03 11:58:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 80.422 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 80.422 ms
Loss rate: 1.62%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-04-03 06:00:20

End at: 2018-04-03 06:00:50

Local clock offset: -5.37 ms

Remote clock offset: 6.859 ms

Below is generated by plot.py at 2018-04-03 11:59:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.90 Mbit/s

95th percentile per-packet one-way delay: 96.998 ms

Loss rate: 0.69%

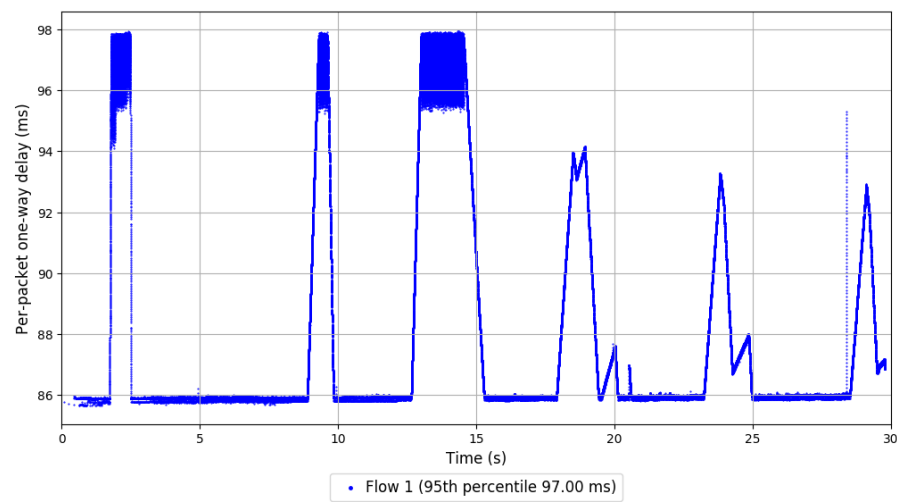
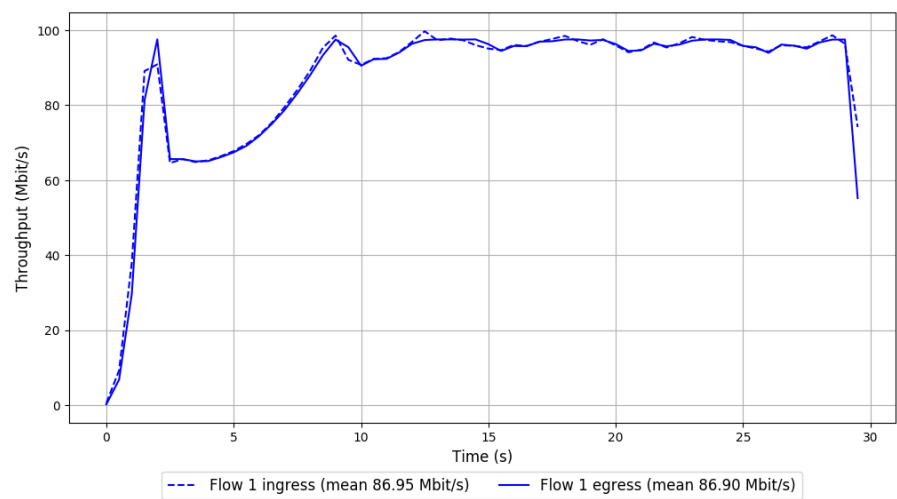
-- Flow 1:

Average throughput: 86.90 Mbit/s

95th percentile per-packet one-way delay: 96.998 ms

Loss rate: 0.69%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-04-03 06:22:34

End at: 2018-04-03 06:23:04

Local clock offset: -7.229 ms

Remote clock offset: 7.255 ms

Below is generated by plot.py at 2018-04-03 11:59:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.43 Mbit/s

95th percentile per-packet one-way delay: 83.631 ms

Loss rate: 1.62%

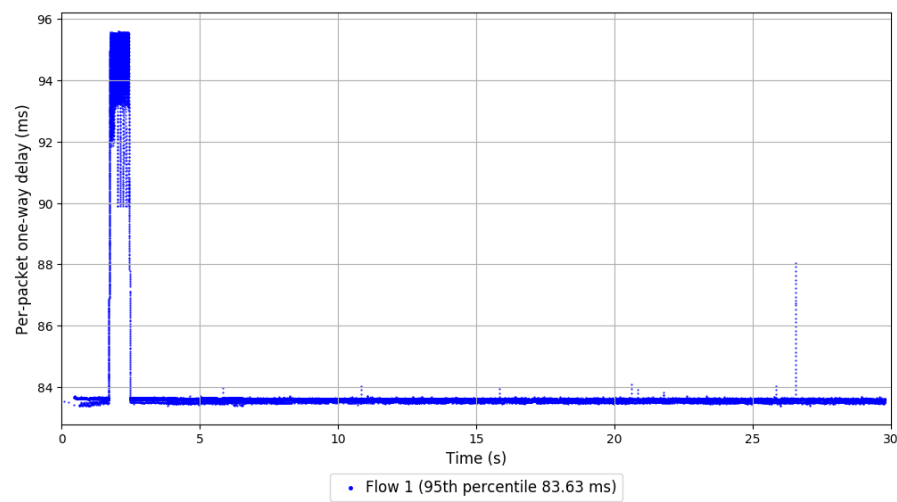
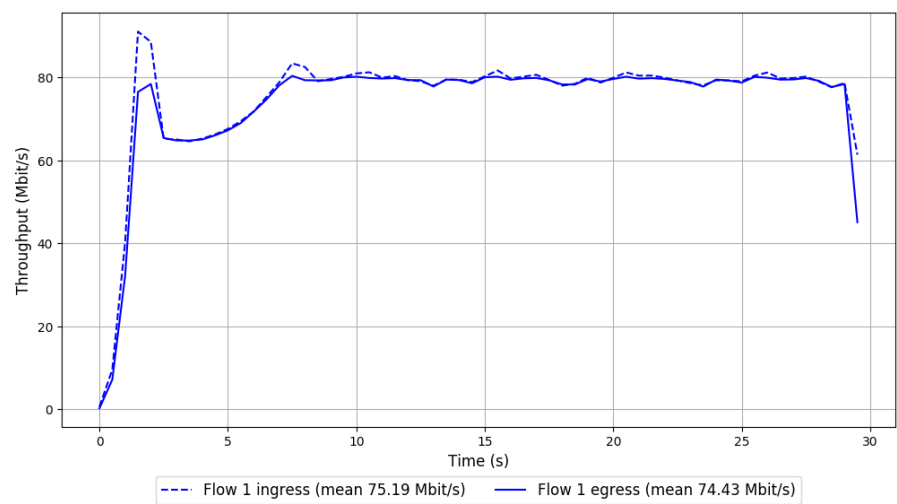
-- Flow 1:

Average throughput: 74.43 Mbit/s

95th percentile per-packet one-way delay: 83.631 ms

Loss rate: 1.62%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-04-03 06:44:48

End at: 2018-04-03 06:45:18

Local clock offset: -7.071 ms

Remote clock offset: 6.655 ms

Below is generated by plot.py at 2018-04-03 11:59:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.74 Mbit/s

95th percentile per-packet one-way delay: 96.766 ms

Loss rate: 0.71%

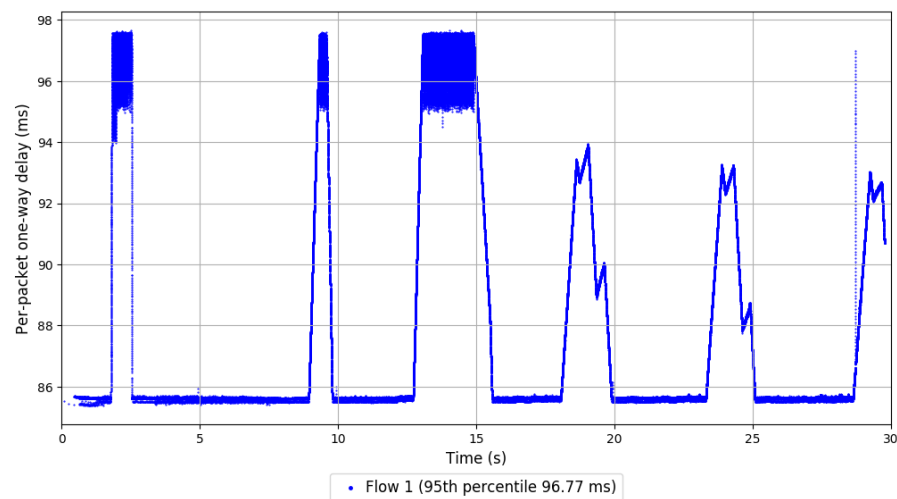
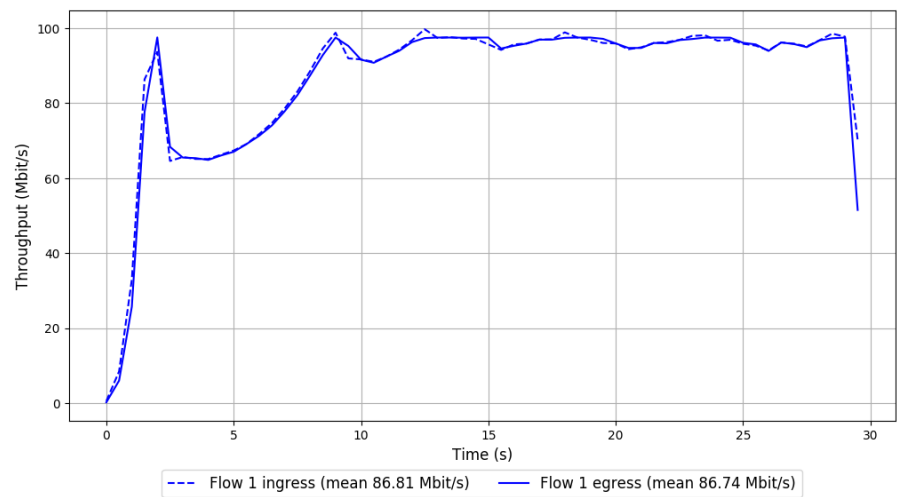
-- Flow 1:

Average throughput: 86.74 Mbit/s

95th percentile per-packet one-way delay: 96.766 ms

Loss rate: 0.71%

Run 7: Report of PCC — Data Link

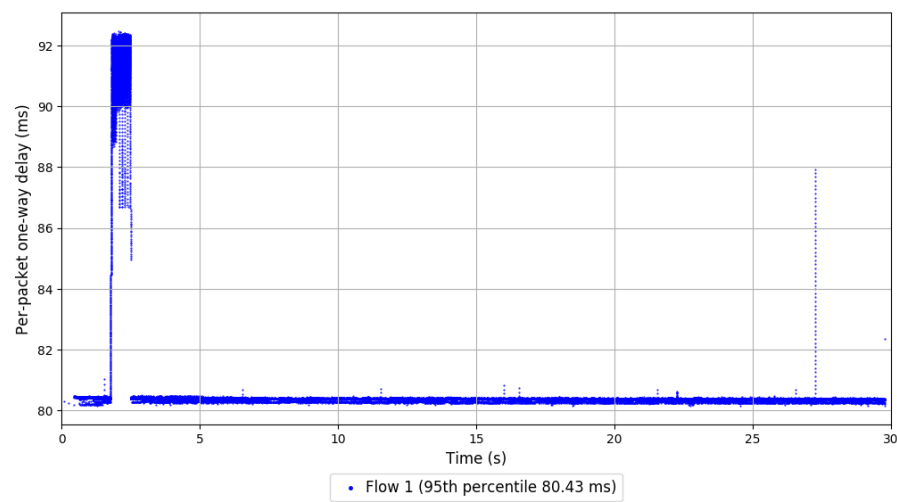
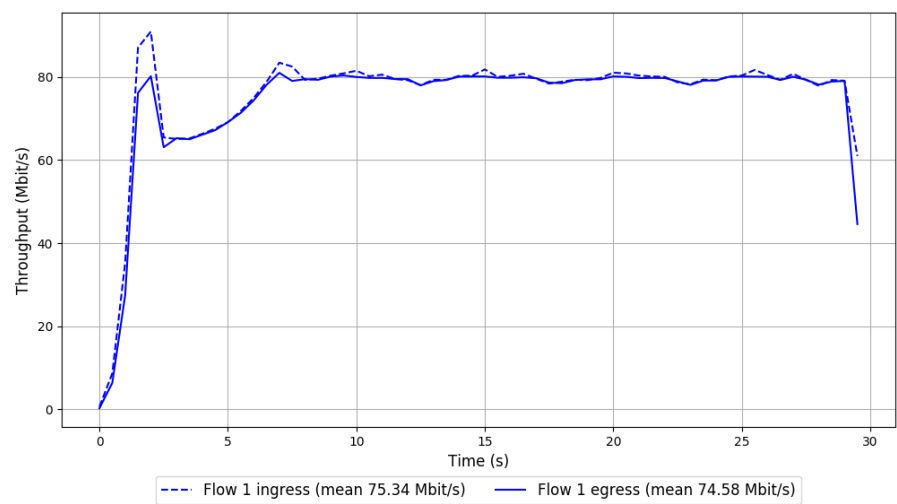


Run 8: Statistics of PCC

Start at: 2018-04-03 07:07:01
End at: 2018-04-03 07:07:31
Local clock offset: -6.28 ms
Remote clock offset: 12.094 ms

Below is generated by plot.py at 2018-04-03 11:59:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.58 Mbit/s
95th percentile per-packet one-way delay: 80.426 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 74.58 Mbit/s
95th percentile per-packet one-way delay: 80.426 ms
Loss rate: 1.62%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-04-03 07:29:18

End at: 2018-04-03 07:29:48

Local clock offset: -5.528 ms

Remote clock offset: 5.732 ms

Below is generated by plot.py at 2018-04-03 12:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.46 Mbit/s

95th percentile per-packet one-way delay: 96.125 ms

Loss rate: 0.71%

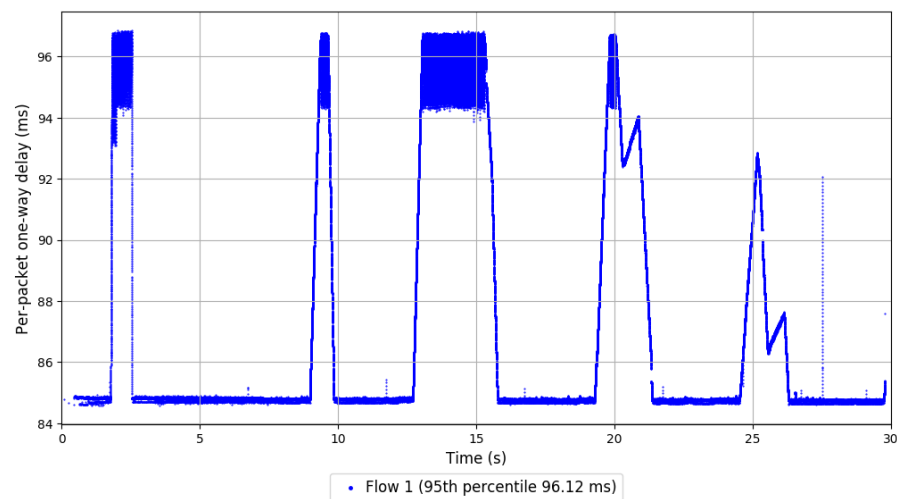
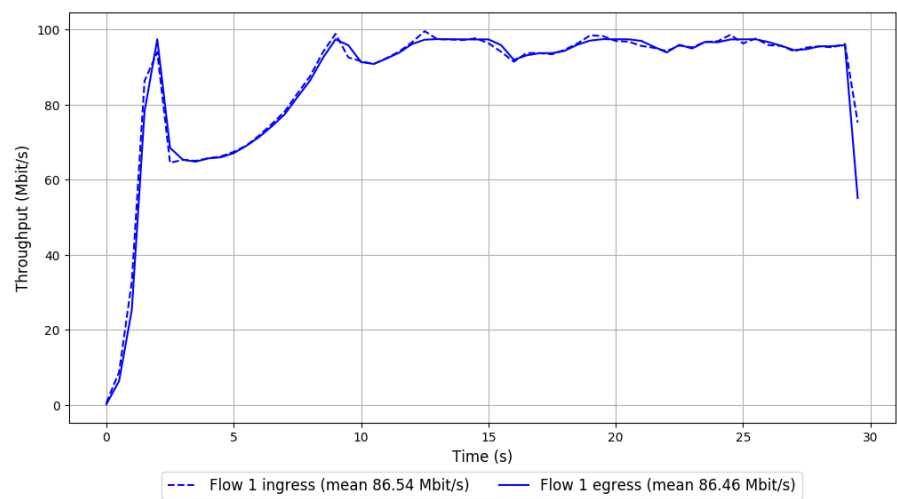
-- Flow 1:

Average throughput: 86.46 Mbit/s

95th percentile per-packet one-way delay: 96.125 ms

Loss rate: 0.71%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-04-03 07:51:28

End at: 2018-04-03 07:51:58

Local clock offset: -6.222 ms

Remote clock offset: 4.444 ms

Below is generated by plot.py at 2018-04-03 12:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.16 Mbit/s

95th percentile per-packet one-way delay: 94.098 ms

Loss rate: 0.72%

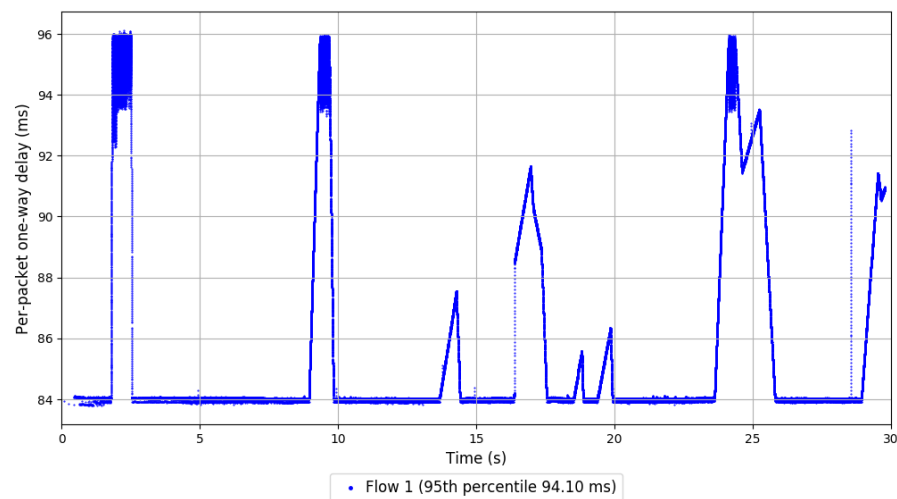
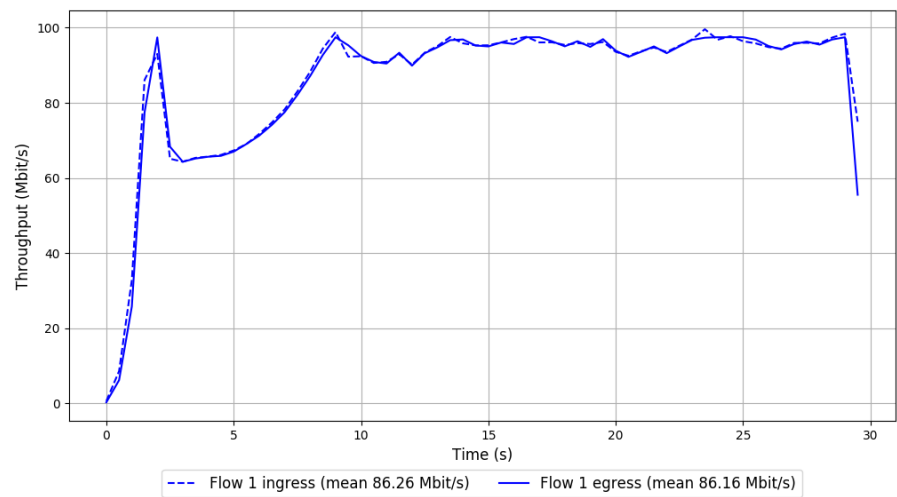
-- Flow 1:

Average throughput: 86.16 Mbit/s

95th percentile per-packet one-way delay: 94.098 ms

Loss rate: 0.72%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-04-03 04:44:56

End at: 2018-04-03 04:45:26

Local clock offset: -4.409 ms

Remote clock offset: 6.013 ms

Below is generated by plot.py at 2018-04-03 12:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.94 Mbit/s

95th percentile per-packet one-way delay: 96.025 ms

Loss rate: 0.99%

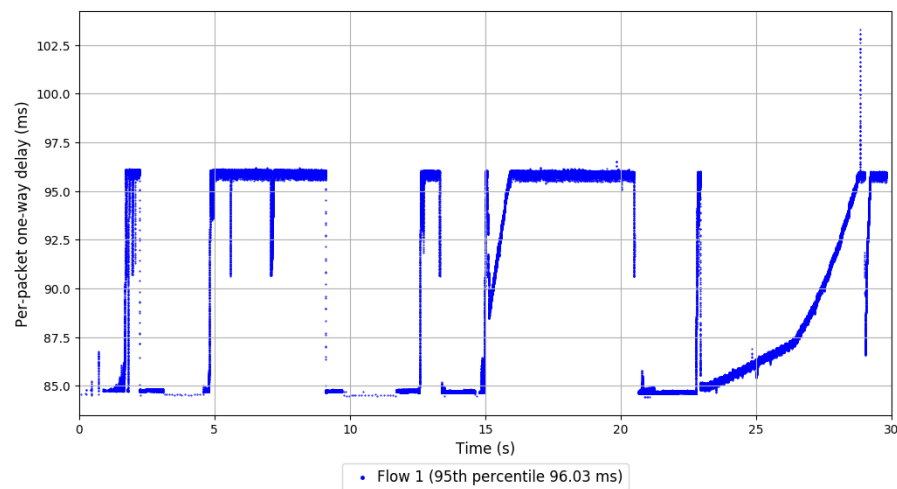
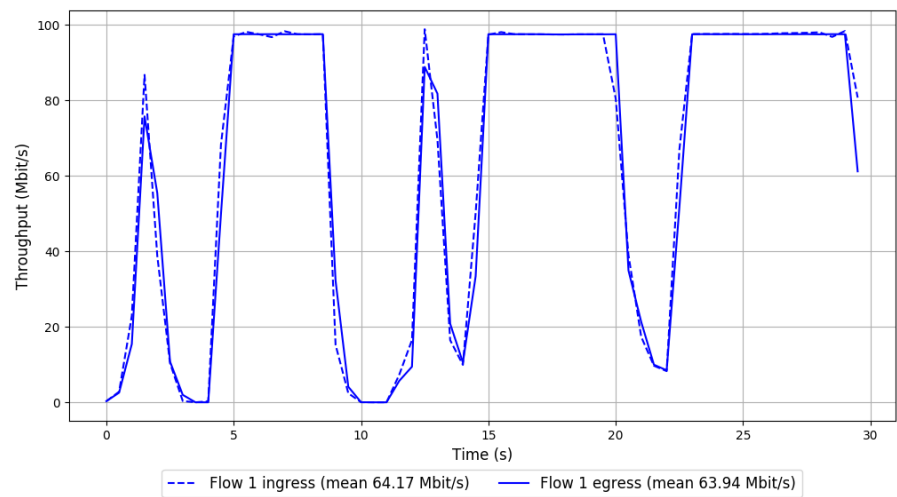
-- Flow 1:

Average throughput: 63.94 Mbit/s

95th percentile per-packet one-way delay: 96.025 ms

Loss rate: 0.99%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-04-03 05:07:11

End at: 2018-04-03 05:07:41

Local clock offset: -1.485 ms

Remote clock offset: 4.688 ms

Below is generated by plot.py at 2018-04-03 12:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.06 Mbit/s

95th percentile per-packet one-way delay: 95.293 ms

Loss rate: 0.90%

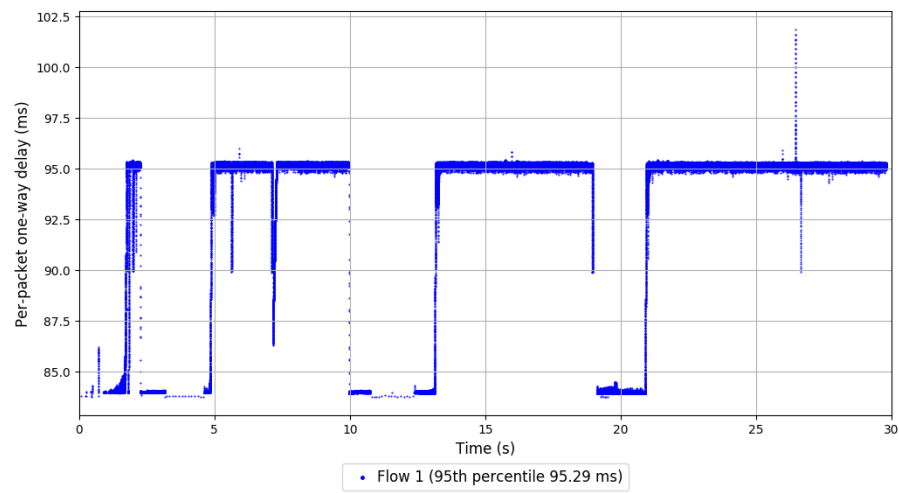
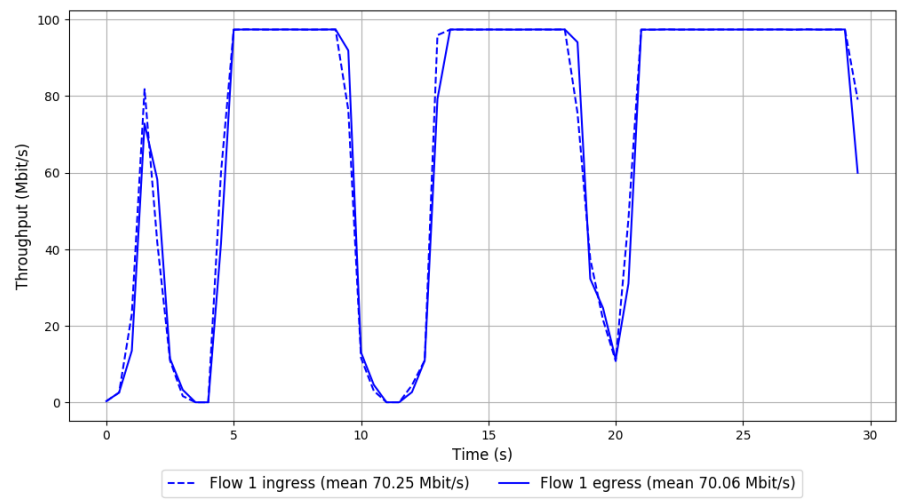
-- Flow 1:

Average throughput: 70.06 Mbit/s

95th percentile per-packet one-way delay: 95.293 ms

Loss rate: 0.90%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-04-03 05:29:24

End at: 2018-04-03 05:29:54

Local clock offset: -2.451 ms

Remote clock offset: 10.923 ms

Below is generated by plot.py at 2018-04-03 12:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.19 Mbit/s

95th percentile per-packet one-way delay: 89.491 ms

Loss rate: 1.78%

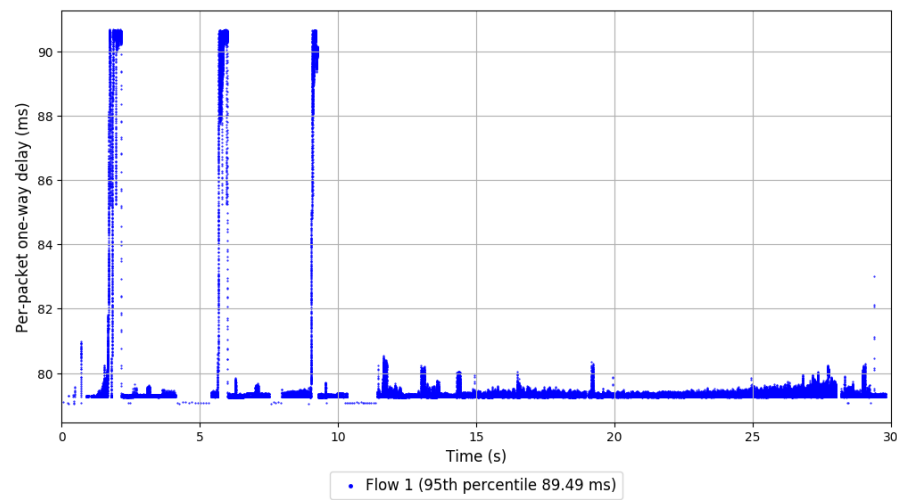
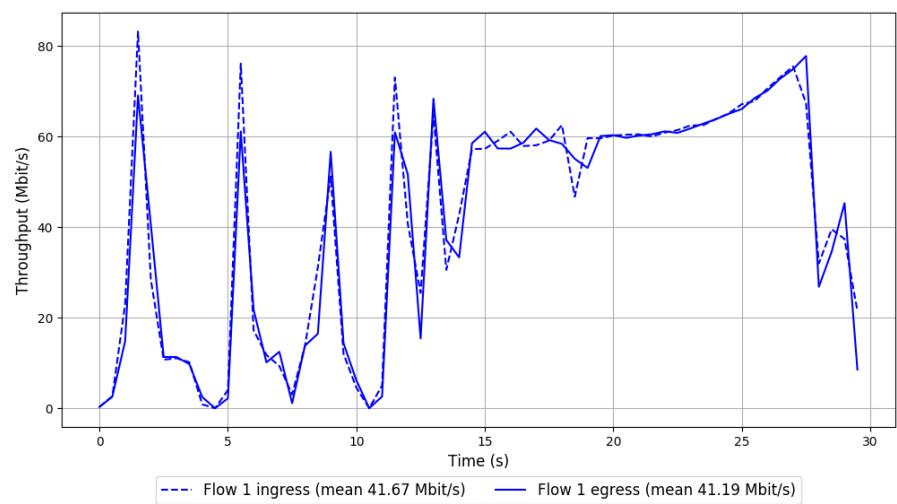
-- Flow 1:

Average throughput: 41.19 Mbit/s

95th percentile per-packet one-way delay: 89.491 ms

Loss rate: 1.78%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-04-03 05:51:40

End at: 2018-04-03 05:52:10

Local clock offset: -3.126 ms

Remote clock offset: 5.244 ms

Below is generated by plot.py at 2018-04-03 12:00:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.36 Mbit/s

95th percentile per-packet one-way delay: 95.210 ms

Loss rate: 1.01%

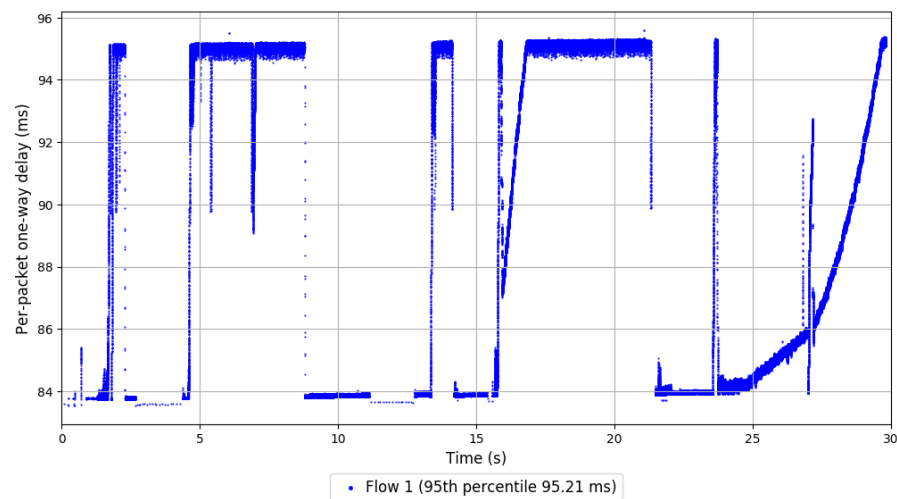
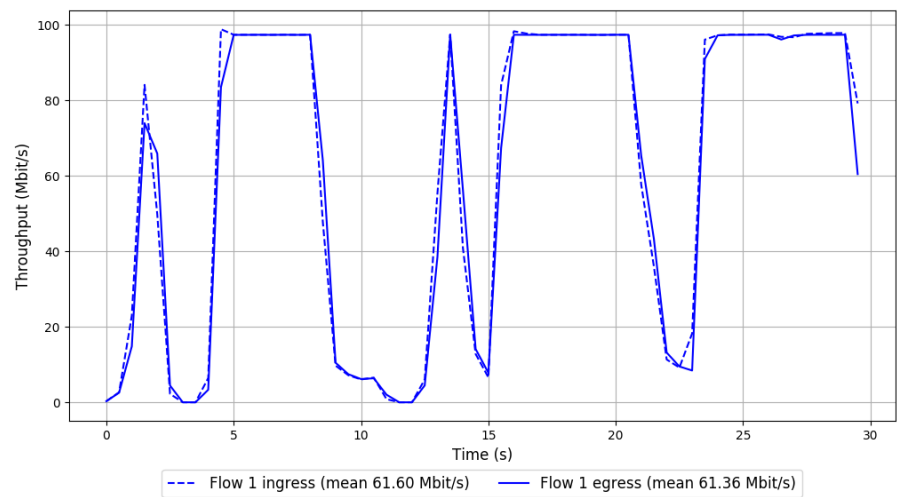
-- Flow 1:

Average throughput: 61.36 Mbit/s

95th percentile per-packet one-way delay: 95.210 ms

Loss rate: 1.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-04-03 06:13:50

End at: 2018-04-03 06:14:20

Local clock offset: -6.719 ms

Remote clock offset: 6.271 ms

Below is generated by plot.py at 2018-04-03 12:00:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.88 Mbit/s

95th percentile per-packet one-way delay: 86.971 ms

Loss rate: 1.55%

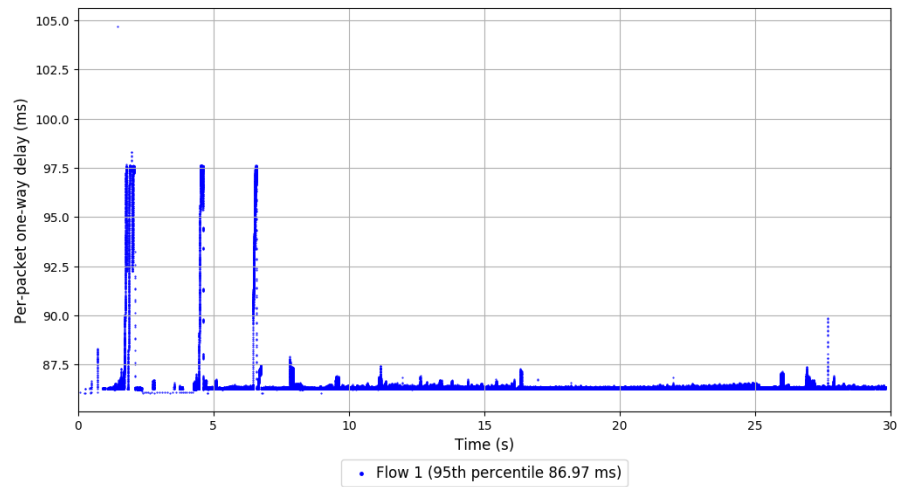
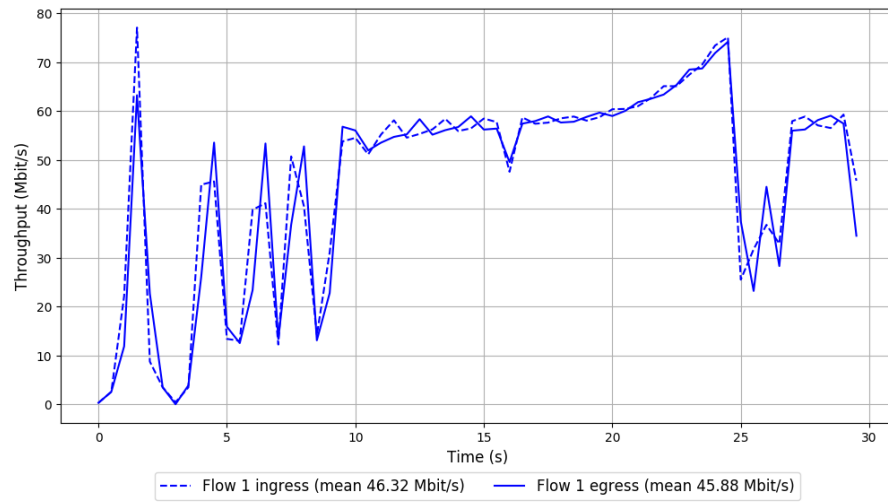
-- Flow 1:

Average throughput: 45.88 Mbit/s

95th percentile per-packet one-way delay: 86.971 ms

Loss rate: 1.55%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-04-03 06:36:06

End at: 2018-04-03 06:36:36

Local clock offset: -7.039 ms

Remote clock offset: 11.17 ms

Below is generated by plot.py at 2018-04-03 12:00:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.19 Mbit/s

95th percentile per-packet one-way delay: 92.180 ms

Loss rate: 0.90%

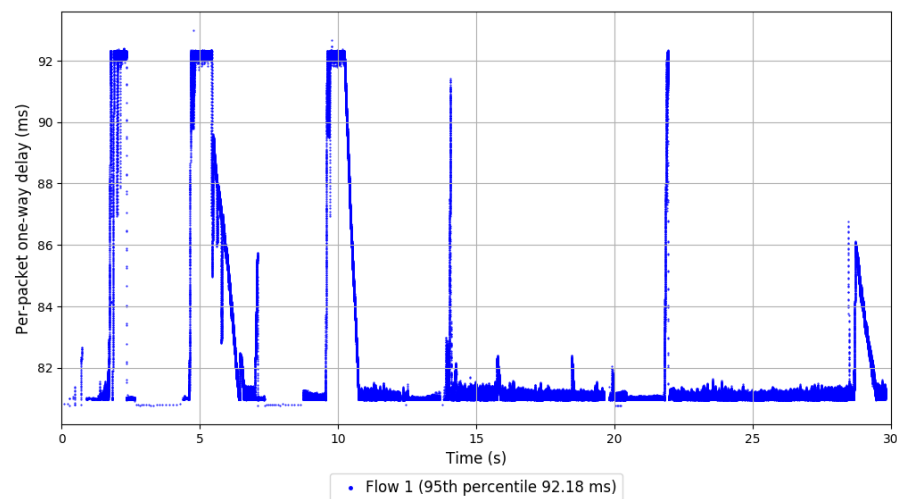
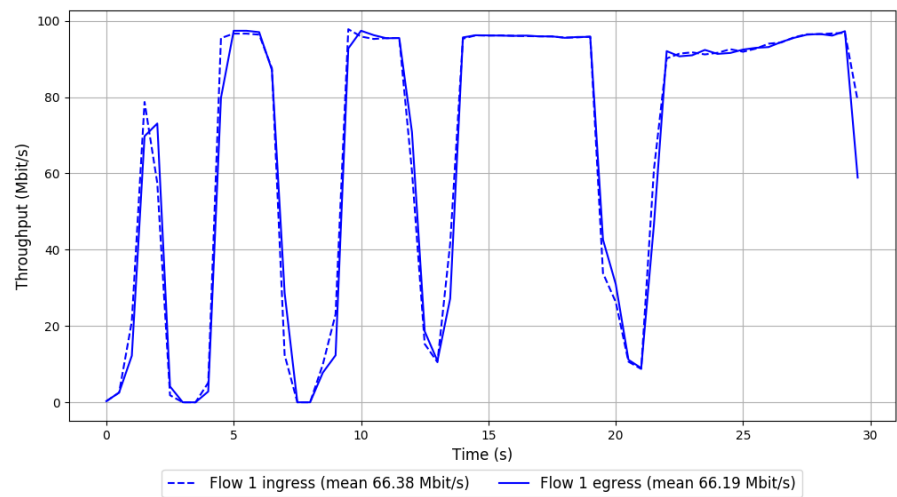
-- Flow 1:

Average throughput: 66.19 Mbit/s

95th percentile per-packet one-way delay: 92.180 ms

Loss rate: 0.90%

Run 6: Report of QUIC Cubic — Data Link

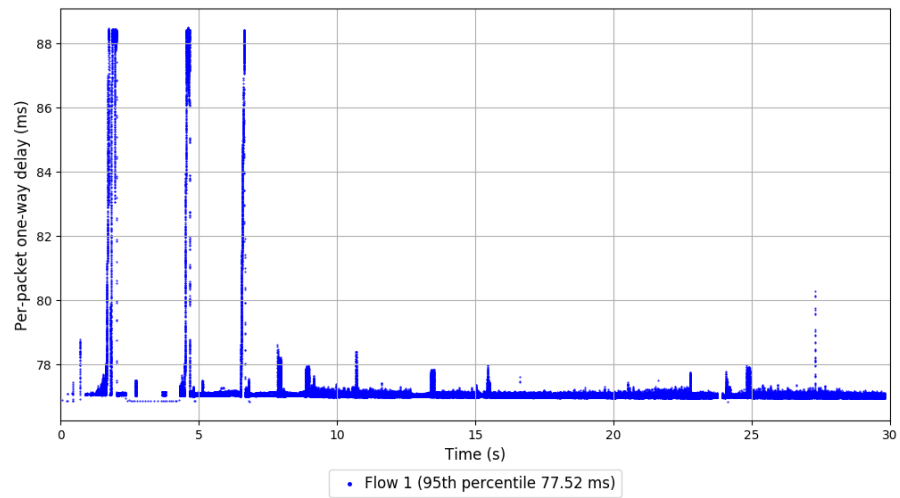
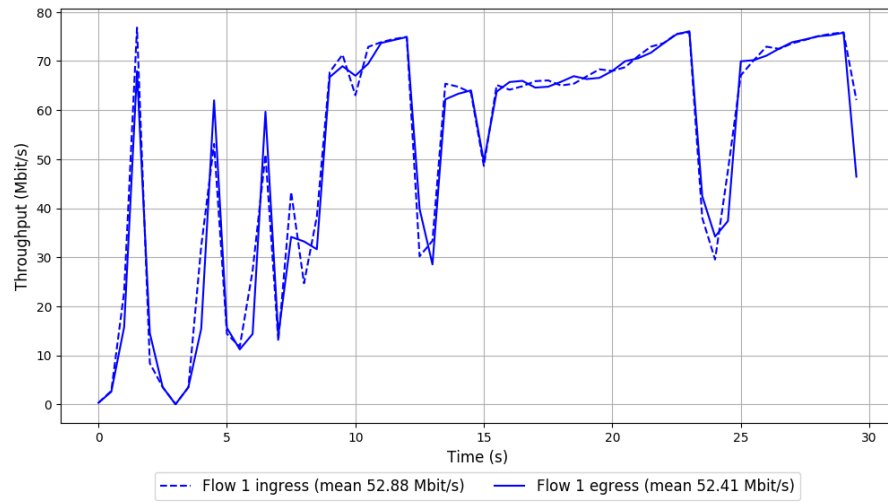


Run 7: Statistics of QUIC Cubic

Start at: 2018-04-03 06:58:19
End at: 2018-04-03 06:58:49
Local clock offset: -7.388 ms
Remote clock offset: 12.955 ms

Below is generated by plot.py at 2018-04-03 12:00:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.41 Mbit/s
95th percentile per-packet one-way delay: 77.520 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 52.41 Mbit/s
95th percentile per-packet one-way delay: 77.520 ms
Loss rate: 1.47%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-04-03 07:20:36

End at: 2018-04-03 07:21:06

Local clock offset: -5.681 ms

Remote clock offset: 6.762 ms

Below is generated by plot.py at 2018-04-03 12:00:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.35 Mbit/s

95th percentile per-packet one-way delay: 96.324 ms

Loss rate: 1.01%

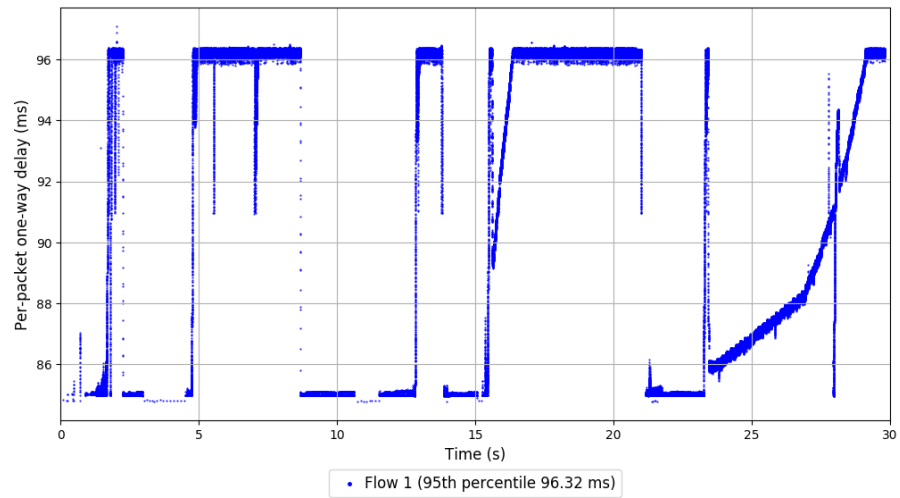
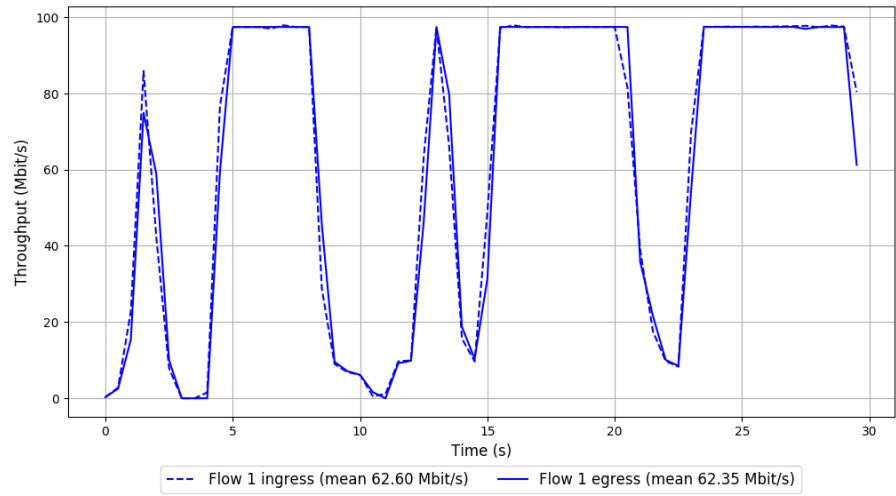
-- Flow 1:

Average throughput: 62.35 Mbit/s

95th percentile per-packet one-way delay: 96.324 ms

Loss rate: 1.01%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-04-03 07:42:49

End at: 2018-04-03 07:43:19

Local clock offset: -6.034 ms

Remote clock offset: 12.006 ms

Below is generated by plot.py at 2018-04-03 12:00:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.17 Mbit/s

95th percentile per-packet one-way delay: 89.831 ms

Loss rate: 0.00%

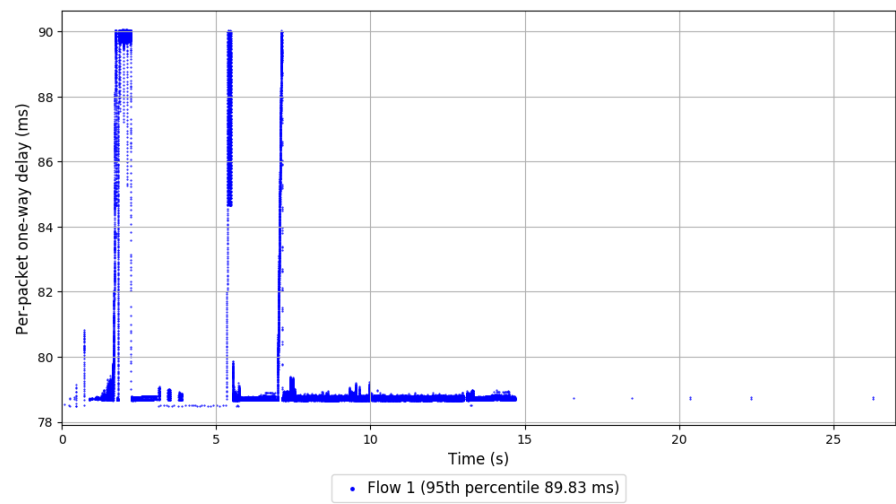
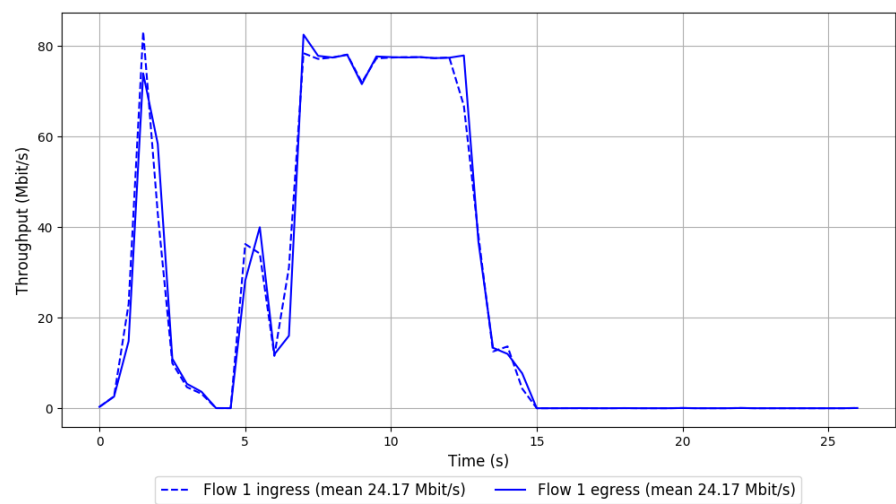
-- Flow 1:

Average throughput: 24.17 Mbit/s

95th percentile per-packet one-way delay: 89.831 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-04-03 08:05:14

End at: 2018-04-03 08:05:44

Local clock offset: -6.282 ms

Remote clock offset: 10.613 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.87 Mbit/s

95th percentile per-packet one-way delay: 80.593 ms

Loss rate: 0.80%

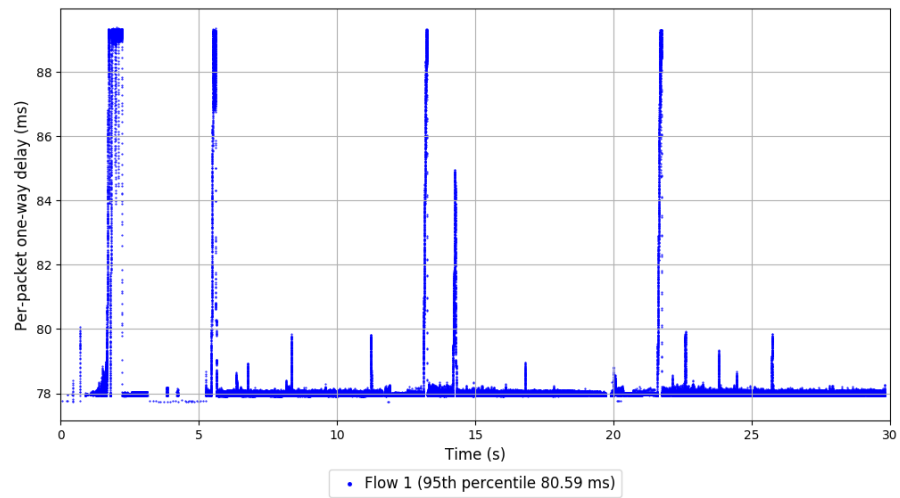
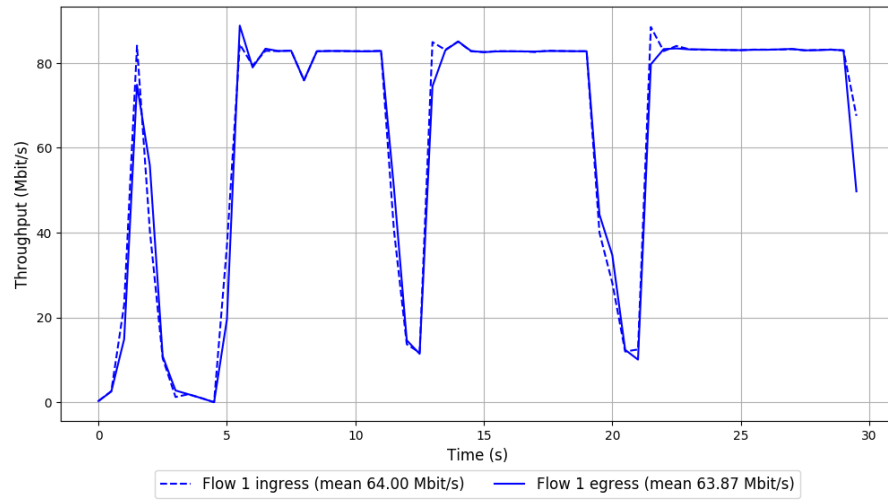
-- Flow 1:

Average throughput: 63.87 Mbit/s

95th percentile per-packet one-way delay: 80.593 ms

Loss rate: 0.80%

Run 10: Report of QUIC Cubic — Data Link

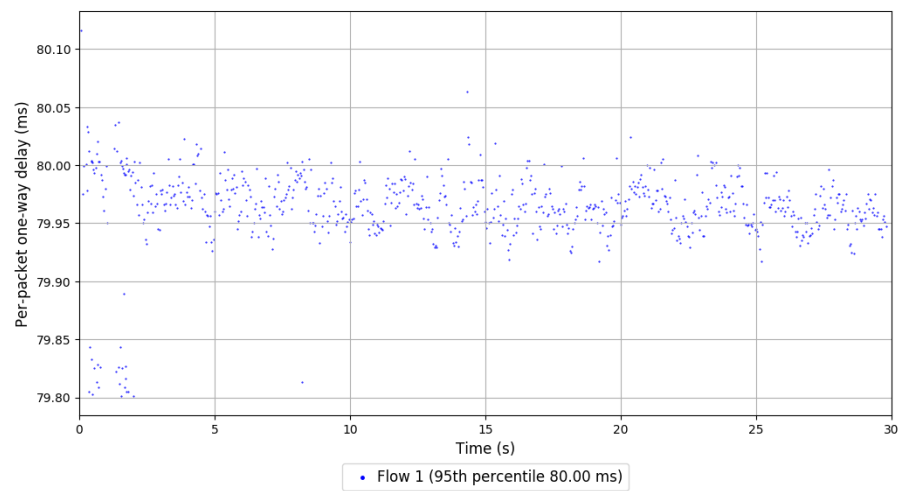
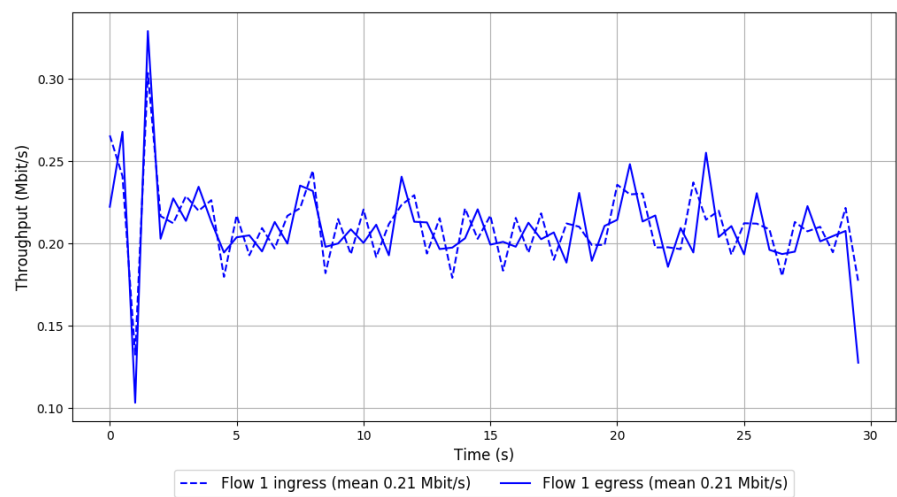


```
Run 1: Statistics of SCReAM

Start at: 2018-04-03 04:33:55
End at: 2018-04-03 04:34:25
Local clock offset: -5.434 ms
Remote clock offset: 11.987 ms

# Below is generated by plot.py at 2018-04-03 12:01:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 80.003 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 80.003 ms
Loss rate: 0.64%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-04-03 04:56:11

End at: 2018-04-03 04:56:41

Local clock offset: -2.551 ms

Remote clock offset: 4.805 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.302 ms

Loss rate: 0.64%

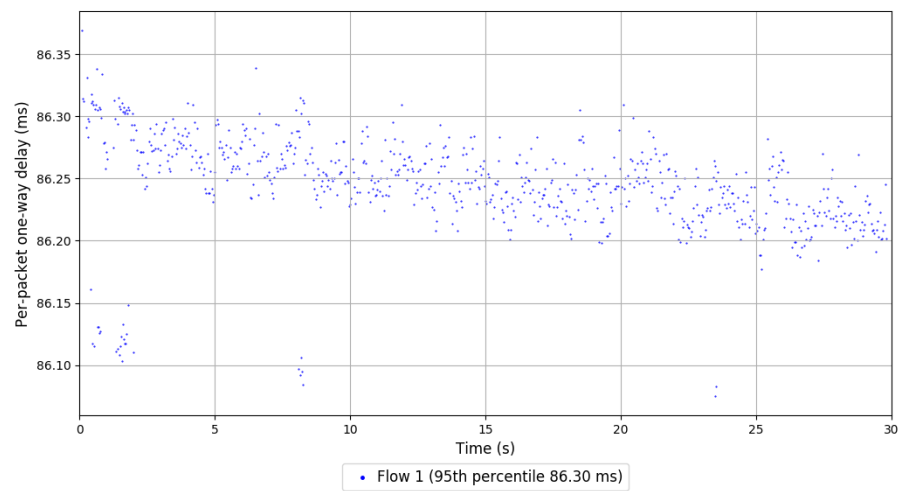
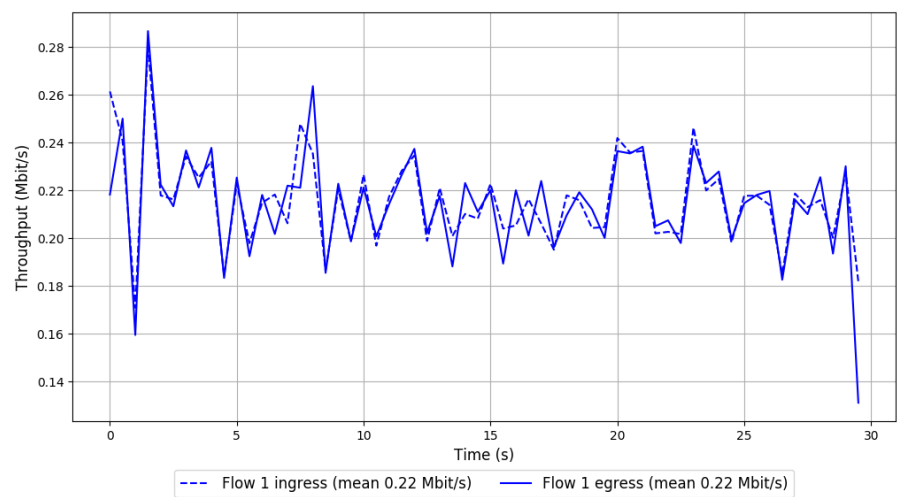
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.302 ms

Loss rate: 0.64%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-04-03 05:18:23

End at: 2018-04-03 05:18:53

Local clock offset: -1.403 ms

Remote clock offset: 5.635 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.725 ms

Loss rate: 0.64%

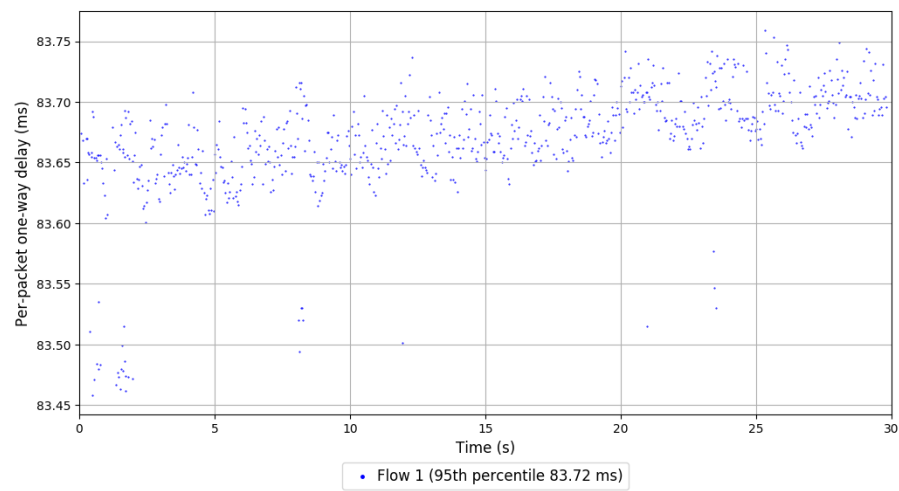
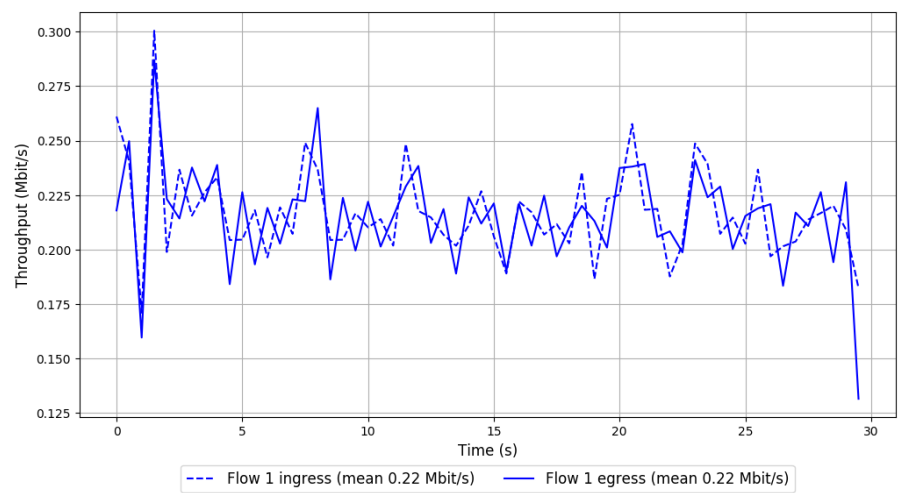
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 83.725 ms

Loss rate: 0.64%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-04-03 05:40:36

End at: 2018-04-03 05:41:06

Local clock offset: -2.546 ms

Remote clock offset: 4.613 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.754 ms

Loss rate: 0.64%

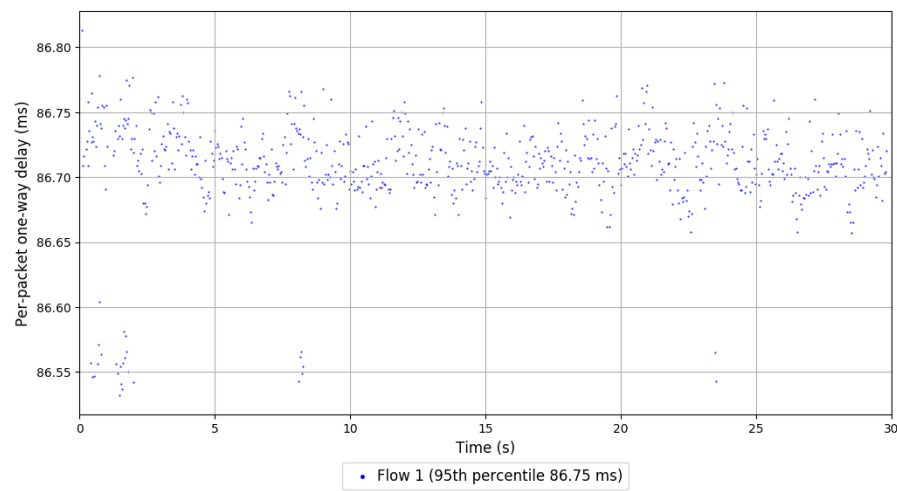
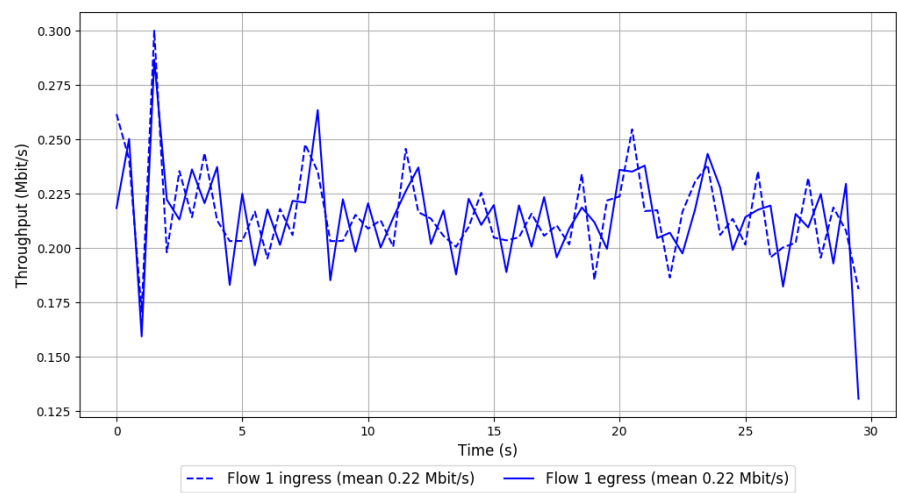
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 86.754 ms

Loss rate: 0.64%

Run 4: Report of SReAM — Data Link

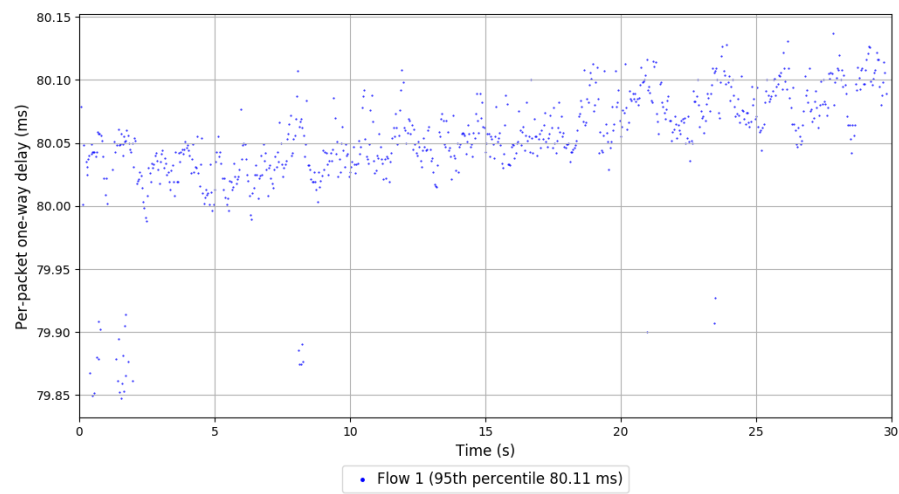
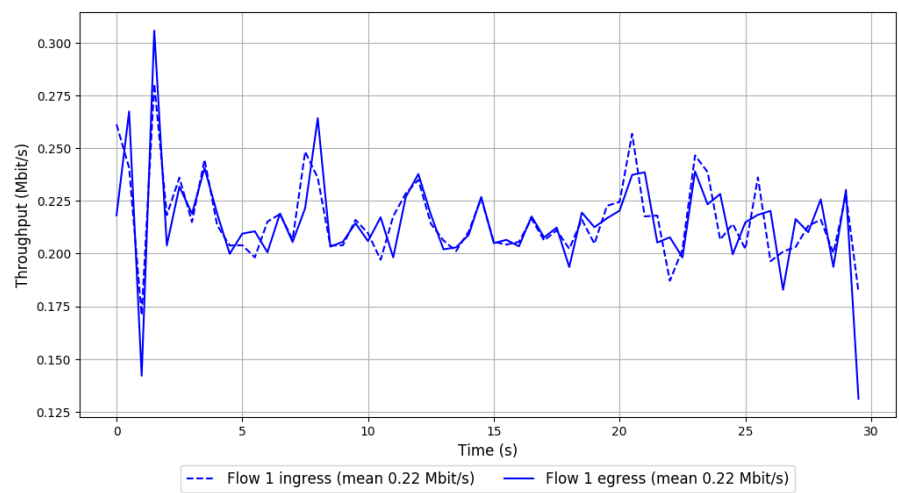


Run 5: Statistics of SCReAM

Start at: 2018-04-03 06:02:50
End at: 2018-04-03 06:03:20
Local clock offset: -5.803 ms
Remote clock offset: 12.357 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.107 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.107 ms
Loss rate: 0.64%

Run 5: Report of SReAM — Data Link

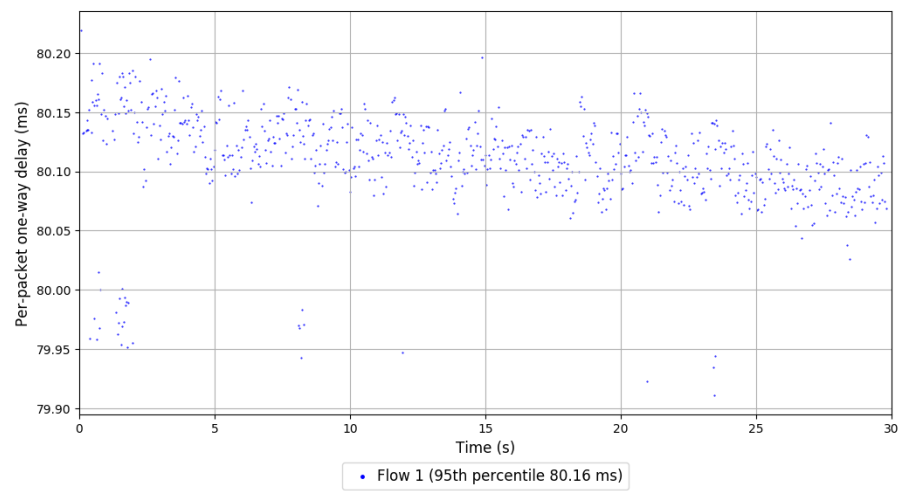
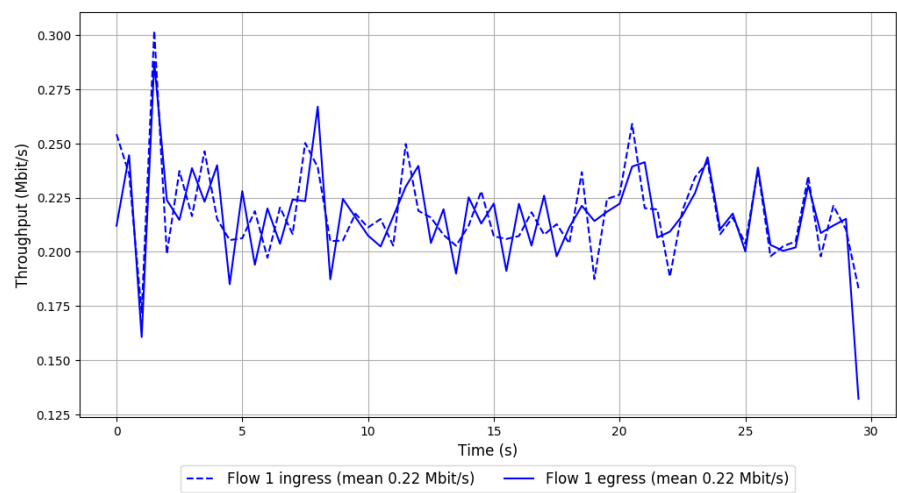


Run 6: Statistics of SCReAM

Start at: 2018-04-03 06:25:04
End at: 2018-04-03 06:25:34
Local clock offset: -7.196 ms
Remote clock offset: 12.532 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.162 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.162 ms
Loss rate: 0.64%

Run 6: Report of SReAM — Data Link

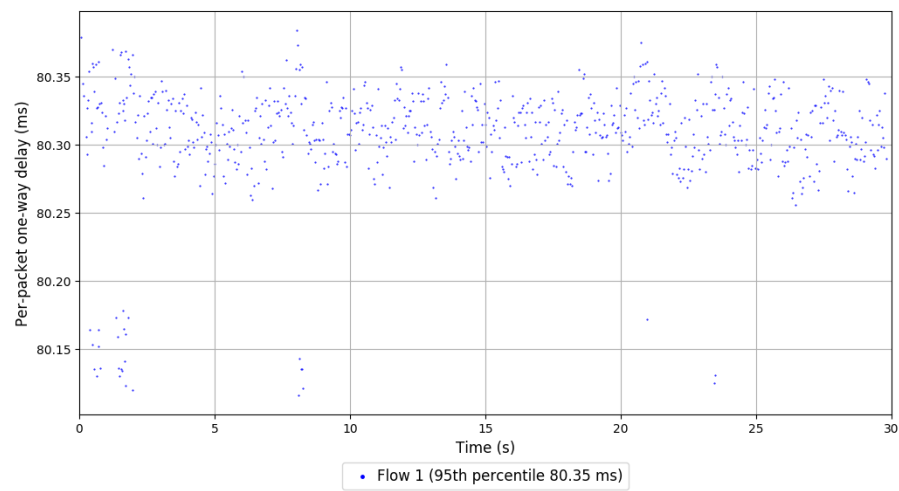
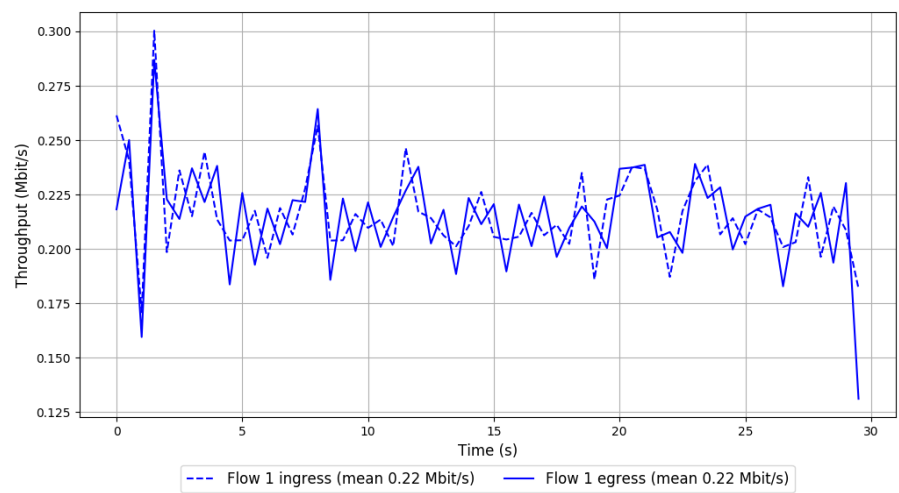


Run 7: Statistics of SCReAM

Start at: 2018-04-03 06:47:18
End at: 2018-04-03 06:47:48
Local clock offset: -7.112 ms
Remote clock offset: 12.093 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.350 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.350 ms
Loss rate: 0.64%

Run 7: Report of SReAM — Data Link

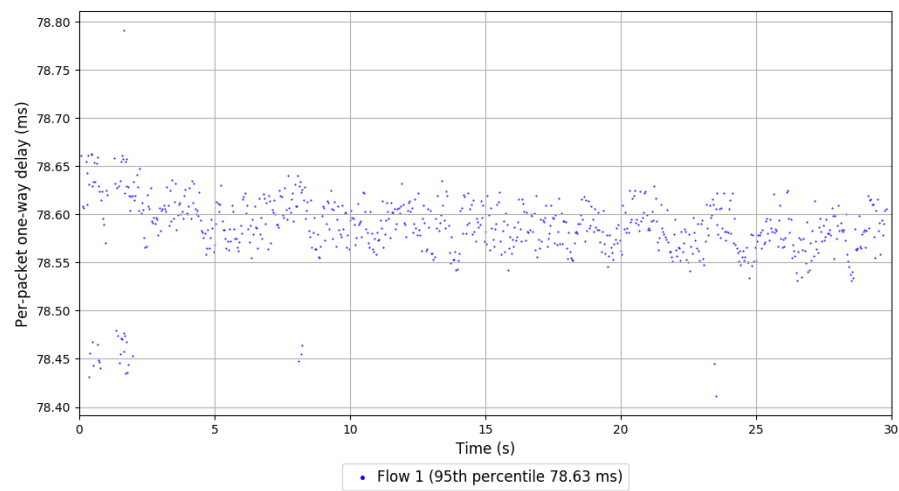
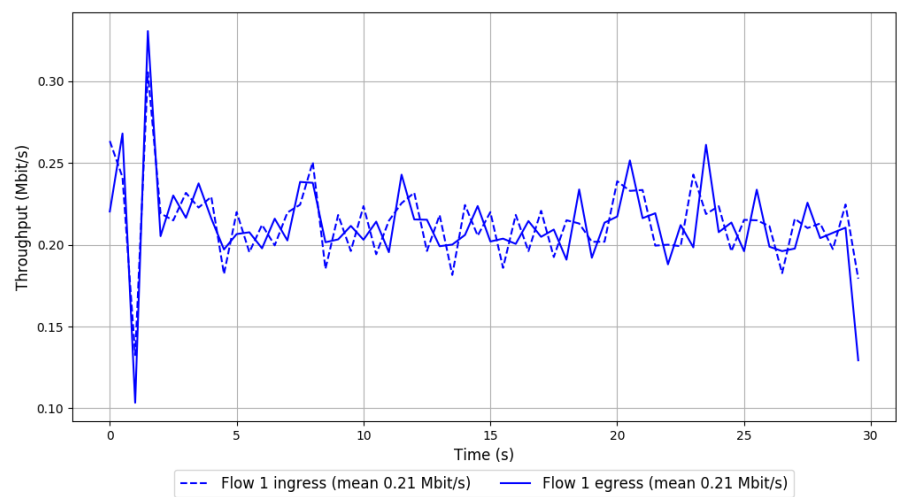


Run 8: Statistics of SCReAM

Start at: 2018-04-03 07:09:32
End at: 2018-04-03 07:10:02
Local clock offset: -6.113 ms
Remote clock offset: 13.082 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 78.629 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 78.629 ms
Loss rate: 0.64%

Run 8: Report of SReAM — Data Link

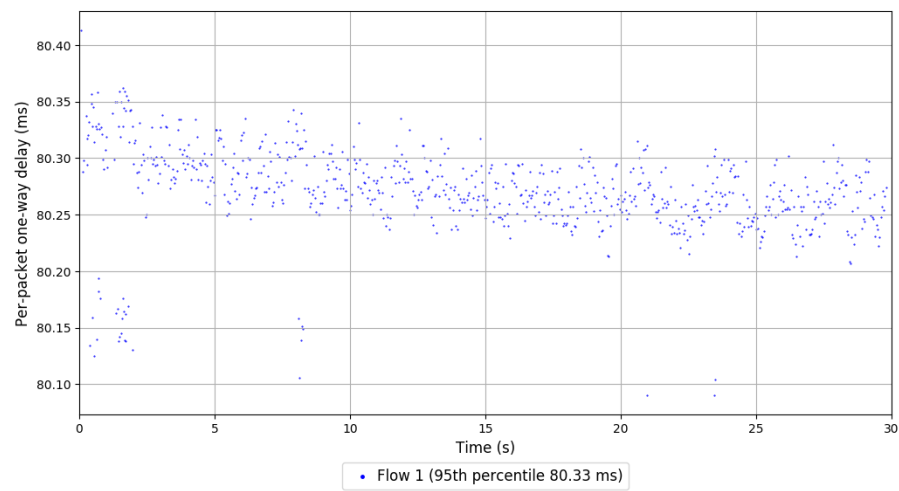
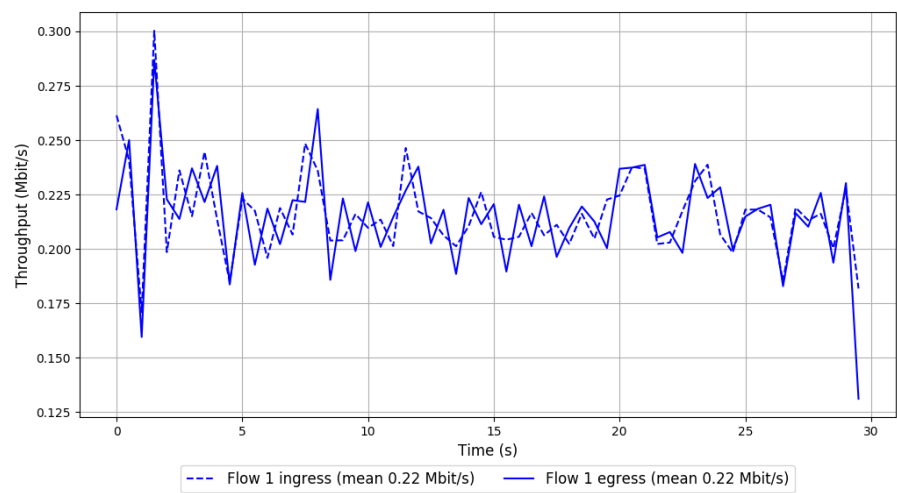


Run 9: Statistics of SCReAM

Start at: 2018-04-03 07:31:48
End at: 2018-04-03 07:32:18
Local clock offset: -5.561 ms
Remote clock offset: 11.812 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.328 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.328 ms
Loss rate: 0.64%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-04-03 07:54:03

End at: 2018-04-03 07:54:33

Local clock offset: -6.235 ms

Remote clock offset: 9.755 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 81.425 ms

Loss rate: 0.64%

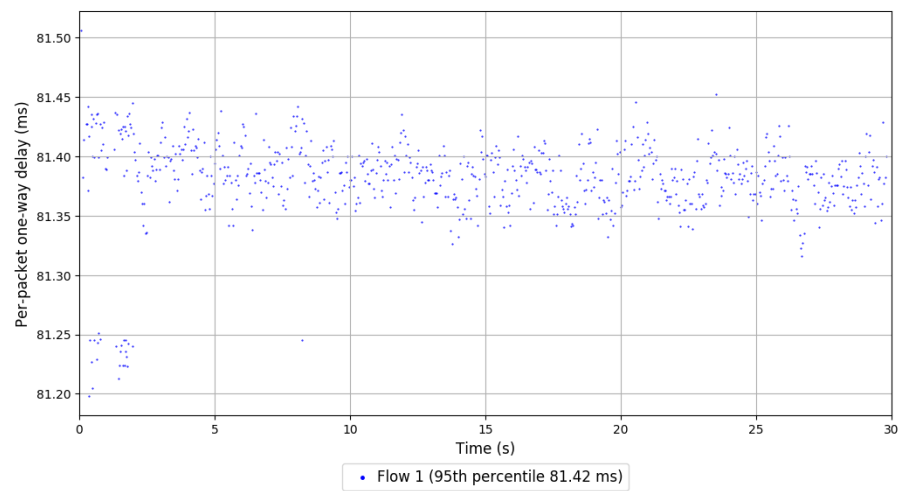
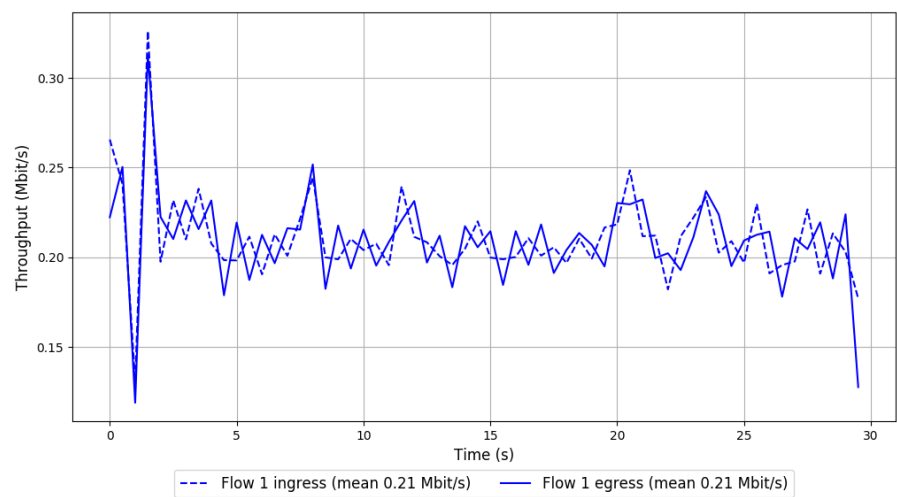
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 81.425 ms

Loss rate: 0.64%

Run 10: Report of SCRaM — Data Link

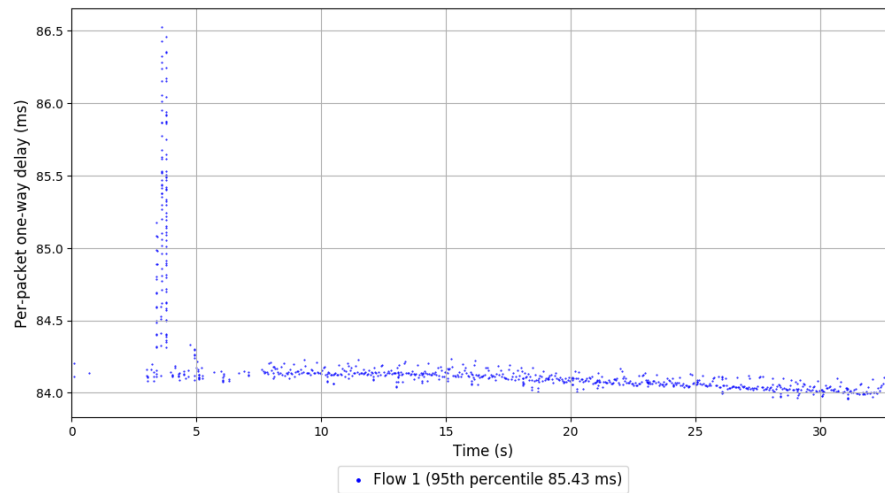
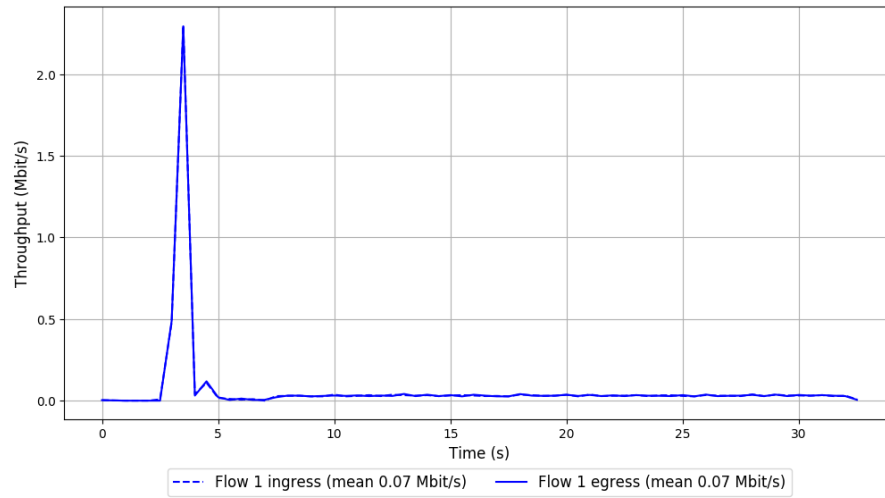


```
Run 1: Statistics of WebRTC media

Start at: 2018-04-03 04:41:17
End at: 2018-04-03 04:41:47
Local clock offset: -5.433 ms
Remote clock offset: 5.363 ms

# Below is generated by plot.py at 2018-04-03 12:01:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 85.434 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 85.434 ms
Loss rate: 0.17%
```

Run 1: Report of WebRTC media — Data Link

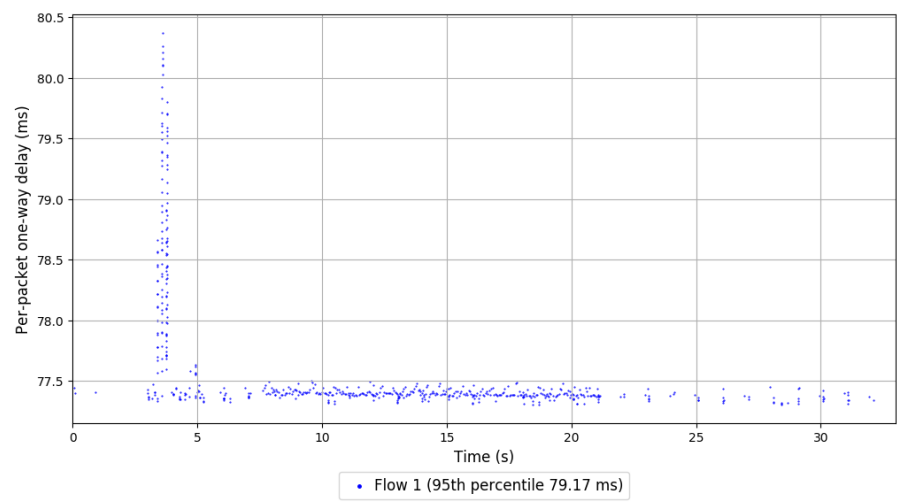
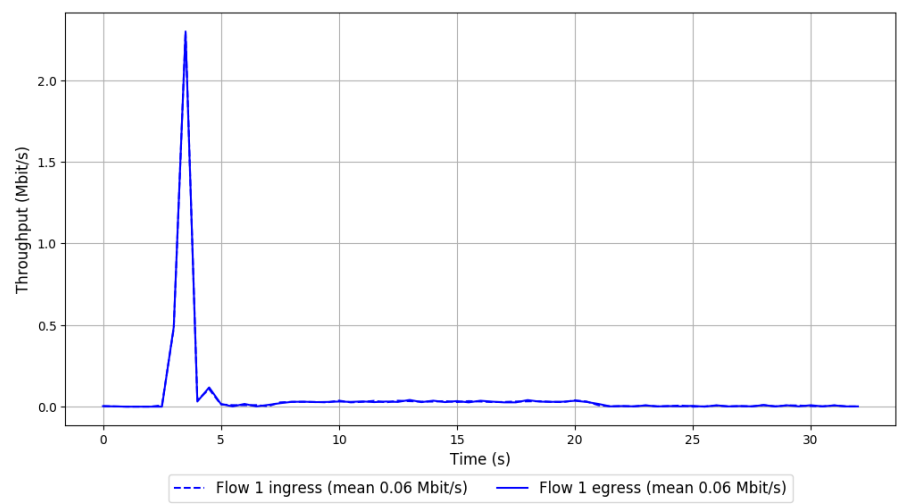


Run 2: Statistics of WebRTC media

Start at: 2018-04-03 05:03:33
End at: 2018-04-03 05:04:03
Local clock offset: -1.763 ms
Remote clock offset: 11.149 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 79.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 79.166 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-04-03 05:25:45

End at: 2018-04-03 05:26:15

Local clock offset: -2.288 ms

Remote clock offset: 4.573 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 84.976 ms

Loss rate: 0.23%

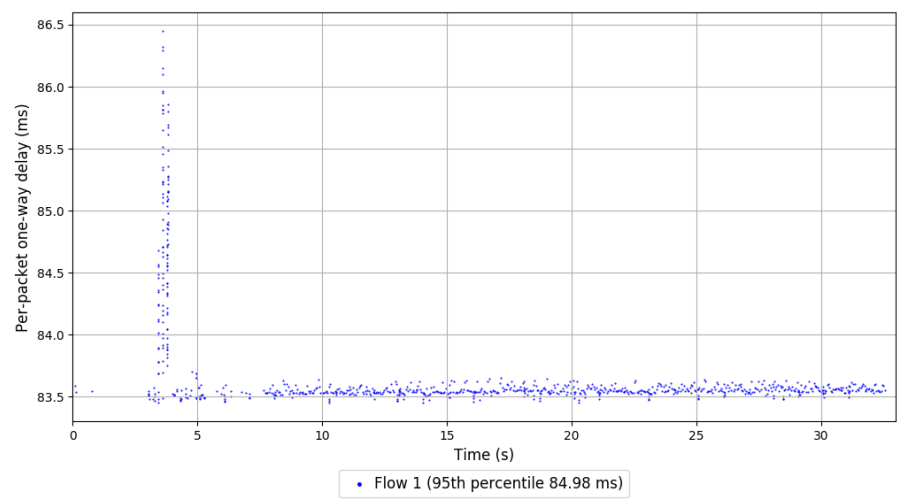
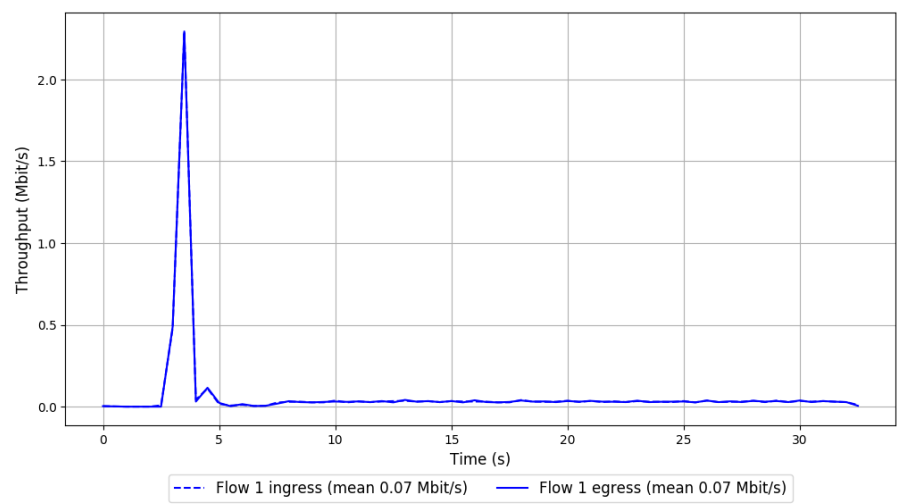
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 84.976 ms

Loss rate: 0.23%

Run 3: Report of WebRTC media — Data Link

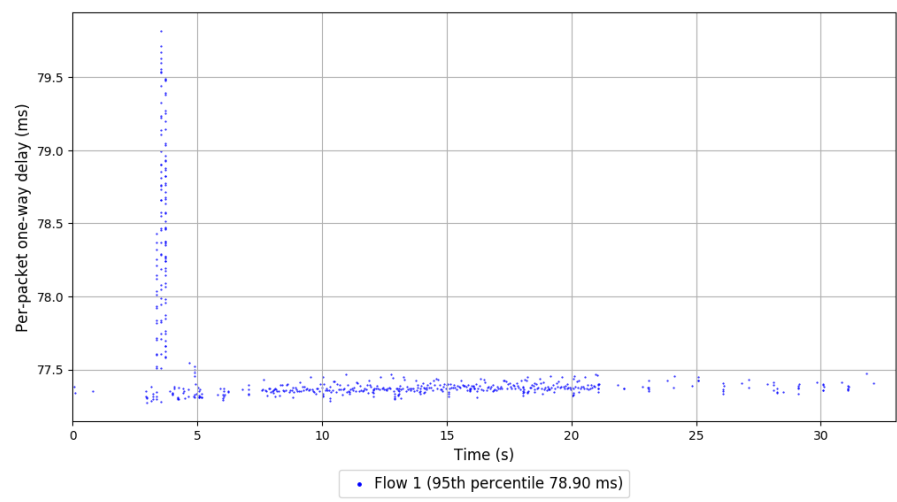
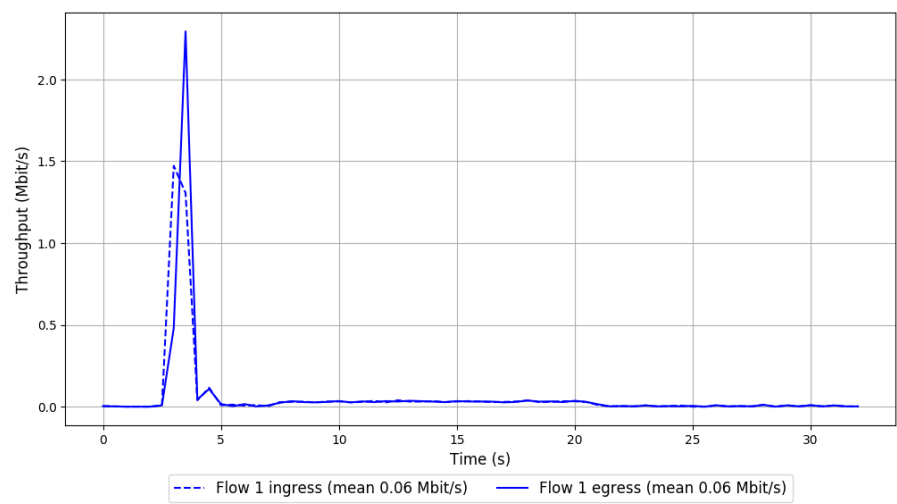


Run 4: Statistics of WebRTC media

Start at: 2018-04-03 05:48:00
End at: 2018-04-03 05:48:30
Local clock offset: -2.489 ms
Remote clock offset: 11.116 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 78.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 78.901 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-04-03 06:10:11

End at: 2018-04-03 06:10:41

Local clock offset: -6.467 ms

Remote clock offset: 7.258 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 84.846 ms

Loss rate: 0.23%

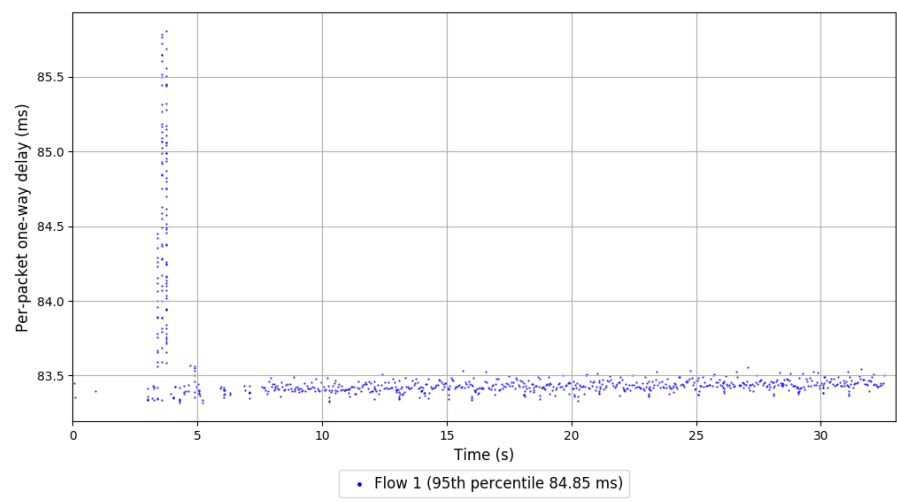
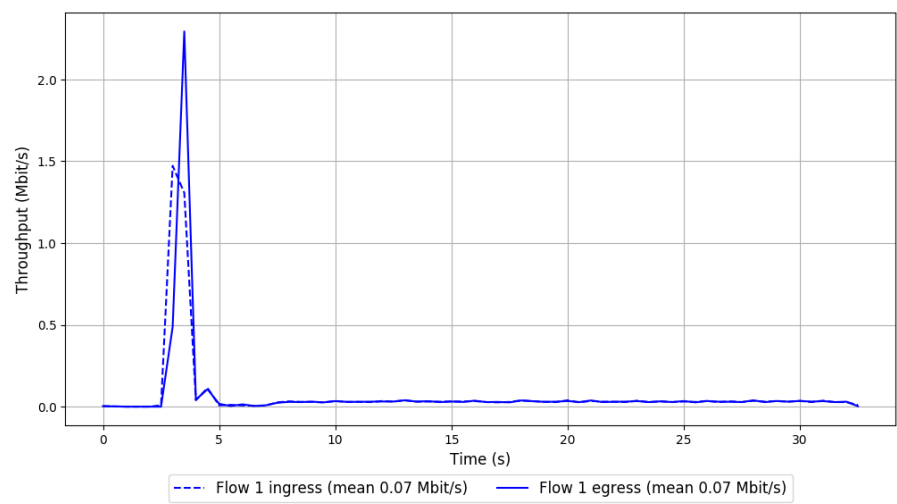
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 84.846 ms

Loss rate: 0.23%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-04-03 06:32:27

End at: 2018-04-03 06:32:57

Local clock offset: -6.989 ms

Remote clock offset: 5.78 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 87.917 ms

Loss rate: 0.00%

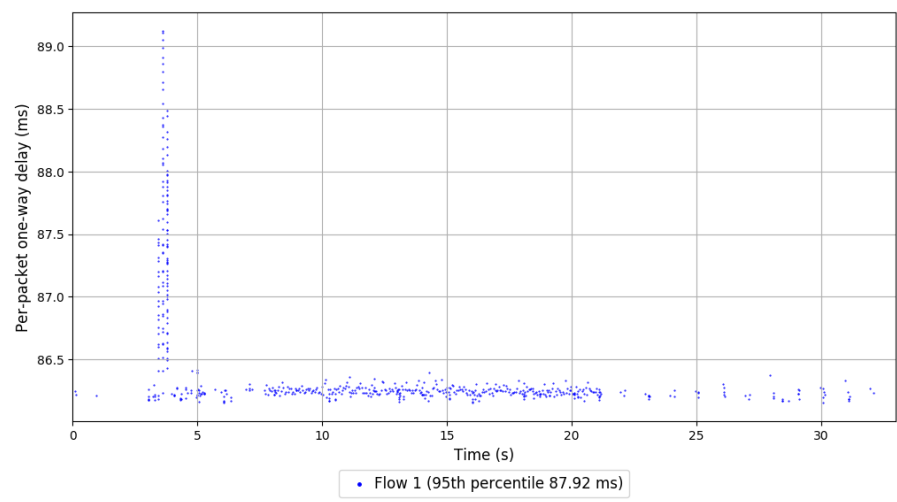
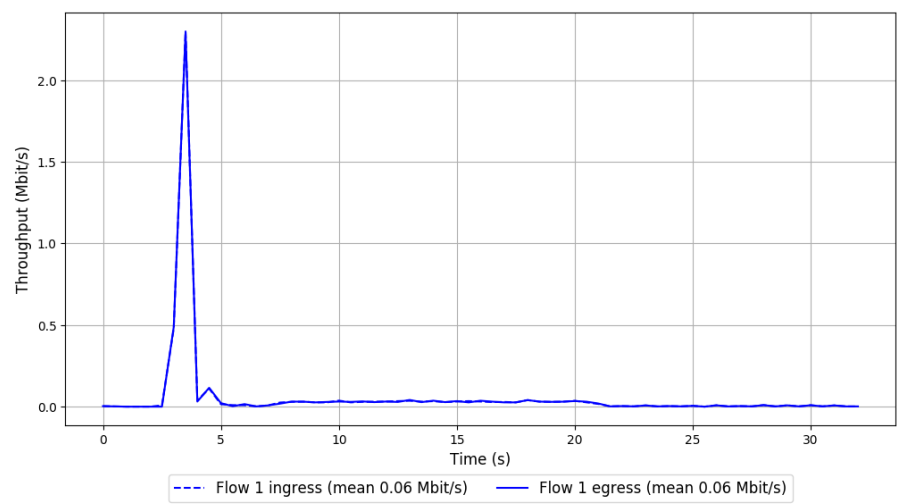
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 87.917 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

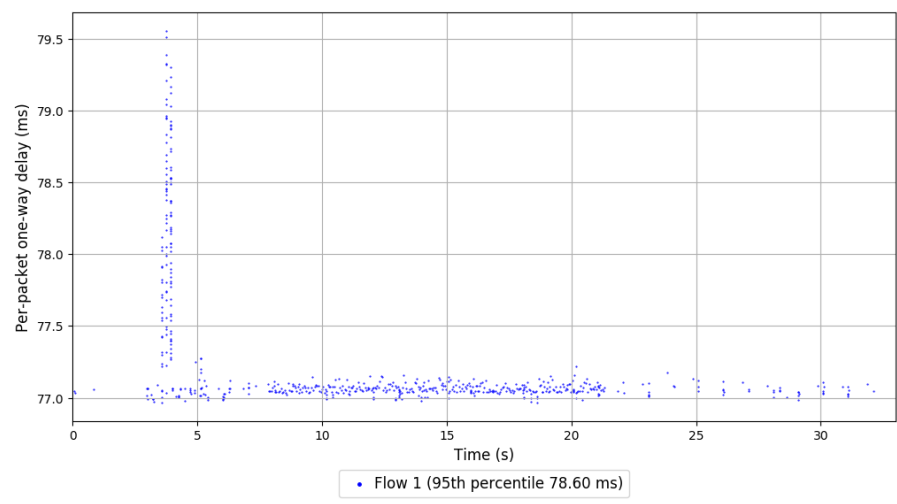
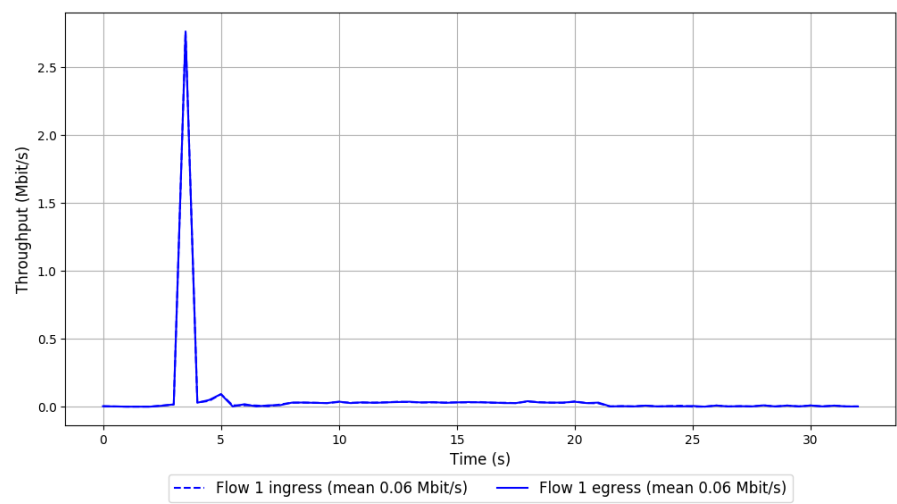


Run 7: Statistics of WebRTC media

Start at: 2018-04-03 06:54:40
End at: 2018-04-03 06:55:10
Local clock offset: -7.319 ms
Remote clock offset: 12.991 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 78.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 78.602 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

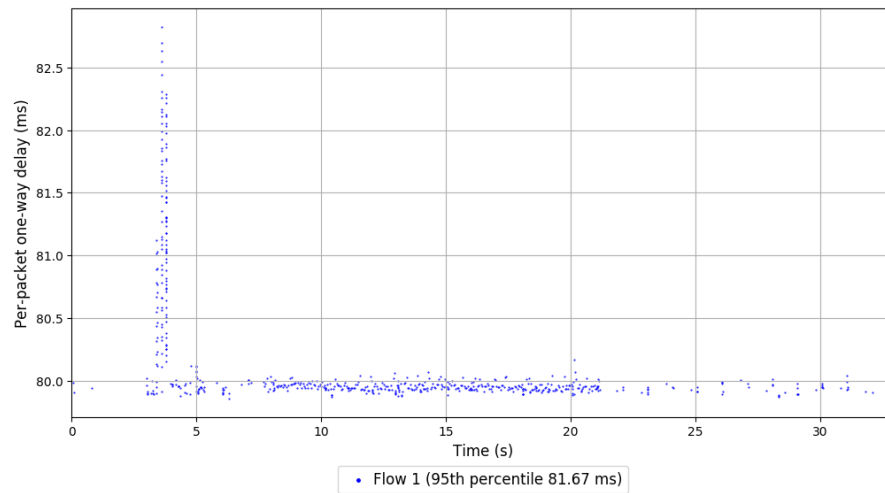
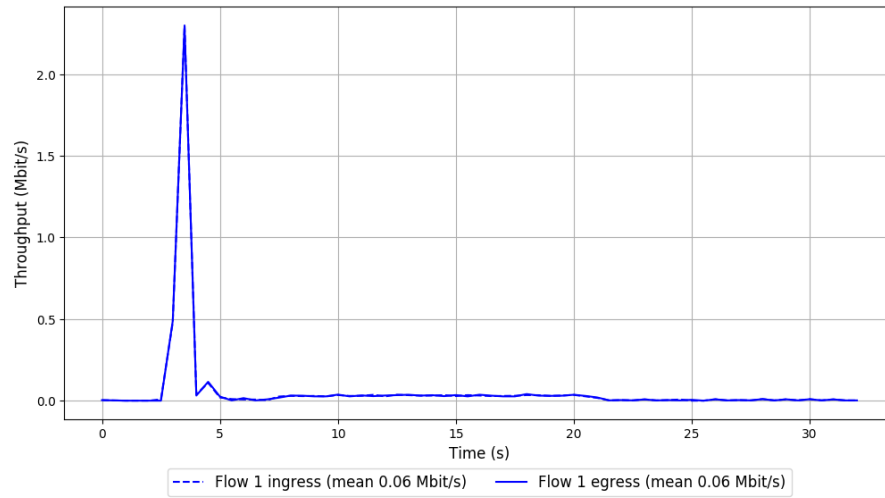


Run 8: Statistics of WebRTC media

Start at: 2018-04-03 07:16:56
End at: 2018-04-03 07:17:26
Local clock offset: -5.802 ms
Remote clock offset: 12.162 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 81.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 81.670 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-04-03 07:39:10

End at: 2018-04-03 07:39:40

Local clock offset: -5.955 ms

Remote clock offset: 4.876 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 85.513 ms

Loss rate: 0.17%

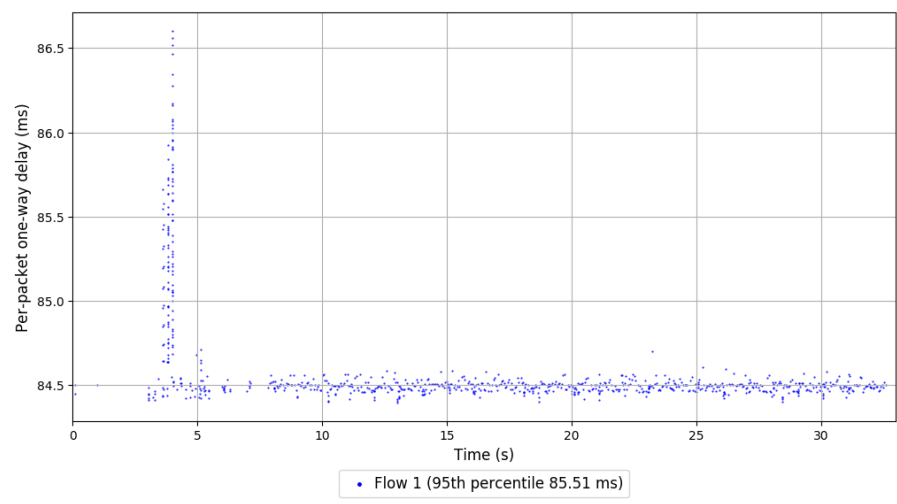
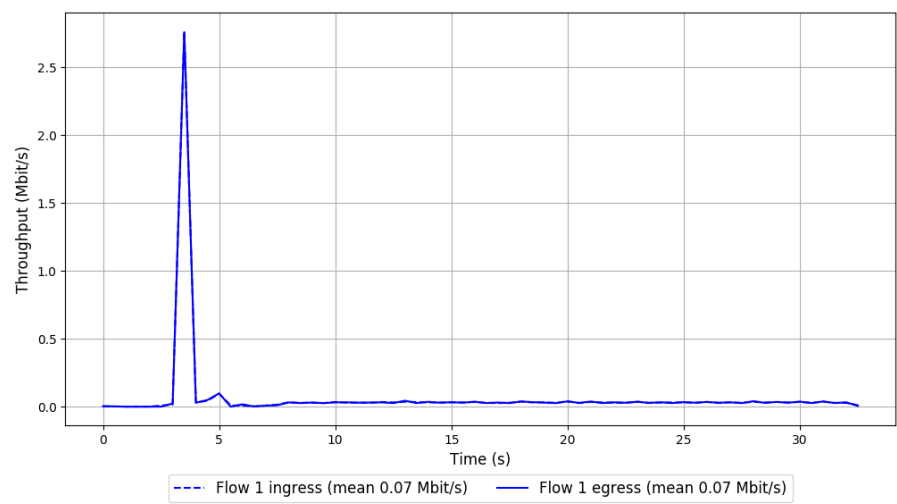
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 85.513 ms

Loss rate: 0.17%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-04-03 08:01:35

End at: 2018-04-03 08:02:05

Local clock offset: -6.269 ms

Remote clock offset: 10.6 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 78.450 ms

Loss rate: 0.17%

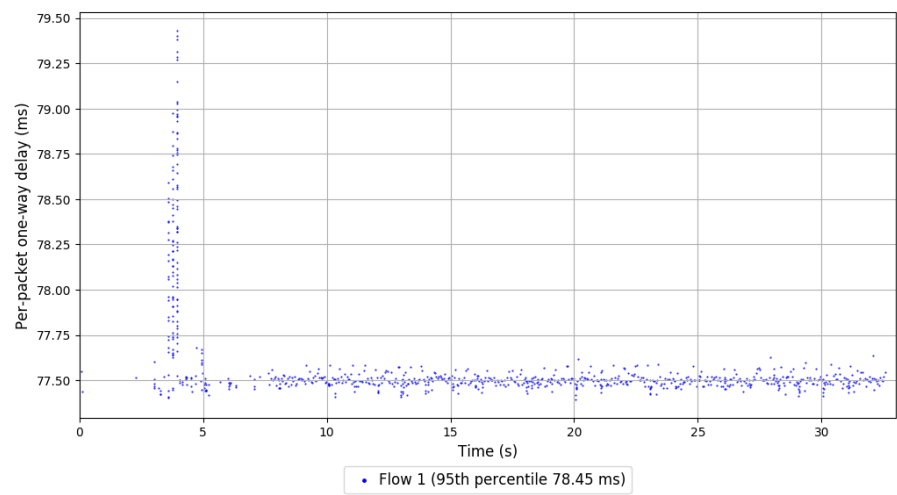
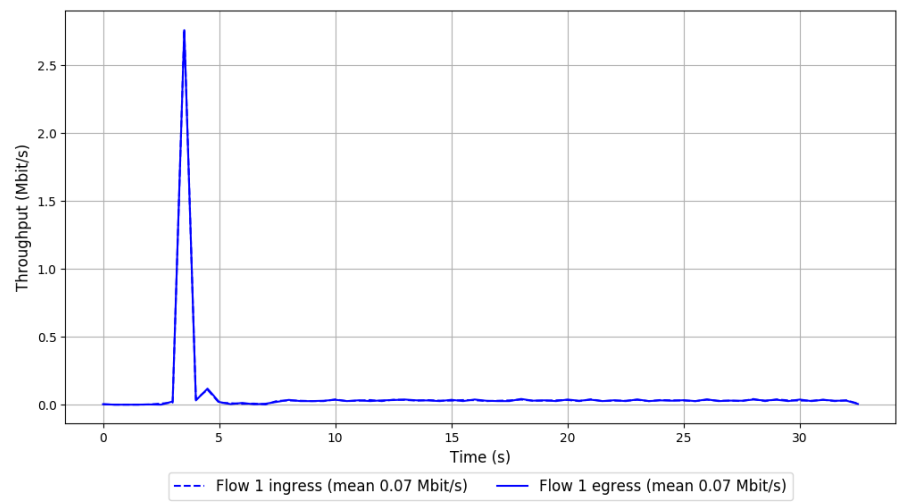
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 78.450 ms

Loss rate: 0.17%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-04-03 04:28:59

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

Local clock offset: -5.602 ms

Remote clock offset: 5.474 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.07 Mbit/s

95th percentile per-packet one-way delay: 94.697 ms

Loss rate: 0.63%

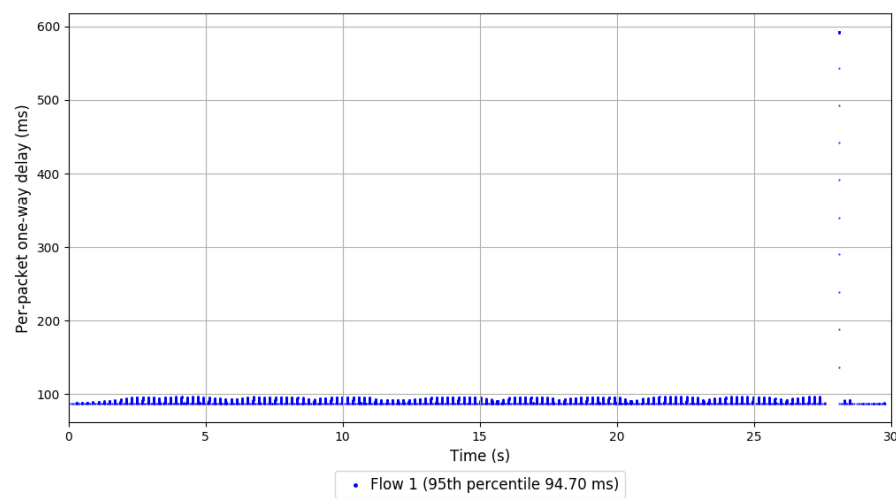
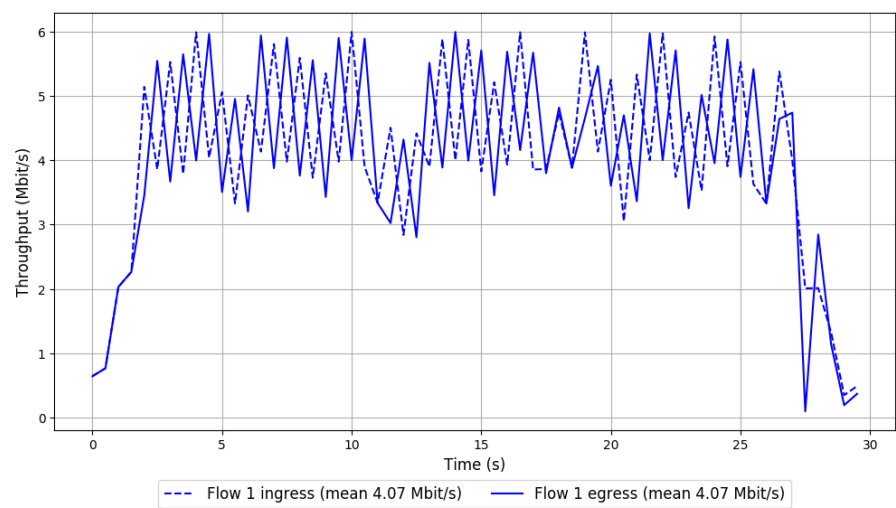
-- Flow 1:

Average throughput: 4.07 Mbit/s

95th percentile per-packet one-way delay: 94.697 ms

Loss rate: 0.63%

Run 1: Report of Sprout — Data Link

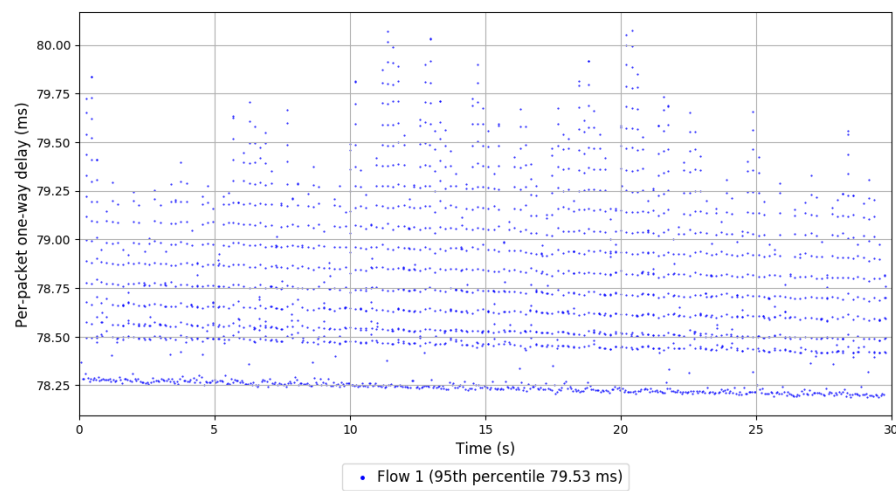
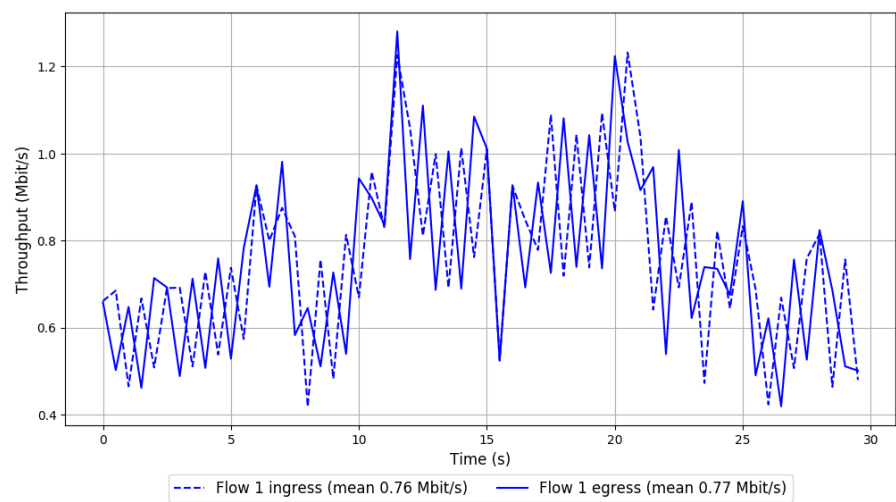


Run 2: Statistics of Sprout

Start at: 2018-04-03 04:51:16
End at: 2018-04-03 04:51:46
Local clock offset: -3.138 ms
Remote clock offset: 11.185 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 79.525 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 79.525 ms
Loss rate: 0.50%

Run 2: Report of Sprout — Data Link

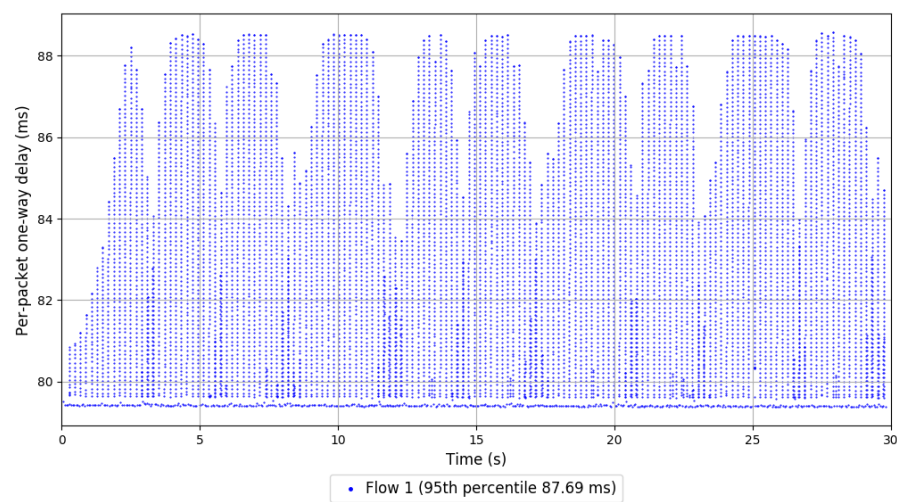
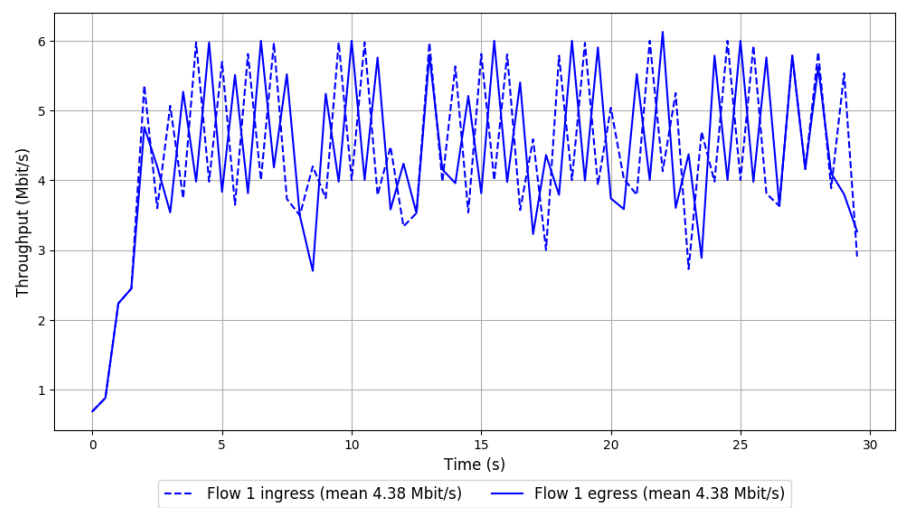


Run 3: Statistics of Sprout

Start at: 2018-04-03 05:13:27
End at: 2018-04-03 05:13:57
Local clock offset: -1.049 ms
Remote clock offset: 11.041 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 87.686 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 87.686 ms
Loss rate: 0.53%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-04-03 05:35:41

End at: 2018-04-03 05:36:11

Local clock offset: -2.565 ms

Remote clock offset: 4.547 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.20 Mbit/s

95th percentile per-packet one-way delay: 94.279 ms

Loss rate: 0.33%

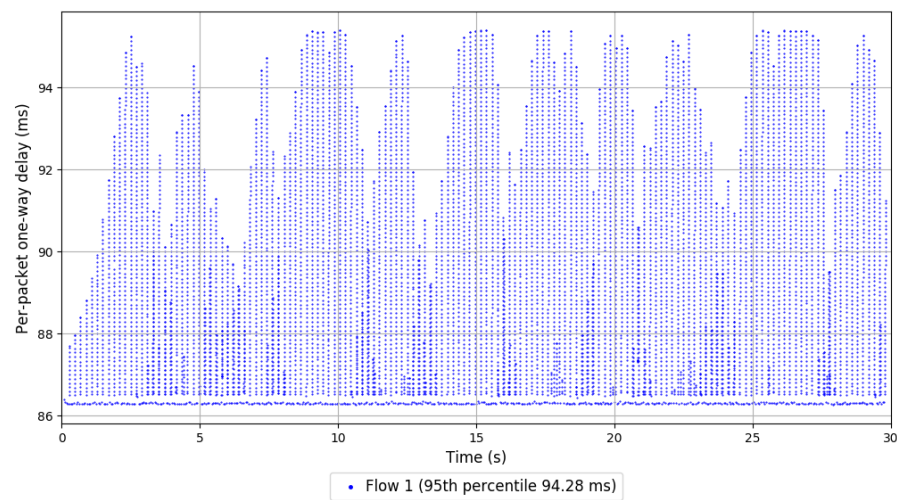
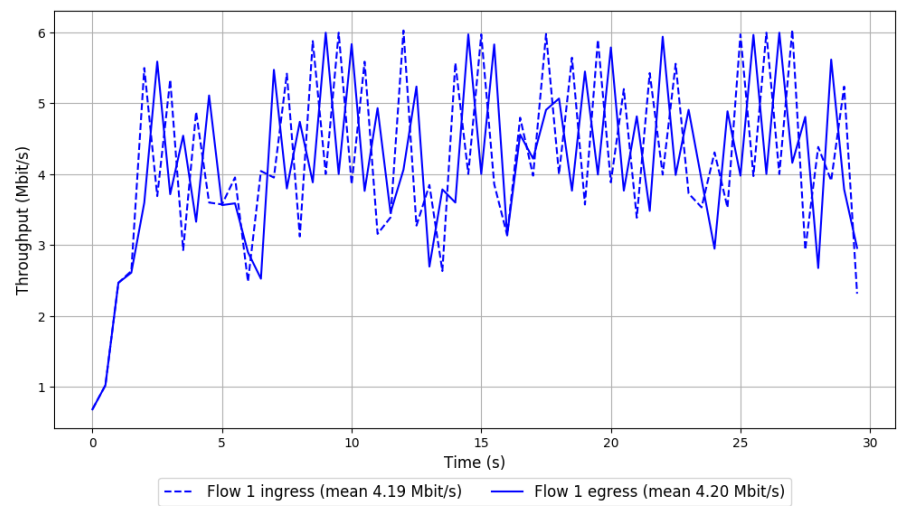
-- Flow 1:

Average throughput: 4.20 Mbit/s

95th percentile per-packet one-way delay: 94.279 ms

Loss rate: 0.33%

Run 4: Report of Sprout — Data Link

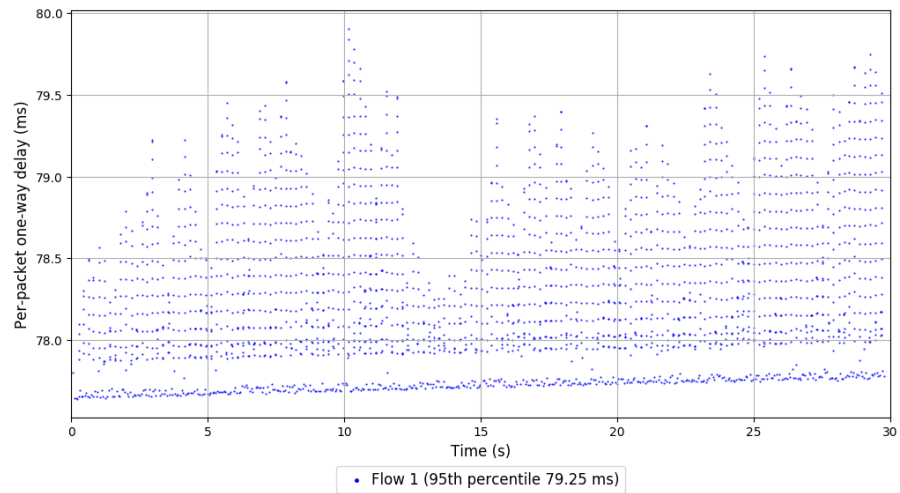
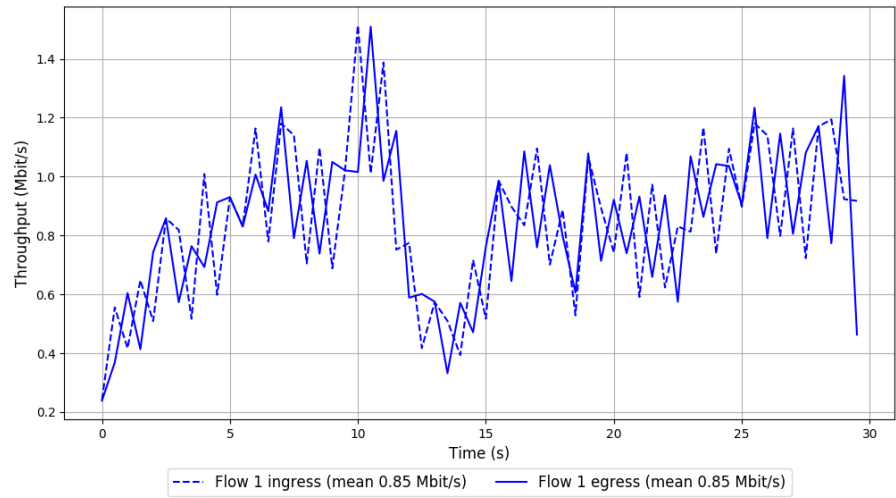


Run 5: Statistics of Sprout

Start at: 2018-04-03 05:57:55
End at: 2018-04-03 05:58:25
Local clock offset: -4.891 ms
Remote clock offset: 12.042 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 79.248 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 79.248 ms
Loss rate: 0.90%

Run 5: Report of Sprout — Data Link

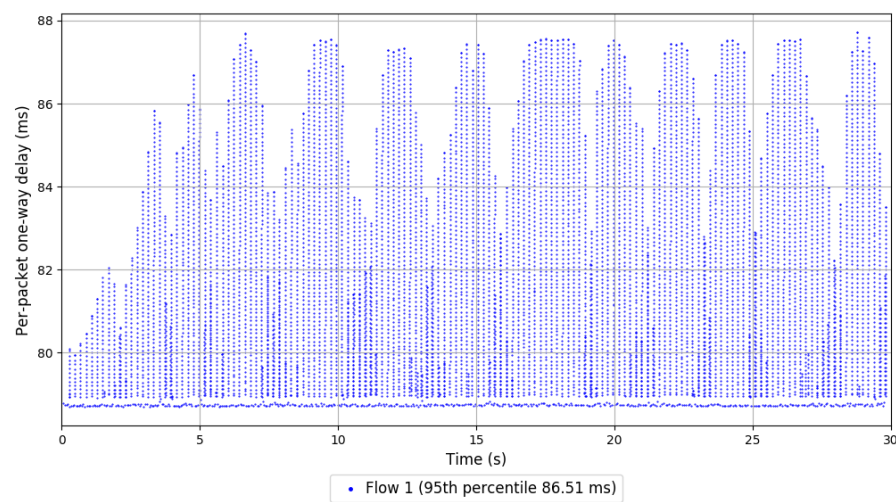
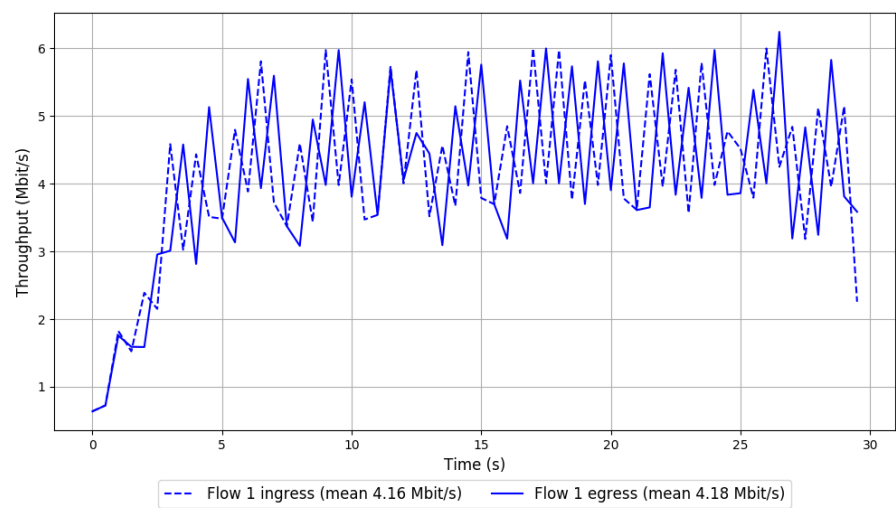


Run 6: Statistics of Sprout

Start at: 2018-04-03 06:20:08
End at: 2018-04-03 06:20:38
Local clock offset: -7.039 ms
Remote clock offset: 13.743 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 86.511 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 86.511 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-04-03 06:42:23

End at: 2018-04-03 06:42:53

Local clock offset: -7.057 ms

Remote clock offset: 5.659 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.32 Mbit/s

95th percentile per-packet one-way delay: 92.650 ms

Loss rate: 0.59%

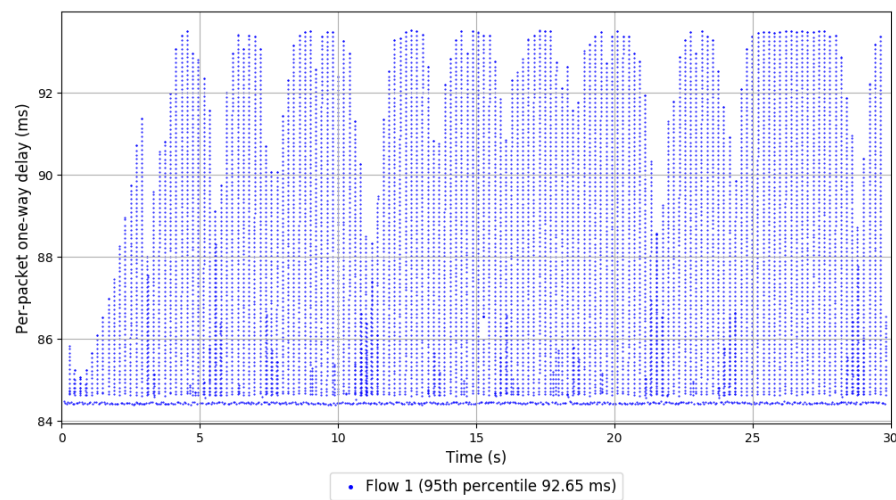
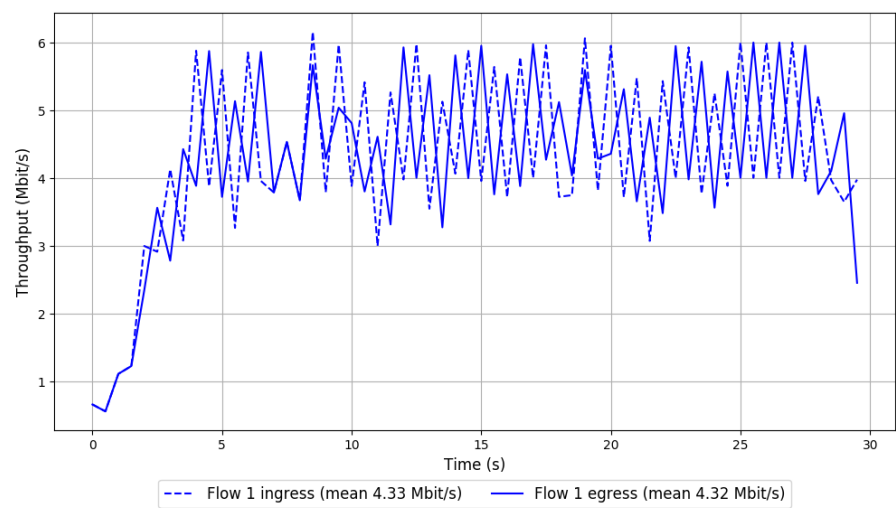
-- Flow 1:

Average throughput: 4.32 Mbit/s

95th percentile per-packet one-way delay: 92.650 ms

Loss rate: 0.59%

Run 7: Report of Sprout — Data Link

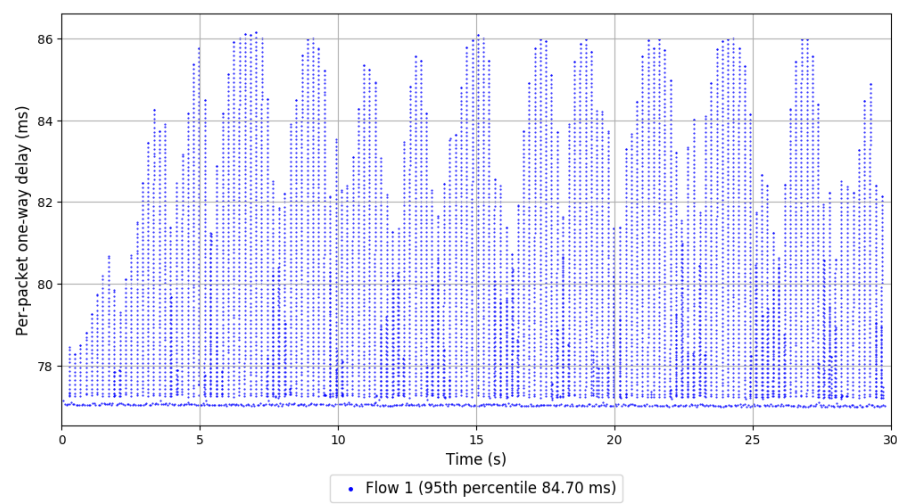
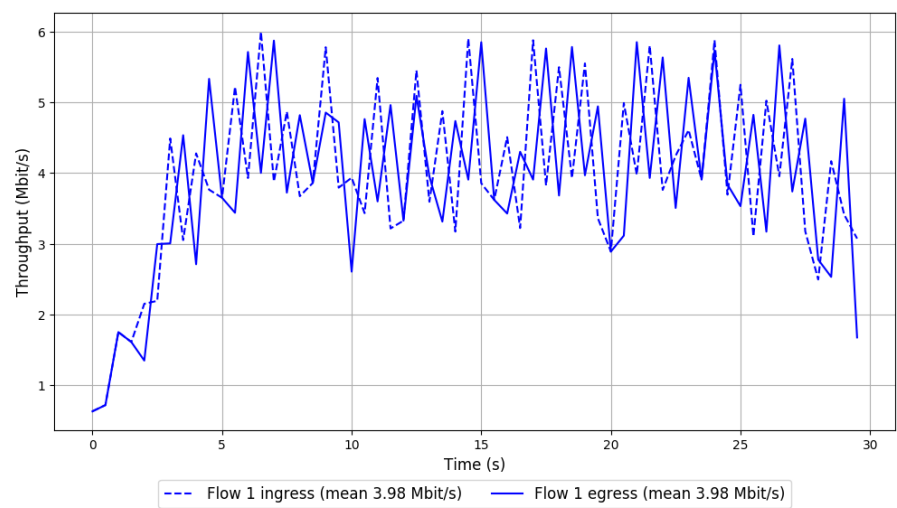


Run 8: Statistics of Sprout

Start at: 2018-04-03 07:04:36
End at: 2018-04-03 07:05:06
Local clock offset: -6.487 ms
Remote clock offset: 12.103 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 84.704 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 84.704 ms
Loss rate: 0.59%

Run 8: Report of Sprout — Data Link

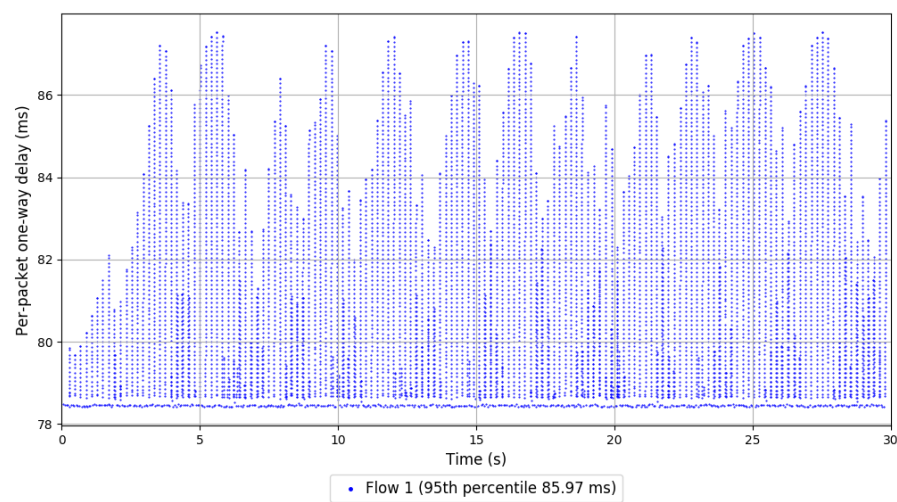
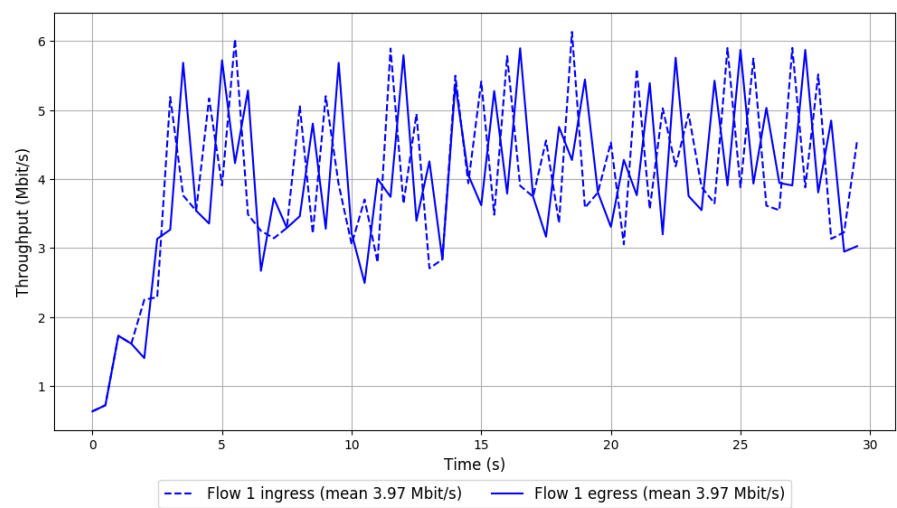


Run 9: Statistics of Sprout

Start at: 2018-04-03 07:26:53
End at: 2018-04-03 07:27:23
Local clock offset: -5.567 ms
Remote clock offset: 11.233 ms

Below is generated by plot.py at 2018-04-03 12:01:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 85.969 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 85.969 ms
Loss rate: 0.76%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-04-03 07:49:03

End at: 2018-04-03 07:49:33

Local clock offset: -6.275 ms

Remote clock offset: 4.475 ms

Below is generated by plot.py at 2018-04-03 12:01:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.15 Mbit/s

95th percentile per-packet one-way delay: 91.557 ms

Loss rate: 0.88%

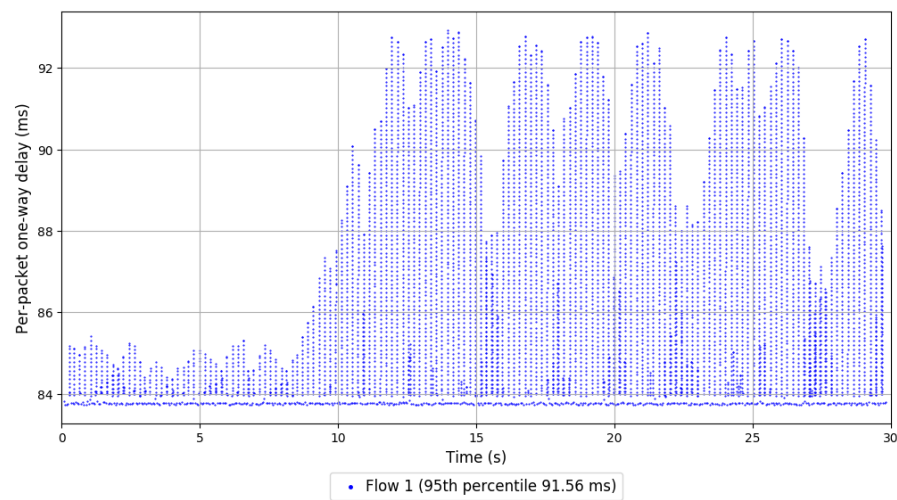
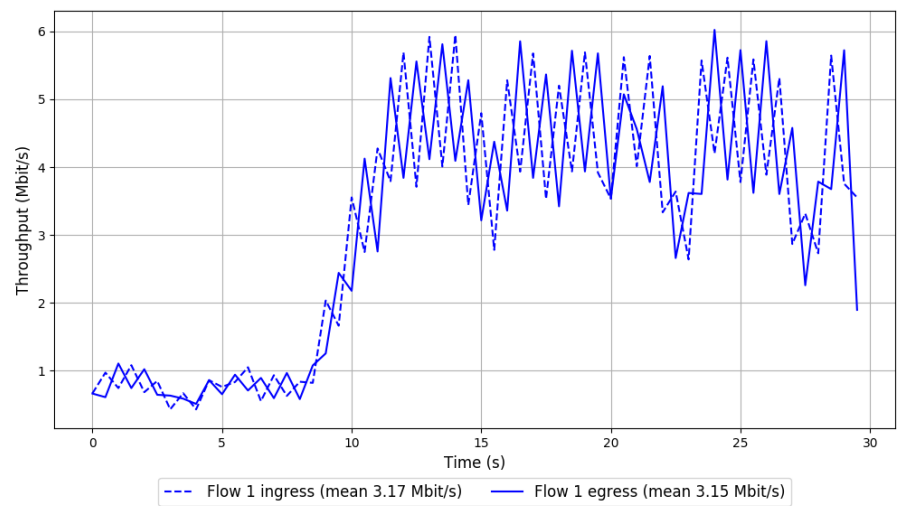
-- Flow 1:

Average throughput: 3.15 Mbit/s

95th percentile per-packet one-way delay: 91.557 ms

Loss rate: 0.88%

Run 10: Report of Sprout — Data Link

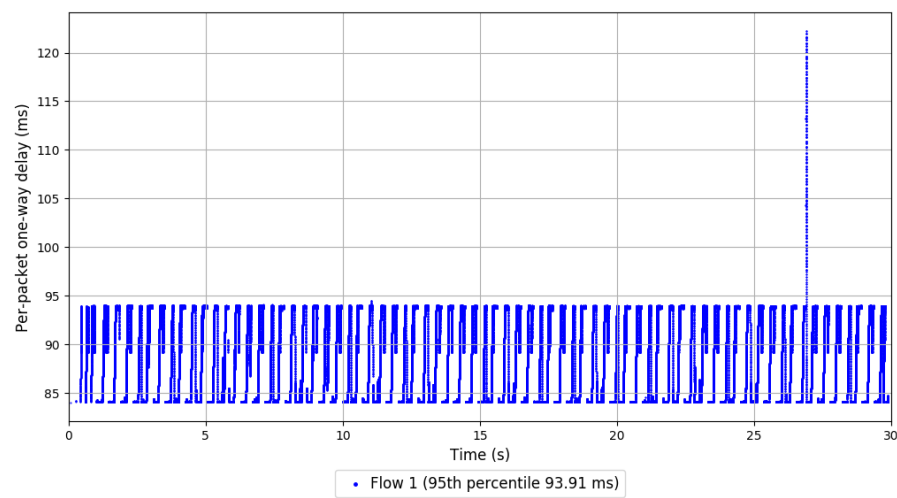
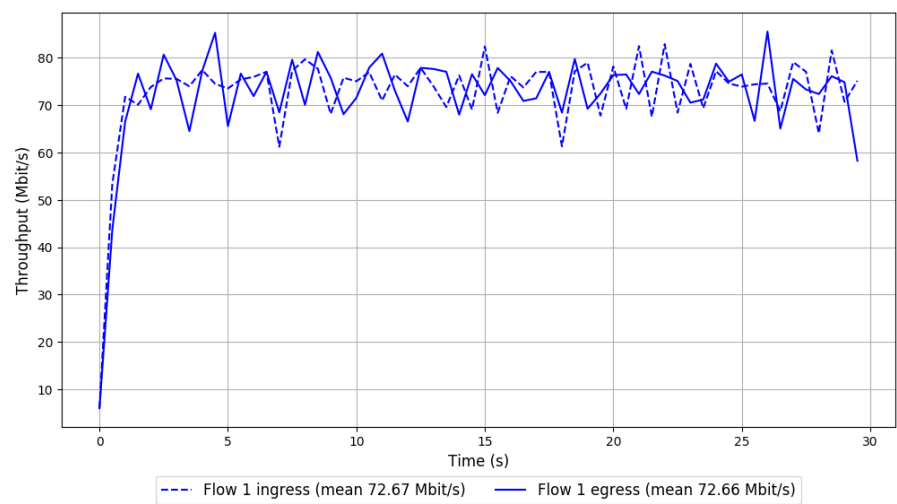


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-04-03 04:27:41
End at: 2018-04-03 04:28:11
Local clock offset: -5.565 ms
Remote clock offset: 5.489 ms

# Below is generated by plot.py at 2018-04-03 12:02:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 93.905 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 93.905 ms
Loss rate: 0.64%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-04-03 04:49:58

End at: 2018-04-03 04:50:28

Local clock offset: -3.351 ms

Remote clock offset: 5.886 ms

Below is generated by plot.py at 2018-04-03 12:02:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.78 Mbit/s

95th percentile per-packet one-way delay: 92.590 ms

Loss rate: 0.68%

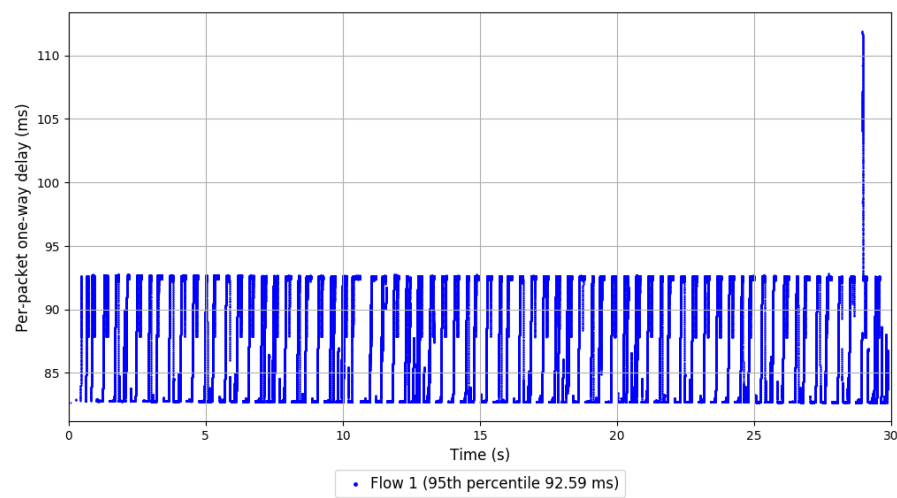
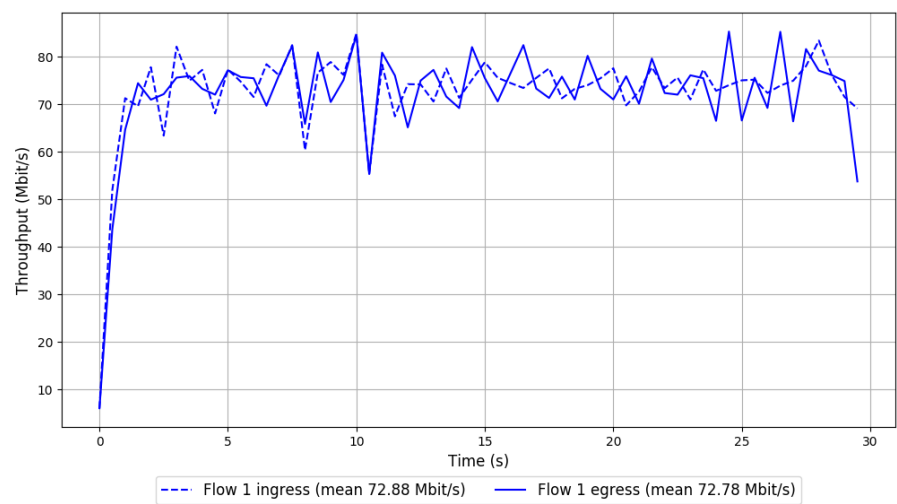
-- Flow 1:

Average throughput: 72.78 Mbit/s

95th percentile per-packet one-way delay: 92.590 ms

Loss rate: 0.68%

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

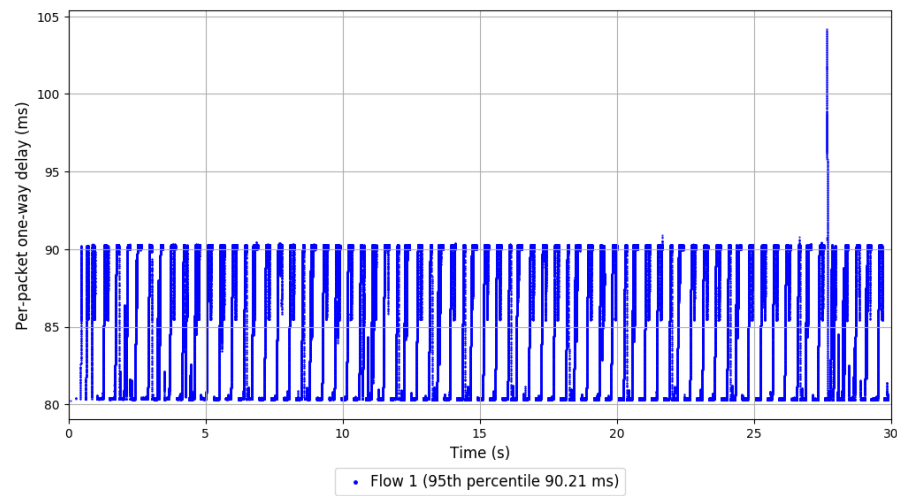
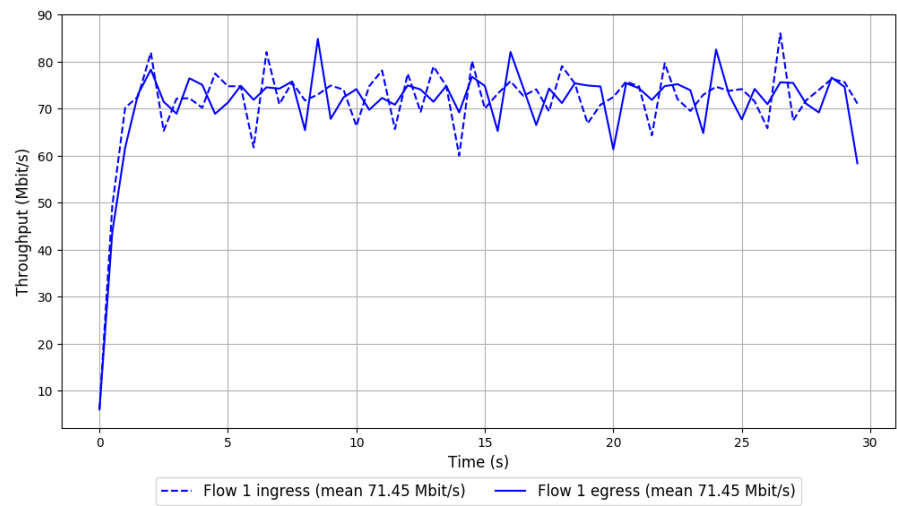


Run 3: Statistics of TaoVA-100x

Start at: 2018-04-03 05:12:11
End at: 2018-04-03 05:12:41
Local clock offset: -1.131 ms
Remote clock offset: 11.078 ms

Below is generated by plot.py at 2018-04-03 12:02:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.45 Mbit/s
95th percentile per-packet one-way delay: 90.208 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 71.45 Mbit/s
95th percentile per-packet one-way delay: 90.208 ms
Loss rate: 0.65%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-04-03 05:34:24

End at: 2018-04-03 05:34:54

Local clock offset: -2.624 ms

Remote clock offset: 4.592 ms

Below is generated by plot.py at 2018-04-03 12:02:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.31 Mbit/s

95th percentile per-packet one-way delay: 95.763 ms

Loss rate: 0.85%

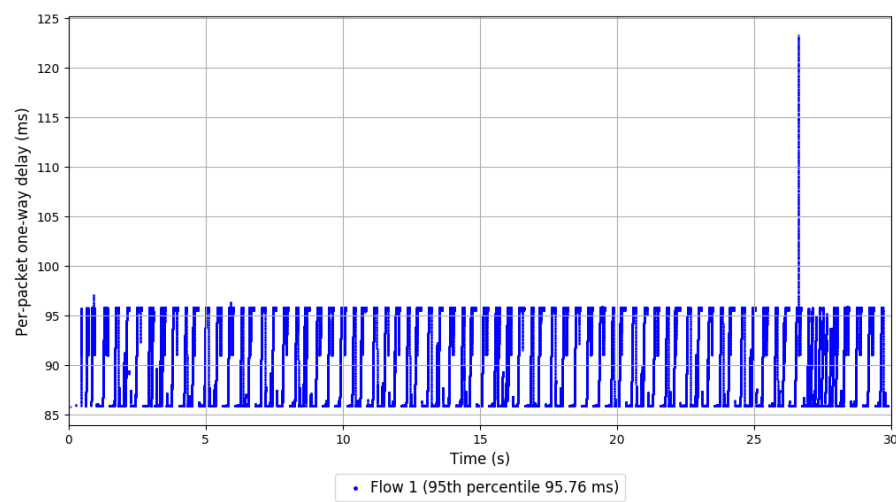
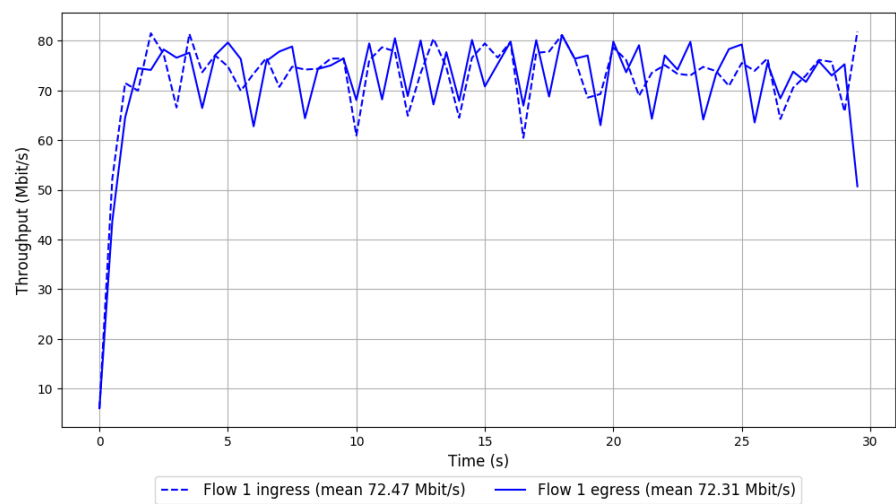
-- Flow 1:

Average throughput: 72.31 Mbit/s

95th percentile per-packet one-way delay: 95.763 ms

Loss rate: 0.85%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-04-03 05:56:39

End at: 2018-04-03 05:57:09

Local clock offset: -4.637 ms

Remote clock offset: 5.705 ms

Below is generated by plot.py at 2018-04-03 12:02:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.48 Mbit/s

95th percentile per-packet one-way delay: 94.849 ms

Loss rate: 0.59%

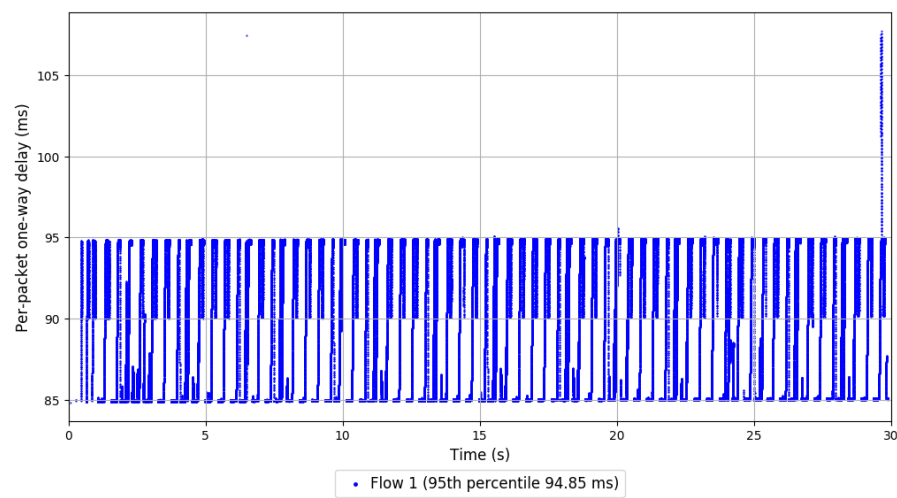
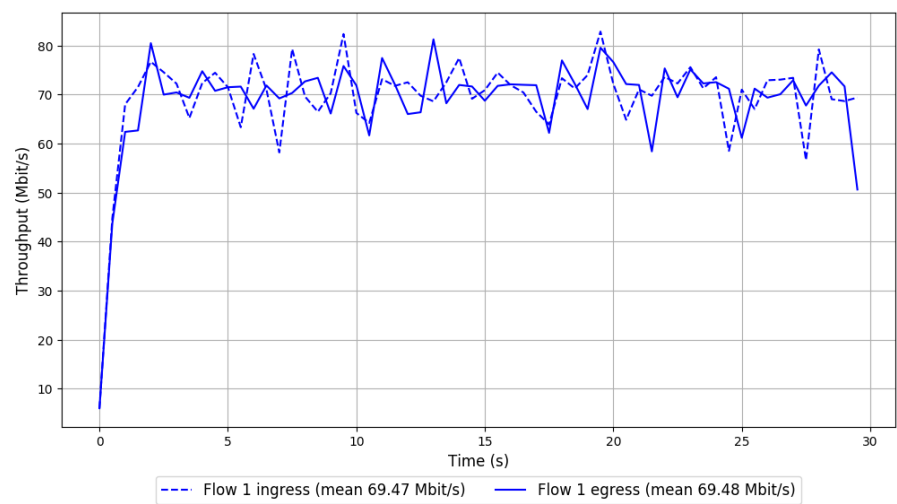
-- Flow 1:

Average throughput: 69.48 Mbit/s

95th percentile per-packet one-way delay: 94.849 ms

Loss rate: 0.59%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-04-03 06:18:51

End at: 2018-04-03 06:19:21

Local clock offset: -7.048 ms

Remote clock offset: 13.79 ms

Below is generated by plot.py at 2018-04-03 12:02:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.02 Mbit/s

95th percentile per-packet one-way delay: 86.478 ms

Loss rate: 0.56%

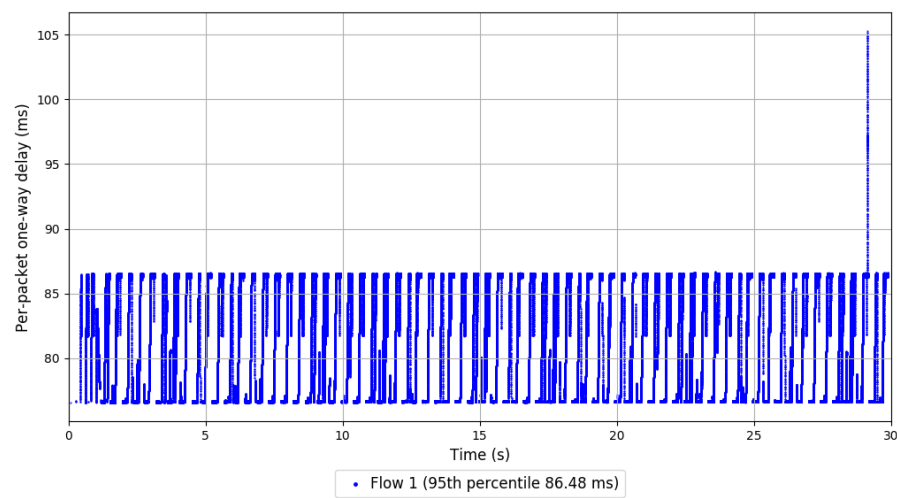
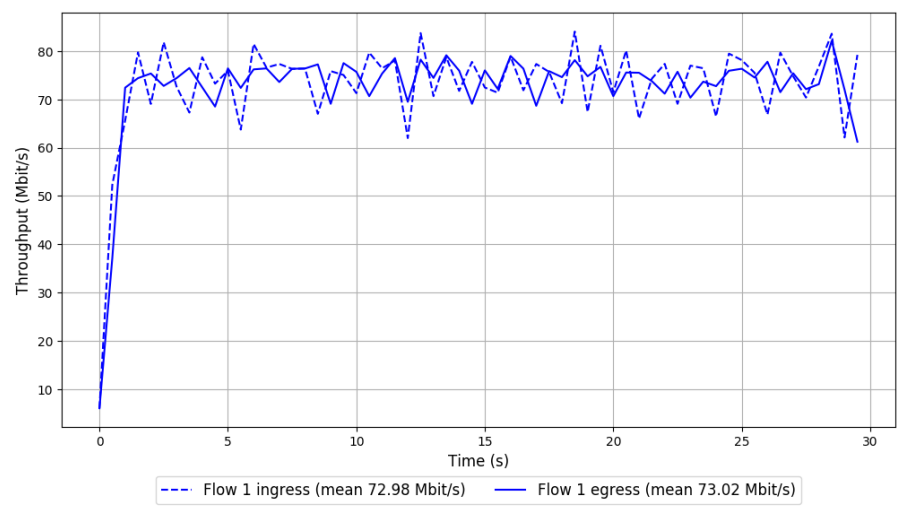
-- Flow 1:

Average throughput: 73.02 Mbit/s

95th percentile per-packet one-way delay: 86.478 ms

Loss rate: 0.56%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-04-03 06:41:06

End at: 2018-04-03 06:41:36

Local clock offset: -7.03 ms

Remote clock offset: 5.644 ms

Below is generated by plot.py at 2018-04-03 12:02:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.48 Mbit/s

95th percentile per-packet one-way delay: 93.886 ms

Loss rate: 0.58%

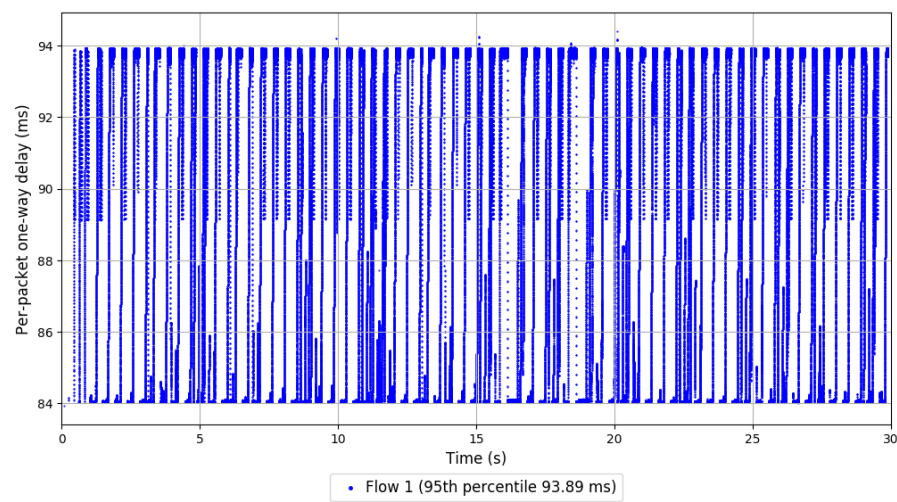
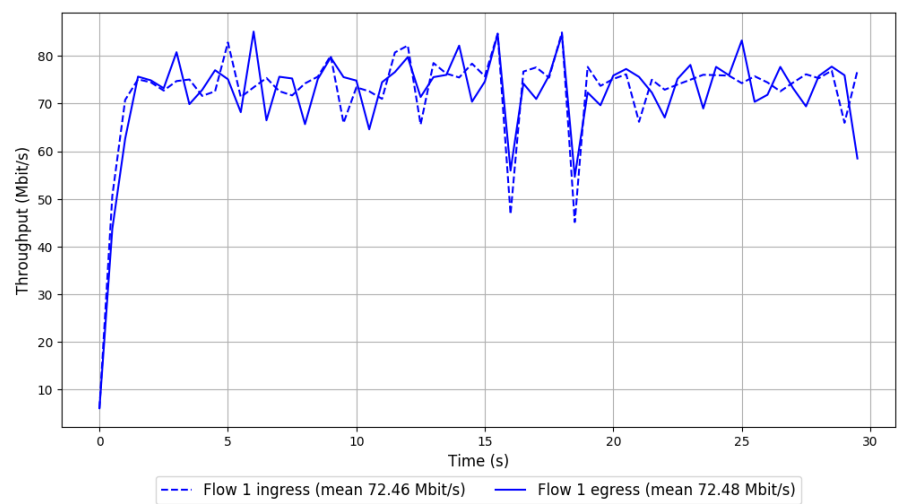
-- Flow 1:

Average throughput: 72.48 Mbit/s

95th percentile per-packet one-way delay: 93.886 ms

Loss rate: 0.58%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-04-03 07:03:19

End at: 2018-04-03 07:03:49

Local clock offset: -6.707 ms

Remote clock offset: 6.655 ms

Below is generated by plot.py at 2018-04-03 12:03:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.59 Mbit/s

95th percentile per-packet one-way delay: 93.245 ms

Loss rate: 0.56%

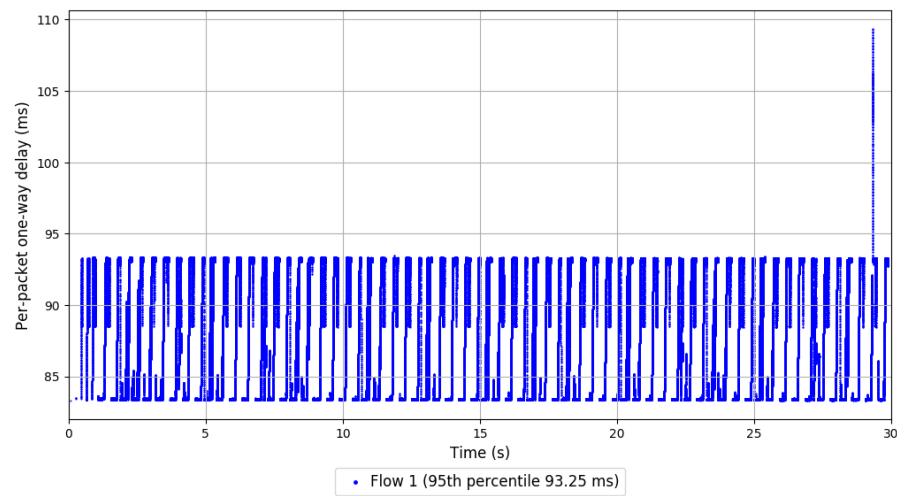
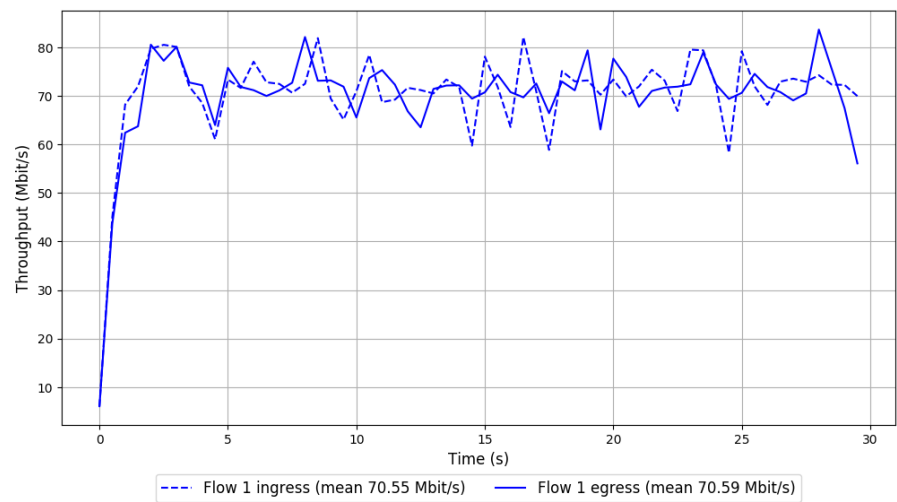
-- Flow 1:

Average throughput: 70.59 Mbit/s

95th percentile per-packet one-way delay: 93.245 ms

Loss rate: 0.56%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-04-03 07:25:36

End at: 2018-04-03 07:26:06

Local clock offset: -5.592 ms

Remote clock offset: 5.802 ms

Below is generated by plot.py at 2018-04-03 12:04:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.16 Mbit/s

95th percentile per-packet one-way delay: 94.132 ms

Loss rate: 0.58%

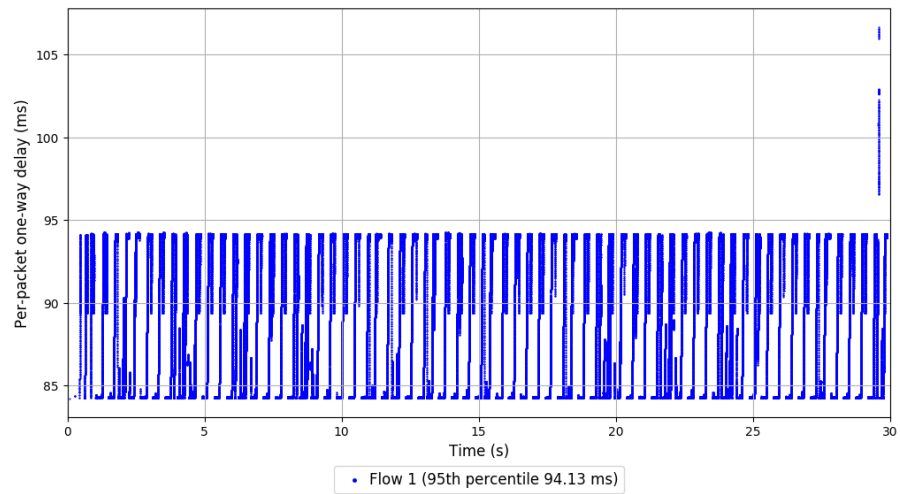
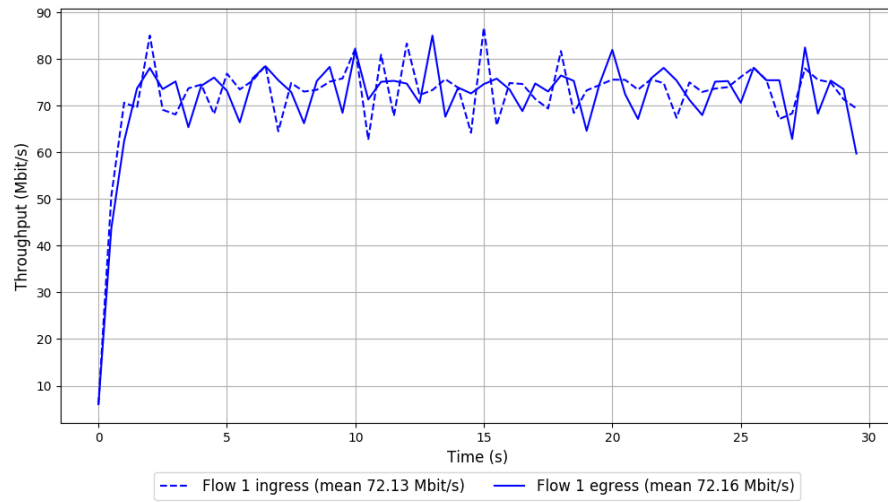
-- Flow 1:

Average throughput: 72.16 Mbit/s

95th percentile per-packet one-way delay: 94.132 ms

Loss rate: 0.58%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-04-03 07:47:46

End at: 2018-04-03 07:48:16

Local clock offset: -6.163 ms

Remote clock offset: 10.866 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.77 Mbit/s

95th percentile per-packet one-way delay: 89.851 ms

Loss rate: 0.62%

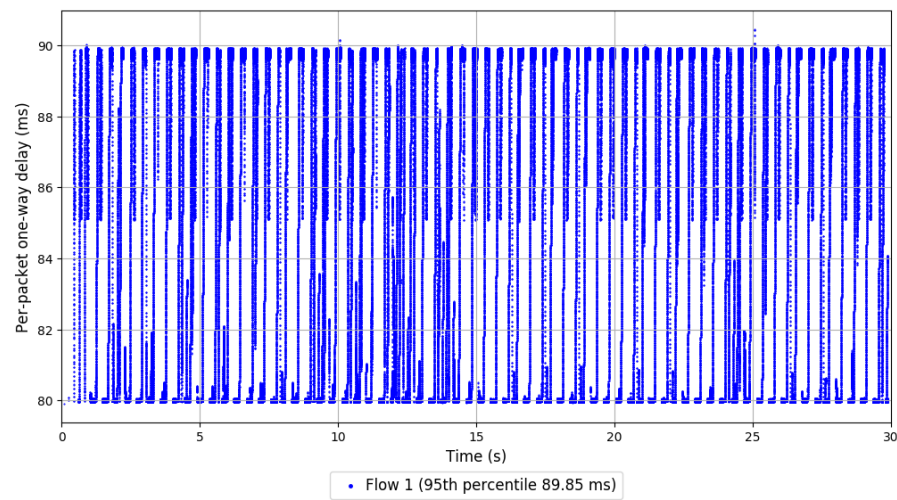
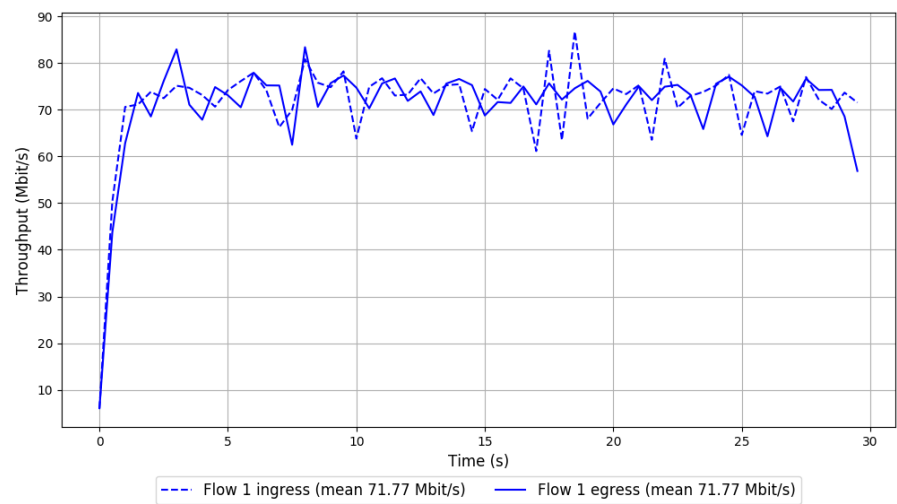
-- Flow 1:

Average throughput: 71.77 Mbit/s

95th percentile per-packet one-way delay: 89.851 ms

Loss rate: 0.62%

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

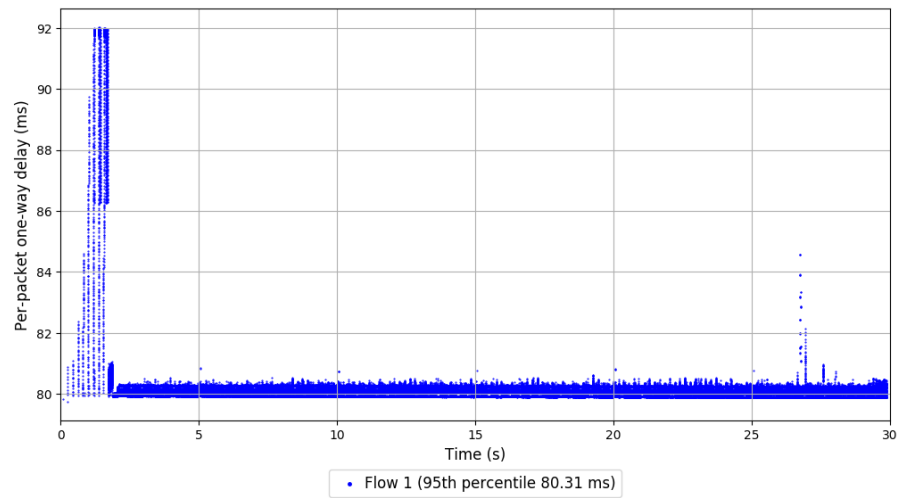
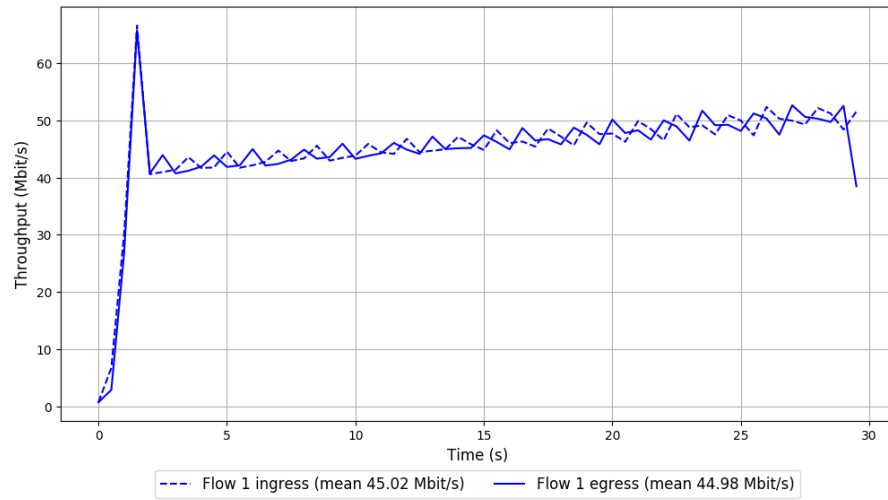


Run 1: Statistics of TCP Vegas

Start at: 2018-04-03 04:38:48
End at: 2018-04-03 04:39:18
Local clock offset: -5.448 ms
Remote clock offset: 11.921 ms

Below is generated by plot.py at 2018-04-03 12:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 80.305 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 80.305 ms
Loss rate: 0.70%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-04-03 05:01:04

End at: 2018-04-03 05:01:34

Local clock offset: -1.988 ms

Remote clock offset: 5.679 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.39 Mbit/s

95th percentile per-packet one-way delay: 86.394 ms

Loss rate: 0.69%

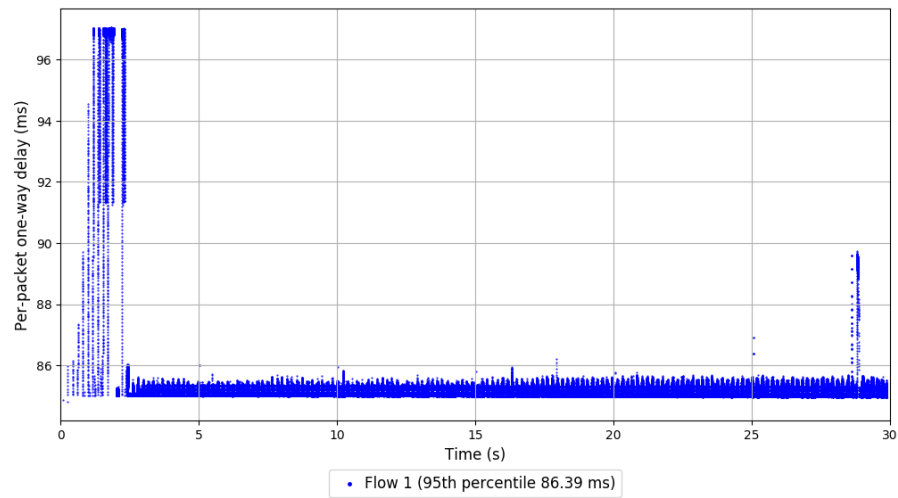
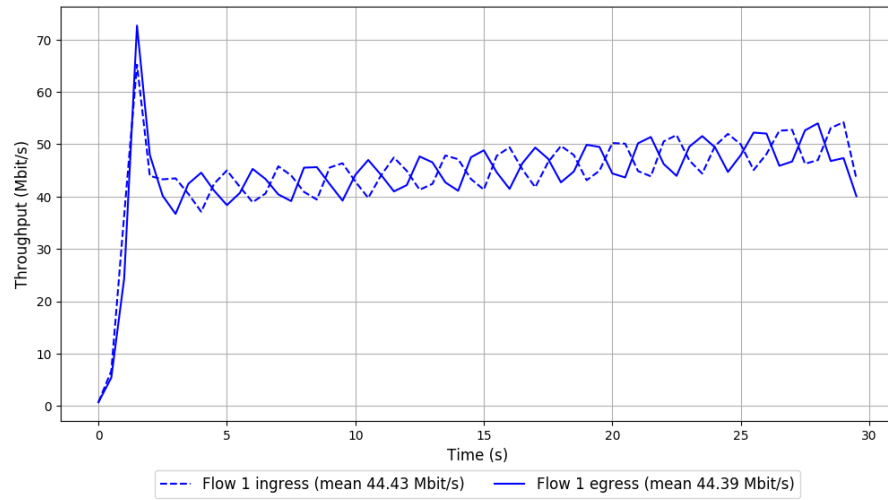
-- Flow 1:

Average throughput: 44.39 Mbit/s

95th percentile per-packet one-way delay: 86.394 ms

Loss rate: 0.69%

Run 2: Report of TCP Vegas — Data Link

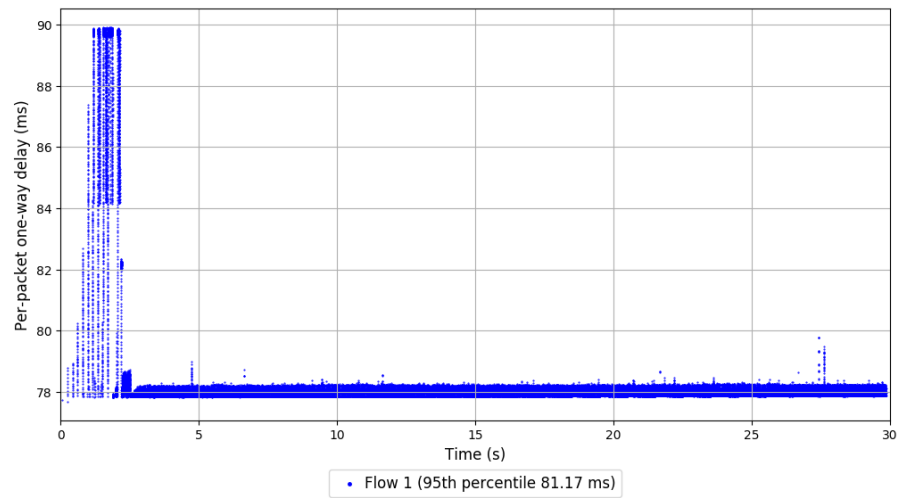
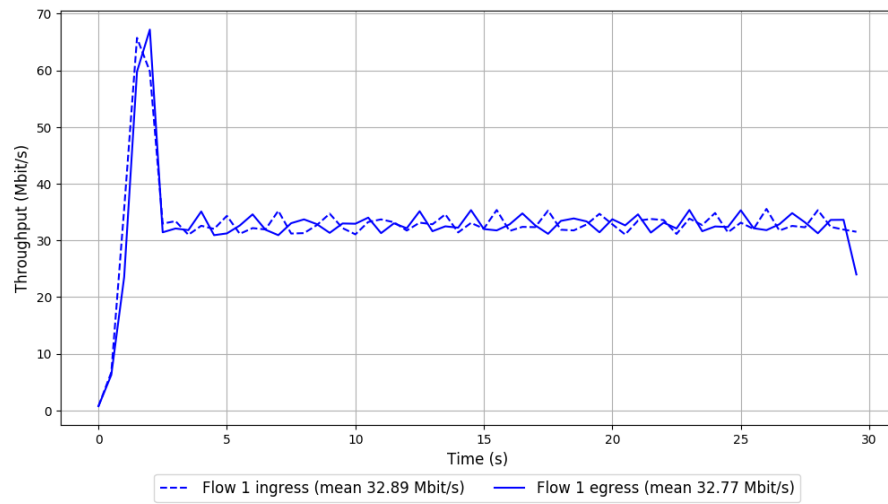


Run 3: Statistics of TCP Vegas

Start at: 2018-04-03 05:23:17
End at: 2018-04-03 05:23:47
Local clock offset: -2.11 ms
Remote clock offset: 10.945 ms

Below is generated by plot.py at 2018-04-03 12:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.77 Mbit/s
95th percentile per-packet one-way delay: 81.172 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 32.77 Mbit/s
95th percentile per-packet one-way delay: 81.172 ms
Loss rate: 0.98%

Run 3: Report of TCP Vegas — Data Link

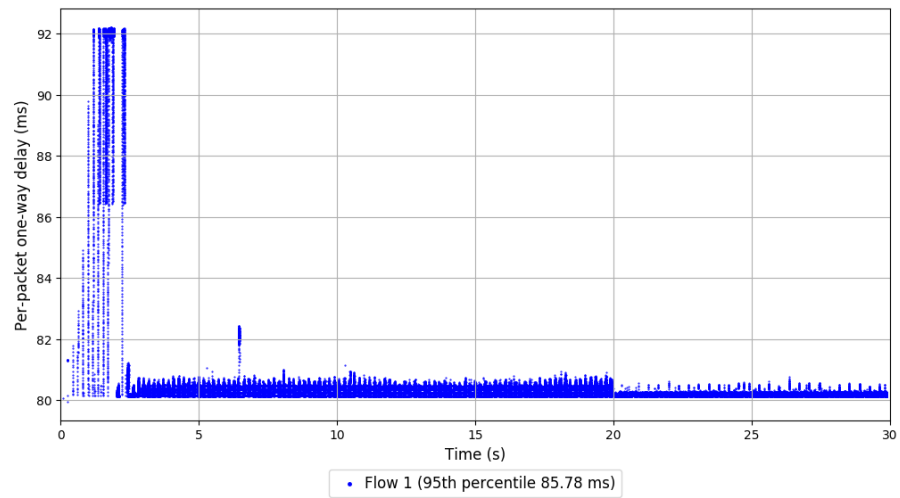
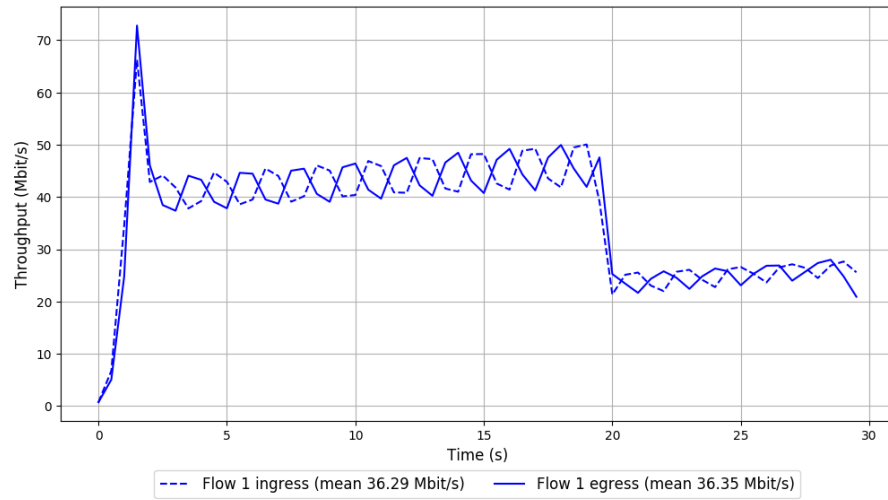


Run 4: Statistics of TCP Vegas

Start at: 2018-04-03 05:45:32
End at: 2018-04-03 05:46:02
Local clock offset: -2.55 ms
Remote clock offset: 10.971 ms

Below is generated by plot.py at 2018-04-03 12:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 85.784 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 85.784 ms
Loss rate: 0.46%

Run 4: Report of TCP Vegas — Data Link

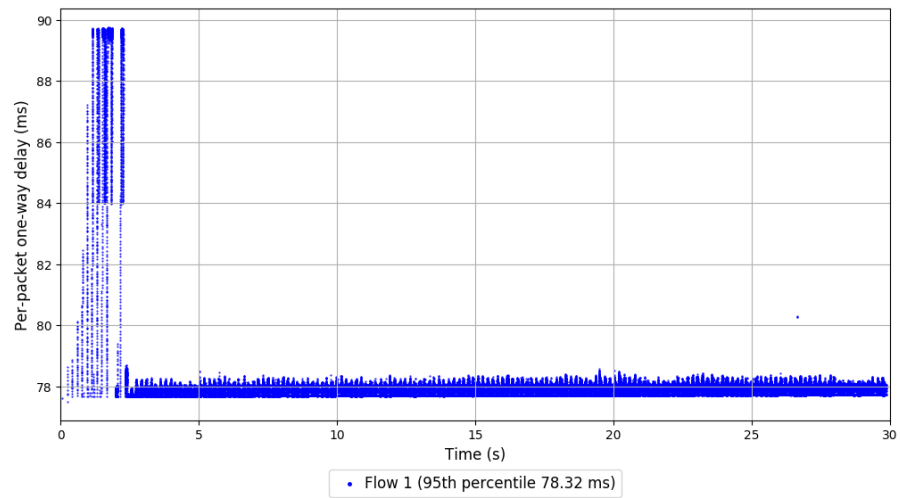
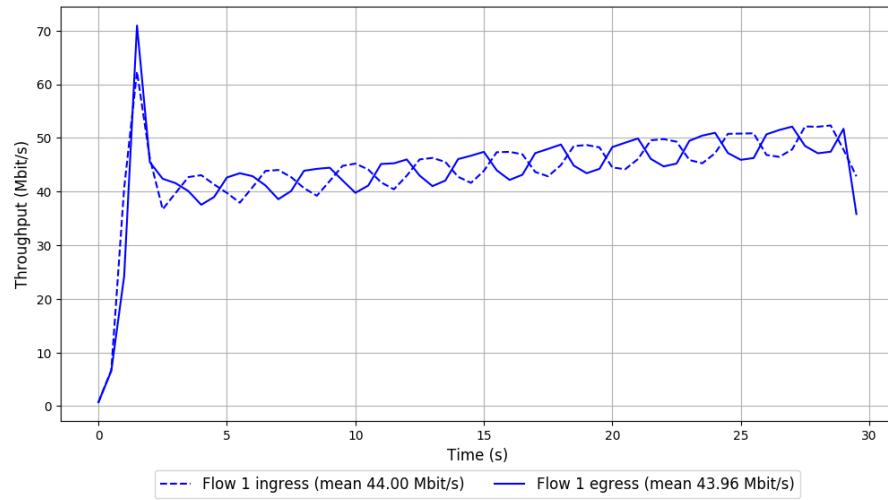


Run 5: Statistics of TCP Vegas

Start at: 2018-04-03 06:07:43
End at: 2018-04-03 06:08:13
Local clock offset: -6.316 ms
Remote clock offset: 12.507 ms

Below is generated by plot.py at 2018-04-03 12:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 78.317 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 78.317 ms
Loss rate: 0.68%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-04-03 06:29:58

End at: 2018-04-03 06:30:28

Local clock offset: -7.105 ms

Remote clock offset: 5.858 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.14 Mbit/s

95th percentile per-packet one-way delay: 84.593 ms

Loss rate: 0.70%

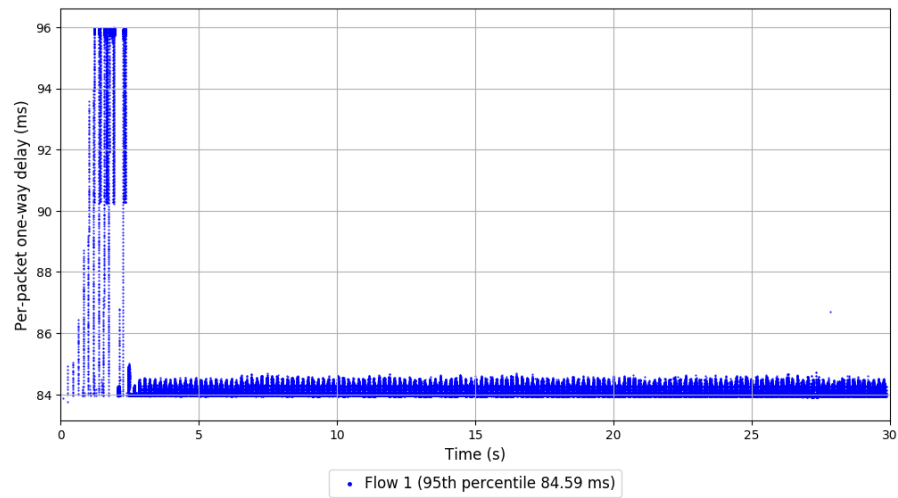
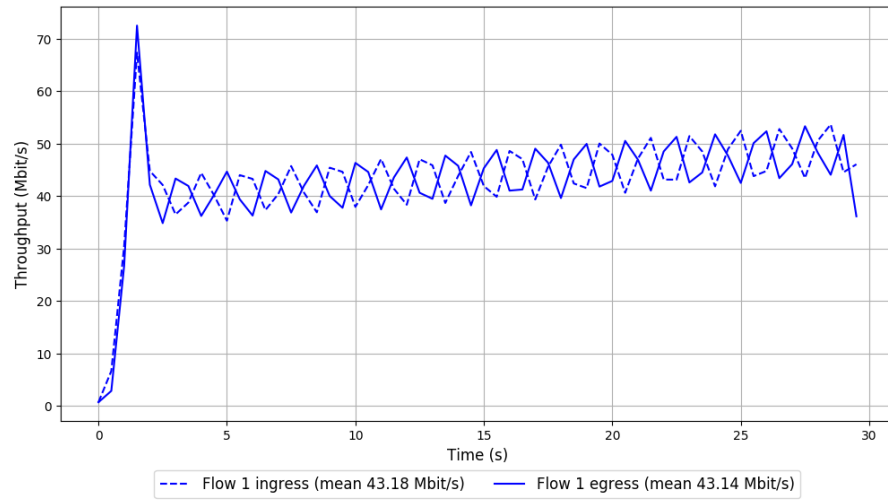
-- Flow 1:

Average throughput: 43.14 Mbit/s

95th percentile per-packet one-way delay: 84.593 ms

Loss rate: 0.70%

Run 6: Report of TCP Vegas — Data Link

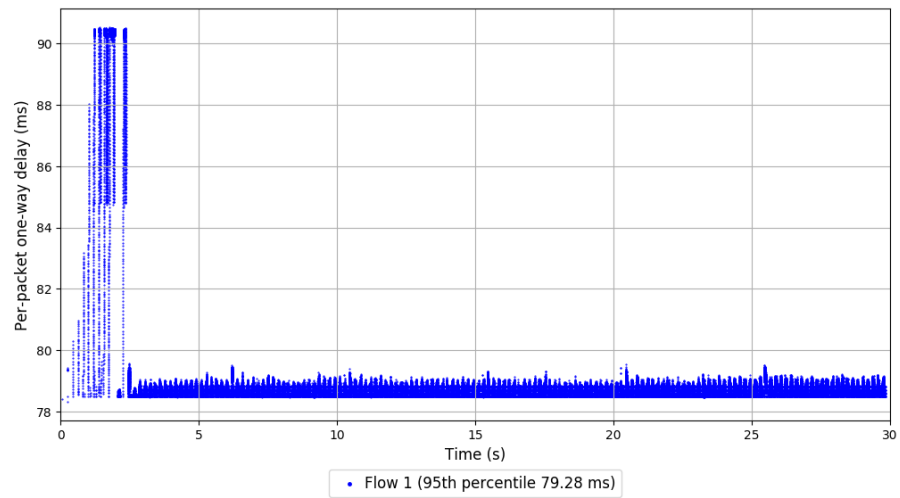
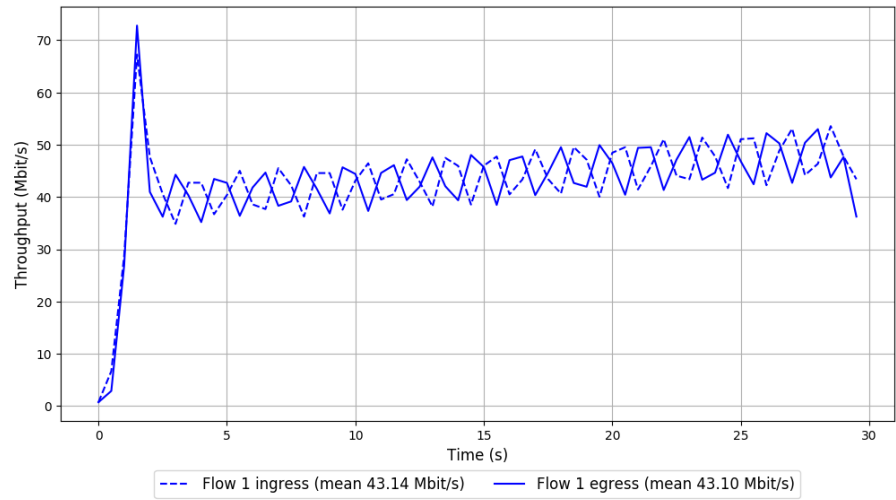


Run 7: Statistics of TCP Vegas

Start at: 2018-04-03 06:52:12
End at: 2018-04-03 06:52:42
Local clock offset: -7.208 ms
Remote clock offset: 11.941 ms

Below is generated by plot.py at 2018-04-03 12:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.10 Mbit/s
95th percentile per-packet one-way delay: 79.282 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 43.10 Mbit/s
95th percentile per-packet one-way delay: 79.282 ms
Loss rate: 0.70%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-04-03 07:14:27

End at: 2018-04-03 07:14:57

Local clock offset: -5.883 ms

Remote clock offset: 5.757 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.48 Mbit/s

95th percentile per-packet one-way delay: 86.371 ms

Loss rate: 0.78%

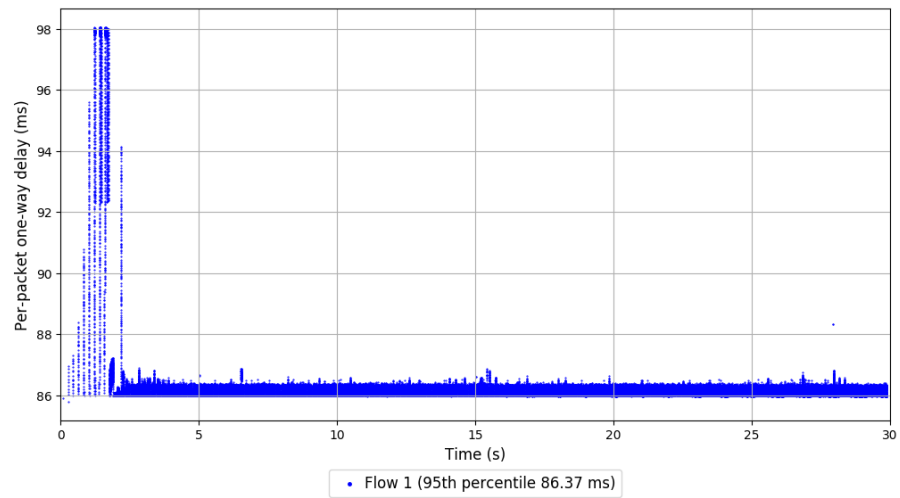
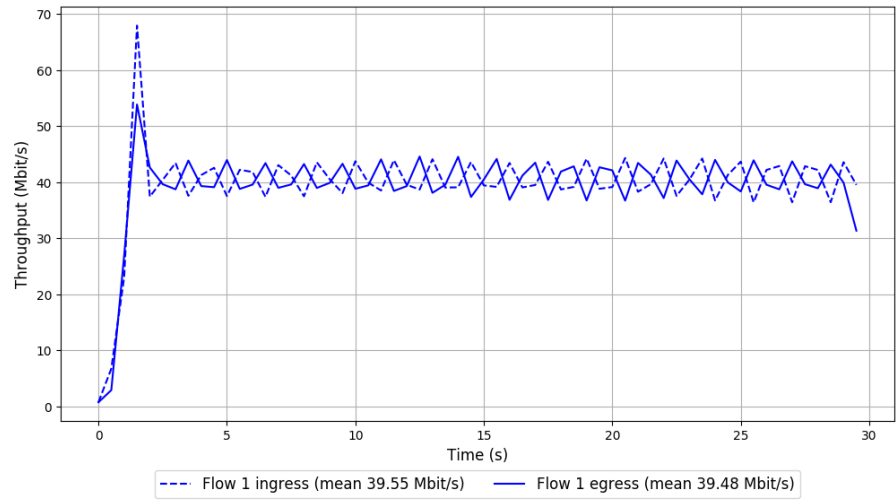
-- Flow 1:

Average throughput: 39.48 Mbit/s

95th percentile per-packet one-way delay: 86.371 ms

Loss rate: 0.78%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-04-03 07:36:41

End at: 2018-04-03 07:37:11

Local clock offset: -5.767 ms

Remote clock offset: 6.028 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.07 Mbit/s

95th percentile per-packet one-way delay: 86.302 ms

Loss rate: 0.69%

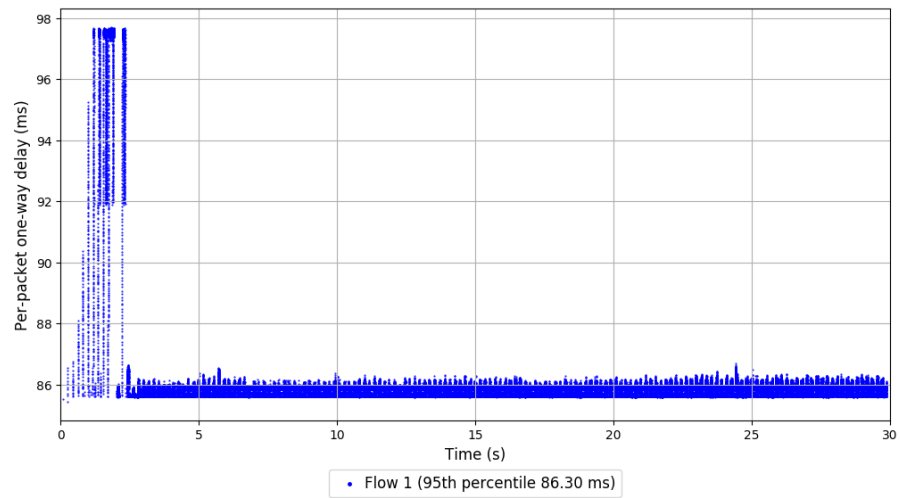
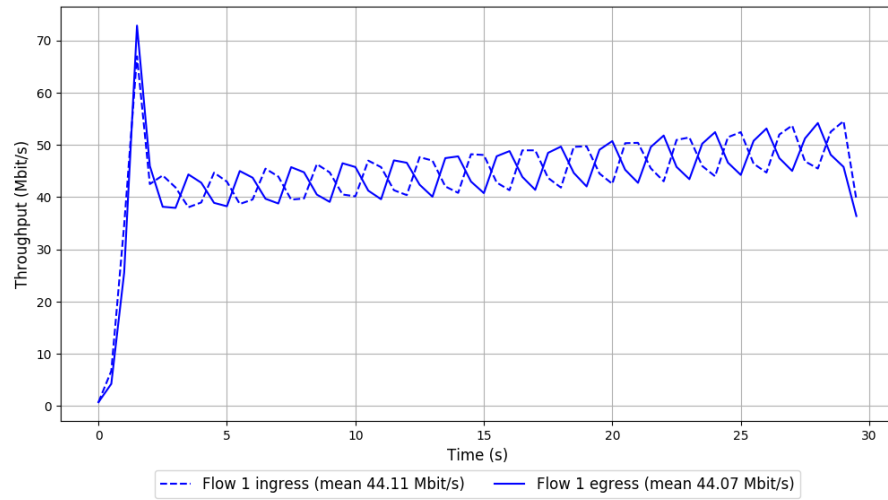
-- Flow 1:

Average throughput: 44.07 Mbit/s

95th percentile per-packet one-way delay: 86.302 ms

Loss rate: 0.69%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-04-03 07:59:05

End at: 2018-04-03 07:59:35

Local clock offset: -6.327 ms

Remote clock offset: 10.564 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.49 Mbit/s

95th percentile per-packet one-way delay: 80.281 ms

Loss rate: 0.79%

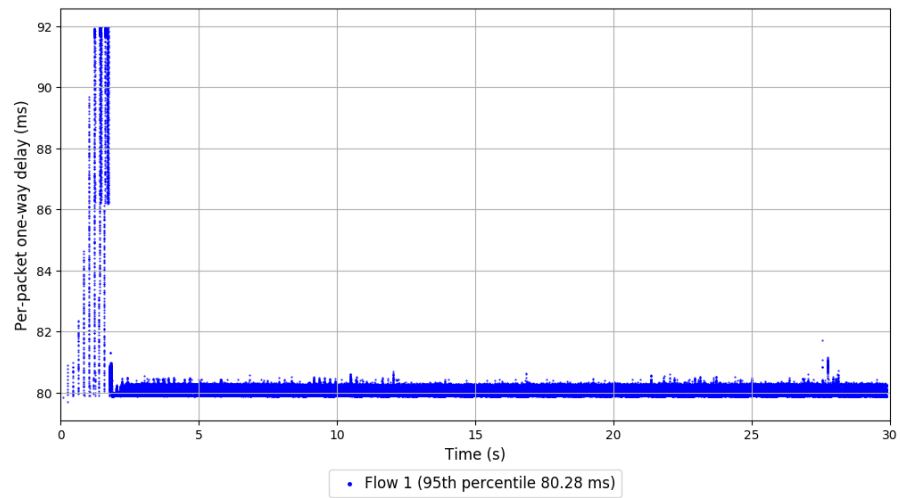
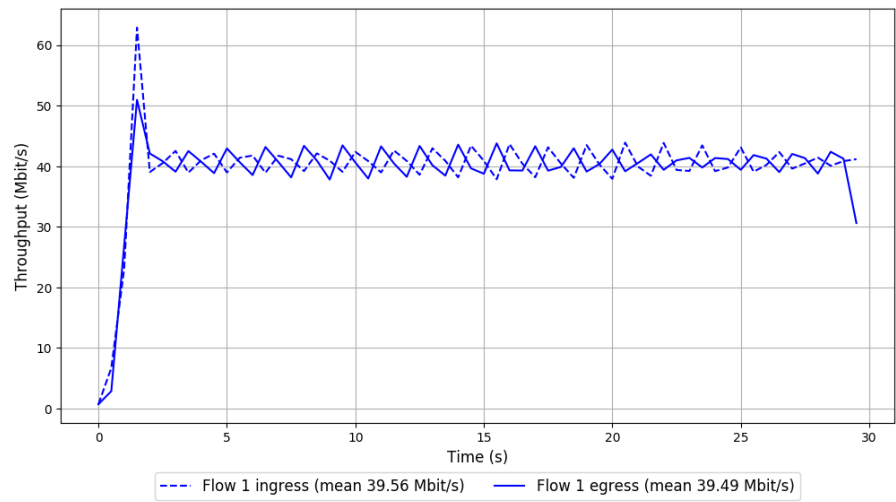
-- Flow 1:

Average throughput: 39.49 Mbit/s

95th percentile per-packet one-way delay: 80.281 ms

Loss rate: 0.79%

Run 10: Report of TCP Vegas — Data Link

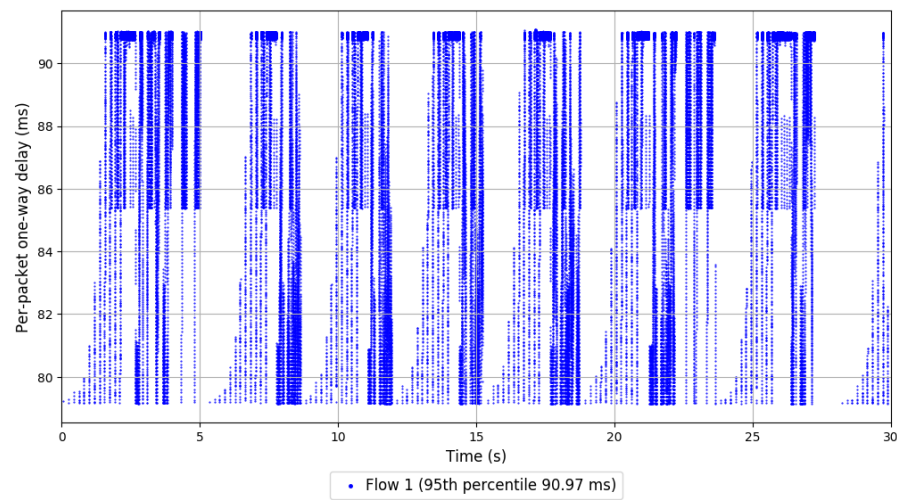
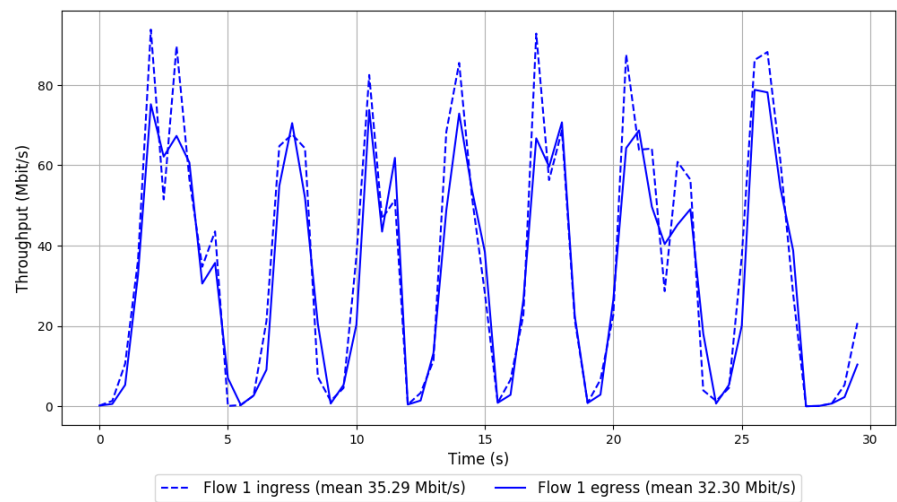


Run 1: Statistics of Verus

Start at: 2018-04-03 04:25:11
End at: 2018-04-03 04:25:41
Local clock offset: -5.706 ms
Remote clock offset: 10.914 ms

Below is generated by plot.py at 2018-04-03 12:04:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 90.970 ms
Loss rate: 9.05%
-- Flow 1:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 90.970 ms
Loss rate: 9.05%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-04-03 04:47:27

End at: 2018-04-03 04:47:57

Local clock offset: -3.878 ms

Remote clock offset: 5.002 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.16 Mbit/s

95th percentile per-packet one-way delay: 97.215 ms

Loss rate: 1.23%

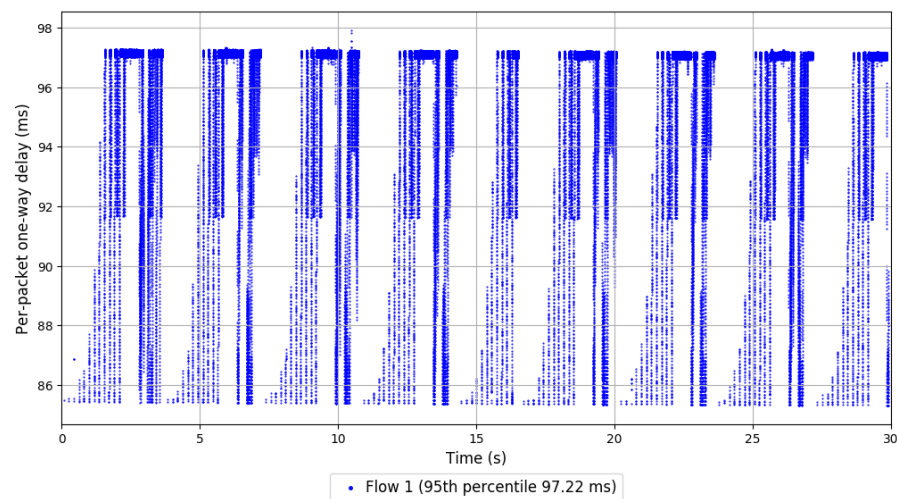
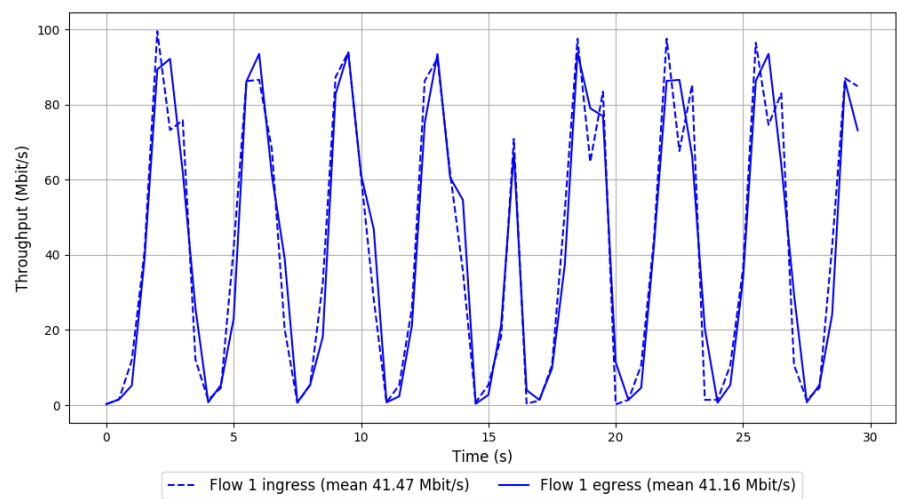
-- Flow 1:

Average throughput: 41.16 Mbit/s

95th percentile per-packet one-way delay: 97.215 ms

Loss rate: 1.23%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-04-03 05:09:41

End at: 2018-04-03 05:10:11

Local clock offset: -1.309 ms

Remote clock offset: 5.608 ms

Below is generated by plot.py at 2018-04-03 12:04:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.75 Mbit/s

95th percentile per-packet one-way delay: 95.457 ms

Loss rate: 1.33%

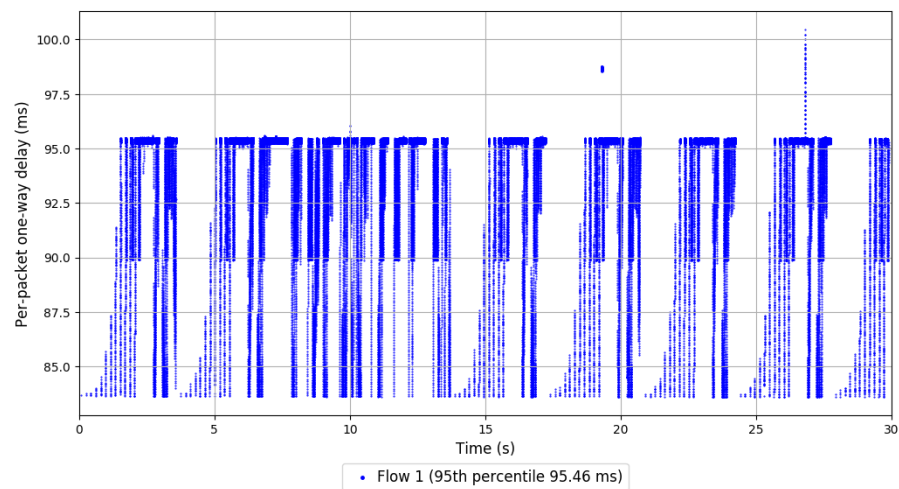
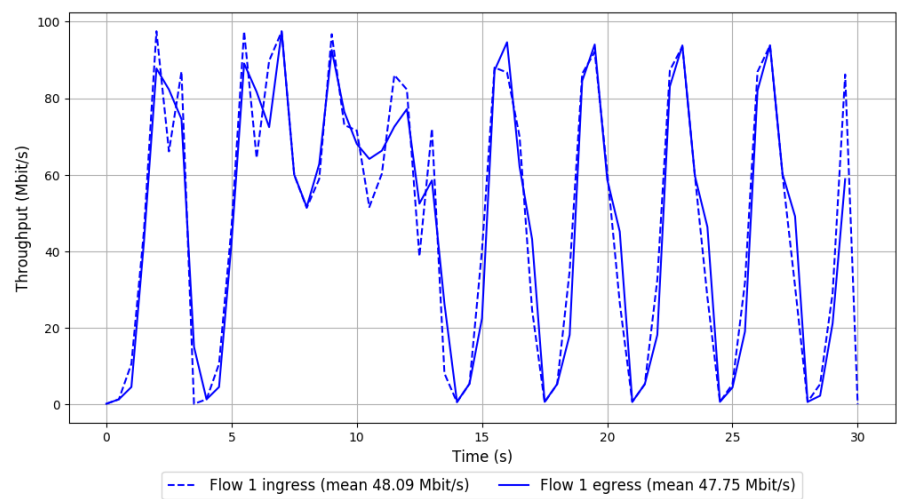
-- Flow 1:

Average throughput: 47.75 Mbit/s

95th percentile per-packet one-way delay: 95.457 ms

Loss rate: 1.33%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-04-03 05:31:53

End at: 2018-04-03 05:32:23

Local clock offset: -2.517 ms

Remote clock offset: 5.523 ms

Below is generated by plot.py at 2018-04-03 12:04:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 94.551 ms

Loss rate: 1.09%

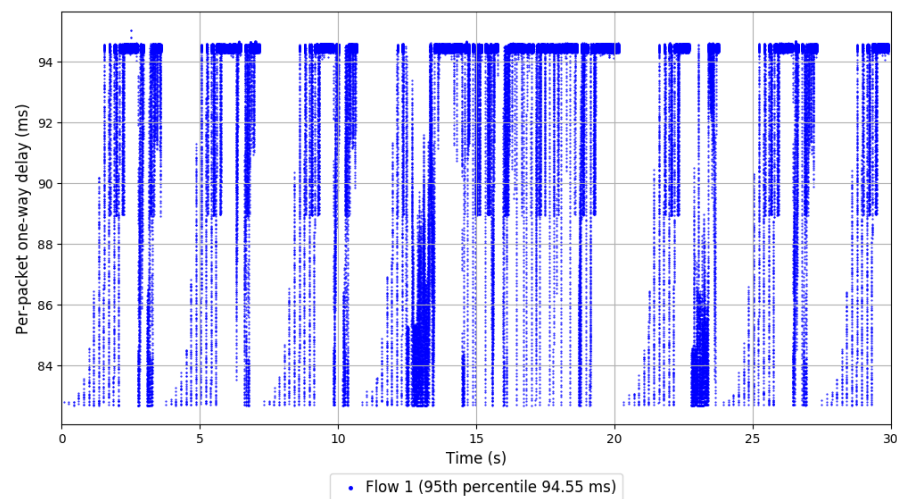
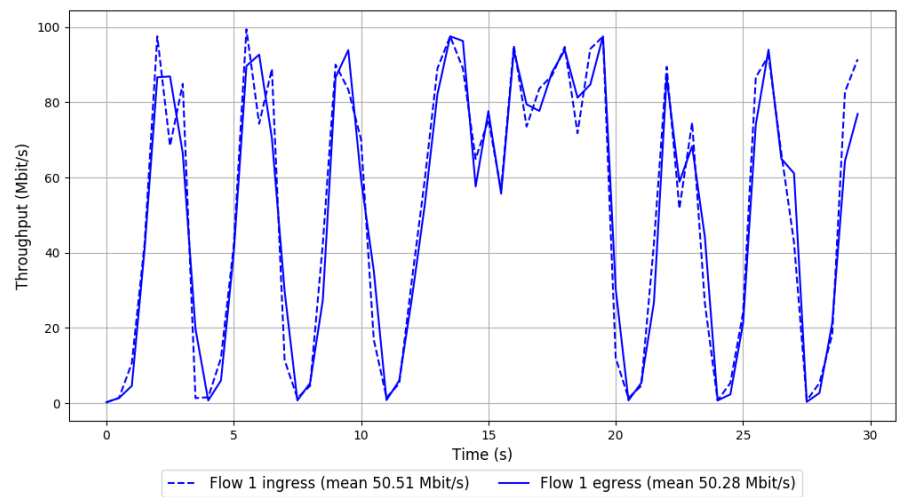
-- Flow 1:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 94.551 ms

Loss rate: 1.09%

Run 4: Report of Verus — Data Link

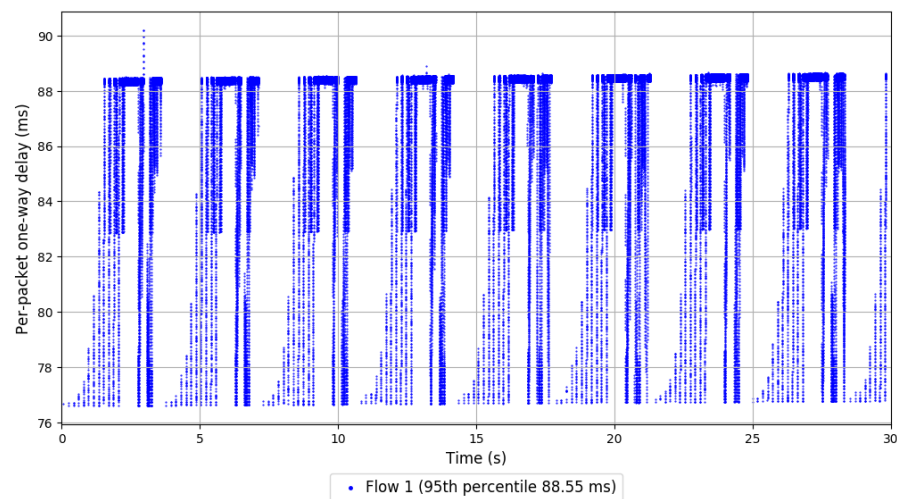
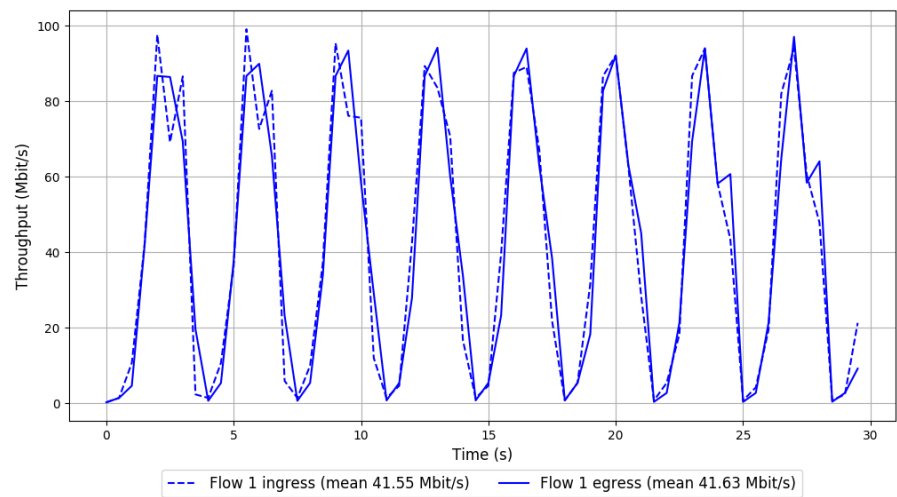


Run 5: Statistics of Verus

Start at: 2018-04-03 05:54:09
End at: 2018-04-03 05:54:39
Local clock offset: -3.944 ms
Remote clock offset: 12.852 ms

Below is generated by plot.py at 2018-04-03 12:04:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 88.553 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 41.63 Mbit/s
95th percentile per-packet one-way delay: 88.553 ms
Loss rate: 0.49%

Run 5: Report of Verus — Data Link

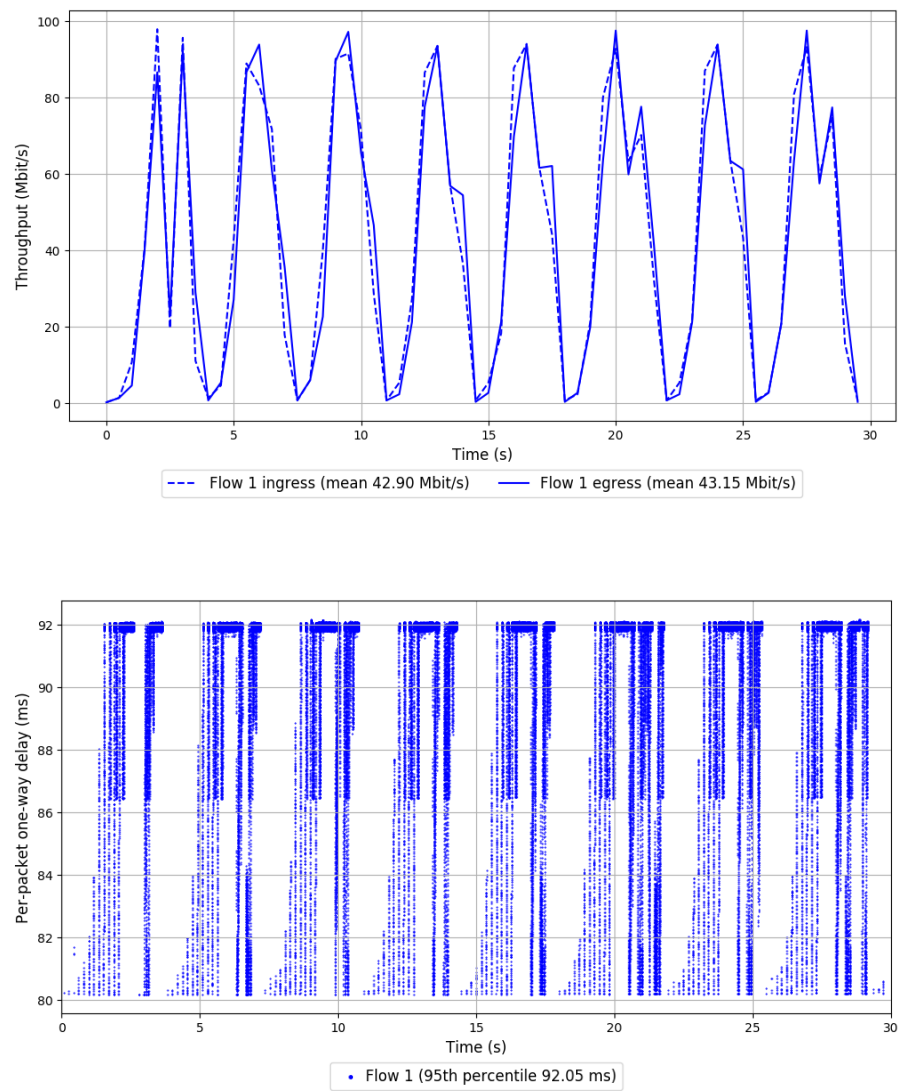


Run 6: Statistics of Verus

Start at: 2018-04-03 06:16:20
End at: 2018-04-03 06:16:50
Local clock offset: -6.856 ms
Remote clock offset: 12.635 ms

Below is generated by plot.py at 2018-04-03 12:04:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.15 Mbit/s
95th percentile per-packet one-way delay: 92.050 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 43.15 Mbit/s
95th percentile per-packet one-way delay: 92.050 ms
Loss rate: 0.02%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-04-03 06:38:36

End at: 2018-04-03 06:39:06

Local clock offset: -6.997 ms

Remote clock offset: 5.696 ms

Below is generated by plot.py at 2018-04-03 12:04:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.69 Mbit/s

95th percentile per-packet one-way delay: 96.630 ms

Loss rate: 1.45%

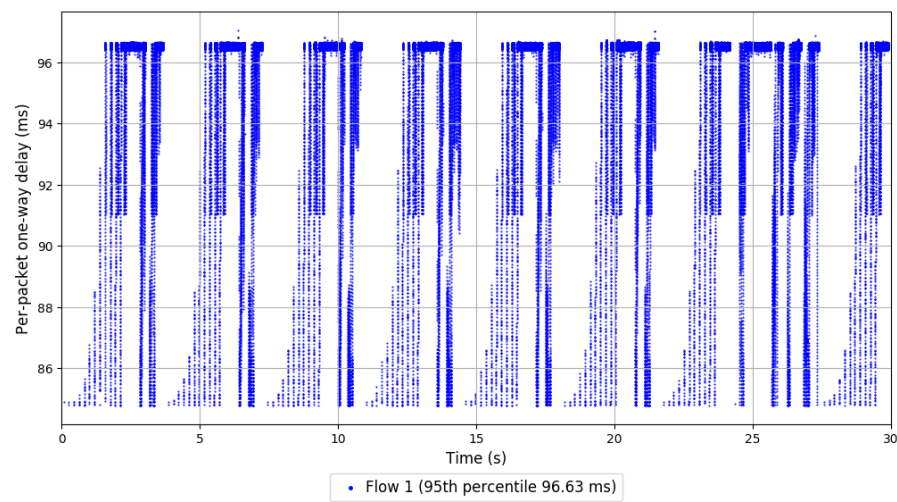
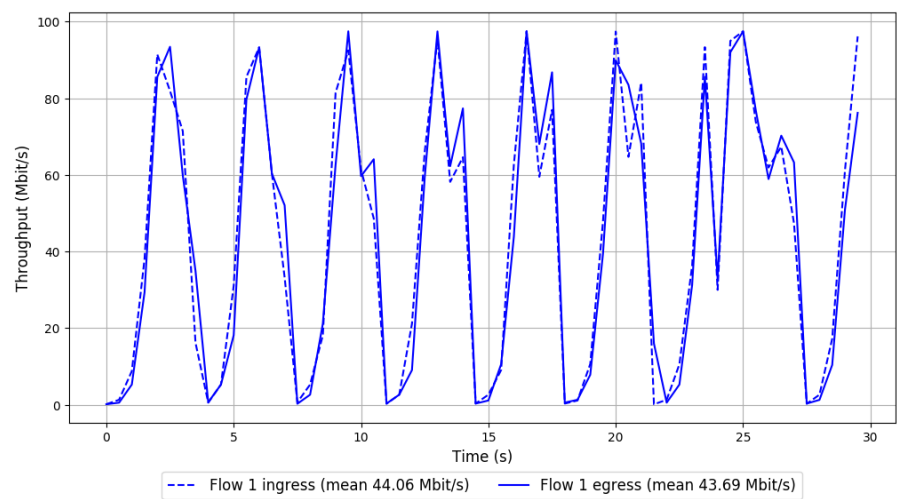
-- Flow 1:

Average throughput: 43.69 Mbit/s

95th percentile per-packet one-way delay: 96.630 ms

Loss rate: 1.45%

Run 7: Report of Verus — Data Link

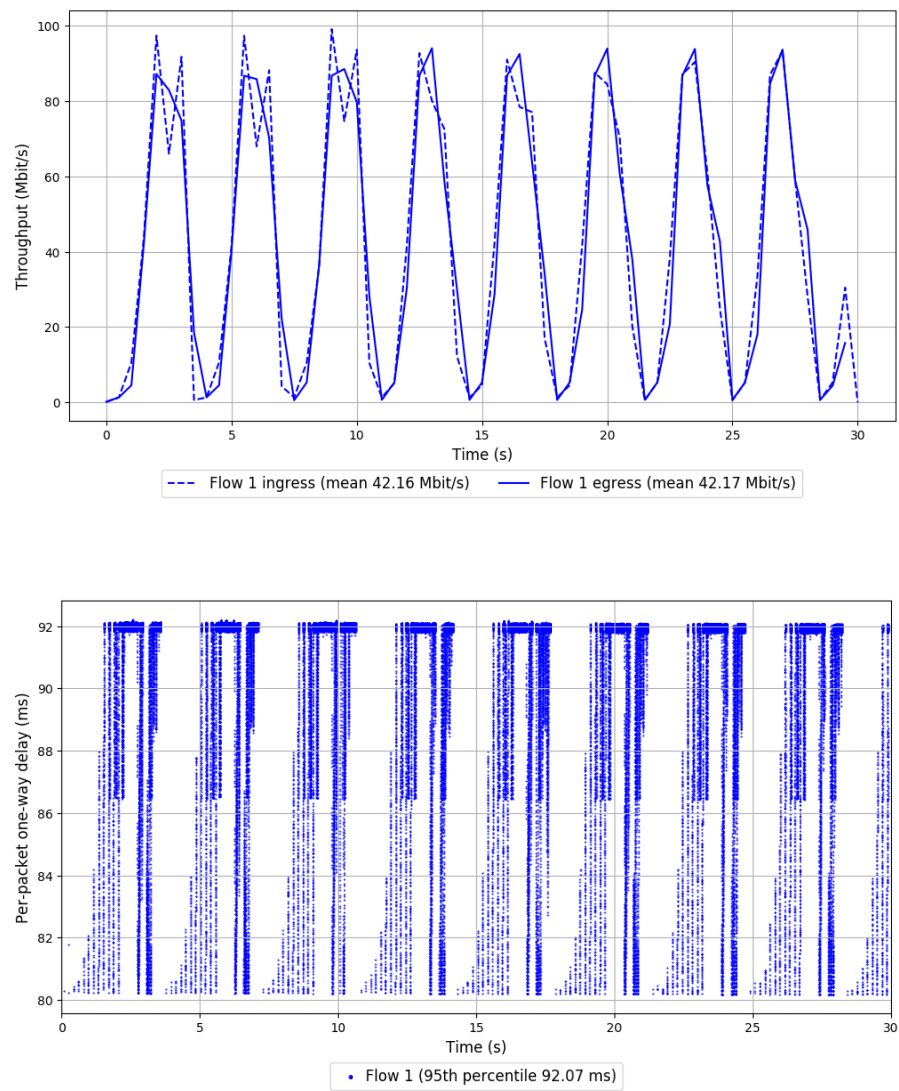


Run 8: Statistics of Verus

Start at: 2018-04-03 07:00:49
End at: 2018-04-03 07:01:19
Local clock offset: -6.934 ms
Remote clock offset: 12.031 ms

Below is generated by plot.py at 2018-04-03 12:05:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 92.066 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 42.17 Mbit/s
95th percentile per-packet one-way delay: 92.066 ms
Loss rate: 0.62%

Run 8: Report of Verus — Data Link

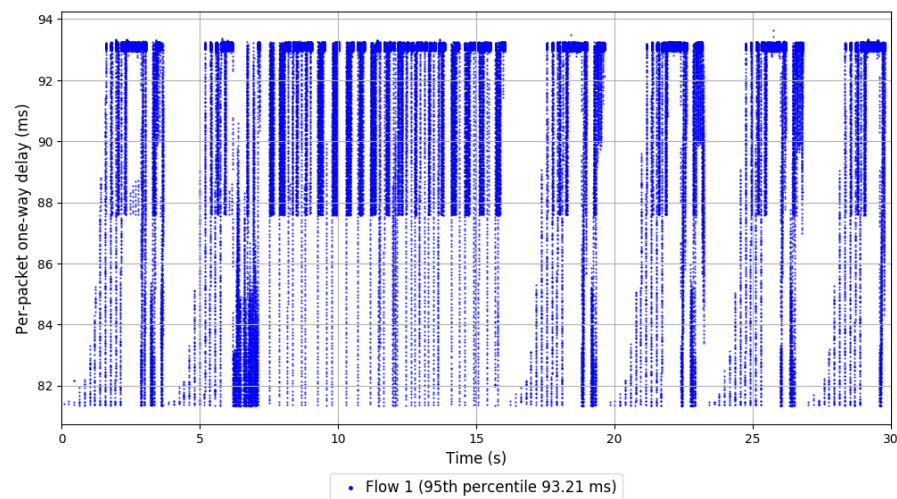
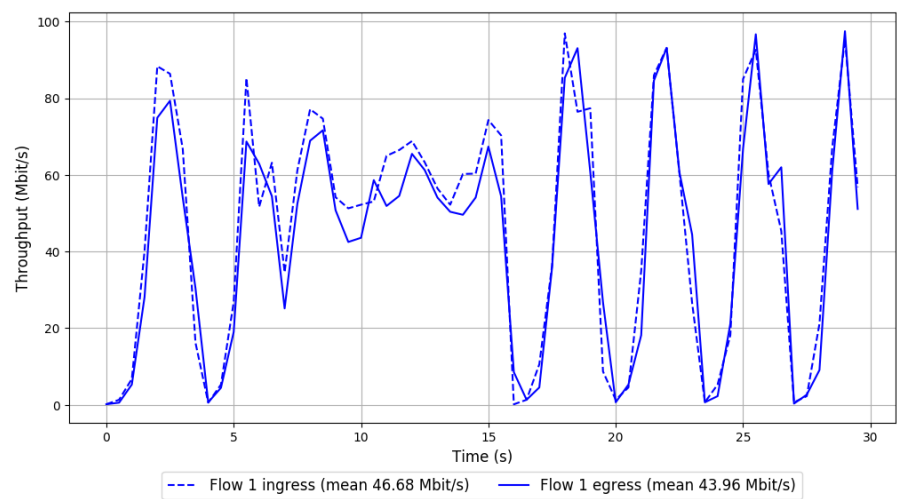


Run 9: Statistics of Verus

Start at: 2018-04-03 07:23:06
End at: 2018-04-03 07:23:36
Local clock offset: -5.628 ms
Remote clock offset: 11.209 ms

Below is generated by plot.py at 2018-04-03 12:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 93.206 ms
Loss rate: 6.72%
-- Flow 1:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 93.206 ms
Loss rate: 6.72%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-04-03 07:45:17

End at: 2018-04-03 07:45:47

Local clock offset: -6.103 ms

Remote clock offset: 4.551 ms

Below is generated by plot.py at 2018-04-03 12:05:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.01 Mbit/s

95th percentile per-packet one-way delay: 98.320 ms

Loss rate: 0.96%

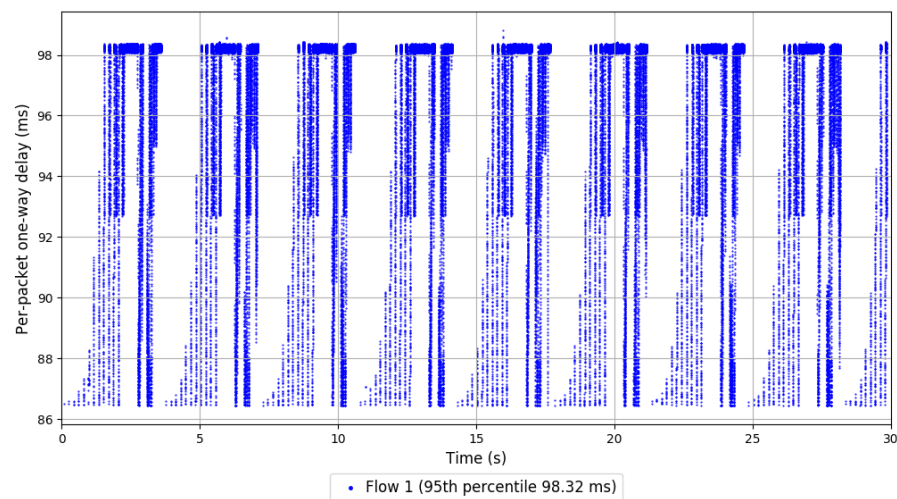
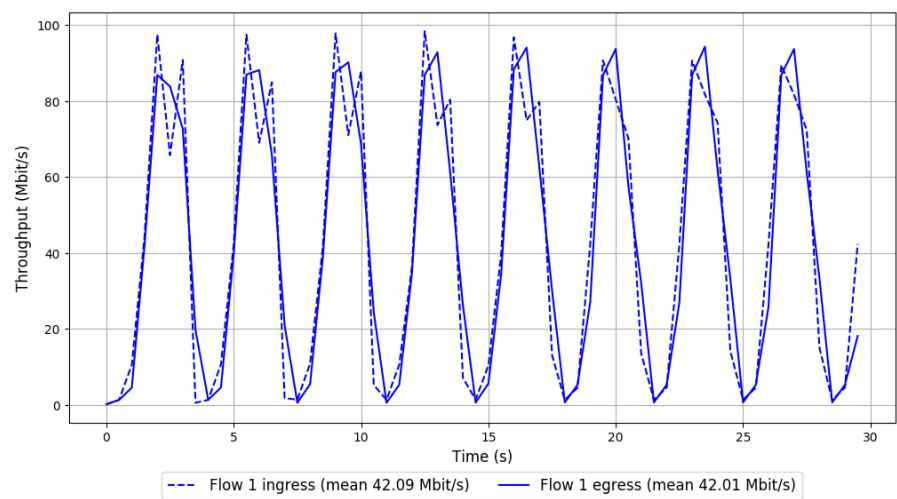
-- Flow 1:

Average throughput: 42.01 Mbit/s

95th percentile per-packet one-way delay: 98.320 ms

Loss rate: 0.96%

Run 10: Report of Verus — Data Link

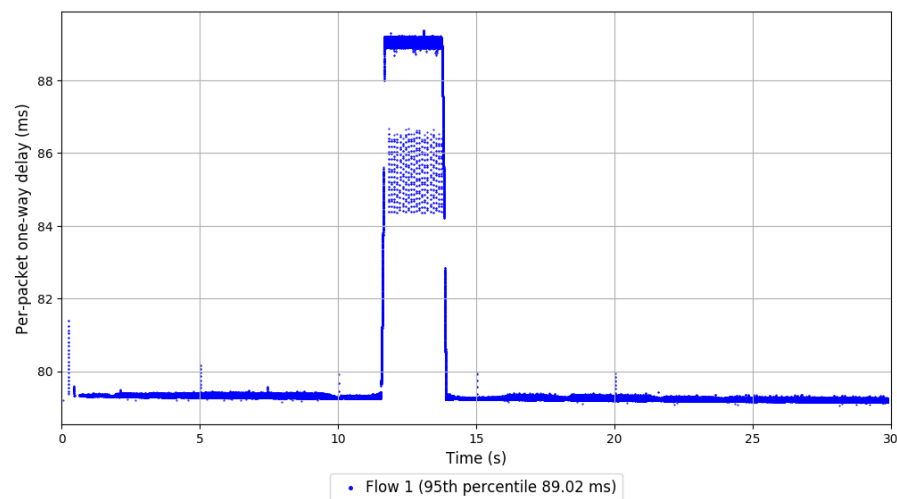
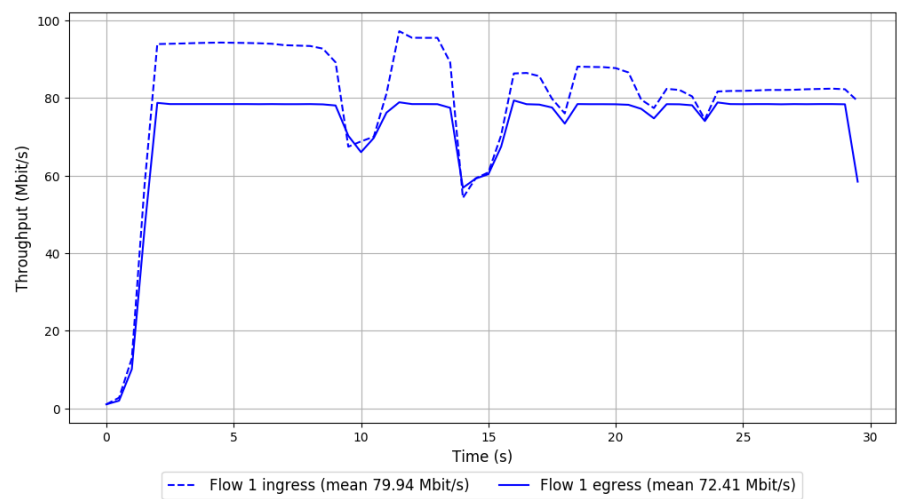


Run 1: Statistics of Copa

Start at: 2018-04-03 04:43:38
End at: 2018-04-03 04:44:08
Local clock offset: -4.802 ms
Remote clock offset: 11.482 ms

Below is generated by plot.py at 2018-04-03 12:06:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.41 Mbit/s
95th percentile per-packet one-way delay: 89.022 ms
Loss rate: 9.99%
-- Flow 1:
Average throughput: 72.41 Mbit/s
95th percentile per-packet one-way delay: 89.022 ms
Loss rate: 9.99%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-04-03 05:05:54

End at: 2018-04-03 05:06:24

Local clock offset: -1.57 ms

Remote clock offset: 11.08 ms

Below is generated by plot.py at 2018-04-03 12:06:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 87.352 ms

Loss rate: 0.64%

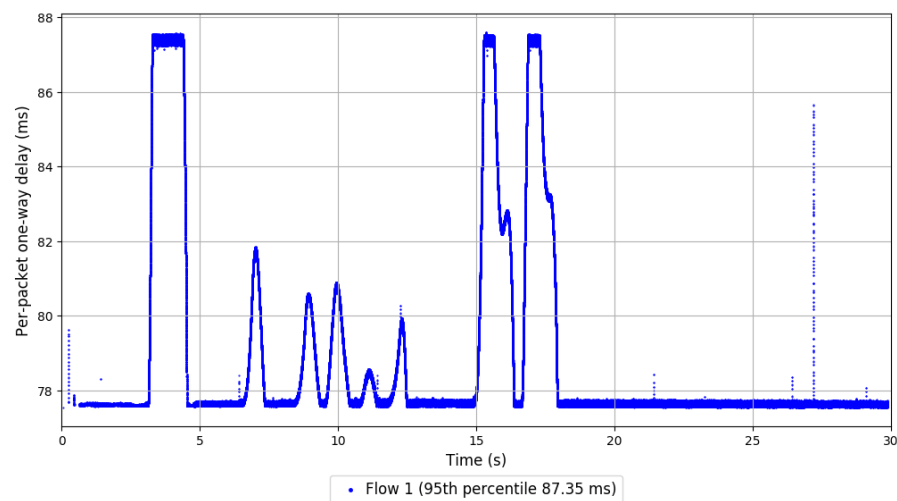
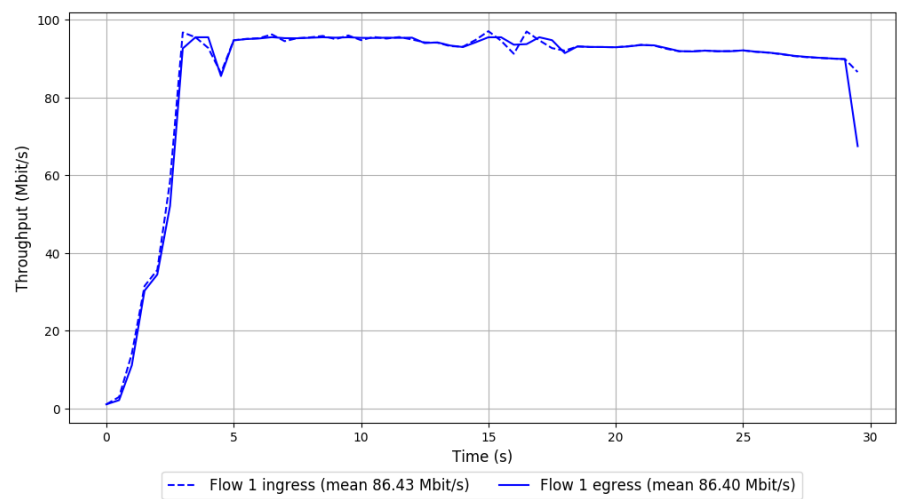
-- Flow 1:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 87.352 ms

Loss rate: 0.64%

Run 2: Report of Copa — Data Link

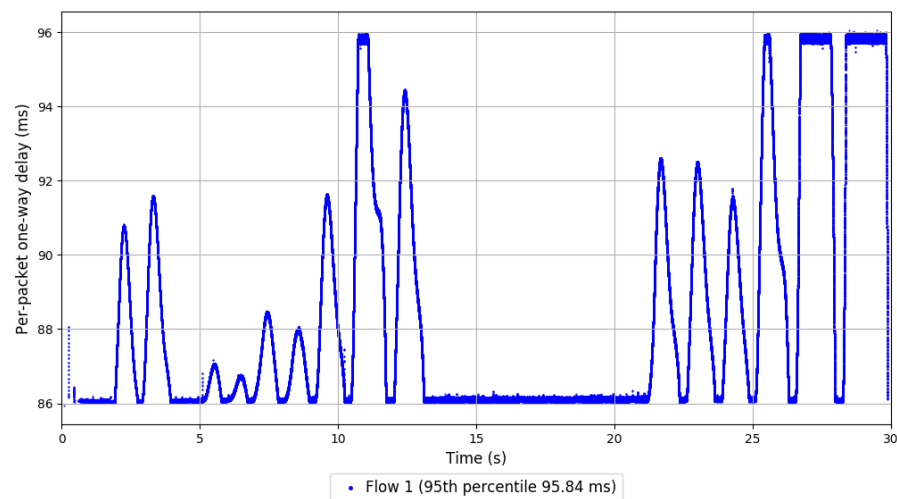
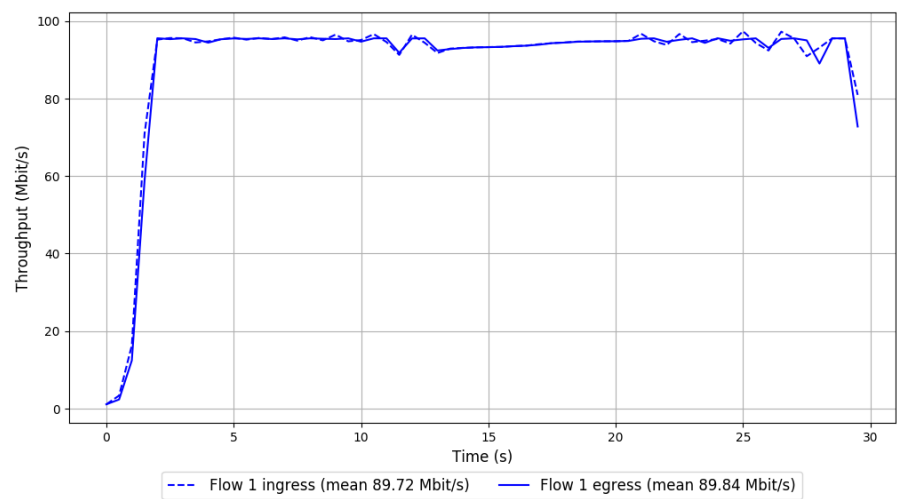


Run 3: Statistics of Copa

Start at: 2018-04-03 05:28:06
End at: 2018-04-03 05:28:36
Local clock offset: -2.385 ms
Remote clock offset: 4.572 ms

Below is generated by plot.py at 2018-04-03 12:06:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 95.840 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 95.840 ms
Loss rate: 0.49%

Run 3: Report of Copa — Data Link

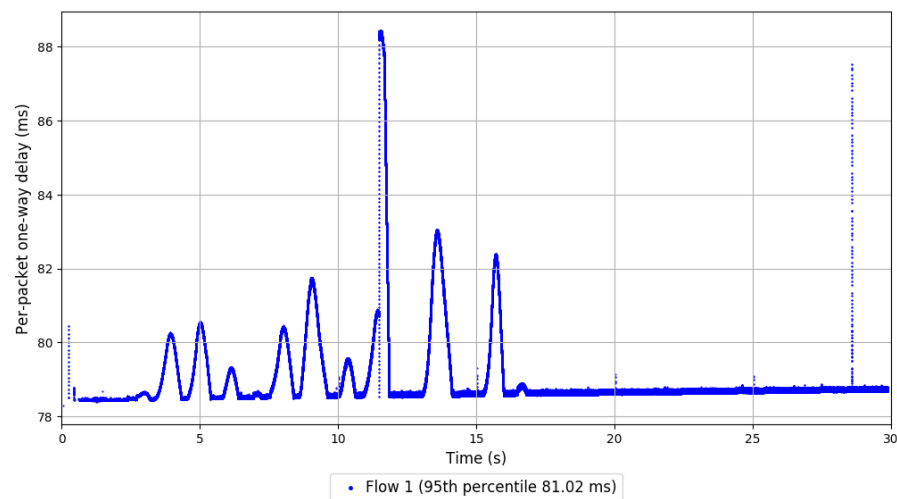
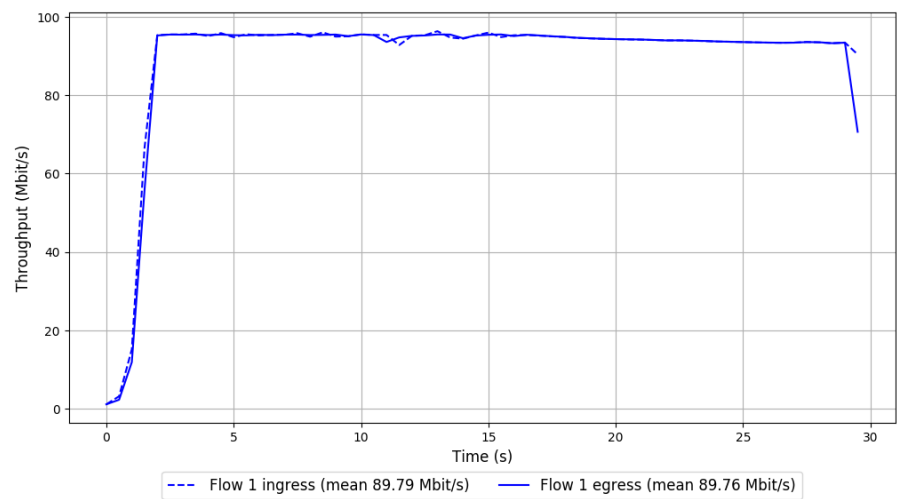


Run 4: Statistics of Copa

Start at: 2018-04-03 05:50:21
End at: 2018-04-03 05:50:51
Local clock offset: -2.449 ms
Remote clock offset: 11.488 ms

Below is generated by plot.py at 2018-04-03 12:07:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 81.019 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 81.019 ms
Loss rate: 0.64%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-04-03 06:12:32

End at: 2018-04-03 06:13:02

Local clock offset: -6.642 ms

Remote clock offset: 7.217 ms

Below is generated by plot.py at 2018-04-03 12:07:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.27 Mbit/s

95th percentile per-packet one-way delay: 88.850 ms

Loss rate: 11.61%

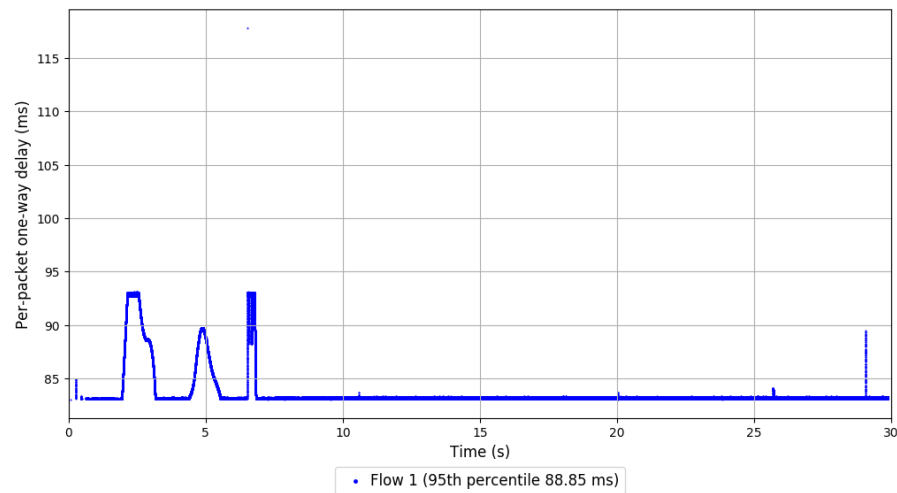
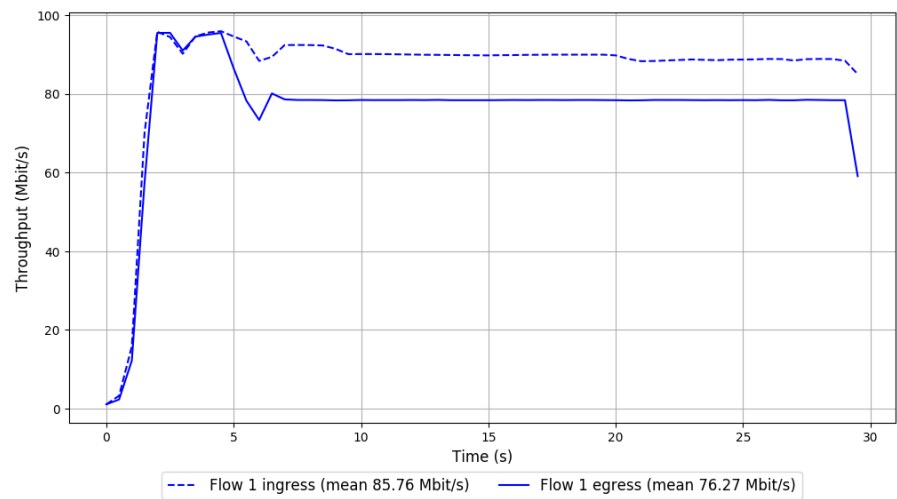
-- Flow 1:

Average throughput: 76.27 Mbit/s

95th percentile per-packet one-way delay: 88.850 ms

Loss rate: 11.61%

Run 5: Report of Copa — Data Link

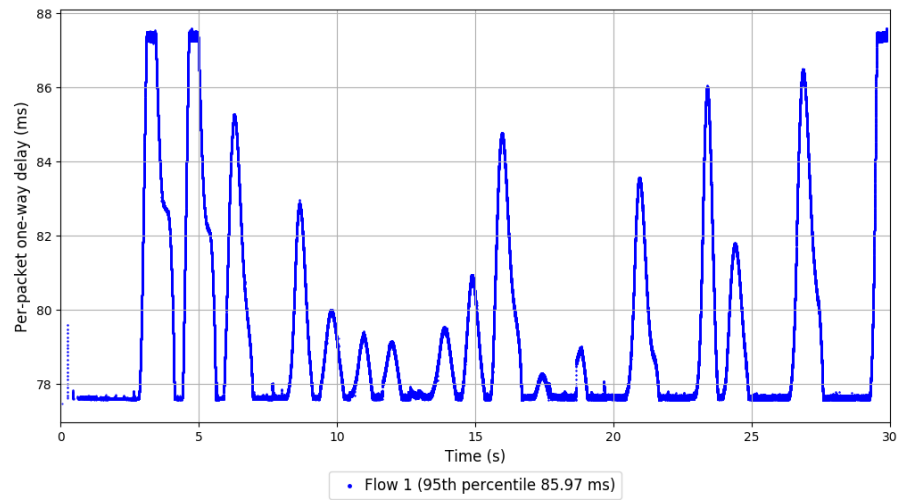
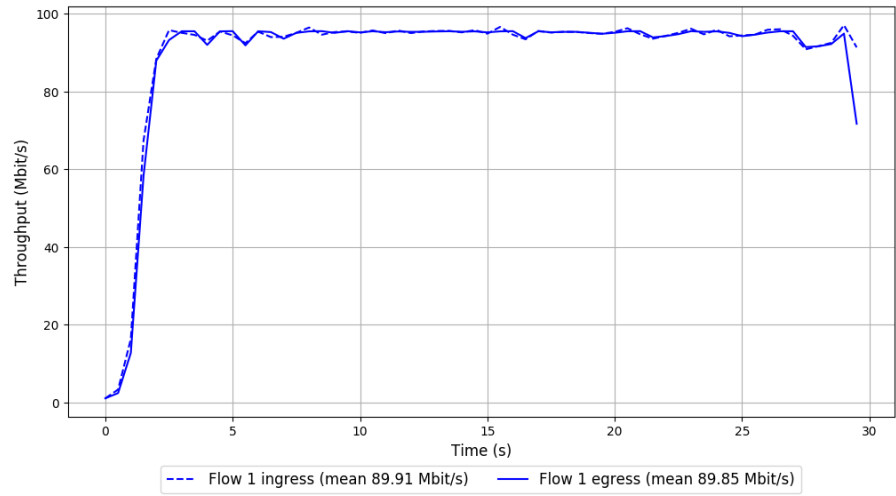


Run 6: Statistics of Copa

Start at: 2018-04-03 06:34:48
End at: 2018-04-03 06:35:18
Local clock offset: -6.974 ms
Remote clock offset: 12.147 ms

Below is generated by plot.py at 2018-04-03 12:07:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 85.967 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 85.967 ms
Loss rate: 0.67%

Run 6: Report of Copa — Data Link

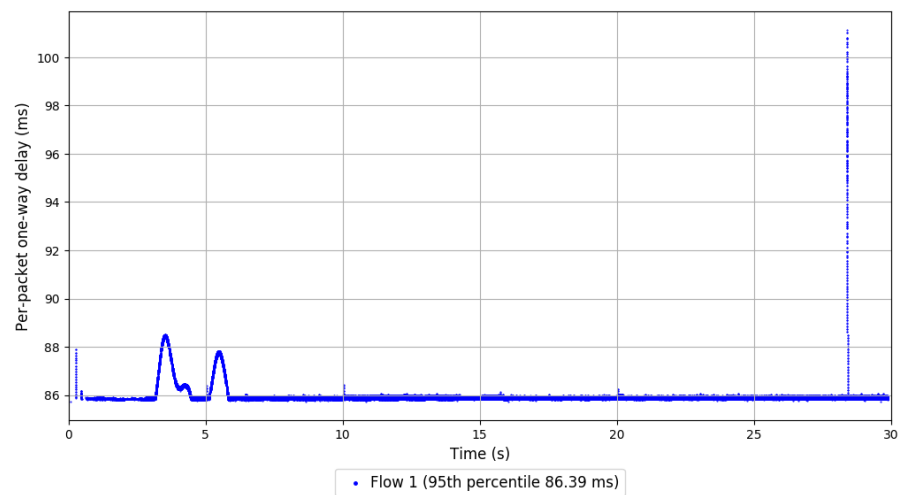
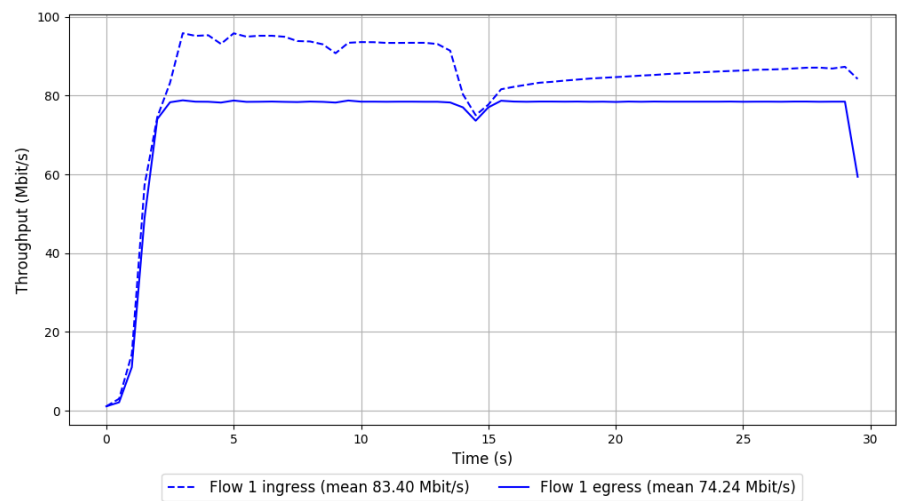


Run 7: Statistics of Copa

Start at: 2018-04-03 06:57:01
End at: 2018-04-03 06:57:31
Local clock offset: -7.296 ms
Remote clock offset: 6.578 ms

Below is generated by plot.py at 2018-04-03 12:07:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.24 Mbit/s
95th percentile per-packet one-way delay: 86.386 ms
Loss rate: 11.54%
-- Flow 1:
Average throughput: 74.24 Mbit/s
95th percentile per-packet one-way delay: 86.386 ms
Loss rate: 11.54%

Run 7: Report of Copa — Data Link

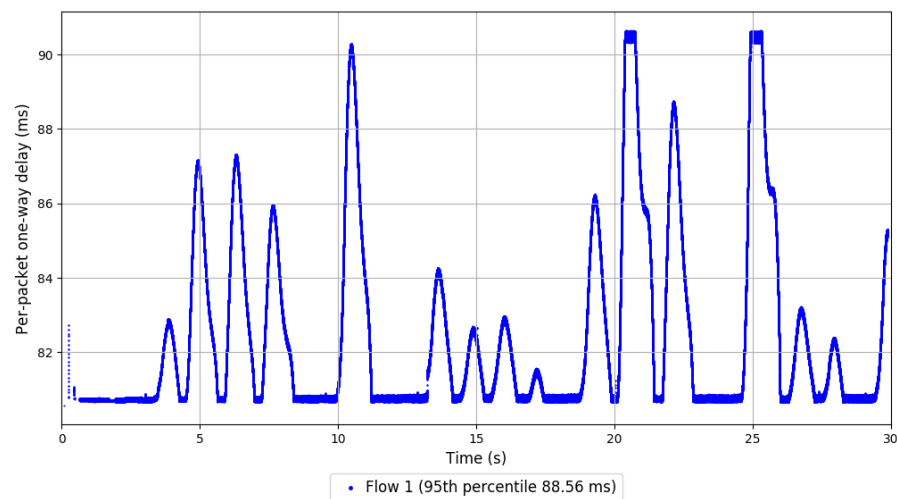
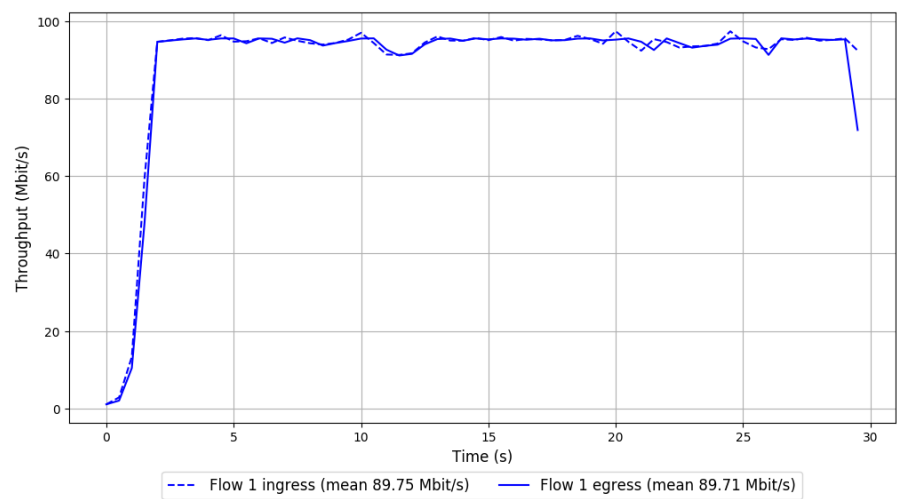


Run 8: Statistics of Copa

Start at: 2018-04-03 07:19:17
End at: 2018-04-03 07:19:47
Local clock offset: -5.725 ms
Remote clock offset: 11.181 ms

Below is generated by plot.py at 2018-04-03 12:07:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 88.565 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 88.565 ms
Loss rate: 0.67%

Run 8: Report of Copa — Data Link

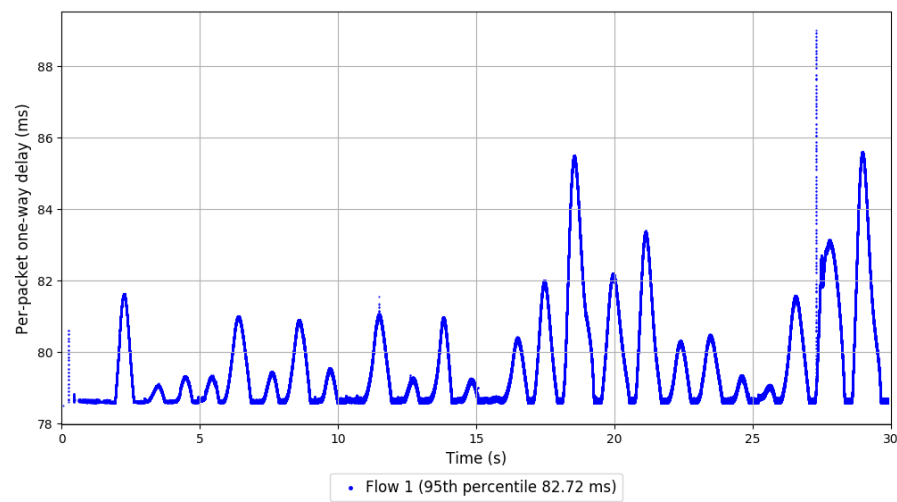
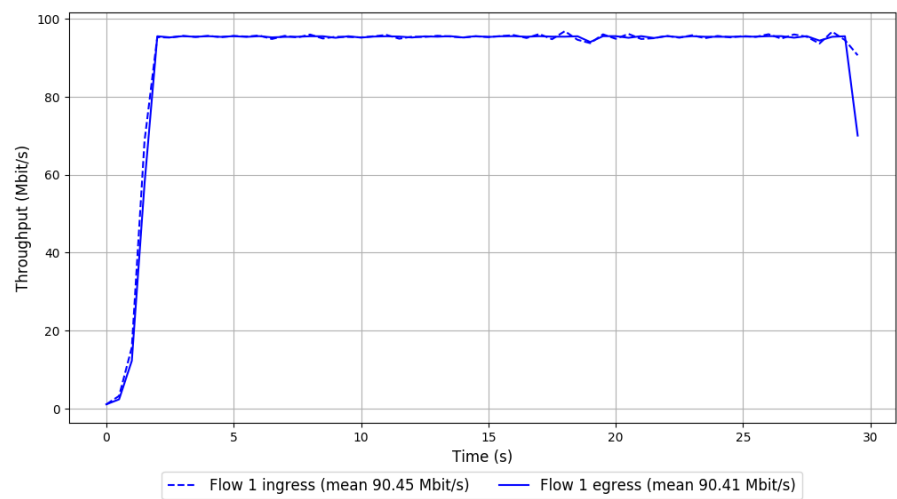


Run 9: Statistics of Copa

Start at: 2018-04-03 07:41:31
End at: 2018-04-03 07:42:01
Local clock offset: -6.006 ms
Remote clock offset: 12.151 ms

Below is generated by plot.py at 2018-04-03 12:08:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 82.723 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 82.723 ms
Loss rate: 0.66%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-04-03 08:03:56

End at: 2018-04-03 08:04:26

Local clock offset: -6.269 ms

Remote clock offset: 5.159 ms

Below is generated by plot.py at 2018-04-03 12:09:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.05 Mbit/s

95th percentile per-packet one-way delay: 95.387 ms

Loss rate: 0.69%

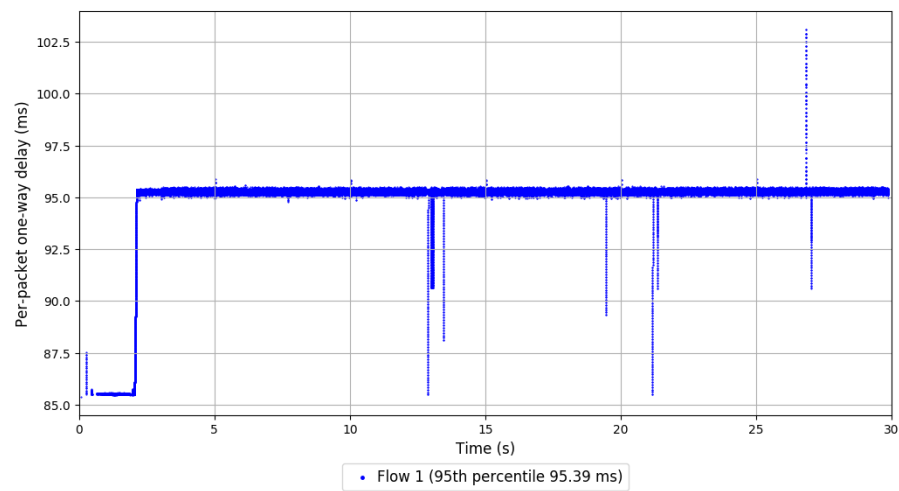
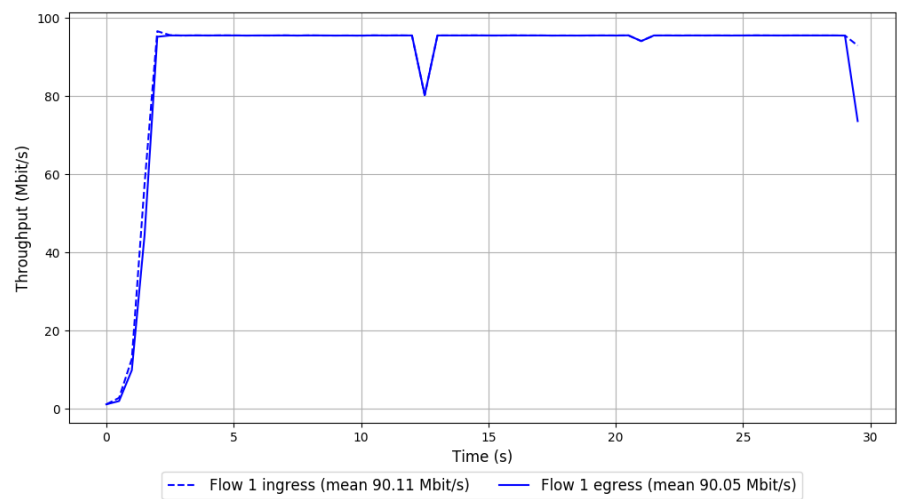
-- Flow 1:

Average throughput: 90.05 Mbit/s

95th percentile per-packet one-way delay: 95.387 ms

Loss rate: 0.69%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-04-03 04:37:34

End at: 2018-04-03 04:38:04

Local clock offset: -5.472 ms

Remote clock offset: 6.602 ms

Below is generated by plot.py at 2018-04-03 12:09:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.97 Mbit/s

95th percentile per-packet one-way delay: 93.459 ms

Loss rate: 0.54%

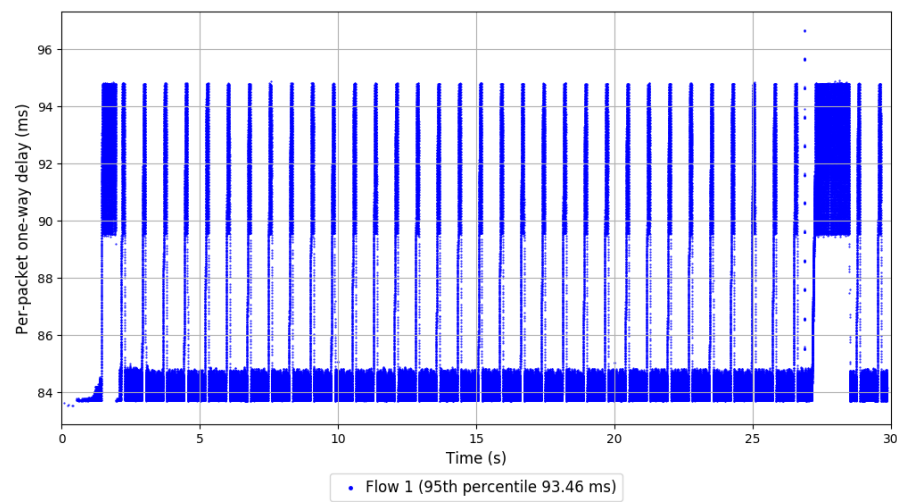
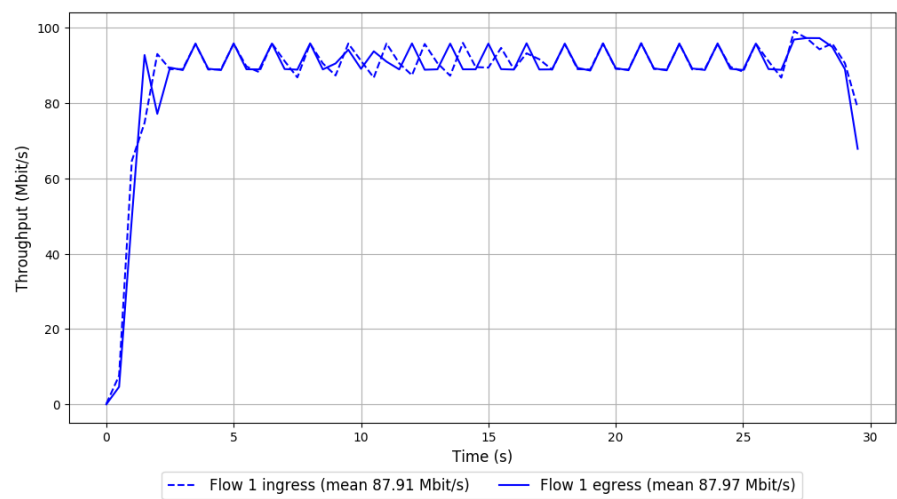
-- Flow 1:

Average throughput: 87.97 Mbit/s

95th percentile per-packet one-way delay: 93.459 ms

Loss rate: 0.54%

Run 1: Report of FillP — Data Link

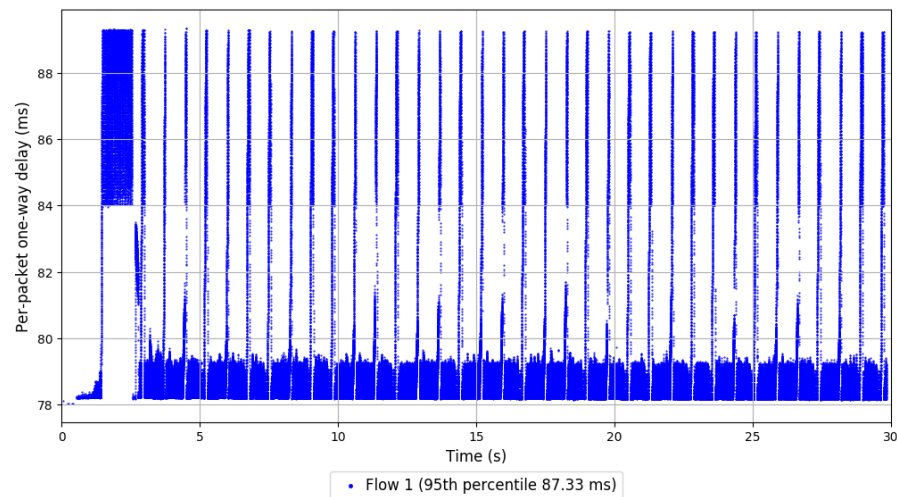
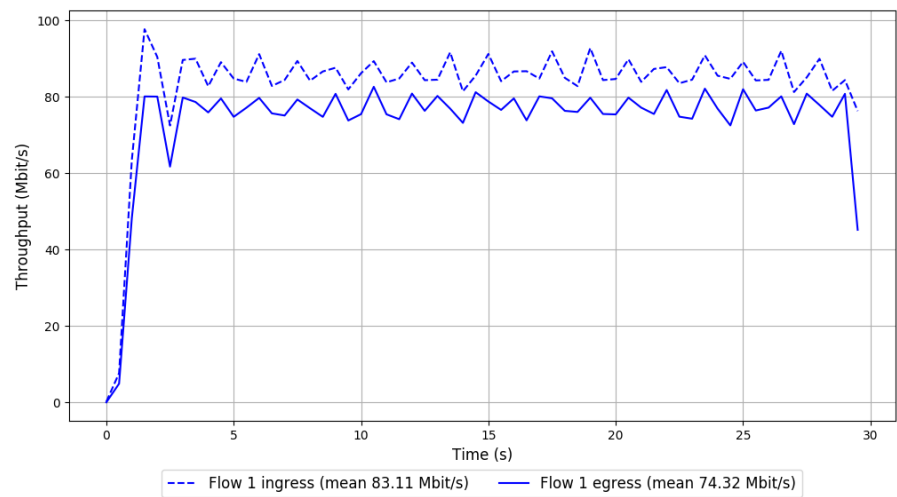


Run 2: Statistics of FillP

Start at: 2018-04-03 04:59:51
End at: 2018-04-03 05:00:21
Local clock offset: -2.098 ms
Remote clock offset: 11.159 ms

Below is generated by plot.py at 2018-04-03 12:09:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.32 Mbit/s
95th percentile per-packet one-way delay: 87.335 ms
Loss rate: 11.13%
-- Flow 1:
Average throughput: 74.32 Mbit/s
95th percentile per-packet one-way delay: 87.335 ms
Loss rate: 11.13%

Run 2: Report of FillP — Data Link

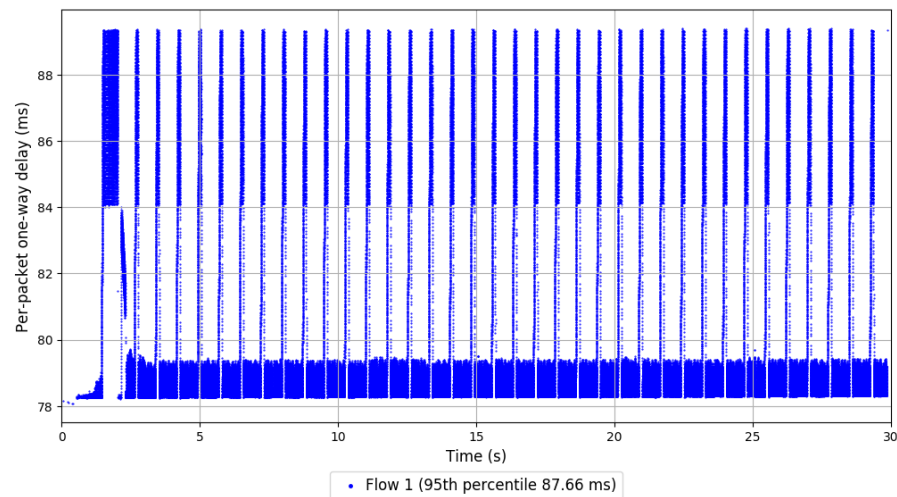
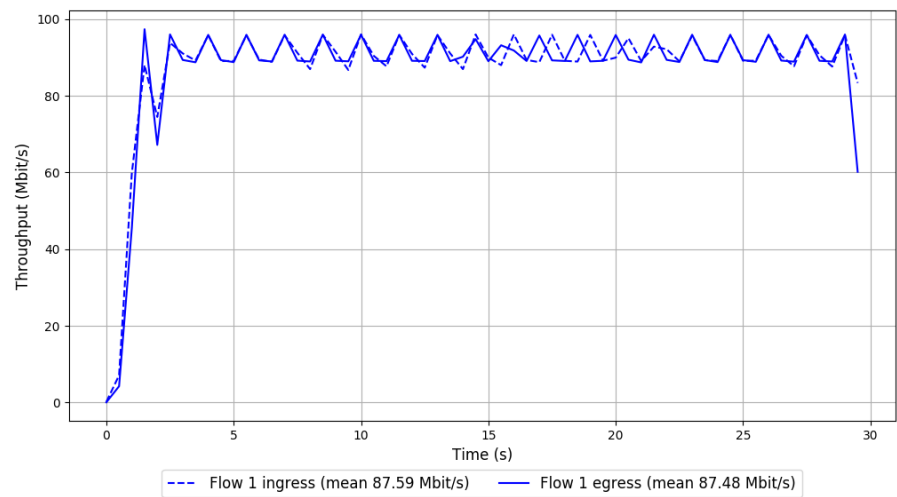


Run 3: Statistics of FillP

Start at: 2018-04-03 05:22:03
End at: 2018-04-03 05:22:33
Local clock offset: -1.965 ms
Remote clock offset: 10.963 ms

Below is generated by plot.py at 2018-04-03 12:09:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 87.660 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 87.660 ms
Loss rate: 0.73%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-04-03 05:44:18

End at: 2018-04-03 05:44:48

Local clock offset: -2.505 ms

Remote clock offset: 4.569 ms

Below is generated by plot.py at 2018-04-03 12:09:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.77 Mbit/s

95th percentile per-packet one-way delay: 93.631 ms

Loss rate: 0.68%

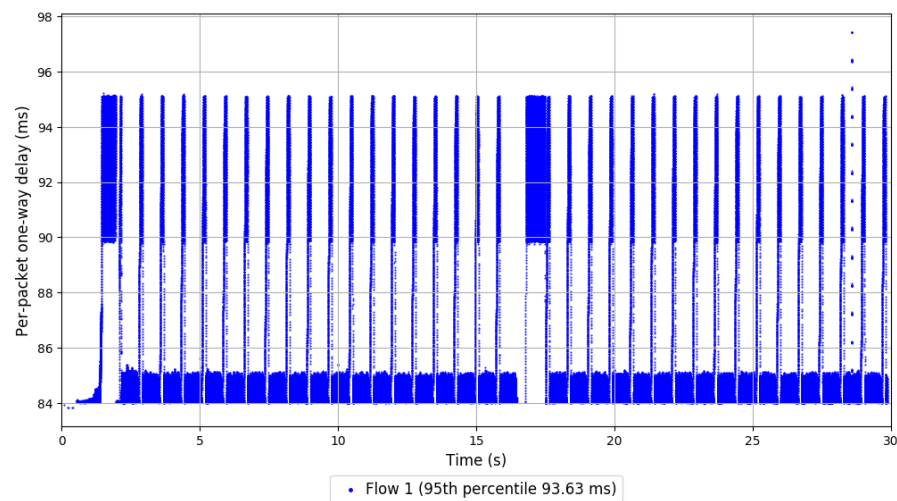
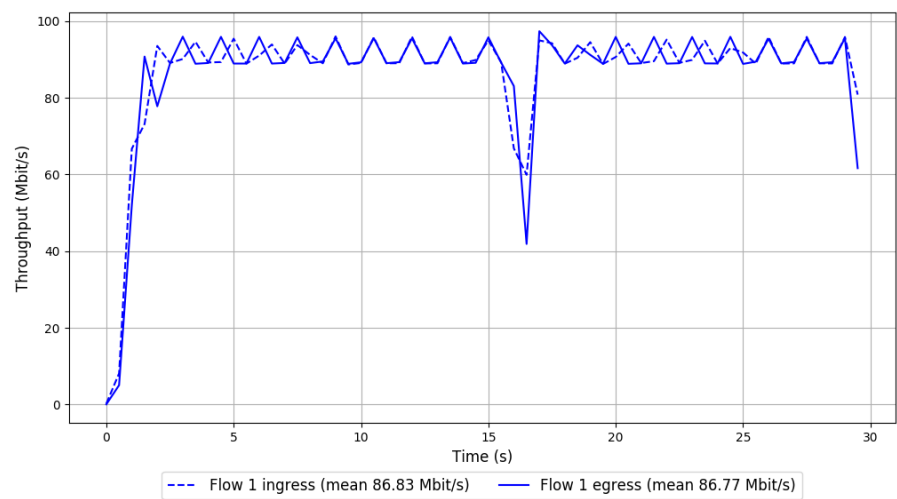
-- Flow 1:

Average throughput: 86.77 Mbit/s

95th percentile per-packet one-way delay: 93.631 ms

Loss rate: 0.68%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-04-03 06:06:29

End at: 2018-04-03 06:06:59

Local clock offset: -6.153 ms

Remote clock offset: 6.094 ms

Below is generated by plot.py at 2018-04-03 12:09:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.58 Mbit/s

95th percentile per-packet one-way delay: 94.179 ms

Loss rate: 0.70%

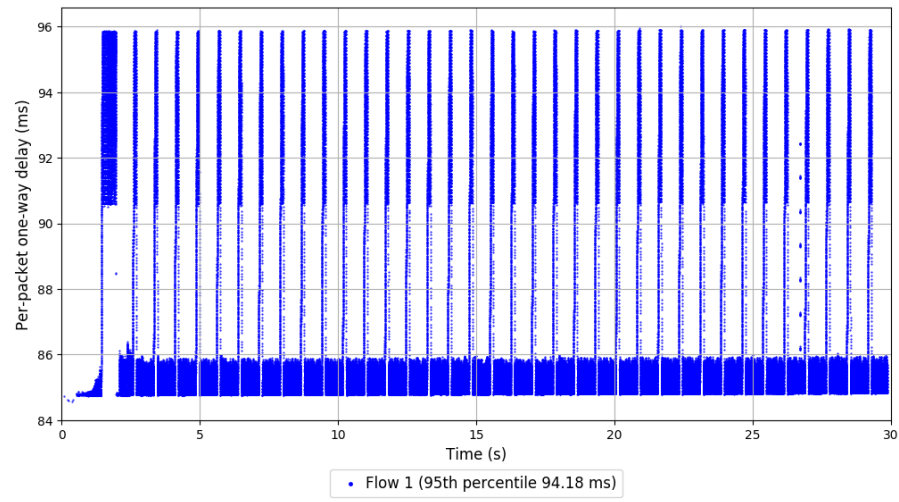
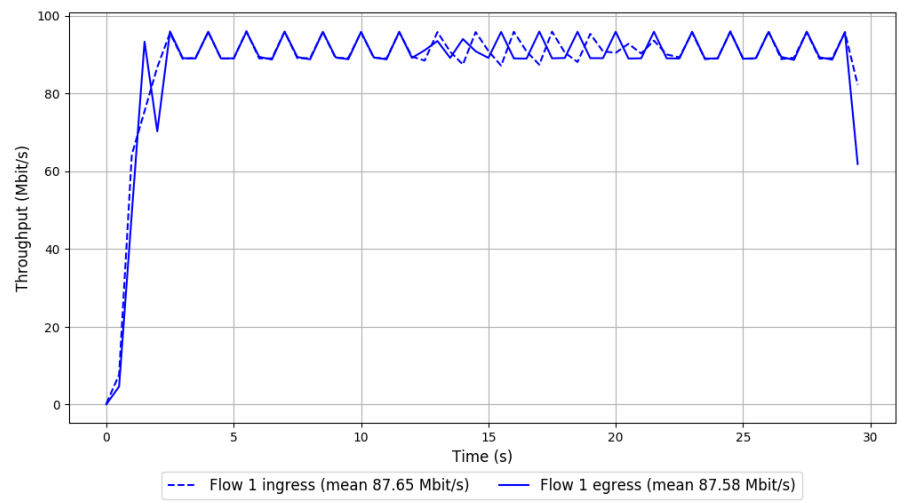
-- Flow 1:

Average throughput: 87.58 Mbit/s

95th percentile per-packet one-way delay: 94.179 ms

Loss rate: 0.70%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-04-03 06:28:44

End at: 2018-04-03 06:29:14

Local clock offset: -7.119 ms

Remote clock offset: 6.841 ms

Below is generated by plot.py at 2018-04-03 12:09:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.58 Mbit/s

95th percentile per-packet one-way delay: 93.900 ms

Loss rate: 0.68%

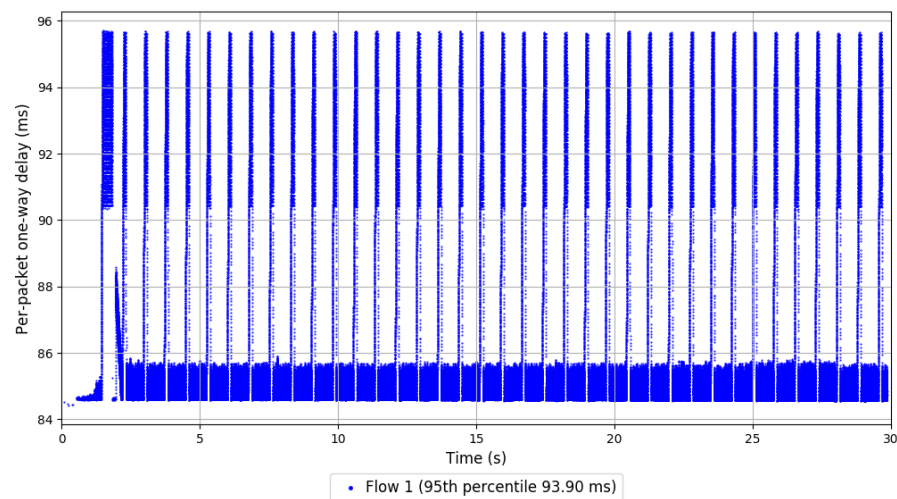
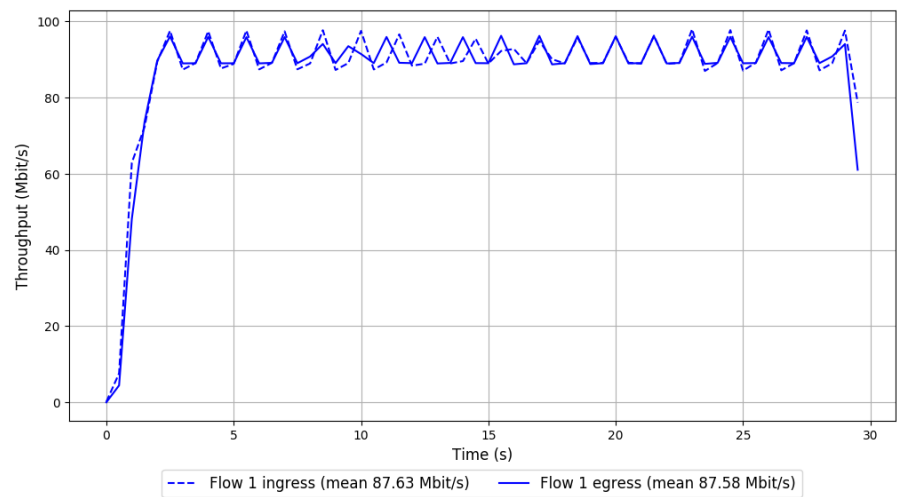
-- Flow 1:

Average throughput: 87.58 Mbit/s

95th percentile per-packet one-way delay: 93.900 ms

Loss rate: 0.68%

Run 6: Report of FillP — Data Link

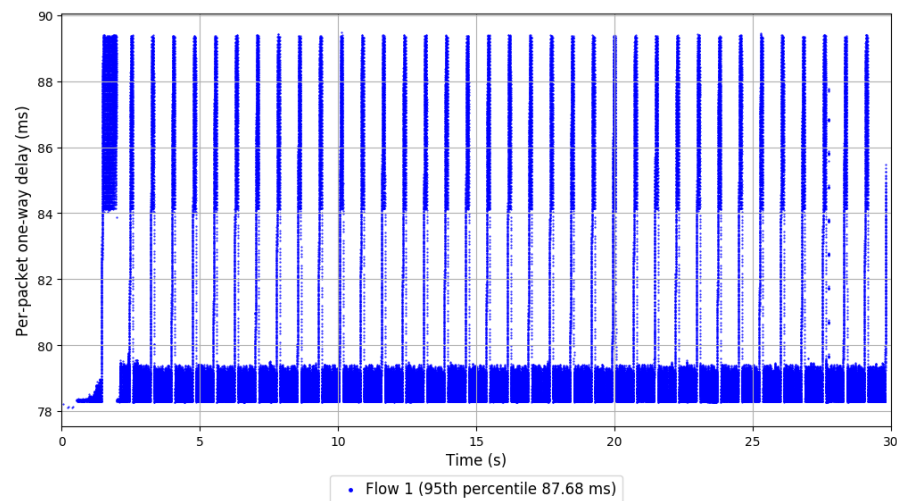
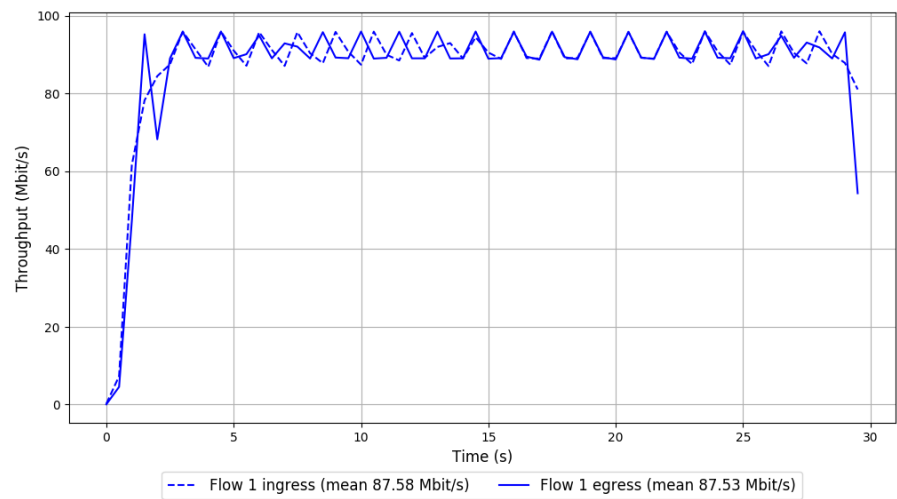


Run 7: Statistics of FillP

Start at: 2018-04-03 06:50:58
End at: 2018-04-03 06:51:28
Local clock offset: -7.175 ms
Remote clock offset: 10.957 ms

Below is generated by plot.py at 2018-04-03 12:09:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 87.680 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 87.680 ms
Loss rate: 0.67%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-04-03 07:13:13

End at: 2018-04-03 07:13:43

Local clock offset: -5.986 ms

Remote clock offset: 5.749 ms

Below is generated by plot.py at 2018-04-03 12:09:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.75 Mbit/s

95th percentile per-packet one-way delay: 95.585 ms

Loss rate: 2.61%

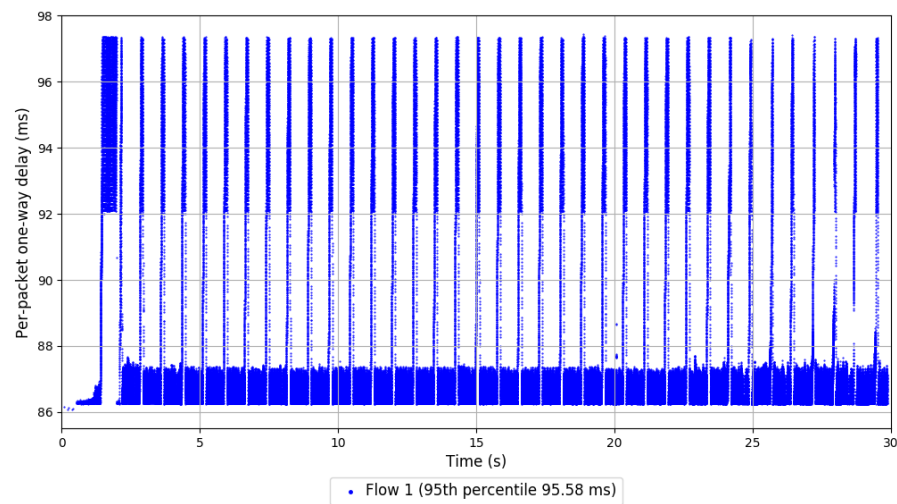
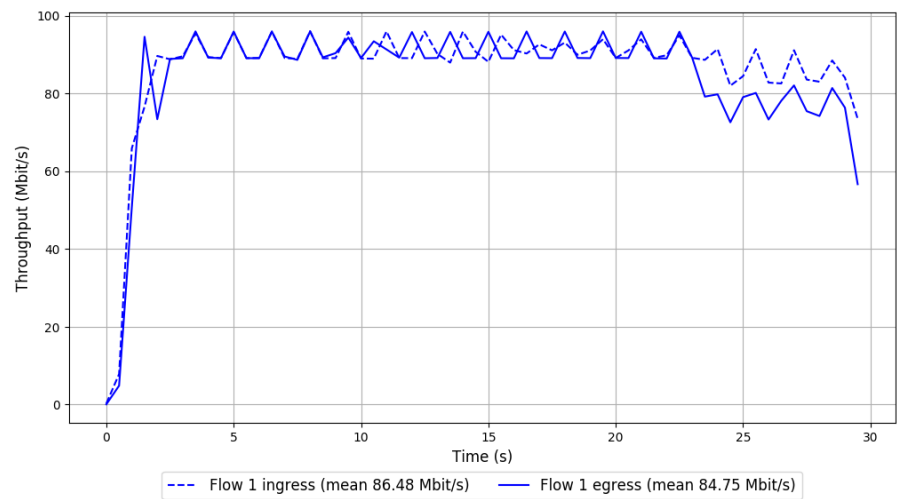
-- Flow 1:

Average throughput: 84.75 Mbit/s

95th percentile per-packet one-way delay: 95.585 ms

Loss rate: 2.61%

Run 8: Report of FillP — Data Link

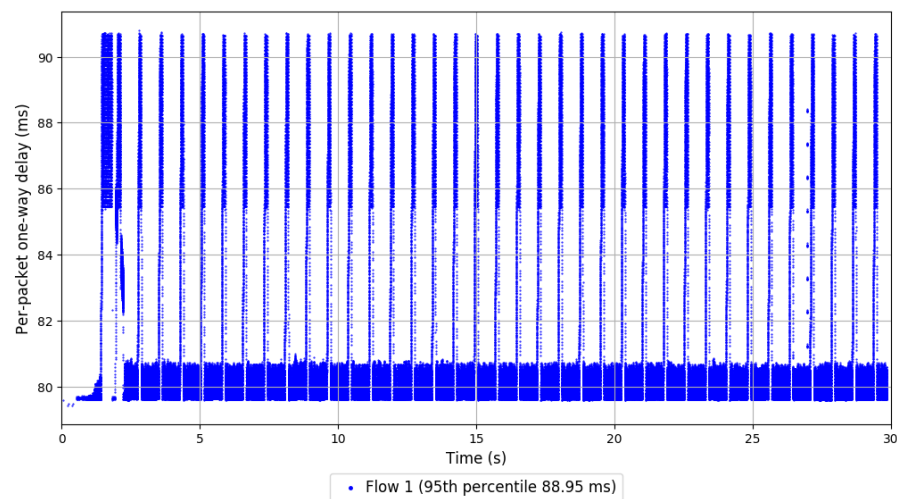
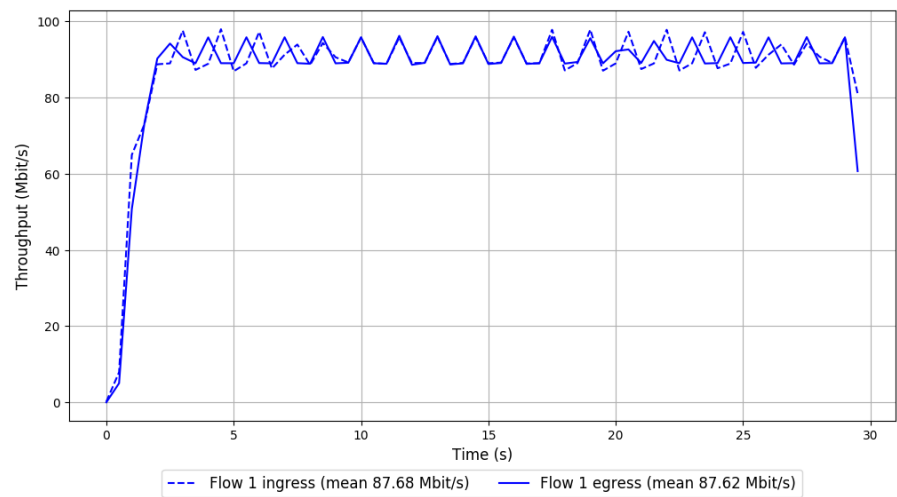


Run 9: Statistics of FillP

Start at: 2018-04-03 07:35:28
End at: 2018-04-03 07:35:58
Local clock offset: -5.707 ms
Remote clock offset: 11.513 ms

Below is generated by plot.py at 2018-04-03 12:09:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 88.946 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 88.946 ms
Loss rate: 0.68%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-04-03 07:57:43

End at: 2018-04-03 07:58:13

Local clock offset: -6.26 ms

Remote clock offset: 4.329 ms

Below is generated by plot.py at 2018-04-03 12:09:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.22 Mbit/s

95th percentile per-packet one-way delay: 95.321 ms

Loss rate: 11.35%

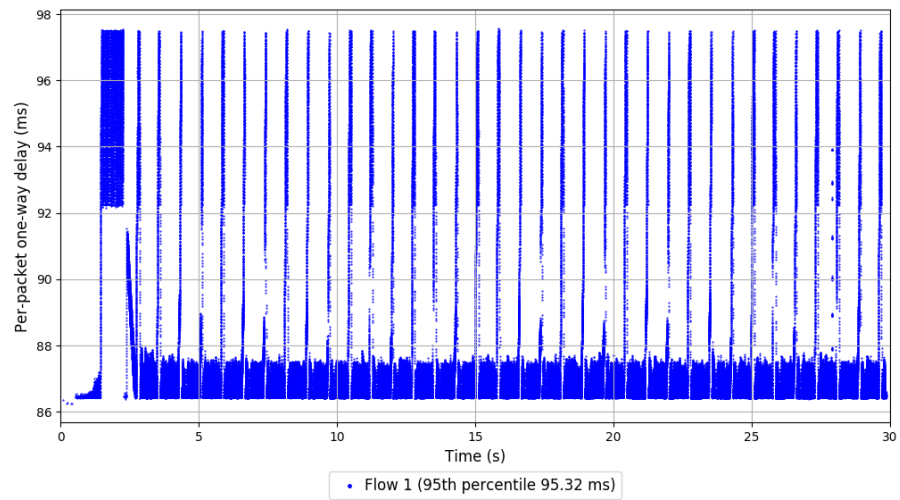
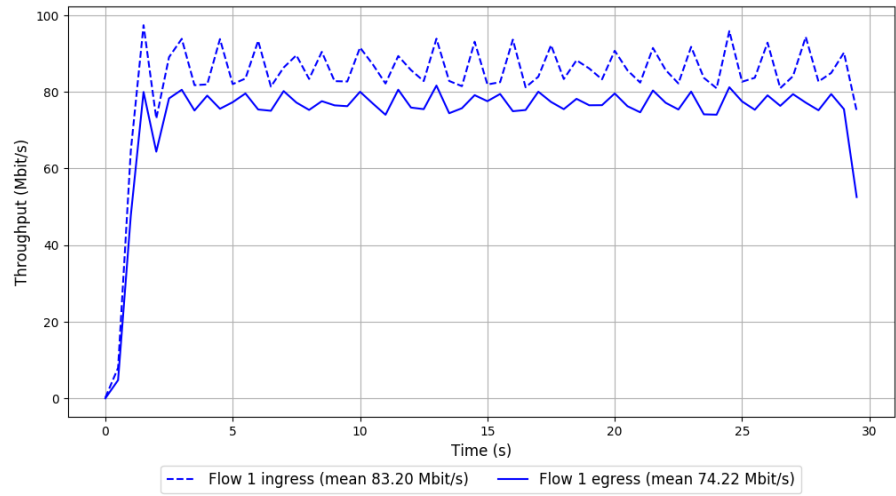
-- Flow 1:

Average throughput: 74.22 Mbit/s

95th percentile per-packet one-way delay: 95.321 ms

Loss rate: 11.35%

Run 10: Report of FillP — Data Link

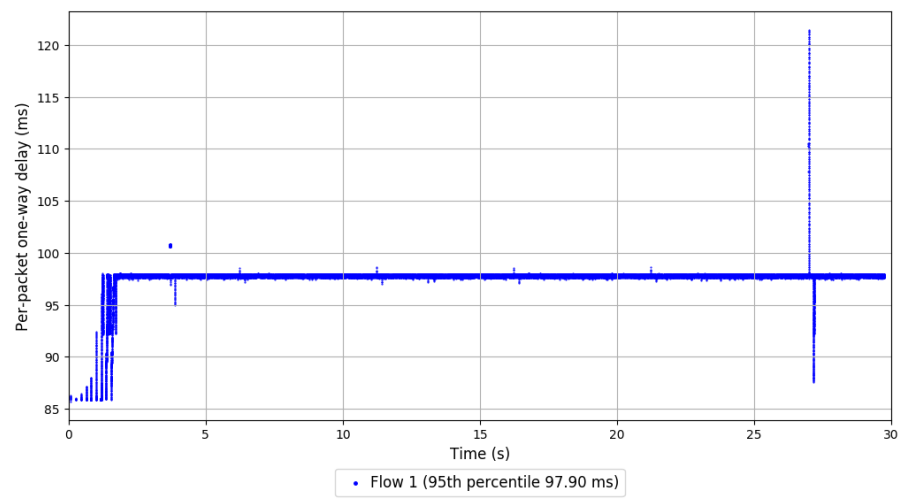
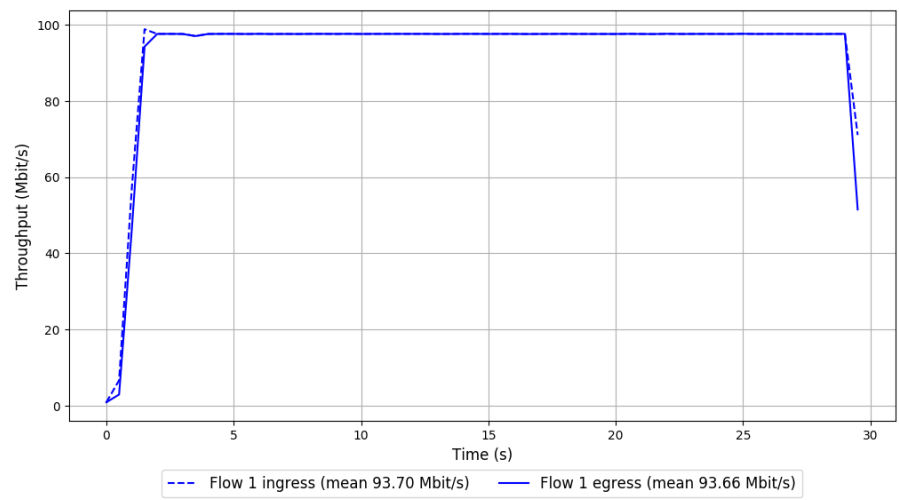


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-04-03 04:32:38
End at: 2018-04-03 04:33:08
Local clock offset: -5.455 ms
Remote clock offset: 6.46 ms

# Below is generated by plot.py at 2018-04-03 12:10:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 97.900 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 97.900 ms
Loss rate: 0.69%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-04-03 04:54:55

End at: 2018-04-03 04:55:25

Local clock offset: -2.696 ms

Remote clock offset: 5.759 ms

Below is generated by plot.py at 2018-04-03 12:10:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.52 Mbit/s

95th percentile per-packet one-way delay: 96.730 ms

Loss rate: 0.66%

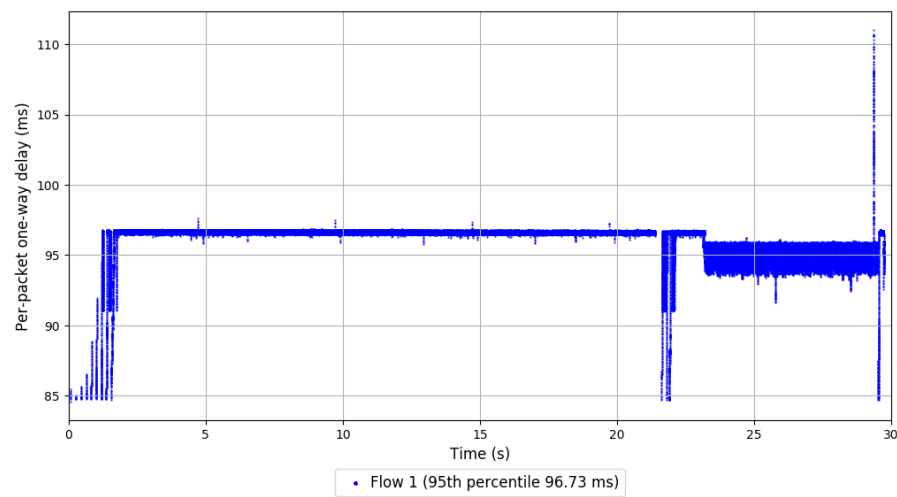
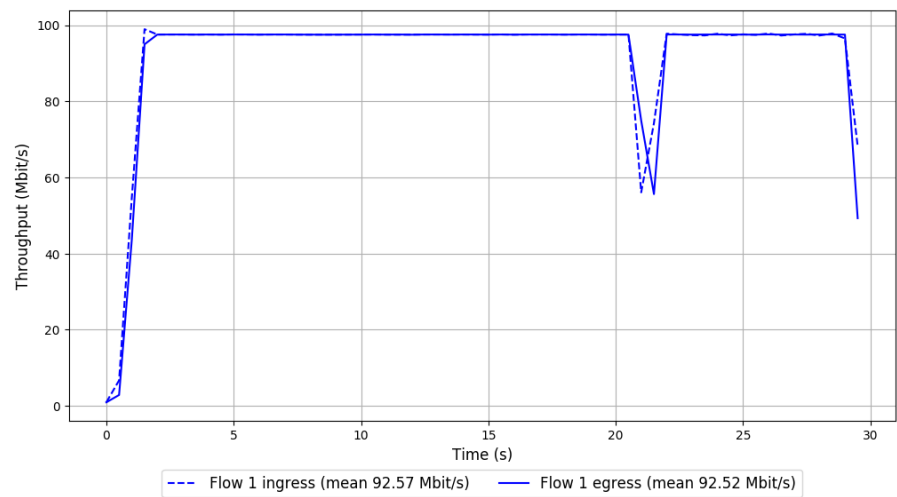
-- Flow 1:

Average throughput: 92.52 Mbit/s

95th percentile per-packet one-way delay: 96.730 ms

Loss rate: 0.66%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-04-03 05:17:06

End at: 2018-04-03 05:17:36

Local clock offset: -1.128 ms

Remote clock offset: 5.702 ms

Below is generated by plot.py at 2018-04-03 12:10:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 97.773 ms

Loss rate: 0.66%

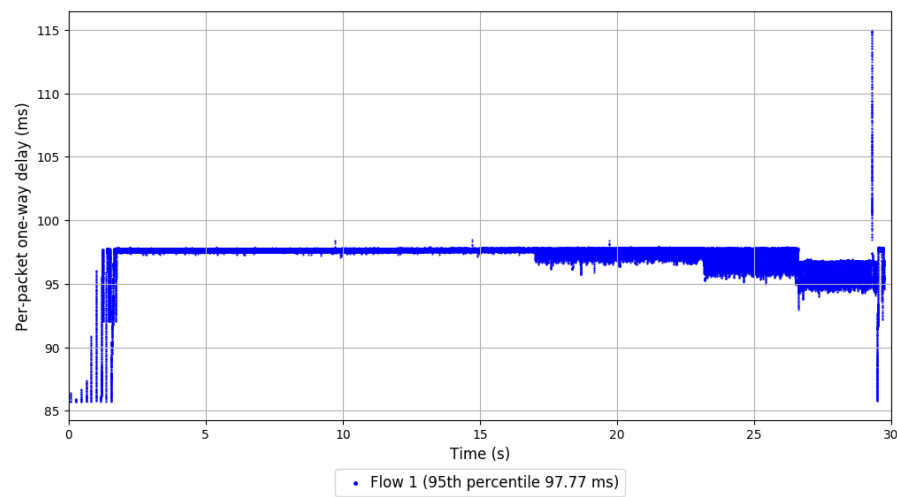
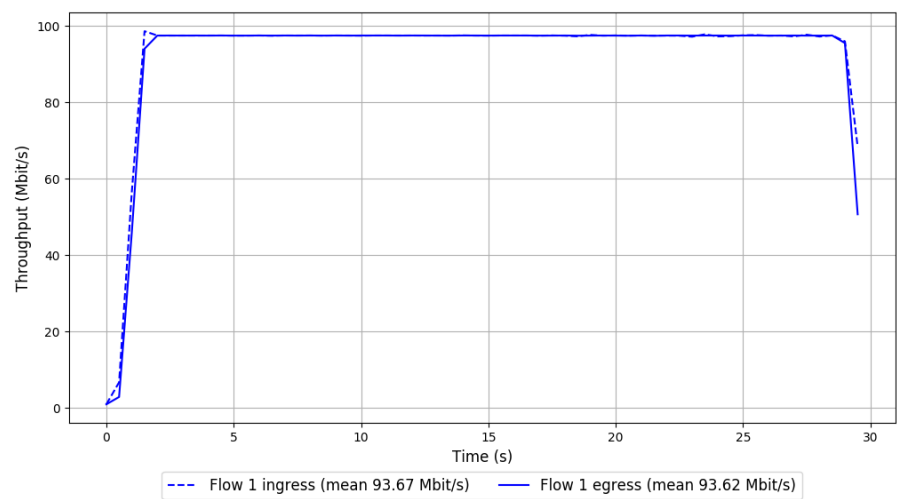
-- Flow 1:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 97.773 ms

Loss rate: 0.66%

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

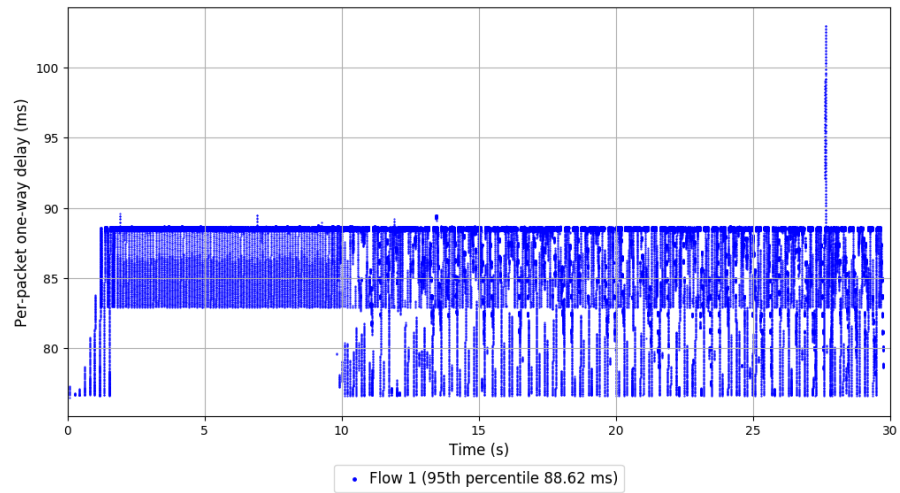
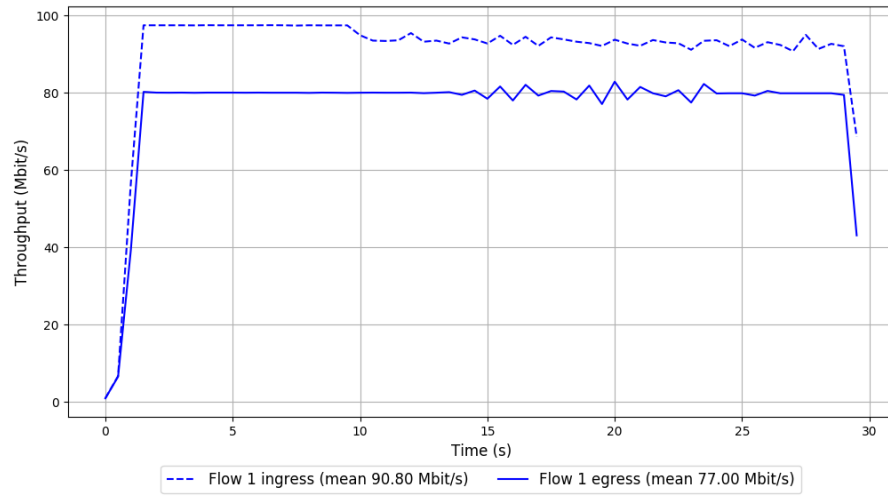


Run 4: Statistics of Indigo-1-32

Start at: 2018-04-03 05:39:19
End at: 2018-04-03 05:39:50
Local clock offset: -2.616 ms
Remote clock offset: 11.941 ms

Below is generated by plot.py at 2018-04-03 12:10:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 88.617 ms
Loss rate: 15.74%
-- Flow 1:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 88.617 ms
Loss rate: 15.74%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-04-03 06:01:34

End at: 2018-04-03 06:02:04

Local clock offset: -5.58 ms

Remote clock offset: 11.21 ms

Below is generated by plot.py at 2018-04-03 12:10:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.60 Mbit/s

95th percentile per-packet one-way delay: 88.800 ms

Loss rate: 0.66%

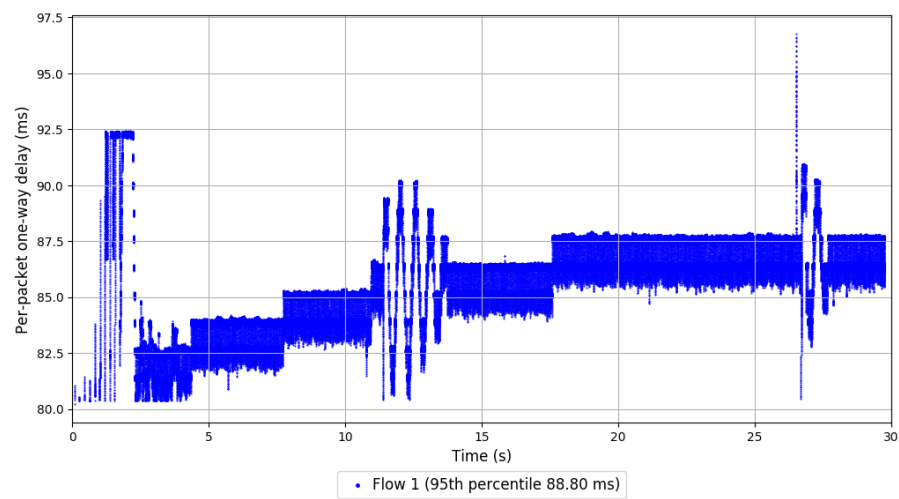
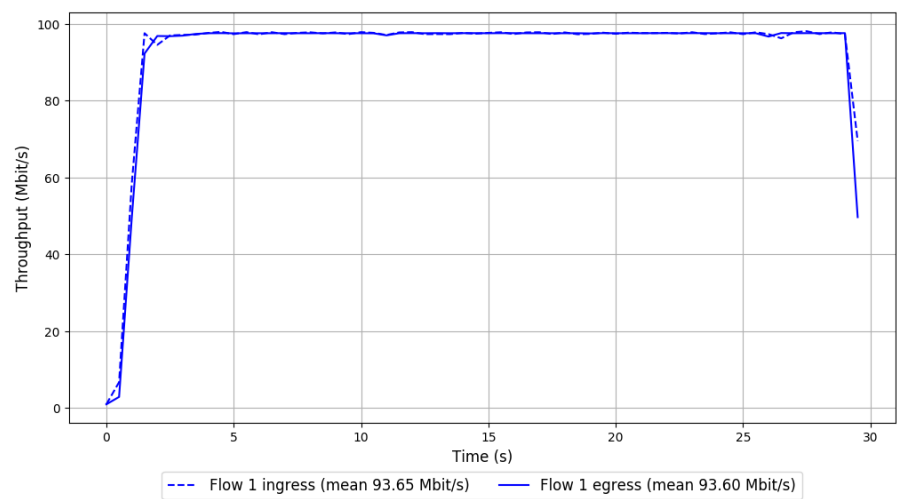
-- Flow 1:

Average throughput: 93.60 Mbit/s

95th percentile per-packet one-way delay: 88.800 ms

Loss rate: 0.66%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-04-03 06:23:47

End at: 2018-04-03 06:24:17

Local clock offset: -7.271 ms

Remote clock offset: 6.133 ms

Below is generated by plot.py at 2018-04-03 12:10:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 92.713 ms

Loss rate: 0.63%

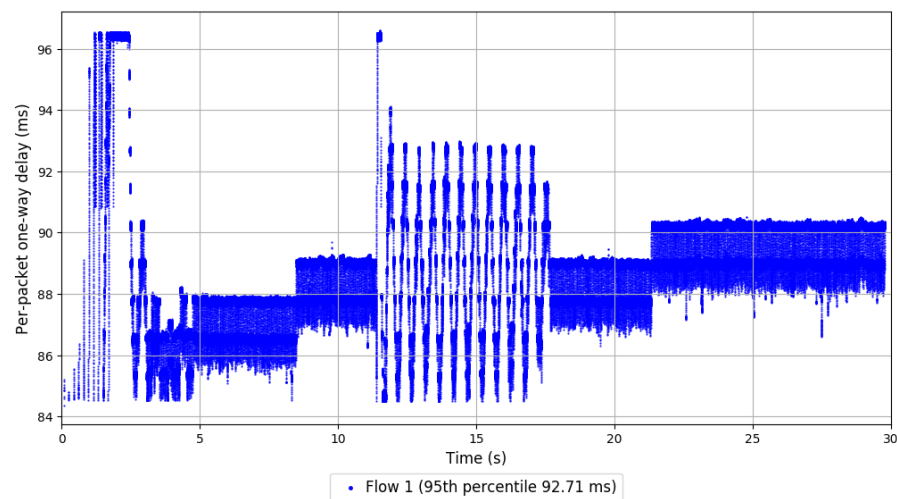
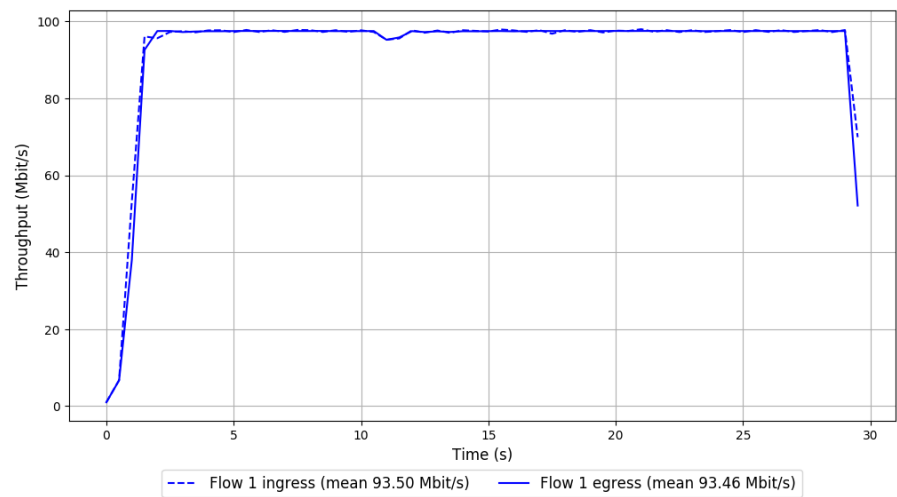
-- Flow 1:

Average throughput: 93.46 Mbit/s

95th percentile per-packet one-way delay: 92.713 ms

Loss rate: 0.63%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-04-03 06:46:02

End at: 2018-04-03 06:46:32

Local clock offset: -7.101 ms

Remote clock offset: 5.621 ms

Below is generated by plot.py at 2018-04-03 12:11:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.45 Mbit/s

95th percentile per-packet one-way delay: 98.792 ms

Loss rate: 0.69%

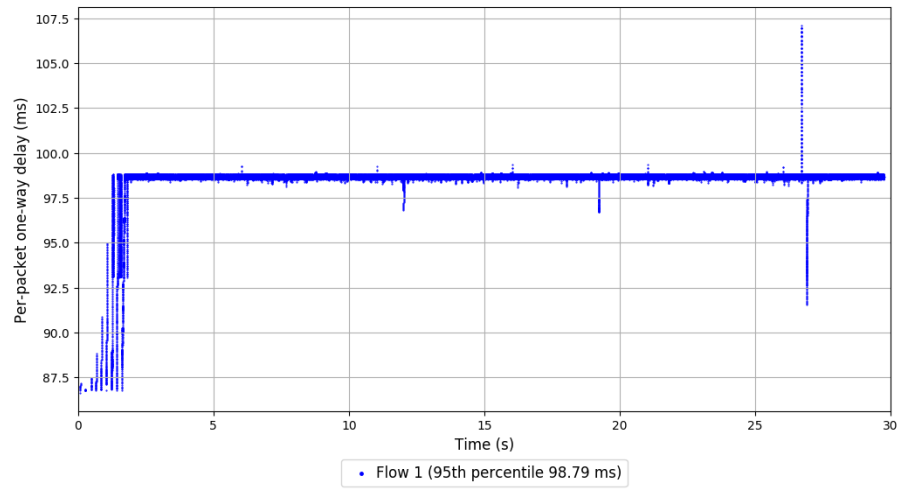
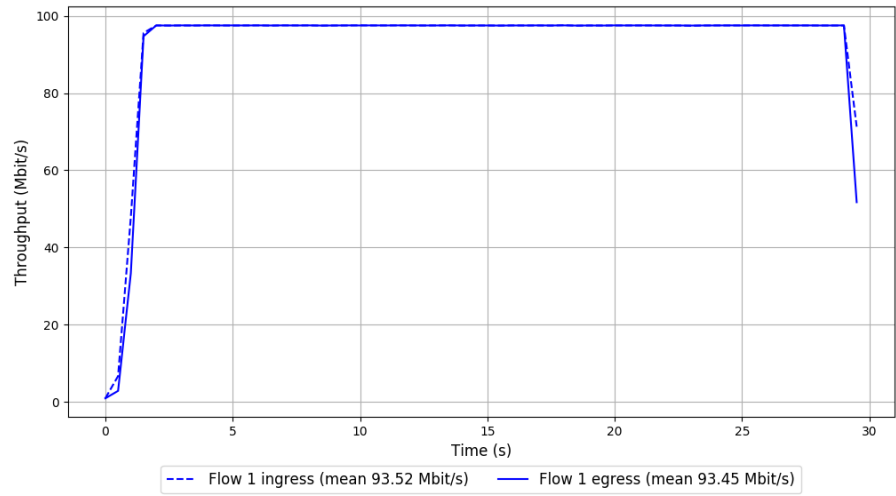
-- Flow 1:

Average throughput: 93.45 Mbit/s

95th percentile per-packet one-way delay: 98.792 ms

Loss rate: 0.69%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-04-03 07:08:14

End at: 2018-04-03 07:08:45

Local clock offset: -6.201 ms

Remote clock offset: 6.832 ms

Below is generated by plot.py at 2018-04-03 12:11:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 89.716 ms

Loss rate: 0.65%

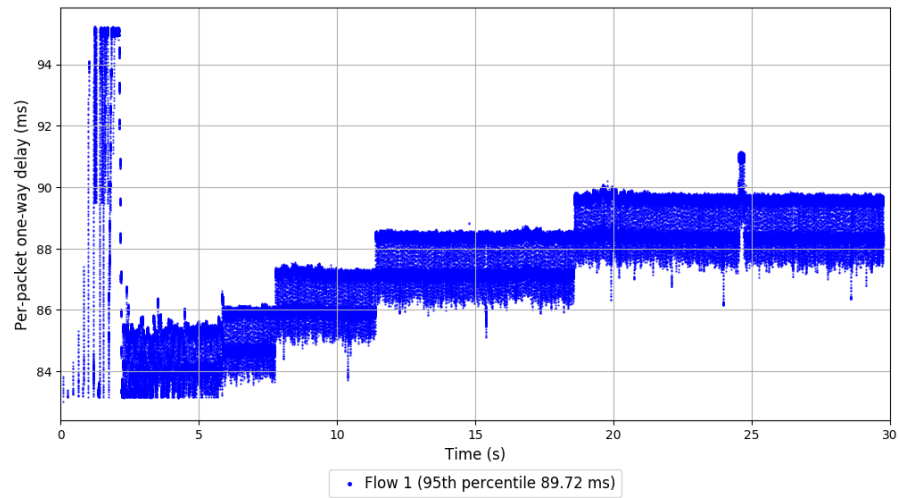
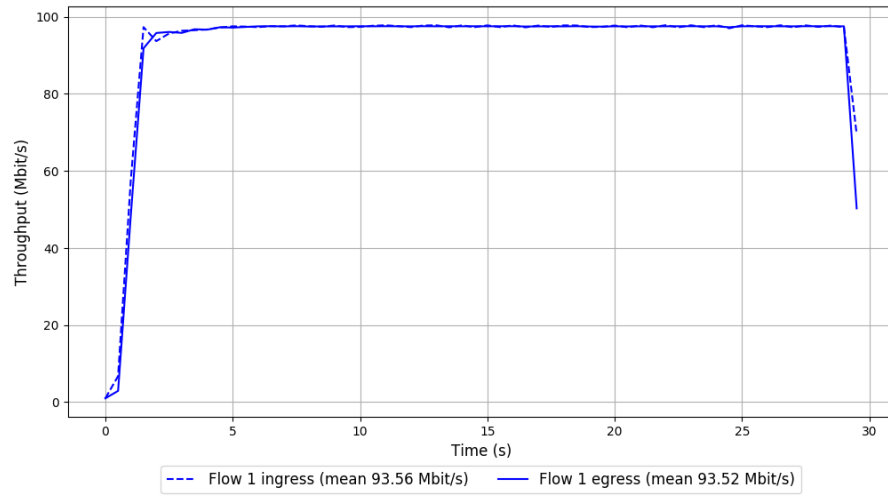
-- Flow 1:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 89.716 ms

Loss rate: 0.65%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-04-03 07:30:32

End at: 2018-04-03 07:31:02

Local clock offset: -5.495 ms

Remote clock offset: 11.999 ms

Below is generated by plot.py at 2018-04-03 12:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.54 Mbit/s

95th percentile per-packet one-way delay: 90.237 ms

Loss rate: 0.68%

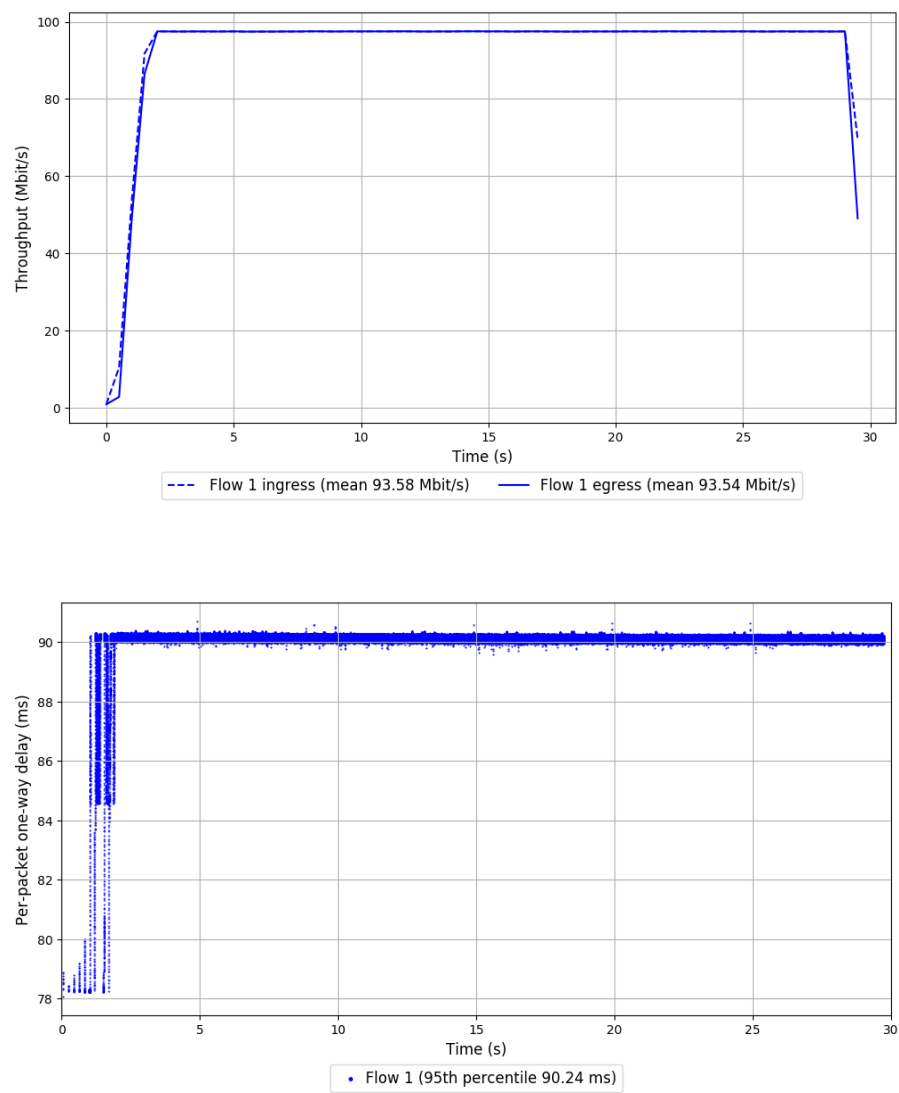
-- Flow 1:

Average throughput: 93.54 Mbit/s

95th percentile per-packet one-way delay: 90.237 ms

Loss rate: 0.68%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-04-03 07:52:42

End at: 2018-04-03 07:53:12

Local clock offset: -6.223 ms

Remote clock offset: 4.388 ms

Below is generated by plot.py at 2018-04-03 12:11:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.66 Mbit/s

95th percentile per-packet one-way delay: 94.085 ms

Loss rate: 0.65%

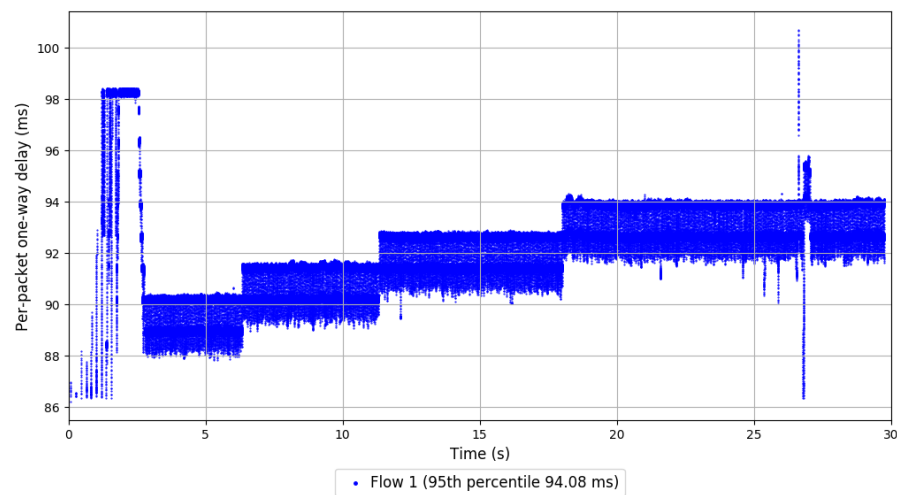
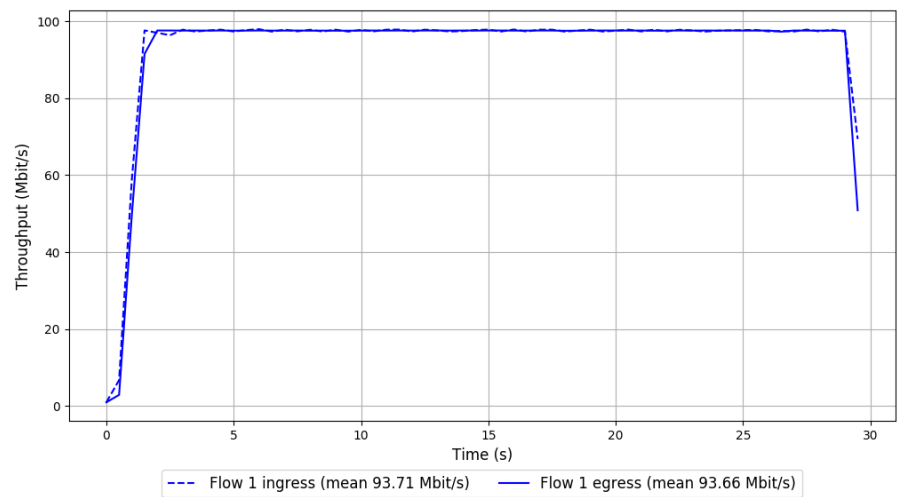
-- Flow 1:

Average throughput: 93.66 Mbit/s

95th percentile per-packet one-way delay: 94.085 ms

Loss rate: 0.65%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-04-03 04:35:05

End at: 2018-04-03 04:35:35

Local clock offset: -5.413 ms

Remote clock offset: 5.577 ms

Below is generated by plot.py at 2018-04-03 12:11:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.45 Mbit/s

95th percentile per-packet one-way delay: 96.988 ms

Loss rate: 0.70%

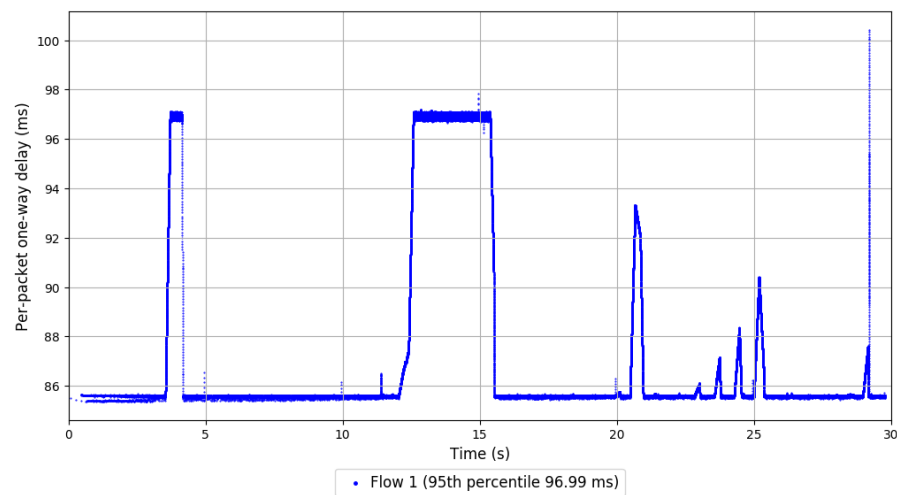
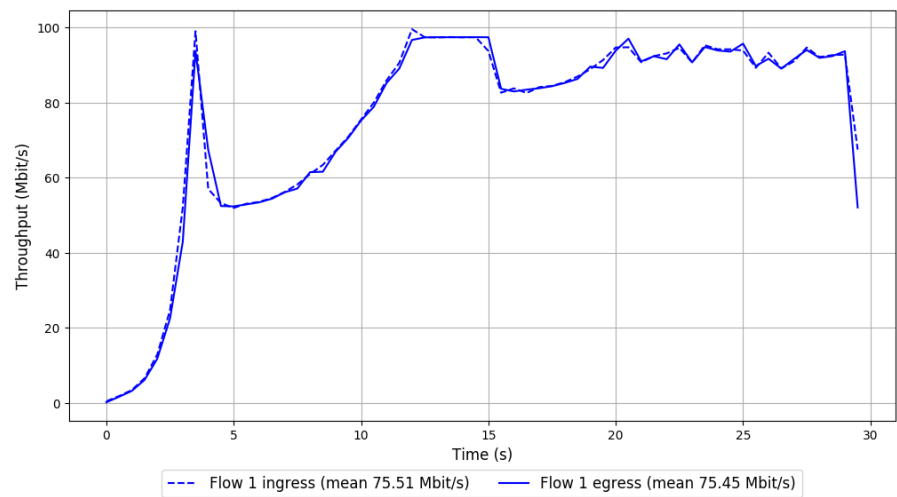
-- Flow 1:

Average throughput: 75.45 Mbit/s

95th percentile per-packet one-way delay: 96.988 ms

Loss rate: 0.70%

Run 1: Report of Vivace-latency — Data Link

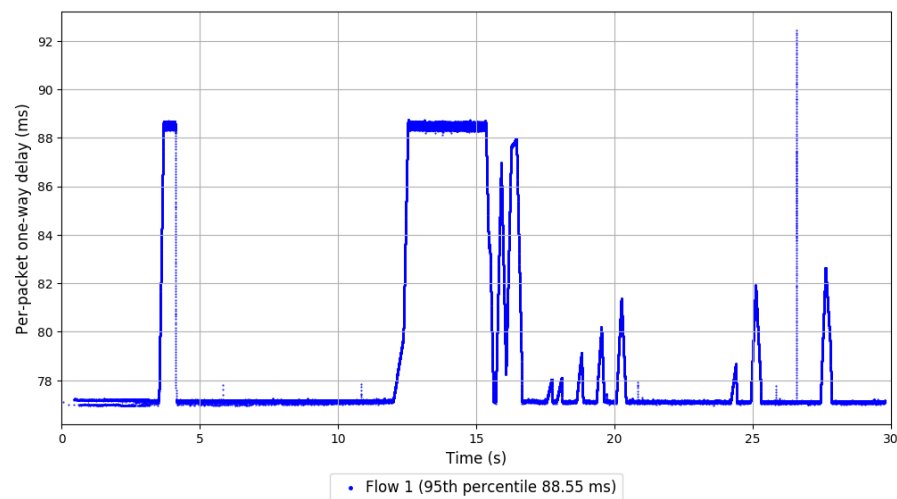
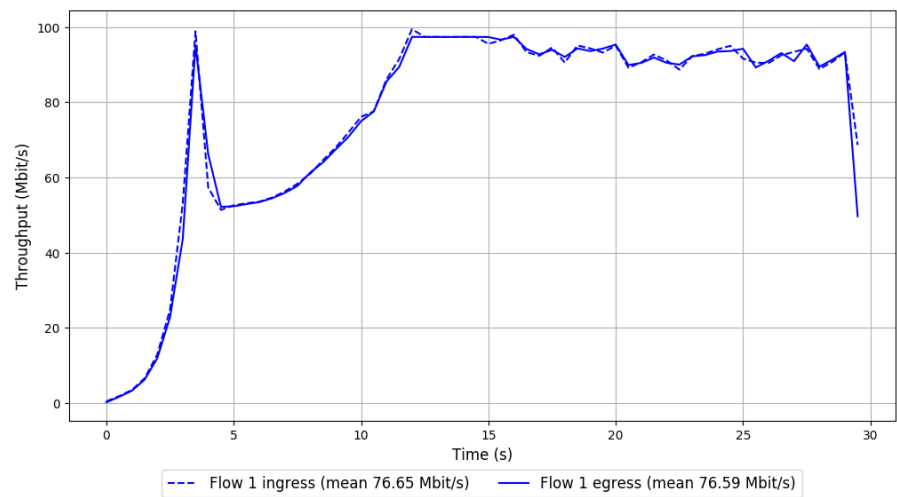


Run 2: Statistics of Vivace-latency

Start at: 2018-04-03 04:57:21
End at: 2018-04-03 04:57:51
Local clock offset: -2.399 ms
Remote clock offset: 12.109 ms

Below is generated by plot.py at 2018-04-03 12:11:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 88.551 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 76.59 Mbit/s
95th percentile per-packet one-way delay: 88.551 ms
Loss rate: 0.71%

Run 2: Report of Vivace-latency — Data Link

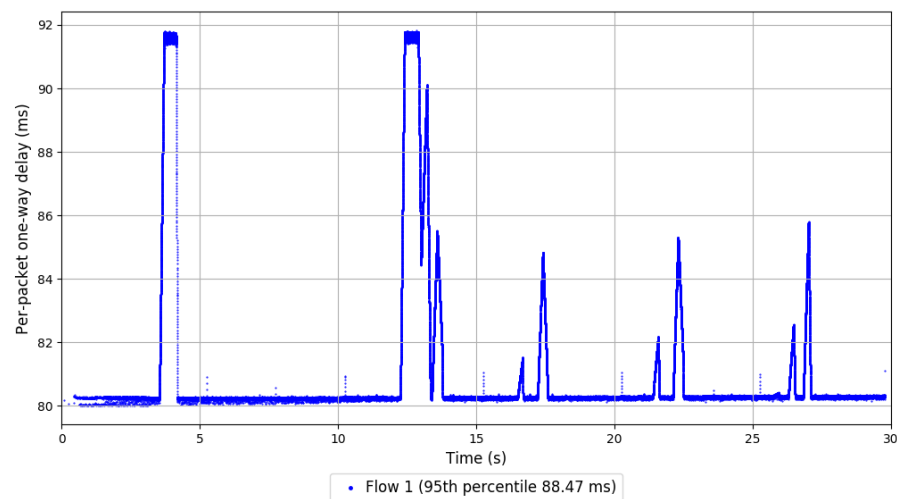
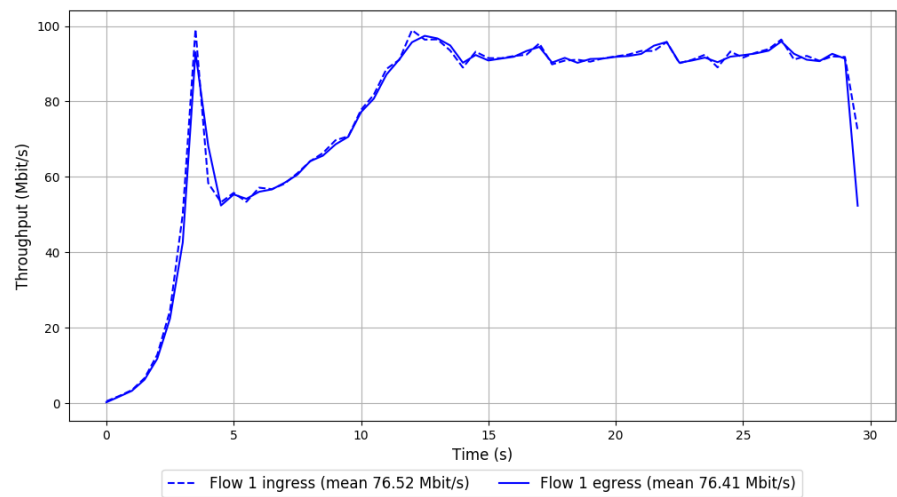


Run 3: Statistics of Vivace-latency

Start at: 2018-04-03 05:19:33
End at: 2018-04-03 05:20:03
Local clock offset: -1.602 ms
Remote clock offset: 10.984 ms

Below is generated by plot.py at 2018-04-03 12:12:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 88.469 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 76.41 Mbit/s
95th percentile per-packet one-way delay: 88.469 ms
Loss rate: 0.77%

Run 3: Report of Vivace-latency — Data Link

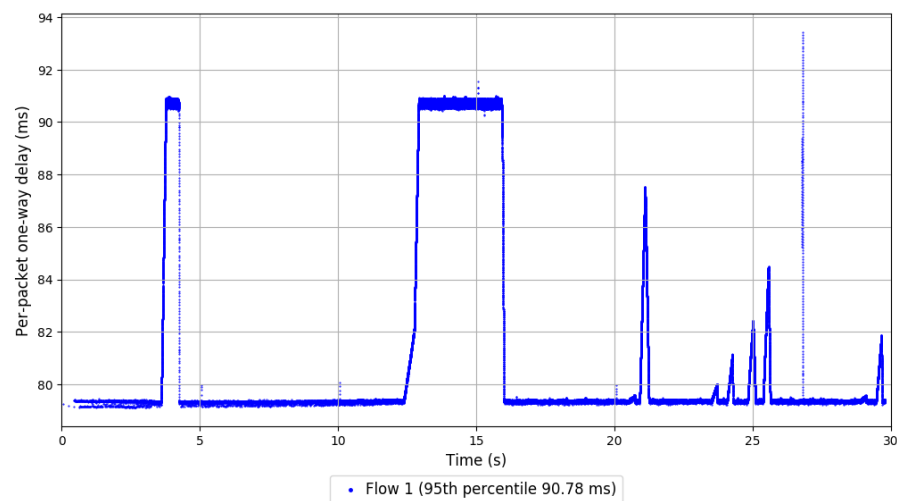
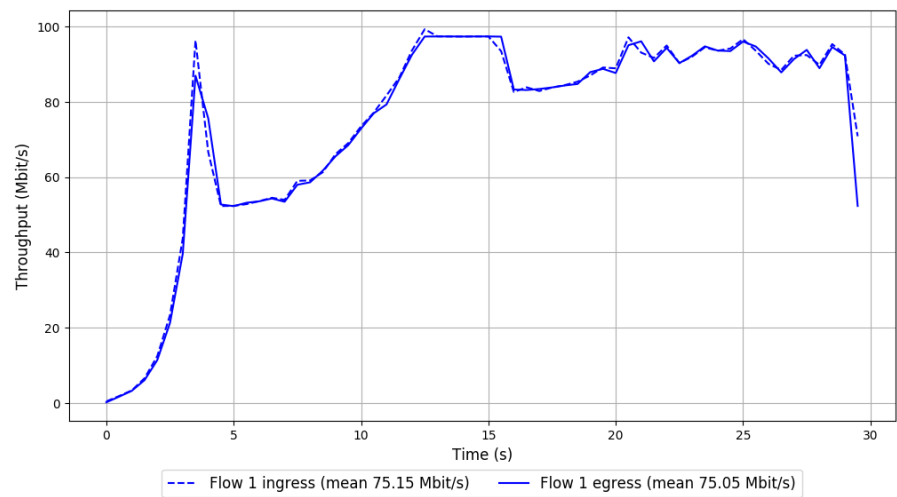


Run 4: Statistics of Vivace-latency

Start at: 2018-04-03 05:41:46
End at: 2018-04-03 05:42:16
Local clock offset: -2.529 ms
Remote clock offset: 11.008 ms

Below is generated by plot.py at 2018-04-03 12:12:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 90.777 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 90.777 ms
Loss rate: 0.76%

Run 4: Report of Vivace-latency — Data Link

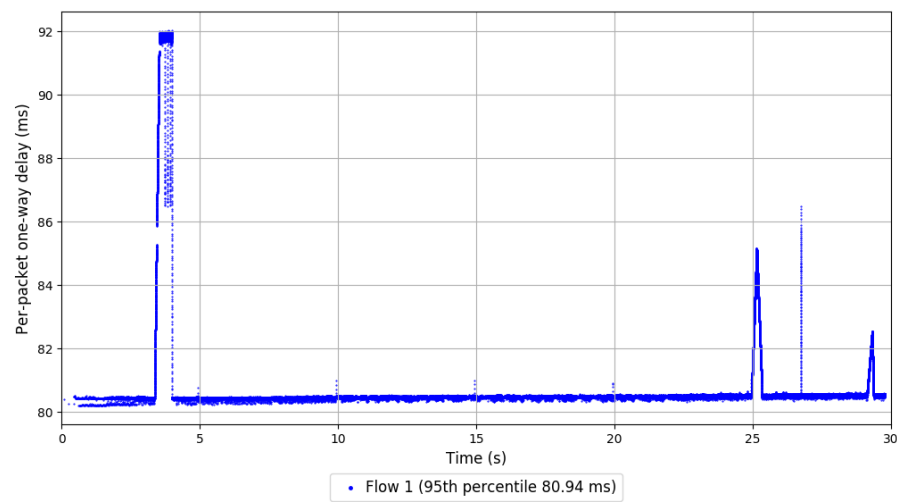
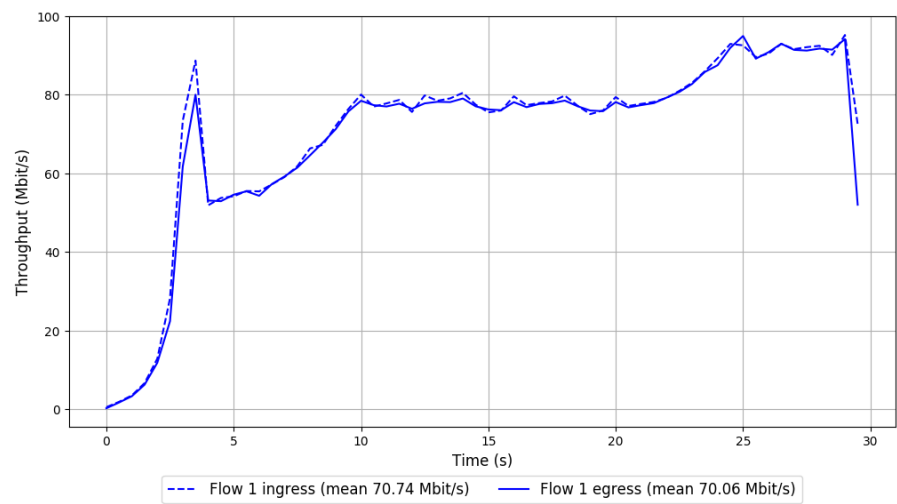


Run 5: Statistics of Vivace-latency

Start at: 2018-04-03 06:04:00
End at: 2018-04-03 06:04:30
Local clock offset: -5.893 ms
Remote clock offset: 12.429 ms

Below is generated by plot.py at 2018-04-03 12:12:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 80.942 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 80.942 ms
Loss rate: 1.57%

Run 5: Report of Vivace-latency — Data Link

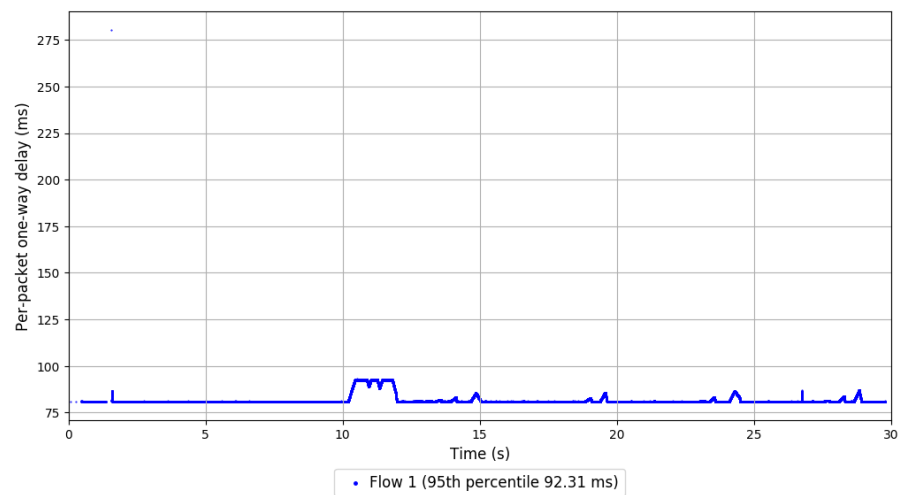
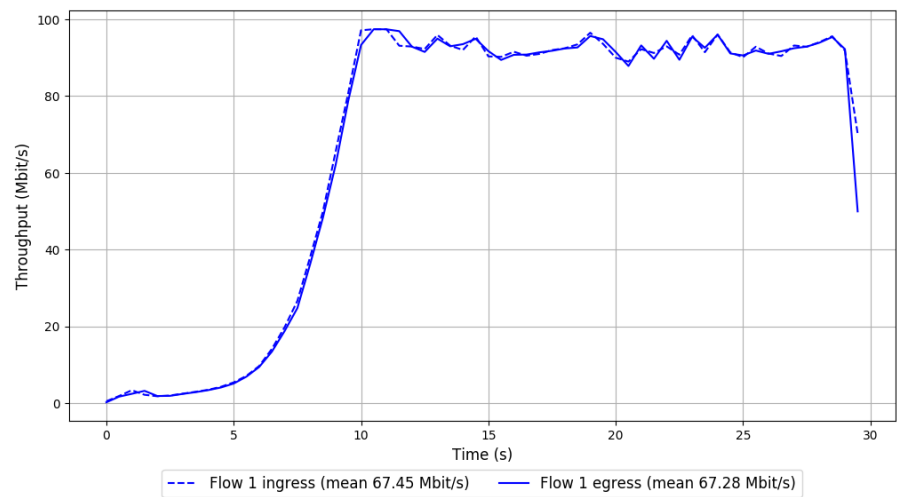


Run 6: Statistics of Vivace-latency

Start at: 2018-04-03 06:26:14
End at: 2018-04-03 06:26:44
Local clock offset: -7.143 ms
Remote clock offset: 11.468 ms

Below is generated by plot.py at 2018-04-03 12:12:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.28 Mbit/s
95th percentile per-packet one-way delay: 92.311 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 67.28 Mbit/s
95th percentile per-packet one-way delay: 92.311 ms
Loss rate: 0.87%

Run 6: Report of Vivace-latency — Data Link

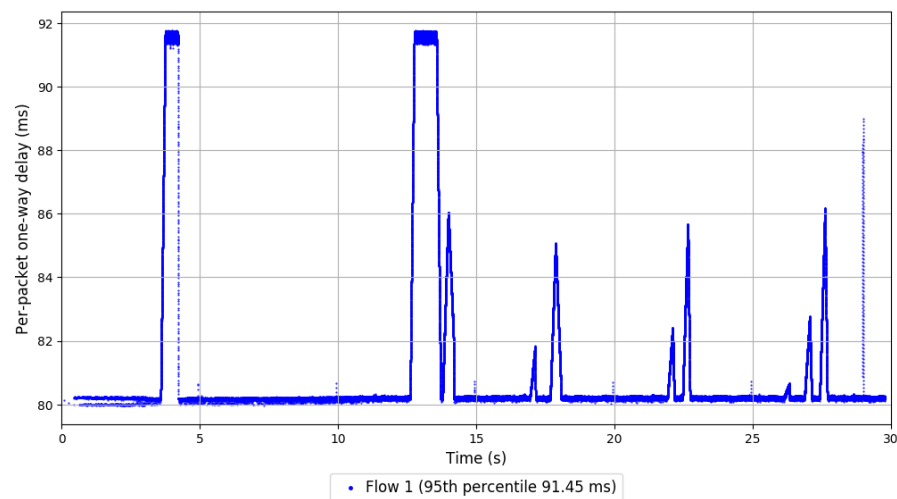
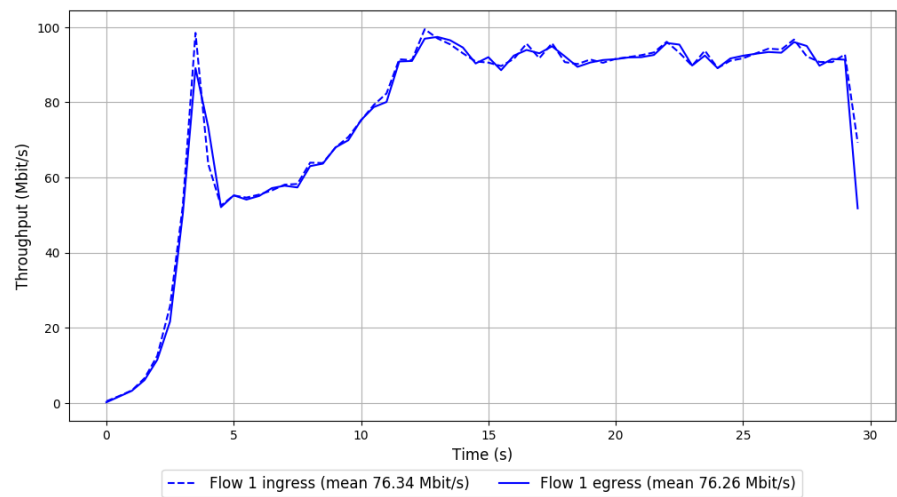


Run 7: Statistics of Vivace-latency

Start at: 2018-04-03 06:48:28
End at: 2018-04-03 06:48:58
Local clock offset: -7.133 ms
Remote clock offset: 12.017 ms

Below is generated by plot.py at 2018-04-03 12:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 91.452 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 91.452 ms
Loss rate: 0.72%

Run 7: Report of Vivace-latency — Data Link

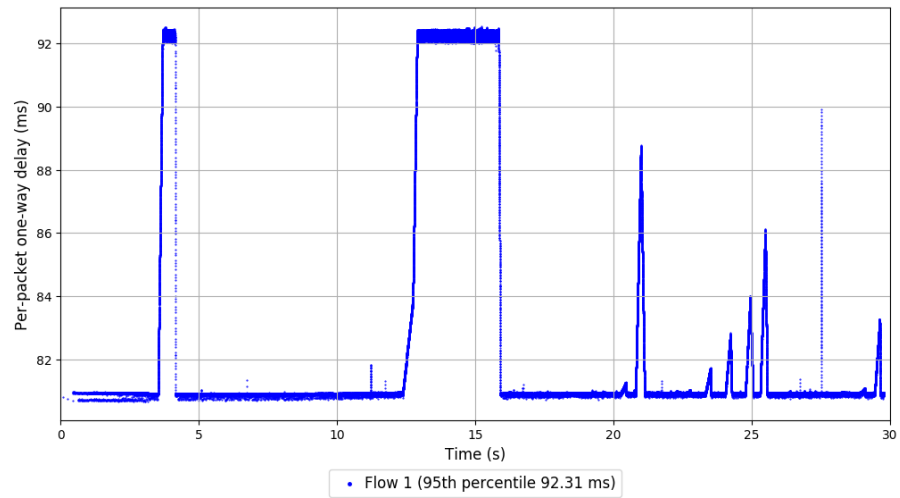
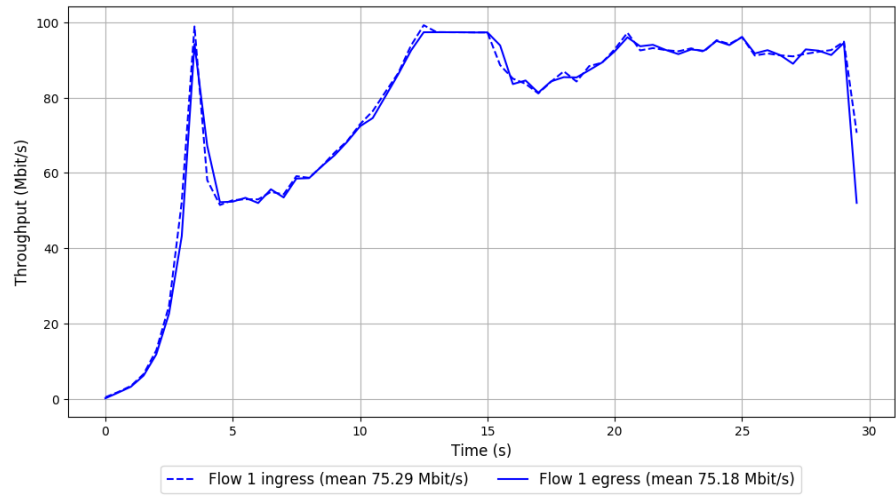


Run 8: Statistics of Vivace-latency

Start at: 2018-04-03 07:10:42
End at: 2018-04-03 07:11:12
Local clock offset: -6.11 ms
Remote clock offset: 11.165 ms

Below is generated by plot.py at 2018-04-03 12:12:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.18 Mbit/s
95th percentile per-packet one-way delay: 92.315 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 75.18 Mbit/s
95th percentile per-packet one-way delay: 92.315 ms
Loss rate: 0.77%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-04-03 07:32:58

End at: 2018-04-03 07:33:28

Local clock offset: -5.499 ms

Remote clock offset: 6.304 ms

Below is generated by plot.py at 2018-04-03 12:12:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.00 Mbit/s

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

Loss rate: 2.20%

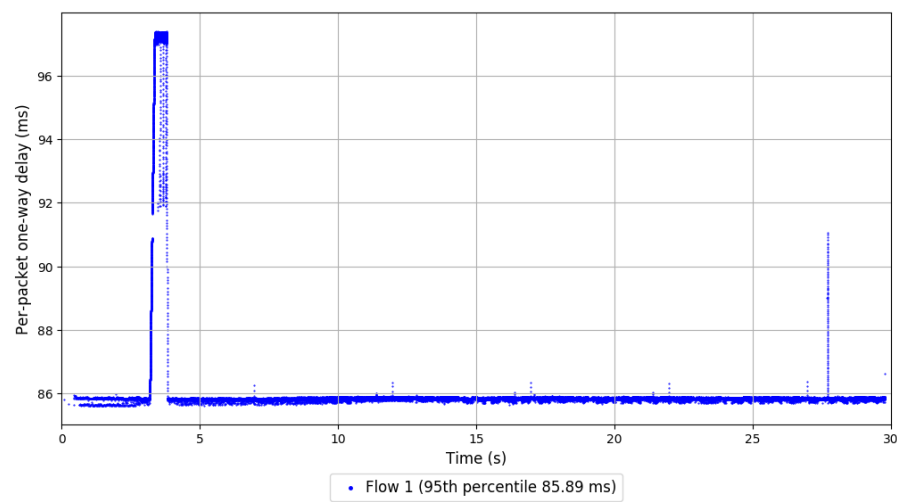
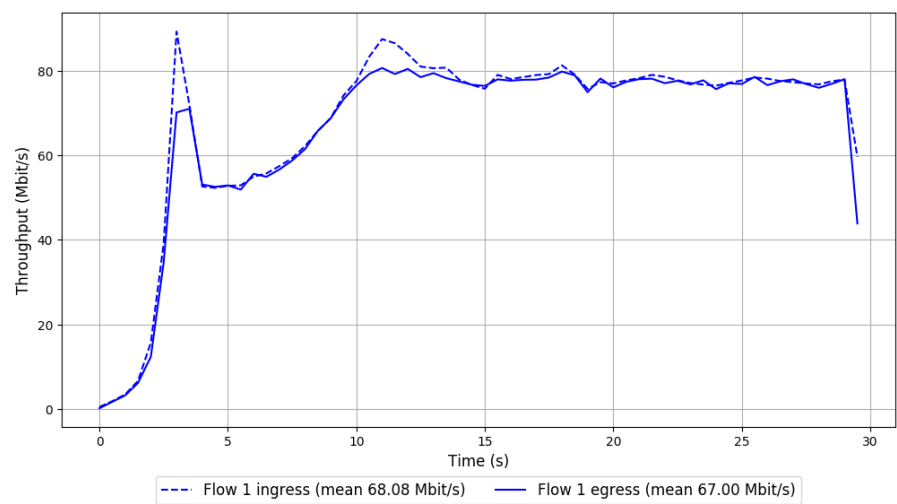
-- Flow 1:

Average throughput: 67.00 Mbit/s

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

Loss rate: 2.20%

Run 9: Report of Vivace-latency — Data Link

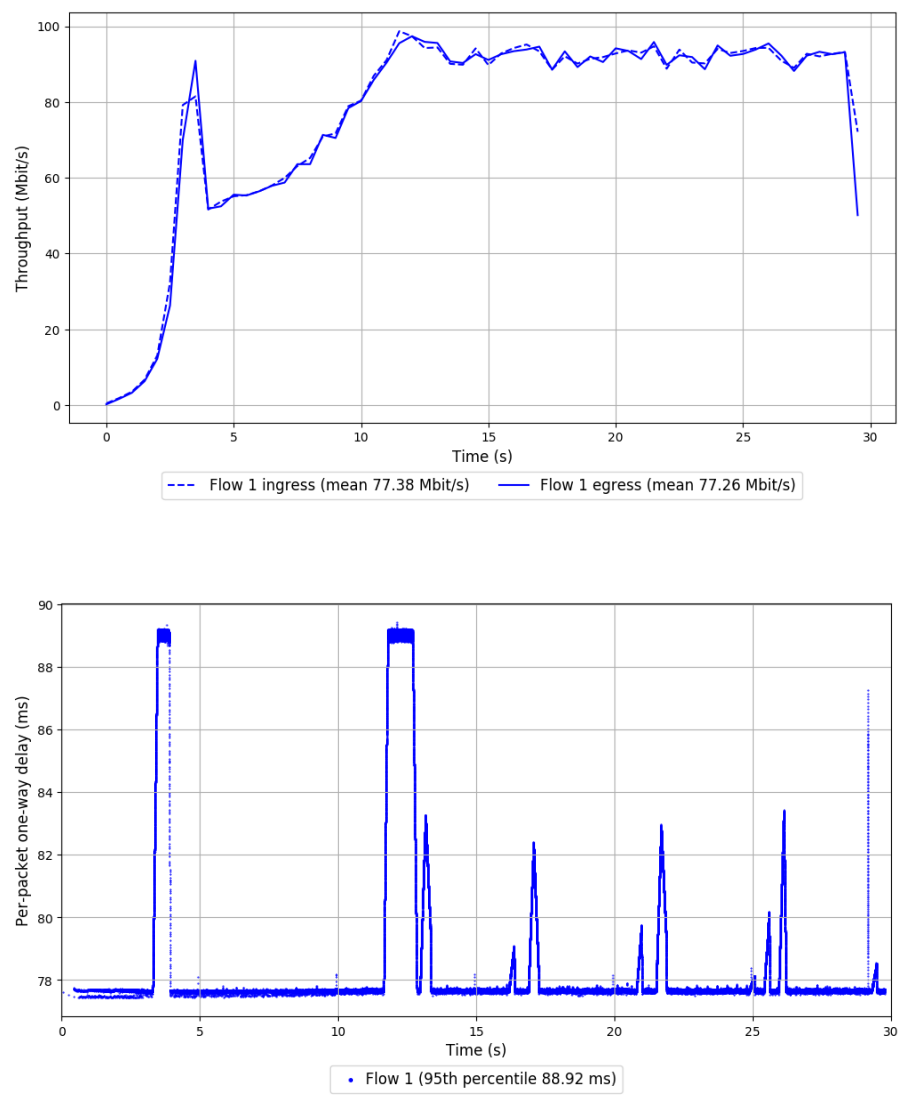


Run 10: Statistics of Vivace-latency

Start at: 2018-04-03 07:55:13
End at: 2018-04-03 07:55:43
Local clock offset: -6.249 ms
Remote clock offset: 10.705 ms

Below is generated by plot.py at 2018-04-03 12:12:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.26 Mbit/s
95th percentile per-packet one-way delay: 88.924 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 77.26 Mbit/s
95th percentile per-packet one-way delay: 88.924 ms
Loss rate: 0.77%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-04-03 04:40:01

End at: 2018-04-03 04:40:31

Local clock offset: -5.375 ms

Remote clock offset: 5.373 ms

Below is generated by plot.py at 2018-04-03 12:13:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.71 Mbit/s

95th percentile per-packet one-way delay: 95.483 ms

Loss rate: 0.80%

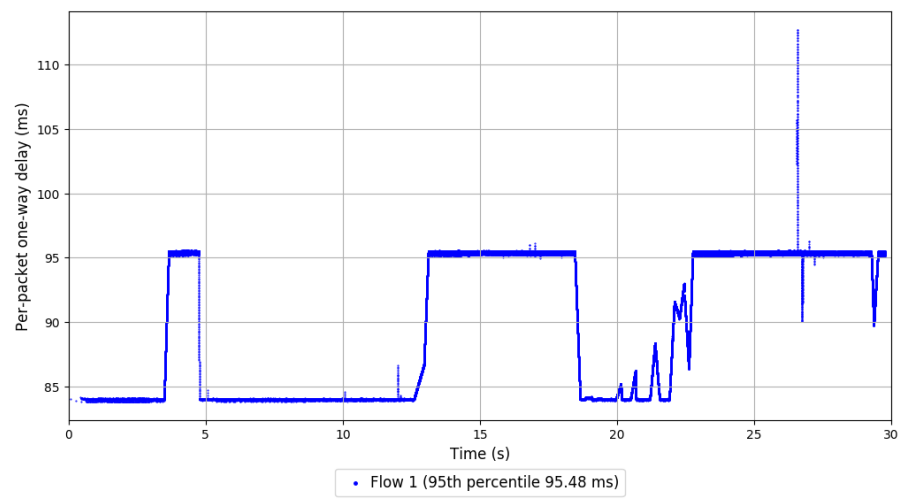
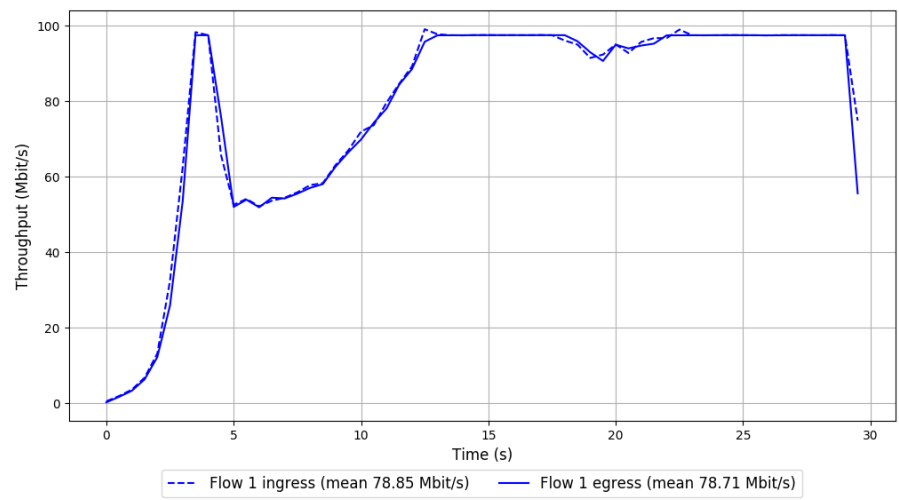
-- Flow 1:

Average throughput: 78.71 Mbit/s

95th percentile per-packet one-way delay: 95.483 ms

Loss rate: 0.80%

Run 1: Report of Vivace-loss — Data Link

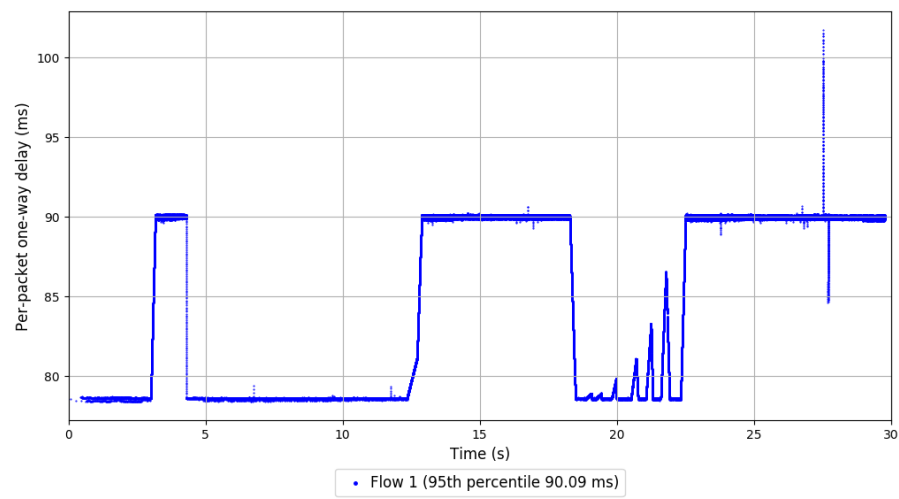
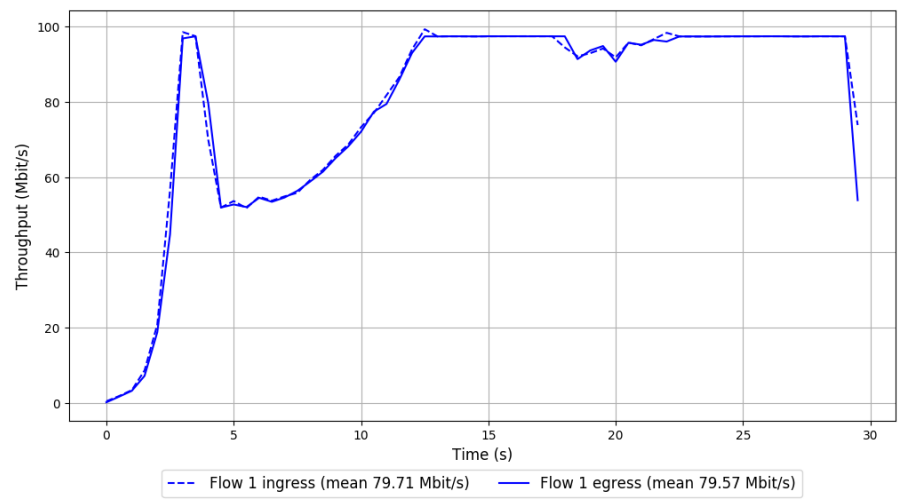


Run 2: Statistics of Vivace-loss

Start at: 2018-04-03 05:02:17
End at: 2018-04-03 05:02:47
Local clock offset: -1.857 ms
Remote clock offset: 12.043 ms

Below is generated by plot.py at 2018-04-03 12:13:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.57 Mbit/s
95th percentile per-packet one-way delay: 90.089 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 79.57 Mbit/s
95th percentile per-packet one-way delay: 90.089 ms
Loss rate: 0.79%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-04-03 05:24:29

End at: 2018-04-03 05:24:59

Local clock offset: -2.181 ms

Remote clock offset: 4.627 ms

Below is generated by plot.py at 2018-04-03 12:13:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.62 Mbit/s

95th percentile per-packet one-way delay: 96.292 ms

Loss rate: 0.81%

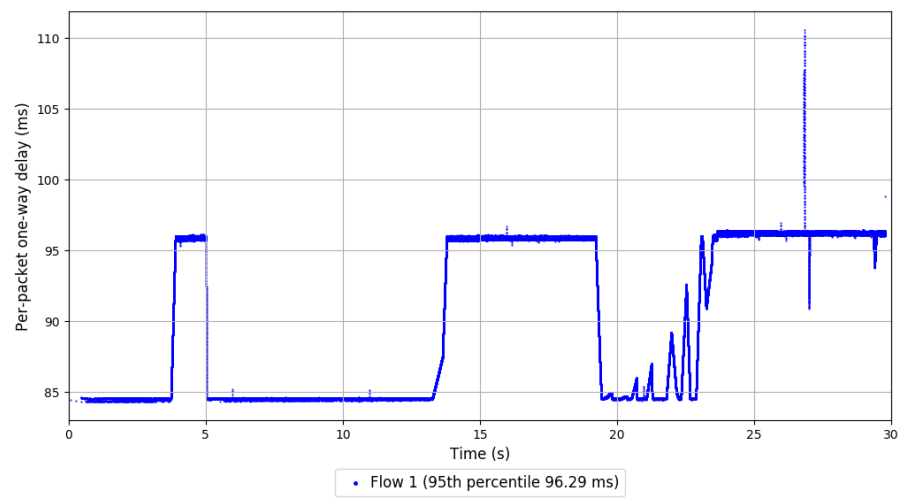
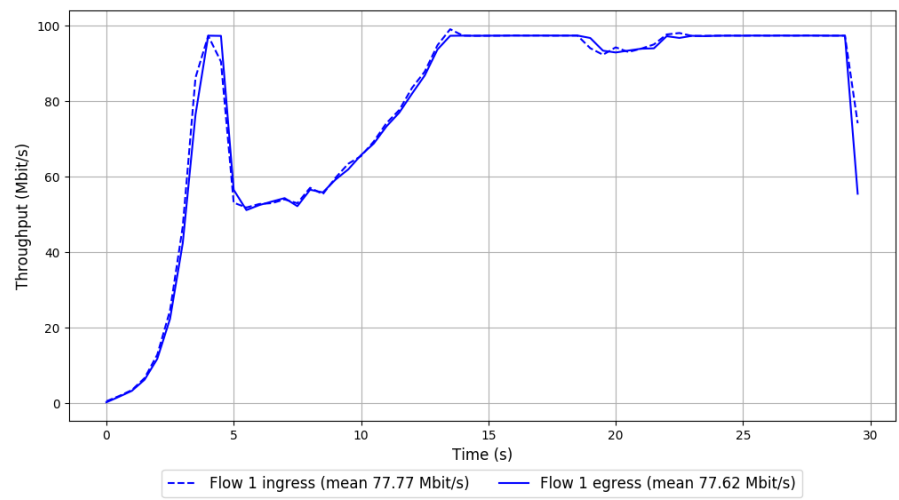
-- Flow 1:

Average throughput: 77.62 Mbit/s

95th percentile per-packet one-way delay: 96.292 ms

Loss rate: 0.81%

Run 3: Report of Vivace-loss — Data Link

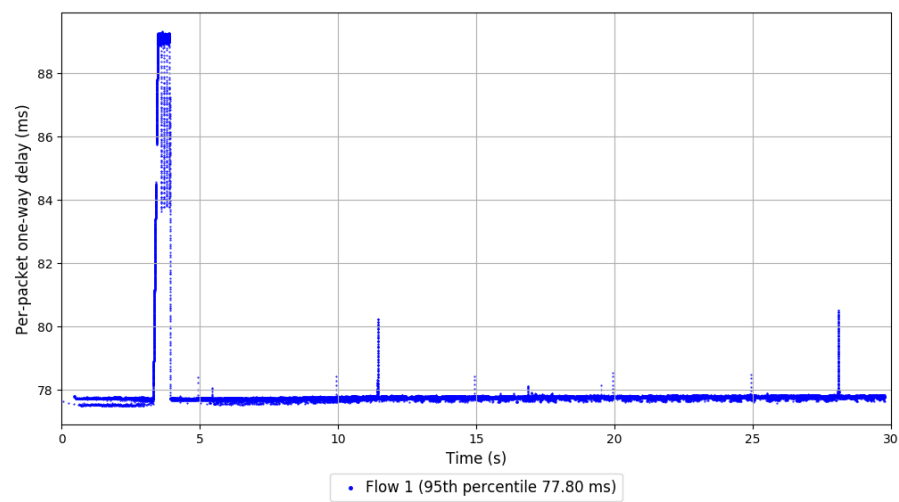
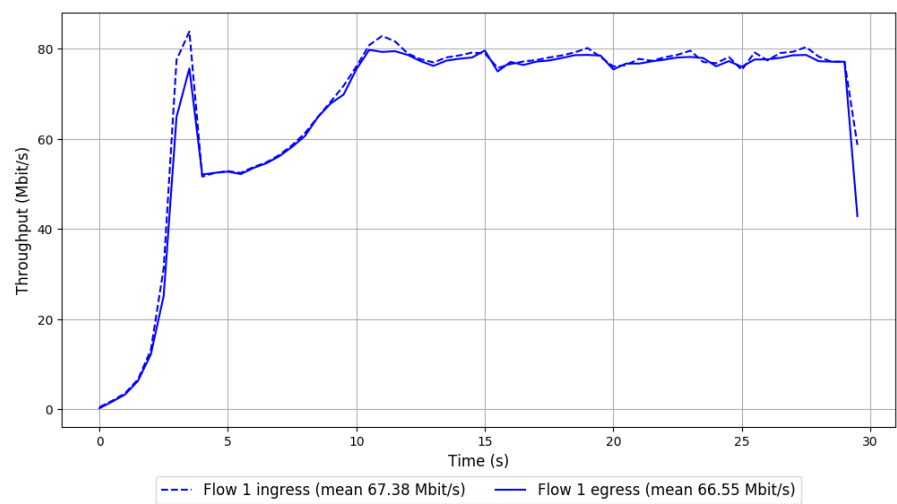


Run 4: Statistics of Vivace-loss

Start at: 2018-04-03 05:46:45
End at: 2018-04-03 05:47:15
Local clock offset: -2.537 ms
Remote clock offset: 10.873 ms

Below is generated by plot.py at 2018-04-03 12:13:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.55 Mbit/s
95th percentile per-packet one-way delay: 77.804 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 66.55 Mbit/s
95th percentile per-packet one-way delay: 77.804 ms
Loss rate: 1.84%

Run 4: Report of Vivace-loss — Data Link

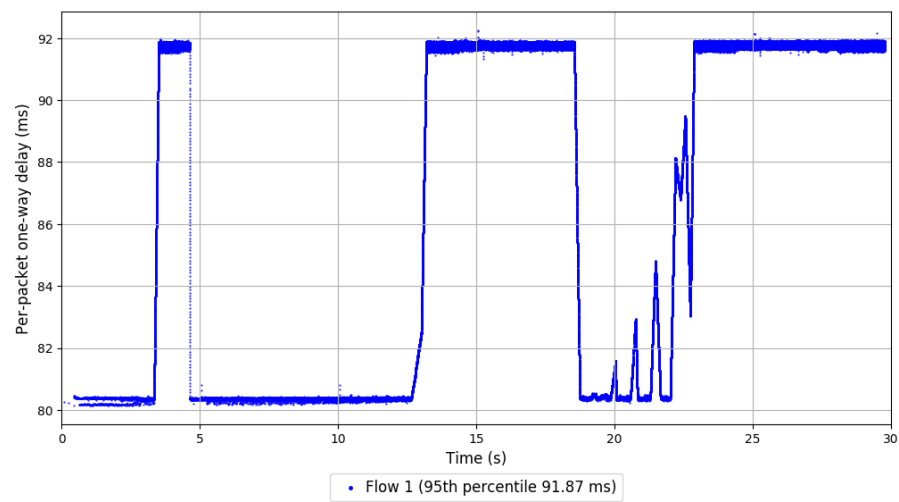
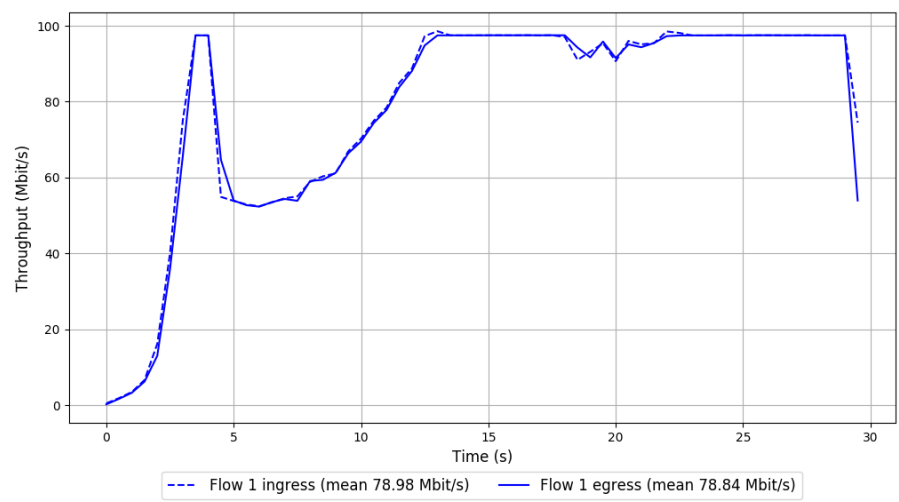


Run 5: Statistics of Vivace-loss

Start at: 2018-04-03 06:08:55
End at: 2018-04-03 06:09:25
Local clock offset: -6.453 ms
Remote clock offset: 12.556 ms

Below is generated by plot.py at 2018-04-03 12:13:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 91.871 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 91.871 ms
Loss rate: 0.81%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-04-03 06:31:11

End at: 2018-04-03 06:31:41

Local clock offset: -6.993 ms

Remote clock offset: 5.858 ms

Below is generated by plot.py at 2018-04-03 12:13:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.57 Mbit/s

95th percentile per-packet one-way delay: 96.082 ms

Loss rate: 0.82%

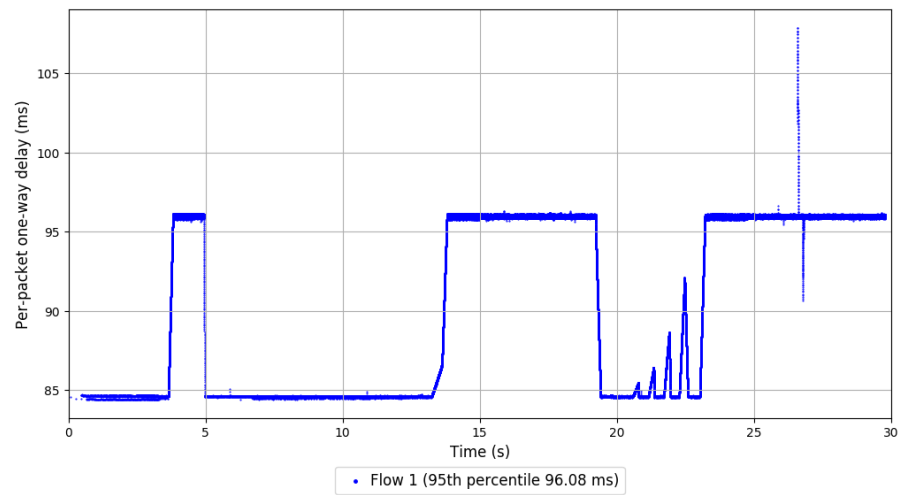
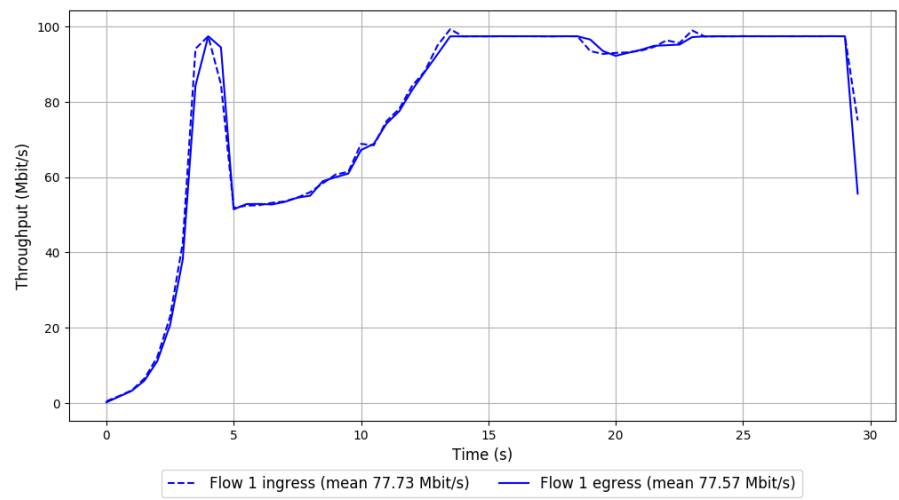
-- Flow 1:

Average throughput: 77.57 Mbit/s

95th percentile per-packet one-way delay: 96.082 ms

Loss rate: 0.82%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-04-03 06:53:24

End at: 2018-04-03 06:53:54

Local clock offset: -7.218 ms

Remote clock offset: 5.573 ms

Below is generated by plot.py at 2018-04-03 12:13:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 95.967 ms

Loss rate: 0.79%

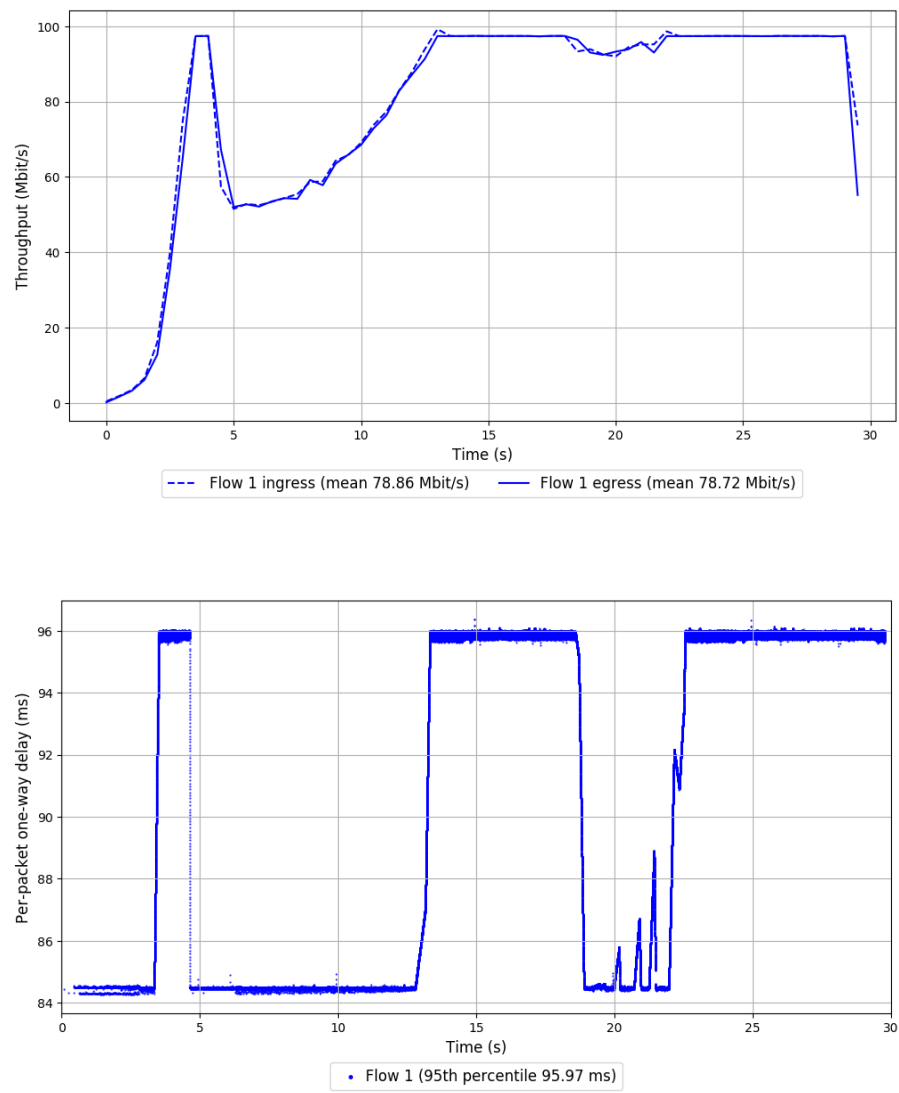
-- Flow 1:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 95.967 ms

Loss rate: 0.79%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-04-03 07:15:39

End at: 2018-04-03 07:16:09

Local clock offset: -5.907 ms

Remote clock offset: 5.771 ms

Below is generated by plot.py at 2018-04-03 12:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.99 Mbit/s

95th percentile per-packet one-way delay: 97.342 ms

Loss rate: 0.81%

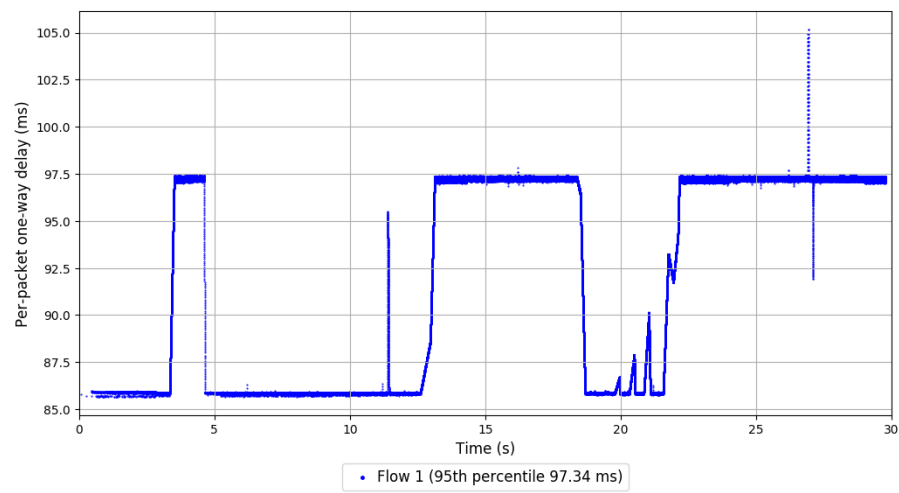
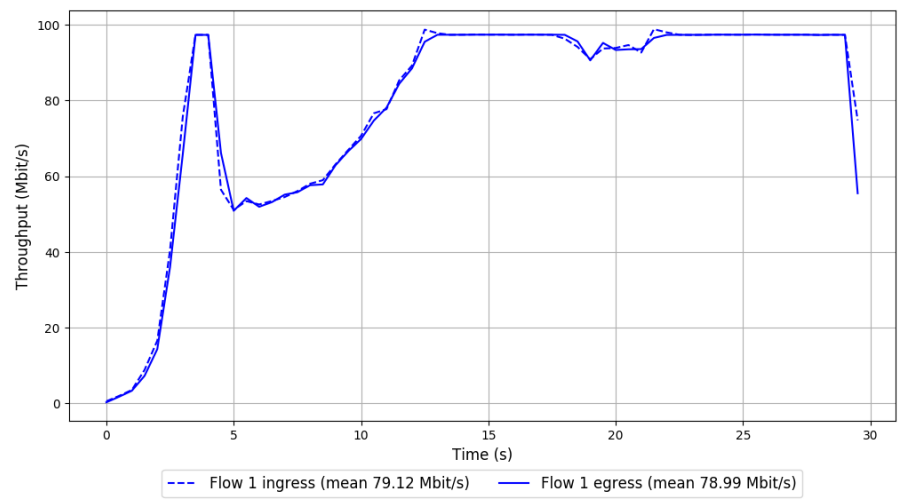
-- Flow 1:

Average throughput: 78.99 Mbit/s

95th percentile per-packet one-way delay: 97.342 ms

Loss rate: 0.81%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-04-03 07:37:54

End at: 2018-04-03 07:38:24

Local clock offset: -5.863 ms

Remote clock offset: 12.252 ms

Below is generated by plot.py at 2018-04-03 12:14:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.73 Mbit/s

95th percentile per-packet one-way delay: 88.199 ms

Loss rate: 0.79%

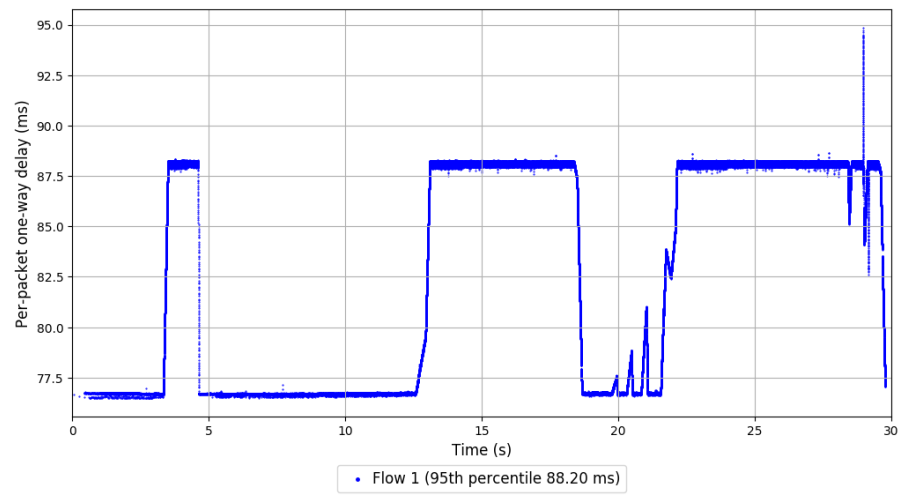
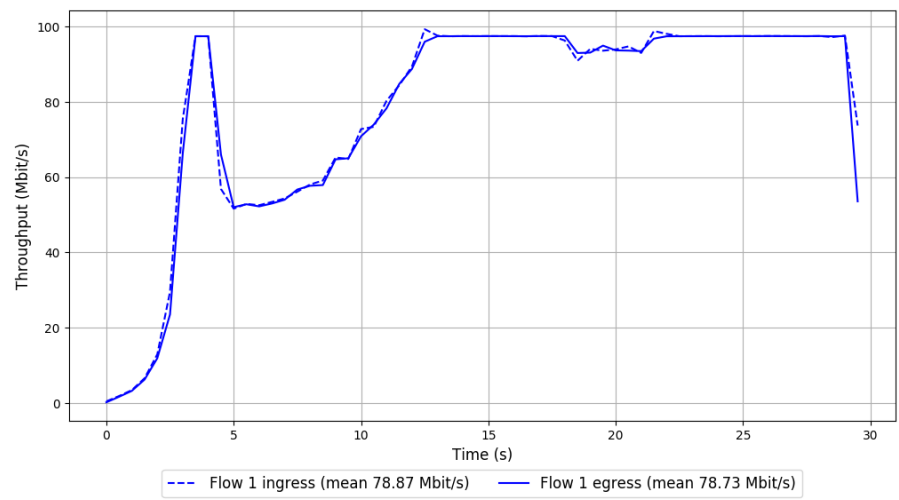
-- Flow 1:

Average throughput: 78.73 Mbit/s

95th percentile per-packet one-way delay: 88.199 ms

Loss rate: 0.79%

Run 9: Report of Vivace-loss — Data Link

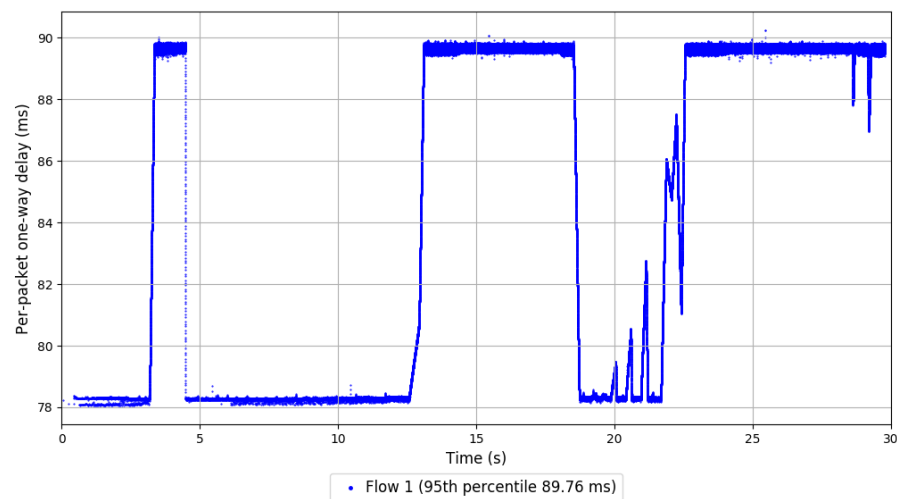
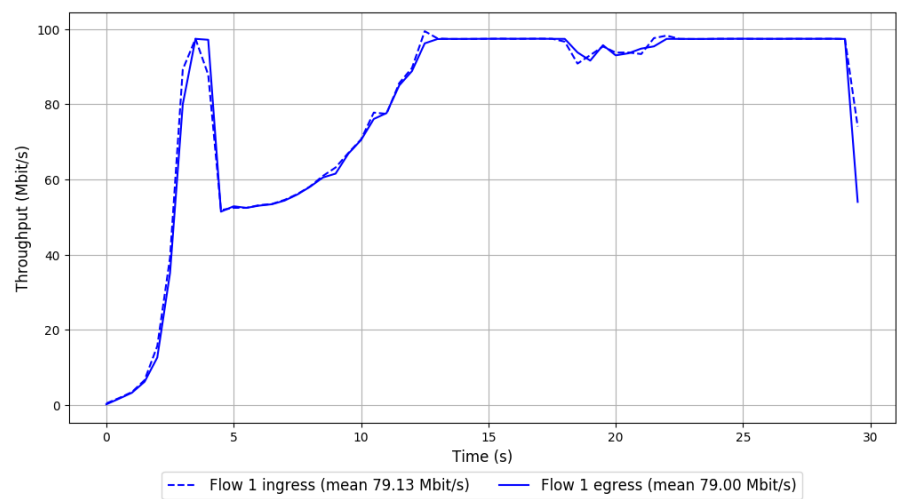


Run 10: Statistics of Vivace-loss

Start at: 2018-04-03 08:00:18
End at: 2018-04-03 08:00:48
Local clock offset: -6.336 ms
Remote clock offset: 11.665 ms

Below is generated by plot.py at 2018-04-03 12:14:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 89.759 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 89.759 ms
Loss rate: 0.79%

Run 10: Report of Vivace-loss — Data Link

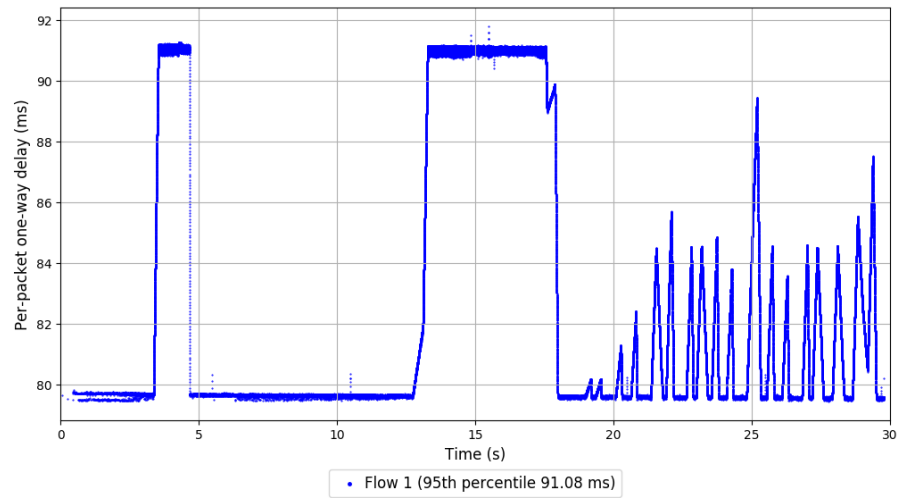
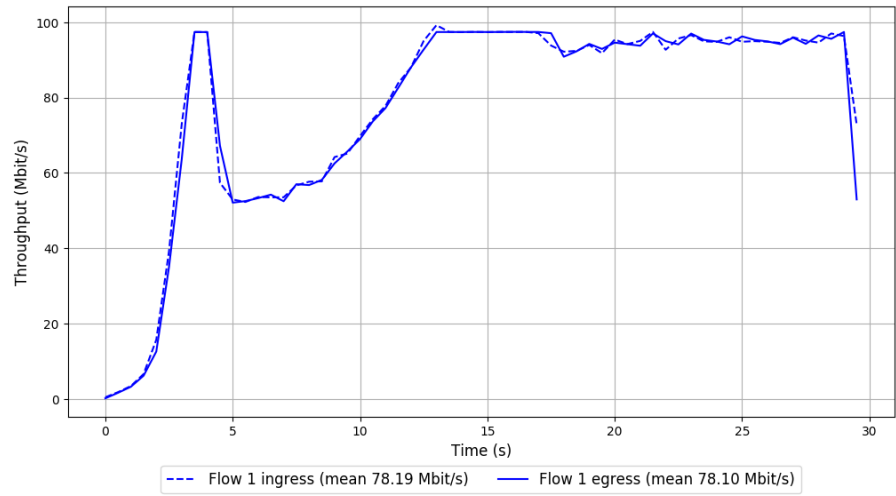


Run 1: Statistics of Vivace-LTE

Start at: 2018-04-03 04:46:10
End at: 2018-04-03 04:46:40
Local clock offset: -4.087 ms
Remote clock offset: 11.355 ms

Below is generated by plot.py at 2018-04-03 12:14:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 91.081 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 91.081 ms
Loss rate: 0.74%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-04-03 05:08:25

End at: 2018-04-03 05:08:55

Local clock offset: -1.411 ms

Remote clock offset: 4.568 ms

Below is generated by plot.py at 2018-04-03 12:14:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 95.898 ms

Loss rate: 0.79%

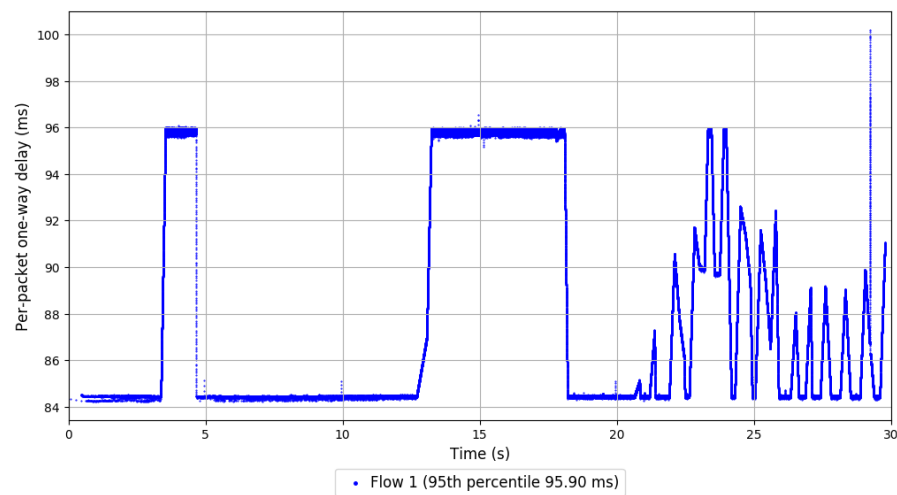
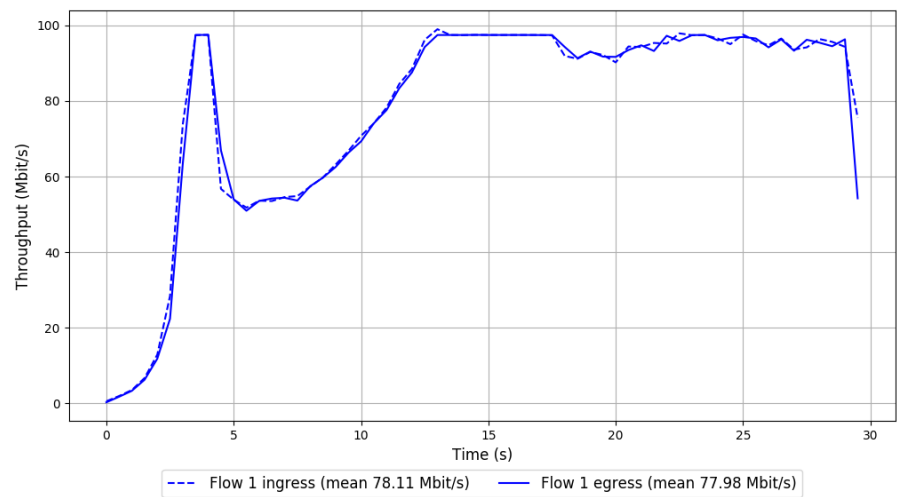
-- Flow 1:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 95.898 ms

Loss rate: 0.79%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-04-03 05:30:37

End at: 2018-04-03 05:31:07

Local clock offset: -2.494 ms

Remote clock offset: 10.98 ms

Below is generated by plot.py at 2018-04-03 12:15:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.00 Mbit/s

95th percentile per-packet one-way delay: 91.045 ms

Loss rate: 0.82%

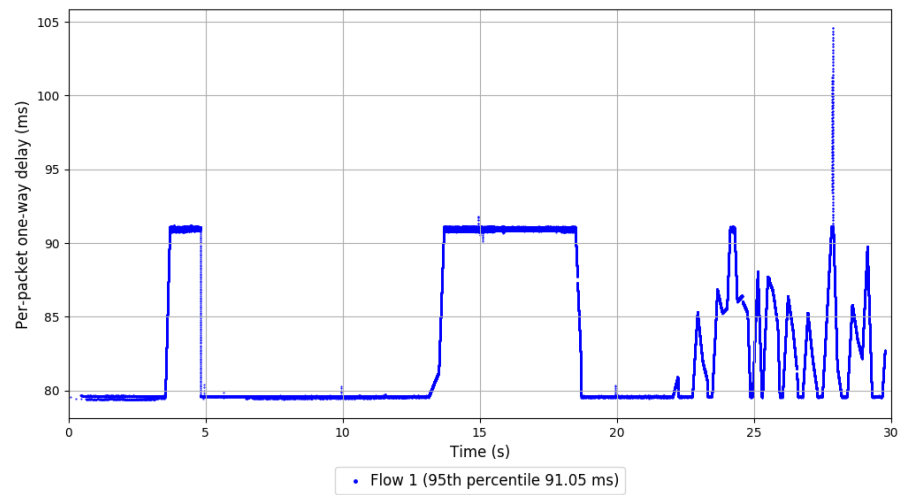
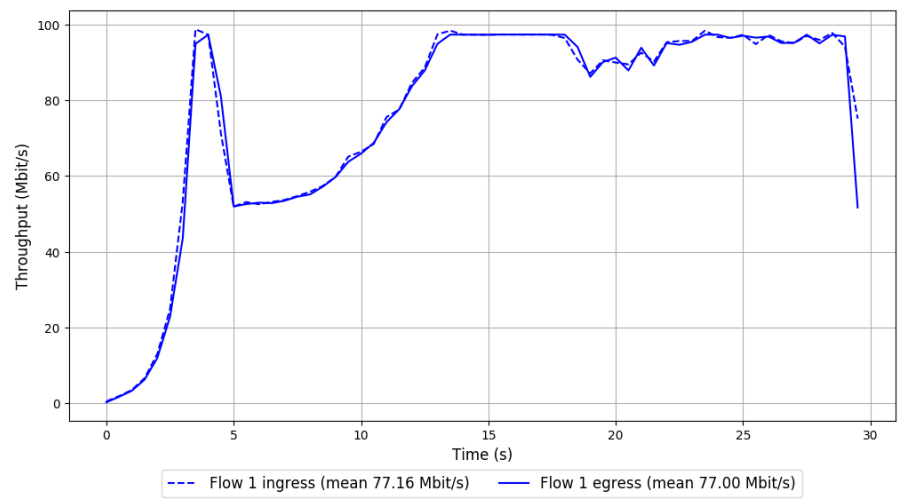
-- Flow 1:

Average throughput: 77.00 Mbit/s

95th percentile per-packet one-way delay: 91.045 ms

Loss rate: 0.82%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-04-03 05:52:53

End at: 2018-04-03 05:53:23

Local clock offset: -3.566 ms

Remote clock offset: 5.369 ms

Below is generated by plot.py at 2018-04-03 12:15:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 95.065 ms

Loss rate: 0.77%

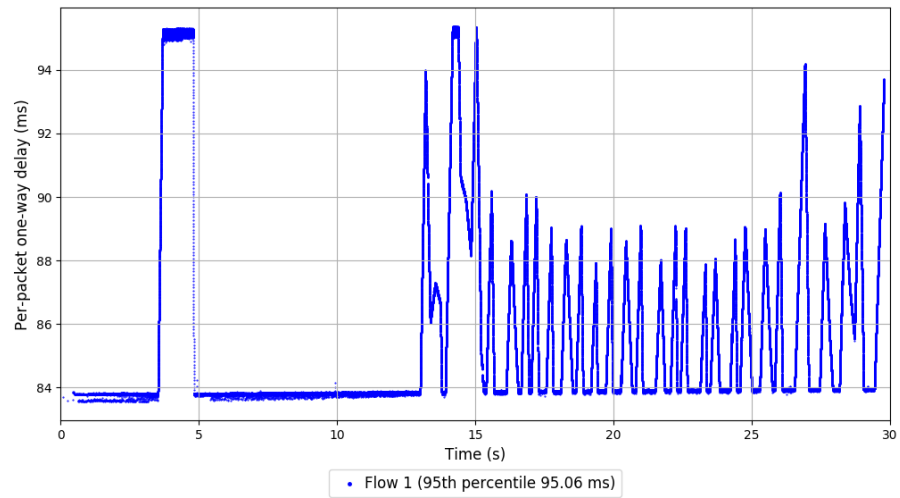
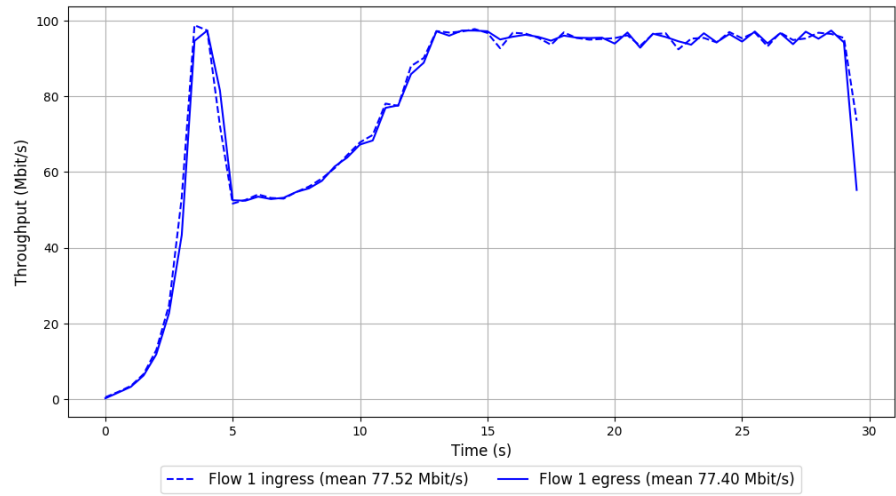
-- Flow 1:

Average throughput: 77.40 Mbit/s

95th percentile per-packet one-way delay: 95.065 ms

Loss rate: 0.77%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-04-03 06:15:04

End at: 2018-04-03 06:15:34

Local clock offset: -6.789 ms

Remote clock offset: 13.69 ms

Below is generated by plot.py at 2018-04-03 12:15:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.61 Mbit/s

95th percentile per-packet one-way delay: 87.931 ms

Loss rate: 0.74%

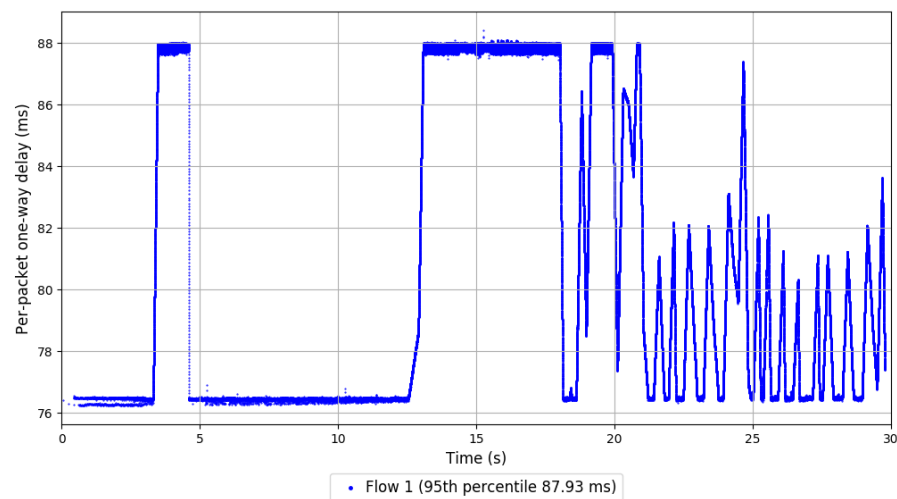
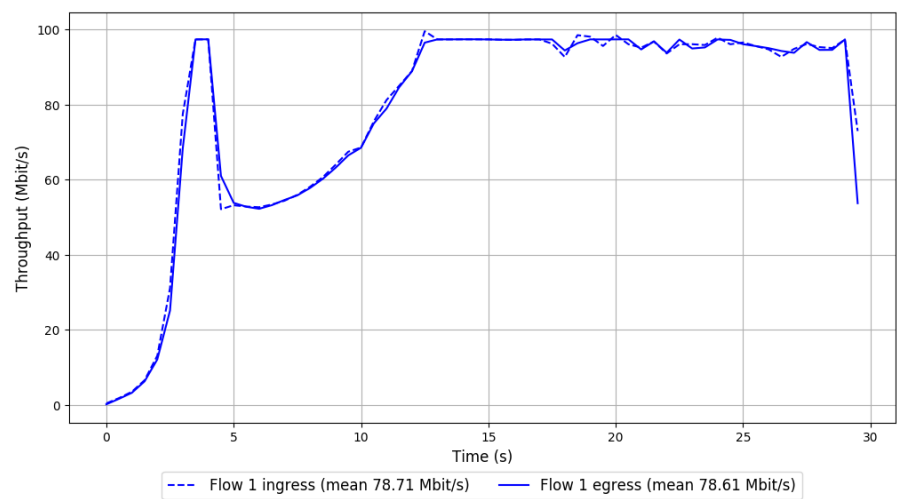
-- Flow 1:

Average throughput: 78.61 Mbit/s

95th percentile per-packet one-way delay: 87.931 ms

Loss rate: 0.74%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-04-03 06:37:20

End at: 2018-04-03 06:37:50

Local clock offset: -6.985 ms

Remote clock offset: 5.75 ms

Below is generated by plot.py at 2018-04-03 12:15:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.60 Mbit/s

95th percentile per-packet one-way delay: 95.031 ms

Loss rate: 0.78%

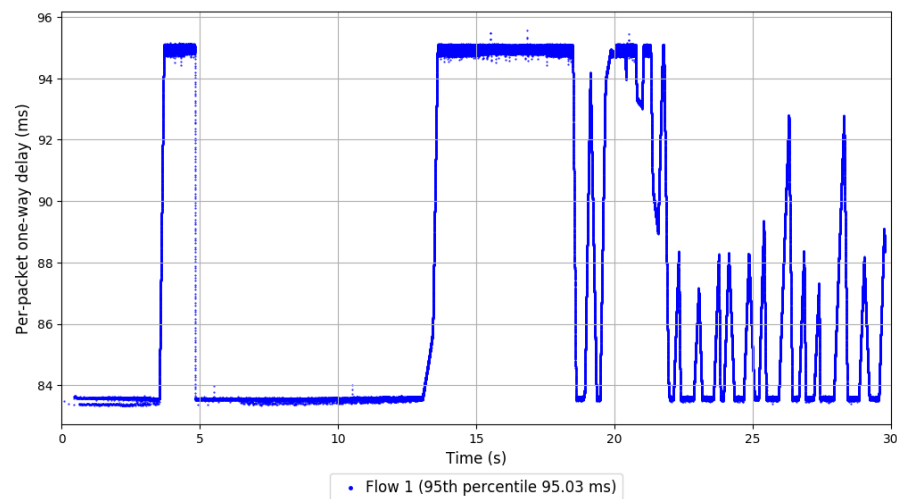
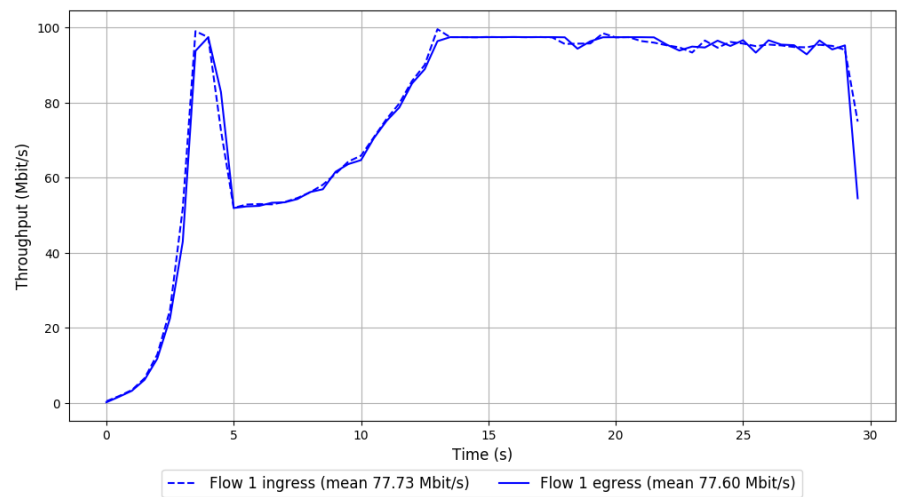
-- Flow 1:

Average throughput: 77.60 Mbit/s

95th percentile per-packet one-way delay: 95.031 ms

Loss rate: 0.78%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-04-03 06:59:32

End at: 2018-04-03 07:00:02

Local clock offset: -7.188 ms

Remote clock offset: 5.657 ms

Below is generated by plot.py at 2018-04-03 12:15:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.16 Mbit/s

95th percentile per-packet one-way delay: 98.064 ms

Loss rate: 0.74%

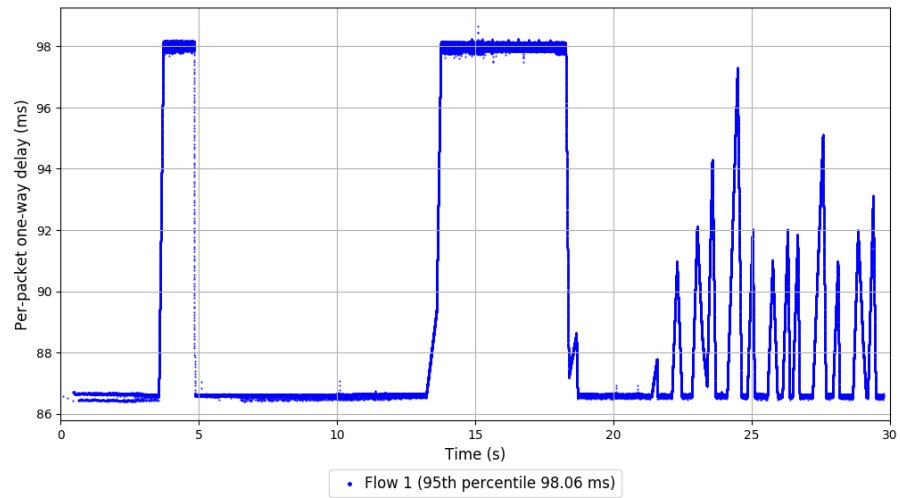
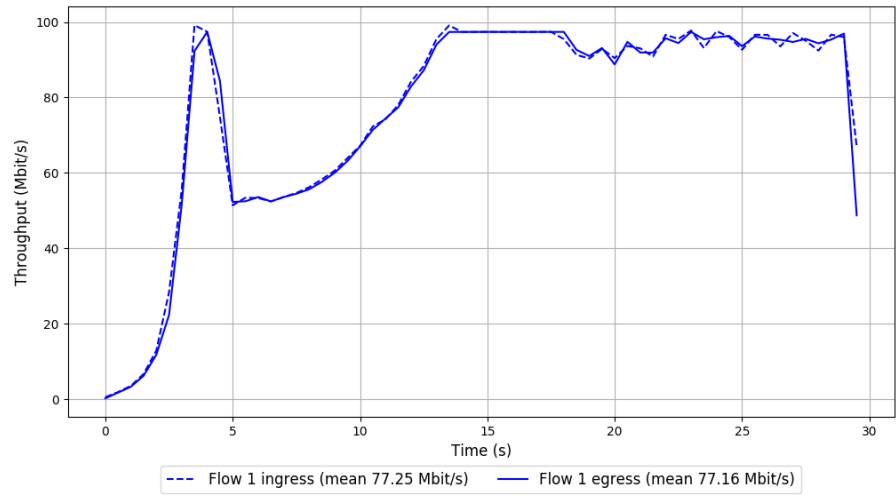
-- Flow 1:

Average throughput: 77.16 Mbit/s

95th percentile per-packet one-way delay: 98.064 ms

Loss rate: 0.74%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-04-03 07:21:50

End at: 2018-04-03 07:22:20

Local clock offset: -5.667 ms

Remote clock offset: 6.801 ms

Below is generated by plot.py at 2018-04-03 12:15:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.11 Mbit/s

95th percentile per-packet one-way delay: 94.651 ms

Loss rate: 0.74%

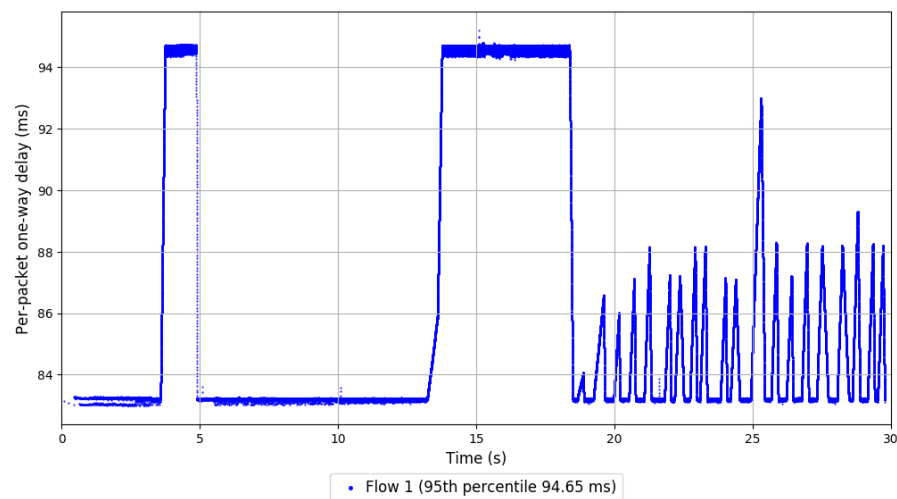
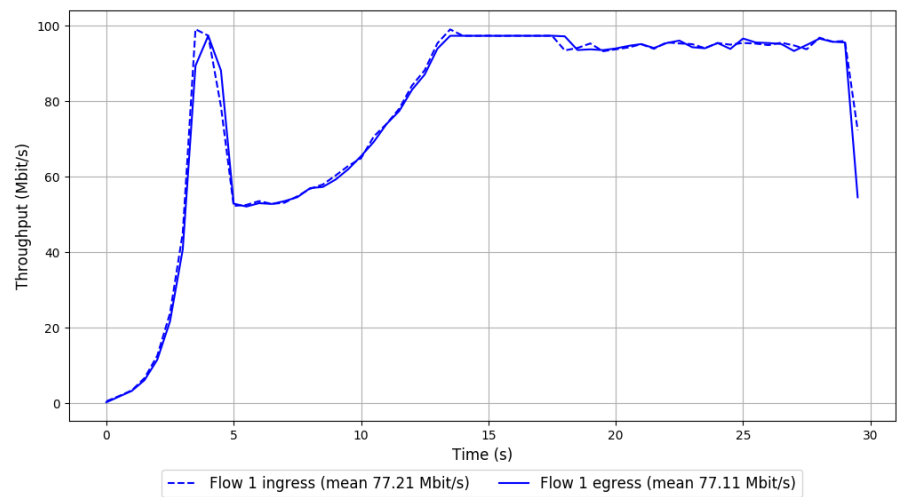
-- Flow 1:

Average throughput: 77.11 Mbit/s

95th percentile per-packet one-way delay: 94.651 ms

Loss rate: 0.74%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-04-03 07:44:01

End at: 2018-04-03 07:44:31

Local clock offset: -6.085 ms

Remote clock offset: 5.562 ms

Below is generated by plot.py at 2018-04-03 12:15:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.21 Mbit/s

95th percentile per-packet one-way delay: 96.929 ms

Loss rate: 0.79%

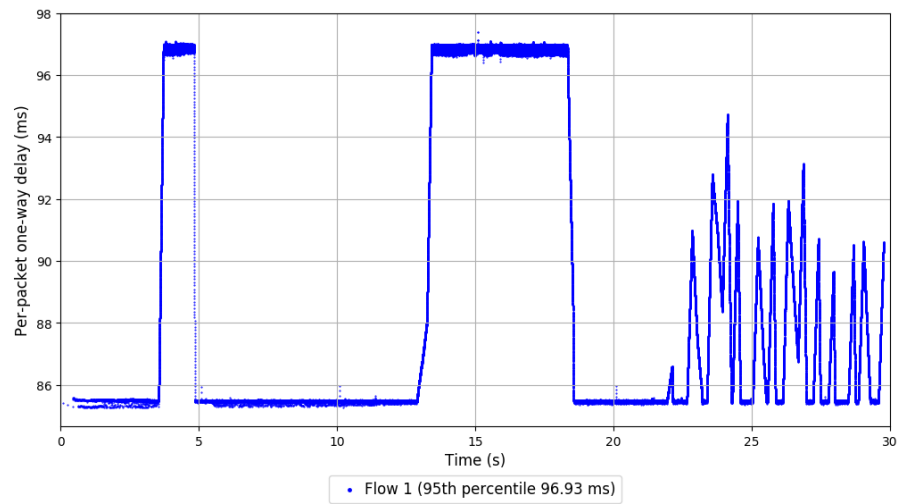
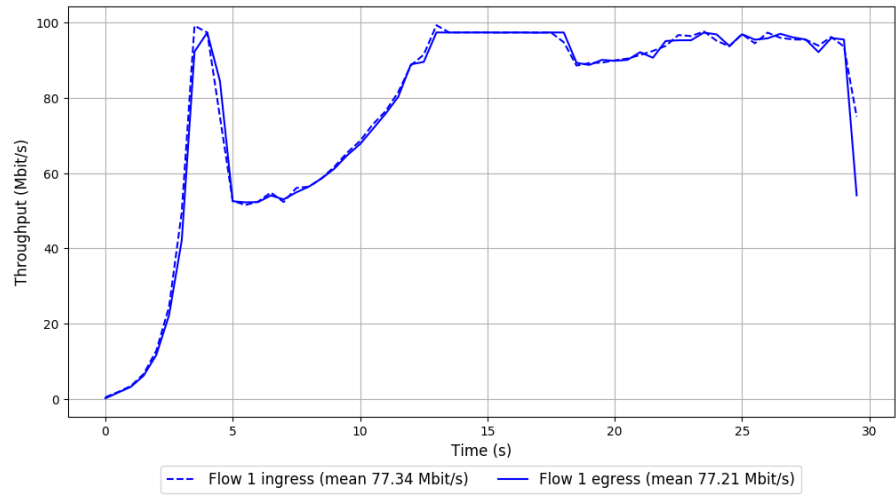
-- Flow 1:

Average throughput: 77.21 Mbit/s

95th percentile per-packet one-way delay: 96.929 ms

Loss rate: 0.79%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-04-03 08:06:28

End at: 2018-04-03 08:06:58

Local clock offset: -6.32 ms

Remote clock offset: 9.69 ms

Below is generated by plot.py at 2018-04-03 12:15:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.09 Mbit/s

95th percentile per-packet one-way delay: 90.027 ms

Loss rate: 0.80%

-- Flow 1:

Average throughput: 78.09 Mbit/s

95th percentile per-packet one-way delay: 90.027 ms

Loss rate: 0.80%

Run 10: Report of Vivace-LTE — Data Link

