

Pantheon Report

Generated at 2018-04-10 16:39:46 (UTC).

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

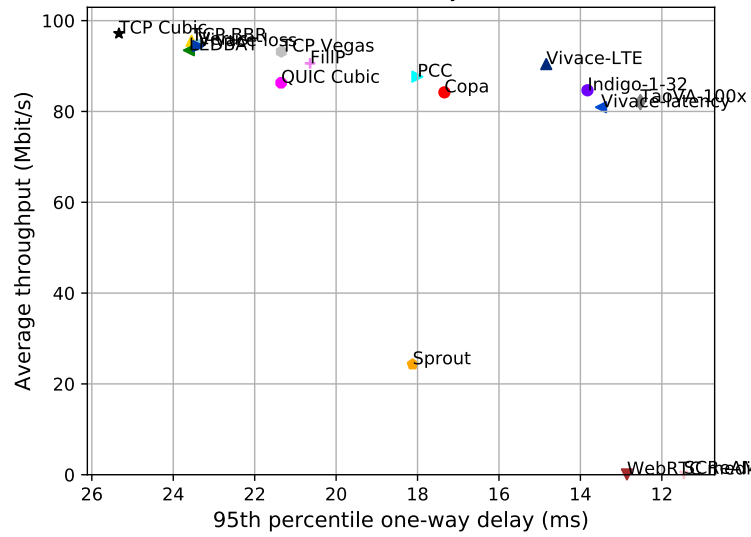
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

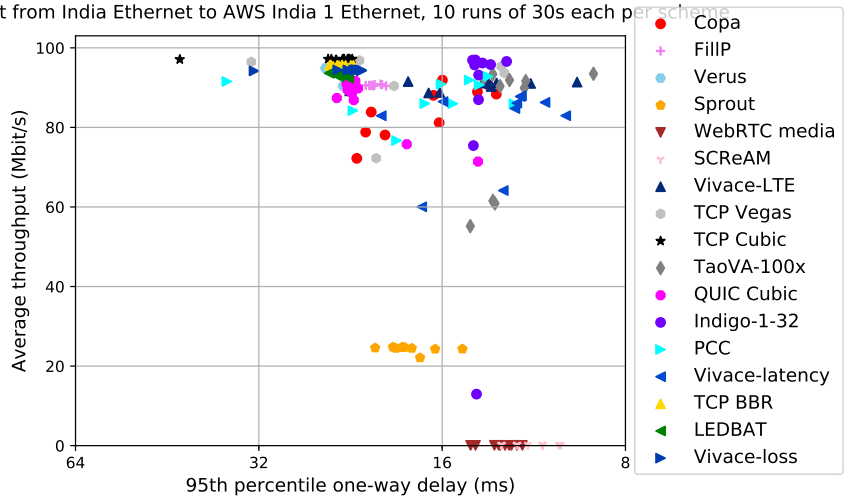
Git summary:

```
branch: master @ eb420b5be9bafccd22cf68b99ff5a2000462fc59
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 11f8c46a2bf1dc797253db7e8ca04076272b2a44
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ f271183af822eee5d0031620f4bebf38aedc5581
```

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



test from India Ethernet to AWS India 1 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	95.57	23.55	0.12
TCP Cubic	10	97.15	25.33	0.13
LEDBAT	10	93.46	23.62	0.13
PCC	10	87.66	18.00	0.08
QUIC Cubic	10	86.31	21.35	0.10
SCReAM	10	0.21	11.46	0.05
WebRTC media	10	0.06	12.86	0.01
Sprout	10	24.32	18.12	0.09
TaoVA-100x	10	82.05	12.53	0.08
TCP Vegas	10	93.18	21.35	0.07
Verus	10	94.69	23.39	0.13
Copa	10	84.21	17.34	0.08
FillP	10	90.59	20.64	0.09
Indigo-1-32	10	84.66	13.83	0.07
Vivace-latency	10	80.94	13.49	0.09
Vivace-loss	10	94.40	23.39	0.12
Vivace-LTE	10	90.43	14.84	0.08

Run 1: Statistics of TCP BBR

Start at: 2018-04-10 09:12:20

End at: 2018-04-10 09:12:51

Local clock offset: 0.463 ms

Remote clock offset: 6.023 ms

Below is generated by plot.py at 2018-04-10 16:13:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 24.482 ms

Loss rate: 0.12%

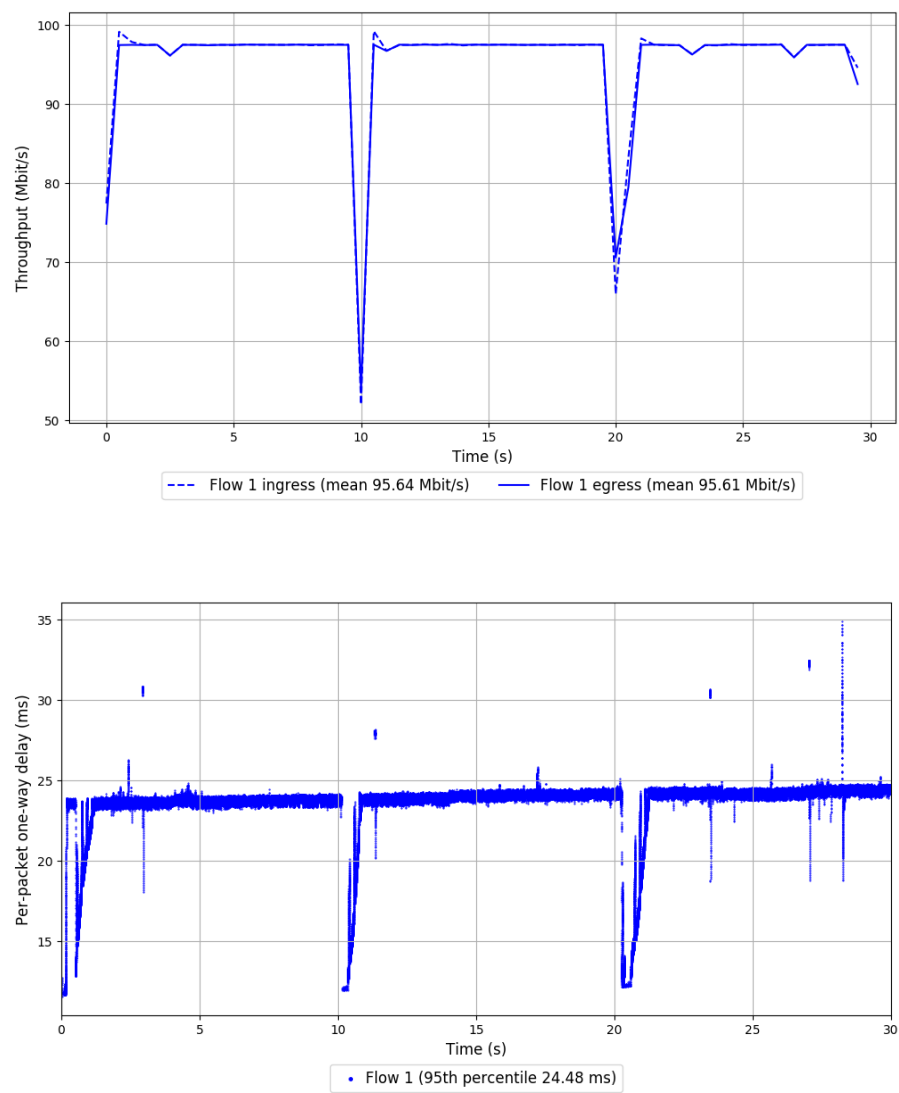
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 24.482 ms

Loss rate: 0.12%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-04-10 09:33:26

End at: 2018-04-10 09:33:56

Local clock offset: 1.038 ms

Remote clock offset: 23.106 ms

Below is generated by plot.py at 2018-04-10 16:13:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 23.352 ms

Loss rate: 0.12%

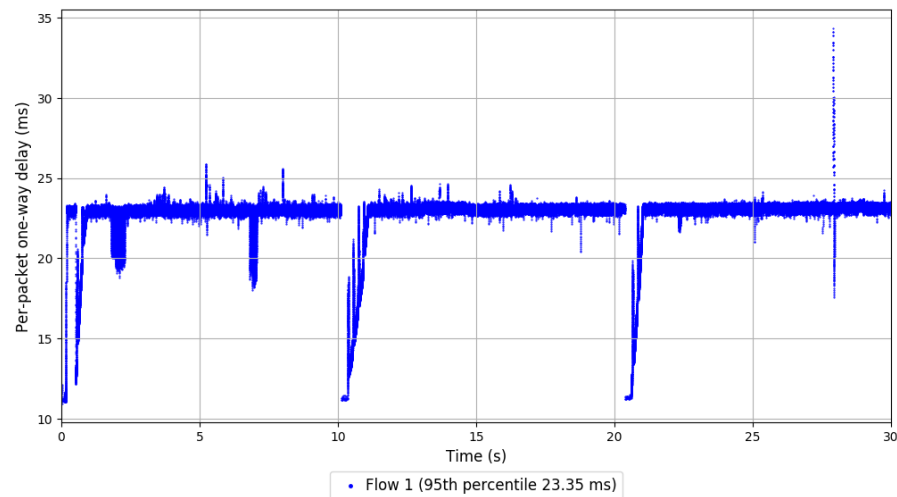
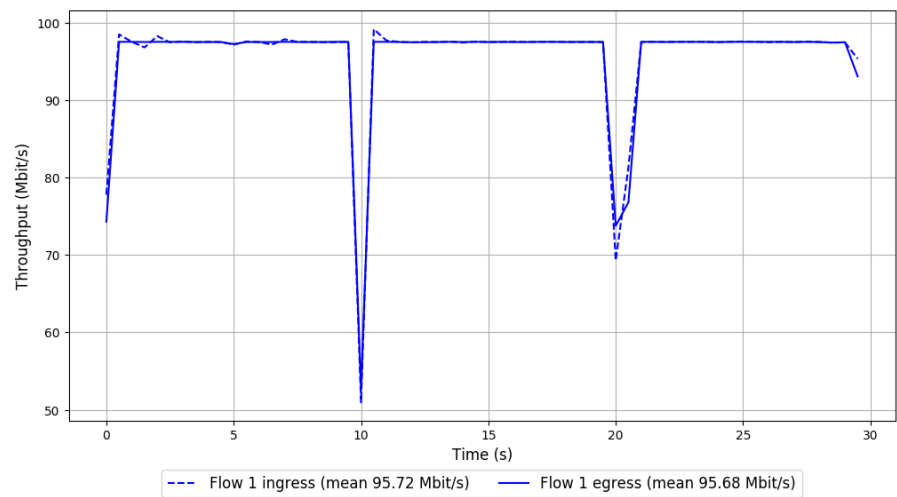
-- Flow 1:

Average throughput: 95.68 Mbit/s

95th percentile per-packet one-way delay: 23.352 ms

Loss rate: 0.12%

Run 2: Report of TCP BBR — Data Link

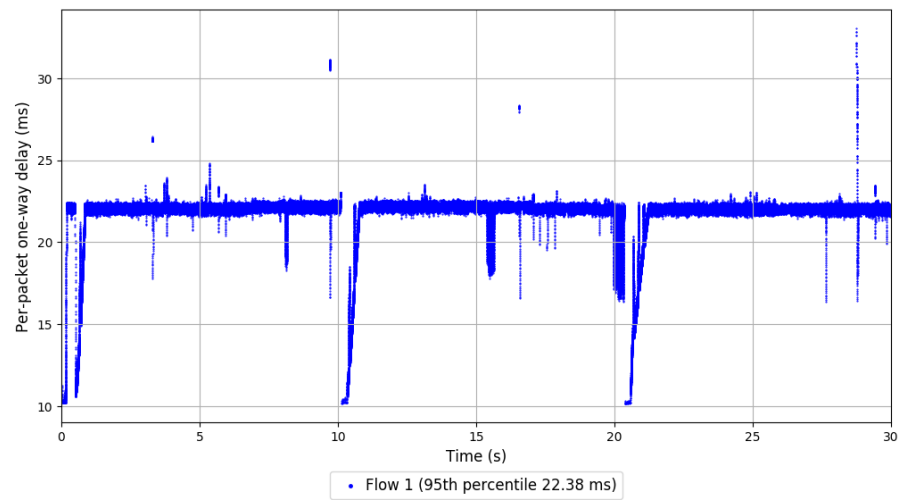
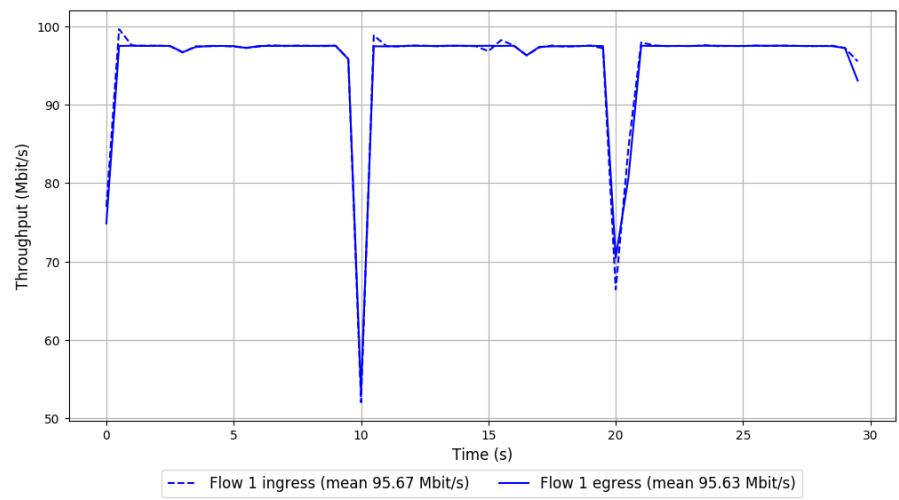


Run 3: Statistics of TCP BBR

Start at: 2018-04-10 09:54:30
End at: 2018-04-10 09:55:00
Local clock offset: -0.123 ms
Remote clock offset: 18.144 ms

Below is generated by plot.py at 2018-04-10 16:13:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 22.382 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 22.382 ms
Loss rate: 0.12%

Run 3: Report of TCP BBR — Data Link

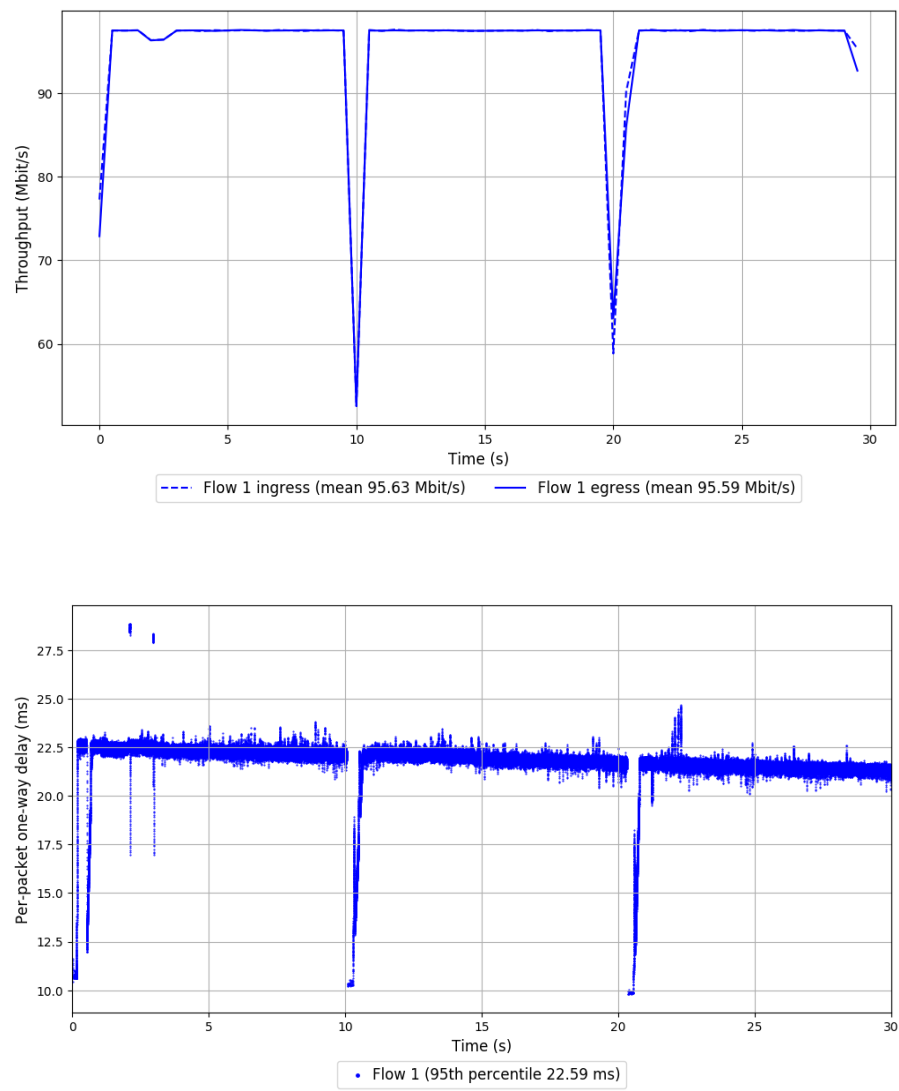


Run 4: Statistics of TCP BBR

Start at: 2018-04-10 10:15:55
End at: 2018-04-10 10:16:25
Local clock offset: -0.28 ms
Remote clock offset: 16.816 ms

Below is generated by plot.py at 2018-04-10 16:13:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 22.588 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 22.588 ms
Loss rate: 0.12%

Run 4: Report of TCP BBR — Data Link

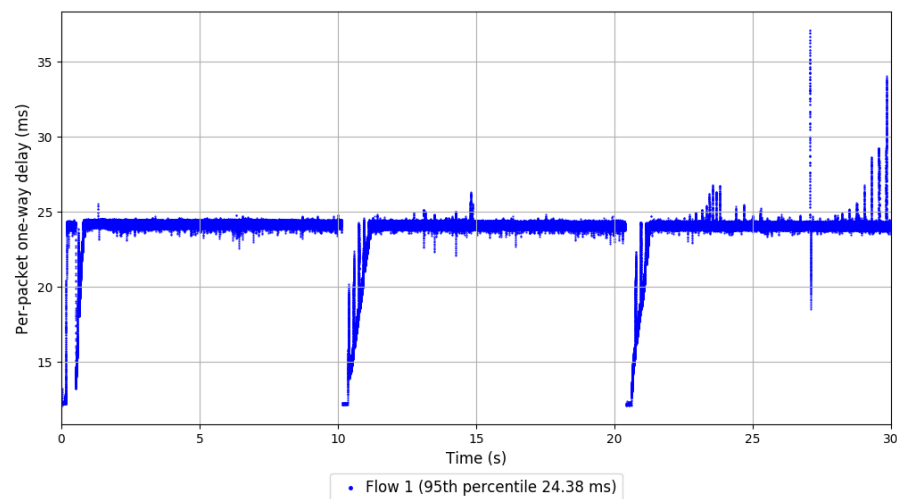
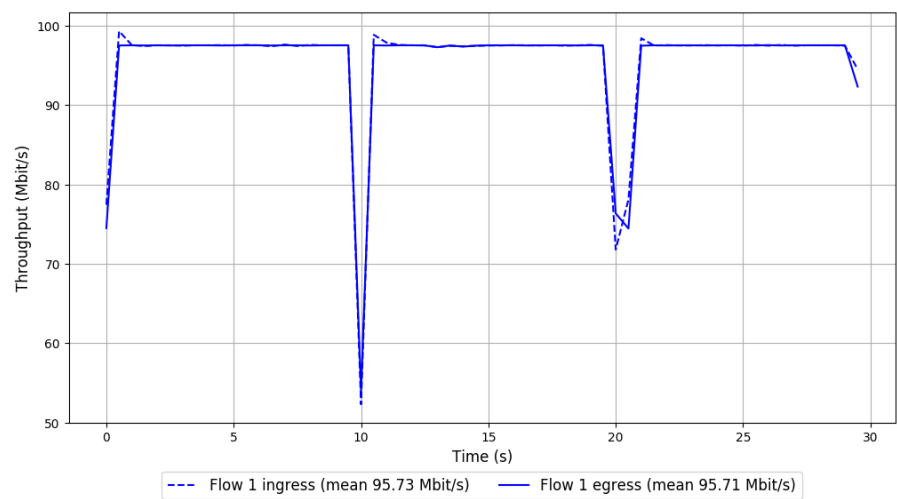


Run 5: Statistics of TCP BBR

Start at: 2018-04-10 10:37:10
End at: 2018-04-10 10:37:40
Local clock offset: 0.097 ms
Remote clock offset: -5.277 ms

Below is generated by plot.py at 2018-04-10 16:13:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 24.382 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 24.382 ms
Loss rate: 0.12%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-04-10 10:58:01

End at: 2018-04-10 10:58:31

Local clock offset: -0.948 ms

Remote clock offset: 7.915 ms

Below is generated by plot.py at 2018-04-10 16:13:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 23.050 ms

Loss rate: 0.12%

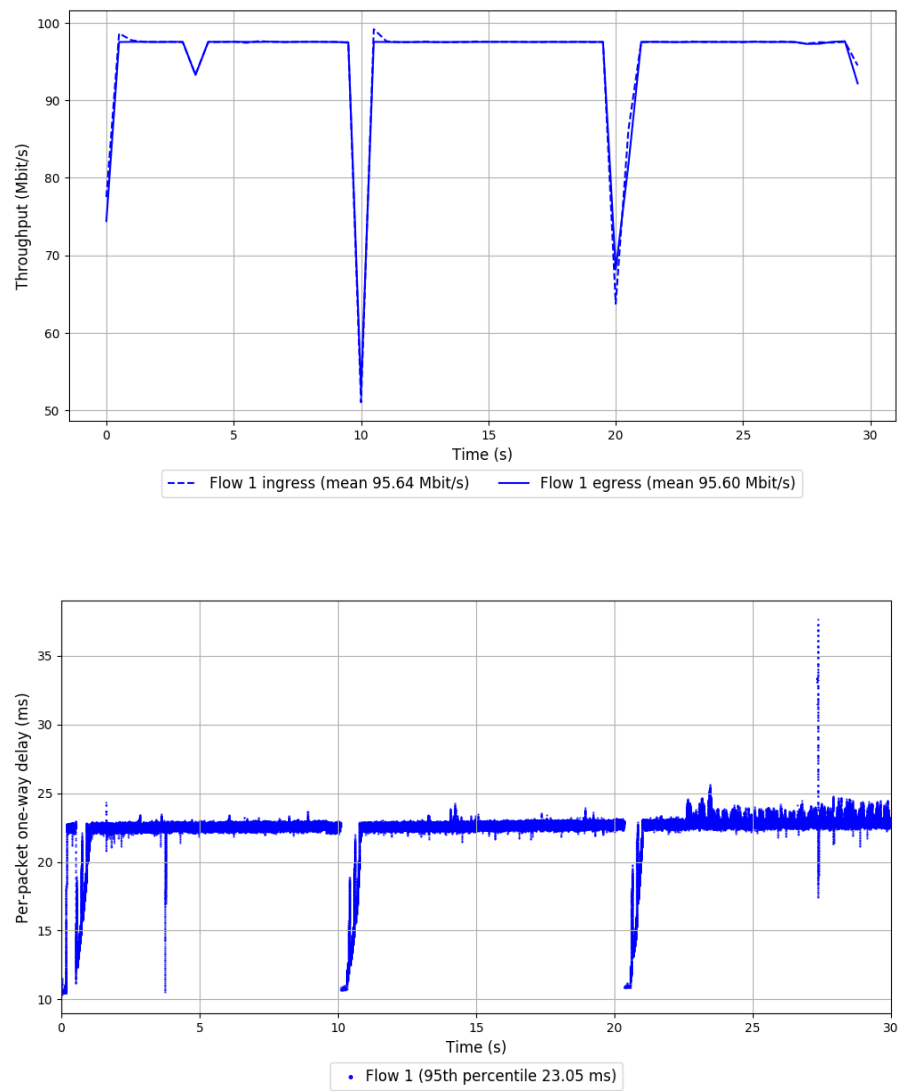
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 23.050 ms

Loss rate: 0.12%

Run 6: Report of TCP BBR — Data Link

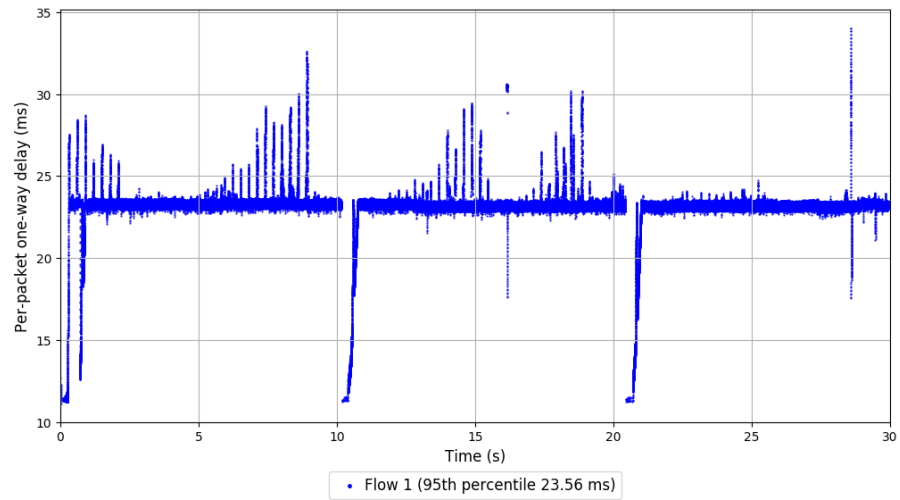
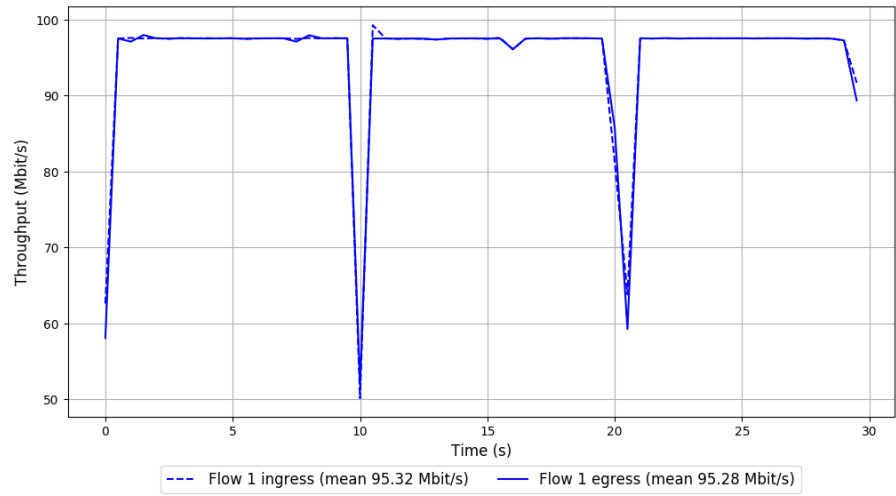


Run 7: Statistics of TCP BBR

Start at: 2018-04-10 11:19:30
End at: 2018-04-10 11:20:00
Local clock offset: -0.709 ms
Remote clock offset: 18.026 ms

Below is generated by plot.py at 2018-04-10 16:13:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 23.564 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 23.564 ms
Loss rate: 0.12%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-04-10 11:40:27

End at: 2018-04-10 11:40:57

Local clock offset: 1.358 ms

Remote clock offset: 2.11 ms

Below is generated by plot.py at 2018-04-10 16:13:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 23.786 ms

Loss rate: 0.13%

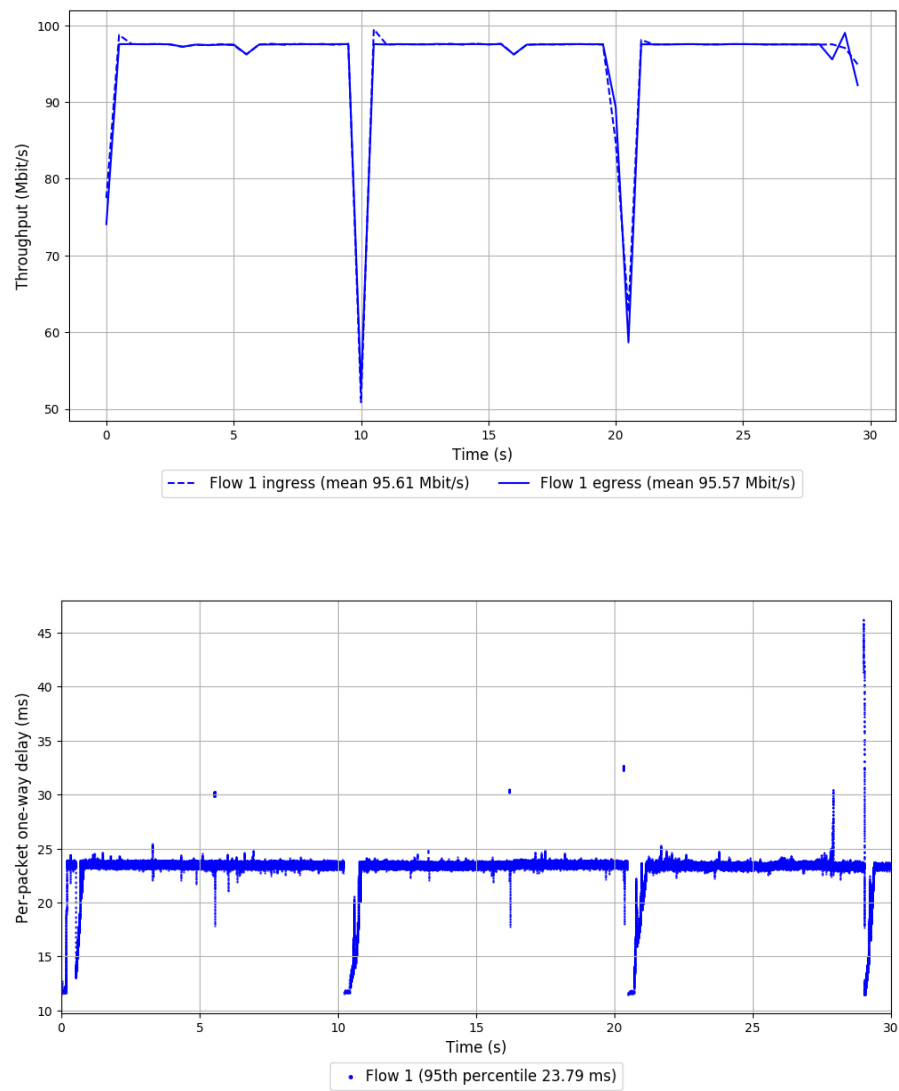
-- Flow 1:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 23.786 ms

Loss rate: 0.13%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-04-10 12:01:41

End at: 2018-04-10 12:02:11

Local clock offset: 0.514 ms

Remote clock offset: 6.431 ms

Below is generated by plot.py at 2018-04-10 16:14:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 23.754 ms

Loss rate: 0.12%

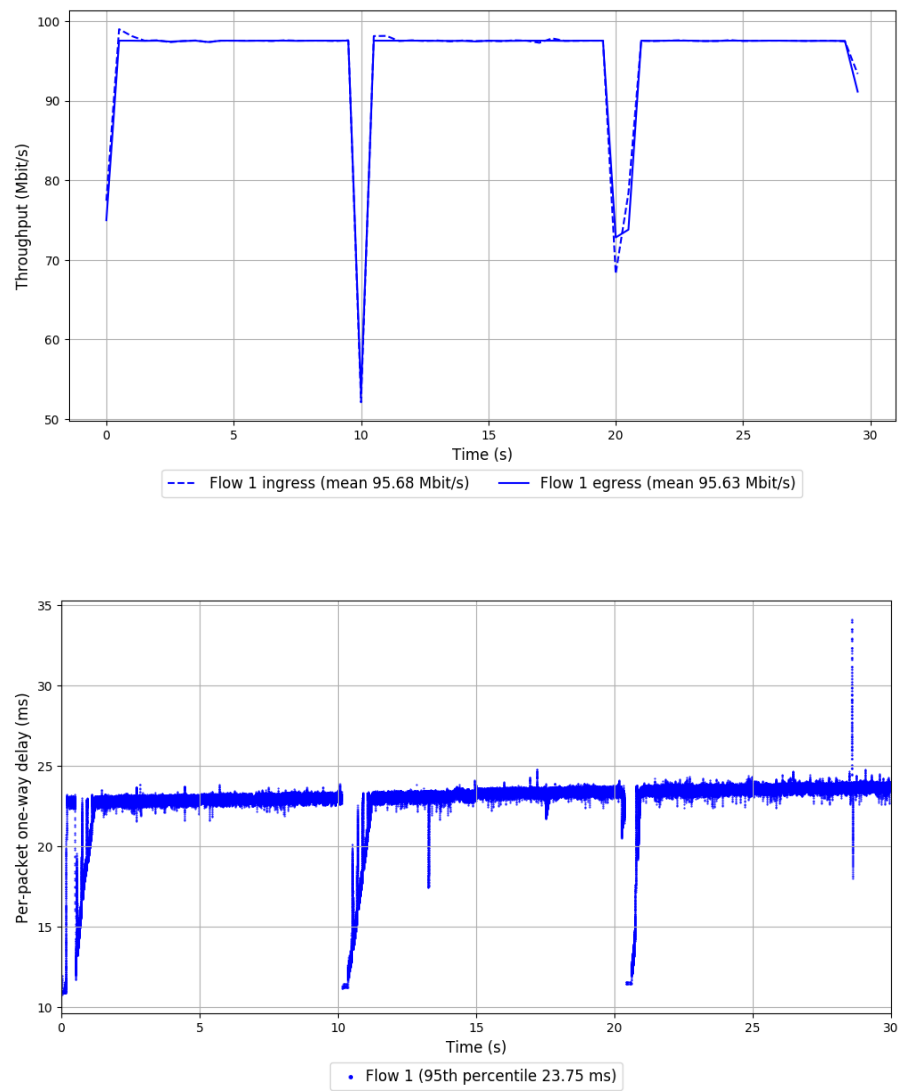
-- Flow 1:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 23.754 ms

Loss rate: 0.12%

Run 9: Report of TCP BBR — Data Link

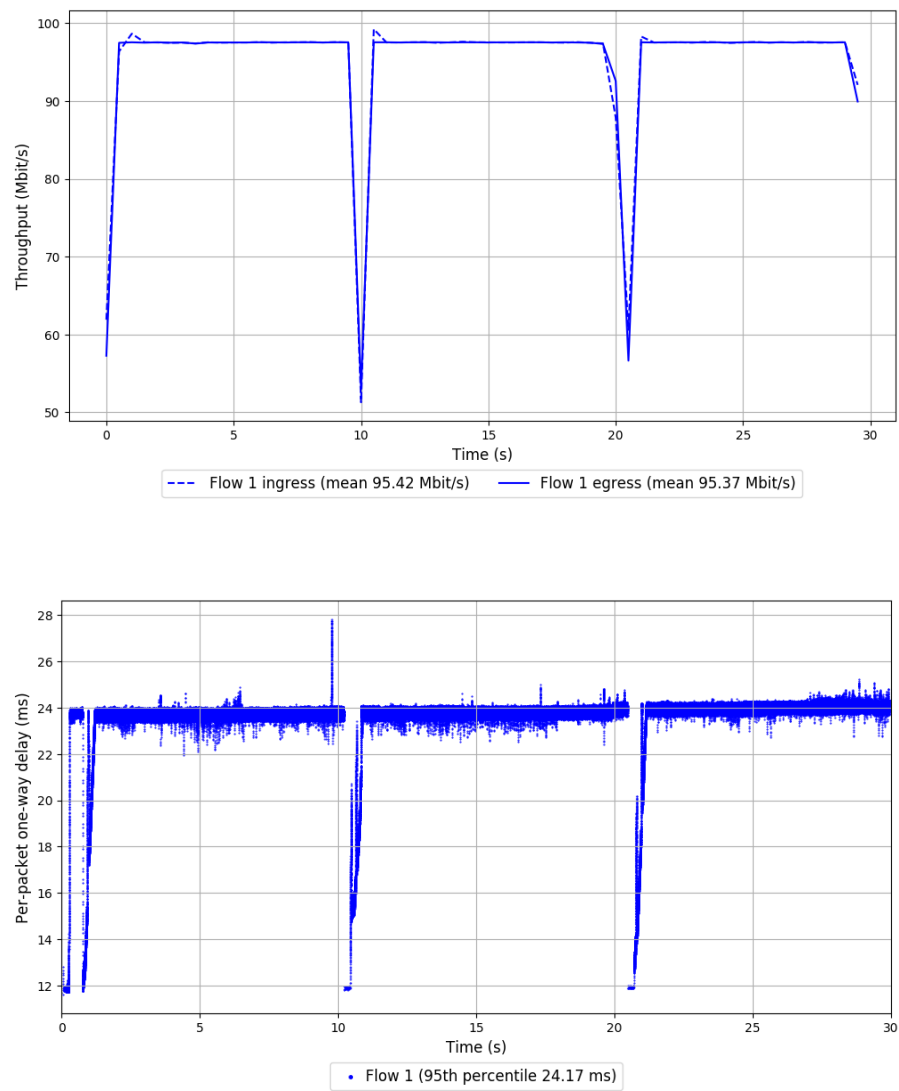


Run 10: Statistics of TCP BBR

Start at: 2018-04-10 12:22:41
End at: 2018-04-10 12:23:11
Local clock offset: -0.314 ms
Remote clock offset: 21.034 ms

Below is generated by plot.py at 2018-04-10 16:14:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 24.166 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 24.166 ms
Loss rate: 0.12%

Run 10: Report of TCP BBR — Data Link

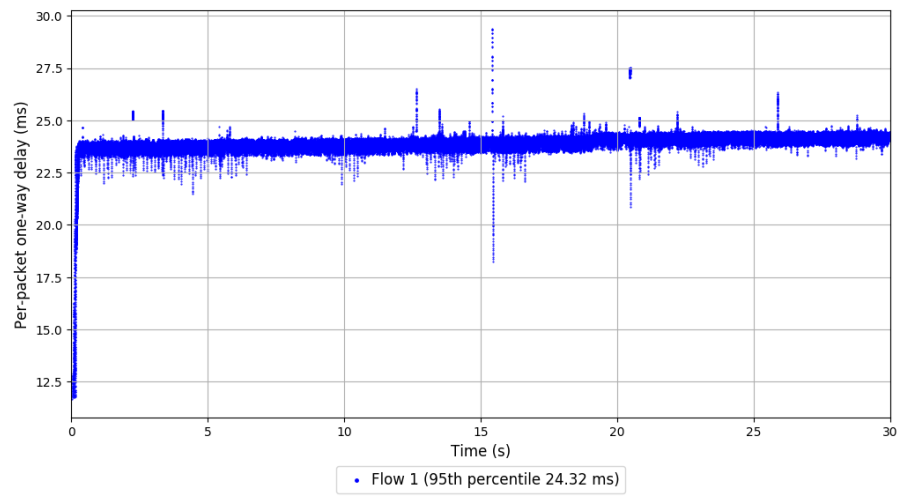
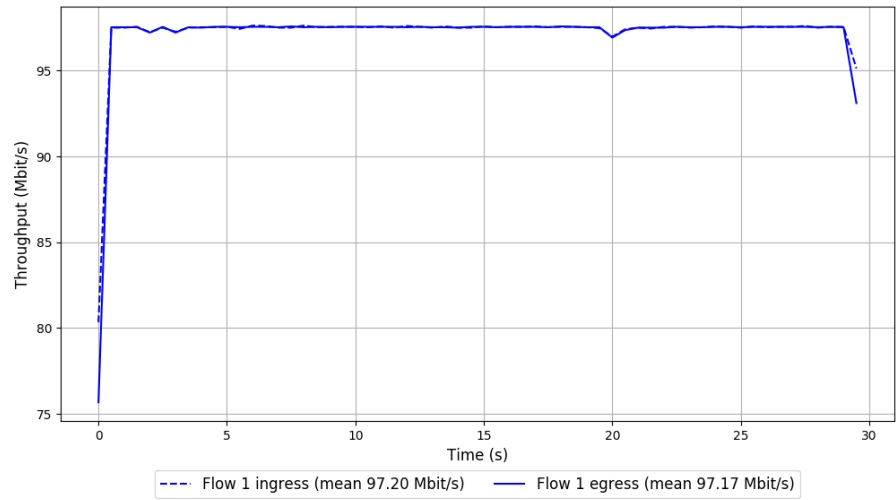


Run 1: Statistics of TCP Cubic

Start at: 2018-04-10 09:19:12
End at: 2018-04-10 09:19:42
Local clock offset: 1.524 ms
Remote clock offset: 14.719 ms

Below is generated by plot.py at 2018-04-10 16:14:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 24.321 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 24.321 ms
Loss rate: 0.12%

Run 1: Report of TCP Cubic — Data Link

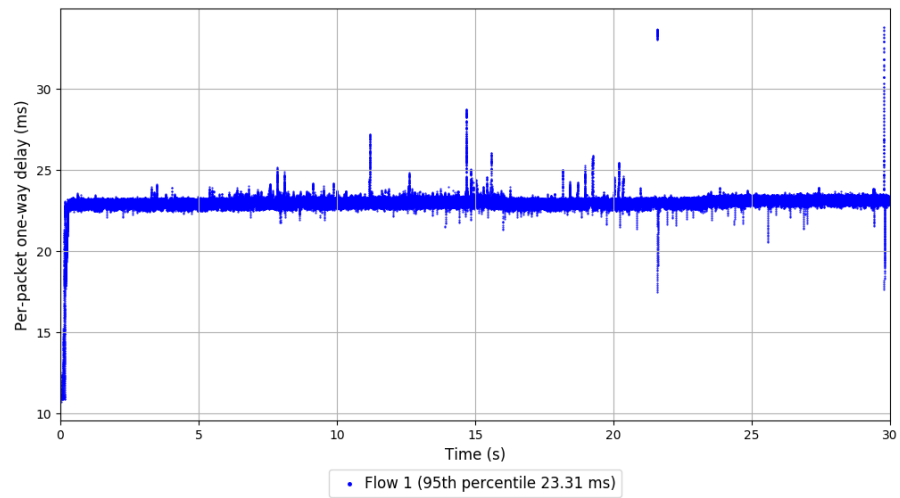
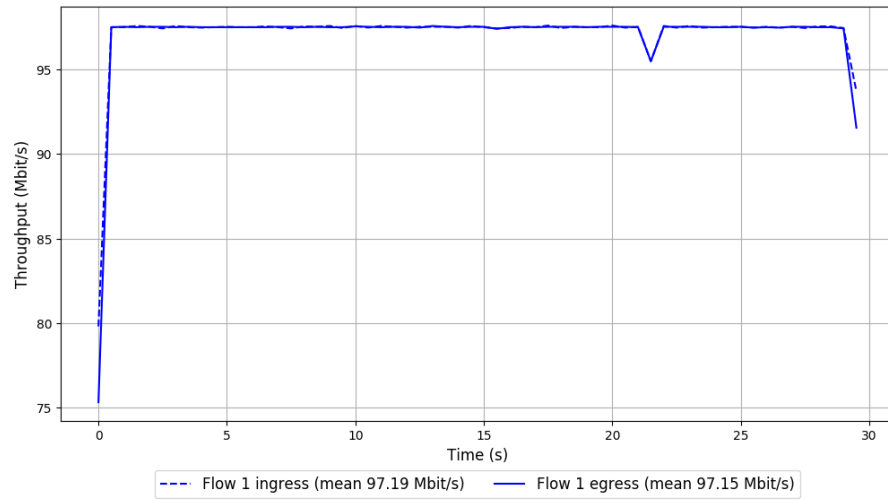


Run 2: Statistics of TCP Cubic

Start at: 2018-04-10 09:40:29
End at: 2018-04-10 09:40:59
Local clock offset: 1.296 ms
Remote clock offset: 26.769 ms

Below is generated by plot.py at 2018-04-10 16:14:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 23.314 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 23.314 ms
Loss rate: 0.12%

Run 2: Report of TCP Cubic — Data Link

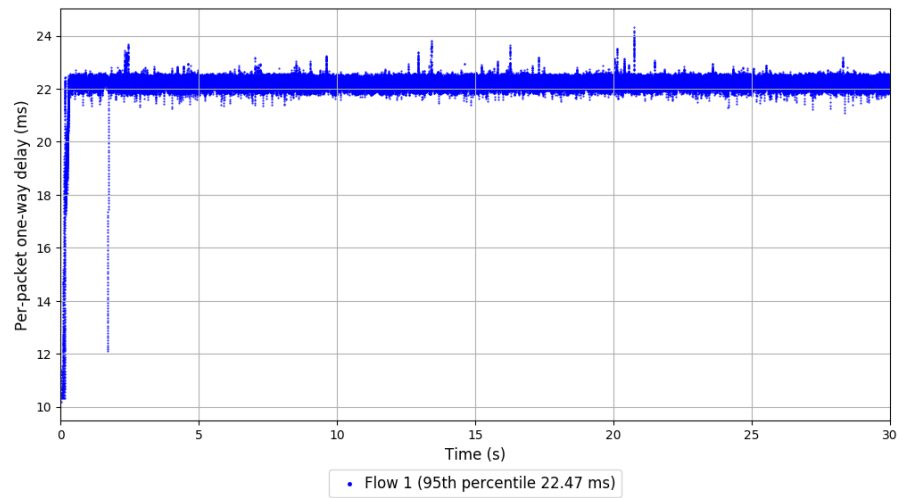
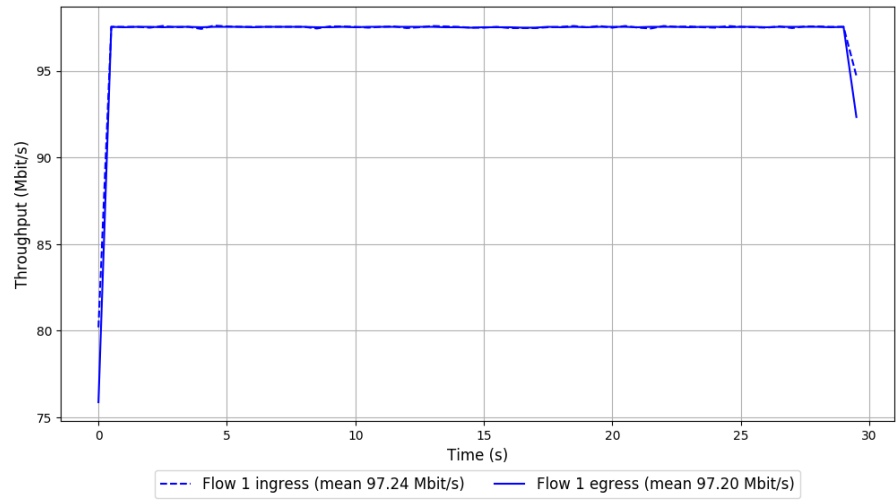


Run 3: Statistics of TCP Cubic

Start at: 2018-04-10 10:01:33
End at: 2018-04-10 10:02:03
Local clock offset: -0.303 ms
Remote clock offset: 17.465 ms

Below is generated by plot.py at 2018-04-10 16:14:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 22.474 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 22.474 ms
Loss rate: 0.12%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-04-10 10:23:00

End at: 2018-04-10 10:23:30

Local clock offset: -0.194 ms

Remote clock offset: 4.762 ms

Below is generated by plot.py at 2018-04-10 16:14:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 22.870 ms

Loss rate: 0.12%

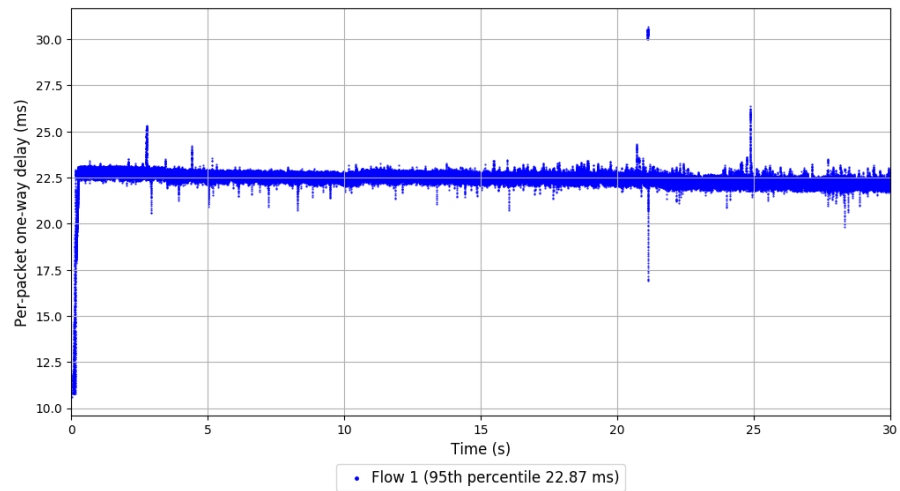
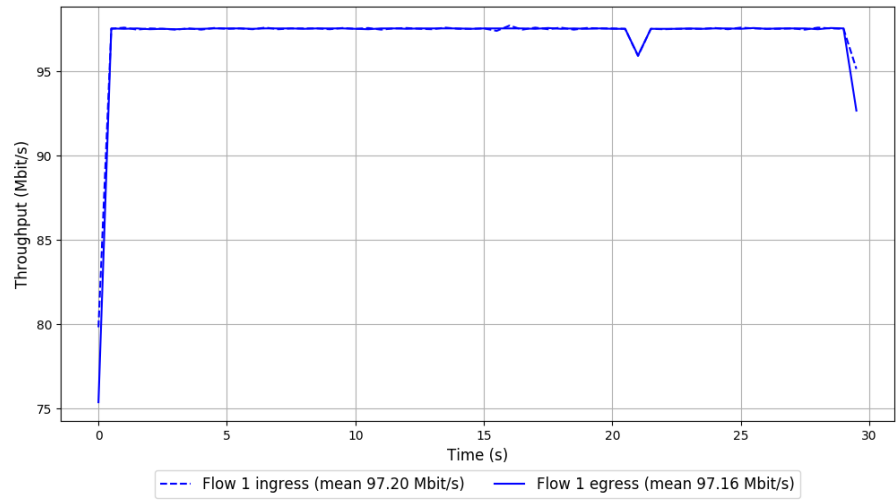
-- Flow 1:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 22.870 ms

Loss rate: 0.12%

Run 4: Report of TCP Cubic — Data Link

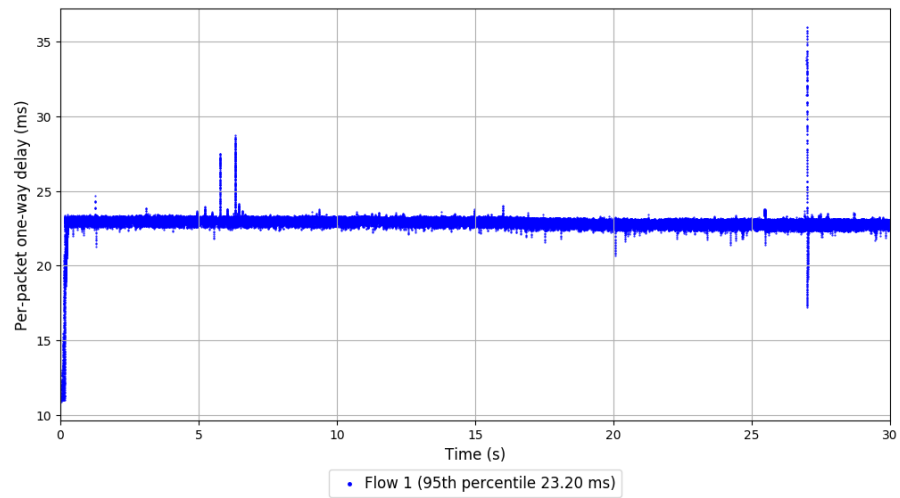
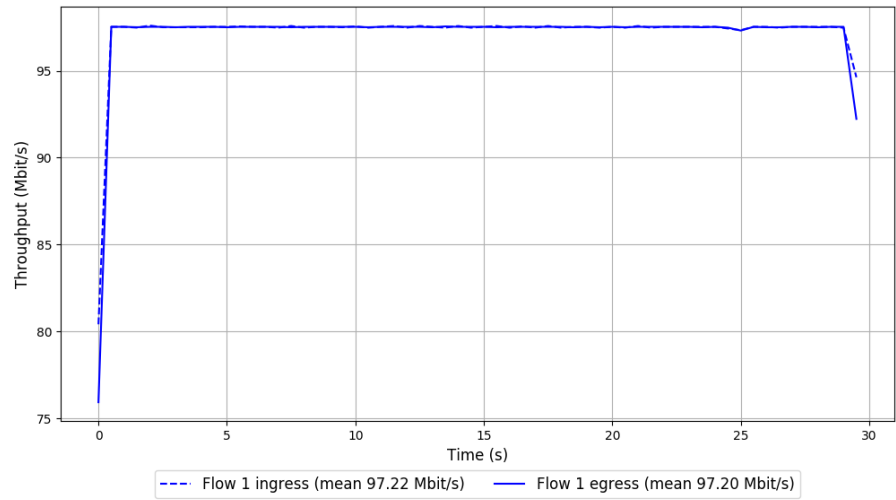


Run 5: Statistics of TCP Cubic

Start at: 2018-04-10 10:44:05
End at: 2018-04-10 10:44:35
Local clock offset: -0.608 ms
Remote clock offset: -6.716 ms

Below is generated by plot.py at 2018-04-10 16:14:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 23.201 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 23.201 ms
Loss rate: 0.12%

Run 5: Report of TCP Cubic — Data Link

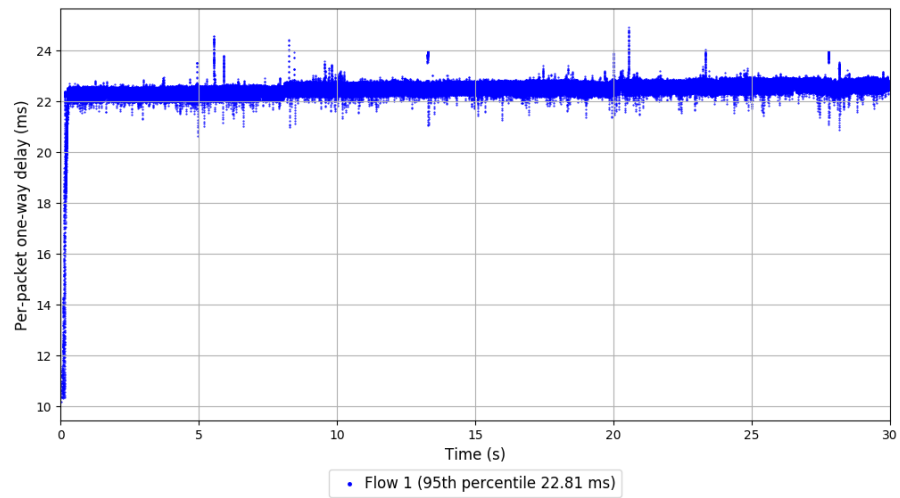
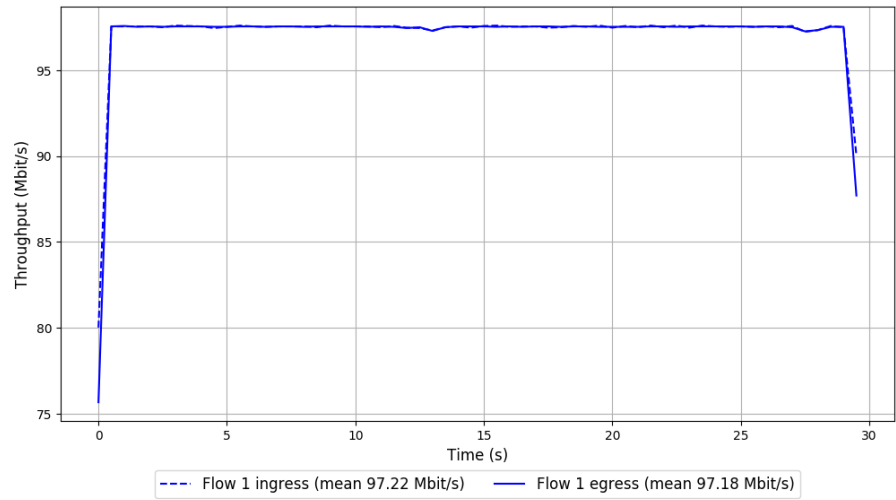


Run 6: Statistics of TCP Cubic

Start at: 2018-04-10 11:05:13
End at: 2018-04-10 11:05:43
Local clock offset: -1.353 ms
Remote clock offset: 13.276 ms

Below is generated by plot.py at 2018-04-10 16:14:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 22.807 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 22.807 ms
Loss rate: 0.12%

Run 6: Report of TCP Cubic — Data Link

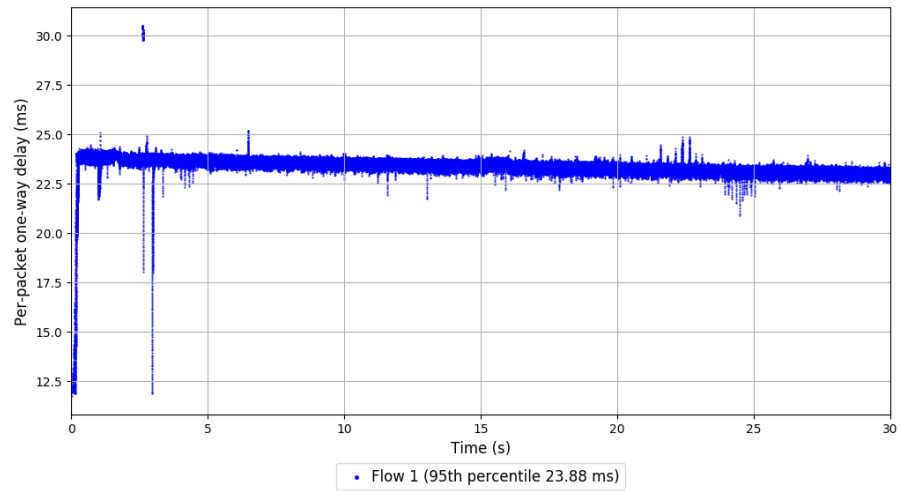
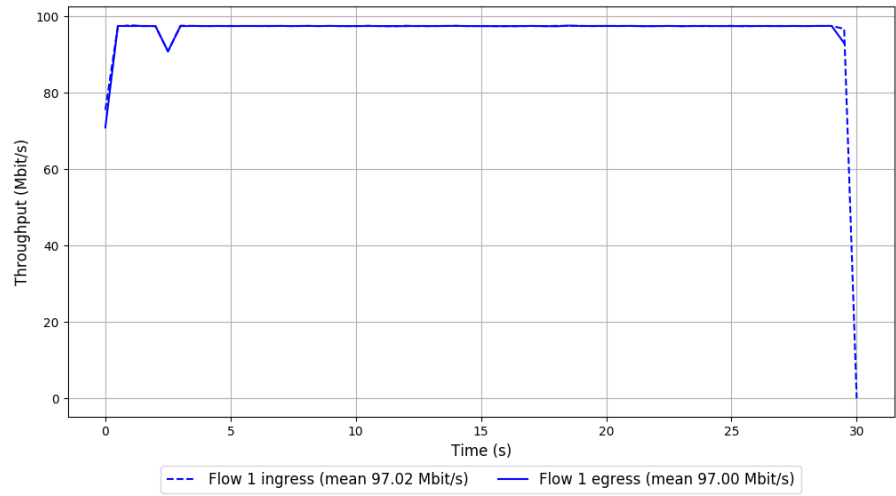


Run 7: Statistics of TCP Cubic

Start at: 2018-04-10 11:26:24
End at: 2018-04-10 11:26:54
Local clock offset: 0.477 ms
Remote clock offset: 13.204 ms

Below is generated by plot.py at 2018-04-10 16:16:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 23.880 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 23.880 ms
Loss rate: 0.14%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-04-10 11:47:29

End at: 2018-04-10 11:47:59

Local clock offset: 1.11 ms

Remote clock offset: 0.631 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 22.701 ms

Loss rate: 0.12%

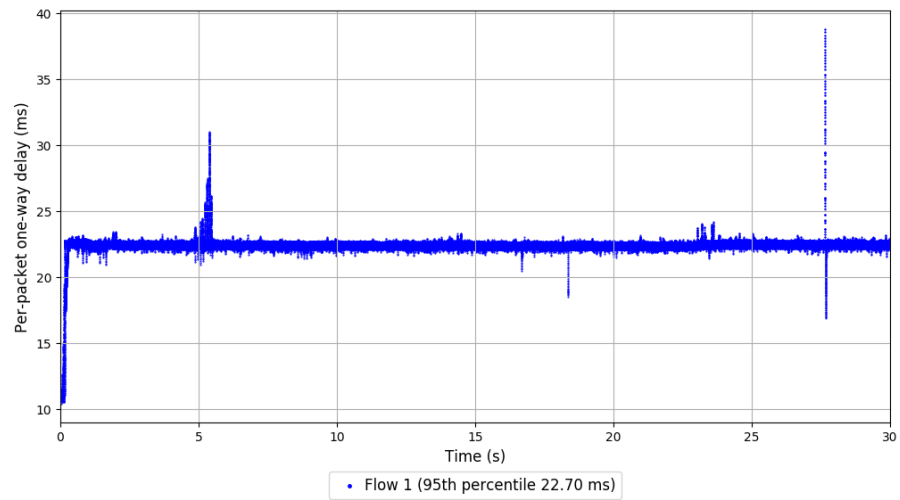
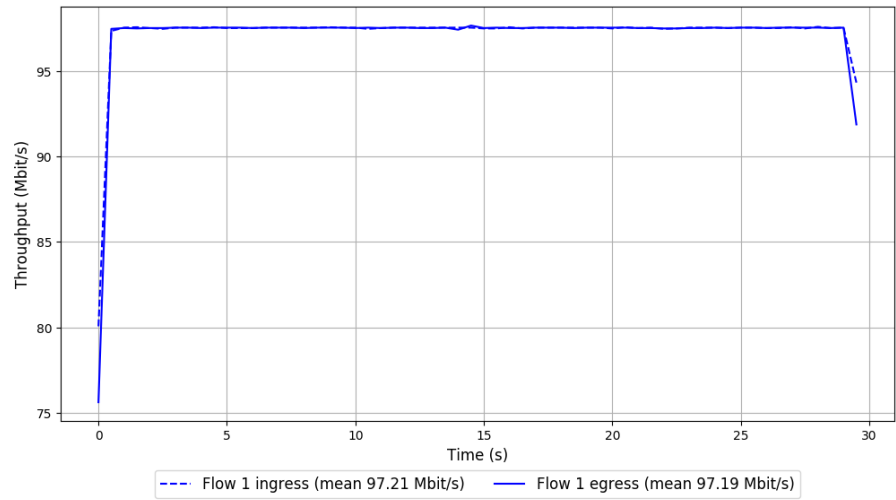
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 22.701 ms

Loss rate: 0.12%

Run 8: Report of TCP Cubic — Data Link

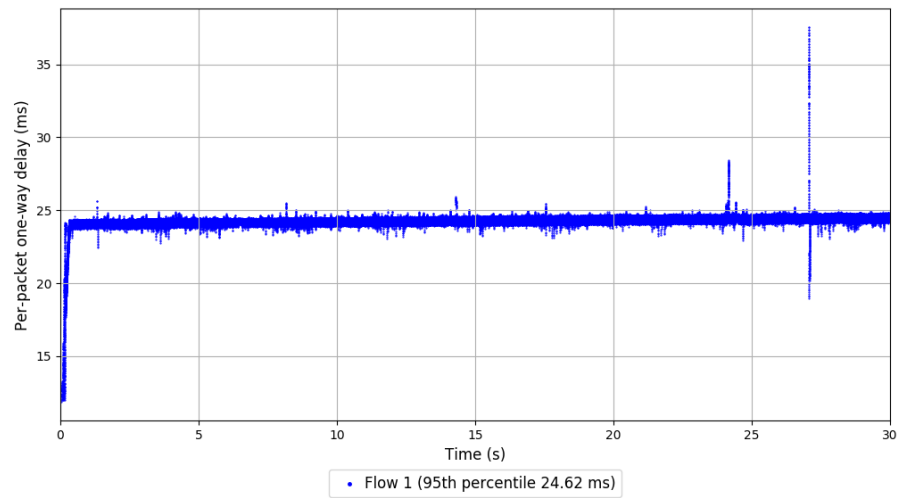
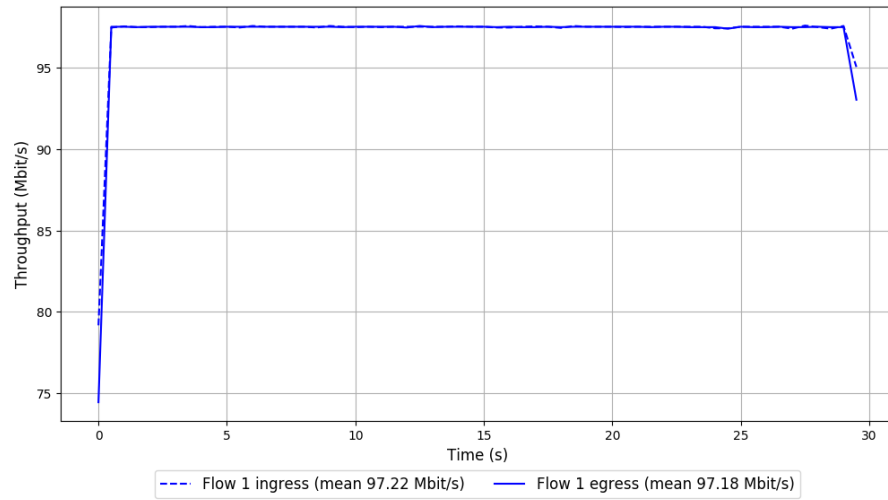


Run 9: Statistics of TCP Cubic

Start at: 2018-04-10 12:08:32
End at: 2018-04-10 12:09:02
Local clock offset: 0.163 ms
Remote clock offset: 13.268 ms

Below is generated by plot.py at 2018-04-10 16:16:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 24.624 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 24.624 ms
Loss rate: 0.12%

Run 9: Report of TCP Cubic — Data Link

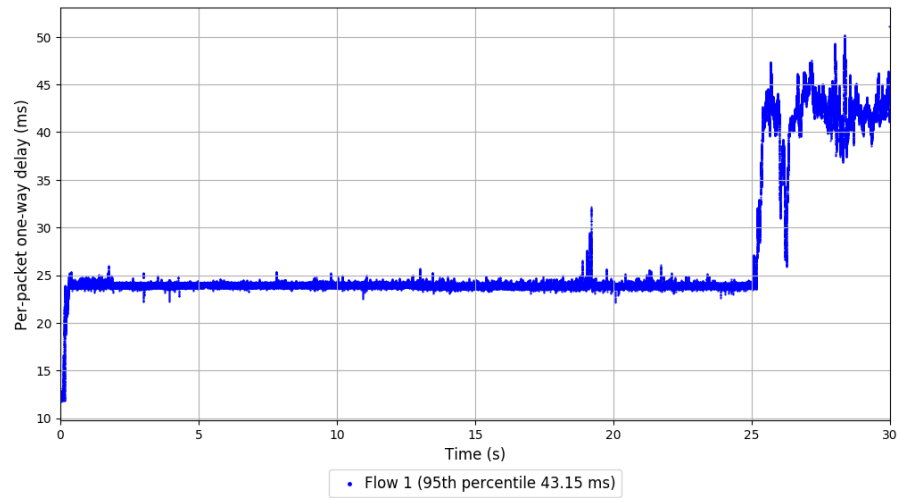
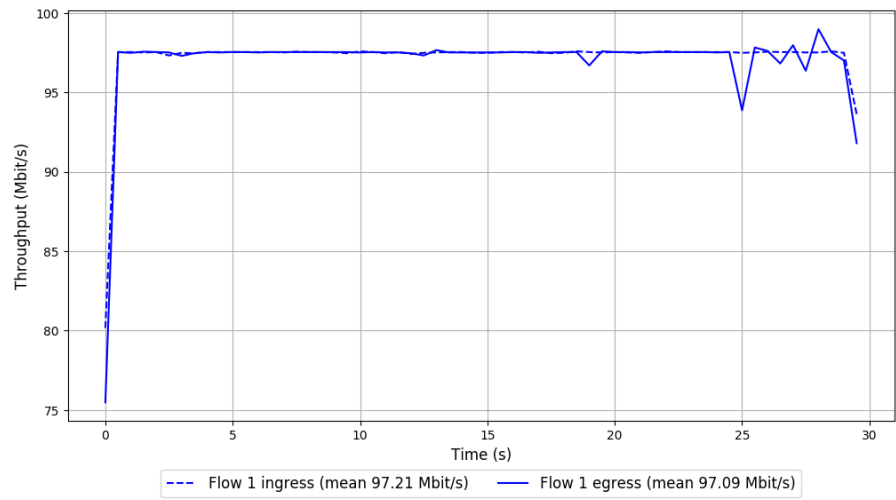


Run 10: Statistics of TCP Cubic

Start at: 2018-04-10 12:29:41
End at: 2018-04-10 12:30:11
Local clock offset: 0.181 ms
Remote clock offset: 23.564 ms

Below is generated by plot.py at 2018-04-10 16:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 43.145 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 43.145 ms
Loss rate: 0.19%

Run 10: Report of TCP Cubic — Data Link

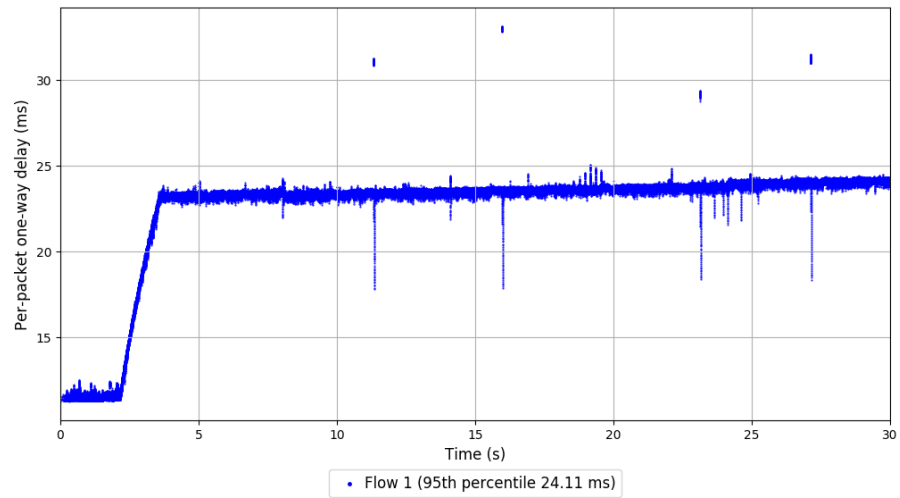
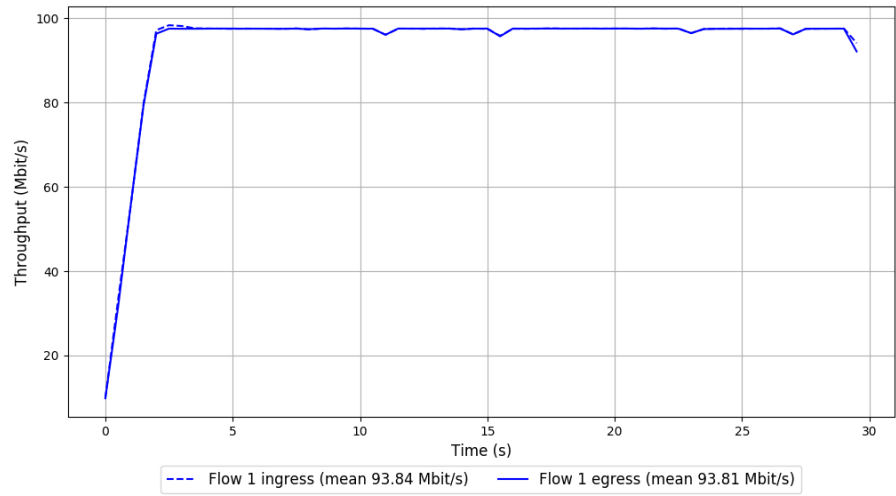


```
Run 1: Statistics of LEDBAT

Start at: 2018-04-10 09:08:58
End at: 2018-04-10 09:09:28
Local clock offset: 0.122 ms
Remote clock offset: 0.091 ms

# Below is generated by plot.py at 2018-04-10 16:16:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 24.114 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.81 Mbit/s
95th percentile per-packet one-way delay: 24.114 ms
Loss rate: 0.12%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-04-10 09:30:01

End at: 2018-04-10 09:30:31

Local clock offset: 1.813 ms

Remote clock offset: 21.13 ms

Below is generated by plot.py at 2018-04-10 16:16:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 24.412 ms

Loss rate: 0.12%

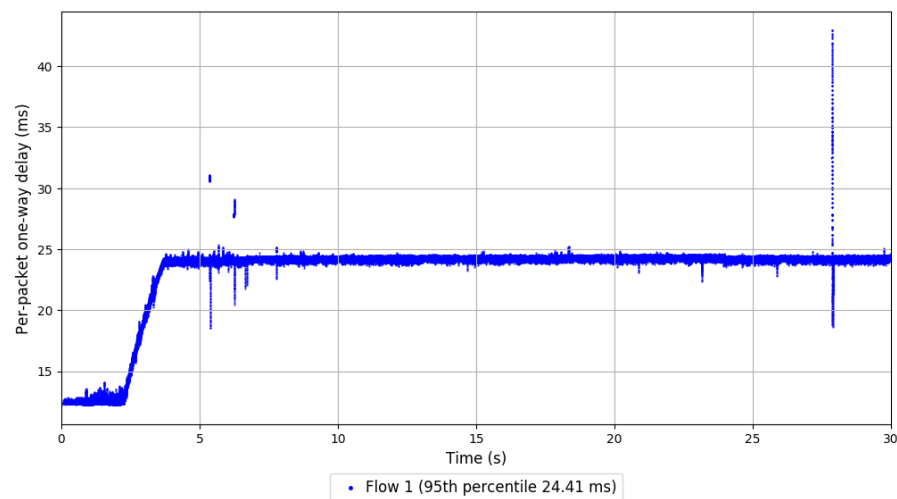
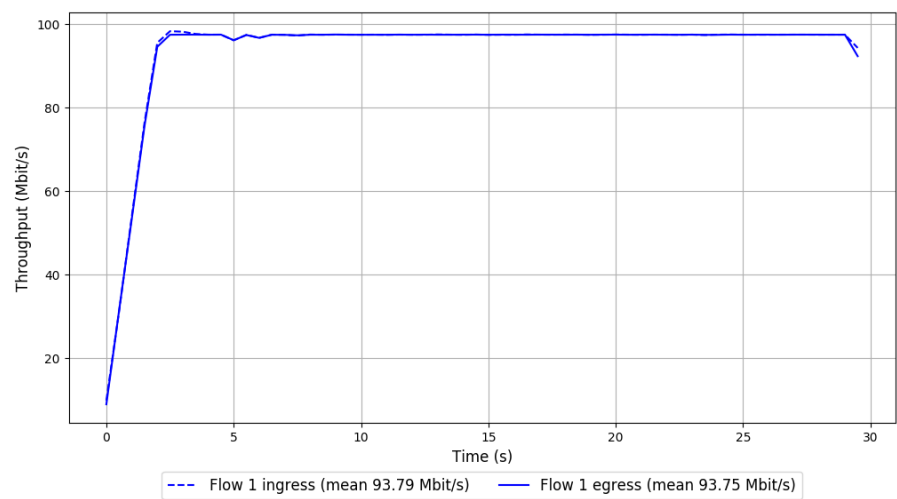
-- Flow 1:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 24.412 ms

Loss rate: 0.12%

Run 2: Report of LEDBAT — Data Link

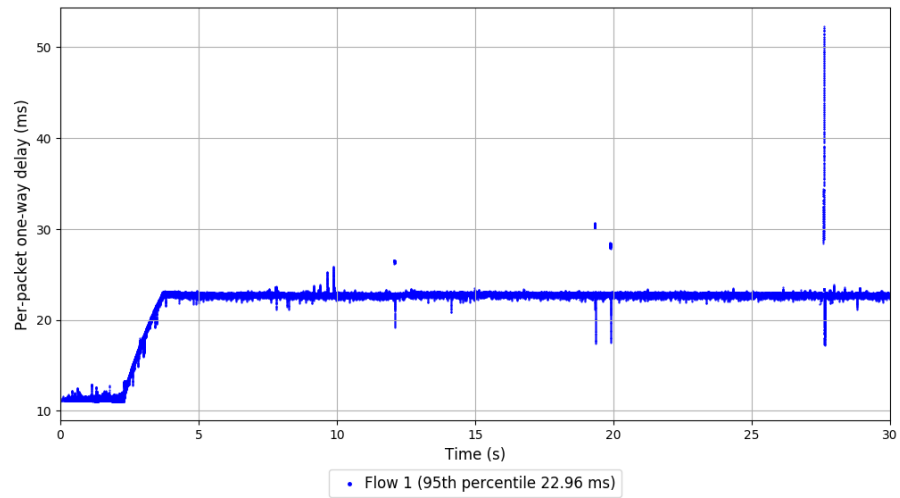
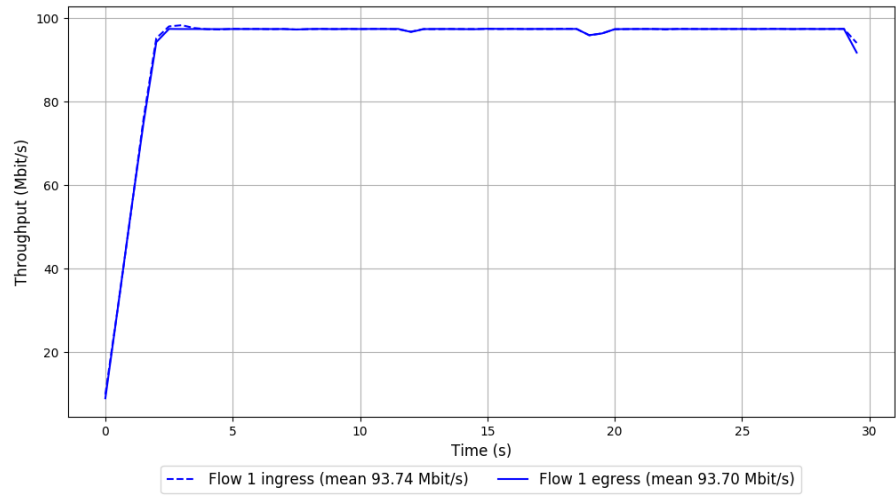


Run 3: Statistics of LEDBAT

Start at: 2018-04-10 09:51:06
End at: 2018-04-10 09:51:36
Local clock offset: 0.711 ms
Remote clock offset: 18.935 ms

Below is generated by plot.py at 2018-04-10 16:16:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.70 Mbit/s
95th percentile per-packet one-way delay: 22.960 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.70 Mbit/s
95th percentile per-packet one-way delay: 22.960 ms
Loss rate: 0.12%

Run 3: Report of LEDBAT — Data Link

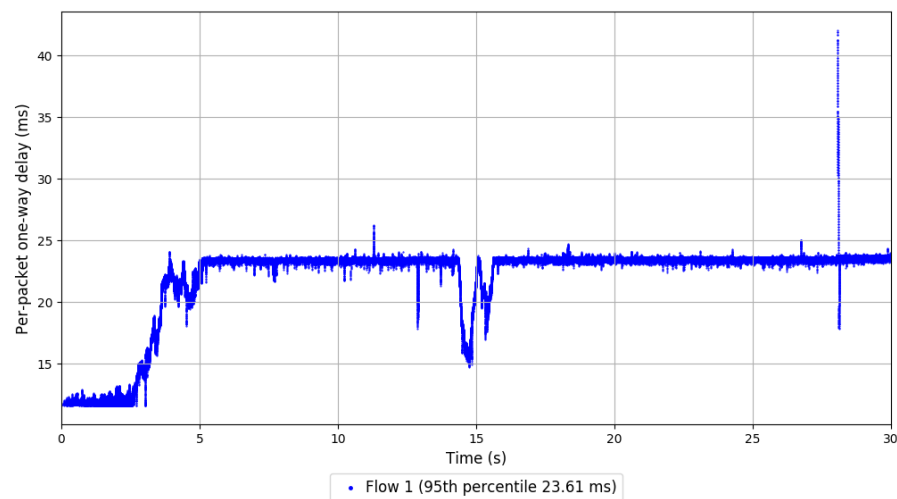
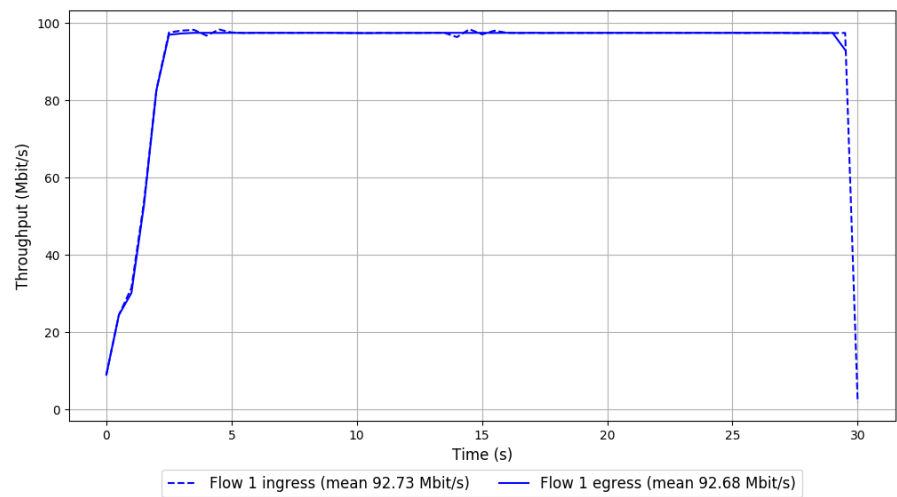


Run 4: Statistics of LEDBAT

Start at: 2018-04-10 10:12:22
End at: 2018-04-10 10:12:52
Local clock offset: 0.356 ms
Remote clock offset: 17.538 ms

Below is generated by plot.py at 2018-04-10 16:16:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 23.613 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 23.613 ms
Loss rate: 0.19%

Run 4: Report of LEDBAT — Data Link

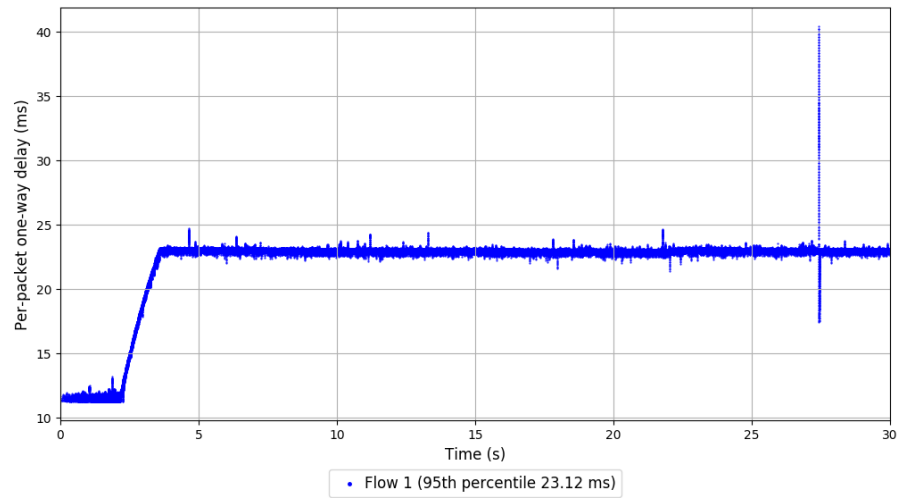
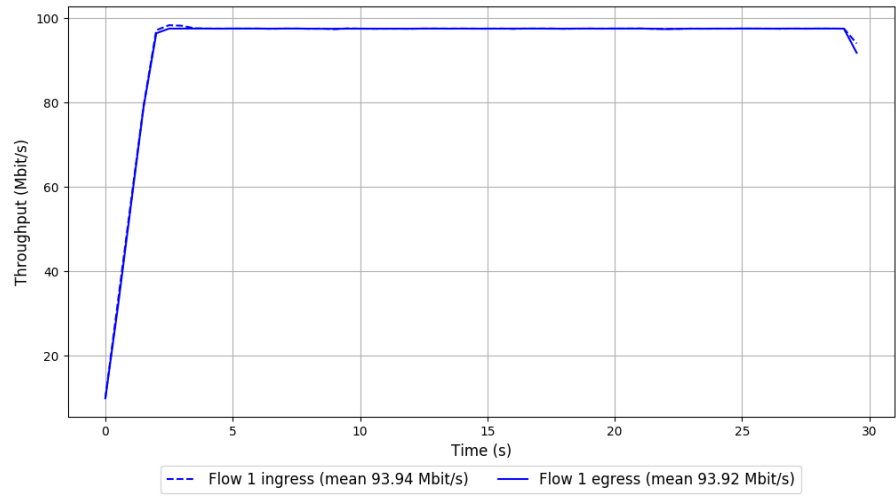


Run 5: Statistics of LEDBAT

Start at: 2018-04-10 10:33:45
End at: 2018-04-10 10:34:15
Local clock offset: -0.158 ms
Remote clock offset: -3.307 ms

Below is generated by plot.py at 2018-04-10 16:17:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 23.117 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 23.117 ms
Loss rate: 0.12%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-04-10 10:54:38

End at: 2018-04-10 10:55:08

Local clock offset: -0.578 ms

Remote clock offset: 2.655 ms

Below is generated by plot.py at 2018-04-10 16:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.84 Mbit/s

95th percentile per-packet one-way delay: 24.217 ms

Loss rate: 0.13%

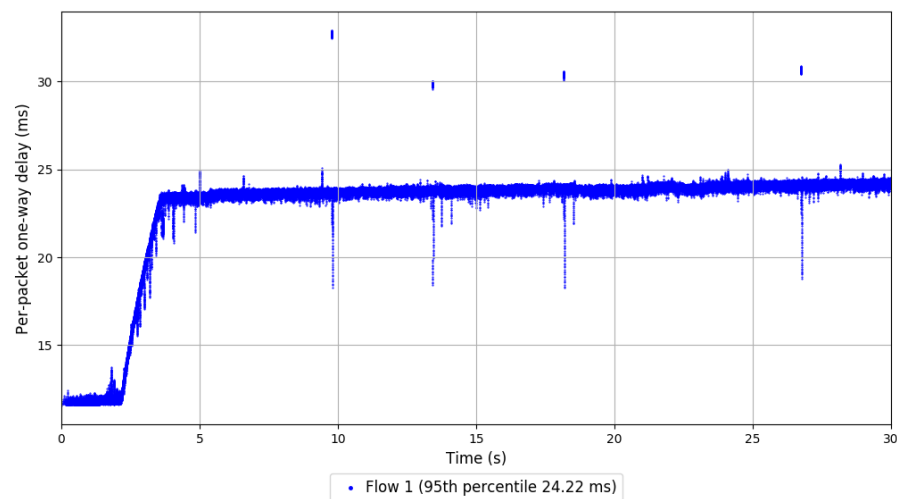
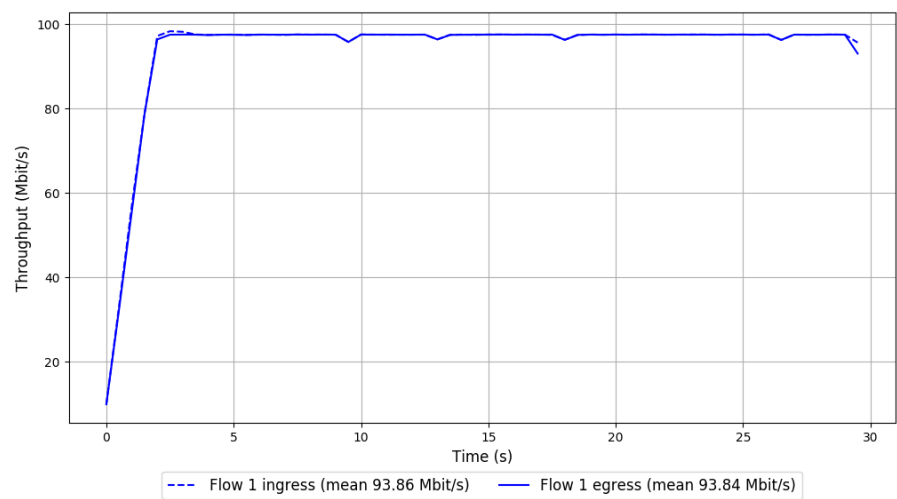
-- Flow 1:

Average throughput: 93.84 Mbit/s

95th percentile per-packet one-way delay: 24.217 ms

Loss rate: 0.13%

Run 6: Report of LEDBAT — Data Link

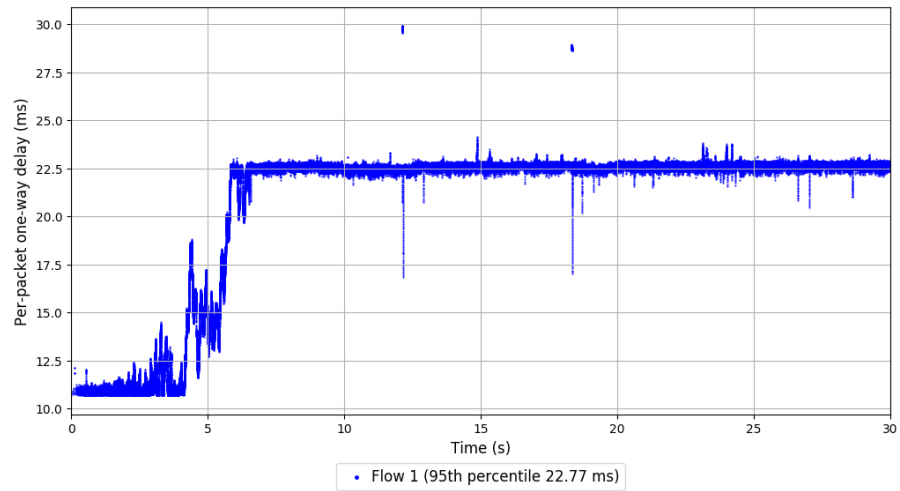
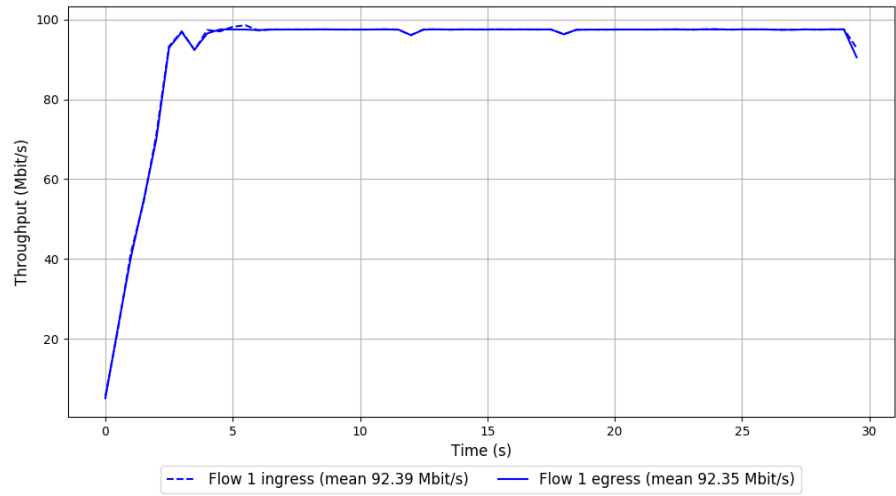


Run 7: Statistics of LEDBAT

Start at: 2018-04-10 11:16:03
End at: 2018-04-10 11:16:33
Local clock offset: -0.918 ms
Remote clock offset: 17.537 ms

Below is generated by plot.py at 2018-04-10 16:17:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 22.775 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 22.775 ms
Loss rate: 0.12%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-04-10 11:36:59

End at: 2018-04-10 11:37:29

Local clock offset: 1.275 ms

Remote clock offset: 4.211 ms

Below is generated by plot.py at 2018-04-10 16:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.30 Mbit/s

95th percentile per-packet one-way delay: 23.015 ms

Loss rate: 0.13%

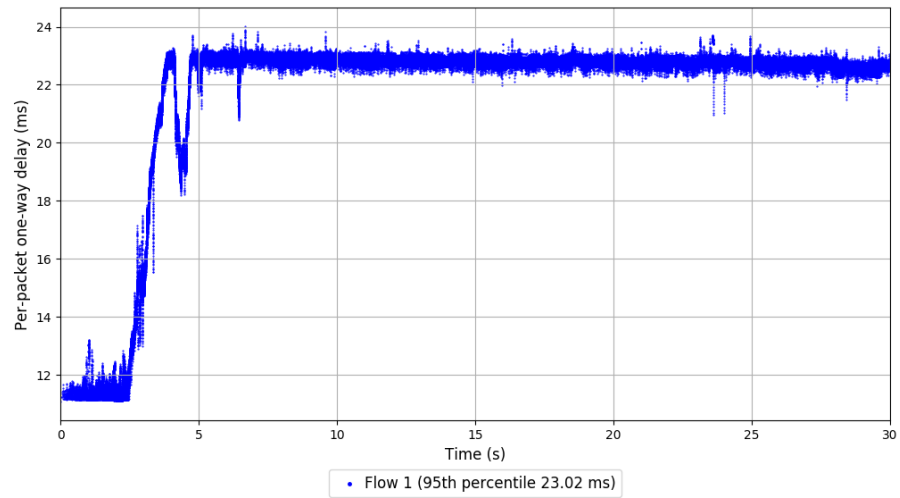
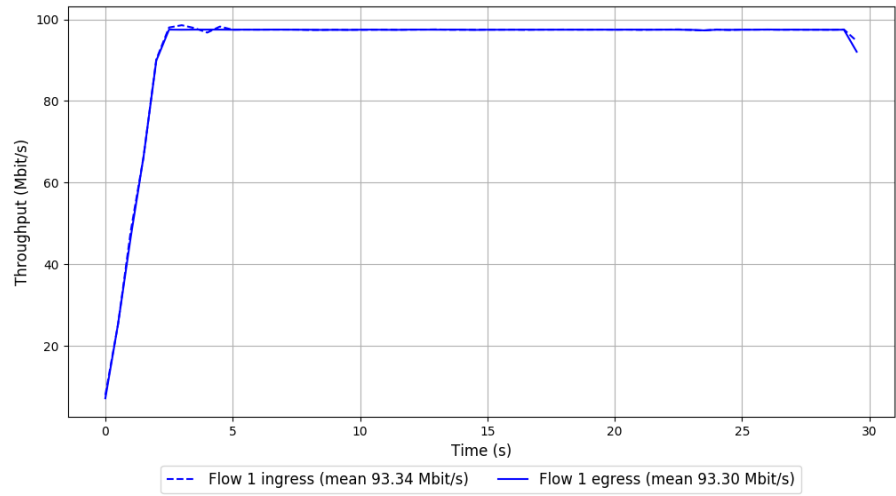
-- Flow 1:

Average throughput: 93.30 Mbit/s

95th percentile per-packet one-way delay: 23.015 ms

Loss rate: 0.13%

Run 8: Report of LEDBAT — Data Link

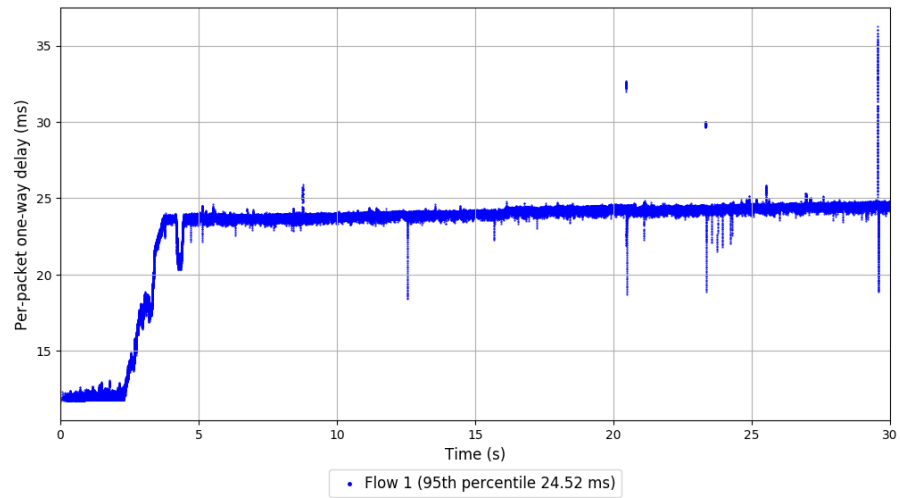
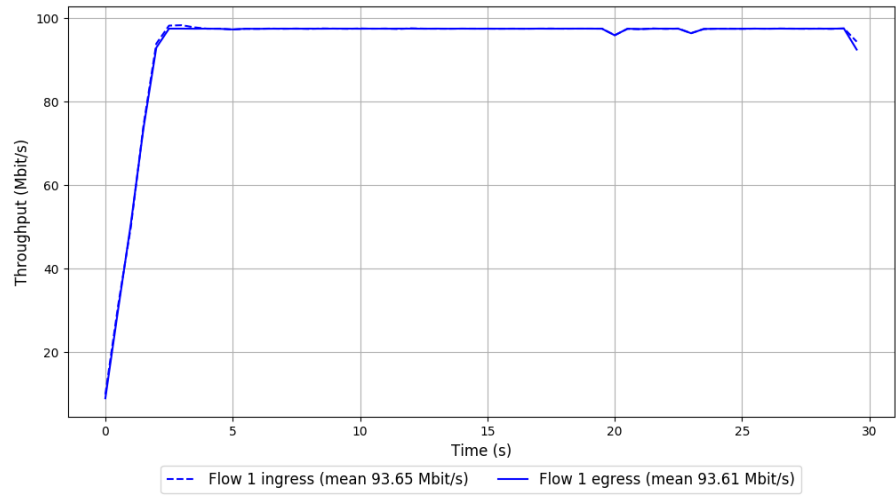


Run 9: Statistics of LEDBAT

Start at: 2018-04-10 11:58:10
End at: 2018-04-10 11:58:40
Local clock offset: 1.241 ms
Remote clock offset: -0.483 ms

Below is generated by plot.py at 2018-04-10 16:17:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 24.525 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 24.525 ms
Loss rate: 0.12%

Run 9: Report of LEDBAT — Data Link

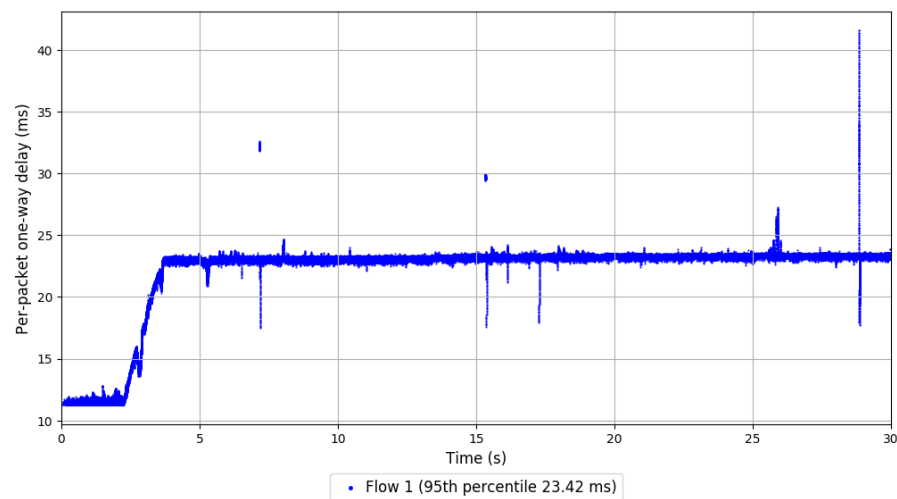
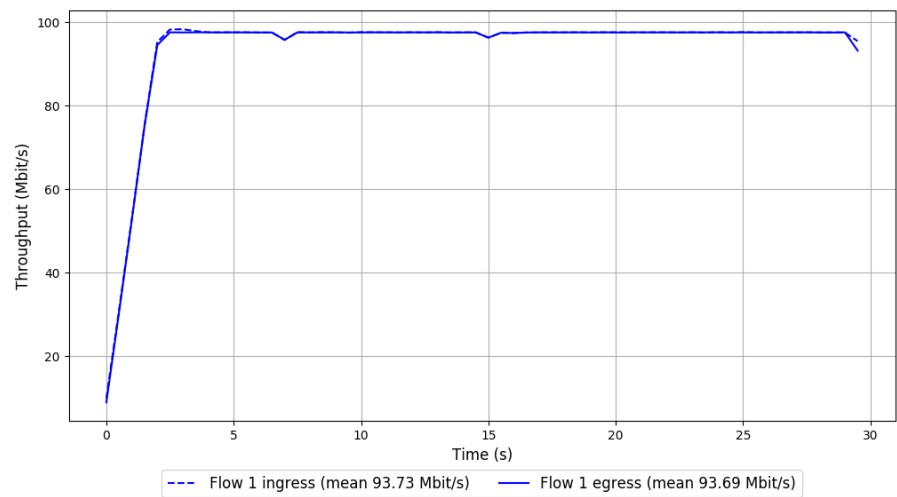


Run 10: Statistics of LEDBAT

Start at: 2018-04-10 12:19:15
End at: 2018-04-10 12:19:45
Local clock offset: -0.092 ms
Remote clock offset: 20.245 ms

Below is generated by plot.py at 2018-04-10 16:17:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 23.418 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: 23.418 ms
Loss rate: 0.12%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2018-04-10 09:11:13

End at: 2018-04-10 09:11:43

Local clock offset: 0.804 ms

Remote clock offset: 4.287 ms

Below is generated by plot.py at 2018-04-10 16:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 16.066 ms

Loss rate: 0.08%

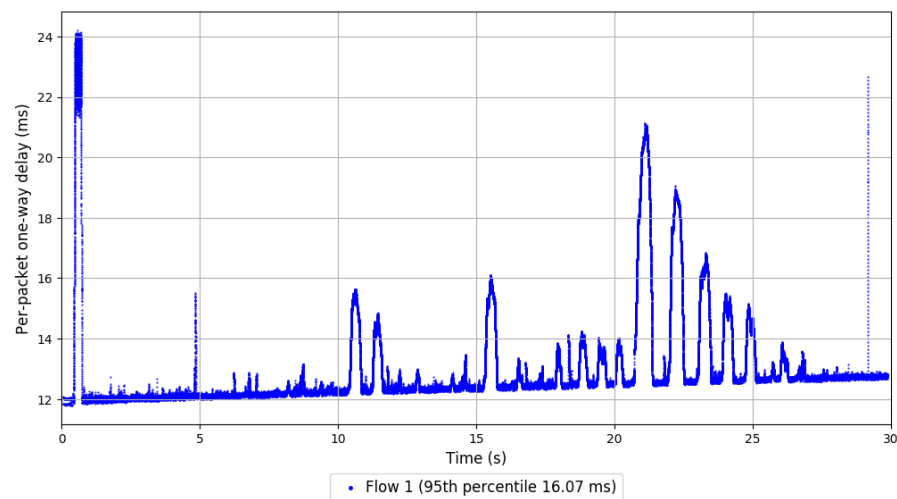
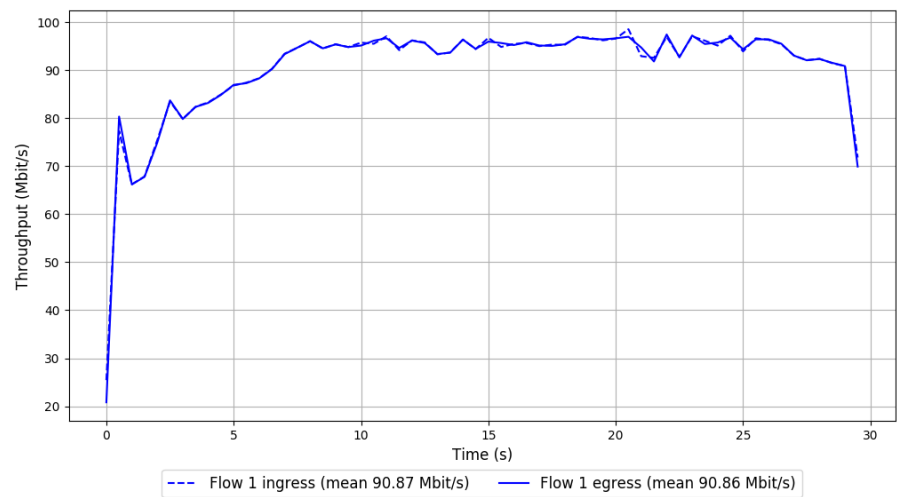
-- Flow 1:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 16.066 ms

Loss rate: 0.08%

Run 1: Report of PCC — Data Link

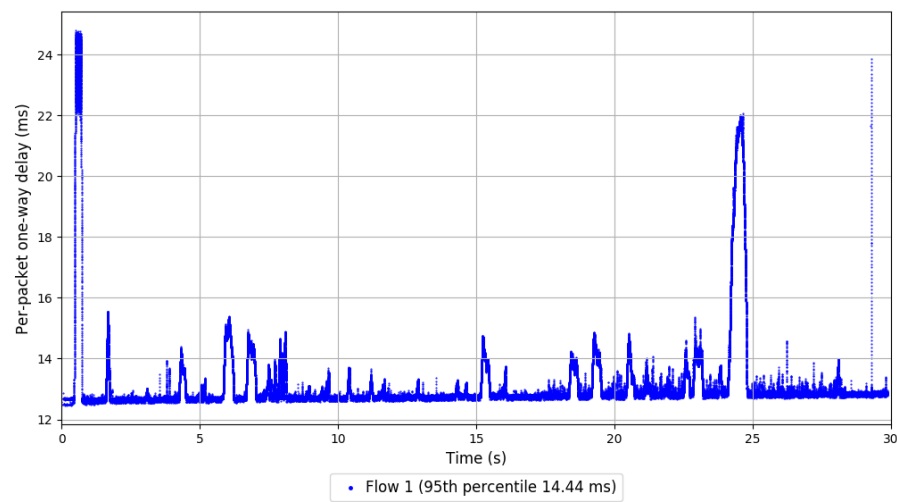
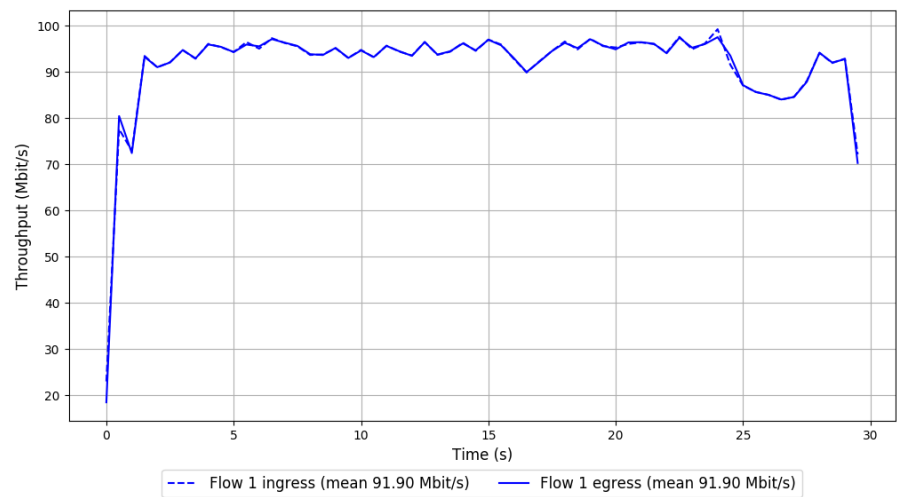


Run 2: Statistics of PCC

Start at: 2018-04-10 09:32:18
End at: 2018-04-10 09:32:48
Local clock offset: 2.012 ms
Remote clock offset: 22.029 ms

Below is generated by plot.py at 2018-04-10 16:17:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 14.436 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.90 Mbit/s
95th percentile per-packet one-way delay: 14.436 ms
Loss rate: 0.08%

Run 2: Report of PCC — Data Link

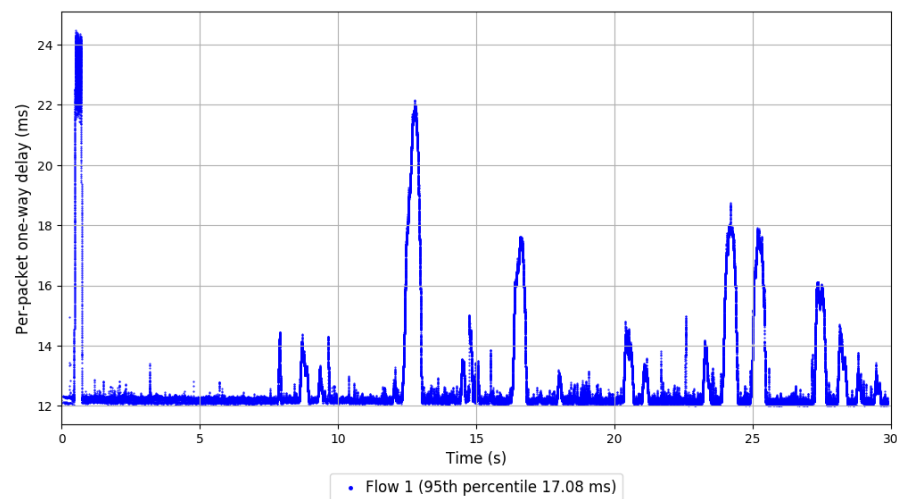
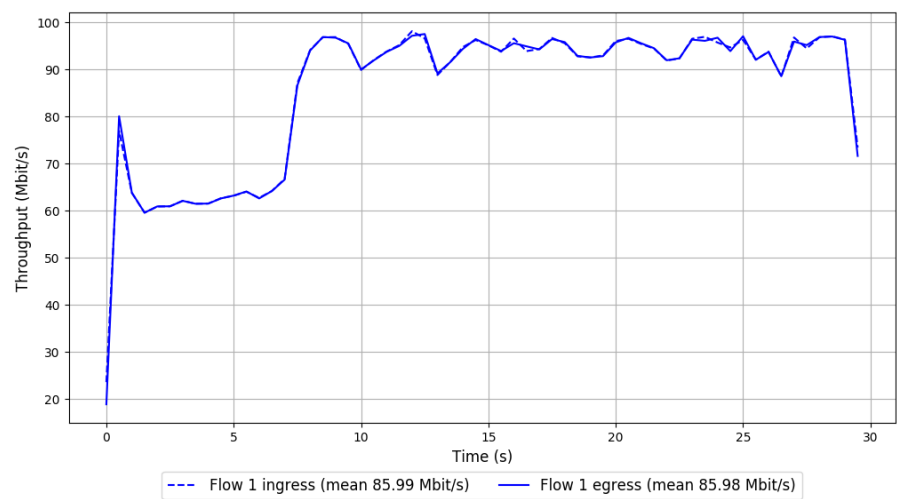


Run 3: Statistics of PCC

Start at: 2018-04-10 09:53:22
End at: 2018-04-10 09:53:52
Local clock offset: 0.77 ms
Remote clock offset: 17.212 ms

Below is generated by plot.py at 2018-04-10 16:19:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 17.081 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 17.081 ms
Loss rate: 0.08%

Run 3: Report of PCC — Data Link

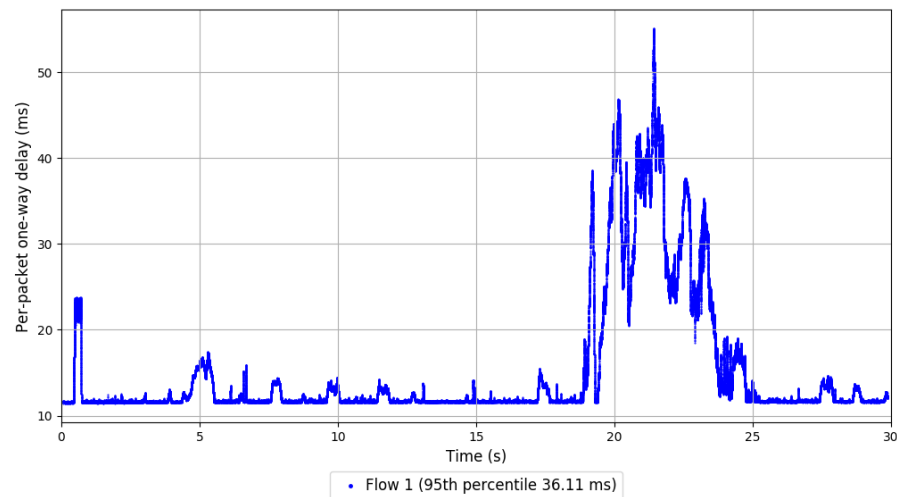
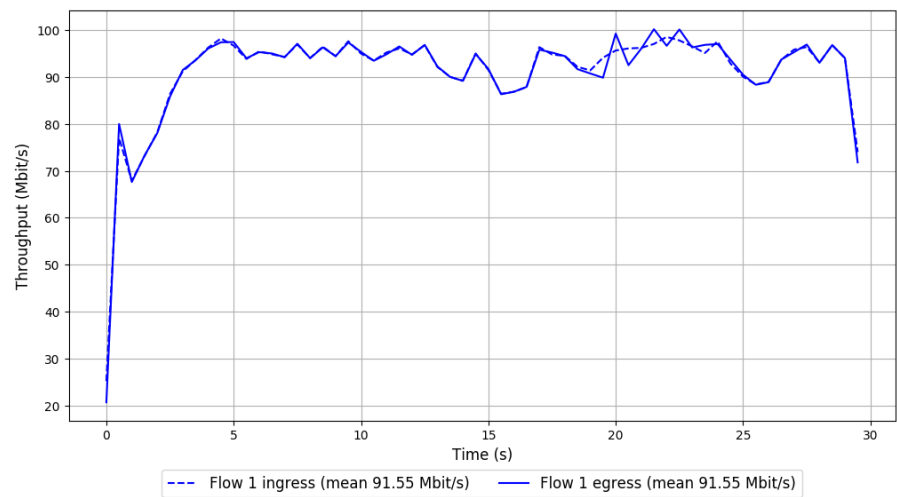


Run 4: Statistics of PCC

Start at: 2018-04-10 10:14:47
End at: 2018-04-10 10:15:17
Local clock offset: 0.106 ms
Remote clock offset: 17.689 ms

Below is generated by plot.py at 2018-04-10 16:19:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 36.108 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 36.108 ms
Loss rate: 0.08%

Run 4: Report of PCC — Data Link

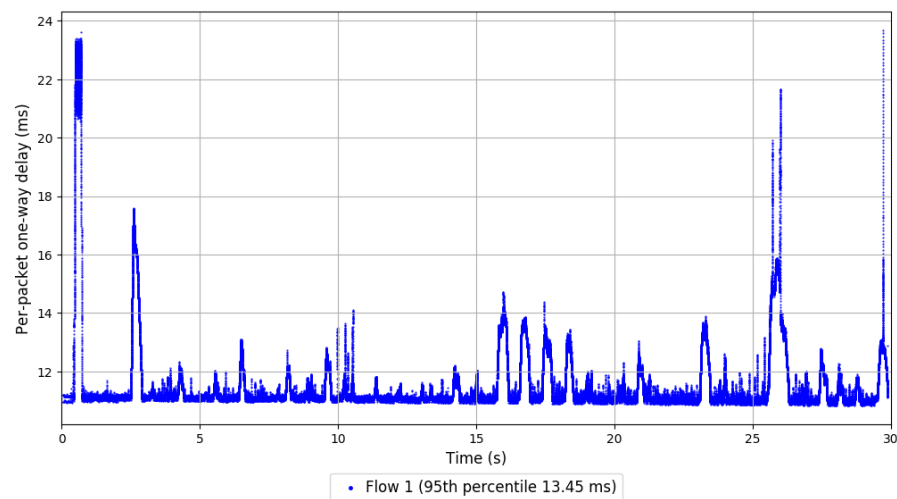
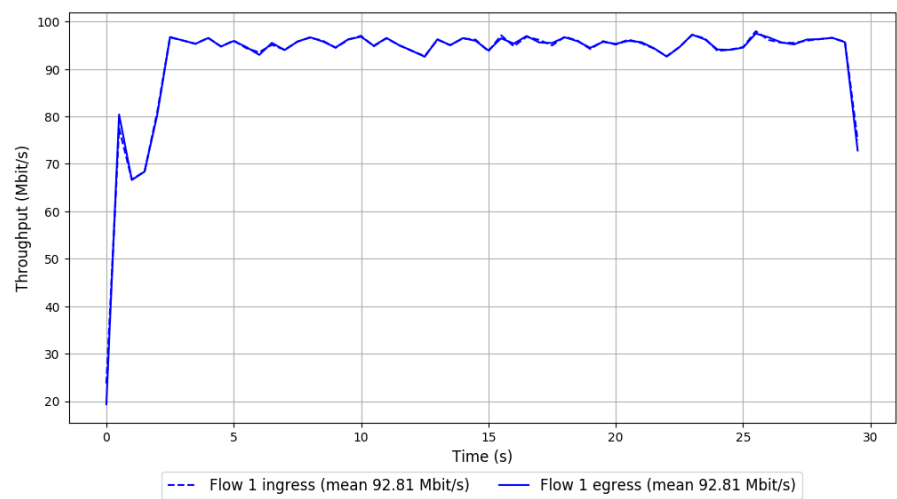


Run 5: Statistics of PCC

Start at: 2018-04-10 10:36:01
End at: 2018-04-10 10:36:31
Local clock offset: 0.219 ms
Remote clock offset: -3.712 ms

Below is generated by plot.py at 2018-04-10 16:19:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 13.447 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 13.447 ms
Loss rate: 0.08%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-04-10 10:56:53

End at: 2018-04-10 10:57:23

Local clock offset: -0.74 ms

Remote clock offset: 5.54 ms

Below is generated by plot.py at 2018-04-10 16:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 13.913 ms

Loss rate: 0.08%

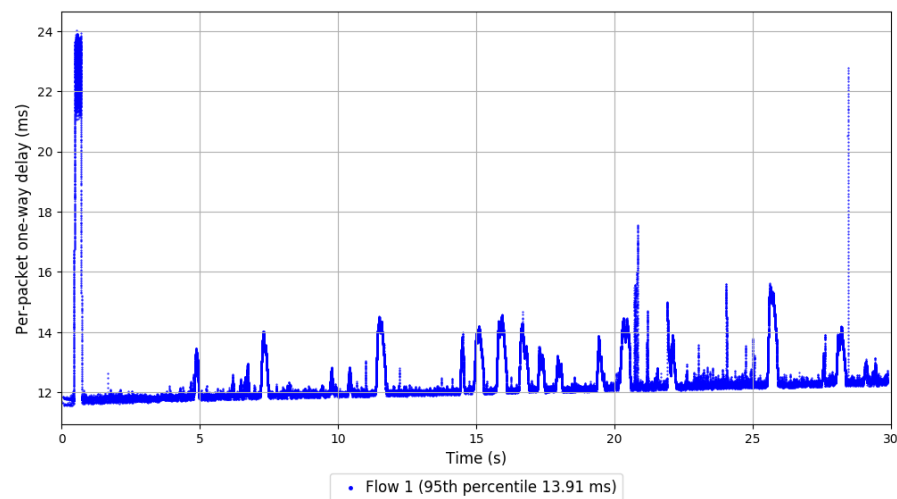
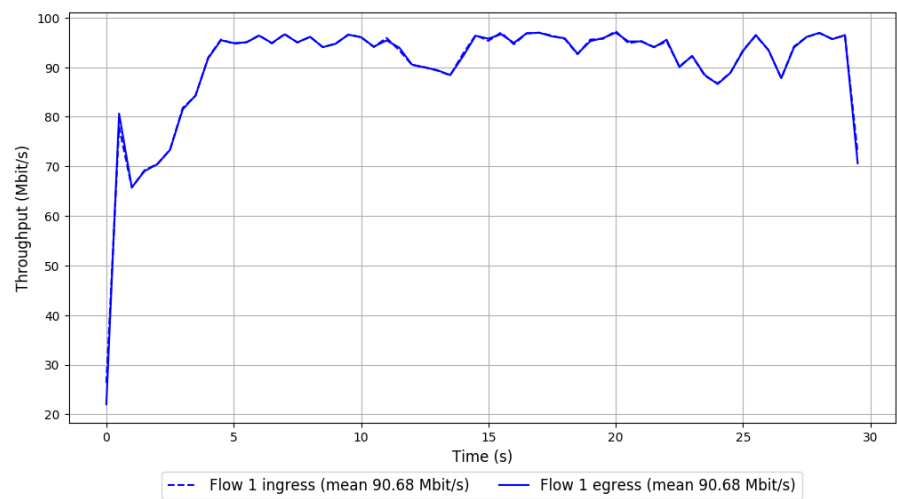
-- Flow 1:

Average throughput: 90.68 Mbit/s

95th percentile per-packet one-way delay: 13.913 ms

Loss rate: 0.08%

Run 6: Report of PCC — Data Link

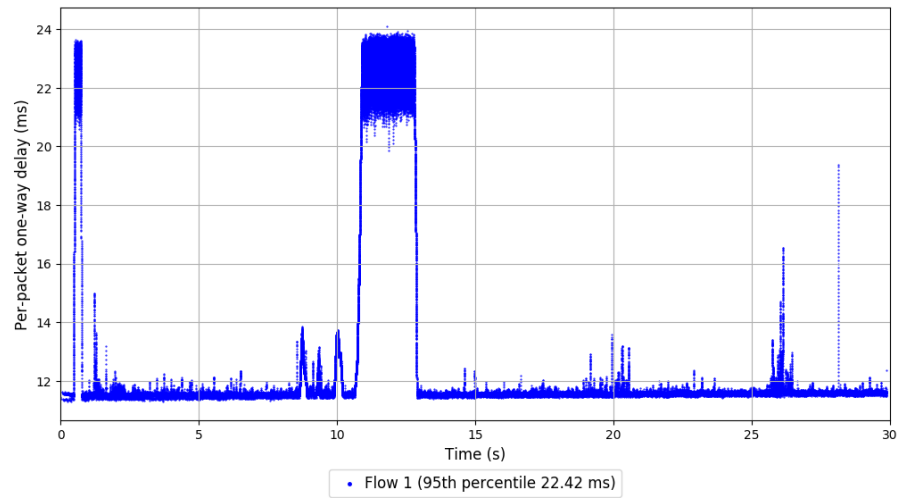
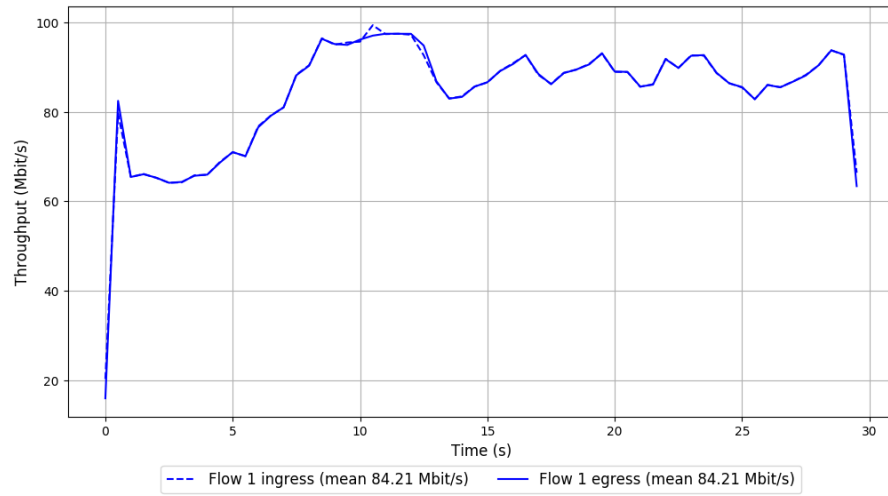


Run 7: Statistics of PCC

Start at: 2018-04-10 11:18:19
End at: 2018-04-10 11:18:49
Local clock offset: -1.436 ms
Remote clock offset: 16.803 ms

Below is generated by plot.py at 2018-04-10 16:19:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.10%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-04-10 11:39:18

End at: 2018-04-10 11:39:48

Local clock offset: 0.796 ms

Remote clock offset: 3.046 ms

Below is generated by plot.py at 2018-04-10 16:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 12.193 ms

Loss rate: 0.08%

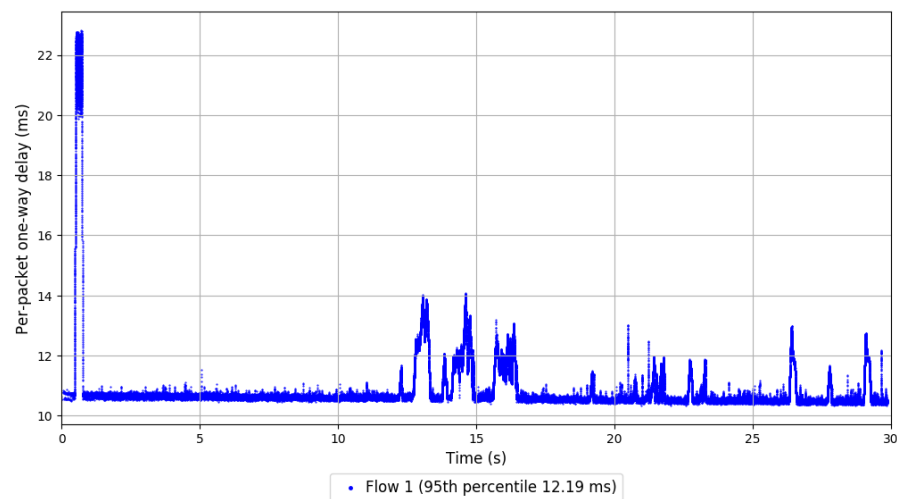
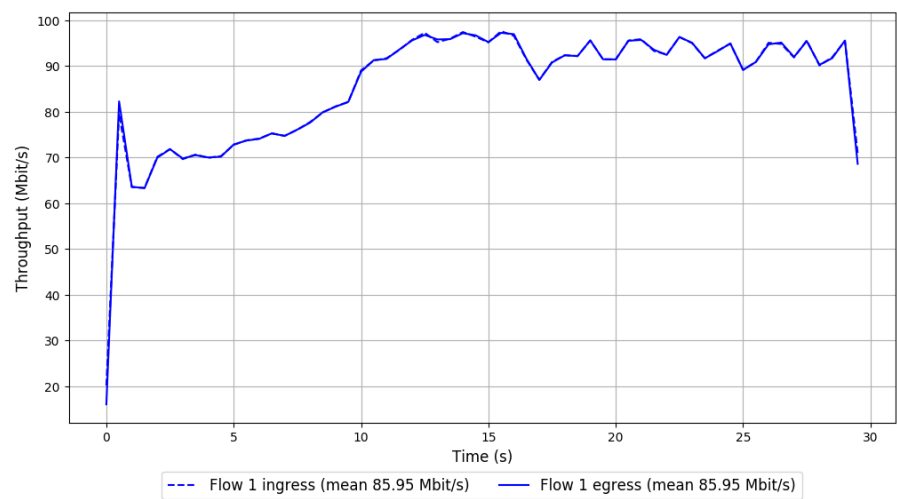
-- Flow 1:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 12.193 ms

Loss rate: 0.08%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-04-10 12:00:32

End at: 2018-04-10 12:01:02

Local clock offset: 0.412 ms

Remote clock offset: 3.768 ms

Below is generated by plot.py at 2018-04-10 16:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 15.366 ms

Loss rate: 0.08%

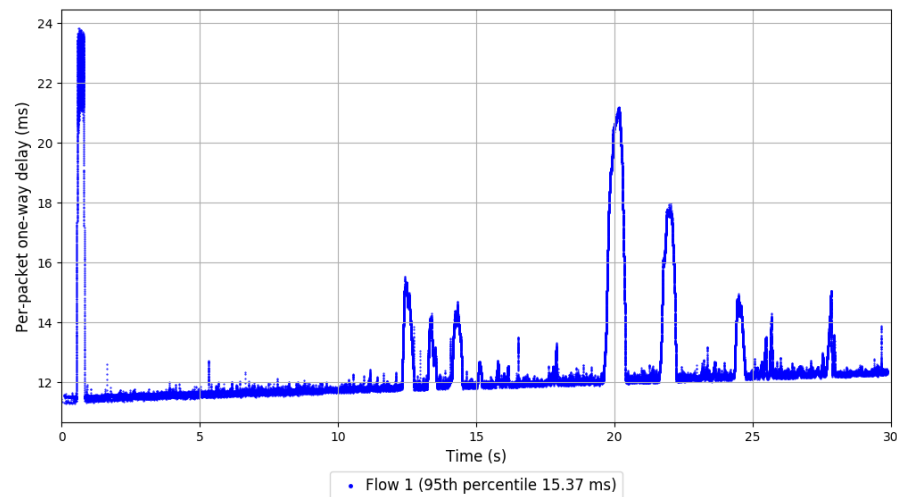
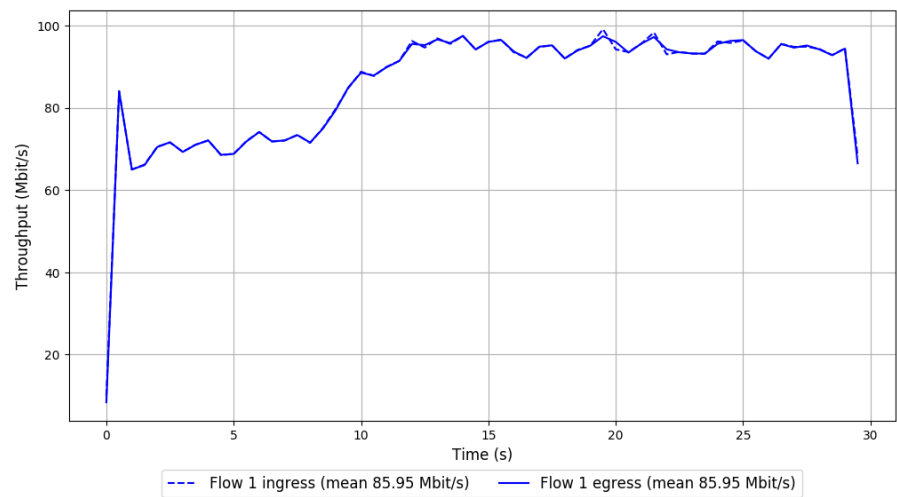
-- Flow 1:

Average throughput: 85.95 Mbit/s

95th percentile per-packet one-way delay: 15.366 ms

Loss rate: 0.08%

Run 9: Report of PCC — Data Link

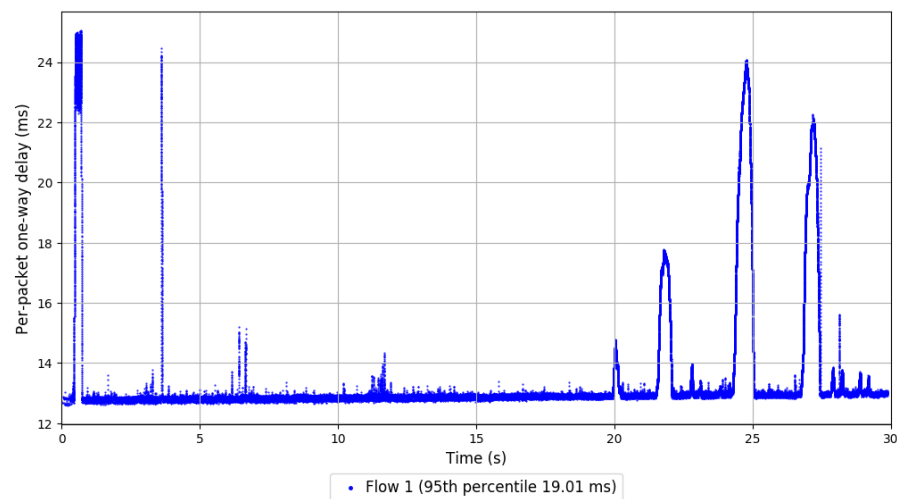
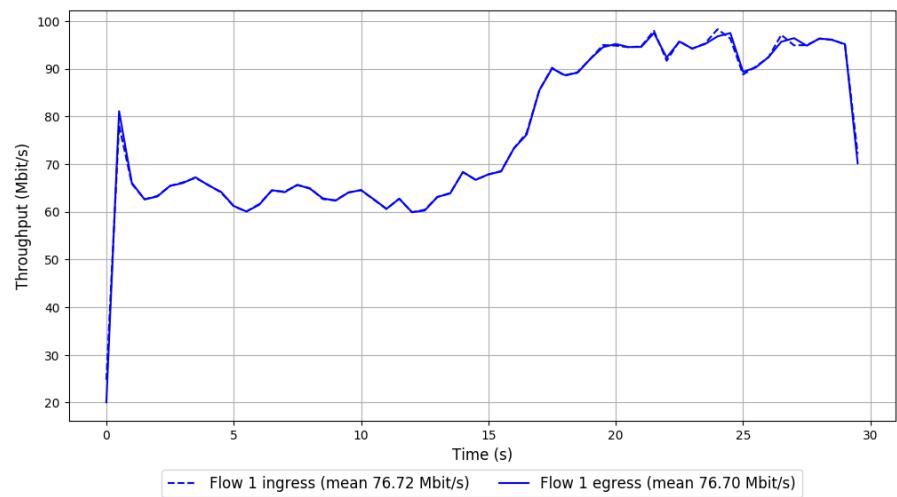


Run 10: Statistics of PCC

Start at: 2018-04-10 12:21:32
End at: 2018-04-10 12:22:02
Local clock offset: 0.13 ms
Remote clock offset: 19.954 ms

Below is generated by plot.py at 2018-04-10 16:19:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.70 Mbit/s
95th percentile per-packet one-way delay: 19.010 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 76.70 Mbit/s
95th percentile per-packet one-way delay: 19.010 ms
Loss rate: 0.10%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-04-10 09:03:03

End at: 2018-04-10 09:03:33

Local clock offset: -0.3 ms

Remote clock offset: -3.699 ms

Below is generated by plot.py at 2018-04-10 16:20:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.69 Mbit/s

95th percentile per-packet one-way delay: 22.214 ms

Loss rate: 0.12%

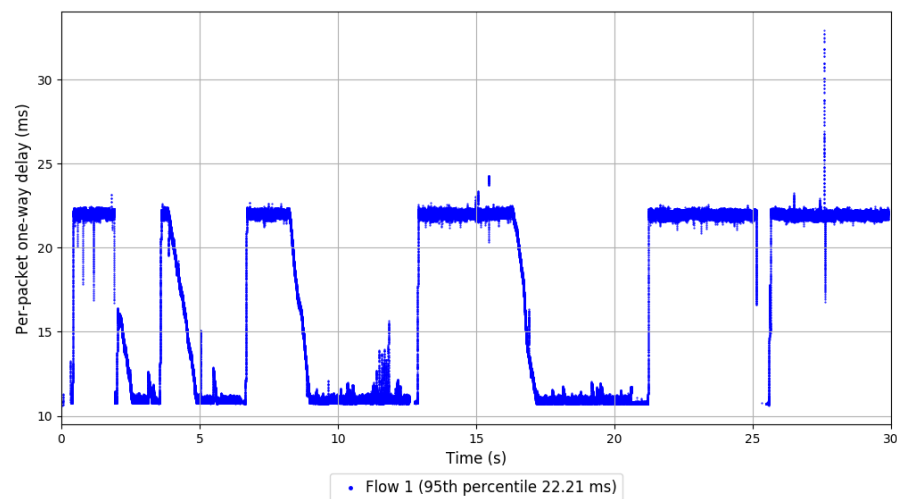
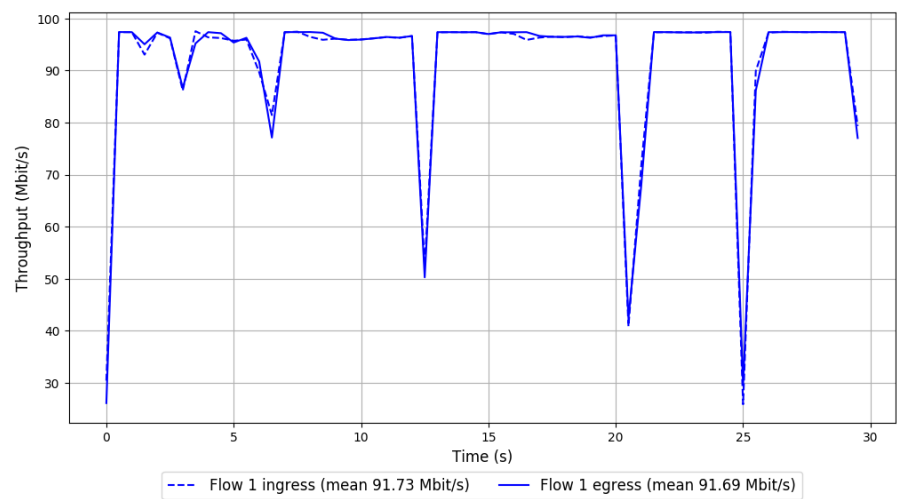
-- Flow 1:

Average throughput: 91.69 Mbit/s

95th percentile per-packet one-way delay: 22.214 ms

Loss rate: 0.12%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-04-10 09:24:04

End at: 2018-04-10 09:24:34

Local clock offset: 1.983 ms

Remote clock offset: 19.583 ms

Below is generated by plot.py at 2018-04-10 16:20:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.78 Mbit/s

95th percentile per-packet one-way delay: 18.289 ms

Loss rate: 0.08%

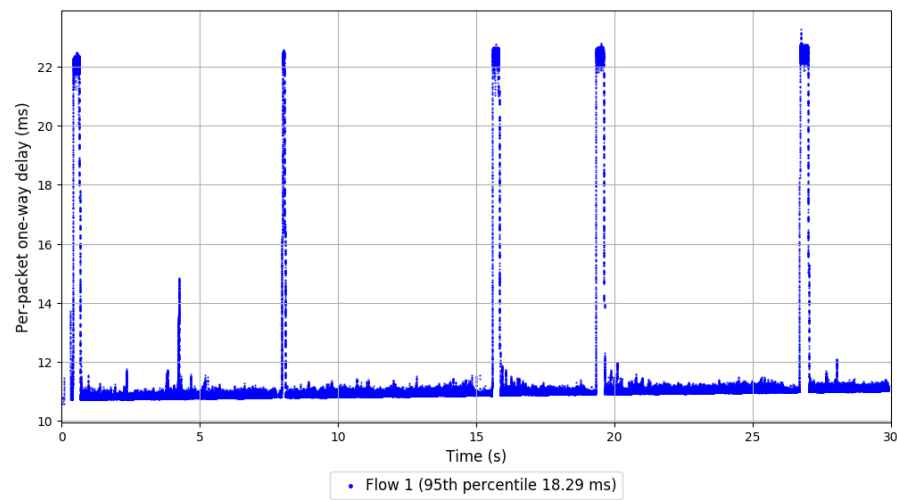
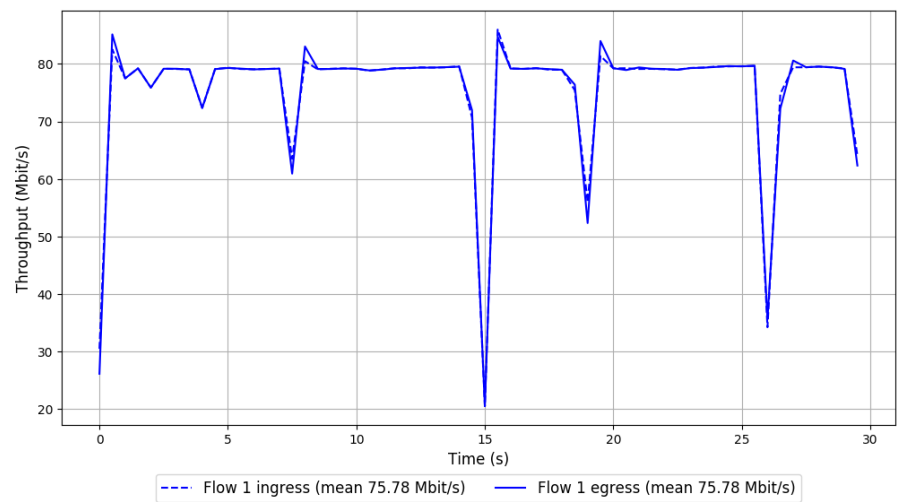
-- Flow 1:

Average throughput: 75.78 Mbit/s

95th percentile per-packet one-way delay: 18.289 ms

Loss rate: 0.08%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-04-10 09:45:08

End at: 2018-04-10 09:45:39

Local clock offset: 0.962 ms

Remote clock offset: 22.124 ms

Below is generated by plot.py at 2018-04-10 16:20:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.60 Mbit/s

95th percentile per-packet one-way delay: 22.502 ms

Loss rate: 0.08%

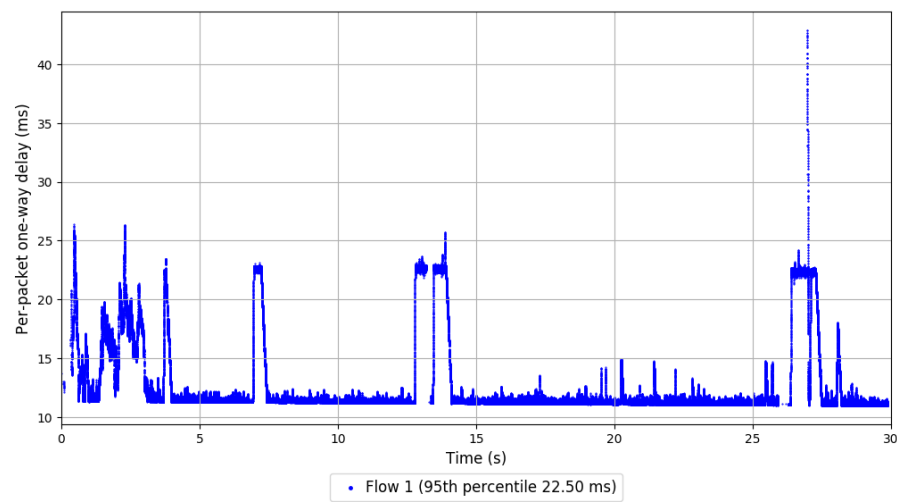
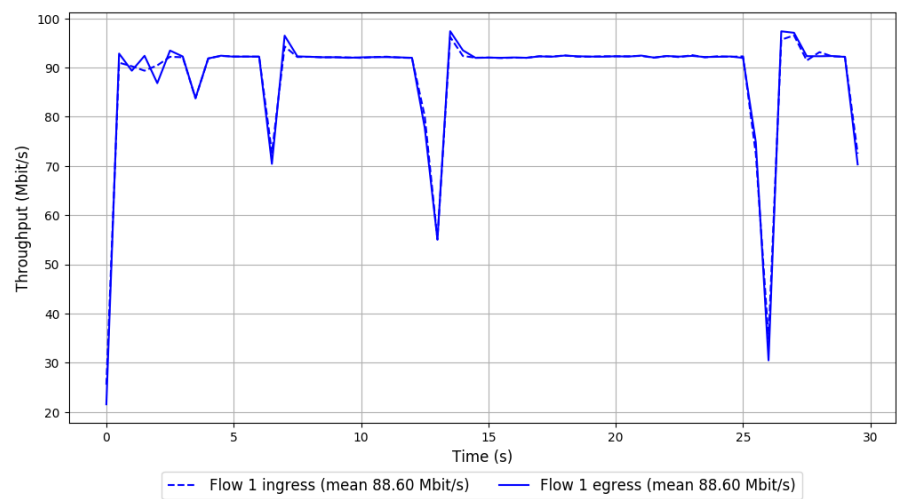
-- Flow 1:

Average throughput: 88.60 Mbit/s

95th percentile per-packet one-way delay: 22.502 ms

Loss rate: 0.08%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-04-10 10:06:23

End at: 2018-04-10 10:06:53

Local clock offset: 0.395 ms

Remote clock offset: 16.412 ms

Below is generated by plot.py at 2018-04-10 16:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.38 Mbit/s

95th percentile per-packet one-way delay: 23.825 ms

Loss rate: 0.13%

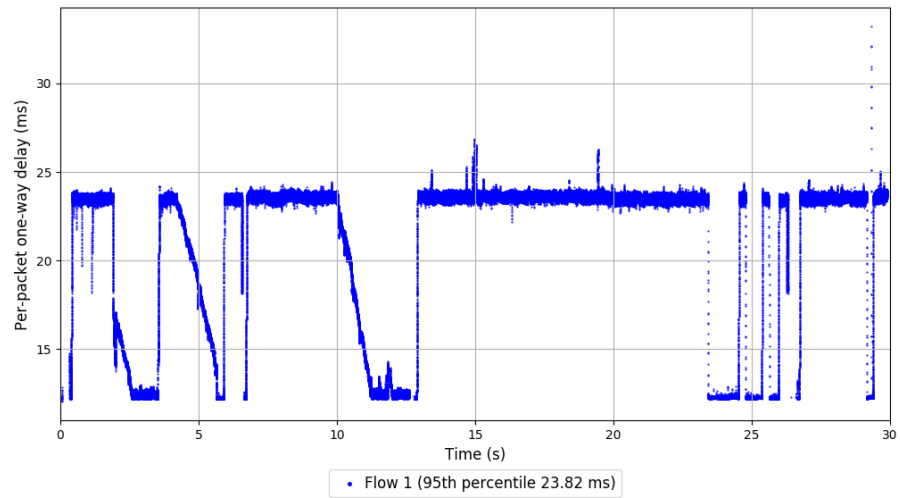
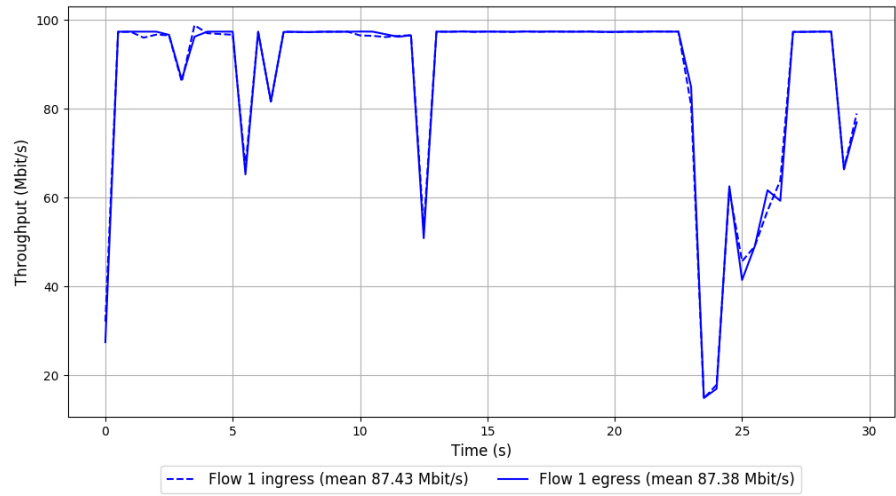
-- Flow 1:

Average throughput: 87.38 Mbit/s

95th percentile per-packet one-way delay: 23.825 ms

Loss rate: 0.13%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-04-10 10:27:48

End at: 2018-04-10 10:28:18

Local clock offset: -0.129 ms

Remote clock offset: 0.644 ms

Below is generated by plot.py at 2018-04-10 16:20:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.81 Mbit/s

95th percentile per-packet one-way delay: 21.994 ms

Loss rate: 0.08%

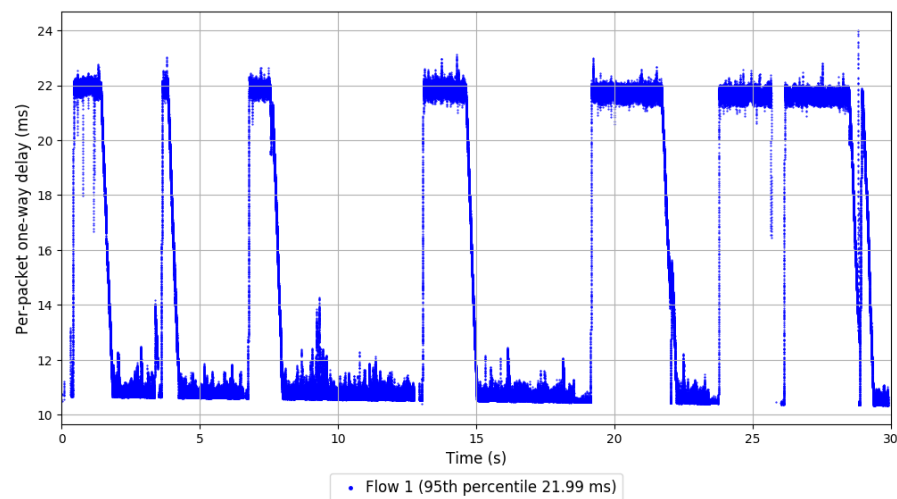
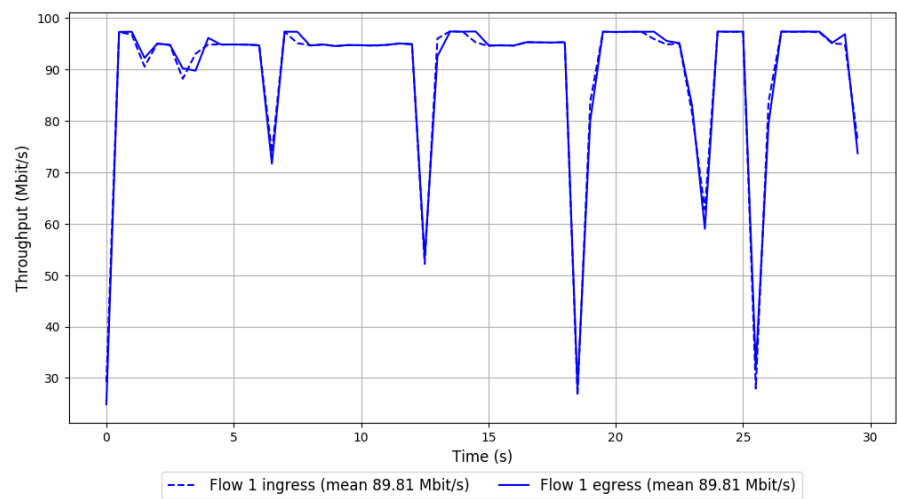
-- Flow 1:

Average throughput: 89.81 Mbit/s

95th percentile per-packet one-way delay: 21.994 ms

Loss rate: 0.08%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-04-10 10:48:45

End at: 2018-04-10 10:49:15

Local clock offset: -0.58 ms

Remote clock offset: -7.644 ms

Below is generated by plot.py at 2018-04-10 16:20:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 22.516 ms

Loss rate: 0.08%

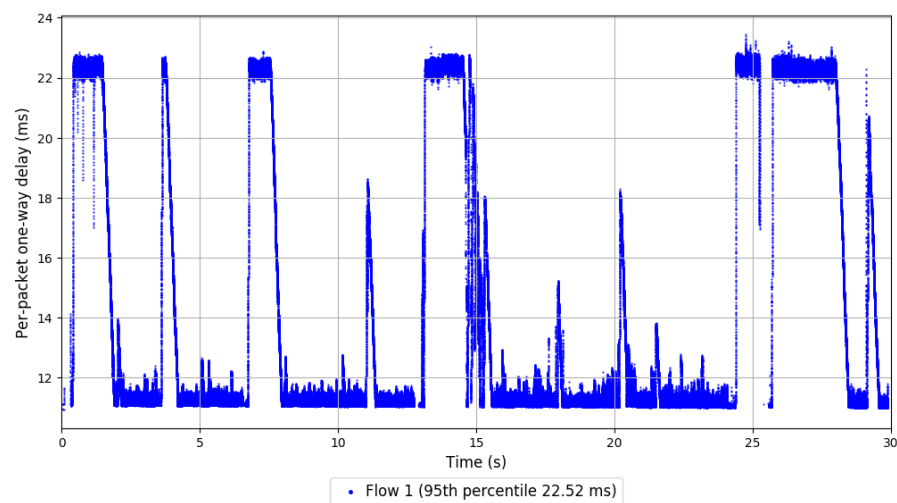
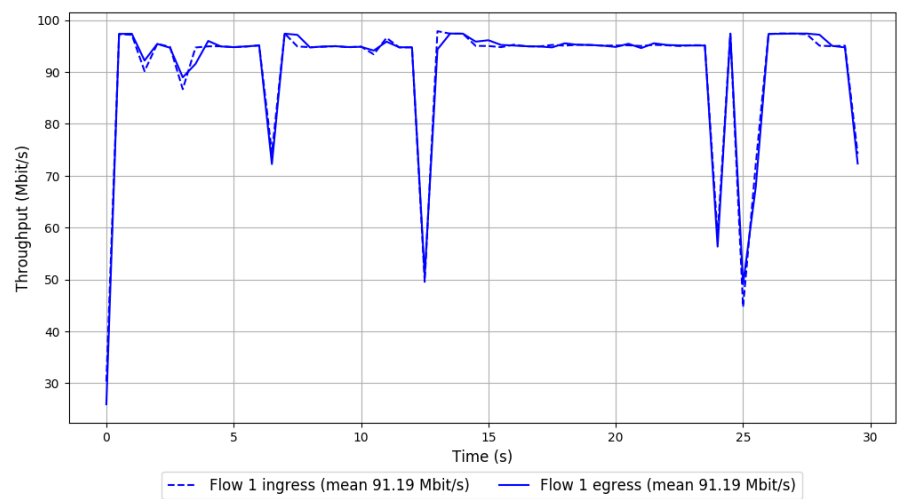
-- Flow 1:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 22.516 ms

Loss rate: 0.08%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-04-10 11:10:01

End at: 2018-04-10 11:10:31

Local clock offset: -0.76 ms

Remote clock offset: 14.04 ms

Below is generated by plot.py at 2018-04-10 16:20:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.41 Mbit/s

95th percentile per-packet one-way delay: 13.972 ms

Loss rate: 0.13%

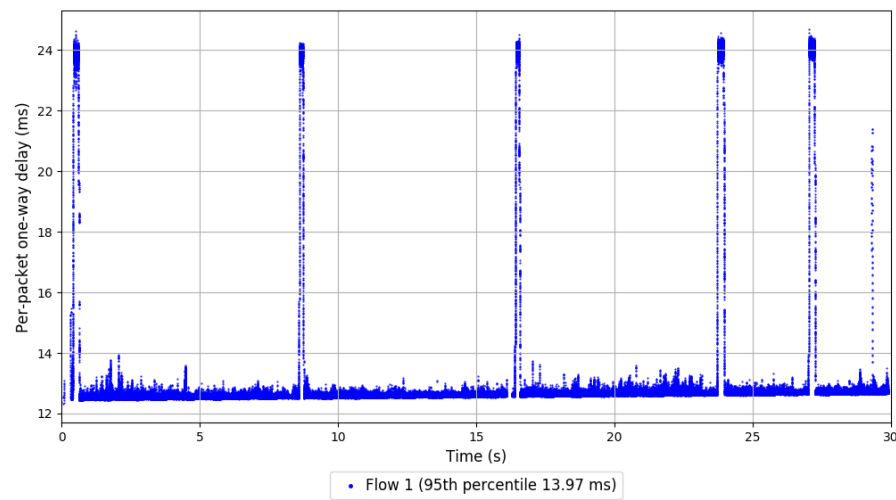
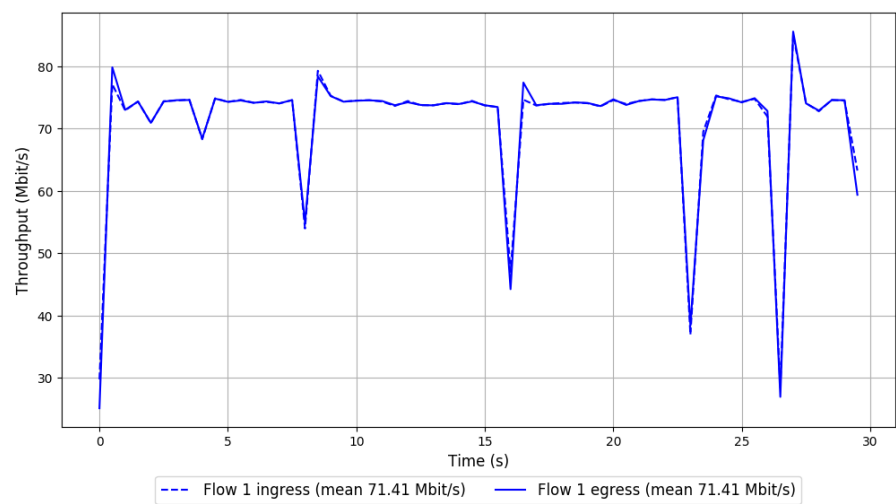
-- Flow 1:

Average throughput: 71.41 Mbit/s

95th percentile per-packet one-way delay: 13.972 ms

Loss rate: 0.13%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-04-10 11:31:07

End at: 2018-04-10 11:31:37

Local clock offset: 0.537 ms

Remote clock offset: 7.387 ms

Below is generated by plot.py at 2018-04-10 16:20:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.91 Mbit/s

95th percentile per-packet one-way delay: 22.972 ms

Loss rate: 0.10%

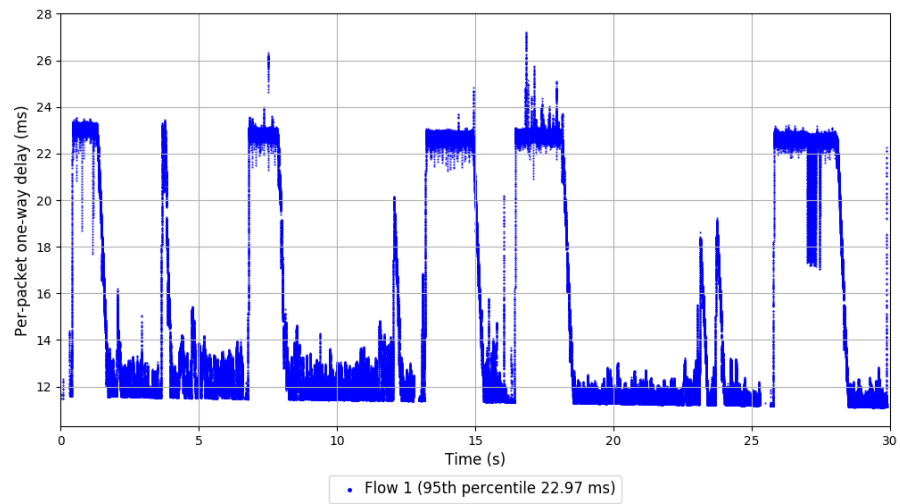
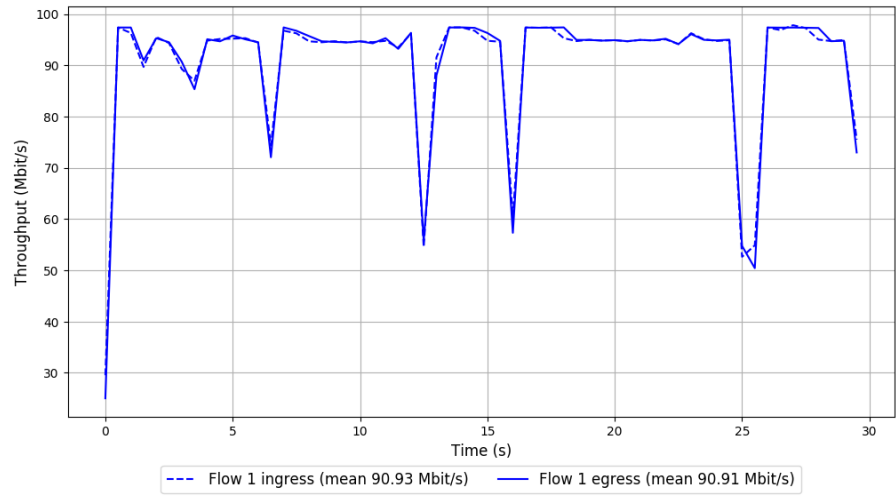
-- Flow 1:

Average throughput: 90.91 Mbit/s

95th percentile per-packet one-way delay: 22.972 ms

Loss rate: 0.10%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-04-10 11:52:19

End at: 2018-04-10 11:52:49

Local clock offset: 1.405 ms

Remote clock offset: -0.527 ms

Below is generated by plot.py at 2018-04-10 16:21:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.86 Mbit/s

95th percentile per-packet one-way delay: 22.347 ms

Loss rate: 0.11%

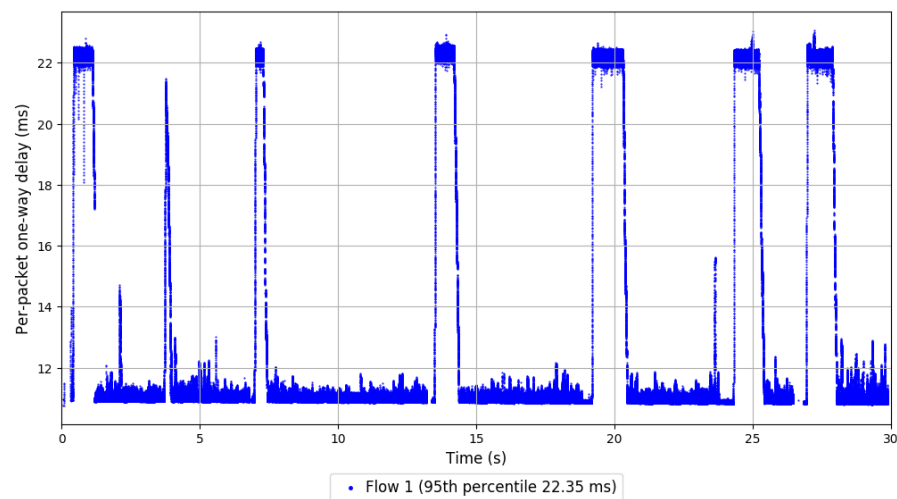
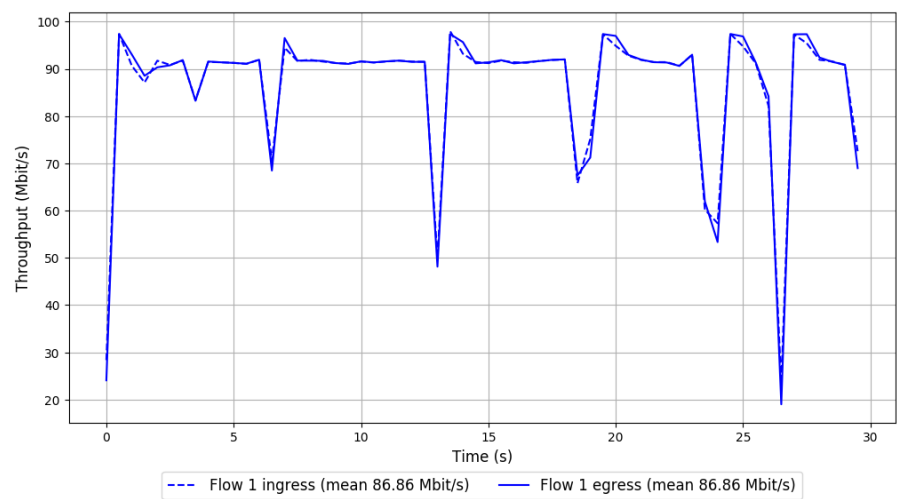
-- Flow 1:

Average throughput: 86.86 Mbit/s

95th percentile per-packet one-way delay: 22.347 ms

Loss rate: 0.11%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-04-10 12:13:22

End at: 2018-04-10 12:13:52

Local clock offset: 0.23 ms

Remote clock offset: 17.721 ms

Below is generated by plot.py at 2018-04-10 16:21:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 22.877 ms

Loss rate: 0.08%

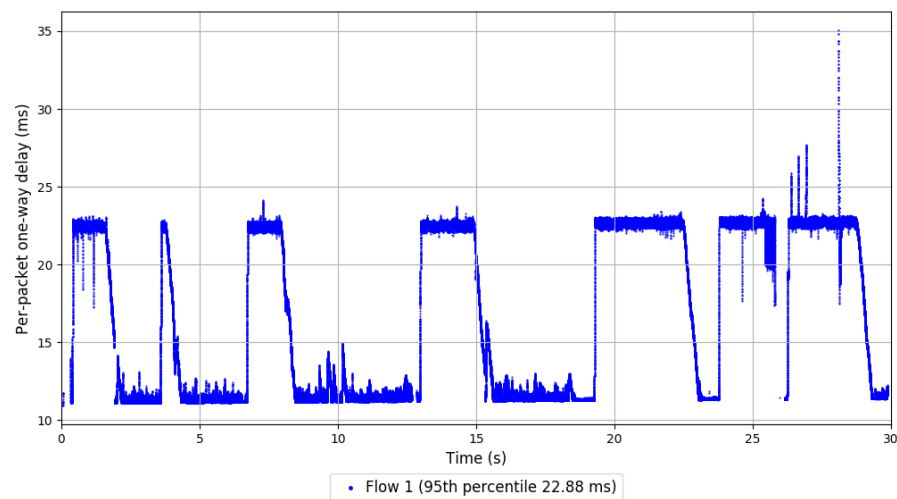
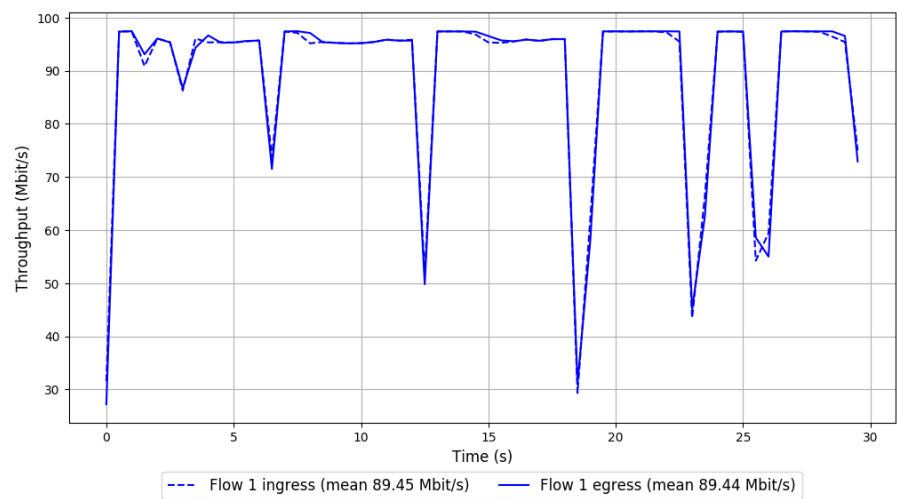
-- Flow 1:

Average throughput: 89.44 Mbit/s

95th percentile per-packet one-way delay: 22.877 ms

Loss rate: 0.08%

Run 10: Report of QUIC Cubic — Data Link

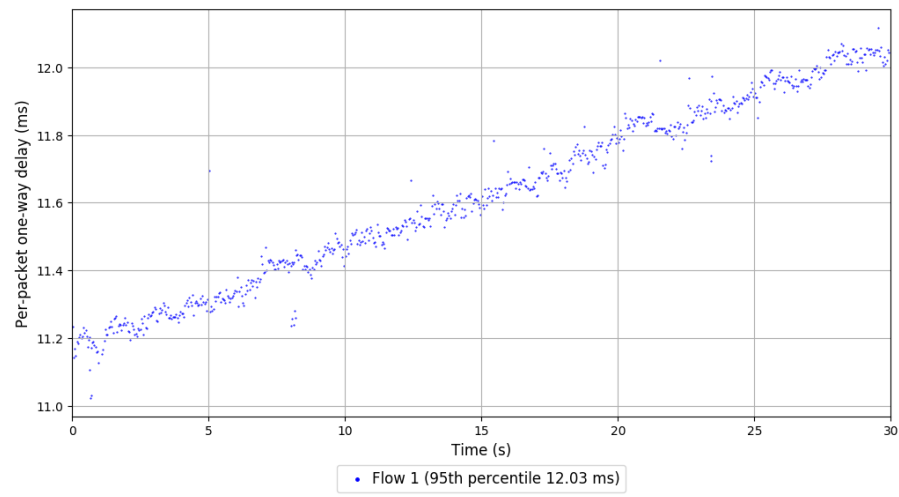
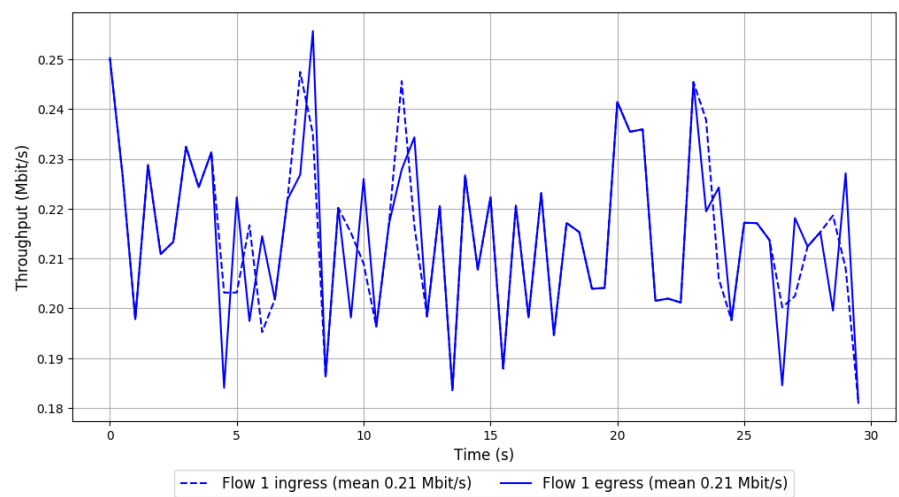


```
Run 1: Statistics of SCReAM

Start at: 2018-04-10 09:10:08
End at: 2018-04-10 09:10:38
Local clock offset: 0.347 ms
Remote clock offset: 2.781 ms

# Below is generated by plot.py at 2018-04-10 16:21:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.031 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

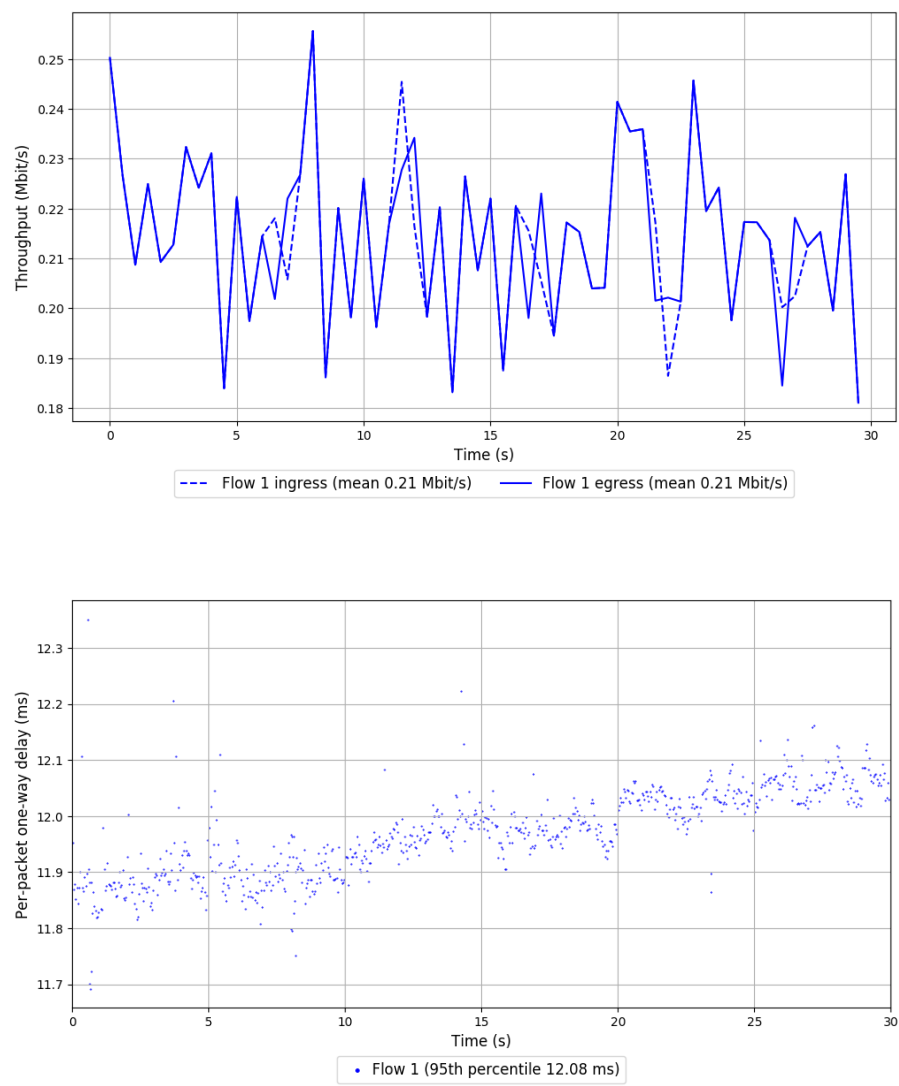


Run 2: Statistics of SCReAM

Start at: 2018-04-10 09:31:14
End at: 2018-04-10 09:31:44
Local clock offset: 1.674 ms
Remote clock offset: 22.031 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.078 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

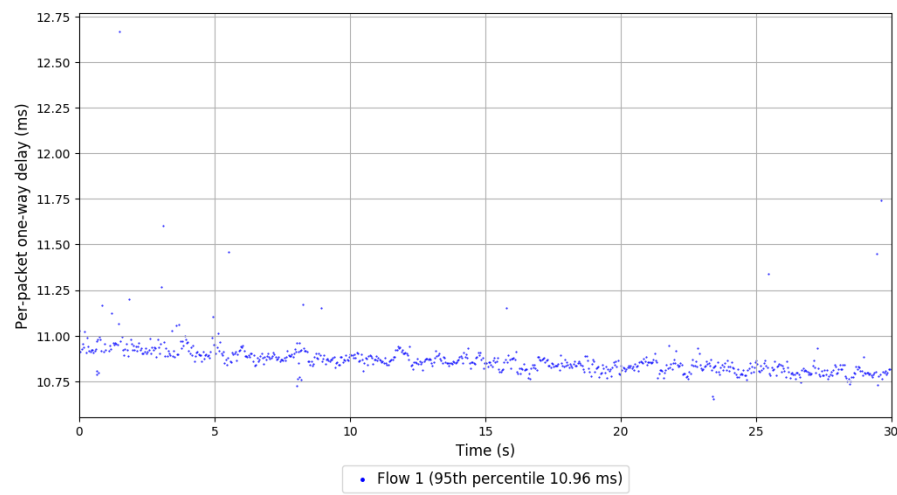
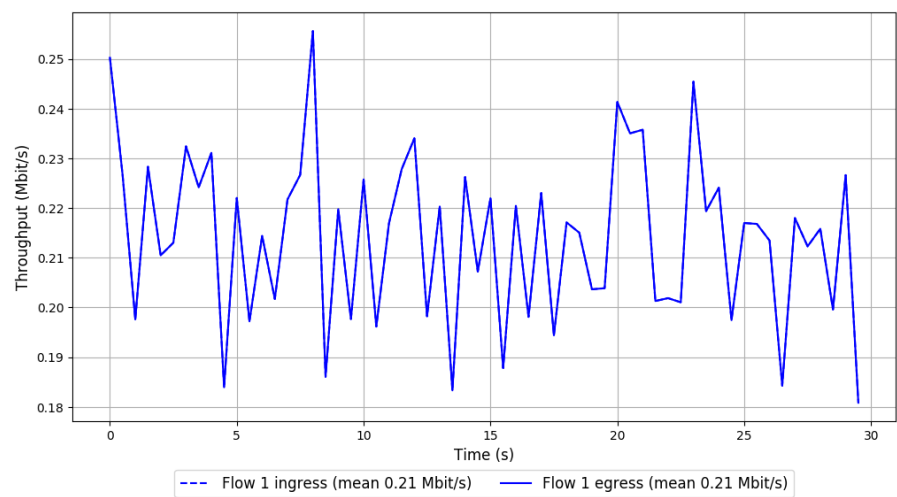


Run 3: Statistics of SCReAM

Start at: 2018-04-10 09:52:17
End at: 2018-04-10 09:52:47
Local clock offset: 0.081 ms
Remote clock offset: 18.147 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.965 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-04-10 10:13:37

End at: 2018-04-10 10:14:07

Local clock offset: 0.421 ms

Remote clock offset: 18.0 ms

Below is generated by plot.py at 2018-04-10 16:21:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 11.570 ms

Loss rate: 0.12%

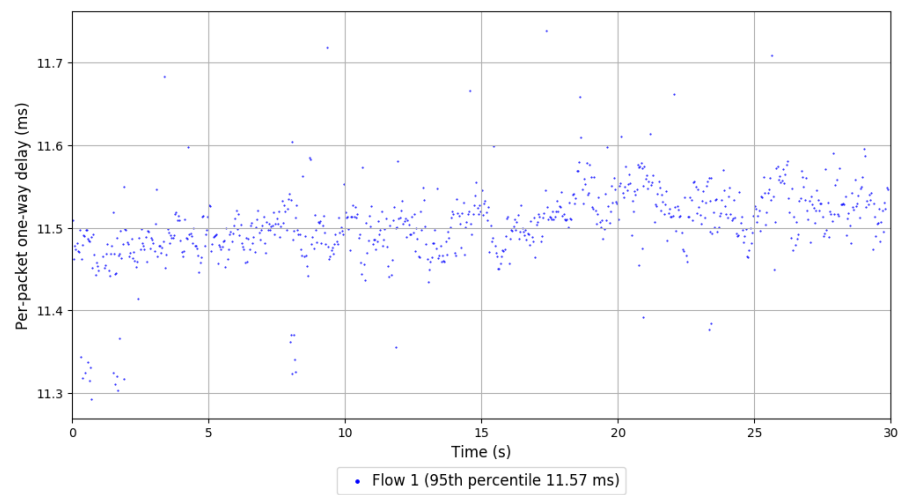
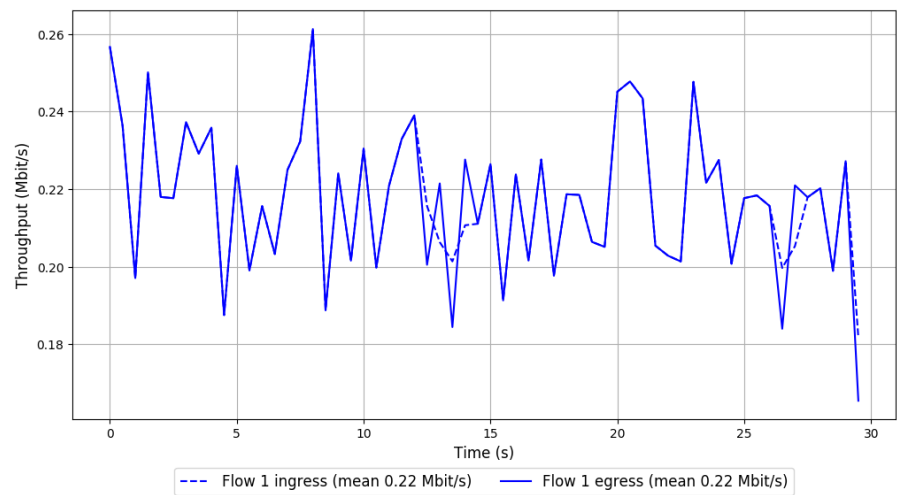
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 11.570 ms

Loss rate: 0.12%

Run 4: Report of SReAM — Data Link

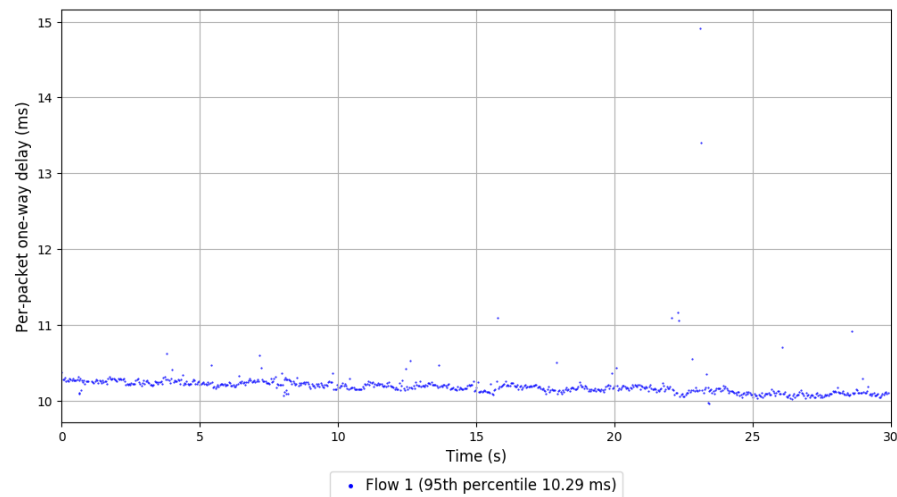
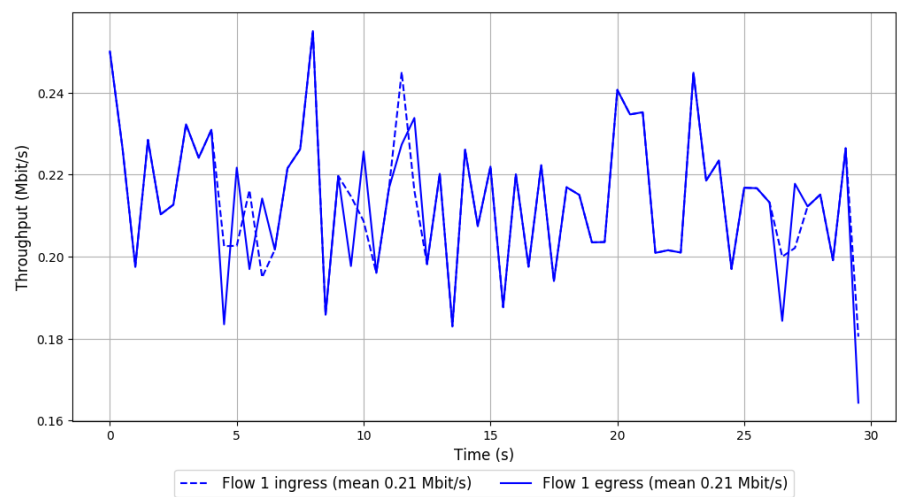


Run 5: Statistics of SCReAM

Start at: 2018-04-10 10:34:56
End at: 2018-04-10 10:35:26
Local clock offset: -0.598 ms
Remote clock offset: -3.219 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.295 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.295 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-04-10 10:55:49

End at: 2018-04-10 10:56:19

Local clock offset: -0.538 ms

Remote clock offset: 3.995 ms

Below is generated by plot.py at 2018-04-10 16:21:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.757 ms

Loss rate: 0.00%

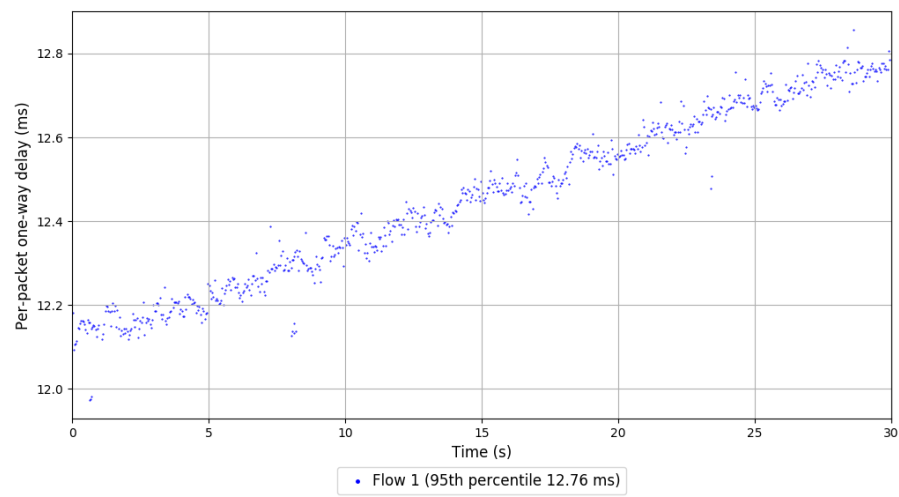
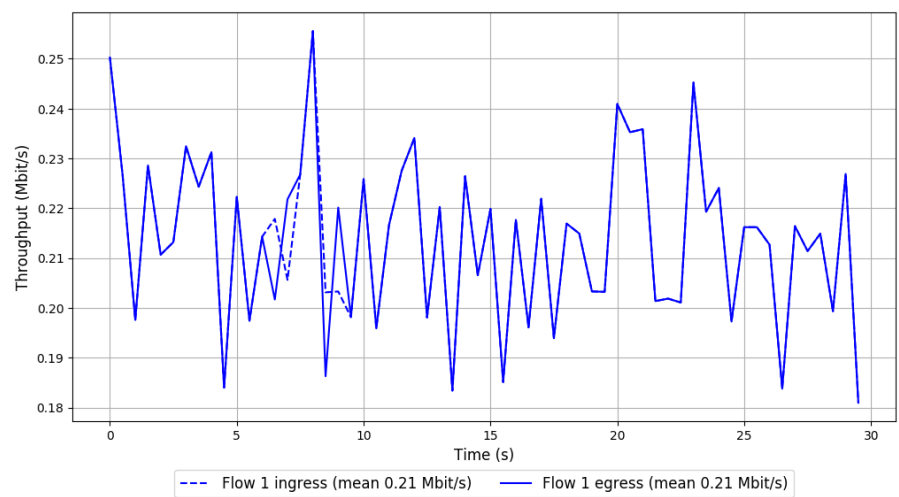
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.757 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

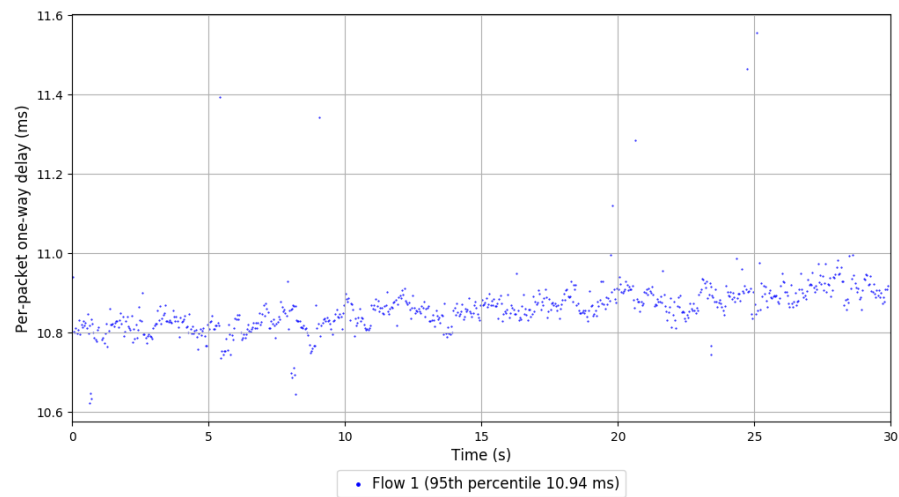
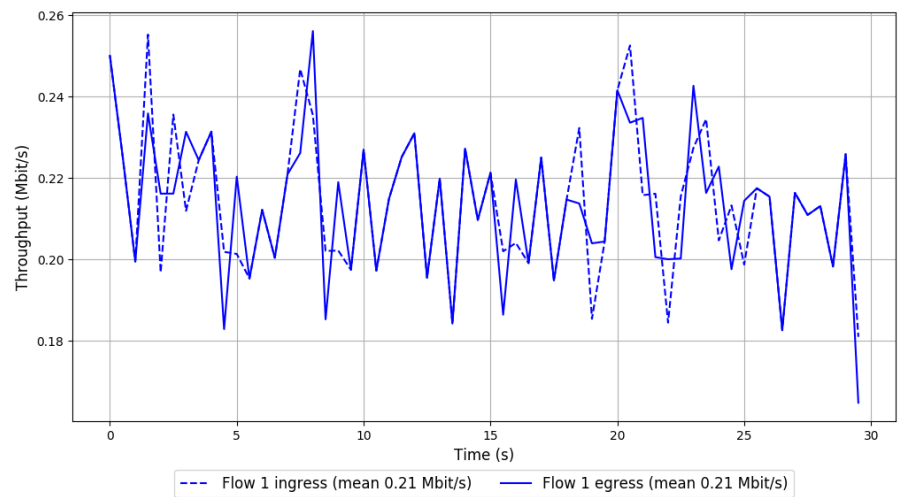


Run 7: Statistics of SCReAM

Start at: 2018-04-10 11:17:14
End at: 2018-04-10 11:17:44
Local clock offset: -1.448 ms
Remote clock offset: 17.262 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.935 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.935 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-04-10 11:38:14

End at: 2018-04-10 11:38:44

Local clock offset: 1.426 ms

Remote clock offset: 3.978 ms

Below is generated by plot.py at 2018-04-10 16:21:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.946 ms

Loss rate: 0.00%

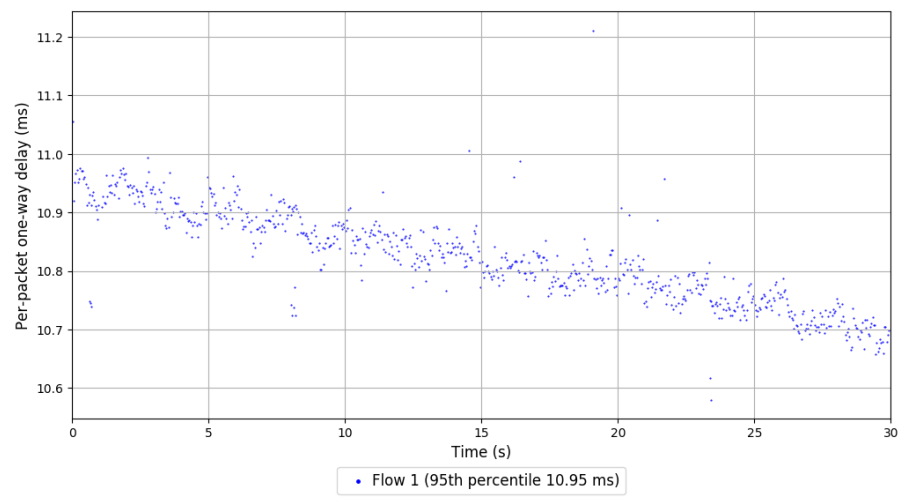
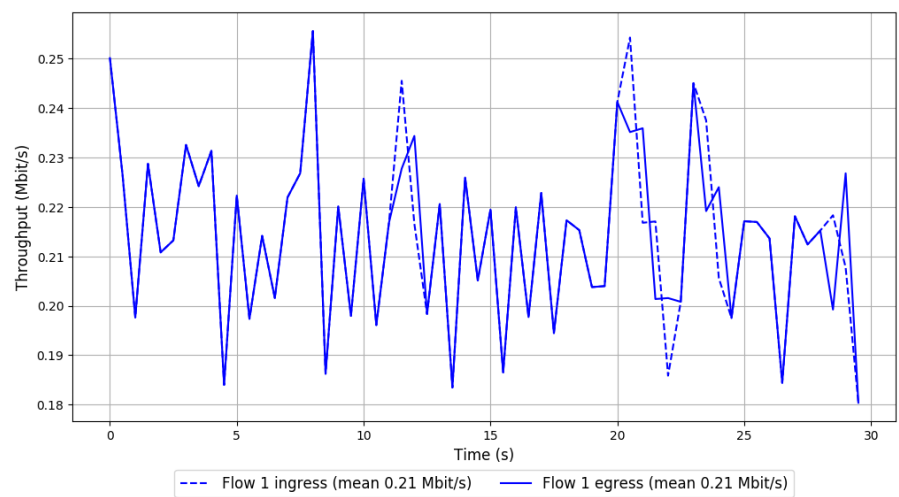
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.946 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-04-10 11:59:20

End at: 2018-04-10 11:59:50

Local clock offset: 0.678 ms

Remote clock offset: 1.366 ms

Below is generated by plot.py at 2018-04-10 16:21:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.806 ms

Loss rate: 0.00%

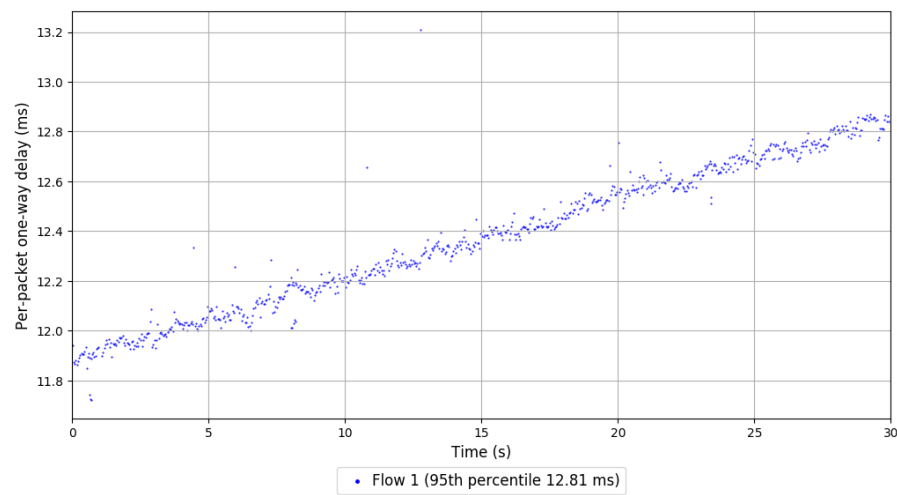
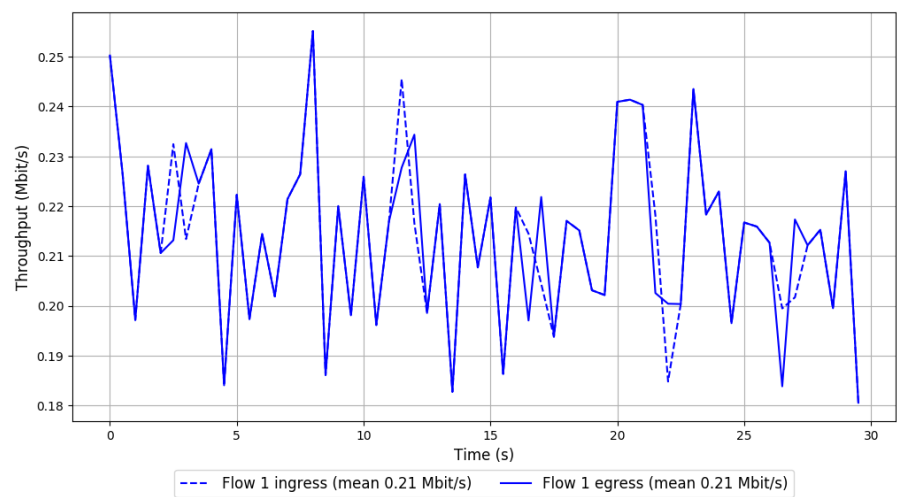
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.806 ms

Loss rate: 0.00%

Run 9: Report of SCSReAM — Data Link

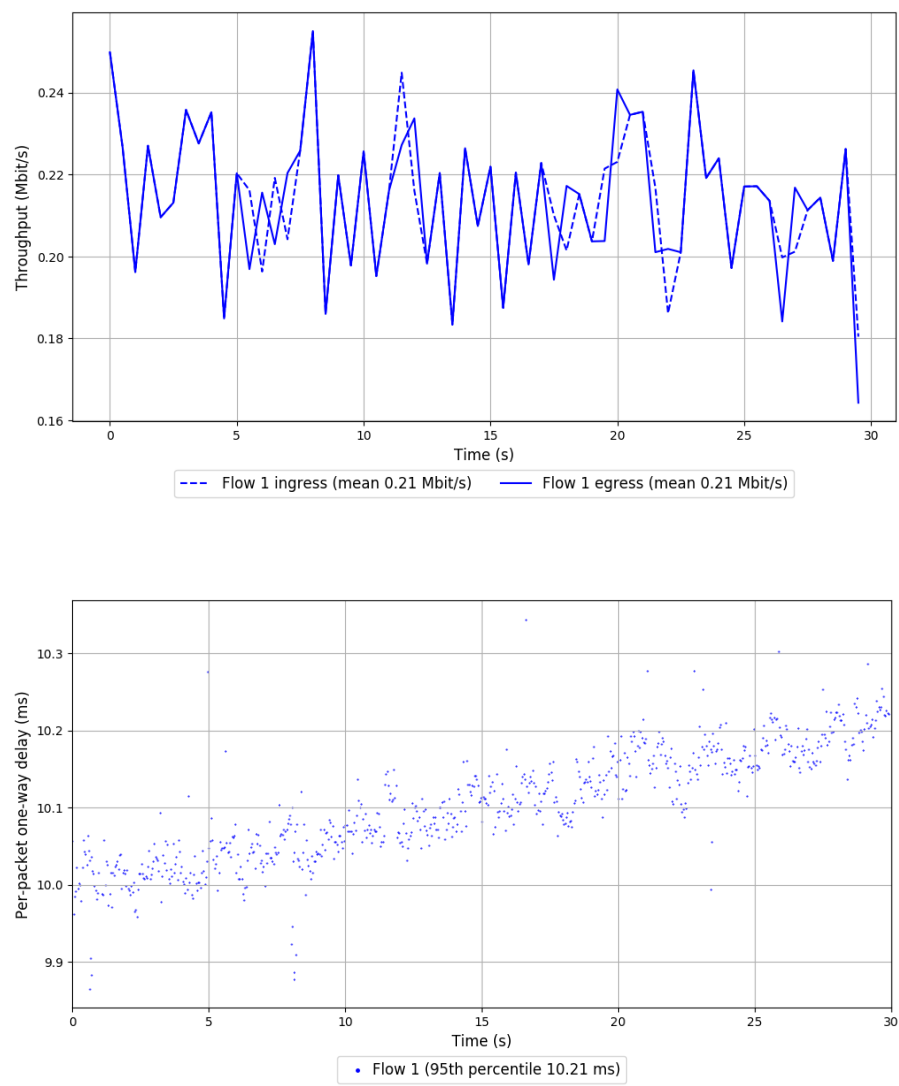


Run 10: Statistics of SReAM

Start at: 2018-04-10 12:20:27
End at: 2018-04-10 12:20:57
Local clock offset: -0.626 ms
Remote clock offset: 21.558 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.215 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.215 ms
Loss rate: 0.13%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-04-10 09:14:39

End at: 2018-04-10 09:15:09

Local clock offset: 0.466 ms

Remote clock offset: 9.812 ms

Below is generated by plot.py at 2018-04-10 16:21:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 12.612 ms

Loss rate: 0.00%

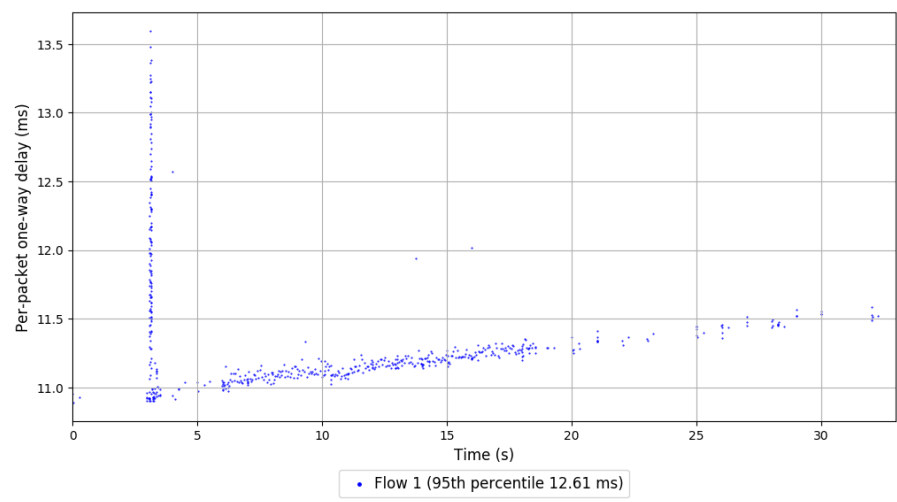
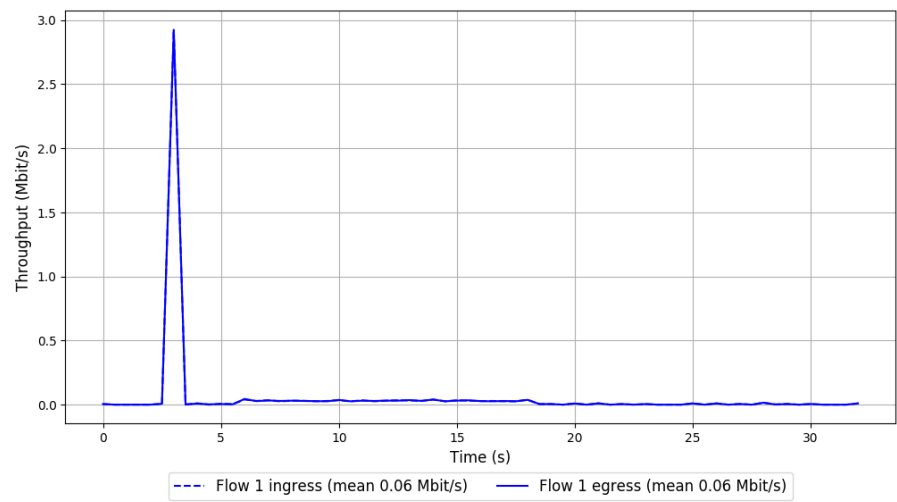
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 12.612 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

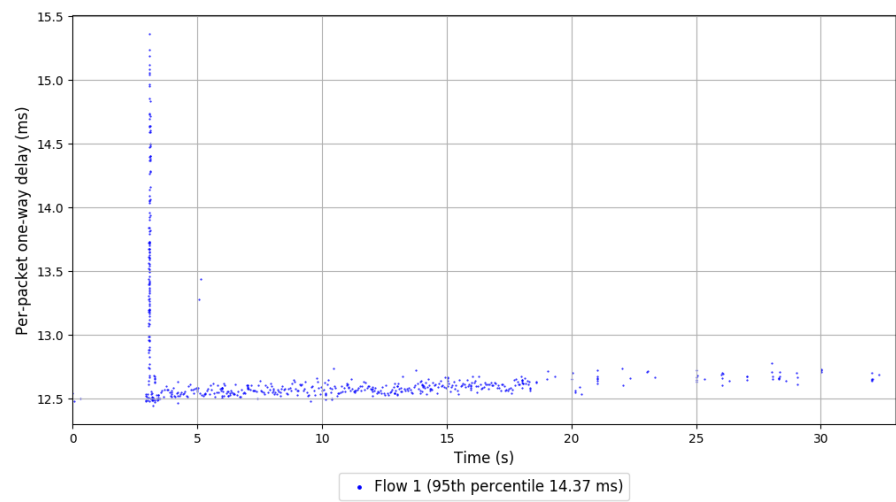
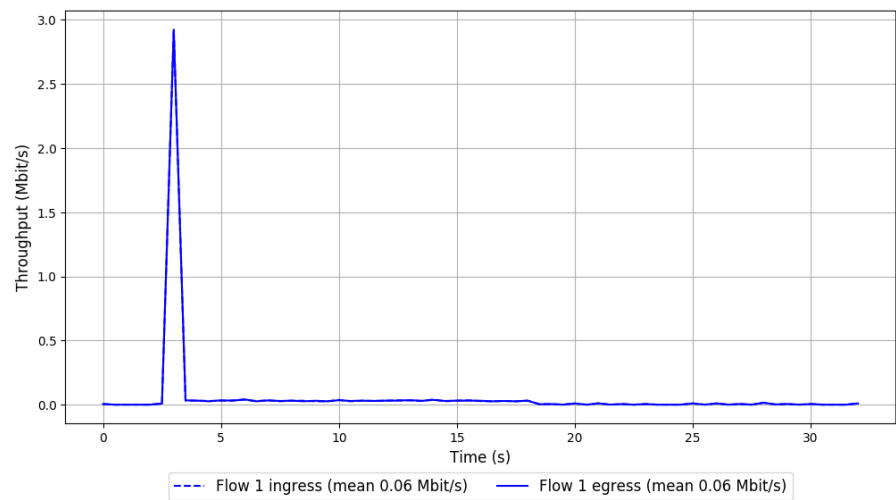


Run 2: Statistics of WebRTC media

Start at: 2018-04-10 09:35:52
End at: 2018-04-10 09:36:22
Local clock offset: 2.224 ms
Remote clock offset: 23.672 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 14.369 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 14.369 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

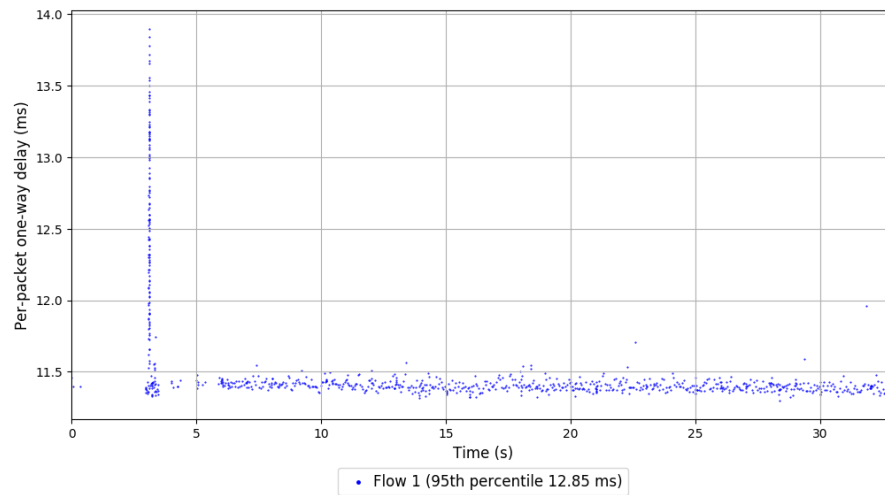
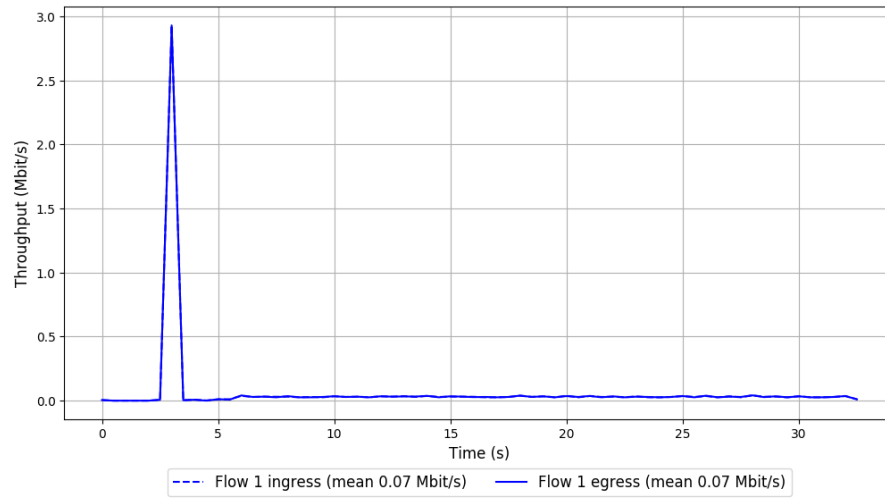


Run 3: Statistics of WebRTC media

Start at: 2018-04-10 09:56:51
End at: 2018-04-10 09:57:21
Local clock offset: 0.091 ms
Remote clock offset: 16.759 ms

Below is generated by plot.py at 2018-04-10 16:21:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 12.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 12.852 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

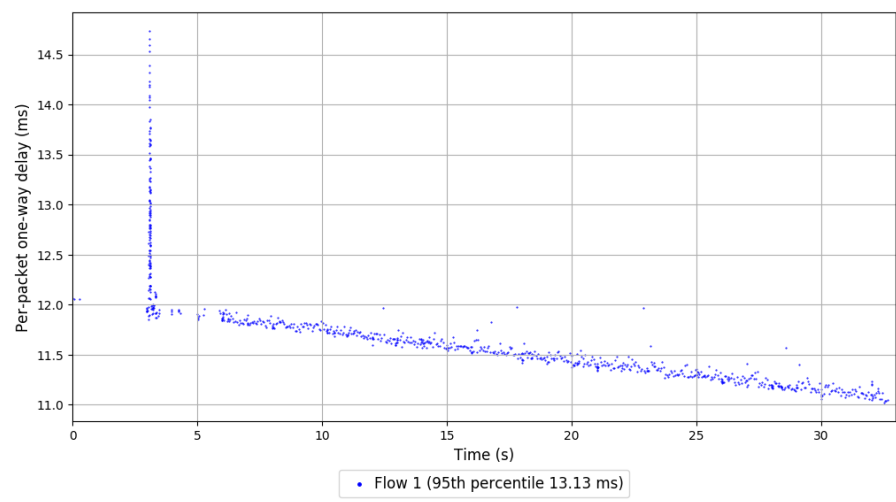
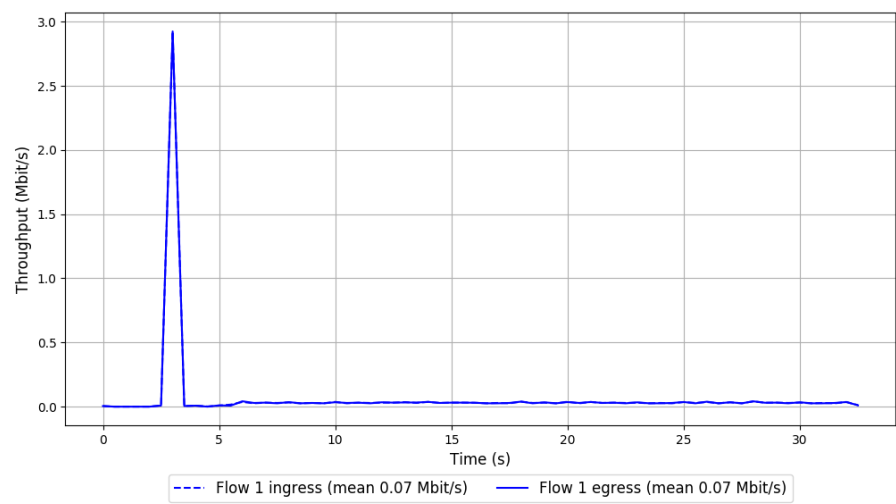


Run 4: Statistics of WebRTC media

Start at: 2018-04-10 10:18:18
End at: 2018-04-10 10:18:49
Local clock offset: 0.385 ms
Remote clock offset: 10.912 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 13.130 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 13.130 ms
Loss rate: 0.03%

Run 4: Report of WebRTC media — Data Link

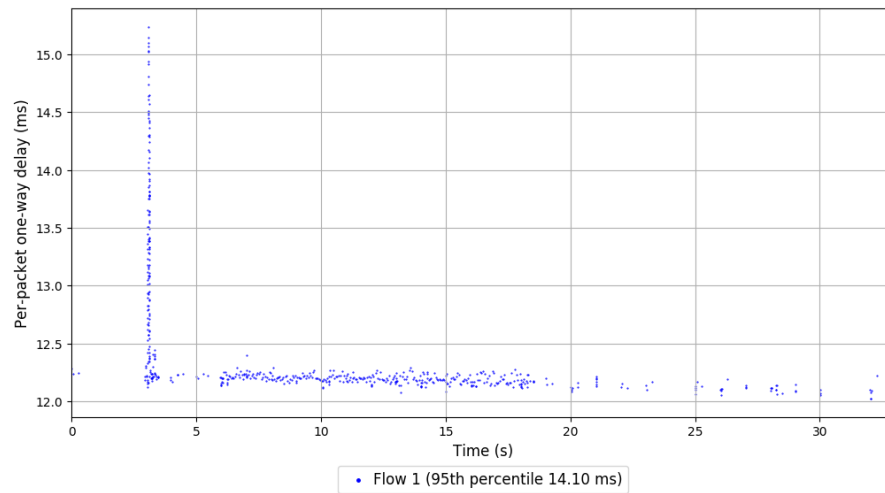
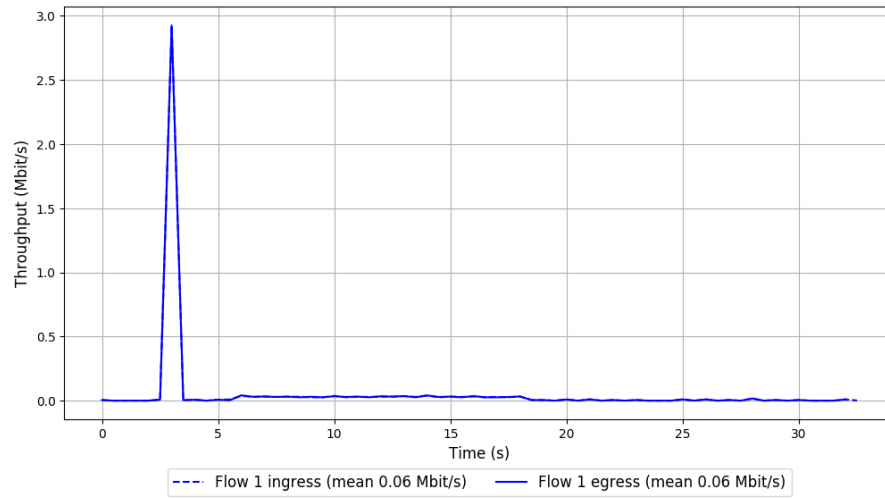


Run 5: Statistics of WebRTC media

Start at: 2018-04-10 10:39:32
End at: 2018-04-10 10:40:03
Local clock offset: -0.059 ms
Remote clock offset: -6.339 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 14.103 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 14.103 ms
Loss rate: 0.04%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-04-10 11:00:33

End at: 2018-04-10 11:01:03

Local clock offset: -0.895 ms

Remote clock offset: 9.323 ms

Below is generated by plot.py at 2018-04-10 16:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 12.914 ms

Loss rate: 0.00%

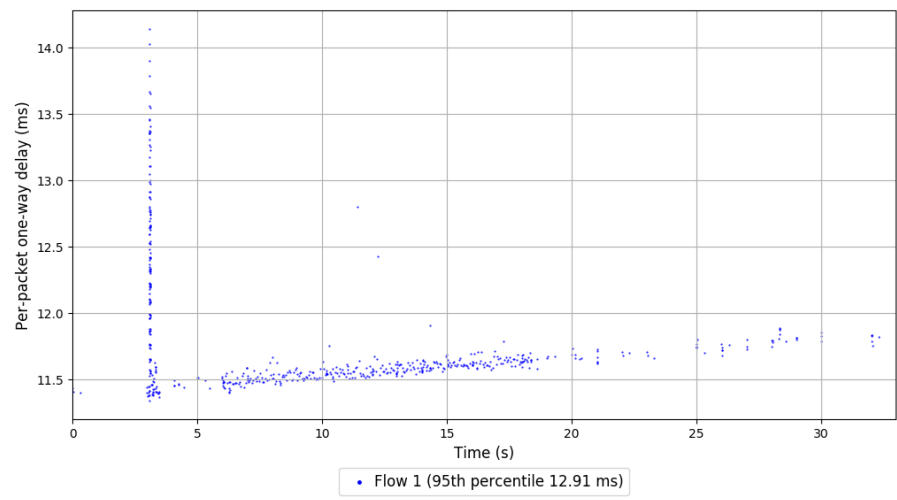
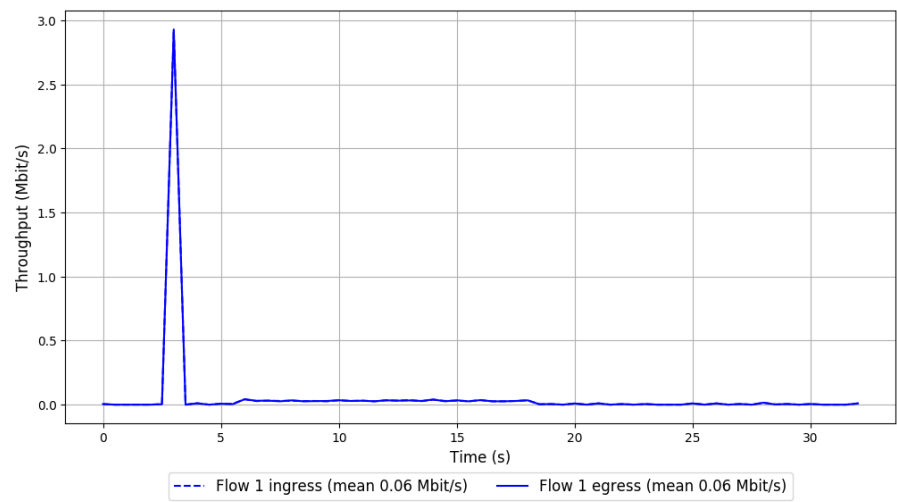
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 12.914 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-04-10 11:21:52

End at: 2018-04-10 11:22:22

Local clock offset: -0.678 ms

Remote clock offset: 18.23 ms

Below is generated by plot.py at 2018-04-10 16:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 12.311 ms

Loss rate: 0.00%

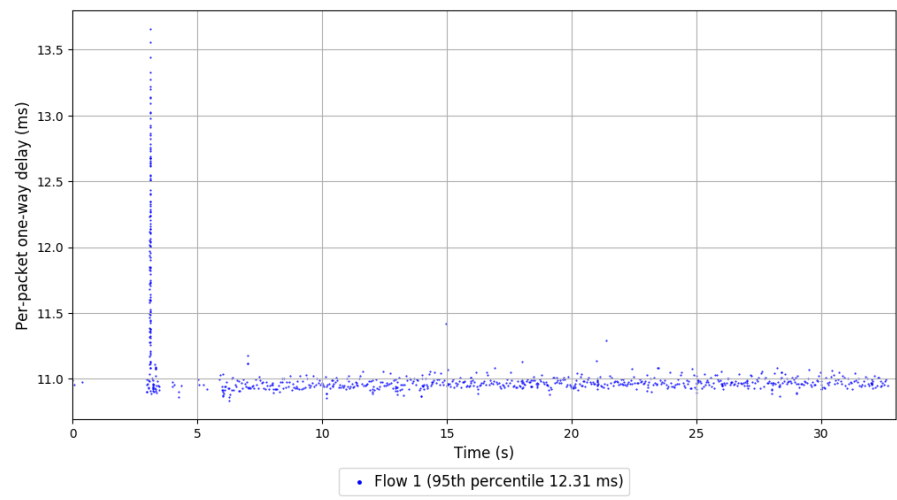
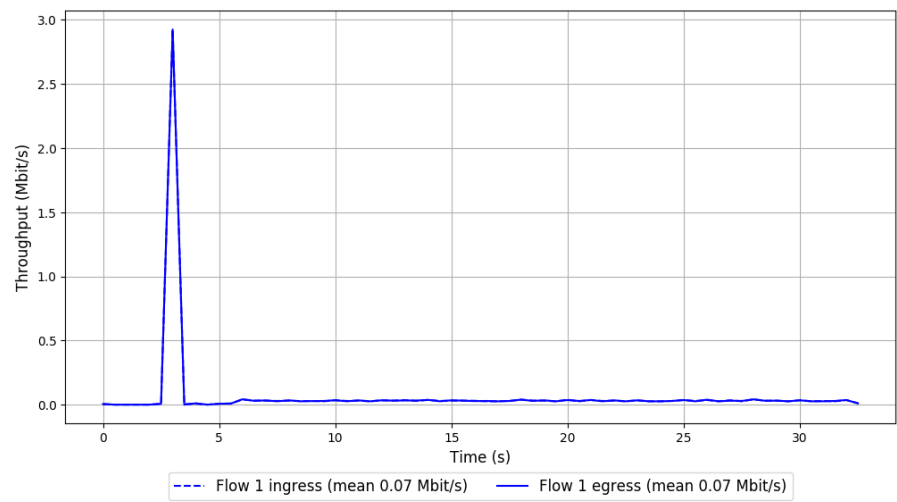
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 12.311 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-04-10 11:42:51

End at: 2018-04-10 11:43:21

Local clock offset: 1.065 ms

Remote clock offset: 1.766 ms

Below is generated by plot.py at 2018-04-10 16:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 12.058 ms

Loss rate: 0.06%

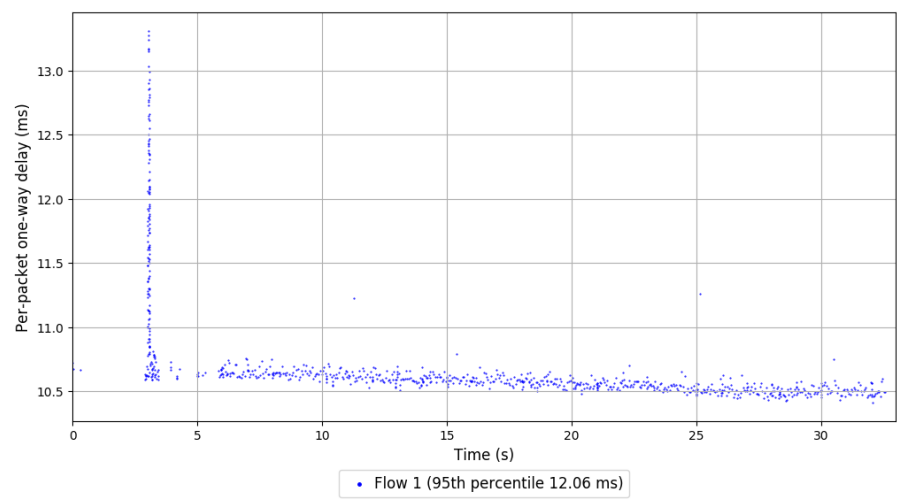
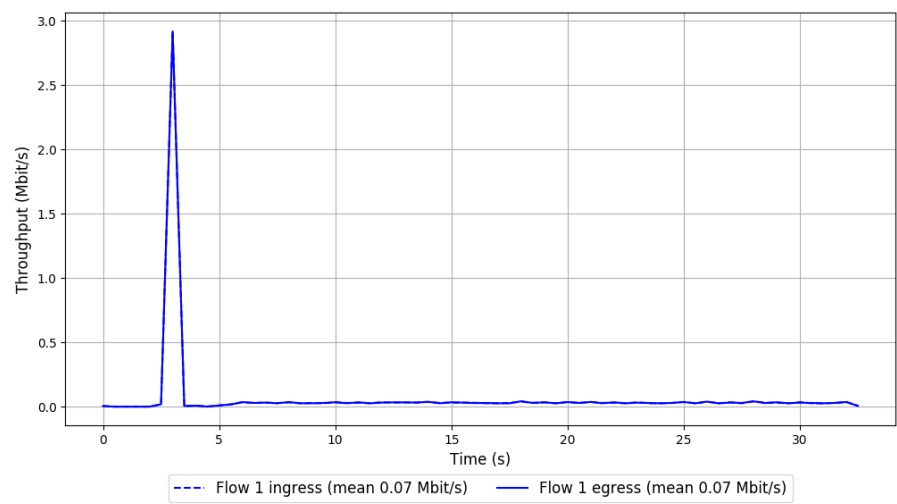
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 12.058 ms

Loss rate: 0.06%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-04-10 12:04:00

End at: 2018-04-10 12:04:30

Local clock offset: -0.217 ms

Remote clock offset: 9.132 ms

Below is generated by plot.py at 2018-04-10 16:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 12.419 ms

Loss rate: 0.00%

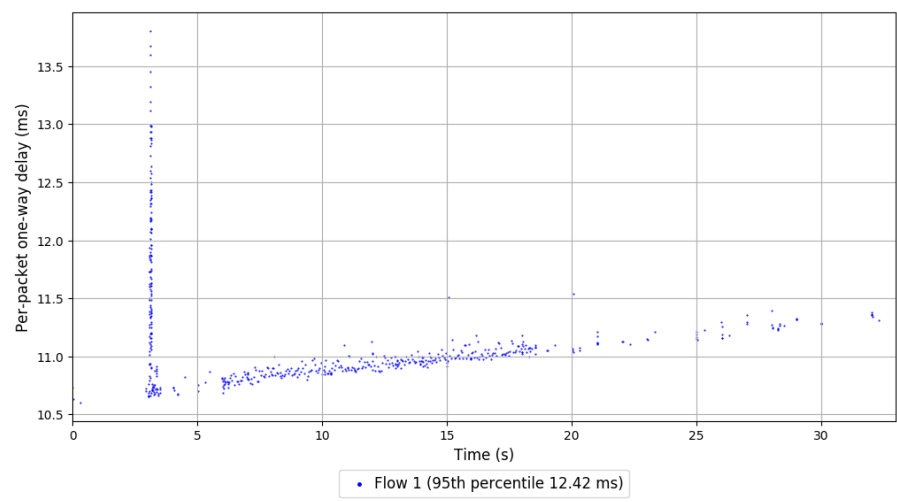
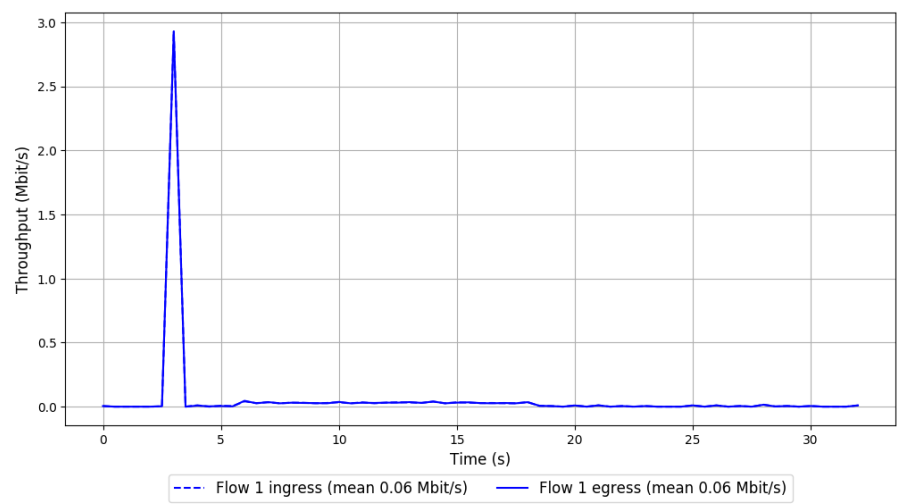
-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 12.419 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

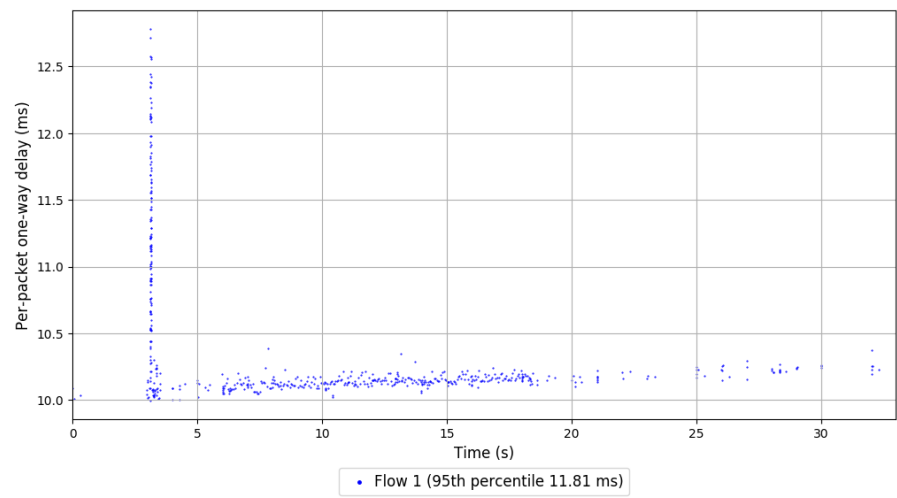
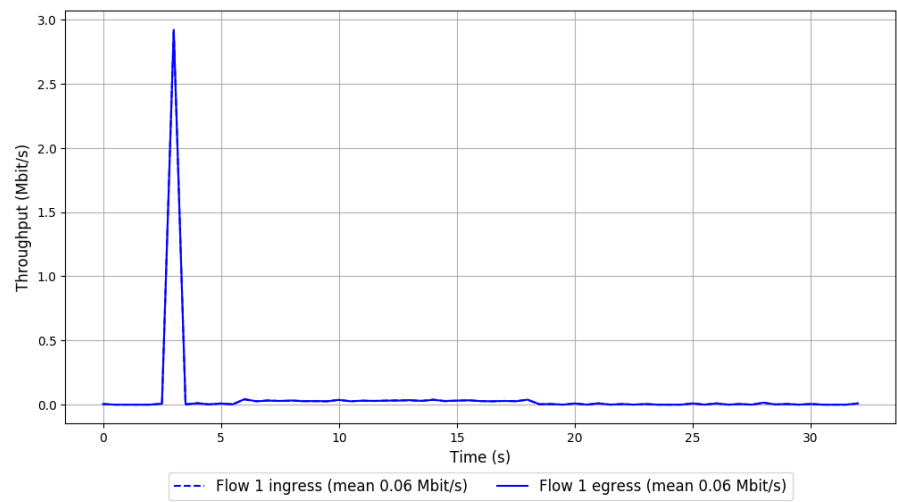


Run 10: Statistics of WebRTC media

Start at: 2018-04-10 12:25:06
End at: 2018-04-10 12:25:36
Local clock offset: -0.924 ms
Remote clock offset: 22.939 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 11.813 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 11.813 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

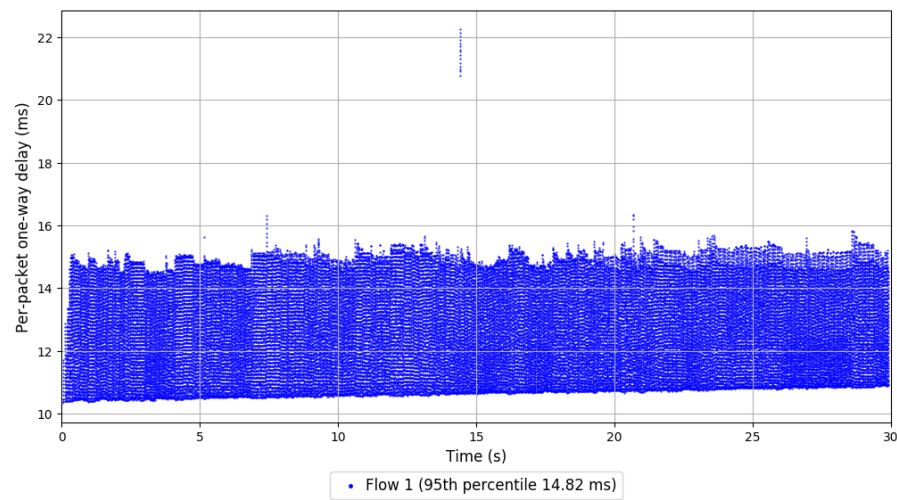
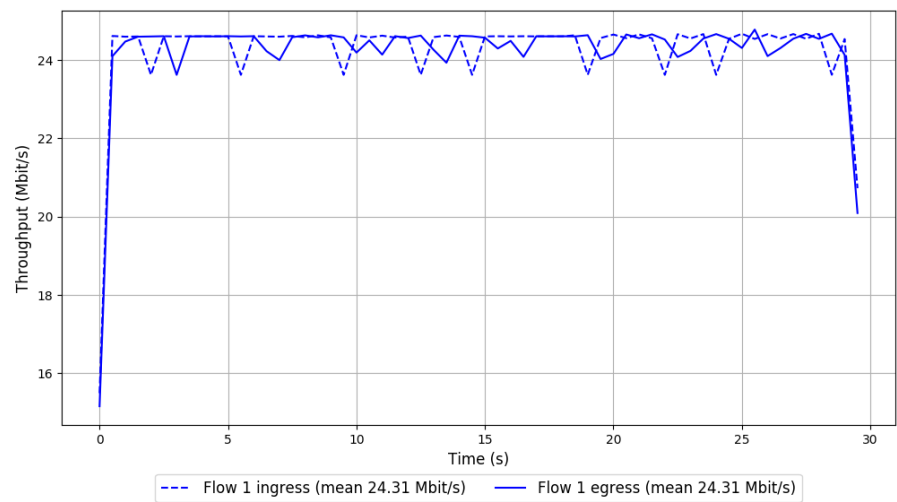


Run 1: Statistics of Sprout

Start at: 2018-04-10 09:18:06
End at: 2018-04-10 09:18:36
Local clock offset: 1.006 ms
Remote clock offset: 14.603 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 14.820 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 14.820 ms
Loss rate: 0.07%

Run 1: Report of Sprout — Data Link

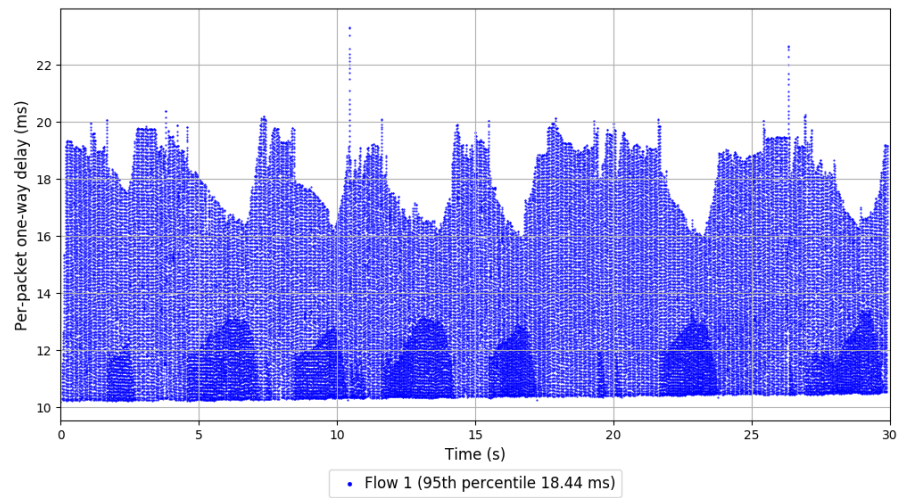
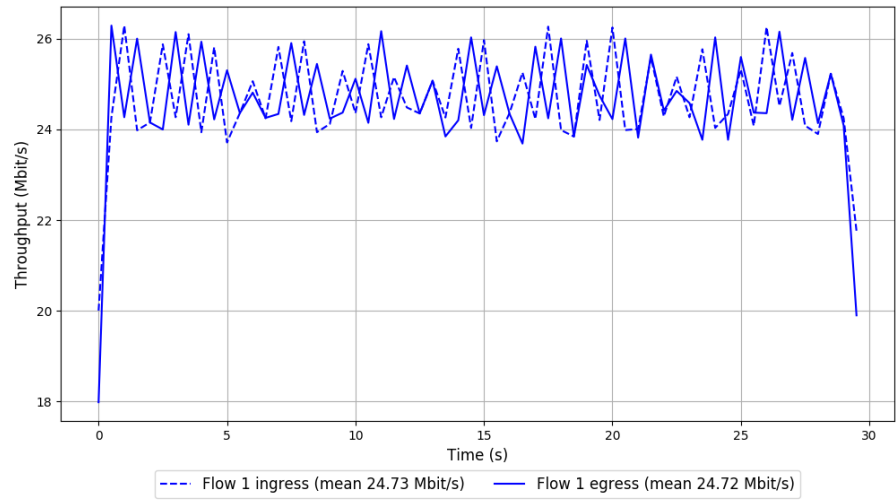


Run 2: Statistics of Sprout

Start at: 2018-04-10 09:39:23
End at: 2018-04-10 09:39:53
Local clock offset: 0.94 ms
Remote clock offset: 26.542 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 18.439 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 18.439 ms
Loss rate: 0.14%

Run 2: Report of Sprout — Data Link

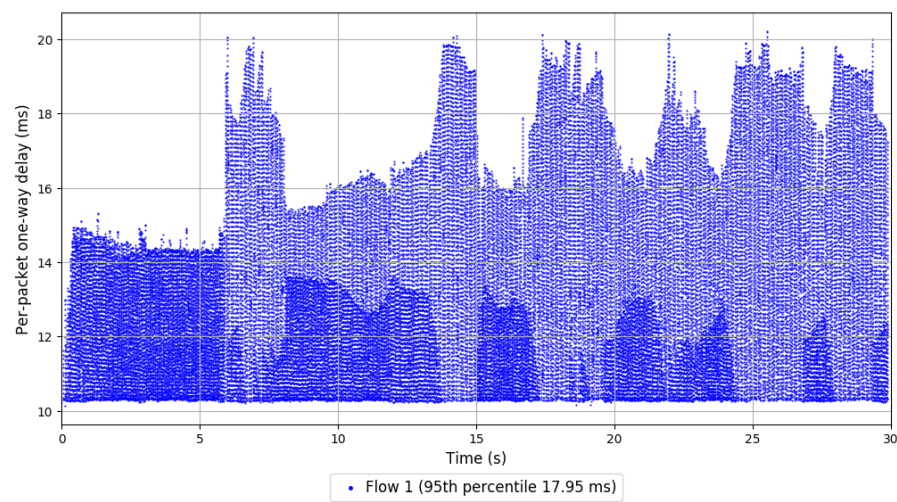
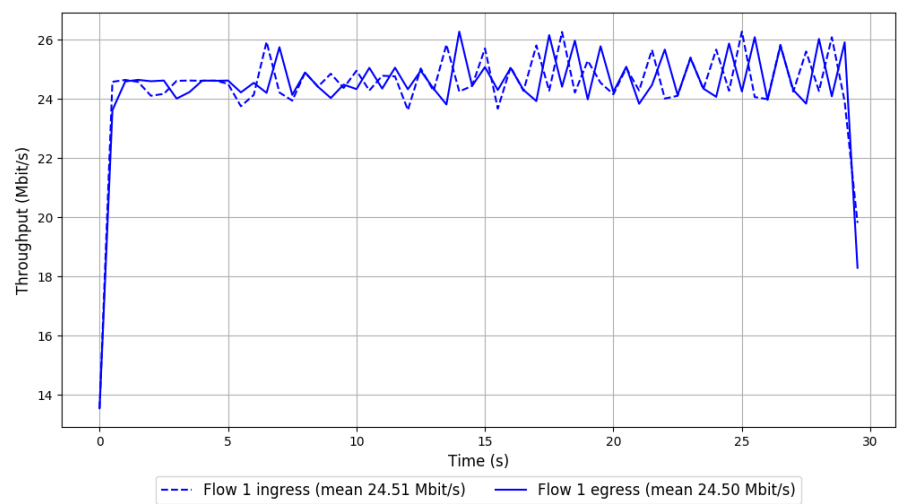


Run 3: Statistics of Sprout

Start at: 2018-04-10 10:00:28
End at: 2018-04-10 10:00:58
Local clock offset: 0.355 ms
Remote clock offset: 18.211 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 17.948 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 17.948 ms
Loss rate: 0.10%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-04-10 10:21:54

End at: 2018-04-10 10:22:24

Local clock offset: 0.338 ms

Remote clock offset: 6.76 ms

Below is generated by plot.py at 2018-04-10 16:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.70 Mbit/s

95th percentile per-packet one-way delay: 18.614 ms

Loss rate: 0.12%

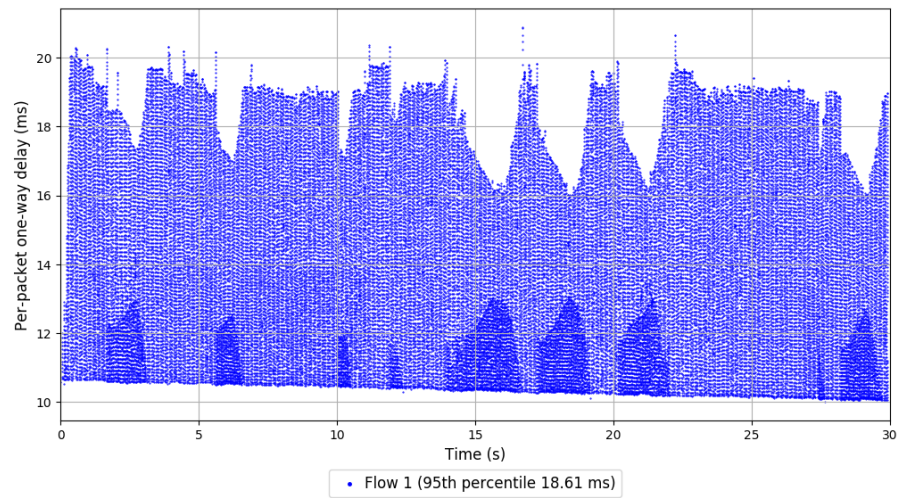
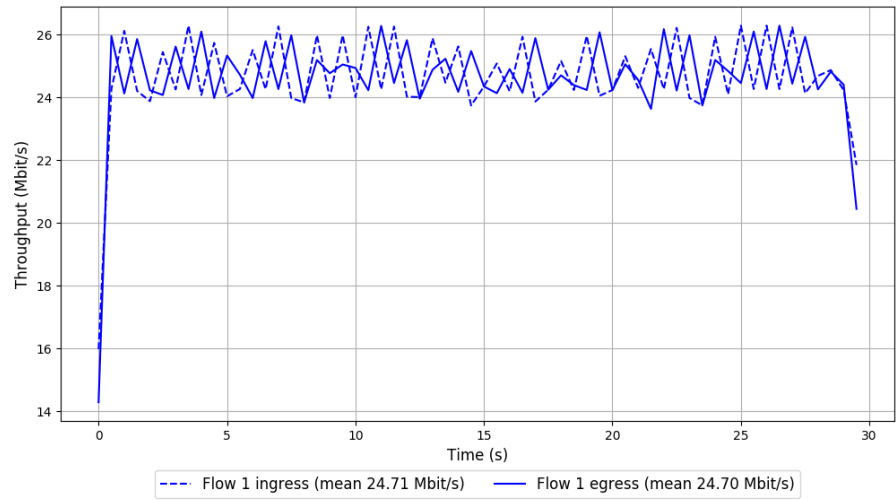
-- Flow 1:

Average throughput: 24.70 Mbit/s

95th percentile per-packet one-way delay: 18.614 ms

Loss rate: 0.12%

Run 4: Report of Sprout — Data Link

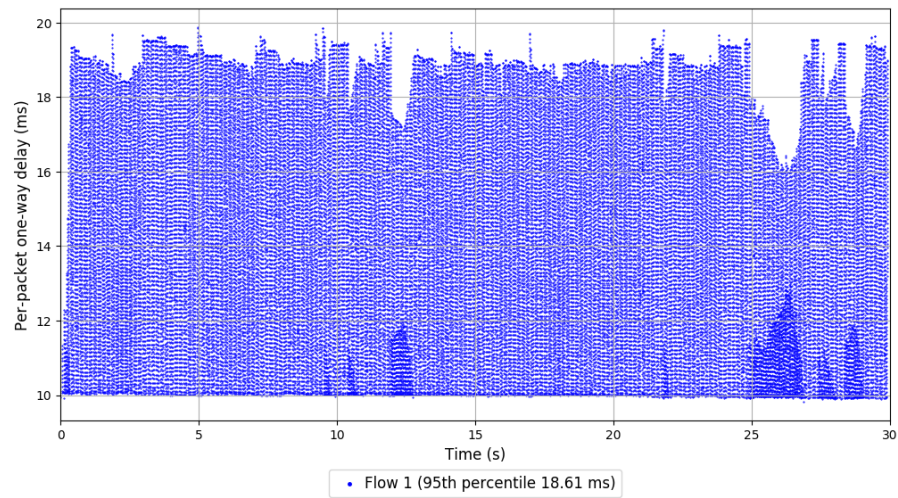
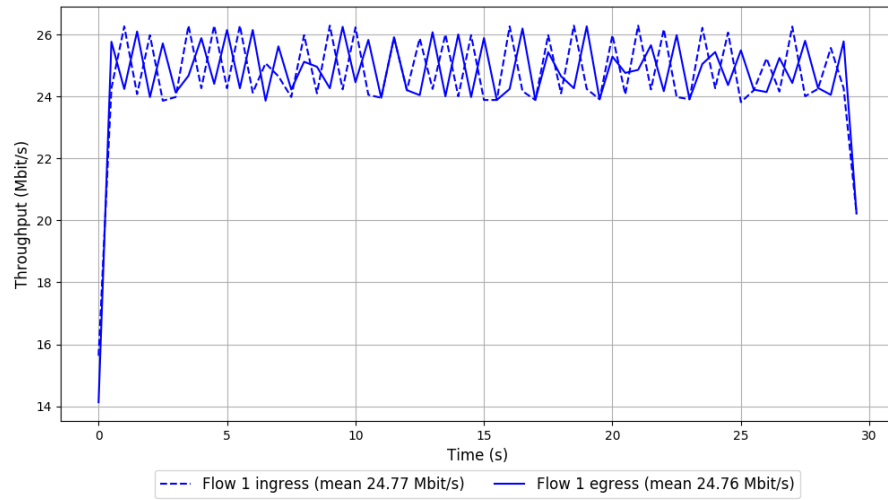


Run 5: Statistics of Sprout

Start at: 2018-04-10 10:43:00
End at: 2018-04-10 10:43:30
Local clock offset: -0.37 ms
Remote clock offset: -5.201 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 18.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 18.615 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

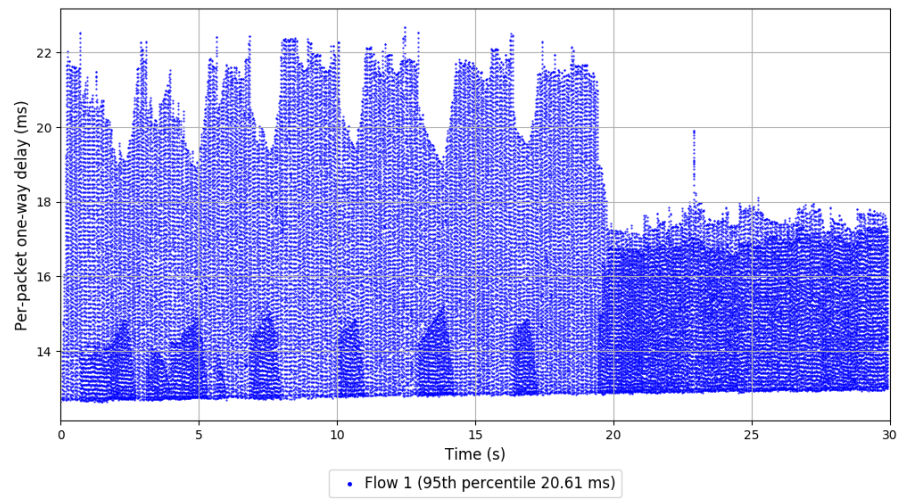
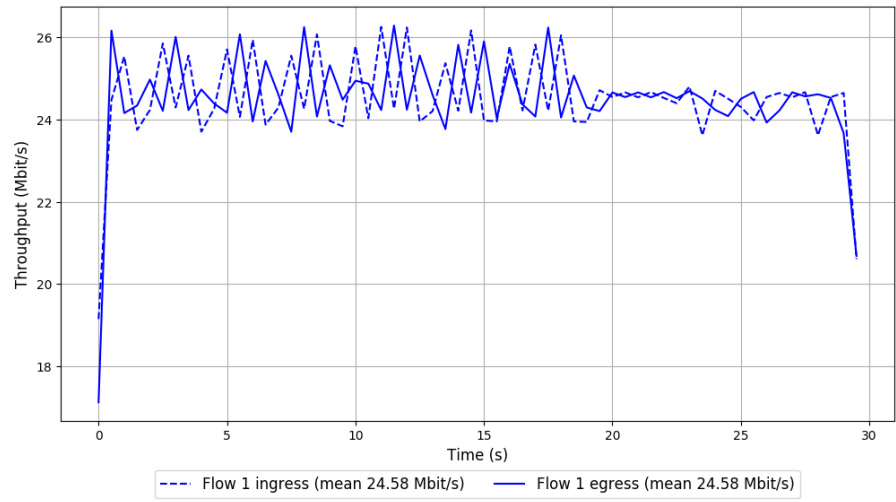


Run 6: Statistics of Sprout

Start at: 2018-04-10 11:04:07
End at: 2018-04-10 11:04:37
Local clock offset: -0.601 ms
Remote clock offset: 11.079 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 20.613 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.58 Mbit/s
95th percentile per-packet one-way delay: 20.613 ms
Loss rate: 0.06%

Run 6: Report of Sprout — Data Link

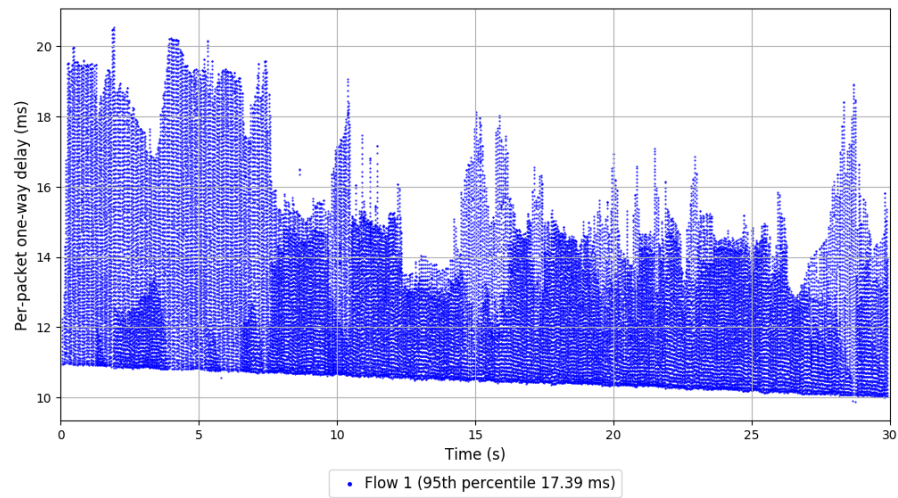
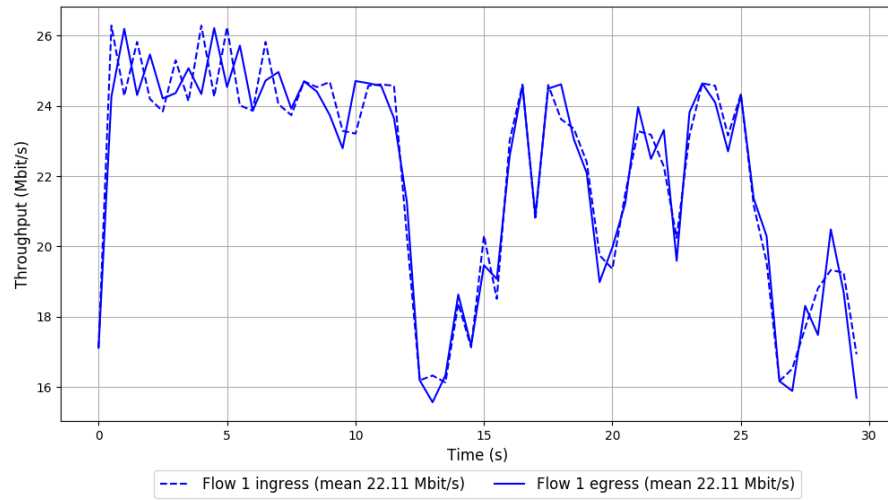


Run 7: Statistics of Sprout

Start at: 2018-04-10 11:25:16
End at: 2018-04-10 11:25:46
Local clock offset: -0.172 ms
Remote clock offset: 15.497 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.11 Mbit/s
95th percentile per-packet one-way delay: 17.394 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 22.11 Mbit/s
95th percentile per-packet one-way delay: 17.394 ms
Loss rate: 0.15%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-04-10 11:46:23

End at: 2018-04-10 11:46:53

Local clock offset: 1.776 ms

Remote clock offset: 0.512 ms

Below is generated by plot.py at 2018-04-10 16:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.29 Mbit/s

95th percentile per-packet one-way delay: 16.430 ms

Loss rate: 0.14%

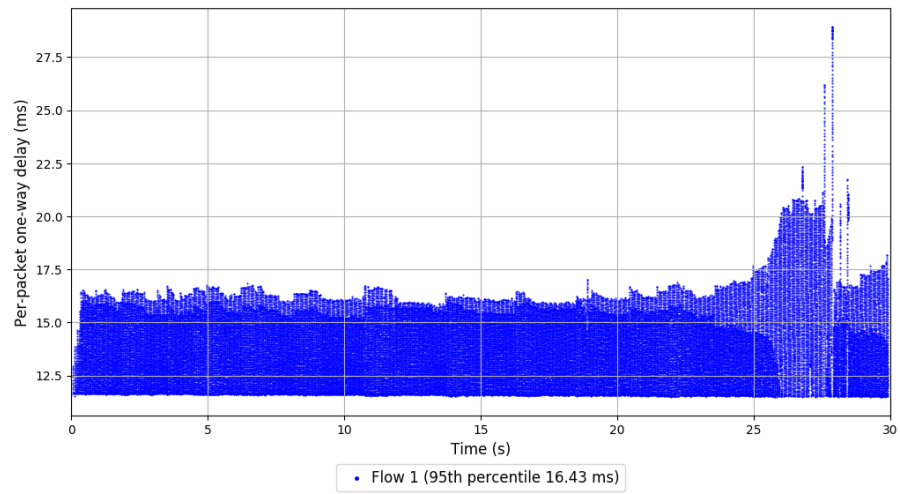
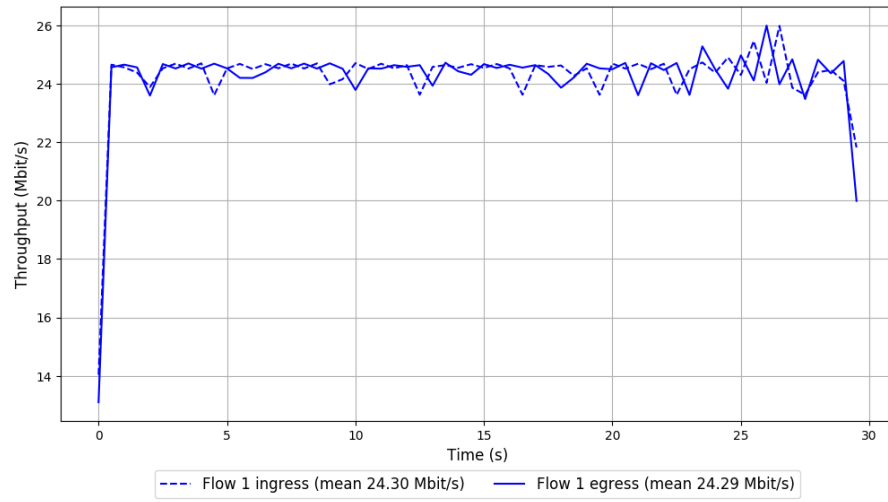
-- Flow 1:

Average throughput: 24.29 Mbit/s

95th percentile per-packet one-way delay: 16.430 ms

Loss rate: 0.14%

Run 8: Report of Sprout — Data Link

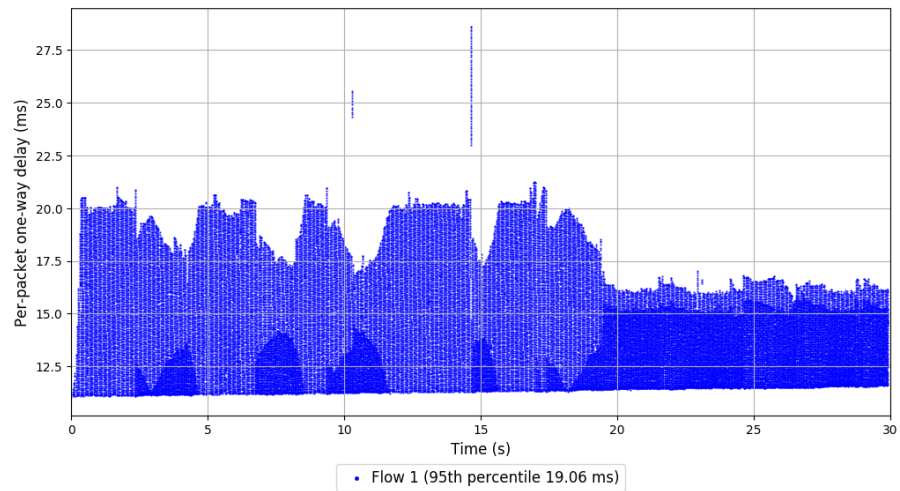
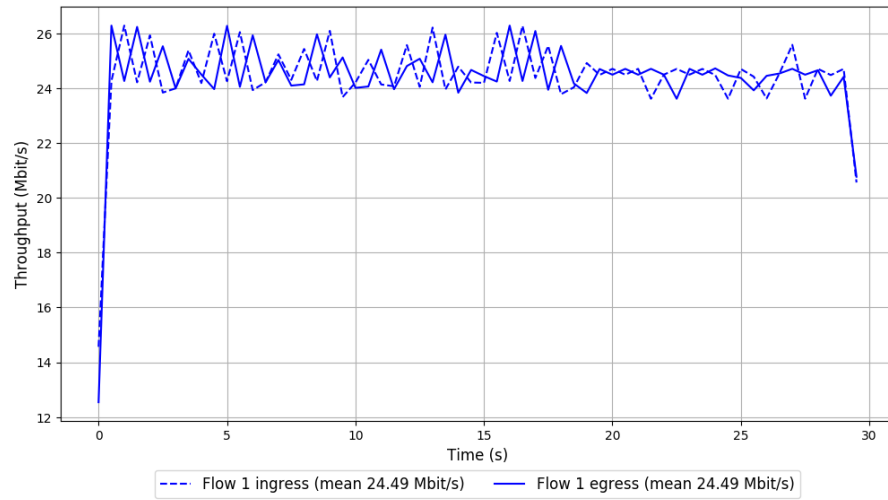


Run 9: Statistics of Sprout

Start at: 2018-04-10 12:07:26
End at: 2018-04-10 12:07:56
Local clock offset: 0.29 ms
Remote clock offset: 13.283 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 19.060 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 19.060 ms
Loss rate: 0.06%

Run 9: Report of Sprout — Data Link

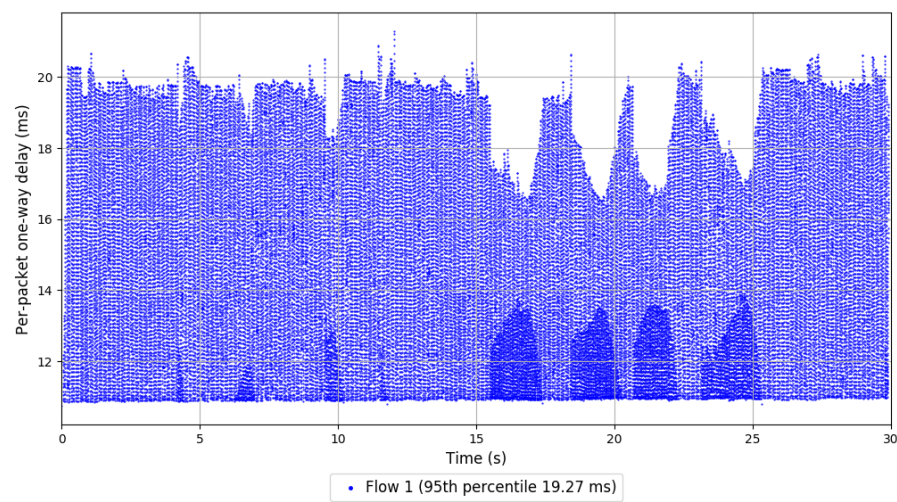
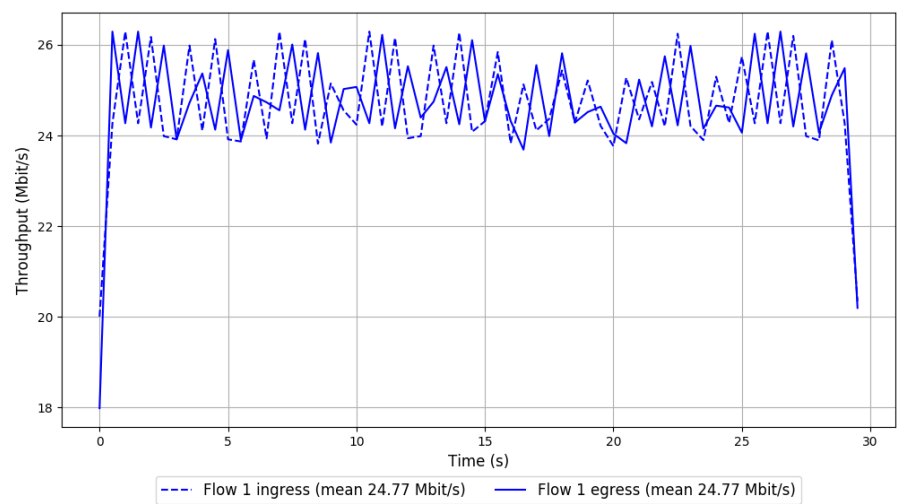


Run 10: Statistics of Sprout

Start at: 2018-04-10 12:28:35
End at: 2018-04-10 12:29:05
Local clock offset: -0.771 ms
Remote clock offset: 23.421 ms

Below is generated by plot.py at 2018-04-10 16:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 19.270 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 19.270 ms
Loss rate: 0.01%

Run 10: Report of Sprout — Data Link

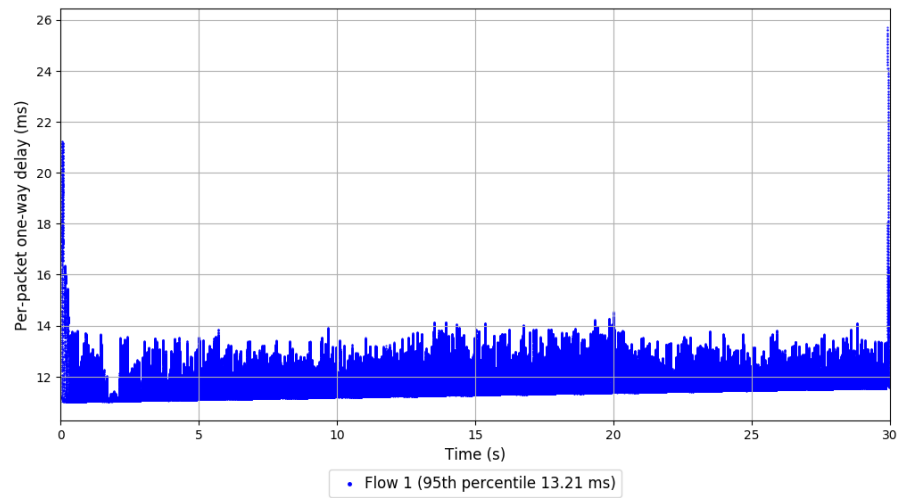
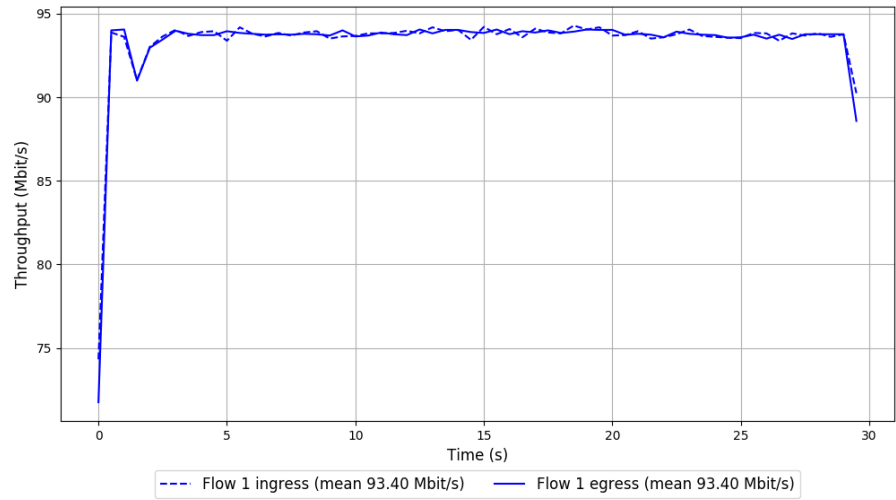


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-04-10 09:15:44
End at: 2018-04-10 09:16:14
Local clock offset: 1.251 ms
Remote clock offset: 11.893 ms

# Below is generated by plot.py at 2018-04-10 16:23:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.40 Mbit/s
95th percentile per-packet one-way delay: 13.211 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 93.40 Mbit/s
95th percentile per-packet one-way delay: 13.211 ms
Loss rate: 0.07%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-04-10 09:36:56

End at: 2018-04-10 09:37:26

Local clock offset: 1.522 ms

Remote clock offset: 24.541 ms

Below is generated by plot.py at 2018-04-10 16:23:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.24 Mbit/s

95th percentile per-packet one-way delay: 13.689 ms

Loss rate: 0.08%

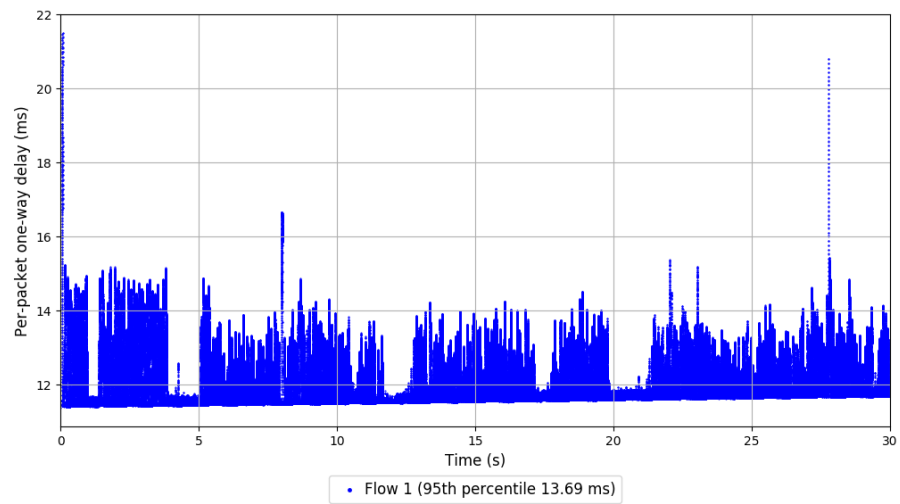
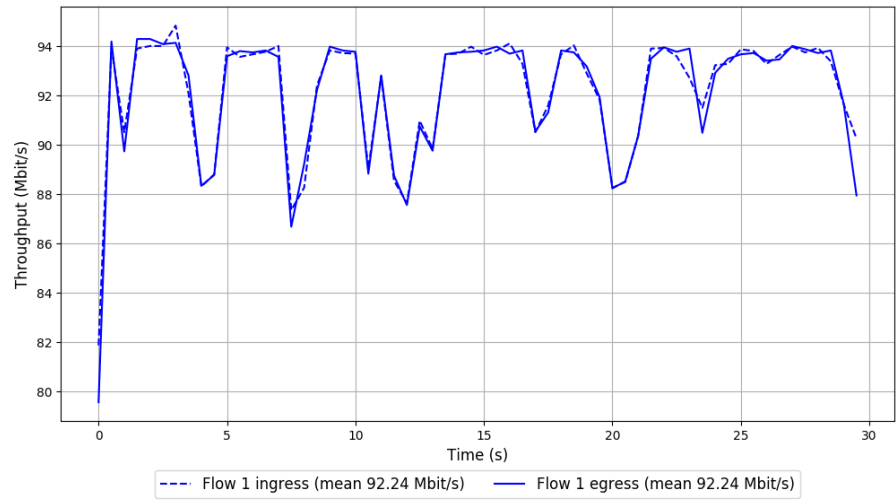
-- Flow 1:

Average throughput: 92.24 Mbit/s

95th percentile per-packet one-way delay: 13.689 ms

Loss rate: 0.08%

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

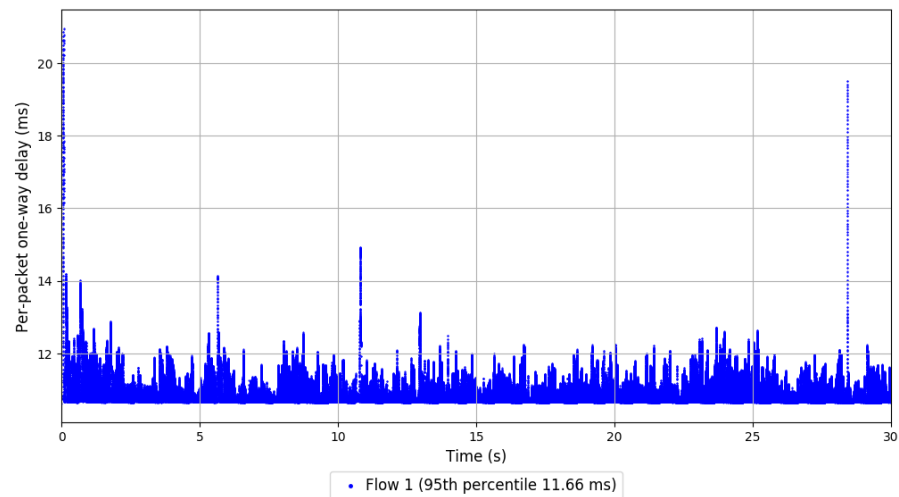
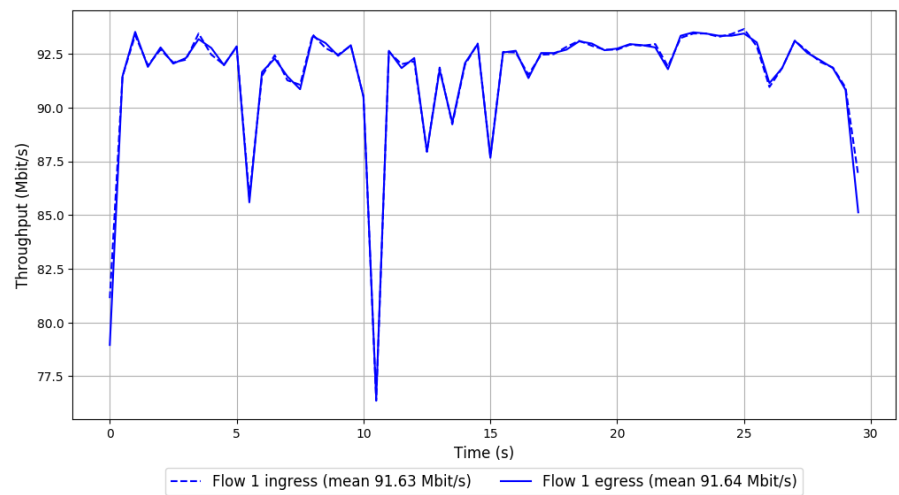


Run 3: Statistics of TaoVA-100x

Start at: 2018-04-10 09:57:55
End at: 2018-04-10 09:58:25
Local clock offset: 0.05 ms
Remote clock offset: 17.474 ms

Below is generated by plot.py at 2018-04-10 16:24:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 11.664 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 11.664 ms
Loss rate: 0.07%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-04-10 10:19:23

End at: 2018-04-10 10:19:53

Local clock offset: -0.014 ms

Remote clock offset: 9.431 ms

Below is generated by plot.py at 2018-04-10 16:24:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.90 Mbit/s

95th percentile per-packet one-way delay: 12.402 ms

Loss rate: 0.09%

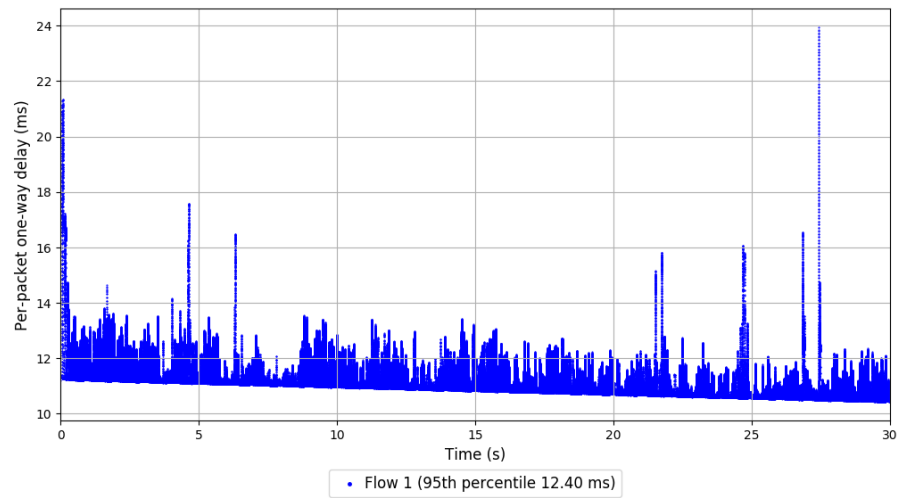
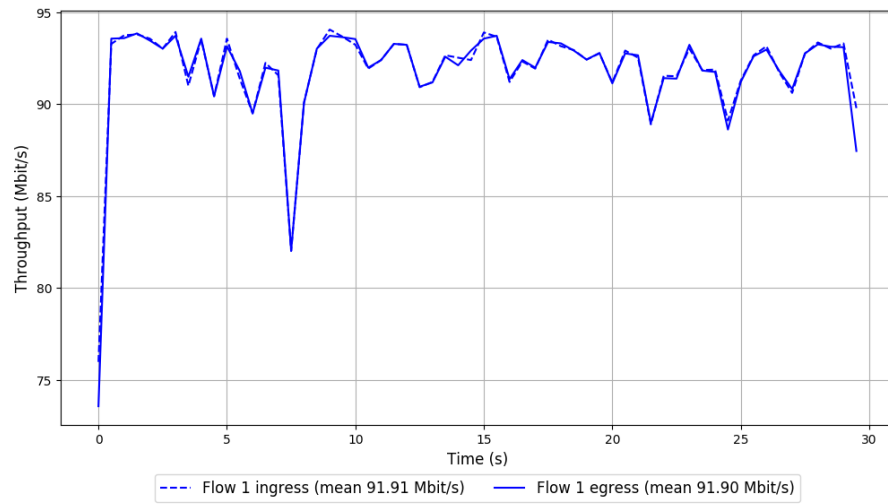
-- Flow 1:

Average throughput: 91.90 Mbit/s

95th percentile per-packet one-way delay: 12.402 ms

Loss rate: 0.09%

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

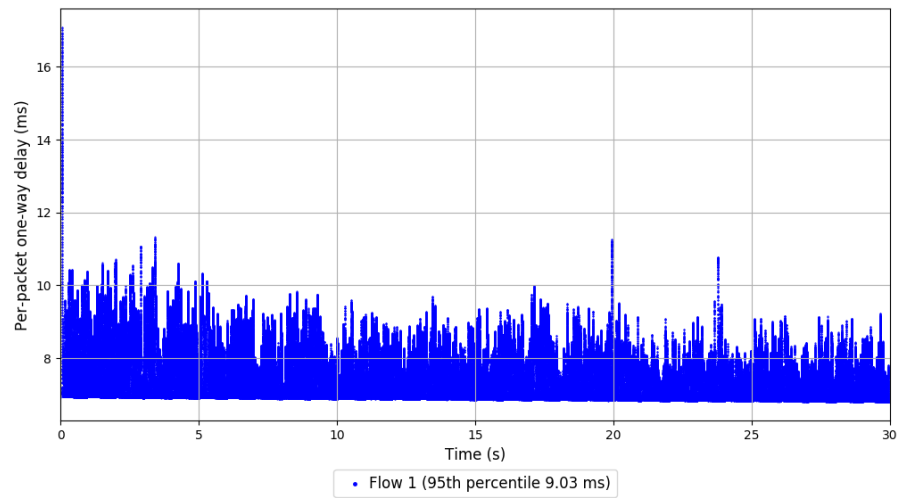
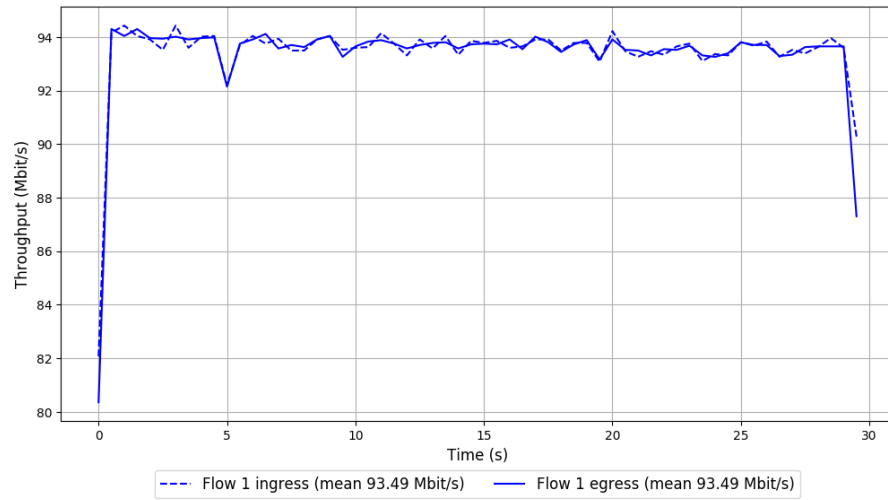


Run 5: Statistics of TaoVA-100x

Start at: 2018-04-10 10:40:37
End at: 2018-04-10 10:41:07
Local clock offset: -5.849 ms
Remote clock offset: -7.035 ms

Below is generated by plot.py at 2018-04-10 16:24:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.49 Mbit/s
95th percentile per-packet one-way delay: 9.028 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.49 Mbit/s
95th percentile per-packet one-way delay: 9.028 ms
Loss rate: 0.08%

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

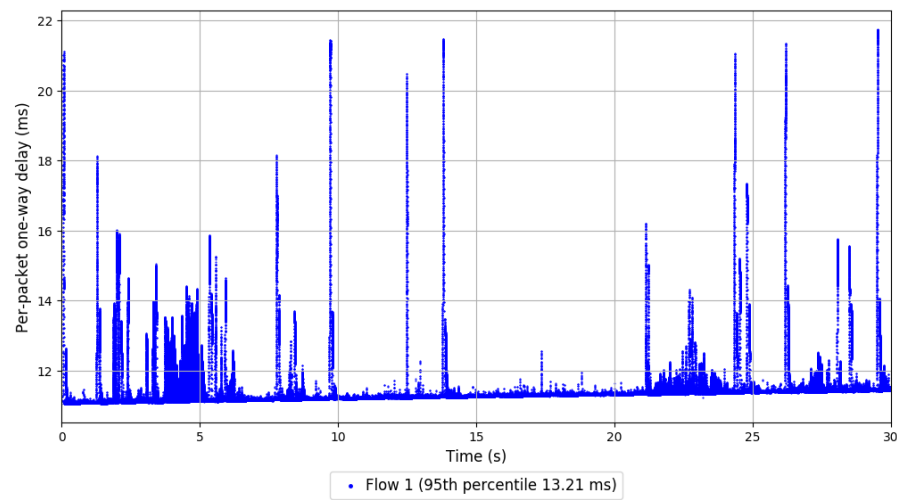
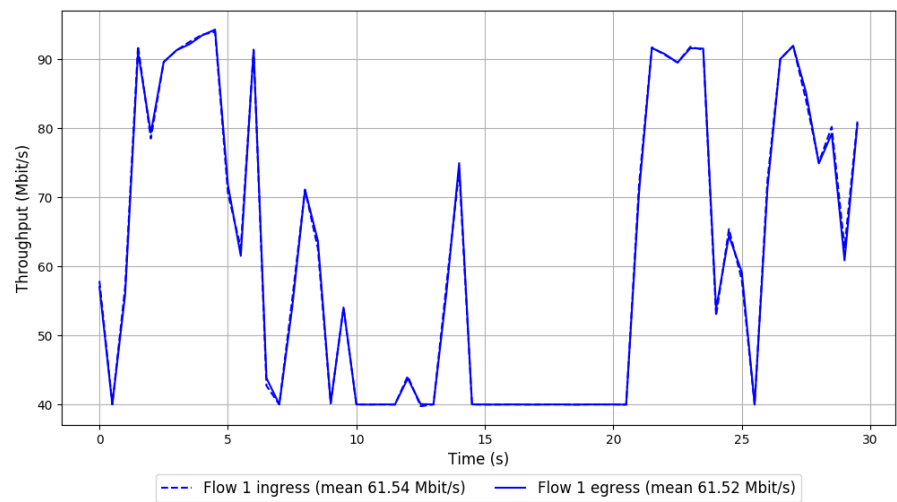


Run 6: Statistics of TaoVA-100x

Start at: 2018-04-10 11:01:37
End at: 2018-04-10 11:02:08
Local clock offset: -0.566 ms
Remote clock offset: 10.953 ms

Below is generated by plot.py at 2018-04-10 16:24:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 13.206 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 13.206 ms
Loss rate: 0.12%

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

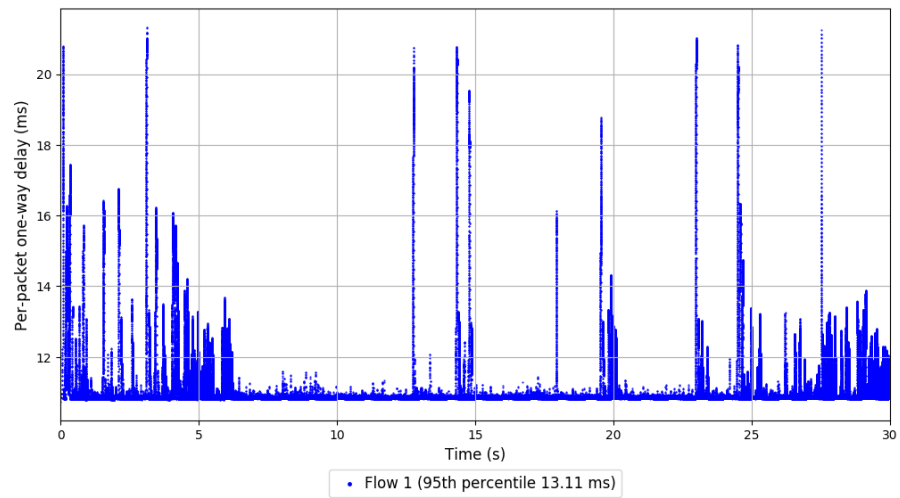
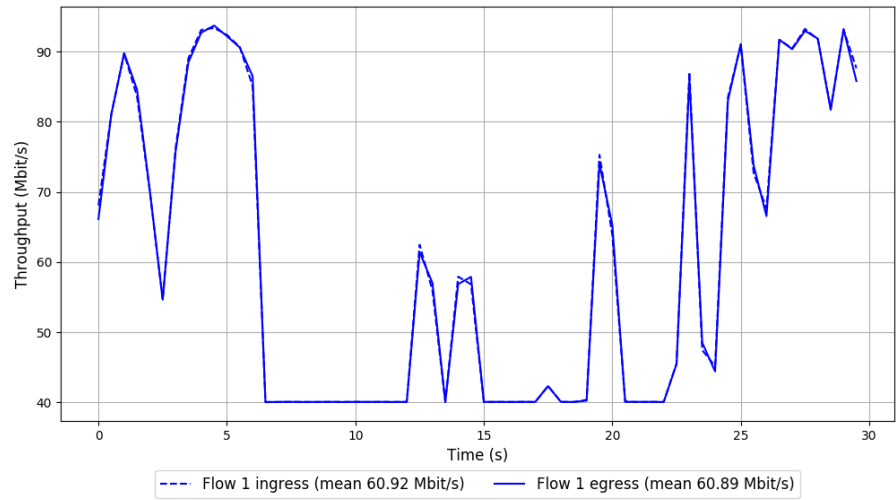


Run 7: Statistics of TaoVA-100x

Start at: 2018-04-10 11:22:56
End at: 2018-04-10 11:23:26
Local clock offset: -1.181 ms
Remote clock offset: 17.977 ms

Below is generated by plot.py at 2018-04-10 16:24:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.89 Mbit/s
95th percentile per-packet one-way delay: 13.105 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 60.89 Mbit/s
95th percentile per-packet one-way delay: 13.105 ms
Loss rate: 0.11%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-04-10 11:43:56

End at: 2018-04-10 11:44:26

Local clock offset: 1.704 ms

Remote clock offset: 2.285 ms

Below is generated by plot.py at 2018-04-10 16:24:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.91 Mbit/s

95th percentile per-packet one-way delay: 11.726 ms

Loss rate: 0.08%

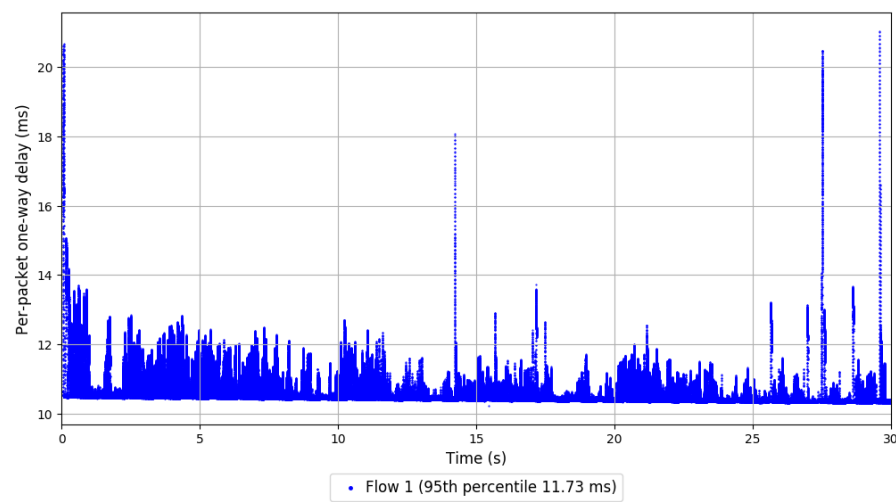
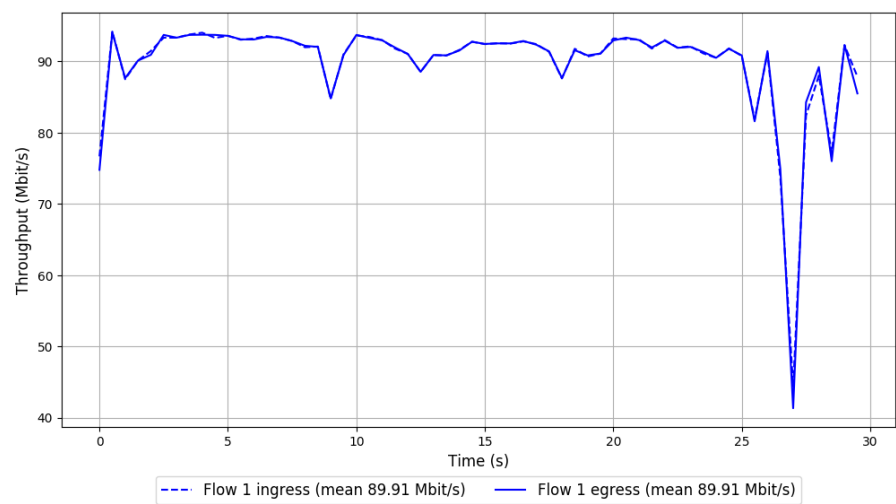
-- Flow 1:

Average throughput: 89.91 Mbit/s

95th percentile per-packet one-way delay: 11.726 ms

Loss rate: 0.08%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-04-10 12:05:04

End at: 2018-04-10 12:05:34

Local clock offset: 0.233 ms

Remote clock offset: 10.564 ms

Below is generated by plot.py at 2018-04-10 16:24:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.17 Mbit/s

95th percentile per-packet one-way delay: 14.383 ms

Loss rate: 0.07%

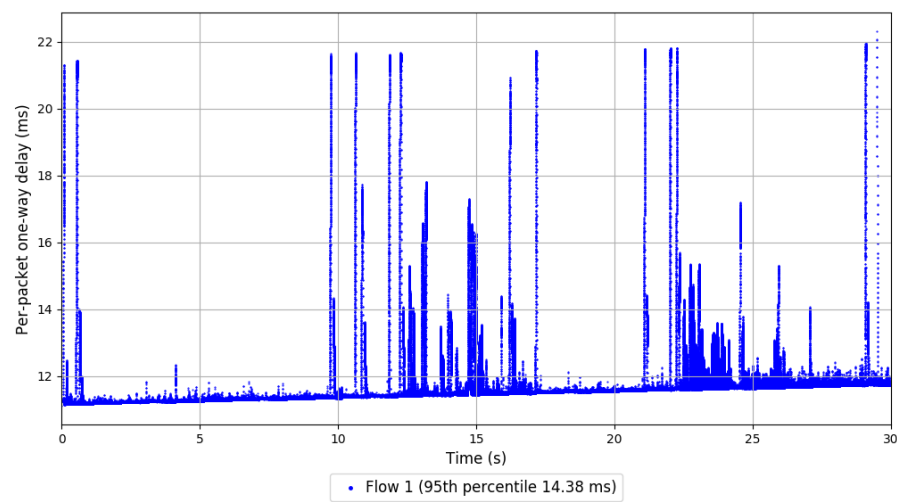
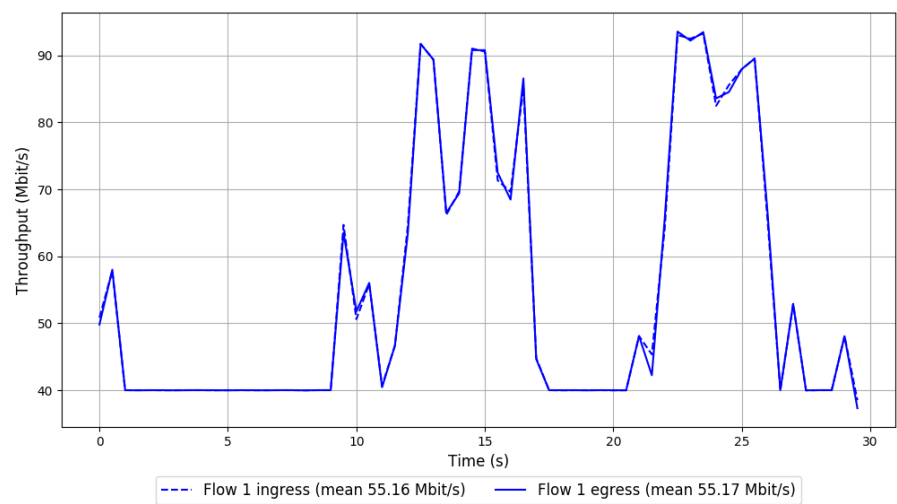
-- Flow 1:

Average throughput: 55.17 Mbit/s

95th percentile per-packet one-way delay: 14.383 ms

Loss rate: 0.07%

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

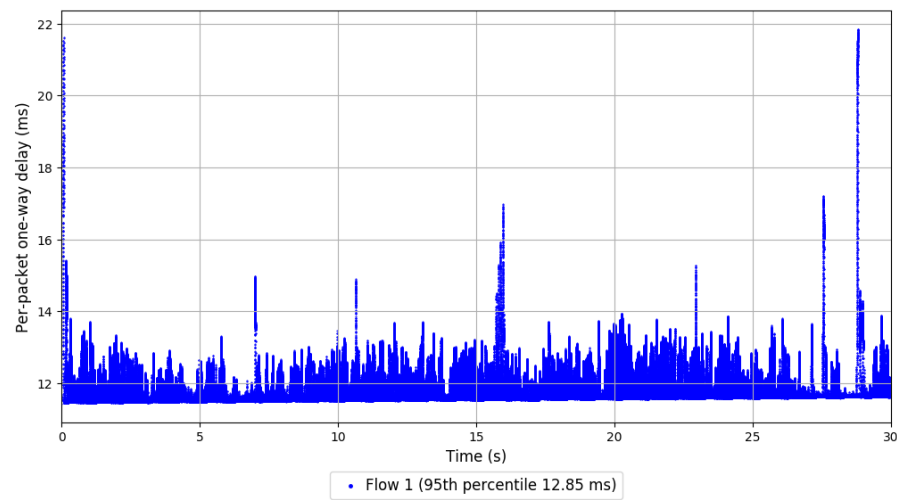
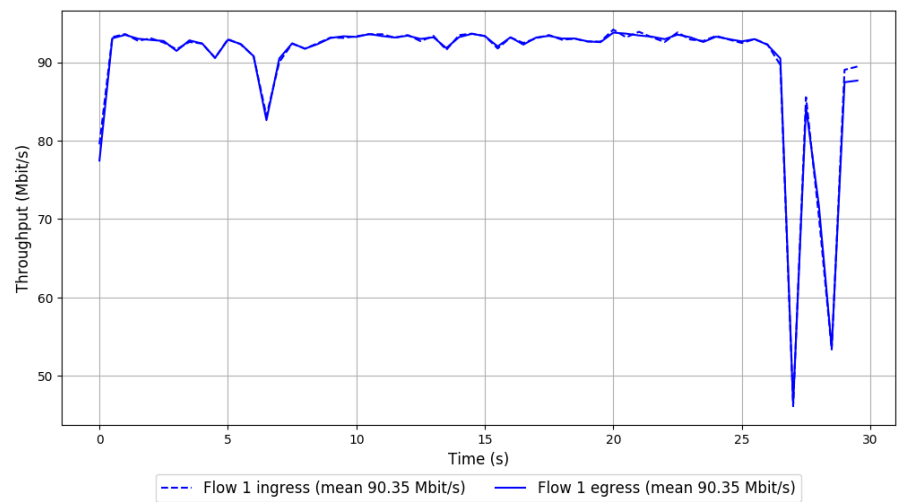


Run 10: Statistics of TaoVA-100x

Start at: 2018-04-10 12:26:10
End at: 2018-04-10 12:26:40
Local clock offset: -0.593 ms
Remote clock offset: 22.325 ms

Below is generated by plot.py at 2018-04-10 16:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 12.852 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 12.852 ms
Loss rate: 0.08%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-04-10 09:20:23

End at: 2018-04-10 09:20:53

Local clock offset: 1.226 ms

Remote clock offset: 16.041 ms

Below is generated by plot.py at 2018-04-10 16:26:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 32.923 ms

Loss rate: 0.11%

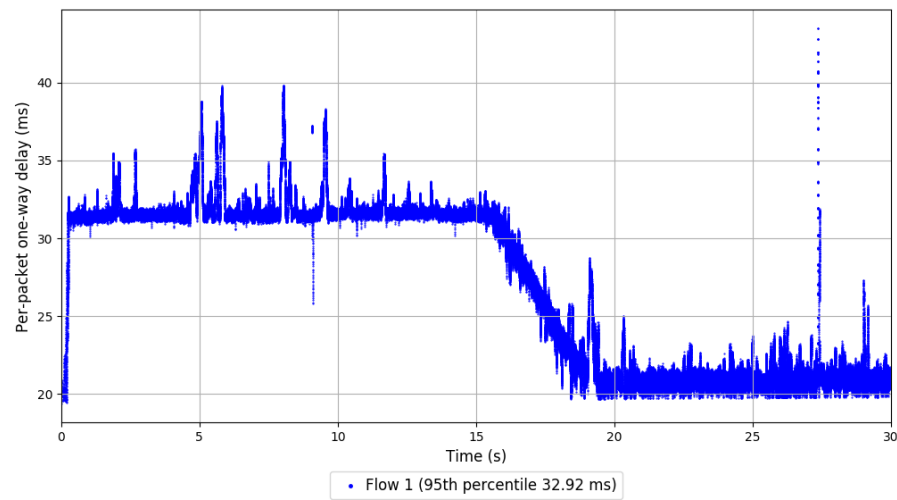
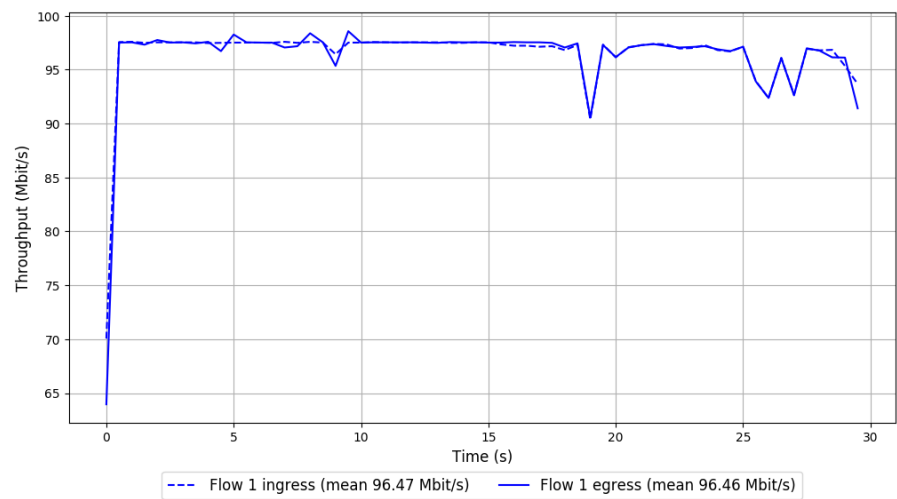
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 32.923 ms

Loss rate: 0.11%

Run 1: Report of TCP Vegas — Data Link

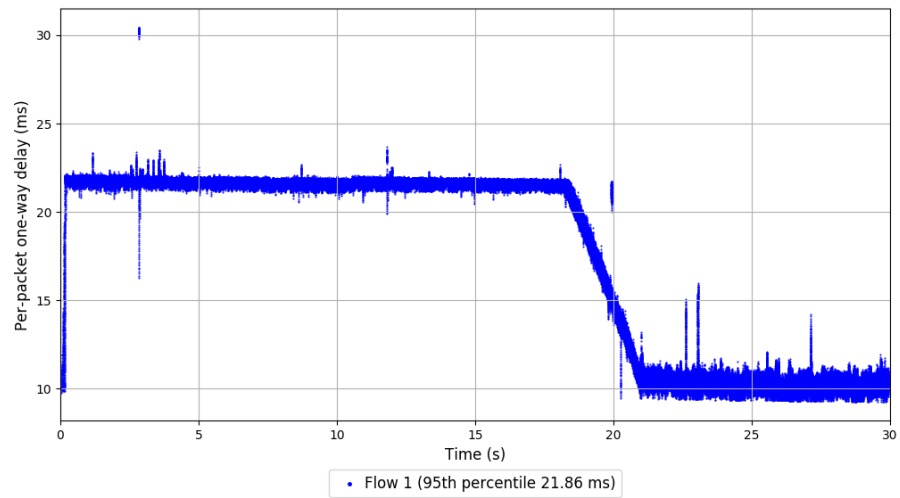
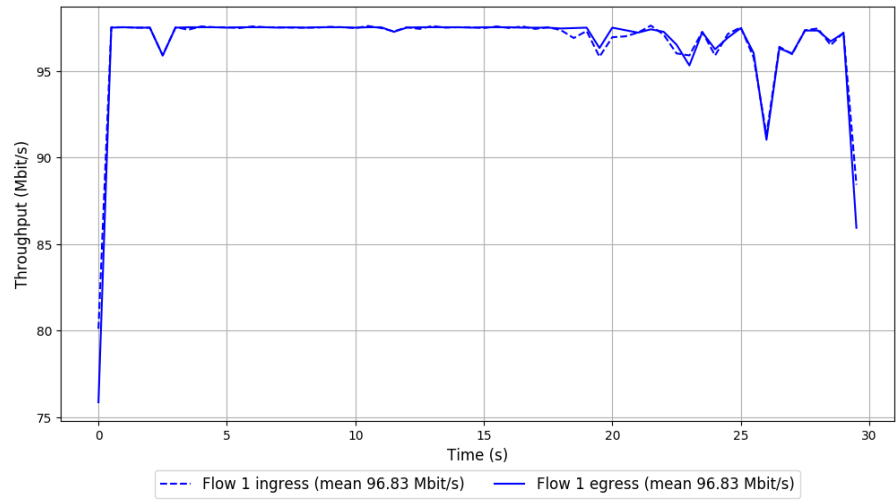


Run 2: Statistics of TCP Vegas

Start at: 2018-04-10 09:41:40
End at: 2018-04-10 09:42:10
Local clock offset: 0.644 ms
Remote clock offset: 26.826 ms

Below is generated by plot.py at 2018-04-10 16:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 21.864 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.83 Mbit/s
95th percentile per-packet one-way delay: 21.864 ms
Loss rate: 0.08%

Run 2: Report of TCP Vegas — Data Link

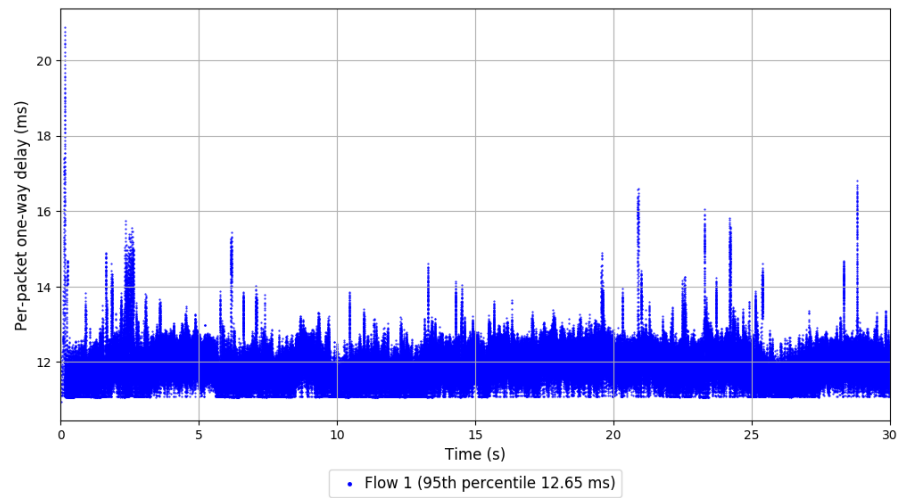
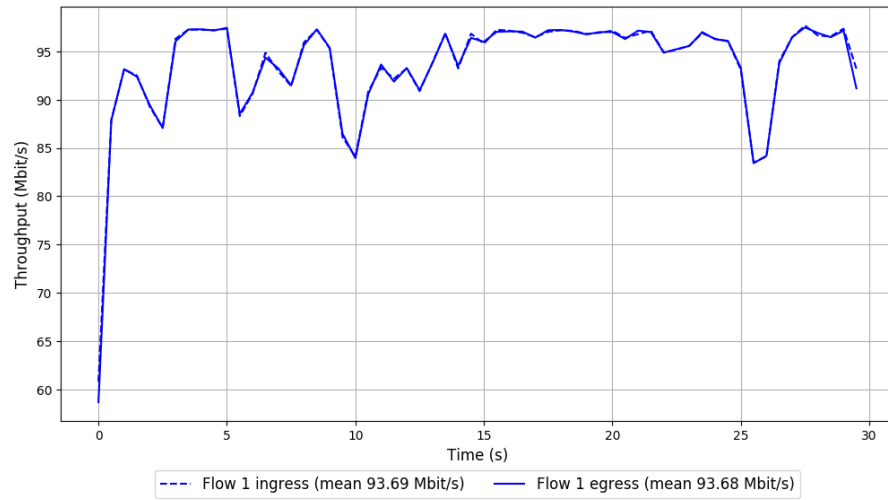


Run 3: Statistics of TCP Vegas

Start at: 2018-04-10 10:02:44
End at: 2018-04-10 10:03:14
Local clock offset: -0.242 ms
Remote clock offset: 16.795 ms

Below is generated by plot.py at 2018-04-10 16:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 12.649 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.68 Mbit/s
95th percentile per-packet one-way delay: 12.649 ms
Loss rate: 0.08%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-04-10 10:24:12

End at: 2018-04-10 10:24:42

Local clock offset: 0.25 ms

Remote clock offset: 3.262 ms

Below is generated by plot.py at 2018-04-10 16:26:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.35 Mbit/s

95th percentile per-packet one-way delay: 12.797 ms

Loss rate: 0.08%

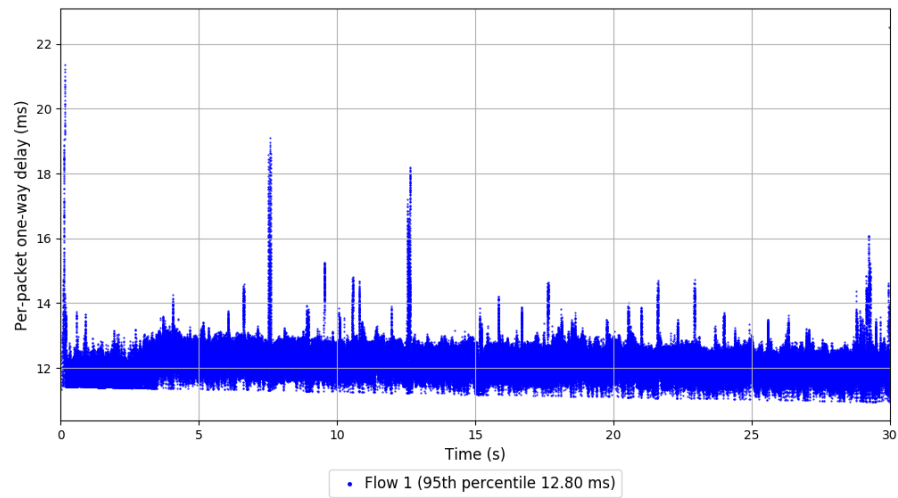
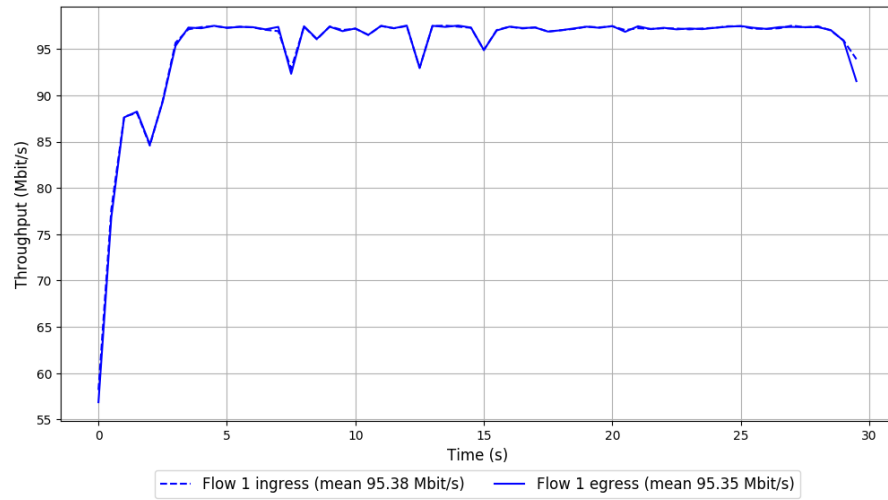
-- Flow 1:

Average throughput: 95.35 Mbit/s

95th percentile per-packet one-way delay: 12.797 ms

Loss rate: 0.08%

Run 4: Report of TCP Vegas — Data Link

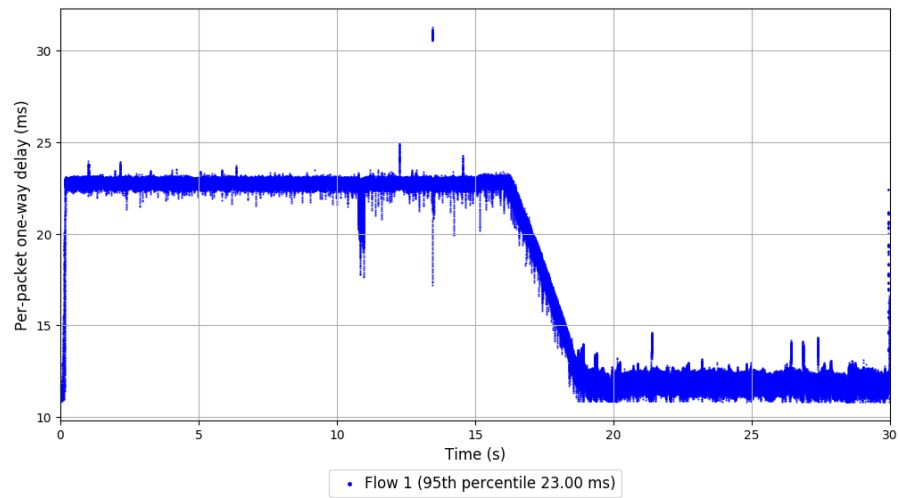
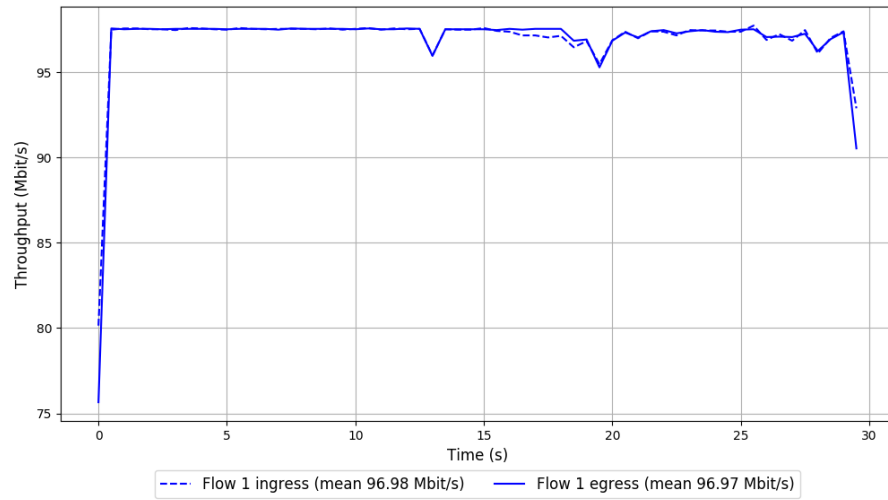


Run 5: Statistics of TCP Vegas

Start at: 2018-04-10 10:45:14
End at: 2018-04-10 10:45:44
Local clock offset: -0.52 ms
Remote clock offset: -6.844 ms

Below is generated by plot.py at 2018-04-10 16:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 23.005 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 23.005 ms
Loss rate: 0.08%

Run 5: Report of TCP Vegas — Data Link

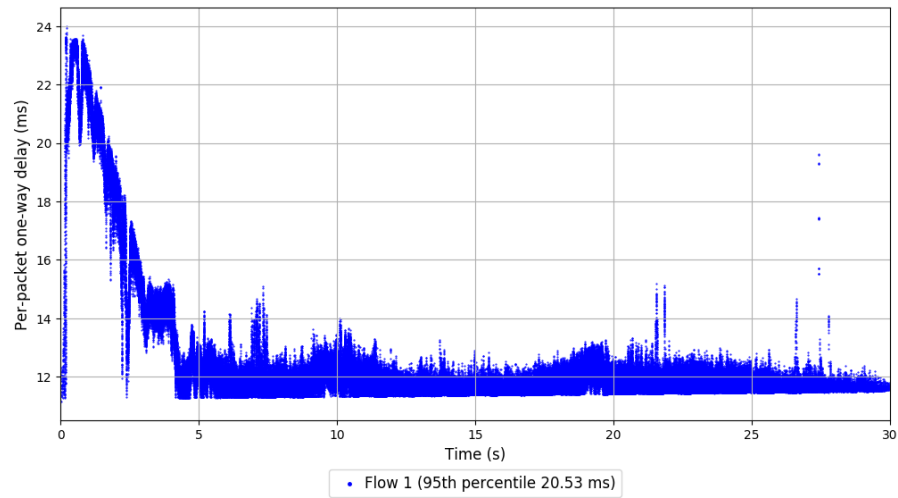
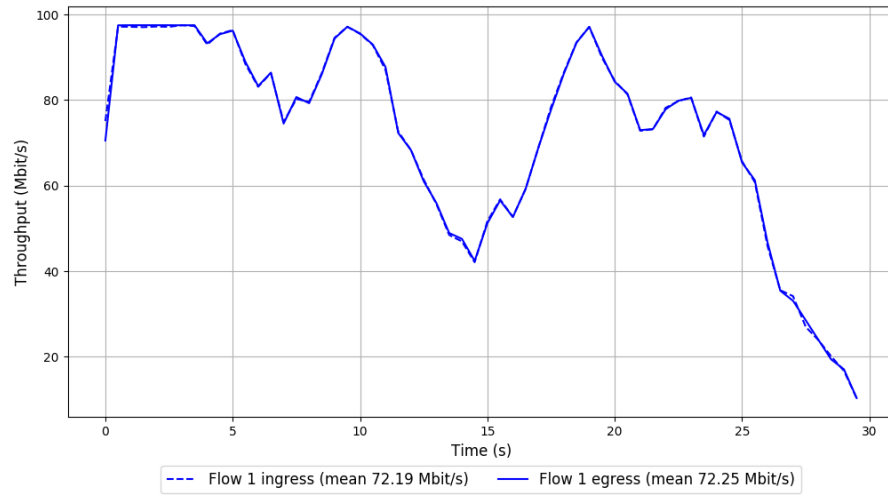


Run 6: Statistics of TCP Vegas

Start at: 2018-04-10 11:06:23
End at: 2018-04-10 11:06:53
Local clock offset: -1.149 ms
Remote clock offset: 13.186 ms

Below is generated by plot.py at 2018-04-10 16:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.25 Mbit/s
95th percentile per-packet one-way delay: 20.533 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 72.25 Mbit/s
95th percentile per-packet one-way delay: 20.533 ms
Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link

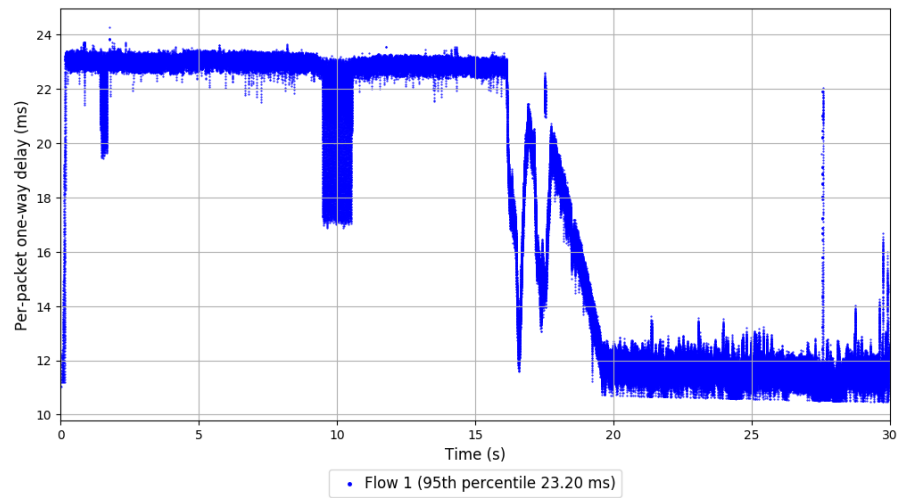
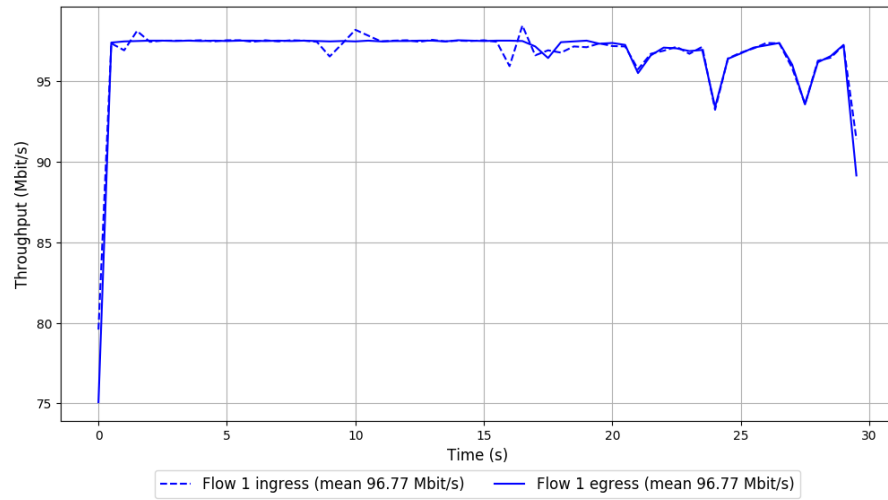


Run 7: Statistics of TCP Vegas

Start at: 2018-04-10 11:27:35
End at: 2018-04-10 11:28:05
Local clock offset: -0.068 ms
Remote clock offset: 11.535 ms

Below is generated by plot.py at 2018-04-10 16:26:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 23.202 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 23.202 ms
Loss rate: 0.08%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-04-10 11:48:40

End at: 2018-04-10 11:49:10

Local clock offset: 2.12 ms

Remote clock offset: 0.1 ms

Below is generated by plot.py at 2018-04-10 16:26:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: 23.926 ms

Loss rate: 0.08%

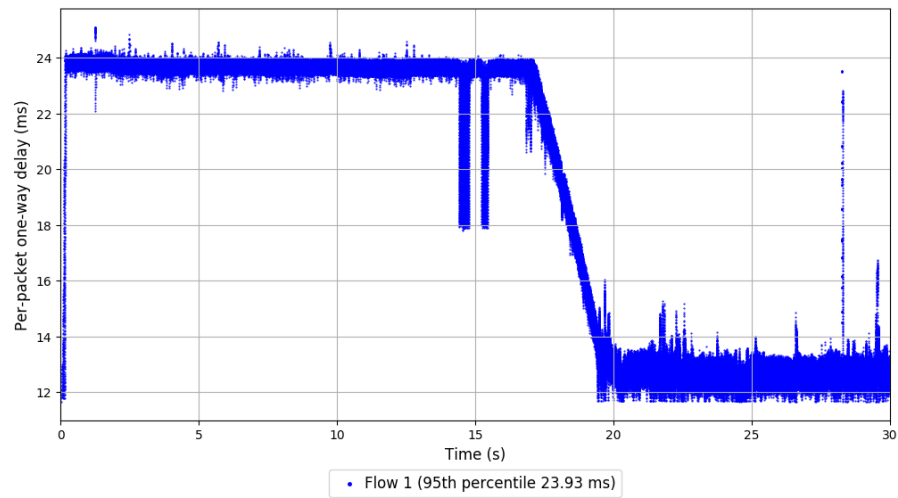
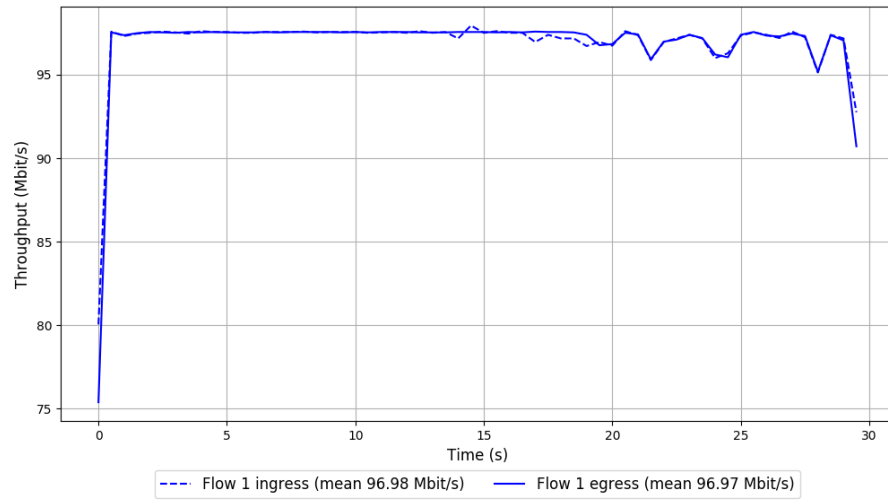
-- Flow 1:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: 23.926 ms

Loss rate: 0.08%

Run 8: Report of TCP Vegas — Data Link

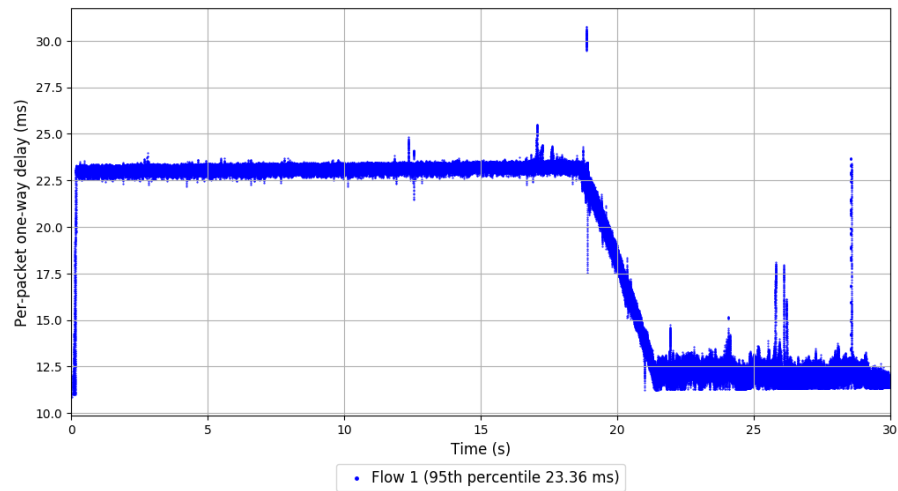
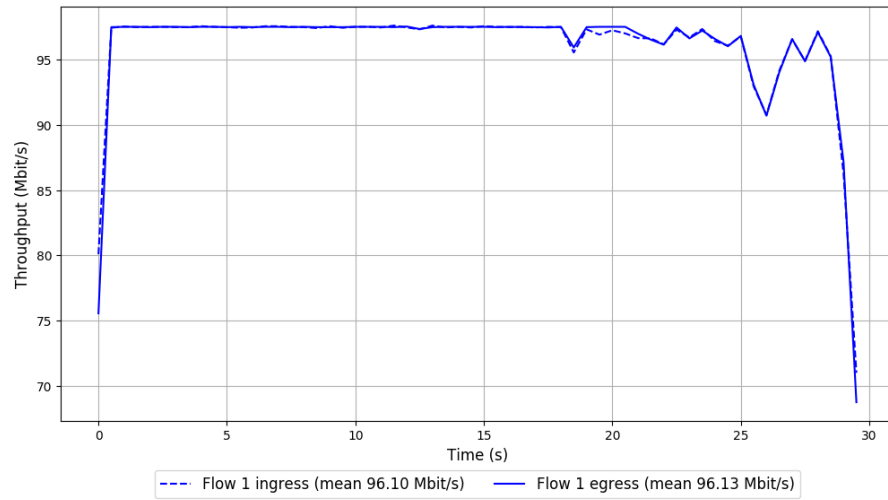


Run 9: Statistics of TCP Vegas

Start at: 2018-04-10 12:09:42
End at: 2018-04-10 12:10:12
Local clock offset: -0.385 ms
Remote clock offset: 14.716 ms

Below is generated by plot.py at 2018-04-10 16:26:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 23.361 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 96.13 Mbit/s
95th percentile per-packet one-way delay: 23.361 ms
Loss rate: 0.07%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-04-10 12:30:54

End at: 2018-04-10 12:31:24

Local clock offset: 0.146 ms

Remote clock offset: 24.732 ms

Below is generated by plot.py at 2018-04-10 16:26:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.41 Mbit/s

95th percentile per-packet one-way delay: 19.192 ms

Loss rate: 0.06%

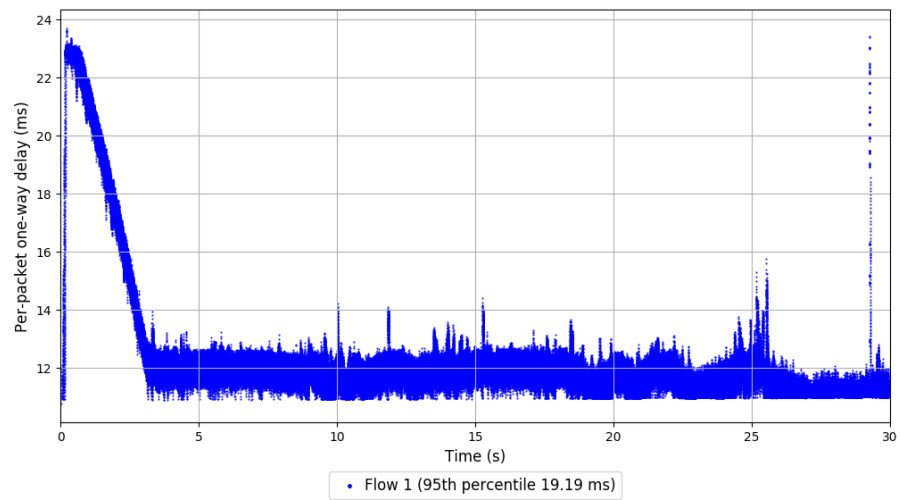
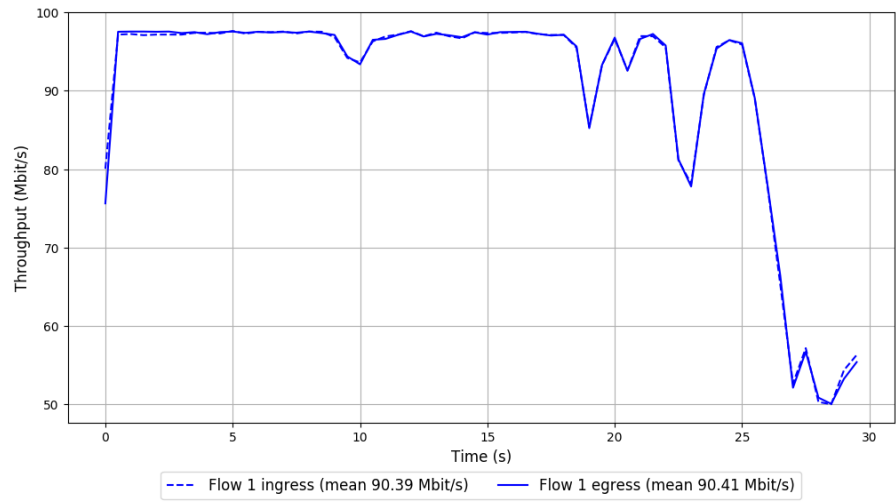
-- Flow 1:

Average throughput: 90.41 Mbit/s

95th percentile per-packet one-way delay: 19.192 ms

Loss rate: 0.06%

Run 10: Report of TCP Vegas — Data Link

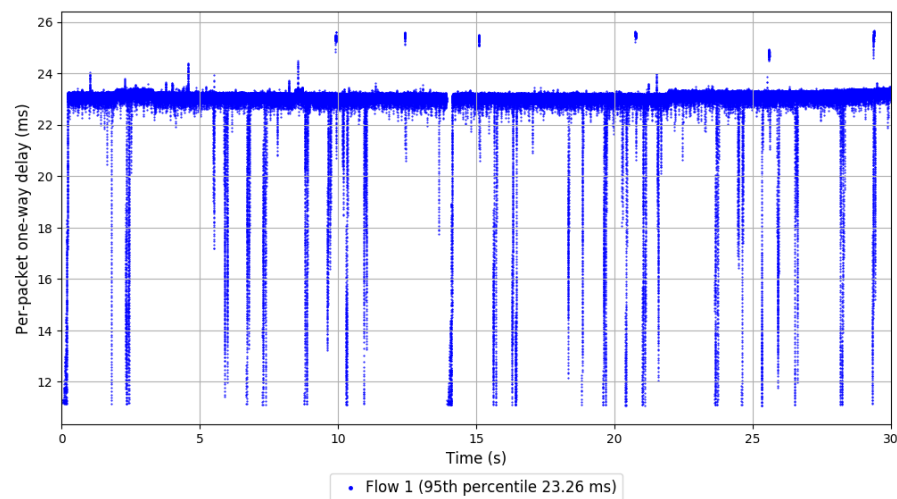
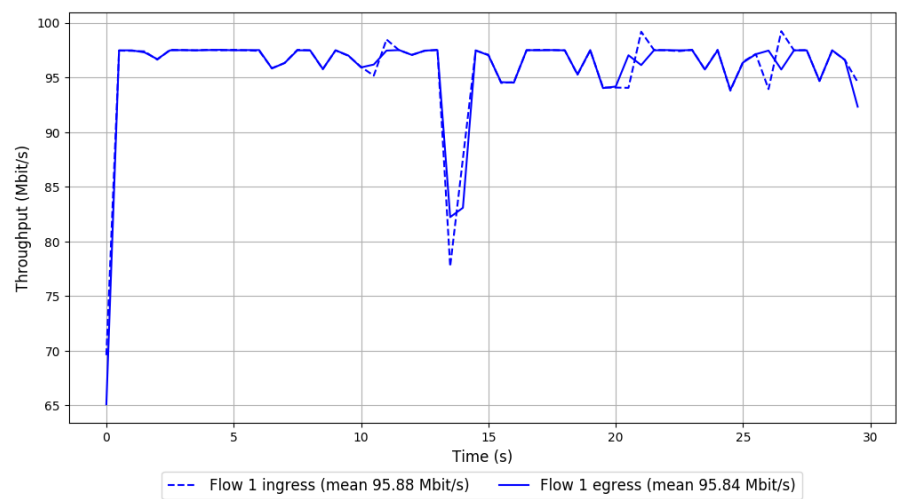


Run 1: Statistics of Verus

Start at: 2018-04-10 09:06:34
End at: 2018-04-10 09:07:04
Local clock offset: 0.546 ms
Remote clock offset: -3.767 ms

Below is generated by plot.py at 2018-04-10 16:26:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 23.258 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 23.258 ms
Loss rate: 0.12%

Run 1: Report of Verus — Data Link

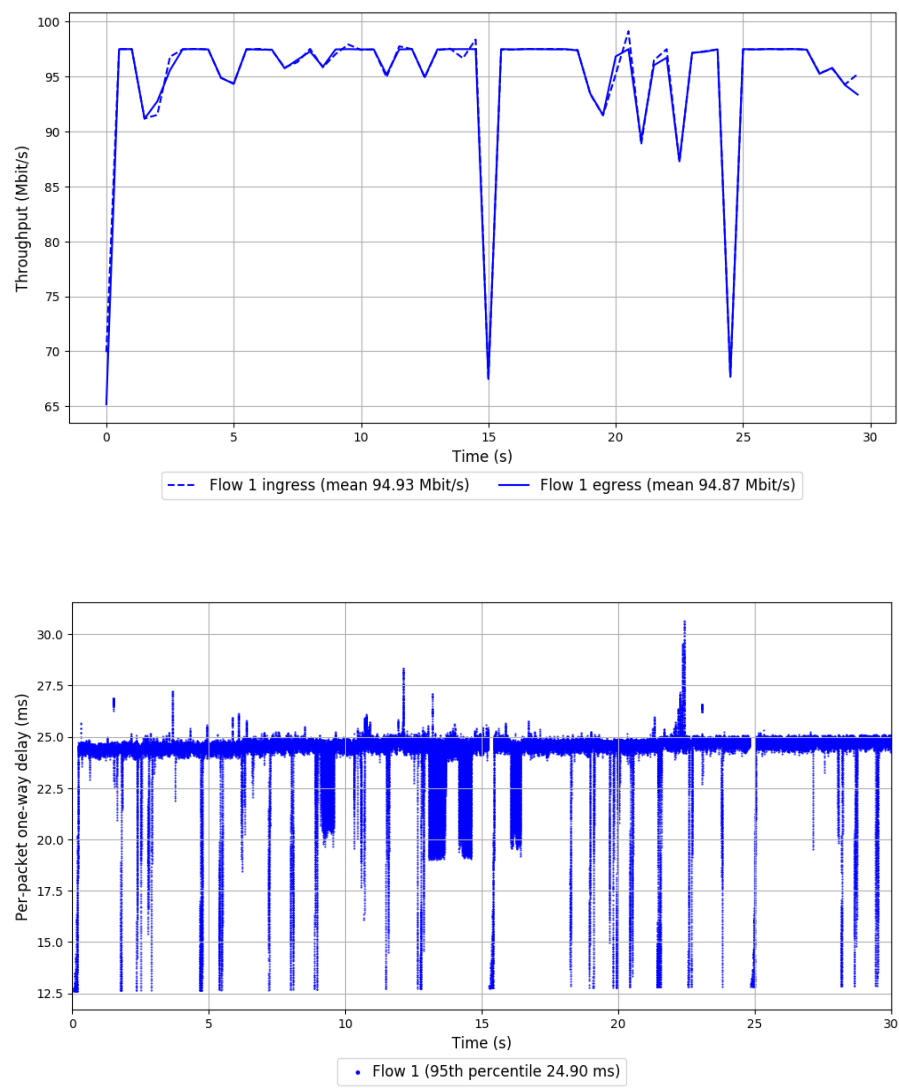


Run 2: Statistics of Verus

Start at: 2018-04-10 09:27:34
End at: 2018-04-10 09:28:04
Local clock offset: 1.851 ms
Remote clock offset: 19.512 ms

Below is generated by plot.py at 2018-04-10 16:27:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.87 Mbit/s
95th percentile per-packet one-way delay: 24.898 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.87 Mbit/s
95th percentile per-packet one-way delay: 24.898 ms
Loss rate: 0.13%

Run 2: Report of Verus — Data Link

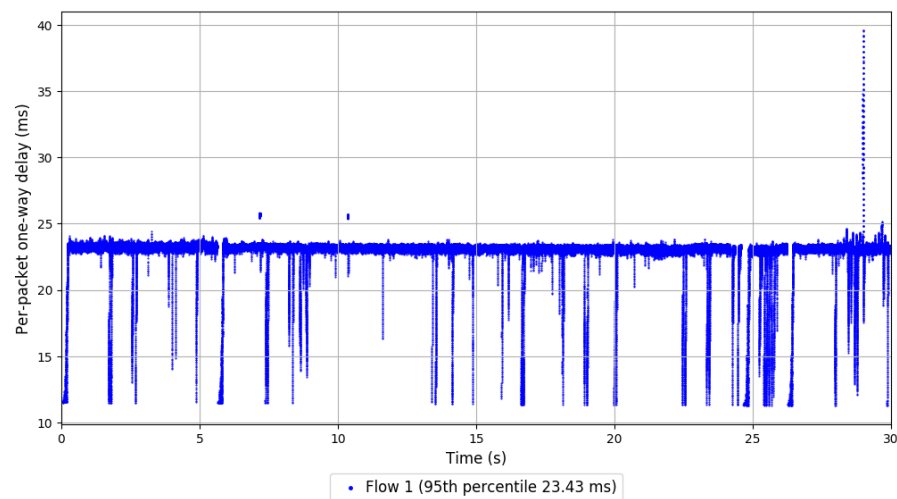
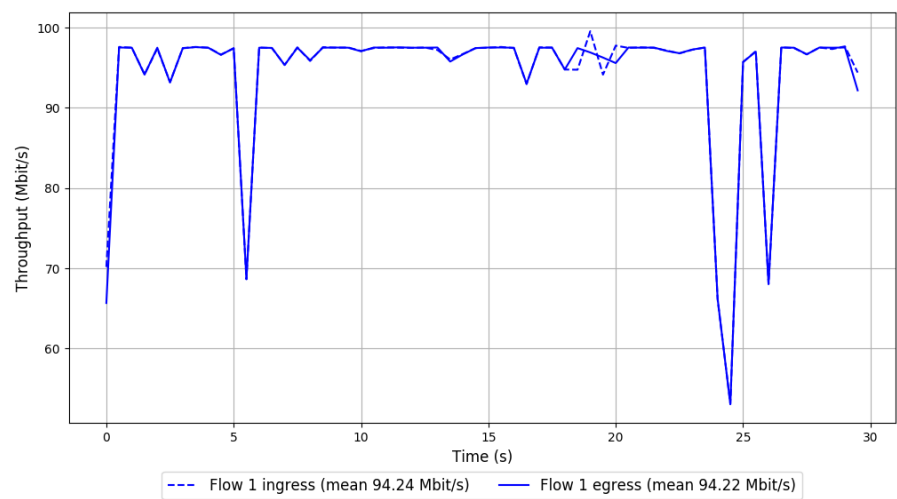


Run 3: Statistics of Verus

Start at: 2018-04-10 09:48:42
End at: 2018-04-10 09:49:12
Local clock offset: 0.915 ms
Remote clock offset: 19.739 ms

Below is generated by plot.py at 2018-04-10 16:27:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 23.431 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 23.431 ms
Loss rate: 0.12%

Run 3: Report of Verus — Data Link

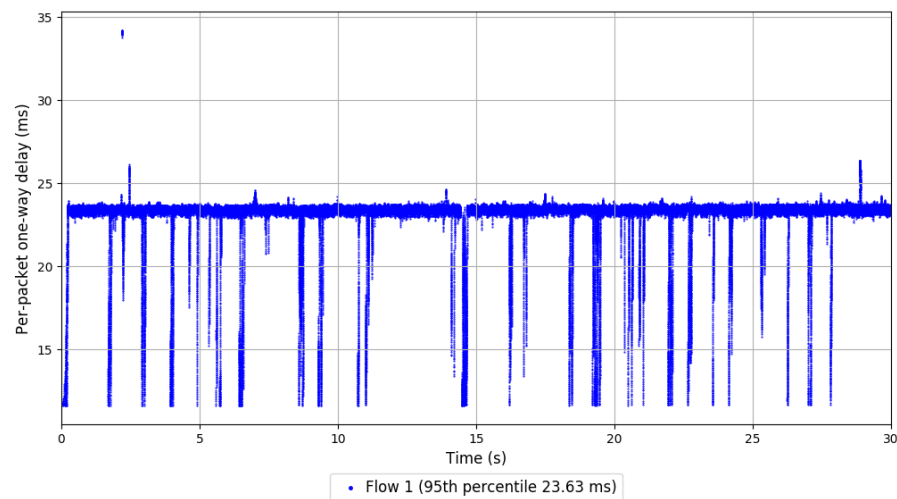
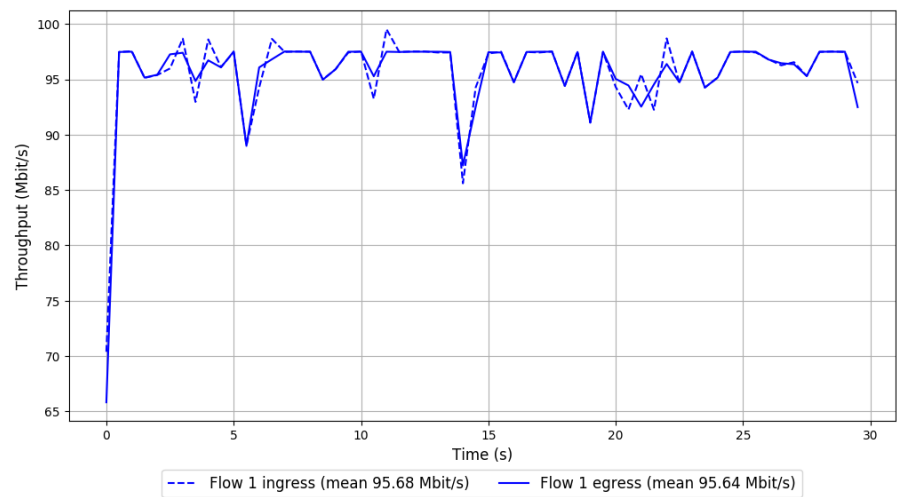


Run 4: Statistics of Verus

Start at: 2018-04-10 10:09:56
End at: 2018-04-10 10:10:26
Local clock offset: 0.18 ms
Remote clock offset: 17.093 ms

Below is generated by plot.py at 2018-04-10 16:27:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 23.627 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 23.627 ms
Loss rate: 0.12%

Run 4: Report of Verus — Data Link

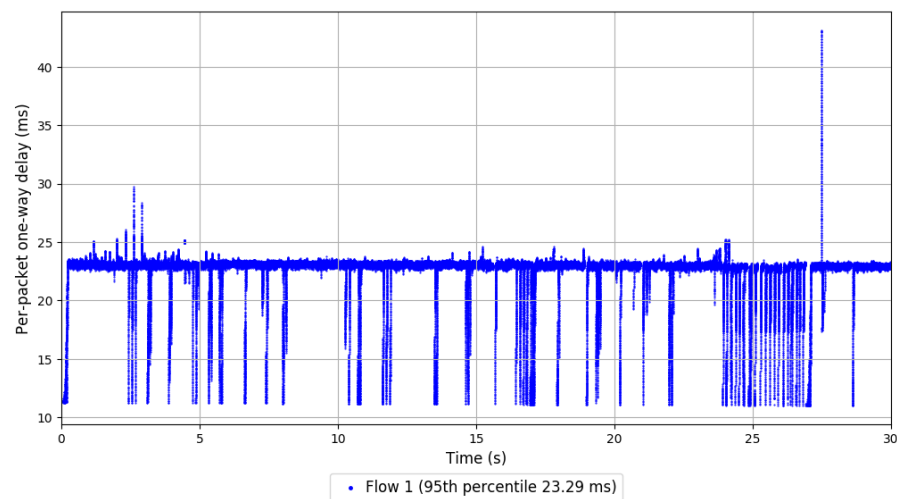
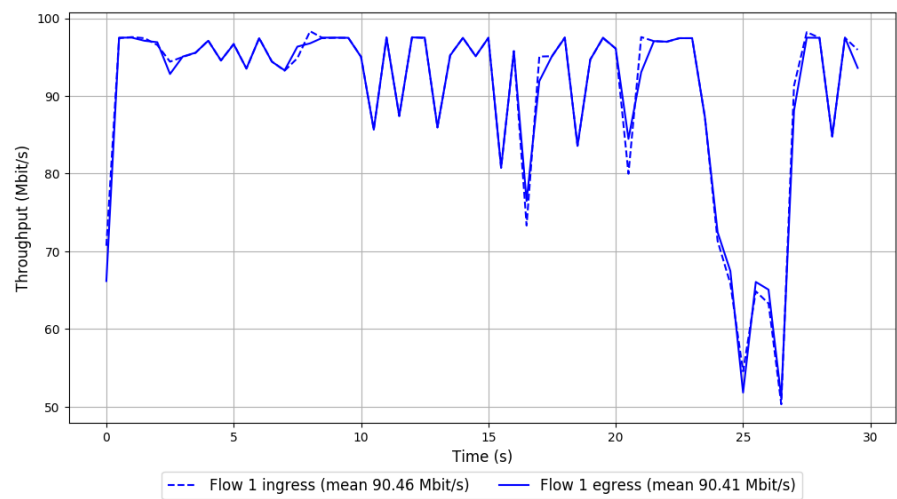


Run 5: Statistics of Verus

Start at: 2018-04-10 10:31:21
End at: 2018-04-10 10:31:51
Local clock offset: 0.422 ms
Remote clock offset: -1.539 ms

Below is generated by plot.py at 2018-04-10 16:27:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 23.291 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 23.291 ms
Loss rate: 0.15%

Run 5: Report of Verus — Data Link

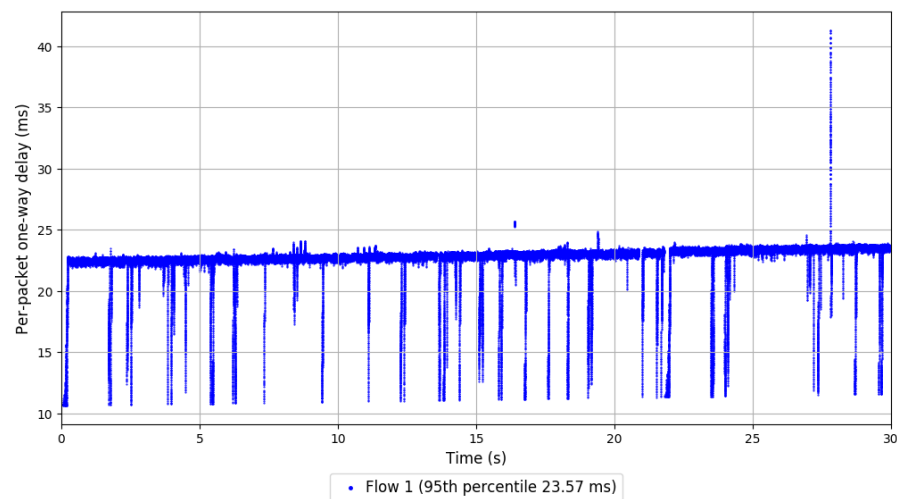
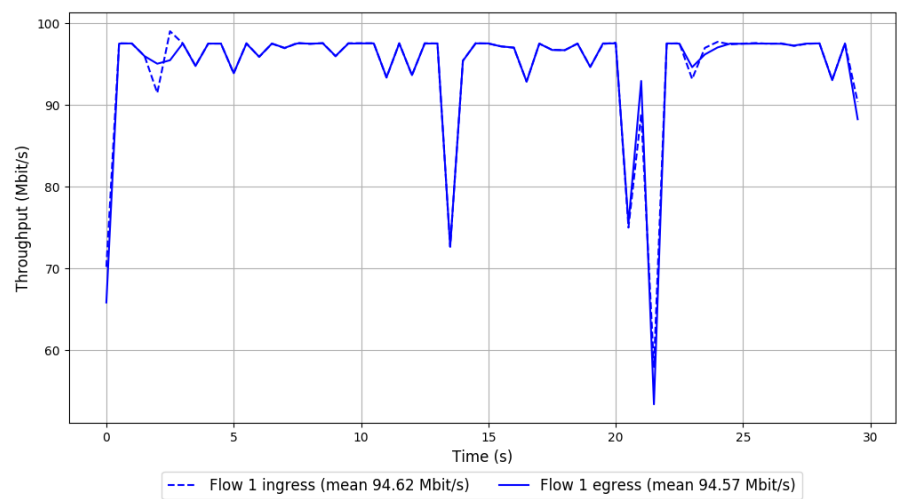


Run 6: Statistics of Verus

Start at: 2018-04-10 10:52:12
End at: 2018-04-10 10:52:42
Local clock offset: -0.927 ms
Remote clock offset: -1.056 ms

Below is generated by plot.py at 2018-04-10 16:28:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 23.570 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 23.570 ms
Loss rate: 0.12%

Run 6: Report of Verus — Data Link

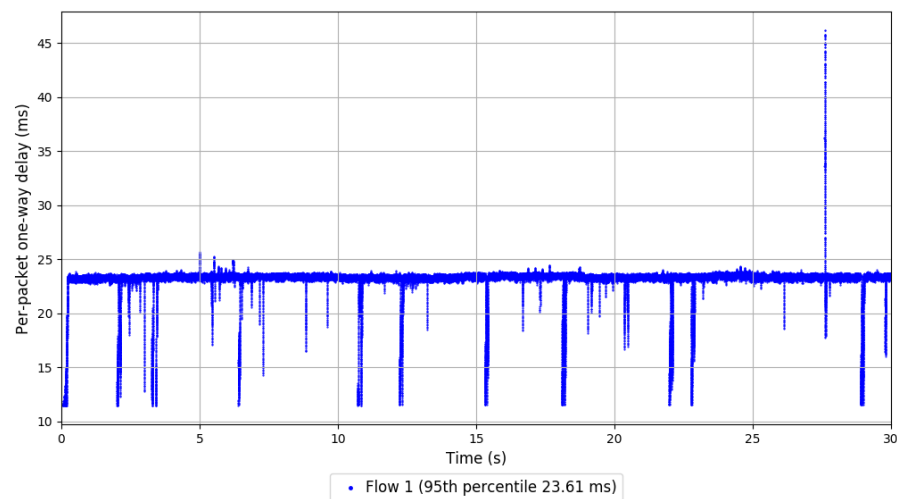
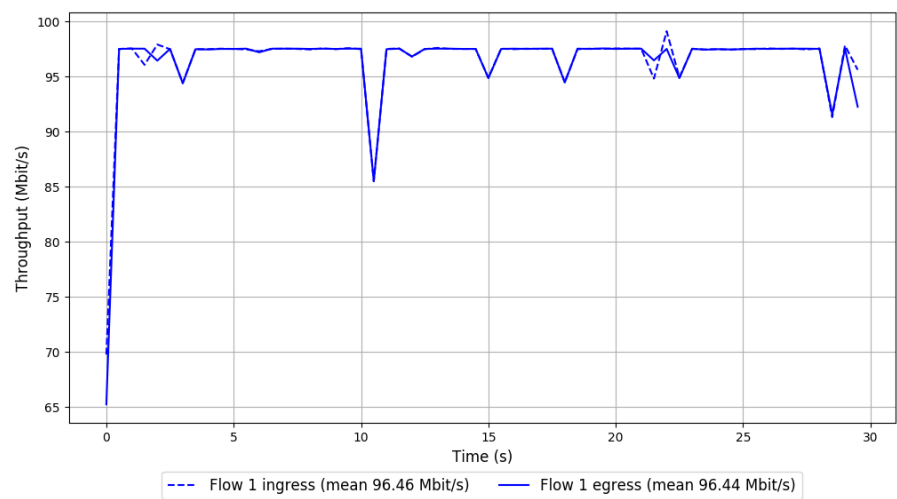


Run 7: Statistics of Verus

Start at: 2018-04-10 11:13:38
End at: 2018-04-10 11:14:08
Local clock offset: -0.949 ms
Remote clock offset: 16.112 ms

Below is generated by plot.py at 2018-04-10 16:28:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 23.610 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 23.610 ms
Loss rate: 0.14%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-04-10 11:34:34

End at: 2018-04-10 11:35:04

Local clock offset: 1.164 ms

Remote clock offset: 5.79 ms

Below is generated by plot.py at 2018-04-10 16:28:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 23.014 ms

Loss rate: 0.12%

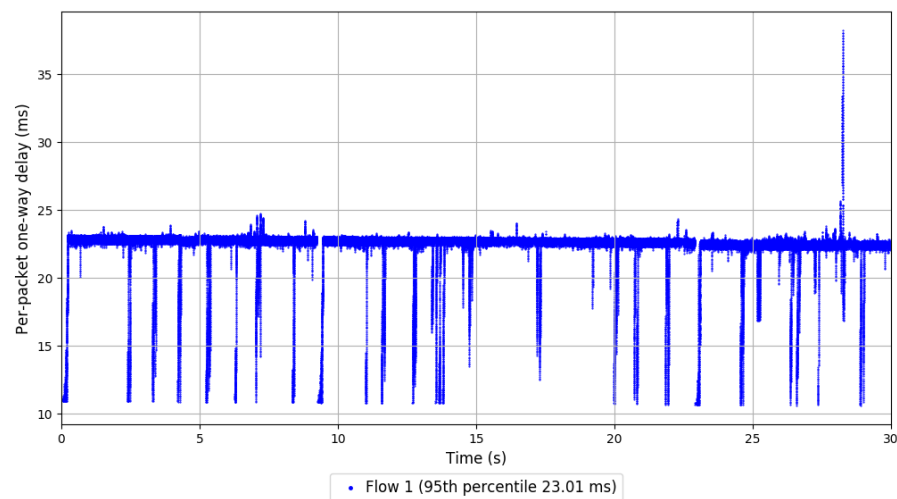
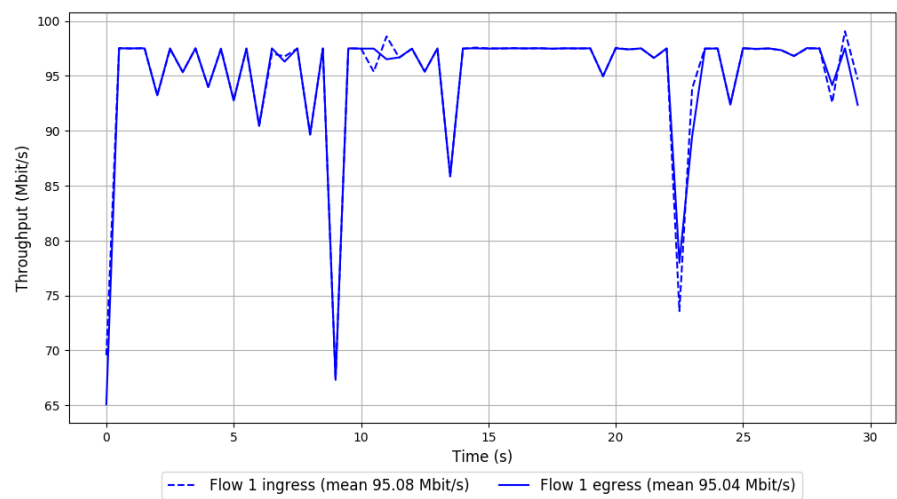
-- Flow 1:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 23.014 ms

Loss rate: 0.12%

Run 8: Report of Verus — Data Link

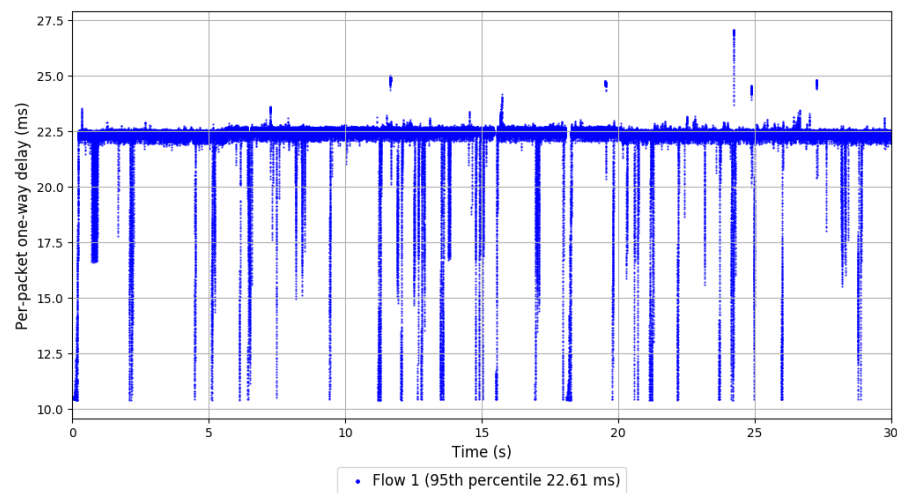
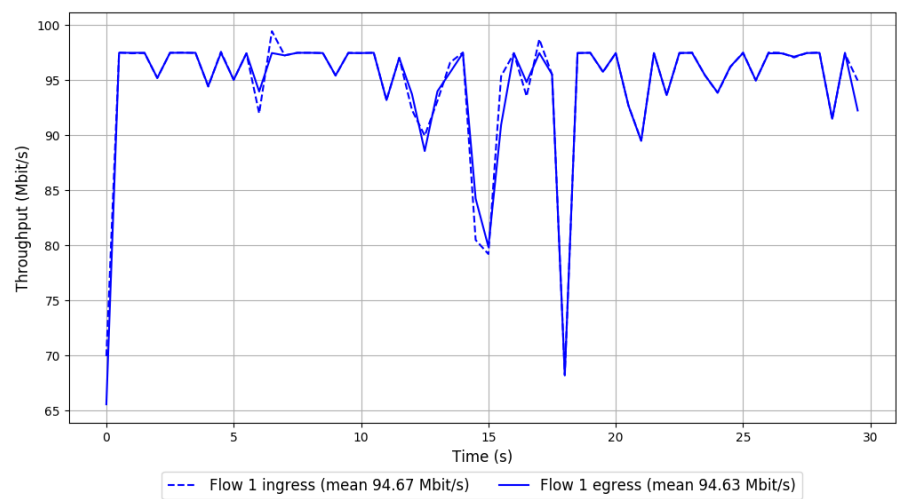


Run 9: Statistics of Verus

Start at: 2018-04-10 11:55:48
End at: 2018-04-10 11:56:18
Local clock offset: 0.915 ms
Remote clock offset: -0.625 ms

Below is generated by plot.py at 2018-04-10 16:28:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 22.608 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 22.608 ms
Loss rate: 0.12%

Run 9: Report of Verus — Data Link

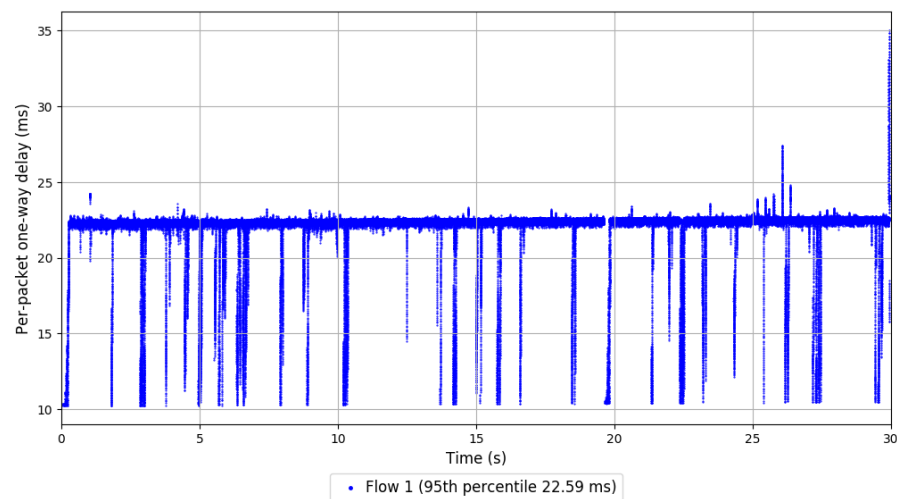
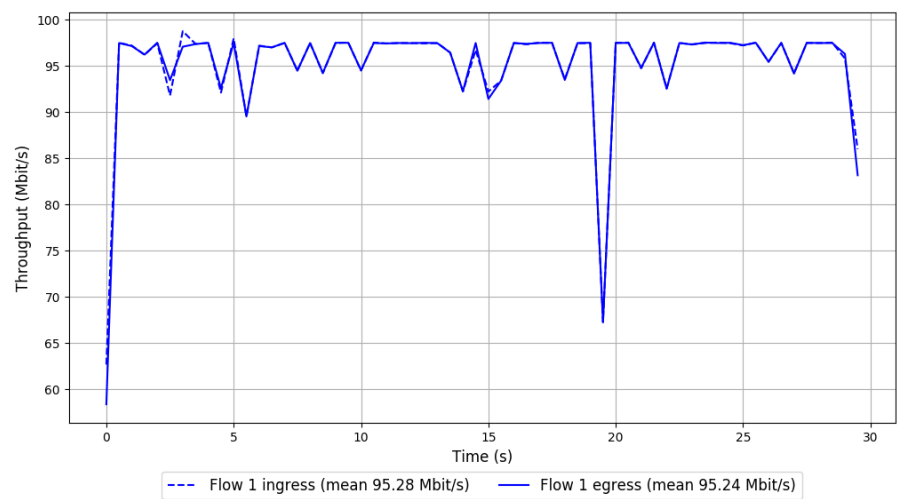


Run 10: Statistics of Verus

Start at: 2018-04-10 12:16:51
End at: 2018-04-10 12:17:21
Local clock offset: -0.556 ms
Remote clock offset: 19.667 ms

Below is generated by plot.py at 2018-04-10 16:28:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 22.595 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 22.595 ms
Loss rate: 0.12%

Run 10: Report of Verus — Data Link

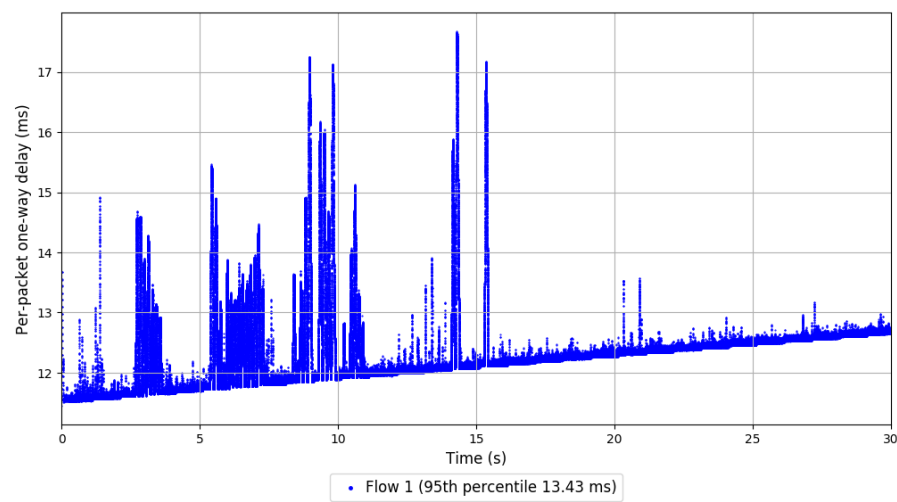
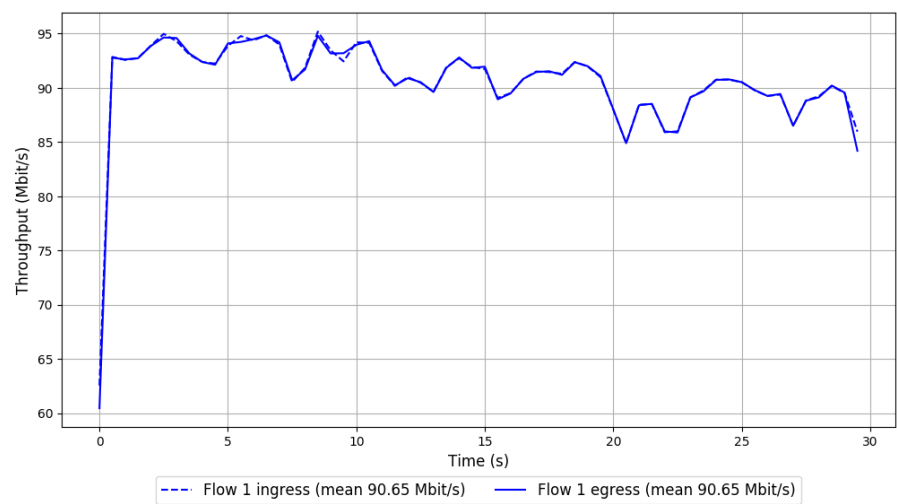


Run 1: Statistics of Copa

Start at: 2018-04-10 09:07:45
End at: 2018-04-10 09:08:15
Local clock offset: -0.002 ms
Remote clock offset: -2.953 ms

Below is generated by plot.py at 2018-04-10 16:29:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 13.429 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 13.429 ms
Loss rate: 0.07%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-04-10 09:28:46

End at: 2018-04-10 09:29:16

Local clock offset: 1.444 ms

Remote clock offset: 21.78 ms

Below is generated by plot.py at 2018-04-10 16:29:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.06 Mbit/s

95th percentile per-packet one-way delay: 16.532 ms

Loss rate: 0.07%

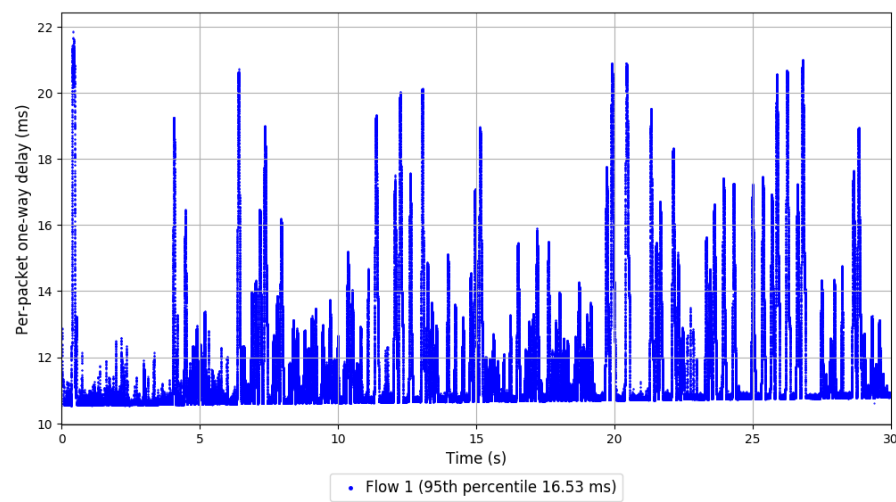
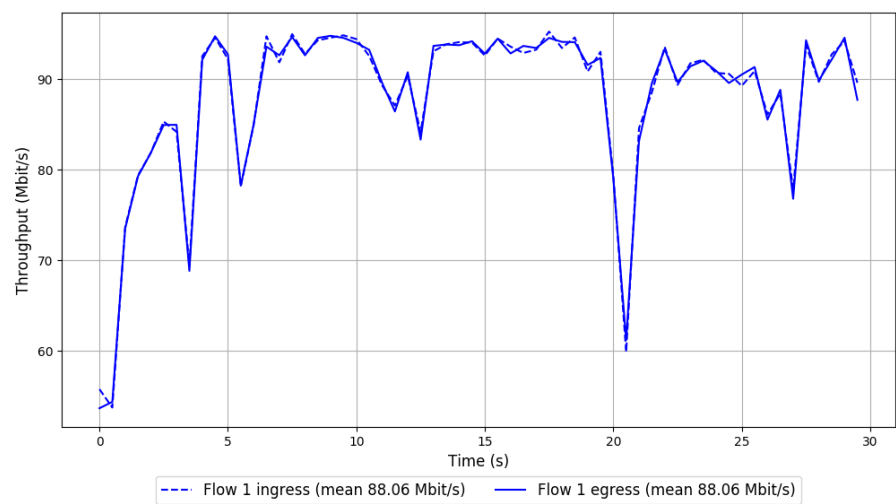
-- Flow 1:

Average throughput: 88.06 Mbit/s

95th percentile per-packet one-way delay: 16.532 ms

Loss rate: 0.07%

Run 2: Report of Copa — Data Link

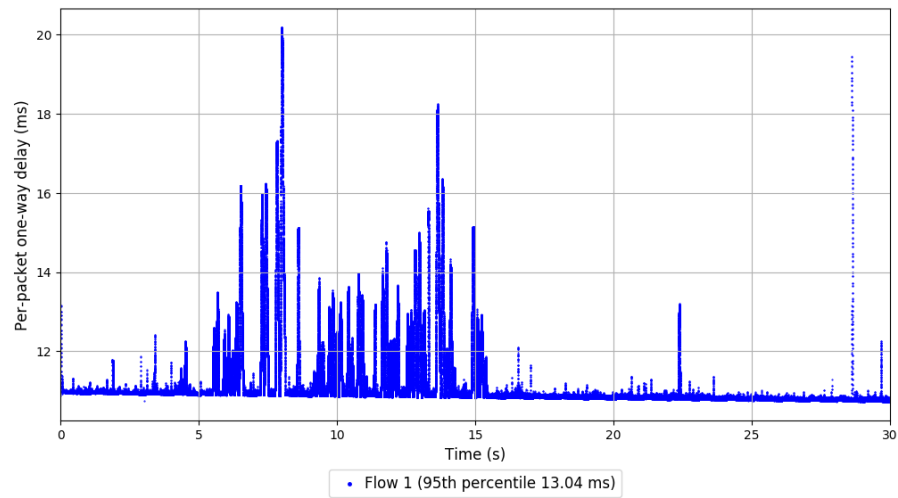
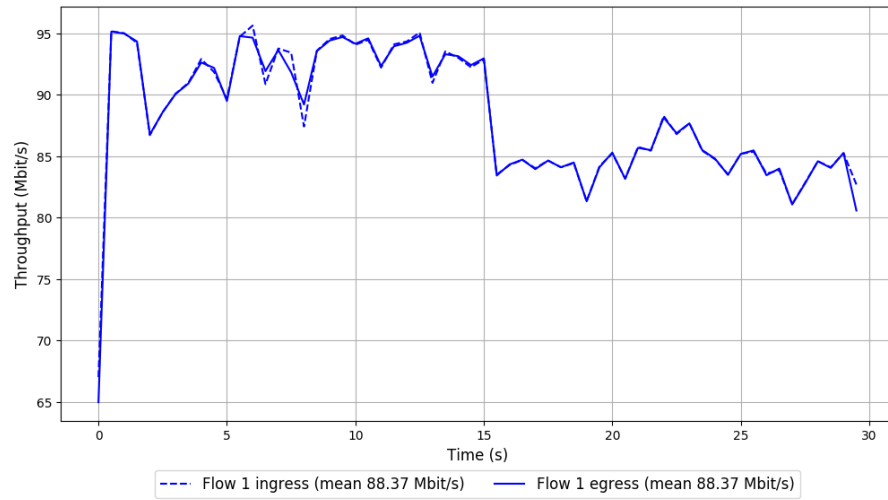


Run 3: Statistics of Copa

Start at: 2018-04-10 09:49:54
End at: 2018-04-10 09:50:24
Local clock offset: 0.952 ms
Remote clock offset: 19.775 ms

Below is generated by plot.py at 2018-04-10 16:30:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 13.038 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 13.038 ms
Loss rate: 0.07%

Run 3: Report of Copa — Data Link

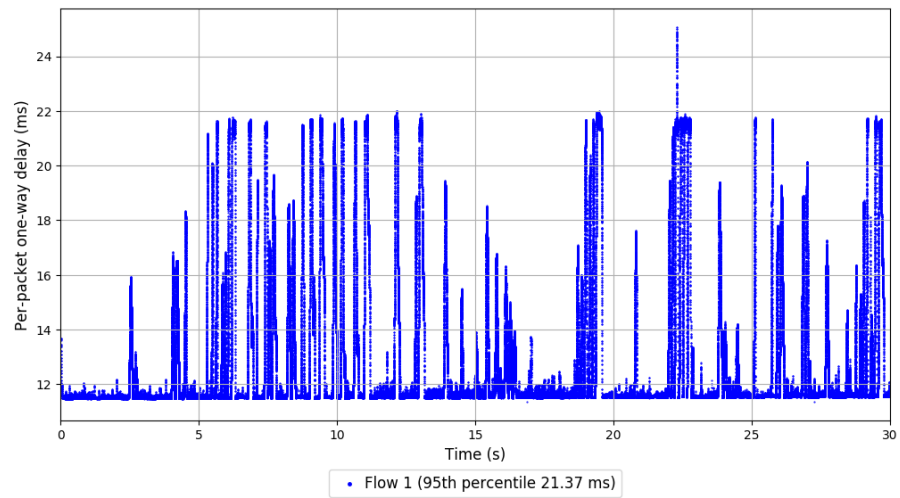
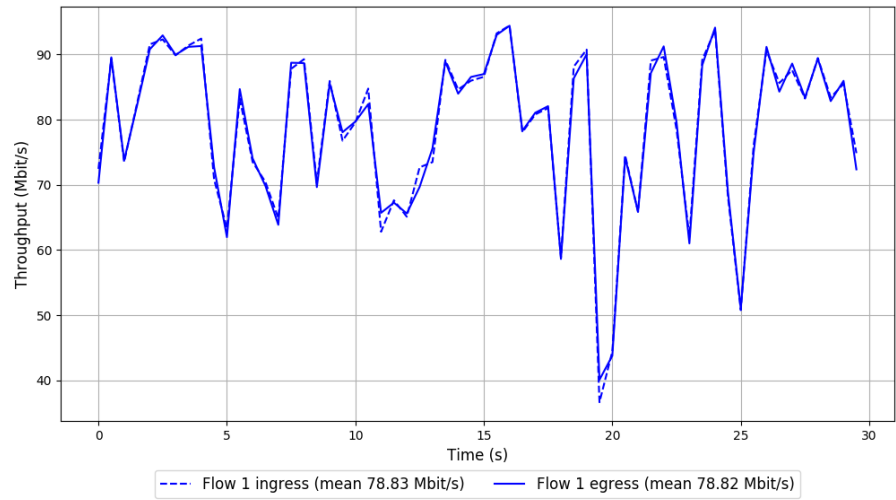


Run 4: Statistics of Copa

Start at: 2018-04-10 10:11:09
End at: 2018-04-10 10:11:39
Local clock offset: 0.494 ms
Remote clock offset: 17.661 ms

Below is generated by plot.py at 2018-04-10 16:30:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 21.367 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 21.367 ms
Loss rate: 0.10%

Run 4: Report of Copa — Data Link

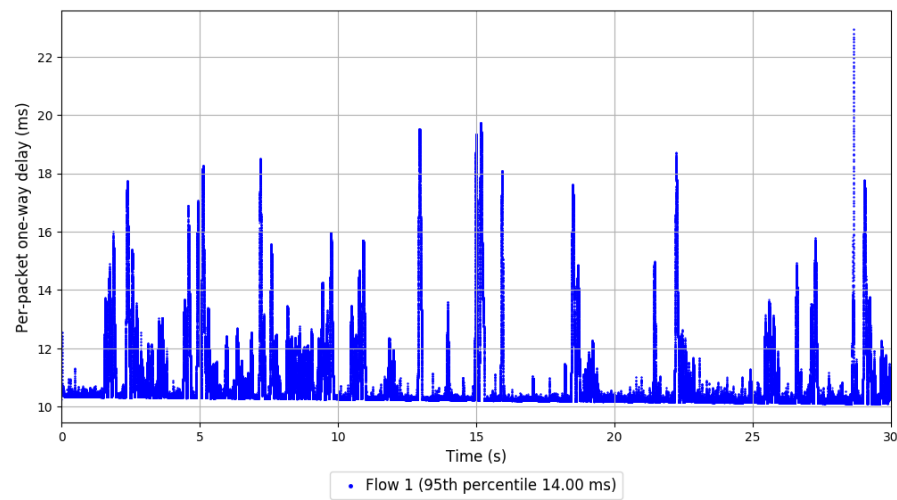
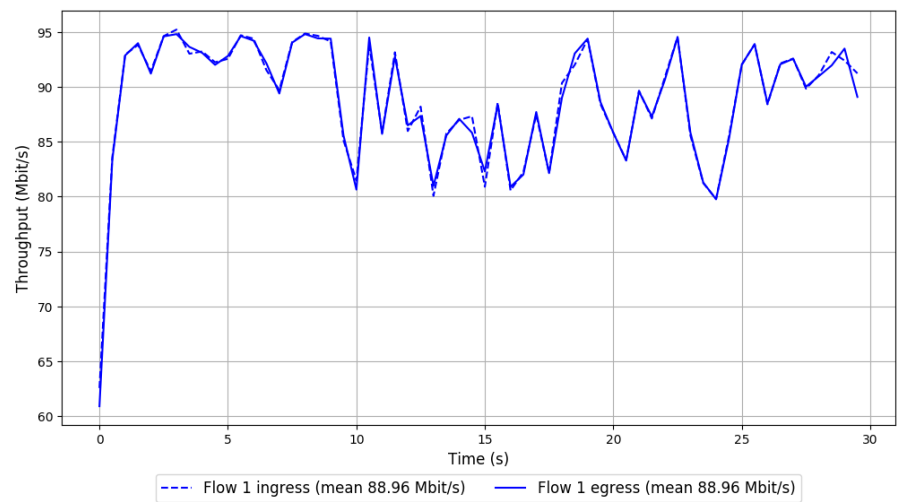


Run 5: Statistics of Copa

Start at: 2018-04-10 10:32:31
End at: 2018-04-10 10:33:01
Local clock offset: -0.31 ms
Remote clock offset: -1.963 ms

Below is generated by plot.py at 2018-04-10 16:30:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.96 Mbit/s
95th percentile per-packet one-way delay: 14.001 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.96 Mbit/s
95th percentile per-packet one-way delay: 14.001 ms
Loss rate: 0.08%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-04-10 10:53:23

End at: 2018-04-10 10:53:53

Local clock offset: -0.853 ms

Remote clock offset: 1.43 ms

Below is generated by plot.py at 2018-04-10 16:30:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.89 Mbit/s

95th percentile per-packet one-way delay: 15.984 ms

Loss rate: 0.07%

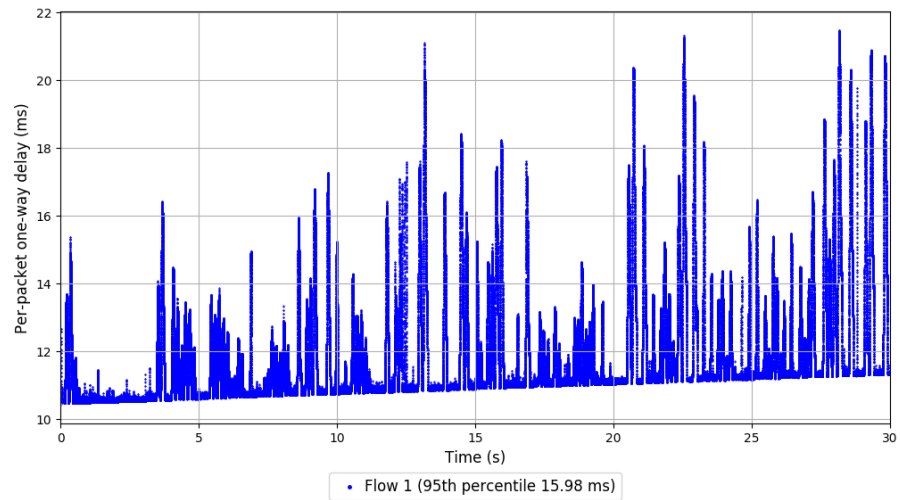
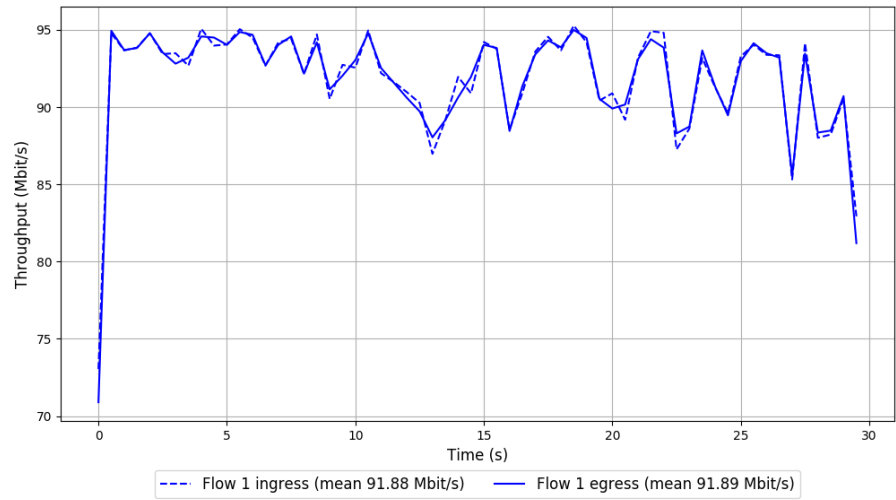
-- Flow 1:

Average throughput: 91.89 Mbit/s

95th percentile per-packet one-way delay: 15.984 ms

Loss rate: 0.07%

Run 6: Report of Copa — Data Link

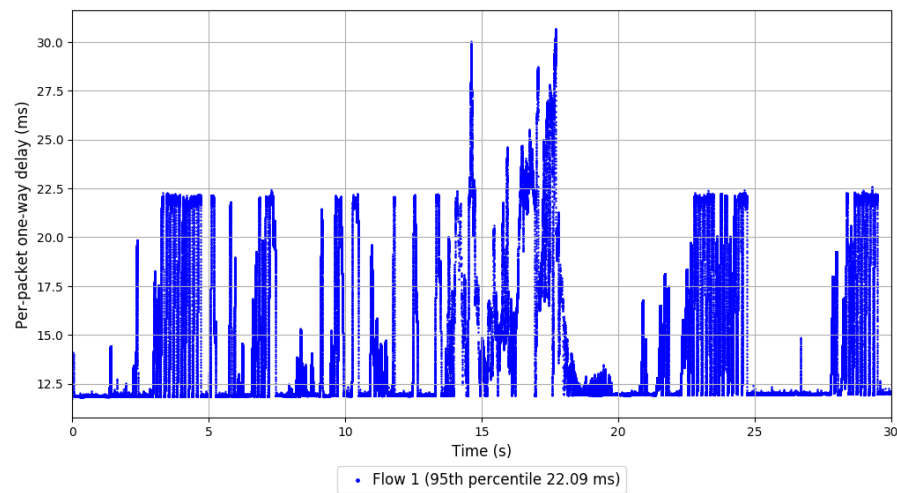
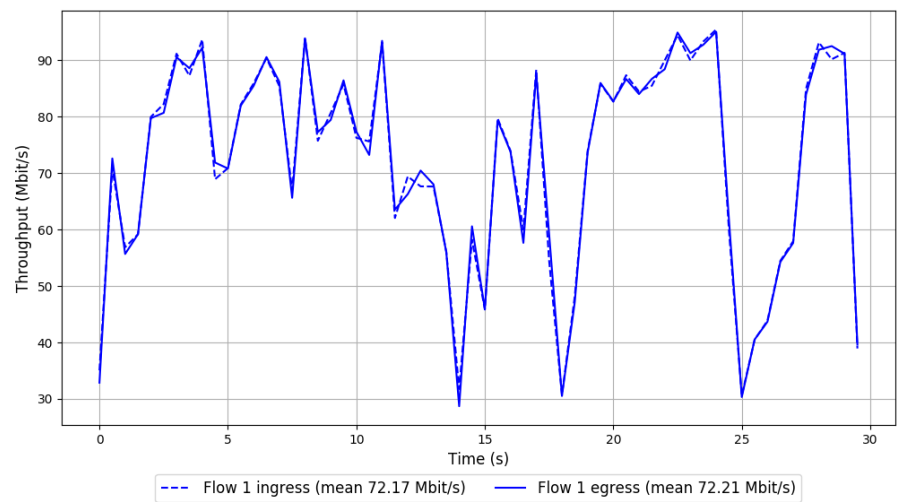


Run 7: Statistics of Copa

Start at: 2018-04-10 11:14:52
End at: 2018-04-10 11:15:22
Local clock offset: -0.982 ms
Remote clock offset: 16.025 ms

Below is generated by plot.py at 2018-04-10 16:30:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 22.095 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 22.095 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-04-10 11:35:46

End at: 2018-04-10 11:36:16

Local clock offset: 0.621 ms

Remote clock offset: 5.063 ms

Below is generated by plot.py at 2018-04-10 16:30:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.18 Mbit/s

95th percentile per-packet one-way delay: 16.182 ms

Loss rate: 0.13%

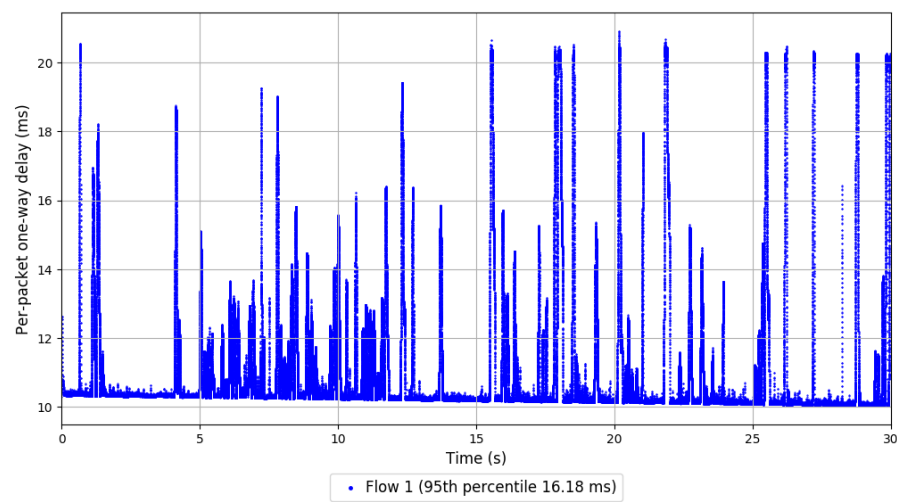
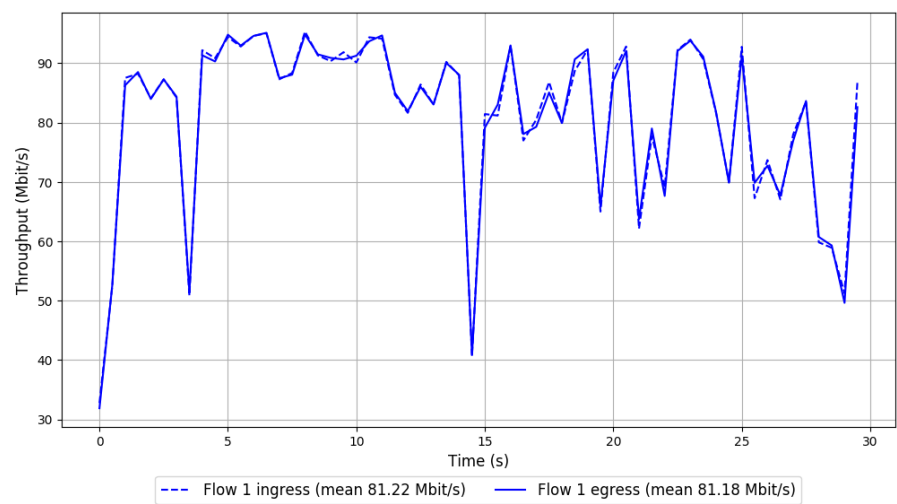
-- Flow 1:

Average throughput: 81.18 Mbit/s

95th percentile per-packet one-way delay: 16.182 ms

Loss rate: 0.13%

Run 8: Report of Copa — Data Link

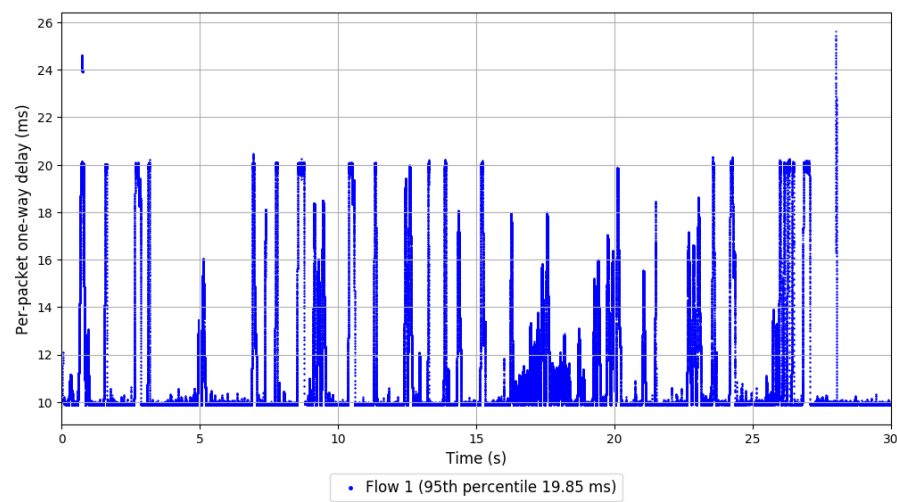
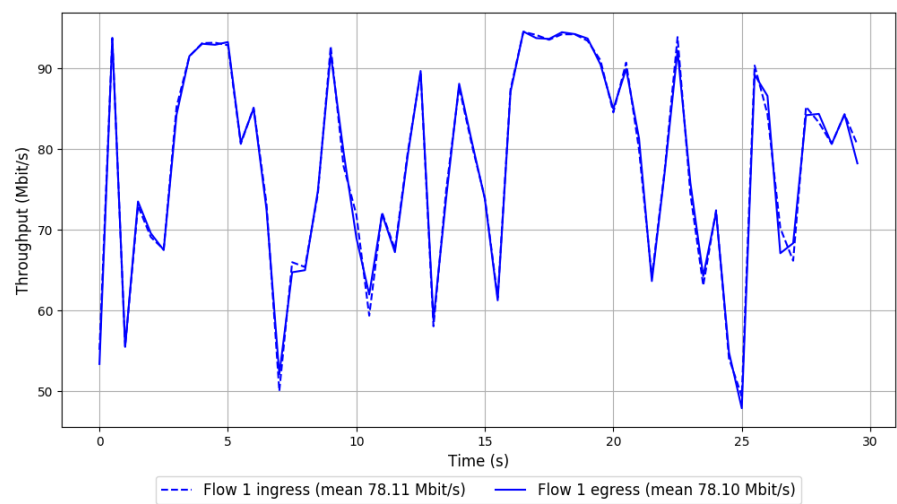


Run 9: Statistics of Copa

Start at: 2018-04-10 11:56:59
End at: 2018-04-10 11:57:29
Local clock offset: 0.866 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2018-04-10 16:31:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 19.854 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 19.854 ms
Loss rate: 0.09%

Run 9: Report of Copa — Data Link

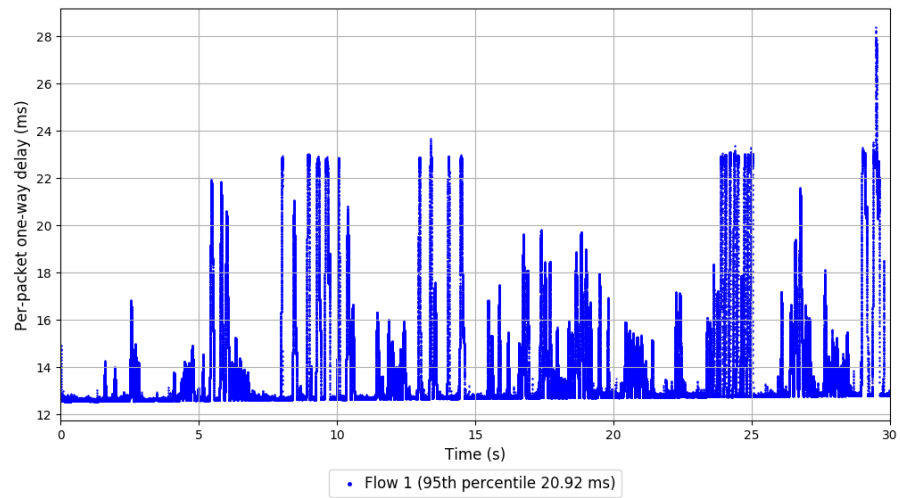
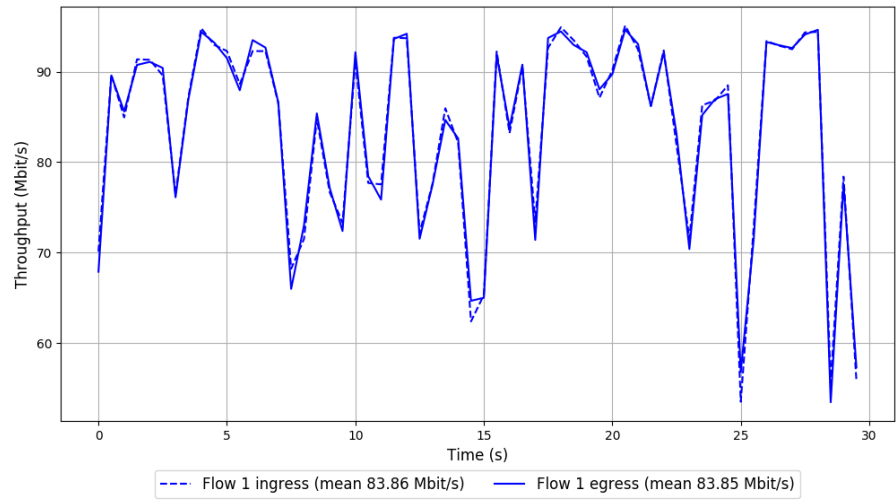


Run 10: Statistics of Copa

Start at: 2018-04-10 12:18:01
End at: 2018-04-10 12:18:31
Local clock offset: -0.056 ms
Remote clock offset: 18.402 ms

Below is generated by plot.py at 2018-04-10 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 20.921 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 20.921 ms
Loss rate: 0.08%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-04-10 09:04:12

End at: 2018-04-10 09:04:42

Local clock offset: -0.398 ms

Remote clock offset: -4.94 ms

Below is generated by plot.py at 2018-04-10 16:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.57 Mbit/s

95th percentile per-packet one-way delay: 21.083 ms

Loss rate: 0.08%

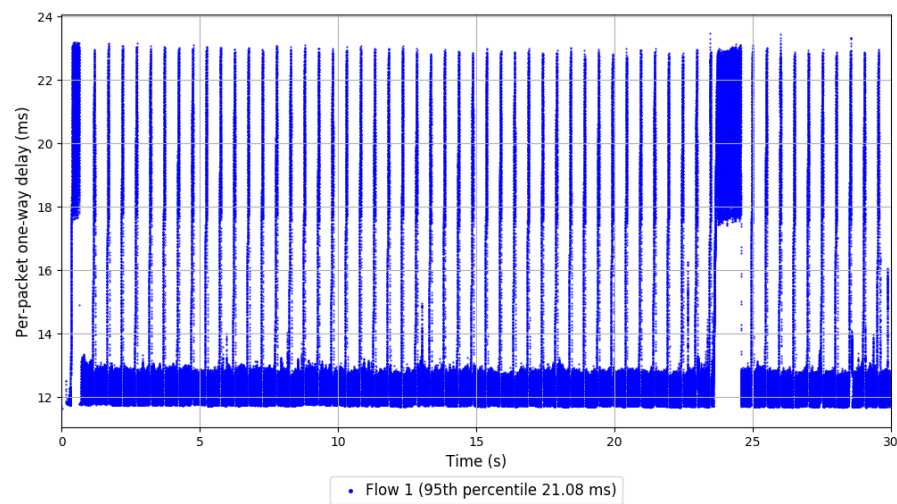
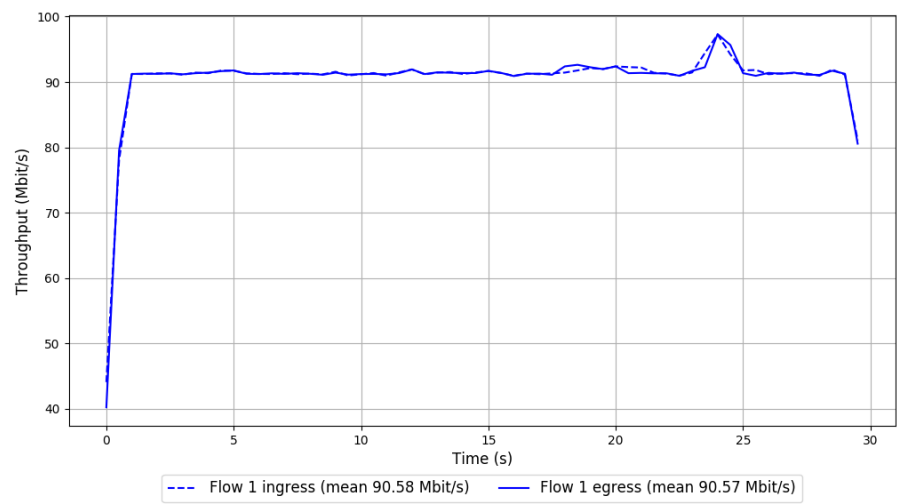
-- Flow 1:

Average throughput: 90.57 Mbit/s

95th percentile per-packet one-way delay: 21.083 ms

Loss rate: 0.08%

Run 1: Report of FillP — Data Link

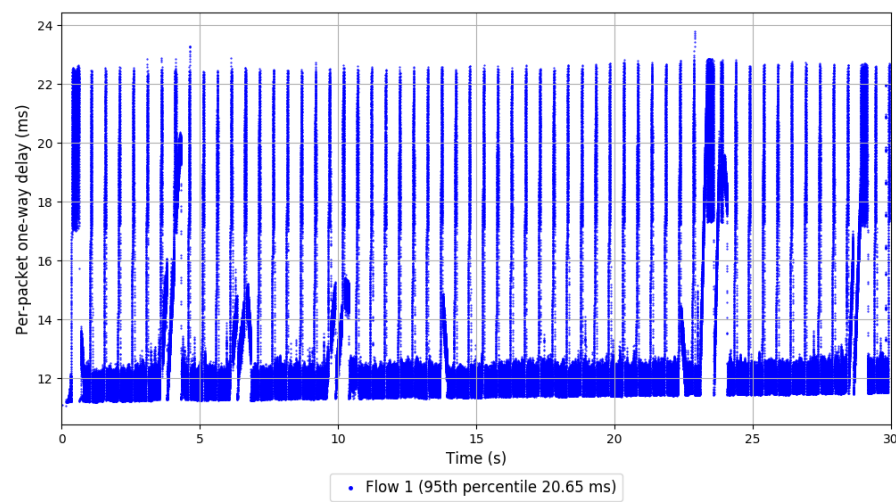
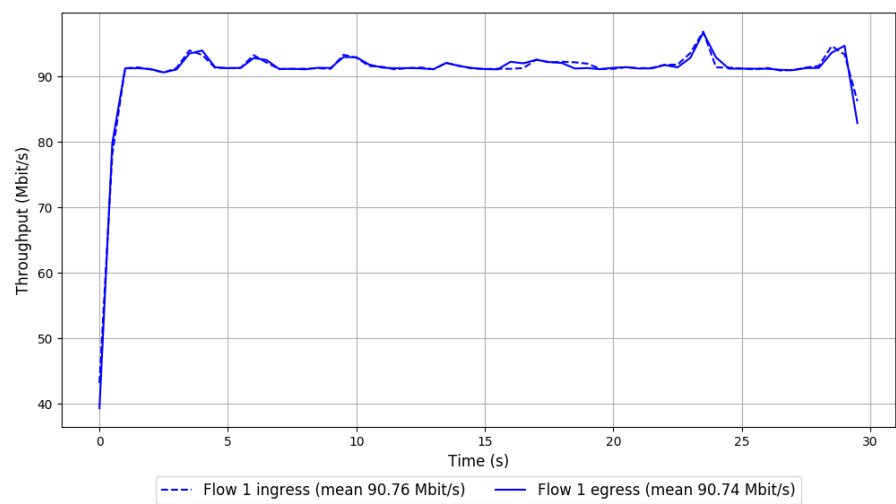


Run 2: Statistics of FillP

Start at: 2018-04-10 09:25:12
End at: 2018-04-10 09:25:42
Local clock offset: 1.062 ms
Remote clock offset: 18.872 ms

Below is generated by plot.py at 2018-04-10 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 20.652 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 20.652 ms
Loss rate: 0.11%

Run 2: Report of FillP — Data Link

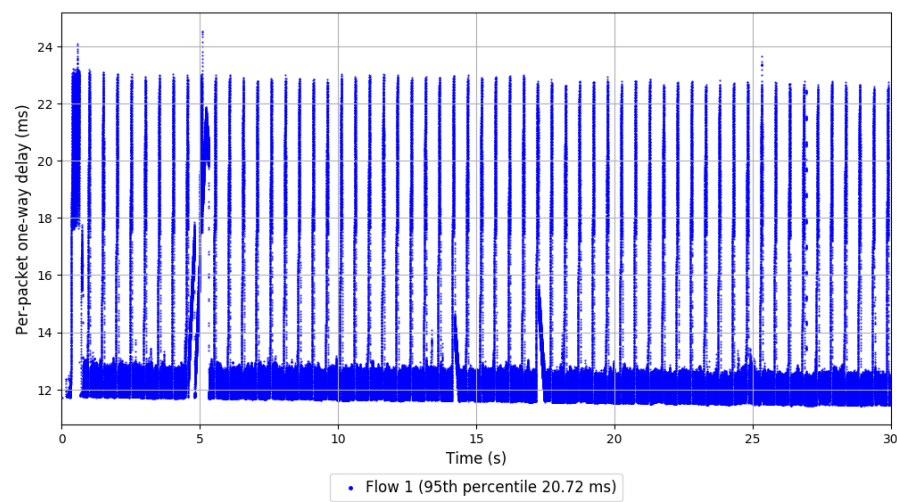
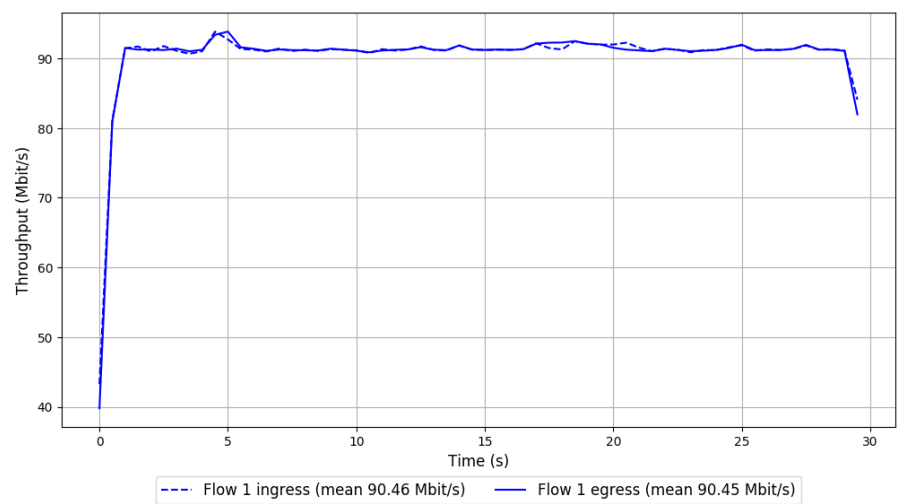


Run 3: Statistics of FillP

Start at: 2018-04-10 09:46:20
End at: 2018-04-10 09:46:50
Local clock offset: 0.289 ms
Remote clock offset: 20.228 ms

Below is generated by plot.py at 2018-04-10 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 20.720 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 20.720 ms
Loss rate: 0.08%

Run 3: Report of FillP — Data Link

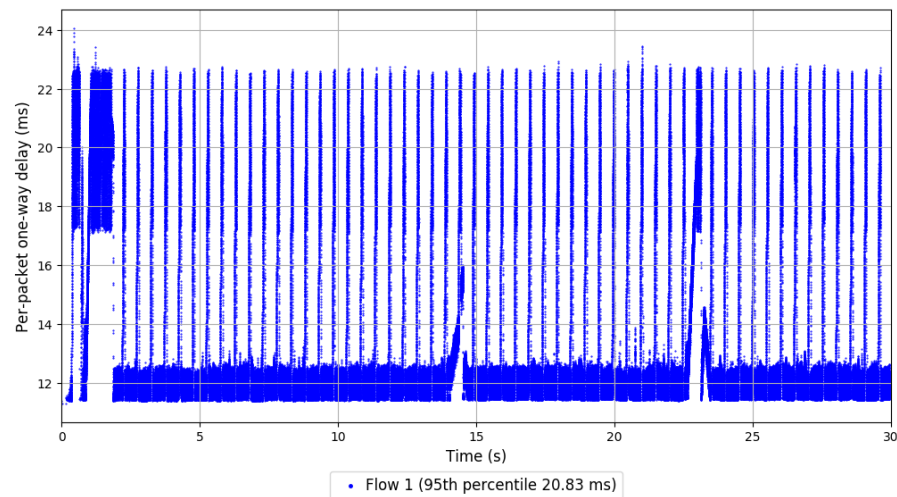
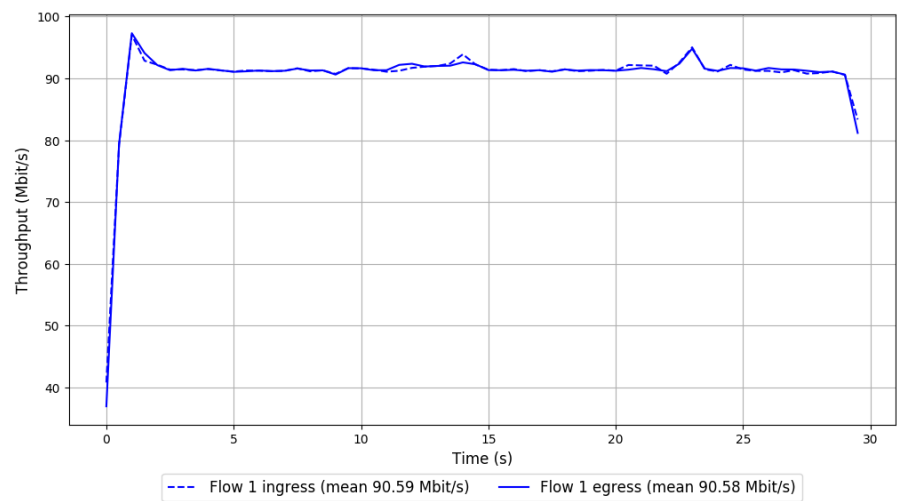


Run 4: Statistics of FillP

Start at: 2018-04-10 10:07:33
End at: 2018-04-10 10:08:03
Local clock offset: 0.494 ms
Remote clock offset: 17.407 ms

Below is generated by plot.py at 2018-04-10 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 20.832 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 20.832 ms
Loss rate: 0.08%

Run 4: Report of FillP — Data Link

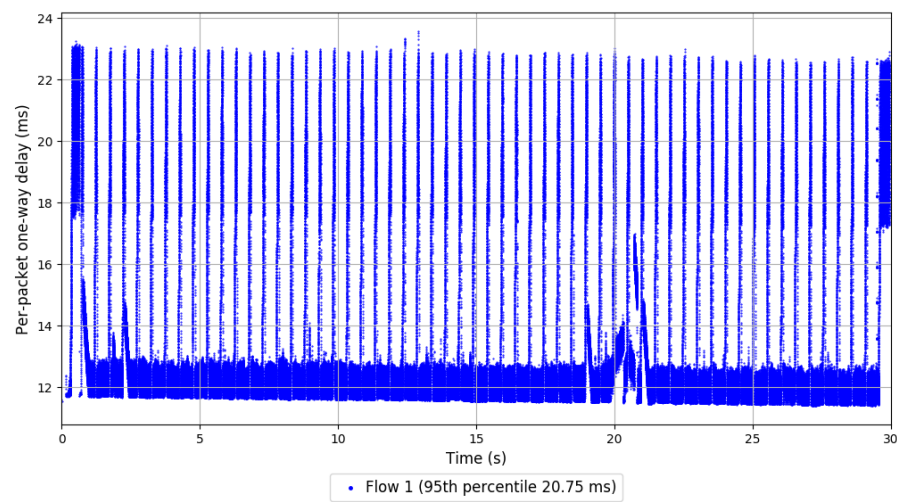
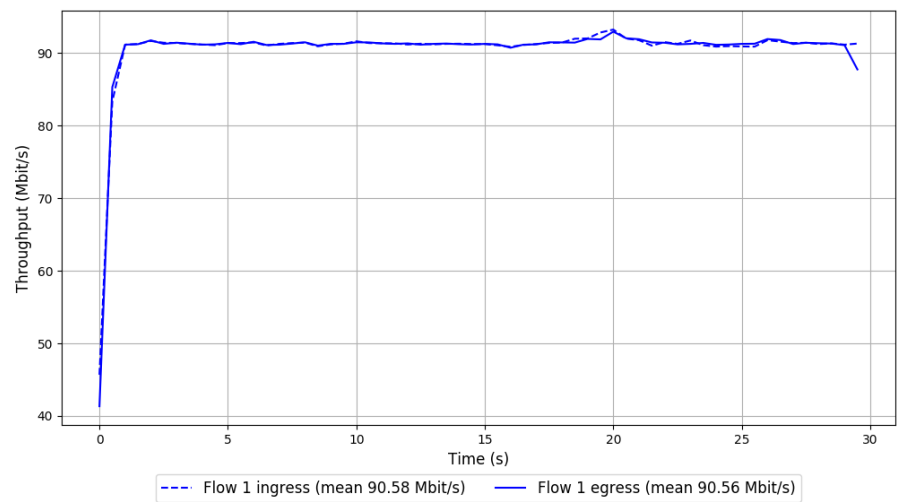


Run 5: Statistics of FillP

Start at: 2018-04-10 10:29:00
End at: 2018-04-10 10:29:30
Local clock offset: 0.146 ms
Remote clock offset: -0.861 ms

Below is generated by plot.py at 2018-04-10 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 20.750 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 90.56 Mbit/s
95th percentile per-packet one-way delay: 20.750 ms
Loss rate: 0.11%

Run 5: Report of FillP — Data Link

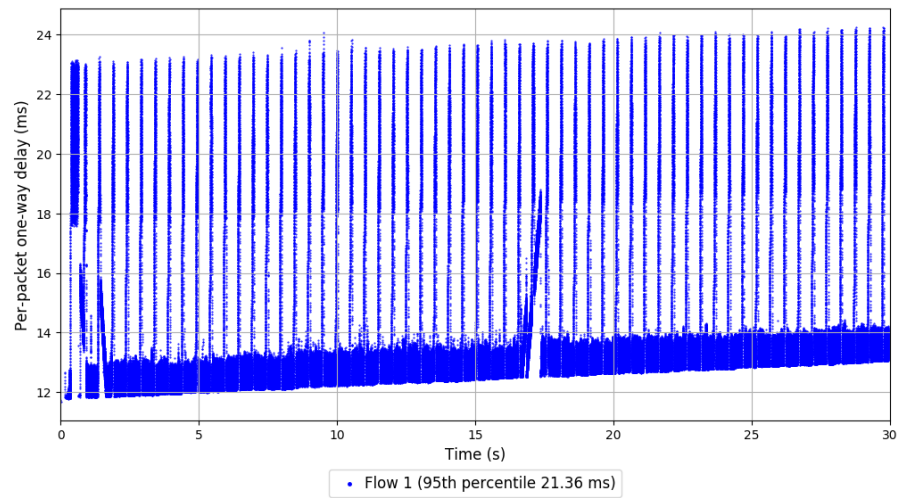
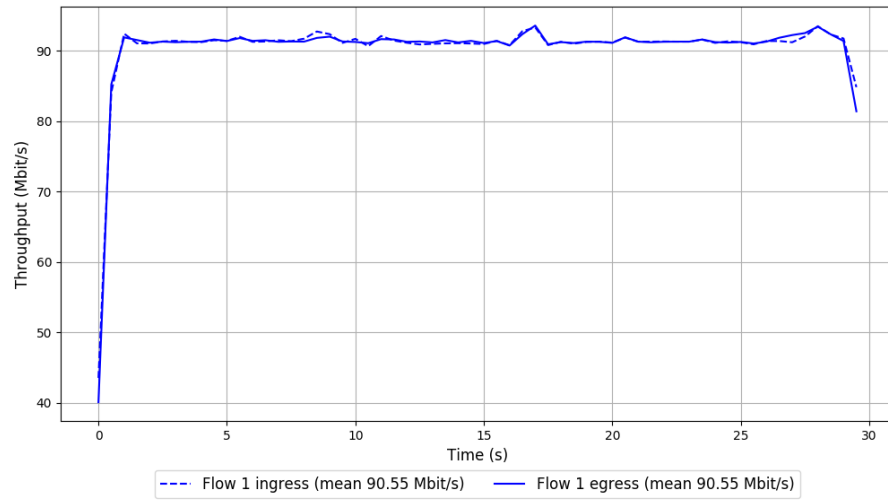


Run 6: Statistics of FillP

Start at: 2018-04-10 10:49:54
End at: 2018-04-10 10:50:24
Local clock offset: -0.107 ms
Remote clock offset: -6.704 ms

Below is generated by plot.py at 2018-04-10 16:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 21.361 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 21.361 ms
Loss rate: 0.08%

Run 6: Report of FillP — Data Link

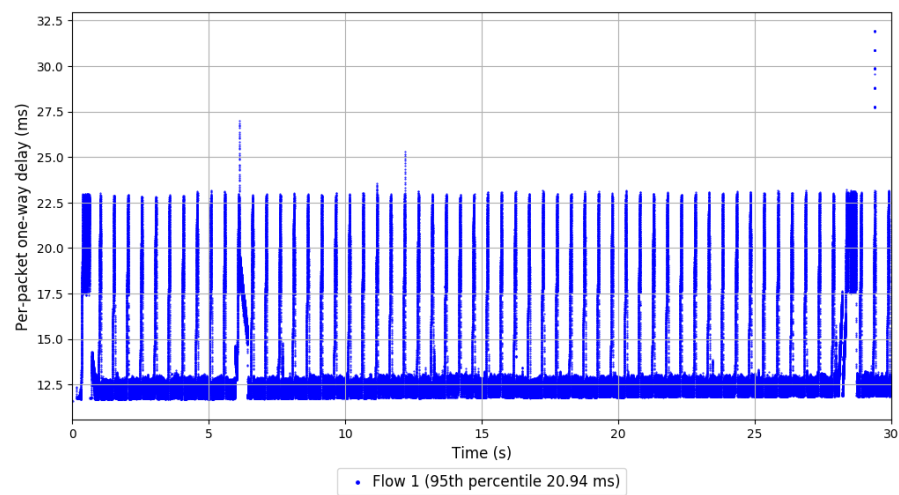
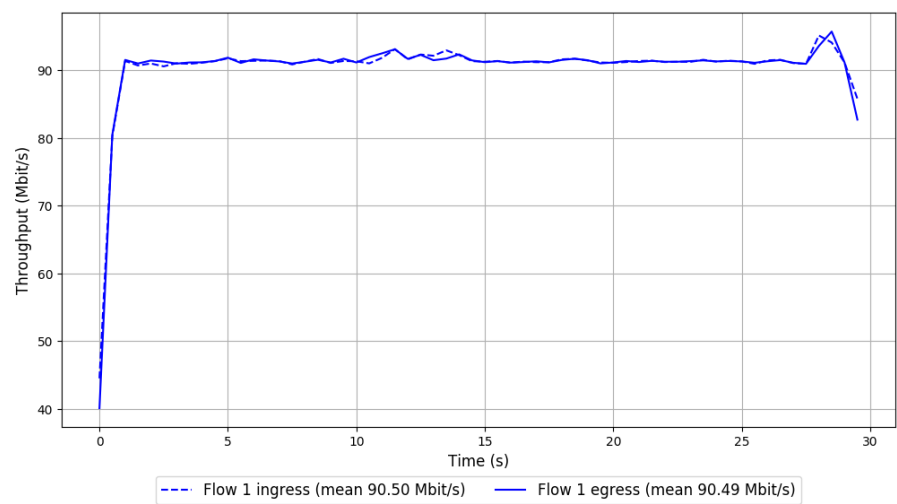


Run 7: Statistics of FillP

Start at: 2018-04-10 11:11:13
End at: 2018-04-10 11:11:43
Local clock offset: -1.256 ms
Remote clock offset: 14.781 ms

Below is generated by plot.py at 2018-04-10 16:33:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 20.944 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 20.944 ms
Loss rate: 0.10%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-04-10 11:32:17

End at: 2018-04-10 11:32:47

Local clock offset: 0.166 ms

Remote clock offset: 6.814 ms

Below is generated by plot.py at 2018-04-10 16:33:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 20.086 ms

Loss rate: 0.10%

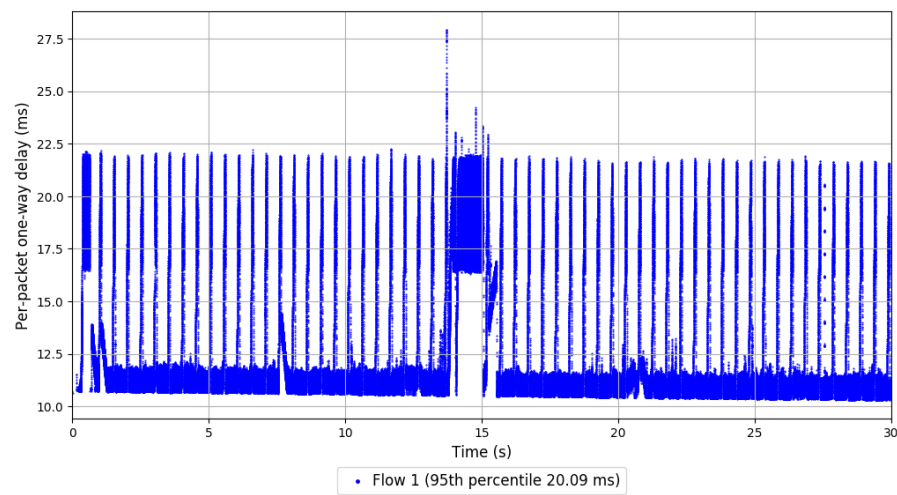
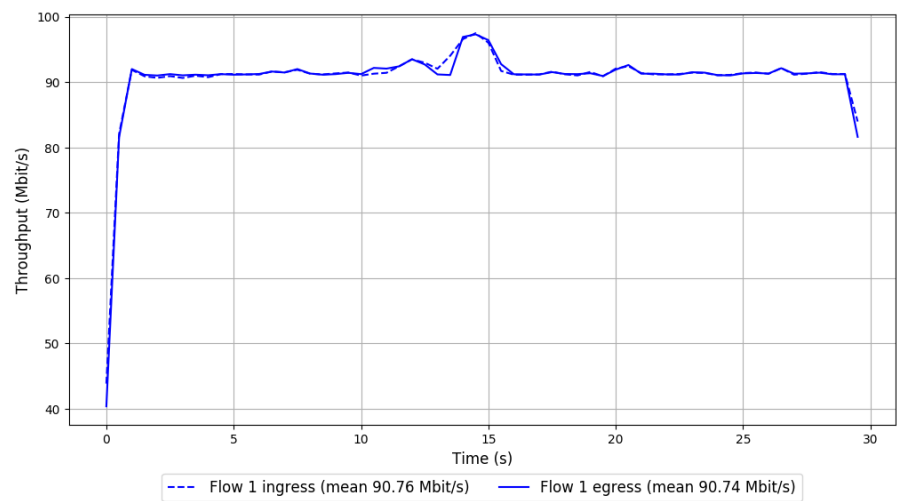
-- Flow 1:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 20.086 ms

Loss rate: 0.10%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-04-10 11:53:29

End at: 2018-04-10 11:53:59

Local clock offset: 1.913 ms

Remote clock offset: 0.283 ms

Below is generated by plot.py at 2018-04-10 16:33:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 20.187 ms

Loss rate: 0.12%

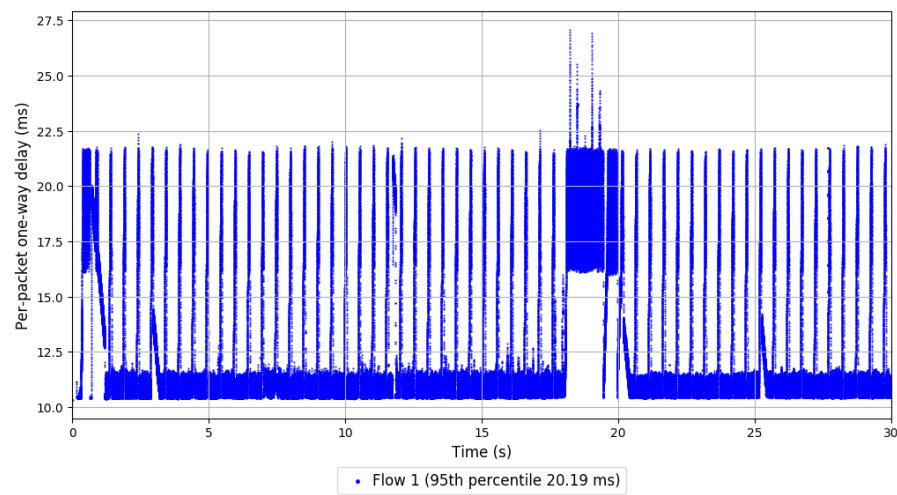
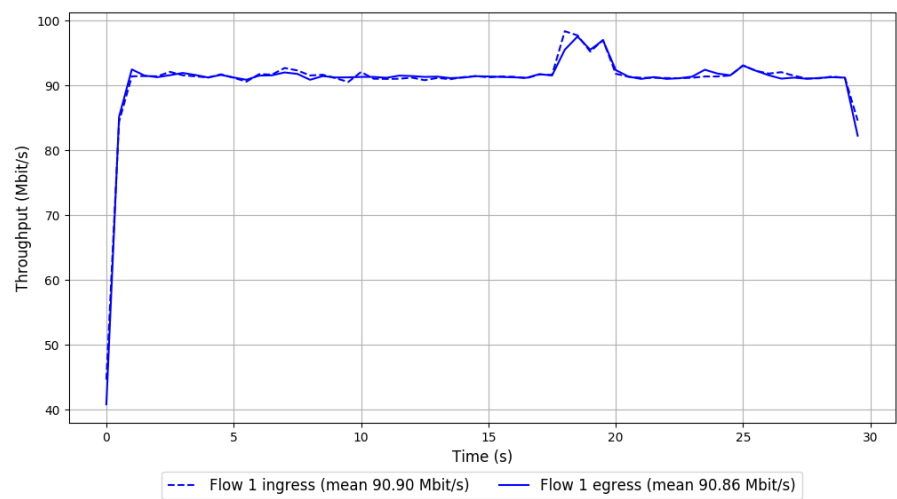
-- Flow 1:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 20.187 ms

Loss rate: 0.12%

Run 9: Report of FillP — Data Link

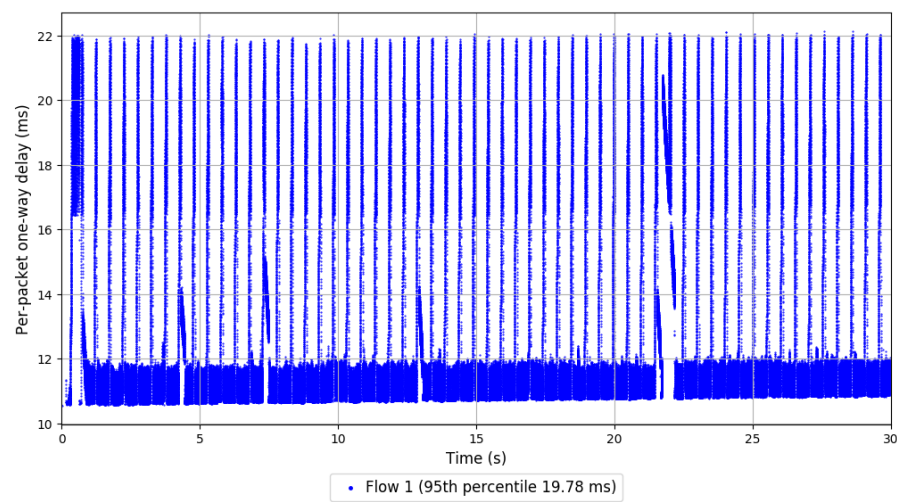
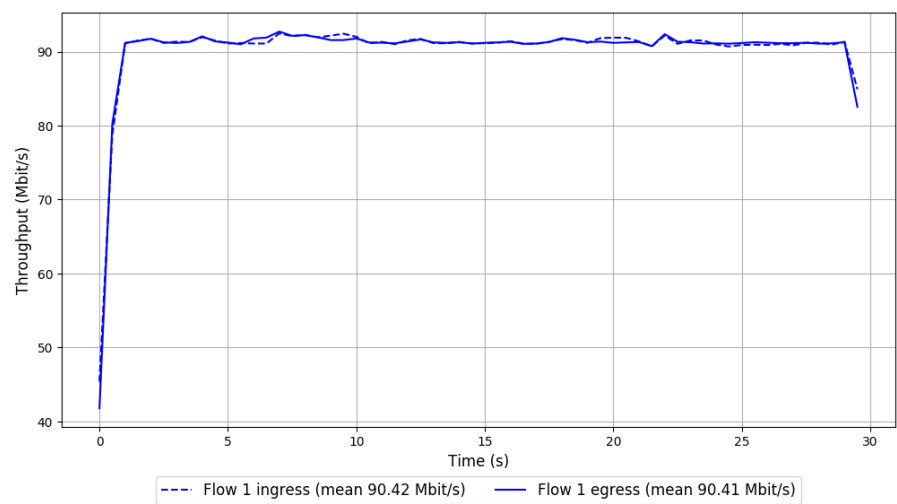


Run 10: Statistics of FillP

Start at: 2018-04-10 12:14:32
End at: 2018-04-10 12:15:02
Local clock offset: -0.115 ms
Remote clock offset: 18.562 ms

Below is generated by plot.py at 2018-04-10 16:33:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 19.782 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 19.782 ms
Loss rate: 0.08%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-04-10 09:16:56

End at: 2018-04-10 09:17:26

Local clock offset: 1.534 ms

Remote clock offset: 12.75 ms

Below is generated by plot.py at 2018-04-10 16:33:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: 14.108 ms

Loss rate: 0.08%

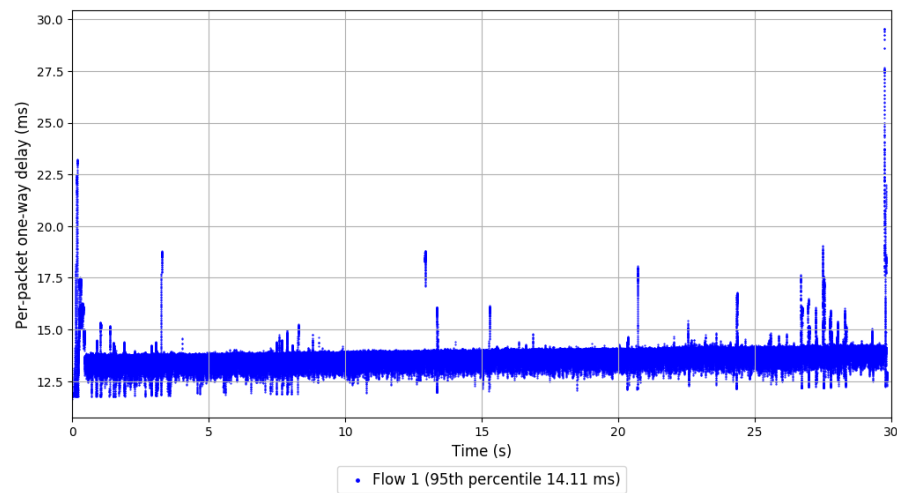
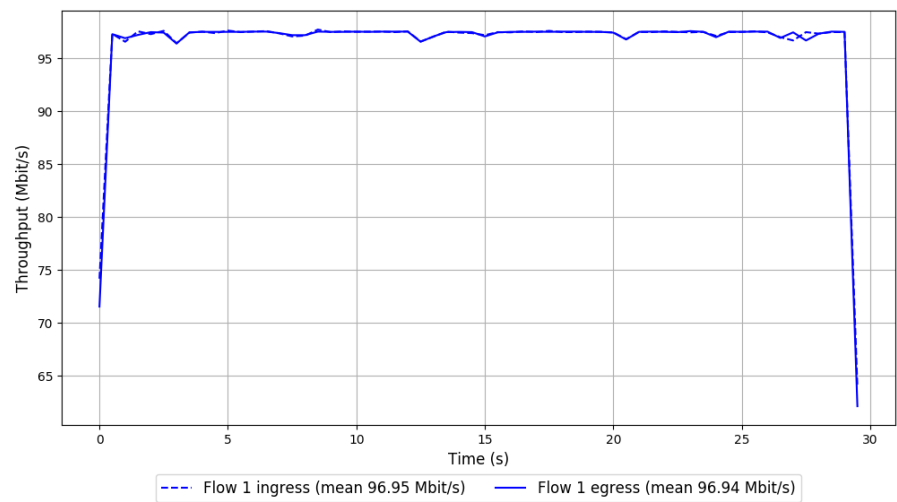
-- Flow 1:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: 14.108 ms

Loss rate: 0.08%

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

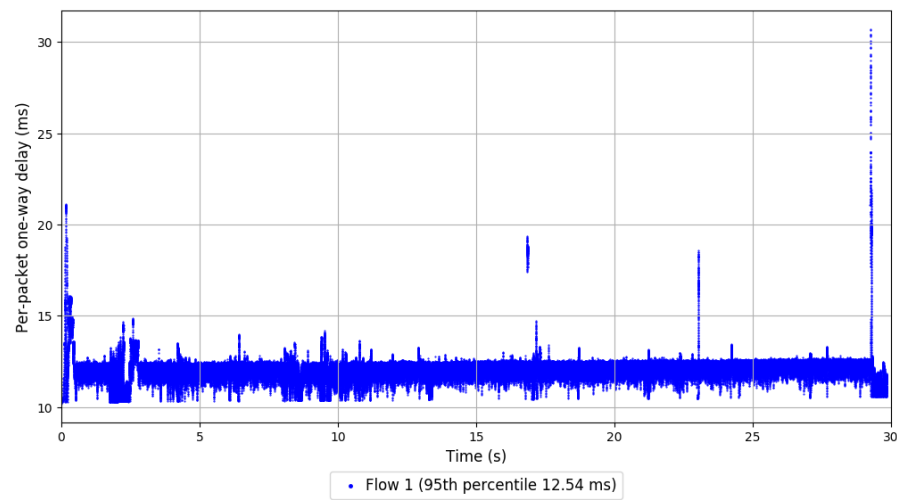
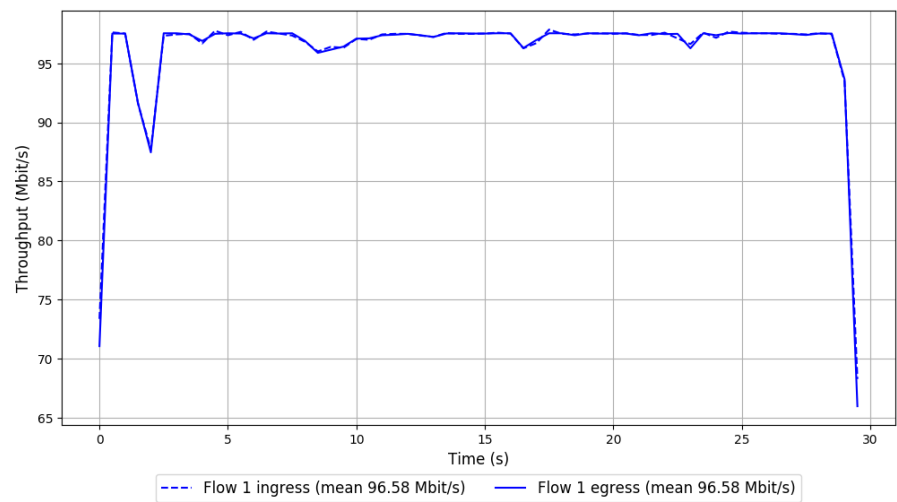


Run 2: Statistics of Indigo-1-32

Start at: 2018-04-10 09:38:11
End at: 2018-04-10 09:38:41
Local clock offset: 1.15 ms
Remote clock offset: 26.008 ms

Below is generated by plot.py at 2018-04-10 16:33:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 12.538 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 12.538 ms
Loss rate: 0.08%

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

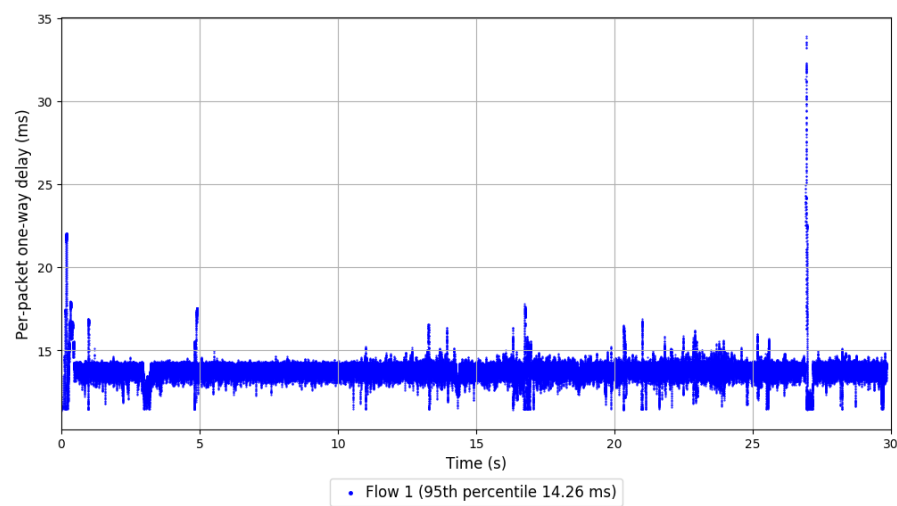
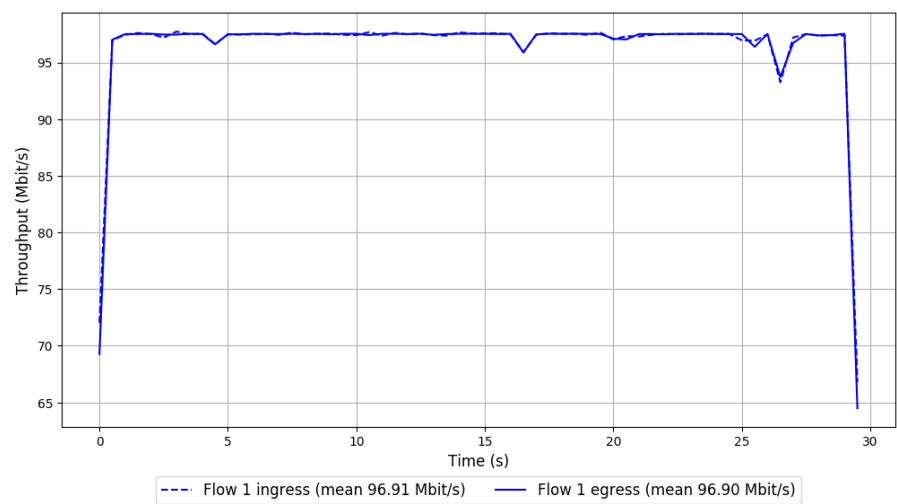


Run 3: Statistics of Indigo-1-32

Start at: 2018-04-10 09:59:13
End at: 2018-04-10 09:59:43
Local clock offset: 0.173 ms
Remote clock offset: 16.782 ms

Below is generated by plot.py at 2018-04-10 16:33:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 14.262 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 14.262 ms
Loss rate: 0.08%

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



Run 4: Statistics of Indigo-1-32

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

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

Local clock offset: -0.349 ms

Remote clock offset: 8.166 ms

Below is generated by plot.py at 2018-04-10 16:33:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 13.320 ms

Loss rate: 0.08%

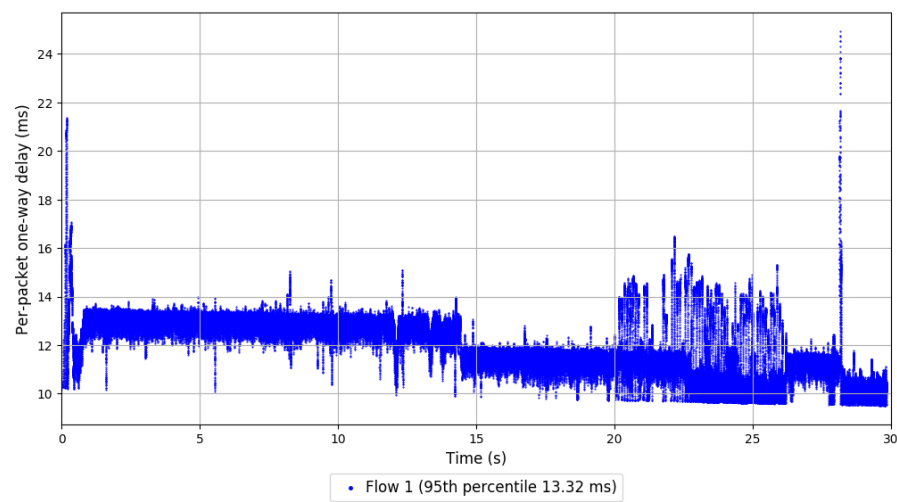
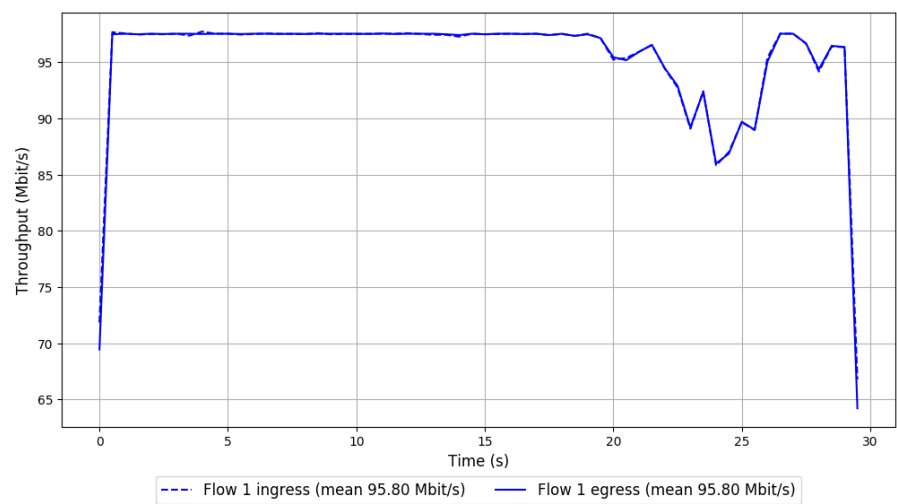
-- Flow 1:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 13.320 ms

Loss rate: 0.08%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-04-10 10:41:50

End at: 2018-04-10 10:42:20

Local clock offset: 0.233 ms

Remote clock offset: -5.863 ms

Below is generated by plot.py at 2018-04-10 16:34:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 13.734 ms

Loss rate: 0.08%

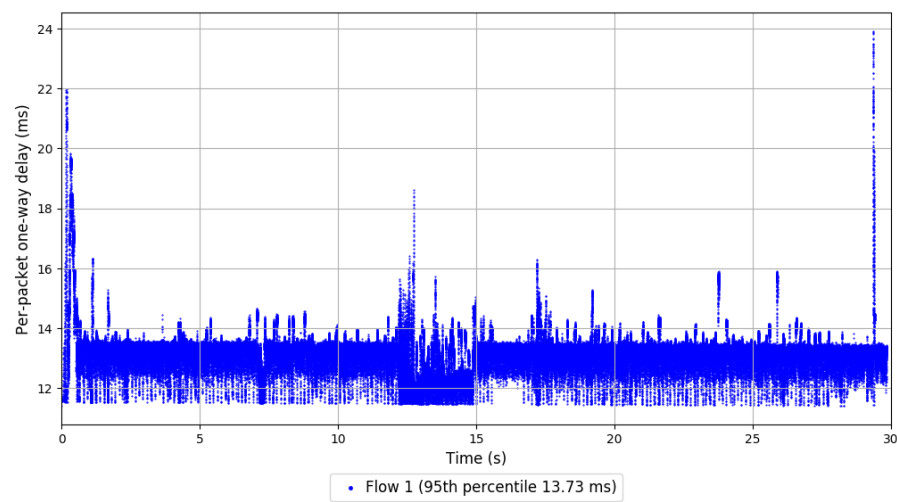
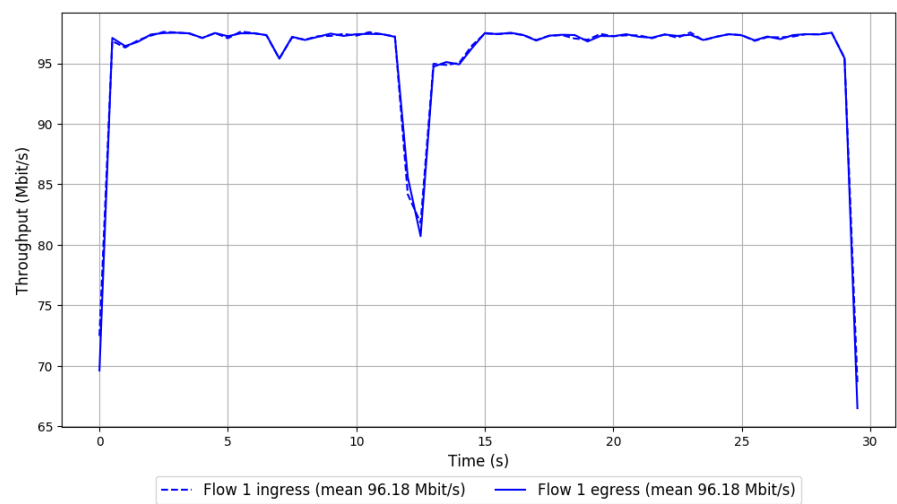
-- Flow 1:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 13.734 ms

Loss rate: 0.08%

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

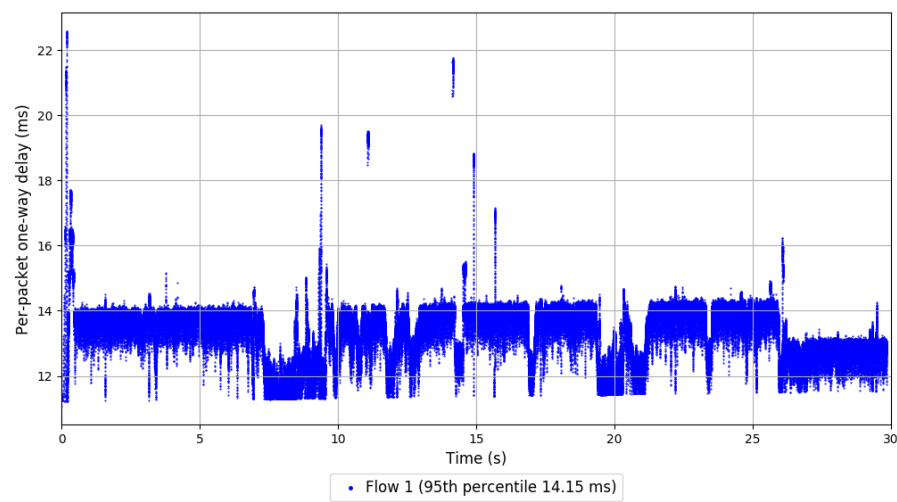
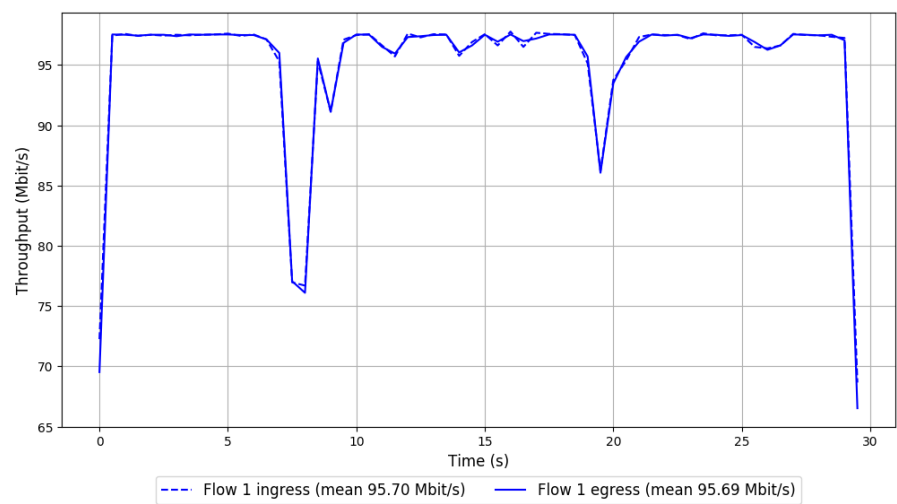


Run 6: Statistics of Indigo-1-32

Start at: 2018-04-10 11:02:50
End at: 2018-04-10 11:03:20
Local clock offset: -0.584 ms
Remote clock offset: 11.653 ms

Below is generated by plot.py at 2018-04-10 16:34:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 14.153 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 14.153 ms
Loss rate: 0.08%

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

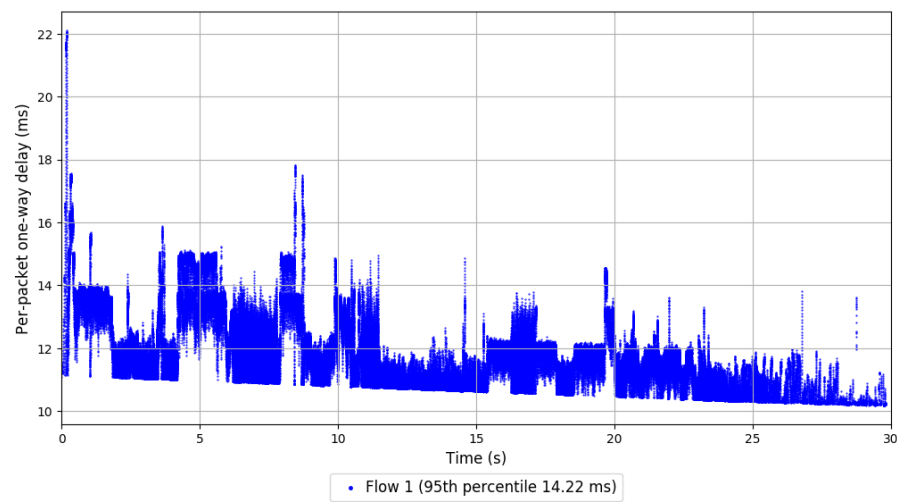
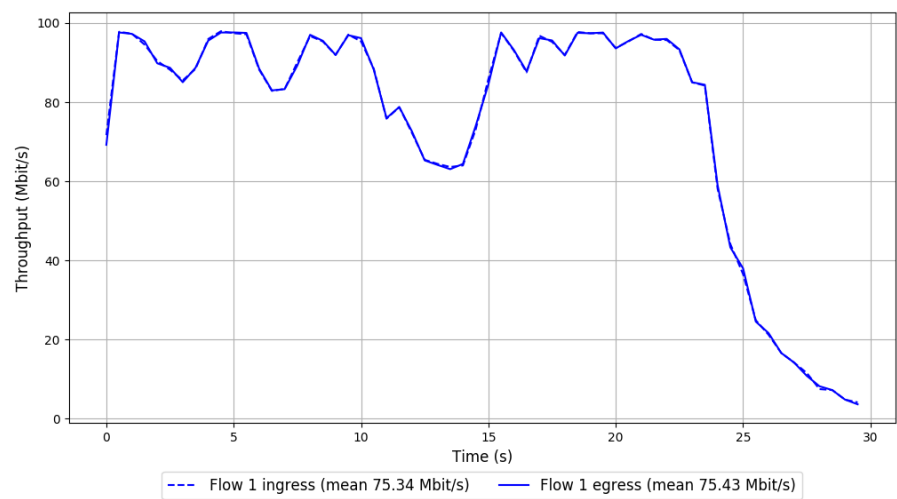


Run 7: Statistics of Indigo-1-32

Start at: 2018-04-10 11:24:07
End at: 2018-04-10 11:24:37
Local clock offset: -0.167 ms
Remote clock offset: 17.486 ms

Below is generated by plot.py at 2018-04-10 16:34:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.43 Mbit/s
95th percentile per-packet one-way delay: 14.217 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.43 Mbit/s
95th percentile per-packet one-way delay: 14.217 ms
Loss rate: 0.01%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-04-10 11:45:10

End at: 2018-04-10 11:45:40

Local clock offset: 1.285 ms

Remote clock offset: 0.42 ms

Below is generated by plot.py at 2018-04-10 16:34:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.16 Mbit/s

95th percentile per-packet one-way delay: 13.940 ms

Loss rate: 0.09%

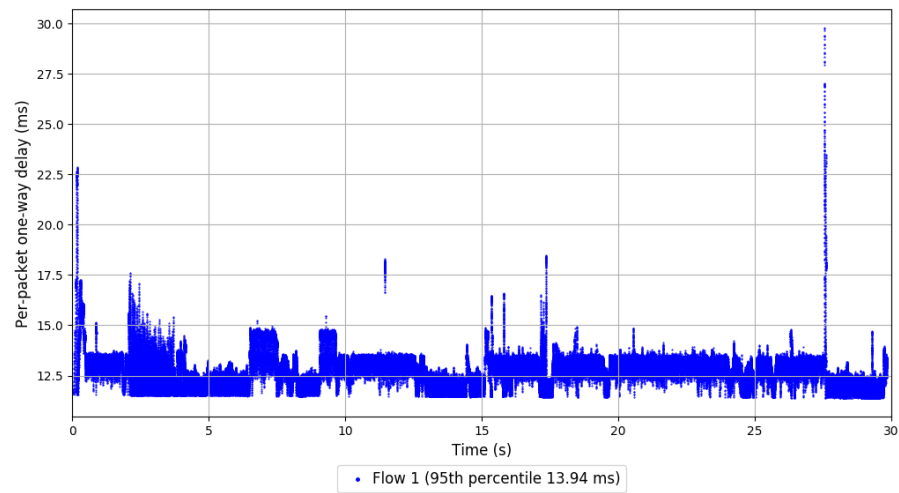
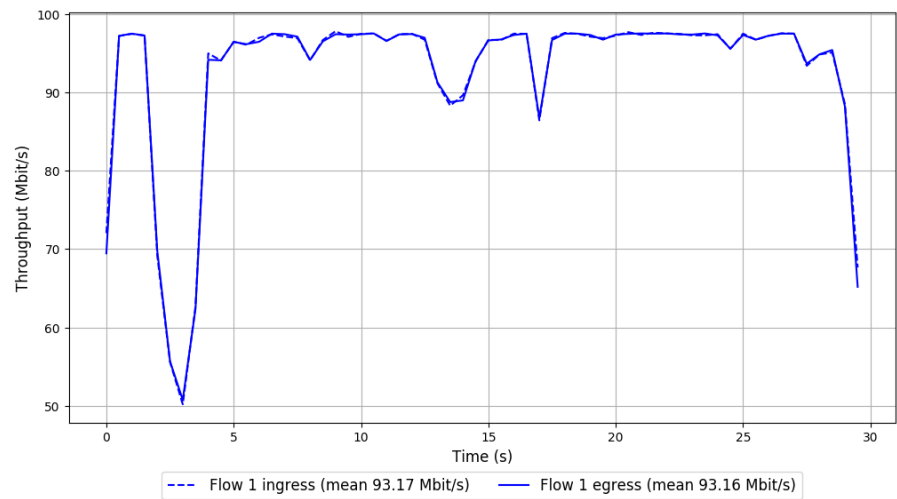
-- Flow 1:

Average throughput: 93.16 Mbit/s

95th percentile per-packet one-way delay: 13.940 ms

Loss rate: 0.09%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-04-10 12:06:20

End at: 2018-04-10 12:06:50

Local clock offset: 0.316 ms

Remote clock offset: 12.773 ms

Below is generated by plot.py at 2018-04-10 16:34:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.95 Mbit/s

95th percentile per-packet one-way delay: 14.051 ms

Loss rate: 0.03%

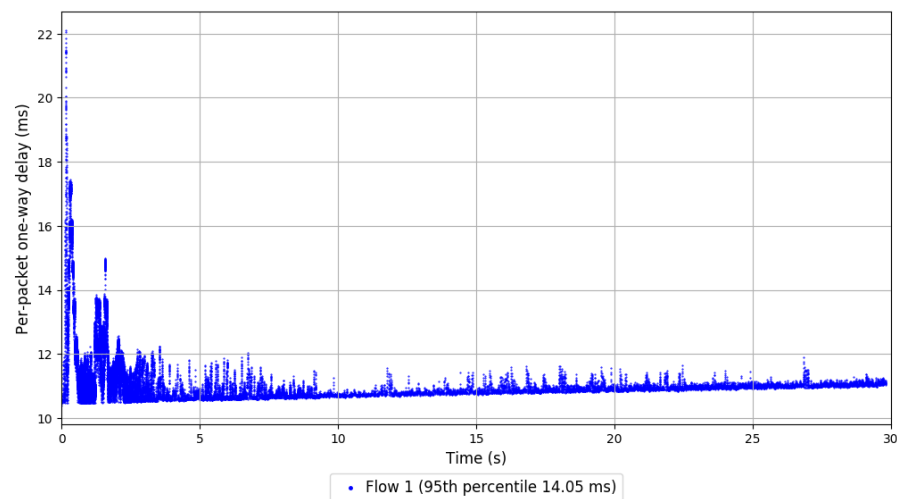
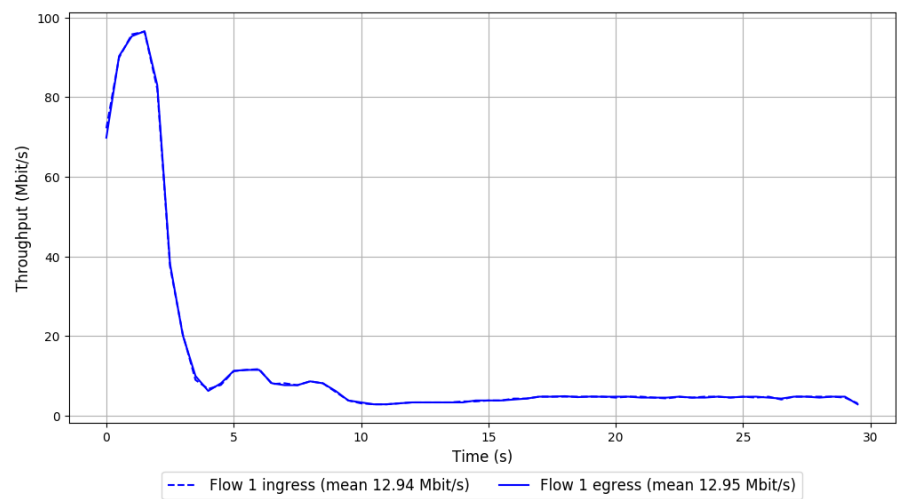
-- Flow 1:

Average throughput: 12.95 Mbit/s

95th percentile per-packet one-way delay: 14.051 ms

Loss rate: 0.03%

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

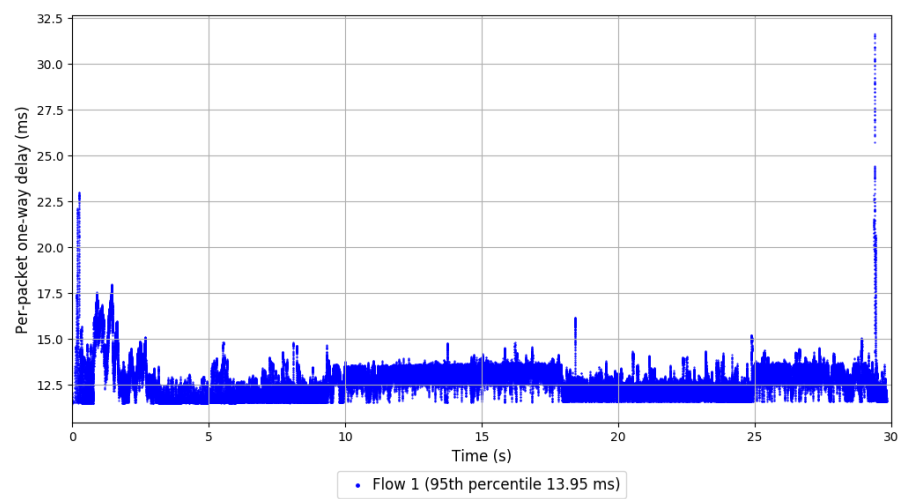
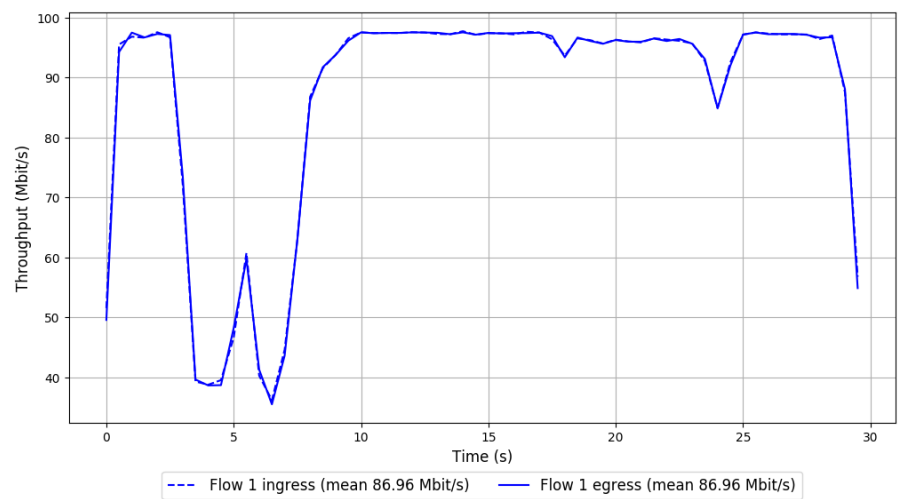


Run 10: Statistics of Indigo-1-32

Start at: 2018-04-10 12:27:24
End at: 2018-04-10 12:27:54
Local clock offset: -0.347 ms
Remote clock offset: 22.946 ms

Below is generated by plot.py at 2018-04-10 16:35:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 13.945 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 13.945 ms
Loss rate: 0.08%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-04-10 09:13:29

End at: 2018-04-10 09:13:59

Local clock offset: 1.216 ms

Remote clock offset: 9.174 ms

Below is generated by plot.py at 2018-04-10 16:35:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.93 Mbit/s

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

Loss rate: 0.08%

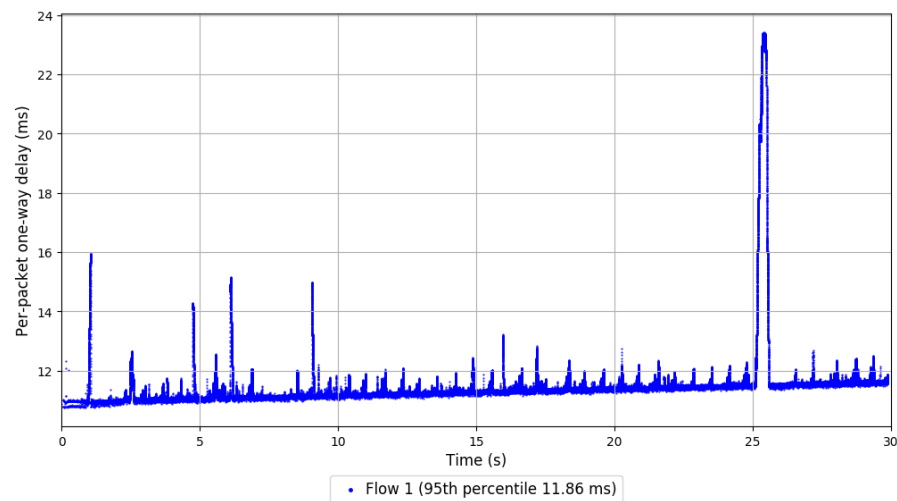
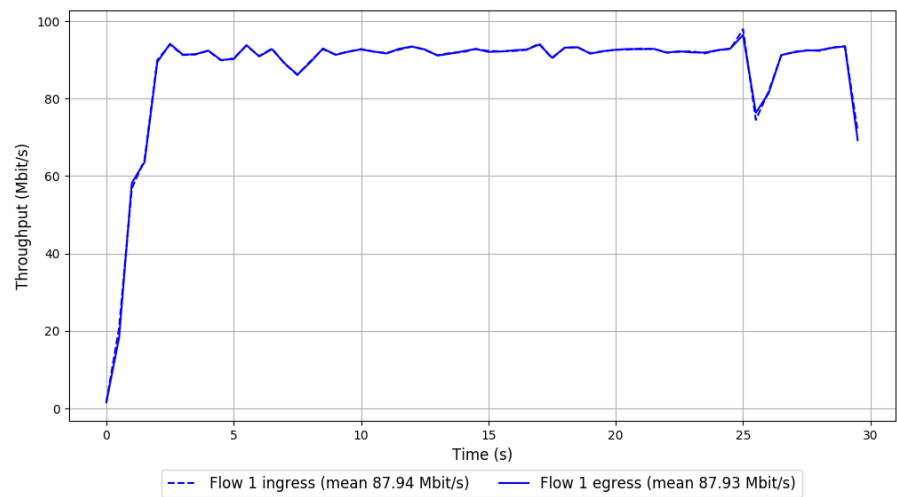
-- Flow 1:

Average throughput: 87.93 Mbit/s

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

Loss rate: 0.08%

Run 1: Report of Vivace-latency — Data Link

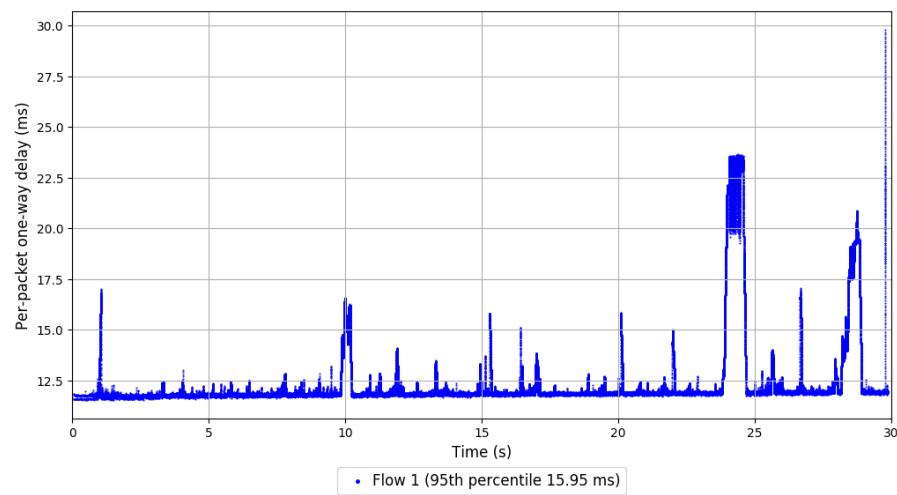
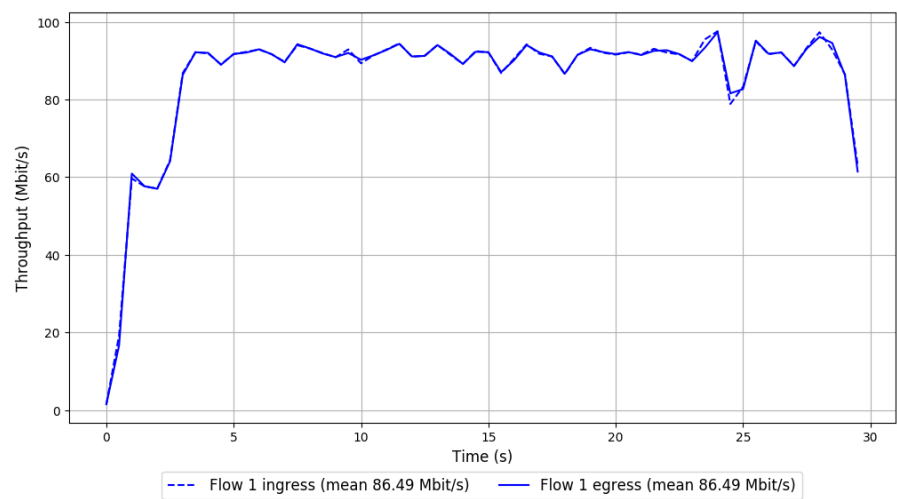


Run 2: Statistics of Vivace-latency

Start at: 2018-04-10 09:34:36
End at: 2018-04-10 09:35:06
Local clock offset: 2.042 ms
Remote clock offset: 23.902 ms

Below is generated by plot.py at 2018-04-10 16:35:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 15.950 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 15.950 ms
Loss rate: 0.07%

Run 2: Report of Vivace-latency — Data Link

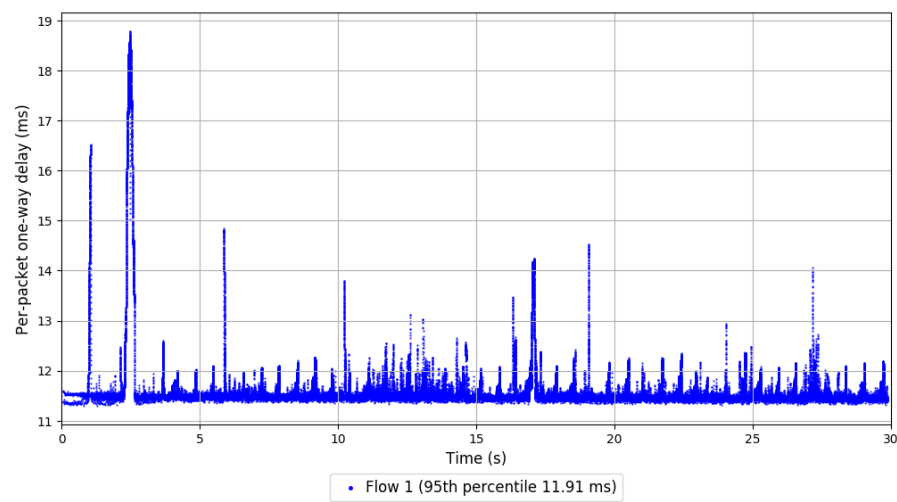
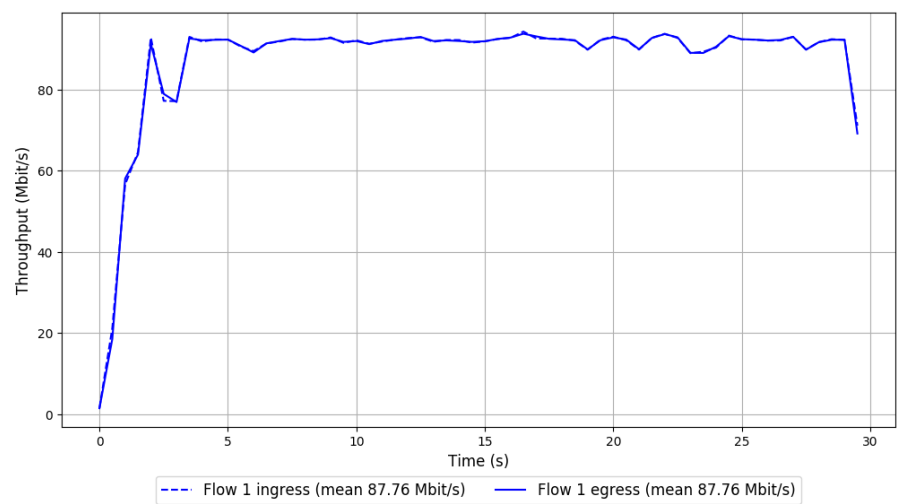


Run 3: Statistics of Vivace-latency

Start at: 2018-04-10 09:55:40
End at: 2018-04-10 09:56:10
Local clock offset: 0.604 ms
Remote clock offset: 17.394 ms

Below is generated by plot.py at 2018-04-10 16:35:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 11.914 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 11.914 ms
Loss rate: 0.08%

Run 3: Report of Vivace-latency — Data Link

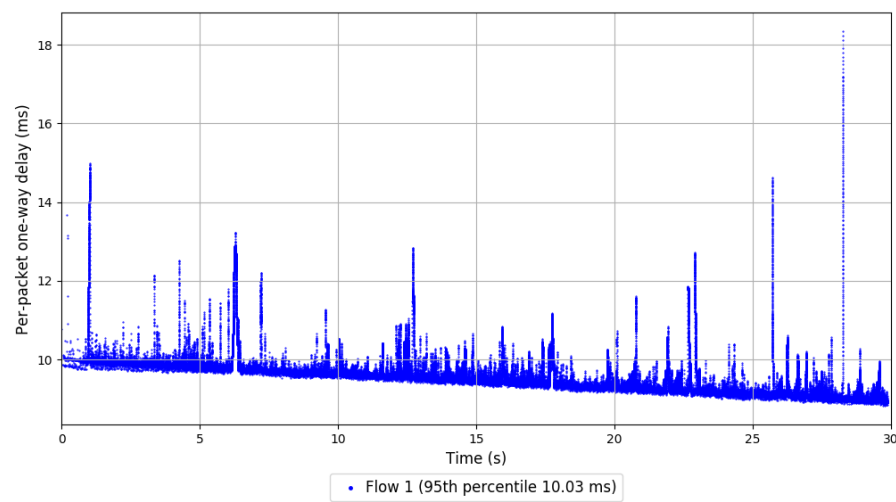
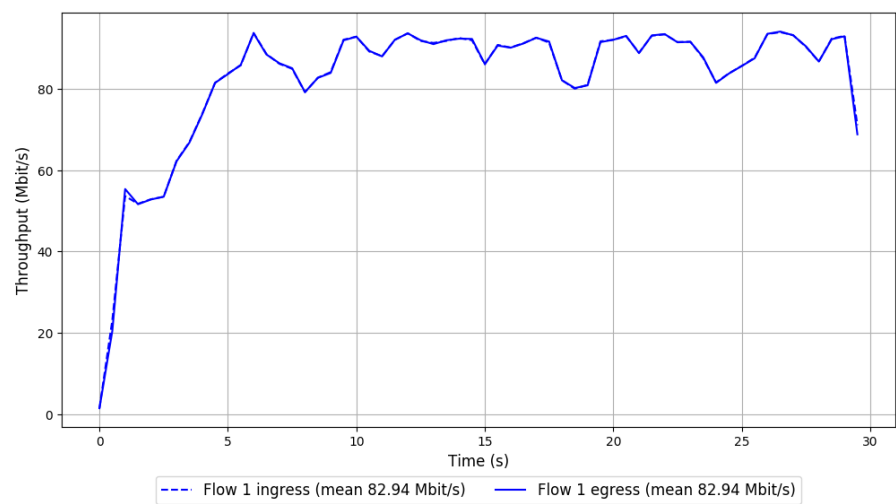


Run 4: Statistics of Vivace-latency

Start at: 2018-04-10 10:17:04
End at: 2018-04-10 10:17:34
Local clock offset: -0.536 ms
Remote clock offset: 14.565 ms

Below is generated by plot.py at 2018-04-10 16:35:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.94 Mbit/s
95th percentile per-packet one-way delay: 10.028 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 82.94 Mbit/s
95th percentile per-packet one-way delay: 10.028 ms
Loss rate: 0.08%

Run 4: Report of Vivace-latency — Data Link

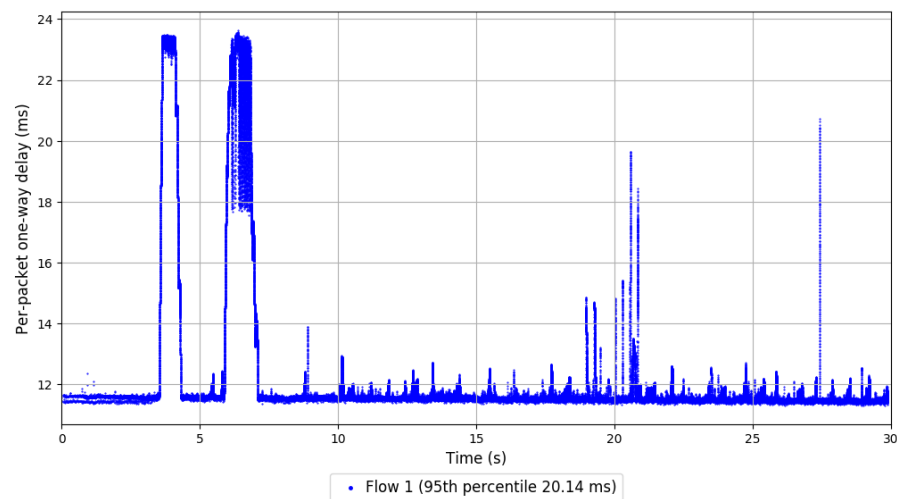
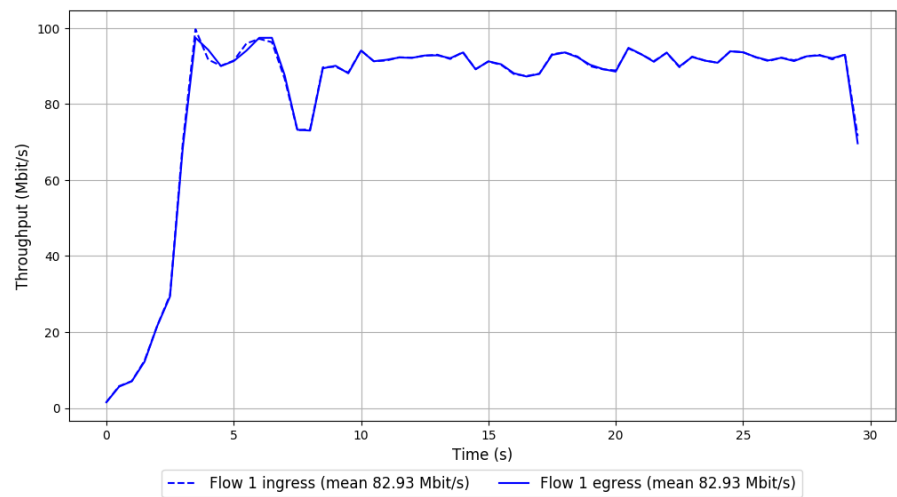


Run 5: Statistics of Vivace-latency

Start at: 2018-04-10 10:38:22
End at: 2018-04-10 10:38:52
Local clock offset: -0.071 ms
Remote clock offset: -5.258 ms

Below is generated by plot.py at 2018-04-10 16:36:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 20.143 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 82.93 Mbit/s
95th percentile per-packet one-way delay: 20.143 ms
Loss rate: 0.08%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-04-10 10:59:18

End at: 2018-04-10 10:59:48

Local clock offset: -1.334 ms

Remote clock offset: 8.332 ms

Below is generated by plot.py at 2018-04-10 16:36:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: 12.152 ms

Loss rate: 0.08%

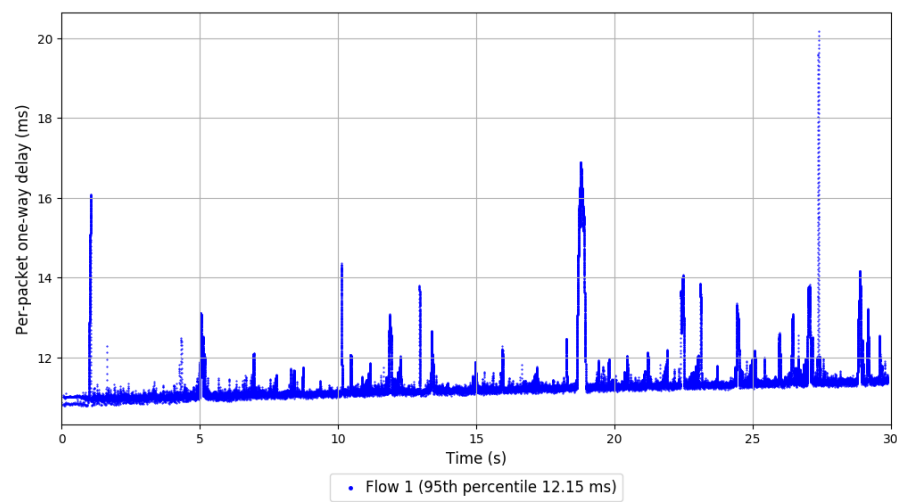
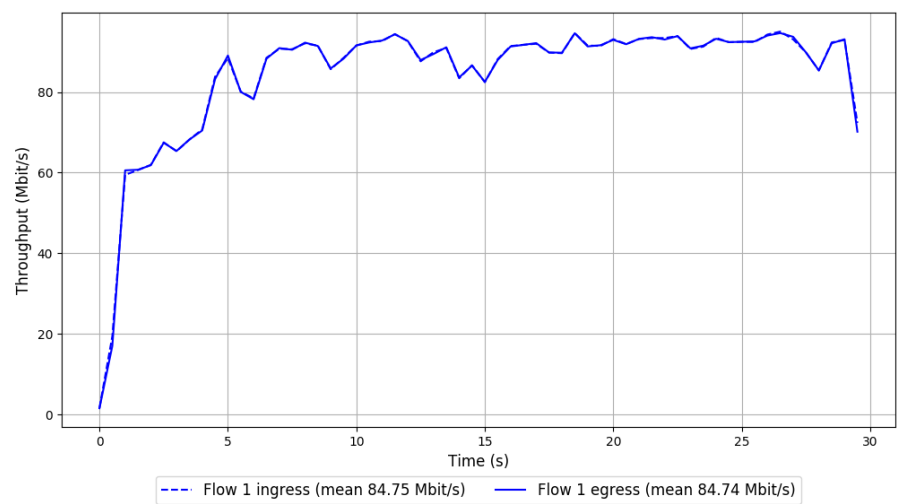
-- Flow 1:

Average throughput: 84.74 Mbit/s

95th percentile per-packet one-way delay: 12.152 ms

Loss rate: 0.08%

Run 6: Report of Vivace-latency — Data Link

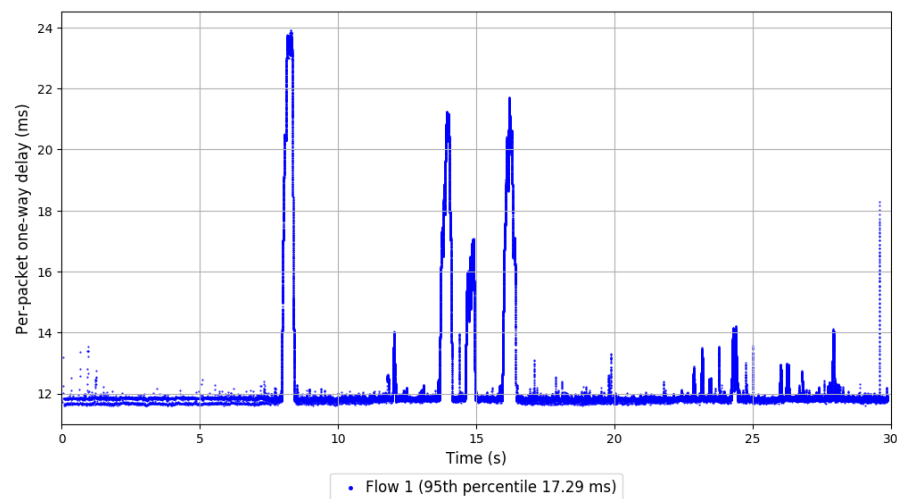
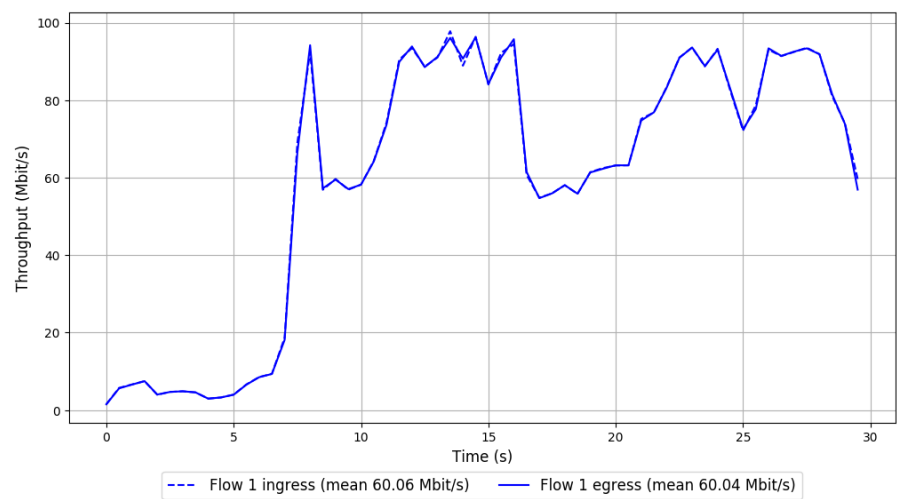


Run 7: Statistics of Vivace-latency

Start at: 2018-04-10 11:20:41
End at: 2018-04-10 11:21:11
Local clock offset: -1.002 ms
Remote clock offset: 17.141 ms

Below is generated by plot.py at 2018-04-10 16:36:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.04 Mbit/s
95th percentile per-packet one-way delay: 17.285 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 60.04 Mbit/s
95th percentile per-packet one-way delay: 17.285 ms
Loss rate: 0.13%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-04-10 11:41:38

End at: 2018-04-10 11:42:08

Local clock offset: 0.868 ms

Remote clock offset: 2.301 ms

Below is generated by plot.py at 2018-04-10 16:36:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.28 Mbit/s

95th percentile per-packet one-way delay: 10.845 ms

Loss rate: 0.08%

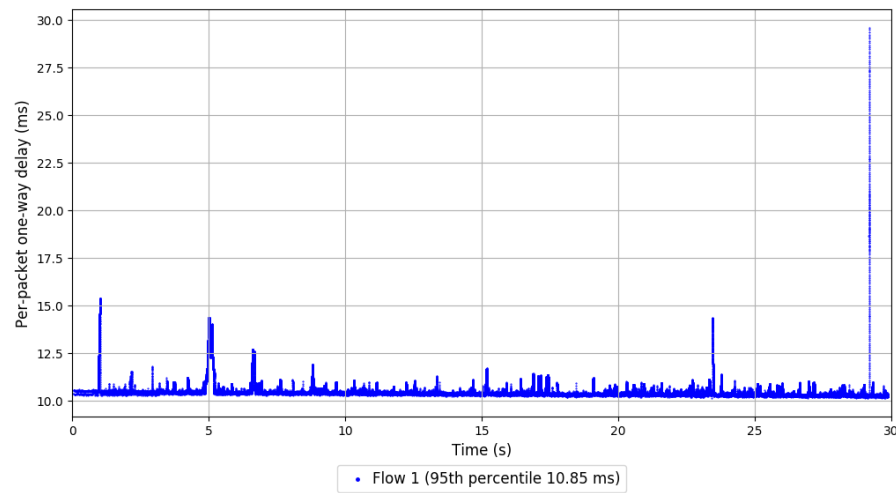
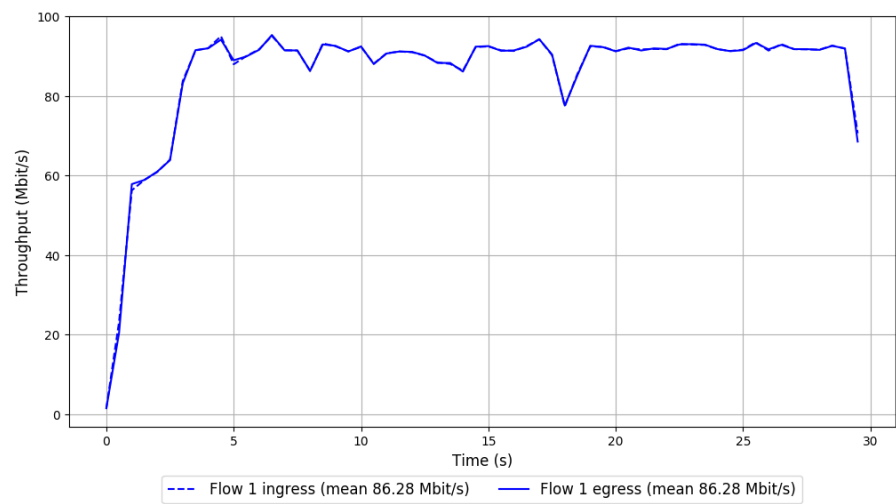
-- Flow 1:

Average throughput: 86.28 Mbit/s

95th percentile per-packet one-way delay: 10.845 ms

Loss rate: 0.08%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-04-10 12:02:50

End at: 2018-04-10 12:03:20

Local clock offset: 0.617 ms

Remote clock offset: 7.189 ms

Below is generated by plot.py at 2018-04-10 16:36:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.13 Mbit/s

95th percentile per-packet one-way delay: 12.698 ms

Loss rate: 0.10%

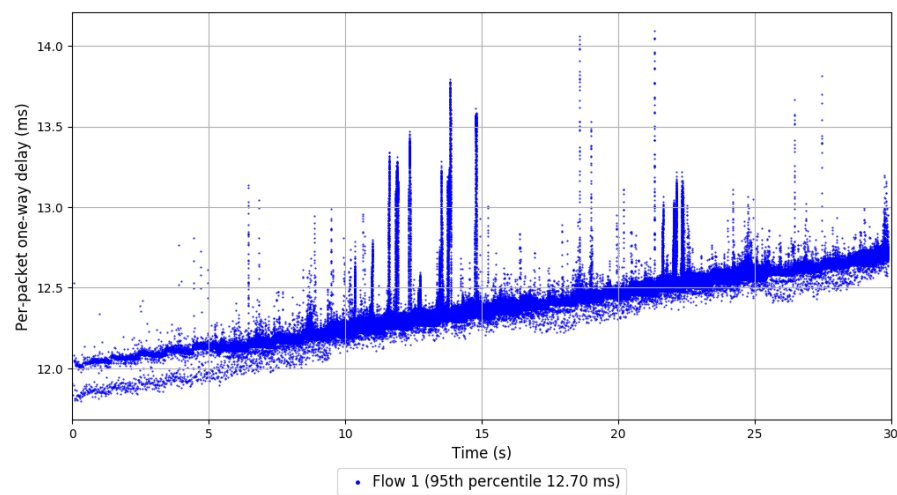
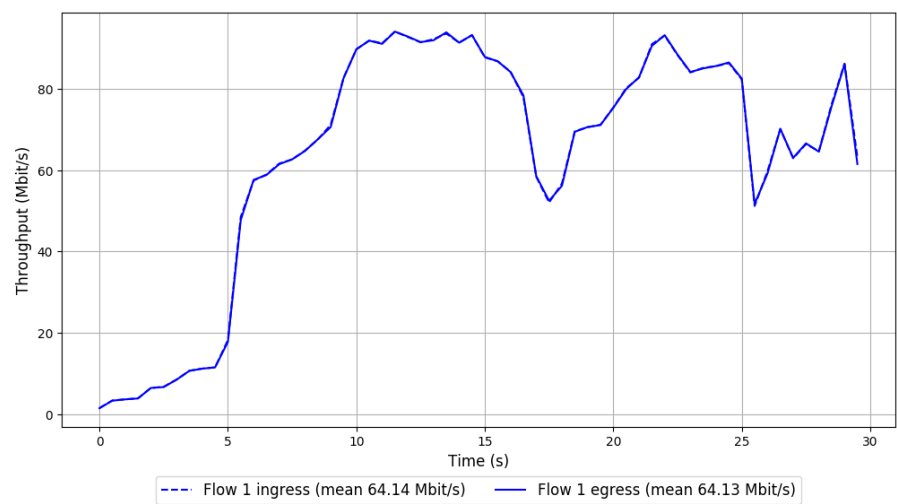
-- Flow 1:

Average throughput: 64.13 Mbit/s

95th percentile per-packet one-way delay: 12.698 ms

Loss rate: 0.10%

Run 9: Report of Vivace-latency — Data Link

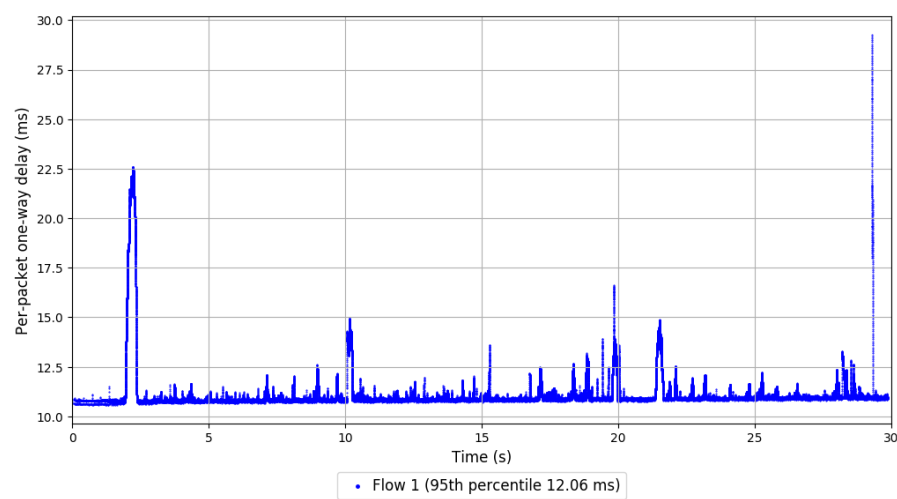
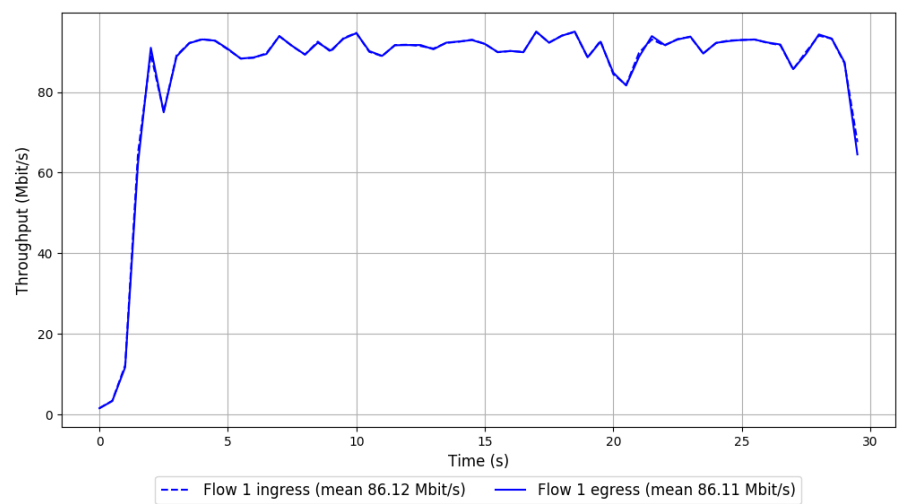


Run 10: Statistics of Vivace-latency

Start at: 2018-04-10 12:23:53
End at: 2018-04-10 12:24:23
Local clock offset: -0.803 ms
Remote clock offset: 22.015 ms

Below is generated by plot.py at 2018-04-10 16:36:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.11 Mbit/s
95th percentile per-packet one-way delay: 12.064 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 86.11 Mbit/s
95th percentile per-packet one-way delay: 12.064 ms
Loss rate: 0.09%

Run 10: Report of Vivace-latency — Data Link

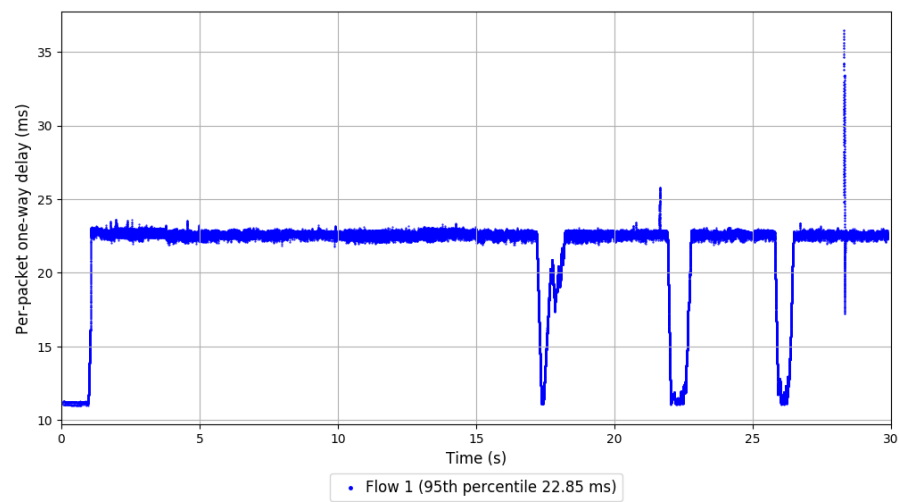
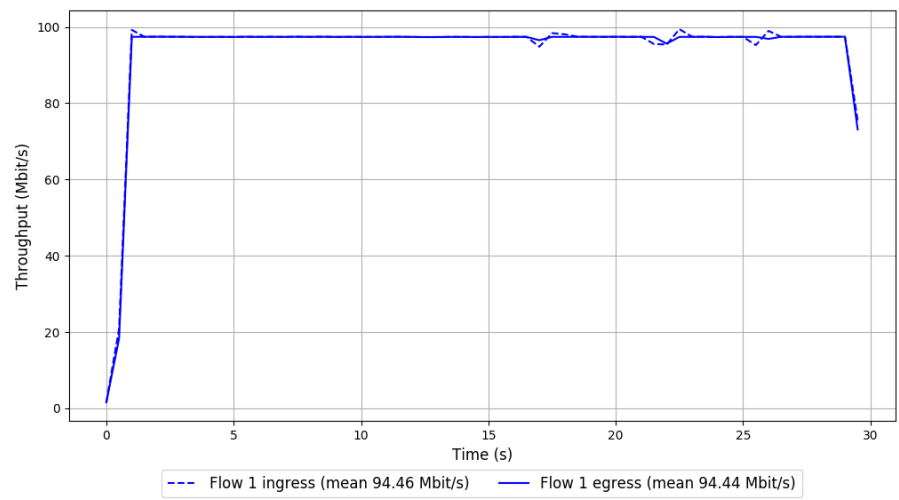


```
Run 1: Statistics of Vivace-loss

Start at: 2018-04-10 09:01:50
End at: 2018-04-10 09:02:20
Local clock offset: -0.598 ms
Remote clock offset: -4.33 ms

# Below is generated by plot.py at 2018-04-10 16:36:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 22.847 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 22.847 ms
Loss rate: 0.12%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-04-10 09:22:52

End at: 2018-04-10 09:23:22

Local clock offset: 1.244 ms

Remote clock offset: 17.805 ms

Below is generated by plot.py at 2018-04-10 16:37:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 32.584 ms

Loss rate: 0.12%

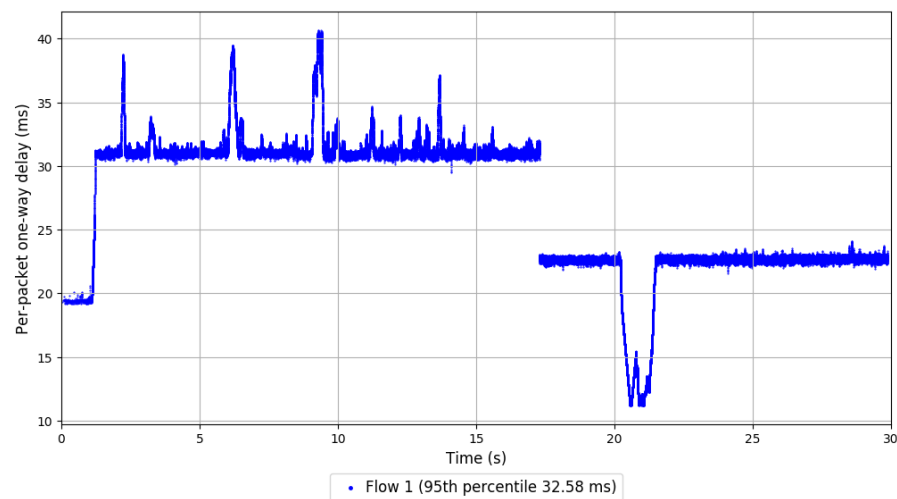
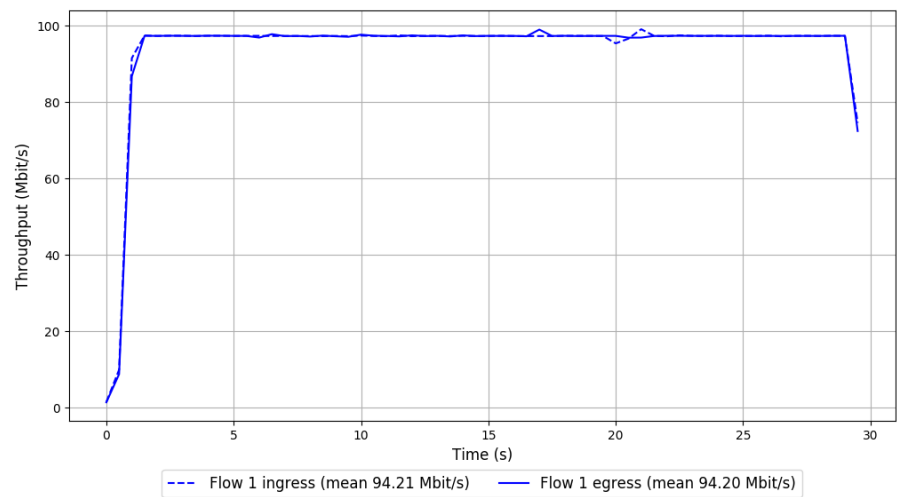
-- Flow 1:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 32.584 ms

Loss rate: 0.12%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-04-10 09:43:57

End at: 2018-04-10 09:44:27

Local clock offset: 0.612 ms

Remote clock offset: 23.948 ms

Below is generated by plot.py at 2018-04-10 16:37:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 21.857 ms

Loss rate: 0.12%

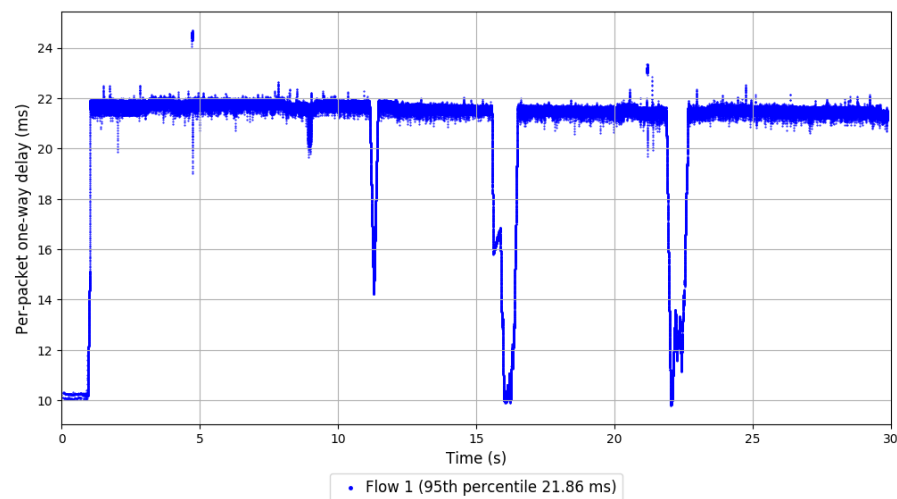
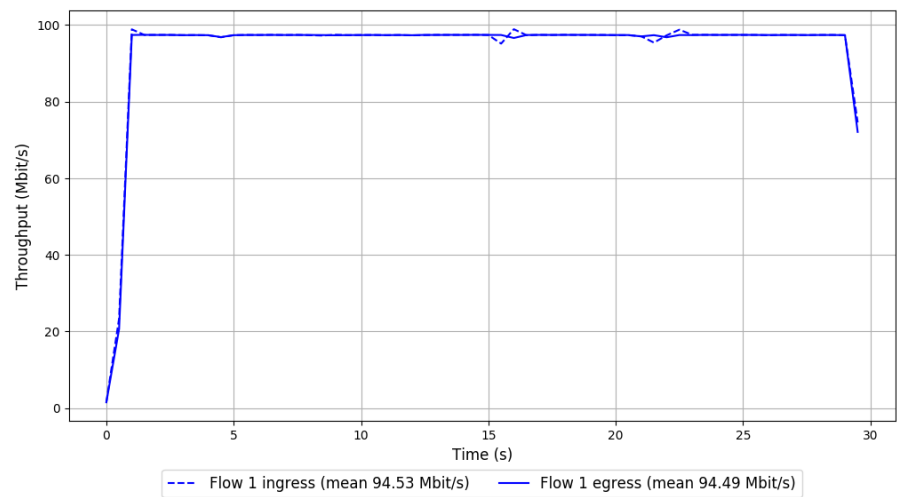
-- Flow 1:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 21.857 ms

Loss rate: 0.12%

Run 3: Report of Vivace-loss — Data Link

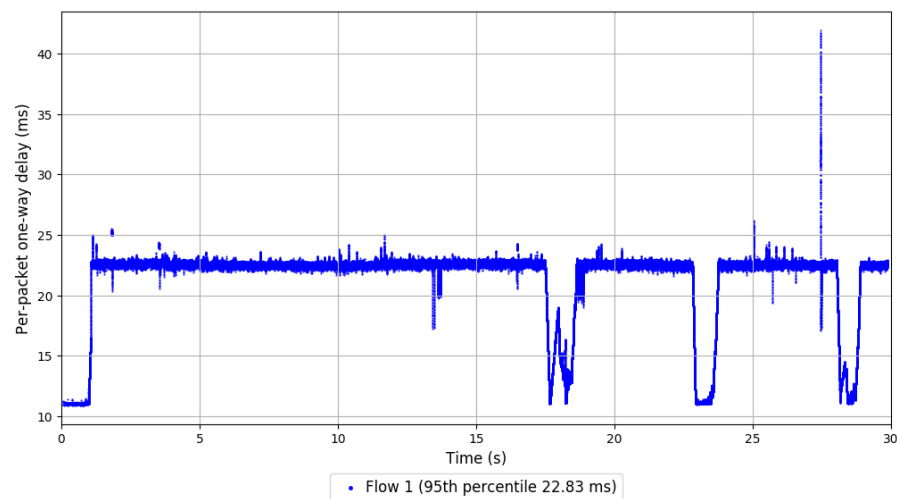
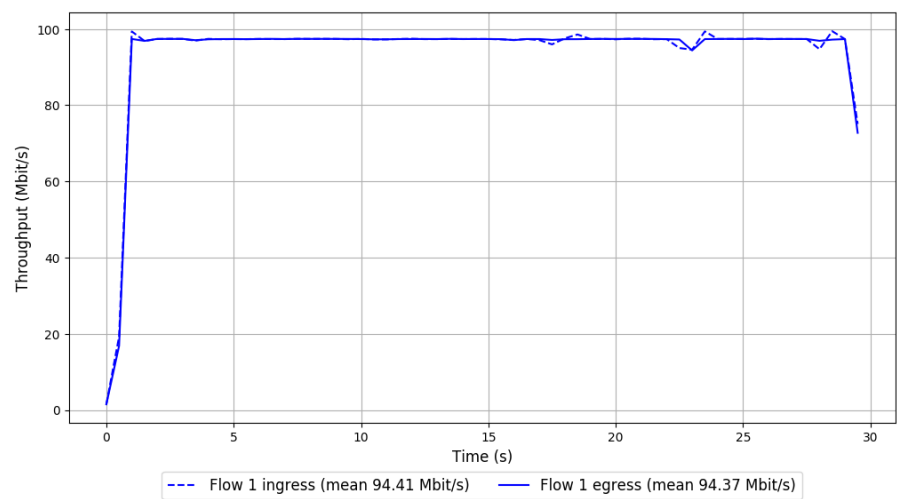


Run 4: Statistics of Vivace-loss

Start at: 2018-04-10 10:05:08
End at: 2018-04-10 10:05:38
Local clock offset: 0.518 ms
Remote clock offset: 17.598 ms

Below is generated by plot.py at 2018-04-10 16:37:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 22.830 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 22.830 ms
Loss rate: 0.12%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

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

End at: 2018-04-10 10:27:07

Local clock offset: -0.211 ms

Remote clock offset: 1.557 ms

Below is generated by plot.py at 2018-04-10 16:37:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 22.180 ms

Loss rate: 0.12%

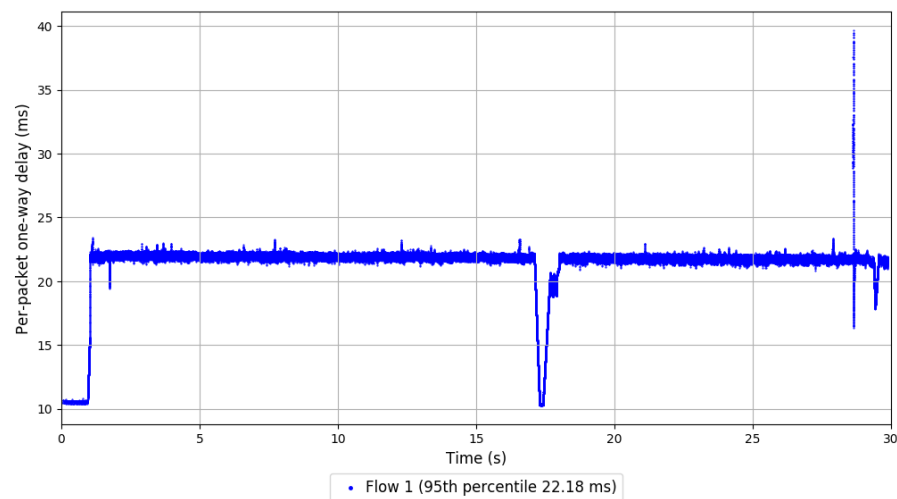
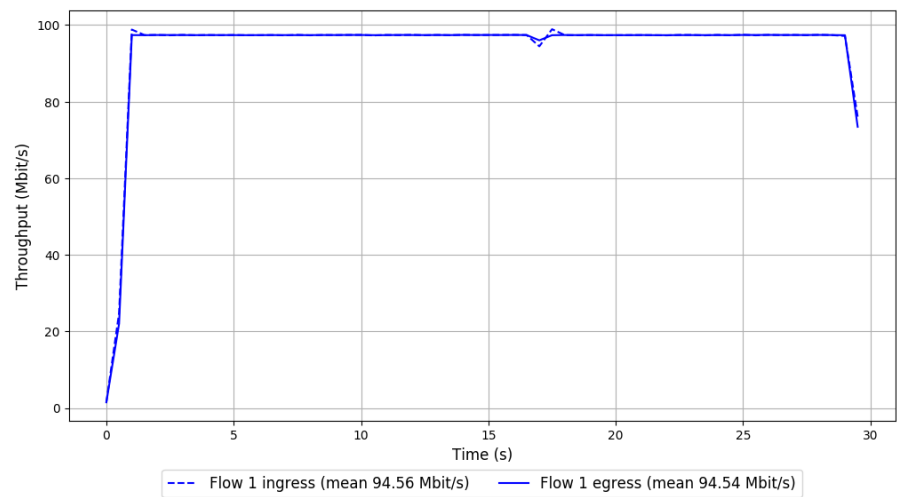
-- Flow 1:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 22.180 ms

Loss rate: 0.12%

Run 5: Report of Vivace-loss — Data Link

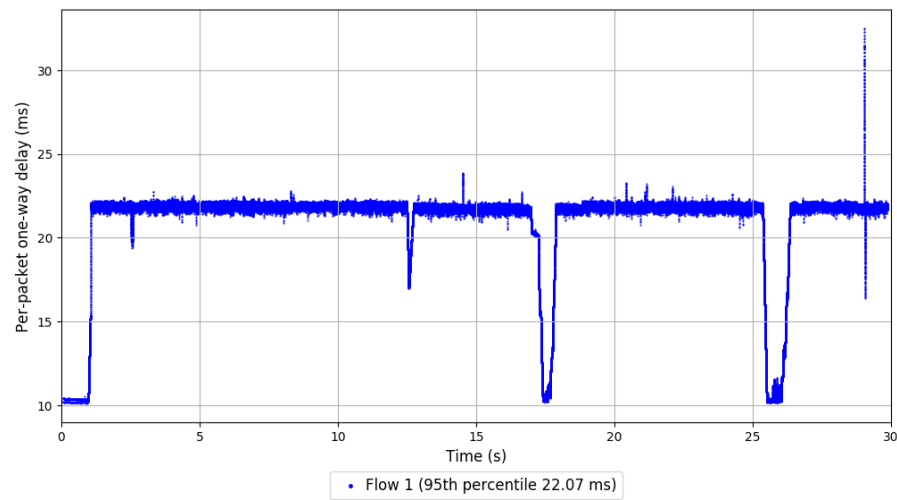
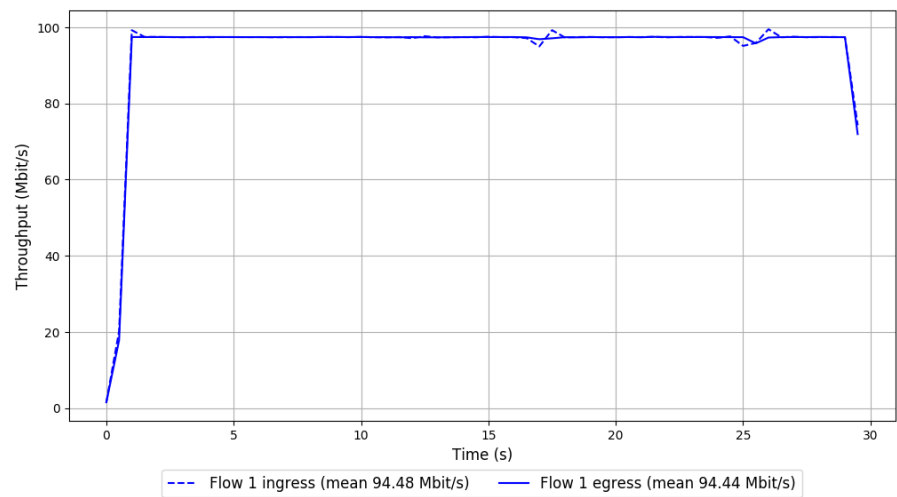


Run 6: Statistics of Vivace-loss

Start at: 2018-04-10 10:47:33
End at: 2018-04-10 10:48:03
Local clock offset: -0.078 ms
Remote clock offset: -6.191 ms

Below is generated by plot.py at 2018-04-10 16:37:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 22.066 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 22.066 ms
Loss rate: 0.12%

Run 6: Report of Vivace-loss — Data Link

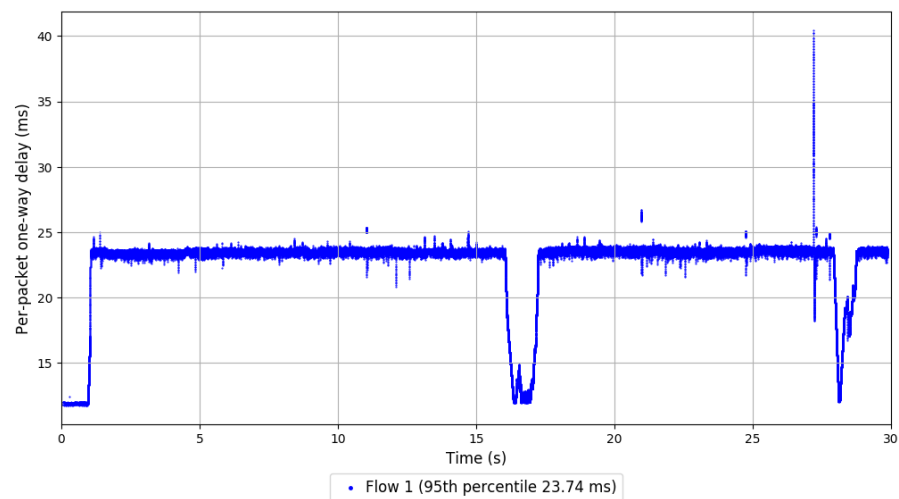
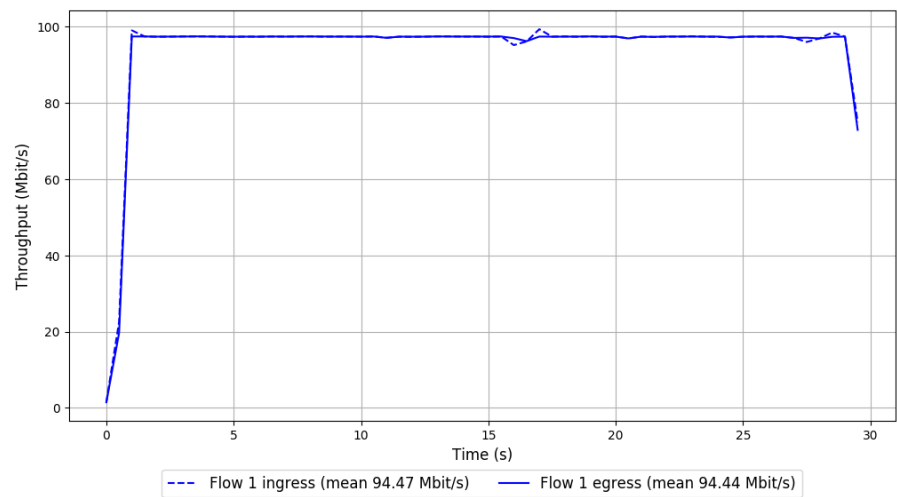


Run 7: Statistics of Vivace-loss

Start at: 2018-04-10 11:08:47
End at: 2018-04-10 11:09:17
Local clock offset: -0.65 ms
Remote clock offset: 14.177 ms

Below is generated by plot.py at 2018-04-10 16:37:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 23.743 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.44 Mbit/s
95th percentile per-packet one-way delay: 23.743 ms
Loss rate: 0.12%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-04-10 11:29:55

End at: 2018-04-10 11:30:25

Local clock offset: 0.582 ms

Remote clock offset: 9.581 ms

Below is generated by plot.py at 2018-04-10 16:38:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 22.358 ms

Loss rate: 0.12%

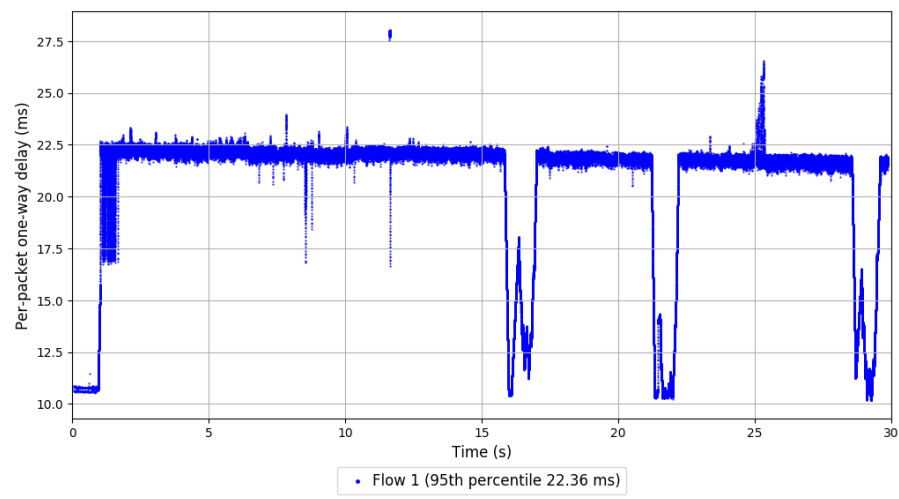
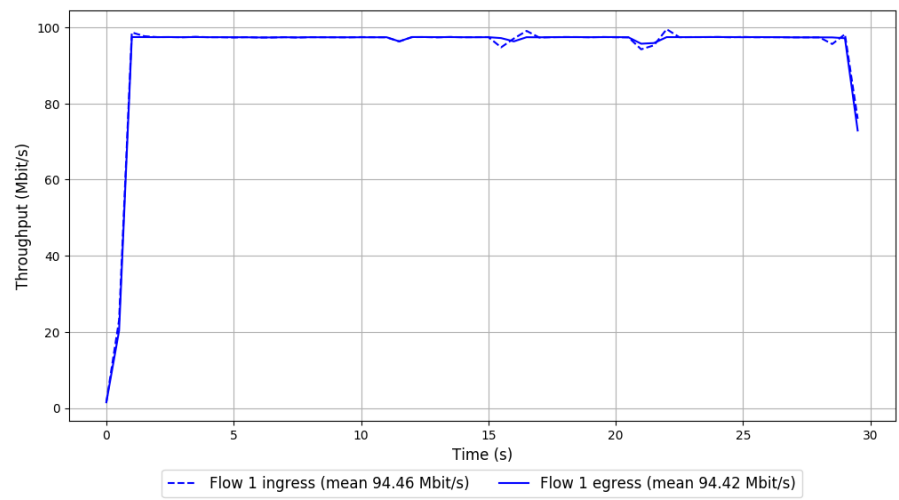
-- Flow 1:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 22.358 ms

Loss rate: 0.12%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-04-10 11:51:06

End at: 2018-04-10 11:51:36

Local clock offset: 1.468 ms

Remote clock offset: 0.629 ms

Below is generated by plot.py at 2018-04-10 16:38:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.24 Mbit/s

95th percentile per-packet one-way delay: 21.698 ms

Loss rate: 0.12%

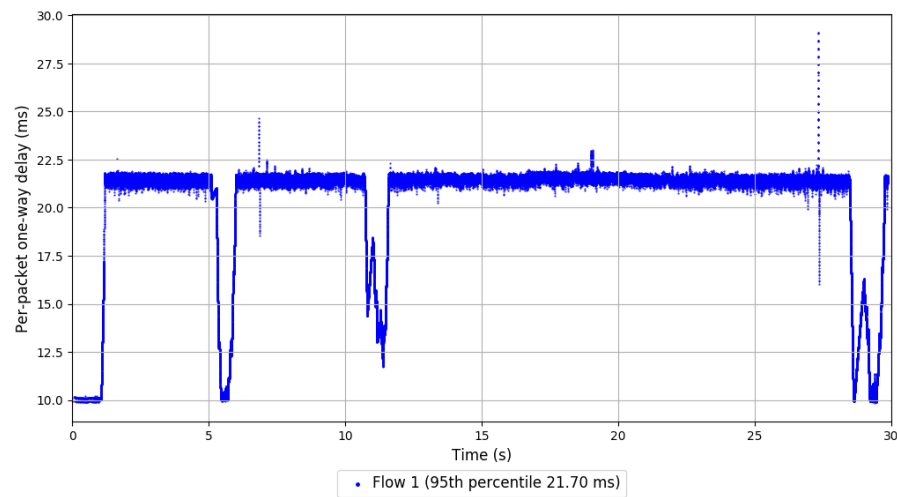
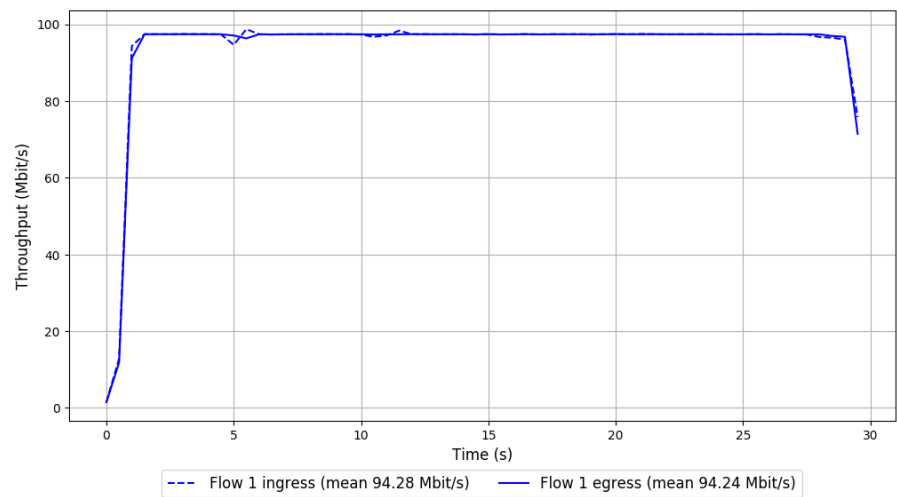
-- Flow 1:

Average throughput: 94.24 Mbit/s

95th percentile per-packet one-way delay: 21.698 ms

Loss rate: 0.12%

Run 9: Report of Vivace-loss — Data Link

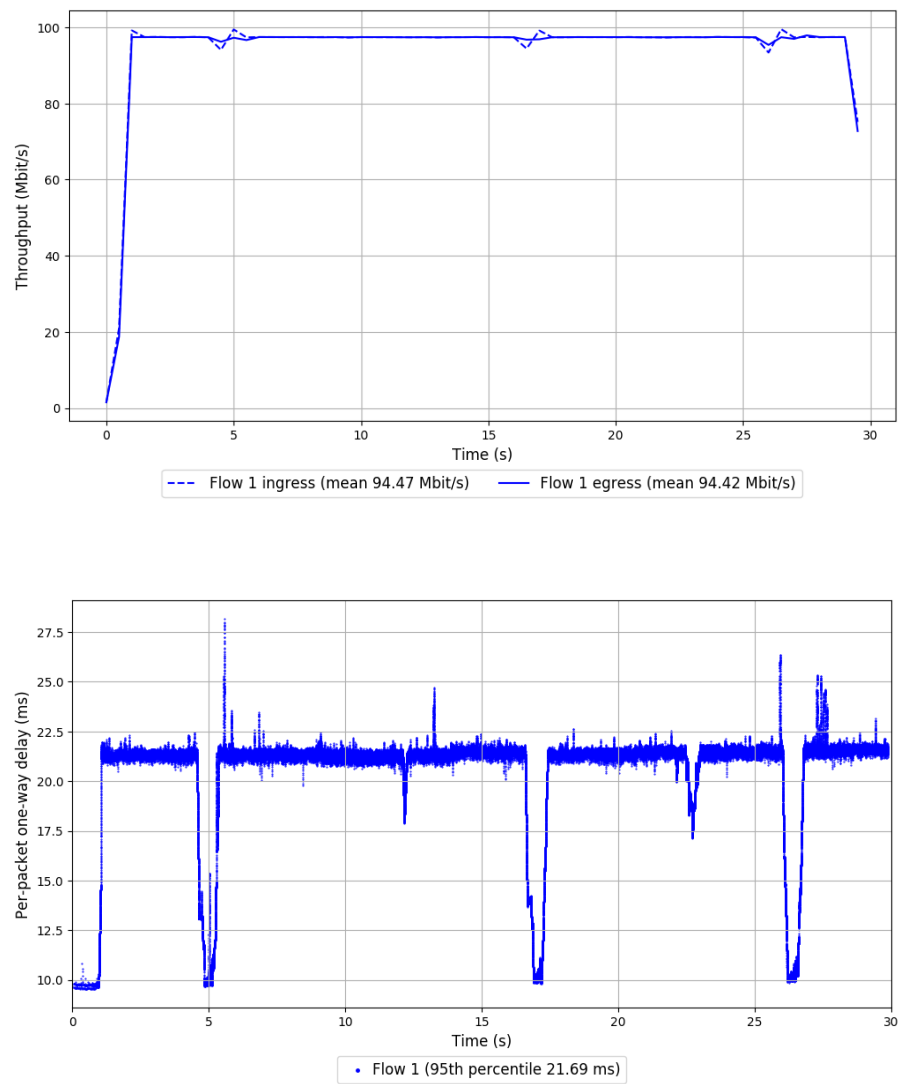


Run 10: Statistics of Vivace-loss

Start at: 2018-04-10 12:12:08
End at: 2018-04-10 12:12:38
Local clock offset: -0.848 ms
Remote clock offset: 17.262 ms

Below is generated by plot.py at 2018-04-10 16:38:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 21.692 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 21.692 ms
Loss rate: 0.13%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-04-10 09:05:20

End at: 2018-04-10 09:05:50

Local clock offset: -0.17 ms

Remote clock offset: -3.812 ms

Below is generated by plot.py at 2018-04-10 16:38:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 13.739 ms

Loss rate: 0.08%

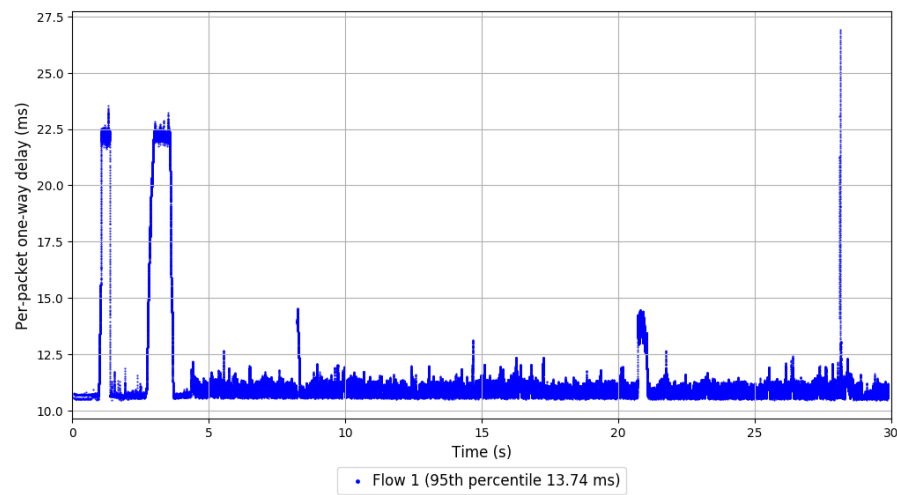
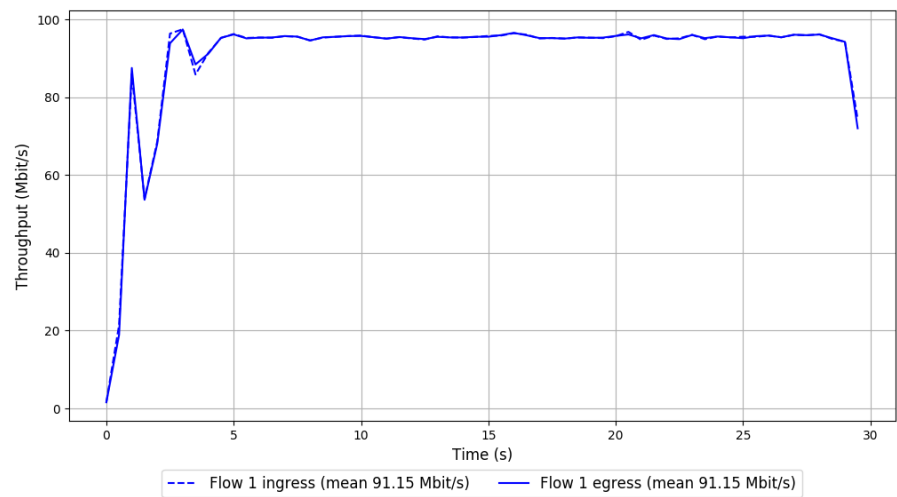
-- Flow 1:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 13.739 ms

Loss rate: 0.08%

Run 1: Report of Vivace-LTE — Data Link

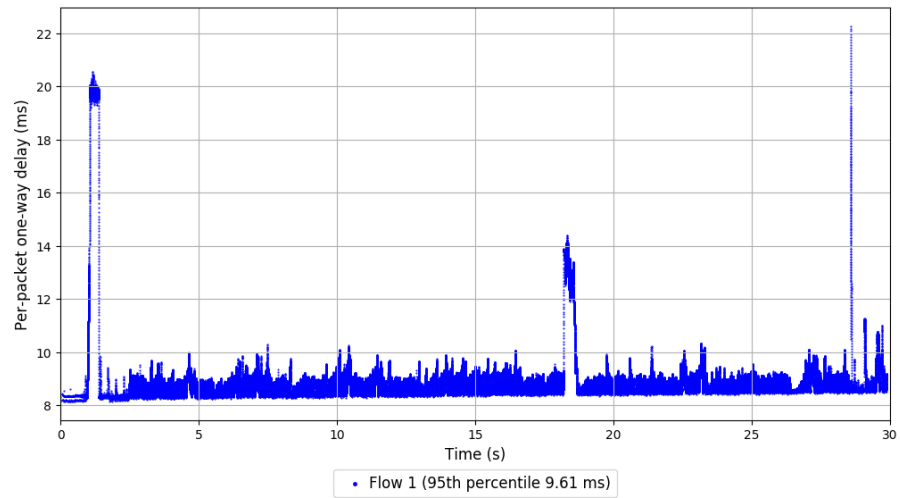
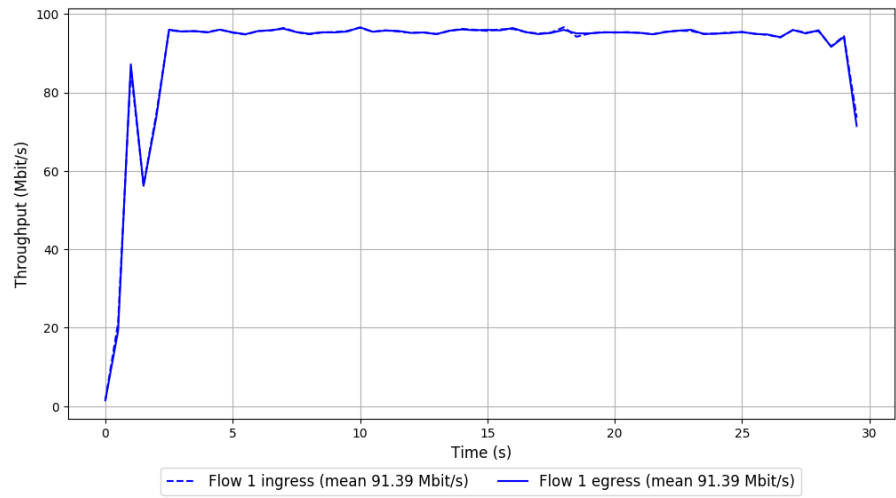


Run 2: Statistics of Vivace-LTE

Start at: 2018-04-10 09:26:20
End at: 2018-04-10 09:26:50
Local clock offset: -4.346 ms
Remote clock offset: 16.966 ms

Below is generated by plot.py at 2018-04-10 16:39:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 9.606 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 9.606 ms
Loss rate: 0.07%

Run 2: Report of Vivace-LTE — Data Link

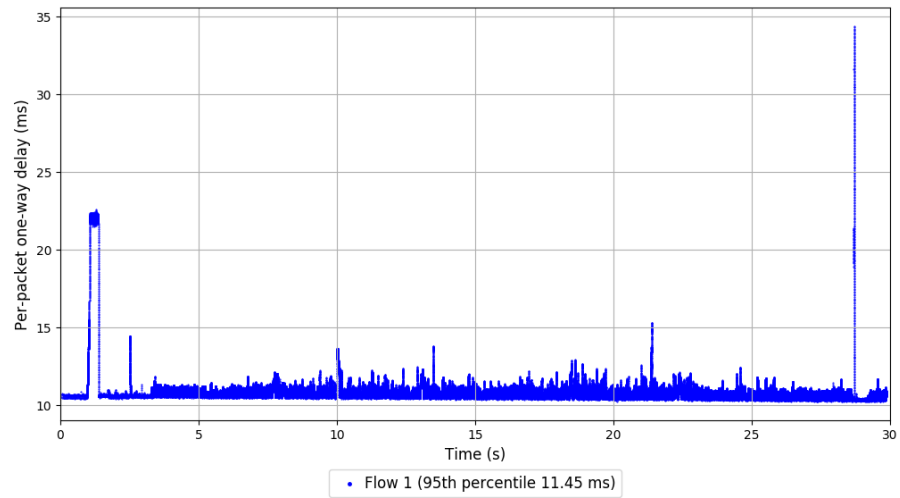
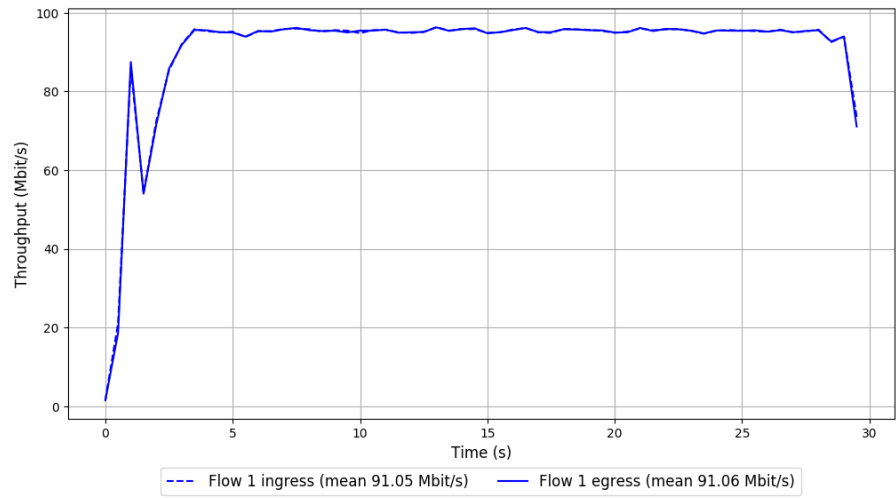


Run 3: Statistics of Vivace-LTE

Start at: 2018-04-10 09:47:30
End at: 2018-04-10 09:48:00
Local clock offset: 0.139 ms
Remote clock offset: 20.483 ms

Below is generated by plot.py at 2018-04-10 16:39:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.06 Mbit/s
95th percentile per-packet one-way delay: 11.449 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.06 Mbit/s
95th percentile per-packet one-way delay: 11.449 ms
Loss rate: 0.08%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-04-10 10:08:42

End at: 2018-04-10 10:09:12

Local clock offset: 0.67 ms

Remote clock offset: 17.27 ms

Below is generated by plot.py at 2018-04-10 16:39:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.53 Mbit/s

95th percentile per-packet one-way delay: 18.195 ms

Loss rate: 0.08%

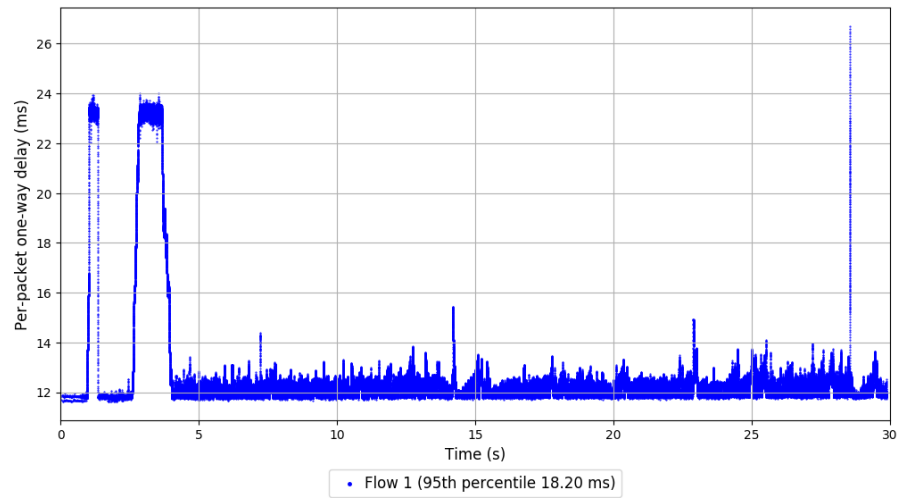
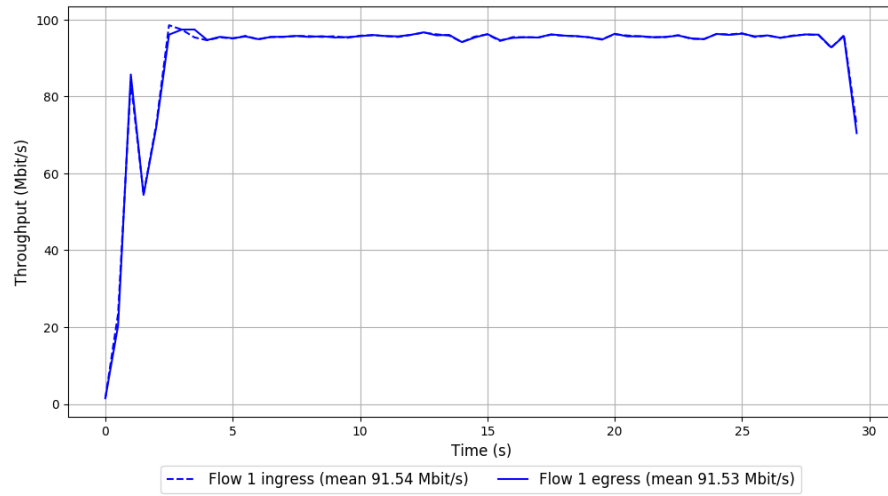
-- Flow 1:

Average throughput: 91.53 Mbit/s

95th percentile per-packet one-way delay: 18.195 ms

Loss rate: 0.08%

Run 4: Report of Vivace-LTE — Data Link

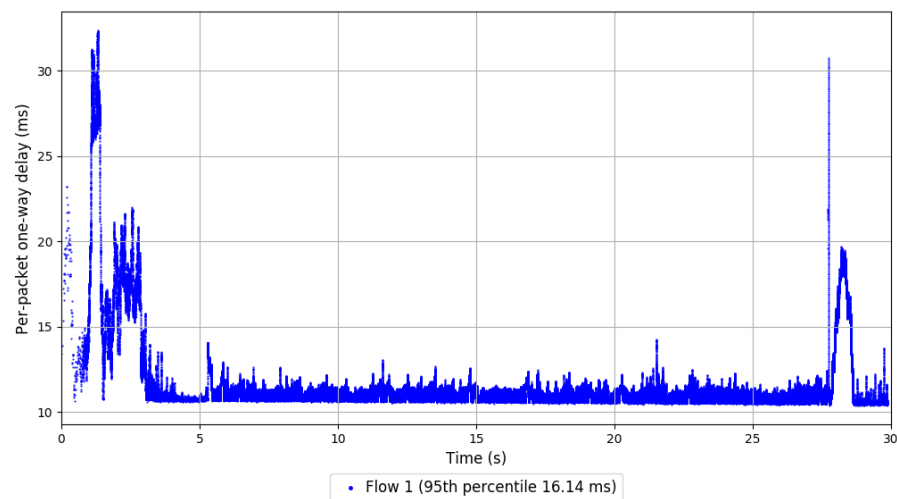
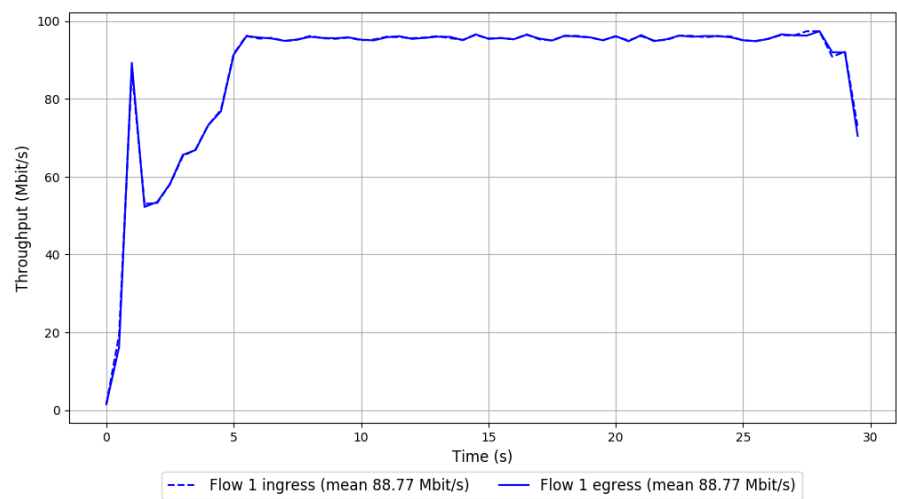


Run 5: Statistics of Vivace-LTE

Start at: 2018-04-10 10:30:08
End at: 2018-04-10 10:30:38
Local clock offset: 0.433 ms
Remote clock offset: -0.348 ms

Below is generated by plot.py at 2018-04-10 16:39:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 16.144 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 16.144 ms
Loss rate: 0.08%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-04-10 10:51:01

End at: 2018-04-10 10:51:31

Local clock offset: -0.914 ms

Remote clock offset: -3.77 ms

Below is generated by plot.py at 2018-04-10 16:39:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 13.406 ms

Loss rate: 0.08%

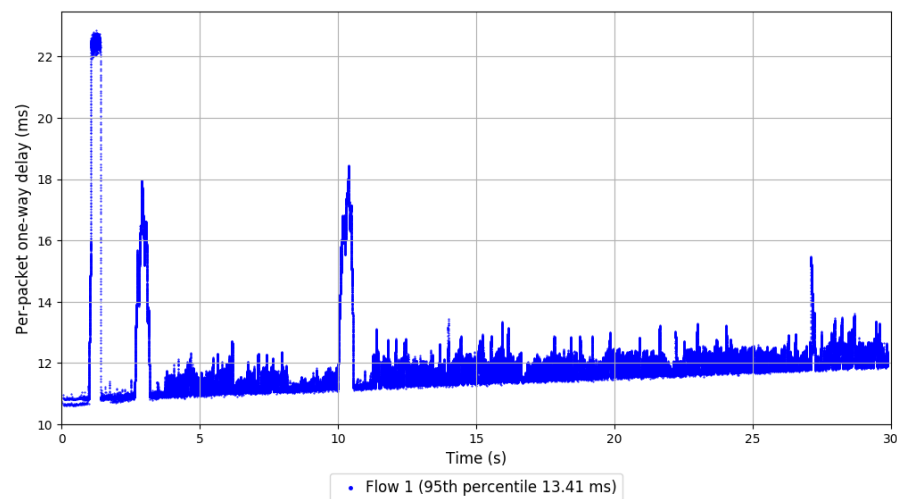
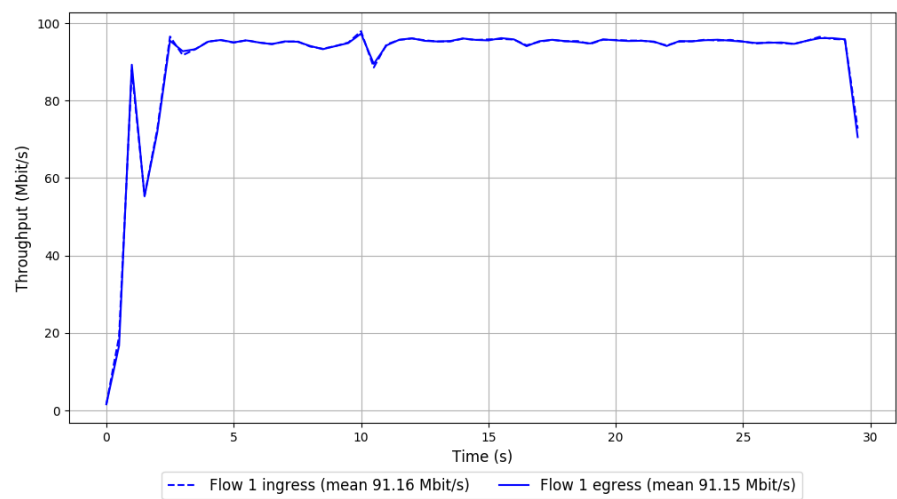
-- Flow 1:

Average throughput: 91.15 Mbit/s

95th percentile per-packet one-way delay: 13.406 ms

Loss rate: 0.08%

Run 6: Report of Vivace-LTE — Data Link

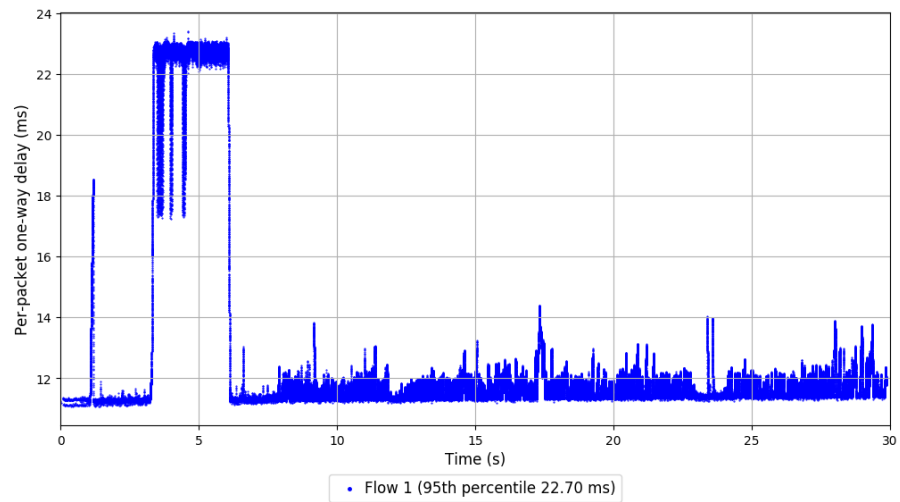
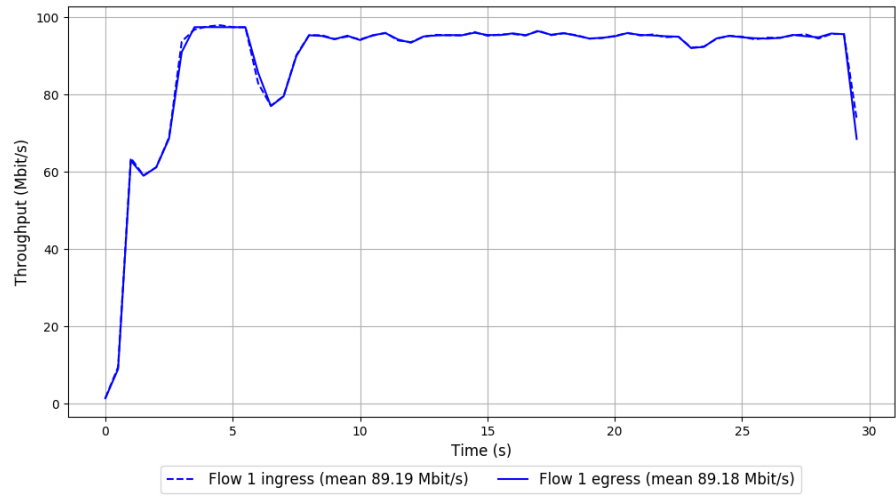


Run 7: Statistics of Vivace-LTE

Start at: 2018-04-10 11:12:24
End at: 2018-04-10 11:12:54
Local clock offset: -1.842 ms
Remote clock offset: 15.034 ms

Below is generated by plot.py at 2018-04-10 16:39:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 22.695 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 22.695 ms
Loss rate: 0.14%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-04-10 11:33:24

End at: 2018-04-10 11:33:54

Local clock offset: 0.939 ms

Remote clock offset: 5.189 ms

Below is generated by plot.py at 2018-04-10 16:39:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.17 Mbit/s

95th percentile per-packet one-way delay: 13.024 ms

Loss rate: 0.08%

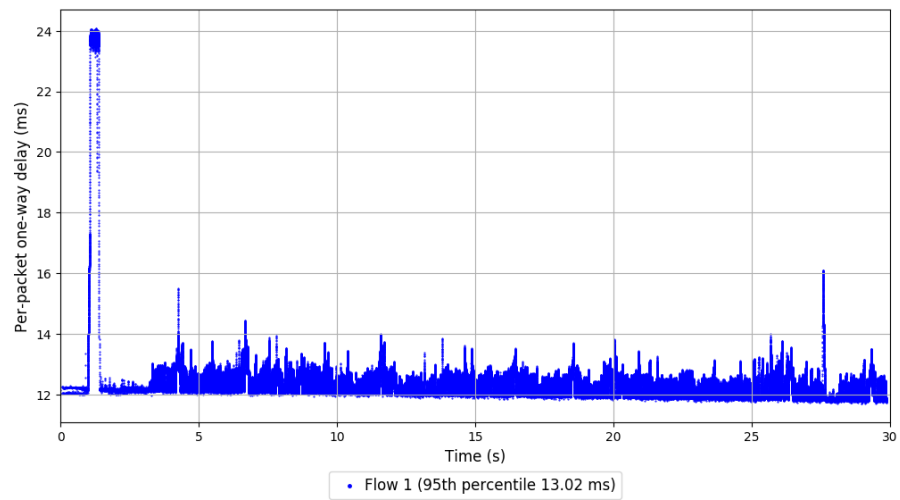
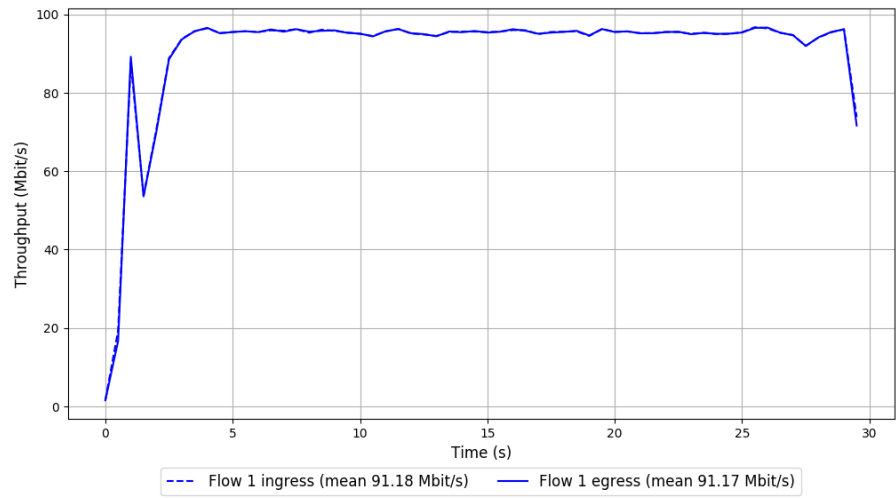
-- Flow 1:

Average throughput: 91.17 Mbit/s

95th percentile per-packet one-way delay: 13.024 ms

Loss rate: 0.08%

Run 8: Report of Vivace-LTE — Data Link

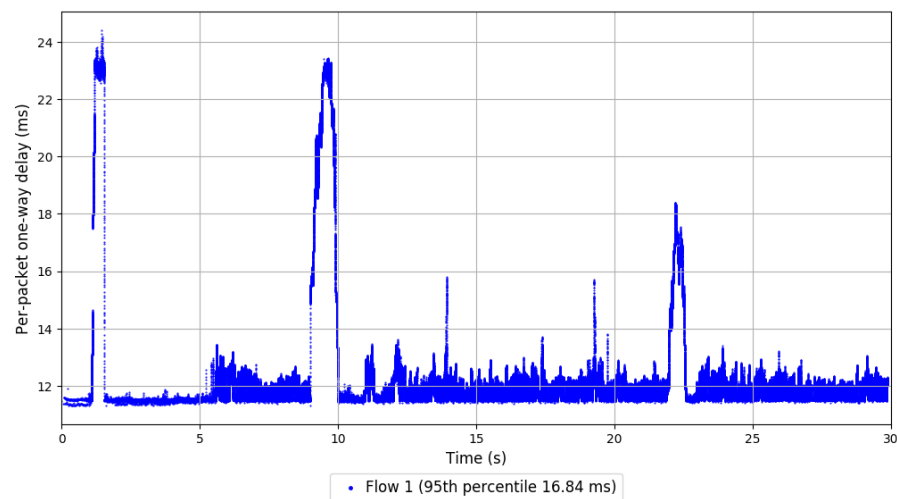
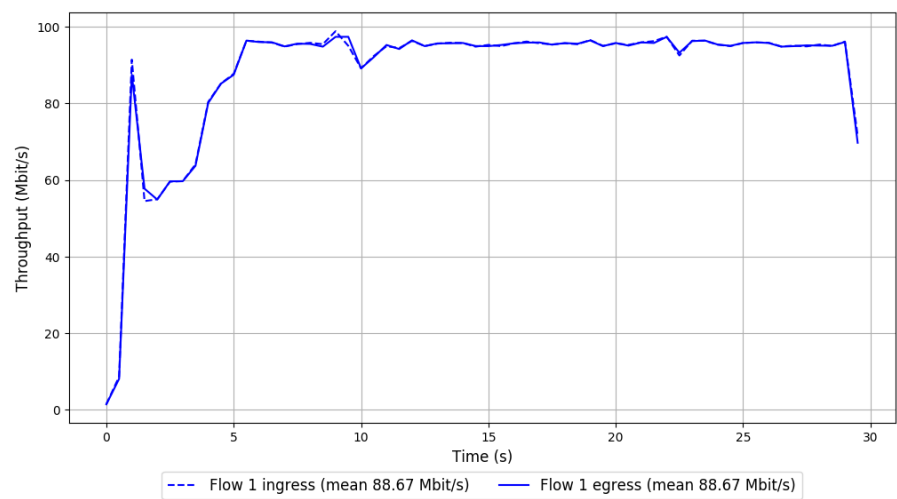


Run 9: Statistics of Vivace-LTE

Start at: 2018-04-10 11:54:37
End at: 2018-04-10 11:55:07
Local clock offset: -4.036 ms
Remote clock offset: -6.698 ms

Below is generated by plot.py at 2018-04-10 16:39:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 16.841 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 16.841 ms
Loss rate: 0.08%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-04-10 12:15:40
End at: 2018-04-10 12:16:10
Local clock offset: -0.257 ms
Remote clock offset: 18.872 ms

Below is generated by plot.py at 2018-04-10 16:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 13.289 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 13.289 ms
Loss rate: 0.08%

Run 10: Report of Vivace-LTE — Data Link

