

Pantheon Report

Generated at 2018-01-25 12:41:10 (UTC).

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

Repeated the test of 15 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).

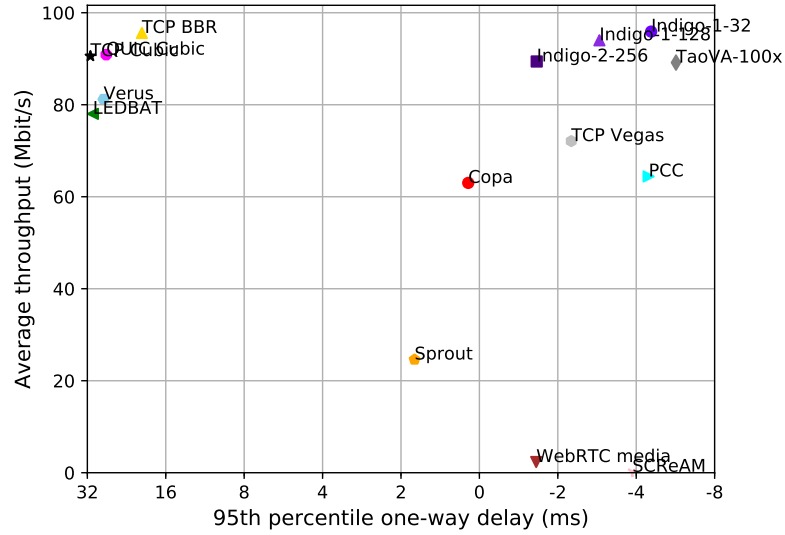
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

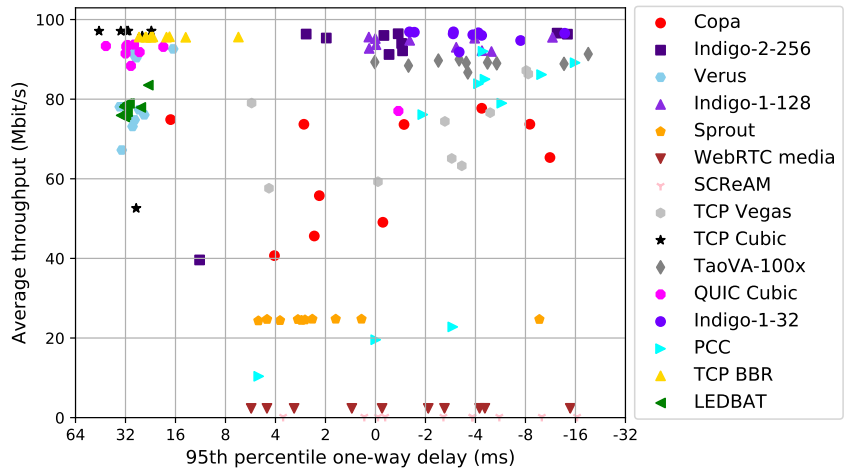
Git summary:

```
branch: master @ 636f858be90392c1dac0ee13c40fd1646f45f9e2
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme



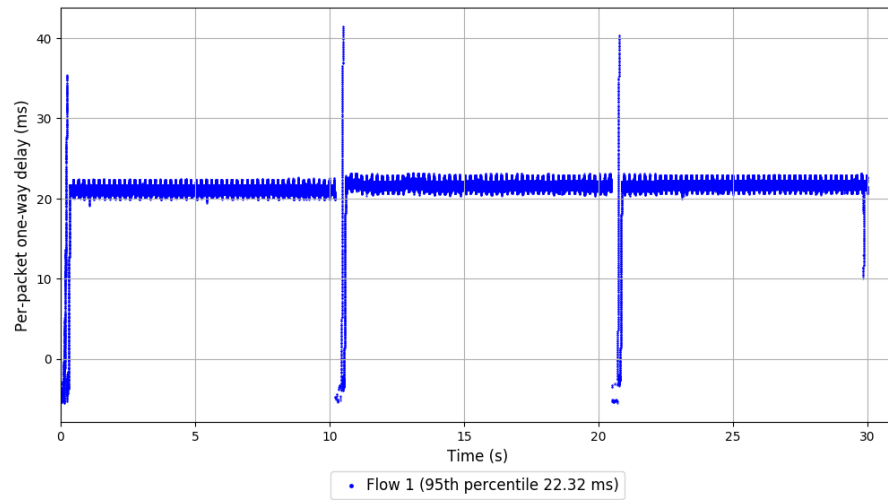
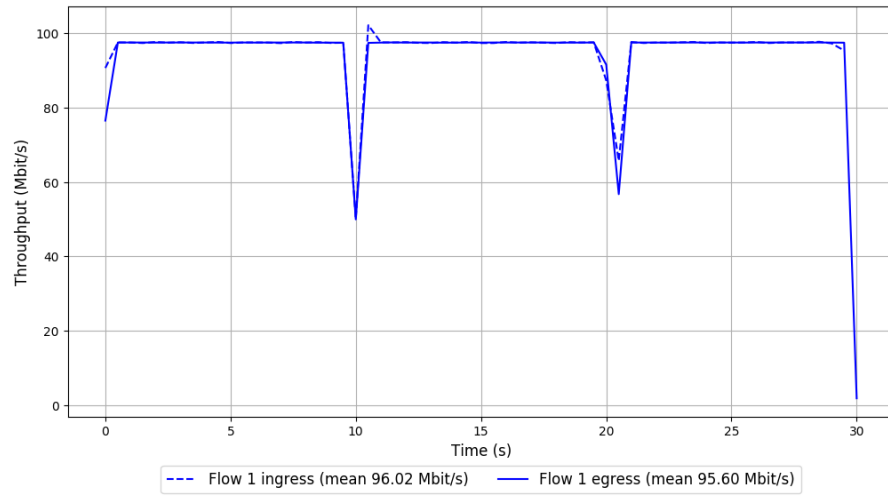
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.60	19.76	0.45
TCP Cubic	7	90.58	31.14	0.39
LEDBAT	10	78.02	30.48	0.22
PCC	10	64.41	-4.46	0.48
QUIC Cubic	10	90.89	27.08	0.35
SCReAM	10	0.21	-3.86	0.01
WebRTC media	10	2.33	-1.45	0.00
Sprout	10	24.61	1.65	0.00
TaoVA-100x	10	89.16	-5.69	0.00
TCP Vegas	9	72.09	-2.25	0.11
Verus	10	81.19	27.74	15.64
Copa	10	63.01	0.28	0.00
Indigo-2-256	10	89.40	-1.46	0.00
Indigo-1-32	10	95.90	-4.56	0.00
Indigo-1-128	10	94.01	-2.89	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-01-25 08:57:33
End at: 2018-01-25 08:58:03
Local clock offset: 1.017 ms
Remote clock offset: -16.375 ms

Below is generated by plot.py at 2018-01-25 12:21:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 22.321 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 22.321 ms
Loss rate: 0.35%

Run 1: Report of TCP BBR — Data Link

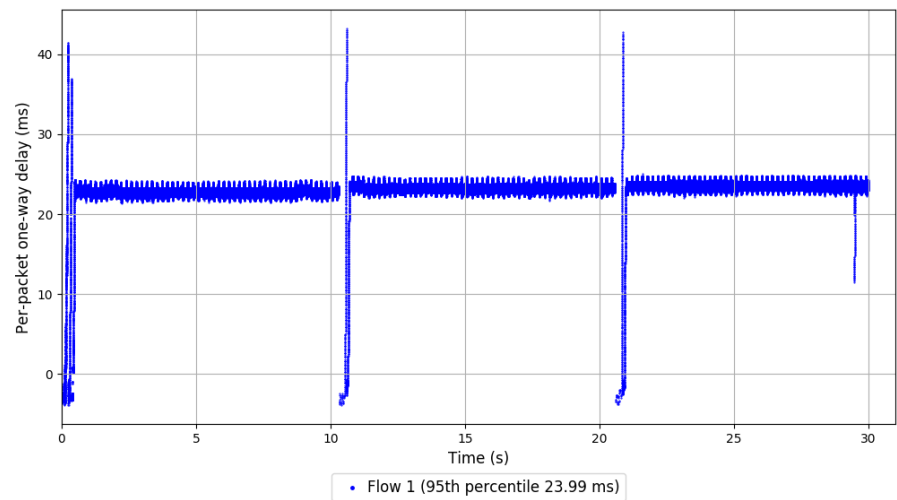
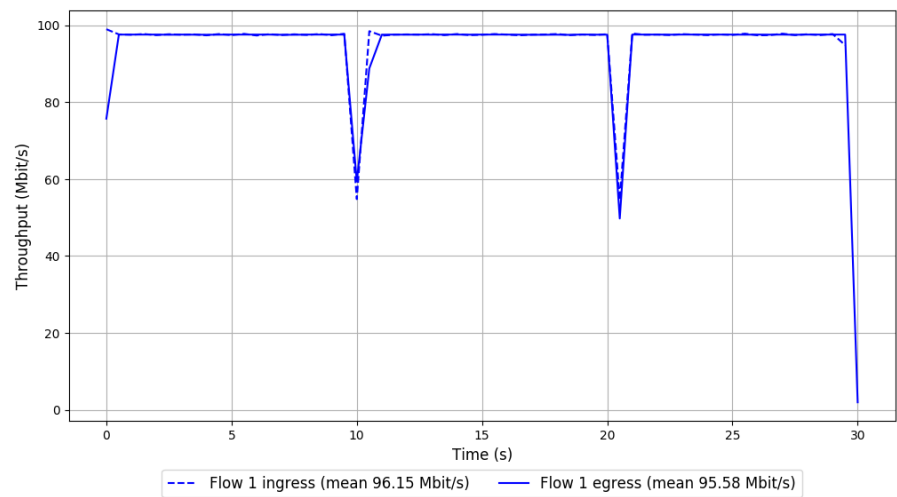


Run 2: Statistics of TCP BBR

Start at: 2018-01-25 09:16:21
End at: 2018-01-25 09:16:51
Local clock offset: 2.426 ms
Remote clock offset: -15.851 ms

Below is generated by plot.py at 2018-01-25 12:21:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 23.992 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 23.992 ms
Loss rate: 0.50%

Run 2: Report of TCP BBR — Data Link

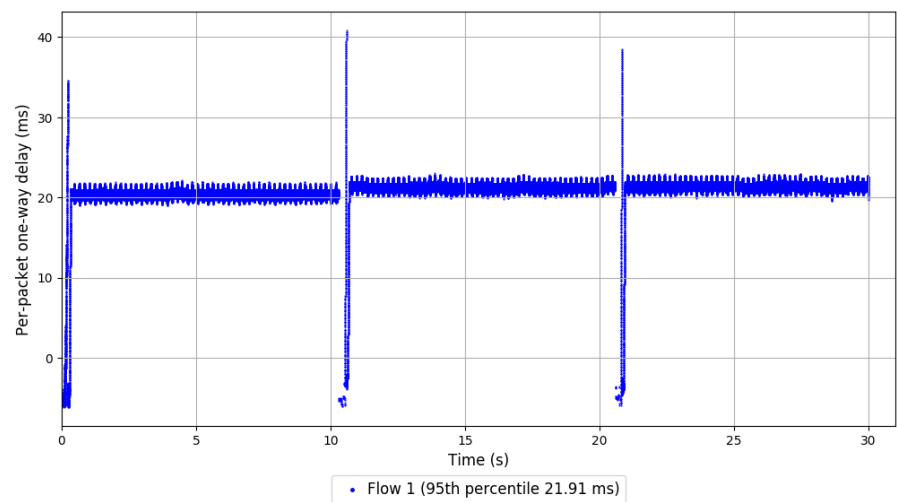
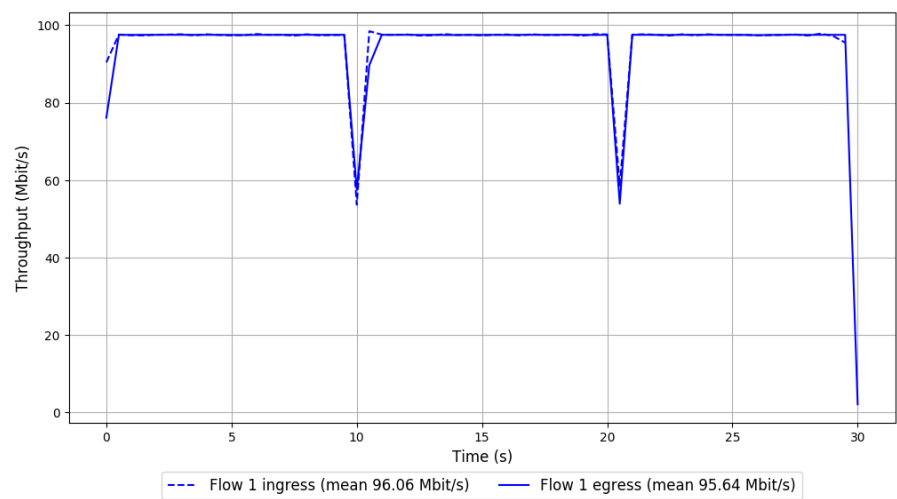


Run 3: Statistics of TCP BBR

Start at: 2018-01-25 09:34:56
End at: 2018-01-25 09:35:26
Local clock offset: 1.807 ms
Remote clock offset: -19.115 ms

Below is generated by plot.py at 2018-01-25 12:21:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 21.906 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 21.906 ms
Loss rate: 0.34%

Run 3: Report of TCP BBR — Data Link

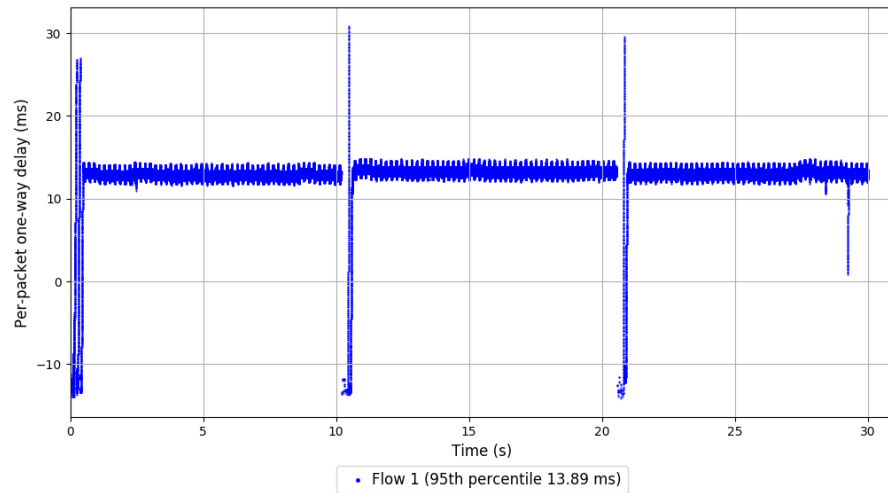
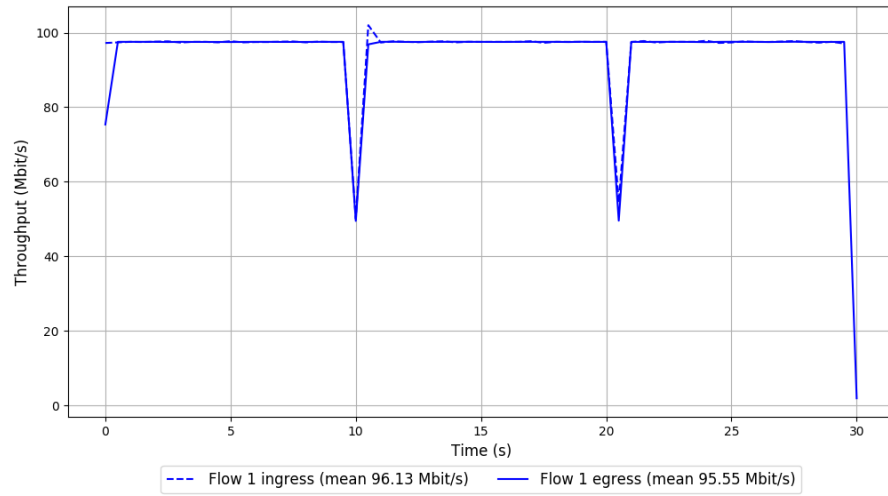


Run 4: Statistics of TCP BBR

Start at: 2018-01-25 09:53:51
End at: 2018-01-25 09:54:21
Local clock offset: -0.183 ms
Remote clock offset: -28.287 ms

Below is generated by plot.py at 2018-01-25 12:21:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 13.886 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 13.886 ms
Loss rate: 0.52%

Run 4: Report of TCP BBR — Data Link

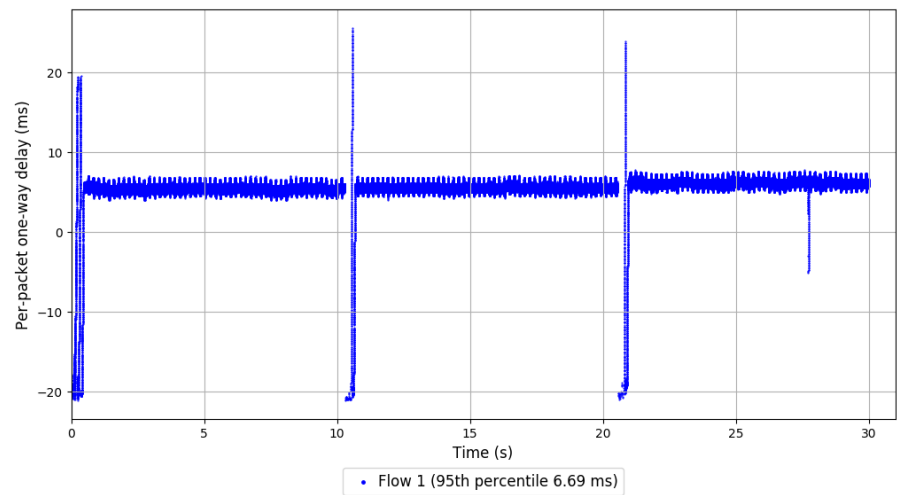
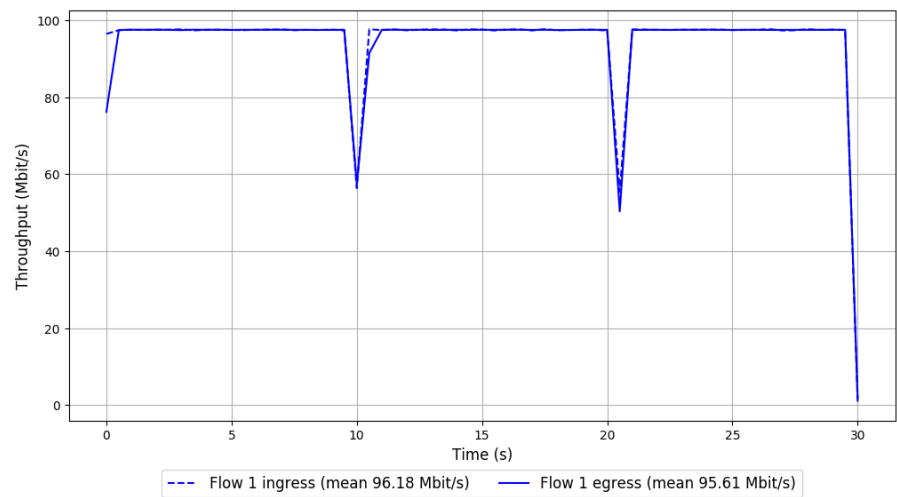


Run 5: Statistics of TCP BBR

Start at: 2018-01-25 10:12:19
End at: 2018-01-25 10:12:49
Local clock offset: 1.744 ms
Remote clock offset: -32.419 ms

Below is generated by plot.py at 2018-01-25 12:21:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 6.687 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 6.687 ms
Loss rate: 0.51%

Run 5: Report of TCP BBR — Data Link

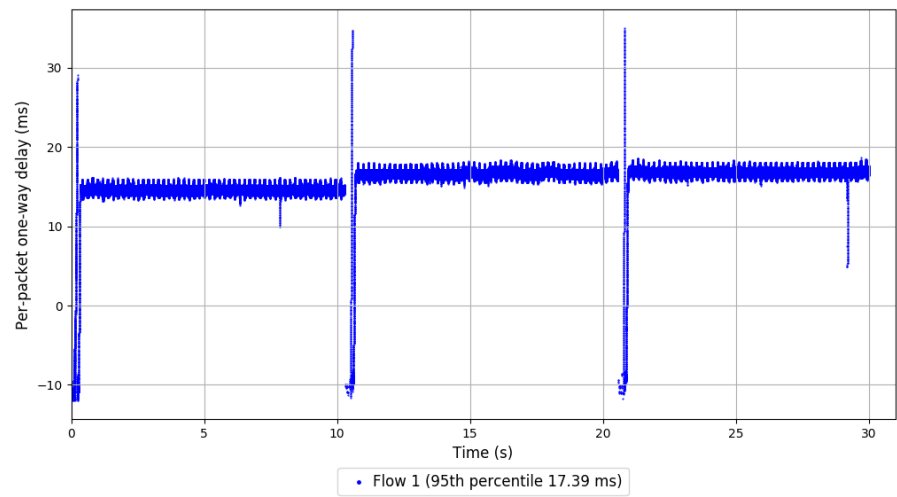
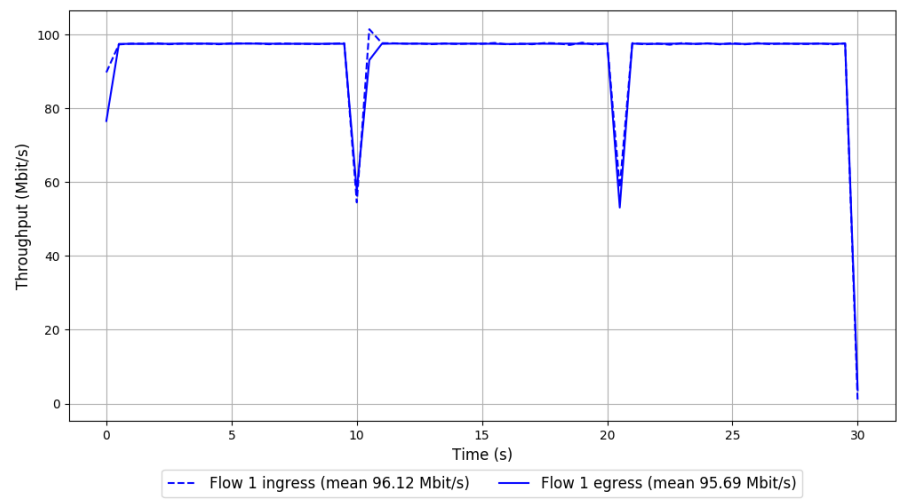


Run 6: Statistics of TCP BBR

Start at: 2018-01-25 10:30:54
End at: 2018-01-25 10:31:24
Local clock offset: 3.821 ms
Remote clock offset: -18.867 ms

Below is generated by plot.py at 2018-01-25 12:21:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 17.390 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 17.390 ms
Loss rate: 0.36%

Run 6: Report of TCP BBR — Data Link

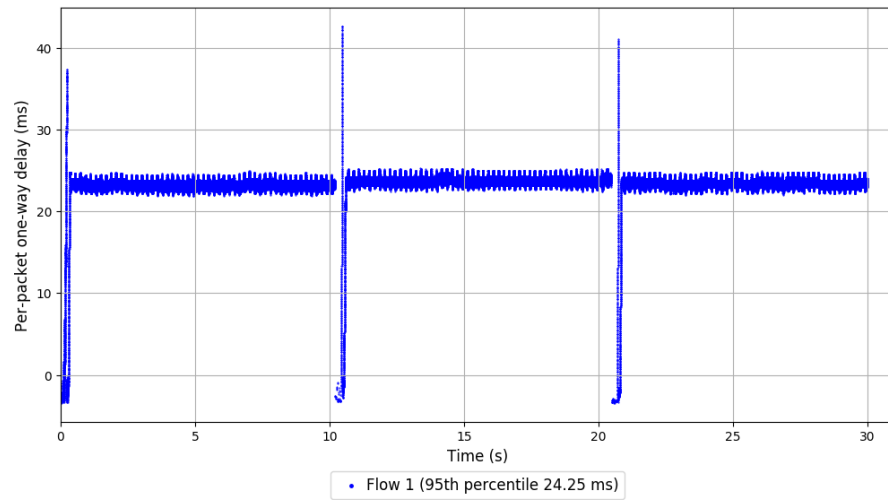
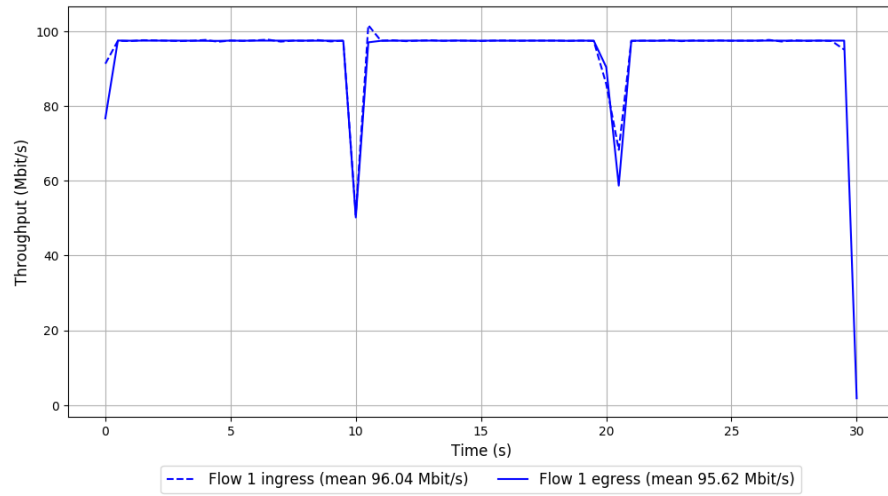


Run 7: Statistics of TCP BBR

Start at: 2018-01-25 10:49:19
End at: 2018-01-25 10:49:49
Local clock offset: 0.666 ms
Remote clock offset: -13.864 ms

Below is generated by plot.py at 2018-01-25 12:21:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 24.255 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 24.255 ms
Loss rate: 0.36%

Run 7: Report of TCP BBR — Data Link

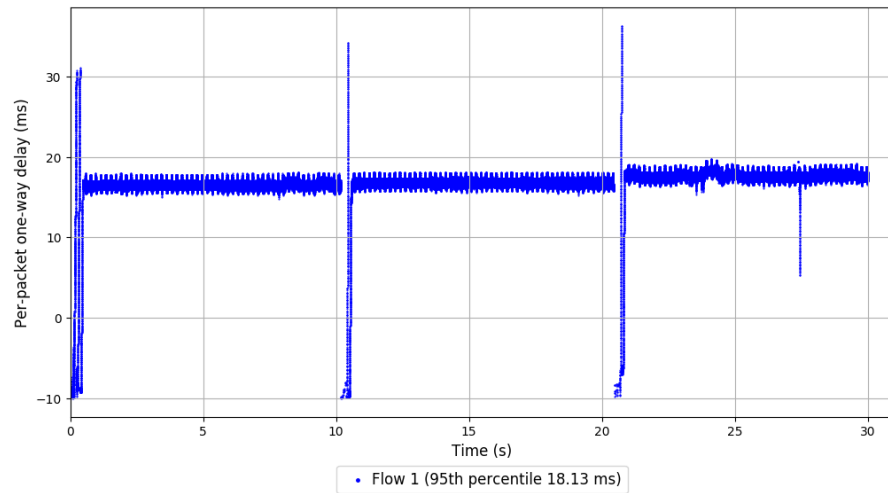
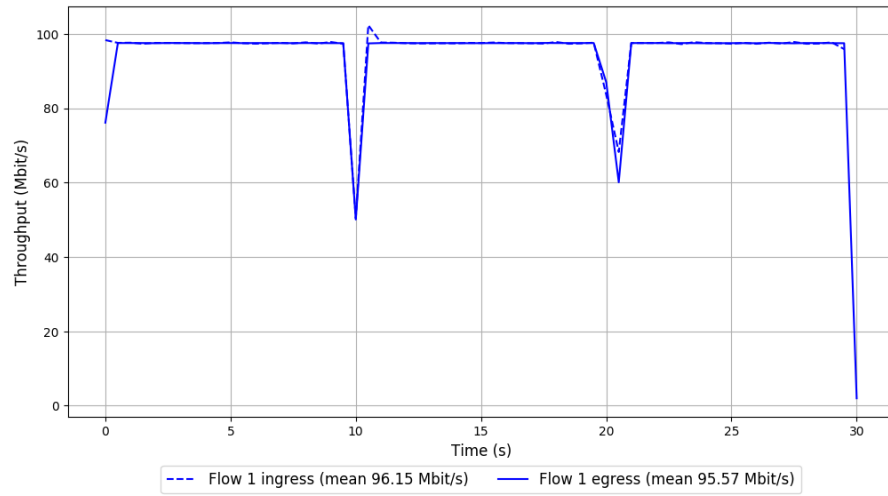


Run 8: Statistics of TCP BBR

Start at: 2018-01-25 11:07:44
End at: 2018-01-25 11:08:14
Local clock offset: 5.3 ms
Remote clock offset: -17.939 ms

Below is generated by plot.py at 2018-01-25 12:21:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 18.126 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 18.126 ms
Loss rate: 0.50%

Run 8: Report of TCP BBR — Data Link

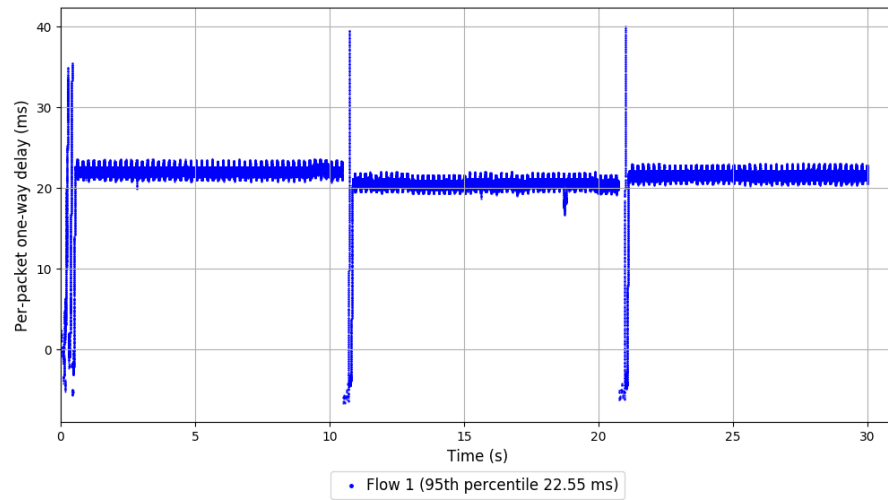
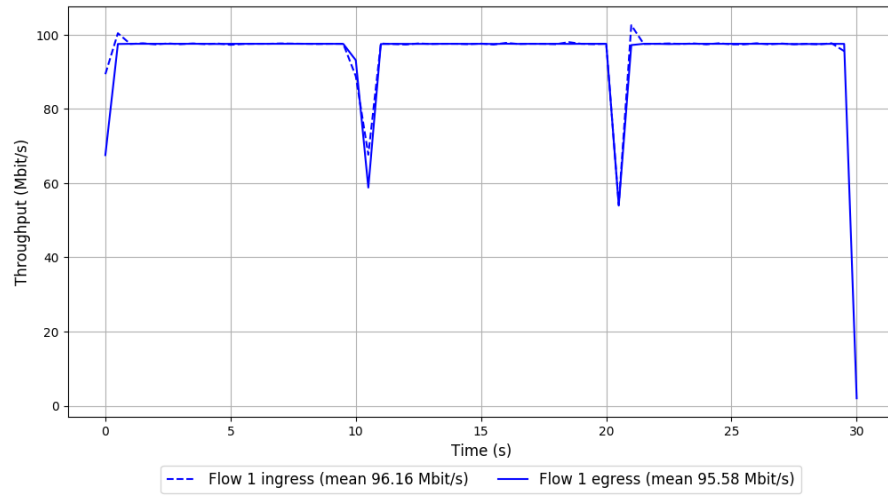


Run 9: Statistics of TCP BBR

Start at: 2018-01-25 11:26:17
End at: 2018-01-25 11:26:47
Local clock offset: 3.06 ms
Remote clock offset: -18.147 ms

Below is generated by plot.py at 2018-01-25 12:22:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 22.547 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 22.547 ms
Loss rate: 0.54%

Run 9: Report of TCP BBR — Data Link

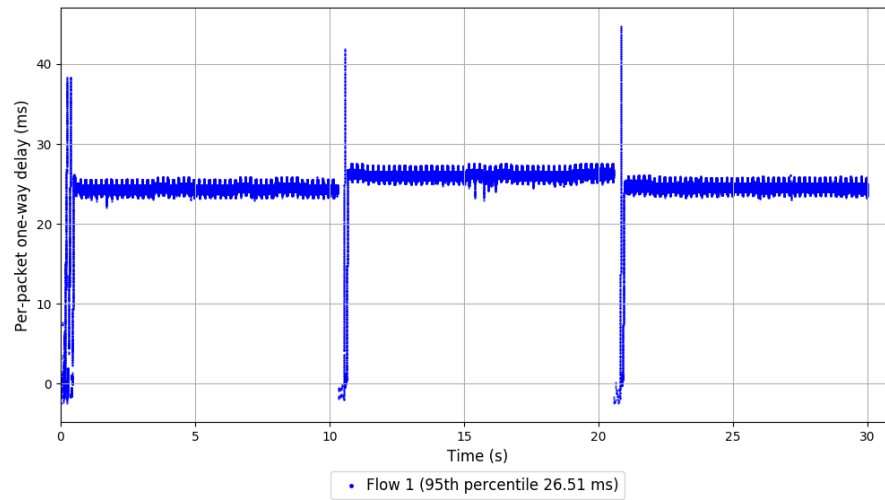
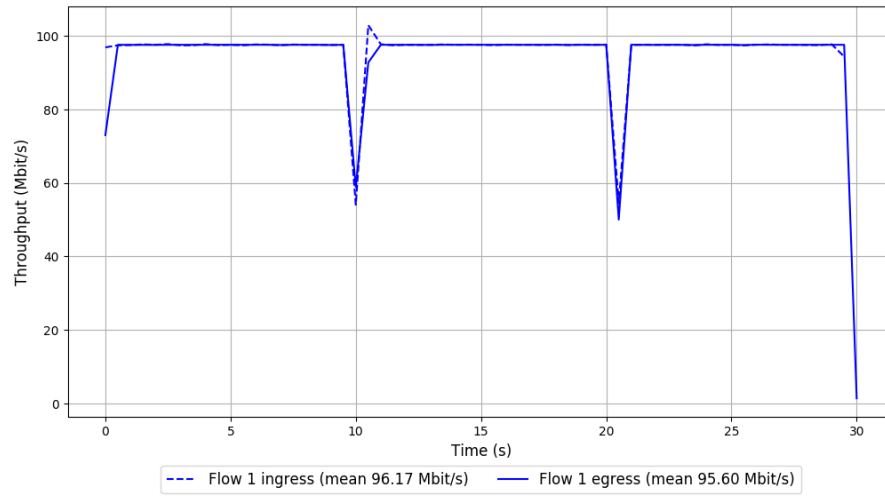


Run 10: Statistics of TCP BBR

Start at: 2018-01-25 11:44:49
End at: 2018-01-25 11:45:19
Local clock offset: -0.009 ms
Remote clock offset: -16.836 ms

Below is generated by plot.py at 2018-01-25 12:22:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 26.509 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 26.509 ms
Loss rate: 0.51%

Run 10: Report of TCP BBR — Data Link

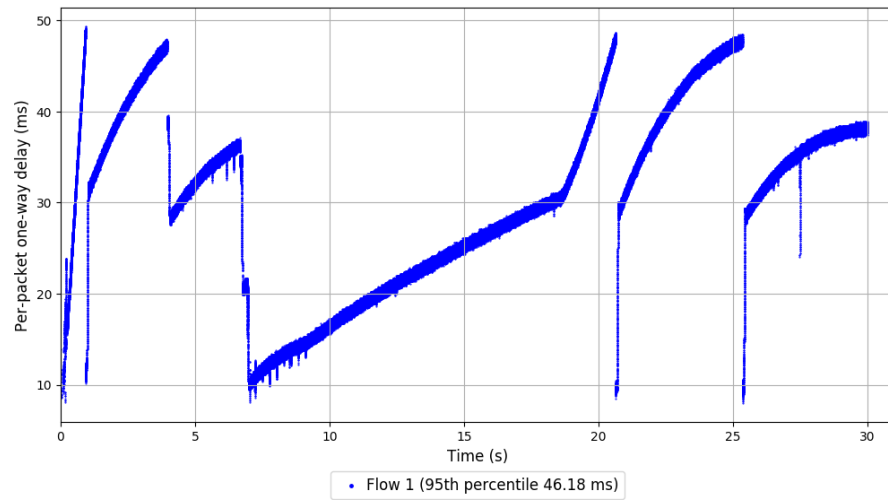
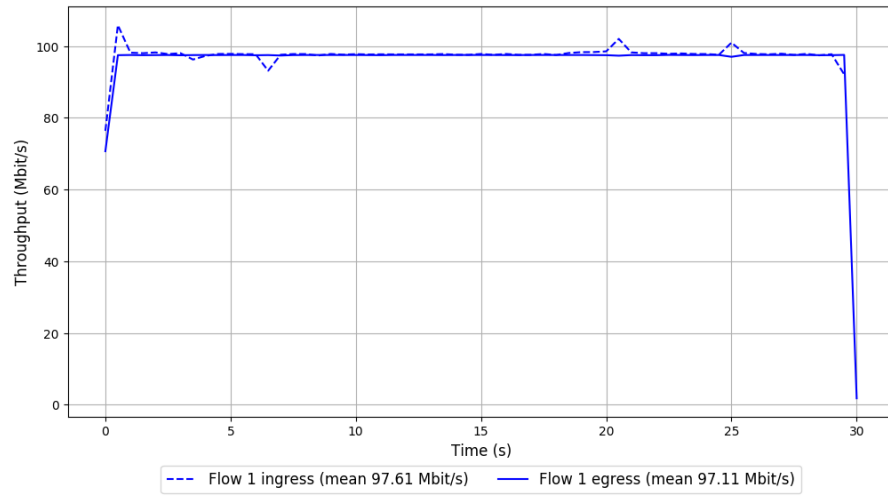


Run 1: Statistics of TCP Cubic

Start at: 2018-01-25 09:02:17
End at: 2018-01-25 09:02:47
Local clock offset: 1.735 ms
Remote clock offset: -3.064 ms

Below is generated by plot.py at 2018-01-25 12:22:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 46.176 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 46.176 ms
Loss rate: 0.44%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

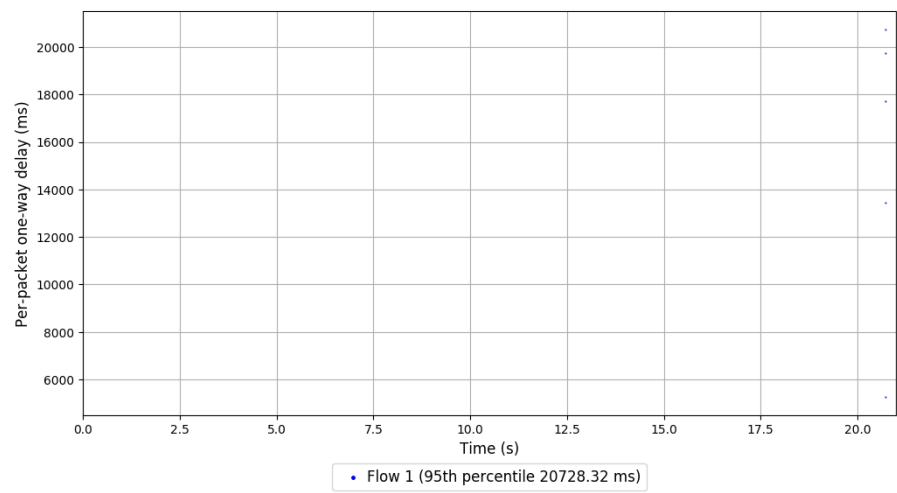
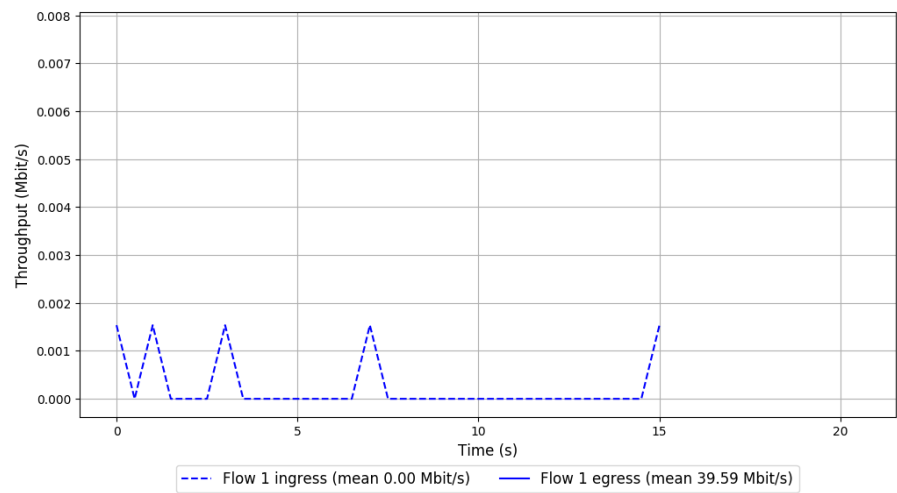
Start at: 2018-01-25 09:21:00

End at: 2018-01-25 09:21:30

Local clock offset: 1.559 ms

Remote clock offset: -19.59 ms

Run 2: Report of TCP Cubic — Data Link

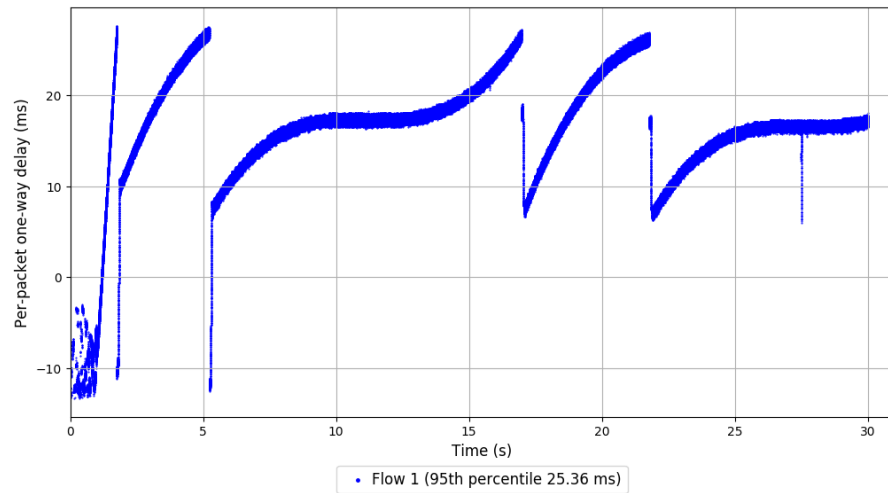
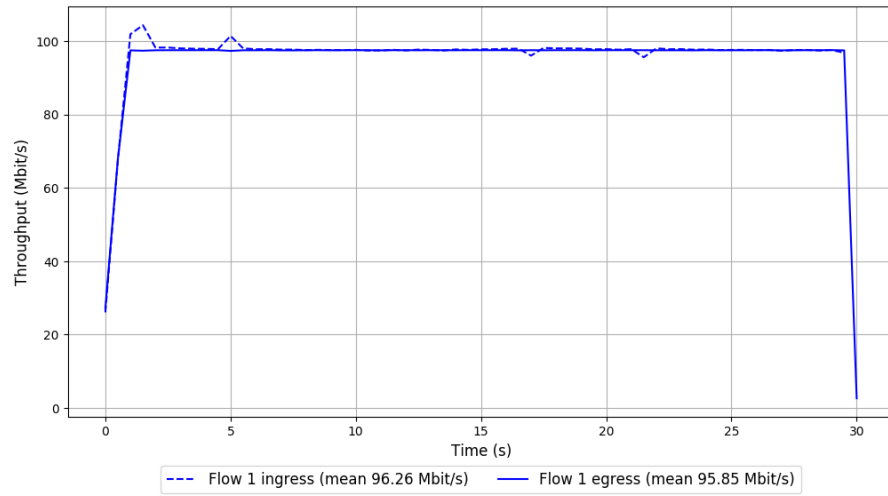


Run 3: Statistics of TCP Cubic

Start at: 2018-01-25 09:39:38
End at: 2018-01-25 09:40:08
Local clock offset: 1.779 ms
Remote clock offset: -26.283 ms

Below is generated by plot.py at 2018-01-25 12:22:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 25.356 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 25.356 ms
Loss rate: 0.33%

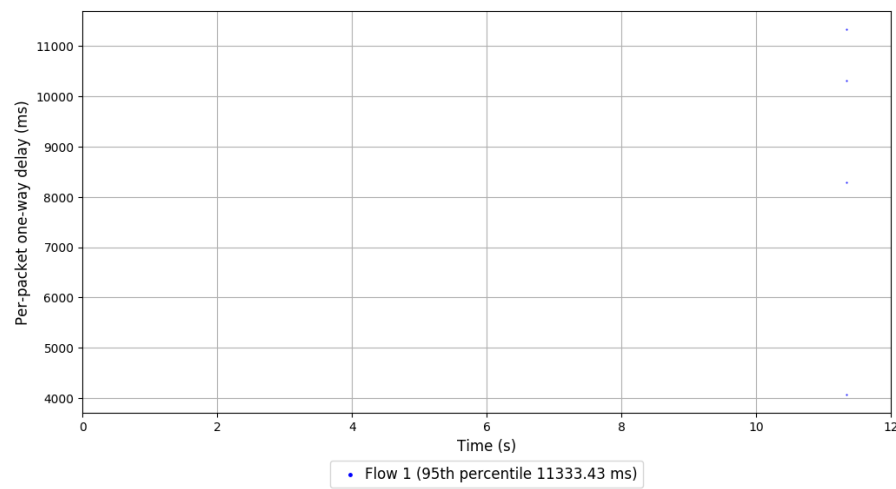
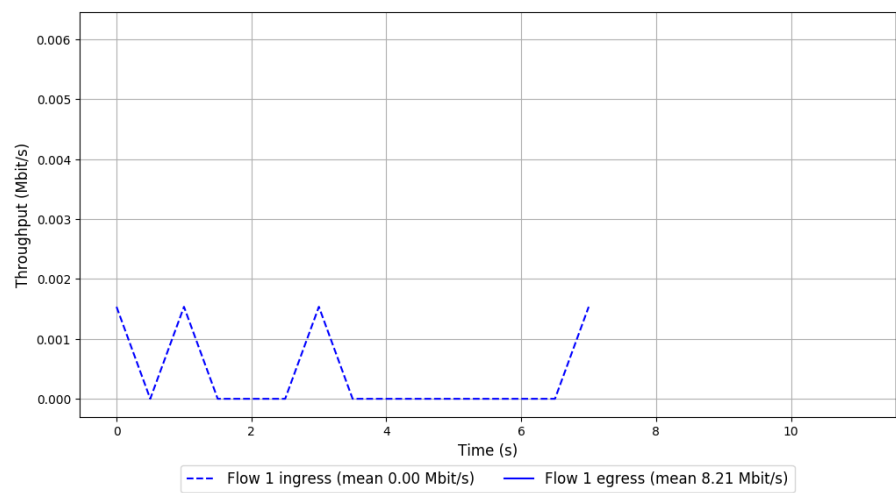
Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-01-25 09:58:31
End at: 2018-01-25 09:59:01
Local clock offset: 3.045 ms
Remote clock offset: -31.322 ms

Run 4: Report of TCP Cubic — Data Link

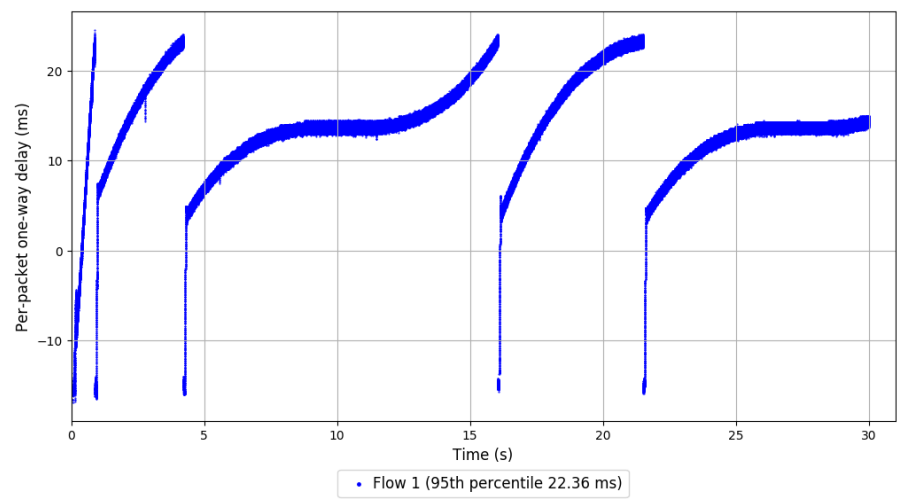
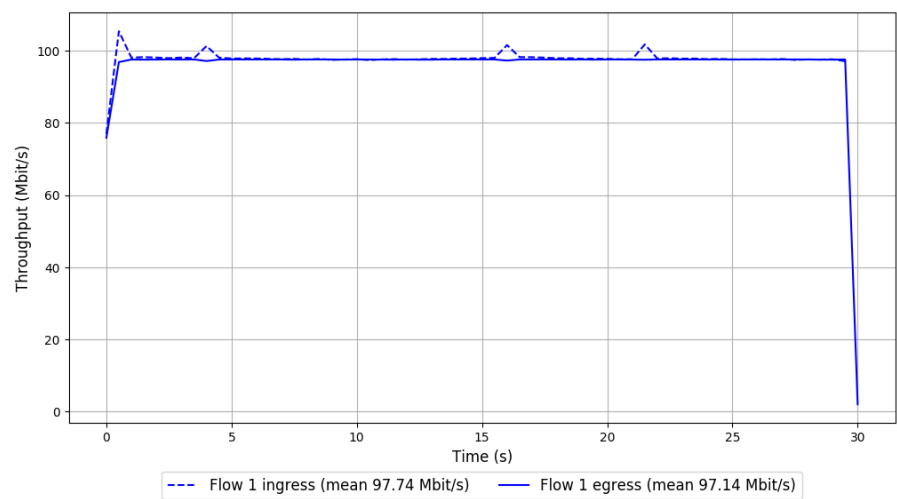


Run 5: Statistics of TCP Cubic

Start at: 2018-01-25 10:16:57
End at: 2018-01-25 10:17:27
Local clock offset: 0.897 ms
Remote clock offset: -29.483 ms

Below is generated by plot.py at 2018-01-25 12:22:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 22.358 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 22.358 ms
Loss rate: 0.53%

Run 5: Report of TCP Cubic — Data Link

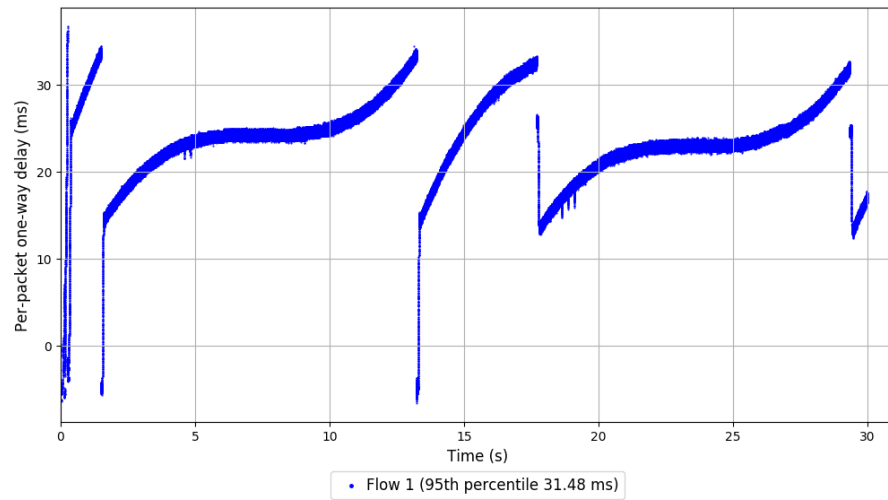
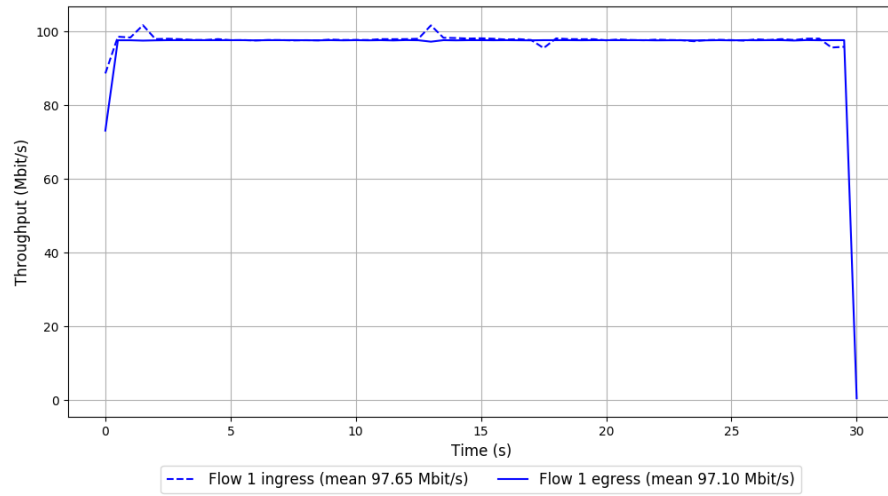


Run 6: Statistics of TCP Cubic

Start at: 2018-01-25 10:35:29
End at: 2018-01-25 10:35:59
Local clock offset: 2.373 ms
Remote clock offset: -14.574 ms

Below is generated by plot.py at 2018-01-25 12:22:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 31.484 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 31.484 ms
Loss rate: 0.50%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

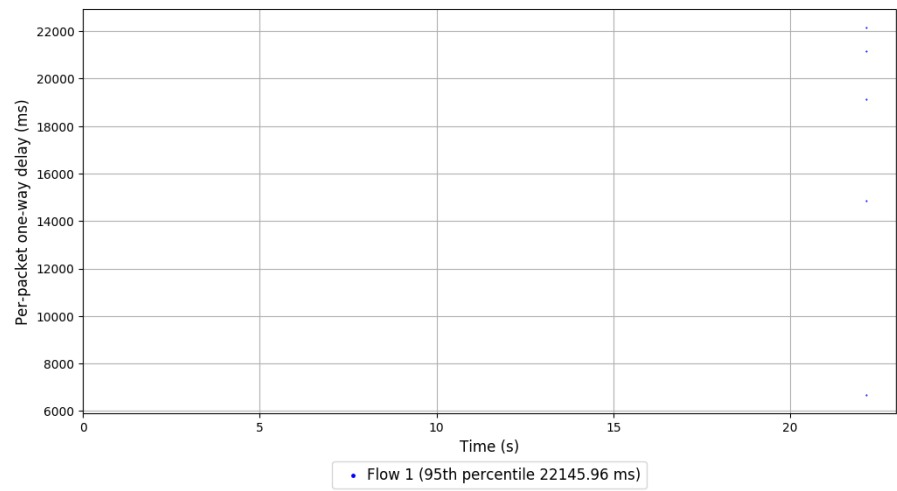
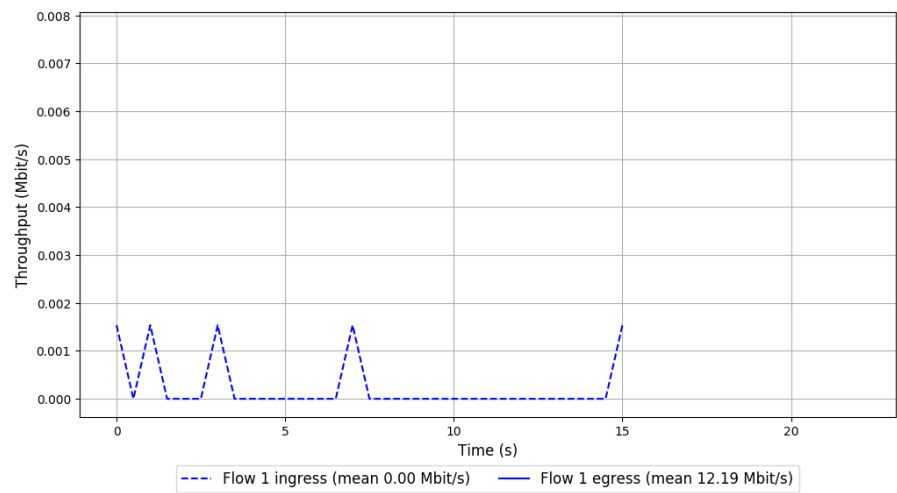
Start at: 2018-01-25 10:53:56

End at: 2018-01-25 10:54:27

Local clock offset: 4.601 ms

Remote clock offset: -14.803 ms

Run 7: Report of TCP Cubic — Data Link

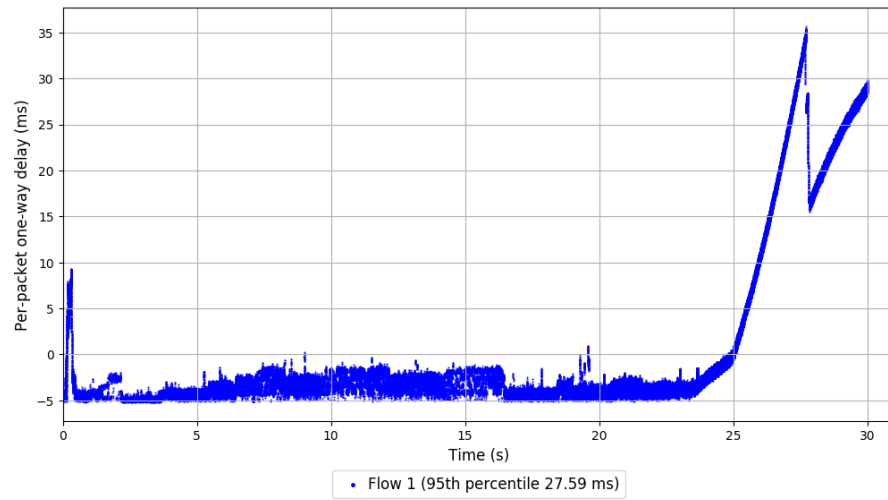
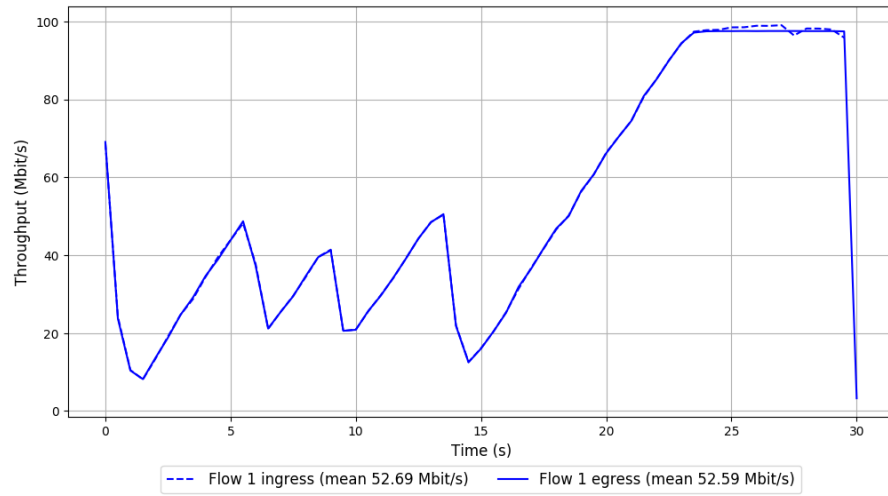


Run 8: Statistics of TCP Cubic

Start at: 2018-01-25 11:12:31
End at: 2018-01-25 11:13:01
Local clock offset: 3.38 ms
Remote clock offset: -15.441 ms

Below is generated by plot.py at 2018-01-25 12:22:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 27.593 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 27.593 ms
Loss rate: 0.08%

Run 8: Report of TCP Cubic — Data Link

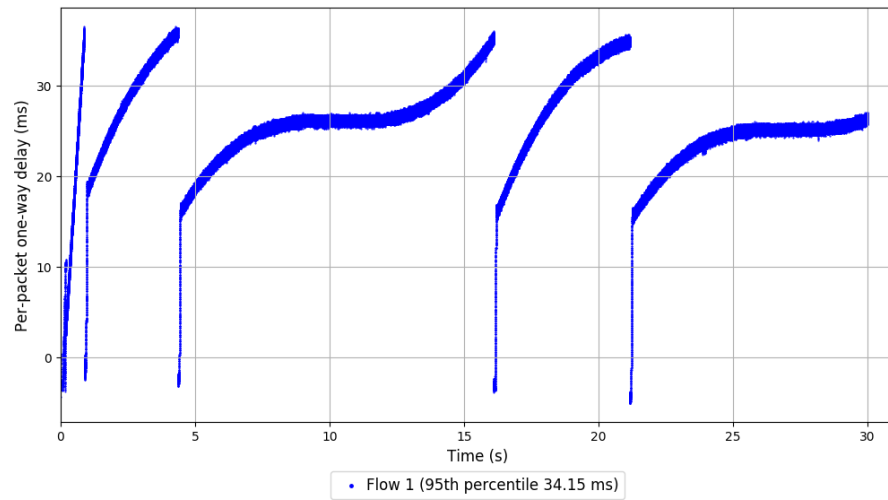
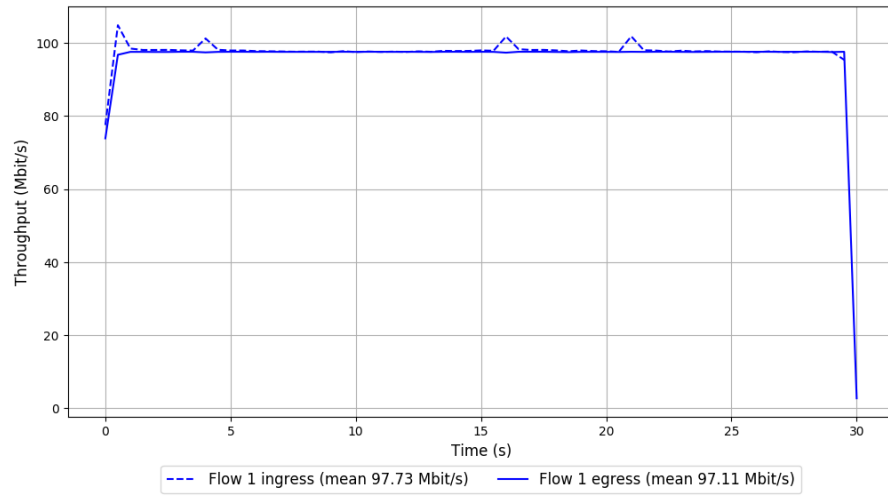


Run 9: Statistics of TCP Cubic

Start at: 2018-01-25 11:30:53
End at: 2018-01-25 11:31:23
Local clock offset: 1.988 ms
Remote clock offset: -17.46 ms

Below is generated by plot.py at 2018-01-25 12:22:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 34.153 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 34.153 ms
Loss rate: 0.53%

Run 9: Report of TCP Cubic — Data Link

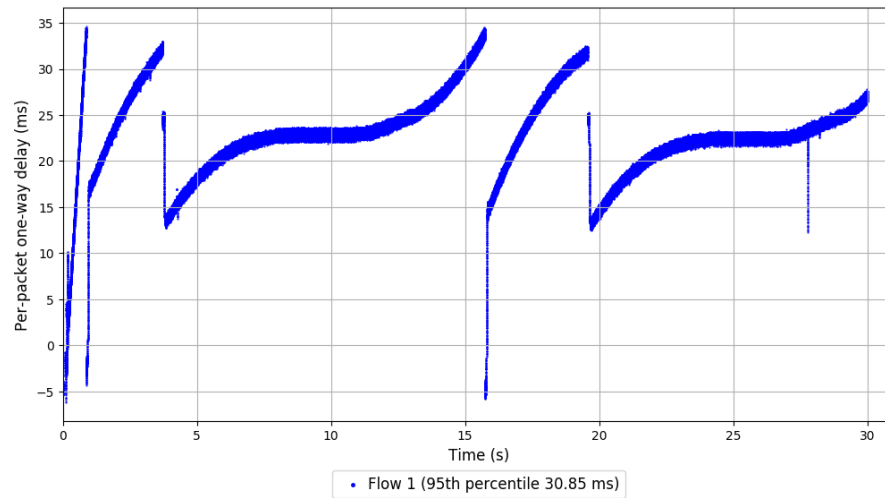
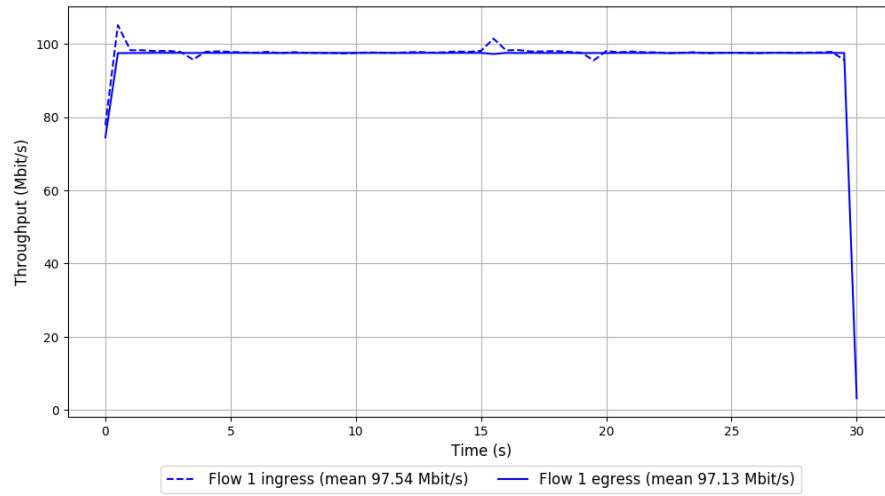


Run 10: Statistics of TCP Cubic

Start at: 2018-01-25 11:49:28
End at: 2018-01-25 11:49:58
Local clock offset: 4.085 ms
Remote clock offset: -16.655 ms

Below is generated by plot.py at 2018-01-25 12:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 30.849 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 30.849 ms
Loss rate: 0.31%

Run 10: Report of TCP Cubic — Data Link

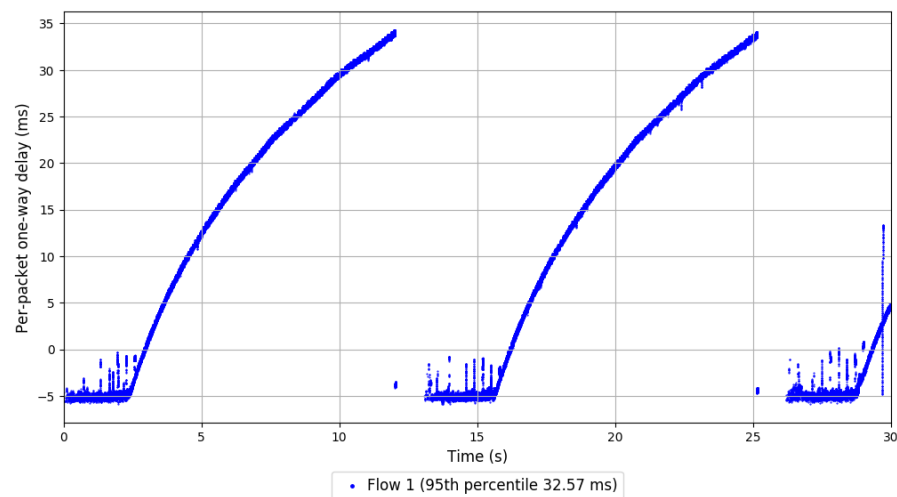
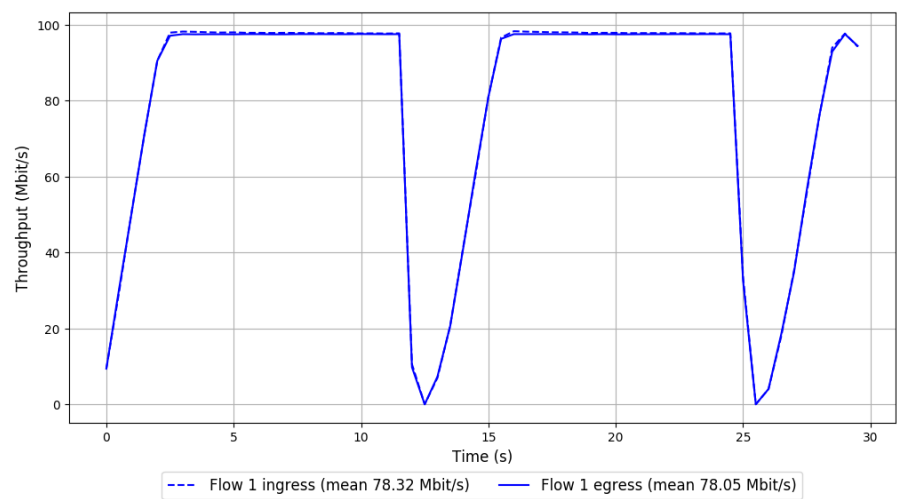


Run 1: Statistics of LEDBAT

Start at: 2018-01-25 08:55:15
End at: 2018-01-25 08:55:45
Local clock offset: 0.31 ms
Remote clock offset: -16.82 ms

Below is generated by plot.py at 2018-01-25 12:24:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.05 Mbit/s
95th percentile per-packet one-way delay: 32.574 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 78.05 Mbit/s
95th percentile per-packet one-way delay: 32.574 ms
Loss rate: 0.32%

Run 1: Report of LEDBAT — Data Link

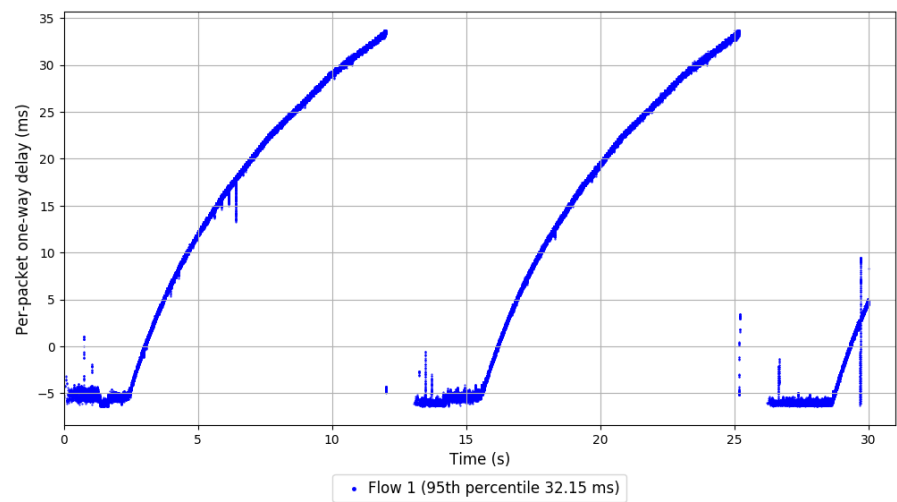
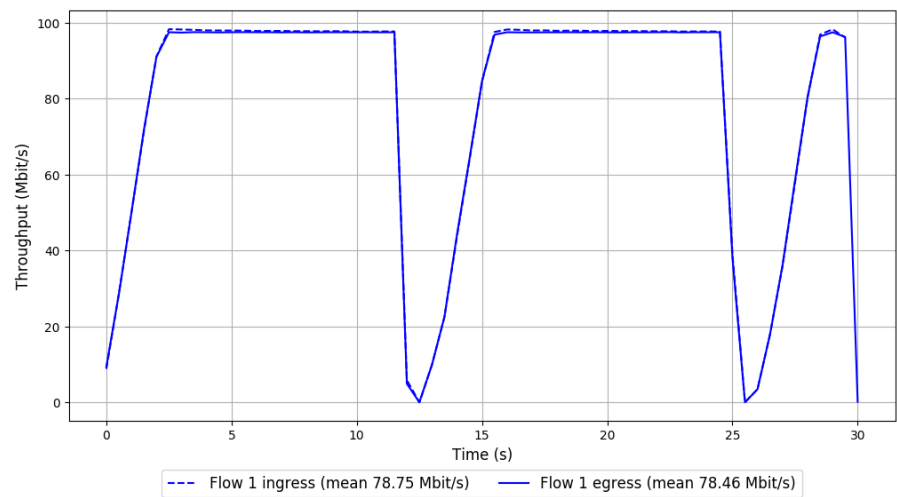


Run 2: Statistics of LEDBAT

Start at: 2018-01-25 09:14:03
End at: 2018-01-25 09:14:33
Local clock offset: 1.195 ms
Remote clock offset: -18.906 ms

Below is generated by plot.py at 2018-01-25 12:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.46 Mbit/s
95th percentile per-packet one-way delay: 32.147 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 78.46 Mbit/s
95th percentile per-packet one-way delay: 32.147 ms
Loss rate: 0.32%

Run 2: Report of LEDBAT — Data Link

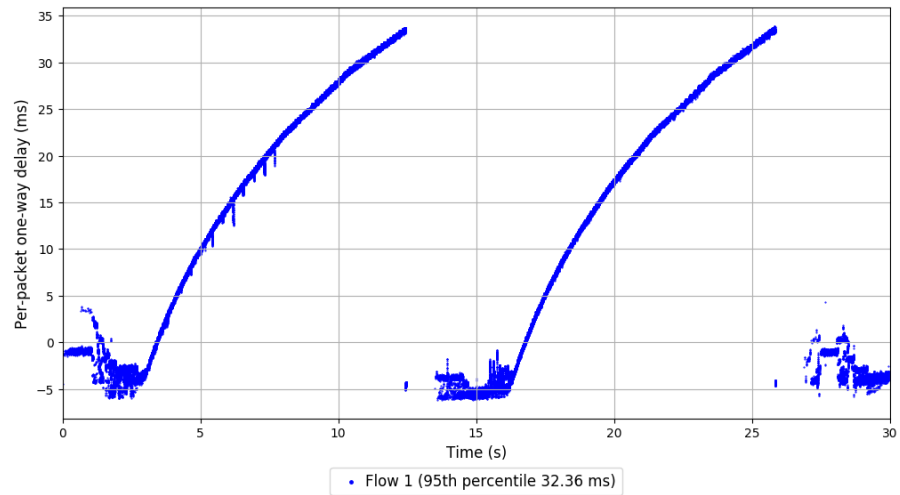
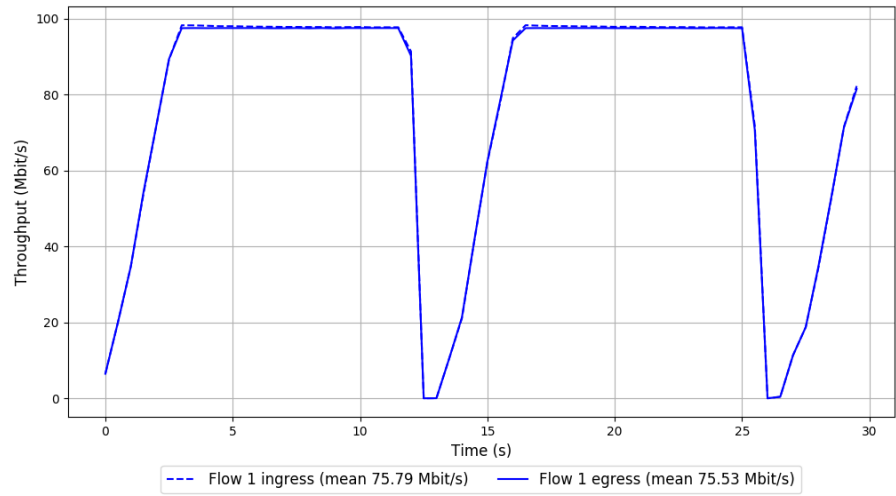


Run 3: Statistics of LEDBAT

Start at: 2018-01-25 09:32:38
End at: 2018-01-25 09:33:08
Local clock offset: 1.205 ms
Remote clock offset: -19.742 ms

Below is generated by plot.py at 2018-01-25 12:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 32.358 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 32.358 ms
Loss rate: 0.34%

Run 3: Report of LEDBAT — Data Link

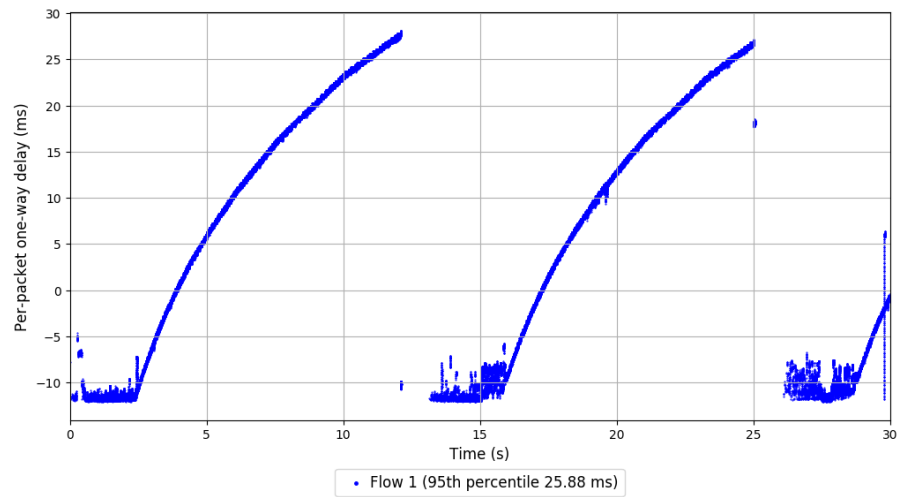
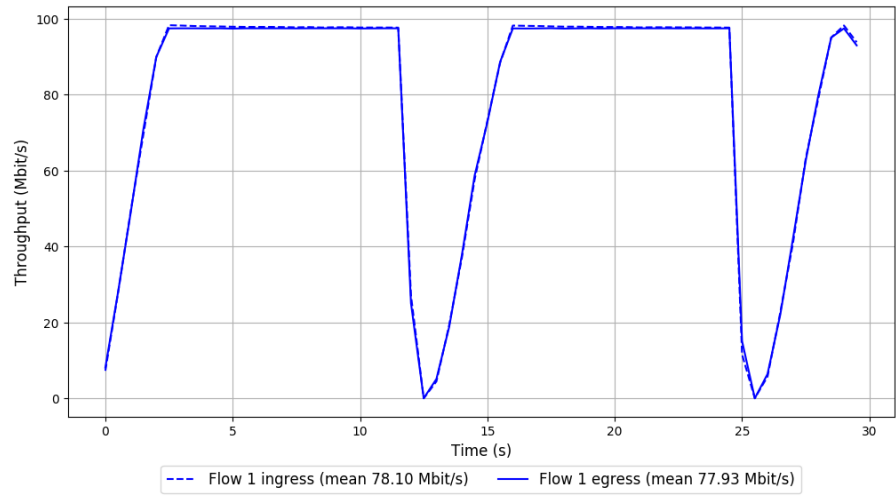


Run 4: Statistics of LEDBAT

Start at: 2018-01-25 09:51:32
End at: 2018-01-25 09:52:02
Local clock offset: 1.479 ms
Remote clock offset: -24.429 ms

Below is generated by plot.py at 2018-01-25 12:24:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.93 Mbit/s
95th percentile per-packet one-way delay: 25.883 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 77.93 Mbit/s
95th percentile per-packet one-way delay: 25.883 ms
Loss rate: 0.20%

Run 4: Report of LEDBAT — Data Link

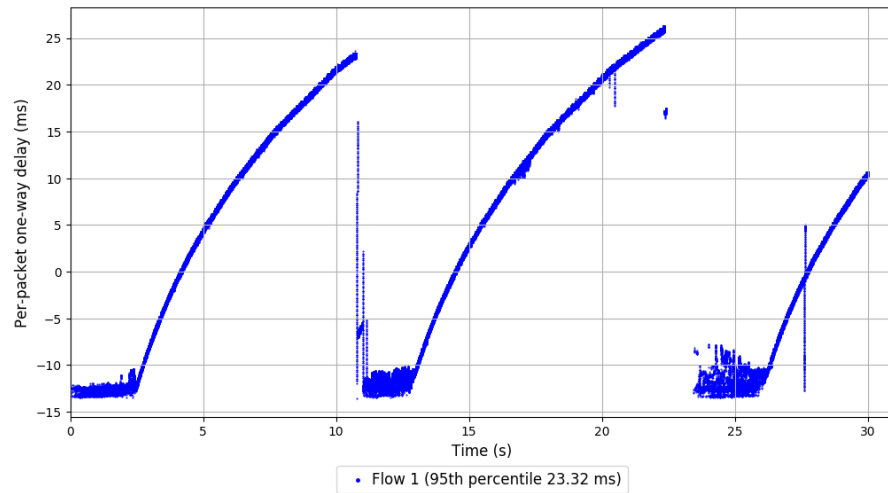
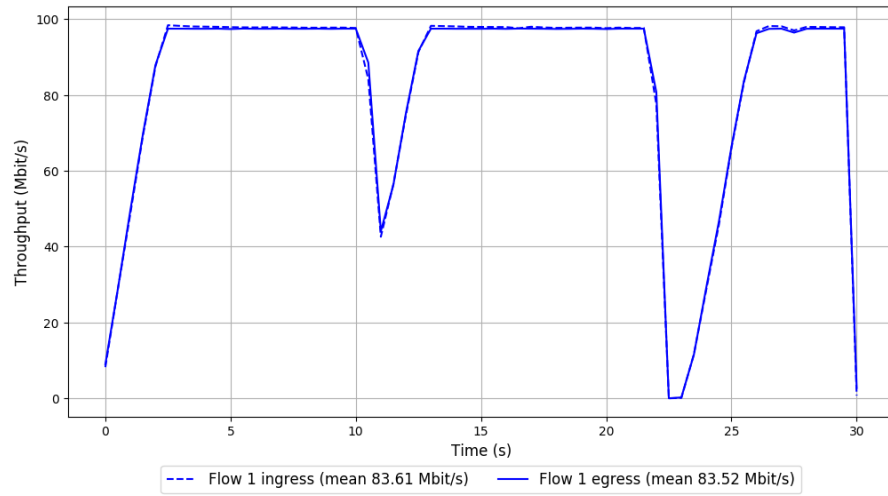


Run 5: Statistics of LEDBAT

Start at: 2018-01-25 10:10:01
End at: 2018-01-25 10:10:31
Local clock offset: 1.522 ms
Remote clock offset: -25.097 ms

Below is generated by plot.py at 2018-01-25 12:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 23.325 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 23.325 ms
Loss rate: 0.04%

Run 5: Report of LEDBAT — Data Link

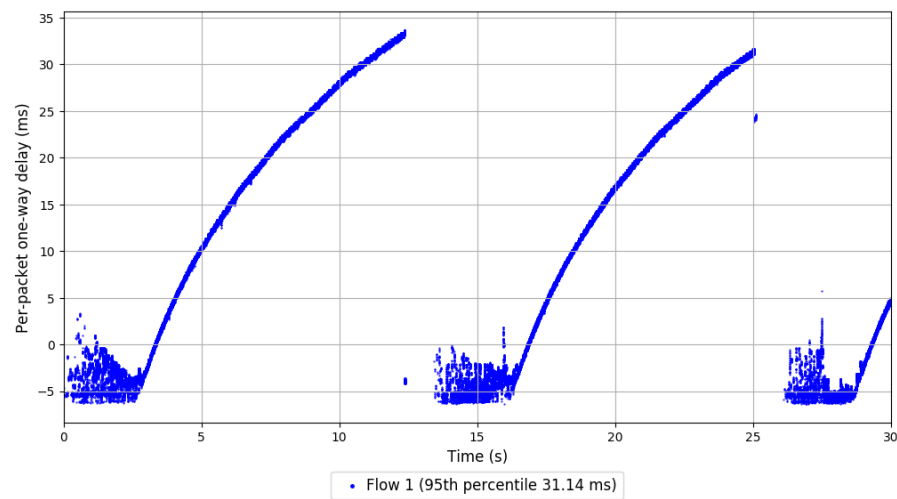
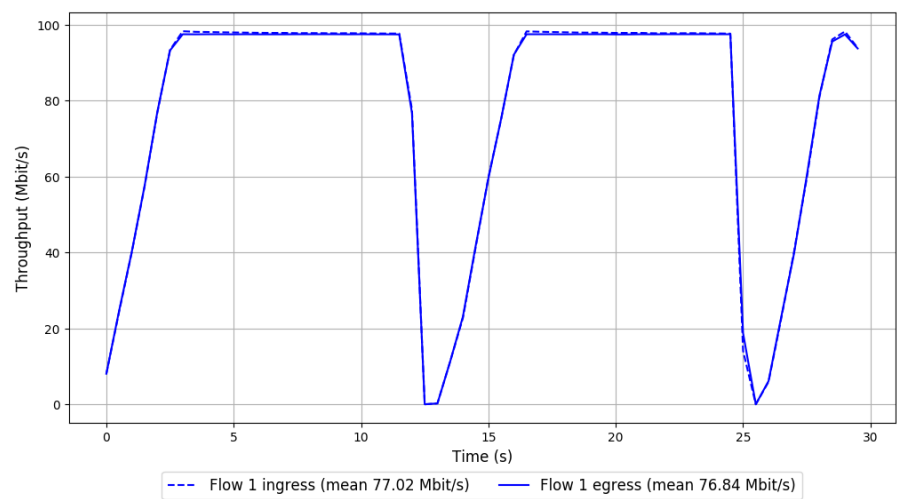


Run 6: Statistics of LEDBAT

Start at: 2018-01-25 10:28:37
End at: 2018-01-25 10:29:07
Local clock offset: 1.845 ms
Remote clock offset: -15.639 ms

Below is generated by plot.py at 2018-01-25 12:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 31.143 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 76.84 Mbit/s
95th percentile per-packet one-way delay: 31.143 ms
Loss rate: 0.20%

Run 6: Report of LEDBAT — Data Link

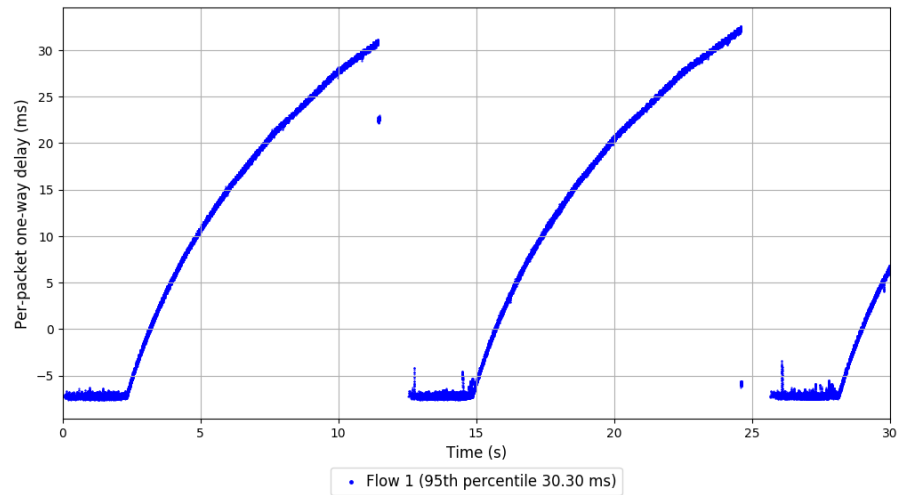
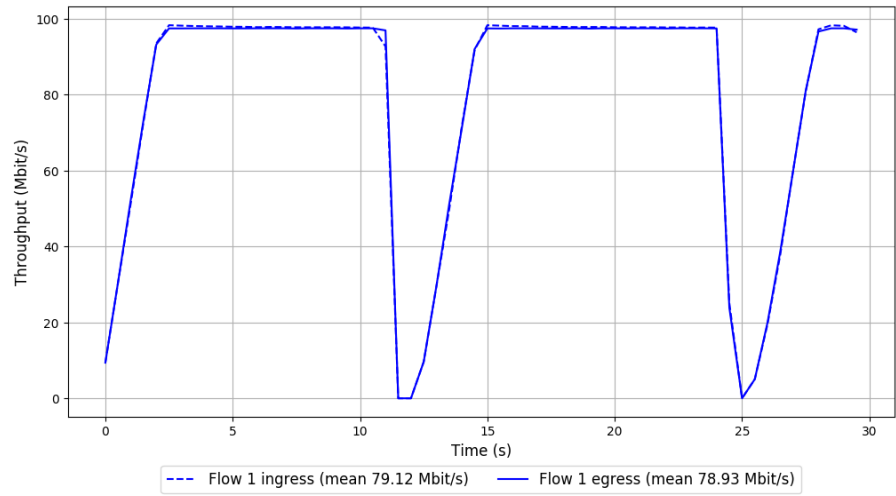


Run 7: Statistics of LEDBAT

Start at: 2018-01-25 10:47:00
End at: 2018-01-25 10:47:30
Local clock offset: 3.38 ms
Remote clock offset: -15.053 ms

Below is generated by plot.py at 2018-01-25 12:24:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.93 Mbit/s
95th percentile per-packet one-way delay: 30.305 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 78.93 Mbit/s
95th percentile per-packet one-way delay: 30.305 ms
Loss rate: 0.19%

Run 7: Report of LEDBAT — Data Link

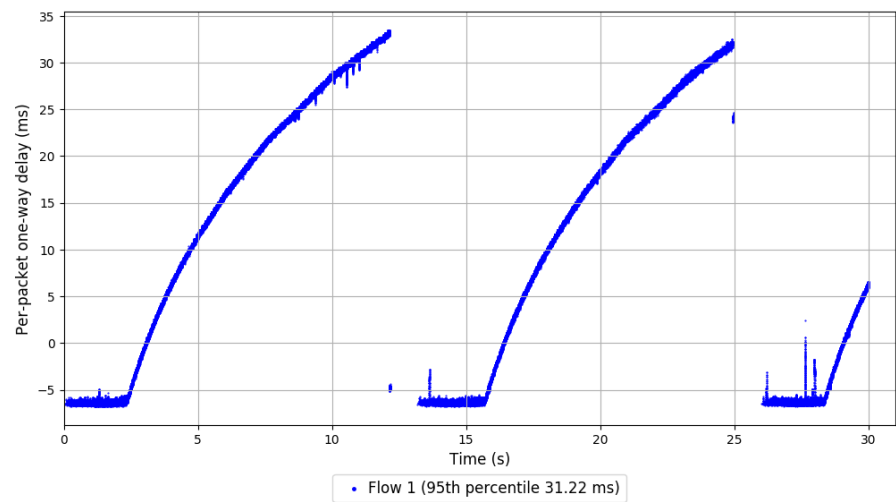
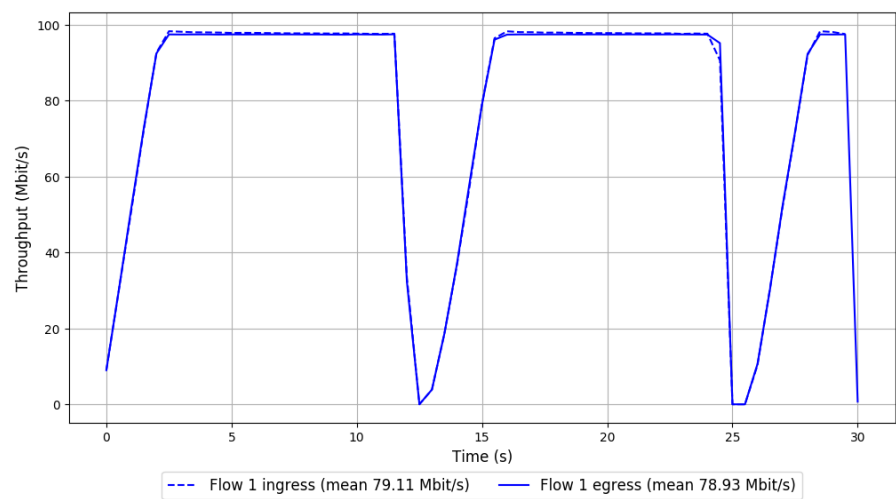


Run 8: Statistics of LEDBAT

Start at: 2018-01-25 11:05:26
End at: 2018-01-25 11:05:56
Local clock offset: 4.168 ms
Remote clock offset: -15.473 ms

Below is generated by plot.py at 2018-01-25 12:24:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.93 Mbit/s
95th percentile per-packet one-way delay: 31.224 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 78.93 Mbit/s
95th percentile per-packet one-way delay: 31.224 ms
Loss rate: 0.19%

Run 8: Report of LEDBAT — Data Link

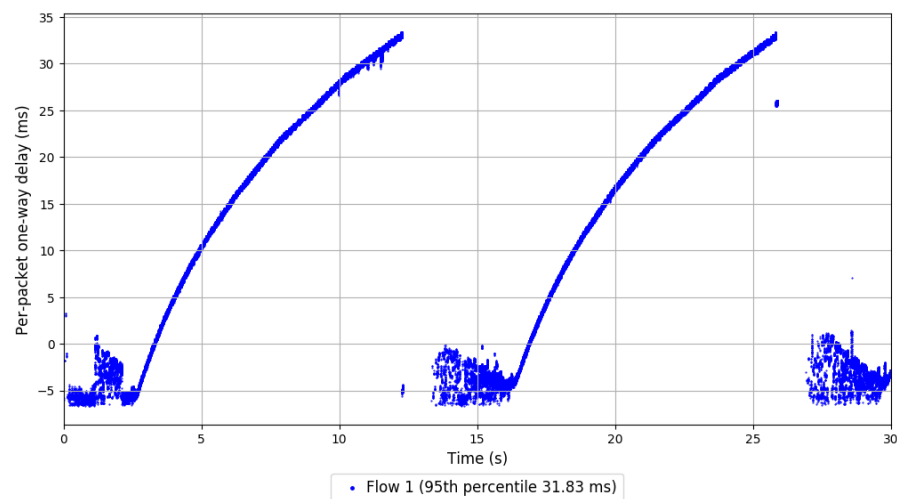
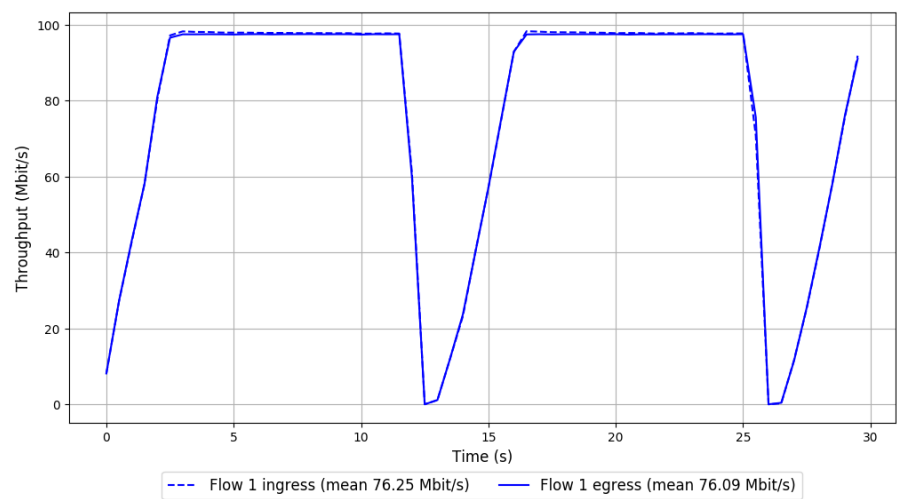


Run 9: Statistics of LEDBAT

Start at: 2018-01-25 11:24:01
End at: 2018-01-25 11:24:31
Local clock offset: 5.22 ms
Remote clock offset: -15.731 ms

Below is generated by plot.py at 2018-01-25 12:25:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.09 Mbit/s
95th percentile per-packet one-way delay: 31.828 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 76.09 Mbit/s
95th percentile per-packet one-way delay: 31.828 ms
Loss rate: 0.20%

Run 9: Report of LEDBAT — Data Link

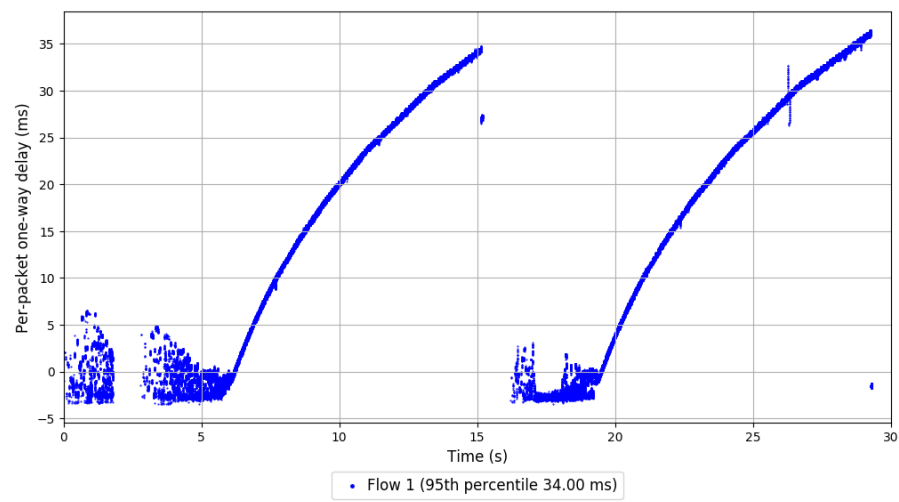
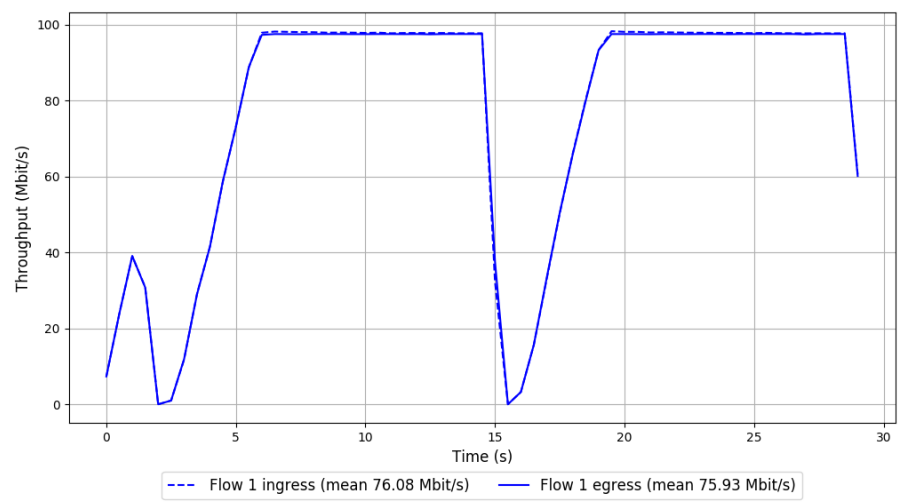


Run 10: Statistics of LEDBAT

Start at: 2018-01-25 11:42:30
End at: 2018-01-25 11:43:00
Local clock offset: 0.883 ms
Remote clock offset: -16.955 ms

Below is generated by plot.py at 2018-01-25 12:25:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 34.004 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 34.004 ms
Loss rate: 0.20%

Run 10: Report of LEDBAT — Data Link

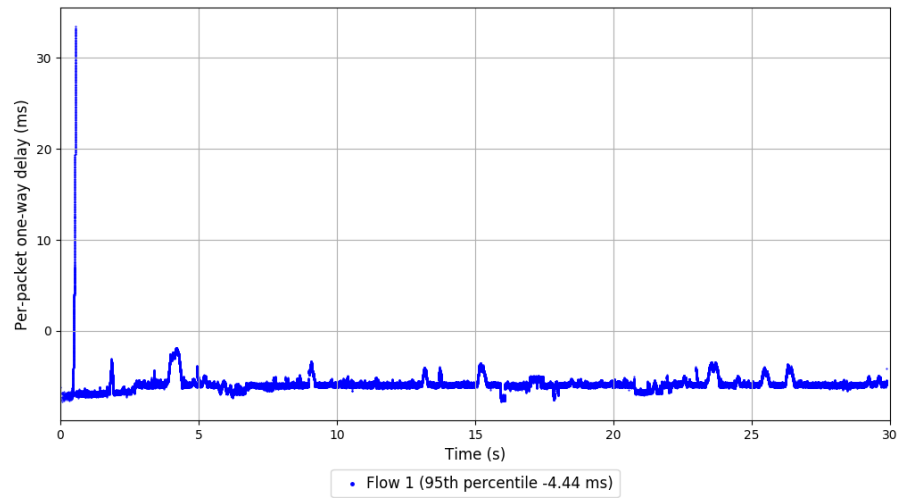
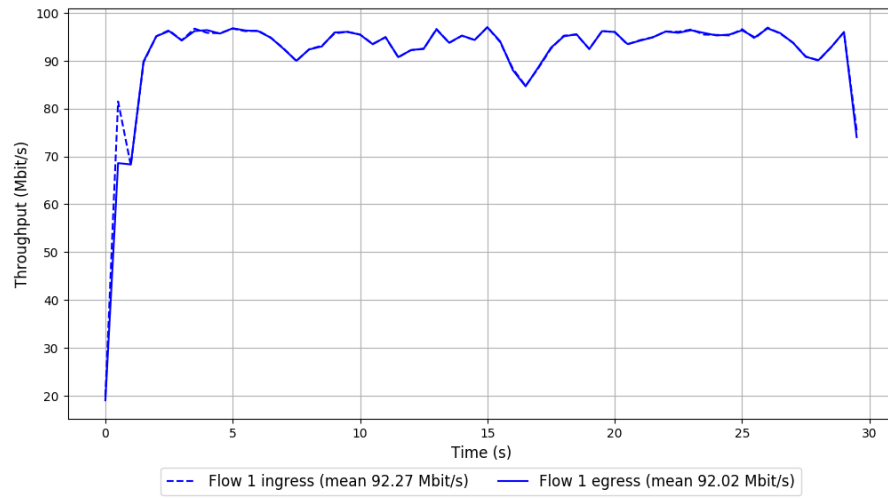


Run 1: Statistics of PCC

Start at: 2018-01-25 08:56:25
End at: 2018-01-25 08:56:55
Local clock offset: 1.108 ms
Remote clock offset: -17.998 ms

Below is generated by plot.py at 2018-01-25 12:25:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: -4.440 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: -4.440 ms
Loss rate: 0.27%

Run 1: Report of PCC — Data Link

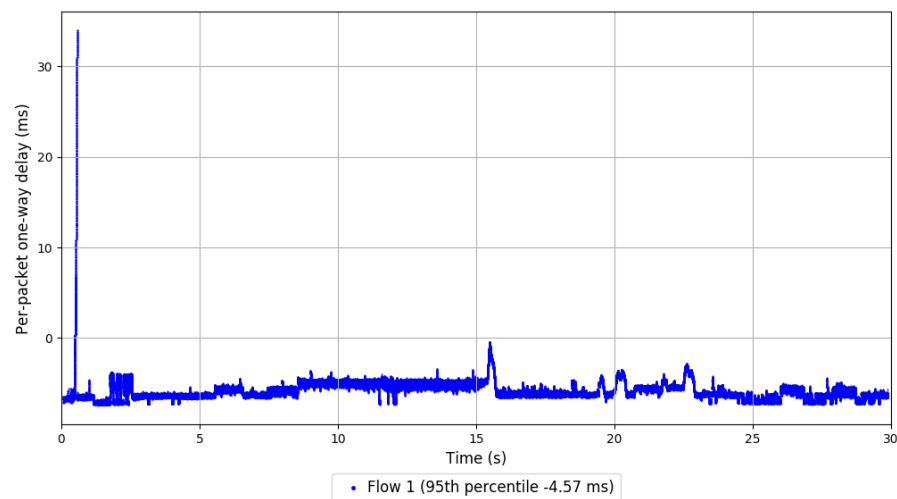
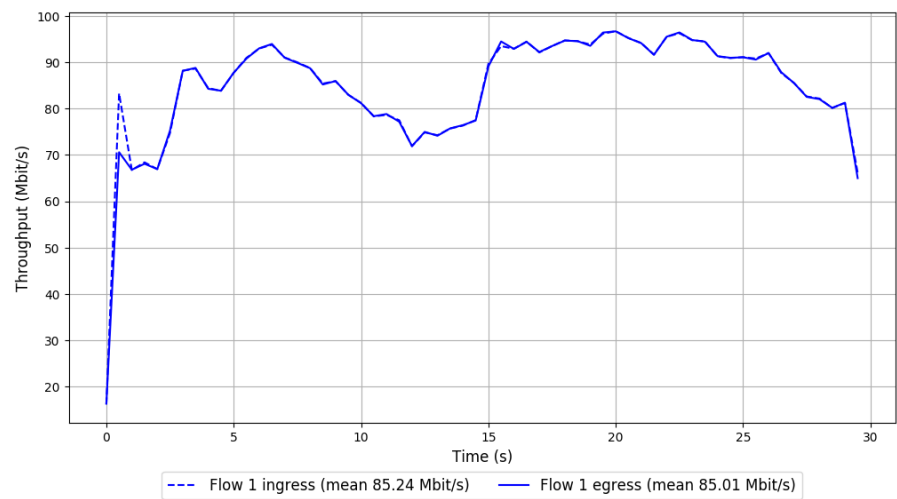


Run 2: Statistics of PCC

Start at: 2018-01-25 09:15:13
End at: 2018-01-25 09:15:43
Local clock offset: 3.765 ms
Remote clock offset: -17.395 ms

Below is generated by plot.py at 2018-01-25 12:25:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: -4.566 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 85.01 Mbit/s
95th percentile per-packet one-way delay: -4.566 ms
Loss rate: 0.27%

Run 2: Report of PCC — Data Link

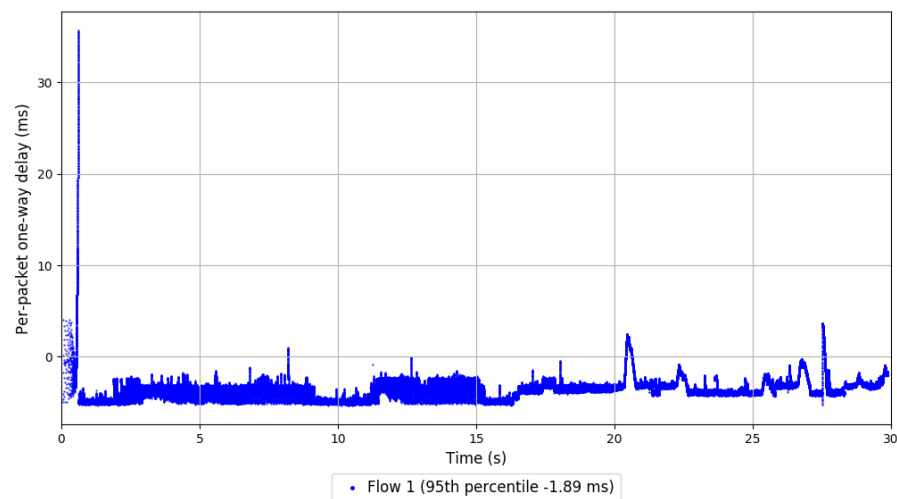
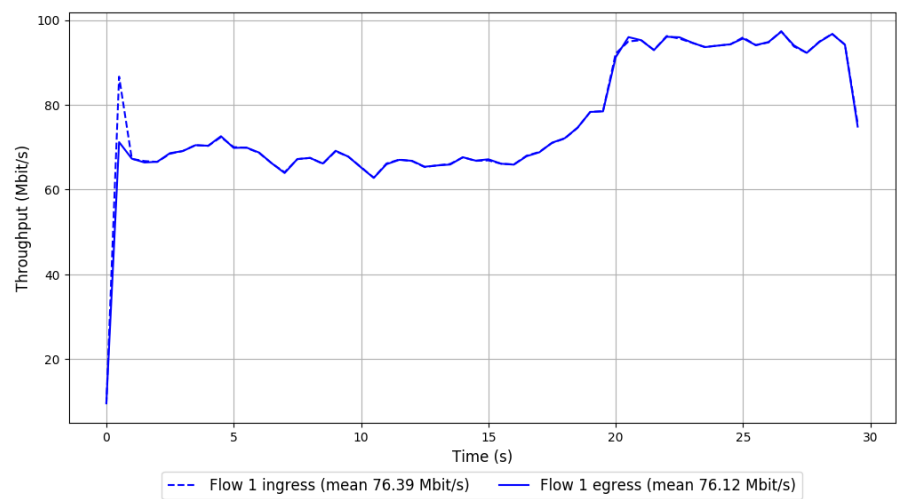


Run 3: Statistics of PCC

Start at: 2018-01-25 09:33:48
End at: 2018-01-25 09:34:18
Local clock offset: 2.016 ms
Remote clock offset: -18.446 ms

Below is generated by plot.py at 2018-01-25 12:25:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.12 Mbit/s
95th percentile per-packet one-way delay: -1.892 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 76.12 Mbit/s
95th percentile per-packet one-way delay: -1.892 ms
Loss rate: 0.35%

Run 3: Report of PCC — Data Link

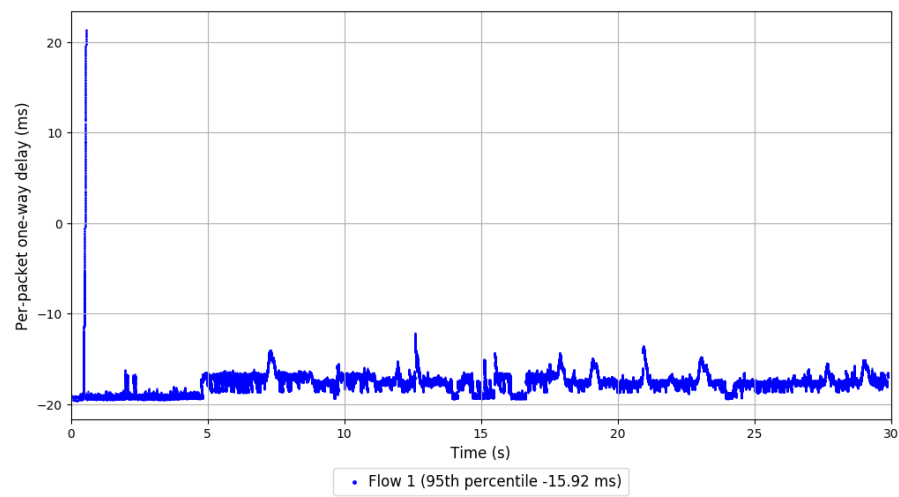
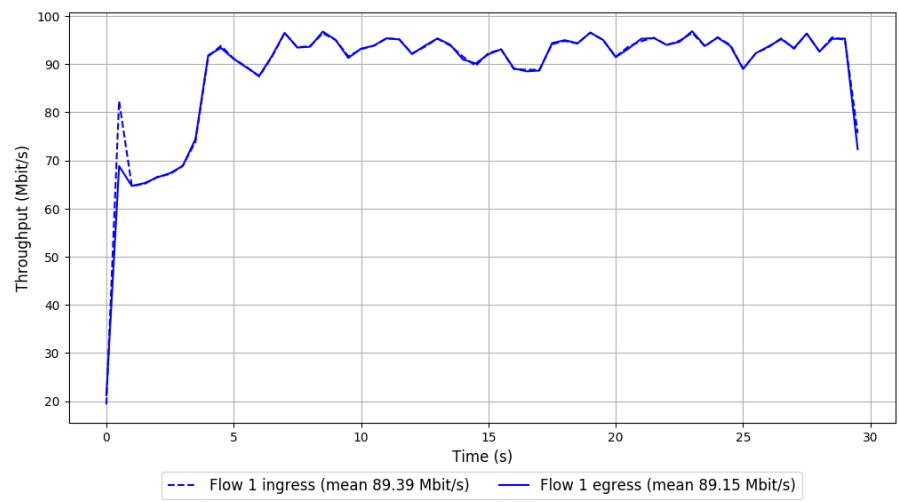


Run 4: Statistics of PCC

Start at: 2018-01-25 09:52:43
End at: 2018-01-25 09:53:13
Local clock offset: 4.312 ms
Remote clock offset: -28.919 ms

Below is generated by plot.py at 2018-01-25 12:25:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: -15.919 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: -15.919 ms
Loss rate: 0.26%

Run 4: Report of PCC — Data Link

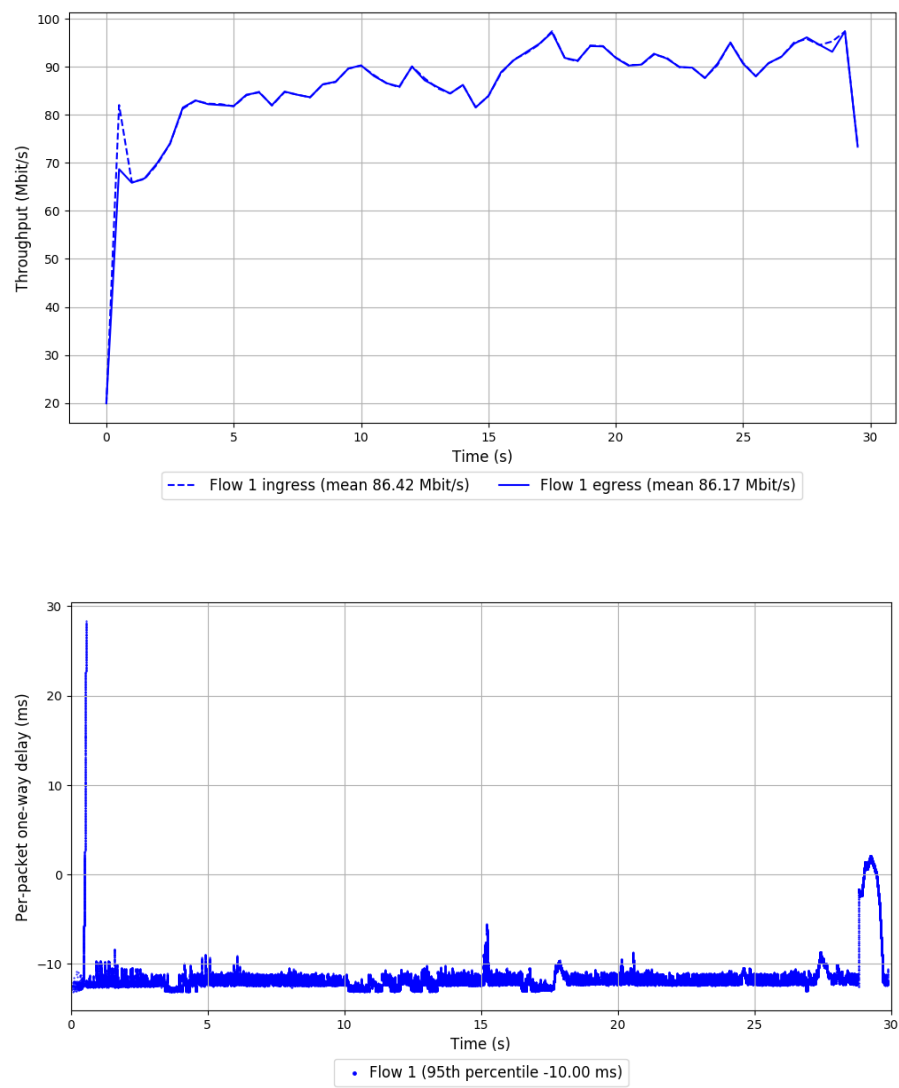


Run 5: Statistics of PCC

Start at: 2018-01-25 10:11:11
End at: 2018-01-25 10:11:41
Local clock offset: 2.983 ms
Remote clock offset: -23.129 ms

Below is generated by plot.py at 2018-01-25 12:25:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: -10.004 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: -10.004 ms
Loss rate: 0.28%

Run 5: Report of PCC — Data Link

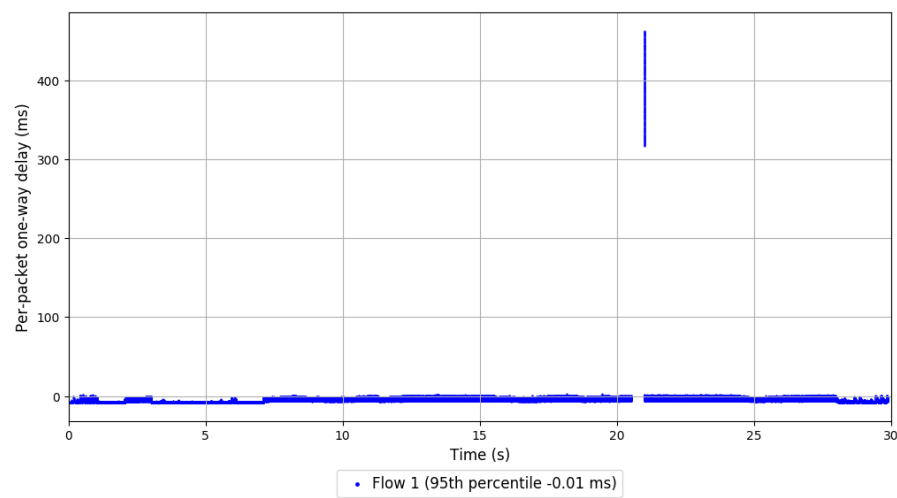
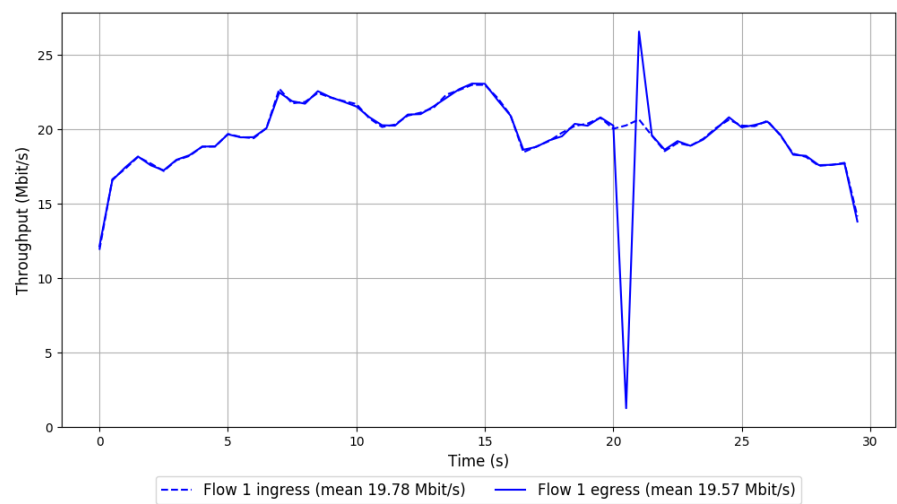


Run 6: Statistics of PCC

Start at: 2018-01-25 10:29:48
End at: 2018-01-25 10:30:18
Local clock offset: 3.603 ms
Remote clock offset: -15.648 ms

Below is generated by plot.py at 2018-01-25 12:25:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.57 Mbit/s
95th percentile per-packet one-way delay: -0.010 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 19.57 Mbit/s
95th percentile per-packet one-way delay: -0.010 ms
Loss rate: 1.09%

Run 6: Report of PCC — Data Link

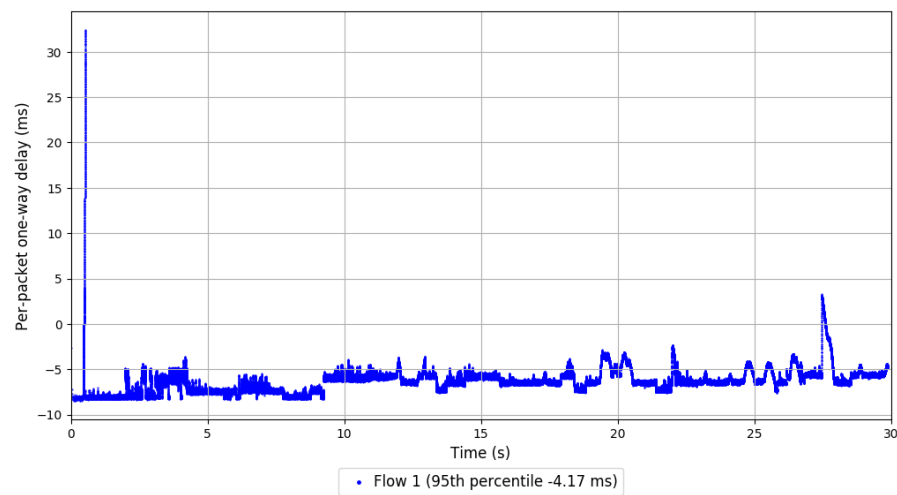
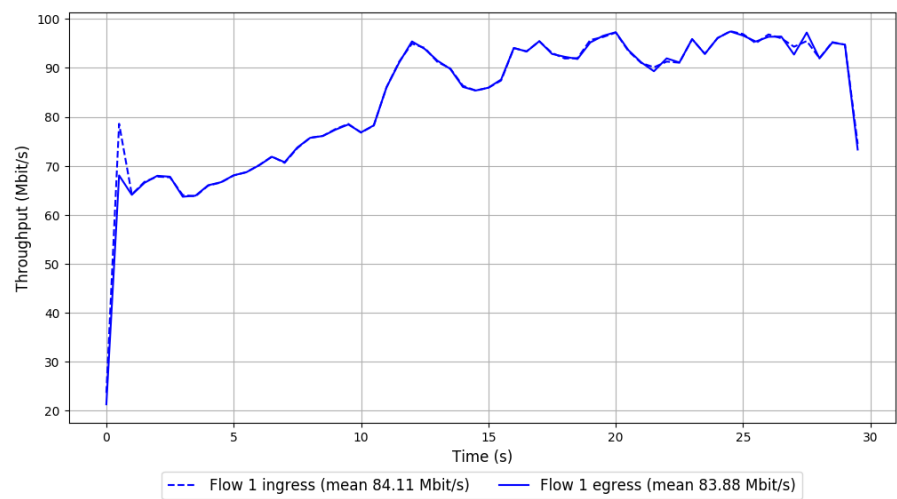


Run 7: Statistics of PCC

Start at: 2018-01-25 10:48:11
End at: 2018-01-25 10:48:41
Local clock offset: 4.771 ms
Remote clock offset: -14.434 ms

Below is generated by plot.py at 2018-01-25 12:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: -4.173 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: -4.173 ms
Loss rate: 0.28%

Run 7: Report of PCC — Data Link

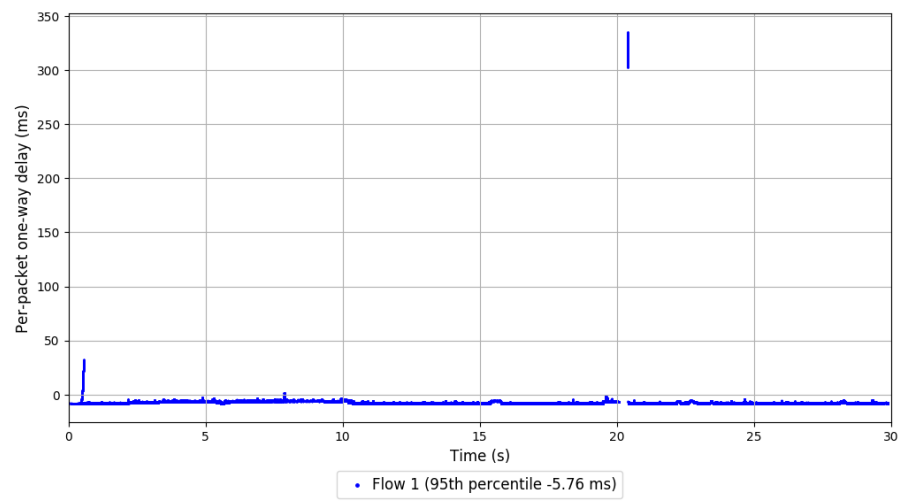
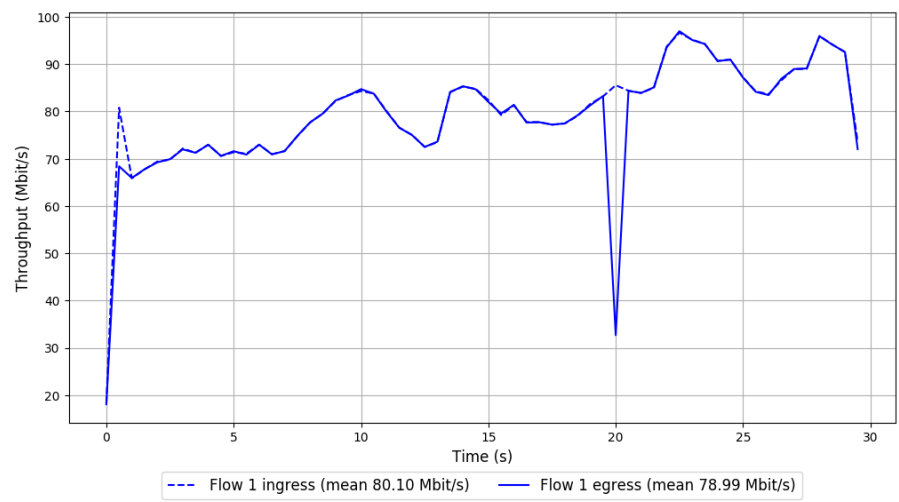


Run 8: Statistics of PCC

Start at: 2018-01-25 11:06:37
End at: 2018-01-25 11:07:07
Local clock offset: 4.543 ms
Remote clock offset: -16.812 ms

Below is generated by plot.py at 2018-01-25 12:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.99 Mbit/s
95th percentile per-packet one-way delay: -5.761 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 78.99 Mbit/s
95th percentile per-packet one-way delay: -5.761 ms
Loss rate: 1.39%

Run 8: Report of PCC — Data Link

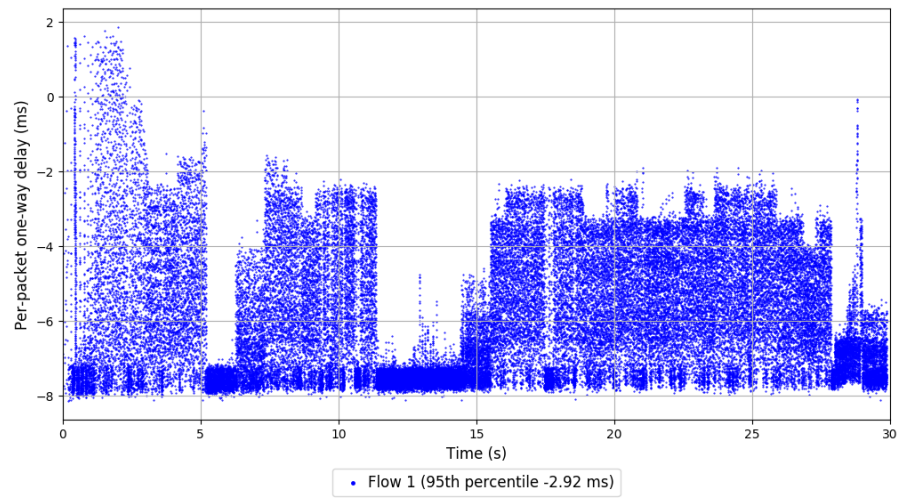
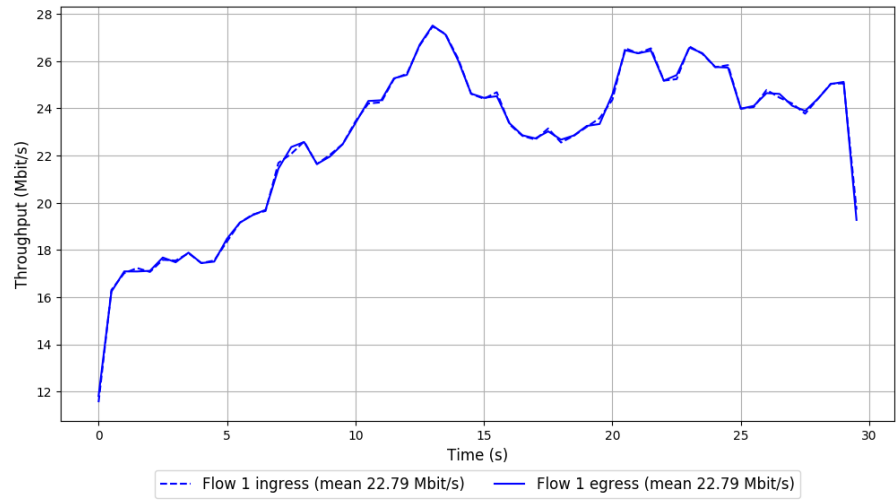


Run 9: Statistics of PCC

Start at: 2018-01-25 11:25:11
End at: 2018-01-25 11:25:41
Local clock offset: 4.779 ms
Remote clock offset: -17.584 ms

Below is generated by plot.py at 2018-01-25 12:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: -2.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 22.79 Mbit/s
95th percentile per-packet one-way delay: -2.920 ms
Loss rate: 0.00%

Run 9: Report of PCC — Data Link

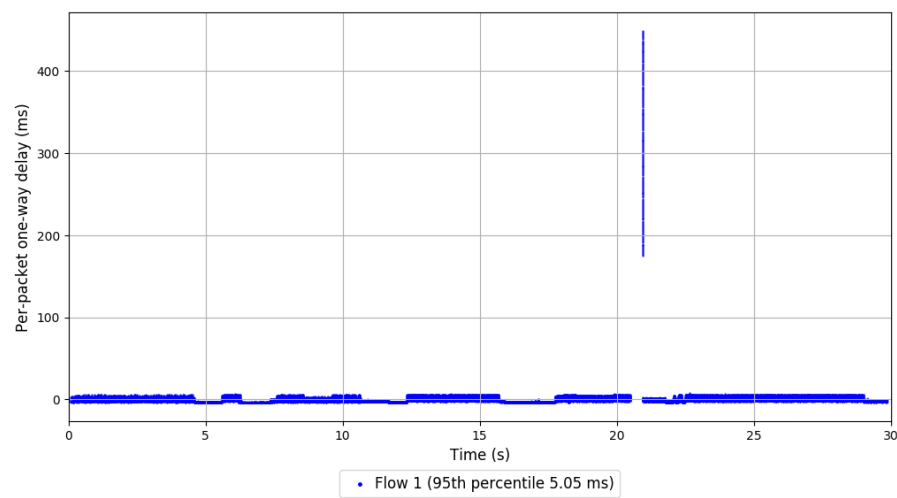
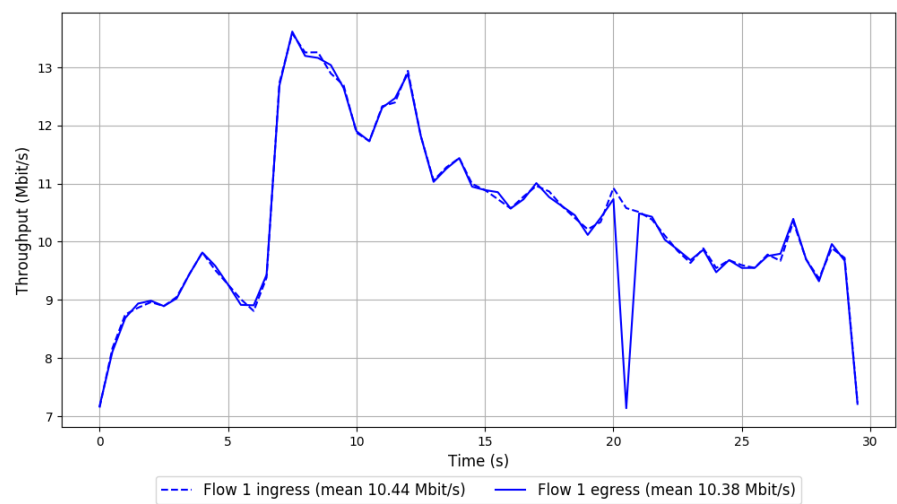


Run 10: Statistics of PCC

Start at: 2018-01-25 11:43:42
End at: 2018-01-25 11:44:12
Local clock offset: 0.515 ms
Remote clock offset: -17.551 ms

Below is generated by plot.py at 2018-01-25 12:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 5.046 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 5.046 ms
Loss rate: 0.59%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-25 09:04:39

End at: 2018-01-25 09:05:10

Local clock offset: 1.211 ms

Remote clock offset: -7.288 ms

Below is generated by plot.py at 2018-01-25 12:26:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.35 Mbit/s

95th percentile per-packet one-way delay: 42.005 ms

Loss rate: 0.41%

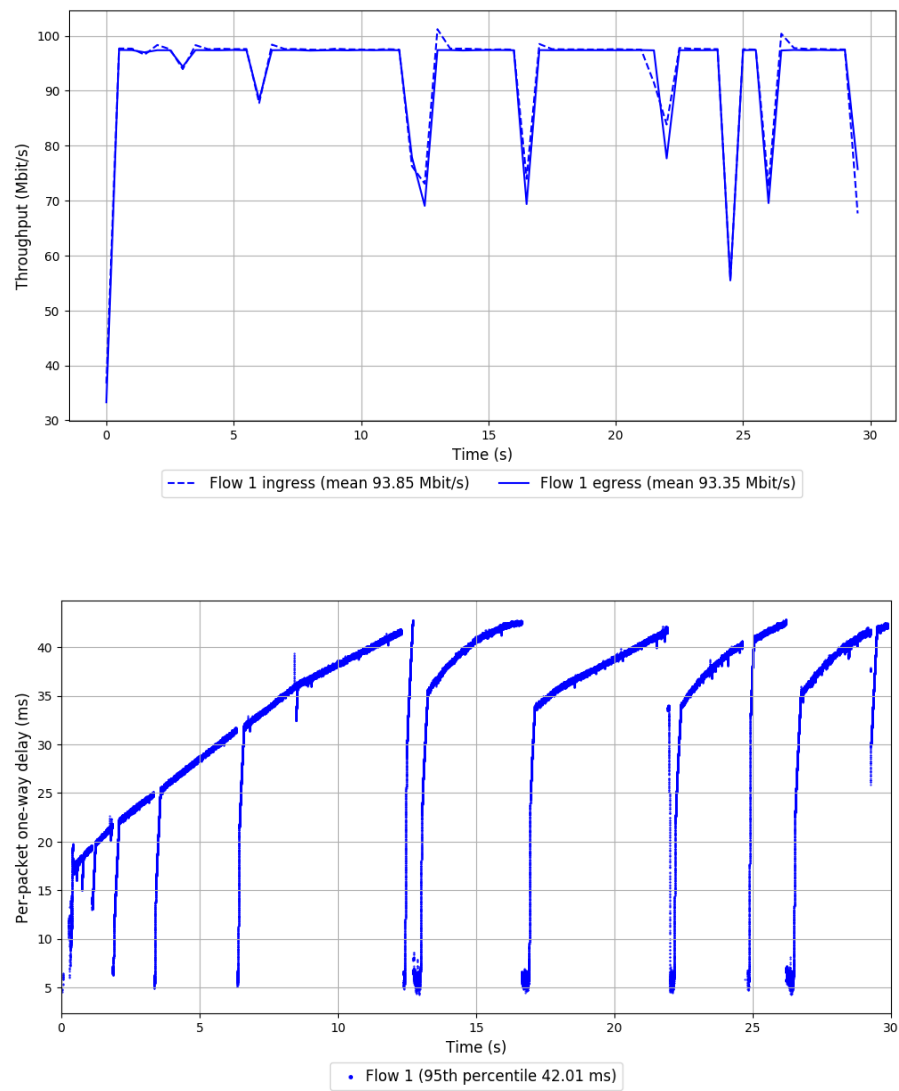
-- Flow 1:

Average throughput: 93.35 Mbit/s

95th percentile per-packet one-way delay: 42.005 ms

Loss rate: 0.41%

Run 1: Report of QUIC Cubic — Data Link

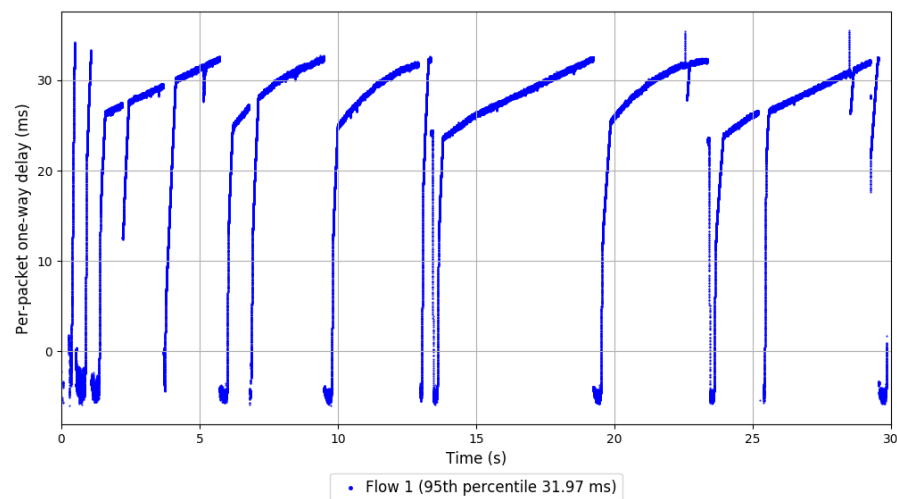
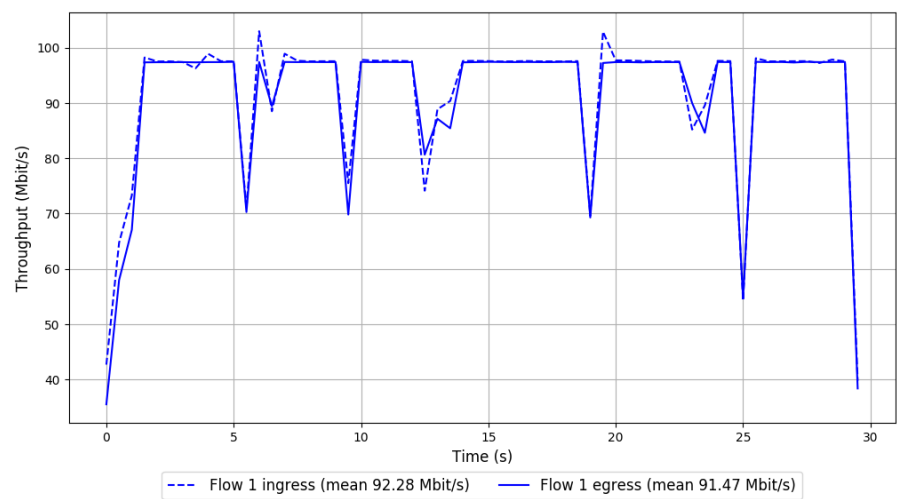


Run 2: Statistics of QUIC Cubic

Start at: 2018-01-25 09:23:16
End at: 2018-01-25 09:23:46
Local clock offset: 0.662 ms
Remote clock offset: -19.595 ms

Below is generated by plot.py at 2018-01-25 12:26:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 31.968 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 91.47 Mbit/s
95th percentile per-packet one-way delay: 31.968 ms
Loss rate: 0.88%

Run 2: Report of QUIC Cubic — Data Link

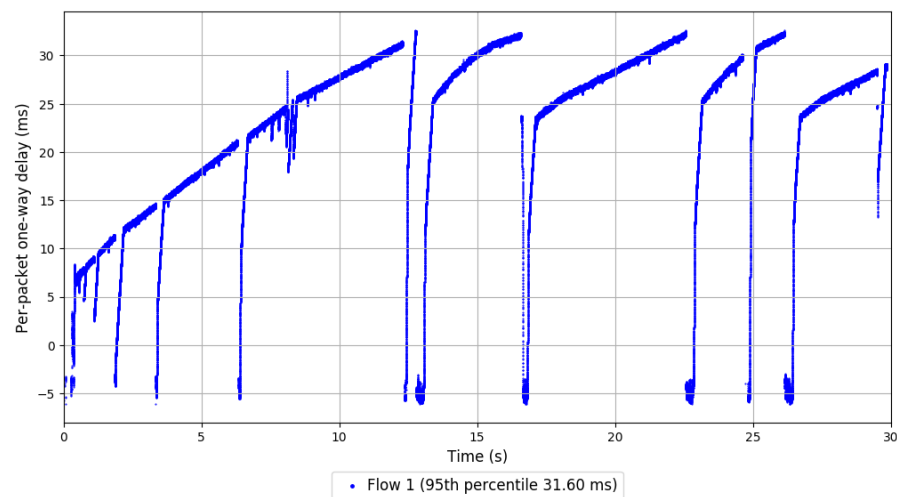
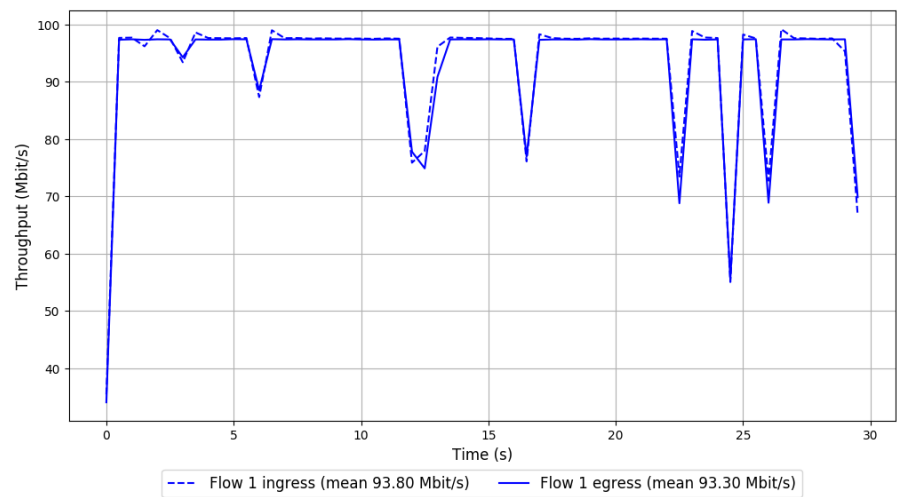


Run 3: Statistics of QUIC Cubic

Start at: 2018-01-25 09:42:04
End at: 2018-01-25 09:42:34
Local clock offset: 1.834 ms
Remote clock offset: -18.722 ms

Below is generated by plot.py at 2018-01-25 12:26:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 31.598 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 93.30 Mbit/s
95th percentile per-packet one-way delay: 31.598 ms
Loss rate: 0.42%

Run 3: Report of QUIC Cubic — Data Link

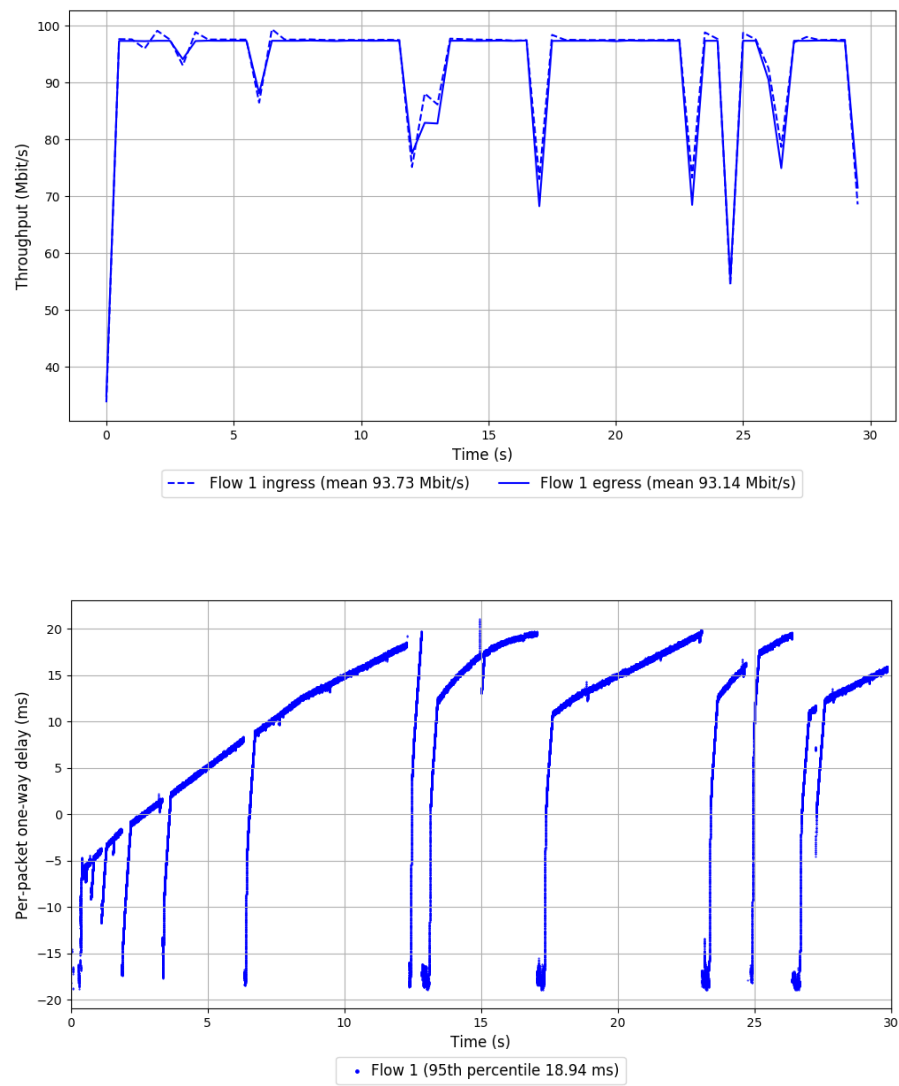


Run 4: Statistics of QUIC Cubic

Start at: 2018-01-25 10:00:48
End at: 2018-01-25 10:01:18
Local clock offset: 3.03 ms
Remote clock offset: -29.558 ms

Below is generated by plot.py at 2018-01-25 12:26:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 18.944 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 18.944 ms
Loss rate: 0.52%

Run 4: Report of QUIC Cubic — Data Link

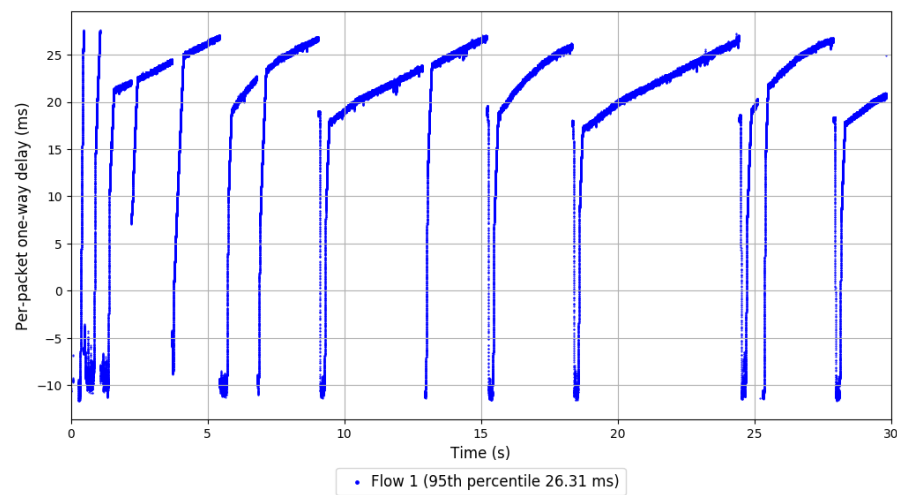
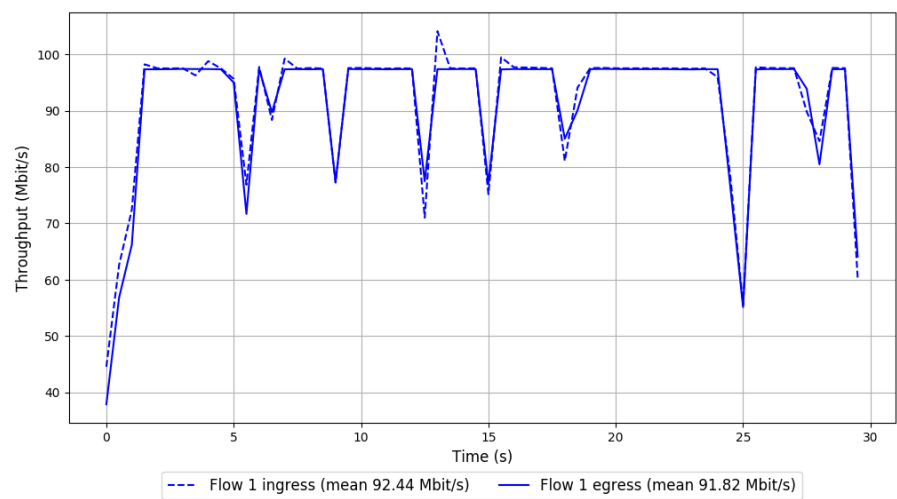


Run 5: Statistics of QUIC Cubic

Start at: 2018-01-25 10:19:20
End at: 2018-01-25 10:19:50
Local clock offset: 4.969 ms
Remote clock offset: -19.679 ms

Below is generated by plot.py at 2018-01-25 12:26:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.82 Mbit/s
95th percentile per-packet one-way delay: 26.309 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 91.82 Mbit/s
95th percentile per-packet one-way delay: 26.309 ms
Loss rate: 0.55%

Run 5: Report of QUIC Cubic — Data Link

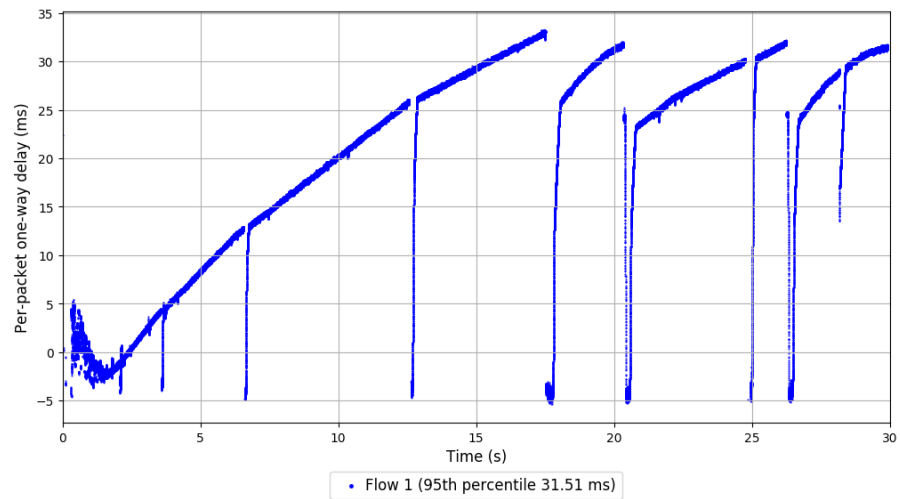
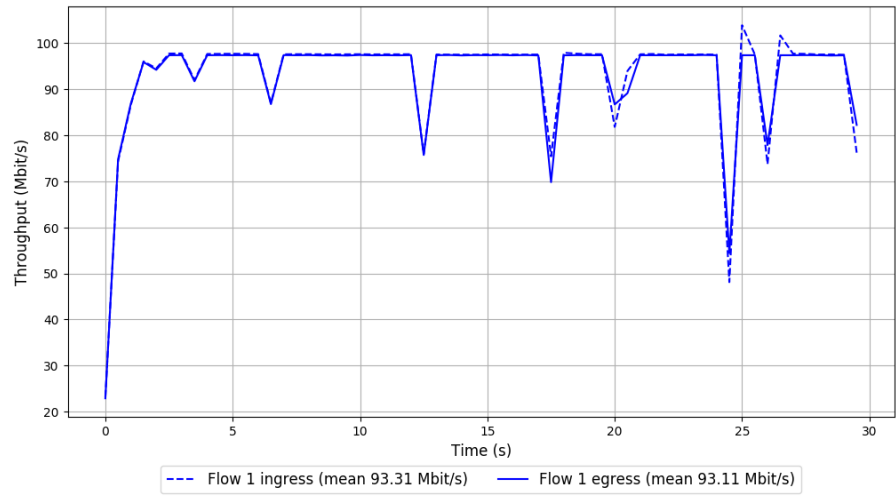


Run 6: Statistics of QUIC Cubic

Start at: 2018-01-25 10:37:50
End at: 2018-01-25 10:38:20
Local clock offset: 1.876 ms
Remote clock offset: -13.501 ms

Below is generated by plot.py at 2018-01-25 12:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 31.509 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: 31.509 ms
Loss rate: 0.18%

Run 6: Report of QUIC Cubic — Data Link

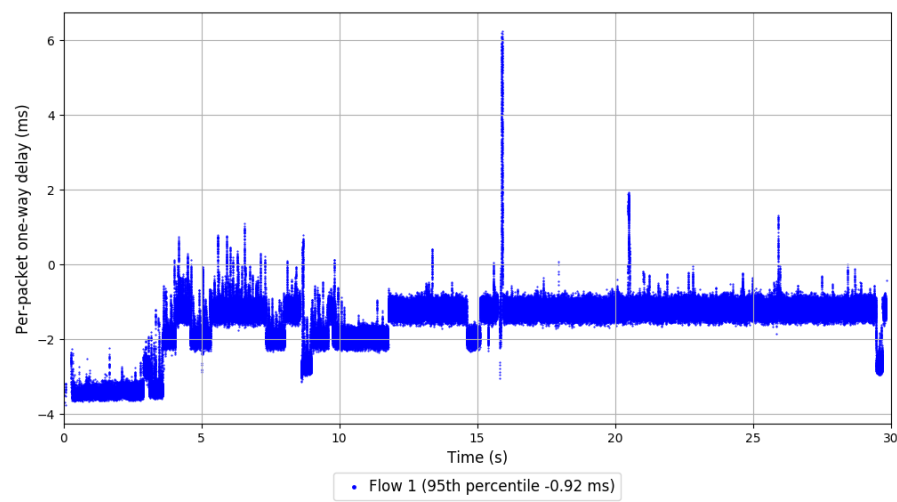
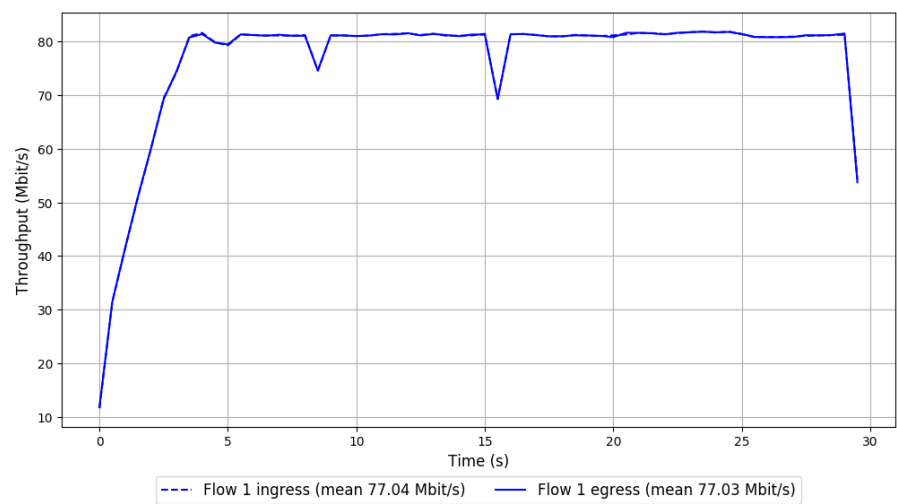


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-25 10:56:13
End at: 2018-01-25 10:56:43
Local clock offset: -0.119 ms
Remote clock offset: -15.599 ms

Below is generated by plot.py at 2018-01-25 12:27:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.03 Mbit/s
95th percentile per-packet one-way delay: -0.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.03 Mbit/s
95th percentile per-packet one-way delay: -0.916 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

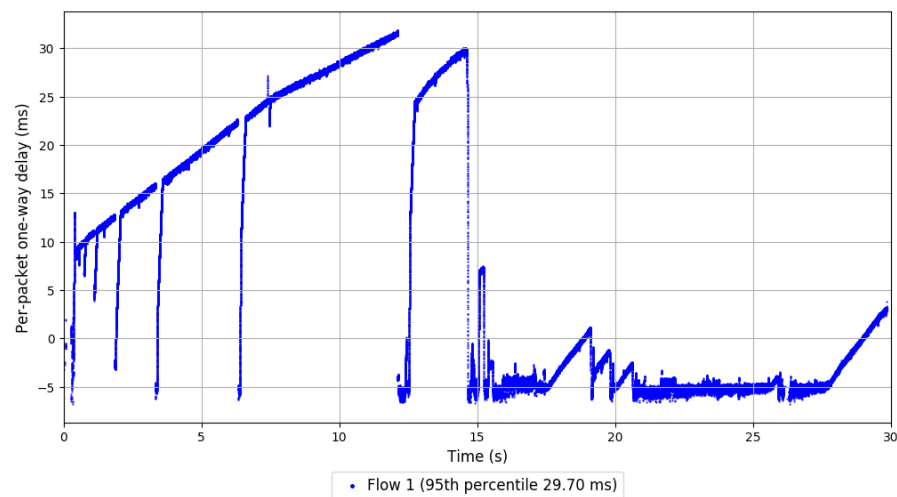
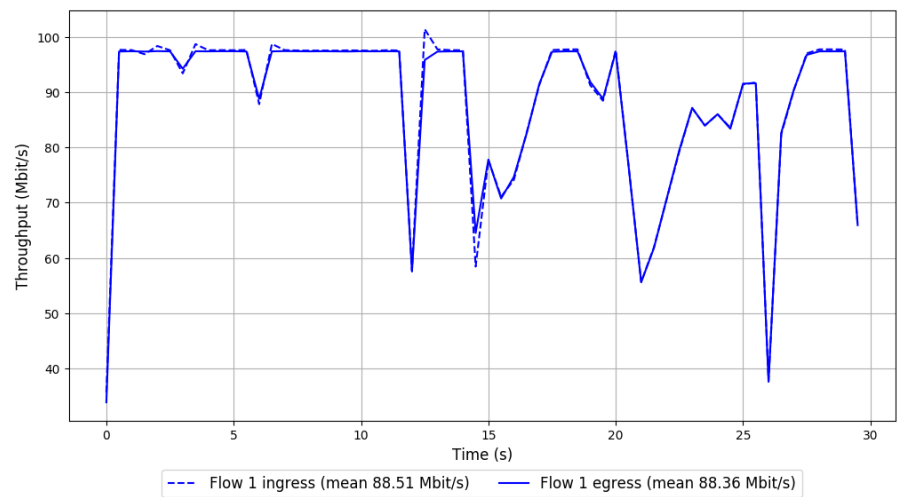


Run 8: Statistics of QUIC Cubic

Start at: 2018-01-25 11:14:52
End at: 2018-01-25 11:15:22
Local clock offset: 4.367 ms
Remote clock offset: -16.341 ms

Below is generated by plot.py at 2018-01-25 12:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 29.695 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 29.695 ms
Loss rate: 0.15%

Run 8: Report of QUIC Cubic — Data Link

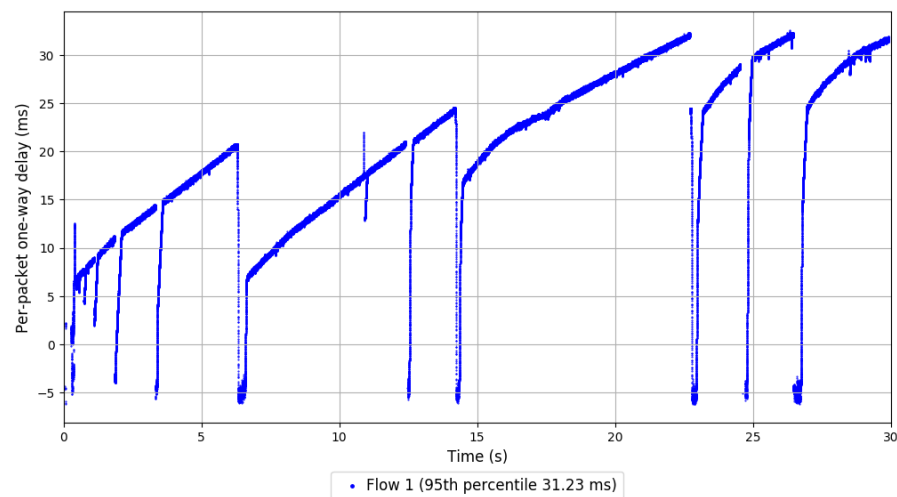
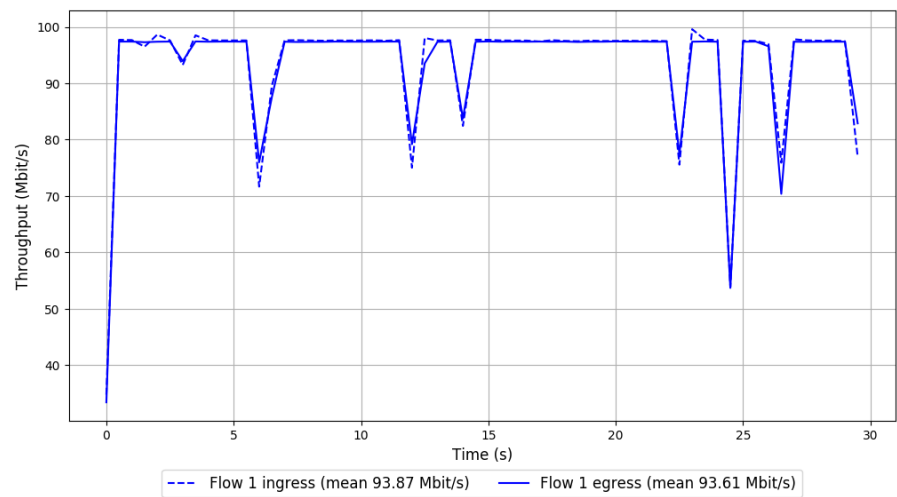


Run 9: Statistics of QUIC Cubic

Start at: 2018-01-25 11:33:17
End at: 2018-01-25 11:33:47
Local clock offset: 2.431 ms
Remote clock offset: -18.069 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 31.235 ms
Loss rate: 0.16%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-25 11:51:50

End at: 2018-01-25 11:52:20

Local clock offset: 4.525 ms

Remote clock offset: -18.084 ms

Below is generated by plot.py at 2018-01-25 12:28:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.70 Mbit/s

95th percentile per-packet one-way delay: 28.430 ms

Loss rate: 0.21%

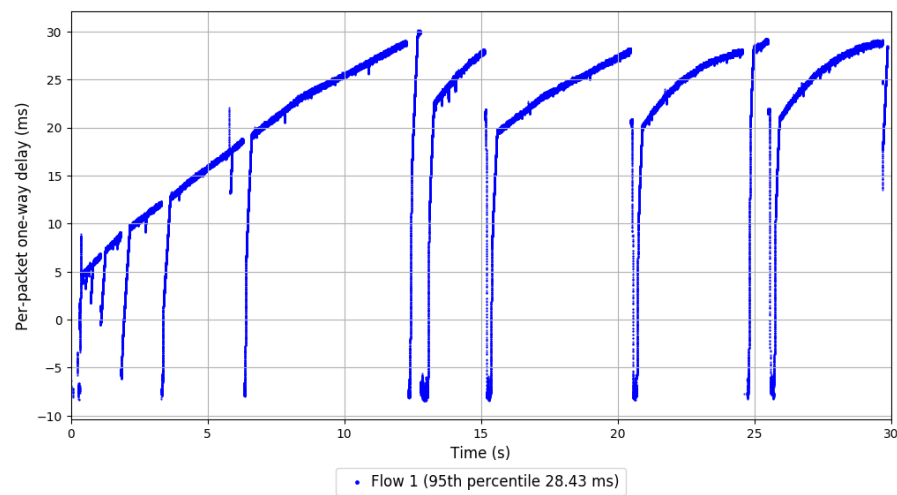
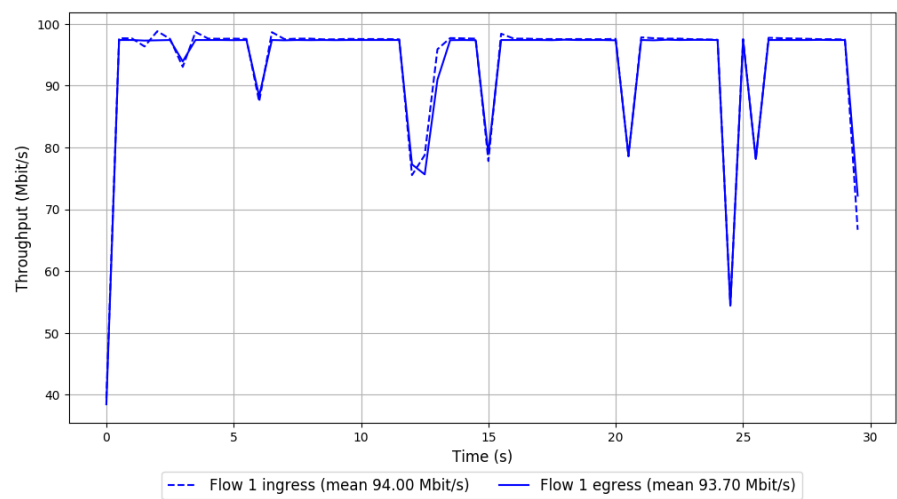
-- Flow 1:

Average throughput: 93.70 Mbit/s

95th percentile per-packet one-way delay: 28.430 ms

Loss rate: 0.21%

Run 10: Report of QUIC Cubic — Data Link

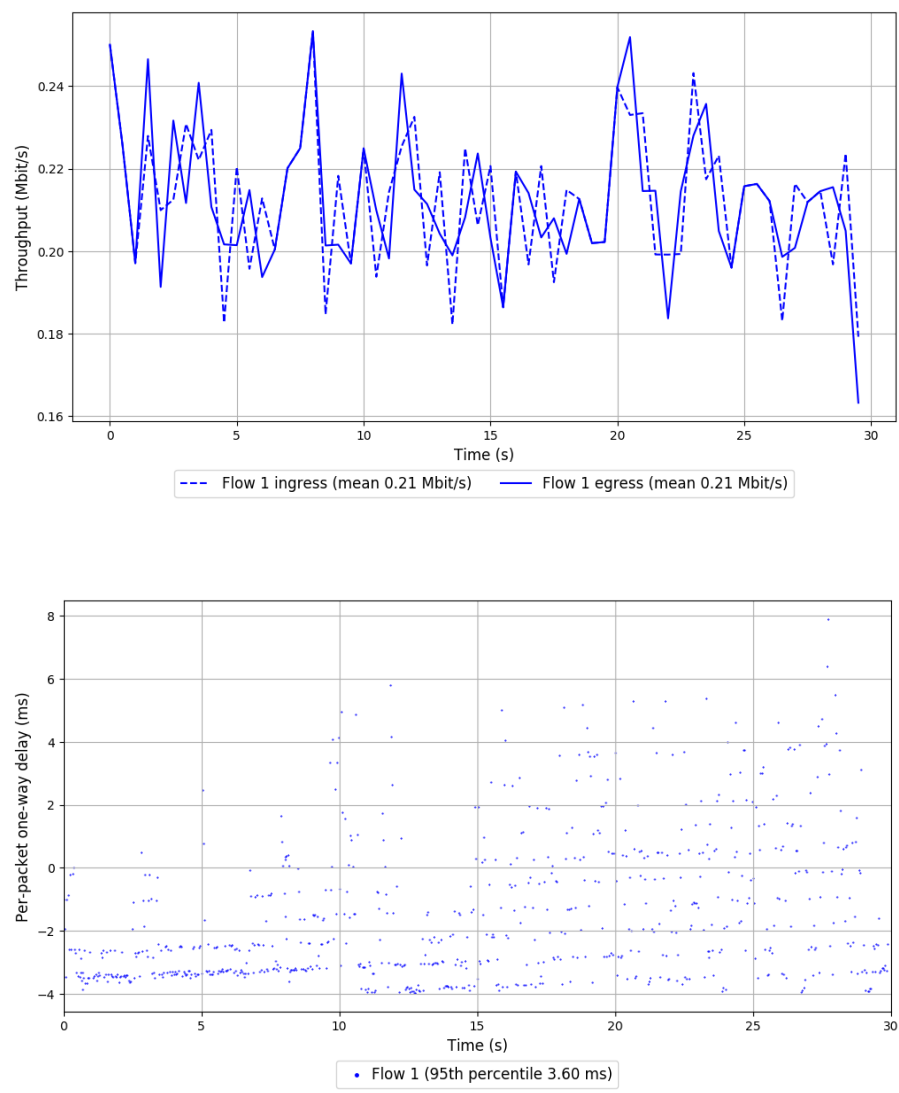


```
Run 1: Statistics of SCReAM

Start at: 2018-01-25 09:00:00
End at: 2018-01-25 09:00:30
Local clock offset: 2.324 ms
Remote clock offset: -13.559 ms

# Below is generated by plot.py at 2018-01-25 12:28:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3.599 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3.599 ms
Loss rate: 0.13%
```

Run 1: Report of SReAM — Data Link

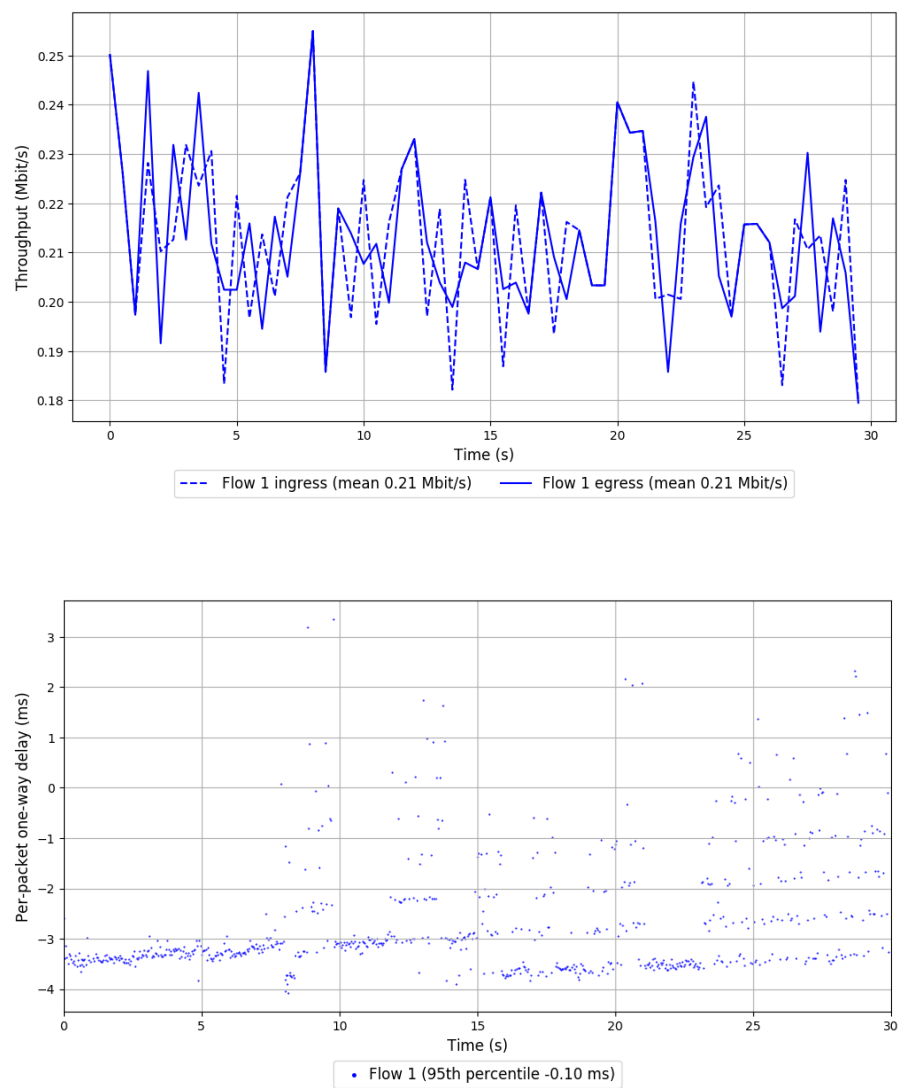


Run 2: Statistics of SCReAM

Start at: 2018-01-25 09:18:43
End at: 2018-01-25 09:19:13
Local clock offset: 0.405 ms
Remote clock offset: -17.609 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.103 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

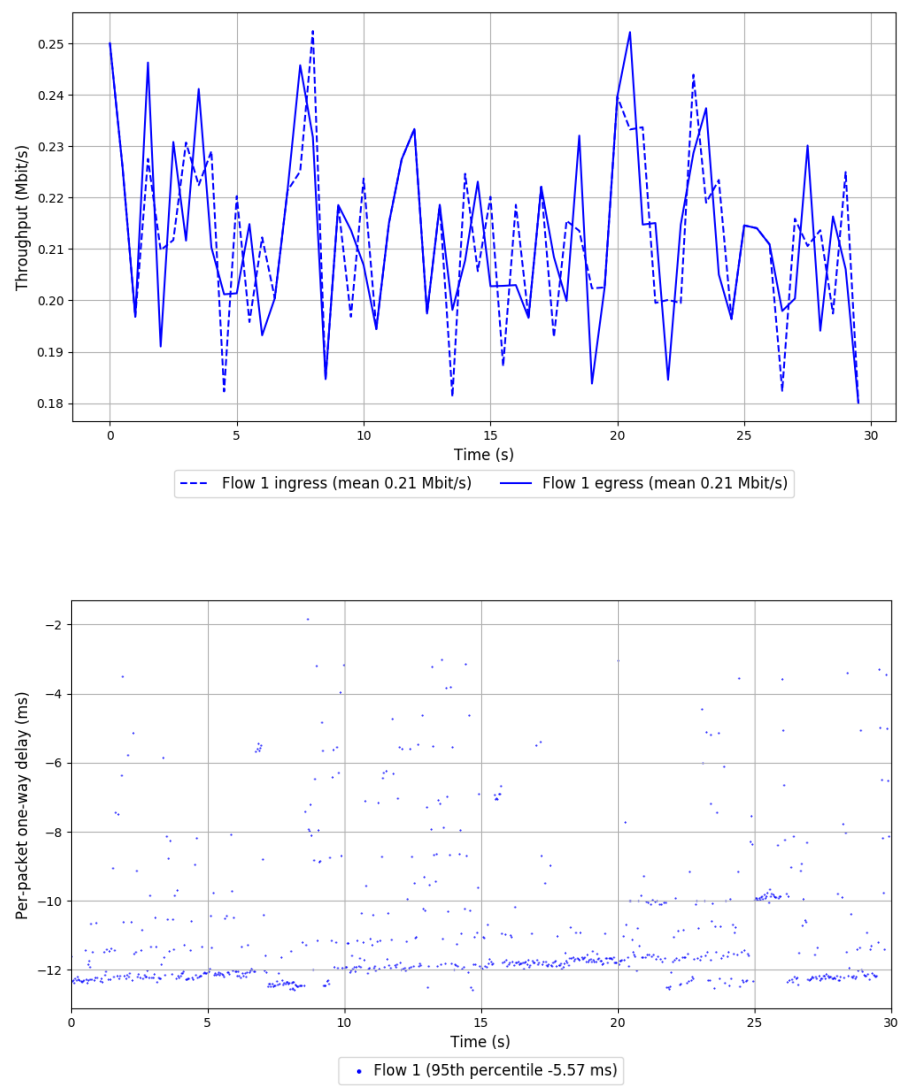


Run 3: Statistics of SCReAM

Start at: 2018-01-25 09:37:21
End at: 2018-01-25 09:37:51
Local clock offset: 0.454 ms
Remote clock offset: -26.777 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.568 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

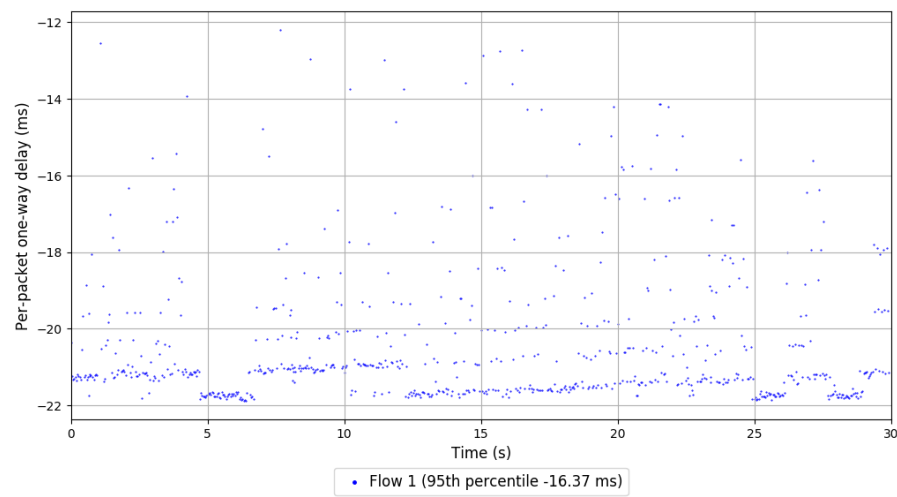
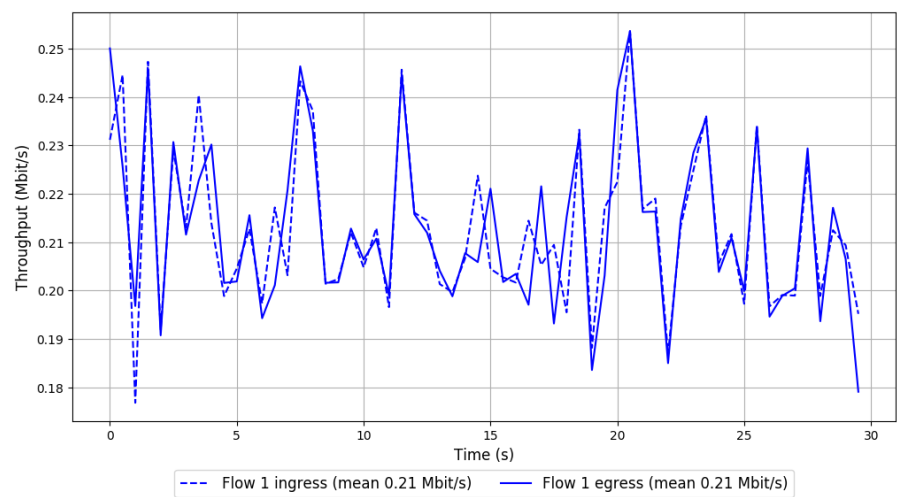


Run 4: Statistics of SCReAM

Start at: 2018-01-25 09:56:15
End at: 2018-01-25 09:56:45
Local clock offset: 5.533 ms
Remote clock offset: -30.098 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -16.366 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -16.366 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

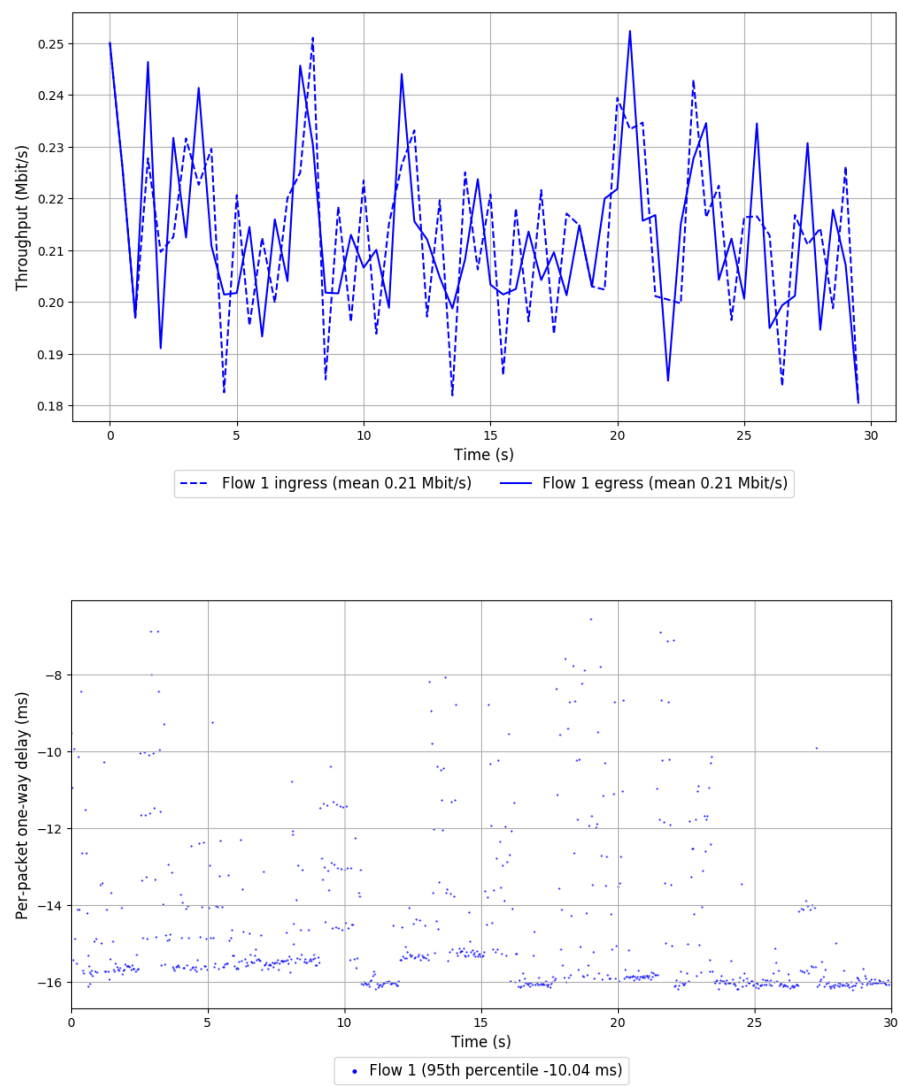


Run 5: Statistics of SCReAM

Start at: 2018-01-25 10:14:42
End at: 2018-01-25 10:15:12
Local clock offset: 3.546 ms
Remote clock offset: -25.807 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -10.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -10.037 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

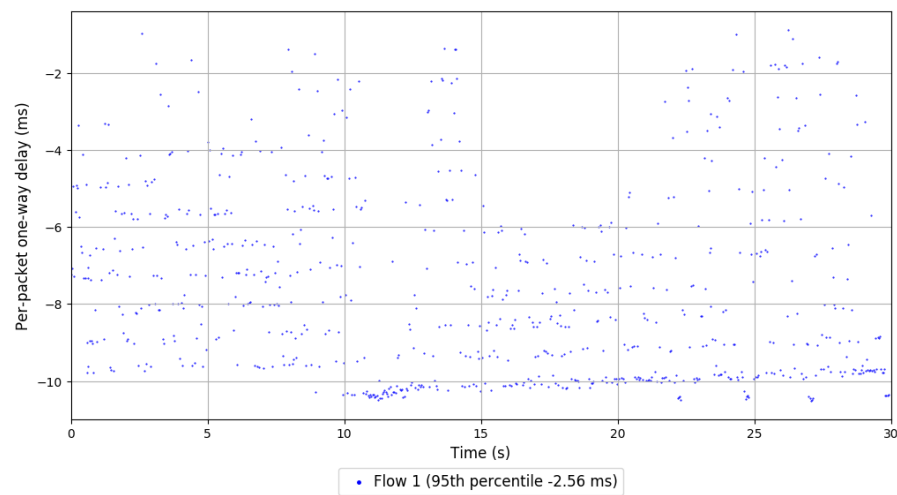
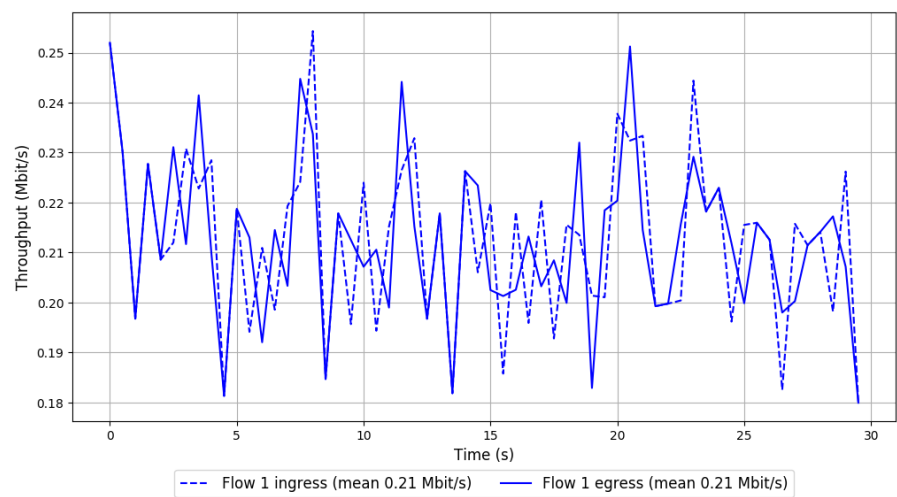


Run 6: Statistics of SCReAM

Start at: 2018-01-25 10:33:16
End at: 2018-01-25 10:33:46
Local clock offset: 3.074 ms
Remote clock offset: -17.739 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -2.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -2.565 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

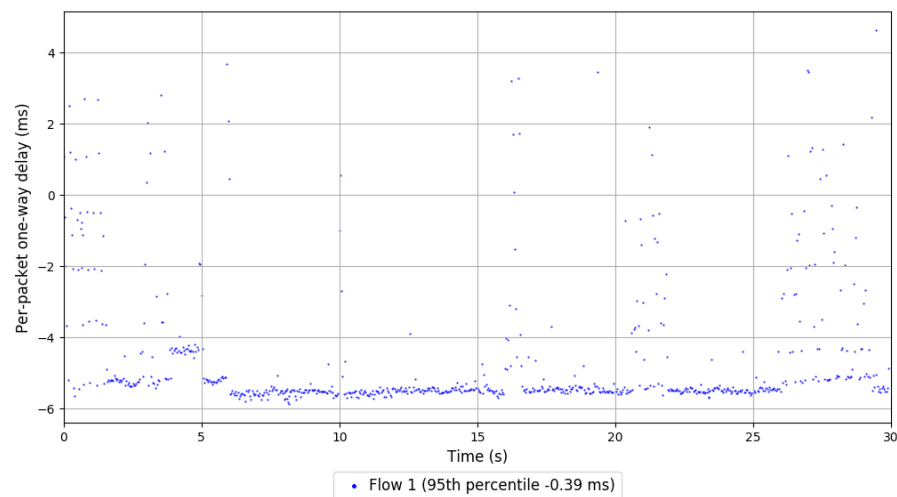
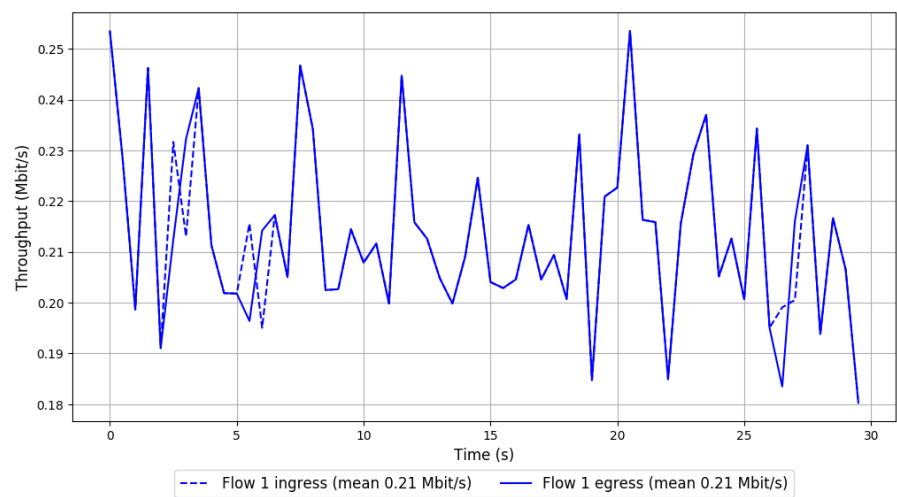


Run 7: Statistics of SCReAM

Start at: 2018-01-25 10:51:42
End at: 2018-01-25 10:52:12
Local clock offset: 1.563 ms
Remote clock offset: -15.499 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -0.388 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

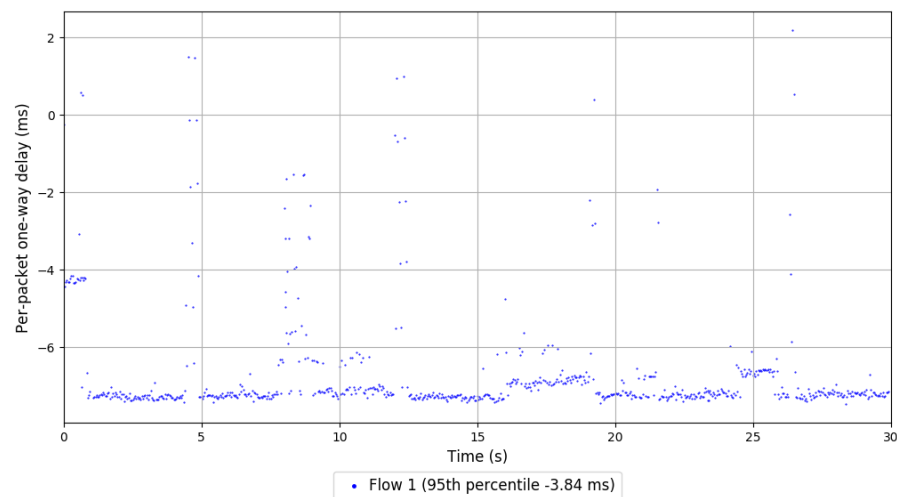
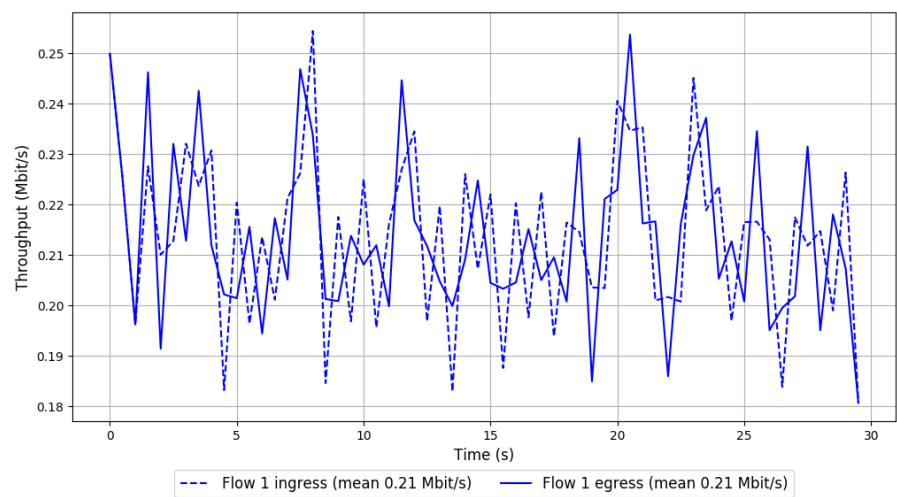


Run 8: Statistics of SCReAM

Start at: 2018-01-25 11:10:12
End at: 2018-01-25 11:10:42
Local clock offset: 4.849 ms
Remote clock offset: -15.974 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.838 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

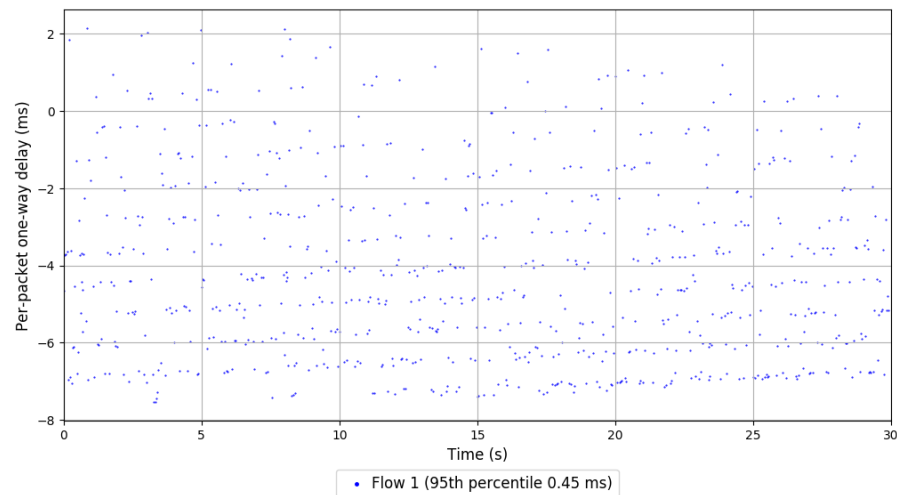
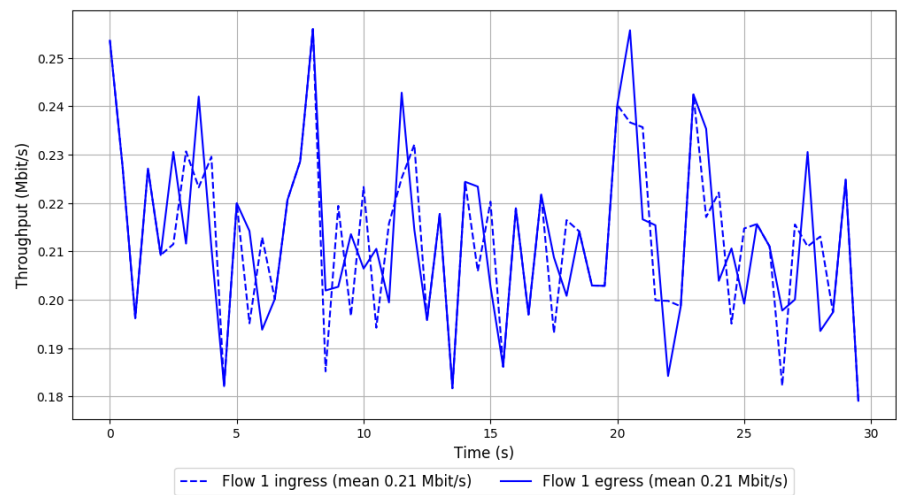


Run 9: Statistics of SReAM

Start at: 2018-01-25 11:28:38
End at: 2018-01-25 11:29:08
Local clock offset: 4.408 ms
Remote clock offset: -17.43 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.447 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 0.447 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

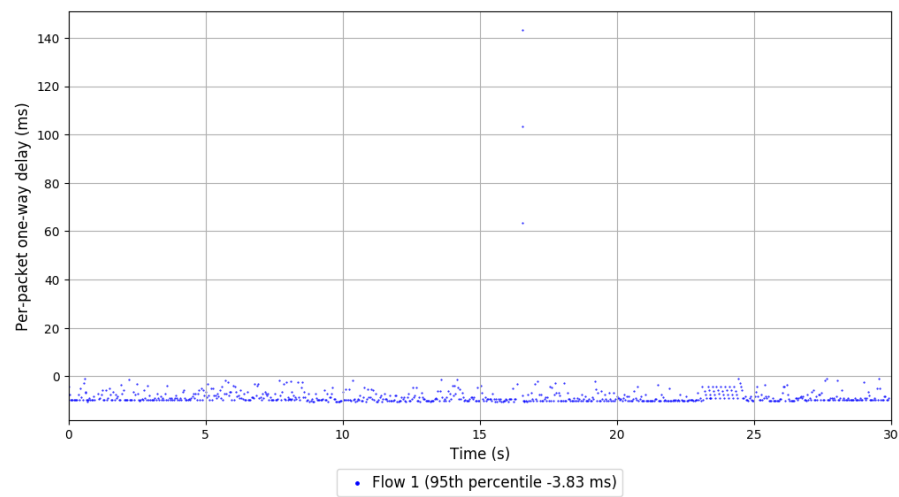
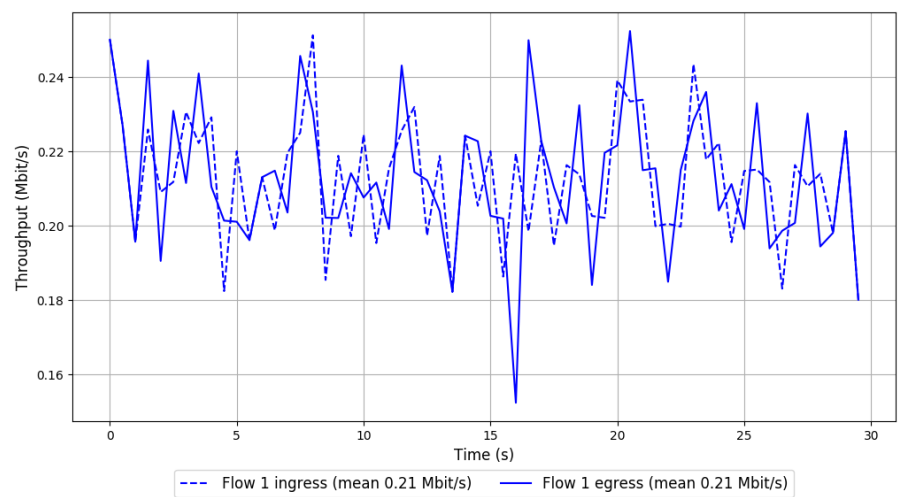


Run 10: Statistics of SCReAM

Start at: 2018-01-25 11:47:14
End at: 2018-01-25 11:47:44
Local clock offset: 5.747 ms
Remote clock offset: -19.02 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.829 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.829 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

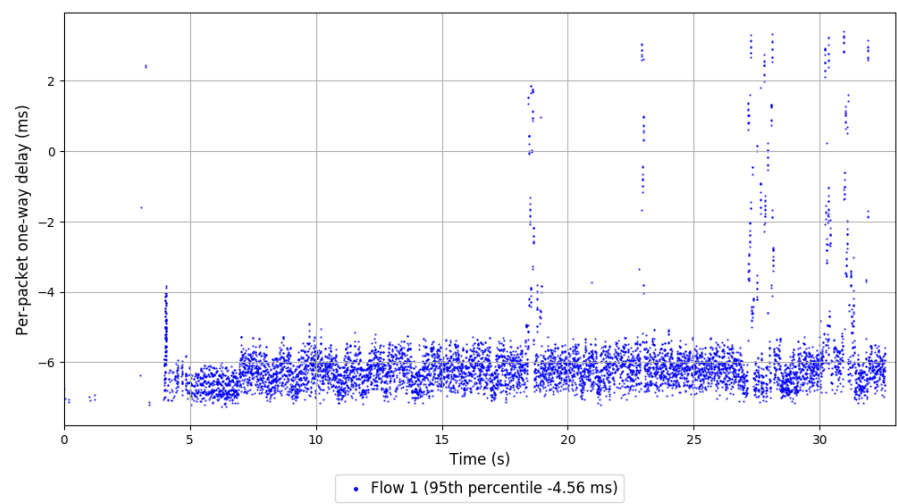
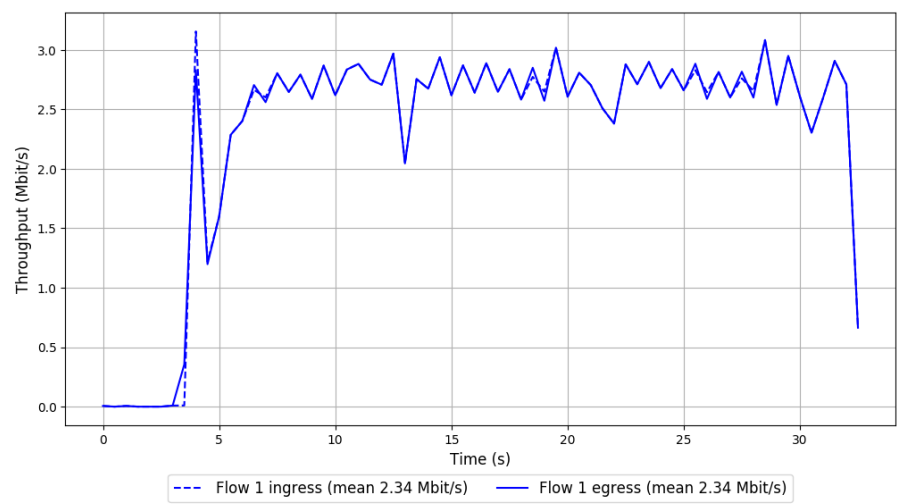


```
Run 1: Statistics of WebRTC media

Start at: 2018-01-25 08:49:32
End at: 2018-01-25 08:50:02
Local clock offset: 0.137 ms
Remote clock offset: -17.173 ms

# Below is generated by plot.py at 2018-01-25 12:28:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.557 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.557 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link

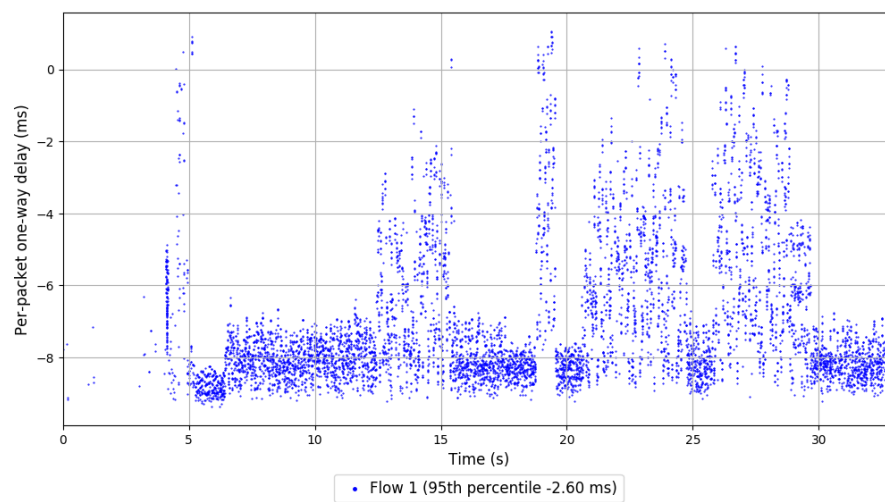
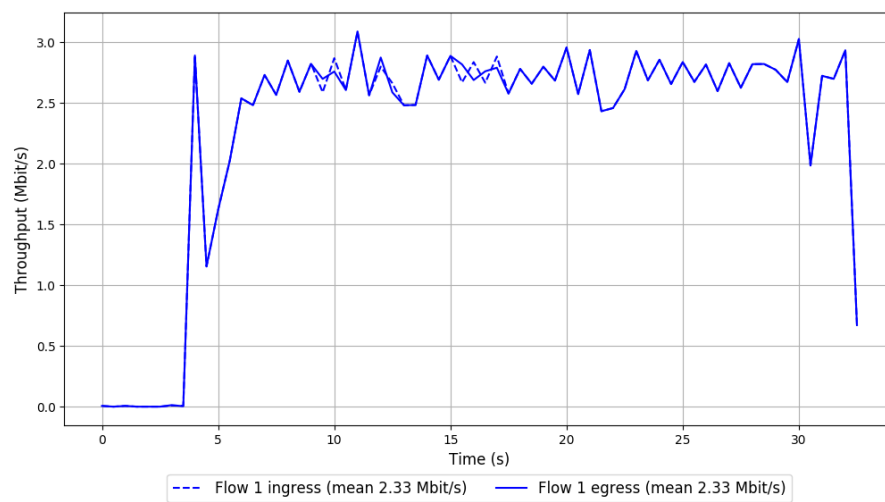


Run 2: Statistics of WebRTC media

Start at: 2018-01-25 09:08:15
End at: 2018-01-25 09:08:45
Local clock offset: 3.634 ms
Remote clock offset: -18.488 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -2.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -2.603 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

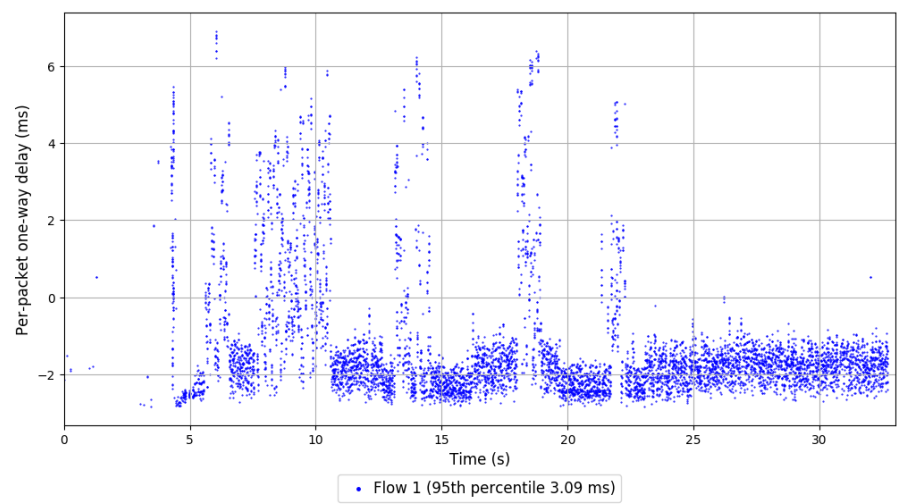
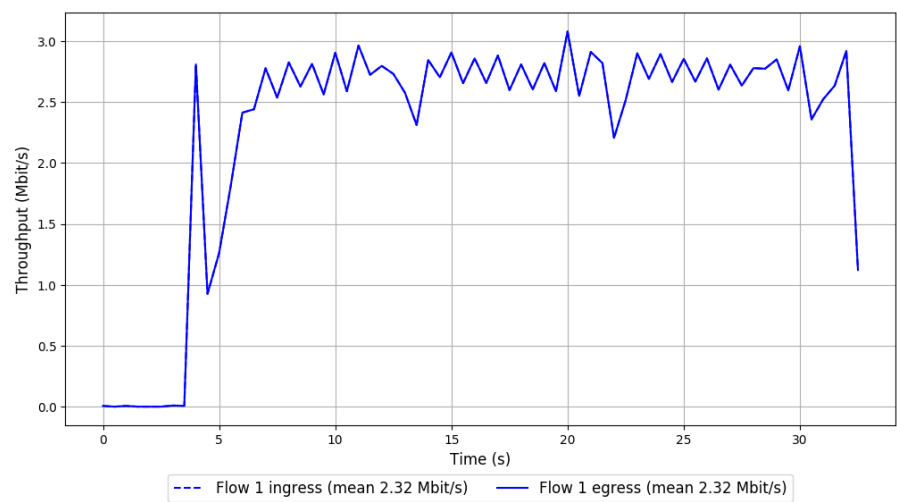


Run 3: Statistics of WebRTC media

Start at: 2018-01-25 09:26:55
End at: 2018-01-25 09:27:25
Local clock offset: -0.782 ms
Remote clock offset: -17.999 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.089 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

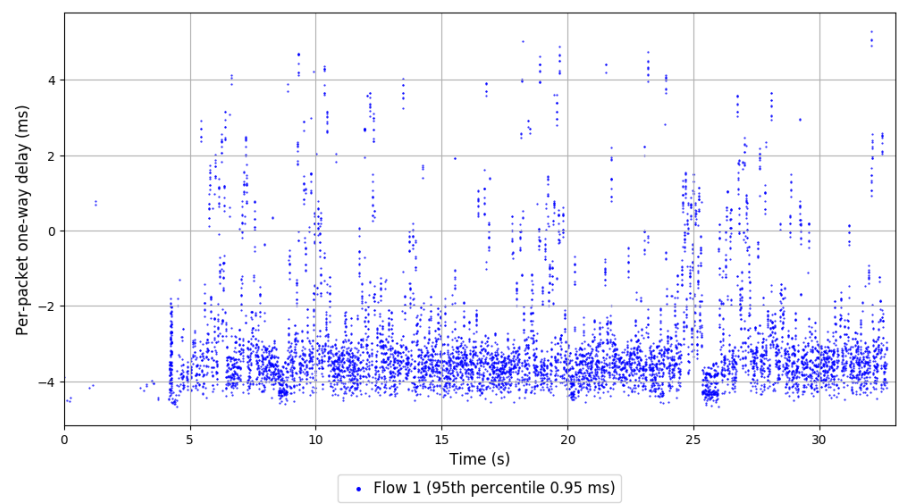
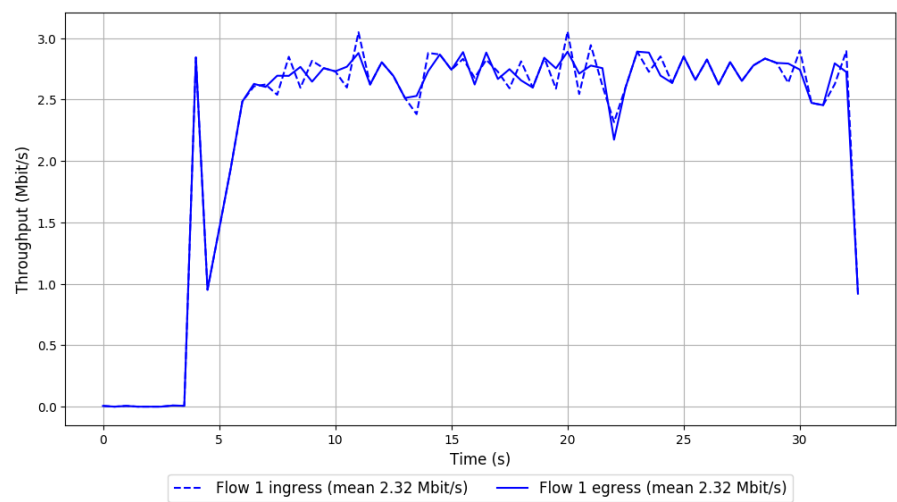


Run 4: Statistics of WebRTC media

Start at: 2018-01-25 09:45:45
End at: 2018-01-25 09:46:15
Local clock offset: 0.638 ms
Remote clock offset: -17.993 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 0.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 0.946 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

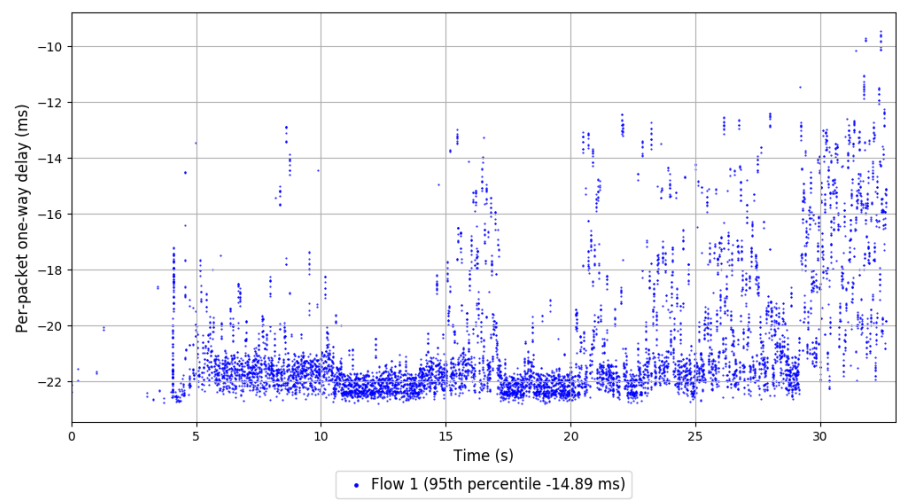
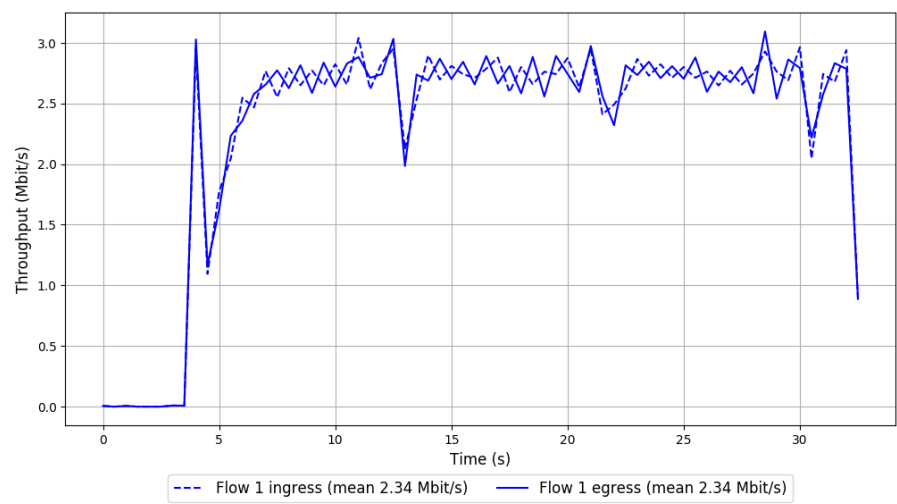


Run 5: Statistics of WebRTC media

Start at: 2018-01-25 10:04:19
End at: 2018-01-25 10:04:49
Local clock offset: 2.476 ms
Remote clock offset: -33.472 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -14.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -14.889 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

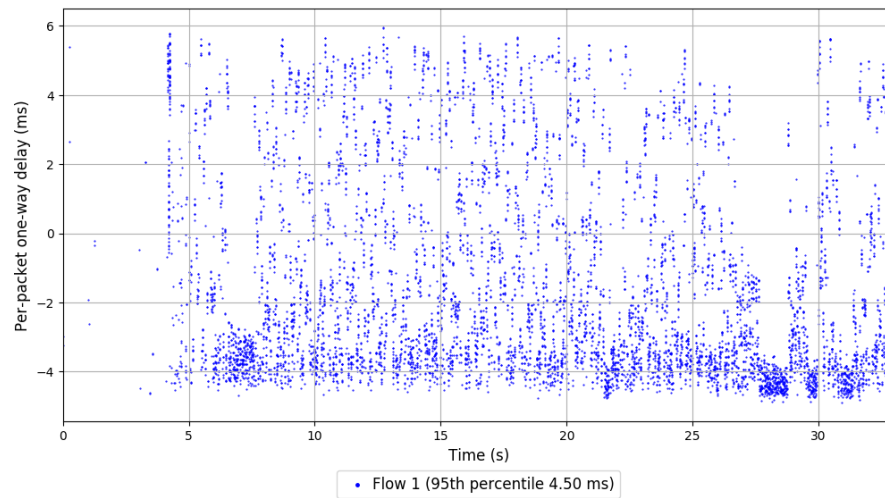
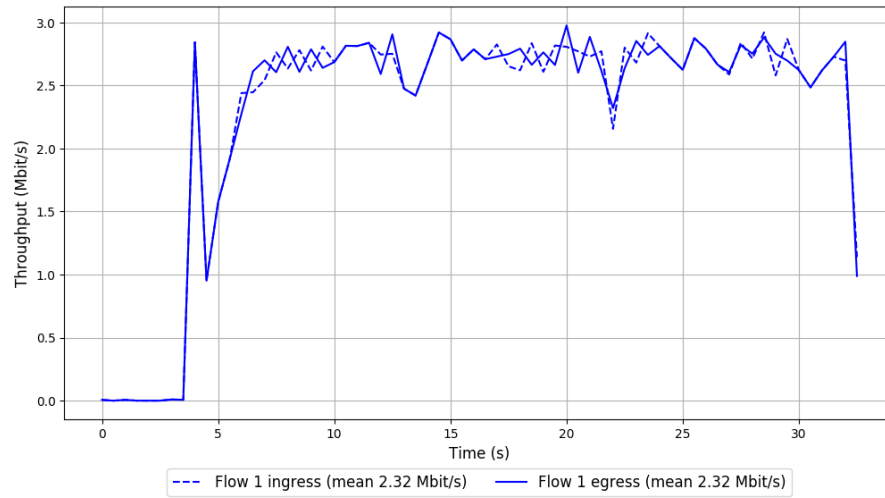


Run 6: Statistics of WebRTC media

Start at: 2018-01-25 10:22:52
End at: 2018-01-25 10:23:22
Local clock offset: 2.188 ms
Remote clock offset: -14.745 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 4.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 4.502 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

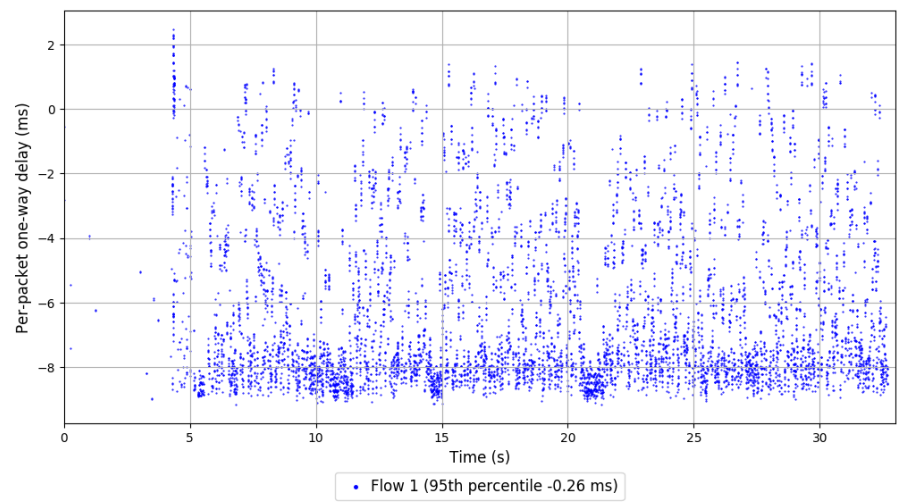
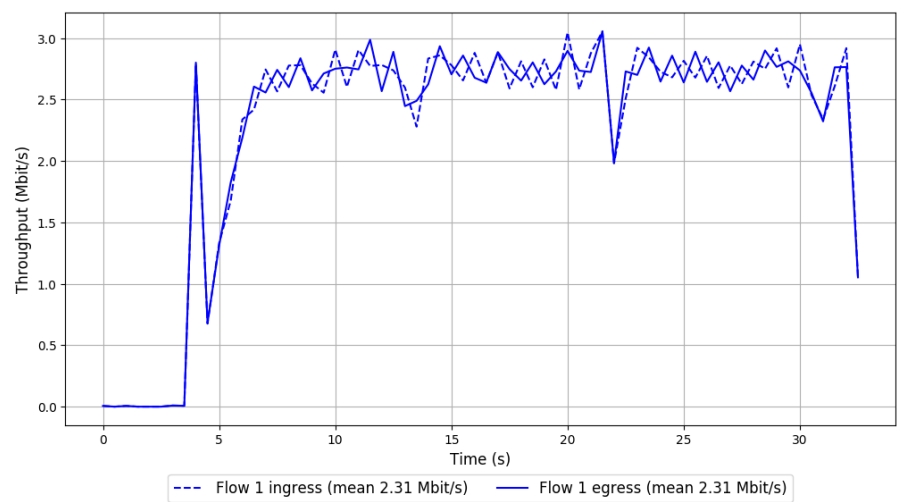


Run 7: Statistics of WebRTC media

Start at: 2018-01-25 10:41:19
End at: 2018-01-25 10:41:49
Local clock offset: 3.618 ms
Remote clock offset: -15.592 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -0.264 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -0.264 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

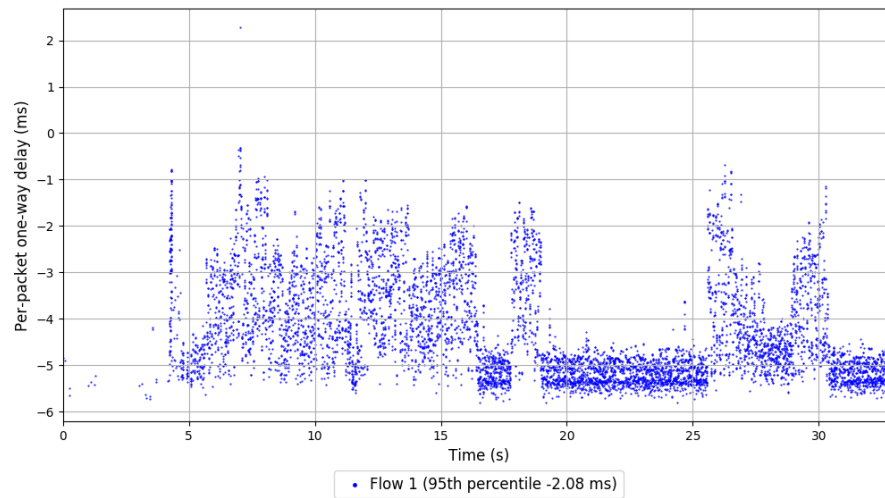
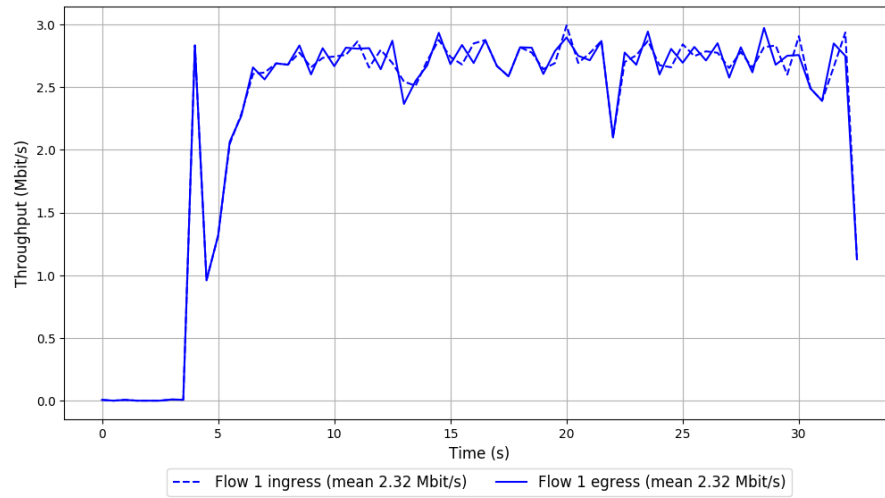


Run 8: Statistics of WebRTC media

Start at: 2018-01-25 10:59:42
End at: 2018-01-25 11:00:12
Local clock offset: 1.959 ms
Remote clock offset: -15.899 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -2.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -2.079 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

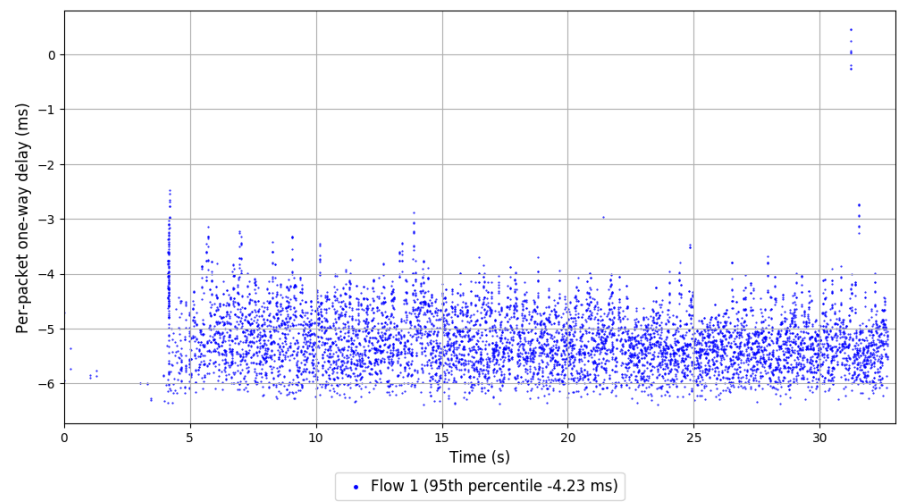
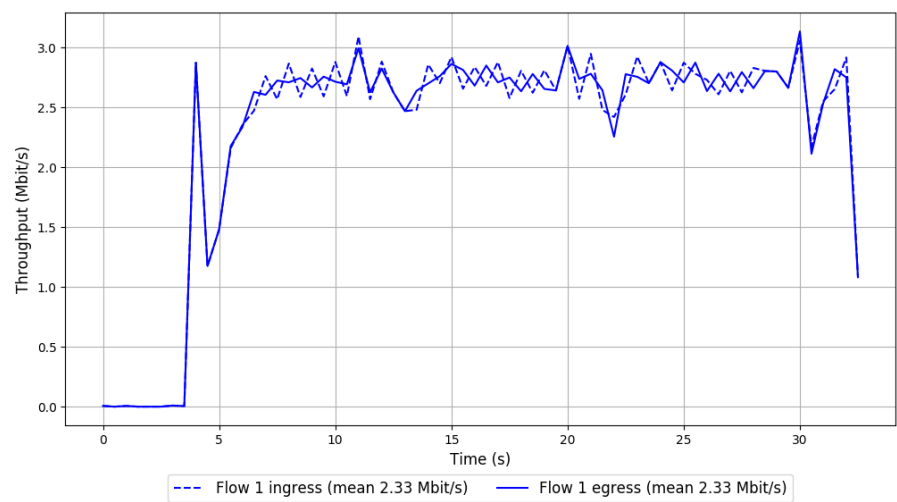


Run 9: Statistics of WebRTC media

Start at: 2018-01-25 11:18:22
End at: 2018-01-25 11:18:52
Local clock offset: 2.223 ms
Remote clock offset: -18.248 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -4.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -4.233 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

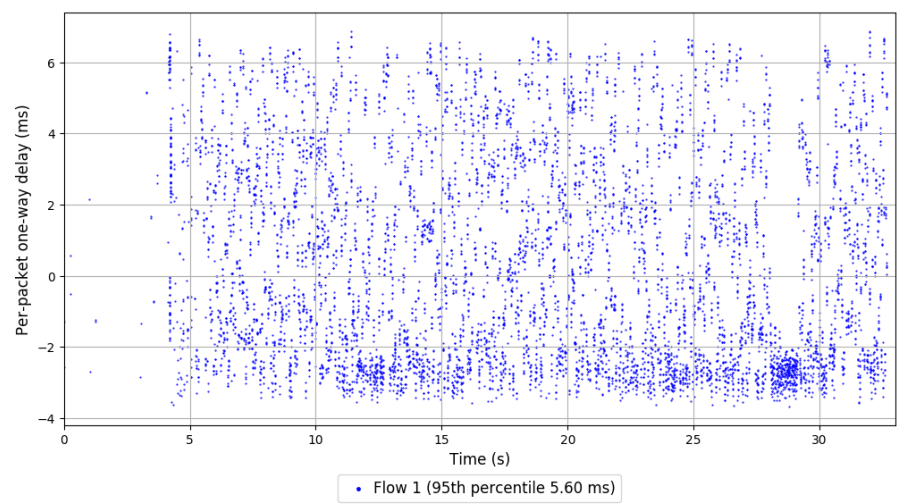
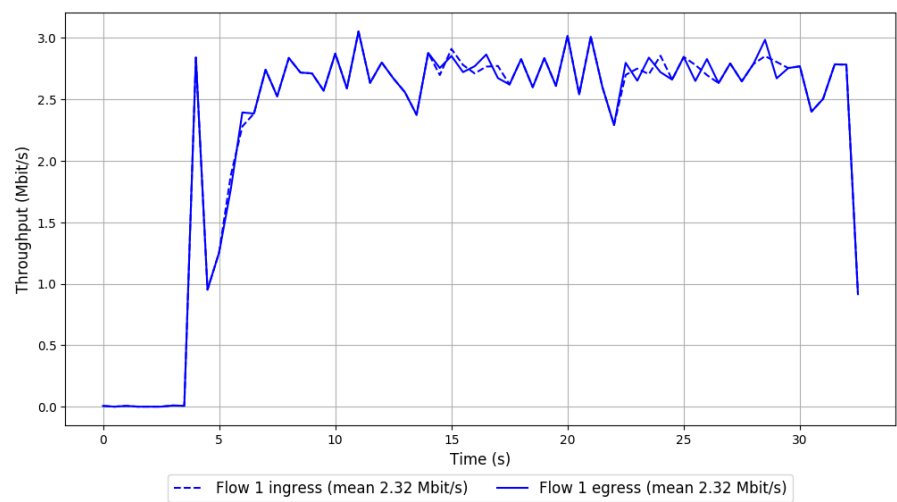


Run 10: Statistics of WebRTC media

Start at: 2018-01-25 11:36:45
End at: 2018-01-25 11:37:15
Local clock offset: 0.086 ms
Remote clock offset: -17.717 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 5.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 5.601 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

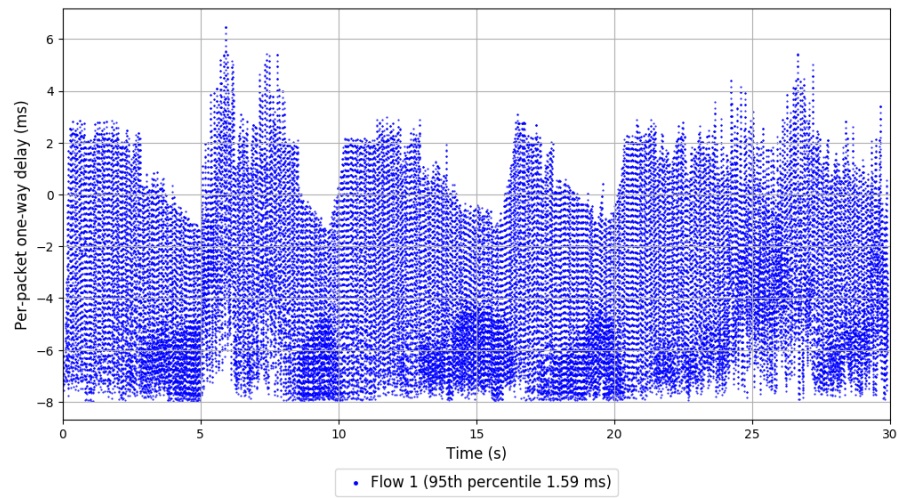
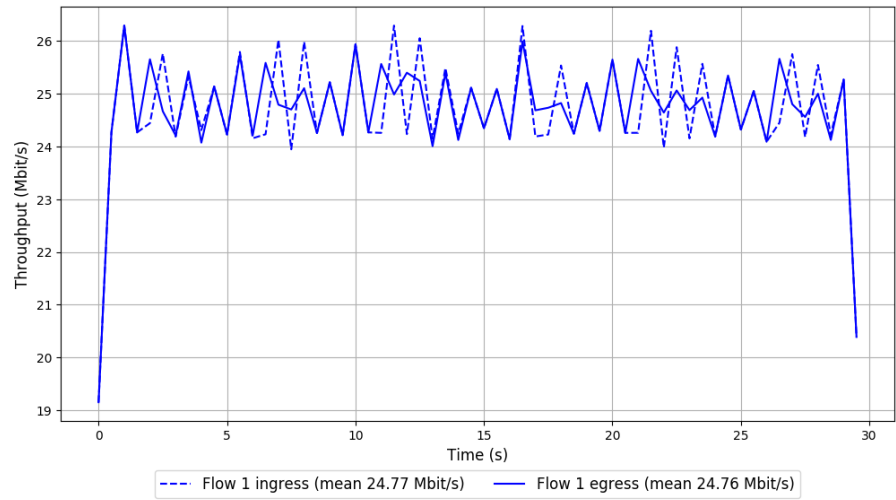


Run 1: Statistics of Sprout

Start at: 2018-01-25 08:50:37
End at: 2018-01-25 08:51:07
Local clock offset: 1.386 ms
Remote clock offset: -16.998 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 1.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 1.591 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

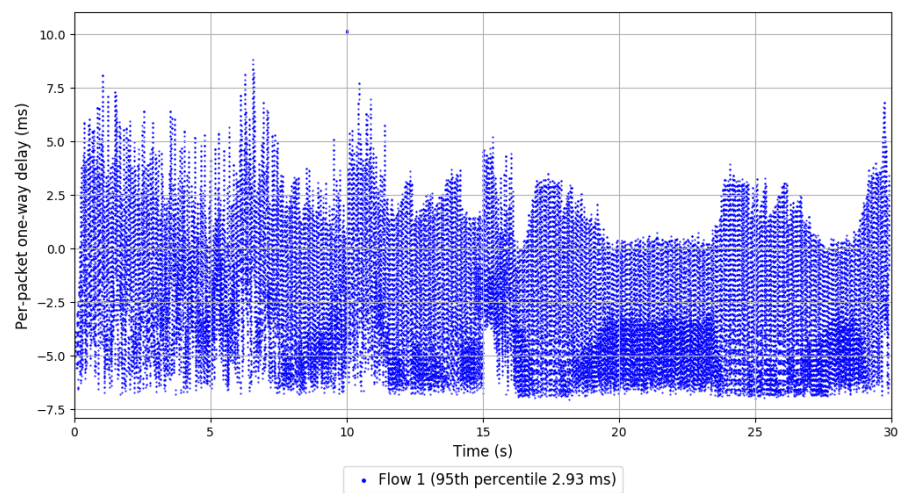
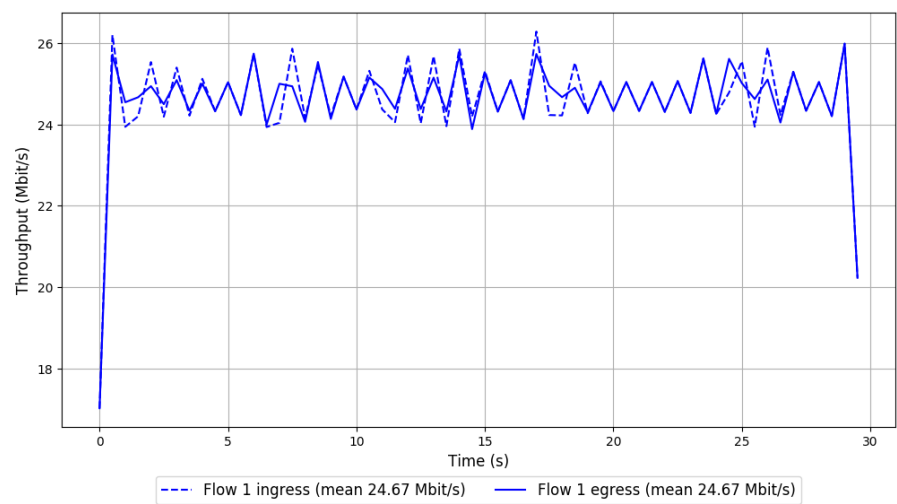


Run 2: Statistics of Sprout

Start at: 2018-01-25 09:09:20
End at: 2018-01-25 09:09:50
Local clock offset: 2.033 ms
Remote clock offset: -18.034 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 2.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 2.931 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

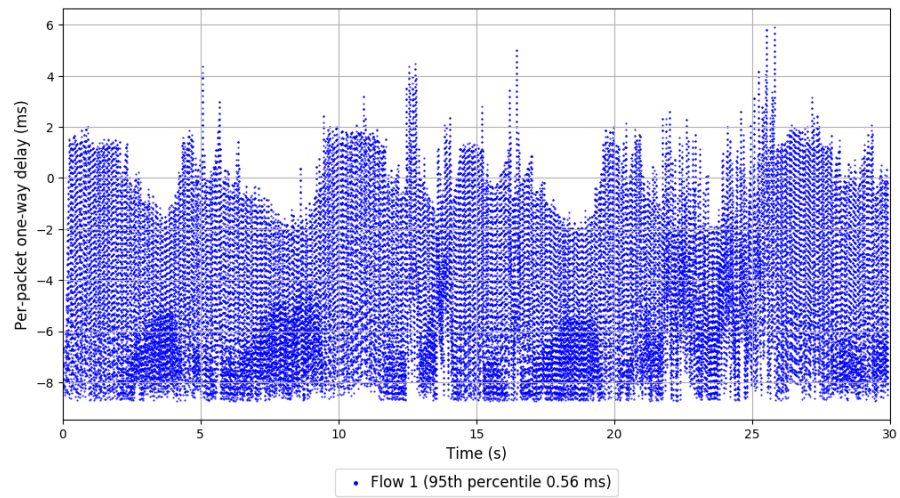
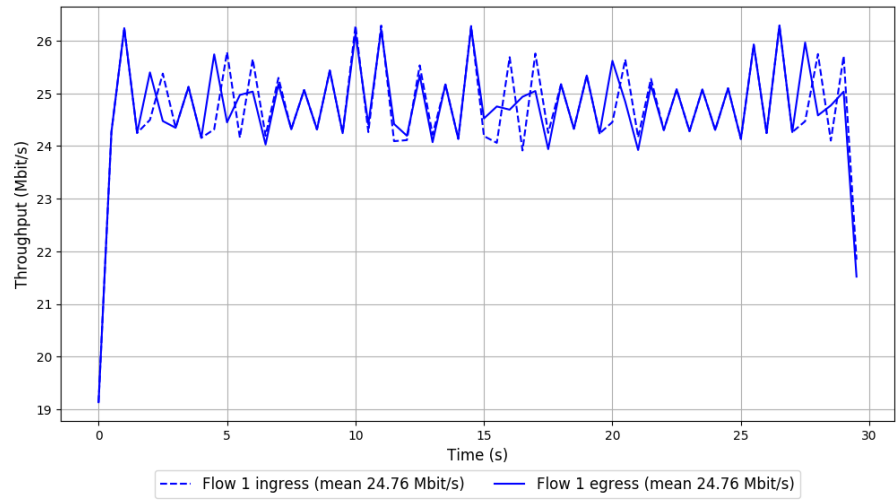


Run 3: Statistics of Sprout

Start at: 2018-01-25 09:28:00
End at: 2018-01-25 09:28:30
Local clock offset: 3.311 ms
Remote clock offset: -20.06 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 0.559 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 0.559 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

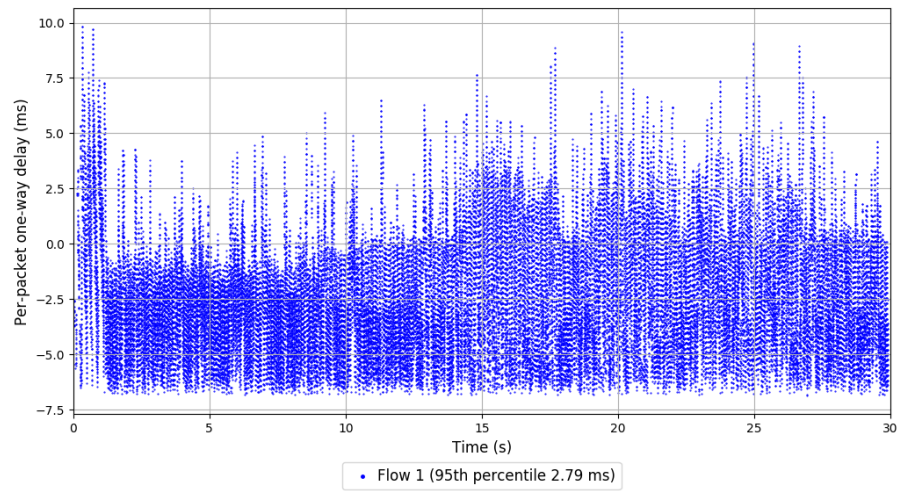
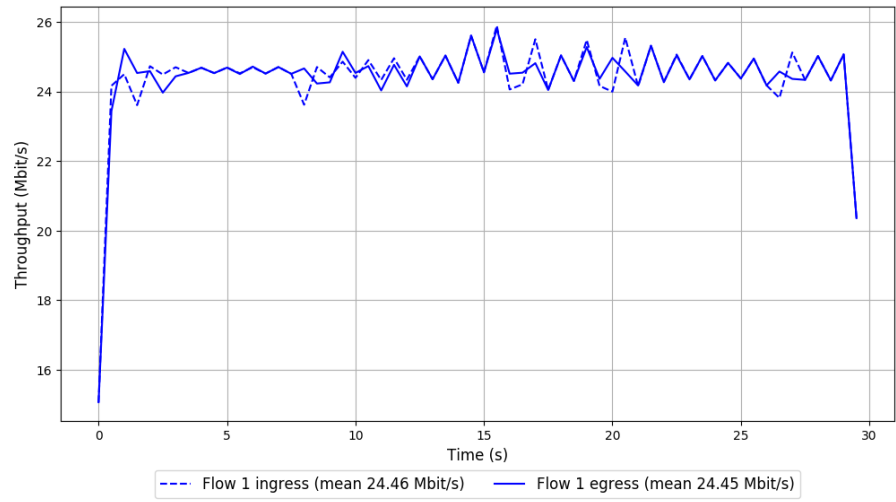


Run 4: Statistics of Sprout

Start at: 2018-01-25 09:46:50
End at: 2018-01-25 09:47:20
Local clock offset: 3.434 ms
Remote clock offset: -17.603 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

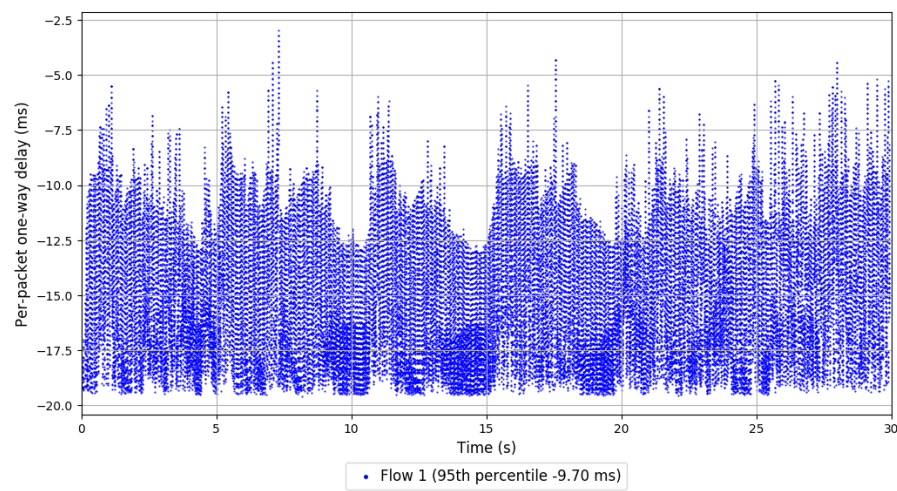
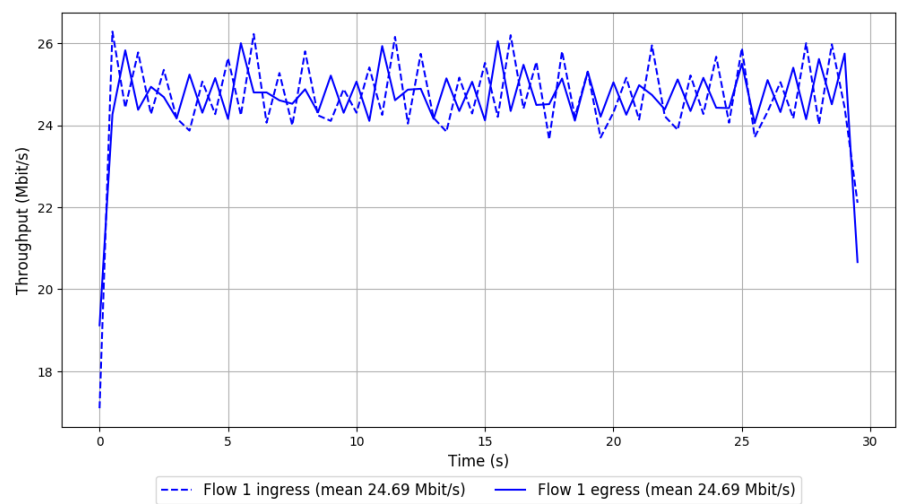


Run 5: Statistics of Sprout

Start at: 2018-01-25 10:05:24
End at: 2018-01-25 10:05:54
Local clock offset: 2.765 ms
Remote clock offset: -30.059 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: -9.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: -9.704 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

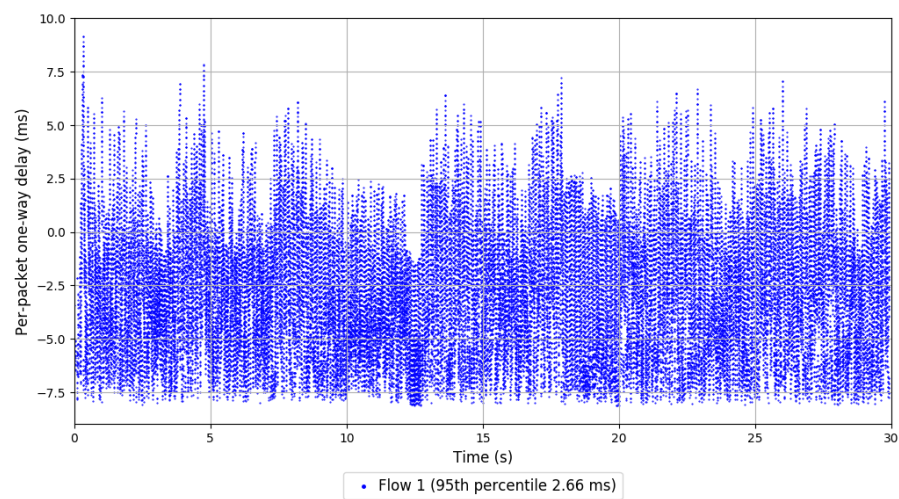
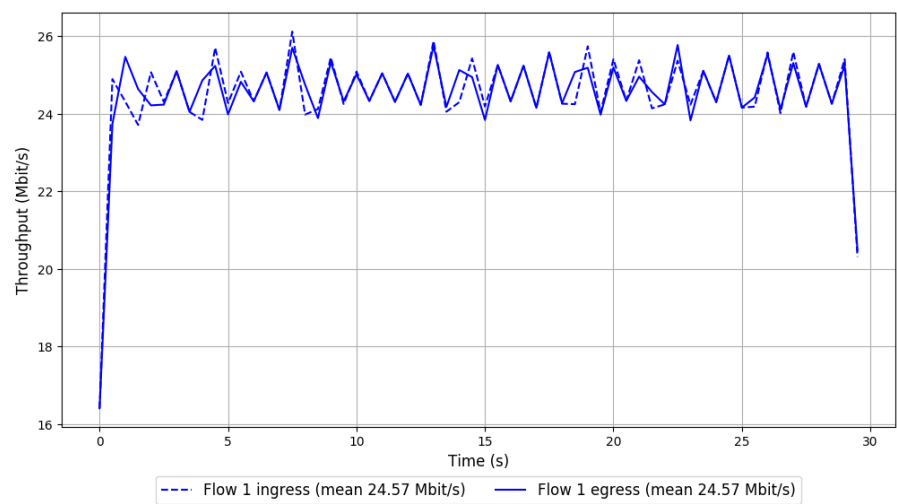


Run 6: Statistics of Sprout

Start at: 2018-01-25 10:23:57
End at: 2018-01-25 10:24:27
Local clock offset: 2.969 ms
Remote clock offset: -17.188 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.57 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

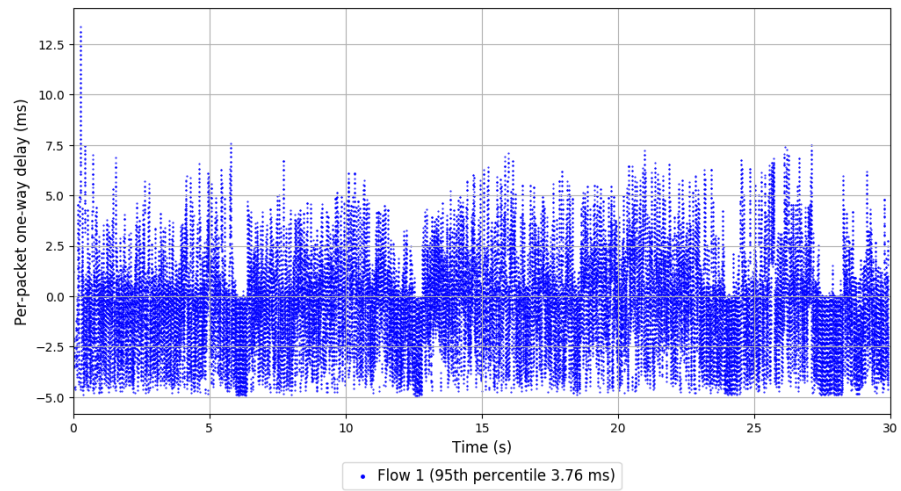
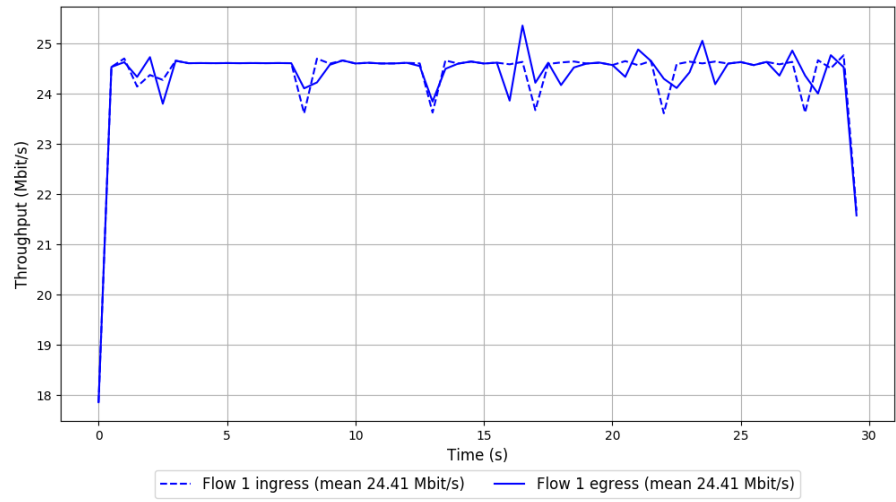


Run 7: Statistics of Sprout

Start at: 2018-01-25 10:42:23
End at: 2018-01-25 10:42:53
Local clock offset: 1.606 ms
Remote clock offset: -13.735 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 3.758 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 3.758 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

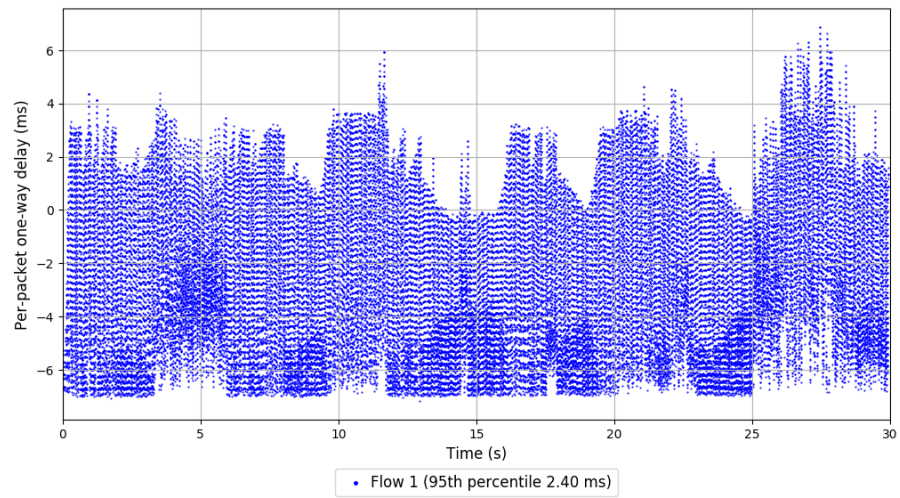
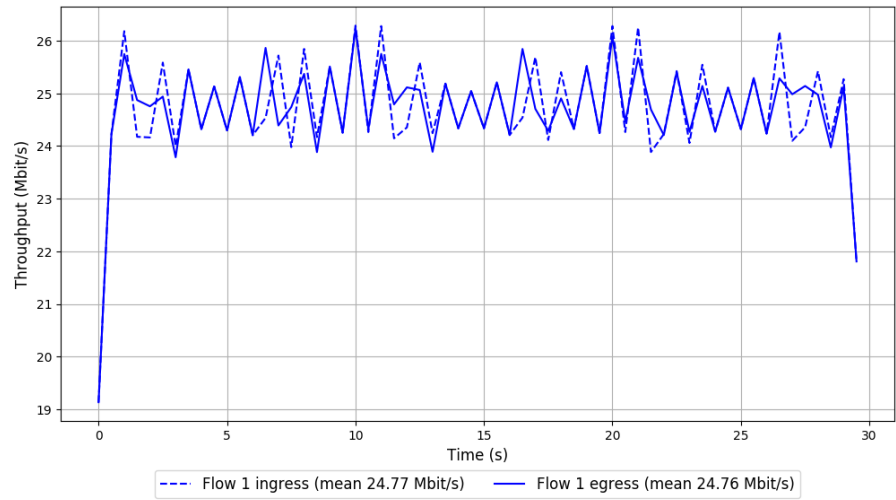


Run 8: Statistics of Sprout

Start at: 2018-01-25 11:00:46
End at: 2018-01-25 11:01:16
Local clock offset: 3.889 ms
Remote clock offset: -15.509 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 2.400 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 2.400 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

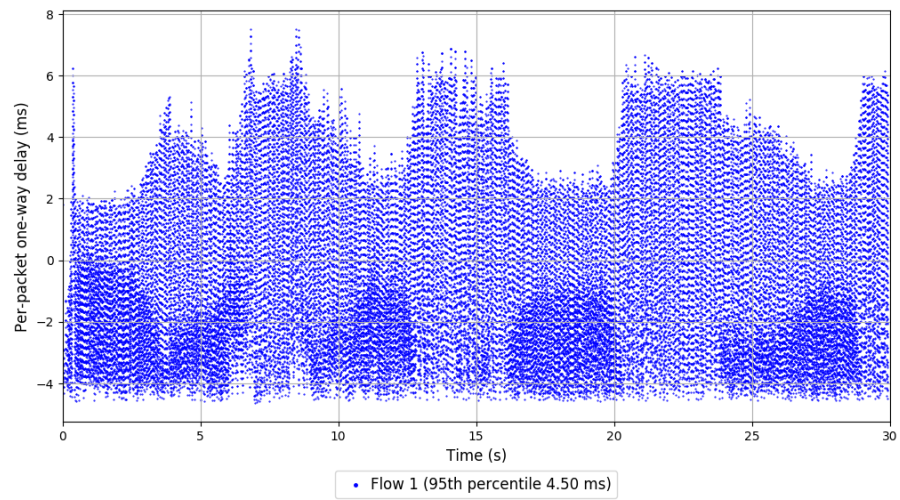
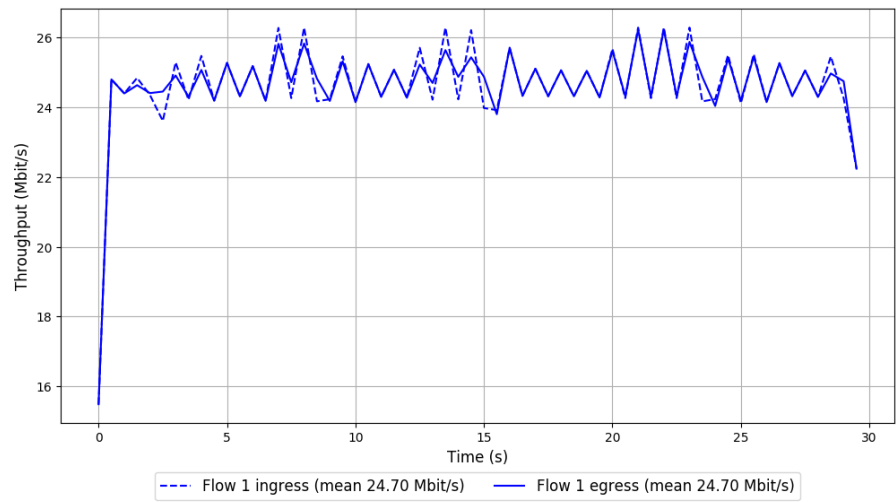


Run 9: Statistics of Sprout

Start at: 2018-01-25 11:19:27
End at: 2018-01-25 11:19:57
Local clock offset: 0.269 ms
Remote clock offset: -18.579 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 4.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 4.497 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

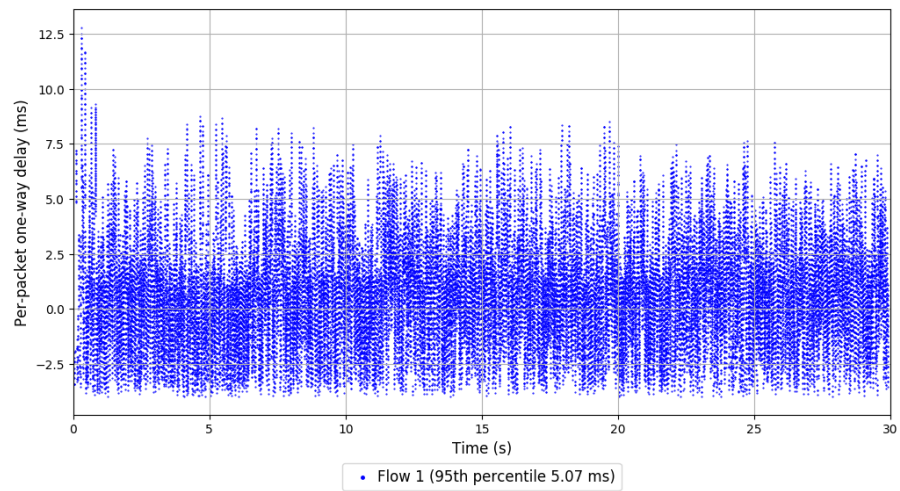
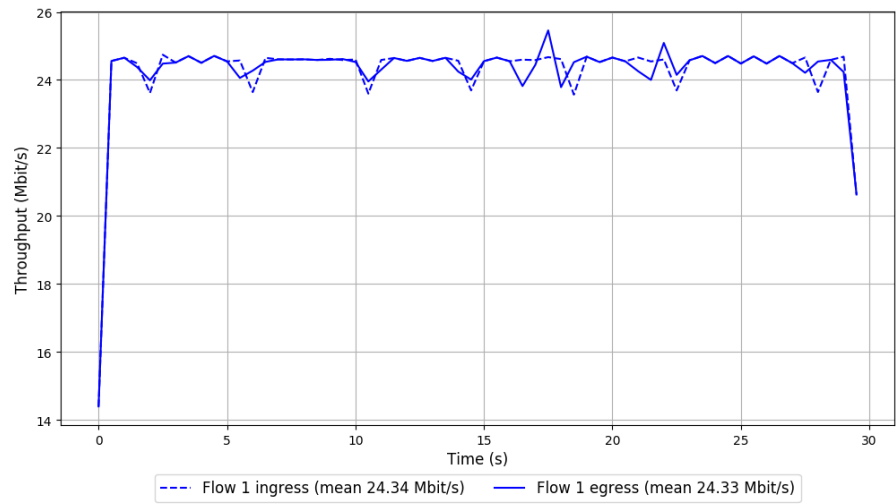


Run 10: Statistics of Sprout

Start at: 2018-01-25 11:37:50
End at: 2018-01-25 11:38:20
Local clock offset: 2.263 ms
Remote clock offset: -16.011 ms

Below is generated by plot.py at 2018-01-25 12:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 5.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 5.071 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

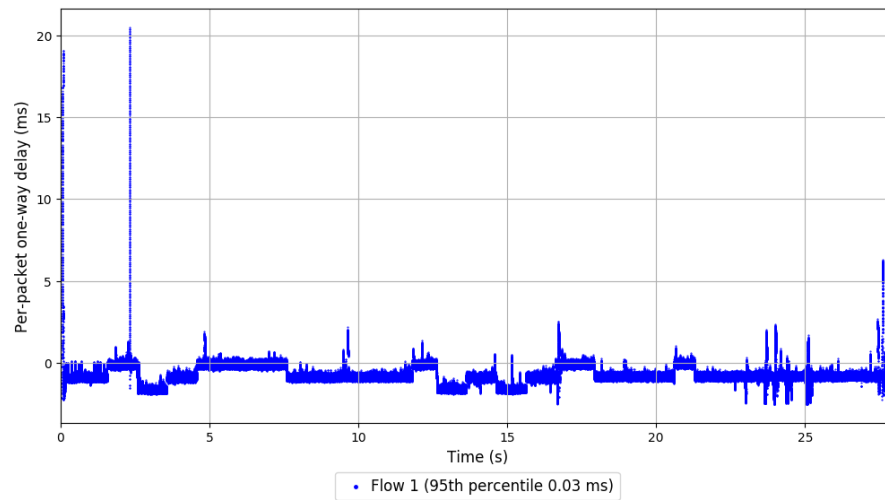
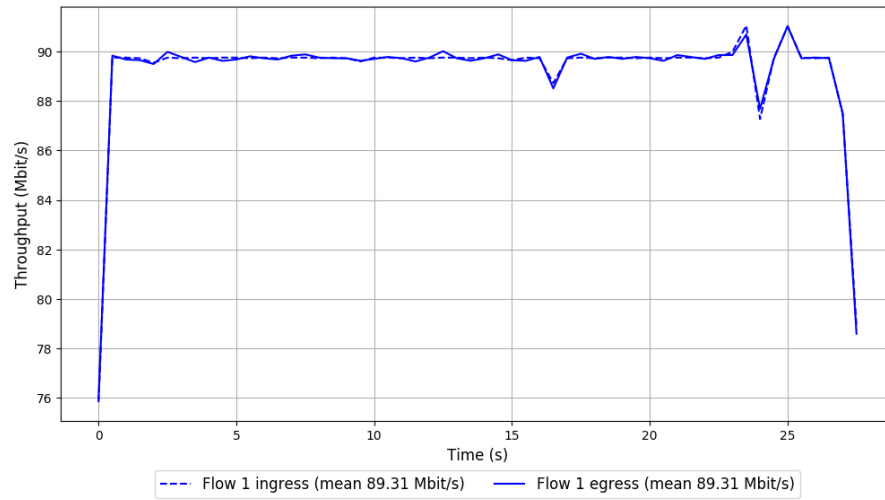


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-25 08:58:45
End at: 2018-01-25 08:59:15
Local clock offset: 0.503 ms
Remote clock offset: -13.803 ms

# Below is generated by plot.py at 2018-01-25 12:30:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: 0.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: 0.027 ms
Loss rate: 0.00%
```


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

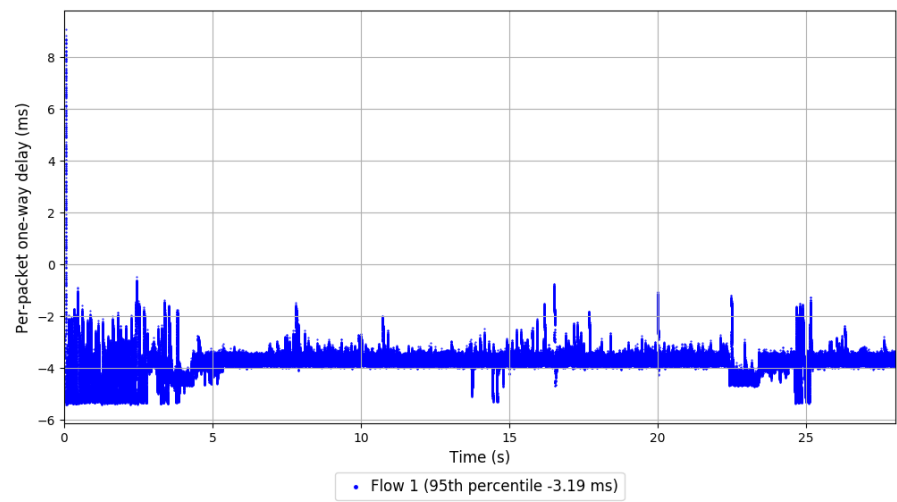
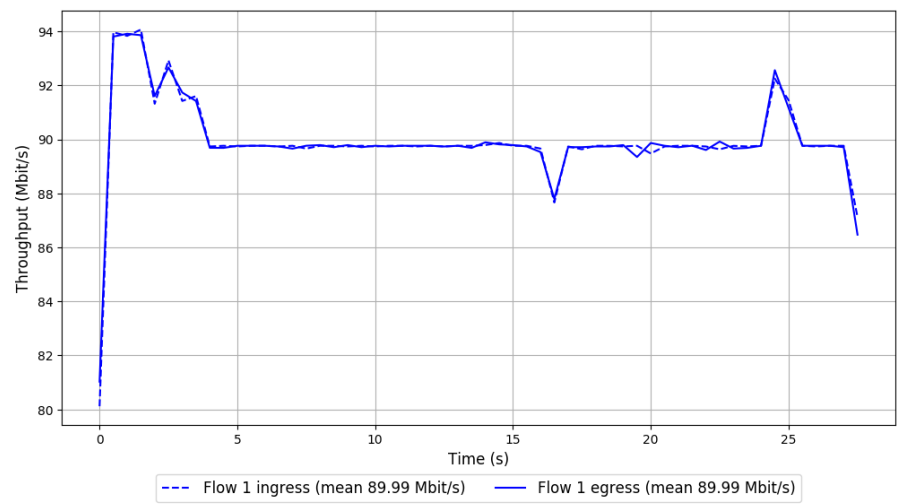


Run 2: Statistics of TaoVA-100x

Start at: 2018-01-25 09:17:30
End at: 2018-01-25 09:18:00
Local clock offset: 1.857 ms
Remote clock offset: -17.634 ms

Below is generated by plot.py at 2018-01-25 12:30:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: -3.190 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: -3.190 ms
Loss rate: 0.00%

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

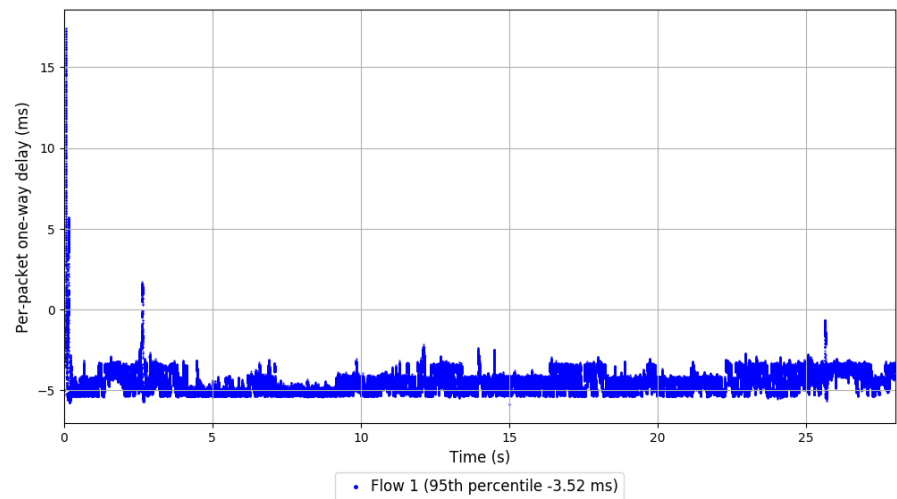
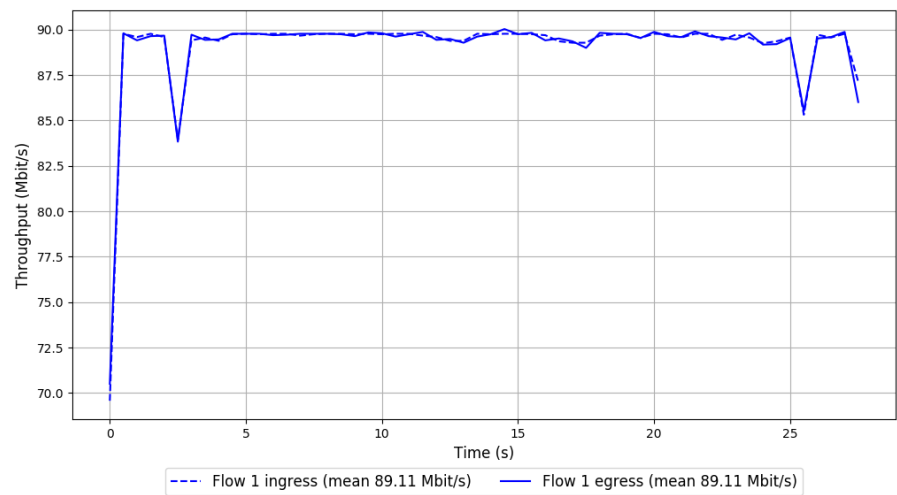


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-25 09:36:07
End at: 2018-01-25 09:36:37
Local clock offset: 1.071 ms
Remote clock offset: -19.674 ms

Below is generated by plot.py at 2018-01-25 12:30:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.11 Mbit/s
95th percentile per-packet one-way delay: -3.522 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.11 Mbit/s
95th percentile per-packet one-way delay: -3.522 ms
Loss rate: 0.01%

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

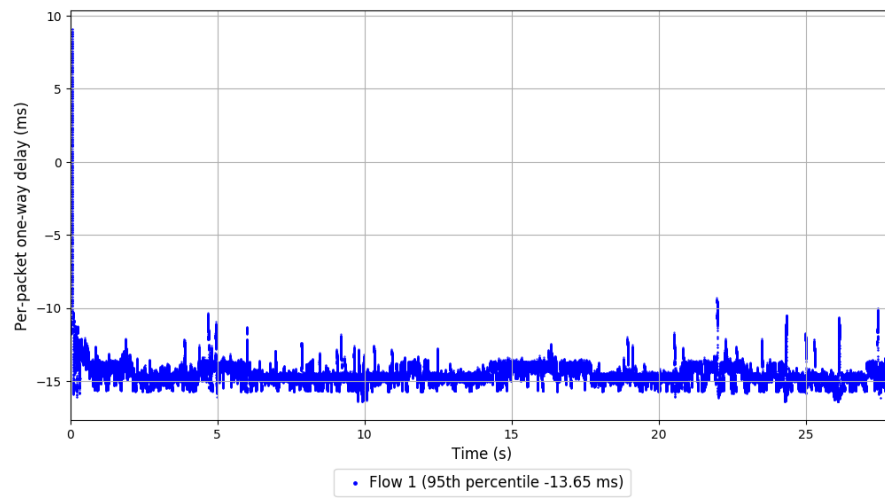
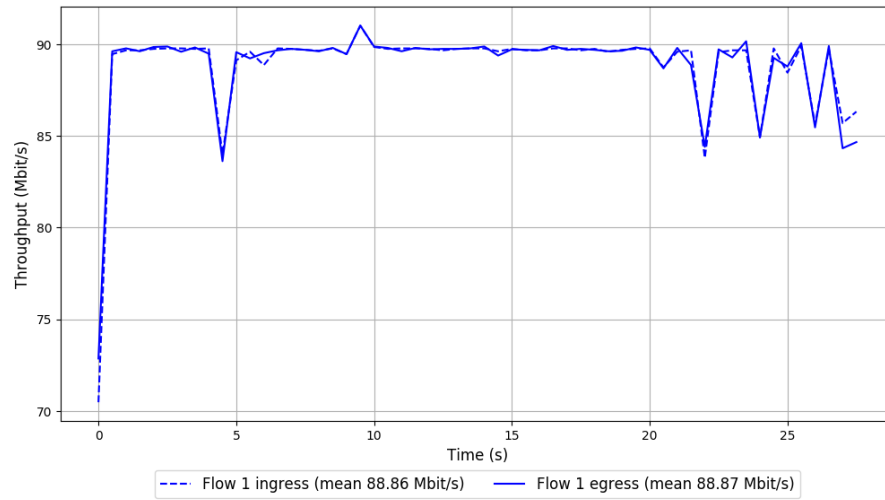


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-25 09:55:01
End at: 2018-01-25 09:55:31
Local clock offset: 3.213 ms
Remote clock offset: -27.018 ms

Below is generated by plot.py at 2018-01-25 12:30:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.87 Mbit/s
95th percentile per-packet one-way delay: -13.653 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.87 Mbit/s
95th percentile per-packet one-way delay: -13.653 ms
Loss rate: 0.01%

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

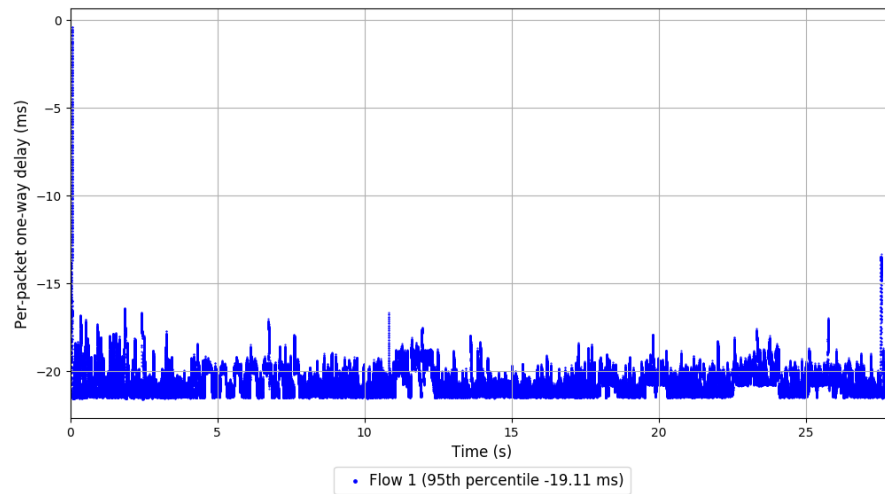
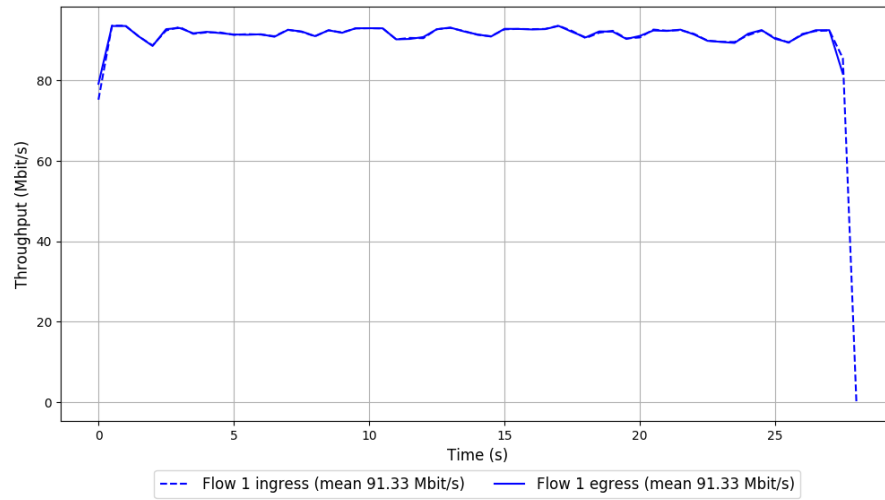


Run 5: Statistics of TaoVA-100x

Start at: 2018-01-25 10:13:29
End at: 2018-01-25 10:13:59
Local clock offset: 3.07 ms
Remote clock offset: -31.637 ms

Below is generated by plot.py at 2018-01-25 12:30:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: -19.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: -19.106 ms
Loss rate: 0.00%

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

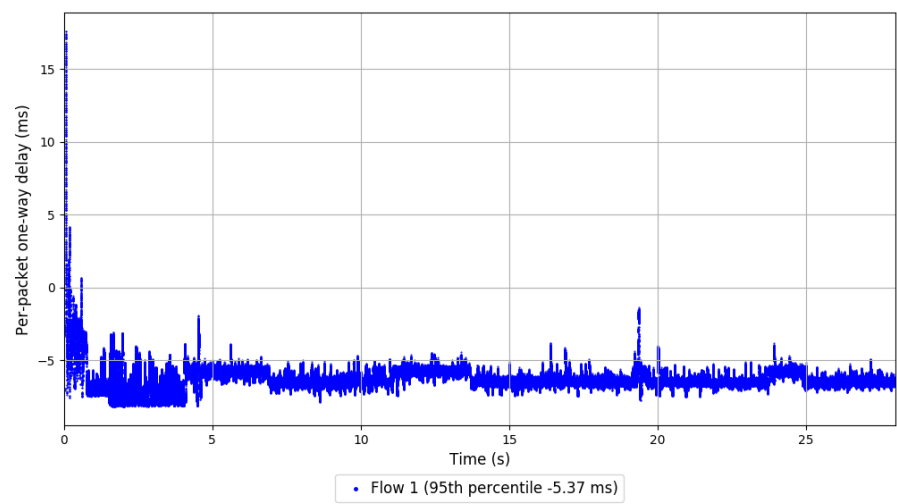
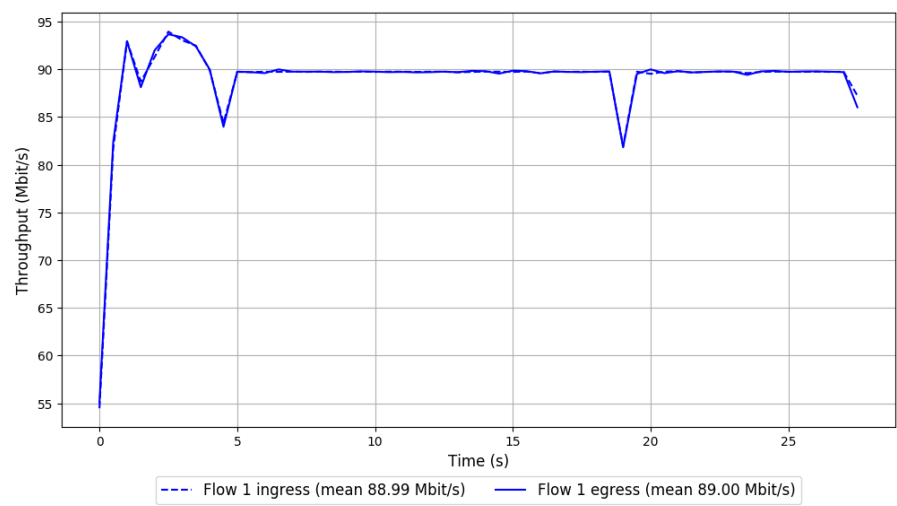


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-25 10:32:03
End at: 2018-01-25 10:32:33
Local clock offset: 2.544 ms
Remote clock offset: -16.158 ms

Below is generated by plot.py at 2018-01-25 12:30:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: -5.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: -5.372 ms
Loss rate: 0.00%

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

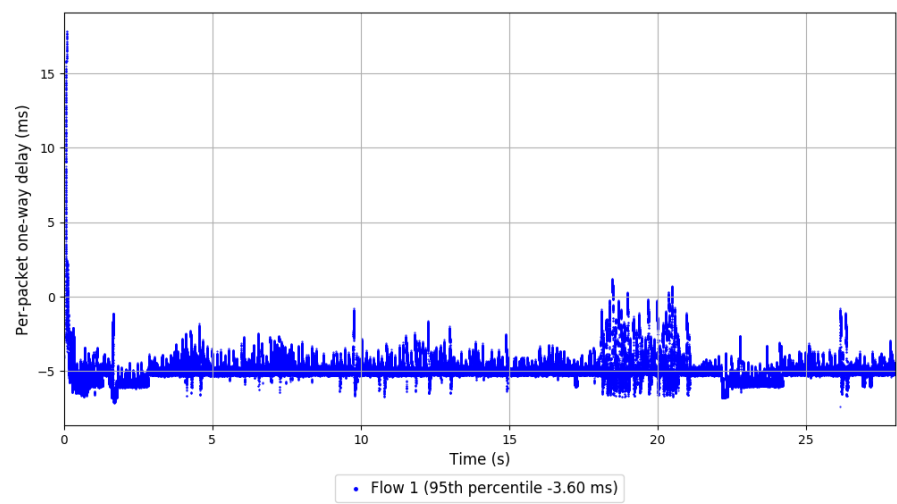
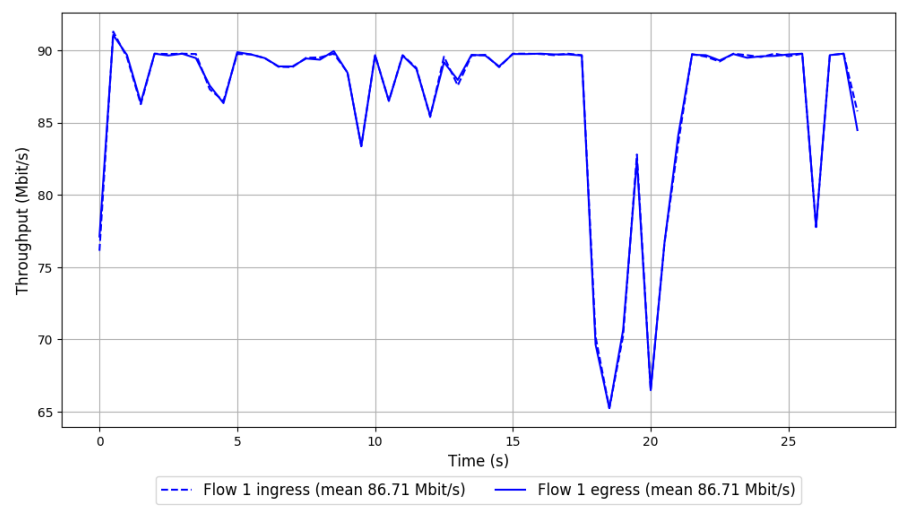


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-25 10:50:28
End at: 2018-01-25 10:50:58
Local clock offset: 3.886 ms
Remote clock offset: -14.91 ms

Below is generated by plot.py at 2018-01-25 12:30:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: -3.597 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: -3.597 ms
Loss rate: 0.01%

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

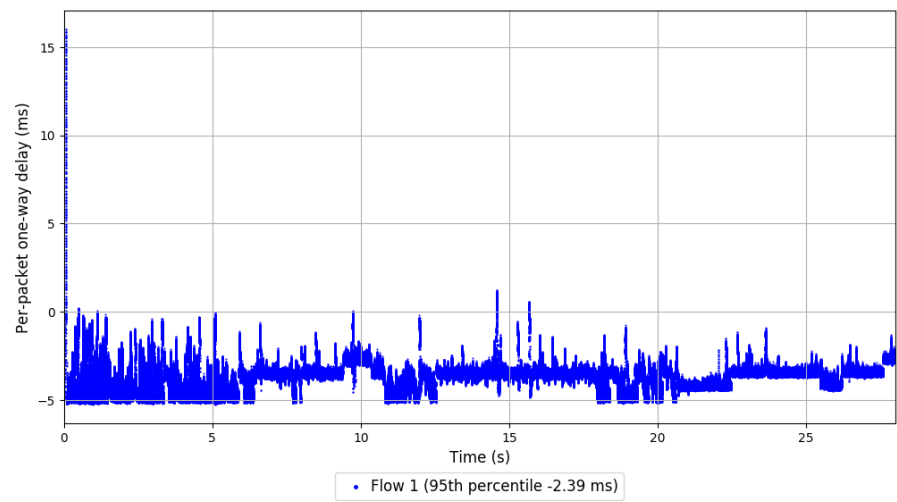
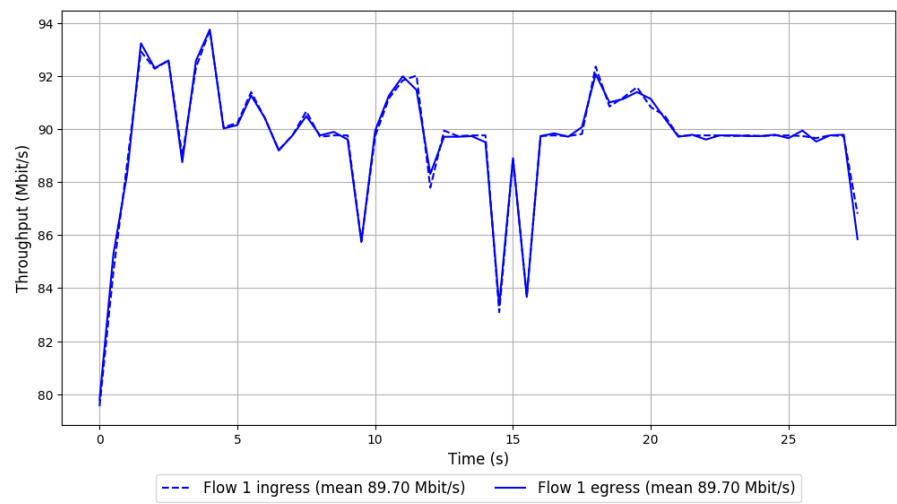


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-25 11:08:57
End at: 2018-01-25 11:09:27
Local clock offset: 2.458 ms
Remote clock offset: -15.986 ms

Below is generated by plot.py at 2018-01-25 12:30:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.70 Mbit/s
95th percentile per-packet one-way delay: -2.392 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.70 Mbit/s
95th percentile per-packet one-way delay: -2.392 ms
Loss rate: 0.01%

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

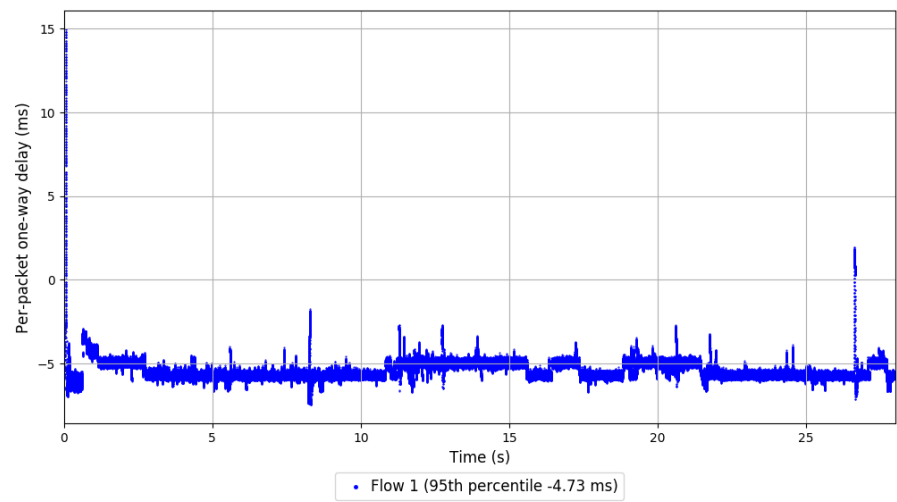
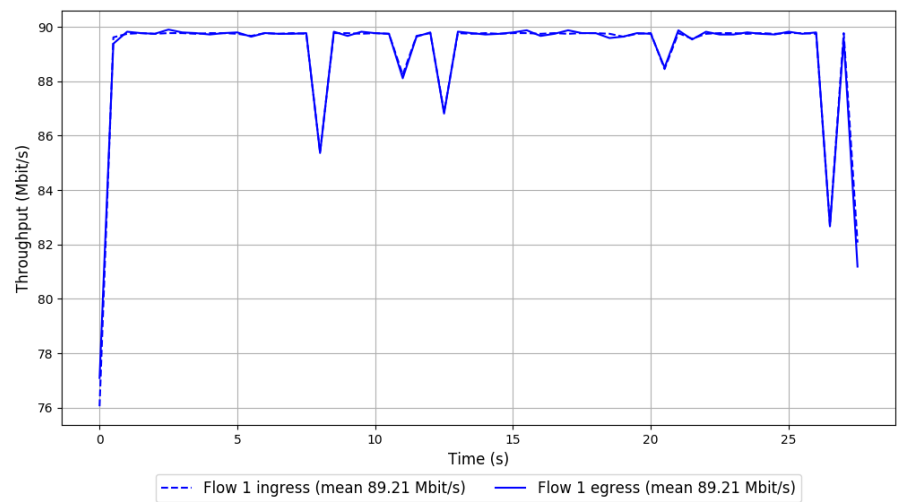


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-25 11:27:26
End at: 2018-01-25 11:27:56
Local clock offset: 2.62 ms
Remote clock offset: -19.026 ms

Below is generated by plot.py at 2018-01-25 12:32:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: -4.726 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: -4.726 ms
Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-25 11:46:00

End at: 2018-01-25 11:46:30

Local clock offset: 0.569 ms

Remote clock offset: -17.743 ms

Below is generated by plot.py at 2018-01-25 12:32:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.42 Mbit/s

95th percentile per-packet one-way delay: -1.320 ms

Loss rate: 0.00%

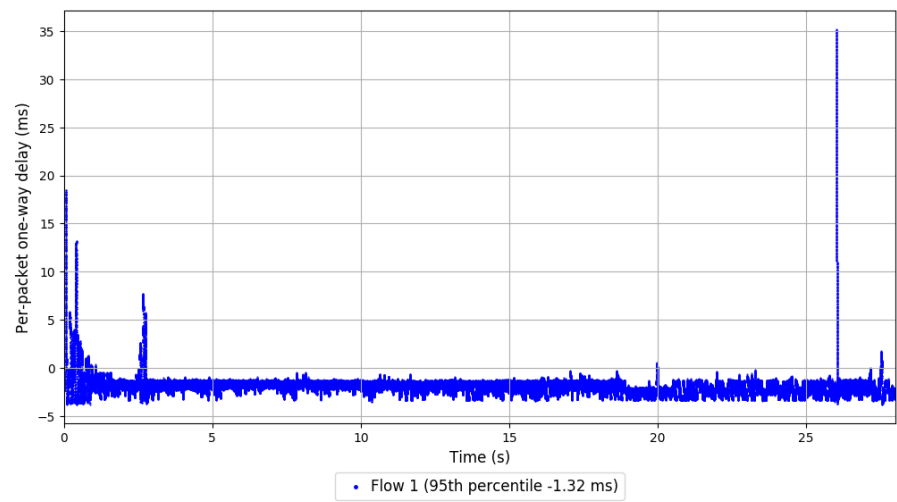
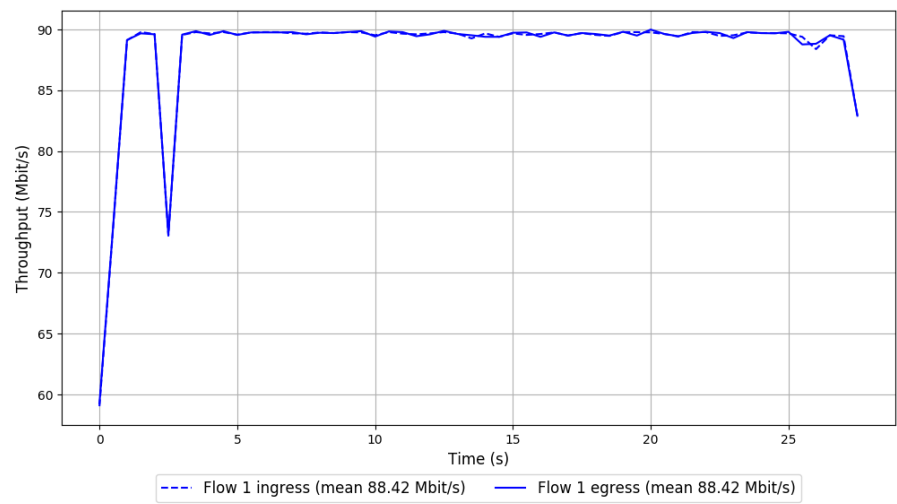
-- Flow 1:

Average throughput: 88.42 Mbit/s

95th percentile per-packet one-way delay: -1.320 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-01-25 08:54:10
End at: 2018-01-25 08:54:40
Local clock offset: -1.117 ms
Remote clock offset: -16.209 ms

Run 1: Report of TCP Vegas — Data Link

Figure is missing

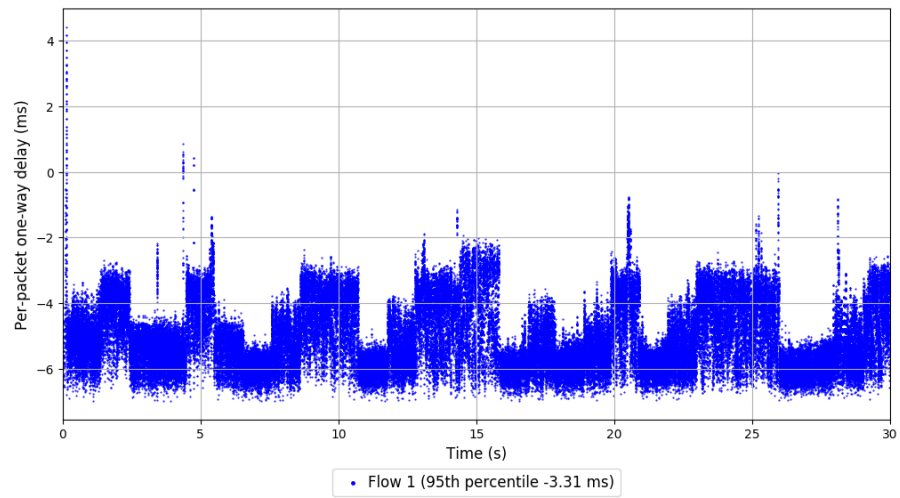
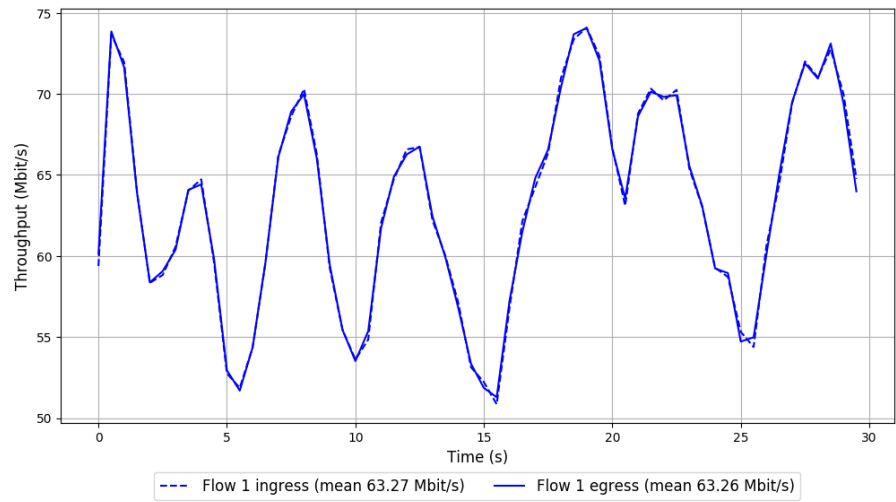
Figure is missing

Run 2: Statistics of TCP Vegas

Start at: 2018-01-25 09:12:53
End at: 2018-01-25 09:13:23
Local clock offset: 2.37 ms
Remote clock offset: -18.219 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: -3.309 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: -3.309 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

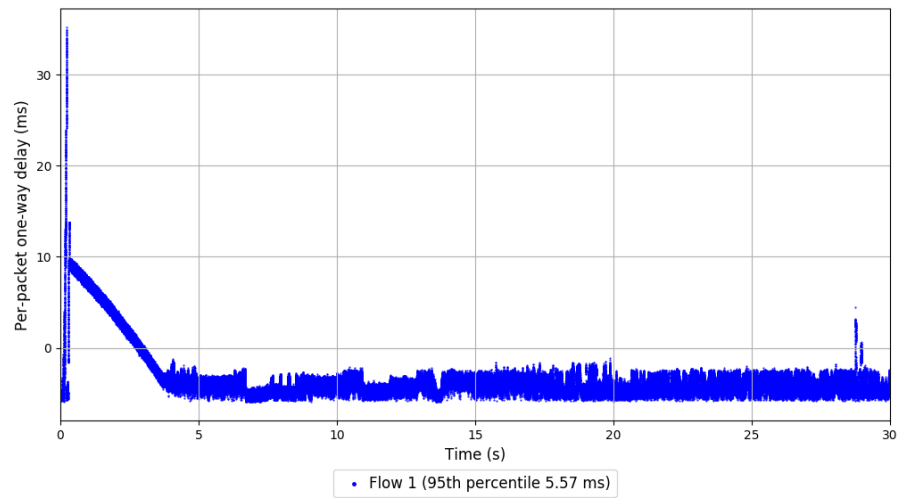
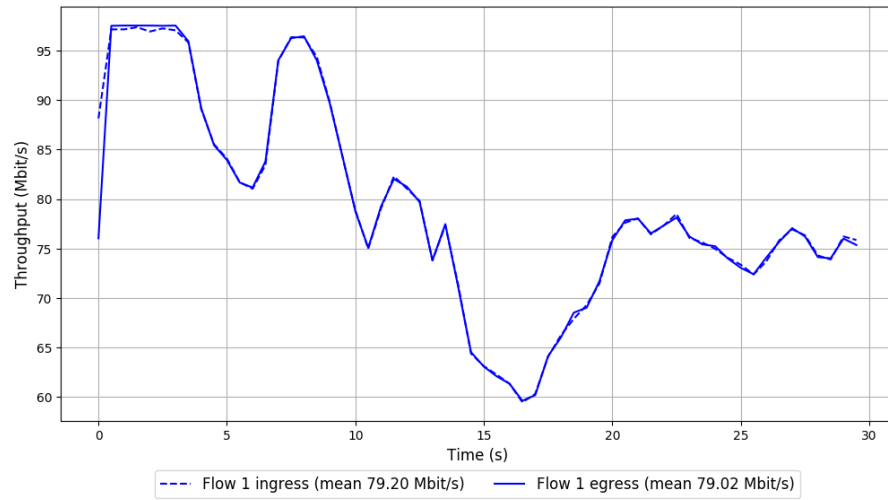


Run 3: Statistics of TCP Vegas

Start at: 2018-01-25 09:31:29
End at: 2018-01-25 09:31:59
Local clock offset: 2.839 ms
Remote clock offset: -17.743 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 5.571 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 5.571 ms
Loss rate: 0.22%

Run 3: Report of TCP Vegas — Data Link

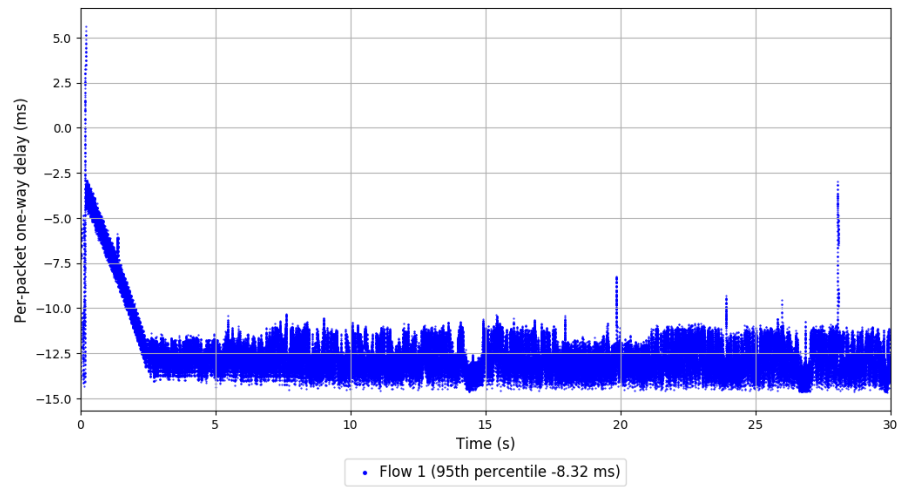
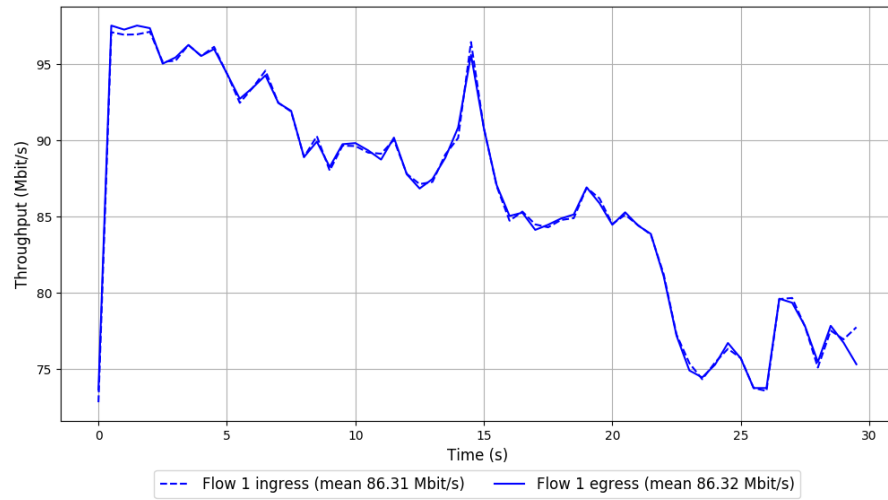


Run 4: Statistics of TCP Vegas

Start at: 2018-01-25 09:50:22
End at: 2018-01-25 09:50:52
Local clock offset: 2.481 ms
Remote clock offset: -26.071 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: -8.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: -8.319 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

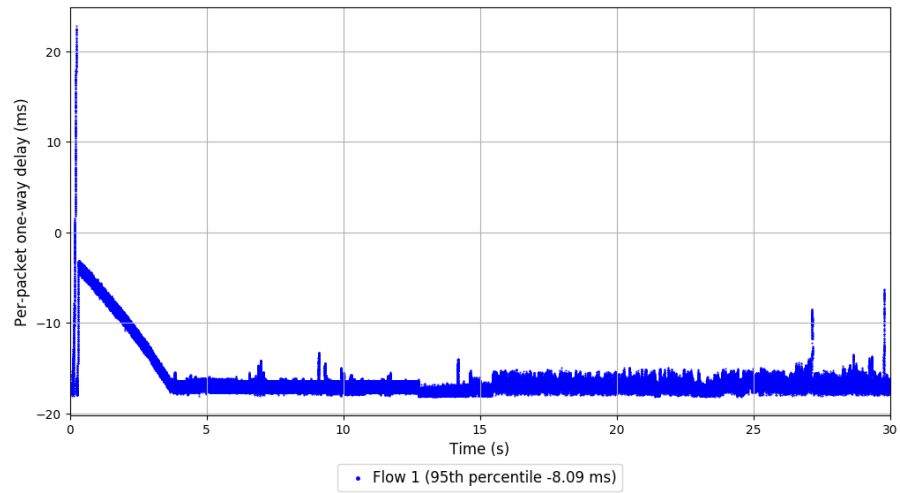
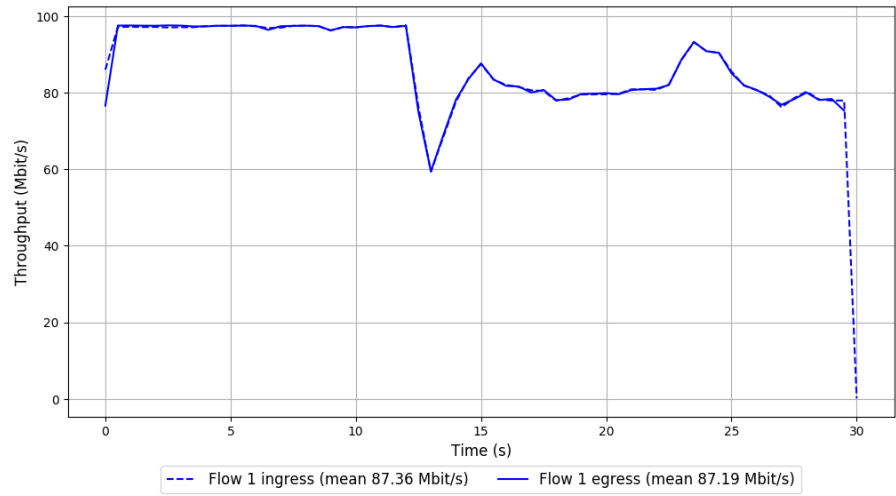


Run 5: Statistics of TCP Vegas

Start at: 2018-01-25 10:08:52
End at: 2018-01-25 10:09:22
Local clock offset: 2.051 ms
Remote clock offset: -29.132 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: -8.092 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: -8.092 ms
Loss rate: 0.20%

Run 5: Report of TCP Vegas — Data Link

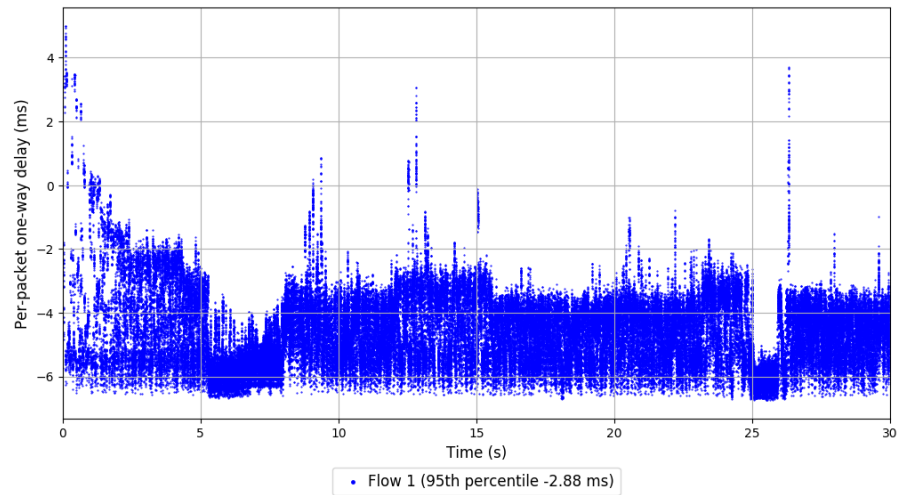
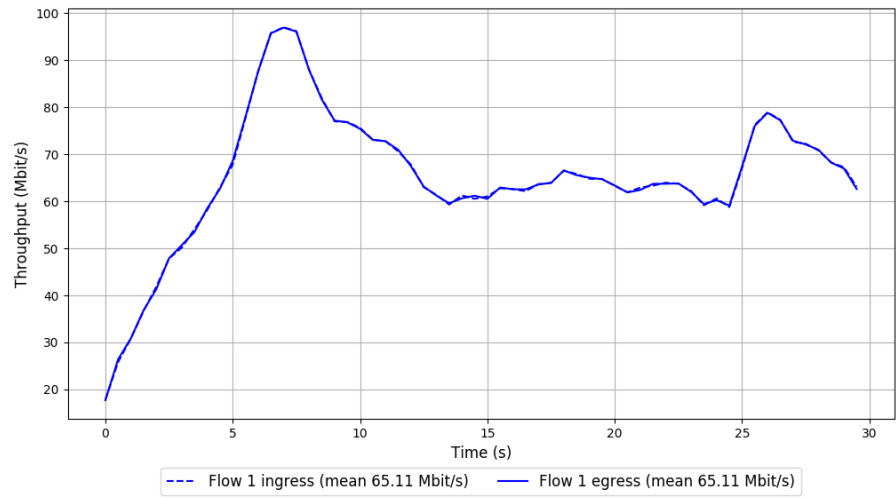


Run 6: Statistics of TCP Vegas

Start at: 2018-01-25 10:27:28
End at: 2018-01-25 10:27:59
Local clock offset: 0.93 ms
Remote clock offset: -16.969 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.11 Mbit/s
95th percentile per-packet one-way delay: -2.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.11 Mbit/s
95th percentile per-packet one-way delay: -2.878 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

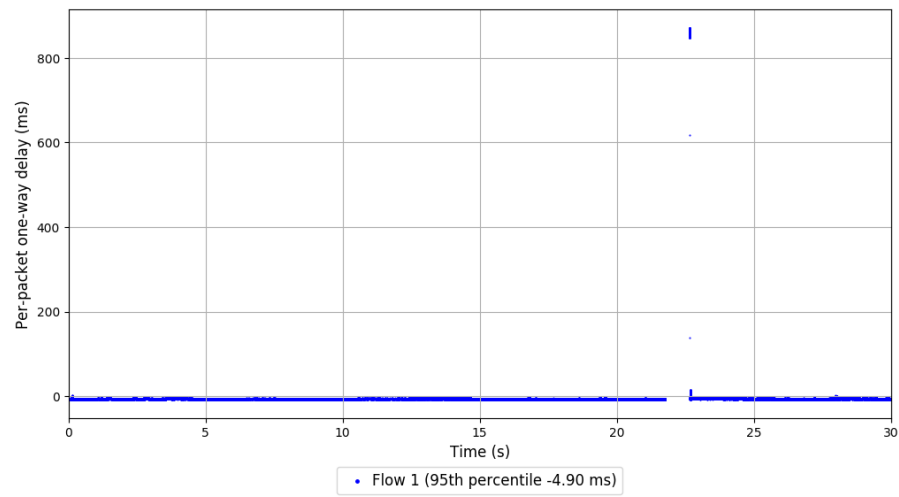
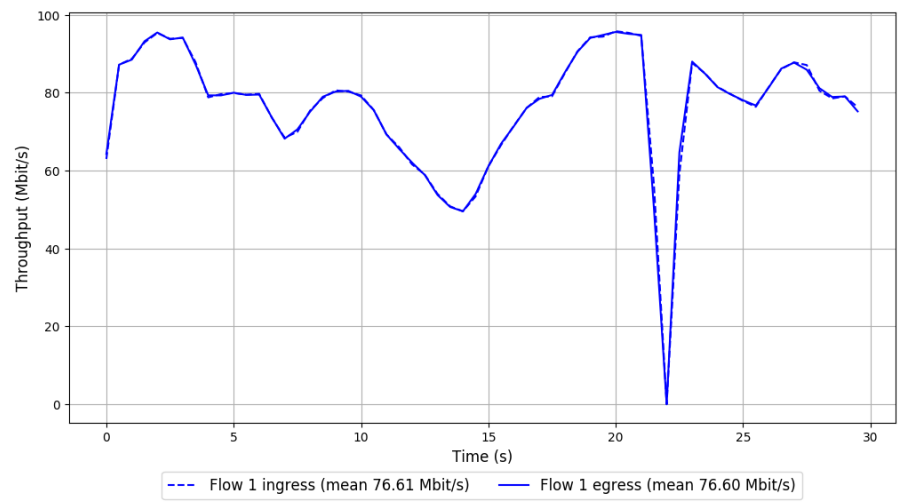


Run 7: Statistics of TCP Vegas

Start at: 2018-01-25 10:45:51
End at: 2018-01-25 10:46:21
Local clock offset: 3.265 ms
Remote clock offset: -15.709 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: -4.902 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: -4.902 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

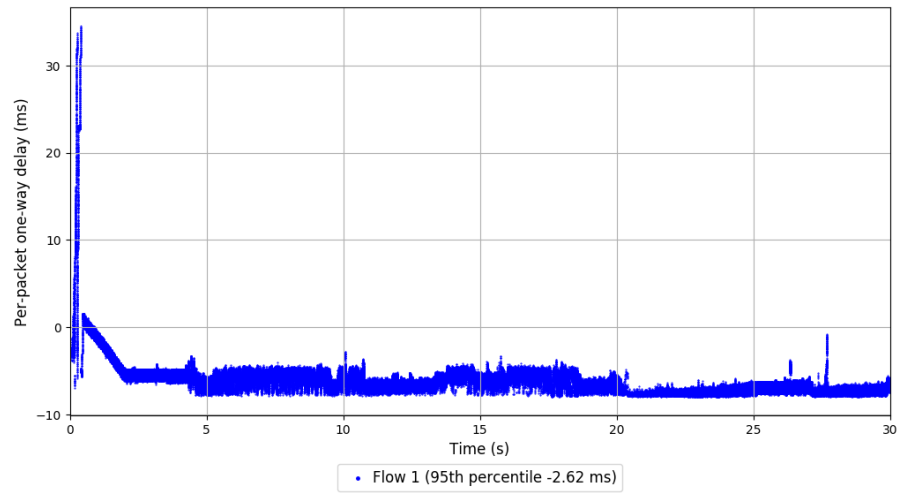
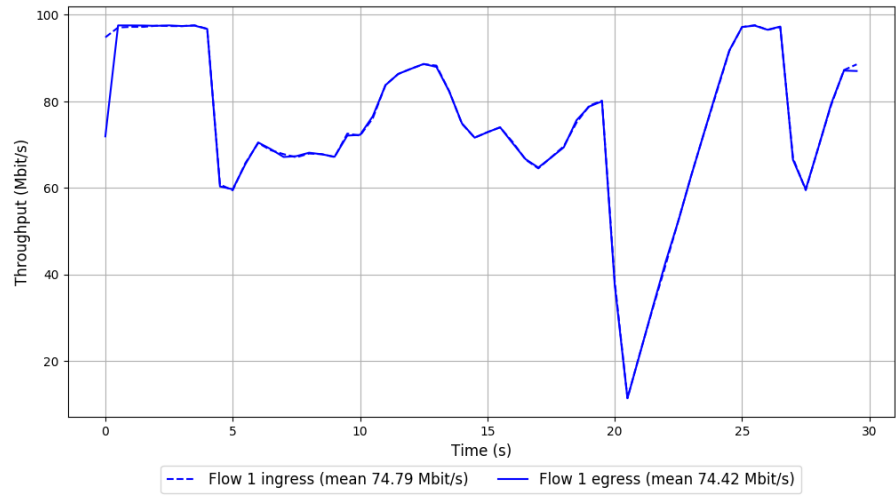


Run 8: Statistics of TCP Vegas

Start at: 2018-01-25 11:04:17
End at: 2018-01-25 11:04:47
Local clock offset: 4.832 ms
Remote clock offset: -15.942 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: -2.617 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: -2.617 ms
Loss rate: 0.52%

Run 8: Report of TCP Vegas — Data Link

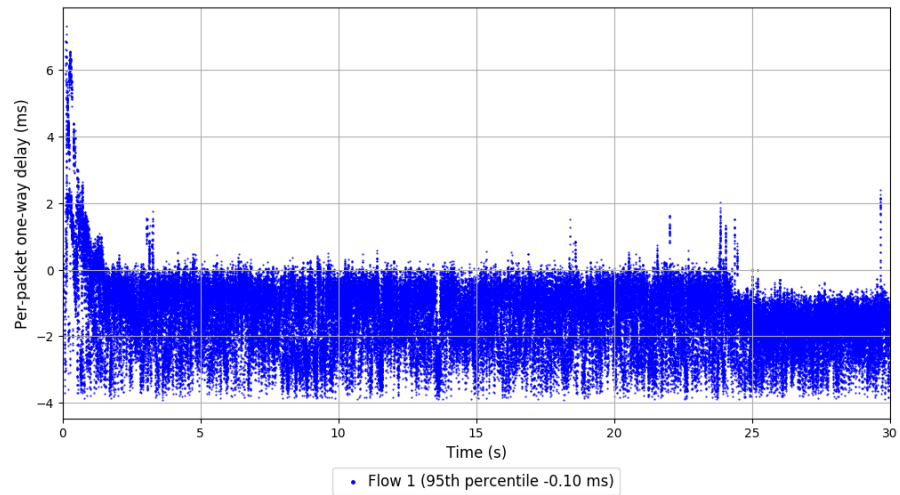
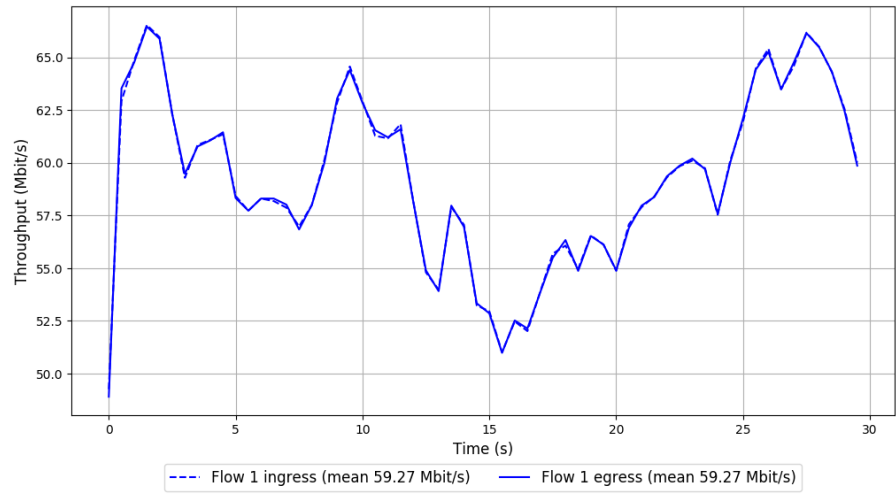


Run 9: Statistics of TCP Vegas

Start at: 2018-01-25 11:22:54
End at: 2018-01-25 11:23:24
Local clock offset: 0.653 ms
Remote clock offset: -17.477 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.27 Mbit/s
95th percentile per-packet one-way delay: -0.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.27 Mbit/s
95th percentile per-packet one-way delay: -0.099 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

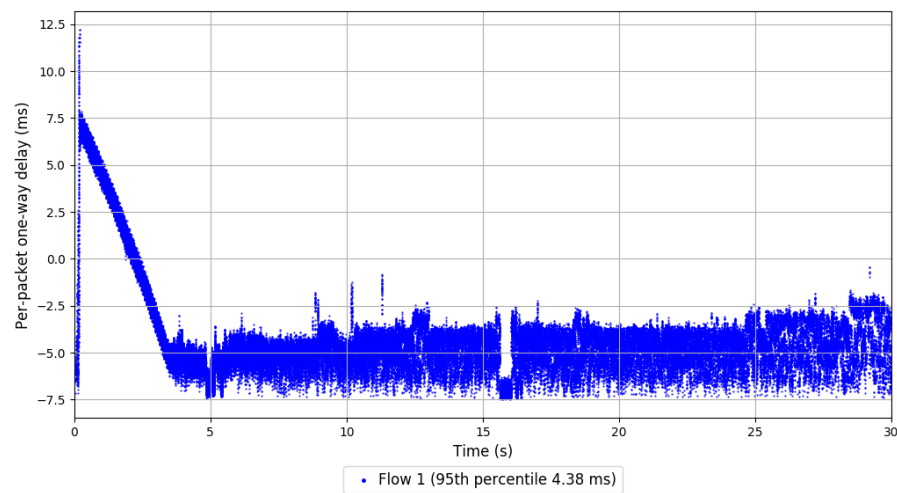
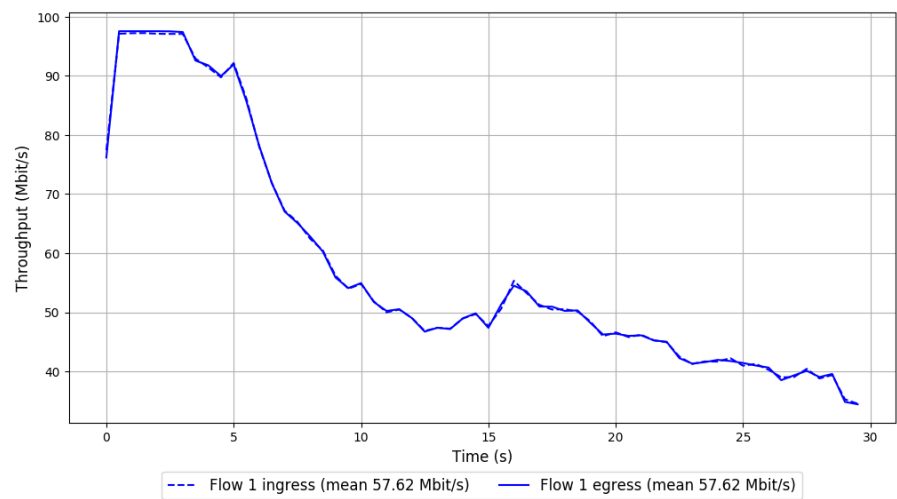


Run 10: Statistics of TCP Vegas

Start at: 2018-01-25 11:41:22
End at: 2018-01-25 11:41:52
Local clock offset: 4.781 ms
Remote clock offset: -16.893 ms

Below is generated by plot.py at 2018-01-25 12:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 4.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 4.378 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

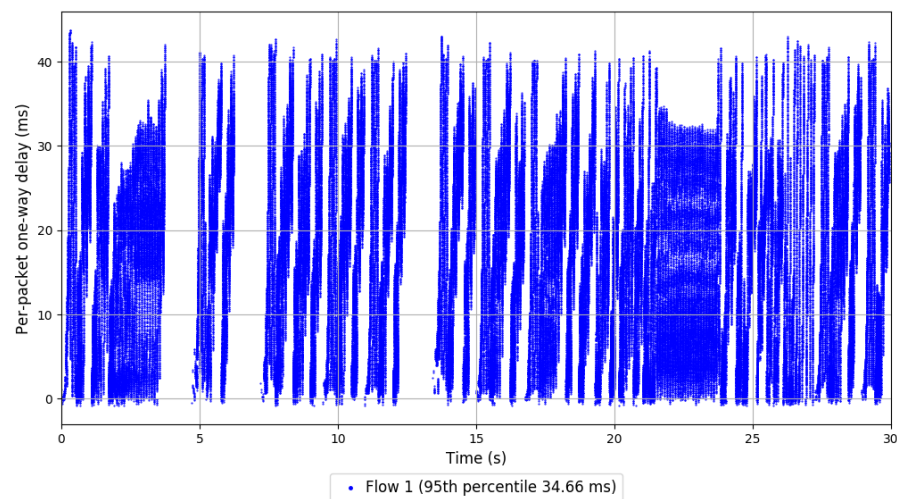
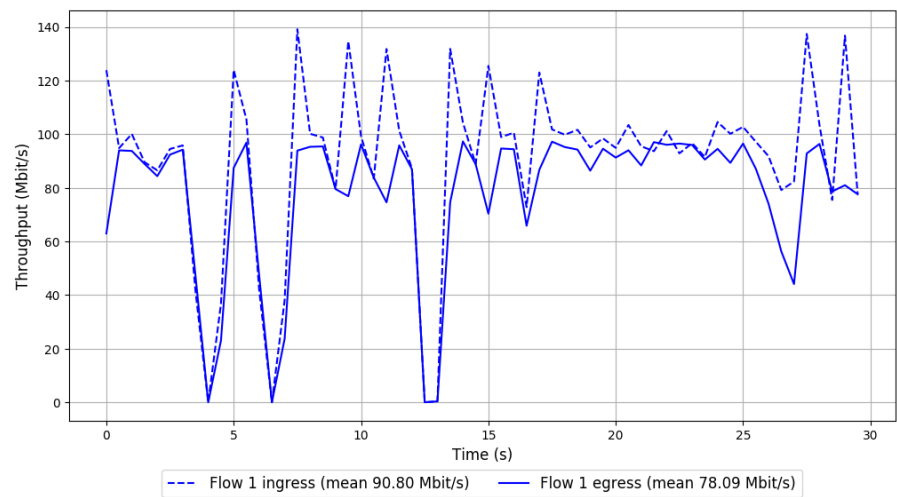


Run 1: Statistics of Verus

Start at: 2018-01-25 09:05:51
End at: 2018-01-25 09:06:21
Local clock offset: 0.02 ms
Remote clock offset: -13.547 ms

Below is generated by plot.py at 2018-01-25 12:32:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 34.663 ms
Loss rate: 13.92%
-- Flow 1:
Average throughput: 78.09 Mbit/s
95th percentile per-packet one-way delay: 34.663 ms
Loss rate: 13.92%

Run 1: Report of Verus — Data Link

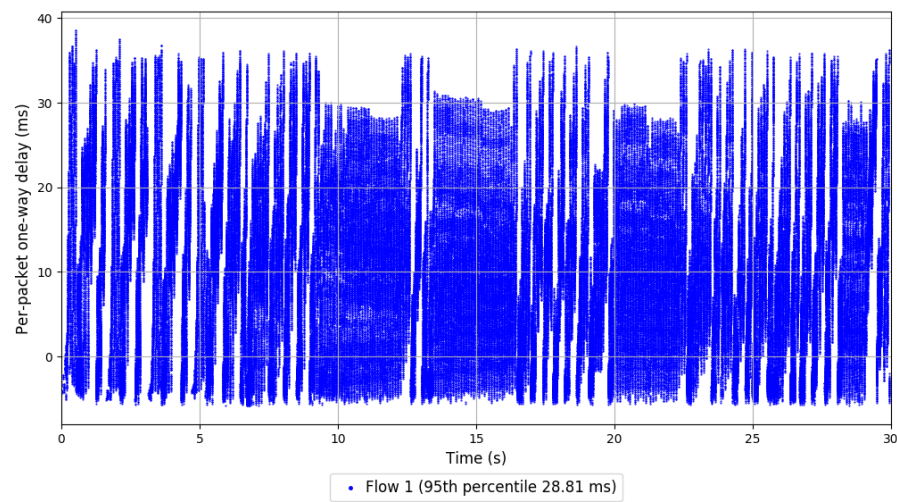
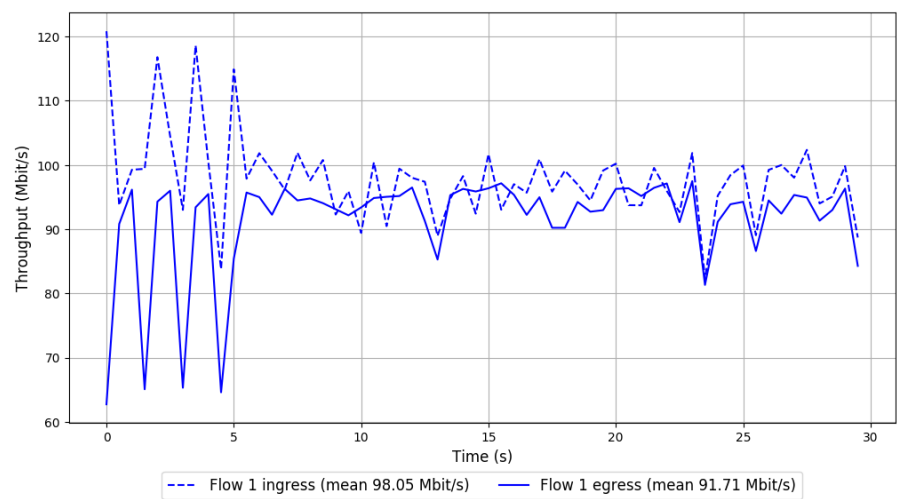


Run 2: Statistics of Verus

Start at: 2018-01-25 09:24:28
End at: 2018-01-25 09:24:58
Local clock offset: 0.521 ms
Remote clock offset: -19.425 ms

Below is generated by plot.py at 2018-01-25 12:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 28.811 ms
Loss rate: 6.47%
-- Flow 1:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 28.811 ms
Loss rate: 6.47%

Run 2: Report of Verus — Data Link

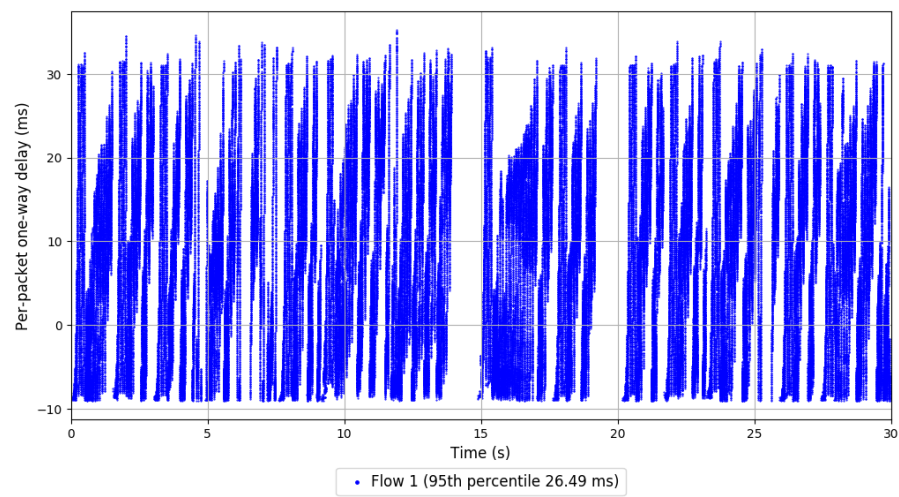
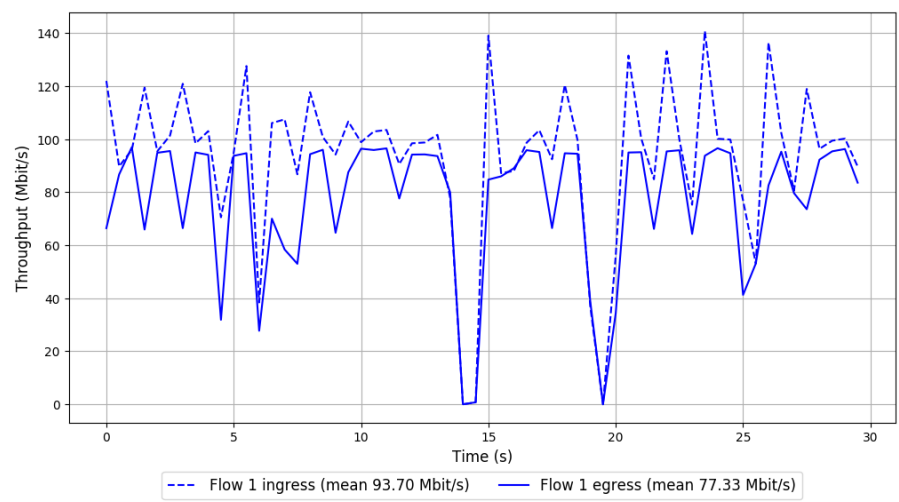


Run 3: Statistics of Verus

Start at: 2018-01-25 09:43:17
End at: 2018-01-25 09:43:47
Local clock offset: 2.739 ms
Remote clock offset: -20.623 ms

Below is generated by plot.py at 2018-01-25 12:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 26.486 ms
Loss rate: 17.45%
-- Flow 1:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 26.486 ms
Loss rate: 17.45%

Run 3: Report of Verus — Data Link

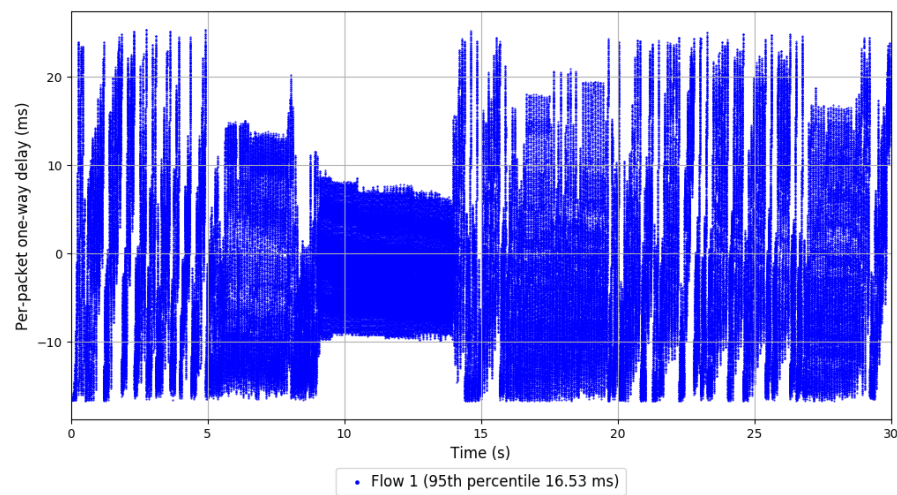
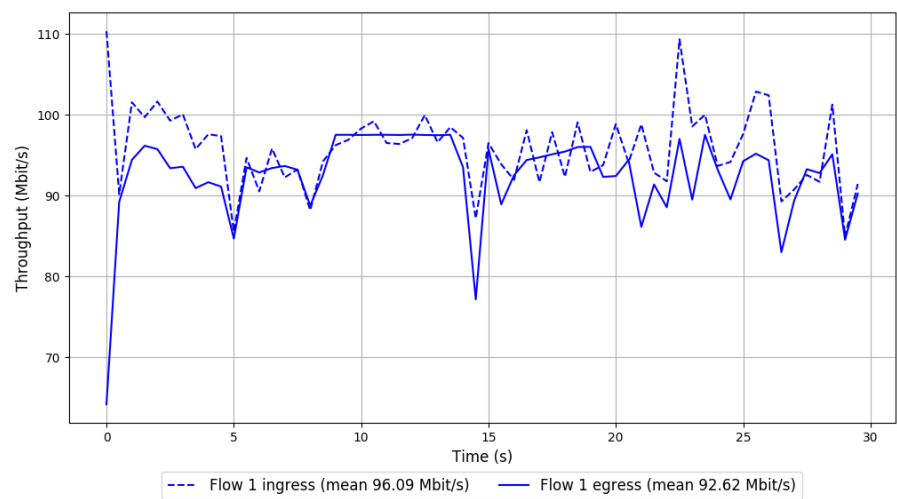


Run 4: Statistics of Verus

Start at: 2018-01-25 10:01:58
End at: 2018-01-25 10:02:28
Local clock offset: 0.669 ms
Remote clock offset: -29.455 ms

Below is generated by plot.py at 2018-01-25 12:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 16.530 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 92.62 Mbit/s
95th percentile per-packet one-way delay: 16.530 ms
Loss rate: 3.50%

Run 4: Report of Verus — Data Link

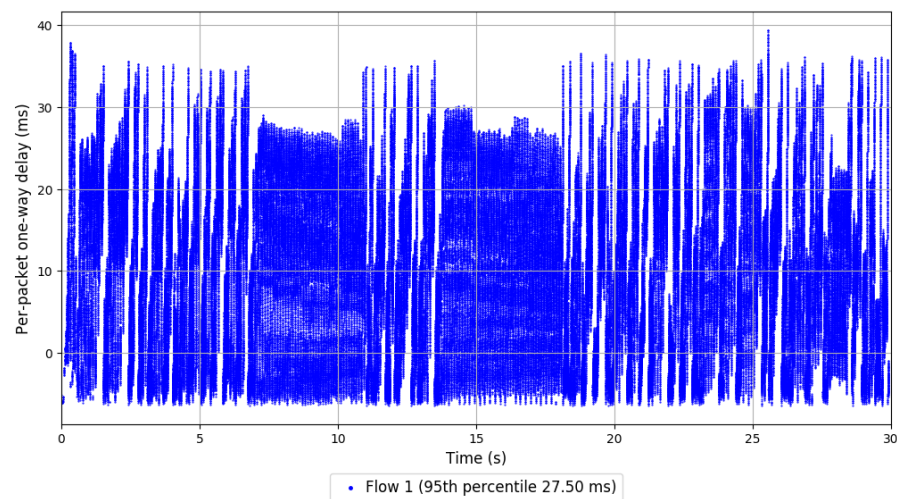
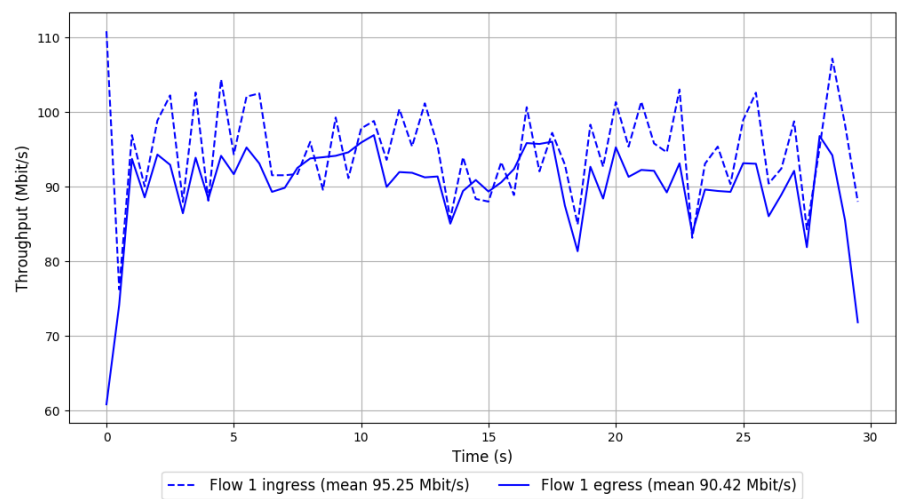


Run 5: Statistics of Verus

Start at: 2018-01-25 10:20:30
End at: 2018-01-25 10:21:00
Local clock offset: -4.626 ms
Remote clock offset: -23.867 ms

Below is generated by plot.py at 2018-01-25 12:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 27.505 ms
Loss rate: 5.05%
-- Flow 1:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 27.505 ms
Loss rate: 5.05%

Run 5: Report of Verus — Data Link

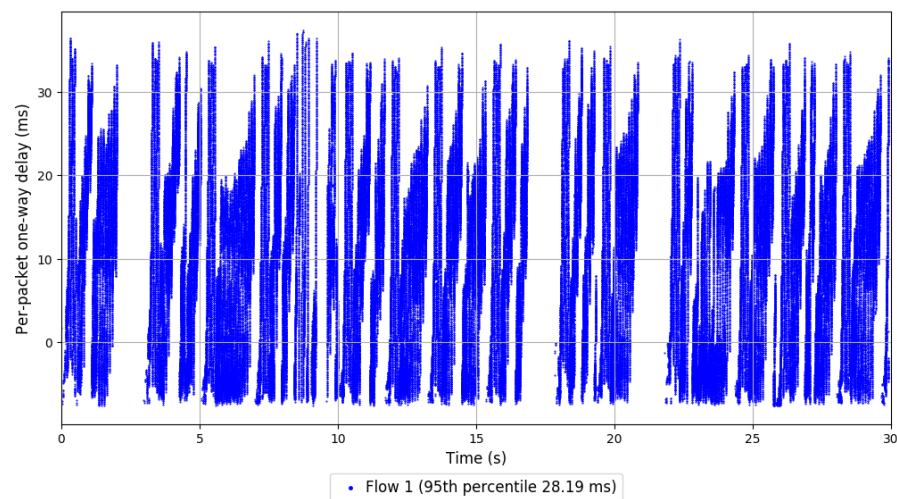
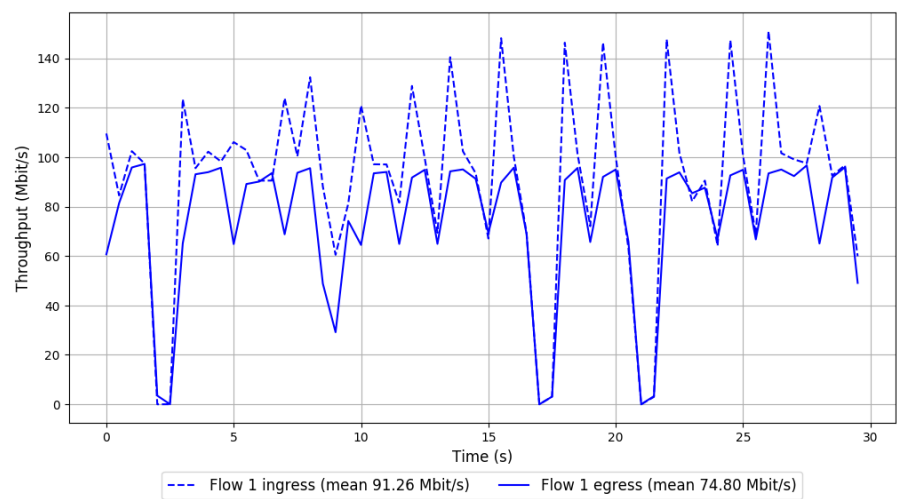


Run 6: Statistics of Verus

Start at: 2018-01-25 10:38:59
End at: 2018-01-25 10:39:29
Local clock offset: 3.024 ms
Remote clock offset: -14.603 ms

Below is generated by plot.py at 2018-01-25 12:33:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.80 Mbit/s
95th percentile per-packet one-way delay: 28.188 ms
Loss rate: 18.04%
-- Flow 1:
Average throughput: 74.80 Mbit/s
95th percentile per-packet one-way delay: 28.188 ms
Loss rate: 18.04%

Run 6: Report of Verus — Data Link

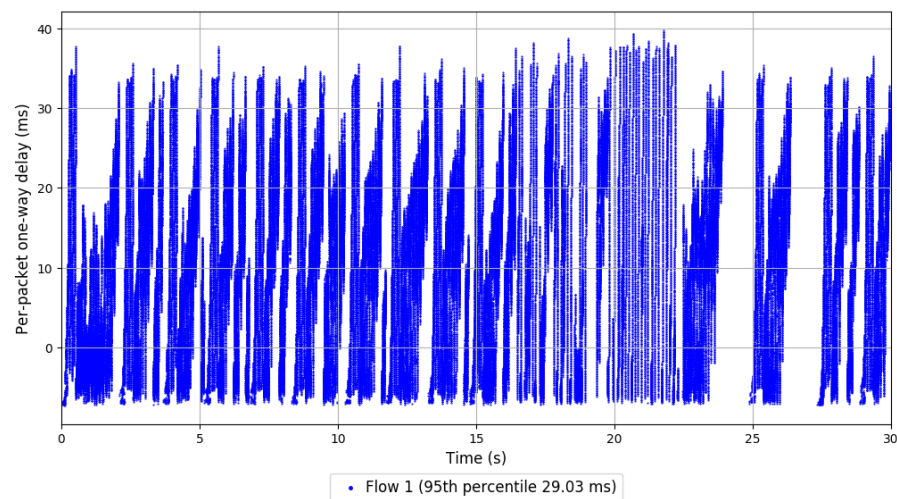
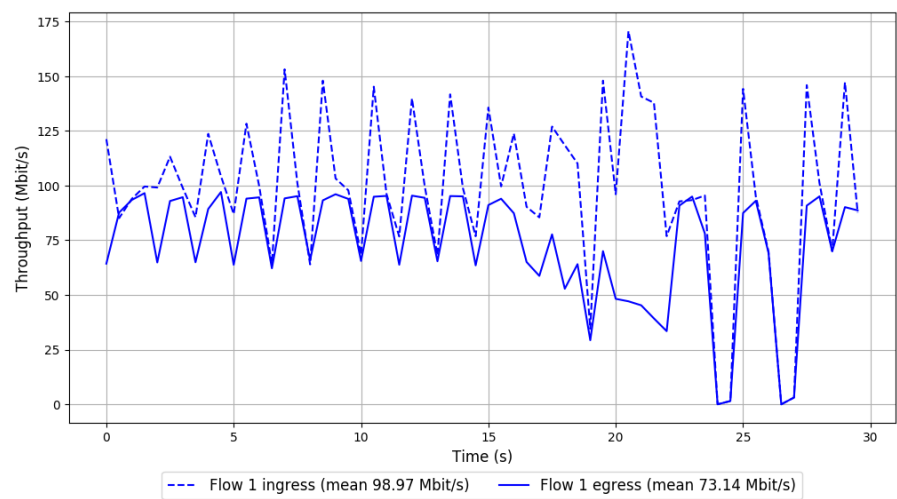


Run 7: Statistics of Verus

Start at: 2018-01-25 10:57:21
End at: 2018-01-25 10:57:51
Local clock offset: 3.754 ms
Remote clock offset: -15.466 ms

Below is generated by plot.py at 2018-01-25 12:33:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: 29.027 ms
Loss rate: 26.02%
-- Flow 1:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: 29.027 ms
Loss rate: 26.02%

Run 7: Report of Verus — Data Link

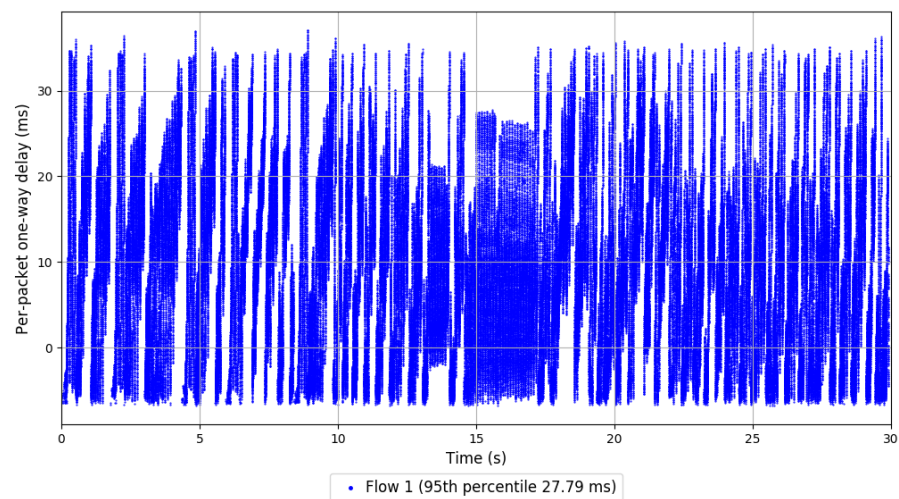
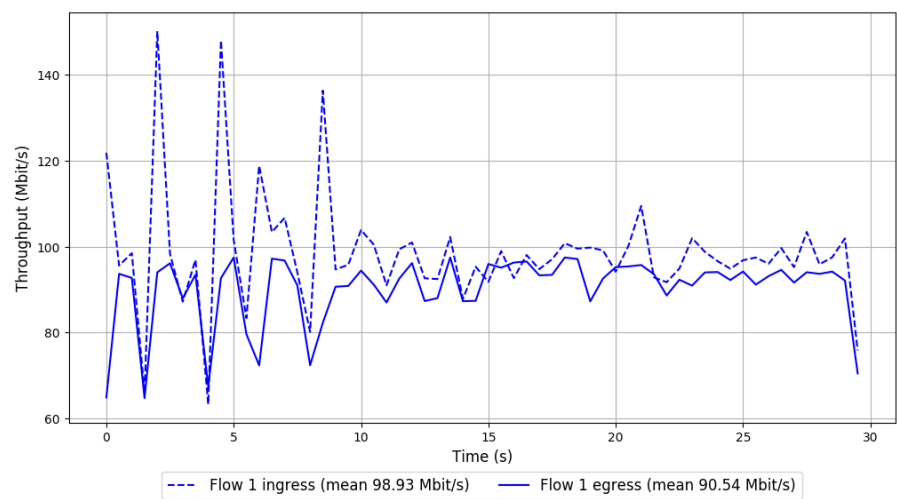


Run 8: Statistics of Verus

Start at: 2018-01-25 11:16:02
End at: 2018-01-25 11:16:32
Local clock offset: 3.619 ms
Remote clock offset: -17.173 ms

Below is generated by plot.py at 2018-01-25 12:34:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 27.789 ms
Loss rate: 8.47%
-- Flow 1:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 27.789 ms
Loss rate: 8.47%

Run 8: Report of Verus — Data Link

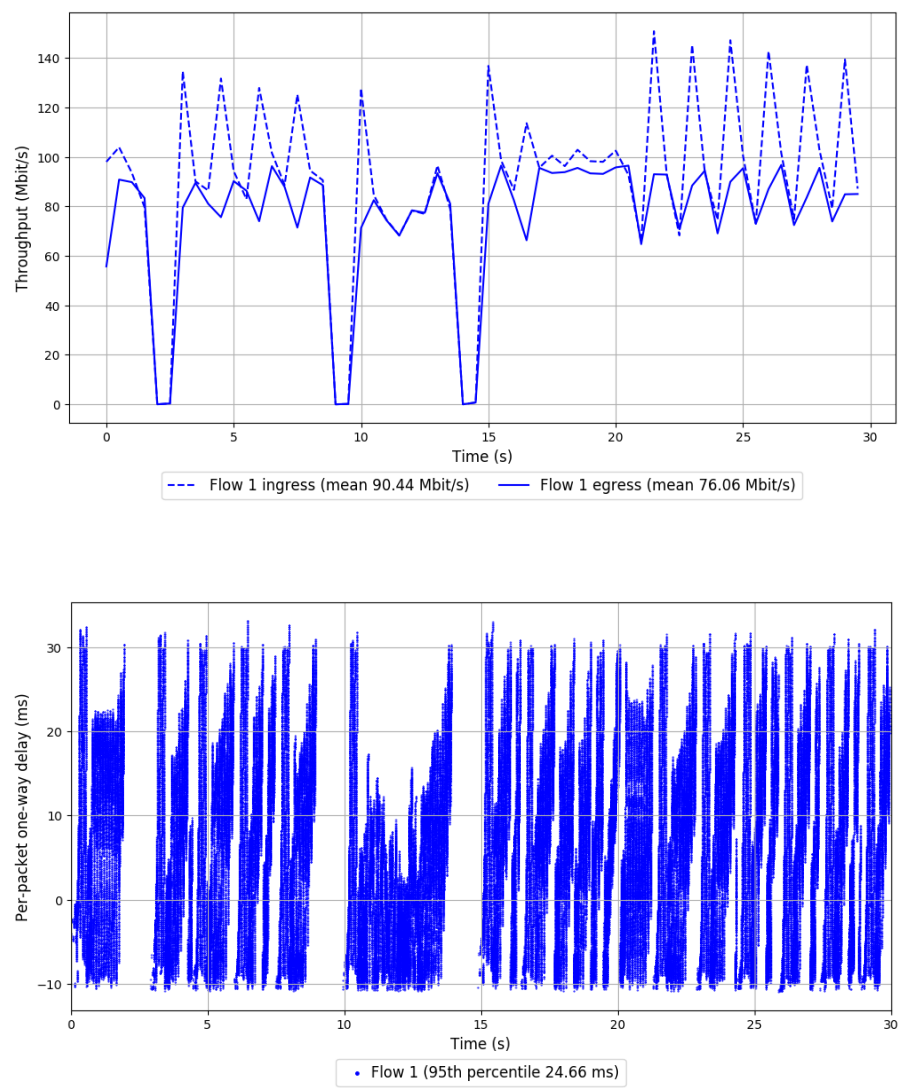


Run 9: Statistics of Verus

Start at: 2018-01-25 11:34:27
End at: 2018-01-25 11:34:57
Local clock offset: -0.283 ms
Remote clock offset: -25.365 ms

Below is generated by plot.py at 2018-01-25 12:34:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.06 Mbit/s
95th percentile per-packet one-way delay: 24.664 ms
Loss rate: 15.82%
-- Flow 1:
Average throughput: 76.06 Mbit/s
95th percentile per-packet one-way delay: 24.664 ms
Loss rate: 15.82%

Run 9: Report of Verus — Data Link

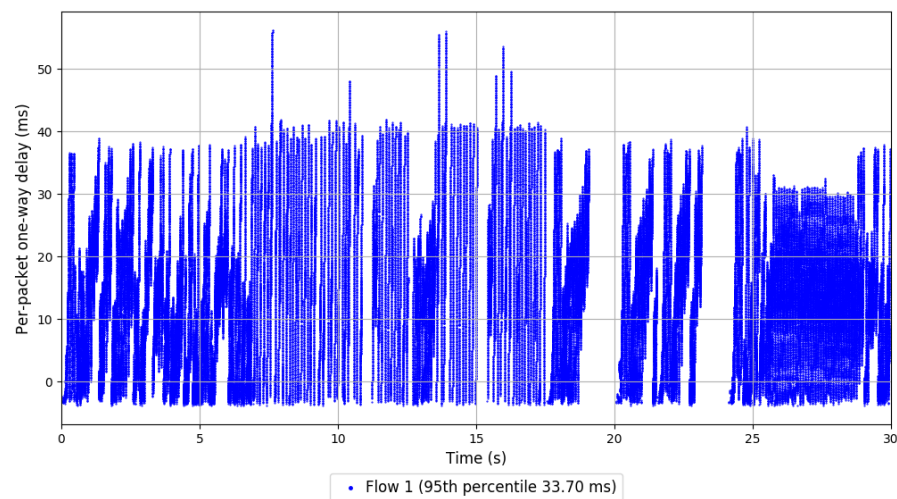
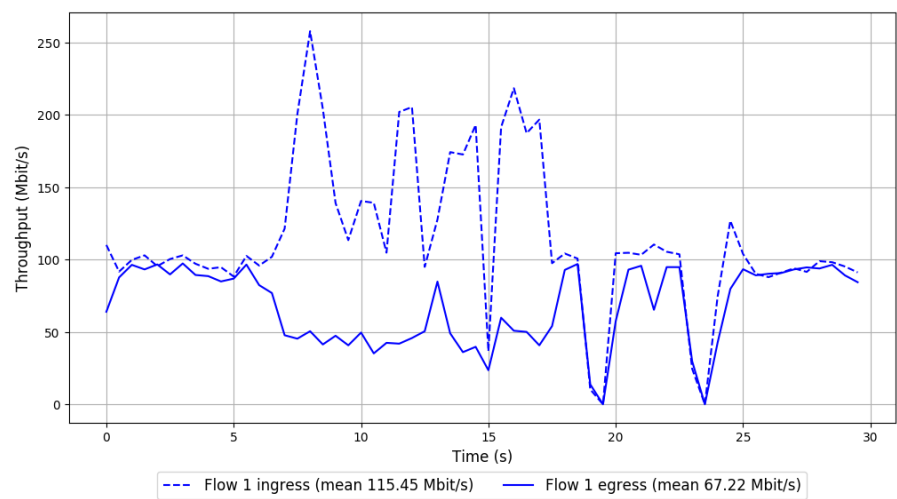


Run 10: Statistics of Verus

Start at: 2018-01-25 11:53:02
End at: 2018-01-25 11:53:32
Local clock offset: 2.672 ms
Remote clock offset: -15.303 ms

Below is generated by plot.py at 2018-01-25 12:34:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.22 Mbit/s
95th percentile per-packet one-way delay: 33.702 ms
Loss rate: 41.70%
-- Flow 1:
Average throughput: 67.22 Mbit/s
95th percentile per-packet one-way delay: 33.702 ms
Loss rate: 41.70%

Run 10: Report of Verus — Data Link

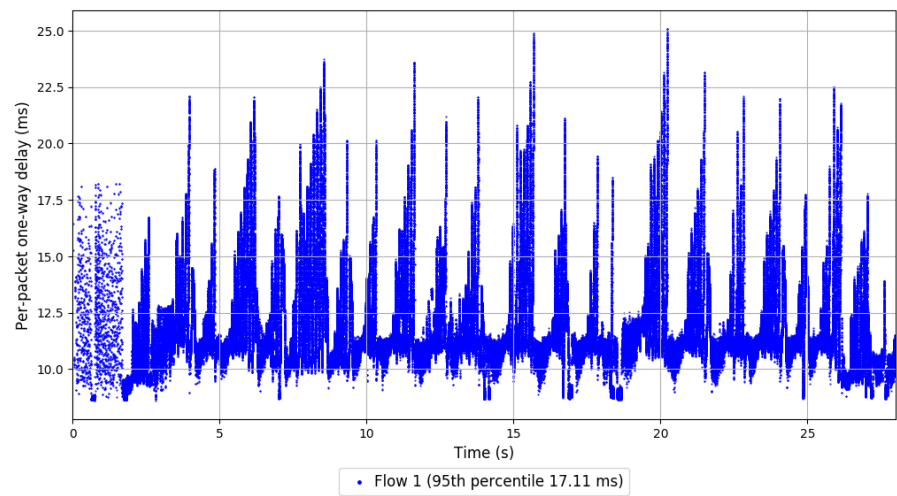
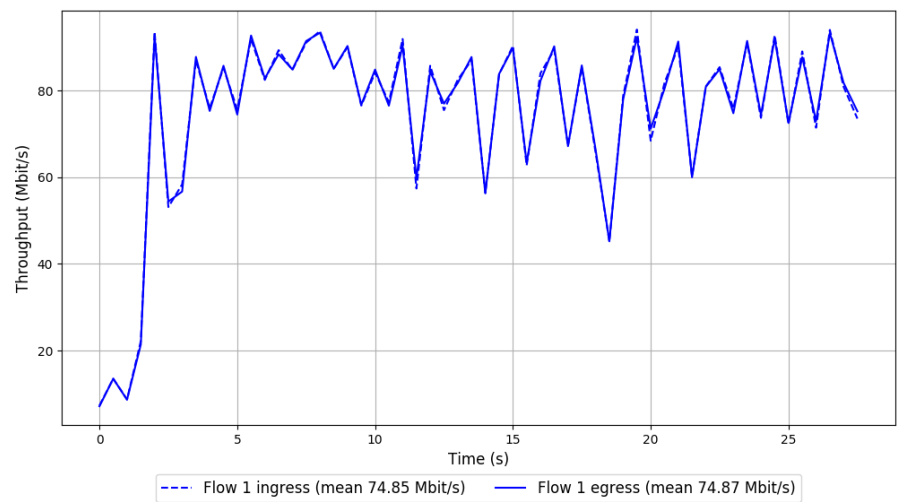


Run 1: Statistics of Copa

Start at: 2018-01-25 09:01:04
End at: 2018-01-25 09:01:34
Local clock offset: -0.226 ms
Remote clock offset: -3.574 ms

Below is generated by plot.py at 2018-01-25 12:35:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.87 Mbit/s
95th percentile per-packet one-way delay: 17.112 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.87 Mbit/s
95th percentile per-packet one-way delay: 17.112 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

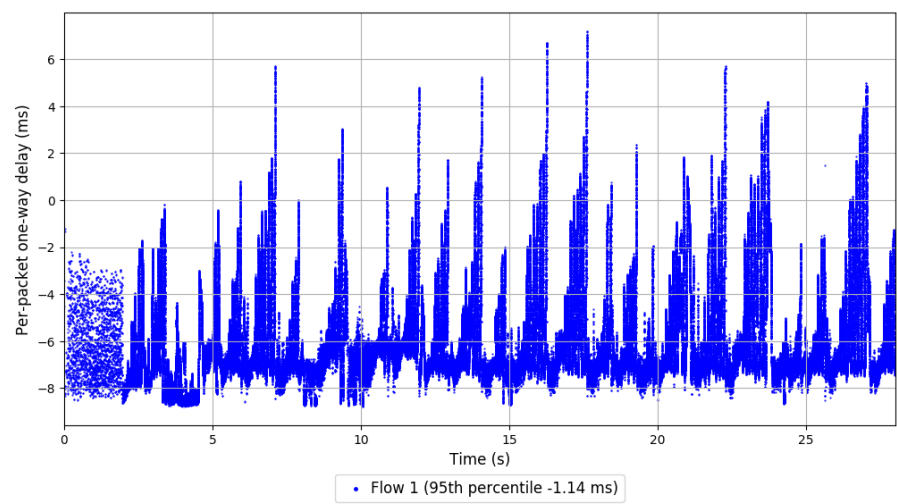
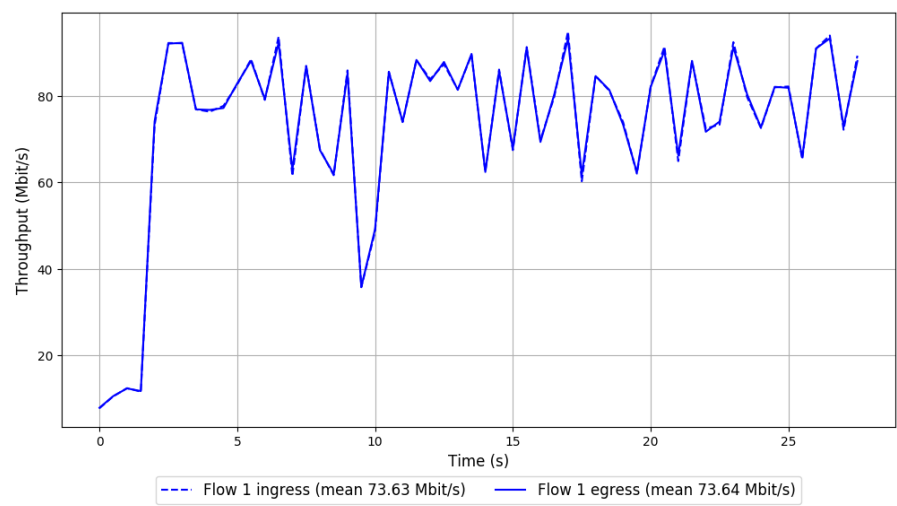


Run 2: Statistics of Copa

Start at: 2018-01-25 09:19:48
End at: 2018-01-25 09:20:18
Local clock offset: 4.606 ms
Remote clock offset: -18.216 ms

Below is generated by plot.py at 2018-01-25 12:35:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.64 Mbit/s
95th percentile per-packet one-way delay: -1.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.64 Mbit/s
95th percentile per-packet one-way delay: -1.142 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

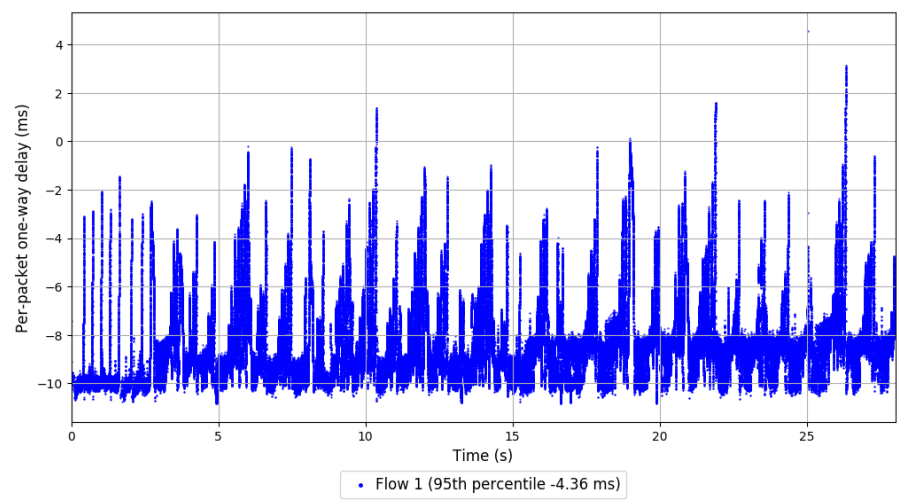
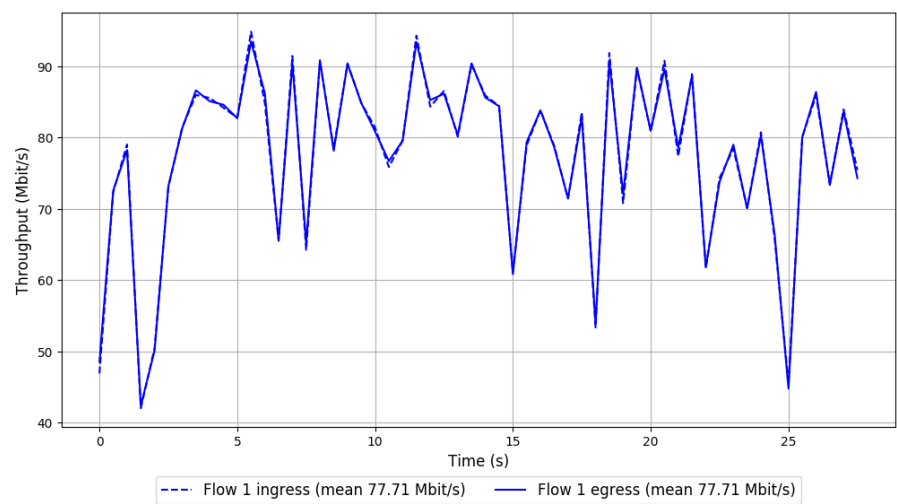


Run 3: Statistics of Copa

Start at: 2018-01-25 09:38:26
End at: 2018-01-25 09:38:56
Local clock offset: 1.787 ms
Remote clock offset: -23.656 ms

Below is generated by plot.py at 2018-01-25 12:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: -4.362 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: -4.362 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

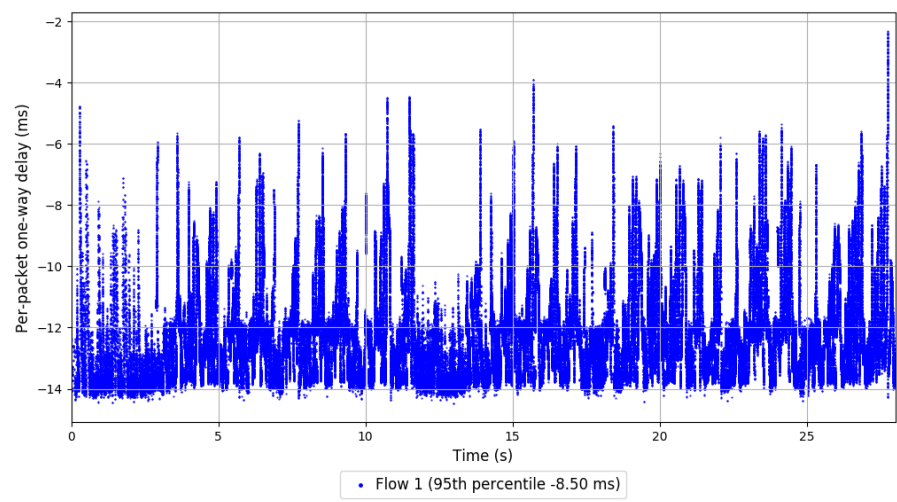
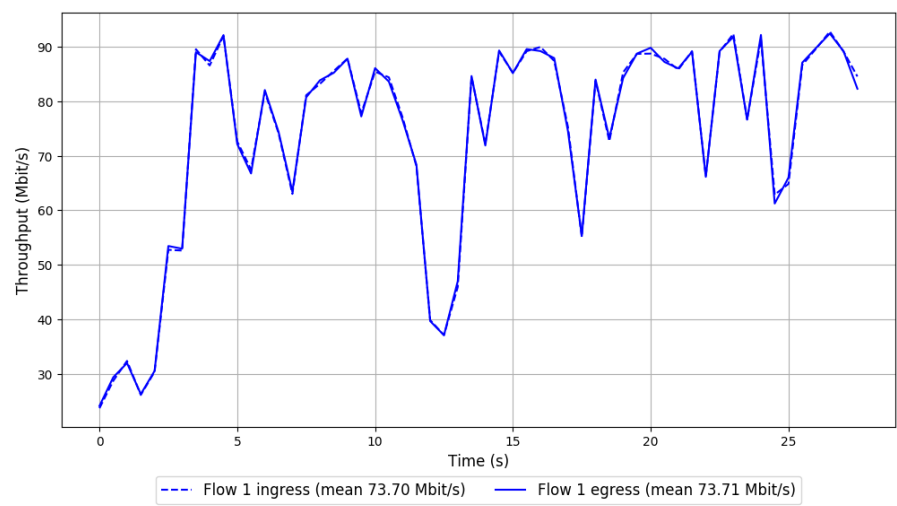


Run 4: Statistics of Copa

Start at: 2018-01-25 09:57:19
End at: 2018-01-25 09:57:49
Local clock offset: 0.054 ms
Remote clock offset: -28.157 ms

Below is generated by plot.py at 2018-01-25 12:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: -8.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: -8.502 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

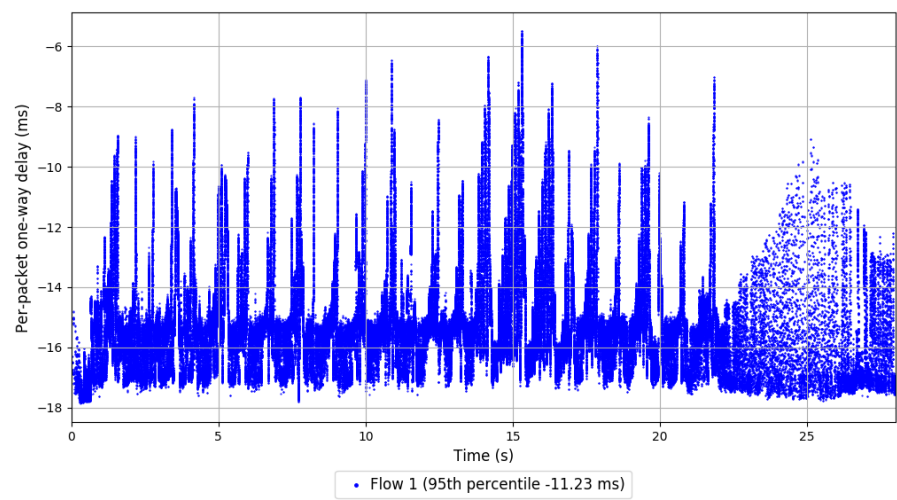
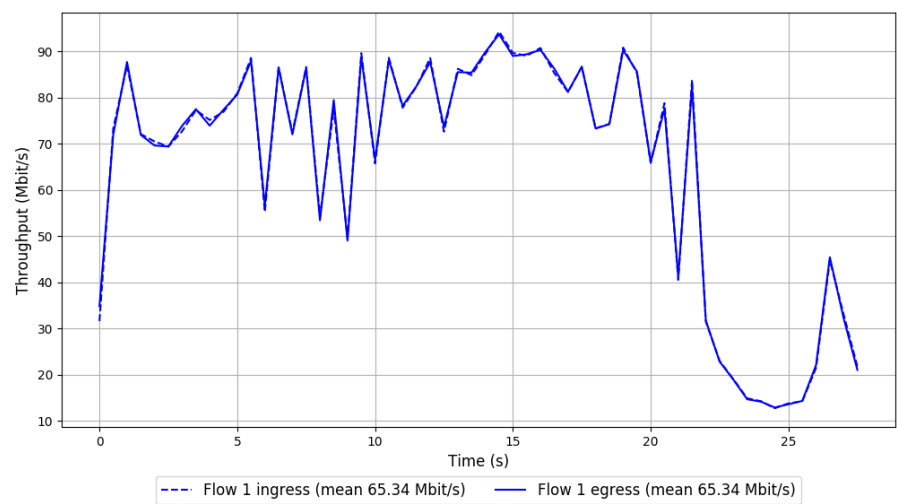


Run 5: Statistics of Copa

Start at: 2018-01-25 10:15:47
End at: 2018-01-25 10:16:17
Local clock offset: 4.604 ms
Remote clock offset: -26.504 ms

Below is generated by plot.py at 2018-01-25 12:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.34 Mbit/s
95th percentile per-packet one-way delay: -11.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.34 Mbit/s
95th percentile per-packet one-way delay: -11.234 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

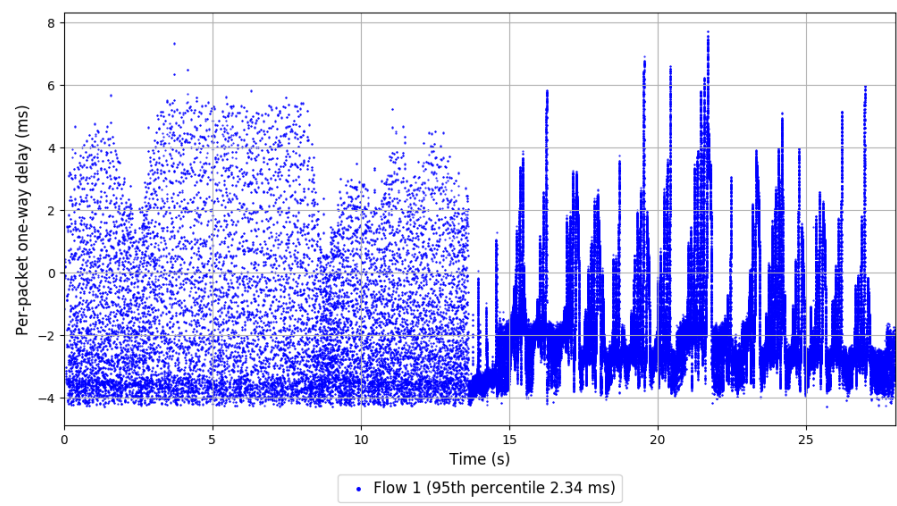
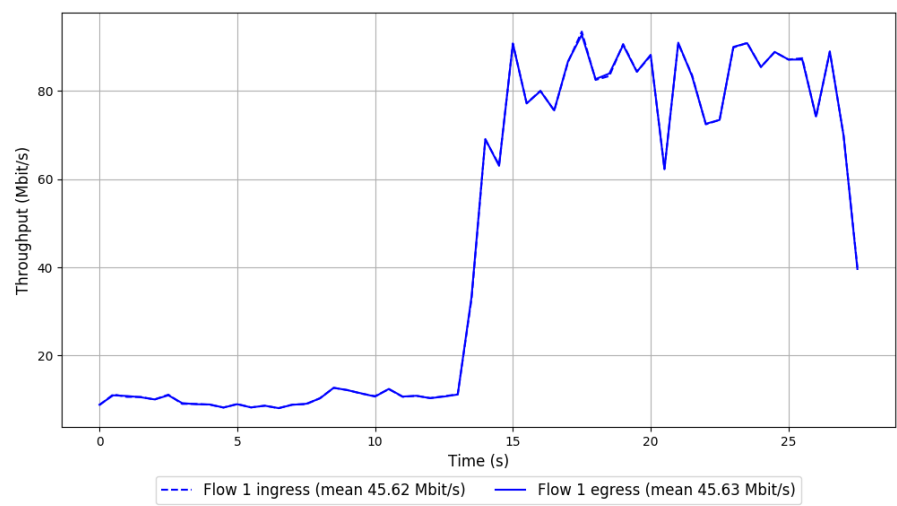


Run 6: Statistics of Copa

Start at: 2018-01-25 10:34:20
End at: 2018-01-25 10:34:50
Local clock offset: 1.601 ms
Remote clock offset: -12.967 ms

Below is generated by plot.py at 2018-01-25 12:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.63 Mbit/s
95th percentile per-packet one-way delay: 2.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.63 Mbit/s
95th percentile per-packet one-way delay: 2.336 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

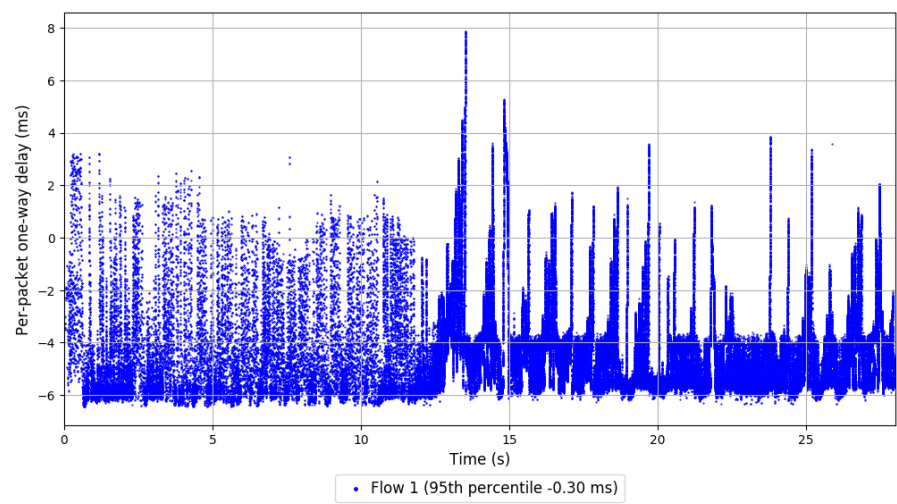
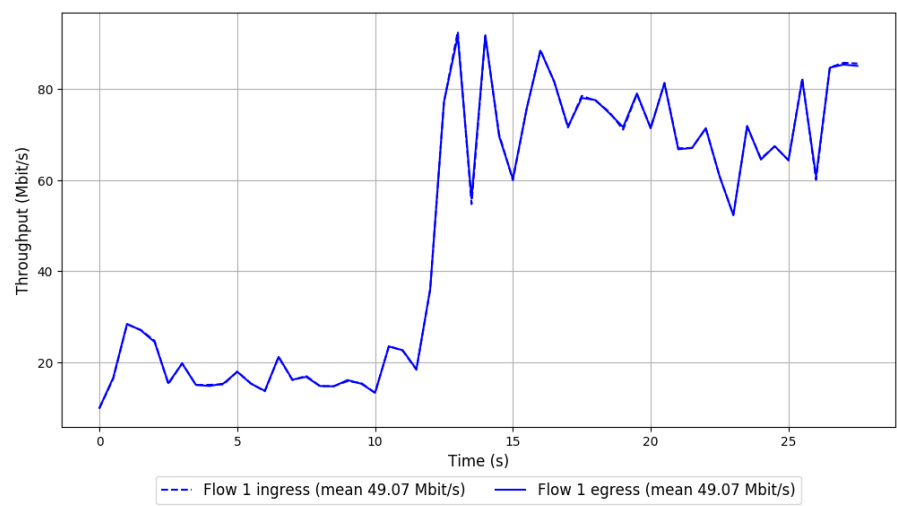


Run 7: Statistics of Copa

Start at: 2018-01-25 10:52:47
End at: 2018-01-25 10:53:17
Local clock offset: 1.83 ms
Remote clock offset: -16.123 ms

Below is generated by plot.py at 2018-01-25 12:35:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: -0.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: -0.296 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

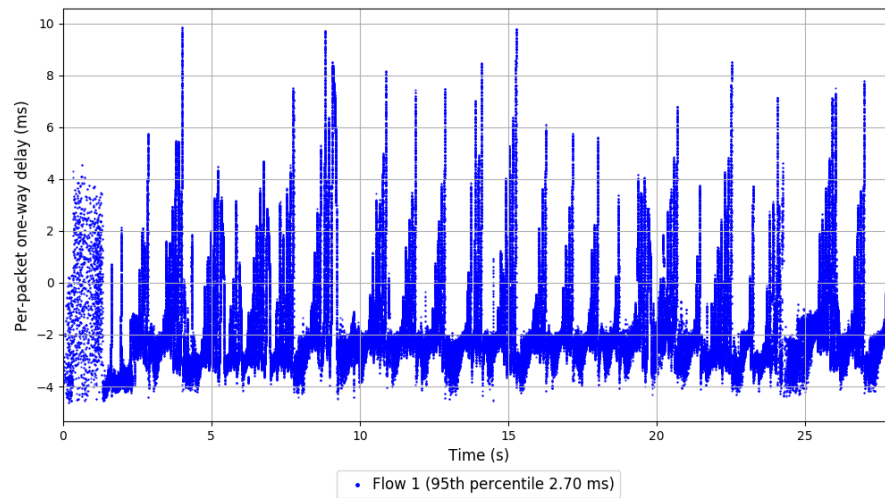
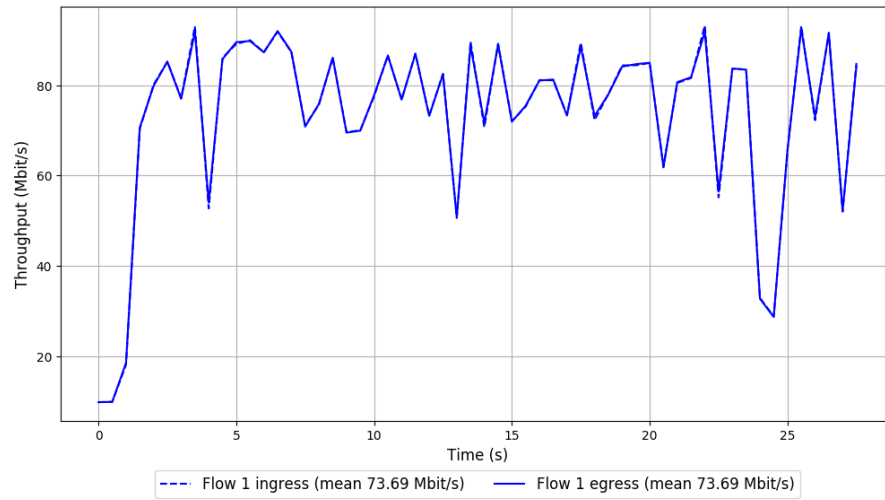


Run 8: Statistics of Copa

Start at: 2018-01-25 11:11:16
End at: 2018-01-25 11:11:46
Local clock offset: 0.674 ms
Remote clock offset: -17.554 ms

Below is generated by plot.py at 2018-01-25 12:36:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.69 Mbit/s
95th percentile per-packet one-way delay: 2.698 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 73.69 Mbit/s
95th percentile per-packet one-way delay: 2.698 ms
Loss rate: 0.01%

Run 8: Report of Copa — Data Link

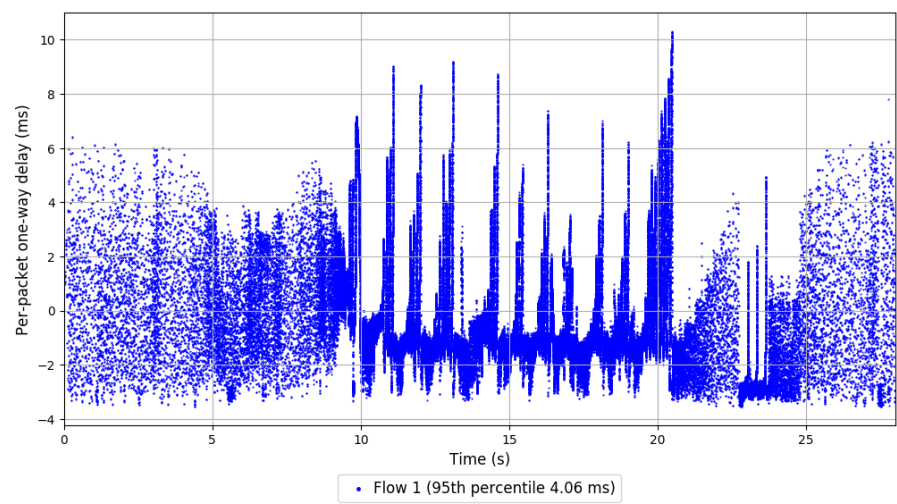
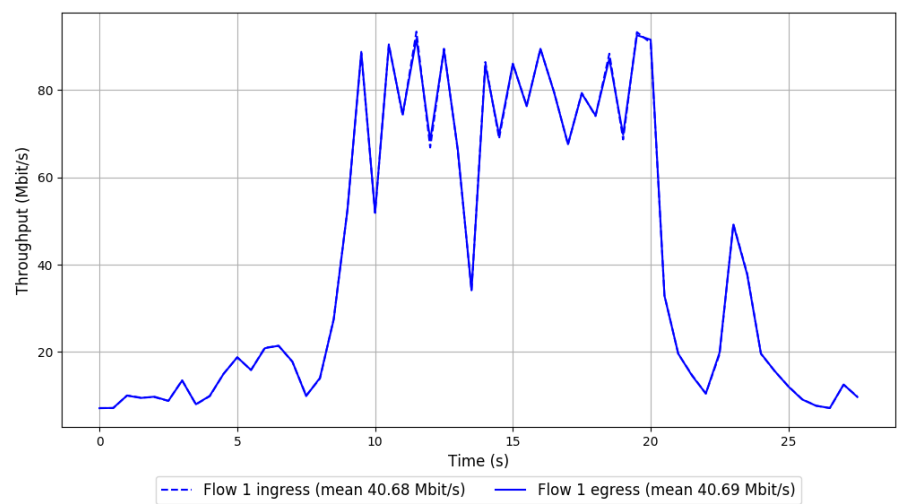


Run 9: Statistics of Copa

Start at: 2018-01-25 11:29:43
End at: 2018-01-25 11:30:13
Local clock offset: 2.063 ms
Remote clock offset: -15.756 ms

Below is generated by plot.py at 2018-01-25 12:36:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 4.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 4.058 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

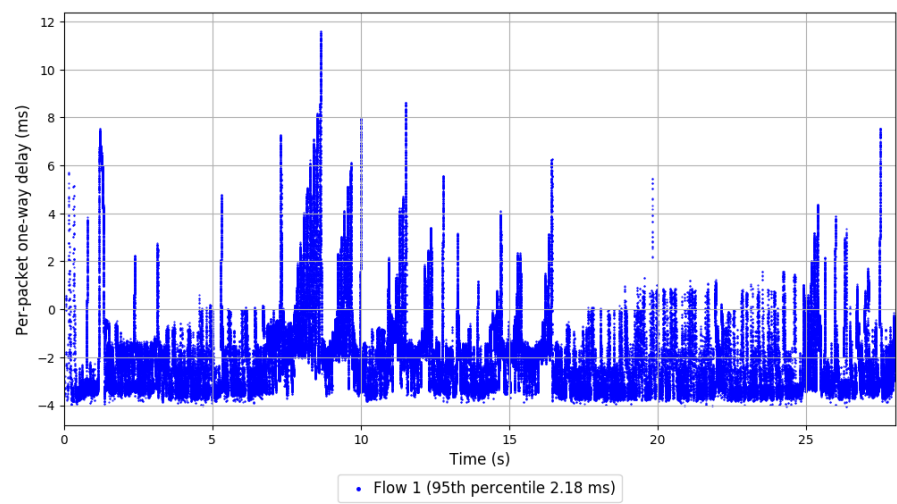
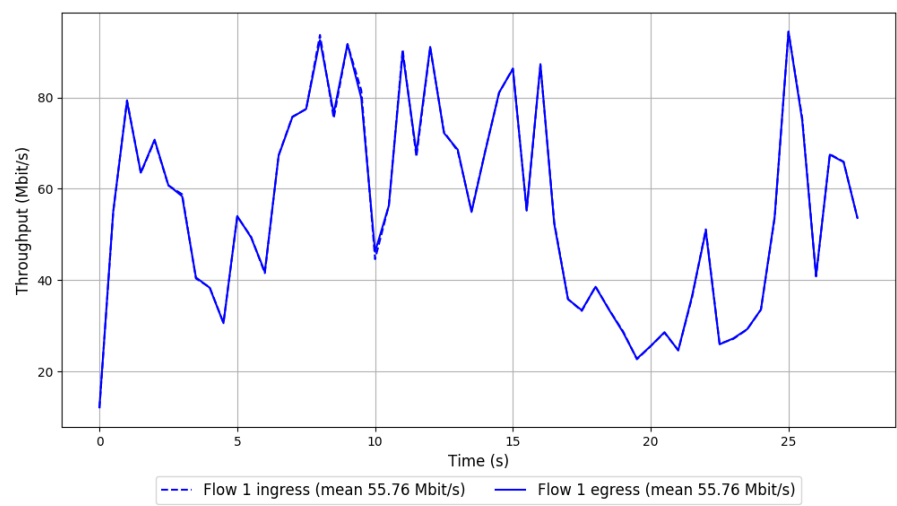


Run 10: Statistics of Copa

Start at: 2018-01-25 11:48:18
End at: 2018-01-25 11:48:48
Local clock offset: 1.051 ms
Remote clock offset: -17.221 ms

Below is generated by plot.py at 2018-01-25 12:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.76 Mbit/s
95th percentile per-packet one-way delay: 2.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.76 Mbit/s
95th percentile per-packet one-way delay: 2.178 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

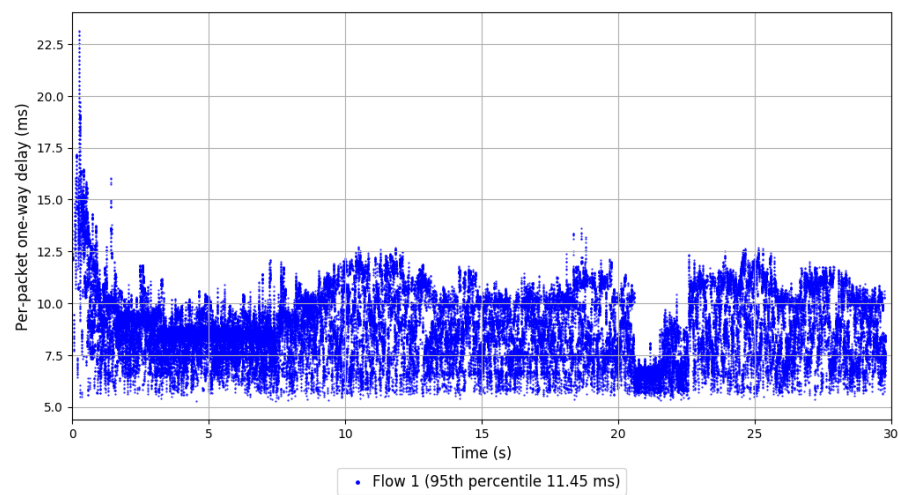
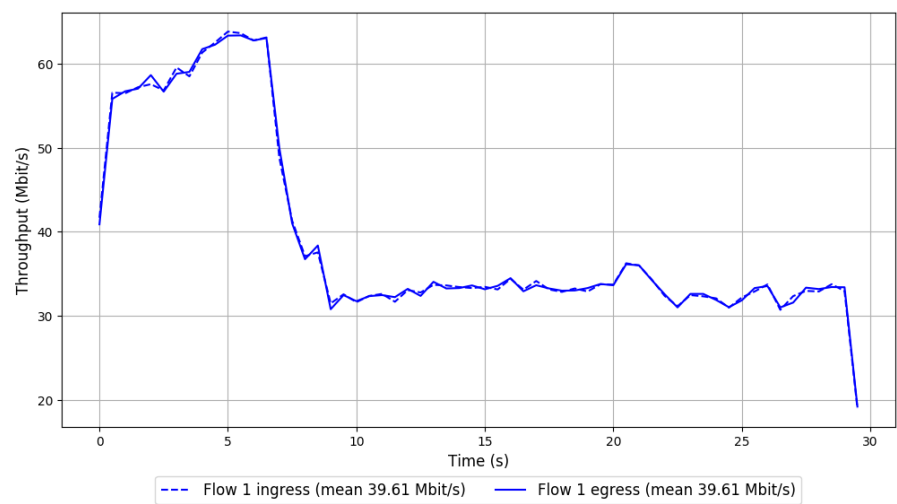


Run 1: Statistics of Indigo-2-256

Start at: 2018-01-25 09:03:30
End at: 2018-01-25 09:04:00
Local clock offset: 1.015 ms
Remote clock offset: -6.196 ms

Below is generated by plot.py at 2018-01-25 12:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 11.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 11.454 ms
Loss rate: 0.00%

Run 1: Report of Indigo-2-256 — Data Link

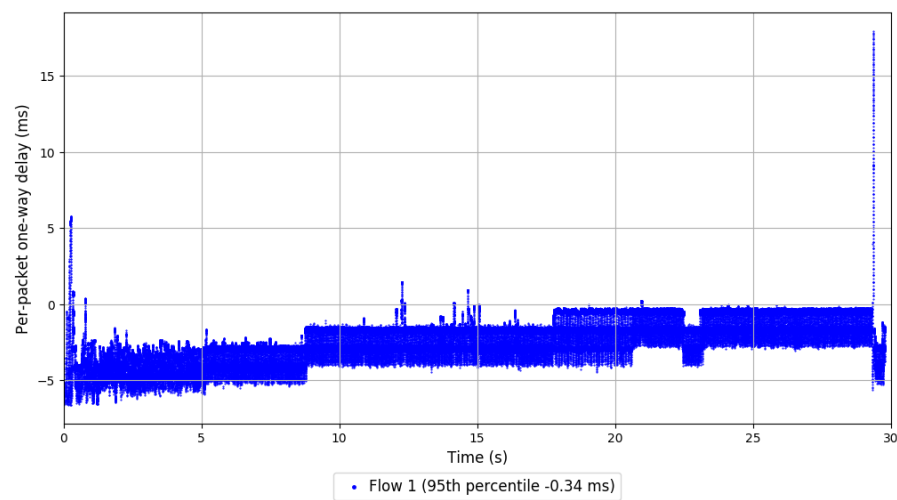
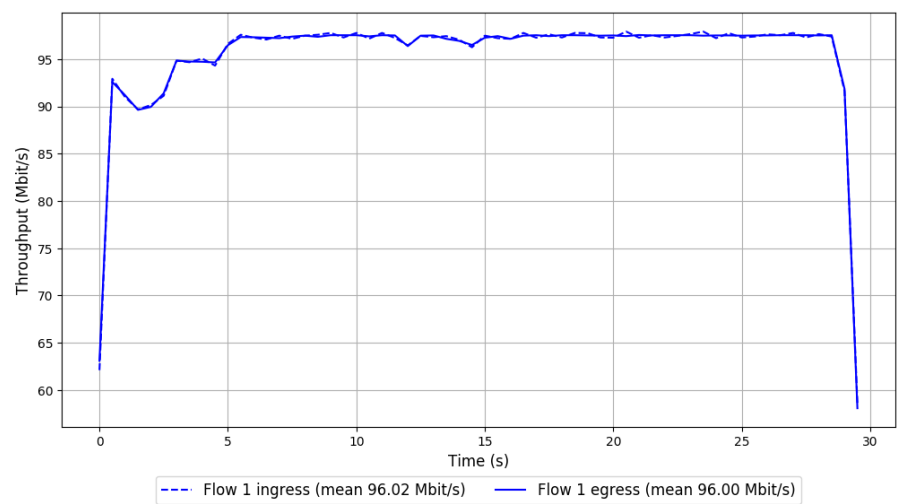


Run 2: Statistics of Indigo-2-256

Start at: 2018-01-25 09:22:04
End at: 2018-01-25 09:22:34
Local clock offset: 1.931 ms
Remote clock offset: -18.856 ms

Below is generated by plot.py at 2018-01-25 12:36:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: -0.337 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: -0.337 ms
Loss rate: 0.00%

Run 2: Report of Indigo-2-256 — Data Link

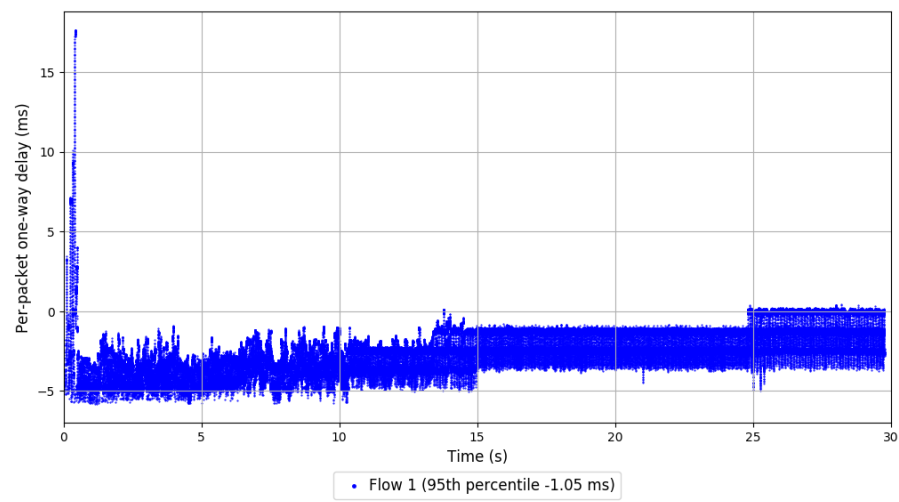
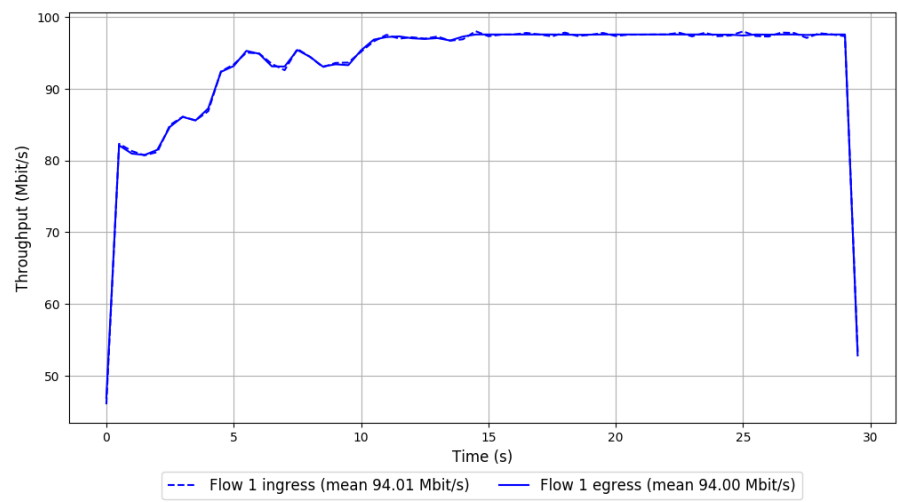


Run 3: Statistics of Indigo-2-256

Start at: 2018-01-25 09:40:51
End at: 2018-01-25 09:41:21
Local clock offset: 1.831 ms
Remote clock offset: -18.553 ms

Below is generated by plot.py at 2018-01-25 12:37:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: -1.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.00 Mbit/s
95th percentile per-packet one-way delay: -1.047 ms
Loss rate: 0.00%

Run 3: Report of Indigo-2-256 — Data Link

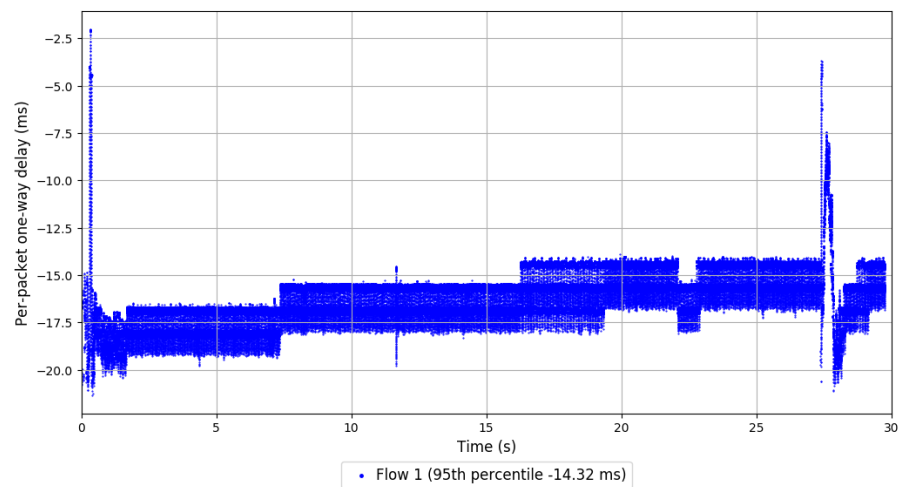
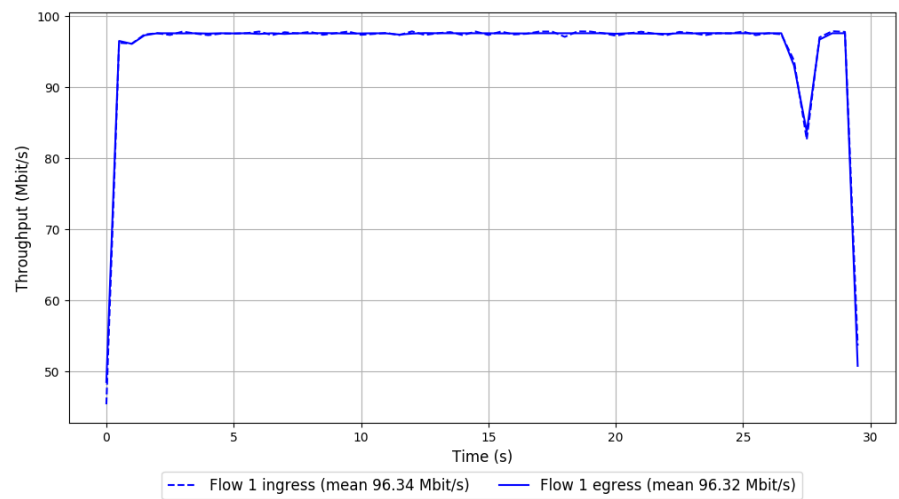


Run 4: Statistics of Indigo-2-256

Start at: 2018-01-25 09:59:36
End at: 2018-01-25 10:00:06
Local clock offset: 4.178 ms
Remote clock offset: -30.955 ms

Below is generated by plot.py at 2018-01-25 12:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: -14.319 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: -14.319 ms
Loss rate: 0.00%

Run 4: Report of Indigo-2-256 — Data Link

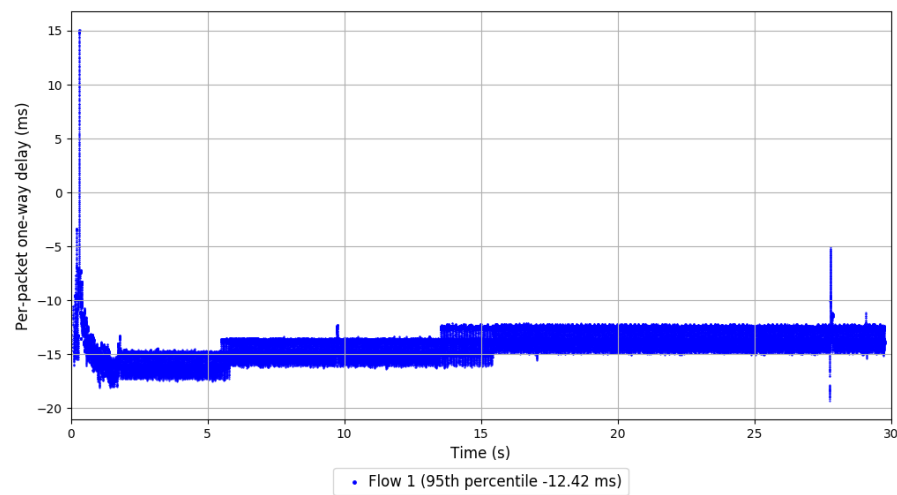
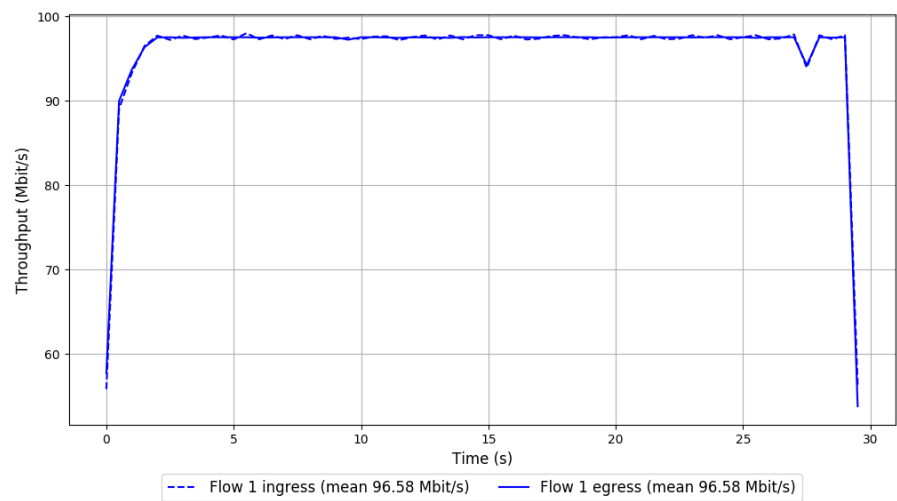


Run 5: Statistics of Indigo-2-256

Start at: 2018-01-25 10:18:07
End at: 2018-01-25 10:18:37
Local clock offset: 5.242 ms
Remote clock offset: -27.506 ms

Below is generated by plot.py at 2018-01-25 12:37:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: -12.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: -12.416 ms
Loss rate: 0.00%

Run 5: Report of Indigo-2-256 — Data Link

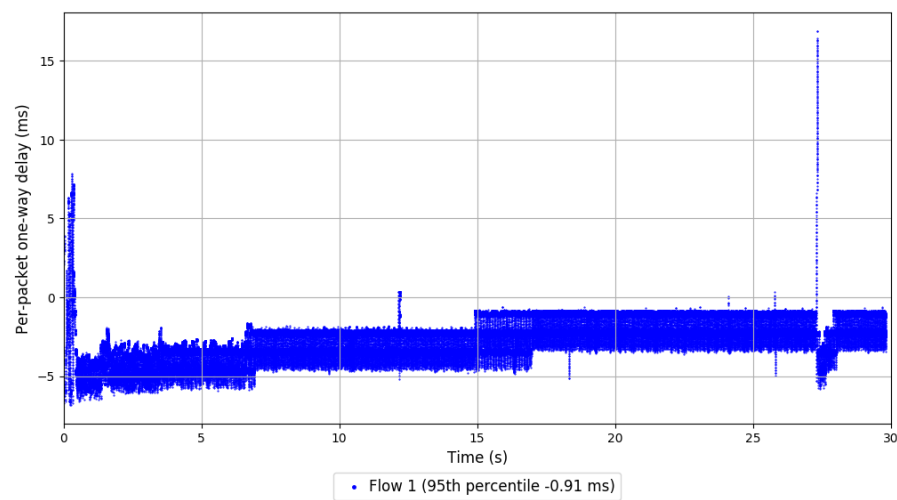
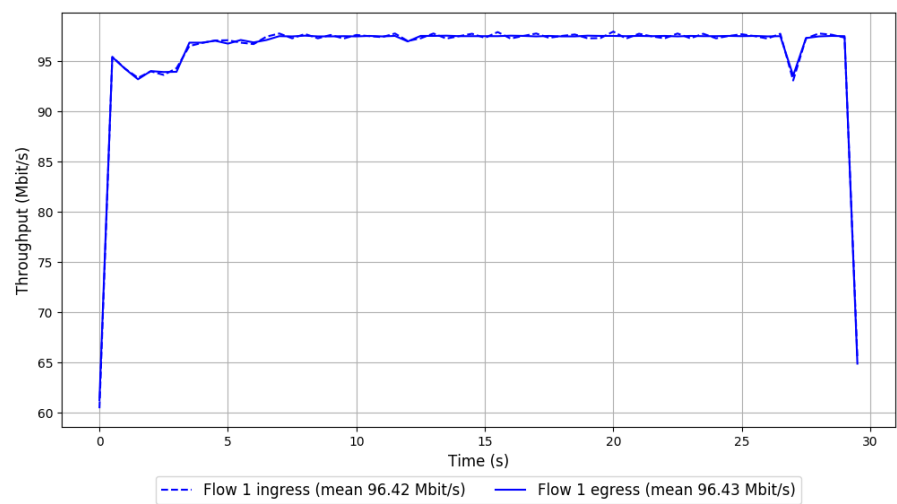


Run 6: Statistics of Indigo-2-256

Start at: 2018-01-25 10:36:39
End at: 2018-01-25 10:37:09
Local clock offset: 3.129 ms
Remote clock offset: -13.684 ms

Below is generated by plot.py at 2018-01-25 12:37:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.43 Mbit/s
95th percentile per-packet one-way delay: -0.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.43 Mbit/s
95th percentile per-packet one-way delay: -0.908 ms
Loss rate: 0.00%

Run 6: Report of Indigo-2-256 — Data Link

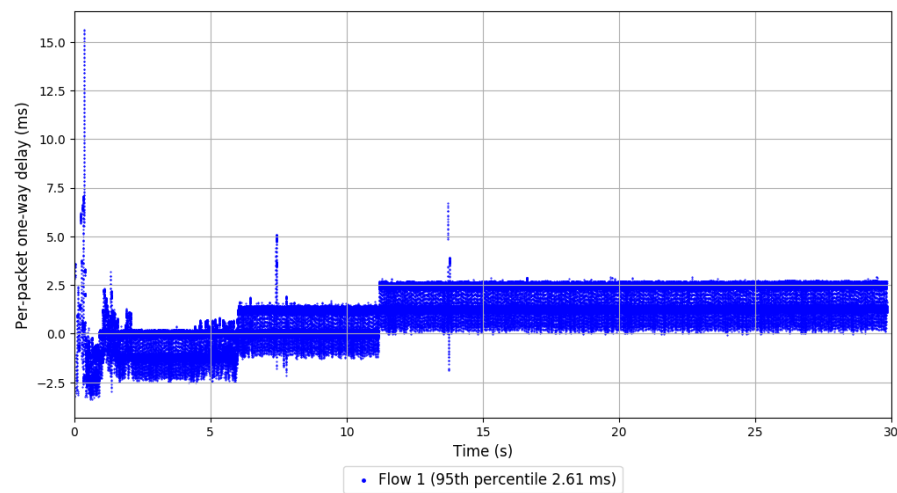
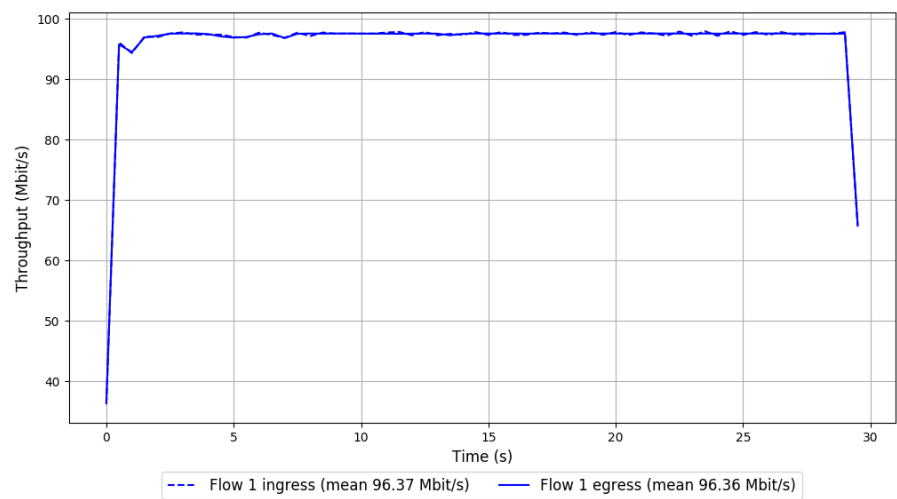


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-25 10:55:01
End at: 2018-01-25 10:55:32
Local clock offset: -0.543 ms
Remote clock offset: -15.674 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 2.614 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 2.614 ms
Loss rate: 0.00%

Run 7: Report of Indigo-2-256 — Data Link

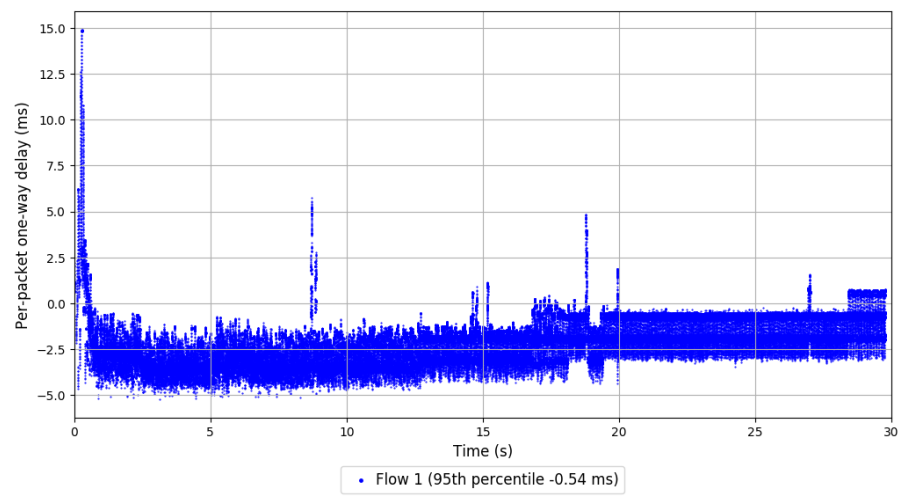
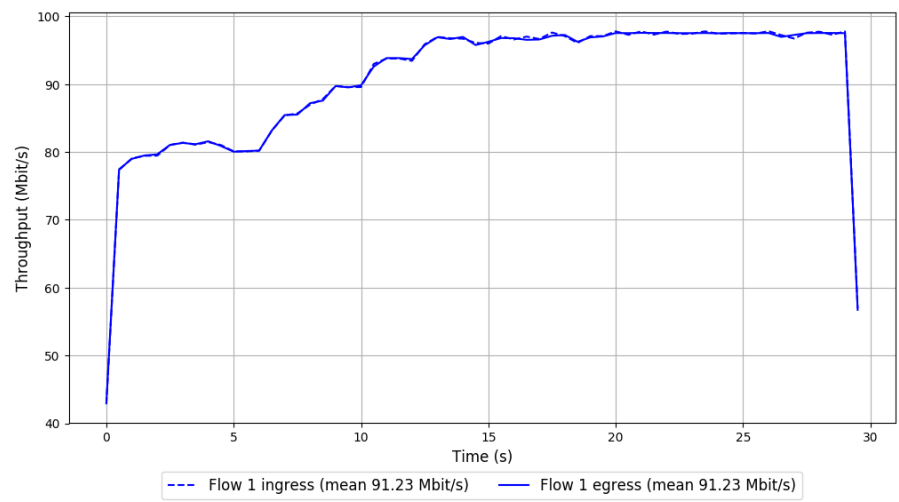


Run 8: Statistics of Indigo-2-256

Start at: 2018-01-25 11:13:40
End at: 2018-01-25 11:14:10
Local clock offset: 1.877 ms
Remote clock offset: -17.179 ms

Below is generated by plot.py at 2018-01-25 12:37:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: -0.543 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: -0.543 ms
Loss rate: 0.02%

Run 8: Report of Indigo-2-256 — Data Link

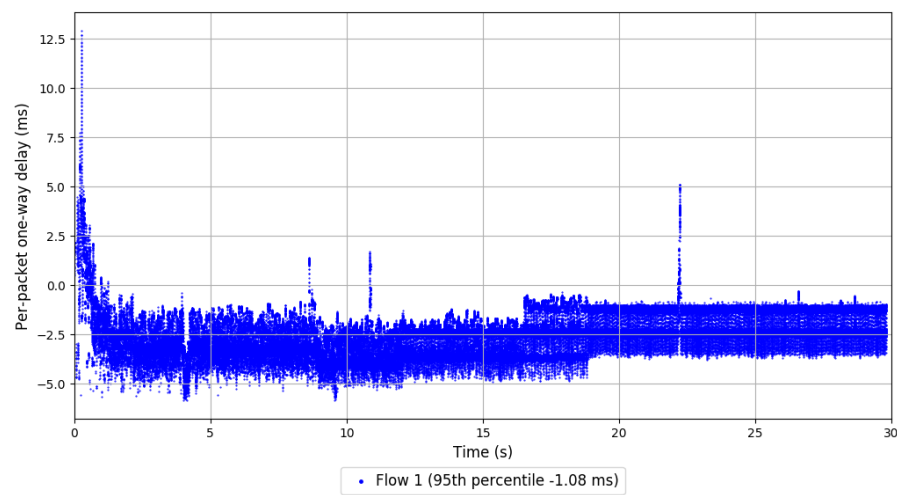
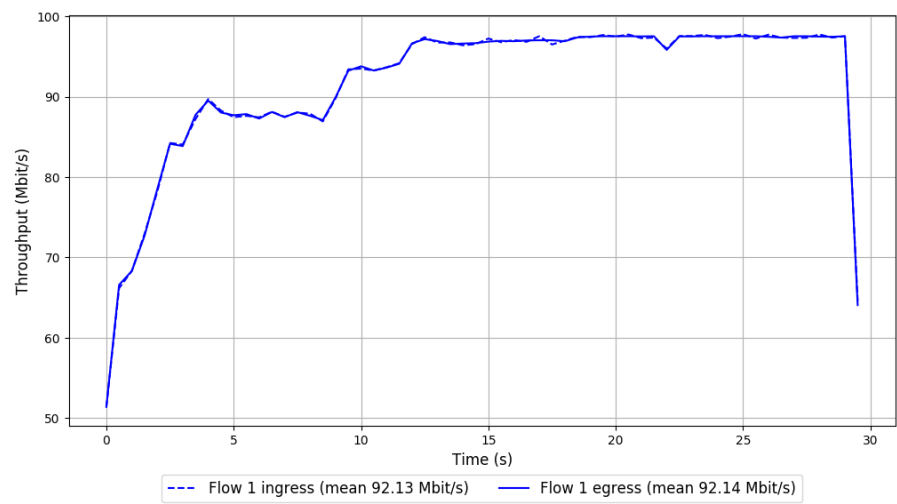


Run 9: Statistics of Indigo-2-256

Start at: 2018-01-25 11:32:05
End at: 2018-01-25 11:32:35
Local clock offset: 4.387 ms
Remote clock offset: -15.645 ms

Below is generated by plot.py at 2018-01-25 12:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: -1.084 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.14 Mbit/s
95th percentile per-packet one-way delay: -1.084 ms
Loss rate: 0.00%

Run 9: Report of Indigo-2-256 — Data Link

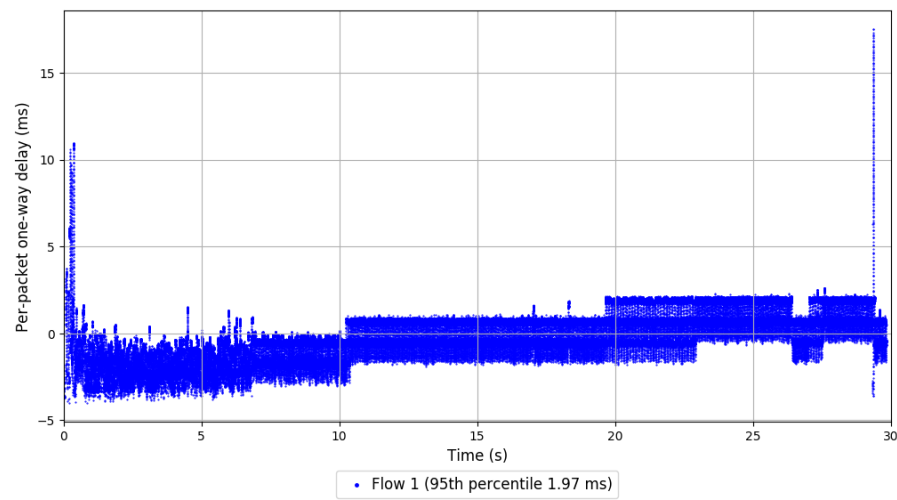
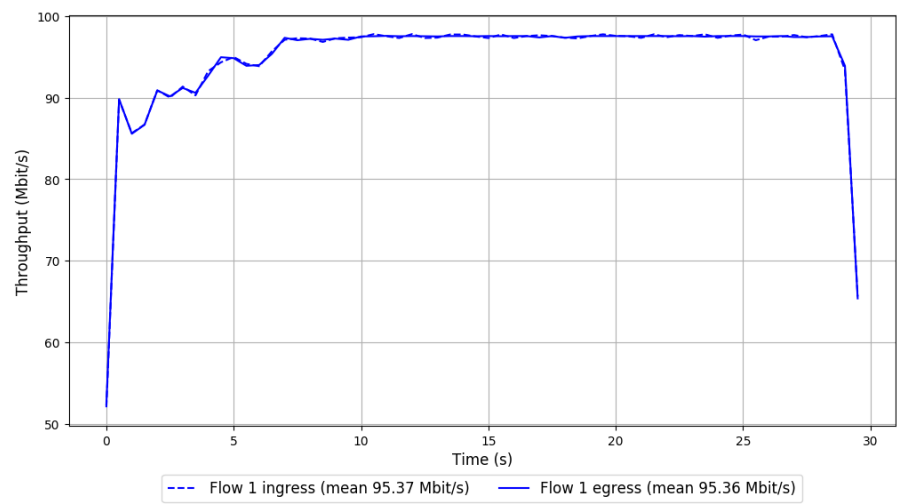


Run 10: Statistics of Indigo-2-256

Start at: 2018-01-25 11:50:38
End at: 2018-01-25 11:51:08
Local clock offset: 2.963 ms
Remote clock offset: -15.214 ms

Below is generated by plot.py at 2018-01-25 12:38:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 1.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 1.968 ms
Loss rate: 0.00%

Run 10: Report of Indigo-2-256 — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-01-25 08:51:44

End at: 2018-01-25 08:52:14

Local clock offset: 1.455 ms

Remote clock offset: -16.024 ms

Below is generated by plot.py at 2018-01-25 12:38:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: -2.935 ms

Loss rate: 0.00%

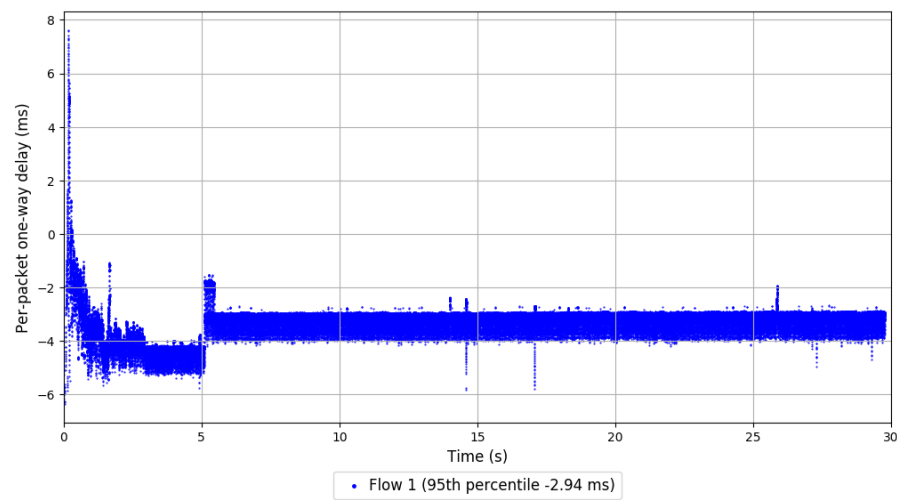
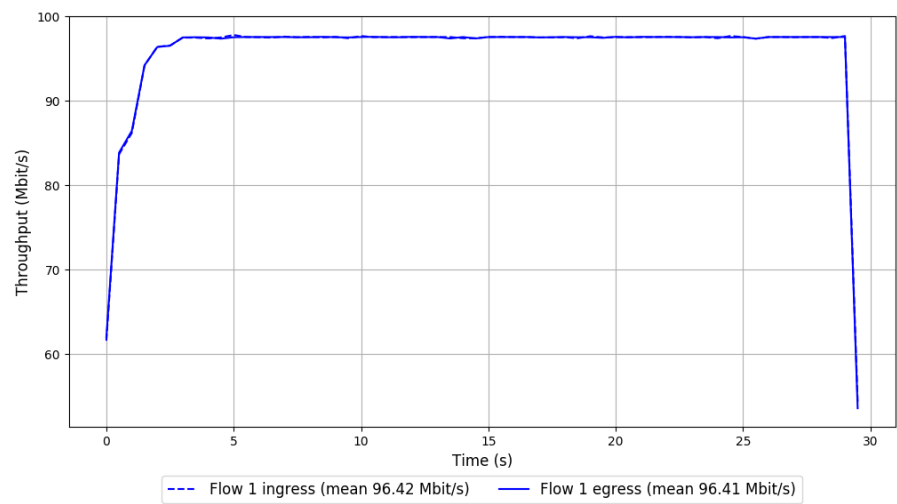
-- Flow 1:

Average throughput: 96.41 Mbit/s

95th percentile per-packet one-way delay: -2.935 ms

Loss rate: 0.00%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-01-25 09:10:26

End at: 2018-01-25 09:10:56

Local clock offset: 1.739 ms

Remote clock offset: -17.013 ms

Below is generated by plot.py at 2018-01-25 12:38:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: -1.555 ms

Loss rate: 0.00%

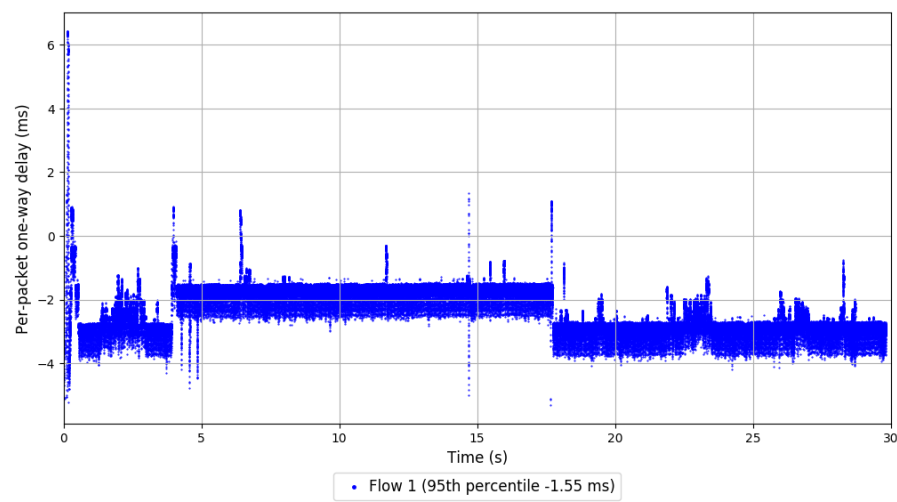
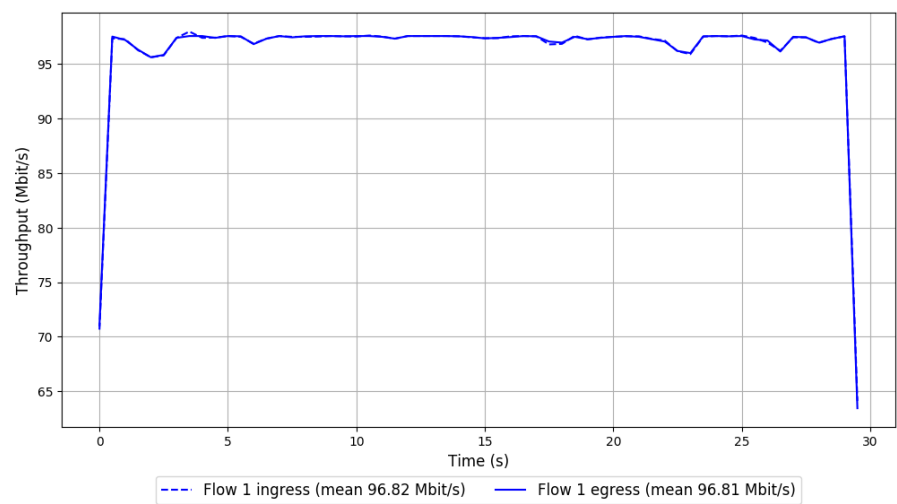
-- Flow 1:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: -1.555 ms

Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-01-25 09:29:05

End at: 2018-01-25 09:29:35

Local clock offset: -1.463 ms

Remote clock offset: -23.823 ms

Below is generated by plot.py at 2018-01-25 12:38:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.68 Mbit/s

95th percentile per-packet one-way delay: -4.159 ms

Loss rate: 0.00%

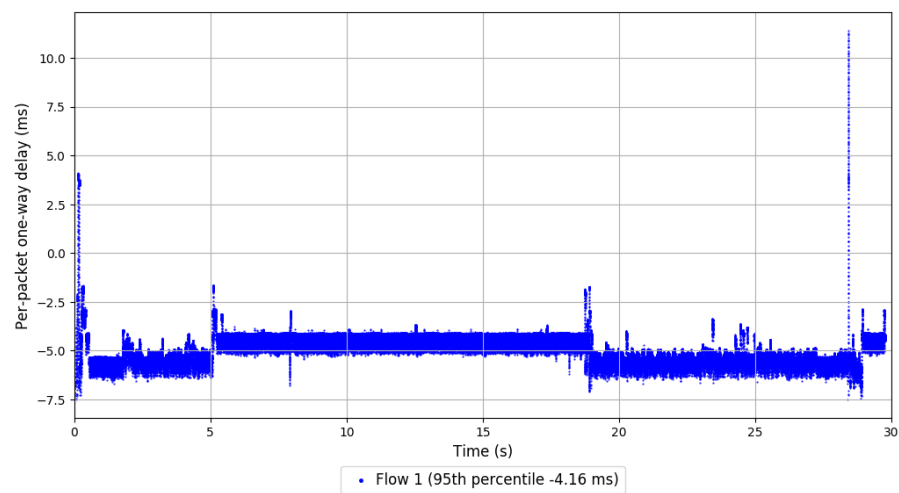
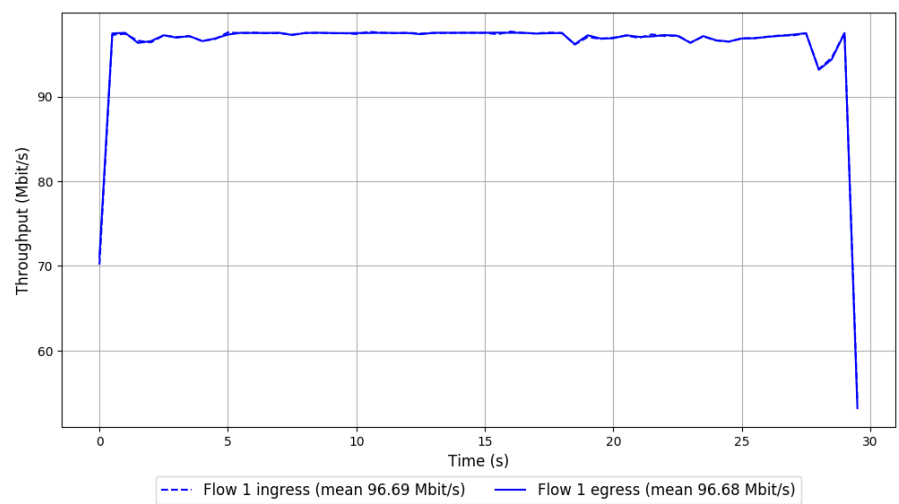
-- Flow 1:

Average throughput: 96.68 Mbit/s

95th percentile per-packet one-way delay: -4.159 ms

Loss rate: 0.00%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-01-25 09:47:56

End at: 2018-01-25 09:48:26

Local clock offset: 3.144 ms

Remote clock offset: -21.628 ms

Below is generated by plot.py at 2018-01-25 12:38:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.73 Mbit/s

95th percentile per-packet one-way delay: -7.481 ms

Loss rate: 0.00%

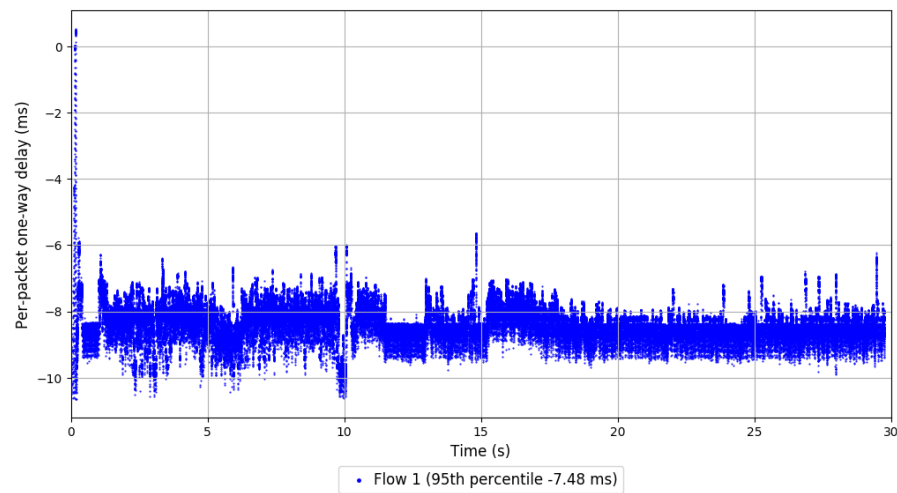
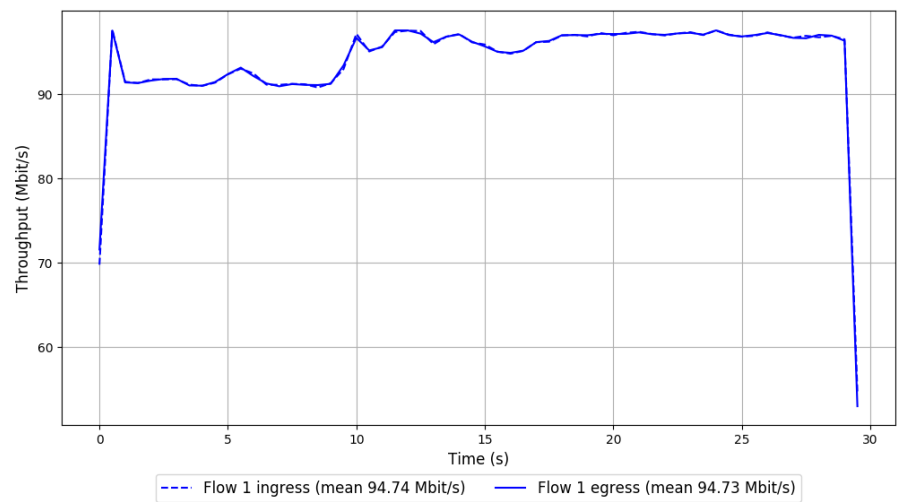
-- Flow 1:

Average throughput: 94.73 Mbit/s

95th percentile per-packet one-way delay: -7.481 ms

Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-01-25 10:06:29

End at: 2018-01-25 10:06:59

Local clock offset: 2.812 ms

Remote clock offset: -26.803 ms

Below is generated by plot.py at 2018-01-25 12:39:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: -13.785 ms

Loss rate: 0.00%

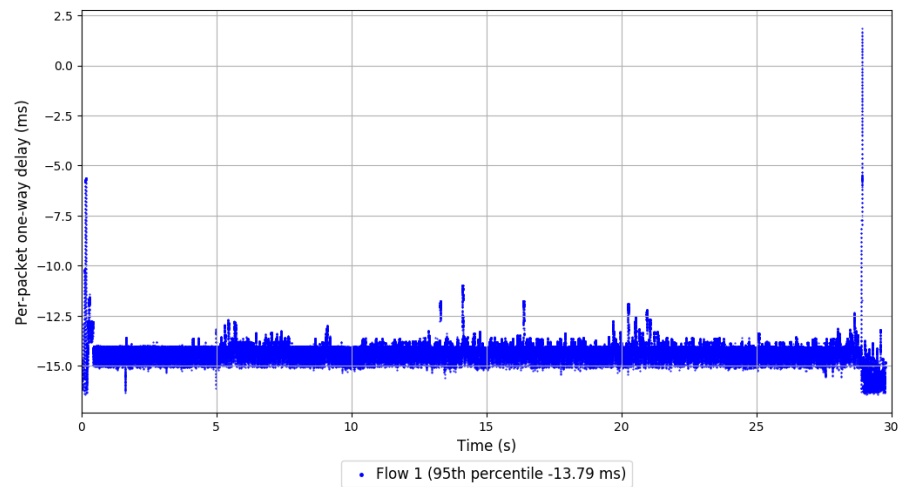
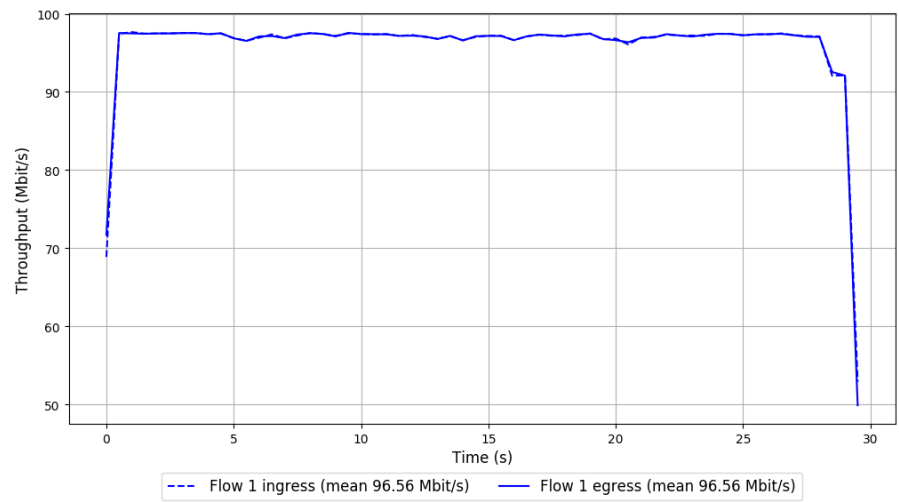
-- Flow 1:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: -13.785 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-01-25 10:25:04

End at: 2018-01-25 10:25:34

Local clock offset: 3.259 ms

Remote clock offset: -15.944 ms

Below is generated by plot.py at 2018-01-25 12:39:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.16 Mbit/s

95th percentile per-packet one-way delay: -3.854 ms

Loss rate: 0.00%

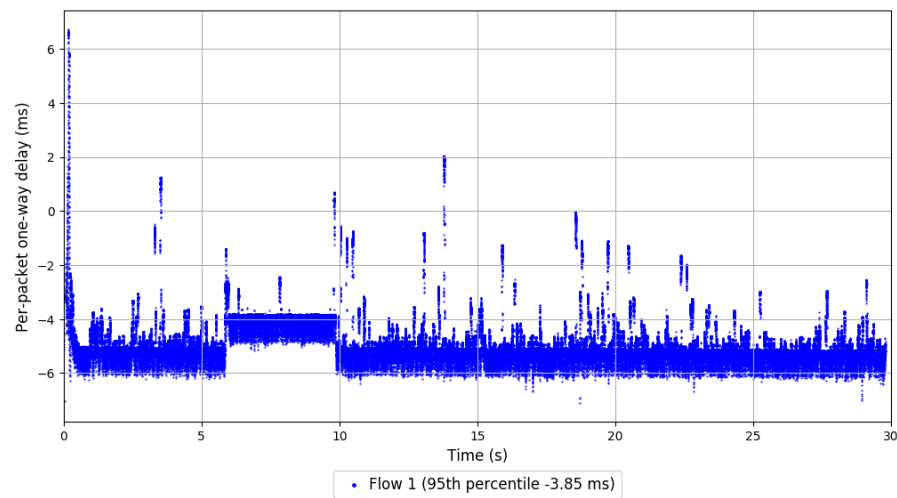
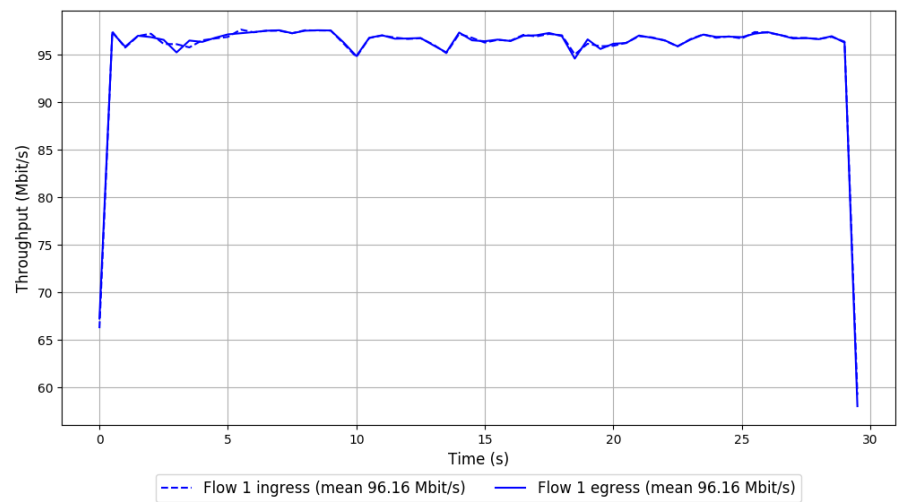
-- Flow 1:

Average throughput: 96.16 Mbit/s

95th percentile per-packet one-way delay: -3.854 ms

Loss rate: 0.00%

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

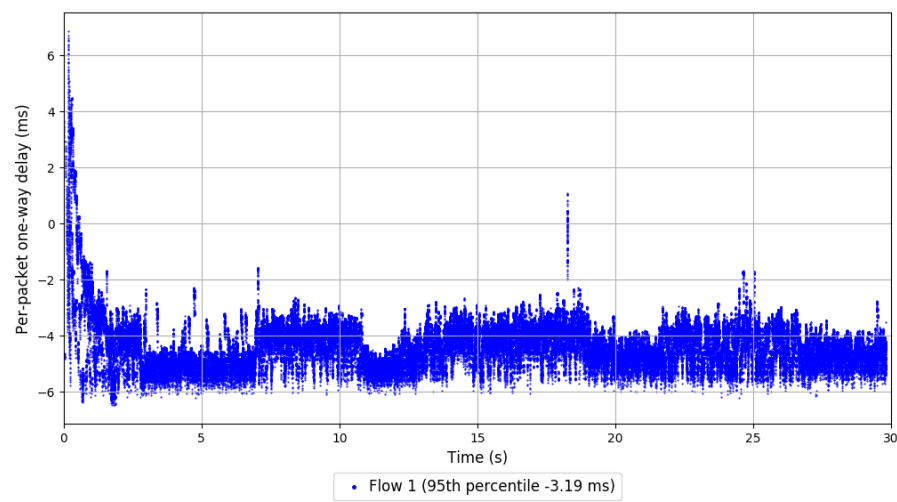
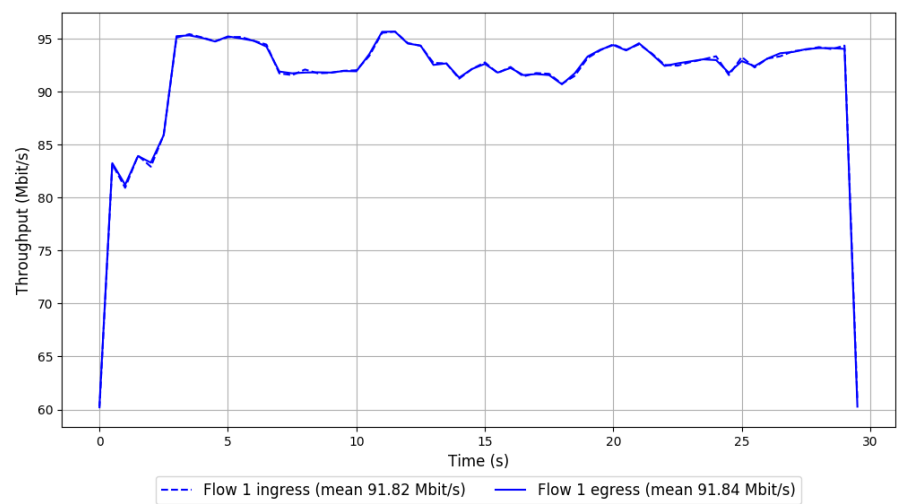


Run 7: Statistics of Indigo-1-32

Start at: 2018-01-25 10:43:29
End at: 2018-01-25 10:43:59
Local clock offset: 1.801 ms
Remote clock offset: -15.144 ms

Below is generated by plot.py at 2018-01-25 12:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: -3.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: -3.191 ms
Loss rate: 0.00%

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

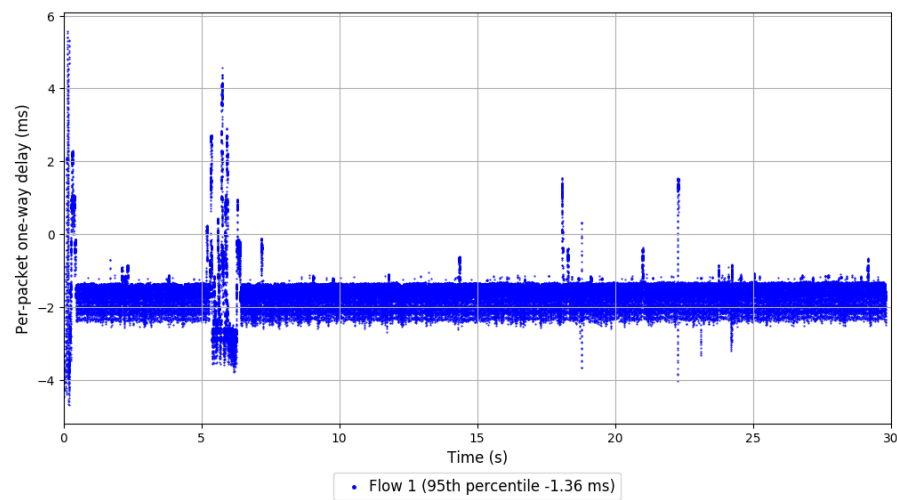
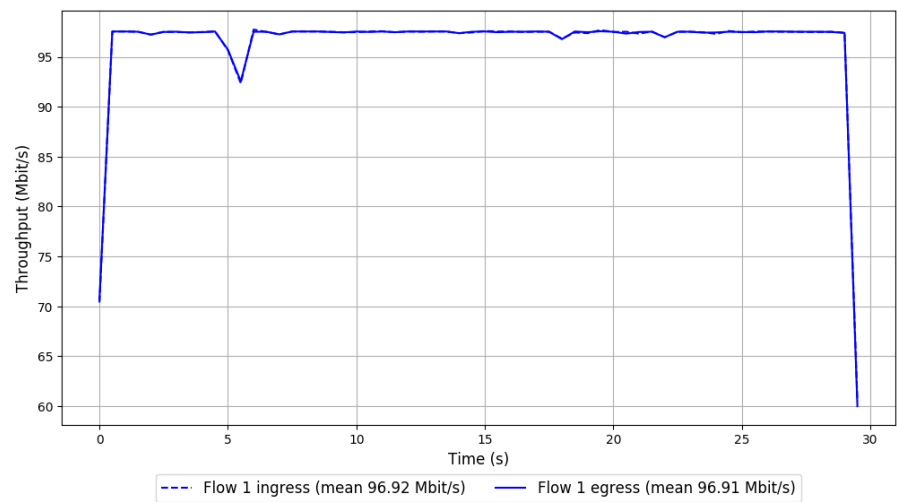


Run 8: Statistics of Indigo-1-32

Start at: 2018-01-25 11:01:52
End at: 2018-01-25 11:02:22
Local clock offset: 2.025 ms
Remote clock offset: -15.449 ms

Below is generated by plot.py at 2018-01-25 12:39:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: -1.361 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: -1.361 ms
Loss rate: 0.00%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-01-25 11:20:32

End at: 2018-01-25 11:21:02

Local clock offset: 2.373 ms

Remote clock offset: -18.729 ms

Below is generated by plot.py at 2018-01-25 12:39:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: -4.359 ms

Loss rate: 0.00%

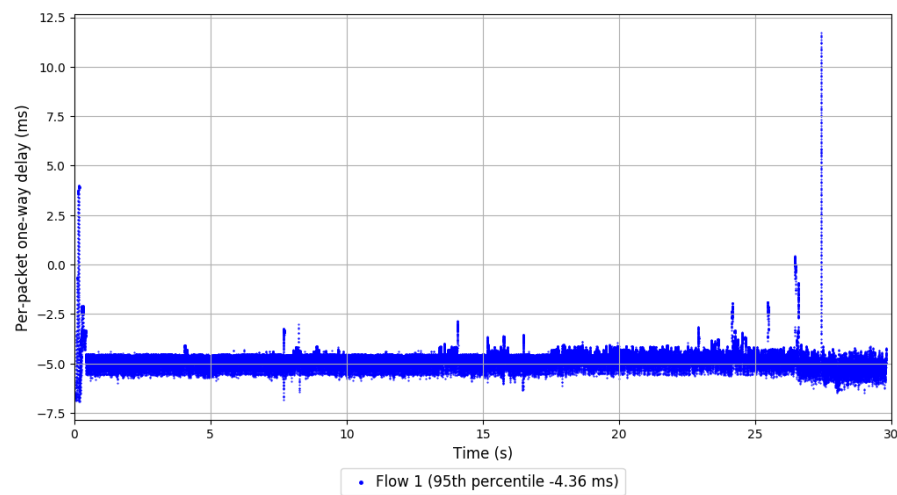
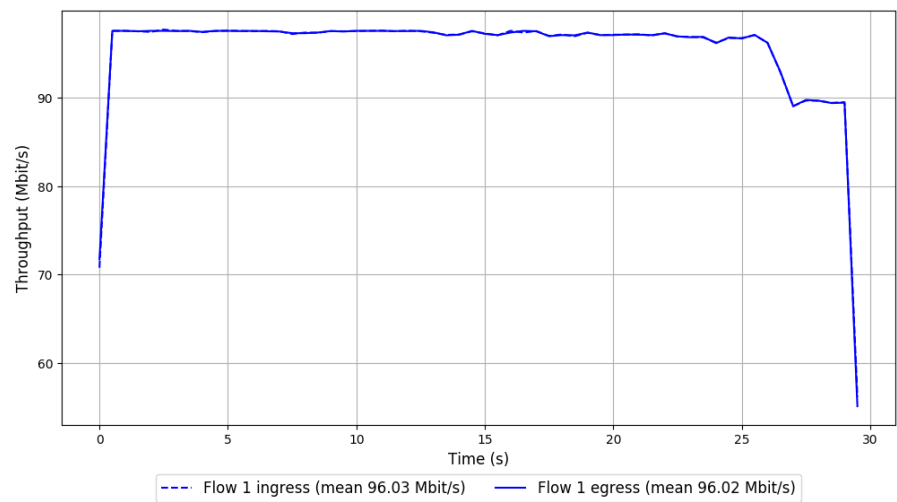
-- Flow 1:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: -4.359 ms

Loss rate: 0.00%

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

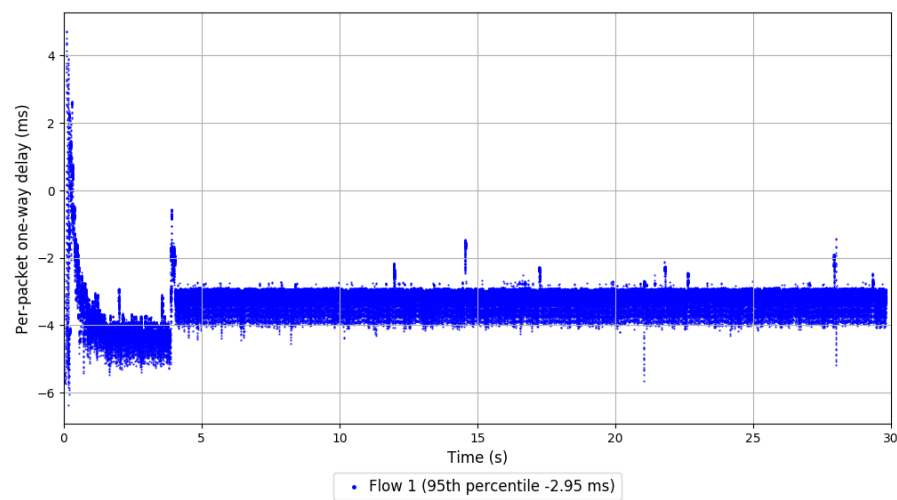
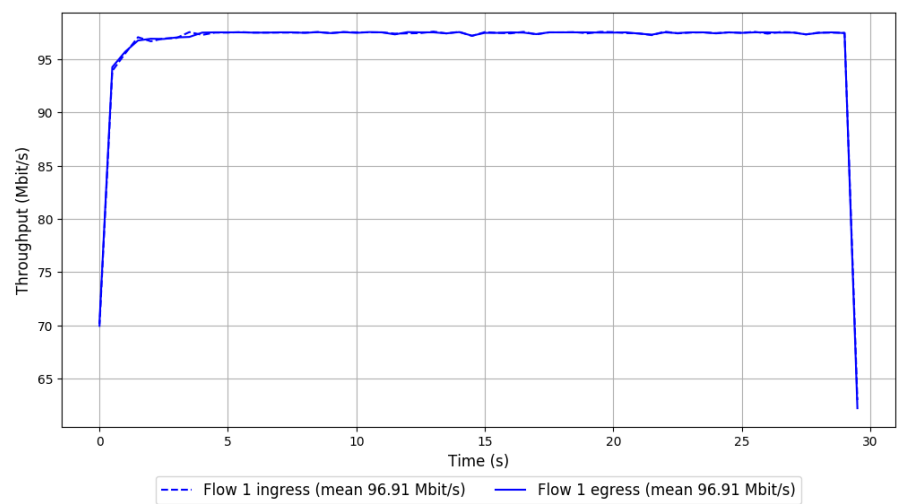


Run 10: Statistics of Indigo-1-32

Start at: 2018-01-25 11:38:55
End at: 2018-01-25 11:39:25
Local clock offset: 3.189 ms
Remote clock offset: -17.535 ms

Below is generated by plot.py at 2018-01-25 12:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: -2.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: -2.949 ms
Loss rate: 0.00%

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

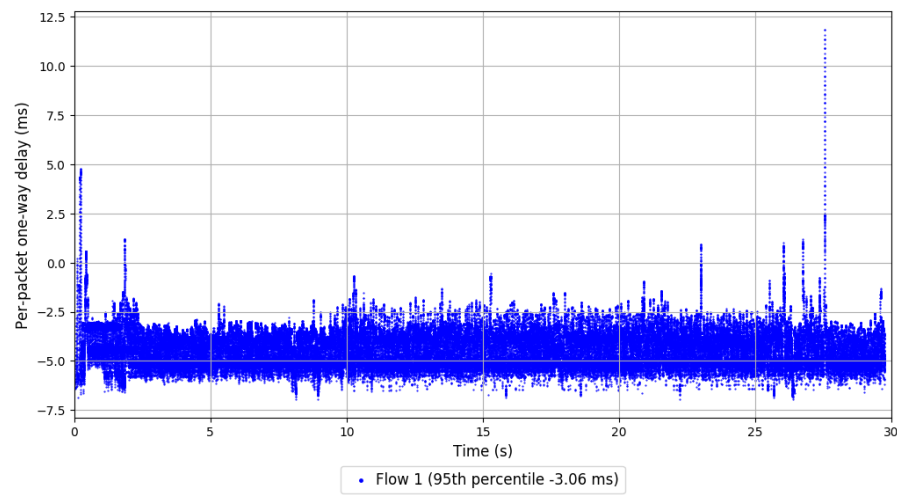
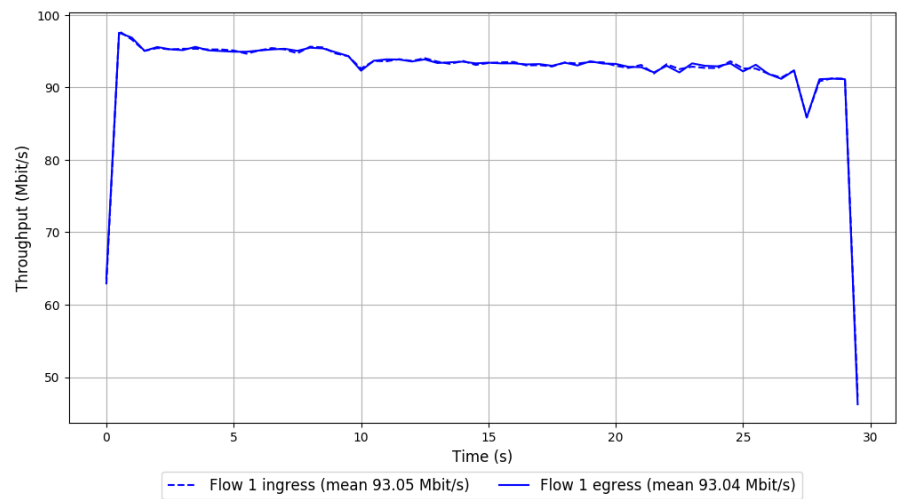


Run 1: Statistics of Indigo-1-128

Start at: 2018-01-25 08:52:58
End at: 2018-01-25 08:53:28
Local clock offset: 0.894 ms
Remote clock offset: -16.838 ms

Below is generated by plot.py at 2018-01-25 12:40:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: -3.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: -3.064 ms
Loss rate: 0.00%

Run 1: Report of Indigo-1-128 — Data Link

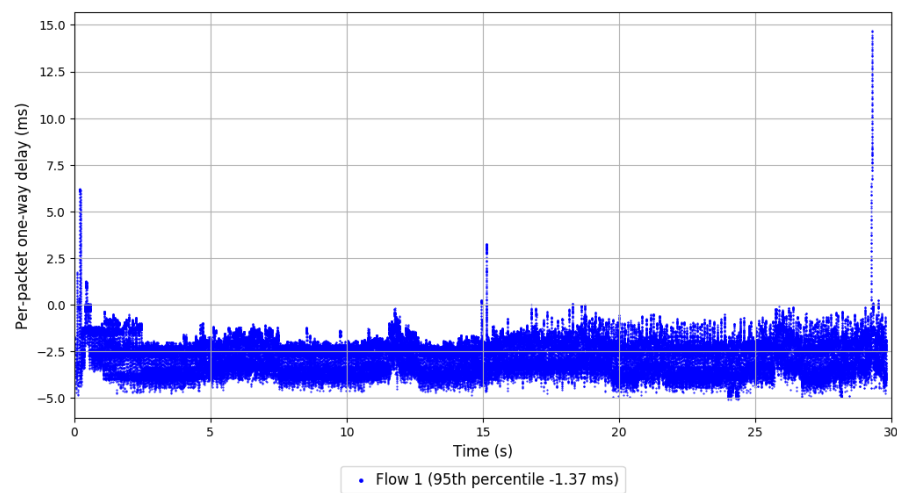
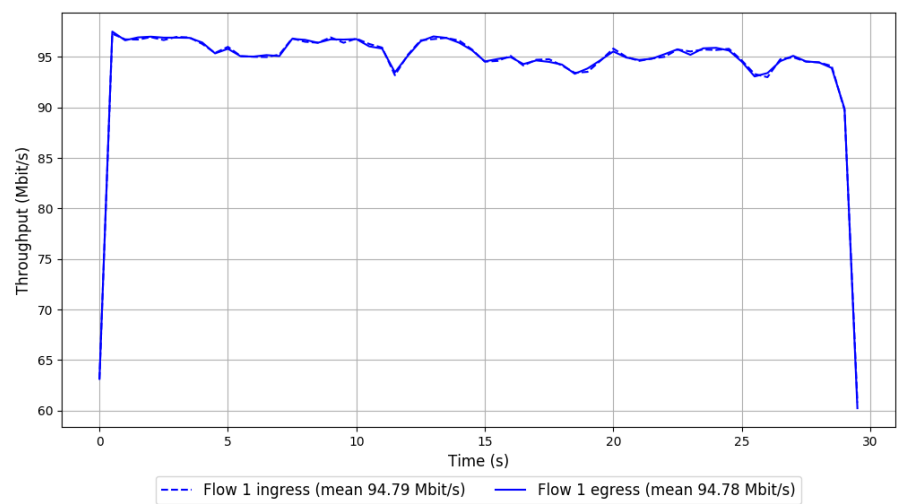


Run 2: Statistics of Indigo-1-128

Start at: 2018-01-25 09:11:40
End at: 2018-01-25 09:12:10
Local clock offset: 1.644 ms
Remote clock offset: -16.924 ms

Below is generated by plot.py at 2018-01-25 12:40:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.78 Mbit/s
95th percentile per-packet one-way delay: -1.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.78 Mbit/s
95th percentile per-packet one-way delay: -1.368 ms
Loss rate: 0.00%

Run 2: Report of Indigo-1-128 — Data Link

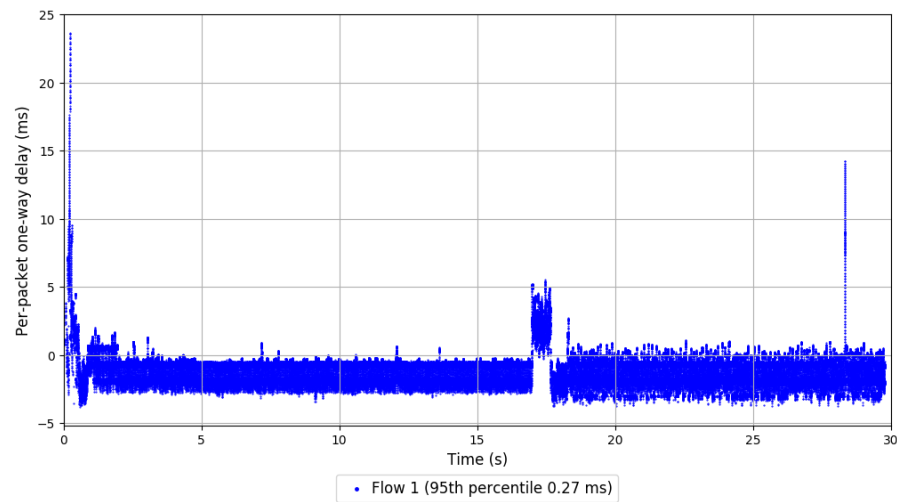
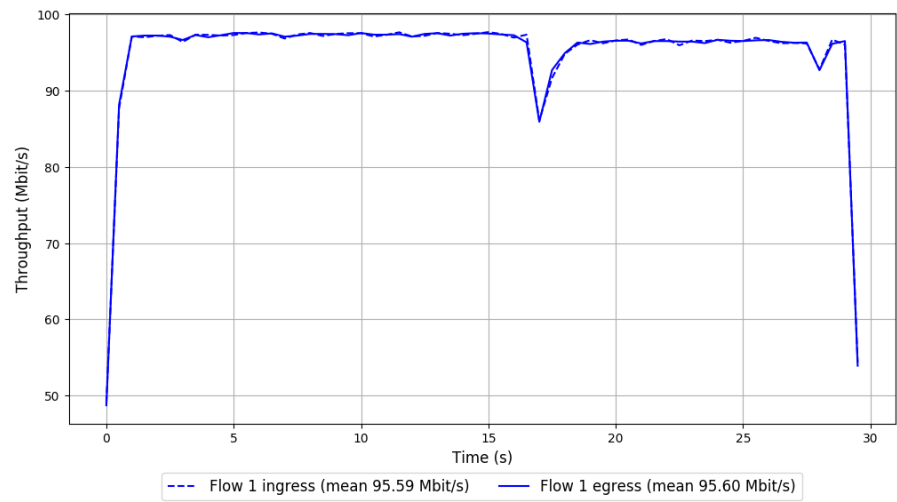


Run 3: Statistics of Indigo-1-128

Start at: 2018-01-25 09:30:17
End at: 2018-01-25 09:30:47
Local clock offset: -1.429 ms
Remote clock offset: -20.203 ms

Below is generated by plot.py at 2018-01-25 12:40:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 0.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 0.266 ms
Loss rate: 0.00%

Run 3: Report of Indigo-1-128 — Data Link

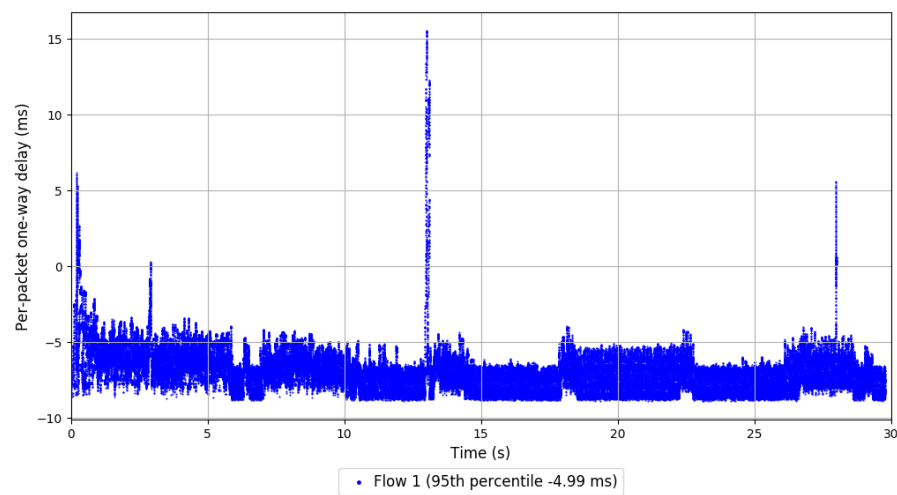
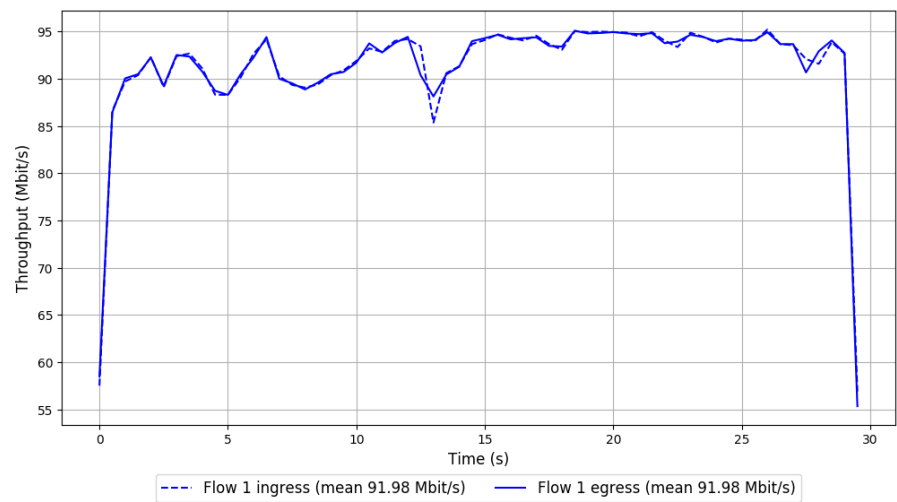


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-25 09:49:11
End at: 2018-01-25 09:49:41
Local clock offset: 3.059 ms
Remote clock offset: -19.735 ms

Below is generated by plot.py at 2018-01-25 12:40:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: -4.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: -4.993 ms
Loss rate: 0.00%

Run 4: Report of Indigo-1-128 — Data Link

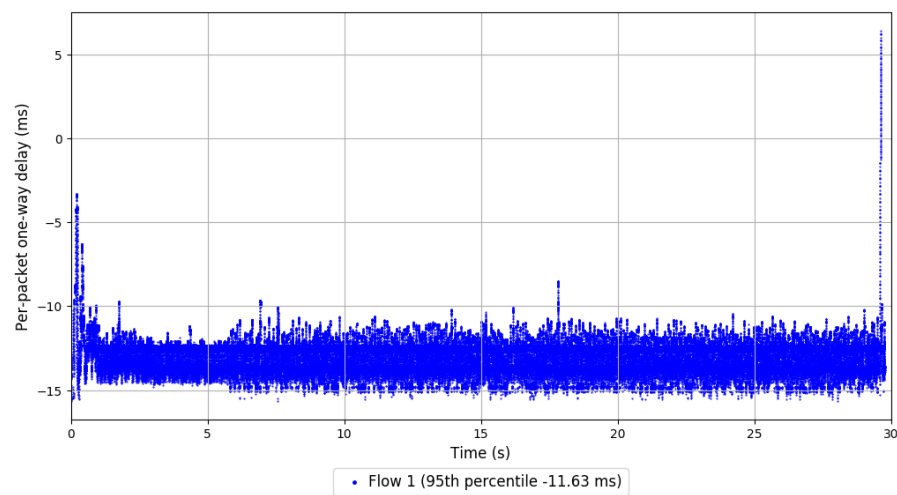
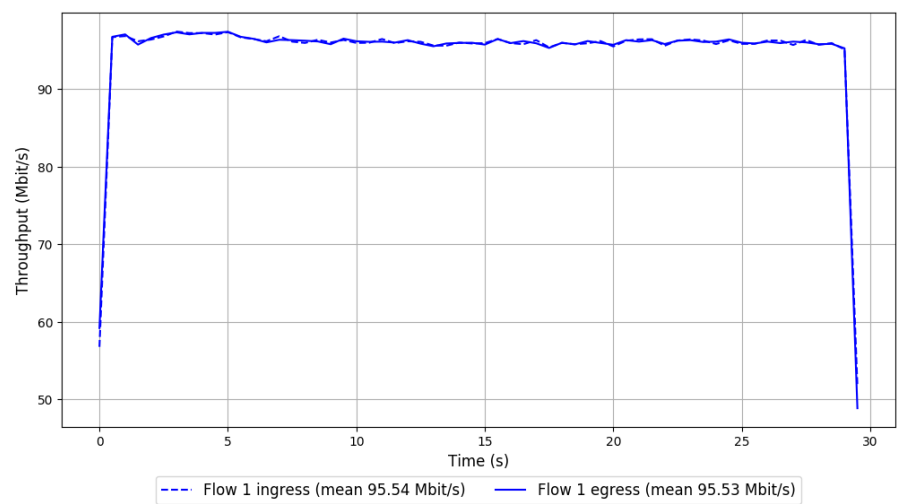


Run 5: Statistics of Indigo-1-128

Start at: 2018-01-25 10:07:40
End at: 2018-01-25 10:08:10
Local clock offset: 1.888 ms
Remote clock offset: -27.178 ms

Below is generated by plot.py at 2018-01-25 12:40:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: -11.634 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.53 Mbit/s
95th percentile per-packet one-way delay: -11.634 ms
Loss rate: 0.00%

Run 5: Report of Indigo-1-128 — Data Link

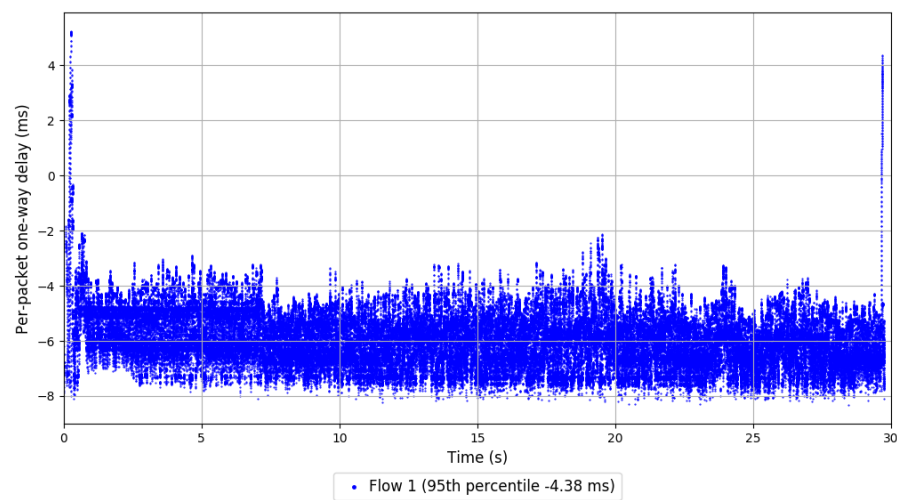
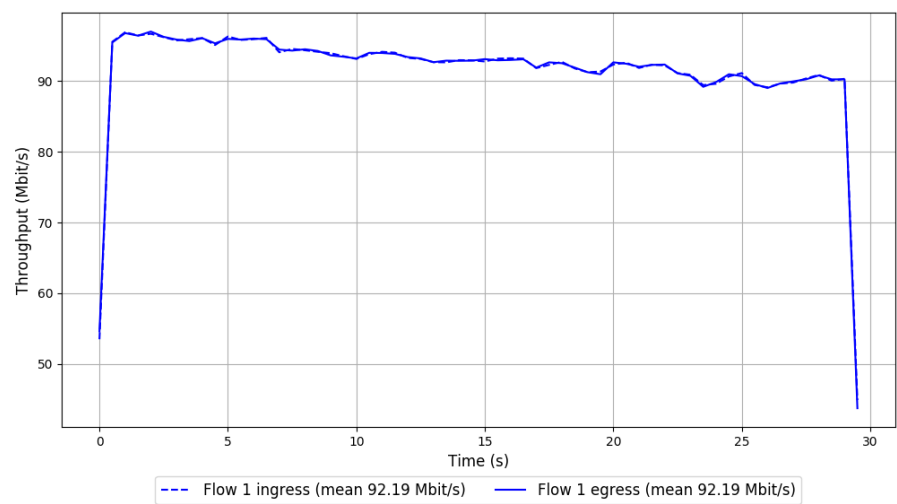


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-25 10:26:17
End at: 2018-01-25 10:26:47
Local clock offset: 4.047 ms
Remote clock offset: -15.82 ms

Below is generated by plot.py at 2018-01-25 12:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: -4.376 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: -4.376 ms
Loss rate: 0.00%

Run 6: Report of Indigo-1-128 — Data Link

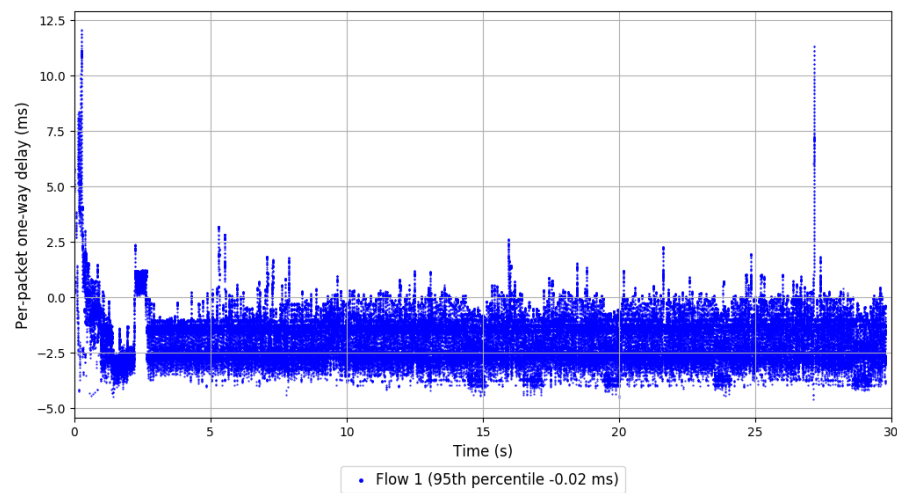
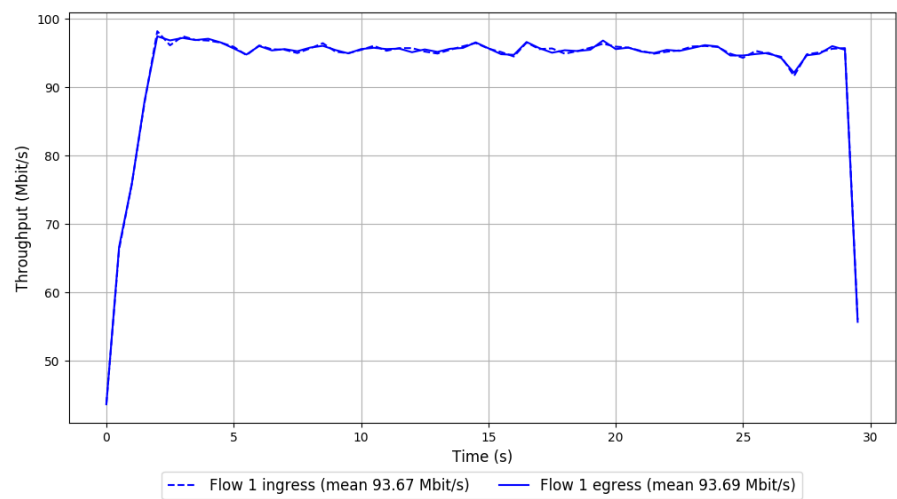


Run 7: Statistics of Indigo-1-128

Start at: 2018-01-25 10:44:40
End at: 2018-01-25 10:45:10
Local clock offset: 1.797 ms
Remote clock offset: -13.62 ms

Below is generated by plot.py at 2018-01-25 12:41:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: -0.022 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.69 Mbit/s
95th percentile per-packet one-way delay: -0.022 ms
Loss rate: 0.00%

Run 7: Report of Indigo-1-128 — Data Link

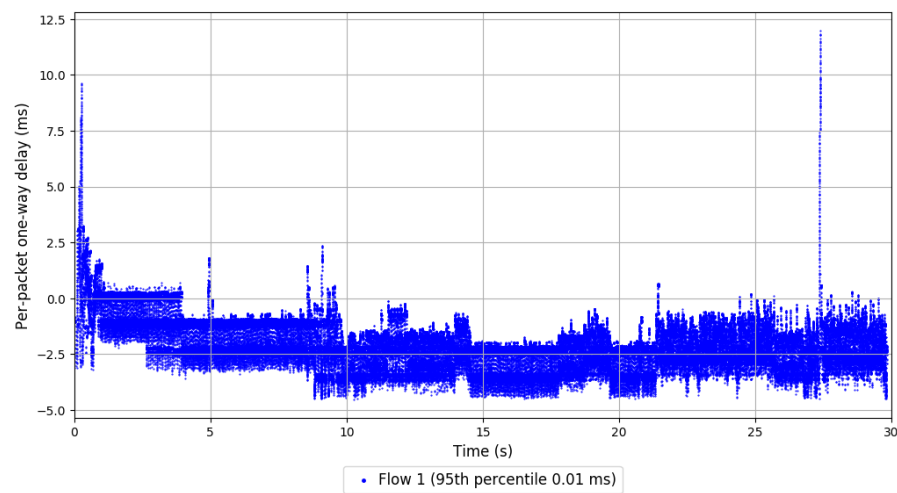
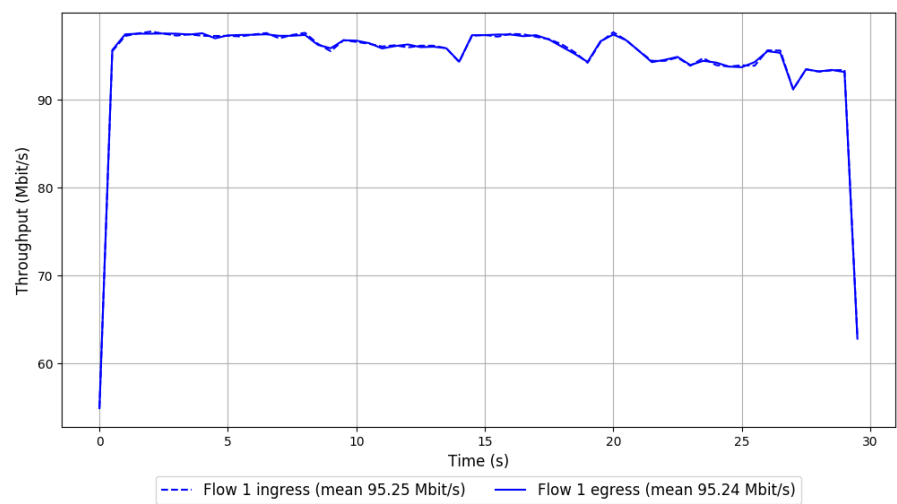


Run 8: Statistics of Indigo-1-128

Start at: 2018-01-25 11:03:03
End at: 2018-01-25 11:03:33
Local clock offset: 1.325 ms
Remote clock offset: -15.833 ms

Below is generated by plot.py at 2018-01-25 12:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 0.005 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 0.005 ms
Loss rate: 0.01%

Run 8: Report of Indigo-1-128 — Data Link

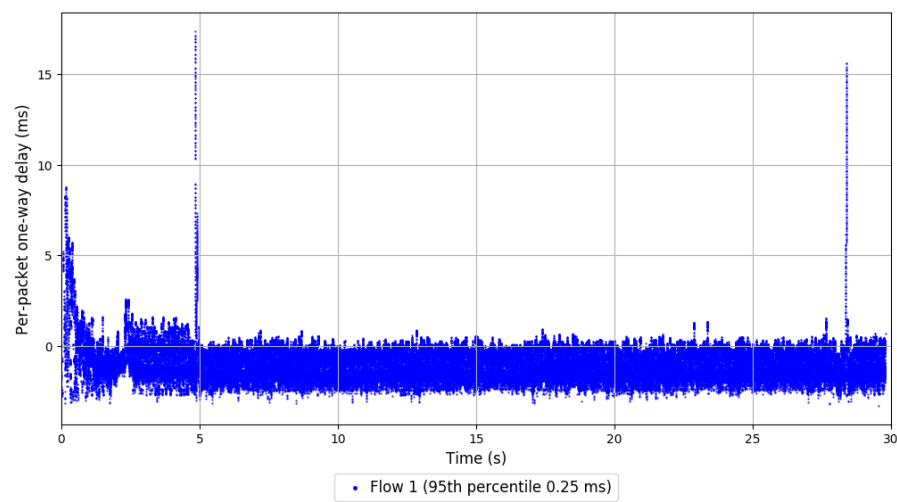
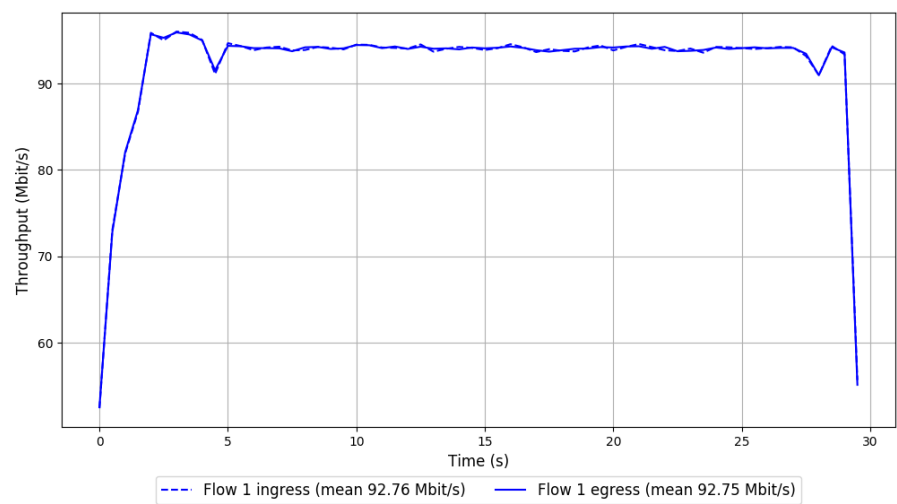


Run 9: Statistics of Indigo-1-128

Start at: 2018-01-25 11:21:43
End at: 2018-01-25 11:22:13
Local clock offset: 2.075 ms
Remote clock offset: -15.604 ms

Below is generated by plot.py at 2018-01-25 12:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 0.251 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.75 Mbit/s
95th percentile per-packet one-way delay: 0.251 ms
Loss rate: 0.00%

Run 9: Report of Indigo-1-128 — Data Link



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-25 11:40:06

End at: 2018-01-25 11:40:36

Local clock offset: 3.139 ms

Remote clock offset: -19.672 ms

Below is generated by plot.py at 2018-01-25 12:41:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: -3.956 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 95.31 Mbit/s

95th percentile per-packet one-way delay: -3.956 ms

Loss rate: 0.00%

Run 10: Report of Indigo-1-128 — Data Link

