

Pantheon Report

Generated at 2018-03-20 19:46:15 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

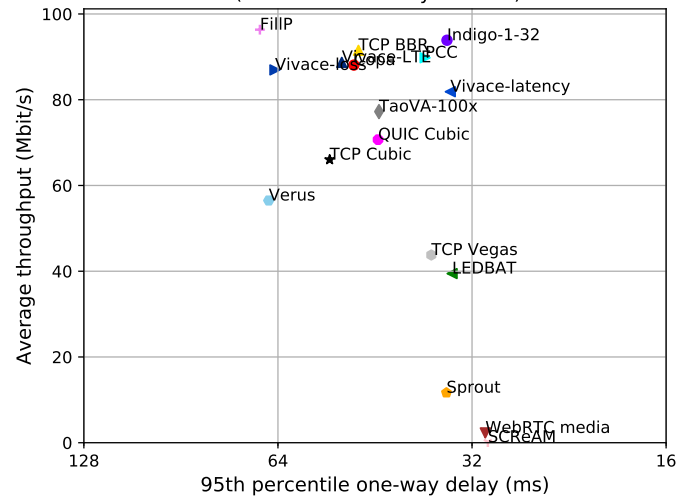
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

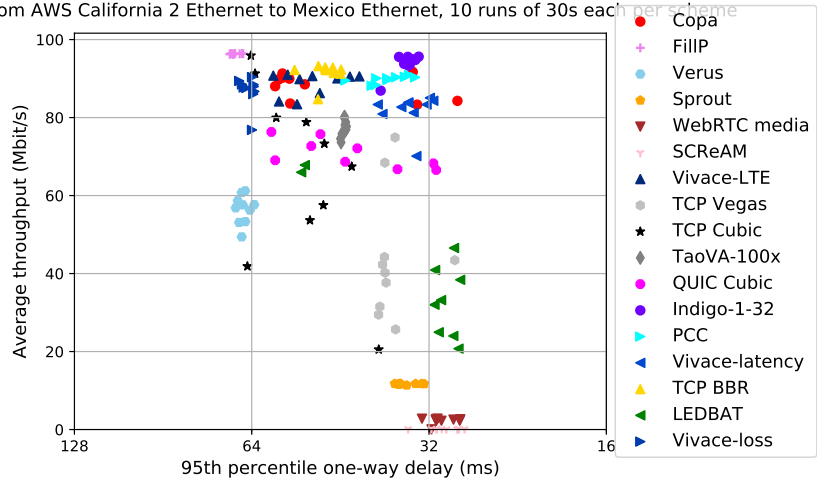
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme



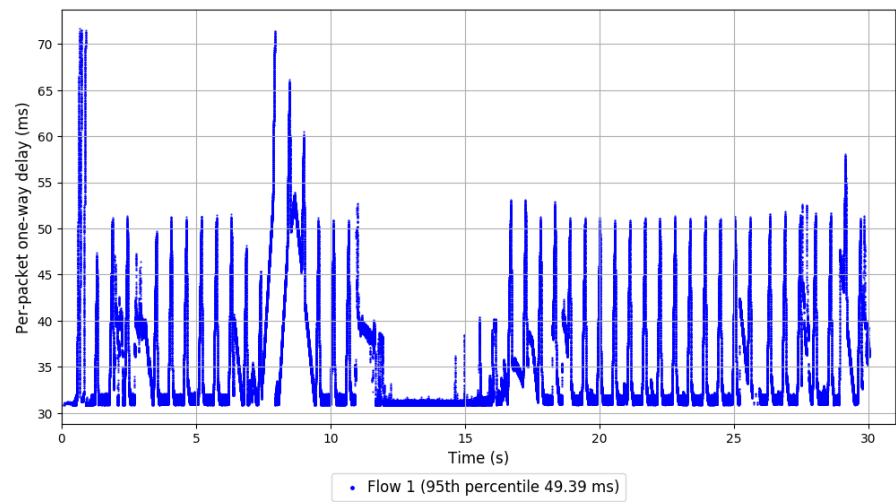
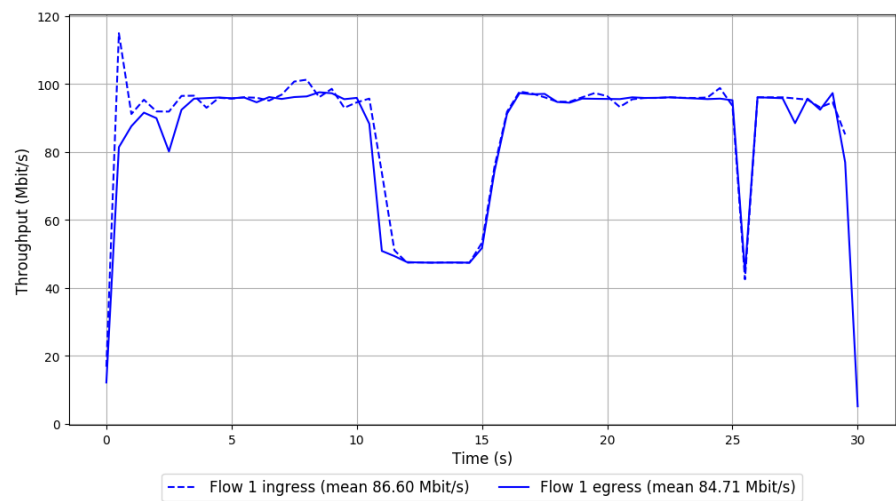
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	91.53	48.01	1.29
TCP Cubic	10	66.03	53.21	0.44
LEDBAT	10	39.45	34.37	0.13
PCC	10	89.79	37.83	0.94
QUIC Cubic	9	70.69	44.76	0.42
SCReAM	10	0.15	30.24	0.37
WebRTC media	10	2.28	30.52	0.12
Sprout	10	11.67	35.06	0.18
TaoVA-100x	10	77.23	44.62	0.15
TCP Vegas	10	43.78	37.01	0.66
Verus	10	56.49	66.15	32.71
Copa	10	88.08	48.79	53.67
FillP	10	96.34	68.26	23.26
Indigo-1-32	10	93.87	34.99	0.23
Vivace-latency	10	81.87	34.59	0.17
Vivace-loss	10	86.95	64.69	5.44
Vivace-LTE	10	88.72	50.96	0.96

Run 1: Statistics of TCP BBR

Start at: 2018-03-20 14:47:07
End at: 2018-03-20 14:47:37
Local clock offset: -0.424 ms
Remote clock offset: -1.636 ms

Below is generated by plot.py at 2018-03-20 19:19:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.71 Mbit/s
95th percentile per-packet one-way delay: 49.386 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 84.71 Mbit/s
95th percentile per-packet one-way delay: 49.386 ms
Loss rate: 2.16%

Run 1: Report of TCP BBR — Data Link

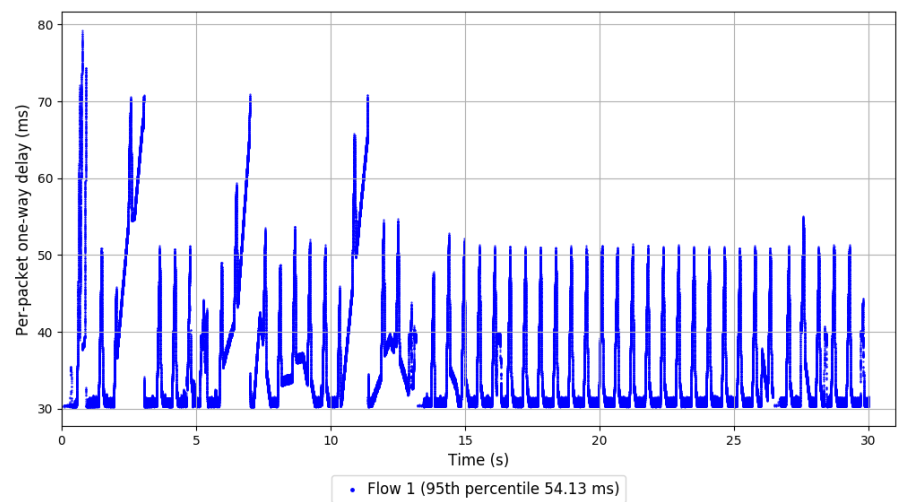
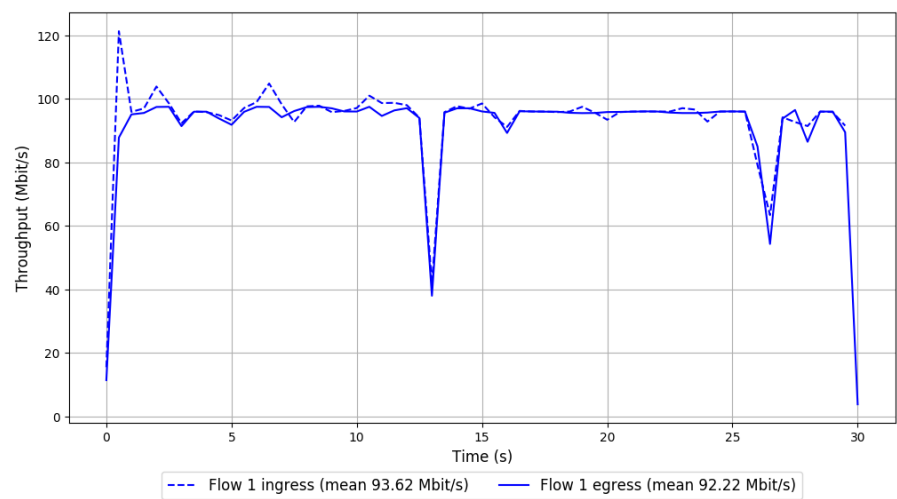


Run 2: Statistics of TCP BBR

Start at: 2018-03-20 15:11:09
End at: 2018-03-20 15:11:39
Local clock offset: -0.404 ms
Remote clock offset: -1.918 ms

Below is generated by plot.py at 2018-03-20 19:20:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 54.129 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 54.129 ms
Loss rate: 1.49%

Run 2: Report of TCP BBR — Data Link

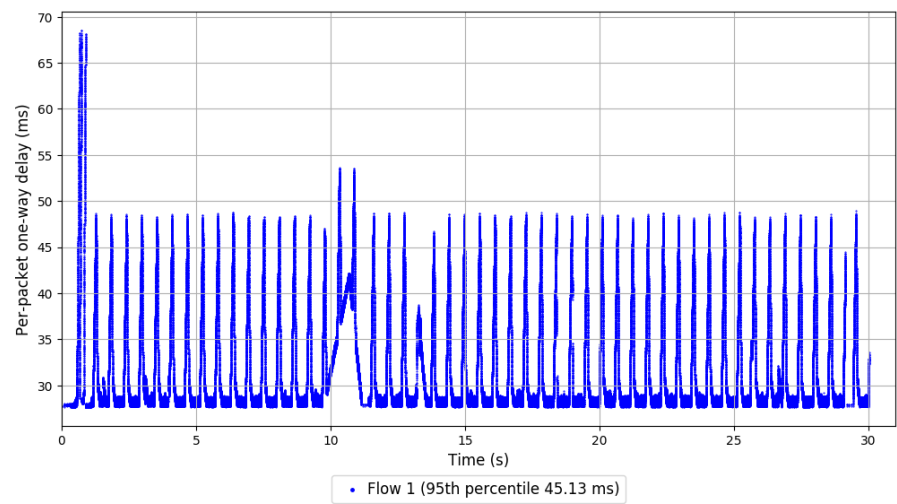
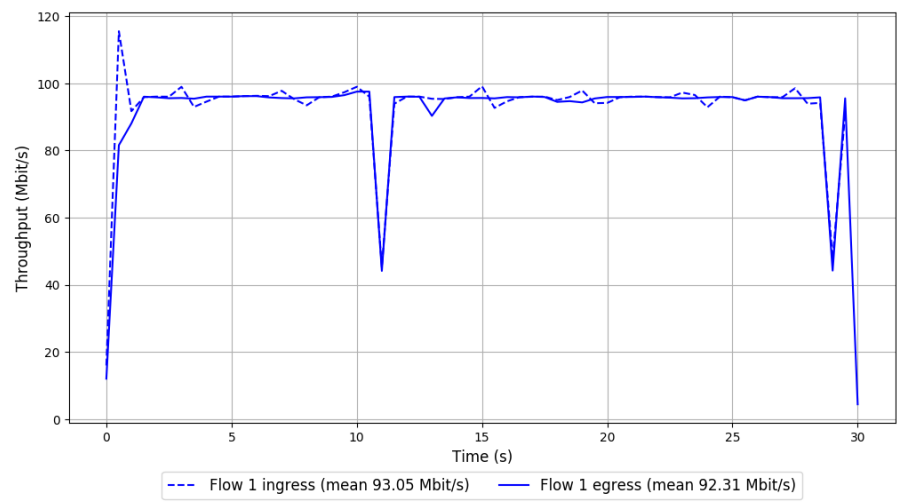


Run 3: Statistics of TCP BBR

Start at: 2018-03-20 15:35:26
End at: 2018-03-20 15:35:57
Local clock offset: -0.619 ms
Remote clock offset: -5.378 ms

Below is generated by plot.py at 2018-03-20 19:20:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 45.126 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 45.126 ms
Loss rate: 0.77%

Run 3: Report of TCP BBR — Data Link

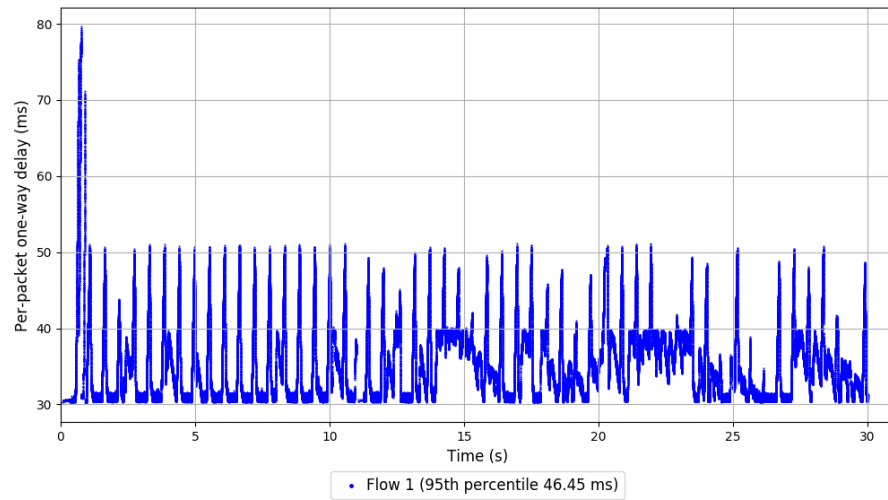
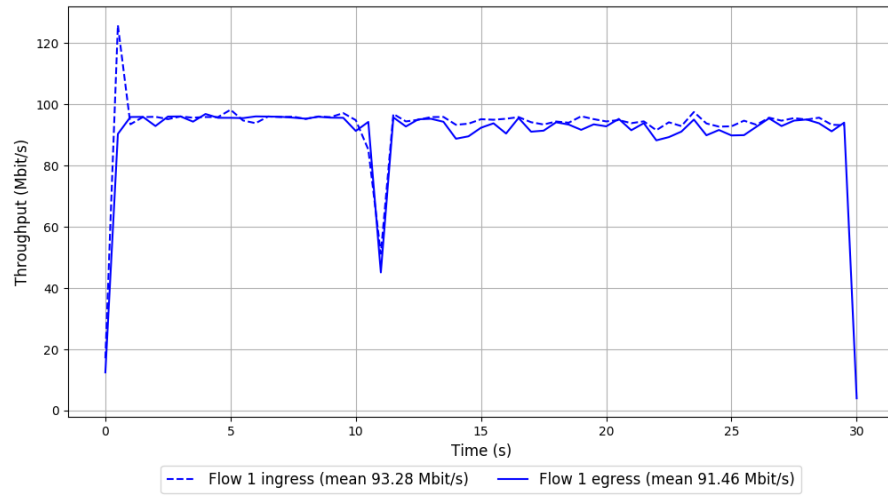


Run 4: Statistics of TCP BBR

Start at: 2018-03-20 15:59:46
End at: 2018-03-20 16:00:16
Local clock offset: -0.578 ms
Remote clock offset: -2.012 ms

Below is generated by plot.py at 2018-03-20 19:20:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: 46.445 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 91.46 Mbit/s
95th percentile per-packet one-way delay: 46.445 ms
Loss rate: 1.95%

Run 4: Report of TCP BBR — Data Link

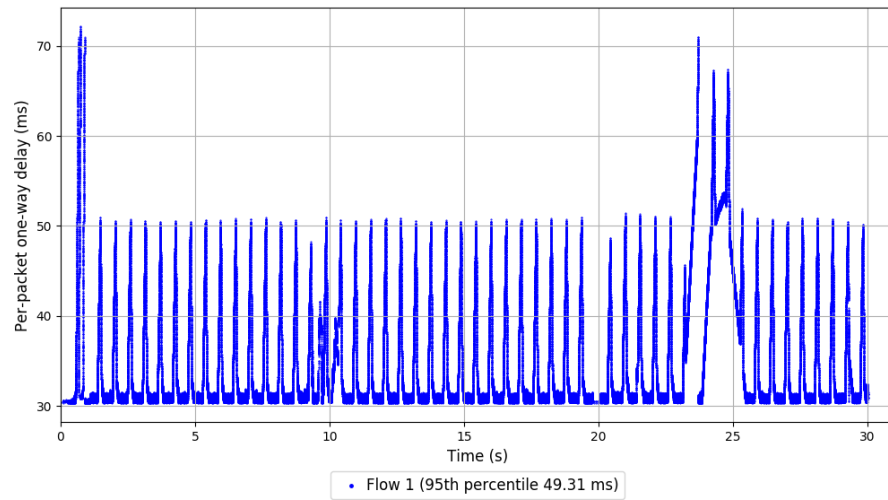
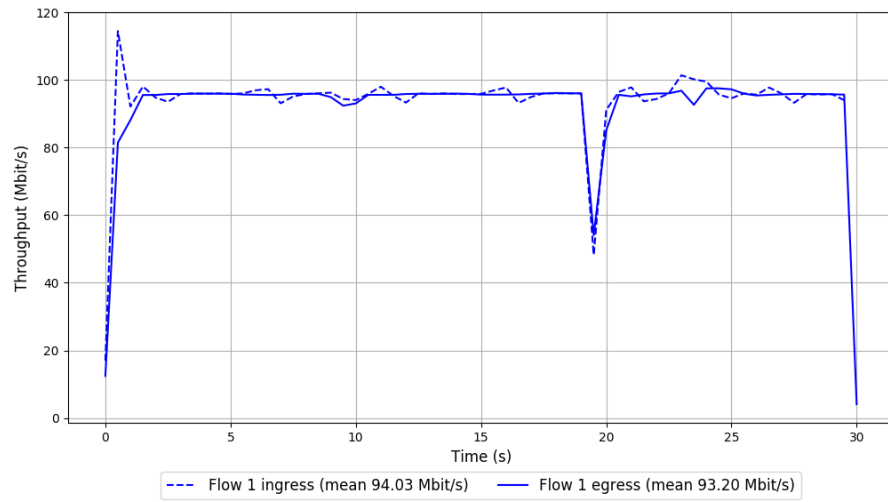


Run 5: Statistics of TCP BBR

Start at: 2018-03-20 16:24:19
End at: 2018-03-20 16:24:49
Local clock offset: -0.133 ms
Remote clock offset: -1.304 ms

Below is generated by plot.py at 2018-03-20 19:20:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 49.313 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 49.313 ms
Loss rate: 0.88%

Run 5: Report of TCP BBR — Data Link

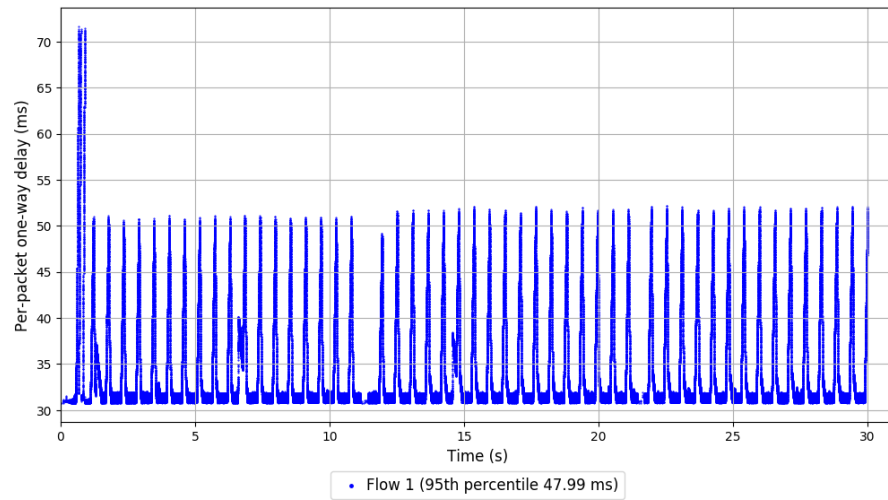
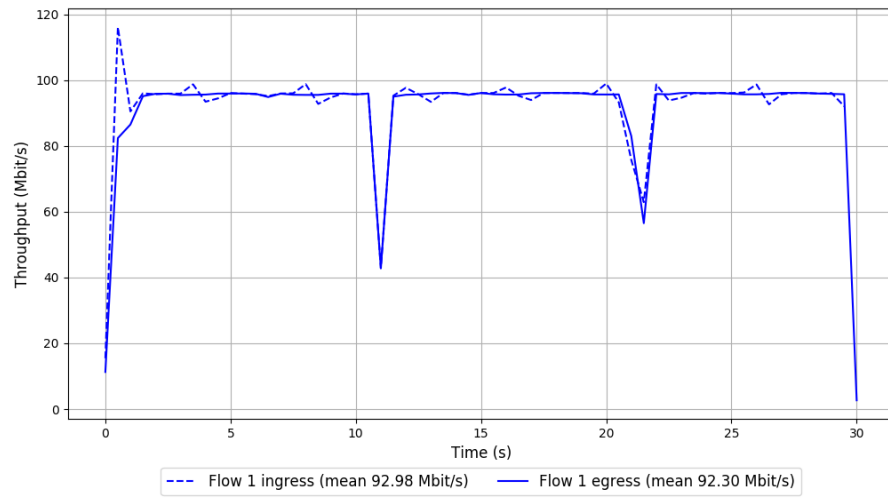


Run 6: Statistics of TCP BBR

Start at: 2018-03-20 16:48:38
End at: 2018-03-20 16:49:08
Local clock offset: 0.209 ms
Remote clock offset: -0.251 ms

Below is generated by plot.py at 2018-03-20 19:20:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 47.990 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 47.990 ms
Loss rate: 0.66%

Run 6: Report of TCP BBR — Data Link

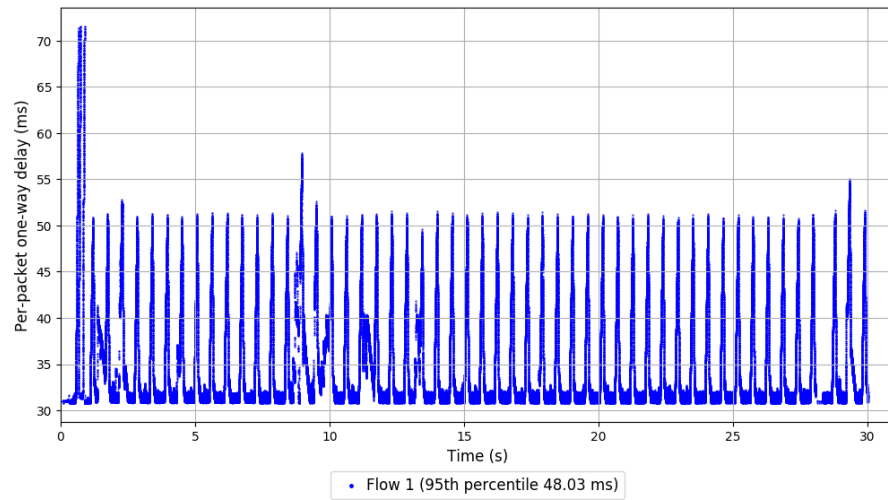
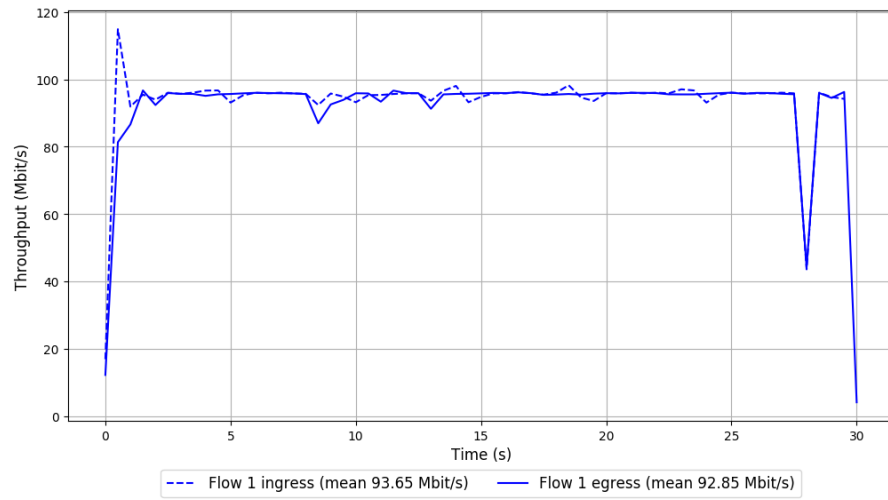


Run 7: Statistics of TCP BBR

Start at: 2018-03-20 17:13:12
End at: 2018-03-20 17:13:42
Local clock offset: -0.139 ms
Remote clock offset: -0.533 ms

Below is generated by plot.py at 2018-03-20 19:20:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 48.027 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 48.027 ms
Loss rate: 0.85%

Run 7: Report of TCP BBR — Data Link

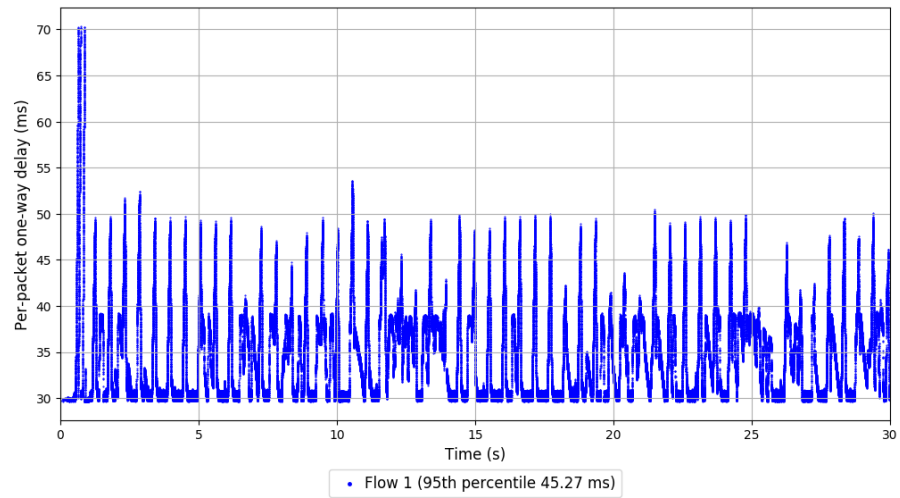
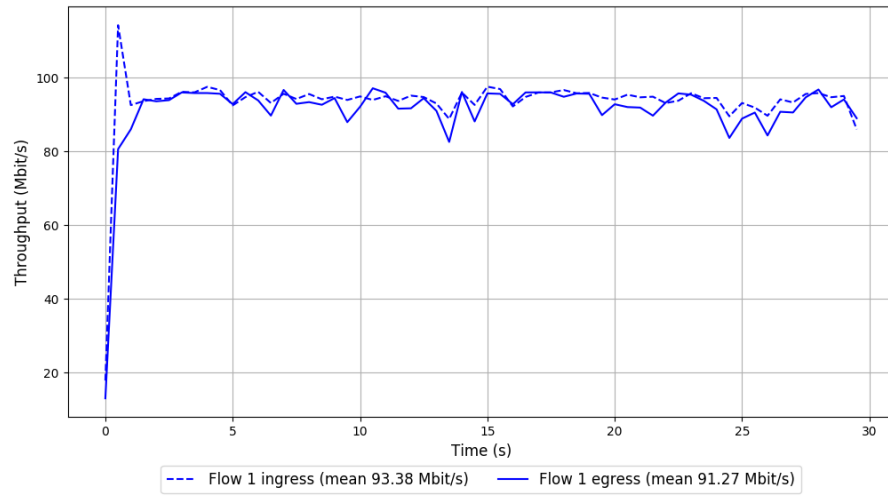


Run 8: Statistics of TCP BBR

Start at: 2018-03-20 17:37:36
End at: 2018-03-20 17:38:06
Local clock offset: -0.604 ms
Remote clock offset: -0.958 ms

Below is generated by plot.py at 2018-03-20 19:20:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.27 Mbit/s
95th percentile per-packet one-way delay: 45.273 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 91.27 Mbit/s
95th percentile per-packet one-way delay: 45.273 ms
Loss rate: 2.26%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-20 18:01:53

End at: 2018-03-20 18:02:23

Local clock offset: 0.197 ms

Remote clock offset: -0.797 ms

Below is generated by plot.py at 2018-03-20 19:21:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 46.621 ms

Loss rate: 1.11%

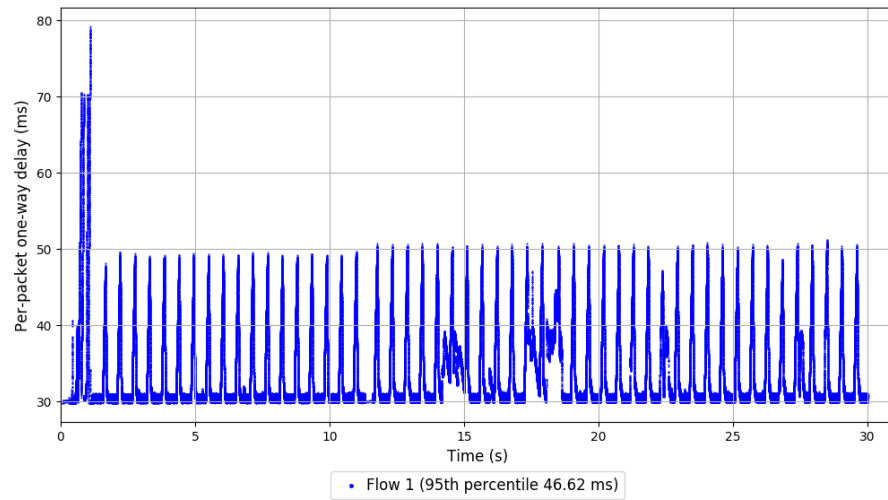
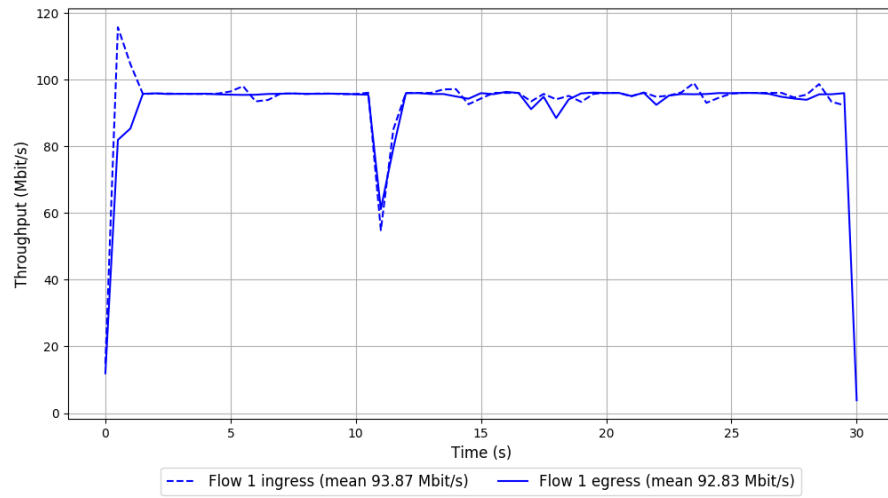
-- Flow 1:

Average throughput: 92.83 Mbit/s

95th percentile per-packet one-way delay: 46.621 ms

Loss rate: 1.11%

Run 9: Report of TCP BBR — Data Link

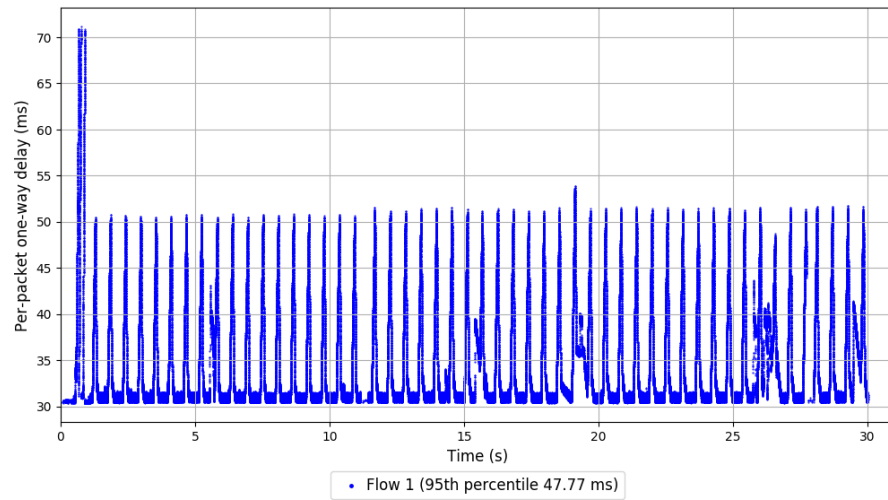
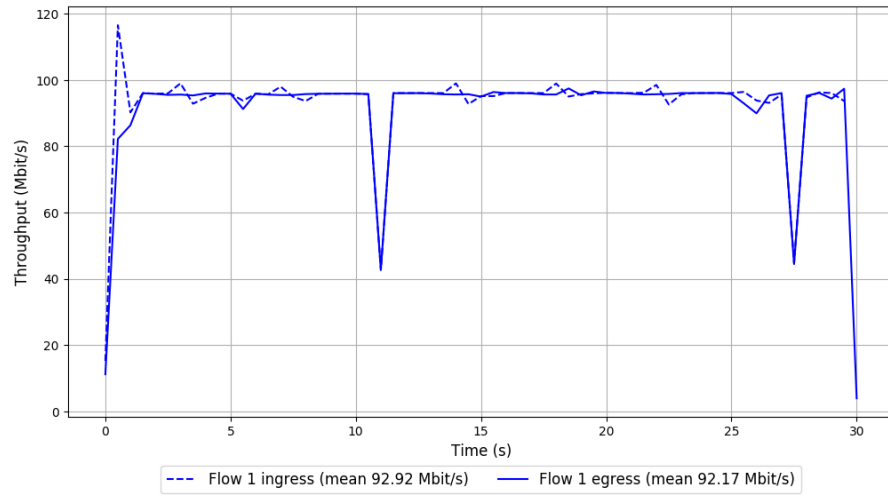


Run 10: Statistics of TCP BBR

Start at: 2018-03-20 18:26:19
End at: 2018-03-20 18:26:49
Local clock offset: 0.182 ms
Remote clock offset: -1.773 ms

Below is generated by plot.py at 2018-03-20 19:21:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.17 Mbit/s
95th percentile per-packet one-way delay: 47.767 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 92.17 Mbit/s
95th percentile per-packet one-way delay: 47.767 ms
Loss rate: 0.81%

Run 10: Report of TCP BBR — Data Link

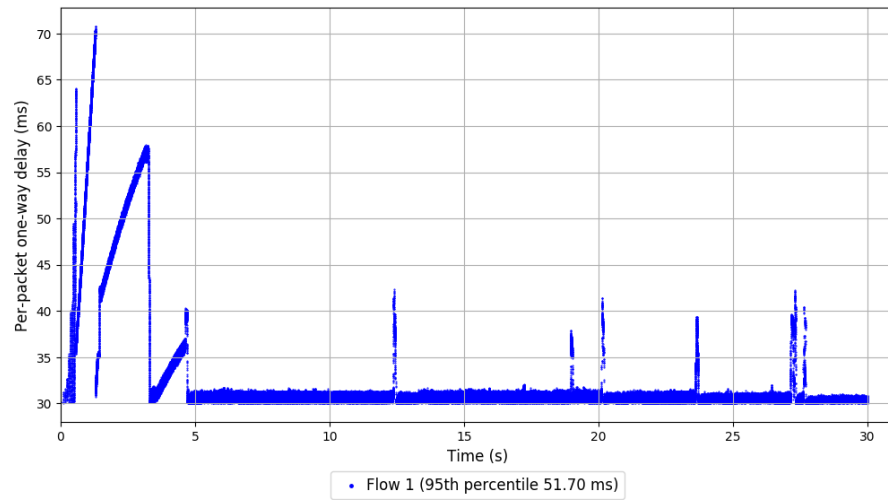
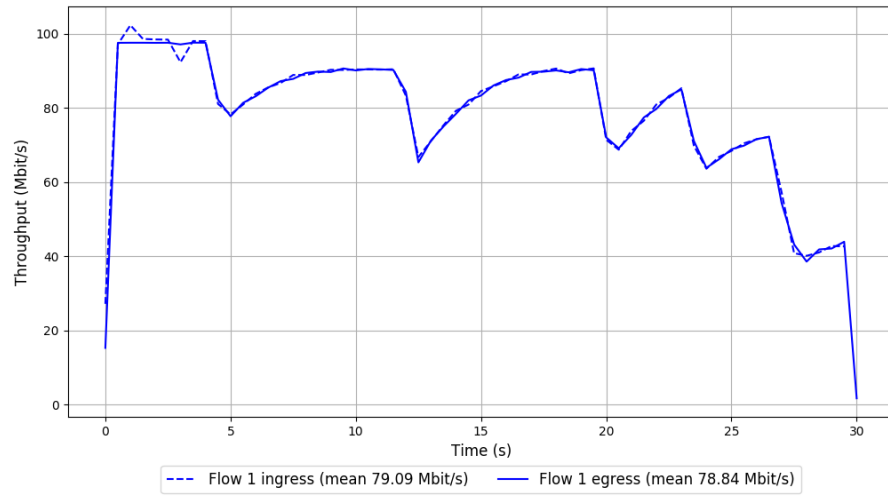


Run 1: Statistics of TCP Cubic

Start at: 2018-03-20 15:00:34
End at: 2018-03-20 15:01:04
Local clock offset: -0.312 ms
Remote clock offset: -1.745 ms

Below is generated by plot.py at 2018-03-20 19:21:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 51.700 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 78.84 Mbit/s
95th percentile per-packet one-way delay: 51.700 ms
Loss rate: 0.32%

Run 1: Report of TCP Cubic — Data Link

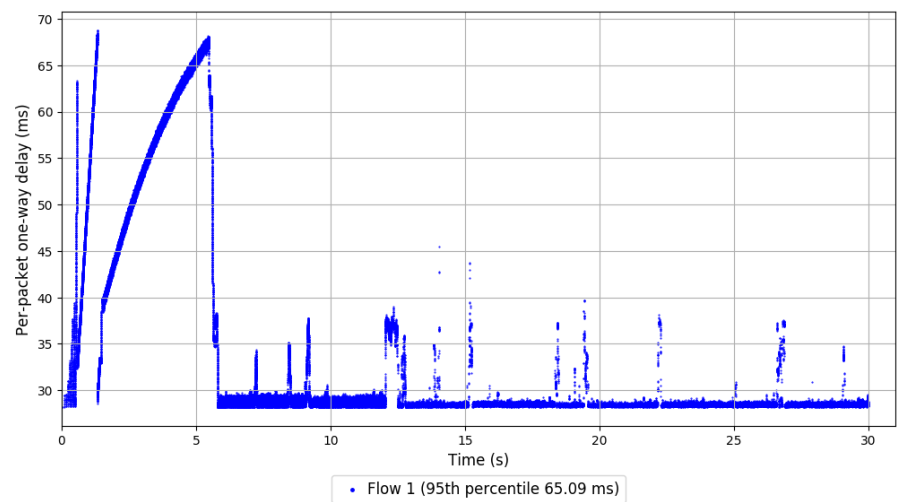
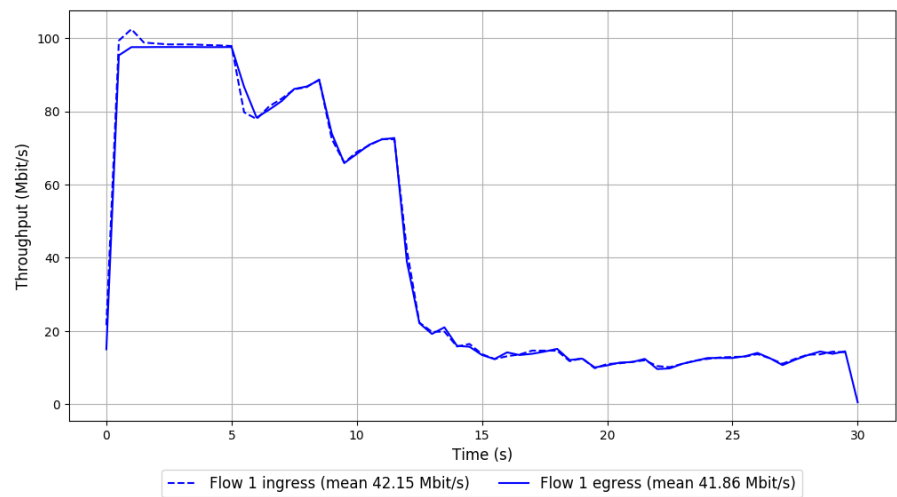


Run 2: Statistics of TCP Cubic

Start at: 2018-03-20 15:24:54
End at: 2018-03-20 15:25:24
Local clock offset: -0.365 ms
Remote clock offset: -5.153 ms

Below is generated by plot.py at 2018-03-20 19:21:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 65.090 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 41.86 Mbit/s
95th percentile per-packet one-way delay: 65.090 ms
Loss rate: 0.69%

Run 2: Report of TCP Cubic — Data Link

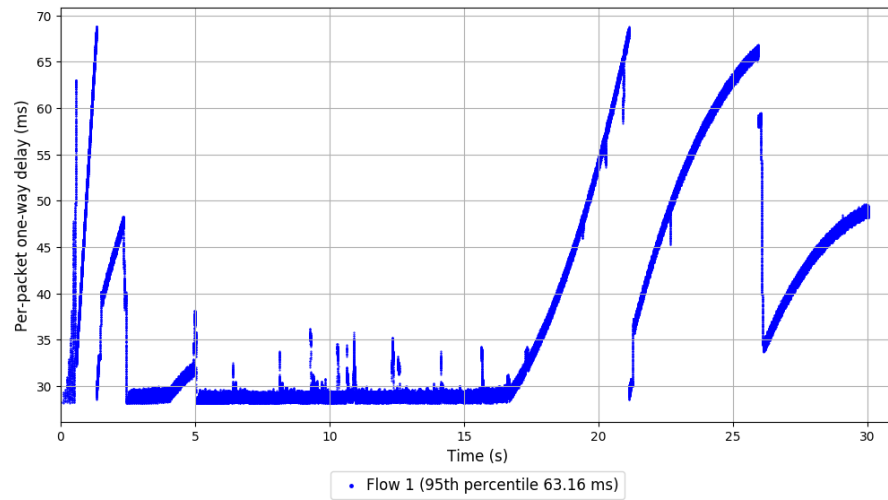
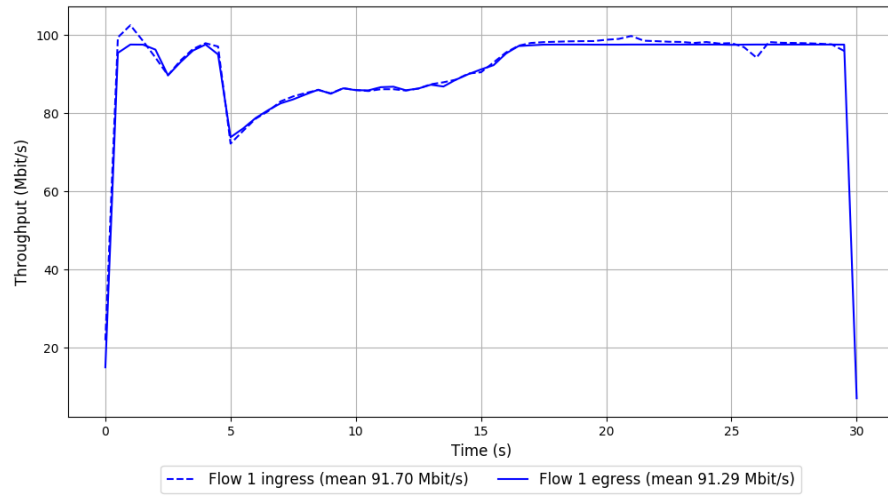


Run 3: Statistics of TCP Cubic

Start at: 2018-03-20 15:49:05
End at: 2018-03-20 15:49:35
Local clock offset: -0.658 ms
Remote clock offset: -4.942 ms

Below is generated by plot.py at 2018-03-20 19:21:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 63.162 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 63.162 ms
Loss rate: 0.38%

Run 3: Report of TCP Cubic — Data Link

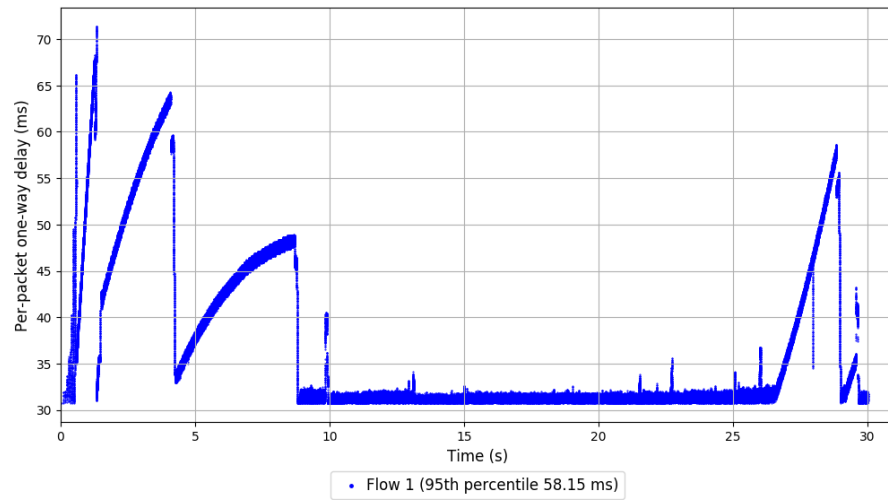
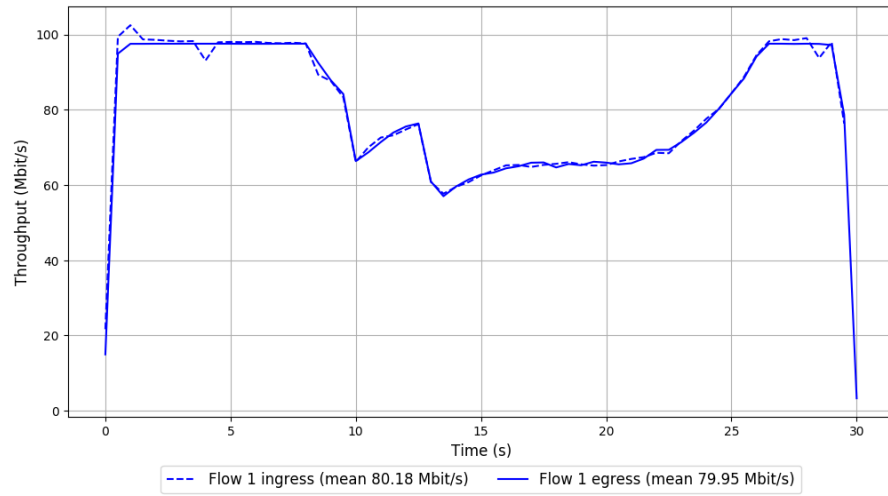


Run 4: Statistics of TCP Cubic

Start at: 2018-03-20 16:13:40
End at: 2018-03-20 16:14:10
Local clock offset: -0.211 ms
Remote clock offset: -1.147 ms

Below is generated by plot.py at 2018-03-20 19:21:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.95 Mbit/s
95th percentile per-packet one-way delay: 58.149 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 79.95 Mbit/s
95th percentile per-packet one-way delay: 58.149 ms
Loss rate: 0.28%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-20 16:38:01

End at: 2018-03-20 16:38:31

Local clock offset: -0.005 ms

Remote clock offset: -0.46 ms

Below is generated by plot.py at 2018-03-20 19:21:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.67 Mbit/s

95th percentile per-packet one-way delay: 50.968 ms

Loss rate: 0.42%

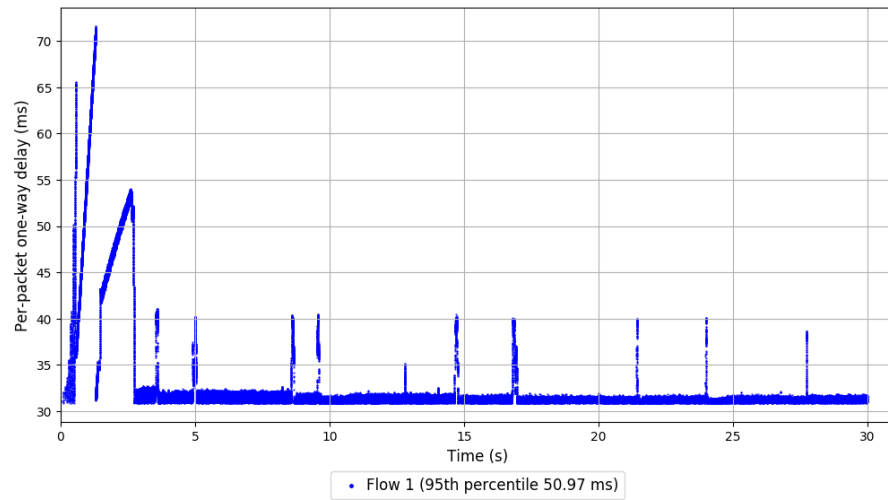
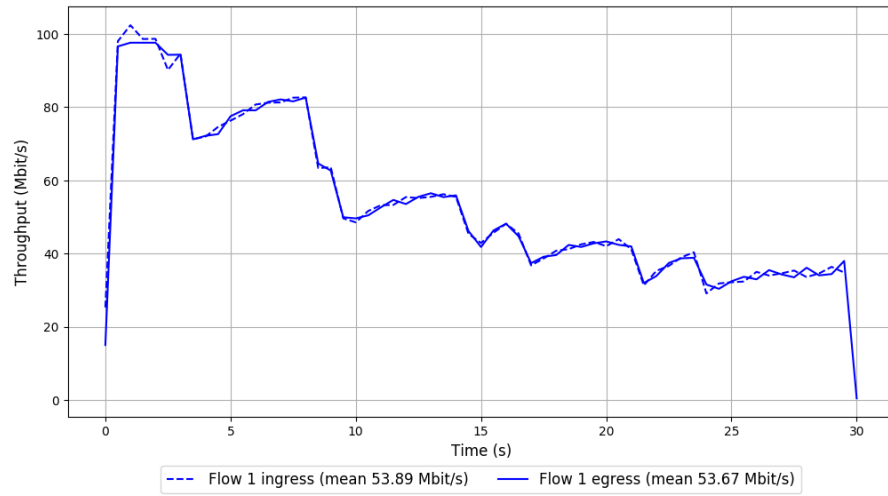
-- Flow 1:

Average throughput: 53.67 Mbit/s

95th percentile per-packet one-way delay: 50.968 ms

Loss rate: 0.42%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-03-20 17:02:33

End at: 2018-03-20 17:03:03

Local clock offset: 0.297 ms

Remote clock offset: -1.01 ms

Below is generated by plot.py at 2018-03-20 19:21:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.89 Mbit/s

95th percentile per-packet one-way delay: 64.210 ms

Loss rate: 0.32%

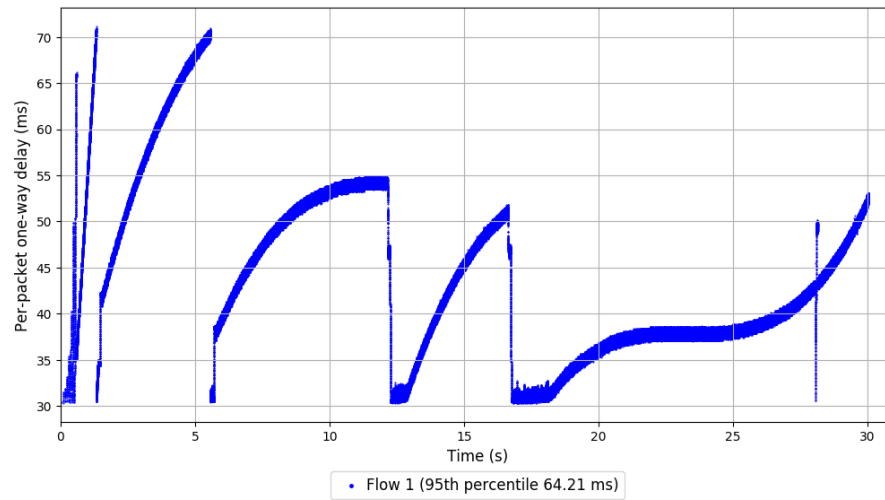
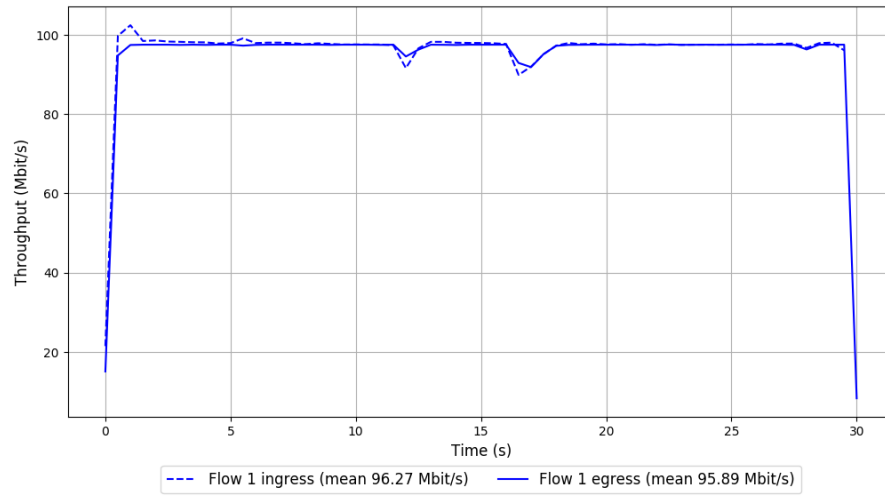
-- Flow 1:

Average throughput: 95.89 Mbit/s

95th percentile per-packet one-way delay: 64.210 ms

Loss rate: 0.32%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-03-20 17:27:02

End at: 2018-03-20 17:27:32

Local clock offset: -0.509 ms

Remote clock offset: -2.83 ms

Below is generated by plot.py at 2018-03-20 19:21:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.53 Mbit/s

95th percentile per-packet one-way delay: 48.369 ms

Loss rate: 0.37%

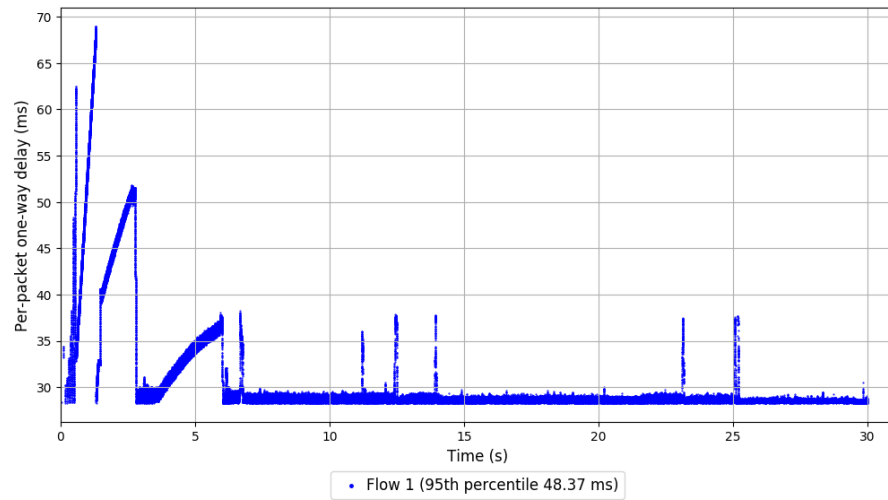
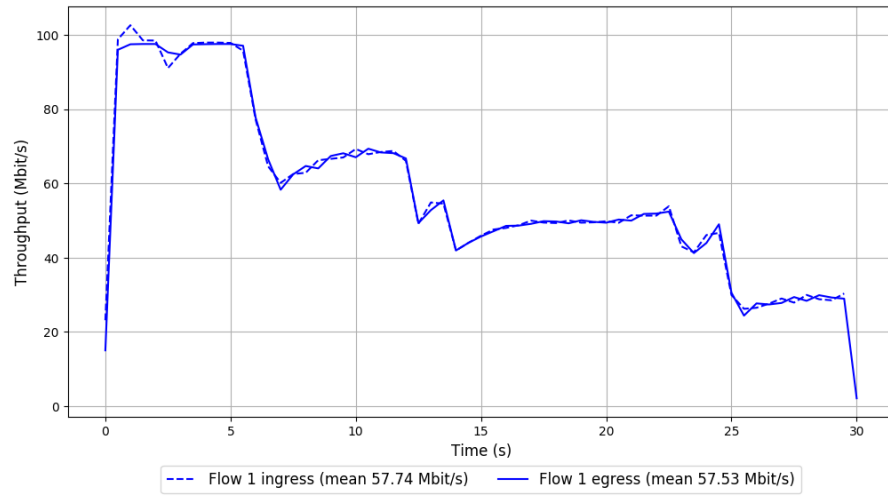
-- Flow 1:

Average throughput: 57.53 Mbit/s

95th percentile per-packet one-way delay: 48.369 ms

Loss rate: 0.37%

Run 7: Report of TCP Cubic — Data Link

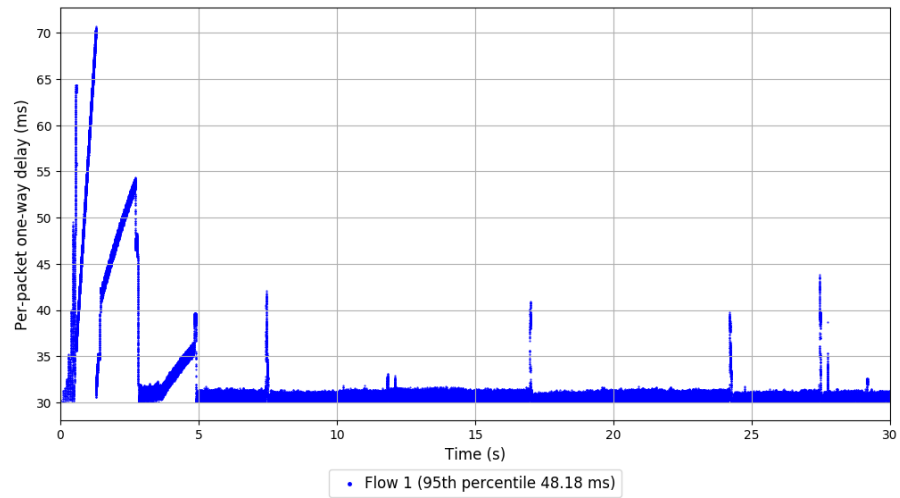
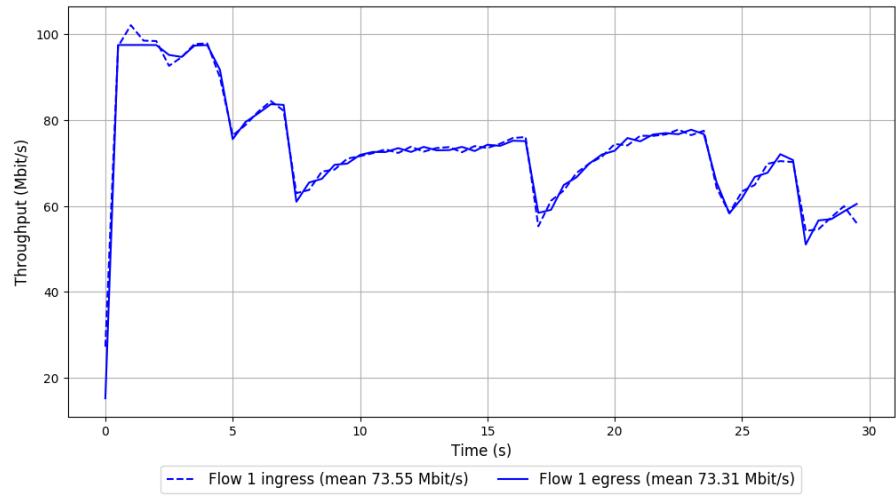


Run 8: Statistics of TCP Cubic

Start at: 2018-03-20 17:51:20
End at: 2018-03-20 17:51:50
Local clock offset: 0.038 ms
Remote clock offset: -0.375 ms

Below is generated by plot.py at 2018-03-20 19:21:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.31 Mbit/s
95th percentile per-packet one-way delay: 48.184 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 73.31 Mbit/s
95th percentile per-packet one-way delay: 48.184 ms
Loss rate: 0.32%

Run 8: Report of TCP Cubic — Data Link

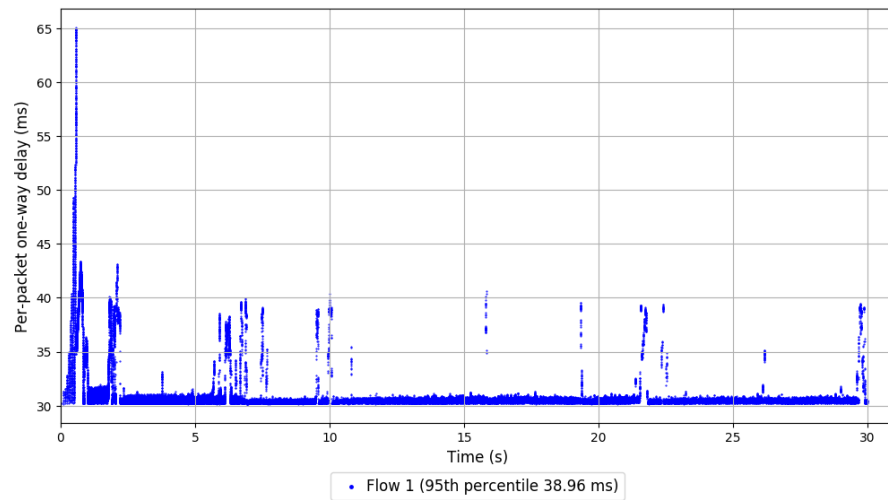
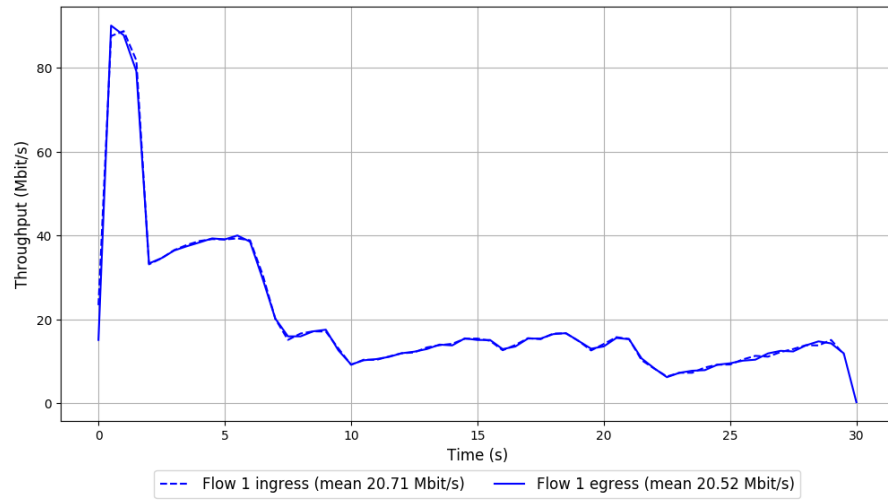


Run 9: Statistics of TCP Cubic

Start at: 2018-03-20 18:15:46
End at: 2018-03-20 18:16:16
Local clock offset: 0.38 ms
Remote clock offset: -1.168 ms

Below is generated by plot.py at 2018-03-20 19:21:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 38.956 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 38.956 ms
Loss rate: 0.87%

Run 9: Report of TCP Cubic — Data Link

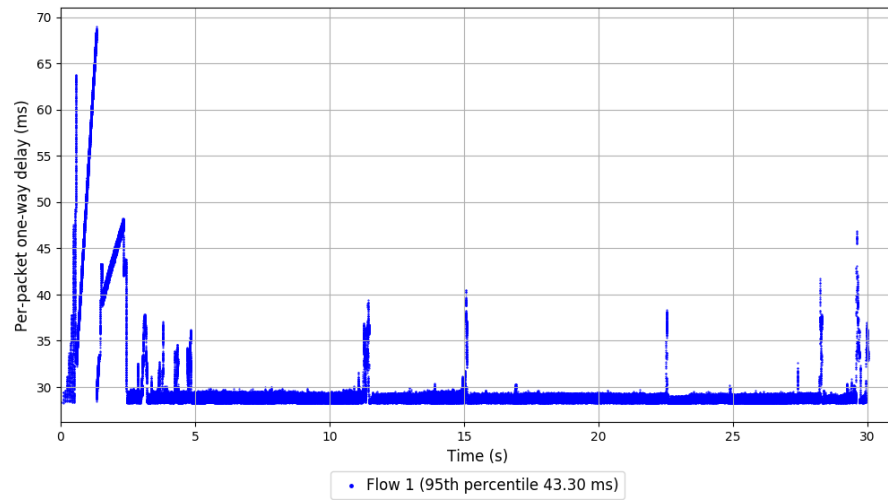
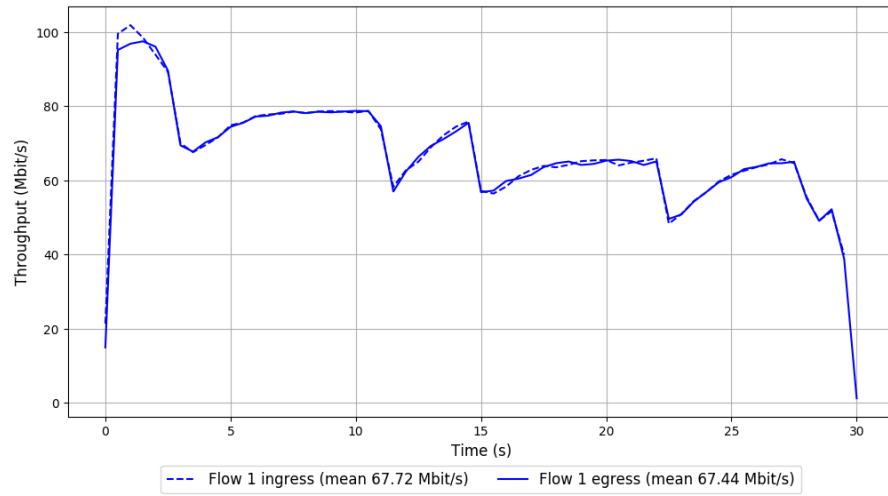


Run 10: Statistics of TCP Cubic

Start at: 2018-03-20 18:40:17
End at: 2018-03-20 18:40:47
Local clock offset: 0.232 ms
Remote clock offset: -3.773 ms

Below is generated by plot.py at 2018-03-20 19:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.44 Mbit/s
95th percentile per-packet one-way delay: 43.296 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 67.44 Mbit/s
95th percentile per-packet one-way delay: 43.296 ms
Loss rate: 0.40%

Run 10: Report of TCP Cubic — Data Link

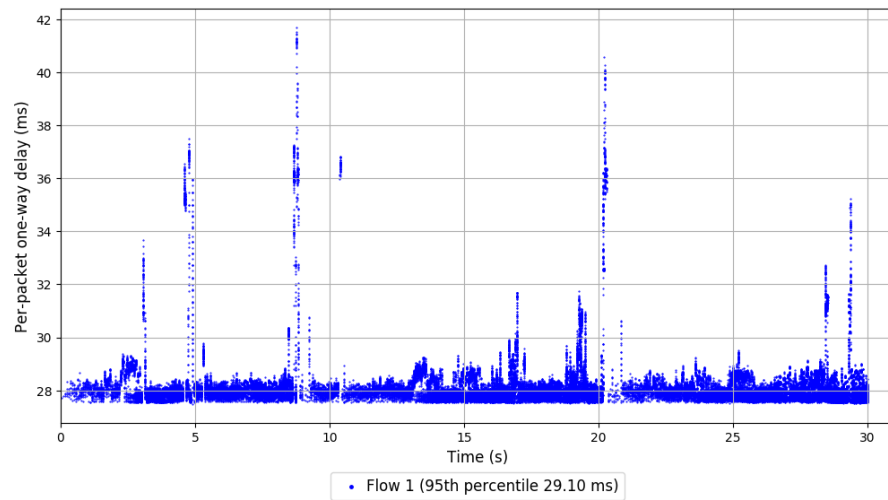
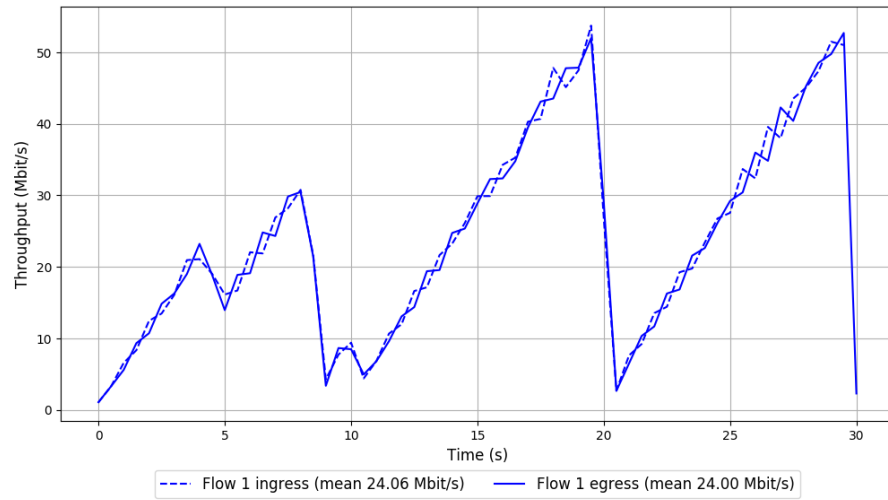


Run 1: Statistics of LEDBAT

Start at: 2018-03-20 14:49:51
End at: 2018-03-20 14:50:21
Local clock offset: -0.355 ms
Remote clock offset: -4.176 ms

Below is generated by plot.py at 2018-03-20 19:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 29.104 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 29.104 ms
Loss rate: 0.24%

Run 1: Report of LEDBAT — Data Link

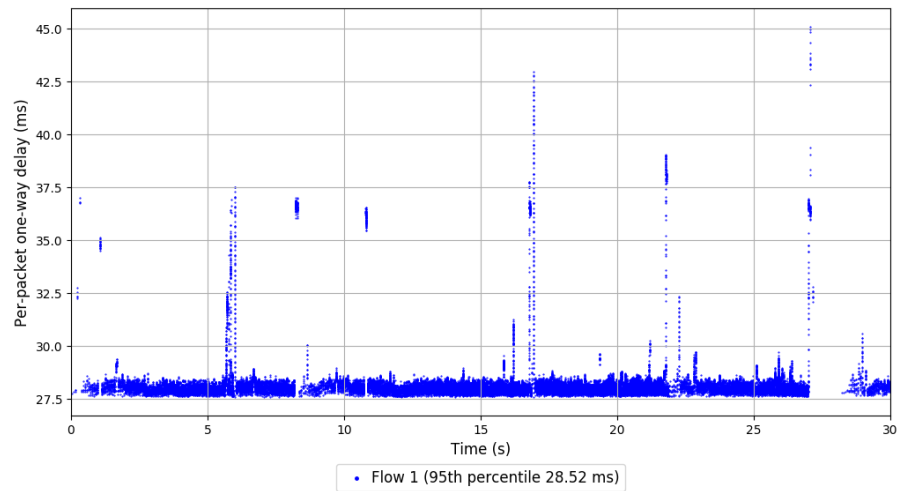
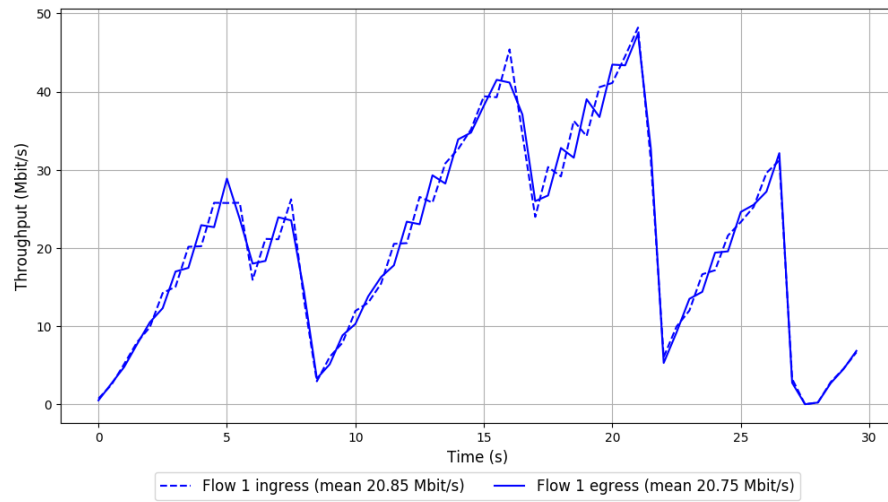


Run 2: Statistics of LEDBAT

Start at: 2018-03-20 15:14:07
End at: 2018-03-20 15:14:37
Local clock offset: -0.308 ms
Remote clock offset: -4.619 ms

Below is generated by plot.py at 2018-03-20 19:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 28.521 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 28.521 ms
Loss rate: 0.49%

Run 2: Report of LEDBAT — Data Link

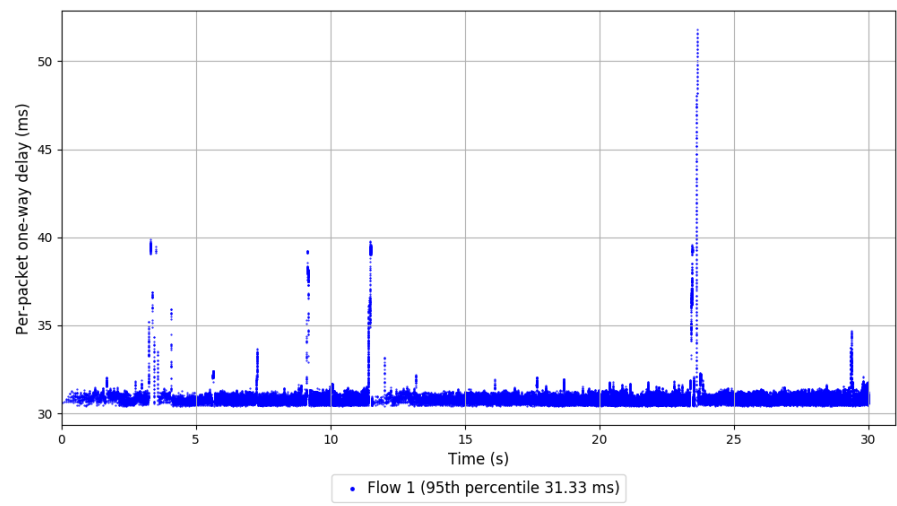
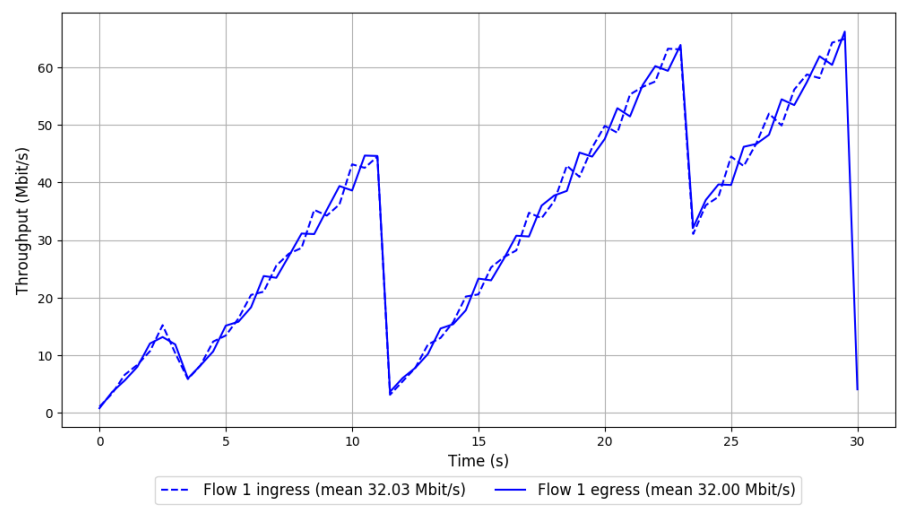


Run 3: Statistics of LEDBAT

Start at: 2018-03-20 15:38:13
End at: 2018-03-20 15:38:43
Local clock offset: -0.654 ms
Remote clock offset: -3.398 ms

Below is generated by plot.py at 2018-03-20 19:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 31.326 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 31.326 ms
Loss rate: 0.09%

Run 3: Report of LEDBAT — Data Link

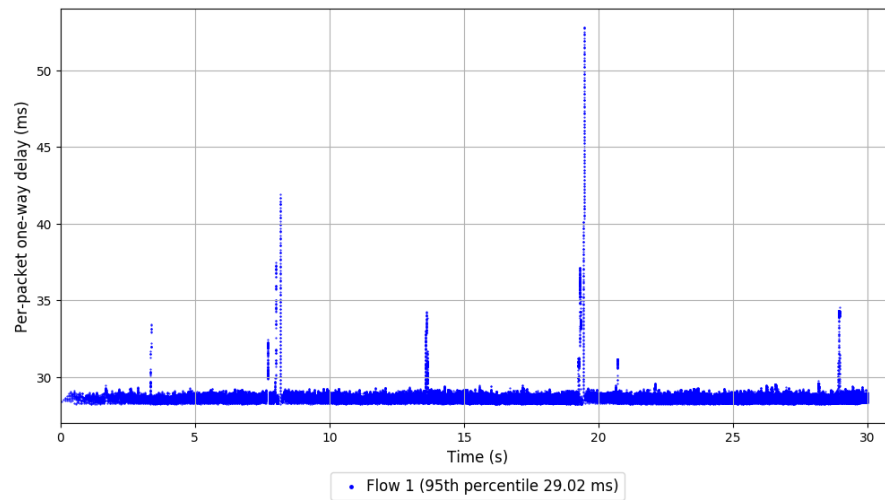
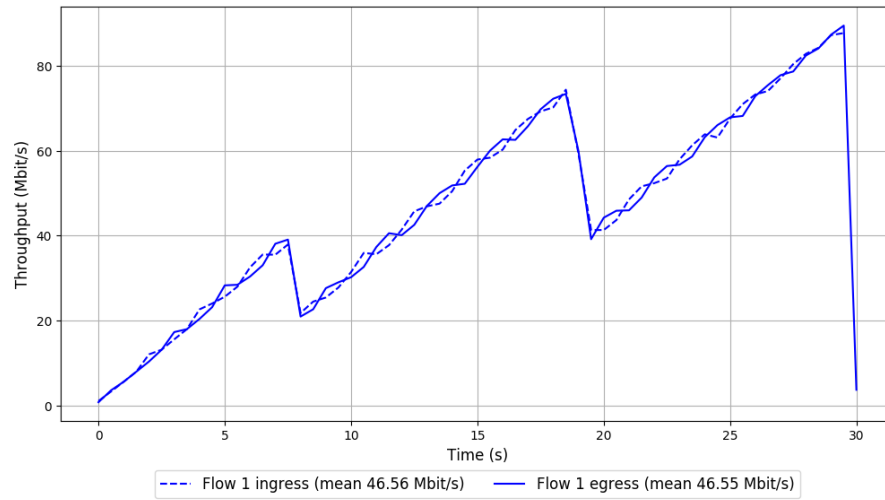


Run 4: Statistics of LEDBAT

Start at: 2018-03-20 16:02:43
End at: 2018-03-20 16:03:13
Local clock offset: -0.446 ms
Remote clock offset: -3.961 ms

Below is generated by plot.py at 2018-03-20 19:22:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.55 Mbit/s
95th percentile per-packet one-way delay: 29.022 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 46.55 Mbit/s
95th percentile per-packet one-way delay: 29.022 ms
Loss rate: 0.02%

Run 4: Report of LEDBAT — Data Link

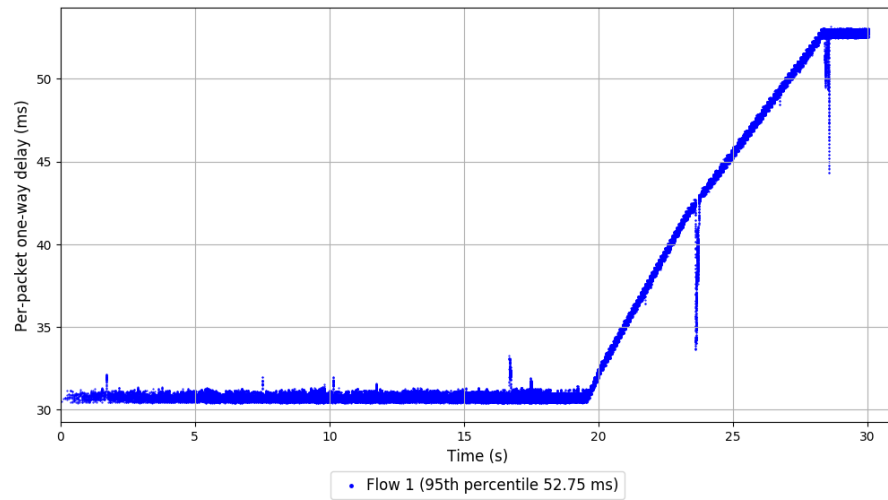
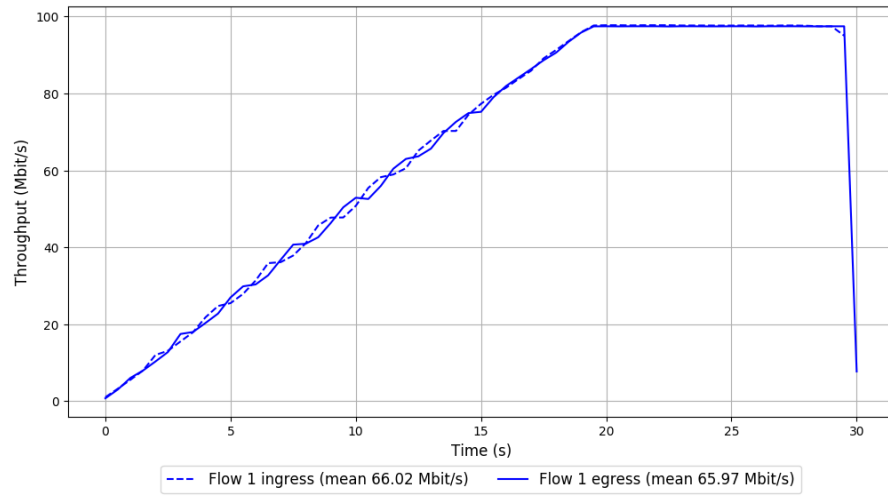


Run 5: Statistics of LEDBAT

Start at: 2018-03-20 16:27:04
End at: 2018-03-20 16:27:34
Local clock offset: -0.193 ms
Remote clock offset: -1.203 ms

Below is generated by plot.py at 2018-03-20 19:22:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.97 Mbit/s
95th percentile per-packet one-way delay: 52.754 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.97 Mbit/s
95th percentile per-packet one-way delay: 52.754 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

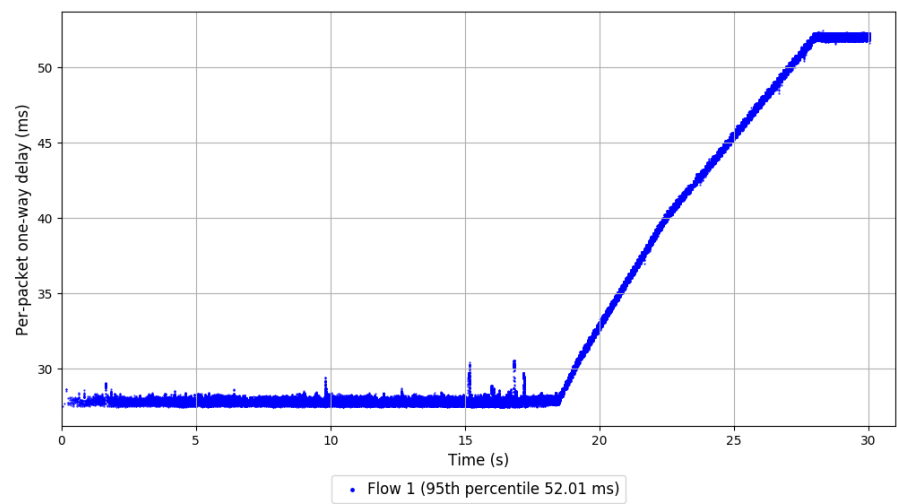
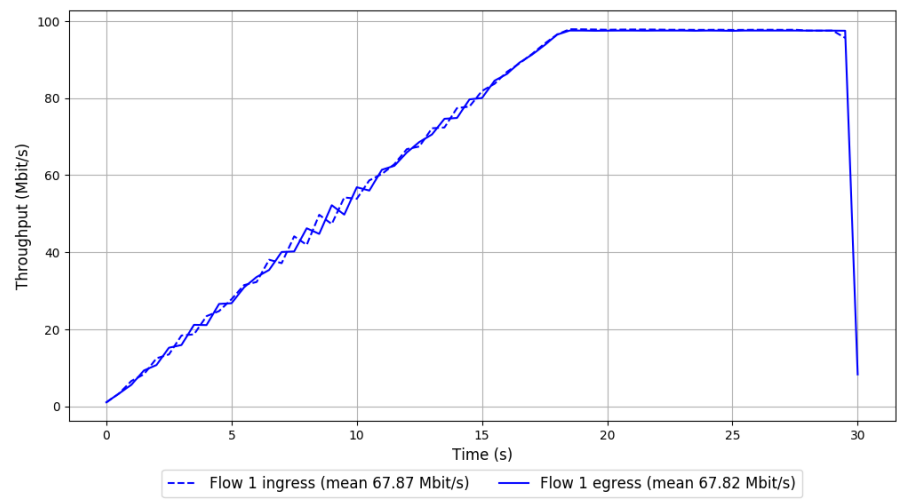


Run 6: Statistics of LEDBAT

Start at: 2018-03-20 16:51:39
End at: 2018-03-20 16:52:09
Local clock offset: 0.241 ms
Remote clock offset: -2.724 ms

Below is generated by plot.py at 2018-03-20 19:22:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.82 Mbit/s
95th percentile per-packet one-way delay: 52.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.82 Mbit/s
95th percentile per-packet one-way delay: 52.005 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

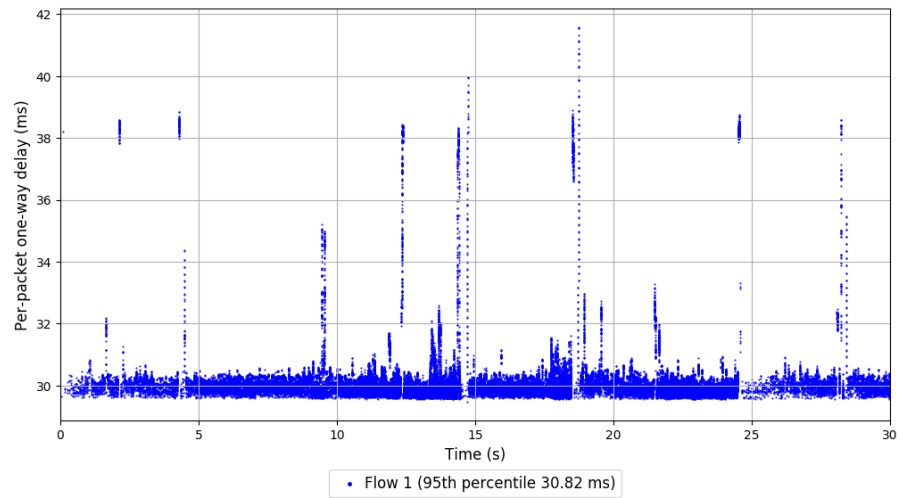
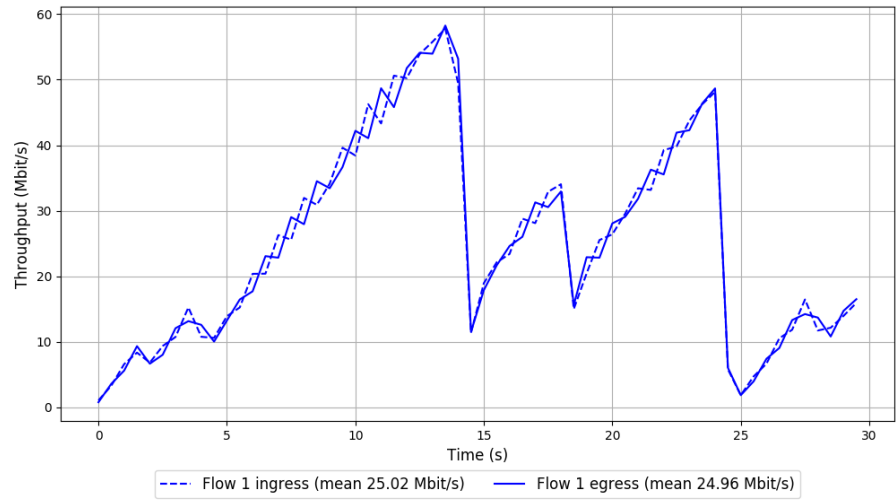


Run 7: Statistics of LEDBAT

Start at: 2018-03-20 17:16:05
End at: 2018-03-20 17:16:35
Local clock offset: -0.223 ms
Remote clock offset: -0.972 ms

Below is generated by plot.py at 2018-03-20 19:22:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.96 Mbit/s
95th percentile per-packet one-way delay: 30.815 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 24.96 Mbit/s
95th percentile per-packet one-way delay: 30.815 ms
Loss rate: 0.25%

Run 7: Report of LEDBAT — Data Link

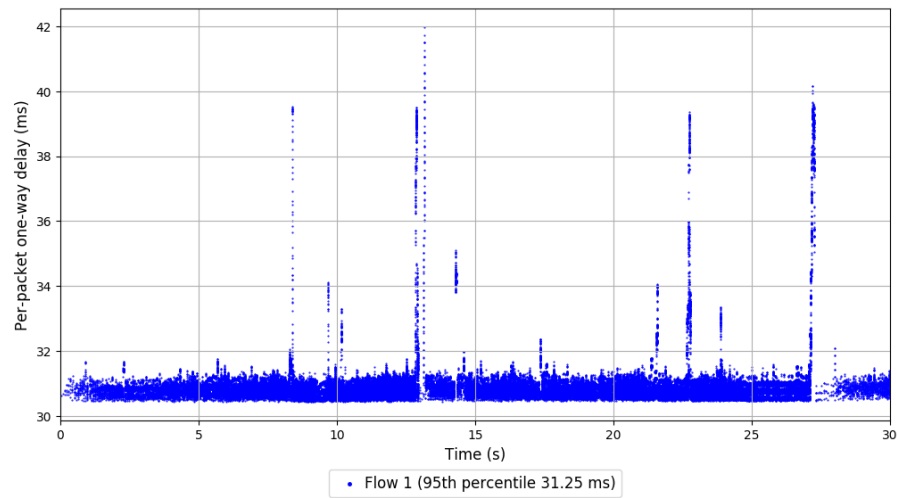
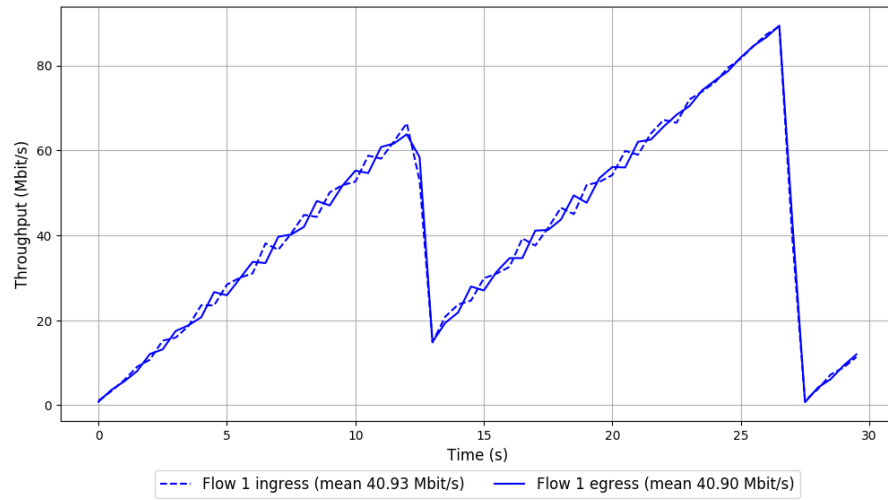


Run 8: Statistics of LEDBAT

Start at: 2018-03-20 17:40:33
End at: 2018-03-20 17:41:03
Local clock offset: -0.717 ms
Remote clock offset: -1.005 ms

Below is generated by plot.py at 2018-03-20 19:22:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 31.250 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 31.250 ms
Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link

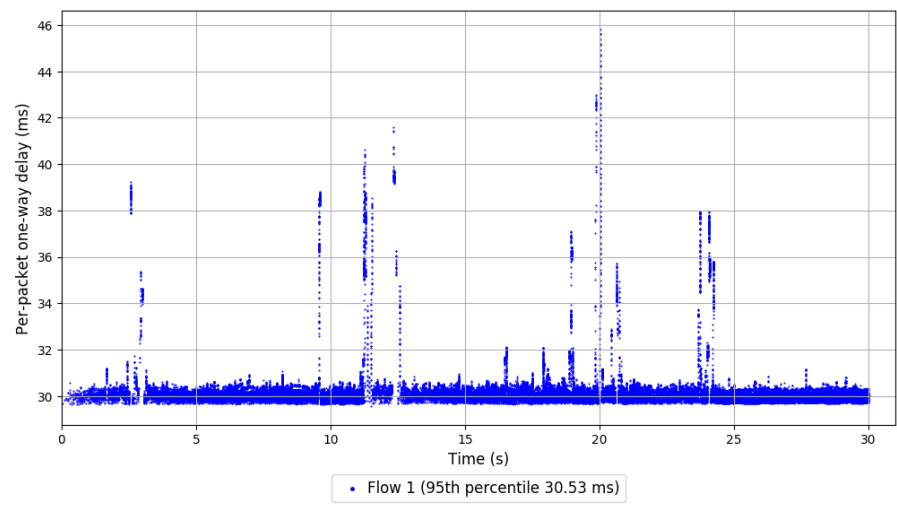
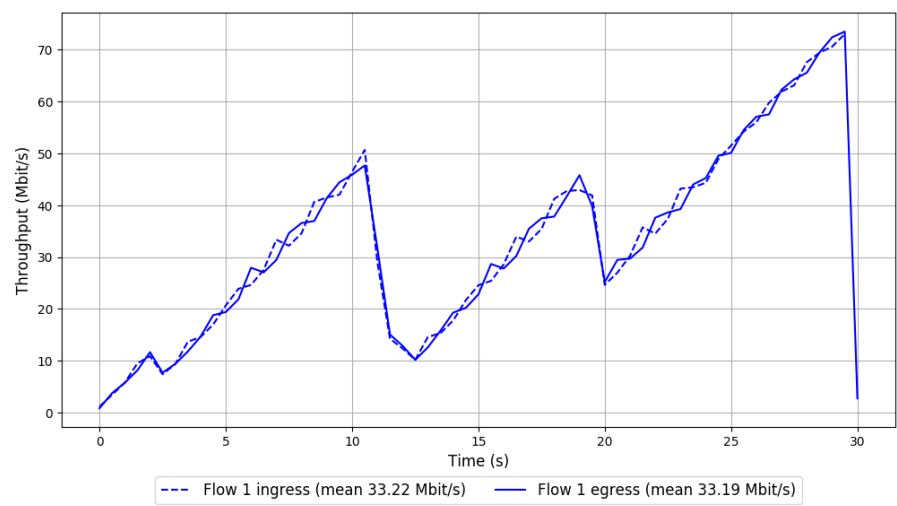


Run 9: Statistics of LEDBAT

Start at: 2018-03-20 18:04:57
End at: 2018-03-20 18:05:27
Local clock offset: 0.309 ms
Remote clock offset: -1.177 ms

Below is generated by plot.py at 2018-03-20 19:22:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 30.528 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 30.528 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link

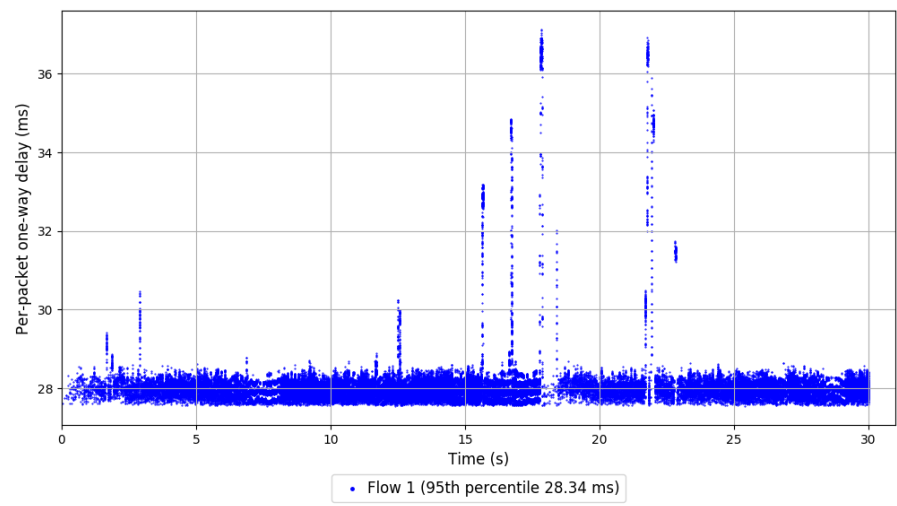
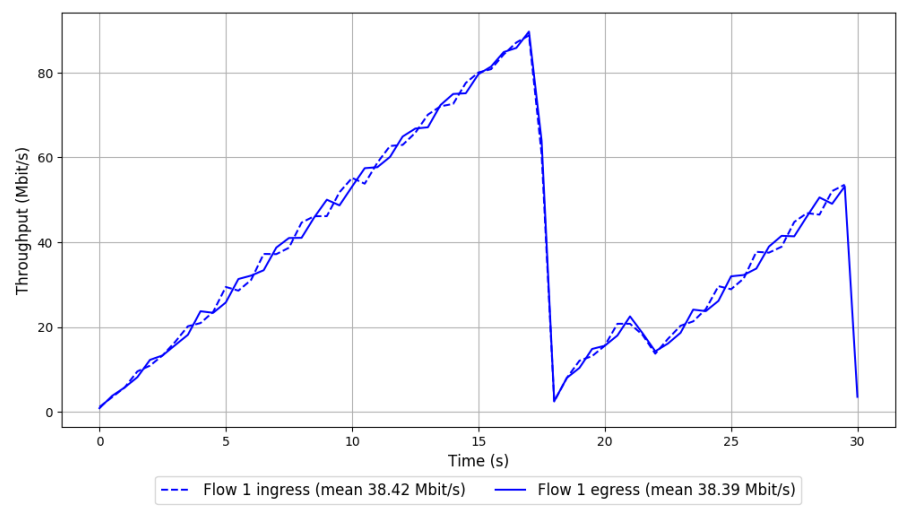


Run 10: Statistics of LEDBAT

Start at: 2018-03-20 18:29:20
End at: 2018-03-20 18:29:50
Local clock offset: 0.205 ms
Remote clock offset: -3.865 ms

Below is generated by plot.py at 2018-03-20 19:22:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 28.335 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 38.39 Mbit/s
95th percentile per-packet one-way delay: 28.335 ms
Loss rate: 0.07%

Run 10: Report of LEDBAT — Data Link

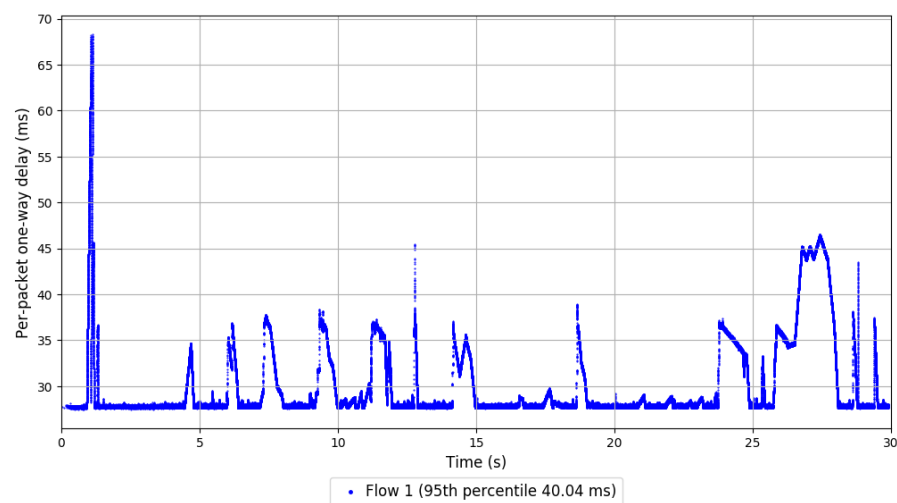
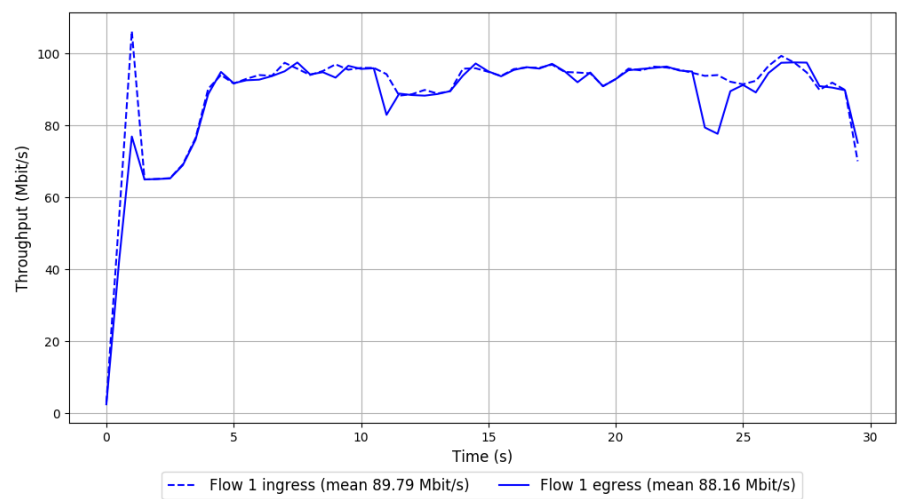


Run 1: Statistics of PCC

Start at: 2018-03-20 15:06:00
End at: 2018-03-20 15:06:30
Local clock offset: -0.376 ms
Remote clock offset: -4.294 ms

Below is generated by plot.py at 2018-03-20 19:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 40.042 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 40.042 ms
Loss rate: 1.82%

Run 1: Report of PCC — Data Link

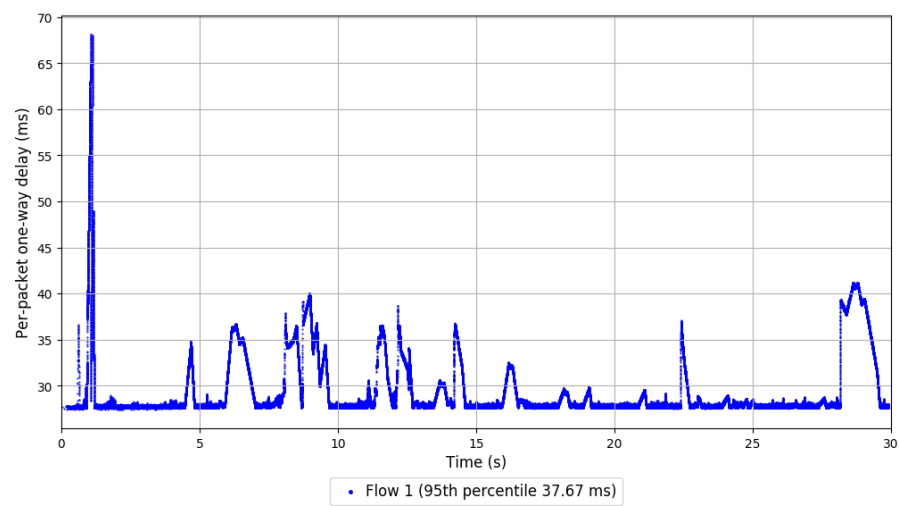
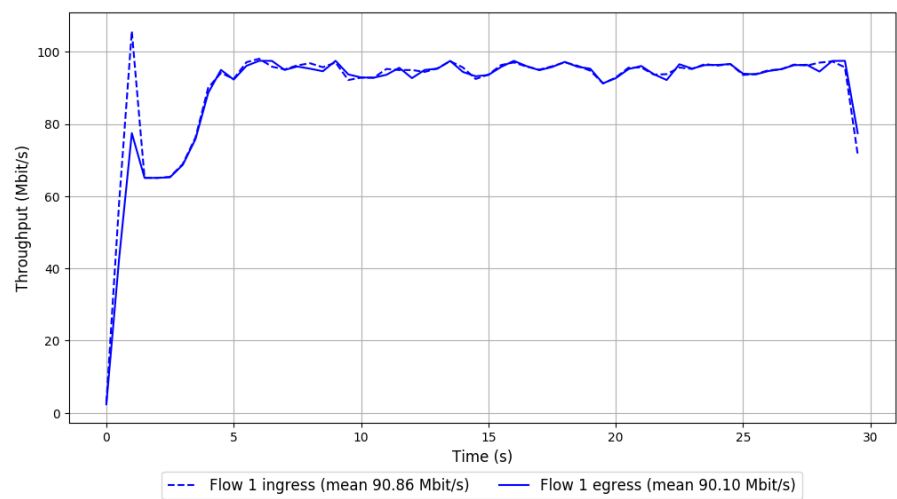


Run 2: Statistics of PCC

Start at: 2018-03-20 15:30:17
End at: 2018-03-20 15:30:47
Local clock offset: -0.462 ms
Remote clock offset: -5.246 ms

Below is generated by plot.py at 2018-03-20 19:23:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.10 Mbit/s
95th percentile per-packet one-way delay: 37.671 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 90.10 Mbit/s
95th percentile per-packet one-way delay: 37.671 ms
Loss rate: 0.83%

Run 2: Report of PCC — Data Link

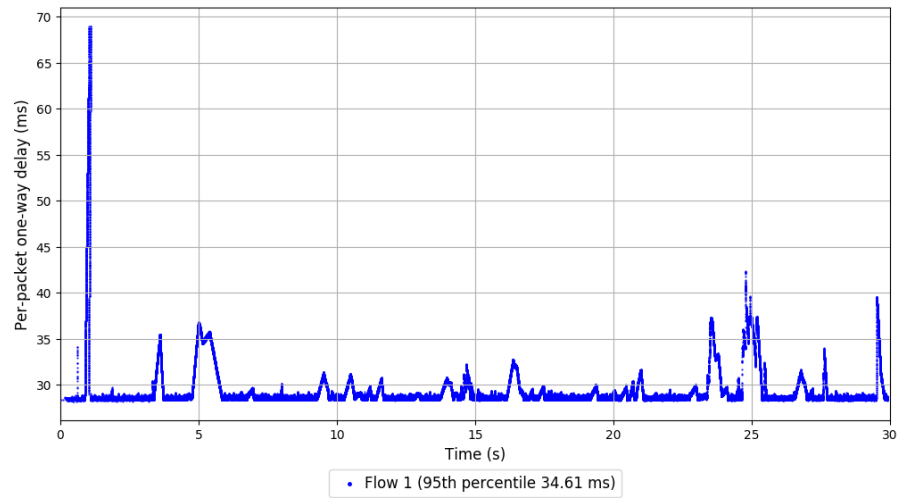
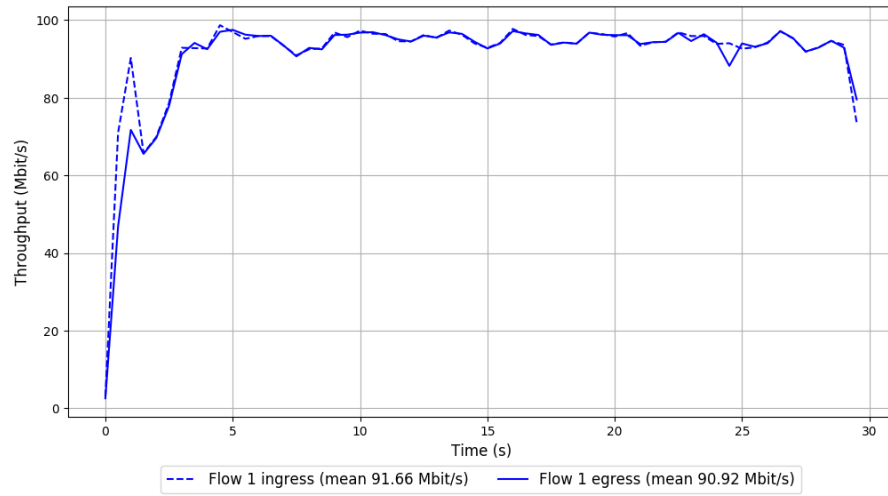


Run 3: Statistics of PCC

Start at: 2018-03-20 15:54:35
End at: 2018-03-20 15:55:05
Local clock offset: -0.754 ms
Remote clock offset: -4.338 ms

Below is generated by plot.py at 2018-03-20 19:23:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.92 Mbit/s
95th percentile per-packet one-way delay: 34.607 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 90.92 Mbit/s
95th percentile per-packet one-way delay: 34.607 ms
Loss rate: 0.81%

Run 3: Report of PCC — Data Link

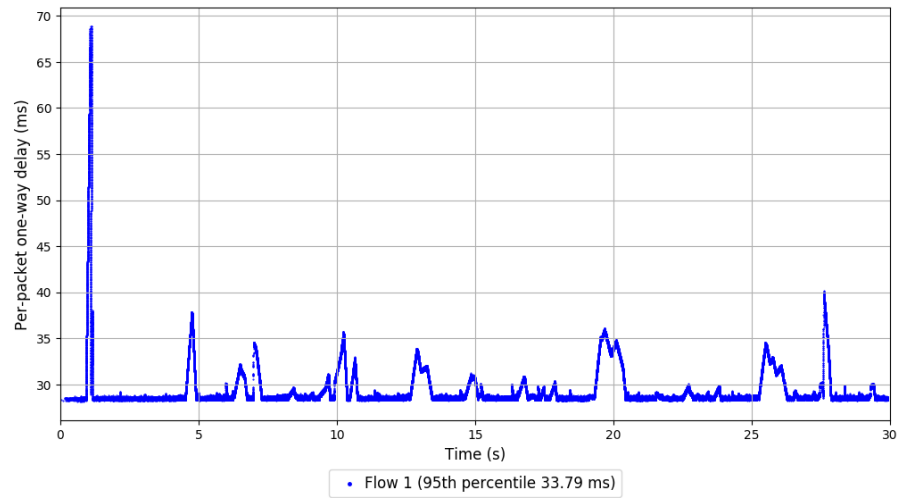
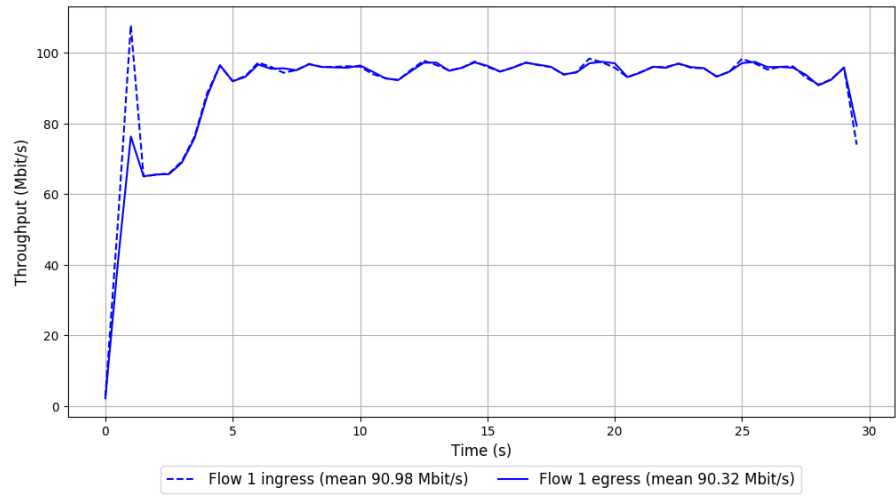


Run 4: Statistics of PCC

Start at: 2018-03-20 16:19:08
End at: 2018-03-20 16:19:38
Local clock offset: -0.175 ms
Remote clock offset: -3.513 ms

Below is generated by plot.py at 2018-03-20 19:23:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 33.786 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 33.786 ms
Loss rate: 0.73%

Run 4: Report of PCC — Data Link

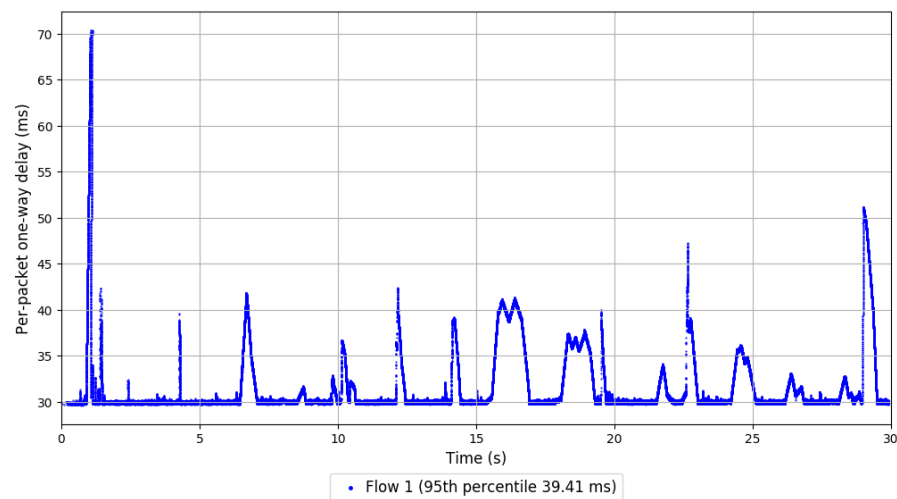
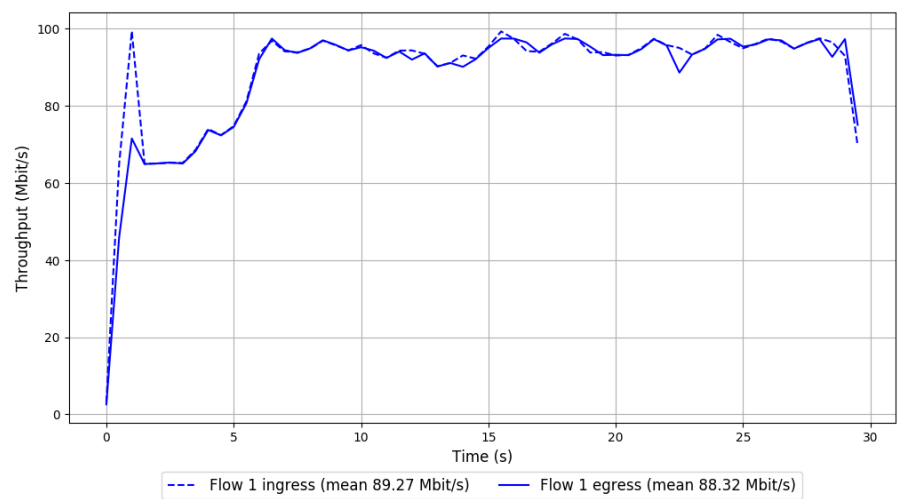


Run 5: Statistics of PCC

Start at: 2018-03-20 16:43:28
End at: 2018-03-20 16:43:58
Local clock offset: 0.068 ms
Remote clock offset: -0.772 ms

Below is generated by plot.py at 2018-03-20 19:23:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 39.412 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 39.412 ms
Loss rate: 1.06%

Run 5: Report of PCC — Data Link

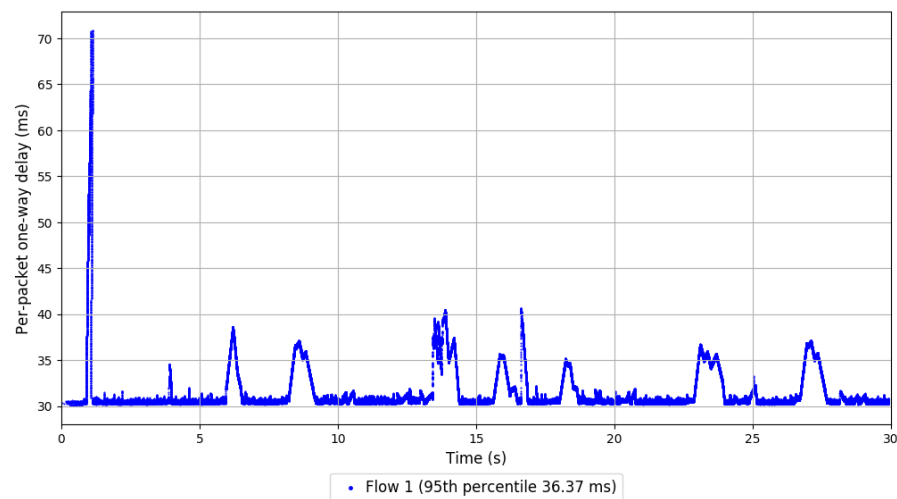
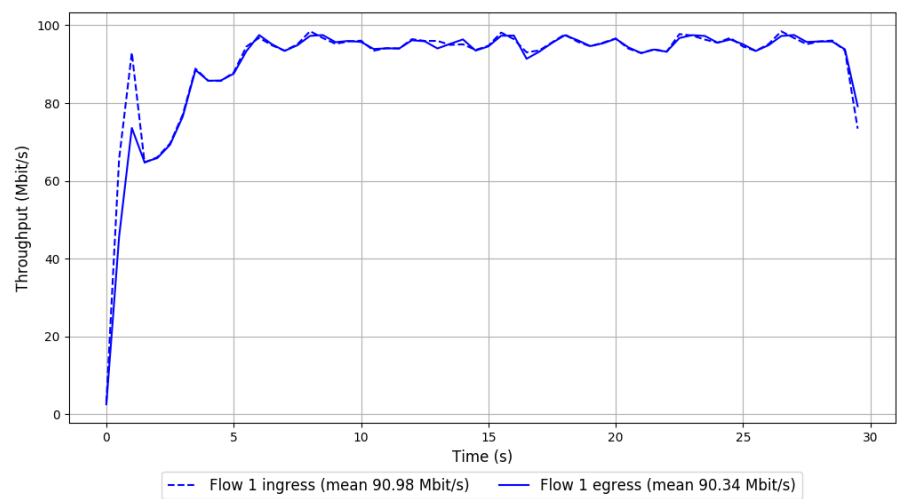


Run 6: Statistics of PCC

Start at: 2018-03-20 17:08:02
End at: 2018-03-20 17:08:32
Local clock offset: 0.168 ms
Remote clock offset: -1.059 ms

Below is generated by plot.py at 2018-03-20 19:24:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 36.368 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 90.34 Mbit/s
95th percentile per-packet one-way delay: 36.368 ms
Loss rate: 0.71%

Run 6: Report of PCC — Data Link

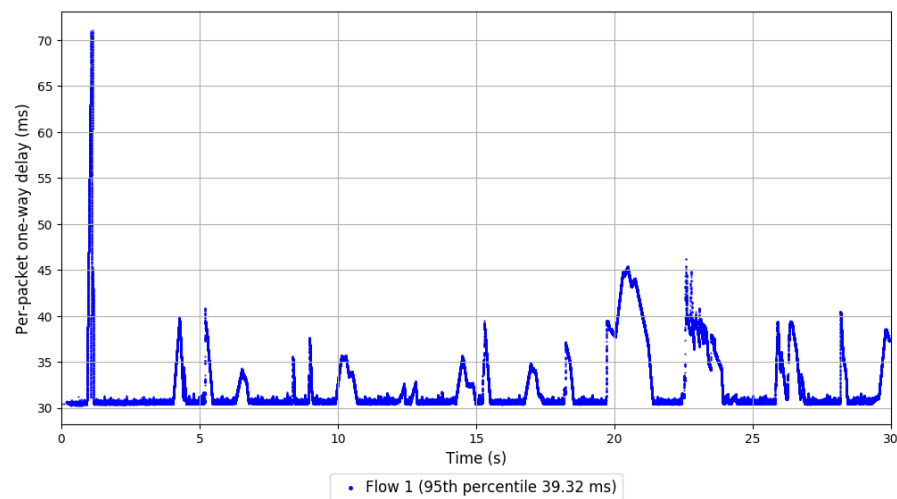
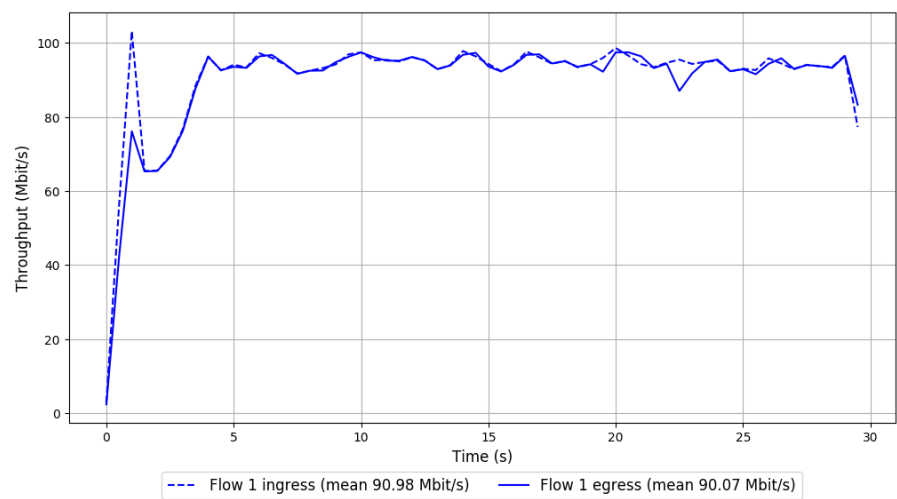


Run 7: Statistics of PCC

Start at: 2018-03-20 17:32:27
End at: 2018-03-20 17:32:57
Local clock offset: -0.626 ms
Remote clock offset: -0.906 ms

Below is generated by plot.py at 2018-03-20 19:24:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 39.318 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 39.318 ms
Loss rate: 0.98%

Run 7: Report of PCC — Data Link

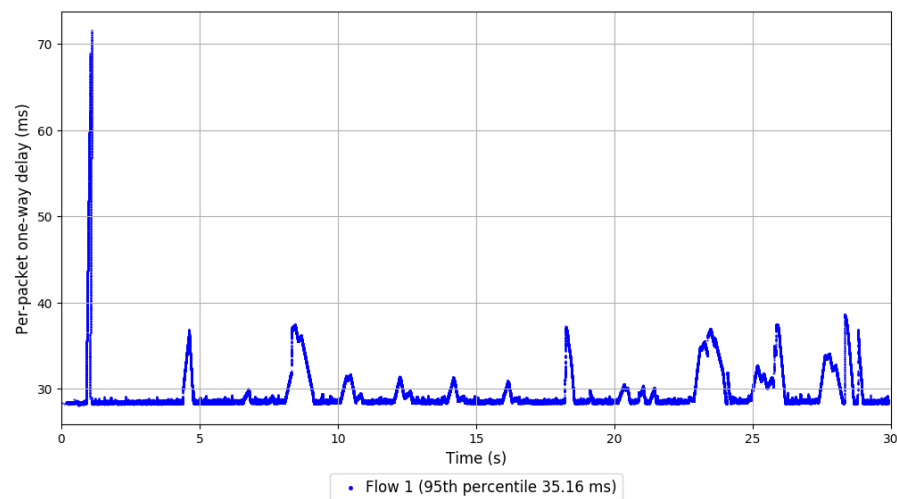
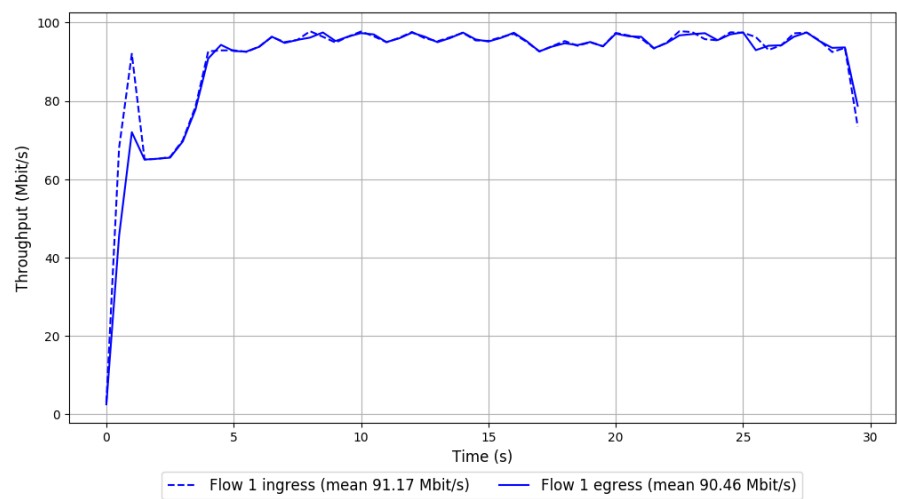


Run 8: Statistics of PCC

Start at: 2018-03-20 17:56:43
End at: 2018-03-20 17:57:13
Local clock offset: 0.181 ms
Remote clock offset: -2.818 ms

Below is generated by plot.py at 2018-03-20 19:24:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 35.159 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 35.159 ms
Loss rate: 0.78%

Run 8: Report of PCC — Data Link

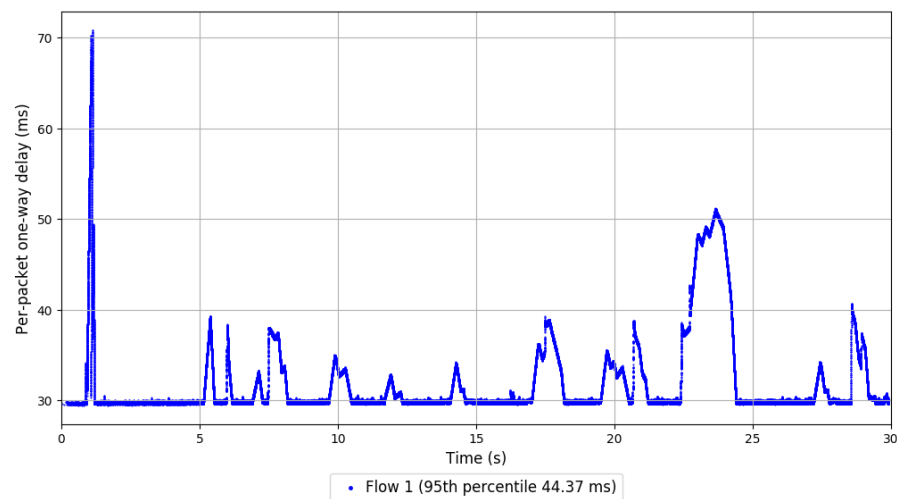
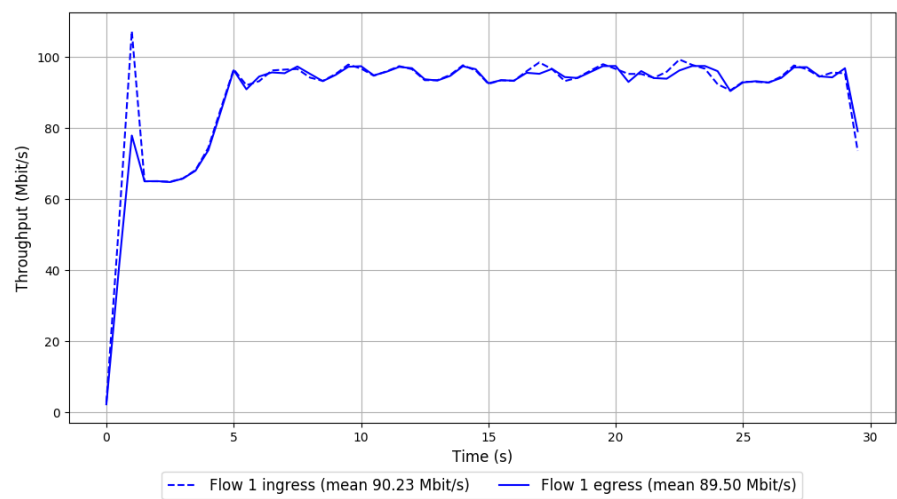


Run 9: Statistics of PCC

Start at: 2018-03-20 18:21:07
End at: 2018-03-20 18:21:38
Local clock offset: 0.282 ms
Remote clock offset: -1.813 ms

Below is generated by plot.py at 2018-03-20 19:25:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 44.368 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 44.368 ms
Loss rate: 0.81%

Run 9: Report of PCC — Data Link

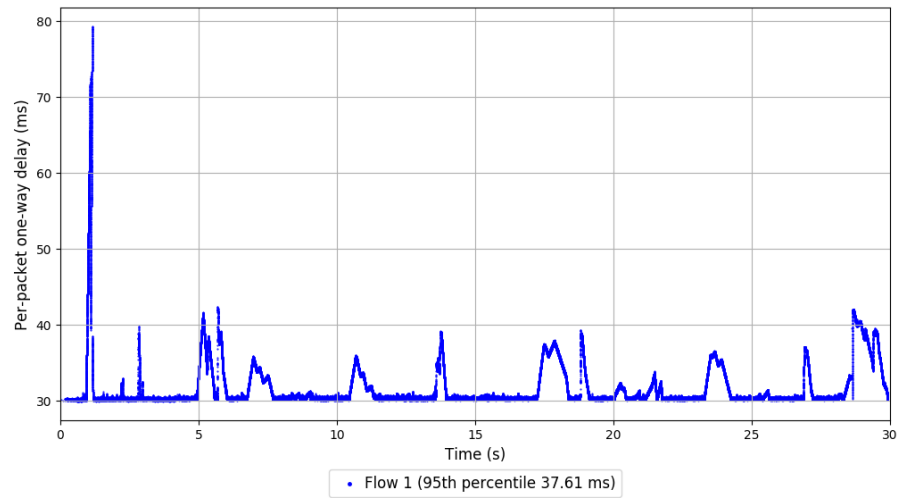
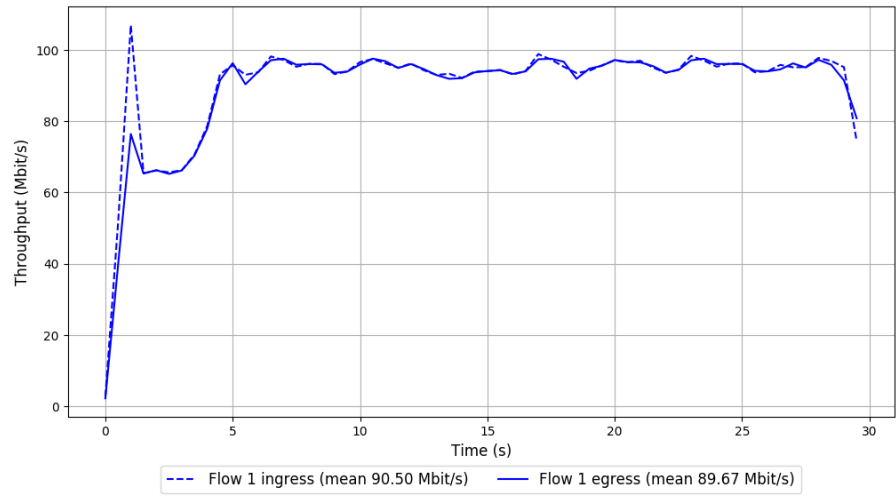


Run 10: Statistics of PCC

Start at: 2018-03-20 18:45:44
End at: 2018-03-20 18:46:14
Local clock offset: 0.245 ms
Remote clock offset: -1.178 ms

Below is generated by plot.py at 2018-03-20 19:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 37.609 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 37.609 ms
Loss rate: 0.92%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

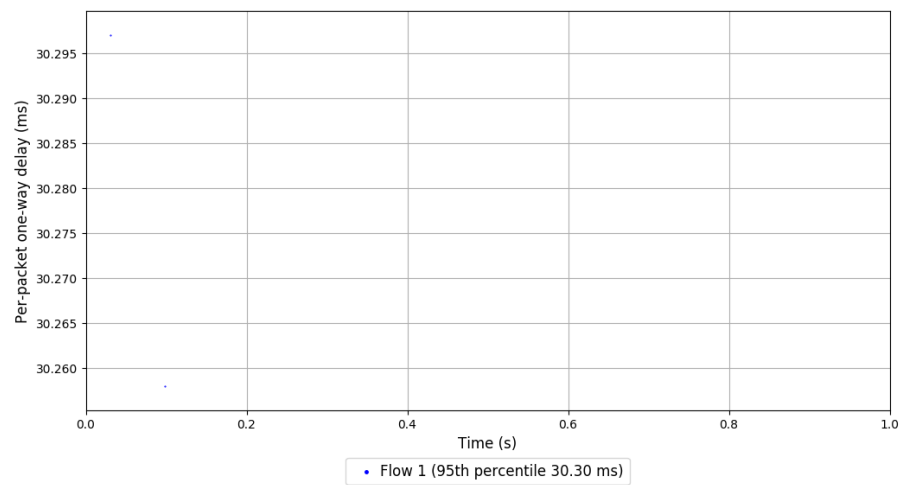
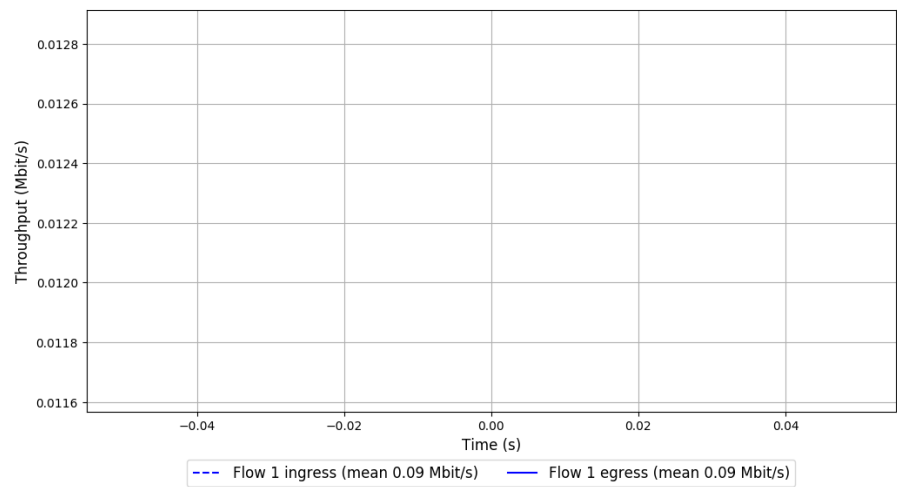
Start at: 2018-03-20 14:56:34

End at: 2018-03-20 14:57:04

Local clock offset: -0.299 ms

Remote clock offset: -2.142 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-20 15:20:53

End at: 2018-03-20 15:21:23

Local clock offset: -0.4 ms

Remote clock offset: -2.899 ms

Below is generated by plot.py at 2018-03-20 19:25:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.76 Mbit/s

95th percentile per-packet one-way delay: 36.201 ms

Loss rate: 0.34%

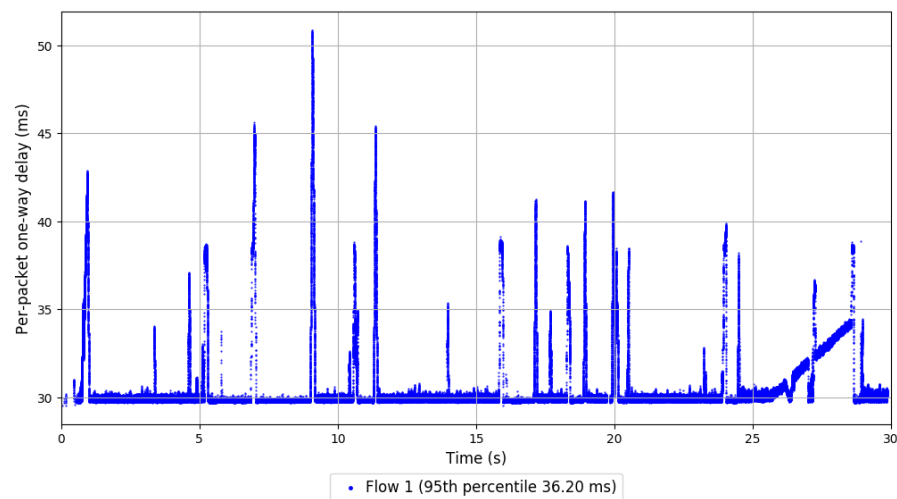
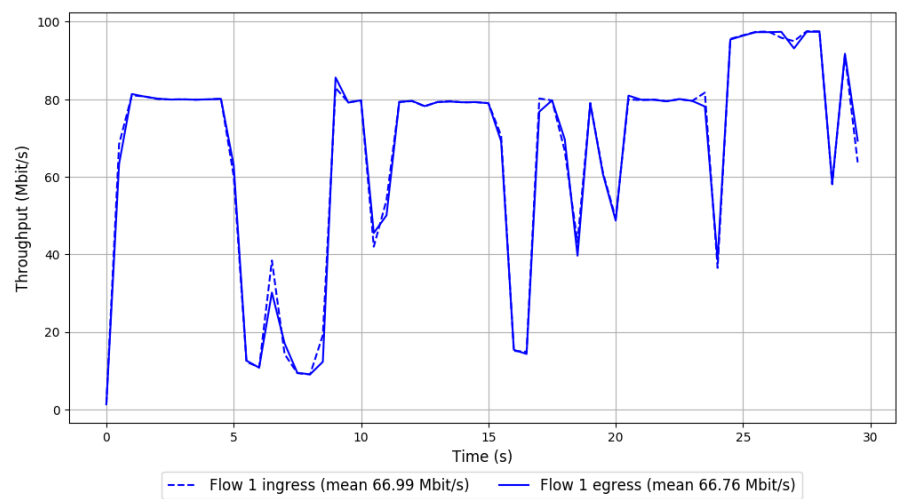
-- Flow 1:

Average throughput: 66.76 Mbit/s

95th percentile per-packet one-way delay: 36.201 ms

Loss rate: 0.34%

Run 2: Report of QUIC Cubic — Data Link

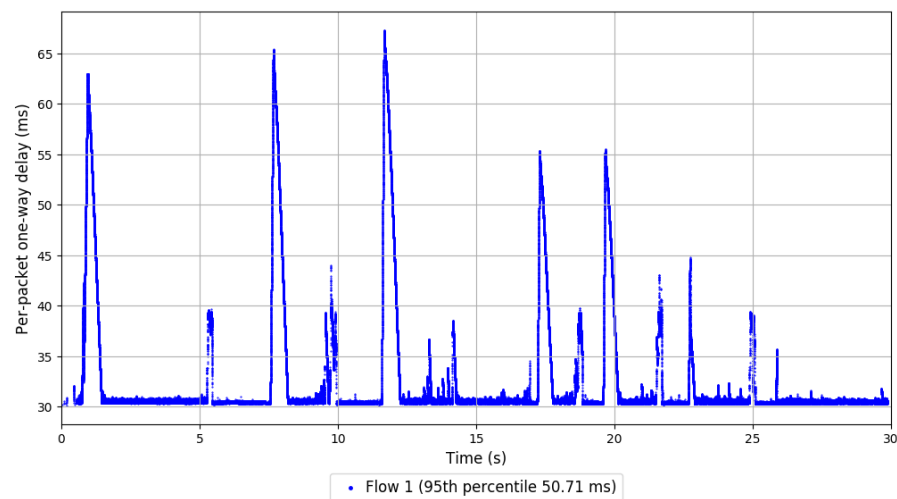
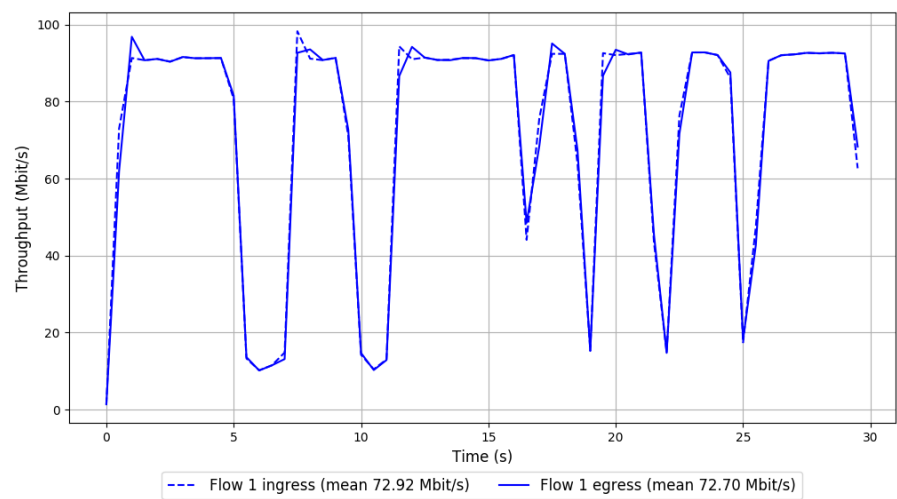


Run 3: Statistics of QUIC Cubic

Start at: 2018-03-20 15:45:01
End at: 2018-03-20 15:45:31
Local clock offset: -0.707 ms
Remote clock offset: -3.441 ms

Below is generated by plot.py at 2018-03-20 19:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 50.710 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 50.710 ms
Loss rate: 0.30%

Run 3: Report of QUIC Cubic — Data Link

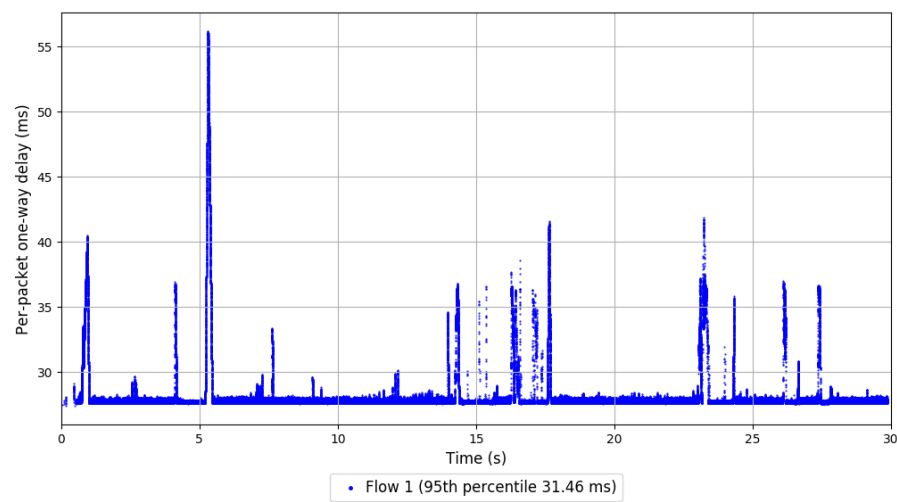
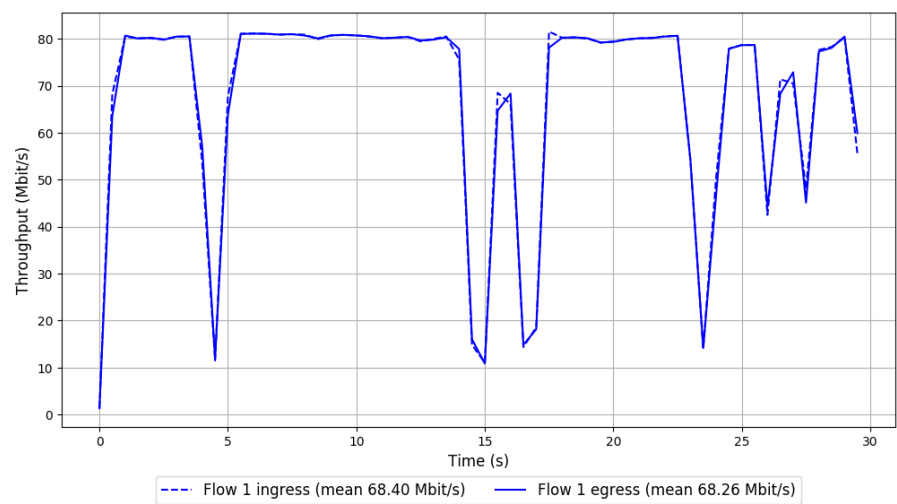


Run 4: Statistics of QUIC Cubic

Start at: 2018-03-20 16:09:37
End at: 2018-03-20 16:10:07
Local clock offset: -0.389 ms
Remote clock offset: -3.793 ms

Below is generated by plot.py at 2018-03-20 19:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.26 Mbit/s
95th percentile per-packet one-way delay: 31.461 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 68.26 Mbit/s
95th percentile per-packet one-way delay: 31.461 ms
Loss rate: 0.20%

Run 4: Report of QUIC Cubic — Data Link

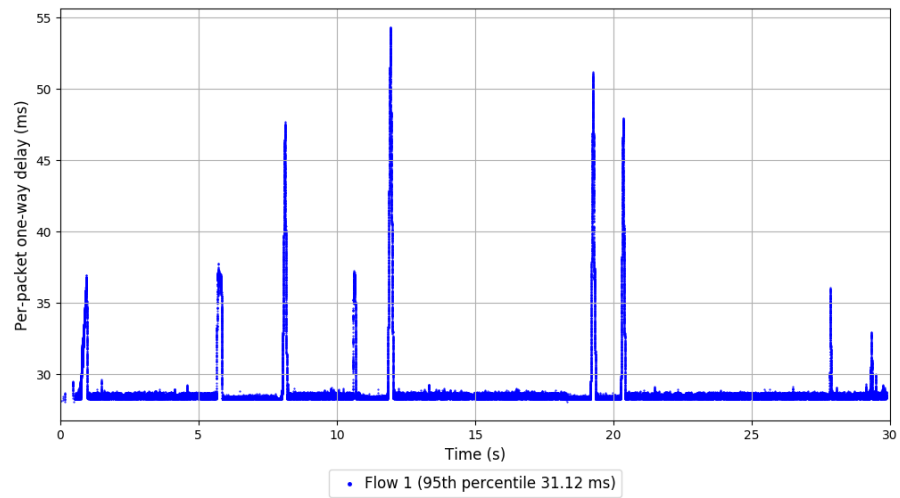
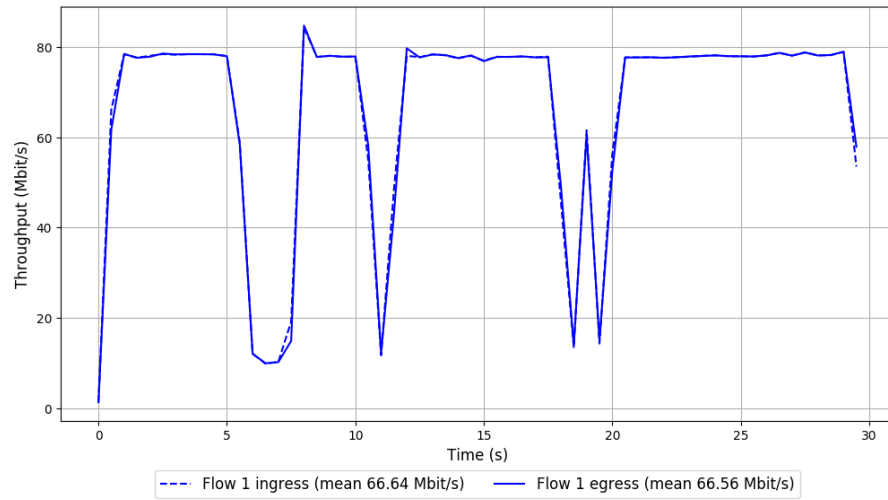


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-20 16:33:55
End at: 2018-03-20 16:34:25
Local clock offset: -0.034 ms
Remote clock offset: -3.116 ms

Below is generated by plot.py at 2018-03-20 19:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.56 Mbit/s
95th percentile per-packet one-way delay: 31.116 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 66.56 Mbit/s
95th percentile per-packet one-way delay: 31.116 ms
Loss rate: 0.13%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-20 16:58:28

End at: 2018-03-20 16:58:58

Local clock offset: 0.27 ms

Remote clock offset: -2.973 ms

Below is generated by plot.py at 2018-03-20 19:25:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.68 Mbit/s

95th percentile per-packet one-way delay: 44.419 ms

Loss rate: 0.16%

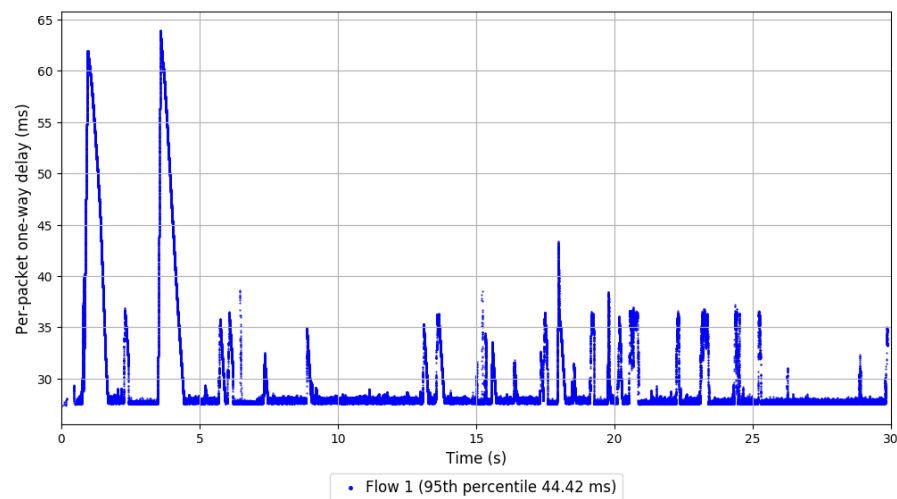
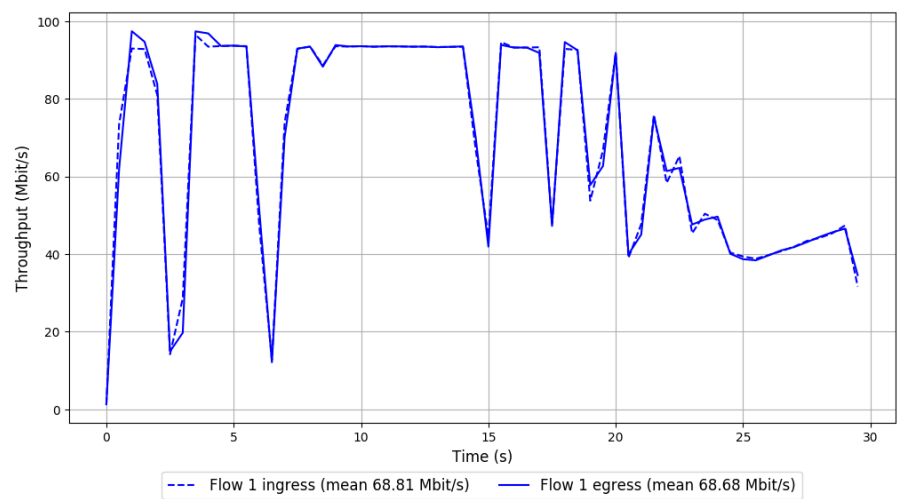
-- Flow 1:

Average throughput: 68.68 Mbit/s

95th percentile per-packet one-way delay: 44.419 ms

Loss rate: 0.16%

Run 6: Report of QUIC Cubic — Data Link

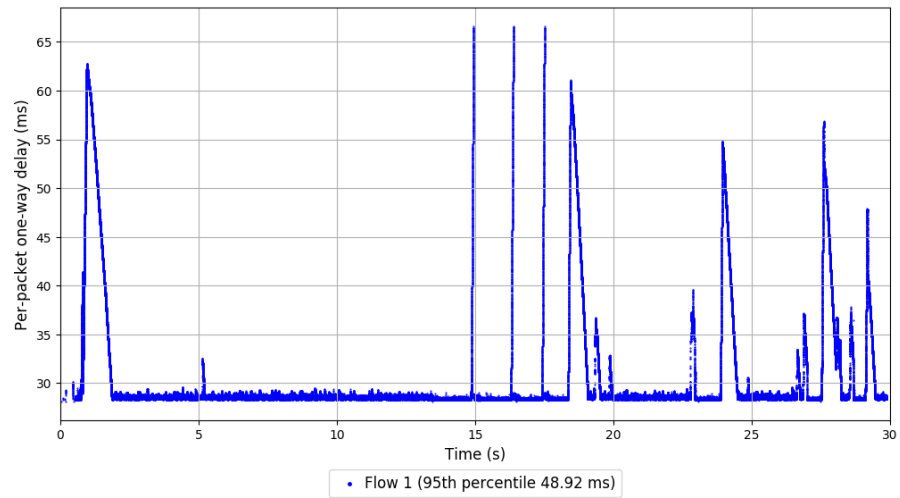
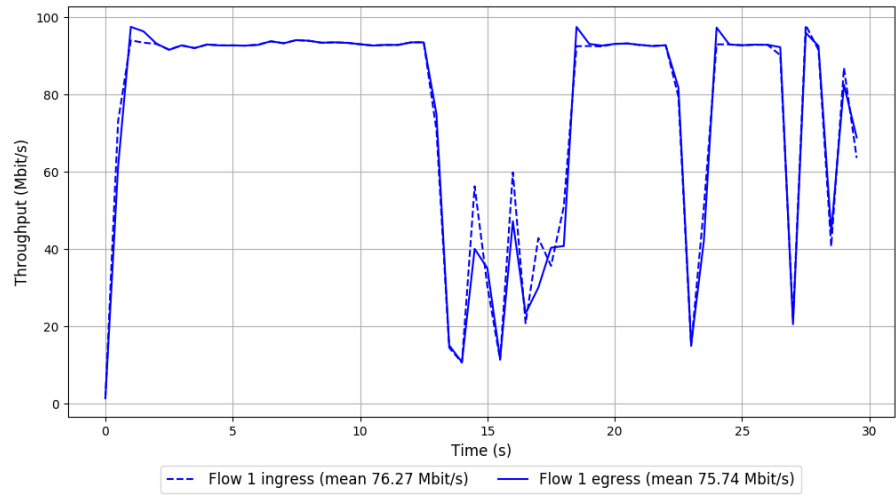


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-20 17:22:57
End at: 2018-03-20 17:23:27
Local clock offset: -0.443 ms
Remote clock offset: -2.873 ms

Below is generated by plot.py at 2018-03-20 19:25:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.74 Mbit/s
95th percentile per-packet one-way delay: 48.924 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 75.74 Mbit/s
95th percentile per-packet one-way delay: 48.924 ms
Loss rate: 0.69%

Run 7: Report of QUIC Cubic — Data Link

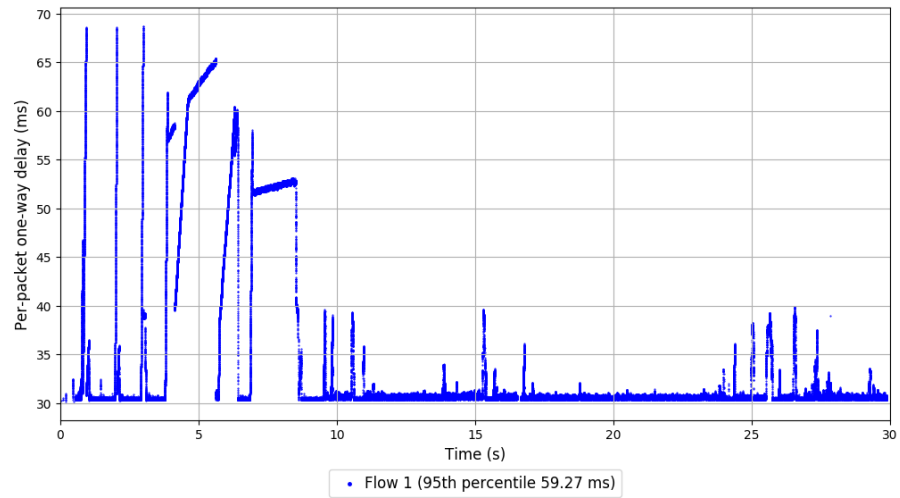
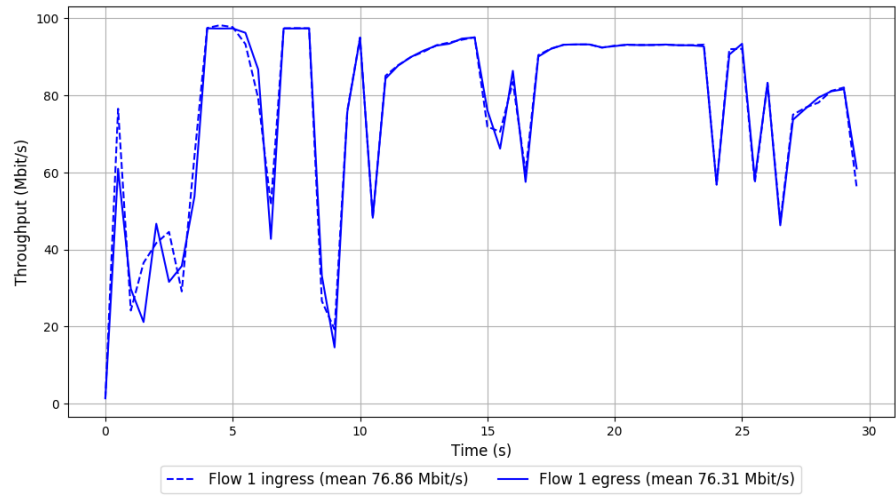


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-20 17:47:19
End at: 2018-03-20 17:47:49
Local clock offset: -0.114 ms
Remote clock offset: -0.872 ms

Below is generated by plot.py at 2018-03-20 19:26:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 59.272 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 76.31 Mbit/s
95th percentile per-packet one-way delay: 59.272 ms
Loss rate: 0.72%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-20 18:11:43

End at: 2018-03-20 18:12:13

Local clock offset: 0.328 ms

Remote clock offset: -3.615 ms

Below is generated by plot.py at 2018-03-20 19:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 42.357 ms

Loss rate: 0.88%

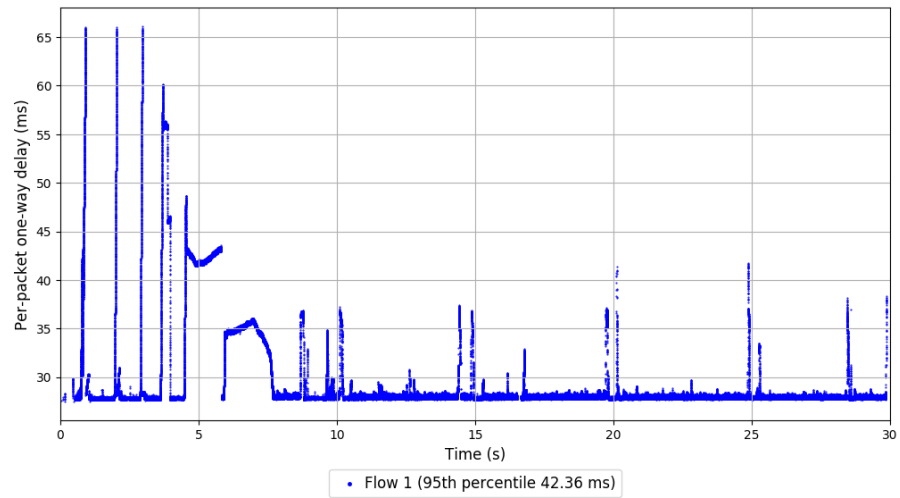
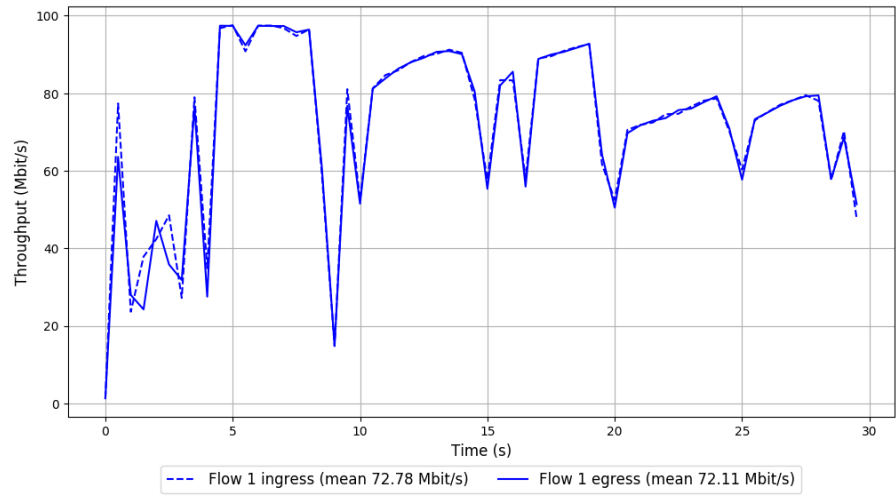
-- Flow 1:

Average throughput: 72.11 Mbit/s

95th percentile per-packet one-way delay: 42.357 ms

Loss rate: 0.88%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-20 18:36:13

End at: 2018-03-20 18:36:43

Local clock offset: 0.139 ms

Remote clock offset: -3.835 ms

Below is generated by plot.py at 2018-03-20 19:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.05 Mbit/s

95th percentile per-packet one-way delay: 58.397 ms

Loss rate: 0.38%

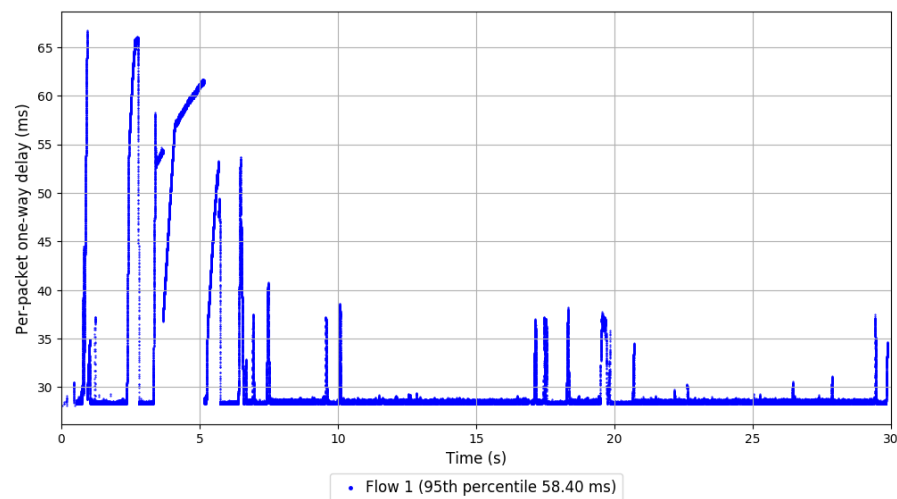
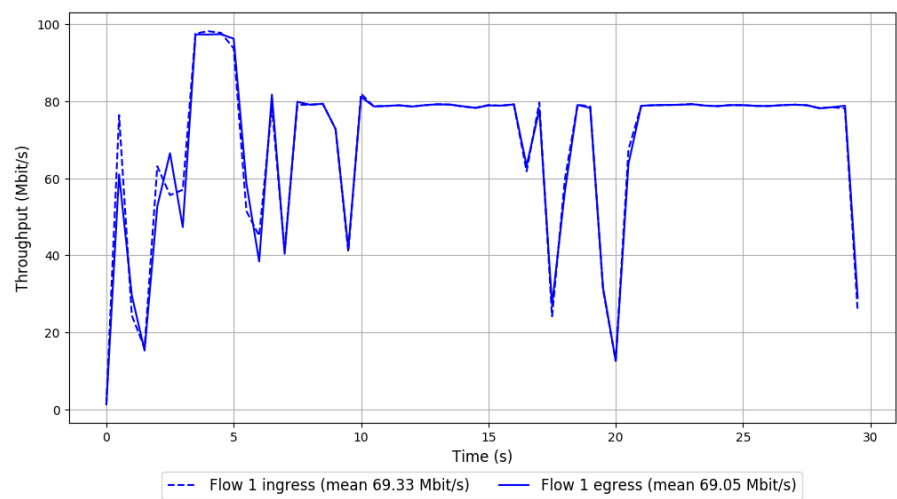
-- Flow 1:

Average throughput: 69.05 Mbit/s

95th percentile per-packet one-way delay: 58.397 ms

Loss rate: 0.38%

Run 10: Report of QUIC Cubic — Data Link

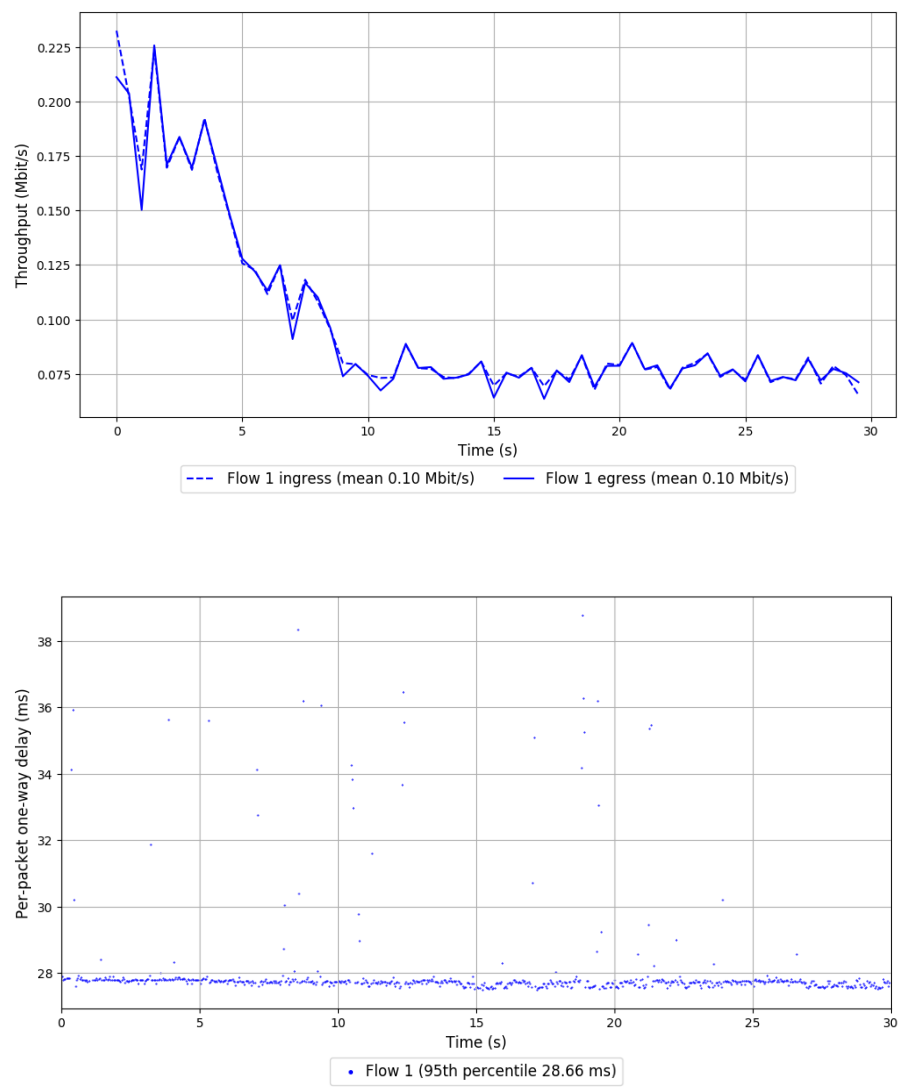


Run 1: Statistics of SCReAM

Start at: 2018-03-20 15:09:52
End at: 2018-03-20 15:10:23
Local clock offset: -0.38 ms
Remote clock offset: -4.318 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 28.657 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 28.657 ms
Loss rate: 0.91%

Run 1: Report of SReAM — Data Link

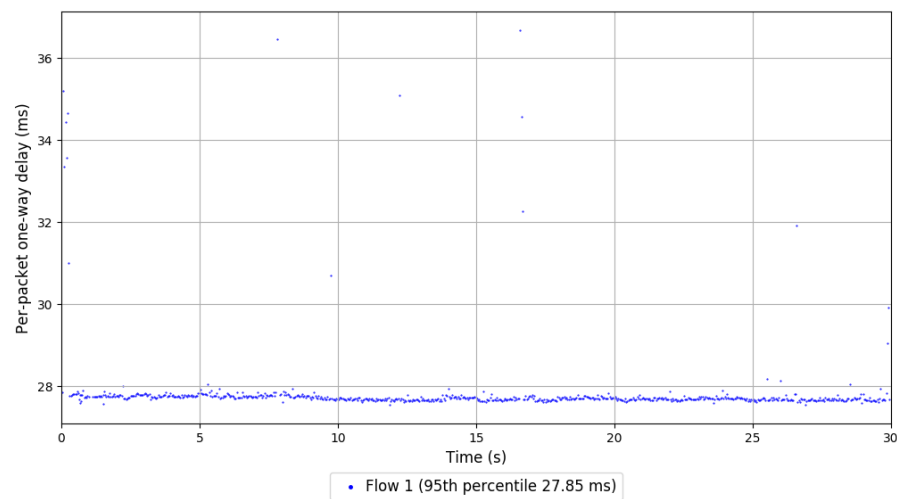
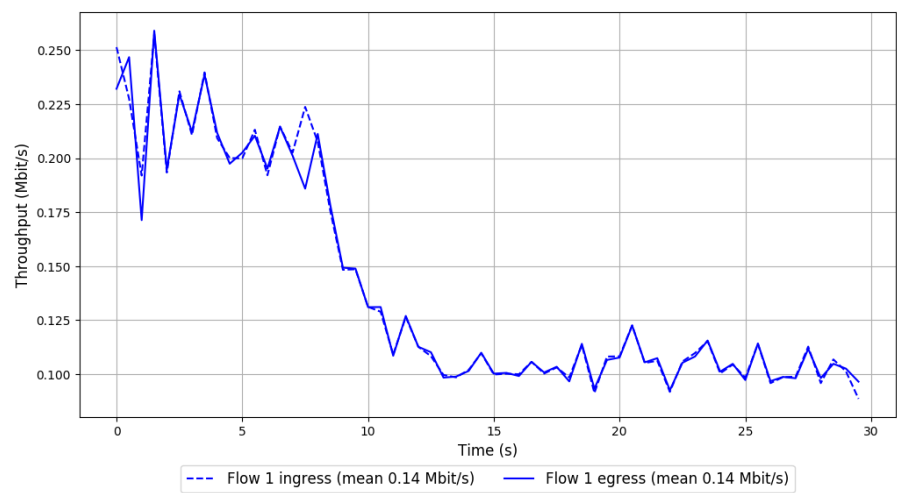


Run 2: Statistics of SCReAM

Start at: 2018-03-20 15:34:10
End at: 2018-03-20 15:34:40
Local clock offset: -0.595 ms
Remote clock offset: -5.382 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 27.852 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 27.852 ms
Loss rate: 0.43%

Run 2: Report of SReAM — Data Link

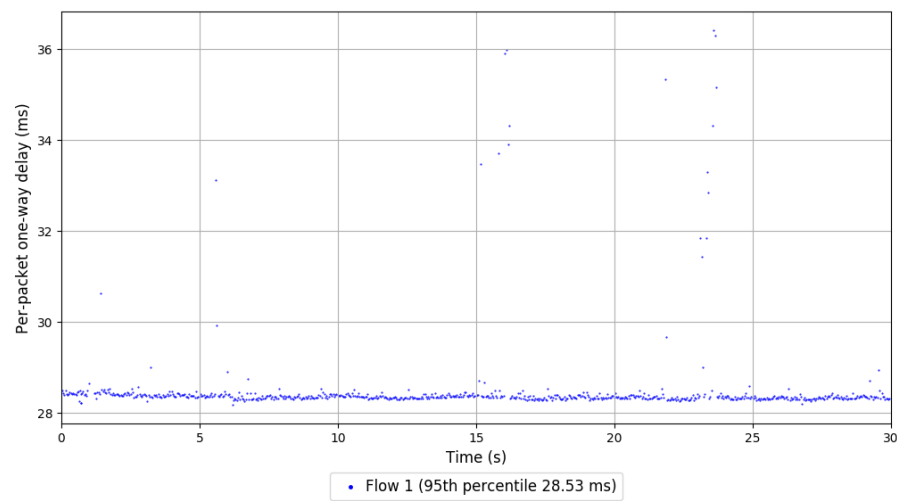
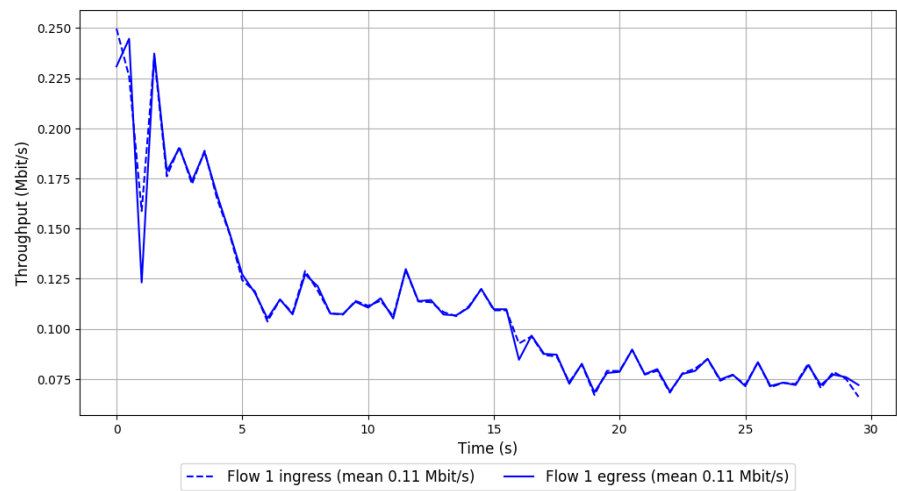


Run 3: Statistics of SCReAM

Start at: 2018-03-20 15:58:29
End at: 2018-03-20 15:58:59
Local clock offset: -0.654 ms
Remote clock offset: -4.148 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 28.530 ms
Loss rate: 0.38%

Run 3: Report of SCRaM — Data Link

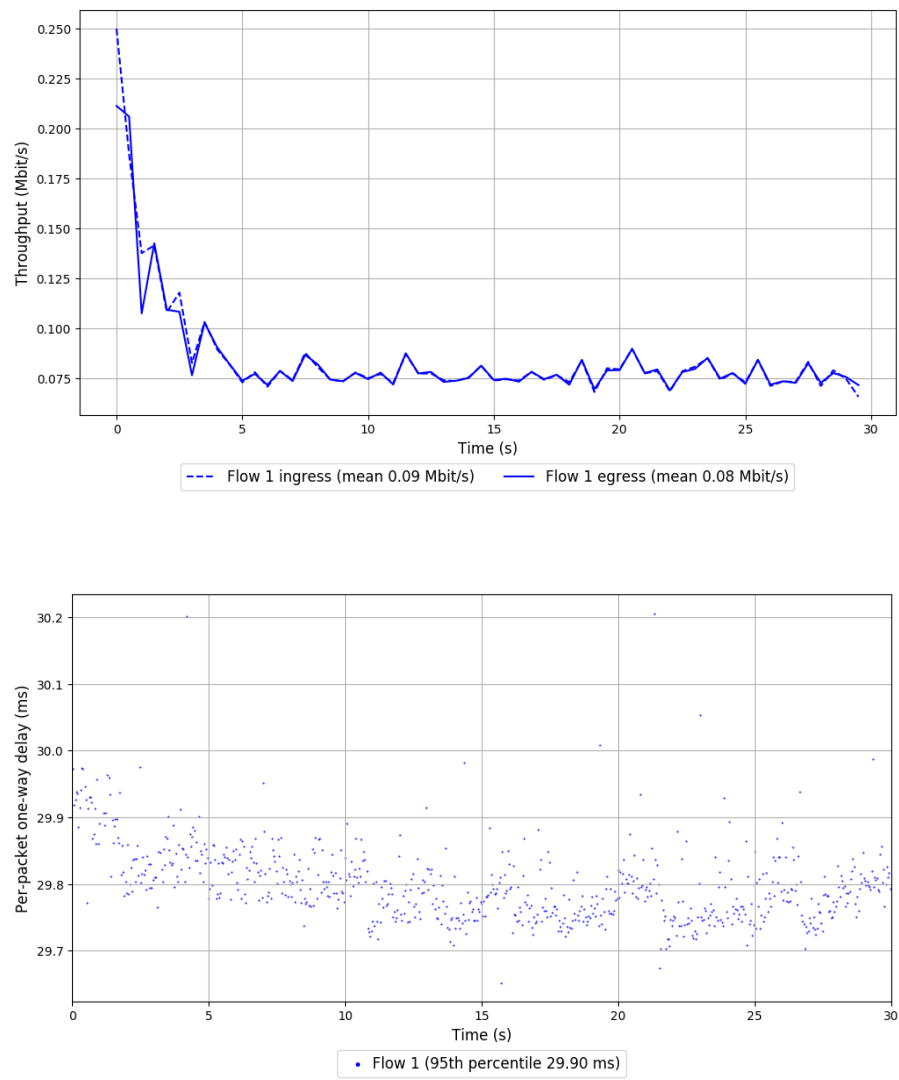


Run 4: Statistics of SCReAM

Start at: 2018-03-20 16:23:03
End at: 2018-03-20 16:23:33
Local clock offset: -0.25 ms
Remote clock offset: -1.324 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 29.902 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 29.902 ms
Loss rate: 1.09%

Run 4: Report of SReAM — Data Link

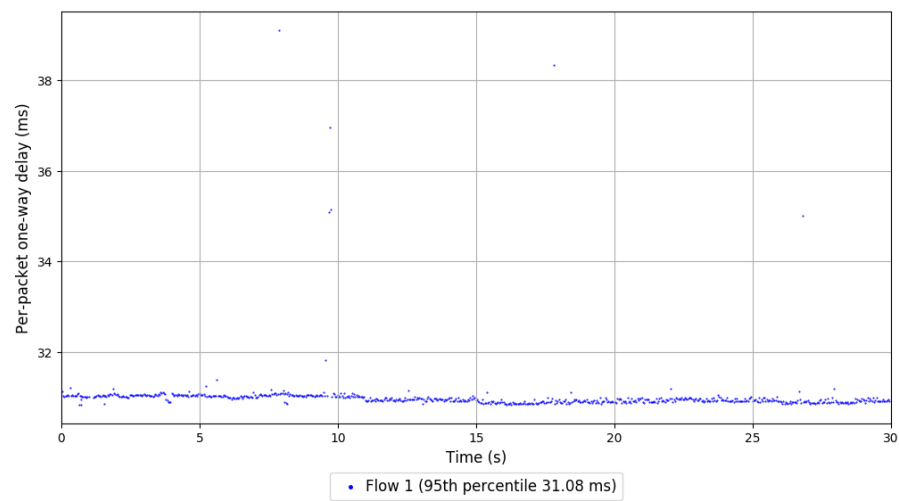
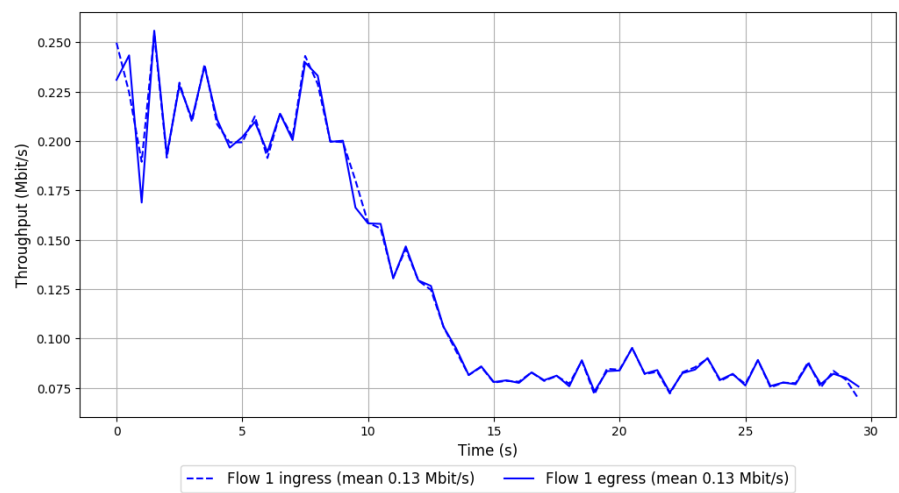


Run 5: Statistics of SCReAM

Start at: 2018-03-20 16:47:21
End at: 2018-03-20 16:47:51
Local clock offset: 0.118 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 31.081 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 31.081 ms
Loss rate: 0.20%

Run 5: Report of SReAM — Data Link

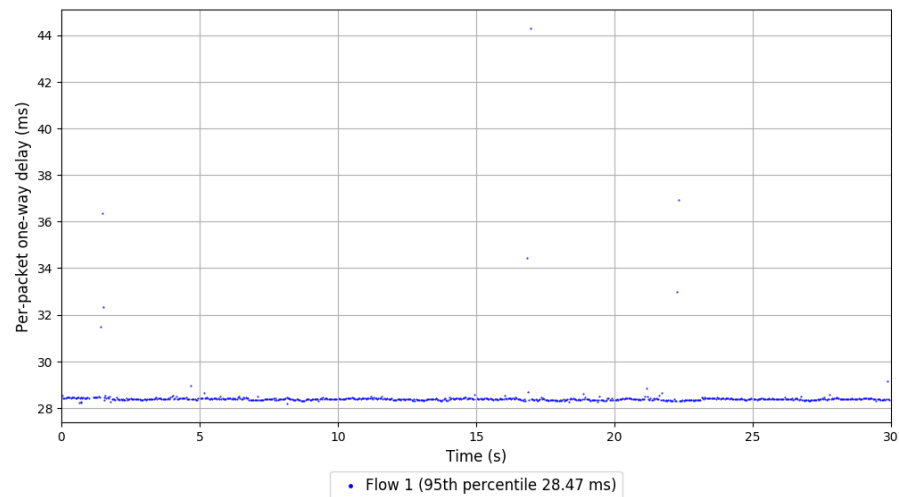
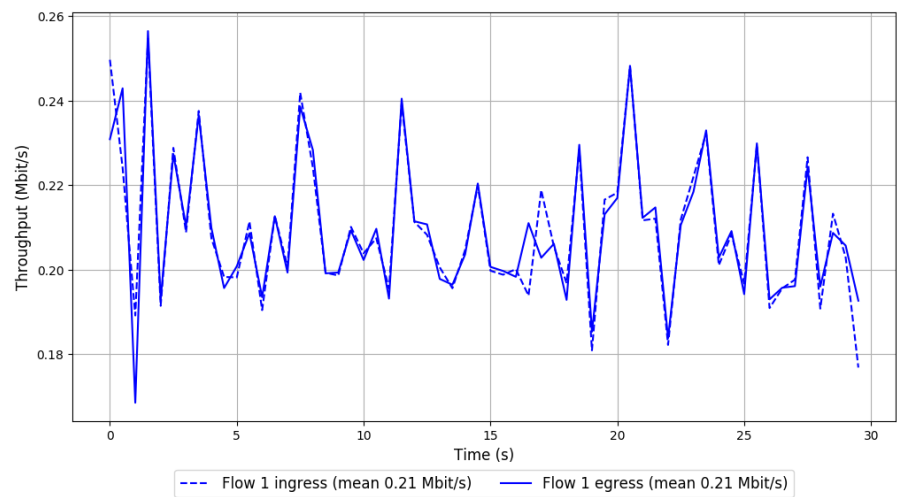


Run 6: Statistics of SCReAM

Start at: 2018-03-20 17:11:56
End at: 2018-03-20 17:12:26
Local clock offset: -0.083 ms
Remote clock offset: -3.093 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.472 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.472 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-03-20 17:36:20

End at: 2018-03-20 17:36:50

Local clock offset: -0.654 ms

Remote clock offset: -0.47 ms

Below is generated by plot.py at 2018-03-20 19:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 31.696 ms

Loss rate: 0.00%

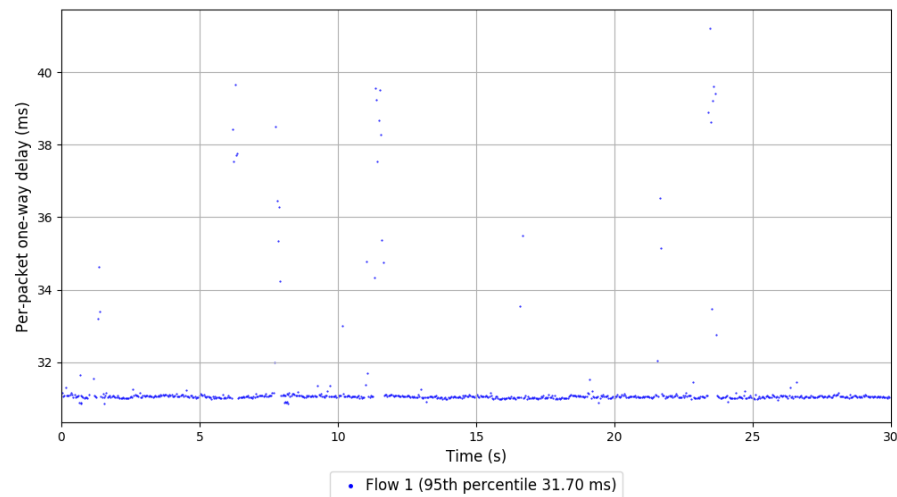
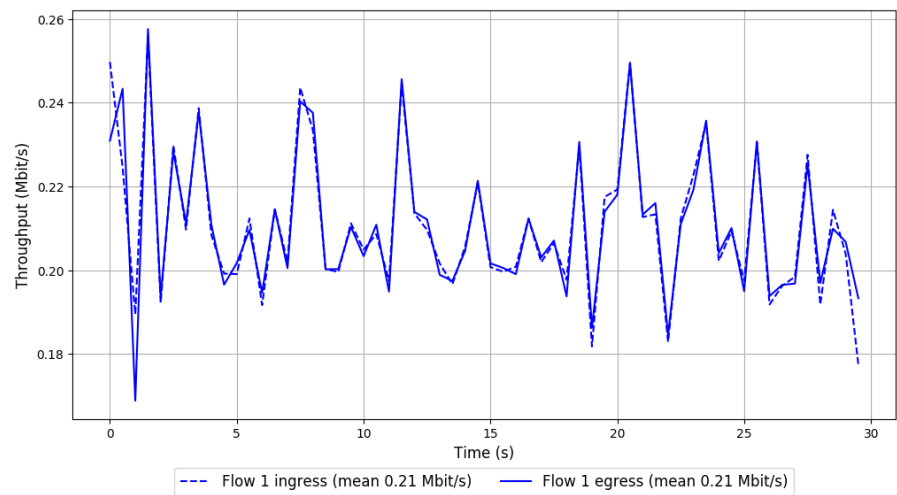
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 31.696 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

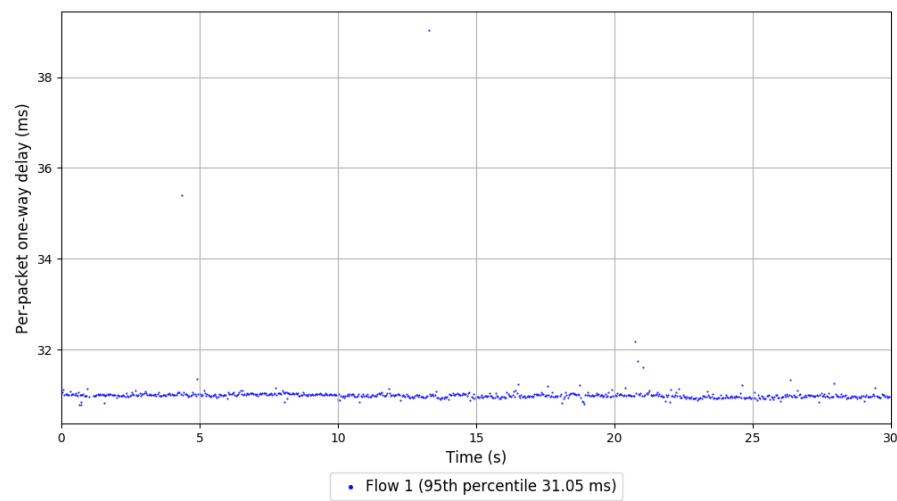
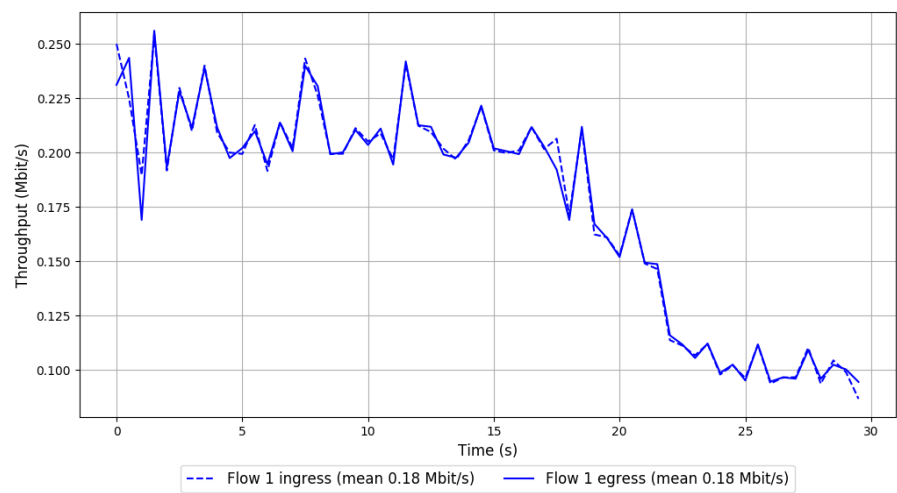


Run 8: Statistics of SCReAM

Start at: 2018-03-20 18:00:36
End at: 2018-03-20 18:01:06
Local clock offset: 0.282 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 31.052 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 31.052 ms
Loss rate: 0.14%

Run 8: Report of SReAM — Data Link

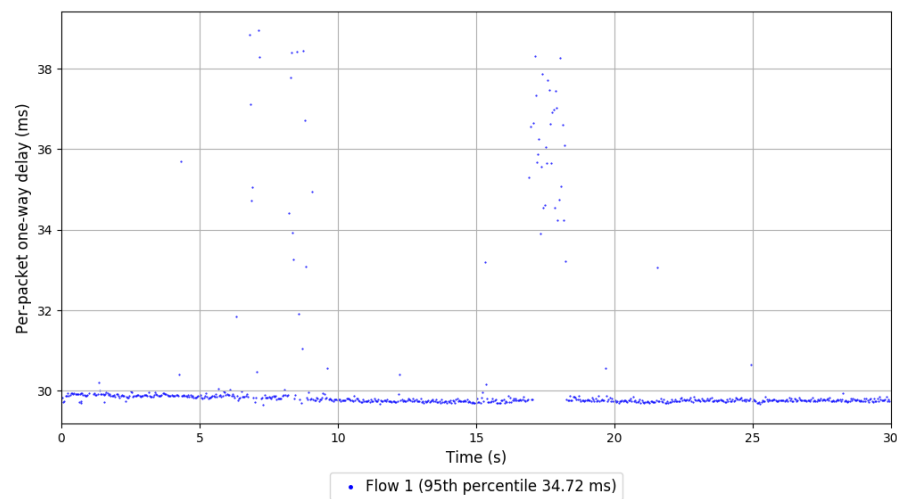
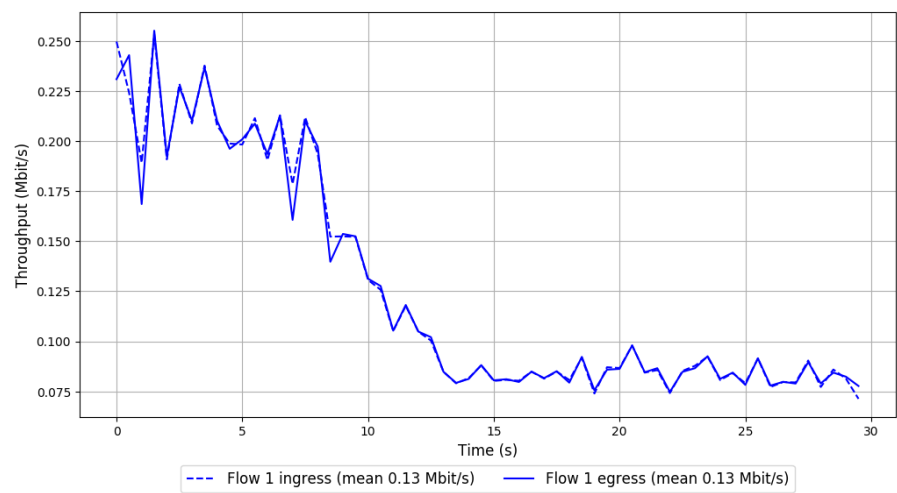


Run 9: Statistics of SCReAM

Start at: 2018-03-20 18:25:02
End at: 2018-03-20 18:25:32
Local clock offset: 0.134 ms
Remote clock offset: -1.833 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 34.723 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 34.723 ms
Loss rate: 0.42%

Run 9: Report of SReAM — Data Link

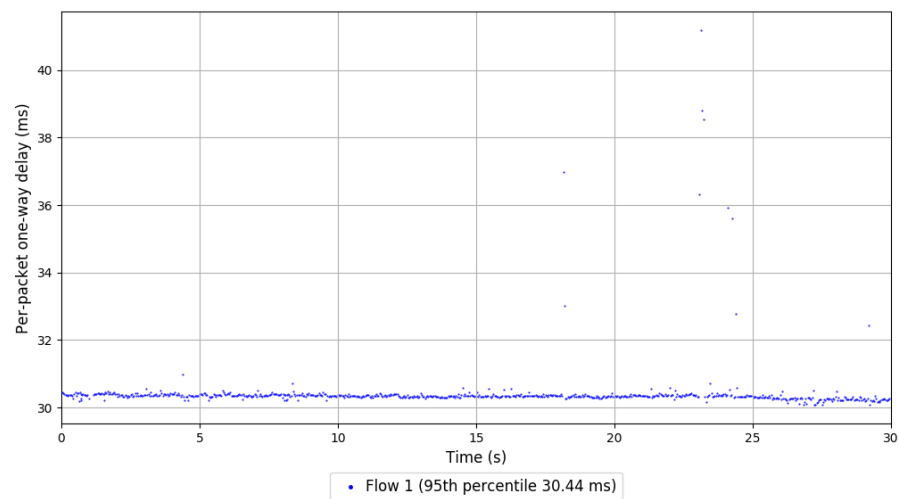
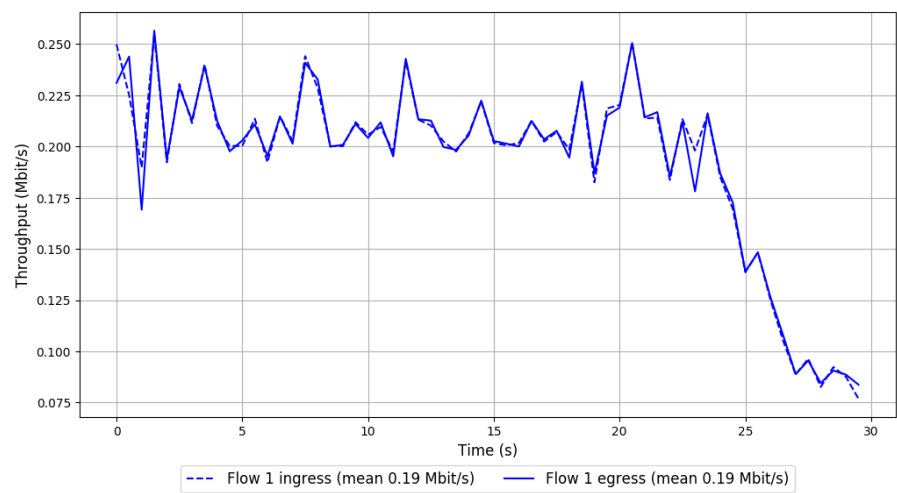


Run 10: Statistics of SReAM

Start at: 2018-03-20 18:49:37
End at: 2018-03-20 18:50:07
Local clock offset: 0.076 ms
Remote clock offset: -1.026 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 30.441 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 30.441 ms
Loss rate: 0.15%

Run 10: Report of SReAM — Data Link

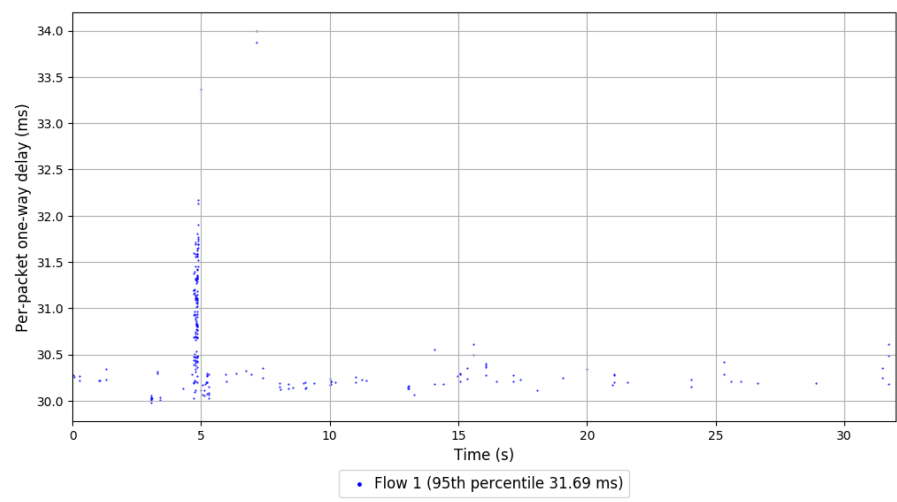
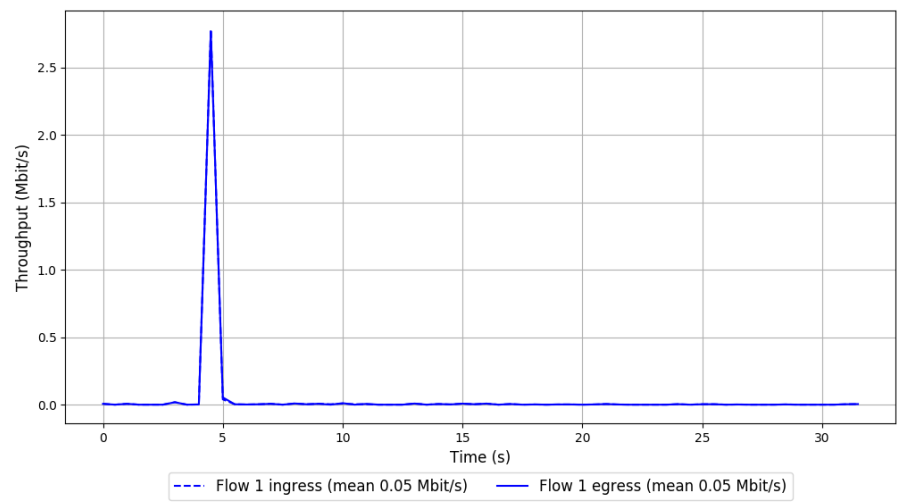


Run 1: Statistics of WebRTC media

Start at: 2018-03-20 15:08:36
End at: 2018-03-20 15:09:06
Local clock offset: -0.415 ms
Remote clock offset: -1.778 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.690 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

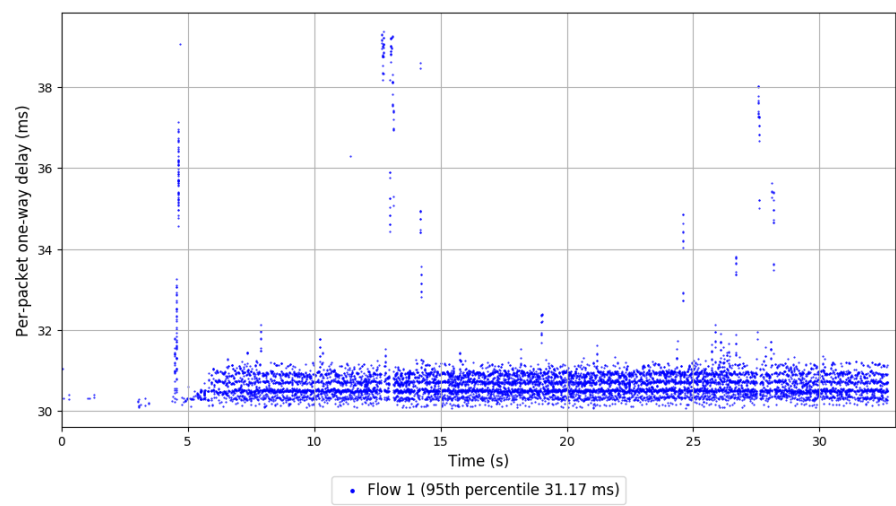
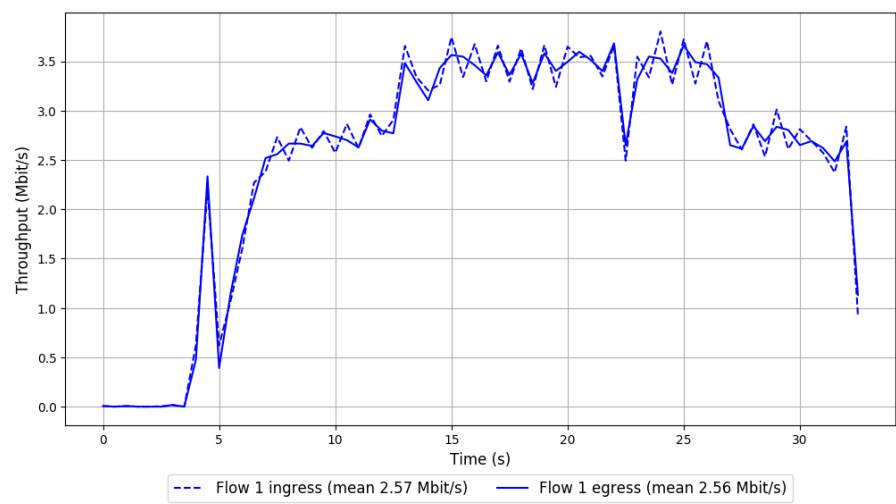


Run 2: Statistics of WebRTC media

Start at: 2018-03-20 15:32:53
End at: 2018-03-20 15:33:23
Local clock offset: -0.484 ms
Remote clock offset: -3.249 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 31.174 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 31.174 ms
Loss rate: 0.25%

Run 2: Report of WebRTC media — Data Link

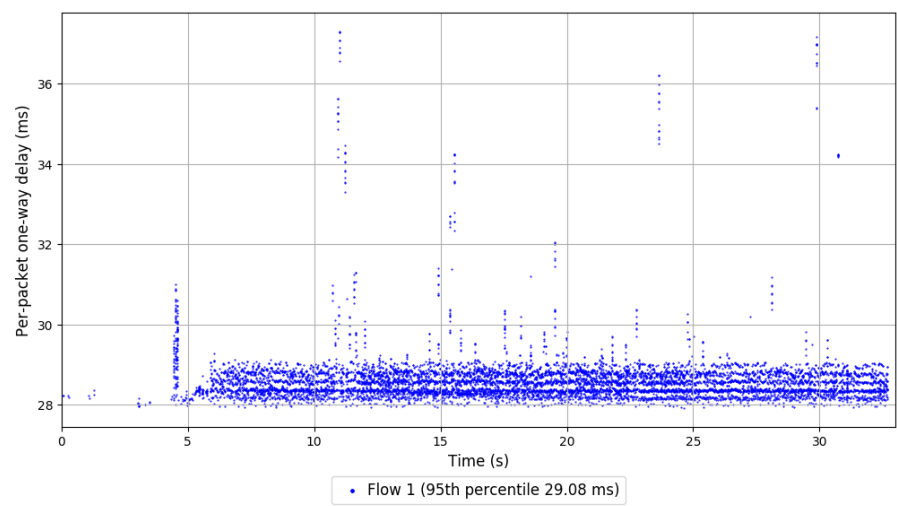
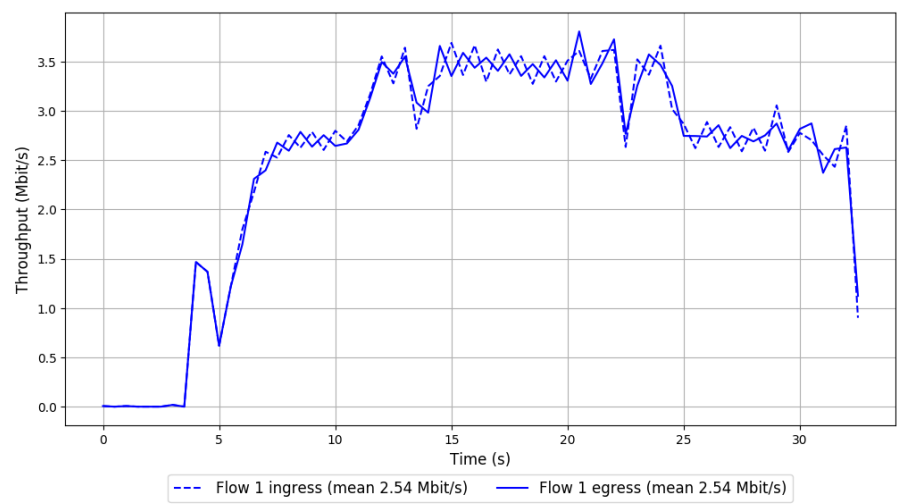


Run 3: Statistics of WebRTC media

Start at: 2018-03-20 15:57:12
End at: 2018-03-20 15:57:42
Local clock offset: -0.689 ms
Remote clock offset: -4.296 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 29.084 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.54 Mbit/s
95th percentile per-packet one-way delay: 29.084 ms
Loss rate: 0.04%

Run 3: Report of WebRTC media — Data Link

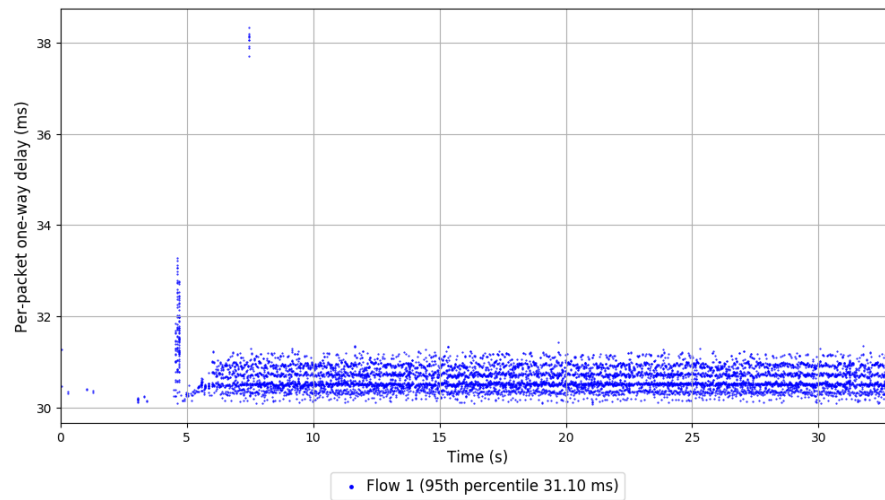
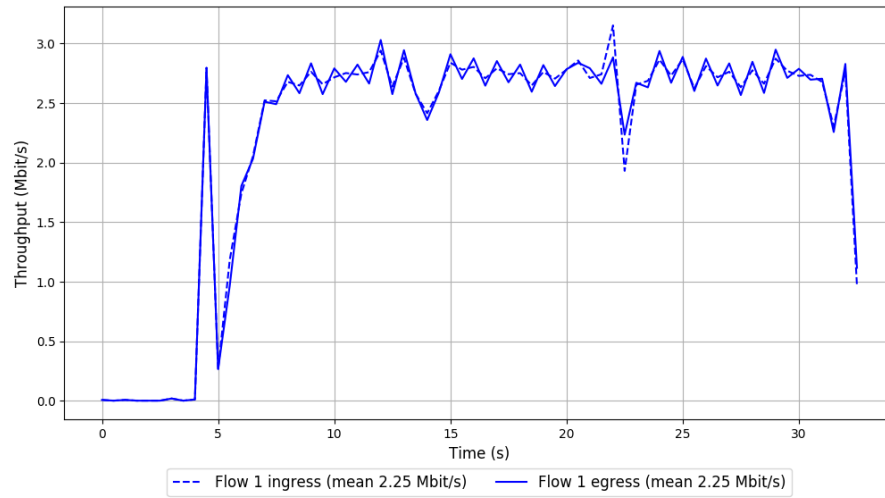


Run 4: Statistics of WebRTC media

Start at: 2018-03-20 16:21:46
End at: 2018-03-20 16:22:16
Local clock offset: -0.159 ms
Remote clock offset: -1.374 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 31.101 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 31.101 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-03-20 16:46:05

End at: 2018-03-20 16:46:35

Local clock offset: 0.098 ms

Remote clock offset: -2.89 ms

Below is generated by plot.py at 2018-03-20 19:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 28.389 ms

Loss rate: 0.00%

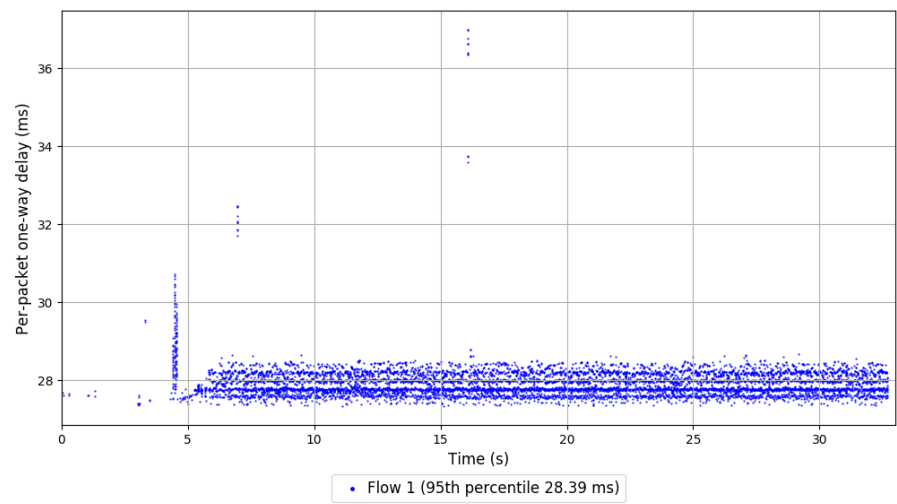
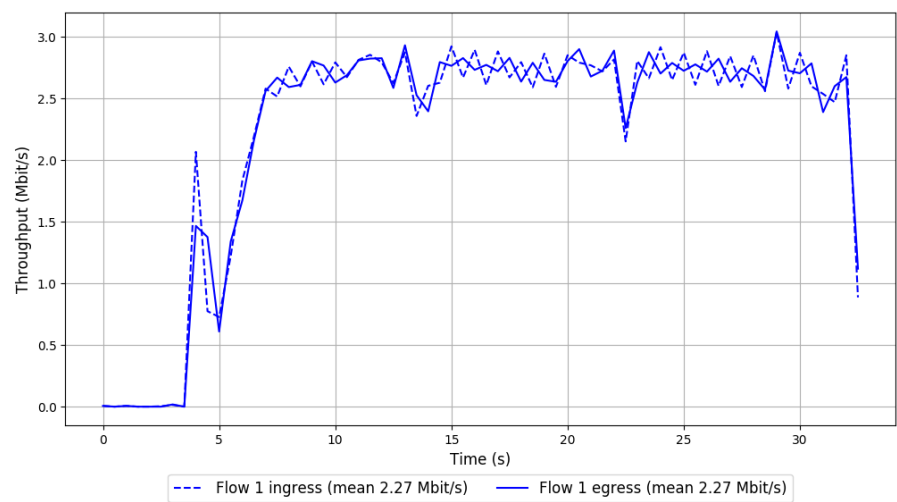
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 28.389 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

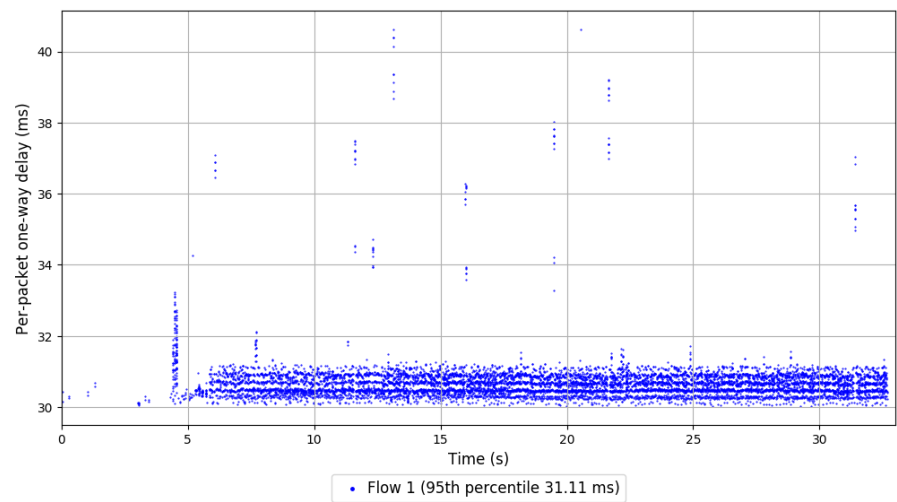
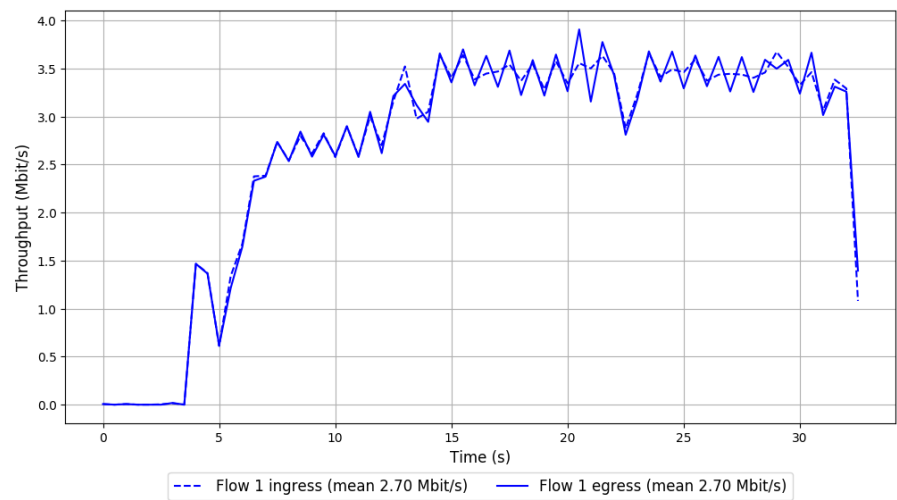


Run 6: Statistics of WebRTC media

Start at: 2018-03-20 17:10:40
End at: 2018-03-20 17:11:10
Local clock offset: 0.003 ms
Remote clock offset: -1.044 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 31.108 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 31.108 ms
Loss rate: 0.04%

Run 6: Report of WebRTC media — Data Link

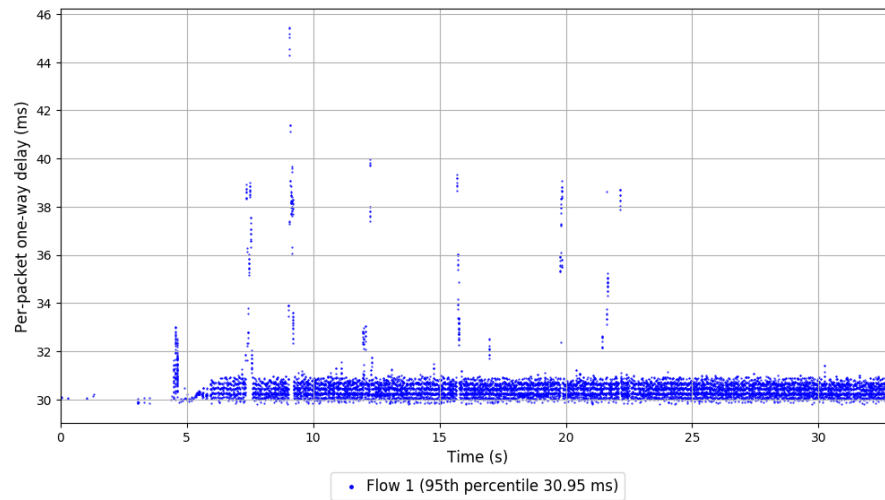
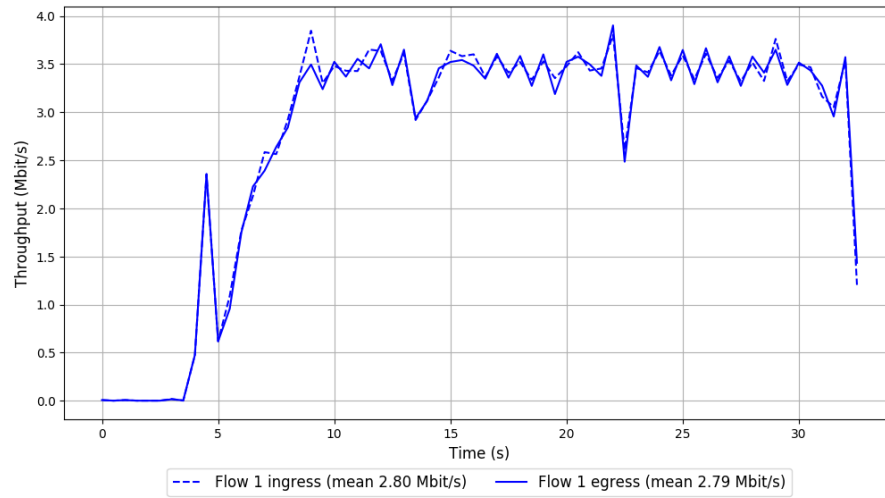


Run 7: Statistics of WebRTC media

Start at: 2018-03-20 17:35:04
End at: 2018-03-20 17:35:34
Local clock offset: -0.578 ms
Remote clock offset: -0.546 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 30.945 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 30.945 ms
Loss rate: 0.46%

Run 7: Report of WebRTC media — Data Link

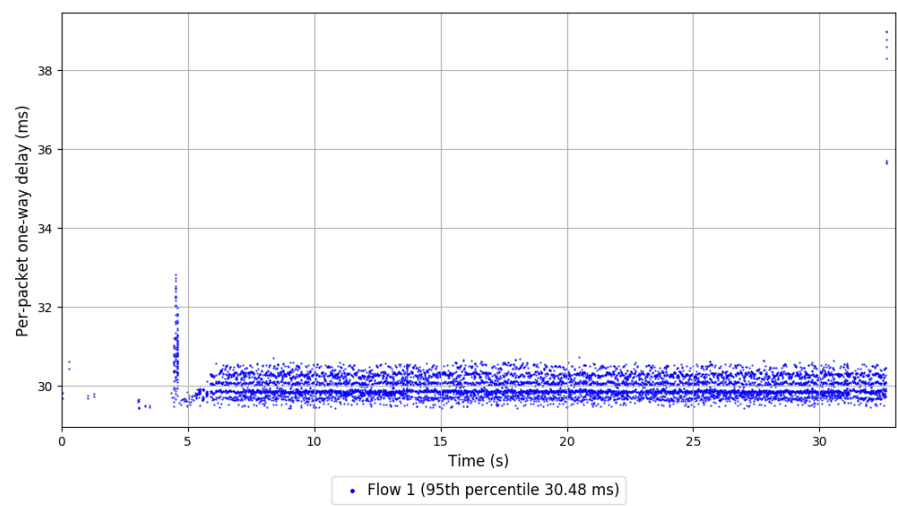
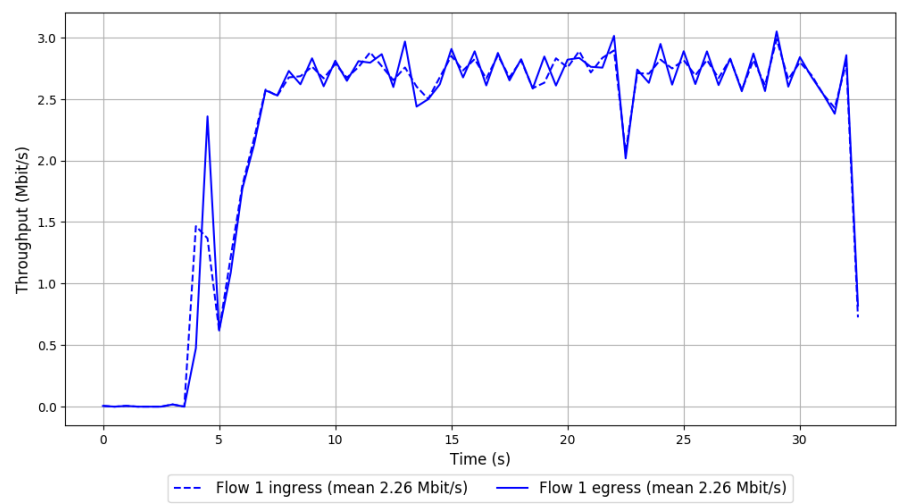


Run 8: Statistics of WebRTC media

Start at: 2018-03-20 17:59:20
End at: 2018-03-20 17:59:50
Local clock offset: 0.246 ms
Remote clock offset: -0.657 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 30.483 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 30.483 ms
Loss rate: 0.05%

Run 8: Report of WebRTC media — Data Link

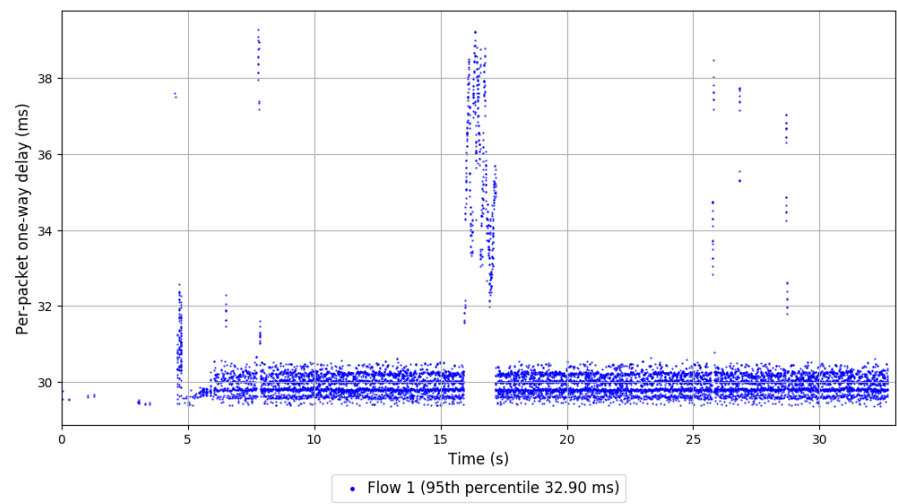
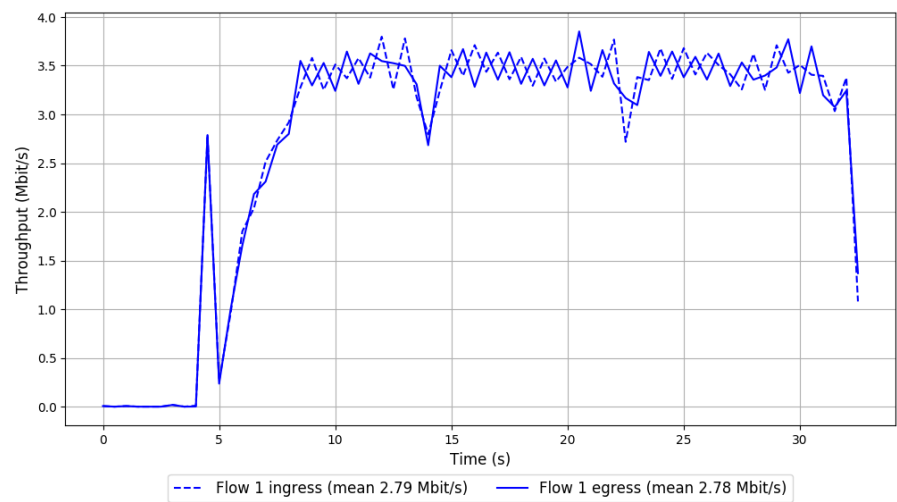


Run 9: Statistics of WebRTC media

Start at: 2018-03-20 18:23:45
End at: 2018-03-20 18:24:15
Local clock offset: 0.235 ms
Remote clock offset: -1.843 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 32.895 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 32.895 ms
Loss rate: 0.25%

Run 9: Report of WebRTC media — Data Link

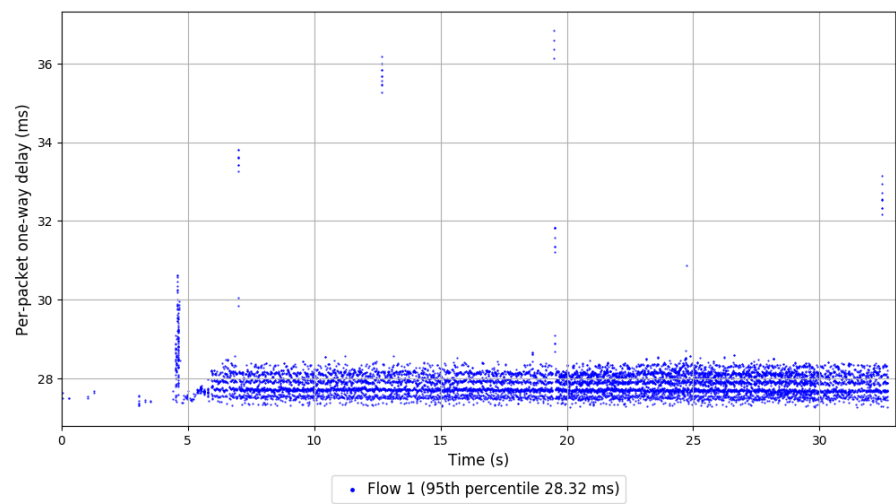
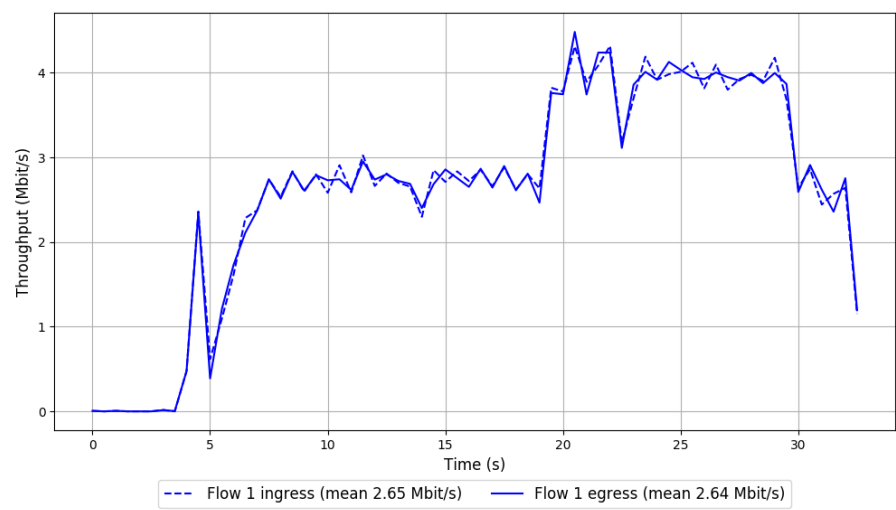


Run 10: Statistics of WebRTC media

Start at: 2018-03-20 18:48:21
End at: 2018-03-20 18:48:51
Local clock offset: 0.249 ms
Remote clock offset: -3.685 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 28.321 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.64 Mbit/s
95th percentile per-packet one-way delay: 28.321 ms
Loss rate: 0.12%

Run 10: Report of WebRTC media — Data Link

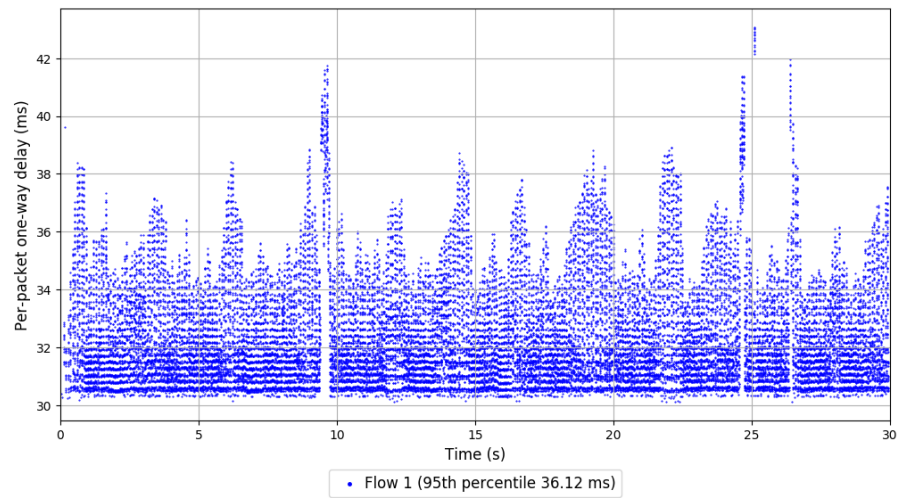
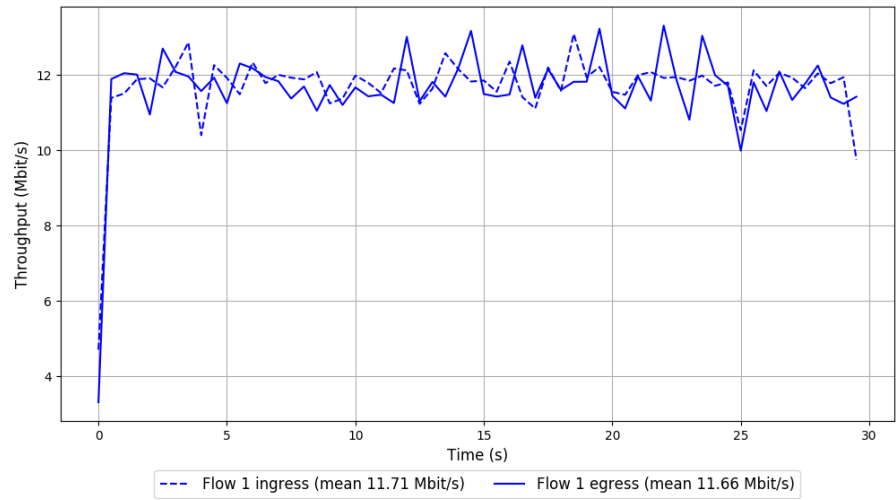


Run 1: Statistics of Sprout

Start at: 2018-03-20 15:07:19
End at: 2018-03-20 15:07:49
Local clock offset: -0.285 ms
Remote clock offset: -2.232 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 36.122 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 36.122 ms
Loss rate: 0.45%

Run 1: Report of Sprout — Data Link

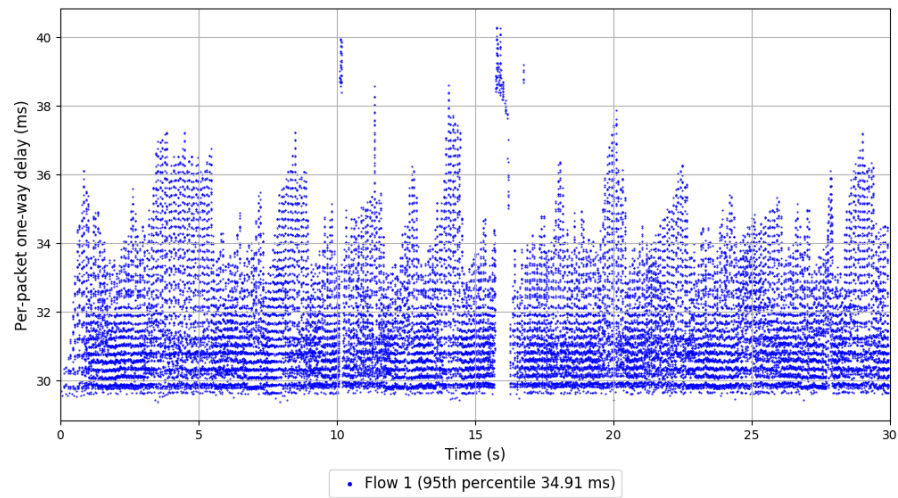
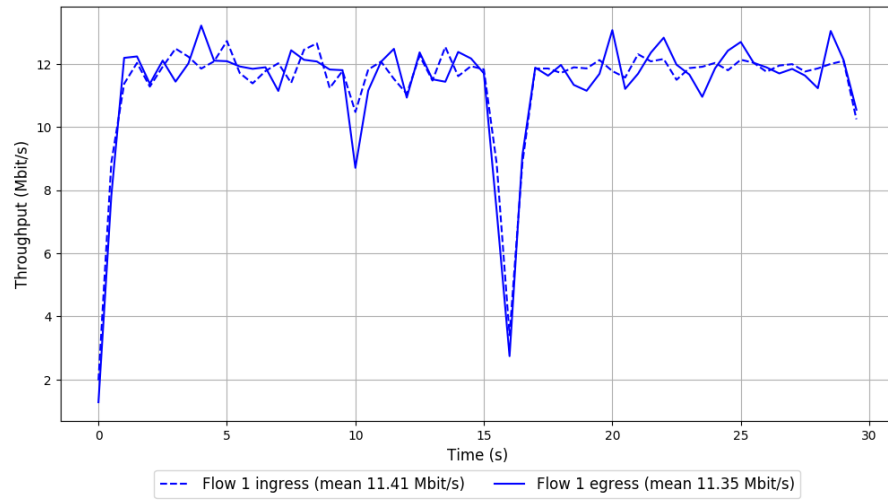


Run 2: Statistics of Sprout

Start at: 2018-03-20 15:31:37
End at: 2018-03-20 15:32:07
Local clock offset: -0.481 ms
Remote clock offset: -3.248 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 34.912 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 11.35 Mbit/s
95th percentile per-packet one-way delay: 34.912 ms
Loss rate: 0.52%

Run 2: Report of Sprout — Data Link

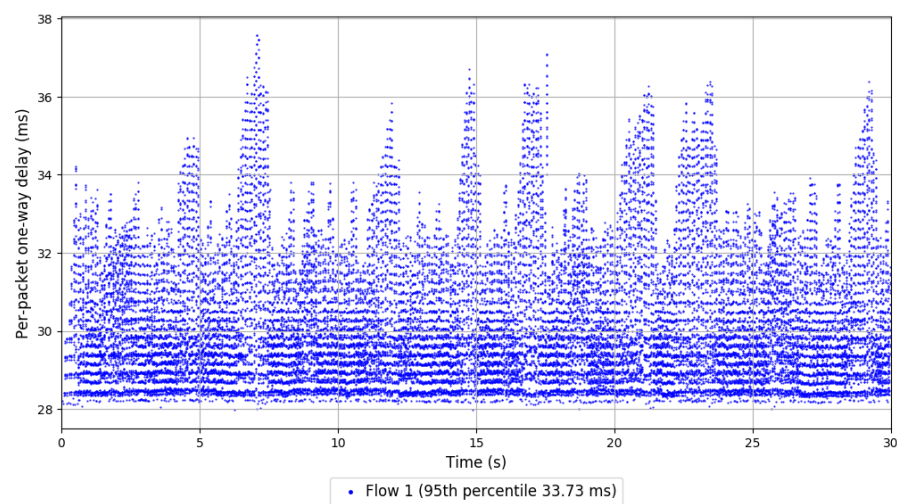
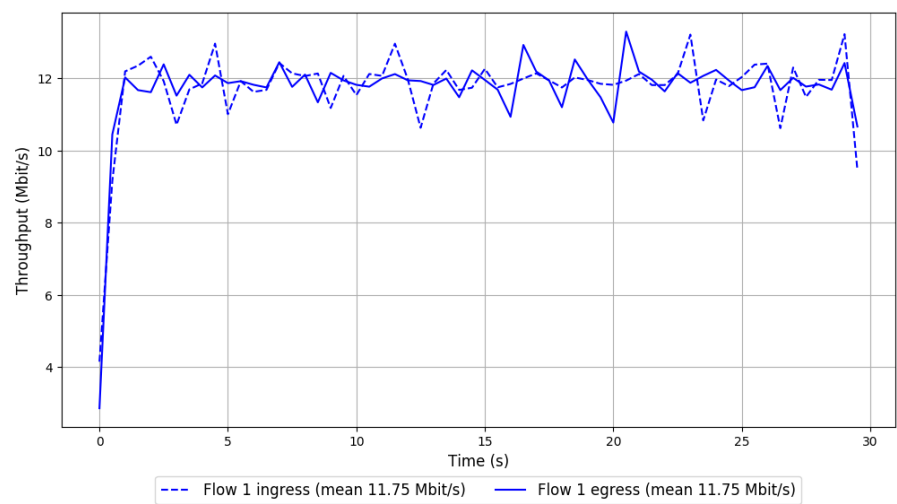


Run 3: Statistics of Sprout

Start at: 2018-03-20 15:55:55
End at: 2018-03-20 15:56:25
Local clock offset: -0.69 ms
Remote clock offset: -4.342 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 33.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.75 Mbit/s
95th percentile per-packet one-way delay: 33.730 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

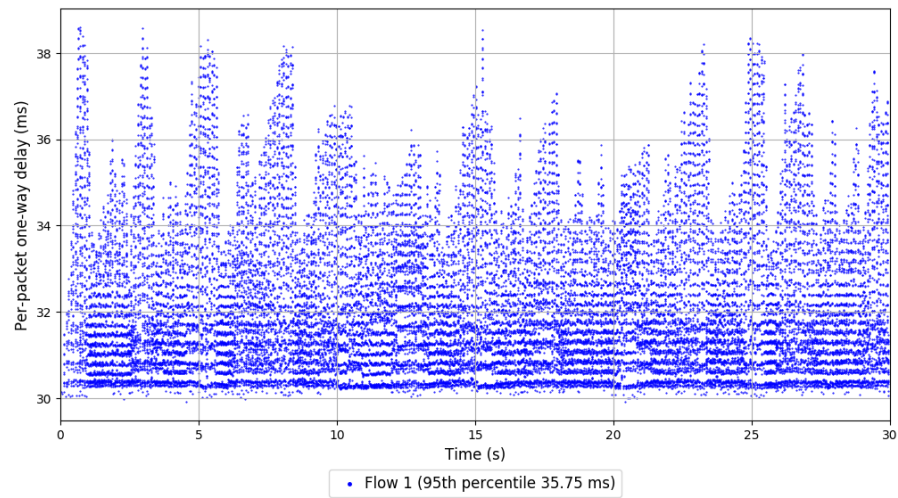
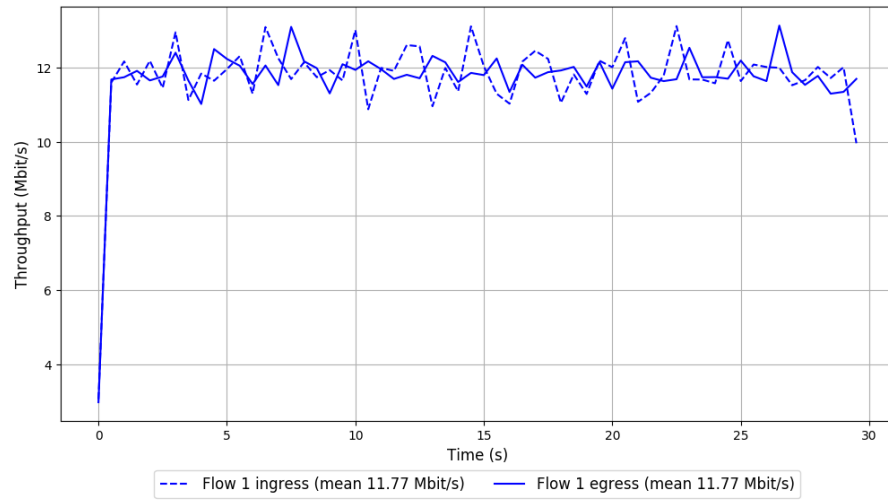


Run 4: Statistics of Sprout

Start at: 2018-03-20 16:20:28
End at: 2018-03-20 16:20:58
Local clock offset: -0.17 ms
Remote clock offset: -0.969 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 35.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 35.751 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

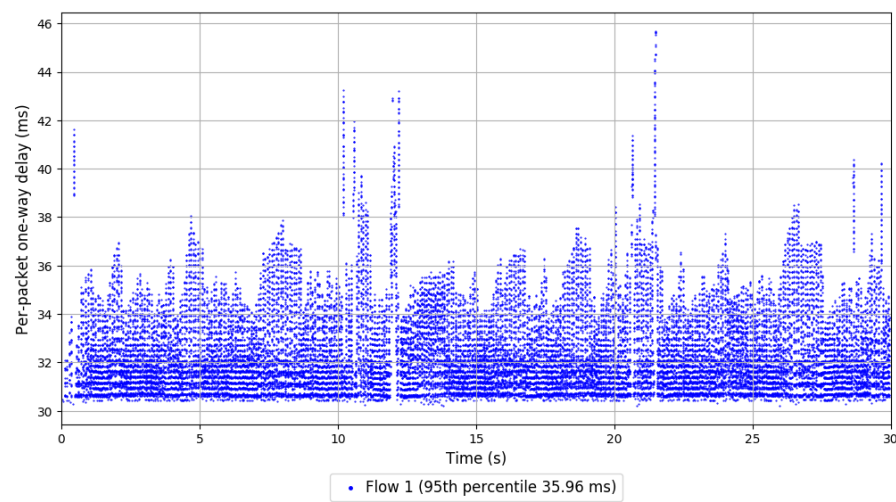
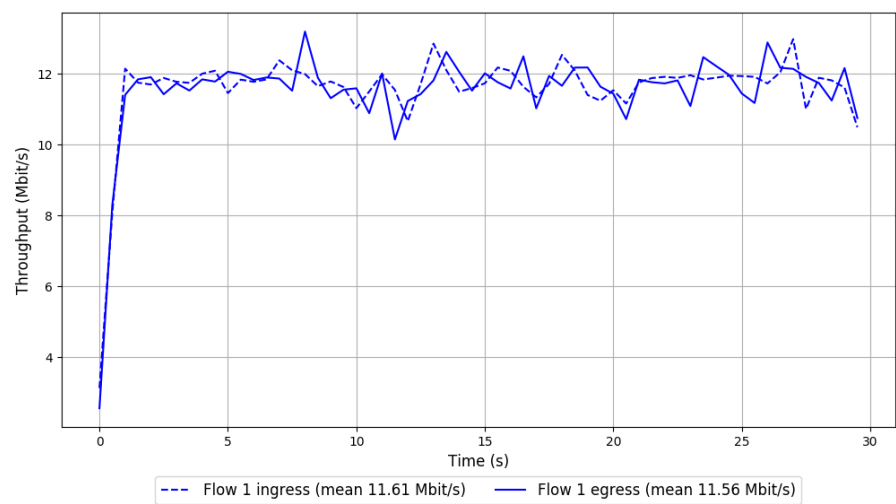


Run 5: Statistics of Sprout

Start at: 2018-03-20 16:44:48
End at: 2018-03-20 16:45:18
Local clock offset: 0.063 ms
Remote clock offset: -0.773 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 35.961 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 35.961 ms
Loss rate: 0.36%

Run 5: Report of Sprout — Data Link

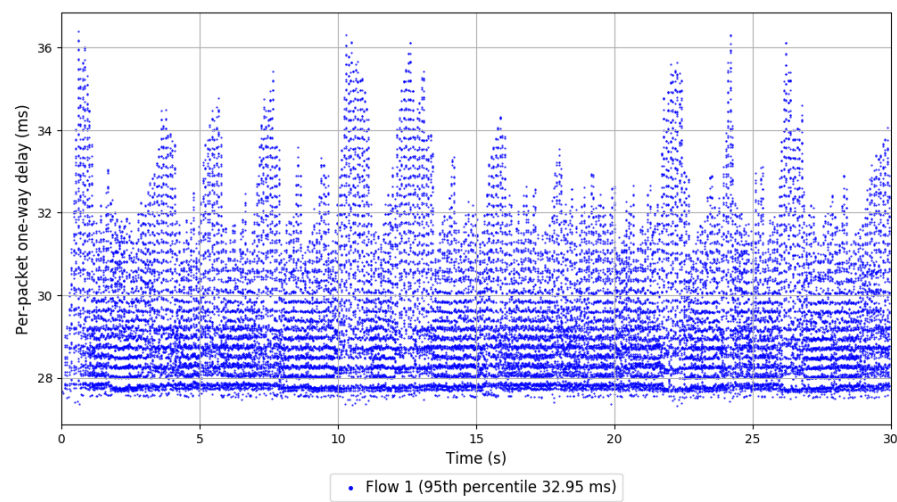
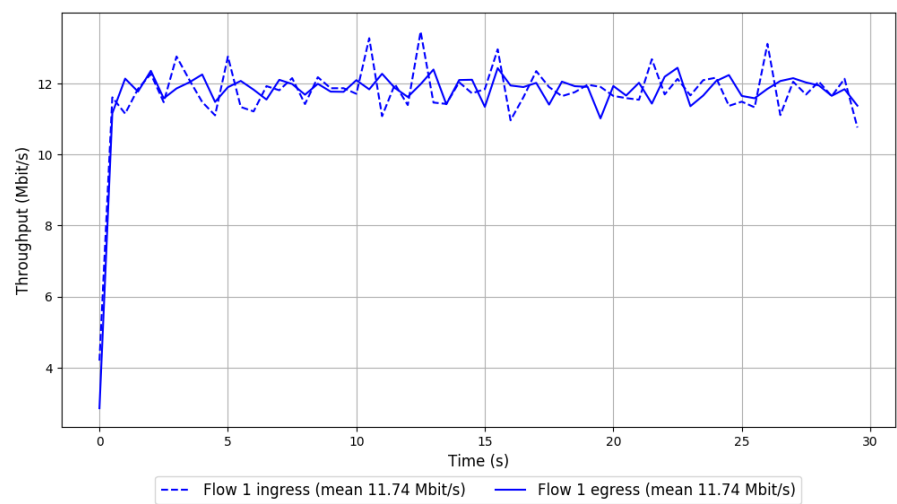


Run 6: Statistics of Sprout

Start at: 2018-03-20 17:09:23
End at: 2018-03-20 17:09:53
Local clock offset: 0.089 ms
Remote clock offset: -3.091 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 32.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 32.954 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

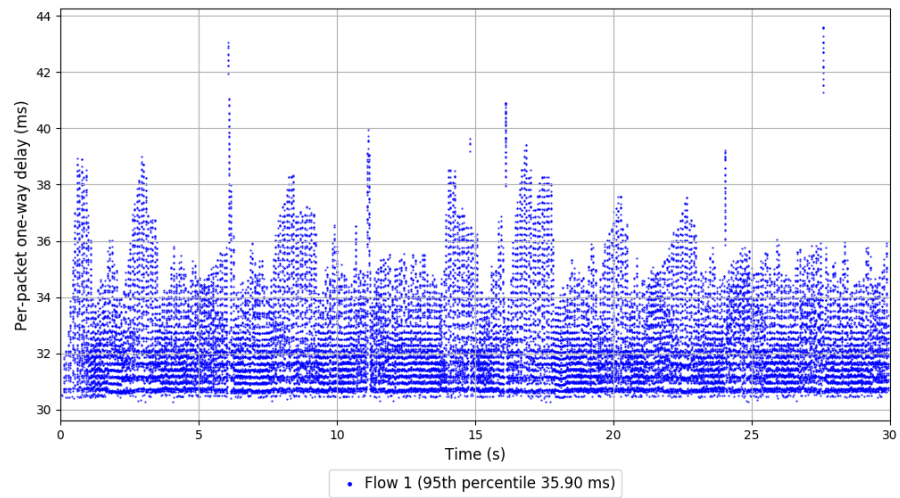
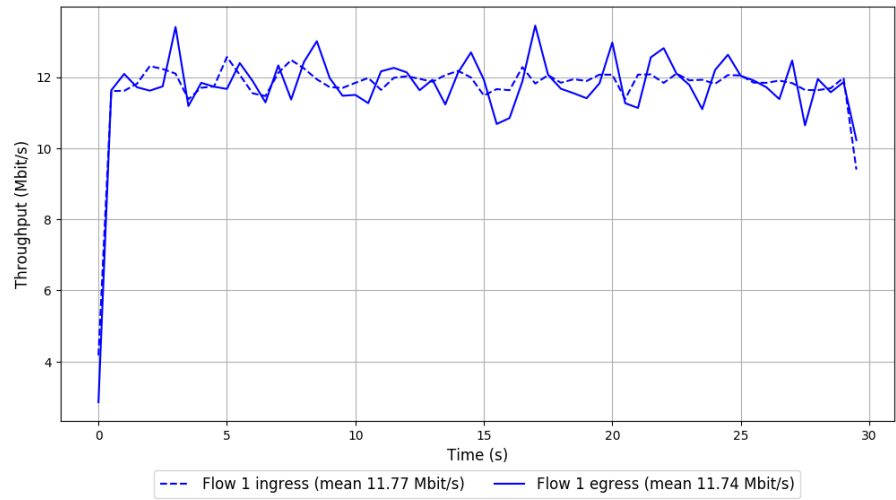


Run 7: Statistics of Sprout

Start at: 2018-03-20 17:33:47
End at: 2018-03-20 17:34:17
Local clock offset: -0.644 ms
Remote clock offset: -0.909 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 35.900 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 35.900 ms
Loss rate: 0.22%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-03-20 17:58:02

End at: 2018-03-20 17:58:32

Local clock offset: 0.213 ms

Remote clock offset: -2.82 ms

Below is generated by plot.py at 2018-03-20 19:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.71 Mbit/s

95th percentile per-packet one-way delay: 32.601 ms

Loss rate: 0.01%

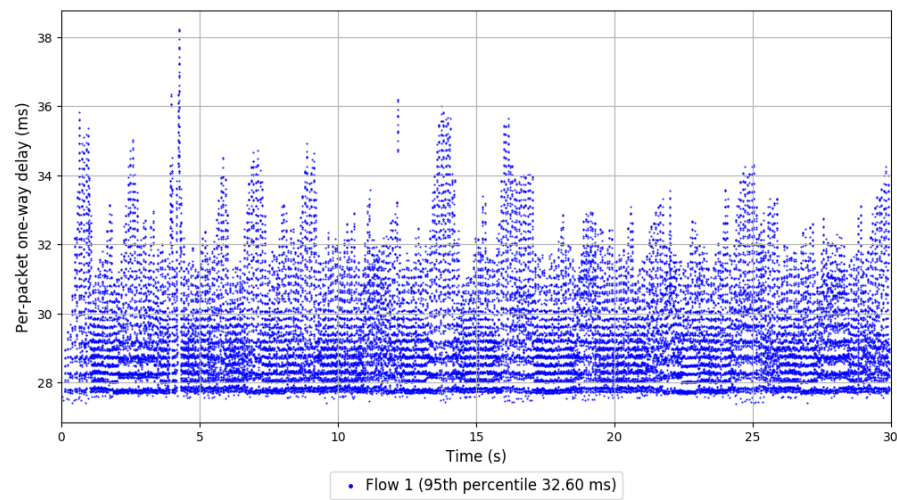
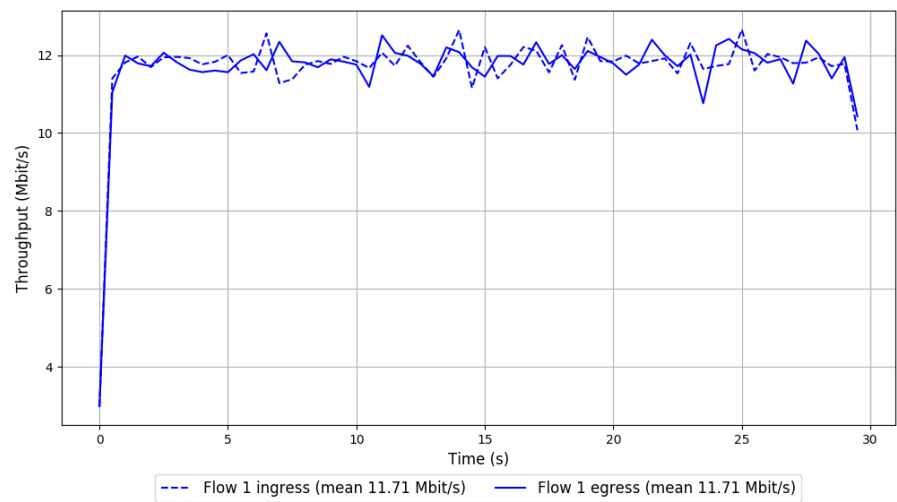
-- Flow 1:

Average throughput: 11.71 Mbit/s

95th percentile per-packet one-way delay: 32.601 ms

Loss rate: 0.01%

Run 8: Report of Sprout — Data Link

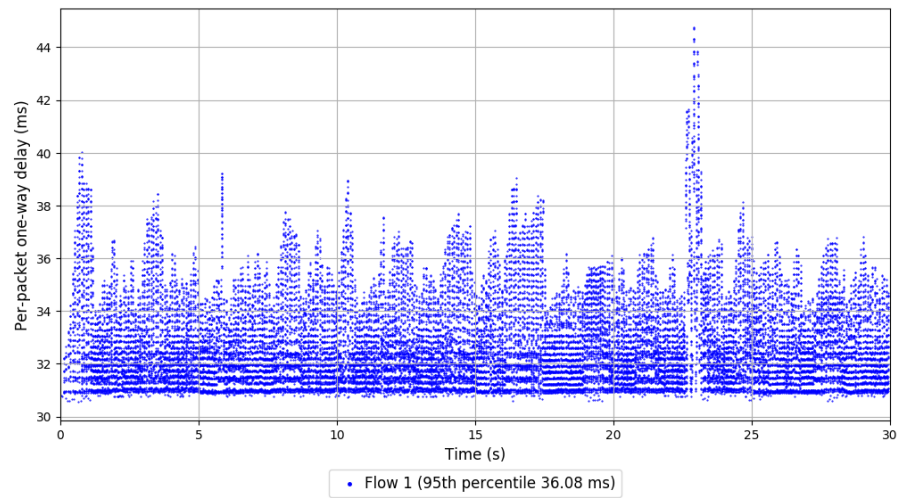
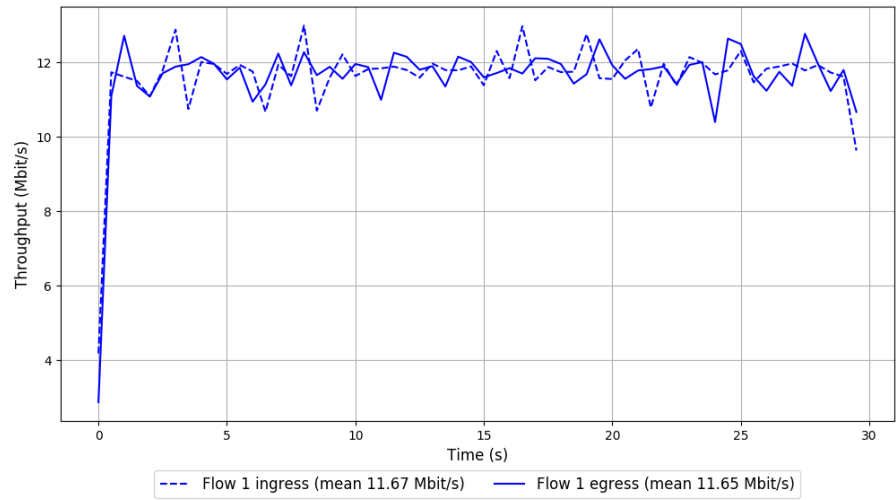


Run 9: Statistics of Sprout

Start at: 2018-03-20 18:22:28
End at: 2018-03-20 18:22:59
Local clock offset: 0.248 ms
Remote clock offset: -1.379 ms

Below is generated by plot.py at 2018-03-20 19:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 36.076 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 36.076 ms
Loss rate: 0.13%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-03-20 18:47:04

End at: 2018-03-20 18:47:34

Local clock offset: 0.253 ms

Remote clock offset: -1.16 ms

Below is generated by plot.py at 2018-03-20 19:26:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.75 Mbit/s

95th percentile per-packet one-way delay: 36.596 ms

Loss rate: 0.11%

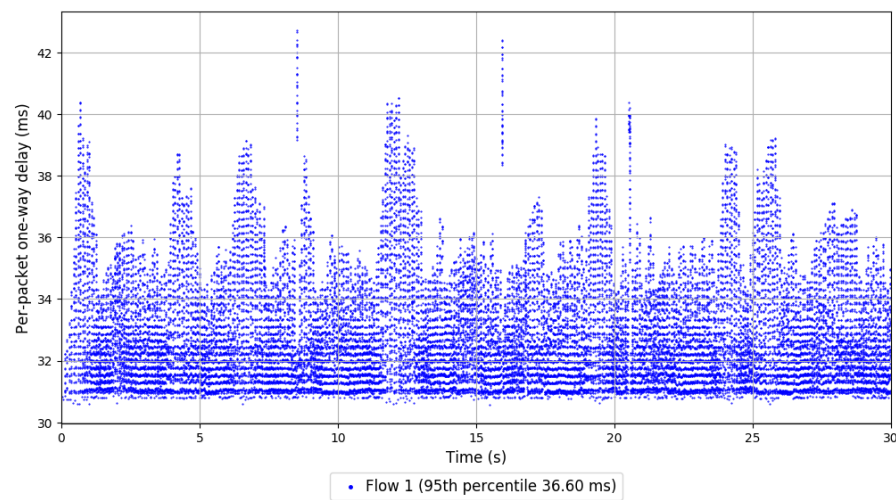
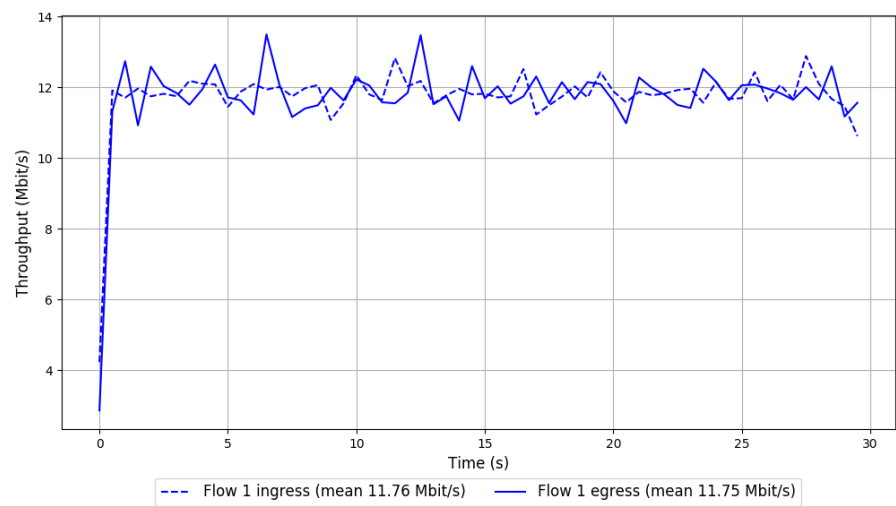
-- Flow 1:

Average throughput: 11.75 Mbit/s

95th percentile per-packet one-way delay: 36.596 ms

Loss rate: 0.11%

Run 10: Report of Sprout — Data Link

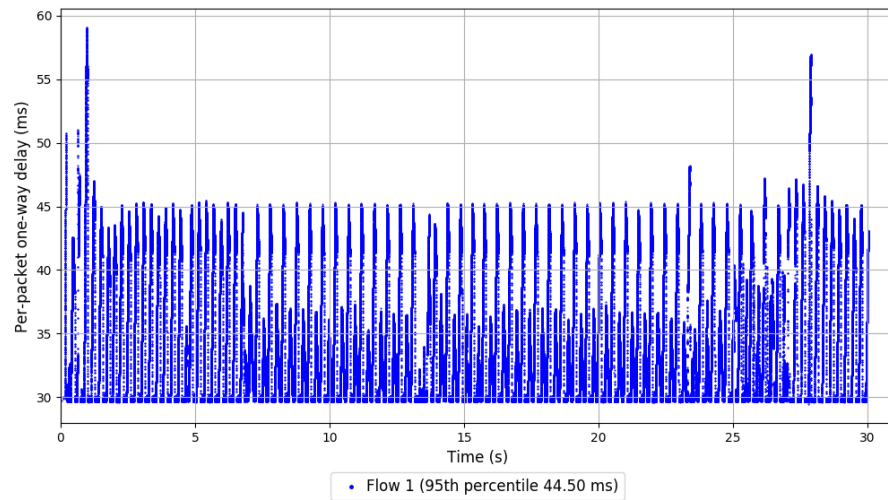
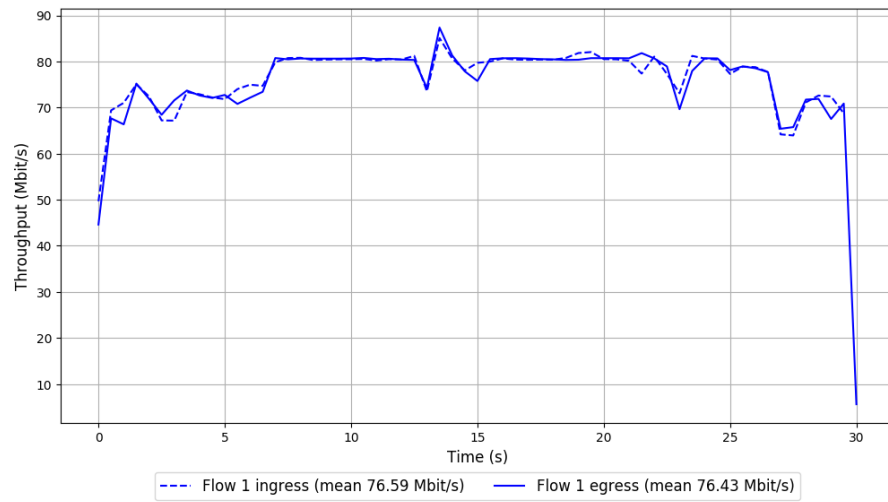


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-20 15:01:55
End at: 2018-03-20 15:02:25
Local clock offset: -0.309 ms
Remote clock offset: -2.142 ms

# Below is generated by plot.py at 2018-03-20 19:28:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 44.501 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 76.43 Mbit/s
95th percentile per-packet one-way delay: 44.501 ms
Loss rate: 0.16%
```


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

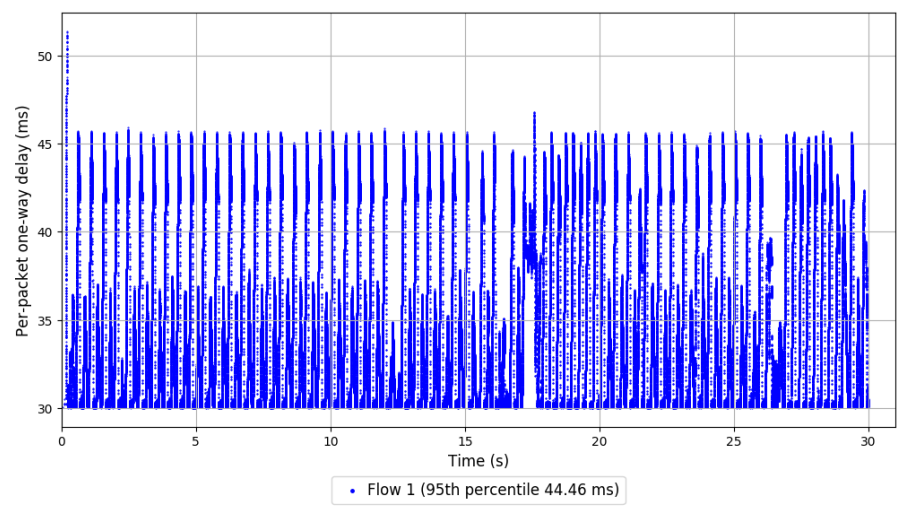
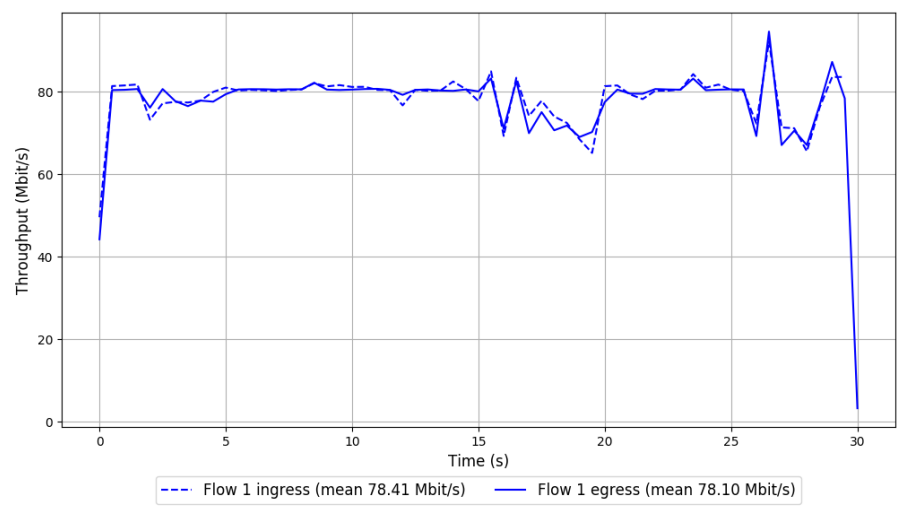


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-20 15:26:13
End at: 2018-03-20 15:26:43
Local clock offset: -0.391 ms
Remote clock offset: -2.659 ms

Below is generated by plot.py at 2018-03-20 19:28:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 44.463 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 78.10 Mbit/s
95th percentile per-packet one-way delay: 44.463 ms
Loss rate: 0.39%

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

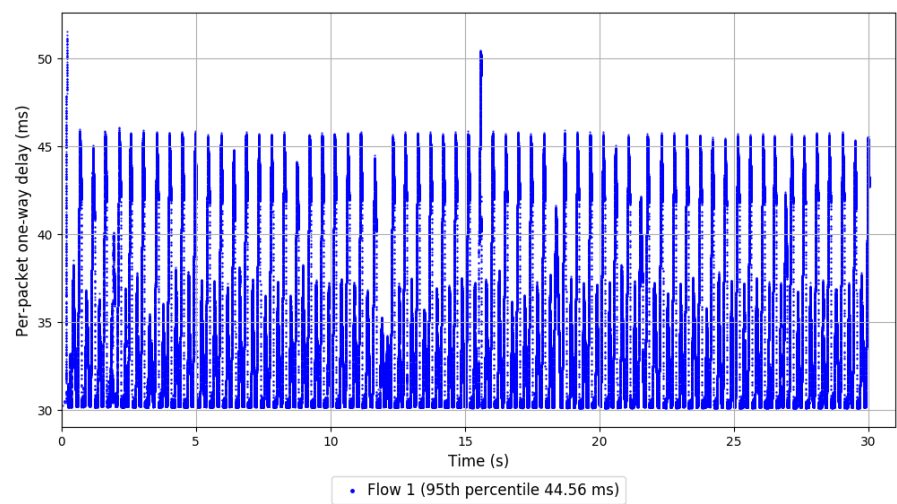
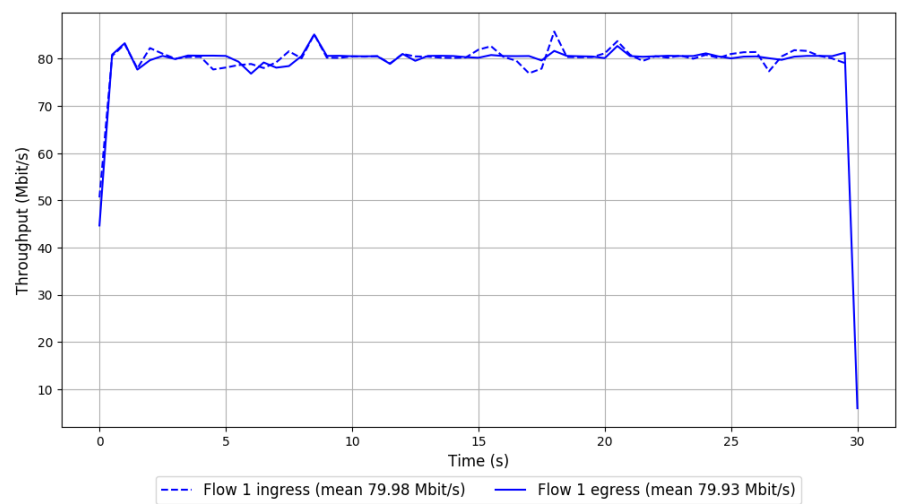


Run 3: Statistics of TaoVA-100x

Start at: 2018-03-20 15:50:27
End at: 2018-03-20 15:50:57
Local clock offset: -0.713 ms
Remote clock offset: -2.146 ms

Below is generated by plot.py at 2018-03-20 19:28:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.93 Mbit/s
95th percentile per-packet one-way delay: 44.558 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.93 Mbit/s
95th percentile per-packet one-way delay: 44.558 ms
Loss rate: 0.02%

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

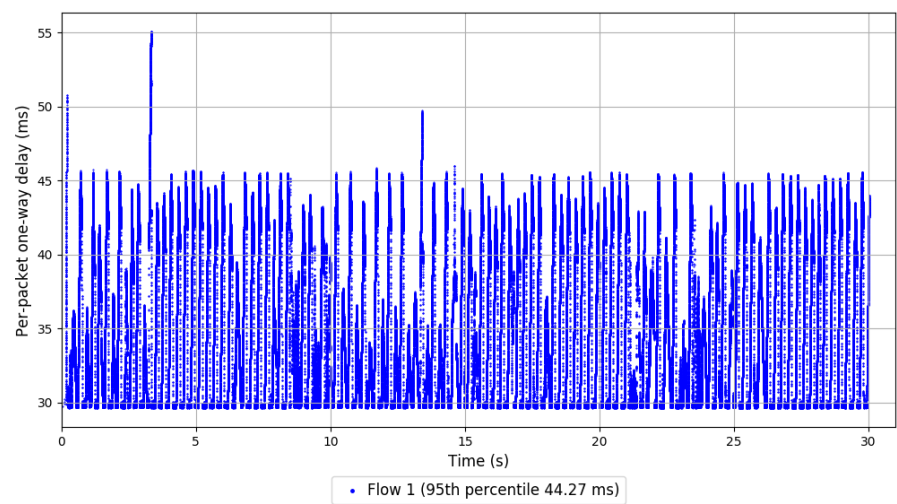
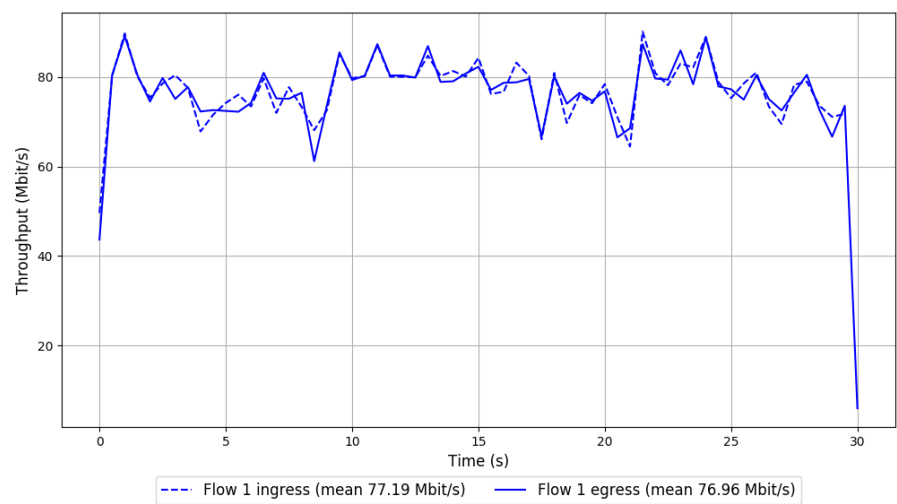


Run 4: Statistics of TaoVA-100x

Start at: 2018-03-20 16:15:01
End at: 2018-03-20 16:15:31
Local clock offset: -0.216 ms
Remote clock offset: -1.574 ms

Below is generated by plot.py at 2018-03-20 19:28:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.96 Mbit/s
95th percentile per-packet one-way delay: 44.265 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 76.96 Mbit/s
95th percentile per-packet one-way delay: 44.265 ms
Loss rate: 0.26%

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

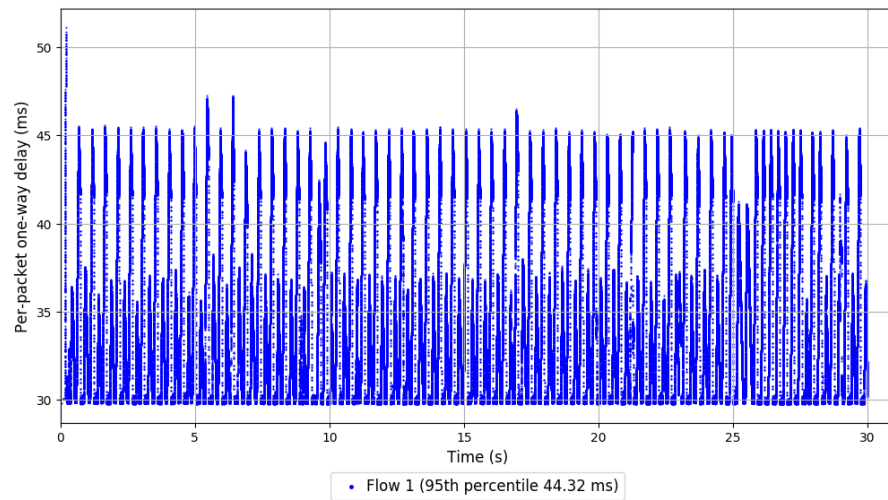
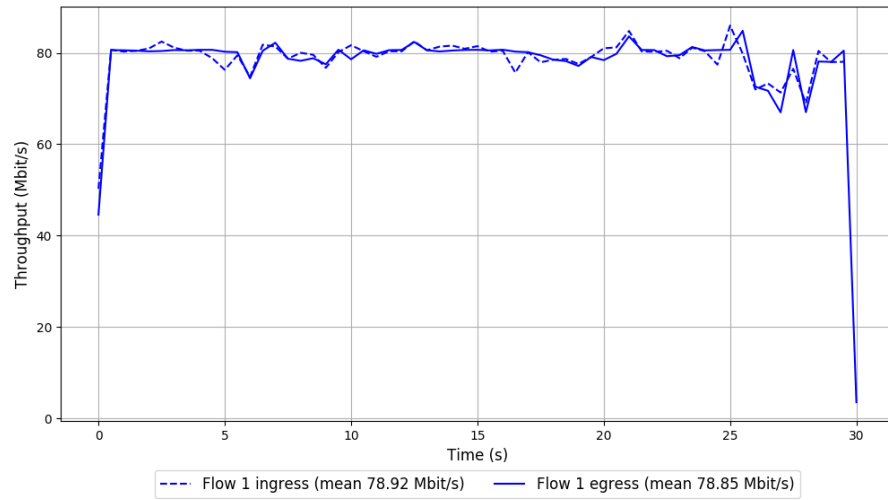


Run 5: Statistics of TaoVA-100x

Start at: 2018-03-20 16:39:21
End at: 2018-03-20 16:39:51
Local clock offset: 0.001 ms
Remote clock offset: -0.827 ms

Below is generated by plot.py at 2018-03-20 19:28:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 44.316 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 44.316 ms
Loss rate: 0.10%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-20 17:03:55

End at: 2018-03-20 17:04:25

Local clock offset: 0.208 ms

Remote clock offset: -1.041 ms

Below is generated by plot.py at 2018-03-20 19:28:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.74 Mbit/s

95th percentile per-packet one-way delay: 44.176 ms

Loss rate: 0.08%

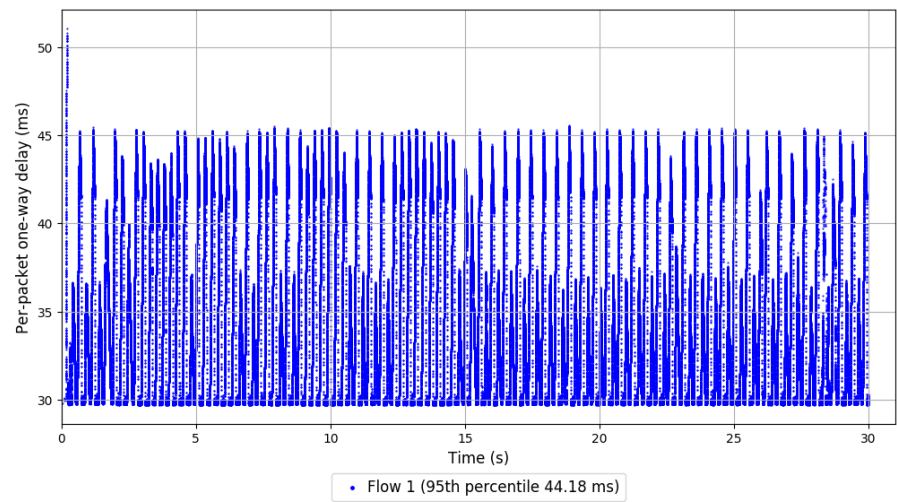
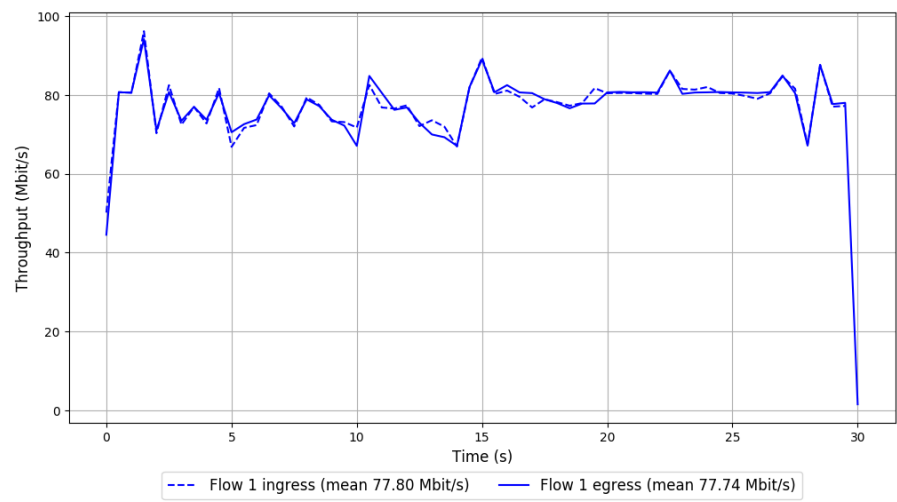
-- Flow 1:

Average throughput: 77.74 Mbit/s

95th percentile per-packet one-way delay: 44.176 ms

Loss rate: 0.08%

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

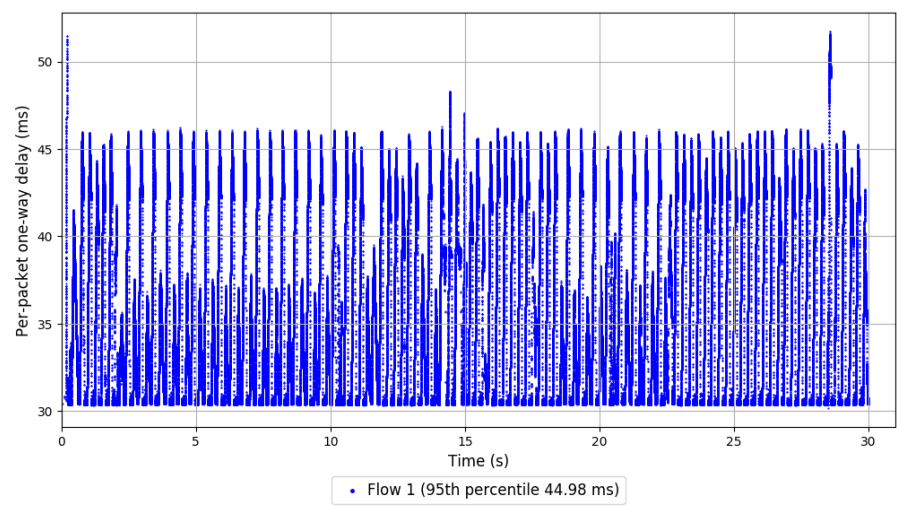
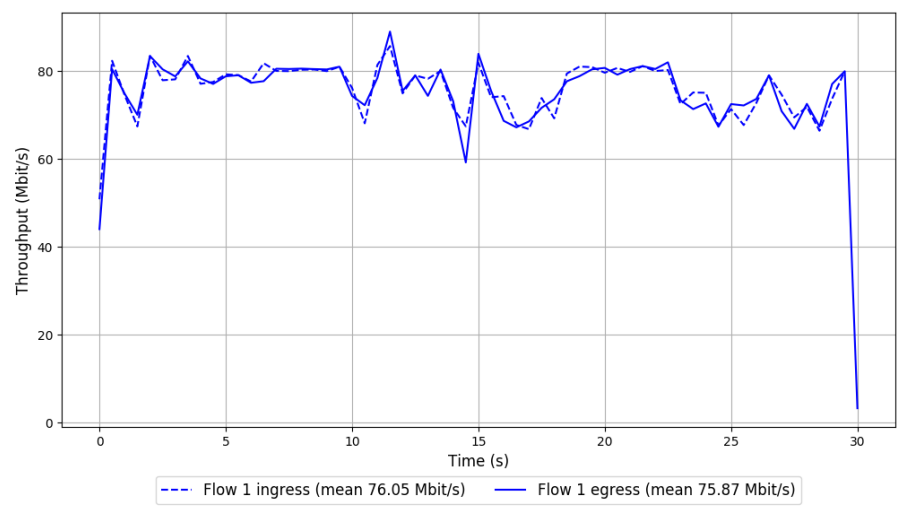


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-20 17:28:21
End at: 2018-03-20 17:28:51
Local clock offset: -0.512 ms
Remote clock offset: -0.805 ms

Below is generated by plot.py at 2018-03-20 19:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 44.980 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 44.980 ms
Loss rate: 0.24%

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

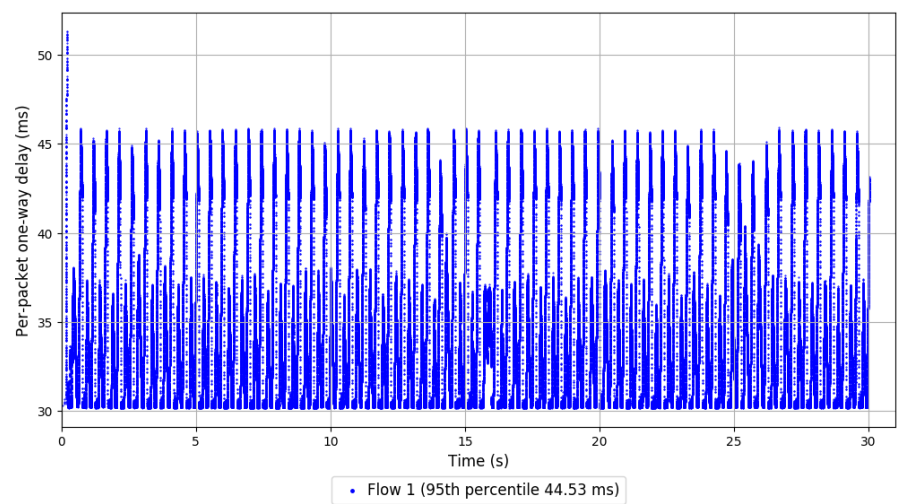
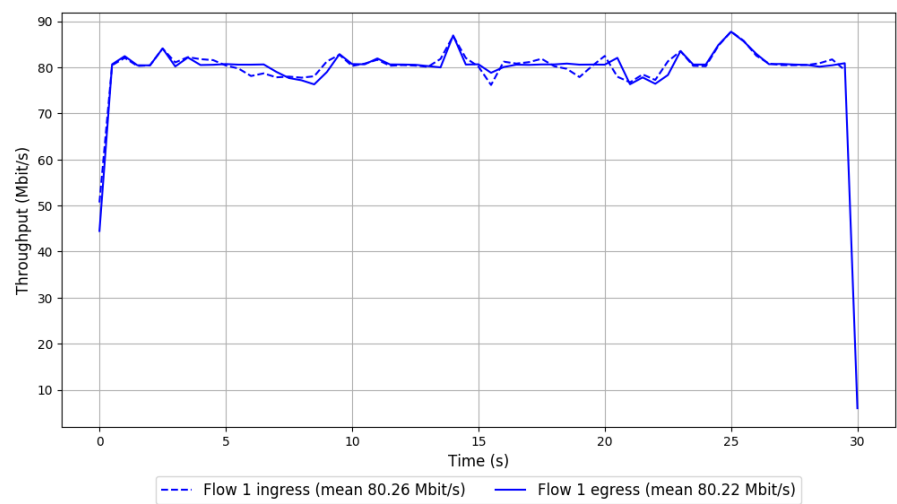


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-20 17:52:40
End at: 2018-03-20 17:53:10
Local clock offset: 0.076 ms
Remote clock offset: -0.272 ms

Below is generated by plot.py at 2018-03-20 19:28:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.22 Mbit/s
95th percentile per-packet one-way delay: 44.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.22 Mbit/s
95th percentile per-packet one-way delay: 44.528 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-20 18:17:03

End at: 2018-03-20 18:17:34

Local clock offset: 0.349 ms

Remote clock offset: -1.743 ms

Below is generated by plot.py at 2018-03-20 19:30:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 45.236 ms

Loss rate: 0.21%

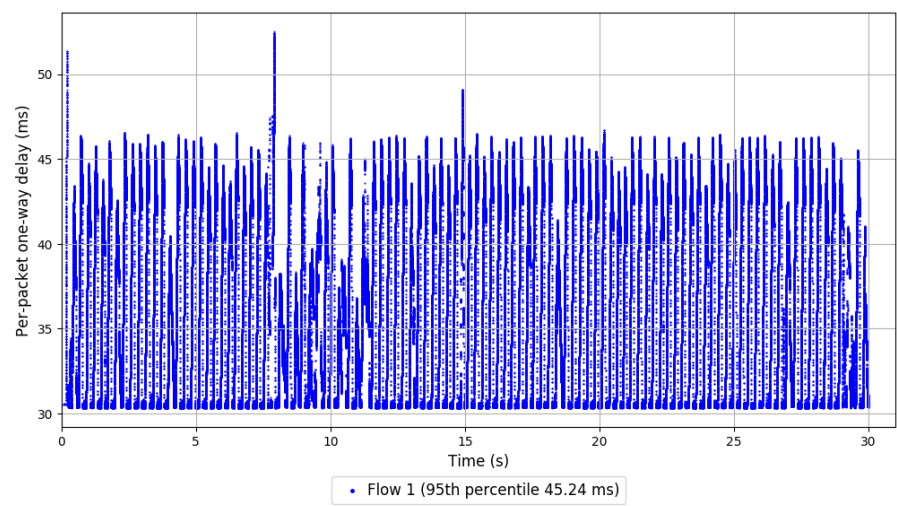
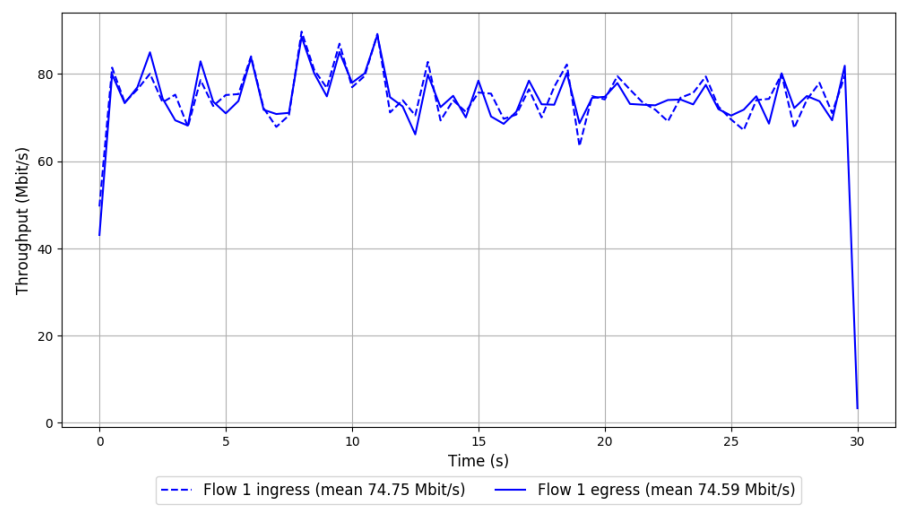
-- Flow 1:

Average throughput: 74.59 Mbit/s

95th percentile per-packet one-way delay: 45.236 ms

Loss rate: 0.21%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-20 18:41:37

End at: 2018-03-20 18:42:07

Local clock offset: 0.208 ms

Remote clock offset: -1.674 ms

Below is generated by plot.py at 2018-03-20 19:30:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.64 Mbit/s

95th percentile per-packet one-way delay: 45.129 ms

Loss rate: 0.01%

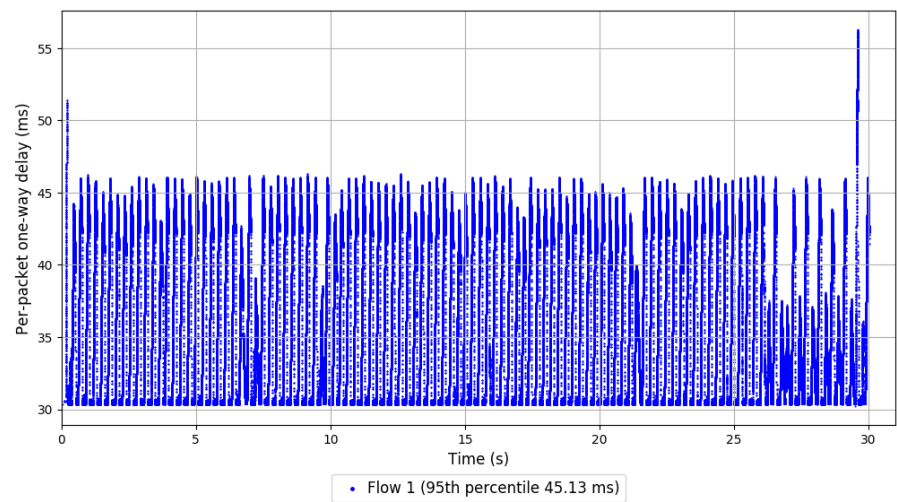
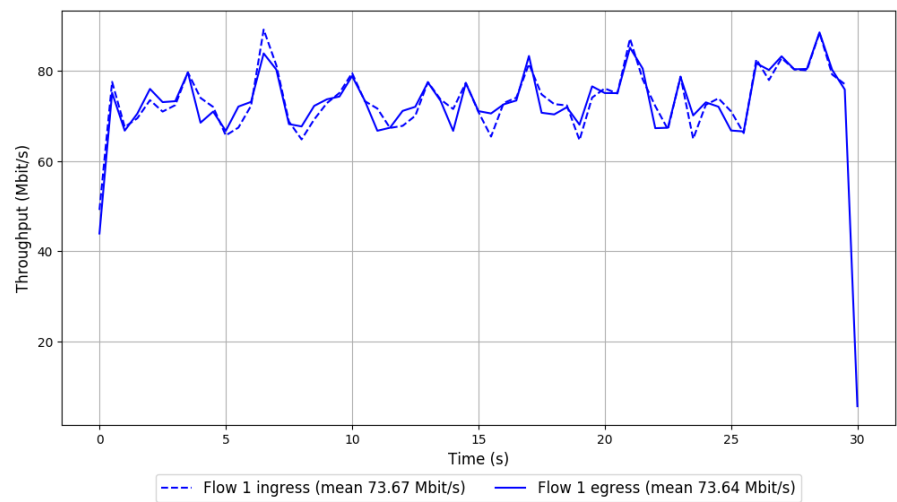
-- Flow 1:

Average throughput: 73.64 Mbit/s

95th percentile per-packet one-way delay: 45.129 ms

Loss rate: 0.01%

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

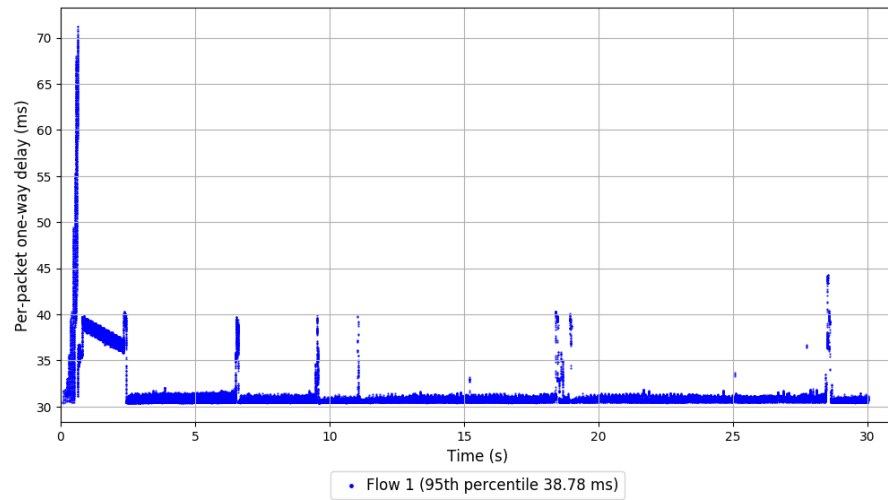
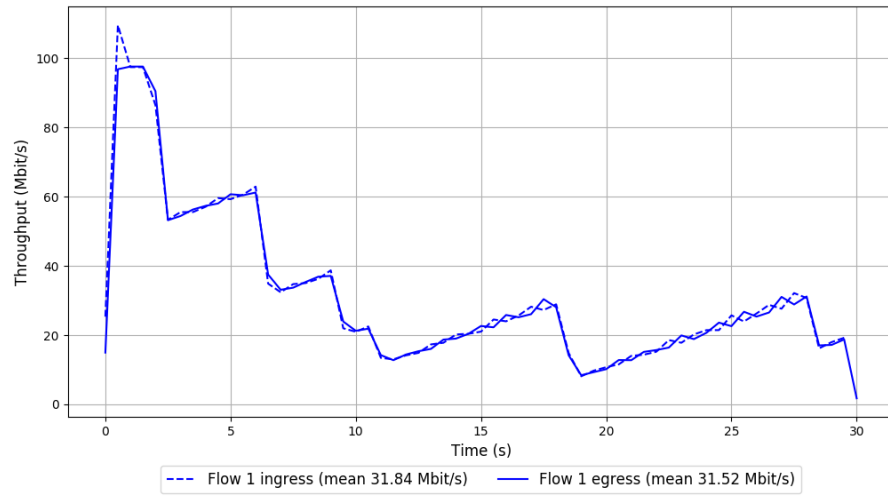


Run 1: Statistics of TCP Vegas

Start at: 2018-03-20 15:04:41
End at: 2018-03-20 15:05:11
Local clock offset: -0.39 ms
Remote clock offset: -2.182 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 38.782 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 31.52 Mbit/s
95th percentile per-packet one-way delay: 38.782 ms
Loss rate: 0.99%

Run 1: Report of TCP Vegas — Data Link

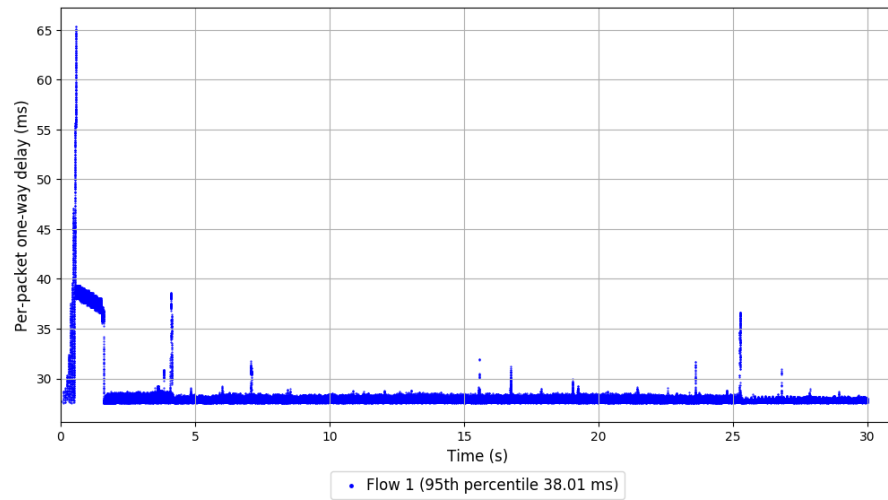
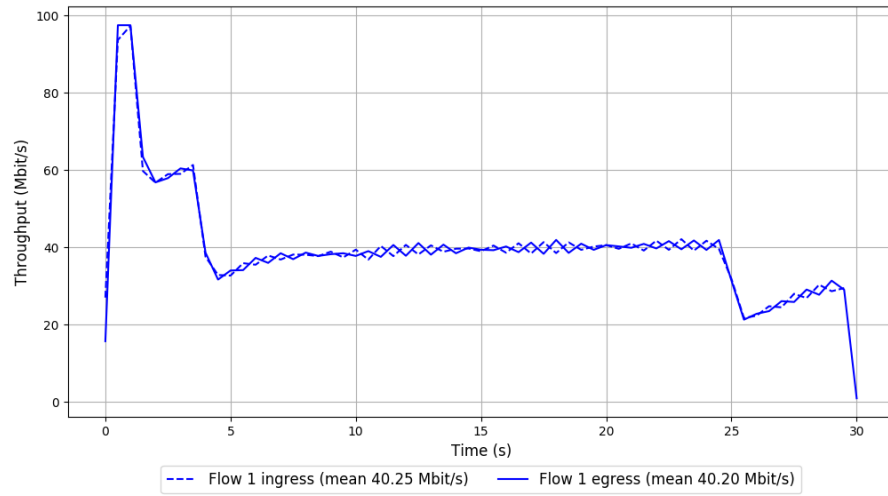


Run 2: Statistics of TCP Vegas

Start at: 2018-03-20 15:28:59
End at: 2018-03-20 15:29:29
Local clock offset: -0.451 ms
Remote clock offset: -5.232 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 38.007 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 40.20 Mbit/s
95th percentile per-packet one-way delay: 38.007 ms
Loss rate: 0.12%

Run 2: Report of TCP Vegas — Data Link

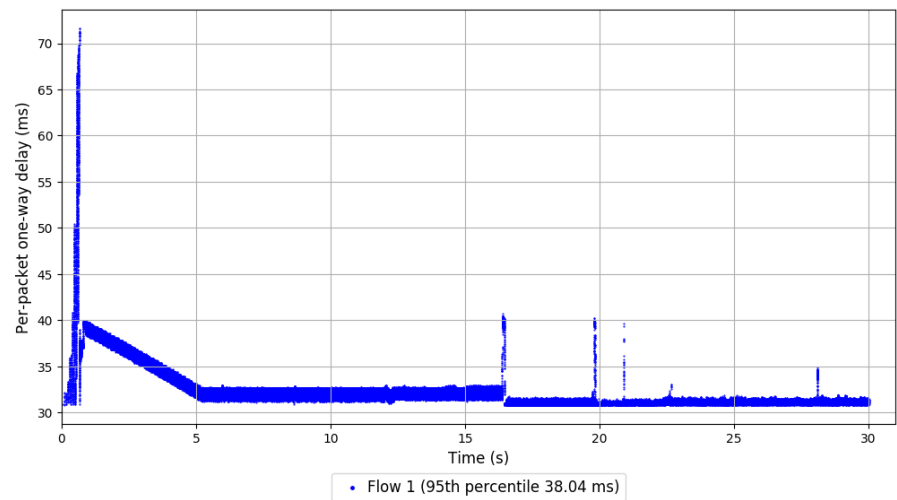
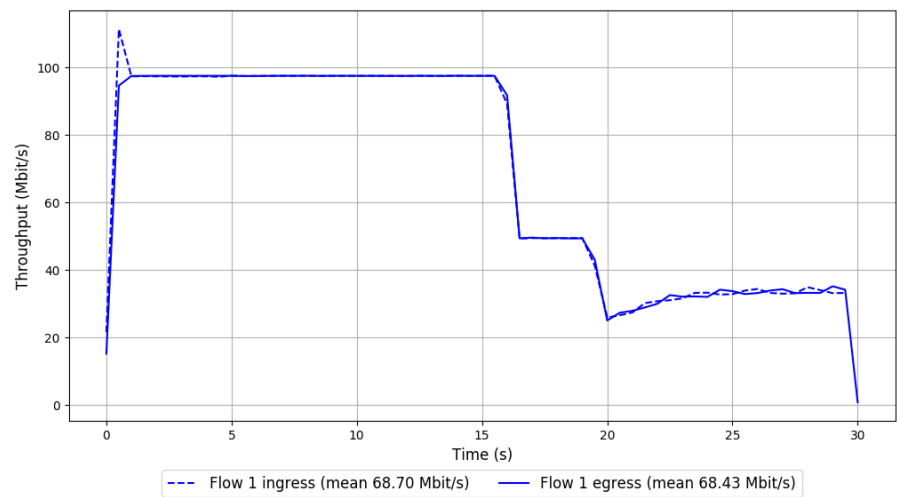


Run 3: Statistics of TCP Vegas

Start at: 2018-03-20 15:53:15
End at: 2018-03-20 15:53:45
Local clock offset: -0.747 ms
Remote clock offset: -1.964 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.43 Mbit/s
95th percentile per-packet one-way delay: 38.036 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 68.43 Mbit/s
95th percentile per-packet one-way delay: 38.036 ms
Loss rate: 0.39%

Run 3: Report of TCP Vegas — Data Link

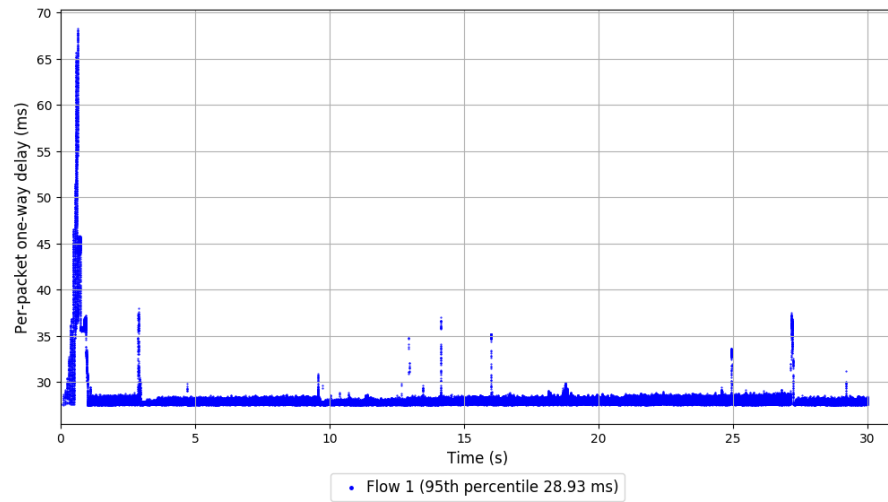
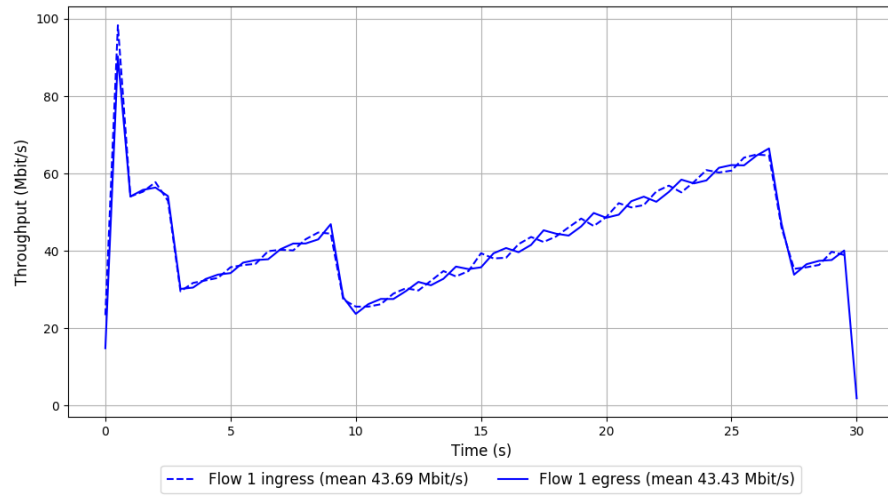


Run 4: Statistics of TCP Vegas

Start at: 2018-03-20 16:17:50
End at: 2018-03-20 16:18:20
Local clock offset: -0.175 ms
Remote clock offset: -3.582 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.43 Mbit/s
95th percentile per-packet one-way delay: 28.934 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 43.43 Mbit/s
95th percentile per-packet one-way delay: 28.934 ms
Loss rate: 0.59%

Run 4: Report of TCP Vegas — Data Link

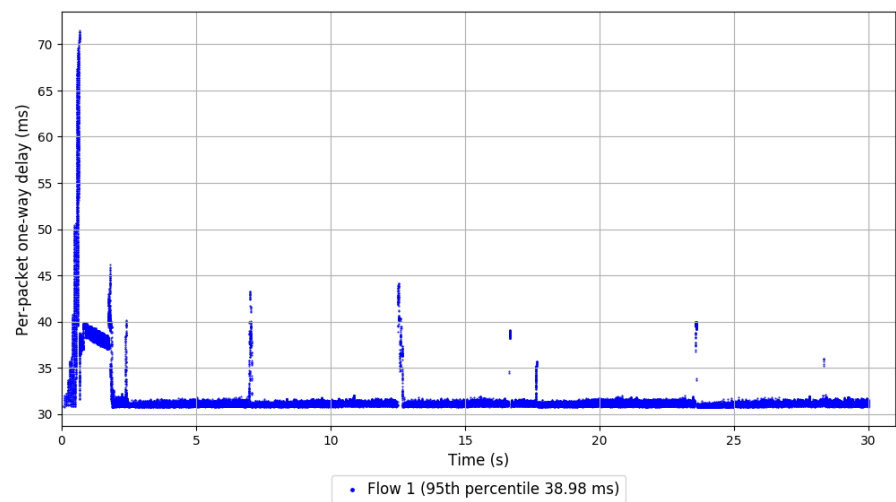
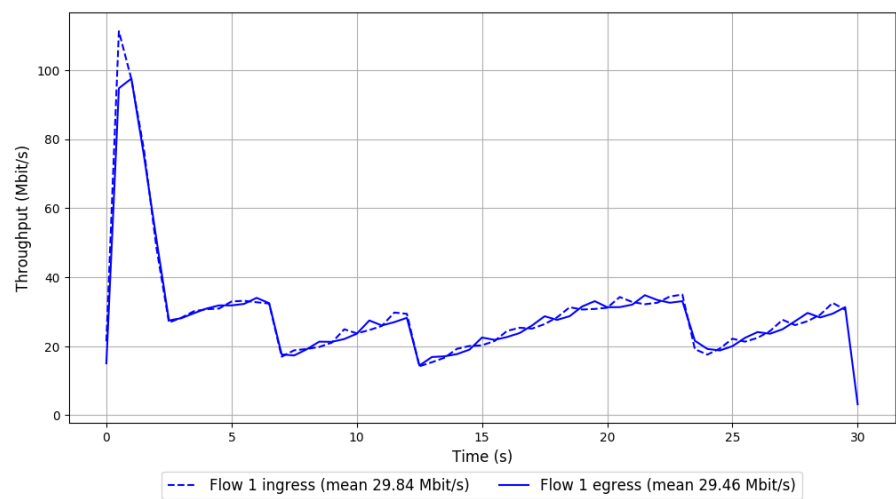


Run 5: Statistics of TCP Vegas

Start at: 2018-03-20 16:42:10
End at: 2018-03-20 16:42:40
Local clock offset: 0.132 ms
Remote clock offset: -0.385 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 38.982 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 29.46 Mbit/s
95th percentile per-packet one-way delay: 38.982 ms
Loss rate: 1.27%

Run 5: Report of TCP Vegas — Data Link

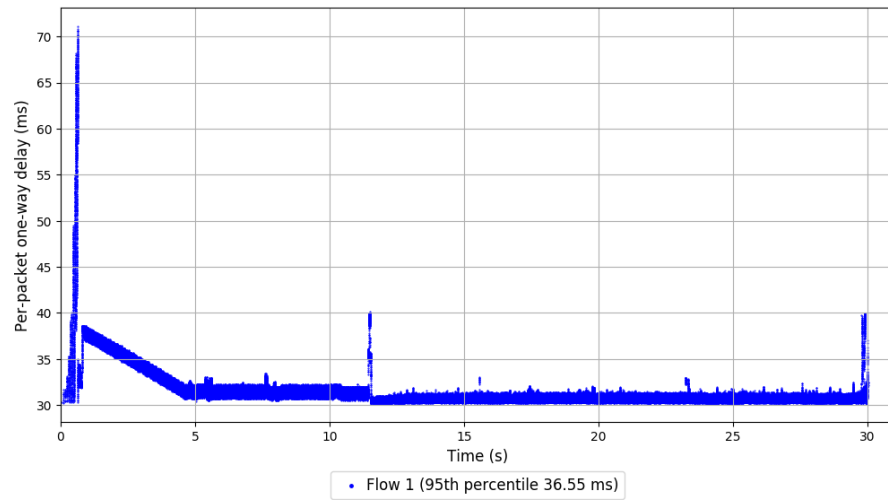
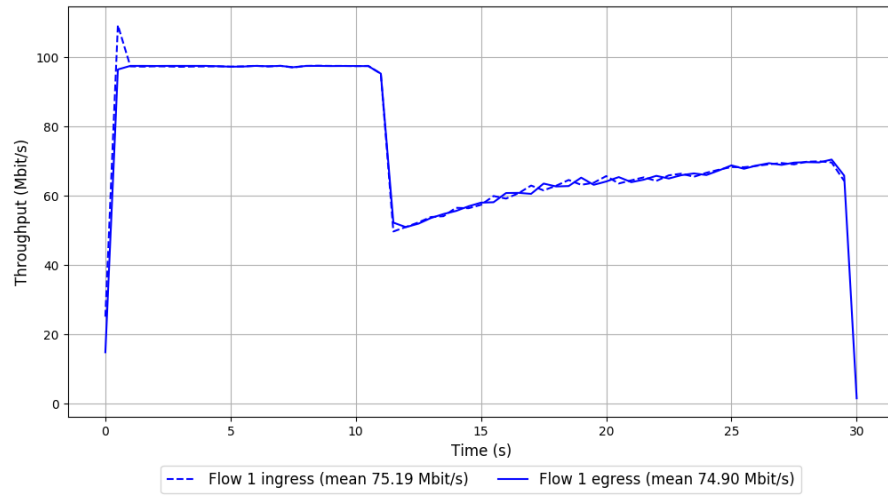


Run 6: Statistics of TCP Vegas

Start at: 2018-03-20 17:06:42
End at: 2018-03-20 17:07:12
Local clock offset: 0.27 ms
Remote clock offset: -1.071 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.90 Mbit/s
95th percentile per-packet one-way delay: 36.547 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 74.90 Mbit/s
95th percentile per-packet one-way delay: 36.547 ms
Loss rate: 0.38%

Run 6: Report of TCP Vegas — Data Link

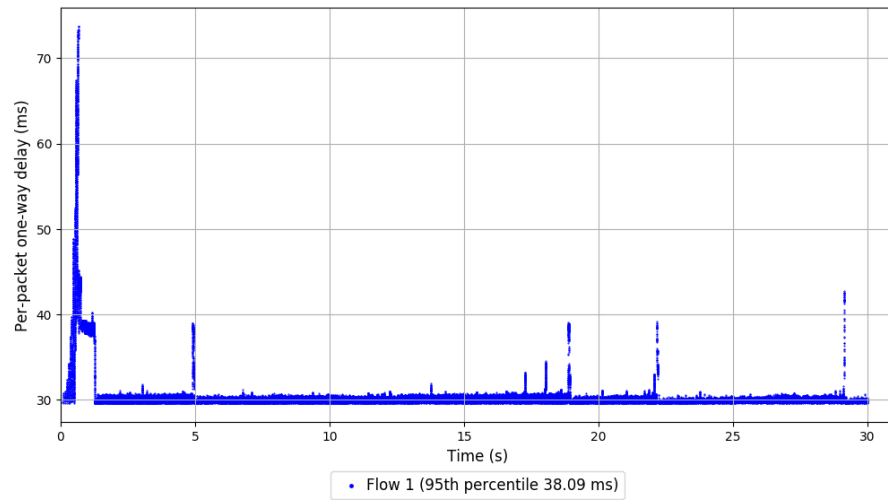
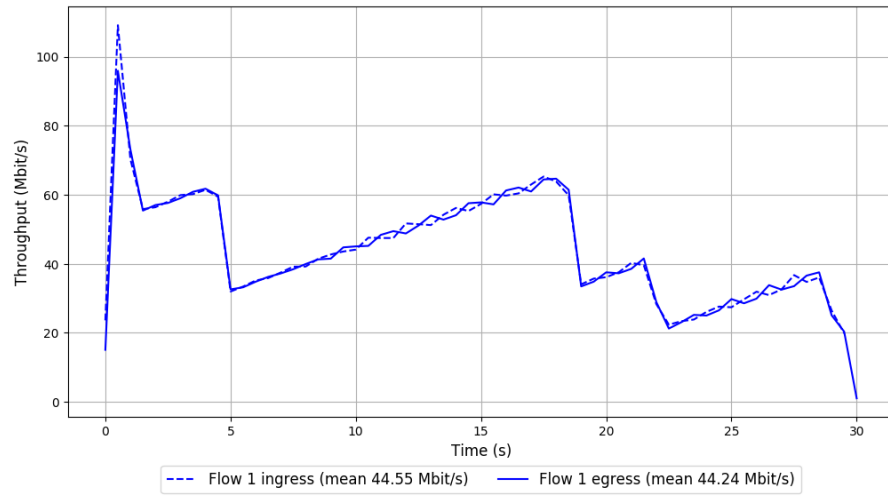


Run 7: Statistics of TCP Vegas

Start at: 2018-03-20 17:31:08
End at: 2018-03-20 17:31:38
Local clock offset: -0.528 ms
Remote clock offset: -0.899 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 38.094 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 38.094 ms
Loss rate: 0.68%

Run 7: Report of TCP Vegas — Data Link

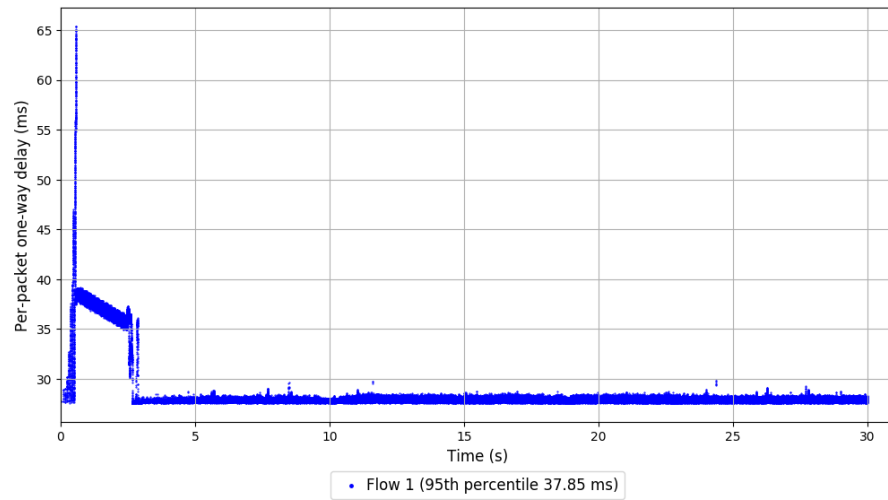
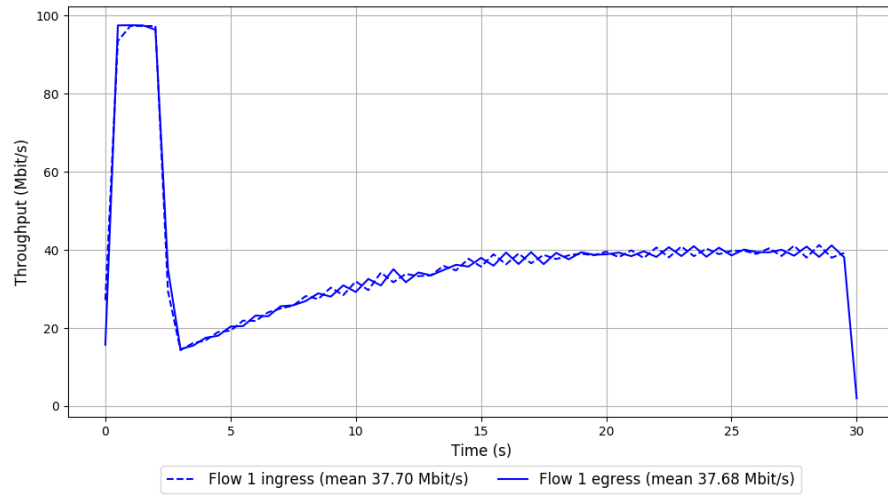


Run 8: Statistics of TCP Vegas

Start at: 2018-03-20 17:55:24
End at: 2018-03-20 17:55:54
Local clock offset: 0.067 ms
Remote clock offset: -2.891 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 37.849 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 37.849 ms
Loss rate: 0.06%

Run 8: Report of TCP Vegas — Data Link

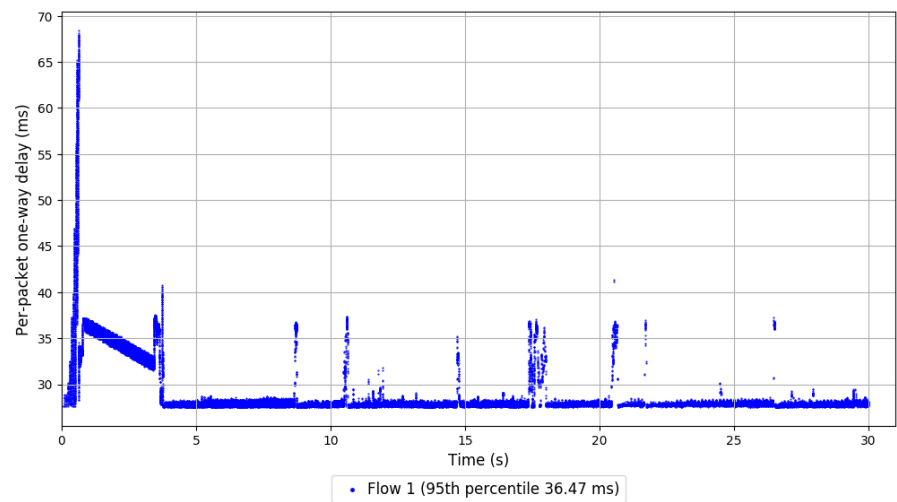
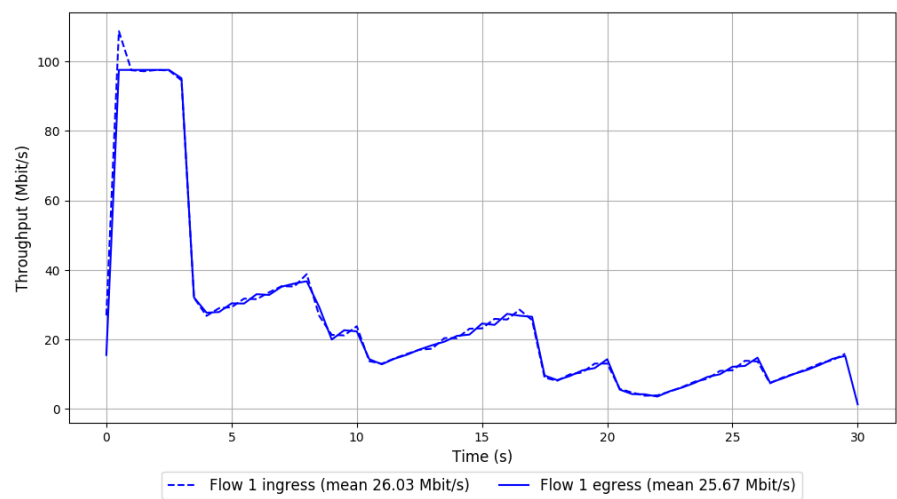


Run 9: Statistics of TCP Vegas

Start at: 2018-03-20 18:19:49
End at: 2018-03-20 18:20:19
Local clock offset: 0.294 ms
Remote clock offset: -3.881 ms

Below is generated by plot.py at 2018-03-20 19:30:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 36.469 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 36.469 ms
Loss rate: 1.36%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-20 18:44:24

End at: 2018-03-20 18:44:54

Local clock offset: 0.148 ms

Remote clock offset: -1.566 ms

Below is generated by plot.py at 2018-03-20 19:30:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.30 Mbit/s

95th percentile per-packet one-way delay: 38.377 ms

Loss rate: 0.77%

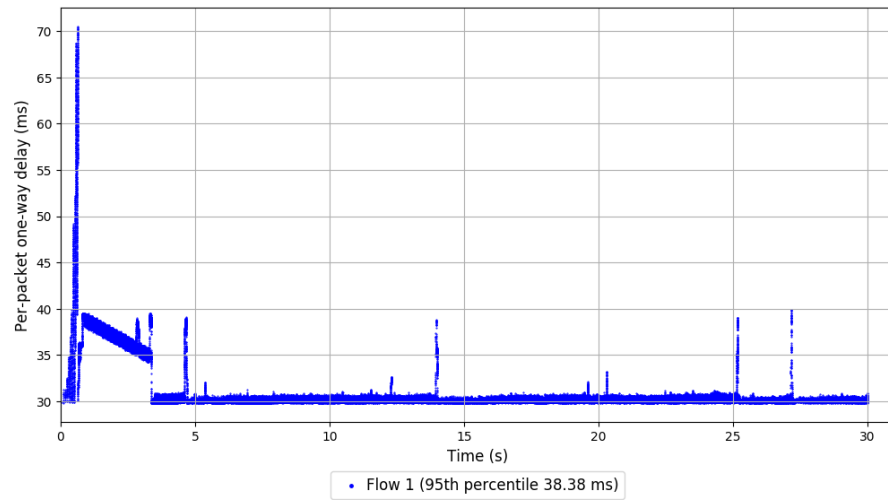
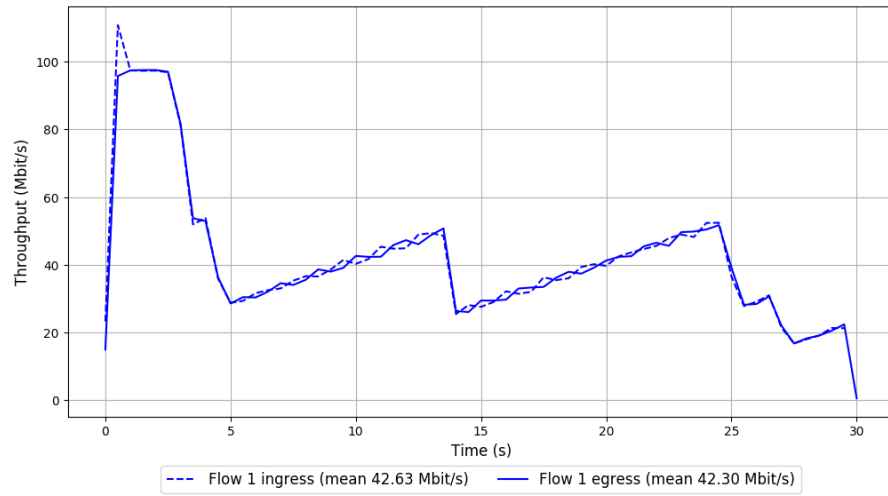
-- Flow 1:

Average throughput: 42.30 Mbit/s

95th percentile per-packet one-way delay: 38.377 ms

Loss rate: 0.77%

Run 10: Report of TCP Vegas — Data Link

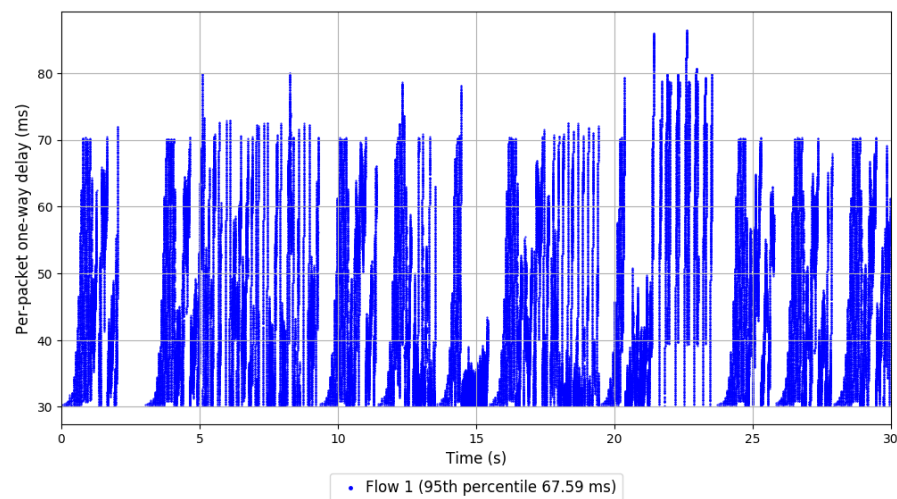
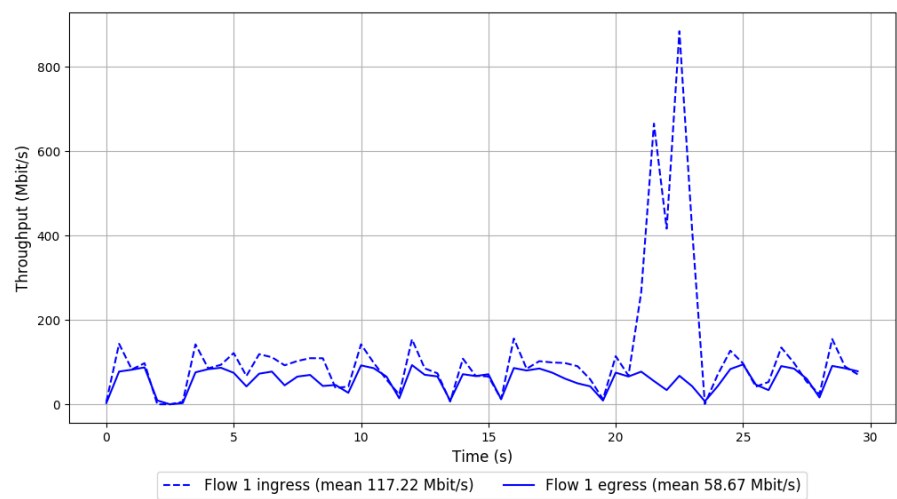


Run 1: Statistics of Verus

Start at: 2018-03-20 14:57:50
End at: 2018-03-20 14:58:20
Local clock offset: -0.405 ms
Remote clock offset: -1.655 ms

Below is generated by plot.py at 2018-03-20 19:30:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 67.589 ms
Loss rate: 49.91%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 67.589 ms
Loss rate: 49.91%

Run 1: Report of Verus — Data Link

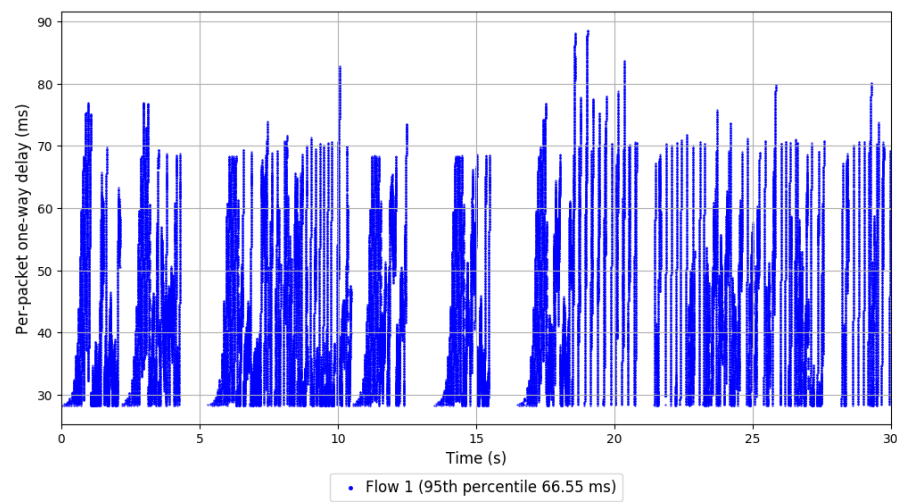
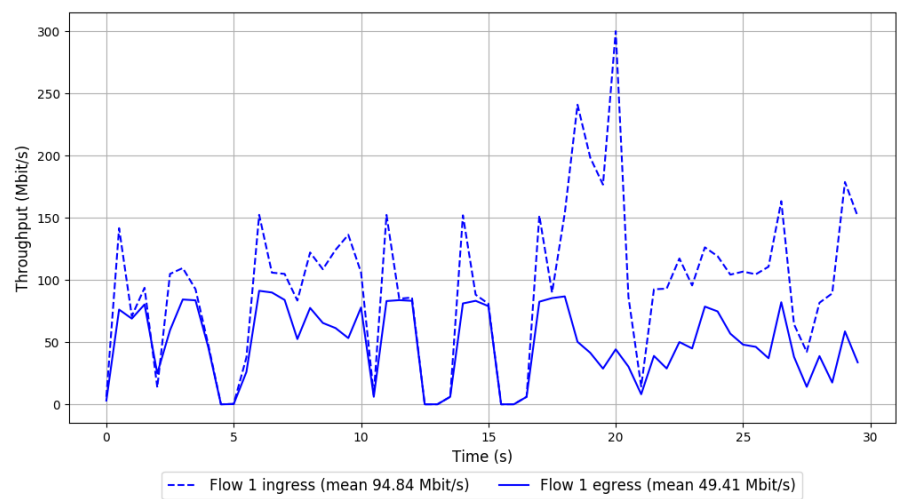


Run 2: Statistics of Verus

Start at: 2018-03-20 15:22:12
End at: 2018-03-20 15:22:42
Local clock offset: -0.322 ms
Remote clock offset: -4.971 ms

Below is generated by plot.py at 2018-03-20 19:30:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 66.546 ms
Loss rate: 47.85%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 66.546 ms
Loss rate: 47.85%

Run 2: Report of Verus — Data Link

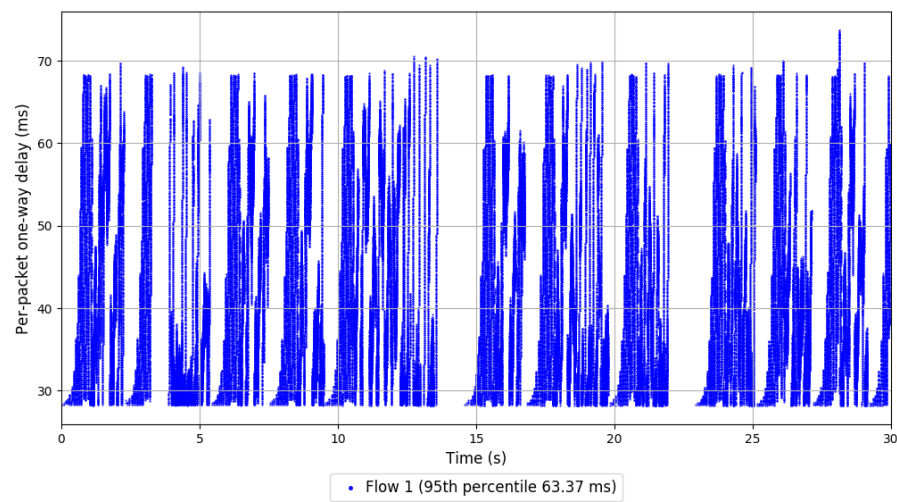
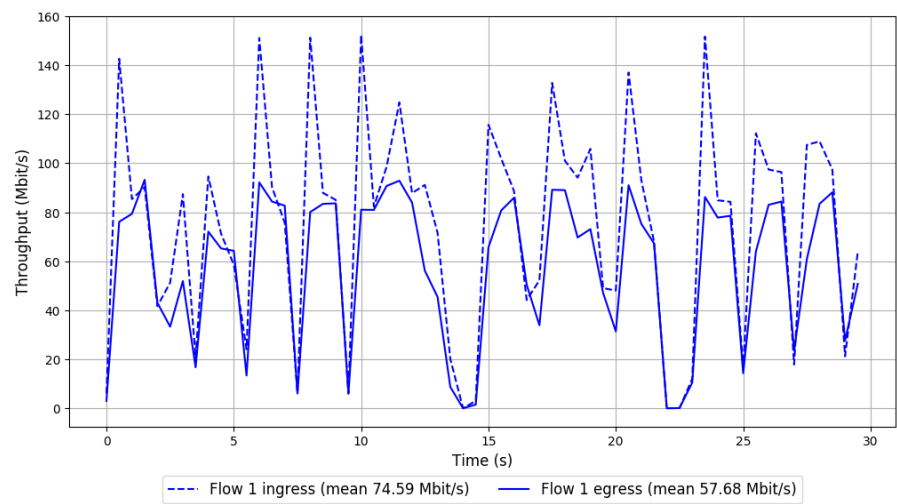


Run 3: Statistics of Verus

Start at: 2018-03-20 15:46:21
End at: 2018-03-20 15:46:51
Local clock offset: -0.683 ms
Remote clock offset: -5.302 ms

Below is generated by plot.py at 2018-03-20 19:30:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 63.372 ms
Loss rate: 22.60%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 63.372 ms
Loss rate: 22.60%

Run 3: Report of Verus — Data Link

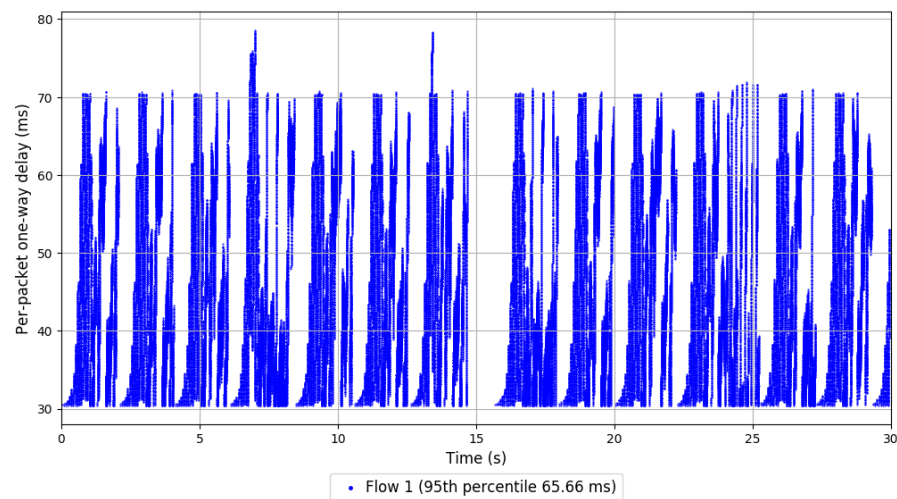
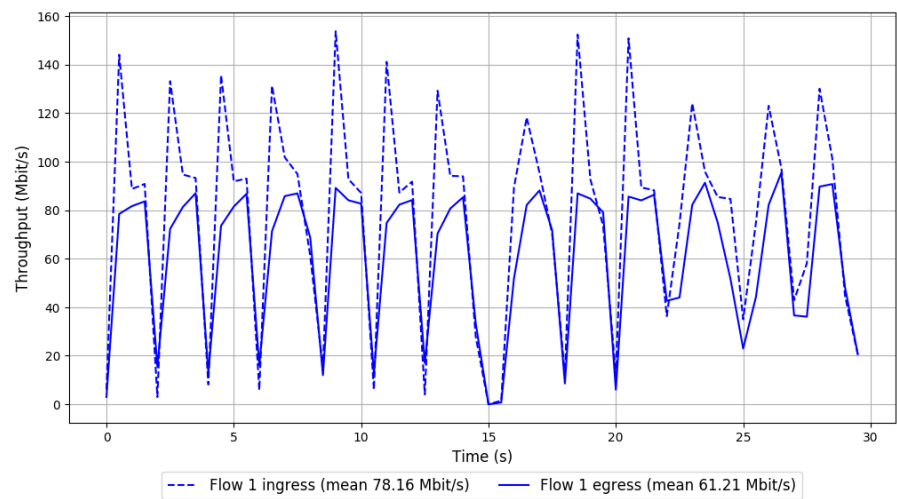


Run 4: Statistics of Verus

Start at: 2018-03-20 16:10:57
End at: 2018-03-20 16:11:27
Local clock offset: -0.359 ms
Remote clock offset: -1.655 ms

Below is generated by plot.py at 2018-03-20 19:30:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.21 Mbit/s
95th percentile per-packet one-way delay: 65.661 ms
Loss rate: 21.63%
-- Flow 1:
Average throughput: 61.21 Mbit/s
95th percentile per-packet one-way delay: 65.661 ms
Loss rate: 21.63%

Run 4: Report of Verus — Data Link

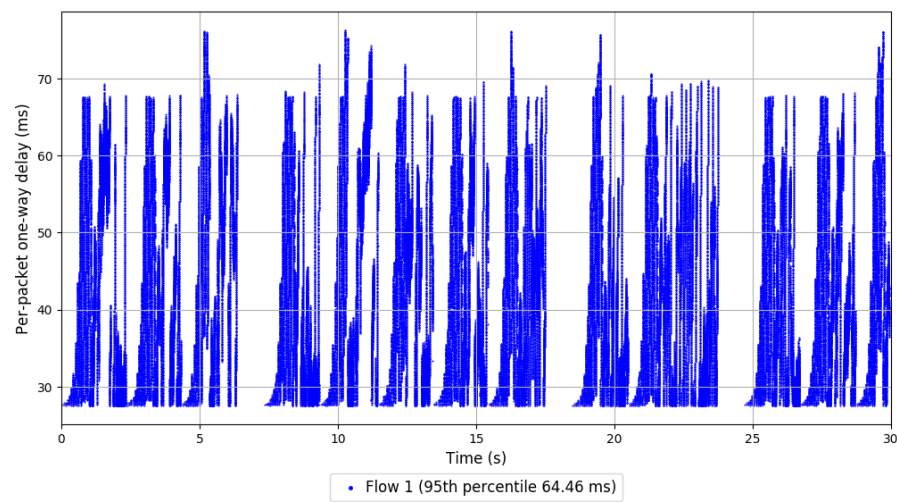
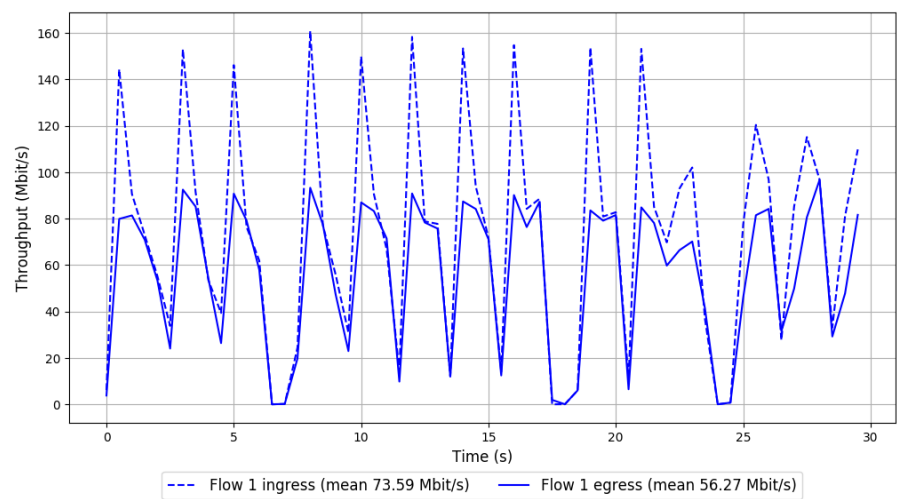


Run 5: Statistics of Verus

Start at: 2018-03-20 16:35:16
End at: 2018-03-20 16:35:46
Local clock offset: 0.005 ms
Remote clock offset: -3.077 ms

Below is generated by plot.py at 2018-03-20 19:30:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 64.461 ms
Loss rate: 23.50%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 64.461 ms
Loss rate: 23.50%

Run 5: Report of Verus — Data Link

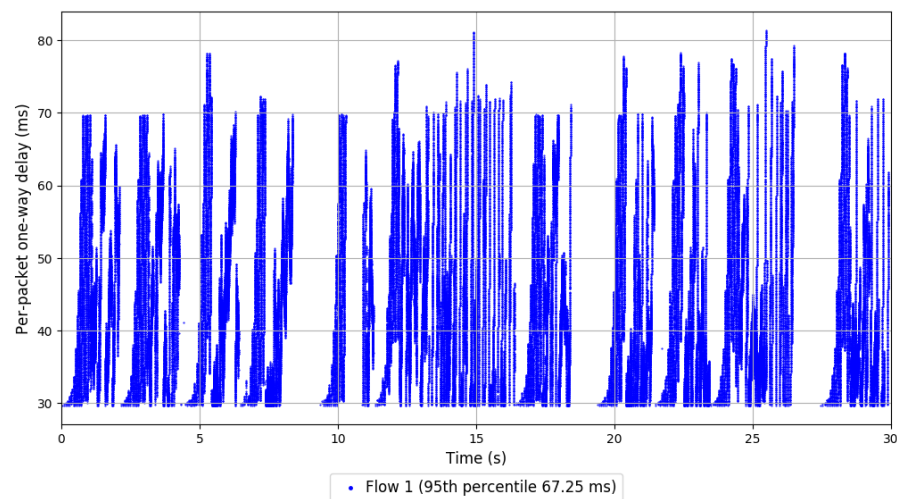
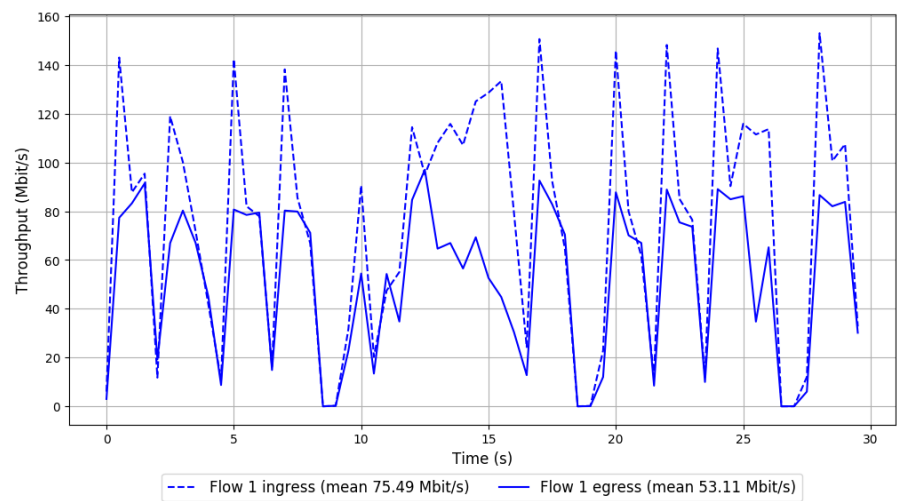


Run 6: Statistics of Verus

Start at: 2018-03-20 16:59:48
End at: 2018-03-20 17:00:18
Local clock offset: 0.277 ms
Remote clock offset: -0.966 ms

Below is generated by plot.py at 2018-03-20 19:30:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.11 Mbit/s
95th percentile per-packet one-way delay: 67.245 ms
Loss rate: 29.58%
-- Flow 1:
Average throughput: 53.11 Mbit/s
95th percentile per-packet one-way delay: 67.245 ms
Loss rate: 29.58%

Run 6: Report of Verus — Data Link

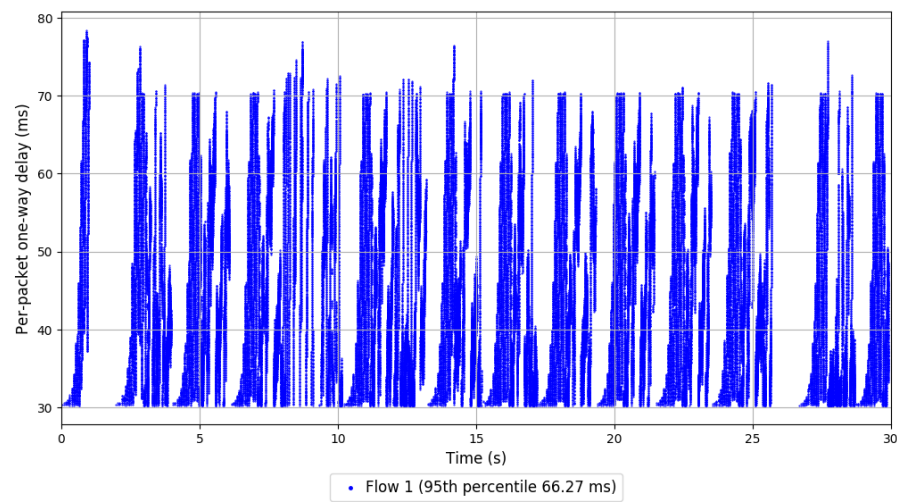
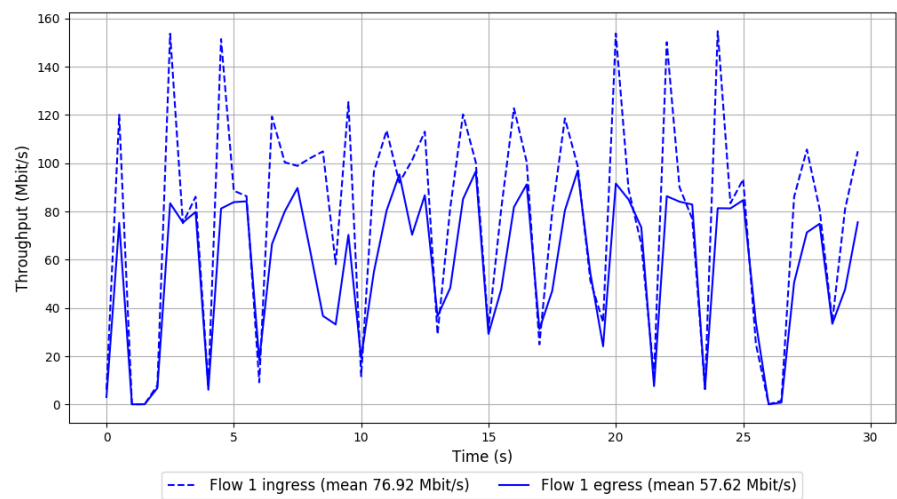


Run 7: Statistics of Verus

Start at: 2018-03-20 17:24:17
End at: 2018-03-20 17:24:47
Local clock offset: -0.439 ms
Remote clock offset: -0.853 ms

Below is generated by plot.py at 2018-03-20 19:31:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 66.271 ms
Loss rate: 25.07%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 66.271 ms
Loss rate: 25.07%

Run 7: Report of Verus — Data Link

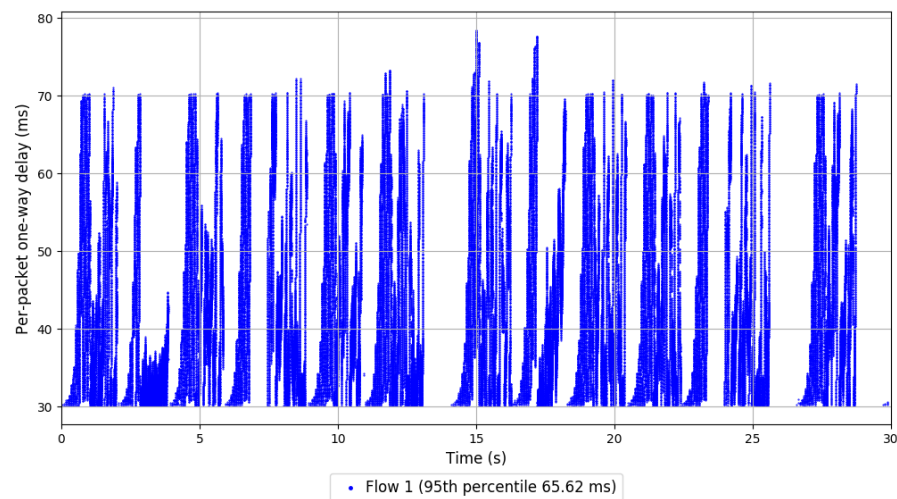
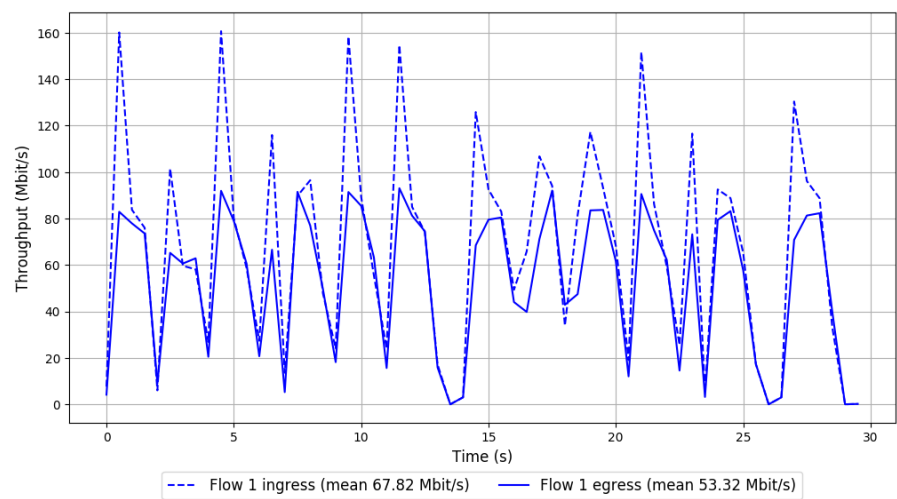


Run 8: Statistics of Verus

Start at: 2018-03-20 17:48:39
End at: 2018-03-20 17:49:09
Local clock offset: -0.1 ms
Remote clock offset: -0.462 ms

Below is generated by plot.py at 2018-03-20 19:31:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 65.616 ms
Loss rate: 21.38%
-- Flow 1:
Average throughput: 53.32 Mbit/s
95th percentile per-packet one-way delay: 65.616 ms
Loss rate: 21.38%

Run 8: Report of Verus — Data Link

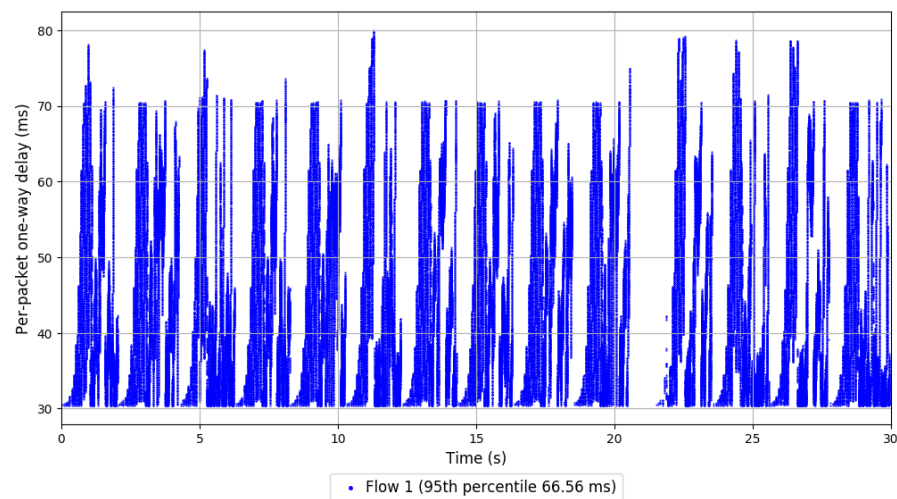
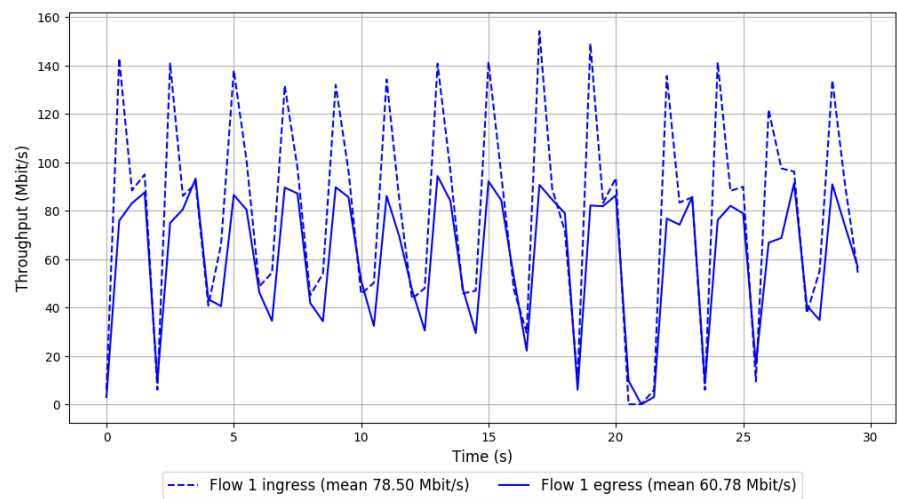


Run 9: Statistics of Verus

Start at: 2018-03-20 18:13:03
End at: 2018-03-20 18:13:33
Local clock offset: 0.341 ms
Remote clock offset: -1.674 ms

Below is generated by plot.py at 2018-03-20 19:31:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.78 Mbit/s
95th percentile per-packet one-way delay: 66.562 ms
Loss rate: 22.55%
-- Flow 1:
Average throughput: 60.78 Mbit/s
95th percentile per-packet one-way delay: 66.562 ms
Loss rate: 22.55%

Run 9: Report of Verus — Data Link

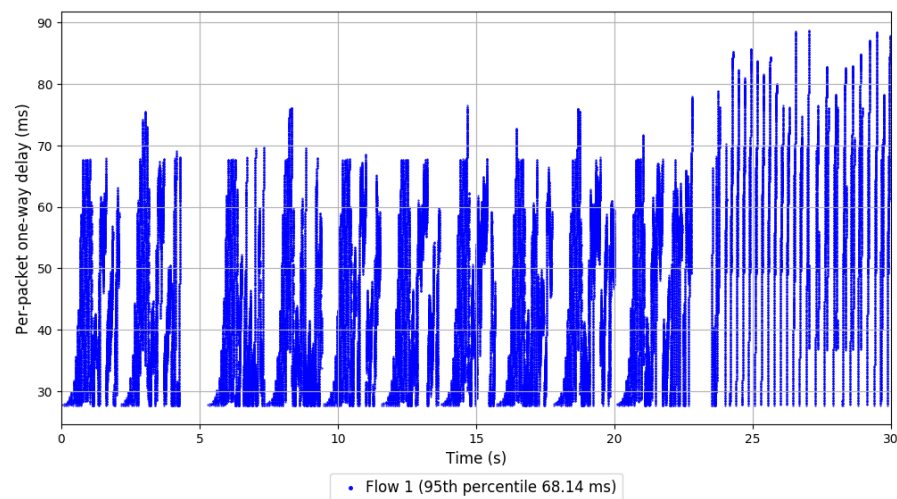
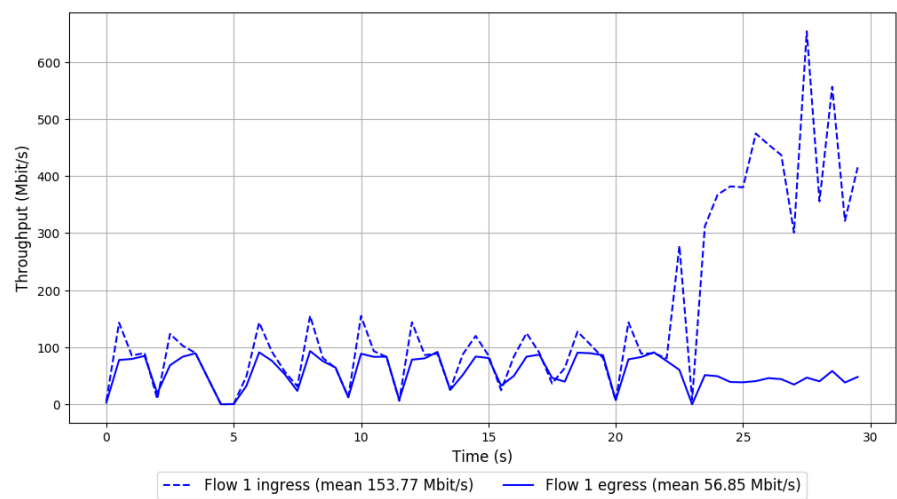


Run 10: Statistics of Verus

Start at: 2018-03-20 18:37:32
End at: 2018-03-20 18:38:03
Local clock offset: 0.114 ms
Remote clock offset: -3.826 ms

Below is generated by plot.py at 2018-03-20 19:31:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 68.143 ms
Loss rate: 63.00%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 68.143 ms
Loss rate: 63.00%

Run 10: Report of Verus — Data Link

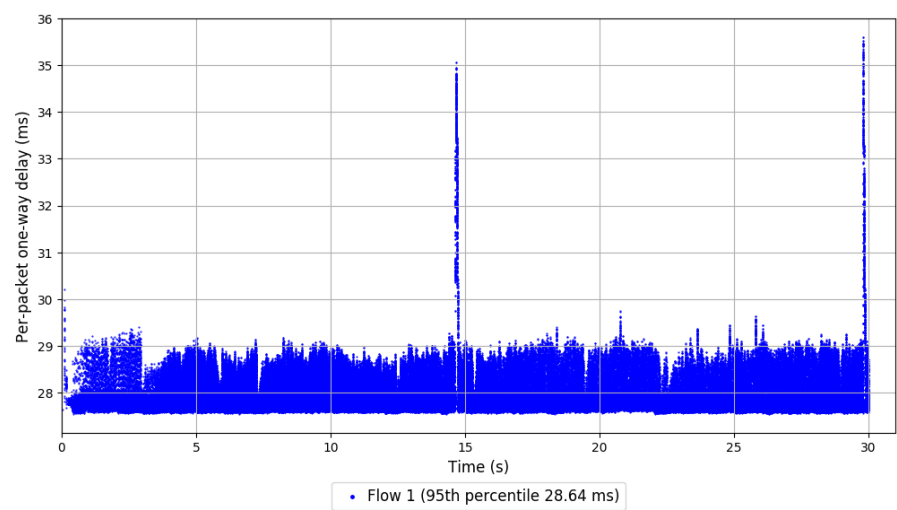
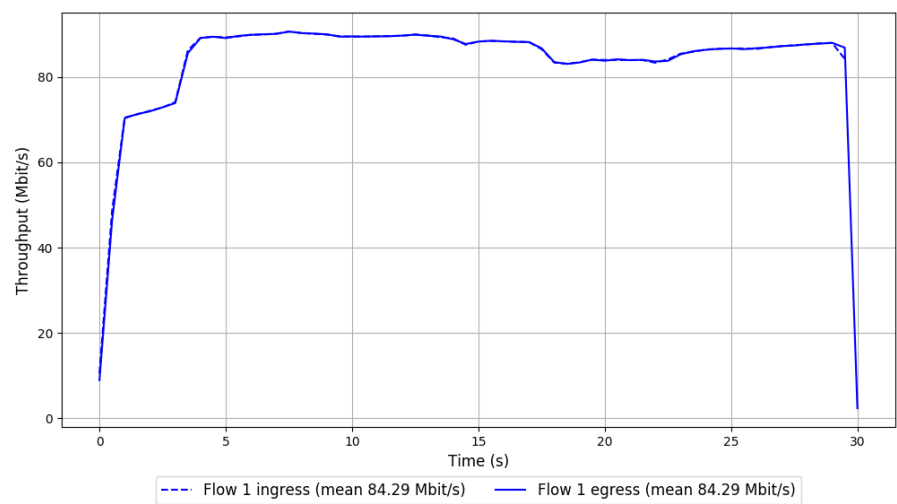


Run 1: Statistics of Copa

Start at: 2018-03-20 14:48:28
End at: 2018-03-20 14:48:58
Local clock offset: -0.347 ms
Remote clock offset: -4.162 ms

Below is generated by plot.py at 2018-03-20 19:32:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.29 Mbit/s
95th percentile per-packet one-way delay: 28.637 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.29 Mbit/s
95th percentile per-packet one-way delay: 28.637 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

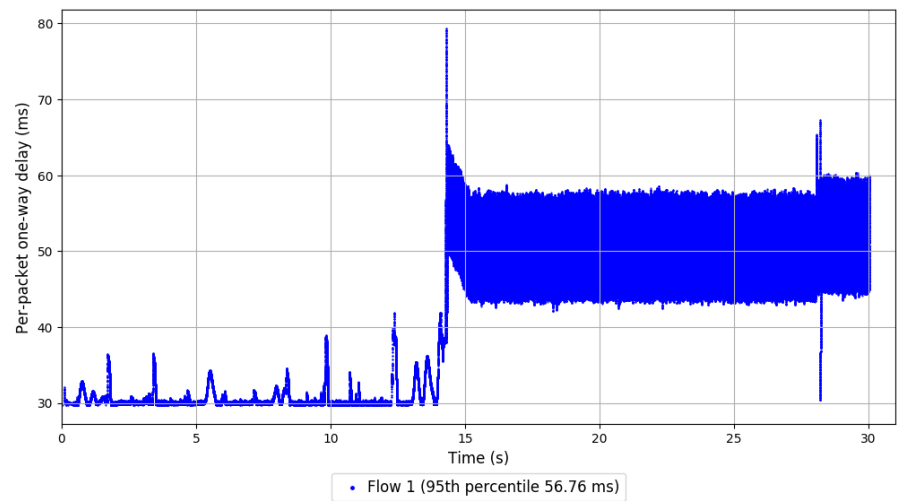
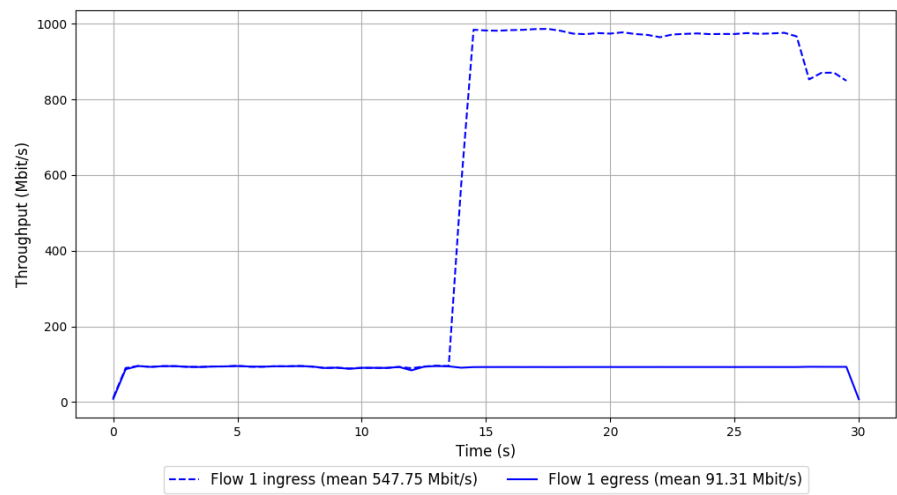


Run 2: Statistics of Copa

Start at: 2018-03-20 15:12:30
End at: 2018-03-20 15:13:00
Local clock offset: -0.401 ms
Remote clock offset: -2.486 ms

Below is generated by plot.py at 2018-03-20 19:36:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: 56.761 ms
Loss rate: 83.32%
-- Flow 1:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: 56.761 ms
Loss rate: 83.32%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-03-20 15:36:48

End at: 2018-03-20 15:37:18

Local clock offset: -0.561 ms

Remote clock offset: -5.42 ms

Below is generated by plot.py at 2018-03-20 19:36:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.52 Mbit/s

95th percentile per-packet one-way delay: 52.003 ms

Loss rate: 31.28%

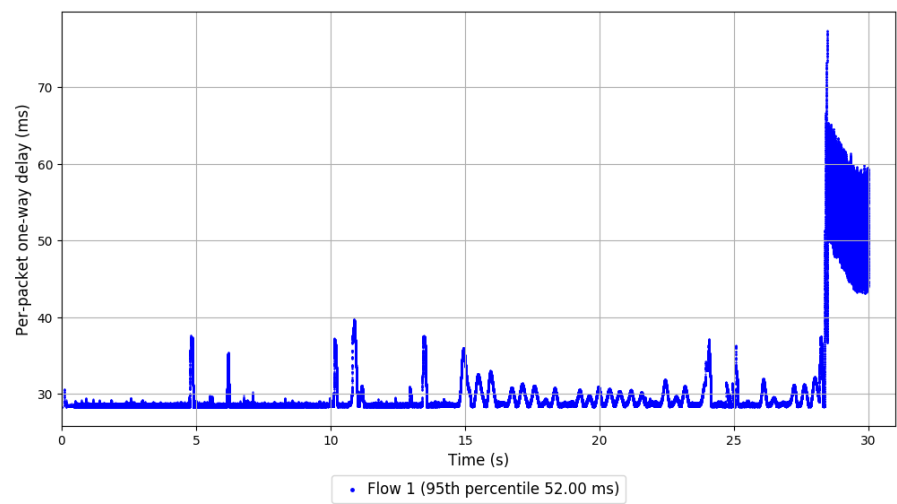
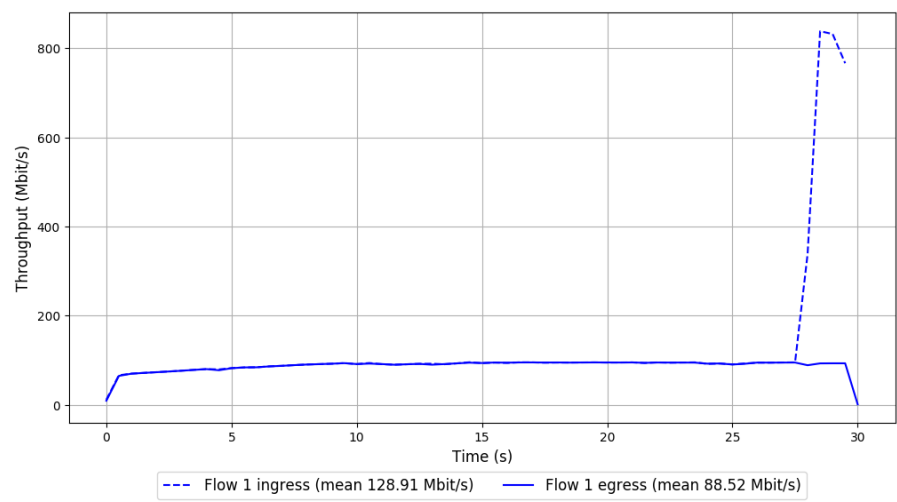
-- Flow 1:

Average throughput: 88.52 Mbit/s

95th percentile per-packet one-way delay: 52.003 ms

Loss rate: 31.28%

Run 3: Report of Copa — Data Link

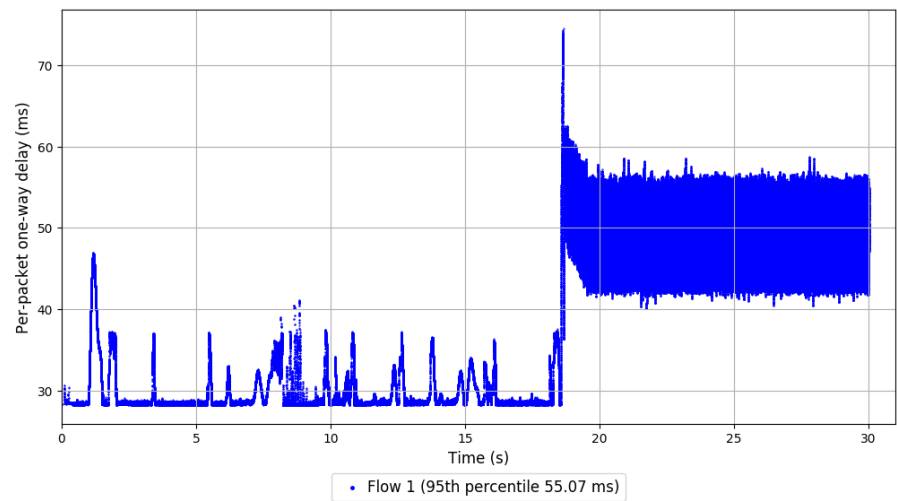
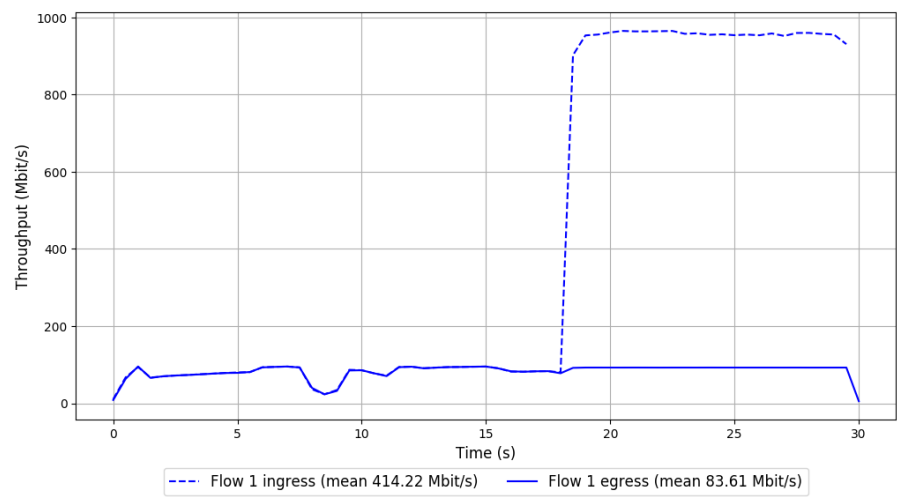


Run 4: Statistics of Copa

Start at: 2018-03-20 16:01:08
End at: 2018-03-20 16:01:38
Local clock offset: -0.522 ms
Remote clock offset: -4.07 ms

Below is generated by plot.py at 2018-03-20 19:36:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 55.068 ms
Loss rate: 79.81%
-- Flow 1:
Average throughput: 83.61 Mbit/s
95th percentile per-packet one-way delay: 55.068 ms
Loss rate: 79.81%

Run 4: Report of Copa — Data Link

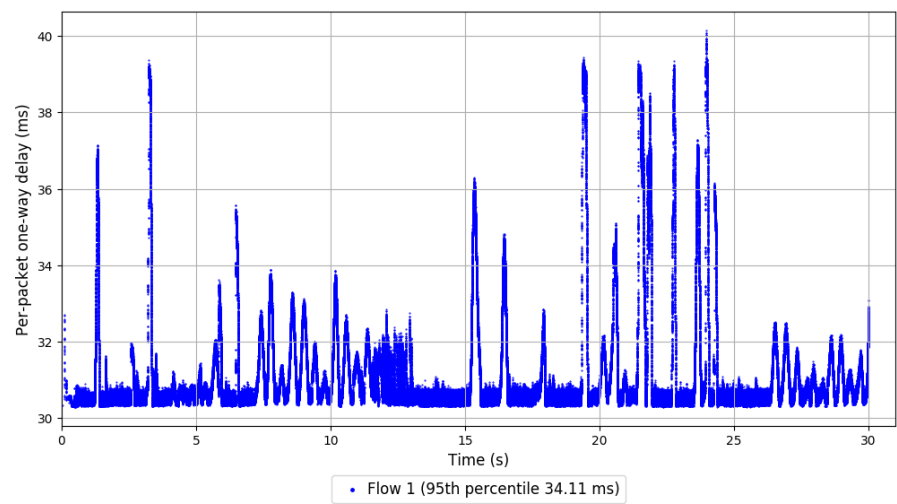
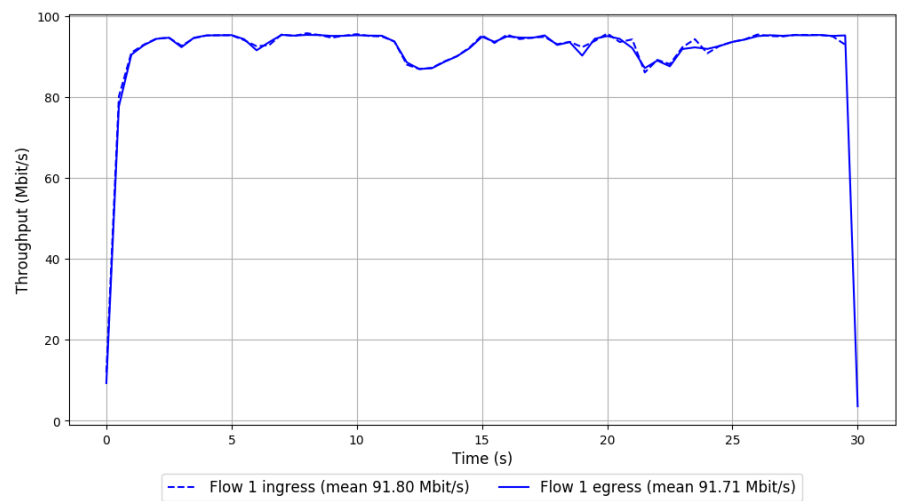


Run 5: Statistics of Copa

Start at: 2018-03-20 16:25:40
End at: 2018-03-20 16:26:10
Local clock offset: -0.125 ms
Remote clock offset: -1.272 ms

Below is generated by plot.py at 2018-03-20 19:36:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 34.107 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 34.107 ms
Loss rate: 0.09%

Run 5: Report of Copa — Data Link

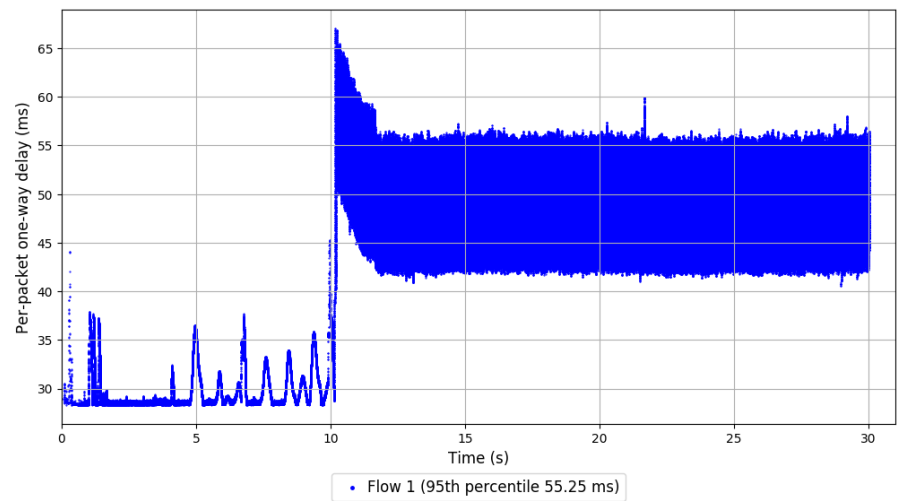
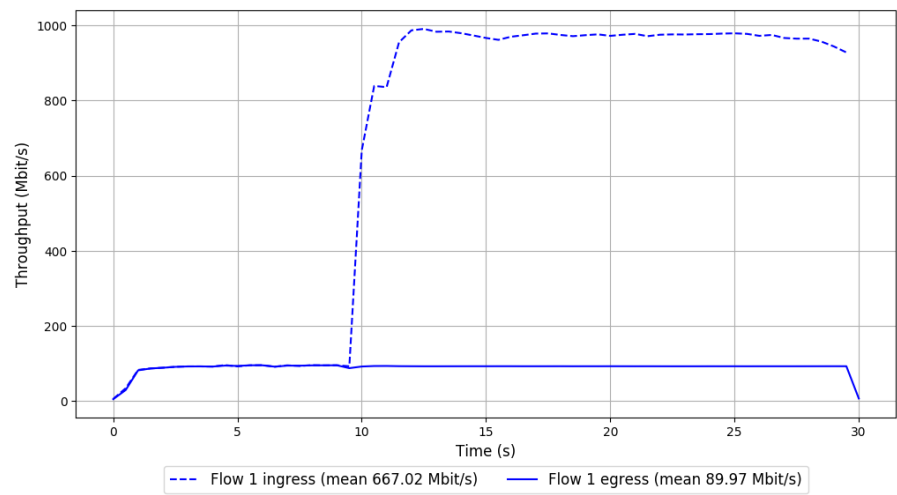


Run 6: Statistics of Copa

Start at: 2018-03-20 16:50:00
End at: 2018-03-20 16:50:30
Local clock offset: 0.22 ms
Remote clock offset: -2.661 ms

Below is generated by plot.py at 2018-03-20 19:38:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 55.249 ms
Loss rate: 86.50%
-- Flow 1:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 55.249 ms
Loss rate: 86.50%

Run 6: Report of Copa — Data Link

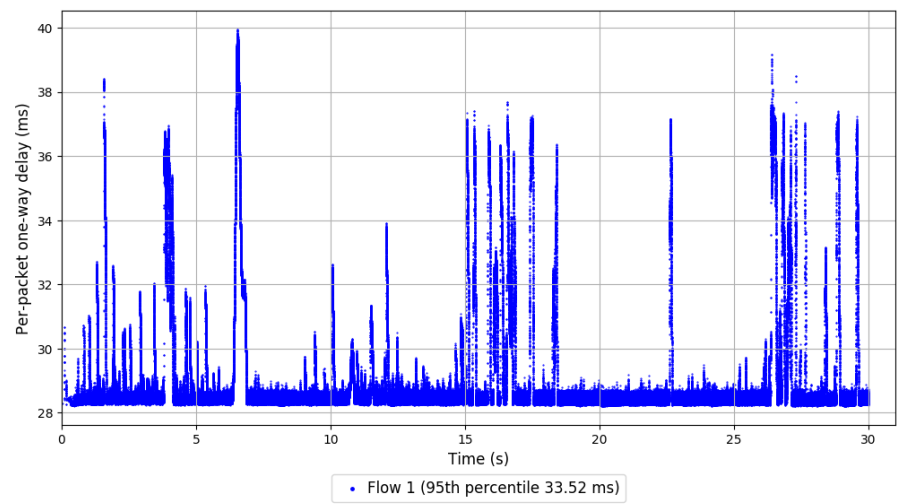
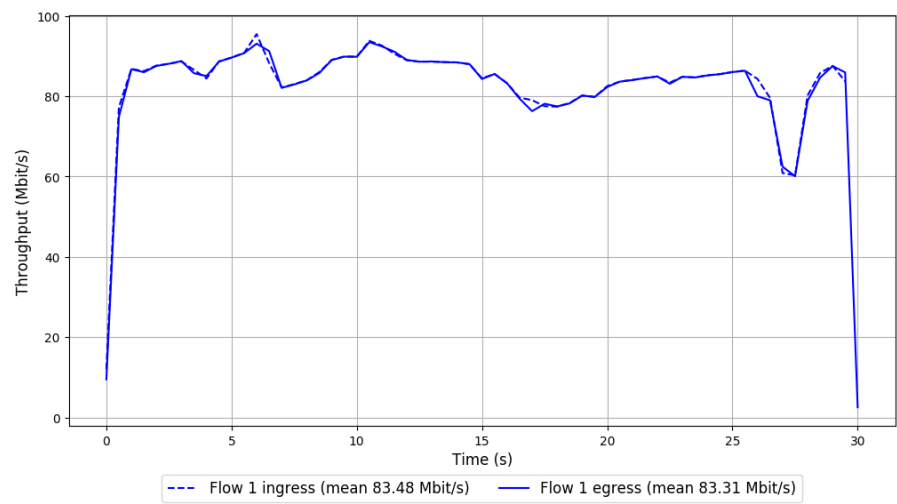


Run 7: Statistics of Copa

Start at: 2018-03-20 17:14:33
End at: 2018-03-20 17:15:03
Local clock offset: -0.176 ms
Remote clock offset: -3.048 ms

Below is generated by plot.py at 2018-03-20 19:38:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.31 Mbit/s
95th percentile per-packet one-way delay: 33.522 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 83.31 Mbit/s
95th percentile per-packet one-way delay: 33.522 ms
Loss rate: 0.20%

Run 7: Report of Copa — Data Link

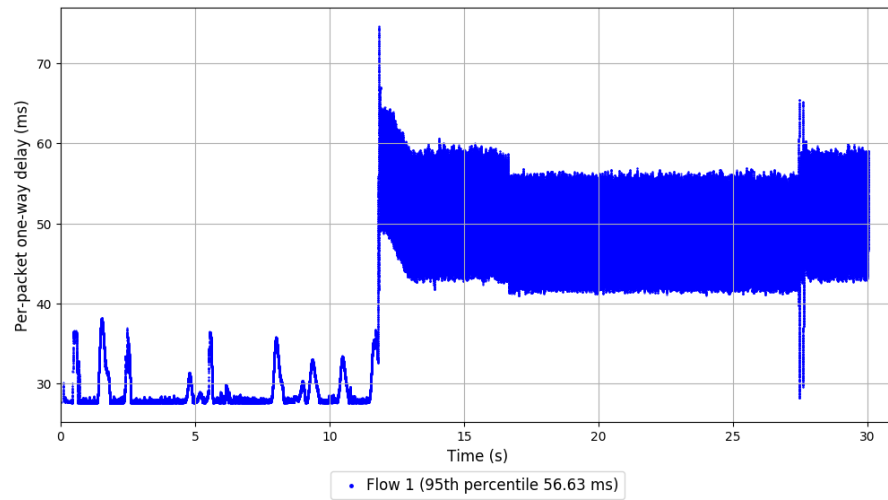
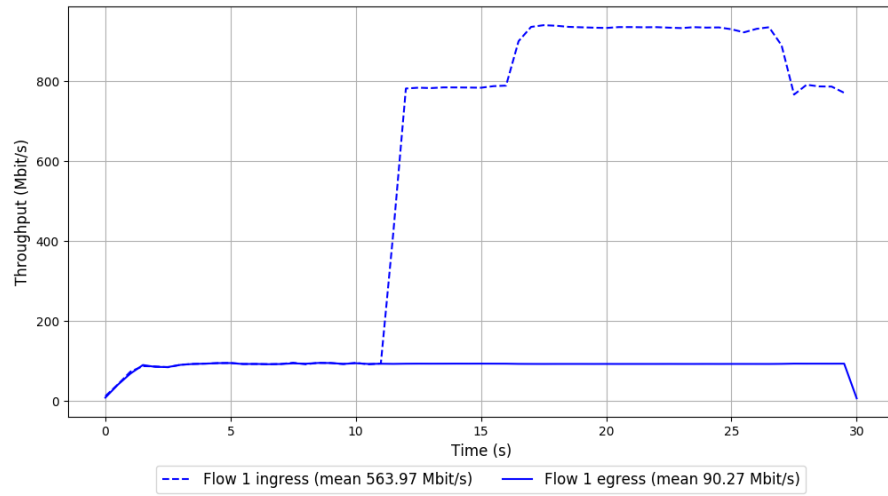


Run 8: Statistics of Copa

Start at: 2018-03-20 17:38:57
End at: 2018-03-20 17:39:27
Local clock offset: -0.596 ms
Remote clock offset: -3.005 ms

Below is generated by plot.py at 2018-03-20 19:38:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 56.626 ms
Loss rate: 83.98%
-- Flow 1:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 56.626 ms
Loss rate: 83.98%

Run 8: Report of Copa — Data Link

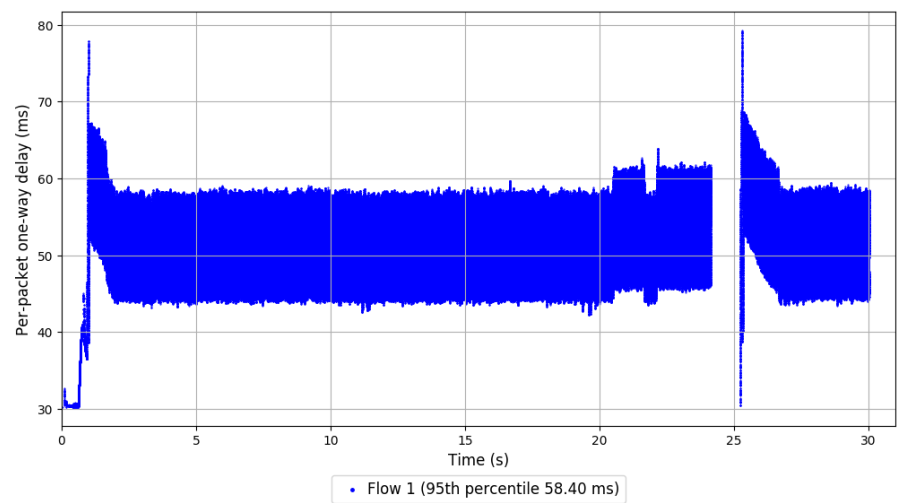
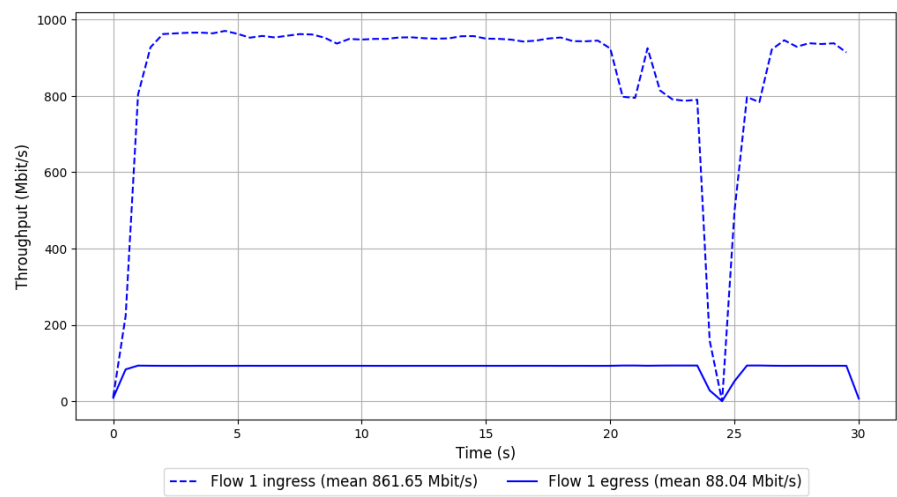


Run 9: Statistics of Copa

Start at: 2018-03-20 18:03:14
End at: 2018-03-20 18:03:44
Local clock offset: 0.232 ms
Remote clock offset: -0.483 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 58.398 ms
Loss rate: 89.78%
-- Flow 1:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 58.398 ms
Loss rate: 89.78%

Run 9: Report of Copa — Data Link

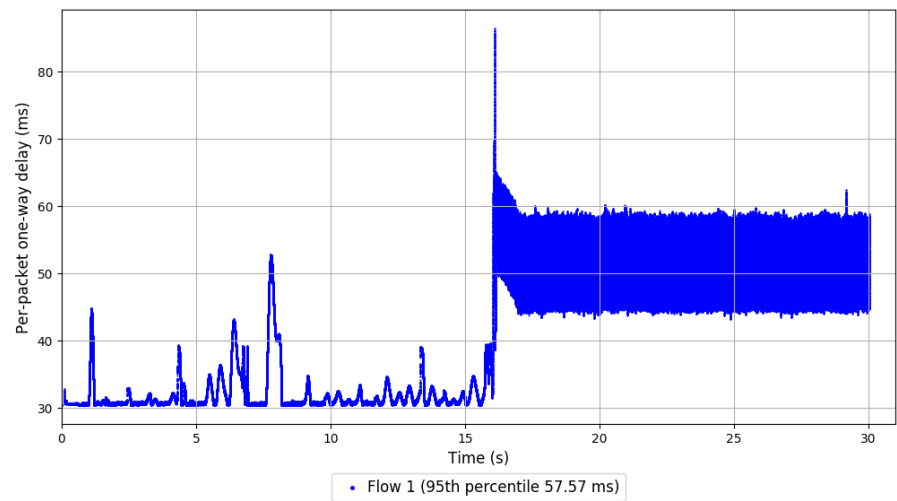
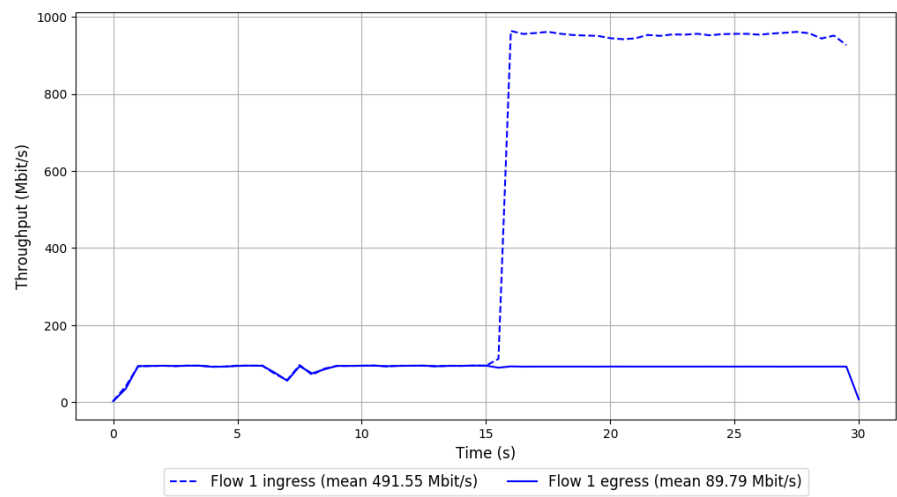


Run 10: Statistics of Copa

Start at: 2018-03-20 18:27:41
End at: 2018-03-20 18:28:11
Local clock offset: 0.122 ms
Remote clock offset: -1.798 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 57.574 ms
Loss rate: 81.72%
-- Flow 1:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 57.574 ms
Loss rate: 81.72%

Run 10: Report of Copa — Data Link

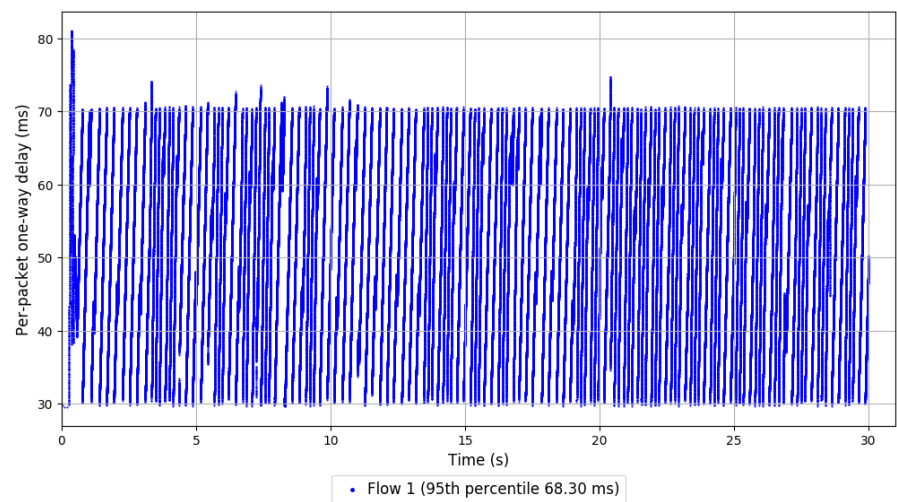
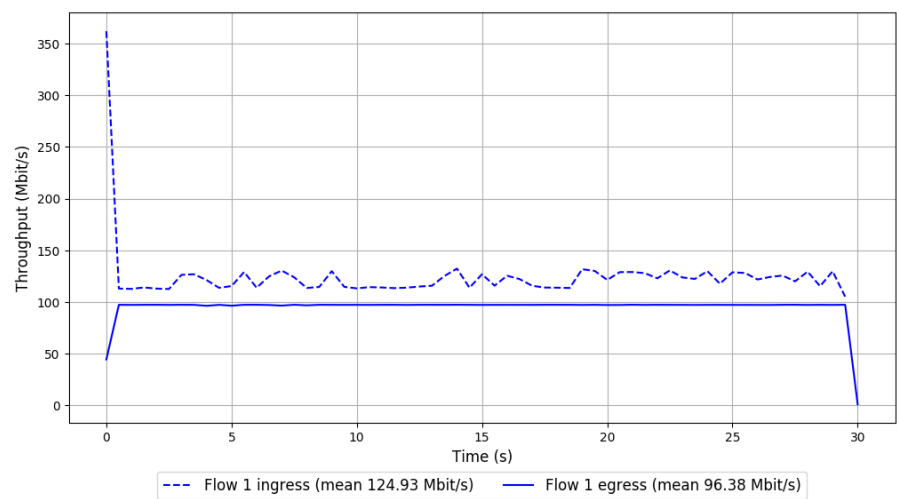


Run 1: Statistics of FillP

Start at: 2018-03-20 14:55:14
End at: 2018-03-20 14:55:44
Local clock offset: -0.315 ms
Remote clock offset: -2.107 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 68.303 ms
Loss rate: 22.80%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 68.303 ms
Loss rate: 22.80%

Run 1: Report of FillP — Data Link

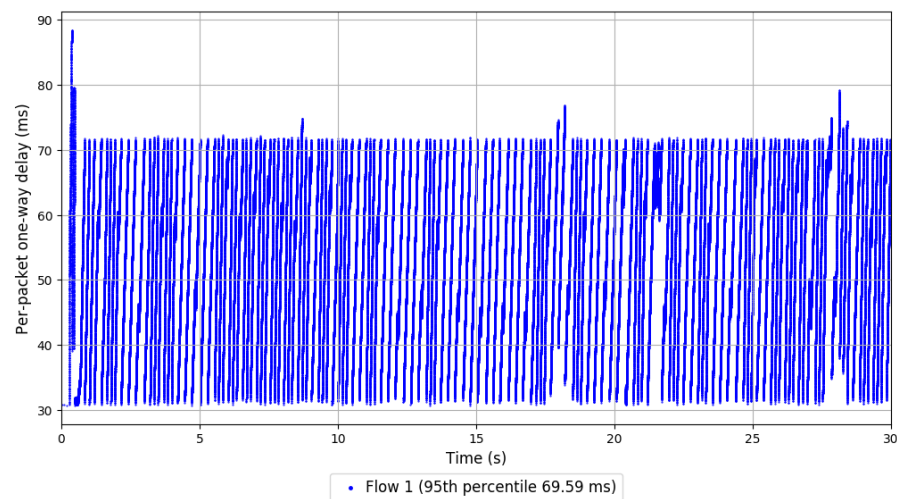
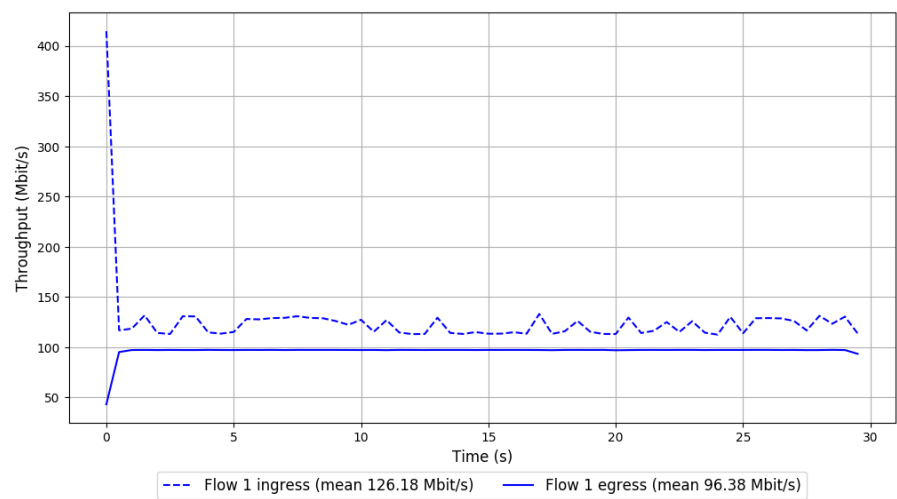


Run 2: Statistics of FillP

Start at: 2018-03-20 15:19:32
End at: 2018-03-20 15:20:02
Local clock offset: -0.313 ms
Remote clock offset: -2.398 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 69.593 ms
Loss rate: 23.60%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 69.593 ms
Loss rate: 23.60%

Run 2: Report of FillP — Data Link

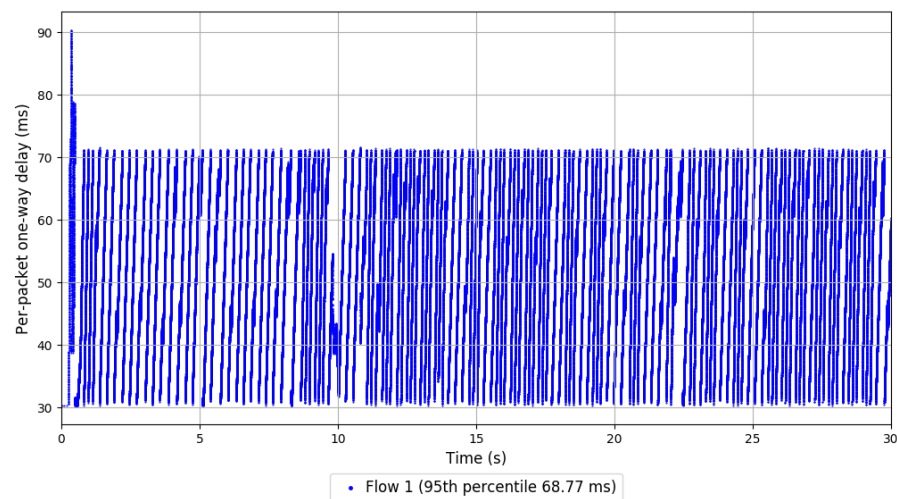
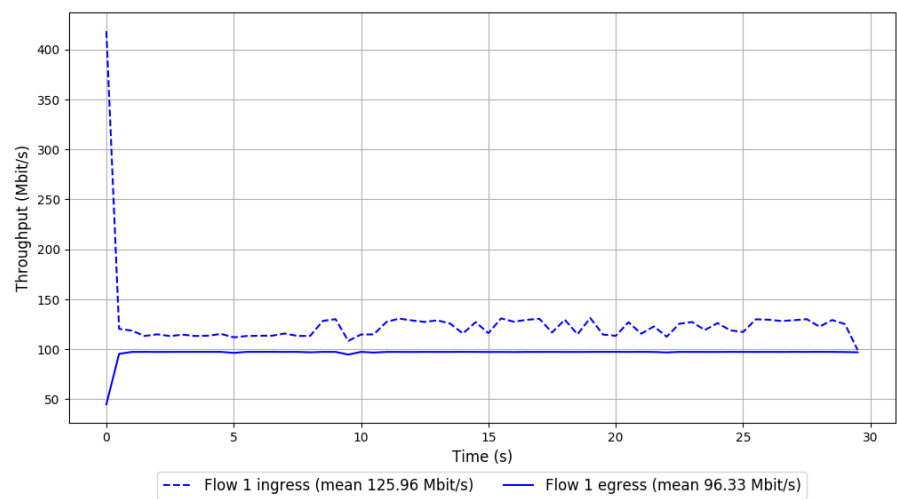


Run 3: Statistics of FillP

Start at: 2018-03-20 15:43:40
End at: 2018-03-20 15:44:10
Local clock offset: -0.614 ms
Remote clock offset: -3.555 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 68.774 ms
Loss rate: 23.45%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 68.774 ms
Loss rate: 23.45%

Run 3: Report of FillP — Data Link

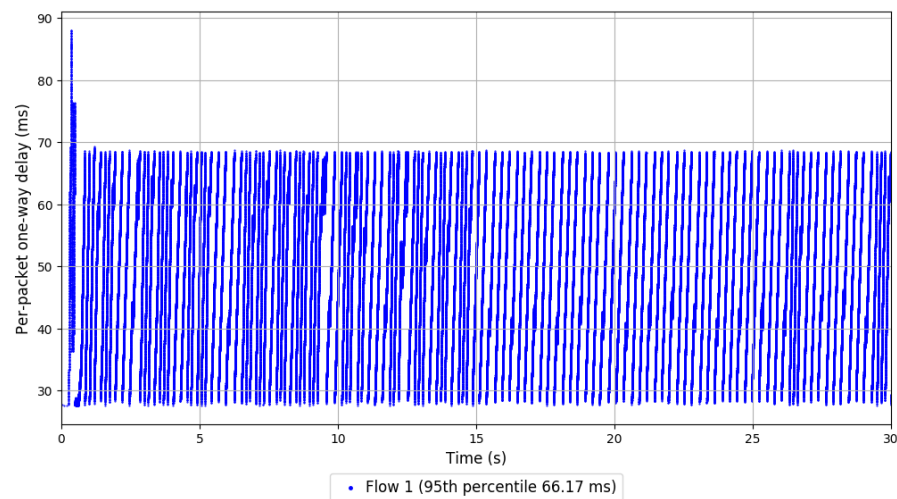
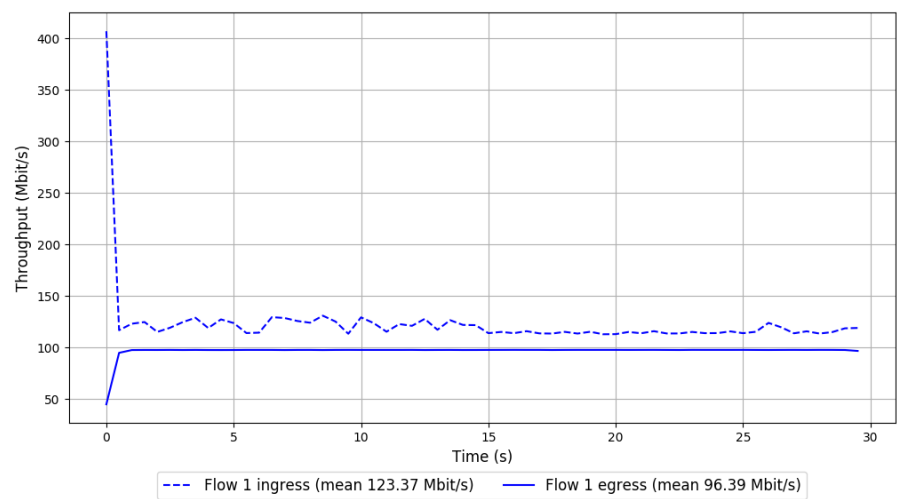


Run 4: Statistics of FillP

Start at: 2018-03-20 16:08:16
End at: 2018-03-20 16:08:46
Local clock offset: -0.403 ms
Remote clock offset: -3.809 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 66.168 ms
Loss rate: 21.87%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 66.168 ms
Loss rate: 21.87%

Run 4: Report of FillP — Data Link

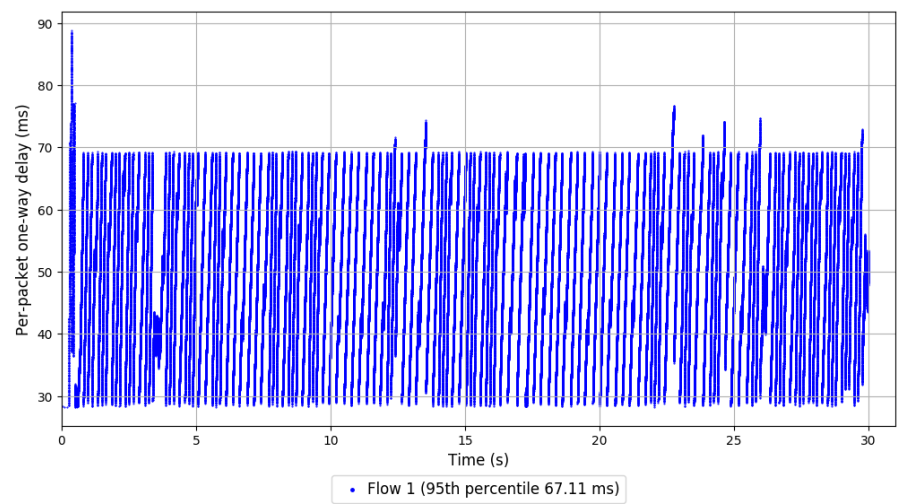
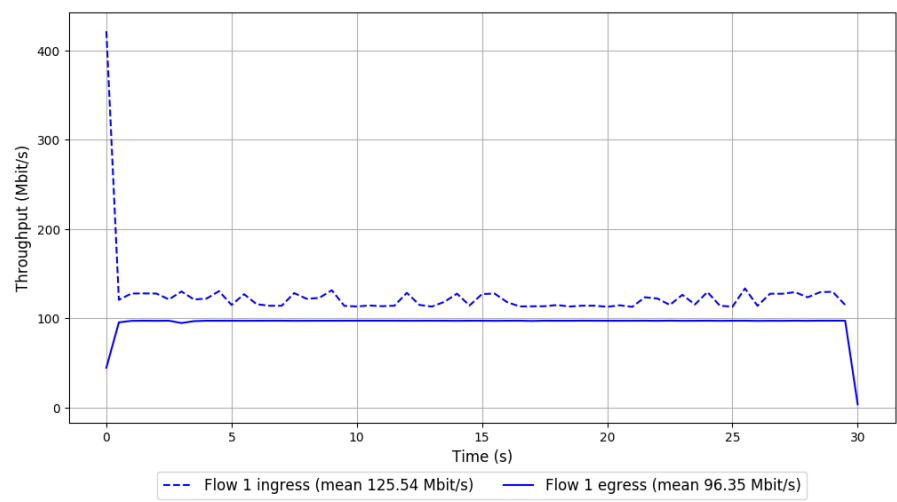


Run 5: Statistics of FillP

Start at: 2018-03-20 16:32:34
End at: 2018-03-20 16:33:04
Local clock offset: -0.086 ms
Remote clock offset: -3.098 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 67.105 ms
Loss rate: 23.19%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 67.105 ms
Loss rate: 23.19%

Run 5: Report of FillP — Data Link

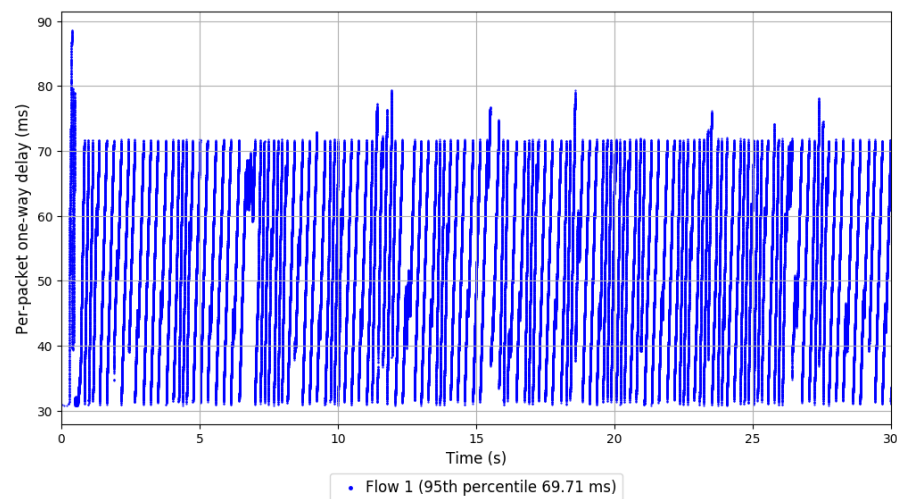
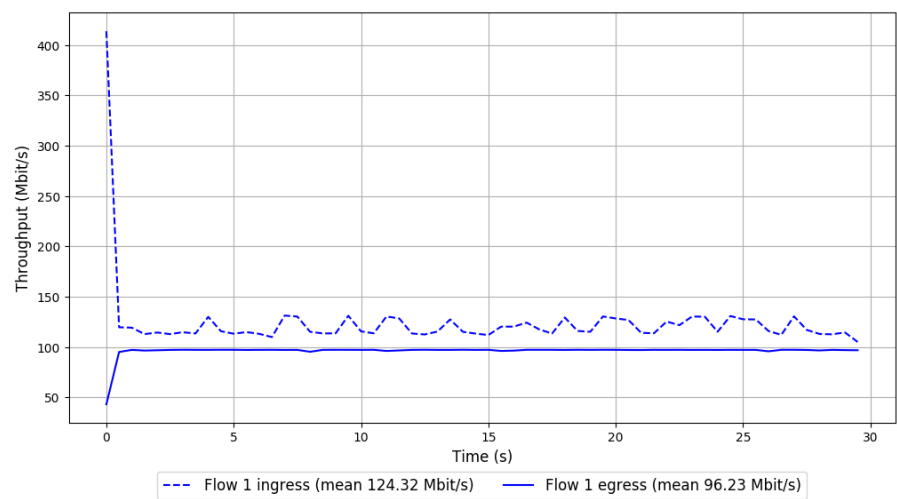


Run 6: Statistics of FillP

Start at: 2018-03-20 16:57:08
End at: 2018-03-20 16:57:38
Local clock offset: 0.18 ms
Remote clock offset: -0.448 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 69.706 ms
Loss rate: 22.58%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 69.706 ms
Loss rate: 22.58%

Run 6: Report of FillP — Data Link

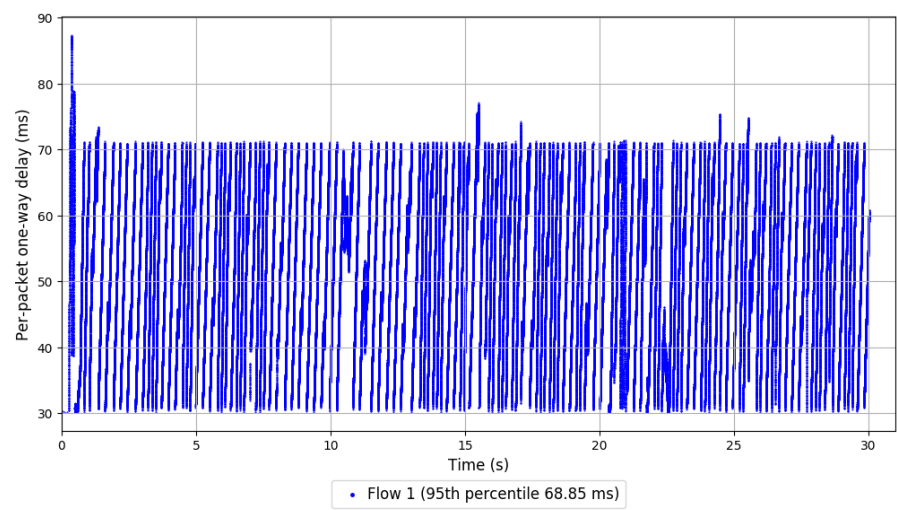
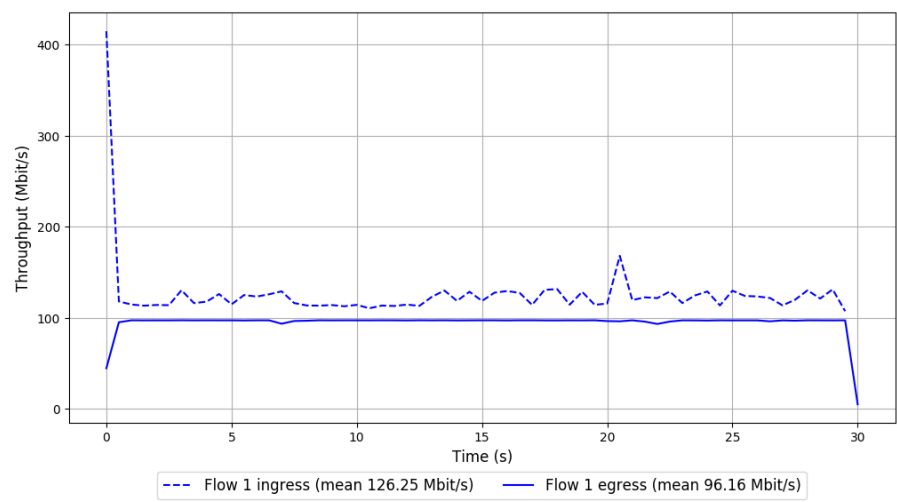


Run 7: Statistics of FillP

Start at: 2018-03-20 17:21:36
End at: 2018-03-20 17:22:06
Local clock offset: -0.484 ms
Remote clock offset: -0.423 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 68.853 ms
Loss rate: 23.75%
-- Flow 1:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 68.853 ms
Loss rate: 23.75%

Run 7: Report of FillP — Data Link

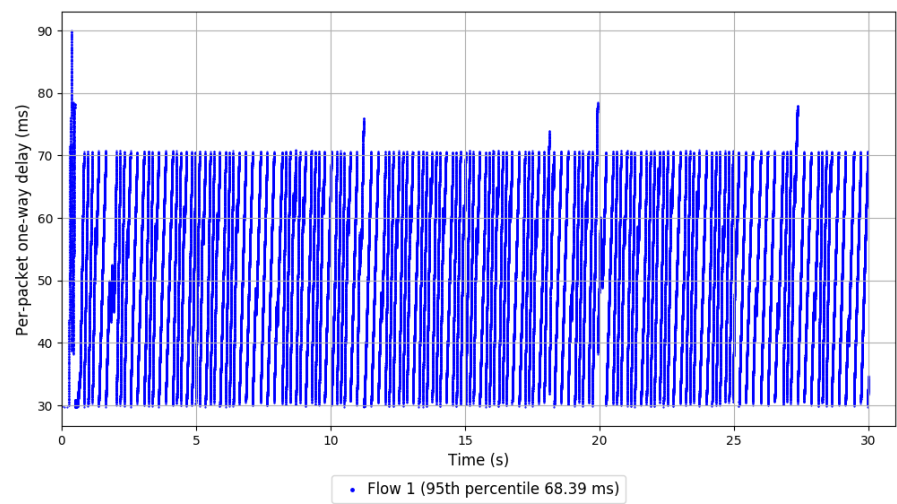
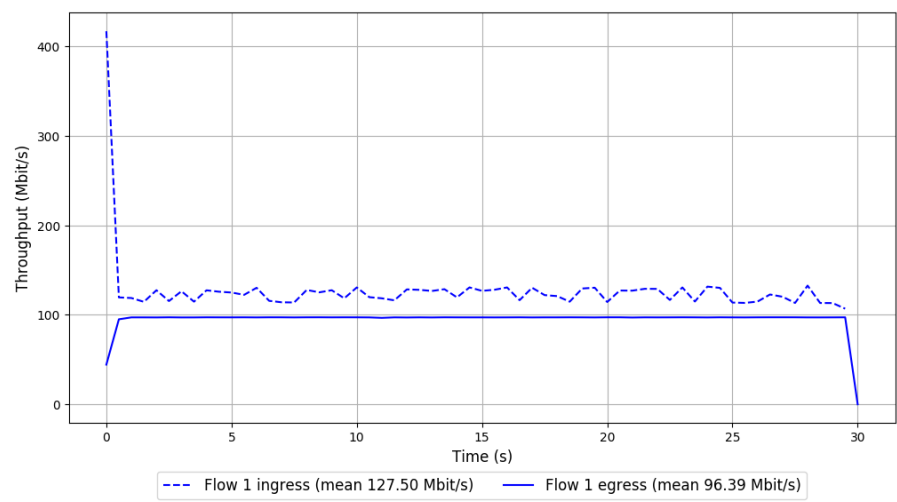


Run 8: Statistics of FillP

Start at: 2018-03-20 17:45:58
End at: 2018-03-20 17:46:28
Local clock offset: -0.294 ms
Remote clock offset: -0.921 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 68.391 ms
Loss rate: 24.39%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 68.391 ms
Loss rate: 24.39%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-20 18:10:23

End at: 2018-03-20 18:10:53

Local clock offset: 0.398 ms

Remote clock offset: -1.56 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 69.244 ms

Loss rate: 23.89%

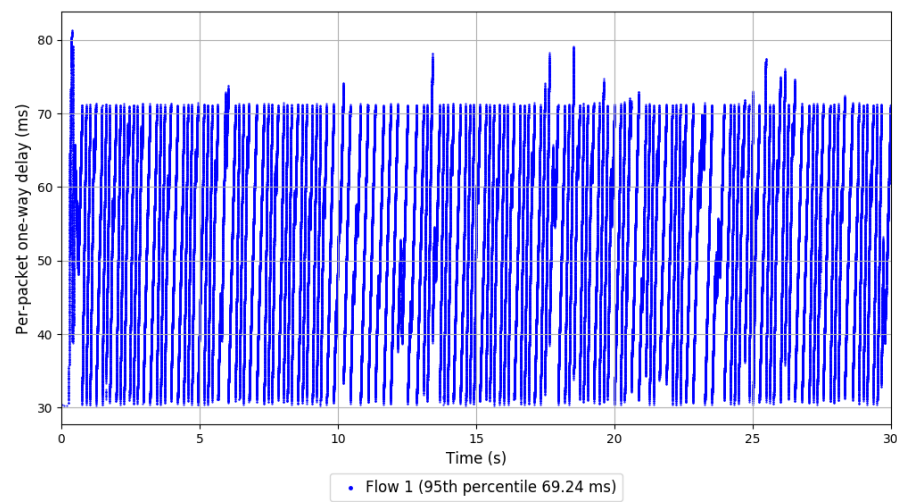
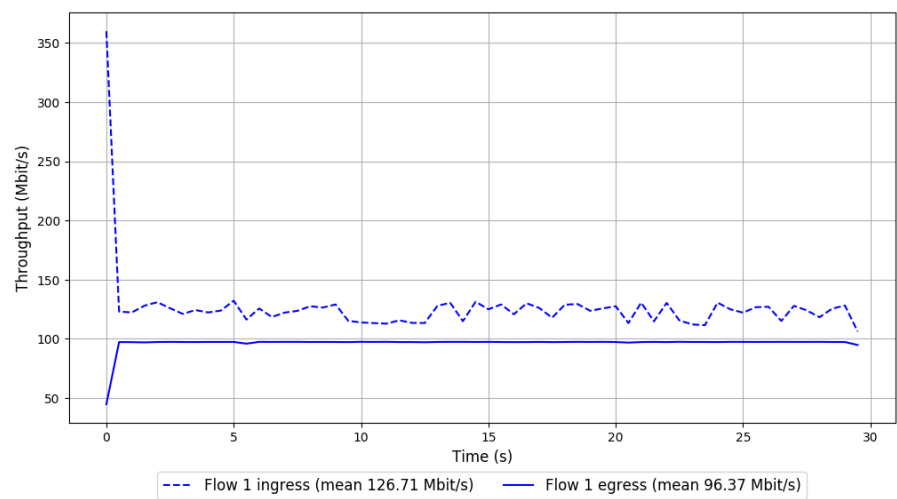
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 69.244 ms

Loss rate: 23.89%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-03-20 18:34:53

End at: 2018-03-20 18:35:23

Local clock offset: 0.181 ms

Remote clock offset: -3.873 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.39 Mbit/s

95th percentile per-packet one-way delay: 66.507 ms

Loss rate: 23.05%

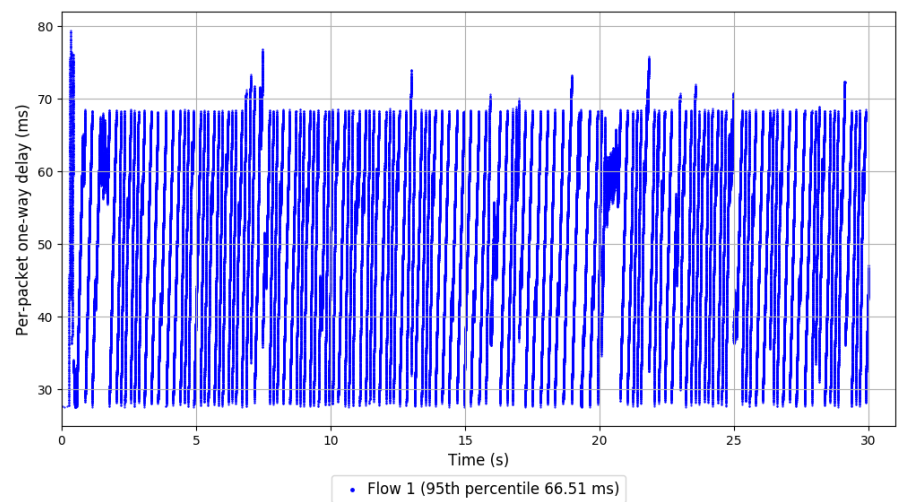
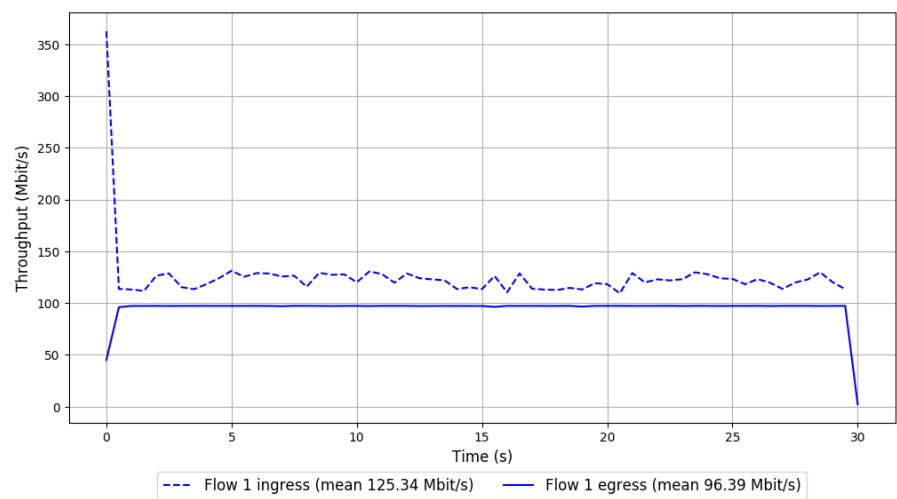
-- Flow 1:

Average throughput: 96.39 Mbit/s

95th percentile per-packet one-way delay: 66.507 ms

Loss rate: 23.05%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-20 15:03:19

End at: 2018-03-20 15:03:49

Local clock offset: -0.297 ms

Remote clock offset: -2.18 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 34.504 ms

Loss rate: 0.22%

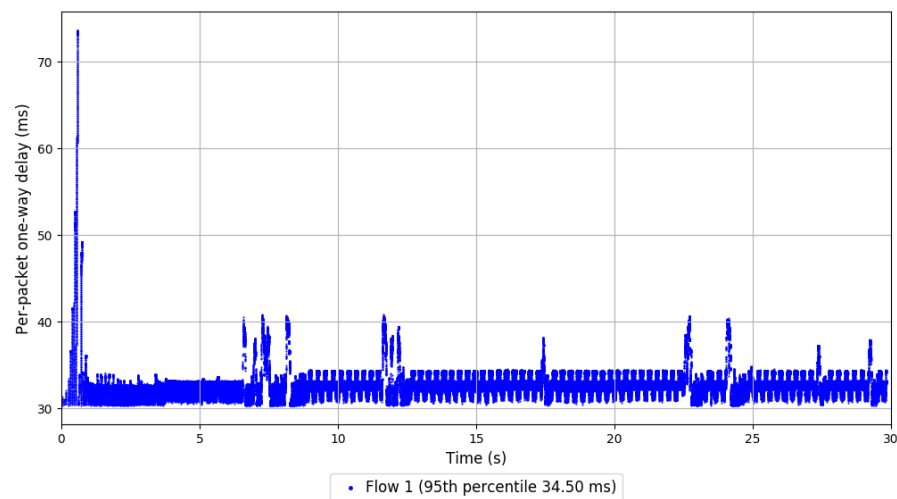
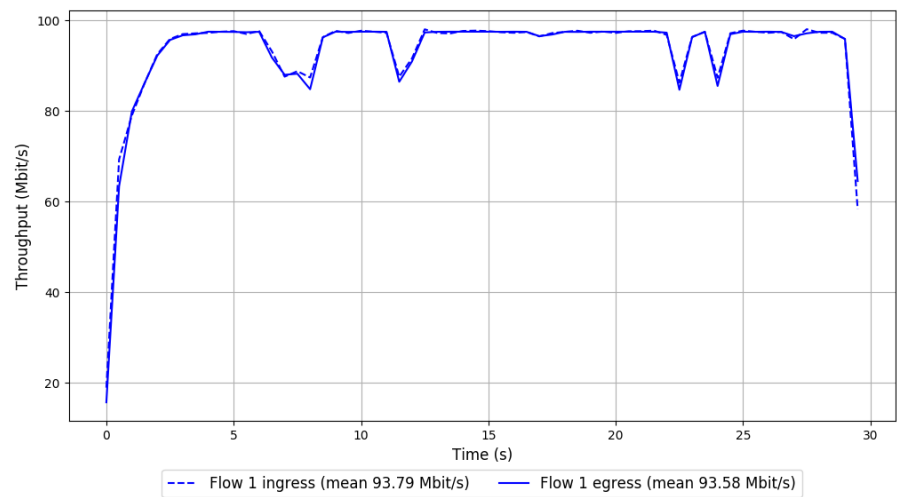
-- Flow 1:

Average throughput: 93.58 Mbit/s

95th percentile per-packet one-way delay: 34.504 ms

Loss rate: 0.22%

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

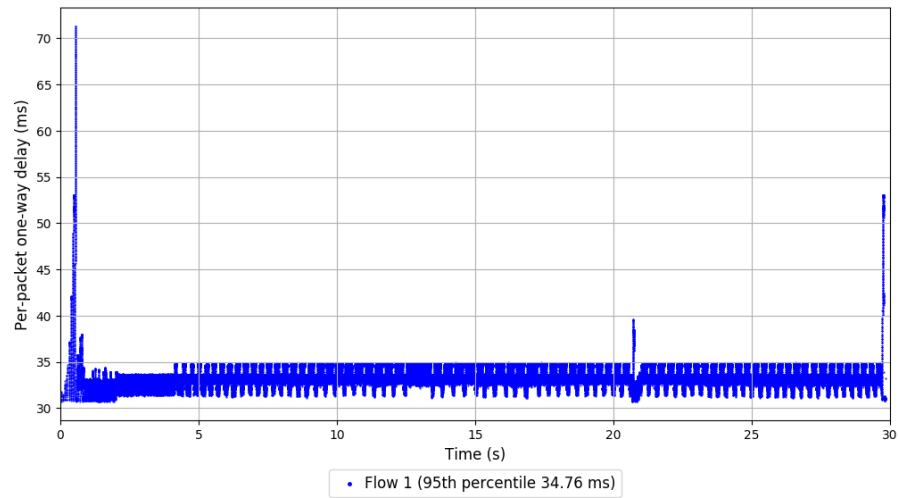
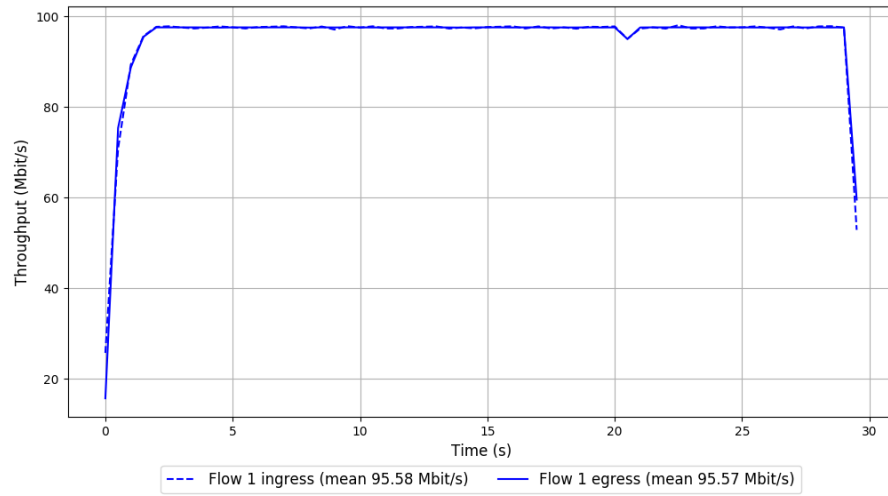


Run 2: Statistics of Indigo-1-32

Start at: 2018-03-20 15:27:37
End at: 2018-03-20 15:28:07
Local clock offset: -0.409 ms
Remote clock offset: -2.677 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 34.758 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 34.758 ms
Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-20 15:51:51

End at: 2018-03-20 15:52:21

Local clock offset: -0.749 ms

Remote clock offset: -2.53 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 34.852 ms

Loss rate: 0.09%

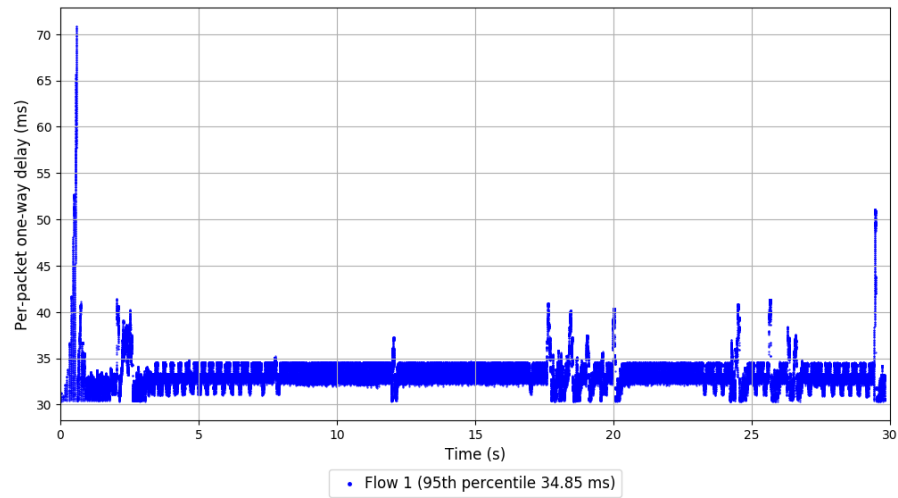
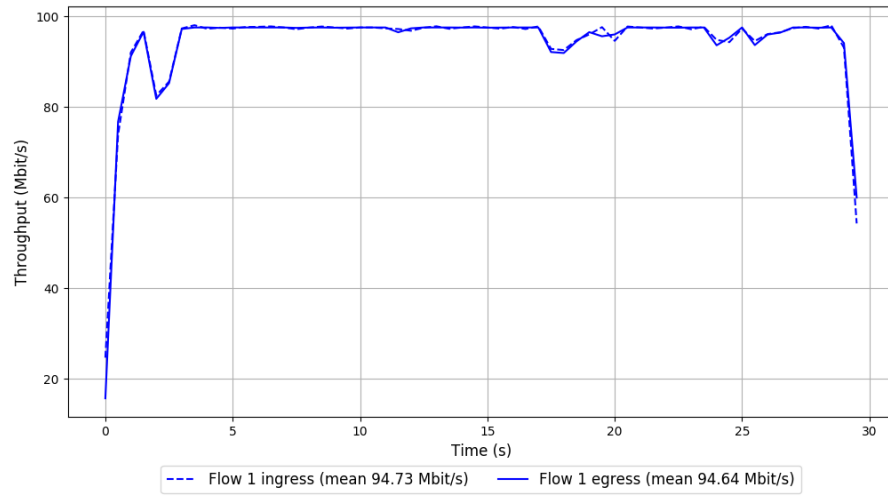
-- Flow 1:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 34.852 ms

Loss rate: 0.09%

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

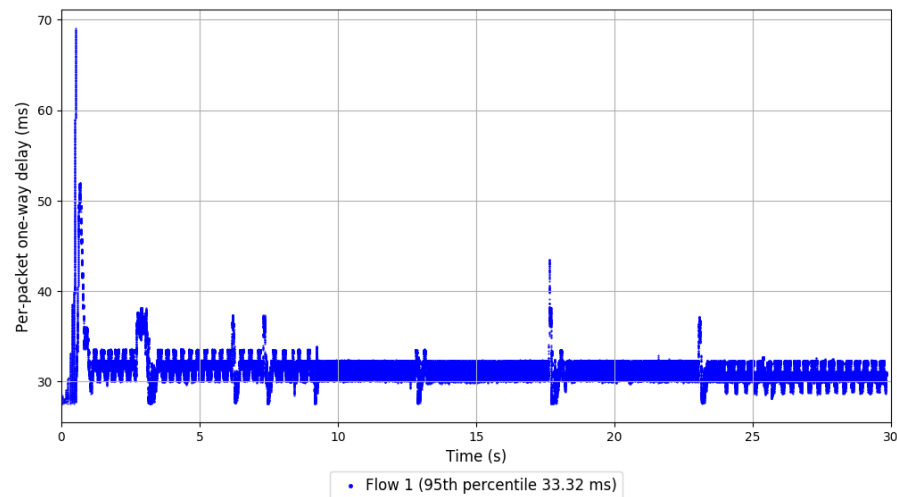
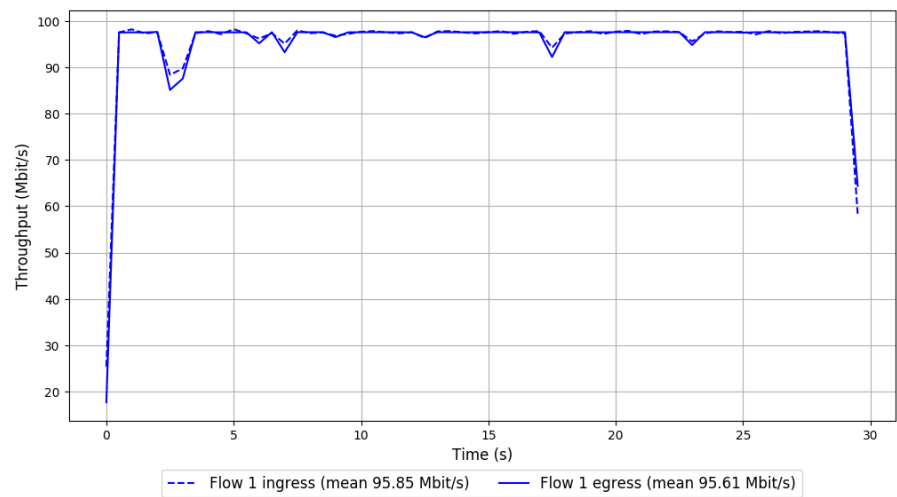


Run 4: Statistics of Indigo-1-32

Start at: 2018-03-20 16:16:26
End at: 2018-03-20 16:16:56
Local clock offset: -0.216 ms
Remote clock offset: -3.649 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 33.323 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 33.323 ms
Loss rate: 0.23%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-20 16:40:46

End at: 2018-03-20 16:41:16

Local clock offset: 0.035 ms

Remote clock offset: -0.419 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.79 Mbit/s

95th percentile per-packet one-way delay: 33.758 ms

Loss rate: 0.15%

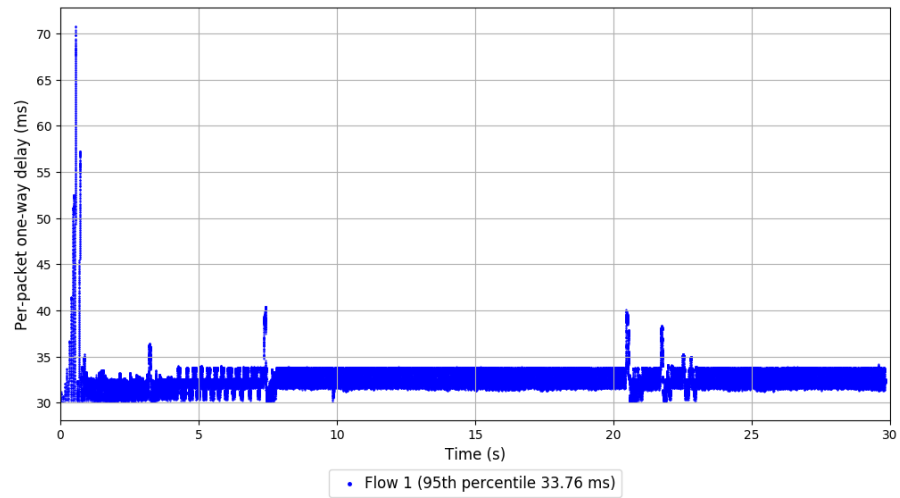
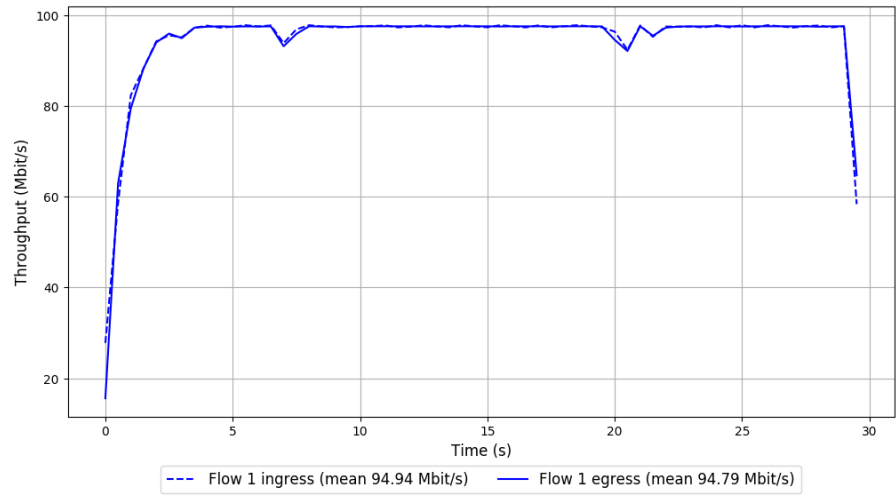
-- Flow 1:

Average throughput: 94.79 Mbit/s

95th percentile per-packet one-way delay: 33.758 ms

Loss rate: 0.15%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-20 17:05:19

End at: 2018-03-20 17:05:49

Local clock offset: 0.315 ms

Remote clock offset: -0.623 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 35.976 ms

Loss rate: 0.21%

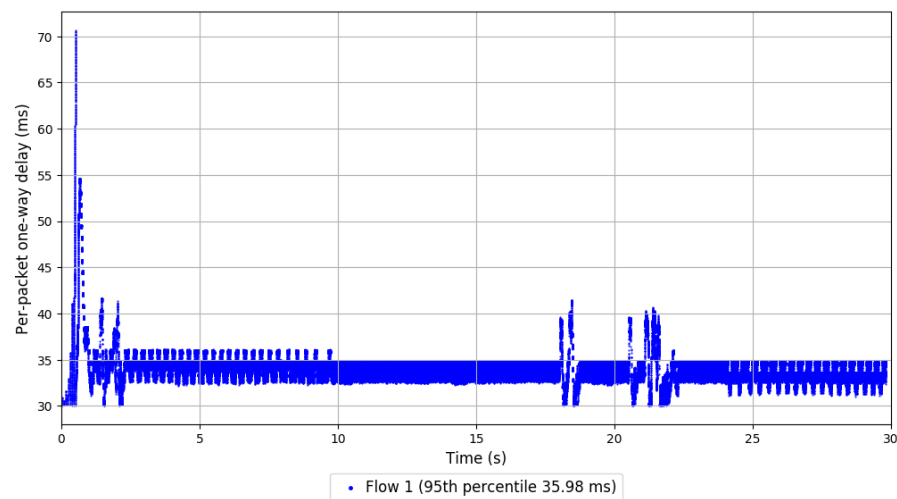
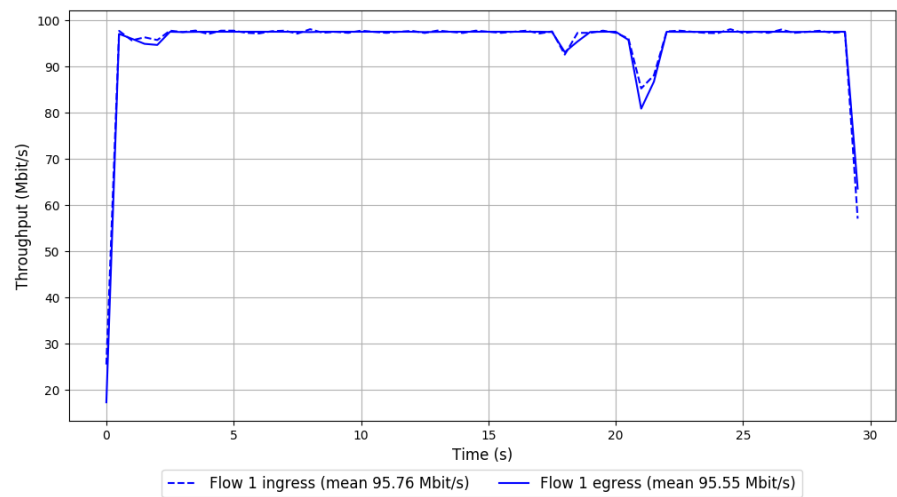
-- Flow 1:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 35.976 ms

Loss rate: 0.21%

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

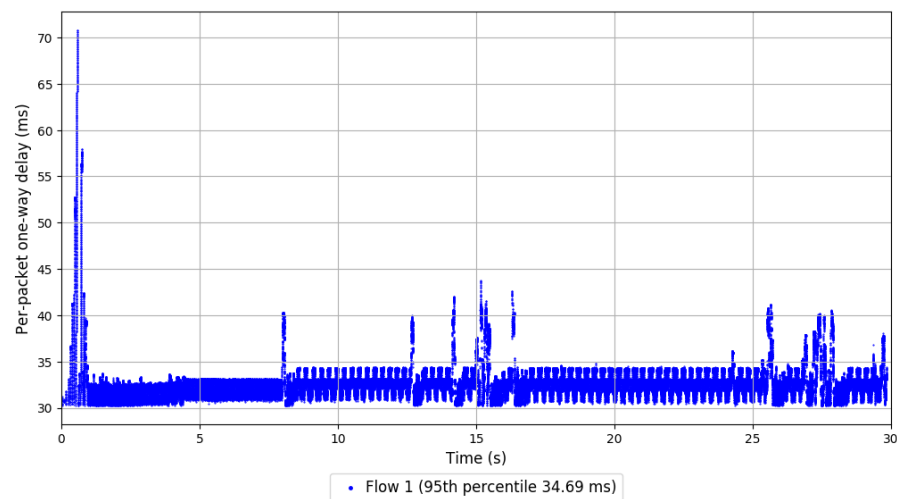
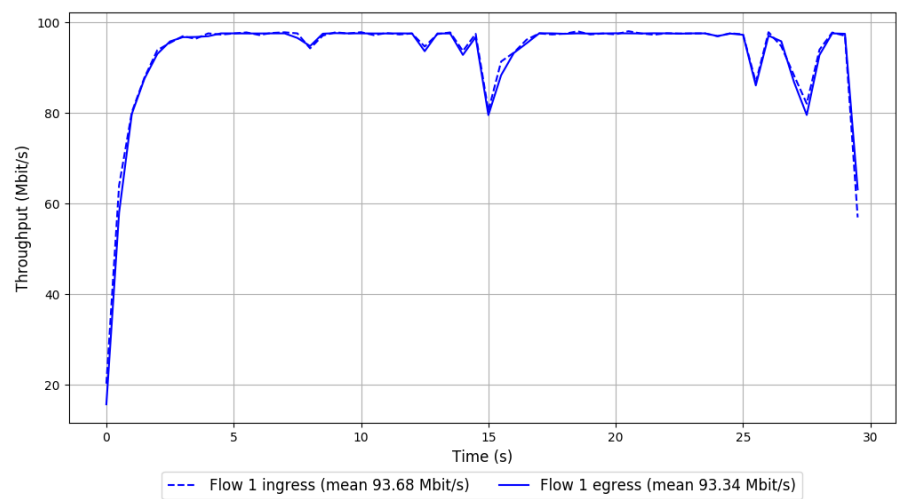


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-20 17:29:45
End at: 2018-03-20 17:30:15
Local clock offset: -0.499 ms
Remote clock offset: -0.887 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 34.691 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 34.691 ms
Loss rate: 0.34%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-20 17:54:03

End at: 2018-03-20 17:54:33

Local clock offset: 0.036 ms

Remote clock offset: -0.815 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.94 Mbit/s

95th percentile per-packet one-way delay: 34.150 ms

Loss rate: 0.14%

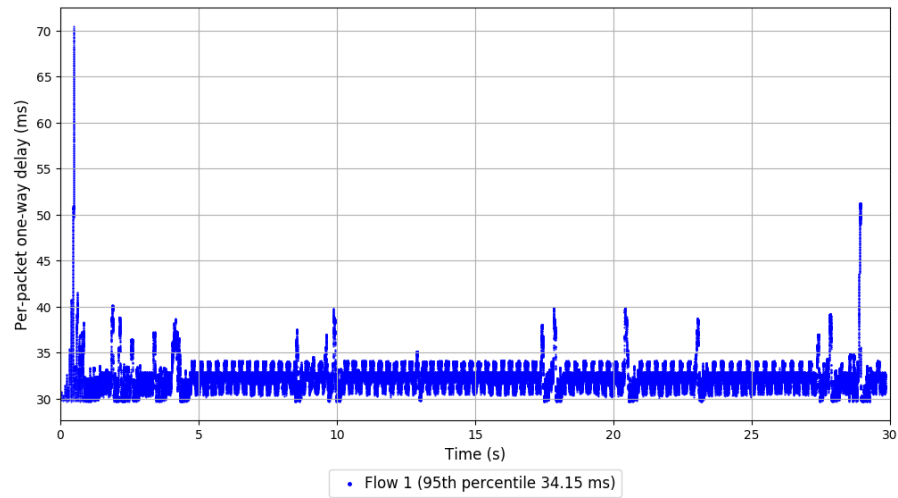
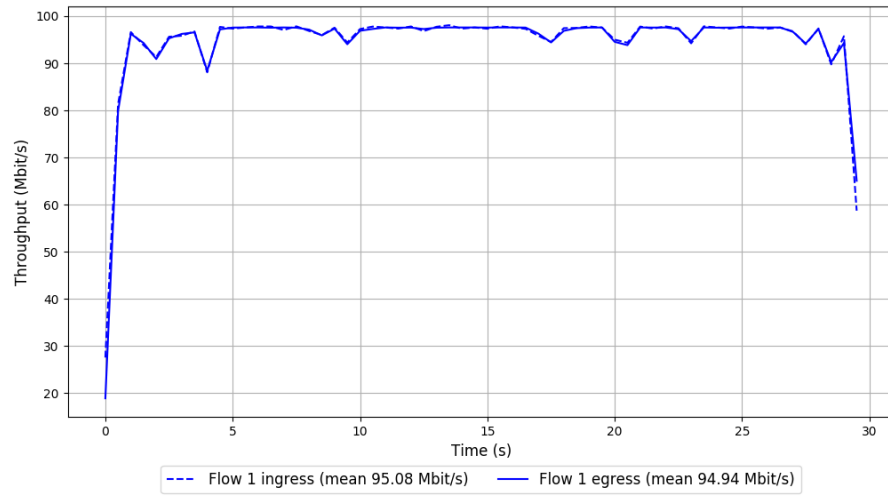
-- Flow 1:

Average throughput: 94.94 Mbit/s

95th percentile per-packet one-way delay: 34.150 ms

Loss rate: 0.14%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-20 18:18:27

End at: 2018-03-20 18:18:57

Local clock offset: 0.296 ms

Remote clock offset: -1.311 ms

Below is generated by plot.py at 2018-03-20 19:42:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.92 Mbit/s

95th percentile per-packet one-way delay: 38.662 ms

Loss rate: 0.68%

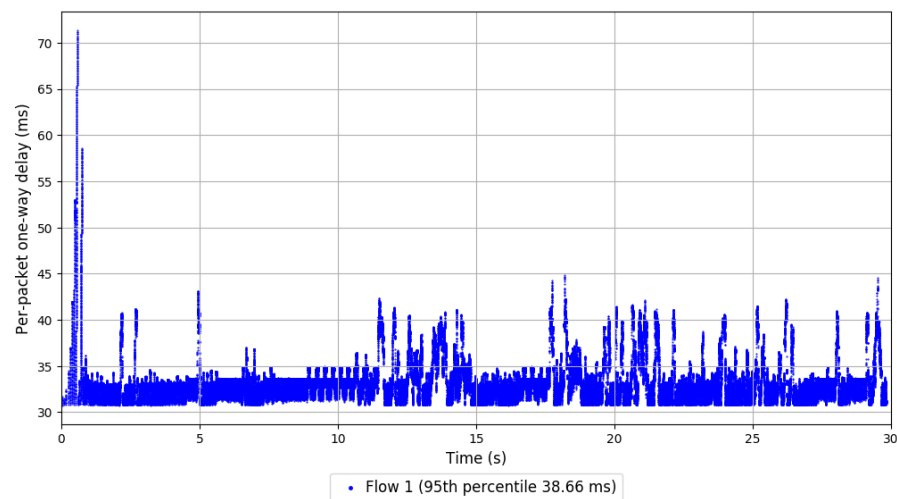
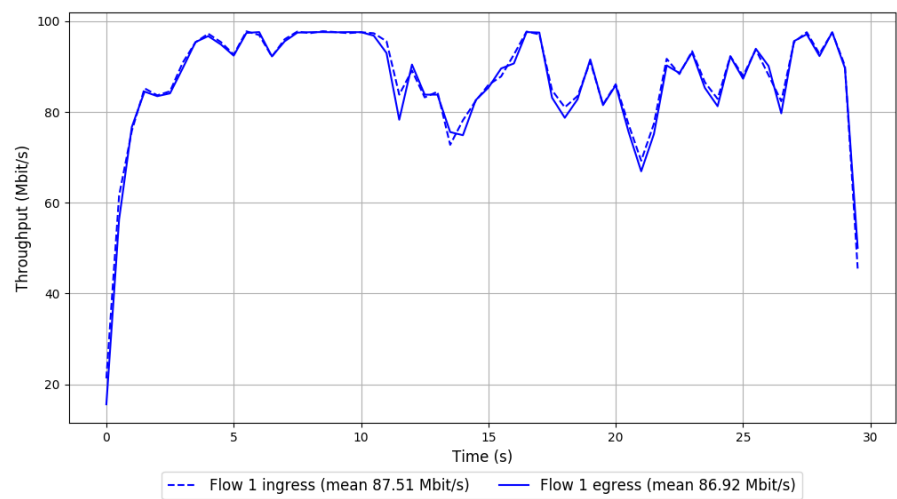
-- Flow 1:

Average throughput: 86.92 Mbit/s

95th percentile per-packet one-way delay: 38.662 ms

Loss rate: 0.68%

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

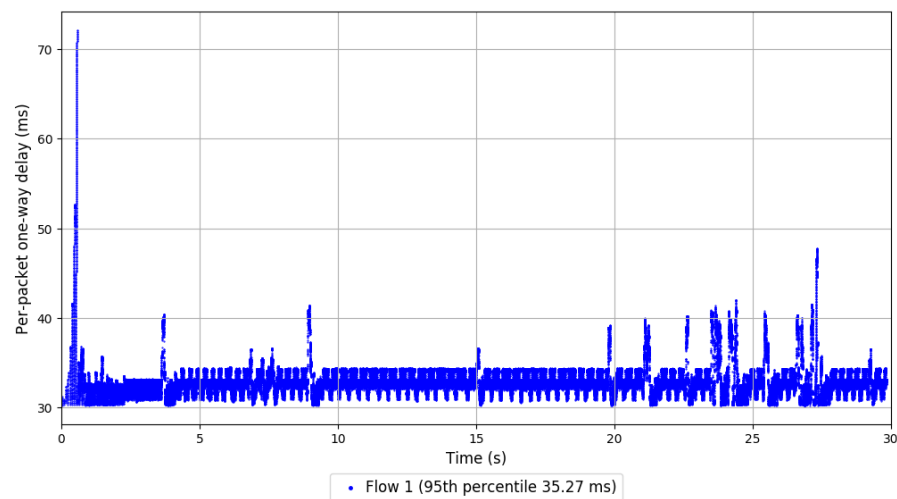
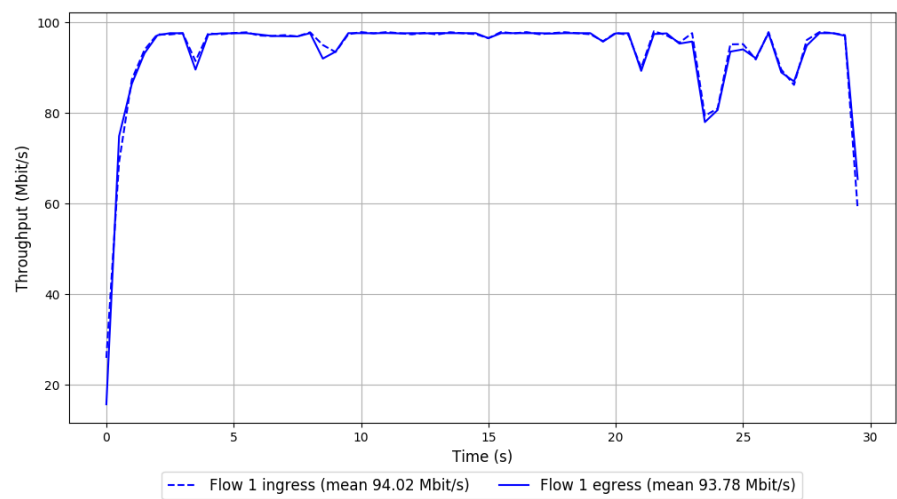


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-20 18:43:01
End at: 2018-03-20 18:43:31
Local clock offset: 0.238 ms
Remote clock offset: -1.712 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 35.269 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 93.78 Mbit/s
95th percentile per-packet one-way delay: 35.269 ms
Loss rate: 0.24%

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

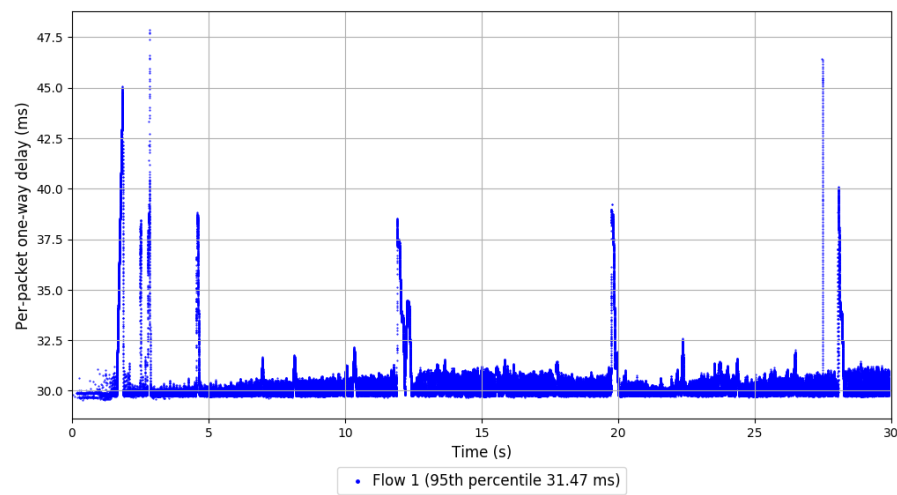
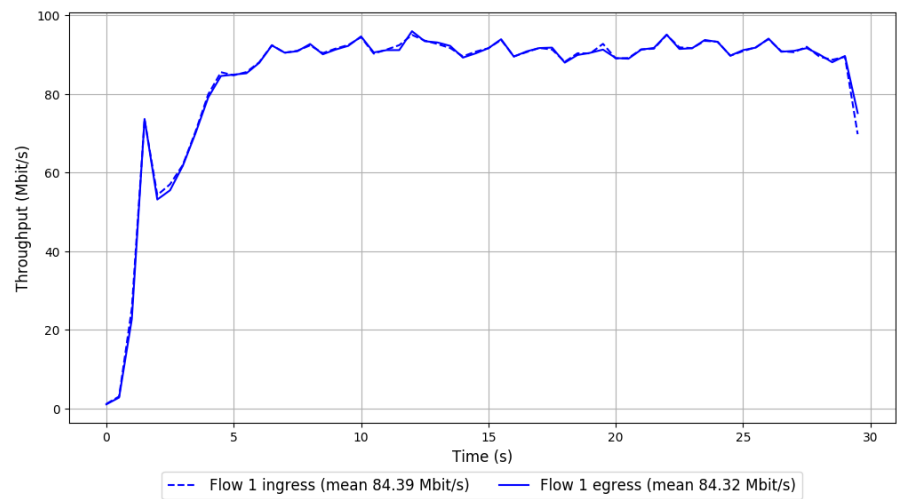


Run 1: Statistics of Vivace-latency

Start at: 2018-03-20 14:52:31
End at: 2018-03-20 14:53:01
Local clock offset: -0.327 ms
Remote clock offset: -2.009 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 31.471 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 31.471 ms
Loss rate: 0.09%

Run 1: Report of Vivace-latency — Data Link

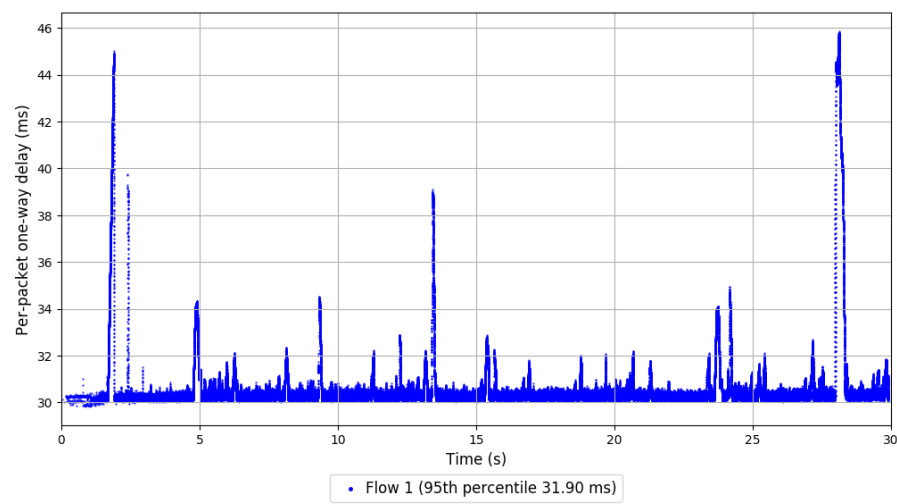
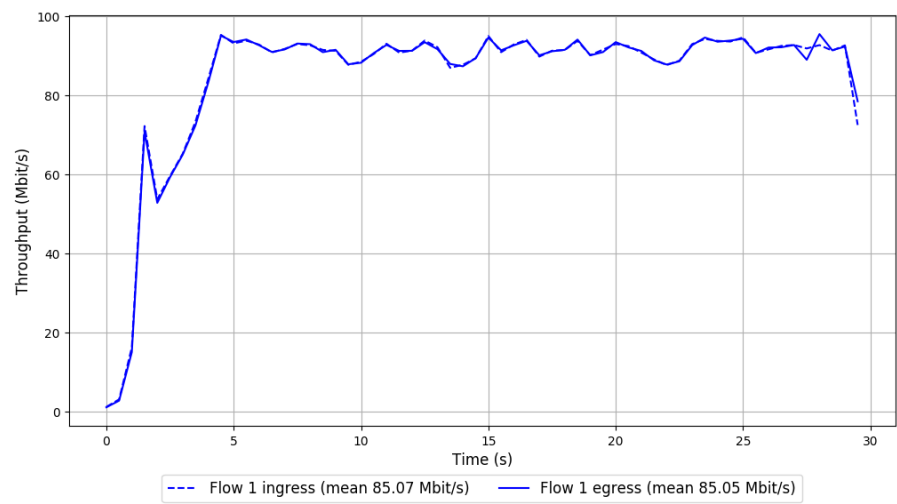


Run 2: Statistics of Vivace-latency

Start at: 2018-03-20 15:16:48
End at: 2018-03-20 15:17:18
Local clock offset: -0.307 ms
Remote clock offset: -2.329 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.05 Mbit/s
95th percentile per-packet one-way delay: 31.898 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.05 Mbit/s
95th percentile per-packet one-way delay: 31.898 ms
Loss rate: 0.01%

Run 2: Report of Vivace-latency — Data Link

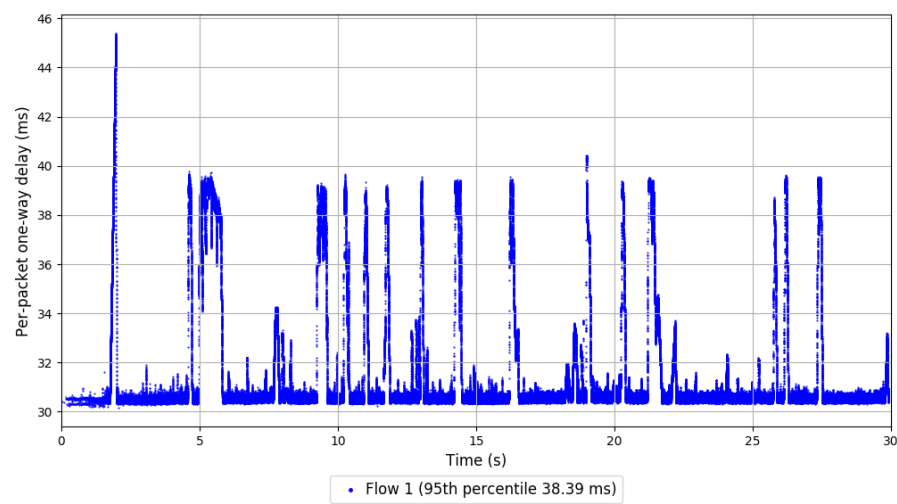
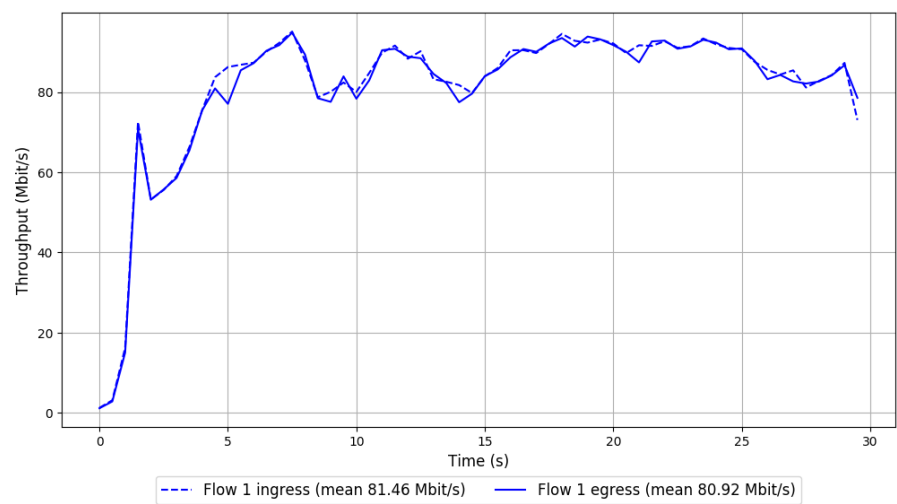


Run 3: Statistics of Vivace-latency

Start at: 2018-03-20 15:40:54
End at: 2018-03-20 15:41:25
Local clock offset: -0.607 ms
Remote clock offset: -3.464 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 38.391 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 38.391 ms
Loss rate: 0.65%

Run 3: Report of Vivace-latency — Data Link

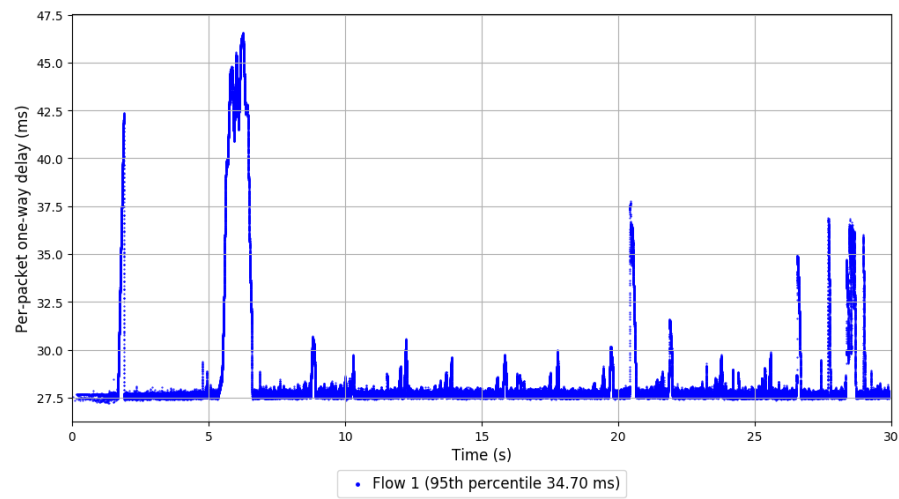
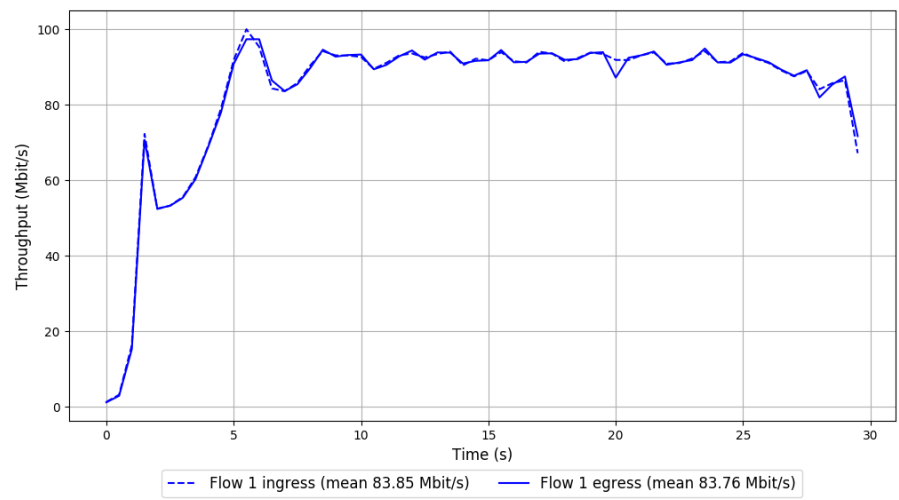


Run 4: Statistics of Vivace-latency

Start at: 2018-03-20 16:05:28
End at: 2018-03-20 16:05:58
Local clock offset: -0.353 ms
Remote clock offset: -3.941 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 34.705 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 34.705 ms
Loss rate: 0.10%

Run 4: Report of Vivace-latency — Data Link

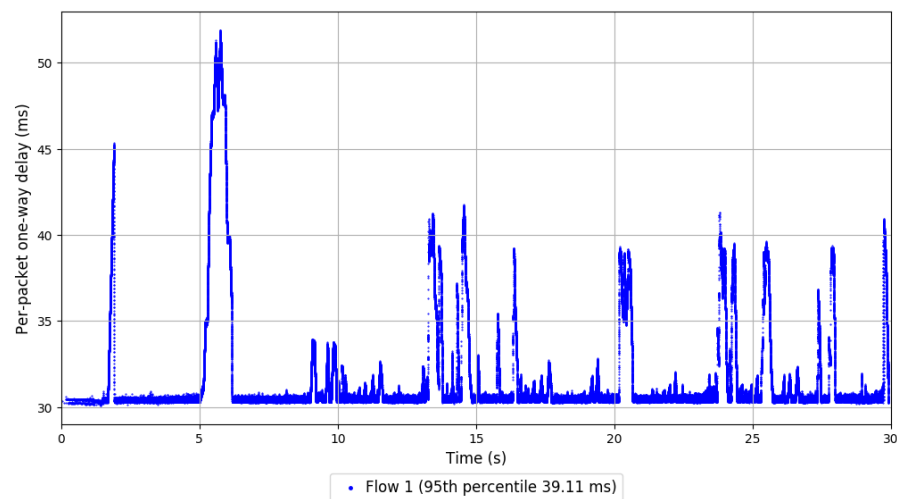
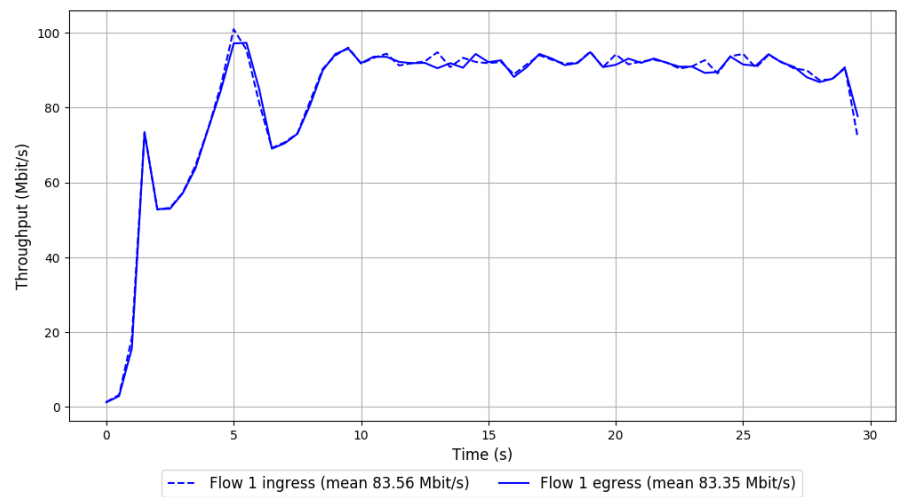


Run 5: Statistics of Vivace-latency

Start at: 2018-03-20 16:29:47
End at: 2018-03-20 16:30:17
Local clock offset: -0.102 ms
Remote clock offset: -1.161 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 39.108 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 83.35 Mbit/s
95th percentile per-packet one-way delay: 39.108 ms
Loss rate: 0.26%

Run 5: Report of Vivace-latency — Data Link

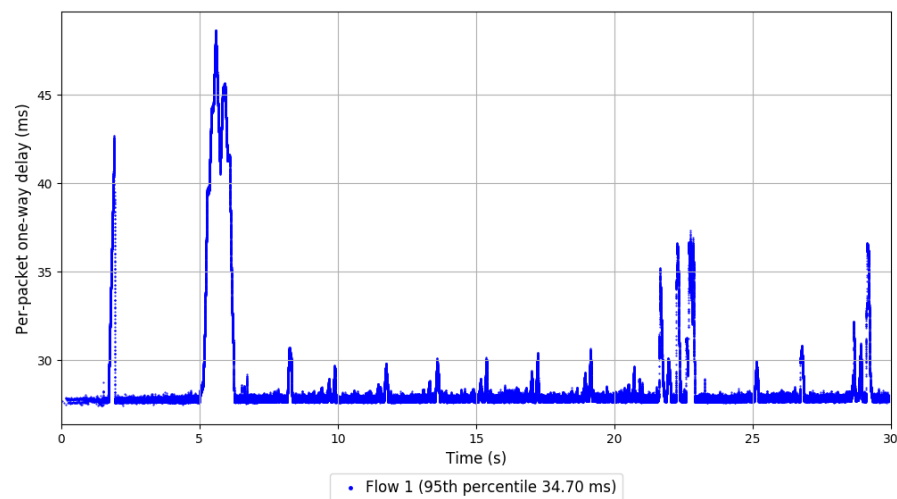
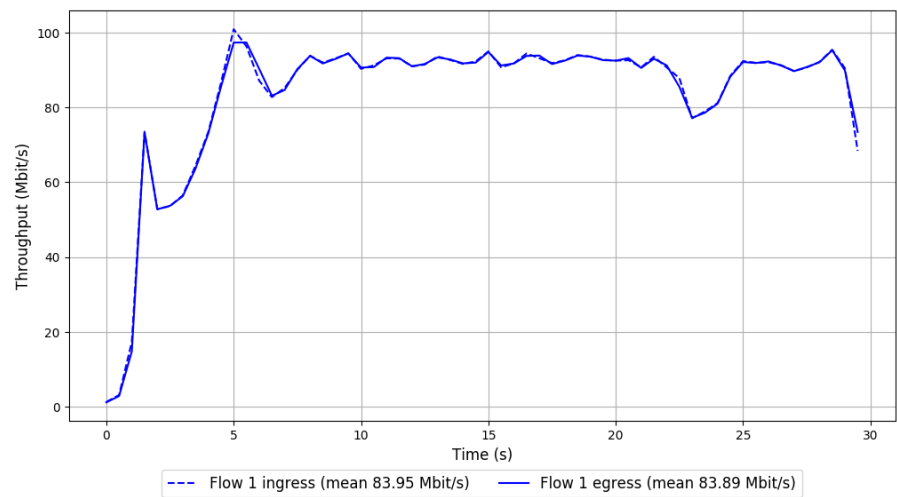


Run 6: Statistics of Vivace-latency

Start at: 2018-03-20 16:54:22
End at: 2018-03-20 16:54:52
Local clock offset: 0.248 ms
Remote clock offset: -2.743 ms

Below is generated by plot.py at 2018-03-20 19:42:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.89 Mbit/s
95th percentile per-packet one-way delay: 34.702 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 83.89 Mbit/s
95th percentile per-packet one-way delay: 34.702 ms
Loss rate: 0.08%

Run 6: Report of Vivace-latency — Data Link

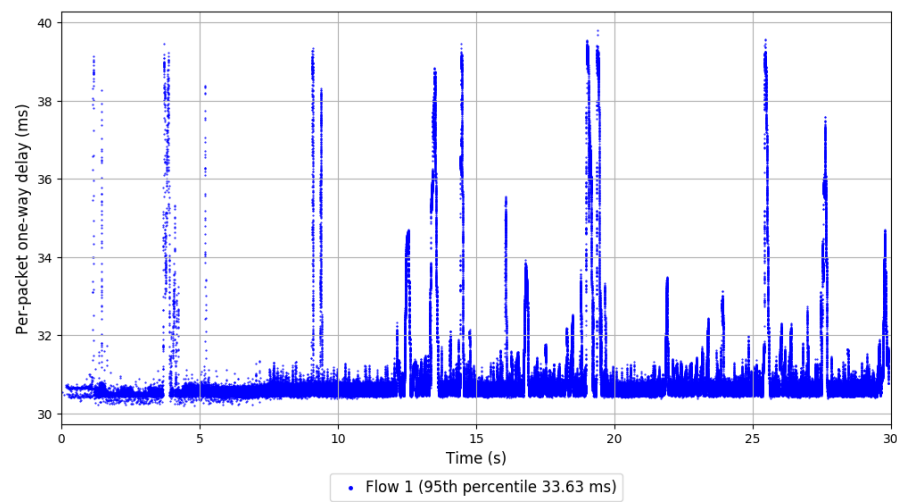
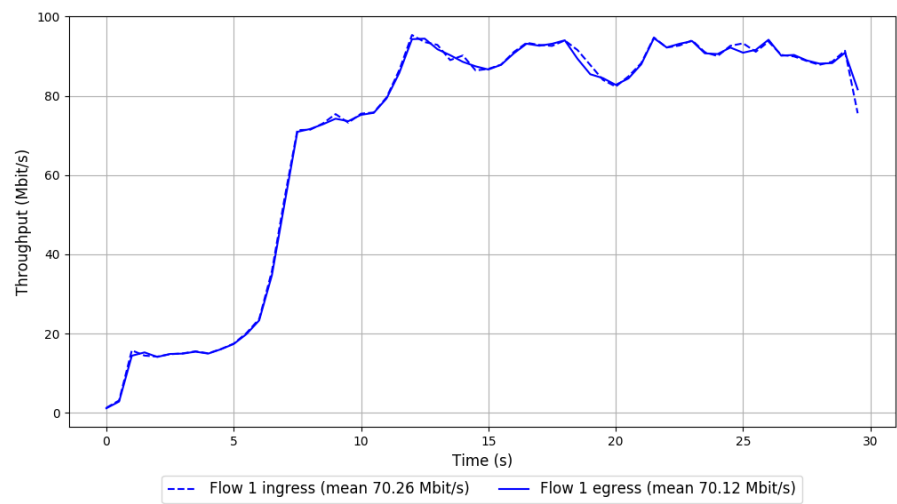


Run 7: Statistics of Vivace-latency

Start at: 2018-03-20 17:18:48
End at: 2018-03-20 17:19:18
Local clock offset: -0.426 ms
Remote clock offset: -0.903 ms

Below is generated by plot.py at 2018-03-20 19:42:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 33.626 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 33.626 ms
Loss rate: 0.20%

Run 7: Report of Vivace-latency — Data Link

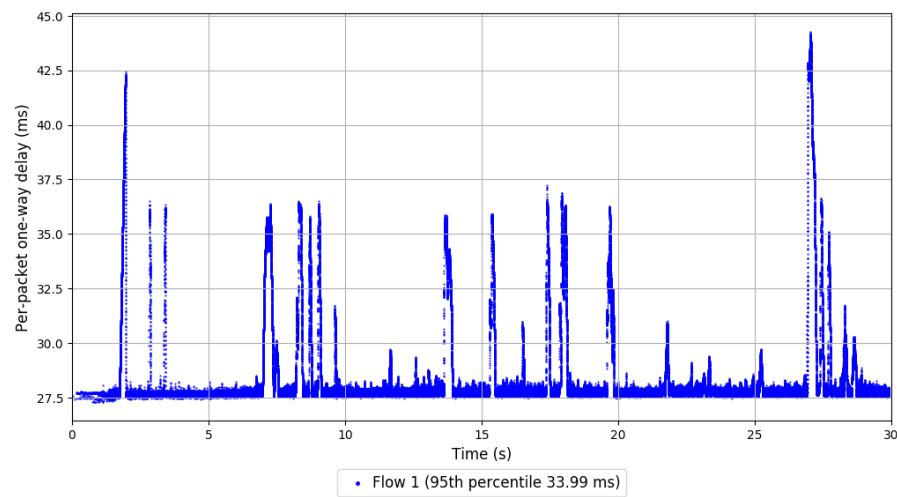
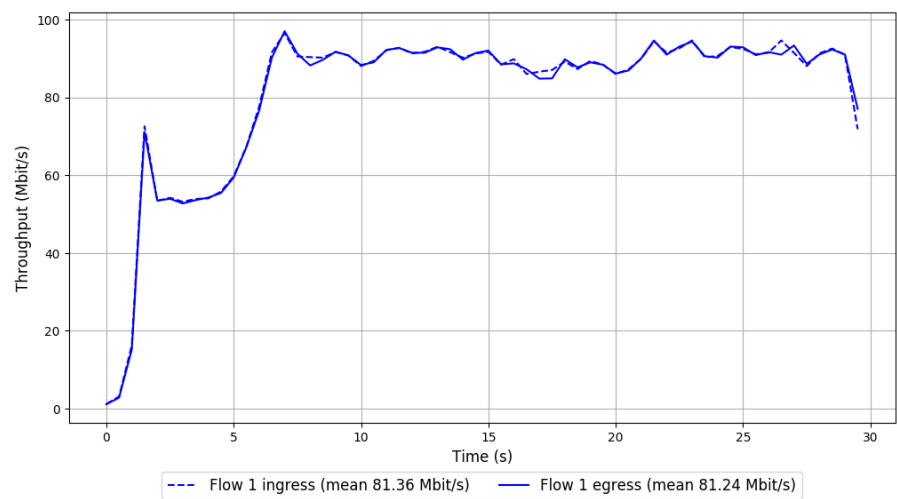


Run 8: Statistics of Vivace-latency

Start at: 2018-03-20 17:43:14
End at: 2018-03-20 17:43:44
Local clock offset: -0.401 ms
Remote clock offset: -3.119 ms

Below is generated by plot.py at 2018-03-20 19:42:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 33.990 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 33.990 ms
Loss rate: 0.15%

Run 8: Report of Vivace-latency — Data Link

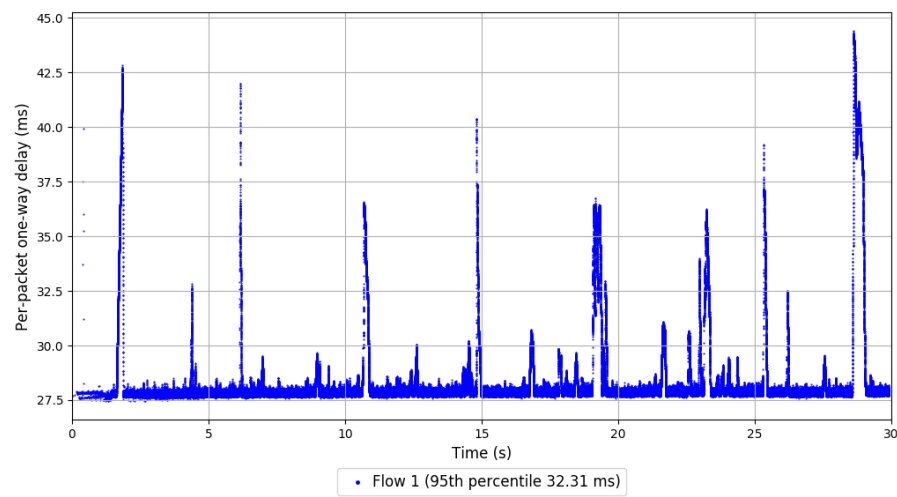
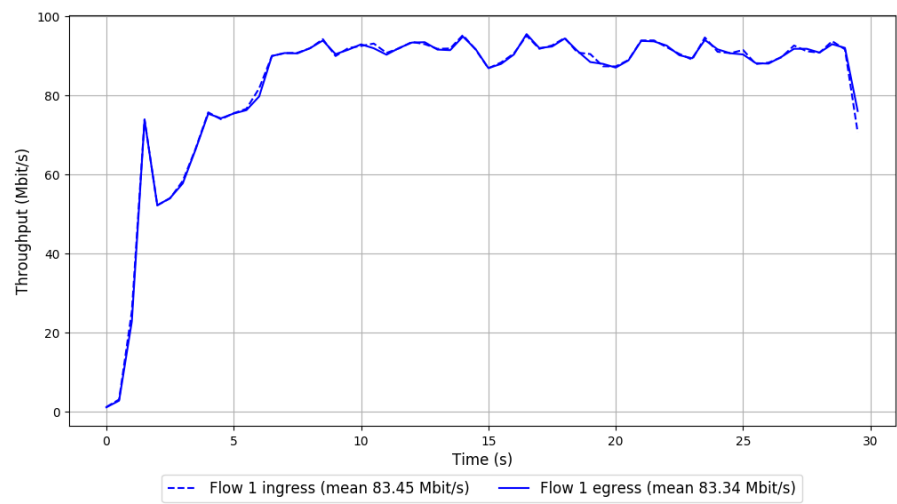


Run 9: Statistics of Vivace-latency

Start at: 2018-03-20 18:07:37
End at: 2018-03-20 18:08:08
Local clock offset: 0.358 ms
Remote clock offset: -3.424 ms

Below is generated by plot.py at 2018-03-20 19:43:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.34 Mbit/s
95th percentile per-packet one-way delay: 32.311 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 83.34 Mbit/s
95th percentile per-packet one-way delay: 32.311 ms
Loss rate: 0.13%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-03-20 18:32:04

End at: 2018-03-20 18:32:34

Local clock offset: 0.179 ms

Remote clock offset: -1.8 ms

Below is generated by plot.py at 2018-03-20 19:43:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.69 Mbit/s

95th percentile per-packet one-way delay: 35.665 ms

Loss rate: 0.05%

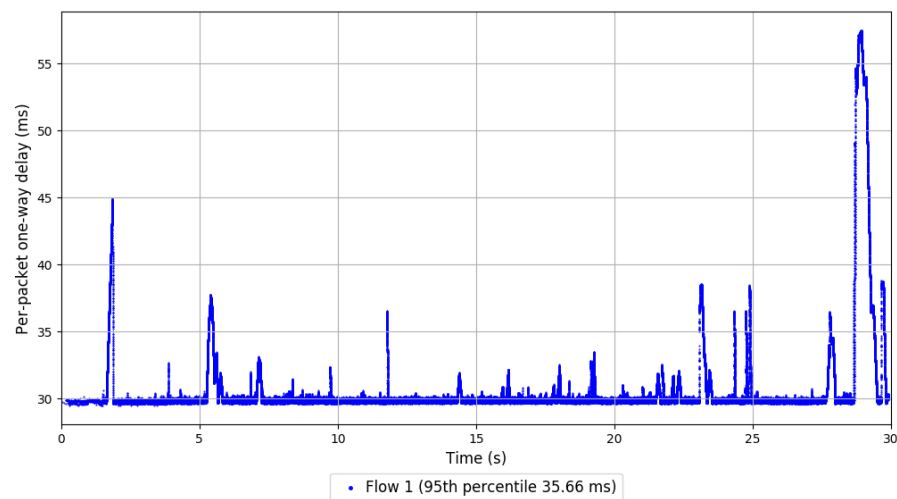
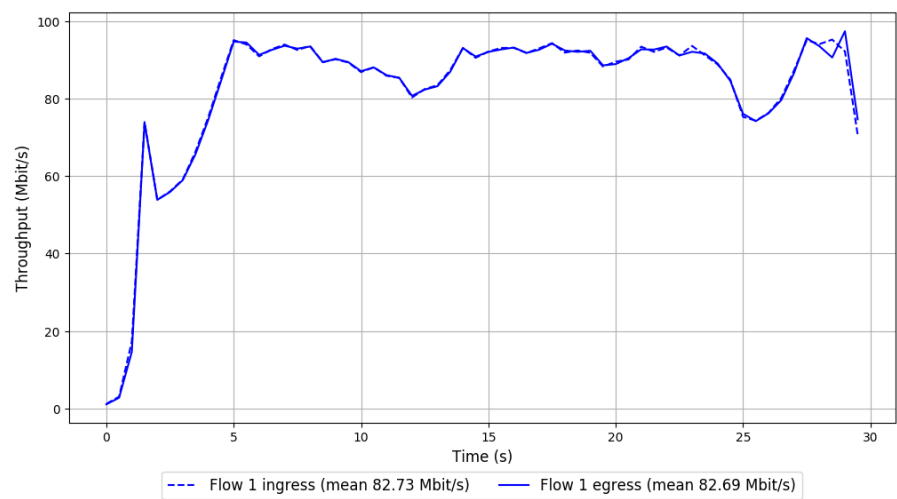
-- Flow 1:

Average throughput: 82.69 Mbit/s

95th percentile per-packet one-way delay: 35.665 ms

Loss rate: 0.05%

Run 10: Report of Vivace-latency — Data Link

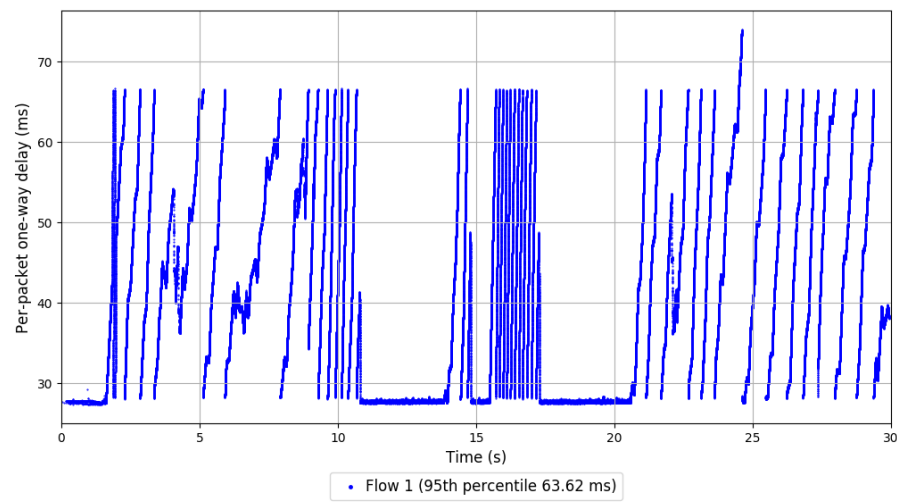
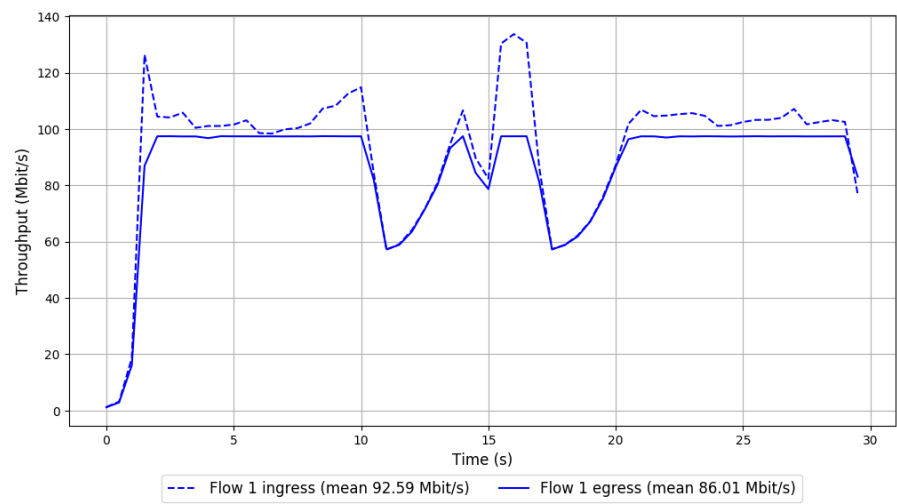


Run 1: Statistics of Vivace-loss

Start at: 2018-03-20 14:59:11
End at: 2018-03-20 14:59:41
Local clock offset: -0.314 ms
Remote clock offset: -4.192 ms

Below is generated by plot.py at 2018-03-20 19:43:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 63.615 ms
Loss rate: 7.08%
-- Flow 1:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 63.615 ms
Loss rate: 7.08%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-20 15:23:32

End at: 2018-03-20 15:24:02

Local clock offset: -0.441 ms

Remote clock offset: -2.557 ms

Below is generated by plot.py at 2018-03-20 19:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.58 Mbit/s

95th percentile per-packet one-way delay: 65.359 ms

Loss rate: 3.51%

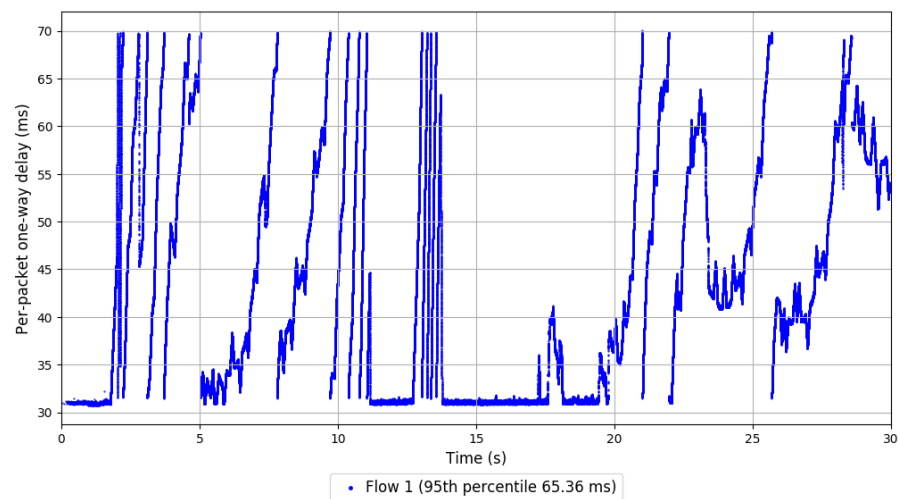
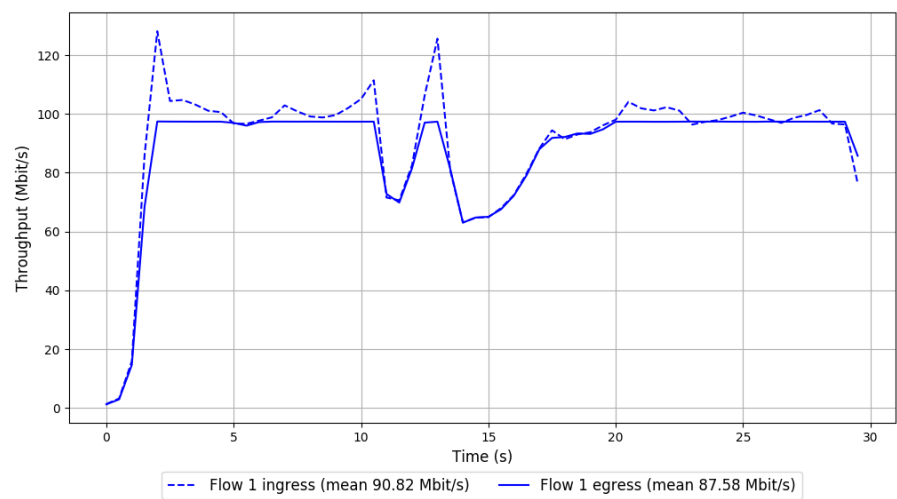
-- Flow 1:

Average throughput: 87.58 Mbit/s

95th percentile per-packet one-way delay: 65.359 ms

Loss rate: 3.51%

Run 2: Report of Vivace-loss — Data Link

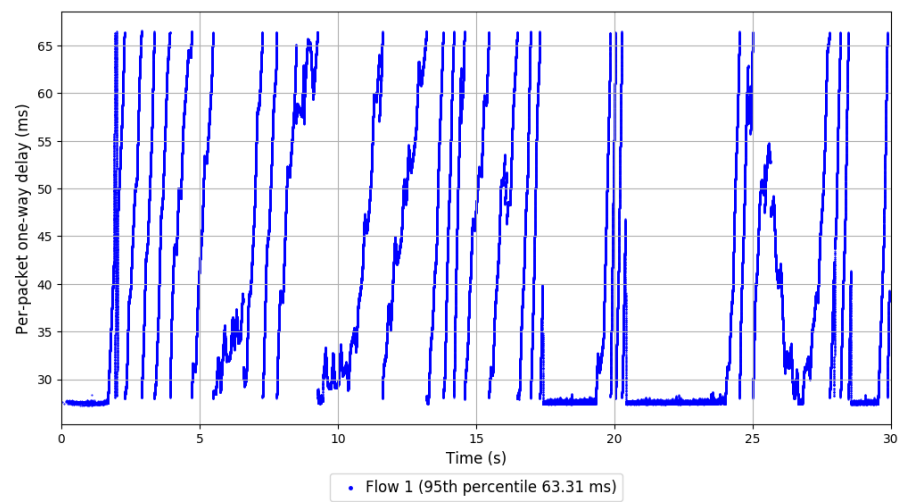
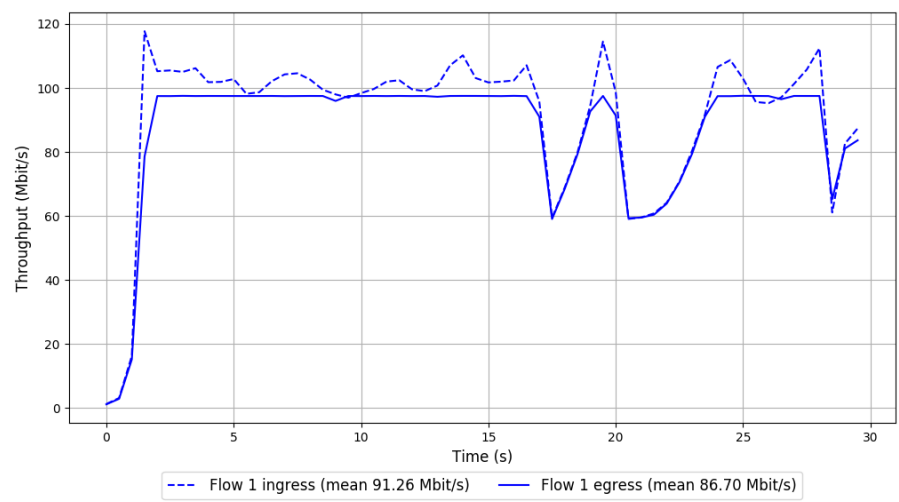


Run 3: Statistics of Vivace-loss

Start at: 2018-03-20 15:47:42
End at: 2018-03-20 15:48:12
Local clock offset: -0.667 ms
Remote clock offset: -5.166 ms

Below is generated by plot.py at 2018-03-20 19:43:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 63.311 ms
Loss rate: 4.96%
-- Flow 1:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 63.311 ms
Loss rate: 4.96%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-20 16:12:18

End at: 2018-03-20 16:12:48

Local clock offset: -0.26 ms

Remote clock offset: -1.636 ms

Below is generated by plot.py at 2018-03-20 19:43:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.71 Mbit/s

95th percentile per-packet one-way delay: 66.045 ms

Loss rate: 6.06%

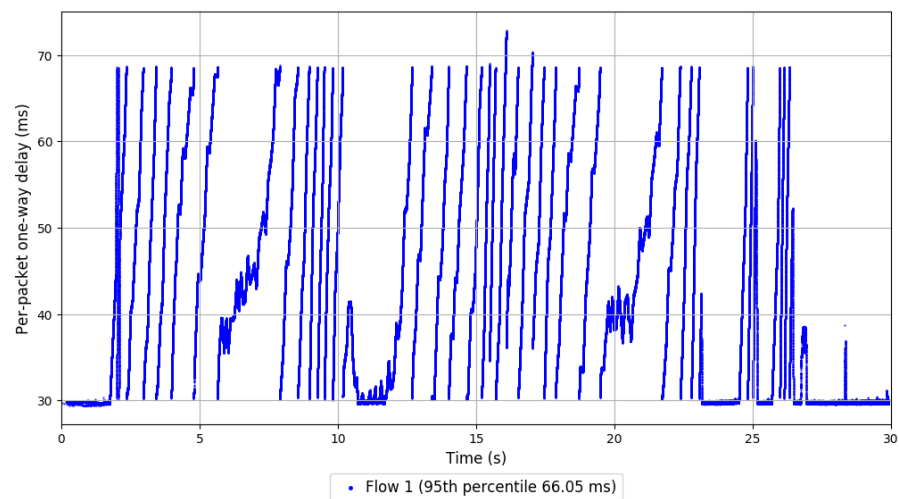
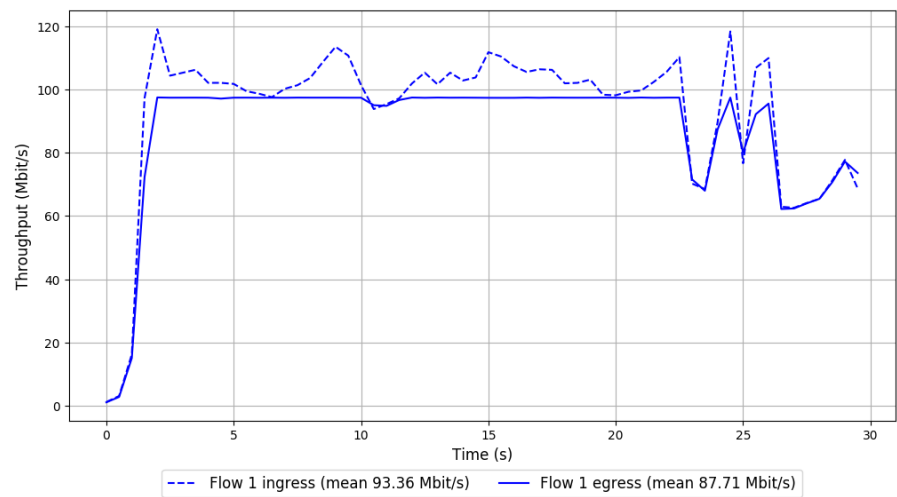
-- Flow 1:

Average throughput: 87.71 Mbit/s

95th percentile per-packet one-way delay: 66.045 ms

Loss rate: 6.06%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-20 16:36:37

End at: 2018-03-20 16:37:07

Local clock offset: 0.026 ms

Remote clock offset: -3.034 ms

Below is generated by plot.py at 2018-03-20 19:43:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.97 Mbit/s

95th percentile per-packet one-way delay: 63.483 ms

Loss rate: 6.39%

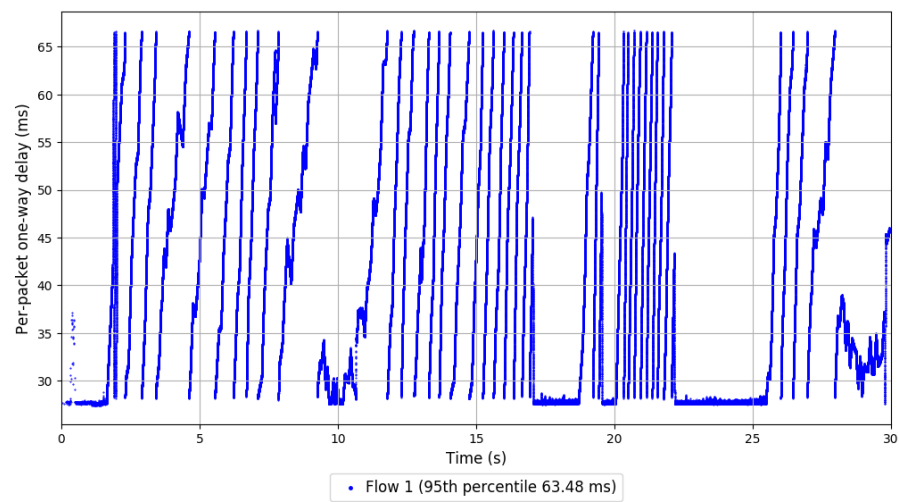
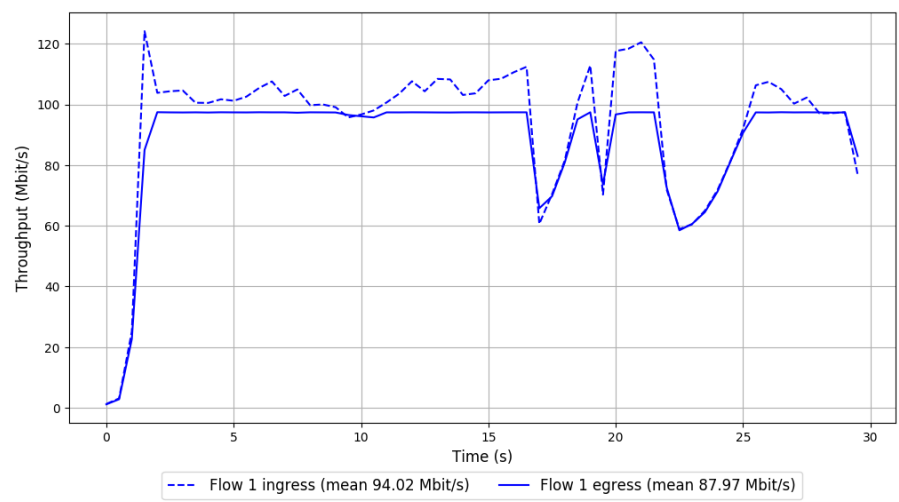
-- Flow 1:

Average throughput: 87.97 Mbit/s

95th percentile per-packet one-way delay: 63.483 ms

Loss rate: 6.39%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-20 17:01:09

End at: 2018-03-20 17:01:39

Local clock offset: 0.175 ms

Remote clock offset: -0.394 ms

Below is generated by plot.py at 2018-03-20 19:44:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.49 Mbit/s

95th percentile per-packet one-way delay: 66.484 ms

Loss rate: 5.51%

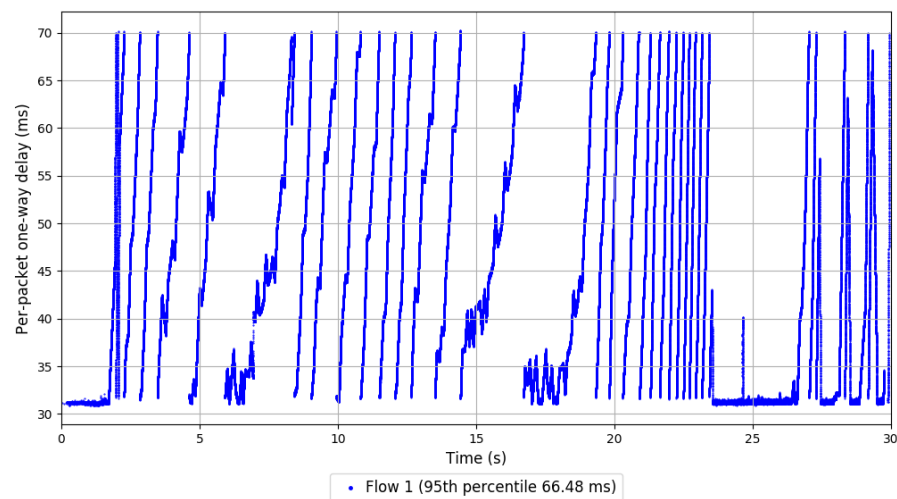
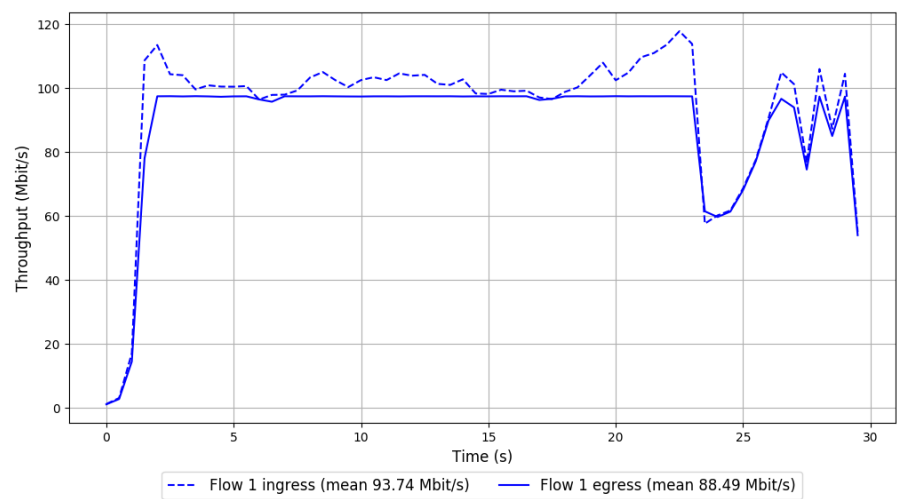
-- Flow 1:

Average throughput: 88.49 Mbit/s

95th percentile per-packet one-way delay: 66.484 ms

Loss rate: 5.51%

Run 6: Report of Vivace-loss — Data Link

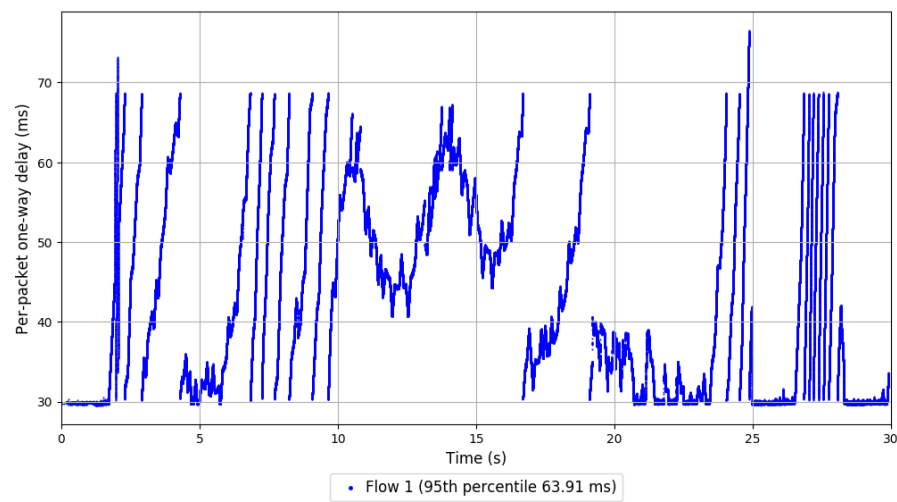
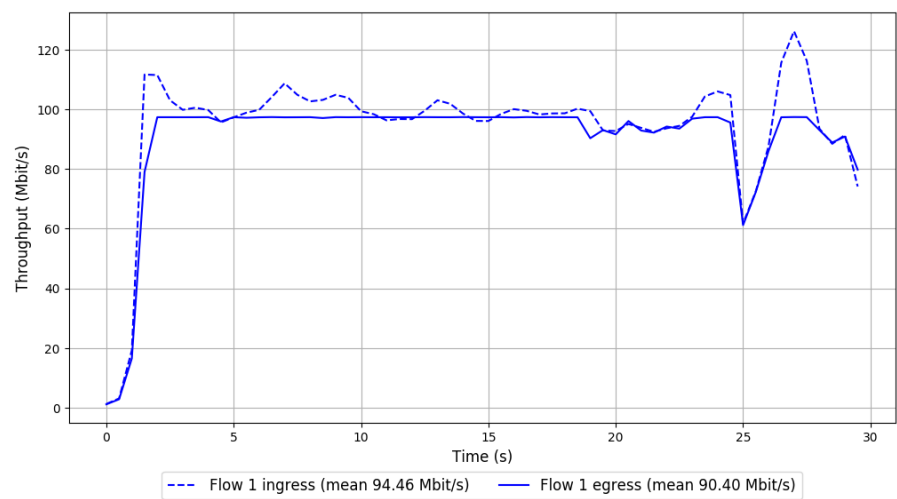


Run 7: Statistics of Vivace-loss

Start at: 2018-03-20 17:25:38
End at: 2018-03-20 17:26:08
Local clock offset: -0.569 ms
Remote clock offset: -0.839 ms

Below is generated by plot.py at 2018-03-20 19:44:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 63.913 ms
Loss rate: 4.29%
-- Flow 1:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 63.913 ms
Loss rate: 4.29%

Run 7: Report of Vivace-loss — Data Link

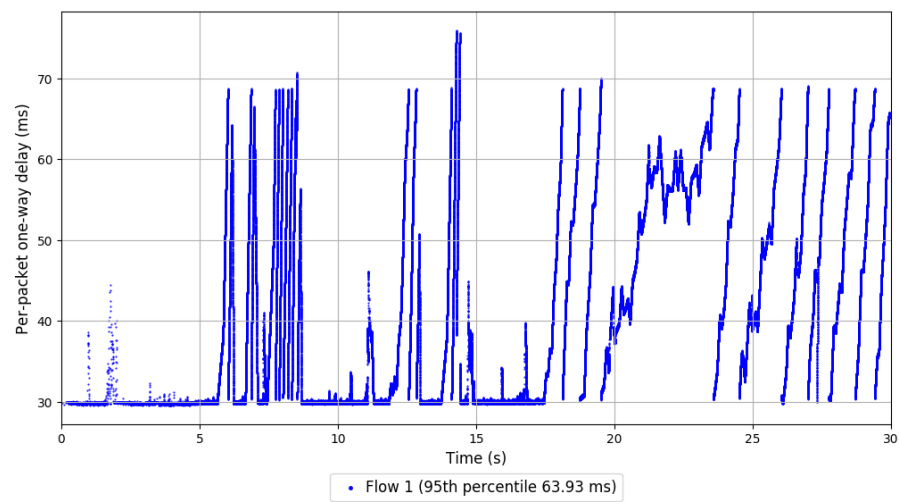
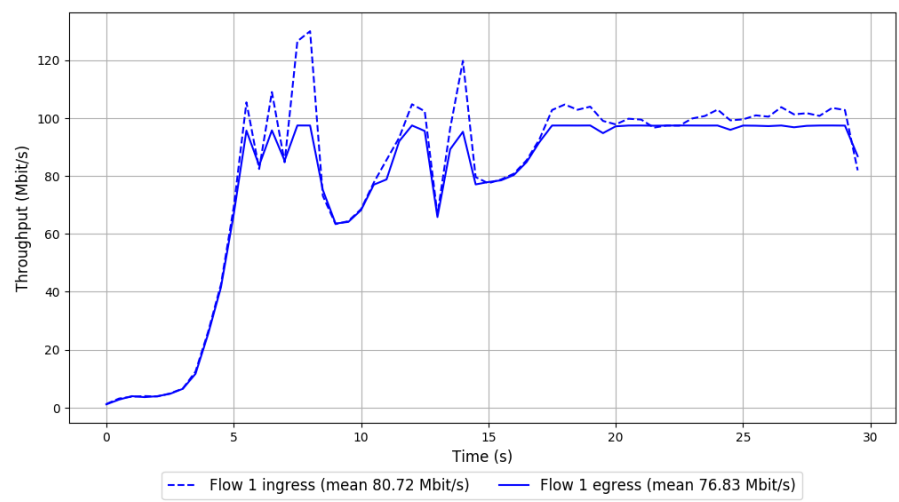


Run 8: Statistics of Vivace-loss

Start at: 2018-03-20 17:49:58
End at: 2018-03-20 17:50:28
Local clock offset: -0.124 ms
Remote clock offset: -0.864 ms

Below is generated by plot.py at 2018-03-20 19:44:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.83 Mbit/s
95th percentile per-packet one-way delay: 63.930 ms
Loss rate: 4.73%
-- Flow 1:
Average throughput: 76.83 Mbit/s
95th percentile per-packet one-way delay: 63.930 ms
Loss rate: 4.73%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-20 18:14:24

End at: 2018-03-20 18:14:54

Local clock offset: 0.352 ms

Remote clock offset: -3.814 ms

Below is generated by plot.py at 2018-03-20 19:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.44 Mbit/s

95th percentile per-packet one-way delay: 63.514 ms

Loss rate: 4.53%

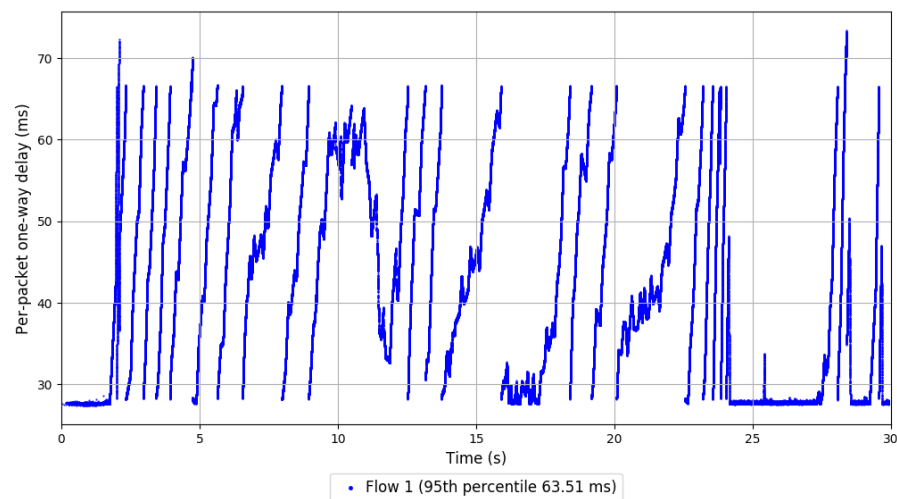
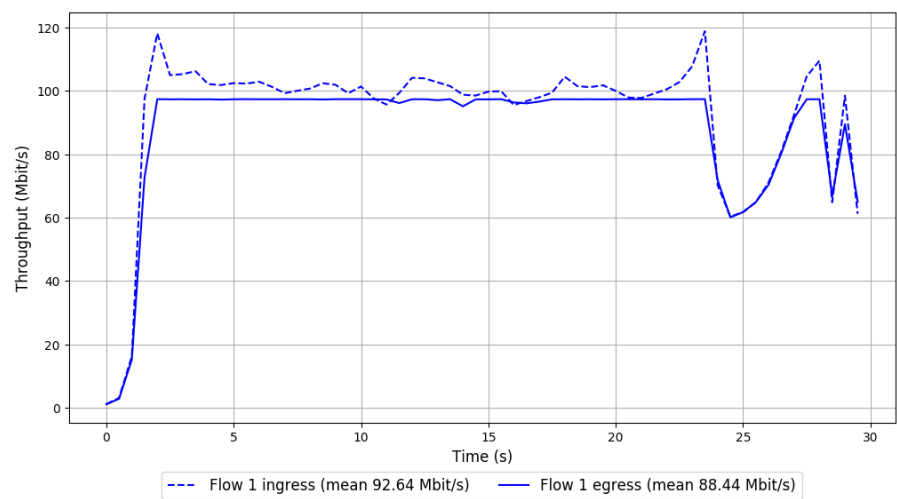
-- Flow 1:

Average throughput: 88.44 Mbit/s

95th percentile per-packet one-way delay: 63.514 ms

Loss rate: 4.53%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-03-20 18:38:54

End at: 2018-03-20 18:39:24

Local clock offset: 0.136 ms

Remote clock offset: -1.306 ms

Below is generated by plot.py at 2018-03-20 19:45:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 67.215 ms

Loss rate: 7.38%

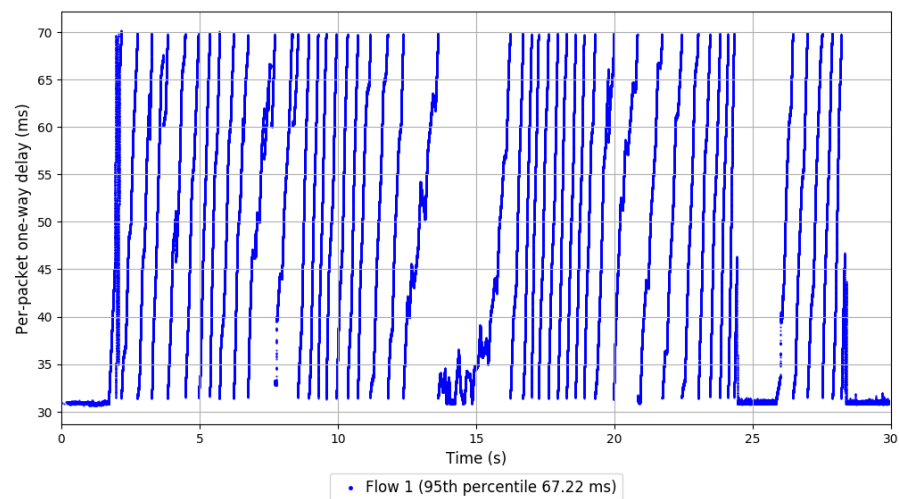
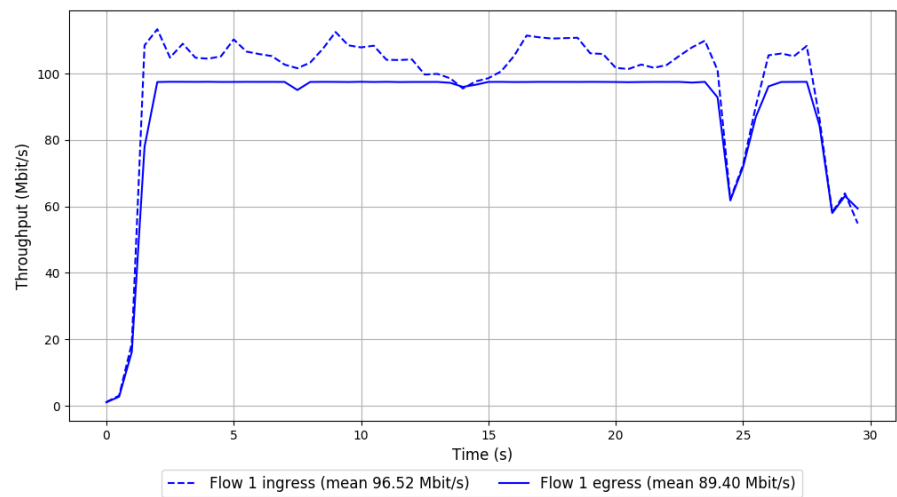
-- Flow 1:

Average throughput: 89.40 Mbit/s

95th percentile per-packet one-way delay: 67.215 ms

Loss rate: 7.38%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-20 14:51:09

End at: 2018-03-20 14:51:39

Local clock offset: -0.324 ms

Remote clock offset: -2.12 ms

Below is generated by plot.py at 2018-03-20 19:45:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 53.083 ms

Loss rate: 0.99%

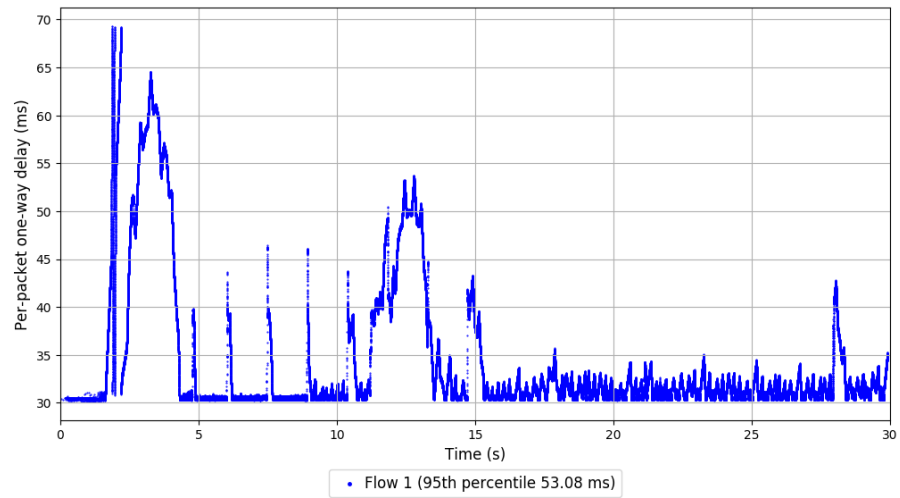
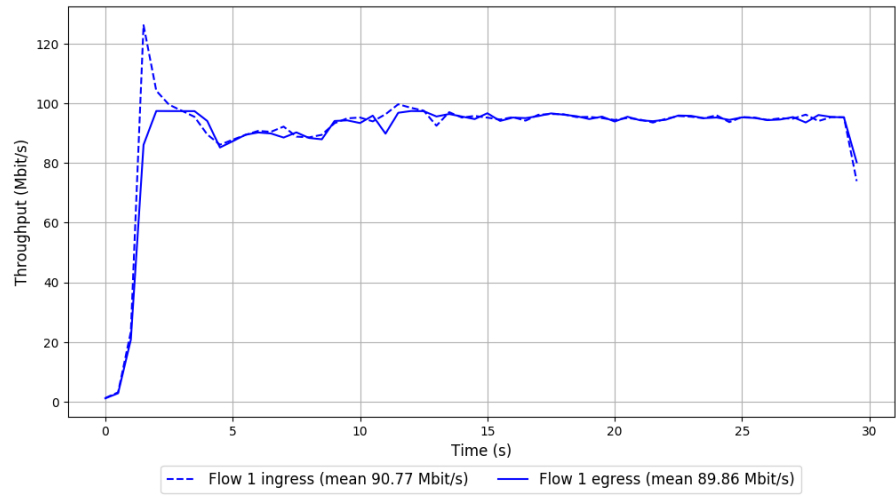
-- Flow 1:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 53.083 ms

Loss rate: 0.99%

Run 1: Report of Vivace-LTE — Data Link

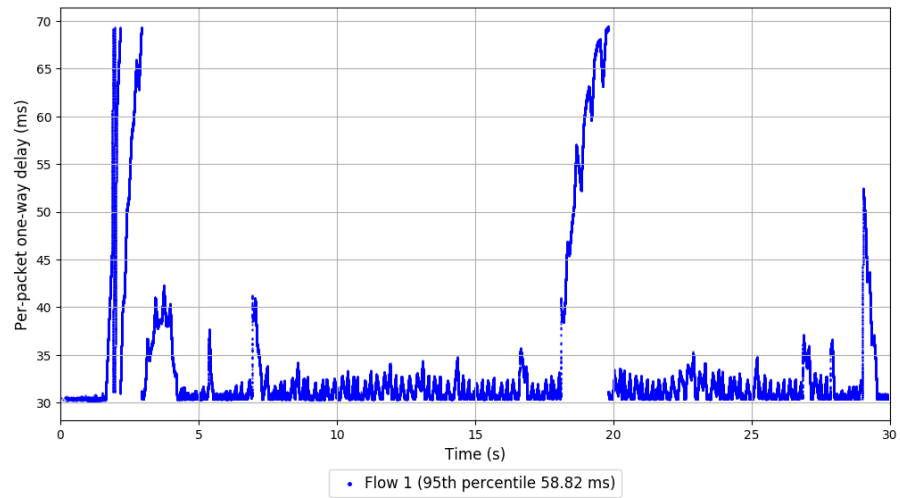
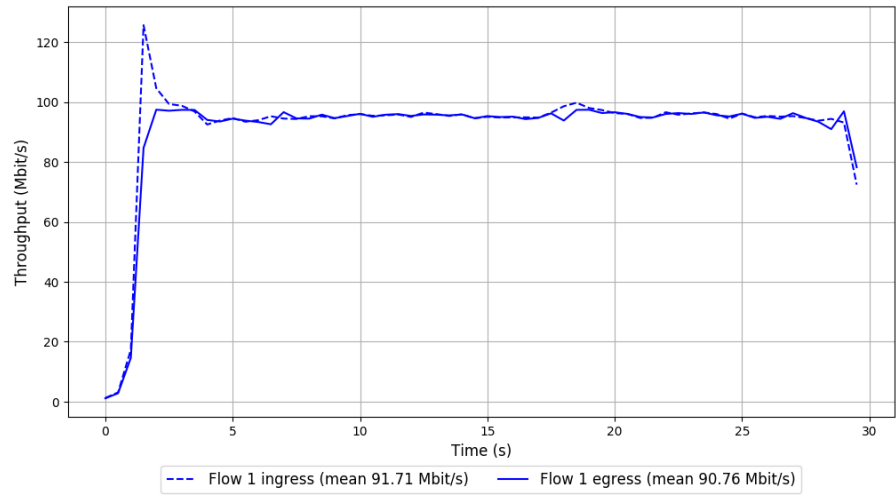


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-20 15:15:25
End at: 2018-03-20 15:15:55
Local clock offset: -0.3 ms
Remote clock offset: -2.654 ms

Below is generated by plot.py at 2018-03-20 19:45:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 58.820 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 58.820 ms
Loss rate: 1.04%

Run 2: Report of Vivace-LTE — Data Link

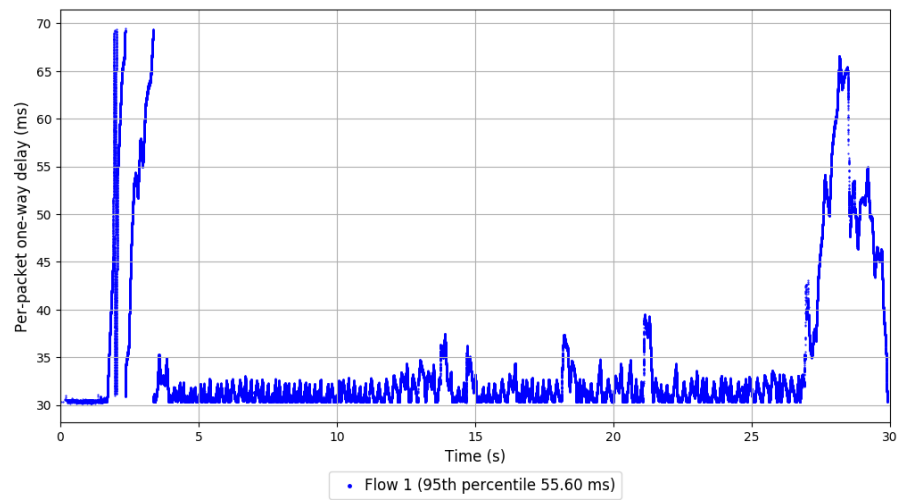
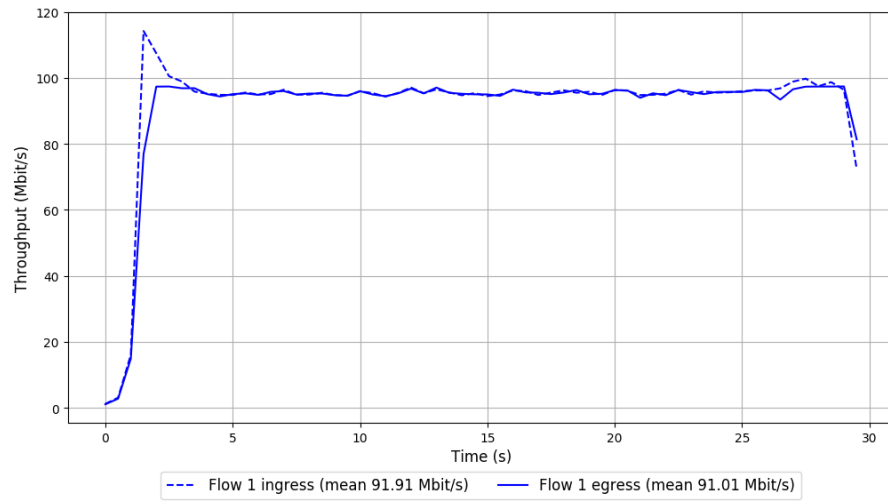


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-20 15:39:31
End at: 2018-03-20 15:40:01
Local clock offset: -0.594 ms
Remote clock offset: -3.441 ms

Below is generated by plot.py at 2018-03-20 19:45:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 55.603 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 55.603 ms
Loss rate: 0.98%

Run 3: Report of Vivace-LTE — Data Link

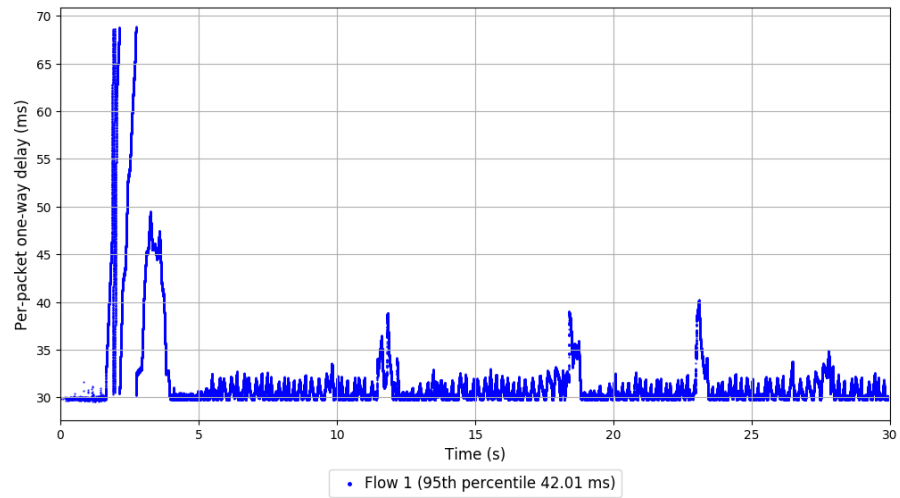
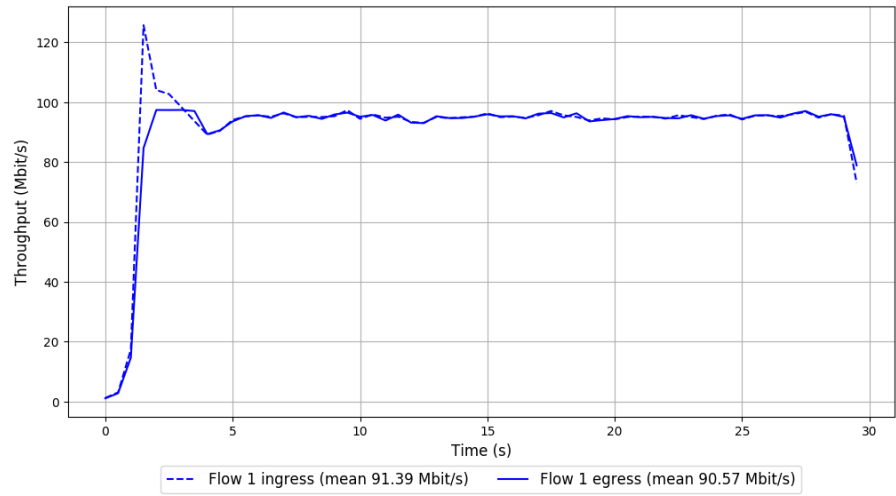


Run 4: Statistics of Vivace-LTE

Start at: 2018-03-20 16:04:03
End at: 2018-03-20 16:04:33
Local clock offset: -0.417 ms
Remote clock offset: -1.743 ms

Below is generated by plot.py at 2018-03-20 19:45:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 42.014 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 90.57 Mbit/s
95th percentile per-packet one-way delay: 42.014 ms
Loss rate: 0.90%

Run 4: Report of Vivace-LTE — Data Link

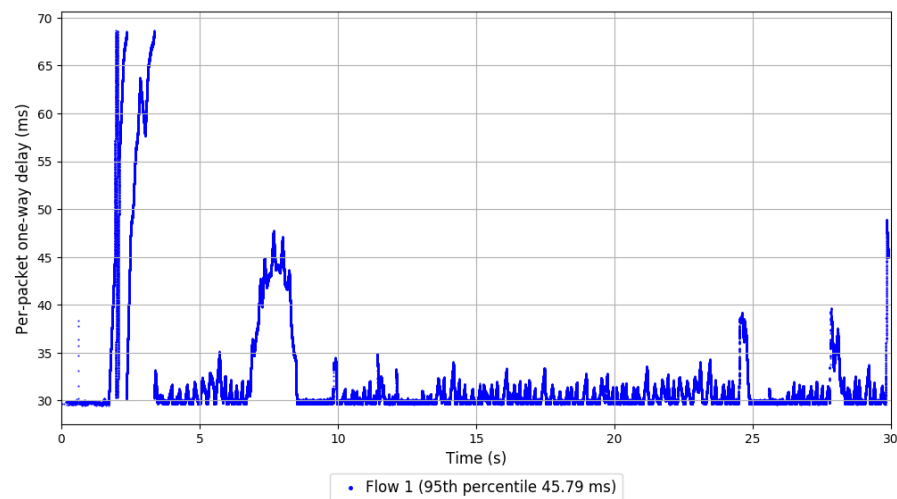
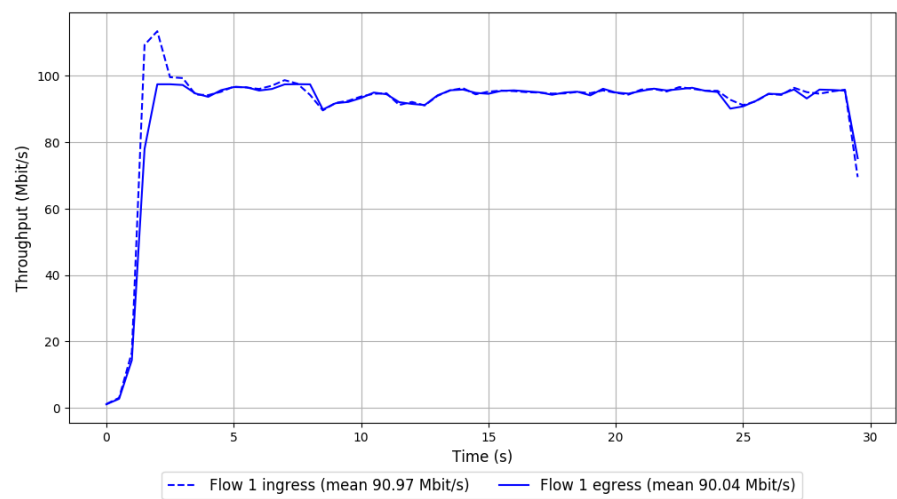


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-20 16:28:25
End at: 2018-03-20 16:28:55
Local clock offset: -0.112 ms
Remote clock offset: -1.158 ms

Below is generated by plot.py at 2018-03-20 19:45:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 45.792 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 45.792 ms
Loss rate: 0.97%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-03-20 16:53:00

End at: 2018-03-20 16:53:30

Local clock offset: 0.256 ms

Remote clock offset: -0.639 ms

Below is generated by plot.py at 2018-03-20 19:45:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.64 Mbit/s

95th percentile per-packet one-way delay: 50.493 ms

Loss rate: 0.75%

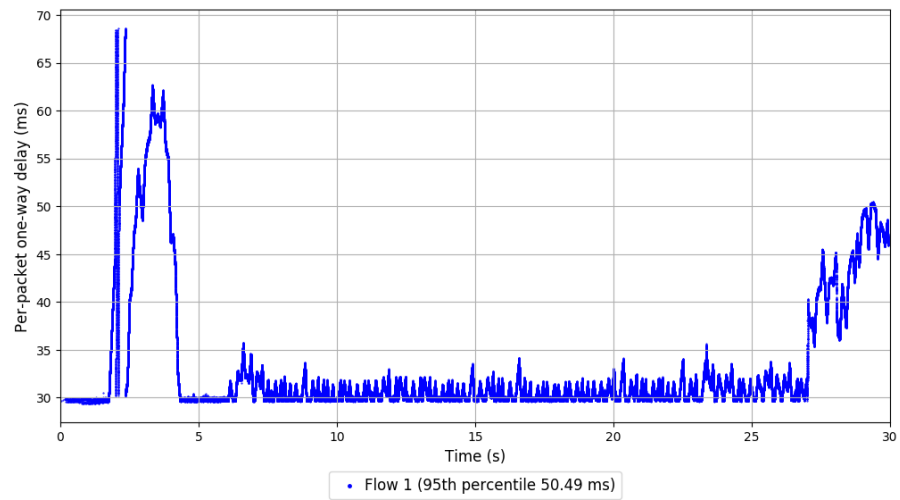
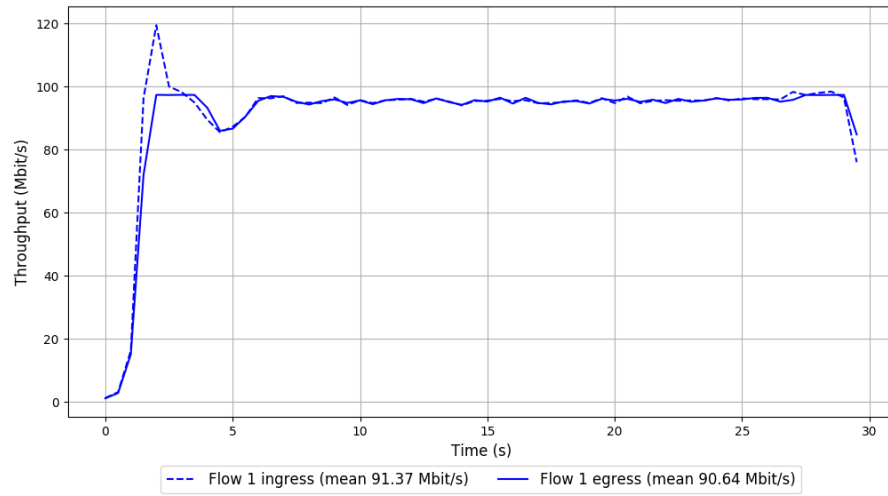
-- Flow 1:

Average throughput: 90.64 Mbit/s

95th percentile per-packet one-way delay: 50.493 ms

Loss rate: 0.75%

Run 6: Report of Vivace-LTE — Data Link

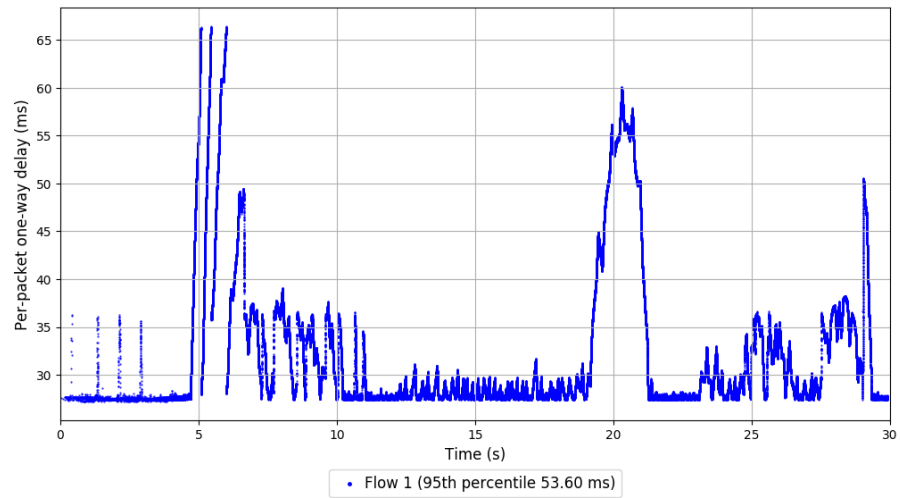
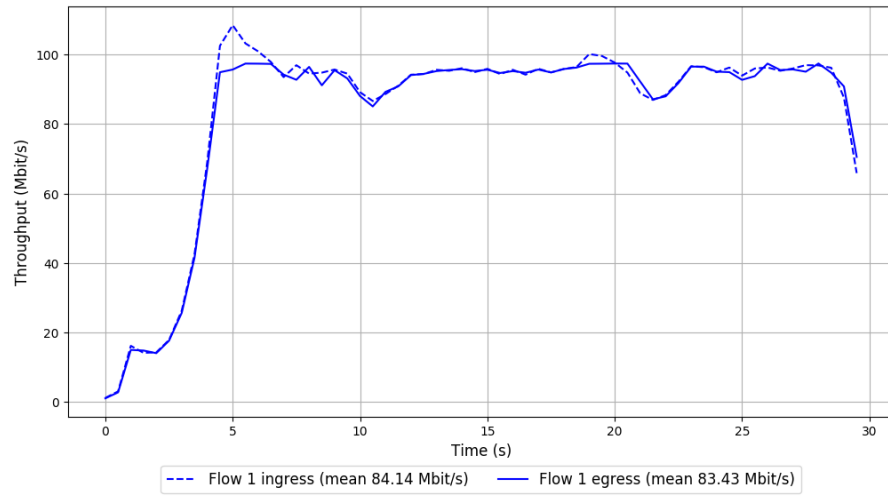


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-20 17:17:24
End at: 2018-03-20 17:17:54
Local clock offset: -0.27 ms
Remote clock offset: -3.136 ms

Below is generated by plot.py at 2018-03-20 19:46:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 53.604 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 53.604 ms
Loss rate: 0.85%

Run 7: Report of Vivace-LTE — Data Link

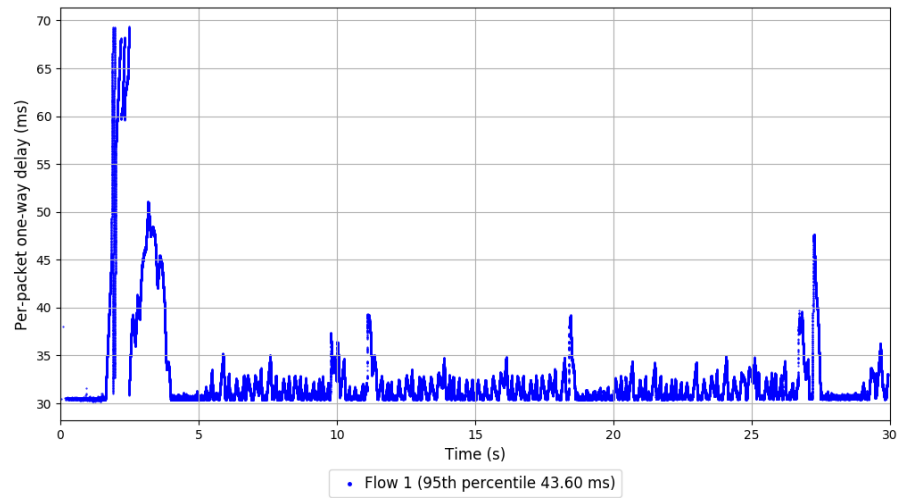
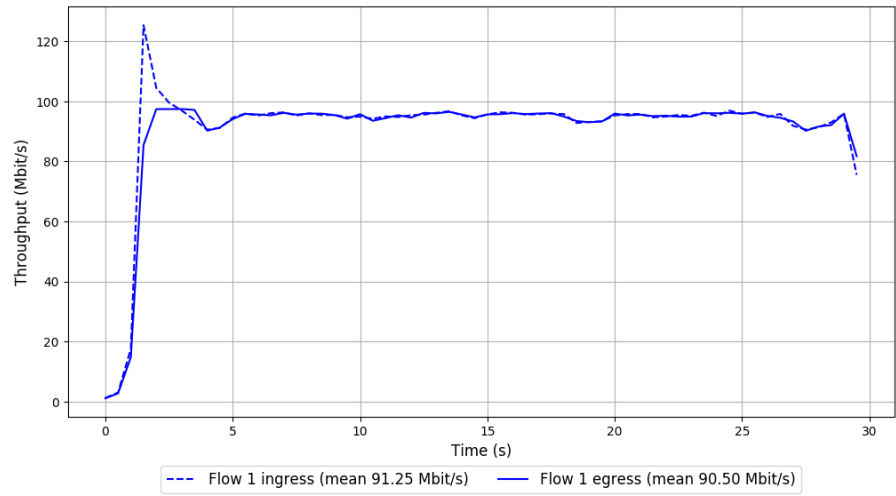


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-20 17:41:52
End at: 2018-03-20 17:42:22
Local clock offset: -0.472 ms
Remote clock offset: -0.977 ms

Below is generated by plot.py at 2018-03-20 19:46:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 43.605 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 90.50 Mbit/s
95th percentile per-packet one-way delay: 43.605 ms
Loss rate: 0.81%

Run 8: Report of Vivace-LTE — Data Link

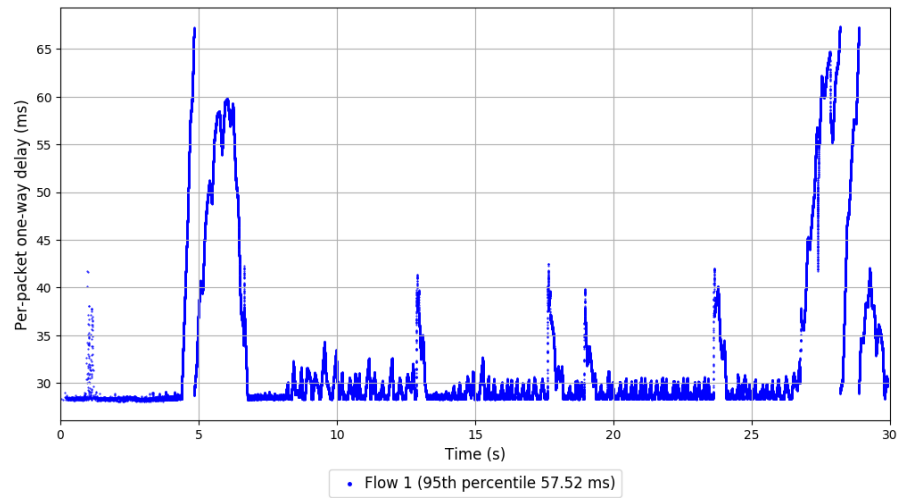
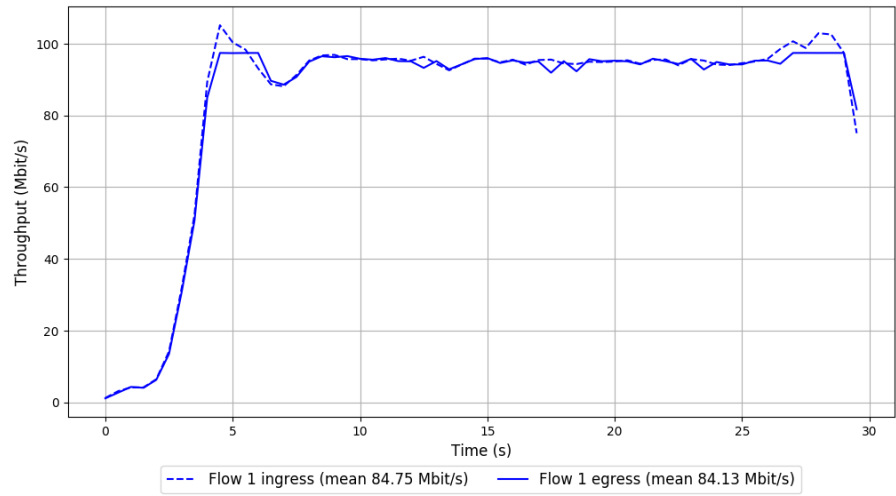


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-20 18:06:16
End at: 2018-03-20 18:06:46
Local clock offset: 0.347 ms
Remote clock offset: -3.344 ms

Below is generated by plot.py at 2018-03-20 19:46:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 57.523 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 57.523 ms
Loss rate: 0.72%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-20 18:30:39
End at: 2018-03-20 18:31:09
Local clock offset: 0.212 ms
Remote clock offset: -1.802 ms

Below is generated by plot.py at 2018-03-20 19:46:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 49.043 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 49.043 ms
Loss rate: 1.59%

Run 10: Report of Vivace-LTE — Data Link

