

Pantheon Report

Generated at 2017-08-22 01:13:19 (UTC).

Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

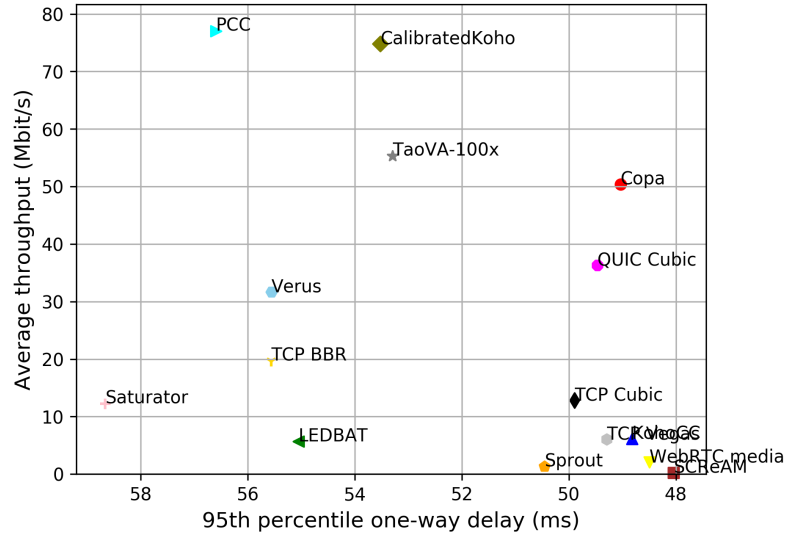
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

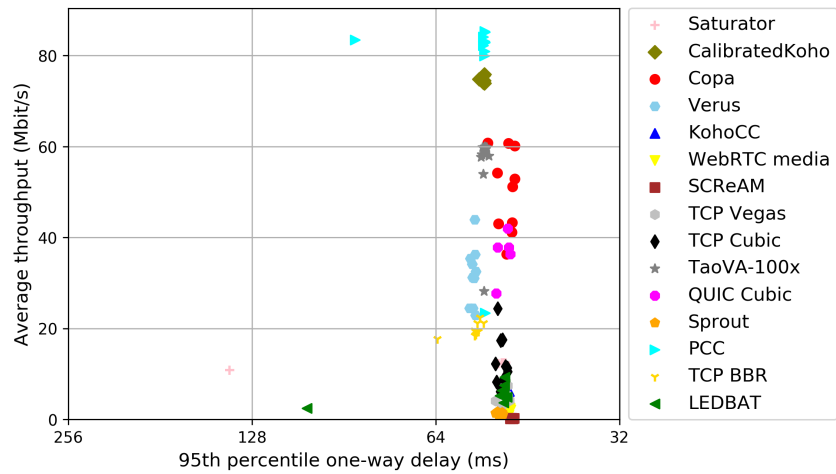
Git summary:

```
branch: master @ e43be7582298d552838afcf6382342bf187fbbd6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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 @ f1a14bffe749737437f61b1eaaeb30b267cde681
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/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS Korea Ethernet to China 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	19.71	55.56	33.17
CalibratedKoho	6	74.80	53.52	4.11
Copa	10	50.37	49.03	0.11
TCP Cubic	10	12.82	49.89	0.56
KohoCC	10	6.14	48.82	0.03
LEDBAT	10	5.68	55.05	0.27
PCC	10	77.06	56.59	1.74
QUIC Cubic	5	36.33	49.47	0.47
Saturator	10	12.26	58.67	0.37
SCReAM	10	0.22	48.04	0.00
Sprout	10	1.36	50.46	0.02
TaoVA-100x	10	55.35	53.30	5.58
TCP Vegas	10	6.02	49.29	0.76
Verus	10	31.64	55.56	64.13
WebRTC media	9	2.08	48.49	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-08-21 21:28:53

End at: 2017-08-21 21:29:23

Local clock offset: 0.866 ms

Remote clock offset: -1.185 ms

Below is generated by plot.py at 2017-08-22 01:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.25 Mbit/s

95th percentile per-packet one-way delay: 54.755 ms

Loss rate: 38.55%

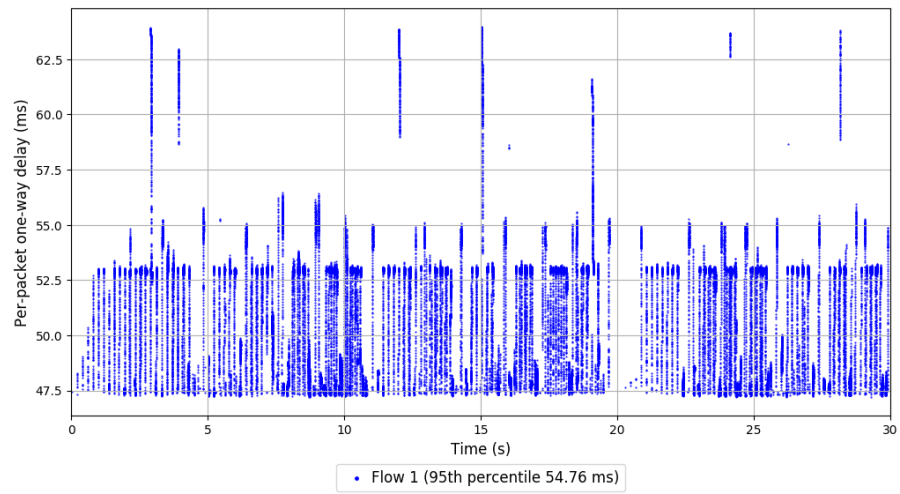
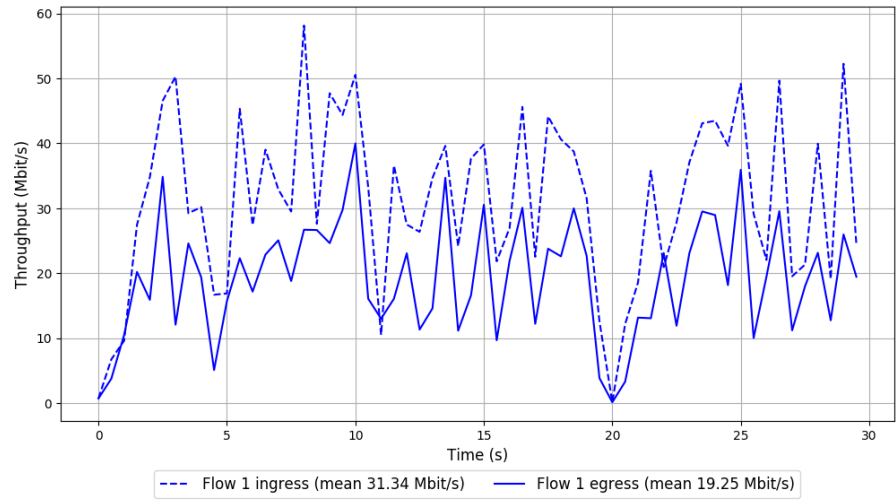
-- Flow 1:

Average throughput: 19.25 Mbit/s

95th percentile per-packet one-way delay: 54.755 ms

Loss rate: 38.55%

Run 1: Report of TCP BBR — Data Link

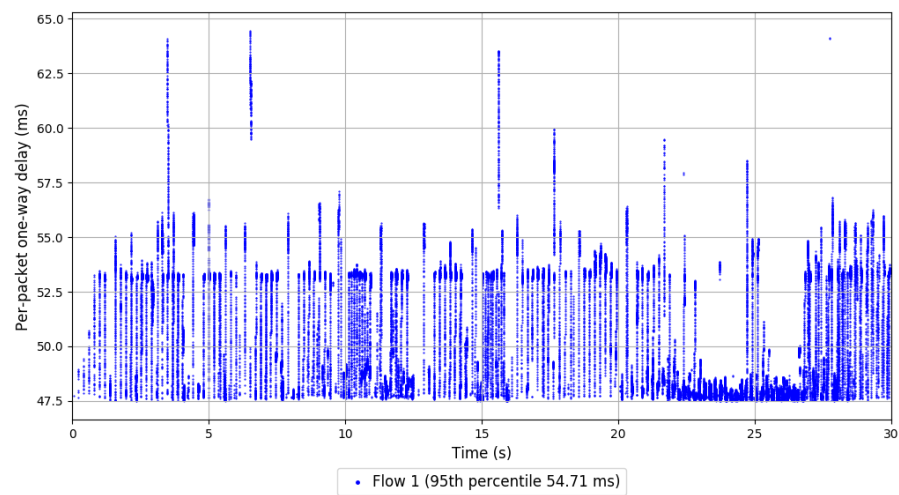
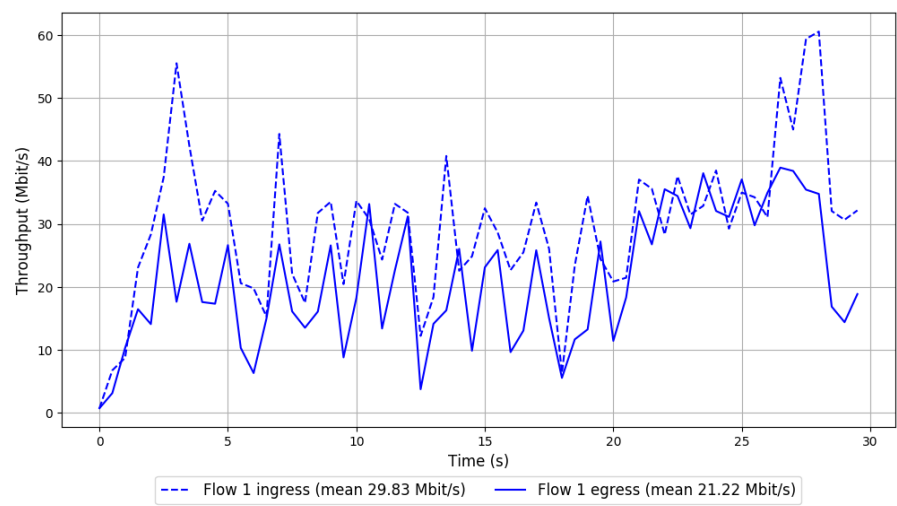


Run 2: Statistics of TCP BBR

Start at: 2017-08-21 21:50:00
End at: 2017-08-21 21:50:30
Local clock offset: 0.984 ms
Remote clock offset: -1.432 ms

Below is generated by plot.py at 2017-08-22 01:07:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 54.709 ms
Loss rate: 28.85%
-- Flow 1:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 54.709 ms
Loss rate: 28.85%

Run 2: Report of TCP BBR — Data Link

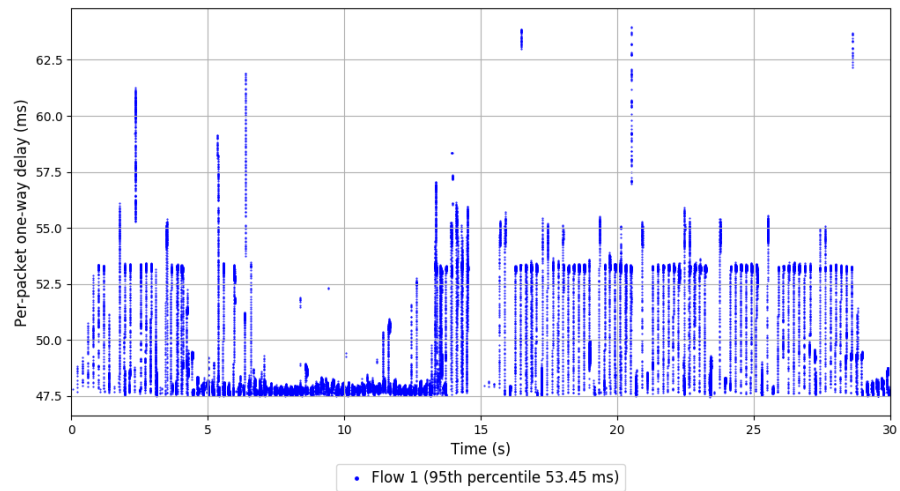
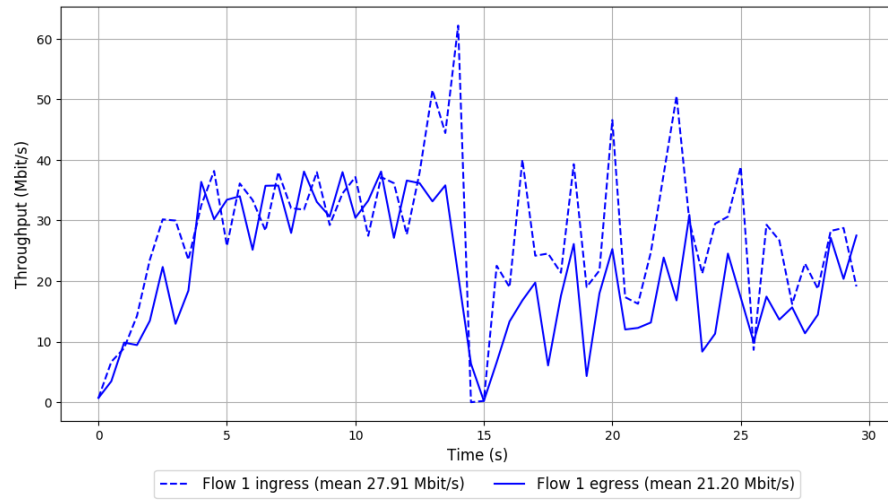


Run 3: Statistics of TCP BBR

Start at: 2017-08-21 22:11:12
End at: 2017-08-21 22:11:42
Local clock offset: 1.055 ms
Remote clock offset: -1.608 ms

Below is generated by plot.py at 2017-08-22 01:07:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 53.451 ms
Loss rate: 24.05%
-- Flow 1:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 53.451 ms
Loss rate: 24.05%

Run 3: Report of TCP BBR — Data Link

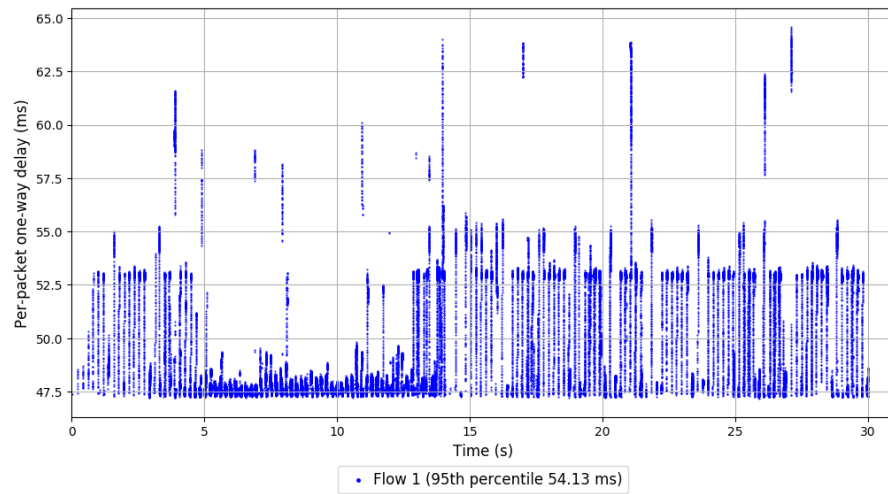
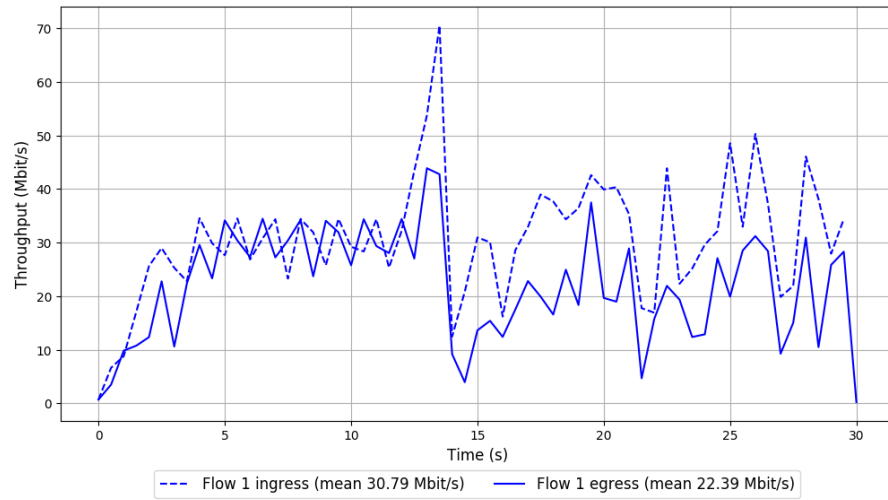


Run 4: Statistics of TCP BBR

Start at: 2017-08-21 22:33:01
End at: 2017-08-21 22:33:31
Local clock offset: 1.114 ms
Remote clock offset: -1.662 ms

Below is generated by plot.py at 2017-08-22 01:07:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 54.135 ms
Loss rate: 27.27%
-- Flow 1:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 54.135 ms
Loss rate: 27.27%

Run 4: Report of TCP BBR — Data Link

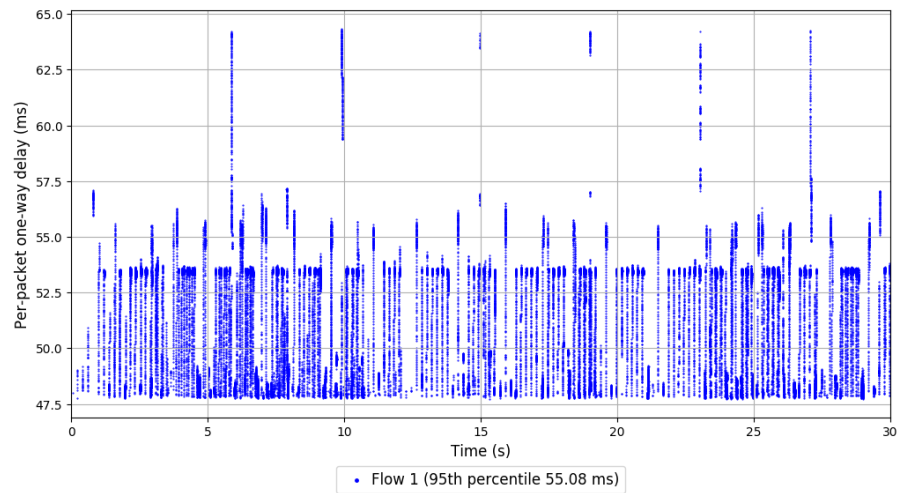
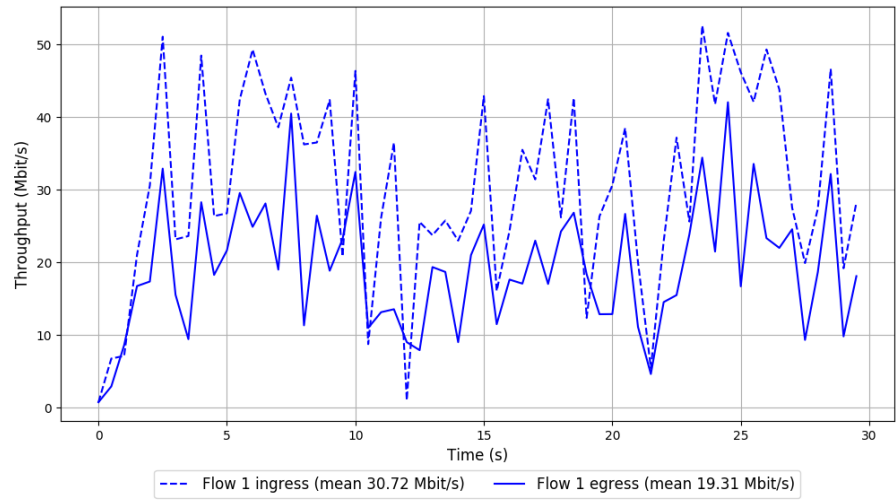


Run 5: Statistics of TCP BBR

Start at: 2017-08-21 22:53:17
End at: 2017-08-21 22:53:47
Local clock offset: 0.85 ms
Remote clock offset: -1.693 ms

Below is generated by plot.py at 2017-08-22 01:07:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 55.079 ms
Loss rate: 37.13%
-- Flow 1:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 55.079 ms
Loss rate: 37.13%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-08-21 23:14:55

End at: 2017-08-21 23:15:25

Local clock offset: 0.853 ms

Remote clock offset: -1.67 ms

Below is generated by plot.py at 2017-08-22 01:07:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.33 Mbit/s

95th percentile per-packet one-way delay: 54.463 ms

Loss rate: 25.80%

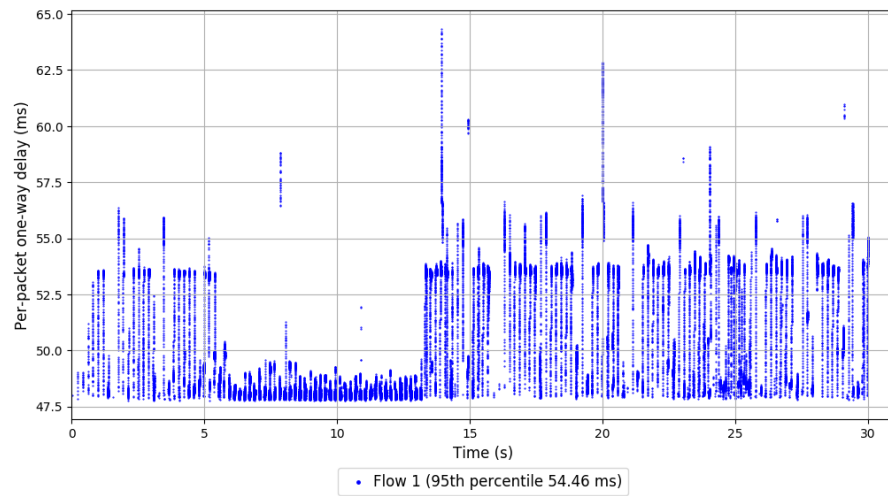
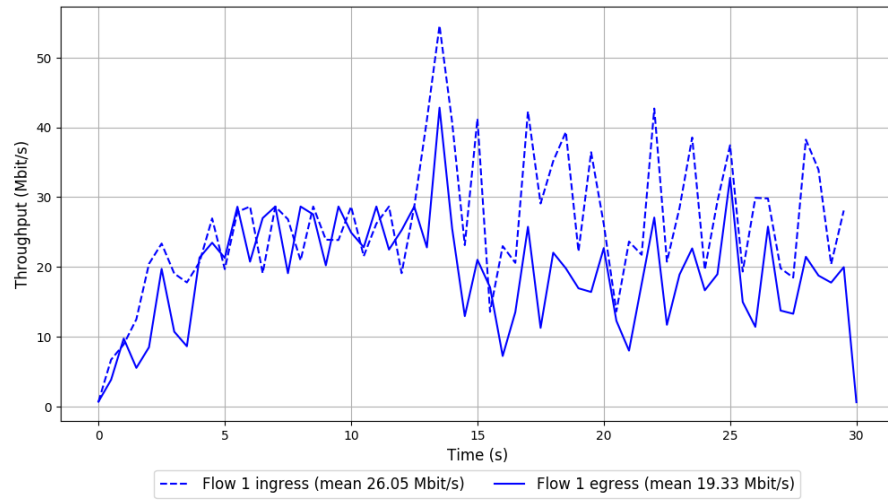
-- Flow 1:

Average throughput: 19.33 Mbit/s

95th percentile per-packet one-way delay: 54.463 ms

Loss rate: 25.80%

Run 6: Report of TCP BBR — Data Link

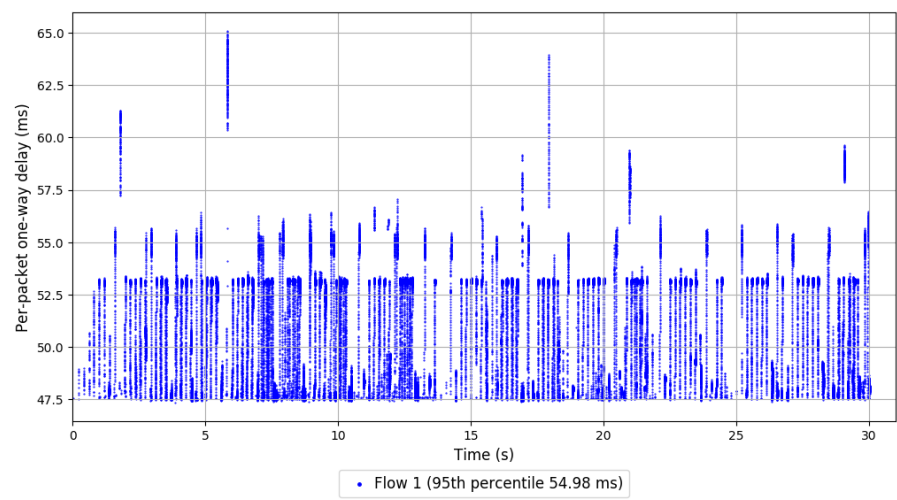
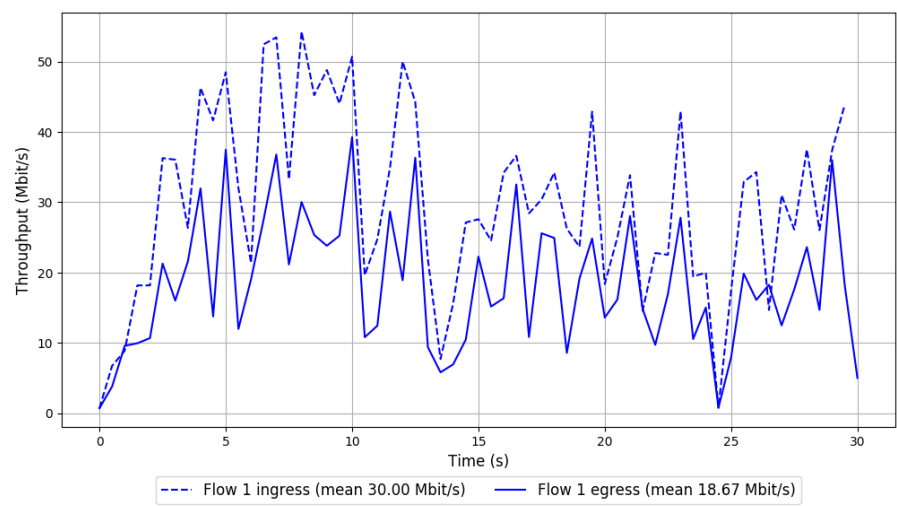


Run 7: Statistics of TCP BBR

Start at: 2017-08-21 23:35:40
End at: 2017-08-21 23:36:10
Local clock offset: 0.958 ms
Remote clock offset: -1.825 ms

Below is generated by plot.py at 2017-08-22 01:07:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 54.983 ms
Loss rate: 37.76%
-- Flow 1:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 54.983 ms
Loss rate: 37.76%

Run 7: Report of TCP BBR — Data Link

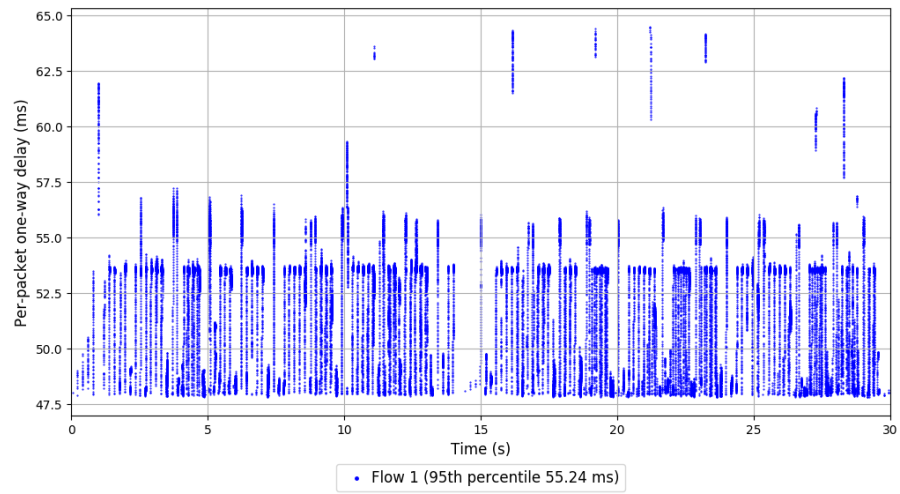
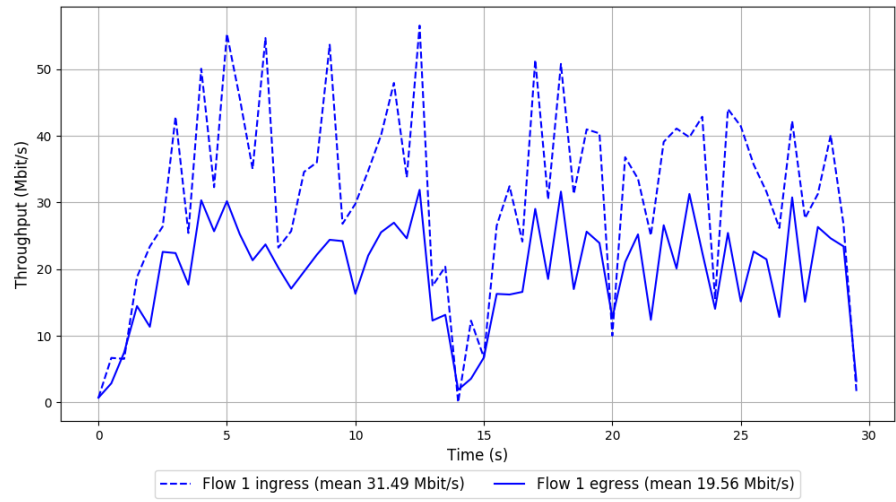


Run 8: Statistics of TCP BBR

Start at: 2017-08-21 23:55:59
End at: 2017-08-21 23:56:29
Local clock offset: 0.972 ms
Remote clock offset: -1.713 ms

Below is generated by plot.py at 2017-08-22 01:07:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.56 Mbit/s
95th percentile per-packet one-way delay: 55.241 ms
Loss rate: 37.90%
-- Flow 1:
Average throughput: 19.56 Mbit/s
95th percentile per-packet one-way delay: 55.241 ms
Loss rate: 37.90%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-08-22 00:16:55

End at: 2017-08-22 00:17:25

Local clock offset: 1.063 ms

Remote clock offset: -1.593 ms

Below is generated by plot.py at 2017-08-22 01:07:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.68 Mbit/s

95th percentile per-packet one-way delay: 63.620 ms

Loss rate: 36.80%

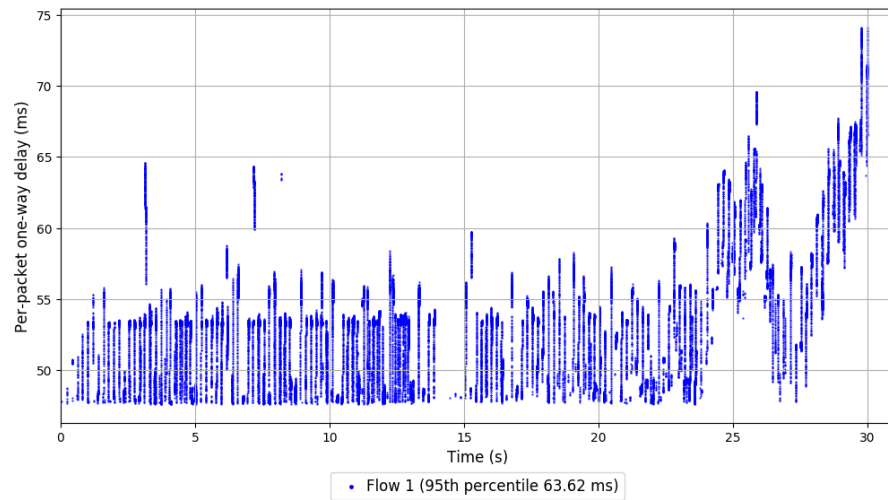
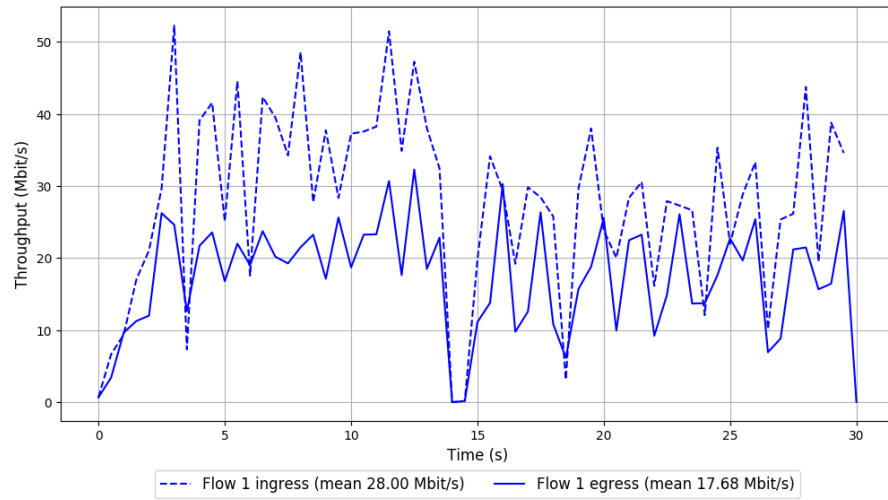
-- Flow 1:

Average throughput: 17.68 Mbit/s

95th percentile per-packet one-way delay: 63.620 ms

Loss rate: 36.80%

Run 9: Report of TCP BBR — Data Link

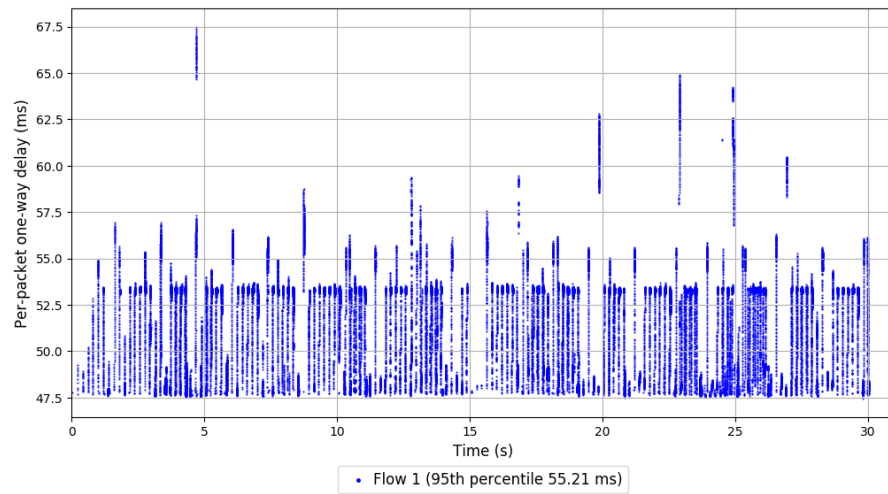
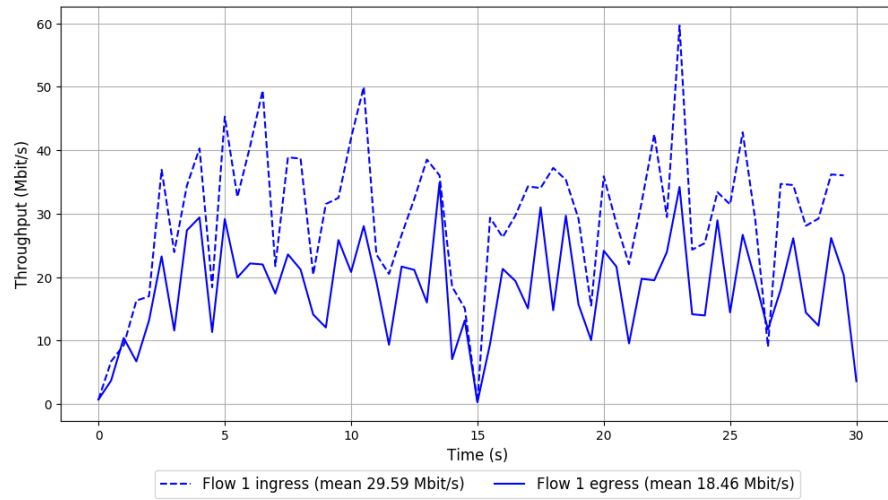


Run 10: Statistics of TCP BBR

Start at: 2017-08-22 00:36:57
End at: 2017-08-22 00:37:27
Local clock offset: 1.068 ms
Remote clock offset: -1.646 ms

Below is generated by plot.py at 2017-08-22 01:07:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 55.207 ms
Loss rate: 37.62%
-- Flow 1:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 55.207 ms
Loss rate: 37.62%

Run 10: Report of TCP BBR — Data Link

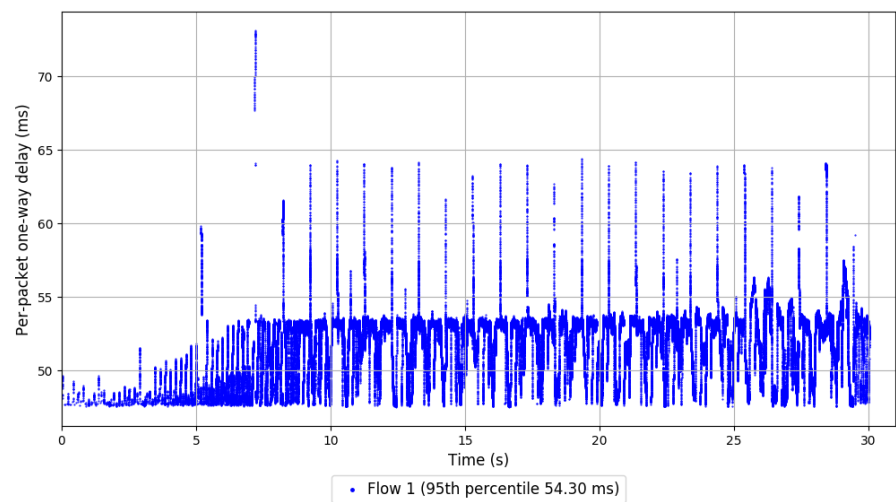
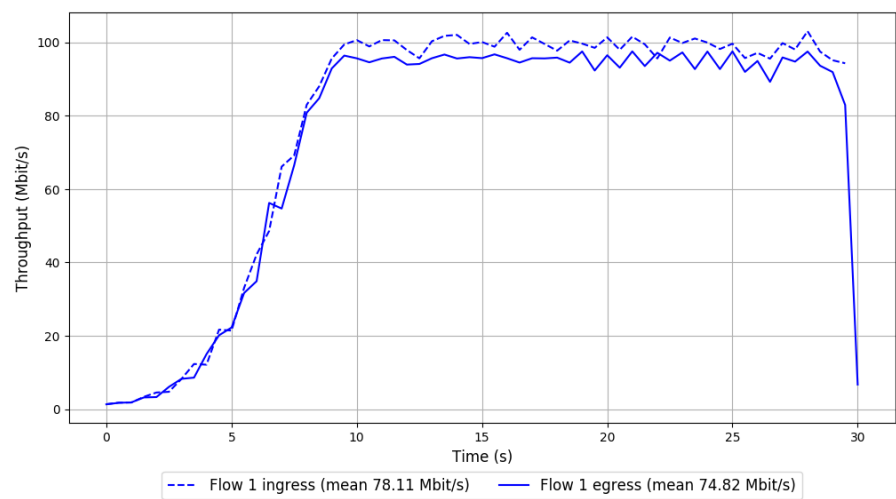


Run 1: Statistics of CalibratedKoho

Start at: 2017-08-21 21:24:03
End at: 2017-08-21 21:24:33
Local clock offset: 0.51 ms
Remote clock offset: -1.125 ms

Below is generated by plot.py at 2017-08-22 01:07:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 4.20%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

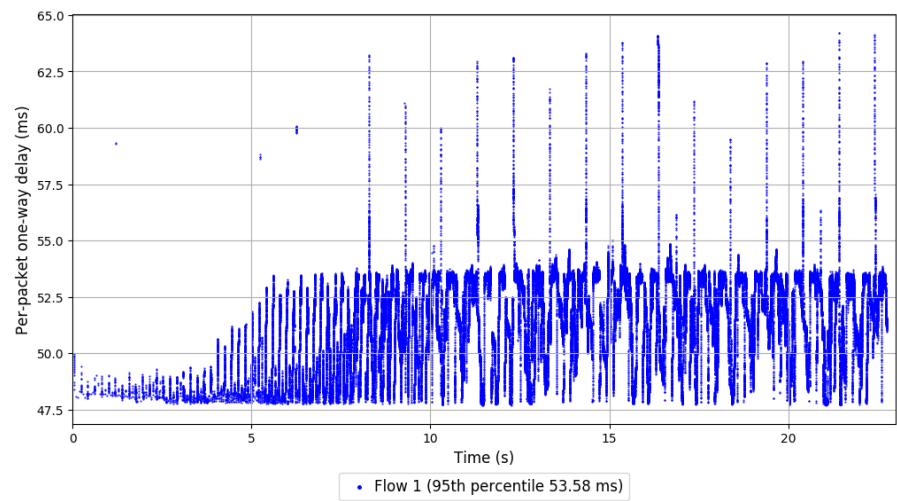
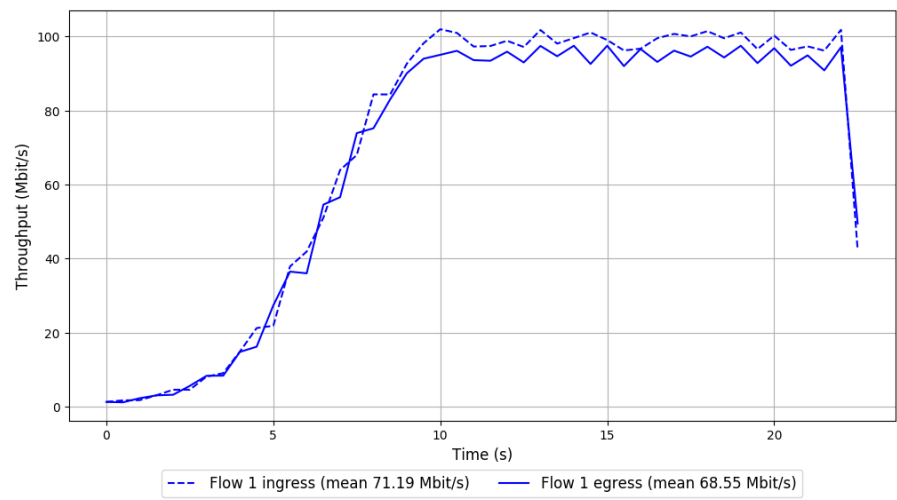
Start at: 2017-08-21 21:45:06

End at: 2017-08-21 21:45:36

Local clock offset: 0.703 ms

Remote clock offset: -1.425 ms

Run 2: Report of CalibratedKoho — Data Link

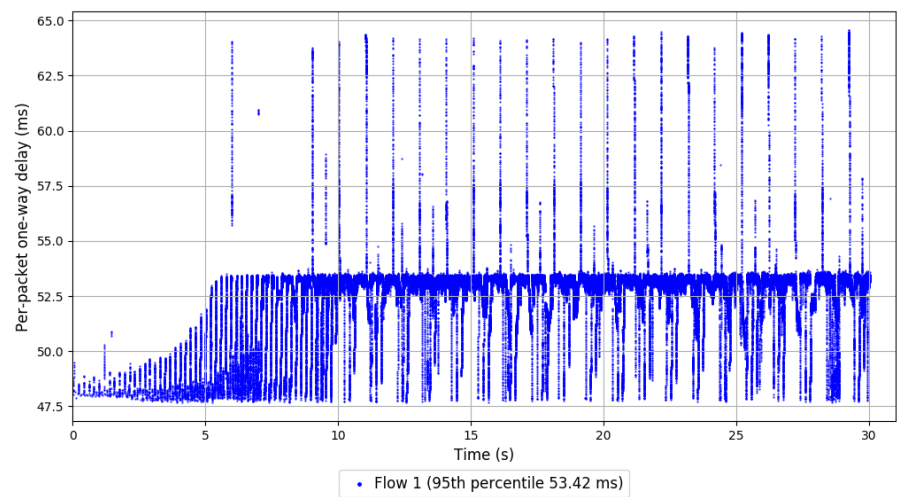
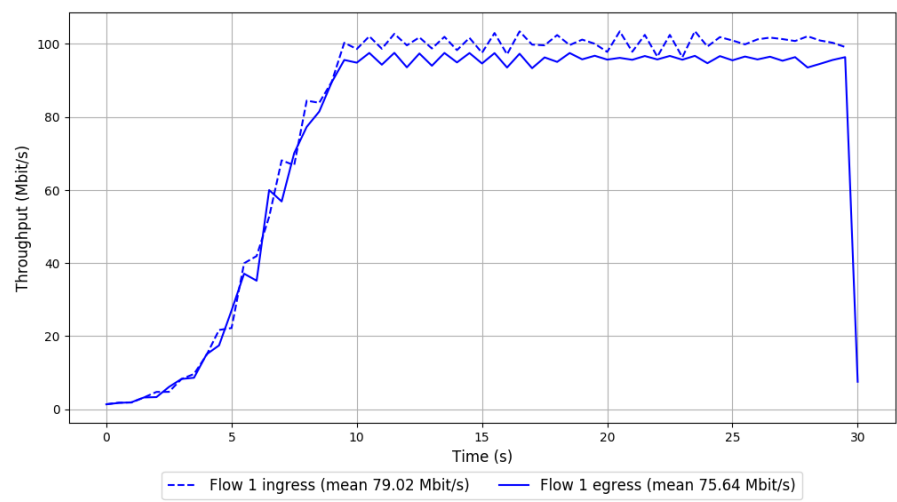


Run 3: Statistics of CalibratedKoho

Start at: 2017-08-21 22:06:21
End at: 2017-08-21 22:06:51
Local clock offset: 0.846 ms
Remote clock offset: -1.558 ms

Below is generated by plot.py at 2017-08-22 01:08:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.64 Mbit/s
95th percentile per-packet one-way delay: 53.421 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 75.64 Mbit/s
95th percentile per-packet one-way delay: 53.421 ms
Loss rate: 4.26%

Run 3: Report of CalibratedKoho — Data Link

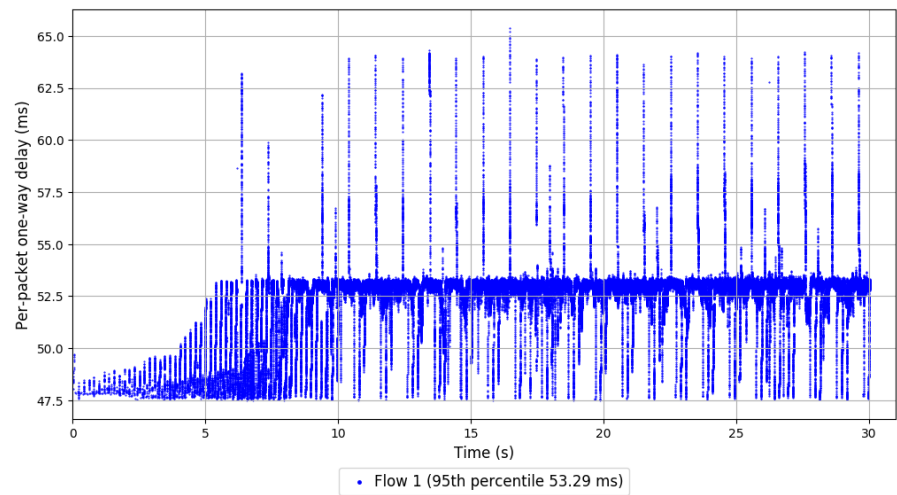
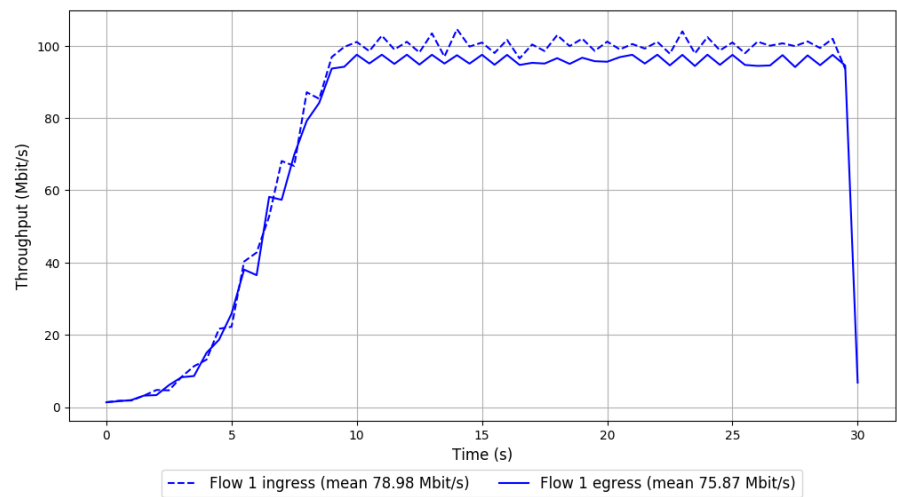


Run 4: Statistics of CalibratedKoho

Start at: 2017-08-21 22:27:45
End at: 2017-08-21 22:28:16
Local clock offset: 0.878 ms
Remote clock offset: -1.659 ms

Below is generated by plot.py at 2017-08-22 01:08:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 53.294 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 53.294 ms
Loss rate: 3.93%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-08-21 22:49:06

End at: 2017-08-21 22:49:36

Local clock offset: 1.139 ms

Remote clock offset: -1.721 ms

Run 5: Report of CalibratedKoho — Data Link

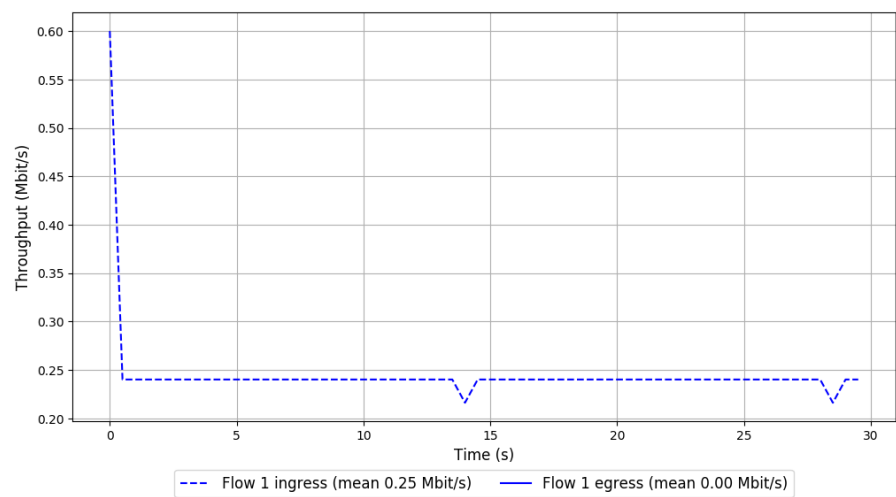


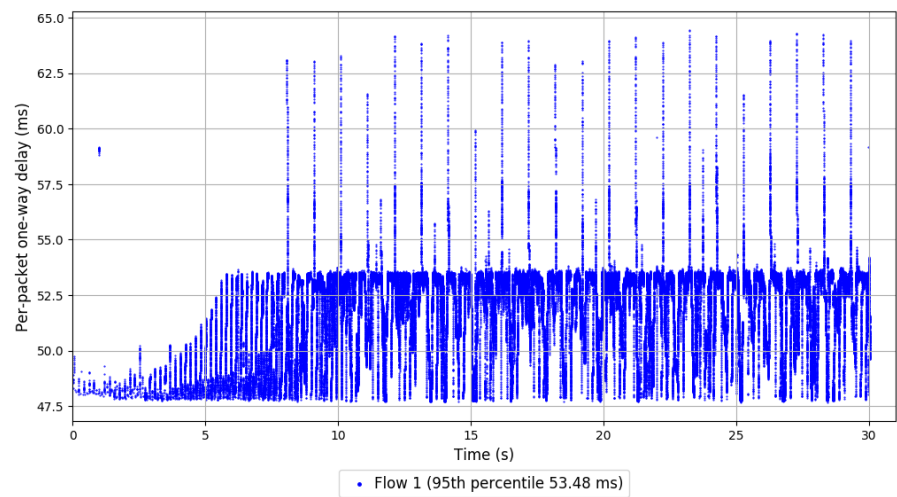
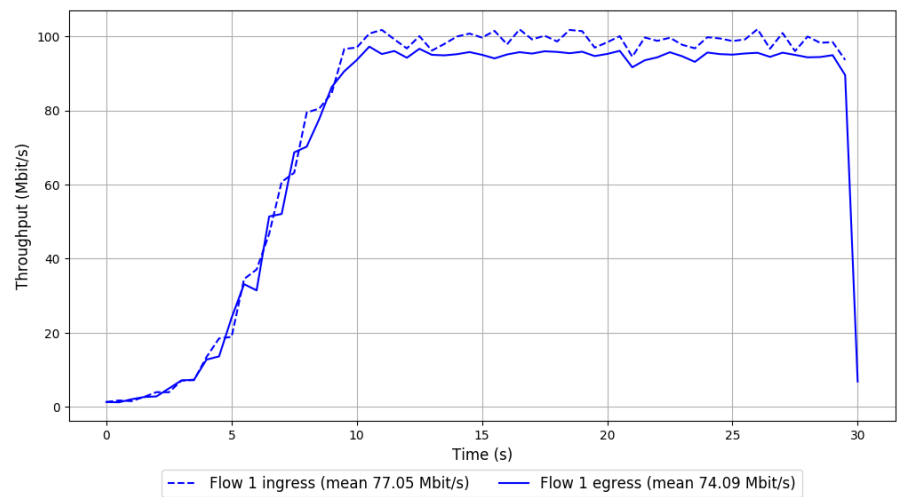
Figure is missing

Run 6: Statistics of CalibratedKoho

Start at: 2017-08-21 23:09:45
End at: 2017-08-21 23:10:15
Local clock offset: 0.823 ms
Remote clock offset: -1.756 ms

Below is generated by plot.py at 2017-08-22 01:08:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 53.483 ms
Loss rate: 3.83%
-- Flow 1:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 53.483 ms
Loss rate: 3.83%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

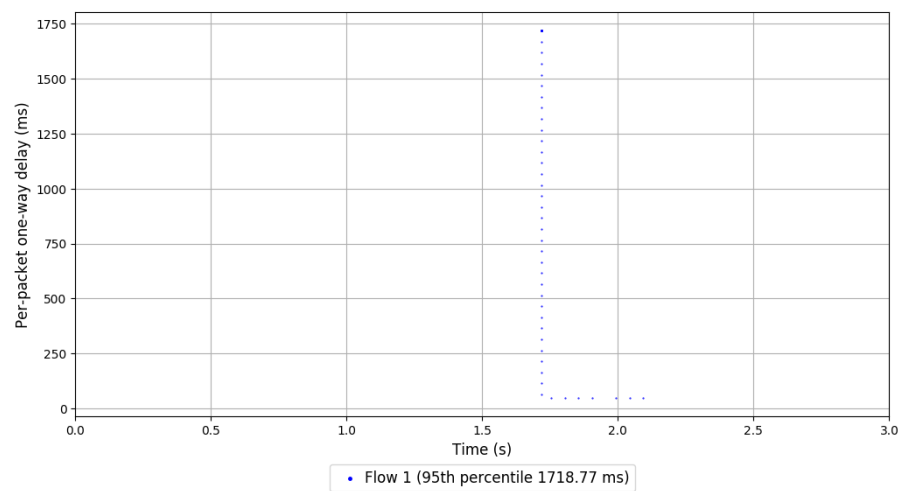
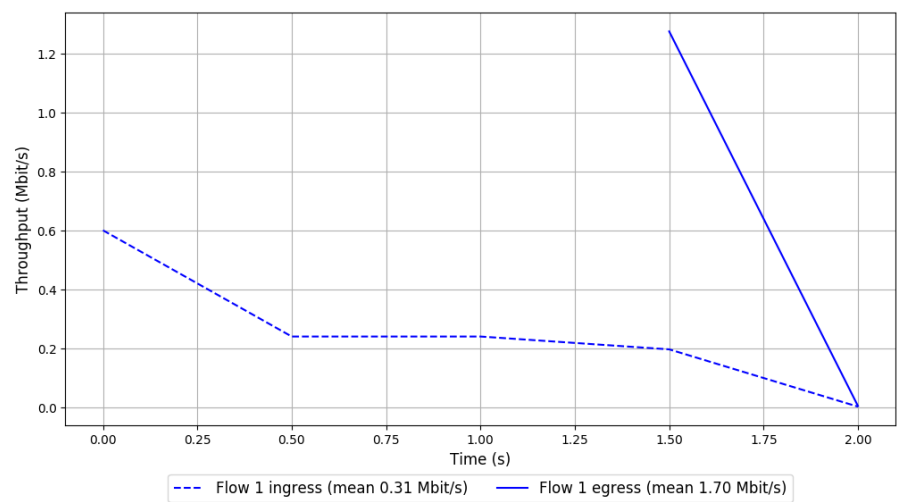
Start at: 2017-08-21 23:31:20

End at: 2017-08-21 23:31:50

Local clock offset: 1.747 ms

Remote clock offset: -1.792 ms

Run 7: Report of CalibratedKoho — Data Link

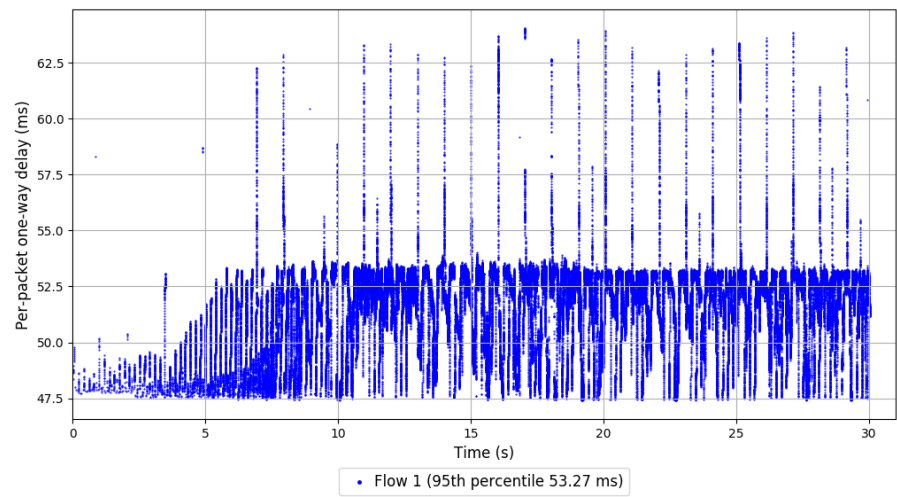
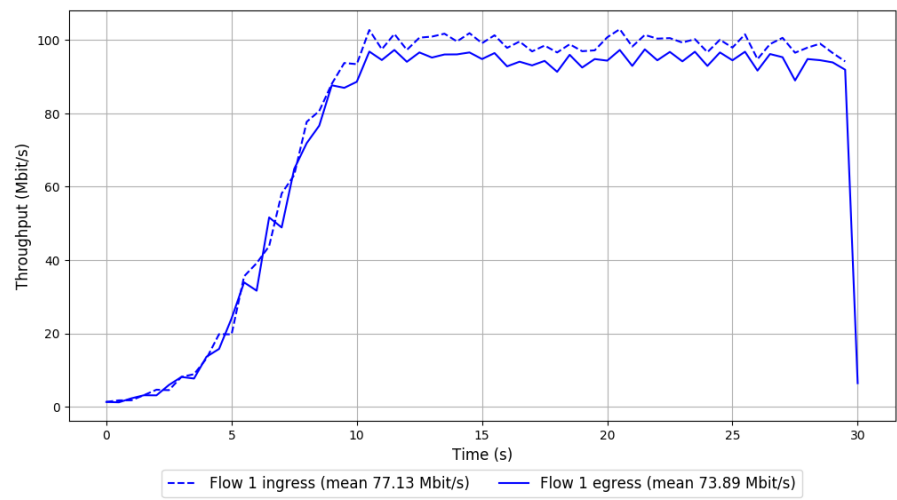


Run 8: Statistics of CalibratedKoho

Start at: 2017-08-21 23:51:14
End at: 2017-08-21 23:51:44
Local clock offset: 1.312 ms
Remote clock offset: -1.766 ms

Below is generated by plot.py at 2017-08-22 01:08:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 53.266 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 53.266 ms
Loss rate: 4.20%

Run 8: Report of CalibratedKoho — Data Link

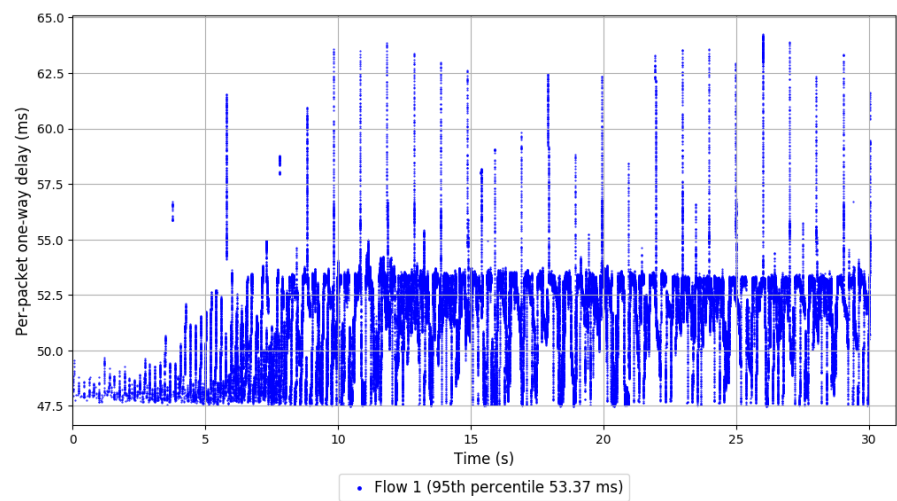
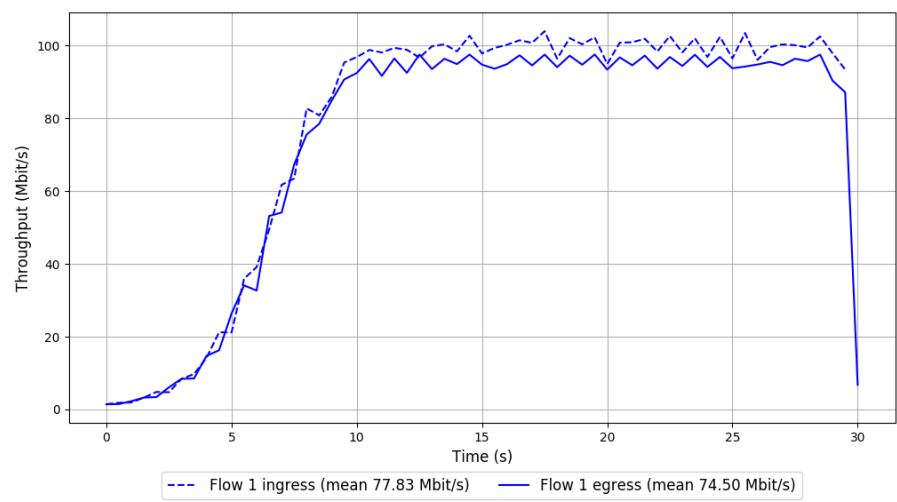


Run 9: Statistics of CalibratedKoho

Start at: 2017-08-22 00:12:10
End at: 2017-08-22 00:12:40
Local clock offset: 1.323 ms
Remote clock offset: -1.705 ms

Below is generated by plot.py at 2017-08-22 01:08:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.50 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 74.50 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 4.26%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

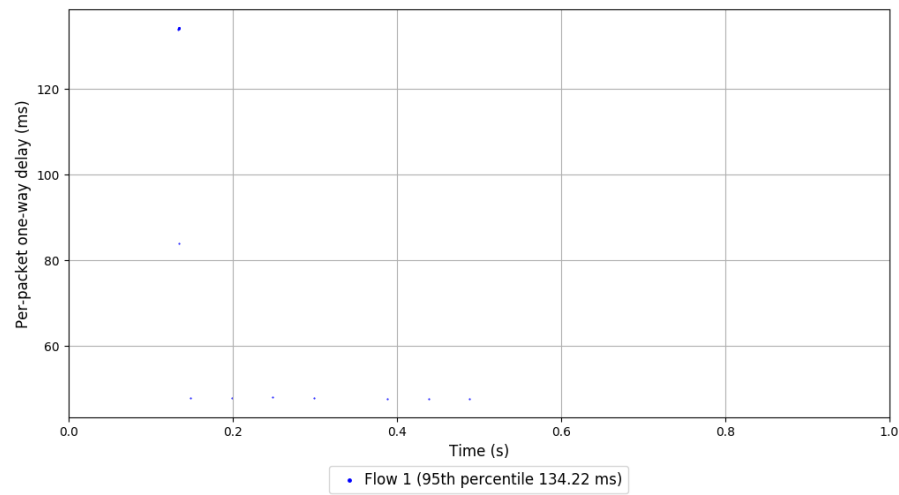
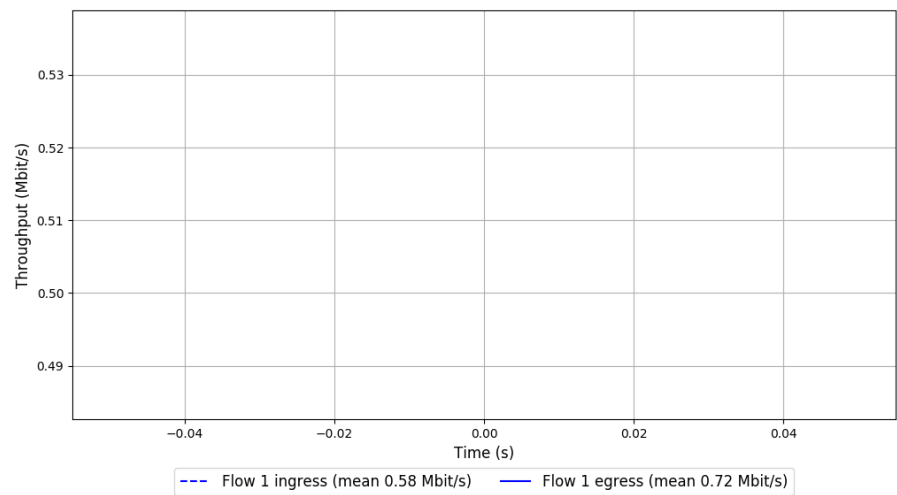
Start at: 2017-08-22 00:33:09

End at: 2017-08-22 00:33:39

Local clock offset: 1.133 ms

Remote clock offset: -1.696 ms

Run 10: Report of CalibratedKoho — Data Link

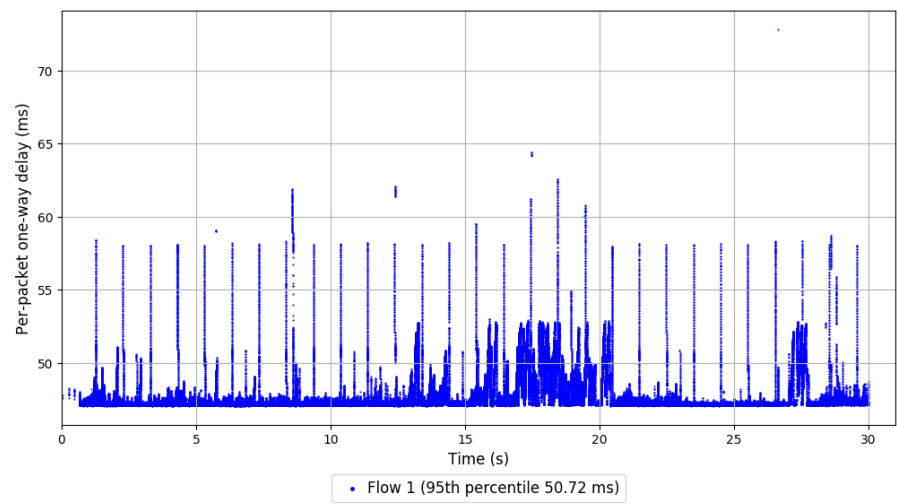
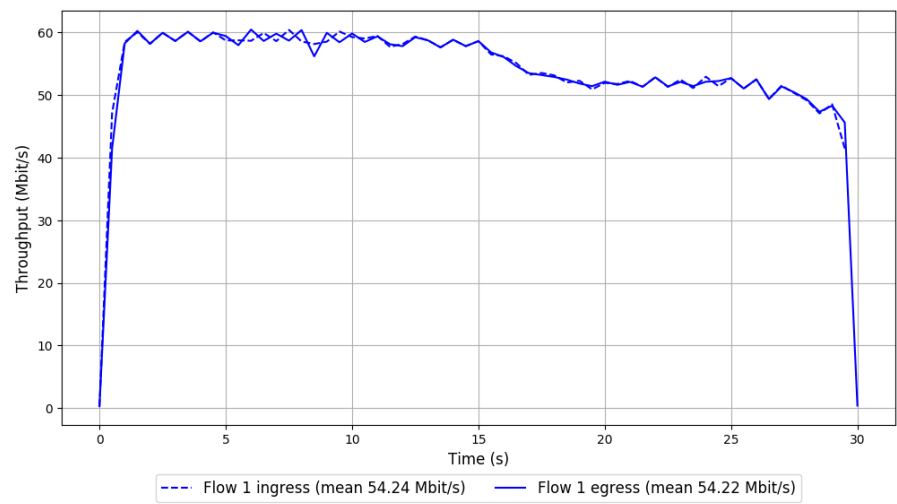


Run 1: Statistics of Copa

Start at: 2017-08-21 21:31:31
End at: 2017-08-21 21:32:01
Local clock offset: 0.89 ms
Remote clock offset: -1.278 ms

Below is generated by plot.py at 2017-08-22 01:08:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 50.715 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 50.715 ms
Loss rate: 0.05%

Run 1: Report of Copa — Data Link

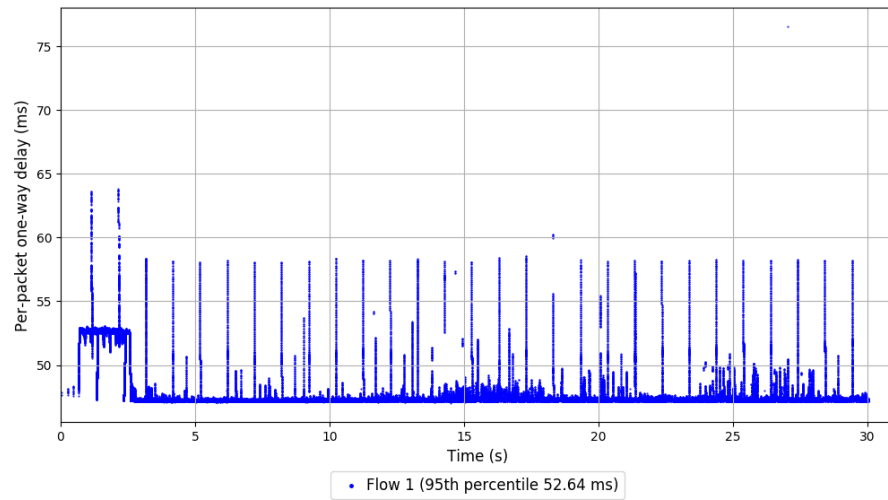
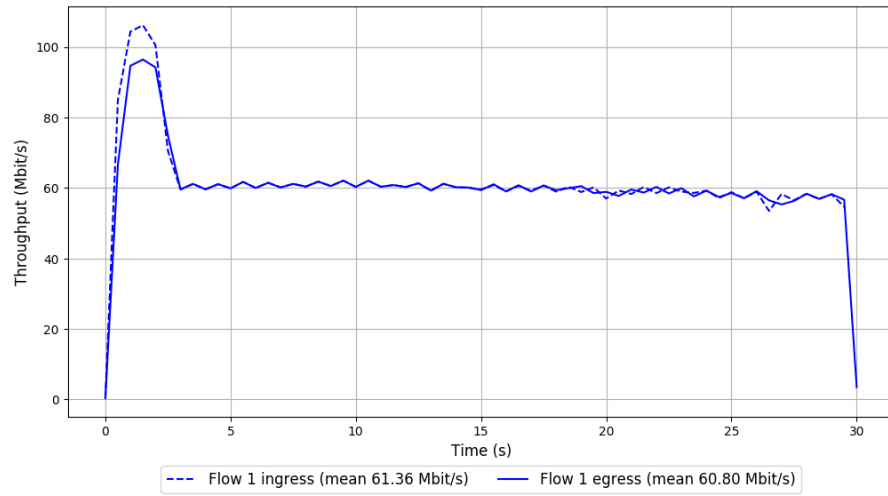


Run 2: Statistics of Copa

Start at: 2017-08-21 21:52:46
End at: 2017-08-21 21:53:16
Local clock offset: 1.008 ms
Remote clock offset: -1.417 ms

Below is generated by plot.py at 2017-08-22 01:08:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 52.642 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 52.642 ms
Loss rate: 0.93%

Run 2: Report of Copa — Data Link

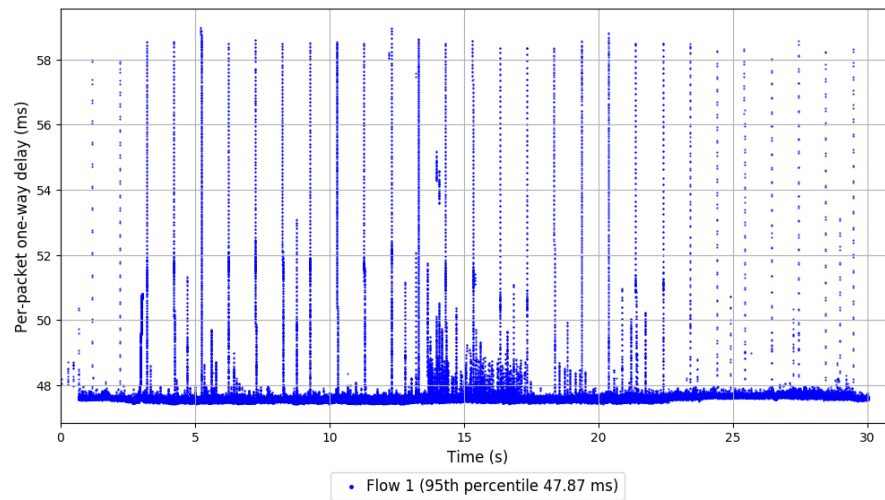
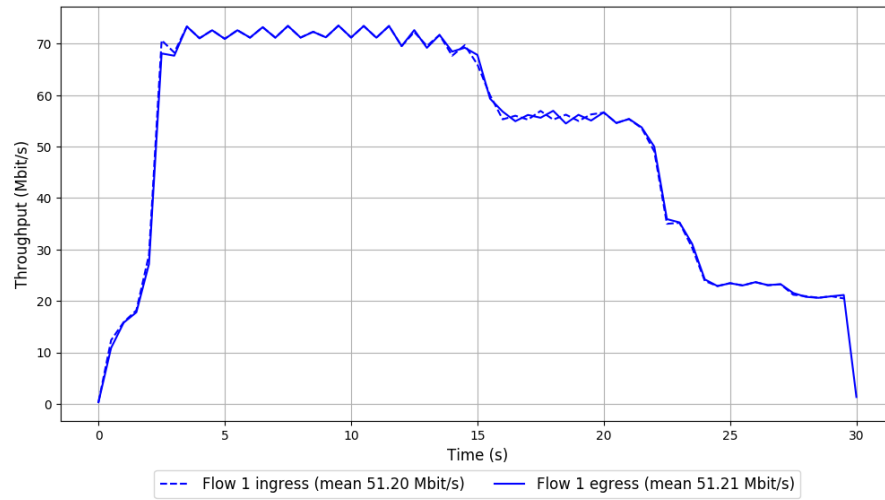


Run 3: Statistics of Copa

Start at: 2017-08-21 22:13:46
End at: 2017-08-21 22:14:16
Local clock offset: 1.051 ms
Remote clock offset: -1.606 ms

Below is generated by plot.py at 2017-08-22 01:08:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-08-21 22:35:47

End at: 2017-08-21 22:36:17

Local clock offset: 1.131 ms

Remote clock offset: -1.66 ms

Below is generated by plot.py at 2017-08-22 01:08:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.01 Mbit/s

95th percentile per-packet one-way delay: 50.534 ms

Loss rate: 0.02%

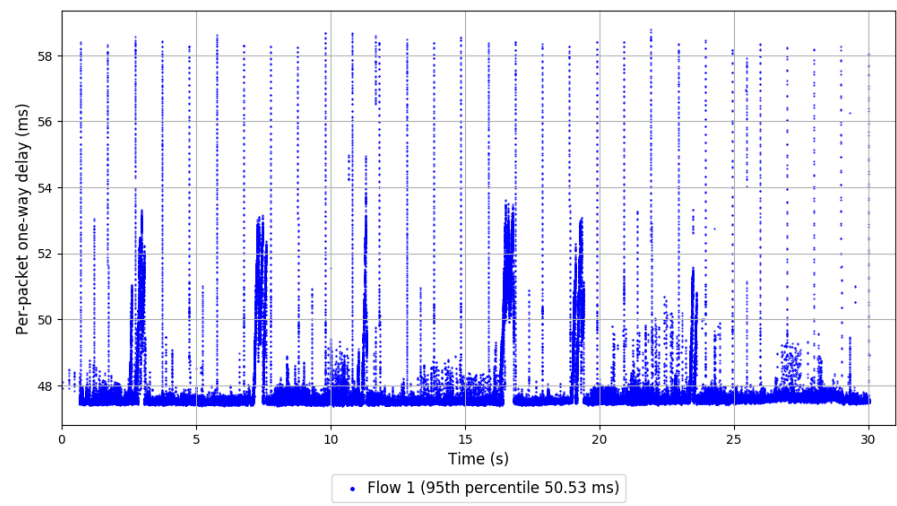
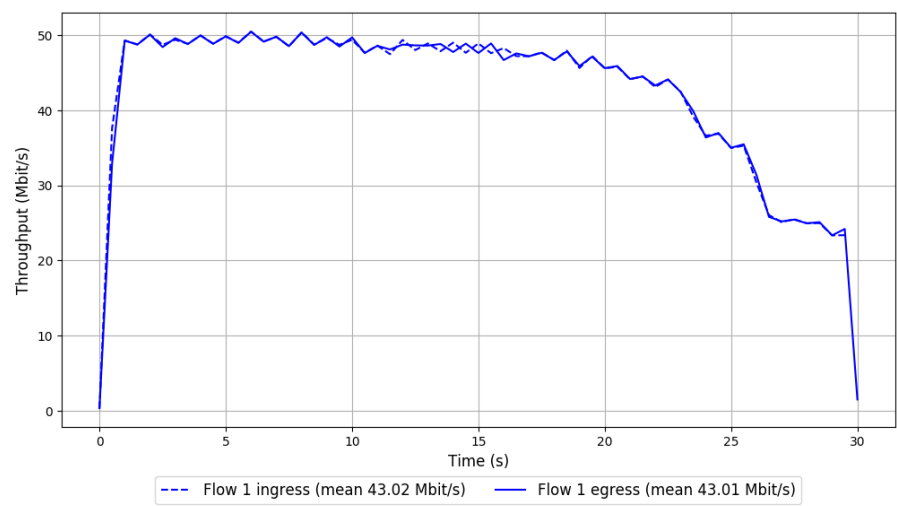
-- Flow 1:

Average throughput: 43.01 Mbit/s

95th percentile per-packet one-way delay: 50.534 ms

Loss rate: 0.02%

Run 4: Report of Copa — Data Link

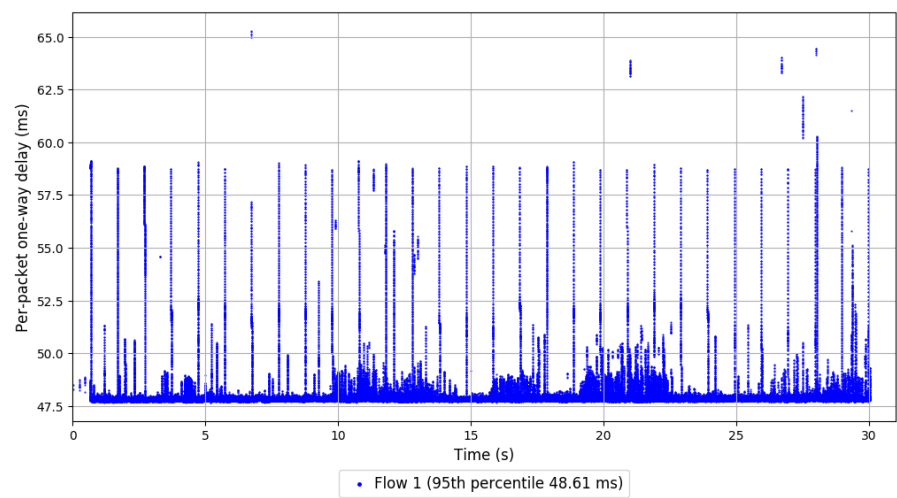
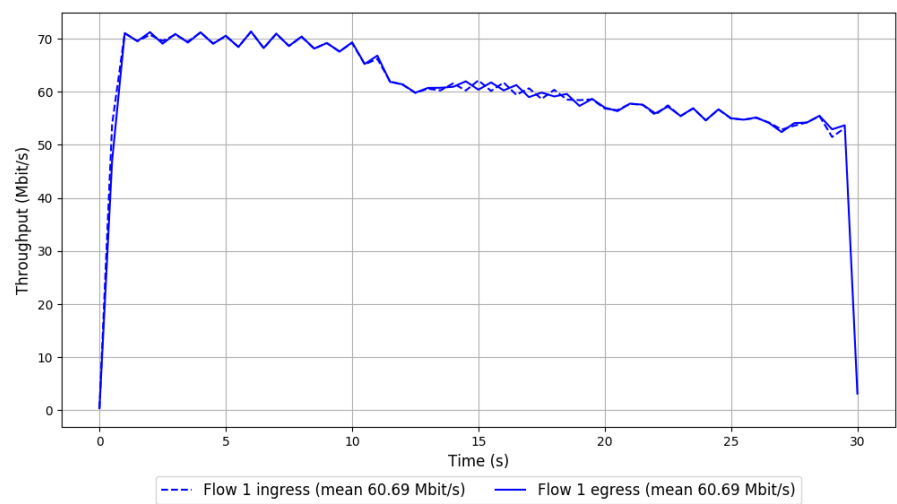


Run 5: Statistics of Copa

Start at: 2017-08-21 22:55:51
End at: 2017-08-21 22:56:21
Local clock offset: 0.791 ms
Remote clock offset: -1.717 ms

Below is generated by plot.py at 2017-08-22 01:08:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 48.612 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 48.612 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

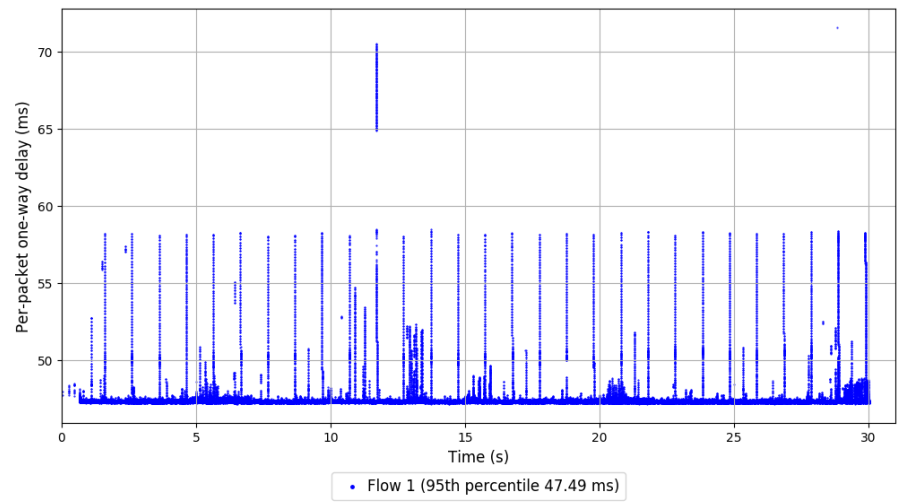
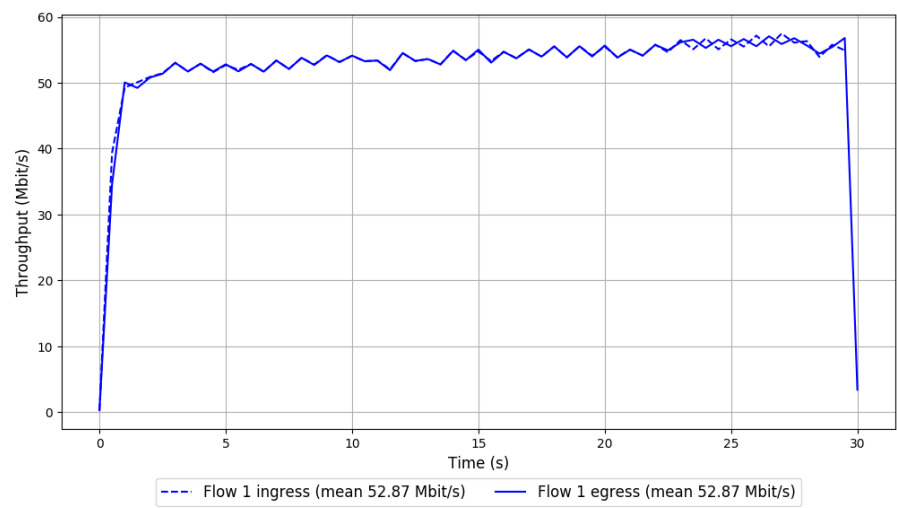


Run 6: Statistics of Copa

Start at: 2017-08-21 23:17:32
End at: 2017-08-21 23:18:02
Local clock offset: 1.052 ms
Remote clock offset: -1.694 ms

Below is generated by plot.py at 2017-08-22 01:09:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 47.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 47.493 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

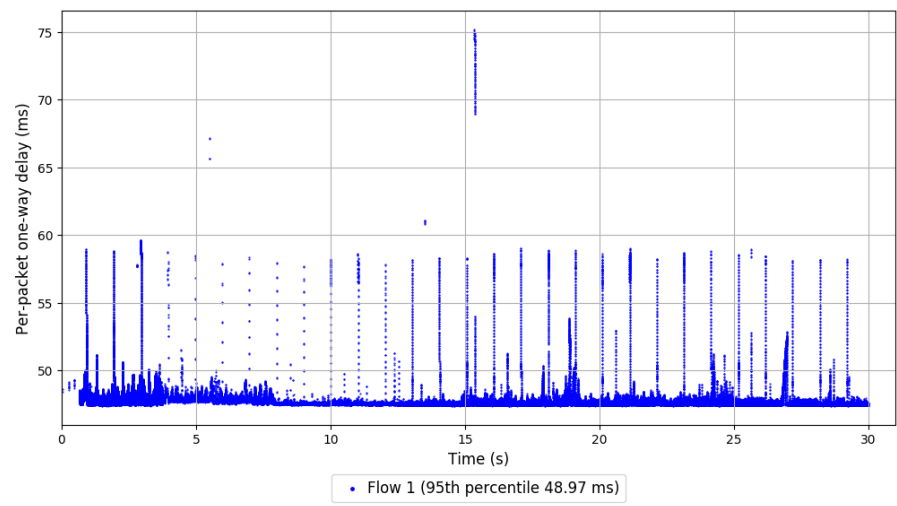
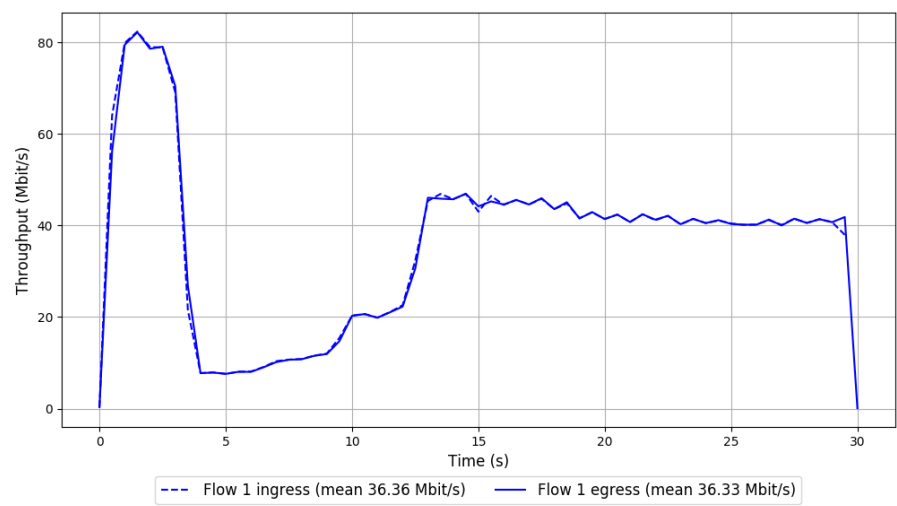


Run 7: Statistics of Copa

Start at: 2017-08-21 23:38:25
End at: 2017-08-21 23:38:55
Local clock offset: 1.285 ms
Remote clock offset: -1.725 ms

Below is generated by plot.py at 2017-08-22 01:09:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 48.972 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 48.972 ms
Loss rate: 0.06%

Run 7: Report of Copa — Data Link

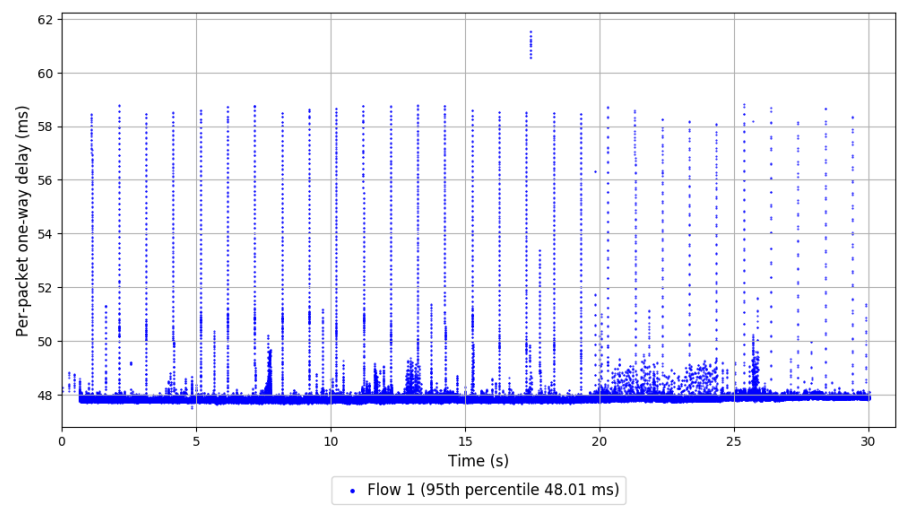
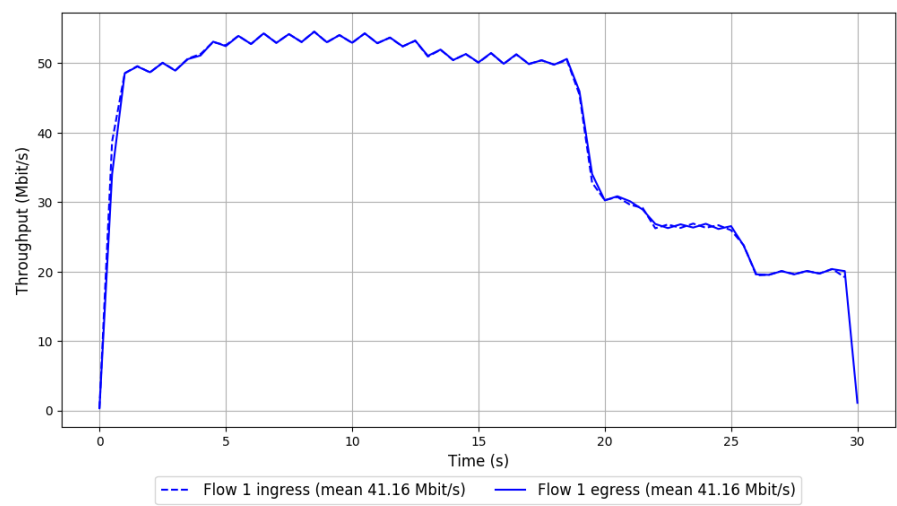


Run 8: Statistics of Copa

Start at: 2017-08-21 23:58:40
End at: 2017-08-21 23:59:10
Local clock offset: 1.003 ms
Remote clock offset: -1.731 ms

Below is generated by plot.py at 2017-08-22 01:09:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 48.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 48.013 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

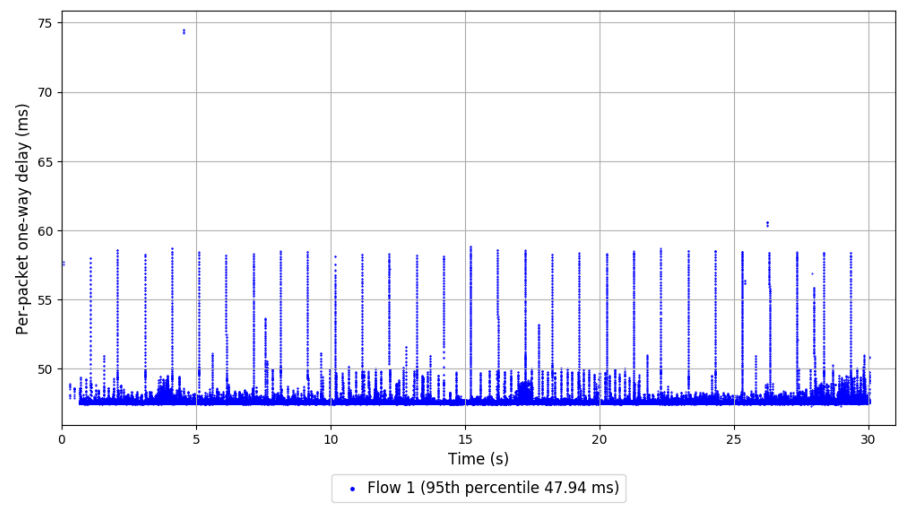
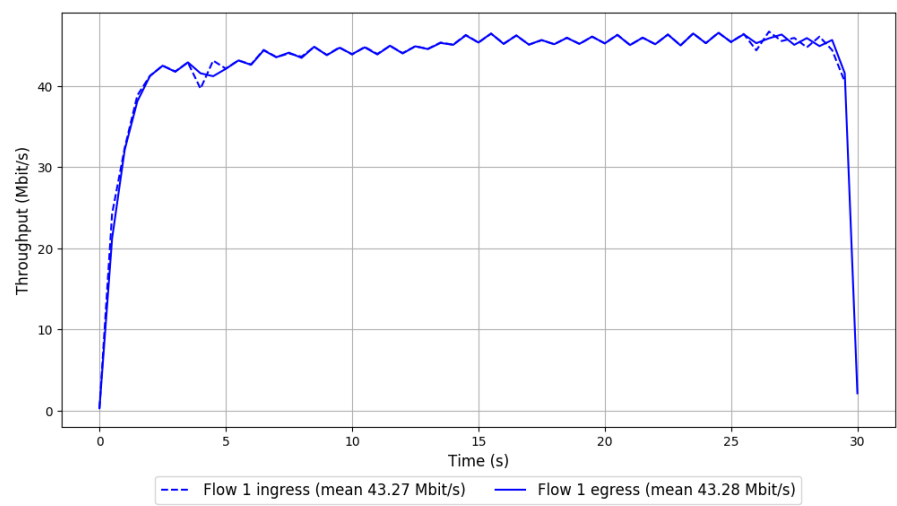


Run 9: Statistics of Copa

Start at: 2017-08-22 00:19:32
End at: 2017-08-22 00:20:02
Local clock offset: 1.404 ms
Remote clock offset: -1.638 ms

Below is generated by plot.py at 2017-08-22 01:09:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 47.943 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 47.943 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

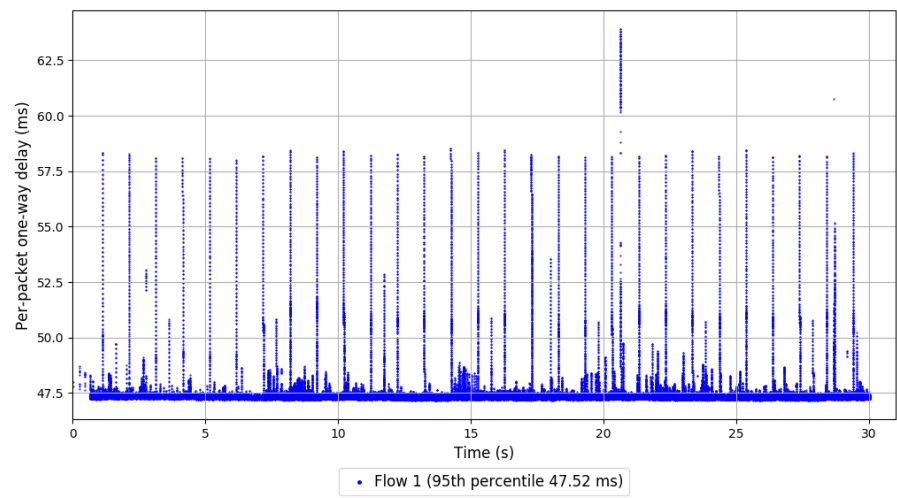
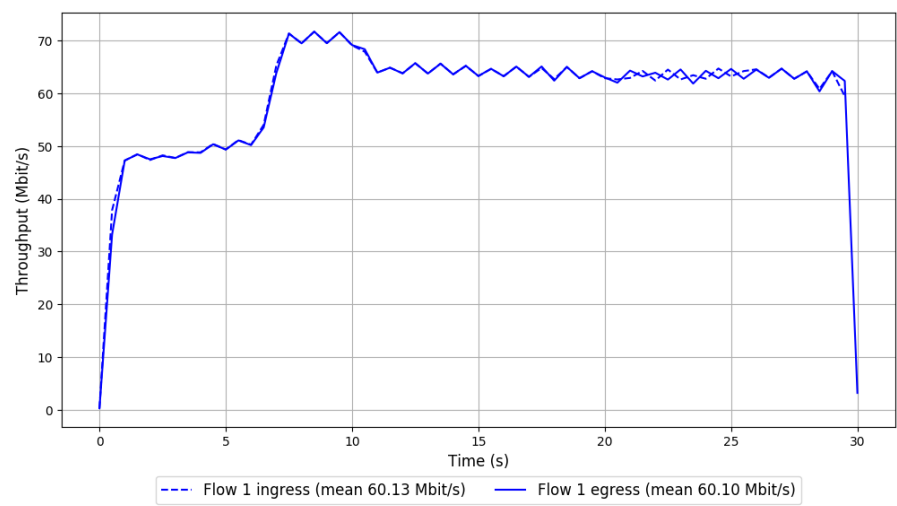


Run 10: Statistics of Copa

Start at: 2017-08-22 00:39:30
End at: 2017-08-22 00:40:00
Local clock offset: 1.411 ms
Remote clock offset: -1.605 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 47.521 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 47.521 ms
Loss rate: 0.04%

Run 10: Report of Copa — Data Link

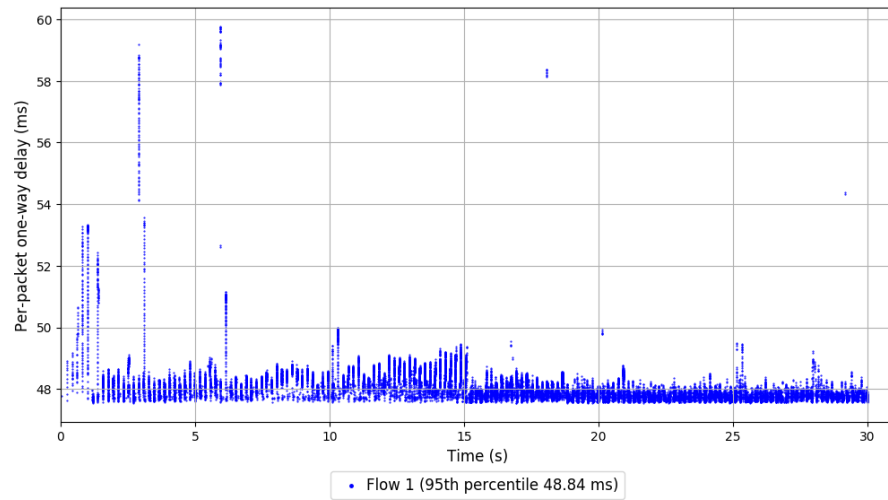
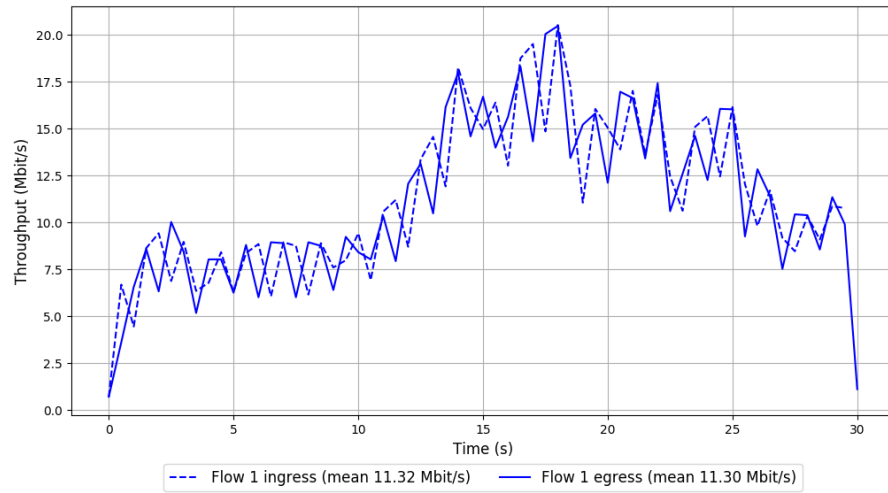


Run 1: Statistics of TCP Cubic

Start at: 2017-08-21 21:33:26
End at: 2017-08-21 21:33:56
Local clock offset: 0.556 ms
Remote clock offset: -1.228 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 48.838 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 48.838 ms
Loss rate: 0.22%

Run 1: Report of TCP Cubic — Data Link

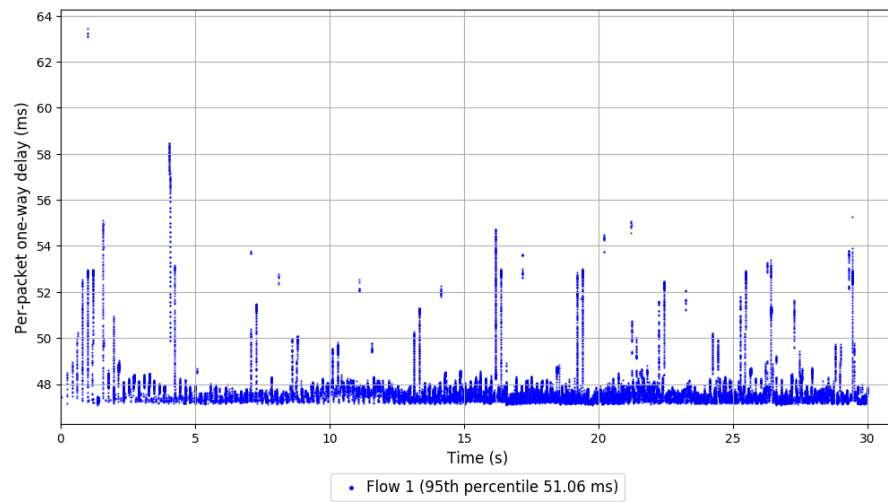
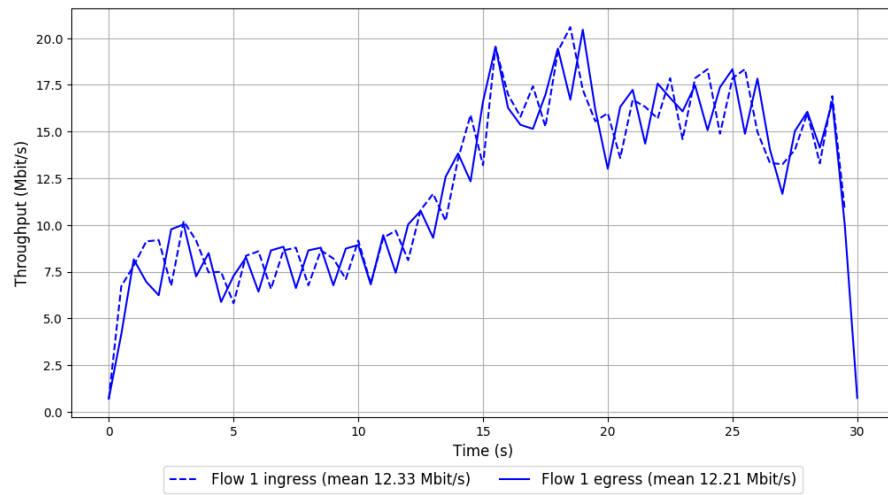


Run 2: Statistics of TCP Cubic

Start at: 2017-08-21 21:54:35
End at: 2017-08-21 21:55:05
Local clock offset: 1.086 ms
Remote clock offset: -1.438 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 1.01%

Run 2: Report of TCP Cubic — Data Link

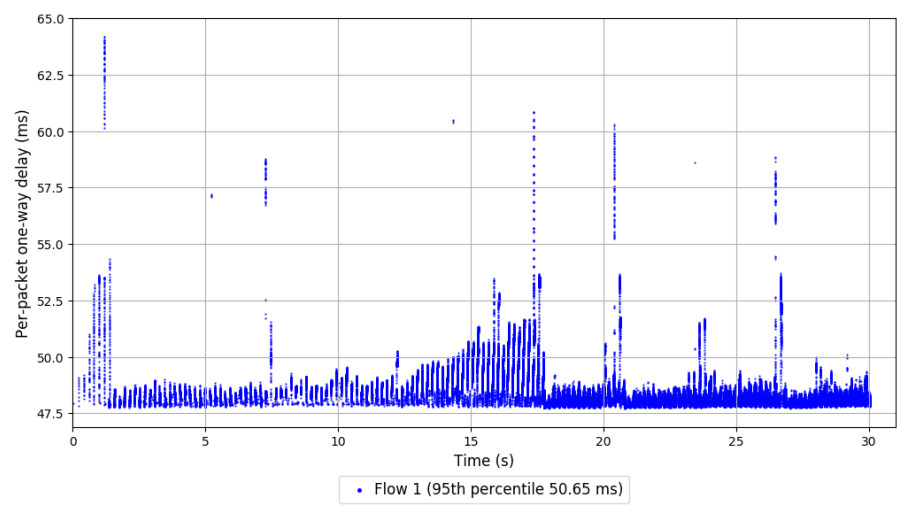
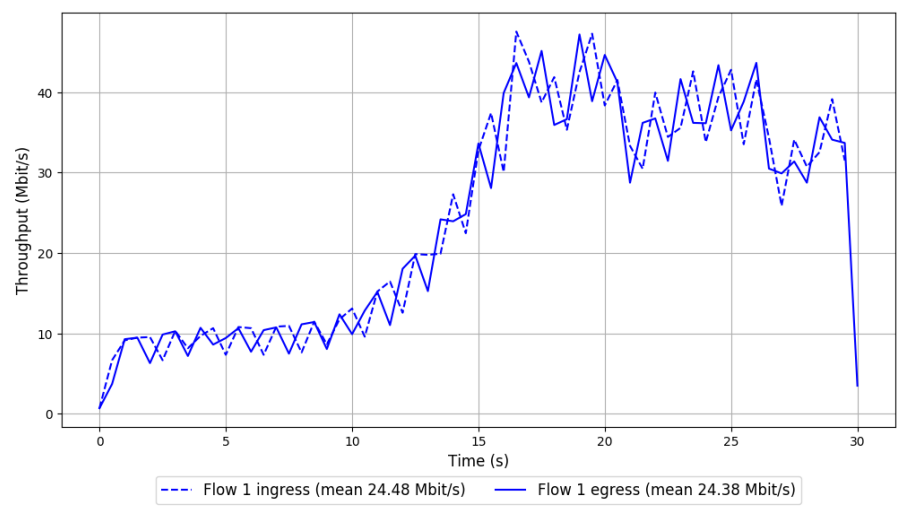


Run 3: Statistics of TCP Cubic

Start at: 2017-08-21 22:15:36
End at: 2017-08-21 22:16:06
Local clock offset: 0.81 ms
Remote clock offset: -1.627 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 50.652 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 50.652 ms
Loss rate: 0.40%

Run 3: Report of TCP Cubic — Data Link

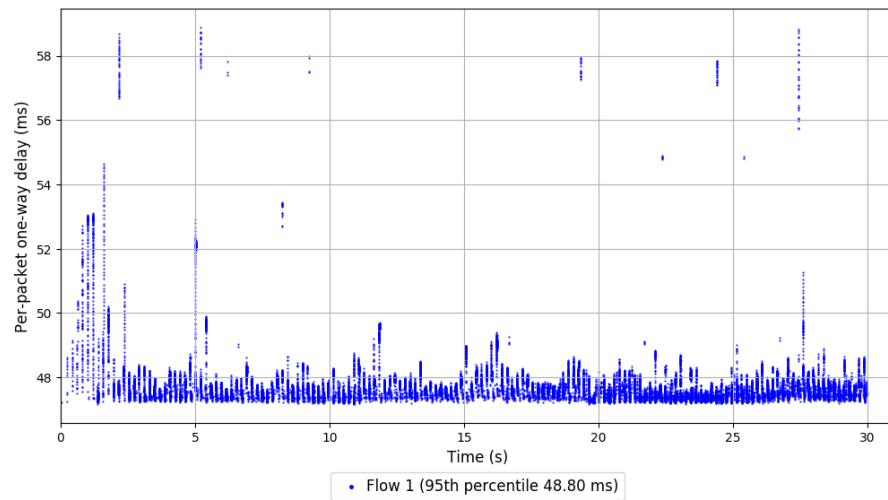
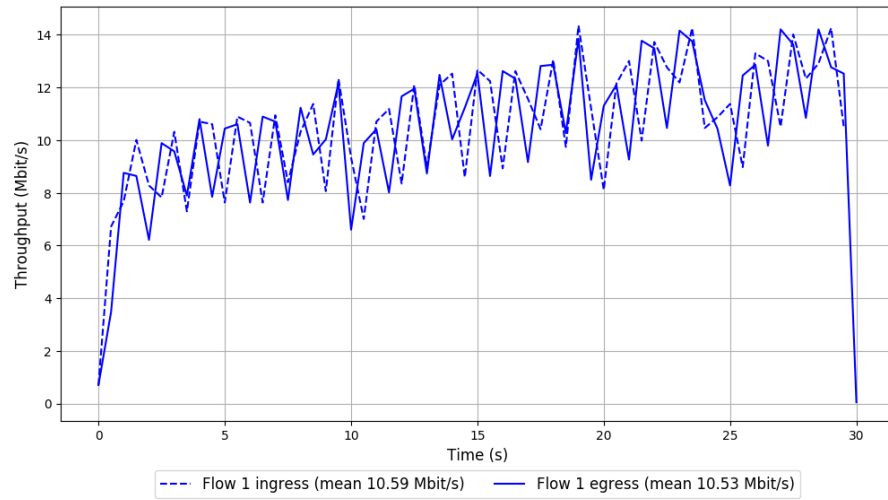


Run 4: Statistics of TCP Cubic

Start at: 2017-08-21 22:37:40
End at: 2017-08-21 22:38:10
Local clock offset: 1.192 ms
Remote clock offset: -1.614 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 48.798 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 48.798 ms
Loss rate: 0.57%

Run 4: Report of TCP Cubic — Data Link

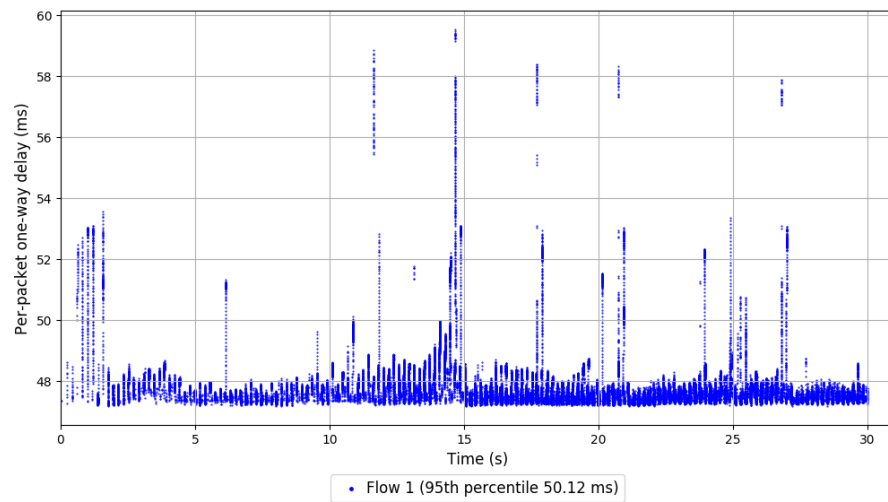
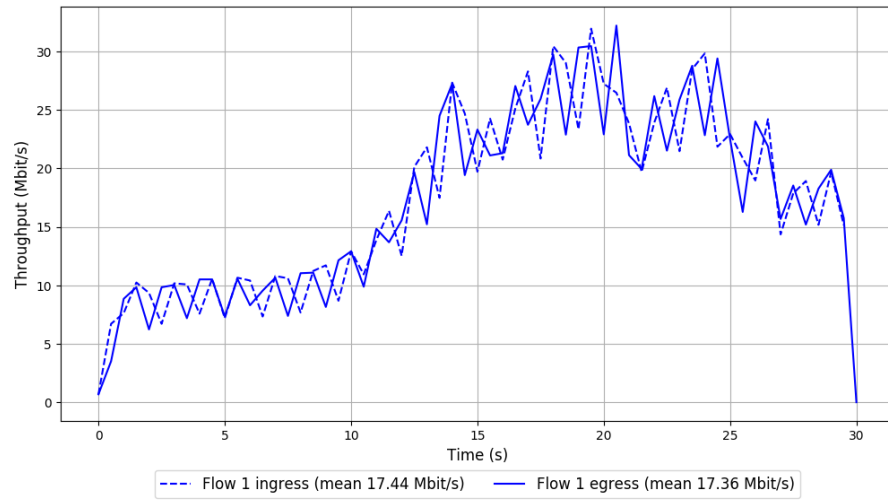


Run 5: Statistics of TCP Cubic

Start at: 2017-08-21 22:57:44
End at: 2017-08-21 22:58:14
Local clock offset: 1.133 ms
Remote clock offset: -1.708 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 50.125 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 50.125 ms
Loss rate: 0.45%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-08-21 23:19:24

End at: 2017-08-21 23:19:54

Local clock offset: 0.888 ms

Remote clock offset: -1.646 ms

Below is generated by plot.py at 2017-08-22 01:09:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.50 Mbit/s

95th percentile per-packet one-way delay: 49.714 ms

Loss rate: 0.46%

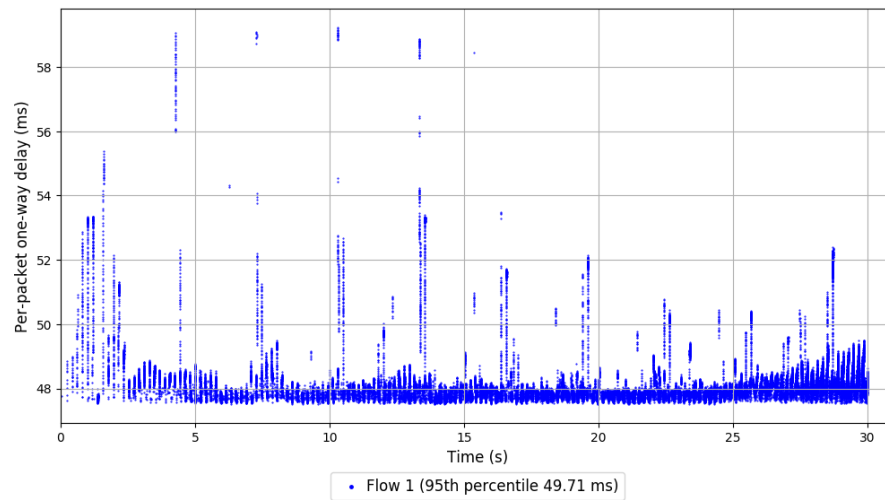
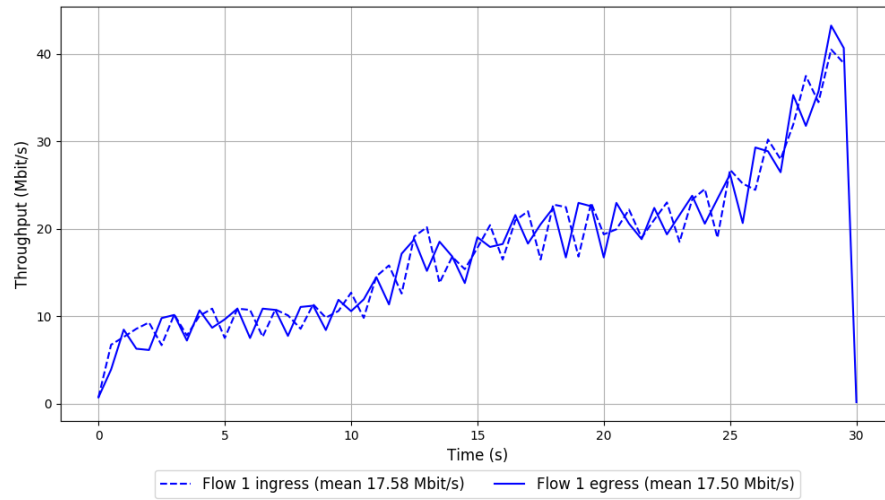
-- Flow 1:

Average throughput: 17.50 Mbit/s

95th percentile per-packet one-way delay: 49.714 ms

Loss rate: 0.46%

Run 6: Report of TCP Cubic — Data Link

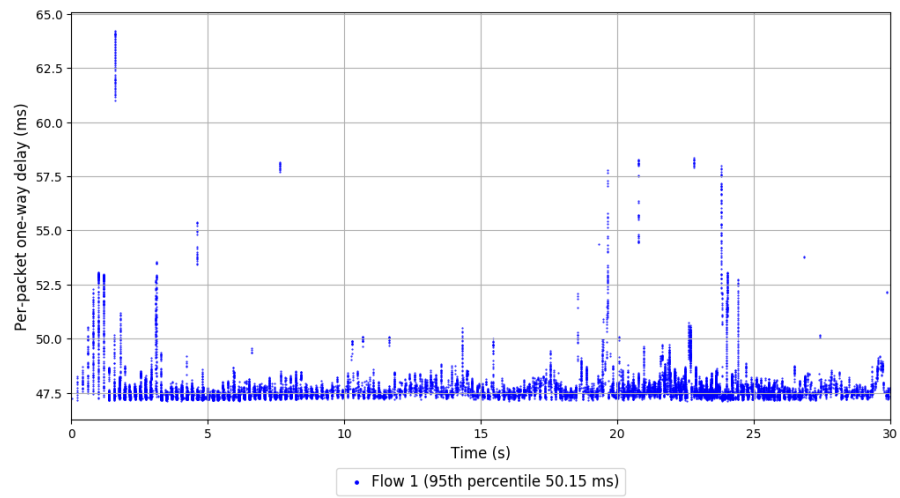
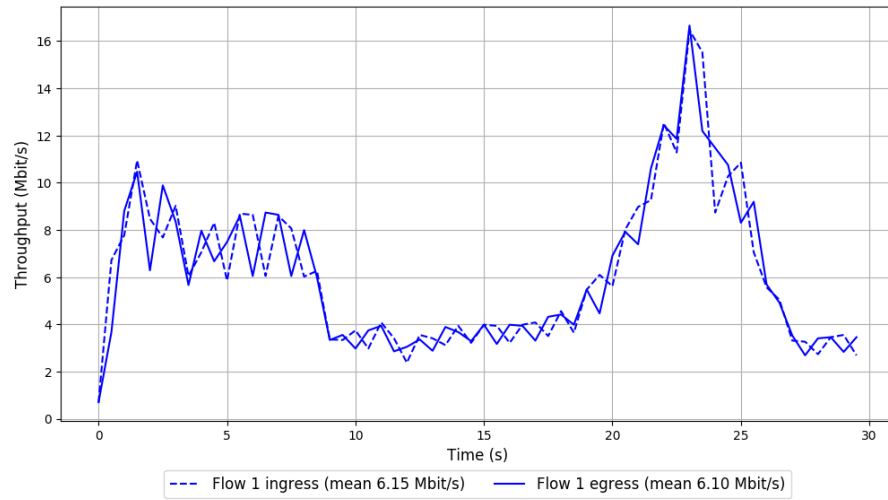


Run 7: Statistics of TCP Cubic

Start at: 2017-08-21 23:40:00
End at: 2017-08-21 23:40:30
Local clock offset: 1.321 ms
Remote clock offset: -1.747 ms

Below is generated by plot.py at 2017-08-22 01:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 50.151 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 50.151 ms
Loss rate: 0.77%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-08-22 00:00:18

End at: 2017-08-22 00:00:48

Local clock offset: 1.053 ms

Remote clock offset: -1.69 ms

Below is generated by plot.py at 2017-08-22 01:09:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.69 Mbit/s

95th percentile per-packet one-way delay: 49.167 ms

Loss rate: 0.54%

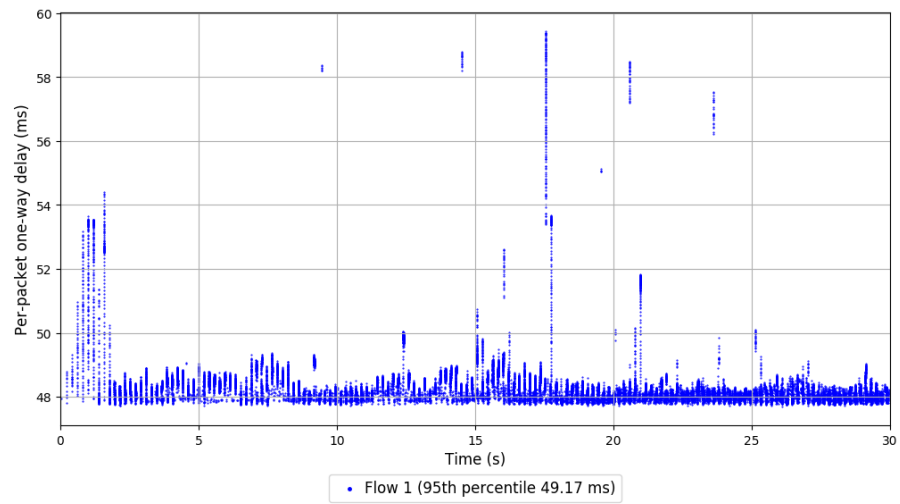
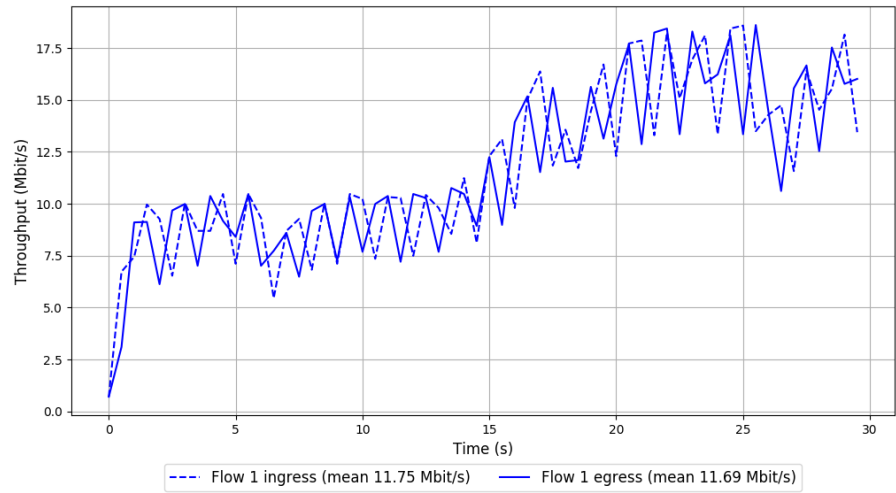
-- Flow 1:

Average throughput: 11.69 Mbit/s

95th percentile per-packet one-way delay: 49.167 ms

Loss rate: 0.54%

Run 8: Report of TCP Cubic — Data Link

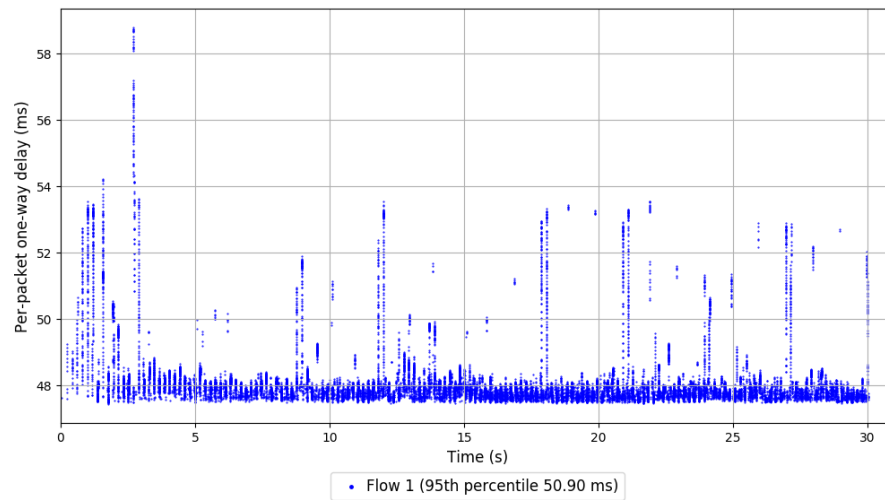
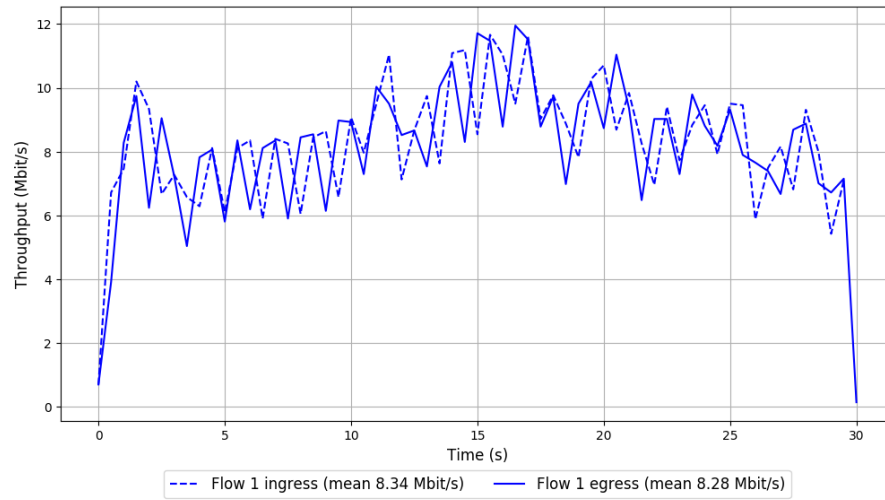


Run 9: Statistics of TCP Cubic

Start at: 2017-08-22 00:21:19
End at: 2017-08-22 00:21:49
Local clock offset: 1.089 ms
Remote clock offset: -1.664 ms

Below is generated by plot.py at 2017-08-22 01:09:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 50.902 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 50.902 ms
Loss rate: 0.77%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-08-22 00:41:25

End at: 2017-08-22 00:41:55

Local clock offset: 1.475 ms

Remote clock offset: -1.567 ms

Below is generated by plot.py at 2017-08-22 01:09:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.82 Mbit/s

95th percentile per-packet one-way delay: 49.503 ms

Loss rate: 0.45%

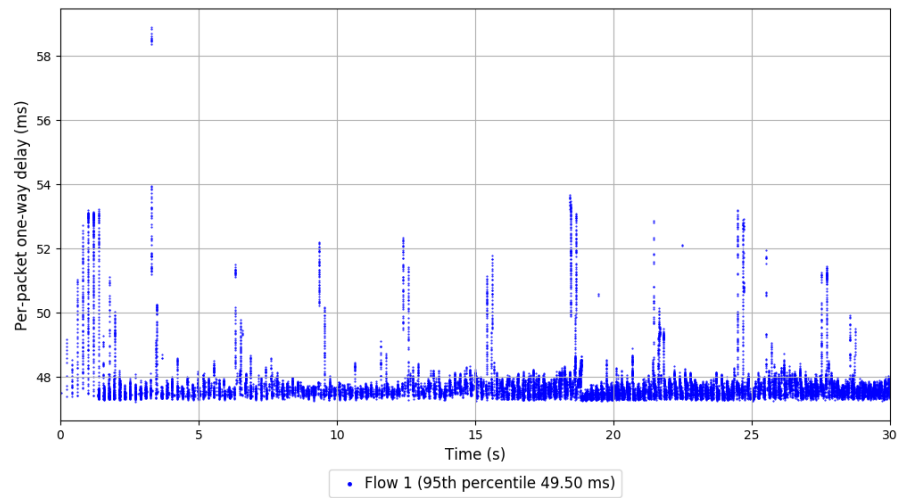
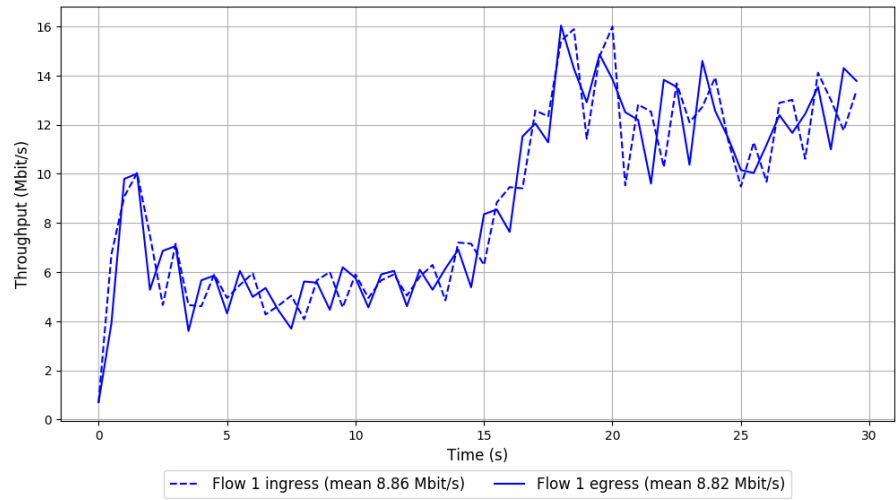
-- Flow 1:

Average throughput: 8.82 Mbit/s

95th percentile per-packet one-way delay: 49.503 ms

Loss rate: 0.45%

Run 10: Report of TCP Cubic — Data Link

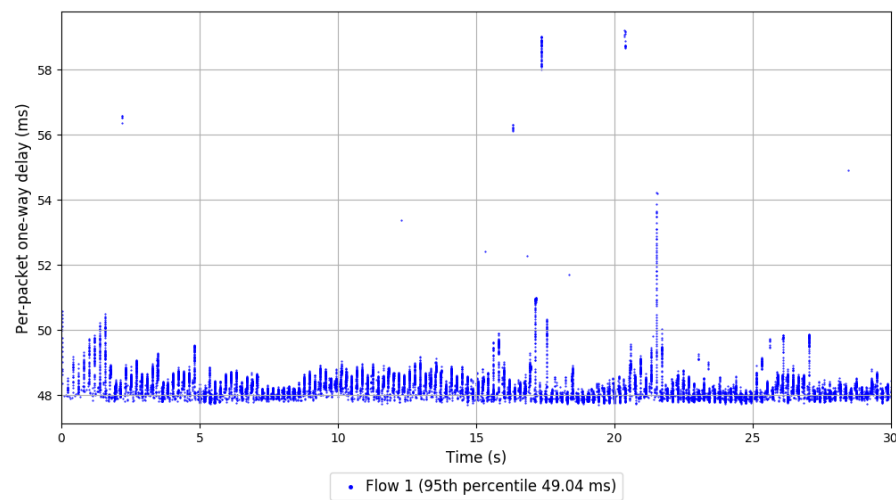
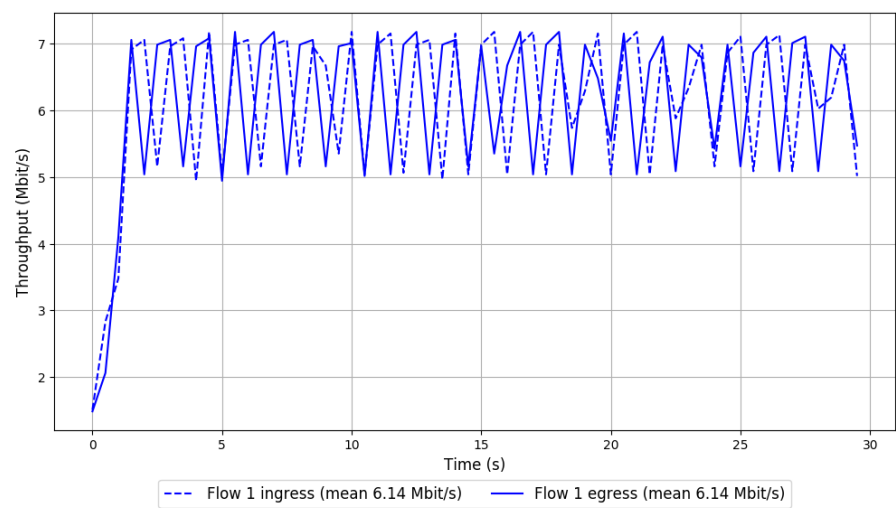


```
Run 1: Statistics of KohoCC

Start at: 2017-08-21 21:39:38
End at: 2017-08-21 21:40:08
Local clock offset: 0.704 ms
Remote clock offset: -1.305 ms

# Below is generated by plot.py at 2017-08-22 01:09:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 49.037 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 49.037 ms
Loss rate: 0.08%
```


Run 1: Report of KohoCC — Data Link

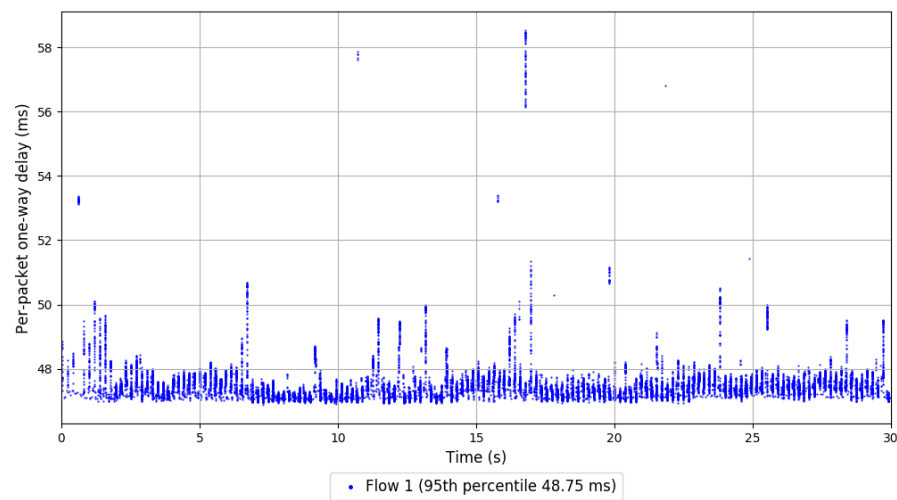
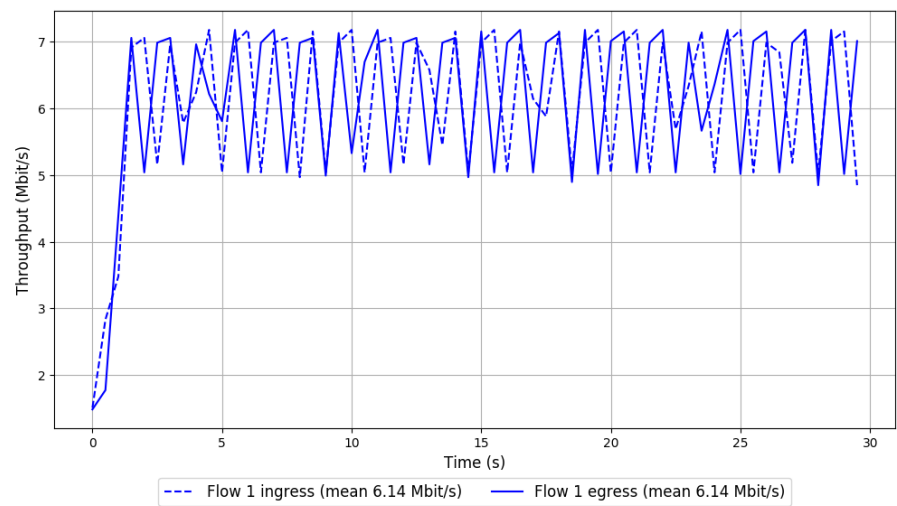


Run 2: Statistics of KohoCC

Start at: 2017-08-21 22:00:45
End at: 2017-08-21 22:01:15
Local clock offset: 1.583 ms
Remote clock offset: -1.503 ms

Below is generated by plot.py at 2017-08-22 01:09:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.747 ms
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: 2017-08-21 22:21:58

End at: 2017-08-21 22:22:28

Local clock offset: 0.828 ms

Remote clock offset: -1.7 ms

Below is generated by plot.py at 2017-08-22 01:09:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.13 Mbit/s

95th percentile per-packet one-way delay: 48.815 ms

Loss rate: 0.03%

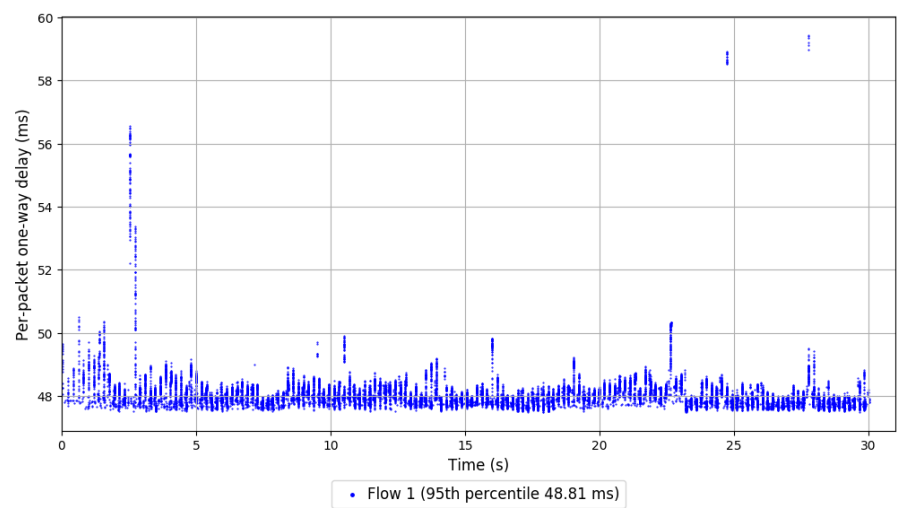
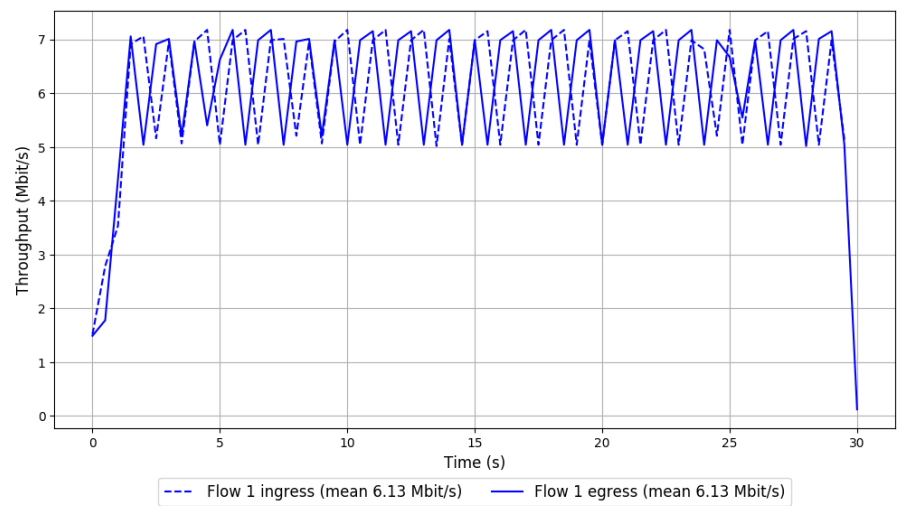
-- Flow 1:

Average throughput: 6.13 Mbit/s

95th percentile per-packet one-way delay: 48.815 ms

Loss rate: 0.03%

Run 3: Report of KohoCC — Data Link

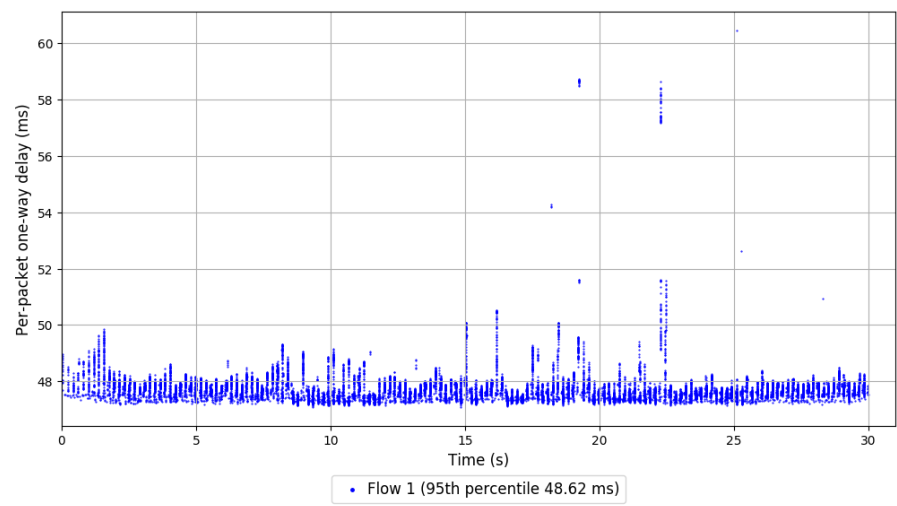
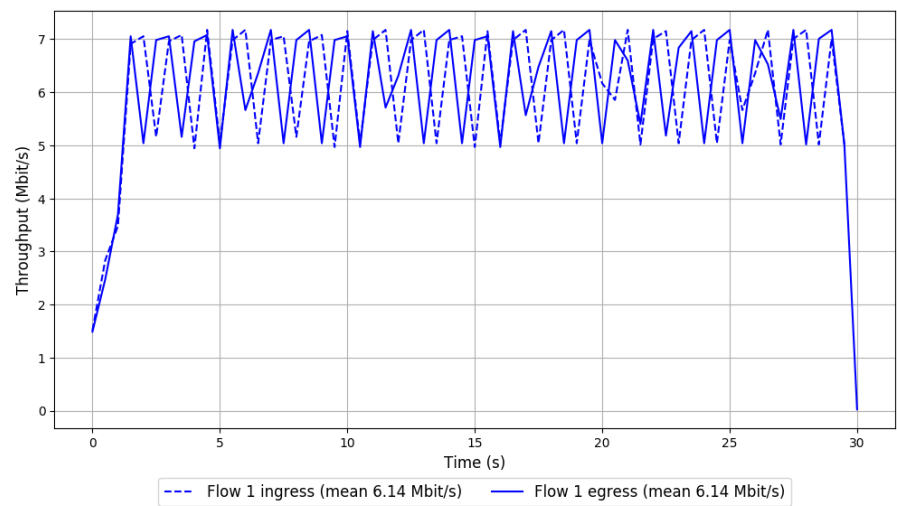


Run 4: Statistics of KohoCC

Start at: 2017-08-21 22:43:52
End at: 2017-08-21 22:44:22
Local clock offset: 1.138 ms
Remote clock offset: -1.693 ms

Below is generated by plot.py at 2017-08-22 01:09:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.624 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.624 ms
Loss rate: 0.01%

Run 4: Report of KohoCC — Data Link

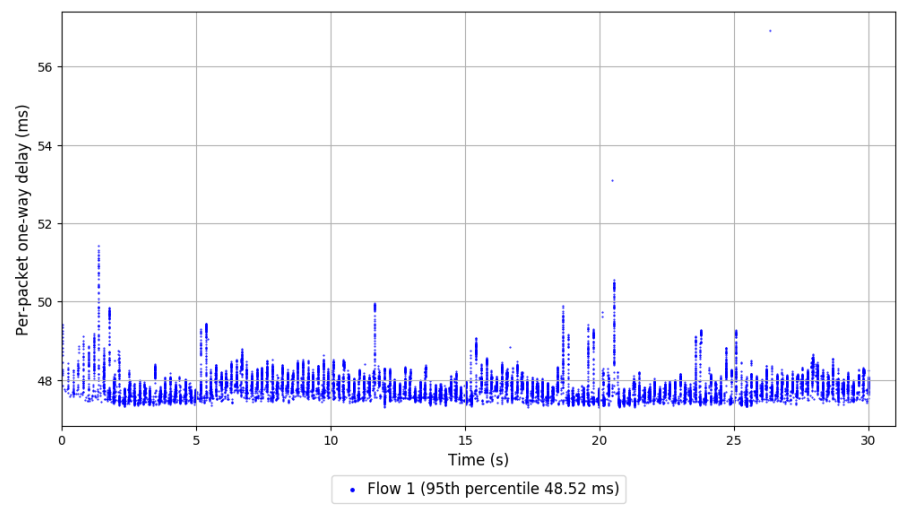
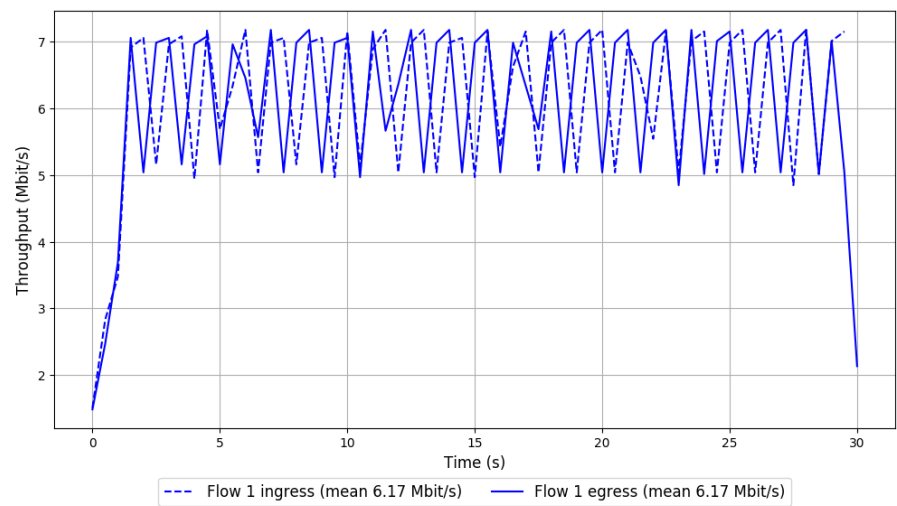


Run 5: Statistics of KohoCC

Start at: 2017-08-21 23:04:00
End at: 2017-08-21 23:04:30
Local clock offset: 1.069 ms
Remote clock offset: -1.677 ms

Below is generated by plot.py at 2017-08-22 01:09:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 48.519 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 48.519 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link



Run 6: Statistics of KohoCC

Start at: 2017-08-21 23:25:38

End at: 2017-08-21 23:26:08

Local clock offset: 1.15 ms

Remote clock offset: -1.683 ms

Below is generated by plot.py at 2017-08-22 01:09:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.17 Mbit/s

95th percentile per-packet one-way delay: 48.991 ms

Loss rate: 0.00%

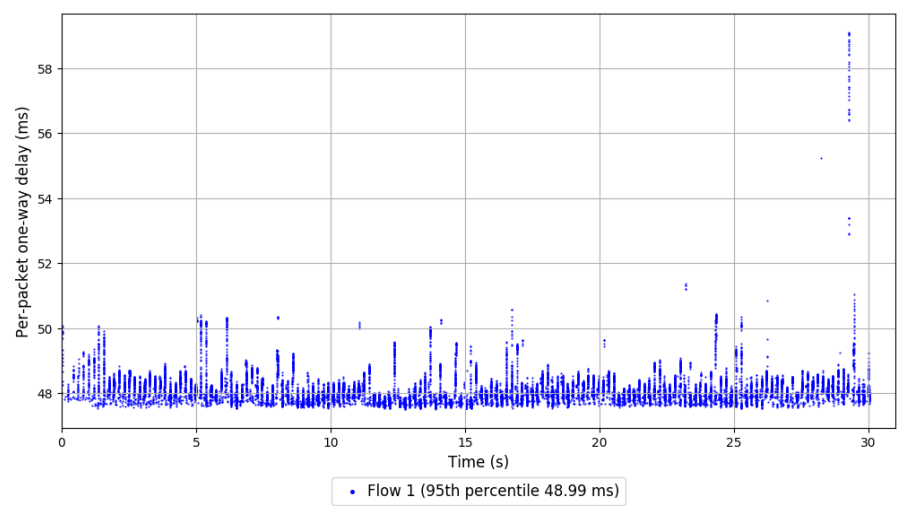
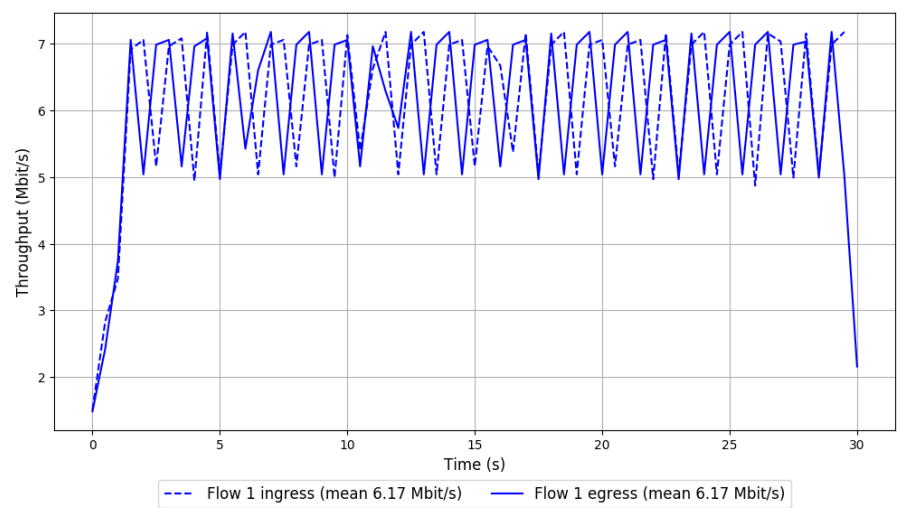
-- Flow 1:

Average throughput: 6.17 Mbit/s

95th percentile per-packet one-way delay: 48.991 ms

Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

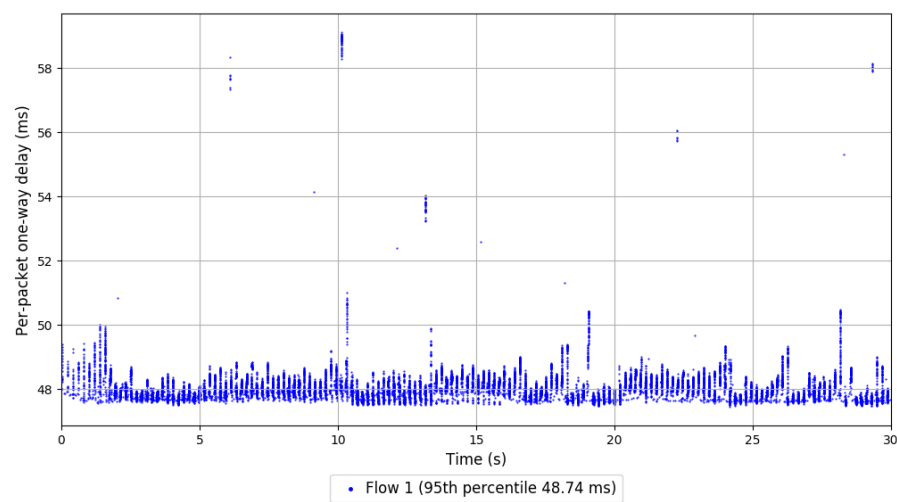
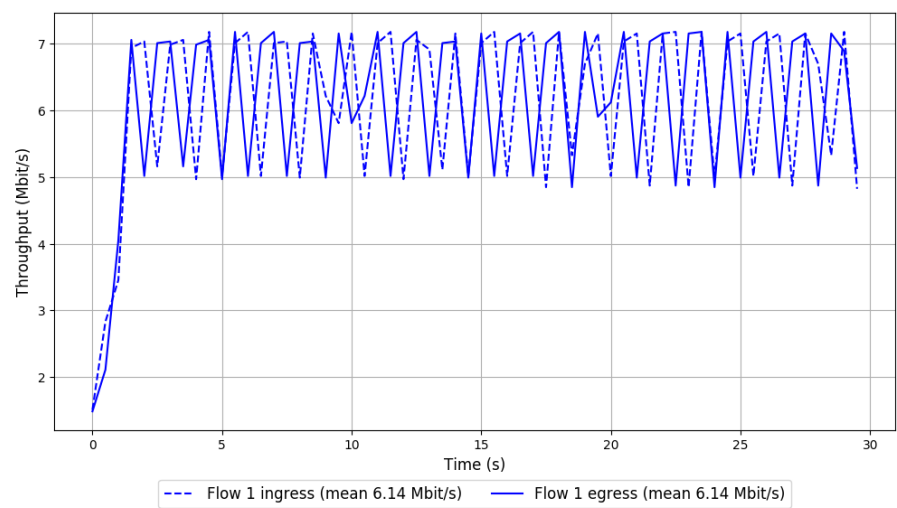


Run 7: Statistics of KohoCC

Start at: 2017-08-21 23:46:04
End at: 2017-08-21 23:46:34
Local clock offset: 1.252 ms
Remote clock offset: -1.729 ms

Below is generated by plot.py at 2017-08-22 01:09:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.738 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.738 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: 2017-08-22 00:06:26

End at: 2017-08-22 00:06:56

Local clock offset: 1.128 ms

Remote clock offset: -1.713 ms

Below is generated by plot.py at 2017-08-22 01:09:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.14 Mbit/s

95th percentile per-packet one-way delay: 48.871 ms

Loss rate: 0.01%

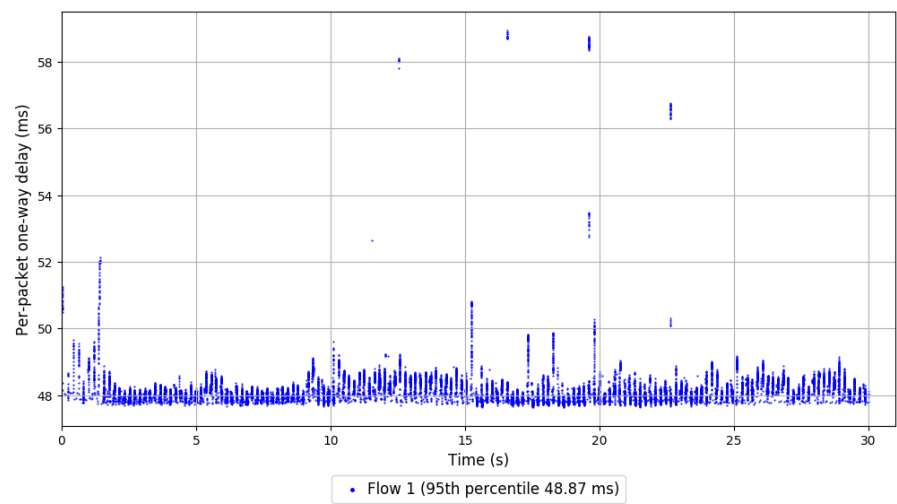
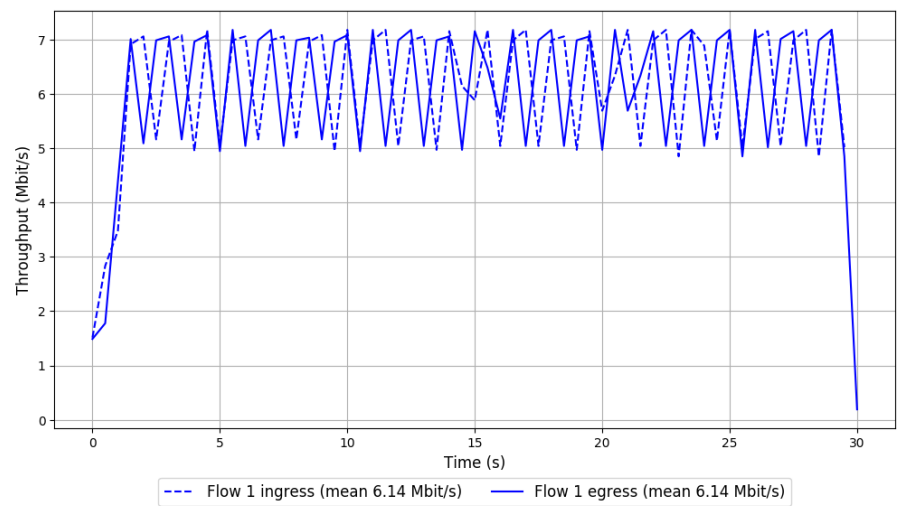
-- Flow 1:

Average throughput: 6.14 Mbit/s

95th percentile per-packet one-way delay: 48.871 ms

Loss rate: 0.01%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

Start at: 2017-08-22 00:27:36

End at: 2017-08-22 00:28:06

Local clock offset: 1.398 ms

Remote clock offset: -1.69 ms

Below is generated by plot.py at 2017-08-22 01:09:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.13 Mbit/s

95th percentile per-packet one-way delay: 48.885 ms

Loss rate: 0.00%

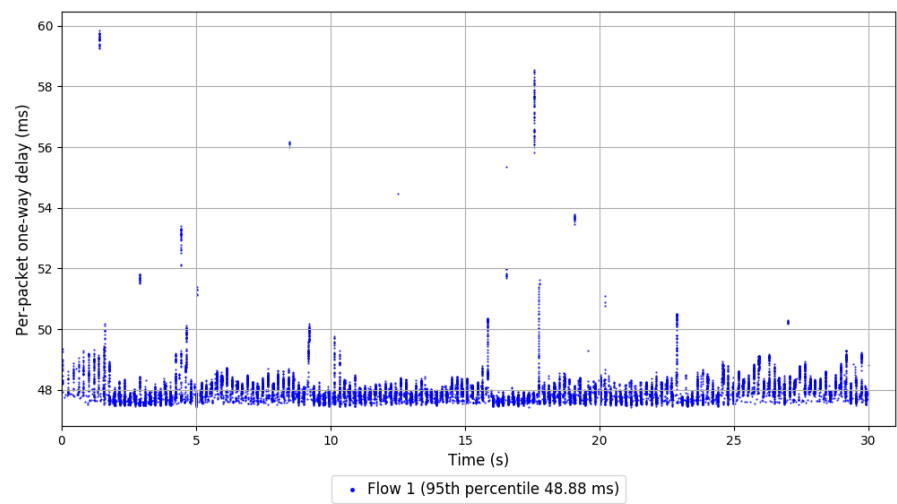
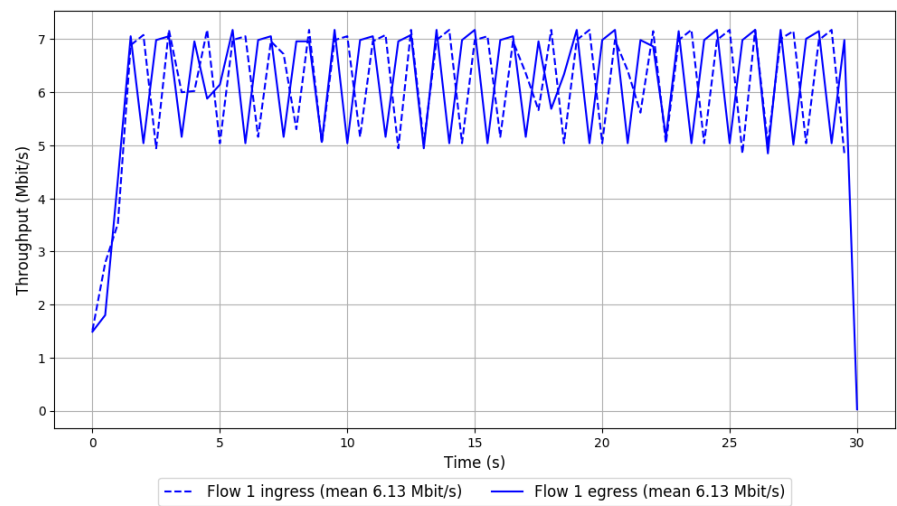
-- Flow 1:

Average throughput: 6.13 Mbit/s

95th percentile per-packet one-way delay: 48.885 ms

Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-22 00:47:36

End at: 2017-08-22 00:48:06

Local clock offset: 1.472 ms

Remote clock offset: -1.589 ms

Below is generated by plot.py at 2017-08-22 01:09:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.14 Mbit/s

95th percentile per-packet one-way delay: 48.968 ms

Loss rate: 0.15%

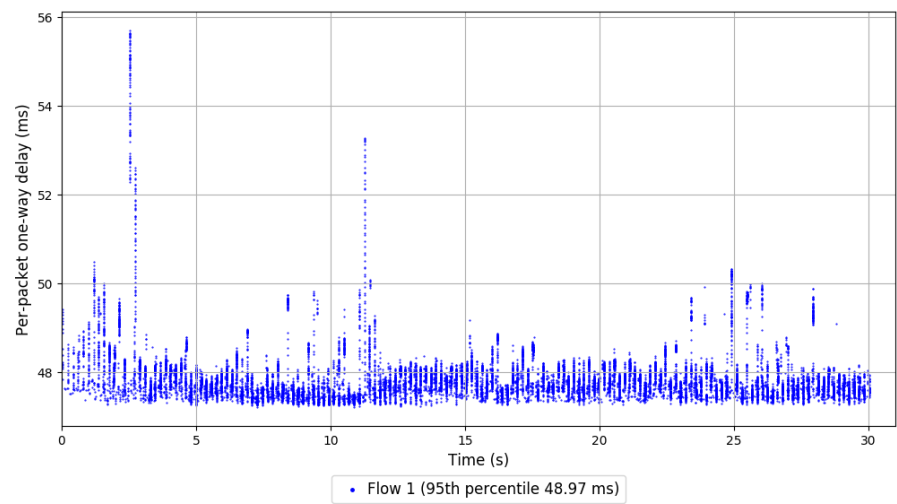
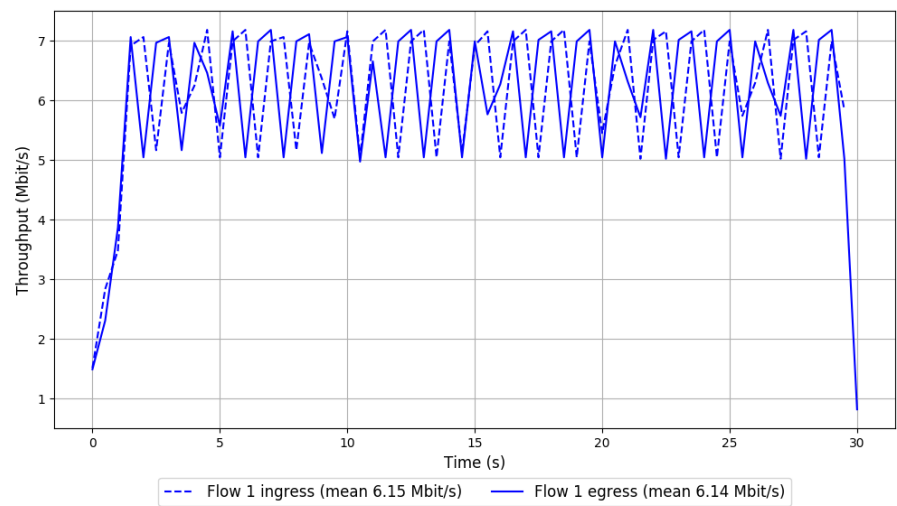
-- Flow 1:

Average throughput: 6.14 Mbit/s

95th percentile per-packet one-way delay: 48.968 ms

Loss rate: 0.15%

Run 10: Report of KohoCC — Data Link

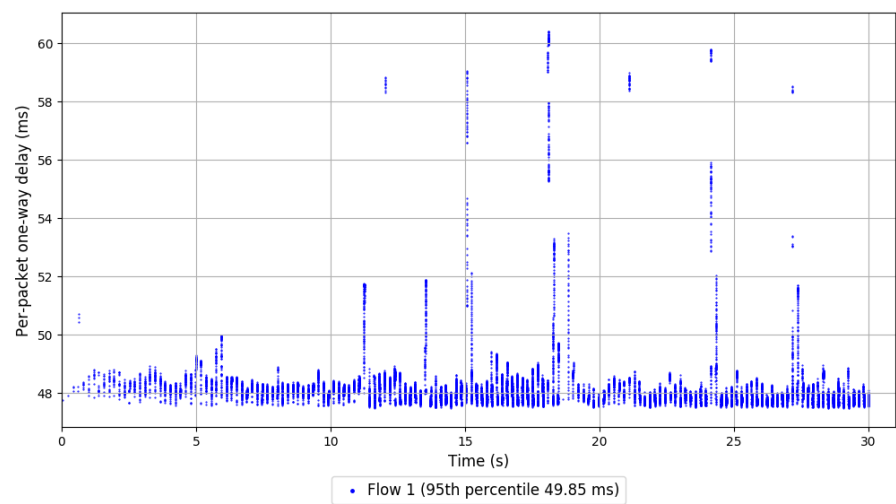
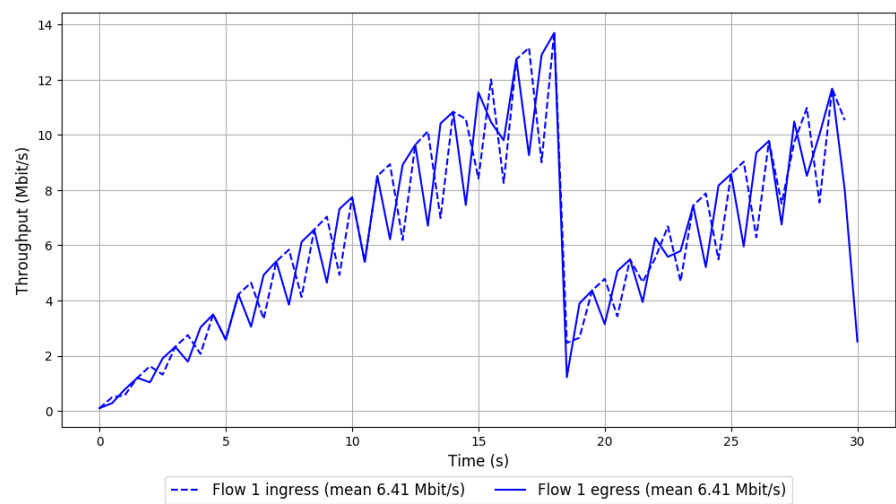


Run 1: Statistics of LEDBAT

Start at: 2017-08-21 21:35:55
End at: 2017-08-21 21:36:25
Local clock offset: 0.885 ms
Remote clock offset: -1.281 ms

Below is generated by plot.py at 2017-08-22 01:09:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.41 Mbit/s
95th percentile per-packet one-way delay: 49.846 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 6.41 Mbit/s
95th percentile per-packet one-way delay: 49.846 ms
Loss rate: 0.02%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-08-21 21:57:02

End at: 2017-08-21 21:57:32

Local clock offset: 1.027 ms

Remote clock offset: -1.43 ms

Below is generated by plot.py at 2017-08-22 01:09:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.28 Mbit/s

95th percentile per-packet one-way delay: 49.330 ms

Loss rate: 0.00%

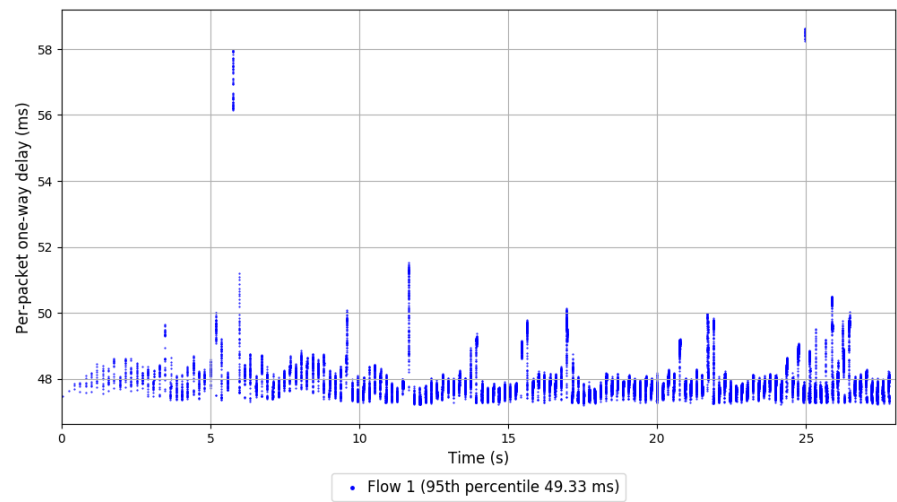
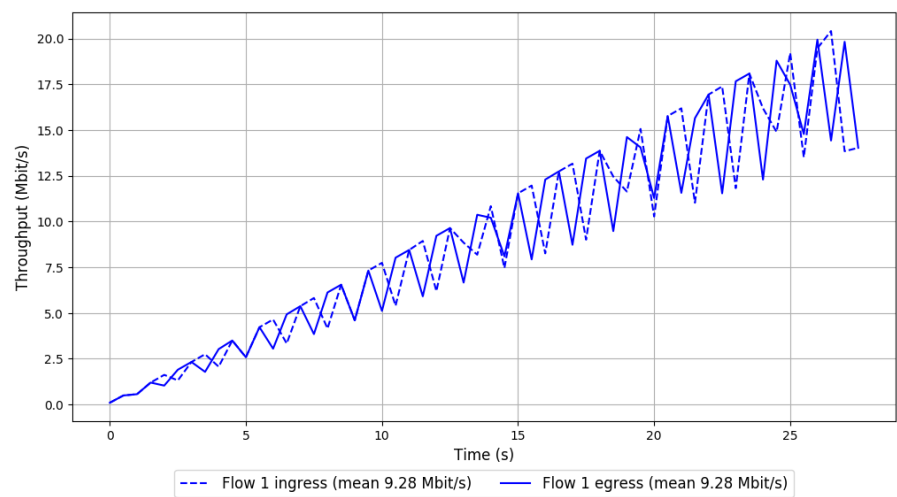
-- Flow 1:

Average throughput: 9.28 Mbit/s

95th percentile per-packet one-way delay: 49.330 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

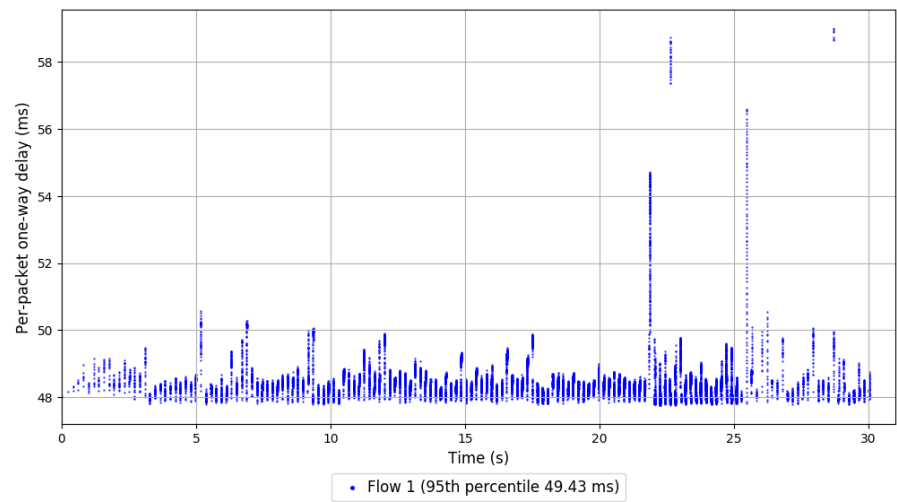
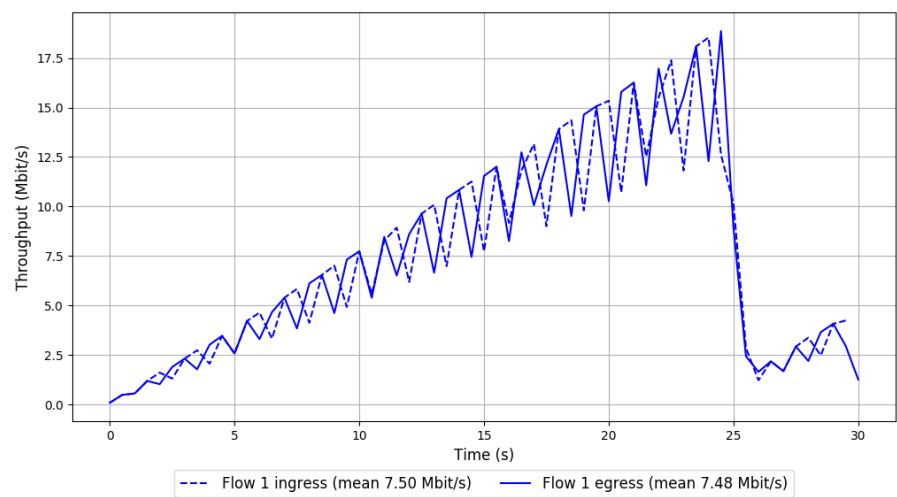


Run 3: Statistics of LEDBAT

Start at: 2017-08-21 22:18:18
End at: 2017-08-21 22:18:48
Local clock offset: 0.813 ms
Remote clock offset: -1.653 ms

Below is generated by plot.py at 2017-08-22 01:09:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 49.431 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 49.431 ms
Loss rate: 0.28%

Run 3: Report of LEDBAT — Data Link

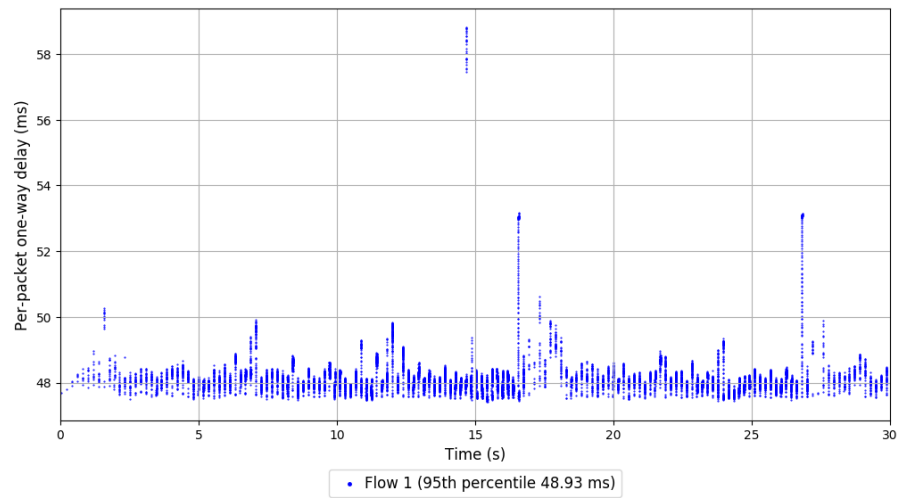
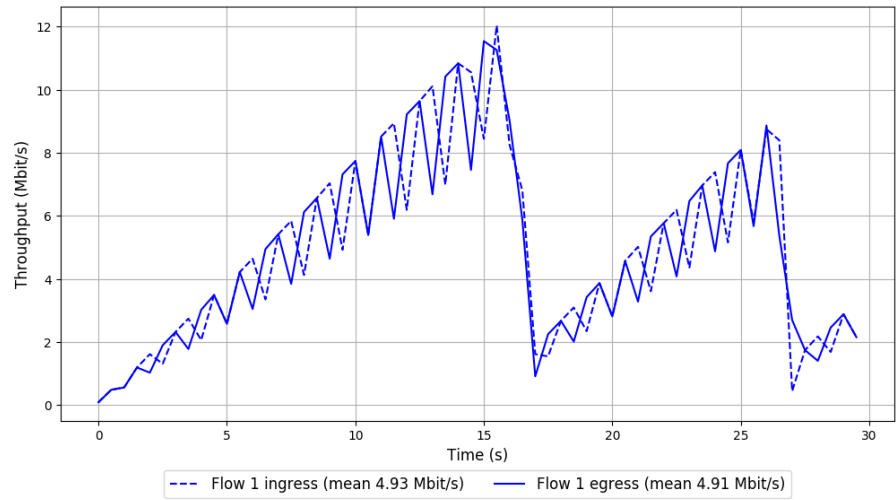


Run 4: Statistics of LEDBAT

Start at: 2017-08-21 22:40:13
End at: 2017-08-21 22:40:43
Local clock offset: 0.889 ms
Remote clock offset: -1.624 ms

Below is generated by plot.py at 2017-08-22 01:09:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 48.931 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 48.931 ms
Loss rate: 0.58%

Run 4: Report of LEDBAT — Data Link

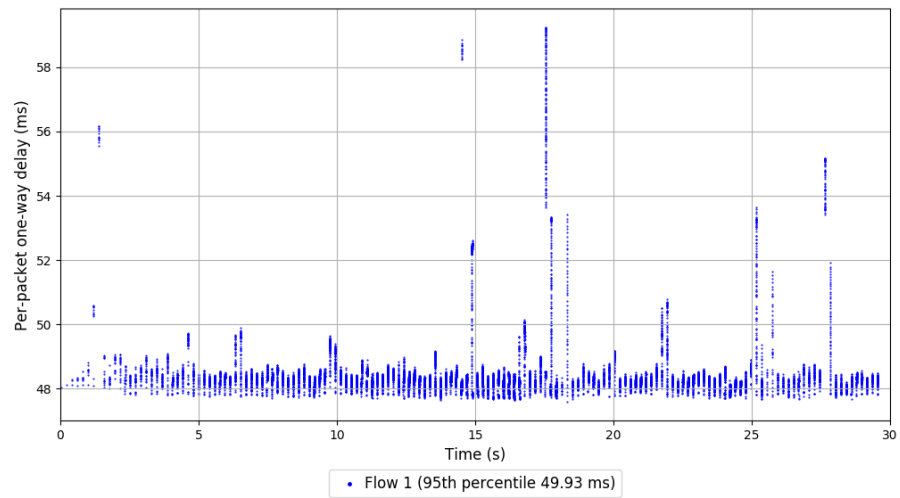
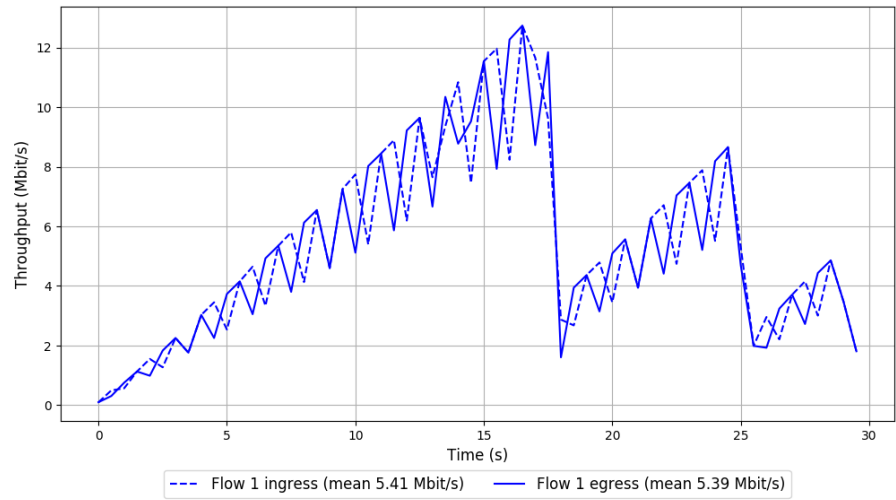


Run 5: Statistics of LEDBAT

Start at: 2017-08-21 23:00:12
End at: 2017-08-21 23:00:42
Local clock offset: 0.873 ms
Remote clock offset: -1.777 ms

Below is generated by plot.py at 2017-08-22 01:09:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 0.41%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-08-21 23:21:59

End at: 2017-08-21 23:22:29

Local clock offset: 0.835 ms

Remote clock offset: -1.73 ms

Below is generated by plot.py at 2017-08-22 01:09:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.33 Mbit/s

95th percentile per-packet one-way delay: 49.722 ms

Loss rate: 0.41%

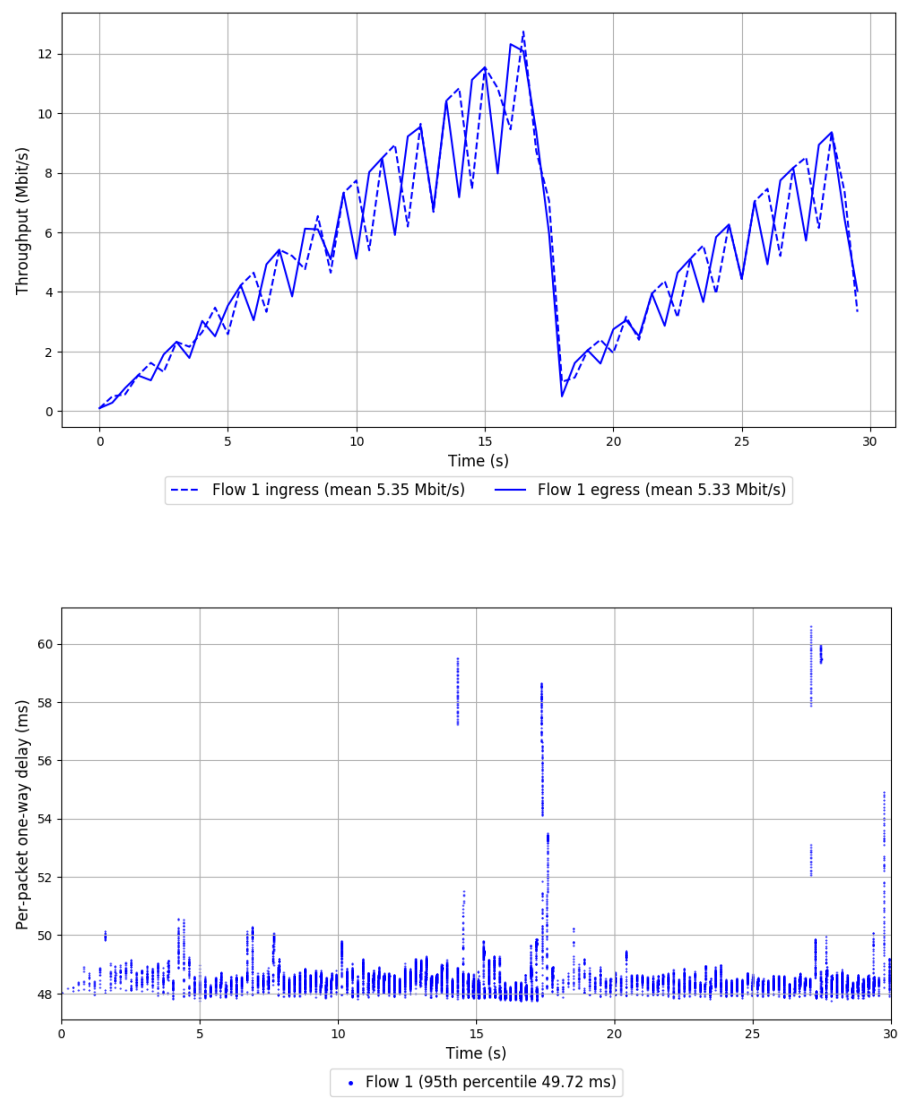
-- Flow 1:

Average throughput: 5.33 Mbit/s

95th percentile per-packet one-way delay: 49.722 ms

Loss rate: 0.41%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-08-21 23:42:26

End at: 2017-08-21 23:42:56

Local clock offset: 0.956 ms

Remote clock offset: -1.76 ms

Below is generated by plot.py at 2017-08-22 01:09:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.57 Mbit/s

95th percentile per-packet one-way delay: 49.464 ms

Loss rate: 0.18%

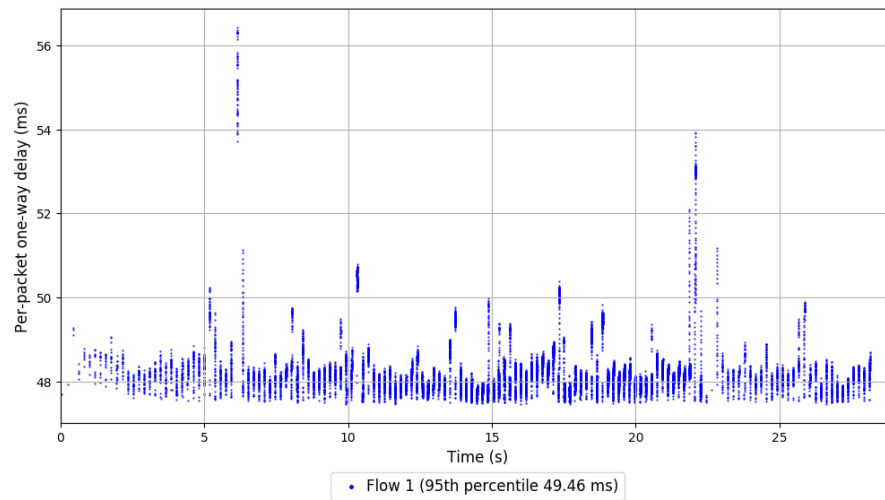
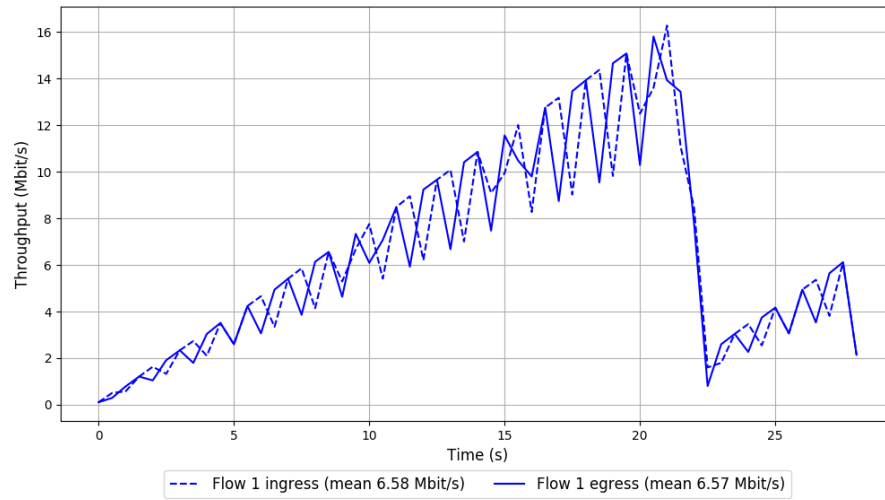
-- Flow 1:

Average throughput: 6.57 Mbit/s

95th percentile per-packet one-way delay: 49.464 ms

Loss rate: 0.18%

Run 7: Report of LEDBAT — Data Link

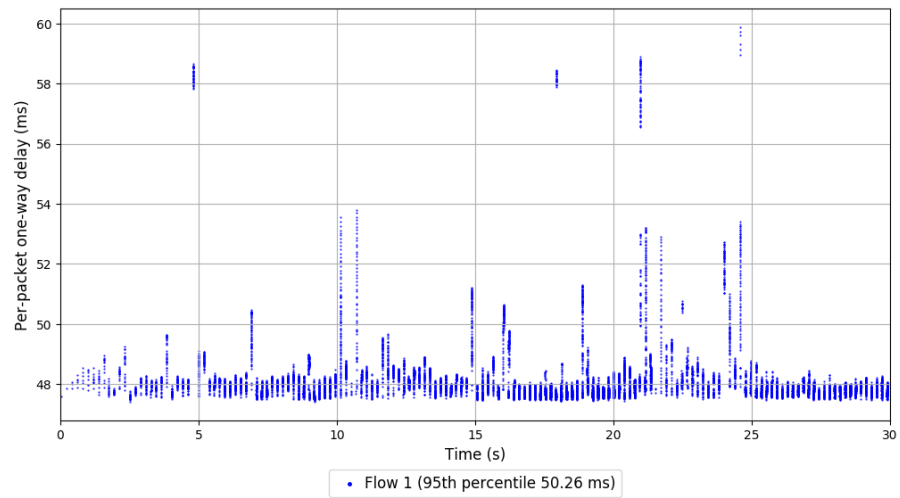
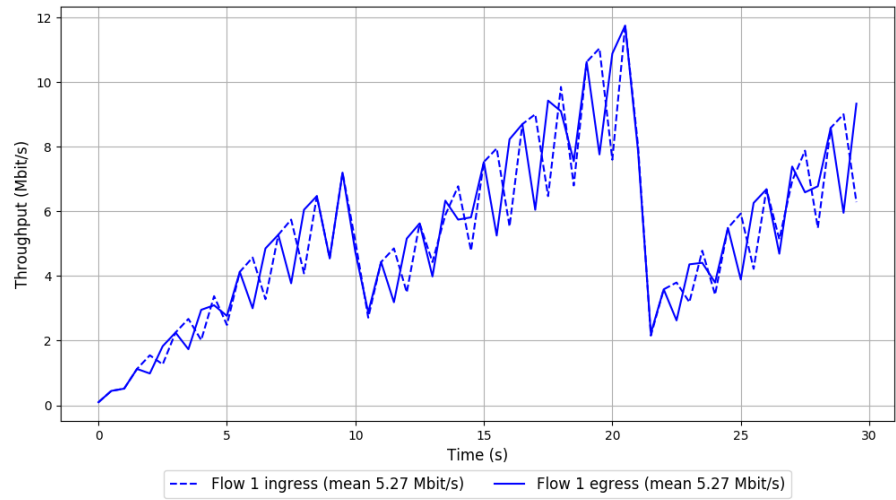


Run 8: Statistics of LEDBAT

Start at: 2017-08-22 00:02:47
End at: 2017-08-22 00:03:18
Local clock offset: 1.096 ms
Remote clock offset: -1.686 ms

Below is generated by plot.py at 2017-08-22 01:09:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 50.262 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 50.262 ms
Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link

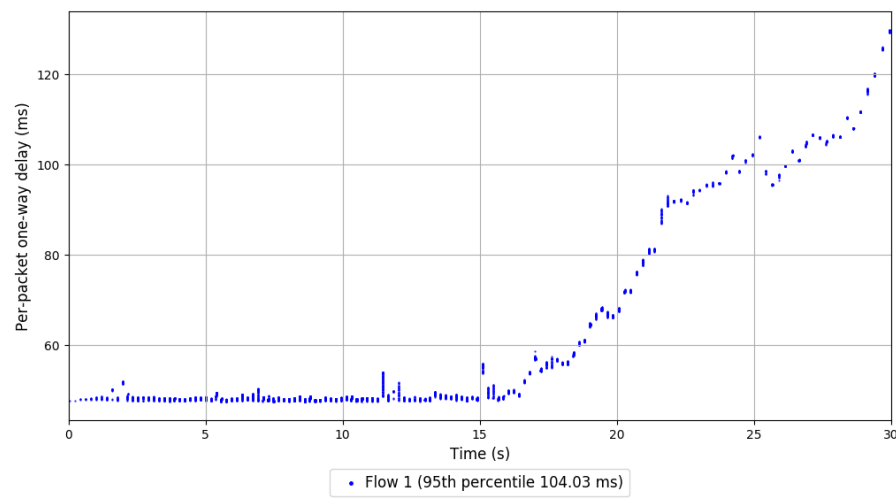
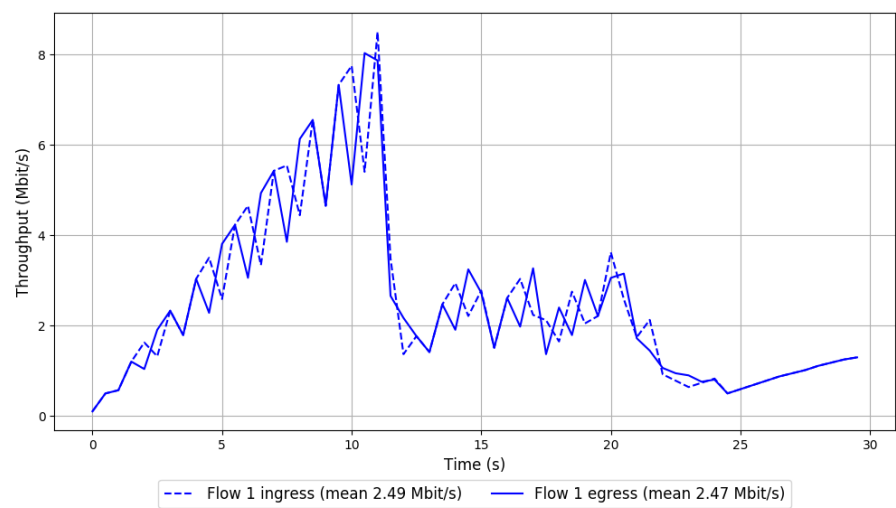


Run 9: Statistics of LEDBAT

Start at: 2017-08-22 00:23:55
End at: 2017-08-22 00:24:25
Local clock offset: 1.424 ms
Remote clock offset: -1.571 ms

Below is generated by plot.py at 2017-08-22 01:09:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 104.032 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 104.032 ms
Loss rate: 0.58%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-08-22 00:43:53

End at: 2017-08-22 00:44:23

Local clock offset: 1.506 ms

Remote clock offset: -1.603 ms

Below is generated by plot.py at 2017-08-22 01:09:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.67 Mbit/s

95th percentile per-packet one-way delay: 49.541 ms

Loss rate: 0.13%

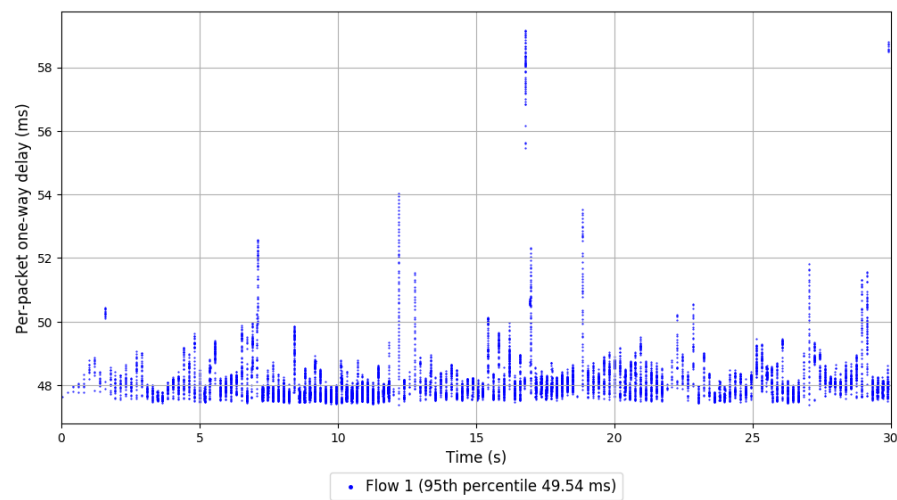
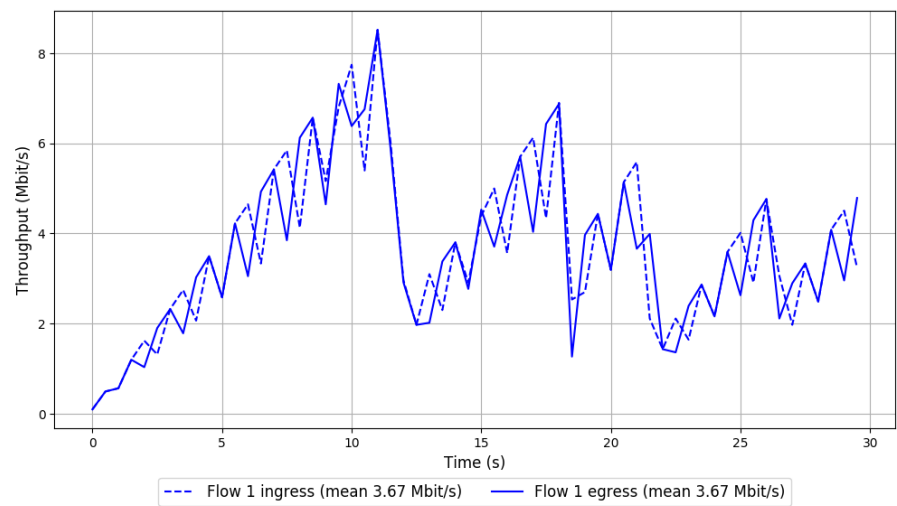
-- Flow 1:

Average throughput: 3.67 Mbit/s

95th percentile per-packet one-way delay: 49.541 ms

Loss rate: 0.13%

Run 10: Report of LEDBAT — Data Link

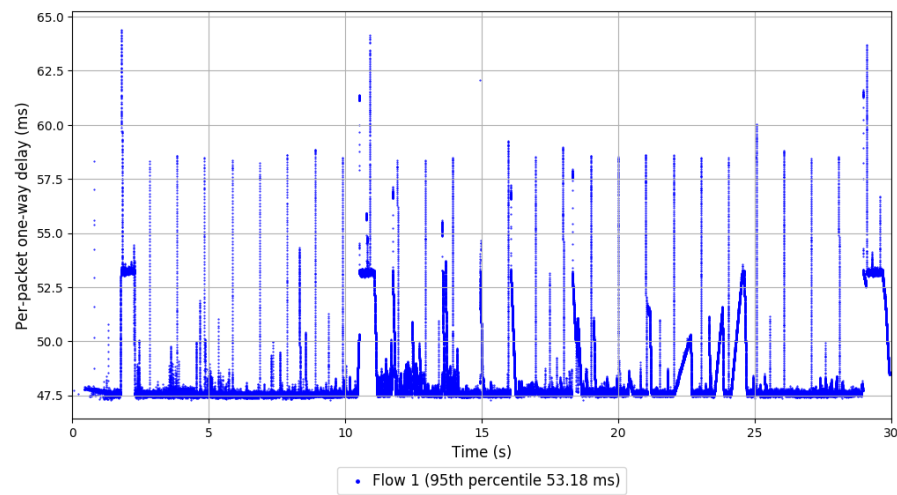
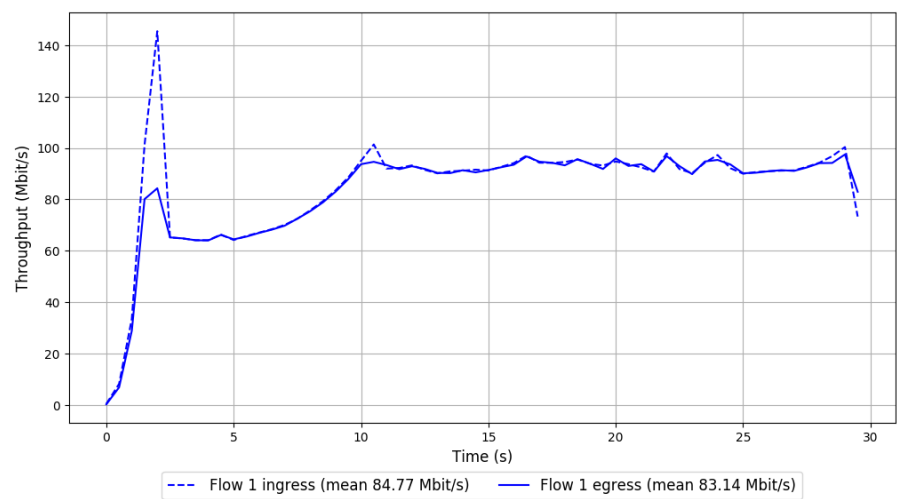


```
Run 1: Statistics of PCC

Start at: 2017-08-21 21:25:49
End at: 2017-08-21 21:26:19
Local clock offset: 0.496 ms
Remote clock offset: -1.186 ms

# Below is generated by plot.py at 2017-08-22 01:10:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 1.92%
```


Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-08-21 21:46:47

End at: 2017-08-21 21:47:17

Local clock offset: 0.675 ms

Remote clock offset: -1.4 ms

Below is generated by plot.py at 2017-08-22 01:10:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 53.192 ms

Loss rate: 1.77%

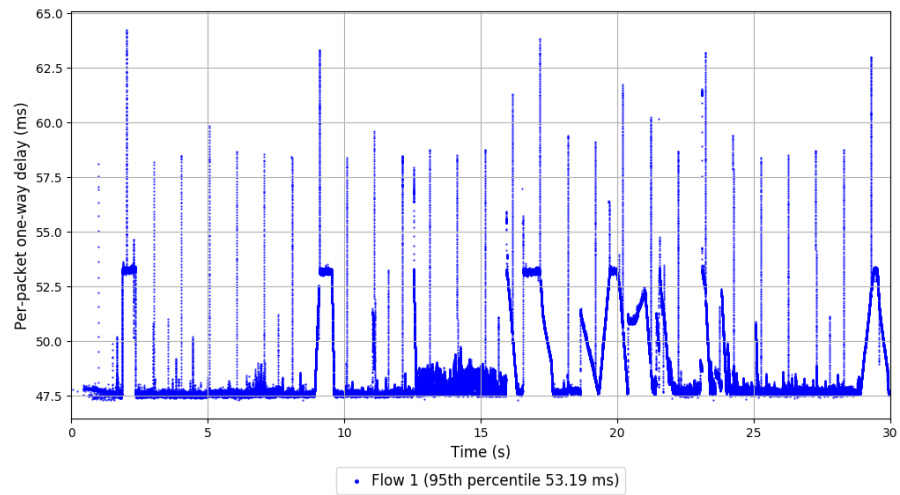
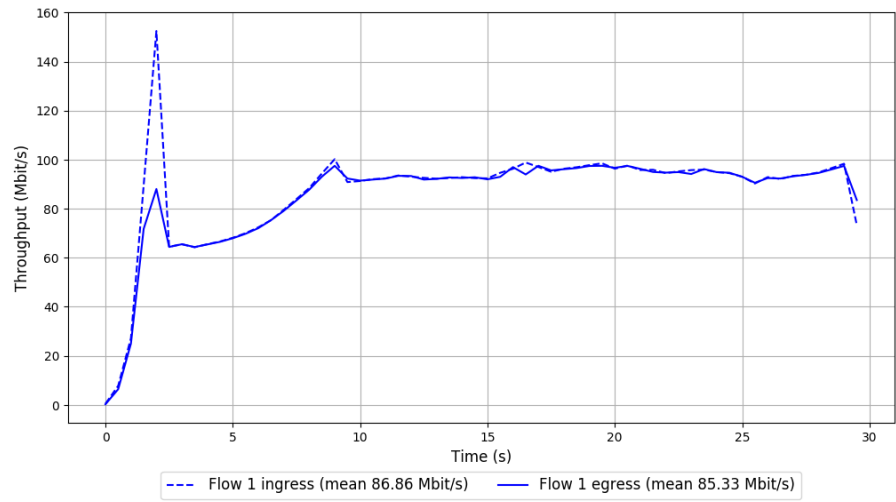
-- Flow 1:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 53.192 ms

Loss rate: 1.77%

Run 2: Report of PCC — Data Link

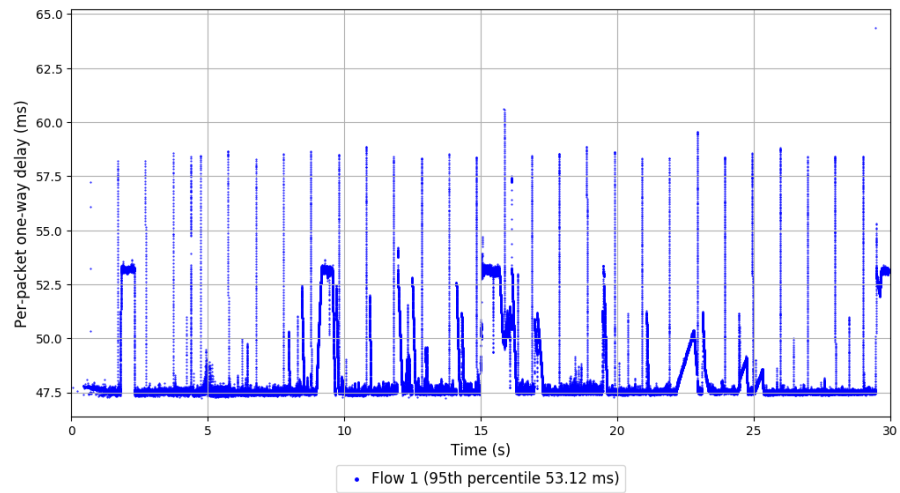
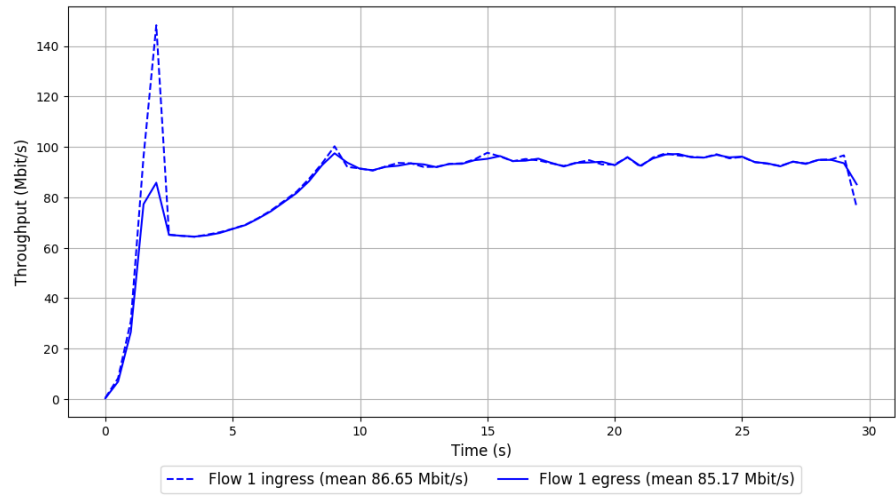


Run 3: Statistics of PCC

Start at: 2017-08-21 22:08:15
End at: 2017-08-21 22:08:45
Local clock offset: 0.831 ms
Remote clock offset: -1.534 ms

Below is generated by plot.py at 2017-08-22 01:10:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 53.124 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 53.124 ms
Loss rate: 1.73%

Run 3: Report of PCC — Data Link

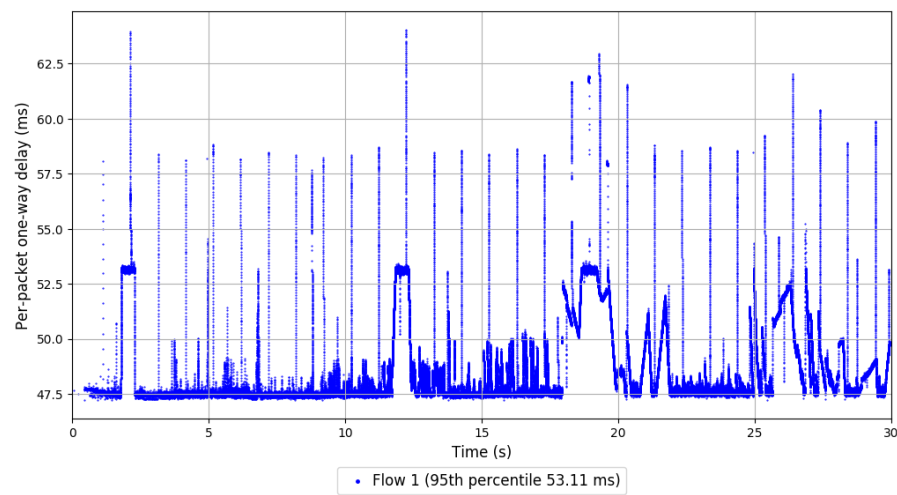
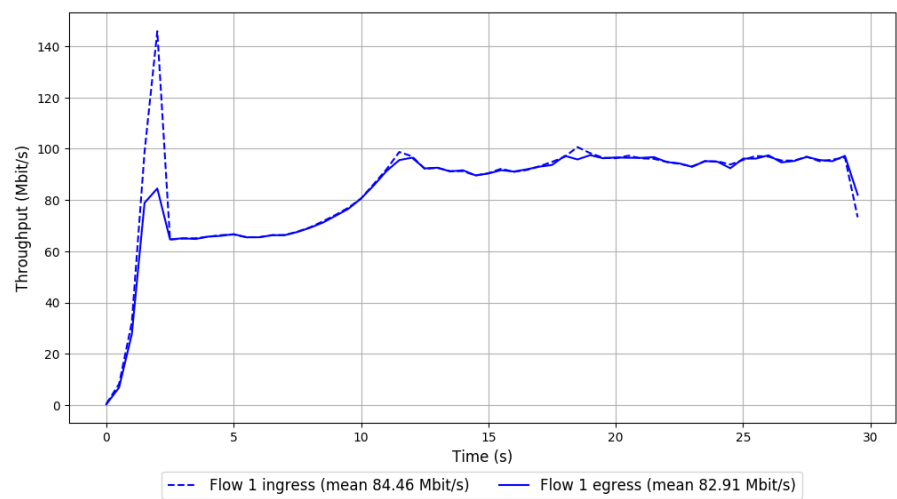


Run 4: Statistics of PCC

Start at: 2017-08-21 22:29:51
End at: 2017-08-21 22:30:21
Local clock offset: 0.912 ms
Remote clock offset: -1.715 ms

Below is generated by plot.py at 2017-08-22 01:10:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.91 Mbit/s
95th percentile per-packet one-way delay: 53.106 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 82.91 Mbit/s
95th percentile per-packet one-way delay: 53.106 ms
Loss rate: 1.86%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-08-21 22:50:18

End at: 2017-08-21 22:50:48

Local clock offset: 0.842 ms

Remote clock offset: -1.74 ms

Below is generated by plot.py at 2017-08-22 01:10:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.97 Mbit/s

95th percentile per-packet one-way delay: 53.274 ms

Loss rate: 1.91%

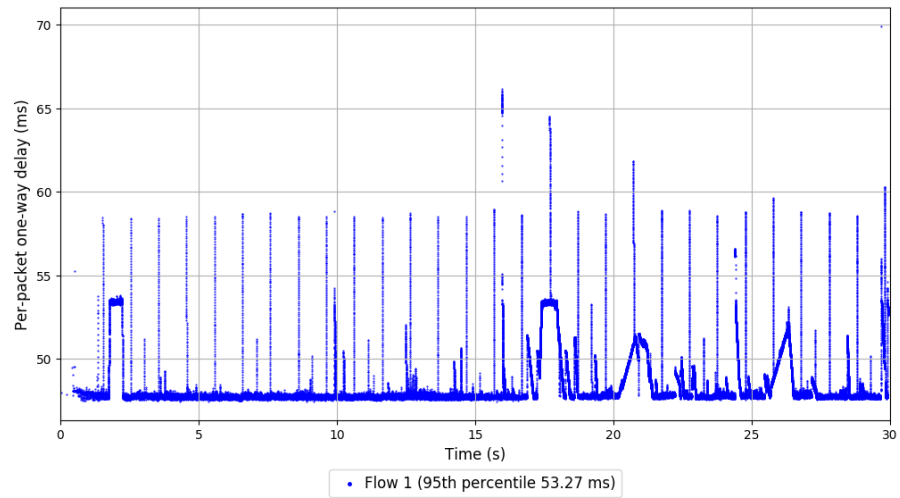
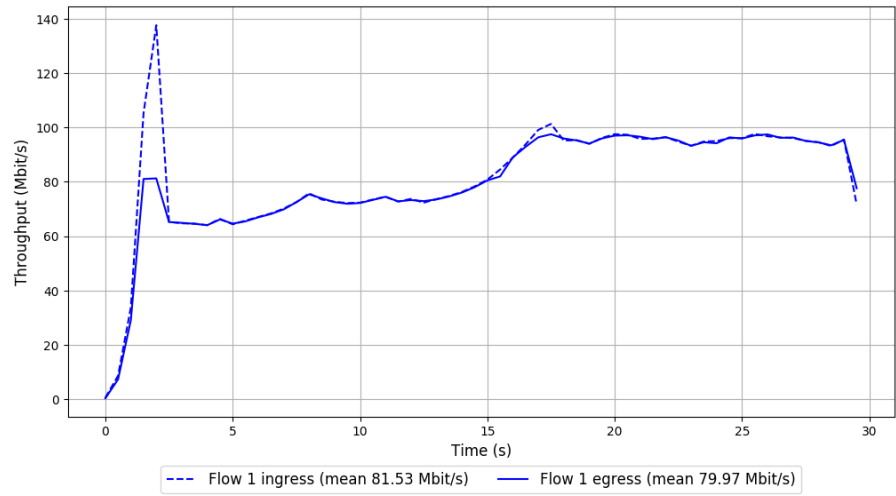
-- Flow 1:

Average throughput: 79.97 Mbit/s

95th percentile per-packet one-way delay: 53.274 ms

Loss rate: 1.91%

Run 5: Report of PCC — Data Link

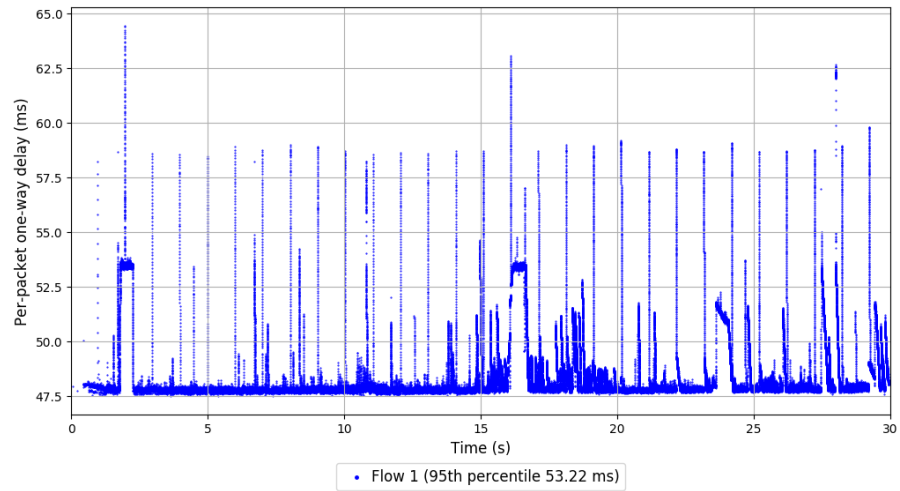
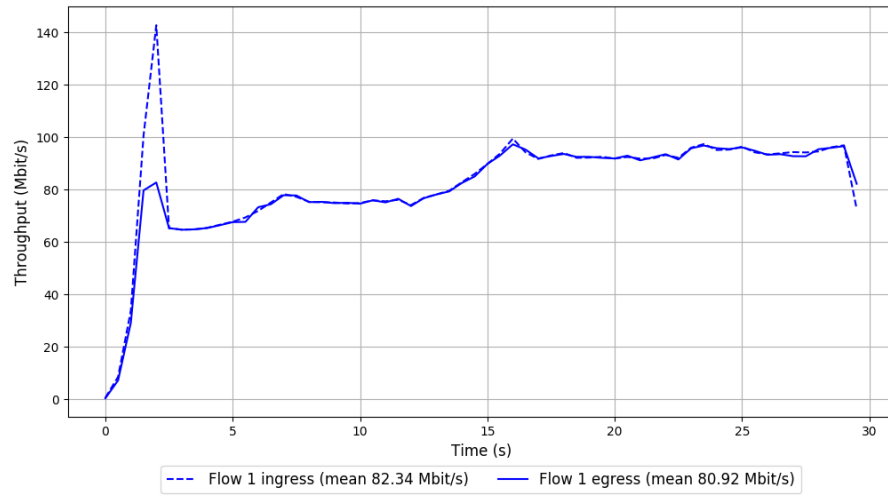


Run 6: Statistics of PCC

Start at: 2017-08-21 23:11:45
End at: 2017-08-21 23:12:15
Local clock offset: 0.866 ms
Remote clock offset: -1.665 ms

Below is generated by plot.py at 2017-08-22 01:10:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 1.74%

Run 6: Report of PCC — Data Link

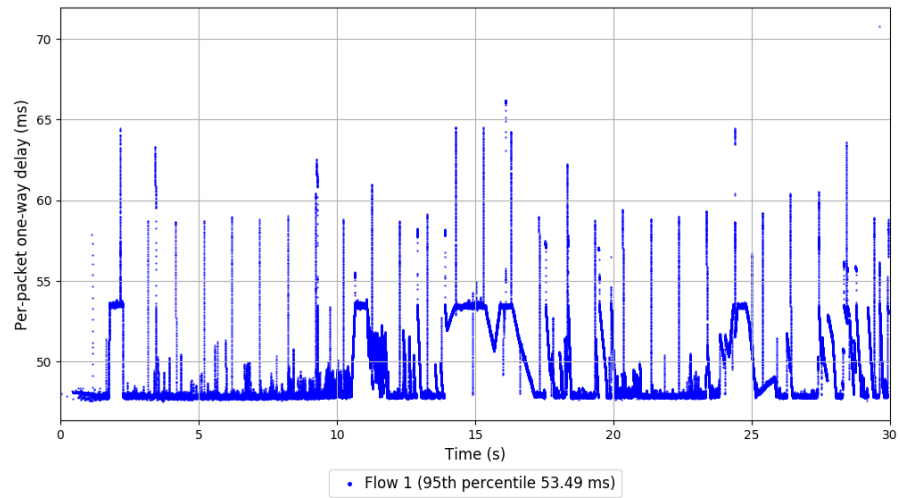
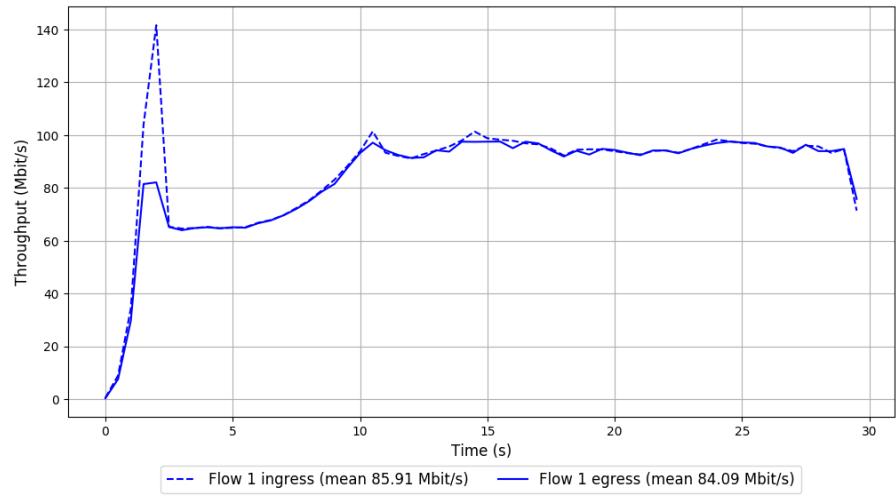


Run 7: Statistics of PCC

Start at: 2017-08-21 23:32:32
End at: 2017-08-21 23:33:02
Local clock offset: 0.882 ms
Remote clock offset: -1.774 ms

Below is generated by plot.py at 2017-08-22 01:10:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.09 Mbit/s
95th percentile per-packet one-way delay: 53.492 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 84.09 Mbit/s
95th percentile per-packet one-way delay: 53.492 ms
Loss rate: 2.12%

Run 7: Report of PCC — Data Link

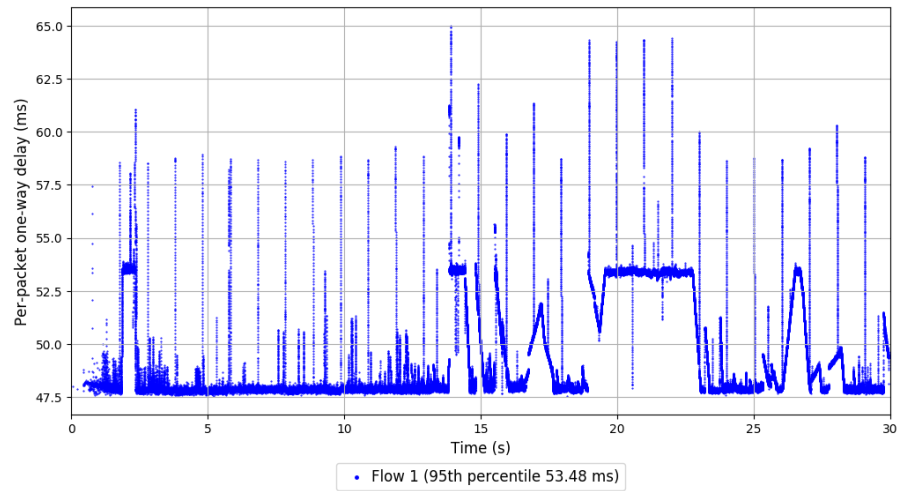
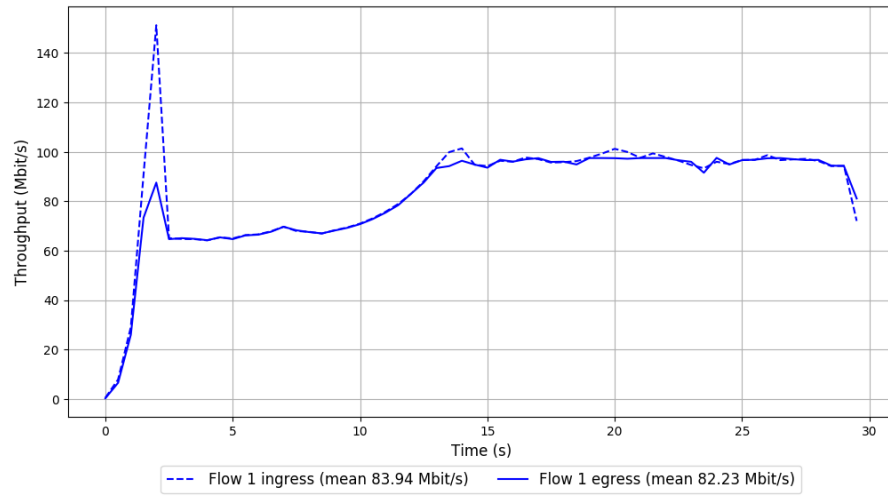


Run 8: Statistics of PCC

Start at: 2017-08-21 23:53:01
End at: 2017-08-21 23:53:31
Local clock offset: 1.013 ms
Remote clock offset: -1.722 ms

Below is generated by plot.py at 2017-08-22 01:10:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 53.476 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 53.476 ms
Loss rate: 2.03%

Run 8: Report of PCC — Data Link

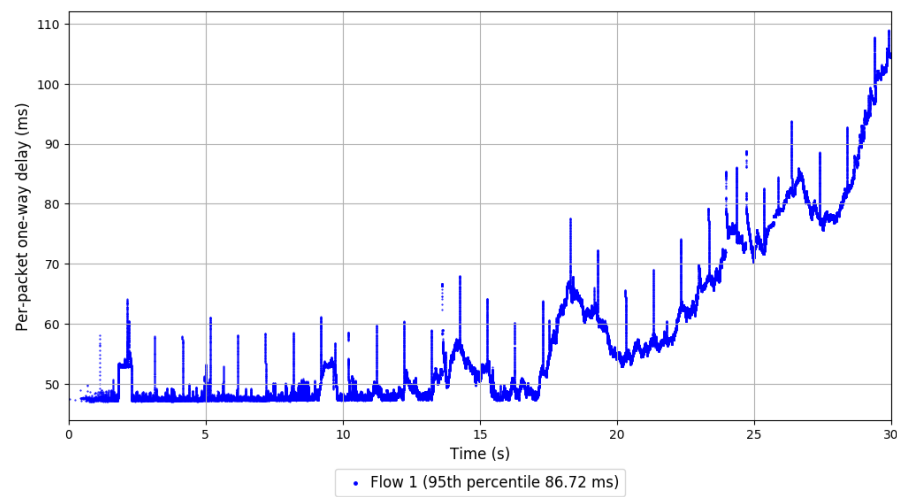
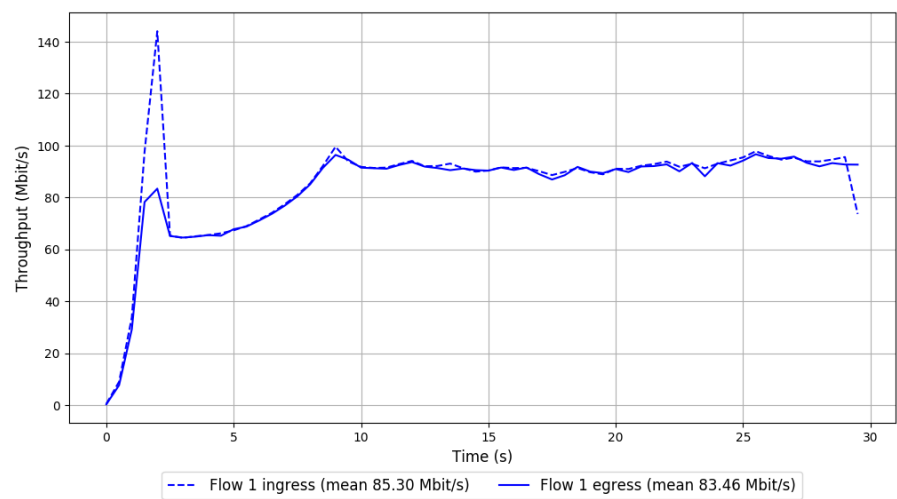


Run 9: Statistics of PCC

Start at: 2017-08-22 00:14:01
End at: 2017-08-22 00:14:31
Local clock offset: 1.355 ms
Remote clock offset: -1.687 ms

Below is generated by plot.py at 2017-08-22 01:10:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.46 Mbit/s
95th percentile per-packet one-way delay: 86.725 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 83.46 Mbit/s
95th percentile per-packet one-way delay: 86.725 ms
Loss rate: 1.97%

Run 9: Report of PCC — Data Link

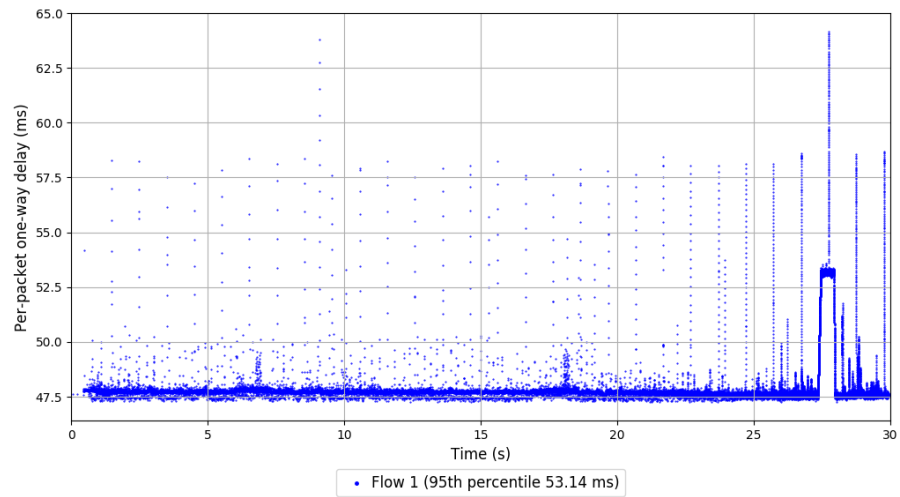
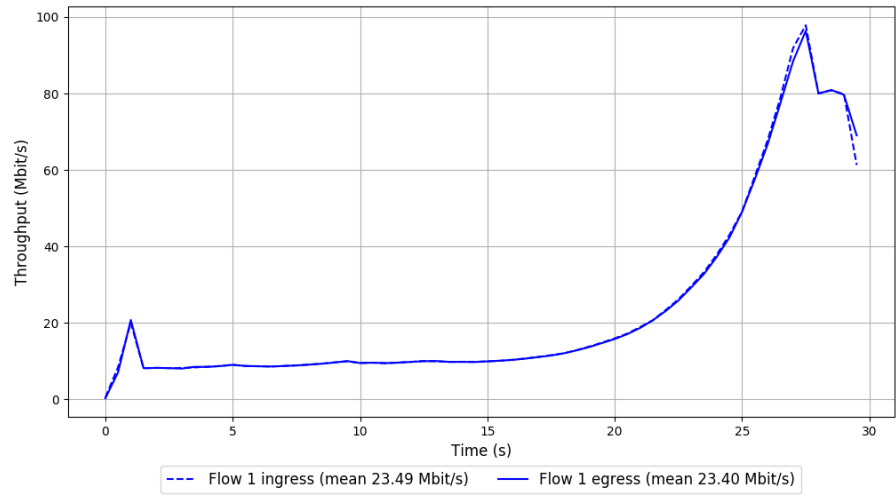


Run 10: Statistics of PCC

Start at: 2017-08-22 00:34:20
End at: 2017-08-22 00:34:50
Local clock offset: 1.42 ms
Remote clock offset: -1.624 ms

Below is generated by plot.py at 2017-08-22 01:10:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 53.144 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 53.144 ms
Loss rate: 0.38%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

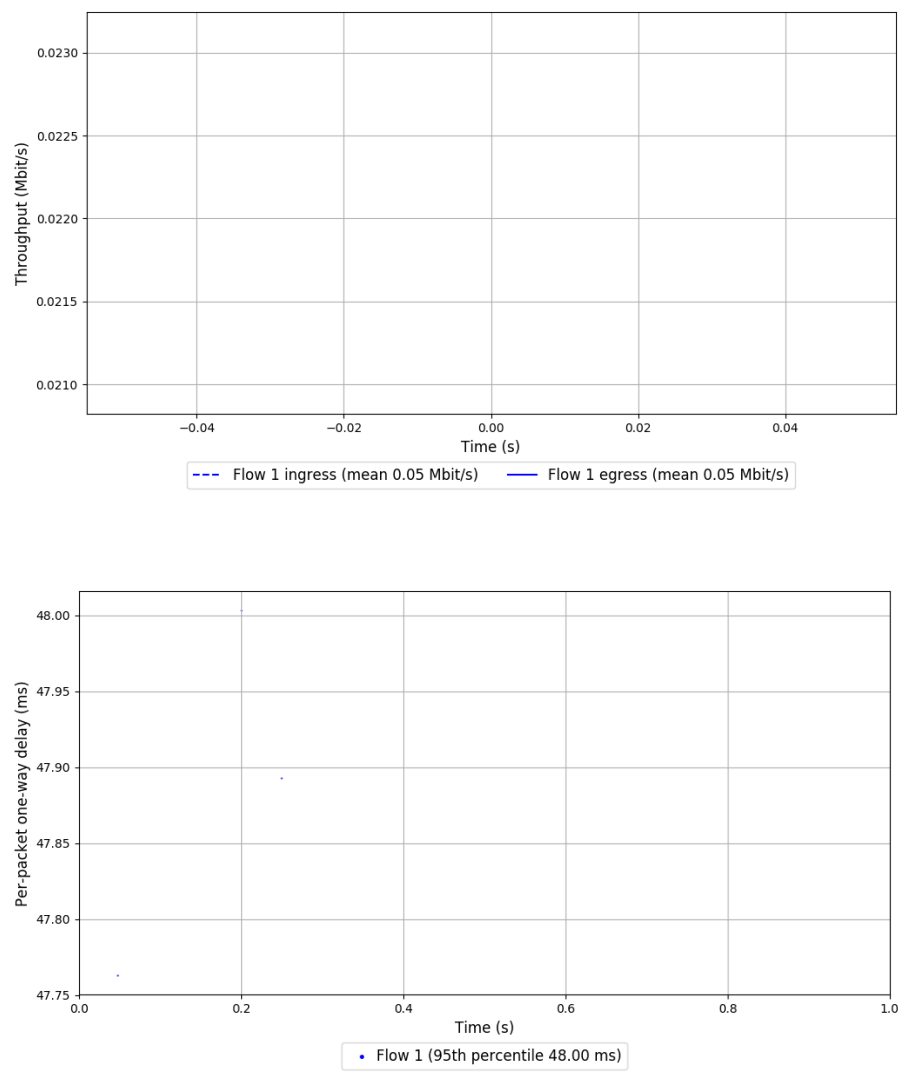
Start at: 2017-08-21 21:22:51

End at: 2017-08-21 21:23:21

Local clock offset: 0.427 ms

Remote clock offset: -1.168 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-08-21 21:43:42

End at: 2017-08-21 21:44:12

Local clock offset: 0.914 ms

Remote clock offset: -1.431 ms

Below is generated by plot.py at 2017-08-22 01:10:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.82 Mbit/s

95th percentile per-packet one-way delay: 48.569 ms

Loss rate: 0.36%

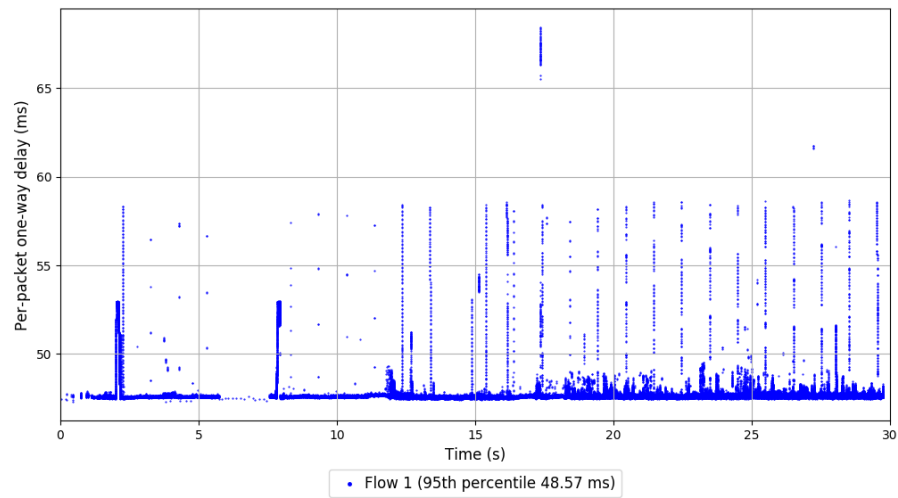
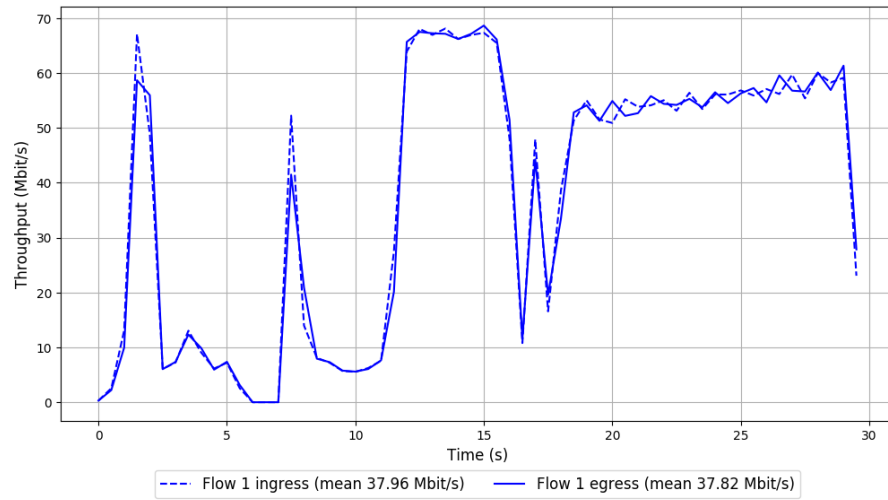
-- Flow 1:

Average throughput: 37.82 Mbit/s

95th percentile per-packet one-way delay: 48.569 ms

Loss rate: 0.36%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

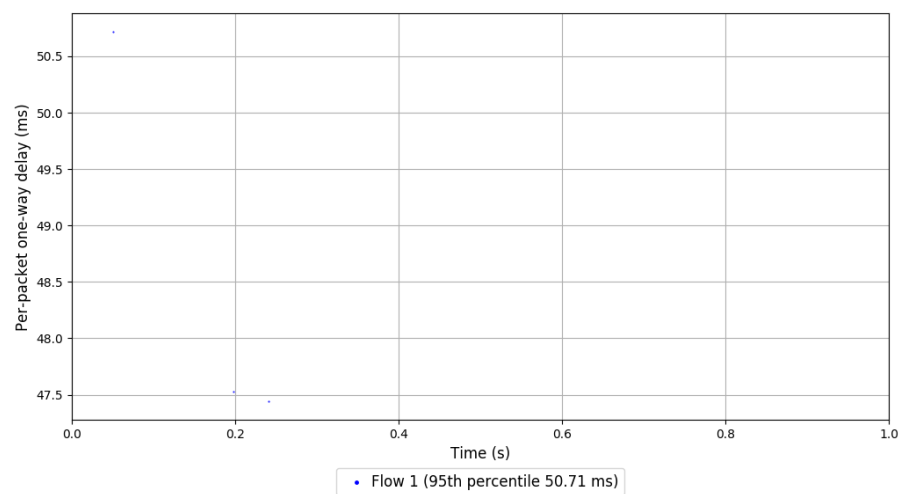
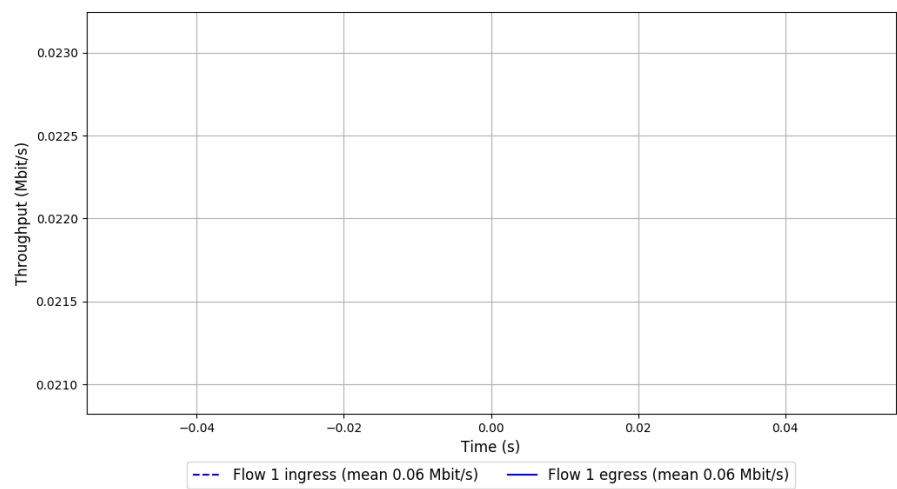
Start at: 2017-08-21 22:05:04

End at: 2017-08-21 22:05:34

Local clock offset: 1.074 ms

Remote clock offset: -1.562 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-08-21 22:26:23

End at: 2017-08-21 22:26:53

Local clock offset: 0.838 ms

Remote clock offset: -1.708 ms

Below is generated by plot.py at 2017-08-22 01:10:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.31 Mbit/s

95th percentile per-packet one-way delay: 48.298 ms

Loss rate: 0.38%

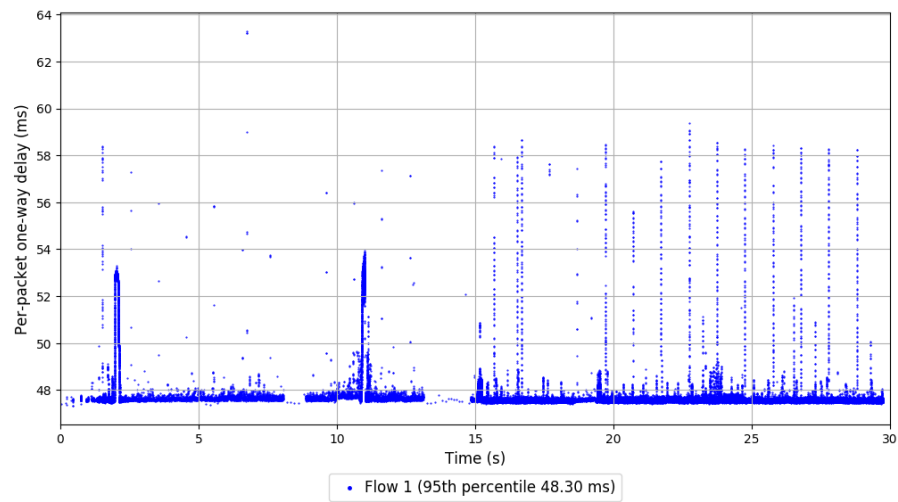
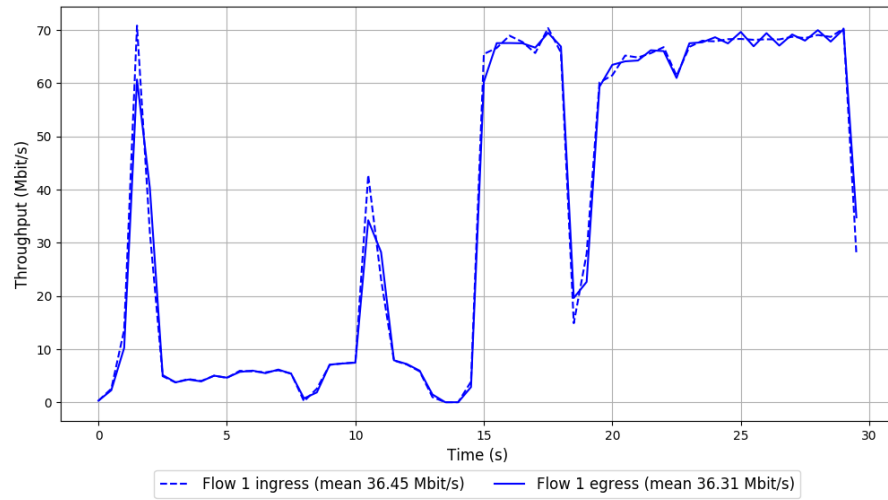
-- Flow 1:

Average throughput: 36.31 Mbit/s

95th percentile per-packet one-way delay: 48.298 ms

Loss rate: 0.38%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

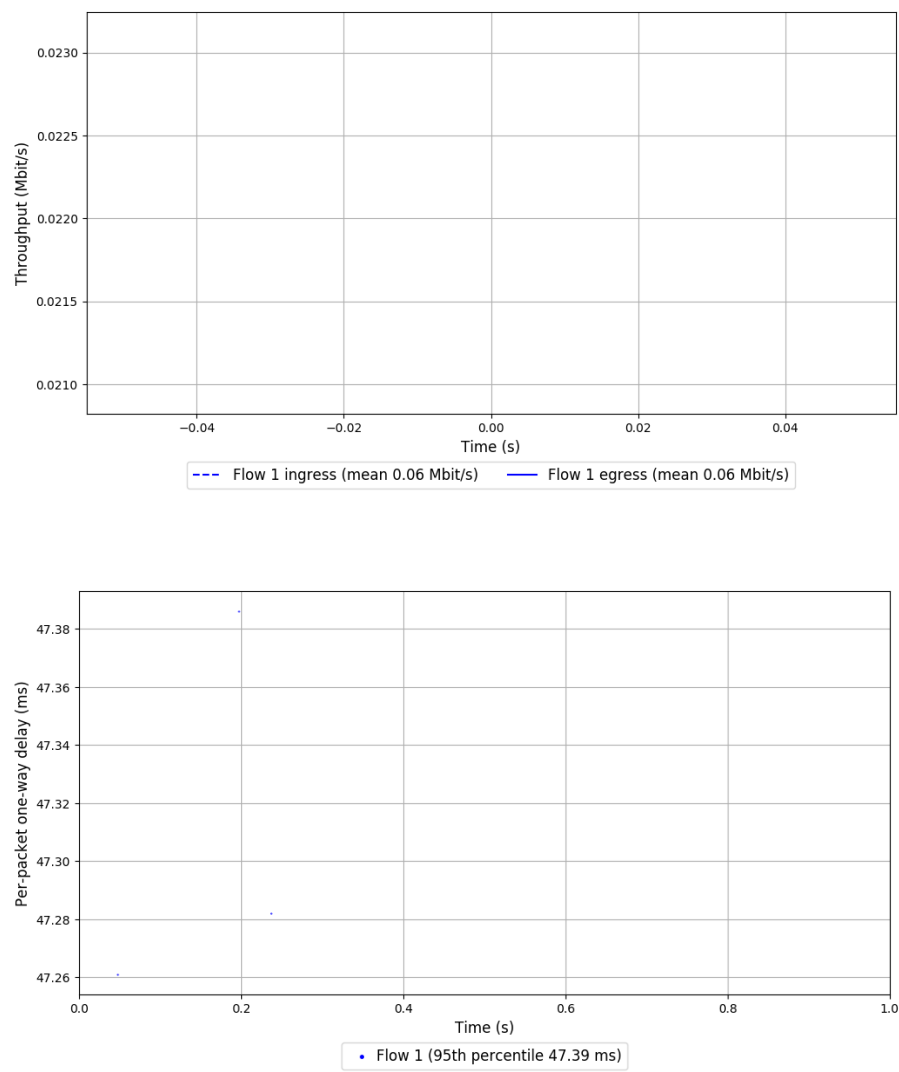
Start at: 2017-08-21 22:47:54

End at: 2017-08-21 22:48:24

Local clock offset: 1.063 ms

Remote clock offset: -1.677 ms

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-08-21 23:08:10

End at: 2017-08-21 23:08:40

Local clock offset: 0.872 ms

Remote clock offset: -1.742 ms

Below is generated by plot.py at 2017-08-22 01:10:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.97 Mbit/s

95th percentile per-packet one-way delay: 48.815 ms

Loss rate: 0.40%

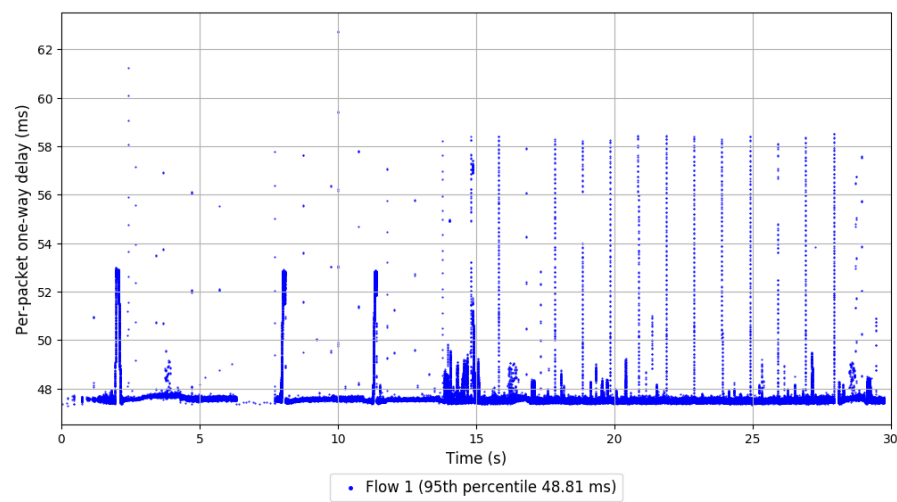
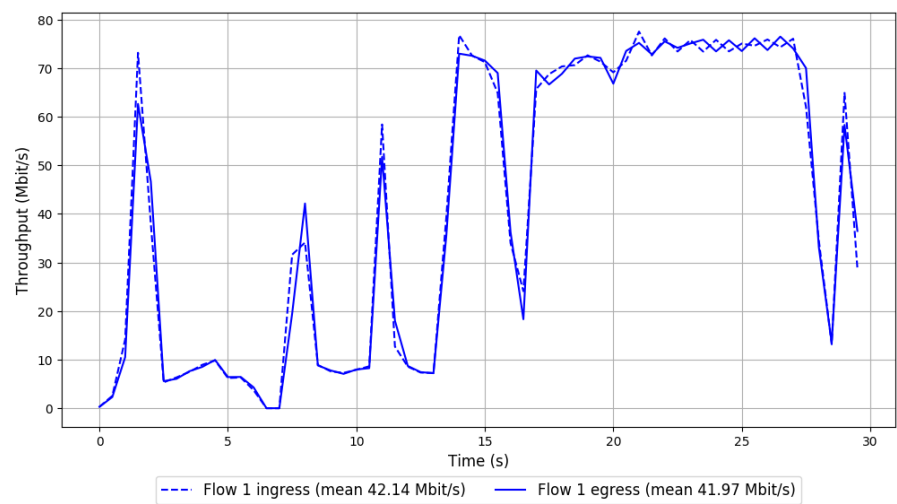
-- Flow 1:

Average throughput: 41.97 Mbit/s

95th percentile per-packet one-way delay: 48.815 ms

Loss rate: 0.40%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-08-21 23:29:59

End at: 2017-08-21 23:30:29

Local clock offset: 0.277 ms

Remote clock offset: -1.784 ms

Below is generated by plot.py at 2017-08-22 01:11:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.85 Mbit/s

95th percentile per-packet one-way delay: 50.688 ms

Loss rate: 0.49%

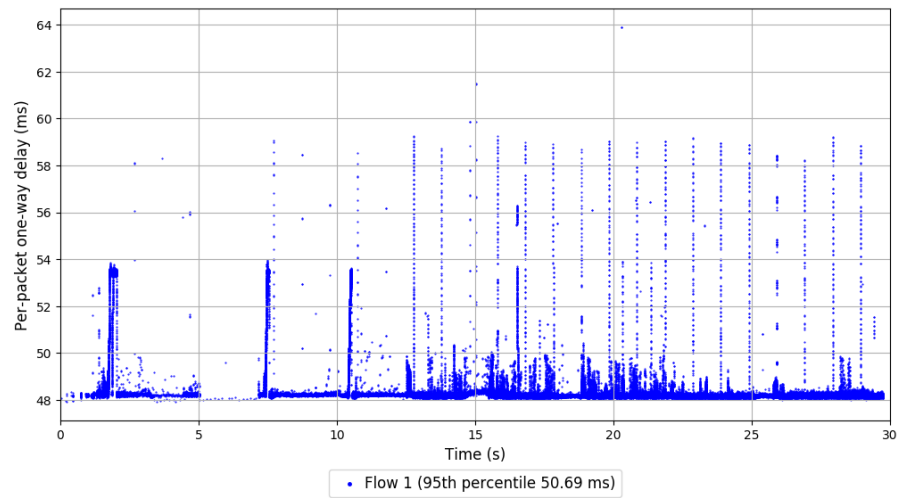
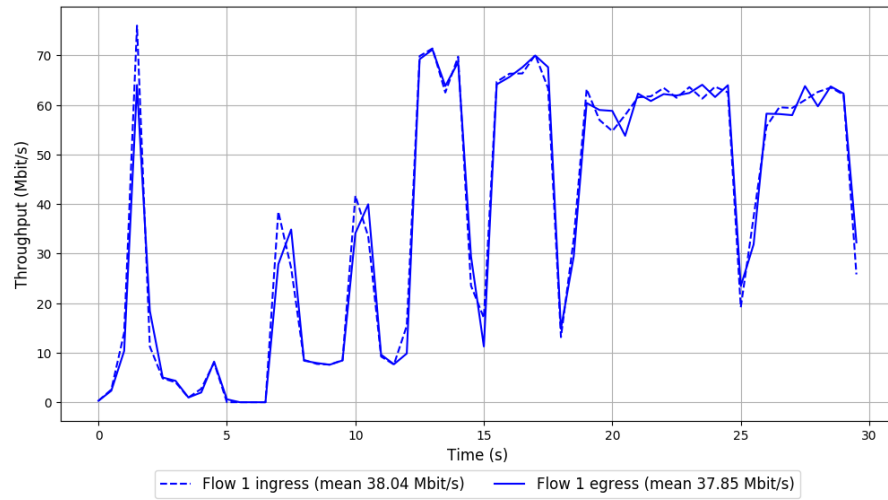
-- Flow 1:

Average throughput: 37.85 Mbit/s

95th percentile per-packet one-way delay: 50.688 ms

Loss rate: 0.49%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

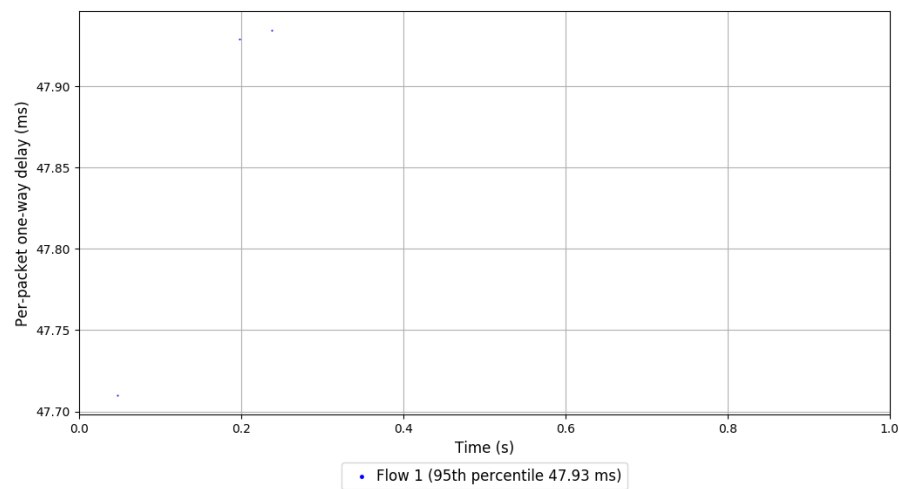
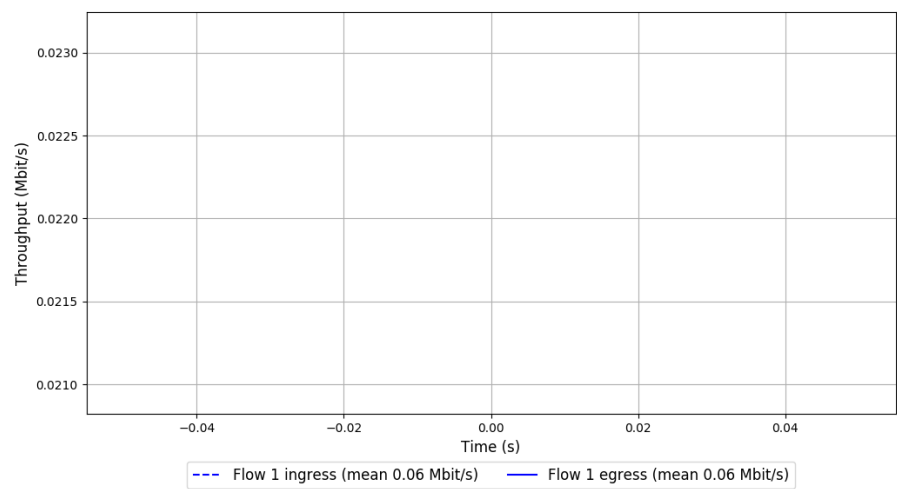
Start at: 2017-08-21 23:50:02

End at: 2017-08-21 23:50:32

Local clock offset: 1.018 ms

Remote clock offset: -1.73 ms

Run 8: Report of QUIC Cubic — Data Link

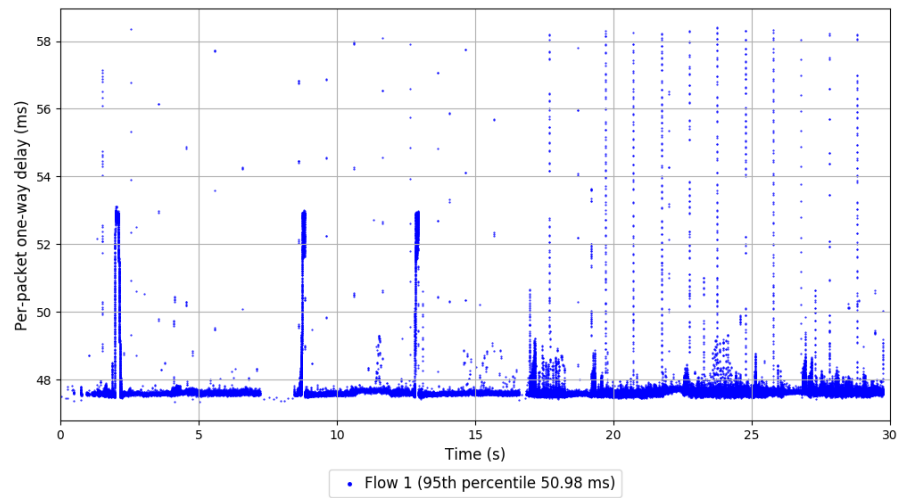
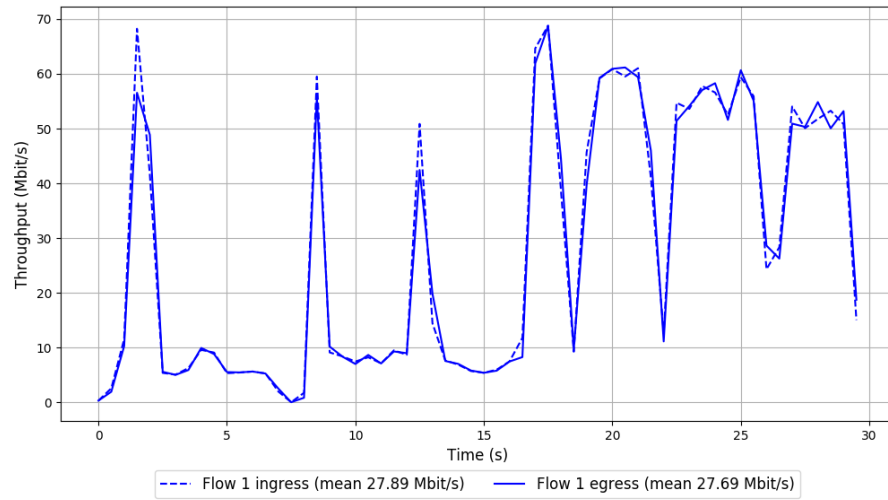


Run 9: Statistics of QUIC Cubic

Start at: 2017-08-22 00:10:45
End at: 2017-08-22 00:11:15
Local clock offset: 1.039 ms
Remote clock offset: -1.695 ms

Below is generated by plot.py at 2017-08-22 01:11:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 50.976 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 50.976 ms
Loss rate: 0.70%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

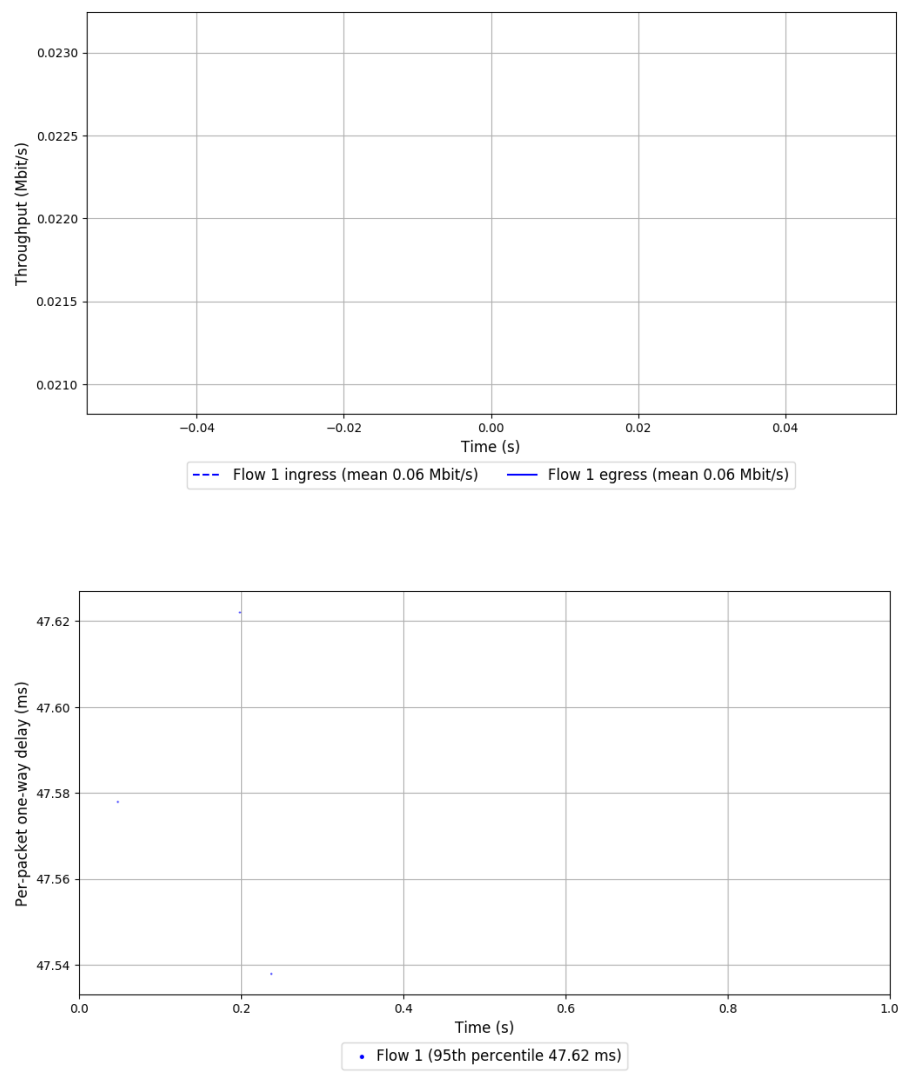
Start at: 2017-08-22 00:31:57

End at: 2017-08-22 00:32:27

Local clock offset: 1.436 ms

Remote clock offset: -1.603 ms

Run 10: Report of QUIC Cubic — Data Link

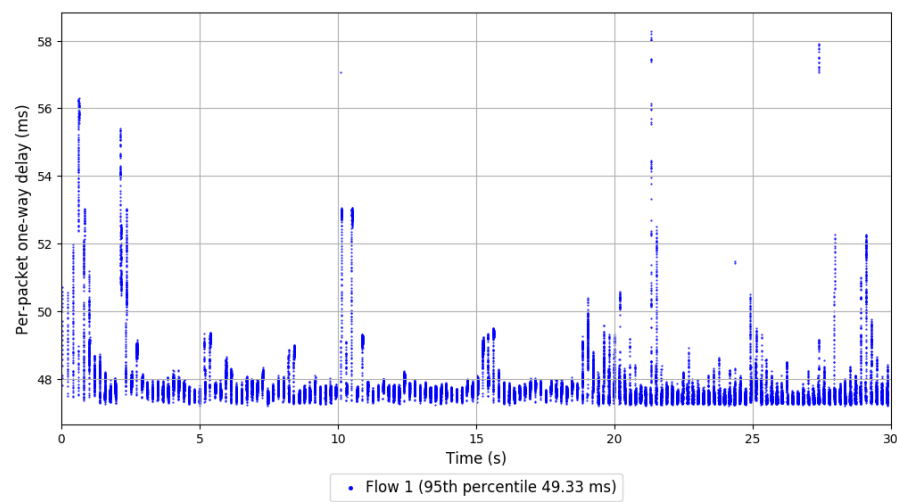
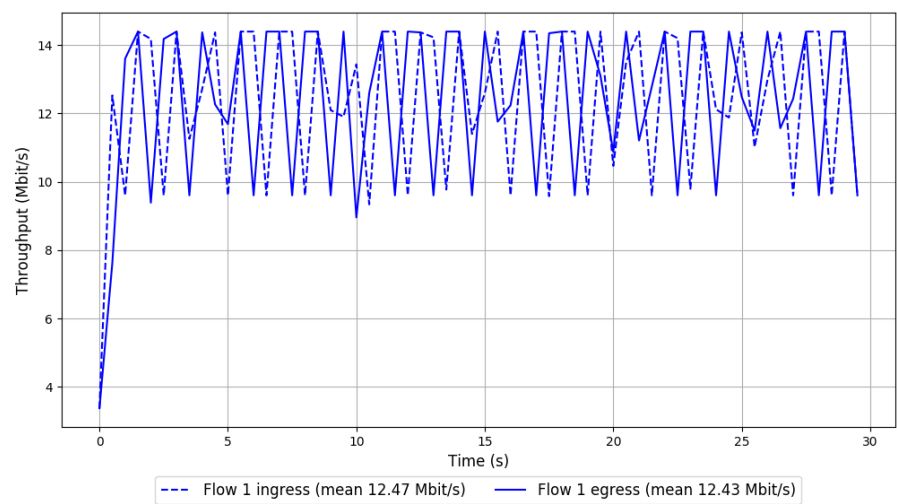


Run 1: Statistics of Saturator

Start at: 2017-08-21 21:30:12
End at: 2017-08-21 21:30:42
Local clock offset: 0.844 ms
Remote clock offset: -1.192 ms

Below is generated by plot.py at 2017-08-22 01:11:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.334 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.334 ms
Loss rate: 0.32%

Run 1: Report of Saturator — Data Link

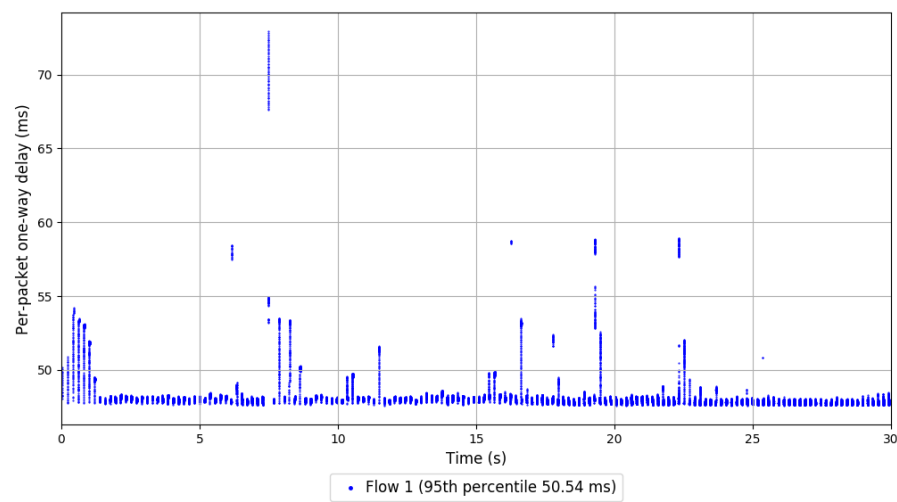
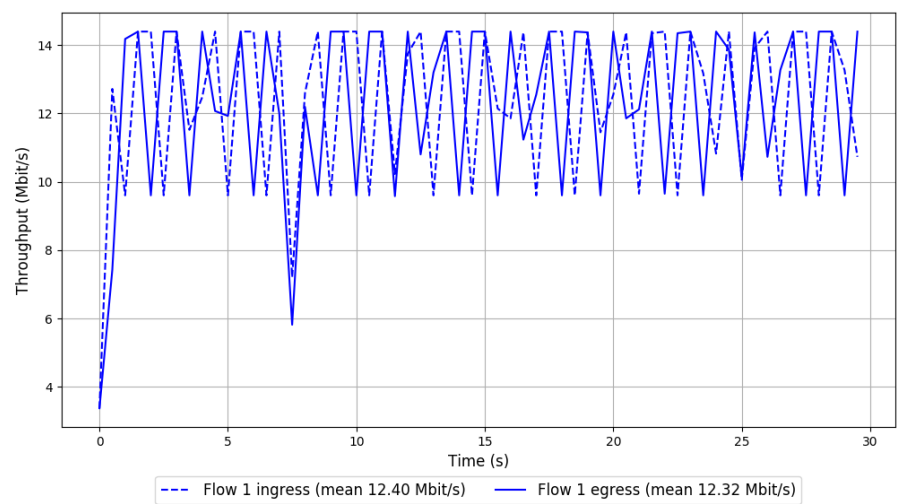


Run 2: Statistics of Saturator

Start at: 2017-08-21 21:51:24
End at: 2017-08-21 21:51:54
Local clock offset: 1.027 ms
Remote clock offset: -1.273 ms

Below is generated by plot.py at 2017-08-22 01:11:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 50.538 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 50.538 ms
Loss rate: 0.69%

Run 2: Report of Saturator — Data Link

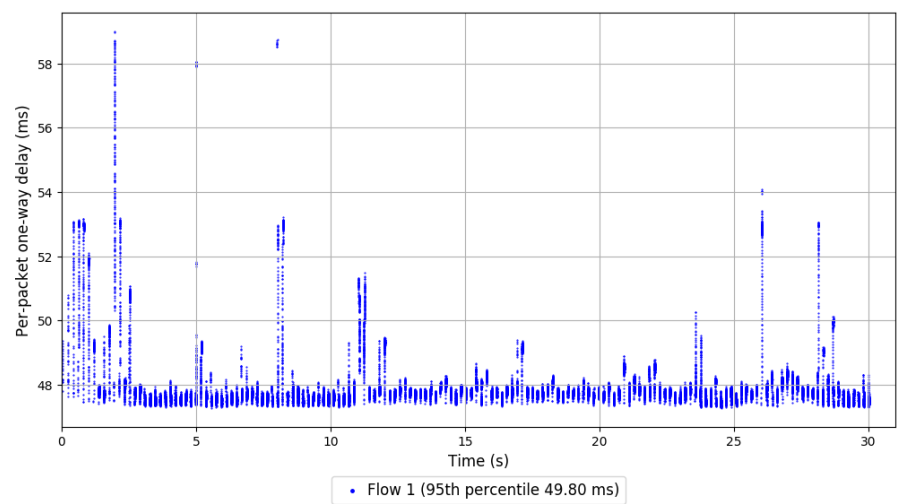
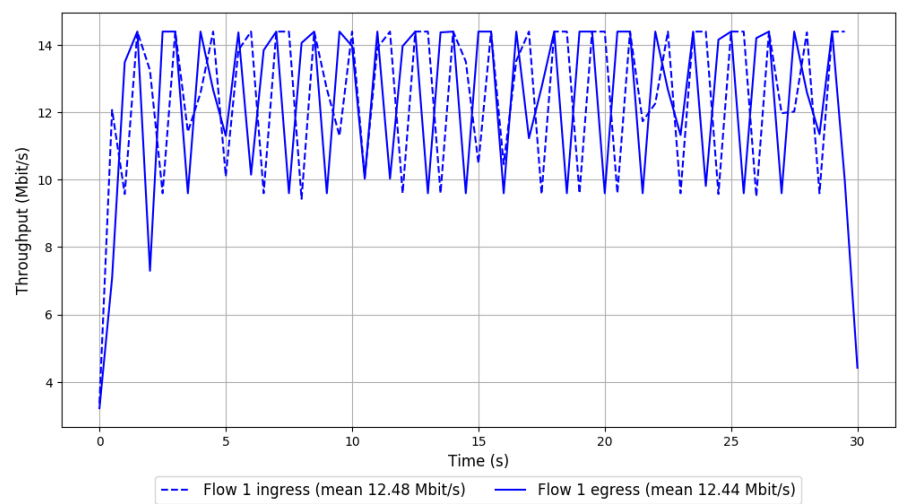


Run 3: Statistics of Saturator

Start at: 2017-08-21 22:12:30
End at: 2017-08-21 22:13:00
Local clock offset: 1.057 ms
Remote clock offset: -1.536 ms

Below is generated by plot.py at 2017-08-22 01:11:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.801 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.801 ms
Loss rate: 0.36%

Run 3: Report of Saturator — Data Link

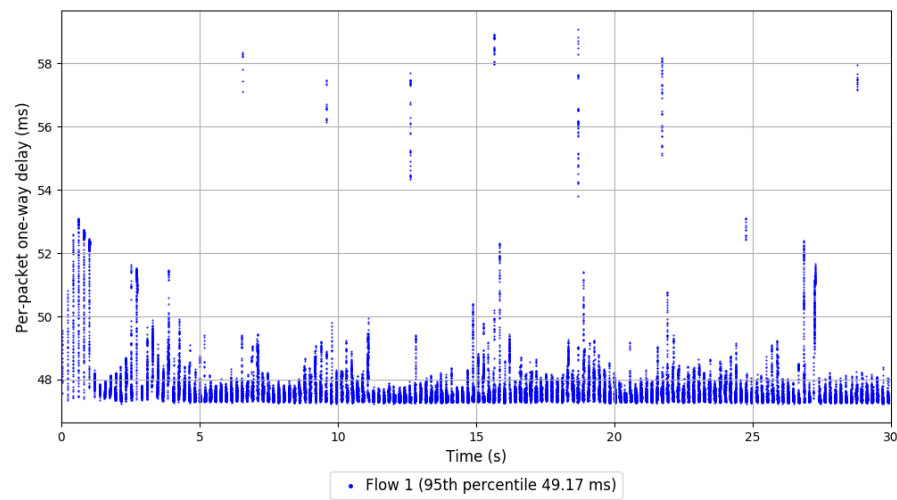
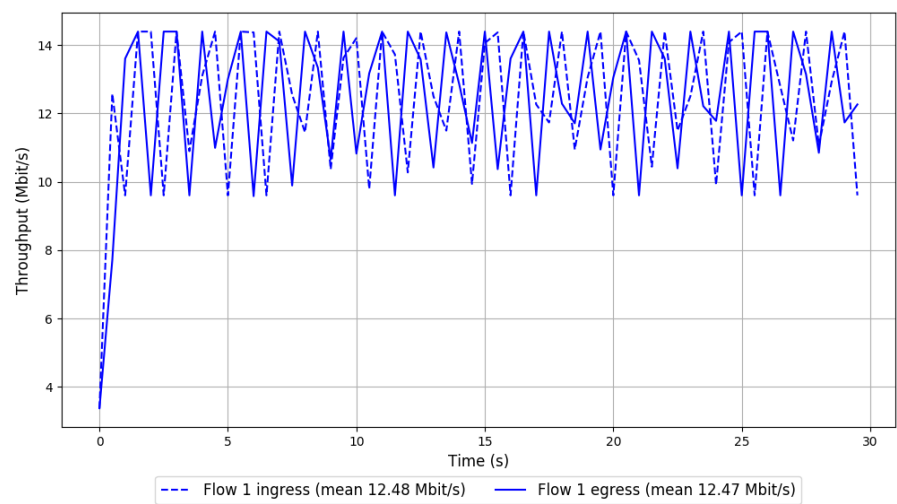


Run 4: Statistics of Saturator

Start at: 2017-08-21 22:34:25
End at: 2017-08-21 22:34:55
Local clock offset: 1.098 ms
Remote clock offset: -1.627 ms

Below is generated by plot.py at 2017-08-22 01:11:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 49.167 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 49.167 ms
Loss rate: 0.12%

Run 4: Report of Saturator — Data Link

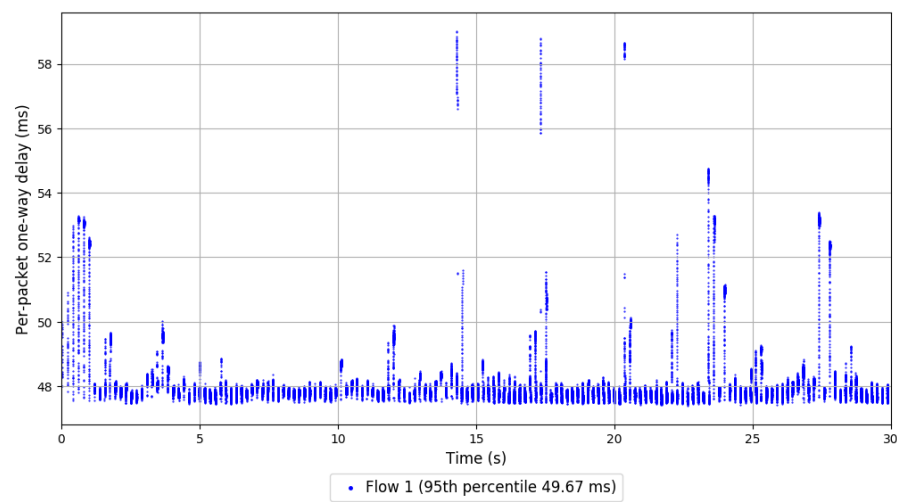
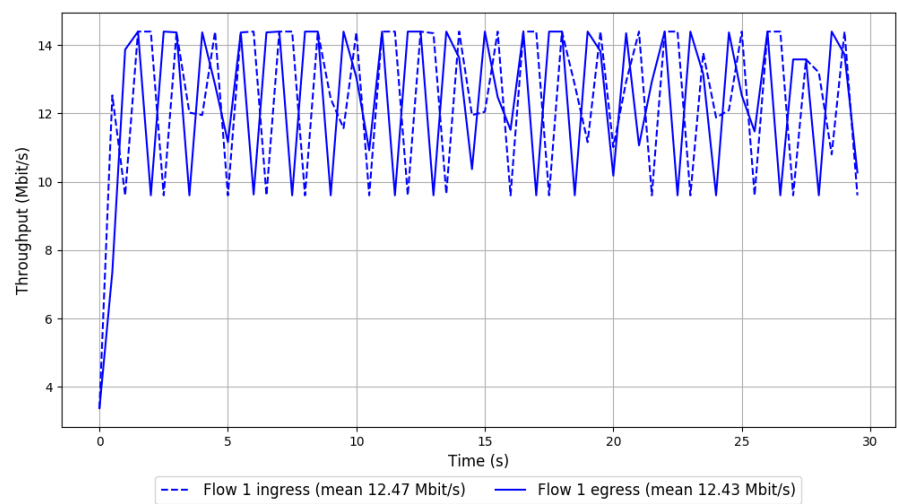


Run 5: Statistics of Saturator

Start at: 2017-08-21 22:54:35
End at: 2017-08-21 22:55:05
Local clock offset: 1.082 ms
Remote clock offset: -1.734 ms

Below is generated by plot.py at 2017-08-22 01:11:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.673 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.673 ms
Loss rate: 0.32%

Run 5: Report of Saturator — Data Link

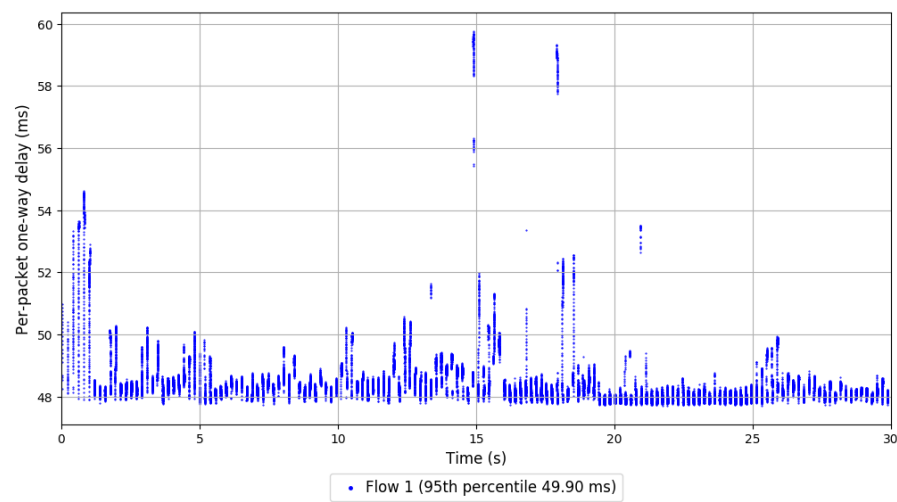
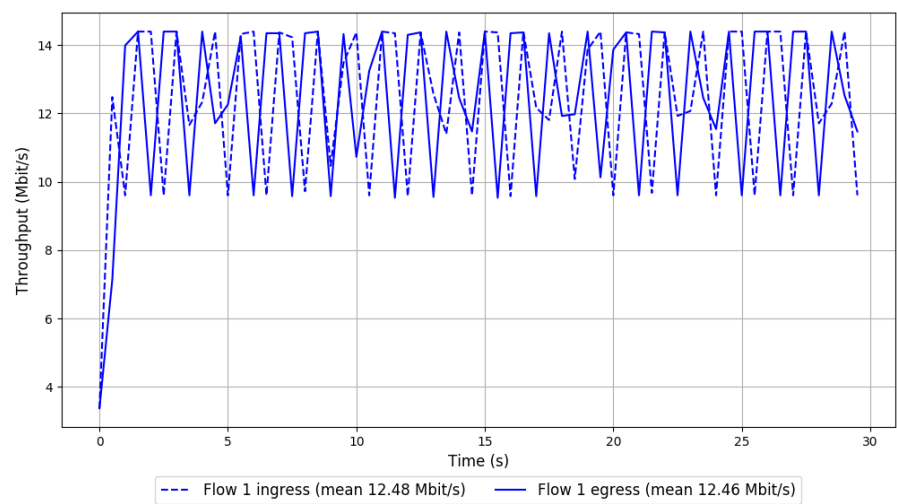


Run 6: Statistics of Saturator

Start at: 2017-08-21 23:16:15
End at: 2017-08-21 23:16:45
Local clock offset: 0.809 ms
Remote clock offset: -1.752 ms

Below is generated by plot.py at 2017-08-22 01:11:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.46 Mbit/s
95th percentile per-packet one-way delay: 49.902 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 12.46 Mbit/s
95th percentile per-packet one-way delay: 49.902 ms
Loss rate: 0.21%

Run 6: Report of Saturator — Data Link

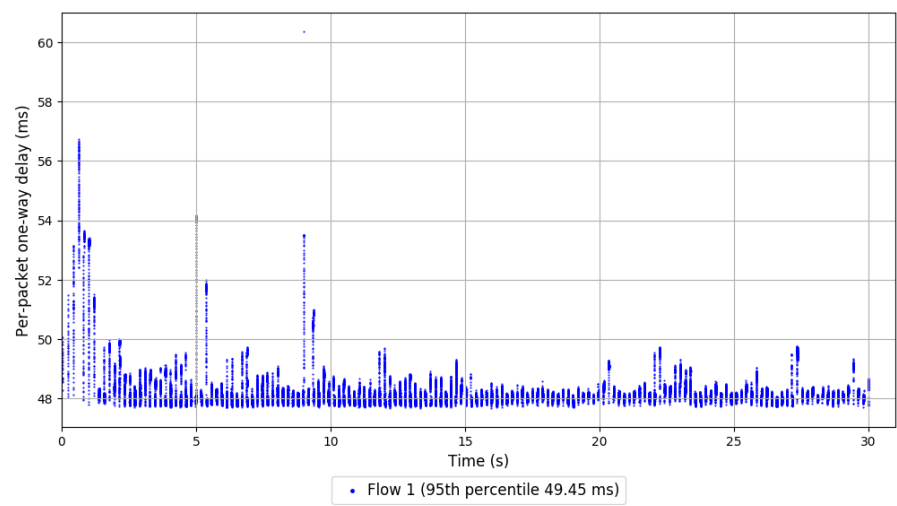
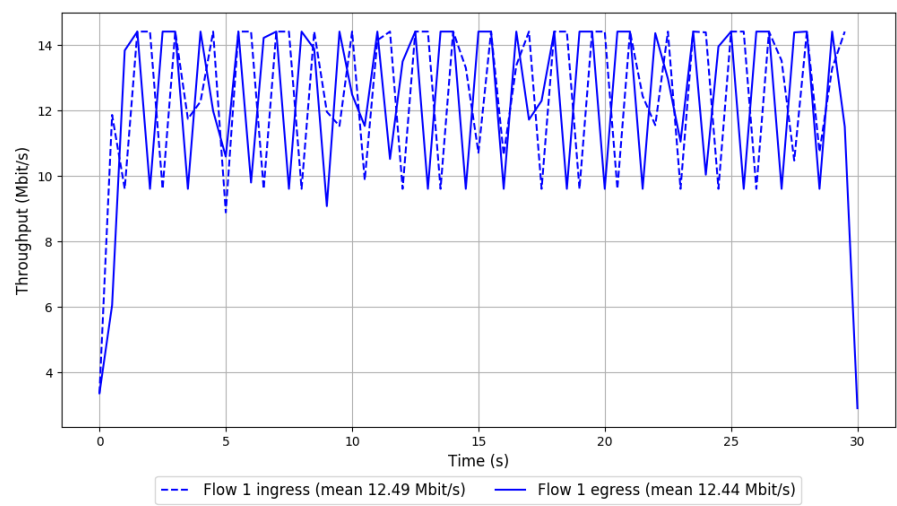


Run 7: Statistics of Saturator

Start at: 2017-08-21 23:36:59
End at: 2017-08-21 23:37:29
Local clock offset: 0.992 ms
Remote clock offset: -1.723 ms

Below is generated by plot.py at 2017-08-22 01:11:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.38%

Run 7: Report of Saturator — Data Link

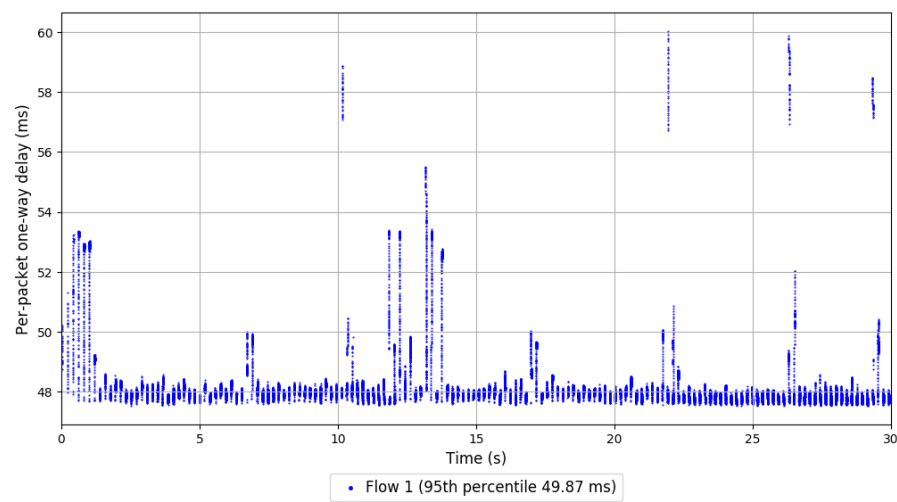
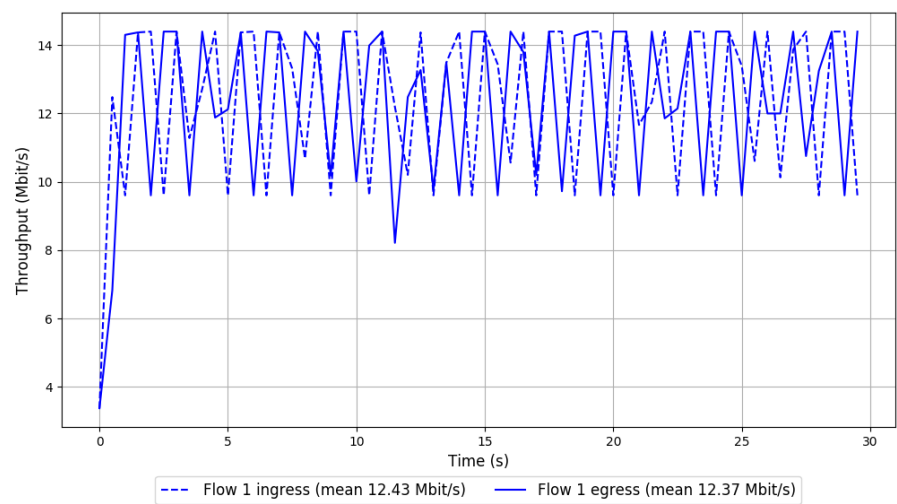


Run 8: Statistics of Saturator

Start at: 2017-08-21 23:57:23
End at: 2017-08-21 23:57:53
Local clock offset: 1.26 ms
Remote clock offset: -1.688 ms

Below is generated by plot.py at 2017-08-22 01:11:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 49.868 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 49.868 ms
Loss rate: 0.48%

Run 8: Report of Saturator — Data Link

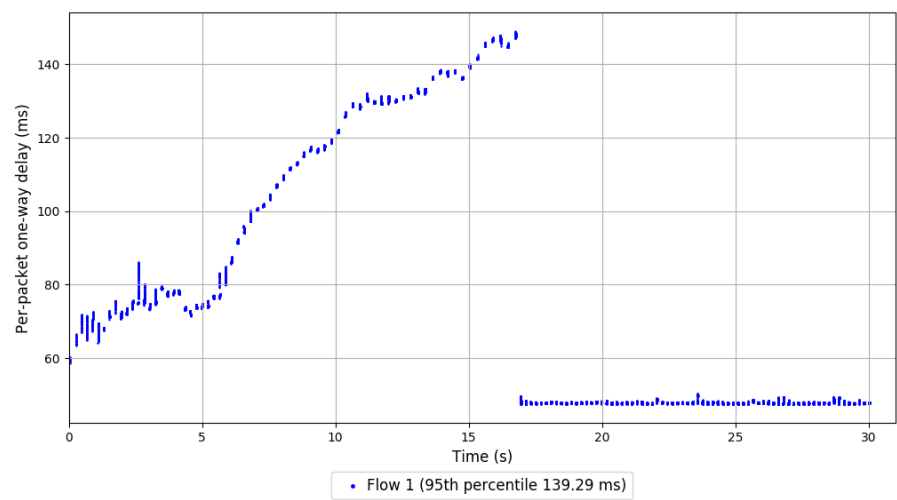
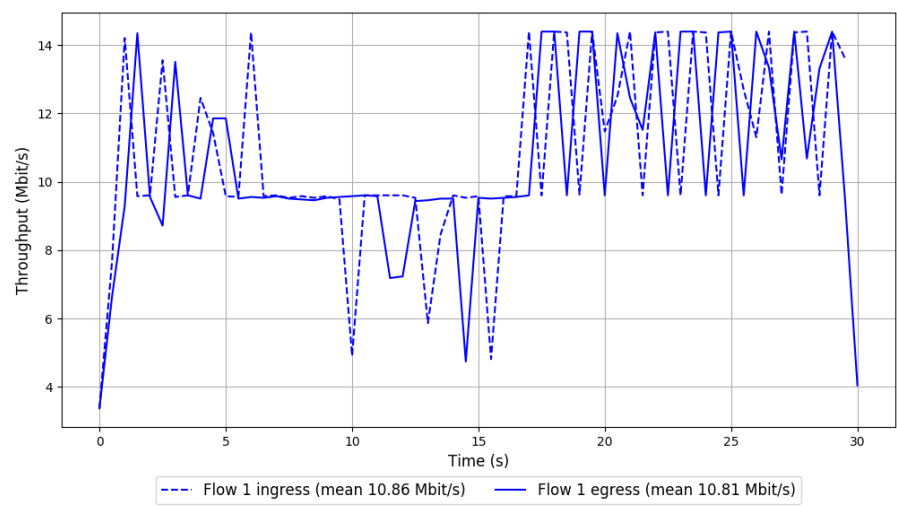


Run 9: Statistics of Saturator

Start at: 2017-08-22 00:18:16
End at: 2017-08-22 00:18:46
Local clock offset: 1.132 ms
Remote clock offset: -1.651 ms

Below is generated by plot.py at 2017-08-22 01:11:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 139.288 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 139.288 ms
Loss rate: 0.52%

Run 9: Report of Saturator — Data Link



Run 10: Statistics of Saturator

Start at: 2017-08-22 00:38:14

End at: 2017-08-22 00:38:44

Local clock offset: 1.123 ms

Remote clock offset: -1.556 ms

Below is generated by plot.py at 2017-08-22 01:11:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.44 Mbit/s

95th percentile per-packet one-way delay: 49.643 ms

Loss rate: 0.29%

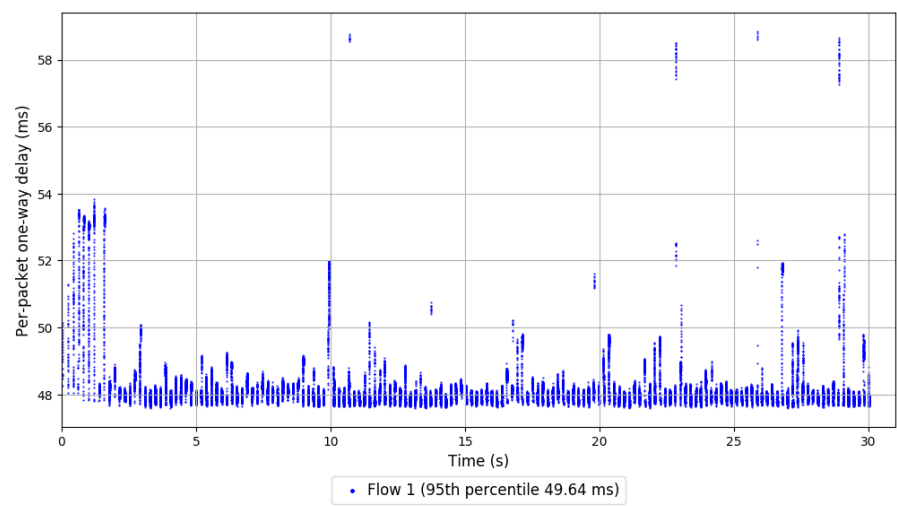
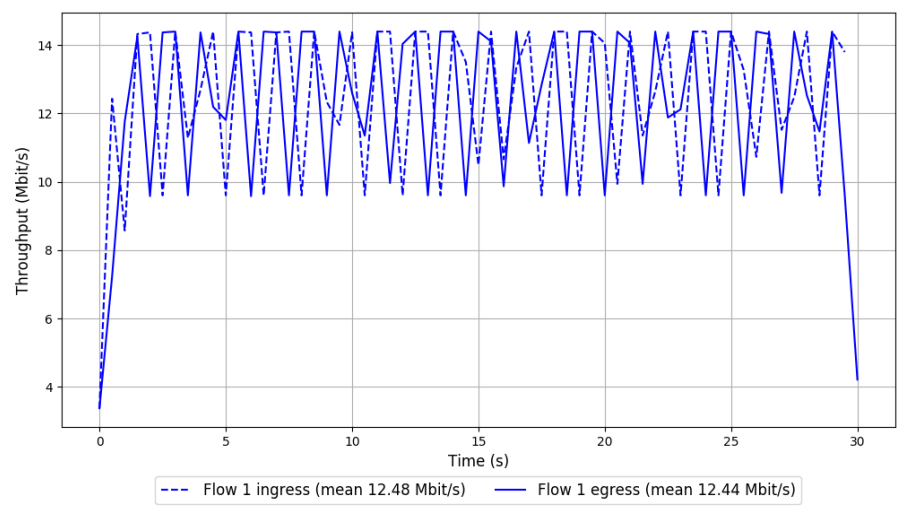
-- Flow 1:

Average throughput: 12.44 Mbit/s

95th percentile per-packet one-way delay: 49.643 ms

Loss rate: 0.29%

Run 10: Report of Saturator — Data Link

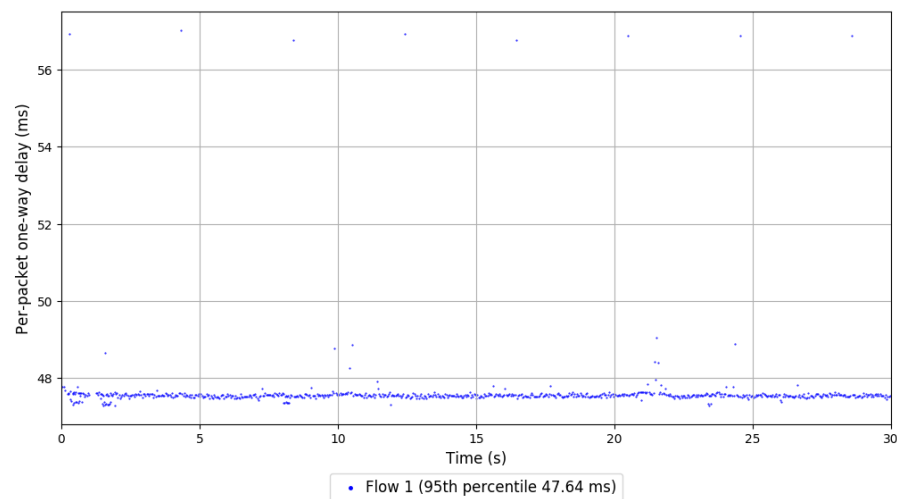
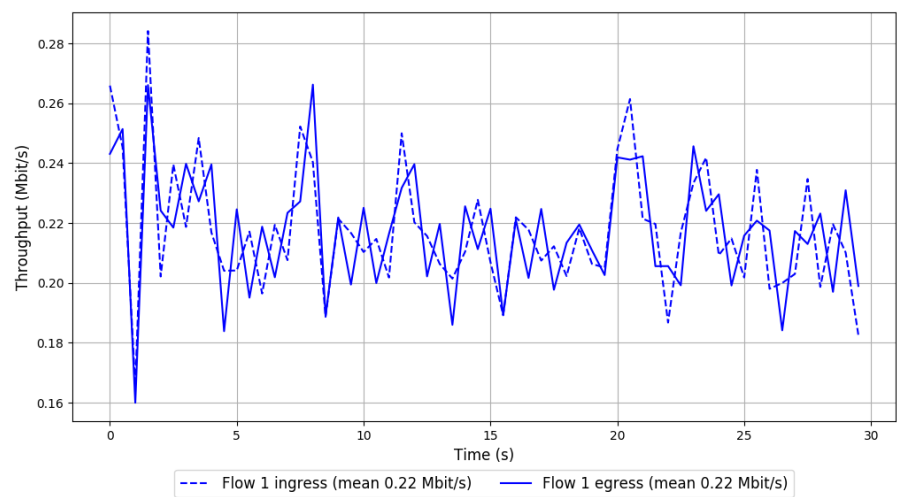


```
Run 1: Statistics of SCReAM

Start at: 2017-08-21 21:37:13
End at: 2017-08-21 21:37:43
Local clock offset: 0.858 ms
Remote clock offset: -1.35 ms

# Below is generated by plot.py at 2017-08-22 01:11:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.642 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

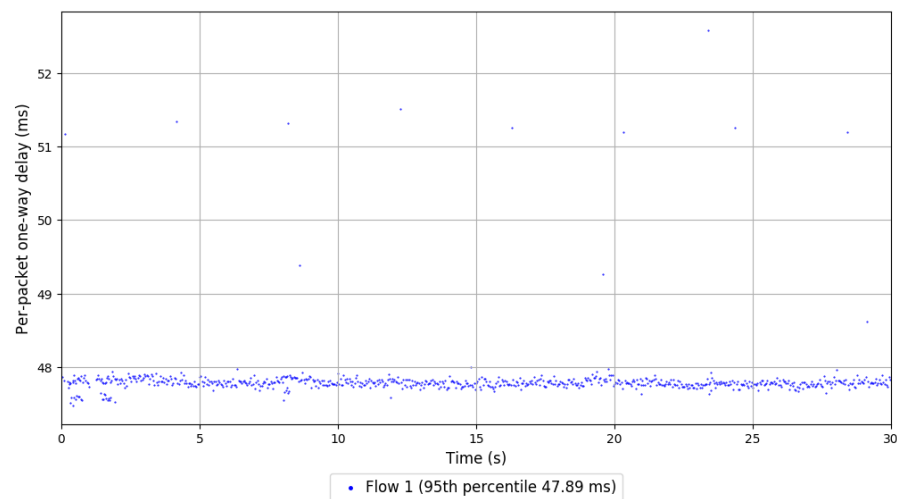
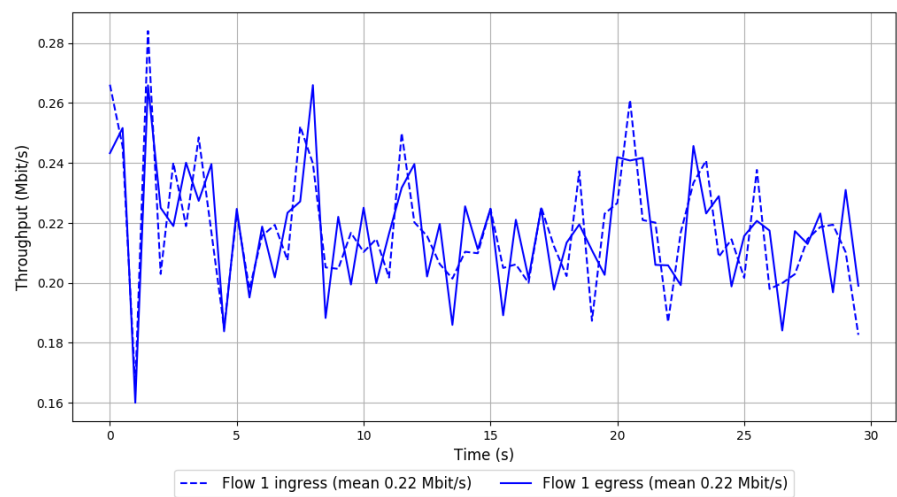


Run 2: Statistics of SCReAM

Start at: 2017-08-21 21:58:16
End at: 2017-08-21 21:58:46
Local clock offset: 1.02 ms
Remote clock offset: -1.443 ms

Below is generated by plot.py at 2017-08-22 01:11:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.890 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

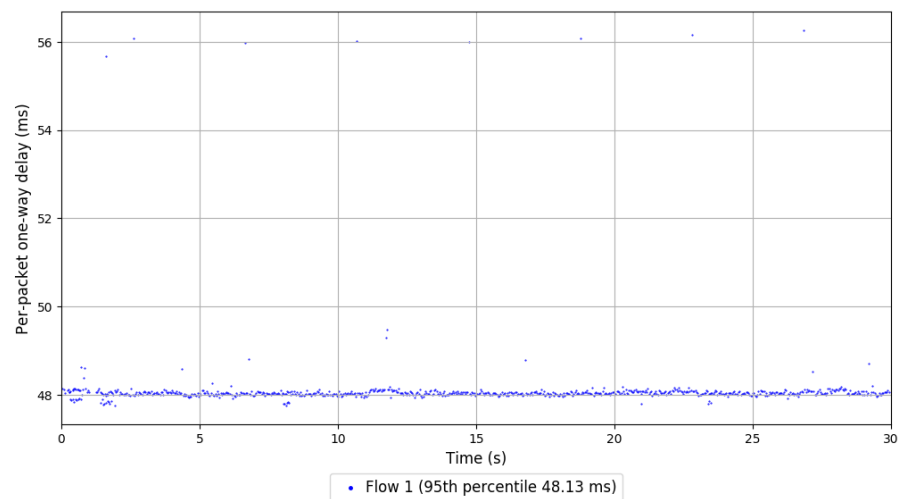
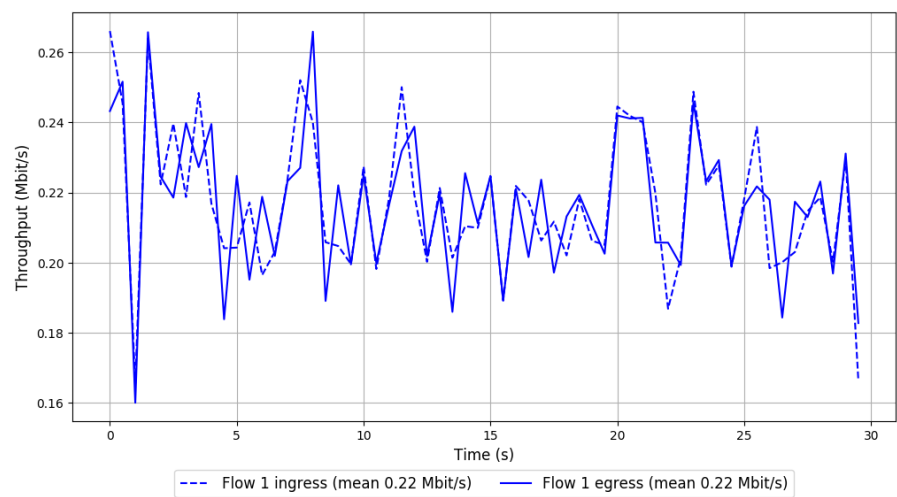


Run 3: Statistics of SCReAM

Start at: 2017-08-21 22:19:33
End at: 2017-08-21 22:20:03
Local clock offset: 0.818 ms
Remote clock offset: -1.703 ms

Below is generated by plot.py at 2017-08-22 01:11:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.129 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

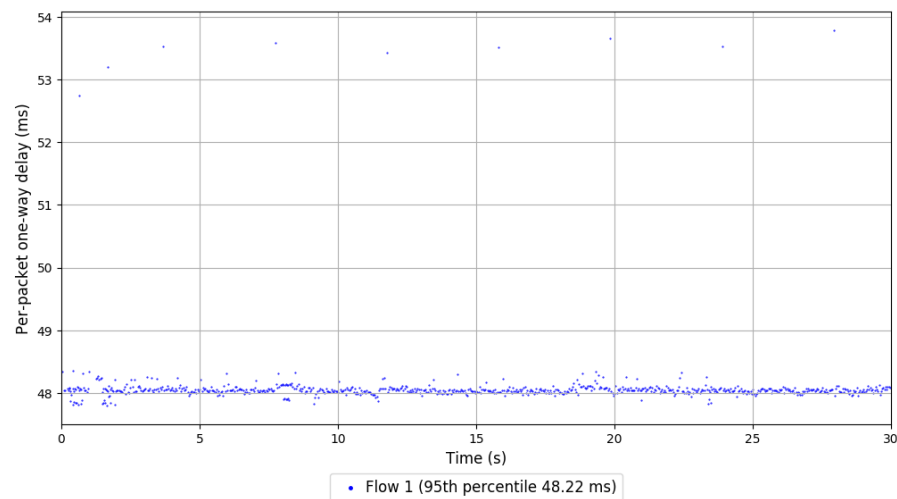
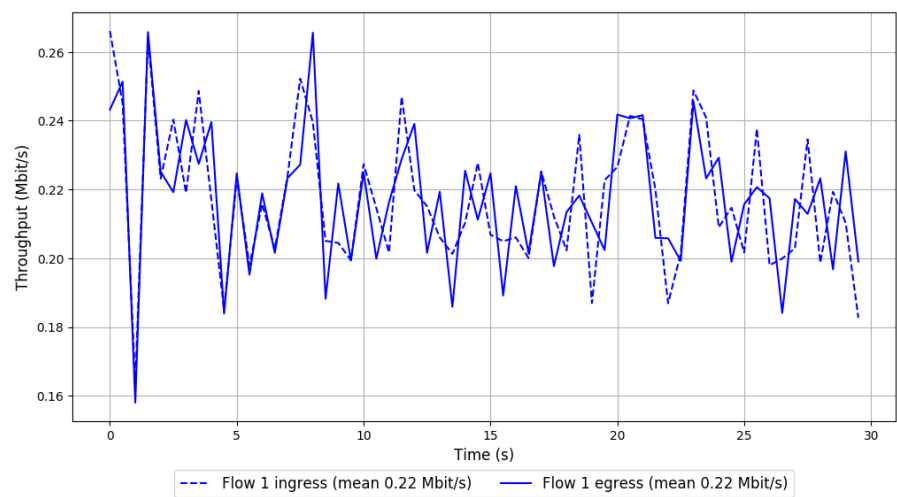


Run 4: Statistics of SCReAM

Start at: 2017-08-21 22:41:28
End at: 2017-08-21 22:41:58
Local clock offset: 0.825 ms
Remote clock offset: -1.641 ms

Below is generated by plot.py at 2017-08-22 01:11:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.217 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

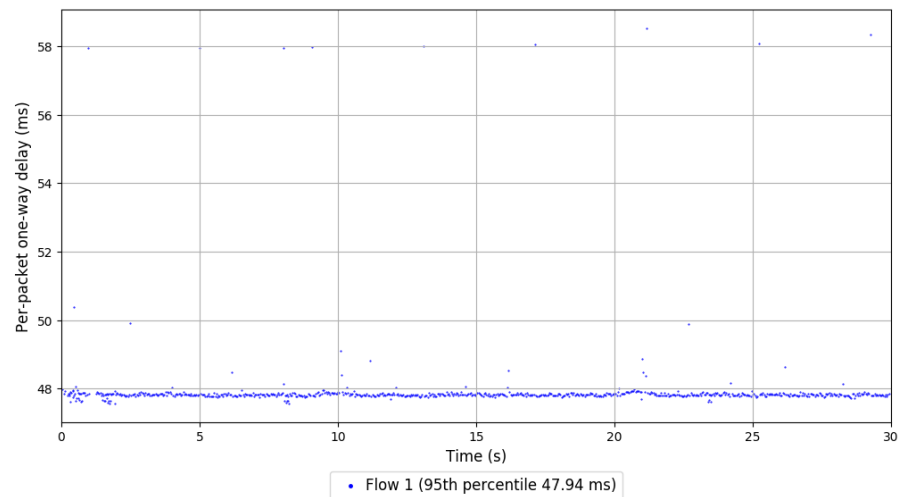
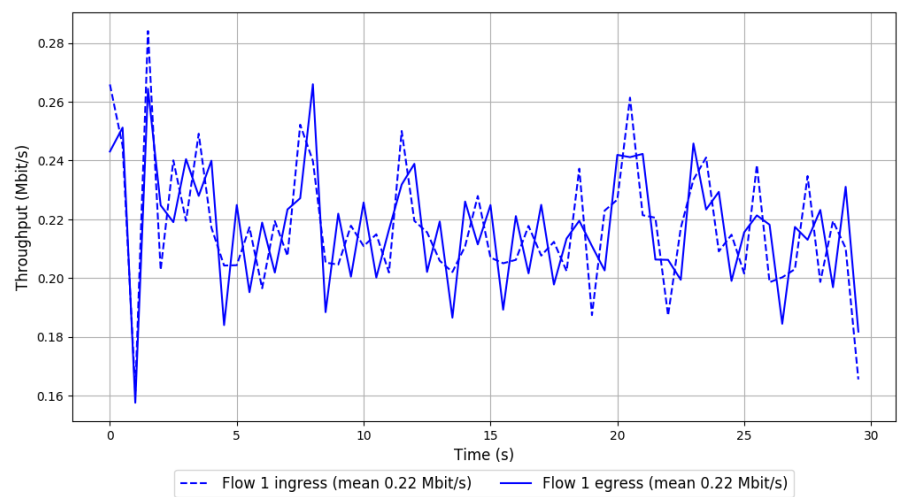


Run 5: Statistics of SCReAM

Start at: 2017-08-21 23:01:31
End at: 2017-08-21 23:02:01
Local clock offset: 1.053 ms
Remote clock offset: -1.707 ms

Below is generated by plot.py at 2017-08-22 01:11:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.944 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

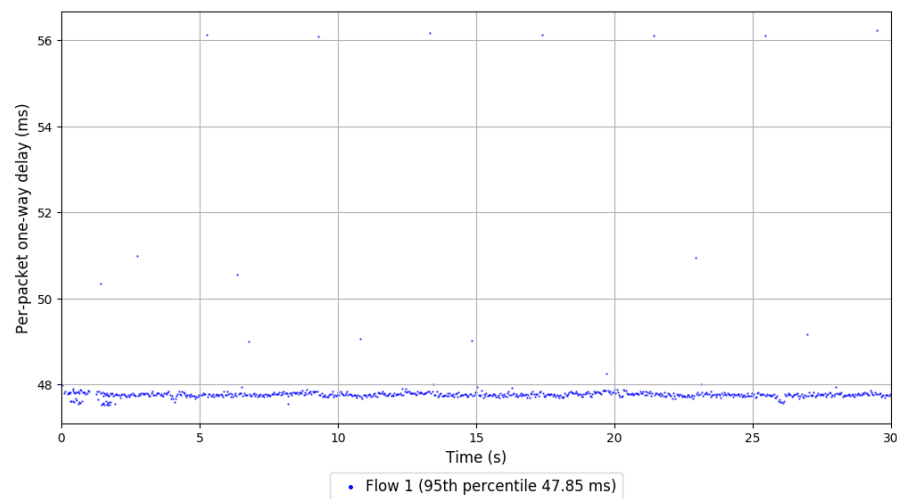
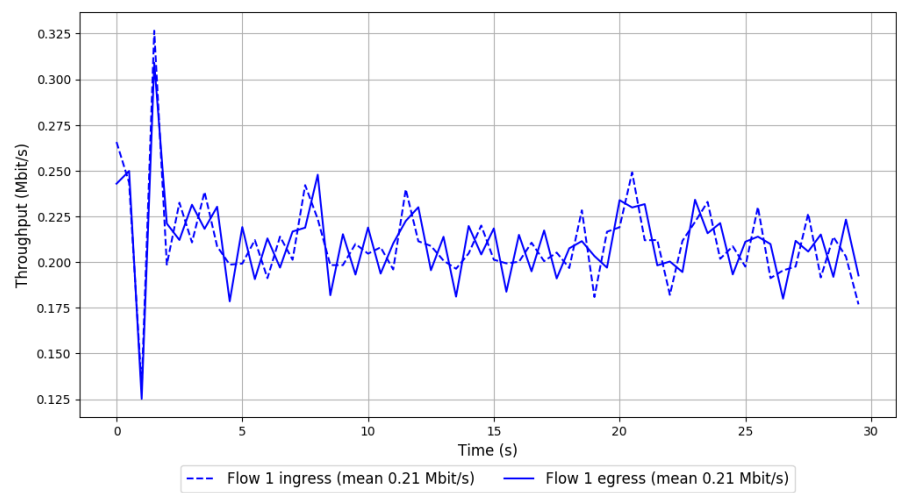


Run 6: Statistics of SCReAM

Start at: 2017-08-21 23:23:13
End at: 2017-08-21 23:23:44
Local clock offset: 0.818 ms
Remote clock offset: -1.771 ms

Below is generated by plot.py at 2017-08-22 01:11:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 47.853 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 47.853 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-08-21 23:43:40

End at: 2017-08-21 23:44:10

Local clock offset: 0.931 ms

Remote clock offset: -1.72 ms

Below is generated by plot.py at 2017-08-22 01:11:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 47.987 ms

Loss rate: 0.00%

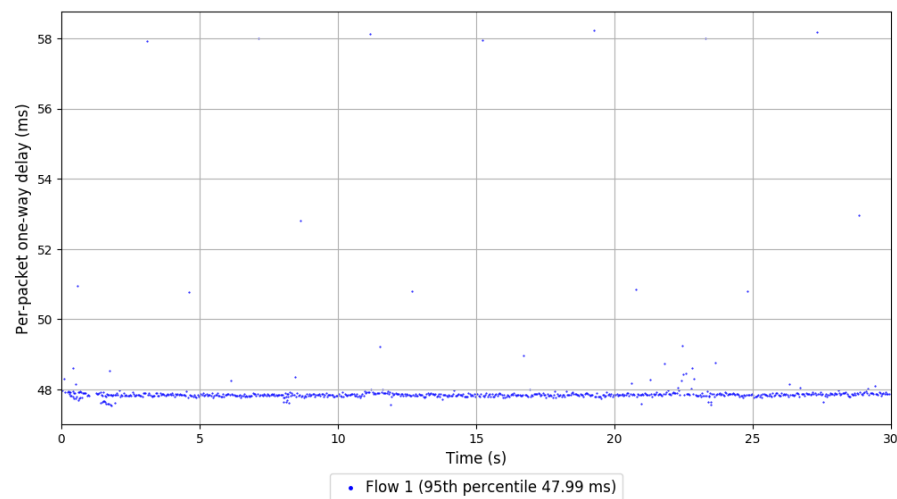
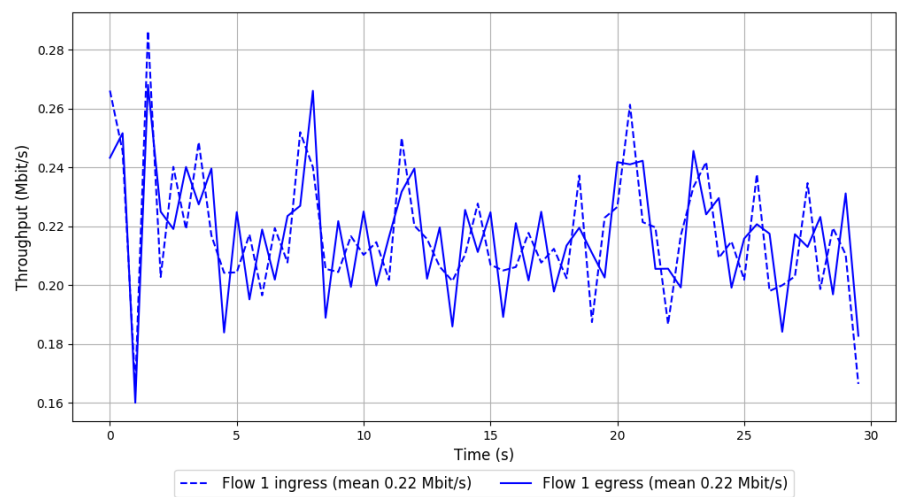
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 47.987 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

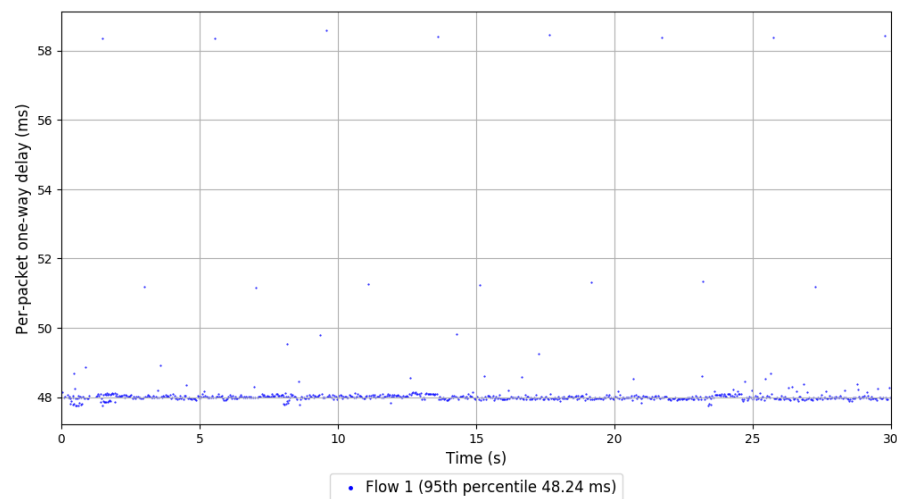
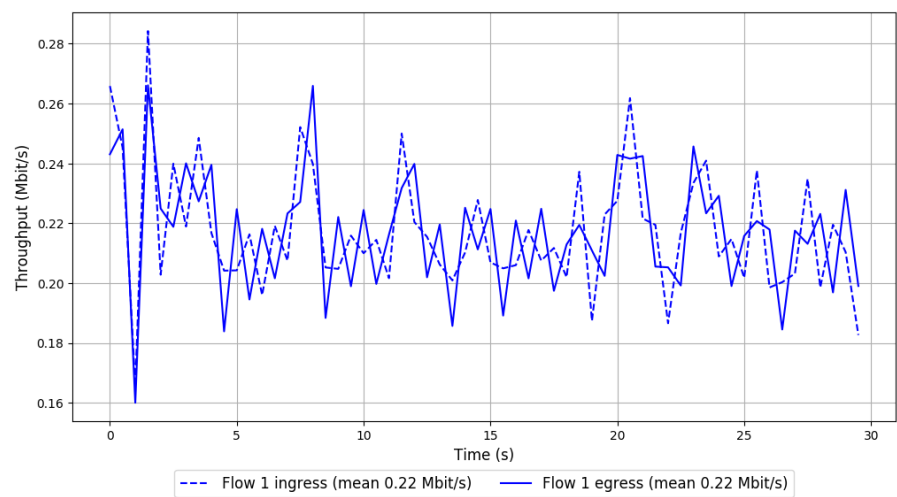


Run 8: Statistics of SCReAM

Start at: 2017-08-22 00:04:01
End at: 2017-08-22 00:04:31
Local clock offset: 1.097 ms
Remote clock offset: -1.715 ms

Below is generated by plot.py at 2017-08-22 01:11:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.245 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

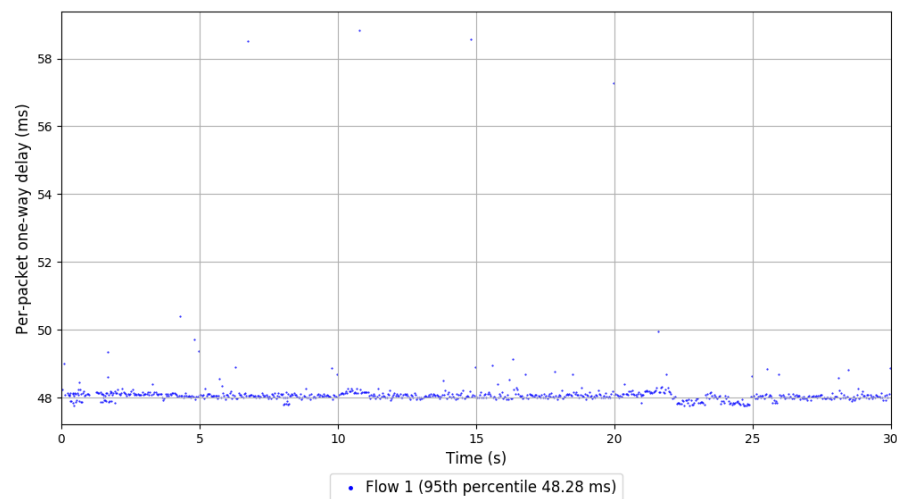
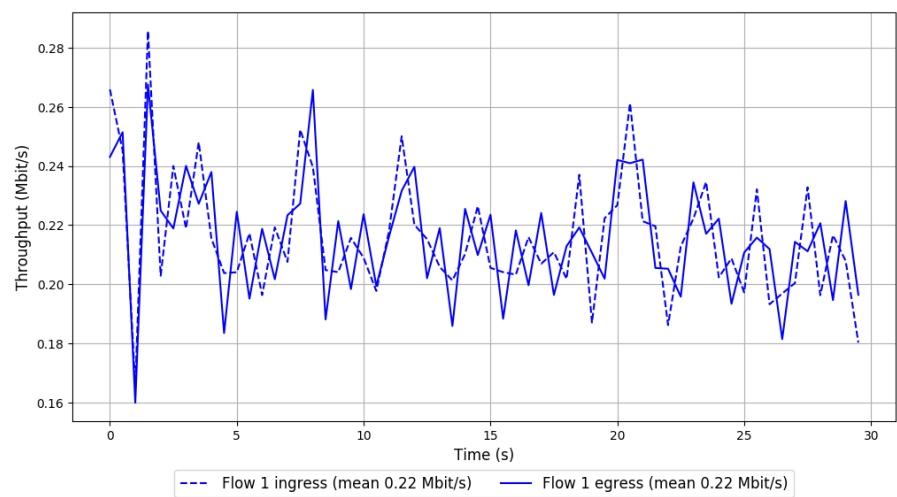


Run 9: Statistics of SCReAM

Start at: 2017-08-22 00:25:11
End at: 2017-08-22 00:25:41
Local clock offset: 1.14 ms
Remote clock offset: -1.654 ms

Below is generated by plot.py at 2017-08-22 01:11:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.282 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

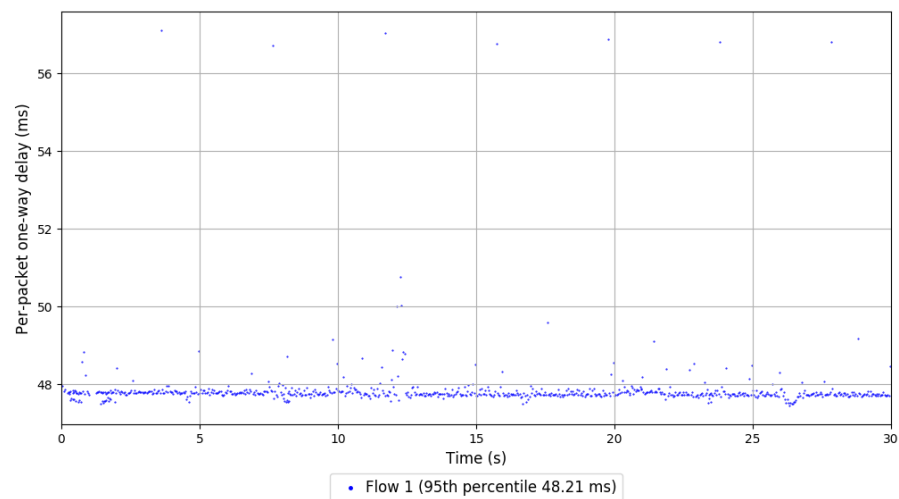
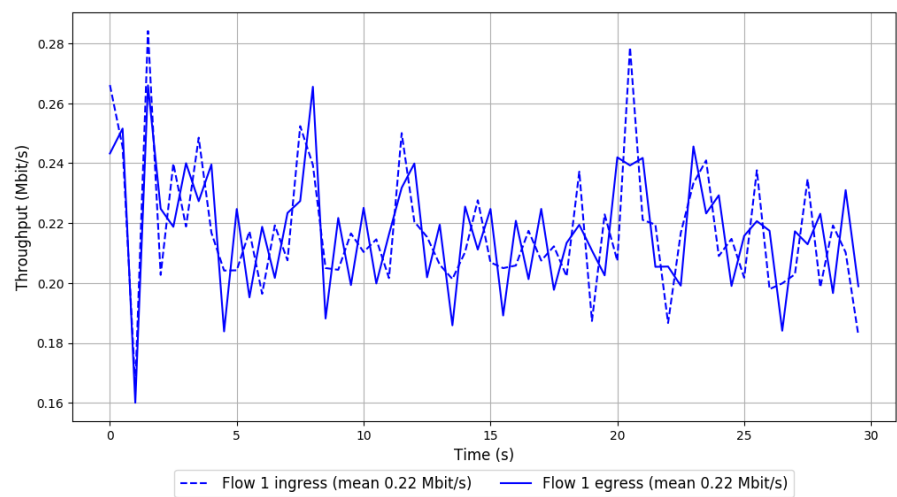


Run 10: Statistics of SReAM

Start at: 2017-08-22 00:45:07
End at: 2017-08-22 00:45:37
Local clock offset: 1.517 ms
Remote clock offset: -1.581 ms

Below is generated by plot.py at 2017-08-22 01:11:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.211 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

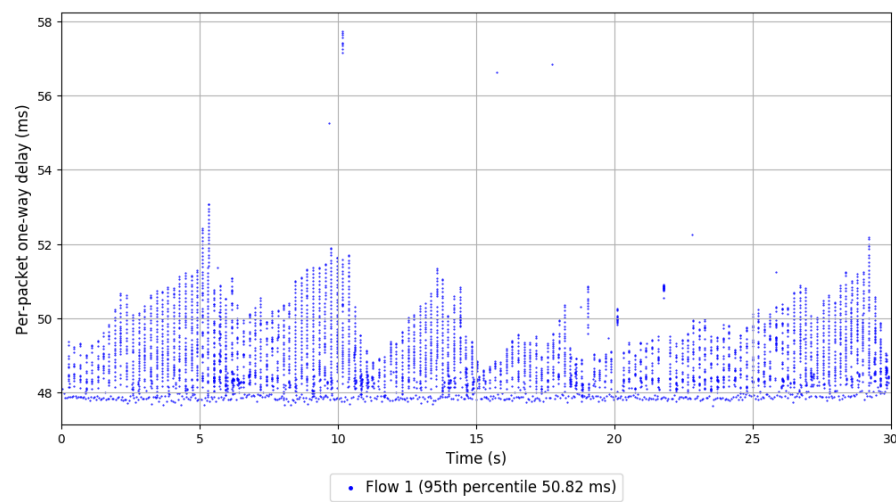
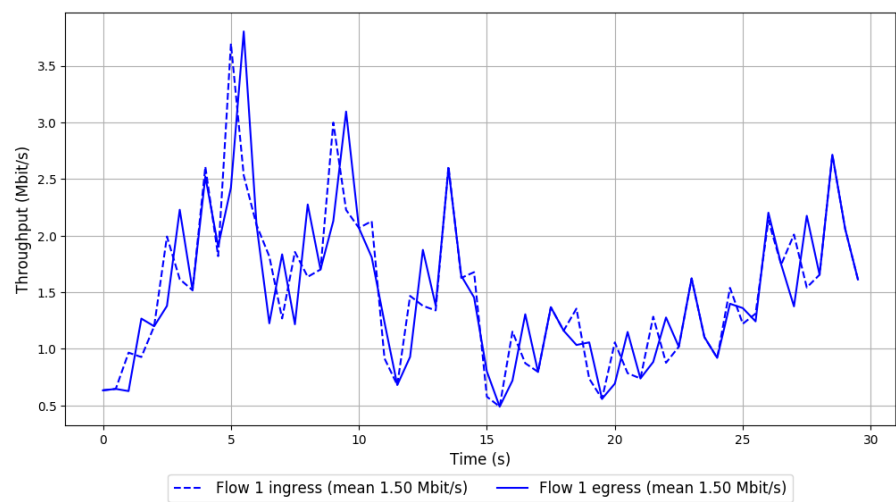


Run 1: Statistics of Sprout

Start at: 2017-08-21 21:34:42
End at: 2017-08-21 21:35:12
Local clock offset: 0.56 ms
Remote clock offset: -1.273 ms

Below is generated by plot.py at 2017-08-22 01:11:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 50.817 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 50.817 ms
Loss rate: 0.03%

Run 1: Report of Sprout — Data Link

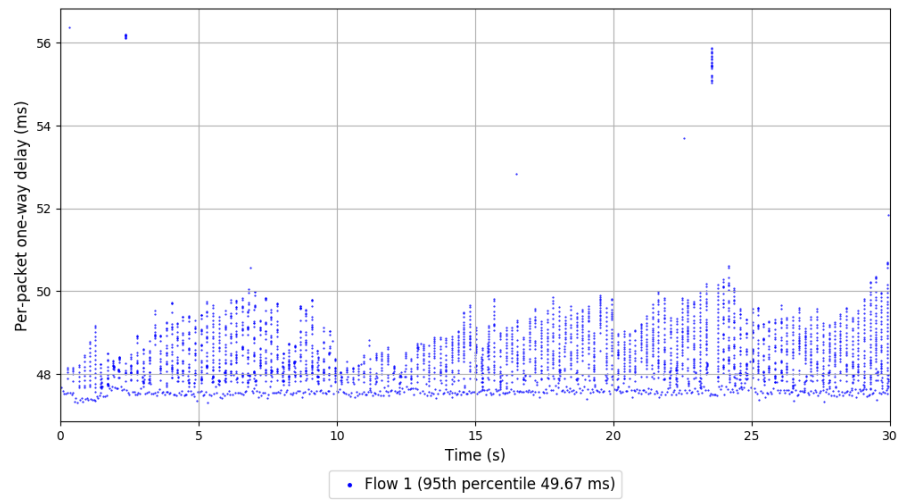
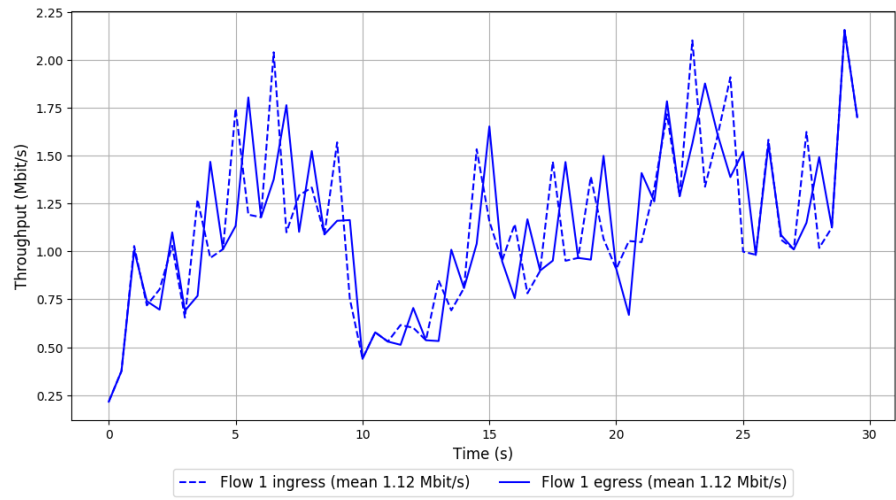


Run 2: Statistics of Sprout

Start at: 2017-08-21 21:55:49
End at: 2017-08-21 21:56:19
Local clock offset: 1.101 ms
Remote clock offset: -1.352 ms

Below is generated by plot.py at 2017-08-22 01:11:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 49.668 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 49.668 ms
Loss rate: 0.04%

Run 2: Report of Sprout — Data Link

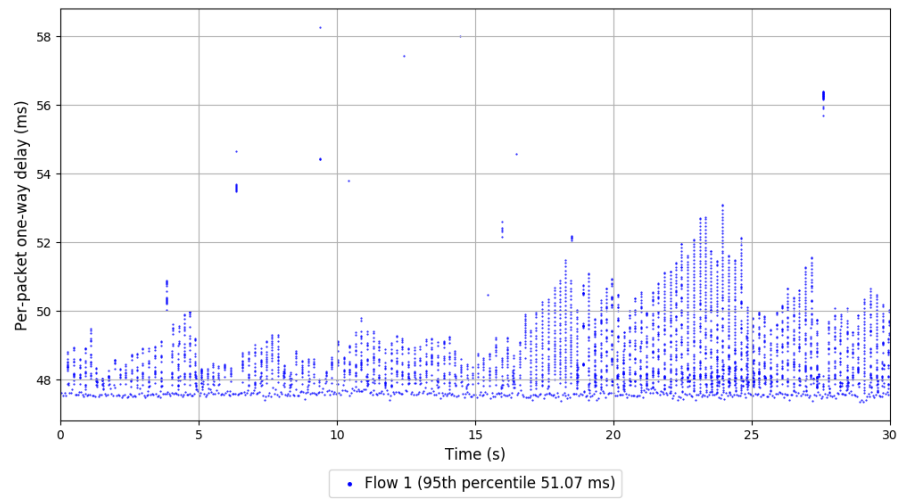
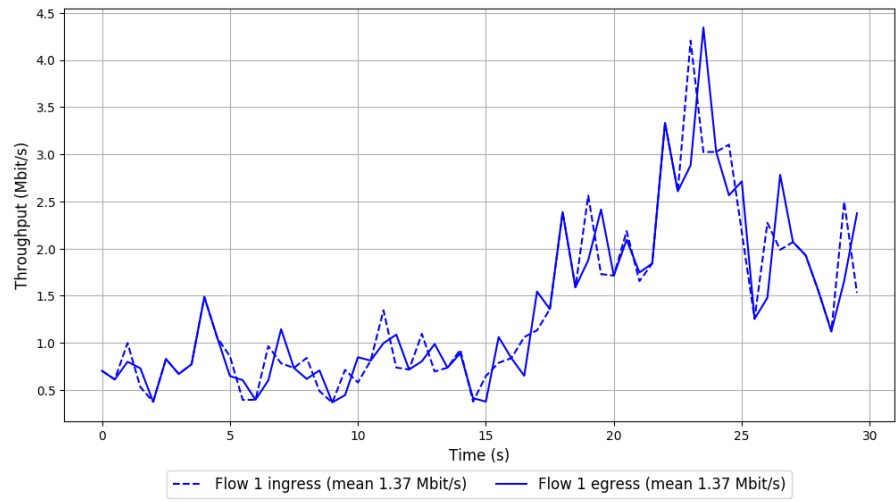


Run 3: Statistics of Sprout

Start at: 2017-08-21 22:17:01
End at: 2017-08-21 22:17:31
Local clock offset: 1.068 ms
Remote clock offset: -1.665 ms

Below is generated by plot.py at 2017-08-22 01:11:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 51.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 51.072 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

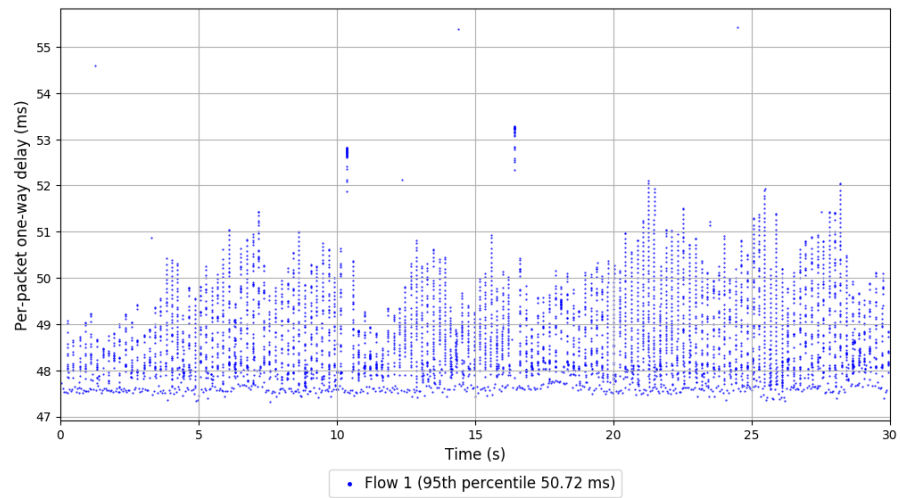
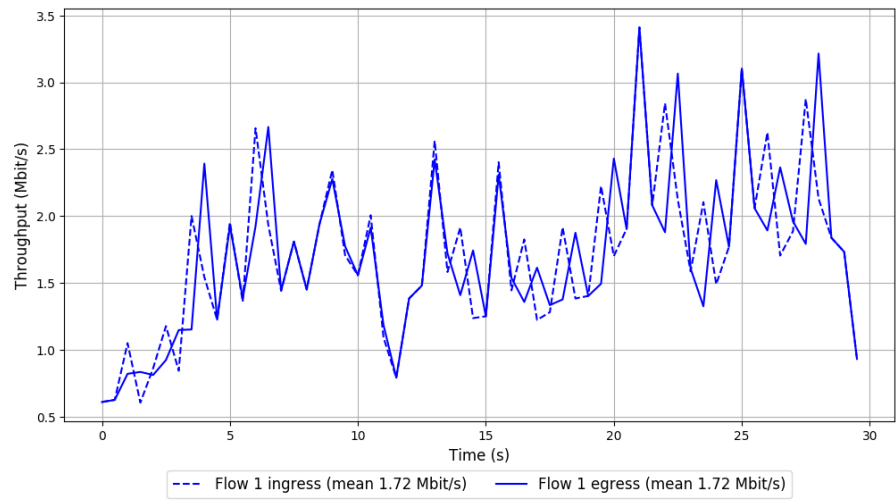


Run 4: Statistics of Sprout

Start at: 2017-08-21 22:38:55
End at: 2017-08-21 22:39:25
Local clock offset: 0.829 ms
Remote clock offset: -1.657 ms

Below is generated by plot.py at 2017-08-22 01:11:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 50.718 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 50.718 ms
Loss rate: 0.07%

Run 4: Report of Sprout — Data Link

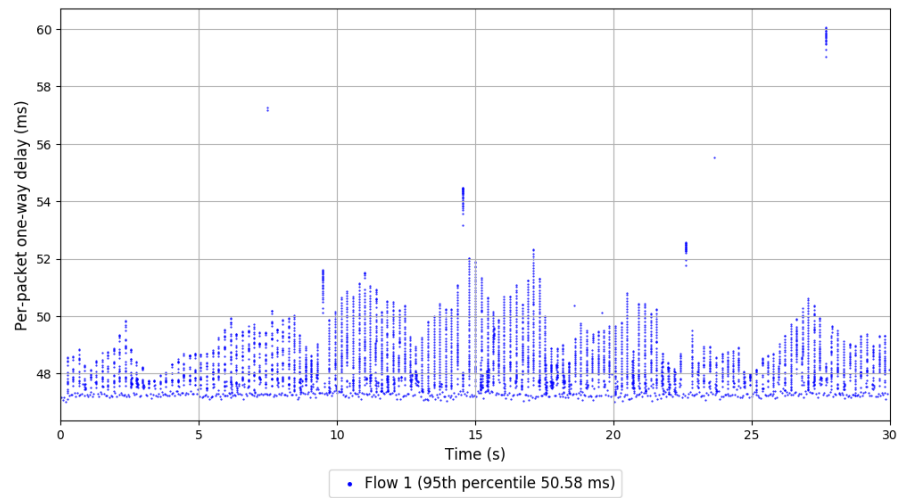
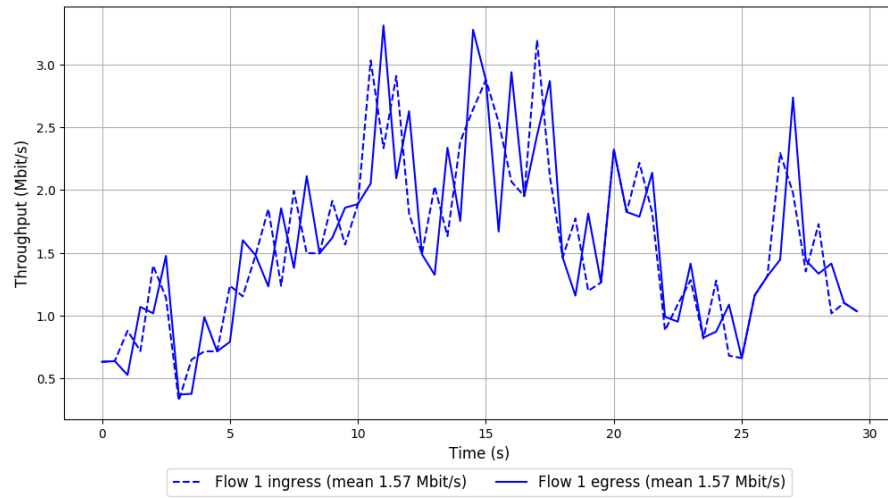


Run 5: Statistics of Sprout

Start at: 2017-08-21 22:59:00
End at: 2017-08-21 22:59:30
Local clock offset: 1.127 ms
Remote clock offset: -1.741 ms

Below is generated by plot.py at 2017-08-22 01:11:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-08-21 23:20:46

End at: 2017-08-21 23:21:16

Local clock offset: 0.824 ms

Remote clock offset: -1.67 ms

Below is generated by plot.py at 2017-08-22 01:11:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 50.504 ms

Loss rate: 0.00%

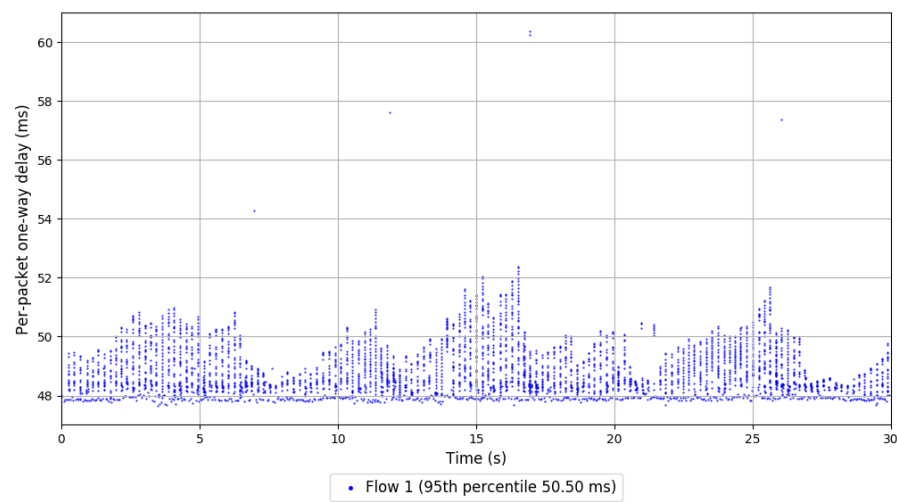
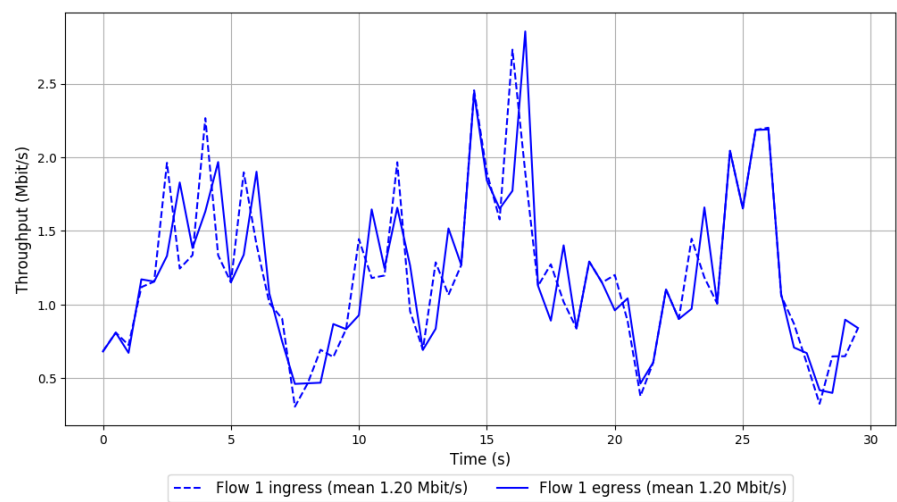
-- Flow 1:

Average throughput: 1.20 Mbit/s

95th percentile per-packet one-way delay: 50.504 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

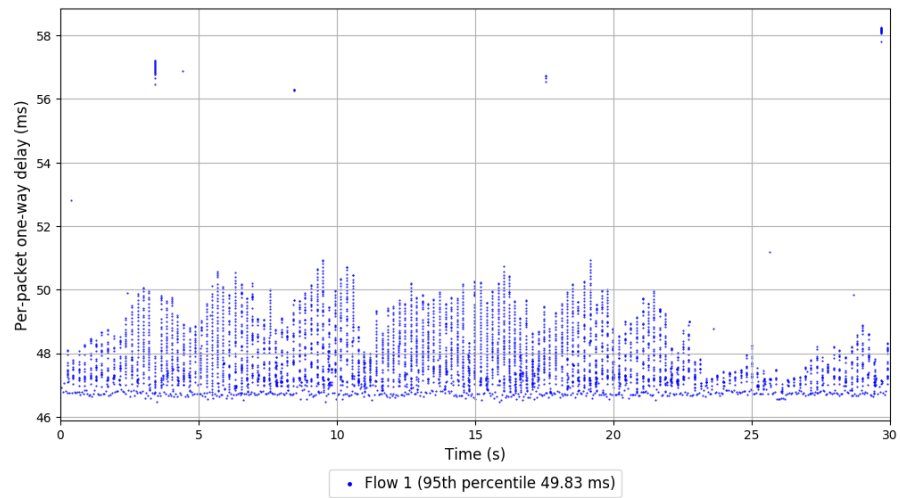
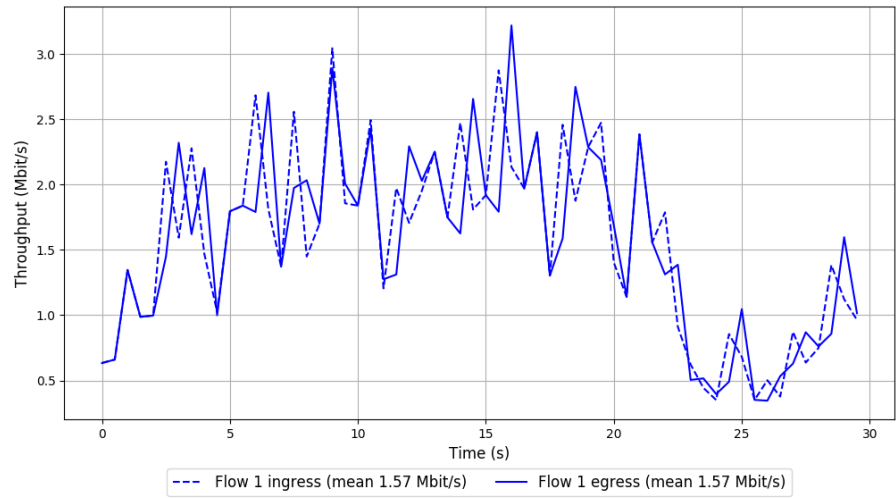


Run 7: Statistics of Sprout

Start at: 2017-08-21 23:41:14
End at: 2017-08-21 23:41:44
Local clock offset: 1.846 ms
Remote clock offset: -1.697 ms

Below is generated by plot.py at 2017-08-22 01:11:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 49.828 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 49.828 ms
Loss rate: 0.03%

Run 7: Report of Sprout — Data Link

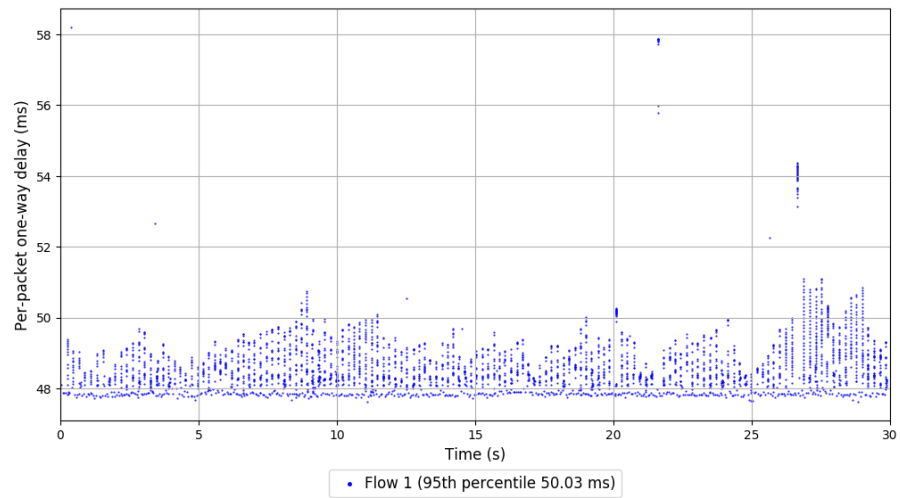
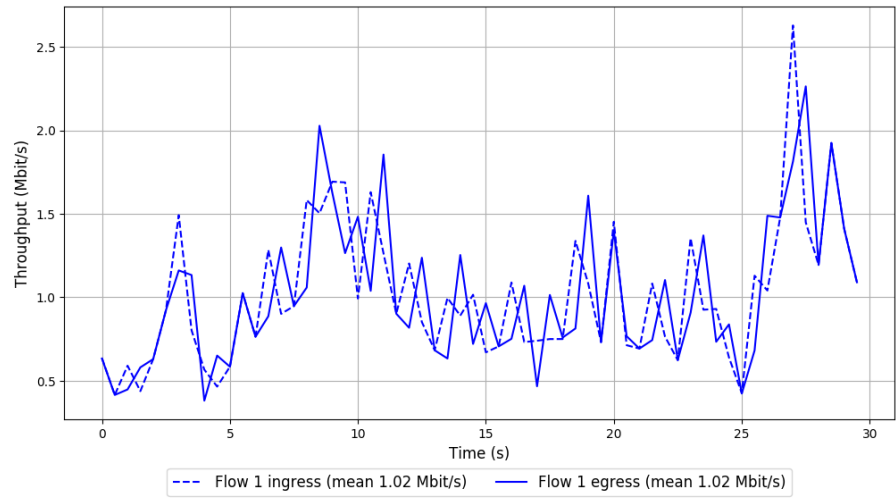


Run 8: Statistics of Sprout

Start at: 2017-08-22 00:01:35
End at: 2017-08-22 00:02:05
Local clock offset: 1.013 ms
Remote clock offset: -1.692 ms

Below is generated by plot.py at 2017-08-22 01:11:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 50.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 50.026 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

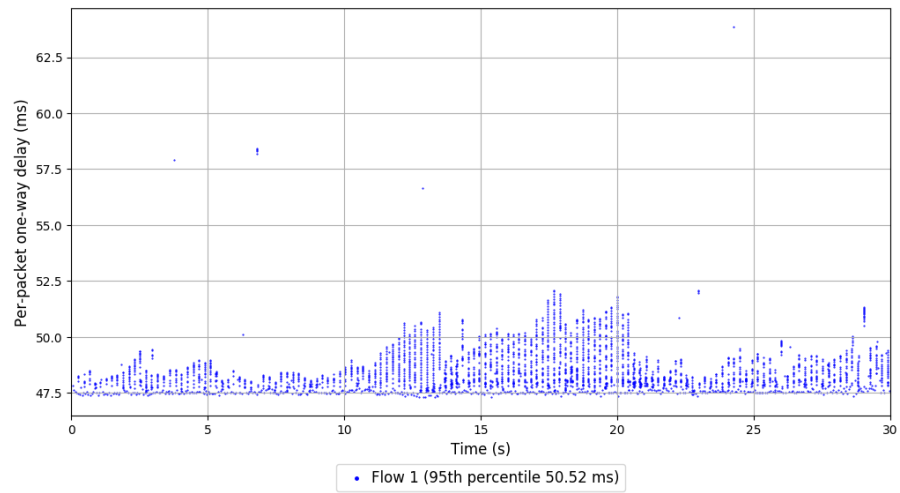
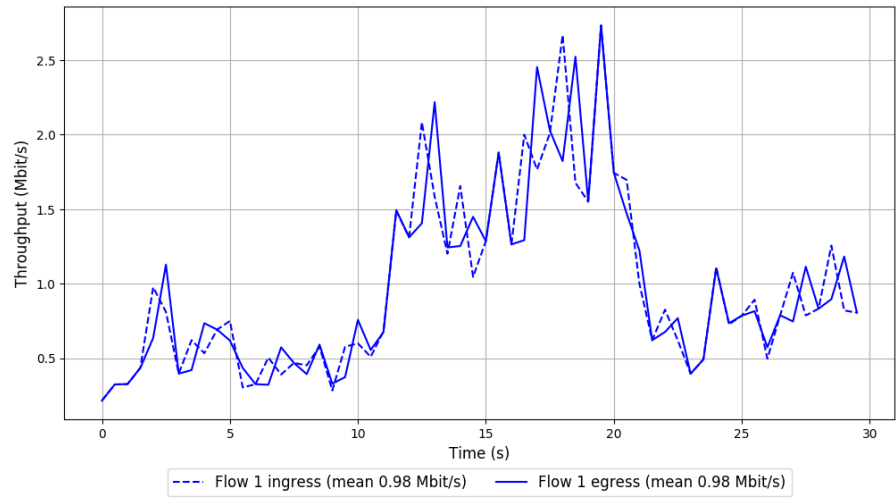


Run 9: Statistics of Sprout

Start at: 2017-08-22 00:22:37
End at: 2017-08-22 00:23:07
Local clock offset: 1.367 ms
Remote clock offset: -1.689 ms

Below is generated by plot.py at 2017-08-22 01:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 50.517 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 50.517 ms
Loss rate: 0.04%

Run 9: Report of Sprout — Data Link

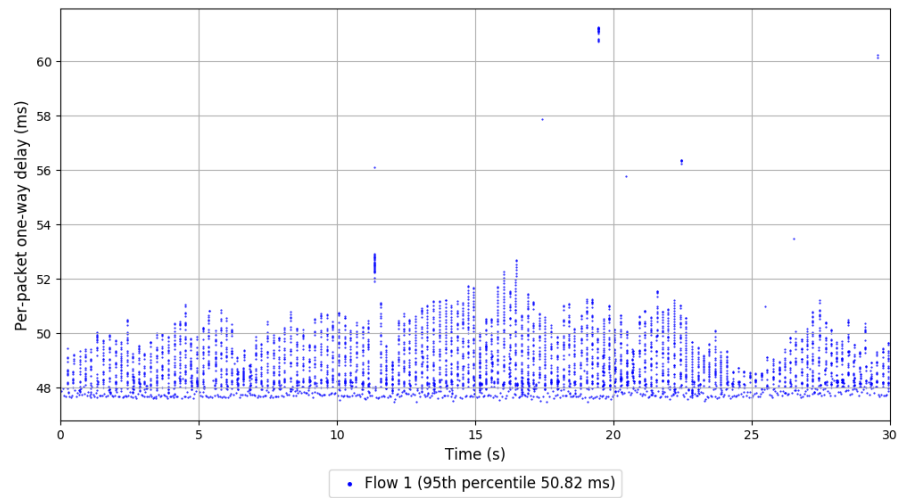
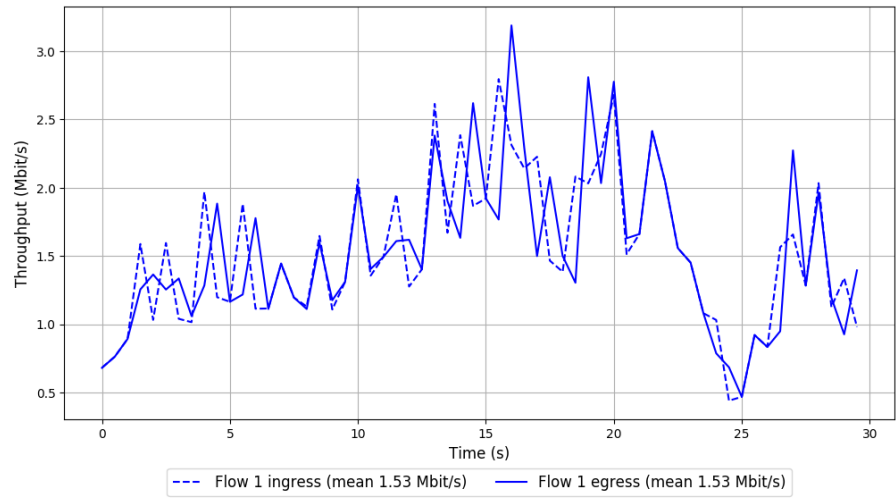


Run 10: Statistics of Sprout

Start at: 2017-08-22 00:42:41
End at: 2017-08-22 00:43:11
Local clock offset: 1.152 ms
Remote clock offset: -1.509 ms

Below is generated by plot.py at 2017-08-22 01:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 50.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 50.823 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

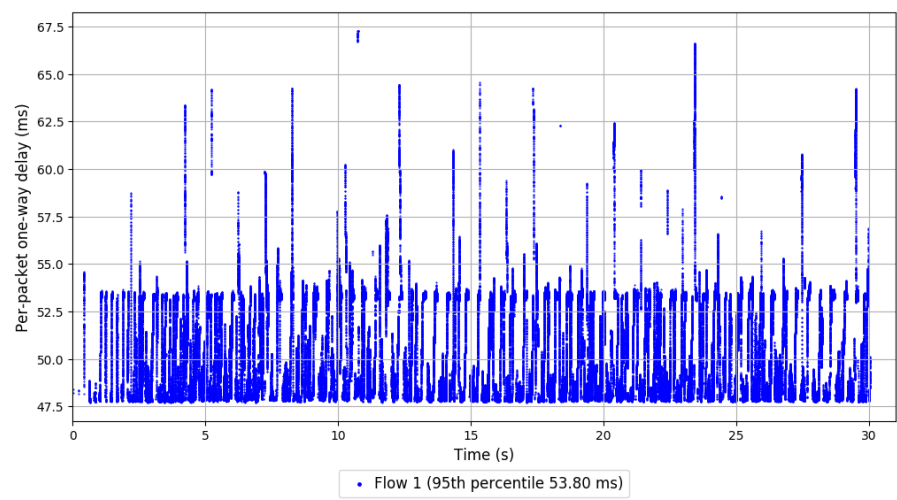
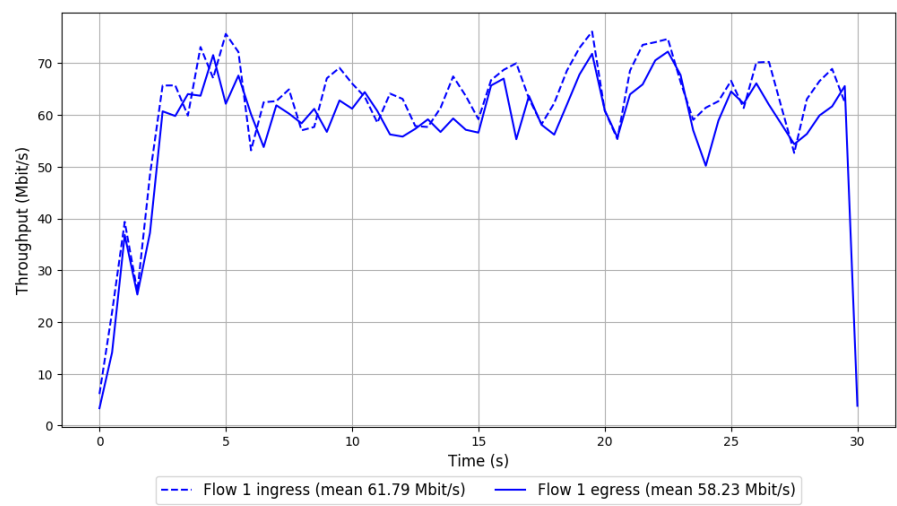


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-08-21 21:21:02
End at: 2017-08-21 21:21:32
Local clock offset: 0.45 ms
Remote clock offset: -1.137 ms

# Below is generated by plot.py at 2017-08-22 01:11:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 53.800 ms
Loss rate: 5.74%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 53.800 ms
Loss rate: 5.74%
```

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

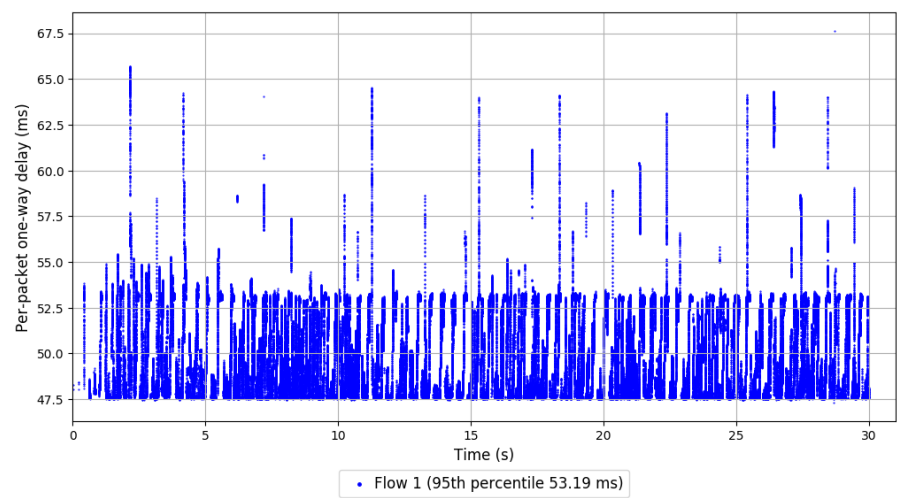
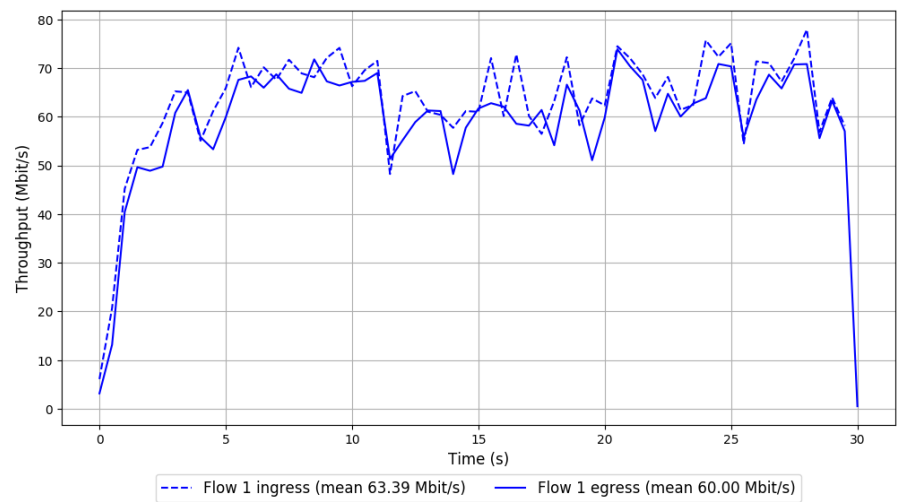


Run 2: Statistics of TaoVA-100x

Start at: 2017-08-21 21:42:10
End at: 2017-08-21 21:42:40
Local clock offset: 0.595 ms
Remote clock offset: -1.441 ms

Below is generated by plot.py at 2017-08-22 01:11:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 53.186 ms
Loss rate: 5.34%
-- Flow 1:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 53.186 ms
Loss rate: 5.34%

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

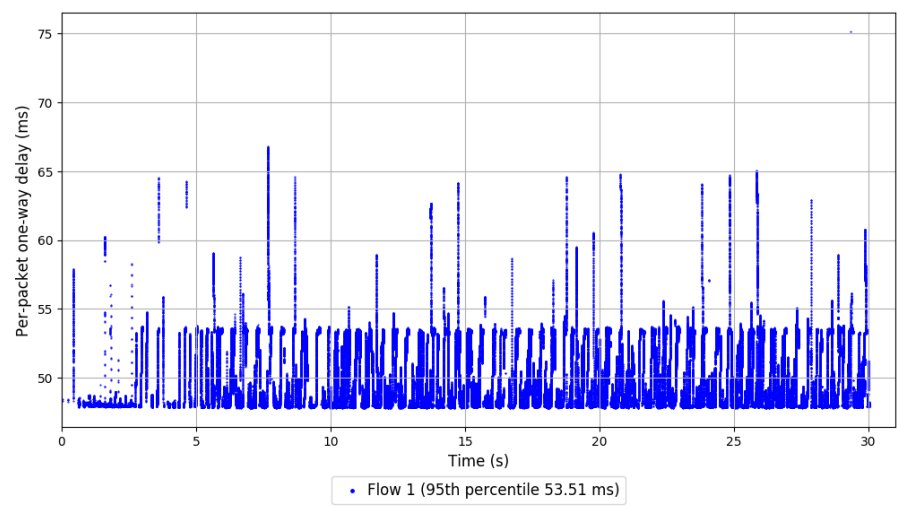
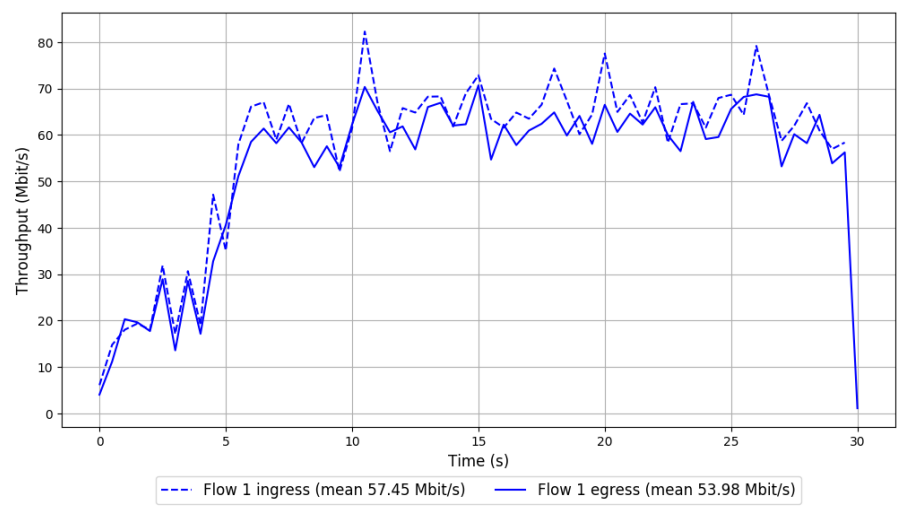


Run 3: Statistics of TaoVA-100x

Start at: 2017-08-21 22:03:19
End at: 2017-08-21 22:03:49
Local clock offset: 0.423 ms
Remote clock offset: -1.485 ms

Below is generated by plot.py at 2017-08-22 01:11:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 53.510 ms
Loss rate: 6.06%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 53.510 ms
Loss rate: 6.06%

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

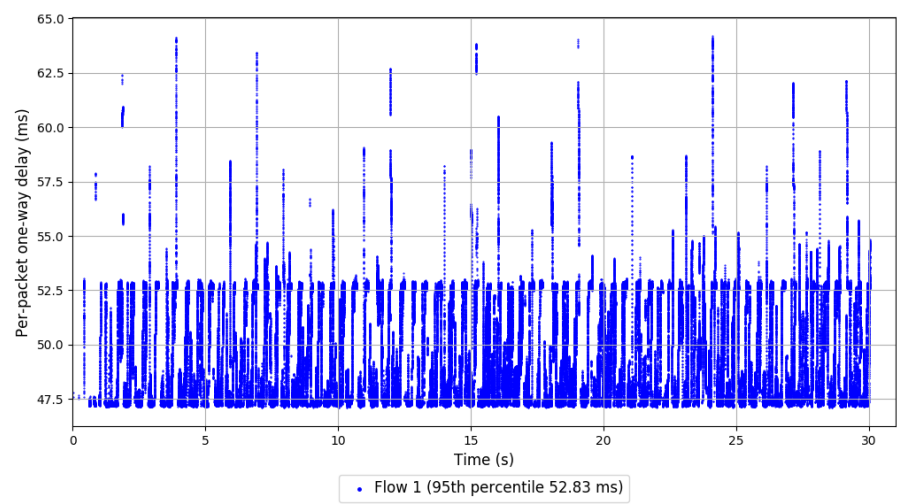
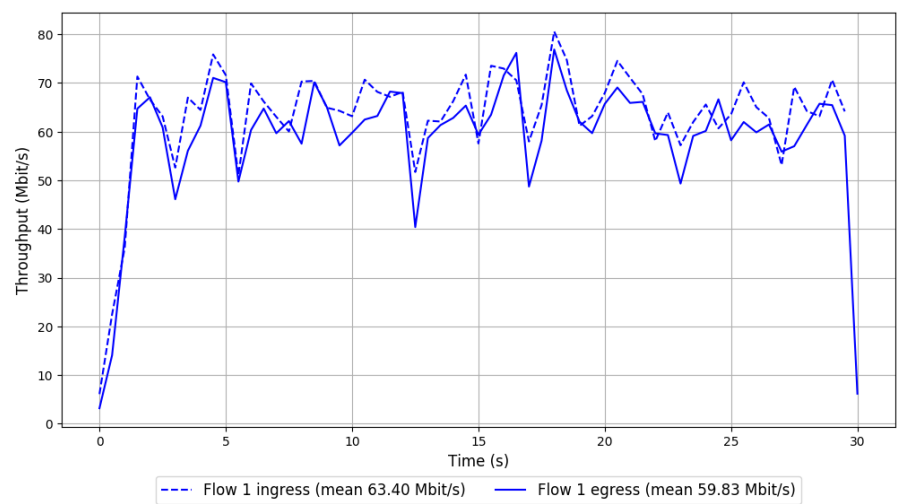


Run 4: Statistics of TaoVA-100x

Start at: 2017-08-21 22:24:30
End at: 2017-08-21 22:25:00
Local clock offset: 1.151 ms
Remote clock offset: -1.728 ms

Below is generated by plot.py at 2017-08-22 01:11:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 52.833 ms
Loss rate: 5.62%
-- Flow 1:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 52.833 ms
Loss rate: 5.62%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-08-21 22:46:22

End at: 2017-08-21 22:46:52

Local clock offset: 1.603 ms

Remote clock offset: -1.632 ms

Below is generated by plot.py at 2017-08-22 01:12:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.96 Mbit/s

95th percentile per-packet one-way delay: 52.421 ms

Loss rate: 5.91%

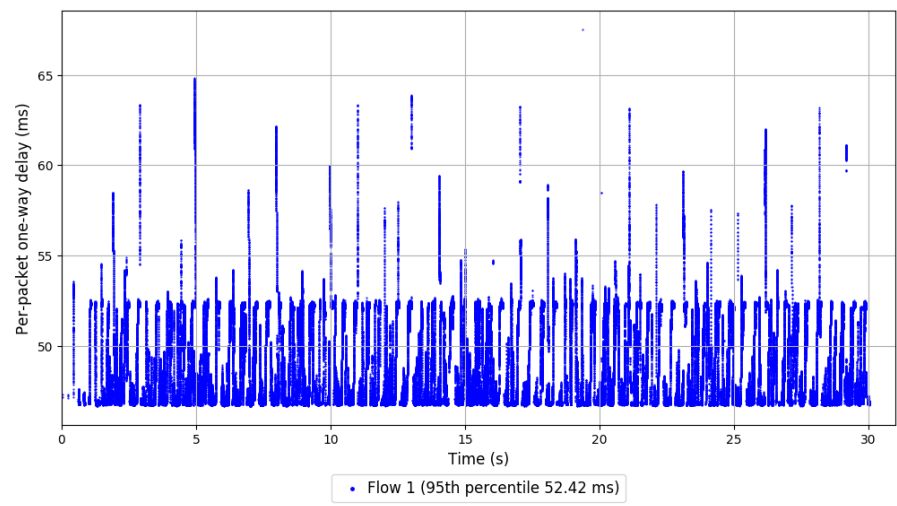
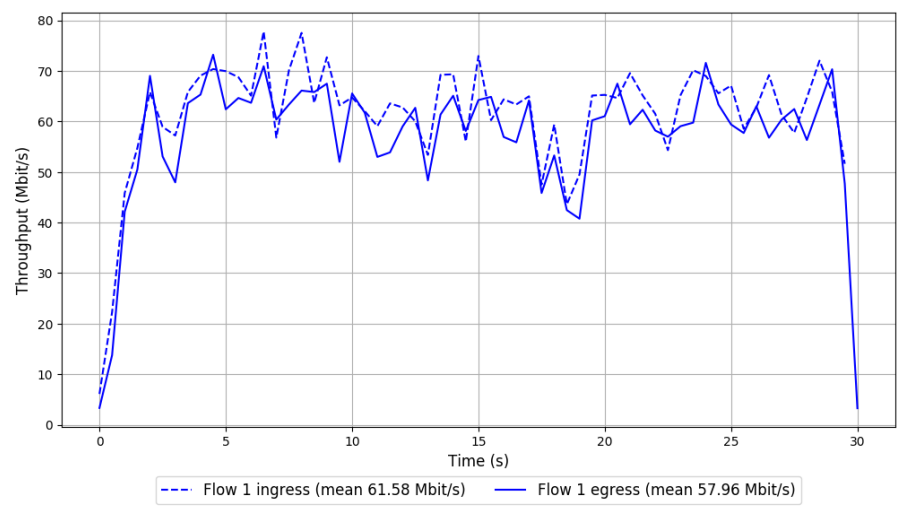
-- Flow 1:

Average throughput: 57.96 Mbit/s

95th percentile per-packet one-way delay: 52.421 ms

Loss rate: 5.91%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-08-21 23:06:27

End at: 2017-08-21 23:06:57

Local clock offset: 1.592 ms

Remote clock offset: -1.704 ms

Below is generated by plot.py at 2017-08-22 01:12:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.42 Mbit/s

95th percentile per-packet one-way delay: 53.078 ms

Loss rate: 6.04%

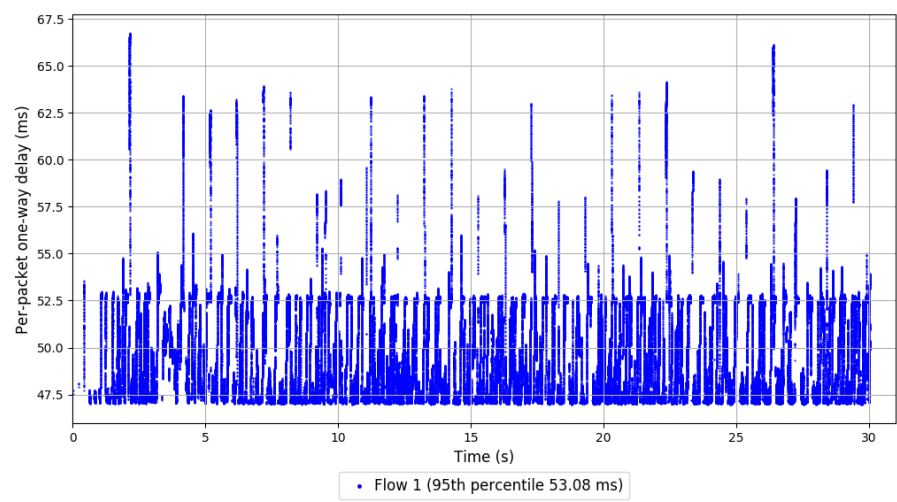
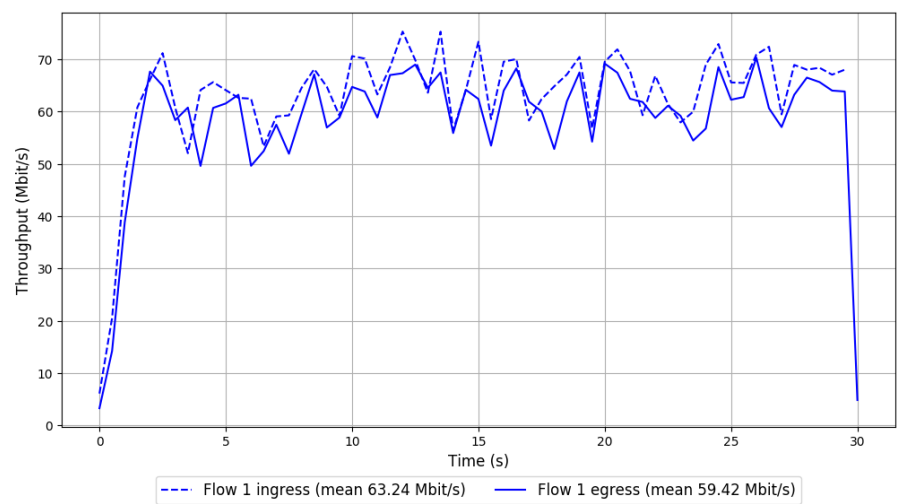
-- Flow 1:

Average throughput: 59.42 Mbit/s

95th percentile per-packet one-way delay: 53.078 ms

Loss rate: 6.04%

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

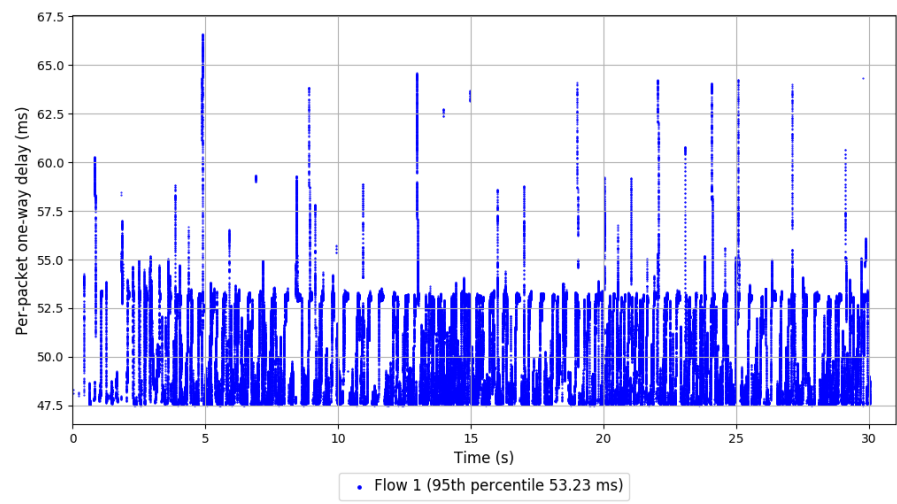
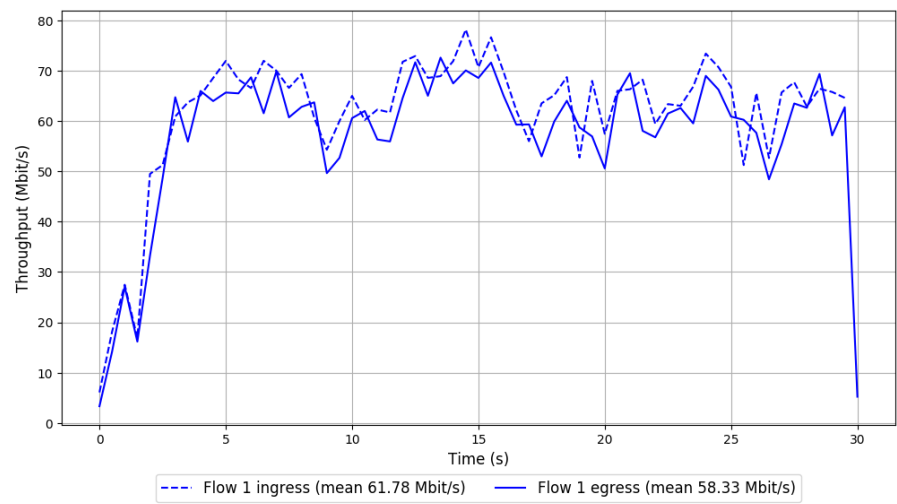


Run 7: Statistics of TaoVA-100x

Start at: 2017-08-21 23:28:11
End at: 2017-08-21 23:28:41
Local clock offset: 0.862 ms
Remote clock offset: -1.725 ms

Below is generated by plot.py at 2017-08-22 01:12:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 53.227 ms
Loss rate: 5.59%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 53.227 ms
Loss rate: 5.59%

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

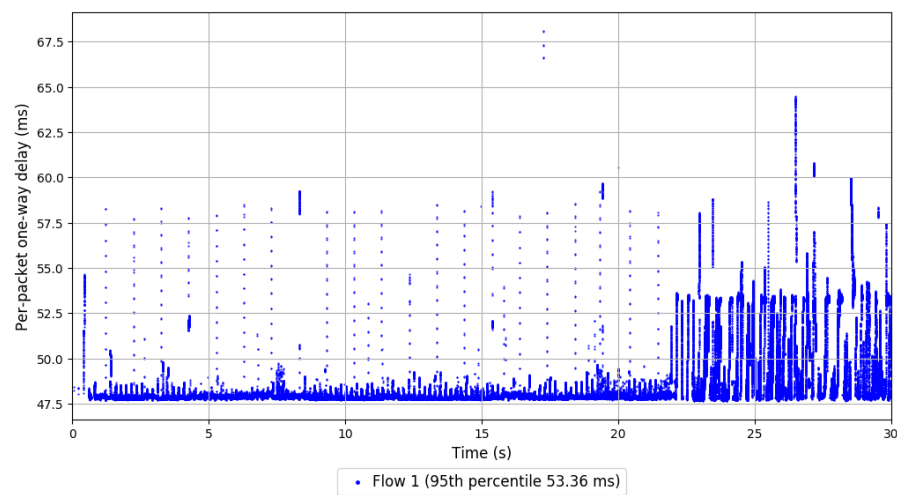
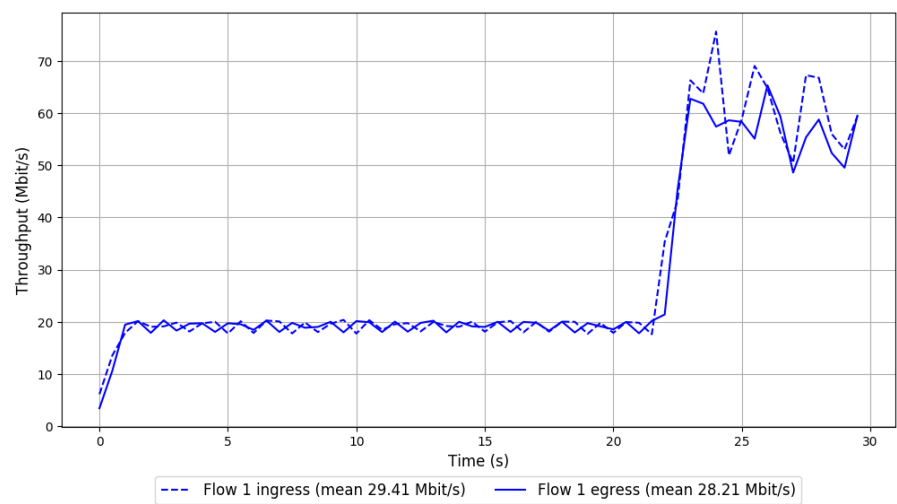


Run 8: Statistics of TaoVA-100x

Start at: 2017-08-21 23:48:41
End at: 2017-08-21 23:49:11
Local clock offset: 1.019 ms
Remote clock offset: -1.771 ms

Below is generated by plot.py at 2017-08-22 01:12:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 53.361 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 53.361 ms
Loss rate: 4.09%

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

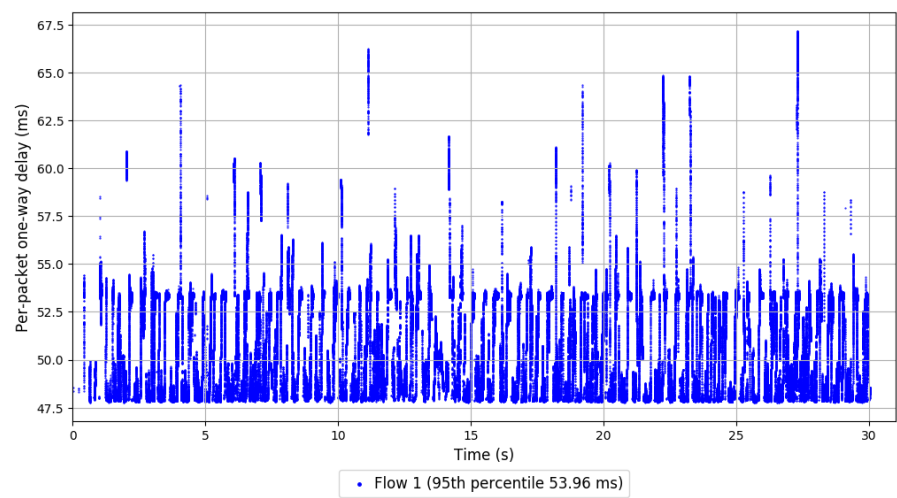
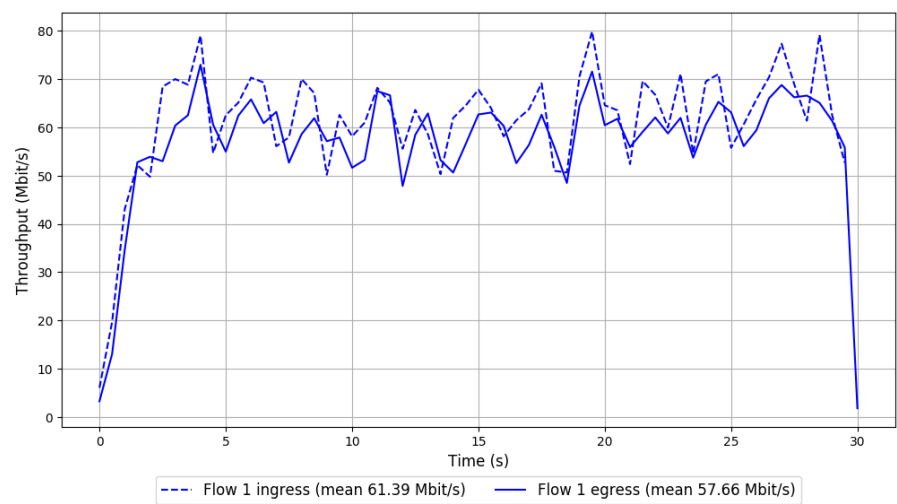


Run 9: Statistics of TaoVA-100x

Start at: 2017-08-22 00:09:01
End at: 2017-08-22 00:09:31
Local clock offset: 0.968 ms
Remote clock offset: -1.712 ms

Below is generated by plot.py at 2017-08-22 01:12:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 53.956 ms
Loss rate: 6.09%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 53.956 ms
Loss rate: 6.09%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-08-22 00:30:03

End at: 2017-08-22 00:30:33

Local clock offset: 1.401 ms

Remote clock offset: -1.643 ms

Below is generated by plot.py at 2017-08-22 01:12:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.83 Mbit/s

95th percentile per-packet one-way delay: 53.608 ms

Loss rate: 5.27%

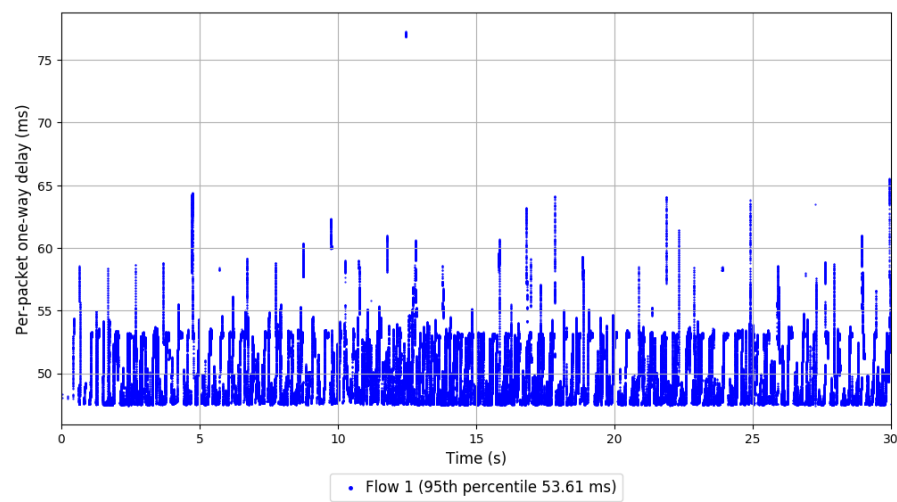
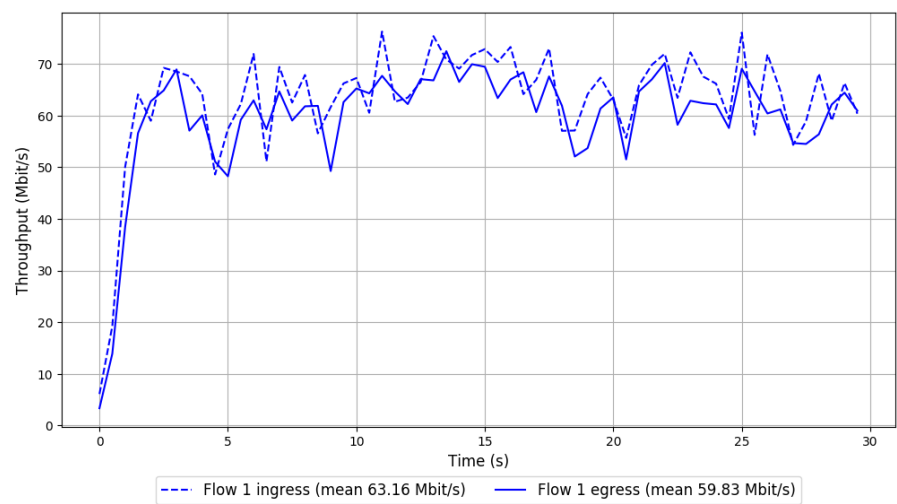
-- Flow 1:

Average throughput: 59.83 Mbit/s

95th percentile per-packet one-way delay: 53.608 ms

Loss rate: 5.27%

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

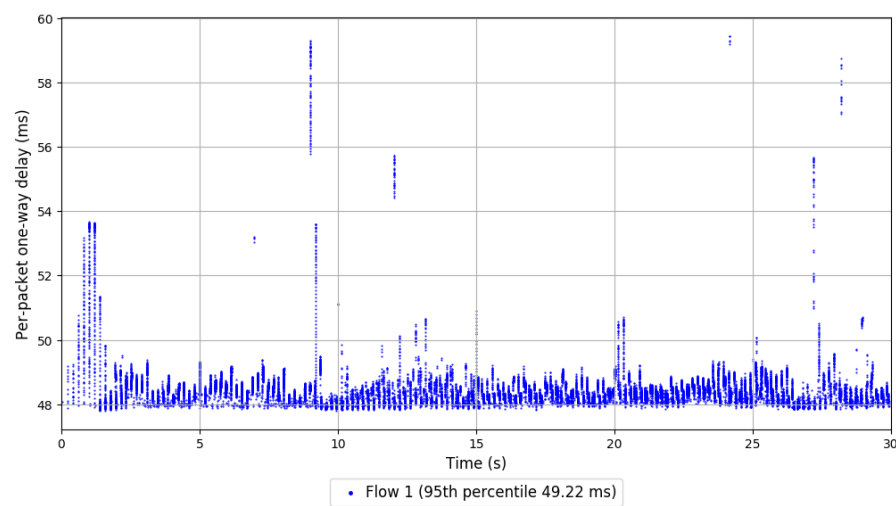
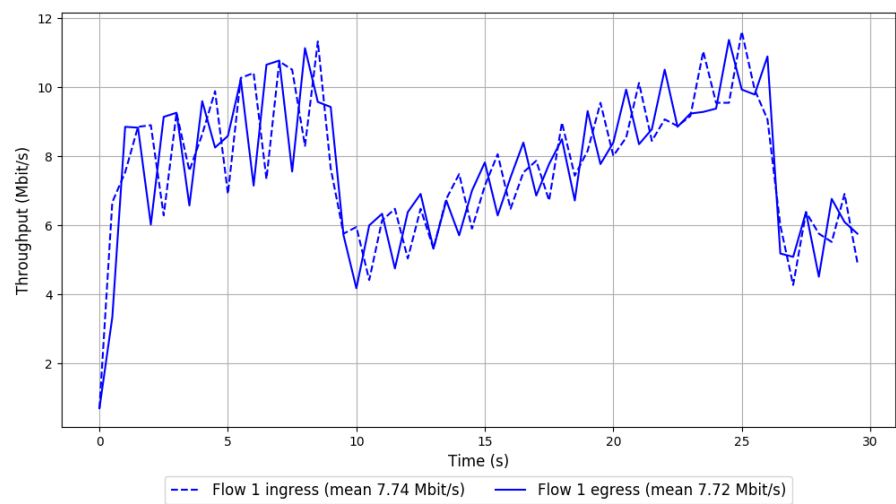


Run 1: Statistics of TCP Vegas

Start at: 2017-08-21 21:19:48
End at: 2017-08-21 21:20:19
Local clock offset: 0.464 ms
Remote clock offset: -1.067 ms

Below is generated by plot.py at 2017-08-22 01:12:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 49.216 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 49.216 ms
Loss rate: 0.48%

Run 1: Report of TCP Vegas — Data Link

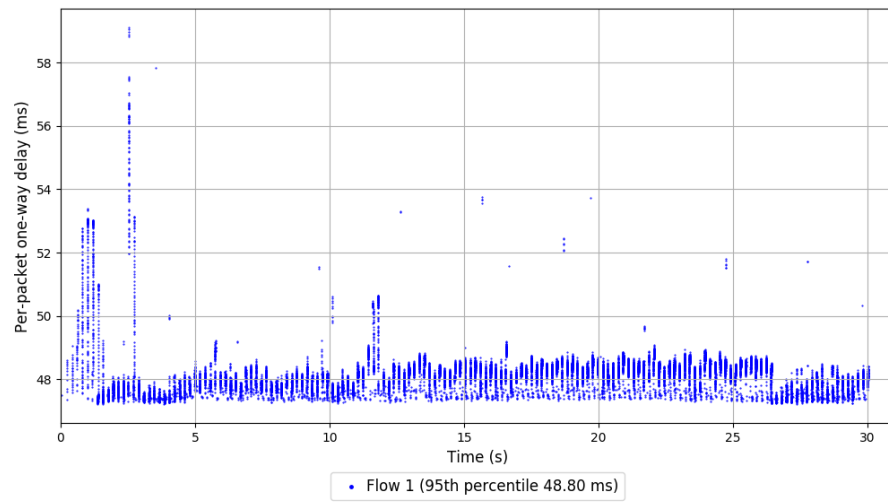
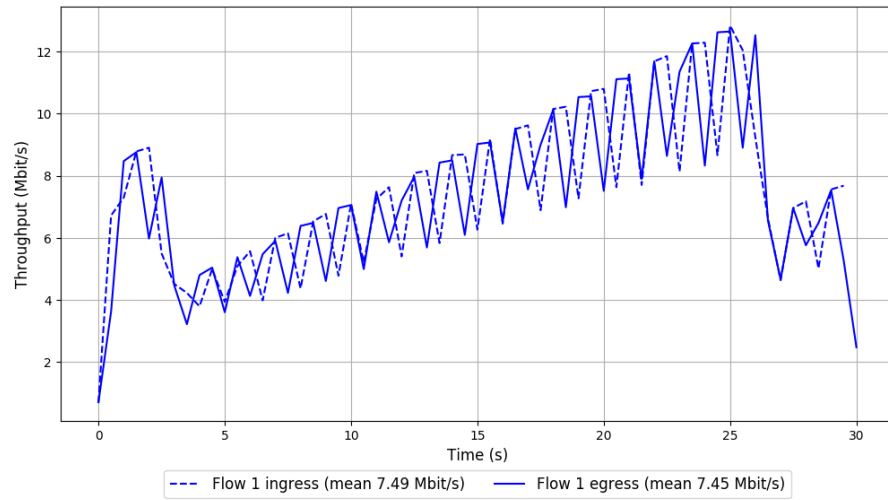


Run 2: Statistics of TCP Vegas

Start at: 2017-08-21 21:40:51
End at: 2017-08-21 21:41:21
Local clock offset: 0.9 ms
Remote clock offset: -1.408 ms

Below is generated by plot.py at 2017-08-22 01:12:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 48.805 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 48.805 ms
Loss rate: 0.55%

Run 2: Report of TCP Vegas — Data Link

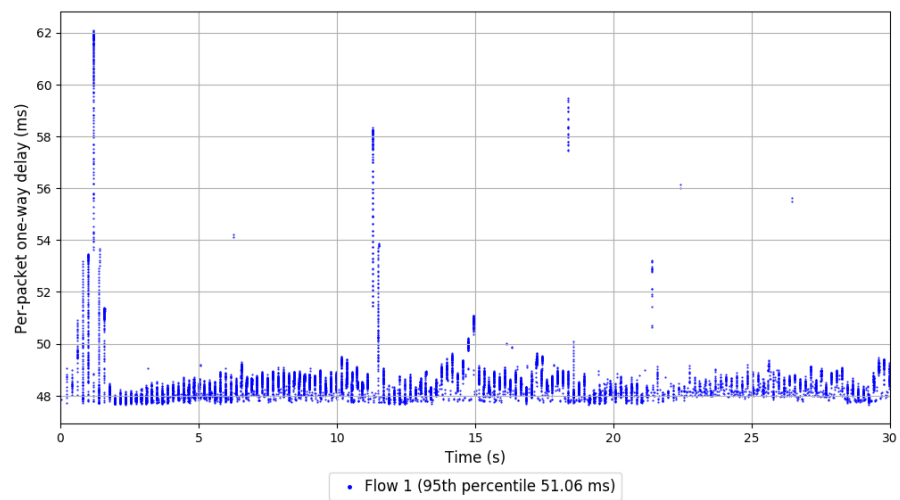
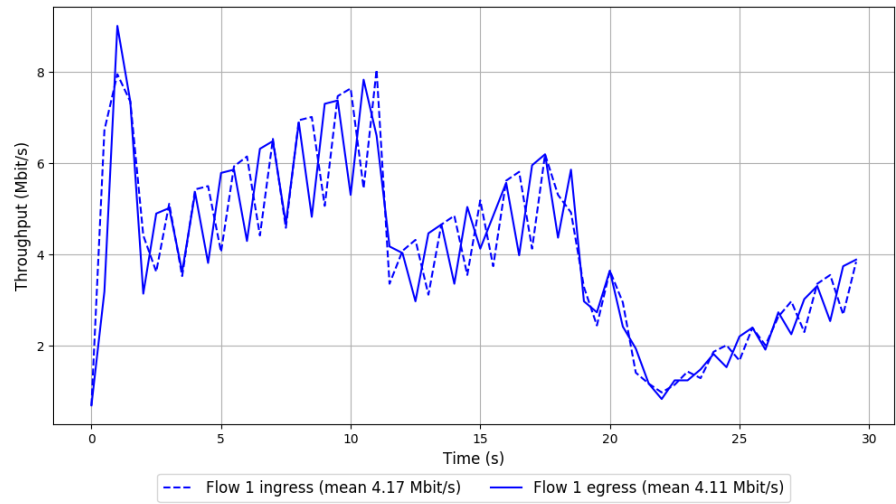


Run 3: Statistics of TCP Vegas

Start at: 2017-08-21 22:02:04
End at: 2017-08-21 22:02:34
Local clock offset: 1.024 ms
Remote clock offset: -1.377 ms

Below is generated by plot.py at 2017-08-22 01:12:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 51.064 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 51.064 ms
Loss rate: 1.29%

Run 3: Report of TCP Vegas — Data Link

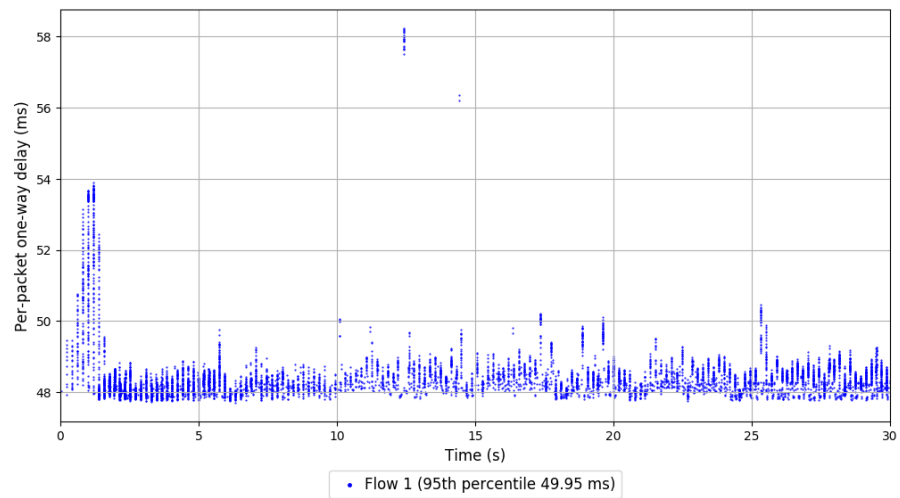
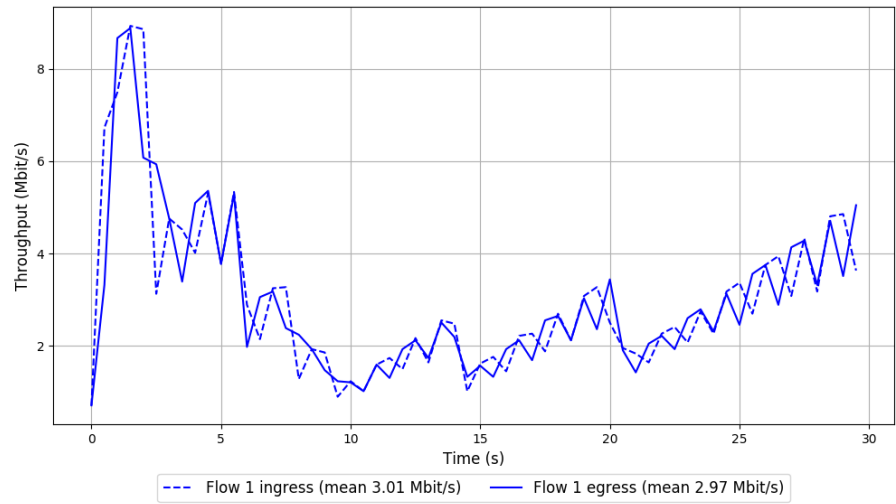


Run 4: Statistics of TCP Vegas

Start at: 2017-08-21 22:23:13
End at: 2017-08-21 22:23:43
Local clock offset: 0.862 ms
Remote clock offset: -1.727 ms

Below is generated by plot.py at 2017-08-22 01:12:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 49.955 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 49.955 ms
Loss rate: 1.33%

Run 4: Report of TCP Vegas — Data Link

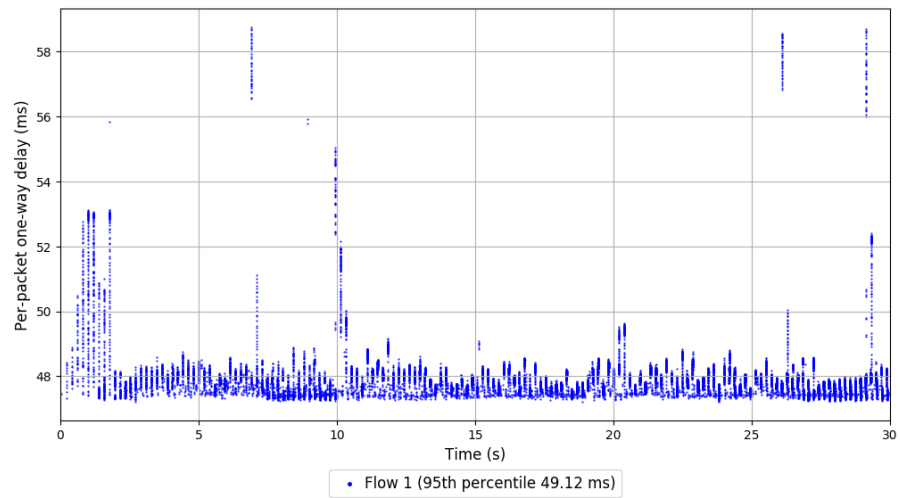
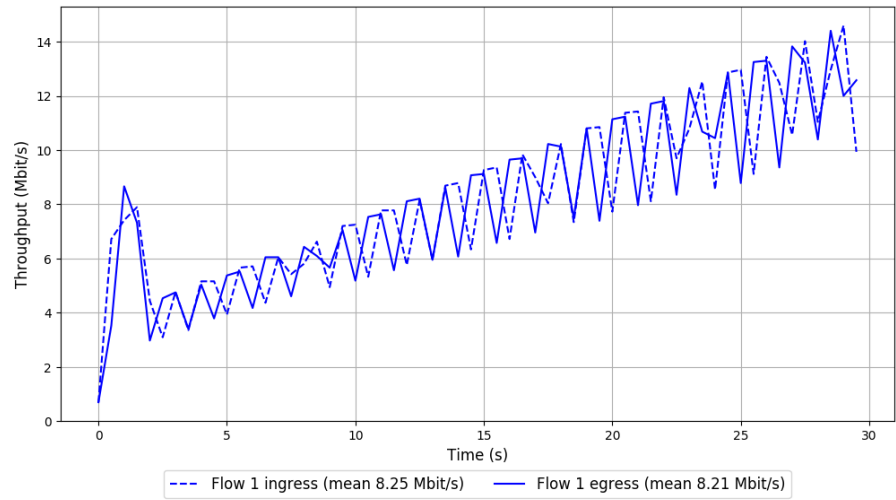


Run 5: Statistics of TCP Vegas

Start at: 2017-08-21 22:45:07
End at: 2017-08-21 22:45:37
Local clock offset: 1.081 ms
Remote clock offset: -1.664 ms

Below is generated by plot.py at 2017-08-22 01:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.51%

Run 5: Report of TCP Vegas — Data Link

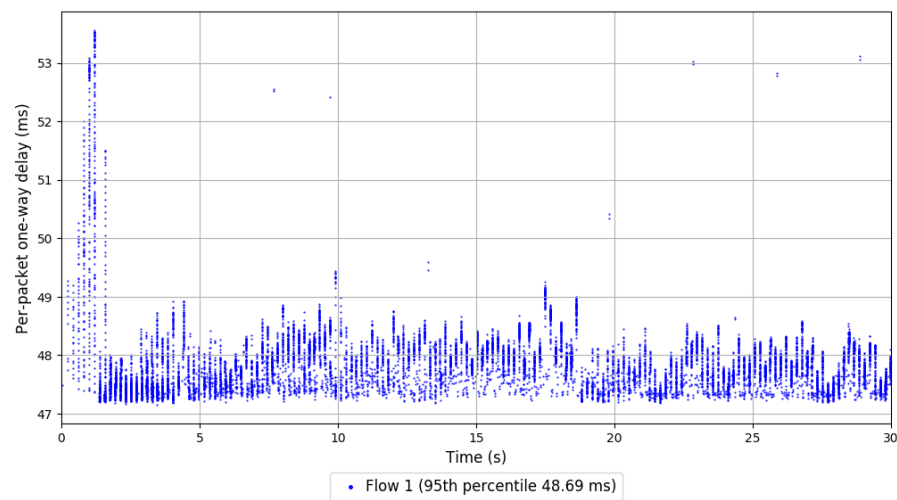
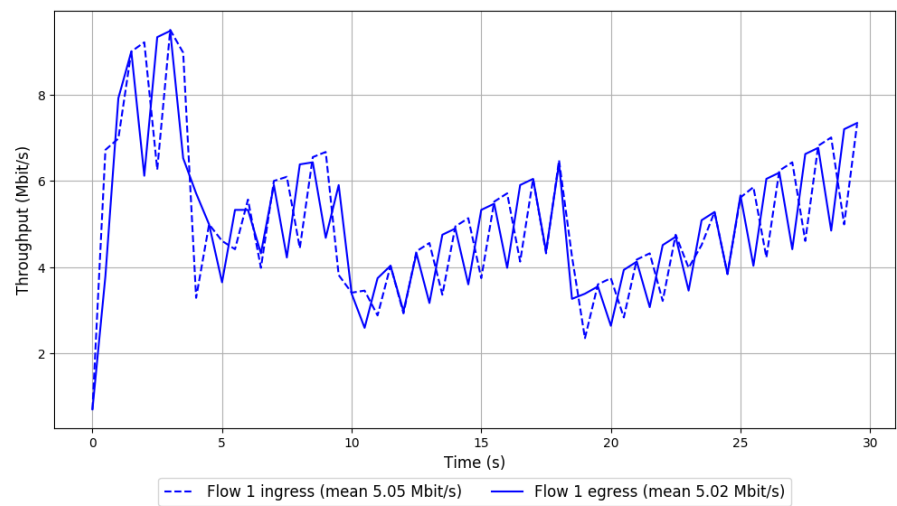


Run 6: Statistics of TCP Vegas

Start at: 2017-08-21 23:05:13
End at: 2017-08-21 23:05:43
Local clock offset: 1.133 ms
Remote clock offset: -1.752 ms

Below is generated by plot.py at 2017-08-22 01:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 48.693 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 48.693 ms
Loss rate: 0.69%

Run 6: Report of TCP Vegas — Data Link

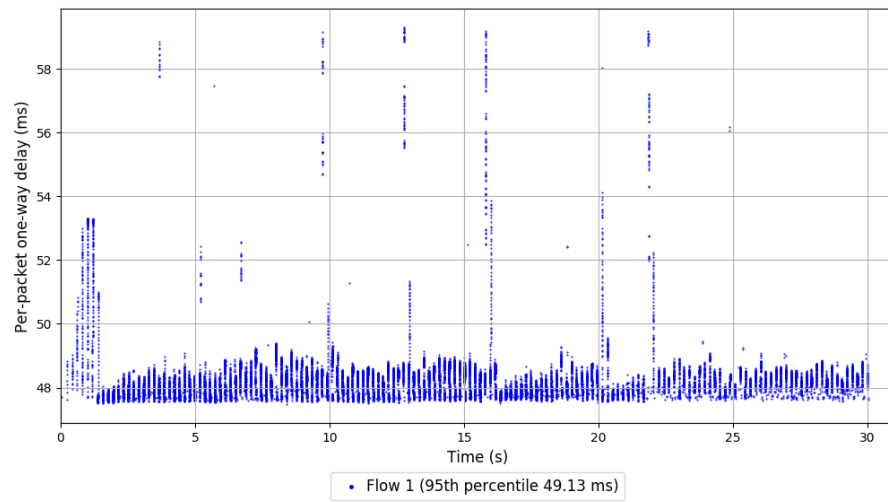
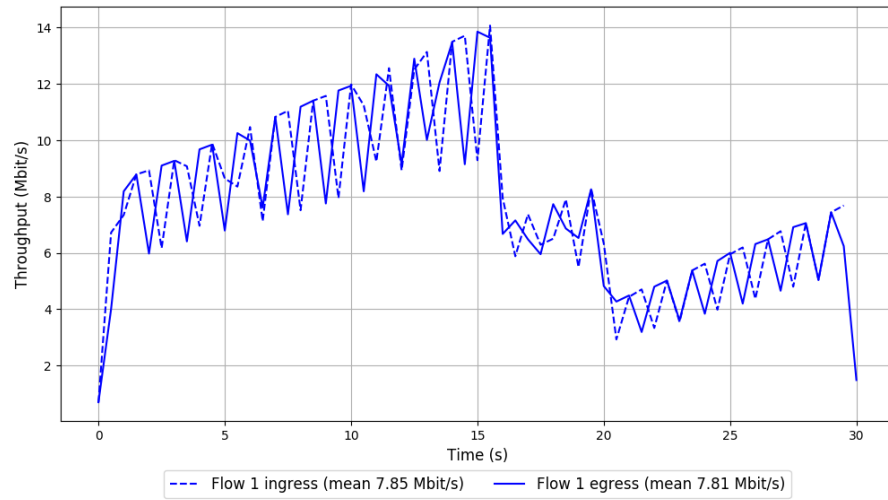


Run 7: Statistics of TCP Vegas

Start at: 2017-08-21 23:26:53
End at: 2017-08-21 23:27:23
Local clock offset: 0.872 ms
Remote clock offset: -1.734 ms

Below is generated by plot.py at 2017-08-22 01:12:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 49.129 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 49.129 ms
Loss rate: 0.53%

Run 7: Report of TCP Vegas — Data Link

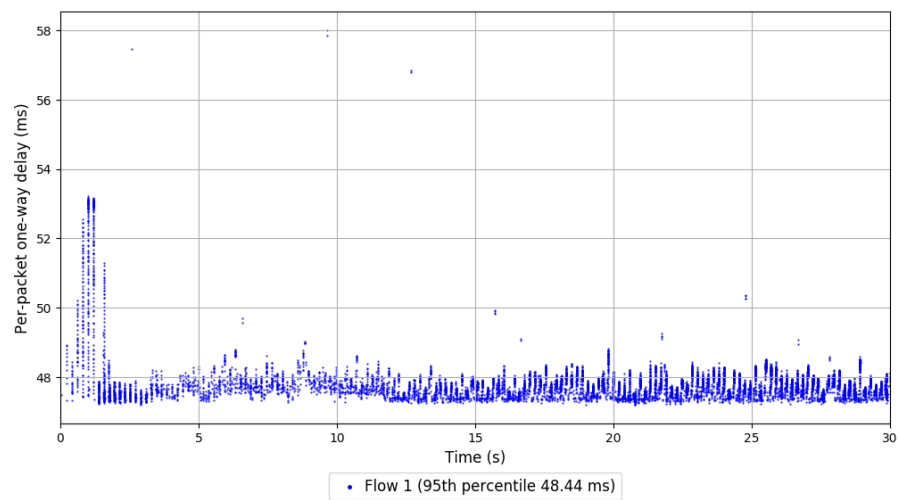
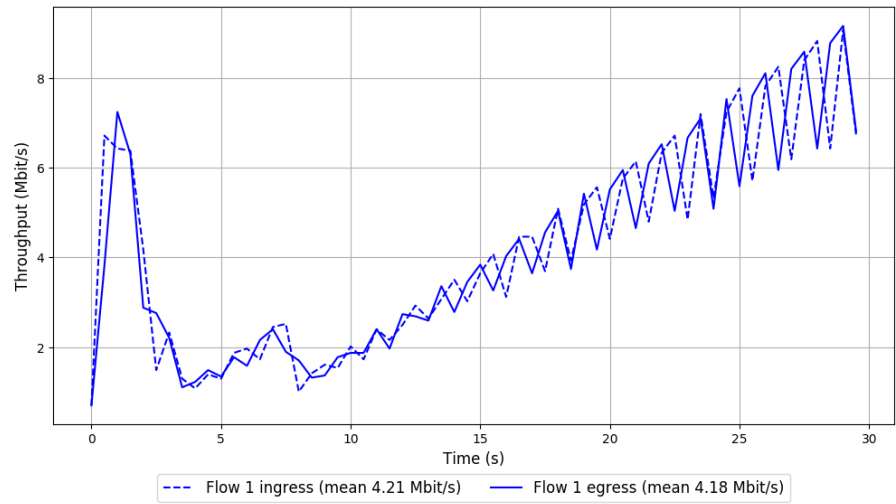


Run 8: Statistics of TCP Vegas

Start at: 2017-08-21 23:47:23
End at: 2017-08-21 23:47:53
Local clock offset: 1.316 ms
Remote clock offset: -1.695 ms

Below is generated by plot.py at 2017-08-22 01:12:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 48.436 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 48.436 ms
Loss rate: 0.89%

Run 8: Report of TCP Vegas — Data Link

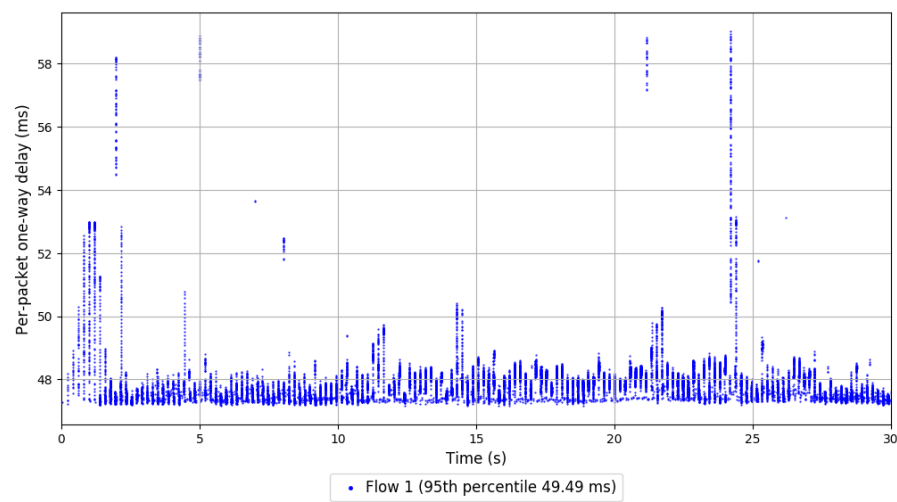
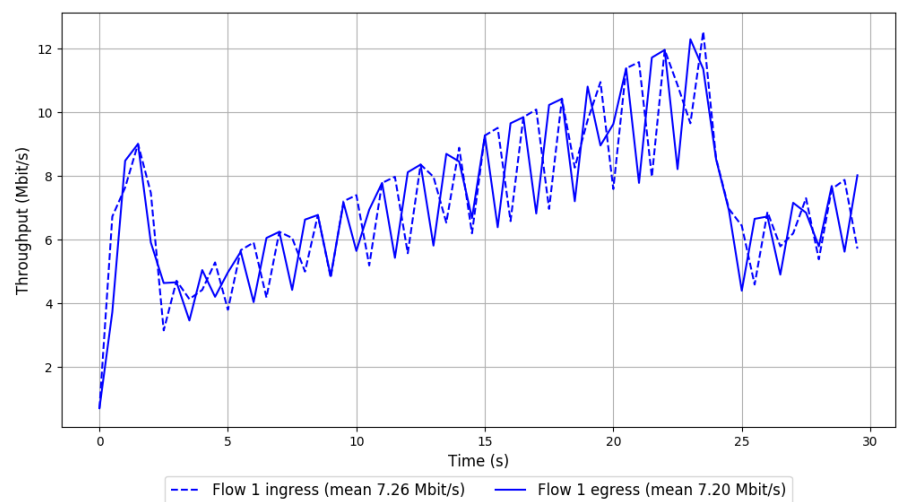


Run 9: Statistics of TCP Vegas

Start at: 2017-08-22 00:07:45
End at: 2017-08-22 00:08:15
Local clock offset: 1.37 ms
Remote clock offset: -1.723 ms

Below is generated by plot.py at 2017-08-22 01:12:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 49.486 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 49.486 ms
Loss rate: 0.80%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-08-22 00:28:49

End at: 2017-08-22 00:29:19

Local clock offset: 1.363 ms

Remote clock offset: -1.574 ms

Below is generated by plot.py at 2017-08-22 01:12:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.57 Mbit/s

95th percentile per-packet one-way delay: 49.028 ms

Loss rate: 0.56%

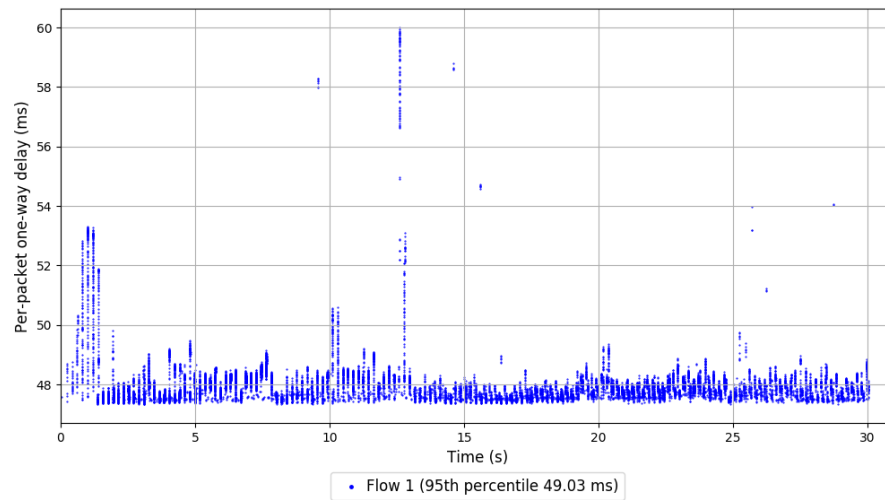
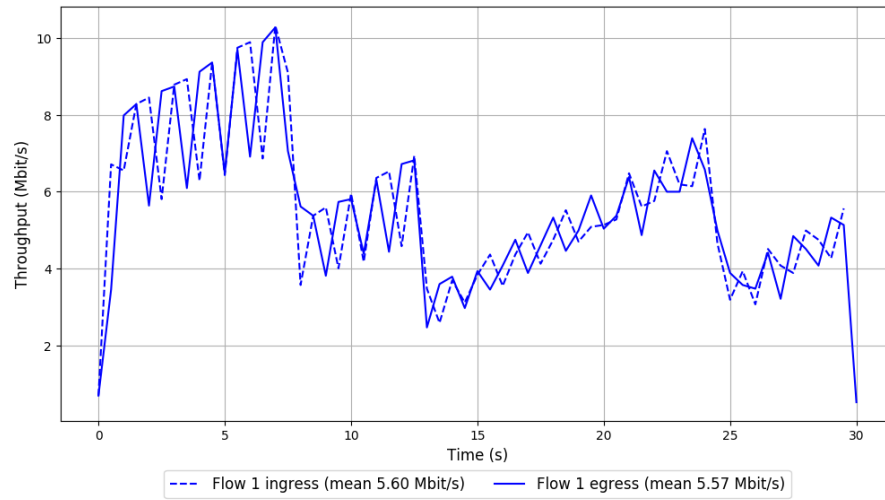
-- Flow 1:

Average throughput: 5.57 Mbit/s

95th percentile per-packet one-way delay: 49.028 ms

Loss rate: 0.56%

Run 10: Report of TCP Vegas — Data Link

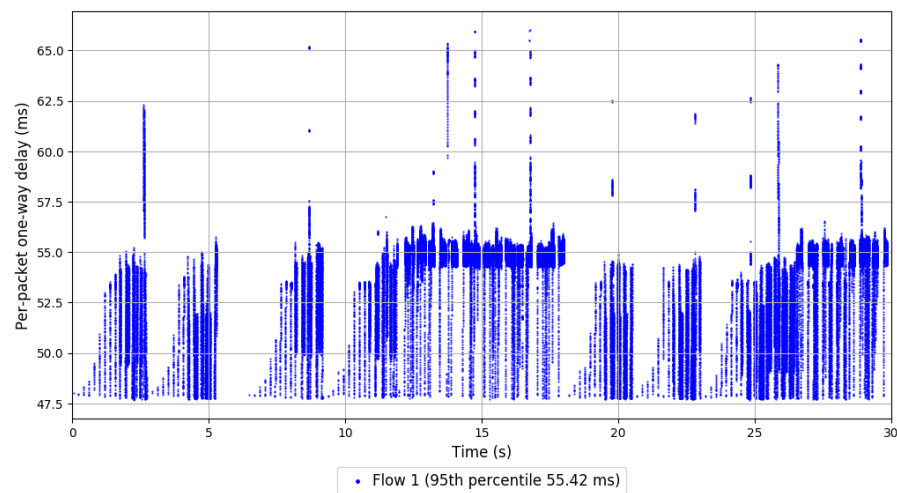
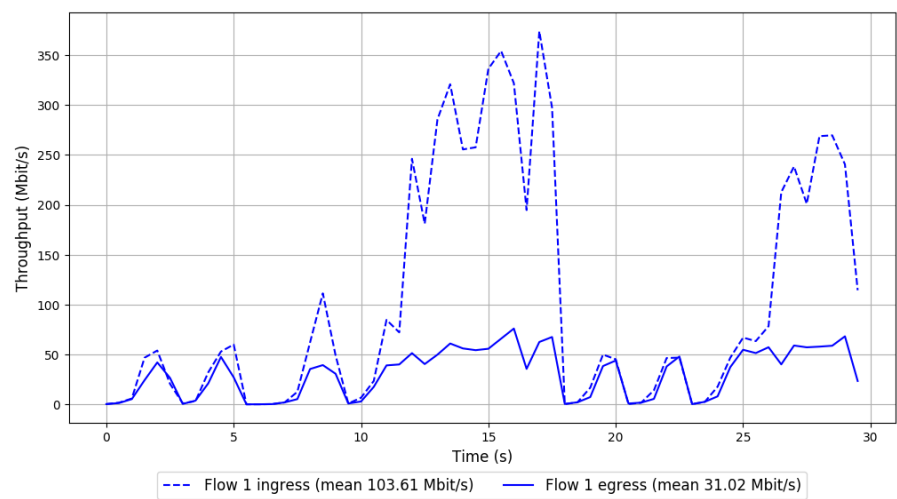


Run 1: Statistics of Verus

Start at: 2017-08-21 21:27:26
End at: 2017-08-21 21:27:56
Local clock offset: 0.595 ms
Remote clock offset: -1.209 ms

Below is generated by plot.py at 2017-08-22 01:12:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 55.423 ms
Loss rate: 70.06%
-- Flow 1:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 55.423 ms
Loss rate: 70.06%

Run 1: Report of Verus — Data Link

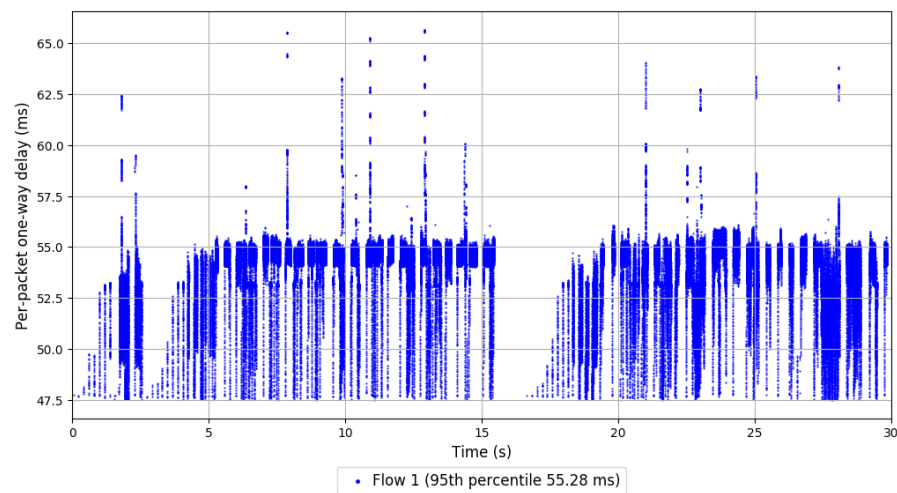
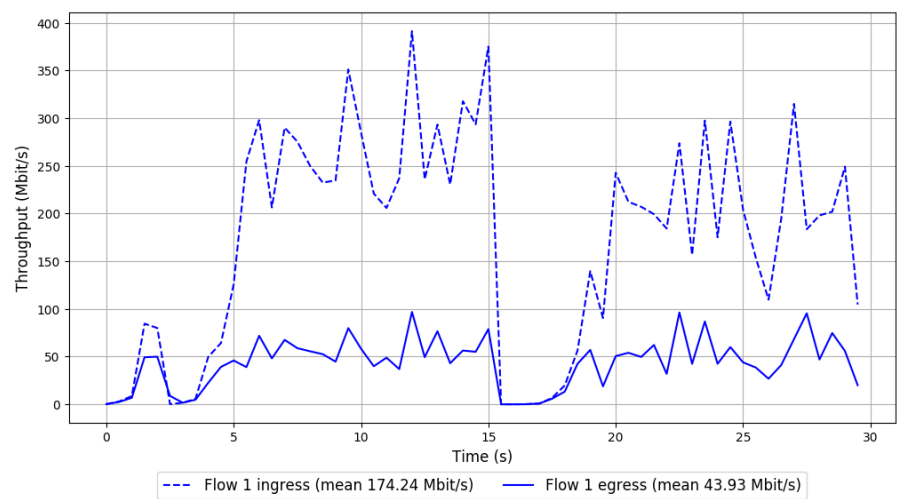


Run 2: Statistics of Verus

Start at: 2017-08-21 21:48:17
End at: 2017-08-21 21:48:47
Local clock offset: 0.689 ms
Remote clock offset: -1.421 ms

Below is generated by plot.py at 2017-08-22 01:12:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 55.281 ms
Loss rate: 74.78%
-- Flow 1:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 55.281 ms
Loss rate: 74.78%

Run 2: Report of Verus — Data Link

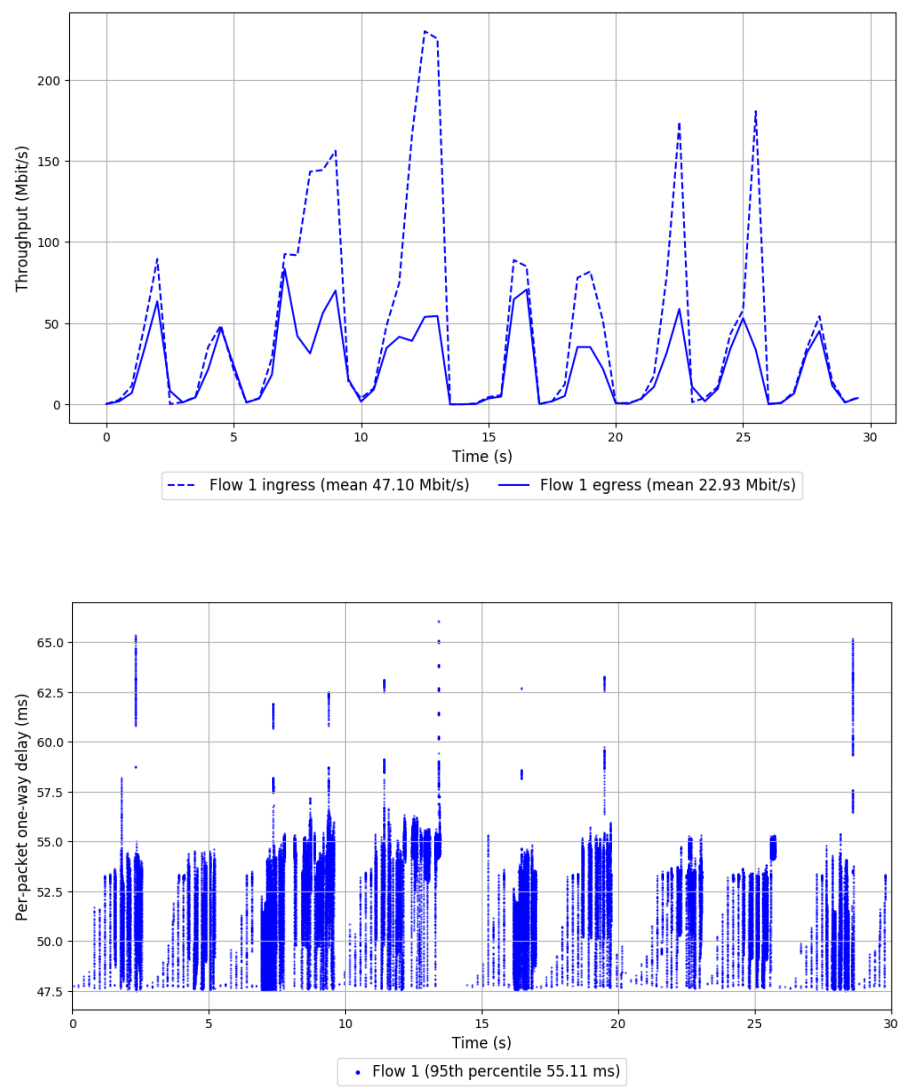


Run 3: Statistics of Verus

Start at: 2017-08-21 22:09:51
End at: 2017-08-21 22:10:21
Local clock offset: 0.739 ms
Remote clock offset: -1.579 ms

Below is generated by plot.py at 2017-08-22 01:12:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 55.111 ms
Loss rate: 51.31%
-- Flow 1:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 55.111 ms
Loss rate: 51.31%

Run 3: Report of Verus — Data Link

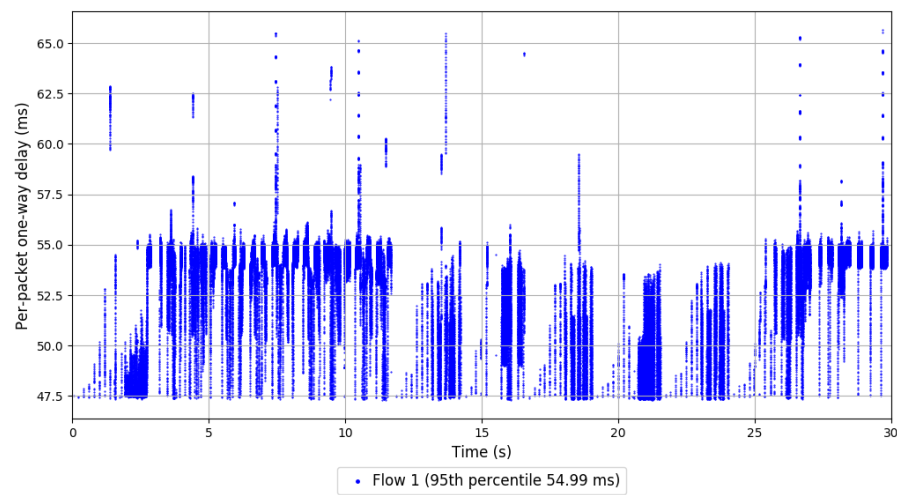
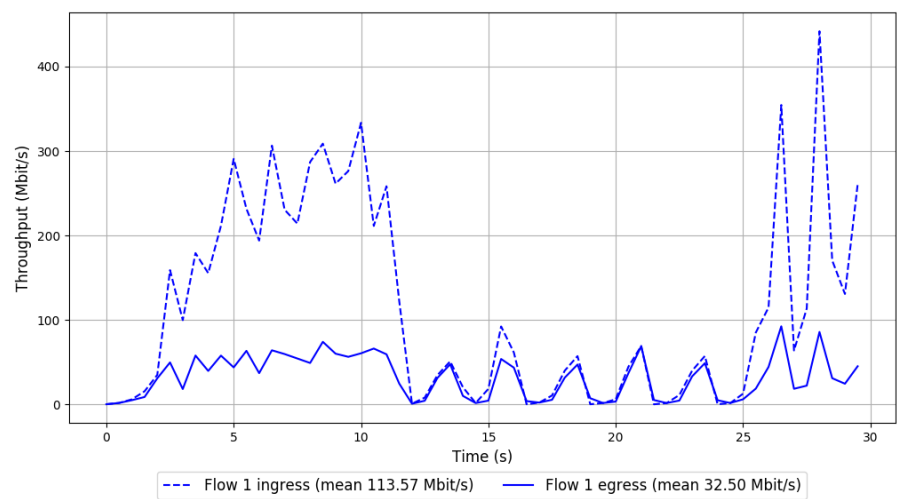


Run 4: Statistics of Verus

Start at: 2017-08-21 22:31:29
End at: 2017-08-21 22:31:59
Local clock offset: 1.091 ms
Remote clock offset: -1.624 ms

Below is generated by plot.py at 2017-08-22 01:12:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 54.989 ms
Loss rate: 71.37%
-- Flow 1:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 54.989 ms
Loss rate: 71.37%

Run 4: Report of Verus — Data Link

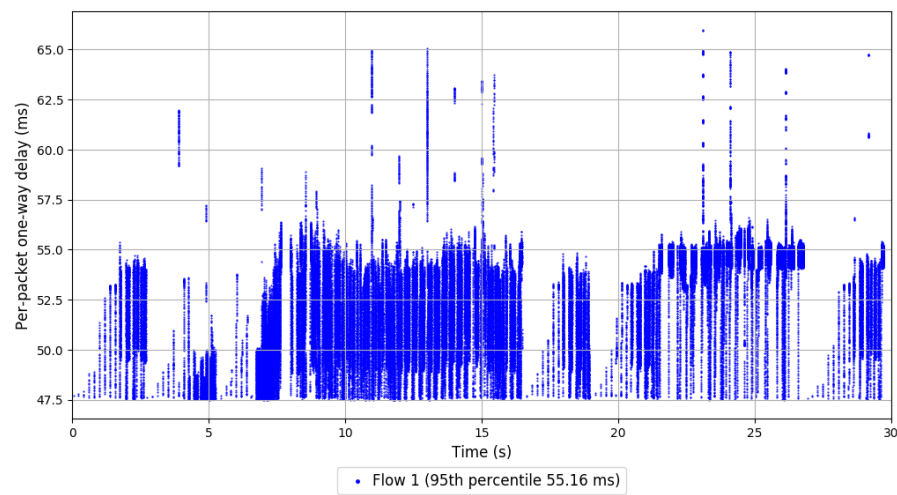
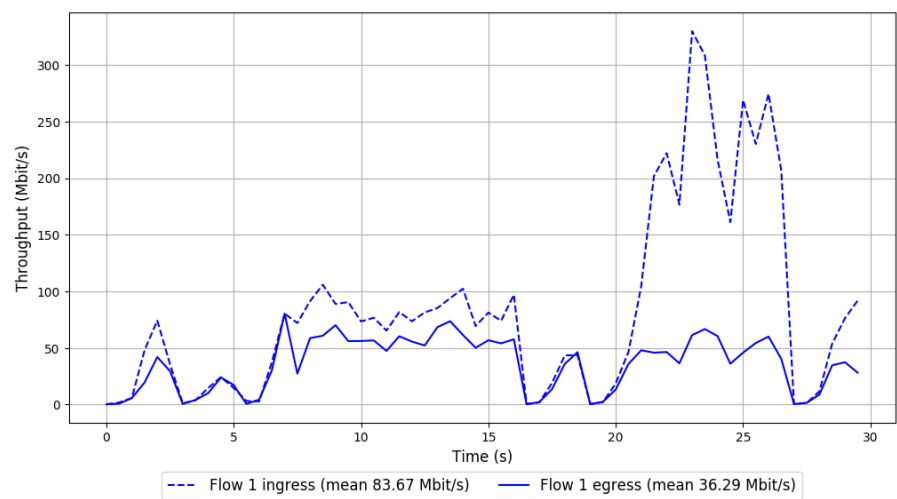


Run 5: Statistics of Verus

Start at: 2017-08-21 22:51:53
End at: 2017-08-21 22:52:23
Local clock offset: 0.799 ms
Remote clock offset: -1.715 ms

Below is generated by plot.py at 2017-08-22 01:12:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 55.156 ms
Loss rate: 56.62%
-- Flow 1:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 55.156 ms
Loss rate: 56.62%

Run 5: Report of Verus — Data Link

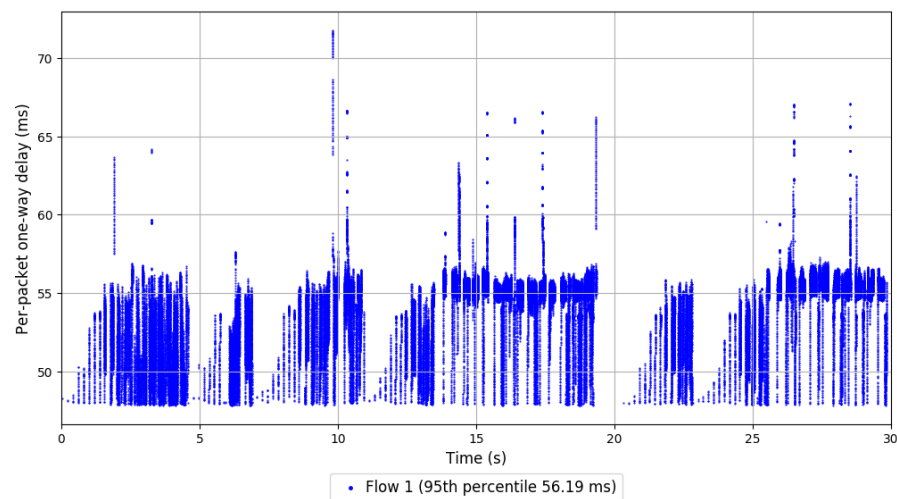
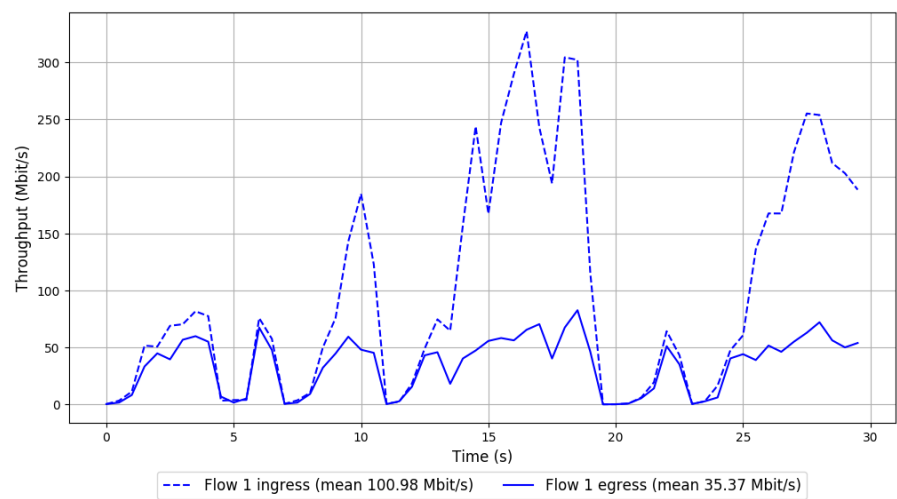


Run 6: Statistics of Verus

Start at: 2017-08-21 23:13:20
End at: 2017-08-21 23:13:50
Local clock offset: 0.79 ms
Remote clock offset: -1.701 ms

Below is generated by plot.py at 2017-08-22 01:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 56.190 ms
Loss rate: 64.97%
-- Flow 1:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 56.190 ms
Loss rate: 64.97%

Run 6: Report of Verus — Data Link

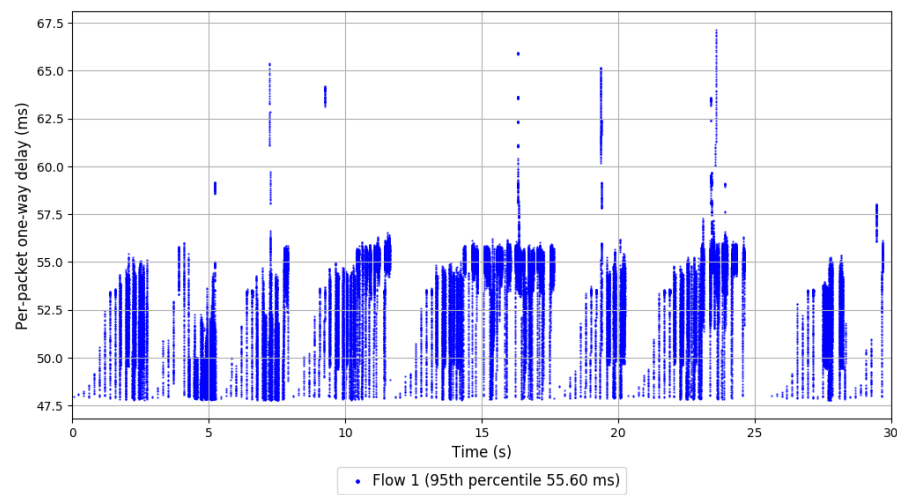
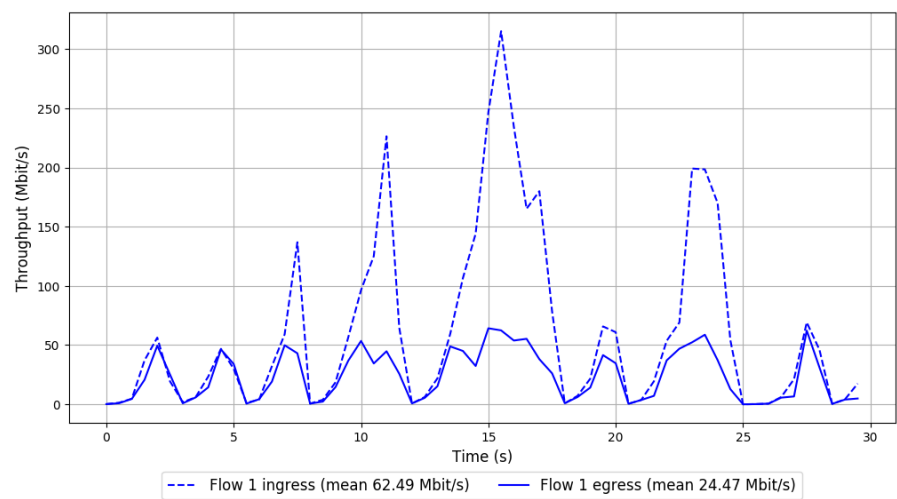


Run 7: Statistics of Verus

Start at: 2017-08-21 23:34:15
End at: 2017-08-21 23:34:45
Local clock offset: 0.916 ms
Remote clock offset: -1.759 ms

Below is generated by plot.py at 2017-08-22 01:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 55.601 ms
Loss rate: 60.83%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 55.601 ms
Loss rate: 60.83%

Run 7: Report of Verus — Data Link

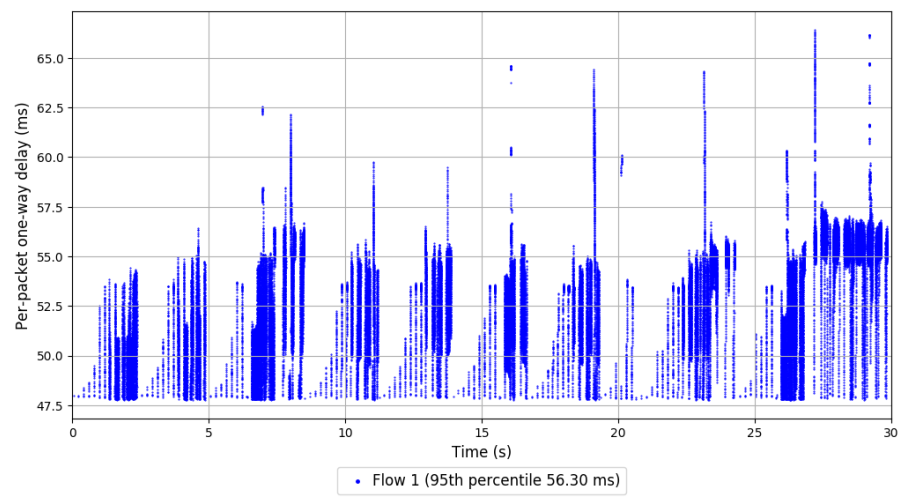
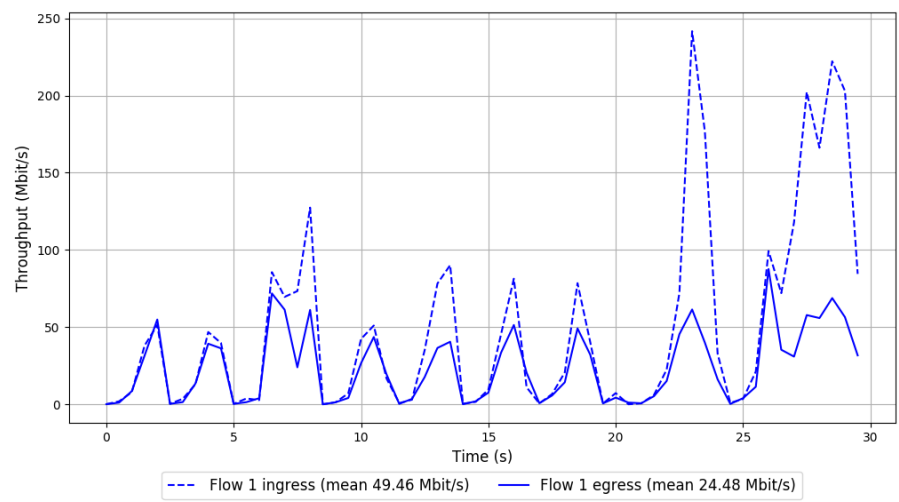


Run 8: Statistics of Verus

Start at: 2017-08-21 23:54:33
End at: 2017-08-21 23:55:03
Local clock offset: 1.015 ms
Remote clock offset: -1.734 ms

Below is generated by plot.py at 2017-08-22 01:13:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 56.303 ms
Loss rate: 50.50%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 56.303 ms
Loss rate: 50.50%

Run 8: Report of Verus — Data Link

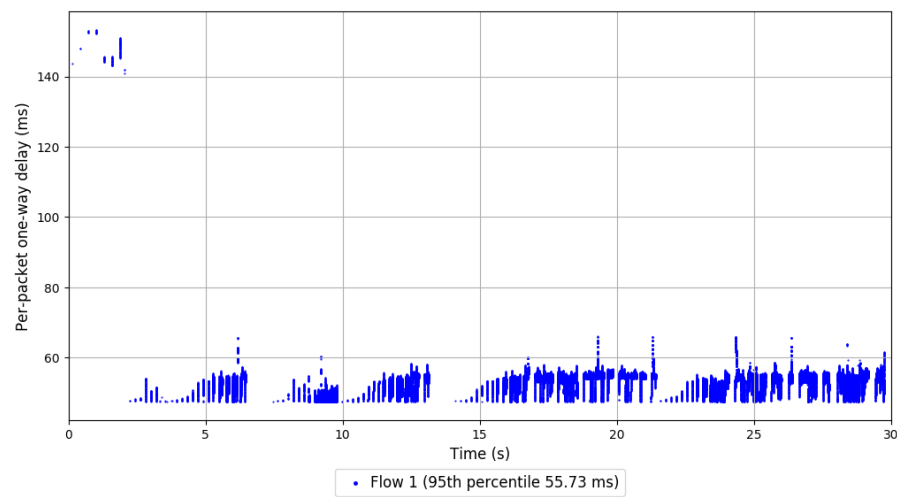
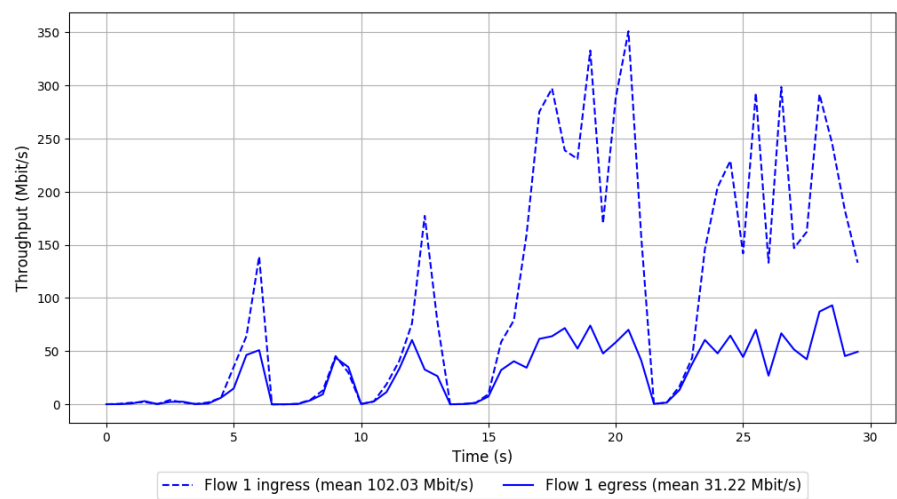


Run 9: Statistics of Verus

Start at: 2017-08-22 00:15:30
End at: 2017-08-22 00:16:00
Local clock offset: 1.141 ms
Remote clock offset: -1.645 ms

Below is generated by plot.py at 2017-08-22 01:13:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 55.726 ms
Loss rate: 69.50%
-- Flow 1:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 55.726 ms
Loss rate: 69.50%

Run 9: Report of Verus — Data Link

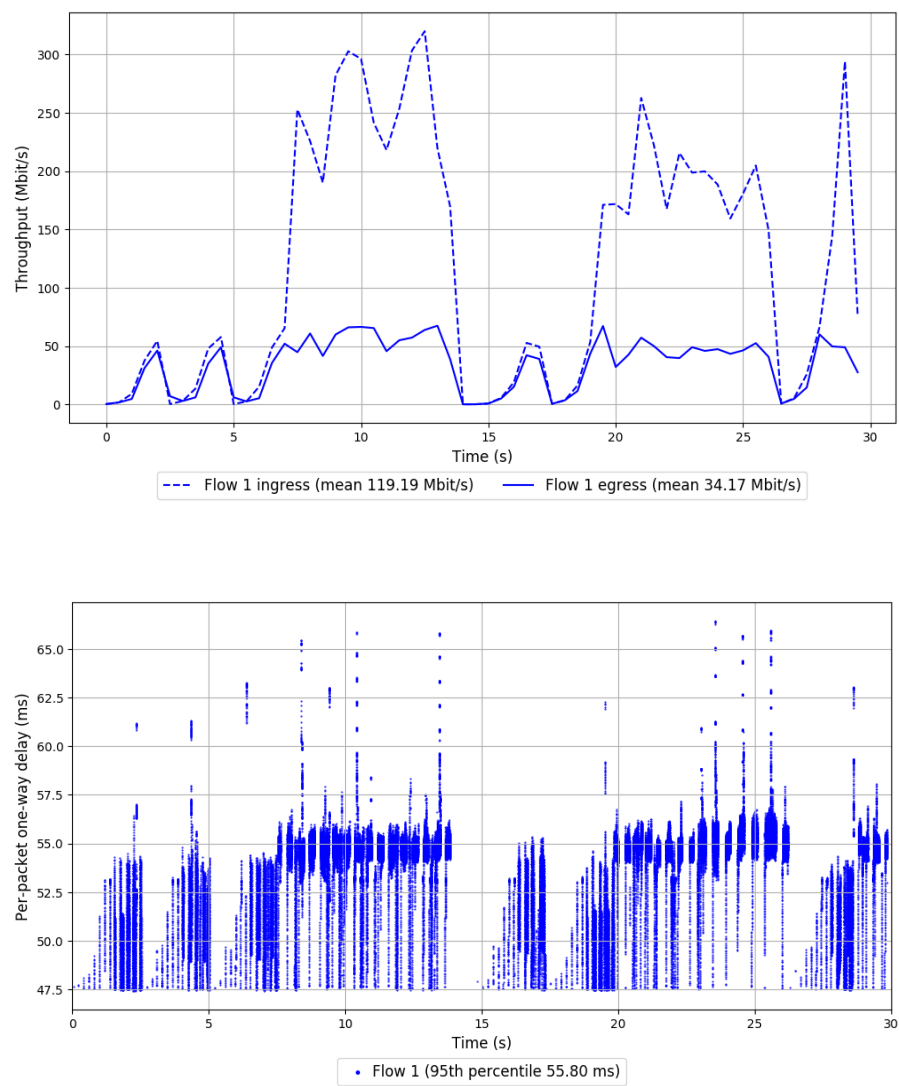


Run 10: Statistics of Verus

Start at: 2017-08-22 00:35:36
End at: 2017-08-22 00:36:06
Local clock offset: 1.208 ms
Remote clock offset: -1.632 ms

Below is generated by plot.py at 2017-08-22 01:13:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 55.799 ms
Loss rate: 71.32%
-- Flow 1:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 55.799 ms
Loss rate: 71.32%

Run 10: Report of Verus — Data Link

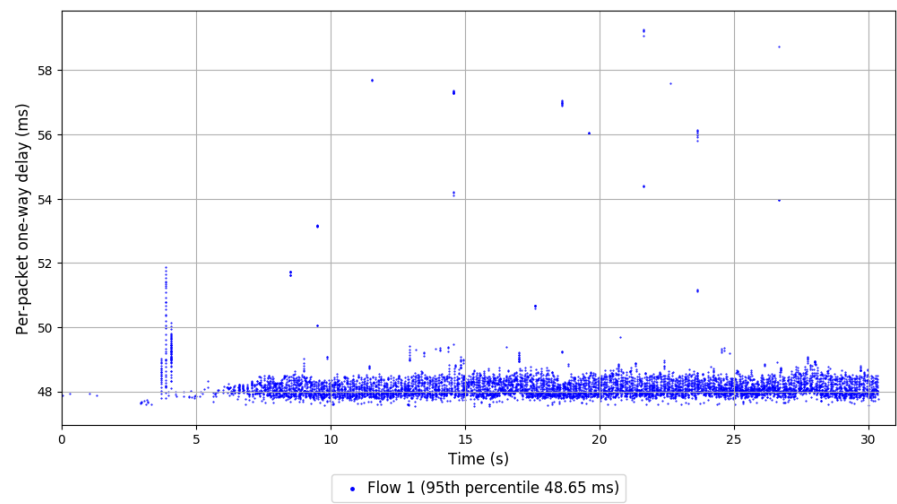
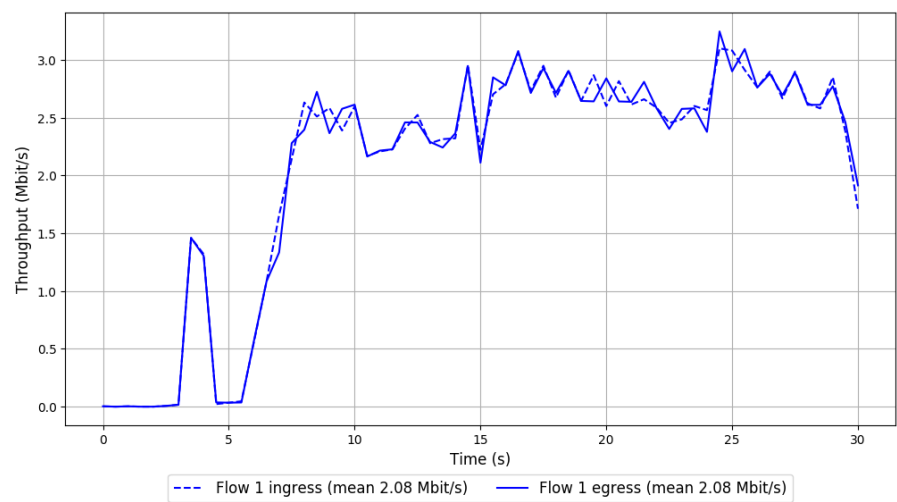


Run 1: Statistics of WebRTC media

Start at: 2017-08-21 21:38:25
End at: 2017-08-21 21:38:55
Local clock offset: 0.613 ms
Remote clock offset: -1.352 ms

Below is generated by plot.py at 2017-08-22 01:13:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 48.649 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 48.649 ms
Loss rate: 0.01%

Run 1: Report of WebRTC media — Data Link

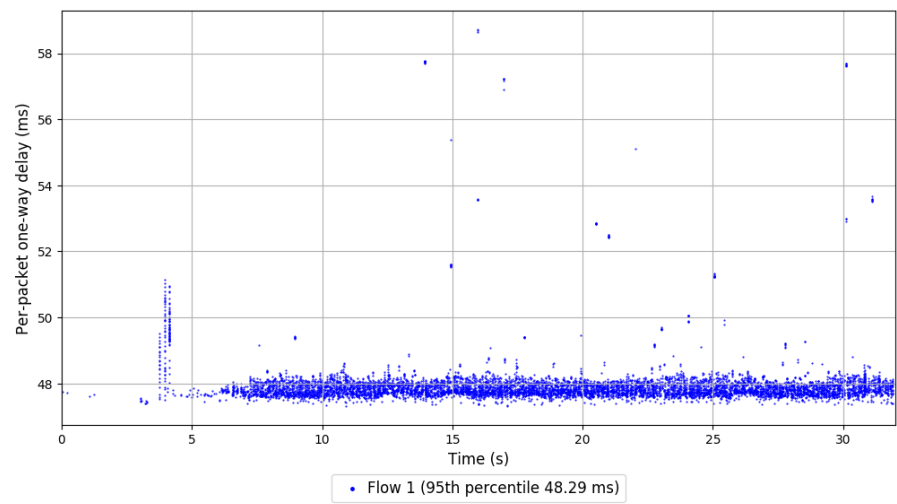
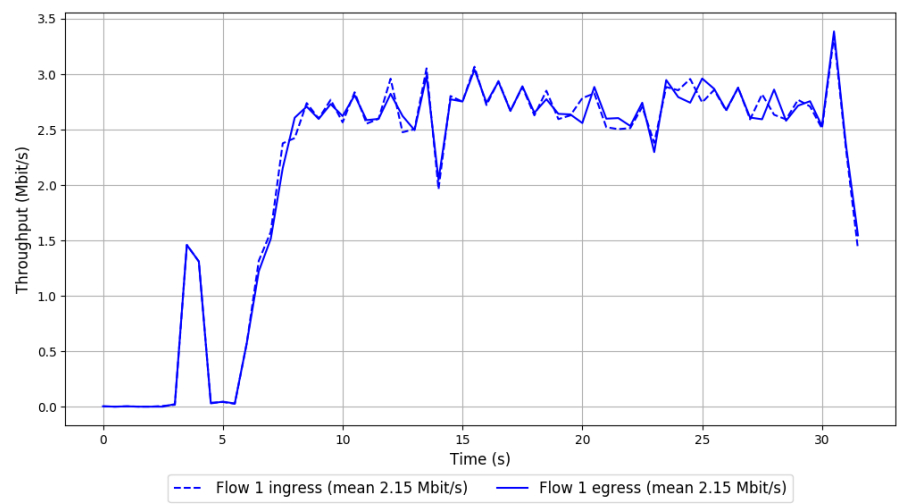


Run 2: Statistics of WebRTC media

Start at: 2017-08-21 21:59:28
End at: 2017-08-21 21:59:58
Local clock offset: 0.758 ms
Remote clock offset: -1.458 ms

Below is generated by plot.py at 2017-08-22 01:13:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 48.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 48.290 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

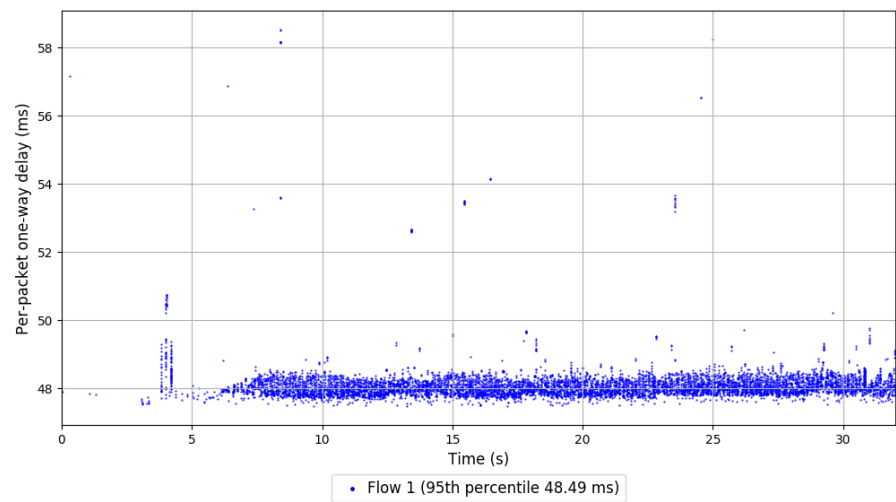
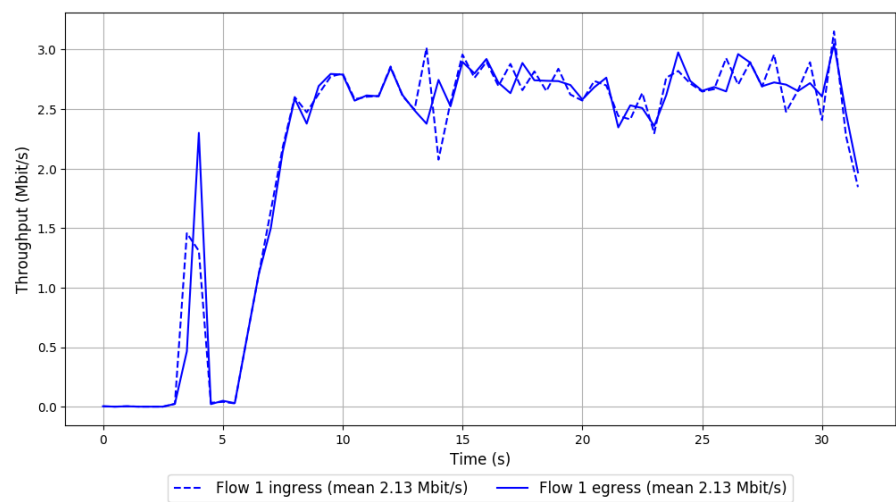


Run 3: Statistics of WebRTC media

Start at: 2017-08-21 22:20:45
End at: 2017-08-21 22:21:15
Local clock offset: 0.906 ms
Remote clock offset: -1.679 ms

Below is generated by plot.py at 2017-08-22 01:13:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 48.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 48.489 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

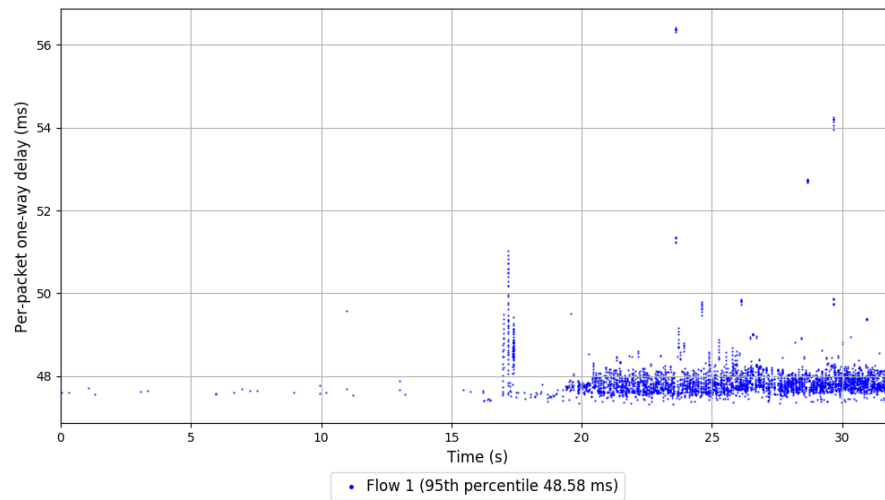
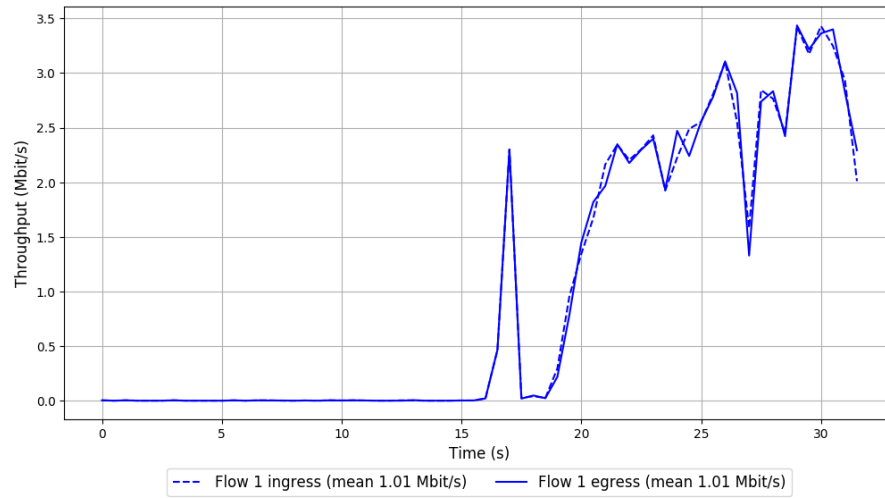


Run 4: Statistics of WebRTC media

Start at: 2017-08-21 22:42:40
End at: 2017-08-21 22:43:10
Local clock offset: 0.849 ms
Remote clock offset: -1.646 ms

Below is generated by plot.py at 2017-08-22 01:13:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 48.577 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 48.577 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

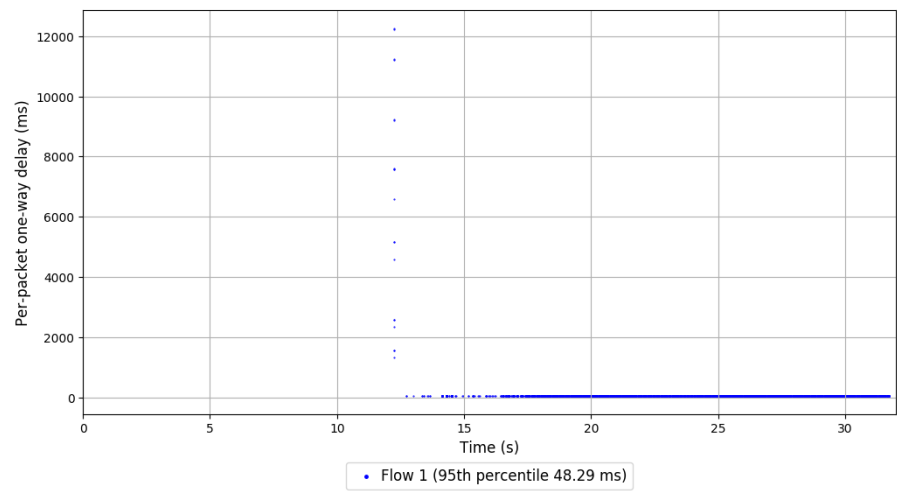
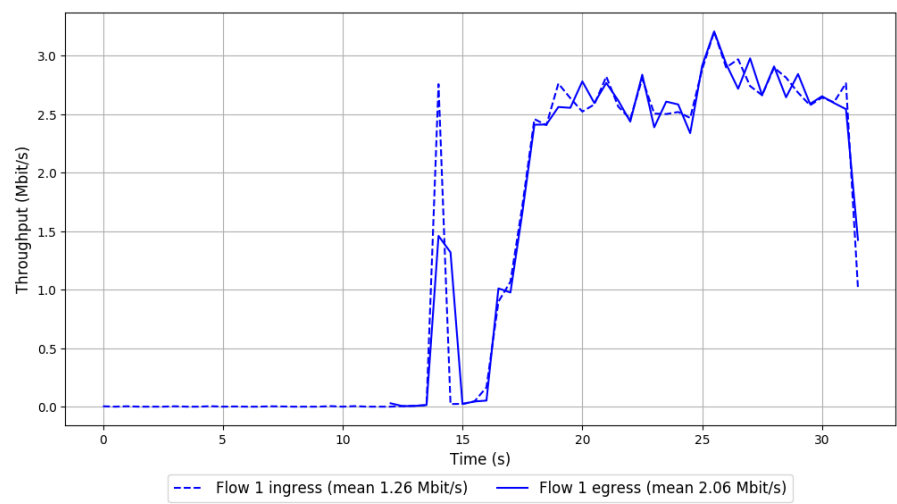
Start at: 2017-08-21 23:02:47

End at: 2017-08-21 23:03:17

Local clock offset: 1.697 ms

Remote clock offset: -1.694 ms

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-08-21 23:24:26

End at: 2017-08-21 23:24:56

Local clock offset: 1.1 ms

Remote clock offset: -1.758 ms

Below is generated by plot.py at 2017-08-22 01:13:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.98 Mbit/s

95th percentile per-packet one-way delay: 48.333 ms

Loss rate: 0.00%

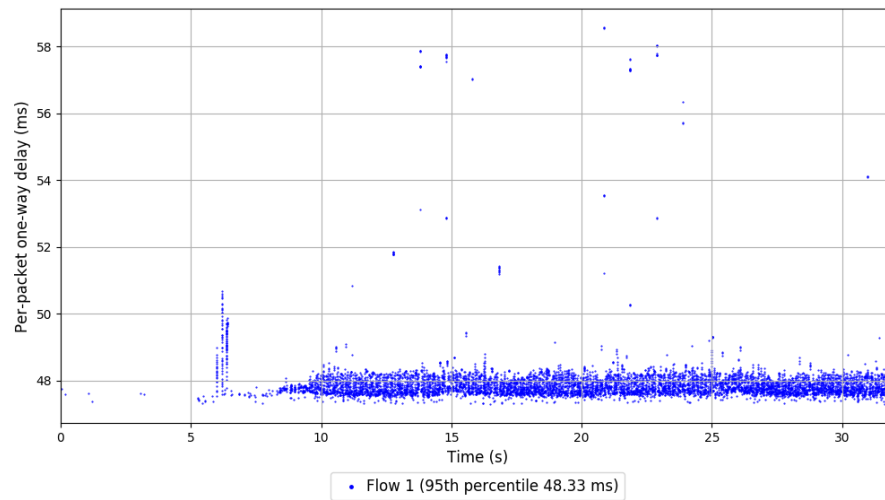
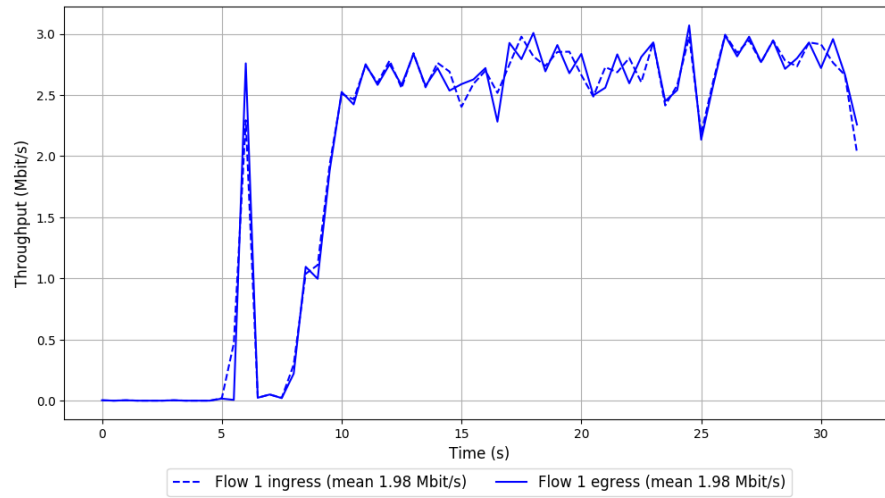
-- Flow 1:

Average throughput: 1.98 Mbit/s

95th percentile per-packet one-way delay: 48.333 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

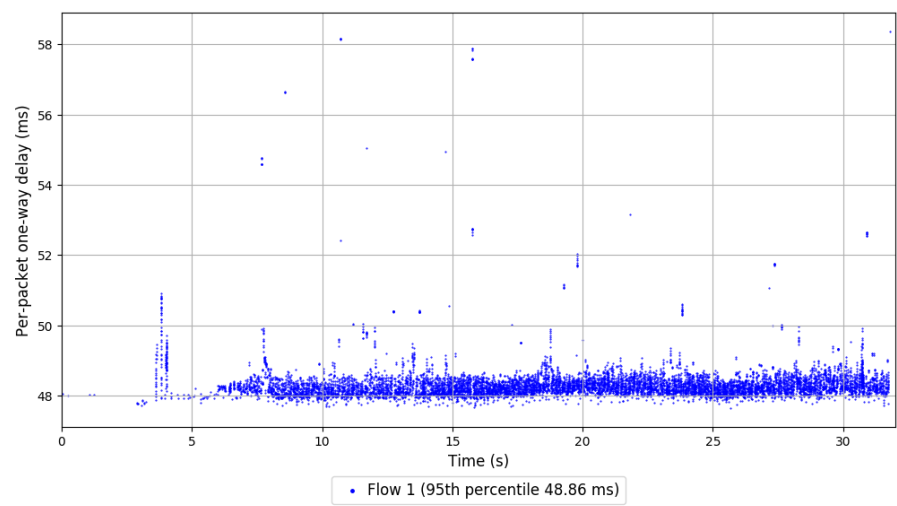
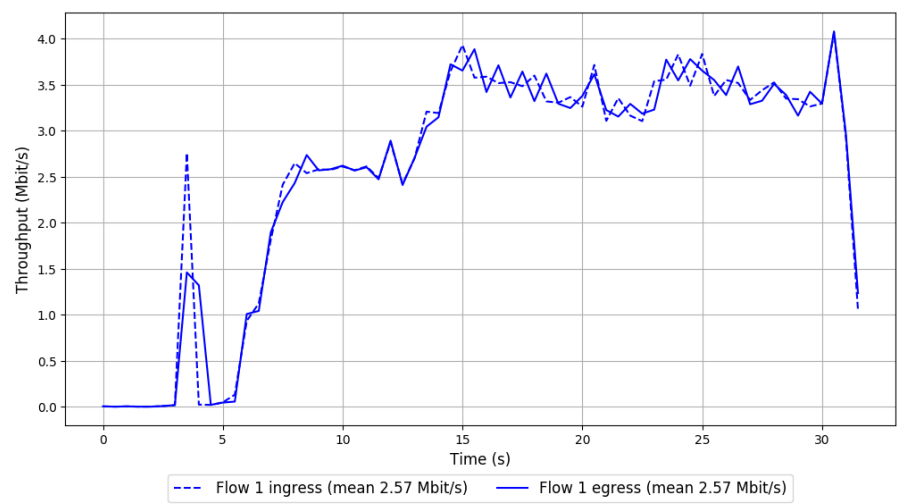


Run 7: Statistics of WebRTC media

Start at: 2017-08-21 23:44:52
End at: 2017-08-21 23:45:22
Local clock offset: 0.919 ms
Remote clock offset: -1.677 ms

Below is generated by plot.py at 2017-08-22 01:13:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 48.860 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 48.860 ms
Loss rate: 0.17%

Run 7: Report of WebRTC media — Data Link

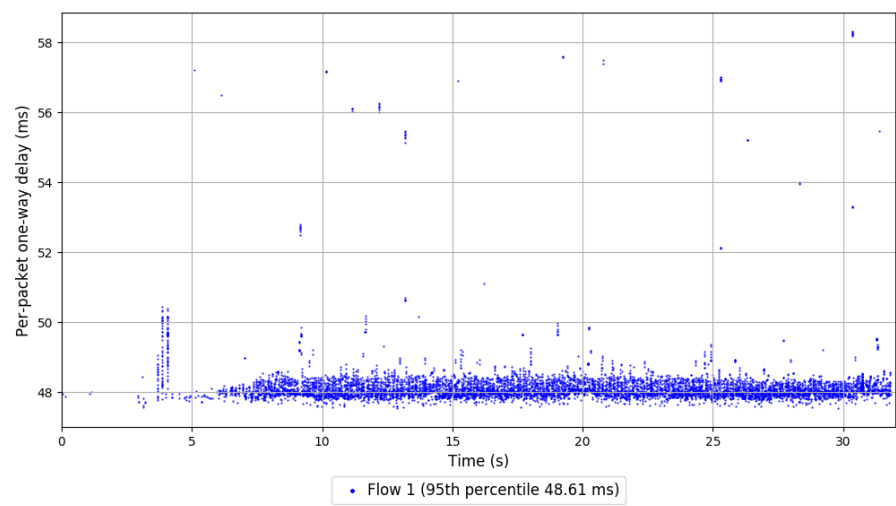
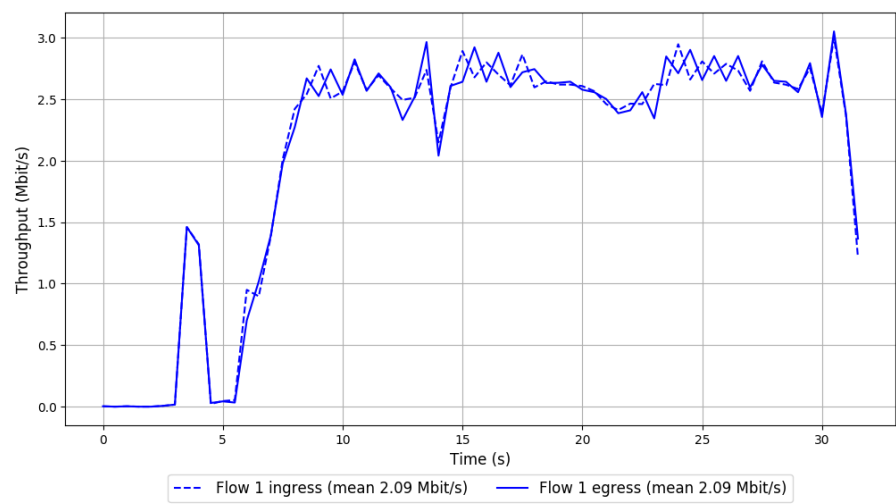


Run 8: Statistics of WebRTC media

Start at: 2017-08-22 00:05:13
End at: 2017-08-22 00:05:43
Local clock offset: 1.078 ms
Remote clock offset: -1.661 ms

Below is generated by plot.py at 2017-08-22 01:13:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 48.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 48.613 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-08-22 00:26:23

End at: 2017-08-22 00:26:53

Local clock offset: 1.434 ms

Remote clock offset: -1.69 ms

Below is generated by plot.py at 2017-08-22 01:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 48.355 ms

Loss rate: 0.01%

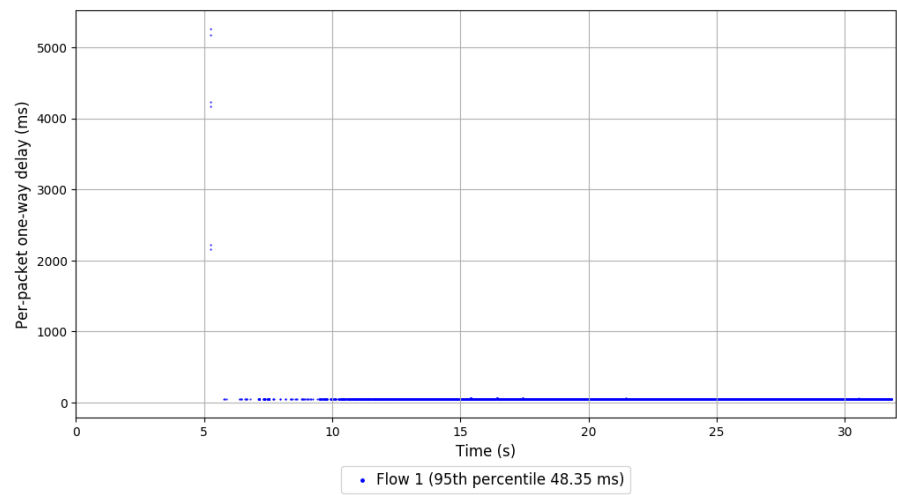
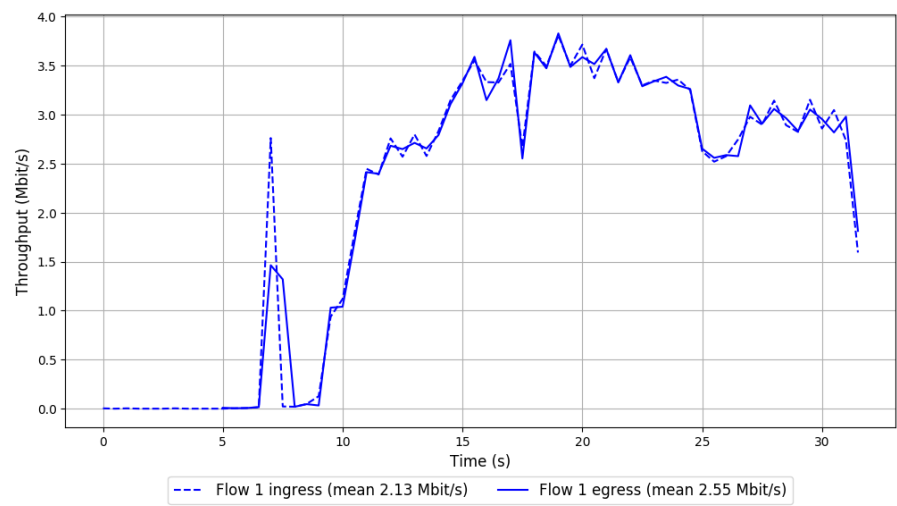
-- Flow 1:

Average throughput: 2.55 Mbit/s

95th percentile per-packet one-way delay: 48.355 ms

Loss rate: 0.01%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-08-22 00:46:24

End at: 2017-08-22 00:46:54

Local clock offset: 1.409 ms

Remote clock offset: -1.574 ms

Below is generated by plot.py at 2017-08-22 01:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 48.253 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.13 Mbit/s

95th percentile per-packet one-way delay: 48.253 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

