

Pantheon Report

Generated at 2018-02-02 17:22:13 (UTC).

Data path: Mexico Ethernet (*remote*) → AWS California 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).

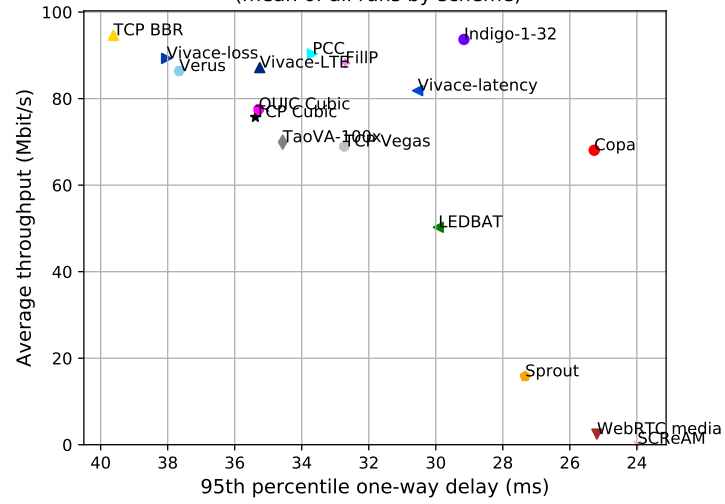
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

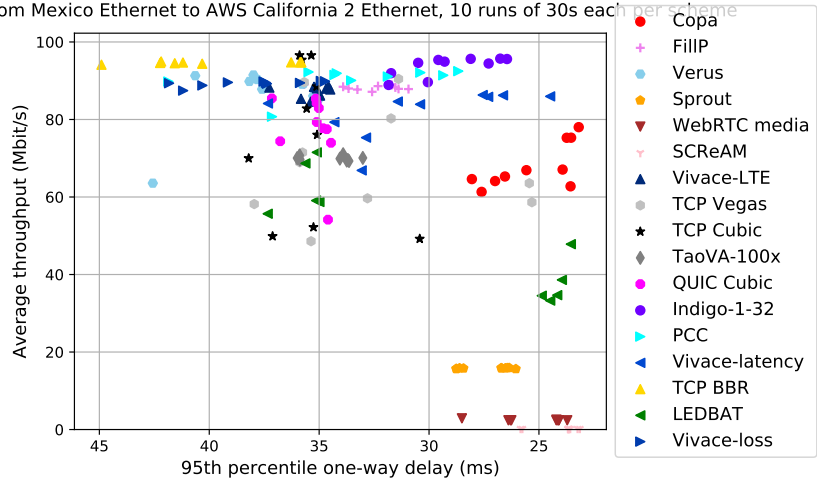
Git summary:

```
branch: master @ 70217998b3c9a7166a95460a70c0854d1326e100
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixlisp @ fb9c9ab842e5614ad52911a76fb9bd1c1b0dca86
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
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 @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Mexico Ethernet to AWS California 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	94.64	39.62	0.32
TCP Cubic	10	75.71	35.38	0.23
LEDBAT	10	50.26	29.92	0.32
PCC	10	90.33	33.68	0.29
QUIC Cubic	10	77.52	35.29	0.24
SCReAM	10	0.22	23.98	0.14
WebRTC media	10	2.45	25.19	0.22
Sprout	10	15.81	27.33	0.19
TaoVA-100x	10	69.94	34.57	0.28
TCP Vegas	10	68.94	32.73	0.22
Verus	10	86.38	37.66	0.30
Copa	10	68.07	25.27	0.22
FillP	10	88.19	32.70	0.25
Indigo-1-32	10	93.68	29.16	0.27
Vivace-latency	10	81.85	30.54	0.26
Vivace-loss	10	89.30	38.03	0.32
Vivace-LTE	10	87.17	35.25	0.28

Run 1: Statistics of TCP BBR

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

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

Local clock offset: 0.062 ms

Remote clock offset: 1.989 ms

Below is generated by plot.py at 2018-02-02 16:58:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 36.273 ms

Loss rate: 0.27%

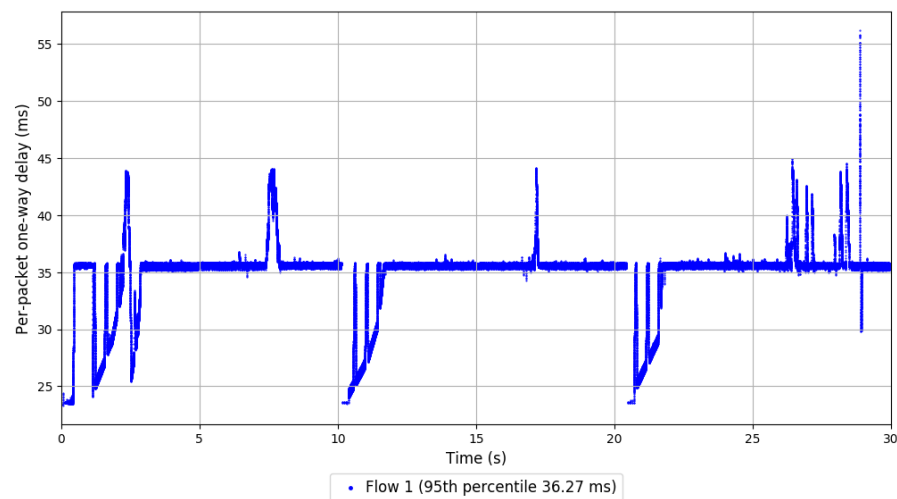
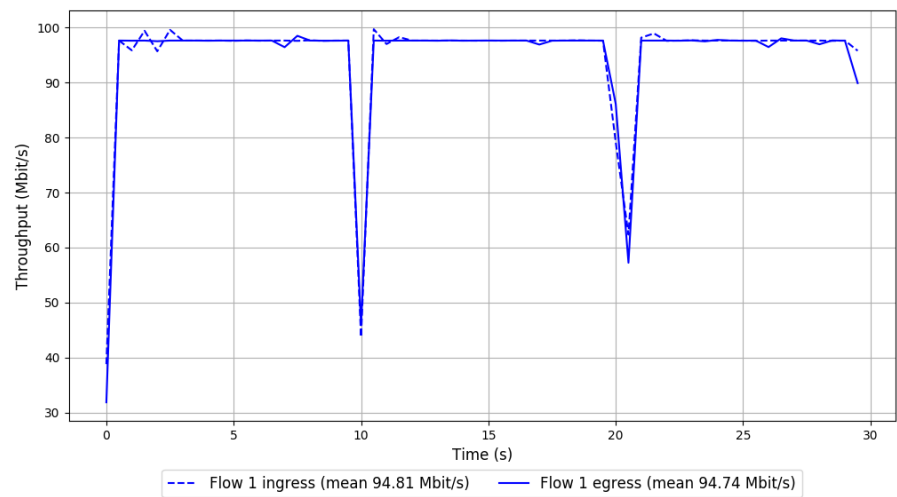
-- Flow 1:

Average throughput: 94.74 Mbit/s

95th percentile per-packet one-way delay: 36.273 ms

Loss rate: 0.27%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-02 09:26:21

End at: 2018-02-02 09:26:51

Local clock offset: 0.491 ms

Remote clock offset: 1.991 ms

Below is generated by plot.py at 2018-02-02 16:58:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 40.320 ms

Loss rate: 0.30%

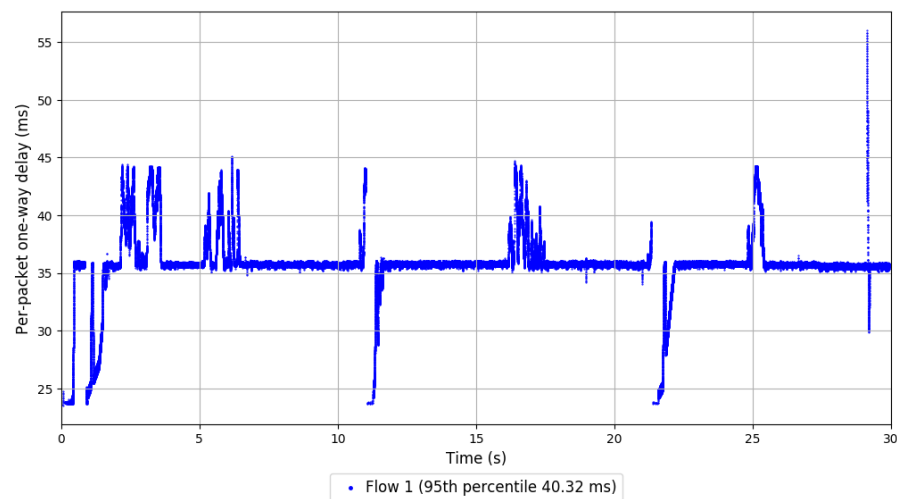
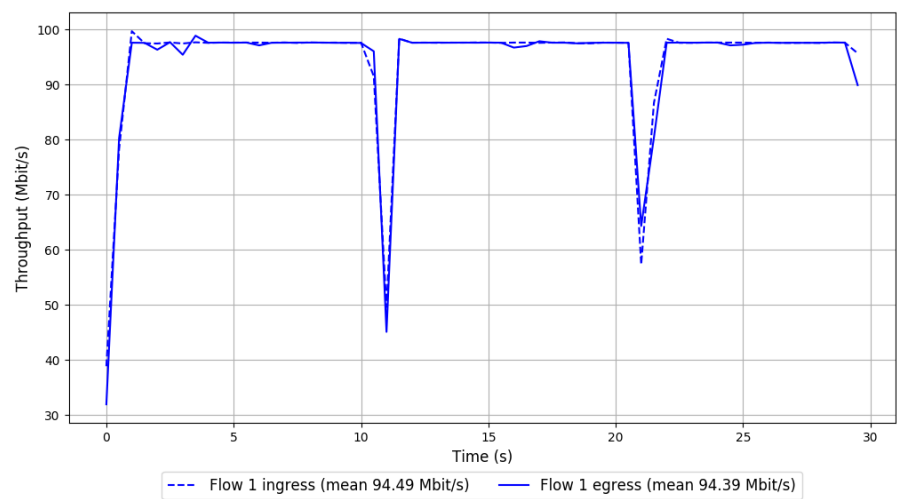
-- Flow 1:

Average throughput: 94.39 Mbit/s

95th percentile per-packet one-way delay: 40.320 ms

Loss rate: 0.30%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-02 09:50:15

End at: 2018-02-02 09:50:45

Local clock offset: 0.681 ms

Remote clock offset: 2.063 ms

Below is generated by plot.py at 2018-02-02 16:58:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.59 Mbit/s

95th percentile per-packet one-way delay: 42.235 ms

Loss rate: 0.40%

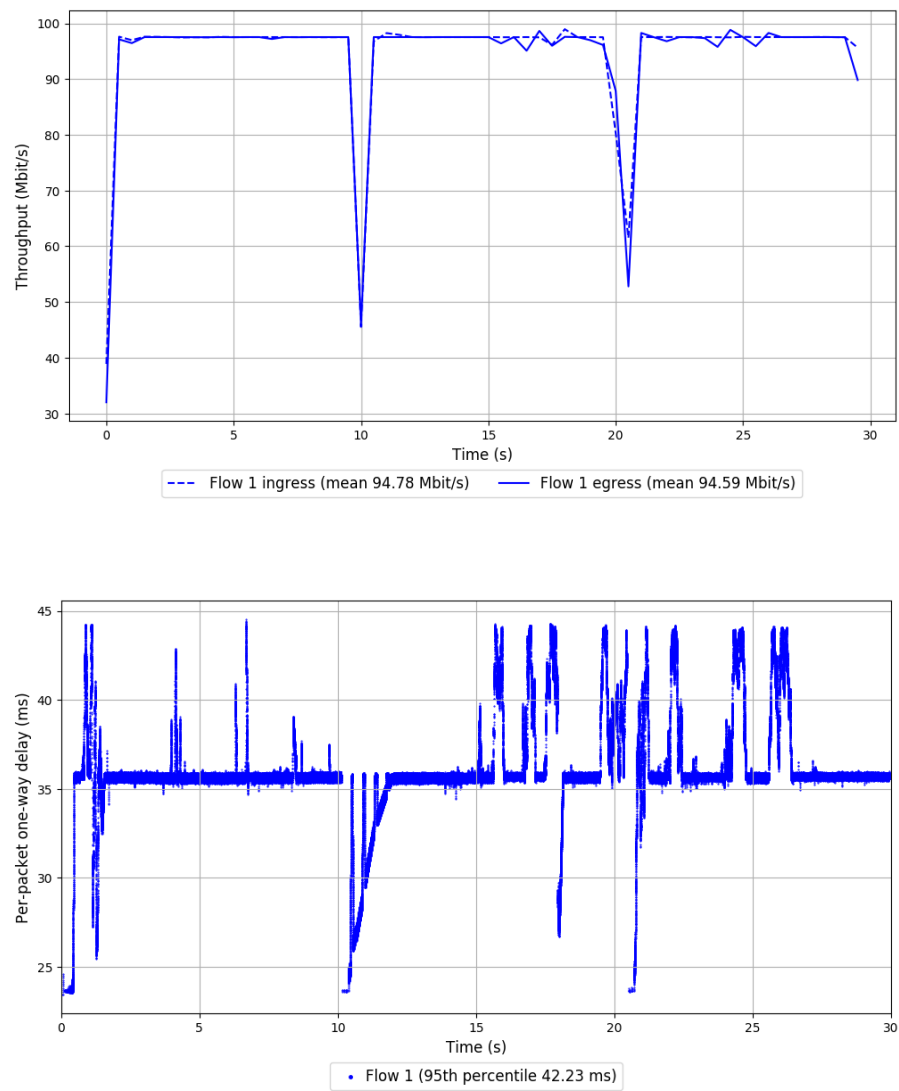
-- Flow 1:

Average throughput: 94.59 Mbit/s

95th percentile per-packet one-way delay: 42.235 ms

Loss rate: 0.40%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

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

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

Local clock offset: 0.842 ms

Remote clock offset: 2.036 ms

Below is generated by plot.py at 2018-02-02 16:58:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.77 Mbit/s

95th percentile per-packet one-way delay: 35.828 ms

Loss rate: 0.22%

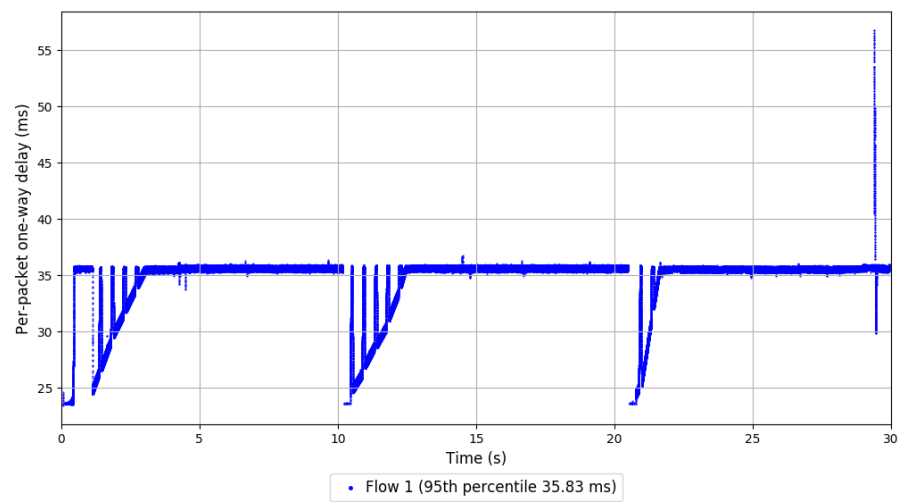
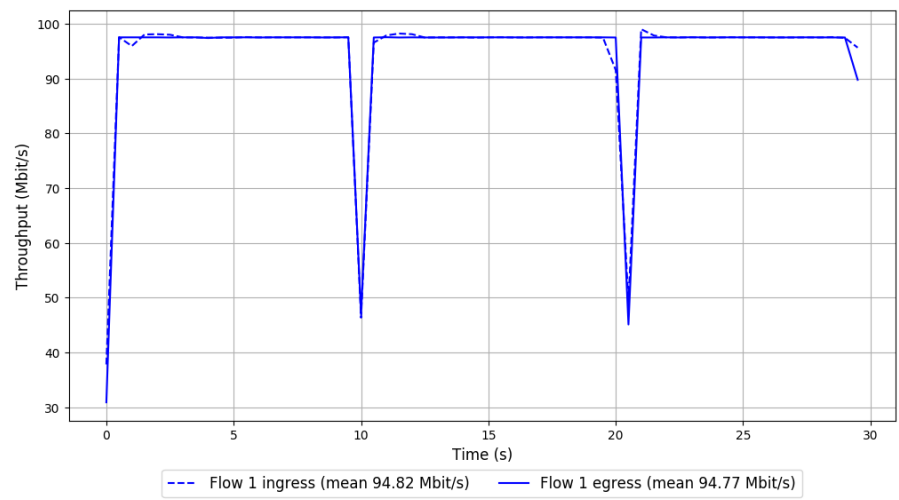
-- Flow 1:

Average throughput: 94.77 Mbit/s

95th percentile per-packet one-way delay: 35.828 ms

Loss rate: 0.22%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-02 10:38:12

End at: 2018-02-02 10:38:42

Local clock offset: 0.907 ms

Remote clock offset: 1.67 ms

Below is generated by plot.py at 2018-02-02 16:58:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.78 Mbit/s

95th percentile per-packet one-way delay: 35.869 ms

Loss rate: 0.22%

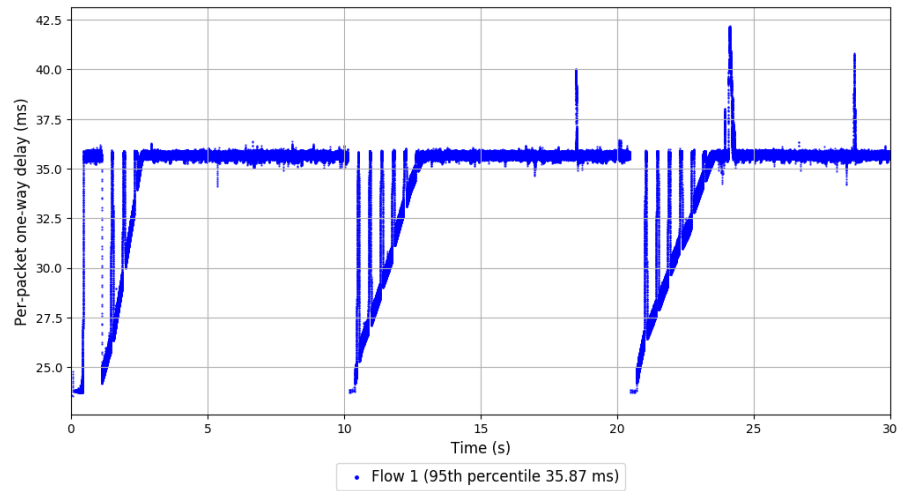
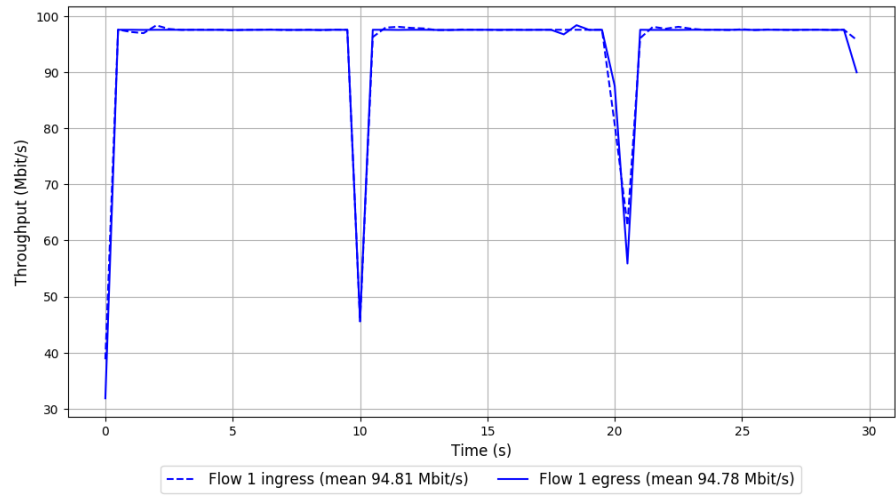
-- Flow 1:

Average throughput: 94.78 Mbit/s

95th percentile per-packet one-way delay: 35.869 ms

Loss rate: 0.22%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

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

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

Local clock offset: 0.779 ms

Remote clock offset: 0.668 ms

Below is generated by plot.py at 2018-02-02 16:58:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 35.812 ms

Loss rate: 0.22%

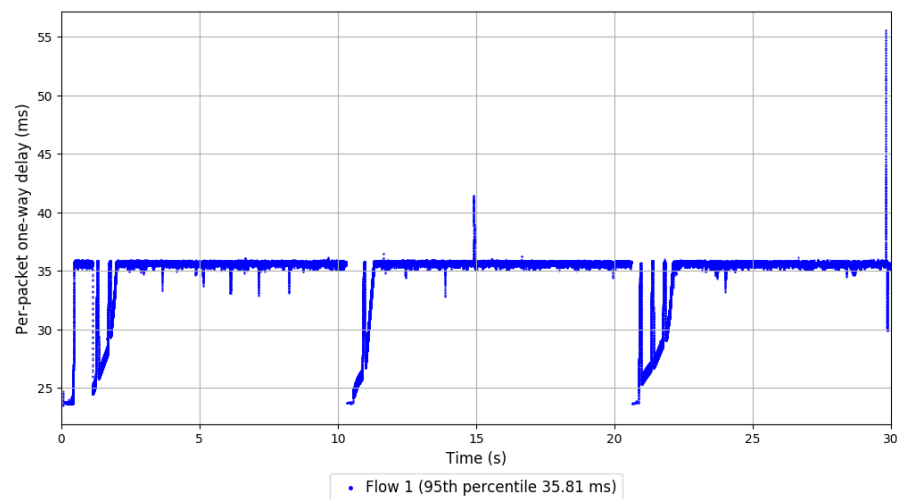
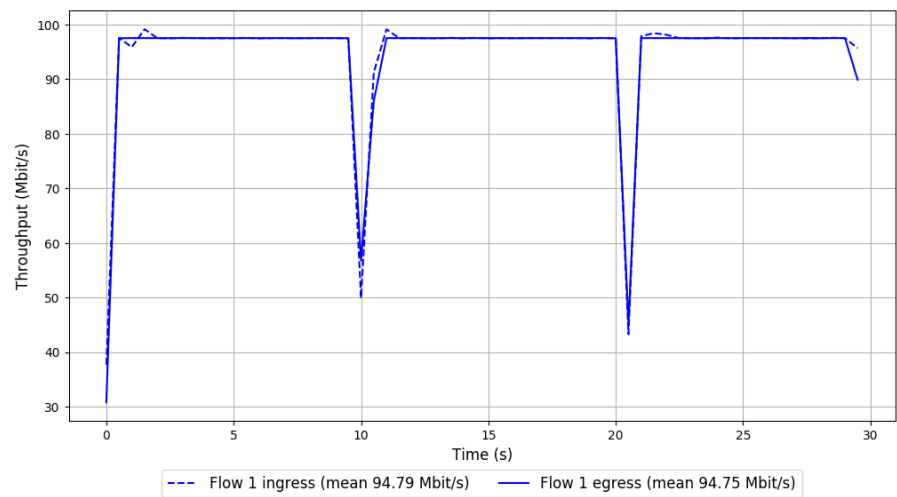
-- Flow 1:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 35.812 ms

Loss rate: 0.22%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-02 11:26:09

End at: 2018-02-02 11:26:39

Local clock offset: 0.971 ms

Remote clock offset: 0.836 ms

Below is generated by plot.py at 2018-02-02 16:58:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.97 Mbit/s

95th percentile per-packet one-way delay: 42.189 ms

Loss rate: 0.43%

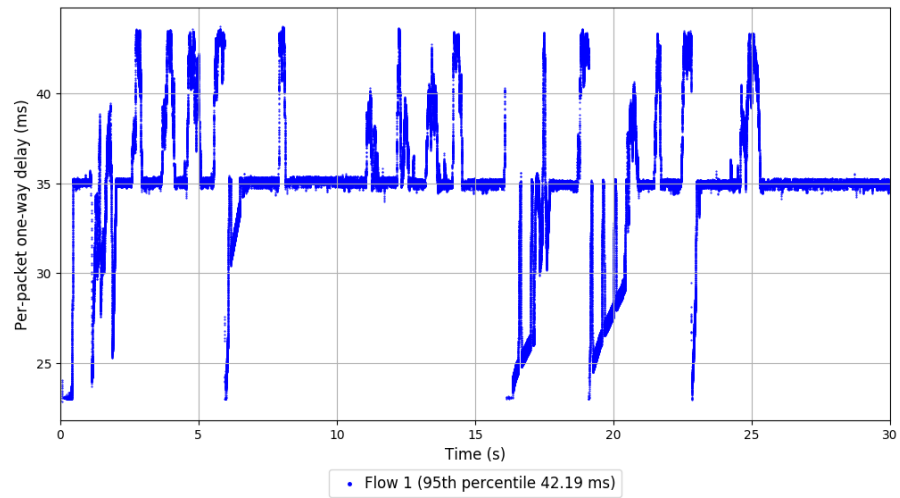
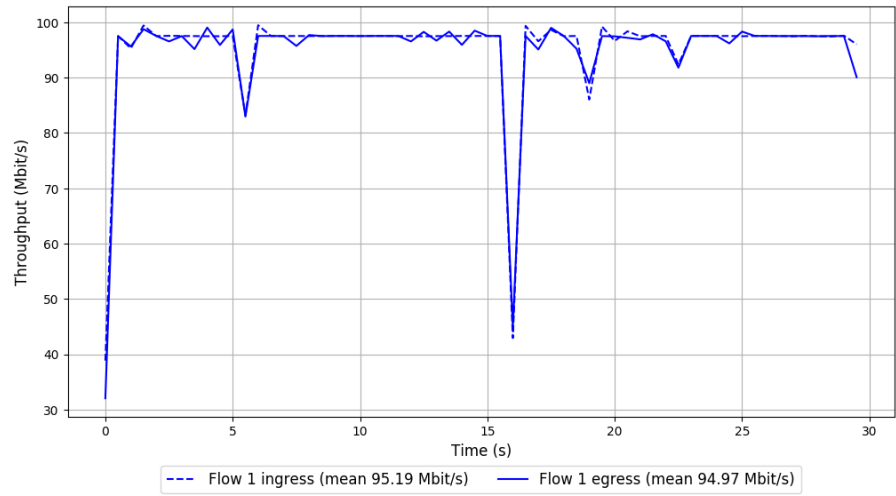
-- Flow 1:

Average throughput: 94.97 Mbit/s

95th percentile per-packet one-way delay: 42.189 ms

Loss rate: 0.43%

Run 7: Report of TCP BBR — Data Link

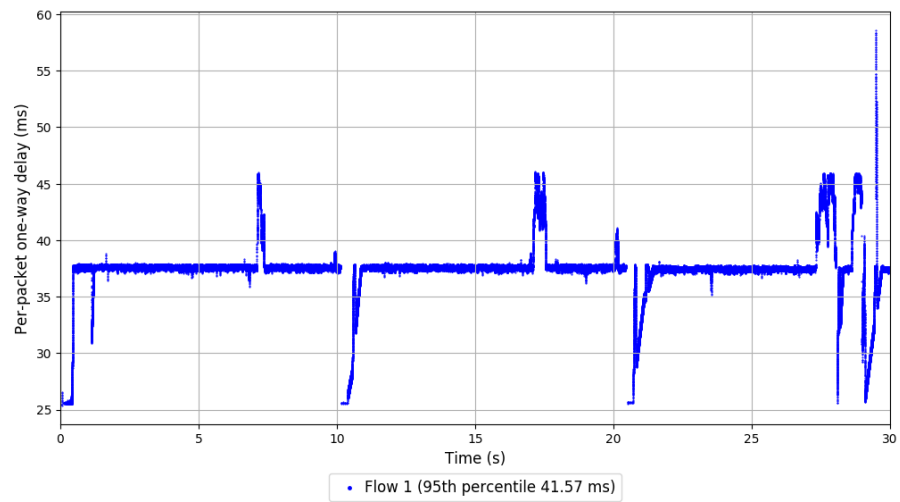
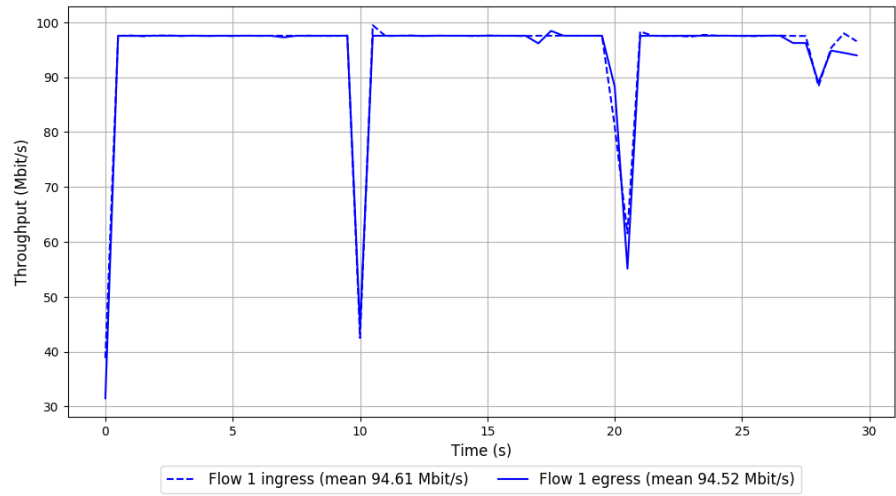


Run 8: Statistics of TCP BBR

Start at: 2018-02-02 11:50:17
End at: 2018-02-02 11:50:47
Local clock offset: 0.945 ms
Remote clock offset: -1.689 ms

Below is generated by plot.py at 2018-02-02 16:58:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.52 Mbit/s
95th percentile per-packet one-way delay: 41.569 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 94.52 Mbit/s
95th percentile per-packet one-way delay: 41.569 ms
Loss rate: 0.29%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

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

End at: 2018-02-02 12:14:44

Local clock offset: 0.927 ms

Remote clock offset: 0.499 ms

Below is generated by plot.py at 2018-02-02 17:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 41.197 ms

Loss rate: 0.31%

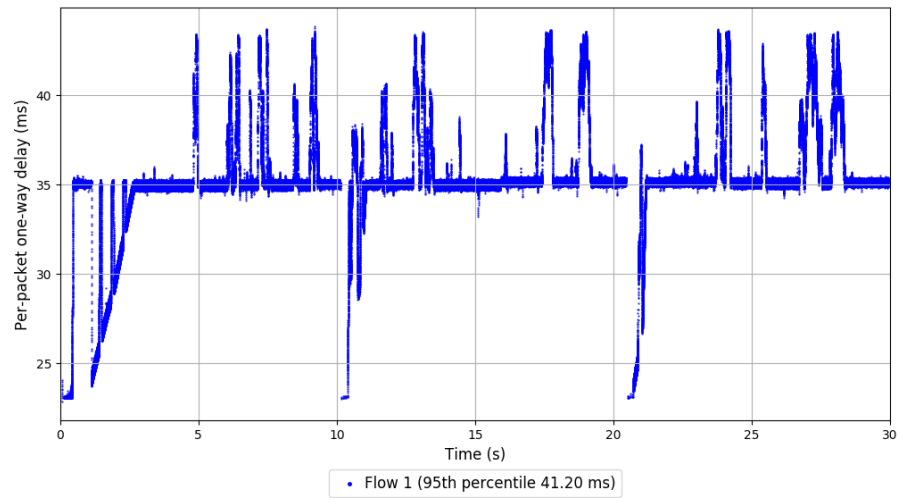
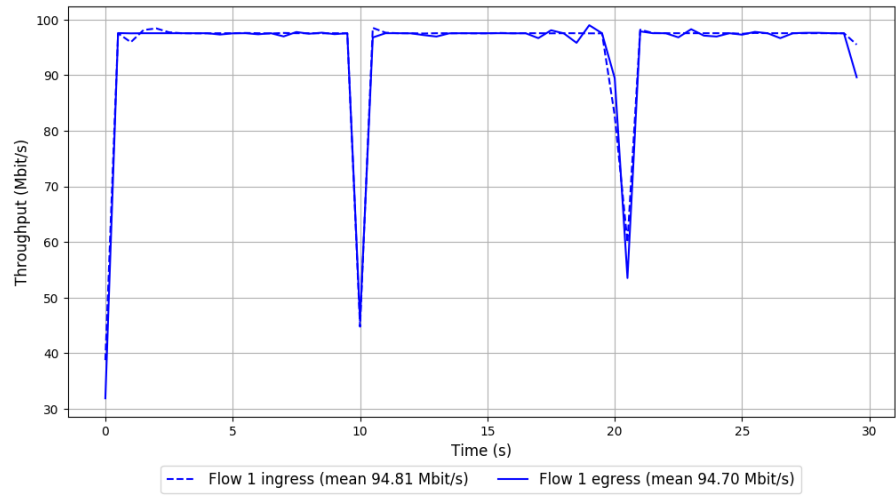
-- Flow 1:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 41.197 ms

Loss rate: 0.31%

Run 9: Report of TCP BBR — Data Link

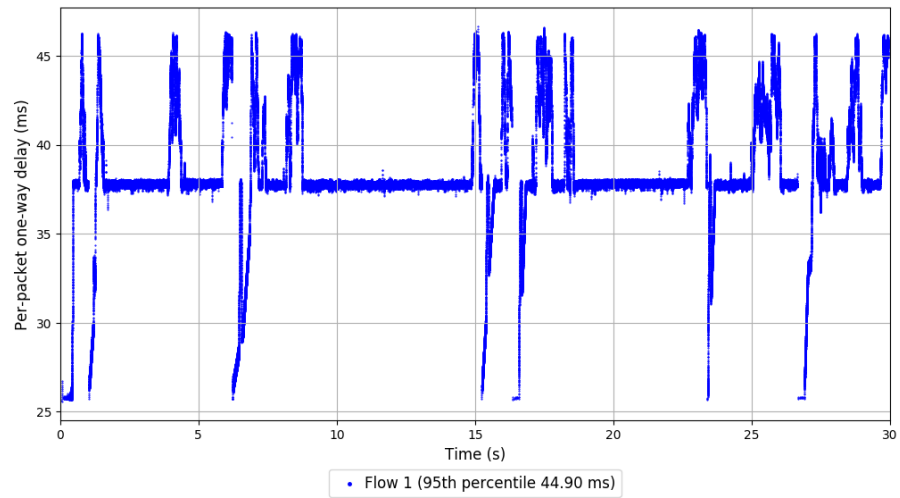
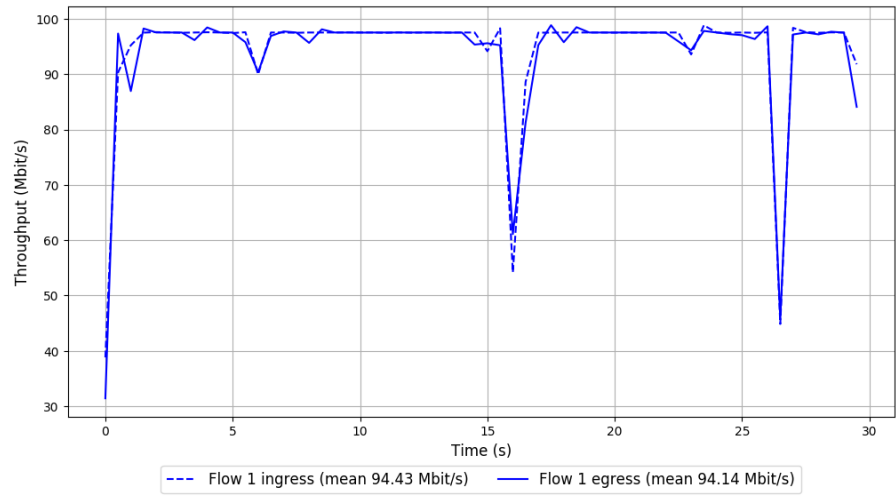


Run 10: Statistics of TCP BBR

Start at: 2018-02-02 12:38:11
End at: 2018-02-02 12:38:41
Local clock offset: 1.071 ms
Remote clock offset: -2.192 ms

Below is generated by plot.py at 2018-02-02 17:00:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 44.904 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 44.904 ms
Loss rate: 0.50%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-02-02 09:01:00

End at: 2018-02-02 09:01:30

Local clock offset: 0.168 ms

Remote clock offset: 1.804 ms

Below is generated by plot.py at 2018-02-02 17:00:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.87 Mbit/s

95th percentile per-packet one-way delay: 37.119 ms

Loss rate: 0.22%

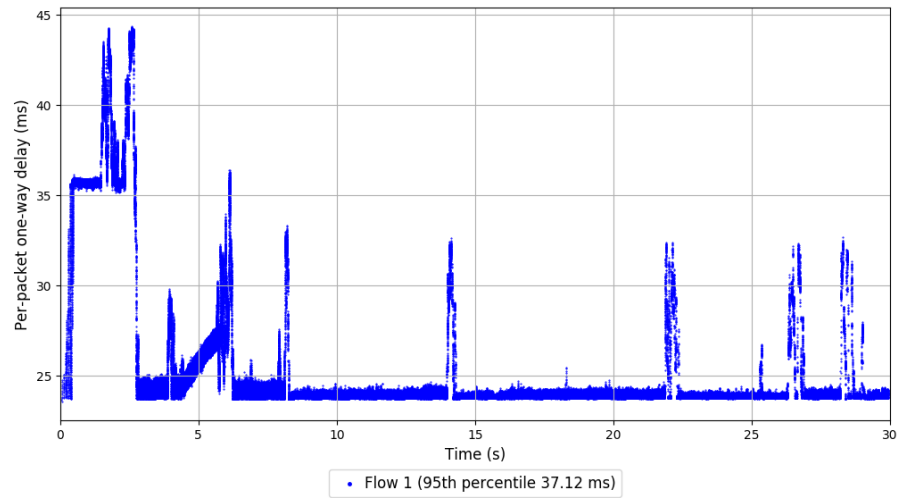
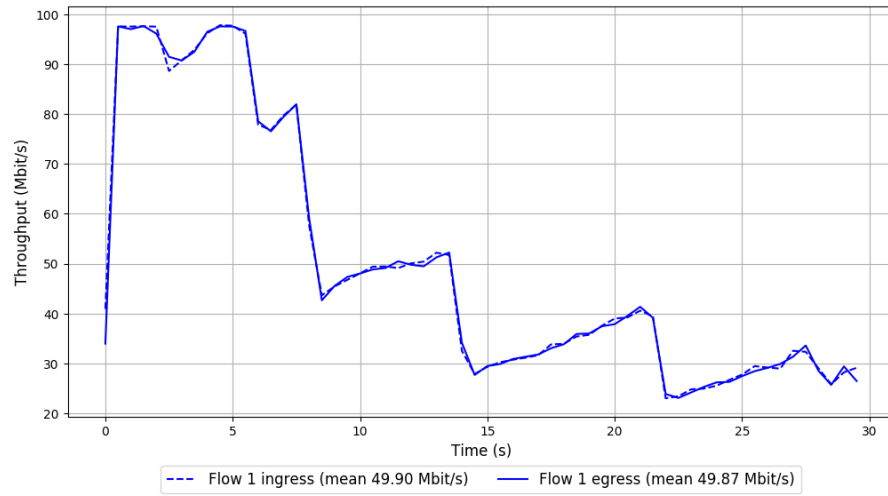
-- Flow 1:

Average throughput: 49.87 Mbit/s

95th percentile per-packet one-way delay: 37.119 ms

Loss rate: 0.22%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

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

End at: 2018-02-02 09:25:32

Local clock offset: 0.404 ms

Remote clock offset: 2.591 ms

Below is generated by plot.py at 2018-02-02 17:00:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.20 Mbit/s

95th percentile per-packet one-way delay: 35.258 ms

Loss rate: 0.21%

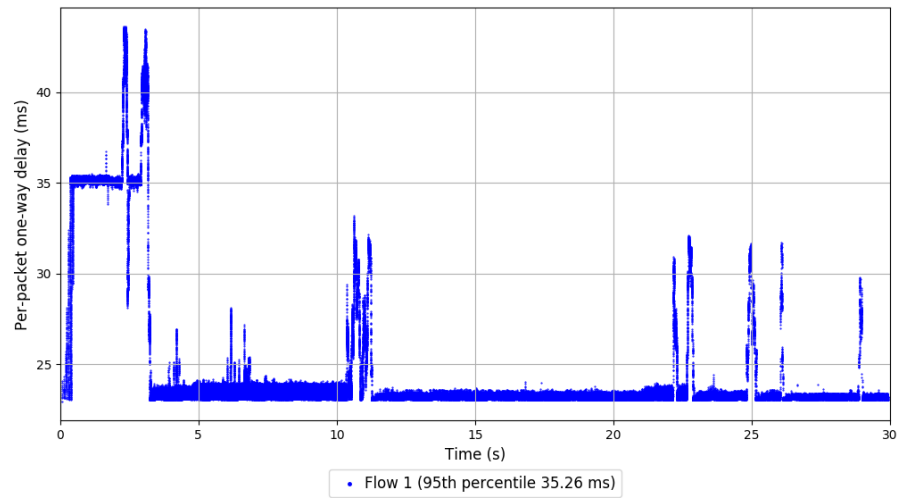
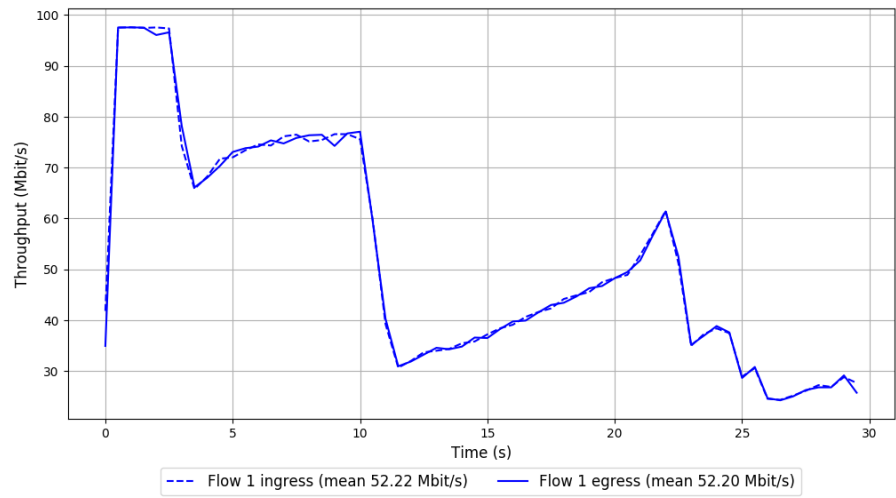
-- Flow 1:

Average throughput: 52.20 Mbit/s

95th percentile per-packet one-way delay: 35.258 ms

Loss rate: 0.21%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-02-02 09:48:55

End at: 2018-02-02 09:49:25

Local clock offset: 0.657 ms

Remote clock offset: 2.109 ms

Below is generated by plot.py at 2018-02-02 17:00:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.82 Mbit/s

95th percentile per-packet one-way delay: 35.569 ms

Loss rate: 0.27%

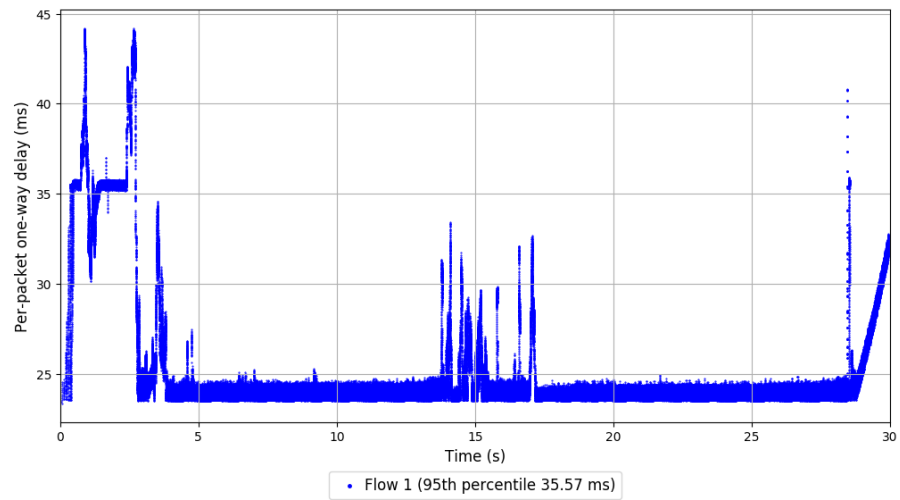
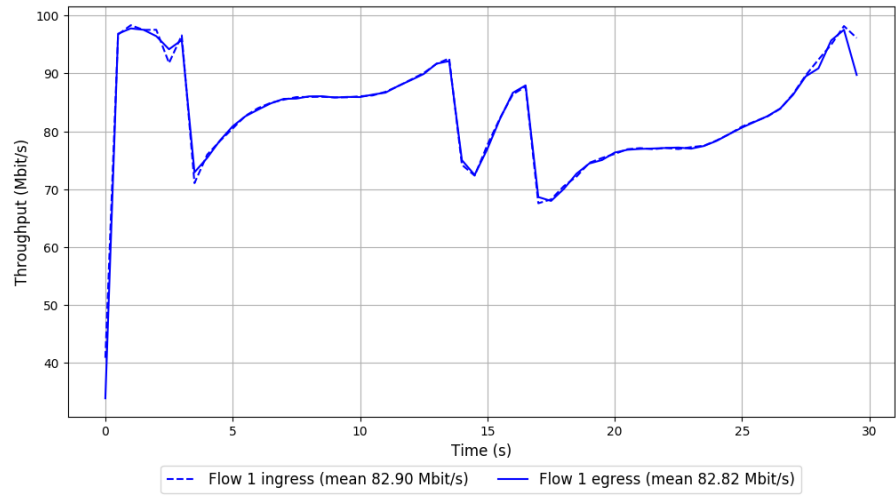
-- Flow 1:

Average throughput: 82.82 Mbit/s

95th percentile per-packet one-way delay: 35.569 ms

Loss rate: 0.27%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-02-02 10:12:54

End at: 2018-02-02 10:13:24

Local clock offset: 0.757 ms

Remote clock offset: 2.008 ms

Below is generated by plot.py at 2018-02-02 17:00:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.41 Mbit/s

95th percentile per-packet one-way delay: 35.789 ms

Loss rate: 0.26%

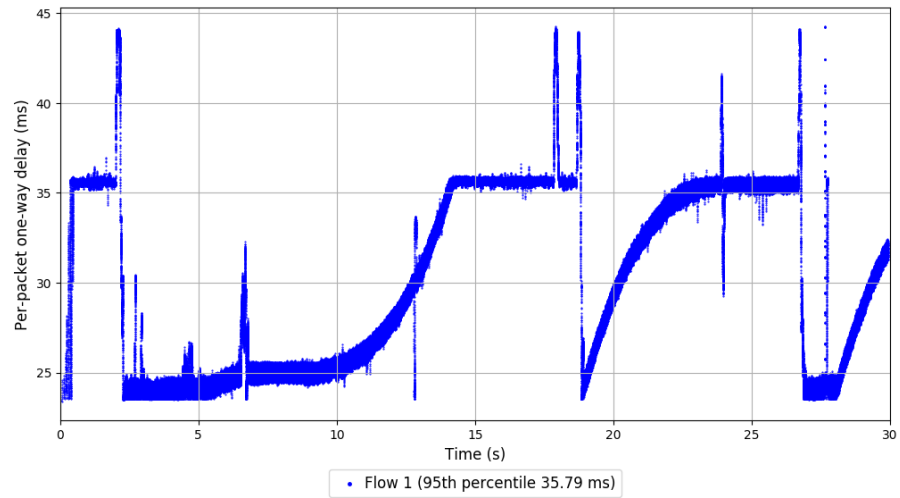
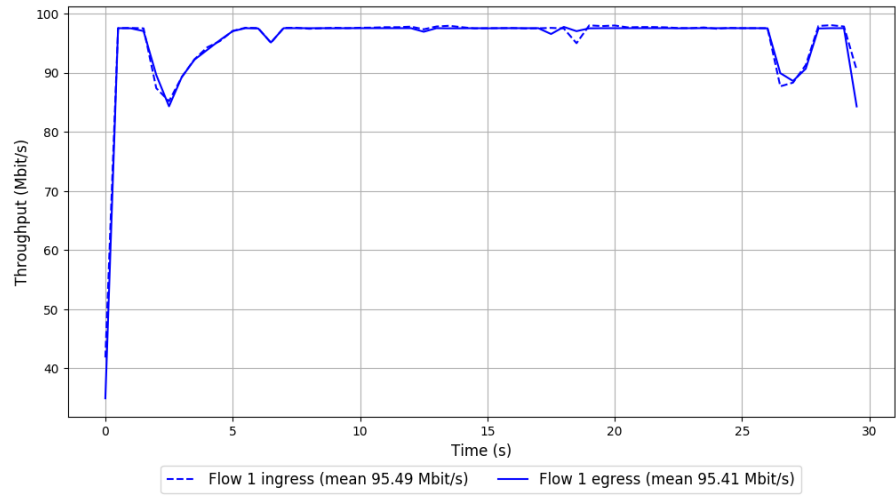
-- Flow 1:

Average throughput: 95.41 Mbit/s

95th percentile per-packet one-way delay: 35.789 ms

Loss rate: 0.26%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-02-02 10:36:52

End at: 2018-02-02 10:37:22

Local clock offset: 0.815 ms

Remote clock offset: 2.266 ms

Below is generated by plot.py at 2018-02-02 17:00:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.51 Mbit/s

95th percentile per-packet one-way delay: 35.116 ms

Loss rate: 0.20%

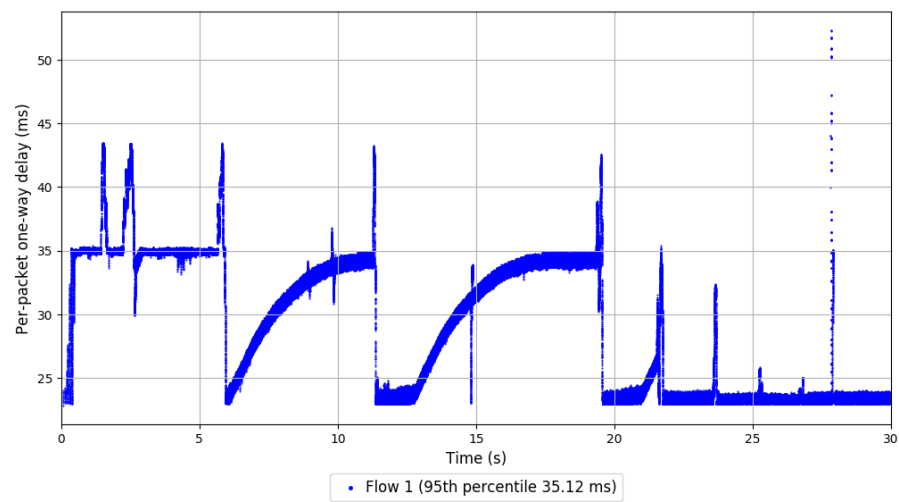
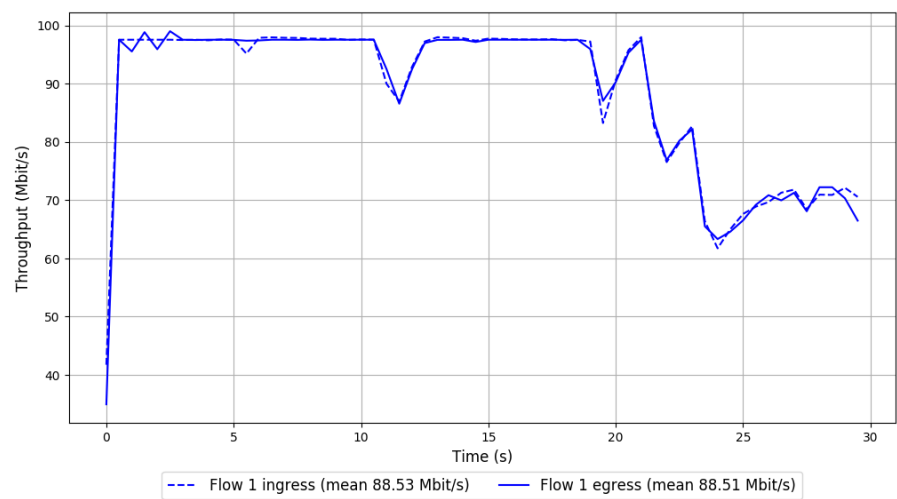
-- Flow 1:

Average throughput: 88.51 Mbit/s

95th percentile per-packet one-way delay: 35.116 ms

Loss rate: 0.20%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-02-02 11:00:51

End at: 2018-02-02 11:01:21

Local clock offset: 0.774 ms

Remote clock offset: 0.847 ms

Below is generated by plot.py at 2018-02-02 17:00:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 35.892 ms

Loss rate: 0.22%

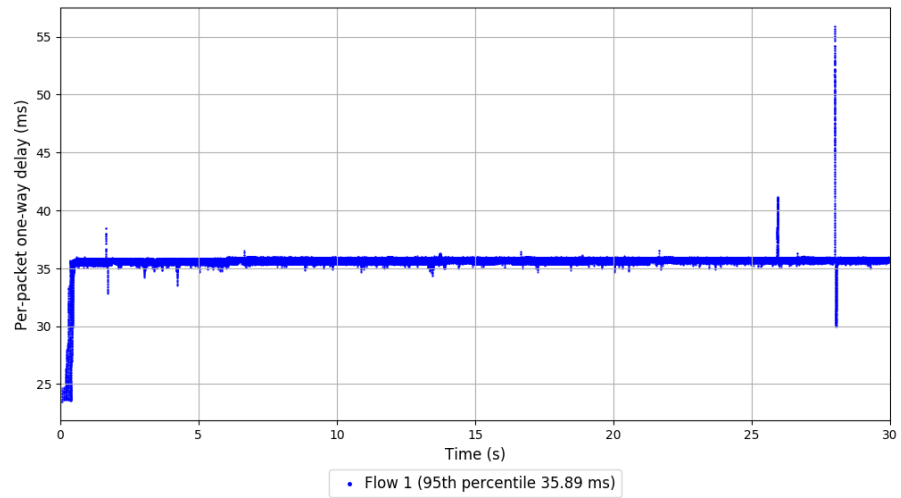
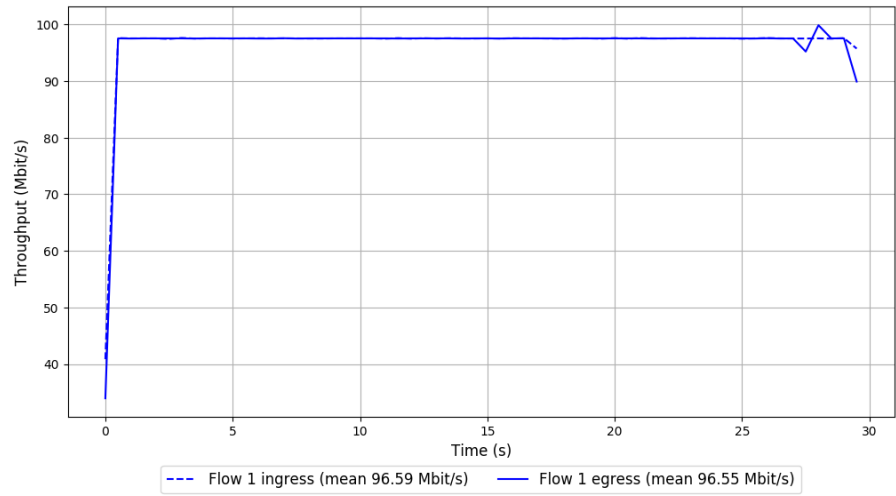
-- Flow 1:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 35.892 ms

Loss rate: 0.22%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-02-02 11:24:50

End at: 2018-02-02 11:25:20

Local clock offset: 0.932 ms

Remote clock offset: 0.702 ms

Below is generated by plot.py at 2018-02-02 17:00:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.05 Mbit/s

95th percentile per-packet one-way delay: 35.092 ms

Loss rate: 0.18%

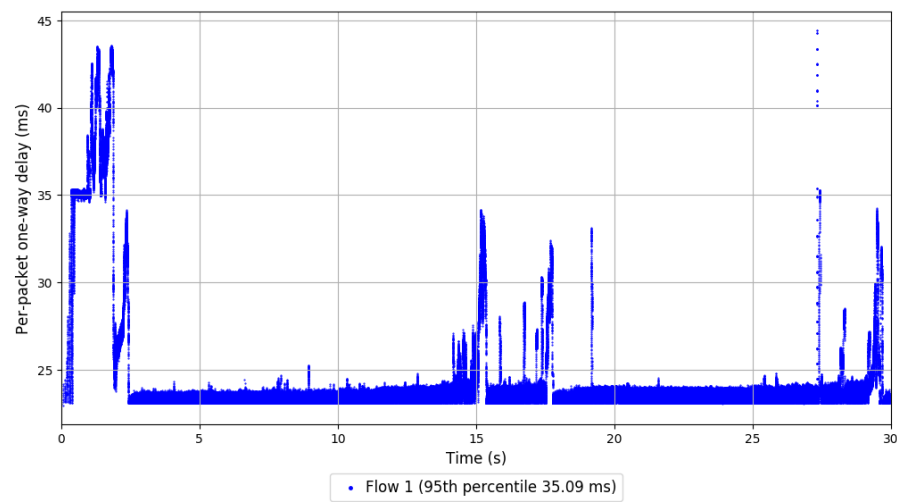
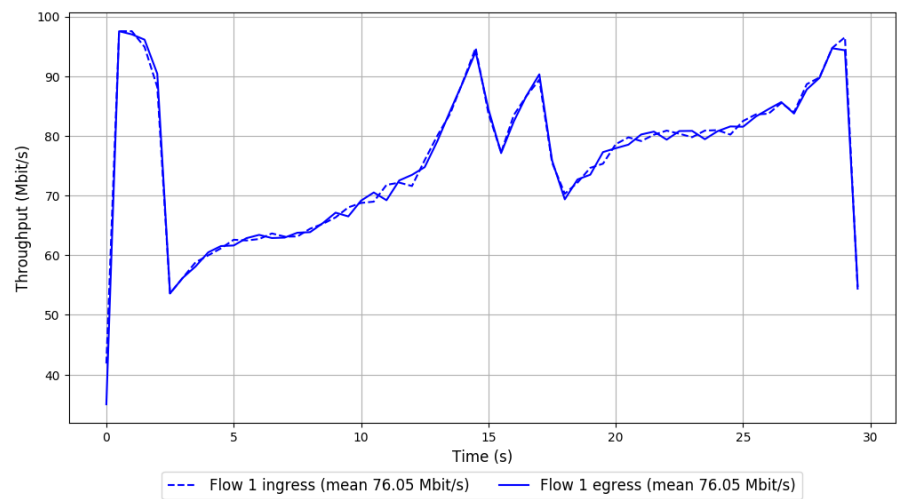
-- Flow 1:

Average throughput: 76.05 Mbit/s

95th percentile per-packet one-way delay: 35.092 ms

Loss rate: 0.18%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-02-02 11:48:58

End at: 2018-02-02 11:49:28

Local clock offset: 1.03 ms

Remote clock offset: 0.774 ms

Below is generated by plot.py at 2018-02-02 17:00:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.98 Mbit/s

95th percentile per-packet one-way delay: 38.207 ms

Loss rate: 0.24%

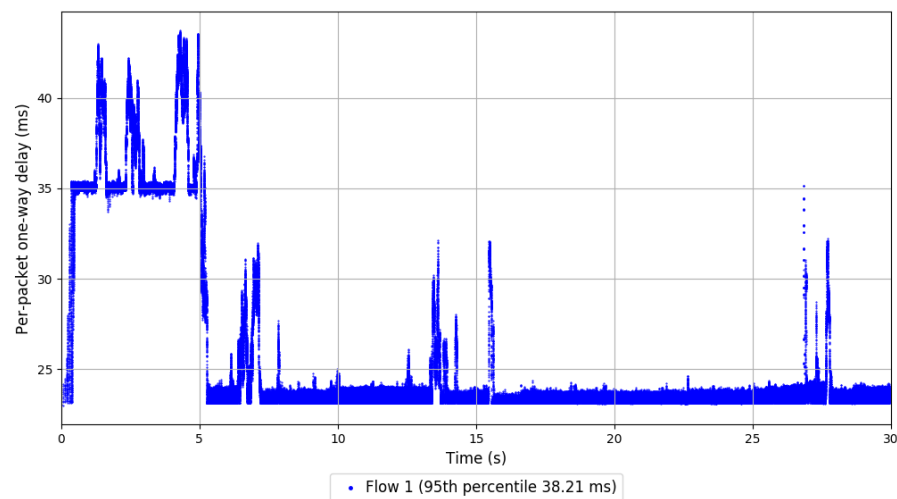
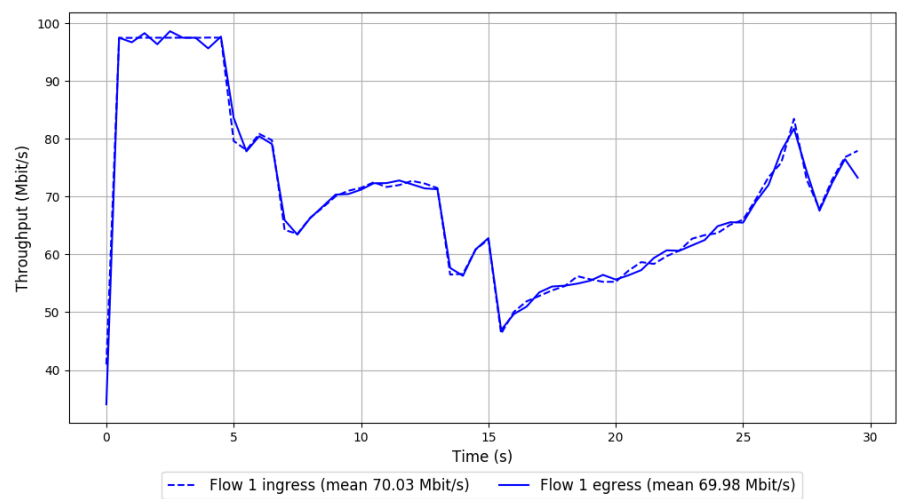
-- Flow 1:

Average throughput: 69.98 Mbit/s

95th percentile per-packet one-way delay: 38.207 ms

Loss rate: 0.24%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

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

End at: 2018-02-02 12:13:24

Local clock offset: 0.836 ms

Remote clock offset: 0.41 ms

Below is generated by plot.py at 2018-02-02 17:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 35.358 ms

Loss rate: 0.23%

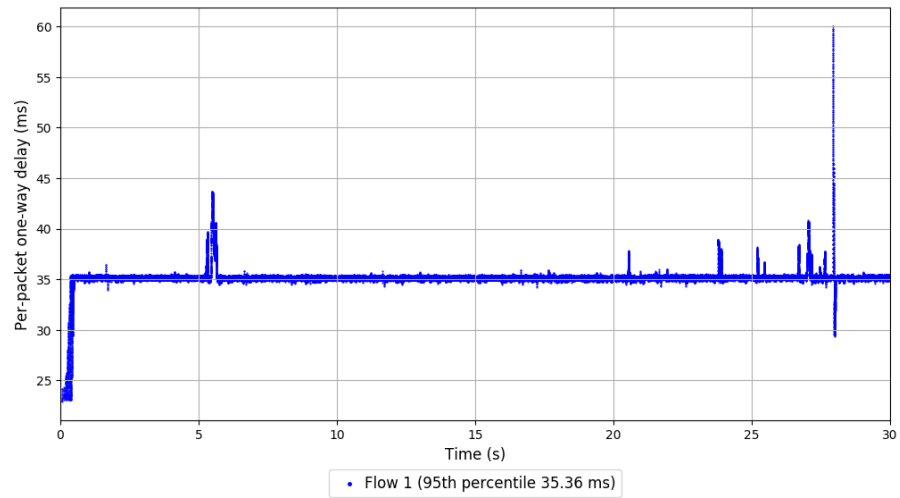
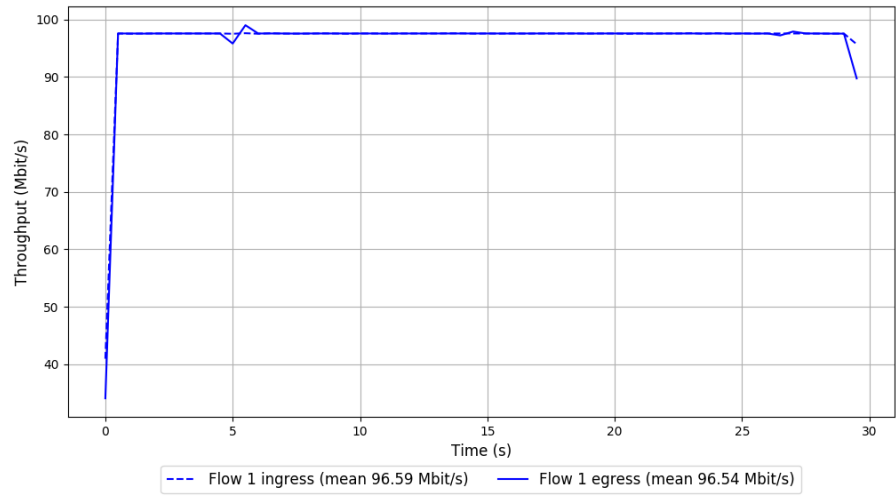
-- Flow 1:

Average throughput: 96.54 Mbit/s

95th percentile per-packet one-way delay: 35.358 ms

Loss rate: 0.23%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-02 12:36:53

End at: 2018-02-02 12:37:23

Local clock offset: 1.046 ms

Remote clock offset: -2.101 ms

Below is generated by plot.py at 2018-02-02 17:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.21 Mbit/s

95th percentile per-packet one-way delay: 30.425 ms

Loss rate: 0.25%

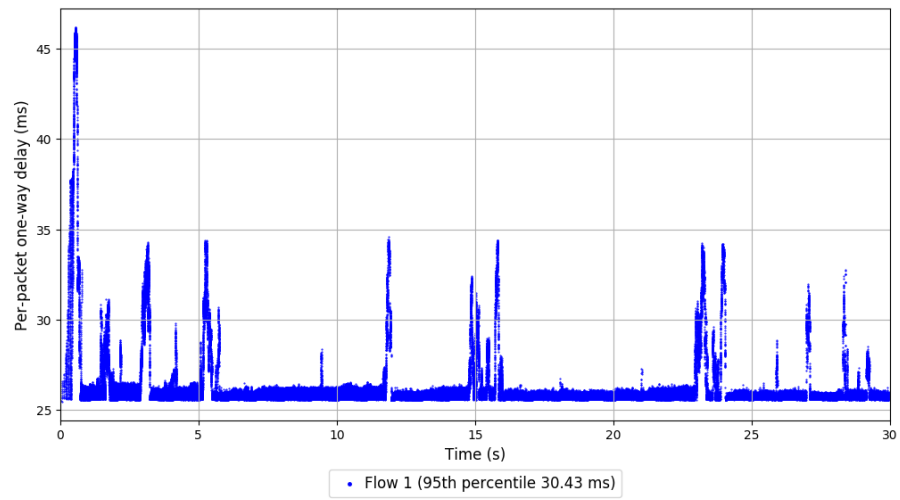
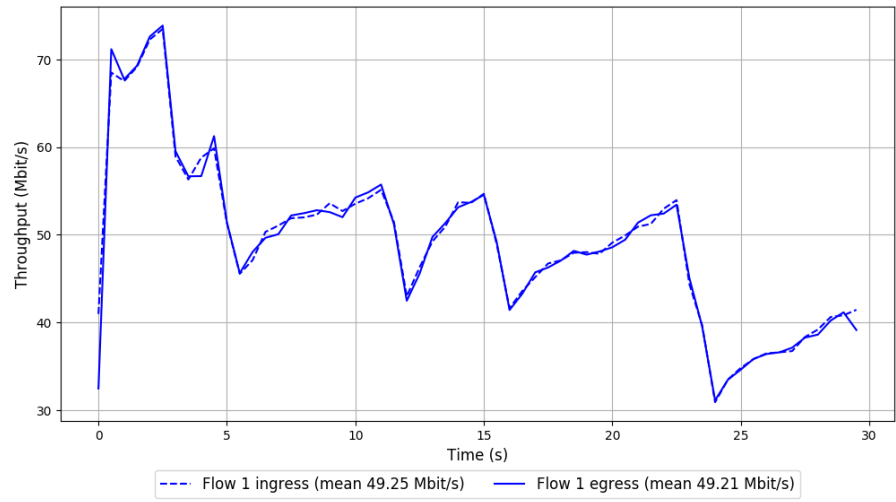
-- Flow 1:

Average throughput: 49.21 Mbit/s

95th percentile per-packet one-way delay: 30.425 ms

Loss rate: 0.25%

Run 10: Report of TCP Cubic — Data Link

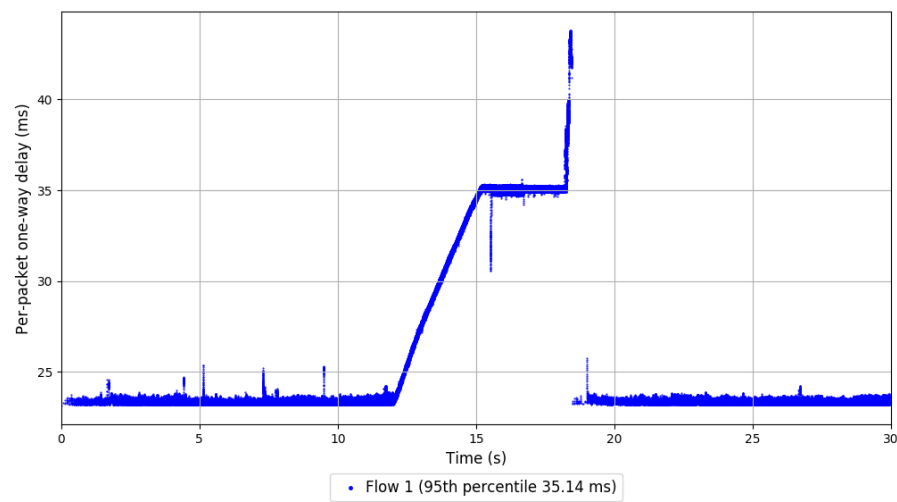
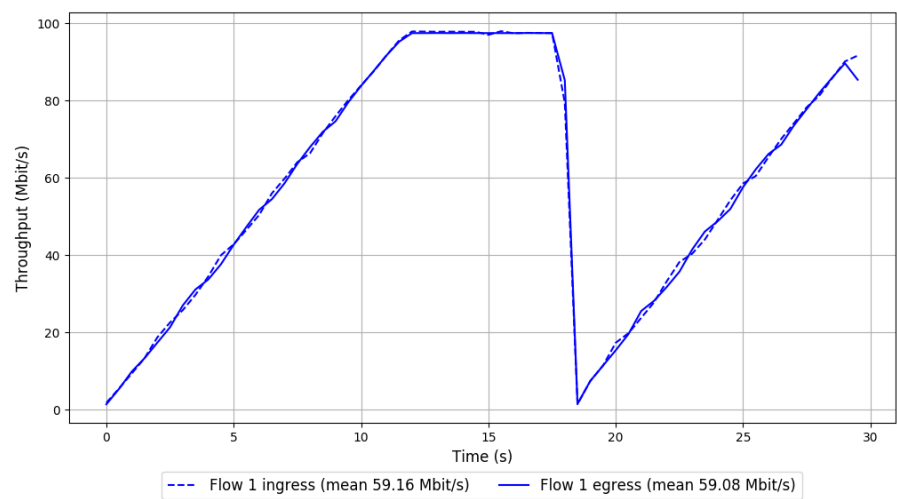


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-02 08:56:58
End at: 2018-02-02 08:57:28
Local clock offset: 0.139 ms
Remote clock offset: 2.203 ms

# Below is generated by plot.py at 2018-02-02 17:01:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 35.138 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 35.138 ms
Loss rate: 0.32%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

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

End at: 2018-02-02 09:21:32

Local clock offset: 0.347 ms

Remote clock offset: 2.198 ms

Below is generated by plot.py at 2018-02-02 17:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.62 Mbit/s

95th percentile per-packet one-way delay: 23.957 ms

Loss rate: 0.51%

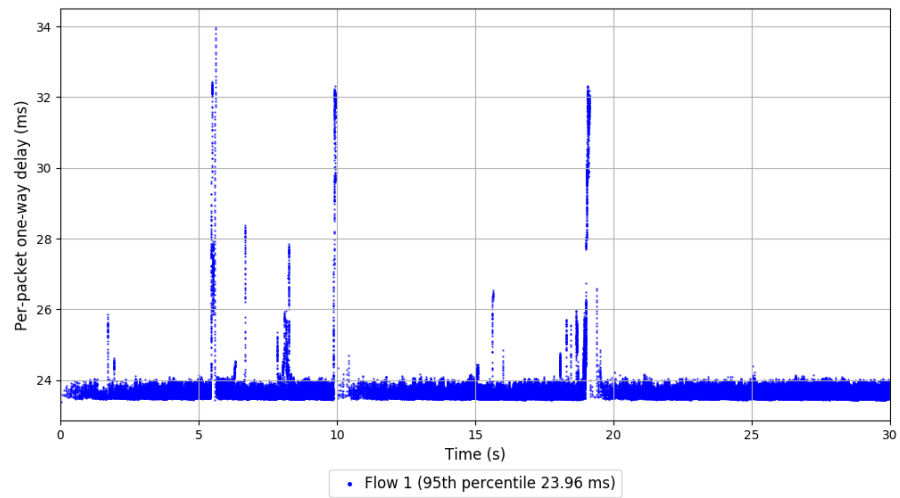
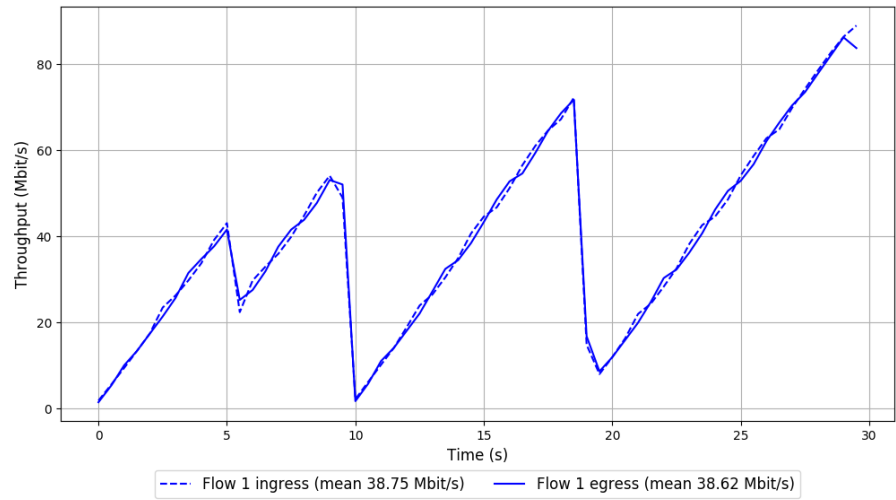
-- Flow 1:

Average throughput: 38.62 Mbit/s

95th percentile per-packet one-way delay: 23.957 ms

Loss rate: 0.51%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-02-02 09:44:55

End at: 2018-02-02 09:45:25

Local clock offset: 0.625 ms

Remote clock offset: 2.526 ms

Below is generated by plot.py at 2018-02-02 17:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.27 Mbit/s

95th percentile per-packet one-way delay: 24.488 ms

Loss rate: 0.41%

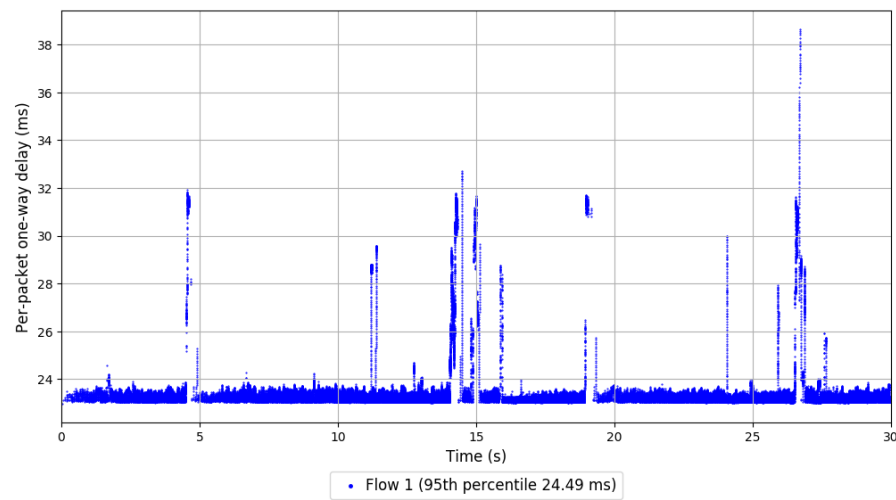
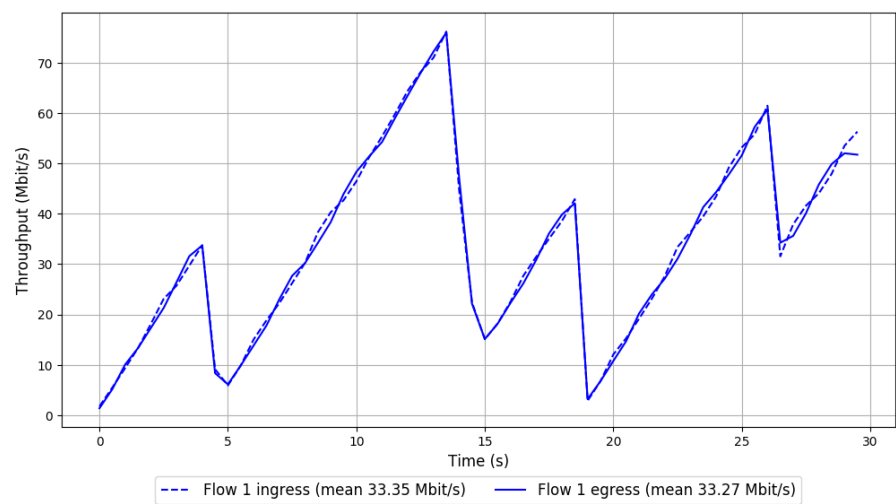
-- Flow 1:

Average throughput: 33.27 Mbit/s

95th percentile per-packet one-way delay: 24.488 ms

Loss rate: 0.41%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-02-02 10:08:54

End at: 2018-02-02 10:09:24

Local clock offset: 0.87 ms

Remote clock offset: 2.114 ms

Below is generated by plot.py at 2018-02-02 17:01:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.68 Mbit/s

95th percentile per-packet one-way delay: 24.169 ms

Loss rate: 0.25%

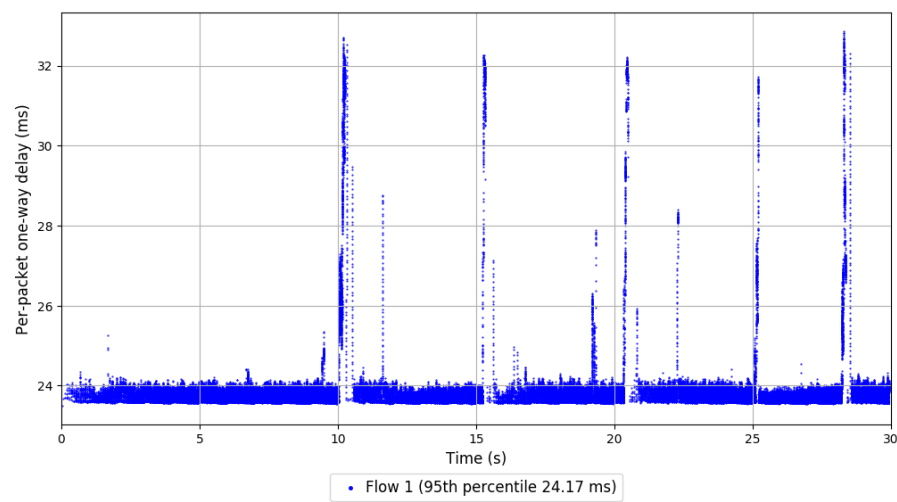
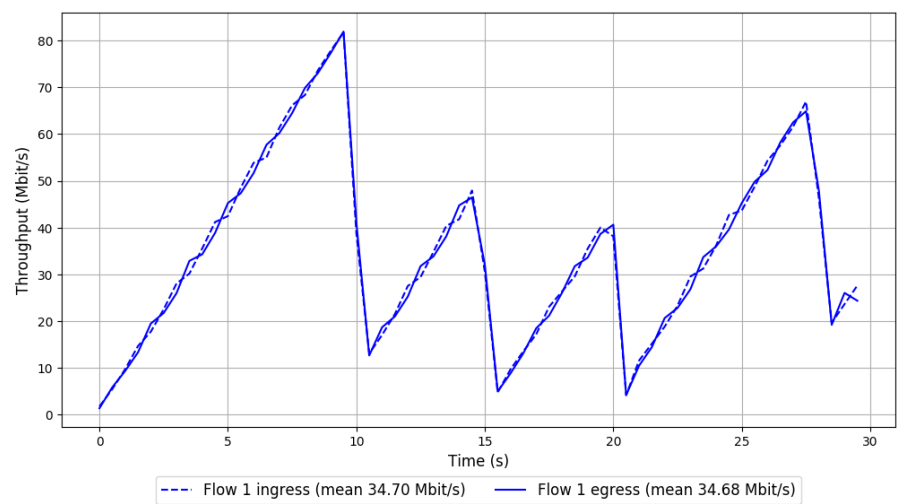
-- Flow 1:

Average throughput: 34.68 Mbit/s

95th percentile per-packet one-way delay: 24.169 ms

Loss rate: 0.25%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-02-02 10:32:49

End at: 2018-02-02 10:33:19

Local clock offset: 0.851 ms

Remote clock offset: 2.2 ms

Below is generated by plot.py at 2018-02-02 17:01:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 35.109 ms

Loss rate: 0.30%

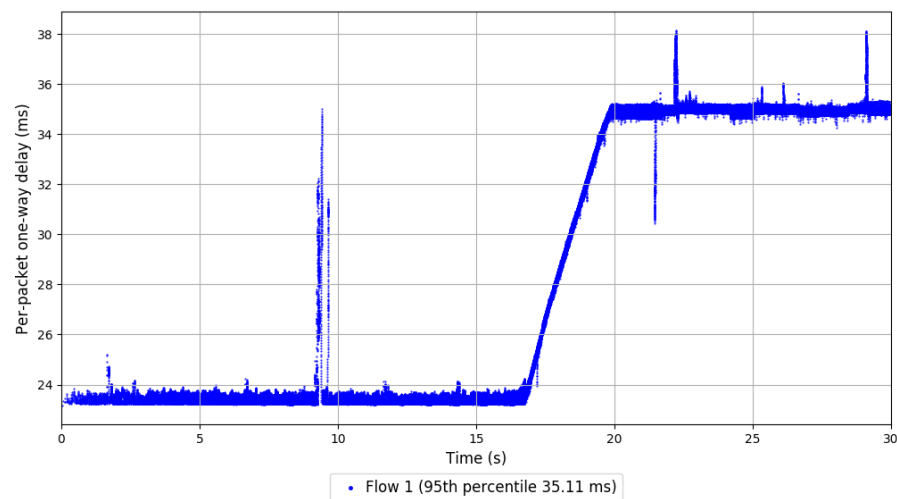
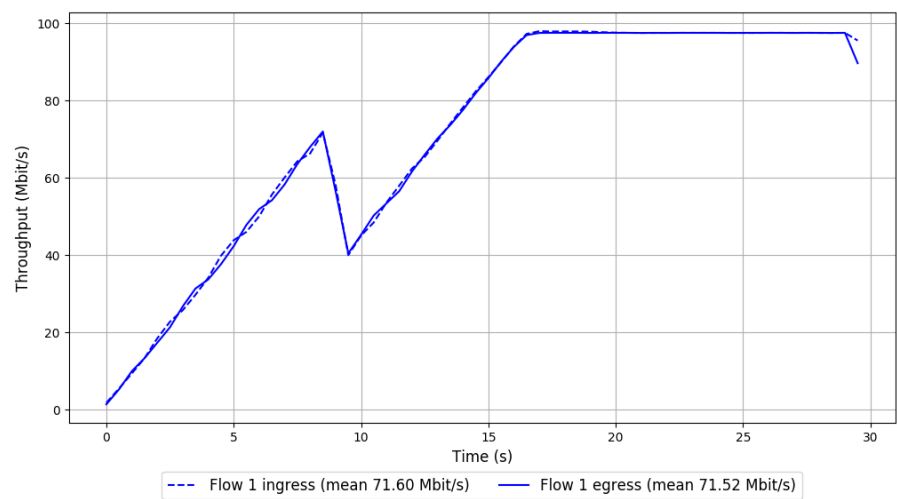
-- Flow 1:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 35.109 ms

Loss rate: 0.30%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-02 10:56:50

End at: 2018-02-02 10:57:20

Local clock offset: 0.7 ms

Remote clock offset: 1.46 ms

Below is generated by plot.py at 2018-02-02 17:01:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.72 Mbit/s

95th percentile per-packet one-way delay: 34.989 ms

Loss rate: 0.29%

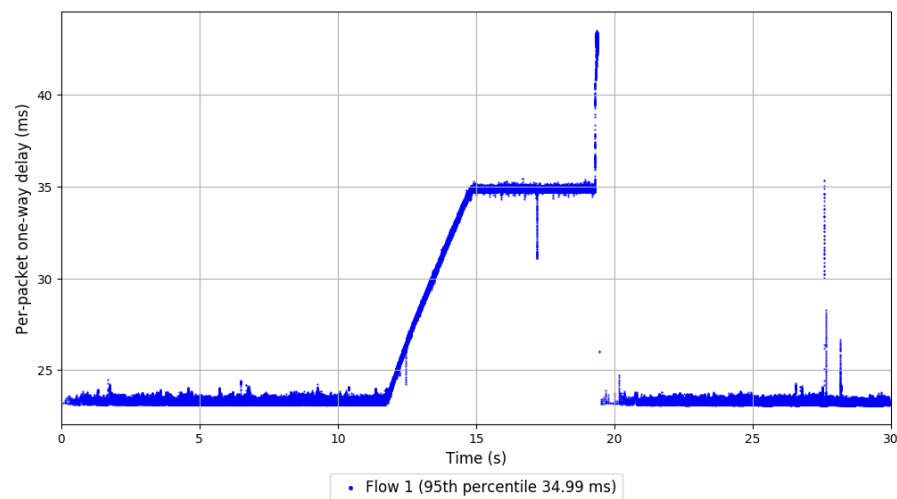
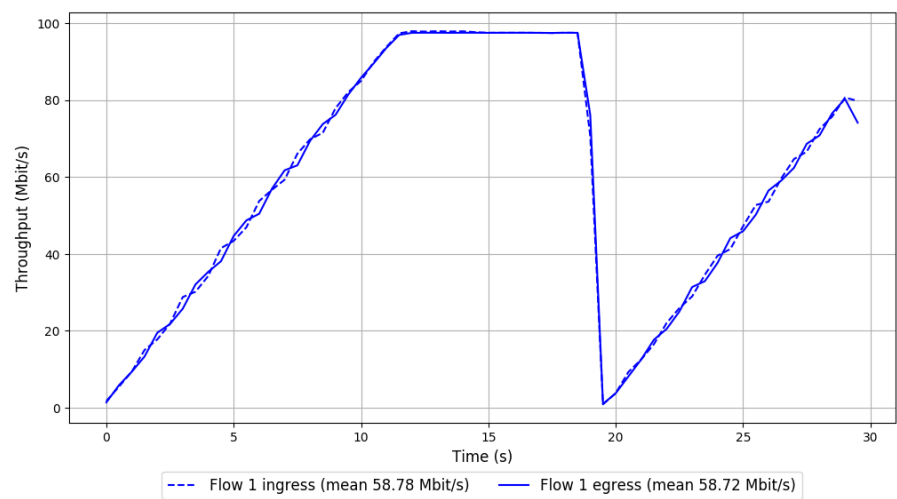
-- Flow 1:

Average throughput: 58.72 Mbit/s

95th percentile per-packet one-way delay: 34.989 ms

Loss rate: 0.29%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-02 11:20:48

End at: 2018-02-02 11:21:18

Local clock offset: 0.986 ms

Remote clock offset: 0.278 ms

Below is generated by plot.py at 2018-02-02 17:01:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.67 Mbit/s

95th percentile per-packet one-way delay: 35.626 ms

Loss rate: 0.31%

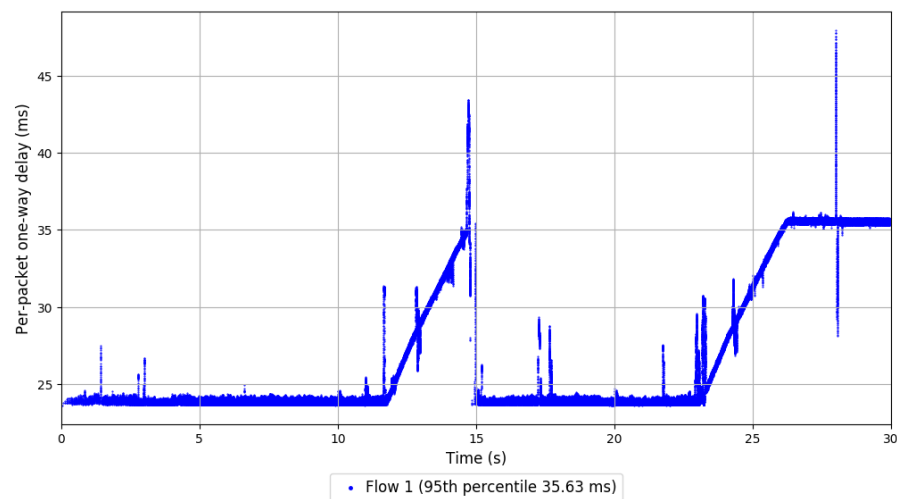
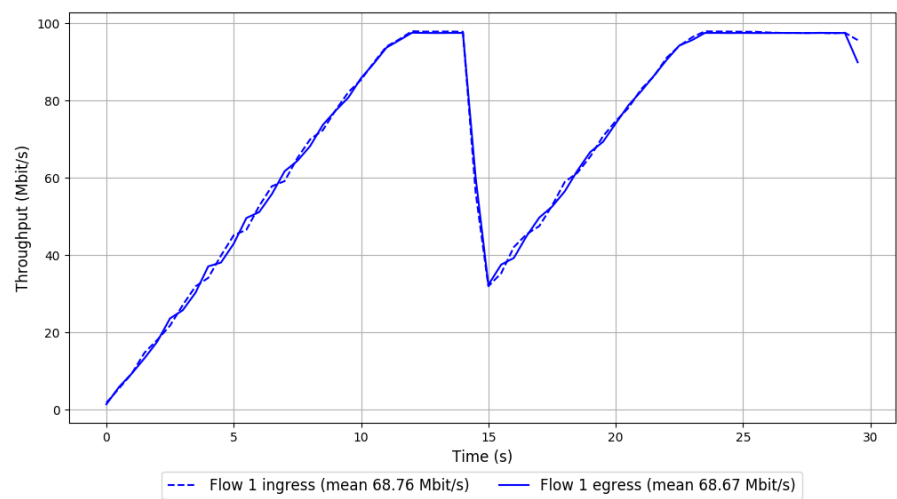
-- Flow 1:

Average throughput: 68.67 Mbit/s

95th percentile per-packet one-way delay: 35.626 ms

Loss rate: 0.31%

Run 7: Report of LEDBAT — Data Link

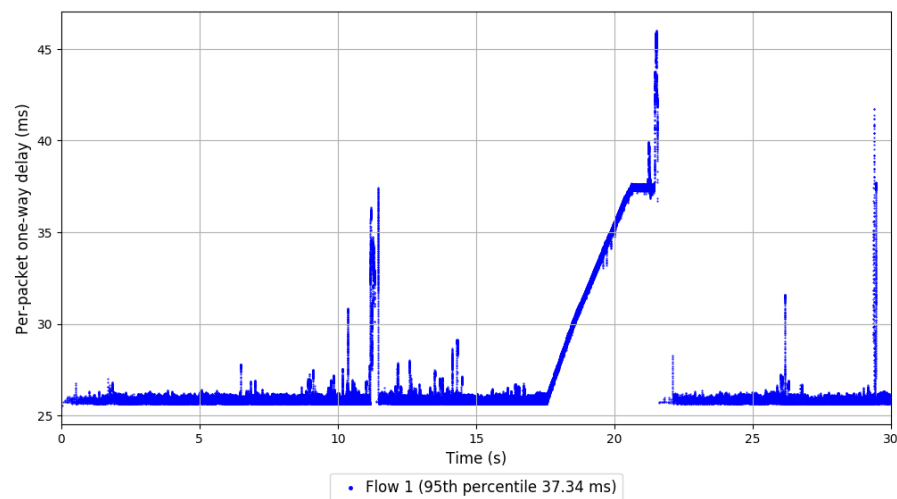
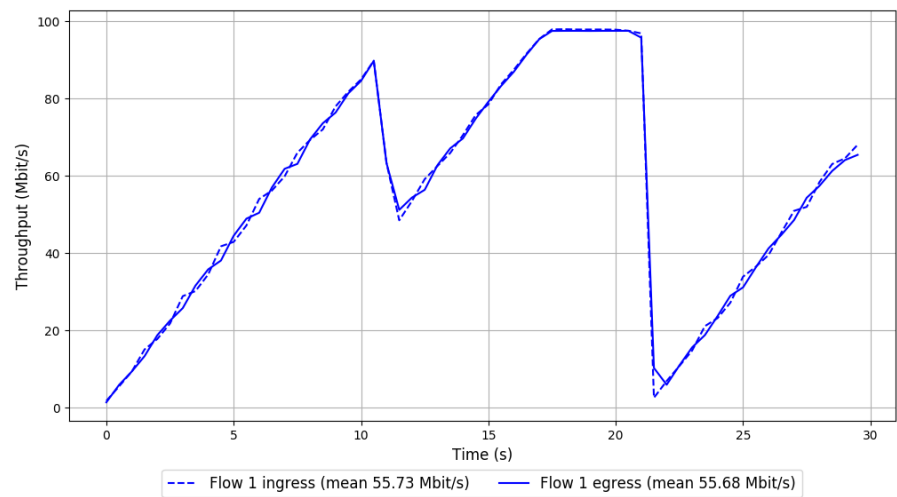


Run 8: Statistics of LEDBAT

Start at: 2018-02-02 11:44:54
End at: 2018-02-02 11:45:24
Local clock offset: 0.996 ms
Remote clock offset: -1.771 ms

Below is generated by plot.py at 2018-02-02 17:01:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.68 Mbit/s
95th percentile per-packet one-way delay: 37.343 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 55.68 Mbit/s
95th percentile per-packet one-way delay: 37.343 ms
Loss rate: 0.26%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-02 12:08:54

End at: 2018-02-02 12:09:24

Local clock offset: 0.904 ms

Remote clock offset: 0.462 ms

Below is generated by plot.py at 2018-02-02 17:01:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.83 Mbit/s

95th percentile per-packet one-way delay: 23.550 ms

Loss rate: 0.32%

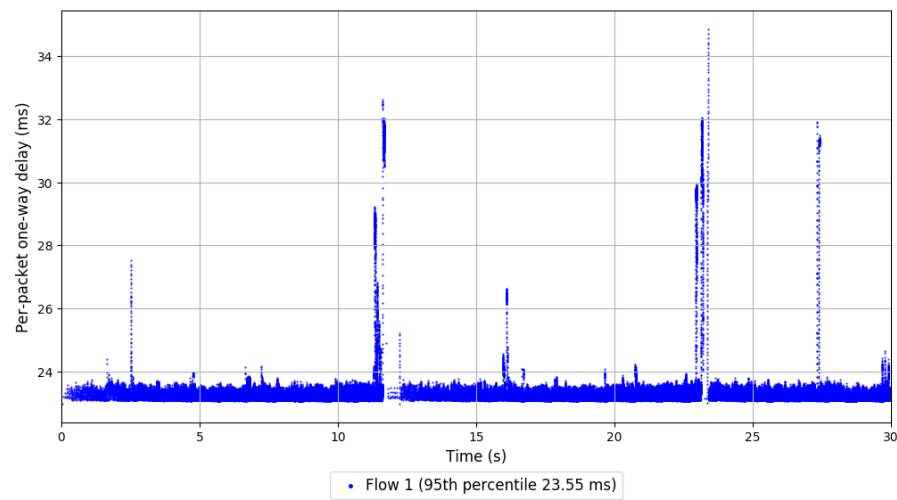
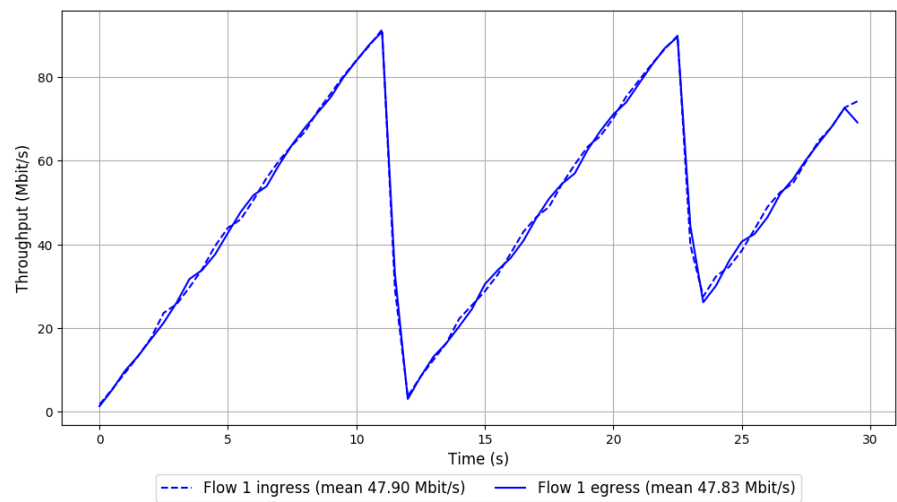
-- Flow 1:

Average throughput: 47.83 Mbit/s

95th percentile per-packet one-way delay: 23.550 ms

Loss rate: 0.32%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-02-02 12:32:50

End at: 2018-02-02 12:33:20

Local clock offset: 0.924 ms

Remote clock offset: 0.413 ms

Below is generated by plot.py at 2018-02-02 17:01:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.53 Mbit/s

95th percentile per-packet one-way delay: 24.874 ms

Loss rate: 0.22%

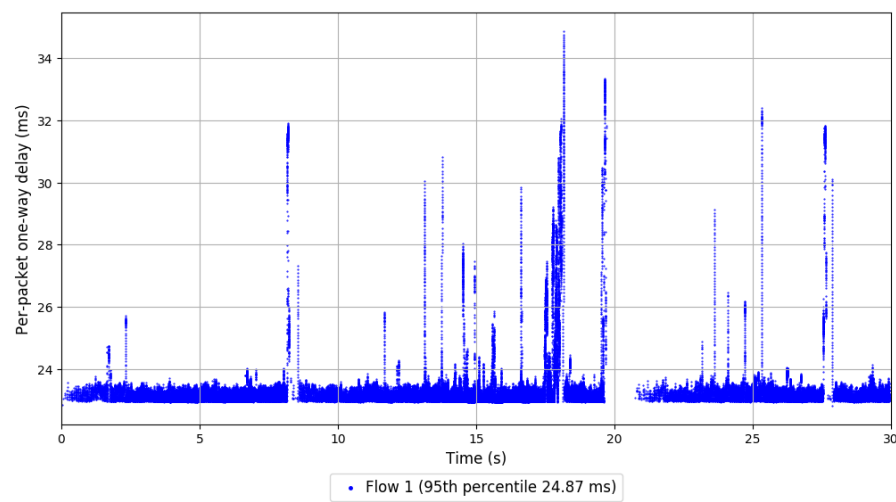
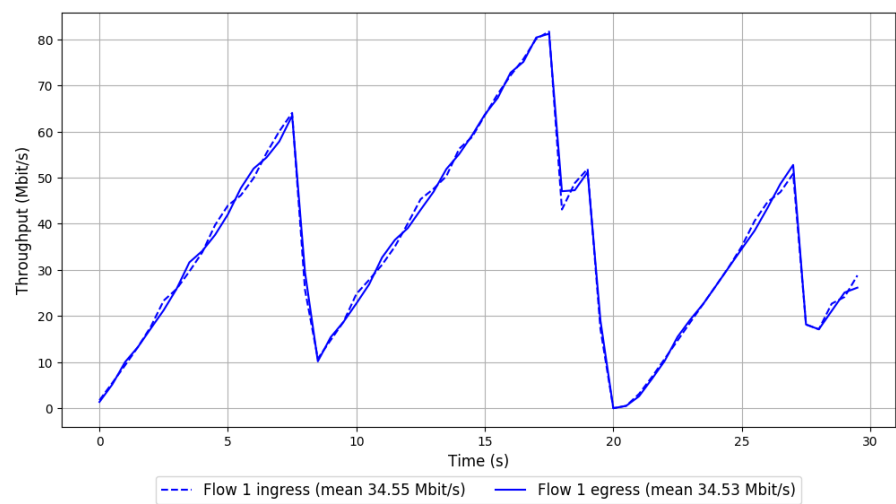
-- Flow 1:

Average throughput: 34.53 Mbit/s

95th percentile per-packet one-way delay: 24.874 ms

Loss rate: 0.22%

Run 10: Report of LEDBAT — Data Link

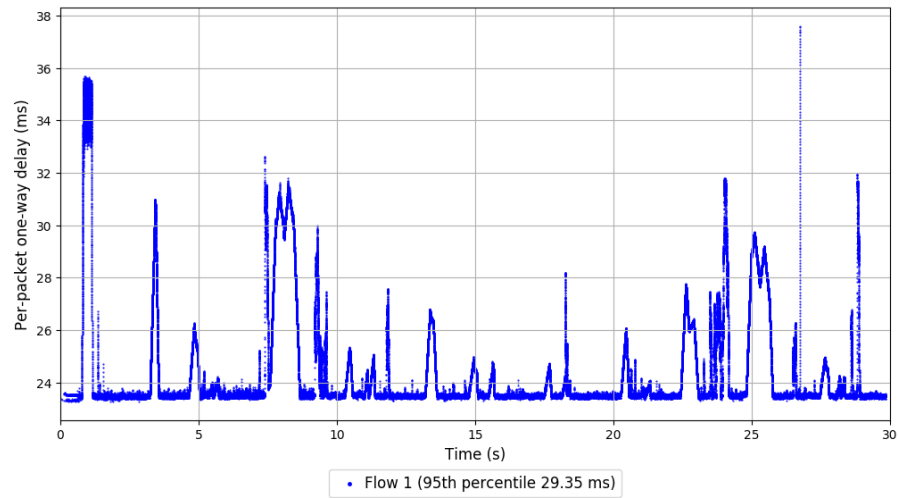
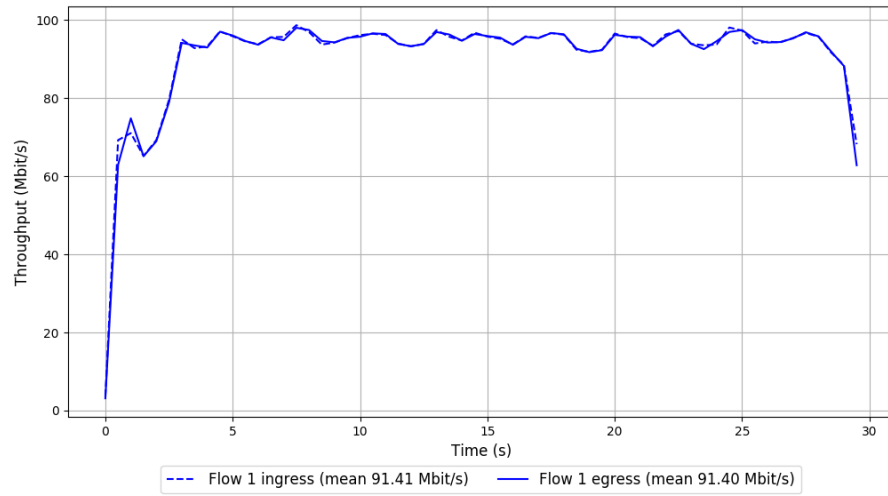


```
Run 1: Statistics of PCC

Start at: 2018-02-02 09:10:28
End at: 2018-02-02 09:10:58
Local clock offset: 0.189 ms
Remote clock offset: 2.121 ms

# Below is generated by plot.py at 2018-02-02 17:02:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 29.350 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 29.350 ms
Loss rate: 0.19%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-02 09:34:24

End at: 2018-02-02 09:34:54

Local clock offset: 0.559 ms

Remote clock offset: 1.995 ms

Below is generated by plot.py at 2018-02-02 17:02:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.08 Mbit/s

95th percentile per-packet one-way delay: 33.542 ms

Loss rate: 0.34%

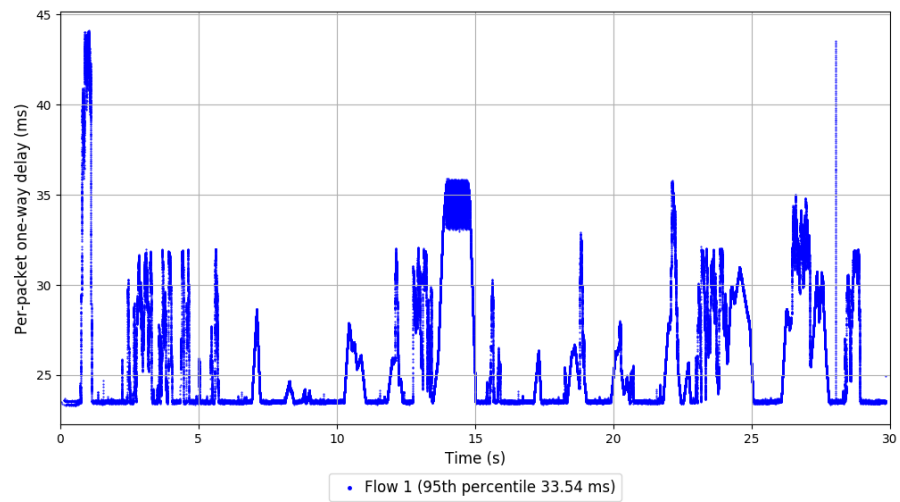
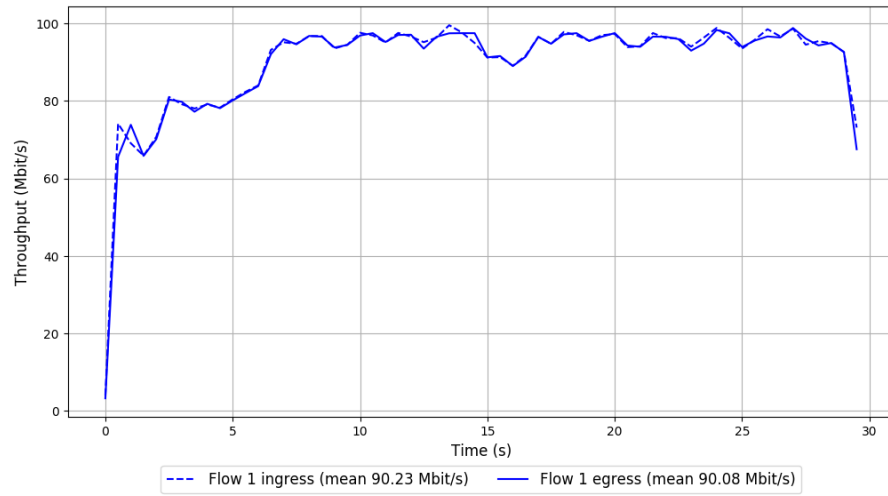
-- Flow 1:

Average throughput: 90.08 Mbit/s

95th percentile per-packet one-way delay: 33.542 ms

Loss rate: 0.34%

Run 2: Report of PCC — Data Link

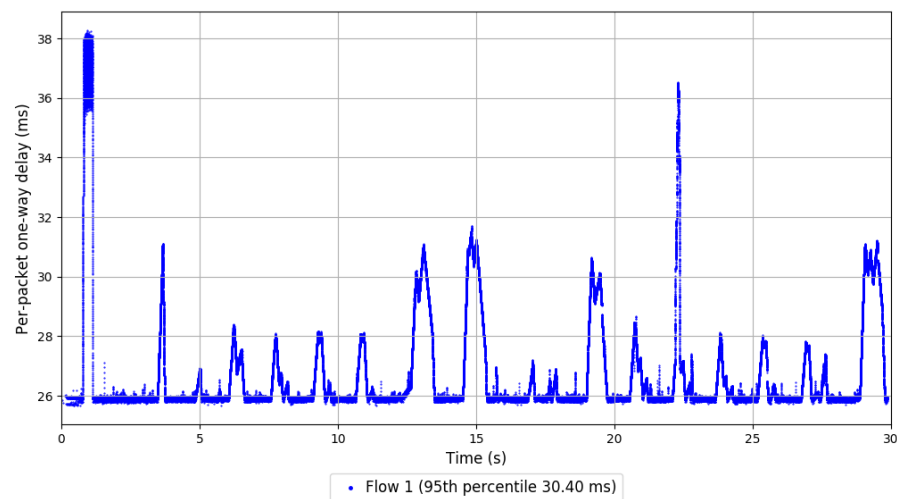
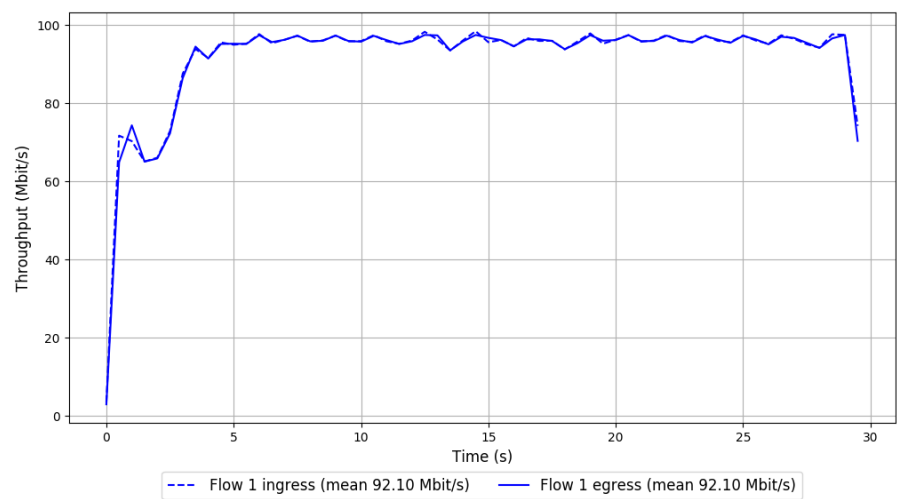


Run 3: Statistics of PCC

Start at: 2018-02-02 09:58:19
End at: 2018-02-02 09:58:49
Local clock offset: 0.847 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-02-02 17:02:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 30.396 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 30.396 ms
Loss rate: 0.18%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-02 10:22:16

End at: 2018-02-02 10:22:46

Local clock offset: 0.833 ms

Remote clock offset: 2.387 ms

Below is generated by plot.py at 2018-02-02 17:02:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.47 Mbit/s

95th percentile per-packet one-way delay: 28.668 ms

Loss rate: 0.23%

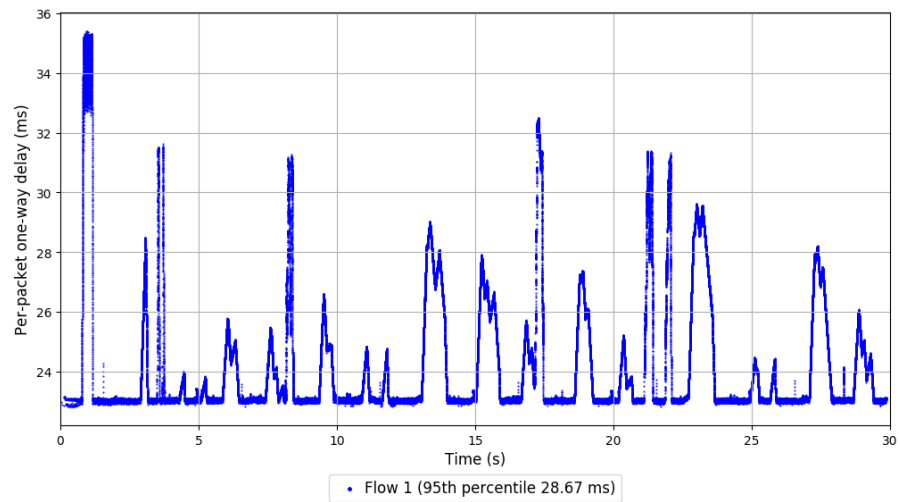
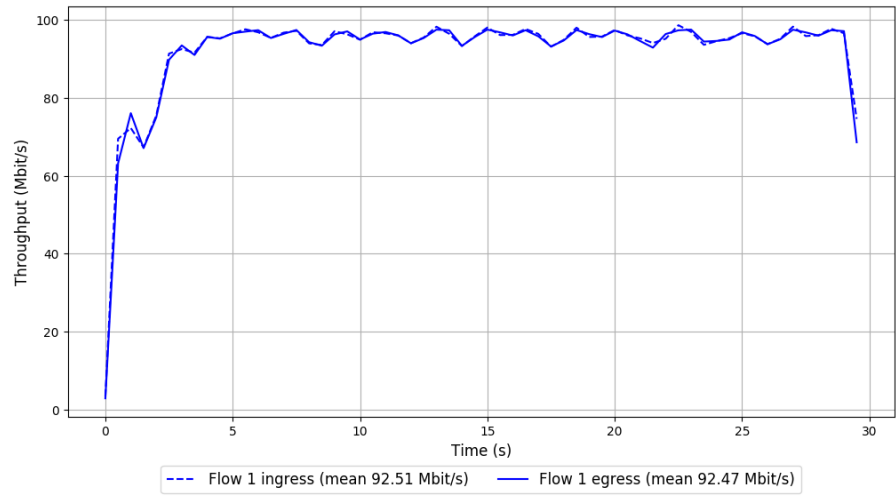
-- Flow 1:

Average throughput: 92.47 Mbit/s

95th percentile per-packet one-way delay: 28.668 ms

Loss rate: 0.23%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-02-02 10:46:18

End at: 2018-02-02 10:46:48

Local clock offset: 0.866 ms

Remote clock offset: 1.624 ms

Below is generated by plot.py at 2018-02-02 17:02:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 34.199 ms

Loss rate: 0.20%

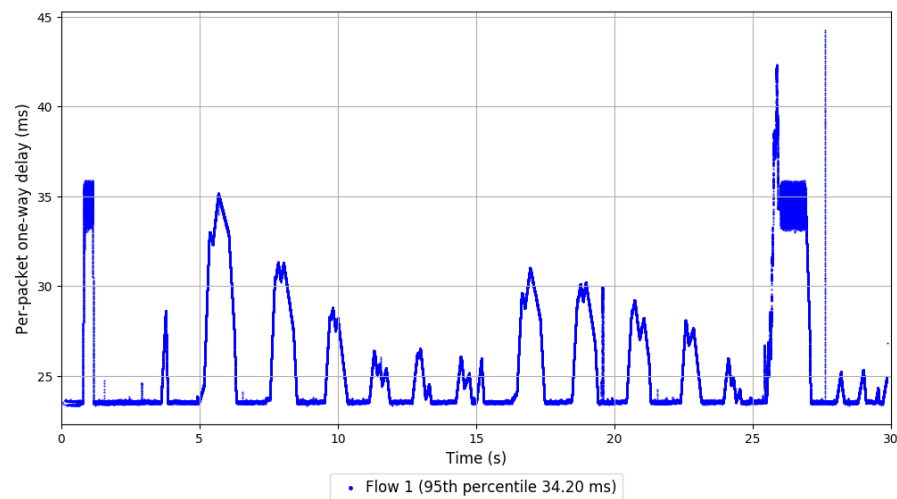
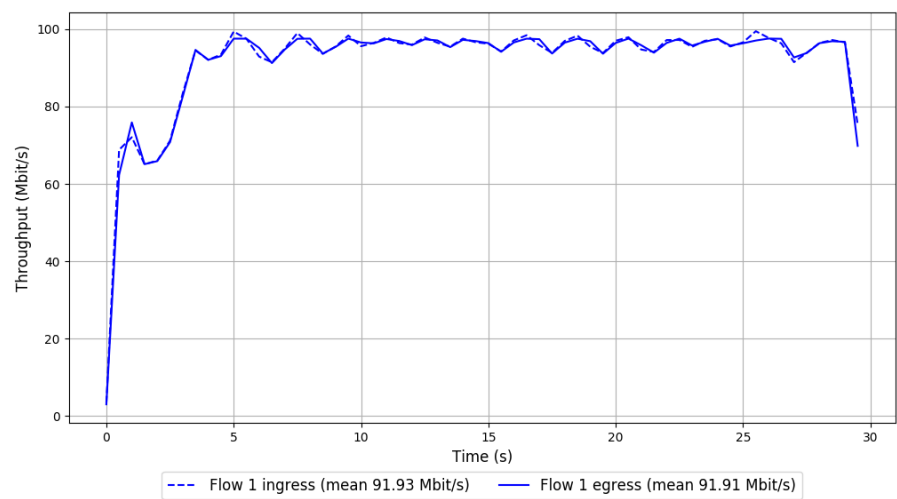
-- Flow 1:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 34.199 ms

Loss rate: 0.20%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-02-02 11:10:16

End at: 2018-02-02 11:10:46

Local clock offset: 0.855 ms

Remote clock offset: 0.564 ms

Below is generated by plot.py at 2018-02-02 17:02:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.09 Mbit/s

95th percentile per-packet one-way delay: 31.873 ms

Loss rate: 0.19%

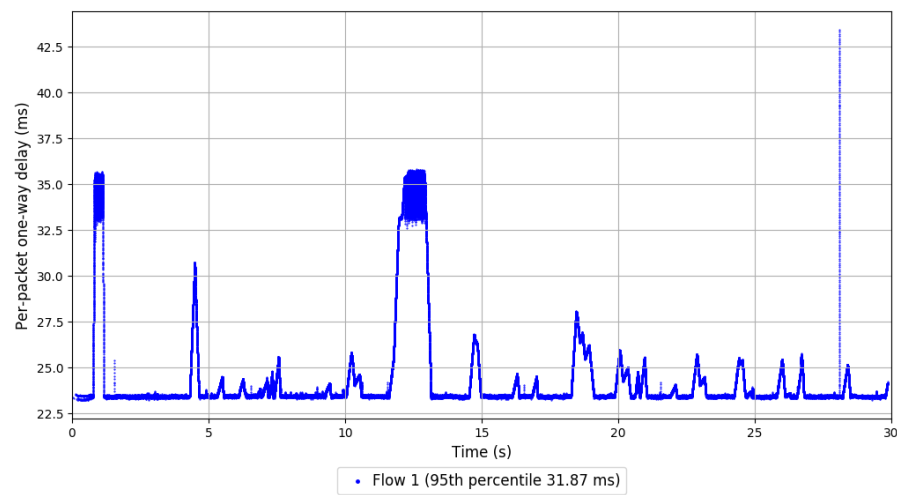
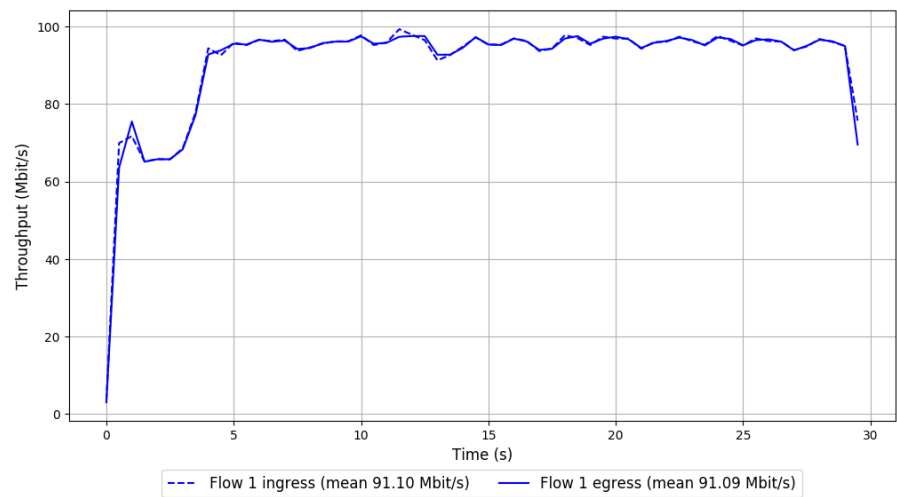
-- Flow 1:

Average throughput: 91.09 Mbit/s

95th percentile per-packet one-way delay: 31.873 ms

Loss rate: 0.19%

Run 6: Report of PCC — Data Link

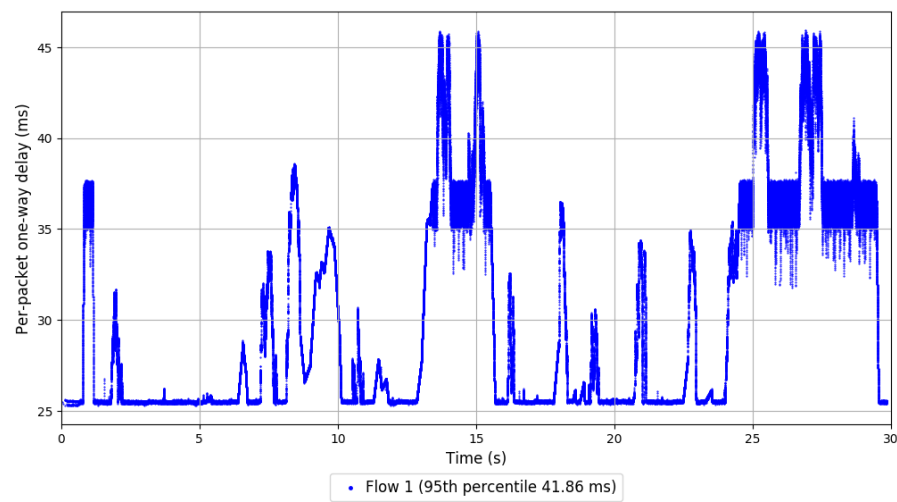
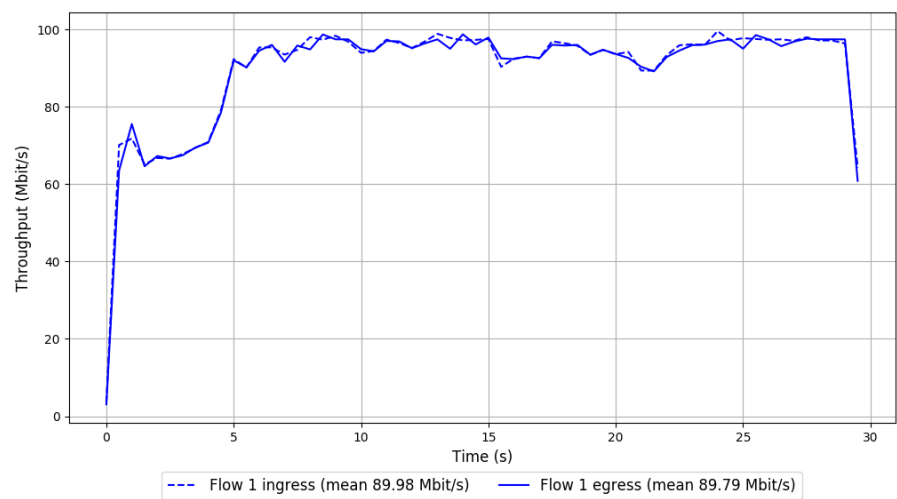


Run 7: Statistics of PCC

Start at: 2018-02-02 11:34:17
End at: 2018-02-02 11:34:47
Local clock offset: 0.942 ms
Remote clock offset: -1.648 ms

Below is generated by plot.py at 2018-02-02 17:02:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 41.859 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 41.859 ms
Loss rate: 0.38%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-02 11:58:21

End at: 2018-02-02 11:58:51

Local clock offset: 0.972 ms

Remote clock offset: 0.572 ms

Below is generated by plot.py at 2018-02-02 17:02:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.50 Mbit/s

95th percentile per-packet one-way delay: 34.300 ms

Loss rate: 0.27%

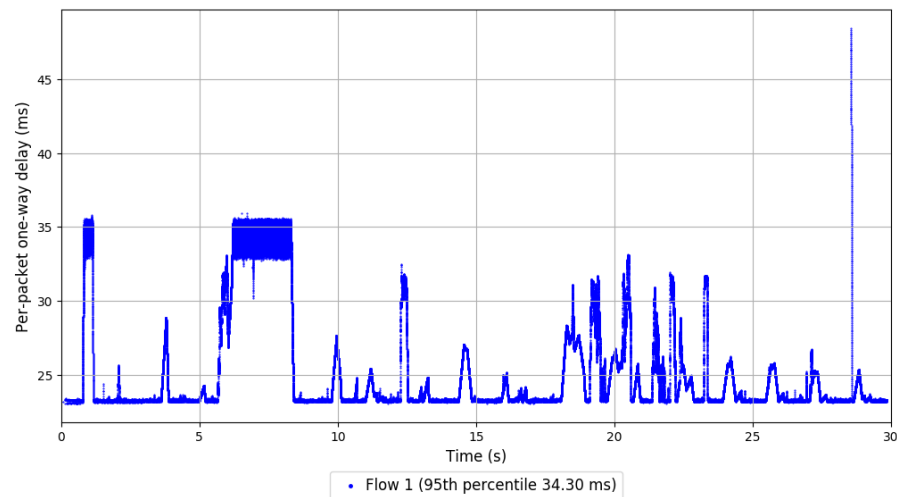
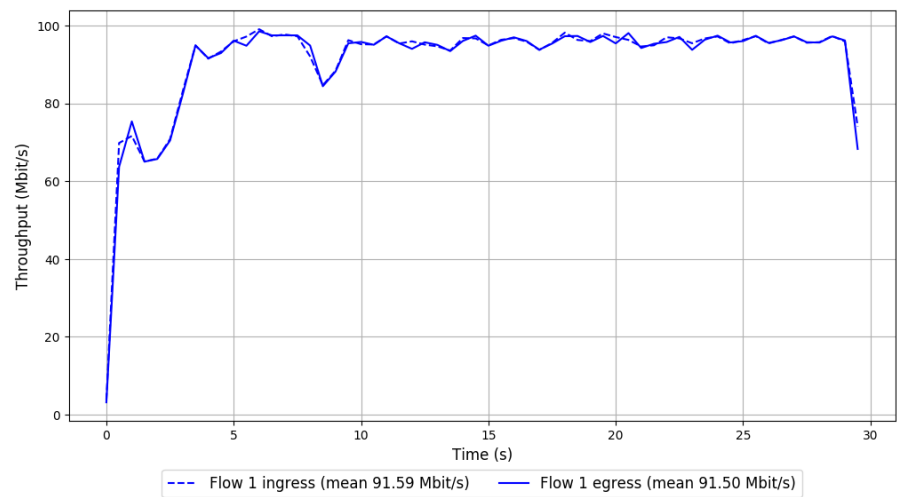
-- Flow 1:

Average throughput: 91.50 Mbit/s

95th percentile per-packet one-way delay: 34.300 ms

Loss rate: 0.27%

Run 8: Report of PCC — Data Link

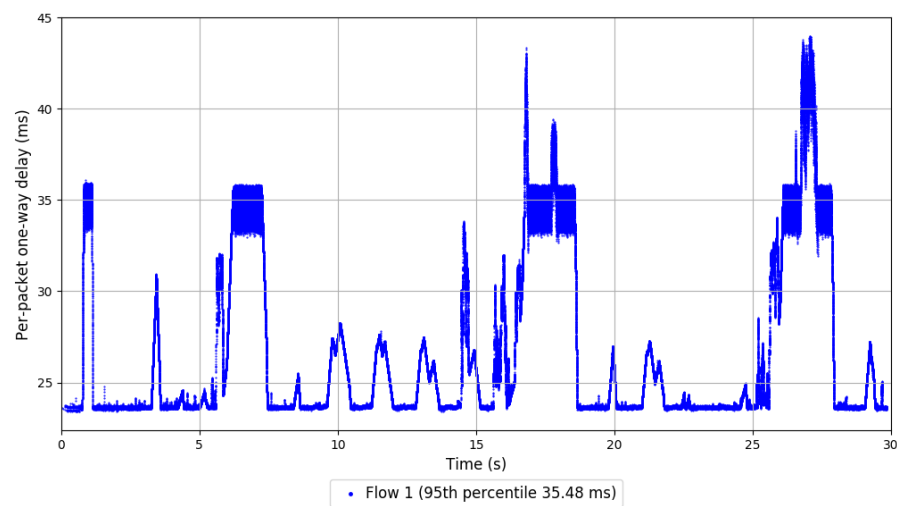
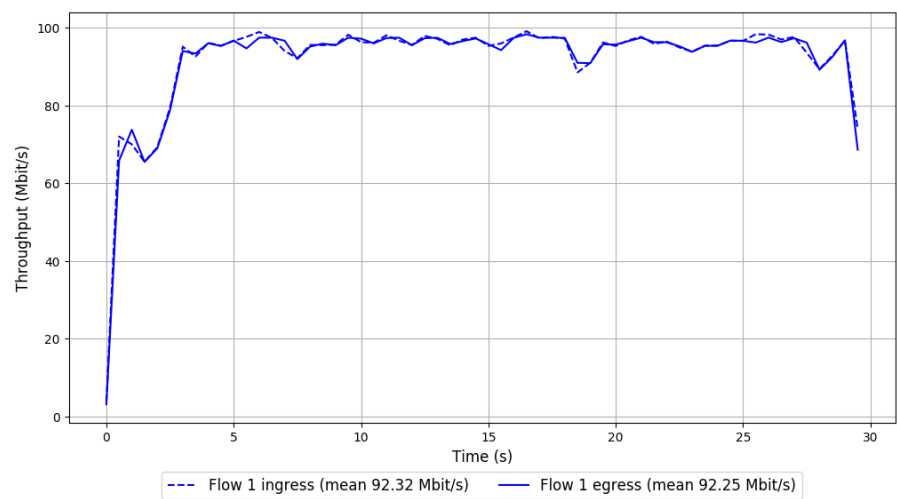


Run 9: Statistics of PCC

Start at: 2018-02-02 12:22:18
End at: 2018-02-02 12:22:48
Local clock offset: 0.983 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-02-02 17:03:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 35.481 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 35.481 ms
Loss rate: 0.25%

Run 9: Report of PCC — Data Link

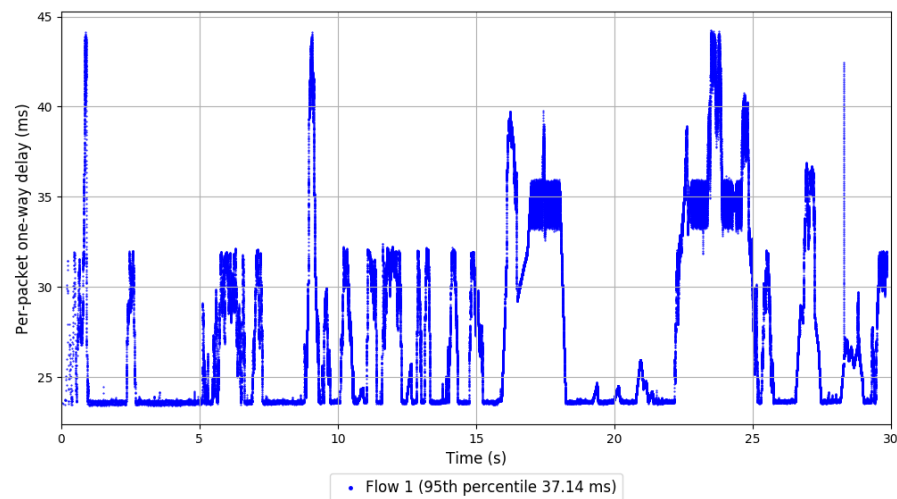
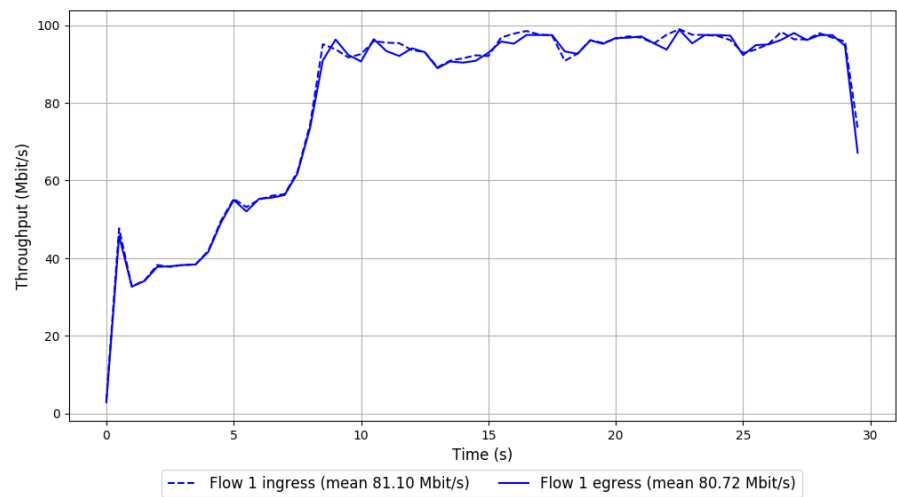


Run 10: Statistics of PCC

Start at: 2018-02-02 12:46:18
End at: 2018-02-02 12:46:48
Local clock offset: 1.063 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-02-02 17:03:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.72 Mbit/s
95th percentile per-packet one-way delay: 37.144 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 80.72 Mbit/s
95th percentile per-packet one-way delay: 37.144 ms
Loss rate: 0.64%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

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

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

Local clock offset: 0.229 ms

Remote clock offset: 2.089 ms

Below is generated by plot.py at 2018-02-02 17:04:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.39 Mbit/s

95th percentile per-packet one-way delay: 35.150 ms

Loss rate: 0.26%

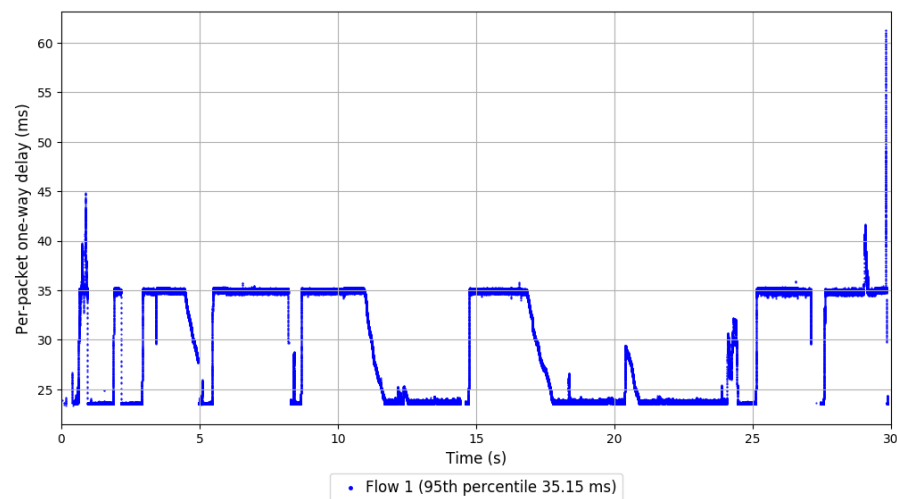
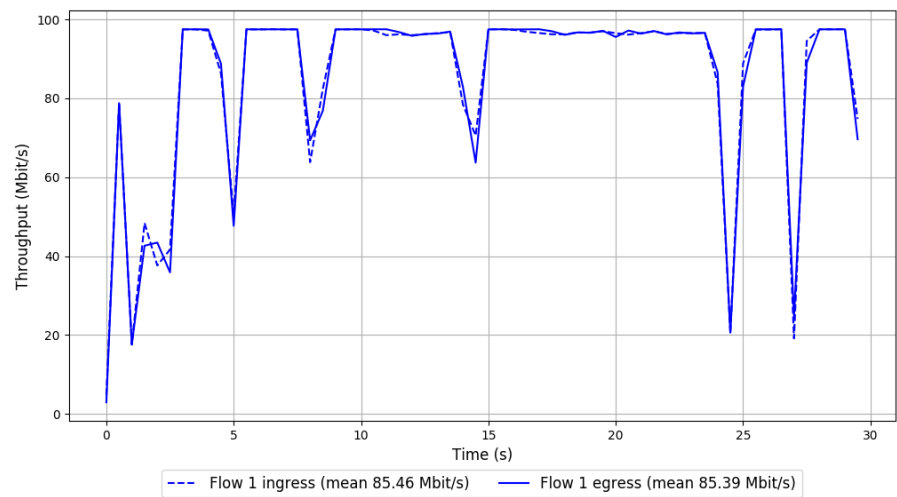
-- Flow 1:

Average throughput: 85.39 Mbit/s

95th percentile per-packet one-way delay: 35.150 ms

Loss rate: 0.26%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

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

End at: 2018-02-02 09:33:34

Local clock offset: 0.566 ms

Remote clock offset: 1.907 ms

Below is generated by plot.py at 2018-02-02 17:04:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.74 Mbit/s

95th percentile per-packet one-way delay: 34.829 ms

Loss rate: 0.13%

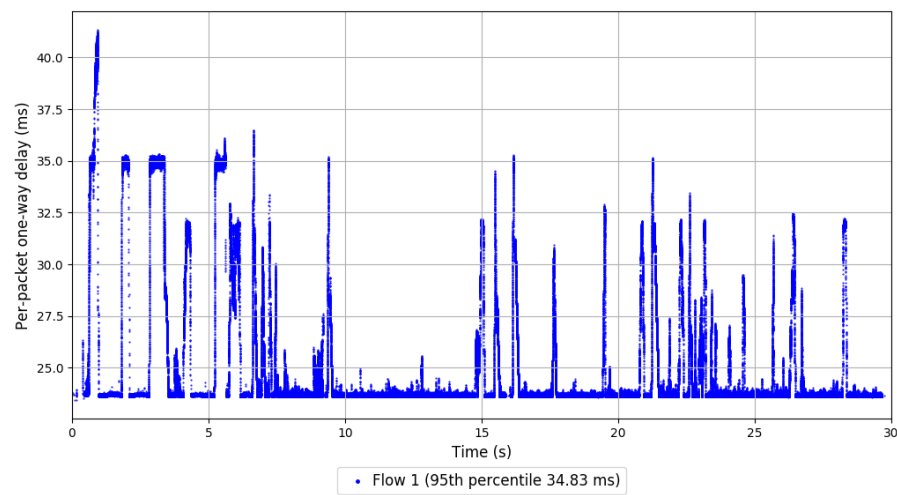
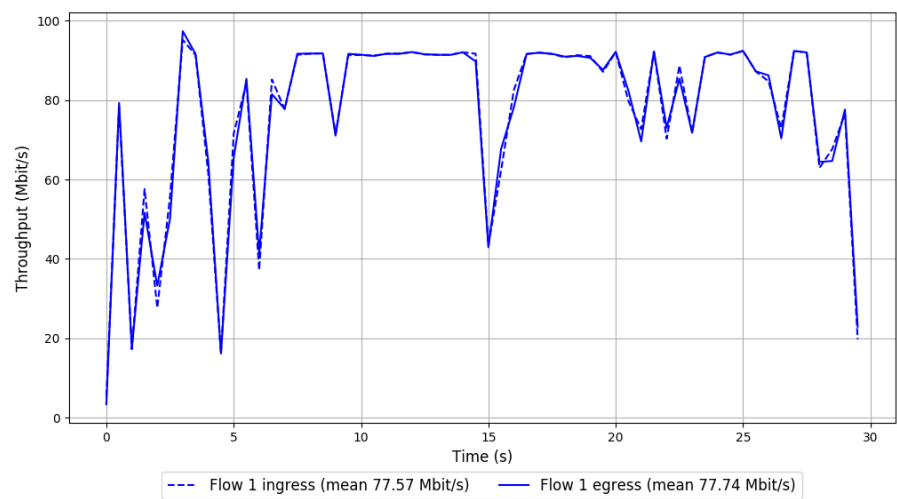
-- Flow 1:

Average throughput: 77.74 Mbit/s

95th percentile per-packet one-way delay: 34.829 ms

Loss rate: 0.13%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-02 09:56:59

End at: 2018-02-02 09:57:29

Local clock offset: 0.847 ms

Remote clock offset: 0.136 ms

Below is generated by plot.py at 2018-02-02 17:04:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.46 Mbit/s

95th percentile per-packet one-way delay: 37.152 ms

Loss rate: 0.21%

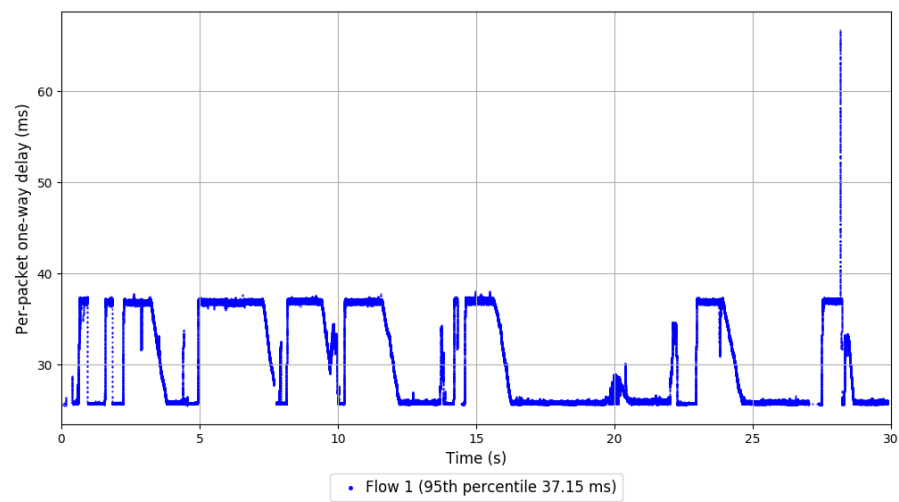
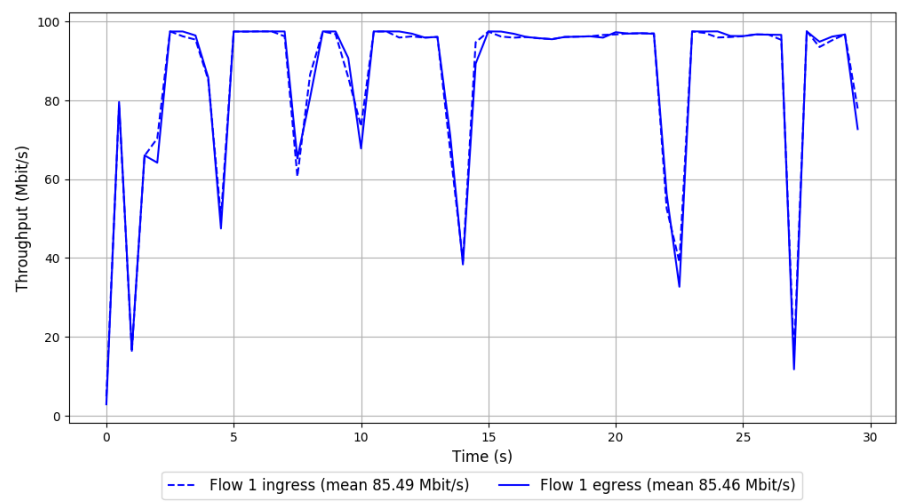
-- Flow 1:

Average throughput: 85.46 Mbit/s

95th percentile per-packet one-way delay: 37.152 ms

Loss rate: 0.21%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-02 10:20:56

End at: 2018-02-02 10:21:26

Local clock offset: 0.861 ms

Remote clock offset: 1.91 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.25 Mbit/s

95th percentile per-packet one-way delay: 35.117 ms

Loss rate: 0.31%

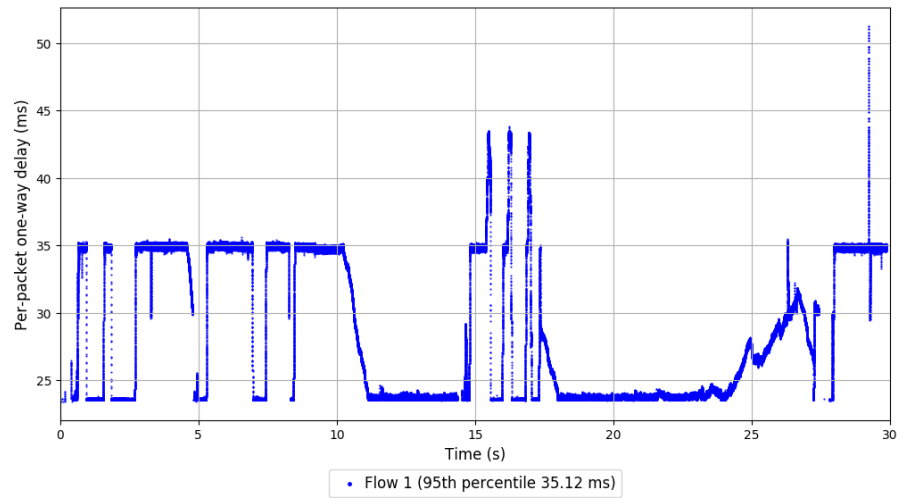
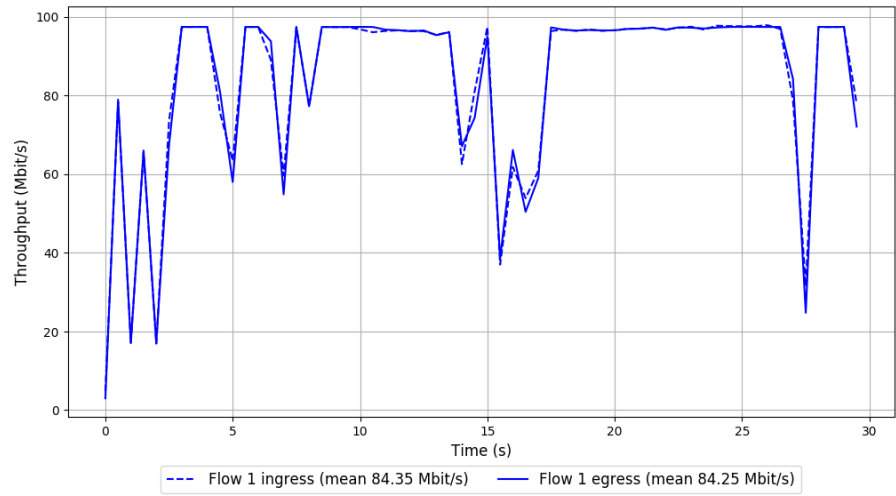
-- Flow 1:

Average throughput: 84.25 Mbit/s

95th percentile per-packet one-way delay: 35.117 ms

Loss rate: 0.31%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

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

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

Local clock offset: 0.849 ms

Remote clock offset: -0.414 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.39 Mbit/s

95th percentile per-packet one-way delay: 36.772 ms

Loss rate: 0.19%

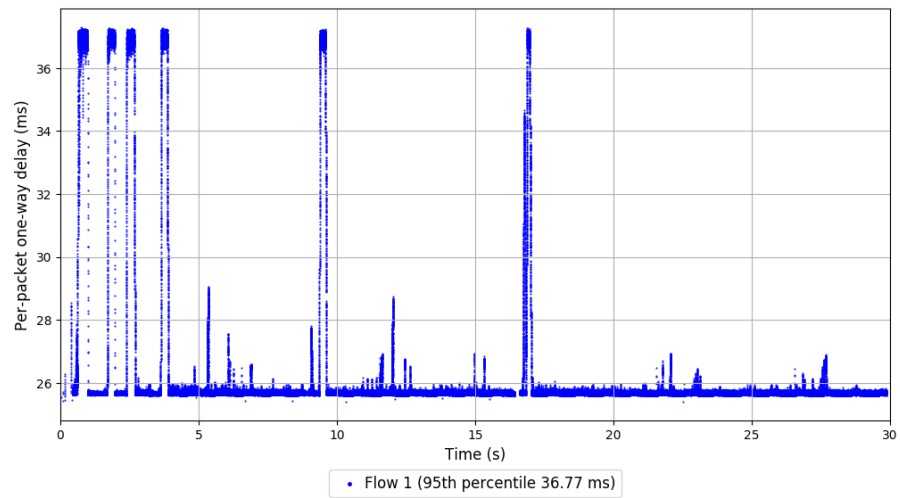
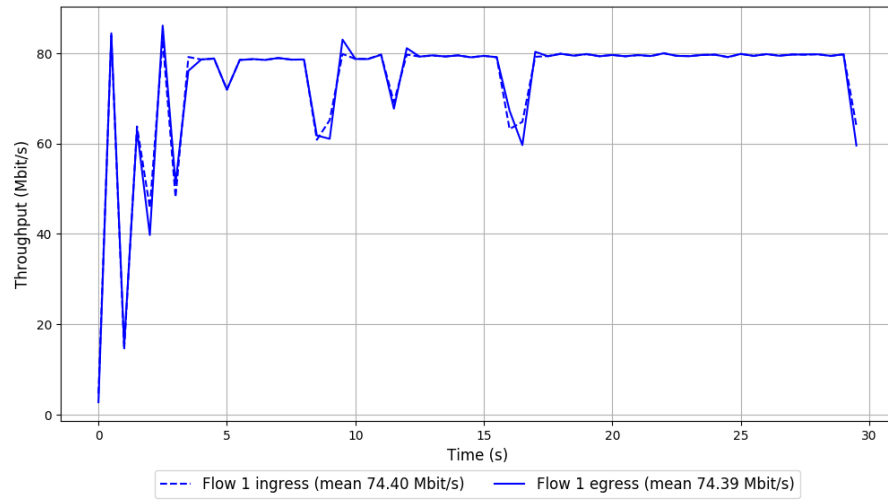
-- Flow 1:

Average throughput: 74.39 Mbit/s

95th percentile per-packet one-way delay: 36.772 ms

Loss rate: 0.19%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-02 11:08:57

End at: 2018-02-02 11:09:27

Local clock offset: 0.772 ms

Remote clock offset: 0.859 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.99 Mbit/s

95th percentile per-packet one-way delay: 34.461 ms

Loss rate: 0.21%

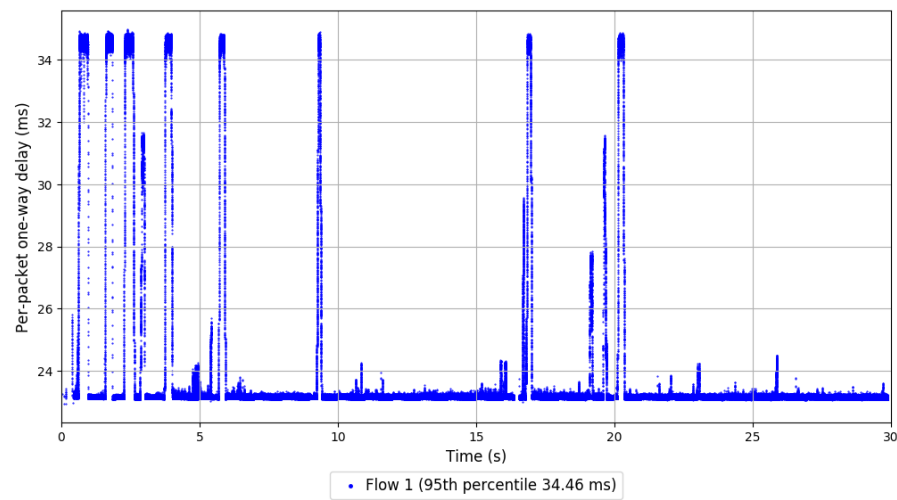
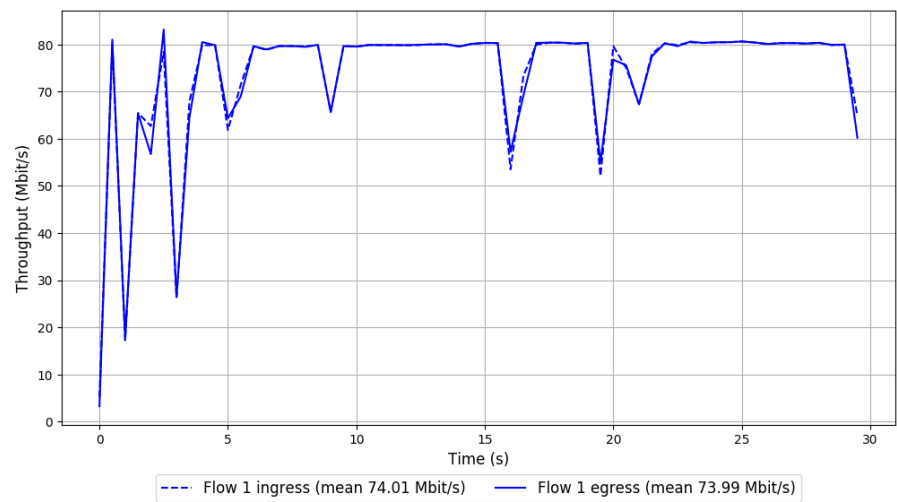
-- Flow 1:

Average throughput: 73.99 Mbit/s

95th percentile per-packet one-way delay: 34.461 ms

Loss rate: 0.21%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-02 11:32:57

End at: 2018-02-02 11:33:27

Local clock offset: 1.065 ms

Remote clock offset: 0.739 ms

Below is generated by plot.py at 2018-02-02 17:05:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.50 Mbit/s

95th percentile per-packet one-way delay: 34.652 ms

Loss rate: 0.10%

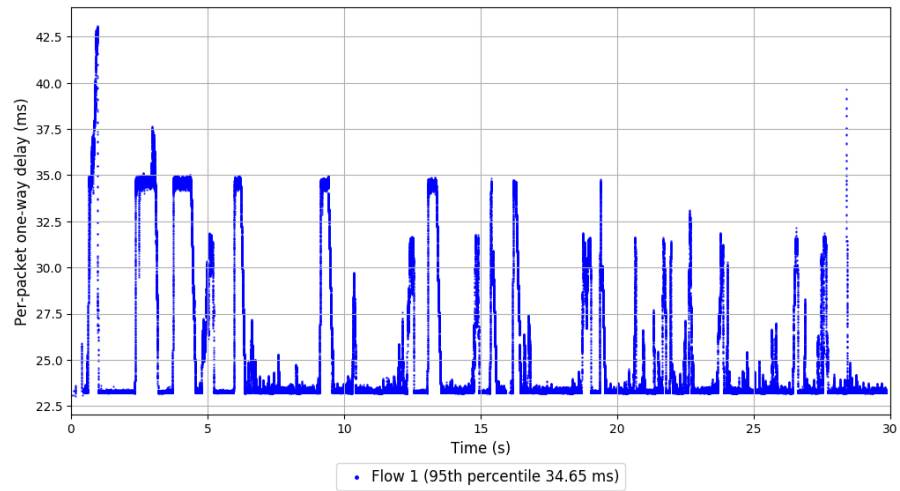
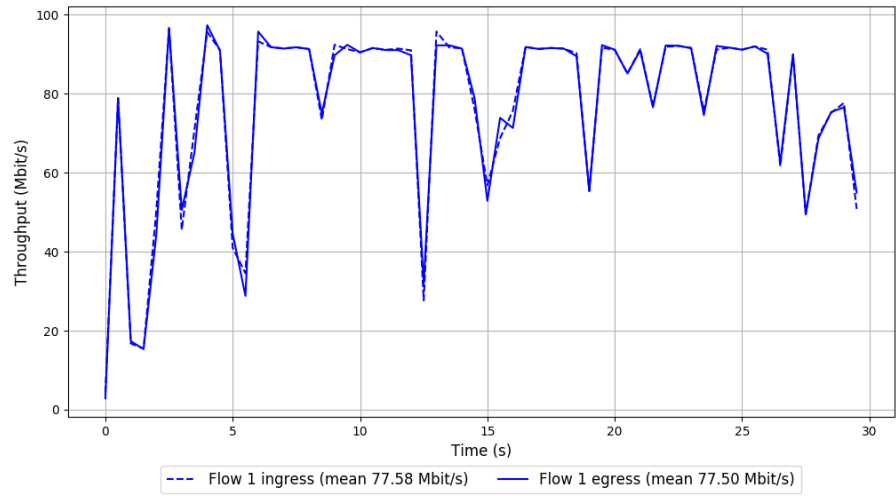
-- Flow 1:

Average throughput: 77.50 Mbit/s

95th percentile per-packet one-way delay: 34.652 ms

Loss rate: 0.10%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-02 11:57:01

End at: 2018-02-02 11:57:31

Local clock offset: 0.89 ms

Remote clock offset: 0.157 ms

Below is generated by plot.py at 2018-02-02 17:05:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.94 Mbit/s

95th percentile per-packet one-way delay: 35.014 ms

Loss rate: 0.20%

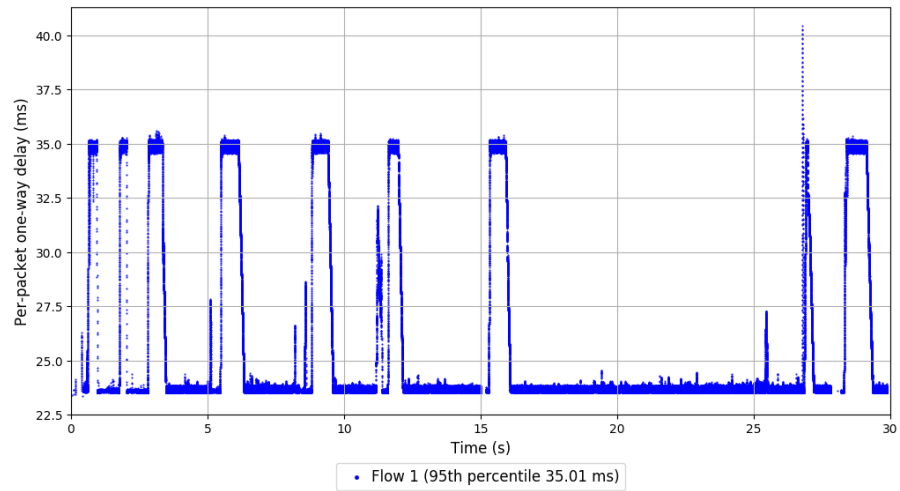
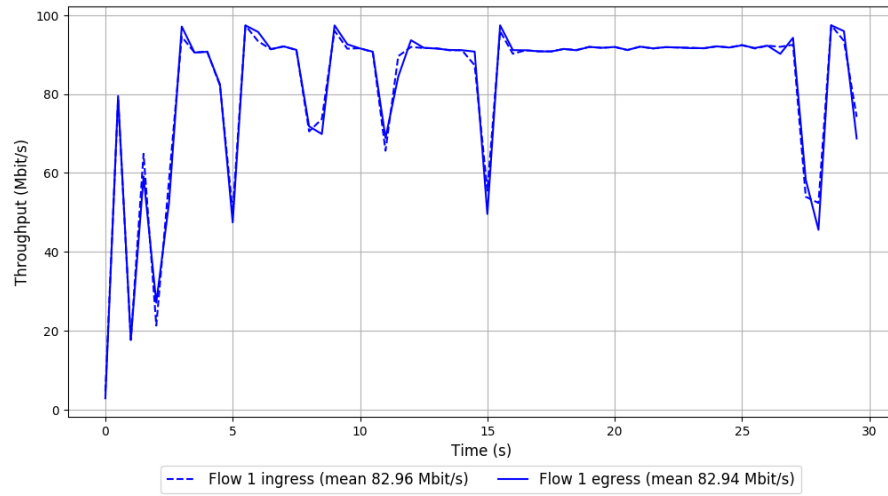
-- Flow 1:

Average throughput: 82.94 Mbit/s

95th percentile per-packet one-way delay: 35.014 ms

Loss rate: 0.20%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-02 12:20:58

End at: 2018-02-02 12:21:28

Local clock offset: 0.962 ms

Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 35.109 ms

Loss rate: 0.35%

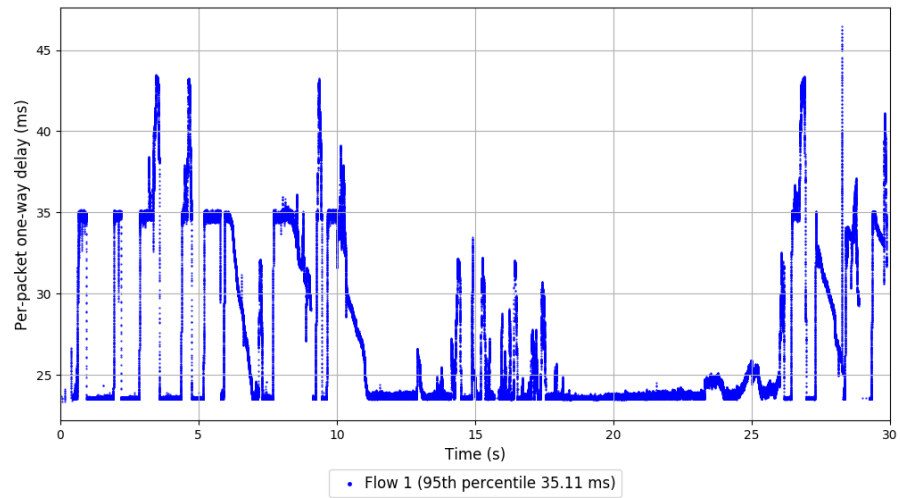
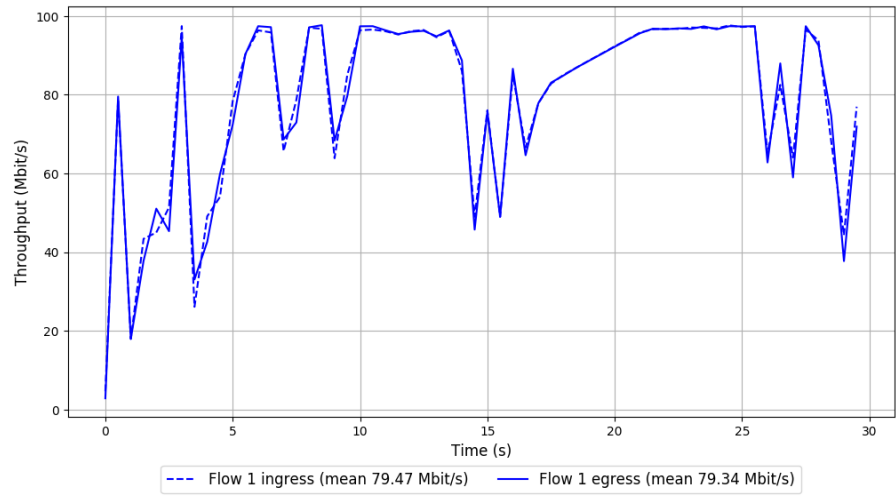
-- Flow 1:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 35.109 ms

Loss rate: 0.35%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-02 12:44:59

End at: 2018-02-02 12:45:29

Local clock offset: 1.04 ms

Remote clock offset: 0.581 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.15 Mbit/s

95th percentile per-packet one-way delay: 34.598 ms

Loss rate: 0.46%

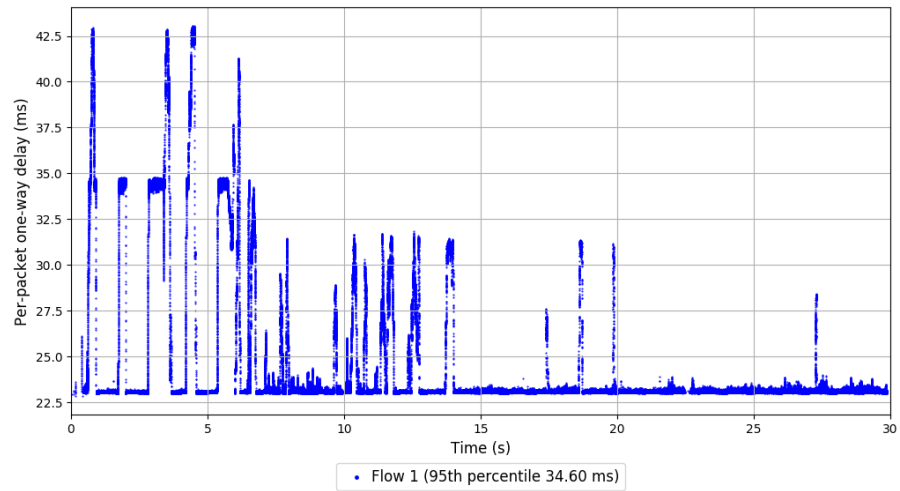
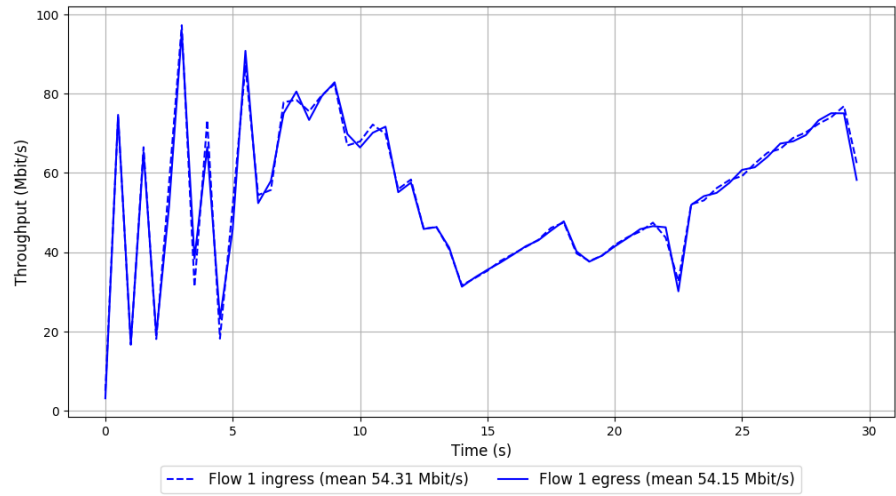
-- Flow 1:

Average throughput: 54.15 Mbit/s

95th percentile per-packet one-way delay: 34.598 ms

Loss rate: 0.46%

Run 10: Report of QUIC Cubic — Data Link

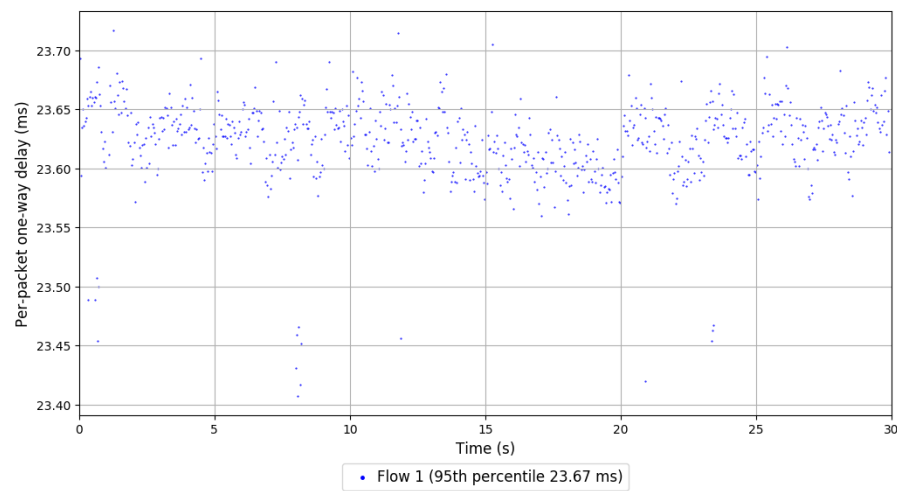
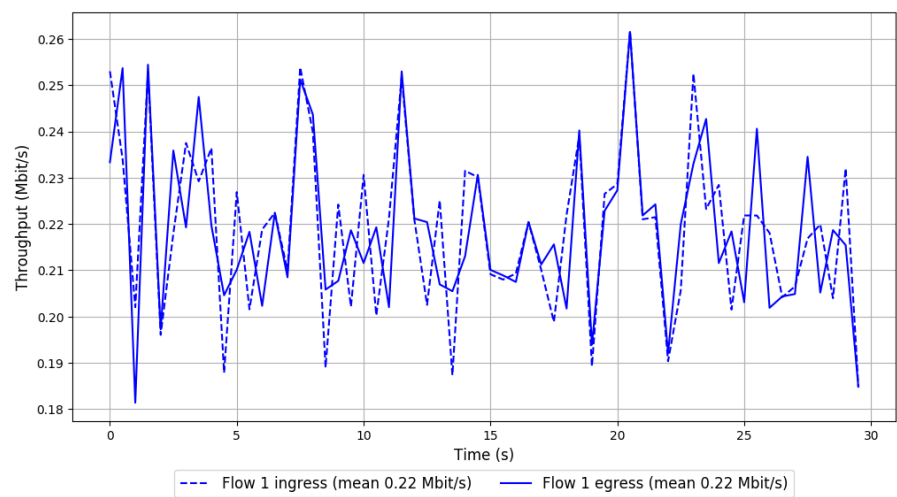


```
Run 1: Statistics of SCReAM

Start at: 2018-02-02 08:55:41
End at: 2018-02-02 08:56:11
Local clock offset: 0.139 ms
Remote clock offset: 1.789 ms

# Below is generated by plot.py at 2018-02-02 17:05:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.667 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.667 ms
Loss rate: 0.13%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-02-02 09:19:46

End at: 2018-02-02 09:20:16

Local clock offset: 0.401 ms

Remote clock offset: 0.081 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.753 ms

Loss rate: 0.13%

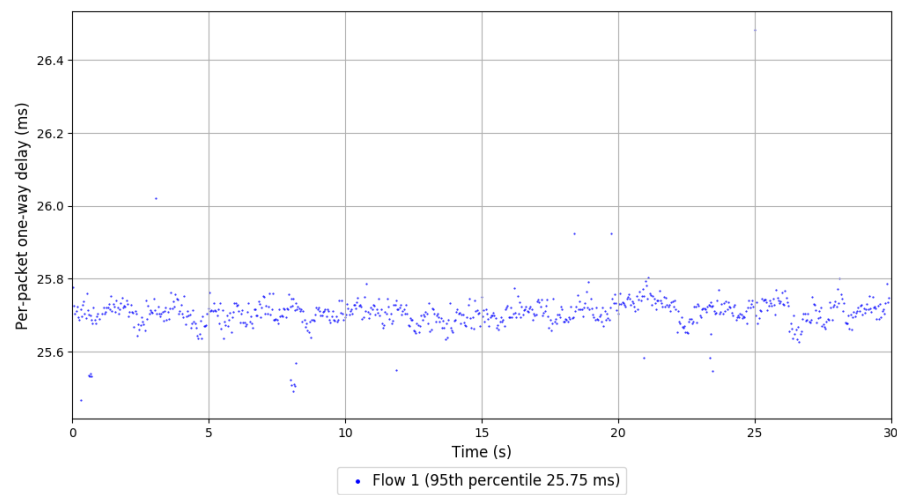
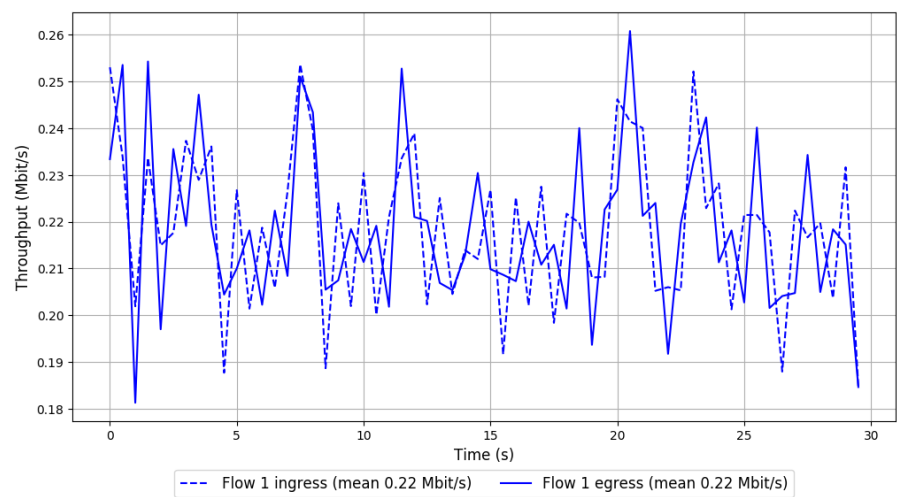
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 25.753 ms

Loss rate: 0.13%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-02-02 09:43:40

End at: 2018-02-02 09:44:10

Local clock offset: 0.685 ms

Remote clock offset: 2.057 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.660 ms

Loss rate: 0.13%

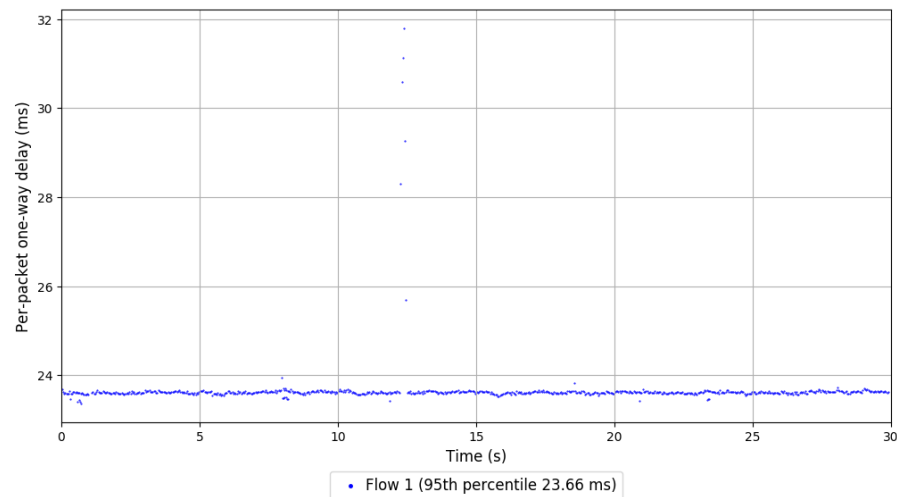
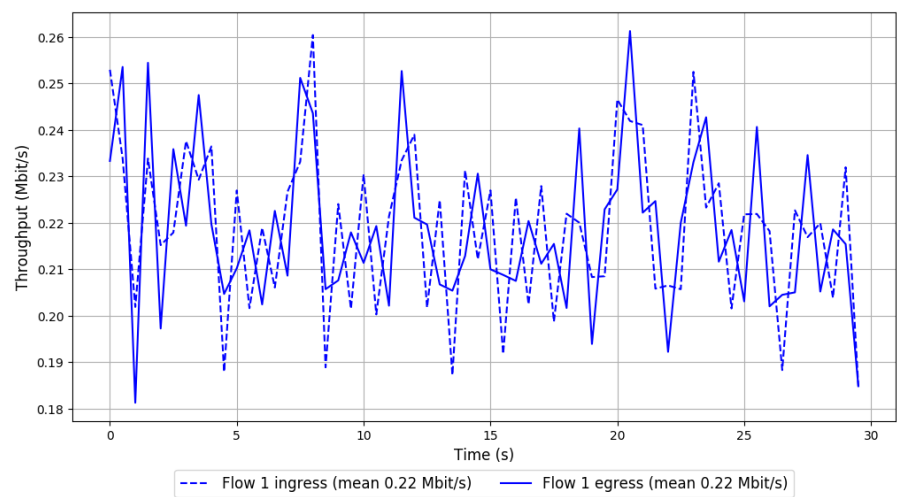
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.660 ms

Loss rate: 0.13%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-02 10:07:38

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

Local clock offset: 0.889 ms

Remote clock offset: 2.113 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.682 ms

Loss rate: 0.13%

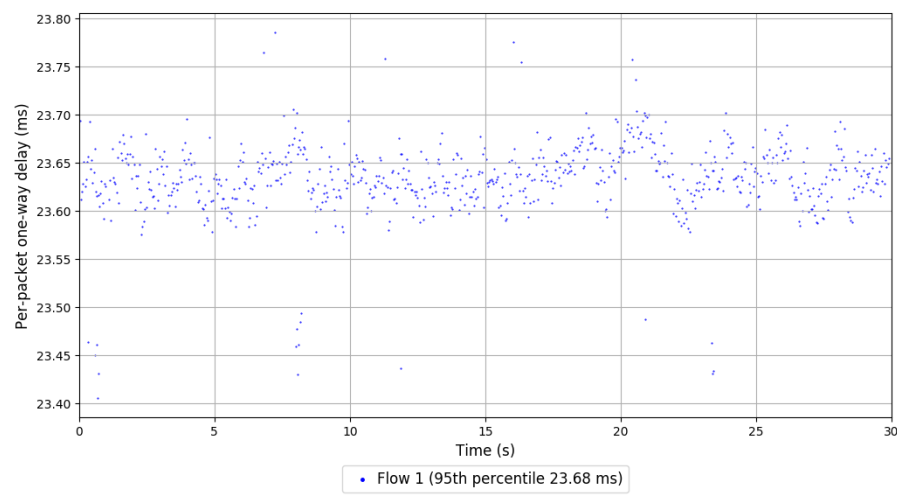
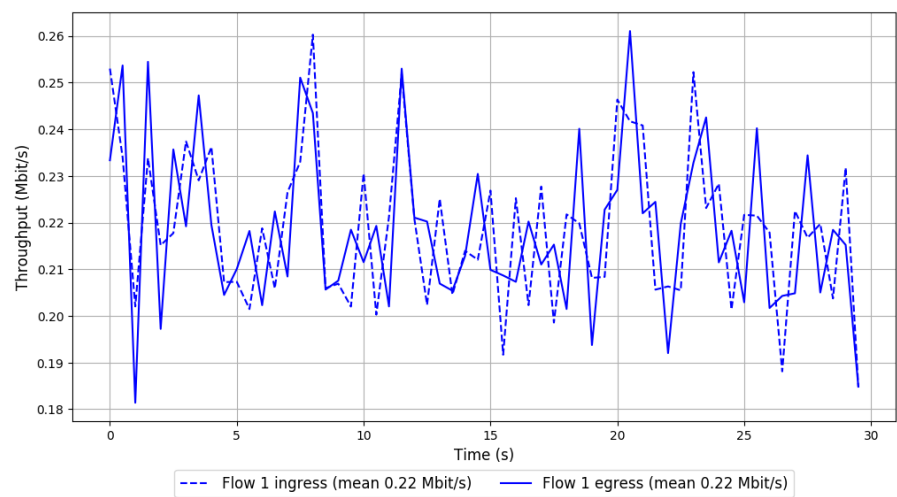
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.682 ms

Loss rate: 0.13%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-02-02 10:31:33

End at: 2018-02-02 10:32:03

Local clock offset: 0.838 ms

Remote clock offset: 1.879 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.632 ms

Loss rate: 0.13%

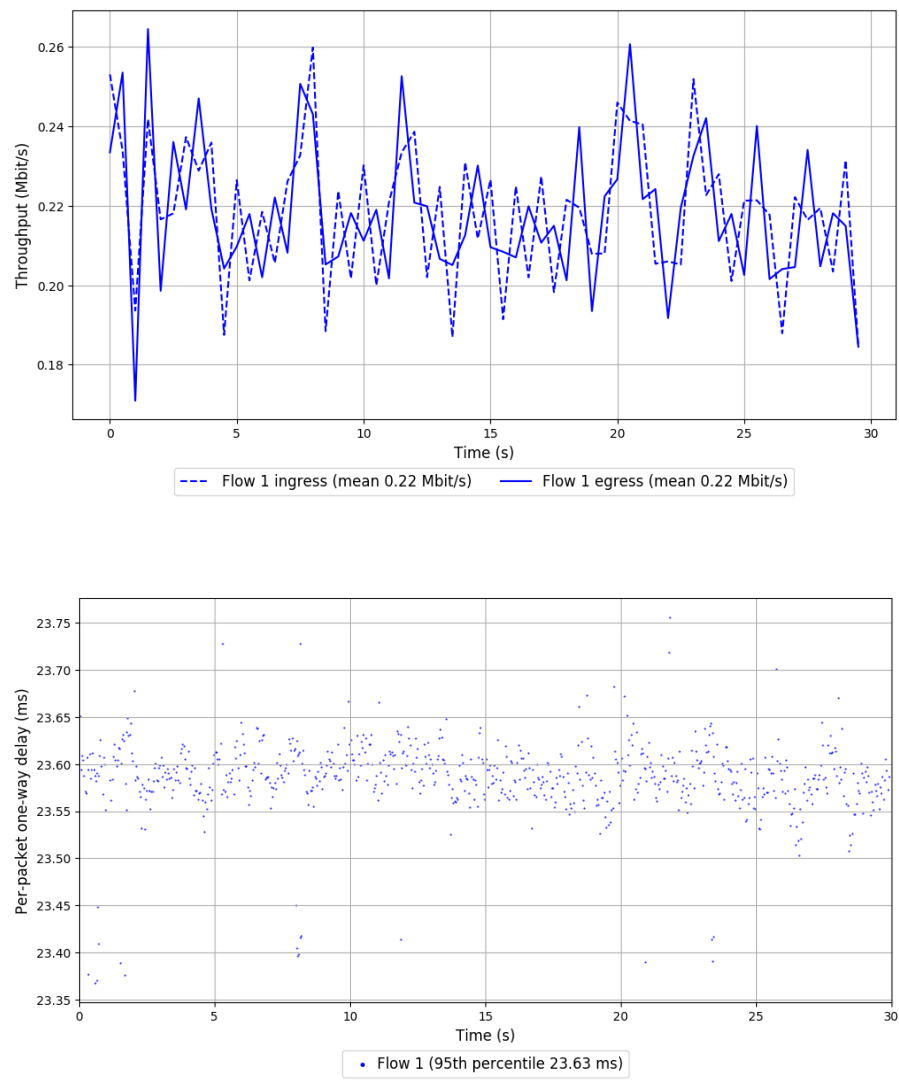
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.632 ms

Loss rate: 0.13%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-02-02 10:55:35

End at: 2018-02-02 10:56:05

Local clock offset: 0.798 ms

Remote clock offset: 1.186 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.577 ms

Loss rate: 0.13%

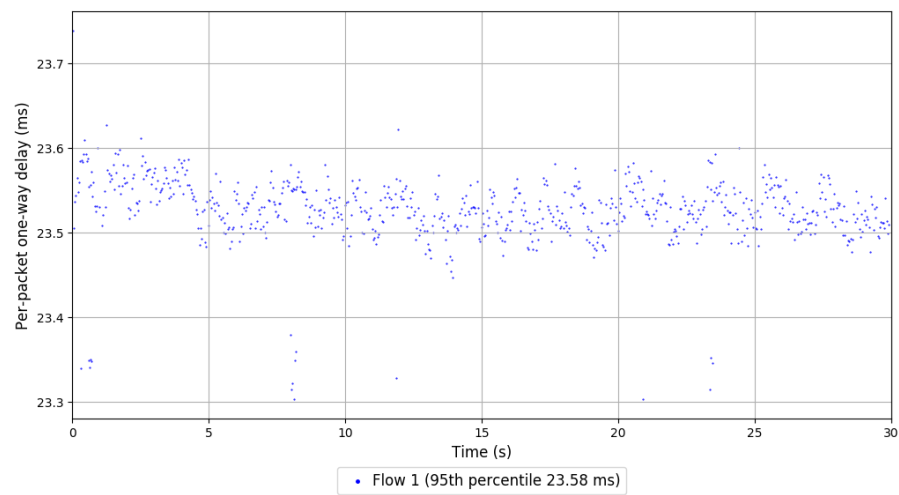
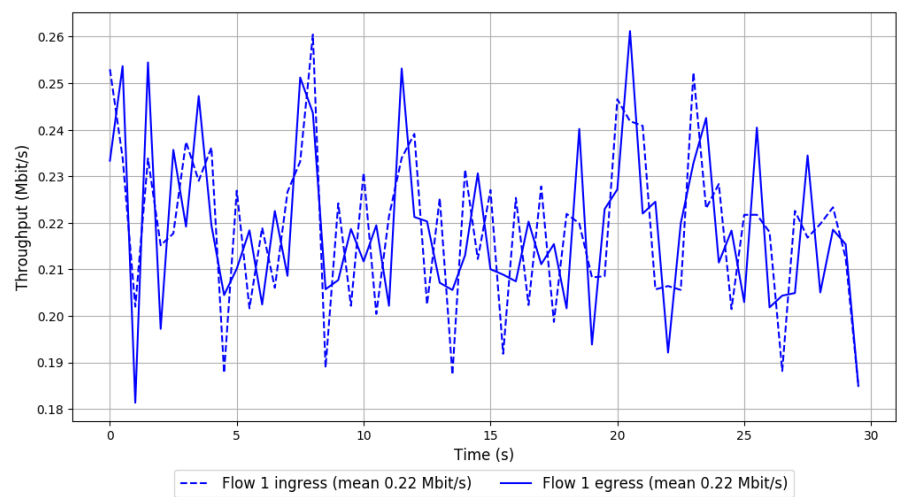
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.577 ms

Loss rate: 0.13%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-02-02 11:19:33

End at: 2018-02-02 11:20:03

Local clock offset: 0.866 ms

Remote clock offset: 0.835 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.137 ms

Loss rate: 0.26%

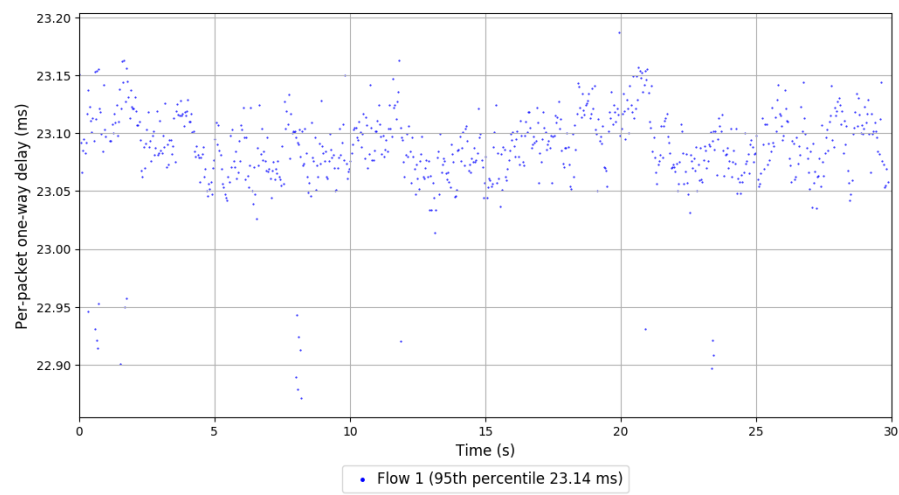
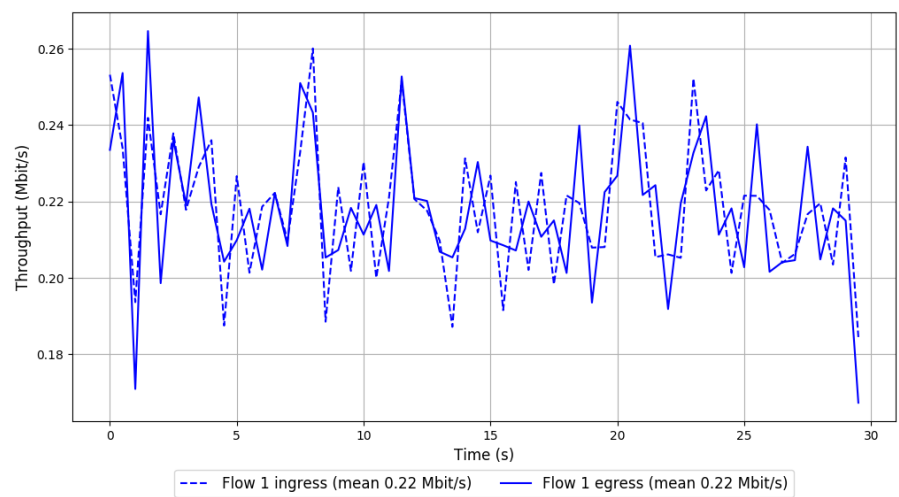
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.137 ms

Loss rate: 0.26%

Run 7: Report of SReAM — Data Link

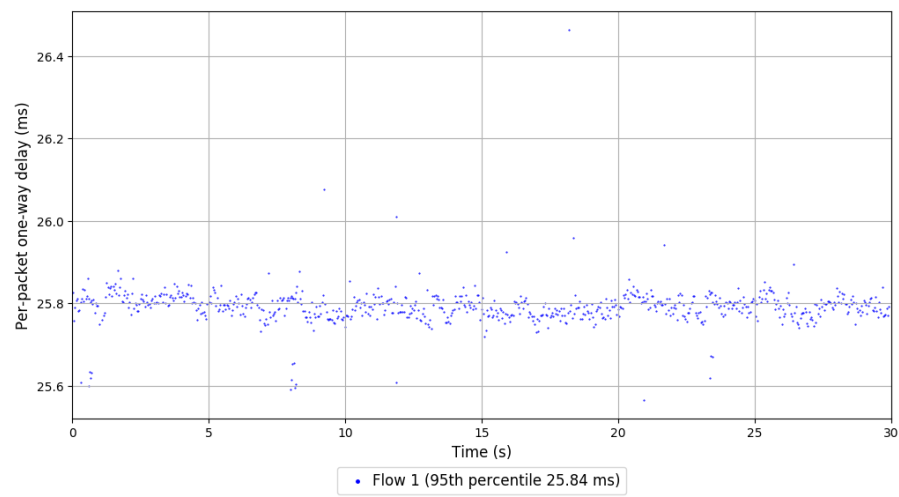
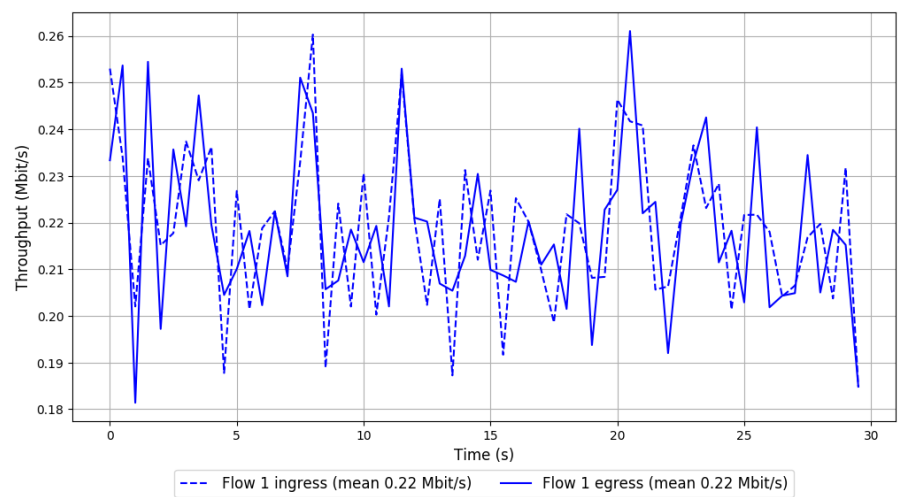


Run 8: Statistics of SCReAM

Start at: 2018-02-02 11:43:38
End at: 2018-02-02 11:44:08
Local clock offset: 1.078 ms
Remote clock offset: -1.793 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.838 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.838 ms
Loss rate: 0.13%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-02-02 12:07:38

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

Local clock offset: 0.932 ms

Remote clock offset: 0.032 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.651 ms

Loss rate: 0.13%

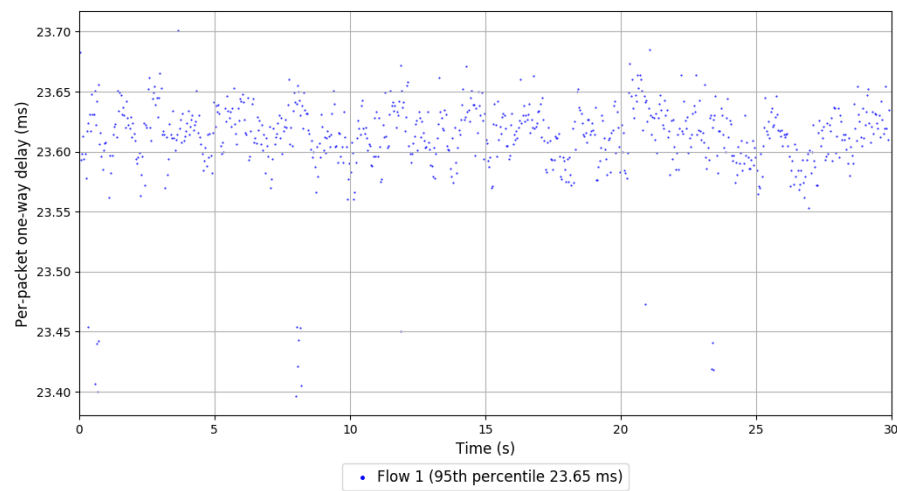
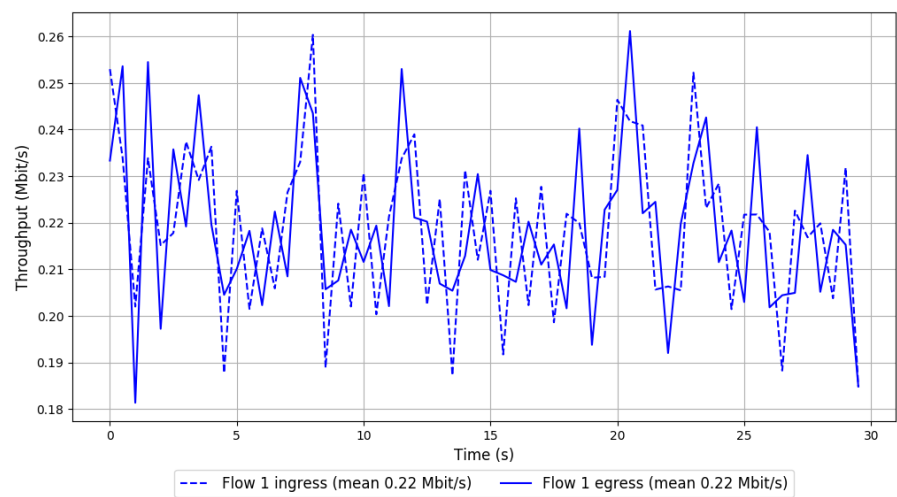
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.651 ms

Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-02-02 12:31:34

End at: 2018-02-02 12:32:04

Local clock offset: 1.007 ms

Remote clock offset: 0.35 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.242 ms

Loss rate: 0.13%

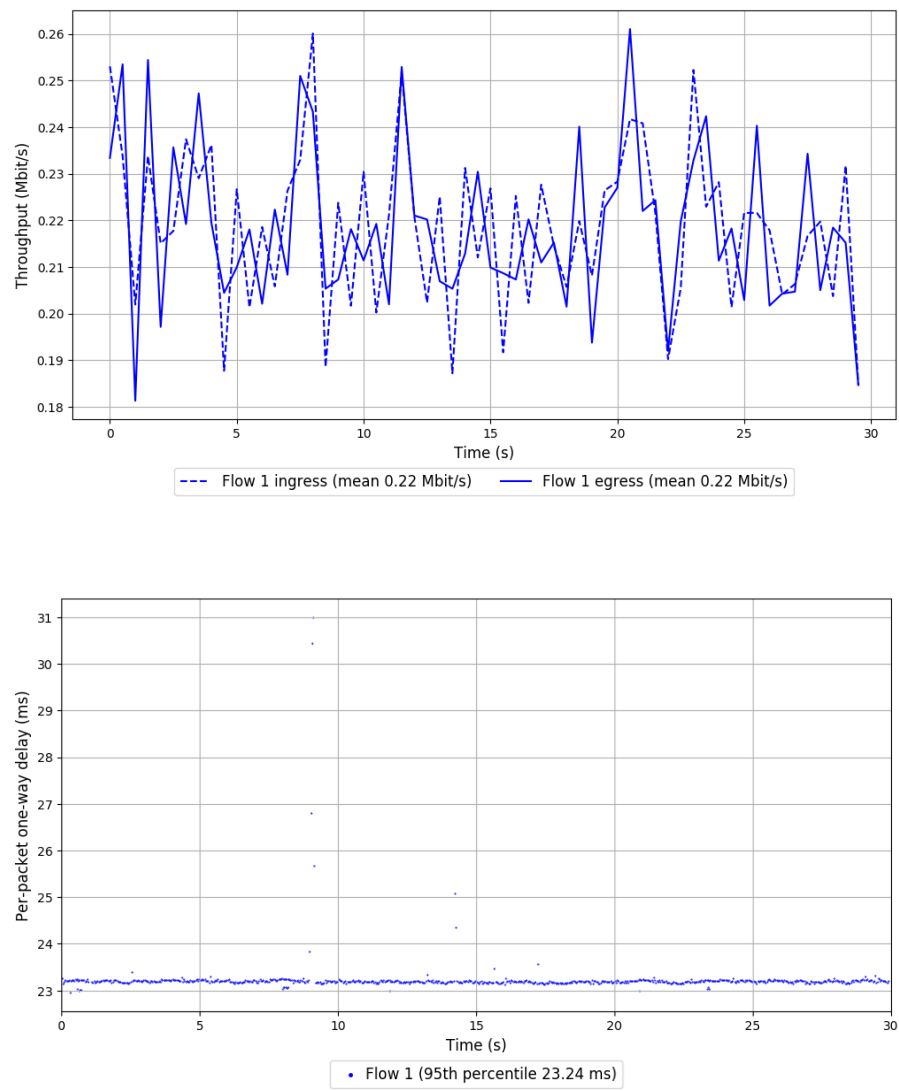
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.242 ms

Loss rate: 0.13%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-02-02 09:11:47

End at: 2018-02-02 09:12:17

Local clock offset: 0.201 ms

Remote clock offset: 2.154 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.098 ms

Loss rate: 0.29%

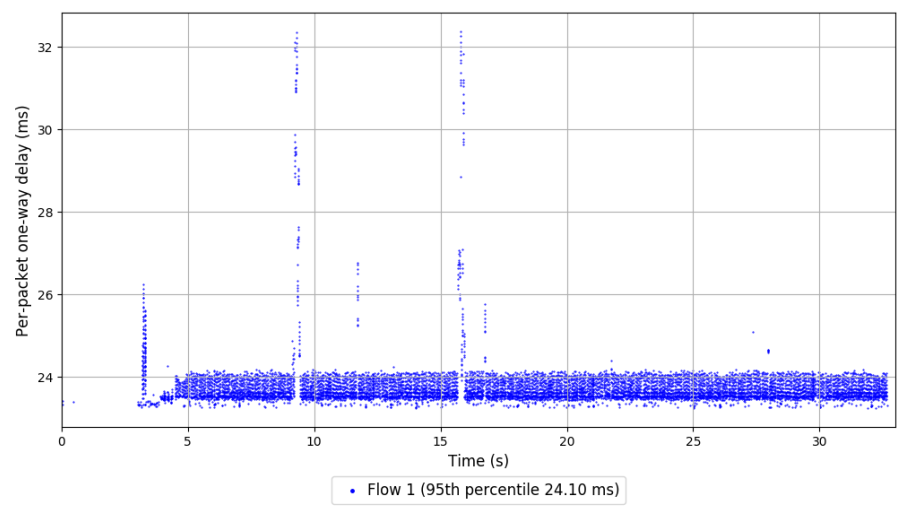
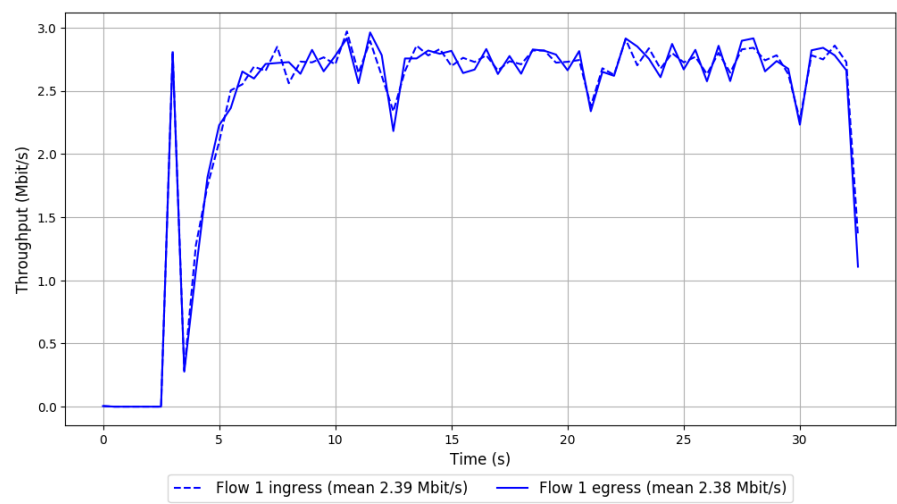
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.098 ms

Loss rate: 0.29%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-02-02 09:35:43

End at: 2018-02-02 09:36:13

Local clock offset: 0.579 ms

Remote clock offset: -0.27 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 26.390 ms

Loss rate: 0.14%

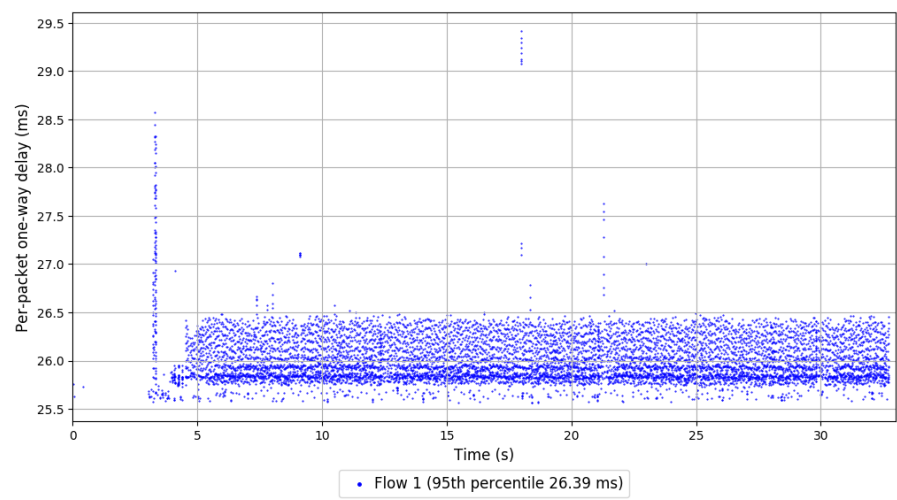
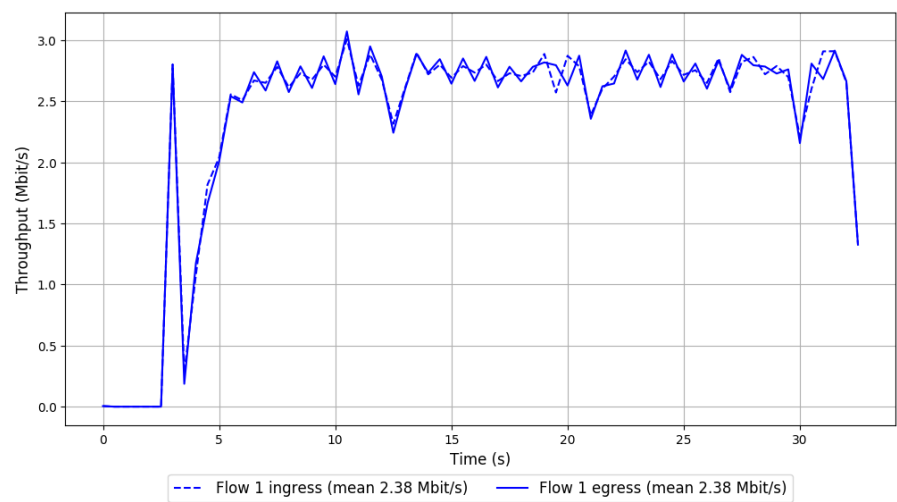
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 26.390 ms

Loss rate: 0.14%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-02-02 09:59:38

End at: 2018-02-02 10:00:08

Local clock offset: 0.884 ms

Remote clock offset: 2.26 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.094 ms

Loss rate: 0.14%

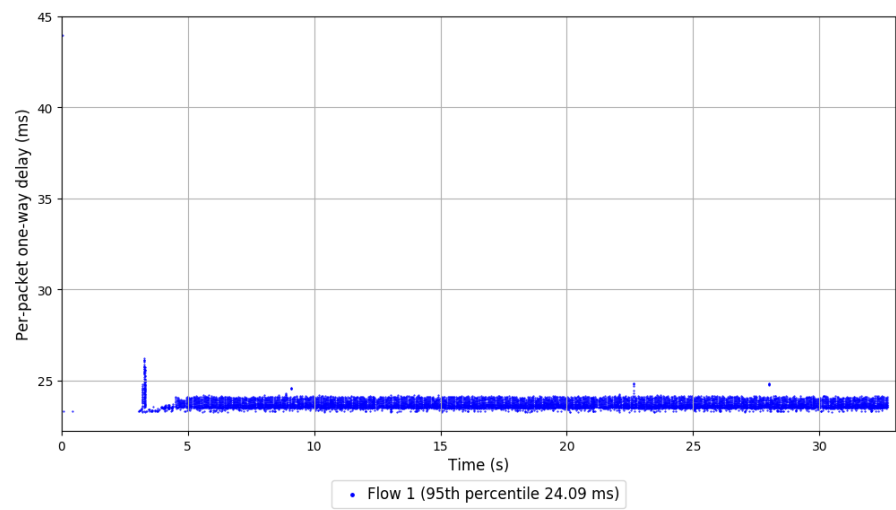
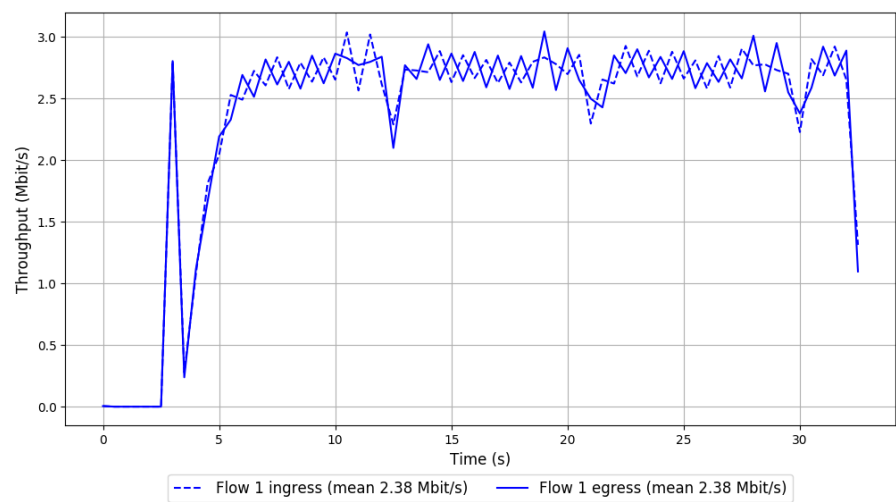
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.094 ms

Loss rate: 0.14%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-02 10:23:35

End at: 2018-02-02 10:24:05

Local clock offset: 0.838 ms

Remote clock offset: 2.299 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.712 ms

Loss rate: 0.20%

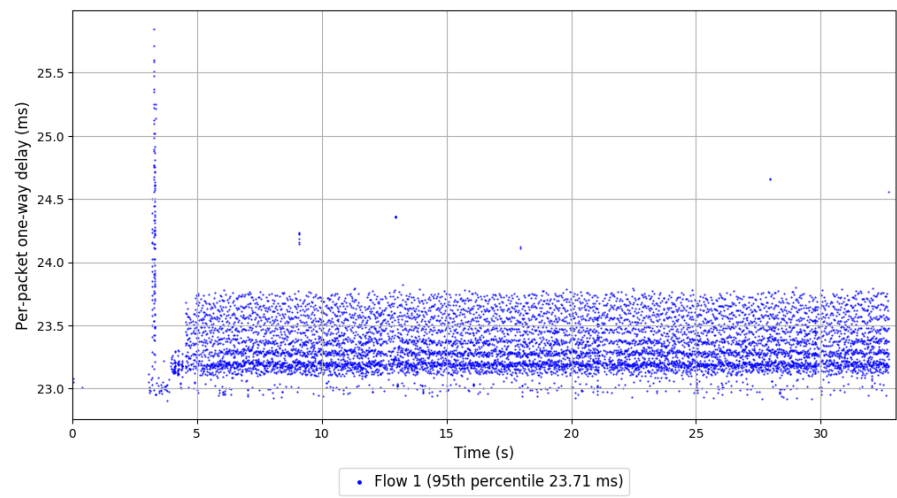
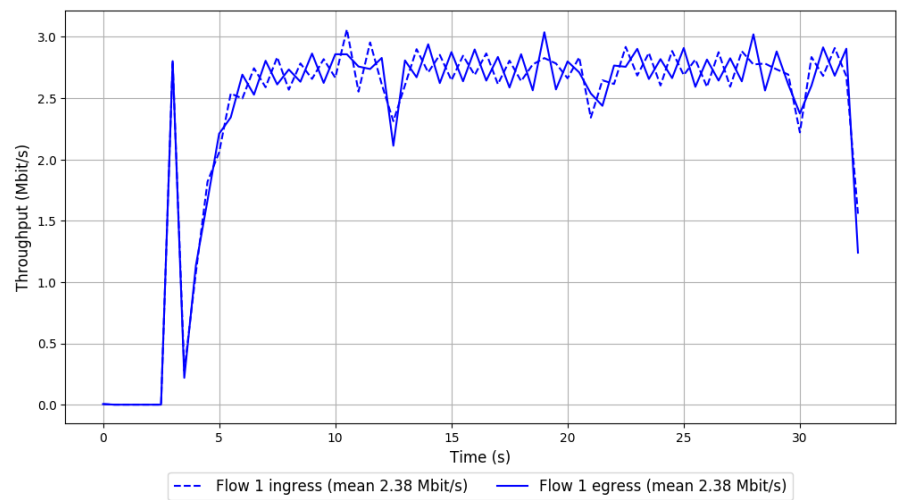
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 23.712 ms

Loss rate: 0.20%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-02-02 10:47:37

End at: 2018-02-02 10:48:07

Local clock offset: 0.862 ms

Remote clock offset: 1.585 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.57 Mbit/s

95th percentile per-packet one-way delay: 24.203 ms

Loss rate: 0.39%

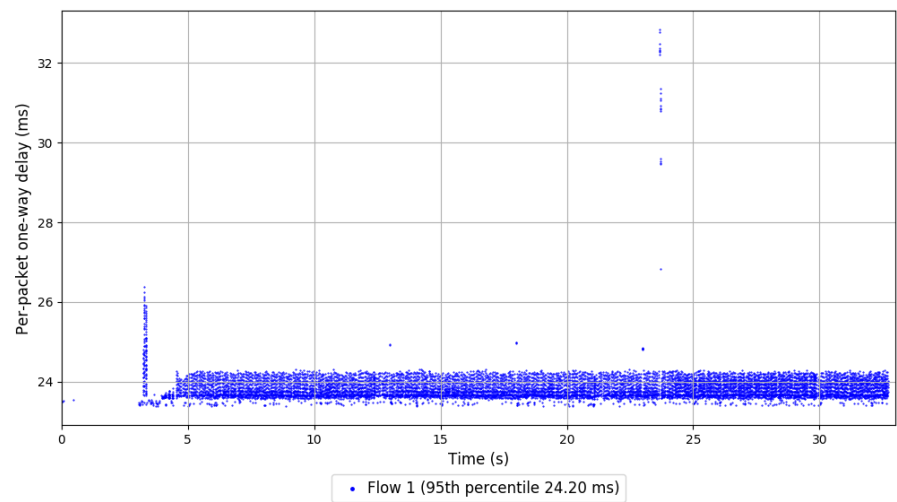
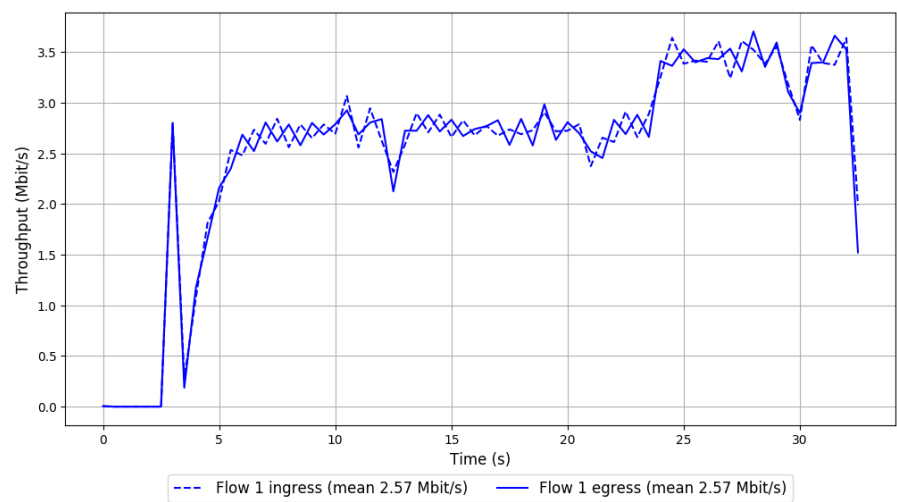
-- Flow 1:

Average throughput: 2.57 Mbit/s

95th percentile per-packet one-way delay: 24.203 ms

Loss rate: 0.39%

Run 5: Report of WebRTC media — Data Link

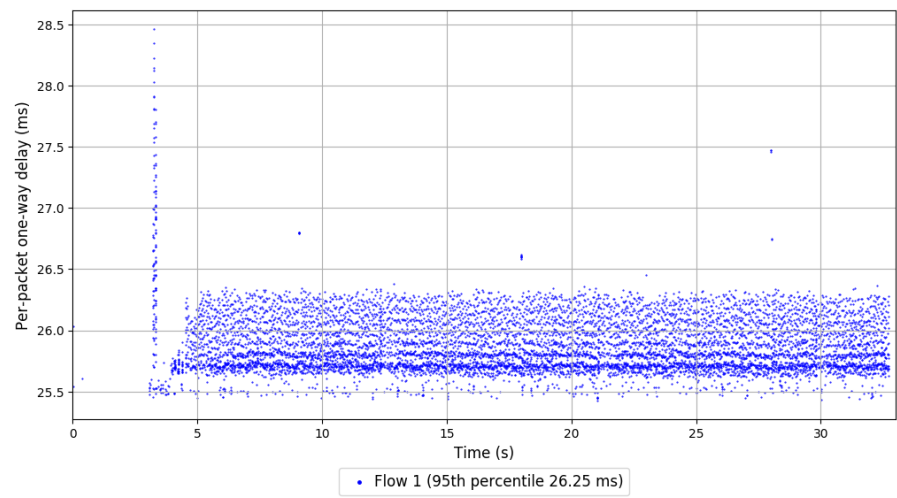
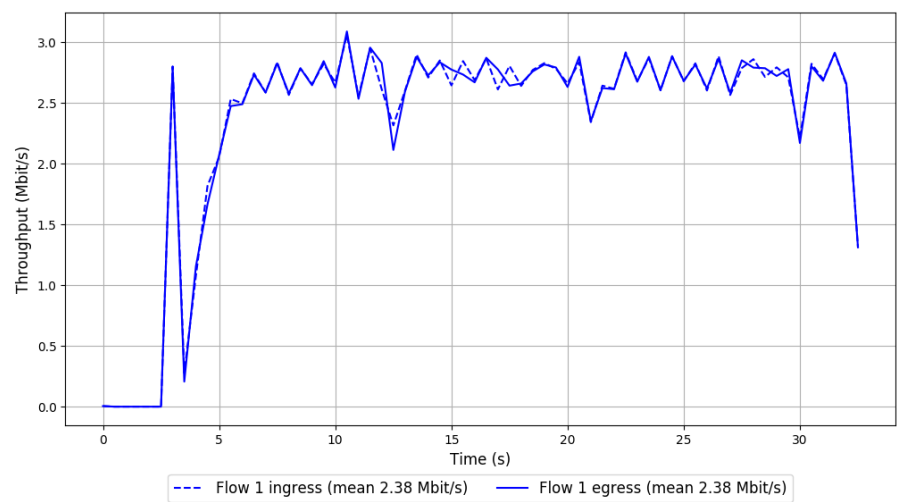


Run 6: Statistics of WebRTC media

Start at: 2018-02-02 11:11:35
End at: 2018-02-02 11:12:05
Local clock offset: 0.858 ms
Remote clock offset: -1.664 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 26.255 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 26.255 ms
Loss rate: 0.14%

Run 6: Report of WebRTC media — Data Link

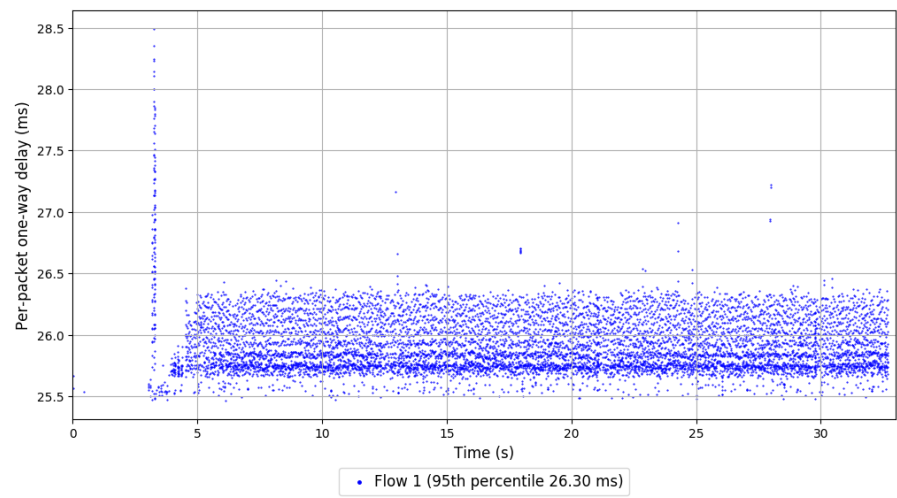
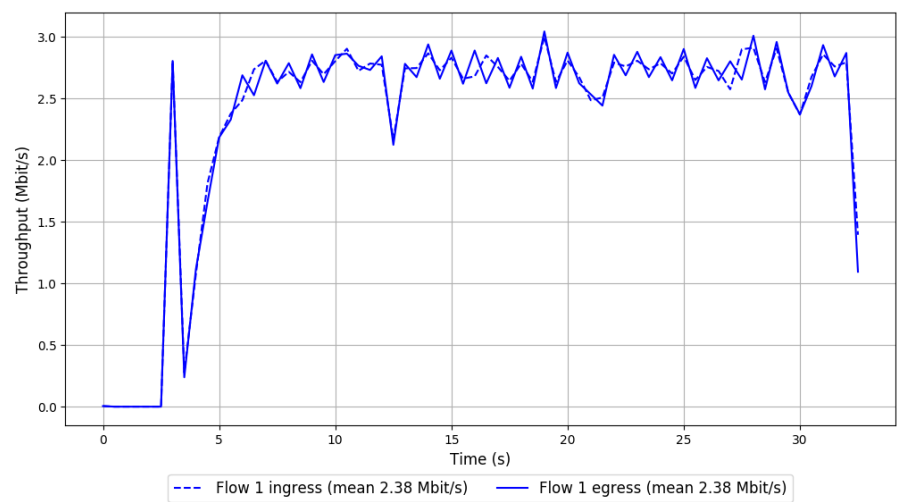


Run 7: Statistics of WebRTC media

Start at: 2018-02-02 11:35:36
End at: 2018-02-02 11:36:06
Local clock offset: 1.042 ms
Remote clock offset: -1.762 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 26.298 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 26.298 ms
Loss rate: 0.29%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-02 11:59:40

End at: 2018-02-02 12:00:10

Local clock offset: 0.878 ms

Remote clock offset: 0.102 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.153 ms

Loss rate: 0.20%

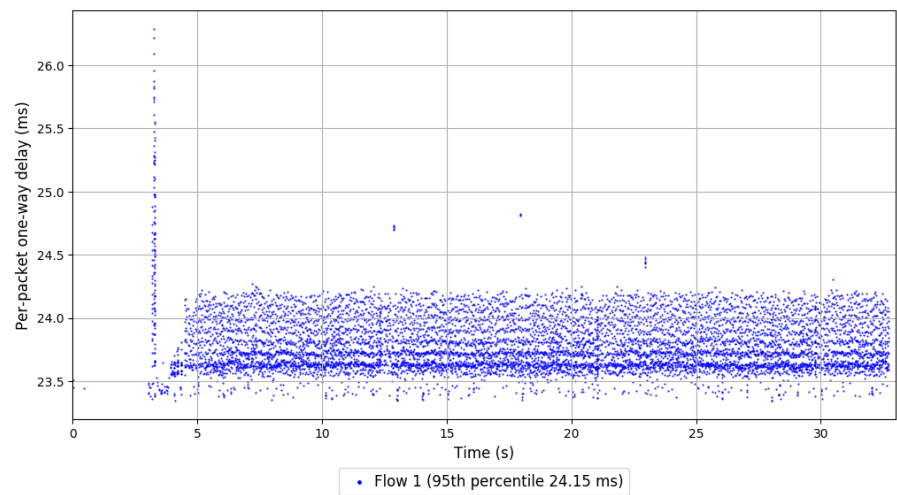
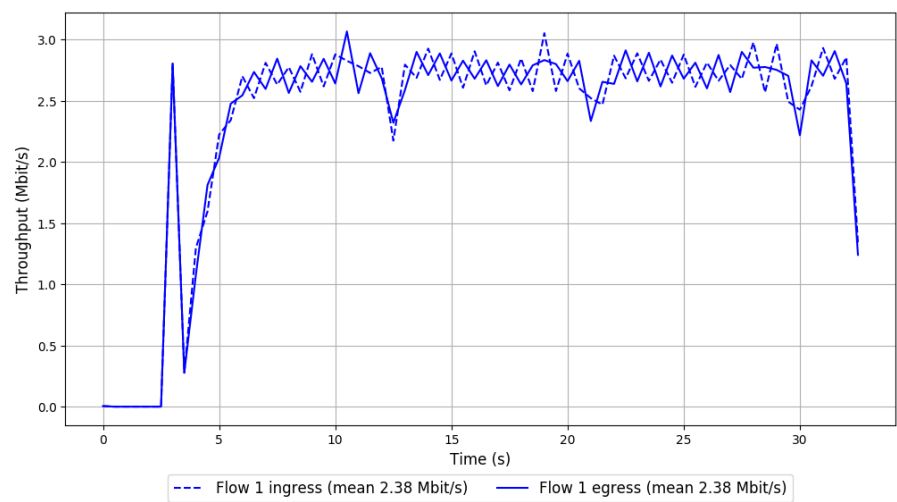
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.153 ms

Loss rate: 0.20%

Run 8: Report of WebRTC media — Data Link

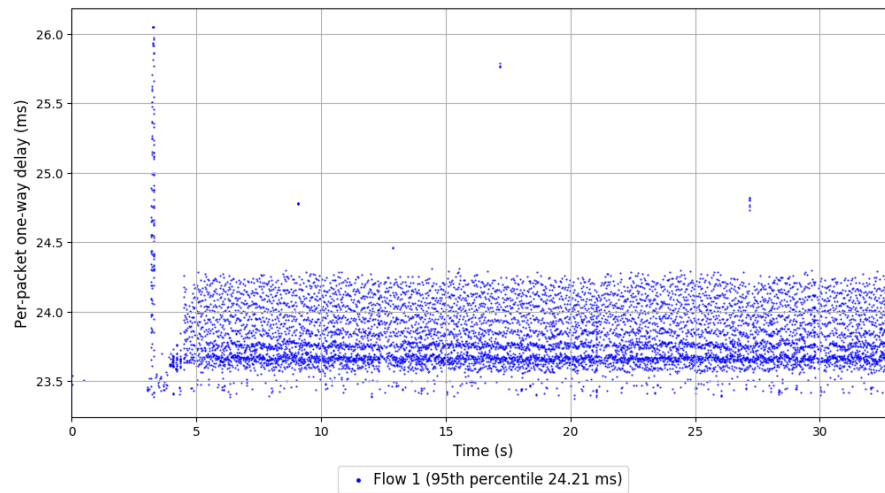
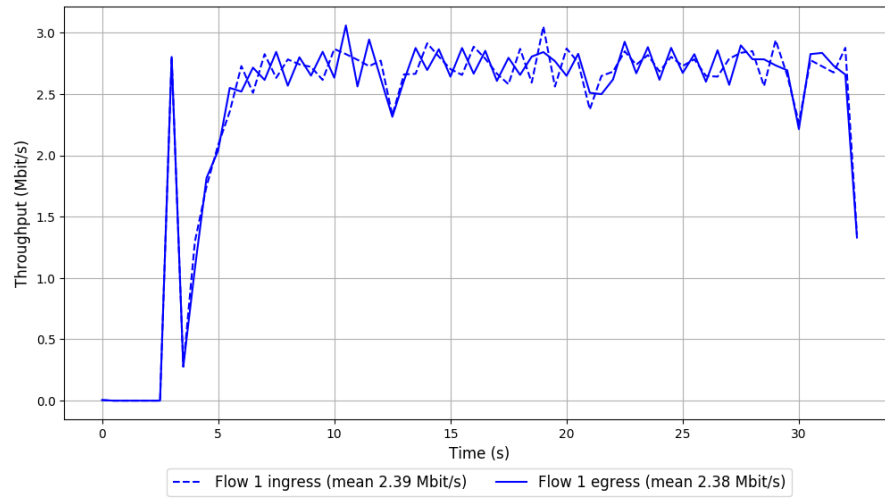


Run 9: Statistics of WebRTC media

Start at: 2018-02-02 12:23:37
End at: 2018-02-02 12:24:07
Local clock offset: 0.944 ms
Remote clock offset: -0.226 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 24.209 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 24.209 ms
Loss rate: 0.15%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-02 12:47:37

End at: 2018-02-02 12:48:07

Local clock offset: 1.026 ms

Remote clock offset: -2.083 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 28.505 ms

Loss rate: 0.30%

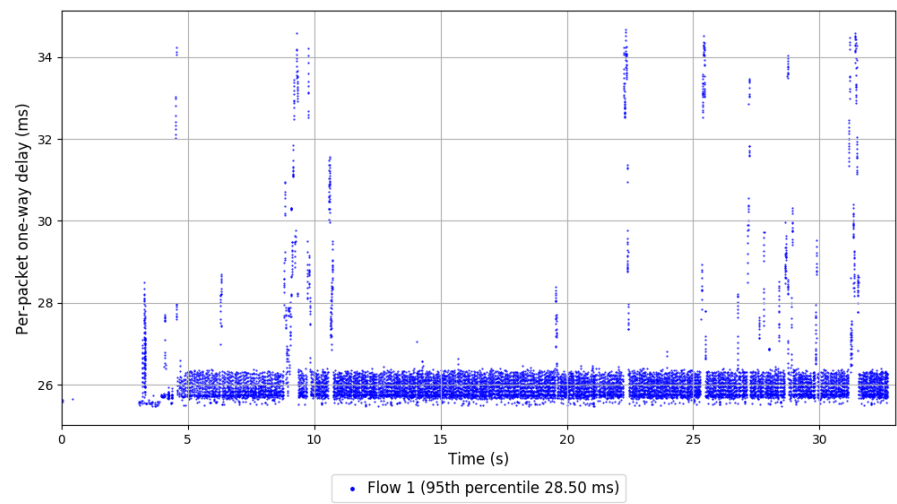
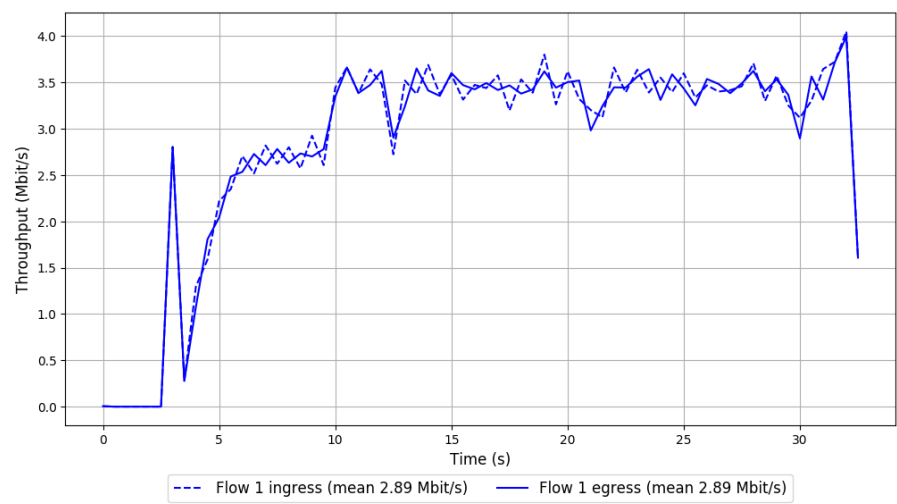
-- Flow 1:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 28.505 ms

Loss rate: 0.30%

Run 10: Report of WebRTC media — Data Link

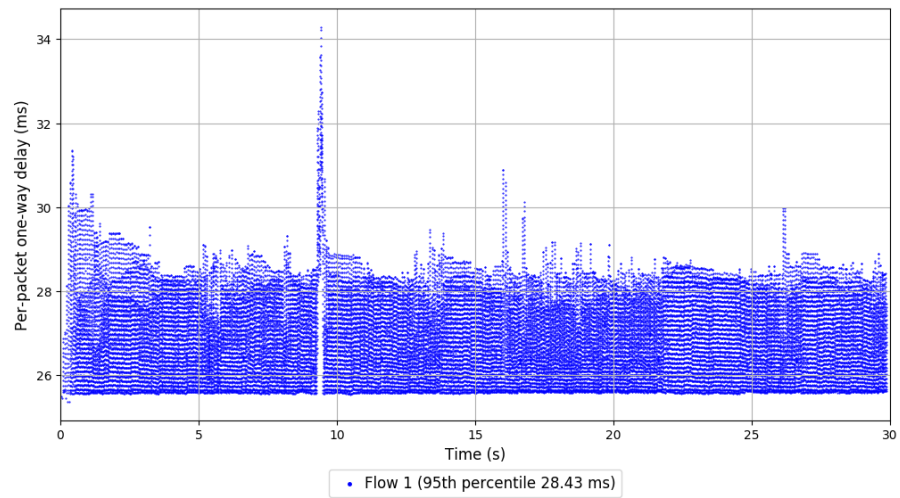
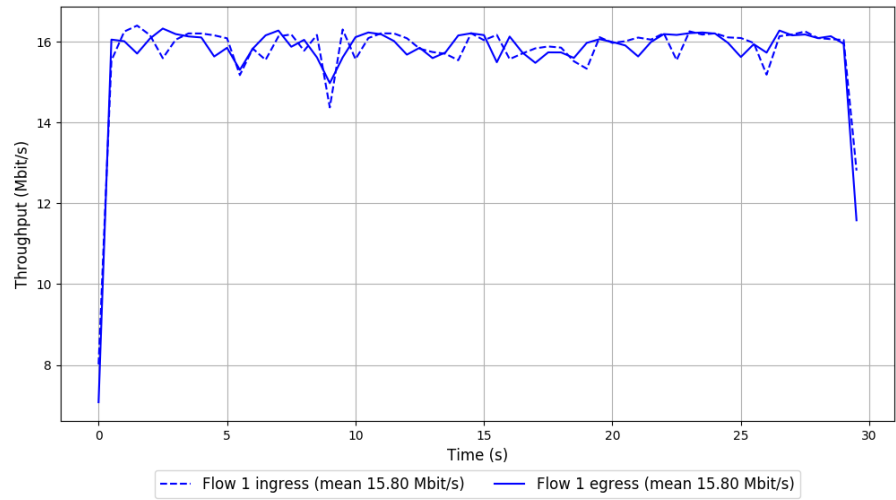


Run 1: Statistics of Sprout

Start at: 2018-02-02 08:50:20
End at: 2018-02-02 08:50:50
Local clock offset: -0.037 ms
Remote clock offset: -0.355 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.80 Mbit/s
95th percentile per-packet one-way delay: 28.433 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 15.80 Mbit/s
95th percentile per-packet one-way delay: 28.433 ms
Loss rate: 0.21%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-02-02 09:14:25

End at: 2018-02-02 09:14:55

Local clock offset: 0.243 ms

Remote clock offset: 2.535 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.65 Mbit/s

95th percentile per-packet one-way delay: 26.052 ms

Loss rate: 0.20%

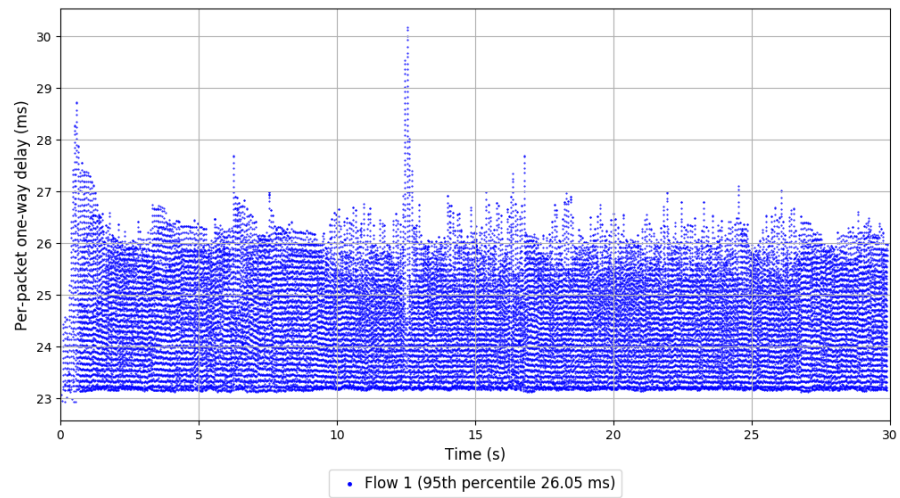
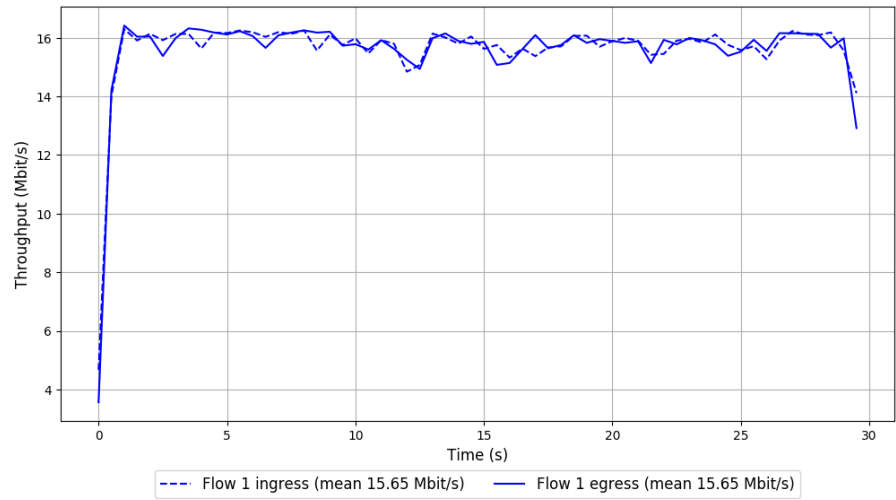
-- Flow 1:

Average throughput: 15.65 Mbit/s

95th percentile per-packet one-way delay: 26.052 ms

Loss rate: 0.20%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-02-02 09:38:20

End at: 2018-02-02 09:38:51

Local clock offset: 0.636 ms

Remote clock offset: 1.907 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.89 Mbit/s

95th percentile per-packet one-way delay: 26.714 ms

Loss rate: 0.22%

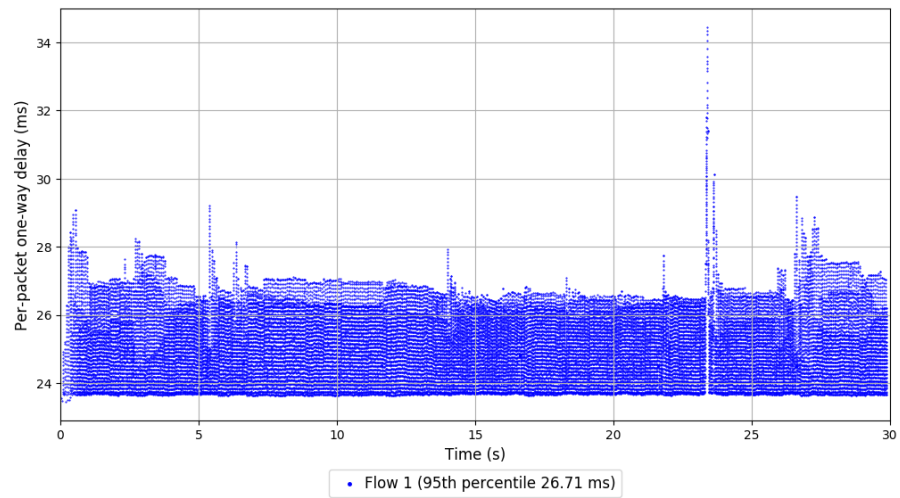
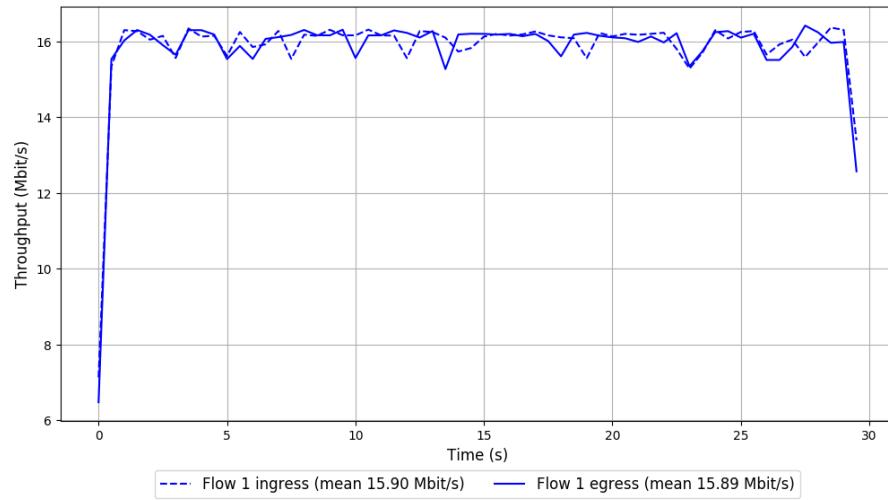
-- Flow 1:

Average throughput: 15.89 Mbit/s

95th percentile per-packet one-way delay: 26.714 ms

Loss rate: 0.22%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

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

End at: 2018-02-02 10:02:46

Local clock offset: 0.865 ms

Remote clock offset: 2.229 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 26.438 ms

Loss rate: 0.13%

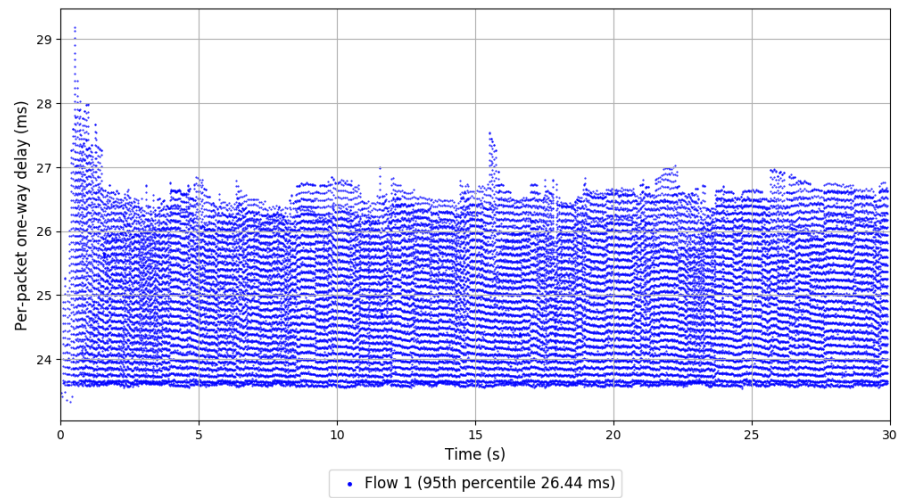
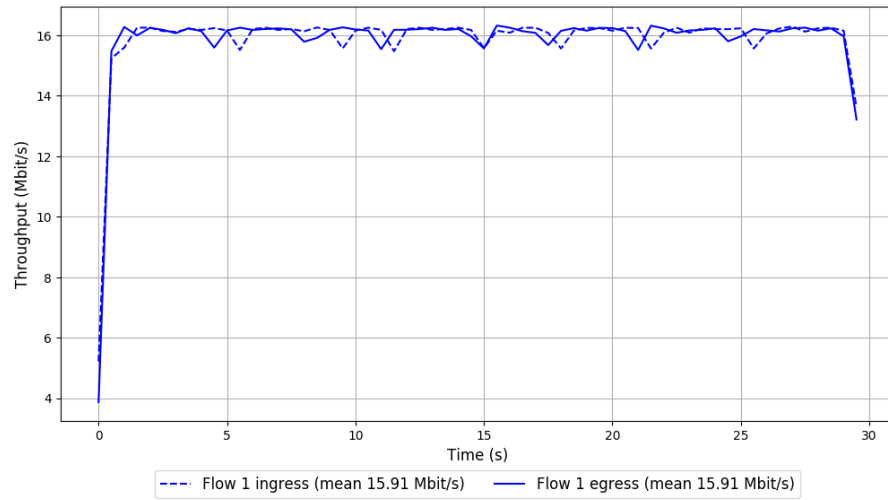
-- Flow 1:

Average throughput: 15.91 Mbit/s

95th percentile per-packet one-way delay: 26.438 ms

Loss rate: 0.13%

Run 4: Report of Sprout — Data Link

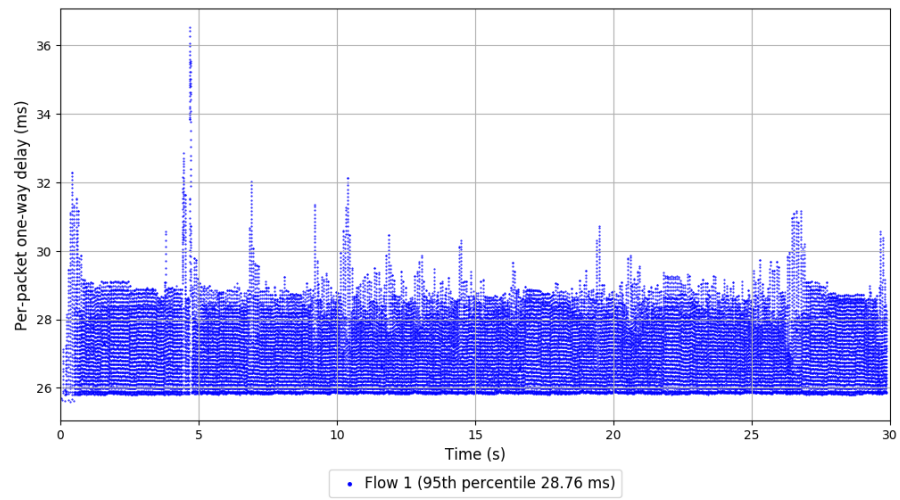
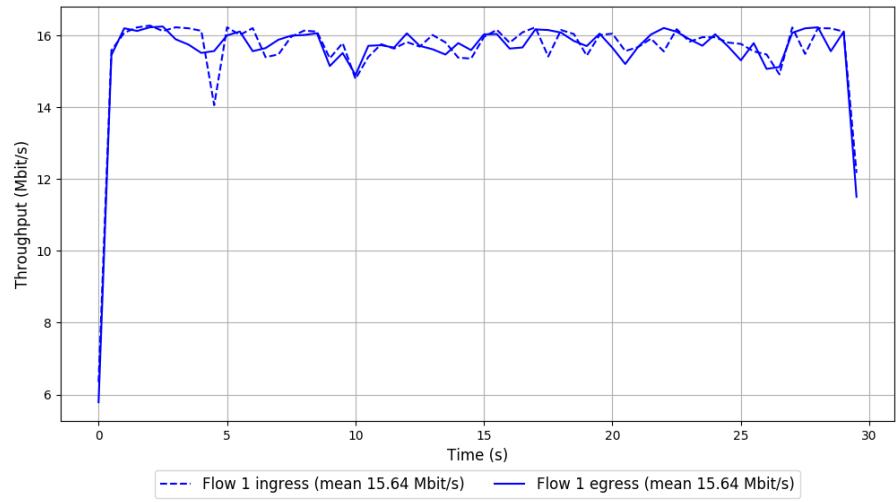


Run 5: Statistics of Sprout

Start at: 2018-02-02 10:26:12
End at: 2018-02-02 10:26:42
Local clock offset: 0.87 ms
Remote clock offset: -0.285 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 28.759 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 28.759 ms
Loss rate: 0.21%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-02-02 10:50:14

End at: 2018-02-02 10:50:44

Local clock offset: 0.835 ms

Remote clock offset: 1.966 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 26.352 ms

Loss rate: 0.20%

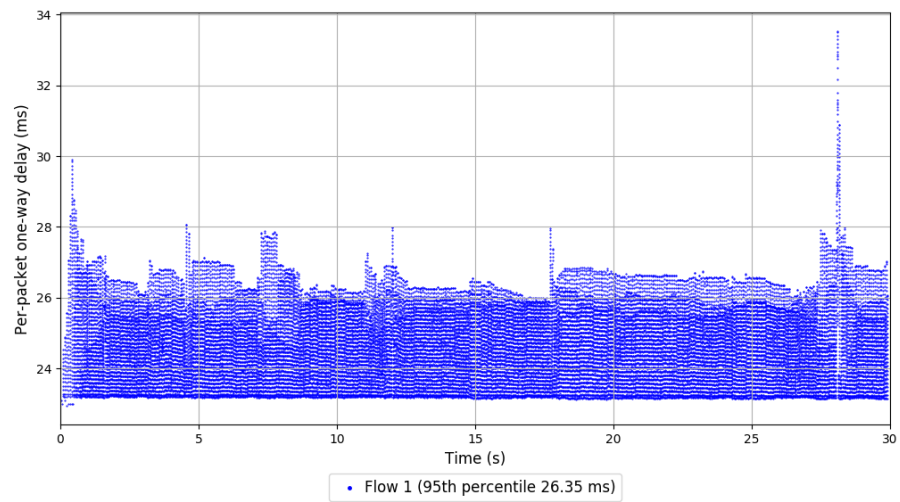
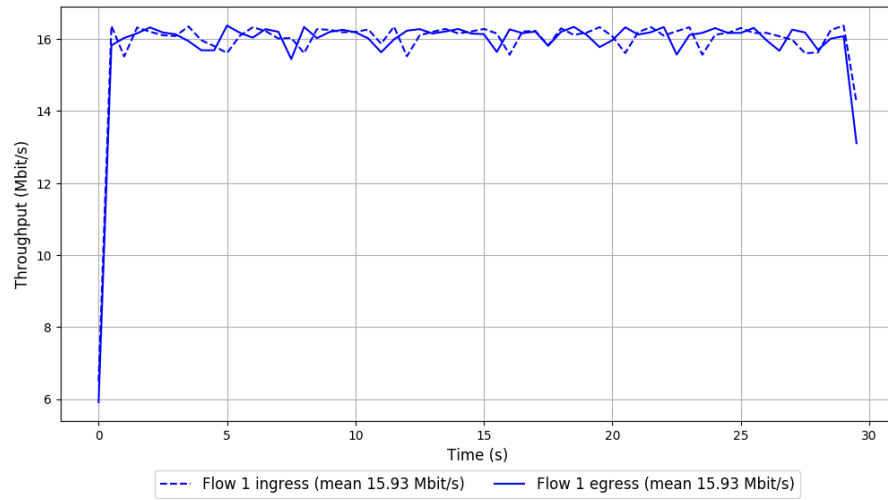
-- Flow 1:

Average throughput: 15.93 Mbit/s

95th percentile per-packet one-way delay: 26.352 ms

Loss rate: 0.20%

Run 6: Report of Sprout — Data Link

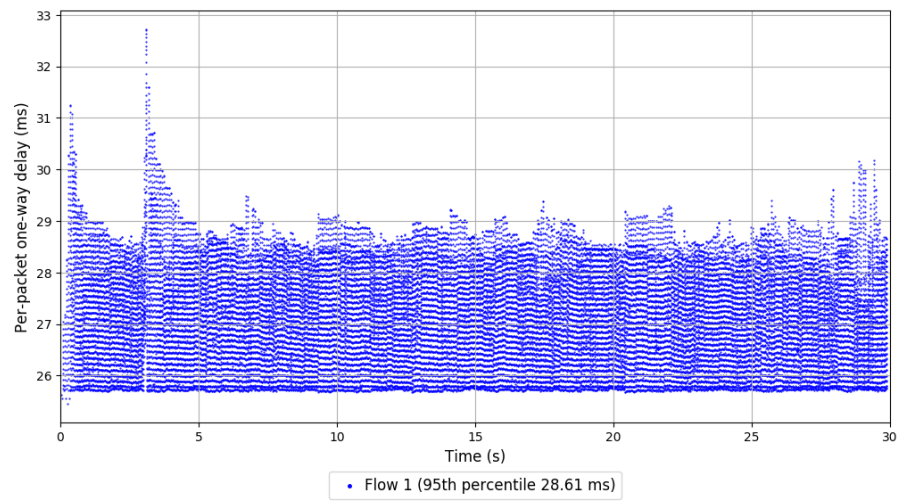
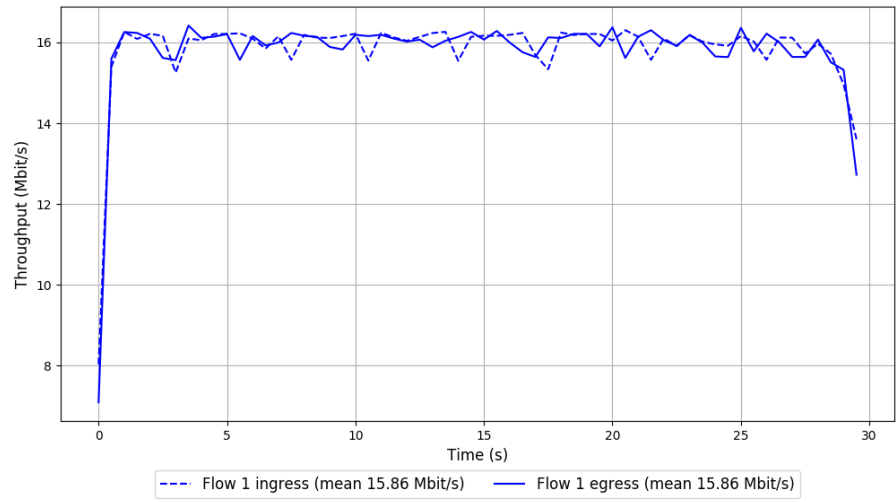


Run 7: Statistics of Sprout

Start at: 2018-02-02 11:14:12
End at: 2018-02-02 11:14:42
Local clock offset: 0.882 ms
Remote clock offset: -1.682 ms

Below is generated by plot.py at 2018-02-02 17:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 28.612 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 15.86 Mbit/s
95th percentile per-packet one-way delay: 28.612 ms
Loss rate: 0.20%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-02-02 11:38:15

End at: 2018-02-02 11:38:45

Local clock offset: 1.053 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.82 Mbit/s

95th percentile per-packet one-way delay: 26.701 ms

Loss rate: 0.24%

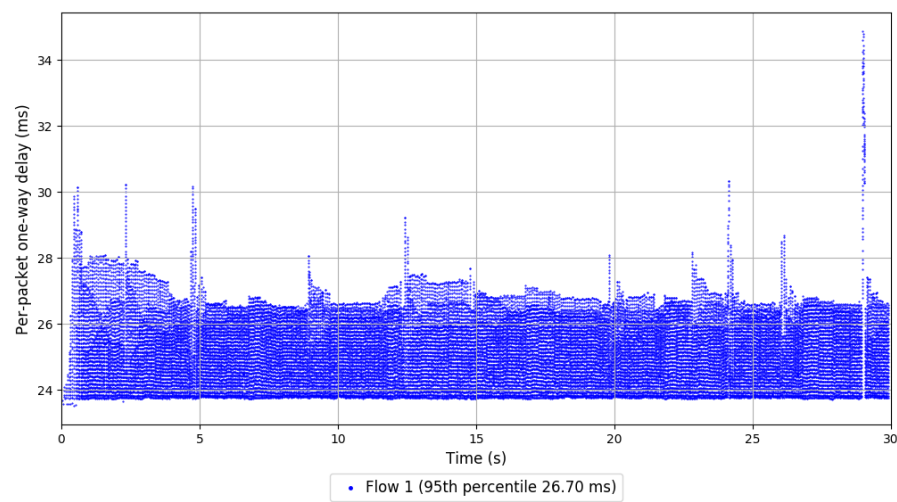
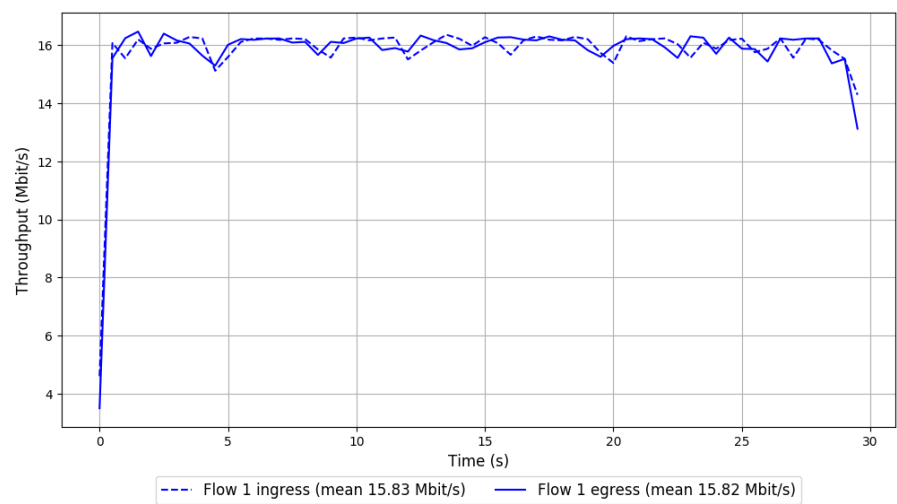
-- Flow 1:

Average throughput: 15.82 Mbit/s

95th percentile per-packet one-way delay: 26.701 ms

Loss rate: 0.24%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

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

End at: 2018-02-02 12:02:48

Local clock offset: 0.876 ms

Remote clock offset: 0.075 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.86 Mbit/s

95th percentile per-packet one-way delay: 26.527 ms

Loss rate: 0.14%

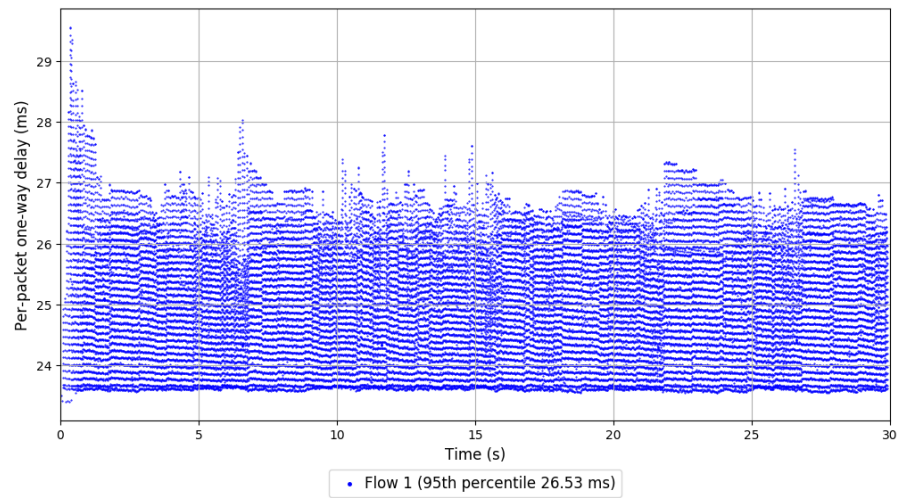
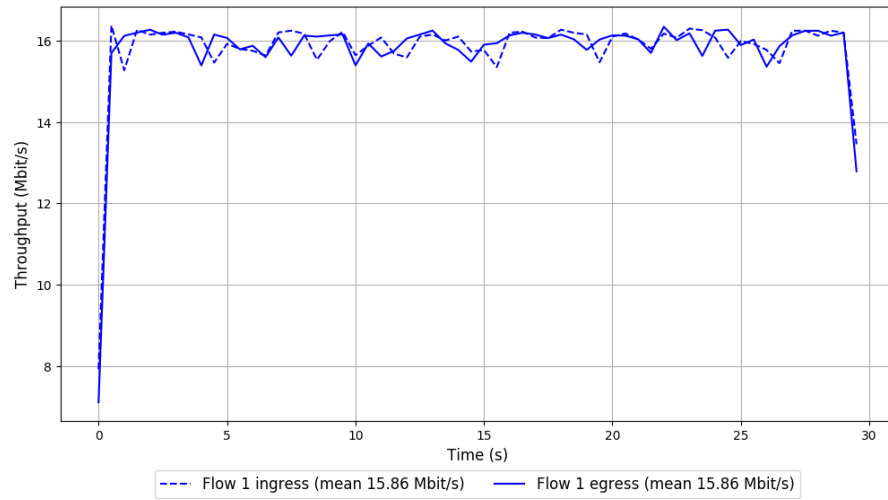
-- Flow 1:

Average throughput: 15.86 Mbit/s

95th percentile per-packet one-way delay: 26.527 ms

Loss rate: 0.14%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-02 12:26:14

End at: 2018-02-02 12:26:44

Local clock offset: 0.986 ms

Remote clock offset: -2.301 ms

Below is generated by plot.py at 2018-02-02 17:05:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.70 Mbit/s

95th percentile per-packet one-way delay: 28.761 ms

Loss rate: 0.15%

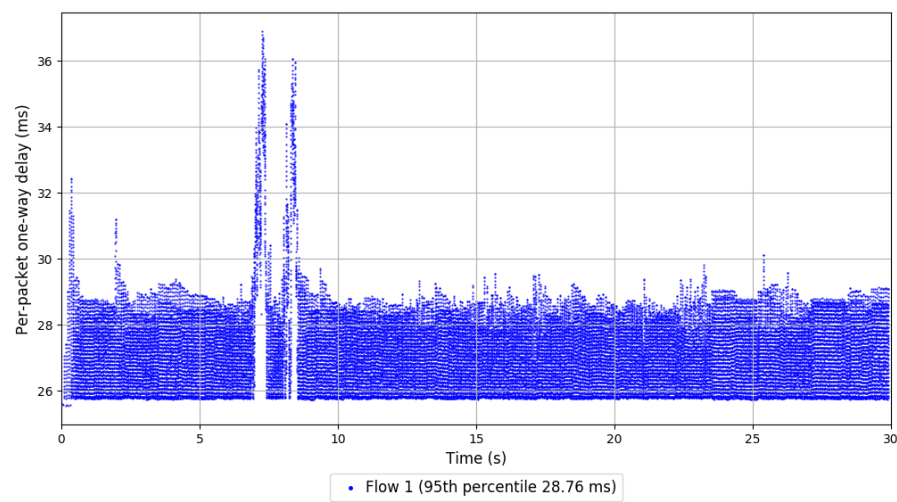
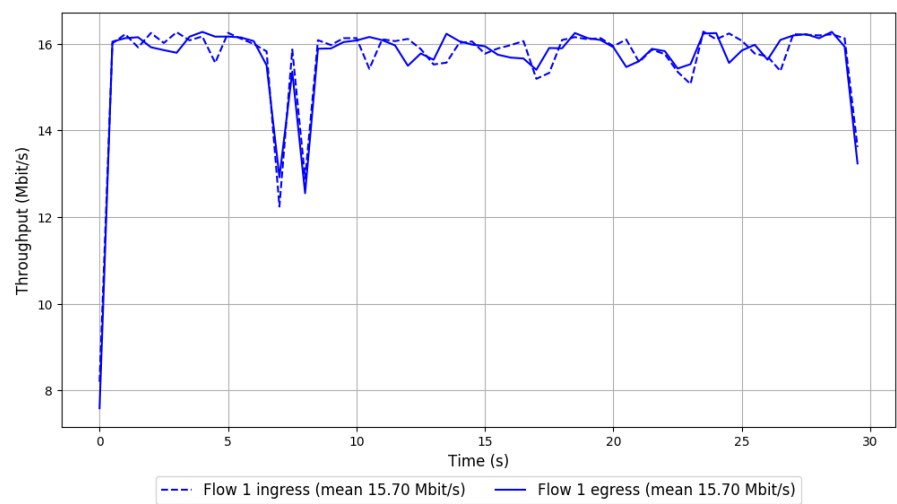
-- Flow 1:

Average throughput: 15.70 Mbit/s

95th percentile per-packet one-way delay: 28.761 ms

Loss rate: 0.15%

Run 10: Report of Sprout — Data Link

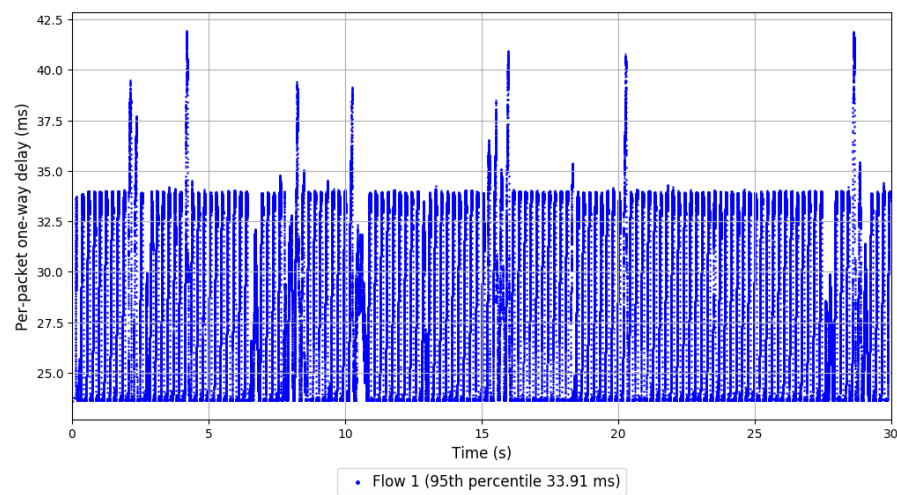
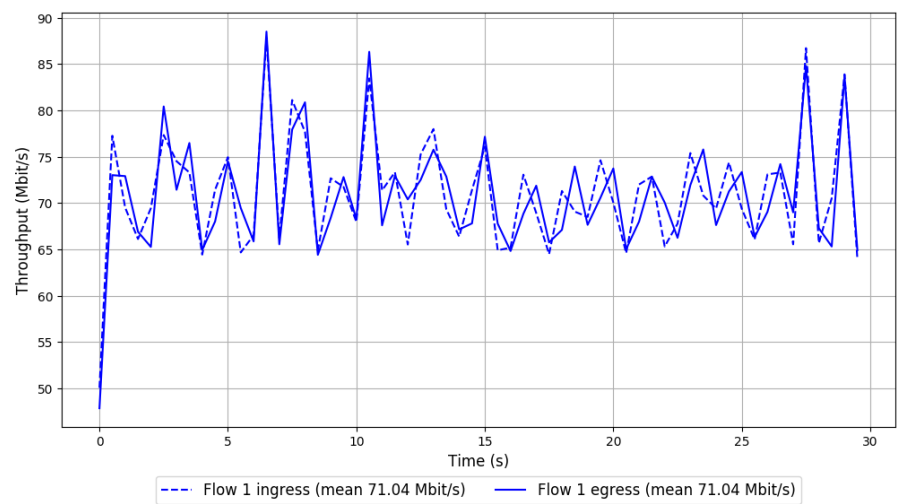


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-02 09:05:01
End at: 2018-02-02 09:05:31
Local clock offset: 0.202 ms
Remote clock offset: 1.92 ms

# Below is generated by plot.py at 2018-02-02 17:07:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.04 Mbit/s
95th percentile per-packet one-way delay: 33.908 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 71.04 Mbit/s
95th percentile per-packet one-way delay: 33.908 ms
Loss rate: 0.18%
```

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



Run 2: Statistics of TaoVA-100x

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

End at: 2018-02-02 09:29:32

Local clock offset: 0.503 ms

Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-02-02 17:07:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.70 Mbit/s

95th percentile per-packet one-way delay: 35.868 ms

Loss rate: 0.32%

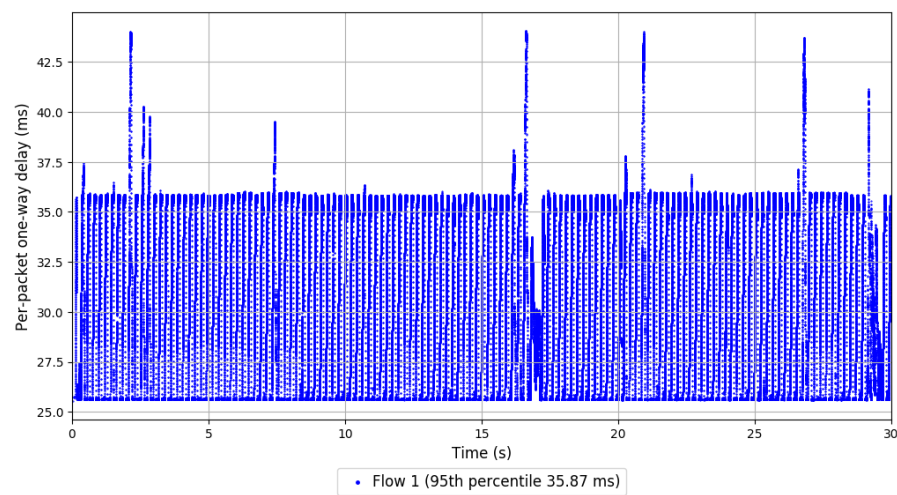
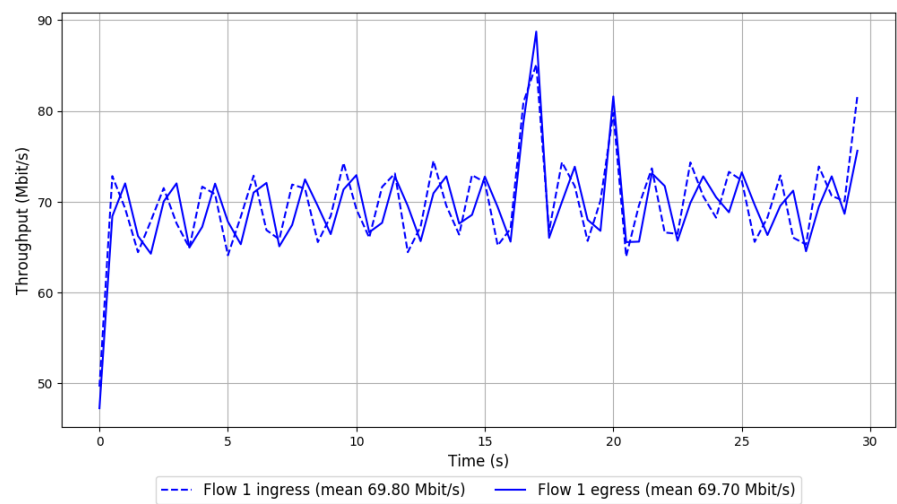
-- Flow 1:

Average throughput: 69.70 Mbit/s

95th percentile per-packet one-way delay: 35.868 ms

Loss rate: 0.32%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-02 09:52:56

End at: 2018-02-02 09:53:26

Local clock offset: 0.678 ms

Remote clock offset: 2.235 ms

Below is generated by plot.py at 2018-02-02 17:07:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.90 Mbit/s

95th percentile per-packet one-way delay: 34.056 ms

Loss rate: 0.32%

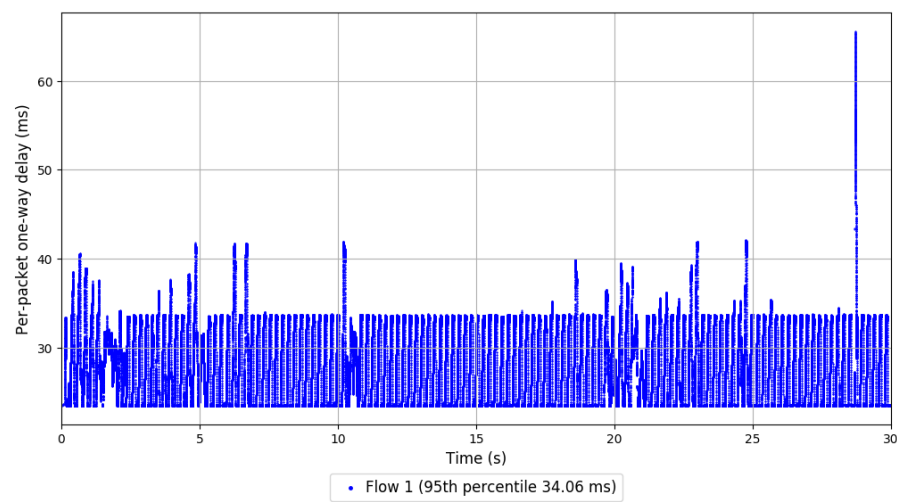
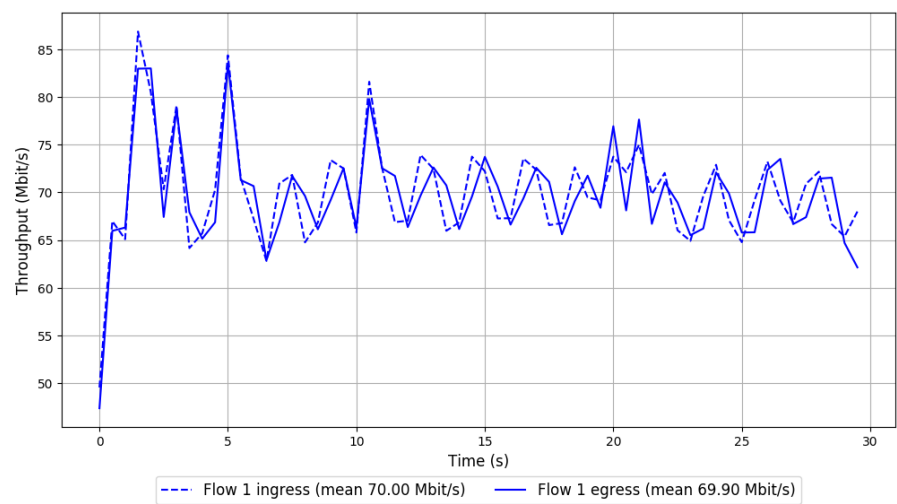
-- Flow 1:

Average throughput: 69.90 Mbit/s

95th percentile per-packet one-way delay: 34.056 ms

Loss rate: 0.32%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-02 10:16:55

End at: 2018-02-02 10:17:25

Local clock offset: 0.869 ms

Remote clock offset: 1.988 ms

Below is generated by plot.py at 2018-02-02 17:07:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.39 Mbit/s

95th percentile per-packet one-way delay: 33.743 ms

Loss rate: 0.29%

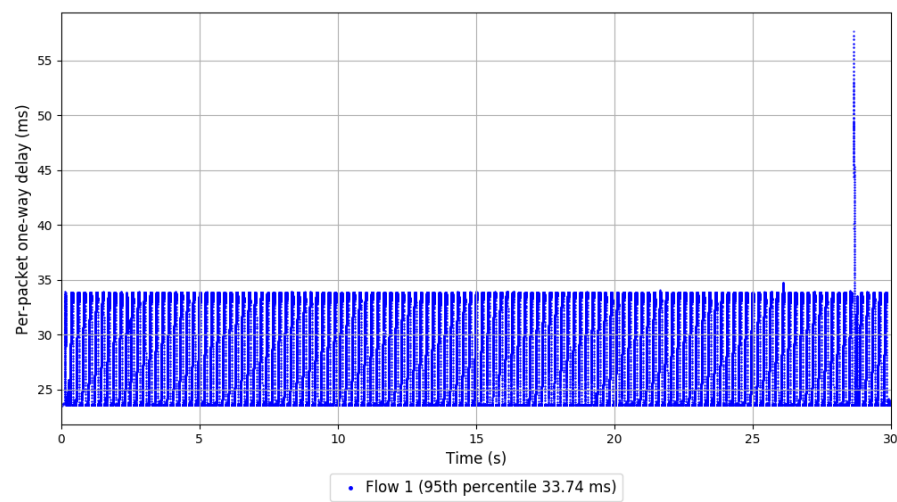
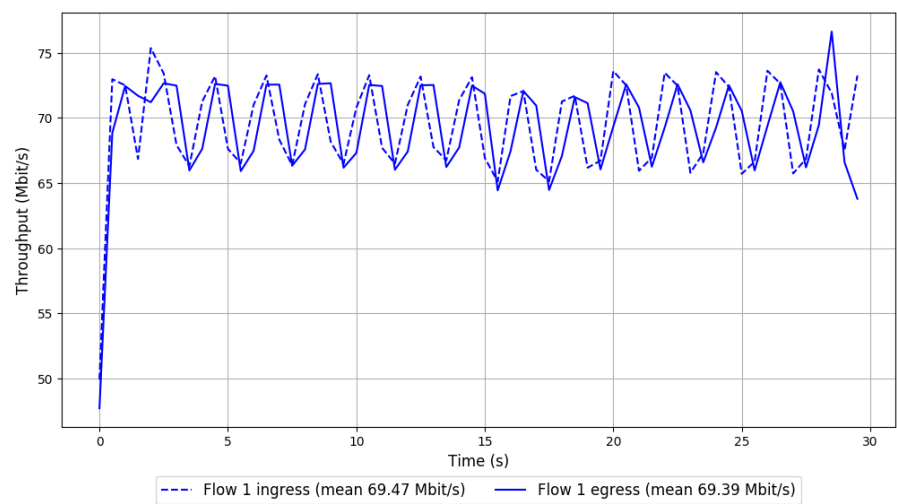
-- Flow 1:

Average throughput: 69.39 Mbit/s

95th percentile per-packet one-way delay: 33.743 ms

Loss rate: 0.29%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-02 10:40:54

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

Local clock offset: 0.883 ms

Remote clock offset: 1.701 ms

Below is generated by plot.py at 2018-02-02 17:07:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.28 Mbit/s

95th percentile per-packet one-way delay: 33.642 ms

Loss rate: 0.30%

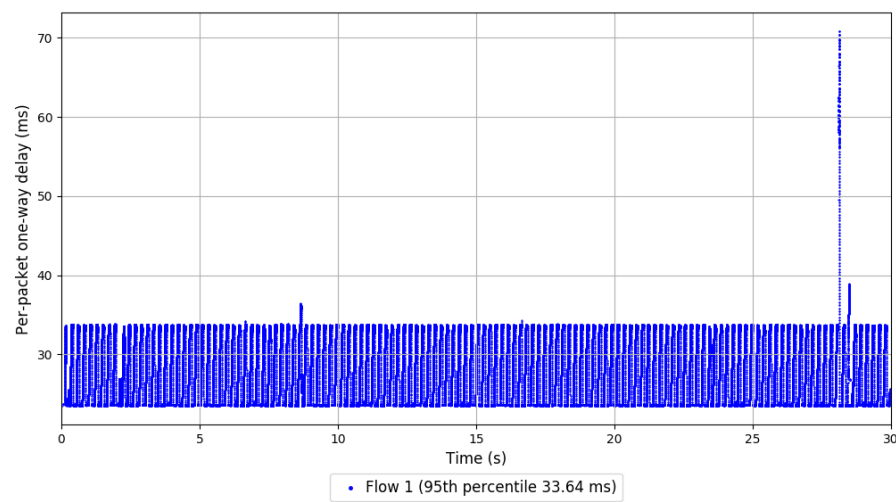
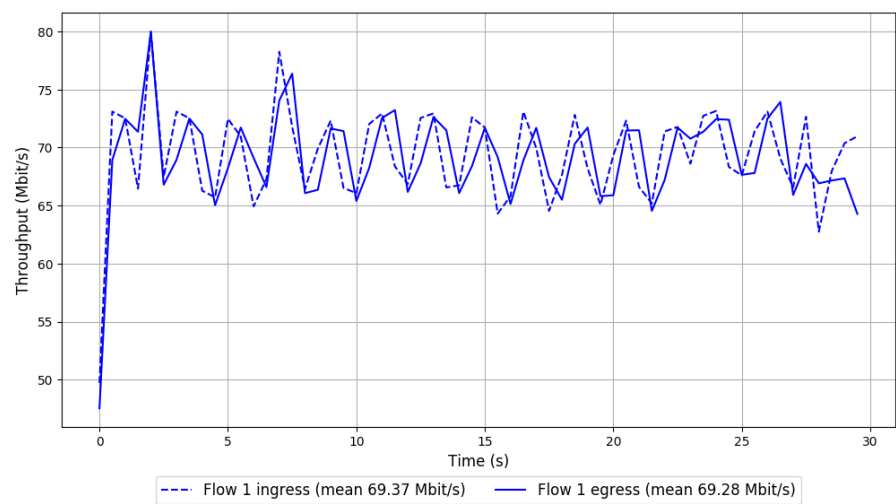
-- Flow 1:

Average throughput: 69.28 Mbit/s

95th percentile per-packet one-way delay: 33.642 ms

Loss rate: 0.30%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-02 11:04:54

End at: 2018-02-02 11:05:24

Local clock offset: 0.717 ms

Remote clock offset: 1.134 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.09 Mbit/s

95th percentile per-packet one-way delay: 33.013 ms

Loss rate: 0.27%

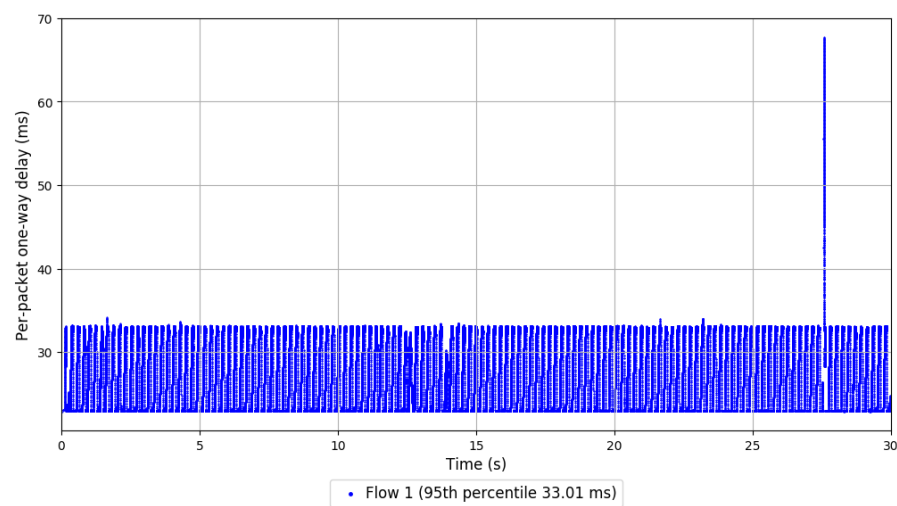
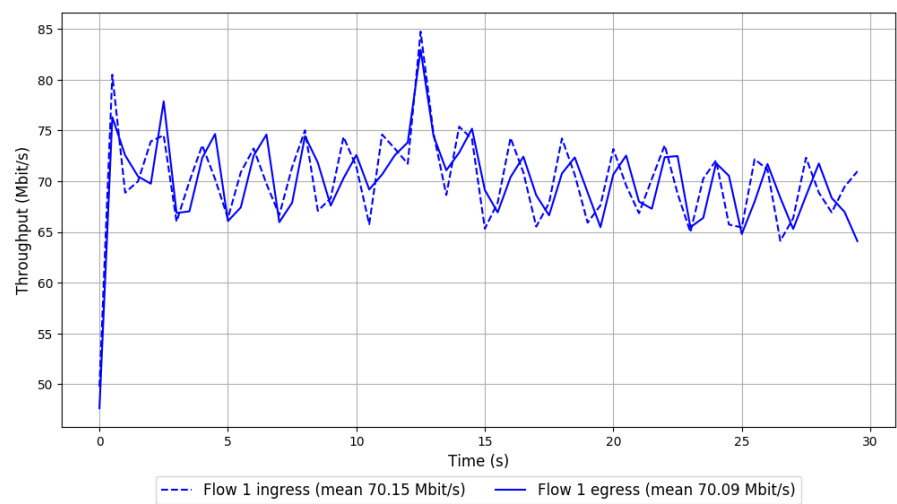
-- Flow 1:

Average throughput: 70.09 Mbit/s

95th percentile per-packet one-way delay: 33.013 ms

Loss rate: 0.27%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-02 11:28:52

End at: 2018-02-02 11:29:22

Local clock offset: 0.997 ms

Remote clock offset: -1.771 ms

Below is generated by plot.py at 2018-02-02 17:07:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.04 Mbit/s

95th percentile per-packet one-way delay: 36.000 ms

Loss rate: 0.39%

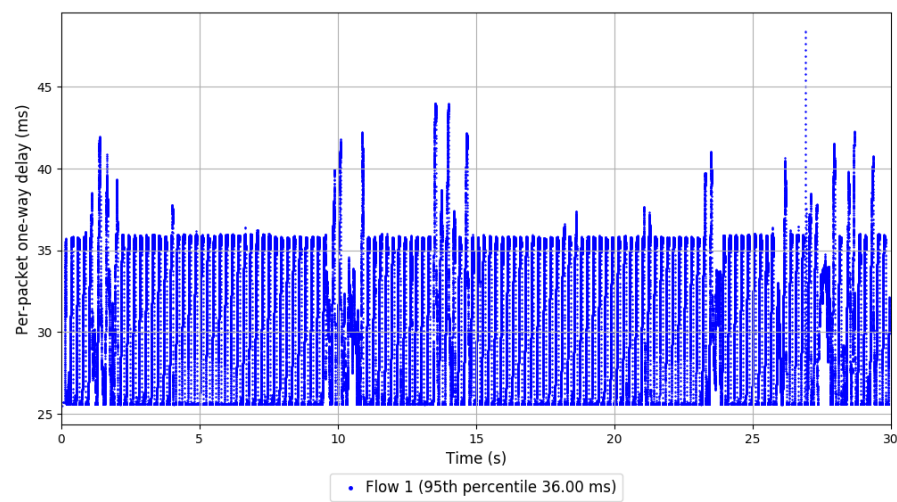
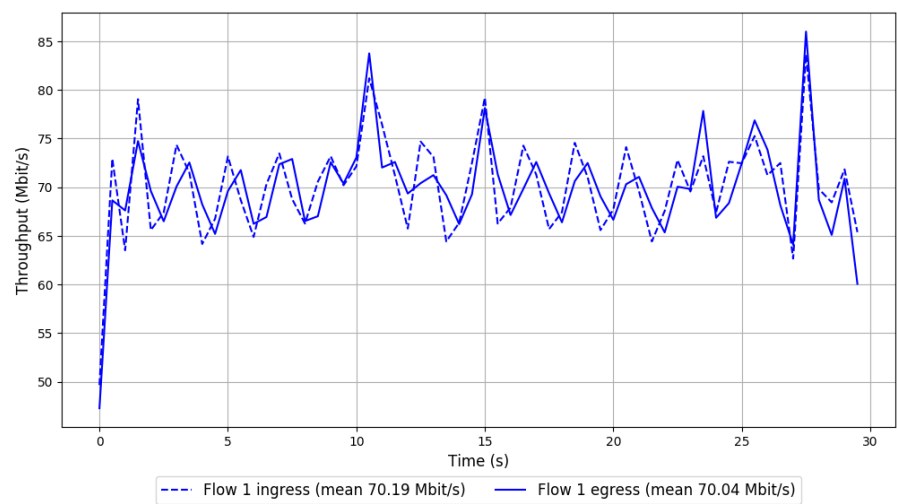
-- Flow 1:

Average throughput: 70.04 Mbit/s

95th percentile per-packet one-way delay: 36.000 ms

Loss rate: 0.39%

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

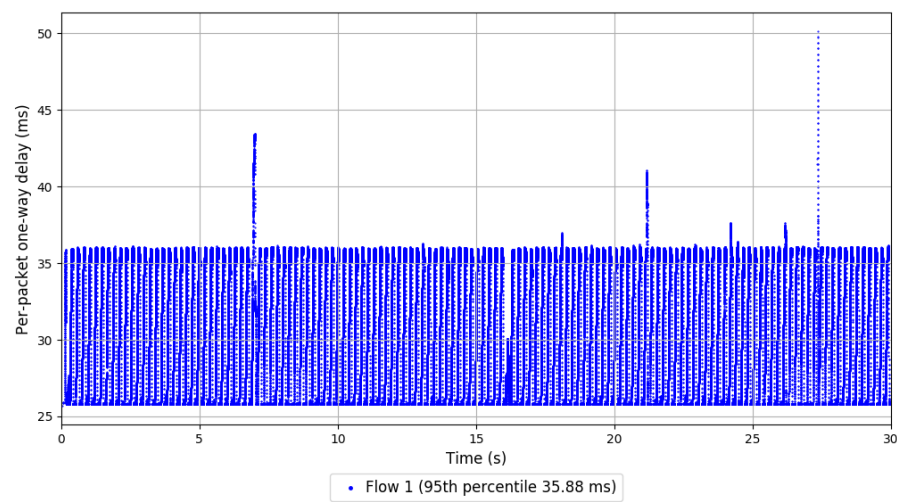
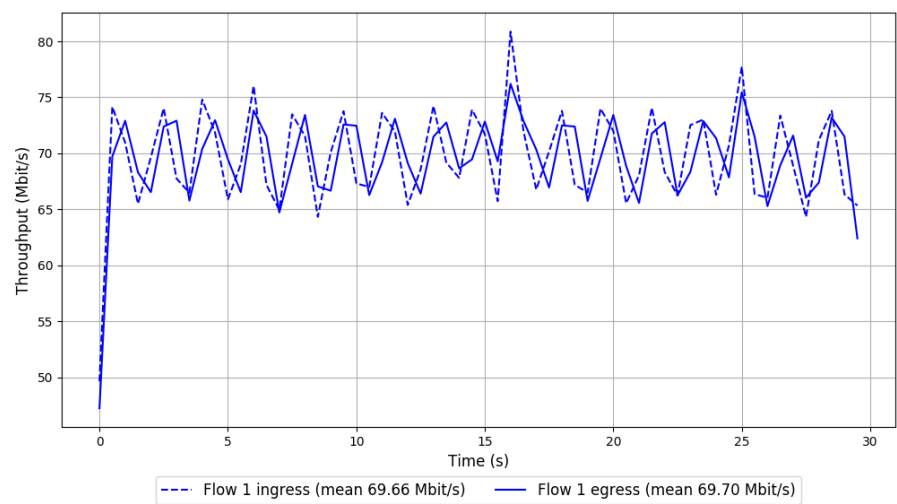


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-02 11:52:59
End at: 2018-02-02 11:53:29
Local clock offset: 1.004 ms
Remote clock offset: -1.926 ms

Below is generated by plot.py at 2018-02-02 17:07:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 35.885 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 35.885 ms
Loss rate: 0.12%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-02 12:16:56

End at: 2018-02-02 12:17:26

Local clock offset: 0.942 ms

Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-02-02 17:08:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.57 Mbit/s

95th percentile per-packet one-way delay: 33.693 ms

Loss rate: 0.28%

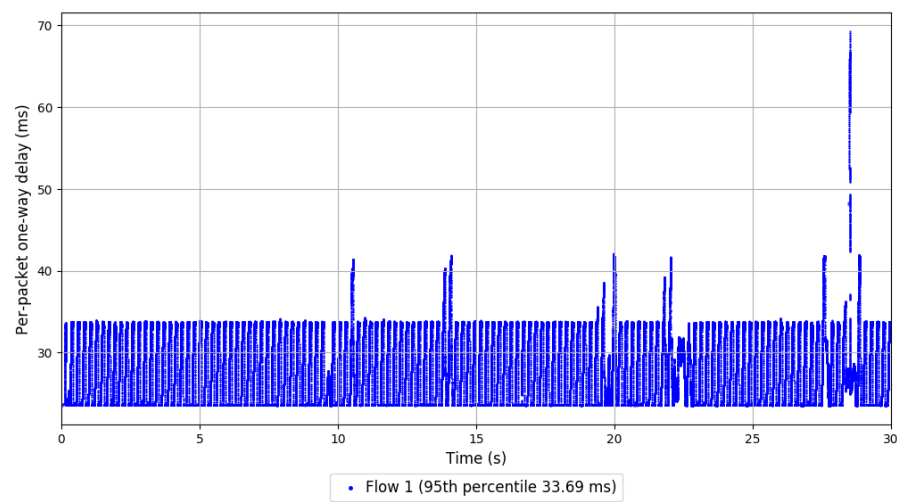
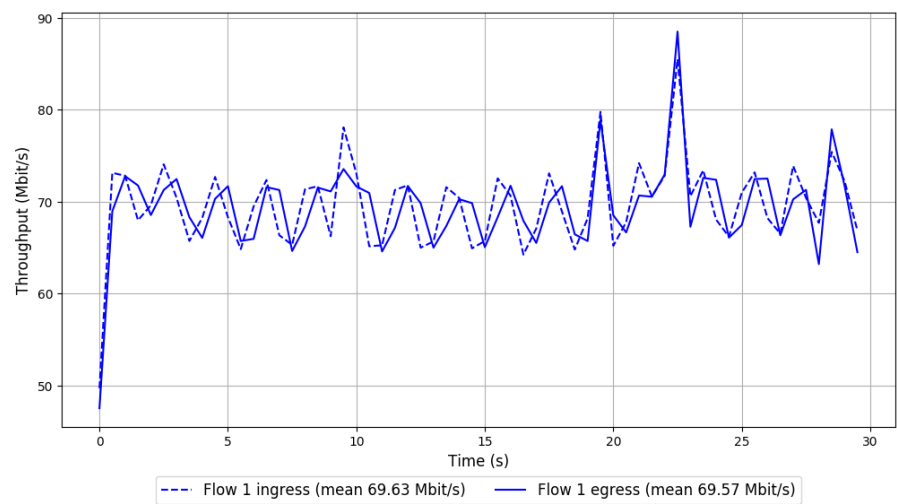
-- Flow 1:

Average throughput: 69.57 Mbit/s

95th percentile per-packet one-way delay: 33.693 ms

Loss rate: 0.28%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-02 12:40:54

End at: 2018-02-02 12:41:24

Local clock offset: 0.98 ms

Remote clock offset: -2.26 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.72 Mbit/s

95th percentile per-packet one-way delay: 35.885 ms

Loss rate: 0.29%

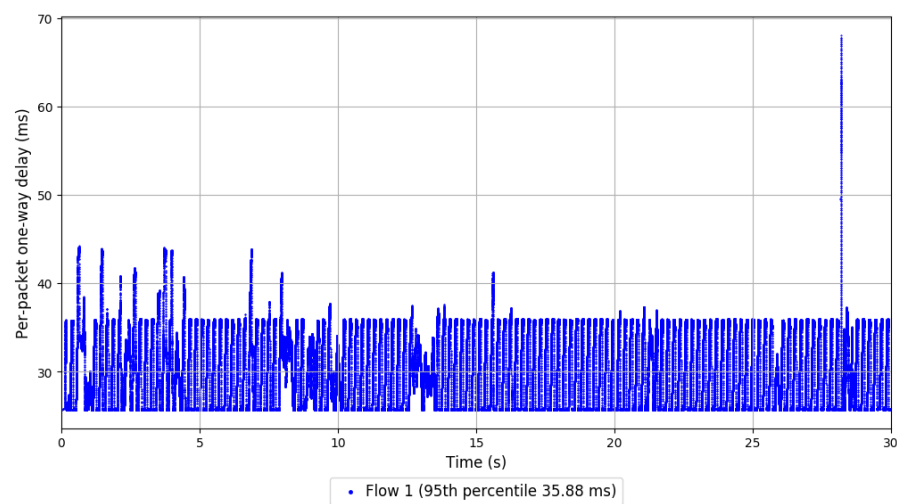
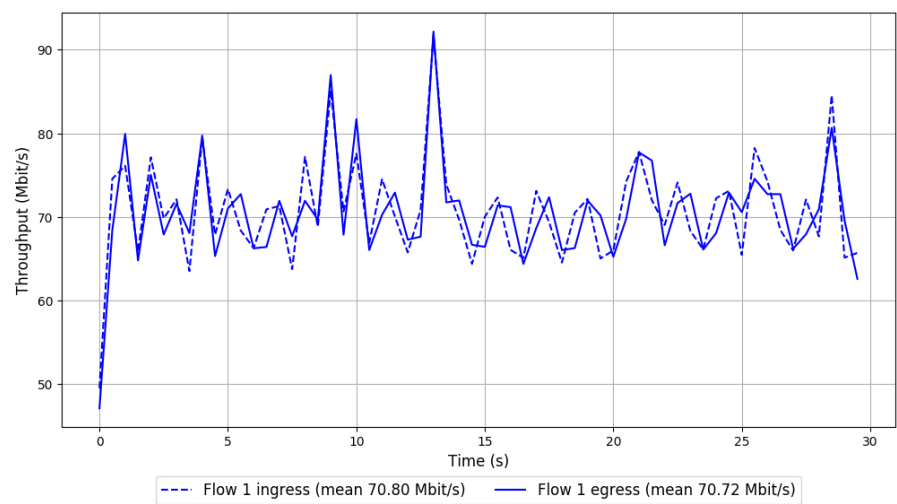
-- Flow 1:

Average throughput: 70.72 Mbit/s

95th percentile per-packet one-way delay: 35.885 ms

Loss rate: 0.29%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-02 09:06:25

End at: 2018-02-02 09:06:55

Local clock offset: 0.198 ms

Remote clock offset: 1.95 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.97 Mbit/s

95th percentile per-packet one-way delay: 35.885 ms

Loss rate: 0.22%

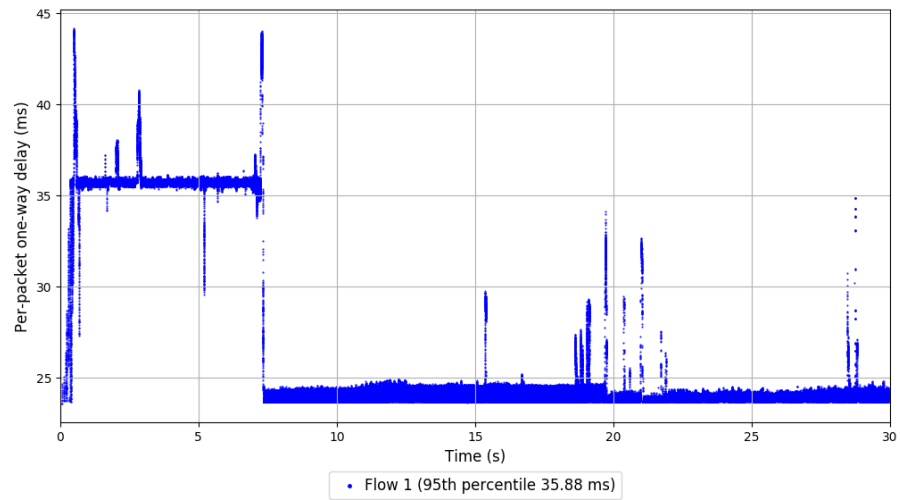
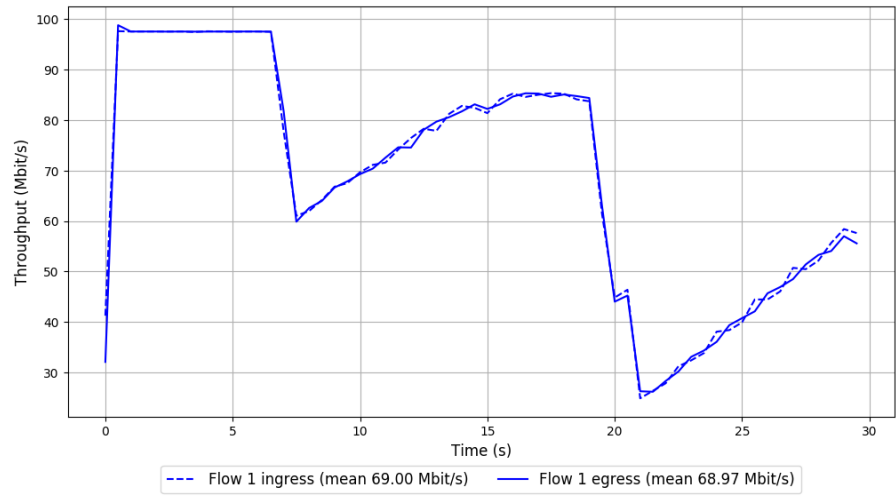
-- Flow 1:

Average throughput: 68.97 Mbit/s

95th percentile per-packet one-way delay: 35.885 ms

Loss rate: 0.22%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-02-02 09:30:24

End at: 2018-02-02 09:30:54

Local clock offset: 0.553 ms

Remote clock offset: 2.495 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.59 Mbit/s

95th percentile per-packet one-way delay: 35.369 ms

Loss rate: 0.31%

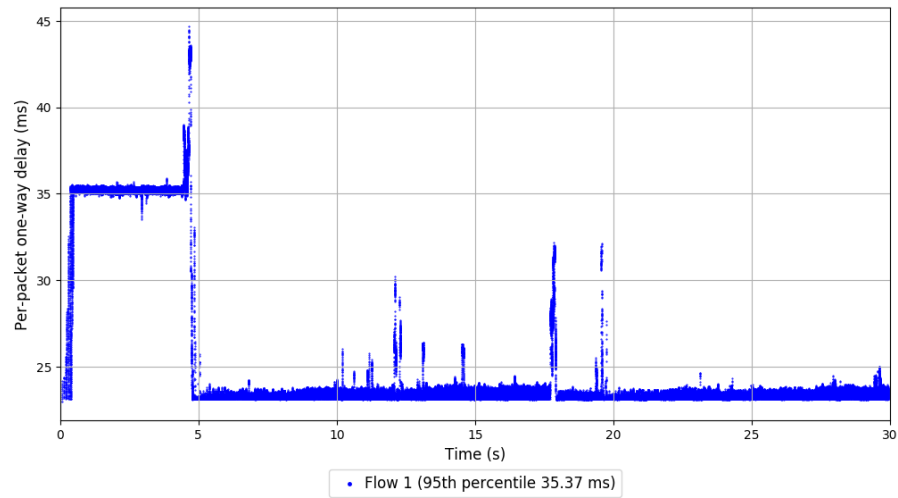
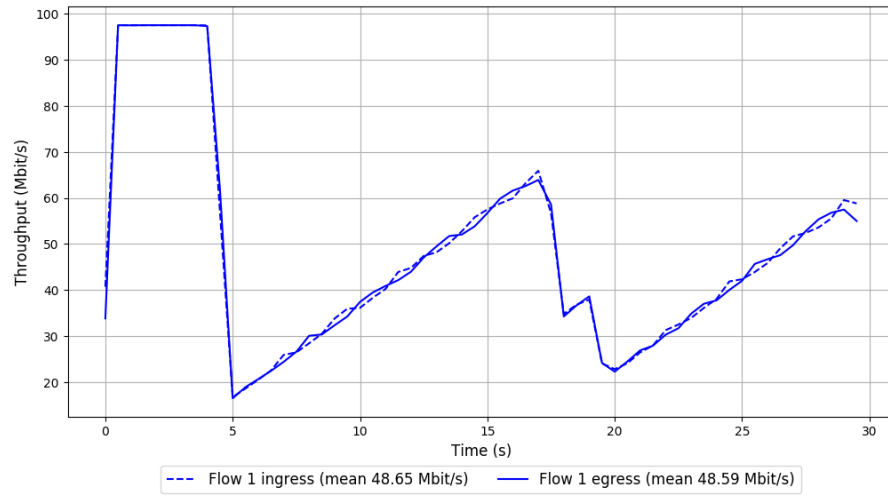
-- Flow 1:

Average throughput: 48.59 Mbit/s

95th percentile per-packet one-way delay: 35.369 ms

Loss rate: 0.31%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-02-02 09:54:18

End at: 2018-02-02 09:54:48

Local clock offset: 0.824 ms

Remote clock offset: 0.188 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.17 Mbit/s

95th percentile per-packet one-way delay: 37.954 ms

Loss rate: 0.28%

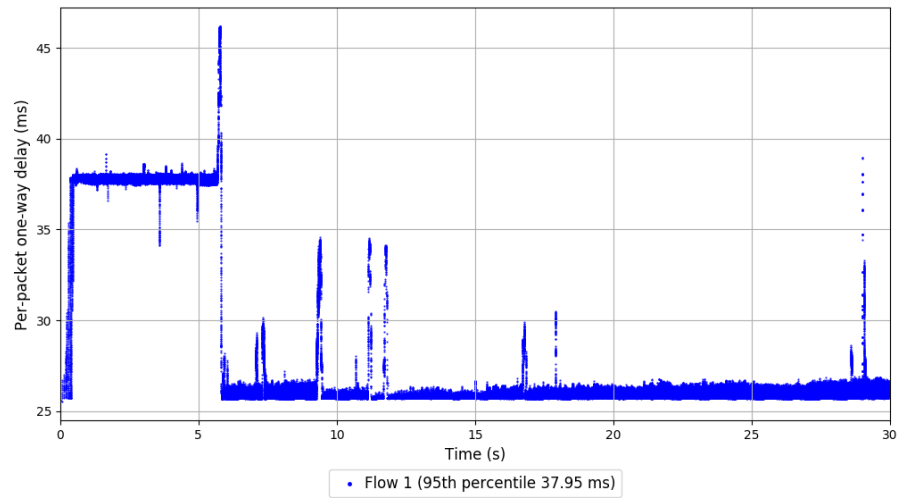
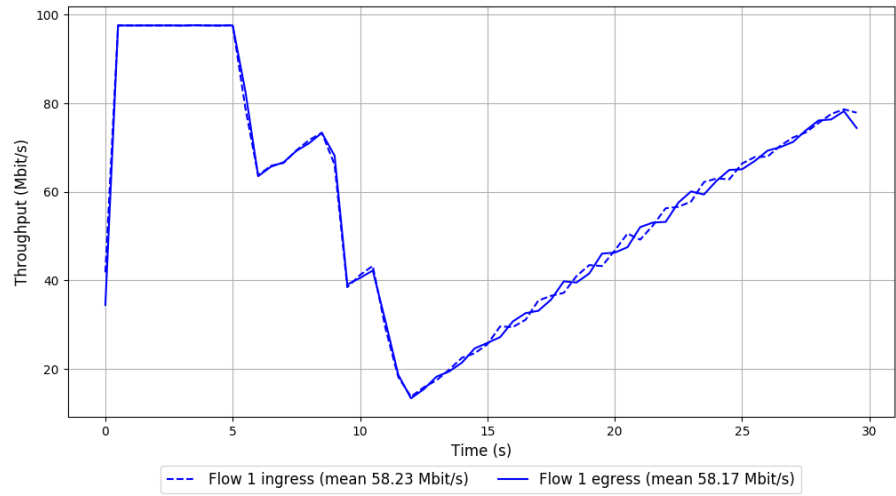
-- Flow 1:

Average throughput: 58.17 Mbit/s

95th percentile per-packet one-way delay: 37.954 ms

Loss rate: 0.28%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-02-02 10:18:16

End at: 2018-02-02 10:18:46

Local clock offset: 0.855 ms

Remote clock offset: 1.961 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.56 Mbit/s

95th percentile per-packet one-way delay: 25.438 ms

Loss rate: 0.25%

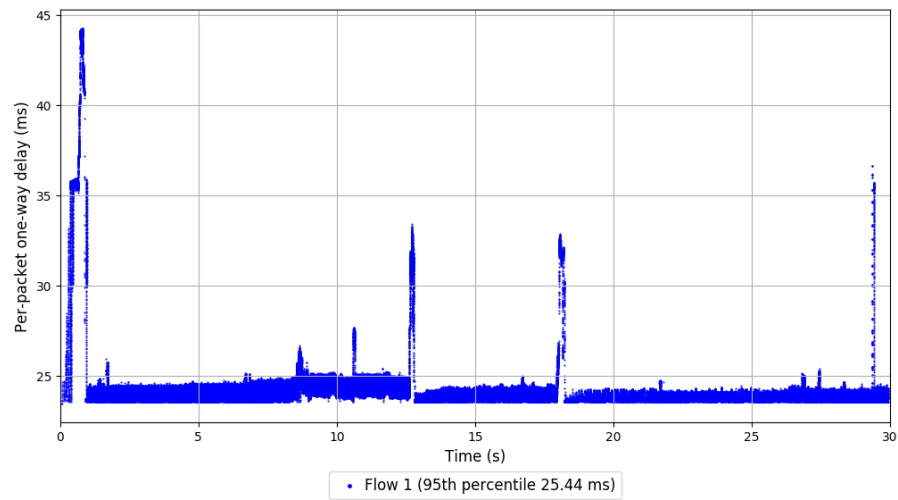
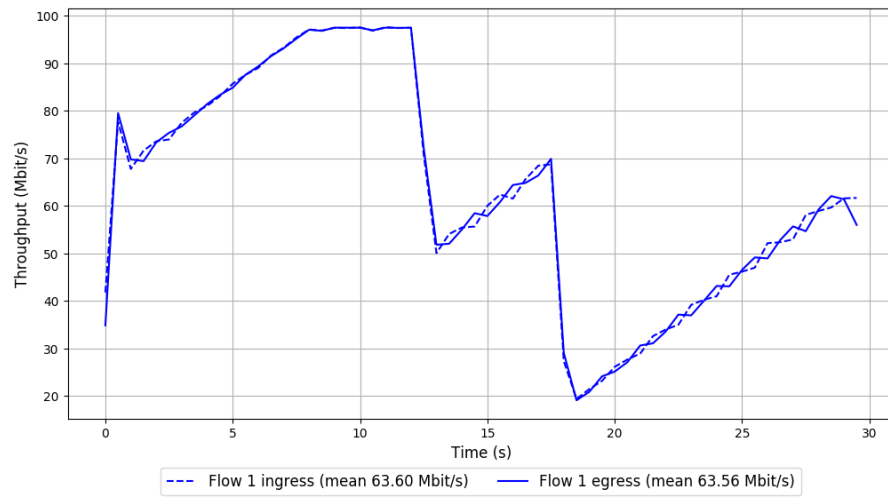
-- Flow 1:

Average throughput: 63.56 Mbit/s

95th percentile per-packet one-way delay: 25.438 ms

Loss rate: 0.25%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-02-02 10:42:16

End at: 2018-02-02 10:42:46

Local clock offset: 0.865 ms

Remote clock offset: 1.587 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.46 Mbit/s

95th percentile per-packet one-way delay: 31.389 ms

Loss rate: 0.08%

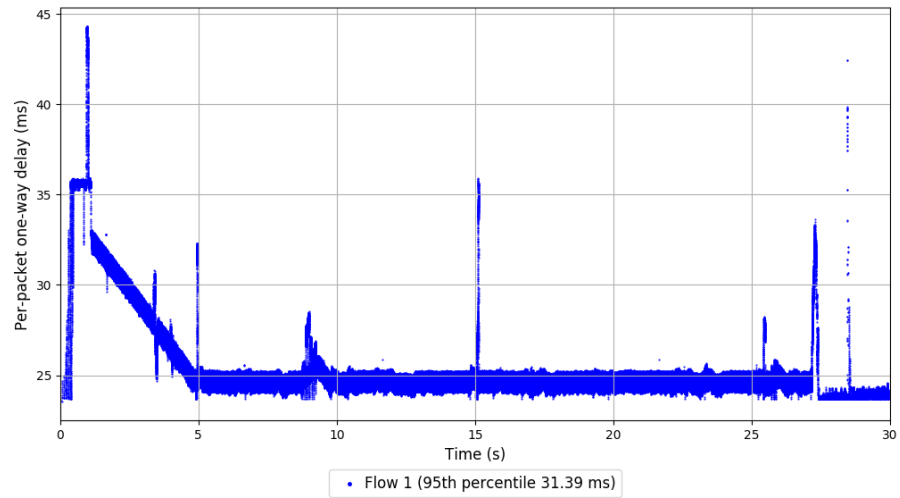
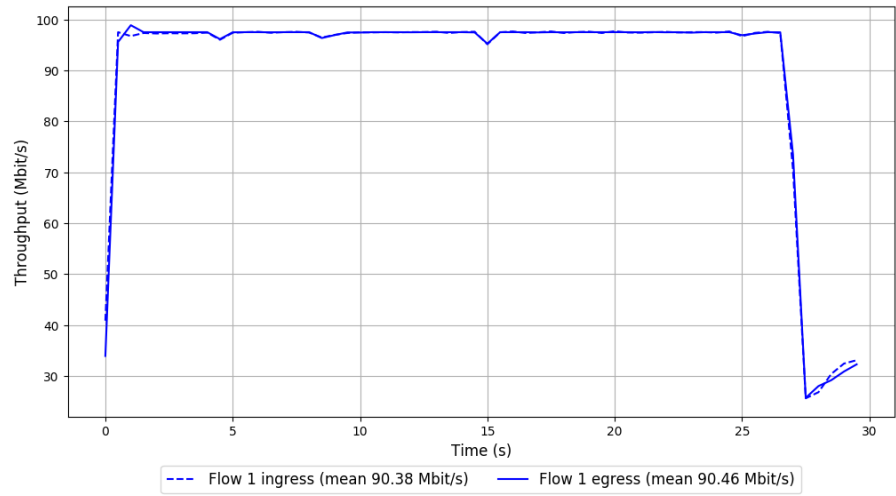
-- Flow 1:

Average throughput: 90.46 Mbit/s

95th percentile per-packet one-way delay: 31.389 ms

Loss rate: 0.08%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-02-02 11:06:16

End at: 2018-02-02 11:06:46

Local clock offset: 0.721 ms

Remote clock offset: 0.558 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.62 Mbit/s

95th percentile per-packet one-way delay: 35.680 ms

Loss rate: 0.20%

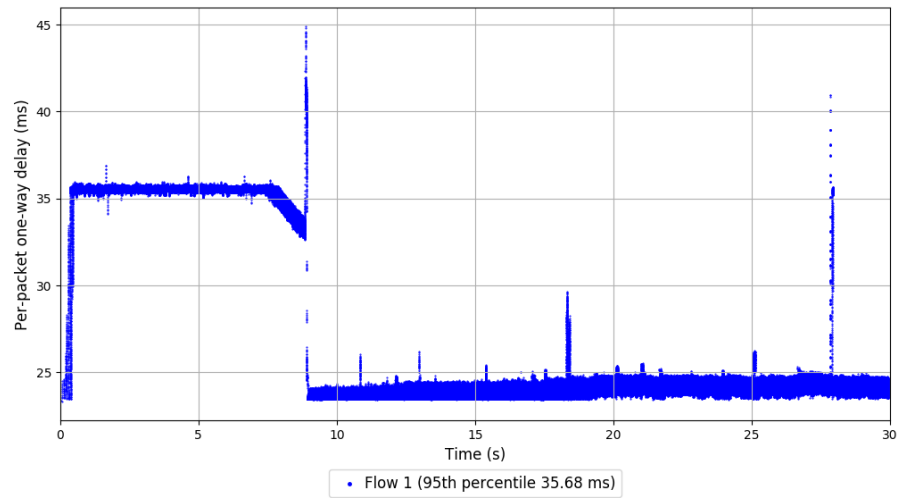
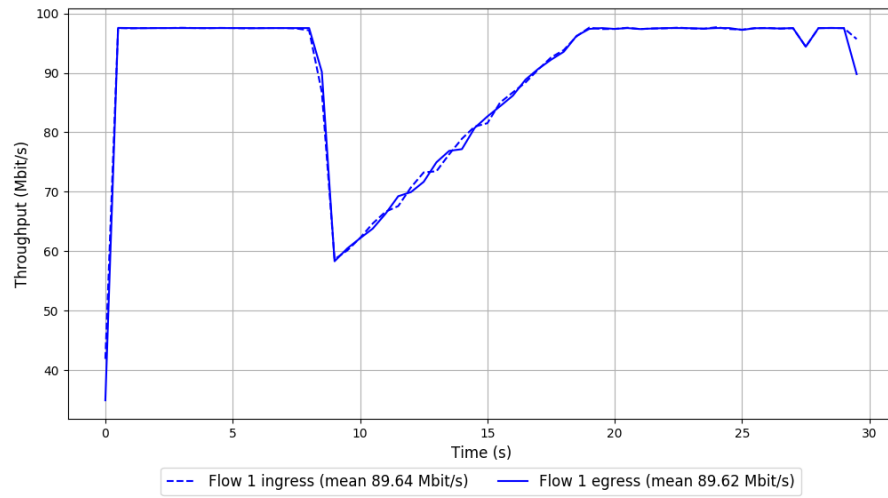
-- Flow 1:

Average throughput: 89.62 Mbit/s

95th percentile per-packet one-way delay: 35.680 ms

Loss rate: 0.20%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-02-02 11:30:15

End at: 2018-02-02 11:30:45

Local clock offset: 1.092 ms

Remote clock offset: 0.406 ms

Below is generated by plot.py at 2018-02-02 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.66 Mbit/s

95th percentile per-packet one-way delay: 32.801 ms

Loss rate: 0.22%

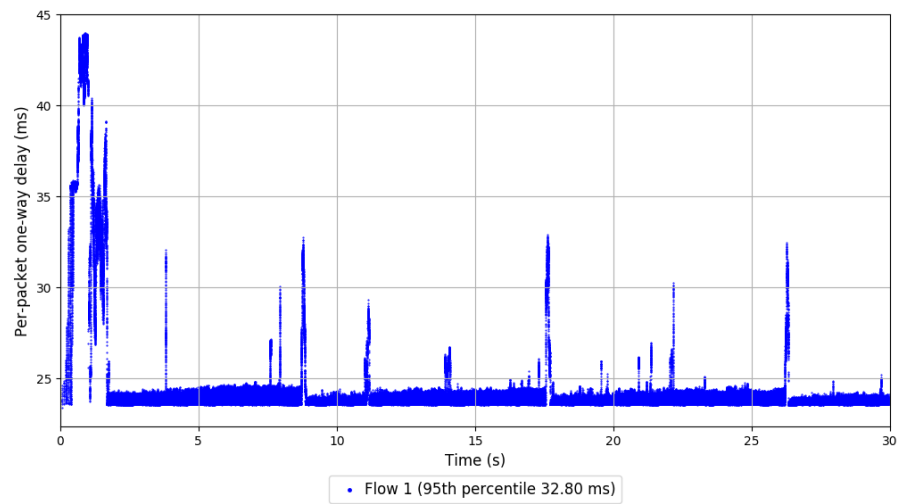
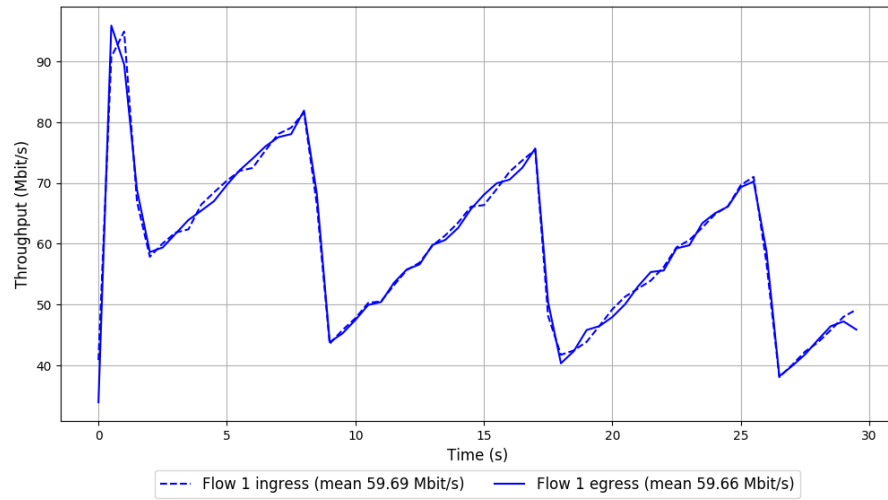
-- Flow 1:

Average throughput: 59.66 Mbit/s

95th percentile per-packet one-way delay: 32.801 ms

Loss rate: 0.22%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-02 11:54:21

End at: 2018-02-02 11:54:51

Local clock offset: 0.887 ms

Remote clock offset: 0.286 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.27 Mbit/s

95th percentile per-packet one-way delay: 31.729 ms

Loss rate: 0.22%

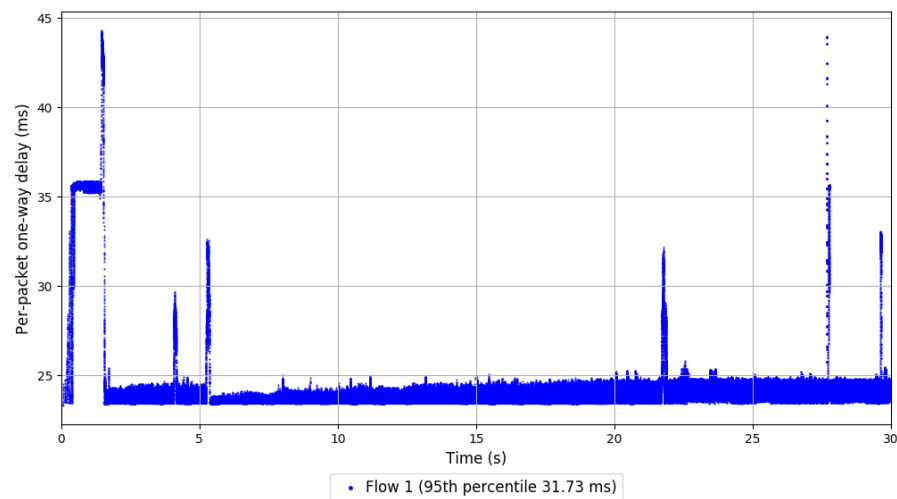
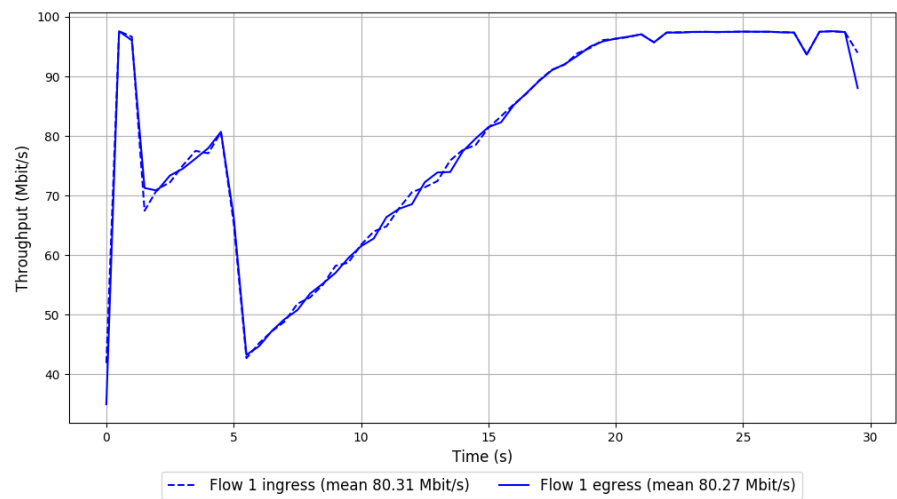
-- Flow 1:

Average throughput: 80.27 Mbit/s

95th percentile per-packet one-way delay: 31.729 ms

Loss rate: 0.22%

Run 8: Report of TCP Vegas — Data Link

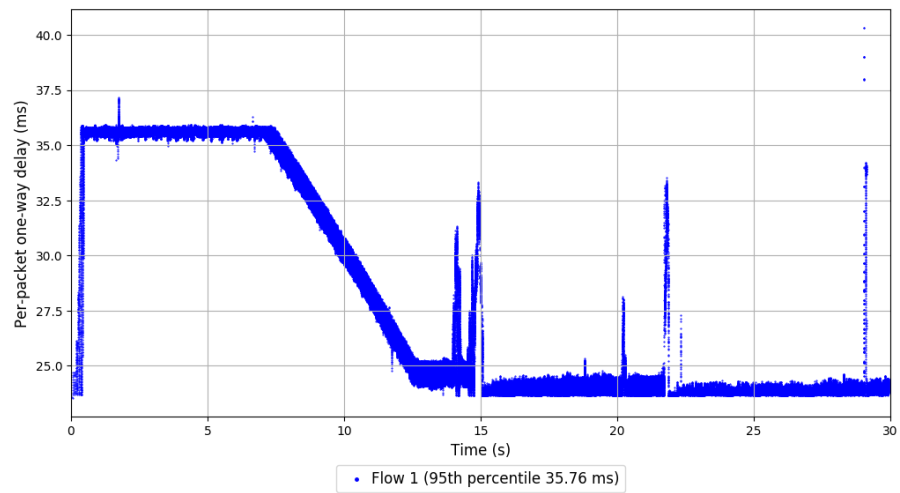
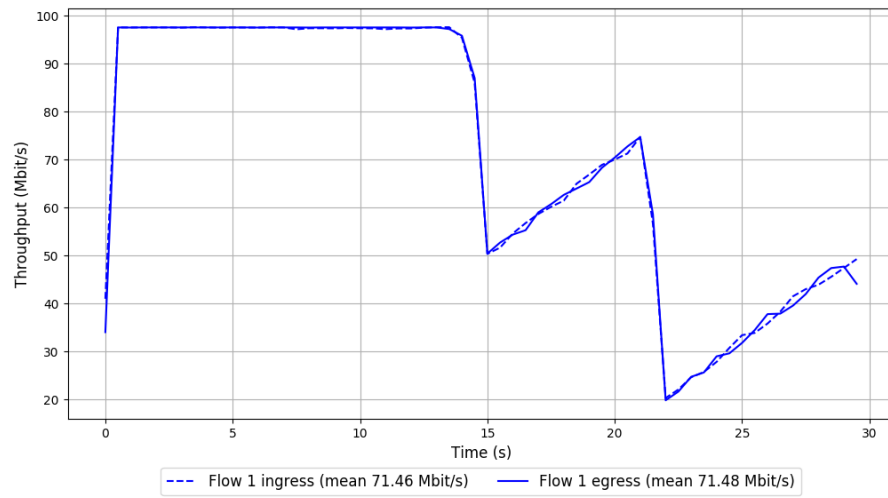


Run 9: Statistics of TCP Vegas

Start at: 2018-02-02 12:18:17
End at: 2018-02-02 12:18:47
Local clock offset: 0.949 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-02-02 17:09:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 35.758 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 71.48 Mbit/s
95th percentile per-packet one-way delay: 35.758 ms
Loss rate: 0.15%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-02 12:42:17

End at: 2018-02-02 12:42:47

Local clock offset: 1.082 ms

Remote clock offset: 0.347 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.65 Mbit/s

95th percentile per-packet one-way delay: 25.321 ms

Loss rate: 0.30%

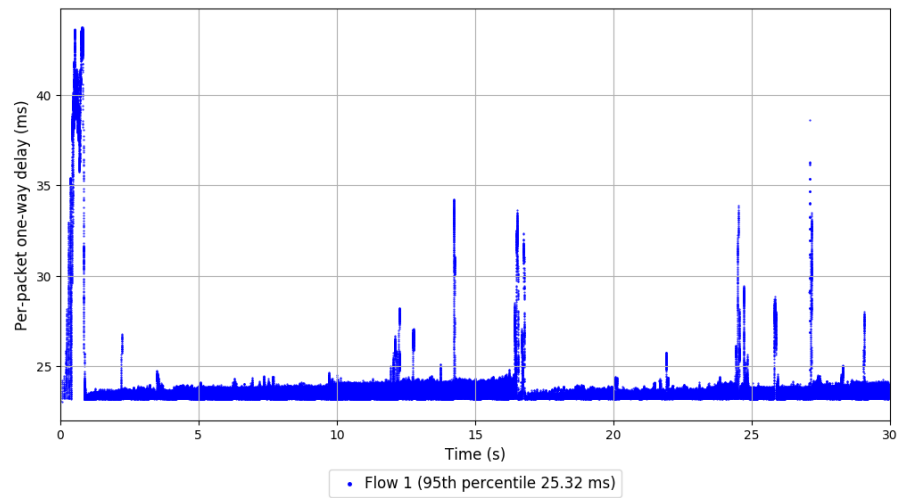
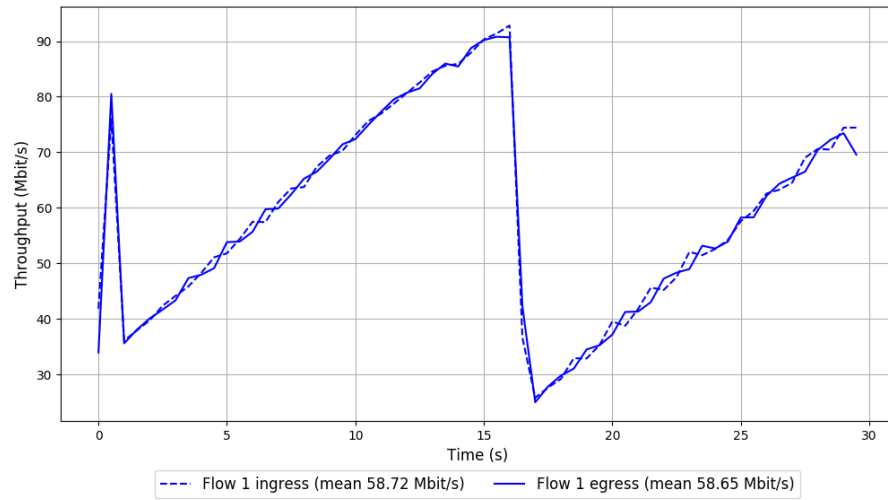
-- Flow 1:

Average throughput: 58.65 Mbit/s

95th percentile per-packet one-way delay: 25.321 ms

Loss rate: 0.30%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-02 08:59:38

End at: 2018-02-02 09:00:08

Local clock offset: 0.074 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-02-02 17:09:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 40.638 ms

Loss rate: 0.12%

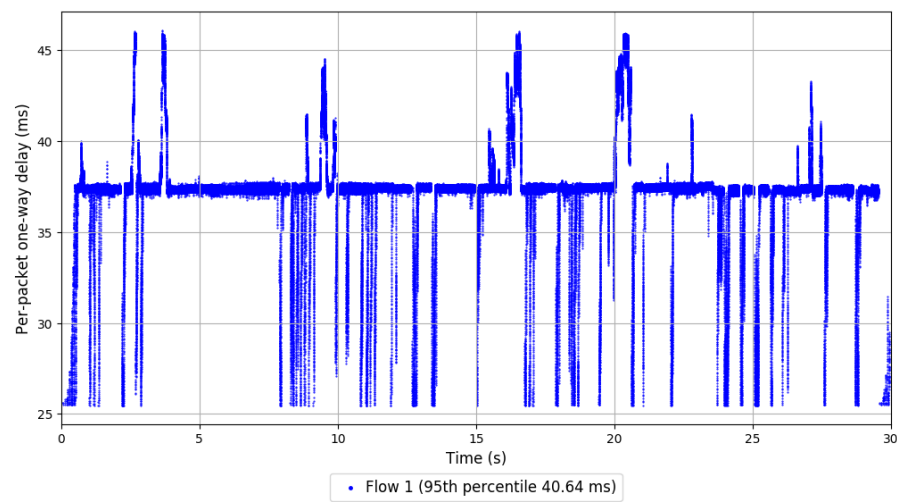
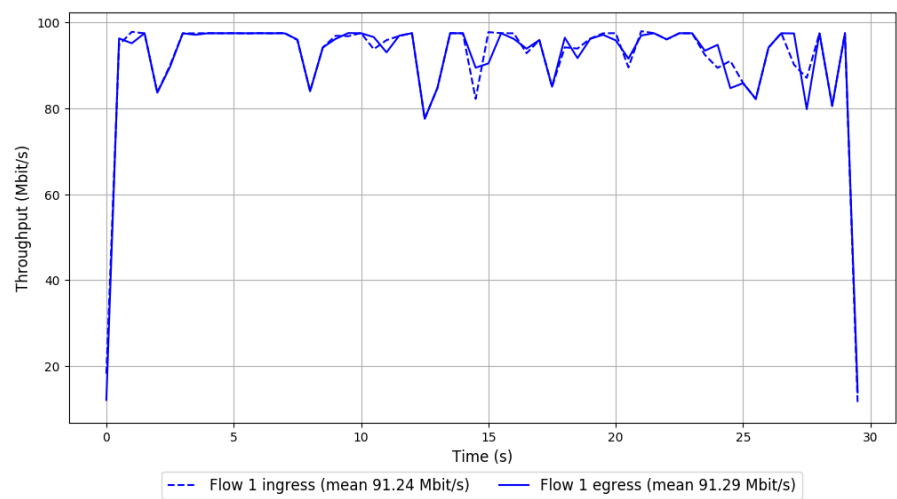
-- Flow 1:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 40.638 ms

Loss rate: 0.12%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-02-02 09:23:41

End at: 2018-02-02 09:24:11

Local clock offset: 0.361 ms

Remote clock offset: 2.084 ms

Below is generated by plot.py at 2018-02-02 17:09:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.81 Mbit/s

95th percentile per-packet one-way delay: 37.597 ms

Loss rate: 0.30%

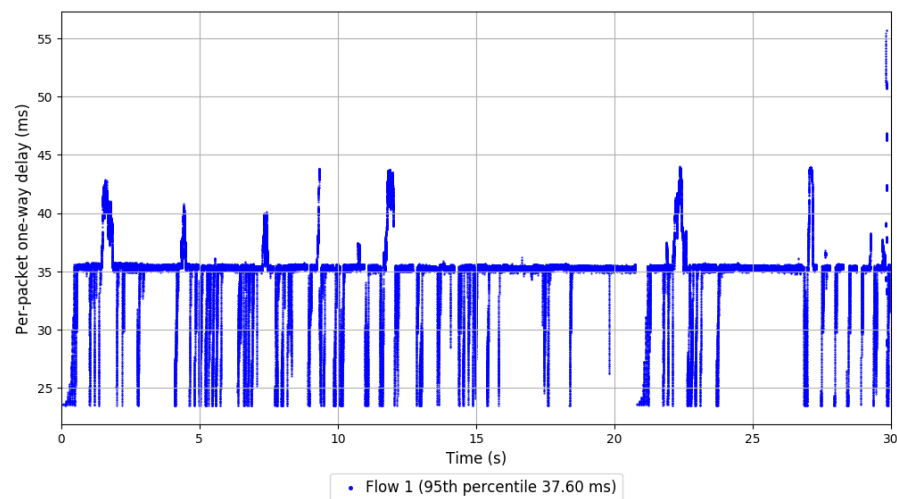
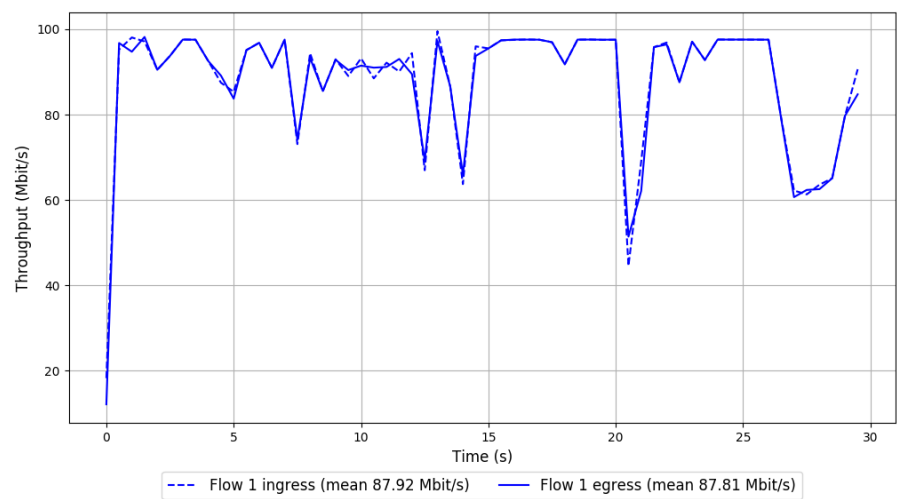
-- Flow 1:

Average throughput: 87.81 Mbit/s

95th percentile per-packet one-way delay: 37.597 ms

Loss rate: 0.30%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-02-02 09:47:34

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

Local clock offset: 0.654 ms

Remote clock offset: 2.498 ms

Below is generated by plot.py at 2018-02-02 17:09:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 38.173 ms

Loss rate: 0.35%

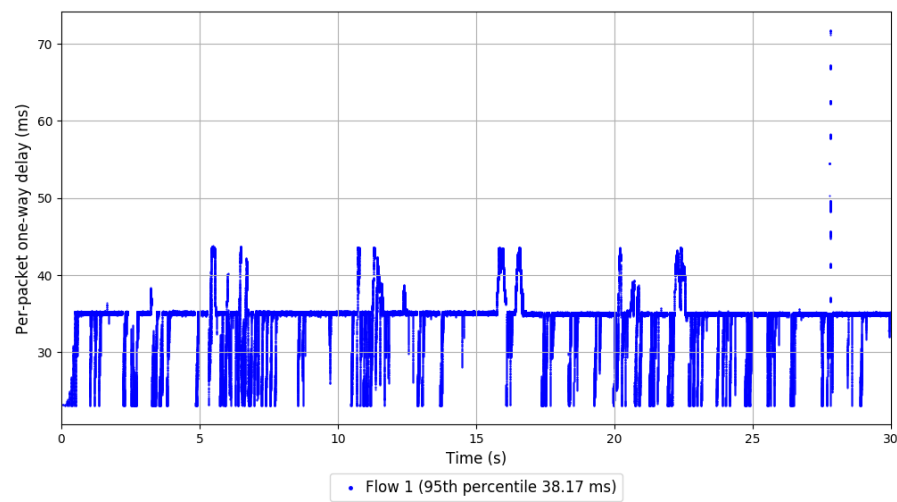
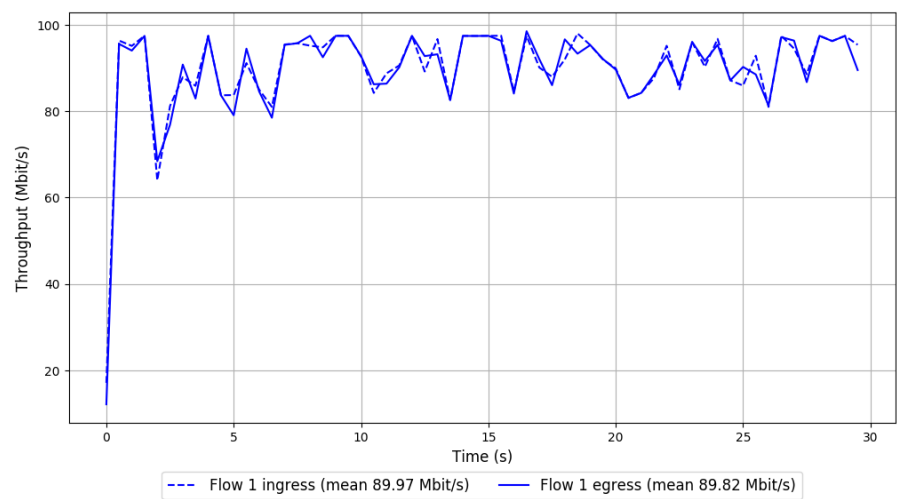
-- Flow 1:

Average throughput: 89.82 Mbit/s

95th percentile per-packet one-way delay: 38.173 ms

Loss rate: 0.35%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-02-02 10:11:32

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

Local clock offset: 0.873 ms

Remote clock offset: 2.005 ms

Below is generated by plot.py at 2018-02-02 17:10:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.26 Mbit/s

95th percentile per-packet one-way delay: 35.708 ms

Loss rate: 0.24%

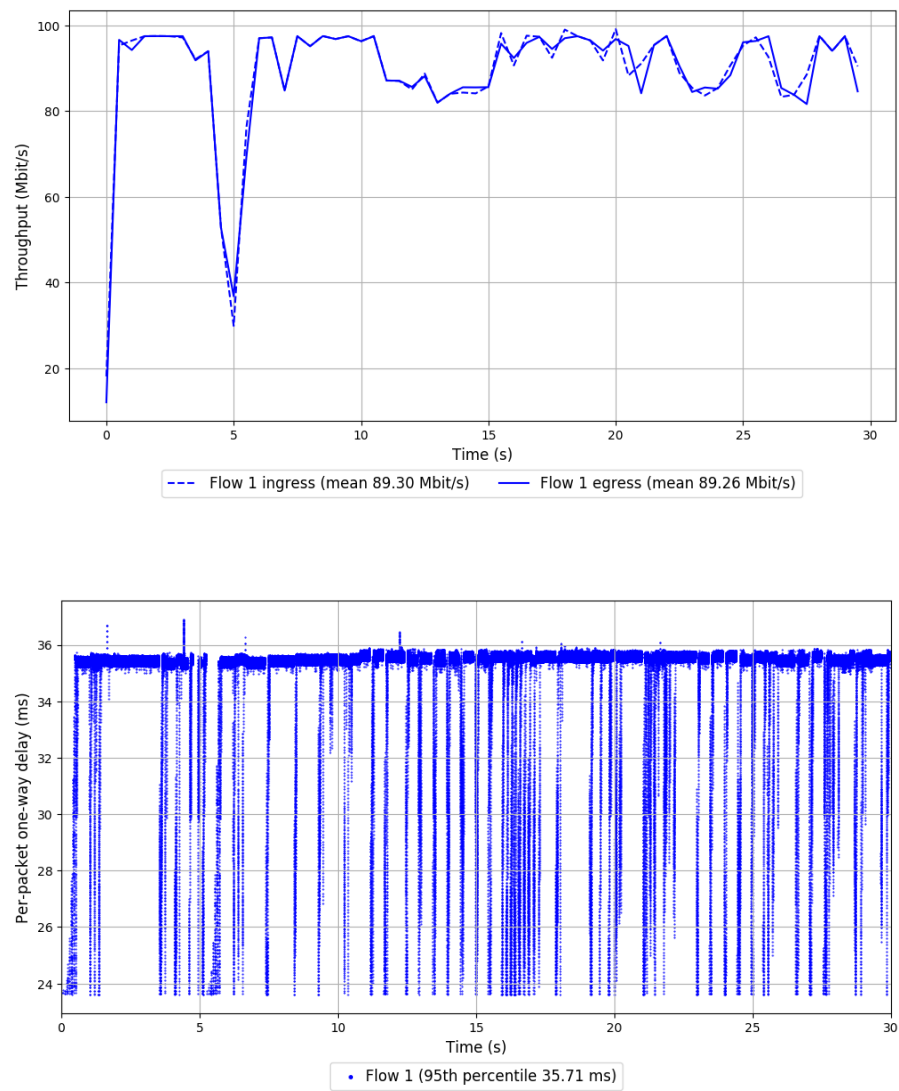
-- Flow 1:

Average throughput: 89.26 Mbit/s

95th percentile per-packet one-way delay: 35.708 ms

Loss rate: 0.24%

Run 4: Report of Verus — Data Link

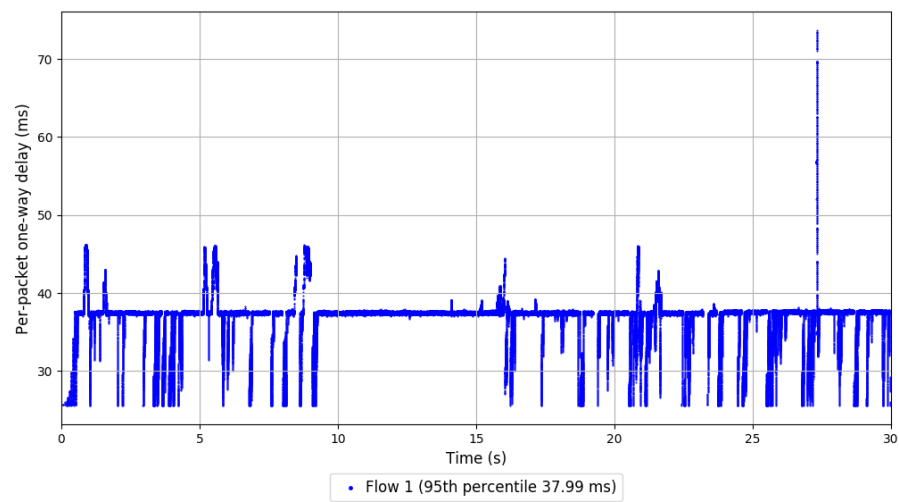
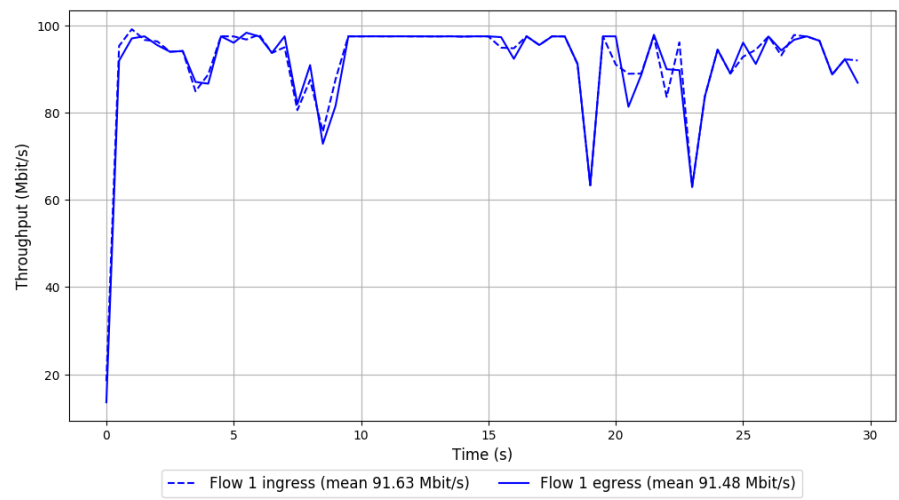


Run 5: Statistics of Verus

Start at: 2018-02-02 10:35:31
End at: 2018-02-02 10:36:01
Local clock offset: 0.802 ms
Remote clock offset: -0.242 ms

Below is generated by plot.py at 2018-02-02 17:10:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 37.989 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 37.989 ms
Loss rate: 0.33%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-02 10:59:30

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

Local clock offset: 0.785 ms

Remote clock offset: 0.831 ms

Below is generated by plot.py at 2018-02-02 17:10:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.10 Mbit/s

95th percentile per-packet one-way delay: 35.777 ms

Loss rate: 0.24%

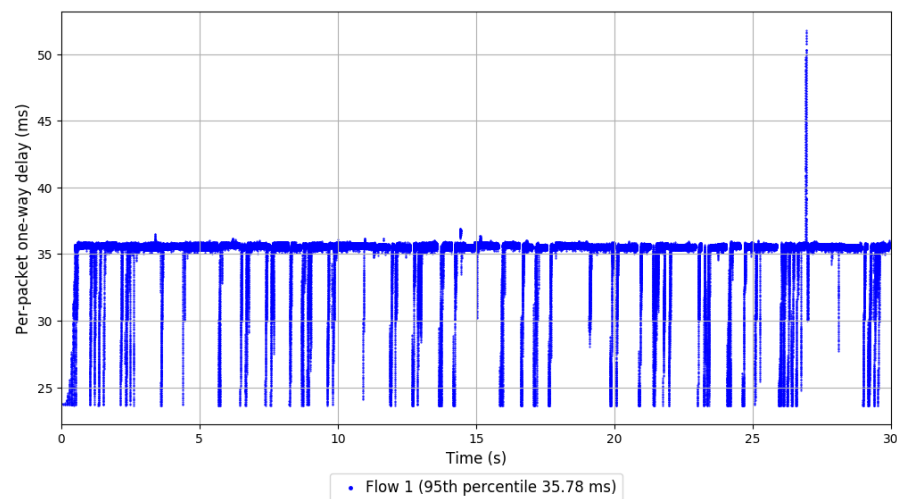
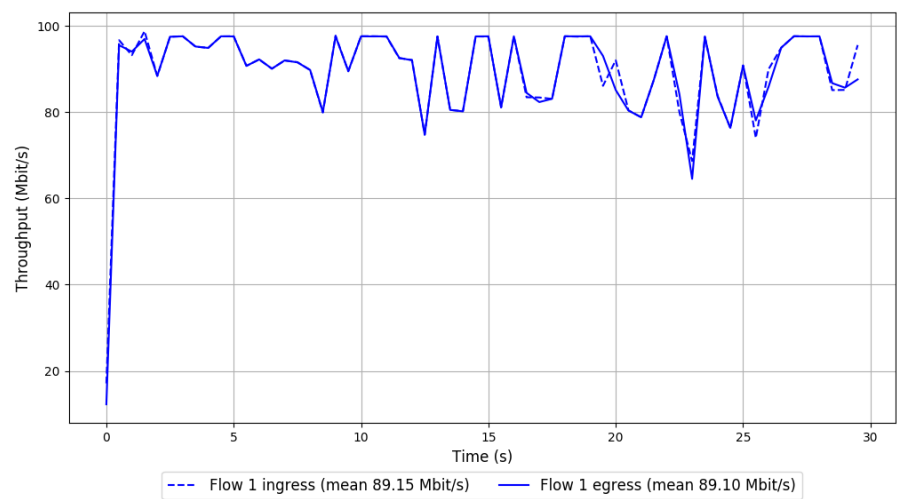
-- Flow 1:

Average throughput: 89.10 Mbit/s

95th percentile per-packet one-way delay: 35.777 ms

Loss rate: 0.24%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-02 11:23:29

End at: 2018-02-02 11:23:59

Local clock offset: 0.985 ms

Remote clock offset: 0.887 ms

Below is generated by plot.py at 2018-02-02 17:10:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.05 Mbit/s

95th percentile per-packet one-way delay: 35.042 ms

Loss rate: 0.29%

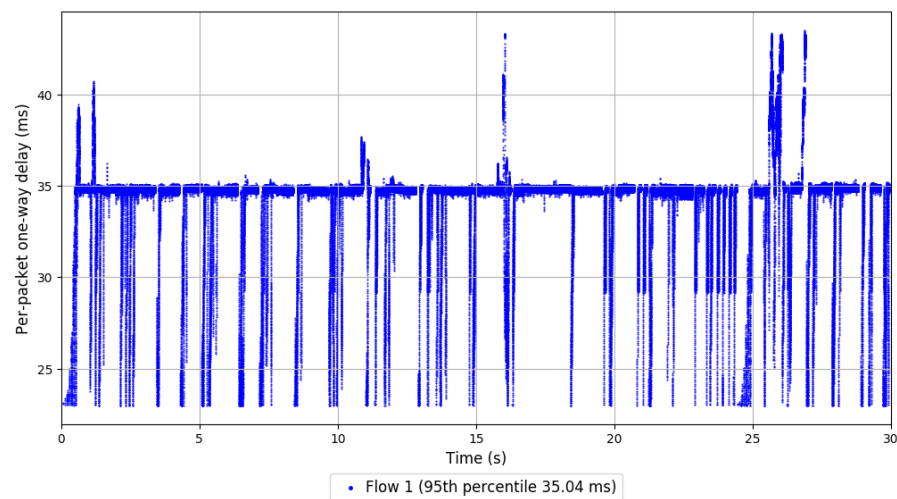
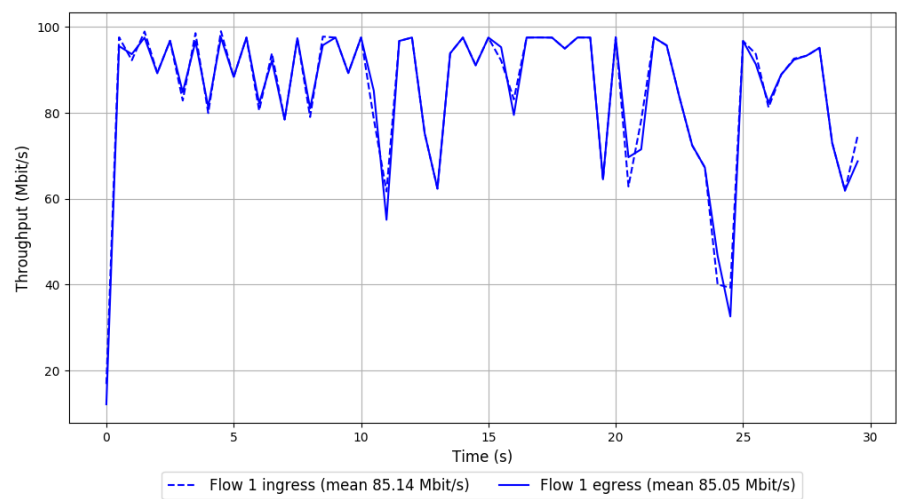
-- Flow 1:

Average throughput: 85.05 Mbit/s

95th percentile per-packet one-way delay: 35.042 ms

Loss rate: 0.29%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-02-02 11:47:36

End at: 2018-02-02 11:48:06

Local clock offset: 1.044 ms

Remote clock offset: 0.726 ms

Below is generated by plot.py at 2018-02-02 17:10:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.09 Mbit/s

95th percentile per-packet one-way delay: 35.272 ms

Loss rate: 0.29%

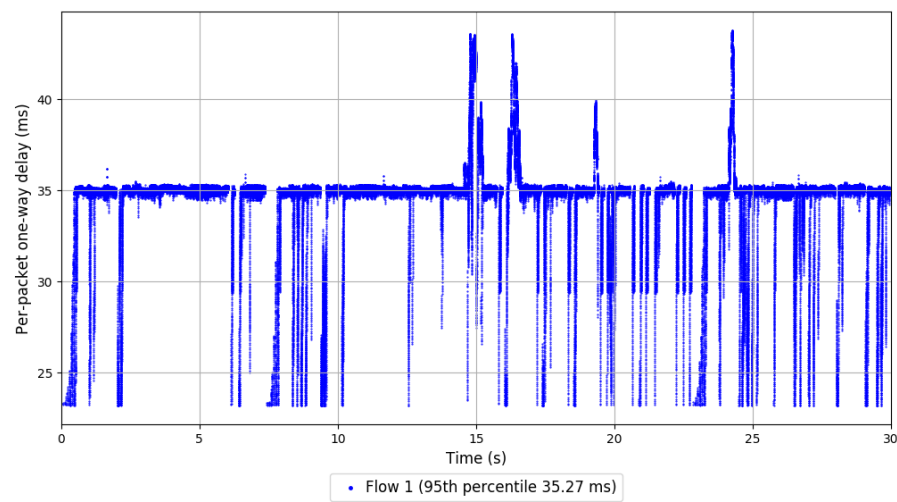
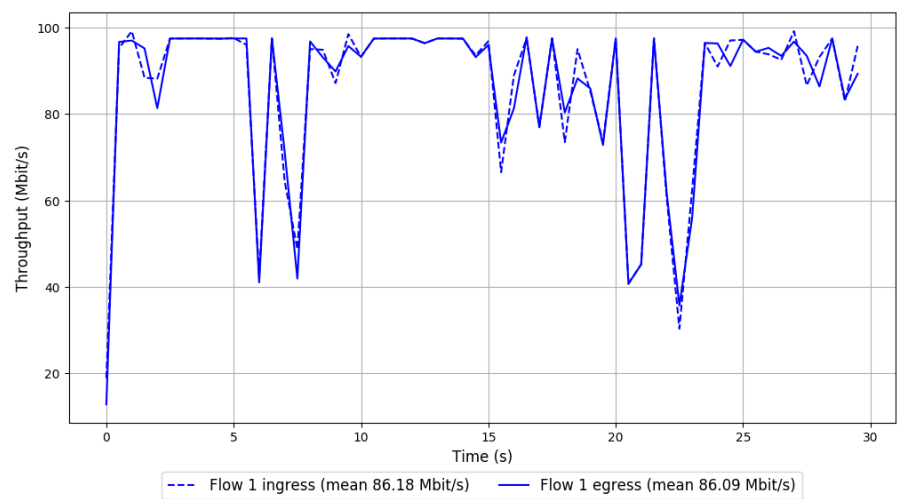
-- Flow 1:

Average throughput: 86.09 Mbit/s

95th percentile per-packet one-way delay: 35.272 ms

Loss rate: 0.29%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-02 12:11:33

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

Local clock offset: 0.822 ms

Remote clock offset: -2.15 ms

Below is generated by plot.py at 2018-02-02 17:10:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.30 Mbit/s

95th percentile per-packet one-way delay: 37.813 ms

Loss rate: 0.24%

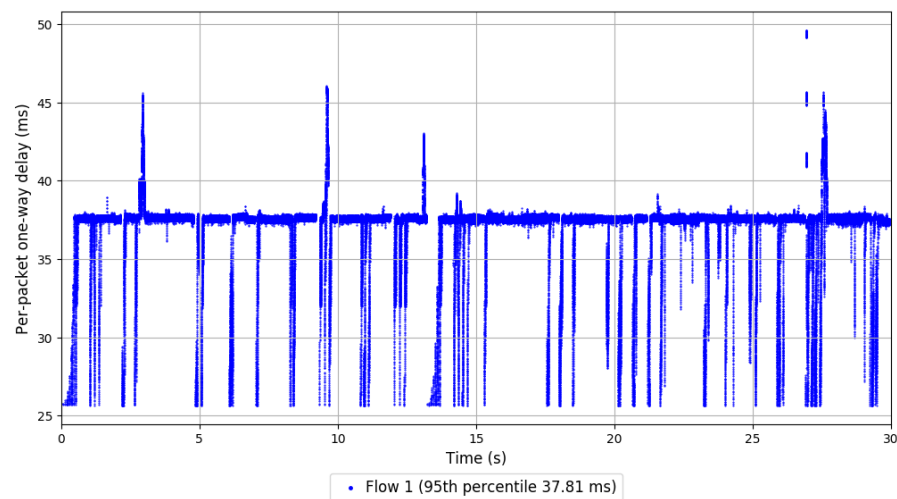
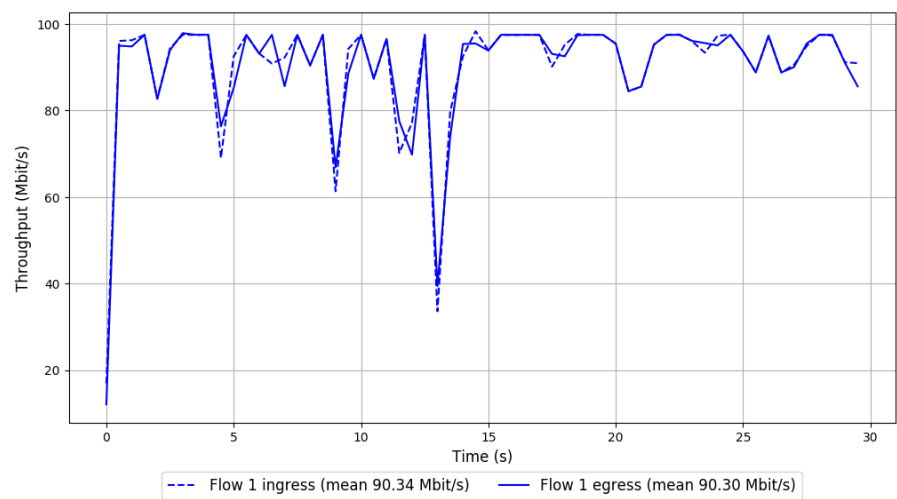
-- Flow 1:

Average throughput: 90.30 Mbit/s

95th percentile per-packet one-way delay: 37.813 ms

Loss rate: 0.24%

Run 9: Report of Verus — Data Link

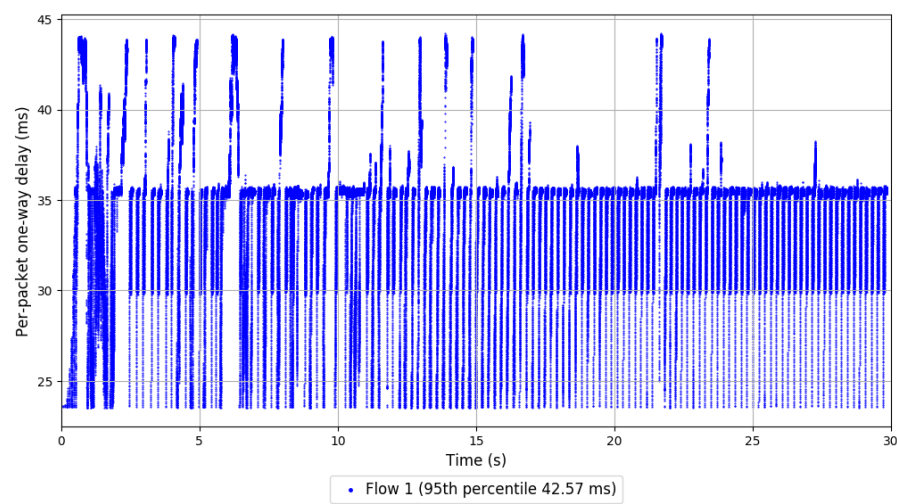
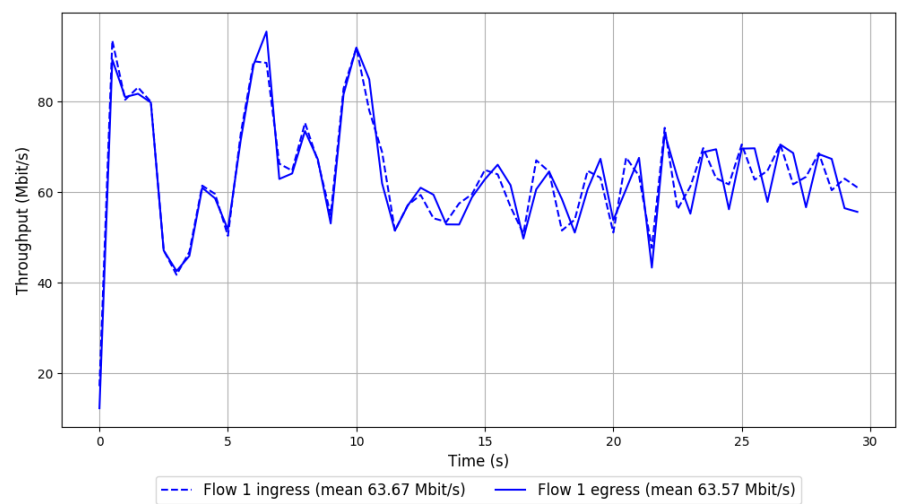


Run 10: Statistics of Verus

Start at: 2018-02-02 12:35:31
End at: 2018-02-02 12:36:01
Local clock offset: 0.949 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-02-02 17:10:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.57 Mbit/s
95th percentile per-packet one-way delay: 42.568 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 63.57 Mbit/s
95th percentile per-packet one-way delay: 42.568 ms
Loss rate: 0.59%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-02 08:51:36

End at: 2018-02-02 08:52:06

Local clock offset: 0.016 ms

Remote clock offset: 1.735 ms

Below is generated by plot.py at 2018-02-02 17:11:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.11 Mbit/s

95th percentile per-packet one-way delay: 26.995 ms

Loss rate: 0.24%

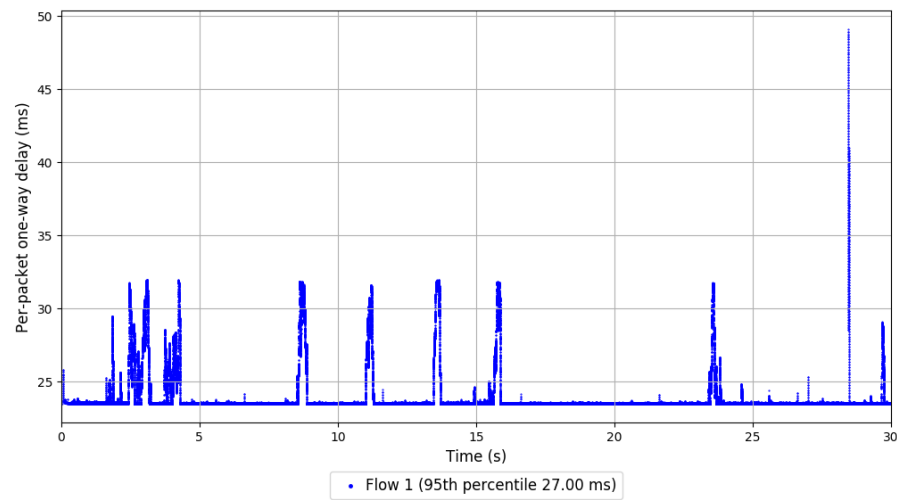
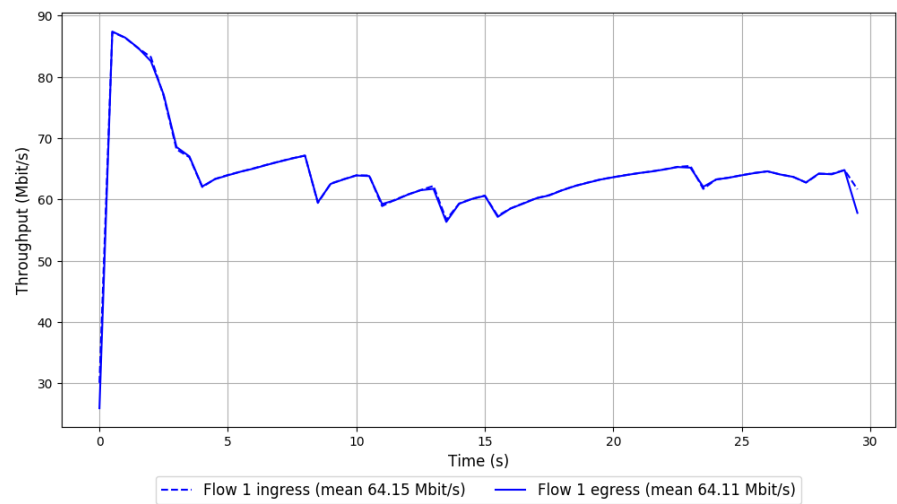
-- Flow 1:

Average throughput: 64.11 Mbit/s

95th percentile per-packet one-way delay: 26.995 ms

Loss rate: 0.24%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-02-02 09:15:42

End at: 2018-02-02 09:16:12

Local clock offset: 0.335 ms

Remote clock offset: 2.083 ms

Below is generated by plot.py at 2018-02-02 17:11:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.08 Mbit/s

95th percentile per-packet one-way delay: 23.923 ms

Loss rate: 0.22%

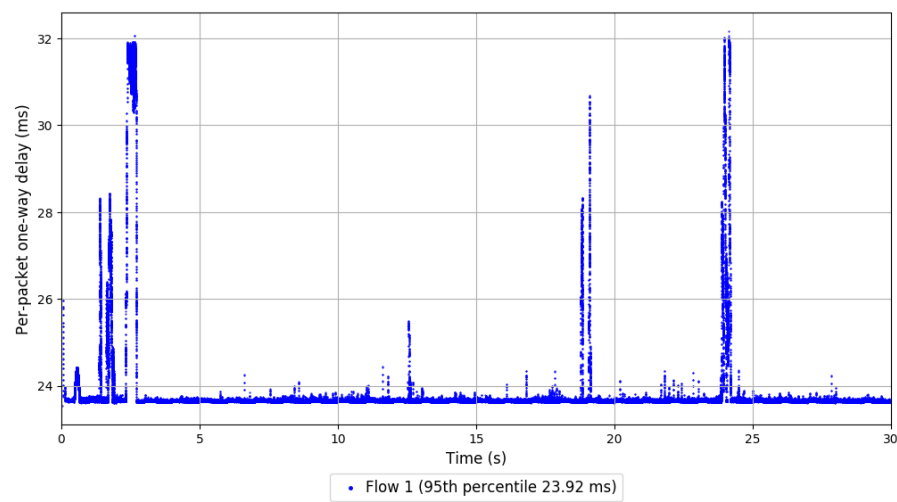
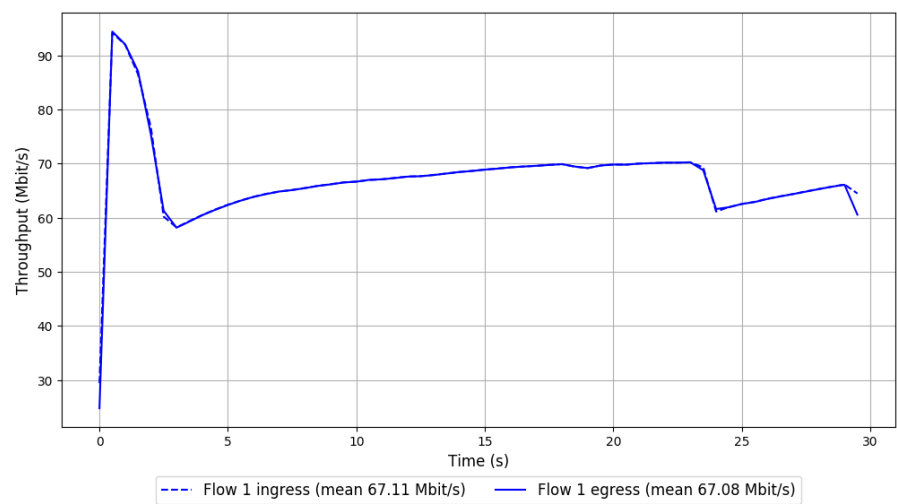
-- Flow 1:

Average throughput: 67.08 Mbit/s

95th percentile per-packet one-way delay: 23.923 ms

Loss rate: 0.22%

Run 2: Report of Copa — Data Link

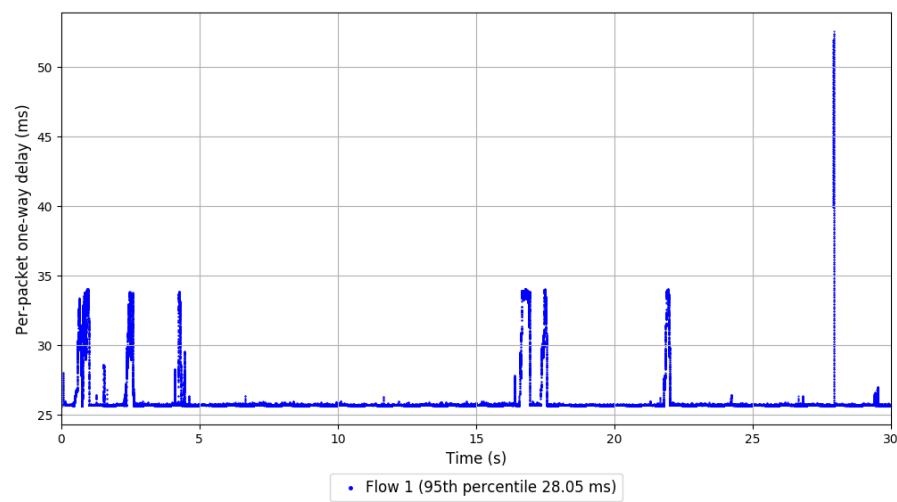
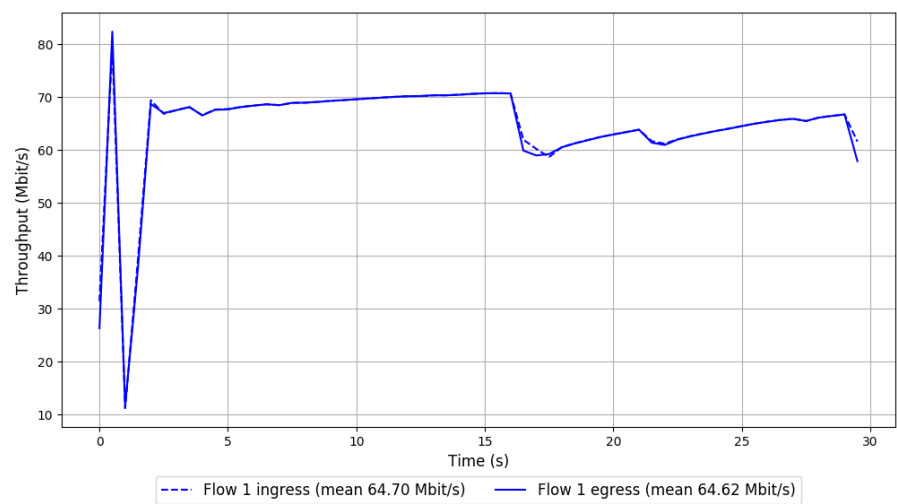


Run 3: Statistics of Copa

Start at: 2018-02-02 09:39:37
End at: 2018-02-02 09:40:07
Local clock offset: 0.64 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2018-02-02 17:11:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.62 Mbit/s
95th percentile per-packet one-way delay: 28.051 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 64.62 Mbit/s
95th percentile per-packet one-way delay: 28.051 ms
Loss rate: 0.31%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-02 10:03:33

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

Local clock offset: 0.822 ms

Remote clock offset: 2.541 ms

Below is generated by plot.py at 2018-02-02 17:12:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.02 Mbit/s

95th percentile per-packet one-way delay: 23.190 ms

Loss rate: 0.17%

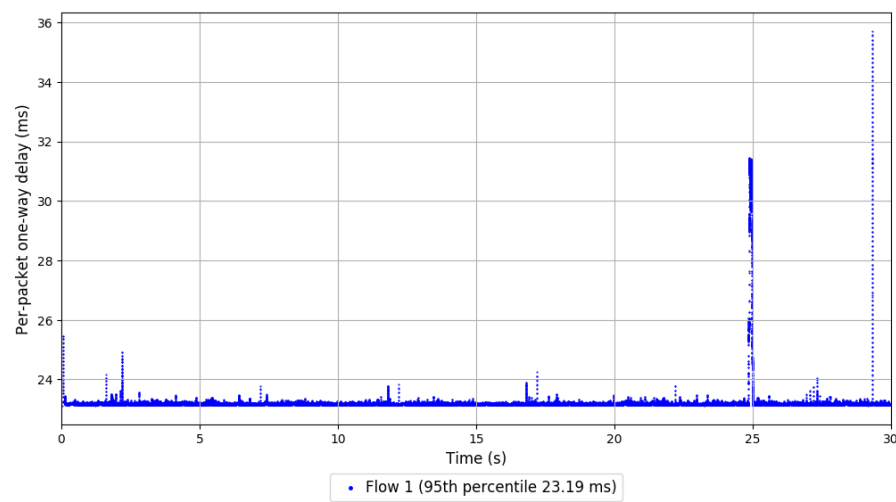
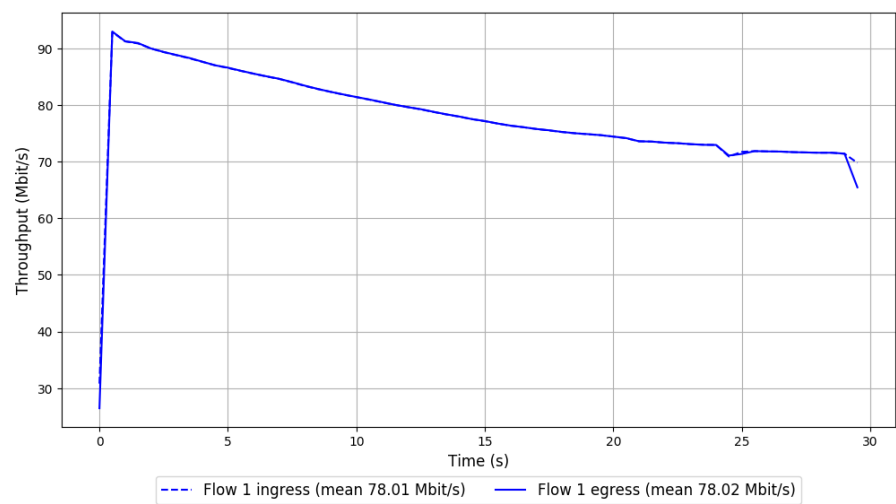
-- Flow 1:

Average throughput: 78.02 Mbit/s

95th percentile per-packet one-way delay: 23.190 ms

Loss rate: 0.17%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-02-02 10:27:28

End at: 2018-02-02 10:27:58

Local clock offset: 0.761 ms

Remote clock offset: 1.899 ms

Below is generated by plot.py at 2018-02-02 17:12:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.30 Mbit/s

95th percentile per-packet one-way delay: 23.537 ms

Loss rate: 0.20%

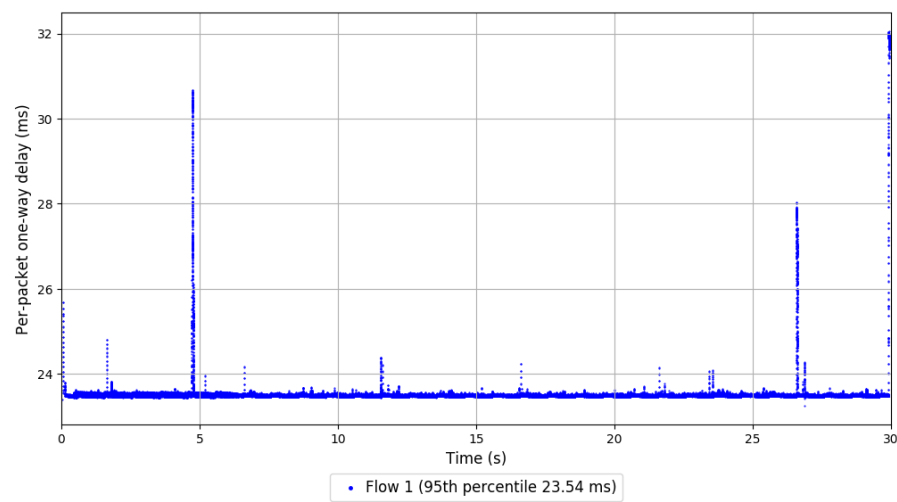
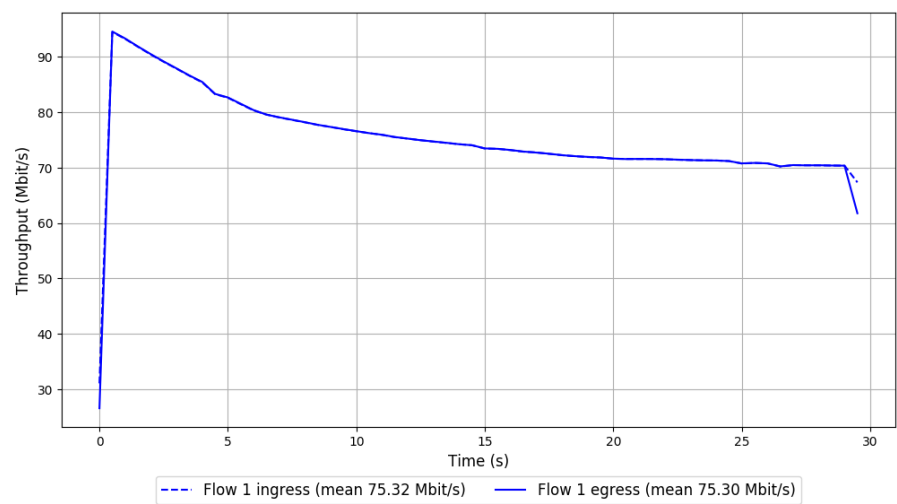
-- Flow 1:

Average throughput: 75.30 Mbit/s

95th percentile per-packet one-way delay: 23.537 ms

Loss rate: 0.20%

Run 5: Report of Copa — Data Link

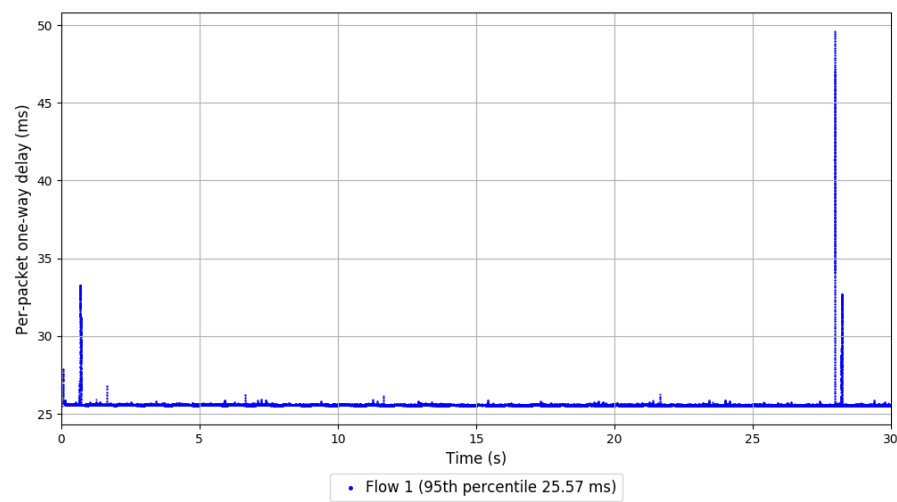
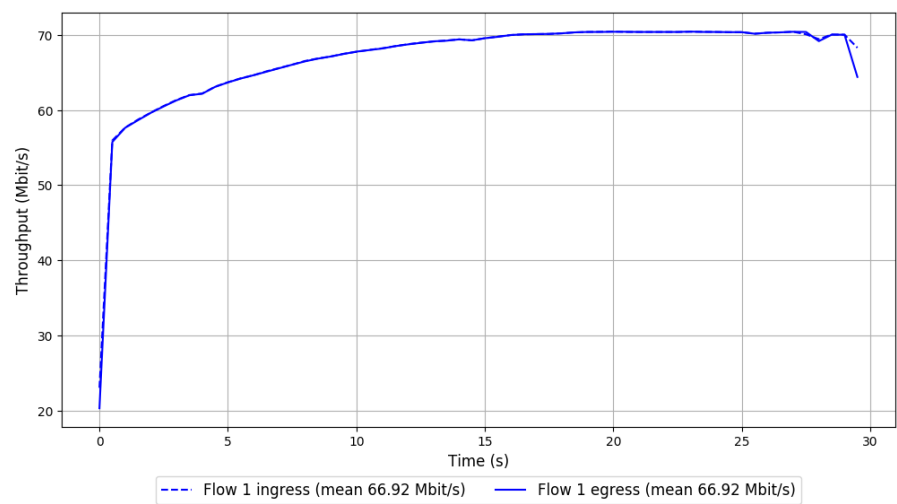


Run 6: Statistics of Copa

Start at: 2018-02-02 10:51:31
End at: 2018-02-02 10:52:01
Local clock offset: 0.751 ms
Remote clock offset: -0.607 ms

Below is generated by plot.py at 2018-02-02 17:12:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.92 Mbit/s
95th percentile per-packet one-way delay: 25.571 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 66.92 Mbit/s
95th percentile per-packet one-way delay: 25.571 ms
Loss rate: 0.19%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-02 11:15:29

End at: 2018-02-02 11:15:59

Local clock offset: 0.927 ms

Remote clock offset: 0.426 ms

Below is generated by plot.py at 2018-02-02 17:12:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.29 Mbit/s

95th percentile per-packet one-way delay: 26.546 ms

Loss rate: 0.24%

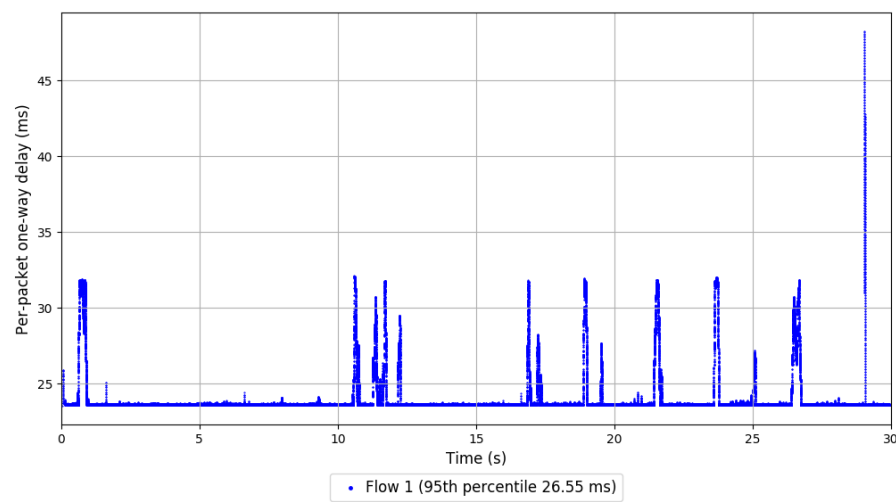
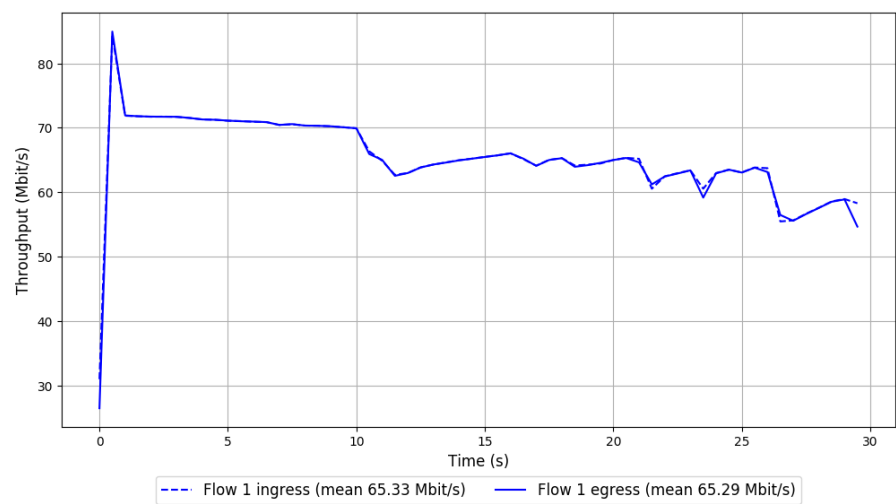
-- Flow 1:

Average throughput: 65.29 Mbit/s

95th percentile per-packet one-way delay: 26.546 ms

Loss rate: 0.24%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-02 11:39:32

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

Local clock offset: 0.972 ms

Remote clock offset: 0.359 ms

Below is generated by plot.py at 2018-02-02 17:12:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 23.562 ms

Loss rate: 0.21%

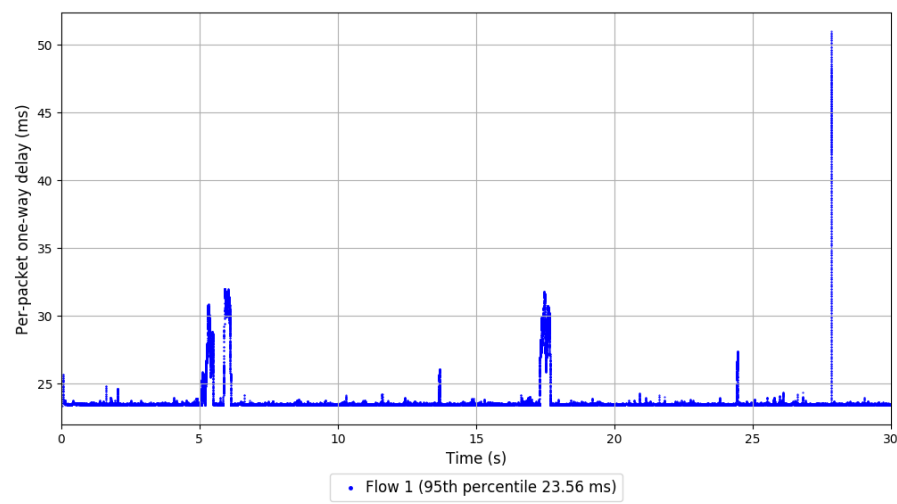
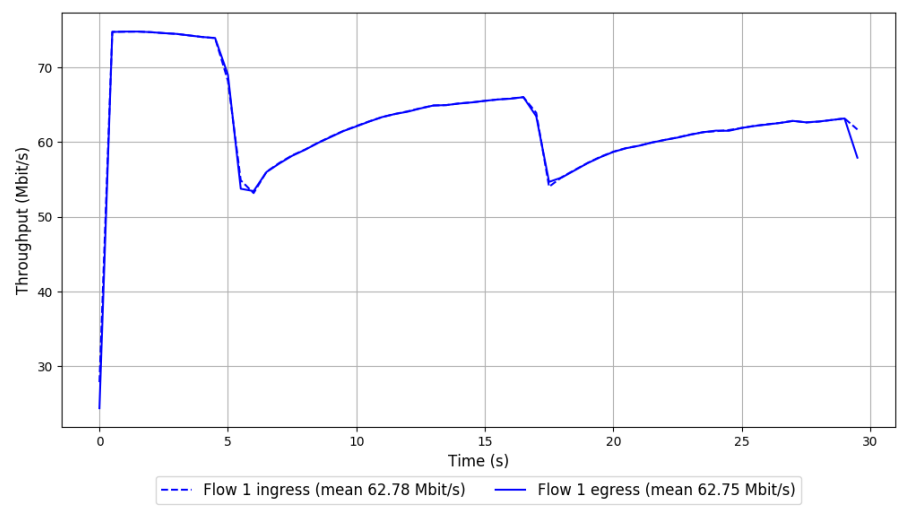
-- Flow 1:

Average throughput: 62.75 Mbit/s

95th percentile per-packet one-way delay: 23.562 ms

Loss rate: 0.21%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-02 12:03:34

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

Local clock offset: 0.956 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at 2018-02-02 17:13:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.28 Mbit/s

95th percentile per-packet one-way delay: 23.736 ms

Loss rate: 0.17%

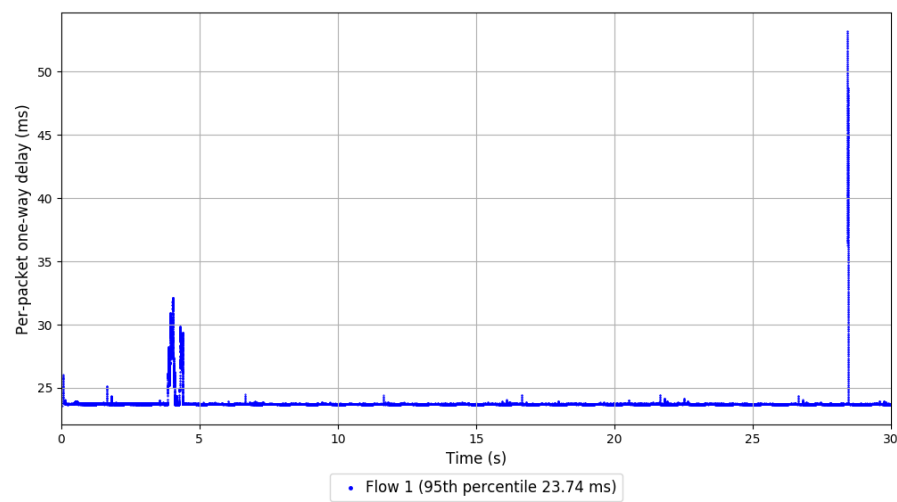
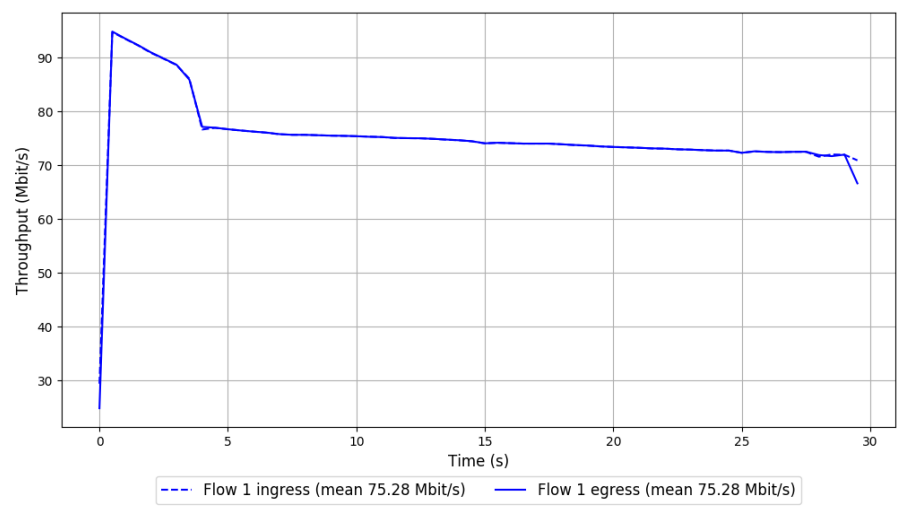
-- Flow 1:

Average throughput: 75.28 Mbit/s

95th percentile per-packet one-way delay: 23.736 ms

Loss rate: 0.17%

Run 9: Report of Copa — Data Link

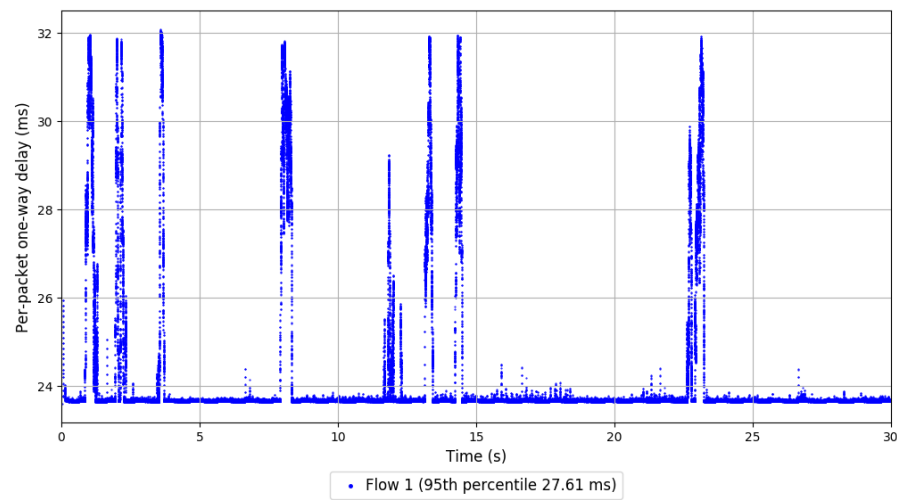
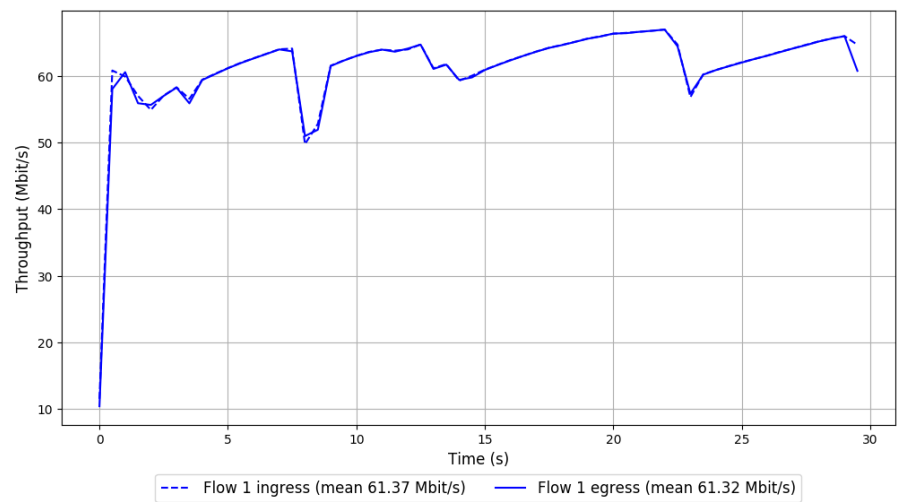


Run 10: Statistics of Copa

Start at: 2018-02-02 12:27:31
End at: 2018-02-02 12:28:01
Local clock offset: 1.0 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-02-02 17:13:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 27.609 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 61.32 Mbit/s
95th percentile per-packet one-way delay: 27.609 ms
Loss rate: 0.26%

Run 10: Report of Copa — Data Link

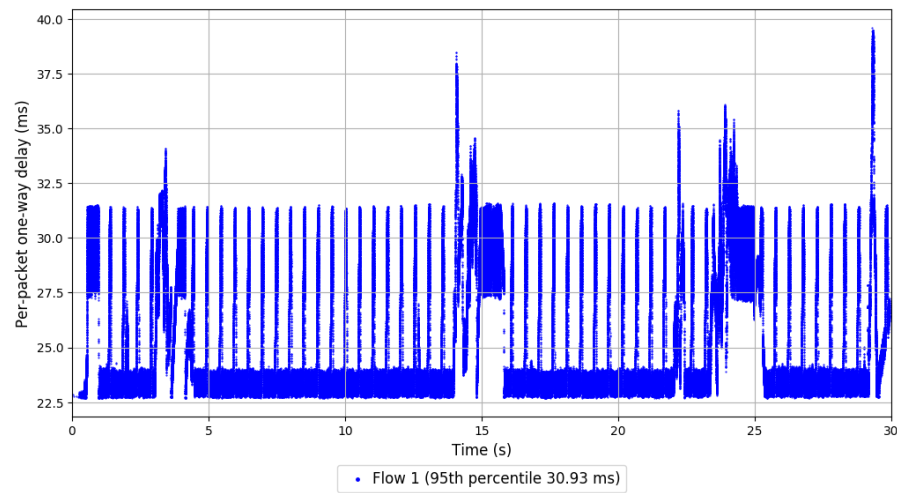
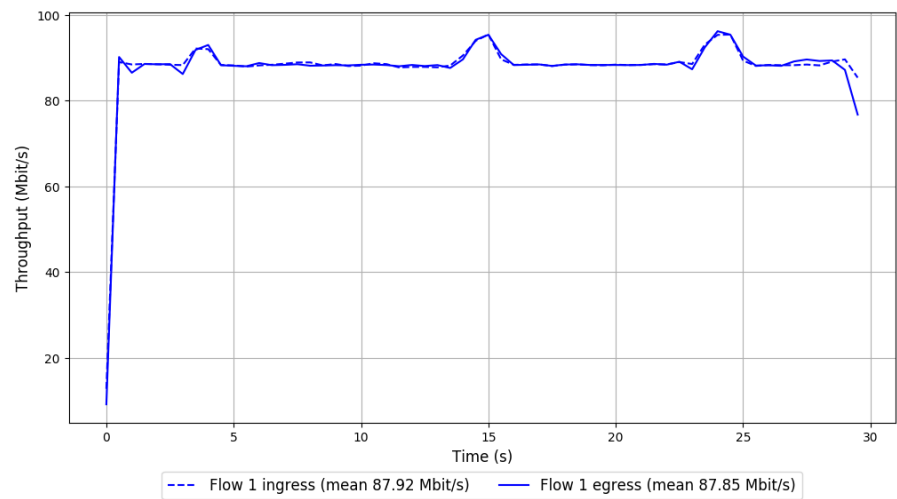


```
Run 1: Statistics of FillP

Start at: 2018-02-02 08:58:17
End at: 2018-02-02 08:58:47
Local clock offset: 0.066 ms
Remote clock offset: 2.383 ms

# Below is generated by plot.py at 2018-02-02 17:14:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 30.935 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 30.935 ms
Loss rate: 0.26%
```

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-02-02 09:22:20

End at: 2018-02-02 09:22:50

Local clock offset: 0.432 ms

Remote clock offset: 2.138 ms

Below is generated by plot.py at 2018-02-02 17:14:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.61 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 0.24%

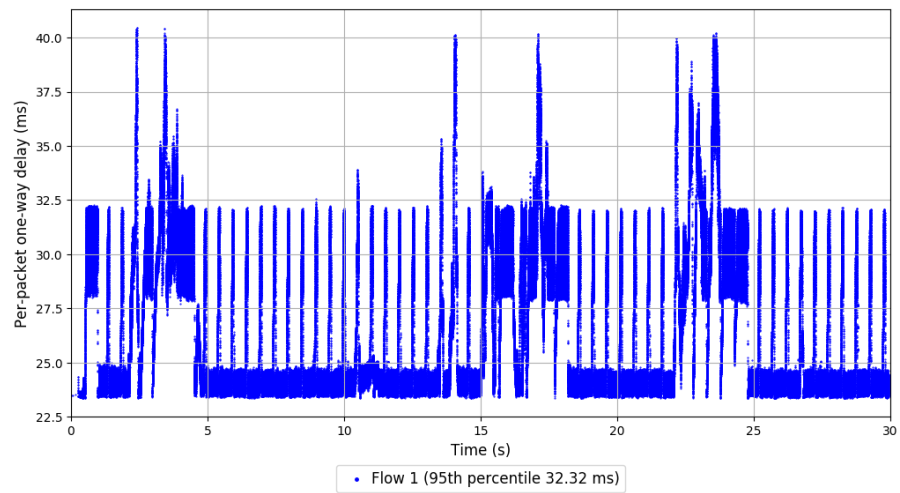
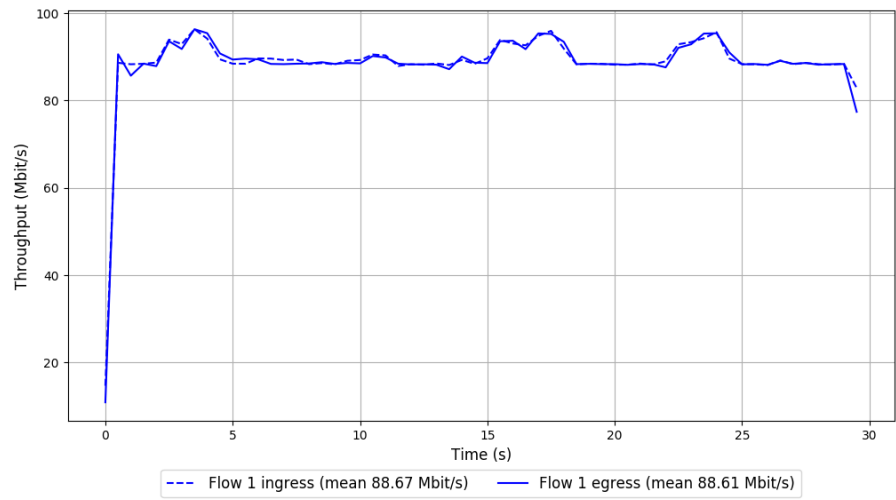
-- Flow 1:

Average throughput: 88.61 Mbit/s

95th percentile per-packet one-way delay: 32.322 ms

Loss rate: 0.24%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-02-02 09:46:13

End at: 2018-02-02 09:46:43

Local clock offset: 0.731 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2018-02-02 17:14:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: 35.683 ms

Loss rate: 0.26%

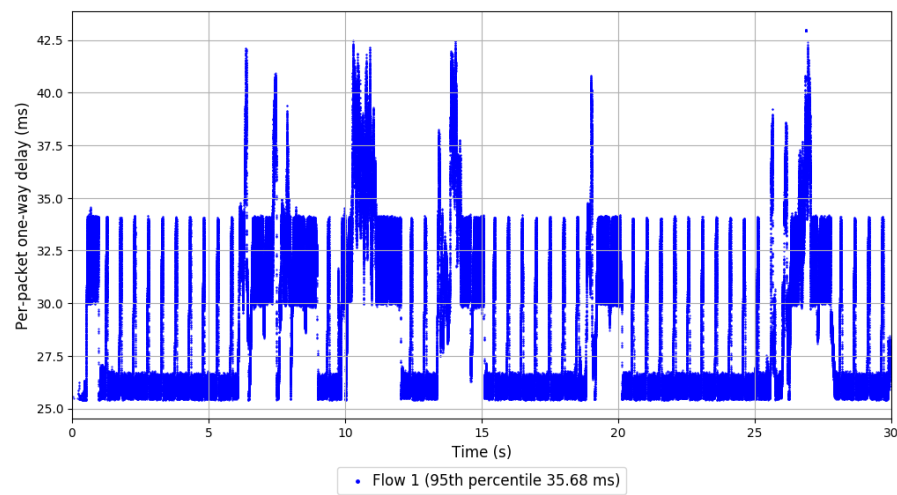
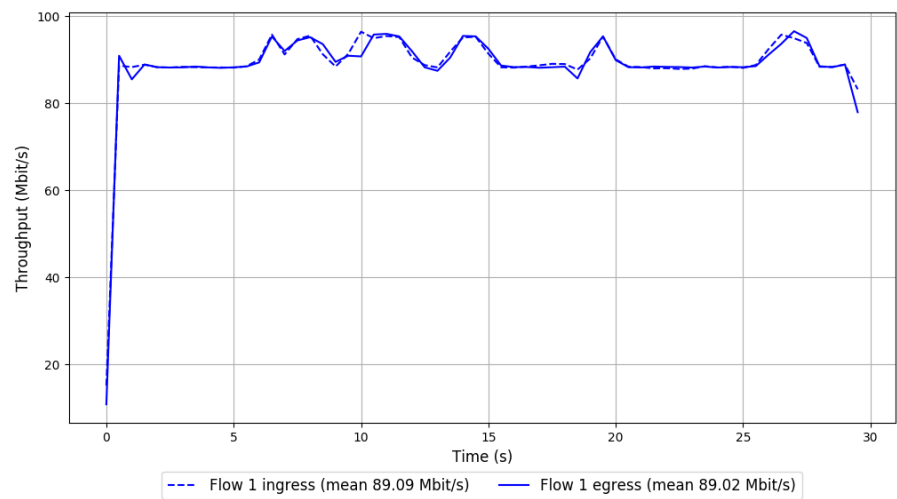
-- Flow 1:

Average throughput: 89.02 Mbit/s

95th percentile per-packet one-way delay: 35.683 ms

Loss rate: 0.26%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

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

End at: 2018-02-02 10:10:42

Local clock offset: 0.9 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at 2018-02-02 17:14:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 33.663 ms

Loss rate: 0.30%

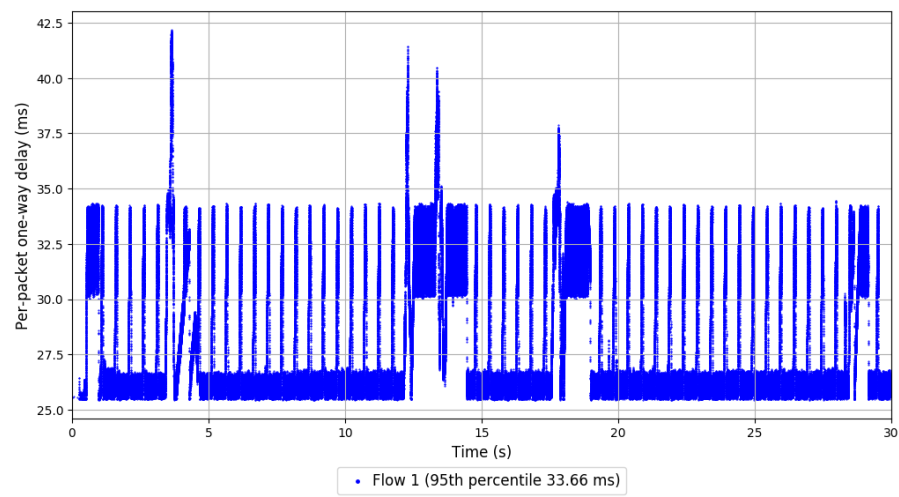
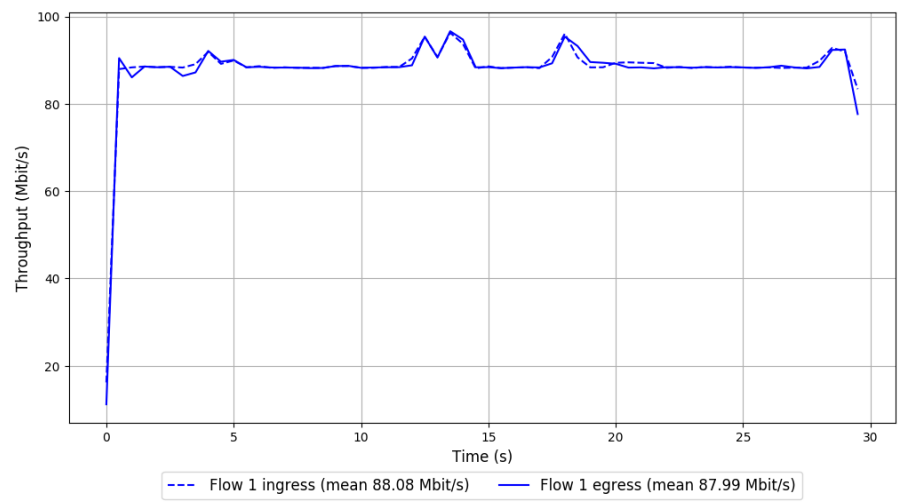
-- Flow 1:

Average throughput: 87.99 Mbit/s

95th percentile per-packet one-way delay: 33.663 ms

Loss rate: 0.30%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-02-02 10:34:09

End at: 2018-02-02 10:34:39

Local clock offset: 0.863 ms

Remote clock offset: 1.825 ms

Below is generated by plot.py at 2018-02-02 17:14:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.27 Mbit/s

95th percentile per-packet one-way delay: 31.534 ms

Loss rate: 0.23%

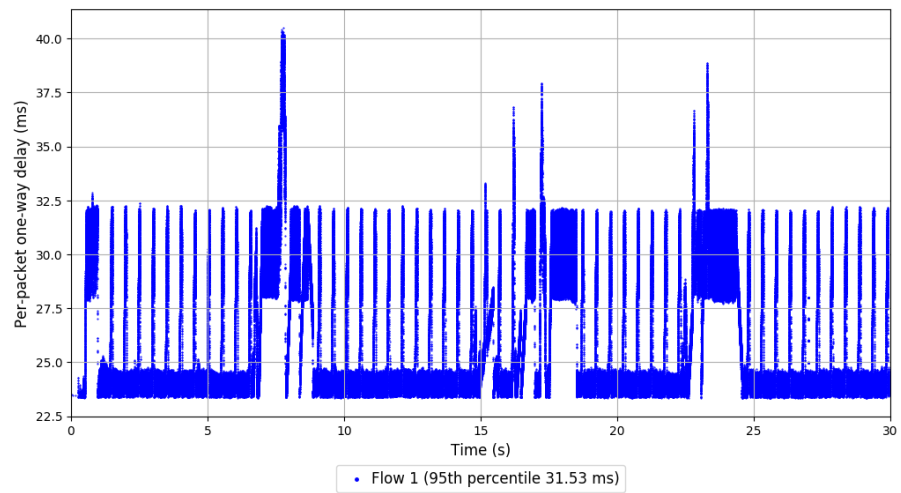
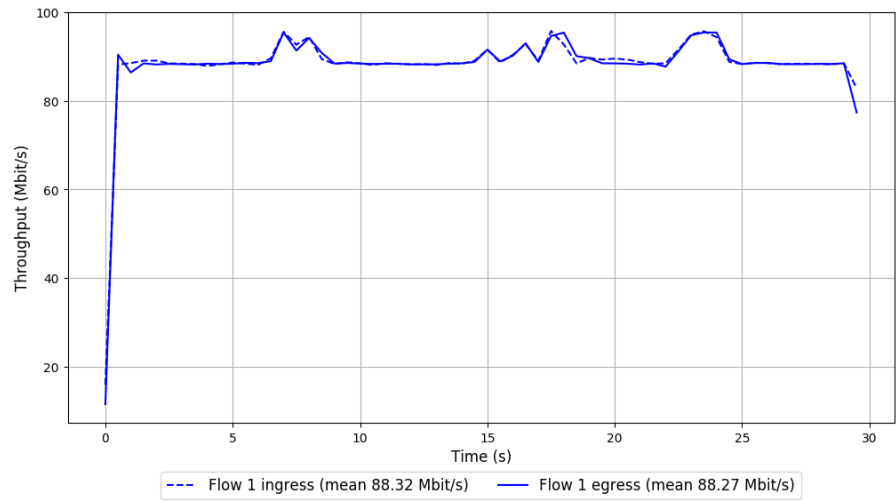
-- Flow 1:

Average throughput: 88.27 Mbit/s

95th percentile per-packet one-way delay: 31.534 ms

Loss rate: 0.23%

Run 5: Report of FillP — Data Link

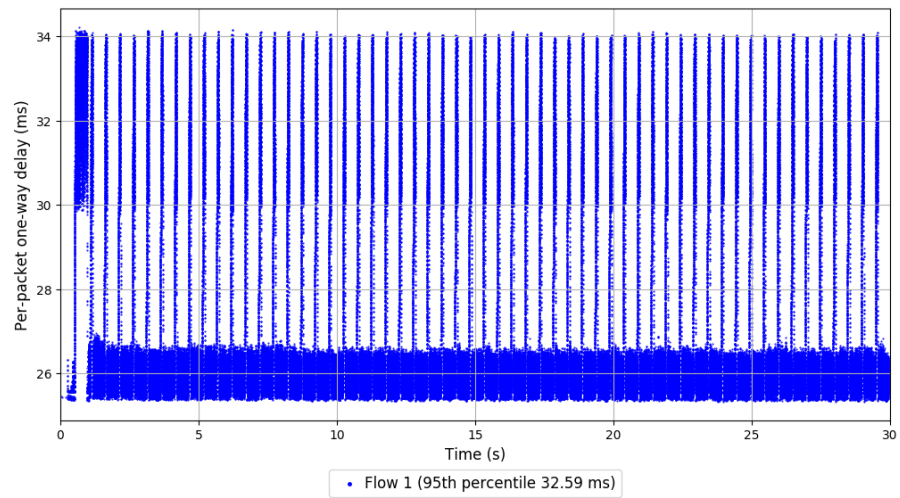
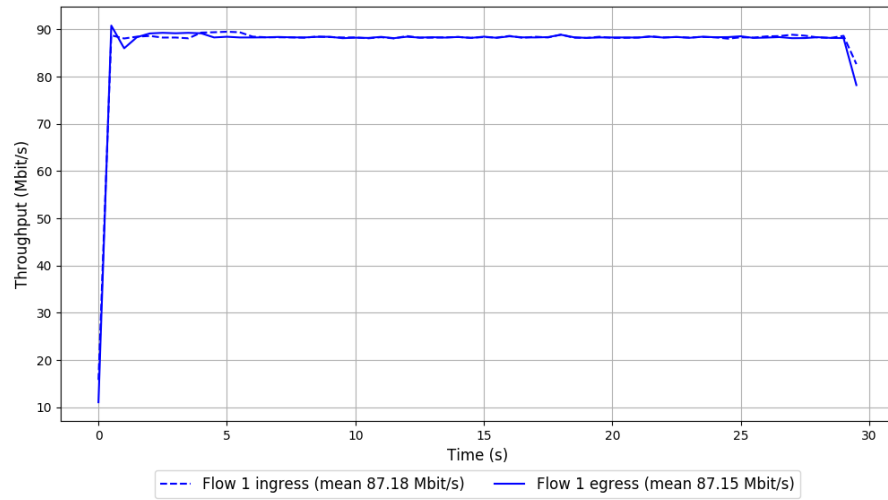


Run 6: Statistics of FillP

Start at: 2018-02-02 10:58:10
End at: 2018-02-02 10:58:40
Local clock offset: 0.703 ms
Remote clock offset: -1.113 ms

Below is generated by plot.py at 2018-02-02 17:14:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 32.591 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 32.591 ms
Loss rate: 0.21%

Run 6: Report of FillP — Data Link

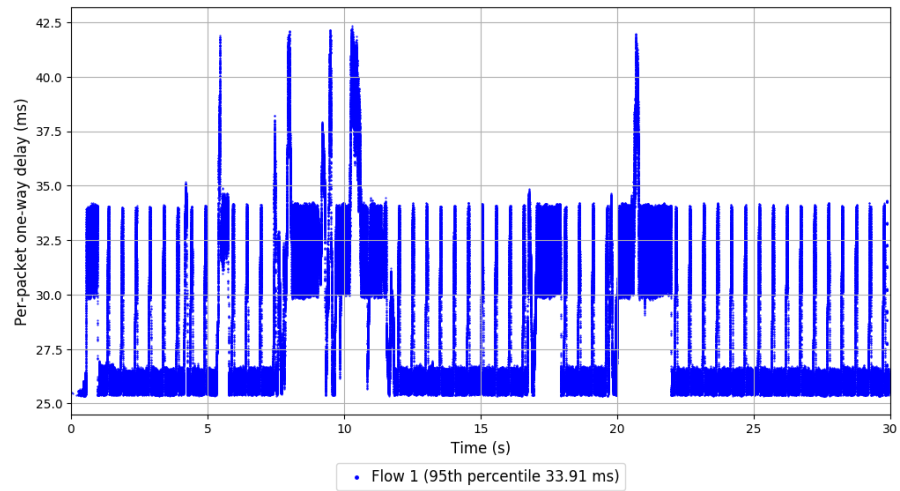
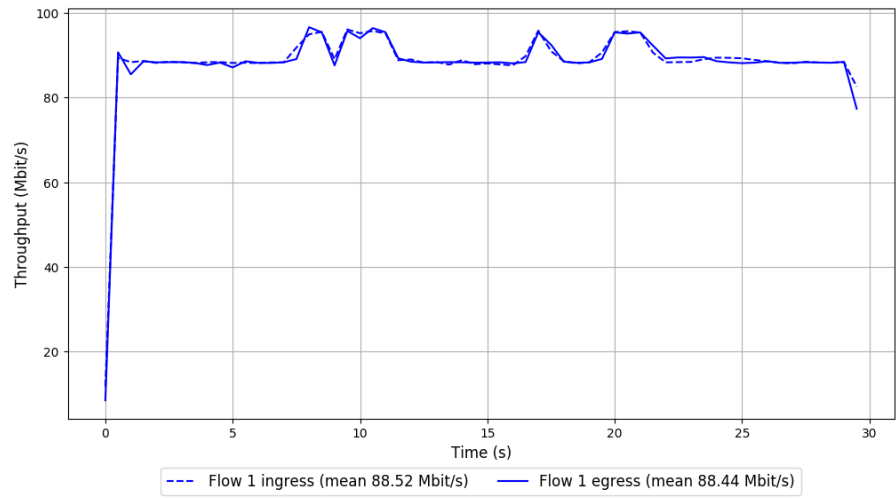


Run 7: Statistics of FillP

Start at: 2018-02-02 11:22:09
End at: 2018-02-02 11:22:39
Local clock offset: 0.98 ms
Remote clock offset: -1.677 ms

Below is generated by plot.py at 2018-02-02 17:15:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 33.910 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 88.44 Mbit/s
95th percentile per-packet one-way delay: 33.910 ms
Loss rate: 0.26%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-02 11:46:14

End at: 2018-02-02 11:46:44

Local clock offset: 1.051 ms

Remote clock offset: 0.3 ms

Below is generated by plot.py at 2018-02-02 17:15:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.90 Mbit/s

95th percentile per-packet one-way delay: 31.390 ms

Loss rate: 0.21%

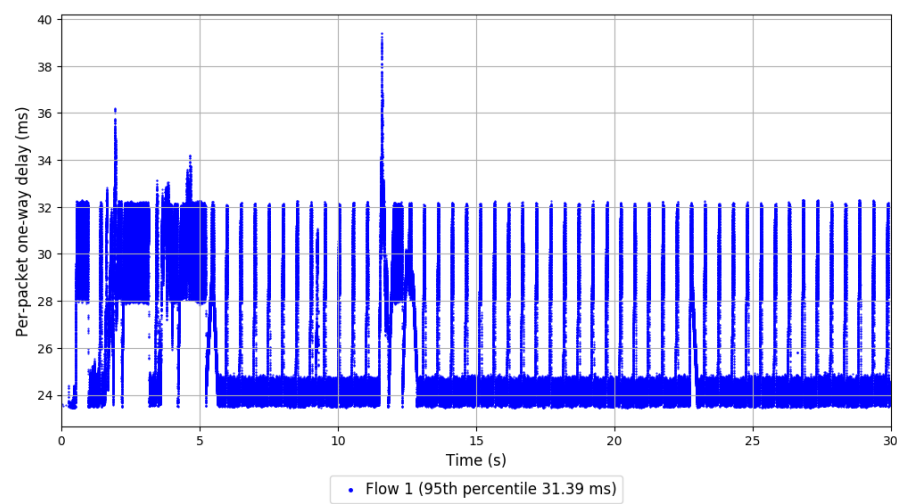
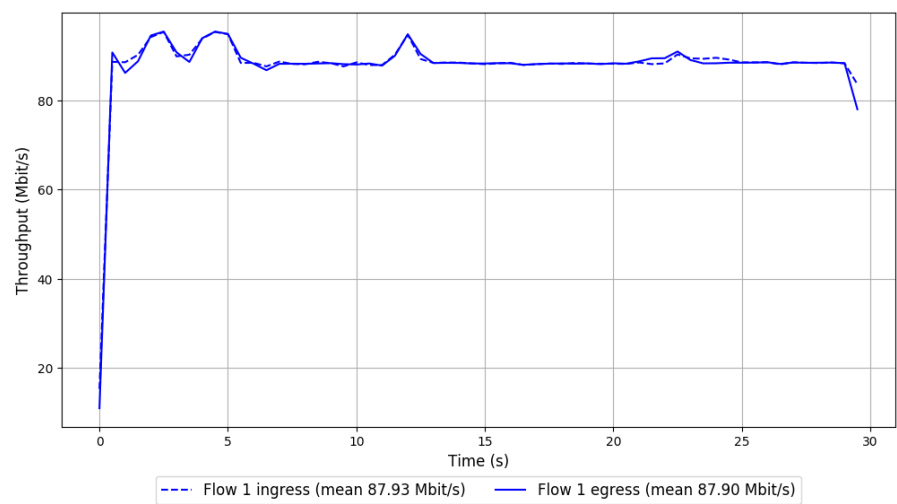
-- Flow 1:

Average throughput: 87.90 Mbit/s

95th percentile per-packet one-way delay: 31.390 ms

Loss rate: 0.21%

Run 8: Report of FillP — Data Link

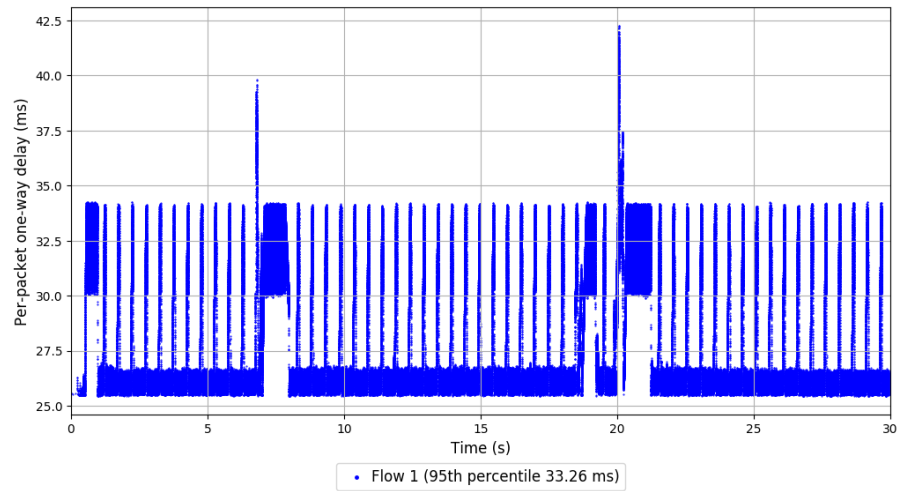
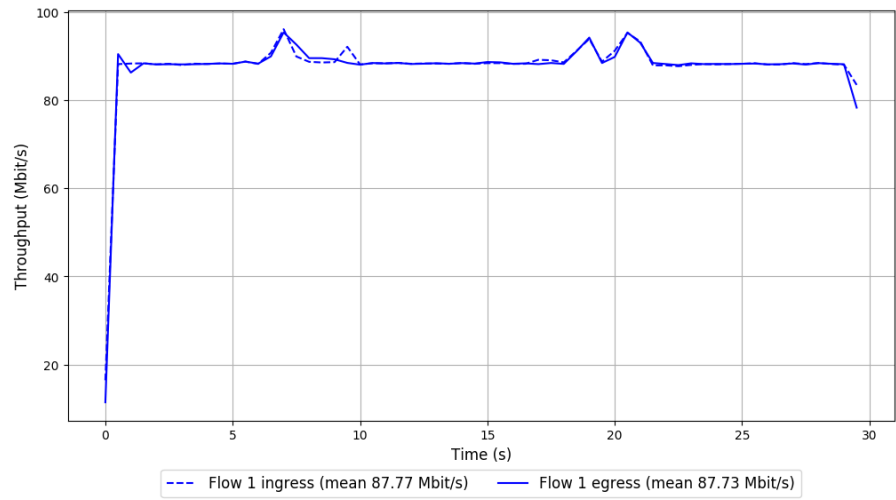


Run 9: Statistics of FillP

Start at: 2018-02-02 12:10:12
End at: 2018-02-02 12:10:42
Local clock offset: 0.92 ms
Remote clock offset: -2.047 ms

Below is generated by plot.py at 2018-02-02 17:16:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 33.259 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 33.259 ms
Loss rate: 0.22%

Run 9: Report of FillP — Data Link

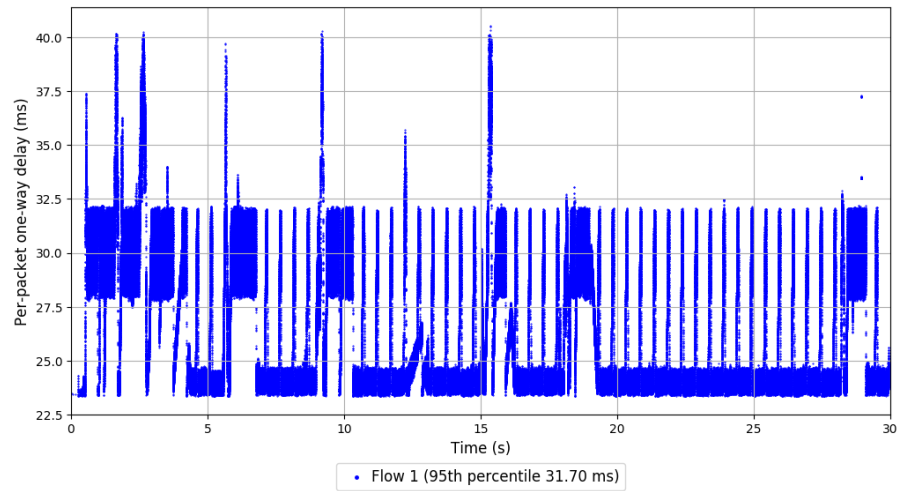
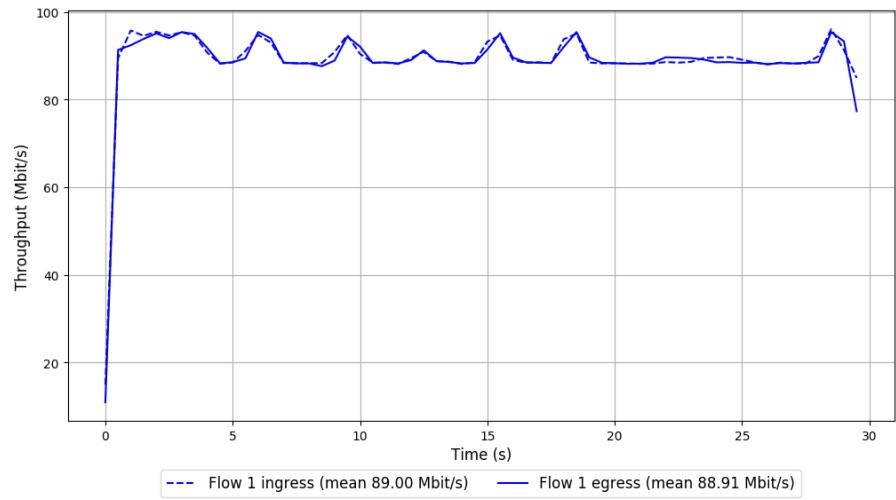


Run 10: Statistics of FillP

Start at: 2018-02-02 12:34:08
End at: 2018-02-02 12:34:38
Local clock offset: 1.031 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-02-02 17:16:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.91 Mbit/s
95th percentile per-packet one-way delay: 31.695 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 88.91 Mbit/s
95th percentile per-packet one-way delay: 31.695 ms
Loss rate: 0.29%

Run 10: Report of FillP — Data Link

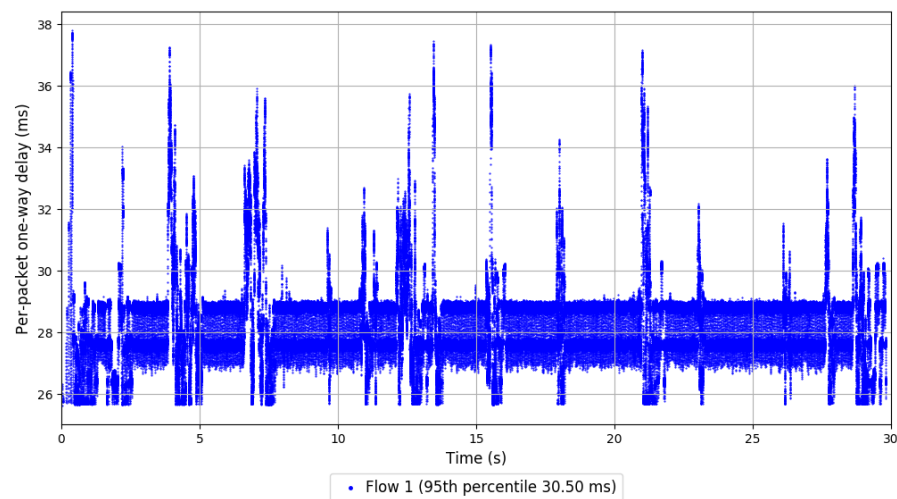
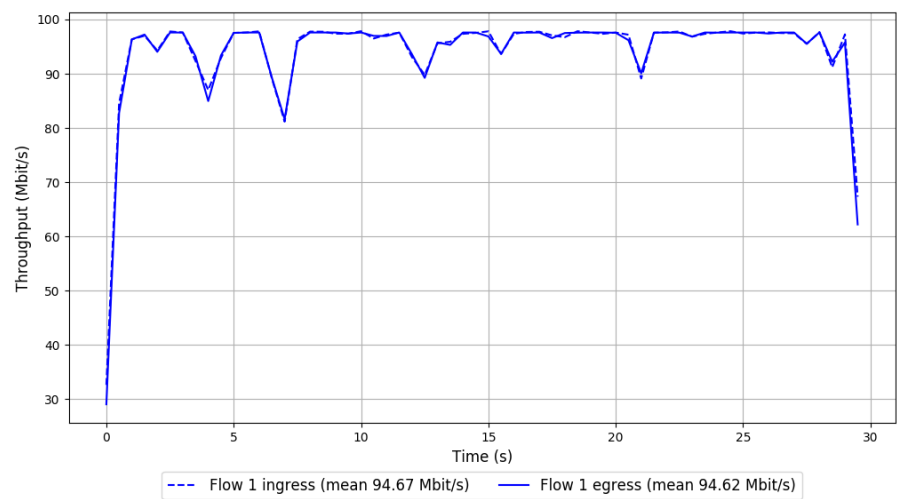


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-02 09:03:39
End at: 2018-02-02 09:04:09
Local clock offset: 0.179 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2018-02-02 17:16:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 30.495 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 30.495 ms
Loss rate: 0.23%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-02 09:27:41

End at: 2018-02-02 09:28:11

Local clock offset: 0.425 ms

Remote clock offset: 2.003 ms

Below is generated by plot.py at 2018-02-02 17:16:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.93 Mbit/s

95th percentile per-packet one-way delay: 29.292 ms

Loss rate: 0.26%

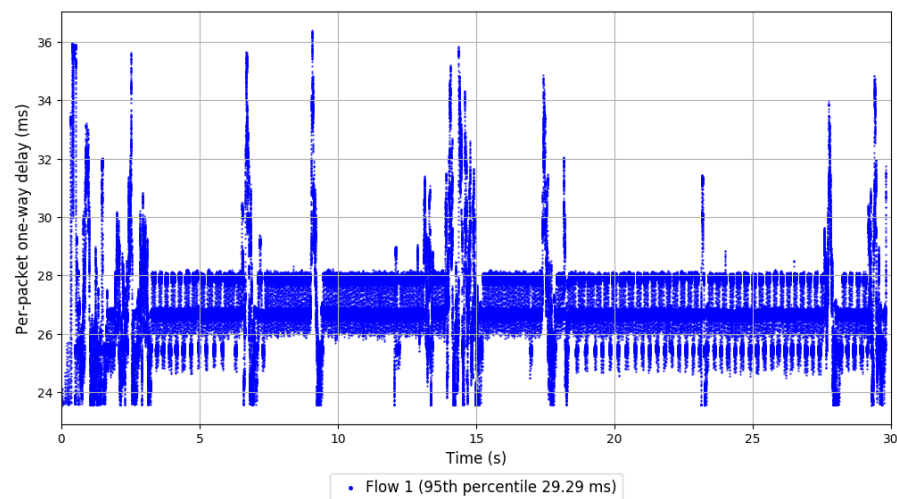
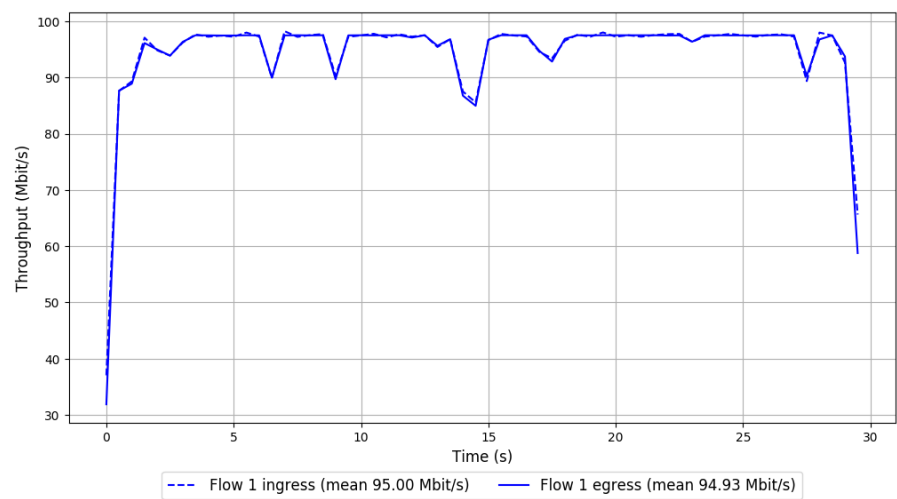
-- Flow 1:

Average throughput: 94.93 Mbit/s

95th percentile per-packet one-way delay: 29.292 ms

Loss rate: 0.26%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-02 09:51:35

End at: 2018-02-02 09:52:05

Local clock offset: 0.762 ms

Remote clock offset: 2.625 ms

Below is generated by plot.py at 2018-02-02 17:16:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 30.054 ms

Loss rate: 0.31%

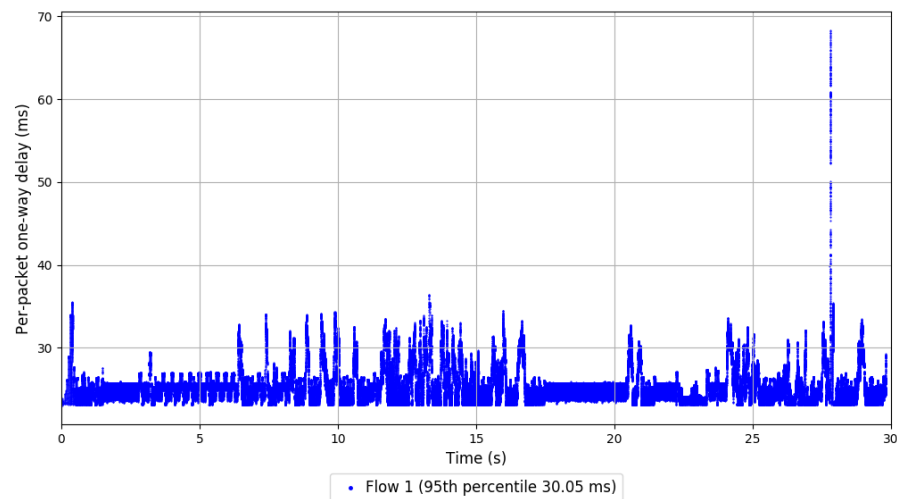
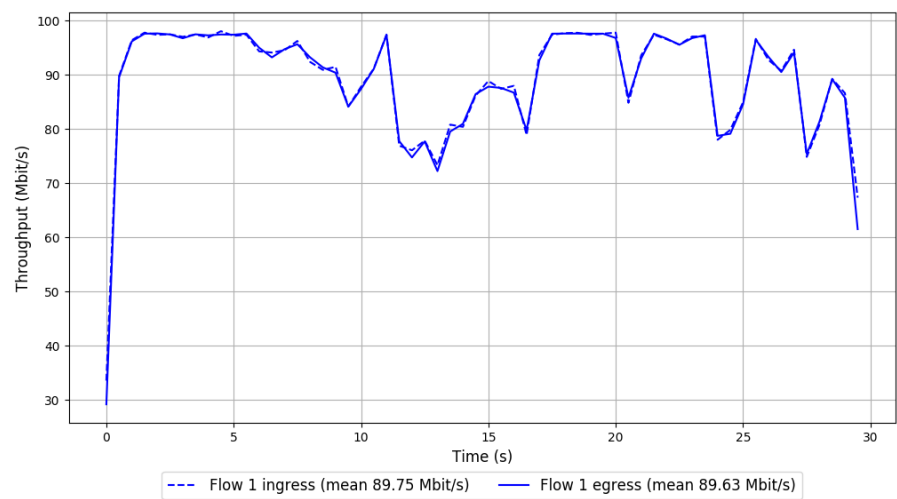
-- Flow 1:

Average throughput: 89.63 Mbit/s

95th percentile per-packet one-way delay: 30.054 ms

Loss rate: 0.31%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-02 10:15:34

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

Local clock offset: 0.848 ms

Remote clock offset: -0.114 ms

Below is generated by plot.py at 2018-02-02 17:16:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.36 Mbit/s

95th percentile per-packet one-way delay: 29.577 ms

Loss rate: 0.22%

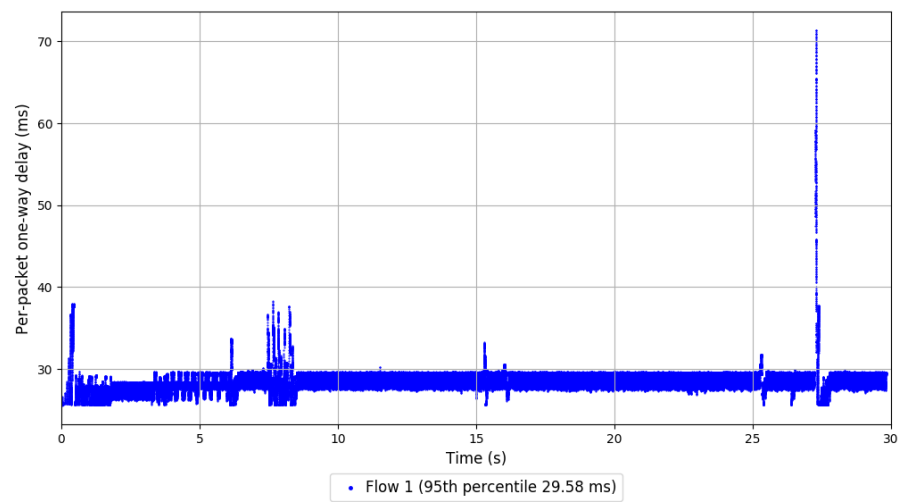
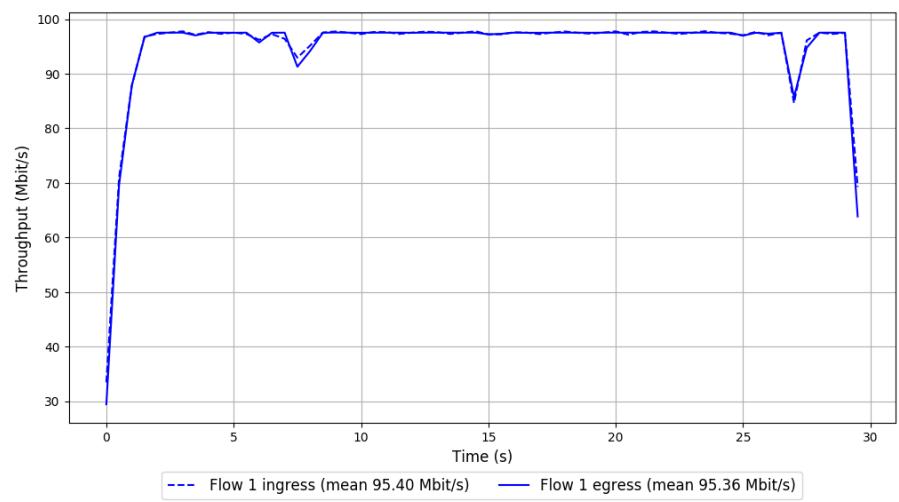
-- Flow 1:

Average throughput: 95.36 Mbit/s

95th percentile per-packet one-way delay: 29.577 ms

Loss rate: 0.22%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-02 10:39:33

End at: 2018-02-02 10:40:03

Local clock offset: 0.896 ms

Remote clock offset: 1.726 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.44 Mbit/s

95th percentile per-packet one-way delay: 27.289 ms

Loss rate: 0.19%

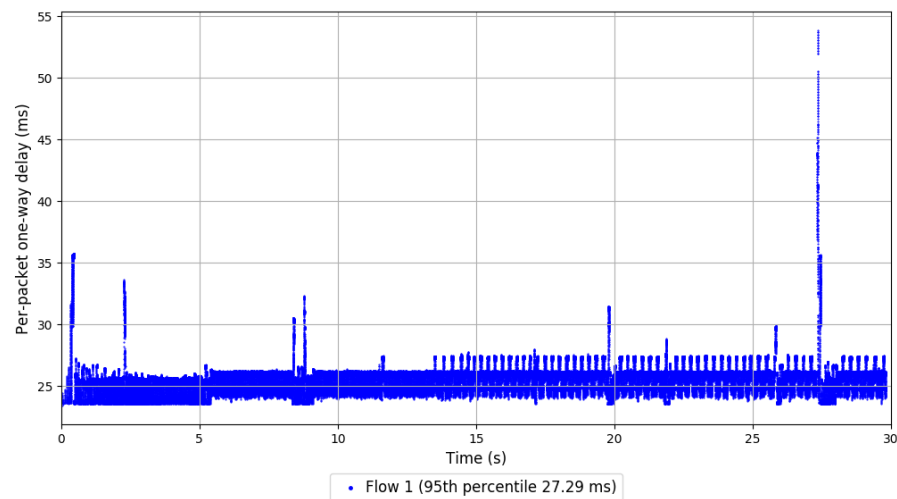
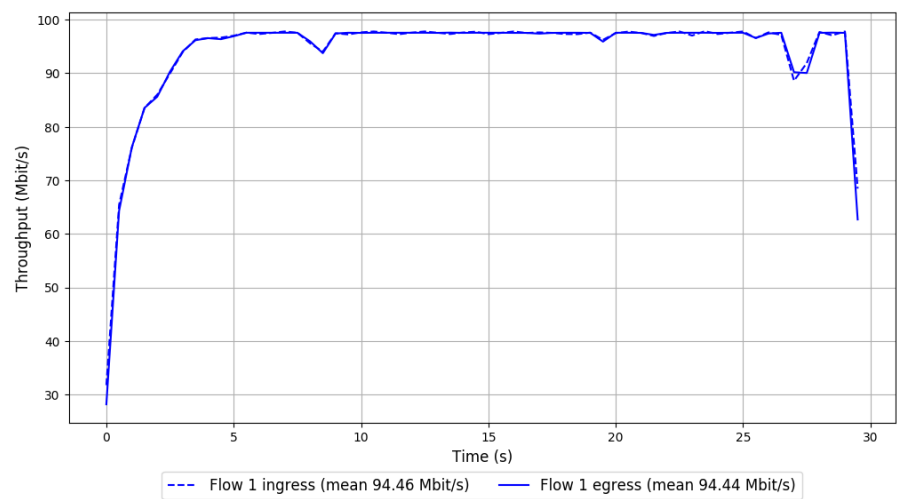
-- Flow 1:

Average throughput: 94.44 Mbit/s

95th percentile per-packet one-way delay: 27.289 ms

Loss rate: 0.19%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-02 11:03:32

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

Local clock offset: 0.802 ms

Remote clock offset: 0.61 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 28.105 ms

Loss rate: 0.19%

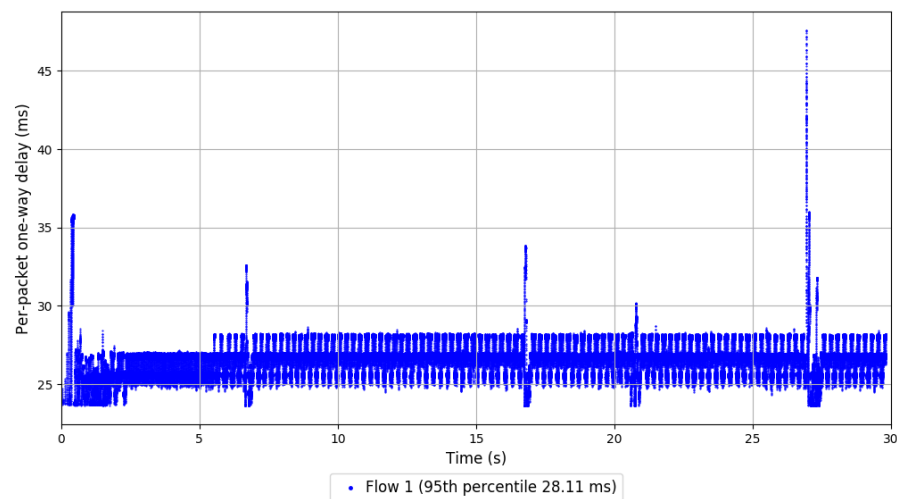
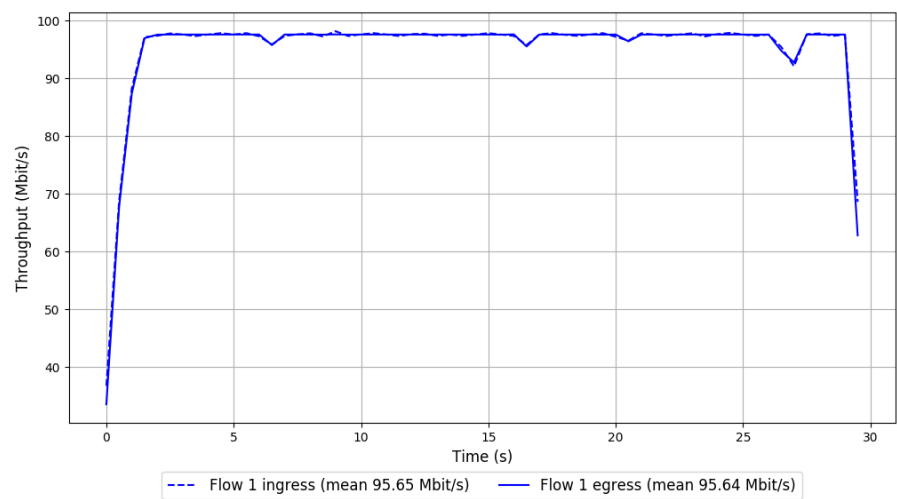
-- Flow 1:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 28.105 ms

Loss rate: 0.19%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-02 11:27:29

End at: 2018-02-02 11:27:59

Local clock offset: 1.072 ms

Remote clock offset: 0.372 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.94 Mbit/s

95th percentile per-packet one-way delay: 31.726 ms

Loss rate: 0.42%

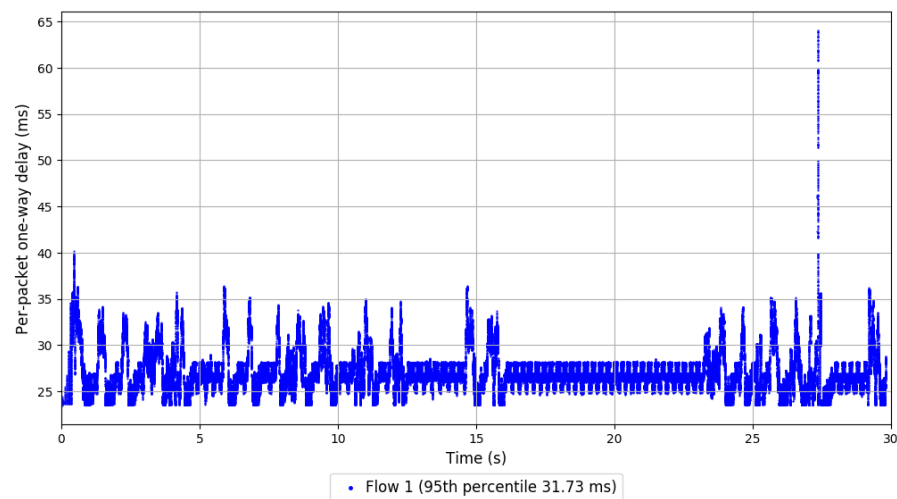
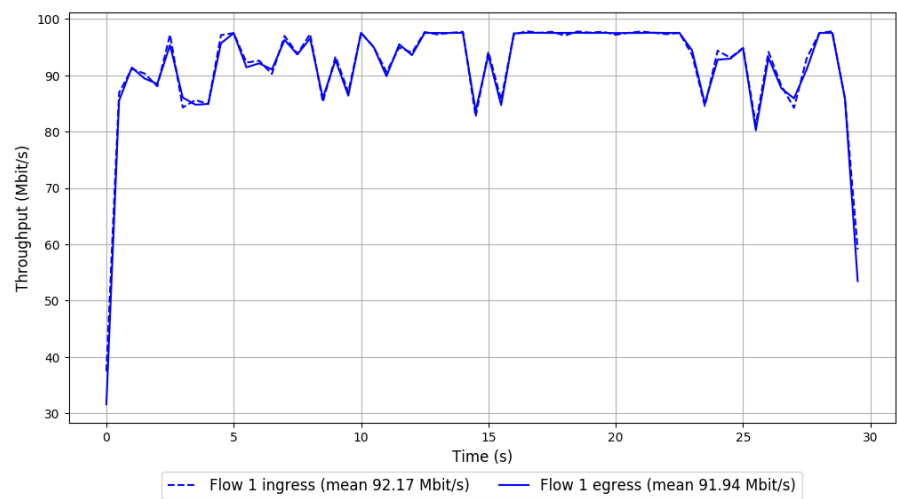
-- Flow 1:

Average throughput: 91.94 Mbit/s

95th percentile per-packet one-way delay: 31.726 ms

Loss rate: 0.42%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-02 11:51:37

End at: 2018-02-02 11:52:07

Local clock offset: 0.941 ms

Remote clock offset: 0.314 ms

Below is generated by plot.py at 2018-02-02 17:17:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.70 Mbit/s

95th percentile per-packet one-way delay: 26.760 ms

Loss rate: 0.20%

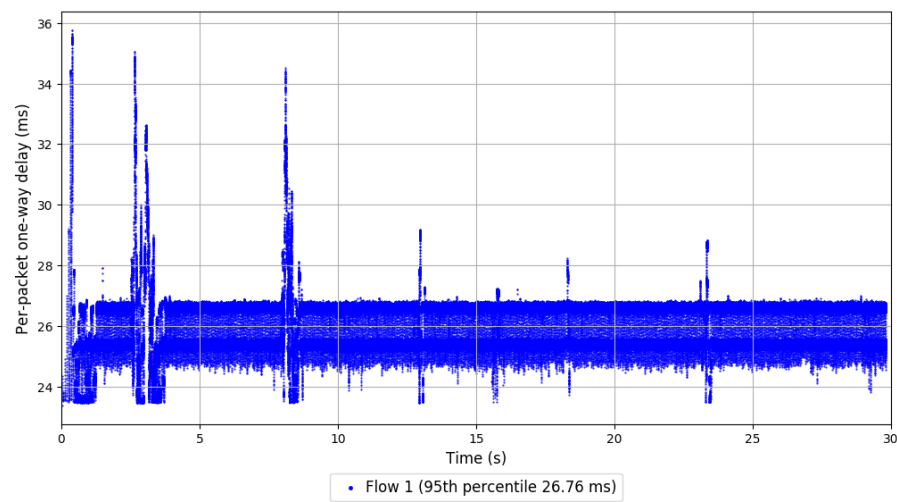
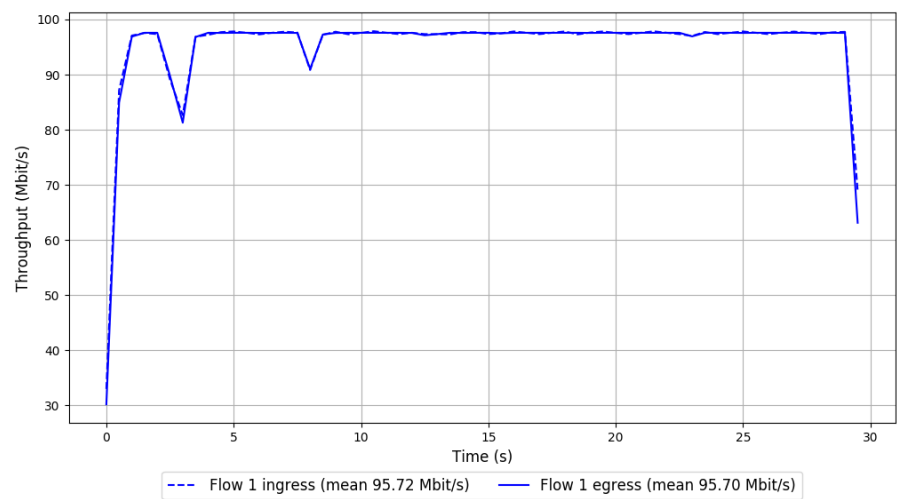
-- Flow 1:

Average throughput: 95.70 Mbit/s

95th percentile per-packet one-way delay: 26.760 ms

Loss rate: 0.20%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-02 12:15:34

End at: 2018-02-02 12:16:04

Local clock offset: 0.934 ms

Remote clock offset: 0.353 ms

Below is generated by plot.py at 2018-02-02 17:17:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 26.454 ms

Loss rate: 0.20%

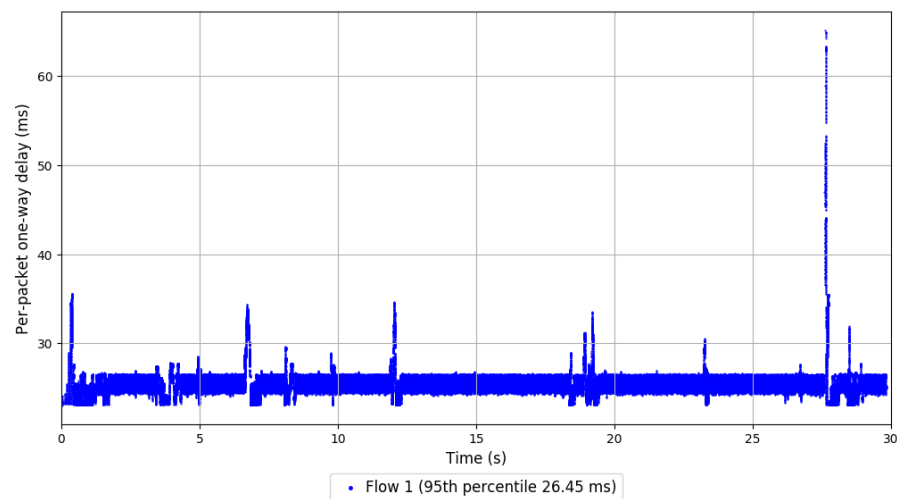
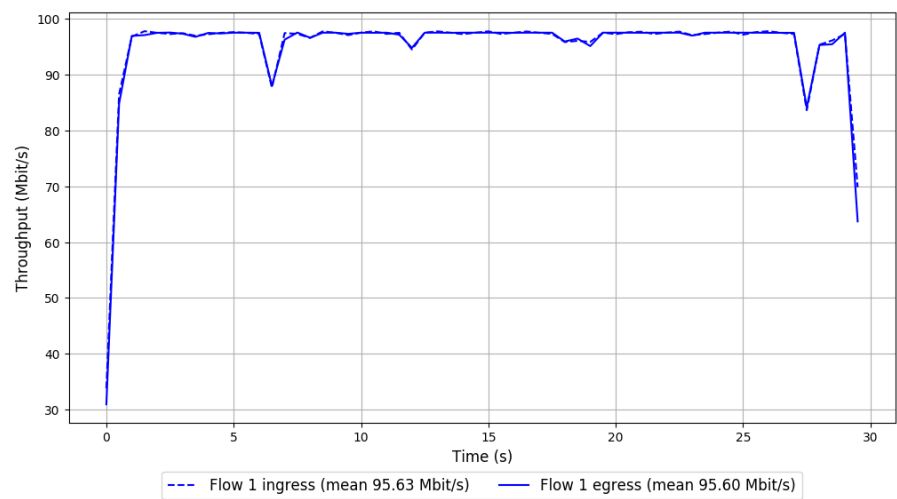
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 26.454 ms

Loss rate: 0.20%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-02 12:39:33

End at: 2018-02-02 12:40:03

Local clock offset: 1.095 ms

Remote clock offset: -0.062 ms

Below is generated by plot.py at 2018-02-02 17:17:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.91 Mbit/s

95th percentile per-packet one-way delay: 31.840 ms

Loss rate: 0.47%

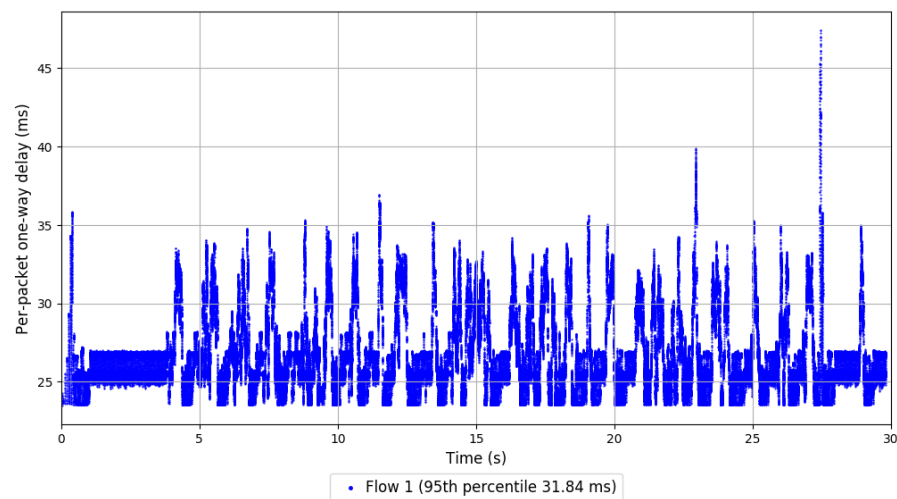
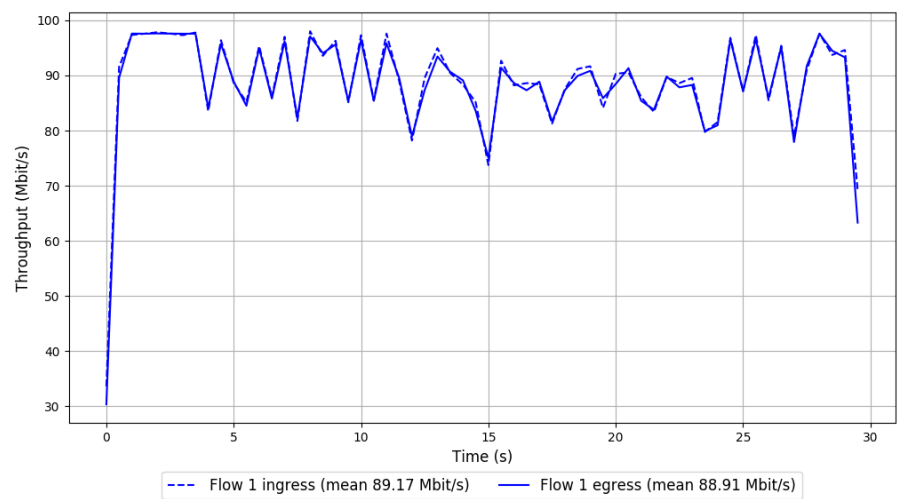
-- Flow 1:

Average throughput: 88.91 Mbit/s

95th percentile per-packet one-way delay: 31.840 ms

Loss rate: 0.47%

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

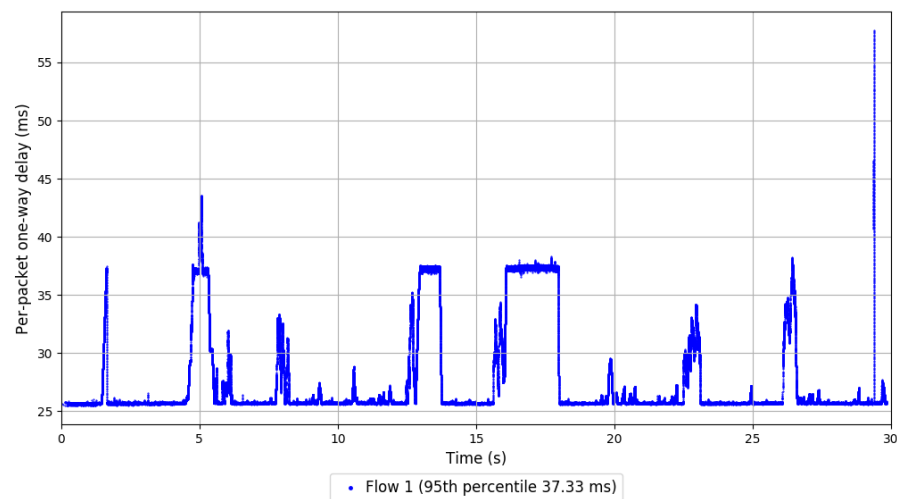
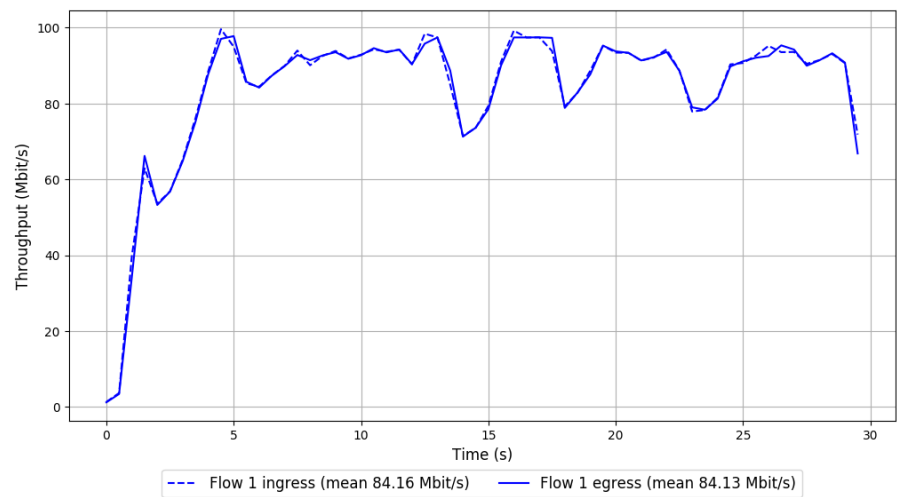


Run 1: Statistics of Vivace-latency

Start at: 2018-02-02 08:54:20
End at: 2018-02-02 08:54:50
Local clock offset: 0.115 ms
Remote clock offset: -0.379 ms

Below is generated by plot.py at 2018-02-02 17:17:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 37.331 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 37.331 ms
Loss rate: 0.21%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-02-02 09:18:25

End at: 2018-02-02 09:18:55

Local clock offset: 0.416 ms

Remote clock offset: 0.082 ms

Below is generated by plot.py at 2018-02-02 17:18:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.63 Mbit/s

95th percentile per-packet one-way delay: 31.423 ms

Loss rate: 0.22%

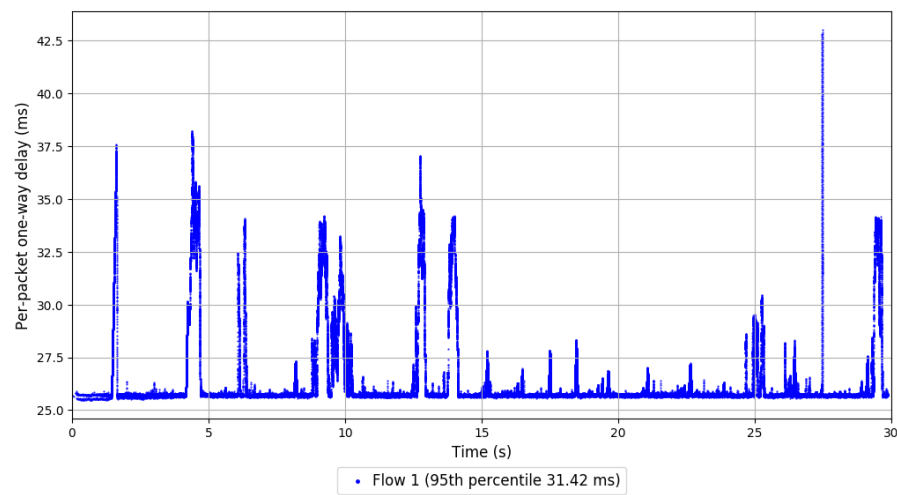
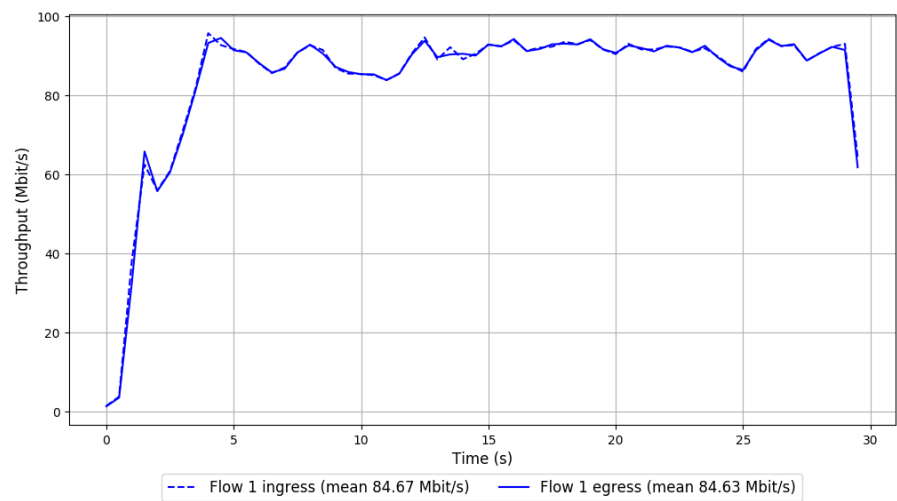
-- Flow 1:

Average throughput: 84.63 Mbit/s

95th percentile per-packet one-way delay: 31.423 ms

Loss rate: 0.22%

Run 2: Report of Vivace-latency — Data Link

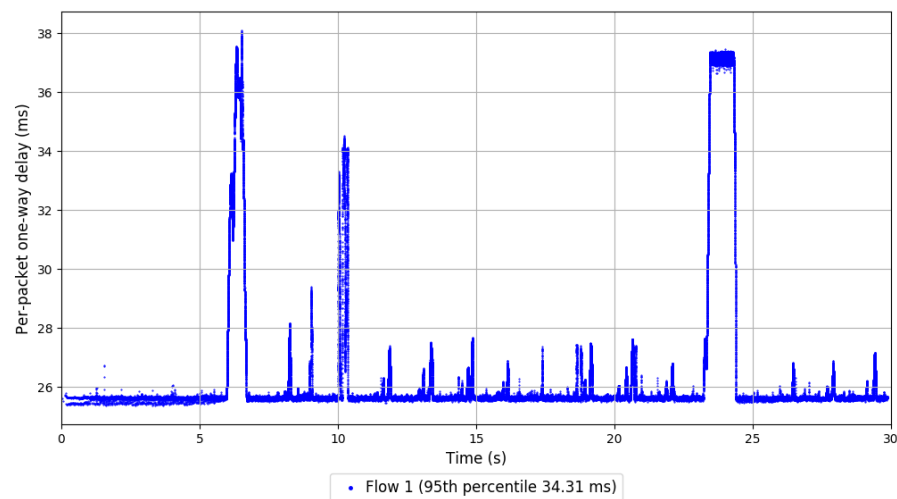
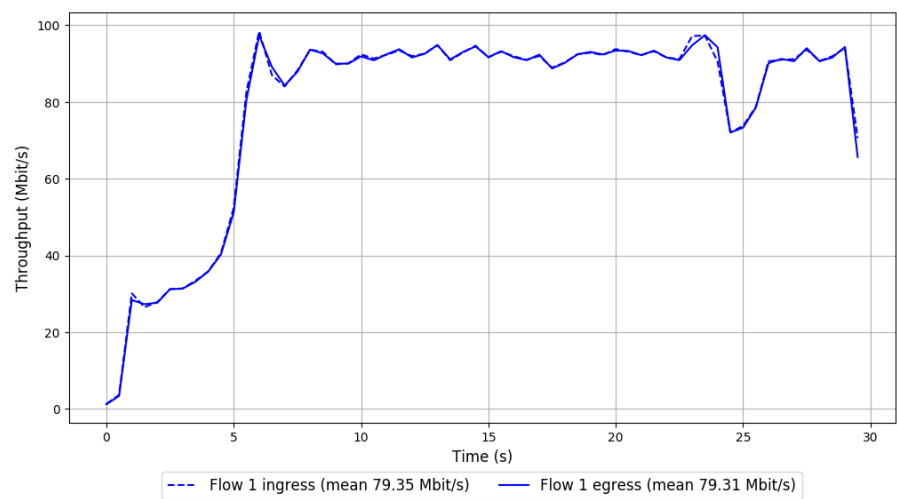


Run 3: Statistics of Vivace-latency

Start at: 2018-02-02 09:42:19
End at: 2018-02-02 09:42:49
Local clock offset: 0.655 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2018-02-02 17:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 34.309 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 34.309 ms
Loss rate: 0.22%

Run 3: Report of Vivace-latency — Data Link

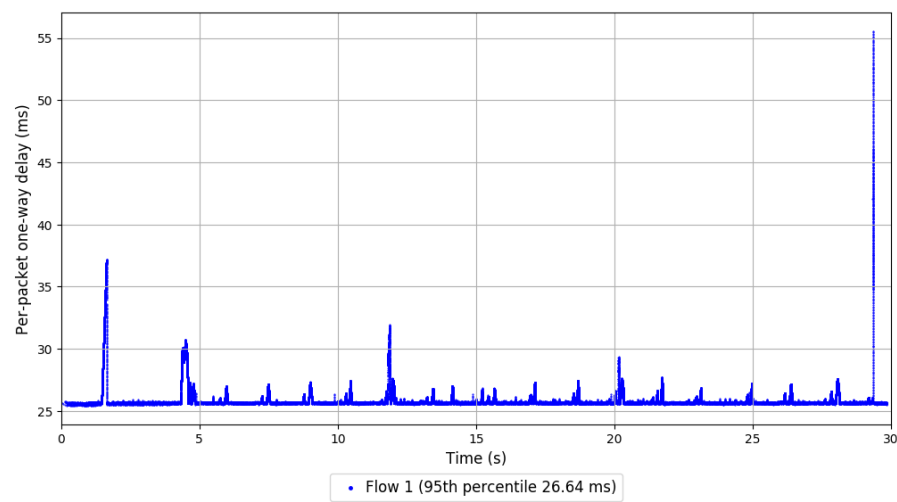
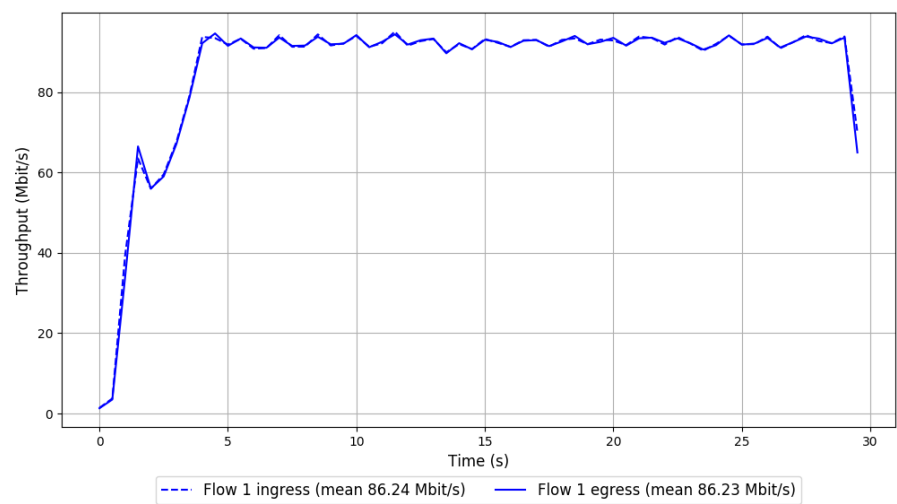


Run 4: Statistics of Vivace-latency

Start at: 2018-02-02 10:06:17
End at: 2018-02-02 10:06:47
Local clock offset: 0.789 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-02-02 17:18:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.23 Mbit/s
95th percentile per-packet one-way delay: 26.636 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 86.23 Mbit/s
95th percentile per-packet one-way delay: 26.636 ms
Loss rate: 0.19%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-02 10:30:12

End at: 2018-02-02 10:30:42

Local clock offset: 0.873 ms

Remote clock offset: 1.855 ms

Below is generated by plot.py at 2018-02-02 17:18:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.84 Mbit/s

95th percentile per-packet one-way delay: 27.311 ms

Loss rate: 0.20%

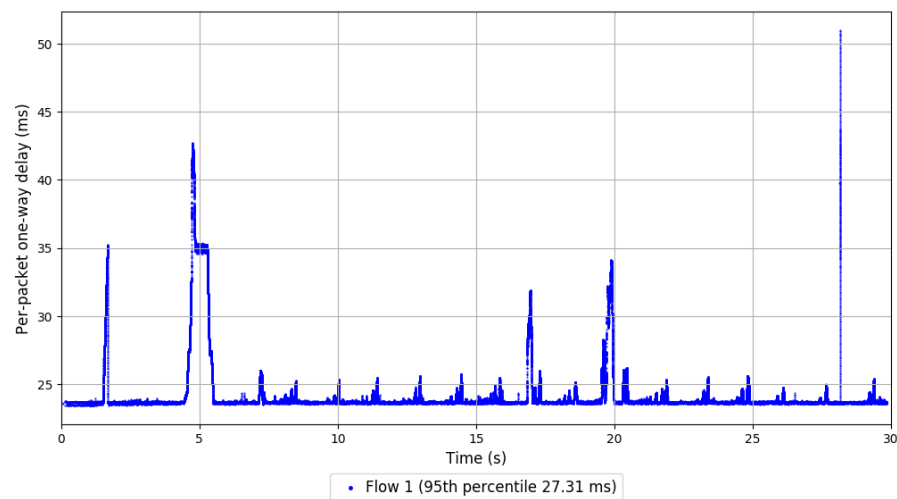
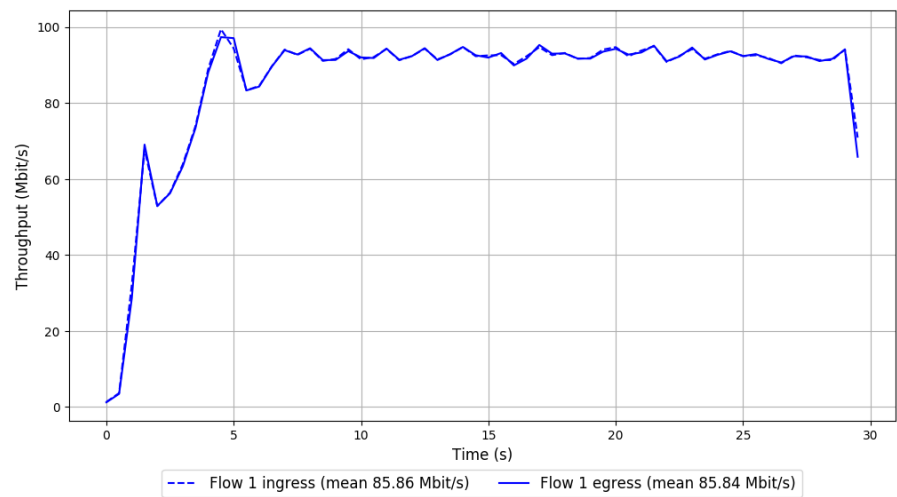
-- Flow 1:

Average throughput: 85.84 Mbit/s

95th percentile per-packet one-way delay: 27.311 ms

Loss rate: 0.20%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-02-02 10:54:13

End at: 2018-02-02 10:54:43

Local clock offset: 0.806 ms

Remote clock offset: 1.296 ms

Below is generated by plot.py at 2018-02-02 17:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.96 Mbit/s

95th percentile per-packet one-way delay: 24.491 ms

Loss rate: 0.21%

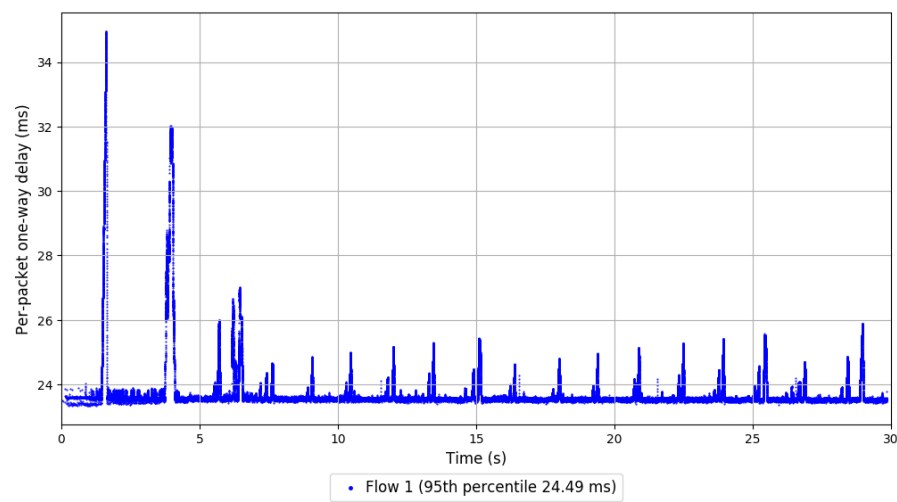
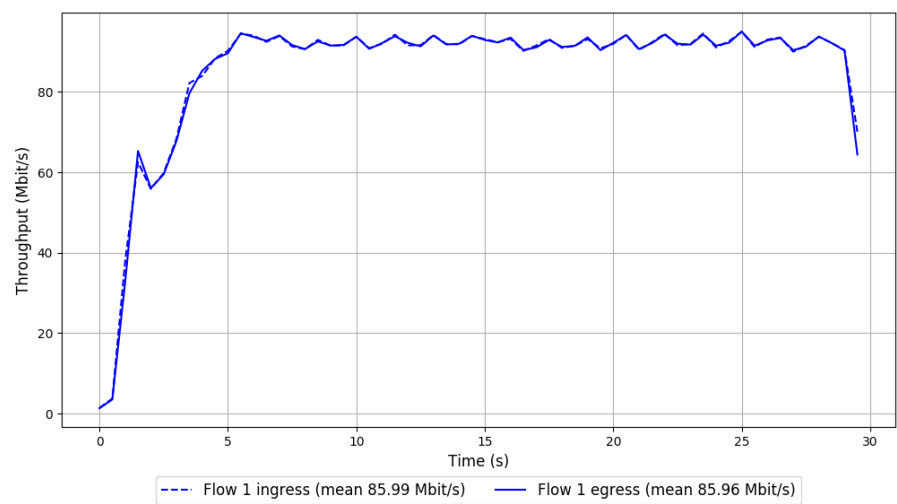
-- Flow 1:

Average throughput: 85.96 Mbit/s

95th percentile per-packet one-way delay: 24.491 ms

Loss rate: 0.21%

Run 6: Report of Vivace-latency — Data Link

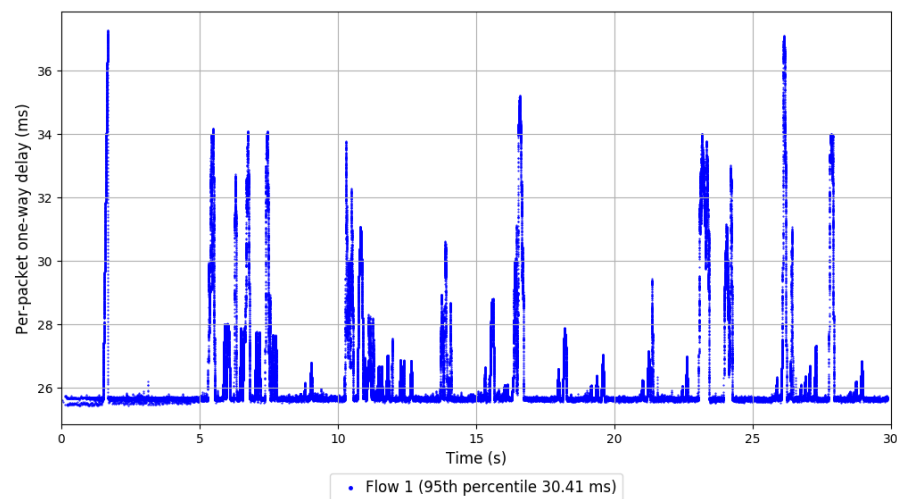
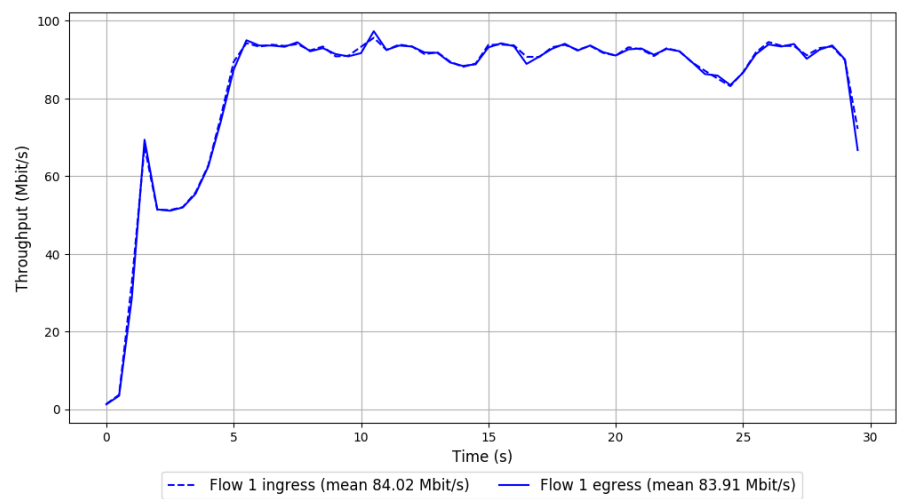


Run 7: Statistics of Vivace-latency

Start at: 2018-02-02 11:18:11
End at: 2018-02-02 11:18:41
Local clock offset: 0.962 ms
Remote clock offset: -1.707 ms

Below is generated by plot.py at 2018-02-02 17:18:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 30.410 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 30.410 ms
Loss rate: 0.30%

Run 7: Report of Vivace-latency — Data Link

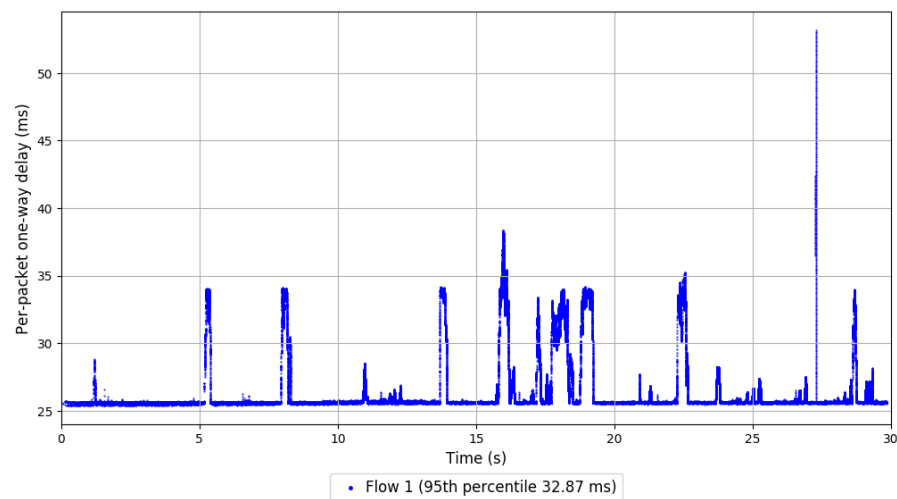
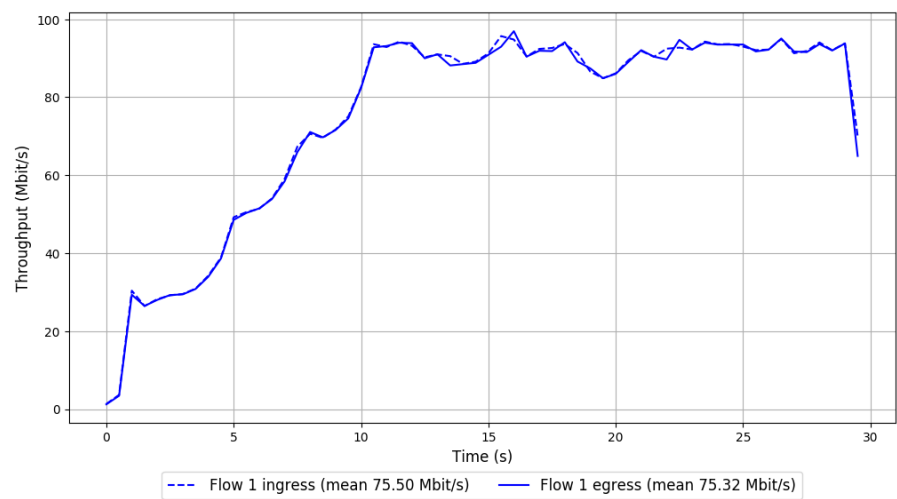


Run 8: Statistics of Vivace-latency

Start at: 2018-02-02 11:42:17
End at: 2018-02-02 11:42:47
Local clock offset: 0.971 ms
Remote clock offset: -1.763 ms

Below is generated by plot.py at 2018-02-02 17:18:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.32 Mbit/s
95th percentile per-packet one-way delay: 32.869 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 75.32 Mbit/s
95th percentile per-packet one-way delay: 32.869 ms
Loss rate: 0.41%

Run 8: Report of Vivace-latency — Data Link

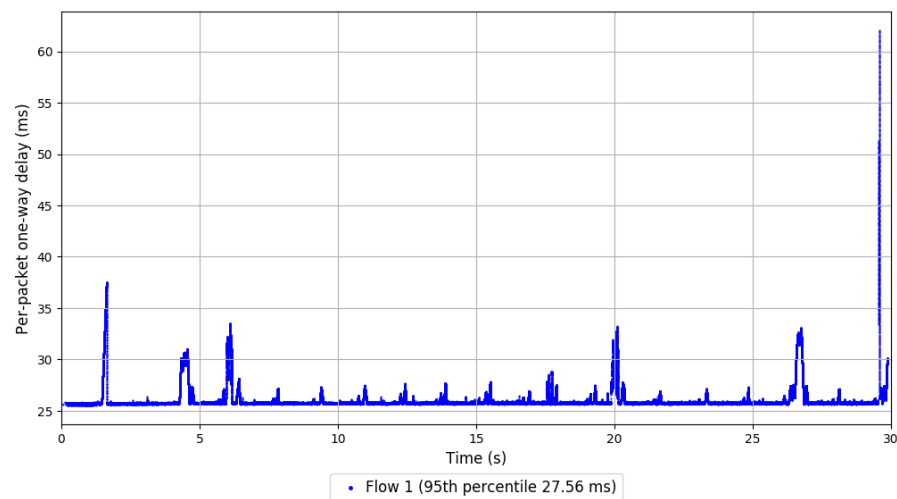
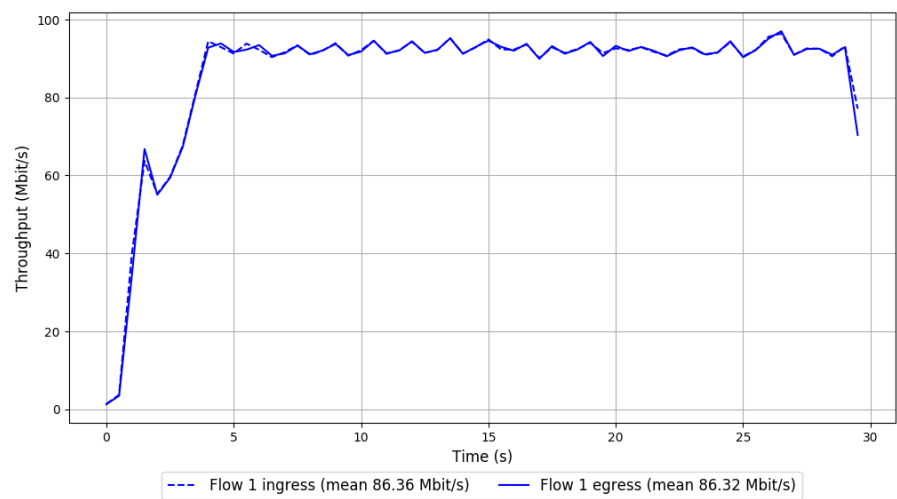


Run 9: Statistics of Vivace-latency

Start at: 2018-02-02 12:06:17
End at: 2018-02-02 12:06:47
Local clock offset: 0.923 ms
Remote clock offset: -2.141 ms

Below is generated by plot.py at 2018-02-02 17:19:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 27.561 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 27.561 ms
Loss rate: 0.22%

Run 9: Report of Vivace-latency — Data Link

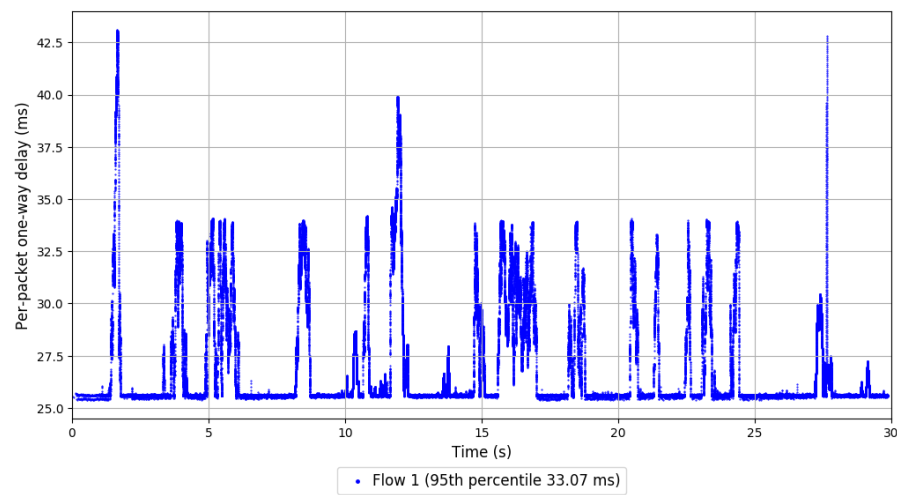
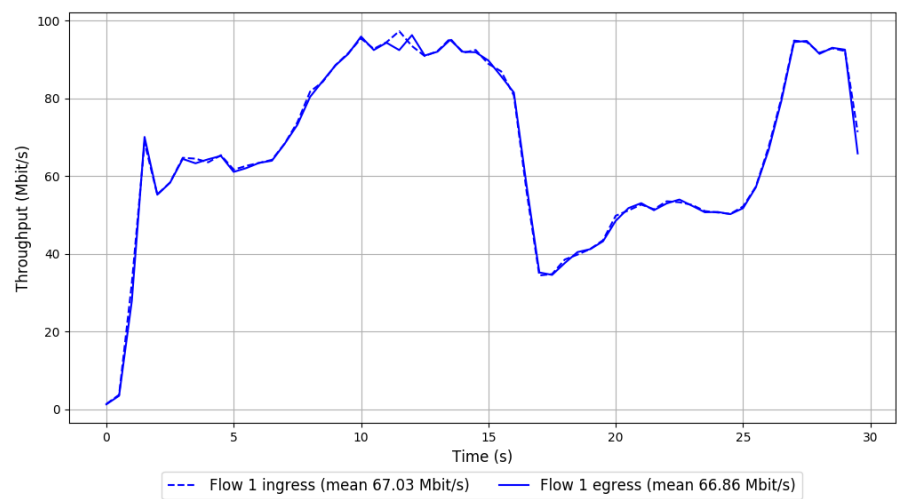


Run 10: Statistics of Vivace-latency

Start at: 2018-02-02 12:30:14
End at: 2018-02-02 12:30:44
Local clock offset: 0.916 ms
Remote clock offset: -2.264 ms

Below is generated by plot.py at 2018-02-02 17:19:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.86 Mbit/s
95th percentile per-packet one-way delay: 33.067 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 66.86 Mbit/s
95th percentile per-packet one-way delay: 33.067 ms
Loss rate: 0.42%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-02 09:07:45

End at: 2018-02-02 09:08:15

Local clock offset: 0.128 ms

Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-02-02 17:19:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.36 Mbit/s

95th percentile per-packet one-way delay: 41.828 ms

Loss rate: 0.33%

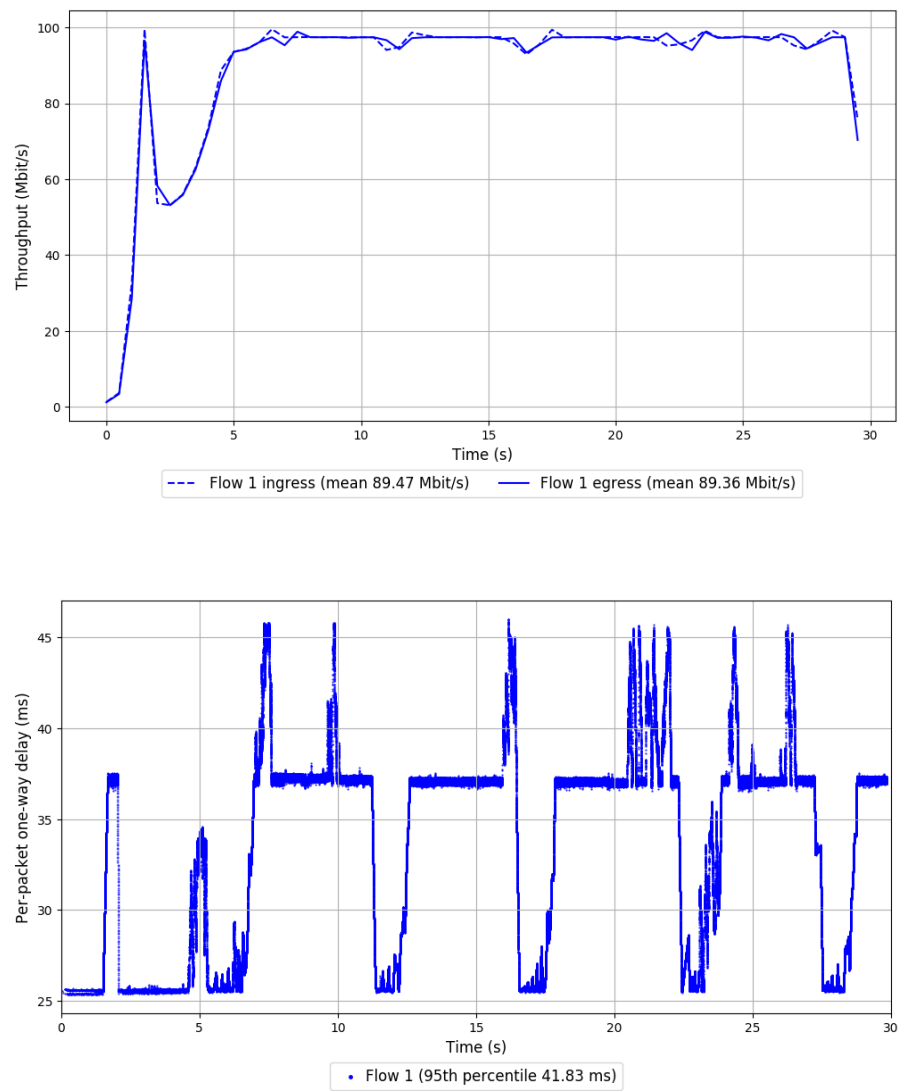
-- Flow 1:

Average throughput: 89.36 Mbit/s

95th percentile per-packet one-way delay: 41.828 ms

Loss rate: 0.33%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-02 09:31:43

End at: 2018-02-02 09:32:13

Local clock offset: 0.458 ms

Remote clock offset: 2.459 ms

Below is generated by plot.py at 2018-02-02 17:20:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 35.871 ms

Loss rate: 0.36%

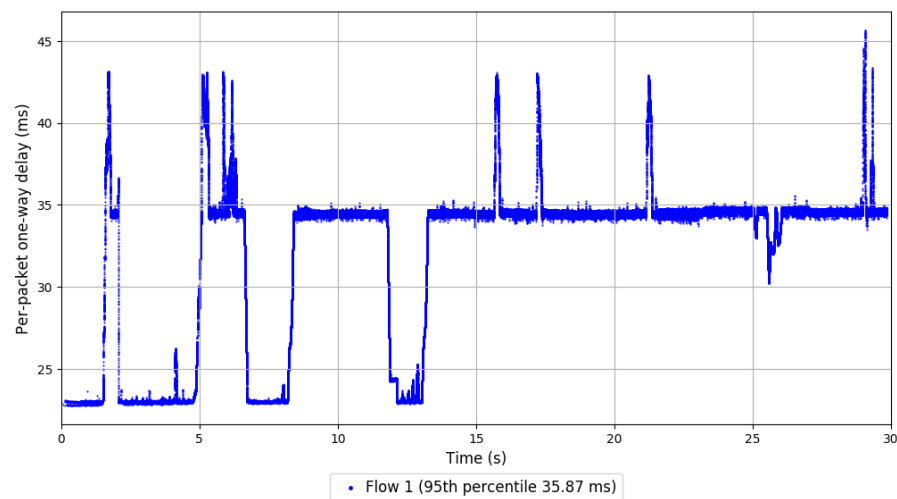
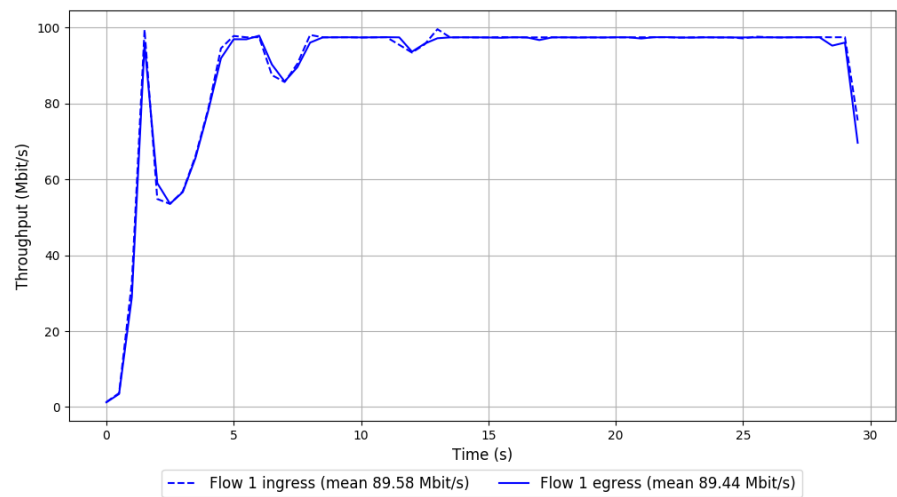
-- Flow 1:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 35.871 ms

Loss rate: 0.36%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-02 09:55:37

End at: 2018-02-02 09:56:07

Local clock offset: 0.823 ms

Remote clock offset: 0.241 ms

Below is generated by plot.py at 2018-02-02 17:20:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.51 Mbit/s

95th percentile per-packet one-way delay: 37.424 ms

Loss rate: 0.23%

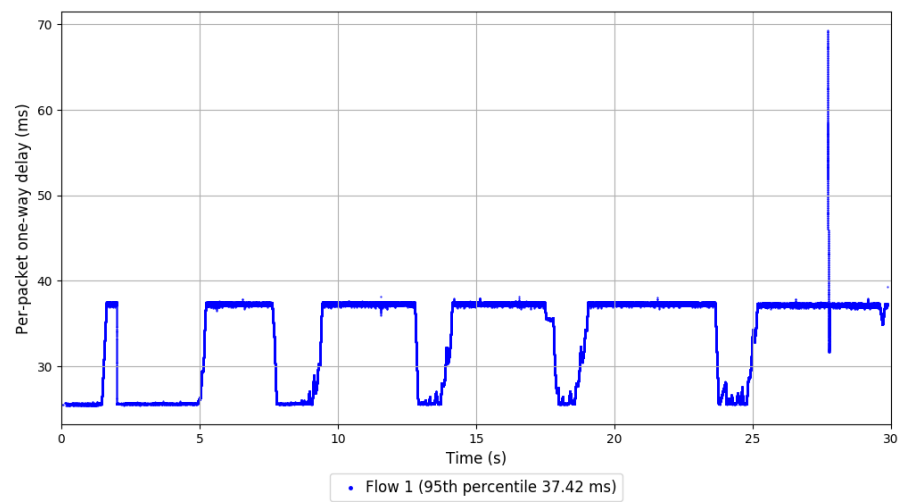
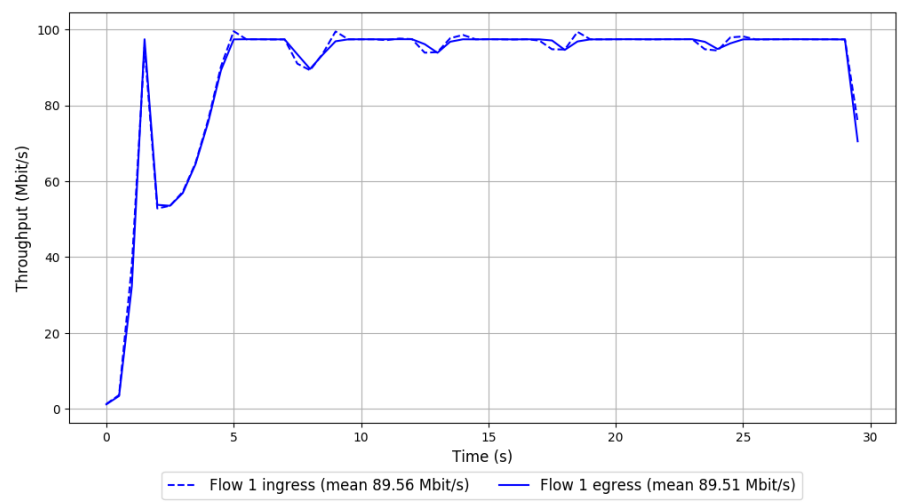
-- Flow 1:

Average throughput: 89.51 Mbit/s

95th percentile per-packet one-way delay: 37.424 ms

Loss rate: 0.23%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-02 10:19:35

End at: 2018-02-02 10:20:05

Local clock offset: 0.764 ms

Remote clock offset: 2.386 ms

Below is generated by plot.py at 2018-02-02 17:20:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 34.732 ms

Loss rate: 0.27%

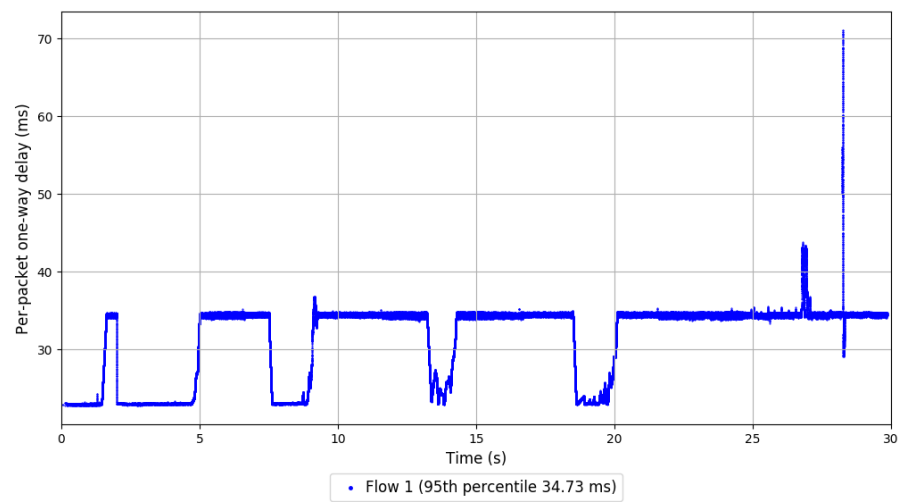
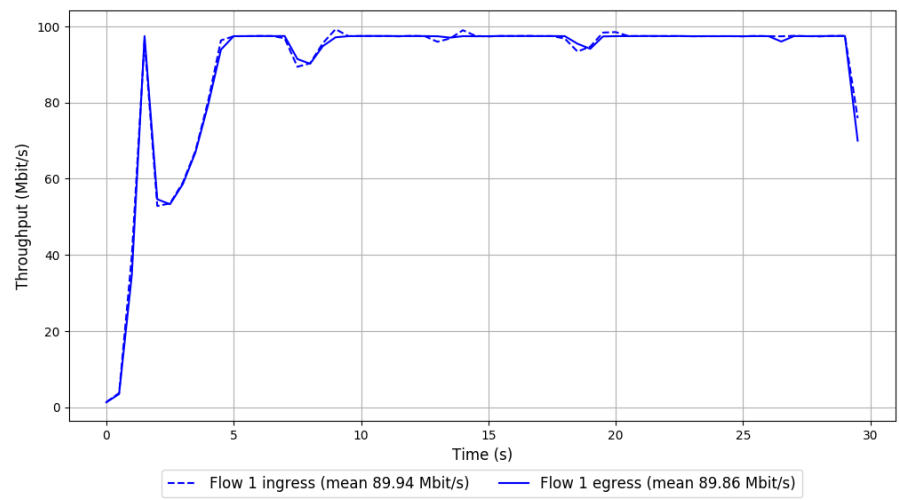
-- Flow 1:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 34.732 ms

Loss rate: 0.27%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-02 10:43:36

End at: 2018-02-02 10:44:06

Local clock offset: 0.855 ms

Remote clock offset: 2.056 ms

Below is generated by plot.py at 2018-02-02 17:20:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.95 Mbit/s

95th percentile per-packet one-way delay: 34.922 ms

Loss rate: 0.25%

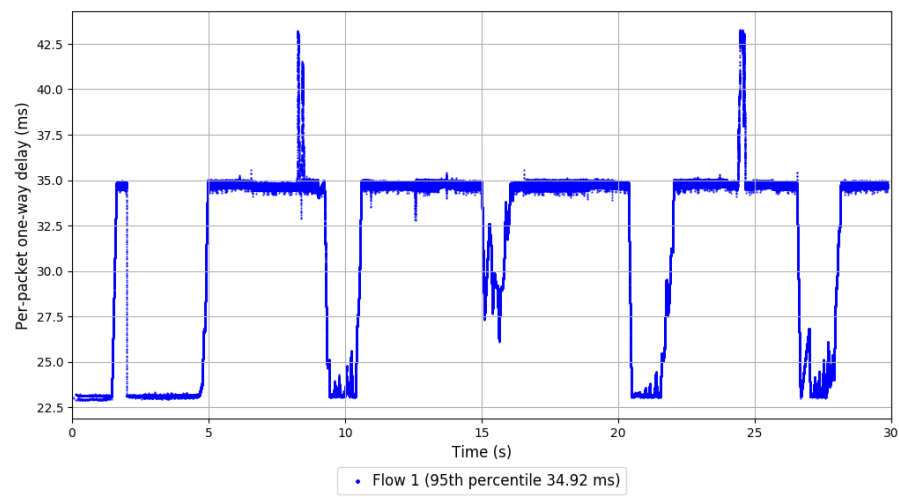
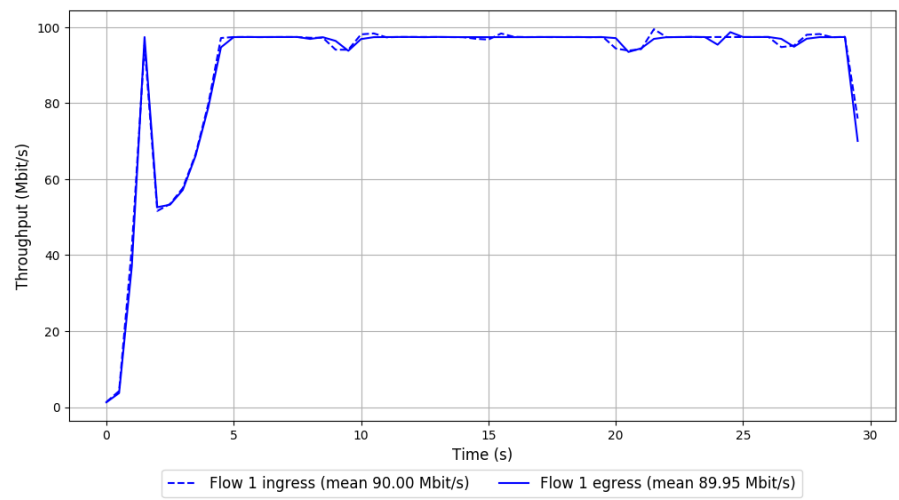
-- Flow 1:

Average throughput: 89.95 Mbit/s

95th percentile per-packet one-way delay: 34.922 ms

Loss rate: 0.25%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

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

End at: 2018-02-02 11:08:06

Local clock offset: 0.839 ms

Remote clock offset: -1.594 ms

Below is generated by plot.py at 2018-02-02 17:20:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 37.527 ms

Loss rate: 0.26%

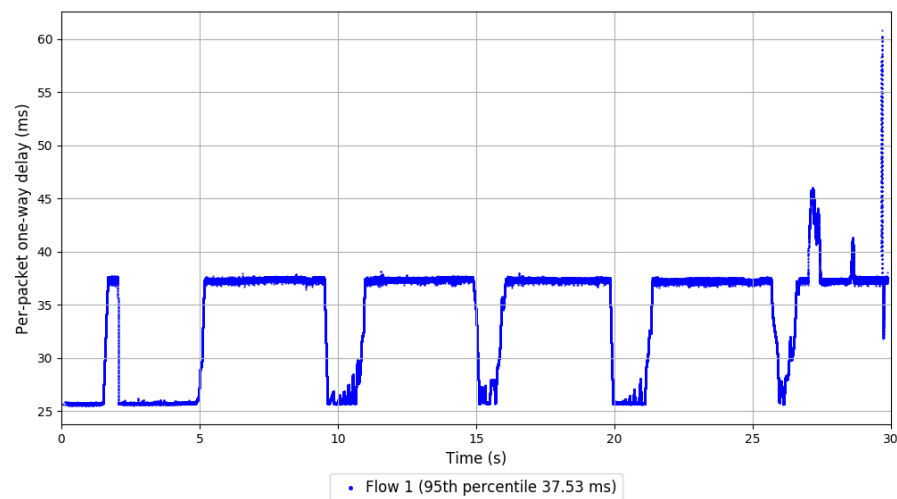
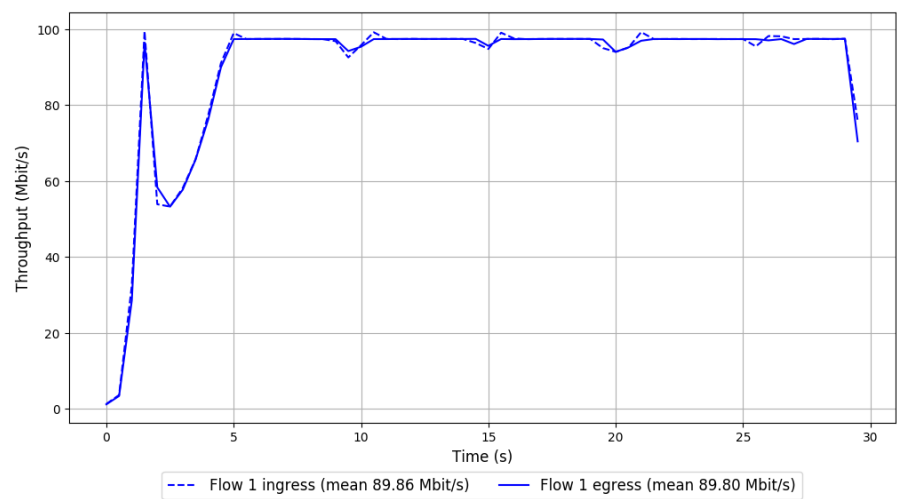
-- Flow 1:

Average throughput: 89.80 Mbit/s

95th percentile per-packet one-way delay: 37.527 ms

Loss rate: 0.26%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-02 11:31:34

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

Local clock offset: 1.074 ms

Remote clock offset: 0.329 ms

Below is generated by plot.py at 2018-02-02 17:20:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 41.187 ms

Loss rate: 0.31%

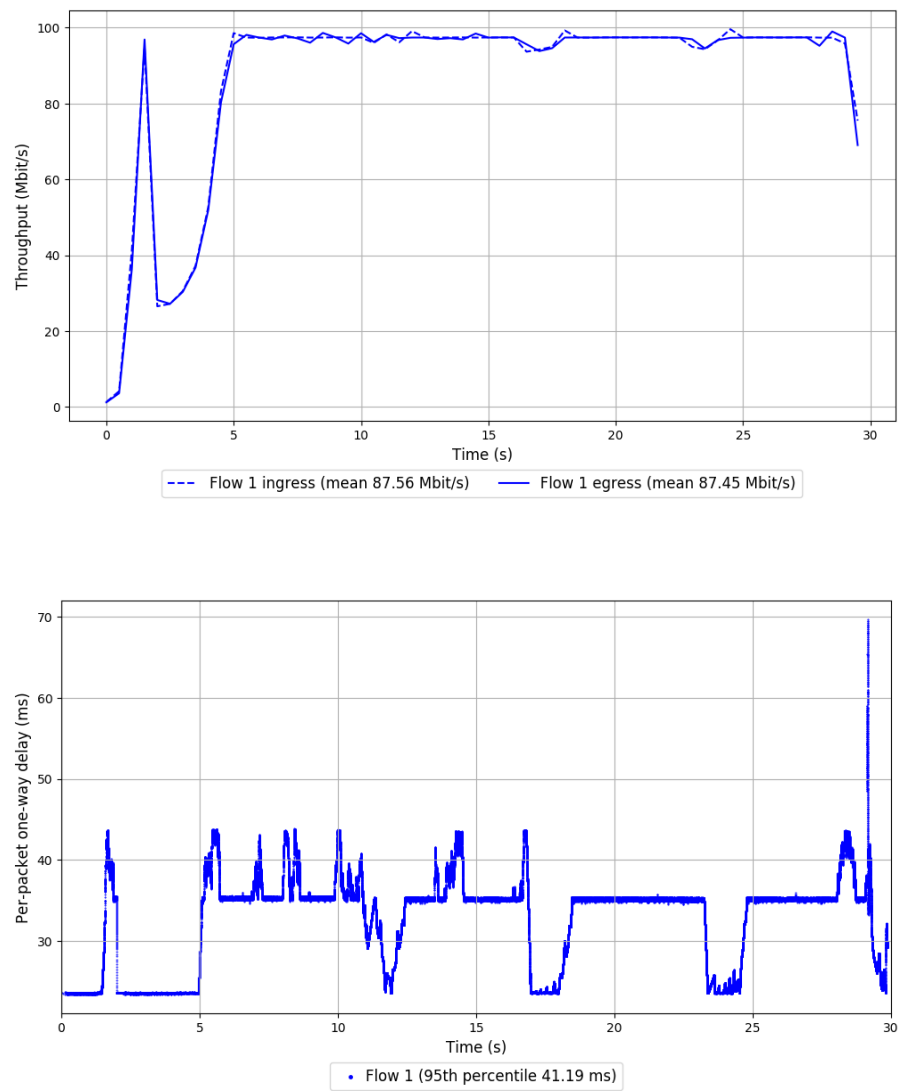
-- Flow 1:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 41.187 ms

Loss rate: 0.31%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-02 11:55:40

End at: 2018-02-02 11:56:10

Local clock offset: 0.983 ms

Remote clock offset: -1.832 ms

Below is generated by plot.py at 2018-02-02 17:20:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.23 Mbit/s

95th percentile per-packet one-way delay: 37.376 ms

Loss rate: 0.37%

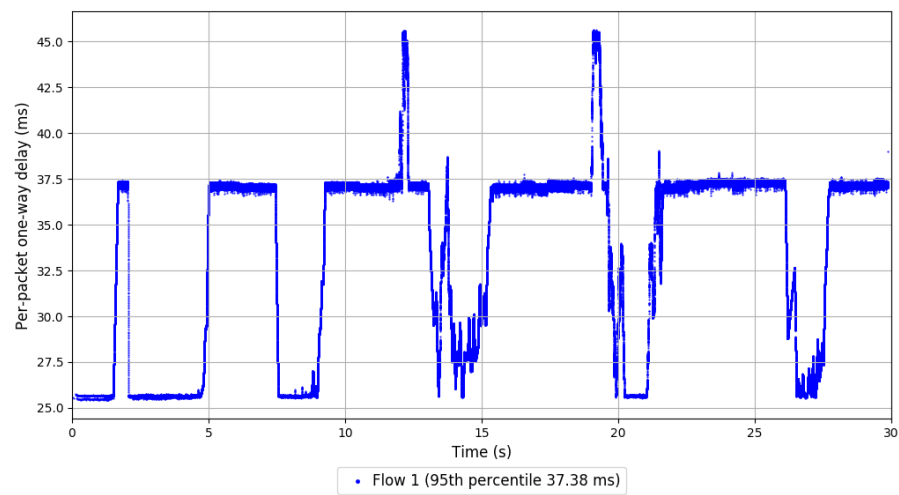
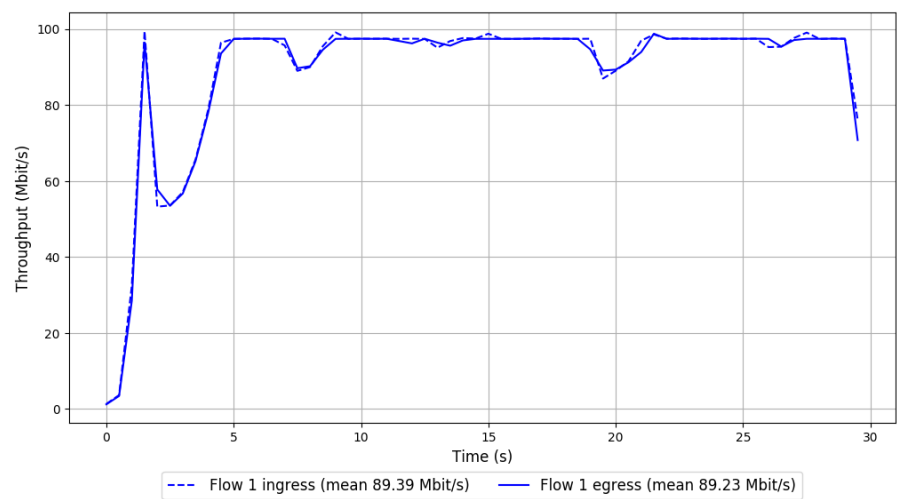
-- Flow 1:

Average throughput: 89.23 Mbit/s

95th percentile per-packet one-way delay: 37.376 ms

Loss rate: 0.37%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-02 12:19:36

End at: 2018-02-02 12:20:06

Local clock offset: 0.851 ms

Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-02-02 17:21:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 39.150 ms

Loss rate: 0.38%

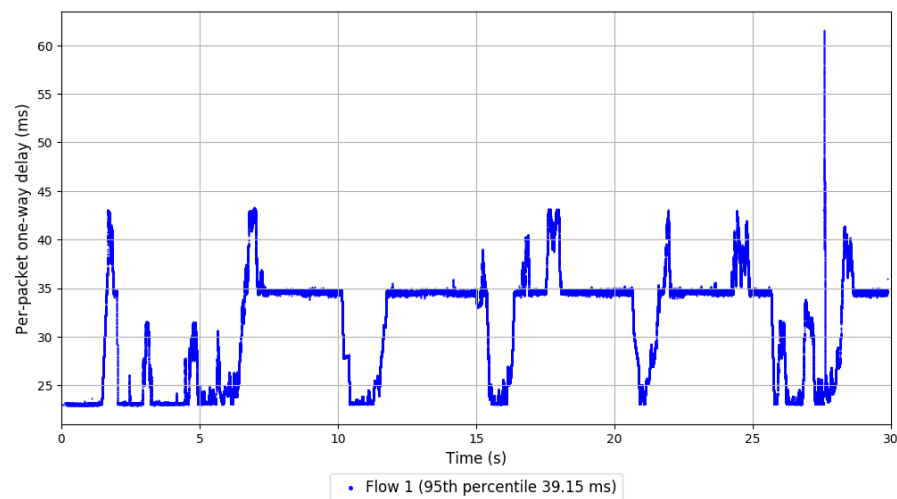
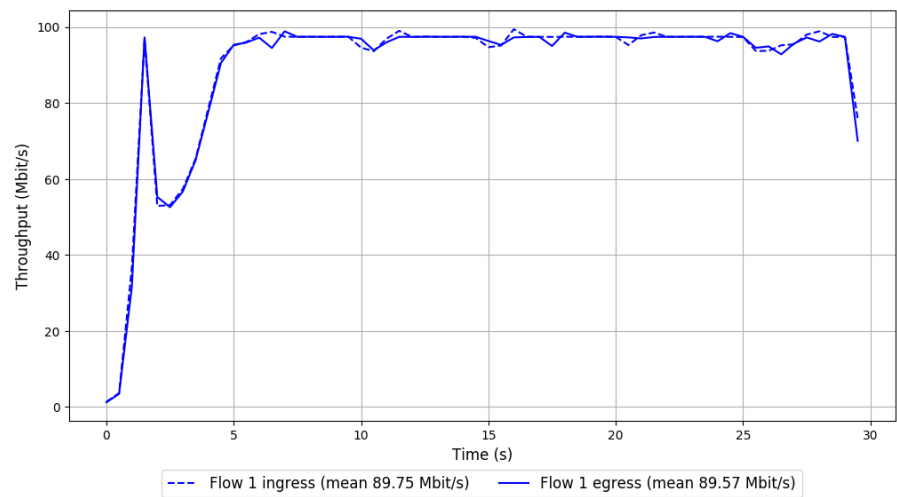
-- Flow 1:

Average throughput: 89.57 Mbit/s

95th percentile per-packet one-way delay: 39.150 ms

Loss rate: 0.38%

Run 9: Report of Vivace-loss — Data Link

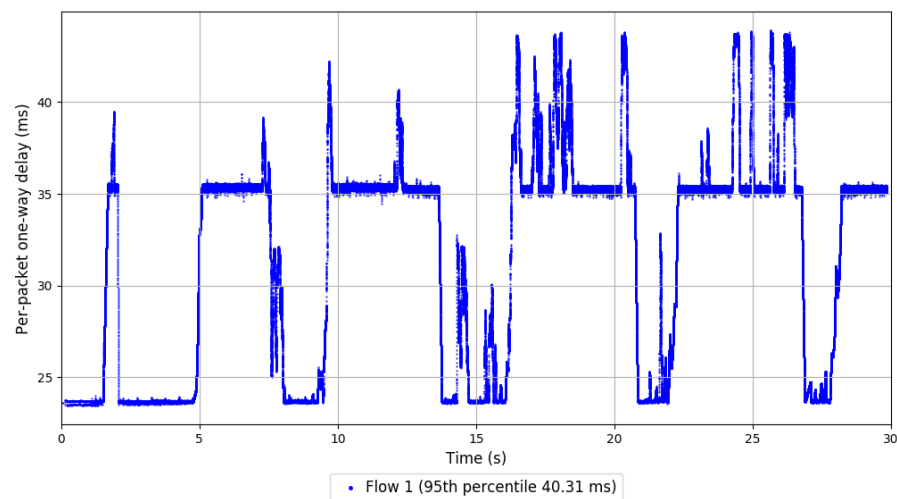
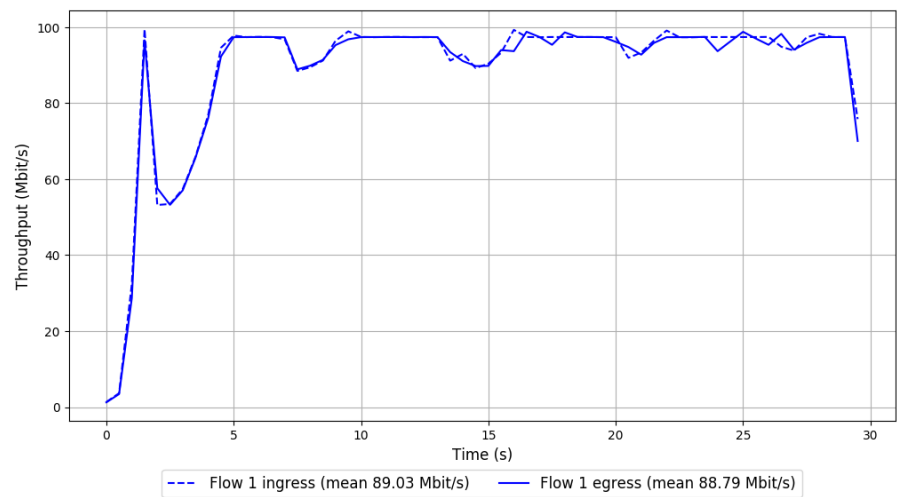


Run 10: Statistics of Vivace-loss

Start at: 2018-02-02 12:43:36
End at: 2018-02-02 12:44:06
Local clock offset: 1.081 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-02-02 17:21:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 40.311 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 88.79 Mbit/s
95th percentile per-packet one-way delay: 40.311 ms
Loss rate: 0.46%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

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

End at: 2018-02-02 09:13:33

Local clock offset: 0.245 ms

Remote clock offset: 0.033 ms

Below is generated by plot.py at 2018-02-02 17:21:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 37.266 ms

Loss rate: 0.18%

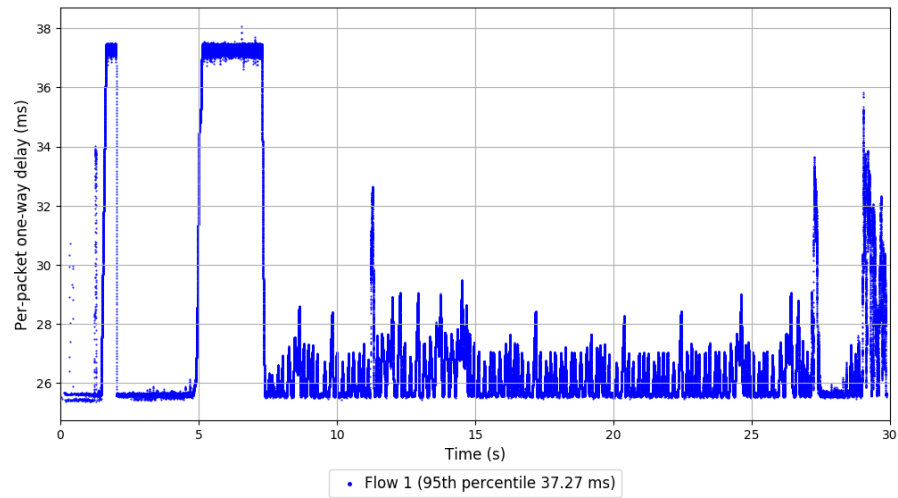
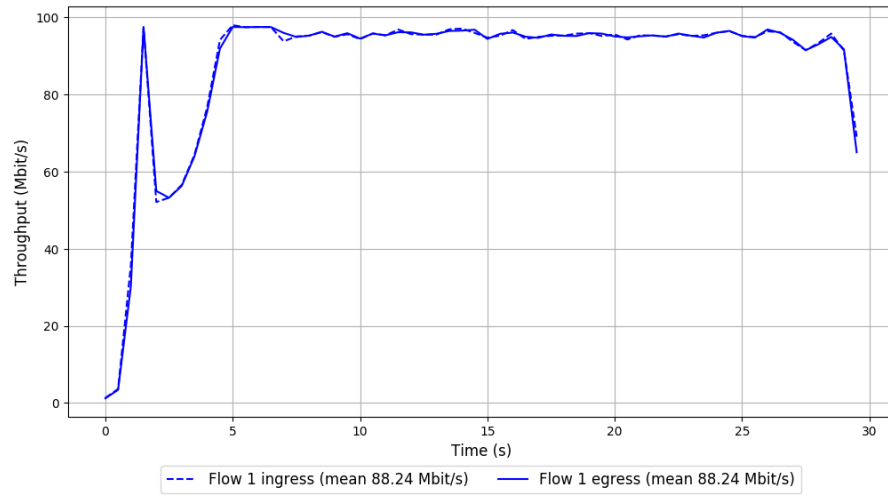
-- Flow 1:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 37.266 ms

Loss rate: 0.18%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-02 09:36:59

End at: 2018-02-02 09:37:29

Local clock offset: 0.612 ms

Remote clock offset: 2.413 ms

Below is generated by plot.py at 2018-02-02 17:21:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.17 Mbit/s

95th percentile per-packet one-way delay: 34.959 ms

Loss rate: 0.28%

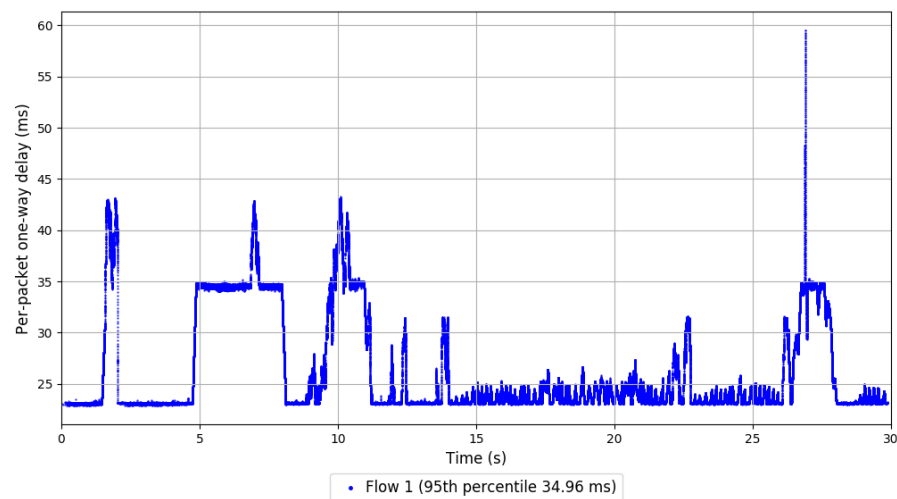
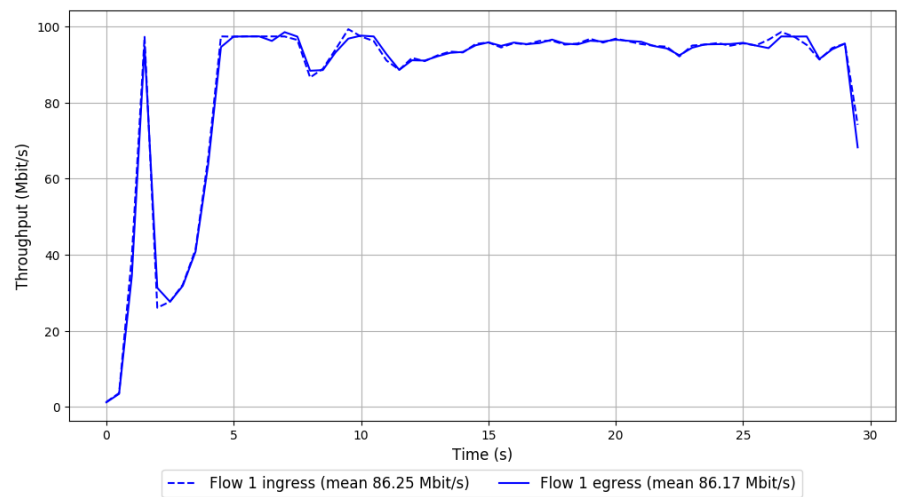
-- Flow 1:

Average throughput: 86.17 Mbit/s

95th percentile per-packet one-way delay: 34.959 ms

Loss rate: 0.28%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-02 10:00:54

End at: 2018-02-02 10:01:24

Local clock offset: 0.86 ms

Remote clock offset: 2.591 ms

Below is generated by plot.py at 2018-02-02 17:21:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.69 Mbit/s

95th percentile per-packet one-way delay: 34.581 ms

Loss rate: 0.23%

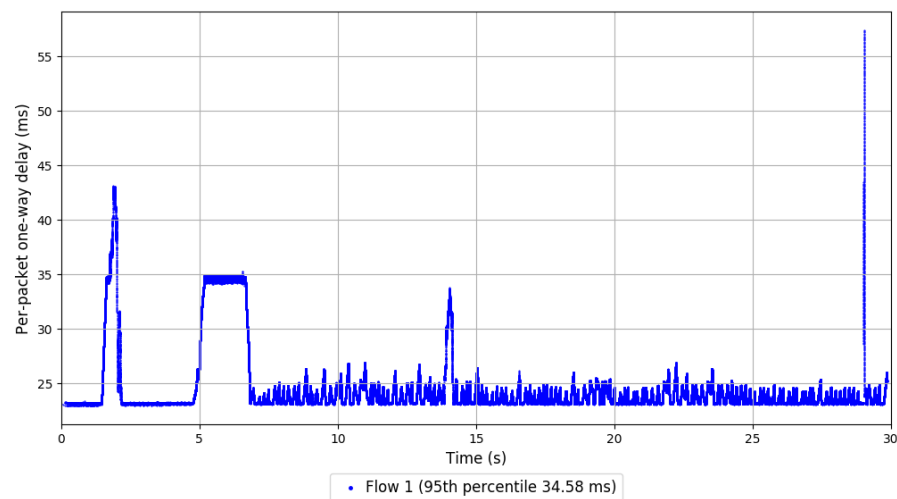
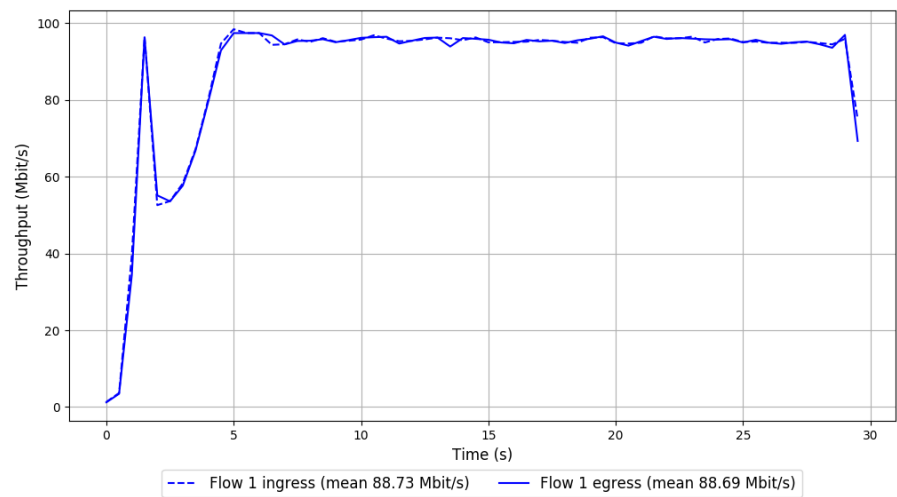
-- Flow 1:

Average throughput: 88.69 Mbit/s

95th percentile per-packet one-way delay: 34.581 ms

Loss rate: 0.23%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-02 10:24:51

End at: 2018-02-02 10:25:21

Local clock offset: 0.76 ms

Remote clock offset: 2.423 ms

Below is generated by plot.py at 2018-02-02 17:21:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 34.496 ms

Loss rate: 0.34%

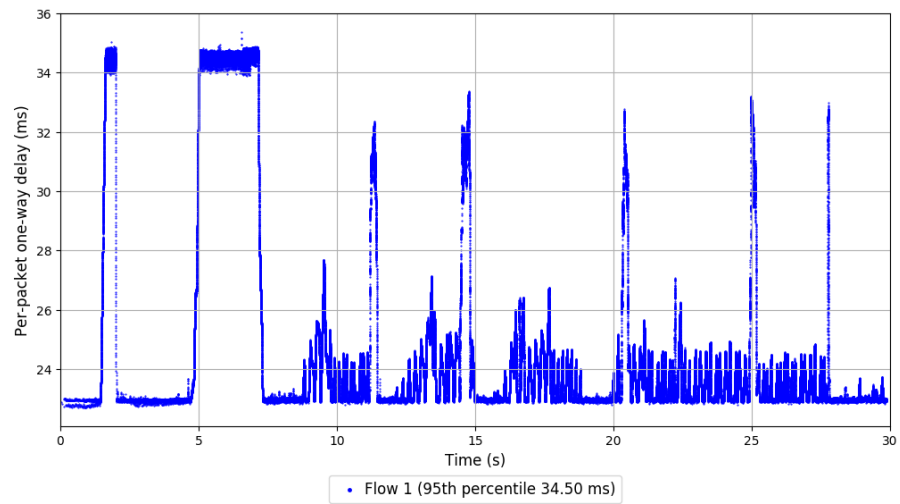
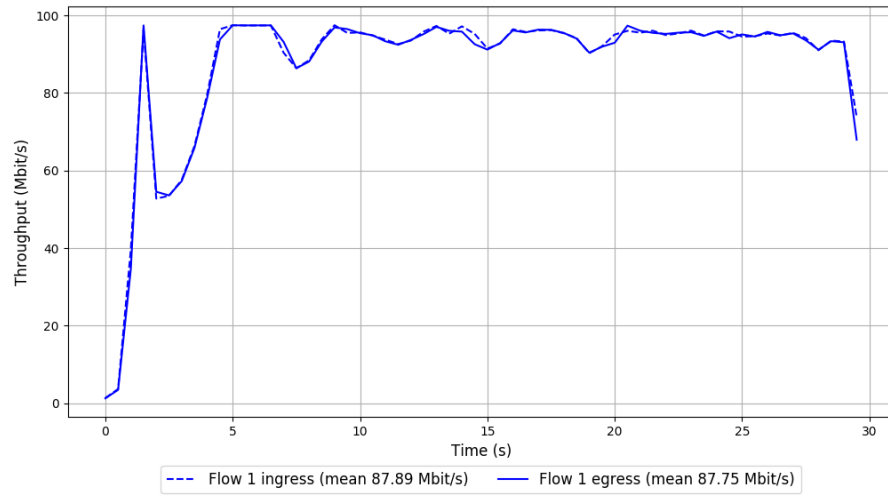
-- Flow 1:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 34.496 ms

Loss rate: 0.34%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-02 10:48:53

End at: 2018-02-02 10:49:23

Local clock offset: 0.769 ms

Remote clock offset: 1.522 ms

Below is generated by plot.py at 2018-02-02 17:21:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.04 Mbit/s

95th percentile per-packet one-way delay: 35.108 ms

Loss rate: 0.22%

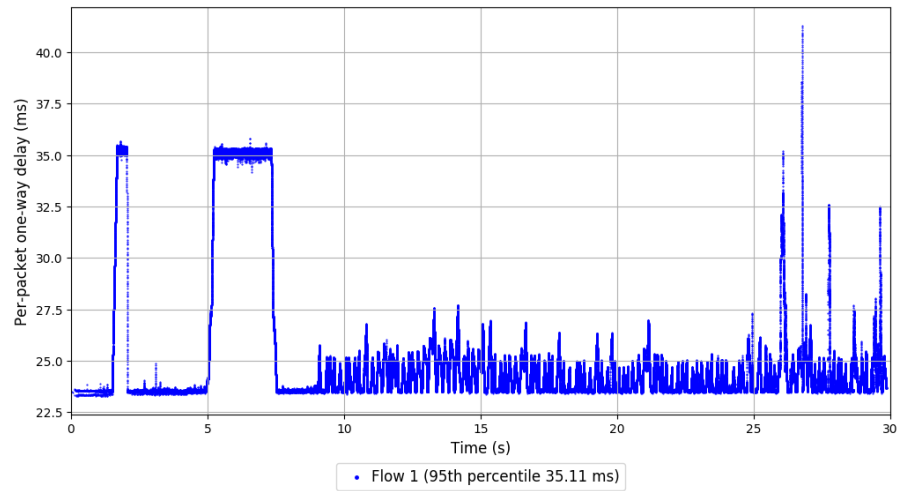
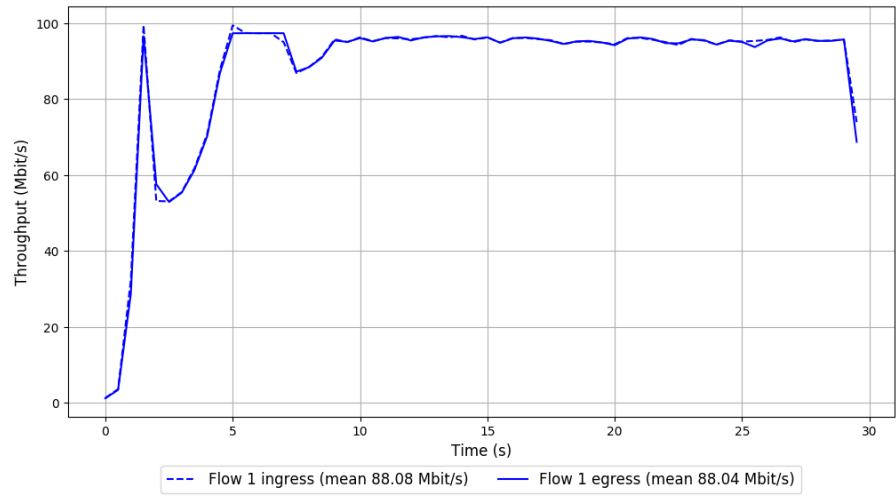
-- Flow 1:

Average throughput: 88.04 Mbit/s

95th percentile per-packet one-way delay: 35.108 ms

Loss rate: 0.22%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-02 11:12:51

End at: 2018-02-02 11:13:21

Local clock offset: 0.855 ms

Remote clock offset: 0.886 ms

Below is generated by plot.py at 2018-02-02 17:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 34.686 ms

Loss rate: 0.23%

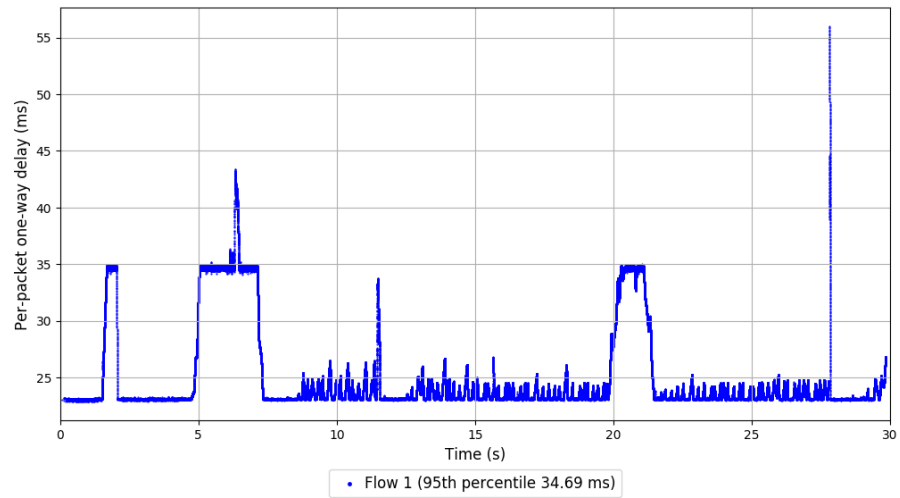
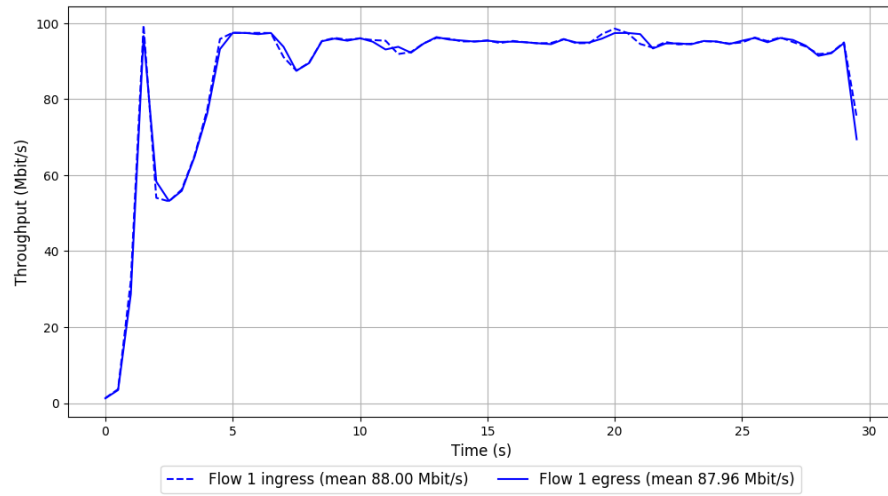
-- Flow 1:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 34.686 ms

Loss rate: 0.23%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-02 11:36:52

End at: 2018-02-02 11:37:22

Local clock offset: 0.995 ms

Remote clock offset: 0.383 ms

Below is generated by plot.py at 2018-02-02 17:22:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.49 Mbit/s

95th percentile per-packet one-way delay: 34.991 ms

Loss rate: 0.29%

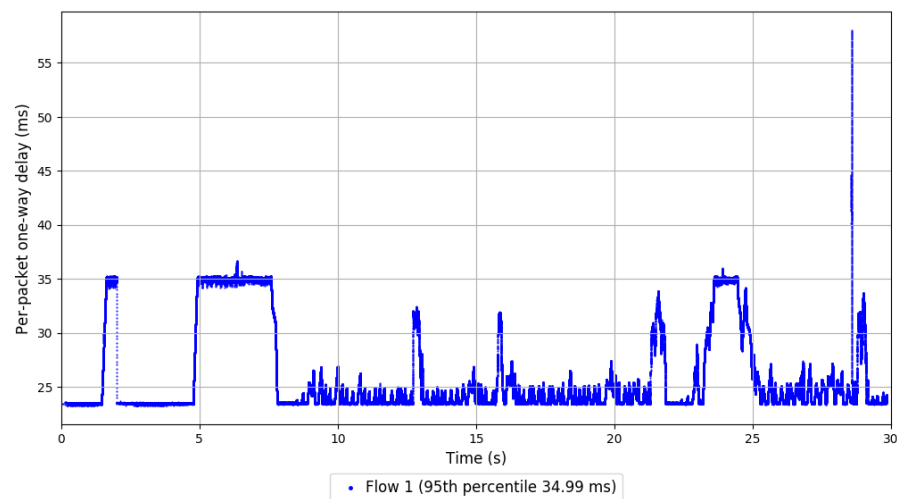
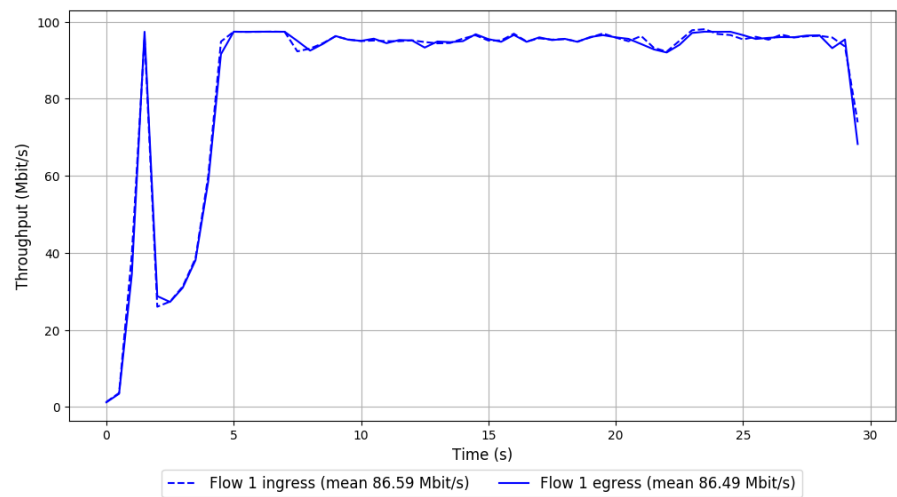
-- Flow 1:

Average throughput: 86.49 Mbit/s

95th percentile per-packet one-way delay: 34.991 ms

Loss rate: 0.29%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-02 12:00:56

End at: 2018-02-02 12:01:26

Local clock offset: 0.969 ms

Remote clock offset: 0.192 ms

Below is generated by plot.py at 2018-02-02 17:22:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.43 Mbit/s

95th percentile per-packet one-way delay: 35.234 ms

Loss rate: 0.20%

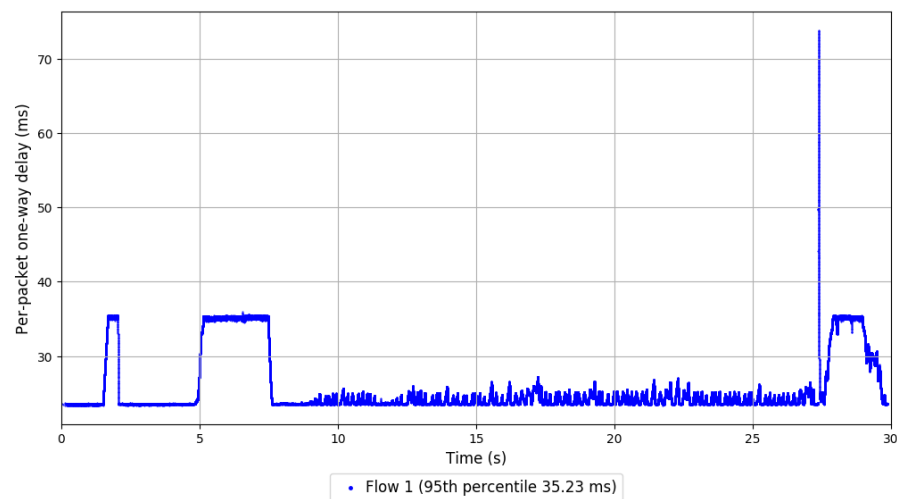
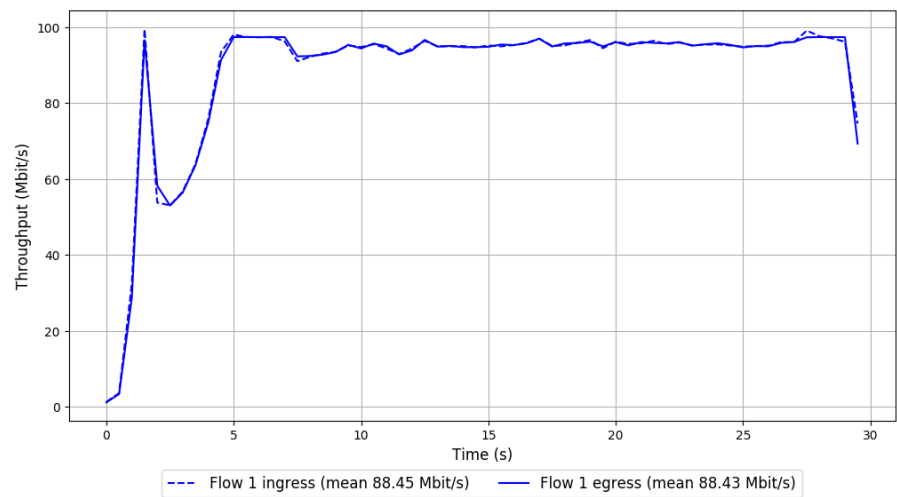
-- Flow 1:

Average throughput: 88.43 Mbit/s

95th percentile per-packet one-way delay: 35.234 ms

Loss rate: 0.20%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-02 12:24:53

End at: 2018-02-02 12:25:23

Local clock offset: 0.99 ms

Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-02-02 17:22:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 35.826 ms

Loss rate: 0.27%

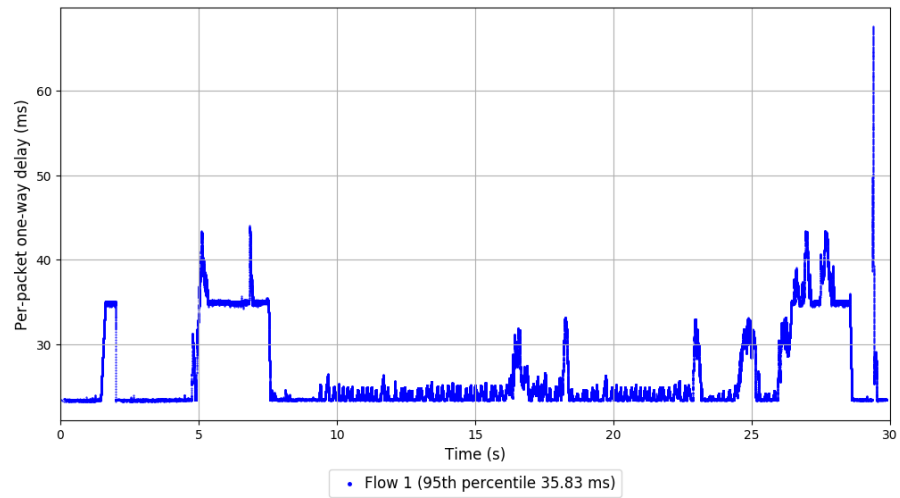
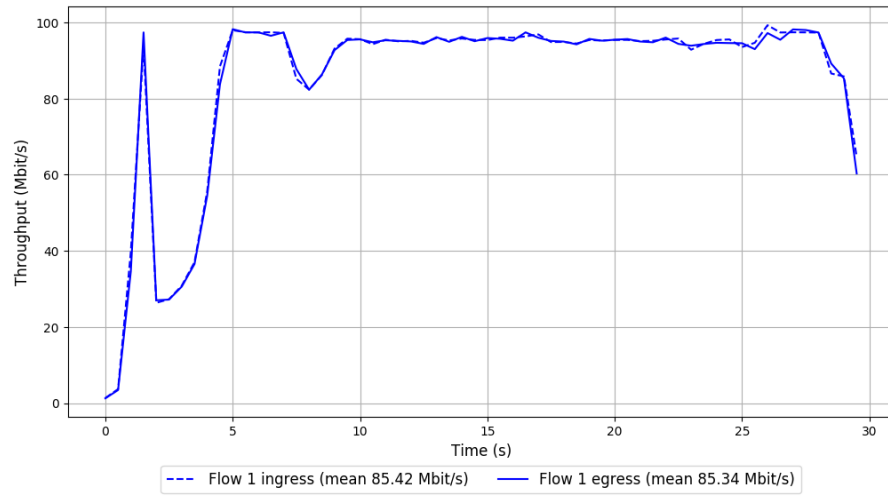
-- Flow 1:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 35.826 ms

Loss rate: 0.27%

Run 9: Report of Vivace-LTE — Data Link



```
Run 10: Statistics of Vivace-LTE

Start at: 2018-02-02 12:48:52
End at: 2018-02-02 12:49:22
Local clock offset: 1.036 ms
Remote clock offset: 0.165 ms

# Below is generated by plot.py at 2018-02-02 17:22:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 35.383 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 35.383 ms
Loss rate: 0.55%
```

Run 10: Report of Vivace-LTE — Data Link

