

Pantheon Report

Generated at 2018-04-03 13:27:04 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

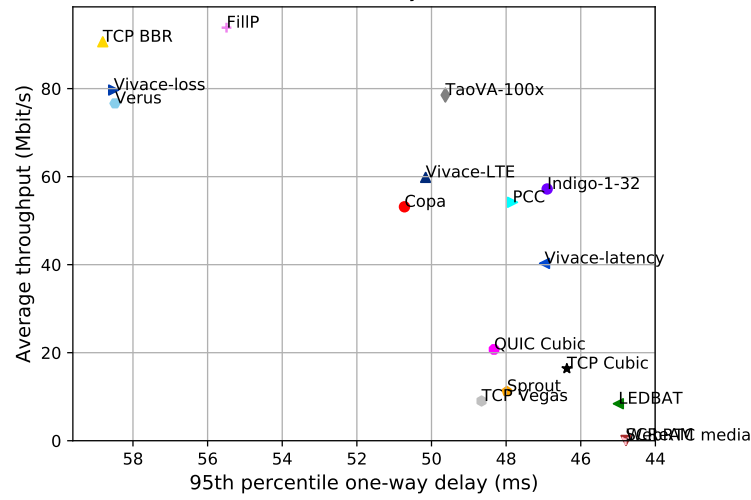
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

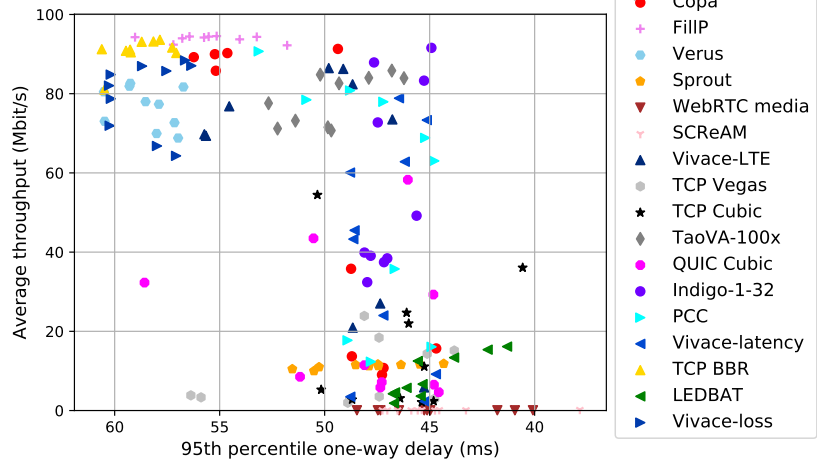
Git summary:

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

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	90.64	58.81	1.49
TCP Cubic	10	16.39	46.37	0.81
LEDBAT	10	8.41	44.99	1.39
PCC	10	54.17	47.83	1.05
QUIC Cubic	10	20.75	48.32	1.13
SCReAM	10	0.14	44.80	1.22
WebRTC media	10	0.06	44.79	0.67
Sprout	10	11.22	47.98	1.41
TaoVA-100x	10	78.54	49.63	1.44
TCP Vegas	10	9.02	48.66	1.06
Verus	10	76.65	58.48	1.45
Copa	10	53.15	50.72	1.02
FillP	10	93.84	55.49	1.26
Indigo-1-32	10	57.19	46.90	1.42
Vivace-latency	10	40.29	46.97	1.15
Vivace-loss	10	79.67	58.52	1.38
Vivace-LTE	10	59.84	50.16	1.21

Run 1: Statistics of TCP BBR

Start at: 2018-04-03 04:37:26

End at: 2018-04-03 04:37:56

Local clock offset: 0.436 ms

Remote clock offset: -8.336 ms

Below is generated by plot.py at 2018-04-03 13:11:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.01 Mbit/s

95th percentile per-packet one-way delay: 60.486 ms

Loss rate: 4.49%

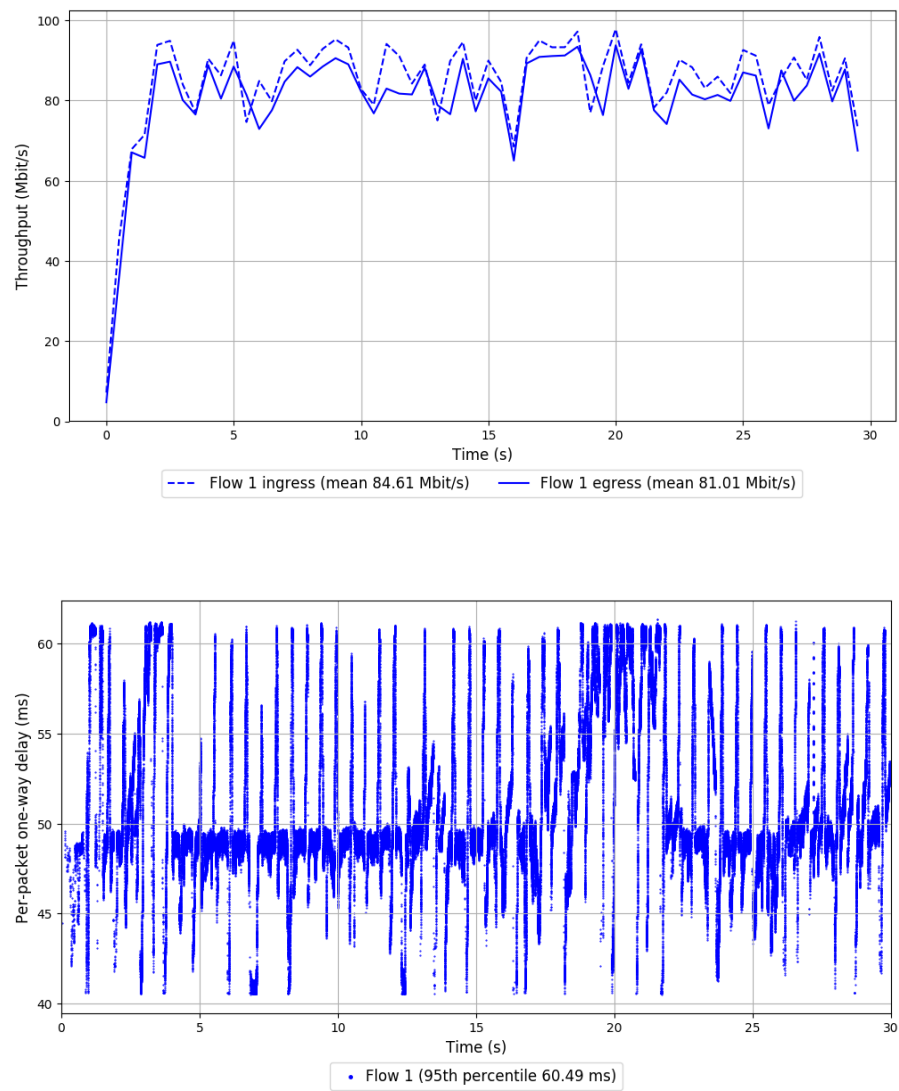
-- Flow 1:

Average throughput: 81.01 Mbit/s

95th percentile per-packet one-way delay: 60.486 ms

Loss rate: 4.49%

Run 1: Report of TCP BBR — Data Link

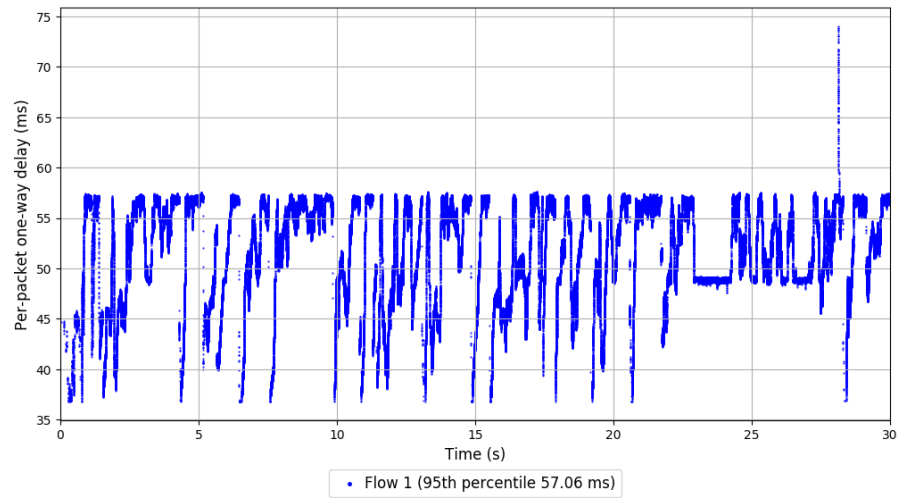
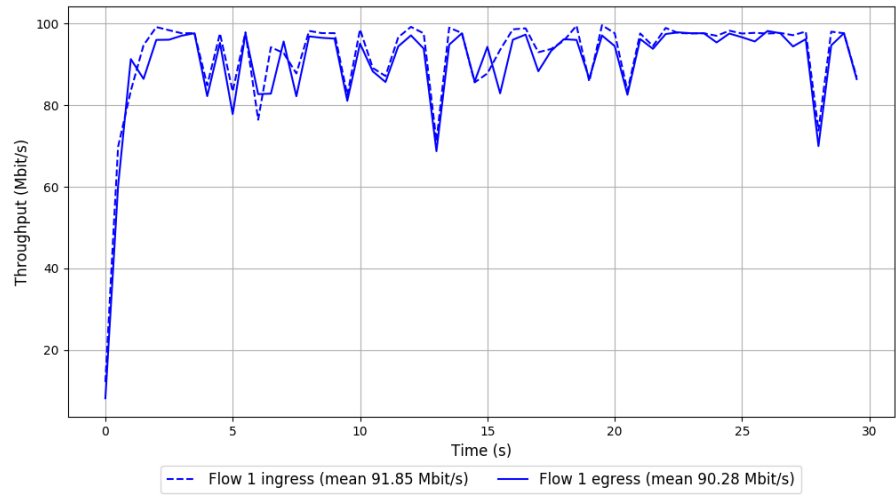


Run 2: Statistics of TCP BBR

Start at: 2018-04-03 05:07:09
End at: 2018-04-03 05:07:39
Local clock offset: 0.289 ms
Remote clock offset: -0.671 ms

Below is generated by plot.py at 2018-04-03 13:11:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 57.064 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 57.064 ms
Loss rate: 1.94%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-04-03 05:34:06

End at: 2018-04-03 05:34:36

Local clock offset: 0.21 ms

Remote clock offset: -3.548 ms

Below is generated by plot.py at 2018-04-03 13:11:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.83 Mbit/s

95th percentile per-packet one-way delay: 59.461 ms

Loss rate: 1.67%

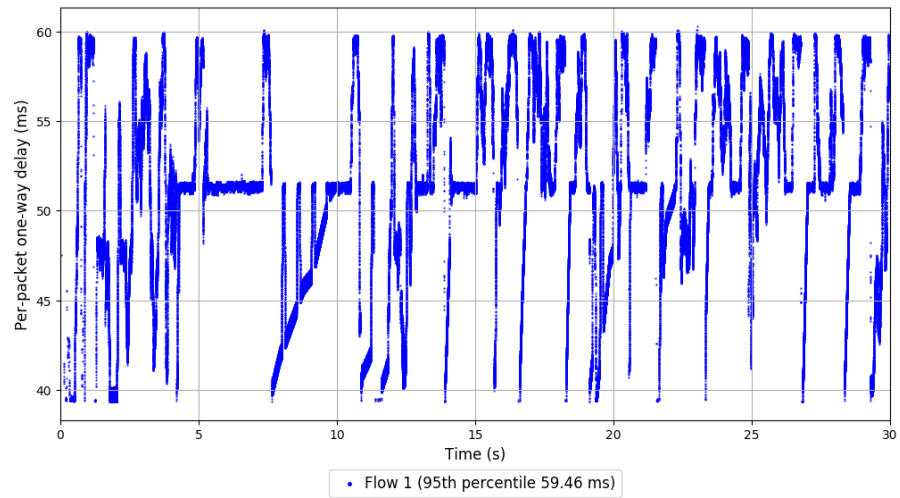
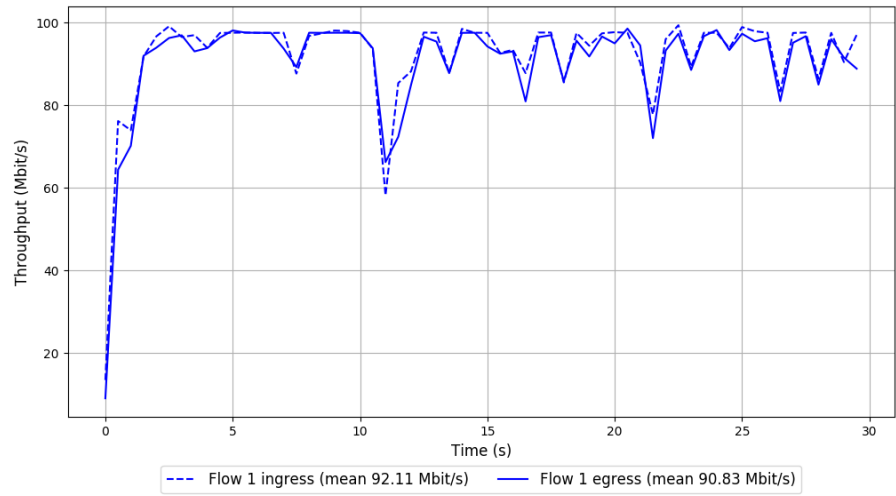
-- Flow 1:

Average throughput: 90.83 Mbit/s

95th percentile per-packet one-way delay: 59.461 ms

Loss rate: 1.67%

Run 3: Report of TCP BBR — Data Link

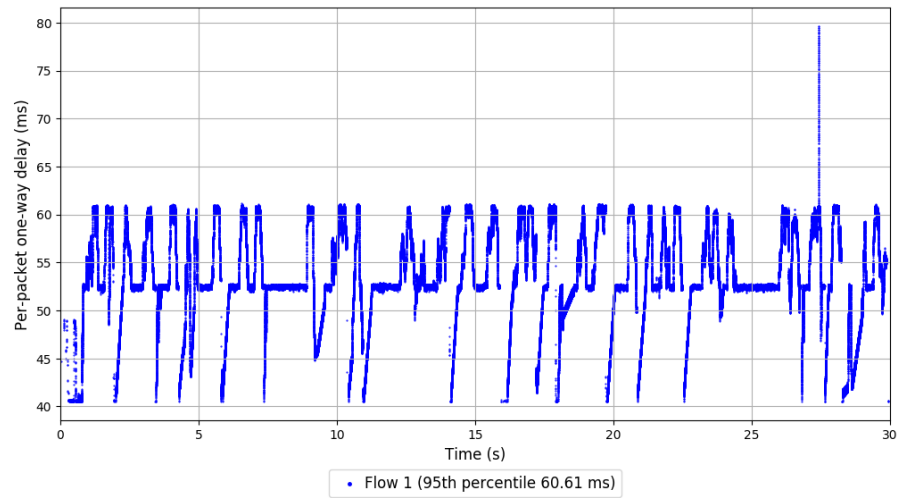
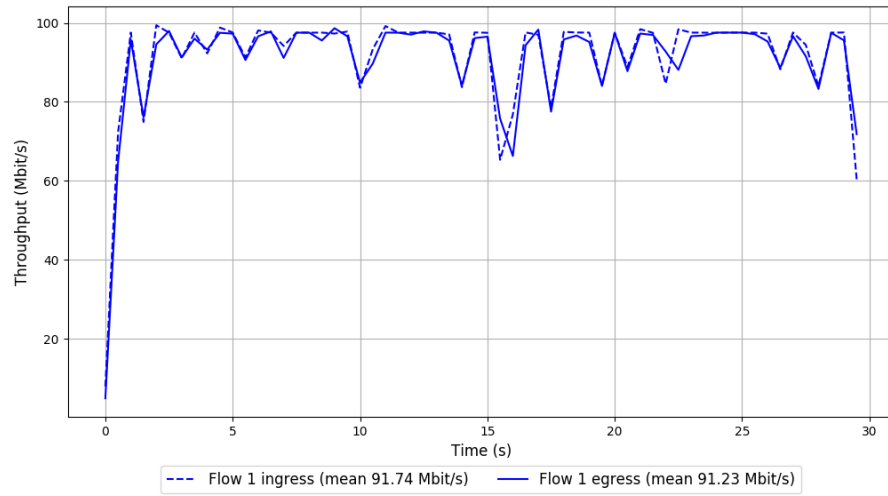


Run 4: Statistics of TCP BBR

Start at: 2018-04-03 05:59:16
End at: 2018-04-03 05:59:46
Local clock offset: 0.001 ms
Remote clock offset: -3.894 ms

Below is generated by plot.py at 2018-04-03 13:11:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 60.613 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 91.23 Mbit/s
95th percentile per-packet one-way delay: 60.613 ms
Loss rate: 0.79%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-04-03 06:26:36

End at: 2018-04-03 06:27:06

Local clock offset: -0.034 ms

Remote clock offset: -3.68 ms

Below is generated by plot.py at 2018-04-03 13:11:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 59.263 ms

Loss rate: 1.37%

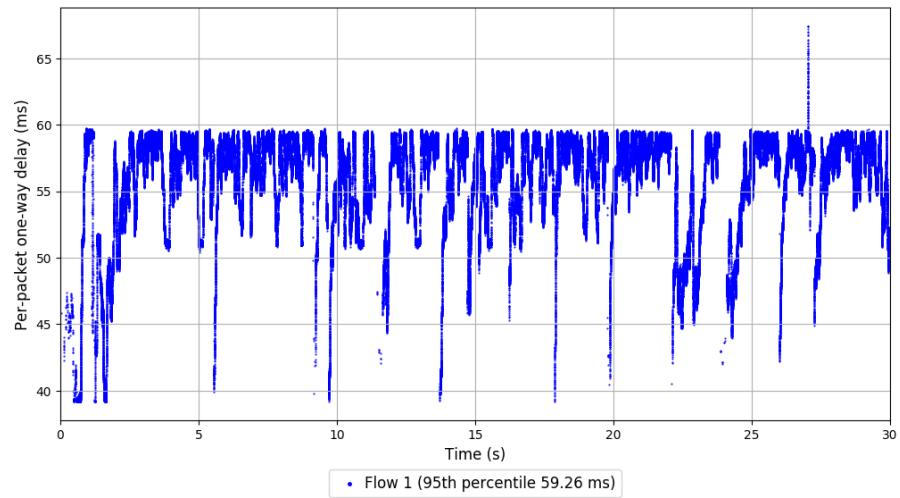
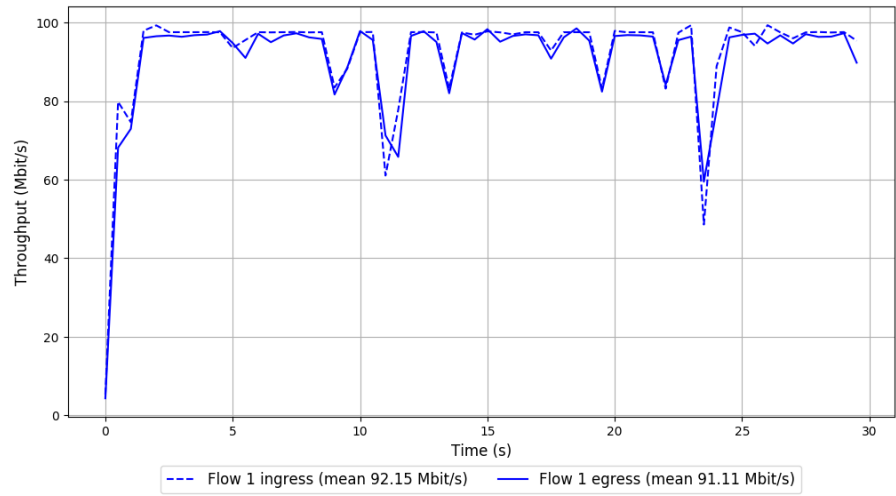
-- Flow 1:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 59.263 ms

Loss rate: 1.37%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-04-03 06:55:27

End at: 2018-04-03 06:55:57

Local clock offset: 0.096 ms

Remote clock offset: -2.922 ms

Below is generated by plot.py at 2018-04-03 13:11:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.45 Mbit/s

95th percentile per-packet one-way delay: 59.234 ms

Loss rate: 1.30%

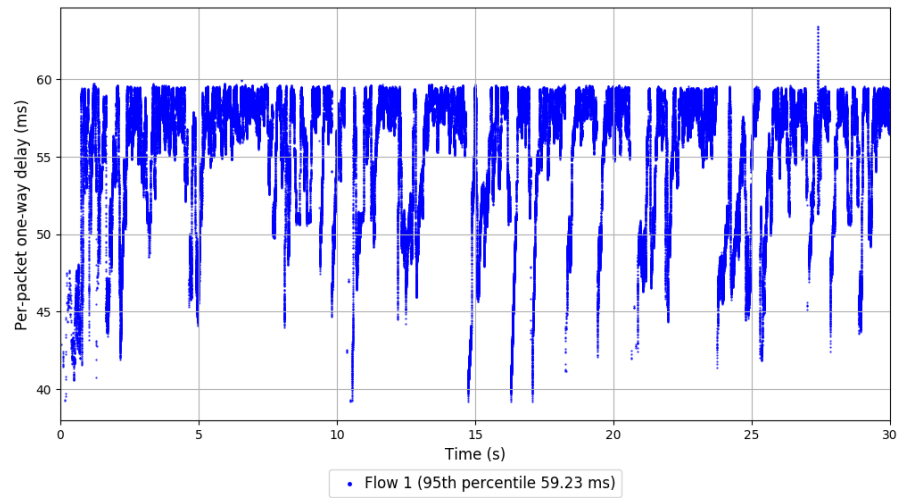
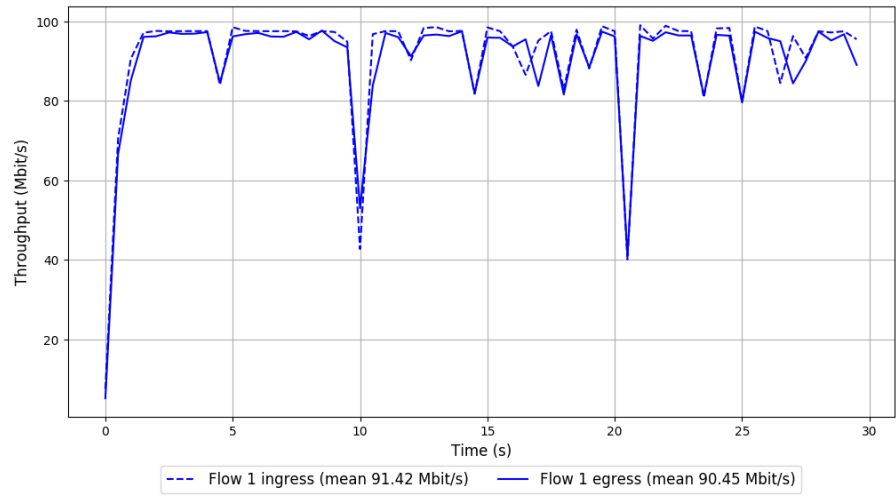
-- Flow 1:

Average throughput: 90.45 Mbit/s

95th percentile per-packet one-way delay: 59.234 ms

Loss rate: 1.30%

Run 6: Report of TCP BBR — Data Link

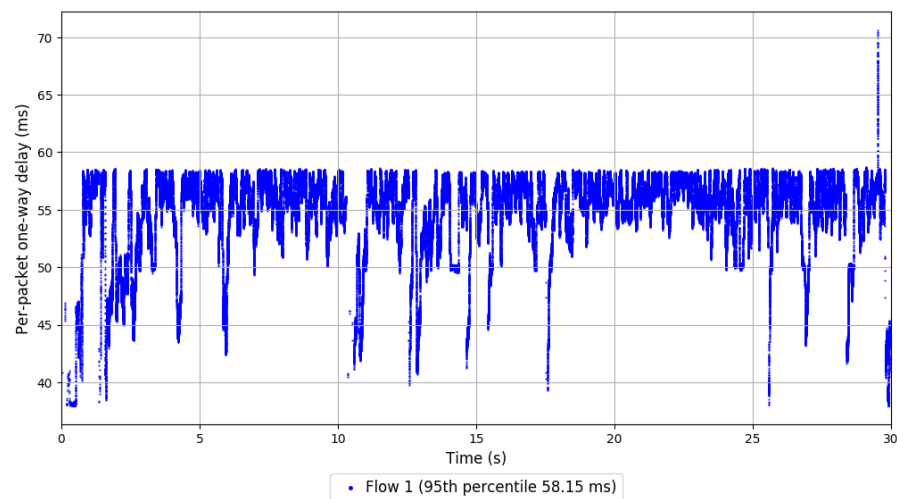
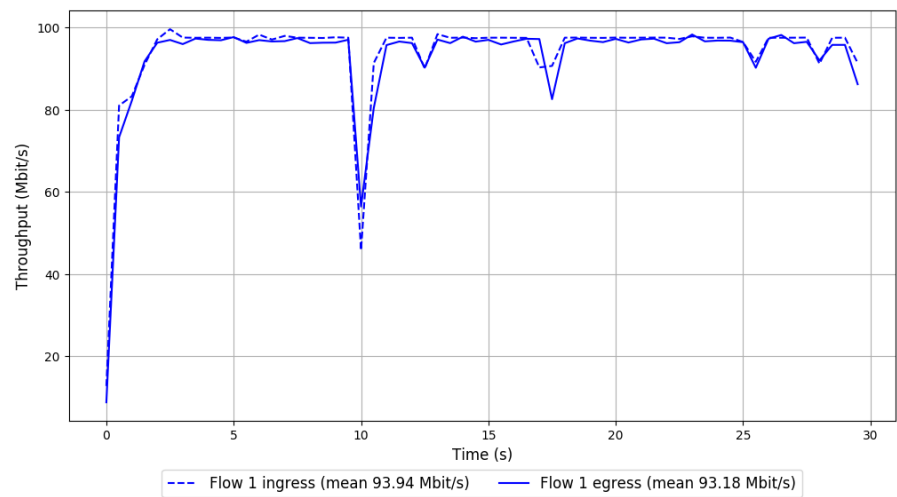


Run 7: Statistics of TCP BBR

Start at: 2018-04-03 07:23:36
End at: 2018-04-03 07:24:06
Local clock offset: 0.231 ms
Remote clock offset: -1.812 ms

Below is generated by plot.py at 2018-04-03 13:11:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 58.154 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 58.154 ms
Loss rate: 1.04%

Run 7: Report of TCP BBR — Data Link

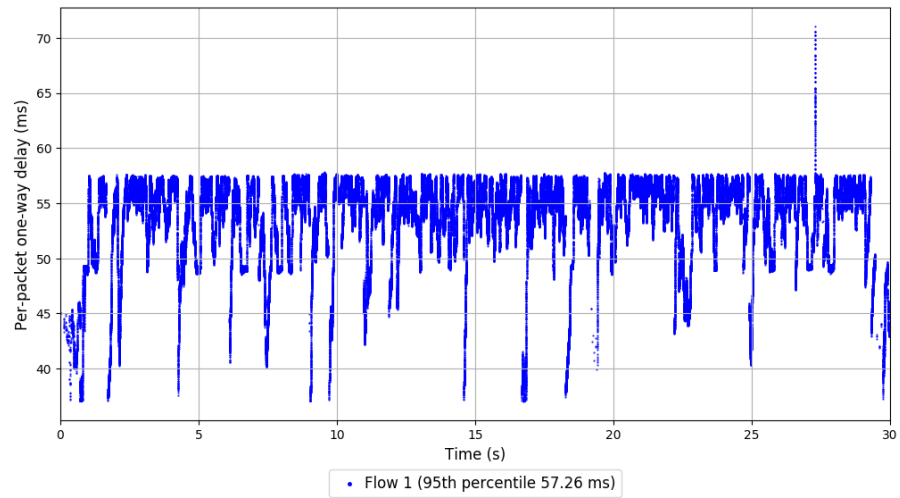
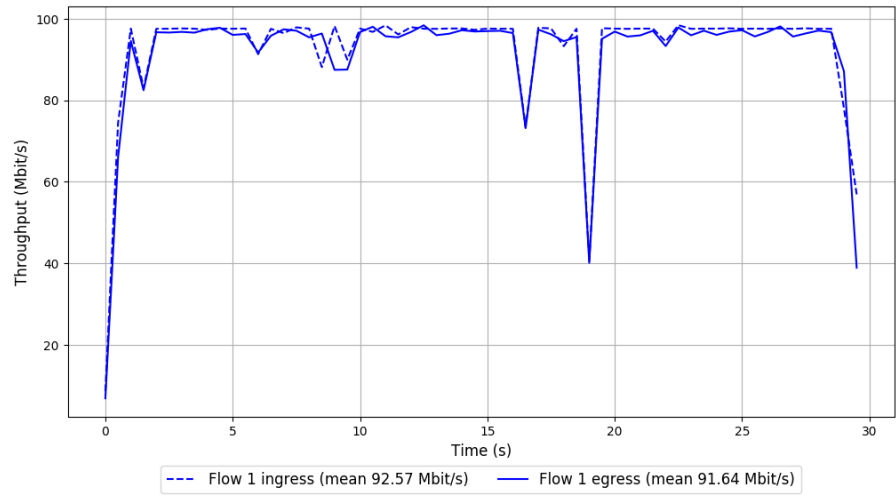


Run 8: Statistics of TCP BBR

Start at: 2018-04-03 07:51:24
End at: 2018-04-03 07:51:54
Local clock offset: -0.313 ms
Remote clock offset: -4.856 ms

Below is generated by plot.py at 2018-04-03 13:11:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 57.259 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 57.259 ms
Loss rate: 1.26%

Run 8: Report of TCP BBR — Data Link

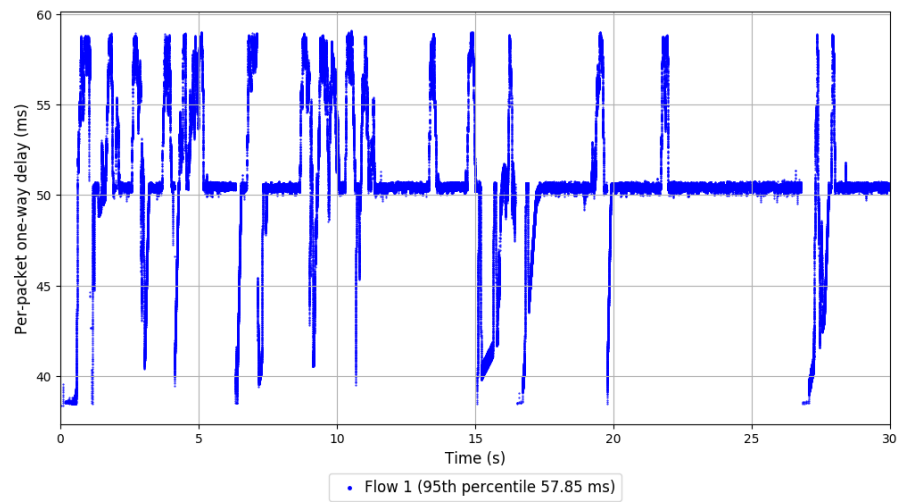
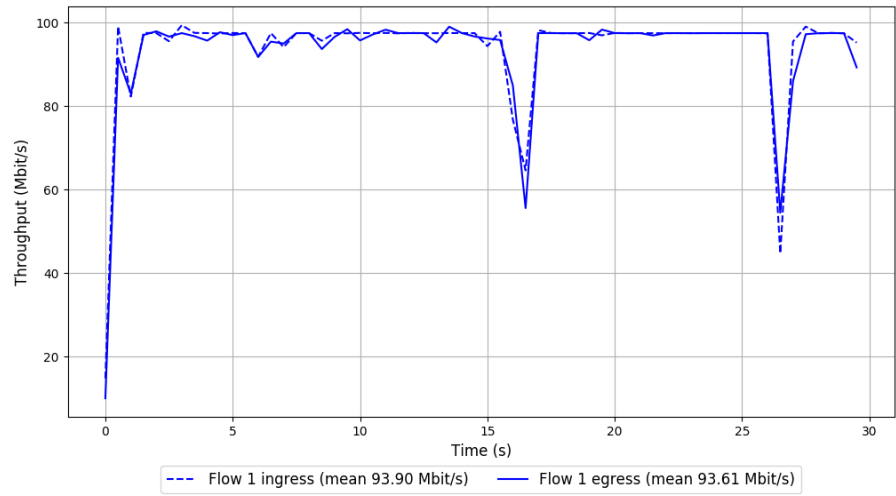


Run 9: Statistics of TCP BBR

Start at: 2018-04-03 08:19:11
End at: 2018-04-03 08:19:41
Local clock offset: -0.262 ms
Remote clock offset: -3.834 ms

Below is generated by plot.py at 2018-04-03 13:12:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 57.848 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 57.848 ms
Loss rate: 0.55%

Run 9: Report of TCP BBR — Data Link

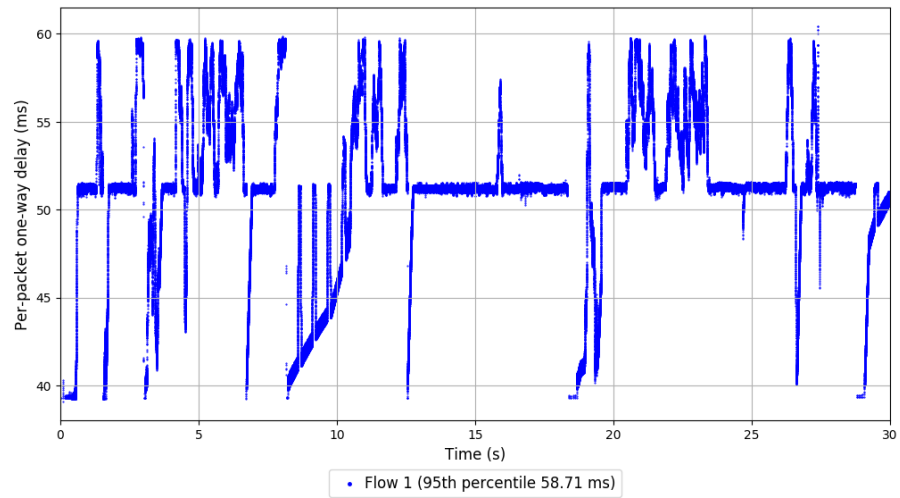
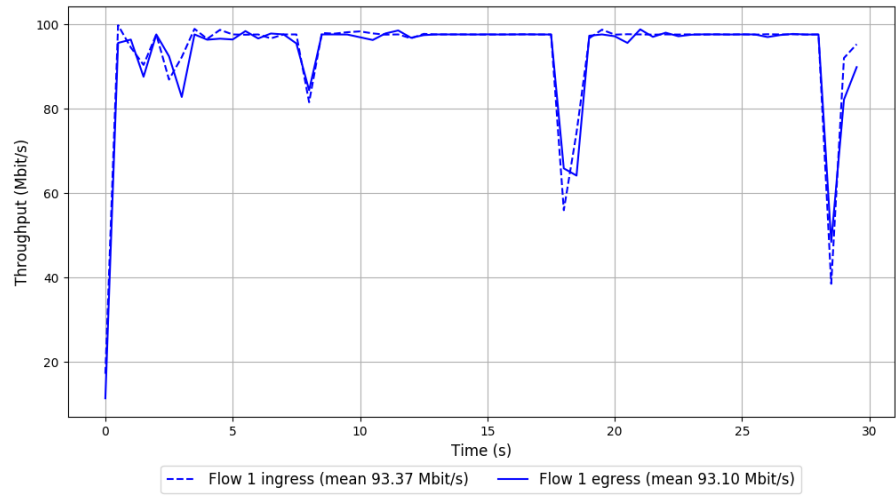


Run 10: Statistics of TCP BBR

Start at: 2018-04-03 08:44:00
End at: 2018-04-03 08:44:30
Local clock offset: -0.41 ms
Remote clock offset: -4.193 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 58.713 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 93.10 Mbit/s
95th percentile per-packet one-way delay: 58.713 ms
Loss rate: 0.53%

Run 10: Report of TCP BBR — Data Link

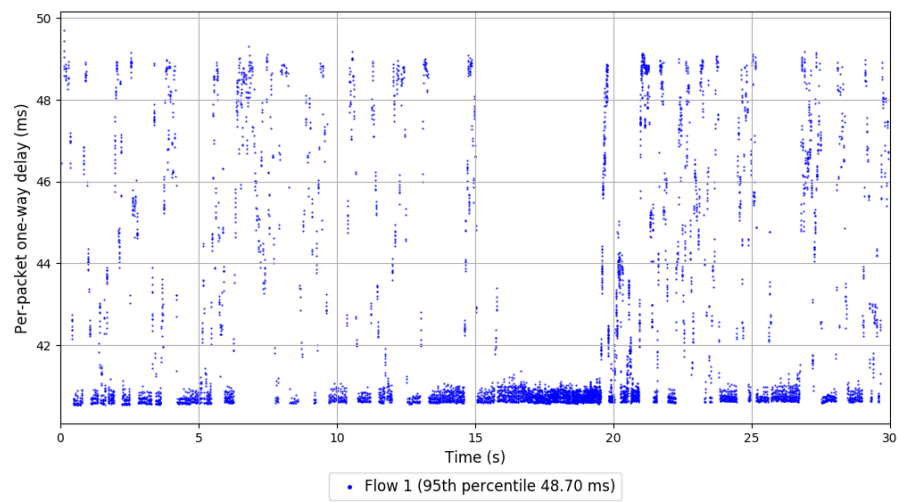
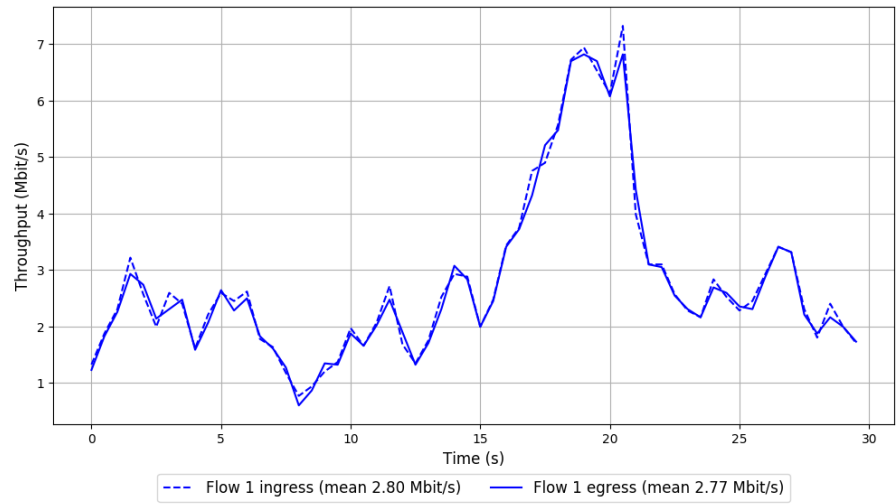


Run 1: Statistics of TCP Cubic

Start at: 2018-04-03 04:55:11
End at: 2018-04-03 04:55:41
Local clock offset: 0.356 ms
Remote clock offset: -4.124 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 48.695 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 48.695 ms
Loss rate: 1.22%

Run 1: Report of TCP Cubic — Data Link

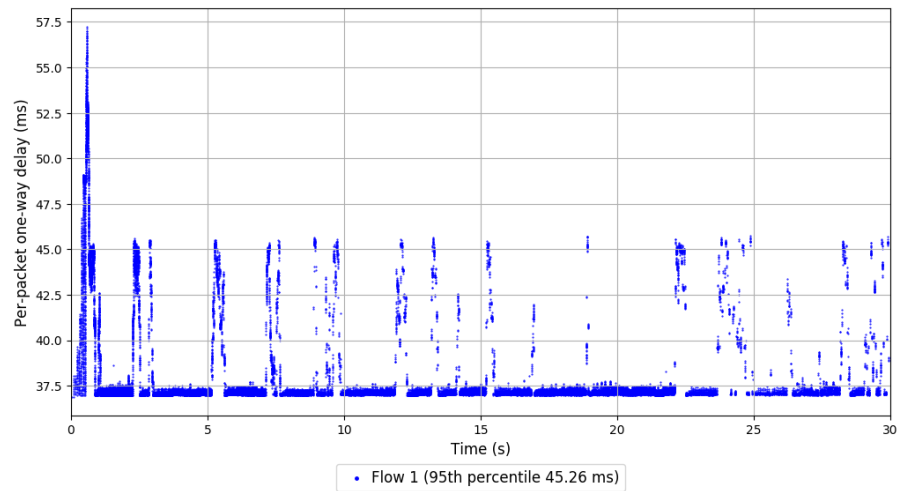
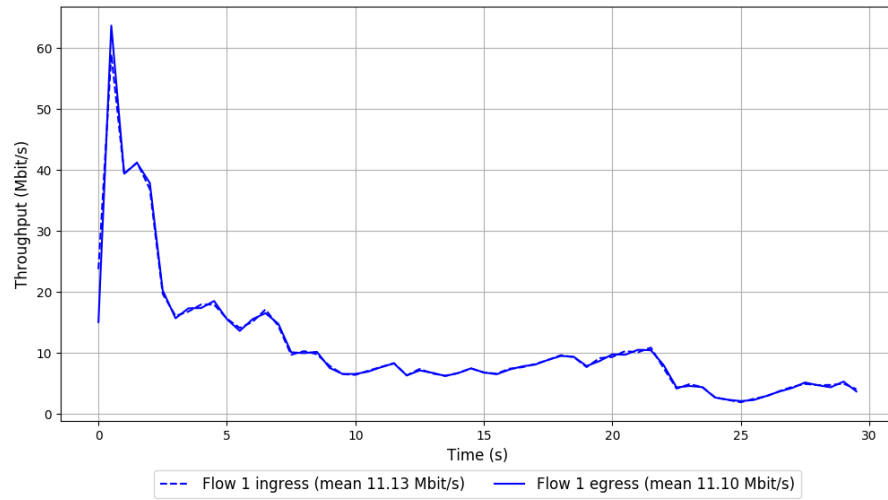


Run 2: Statistics of TCP Cubic

Start at: 2018-04-03 05:22:31
End at: 2018-04-03 05:23:01
Local clock offset: 0.165 ms
Remote clock offset: -1.337 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 45.258 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 11.10 Mbit/s
95th percentile per-packet one-way delay: 45.258 ms
Loss rate: 0.53%

Run 2: Report of TCP Cubic — Data Link

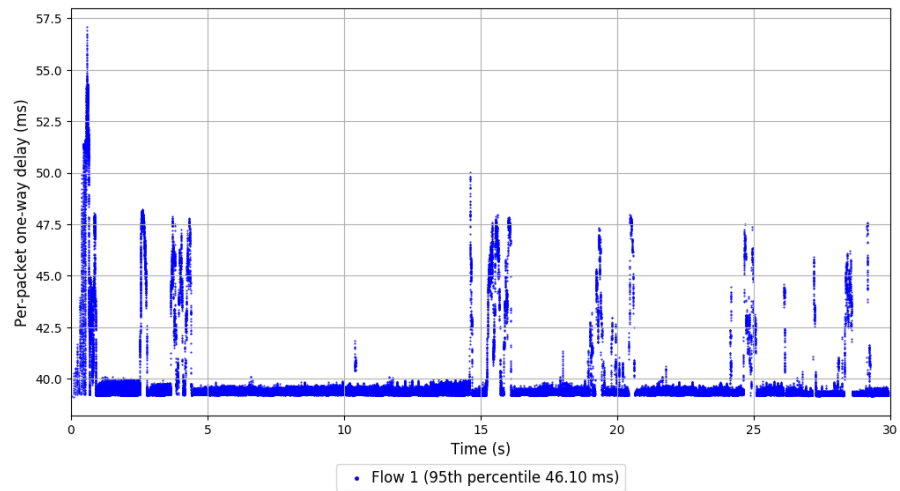
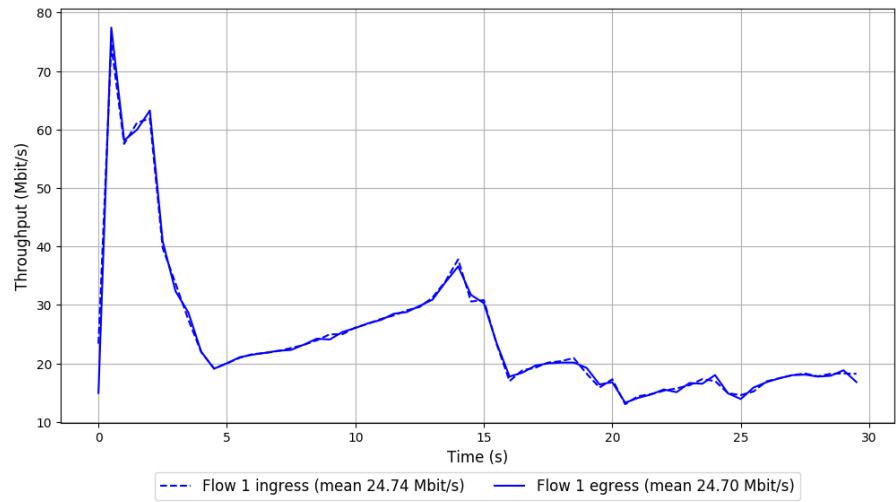


Run 3: Statistics of TCP Cubic

Start at: 2018-04-03 05:48:21
End at: 2018-04-03 05:48:51
Local clock offset: 0.042 ms
Remote clock offset: -3.492 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 46.097 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.70 Mbit/s
95th percentile per-packet one-way delay: 46.097 ms
Loss rate: 0.40%

Run 3: Report of TCP Cubic — Data Link

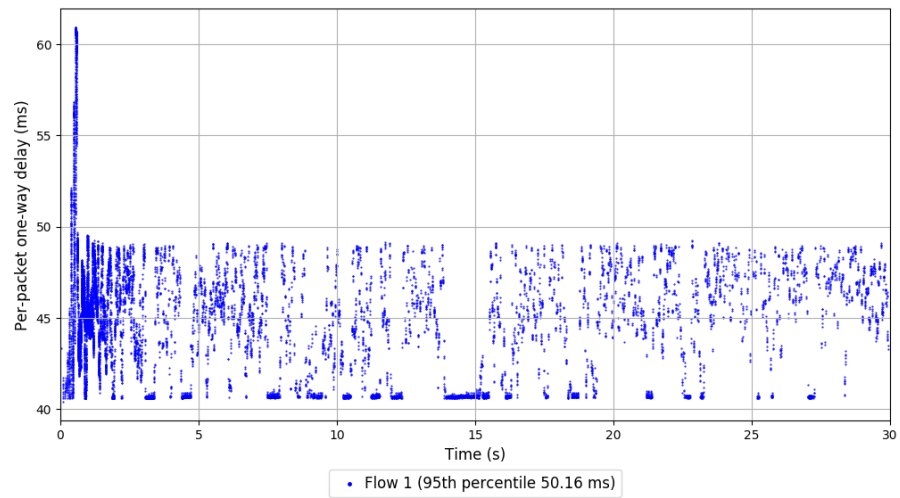
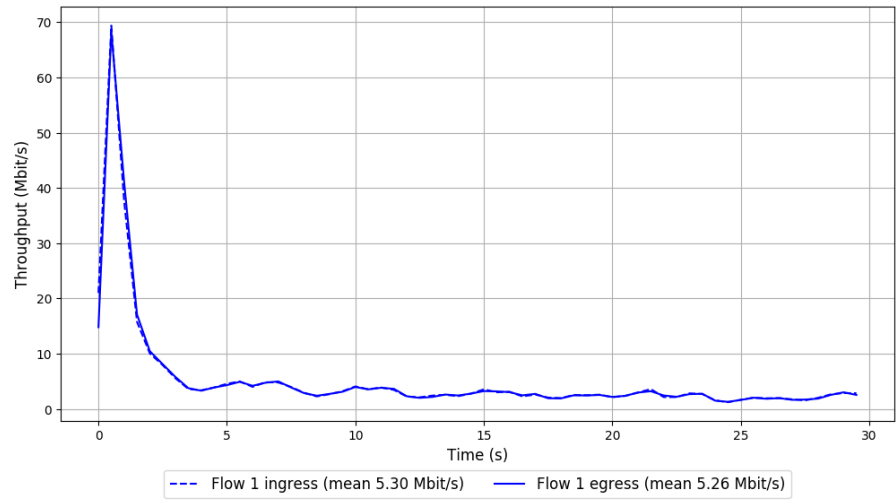


Run 4: Statistics of TCP Cubic

Start at: 2018-04-03 06:14:11
End at: 2018-04-03 06:14:41
Local clock offset: 0.087 ms
Remote clock offset: -4.065 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 50.164 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 50.164 ms
Loss rate: 0.84%

Run 4: Report of TCP Cubic — Data Link

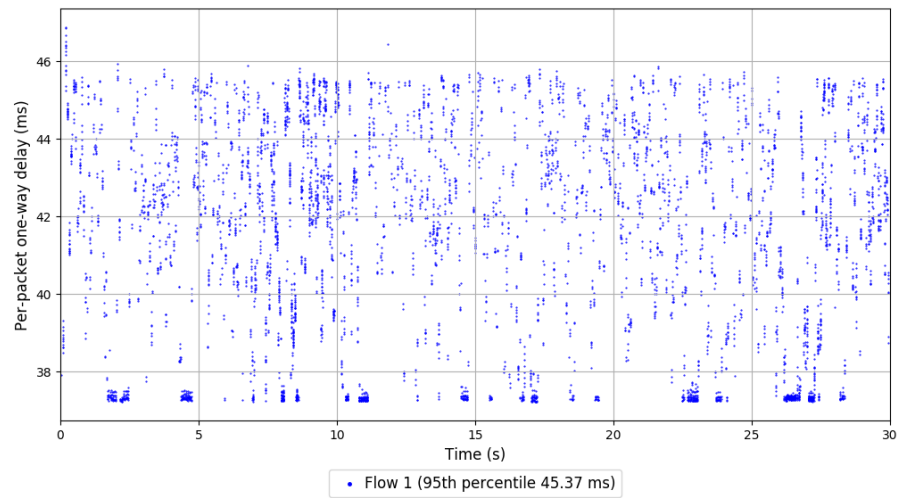
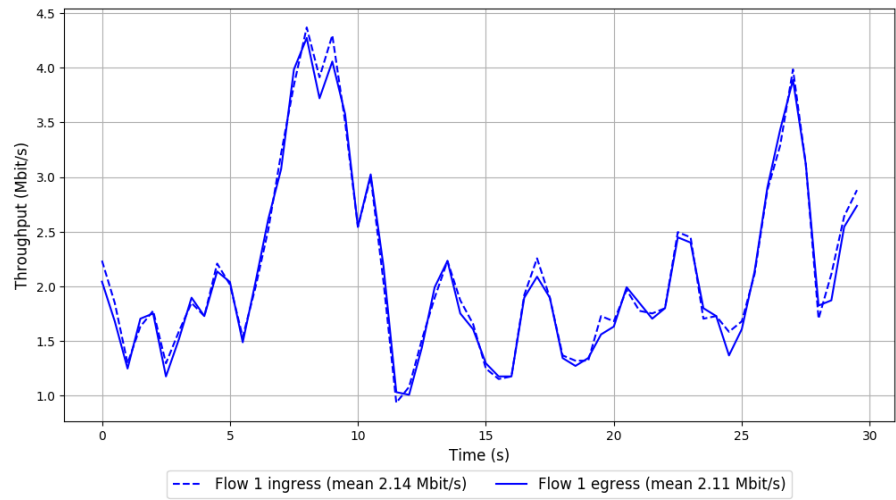


Run 5: Statistics of TCP Cubic

Start at: 2018-04-03 06:42:52
End at: 2018-04-03 06:43:22
Local clock offset: 0.127 ms
Remote clock offset: -1.142 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 45.374 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 45.374 ms
Loss rate: 1.37%

Run 5: Report of TCP Cubic — Data Link

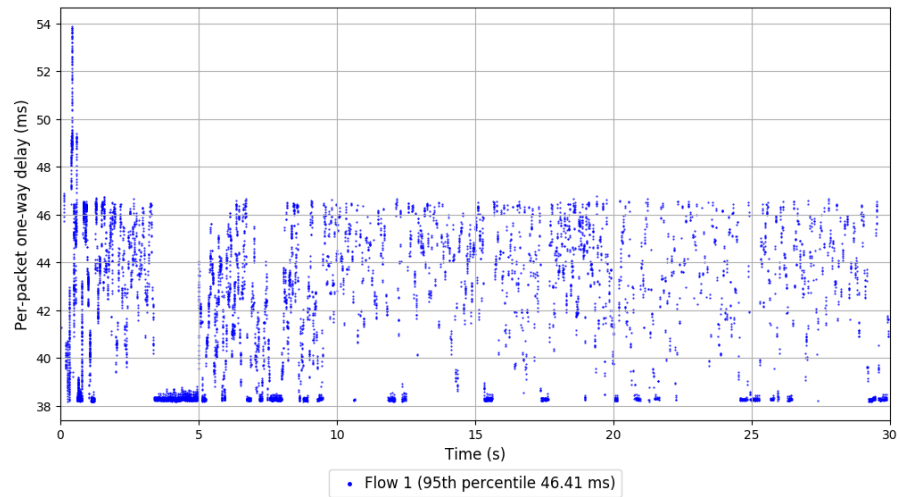
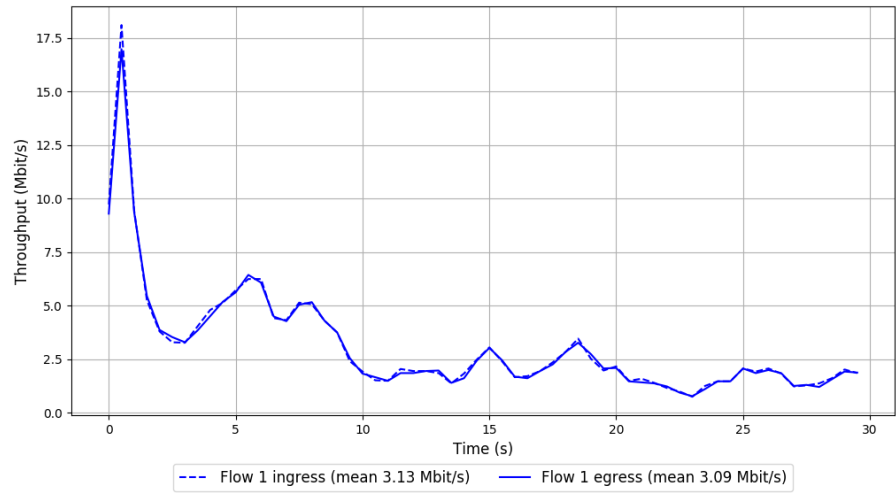


Run 6: Statistics of TCP Cubic

Start at: 2018-04-03 07:11:44
End at: 2018-04-03 07:12:14
Local clock offset: 0.23 ms
Remote clock offset: -1.901 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 46.408 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 46.408 ms
Loss rate: 1.37%

Run 6: Report of TCP Cubic — Data Link

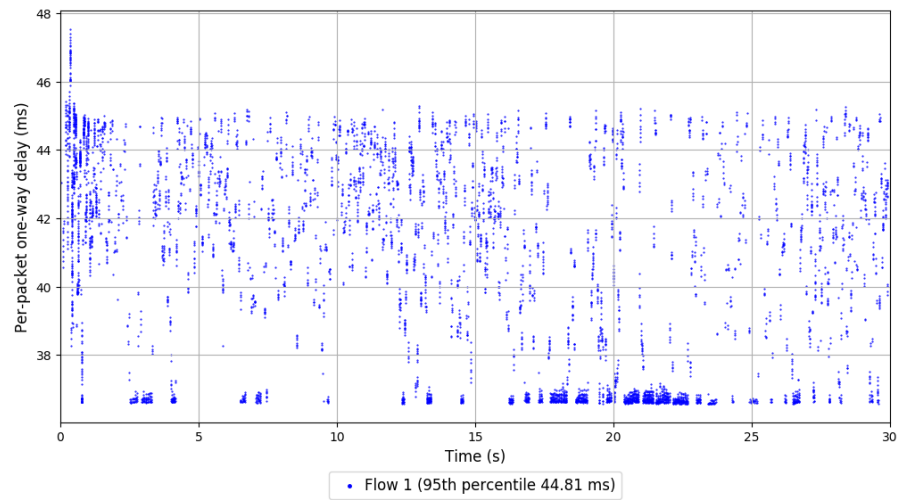
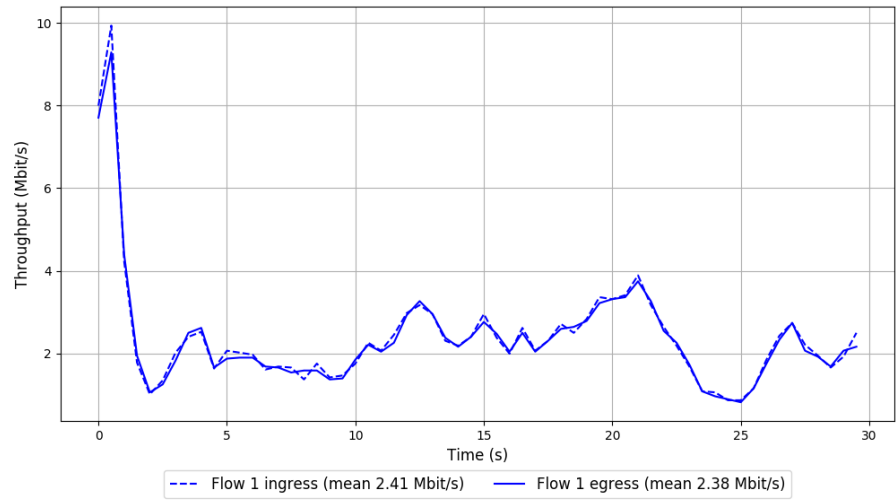


Run 7: Statistics of TCP Cubic

Start at: 2018-04-03 07:39:46
End at: 2018-04-03 07:40:16
Local clock offset: 0.044 ms
Remote clock offset: -3.618 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 44.813 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 44.813 ms
Loss rate: 1.59%

Run 7: Report of TCP Cubic — Data Link

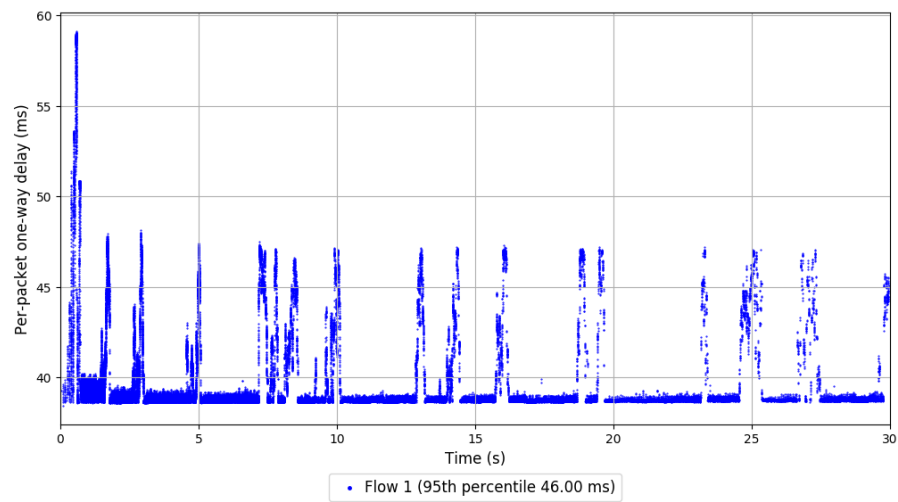
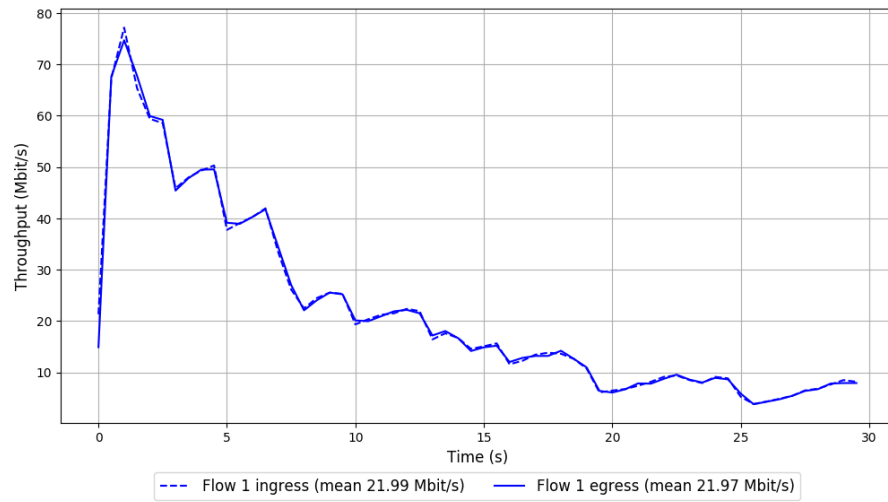


Run 8: Statistics of TCP Cubic

Start at: 2018-04-03 08:08:23
End at: 2018-04-03 08:08:53
Local clock offset: -0.232 ms
Remote clock offset: -4.555 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.97 Mbit/s
95th percentile per-packet one-way delay: 45.999 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 21.97 Mbit/s
95th percentile per-packet one-way delay: 45.999 ms
Loss rate: 0.30%

Run 8: Report of TCP Cubic — Data Link

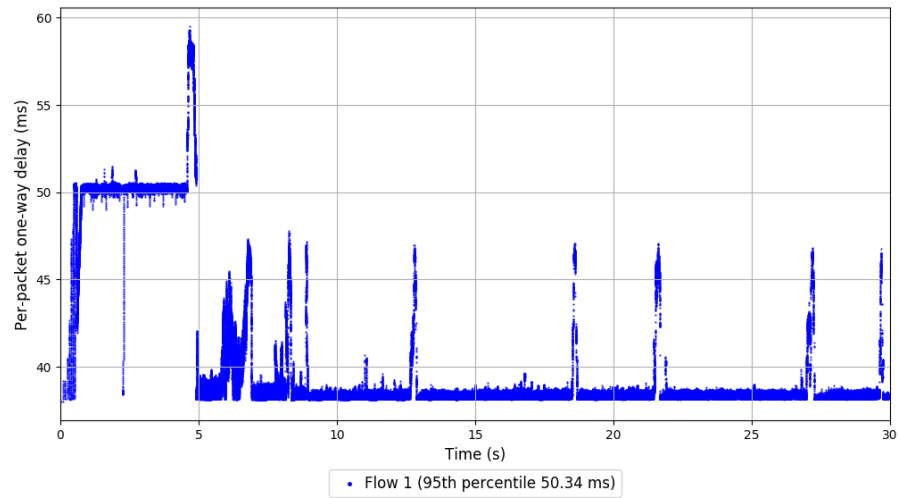
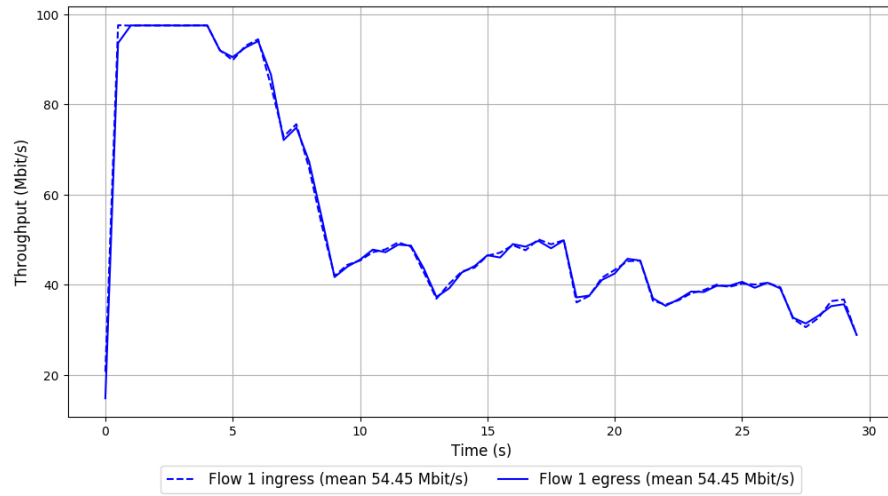


Run 9: Statistics of TCP Cubic

Start at: 2018-04-03 08:33:07
End at: 2018-04-03 08:33:38
Local clock offset: -0.415 ms
Remote clock offset: -2.978 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.45 Mbit/s
95th percentile per-packet one-way delay: 50.344 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 54.45 Mbit/s
95th percentile per-packet one-way delay: 50.344 ms
Loss rate: 0.24%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-04-03 08:57:23

End at: 2018-04-03 08:57:53

Local clock offset: -0.355 ms

Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-04-03 13:12:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.07 Mbit/s

95th percentile per-packet one-way delay: 40.571 ms

Loss rate: 0.28%

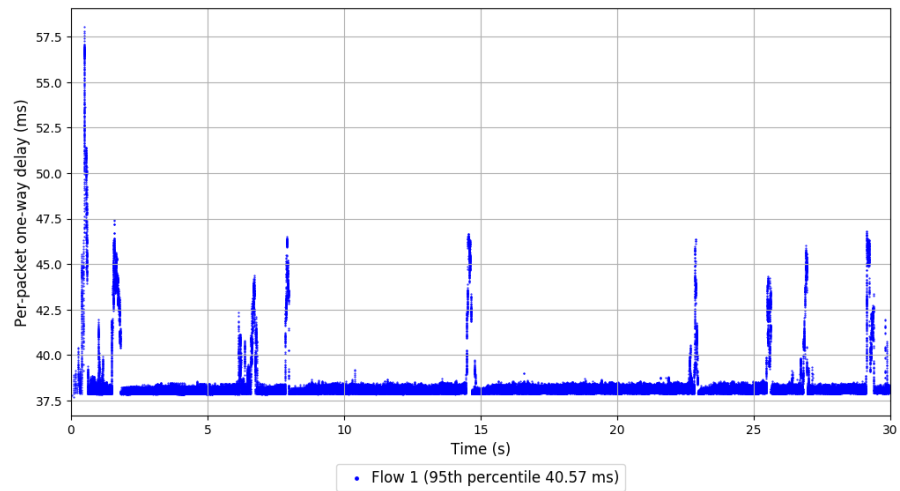
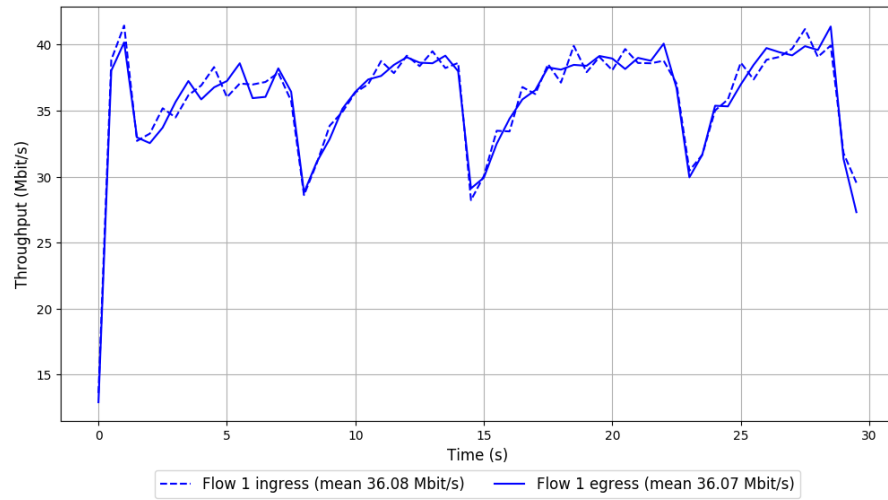
-- Flow 1:

Average throughput: 36.07 Mbit/s

95th percentile per-packet one-way delay: 40.571 ms

Loss rate: 0.28%

Run 10: Report of TCP Cubic — Data Link

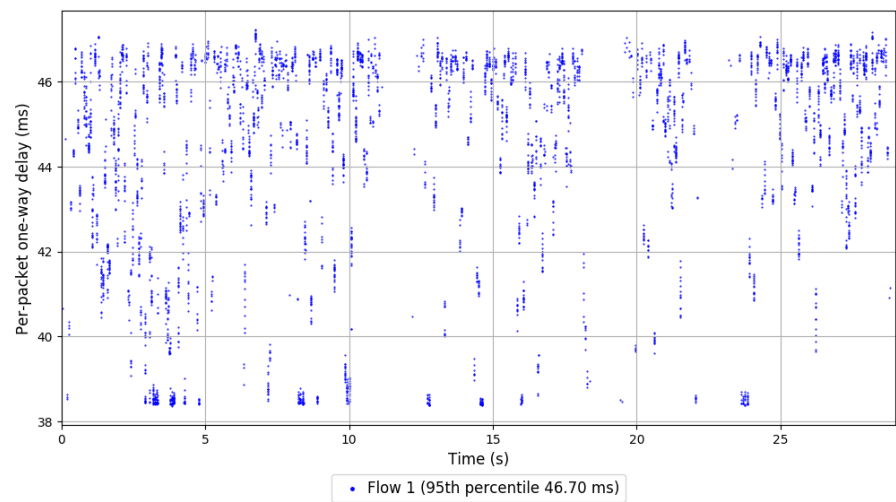
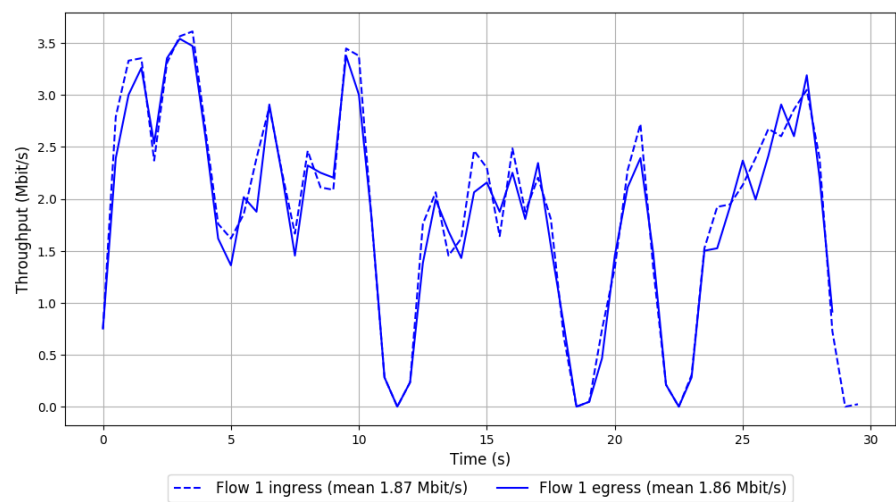


Run 1: Statistics of LEDBAT

Start at: 2018-04-03 04:34:48
End at: 2018-04-03 04:35:18
Local clock offset: 0.458 ms
Remote clock offset: -6.026 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 46.699 ms
Loss rate: 3.91%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 46.699 ms
Loss rate: 3.91%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-04-03 05:04:33

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

Local clock offset: 0.298 ms

Remote clock offset: -1.14 ms

Below is generated by plot.py at 2018-04-03 13:12:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.68 Mbit/s

95th percentile per-packet one-way delay: 45.339 ms

Loss rate: 1.16%

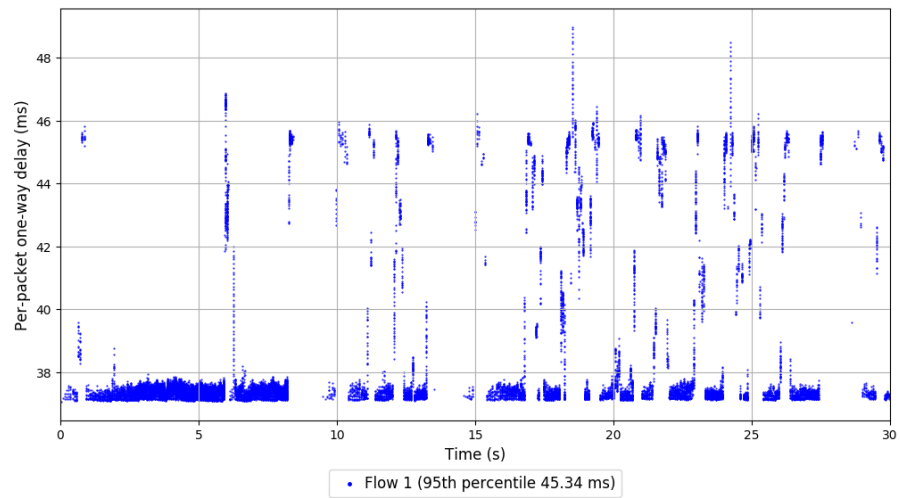
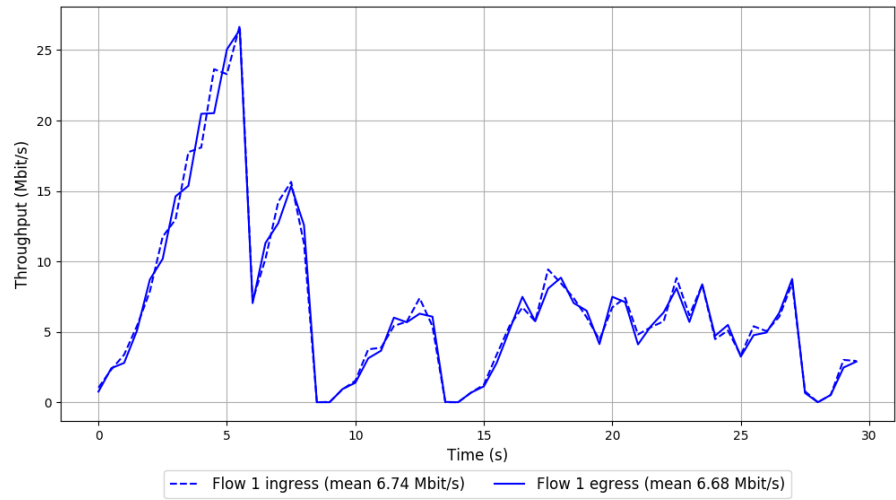
-- Flow 1:

Average throughput: 6.68 Mbit/s

95th percentile per-packet one-way delay: 45.339 ms

Loss rate: 1.16%

Run 2: Report of LEDBAT — Data Link

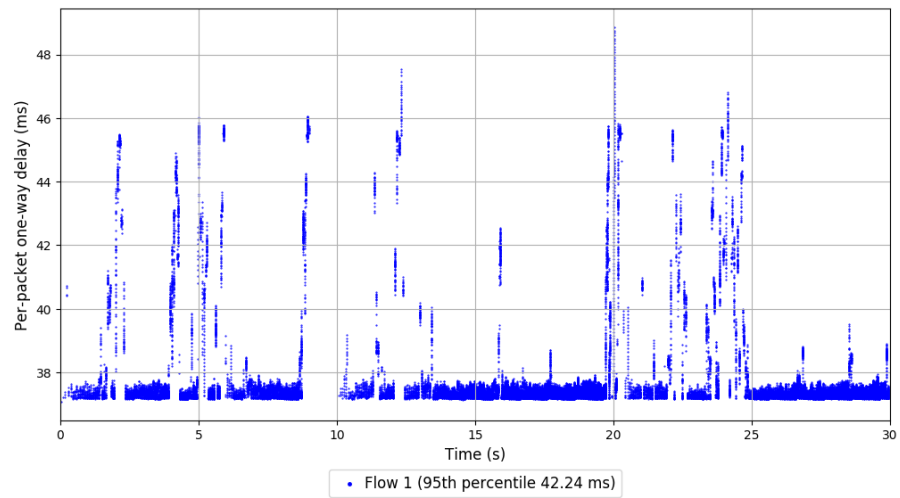
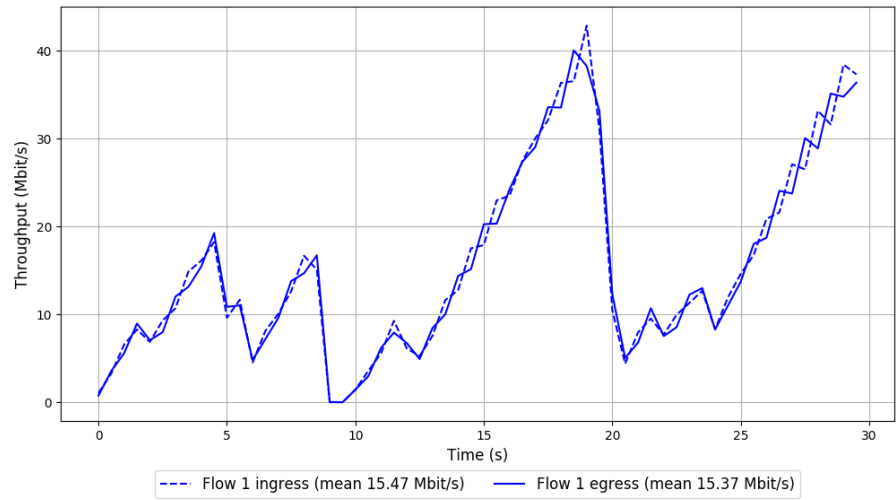


Run 3: Statistics of LEDBAT

Start at: 2018-04-03 05:31:28
End at: 2018-04-03 05:31:58
Local clock offset: 0.232 ms
Remote clock offset: -1.425 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 42.240 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 42.240 ms
Loss rate: 0.84%

Run 3: Report of LEDBAT — Data Link

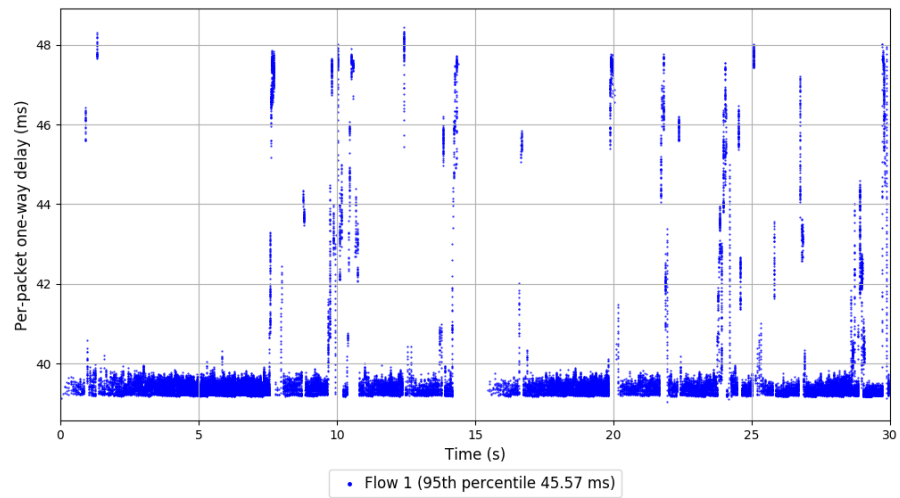
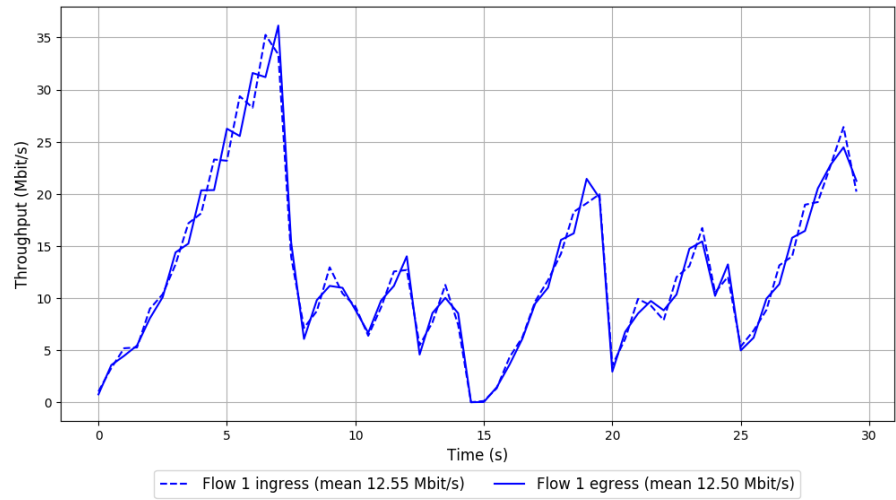


Run 4: Statistics of LEDBAT

Start at: 2018-04-03 05:56:43
End at: 2018-04-03 05:57:13
Local clock offset: 0.077 ms
Remote clock offset: -3.886 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 45.566 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 45.566 ms
Loss rate: 0.58%

Run 4: Report of LEDBAT — Data Link

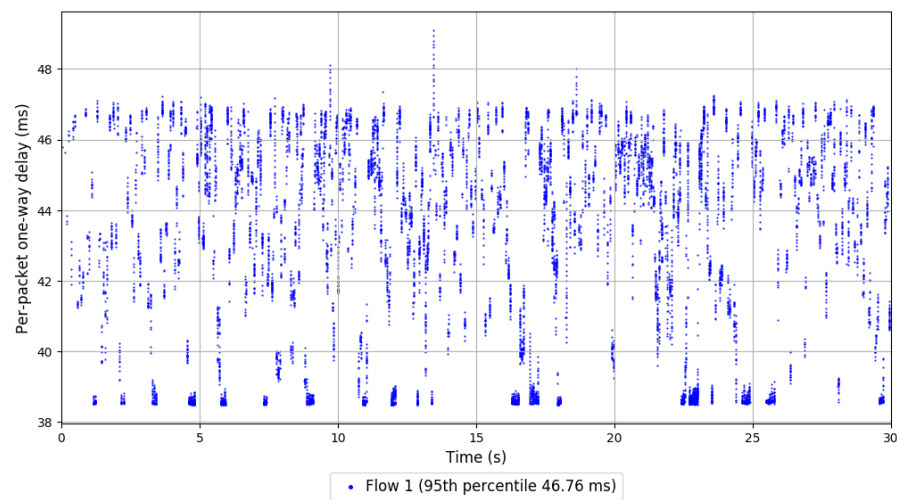
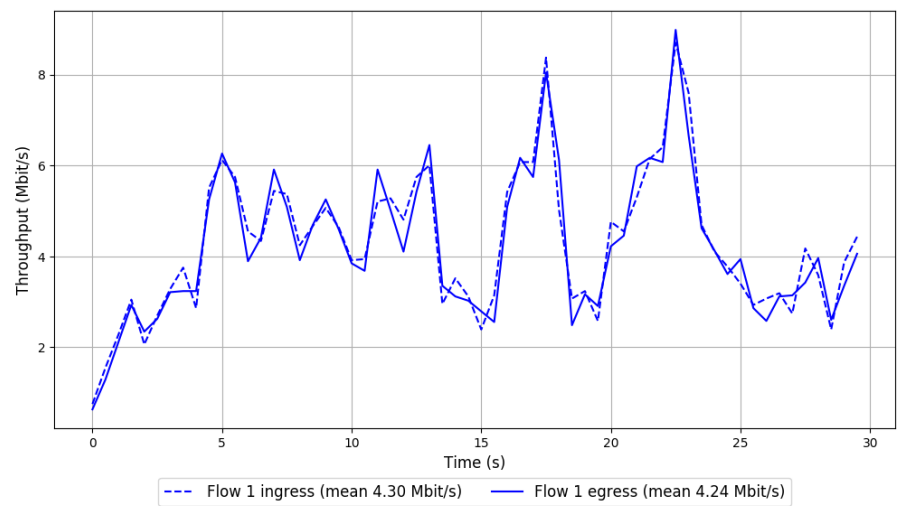


Run 5: Statistics of LEDBAT

Start at: 2018-04-03 06:24:00
End at: 2018-04-03 06:24:30
Local clock offset: 0.014 ms
Remote clock offset: -1.812 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 46.759 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 46.759 ms
Loss rate: 1.63%

Run 5: Report of LEDBAT — Data Link

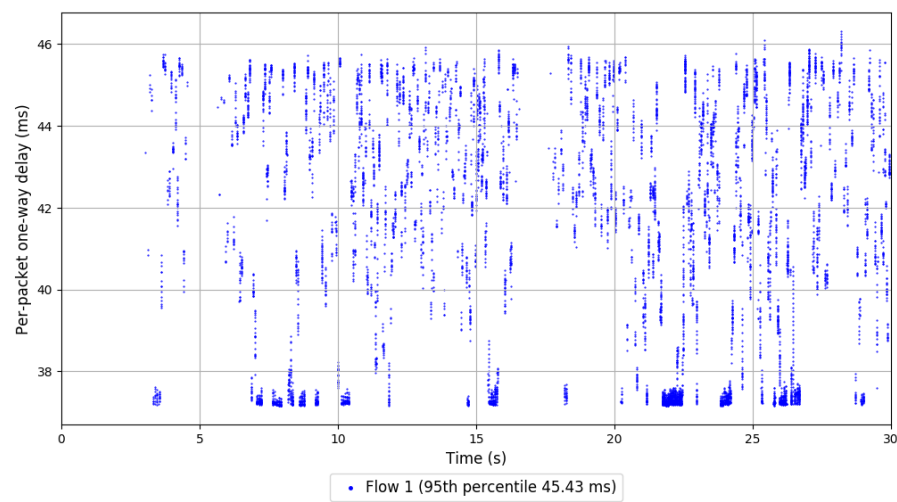
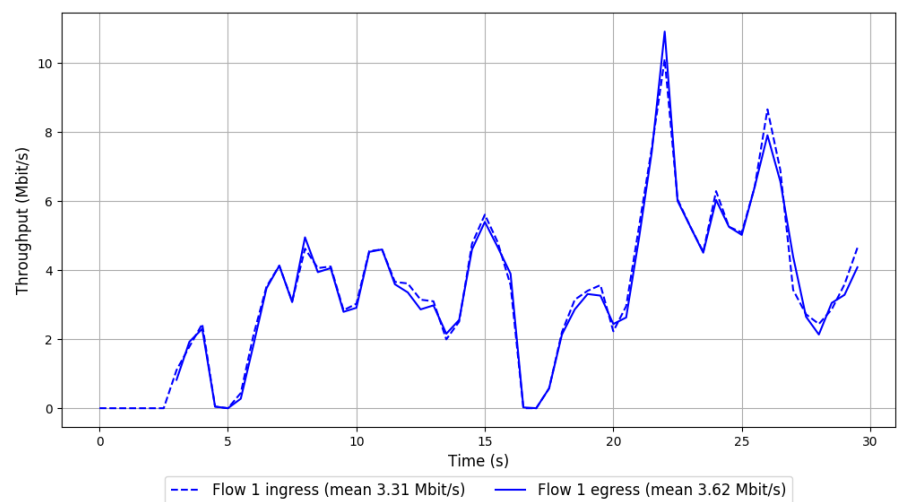


Run 6: Statistics of LEDBAT

Start at: 2018-04-03 06:52:46
End at: 2018-04-03 06:53:16
Local clock offset: 0.096 ms
Remote clock offset: -0.857 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 45.428 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 3.62 Mbit/s
95th percentile per-packet one-way delay: 45.428 ms
Loss rate: 1.81%

Run 6: Report of LEDBAT — Data Link

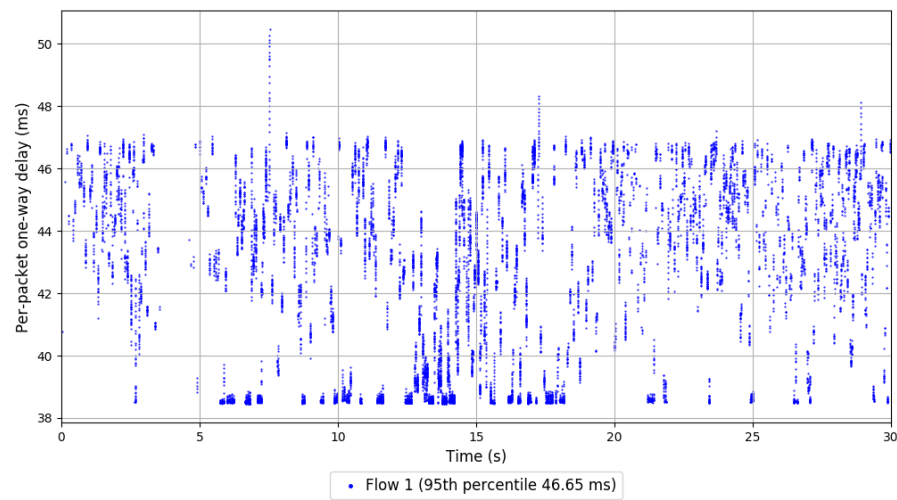
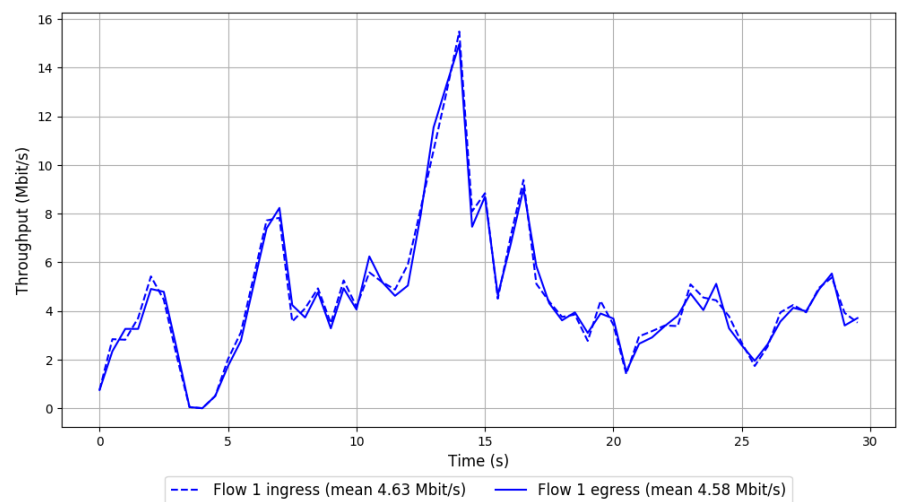


Run 7: Statistics of LEDBAT

Start at: 2018-04-03 07:21:00
End at: 2018-04-03 07:21:30
Local clock offset: 0.253 ms
Remote clock offset: -2.323 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.58 Mbit/s
95th percentile per-packet one-way delay: 46.648 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 4.58 Mbit/s
95th percentile per-packet one-way delay: 46.648 ms
Loss rate: 1.32%

Run 7: Report of LEDBAT — Data Link

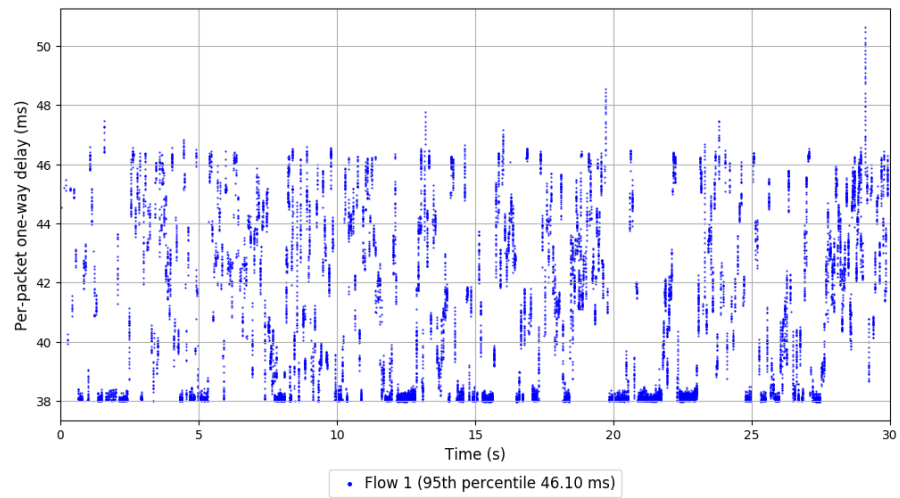
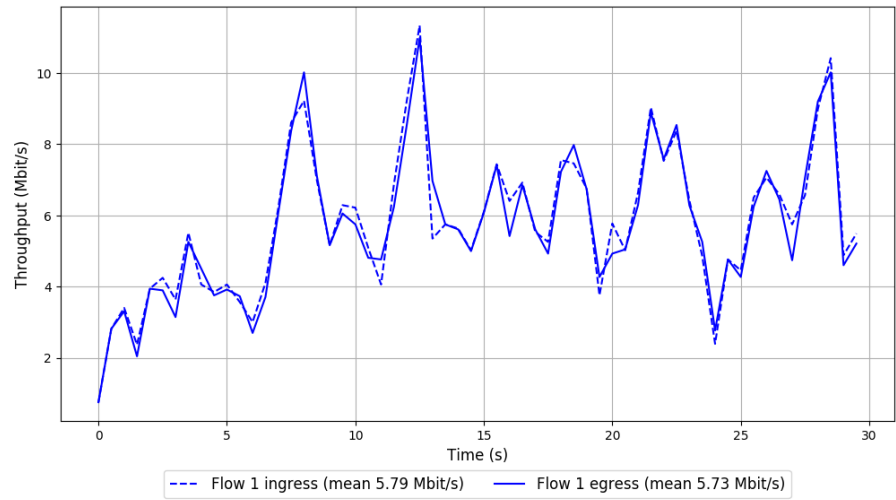


Run 8: Statistics of LEDBAT

Start at: 2018-04-03 07:48:49
End at: 2018-04-03 07:49:19
Local clock offset: -0.29 ms
Remote clock offset: -4.302 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.73 Mbit/s
95th percentile per-packet one-way delay: 46.100 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 5.73 Mbit/s
95th percentile per-packet one-way delay: 46.100 ms
Loss rate: 1.30%

Run 8: Report of LEDBAT — Data Link

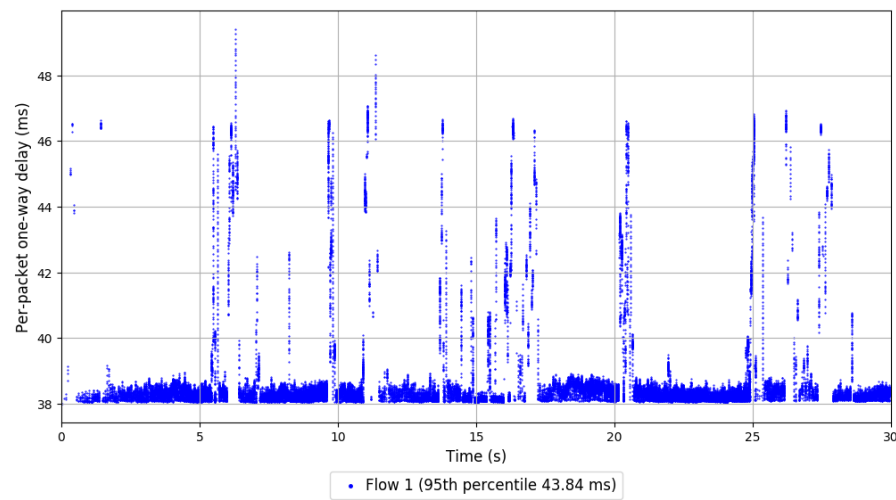
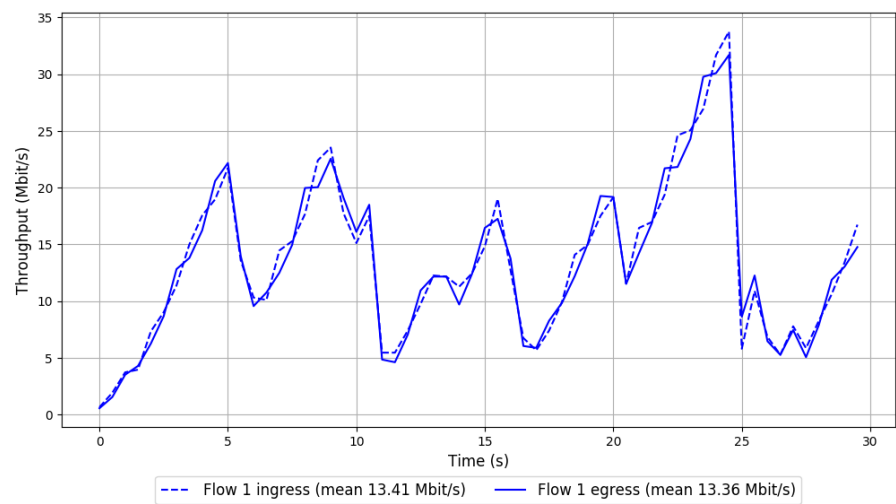


Run 9: Statistics of LEDBAT

Start at: 2018-04-03 08:16:37
End at: 2018-04-03 08:17:07
Local clock offset: -0.269 ms
Remote clock offset: -3.488 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 43.837 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 43.837 ms
Loss rate: 0.60%

Run 9: Report of LEDBAT — Data Link

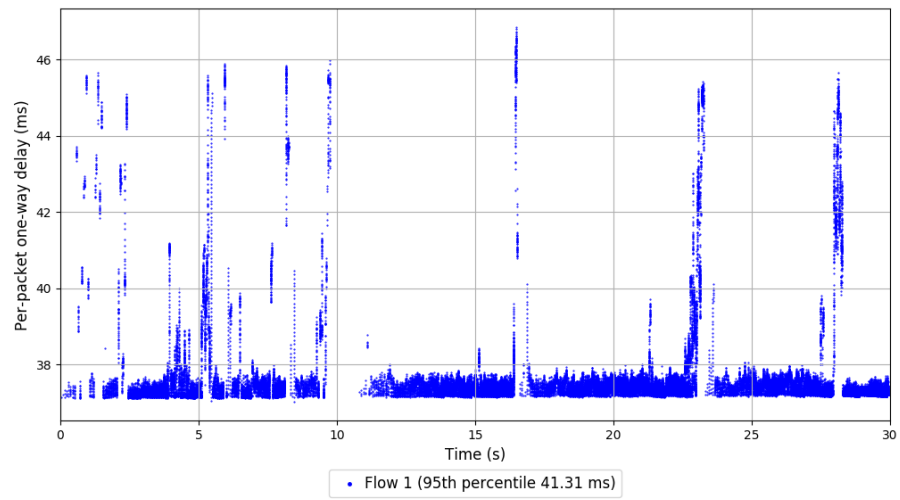
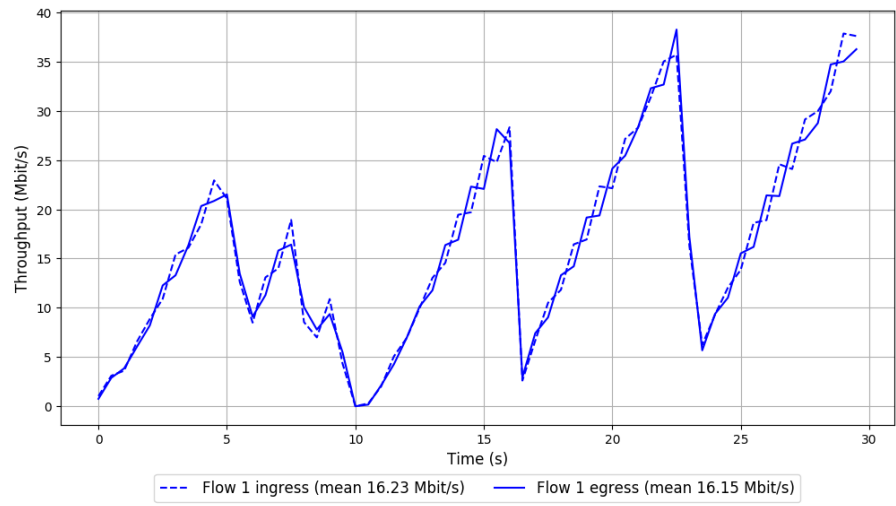


Run 10: Statistics of LEDBAT

Start at: 2018-04-03 08:41:26
End at: 2018-04-03 08:41:56
Local clock offset: -0.569 ms
Remote clock offset: -2.549 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 41.314 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 41.314 ms
Loss rate: 0.74%

Run 10: Report of LEDBAT — Data Link

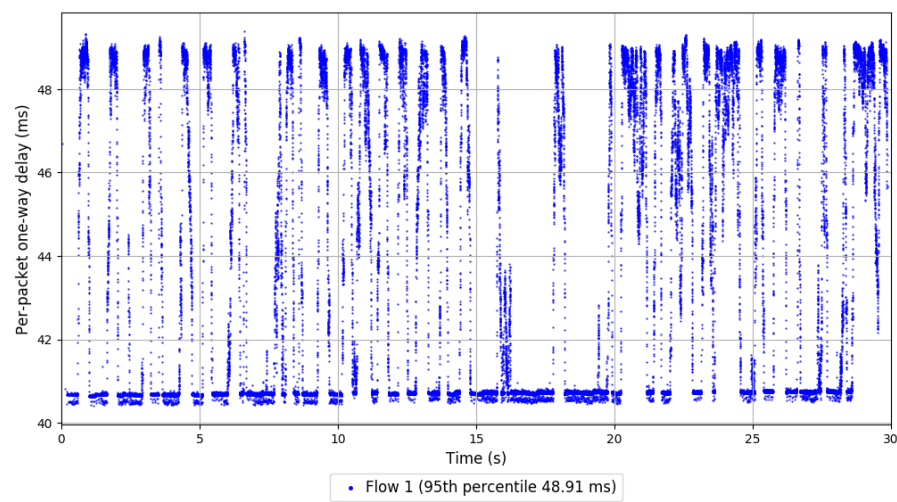
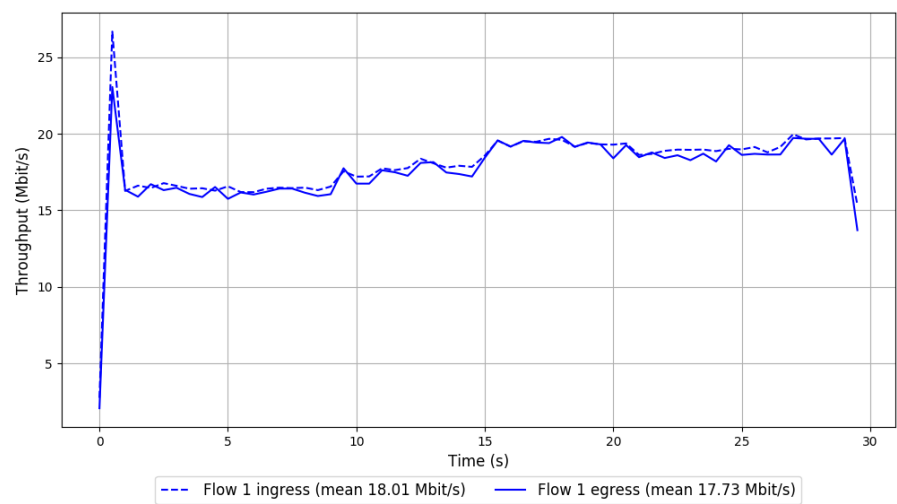


```
Run 1: Statistics of PCC

Start at: 2018-04-03 04:49:01
End at: 2018-04-03 04:49:31
Local clock offset: 0.352 ms
Remote clock offset: -5.0 ms

# Below is generated by plot.py at 2018-04-03 13:12:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.73 Mbit/s
95th percentile per-packet one-way delay: 48.910 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 17.73 Mbit/s
95th percentile per-packet one-way delay: 48.910 ms
Loss rate: 1.82%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-04-03 05:16:44

End at: 2018-04-03 05:17:14

Local clock offset: 0.223 ms

Remote clock offset: -1.15 ms

Below is generated by plot.py at 2018-04-03 13:12:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.09 Mbit/s

95th percentile per-packet one-way delay: 44.908 ms

Loss rate: 0.95%

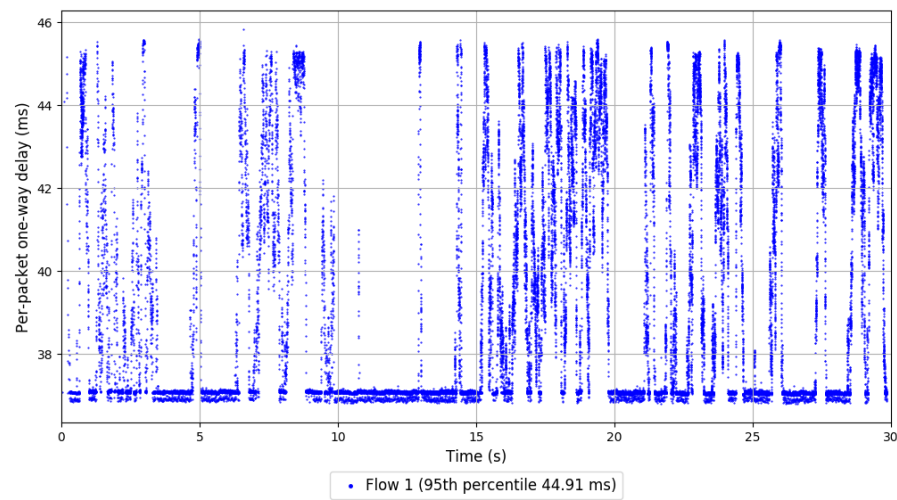
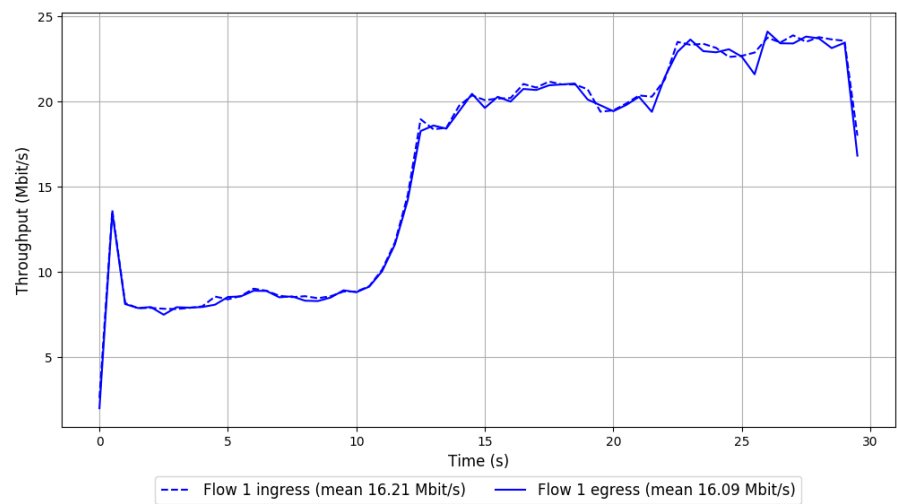
-- Flow 1:

Average throughput: 16.09 Mbit/s

95th percentile per-packet one-way delay: 44.908 ms

Loss rate: 0.95%

Run 2: Report of PCC — Data Link

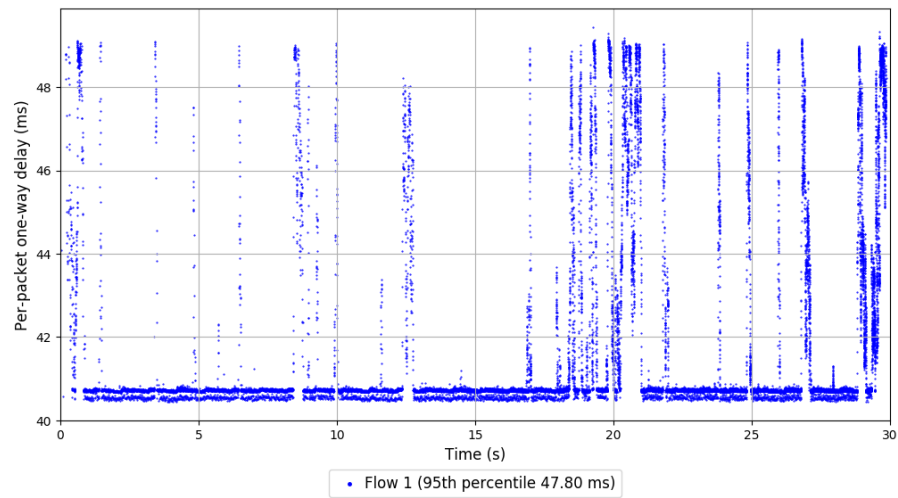
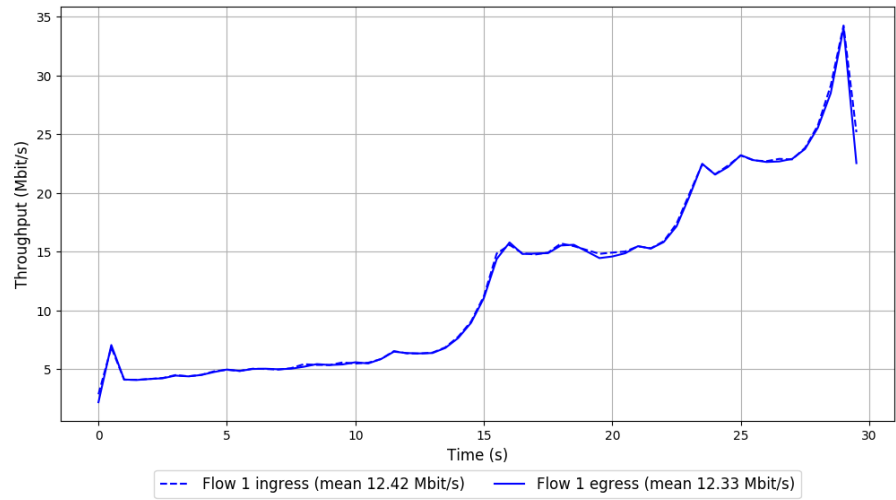


Run 3: Statistics of PCC

Start at: 2018-04-03 05:42:49
End at: 2018-04-03 05:43:19
Local clock offset: 0.133 ms
Remote clock offset: -3.403 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 47.799 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 47.799 ms
Loss rate: 0.98%

Run 3: Report of PCC — Data Link

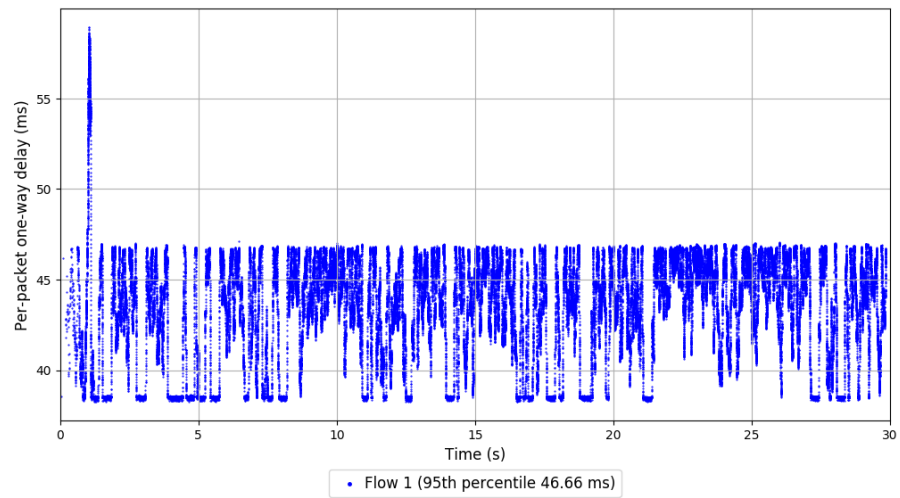
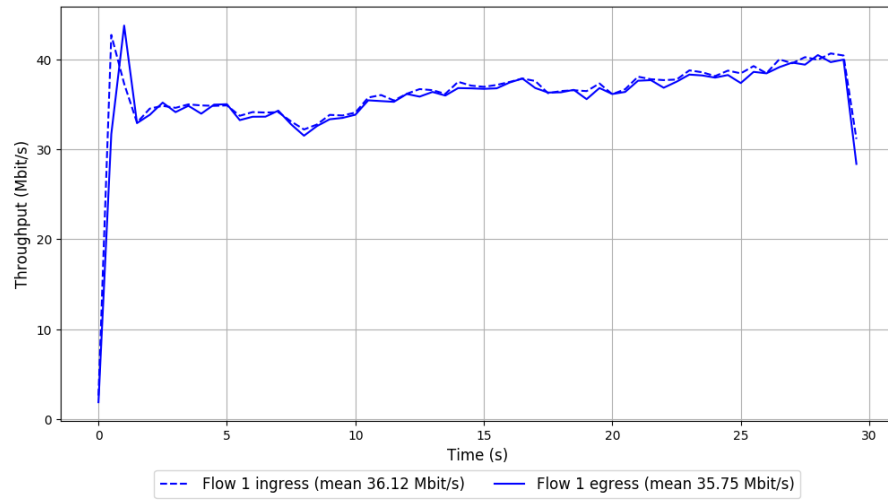


Run 4: Statistics of PCC

Start at: 2018-04-03 06:08:42
End at: 2018-04-03 06:09:12
Local clock offset: 0.107 ms
Remote clock offset: -1.953 ms

Below is generated by plot.py at 2018-04-03 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.75 Mbit/s
95th percentile per-packet one-way delay: 46.663 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 35.75 Mbit/s
95th percentile per-packet one-way delay: 46.663 ms
Loss rate: 1.26%

Run 4: Report of PCC — Data Link

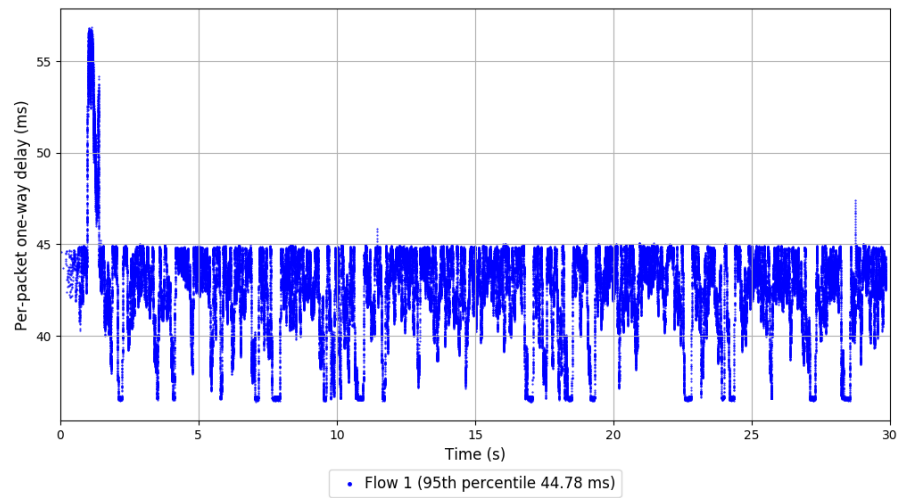
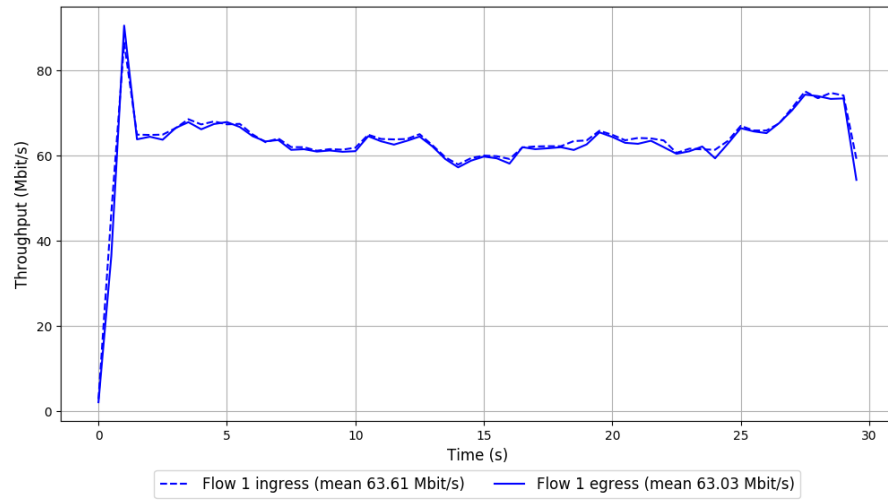


Run 5: Statistics of PCC

Start at: 2018-04-03 06:37:14
End at: 2018-04-03 06:37:44
Local clock offset: 0.028 ms
Remote clock offset: -0.787 ms

Below is generated by plot.py at 2018-04-03 13:12:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 44.777 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 44.777 ms
Loss rate: 1.15%

Run 5: Report of PCC — Data Link

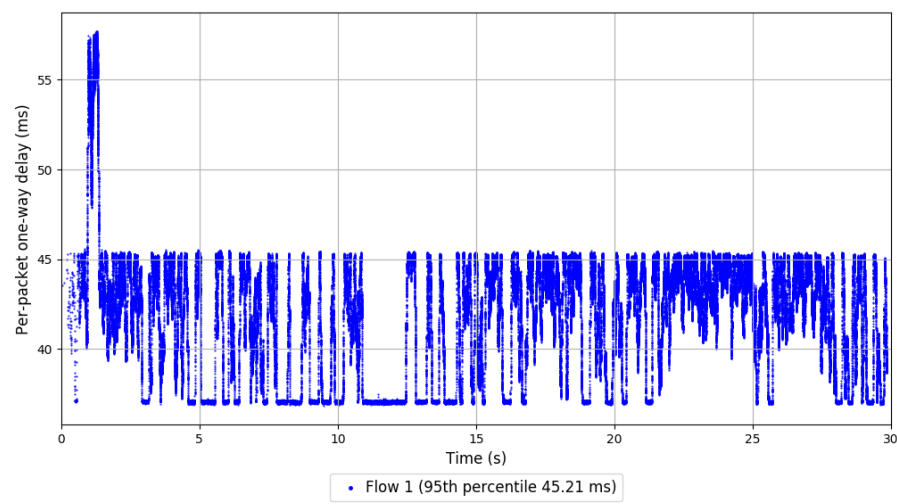
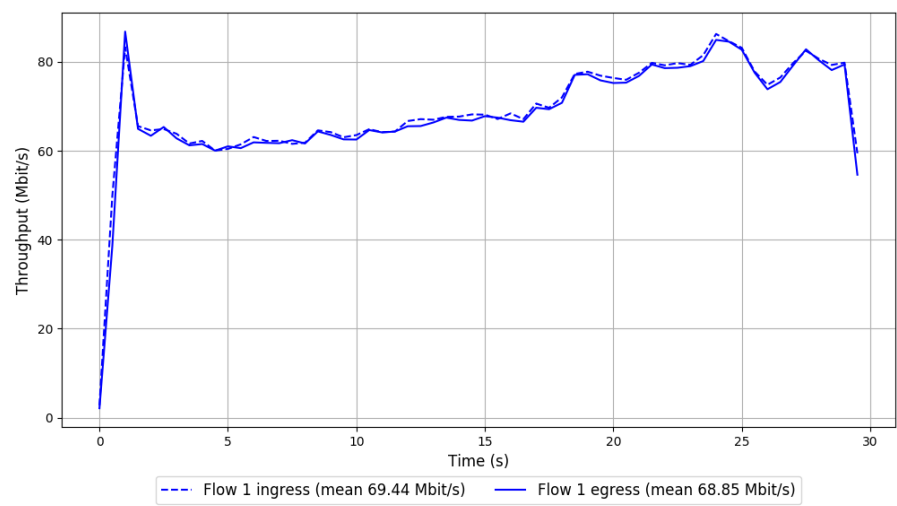


Run 6: Statistics of PCC

Start at: 2018-04-03 07:06:06
End at: 2018-04-03 07:06:36
Local clock offset: 0.161 ms
Remote clock offset: -2.167 ms

Below is generated by plot.py at 2018-04-03 13:13:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.85 Mbit/s
95th percentile per-packet one-way delay: 45.213 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 68.85 Mbit/s
95th percentile per-packet one-way delay: 45.213 ms
Loss rate: 1.10%

Run 6: Report of PCC — Data Link

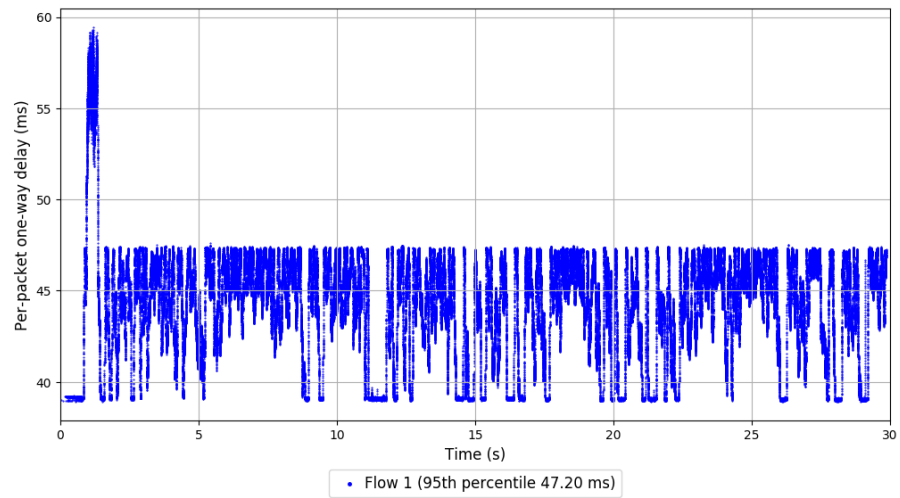
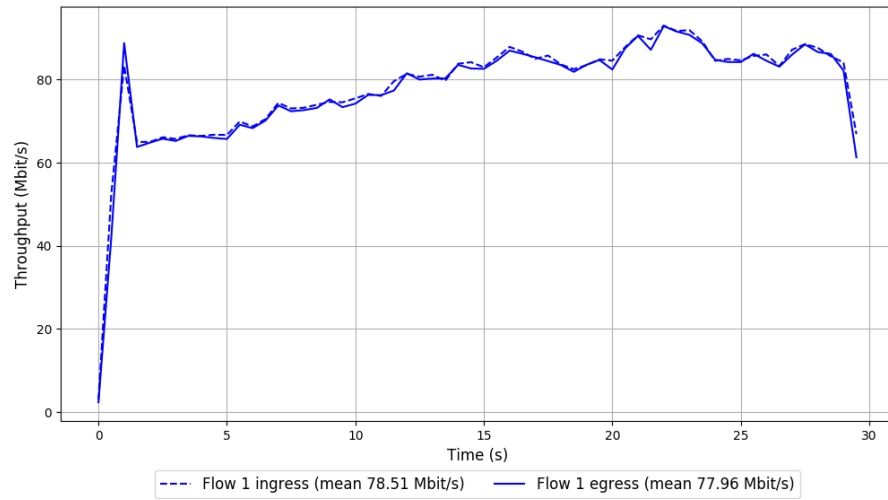


Run 7: Statistics of PCC

Start at: 2018-04-03 07:34:01
End at: 2018-04-03 07:34:31
Local clock offset: 0.228 ms
Remote clock offset: -5.307 ms

Below is generated by plot.py at 2018-04-03 13:13:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.96 Mbit/s
95th percentile per-packet one-way delay: 47.204 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 77.96 Mbit/s
95th percentile per-packet one-way delay: 47.204 ms
Loss rate: 0.93%

Run 7: Report of PCC — Data Link

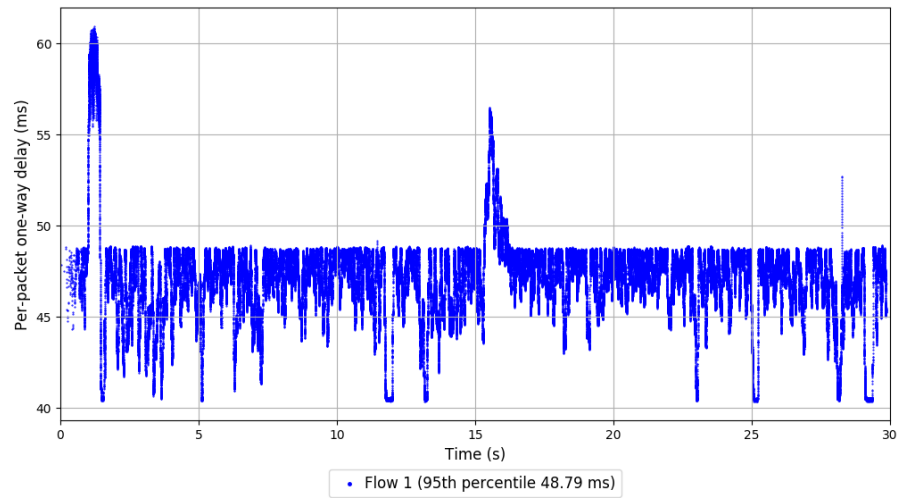
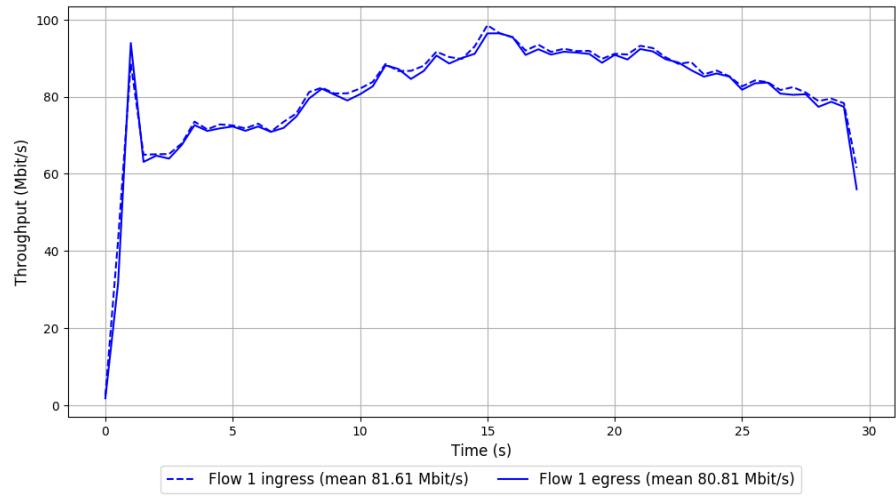


Run 8: Statistics of PCC

Start at: 2018-04-03 08:02:33
End at: 2018-04-03 08:03:03
Local clock offset: -0.361 ms
Remote clock offset: -7.203 ms

Below is generated by plot.py at 2018-04-03 13:13:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 48.789 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 48.789 ms
Loss rate: 1.23%

Run 8: Report of PCC — Data Link

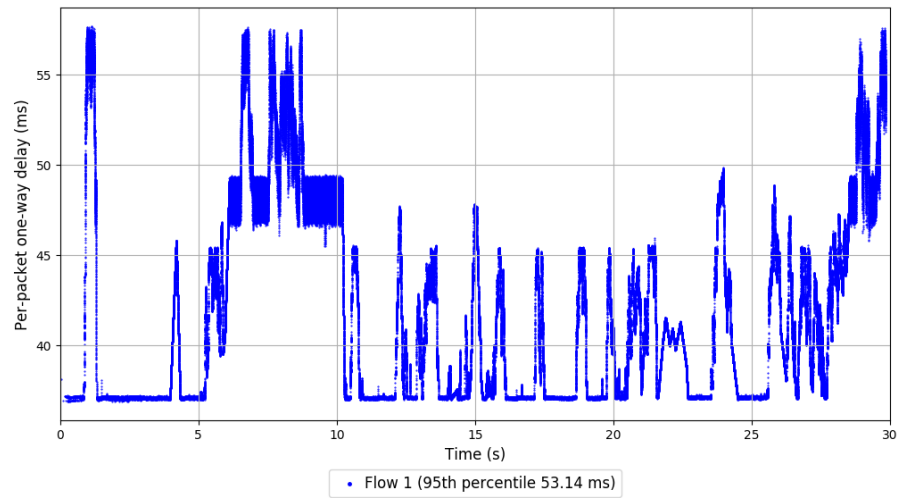
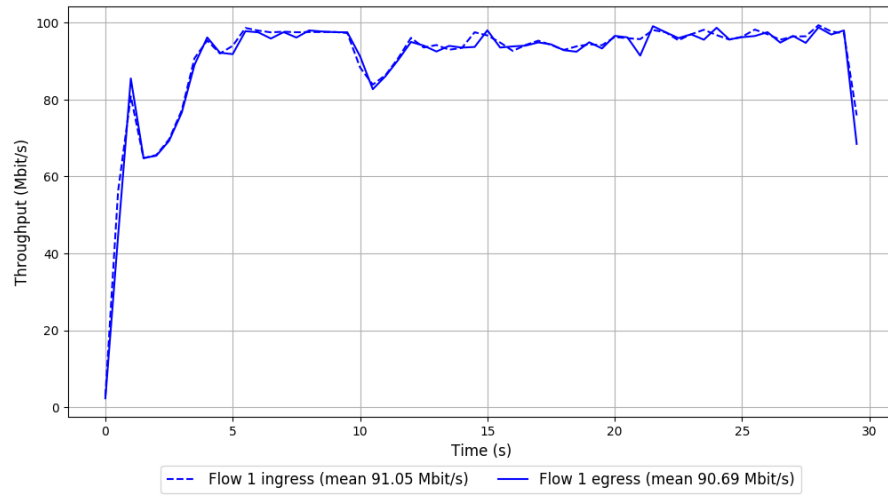


Run 9: Statistics of PCC

Start at: 2018-04-03 08:27:32
End at: 2018-04-03 08:28:02
Local clock offset: -0.38 ms
Remote clock offset: -3.563 ms

Below is generated by plot.py at 2018-04-03 13:13:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 53.141 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 53.141 ms
Loss rate: 0.64%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-04-03 08:52:06

End at: 2018-04-03 08:52:36

Local clock offset: -0.267 ms

Remote clock offset: -3.39 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.46 Mbit/s

95th percentile per-packet one-way delay: 50.868 ms

Loss rate: 0.41%

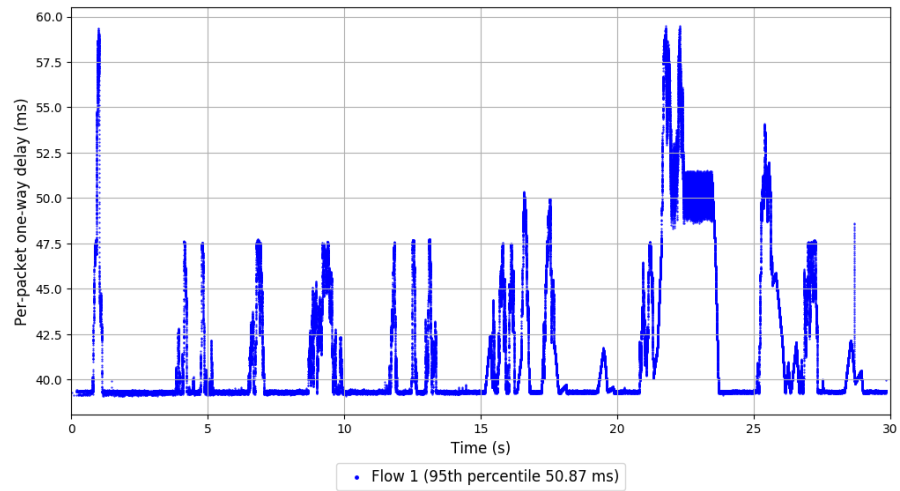
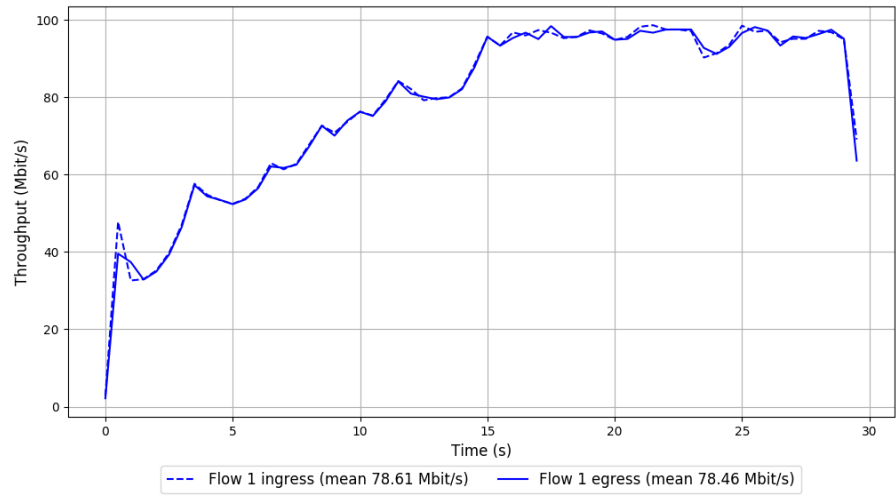
-- Flow 1:

Average throughput: 78.46 Mbit/s

95th percentile per-packet one-way delay: 50.868 ms

Loss rate: 0.41%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-04-03 04:44:00

End at: 2018-04-03 04:44:30

Local clock offset: 0.321 ms

Remote clock offset: -3.643 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.52 Mbit/s

95th percentile per-packet one-way delay: 51.172 ms

Loss rate: 3.20%

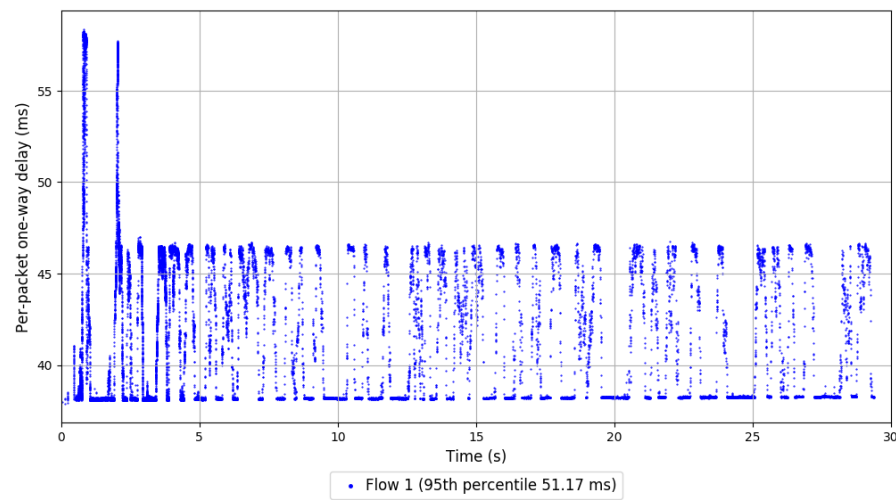
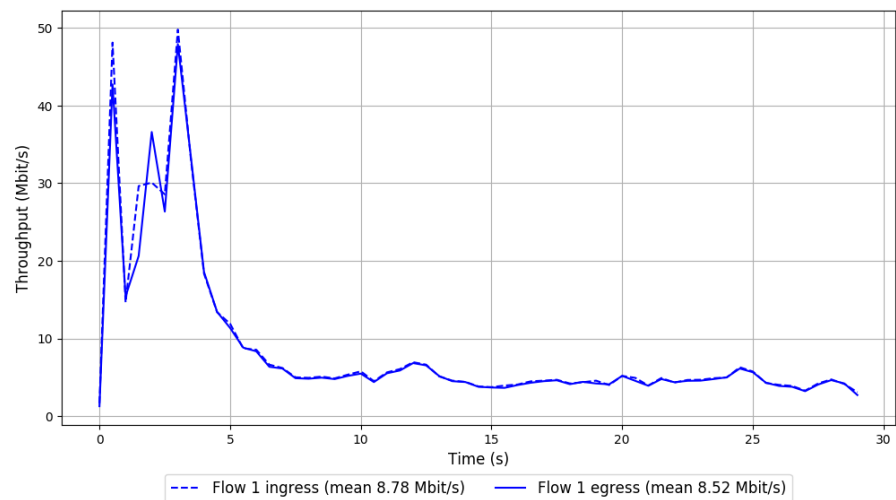
-- Flow 1:

Average throughput: 8.52 Mbit/s

95th percentile per-packet one-way delay: 51.172 ms

Loss rate: 3.20%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-04-03 05:12:16

End at: 2018-04-03 05:12:46

Local clock offset: 0.226 ms

Remote clock offset: -0.835 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.28 Mbit/s

95th percentile per-packet one-way delay: 44.822 ms

Loss rate: 0.73%

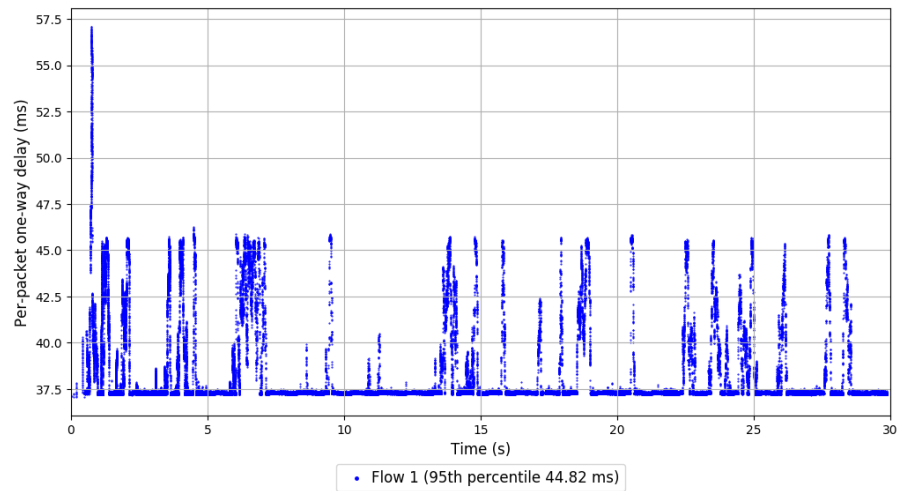
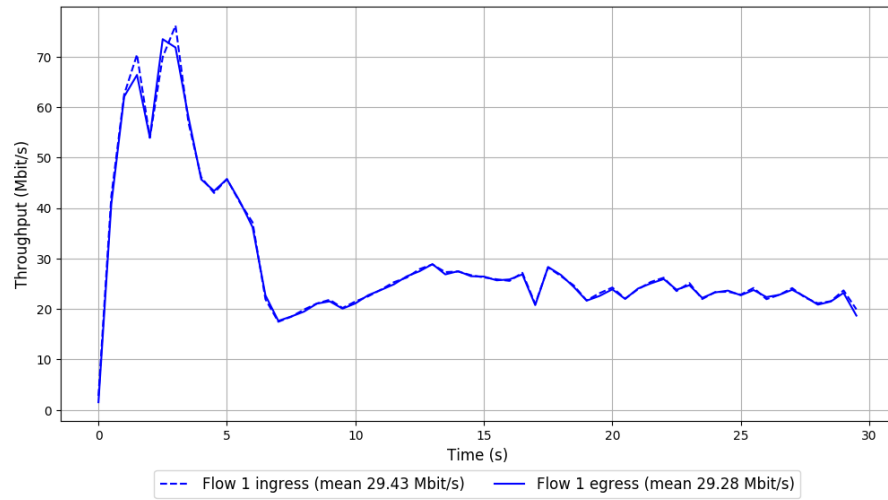
-- Flow 1:

Average throughput: 29.28 Mbit/s

95th percentile per-packet one-way delay: 44.822 ms

Loss rate: 0.73%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-04-03 05:38:40

End at: 2018-04-03 05:39:10

Local clock offset: 0.06 ms

Remote clock offset: -1.352 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.48 Mbit/s

95th percentile per-packet one-way delay: 50.531 ms

Loss rate: 0.73%

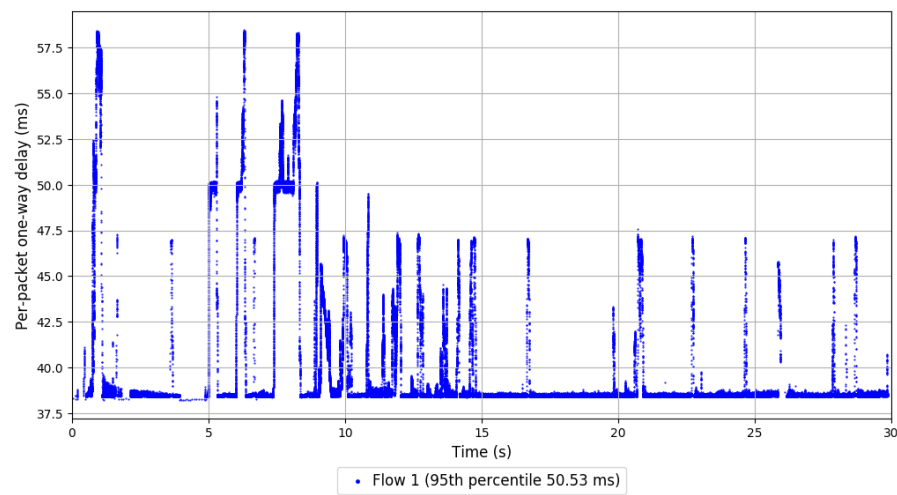
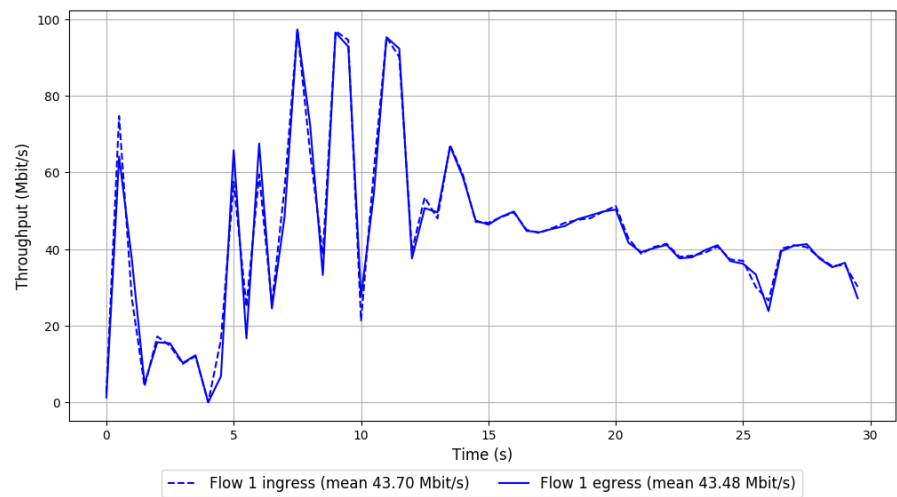
-- Flow 1:

Average throughput: 43.48 Mbit/s

95th percentile per-packet one-way delay: 50.531 ms

Loss rate: 0.73%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

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

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

Local clock offset: 0.095 ms

Remote clock offset: -4.015 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.82 Mbit/s

95th percentile per-packet one-way delay: 47.348 ms

Loss rate: 0.92%

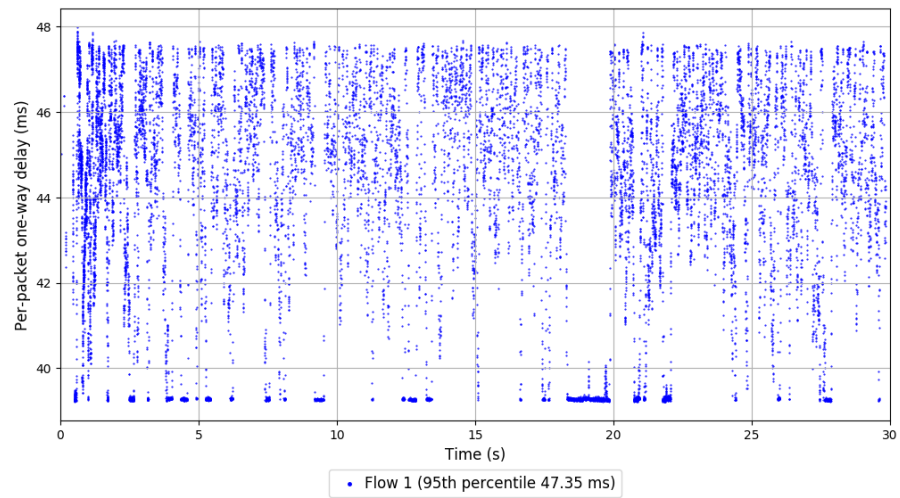
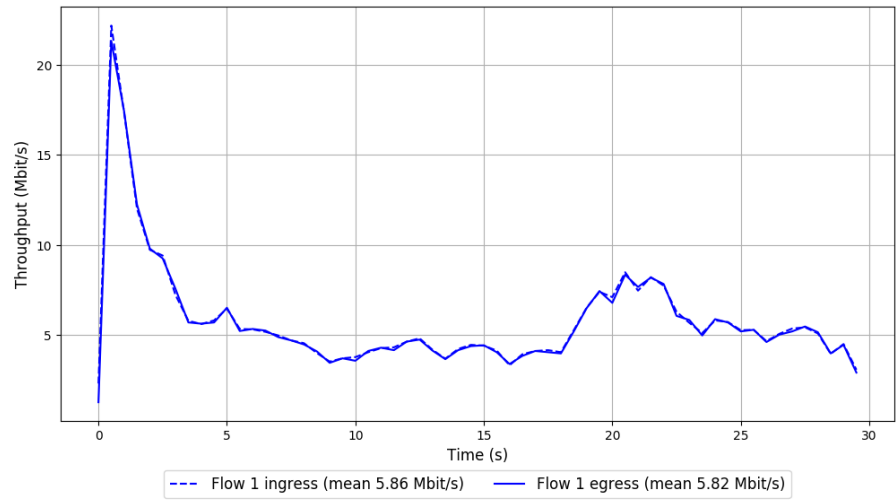
-- Flow 1:

Average throughput: 5.82 Mbit/s

95th percentile per-packet one-way delay: 47.348 ms

Loss rate: 0.92%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-04-03 06:32:07

End at: 2018-04-03 06:32:37

Local clock offset: 0.041 ms

Remote clock offset: -0.917 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.46 Mbit/s

95th percentile per-packet one-way delay: 48.107 ms

Loss rate: 0.91%

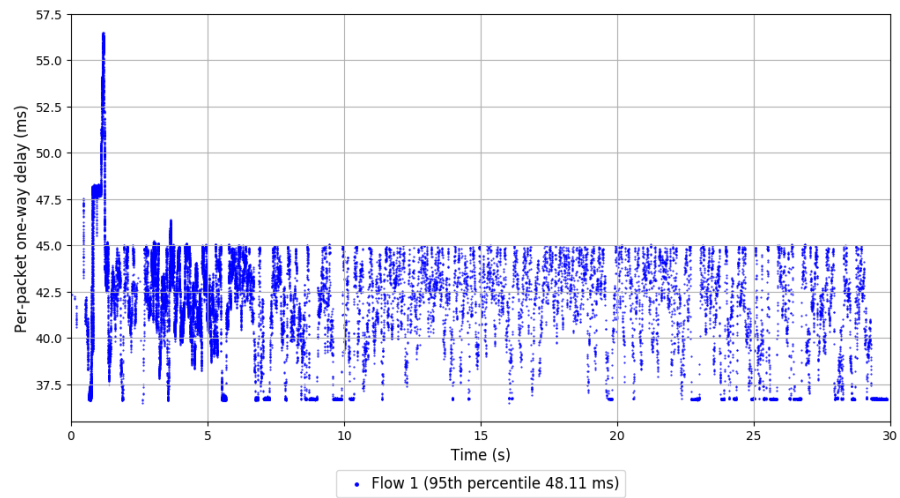
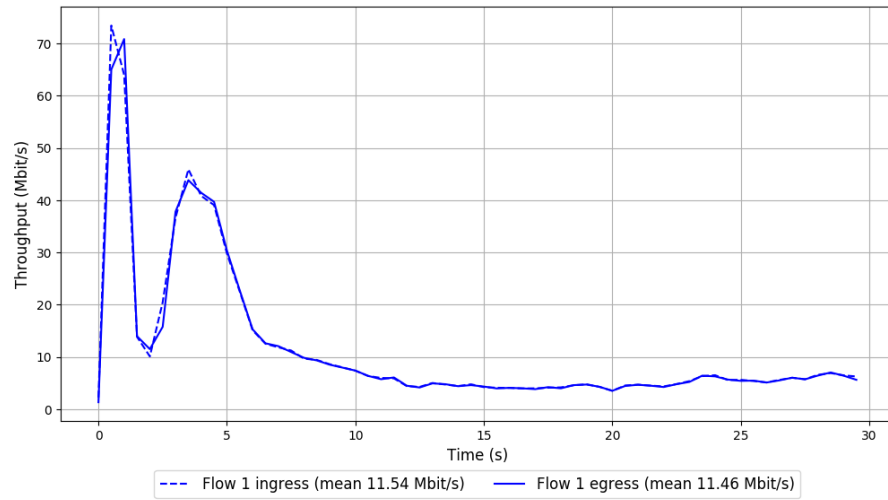
-- Flow 1:

Average throughput: 11.46 Mbit/s

95th percentile per-packet one-way delay: 48.107 ms

Loss rate: 0.91%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-04-03 07:01:09

End at: 2018-04-03 07:01:39

Local clock offset: 0.111 ms

Remote clock offset: -1.227 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.64 Mbit/s

95th percentile per-packet one-way delay: 44.565 ms

Loss rate: 1.19%

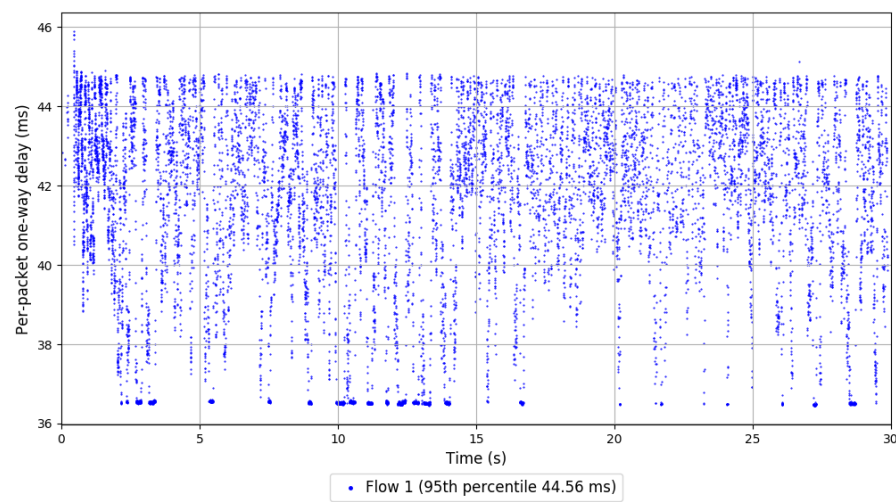
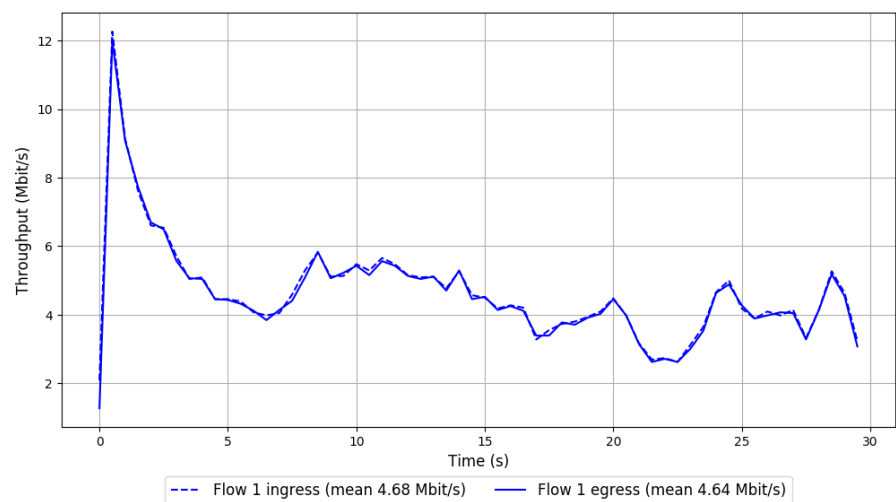
-- Flow 1:

Average throughput: 4.64 Mbit/s

95th percentile per-packet one-way delay: 44.565 ms

Loss rate: 1.19%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

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

End at: 2018-04-03 07:29:33

Local clock offset: 0.354 ms

Remote clock offset: -4.229 ms

Below is generated by plot.py at 2018-04-03 13:14:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.16 Mbit/s

95th percentile per-packet one-way delay: 47.281 ms

Loss rate: 0.99%

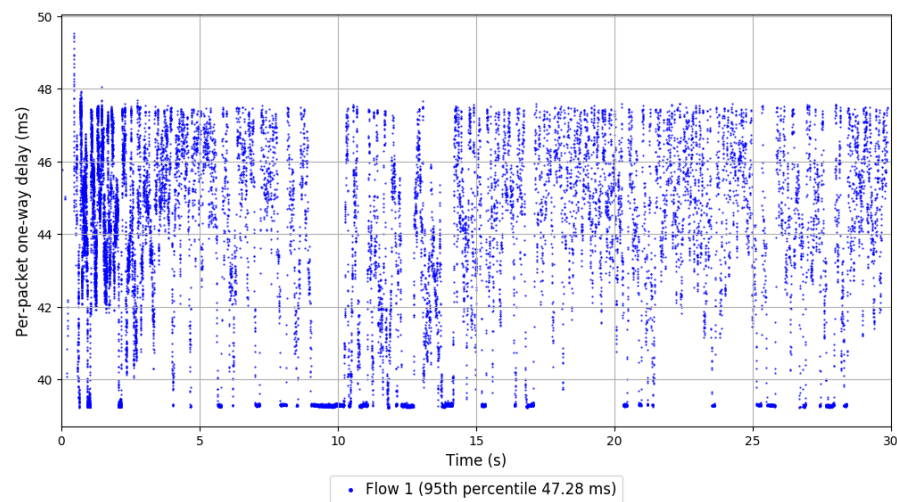
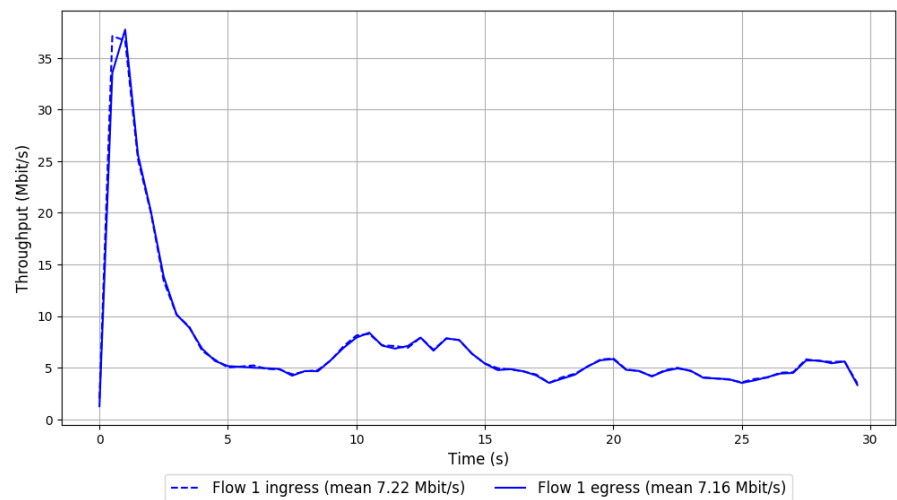
-- Flow 1:

Average throughput: 7.16 Mbit/s

95th percentile per-packet one-way delay: 47.281 ms

Loss rate: 0.99%

Run 7: Report of QUIC Cubic — Data Link

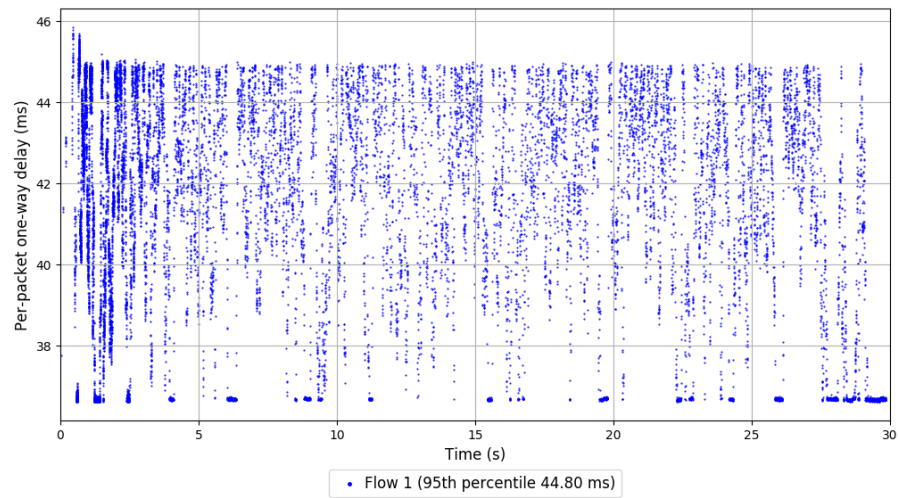
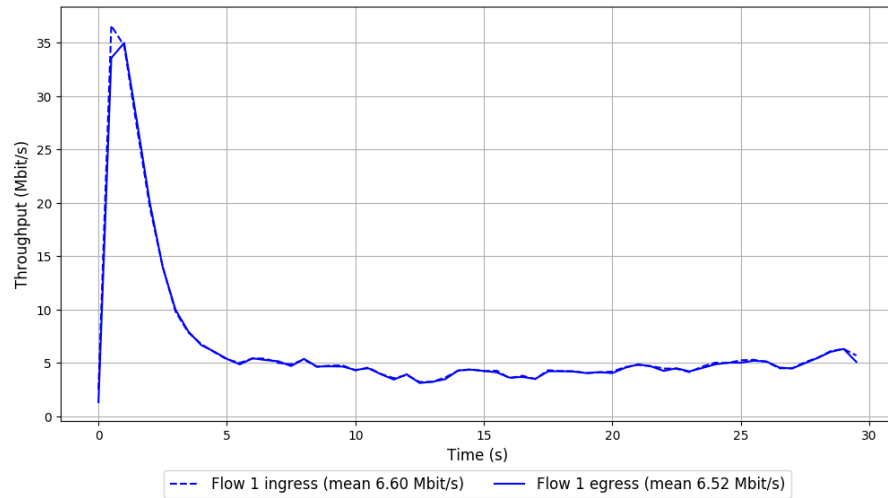


Run 8: Statistics of QUIC Cubic

Start at: 2018-04-03 07:57:30
End at: 2018-04-03 07:58:00
Local clock offset: -0.317 ms
Remote clock offset: -4.575 ms

Below is generated by plot.py at 2018-04-03 13:14:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 44.796 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 44.796 ms
Loss rate: 1.38%

Run 8: Report of QUIC Cubic — Data Link

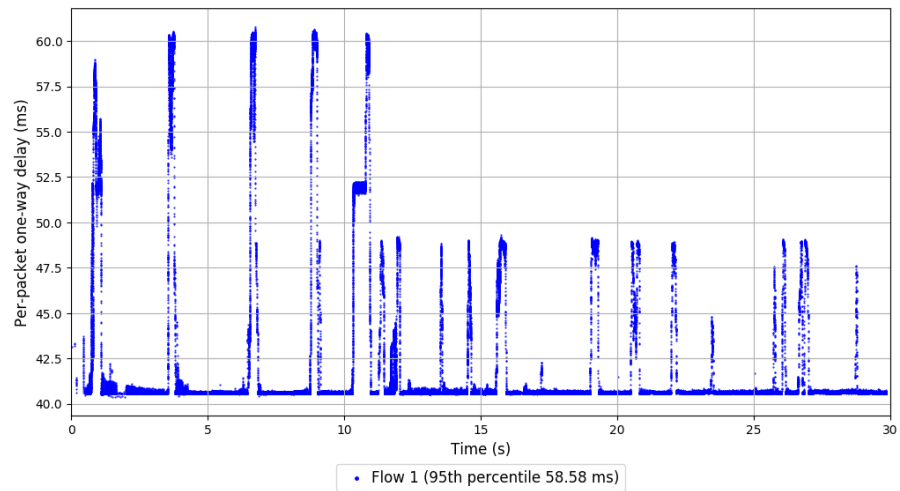
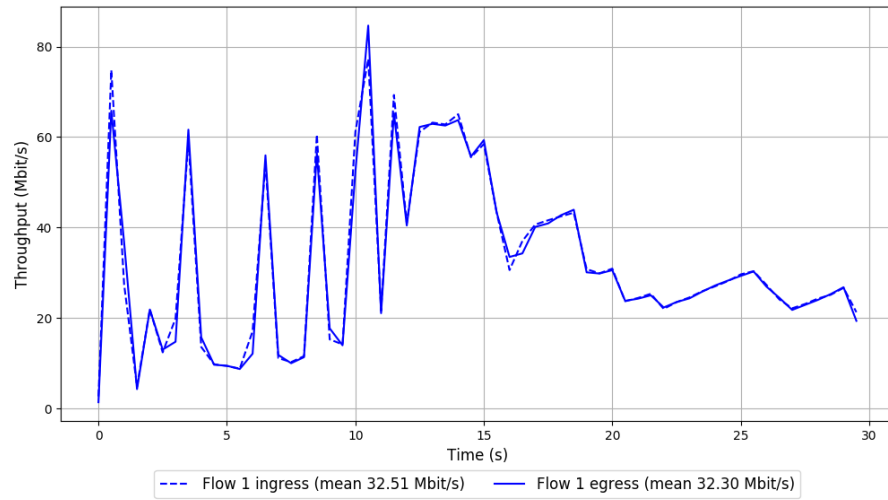


Run 9: Statistics of QUIC Cubic

Start at: 2018-04-03 08:23:21
End at: 2018-04-03 08:23:51
Local clock offset: -0.382 ms
Remote clock offset: -5.821 ms

Below is generated by plot.py at 2018-04-03 13:14:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 58.579 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 58.579 ms
Loss rate: 0.88%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-04-03 08:48:04

End at: 2018-04-03 08:48:34

Local clock offset: -0.325 ms

Remote clock offset: -1.163 ms

Below is generated by plot.py at 2018-04-03 13:14:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.27 Mbit/s

95th percentile per-packet one-way delay: 46.038 ms

Loss rate: 0.39%

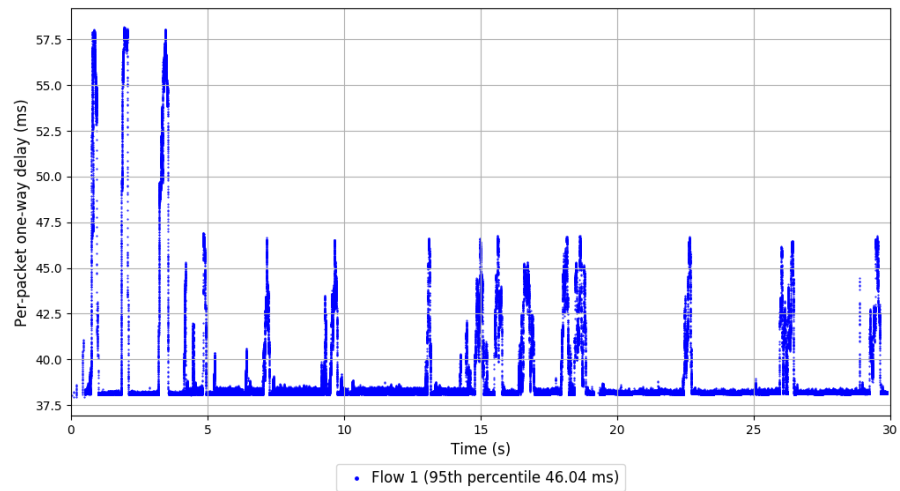
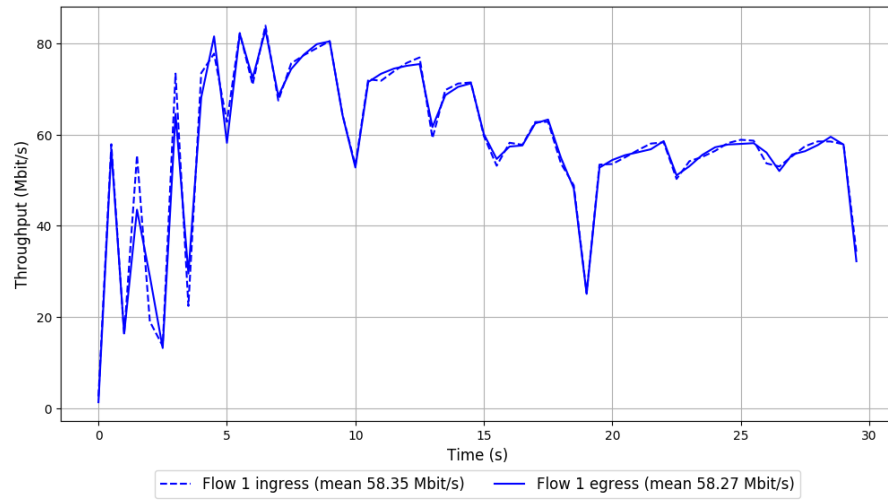
-- Flow 1:

Average throughput: 58.27 Mbit/s

95th percentile per-packet one-way delay: 46.038 ms

Loss rate: 0.39%

Run 10: Report of QUIC Cubic — Data Link

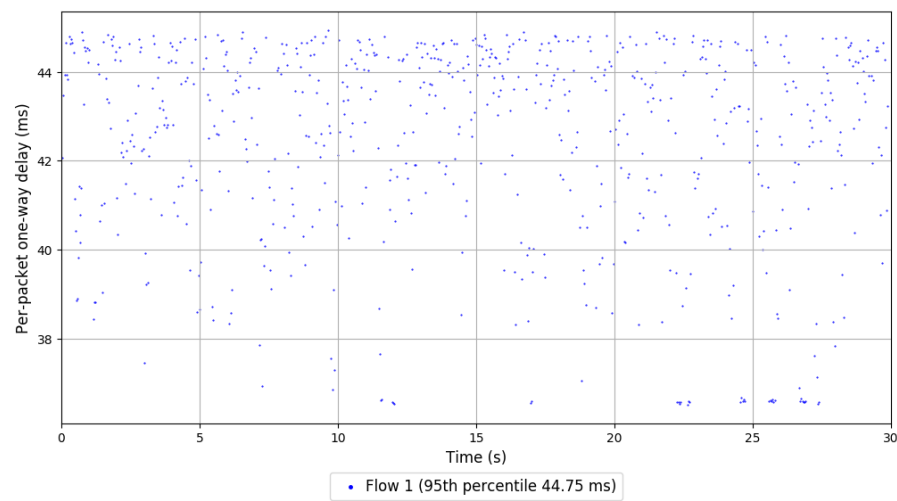
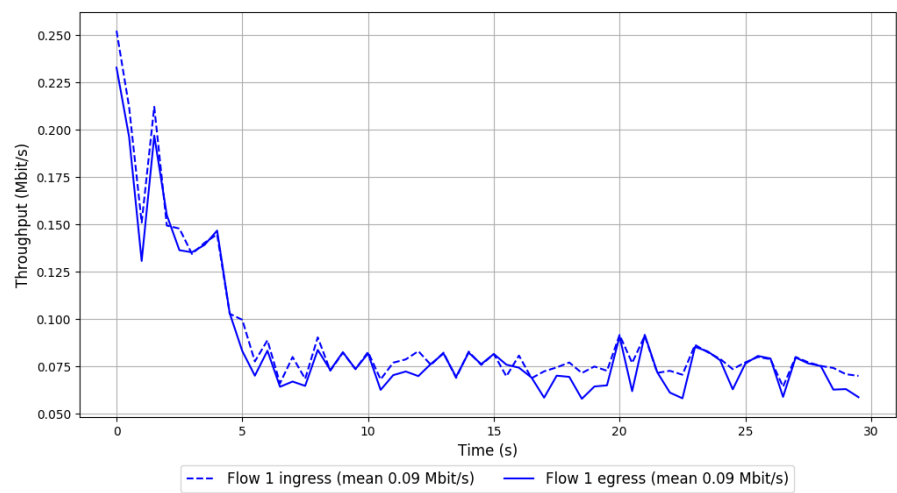


```
Run 1: Statistics of SCReAM

Start at: 2018-04-03 04:36:08
End at: 2018-04-03 04:36:38
Local clock offset: 0.439 ms
Remote clock offset: -5.733 ms

# Below is generated by plot.py at 2018-04-03 13:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 44.748 ms
Loss rate: 5.54%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 44.748 ms
Loss rate: 5.54%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

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

End at: 2018-04-03 05:06:22

Local clock offset: 0.185 ms

Remote clock offset: -3.18 ms

Below is generated by plot.py at 2018-04-03 13:14:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 45.568 ms

Loss rate: 0.71%

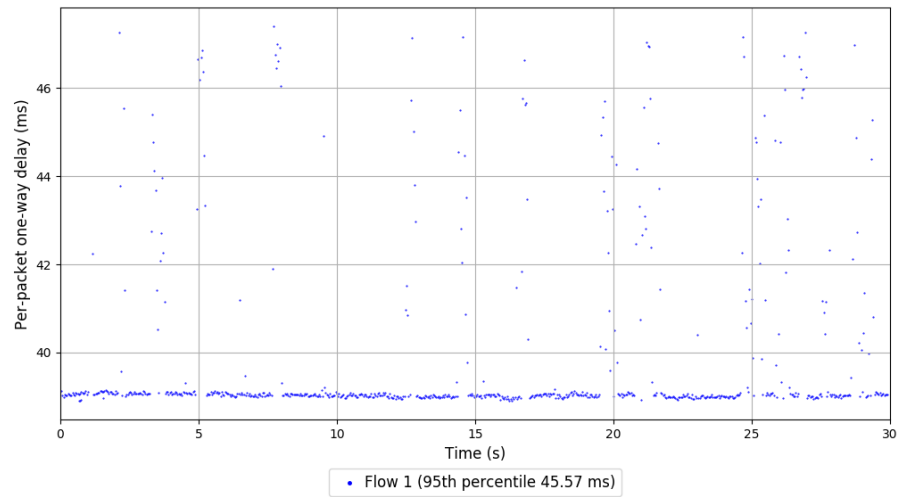
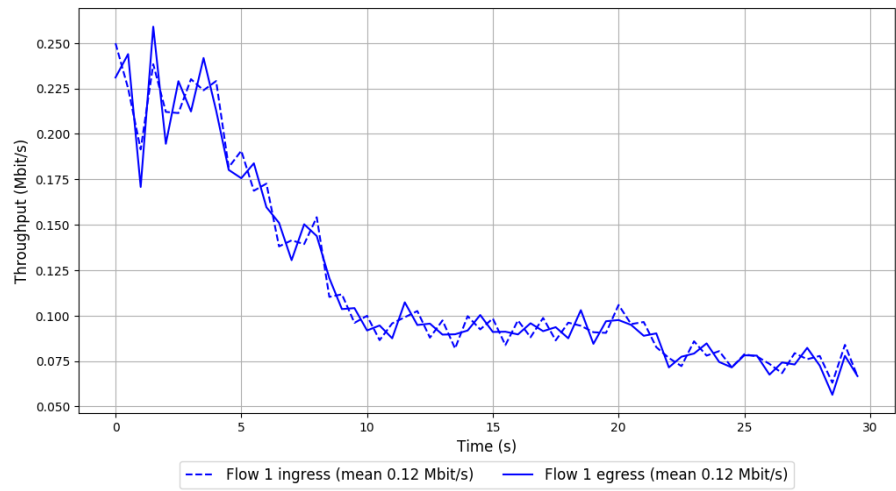
-- Flow 1:

Average throughput: 0.12 Mbit/s

95th percentile per-packet one-way delay: 45.568 ms

Loss rate: 0.71%

Run 2: Report of SReAM — Data Link

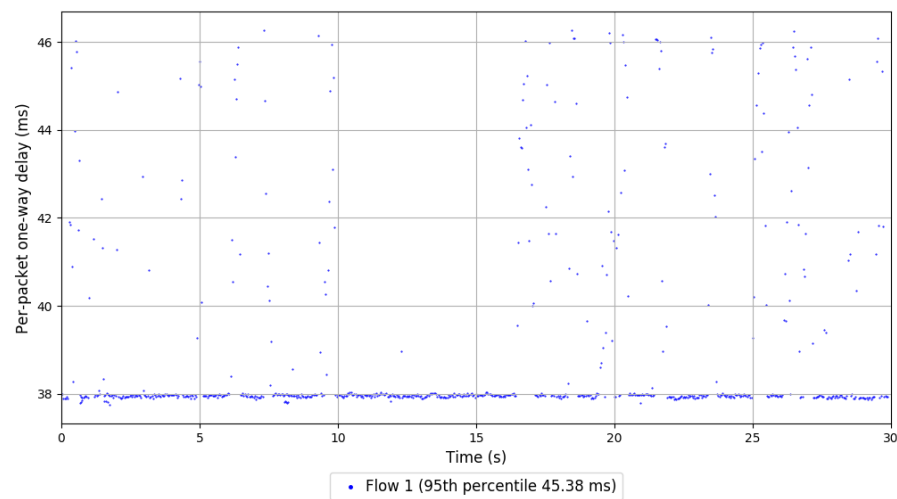
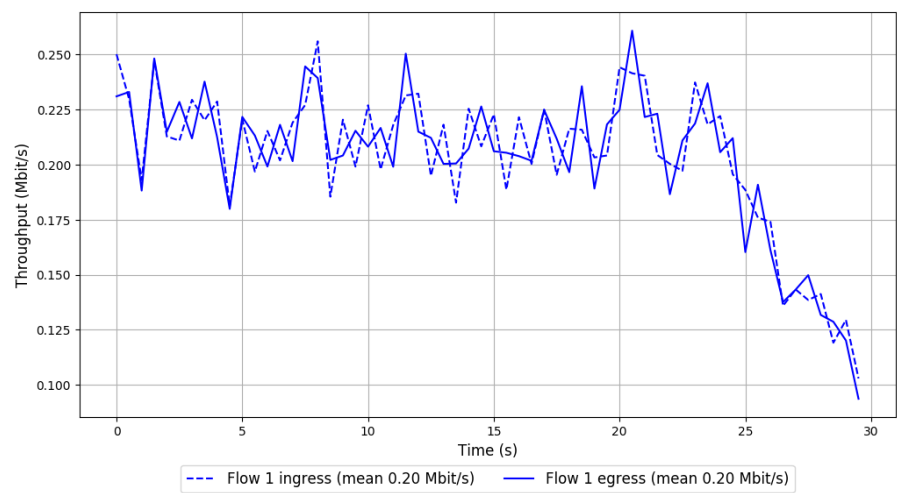


Run 3: Statistics of SCReAM

Start at: 2018-04-03 05:32:49
End at: 2018-04-03 05:33:19
Local clock offset: 0.219 ms
Remote clock offset: -0.885 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 45.375 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 45.375 ms
Loss rate: 0.26%

Run 3: Report of SReAM — Data Link

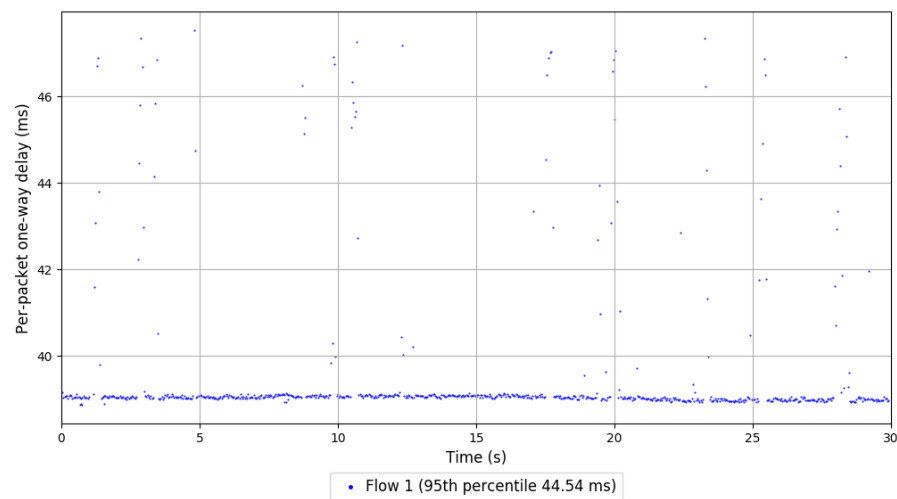
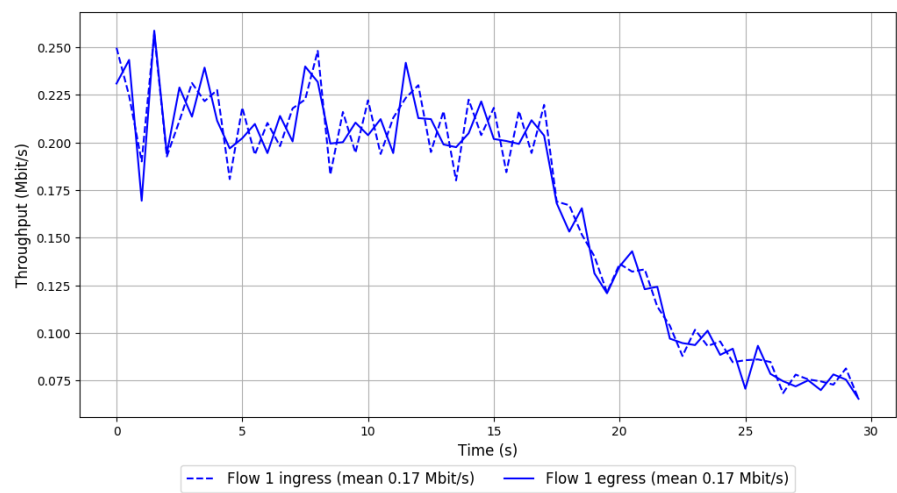


Run 4: Statistics of SCReAM

Start at: 2018-04-03 05:58:00
End at: 2018-04-03 05:58:30
Local clock offset: 0.005 ms
Remote clock offset: -3.888 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 44.543 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 44.543 ms
Loss rate: 0.36%

Run 4: Report of SReAM — Data Link

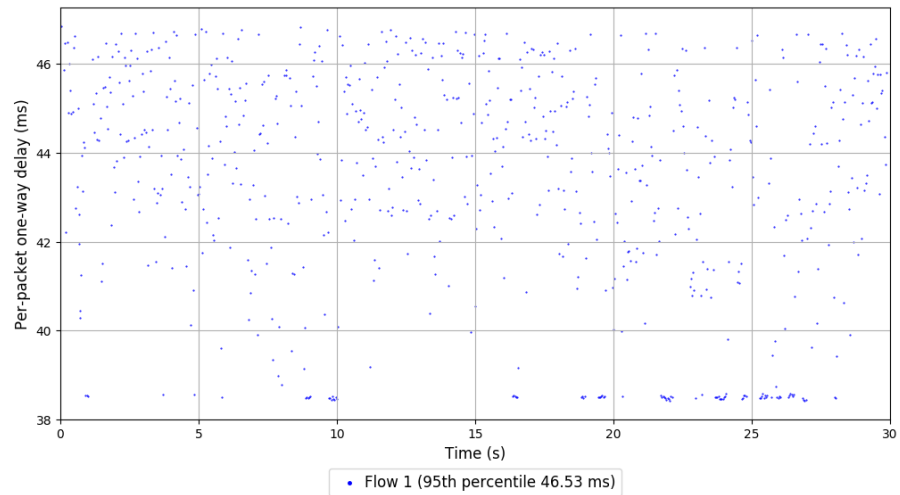
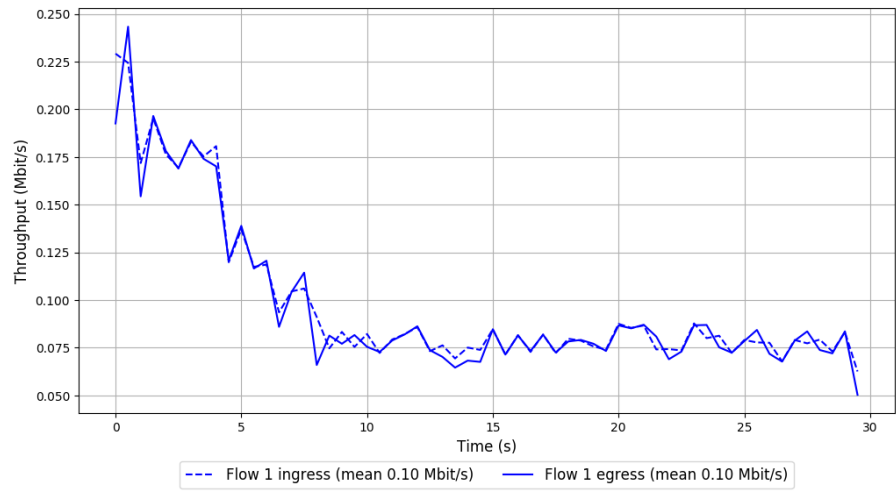


Run 5: Statistics of SCReAM

Start at: 2018-04-03 06:25:19
End at: 2018-04-03 06:25:49
Local clock offset: 0.01 ms
Remote clock offset: -1.672 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 46.527 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 46.527 ms
Loss rate: 1.68%

Run 5: Report of SCRaM — Data Link

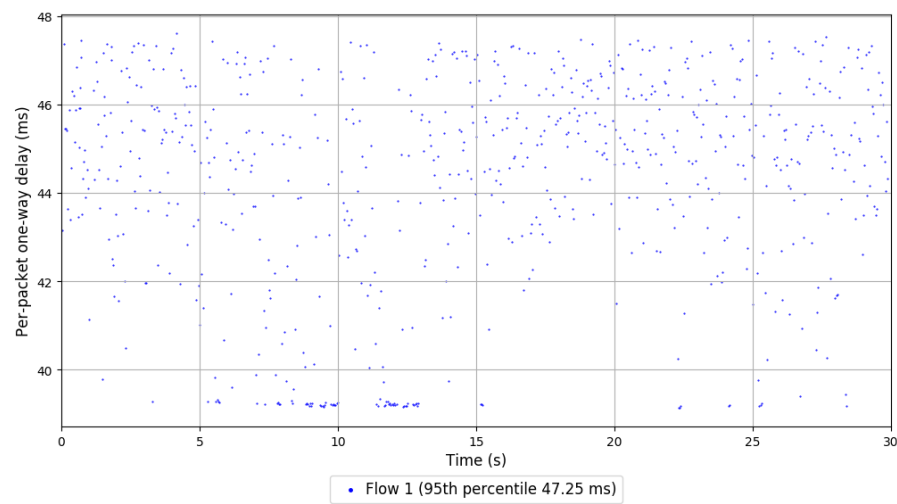
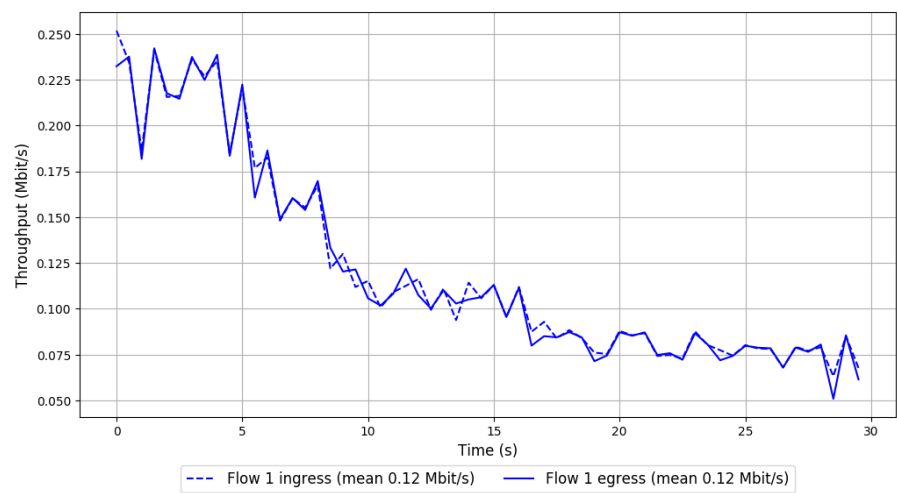


Run 6: Statistics of SCReAM

Start at: 2018-04-03 06:54:11
End at: 2018-04-03 06:54:41
Local clock offset: 0.08 ms
Remote clock offset: -2.965 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 47.249 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 47.249 ms
Loss rate: 0.93%

Run 6: Report of SReAM — Data Link

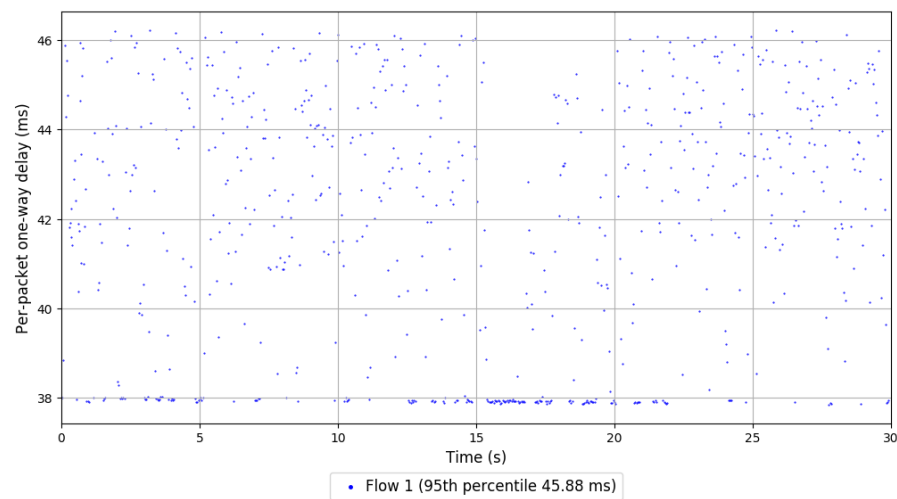
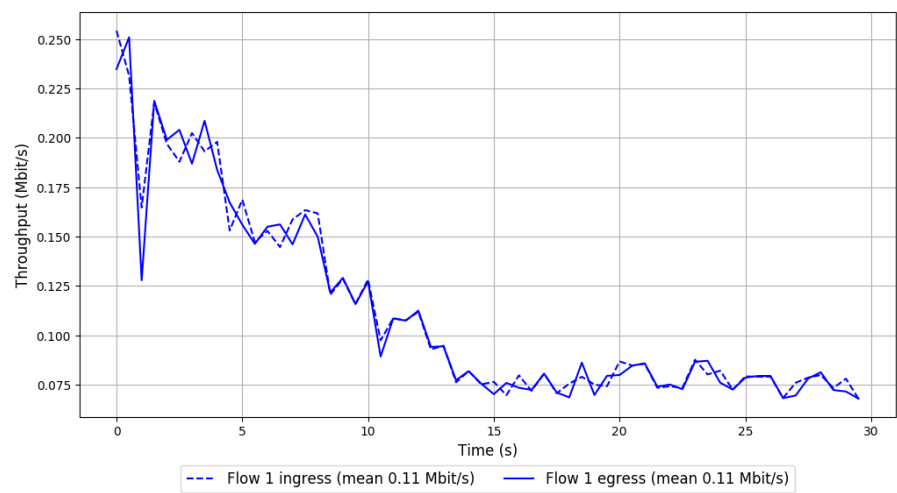


Run 7: Statistics of SCReAM

Start at: 2018-04-03 07:22:19
End at: 2018-04-03 07:22:49
Local clock offset: 0.282 ms
Remote clock offset: -1.825 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 45.875 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 45.875 ms
Loss rate: 1.09%

Run 7: Report of SReAM — Data Link

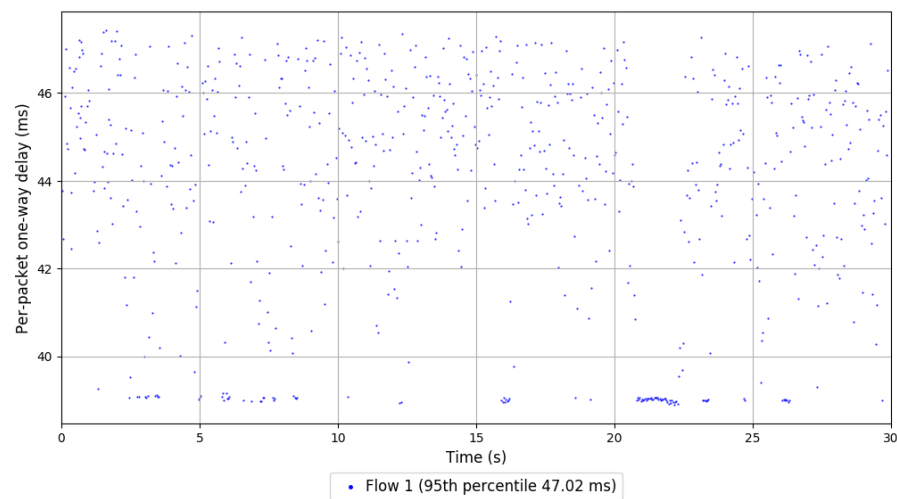
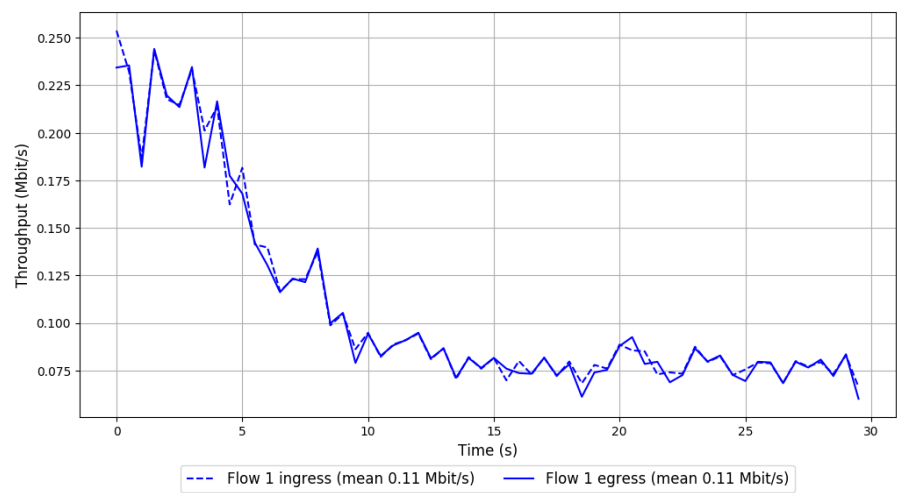


Run 8: Statistics of SCReAM

Start at: 2018-04-03 07:50:06
End at: 2018-04-03 07:50:36
Local clock offset: -0.417 ms
Remote clock offset: -6.883 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 47.017 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 47.017 ms
Loss rate: 1.06%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-04-03 08:17:54

End at: 2018-04-03 08:18:24

Local clock offset: -0.347 ms

Remote clock offset: -6.0 ms

Below is generated by plot.py at 2018-04-03 13:14:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 43.271 ms

Loss rate: 0.35%

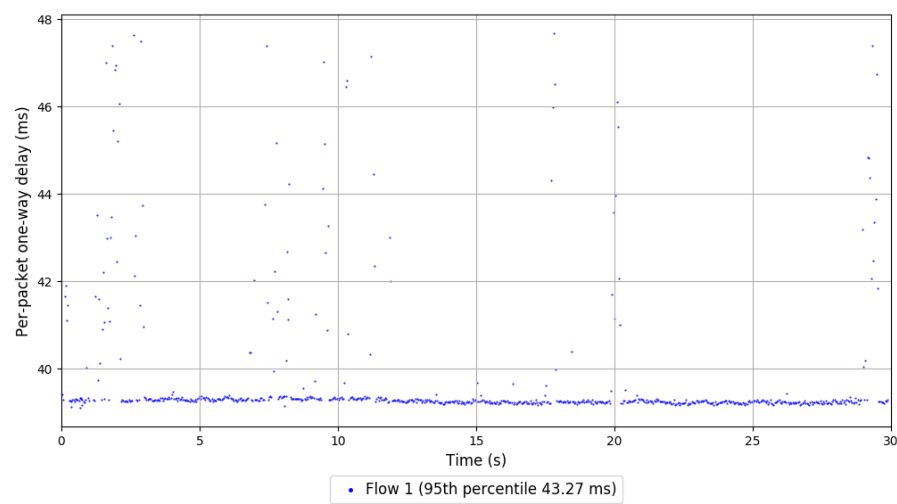
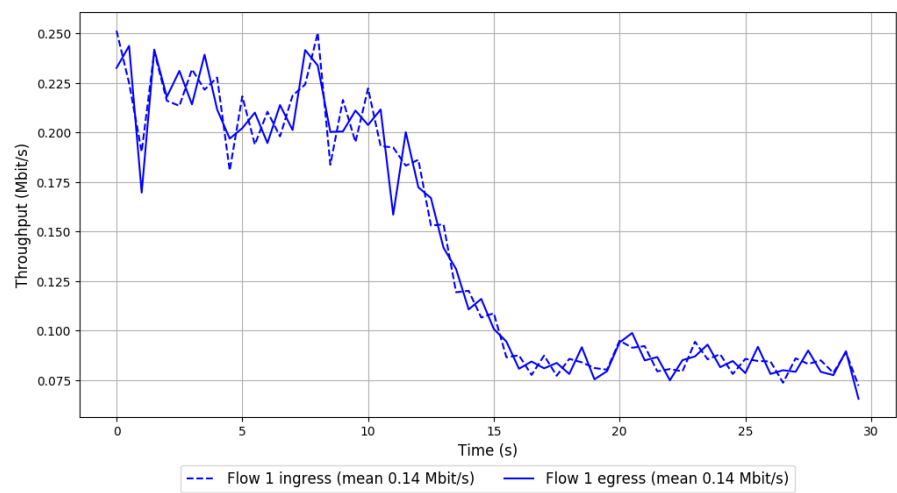
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 43.271 ms

Loss rate: 0.35%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-04-03 08:42:44

End at: 2018-04-03 08:43:14

Local clock offset: -0.526 ms

Remote clock offset: -2.29 ms

Below is generated by plot.py at 2018-04-03 13:14:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 37.847 ms

Loss rate: 0.26%

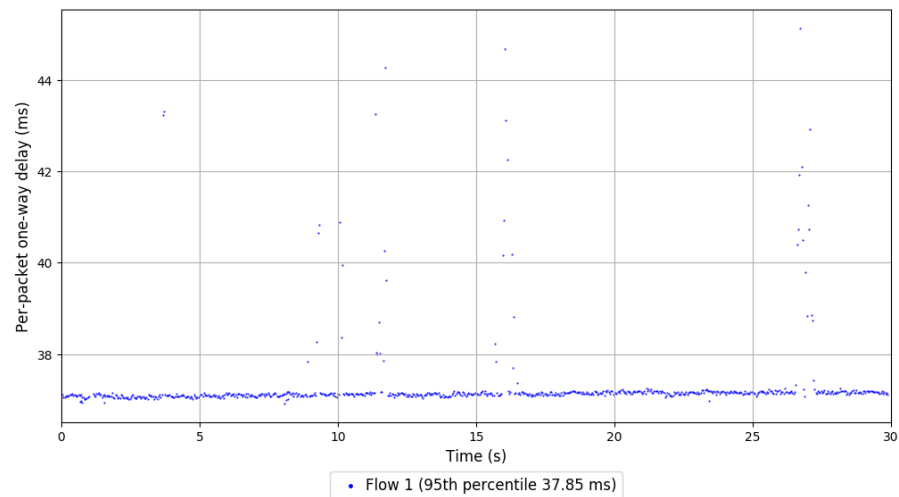
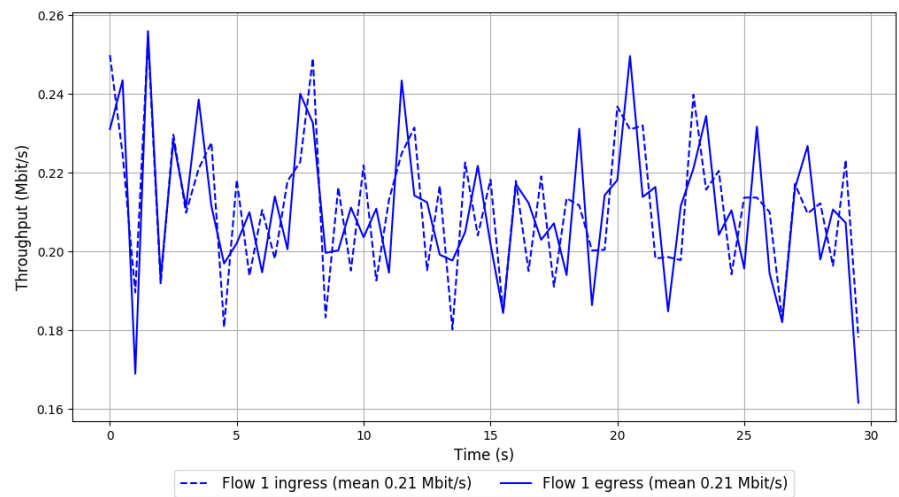
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 37.847 ms

Loss rate: 0.26%

Run 10: Report of SReAM — Data Link

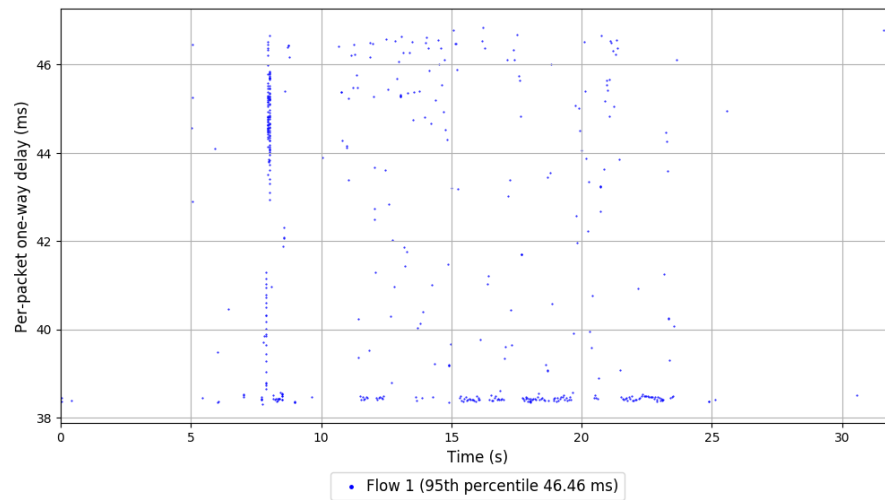
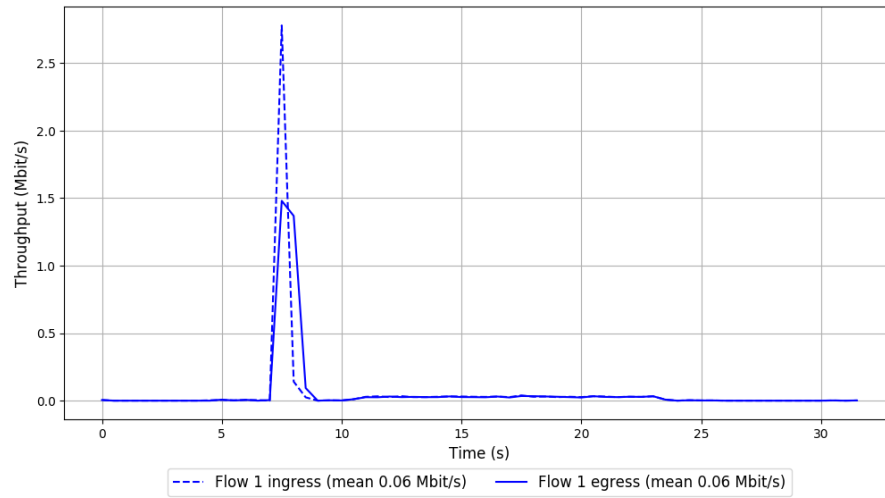


Run 1: Statistics of WebRTC media

Start at: 2018-04-03 04:51:41
End at: 2018-04-03 04:52:11
Local clock offset: 0.28 ms
Remote clock offset: -2.491 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 46.460 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 46.460 ms
Loss rate: 0.89%

Run 1: Report of WebRTC media — Data Link

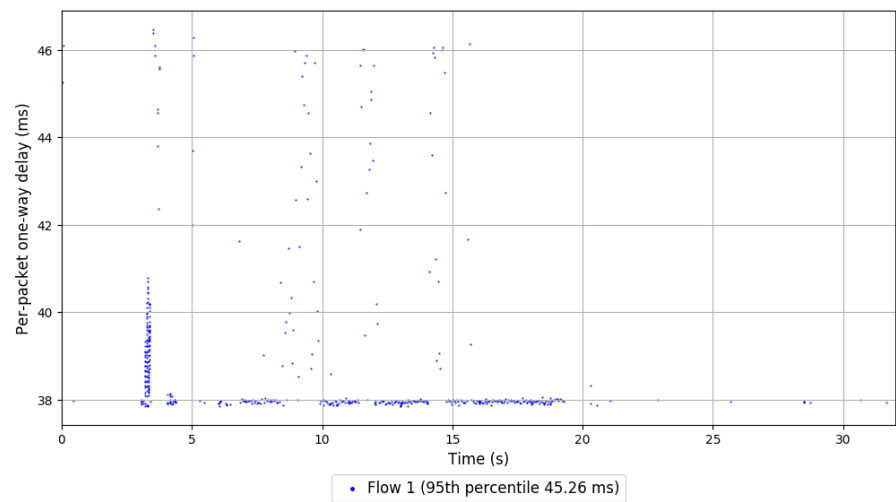
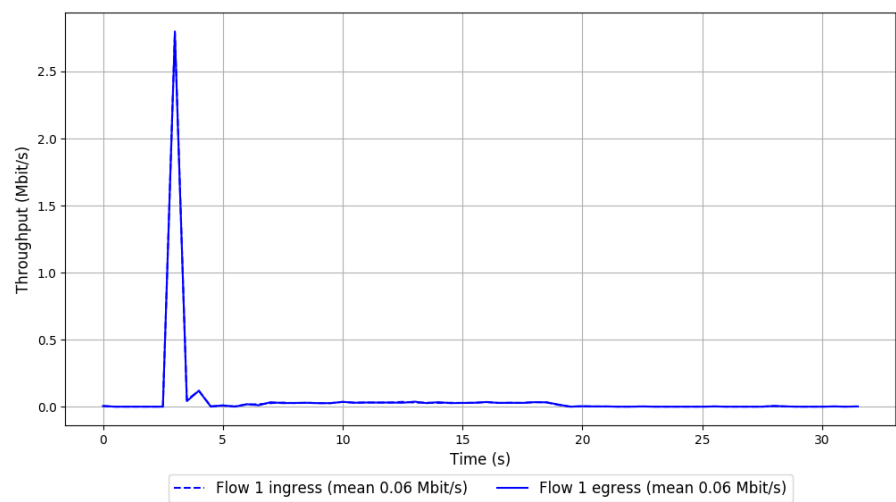


Run 2: Statistics of WebRTC media

Start at: 2018-04-03 05:19:24
End at: 2018-04-03 05:19:54
Local clock offset: 0.261 ms
Remote clock offset: -0.835 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 45.257 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 45.257 ms
Loss rate: 0.59%

Run 2: Report of WebRTC media — Data Link

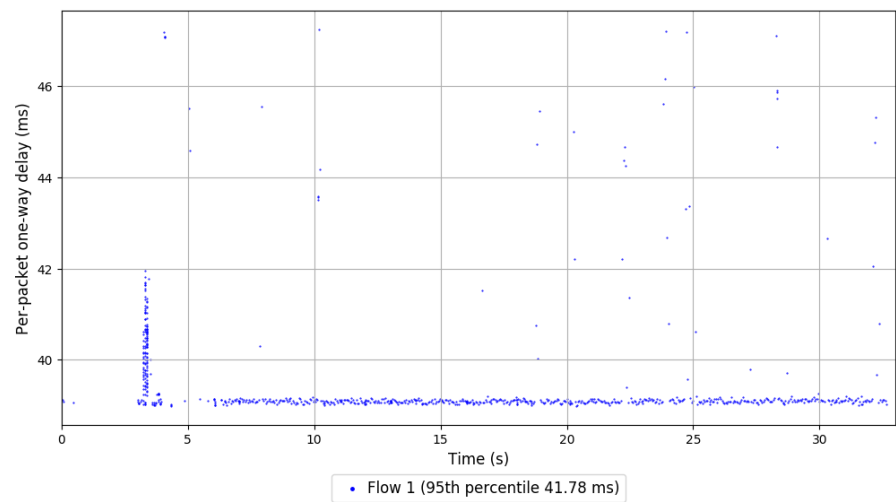
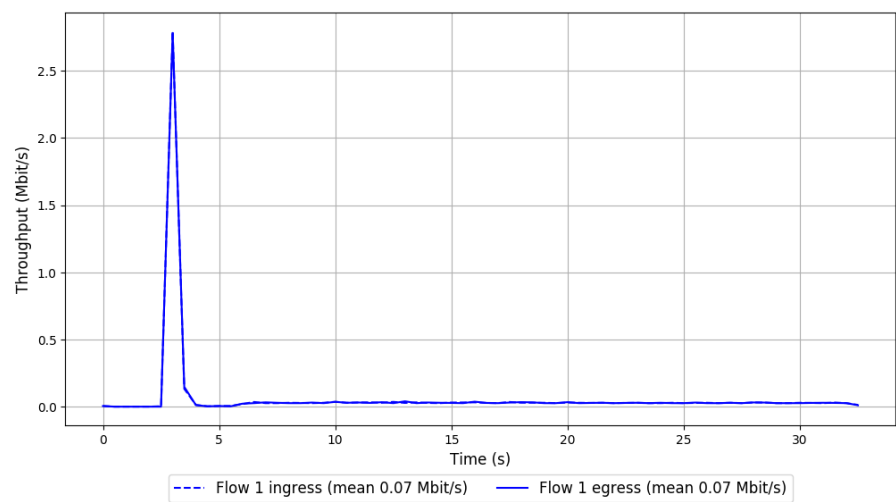


Run 3: Statistics of WebRTC media

Start at: 2018-04-03 05:45:26
End at: 2018-04-03 05:45:56
Local clock offset: 0.103 ms
Remote clock offset: -3.298 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 41.776 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 41.776 ms
Loss rate: 0.21%

Run 3: Report of WebRTC media — Data Link

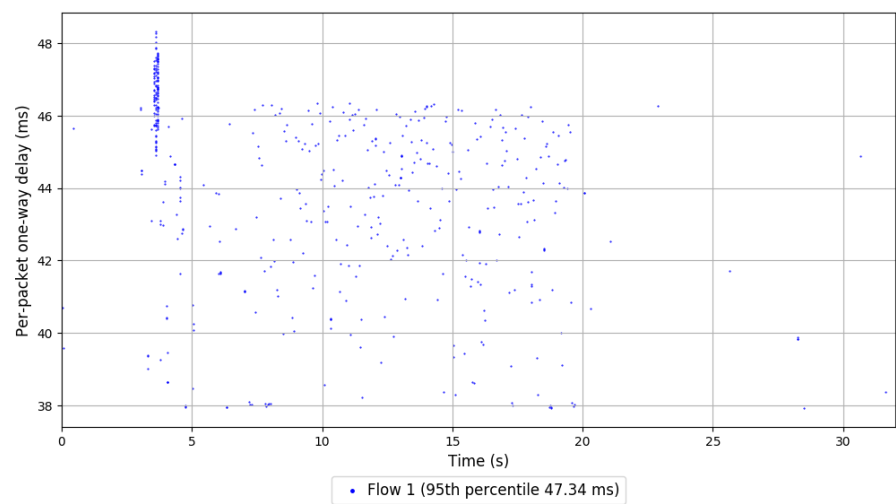
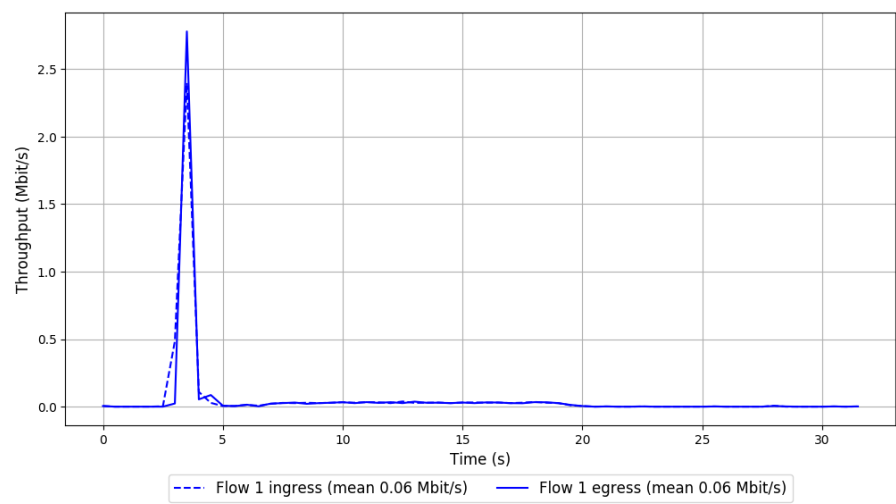


Run 4: Statistics of WebRTC media

Start at: 2018-04-03 06:11:30
End at: 2018-04-03 06:12:00
Local clock offset: 0.078 ms
Remote clock offset: -1.541 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 47.343 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 47.343 ms
Loss rate: 2.43%

Run 4: Report of WebRTC media — Data Link

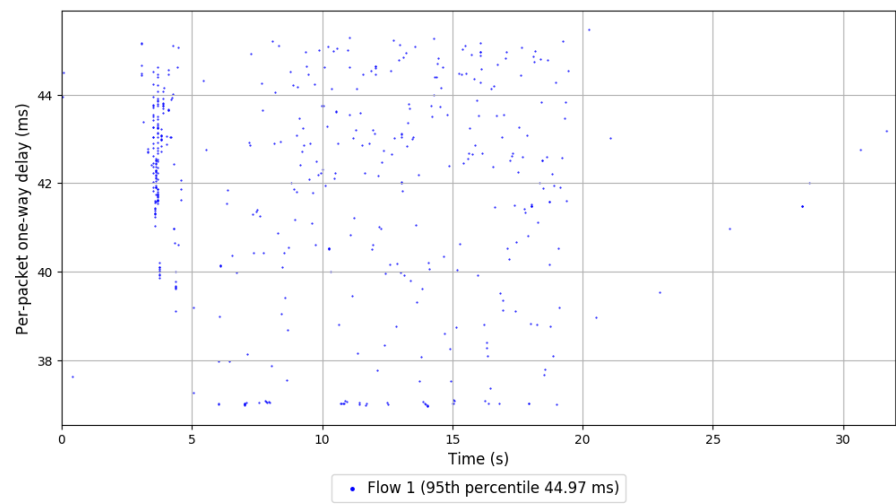
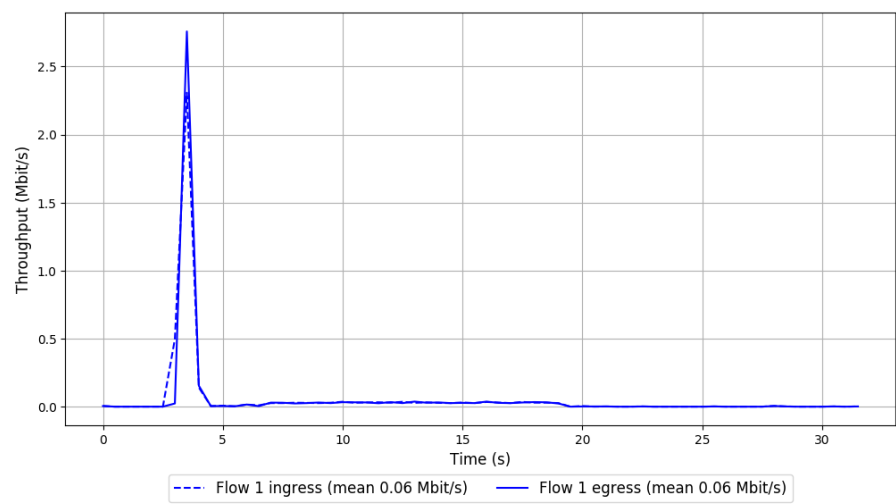


Run 5: Statistics of WebRTC media

Start at: 2018-04-03 06:40:11
End at: 2018-04-03 06:40:41
Local clock offset: 0.034 ms
Remote clock offset: -1.186 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 44.968 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 44.968 ms
Loss rate: 0.66%

Run 5: Report of WebRTC media — Data Link

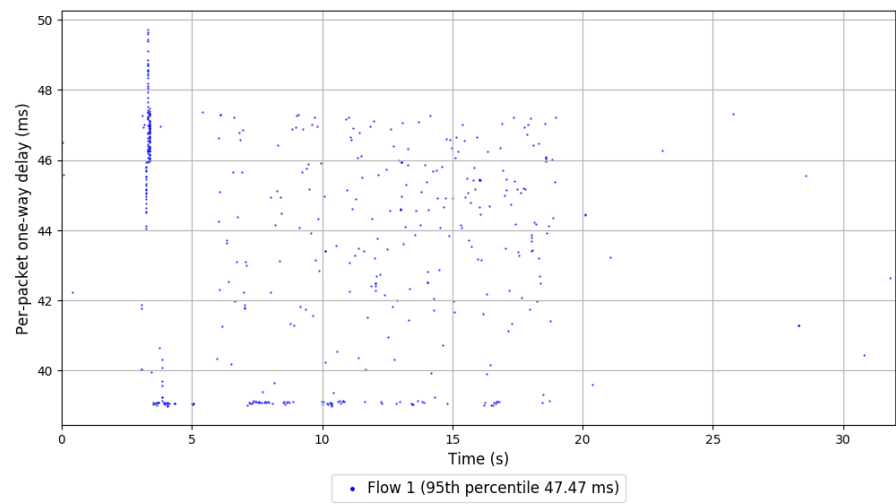
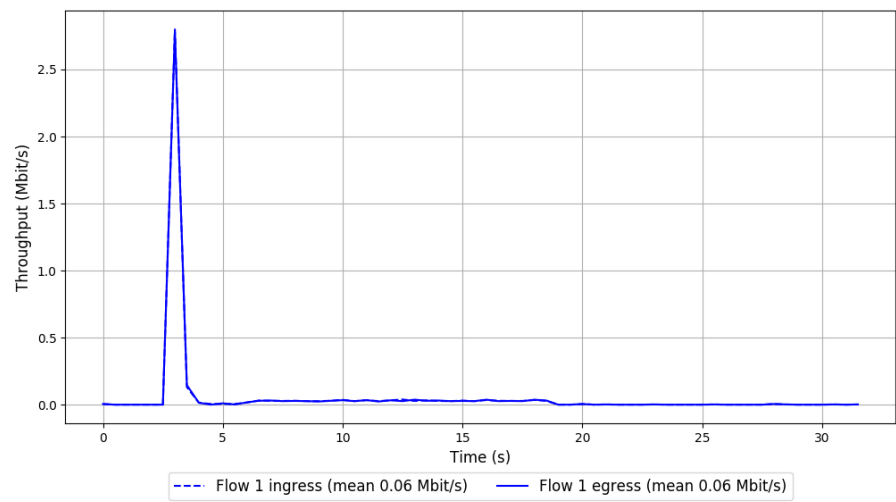


Run 6: Statistics of WebRTC media

Start at: 2018-04-03 07:09:01
End at: 2018-04-03 07:09:31
Local clock offset: 0.174 ms
Remote clock offset: -4.392 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 47.466 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 47.466 ms
Loss rate: 0.42%

Run 6: Report of WebRTC media — Data Link

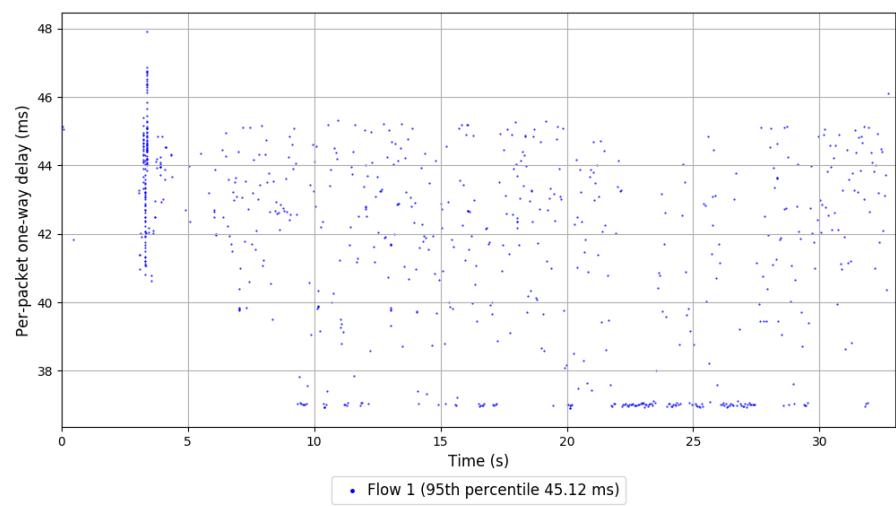
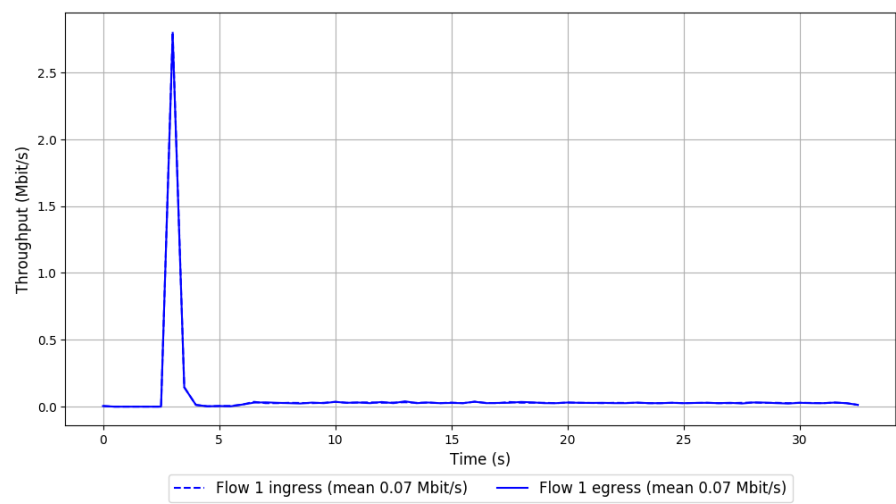


Run 7: Statistics of WebRTC media

Start at: 2018-04-03 07:37:05
End at: 2018-04-03 07:37:36
Local clock offset: 0.123 ms
Remote clock offset: -3.777 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 45.118 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 45.118 ms
Loss rate: 0.89%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-04-03 08:05:38

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

Local clock offset: -0.288 ms

Remote clock offset: -6.94 ms

Below is generated by plot.py at 2018-04-03 13:14:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 48.464 ms

Loss rate: 0.45%

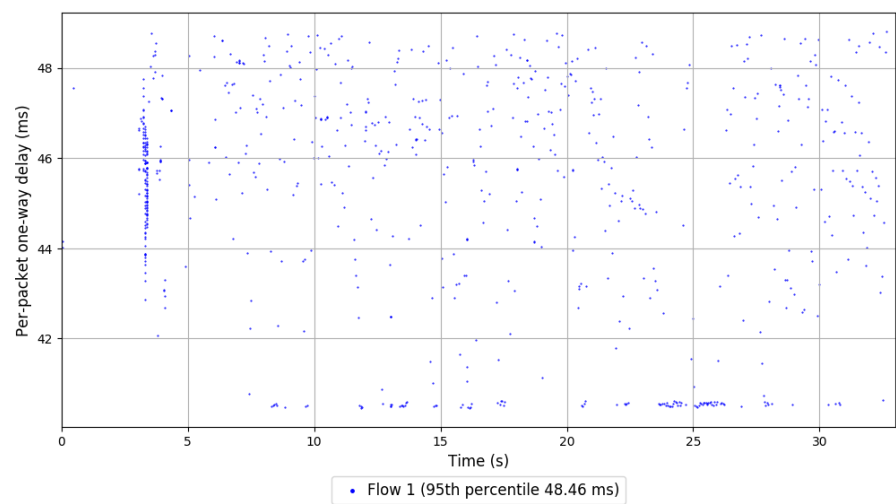
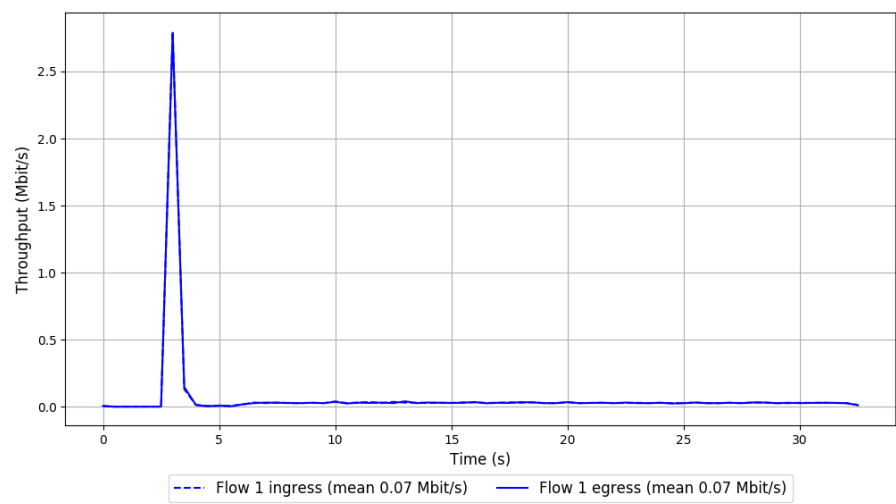
-- Flow 1:

Average throughput: 0.07 Mbit/s

95th percentile per-packet one-way delay: 48.464 ms

Loss rate: 0.45%

Run 8: Report of WebRTC media — Data Link

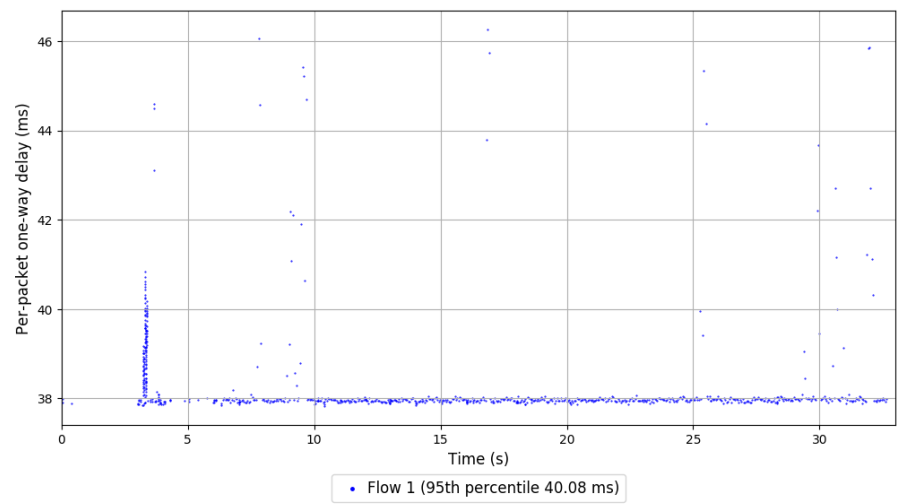
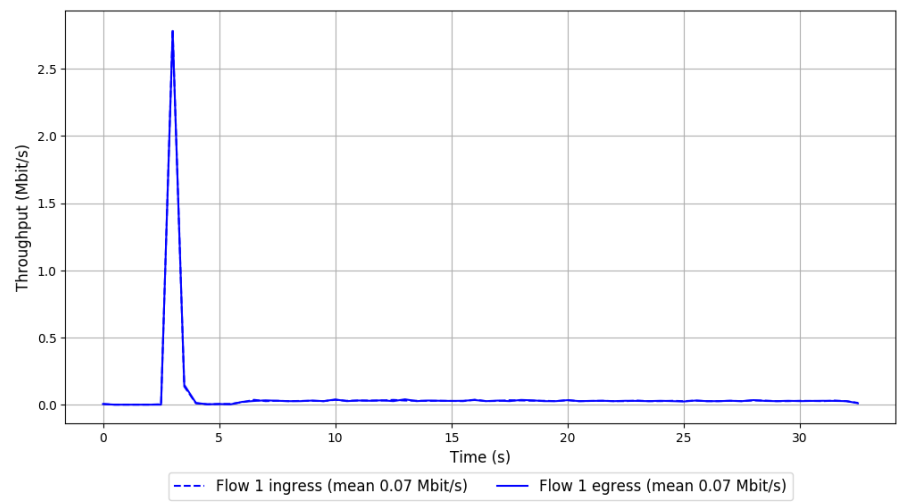


Run 9: Statistics of WebRTC media

Start at: 2018-04-03 08:30:15
End at: 2018-04-03 08:30:45
Local clock offset: -0.389 ms
Remote clock offset: -3.038 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 40.081 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 40.081 ms
Loss rate: 0.18%

Run 9: Report of WebRTC media — Data Link

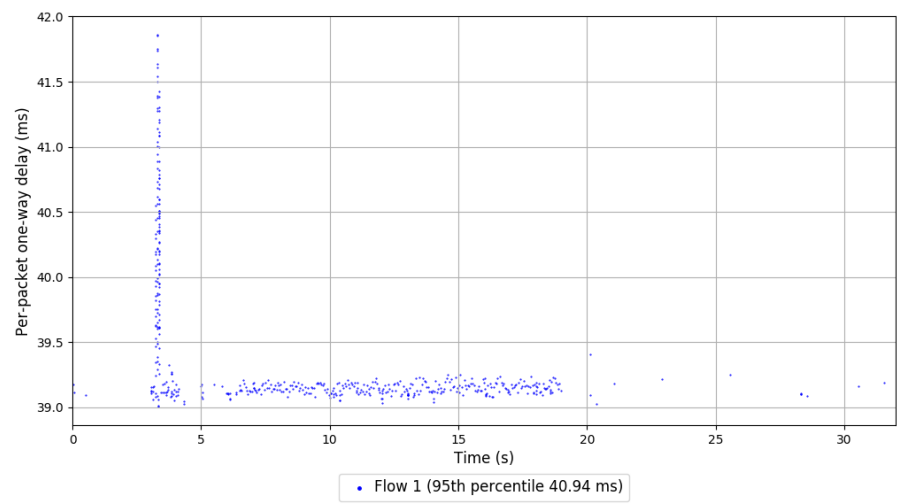
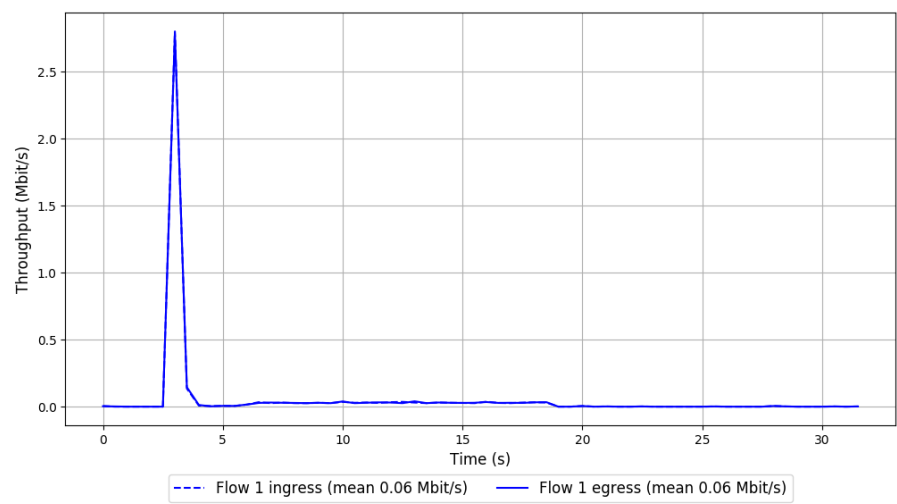


Run 10: Statistics of WebRTC media

Start at: 2018-04-03 08:54:42
End at: 2018-04-03 08:55:12
Local clock offset: -0.241 ms
Remote clock offset: -3.133 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 40.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 40.940 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

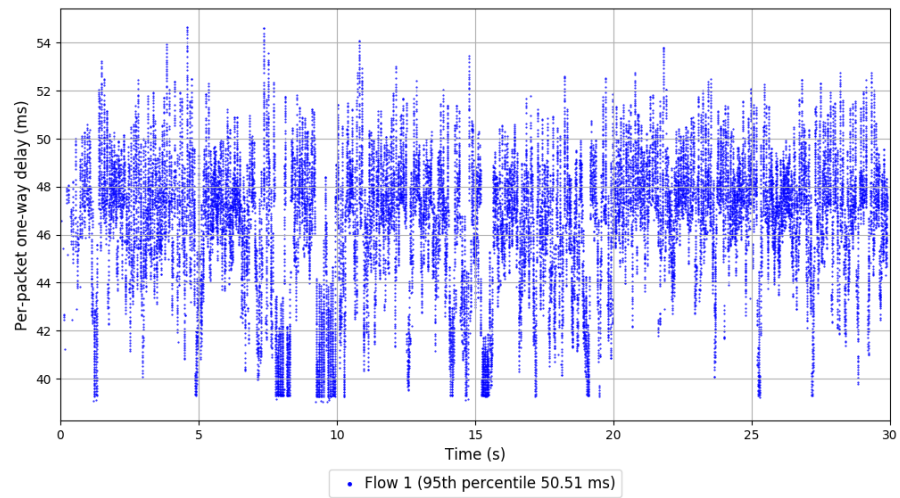
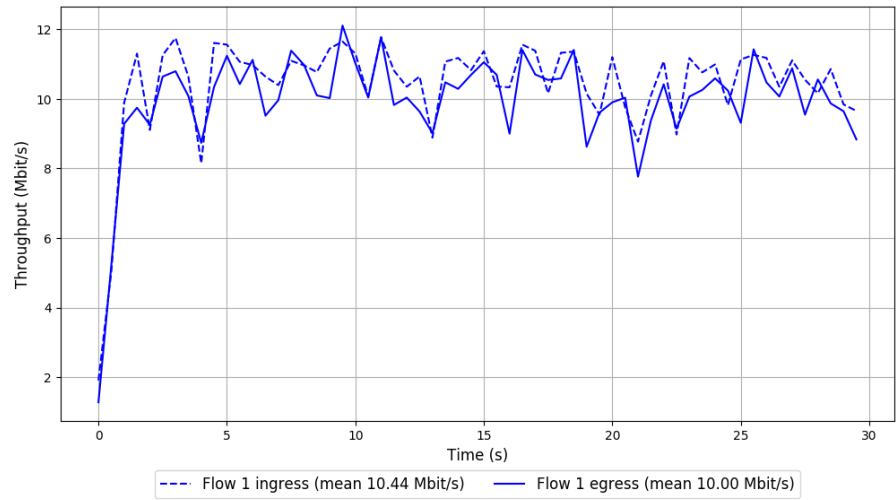


Run 1: Statistics of Sprout

Start at: 2018-04-03 04:32:07
End at: 2018-04-03 04:32:37
Local clock offset: 0.472 ms
Remote clock offset: -8.173 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.00 Mbit/s
95th percentile per-packet one-way delay: 50.509 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 10.00 Mbit/s
95th percentile per-packet one-way delay: 50.509 ms
Loss rate: 4.38%

Run 1: Report of Sprout — Data Link

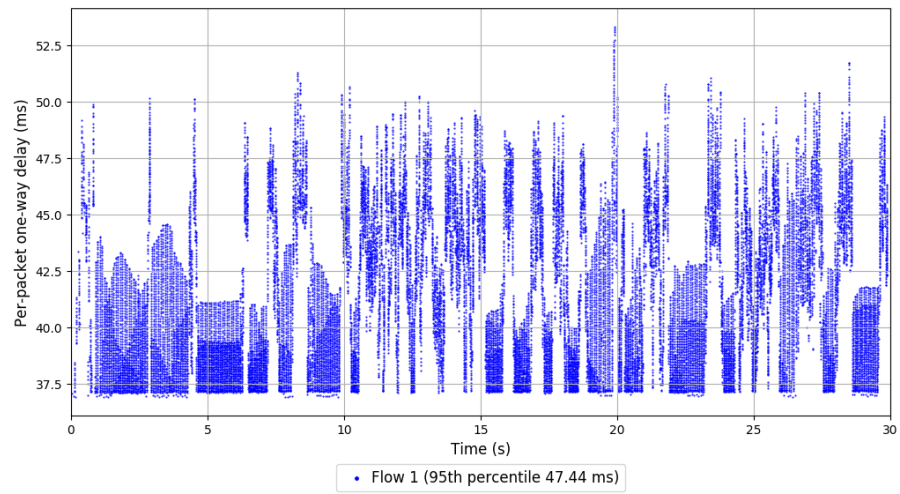
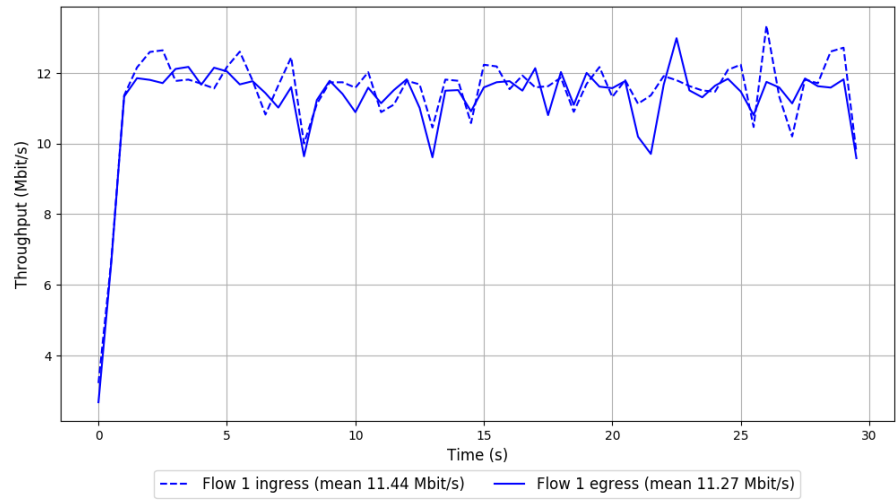


Run 2: Statistics of Sprout

Start at: 2018-04-03 05:01:38
End at: 2018-04-03 05:02:08
Local clock offset: 0.307 ms
Remote clock offset: -1.452 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 47.439 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 47.439 ms
Loss rate: 1.79%

Run 2: Report of Sprout — Data Link

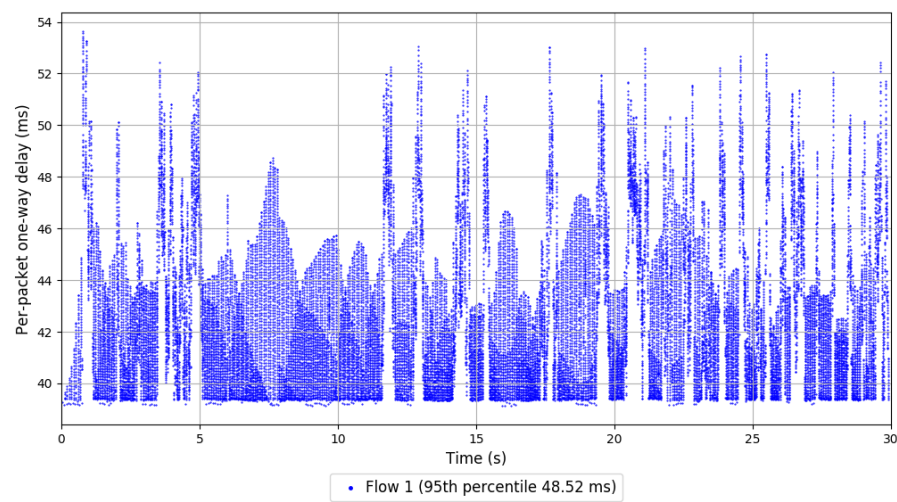
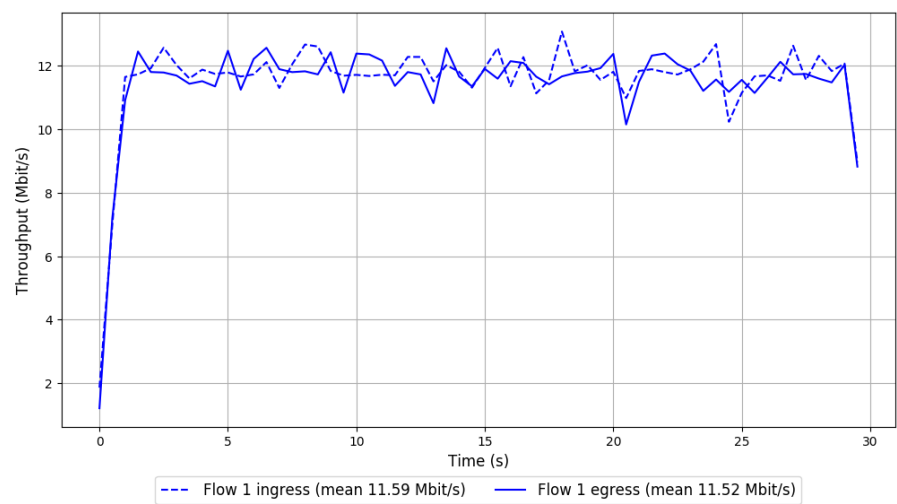


Run 3: Statistics of Sprout

Start at: 2018-04-03 05:28:38
End at: 2018-04-03 05:29:08
Local clock offset: 0.249 ms
Remote clock offset: -3.583 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.52 Mbit/s
95th percentile per-packet one-way delay: 48.522 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 11.52 Mbit/s
95th percentile per-packet one-way delay: 48.522 ms
Loss rate: 0.84%

Run 3: Report of Sprout — Data Link

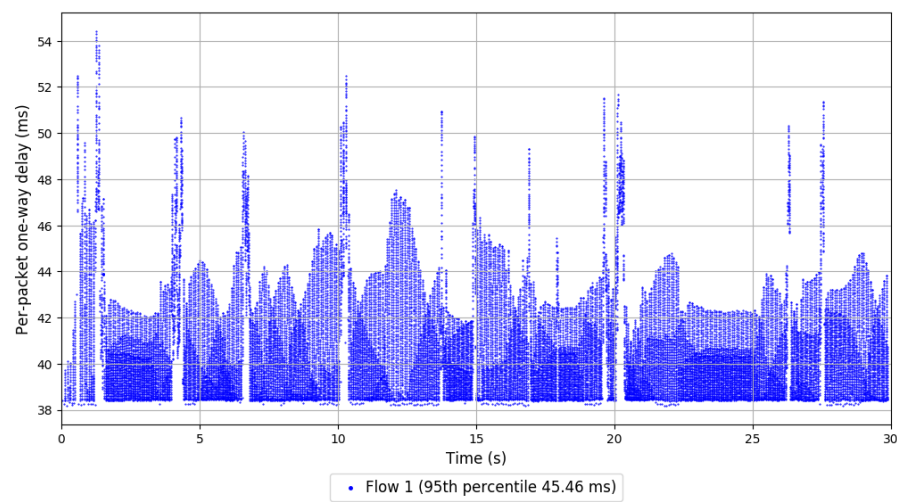
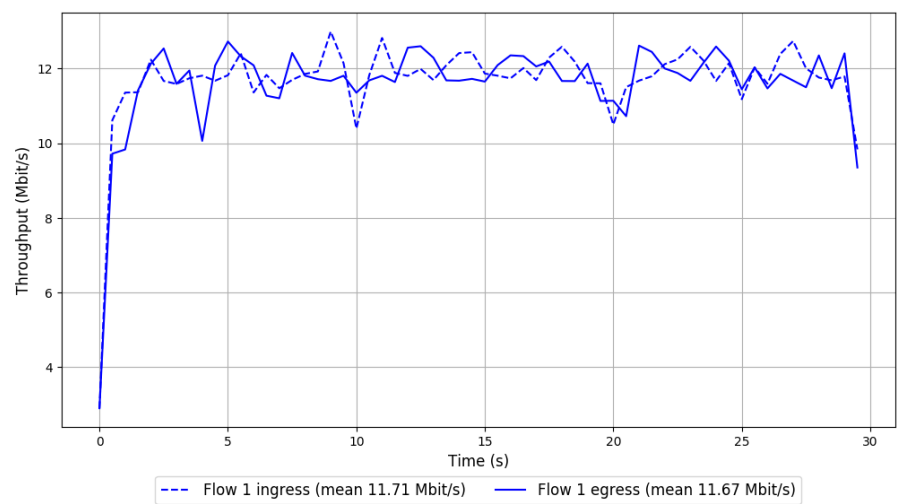


Run 4: Statistics of Sprout

Start at: 2018-04-03 05:54:04
End at: 2018-04-03 05:54:34
Local clock offset: -0.02 ms
Remote clock offset: -1.738 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 45.460 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 11.67 Mbit/s
95th percentile per-packet one-way delay: 45.460 ms
Loss rate: 0.59%

Run 4: Report of Sprout — Data Link

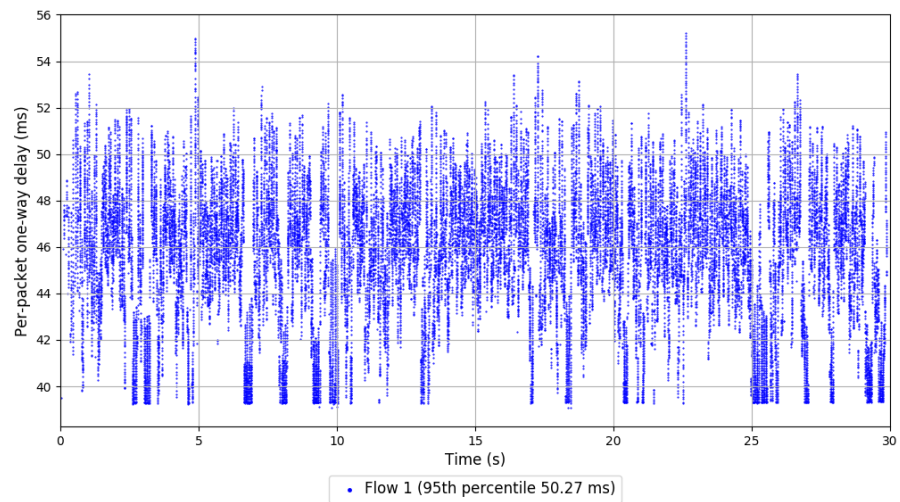
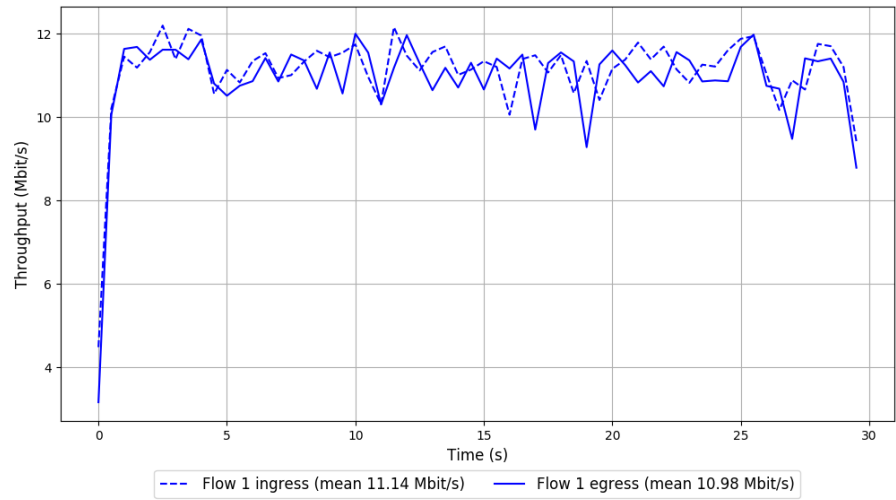


Run 5: Statistics of Sprout

Start at: 2018-04-03 06:21:20
End at: 2018-04-03 06:21:50
Local clock offset: 0.042 ms
Remote clock offset: -4.062 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 50.268 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 10.98 Mbit/s
95th percentile per-packet one-way delay: 50.268 ms
Loss rate: 1.72%

Run 5: Report of Sprout — Data Link

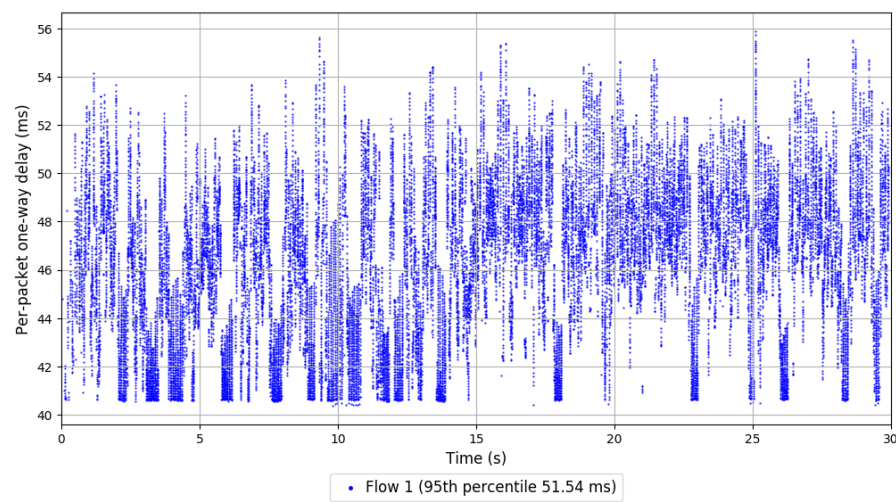
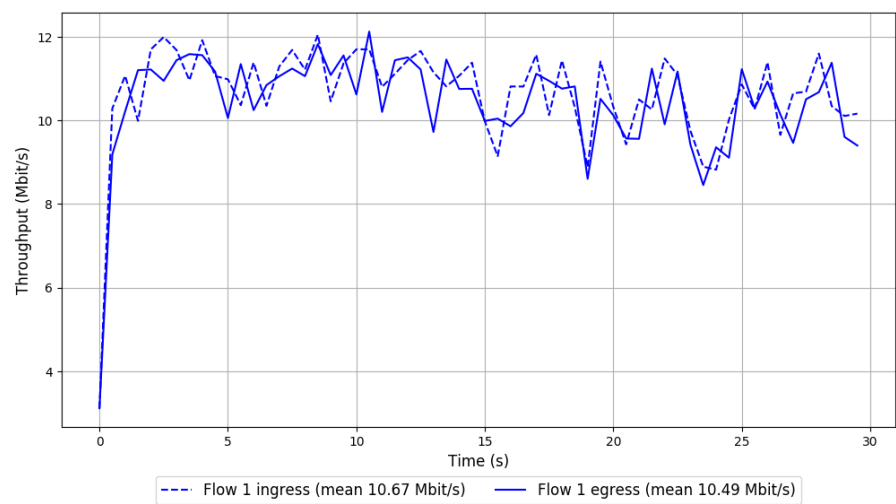


Run 6: Statistics of Sprout

Start at: 2018-04-03 06:50:03
End at: 2018-04-03 06:50:33
Local clock offset: 0.003 ms
Remote clock offset: -3.112 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 51.540 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 51.540 ms
Loss rate: 1.95%

Run 6: Report of Sprout — Data Link

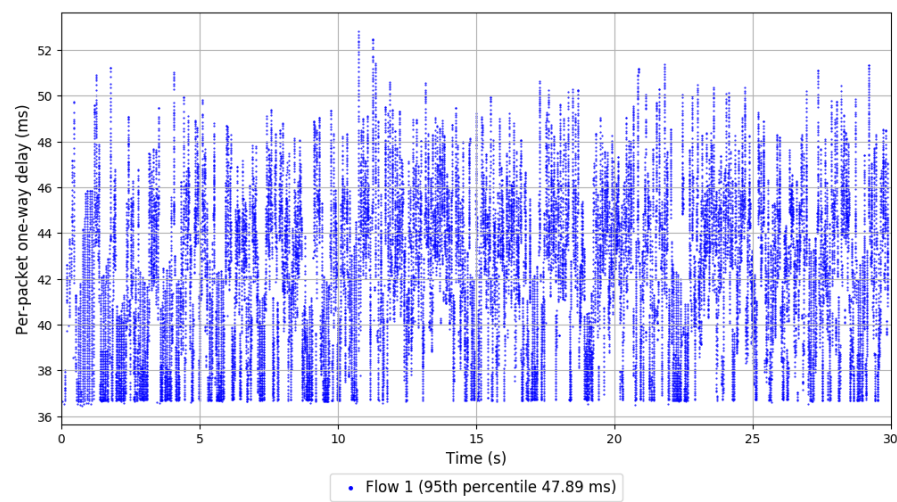
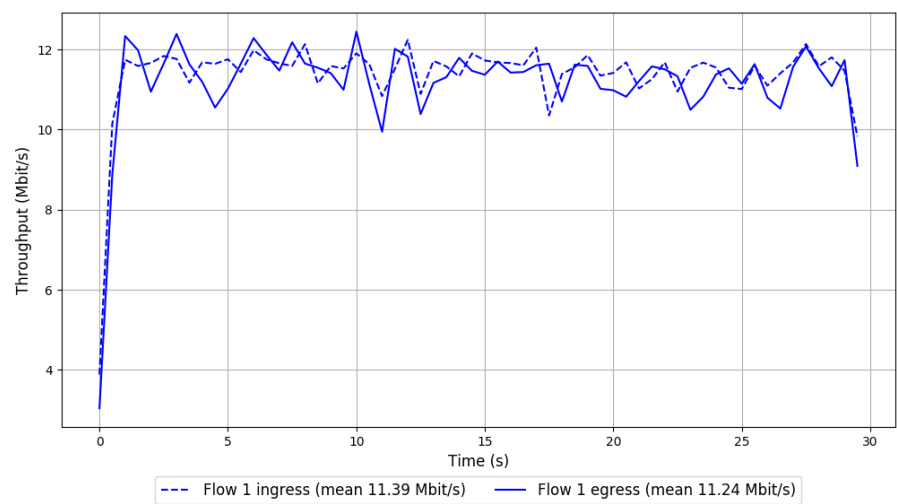


Run 7: Statistics of Sprout

Start at: 2018-04-03 07:18:10
End at: 2018-04-03 07:18:40
Local clock offset: 0.228 ms
Remote clock offset: -1.883 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 47.891 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 47.891 ms
Loss rate: 1.58%

Run 7: Report of Sprout — Data Link

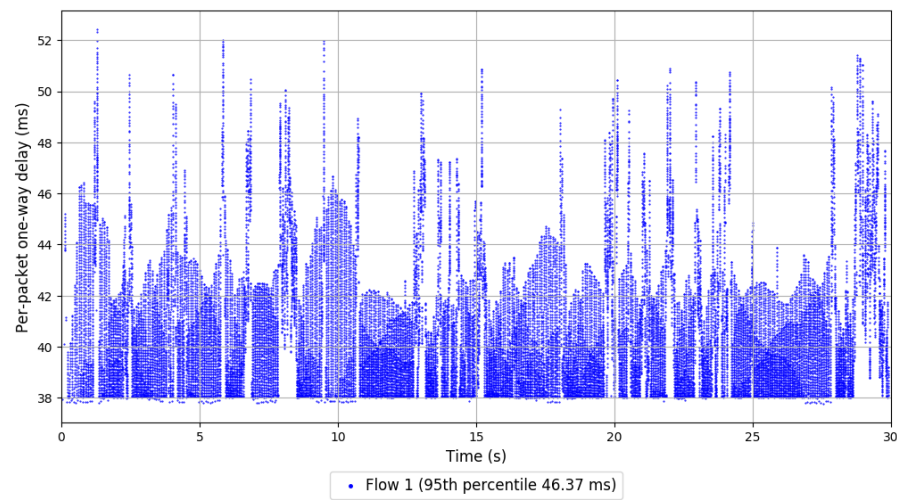
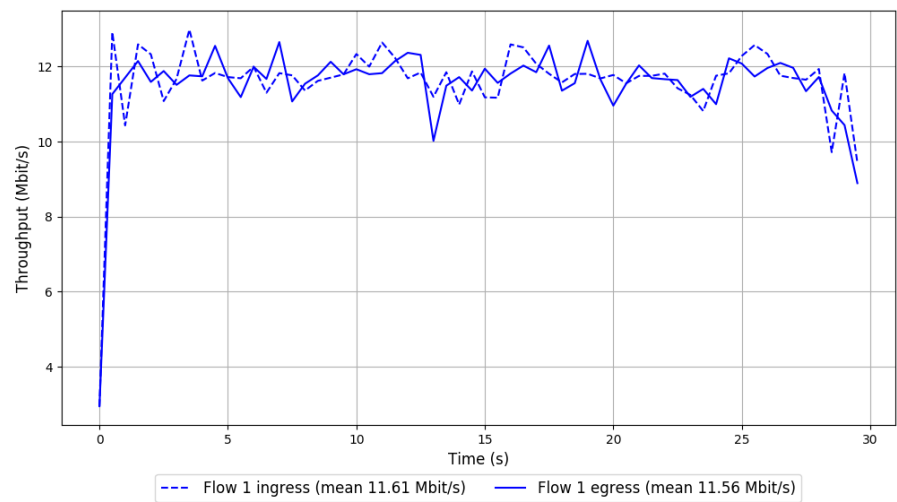


Run 8: Statistics of Sprout

Start at: 2018-04-03 07:46:11
End at: 2018-04-03 07:46:41
Local clock offset: -0.277 ms
Remote clock offset: -4.221 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 46.365 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 46.365 ms
Loss rate: 0.57%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-04-03 08:13:58

End at: 2018-04-03 08:14:28

Local clock offset: -0.223 ms

Remote clock offset: -6.21 ms

Below is generated by plot.py at 2018-04-03 13:14:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.68 Mbit/s

95th percentile per-packet one-way delay: 47.465 ms

Loss rate: 0.46%

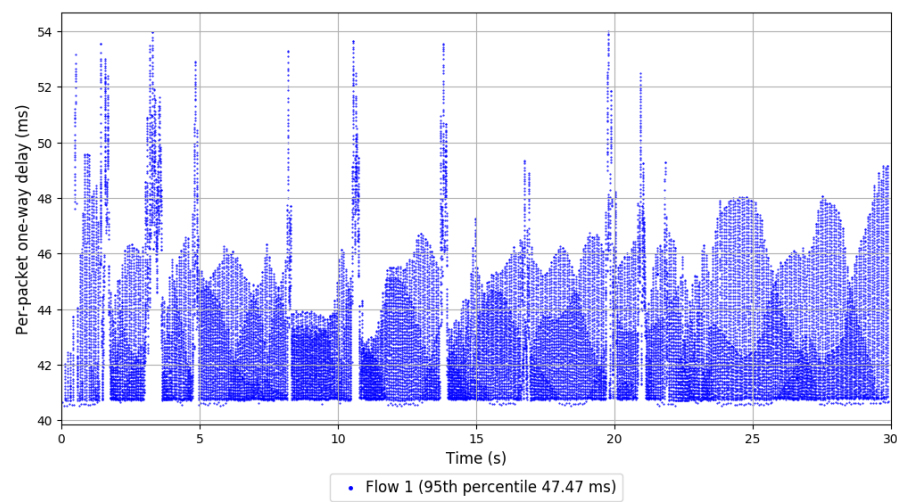
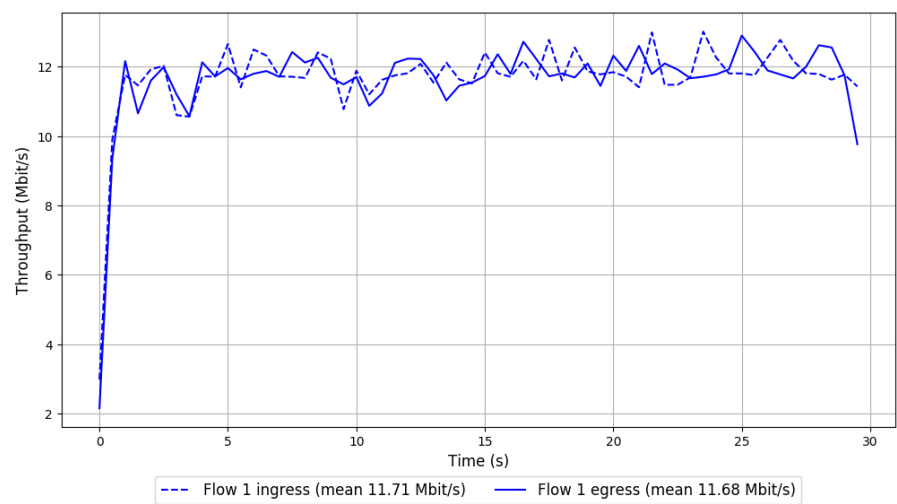
-- Flow 1:

Average throughput: 11.68 Mbit/s

95th percentile per-packet one-way delay: 47.465 ms

Loss rate: 0.46%

Run 9: Report of Sprout — Data Link

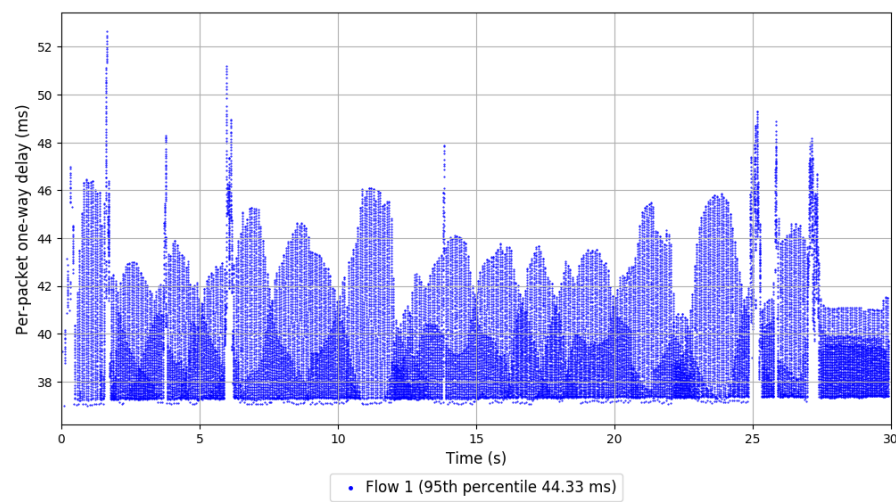
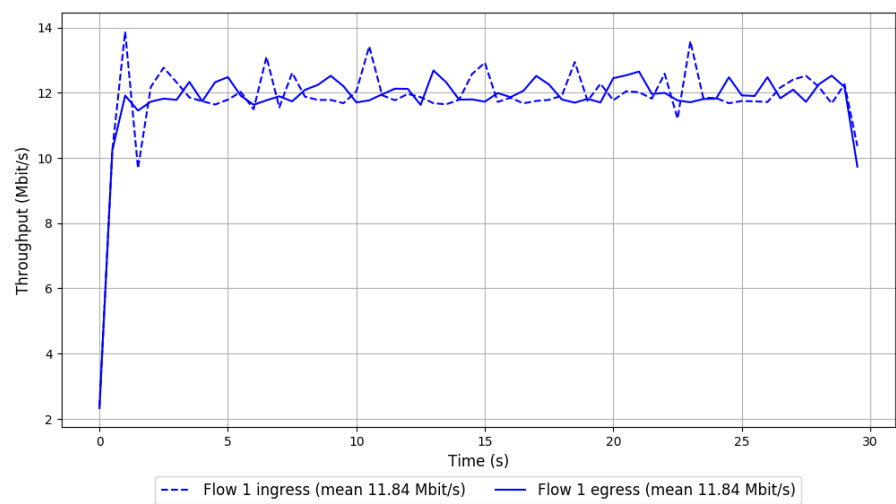


Run 10: Statistics of Sprout

Start at: 2018-04-03 08:38:47
End at: 2018-04-03 08:39:17
Local clock offset: -0.509 ms
Remote clock offset: -3.117 ms

Below is generated by plot.py at 2018-04-03 13:14:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 44.330 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 44.330 ms
Loss rate: 0.22%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-04-03 04:27:18

End at: 2018-04-03 04:27:48

Local clock offset: 0.404 ms

Remote clock offset: -5.269 ms

Below is generated by plot.py at 2018-04-03 13:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 46.223 ms

Loss rate: 3.86%

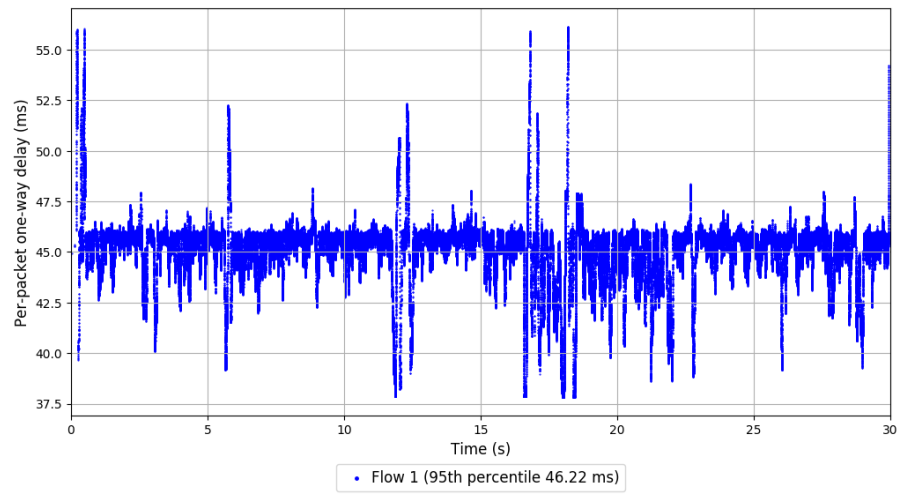
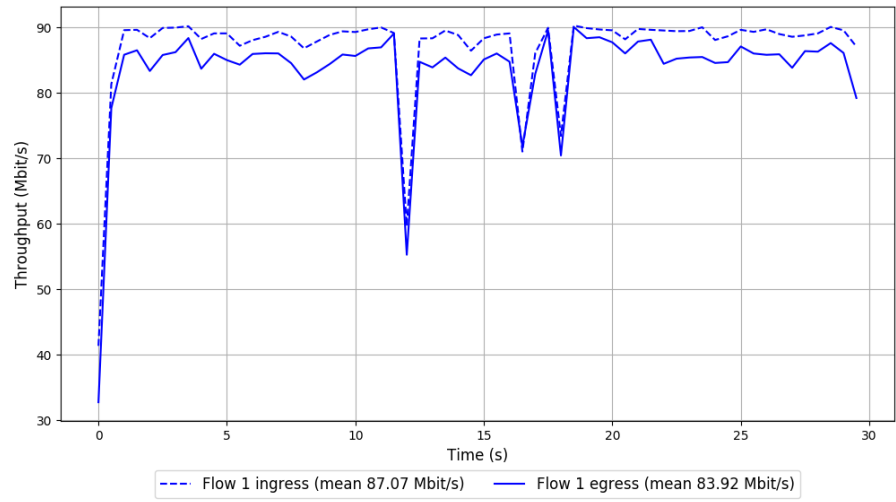
-- Flow 1:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 46.223 ms

Loss rate: 3.86%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-04-03 04:58:02

End at: 2018-04-03 04:58:32

Local clock offset: 0.329 ms

Remote clock offset: -1.753 ms

Below is generated by plot.py at 2018-04-03 13:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.59 Mbit/s

95th percentile per-packet one-way delay: 52.672 ms

Loss rate: 2.52%

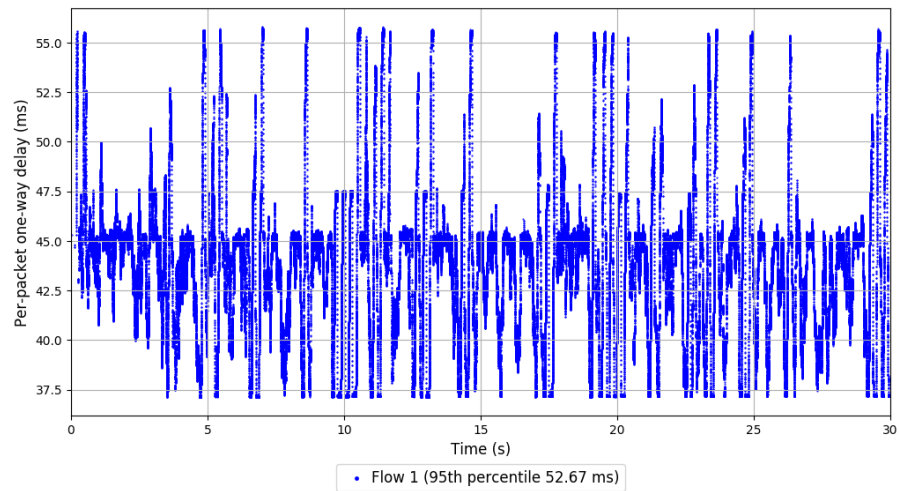
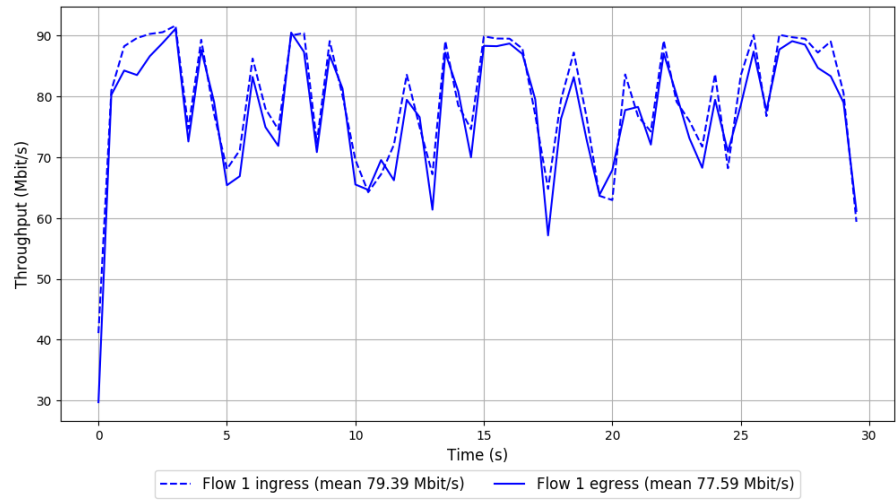
-- Flow 1:

Average throughput: 77.59 Mbit/s

95th percentile per-packet one-way delay: 52.672 ms

Loss rate: 2.52%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-04-03 05:25:22

End at: 2018-04-03 05:25:52

Local clock offset: 0.223 ms

Remote clock offset: -0.966 ms

Below is generated by plot.py at 2018-04-03 13:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.19 Mbit/s

95th percentile per-packet one-way delay: 51.392 ms

Loss rate: 1.44%

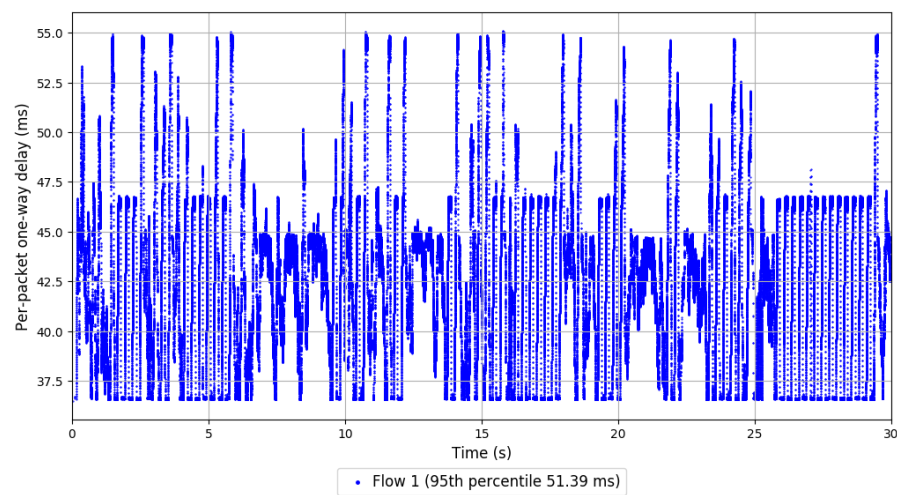
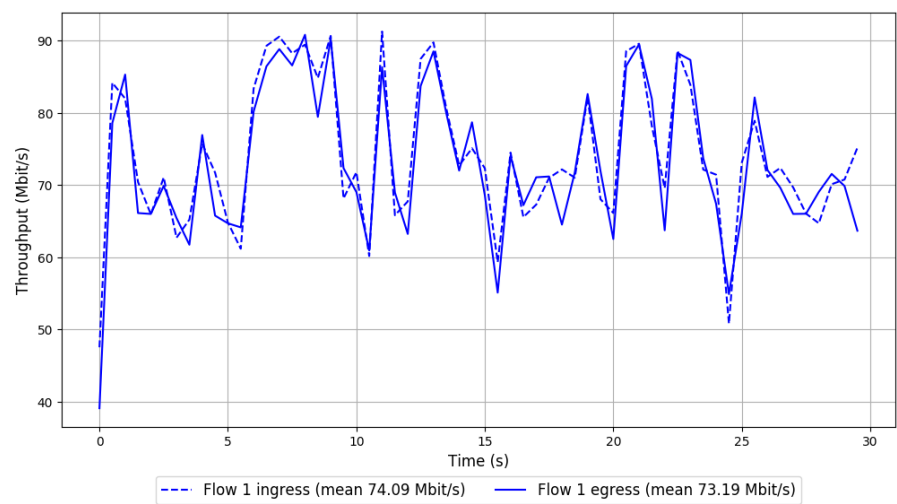
-- Flow 1:

Average throughput: 73.19 Mbit/s

95th percentile per-packet one-way delay: 51.392 ms

Loss rate: 1.44%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-04-03 05:51:15

End at: 2018-04-03 05:51:45

Local clock offset: -0.025 ms

Remote clock offset: -1.61 ms

Below is generated by plot.py at 2018-04-03 13:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.20 Mbit/s

95th percentile per-packet one-way delay: 52.243 ms

Loss rate: 0.81%

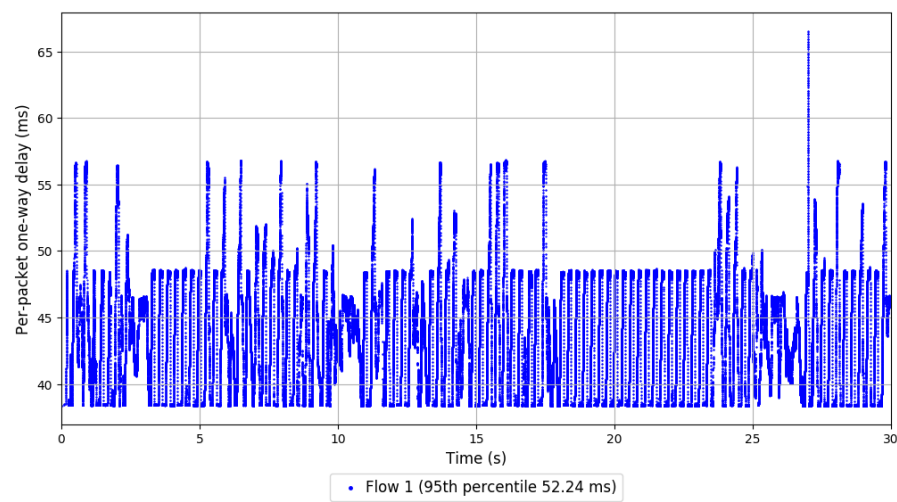
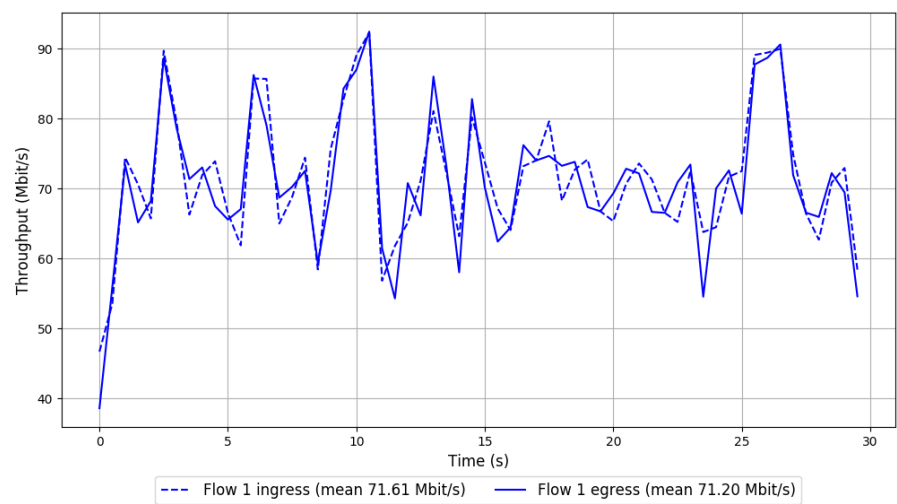
-- Flow 1:

Average throughput: 71.20 Mbit/s

95th percentile per-packet one-way delay: 52.243 ms

Loss rate: 0.81%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-04-03 06:17:11

End at: 2018-04-03 06:17:41

Local clock offset: 0.057 ms

Remote clock offset: -2.048 ms

Below is generated by plot.py at 2018-04-03 13:16:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.83 Mbit/s

95th percentile per-packet one-way delay: 46.801 ms

Loss rate: 1.34%

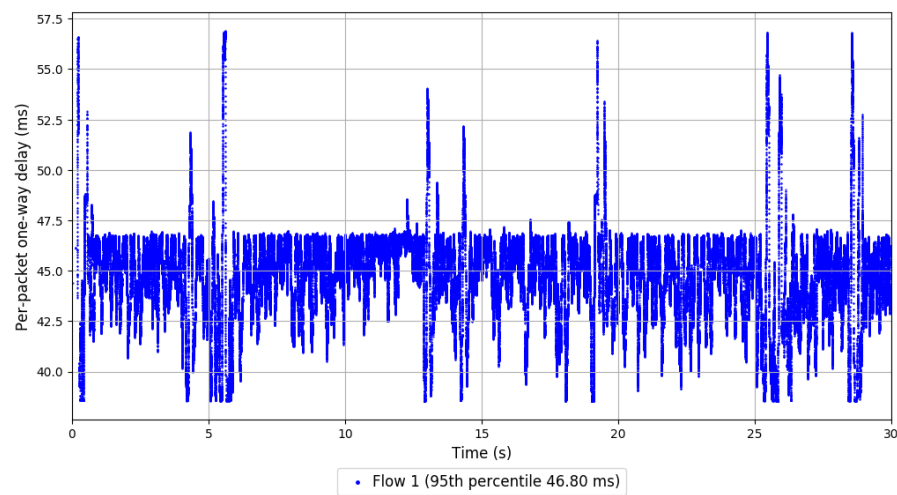
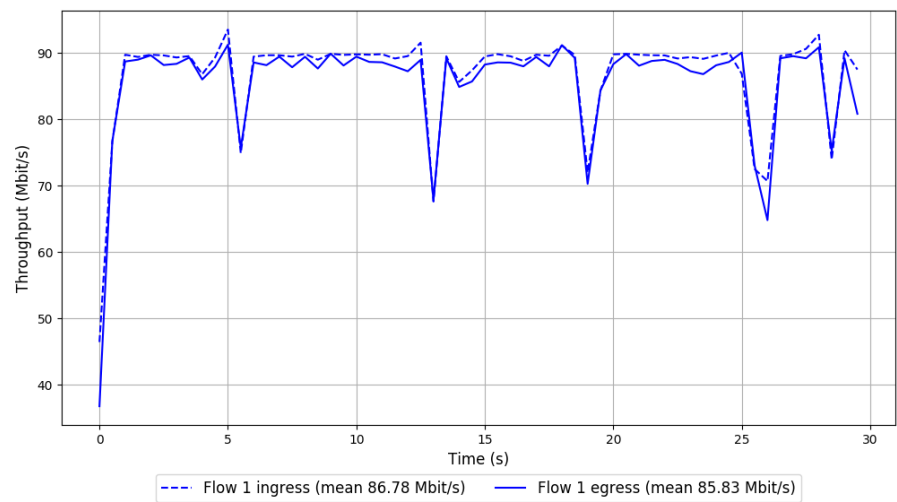
-- Flow 1:

Average throughput: 85.83 Mbit/s

95th percentile per-packet one-way delay: 46.801 ms

Loss rate: 1.34%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-04-03 06:45:49

End at: 2018-04-03 06:46:19

Local clock offset: 0.137 ms

Remote clock offset: -3.173 ms

Below is generated by plot.py at 2018-04-03 13:16:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 50.209 ms

Loss rate: 1.16%

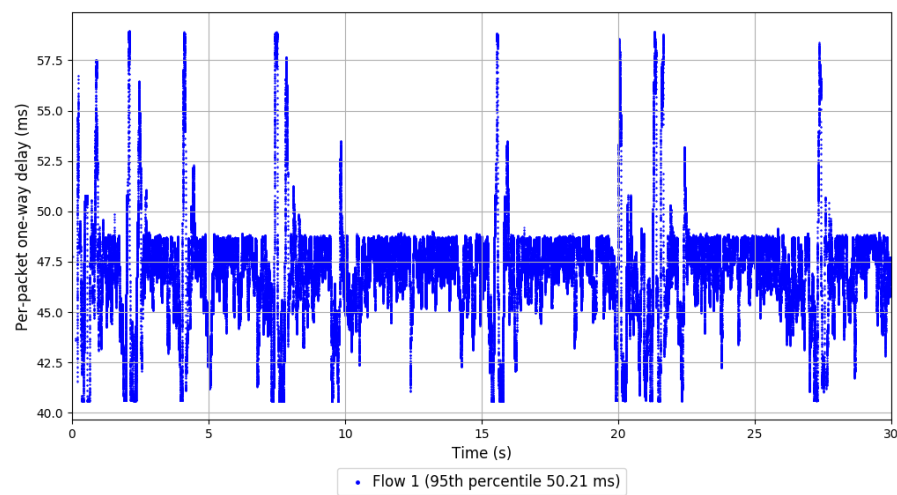
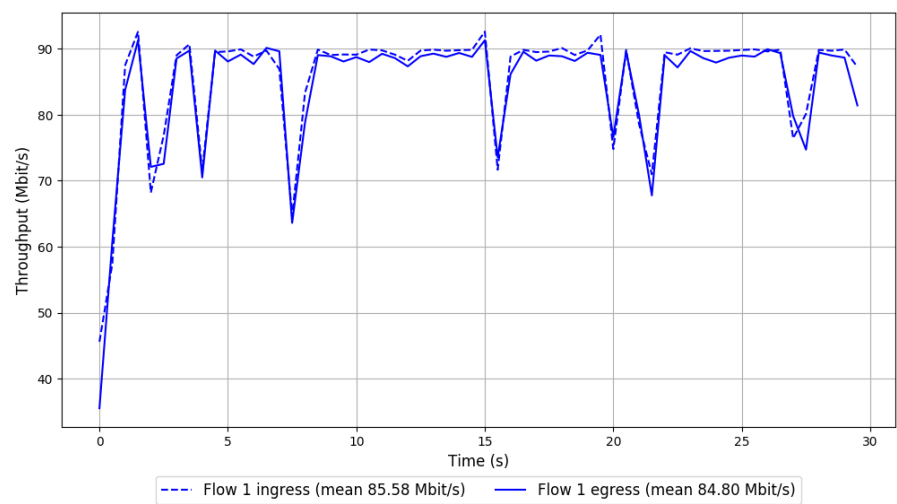
-- Flow 1:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 50.209 ms

Loss rate: 1.16%

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

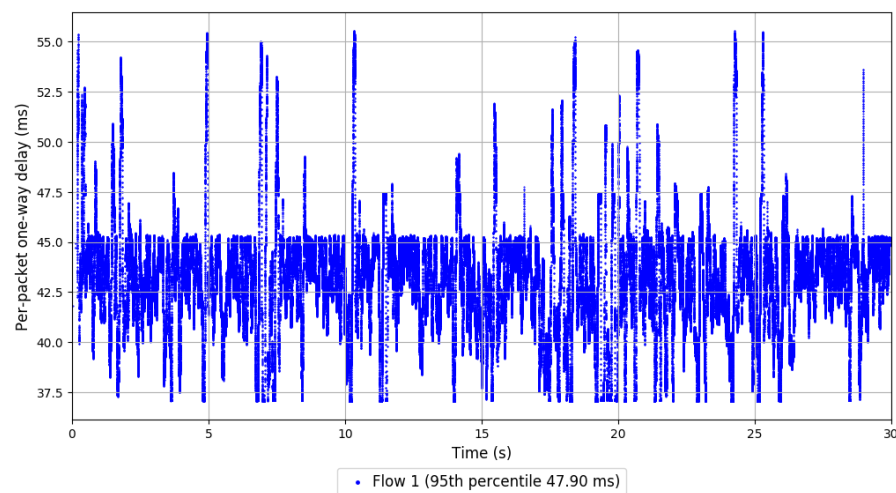
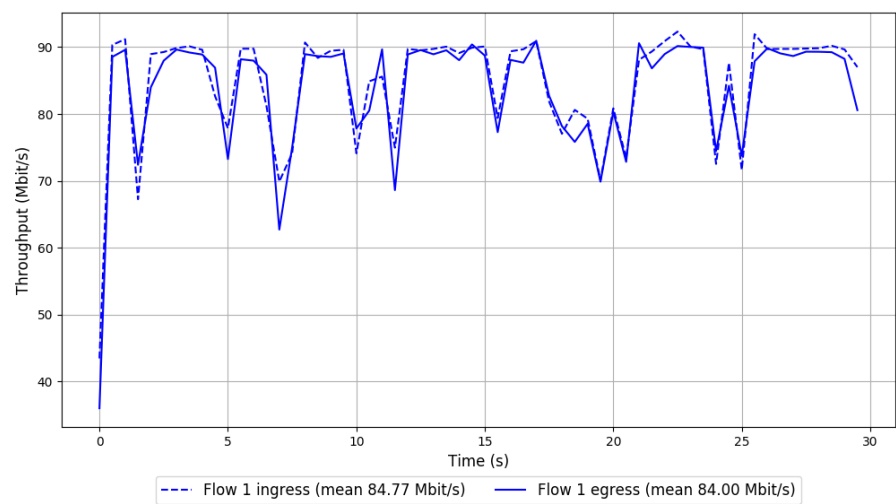


Run 7: Statistics of TaoVA-100x

Start at: 2018-04-03 07:14:38
End at: 2018-04-03 07:15:08
Local clock offset: 0.212 ms
Remote clock offset: -2.345 ms

Below is generated by plot.py at 2018-04-03 13:16:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.00 Mbit/s
95th percentile per-packet one-way delay: 47.899 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 84.00 Mbit/s
95th percentile per-packet one-way delay: 47.899 ms
Loss rate: 1.14%

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

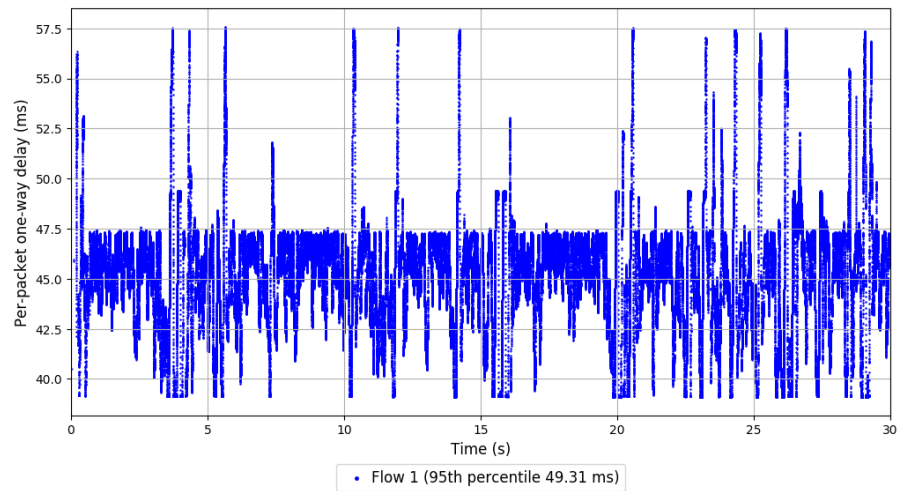
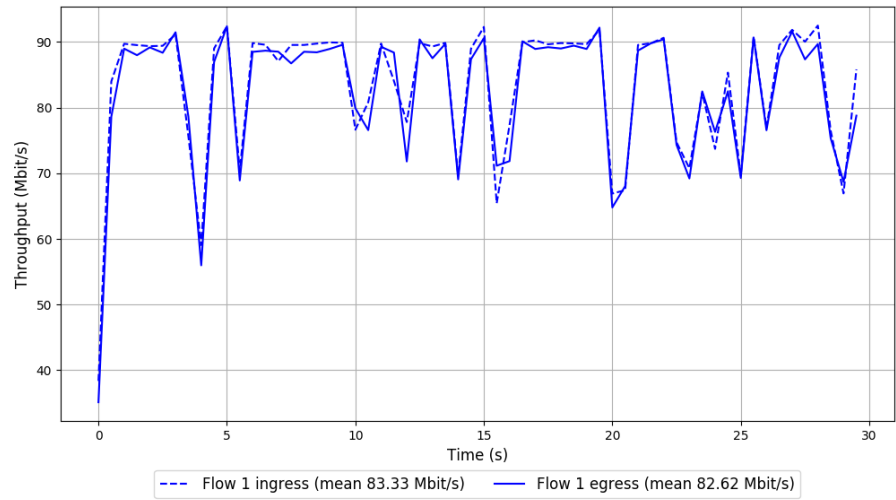


Run 8: Statistics of TaoVA-100x

Start at: 2018-04-03 07:42:39
End at: 2018-04-03 07:43:09
Local clock offset: -0.167 ms
Remote clock offset: -6.521 ms

Below is generated by plot.py at 2018-04-03 13:16:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.62 Mbit/s
95th percentile per-packet one-way delay: 49.315 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 82.62 Mbit/s
95th percentile per-packet one-way delay: 49.315 ms
Loss rate: 1.08%

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

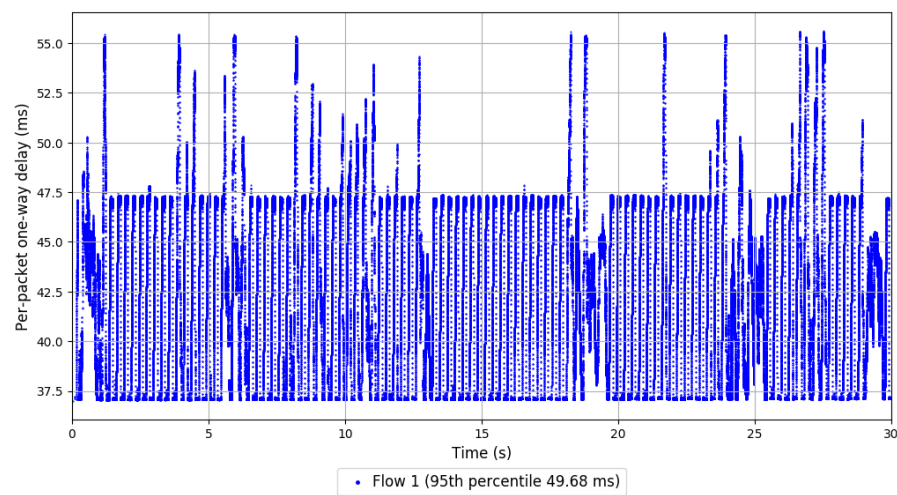
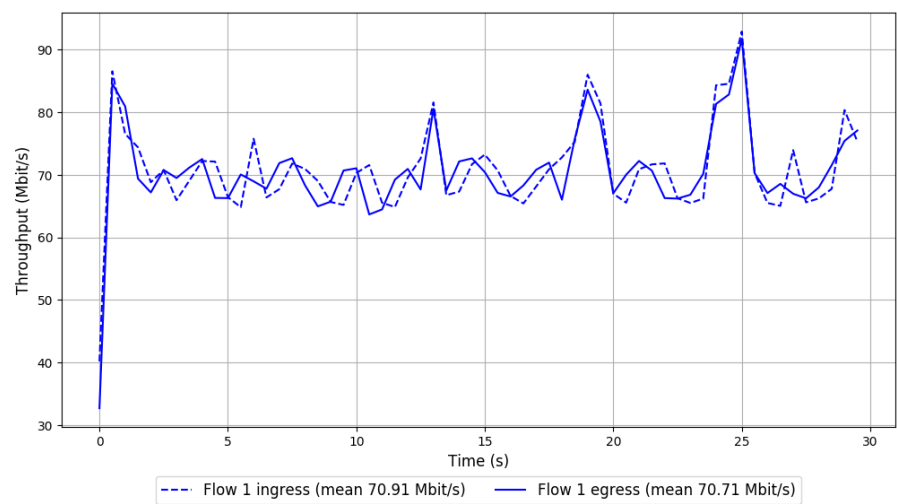


Run 9: Statistics of TaoVA-100x

Start at: 2018-04-03 08:11:08
End at: 2018-04-03 08:11:38
Local clock offset: -0.305 ms
Remote clock offset: -4.305 ms

Below is generated by plot.py at 2018-04-03 13:18:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.71 Mbit/s
95th percentile per-packet one-way delay: 49.683 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 70.71 Mbit/s
95th percentile per-packet one-way delay: 49.683 ms
Loss rate: 0.51%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-04-03 08:35:55

End at: 2018-04-03 08:36:25

Local clock offset: -0.563 ms

Remote clock offset: -3.273 ms

Below is generated by plot.py at 2018-04-03 13:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 49.847 ms

Loss rate: 0.50%

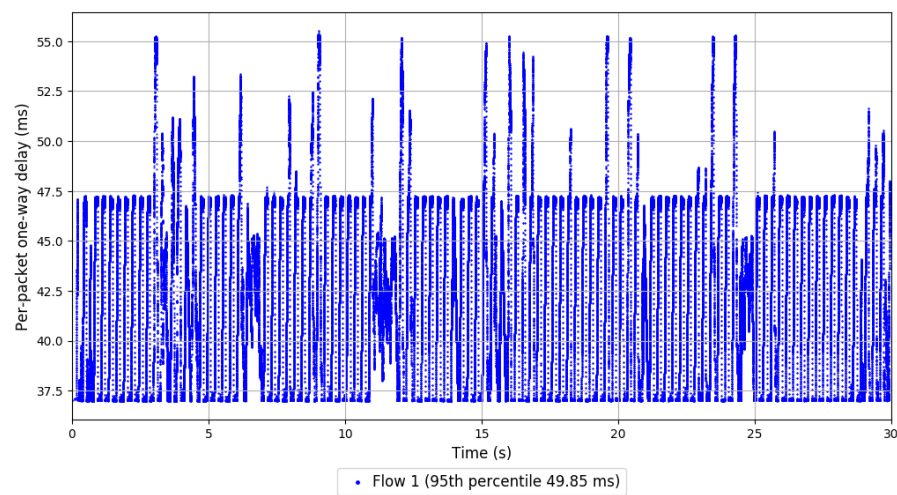
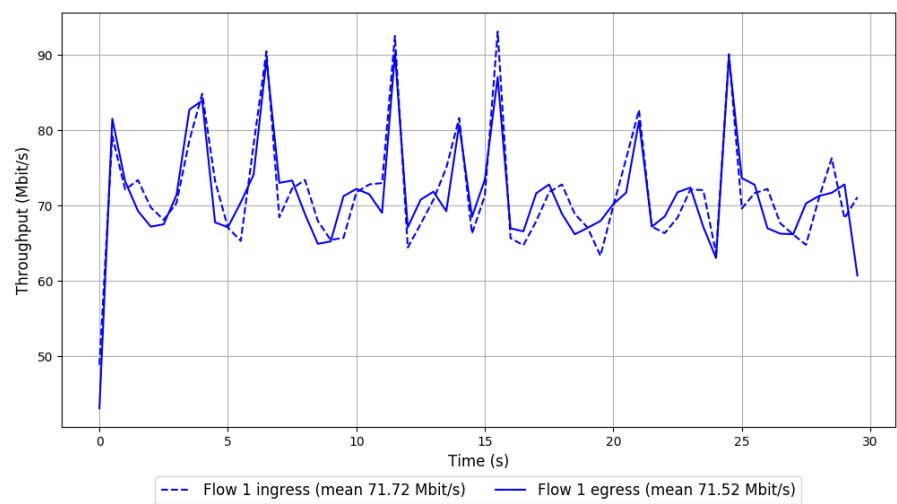
-- Flow 1:

Average throughput: 71.52 Mbit/s

95th percentile per-packet one-way delay: 49.847 ms

Loss rate: 0.50%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-04-03 04:50:23

End at: 2018-04-03 04:50:53

Local clock offset: 0.29 ms

Remote clock offset: -4.768 ms

Below is generated by plot.py at 2018-04-03 13:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.79 Mbit/s

95th percentile per-packet one-way delay: 48.807 ms

Loss rate: 1.72%

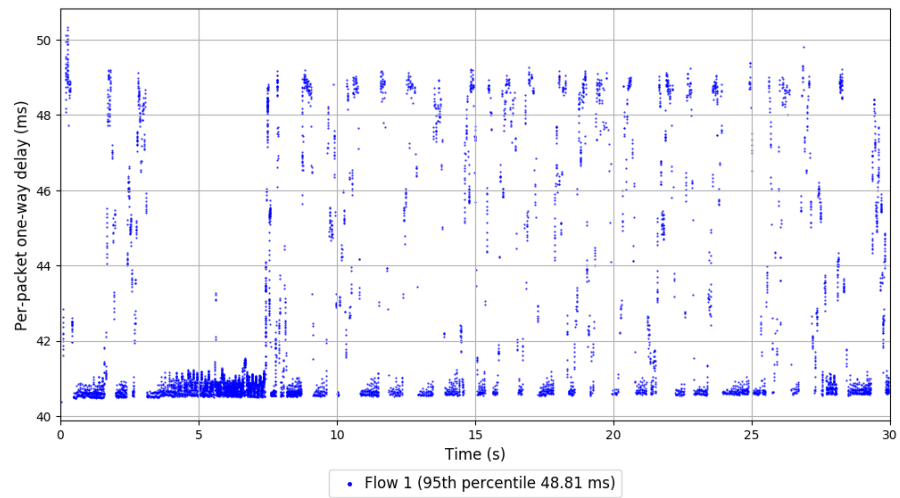
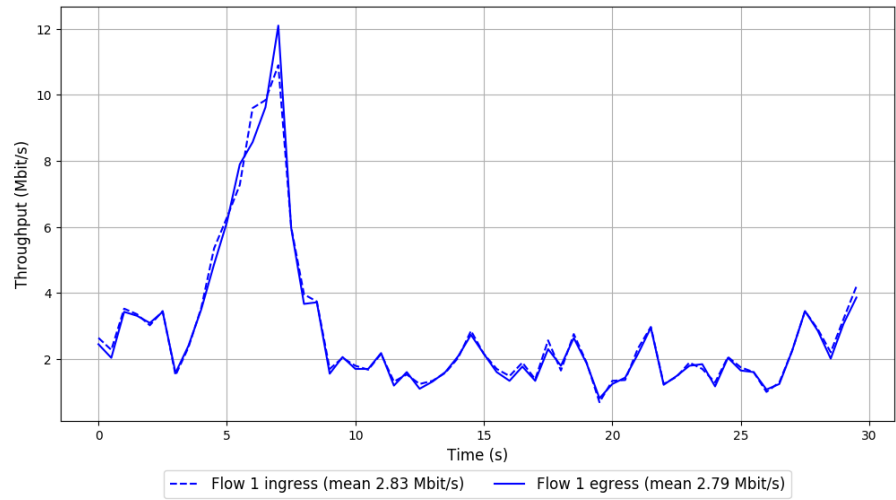
-- Flow 1:

Average throughput: 2.79 Mbit/s

95th percentile per-packet one-way delay: 48.807 ms

Loss rate: 1.72%

Run 1: Report of TCP Vegas — Data Link

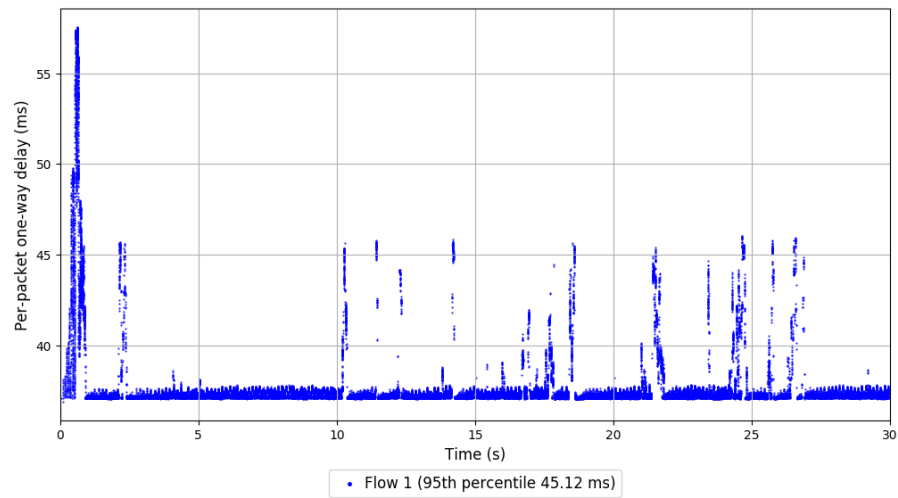
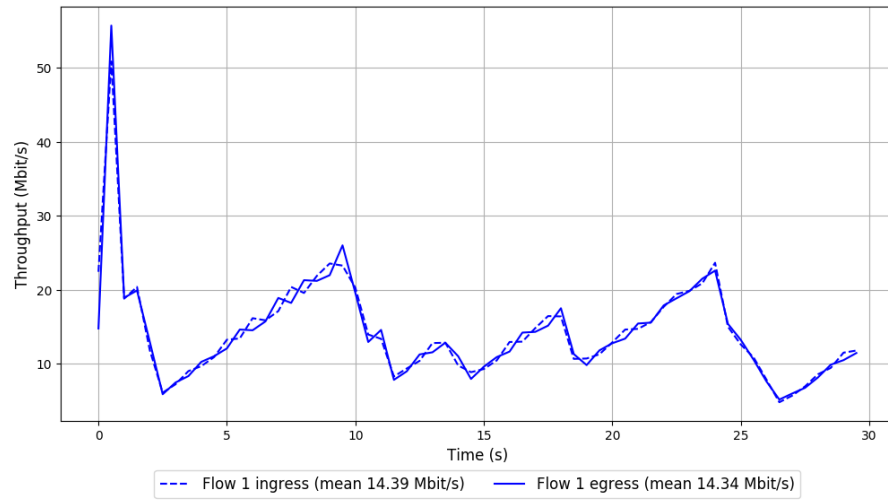


Run 2: Statistics of TCP Vegas

Start at: 2018-04-03 05:18:05
End at: 2018-04-03 05:18:35
Local clock offset: 0.237 ms
Remote clock offset: -1.215 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.34 Mbit/s
95th percentile per-packet one-way delay: 45.118 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 14.34 Mbit/s
95th percentile per-packet one-way delay: 45.118 ms
Loss rate: 0.58%

Run 2: Report of TCP Vegas — Data Link

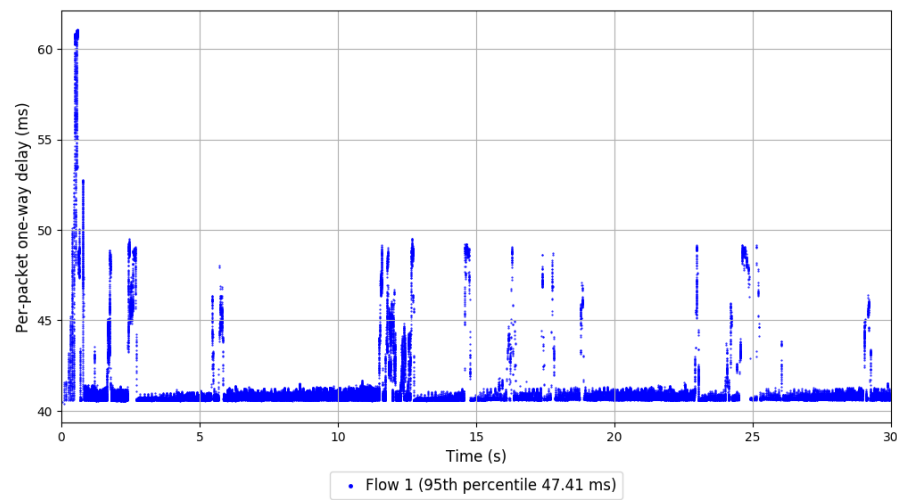
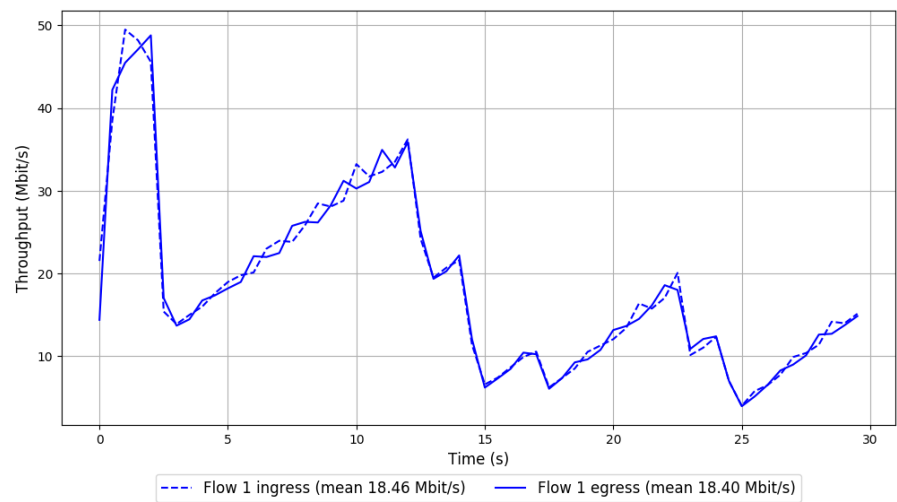


Run 3: Statistics of TCP Vegas

Start at: 2018-04-03 05:44:06
End at: 2018-04-03 05:44:36
Local clock offset: 0.092 ms
Remote clock offset: -3.389 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 47.410 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 47.410 ms
Loss rate: 0.55%

Run 3: Report of TCP Vegas — Data Link

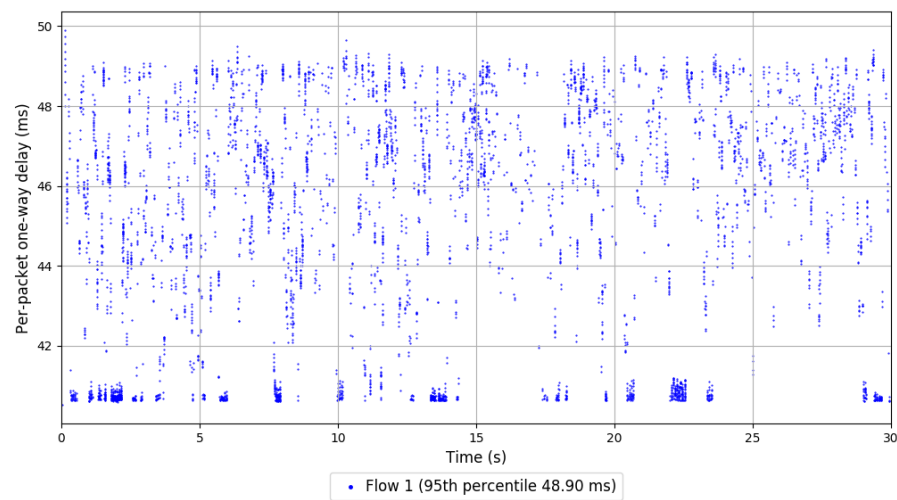
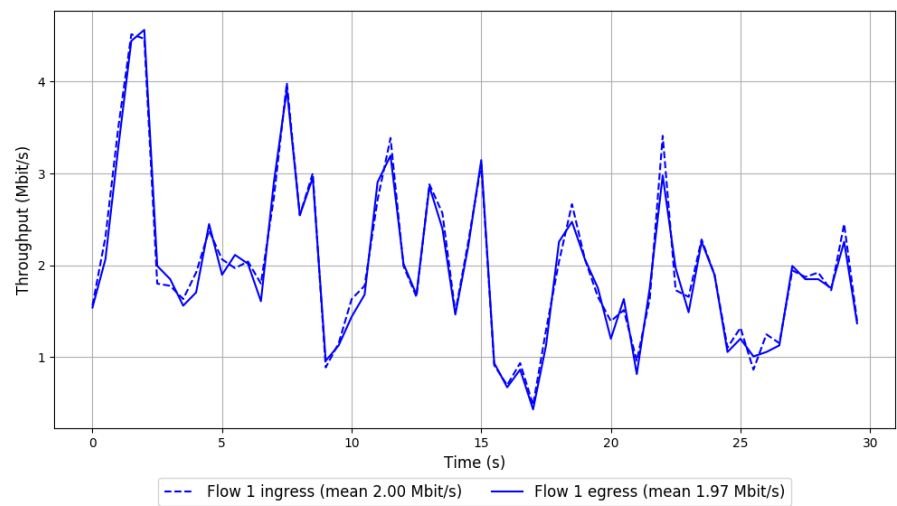


Run 4: Statistics of TCP Vegas

Start at: 2018-04-03 06:10:13
End at: 2018-04-03 06:10:43
Local clock offset: 0.073 ms
Remote clock offset: -4.058 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 48.899 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 48.899 ms
Loss rate: 1.78%

Run 4: Report of TCP Vegas — Data Link

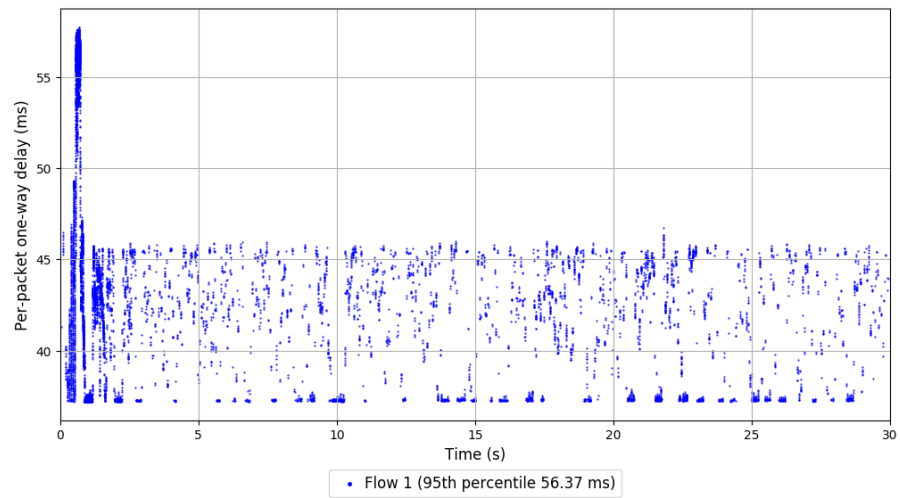
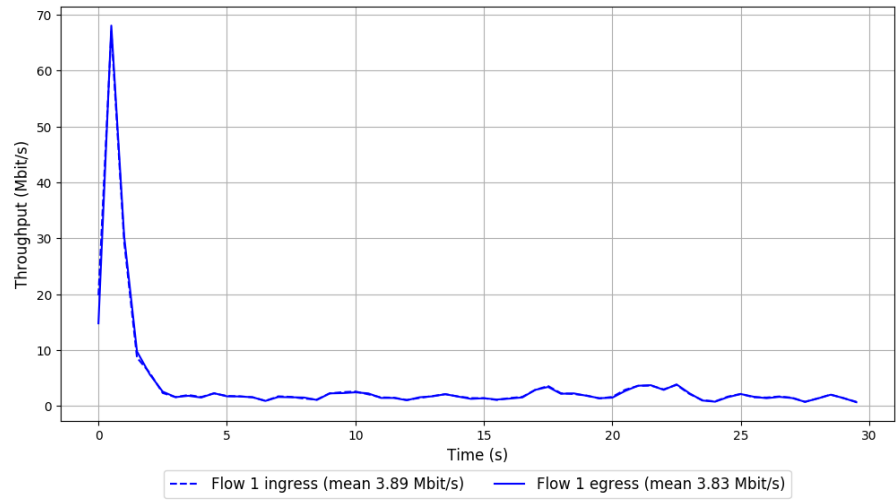


Run 5: Statistics of TCP Vegas

Start at: 2018-04-03 06:38:53
End at: 2018-04-03 06:39:23
Local clock offset: 0.136 ms
Remote clock offset: -1.225 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 56.372 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 56.372 ms
Loss rate: 1.56%

Run 5: Report of TCP Vegas — Data Link

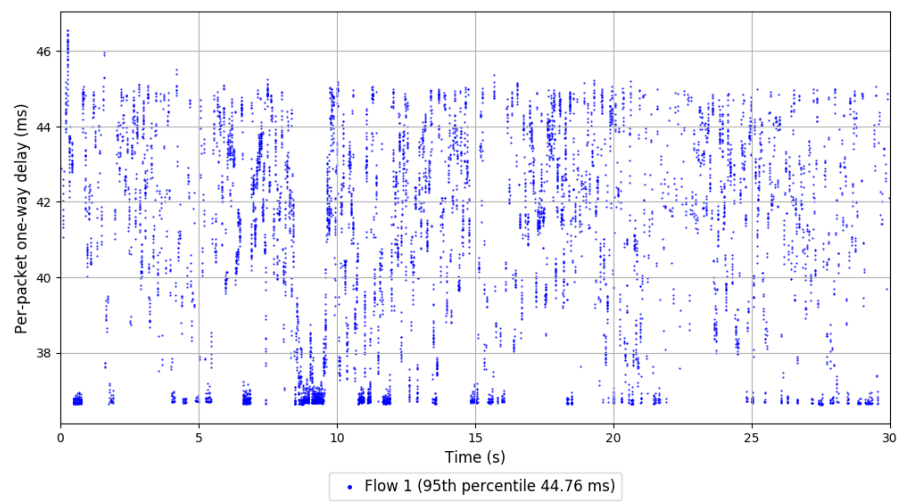
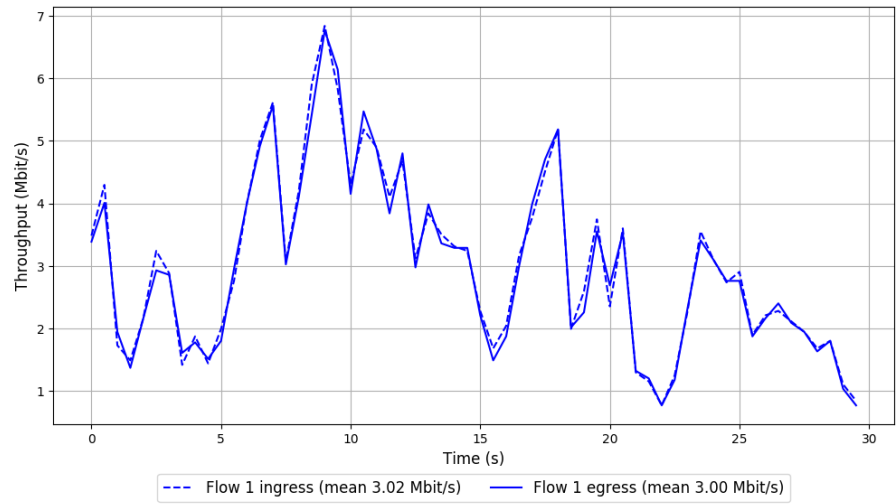


Run 6: Statistics of TCP Vegas

Start at: 2018-04-03 07:07:43
End at: 2018-04-03 07:08:13
Local clock offset: 0.207 ms
Remote clock offset: -1.754 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 44.758 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 44.758 ms
Loss rate: 1.07%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-04-03 07:35:47

End at: 2018-04-03 07:36:17

Local clock offset: 0.108 ms

Remote clock offset: -5.71 ms

Below is generated by plot.py at 2018-04-03 13:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.54 Mbit/s

95th percentile per-packet one-way delay: 47.401 ms

Loss rate: 0.93%

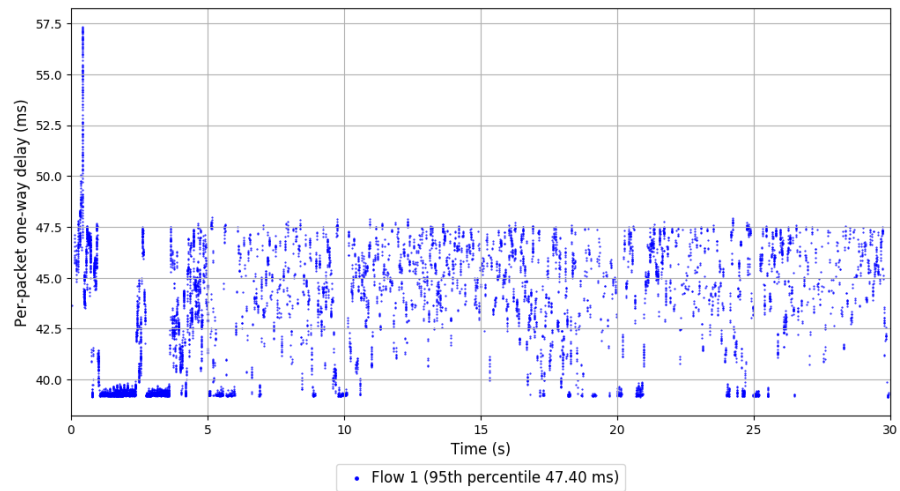
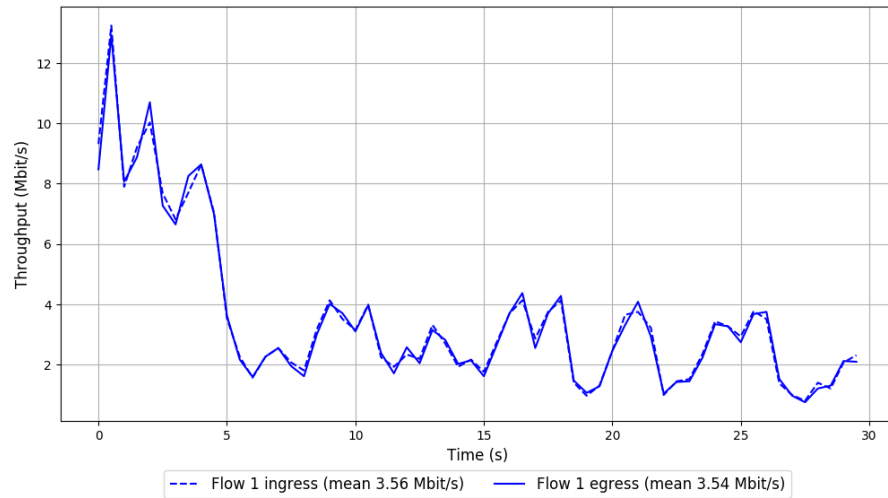
-- Flow 1:

Average throughput: 3.54 Mbit/s

95th percentile per-packet one-way delay: 47.401 ms

Loss rate: 0.93%

Run 7: Report of TCP Vegas — Data Link

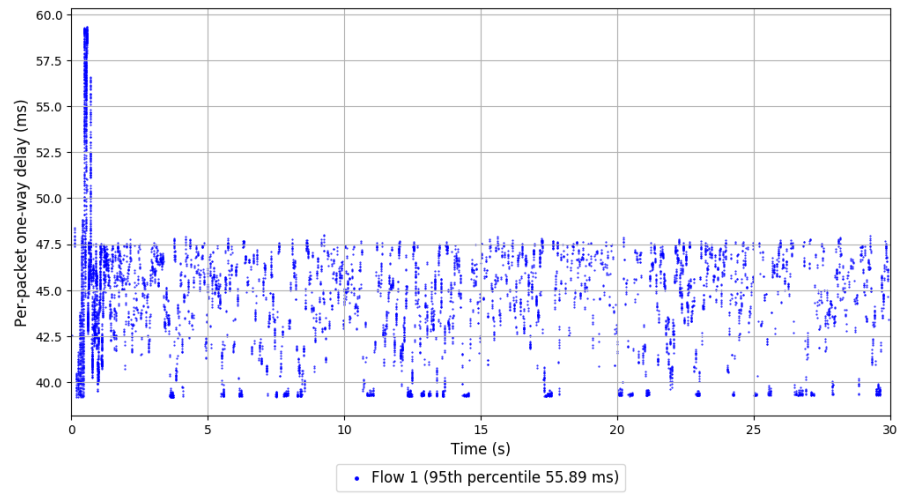
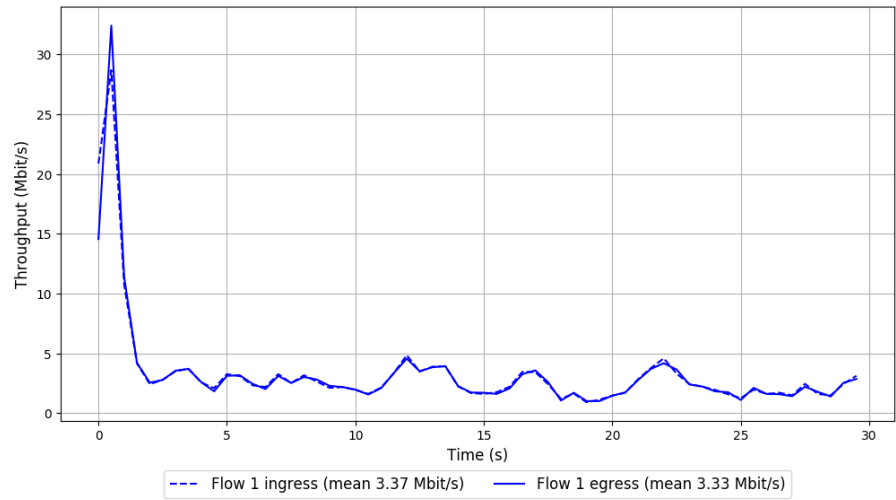


Run 8: Statistics of TCP Vegas

Start at: 2018-04-03 08:04:20
End at: 2018-04-03 08:04:50
Local clock offset: -0.357 ms
Remote clock offset: -7.151 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 55.887 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 55.887 ms
Loss rate: 1.57%

Run 8: Report of TCP Vegas — Data Link

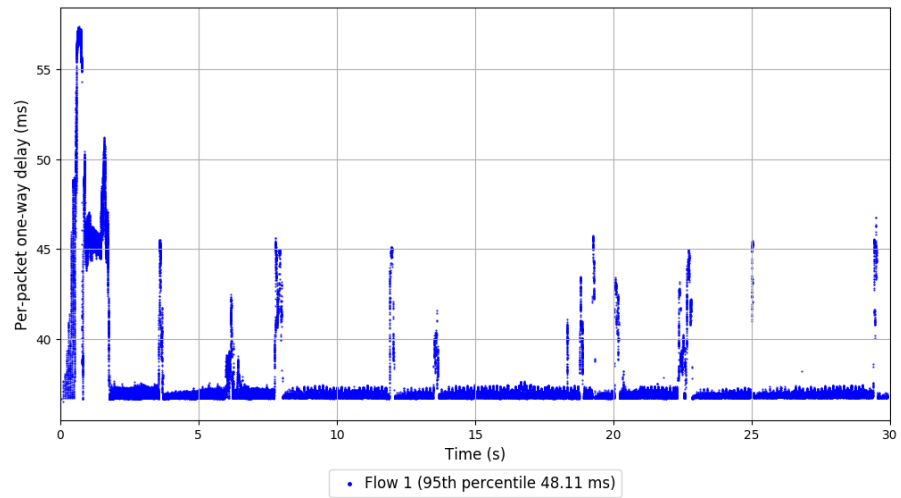
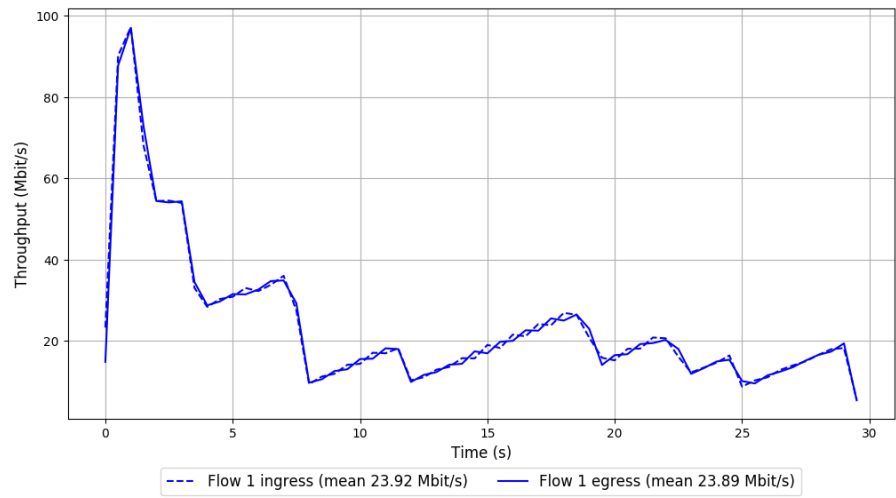


Run 9: Statistics of TCP Vegas

Start at: 2018-04-03 08:28:56
End at: 2018-04-03 08:29:26
Local clock offset: -0.35 ms
Remote clock offset: -3.086 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 48.112 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 48.112 ms
Loss rate: 0.34%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-04-03 08:53:25

End at: 2018-04-03 08:53:55

Local clock offset: -0.262 ms

Remote clock offset: -3.233 ms

Below is generated by plot.py at 2018-04-03 13:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.15 Mbit/s

95th percentile per-packet one-way delay: 43.827 ms

Loss rate: 0.51%

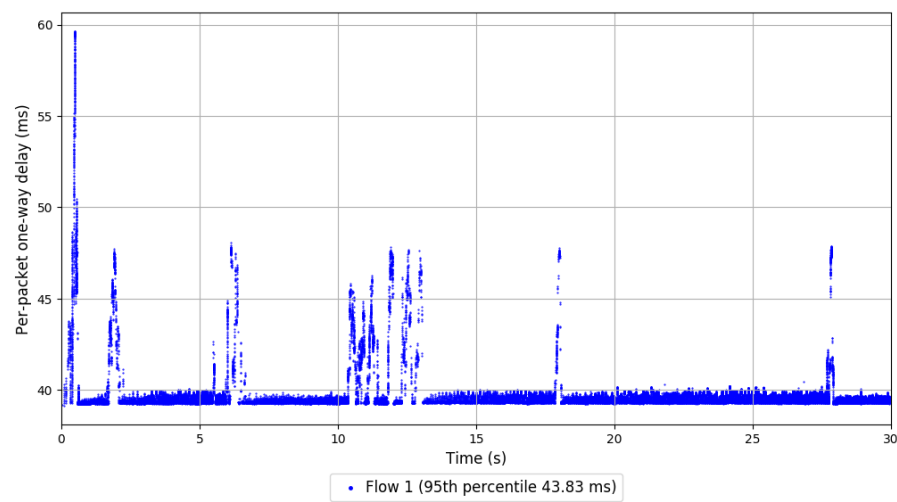
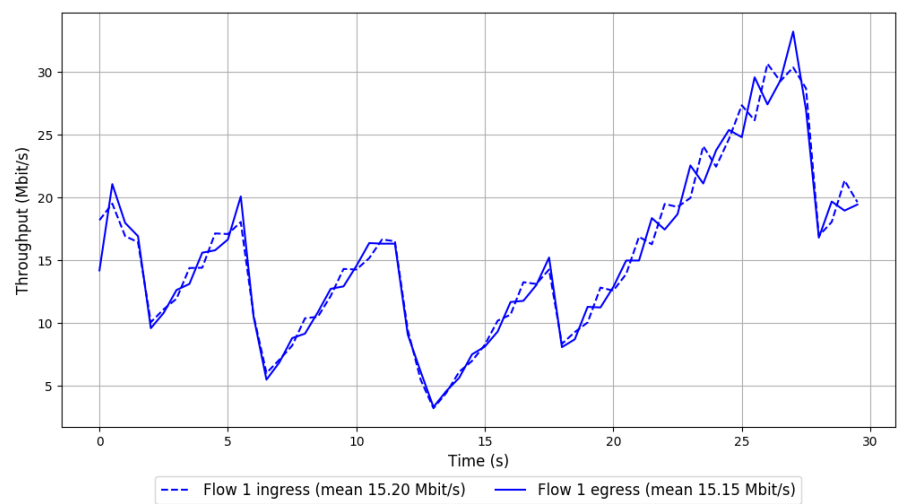
-- Flow 1:

Average throughput: 15.15 Mbit/s

95th percentile per-packet one-way delay: 43.827 ms

Loss rate: 0.51%

Run 10: Report of TCP Vegas — Data Link

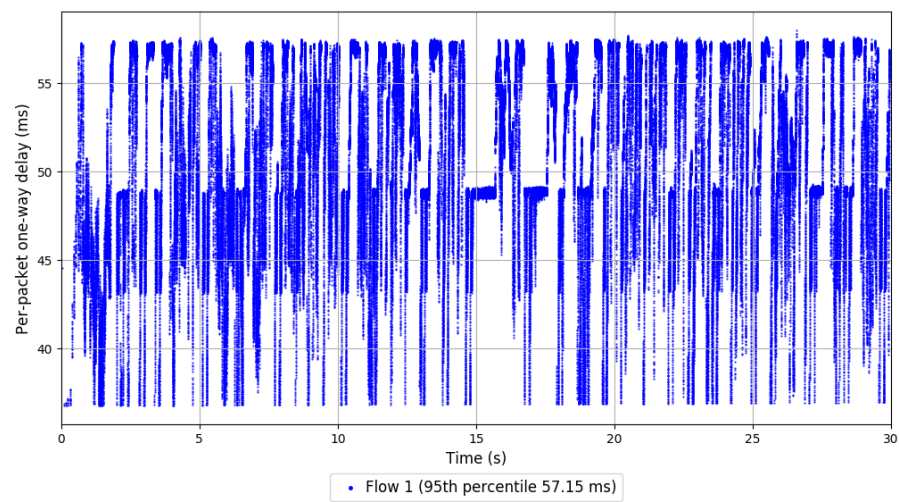
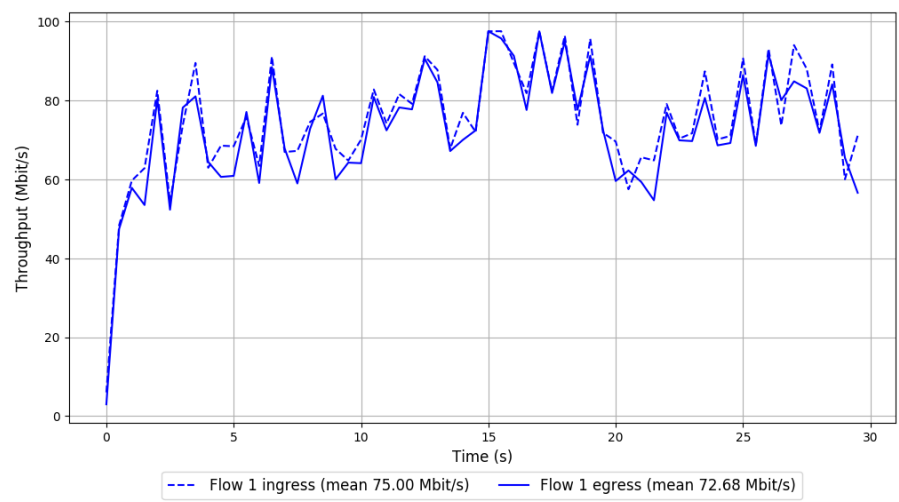


Run 1: Statistics of Verus

Start at: 2018-04-03 04:41:59
End at: 2018-04-03 04:42:29
Local clock offset: 0.408 ms
Remote clock offset: -4.363 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.68 Mbit/s
95th percentile per-packet one-way delay: 57.152 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 72.68 Mbit/s
95th percentile per-packet one-way delay: 57.152 ms
Loss rate: 3.36%

Run 1: Report of Verus — Data Link

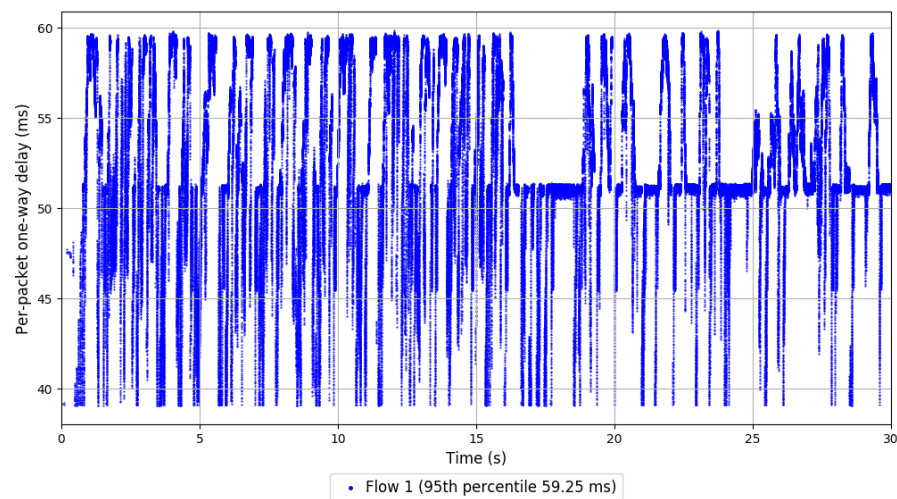
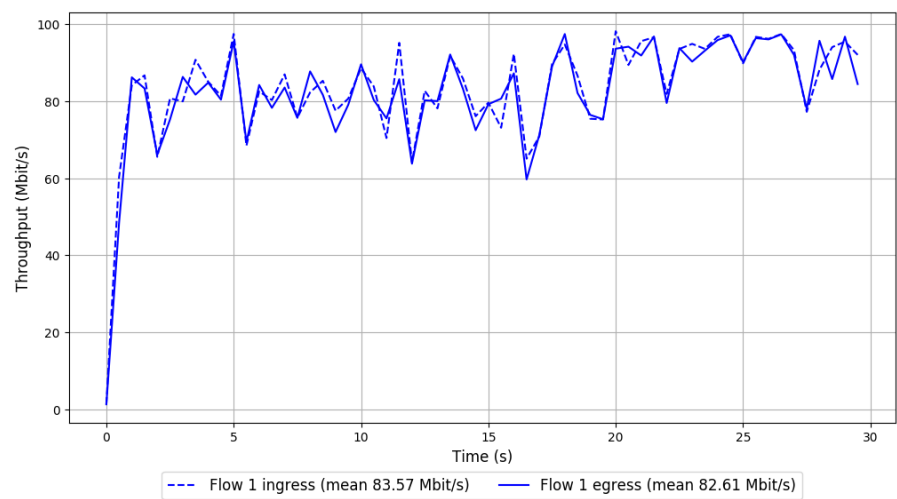


Run 2: Statistics of Verus

Start at: 2018-04-03 05:10:46
End at: 2018-04-03 05:11:16
Local clock offset: 0.178 ms
Remote clock offset: -3.001 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.61 Mbit/s
95th percentile per-packet one-way delay: 59.254 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 82.61 Mbit/s
95th percentile per-packet one-way delay: 59.254 ms
Loss rate: 1.39%

Run 2: Report of Verus — Data Link

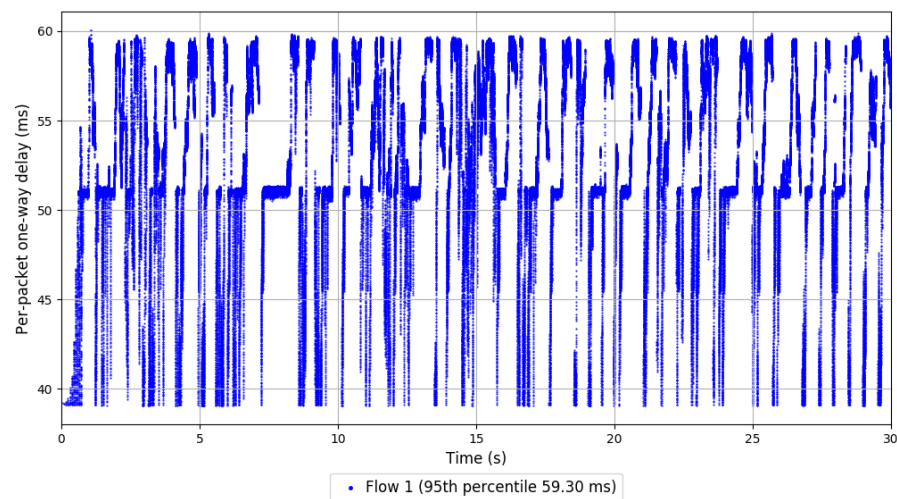
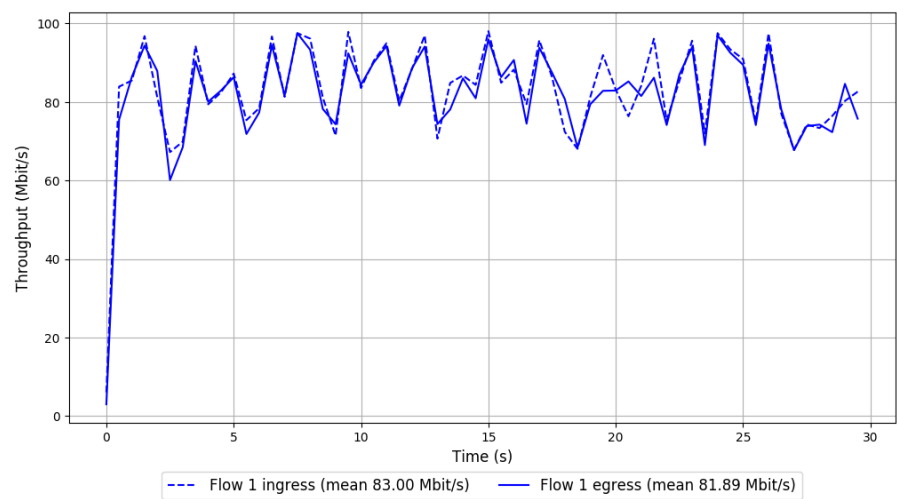


Run 3: Statistics of Verus

Start at: 2018-04-03 05:37:14
End at: 2018-04-03 05:37:44
Local clock offset: 0.075 ms
Remote clock offset: -3.453 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.89 Mbit/s
95th percentile per-packet one-way delay: 59.295 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 81.89 Mbit/s
95th percentile per-packet one-way delay: 59.295 ms
Loss rate: 1.41%

Run 3: Report of Verus — Data Link

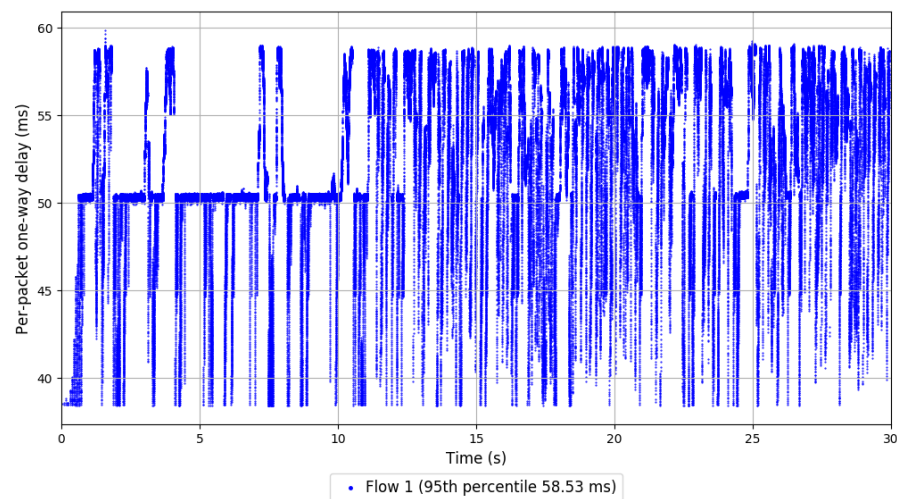
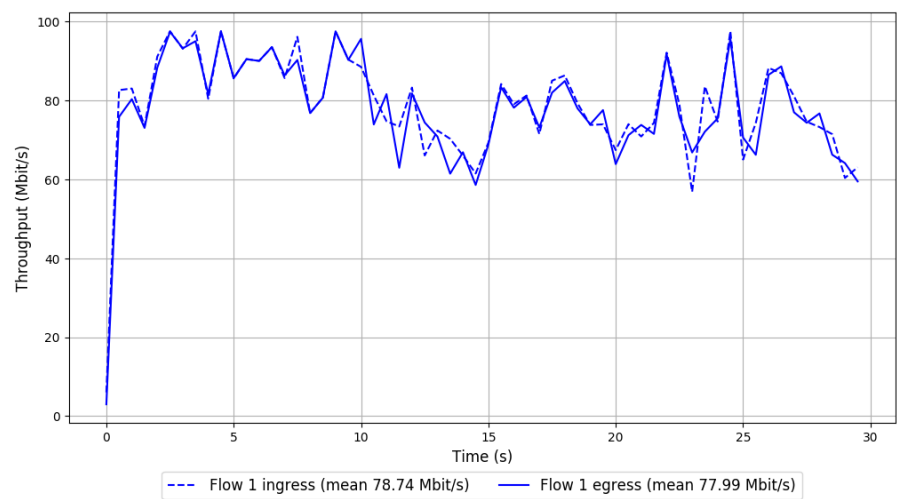


Run 4: Statistics of Verus

Start at: 2018-04-03 06:02:03
End at: 2018-04-03 06:02:33
Local clock offset: 0.067 ms
Remote clock offset: -1.882 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.99 Mbit/s
95th percentile per-packet one-way delay: 58.528 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 77.99 Mbit/s
95th percentile per-packet one-way delay: 58.528 ms
Loss rate: 1.17%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-04-03 06:30:18

End at: 2018-04-03 06:30:48

Local clock offset: 0.01 ms

Remote clock offset: -3.47 ms

Below is generated by plot.py at 2018-04-03 13:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.03 Mbit/s

95th percentile per-packet one-way delay: 60.479 ms

Loss rate: 1.46%

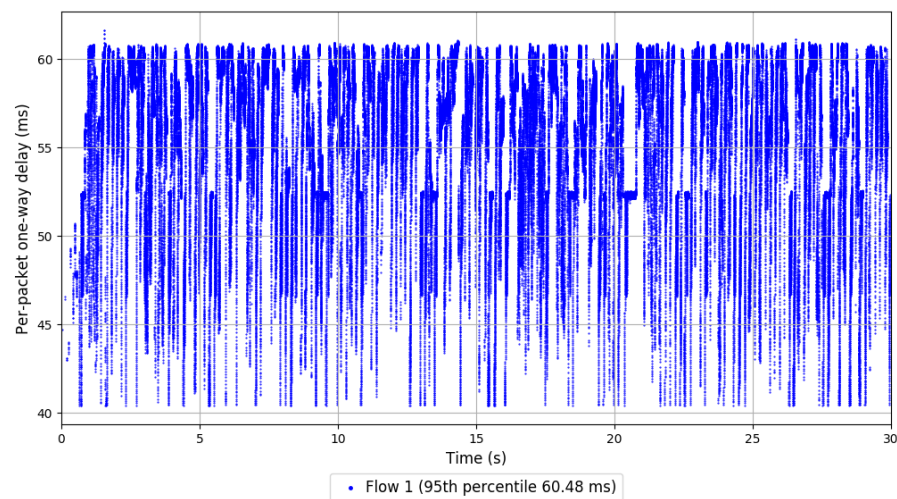
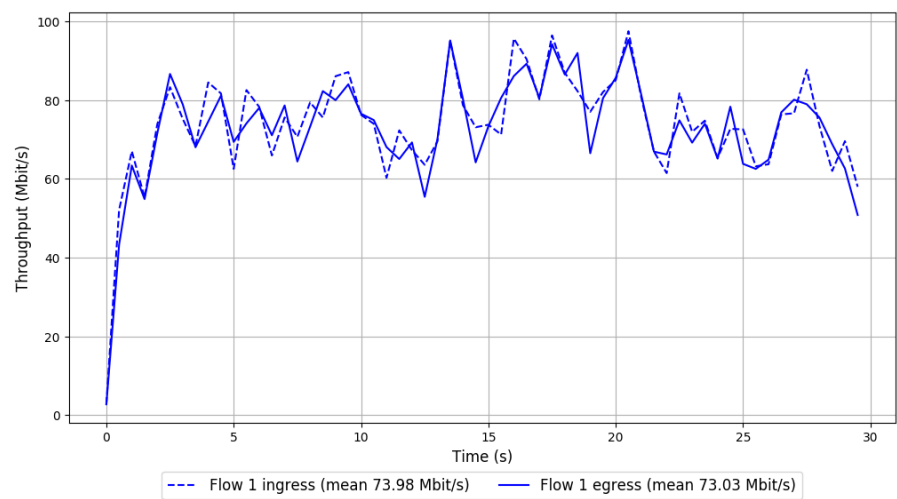
-- Flow 1:

Average throughput: 73.03 Mbit/s

95th percentile per-packet one-way delay: 60.479 ms

Loss rate: 1.46%

Run 5: Report of Verus — Data Link

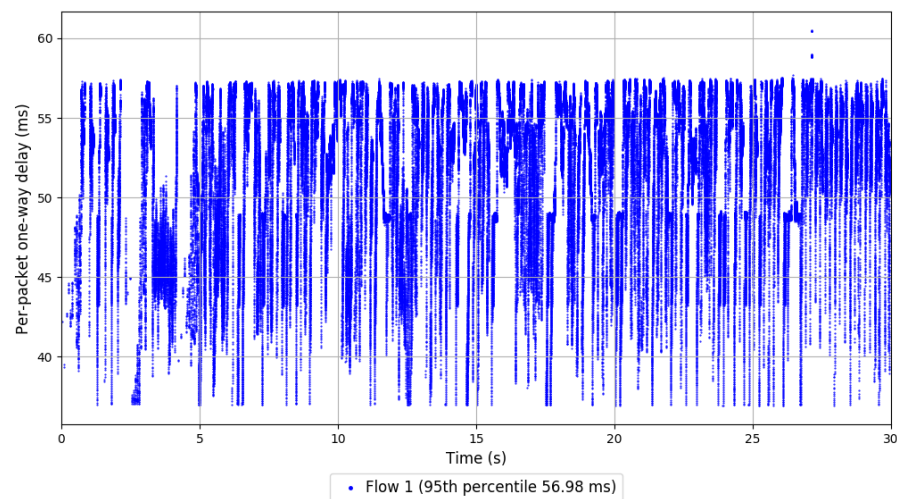
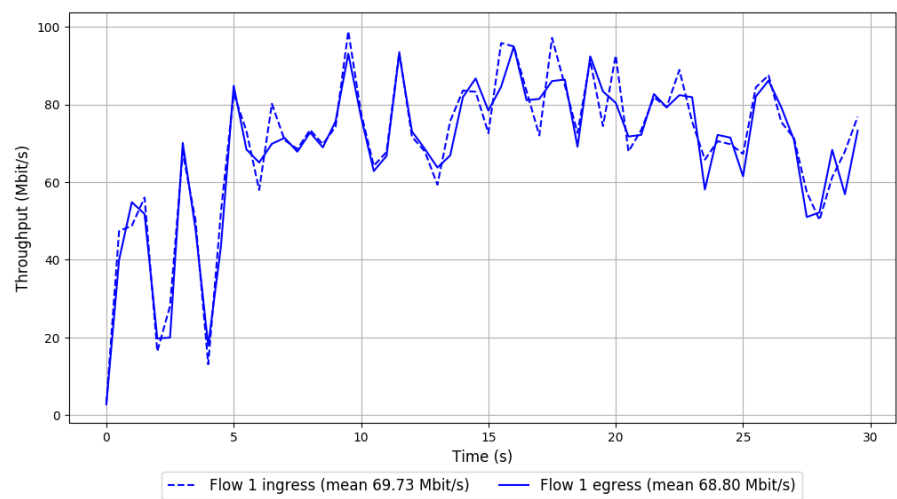


Run 6: Statistics of Verus

Start at: 2018-04-03 06:59:18
End at: 2018-04-03 06:59:48
Local clock offset: 0.086 ms
Remote clock offset: -1.481 ms

Below is generated by plot.py at 2018-04-03 13:18:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 56.978 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 56.978 ms
Loss rate: 1.54%

Run 6: Report of Verus — Data Link

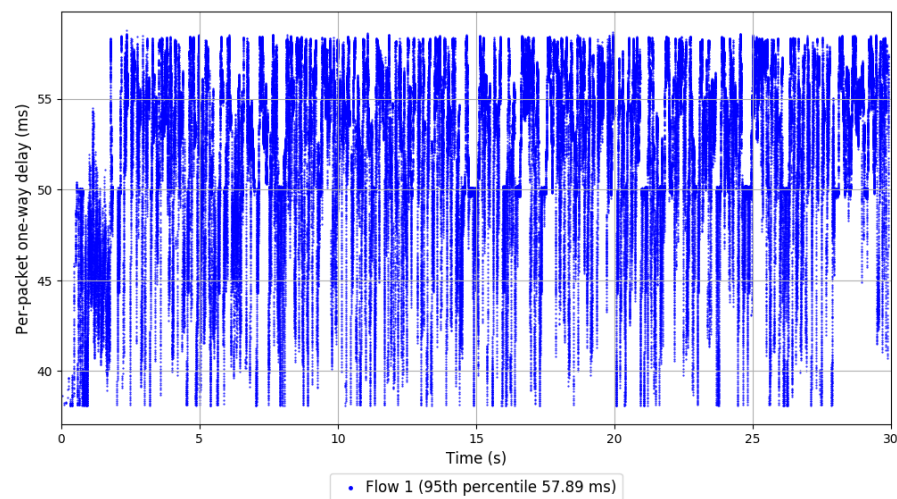
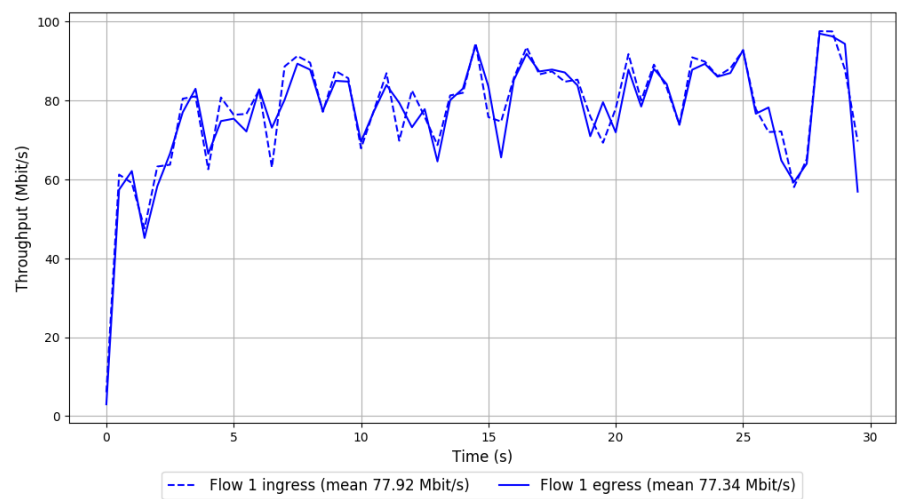


Run 7: Statistics of Verus

Start at: 2018-04-03 07:27:21
End at: 2018-04-03 07:27:51
Local clock offset: 0.348 ms
Remote clock offset: -1.681 ms

Below is generated by plot.py at 2018-04-03 13:18:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.34 Mbit/s
95th percentile per-packet one-way delay: 57.894 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 77.34 Mbit/s
95th percentile per-packet one-way delay: 57.894 ms
Loss rate: 1.06%

Run 7: Report of Verus — Data Link

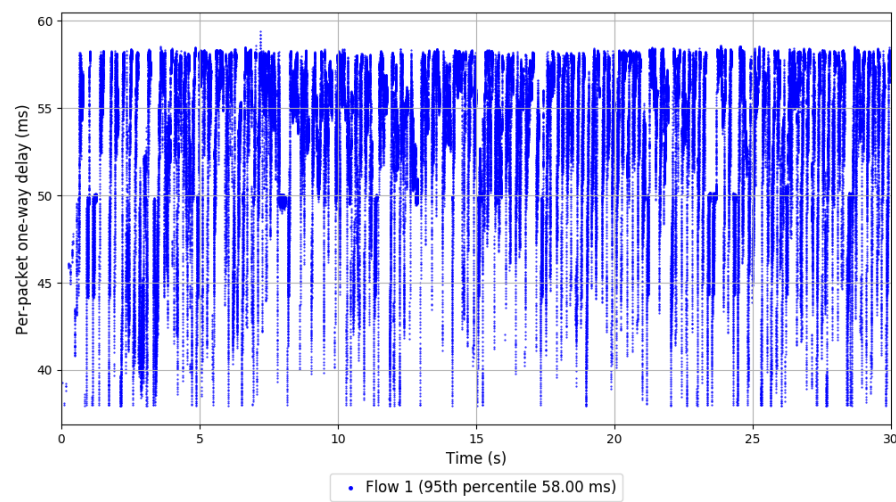
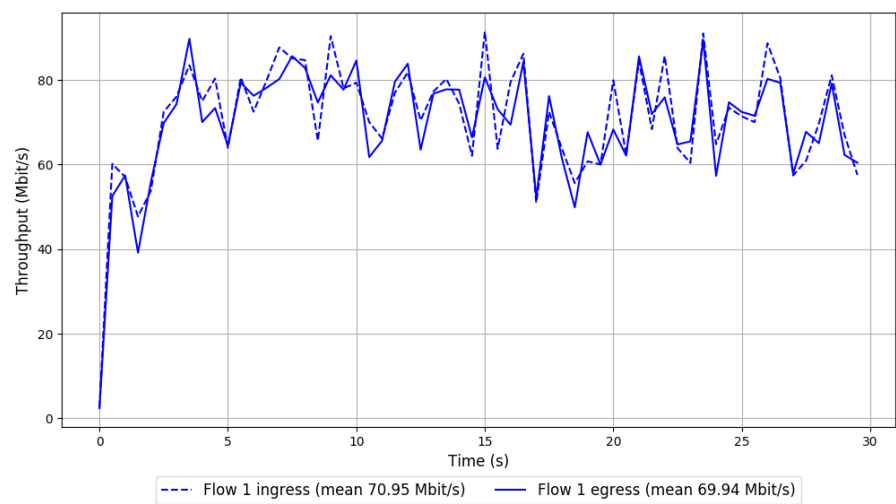


Run 8: Statistics of Verus

Start at: 2018-04-03 07:55:30
End at: 2018-04-03 07:56:00
Local clock offset: -0.298 ms
Remote clock offset: -4.567 ms

Below is generated by plot.py at 2018-04-03 13:18:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.94 Mbit/s
95th percentile per-packet one-way delay: 58.003 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 69.94 Mbit/s
95th percentile per-packet one-way delay: 58.003 ms
Loss rate: 1.64%

Run 8: Report of Verus — Data Link

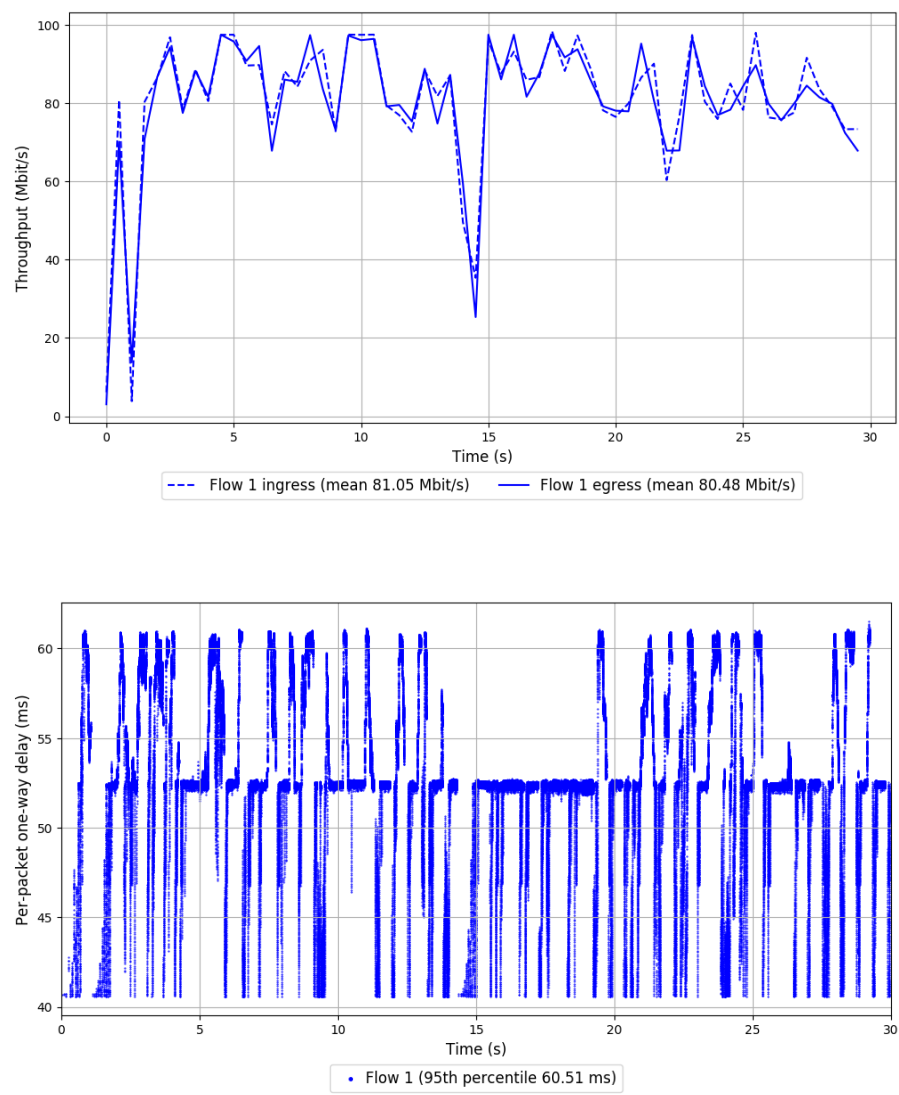


Run 9: Statistics of Verus

Start at: 2018-04-03 08:21:57
End at: 2018-04-03 08:22:27
Local clock offset: -0.369 ms
Remote clock offset: -5.819 ms

Below is generated by plot.py at 2018-04-03 13:19:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.48 Mbit/s
95th percentile per-packet one-way delay: 60.513 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 80.48 Mbit/s
95th percentile per-packet one-way delay: 60.513 ms
Loss rate: 0.93%

Run 9: Report of Verus — Data Link

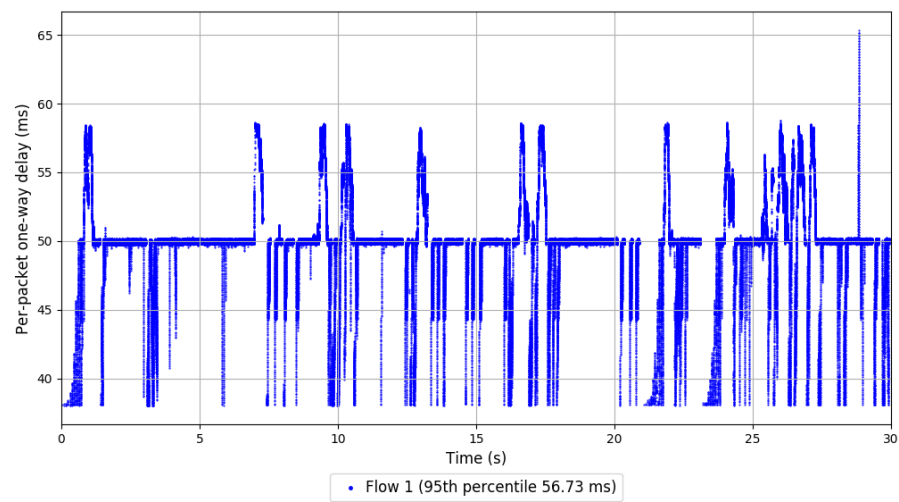
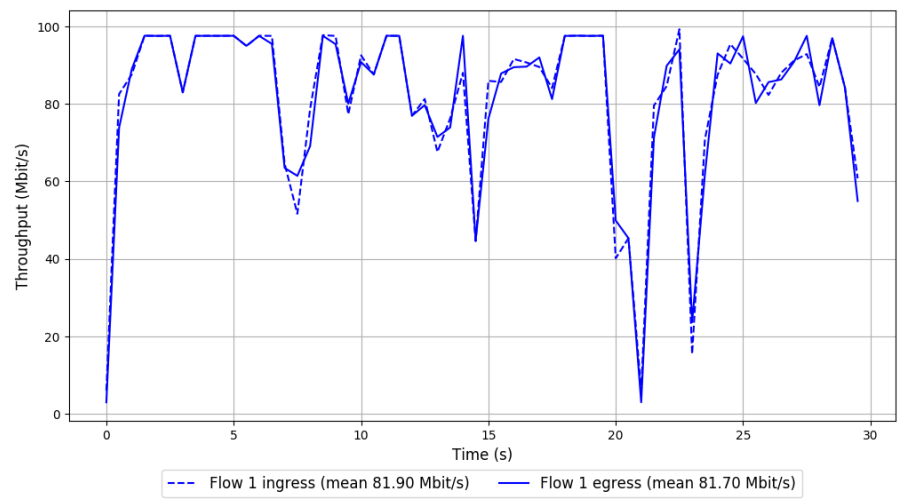


Run 10: Statistics of Verus

Start at: 2018-04-03 08:46:43
End at: 2018-04-03 08:47:13
Local clock offset: -0.421 ms
Remote clock offset: -1.253 ms

Below is generated by plot.py at 2018-04-03 13:19:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.70 Mbit/s
95th percentile per-packet one-way delay: 56.725 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 81.70 Mbit/s
95th percentile per-packet one-way delay: 56.725 ms
Loss rate: 0.49%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-04-03 04:52:58
End at: 2018-04-03 04:53:28
Local clock offset: 0.367 ms
Remote clock offset: -2.247 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.79 Mbit/s

95th percentile per-packet one-way delay: 55.182 ms

Loss rate: 2.38%

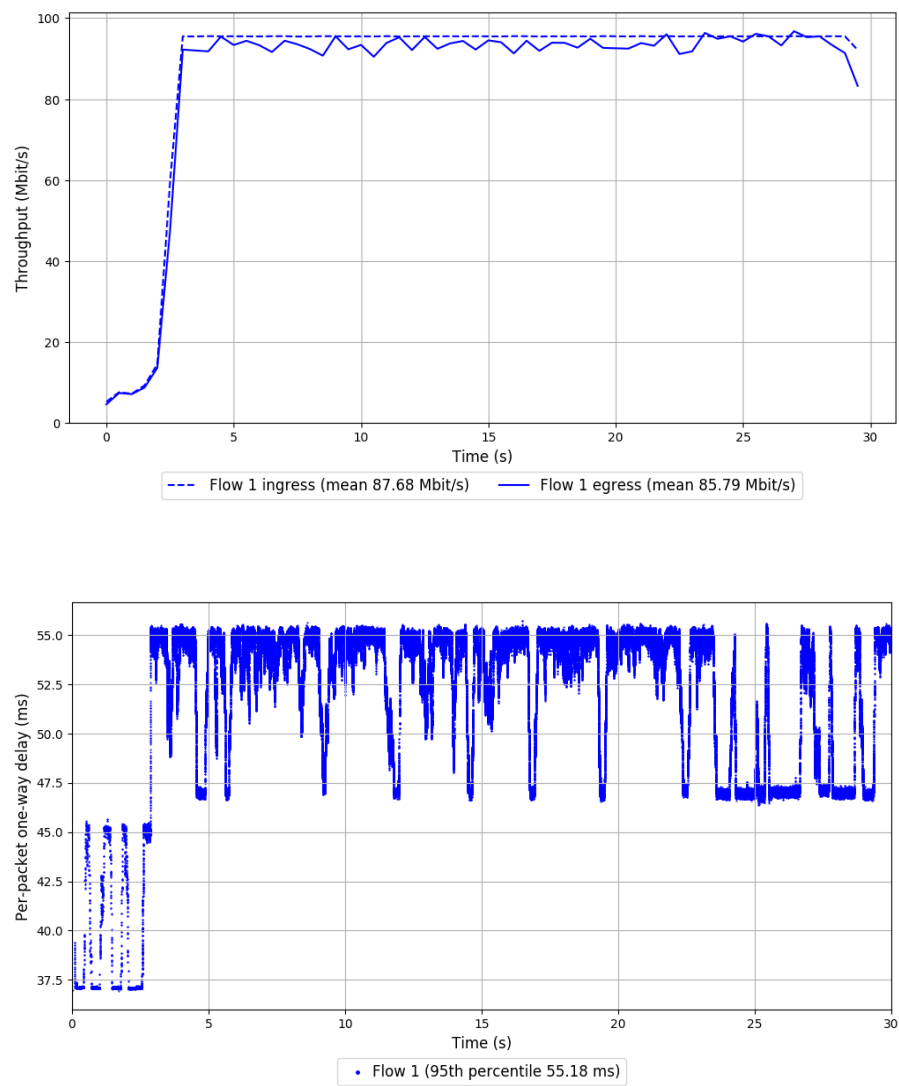
-- Flow 1:

Average throughput: 85.79 Mbit/s

95th percentile per-packet one-way delay: 55.182 ms

Loss rate: 2.38%

Run 1: Report of Copa — Data Link

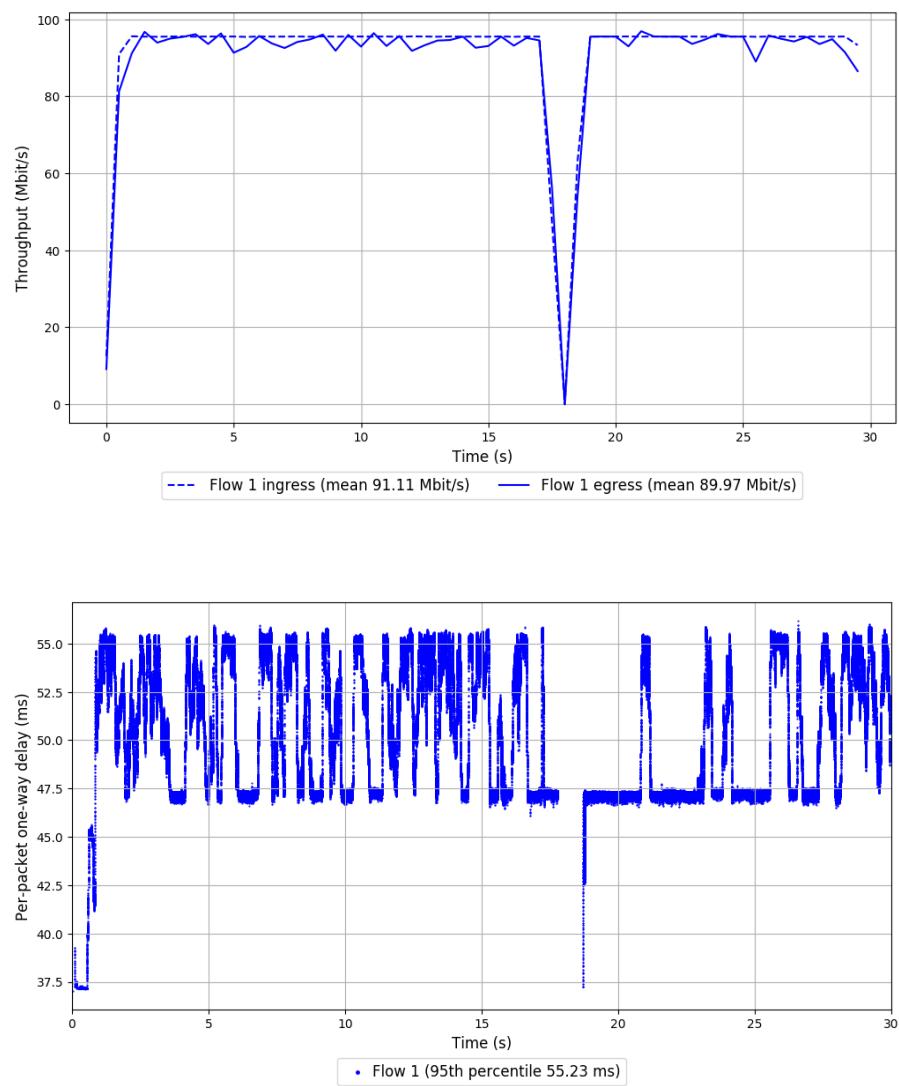


Run 2: Statistics of Copa

Start at: 2018-04-03 05:20:41
End at: 2018-04-03 05:21:11
Local clock offset: 0.231 ms
Remote clock offset: -1.326 ms

Below is generated by plot.py at 2018-04-03 13:20:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 55.228 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 55.228 ms
Loss rate: 1.48%

Run 2: Report of Copa — Data Link

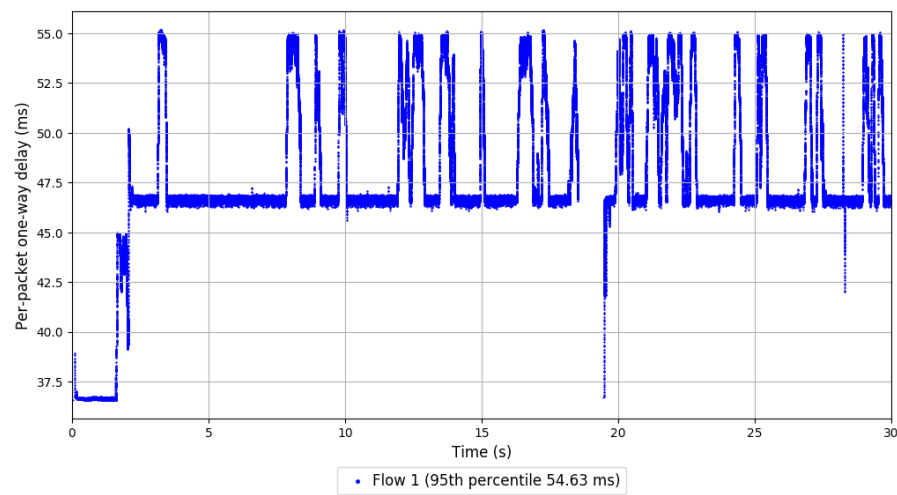
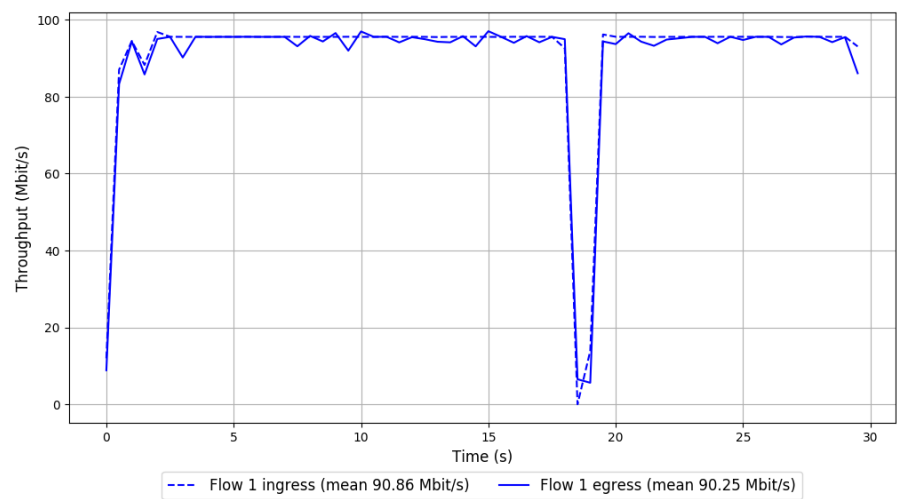


Run 3: Statistics of Copa

Start at: 2018-04-03 05:46:42
End at: 2018-04-03 05:47:12
Local clock offset: 0.07 ms
Remote clock offset: -0.732 ms

Below is generated by plot.py at 2018-04-03 13:20:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 54.634 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 90.25 Mbit/s
95th percentile per-packet one-way delay: 54.634 ms
Loss rate: 0.91%

Run 3: Report of Copa — Data Link

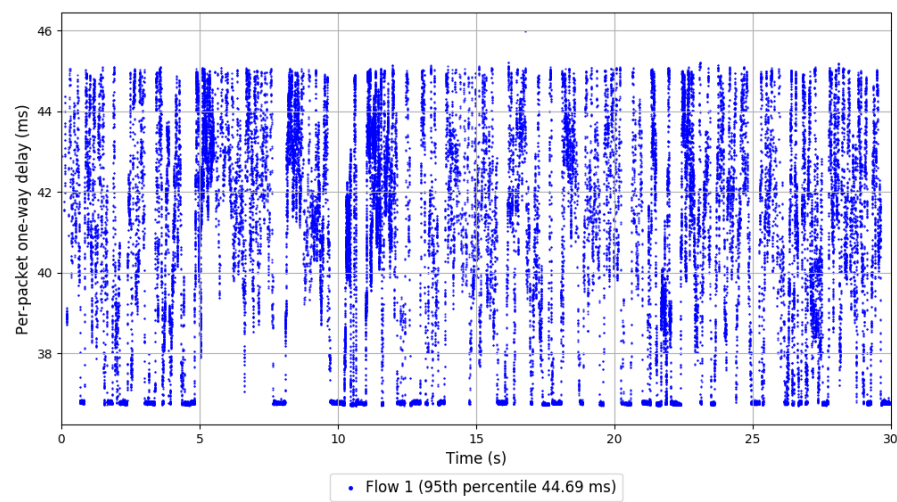
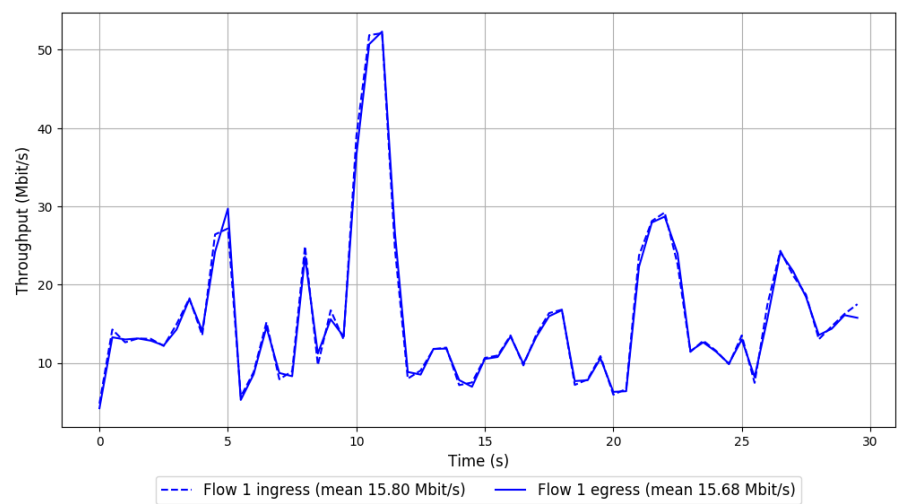


Run 4: Statistics of Copa

Start at: 2018-04-03 06:12:46
End at: 2018-04-03 06:13:16
Local clock offset: 0.074 ms
Remote clock offset: -1.583 ms

Below is generated by plot.py at 2018-04-03 13:20:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 44.688 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 44.688 ms
Loss rate: 0.95%

Run 4: Report of Copa — Data Link

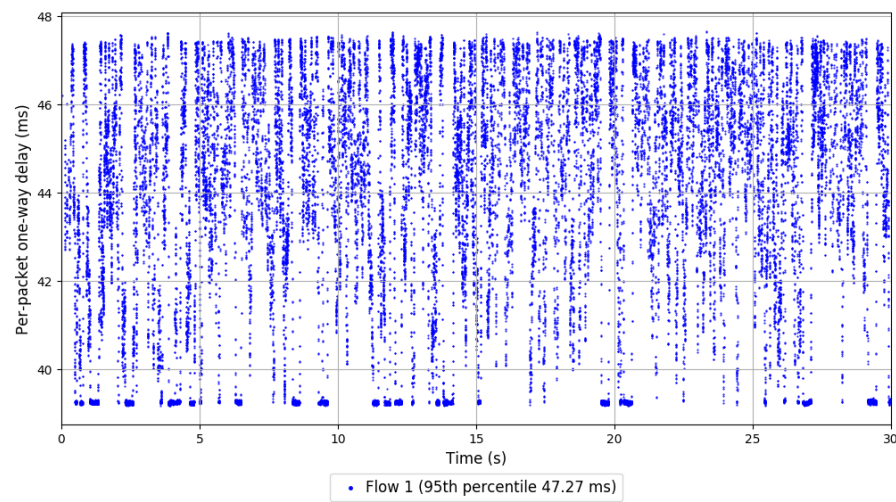
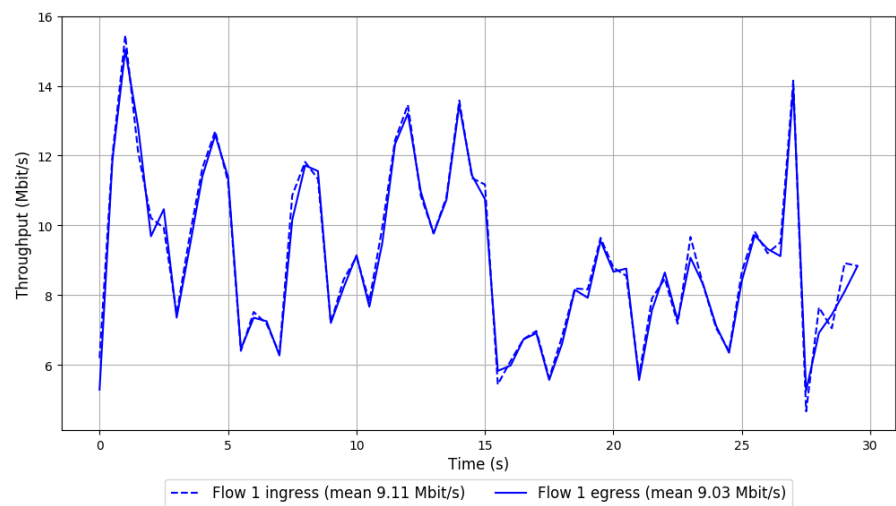


Run 5: Statistics of Copa

Start at: 2018-04-03 06:41:28
End at: 2018-04-03 06:41:58
Local clock offset: 0.119 ms
Remote clock offset: -3.186 ms

Below is generated by plot.py at 2018-04-03 13:20:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 47.270 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 47.270 ms
Loss rate: 1.13%

Run 5: Report of Copa — Data Link

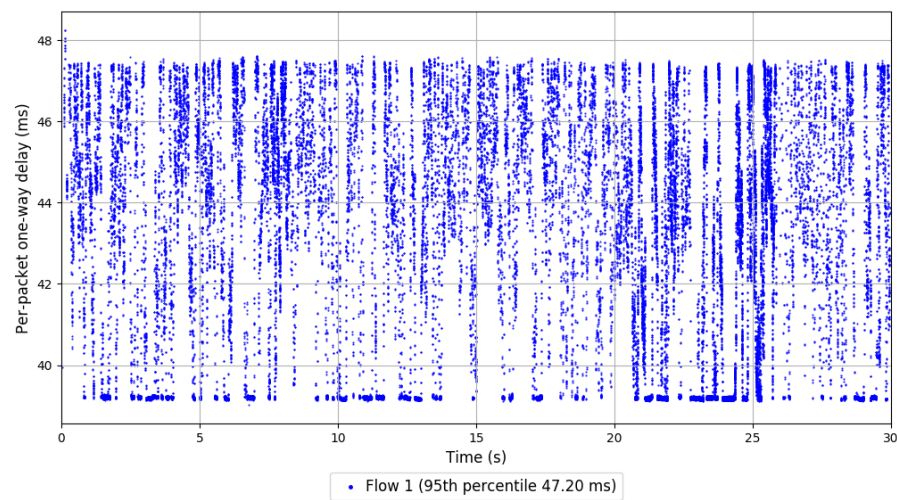
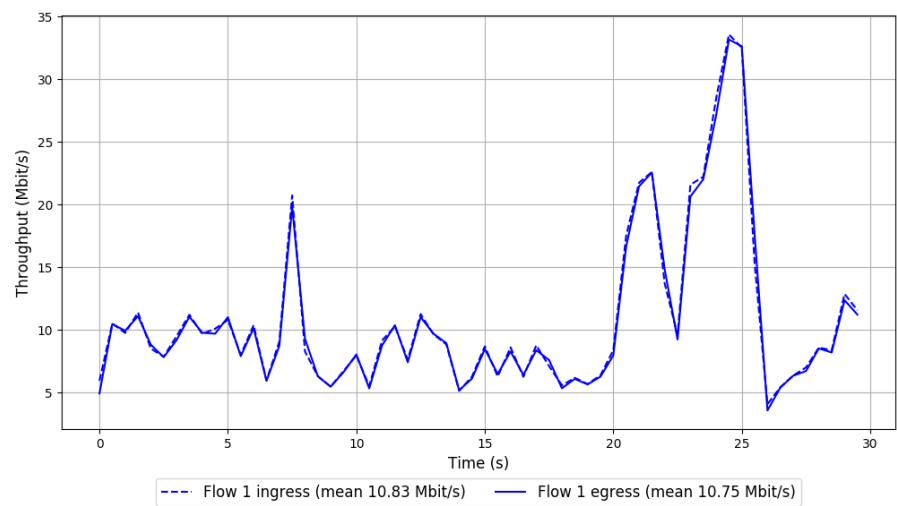


Run 6: Statistics of Copa

Start at: 2018-04-03 07:10:17
End at: 2018-04-03 07:10:47
Local clock offset: 0.192 ms
Remote clock offset: -4.428 ms

Below is generated by plot.py at 2018-04-03 13:20:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 47.196 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 47.196 ms
Loss rate: 1.05%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-04-03 07:38:22

End at: 2018-04-03 07:38:52

Local clock offset: -0.016 ms

Remote clock offset: -6.06 ms

Below is generated by plot.py at 2018-04-03 13:20:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.69 Mbit/s

95th percentile per-packet one-way delay: 48.704 ms

Loss rate: 0.95%

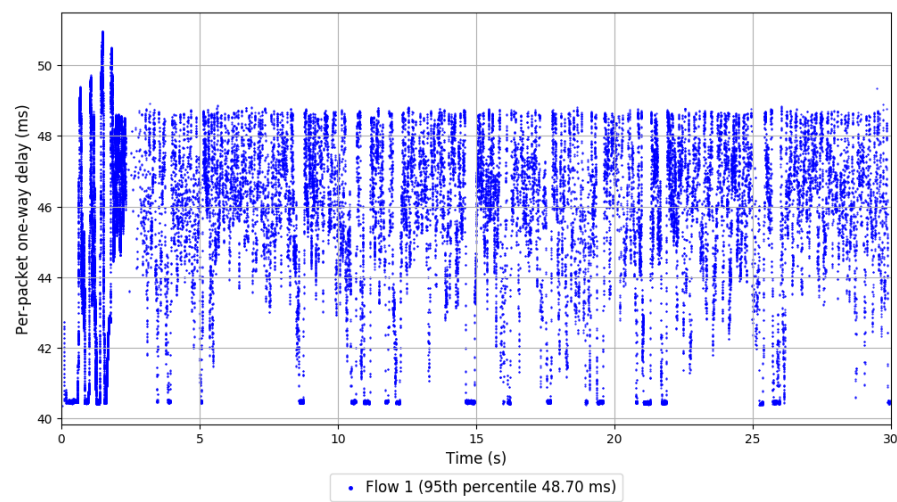
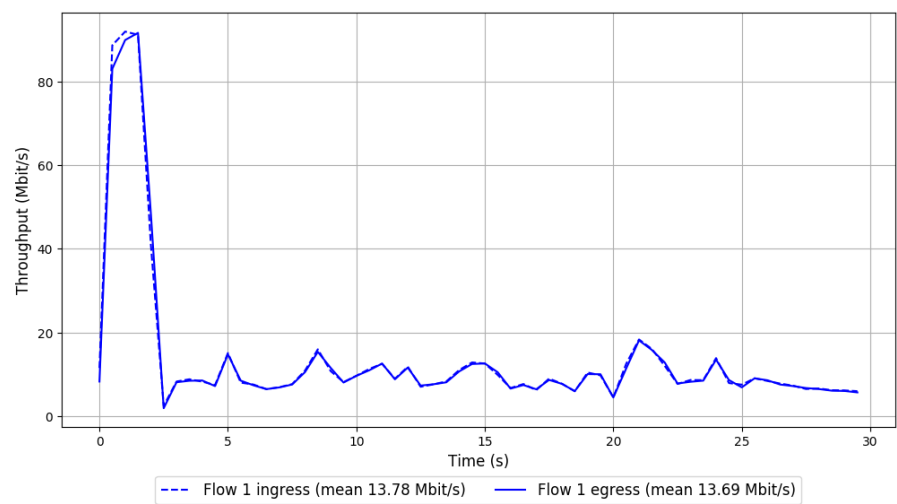
-- Flow 1:

Average throughput: 13.69 Mbit/s

95th percentile per-packet one-way delay: 48.704 ms

Loss rate: 0.95%

Run 7: Report of Copa — Data Link

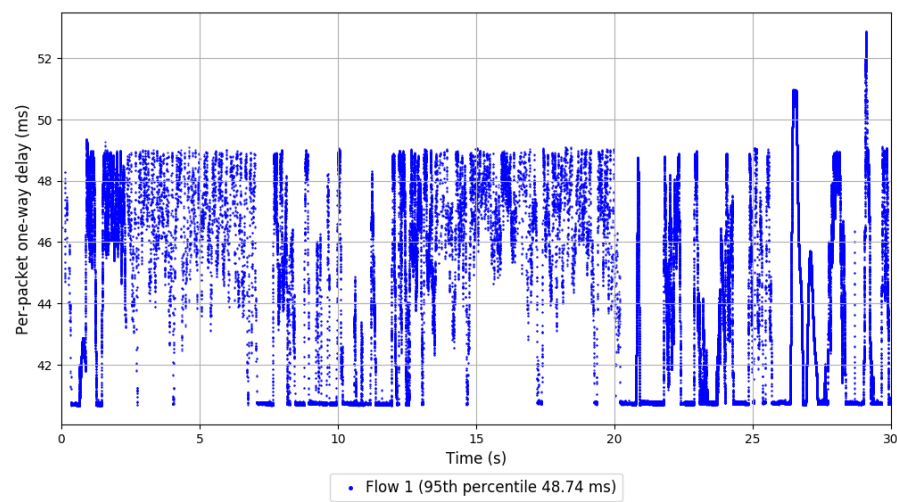
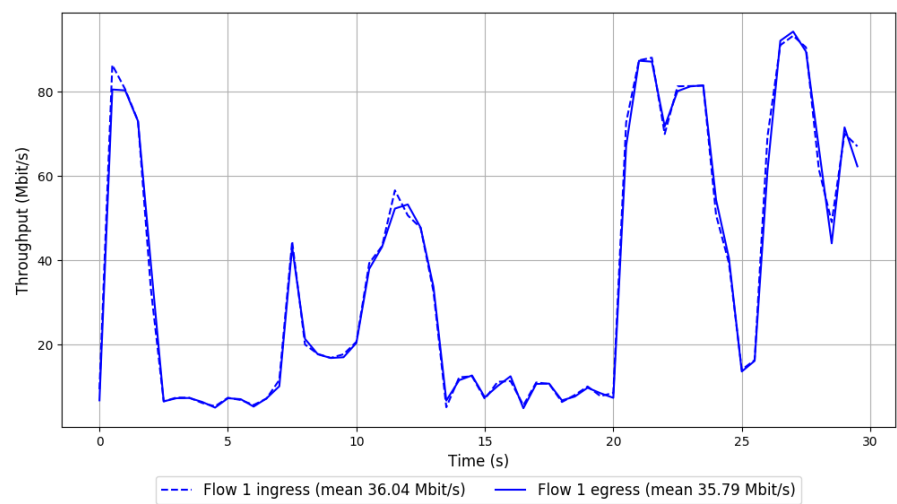


Run 8: Statistics of Copa

Start at: 2018-04-03 08:06:55
End at: 2018-04-03 08:07:25
Local clock offset: -0.267 ms
Remote clock offset: -6.782 ms

Below is generated by plot.py at 2018-04-03 13:20:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 48.742 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 48.742 ms
Loss rate: 0.93%

Run 8: Report of Copa — Data Link

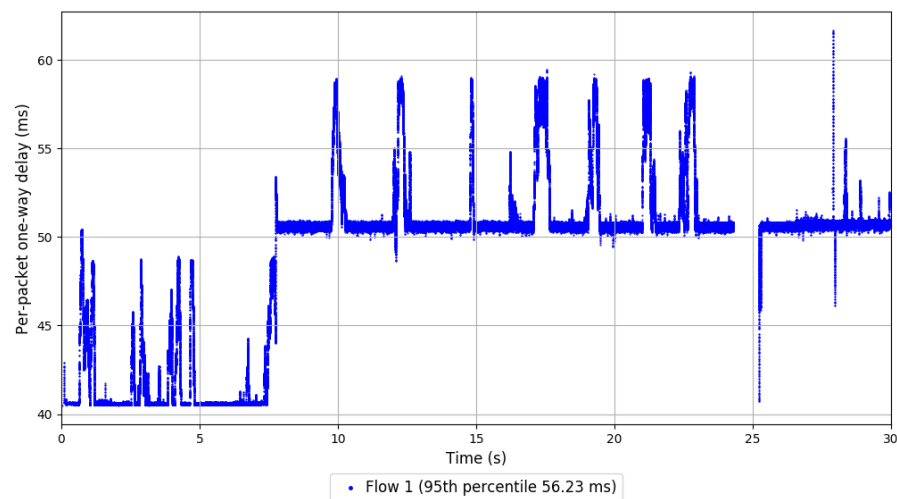
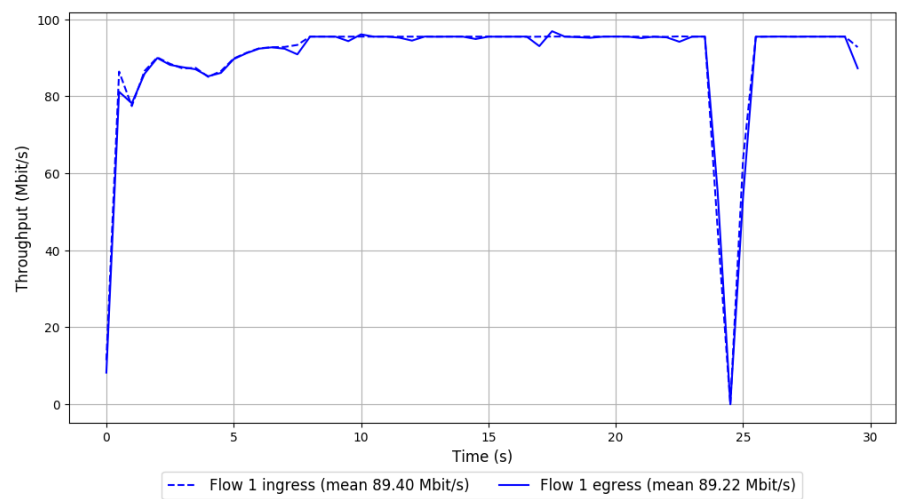


Run 9: Statistics of Copa

Start at: 2018-04-03 08:31:32
End at: 2018-04-03 08:32:02
Local clock offset: -0.492 ms
Remote clock offset: -5.488 ms

Below is generated by plot.py at 2018-04-03 13:21:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.22 Mbit/s
95th percentile per-packet one-way delay: 56.232 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 89.22 Mbit/s
95th percentile per-packet one-way delay: 56.232 ms
Loss rate: 0.45%

Run 9: Report of Copa — Data Link

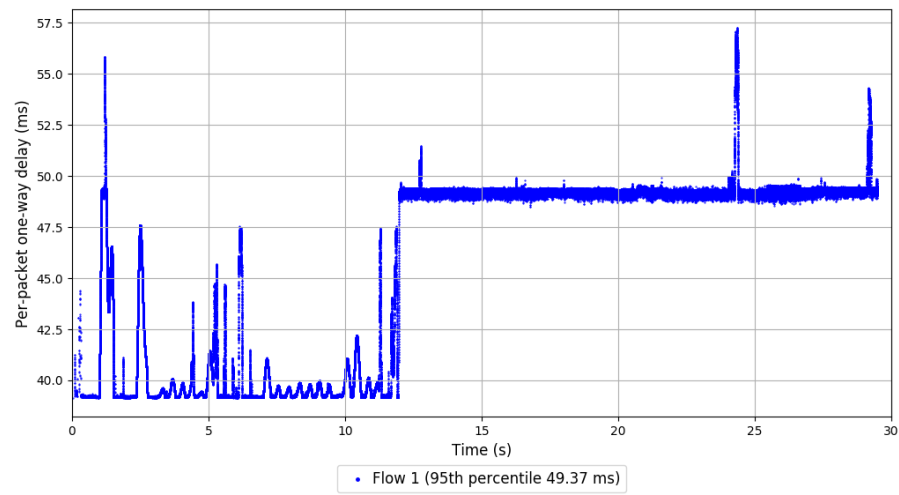
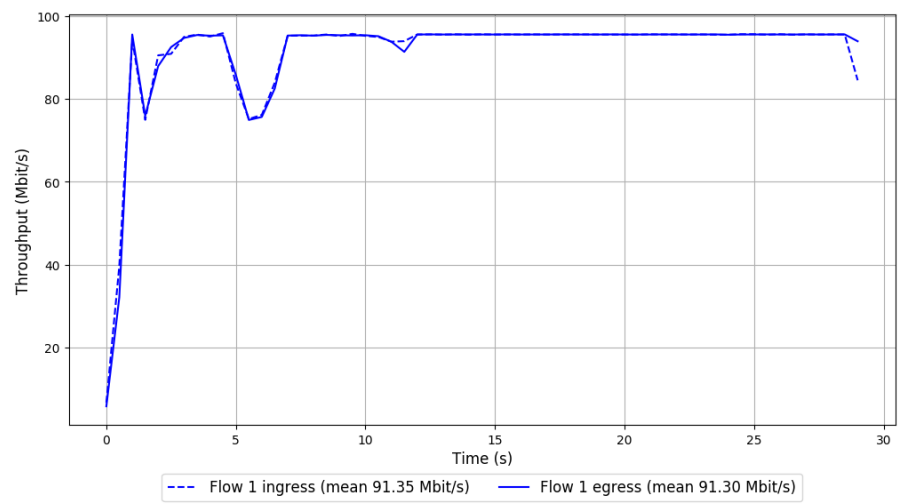


Run 10: Statistics of Copa

Start at: 2018-04-03 08:55:59
End at: 2018-04-03 08:56:29
Local clock offset: -0.279 ms
Remote clock offset: -3.088 ms

Below is generated by plot.py at 2018-04-03 13:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 49.369 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 49.369 ms
Loss rate: 0.02%

Run 10: Report of Copa — Data Link

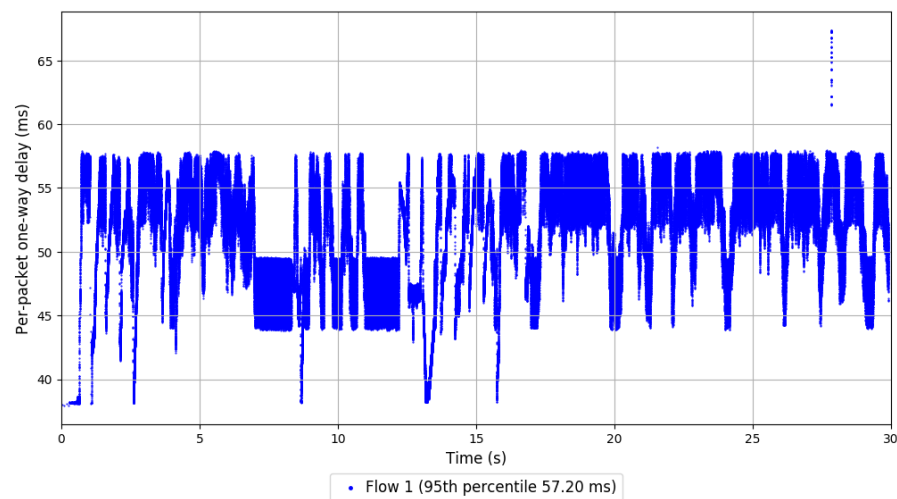
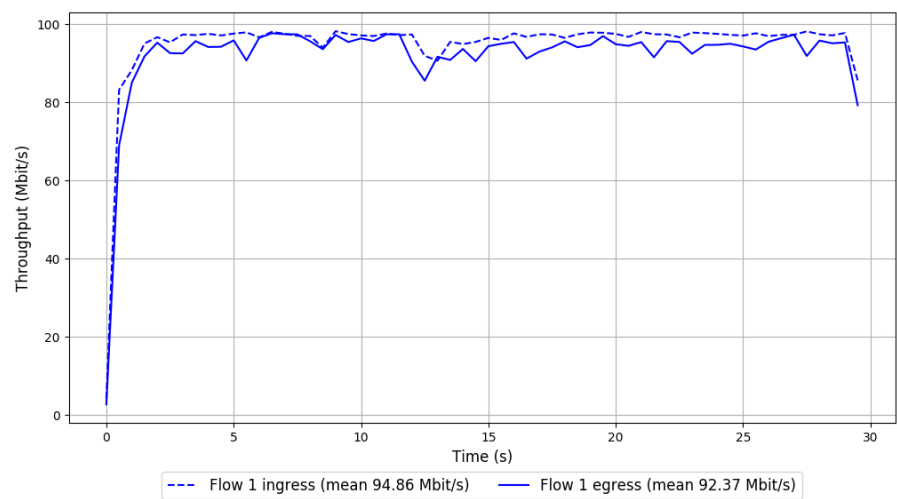


Run 1: Statistics of FillP

Start at: 2018-04-03 04:45:21
End at: 2018-04-03 04:45:51
Local clock offset: 0.277 ms
Remote clock offset: -3.289 ms

Below is generated by plot.py at 2018-04-03 13:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 57.205 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 57.205 ms
Loss rate: 2.86%

Run 1: Report of FillP — Data Link

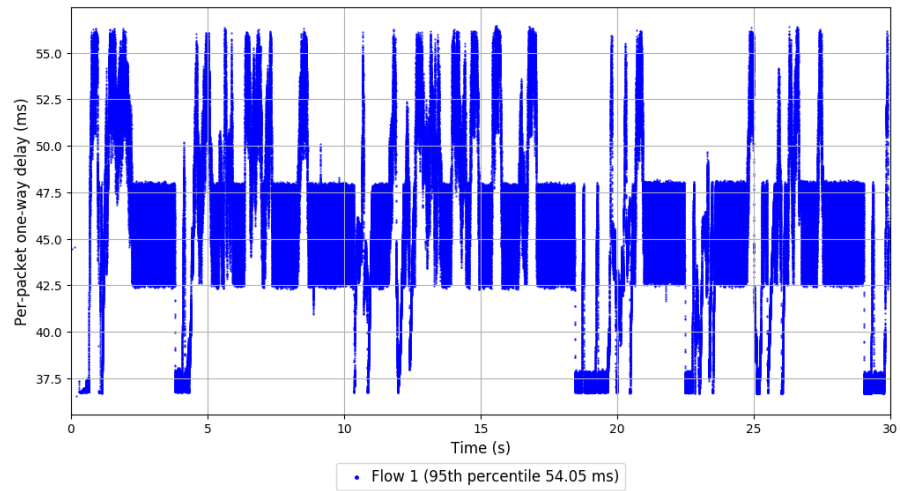
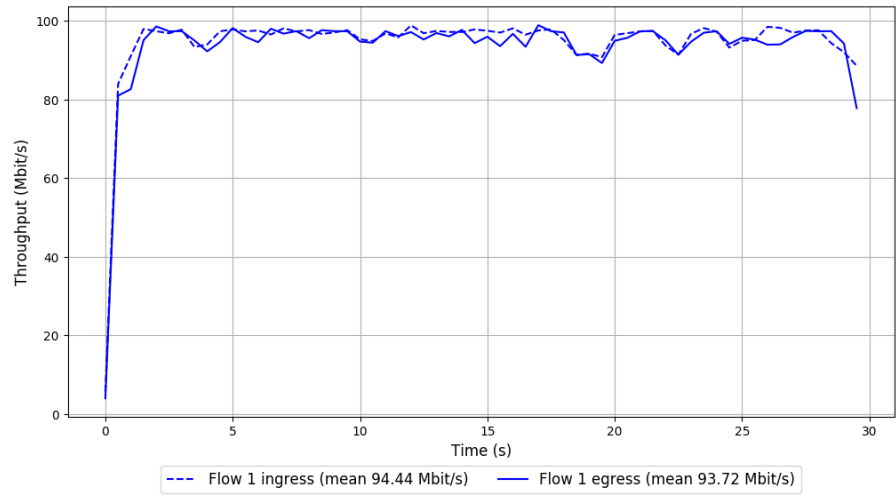


Run 2: Statistics of FillP

Start at: 2018-04-03 05:13:41
End at: 2018-04-03 05:14:11
Local clock offset: 0.251 ms
Remote clock offset: -0.474 ms

Below is generated by plot.py at 2018-04-03 13:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 54.047 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 54.047 ms
Loss rate: 1.01%

Run 2: Report of FillP — Data Link

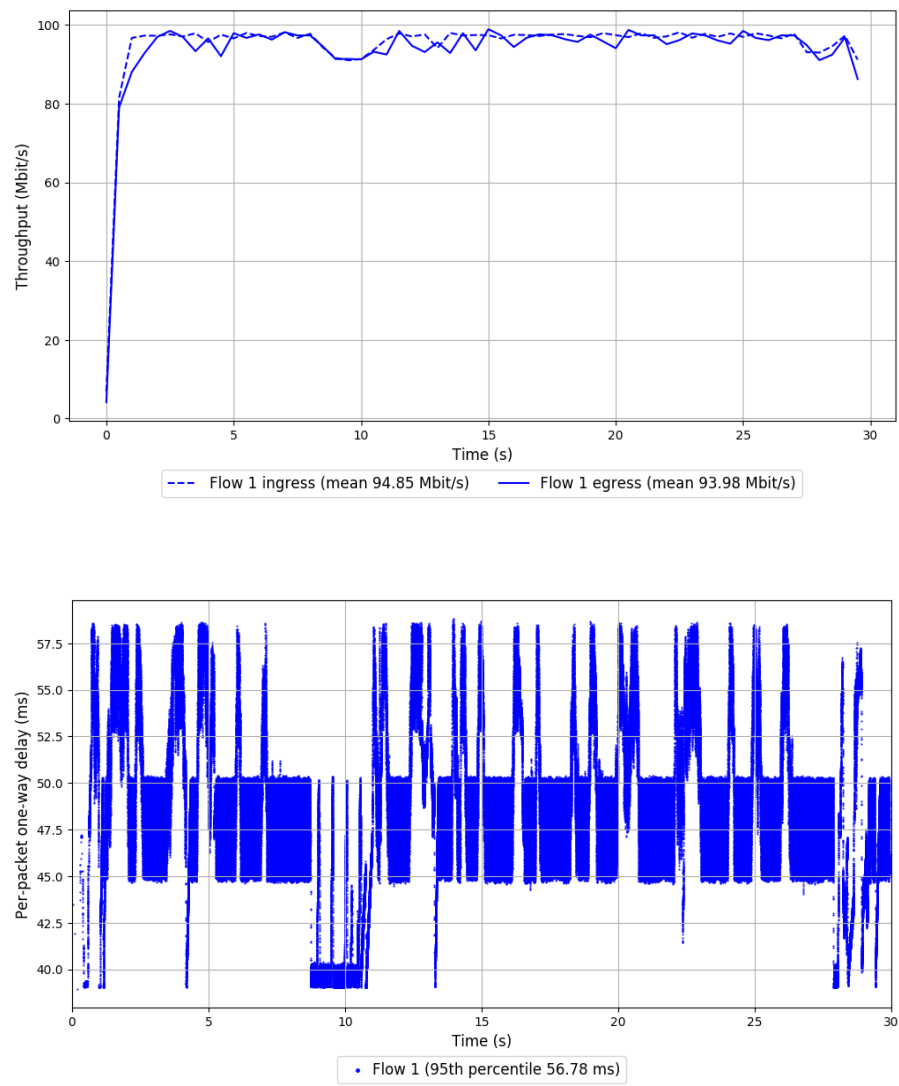


Run 3: Statistics of FillP

Start at: 2018-04-03 05:40:00
End at: 2018-04-03 05:40:30
Local clock offset: 0.046 ms
Remote clock offset: -3.412 ms

Below is generated by plot.py at 2018-04-03 13:21:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 56.780 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 56.780 ms
Loss rate: 1.16%

Run 3: Report of FillP — Data Link

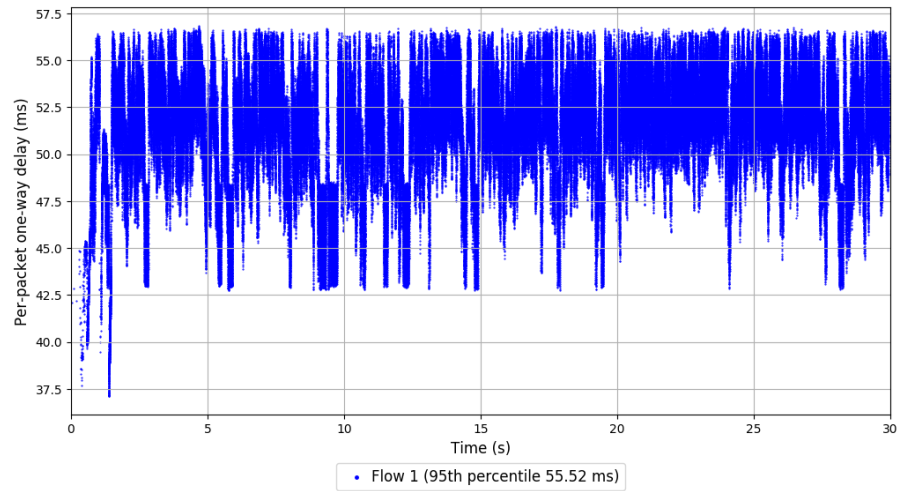
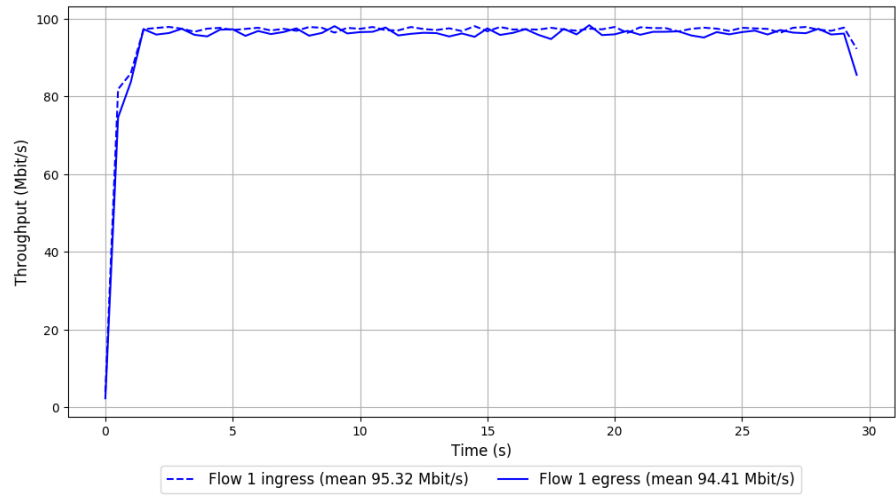


Run 4: Statistics of FillP

Start at: 2018-04-03 06:05:07
End at: 2018-04-03 06:05:37
Local clock offset: 0.058 ms
Remote clock offset: -1.928 ms

Below is generated by plot.py at 2018-04-03 13:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 55.524 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 55.524 ms
Loss rate: 1.21%

Run 4: Report of FillP — Data Link

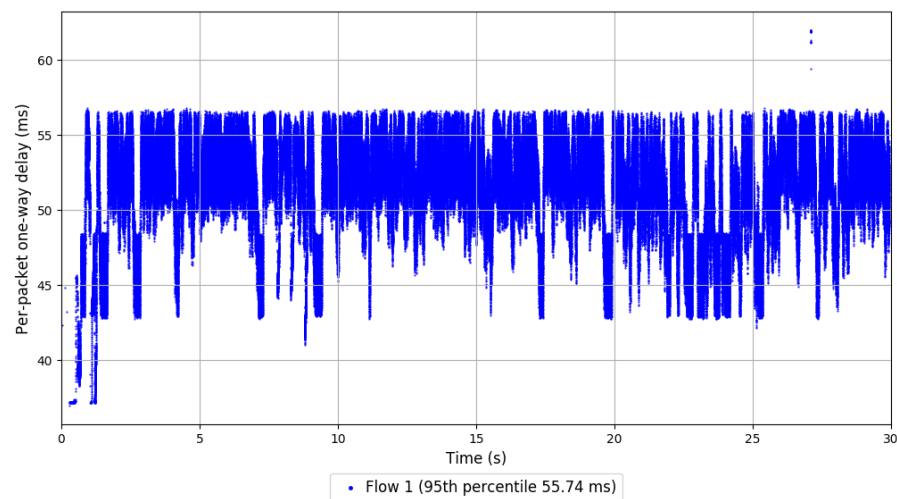
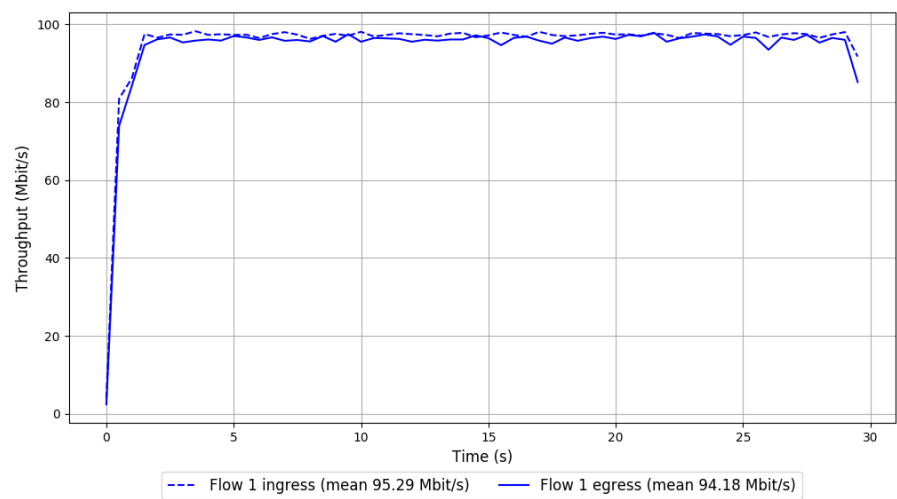


Run 5: Statistics of FillP

Start at: 2018-04-03 06:33:26
End at: 2018-04-03 06:33:56
Local clock offset: 0.123 ms
Remote clock offset: -1.354 ms

Below is generated by plot.py at 2018-04-03 13:22:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 55.743 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 55.743 ms
Loss rate: 1.41%

Run 5: Report of FillP — Data Link

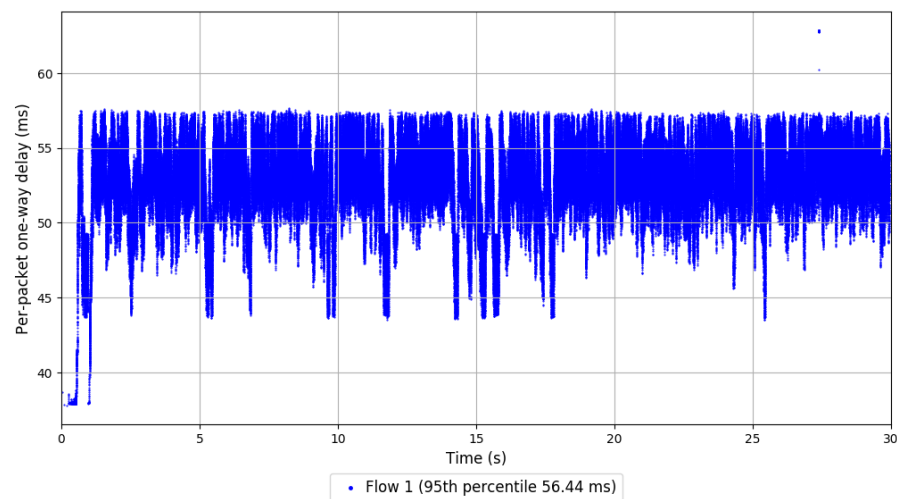
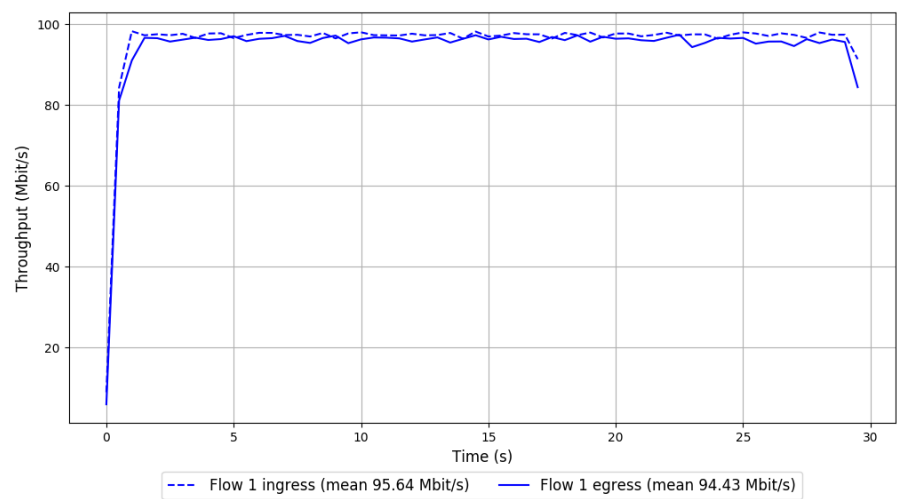


Run 6: Statistics of FillP

Start at: 2018-04-03 07:02:27
End at: 2018-04-03 07:02:57
Local clock offset: 0.141 ms
Remote clock offset: -1.387 ms

Below is generated by plot.py at 2018-04-03 13:22:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.43 Mbit/s
95th percentile per-packet one-way delay: 56.438 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 94.43 Mbit/s
95th percentile per-packet one-way delay: 56.438 ms
Loss rate: 1.49%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-04-03 07:30:22

End at: 2018-04-03 07:30:52

Local clock offset: 0.258 ms

Remote clock offset: -2.29 ms

Below is generated by plot.py at 2018-04-03 13:22:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 55.143 ms

Loss rate: 1.04%

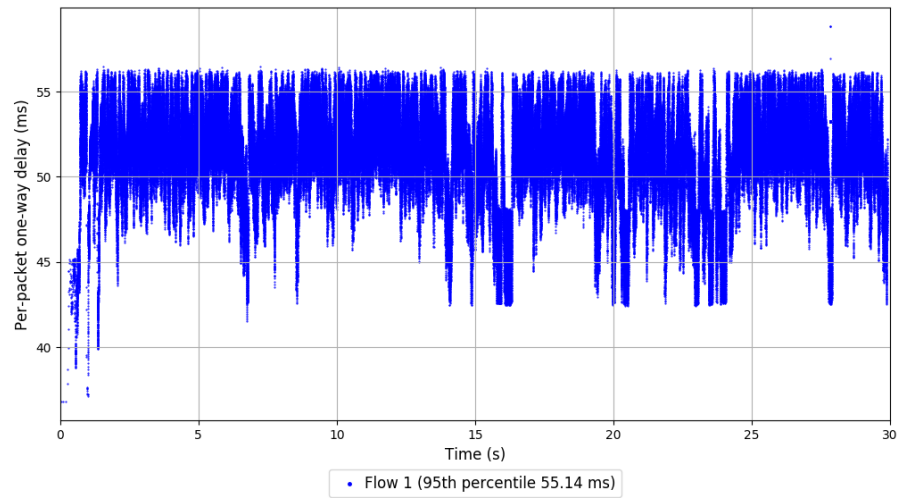
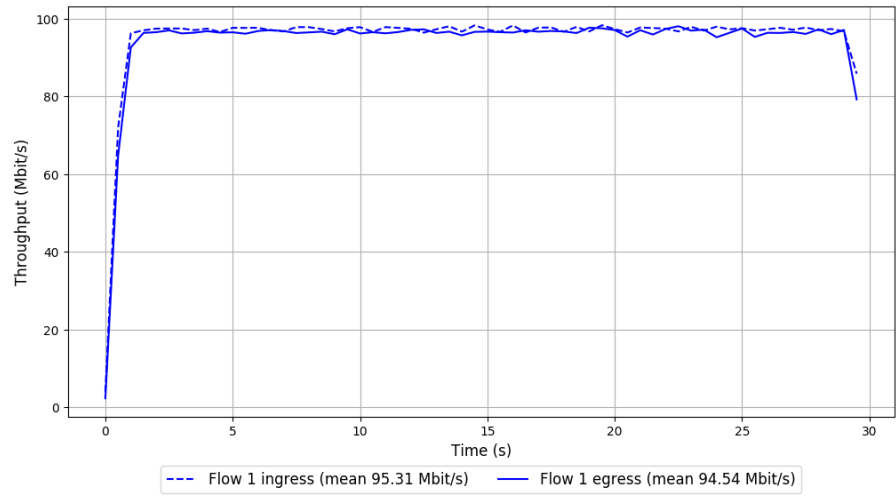
-- Flow 1:

Average throughput: 94.54 Mbit/s

95th percentile per-packet one-way delay: 55.143 ms

Loss rate: 1.04%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-04-03 07:58:49

End at: 2018-04-03 07:59:19

Local clock offset: -0.306 ms

Remote clock offset: -7.21 ms

Below is generated by plot.py at 2018-04-03 13:22:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.26 Mbit/s

95th percentile per-packet one-way delay: 59.029 ms

Loss rate: 1.32%

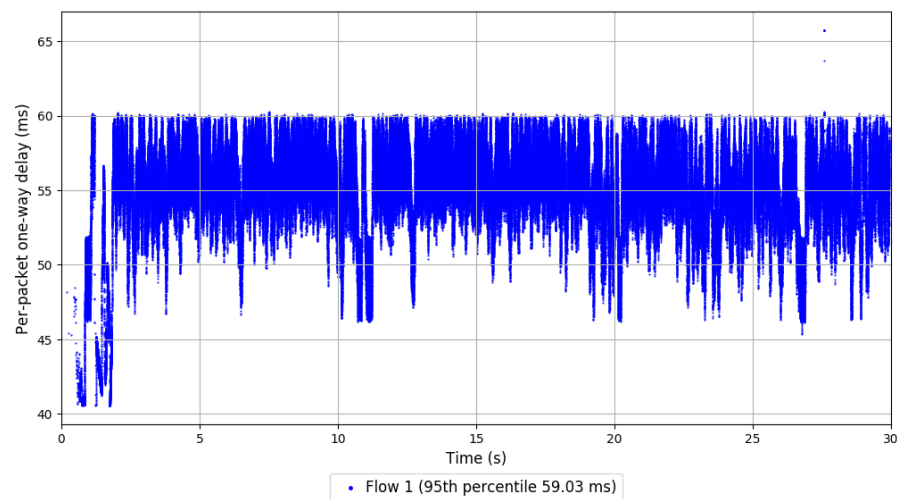
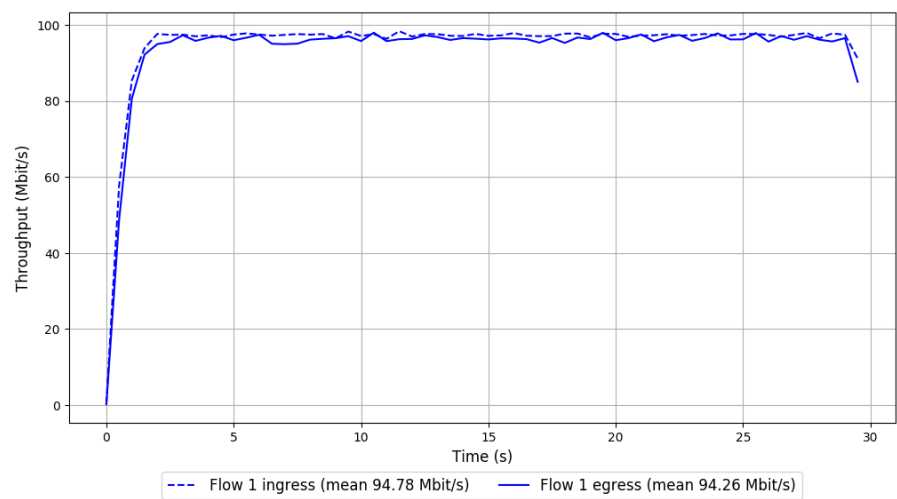
-- Flow 1:

Average throughput: 94.26 Mbit/s

95th percentile per-packet one-way delay: 59.029 ms

Loss rate: 1.32%

Run 8: Report of FillP — Data Link

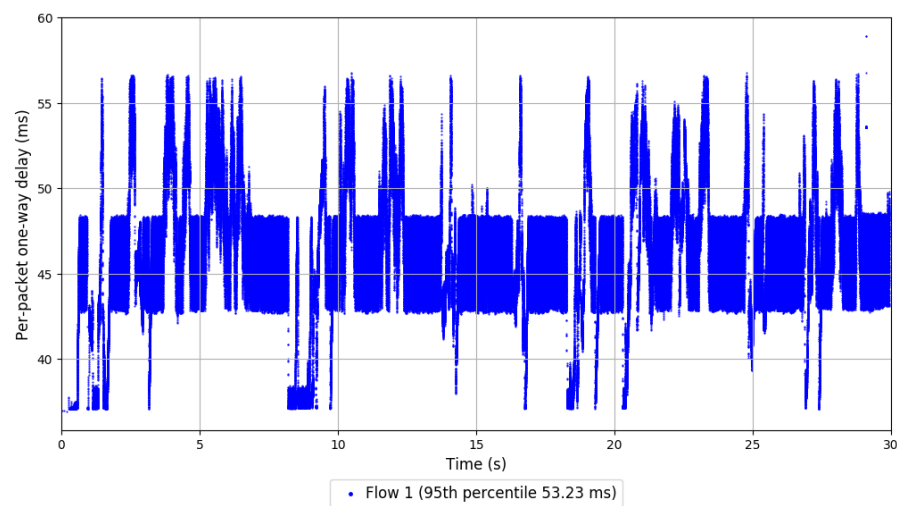
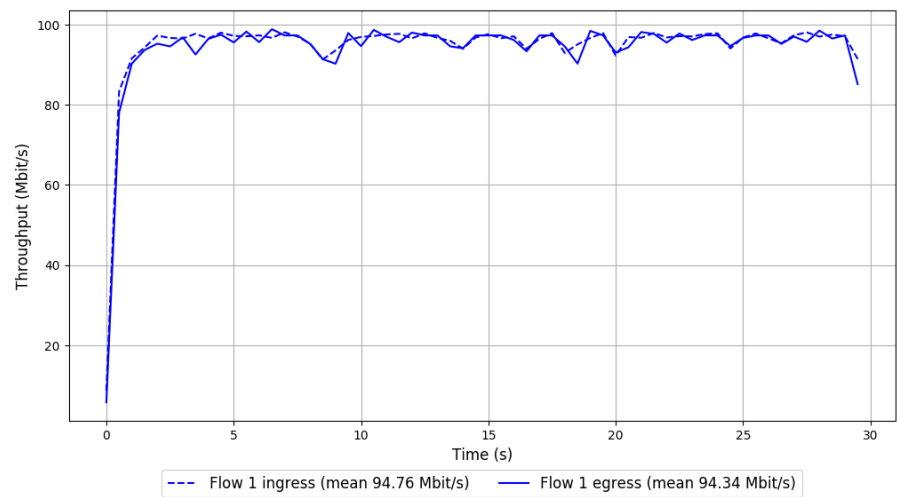


Run 9: Statistics of FillP

Start at: 2018-04-03 08:24:40
End at: 2018-04-03 08:25:10
Local clock offset: -0.407 ms
Remote clock offset: -3.677 ms

Below is generated by plot.py at 2018-04-03 13:23:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 53.233 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 53.233 ms
Loss rate: 0.67%

Run 9: Report of FillP — Data Link

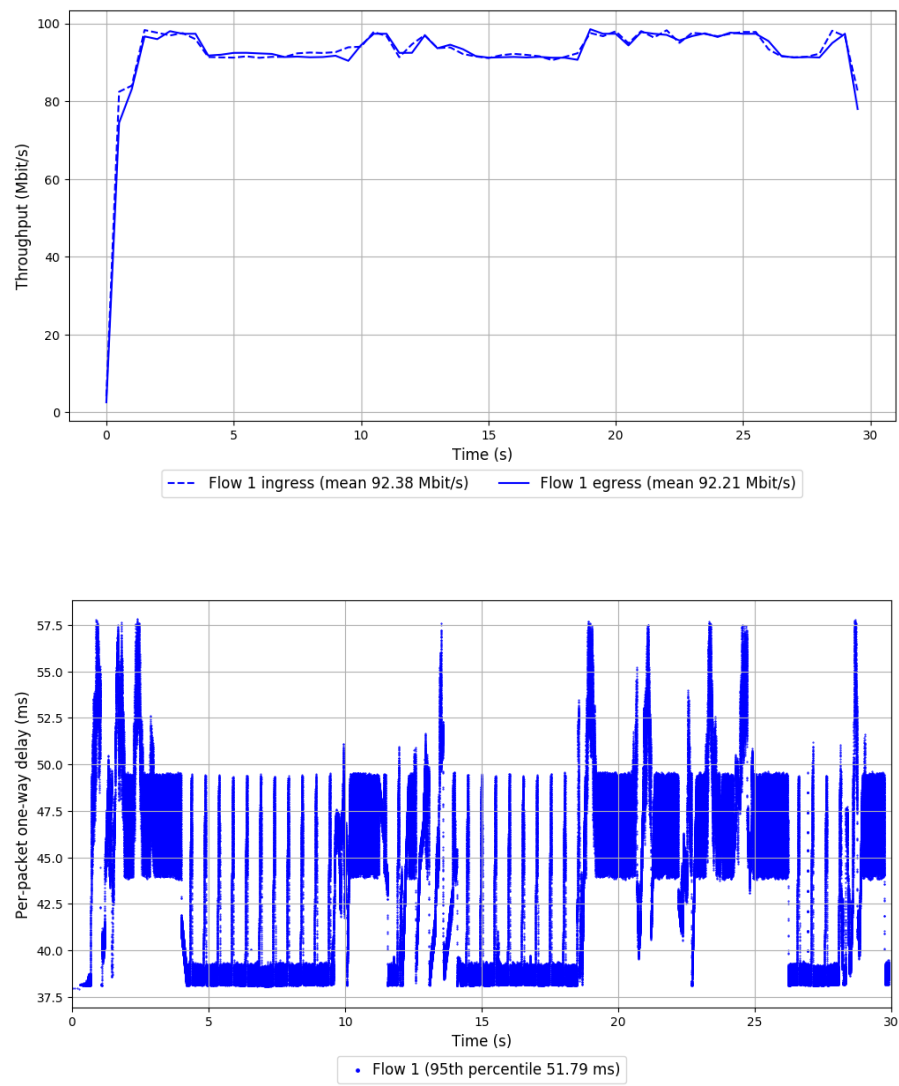


Run 10: Statistics of FillP

Start at: 2018-04-03 08:49:24
End at: 2018-04-03 08:49:54
Local clock offset: -0.302 ms
Remote clock offset: -1.021 ms

Below is generated by plot.py at 2018-04-03 13:23:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 51.787 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 51.787 ms
Loss rate: 0.41%

Run 10: Report of FillP — Data Link

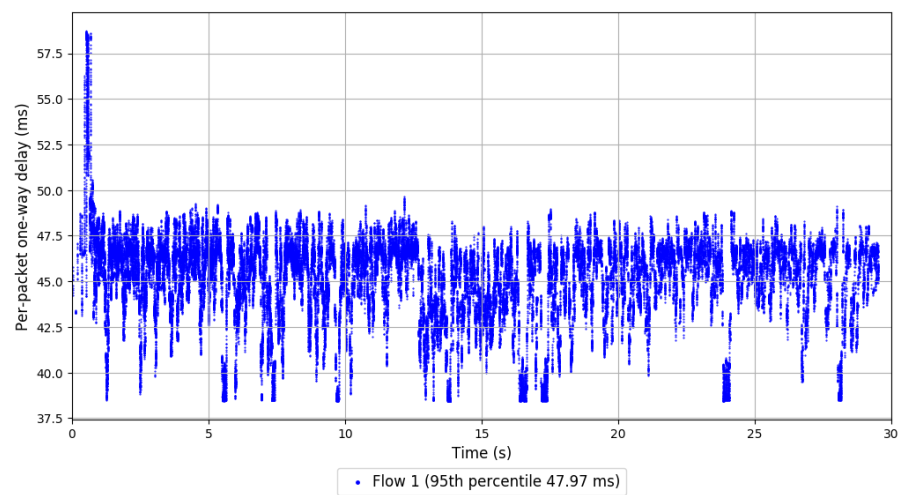
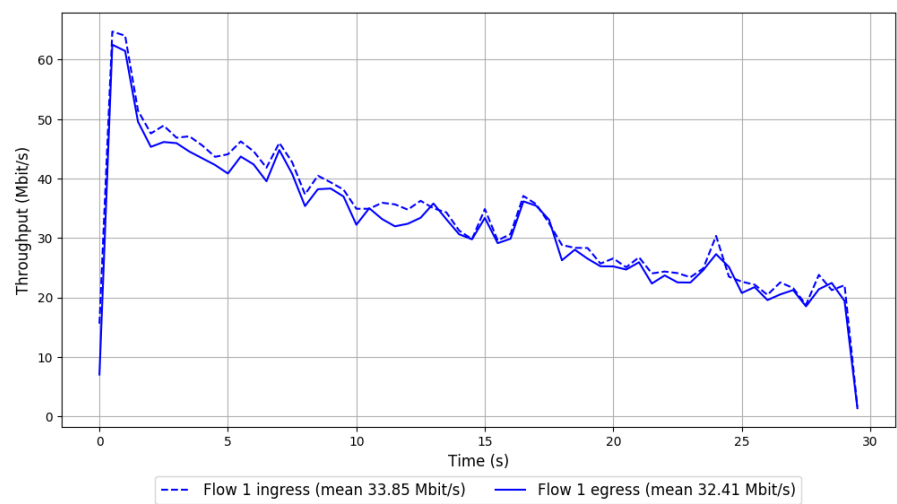


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-04-03 04:25:21
End at: 2018-04-03 04:25:51
Local clock offset: 0.412 ms
Remote clock offset: -5.643 ms

# Below is generated by plot.py at 2018-04-03 13:23:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 47.972 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 47.972 ms
Loss rate: 4.49%
```

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

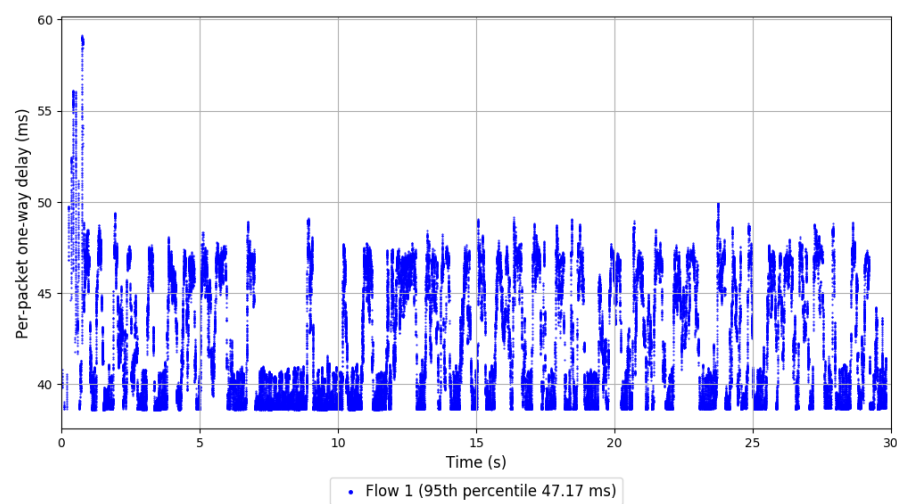
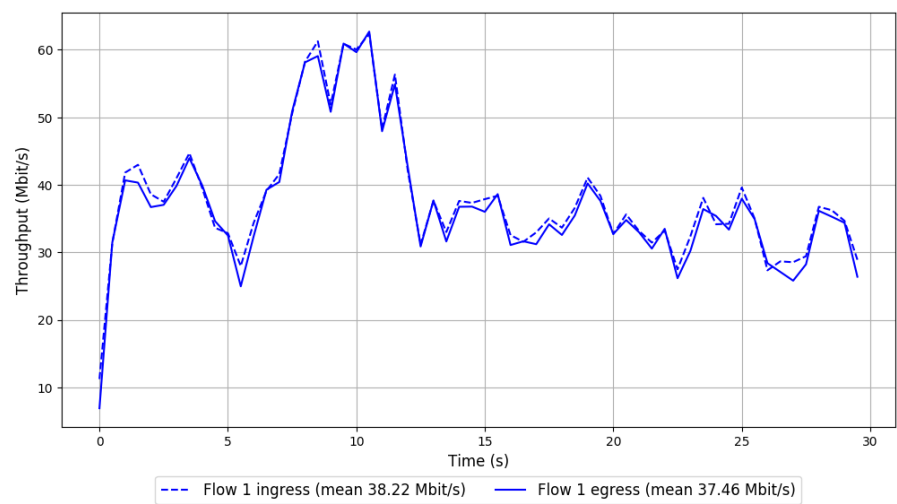


Run 2: Statistics of Indigo-1-32

Start at: 2018-04-03 04:56:30
End at: 2018-04-03 04:57:00
Local clock offset: 0.367 ms
Remote clock offset: -1.916 ms

Below is generated by plot.py at 2018-04-03 13:23:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 47.175 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 47.175 ms
Loss rate: 2.23%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-04-03 05:23:49

End at: 2018-04-03 05:24:19

Local clock offset: 0.151 ms

Remote clock offset: -3.32 ms

Below is generated by plot.py at 2018-04-03 13:23:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 47.471 ms

Loss rate: 0.86%

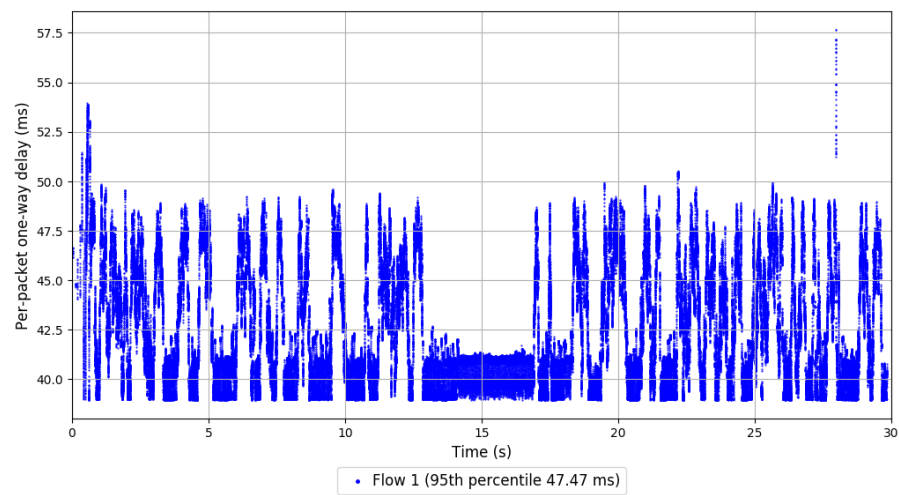
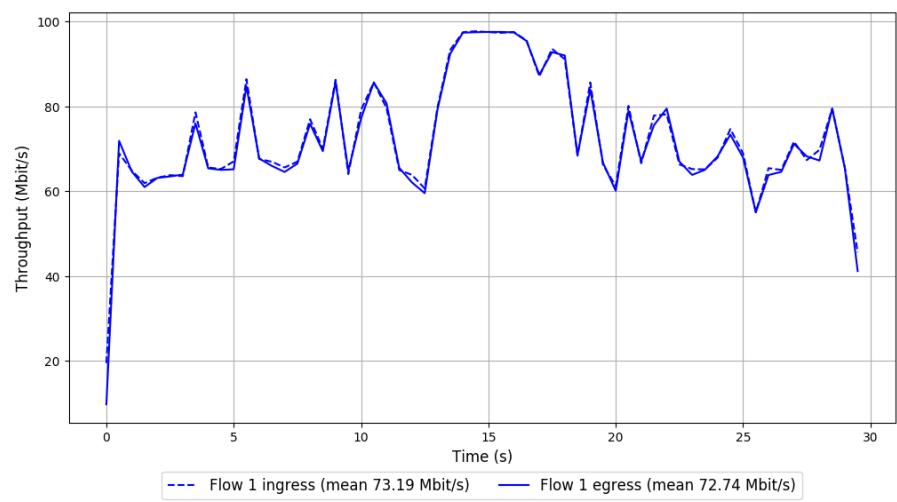
-- Flow 1:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 47.471 ms

Loss rate: 0.86%

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

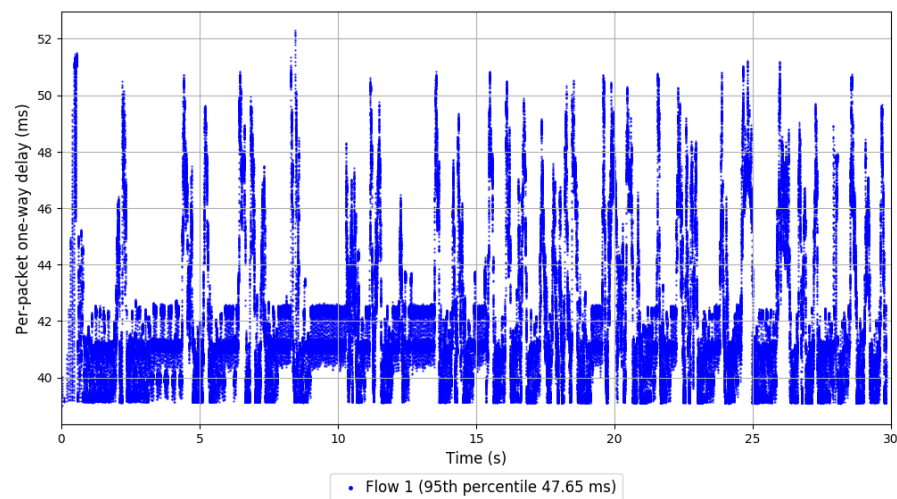
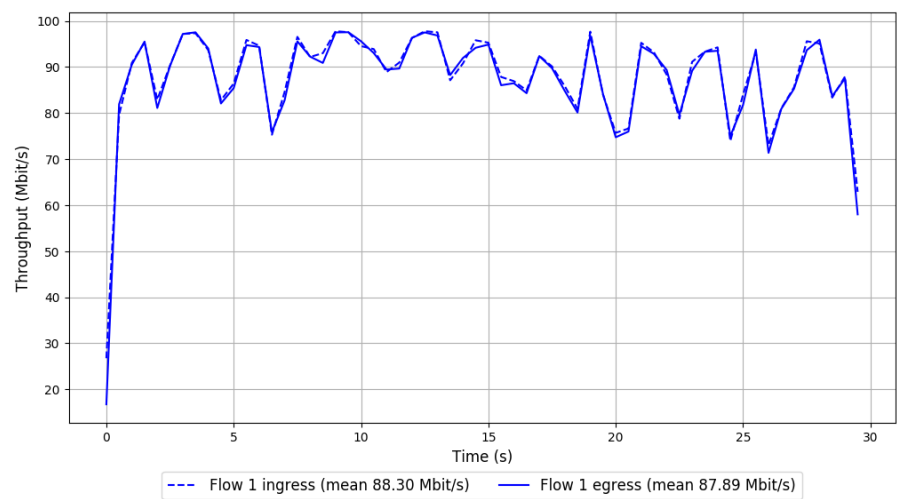


Run 4: Statistics of Indigo-1-32

Start at: 2018-04-03 05:49:41
End at: 2018-04-03 05:50:11
Local clock offset: -0.058 ms
Remote clock offset: -3.587 ms

Below is generated by plot.py at 2018-04-03 13:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.89 Mbit/s
95th percentile per-packet one-way delay: 47.648 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 87.89 Mbit/s
95th percentile per-packet one-way delay: 47.648 ms
Loss rate: 0.69%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-04-03 06:15:28

End at: 2018-04-03 06:15:58

Local clock offset: 0.047 ms

Remote clock offset: -4.132 ms

Below is generated by plot.py at 2018-04-03 13:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: 48.103 ms

Loss rate: 1.30%

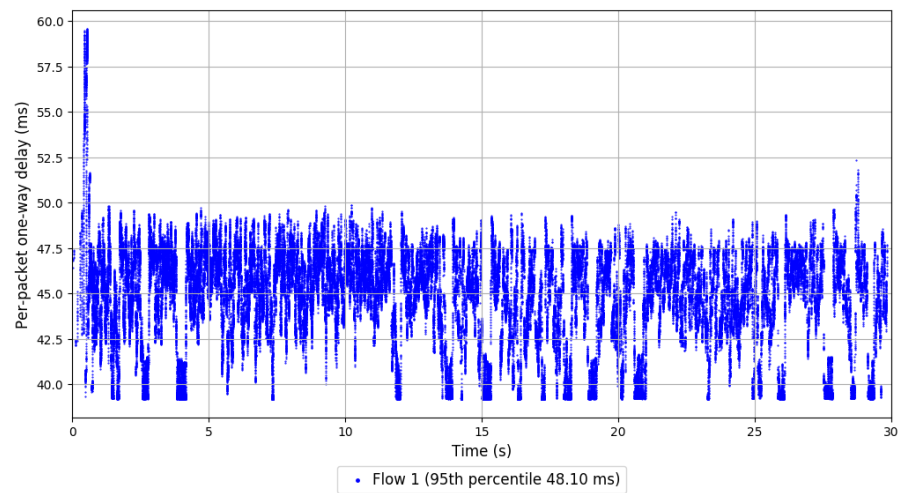
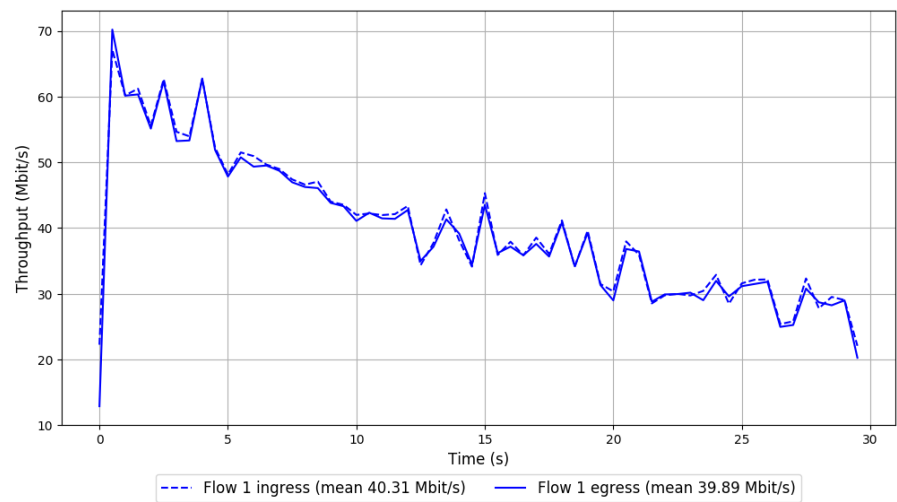
-- Flow 1:

Average throughput: 39.89 Mbit/s

95th percentile per-packet one-way delay: 48.103 ms

Loss rate: 1.30%

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

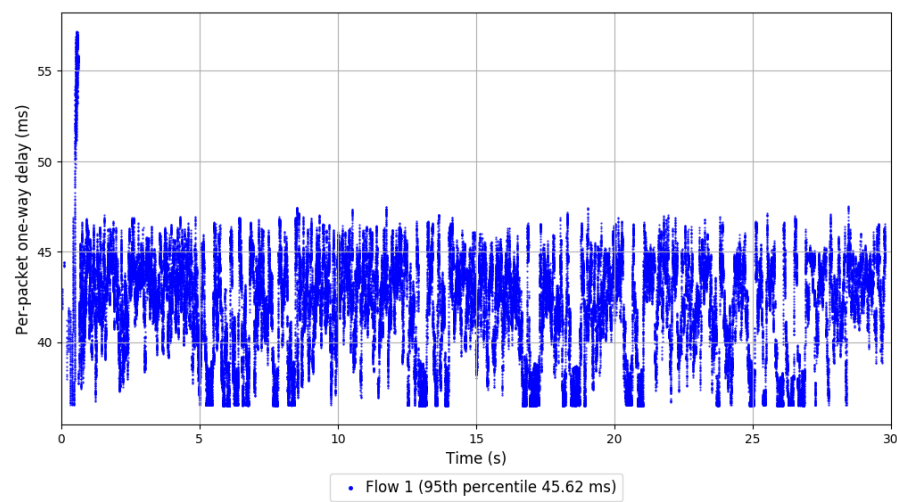
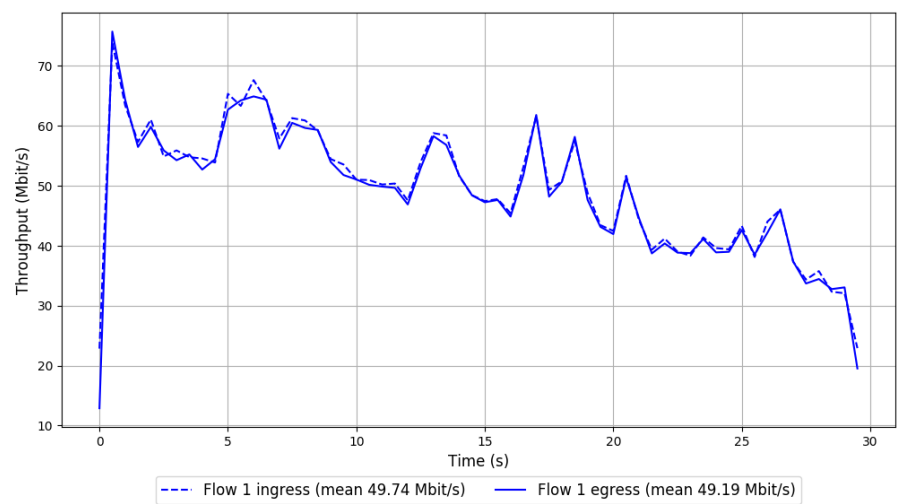


Run 6: Statistics of Indigo-1-32

Start at: 2018-04-03 06:44:10
End at: 2018-04-03 06:44:40
Local clock offset: 0.026 ms
Remote clock offset: -0.607 ms

Below is generated by plot.py at 2018-04-03 13:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 45.623 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 45.623 ms
Loss rate: 1.33%

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



Run 7: Statistics of Indigo-1-32

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

End at: 2018-04-03 07:13:33

Local clock offset: 0.182 ms

Remote clock offset: -4.404 ms

Below is generated by plot.py at 2018-04-03 13:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.07 Mbit/s

95th percentile per-packet one-way delay: 47.809 ms

Loss rate: 1.15%

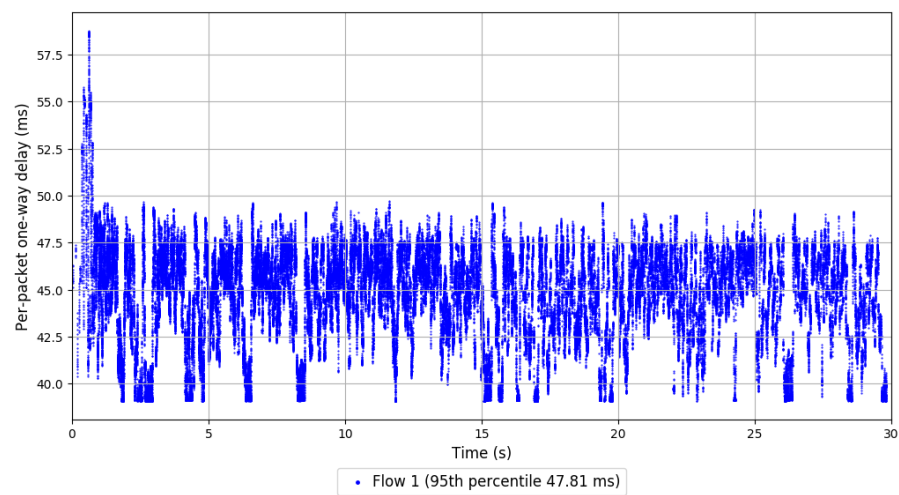
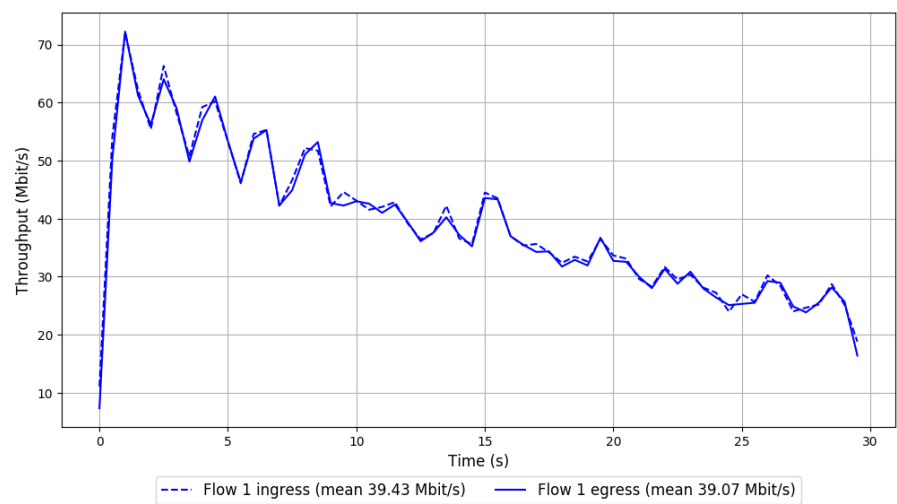
-- Flow 1:

Average throughput: 39.07 Mbit/s

95th percentile per-packet one-way delay: 47.809 ms

Loss rate: 1.15%

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

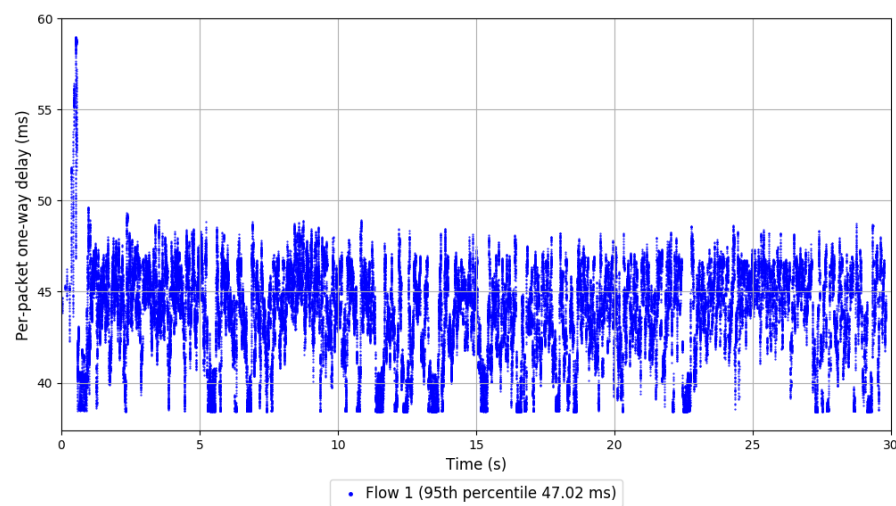
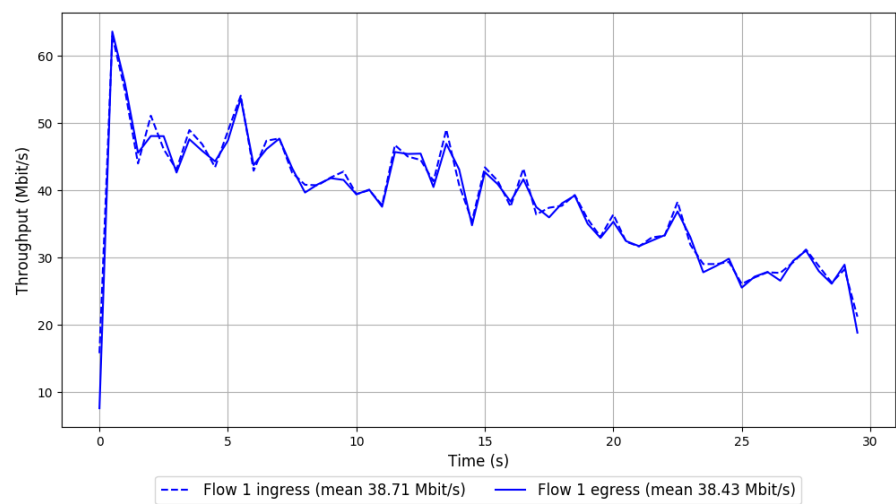


Run 8: Statistics of Indigo-1-32

Start at: 2018-04-03 07:41:03
End at: 2018-04-03 07:41:33
Local clock offset: -0.102 ms
Remote clock offset: -4.262 ms

Below is generated by plot.py at 2018-04-03 13:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 47.018 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 38.43 Mbit/s
95th percentile per-packet one-way delay: 47.018 ms
Loss rate: 0.98%

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

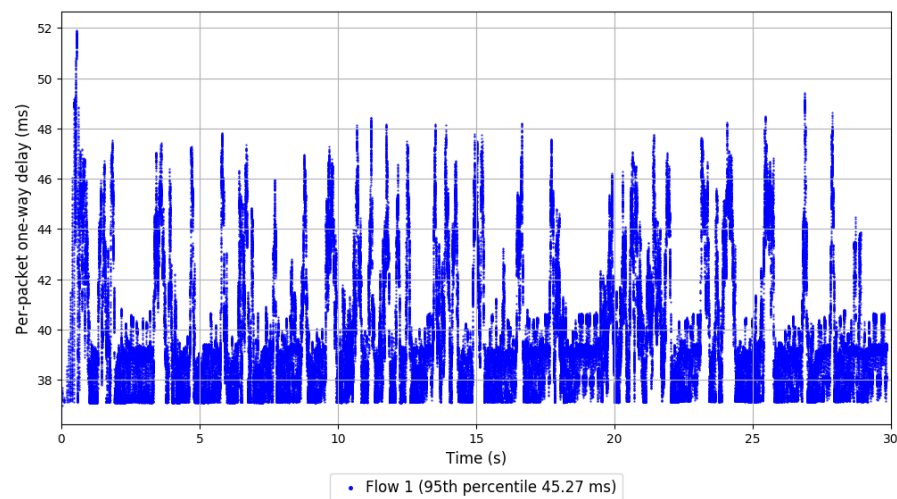
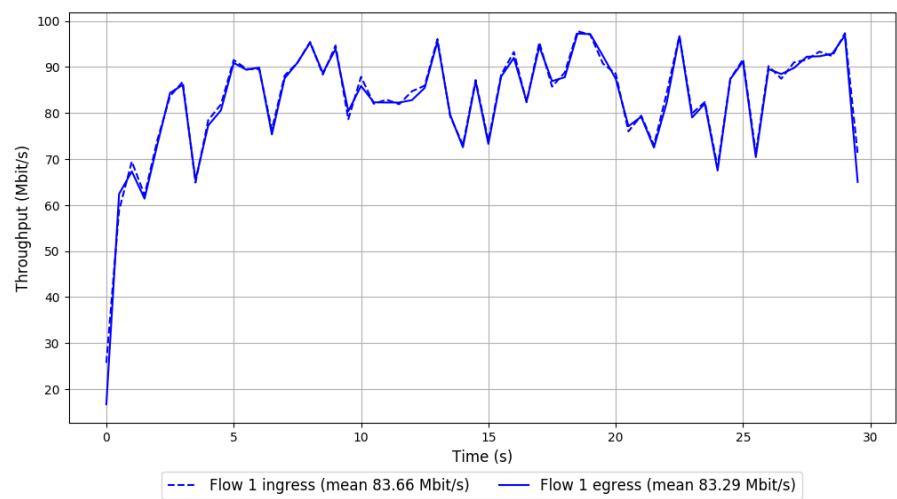


Run 9: Statistics of Indigo-1-32

Start at: 2018-04-03 08:09:41
End at: 2018-04-03 08:10:11
Local clock offset: -0.23 ms
Remote clock offset: -4.404 ms

Below is generated by plot.py at 2018-04-03 13:24:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 45.266 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.29 Mbit/s
95th percentile per-packet one-way delay: 45.266 ms
Loss rate: 0.66%

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

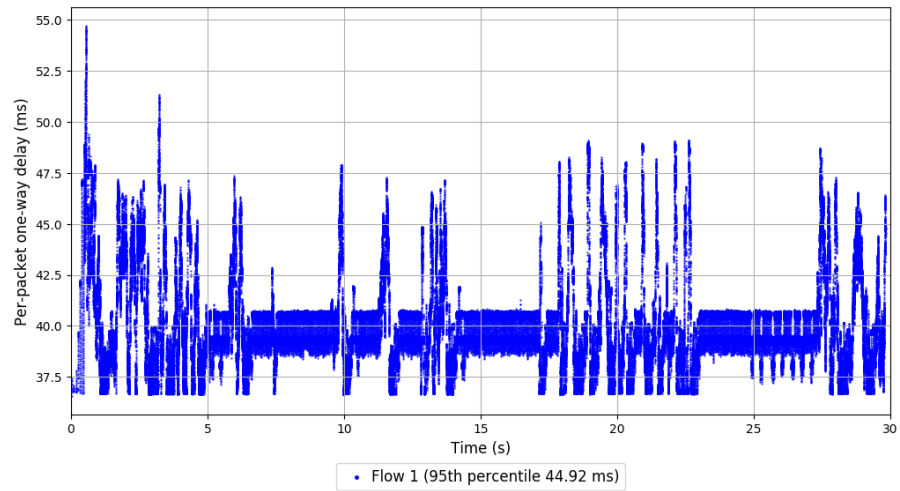
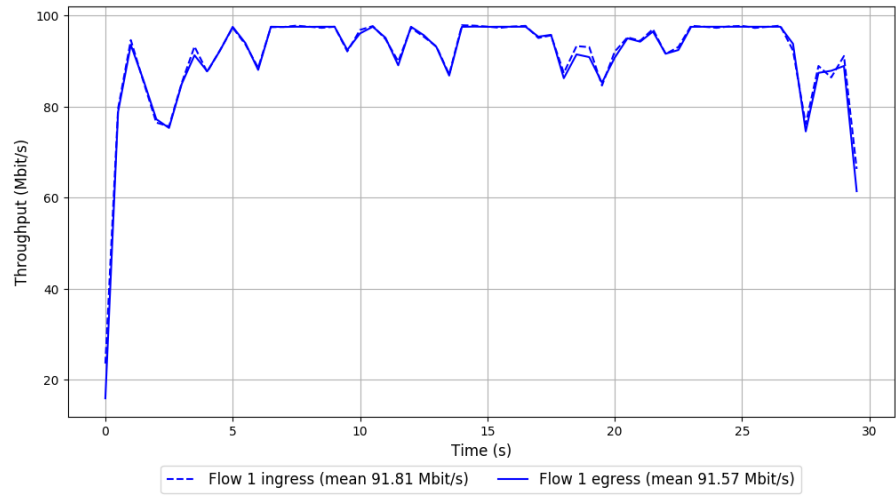


Run 10: Statistics of Indigo-1-32

Start at: 2018-04-03 08:34:29
End at: 2018-04-03 08:34:59
Local clock offset: -0.419 ms
Remote clock offset: -2.899 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 44.917 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 44.917 ms
Loss rate: 0.49%

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

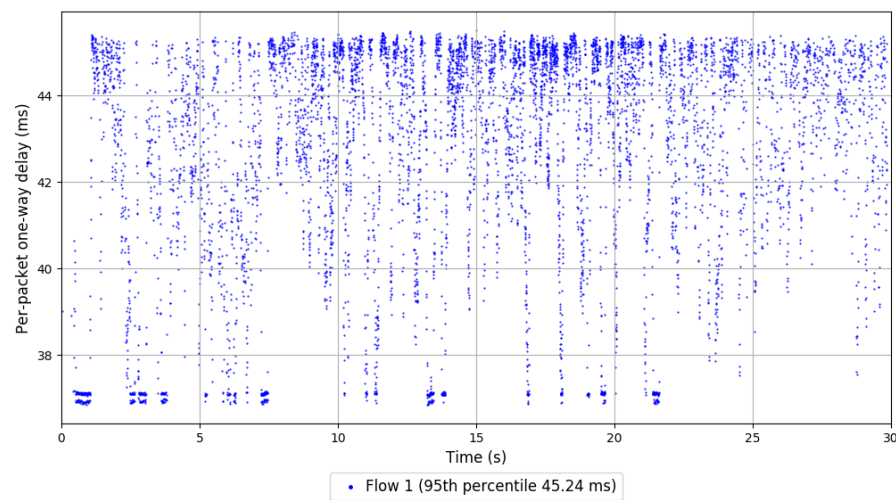
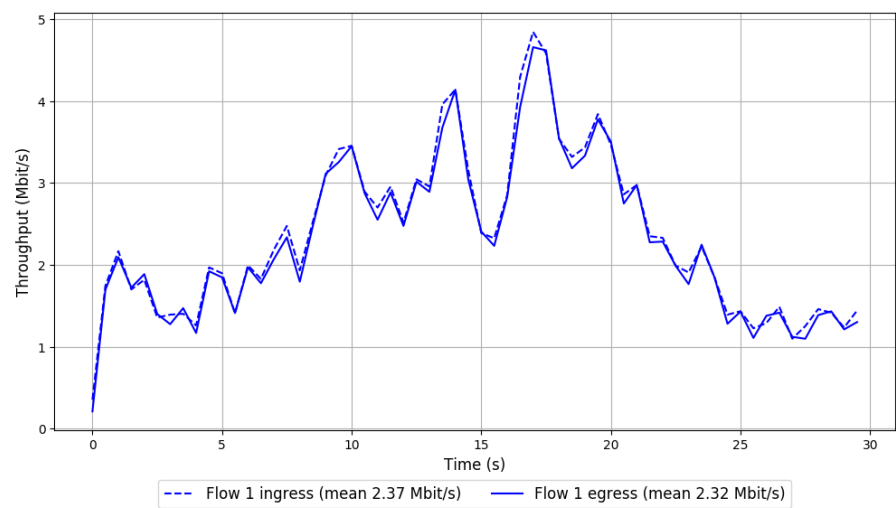


Run 1: Statistics of Vivace-latency

Start at: 2018-04-03 04:33:29
End at: 2018-04-03 04:33:59
Local clock offset: 0.356 ms
Remote clock offset: -6.129 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 45.240 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 45.240 ms
Loss rate: 2.54%

Run 1: Report of Vivace-latency — Data Link

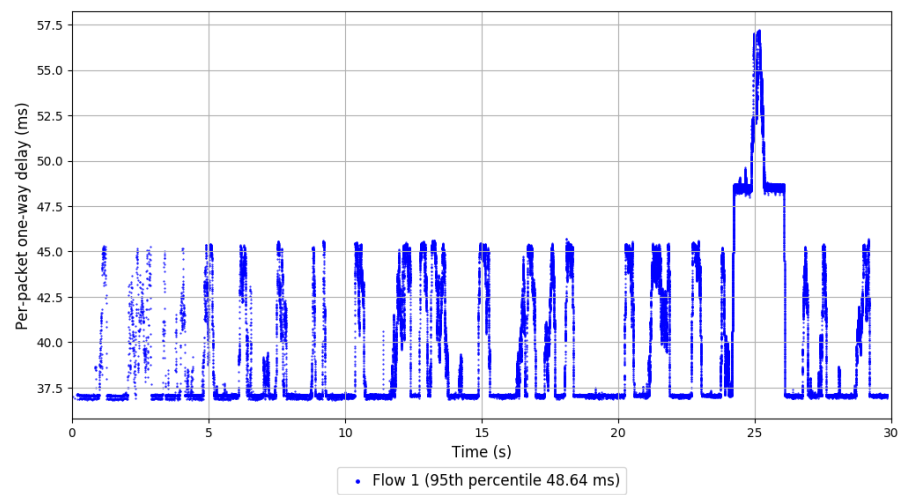
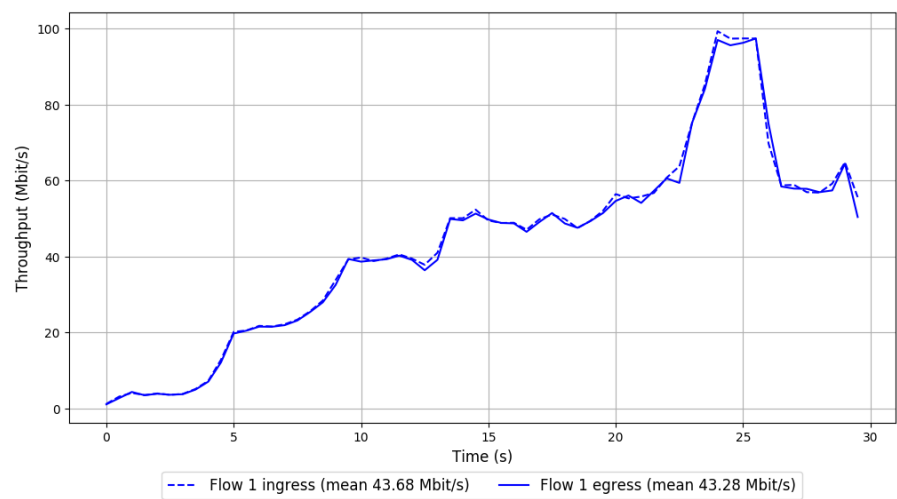


Run 2: Statistics of Vivace-latency

Start at: 2018-04-03 05:02:58
End at: 2018-04-03 05:03:29
Local clock offset: 0.228 ms
Remote clock offset: -1.396 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 48.636 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 48.636 ms
Loss rate: 1.13%

Run 2: Report of Vivace-latency — Data Link

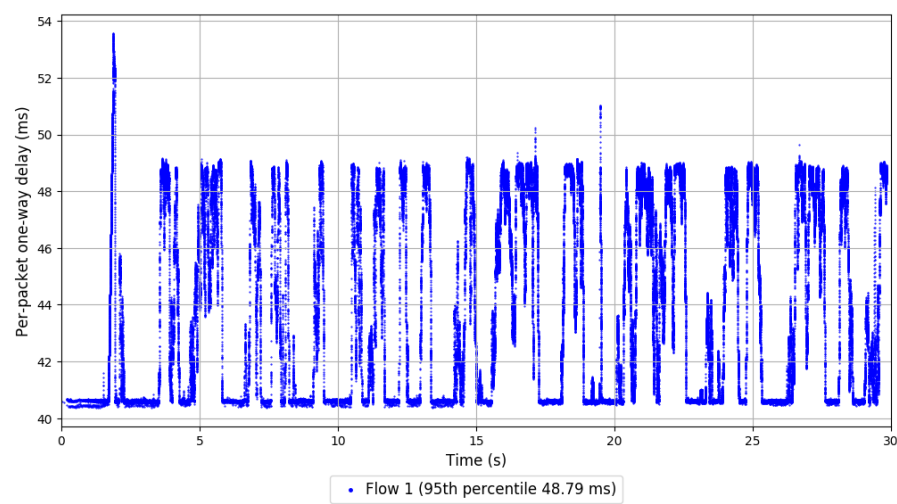
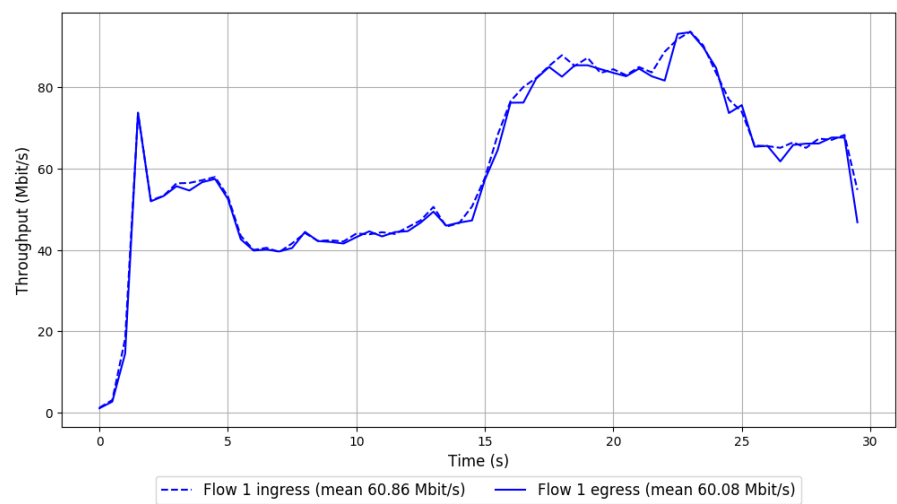


Run 3: Statistics of Vivace-latency

Start at: 2018-04-03 05:29:56
End at: 2018-04-03 05:30:26
Local clock offset: 0.226 ms
Remote clock offset: -3.595 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.08 Mbit/s
95th percentile per-packet one-way delay: 48.793 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 60.08 Mbit/s
95th percentile per-packet one-way delay: 48.793 ms
Loss rate: 1.50%

Run 3: Report of Vivace-latency — Data Link

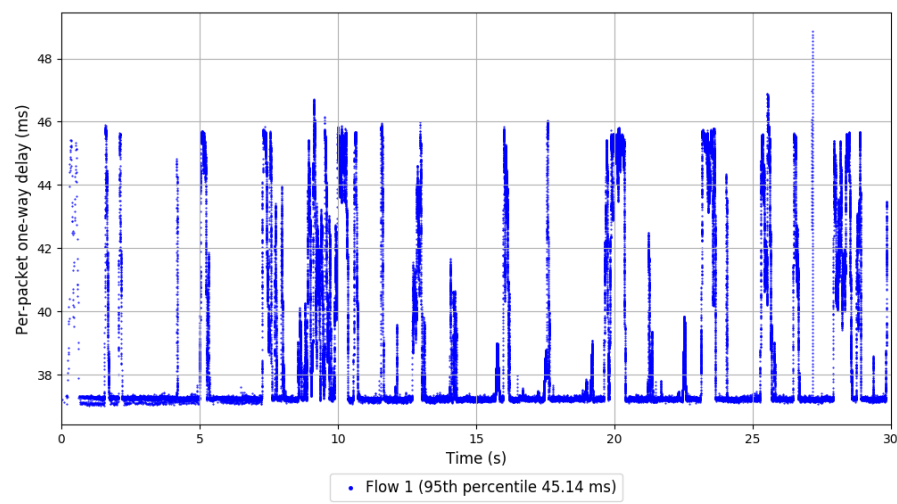
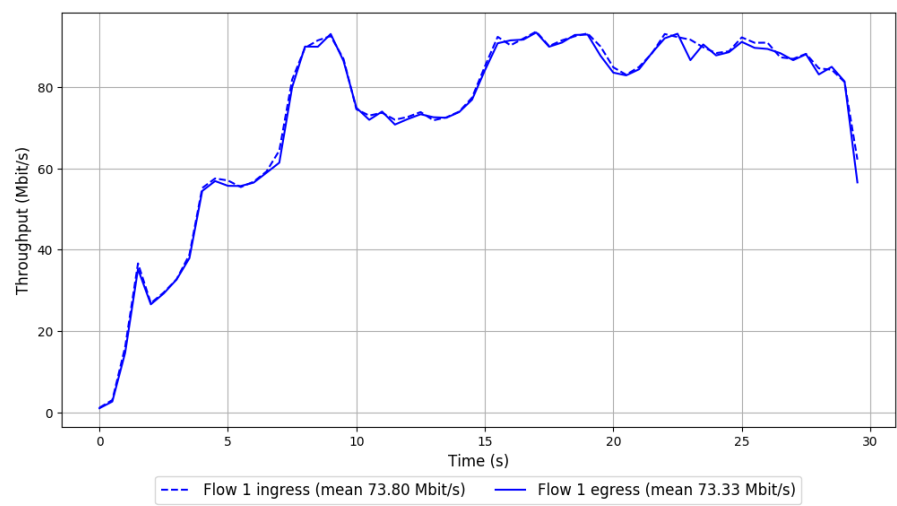


Run 4: Statistics of Vivace-latency

Start at: 2018-04-03 05:55:20
End at: 2018-04-03 05:55:50
Local clock offset: 0.096 ms
Remote clock offset: -1.786 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 45.137 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 45.137 ms
Loss rate: 0.86%

Run 4: Report of Vivace-latency — Data Link

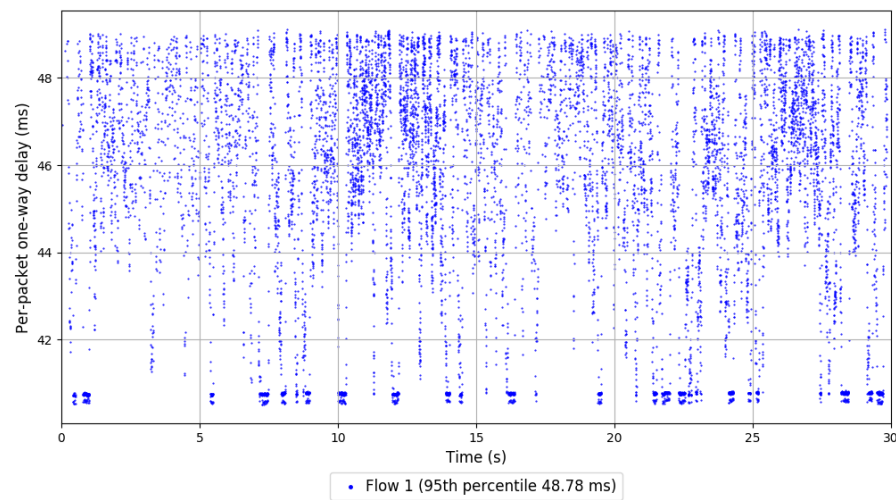
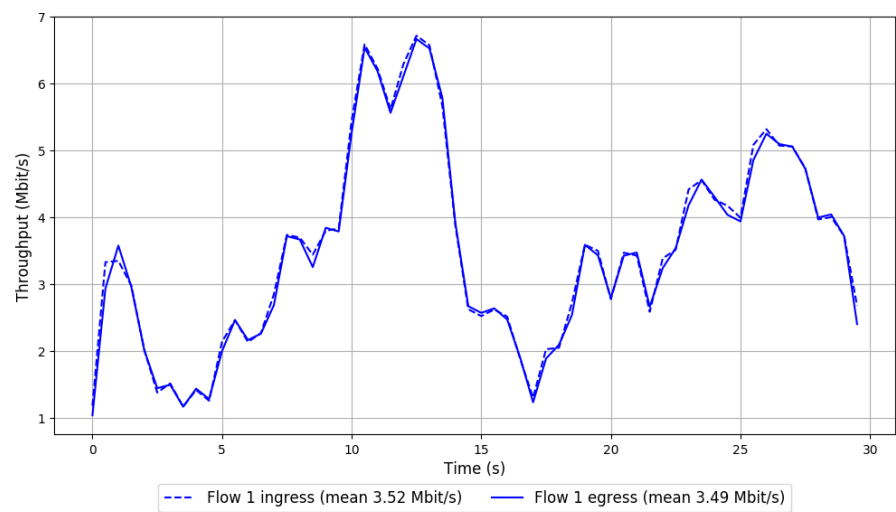


Run 5: Statistics of Vivace-latency

Start at: 2018-04-03 06:22:41
End at: 2018-04-03 06:23:11
Local clock offset: 0.025 ms
Remote clock offset: -4.016 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 48.778 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 3.49 Mbit/s
95th percentile per-packet one-way delay: 48.778 ms
Loss rate: 1.15%

Run 5: Report of Vivace-latency — Data Link

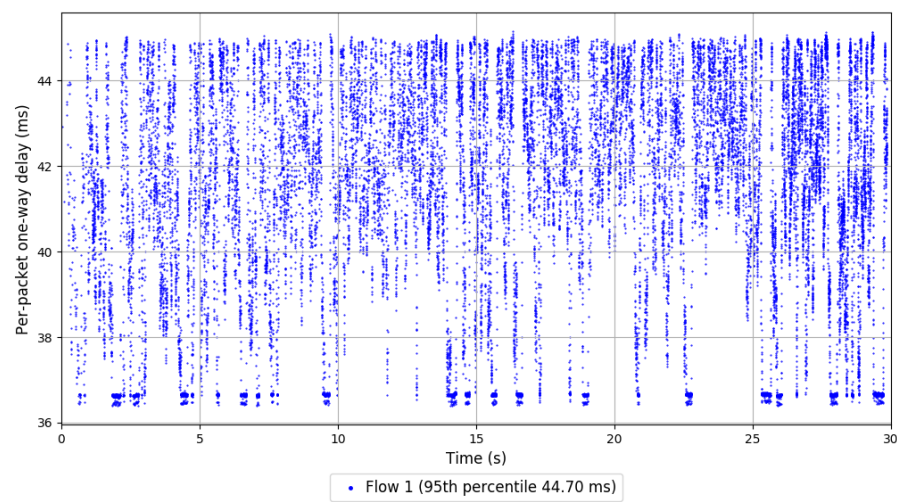
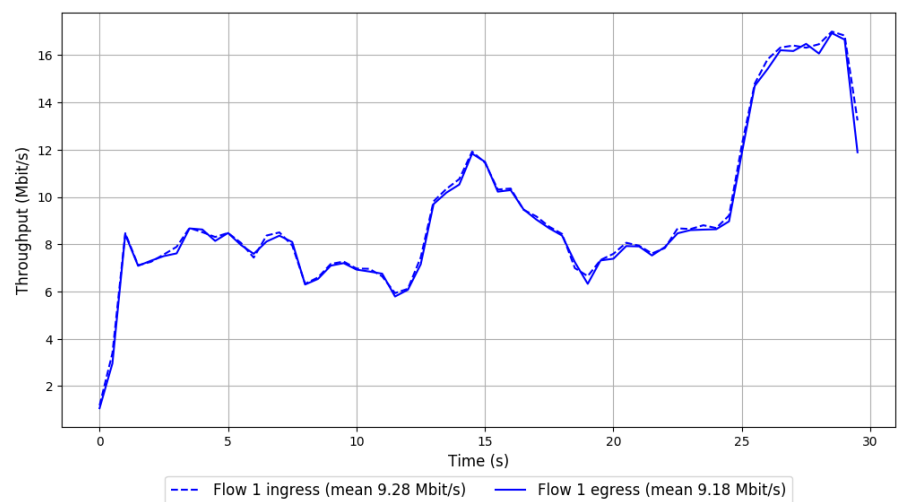


Run 6: Statistics of Vivace-latency

Start at: 2018-04-03 06:51:23
End at: 2018-04-03 06:51:53
Local clock offset: -0.017 ms
Remote clock offset: -0.503 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 44.705 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 44.705 ms
Loss rate: 1.29%

Run 6: Report of Vivace-latency — Data Link

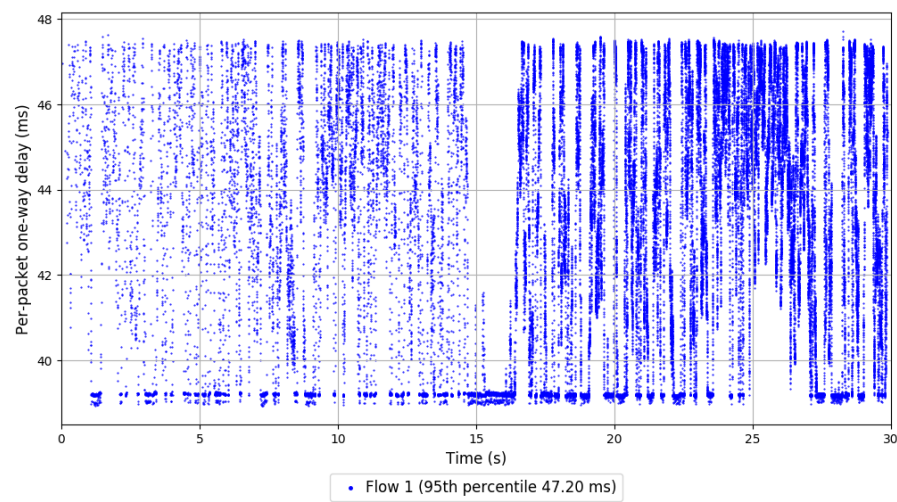
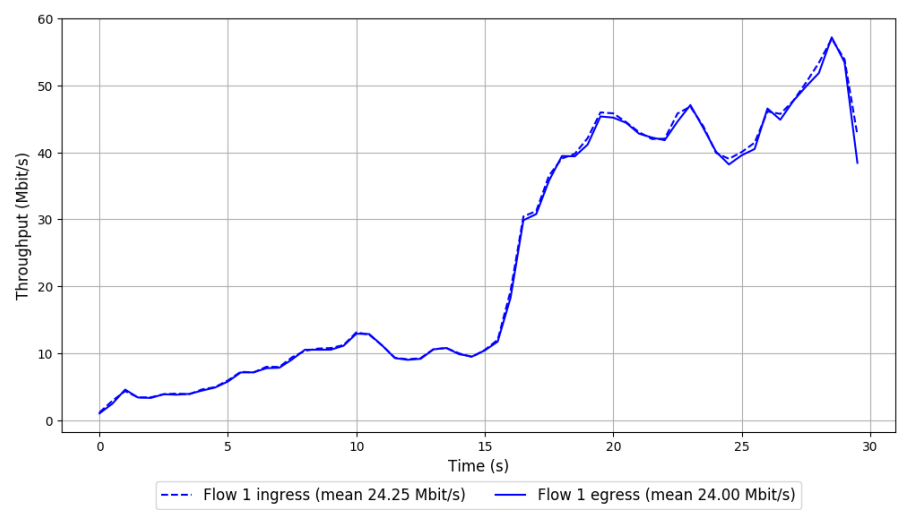


Run 7: Statistics of Vivace-latency

Start at: 2018-04-03 07:19:30
End at: 2018-04-03 07:20:00
Local clock offset: 0.256 ms
Remote clock offset: -4.405 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 47.205 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 47.205 ms
Loss rate: 1.27%

Run 7: Report of Vivace-latency — Data Link

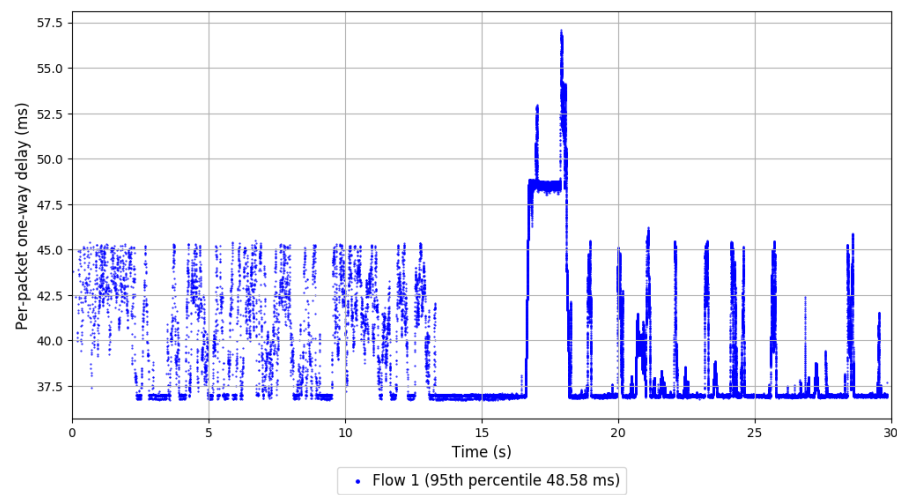
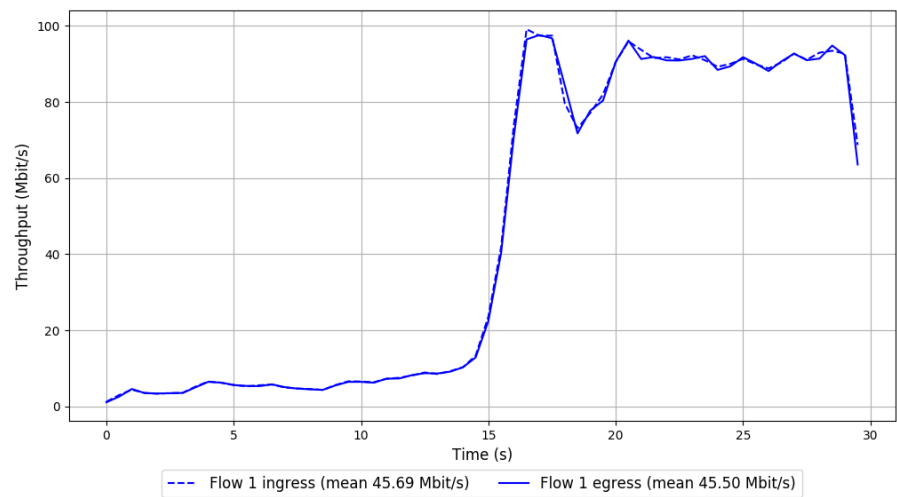


Run 8: Statistics of Vivace-latency

Start at: 2018-04-03 07:47:28
End at: 2018-04-03 07:47:58
Local clock offset: -0.235 ms
Remote clock offset: -4.611 ms

Below is generated by plot.py at 2018-04-03 13:24:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 48.577 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 48.577 ms
Loss rate: 0.67%

Run 8: Report of Vivace-latency — Data Link

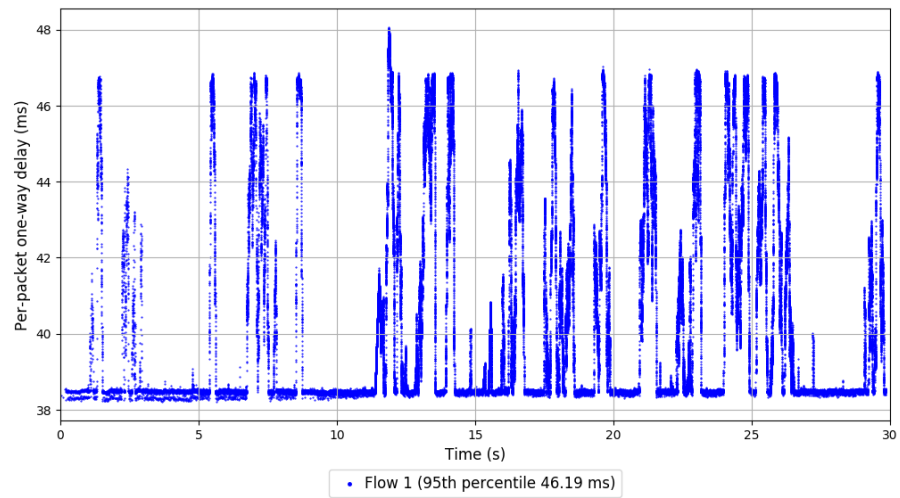
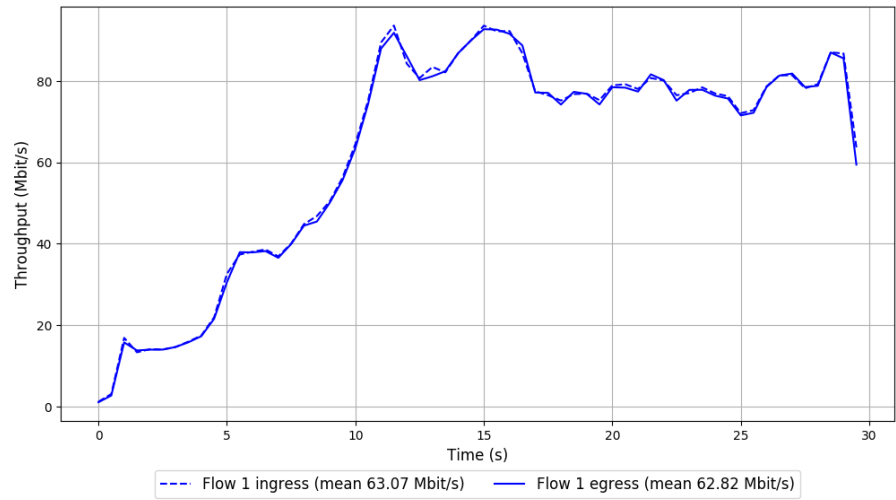


Run 9: Statistics of Vivace-latency

Start at: 2018-04-03 08:15:15
End at: 2018-04-03 08:15:45
Local clock offset: -0.261 ms
Remote clock offset: -3.982 ms

Below is generated by plot.py at 2018-04-03 13:24:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 46.185 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 46.185 ms
Loss rate: 0.62%

Run 9: Report of Vivace-latency — Data Link

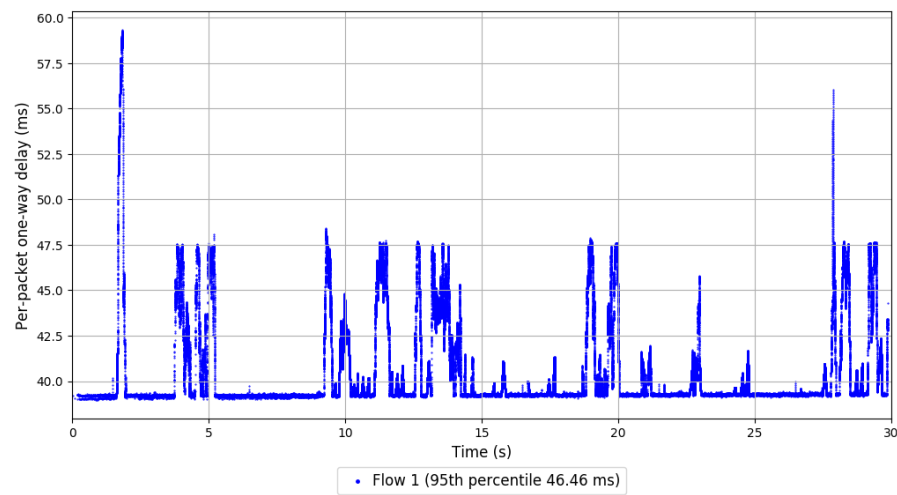
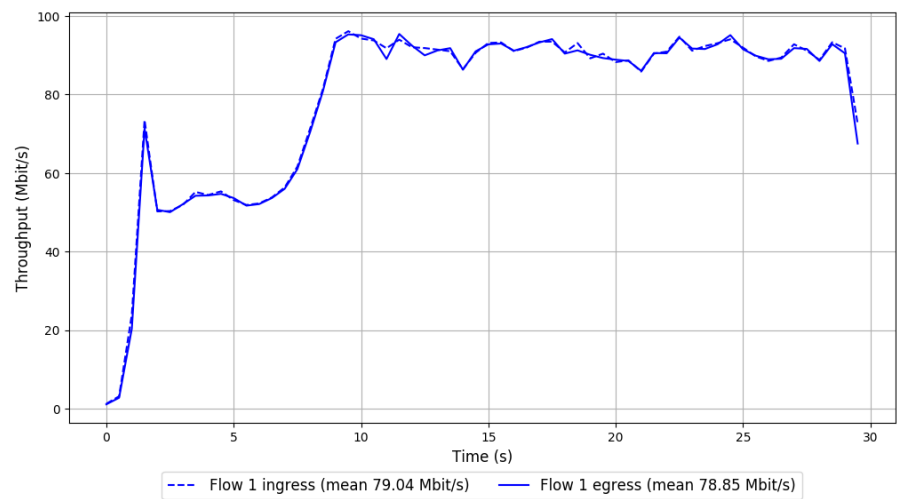


Run 10: Statistics of Vivace-latency

Start at: 2018-04-03 08:40:04
End at: 2018-04-03 08:40:34
Local clock offset: -0.575 ms
Remote clock offset: -4.871 ms

Below is generated by plot.py at 2018-04-03 13:24:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 46.462 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 46.462 ms
Loss rate: 0.46%

Run 10: Report of Vivace-latency — Data Link

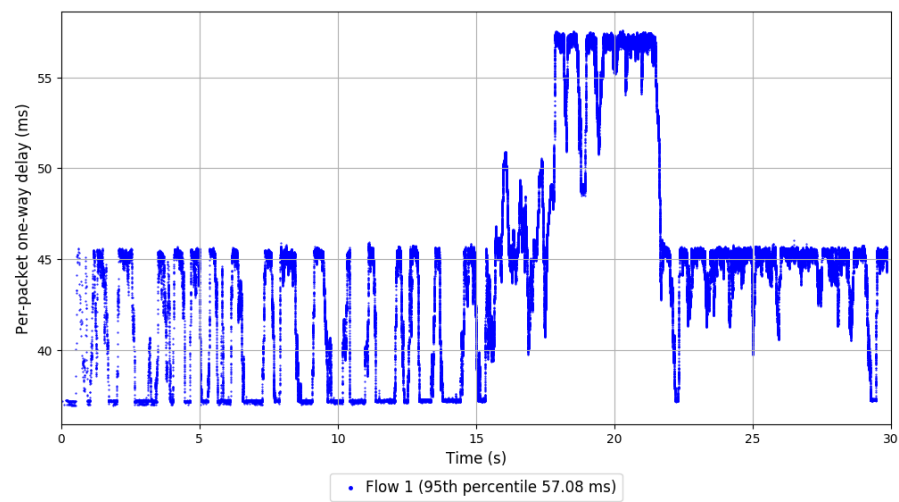
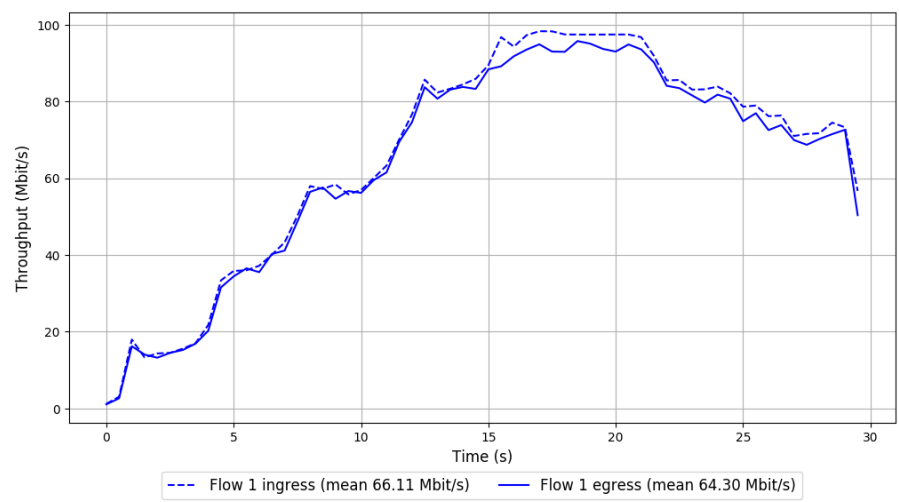


```
Run 1: Statistics of Vivace-loss

Start at: 2018-04-03 04:47:07
End at: 2018-04-03 04:47:37
Local clock offset: 0.421 ms
Remote clock offset: -3.305 ms

# Below is generated by plot.py at 2018-04-03 13:24:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.30 Mbit/s
95th percentile per-packet one-way delay: 57.076 ms
Loss rate: 2.94%
-- Flow 1:
Average throughput: 64.30 Mbit/s
95th percentile per-packet one-way delay: 57.076 ms
Loss rate: 2.94%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-04-03 05:15:09

End at: 2018-04-03 05:15:39

Local clock offset: 0.225 ms

Remote clock offset: -3.073 ms

Below is generated by plot.py at 2018-04-03 13:25:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 60.182 ms

Loss rate: 1.71%

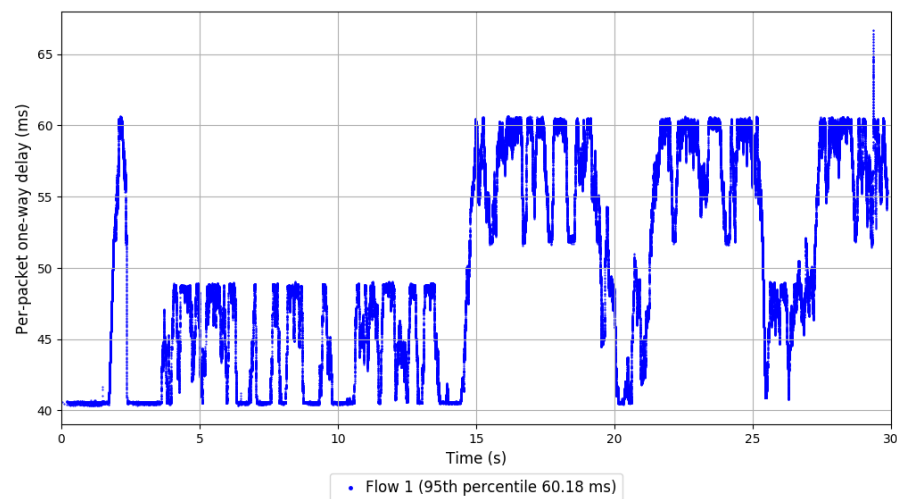
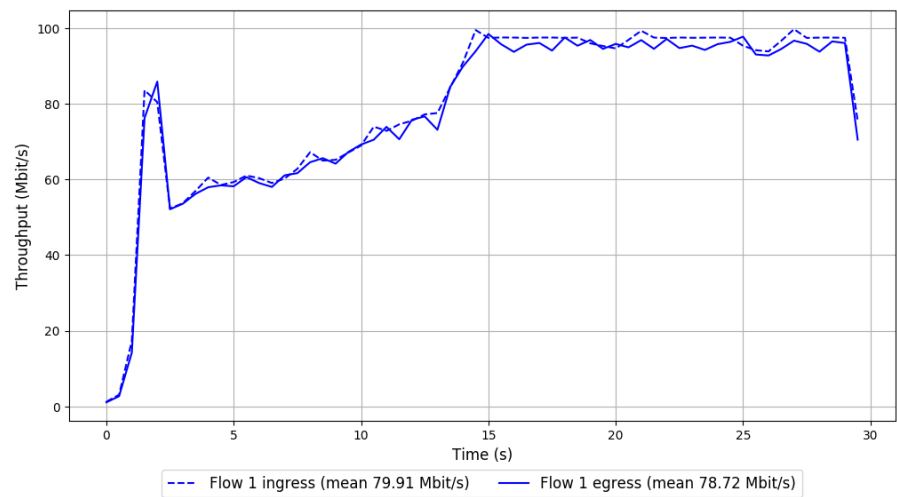
-- Flow 1:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 60.182 ms

Loss rate: 1.71%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-04-03 05:41:24

End at: 2018-04-03 05:41:54

Local clock offset: 0.12 ms

Remote clock offset: -1.373 ms

Below is generated by plot.py at 2018-04-03 13:25:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.80 Mbit/s

95th percentile per-packet one-way delay: 57.985 ms

Loss rate: 1.11%

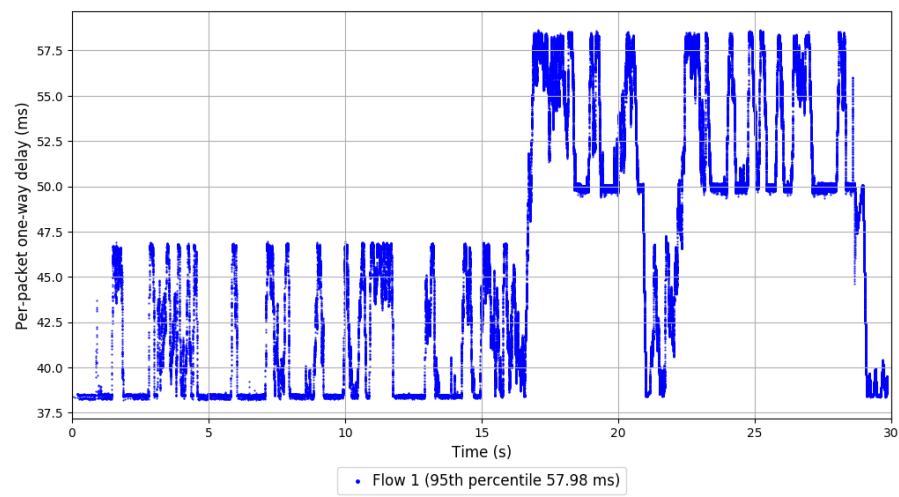
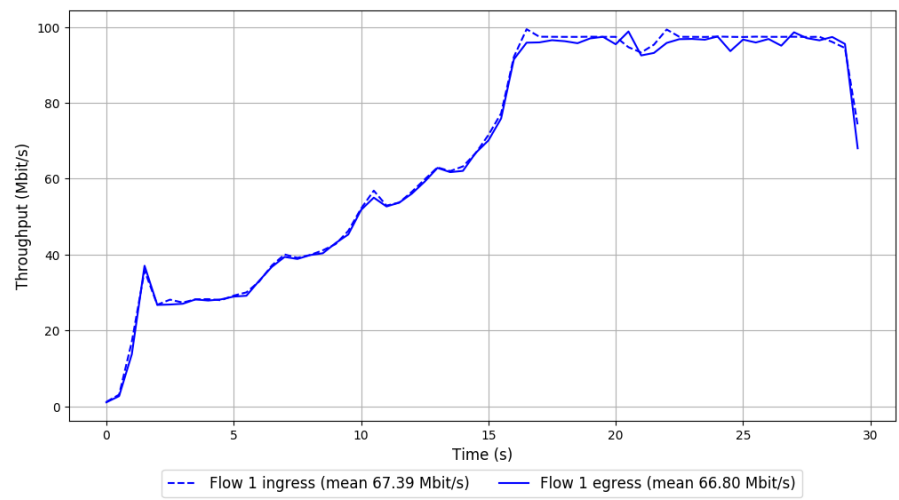
-- Flow 1:

Average throughput: 66.80 Mbit/s

95th percentile per-packet one-way delay: 57.985 ms

Loss rate: 1.11%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

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

End at: 2018-04-03 06:07:20

Local clock offset: 0.088 ms

Remote clock offset: -1.528 ms

Below is generated by plot.py at 2018-04-03 13:25:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 56.349 ms

Loss rate: 1.06%

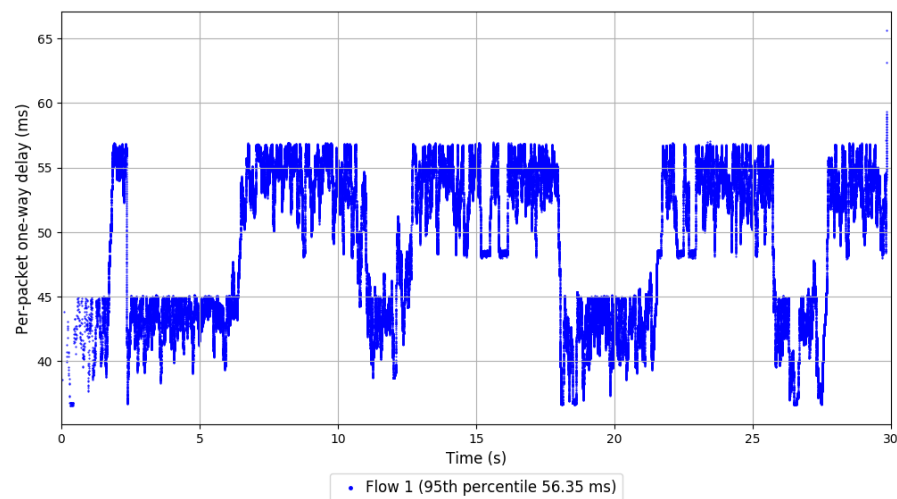
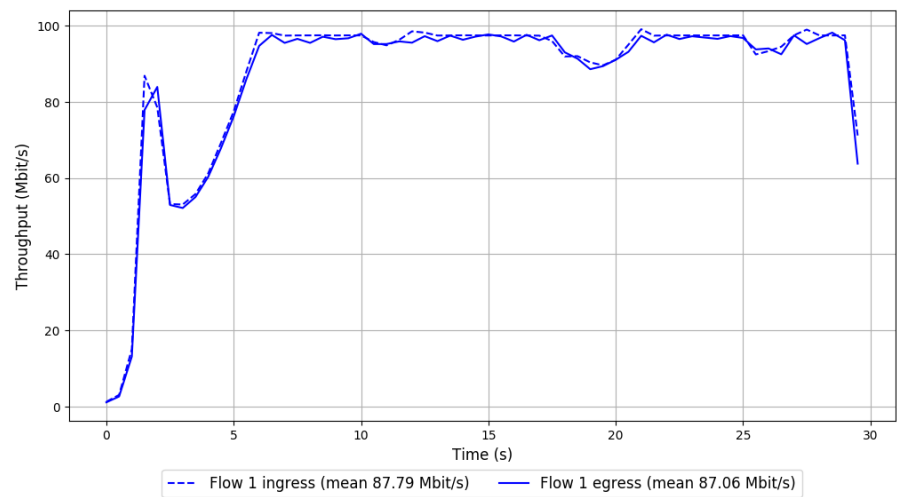
-- Flow 1:

Average throughput: 87.06 Mbit/s

95th percentile per-packet one-way delay: 56.349 ms

Loss rate: 1.06%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-04-03 06:35:12

End at: 2018-04-03 06:35:42

Local clock offset: 0.14 ms

Remote clock offset: -3.425 ms

Below is generated by plot.py at 2018-04-03 13:25:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.03 Mbit/s

95th percentile per-packet one-way delay: 60.269 ms

Loss rate: 1.36%

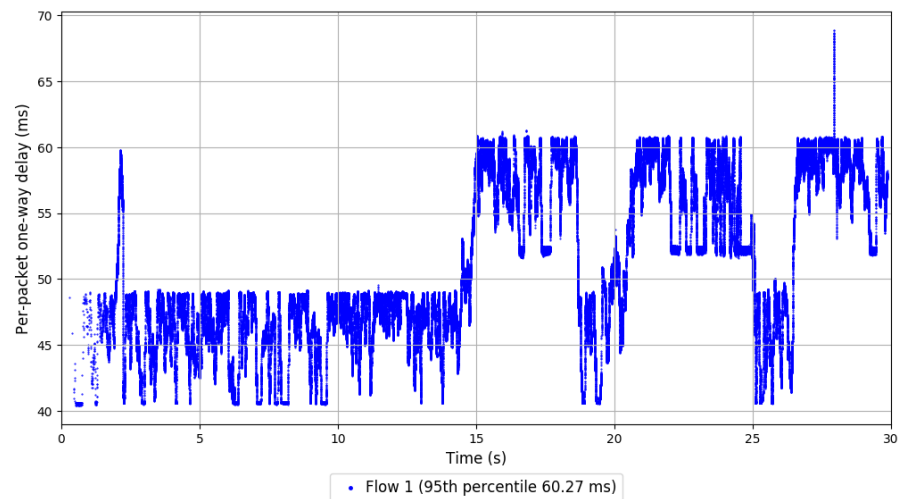
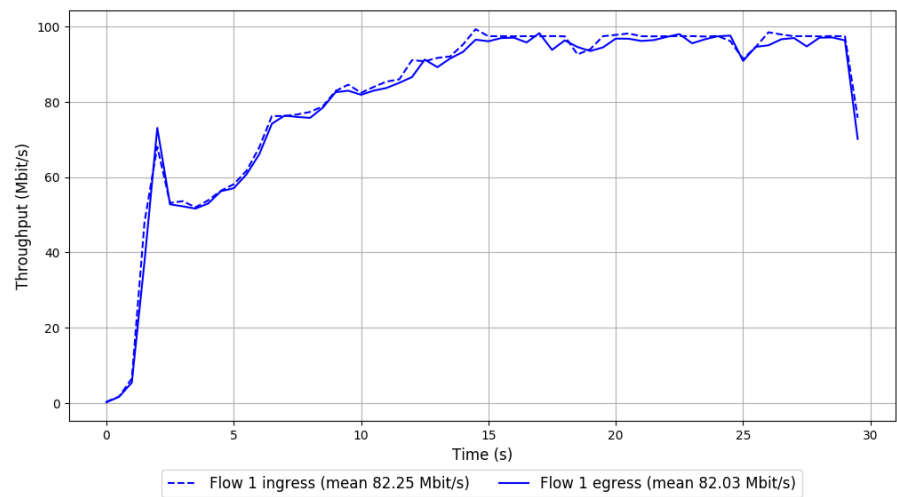
-- Flow 1:

Average throughput: 82.03 Mbit/s

95th percentile per-packet one-way delay: 60.269 ms

Loss rate: 1.36%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

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

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

Local clock offset: 0.122 ms

Remote clock offset: -4.177 ms

Below is generated by plot.py at 2018-04-03 13:25:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.82 Mbit/s

95th percentile per-packet one-way delay: 60.188 ms

Loss rate: 1.36%

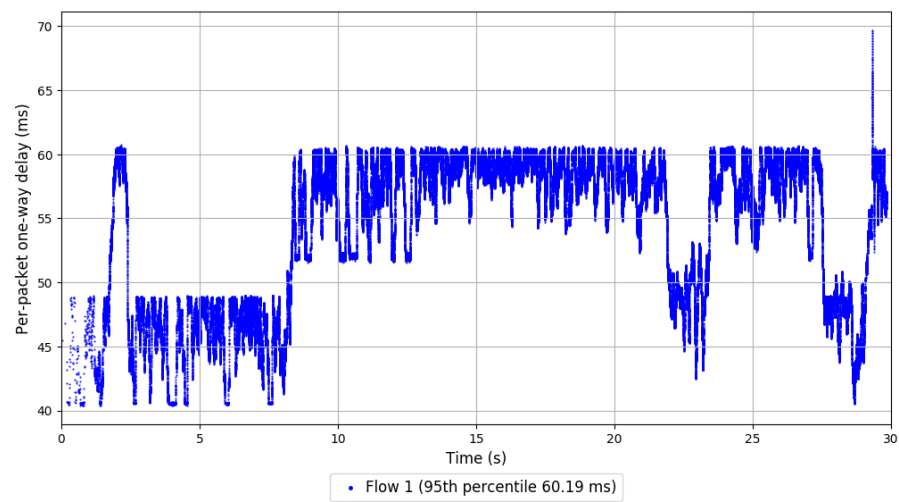
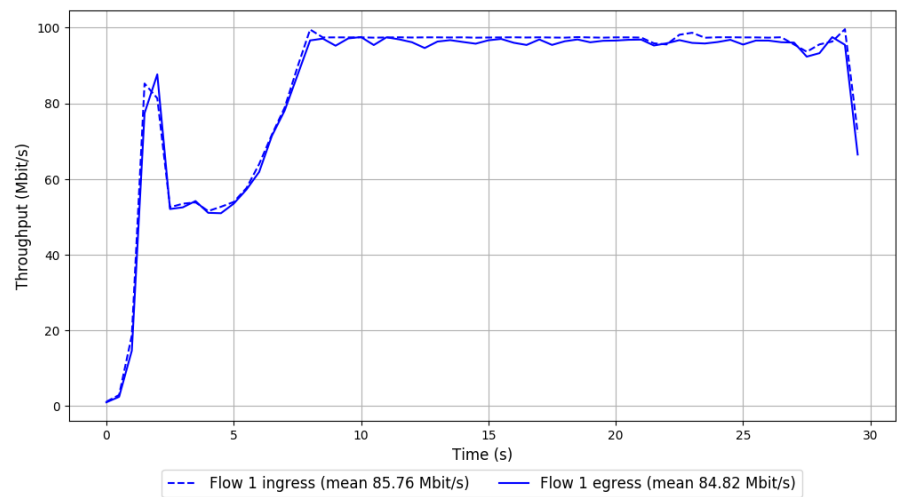
-- Flow 1:

Average throughput: 84.82 Mbit/s

95th percentile per-packet one-way delay: 60.188 ms

Loss rate: 1.36%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-04-03 07:32:05

End at: 2018-04-03 07:32:35

Local clock offset: 0.3 ms

Remote clock offset: -4.889 ms

Below is generated by plot.py at 2018-04-03 13:25:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.96 Mbit/s

95th percentile per-packet one-way delay: 58.694 ms

Loss rate: 1.05%

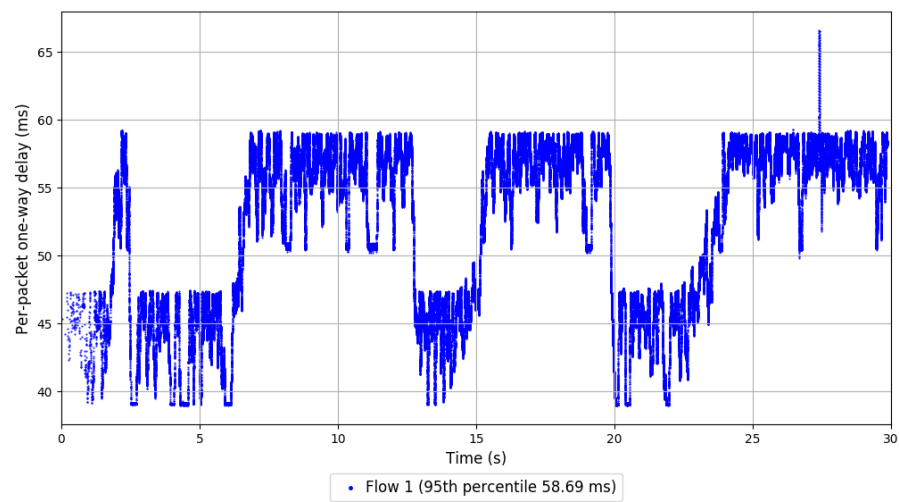
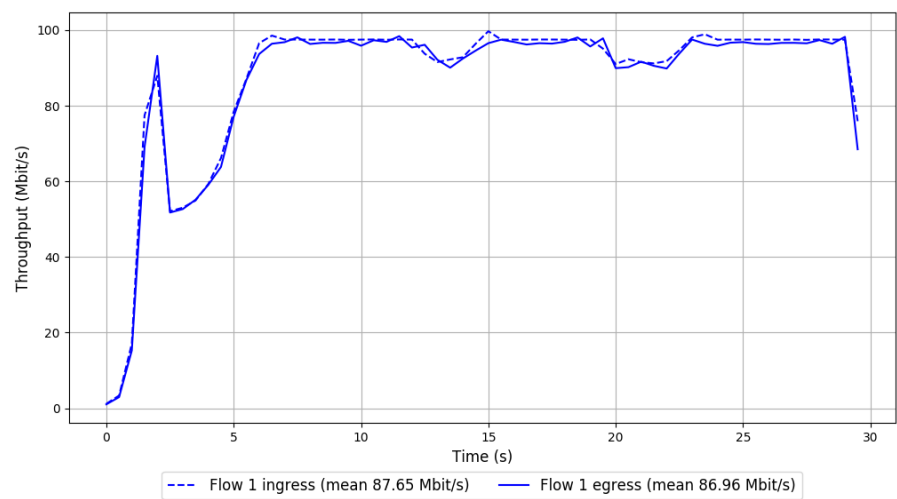
-- Flow 1:

Average throughput: 86.96 Mbit/s

95th percentile per-packet one-way delay: 58.694 ms

Loss rate: 1.05%

Run 7: Report of Vivace-loss — Data Link

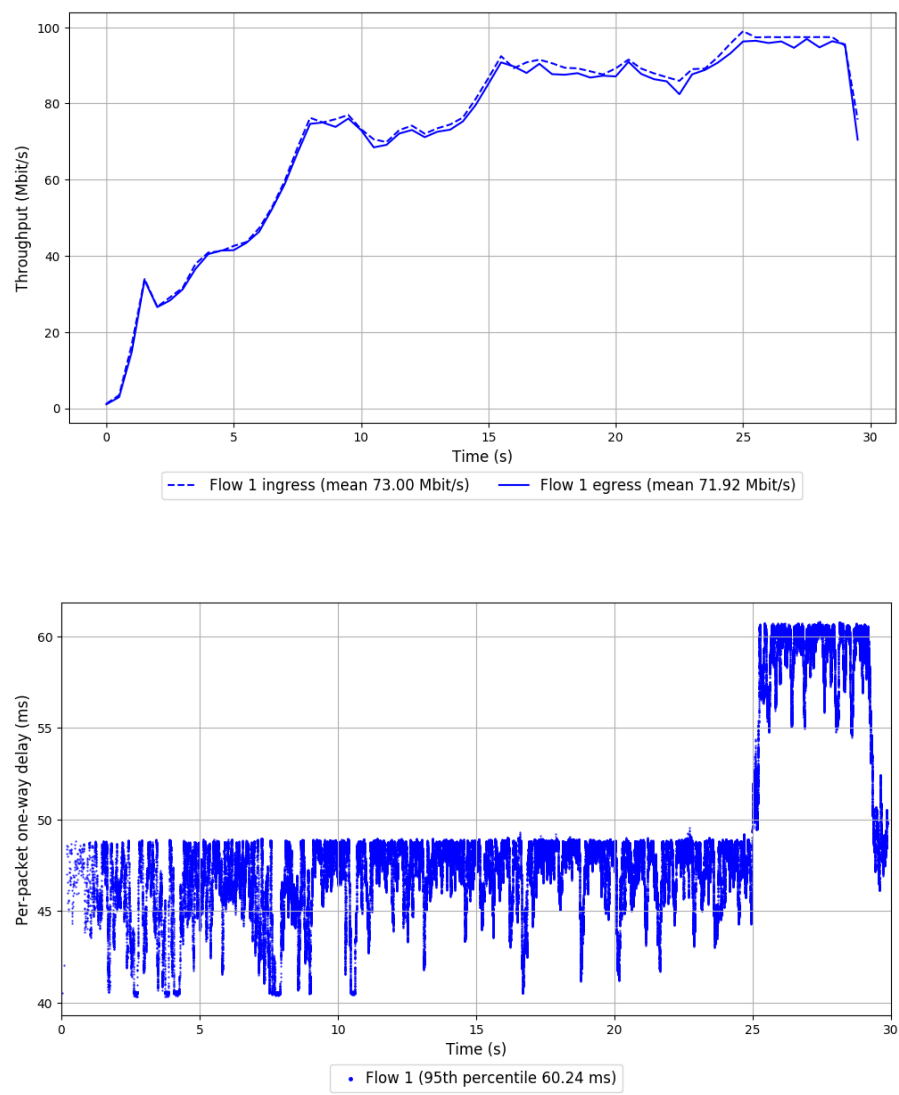


Run 8: Statistics of Vivace-loss

Start at: 2018-04-03 08:00:33
End at: 2018-04-03 08:01:03
Local clock offset: -0.284 ms
Remote clock offset: -7.153 ms

Below is generated by plot.py at 2018-04-03 13:25:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.92 Mbit/s
95th percentile per-packet one-way delay: 60.238 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 71.92 Mbit/s
95th percentile per-packet one-way delay: 60.238 ms
Loss rate: 1.72%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

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

End at: 2018-04-03 08:26:34

Local clock offset: -0.361 ms

Remote clock offset: -3.627 ms

Below is generated by plot.py at 2018-04-03 13:26:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.73 Mbit/s

95th percentile per-packet one-way delay: 57.536 ms

Loss rate: 1.05%

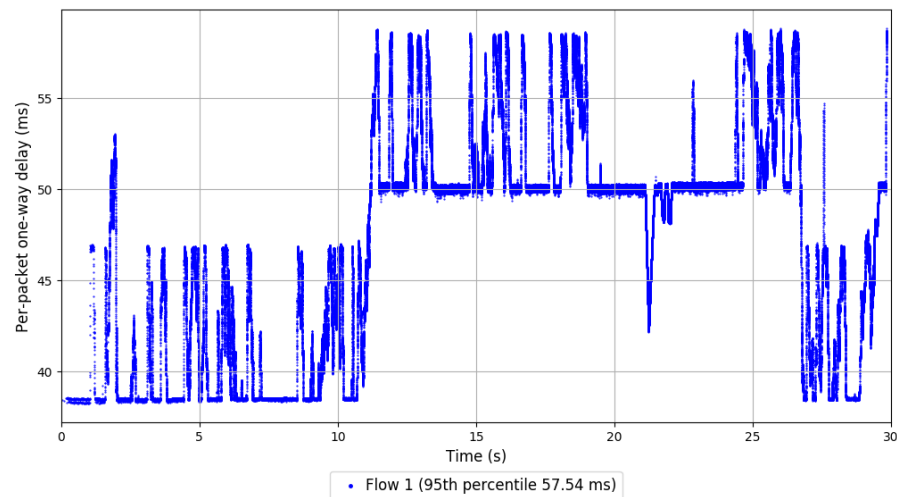
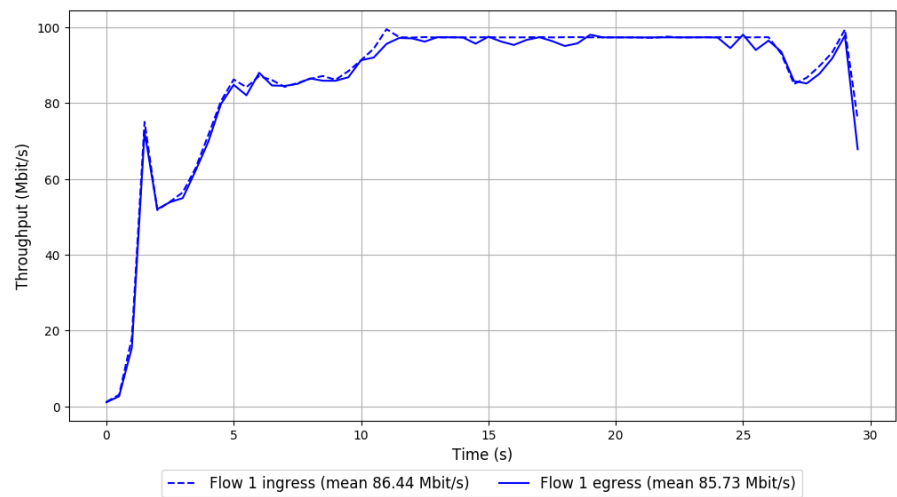
-- Flow 1:

Average throughput: 85.73 Mbit/s

95th percentile per-packet one-way delay: 57.536 ms

Loss rate: 1.05%

Run 9: Report of Vivace-loss — Data Link

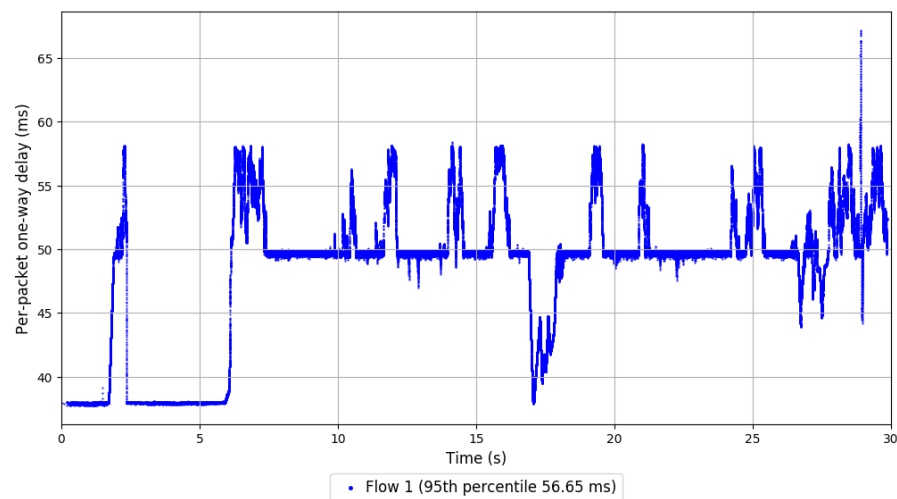
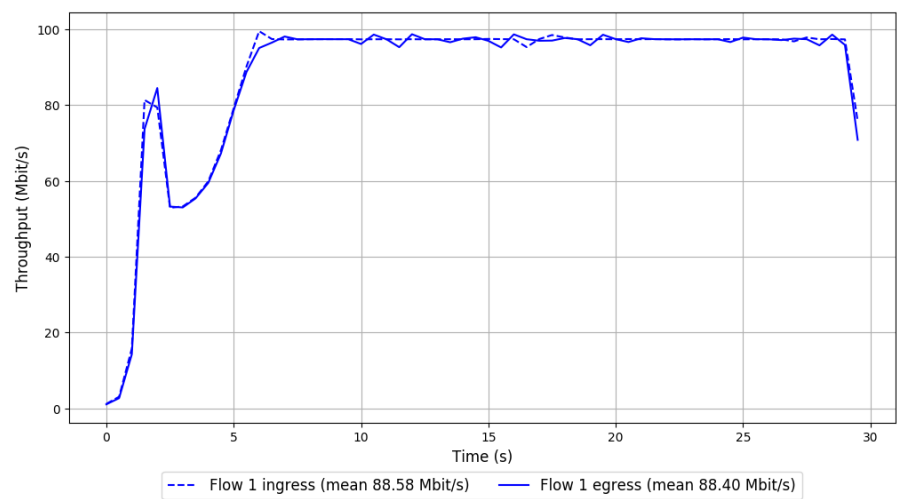


Run 10: Statistics of Vivace-loss

Start at: 2018-04-03 08:50:44
End at: 2018-04-03 08:51:14
Local clock offset: -0.377 ms
Remote clock offset: -0.905 ms

Below is generated by plot.py at 2018-04-03 13:26:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 56.648 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 56.648 ms
Loss rate: 0.43%

Run 10: Report of Vivace-loss — Data Link

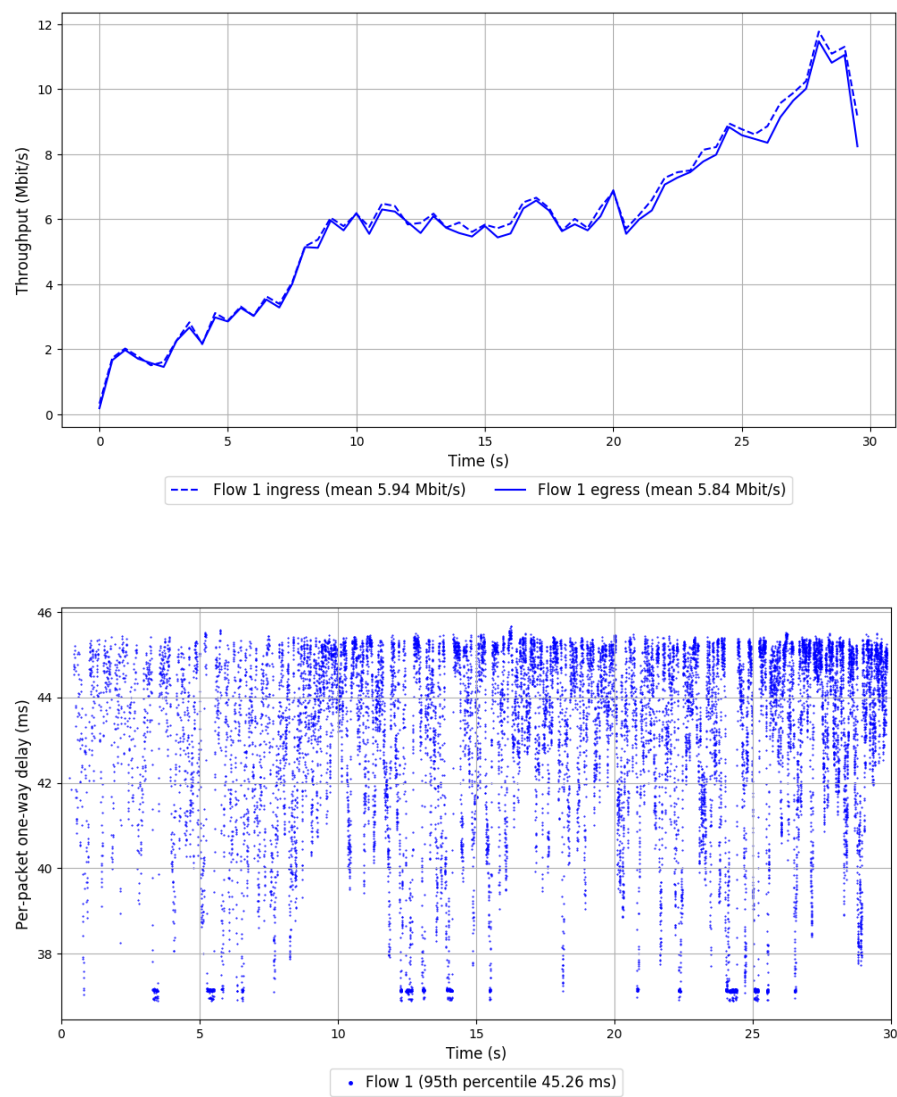


Run 1: Statistics of Vivace-LTE

Start at: 2018-04-03 04:30:41
End at: 2018-04-03 04:31:11
Local clock offset: 0.493 ms
Remote clock offset: -5.964 ms

Below is generated by plot.py at 2018-04-03 13:26:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 45.264 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 45.264 ms
Loss rate: 2.69%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-04-03 05:00:06

End at: 2018-04-03 05:00:36

Local clock offset: 0.227 ms

Remote clock offset: -3.636 ms

Below is generated by plot.py at 2018-04-03 13:26:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.04 Mbit/s

95th percentile per-packet one-way delay: 47.353 ms

Loss rate: 1.78%

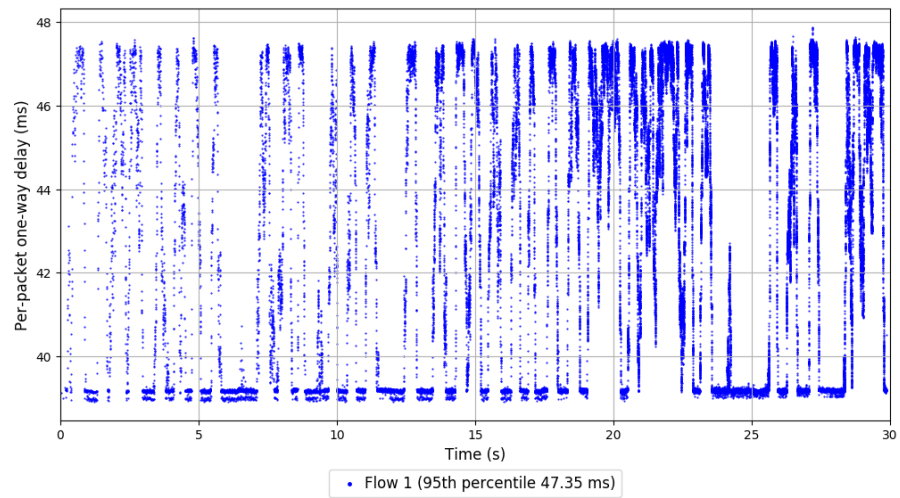
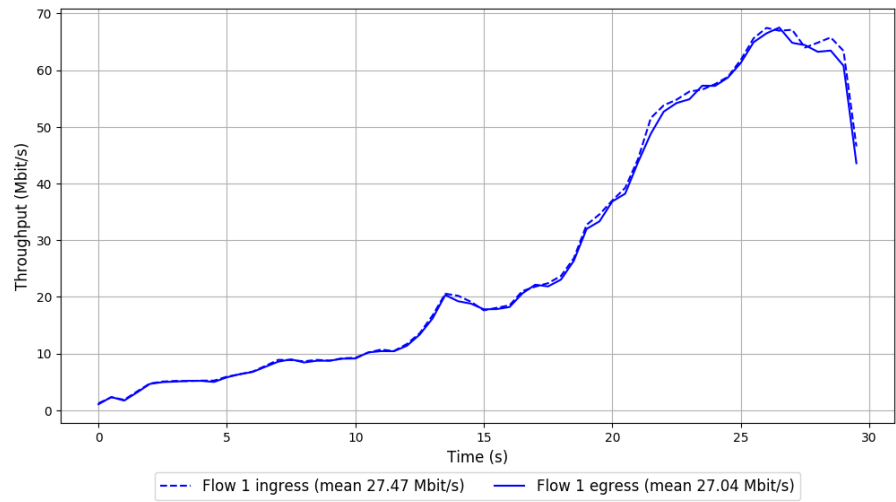
-- Flow 1:

Average throughput: 27.04 Mbit/s

95th percentile per-packet one-way delay: 47.353 ms

Loss rate: 1.78%

Run 2: Report of Vivace-LTE — Data Link

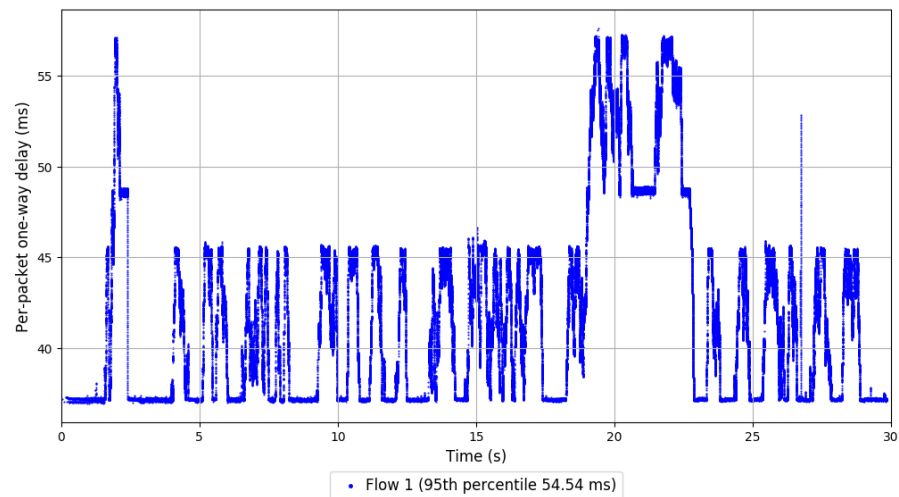
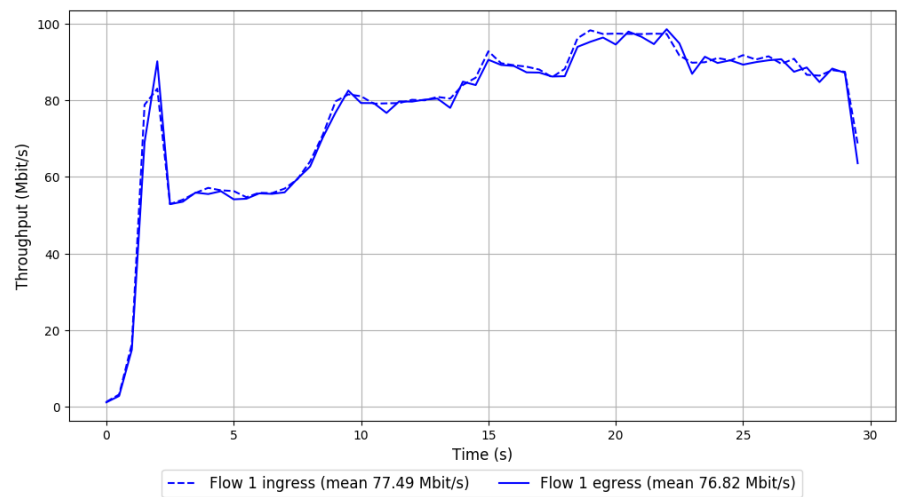


Run 3: Statistics of Vivace-LTE

Start at: 2018-04-03 05:26:59
End at: 2018-04-03 05:27:30
Local clock offset: 0.225 ms
Remote clock offset: -1.438 ms

Below is generated by plot.py at 2018-04-03 13:26:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 54.544 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 54.544 ms
Loss rate: 1.09%

Run 3: Report of Vivace-LTE — Data Link

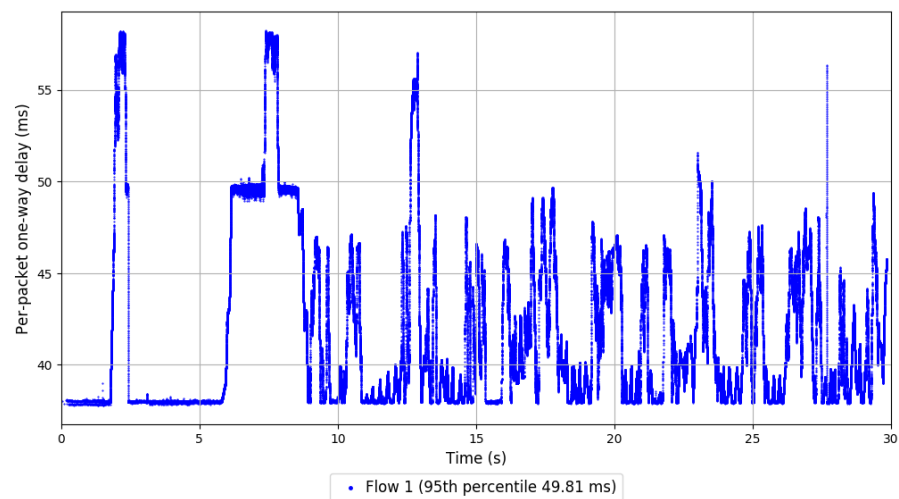
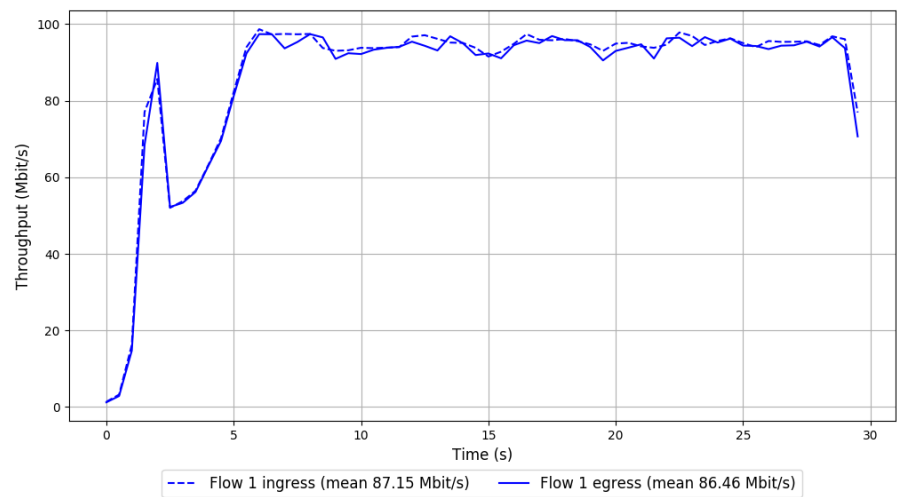


Run 4: Statistics of Vivace-LTE

Start at: 2018-04-03 05:52:41
End at: 2018-04-03 05:53:11
Local clock offset: 0.062 ms
Remote clock offset: -1.176 ms

Below is generated by plot.py at 2018-04-03 13:26:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 49.806 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 49.806 ms
Loss rate: 1.02%

Run 4: Report of Vivace-LTE — Data Link

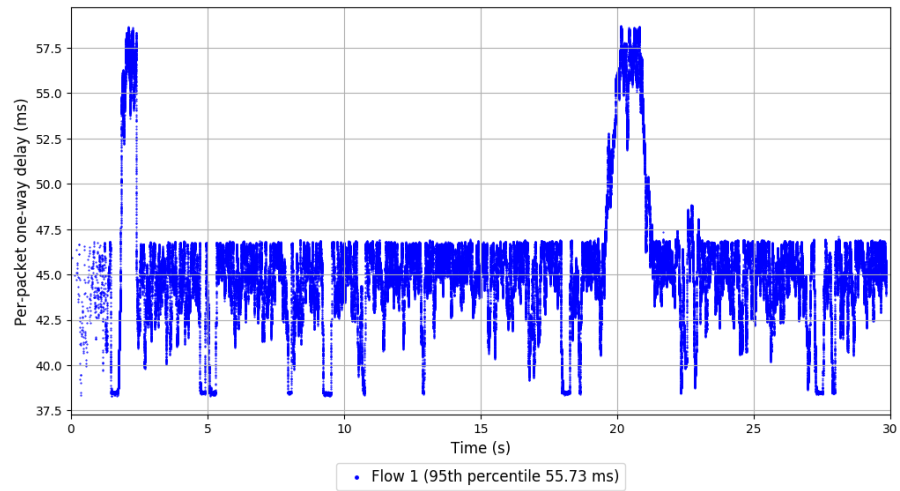
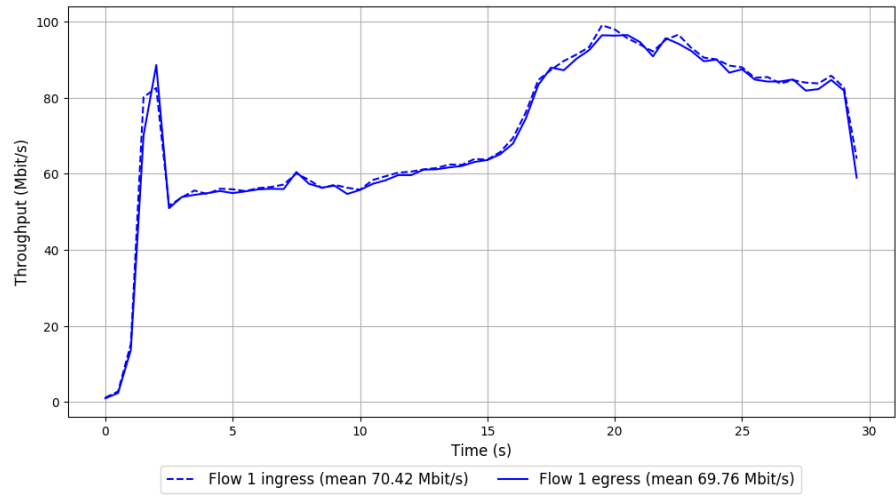


Run 5: Statistics of Vivace-LTE

Start at: 2018-04-03 06:19:21
End at: 2018-04-03 06:19:51
Local clock offset: 0.038 ms
Remote clock offset: -2.021 ms

Below is generated by plot.py at 2018-04-03 13:26:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 55.727 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 55.727 ms
Loss rate: 1.19%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

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

End at: 2018-04-03 06:48:36

Local clock offset: 0.119 ms

Remote clock offset: -1.052 ms

Below is generated by plot.py at 2018-04-03 13:26:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.37 Mbit/s

95th percentile per-packet one-way delay: 55.652 ms

Loss rate: 1.18%

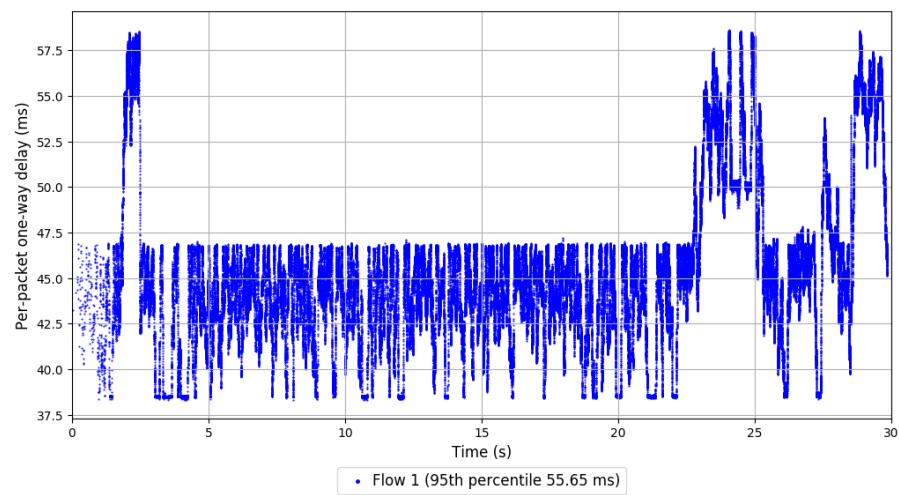
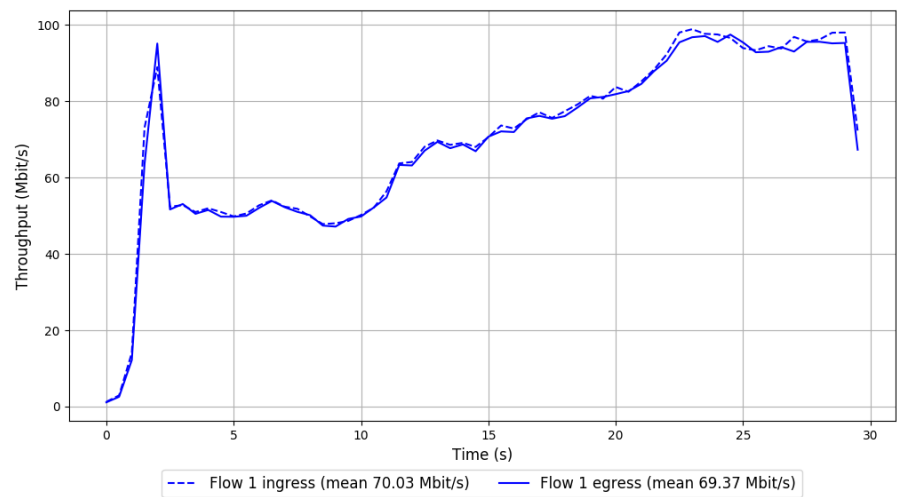
-- Flow 1:

Average throughput: 69.37 Mbit/s

95th percentile per-packet one-way delay: 55.652 ms

Loss rate: 1.18%

Run 6: Report of Vivace-LTE — Data Link

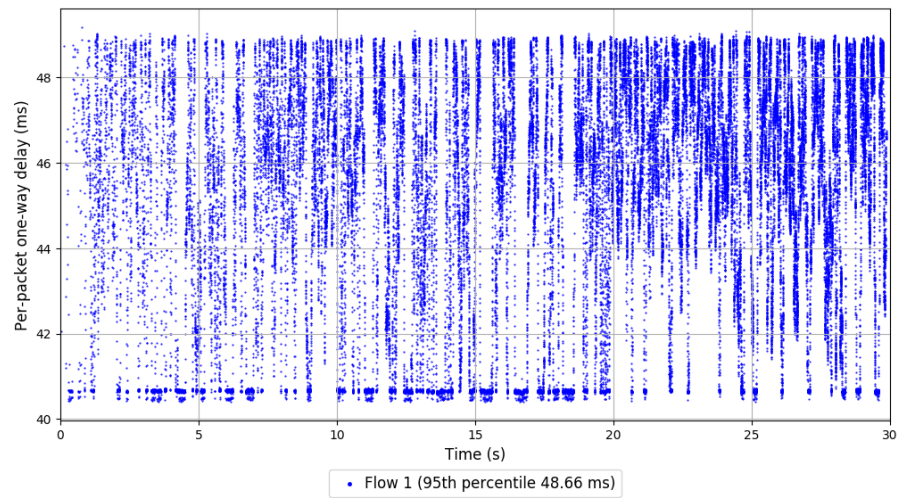
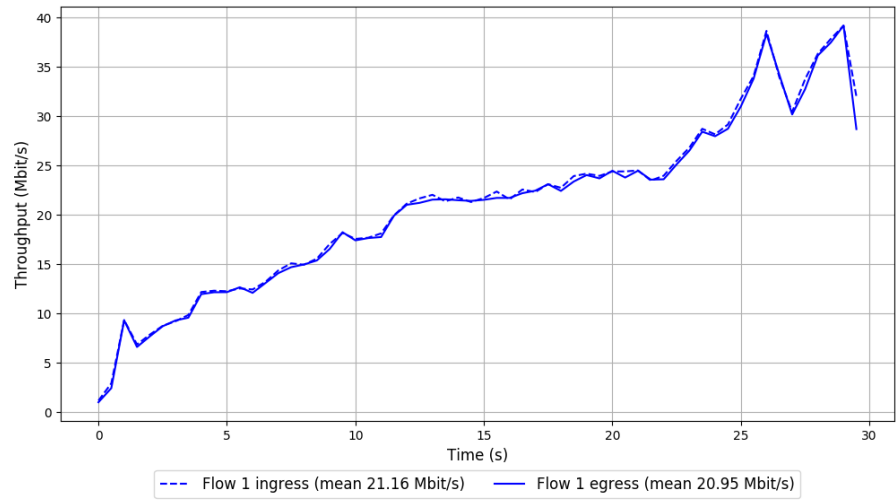


Run 7: Statistics of Vivace-LTE

Start at: 2018-04-03 07:16:45
End at: 2018-04-03 07:17:15
Local clock offset: 0.234 ms
Remote clock offset: -4.445 ms

Below is generated by plot.py at 2018-04-03 13:26:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.95 Mbit/s
95th percentile per-packet one-way delay: 48.662 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 20.95 Mbit/s
95th percentile per-packet one-way delay: 48.662 ms
Loss rate: 1.25%

Run 7: Report of Vivace-LTE — Data Link

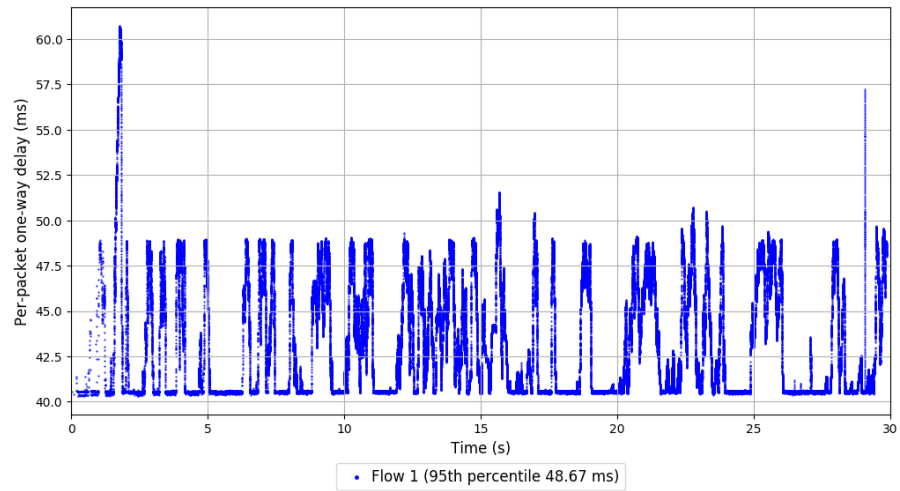
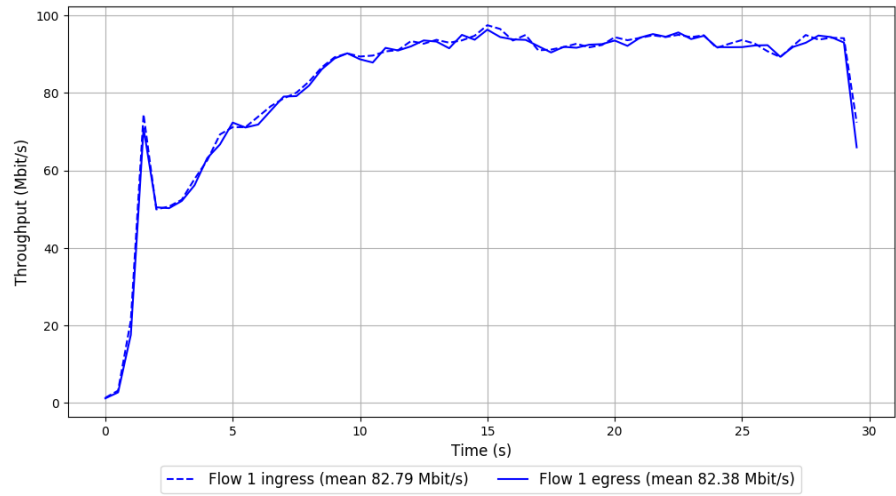


Run 8: Statistics of Vivace-LTE

Start at: 2018-04-03 07:44:42
End at: 2018-04-03 07:45:12
Local clock offset: -0.131 ms
Remote clock offset: -6.651 ms

Below is generated by plot.py at 2018-04-03 13:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.38 Mbit/s
95th percentile per-packet one-way delay: 48.670 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 82.38 Mbit/s
95th percentile per-packet one-way delay: 48.670 ms
Loss rate: 0.72%

Run 8: Report of Vivace-LTE — Data Link

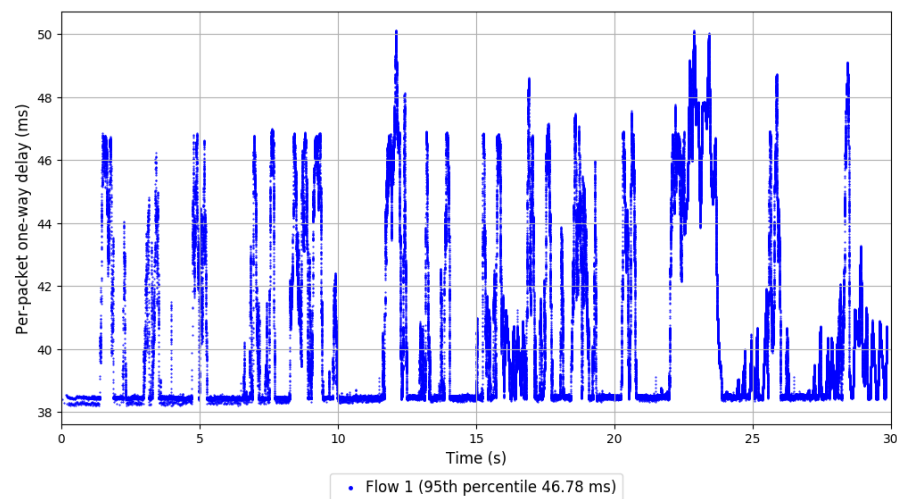
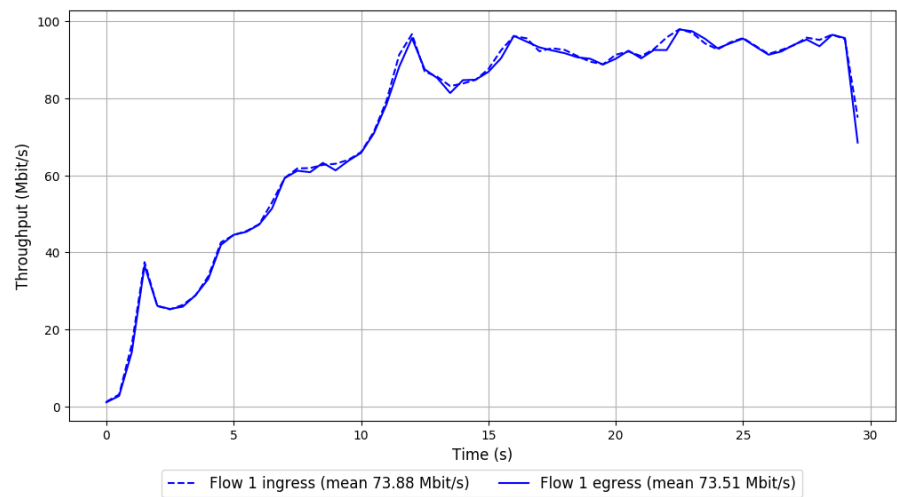


Run 9: Statistics of Vivace-LTE

Start at: 2018-04-03 08:12:35
End at: 2018-04-03 08:13:05
Local clock offset: -0.336 ms
Remote clock offset: -4.195 ms

Below is generated by plot.py at 2018-04-03 13:27:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.51 Mbit/s
95th percentile per-packet one-way delay: 46.776 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 73.51 Mbit/s
95th percentile per-packet one-way delay: 46.776 ms
Loss rate: 0.74%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-04-03 08:37:22
End at: 2018-04-03 08:37:52
Local clock offset: -0.479 ms
Remote clock offset: -2.843 ms

Below is generated by plot.py at 2018-04-03 13:27:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 49.114 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 86.26 Mbit/s
95th percentile per-packet one-way delay: 49.114 ms
Loss rate: 0.45%

Run 10: Report of Vivace-LTE — Data Link

