

Pantheon Report

Generated at 2017-09-21 16:09:47 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

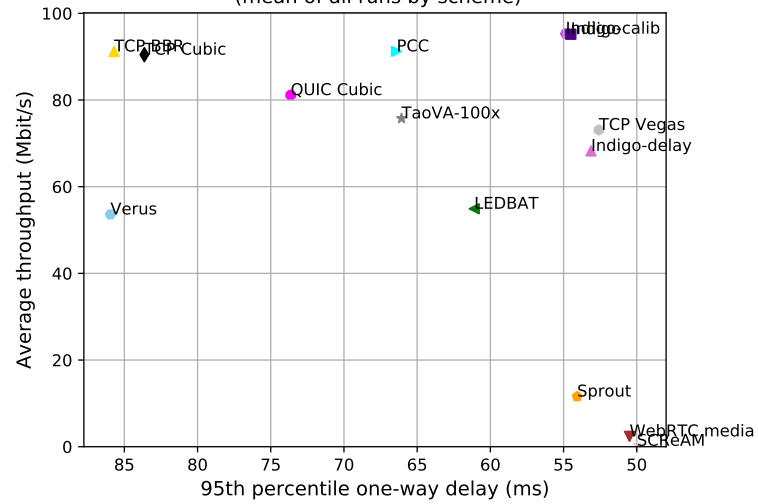
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

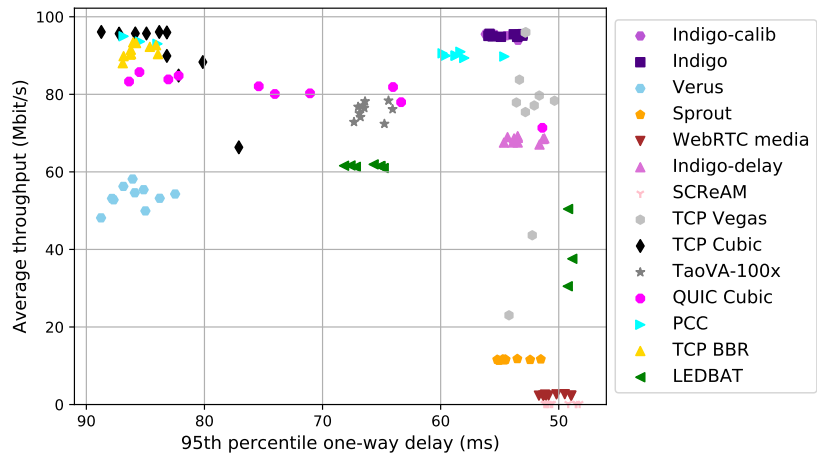
Git summary:

```
branch: indigos @ 46c7c812d4acb71eea4f5fb0b03b3657cea3062f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
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 California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	91.20	85.70	25.04
TCP Cubic	10	90.46	83.63	0.27
LEDBAT	10	54.90	61.10	0.01
PCC	10	91.22	66.40	5.05
QUIC Cubic	10	81.13	73.64	0.54
SCReAM	10	0.22	49.99	0.01
WebRTC media	10	2.39	50.50	0.03
Sprout	10	11.58	54.08	0.01
TaoVA-100x	10	75.76	66.07	0.04
TCP Vegas	10	73.09	52.59	0.29
Verus	10	53.59	85.95	35.69
Indigo	10	95.18	54.51	0.14
Indigo-calib	9	95.30	54.86	0.08
Indigo-delay	10	68.25	53.12	0.07

Run 1: Statistics of TCP BBR

Start at: 2017-09-21 12:41:34

End at: 2017-09-21 12:42:04

Local clock offset: 0.166 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2017-09-21 15:53:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.03 Mbit/s

95th percentile per-packet one-way delay: 86.918 ms

Loss rate: 25.80%

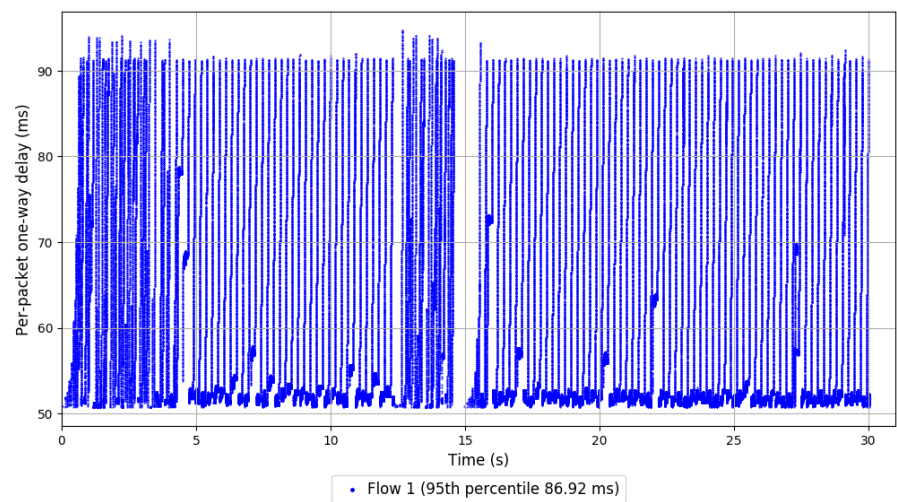
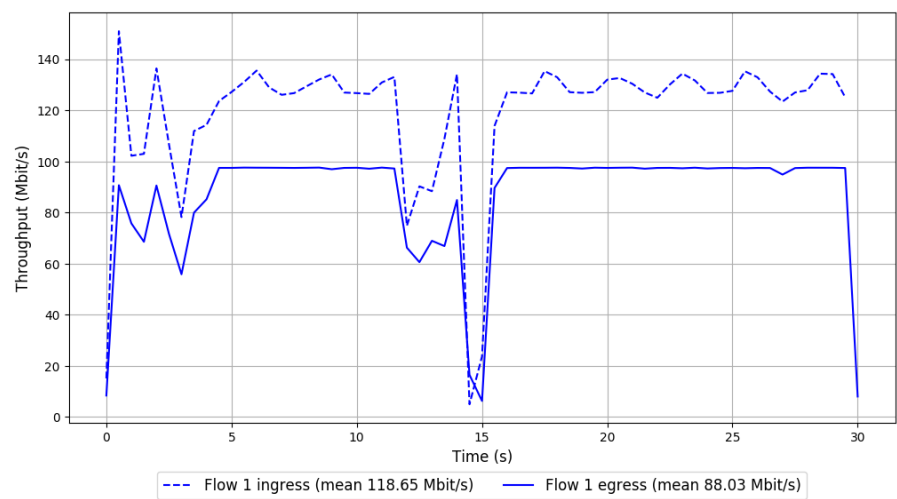
-- Flow 1:

Average throughput: 88.03 Mbit/s

95th percentile per-packet one-way delay: 86.918 ms

Loss rate: 25.80%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-09-21 13:00:21

End at: 2017-09-21 13:00:51

Local clock offset: 0.234 ms

Remote clock offset: 0.186 ms

Below is generated by plot.py at 2017-09-21 15:53:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.24 Mbit/s

95th percentile per-packet one-way delay: 86.289 ms

Loss rate: 25.04%

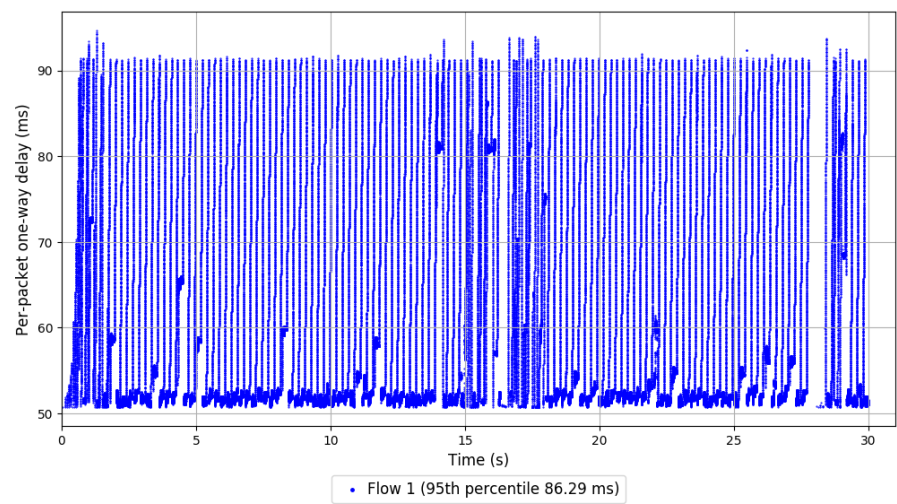
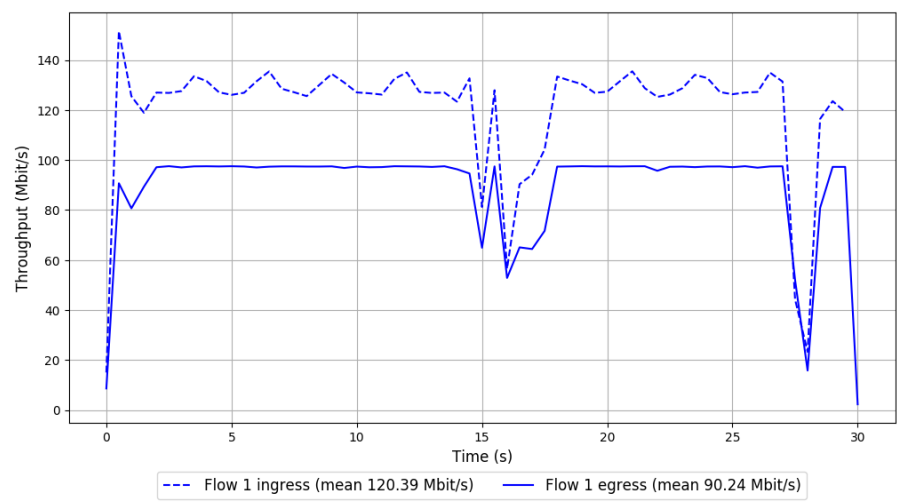
-- Flow 1:

Average throughput: 90.24 Mbit/s

95th percentile per-packet one-way delay: 86.289 ms

Loss rate: 25.04%

Run 2: Report of TCP BBR — Data Link

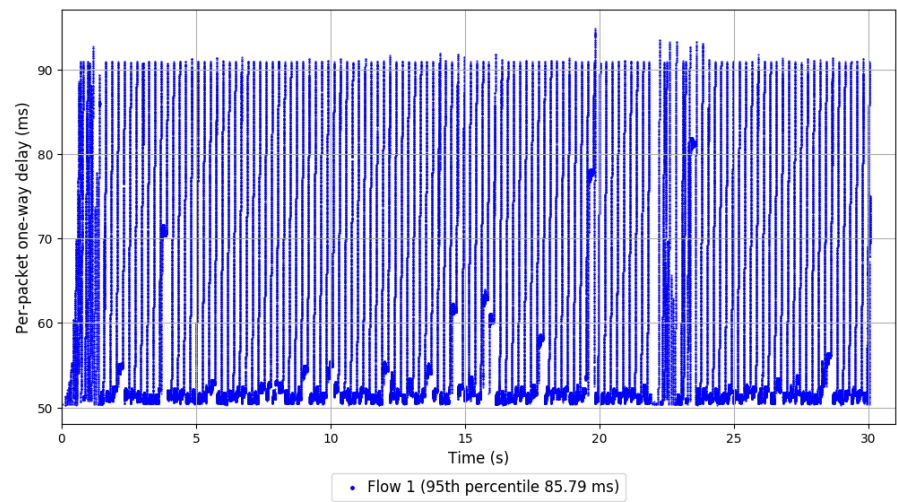
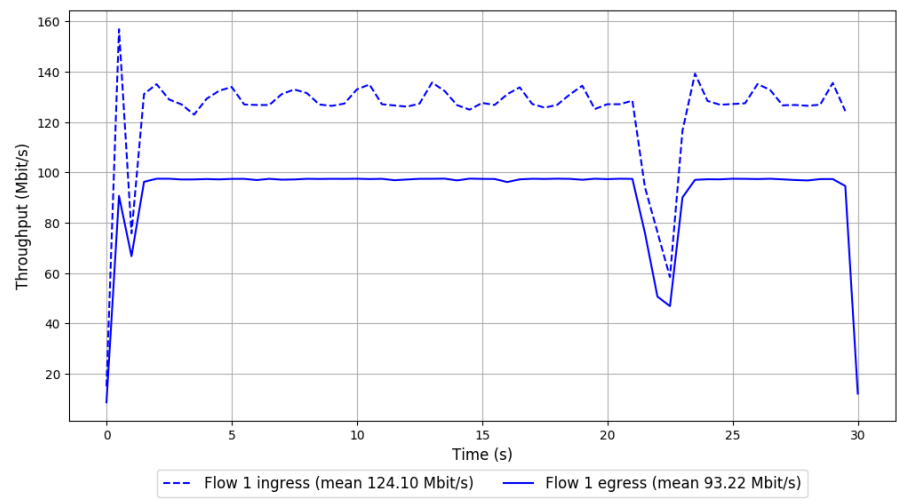


Run 3: Statistics of TCP BBR

Start at: 2017-09-21 13:19:07
End at: 2017-09-21 13:19:37
Local clock offset: 0.129 ms
Remote clock offset: -0.433 ms

Below is generated by plot.py at 2017-09-21 15:53:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 85.794 ms
Loss rate: 24.82%
-- Flow 1:
Average throughput: 93.22 Mbit/s
95th percentile per-packet one-way delay: 85.794 ms
Loss rate: 24.82%

Run 3: Report of TCP BBR — Data Link

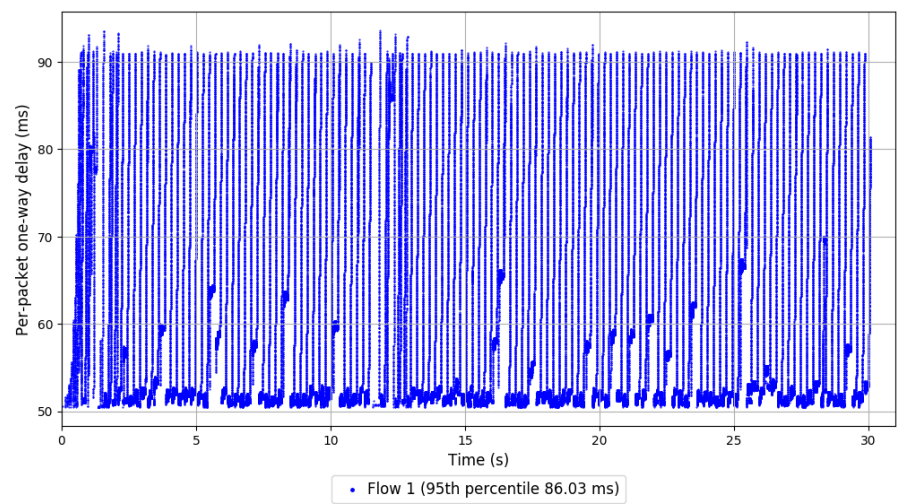
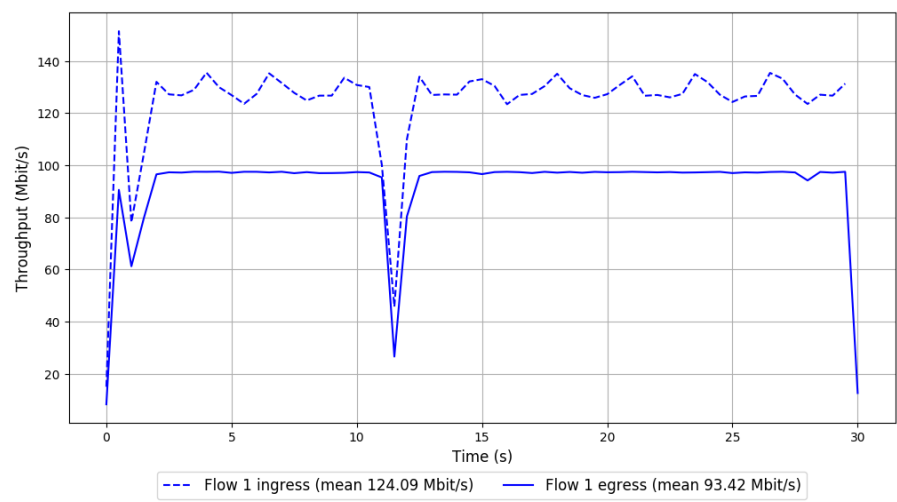


Run 4: Statistics of TCP BBR

Start at: 2017-09-21 13:37:51
End at: 2017-09-21 13:38:21
Local clock offset: 0.197 ms
Remote clock offset: -0.589 ms

Below is generated by plot.py at 2017-09-21 15:53:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 86.033 ms
Loss rate: 24.65%
-- Flow 1:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 86.033 ms
Loss rate: 24.65%

Run 4: Report of TCP BBR — Data Link

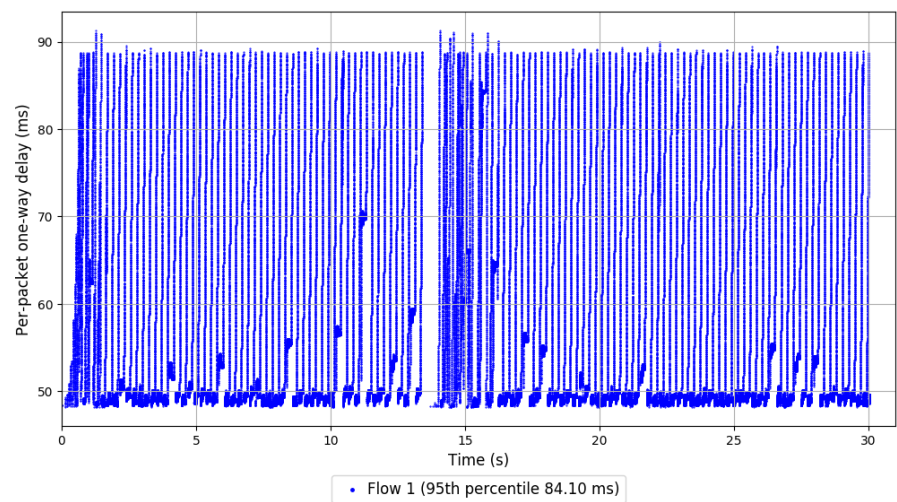
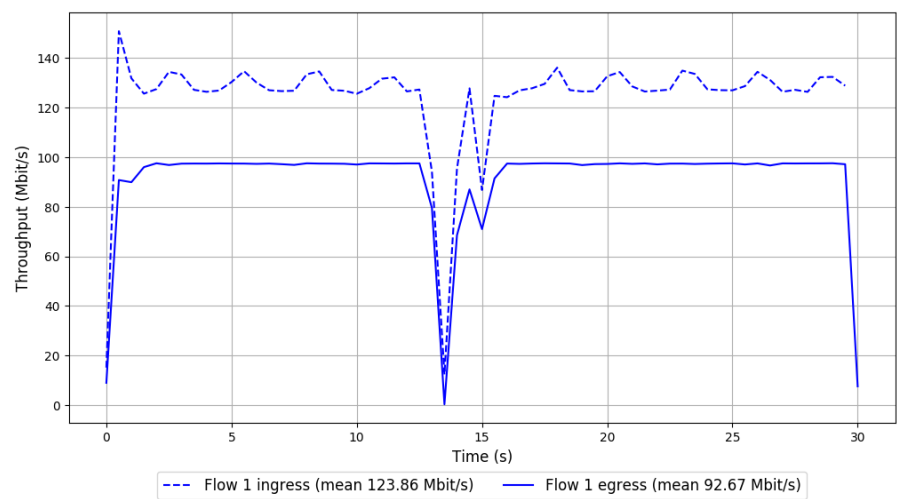


Run 5: Statistics of TCP BBR

Start at: 2017-09-21 13:56:40
End at: 2017-09-21 13:57:10
Local clock offset: 0.236 ms
Remote clock offset: -2.669 ms

Below is generated by plot.py at 2017-09-21 15:53:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 84.101 ms
Loss rate: 25.18%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 84.101 ms
Loss rate: 25.18%

Run 5: Report of TCP BBR — Data Link

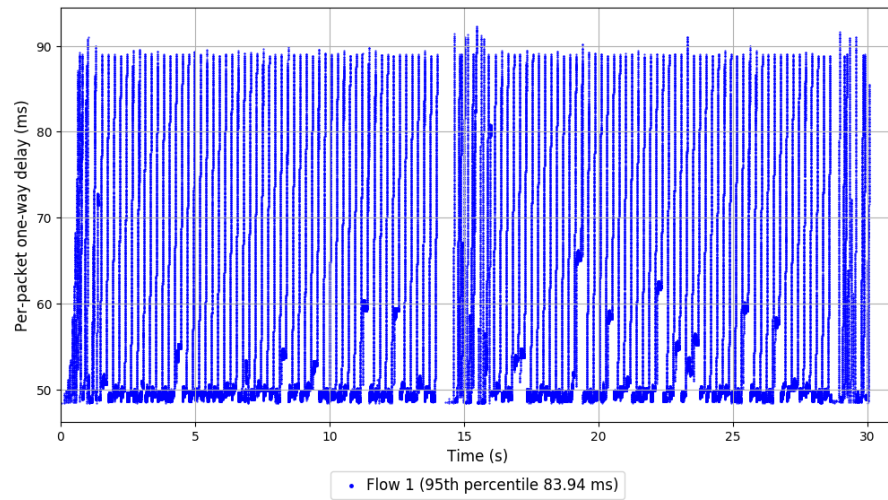
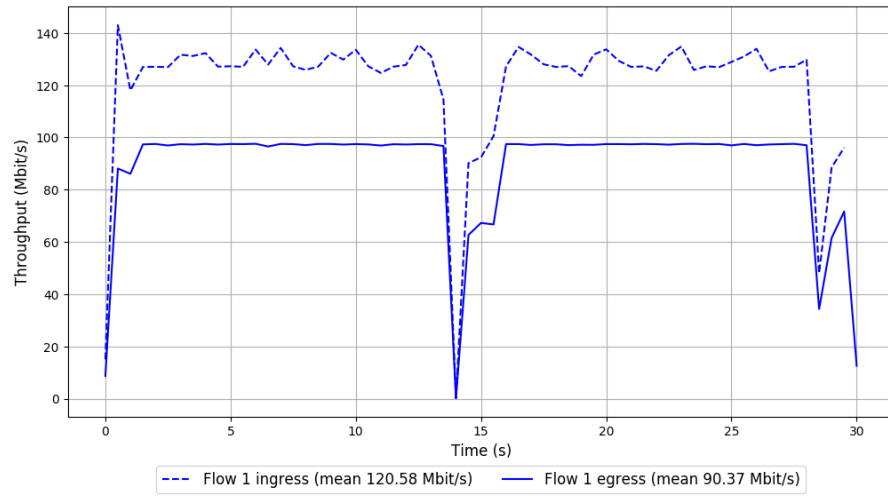


Run 6: Statistics of TCP BBR

Start at: 2017-09-21 14:15:25
End at: 2017-09-21 14:15:55
Local clock offset: 0.074 ms
Remote clock offset: -2.726 ms

Below is generated by plot.py at 2017-09-21 15:53:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 83.937 ms
Loss rate: 24.98%
-- Flow 1:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 83.937 ms
Loss rate: 24.98%

Run 6: Report of TCP BBR — Data Link

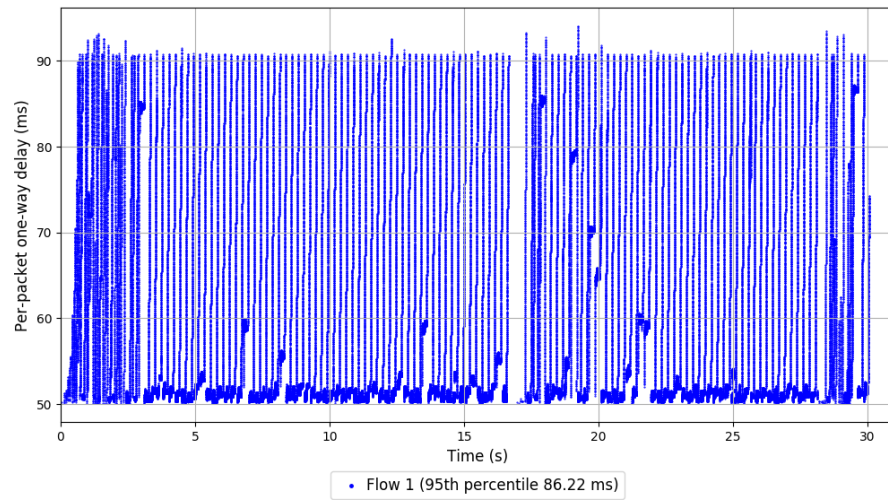
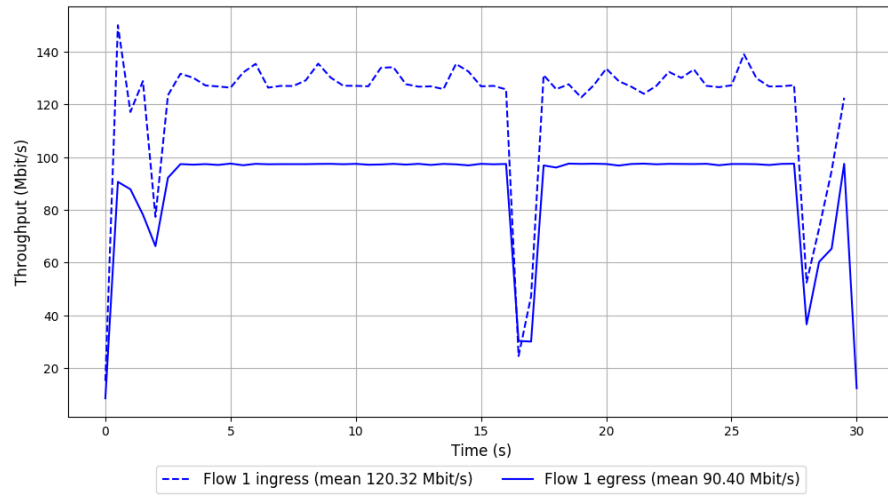


Run 7: Statistics of TCP BBR

Start at: 2017-09-21 14:34:08
End at: 2017-09-21 14:34:38
Local clock offset: 0.165 ms
Remote clock offset: -0.714 ms

Below is generated by plot.py at 2017-09-21 15:53:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 86.215 ms
Loss rate: 24.81%
-- Flow 1:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 86.215 ms
Loss rate: 24.81%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-09-21 14:52:53

End at: 2017-09-21 14:53:23

Local clock offset: 0.174 ms

Remote clock offset: -2.769 ms

Below is generated by plot.py at 2017-09-21 15:53:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.25 Mbit/s

95th percentile per-packet one-way delay: 84.626 ms

Loss rate: 24.88%

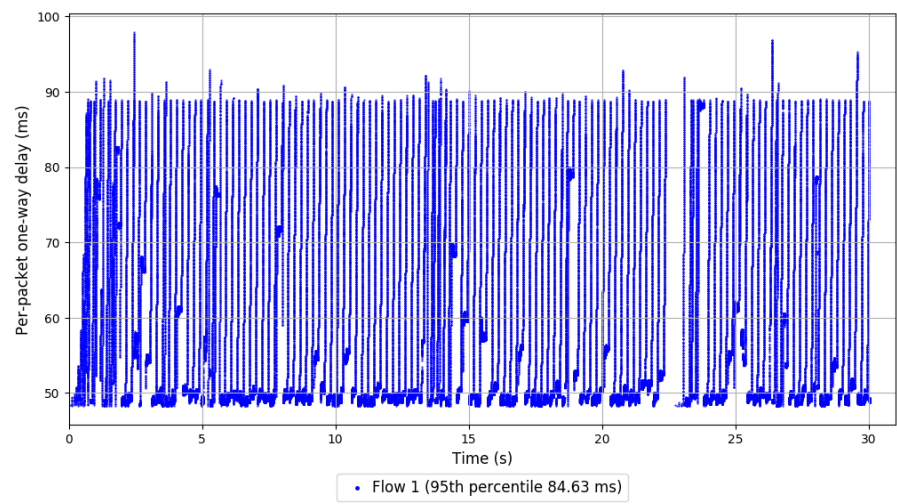
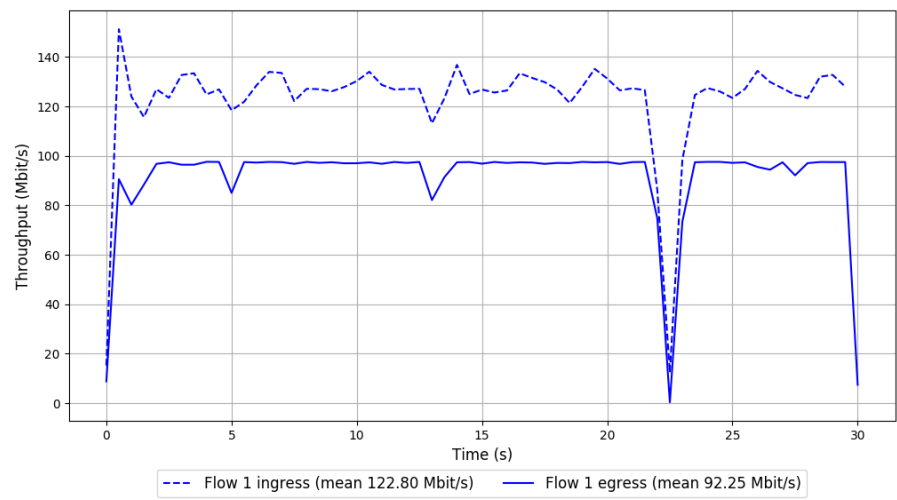
-- Flow 1:

Average throughput: 92.25 Mbit/s

95th percentile per-packet one-way delay: 84.626 ms

Loss rate: 24.88%

Run 8: Report of TCP BBR — Data Link

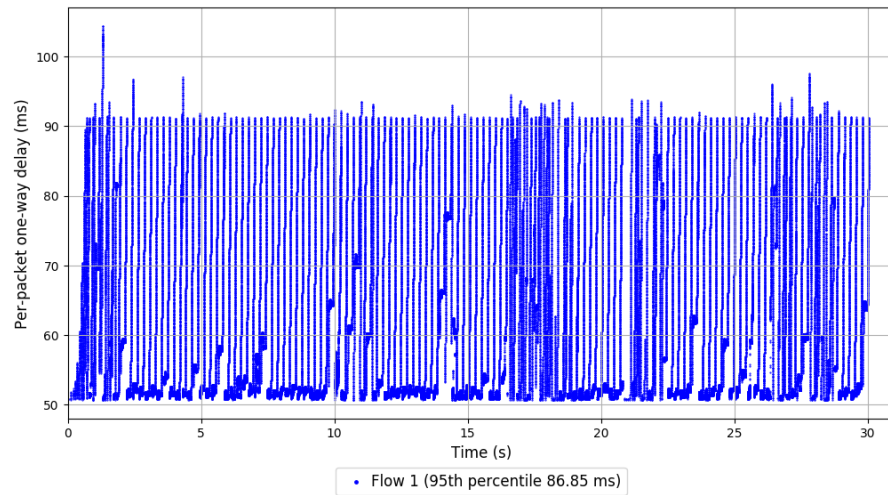
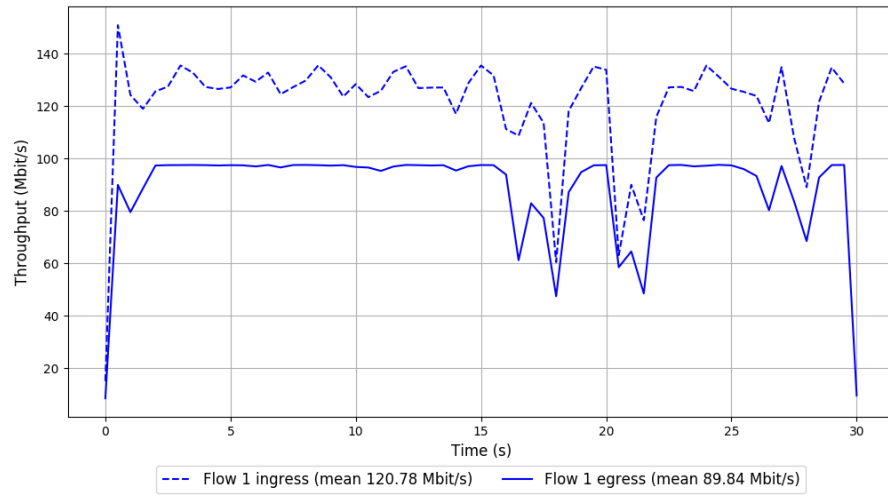


Run 9: Statistics of TCP BBR

Start at: 2017-09-21 15:11:41
End at: 2017-09-21 15:12:11
Local clock offset: 0.17 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2017-09-21 15:54:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 86.847 ms
Loss rate: 25.59%
-- Flow 1:
Average throughput: 89.84 Mbit/s
95th percentile per-packet one-way delay: 86.847 ms
Loss rate: 25.59%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-09-21 15:30:28

End at: 2017-09-21 15:30:58

Local clock offset: 0.158 ms

Remote clock offset: -0.687 ms

Below is generated by plot.py at 2017-09-21 15:54:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.51 Mbit/s

95th percentile per-packet one-way delay: 86.233 ms

Loss rate: 24.65%

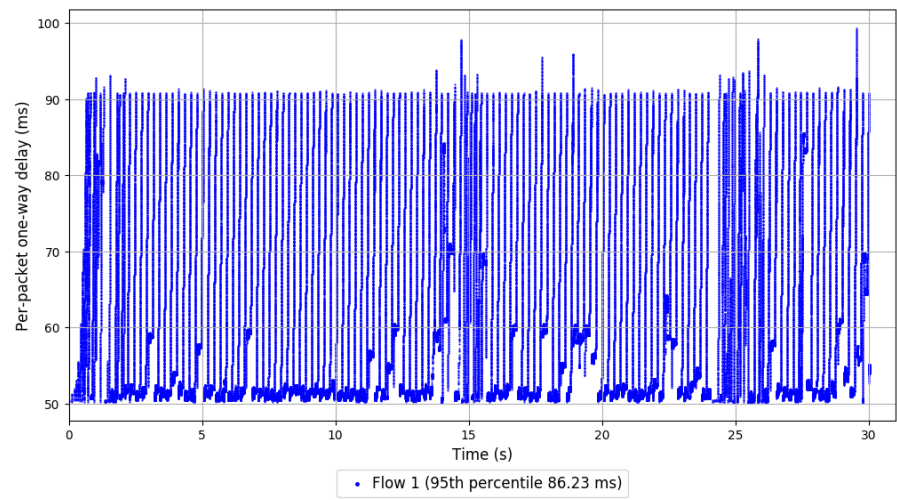
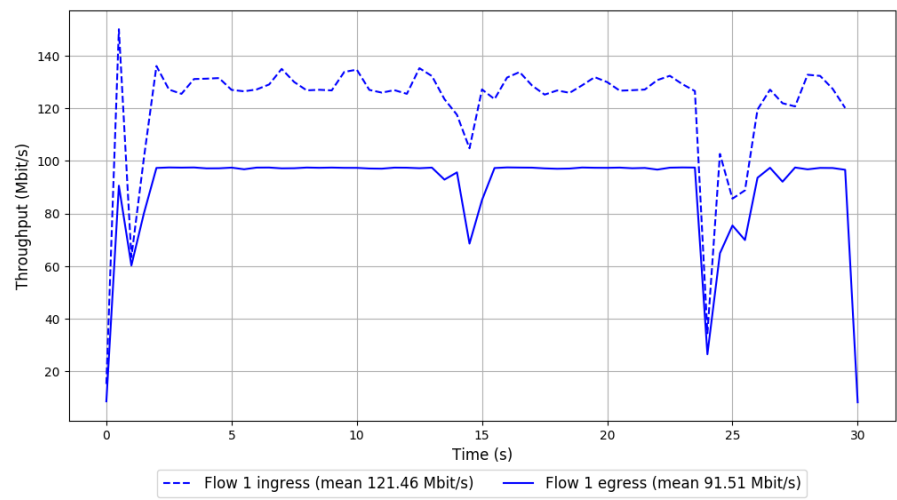
-- Flow 1:

Average throughput: 91.51 Mbit/s

95th percentile per-packet one-way delay: 86.233 ms

Loss rate: 24.65%

Run 10: Report of TCP BBR — Data Link

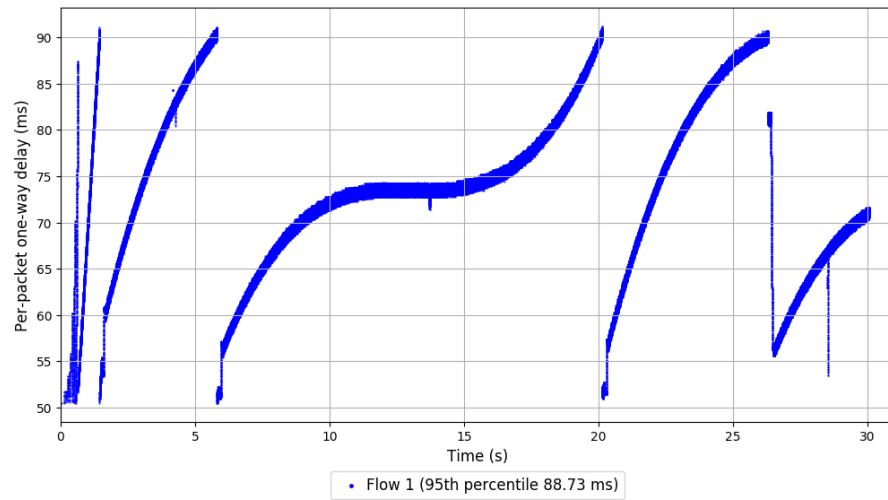
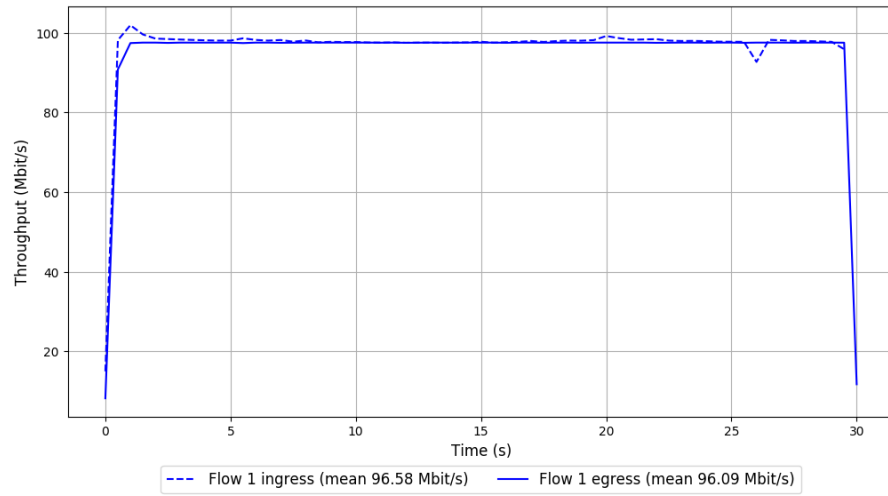


Run 1: Statistics of TCP Cubic

Start at: 2017-09-21 12:36:15
End at: 2017-09-21 12:36:45
Local clock offset: 0.271 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2017-09-21 15:54:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 88.733 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 88.733 ms
Loss rate: 0.44%

Run 1: Report of TCP Cubic — Data Link

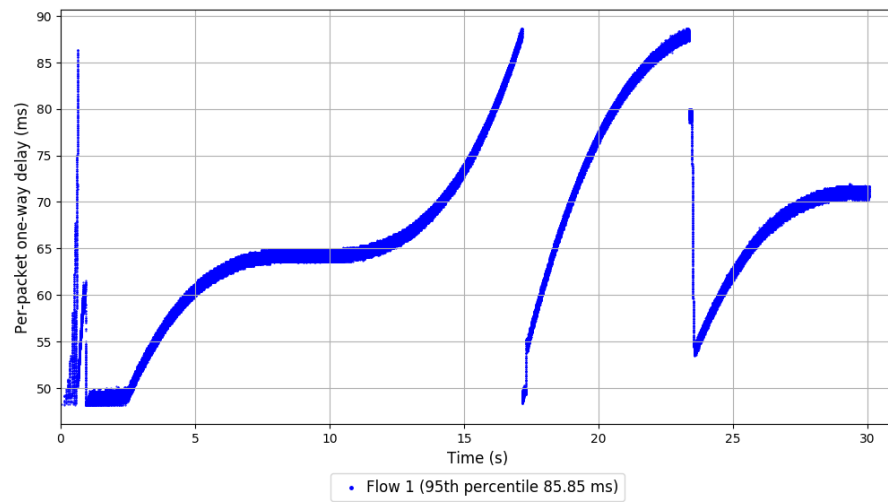
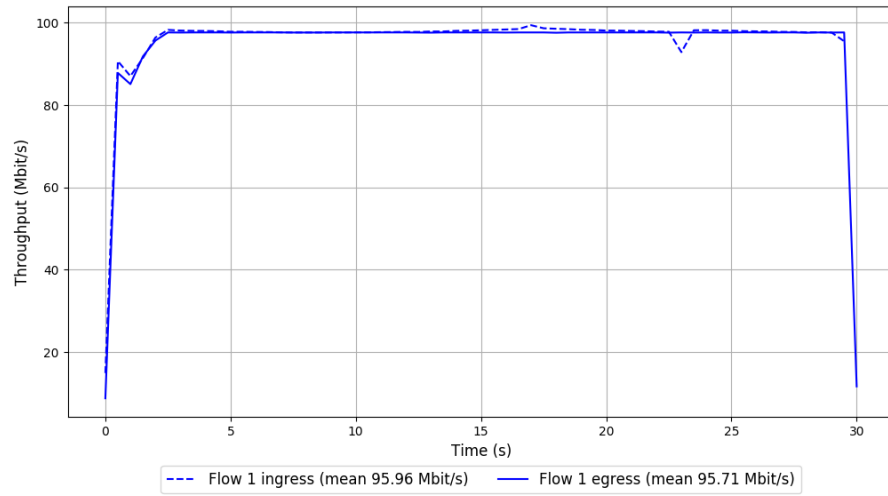


Run 2: Statistics of TCP Cubic

Start at: 2017-09-21 12:55:00
End at: 2017-09-21 12:55:30
Local clock offset: 0.241 ms
Remote clock offset: -2.299 ms

Below is generated by plot.py at 2017-09-21 15:54:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 85.853 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 85.853 ms
Loss rate: 0.19%

Run 2: Report of TCP Cubic — Data Link

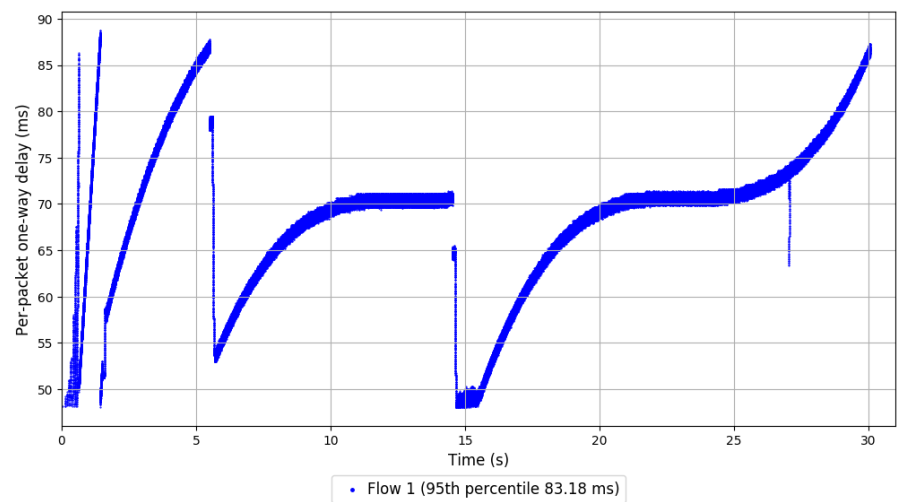
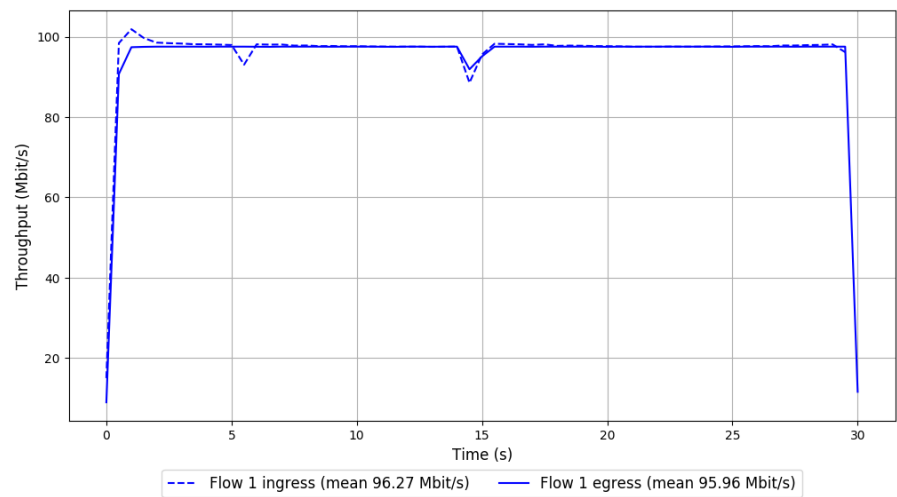


Run 3: Statistics of TCP Cubic

Start at: 2017-09-21 13:13:47
End at: 2017-09-21 13:14:17
Local clock offset: 0.23 ms
Remote clock offset: -2.524 ms

Below is generated by plot.py at 2017-09-21 15:54:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 83.183 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 83.183 ms
Loss rate: 0.25%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-09-21 13:32:31

End at: 2017-09-21 13:33:01

Local clock offset: 0.096 ms

Remote clock offset: -2.75 ms

Below is generated by plot.py at 2017-09-21 15:54:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.90 Mbit/s

95th percentile per-packet one-way delay: 83.182 ms

Loss rate: 0.23%

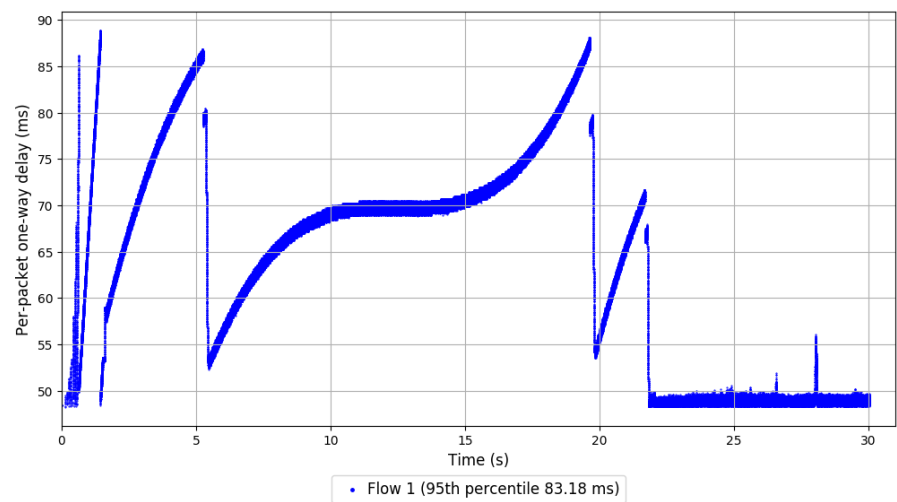
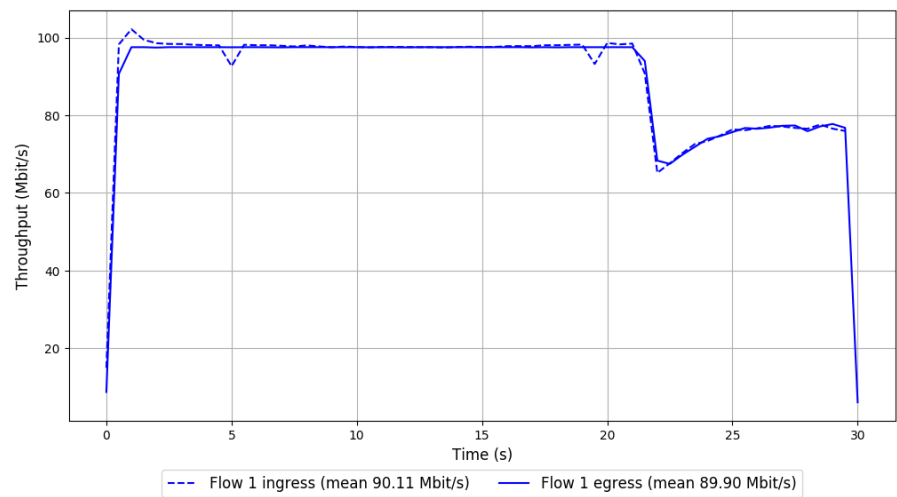
-- Flow 1:

Average throughput: 89.90 Mbit/s

95th percentile per-packet one-way delay: 83.182 ms

Loss rate: 0.23%

Run 4: Report of TCP Cubic — Data Link

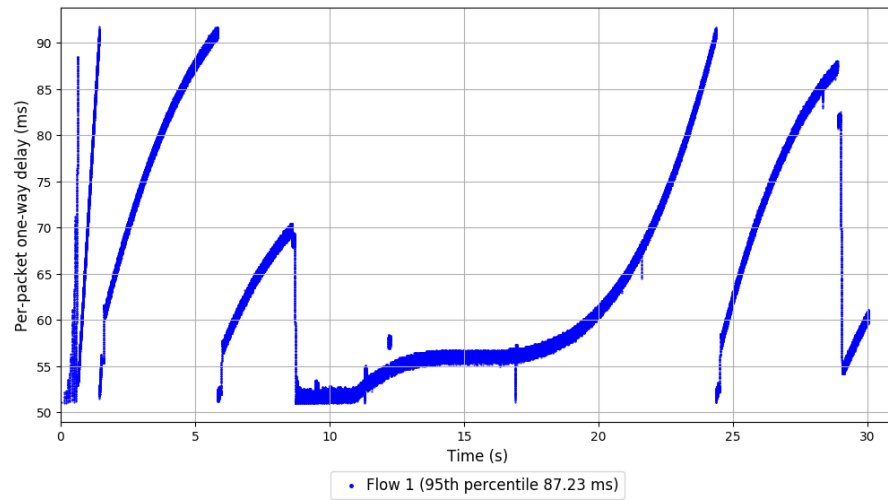
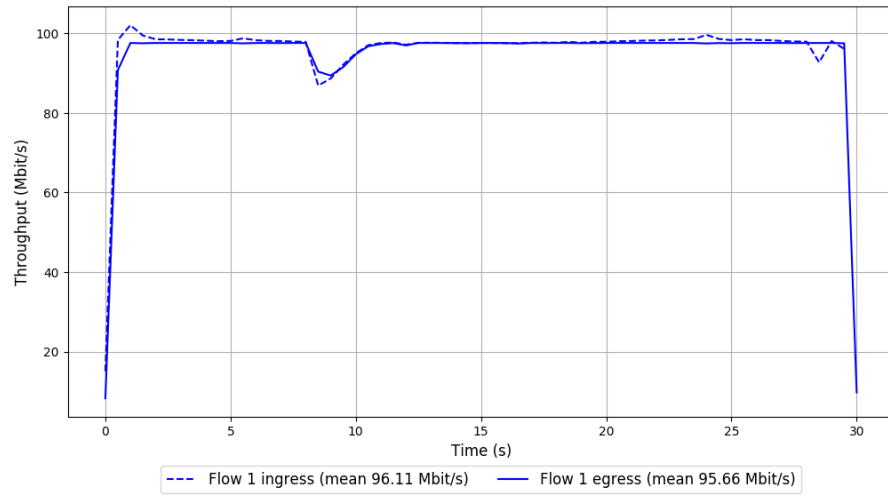


Run 5: Statistics of TCP Cubic

Start at: 2017-09-21 13:51:19
End at: 2017-09-21 13:51:49
Local clock offset: 0.122 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2017-09-21 15:54:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 87.227 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 87.227 ms
Loss rate: 0.44%

Run 5: Report of TCP Cubic — Data Link

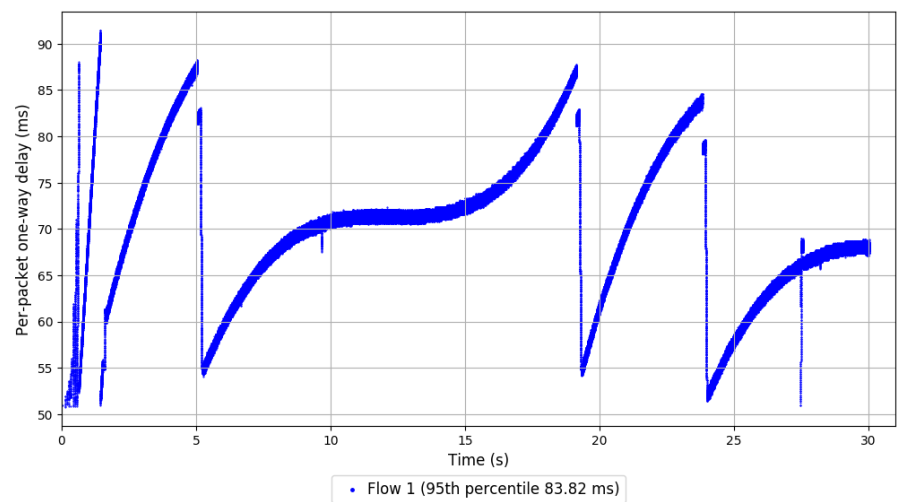
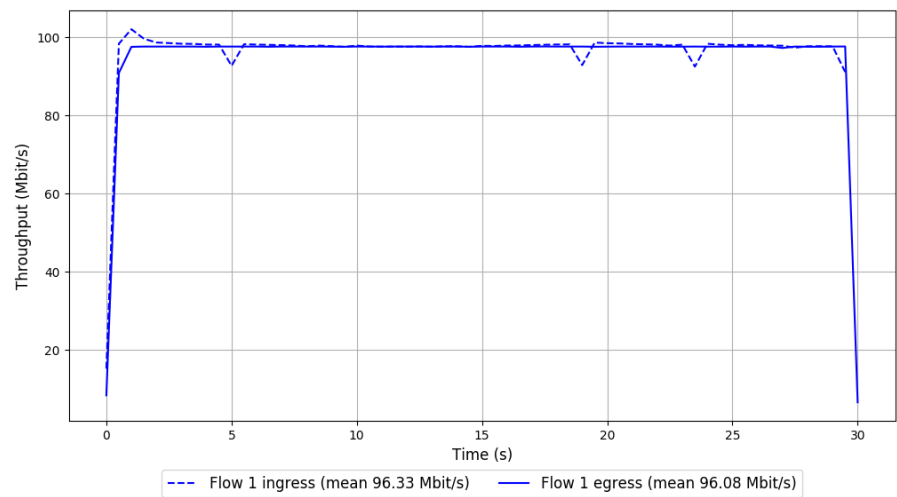


Run 6: Statistics of TCP Cubic

Start at: 2017-09-21 14:10:05
End at: 2017-09-21 14:10:35
Local clock offset: 0.104 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2017-09-21 15:54:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 83.824 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 83.824 ms
Loss rate: 0.20%

Run 6: Report of TCP Cubic — Data Link

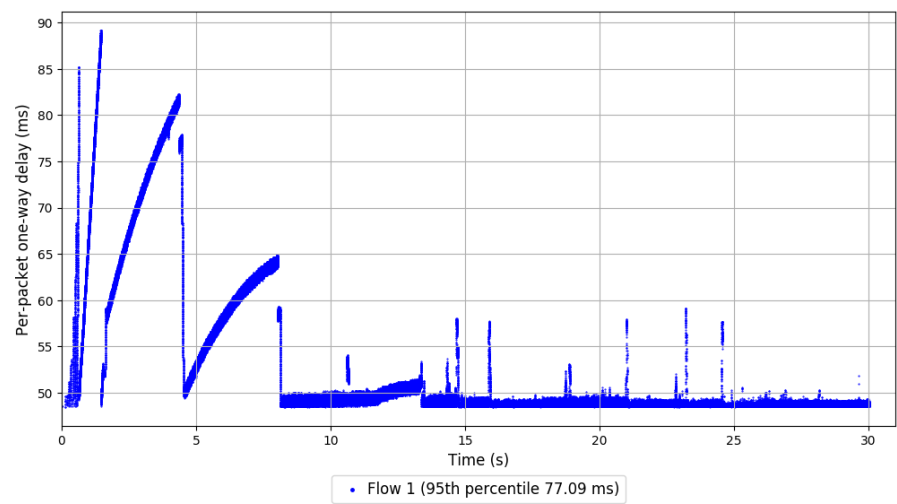
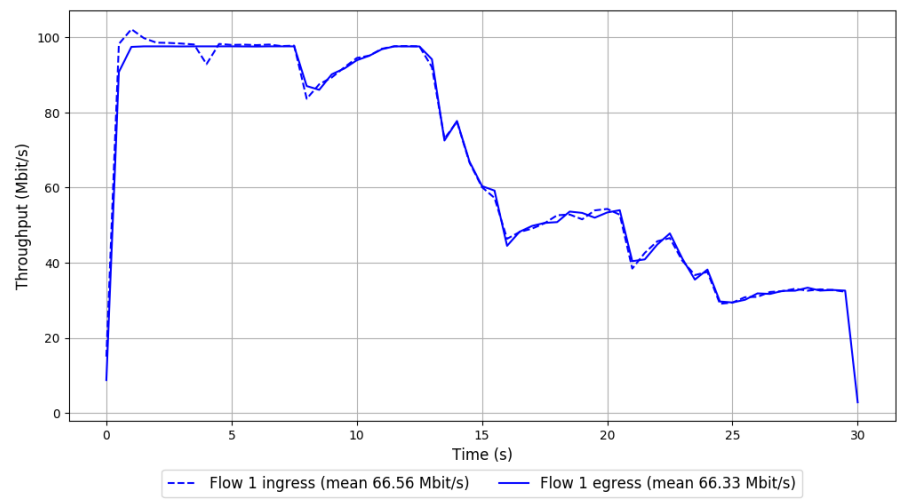


Run 7: Statistics of TCP Cubic

Start at: 2017-09-21 14:28:50
End at: 2017-09-21 14:29:20
Local clock offset: 0.069 ms
Remote clock offset: -2.664 ms

Below is generated by plot.py at 2017-09-21 15:55:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 77.089 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 77.089 ms
Loss rate: 0.34%

Run 7: Report of TCP Cubic — Data Link

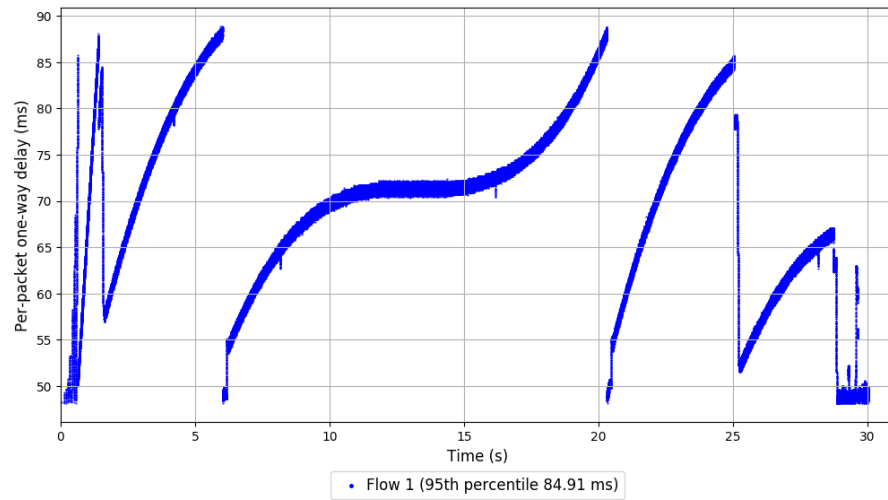
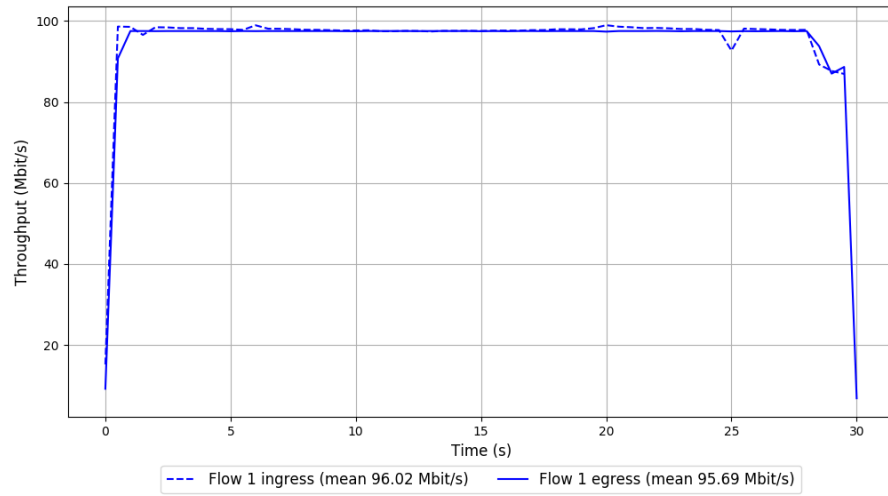


Run 8: Statistics of TCP Cubic

Start at: 2017-09-21 14:47:33
End at: 2017-09-21 14:48:03
Local clock offset: 0.067 ms
Remote clock offset: -2.819 ms

Below is generated by plot.py at 2017-09-21 15:56:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 84.910 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 84.910 ms
Loss rate: 0.33%

Run 8: Report of TCP Cubic — Data Link

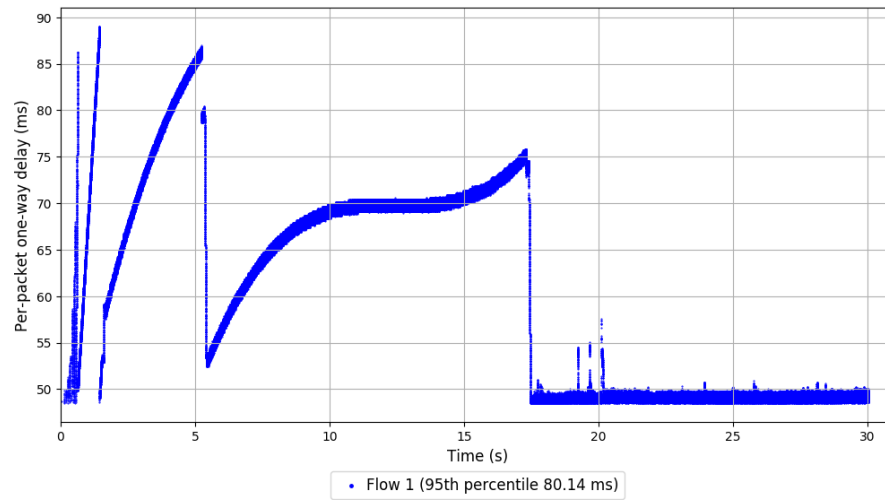
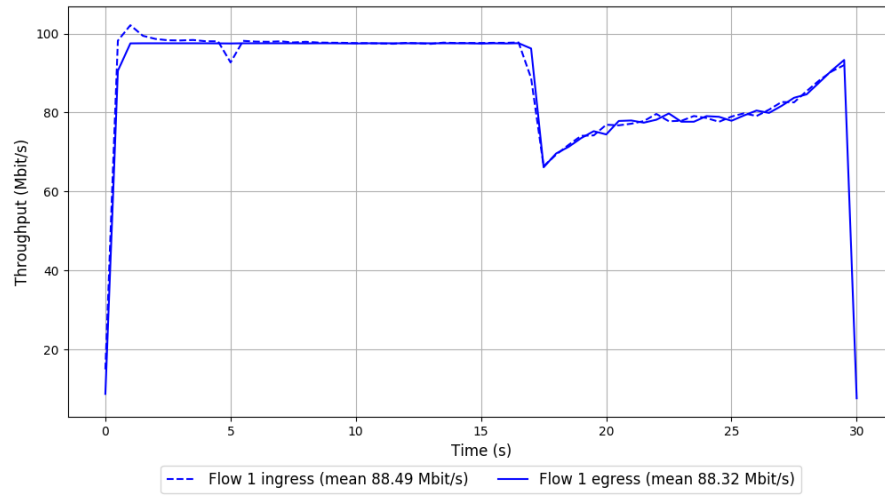


Run 9: Statistics of TCP Cubic

Start at: 2017-09-21 15:06:20
End at: 2017-09-21 15:06:50
Local clock offset: 0.072 ms
Remote clock offset: -2.756 ms

Below is generated by plot.py at 2017-09-21 15:56:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 80.135 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 80.135 ms
Loss rate: 0.19%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-21 15:25:08

End at: 2017-09-21 15:25:38

Local clock offset: 0.156 ms

Remote clock offset: -2.821 ms

Below is generated by plot.py at 2017-09-21 15:56:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 82.190 ms

Loss rate: 0.10%

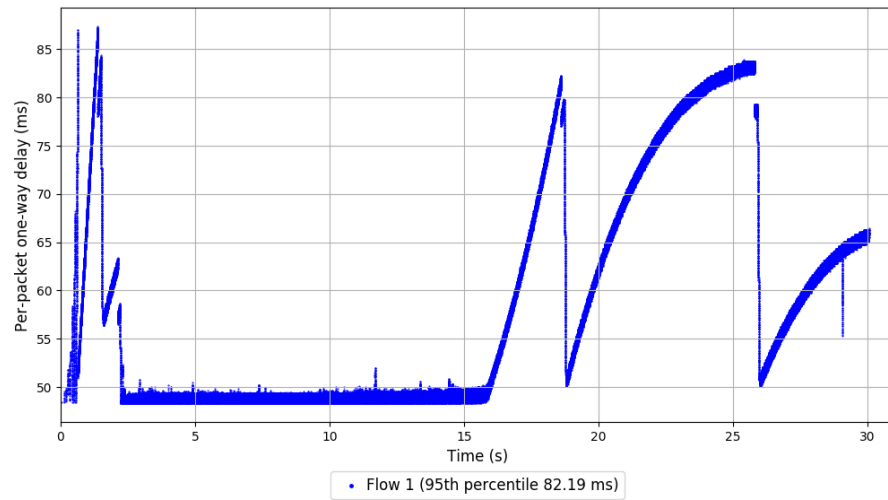
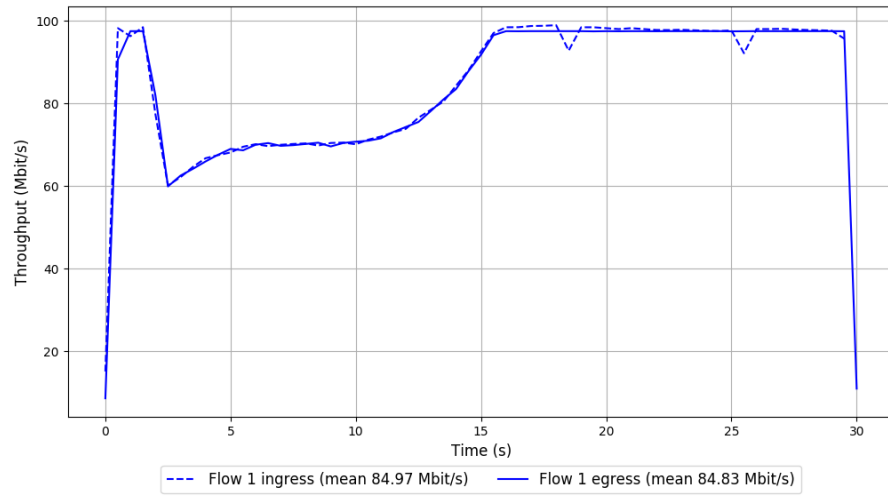
-- Flow 1:

Average throughput: 84.83 Mbit/s

95th percentile per-packet one-way delay: 82.190 ms

Loss rate: 0.10%

Run 10: Report of TCP Cubic — Data Link

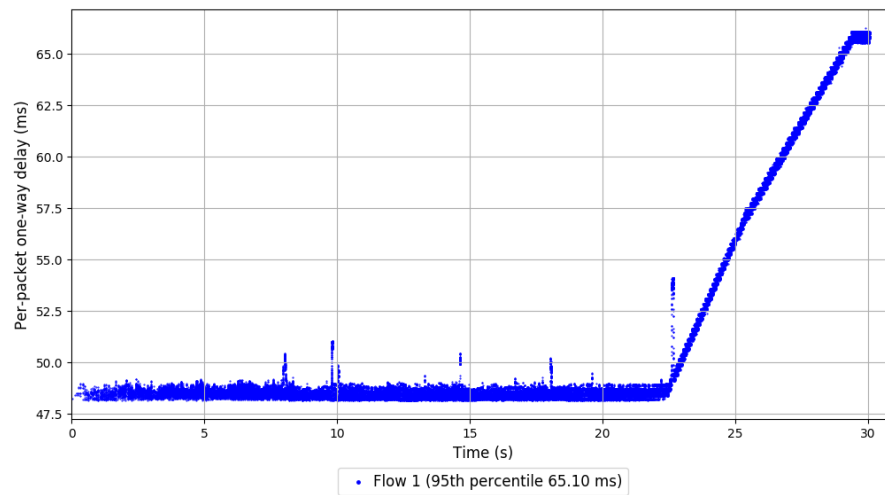
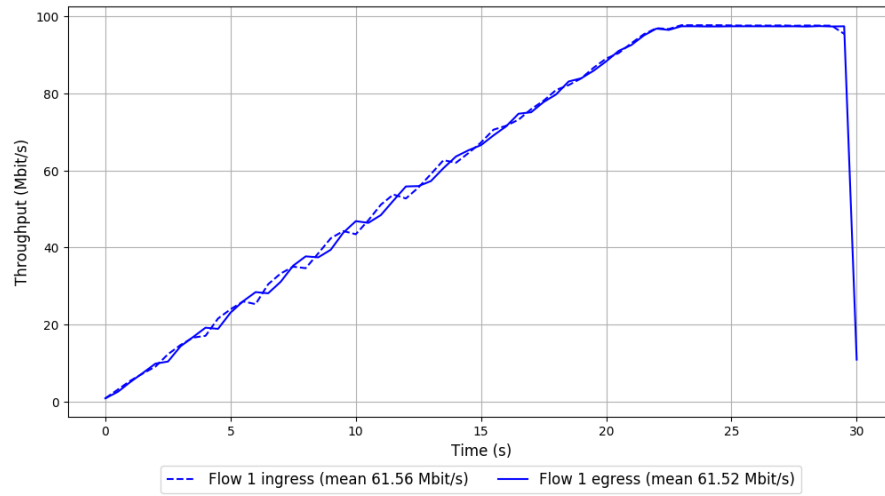


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-21 12:29:27
End at: 2017-09-21 12:29:58
Local clock offset: 0.254 ms
Remote clock offset: -2.121 ms

# Below is generated by plot.py at 2017-09-21 15:56:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 65.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 65.099 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

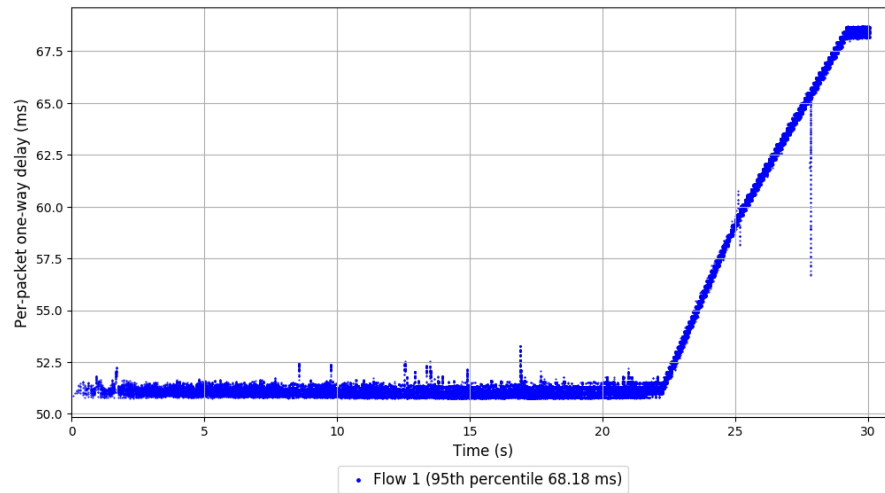
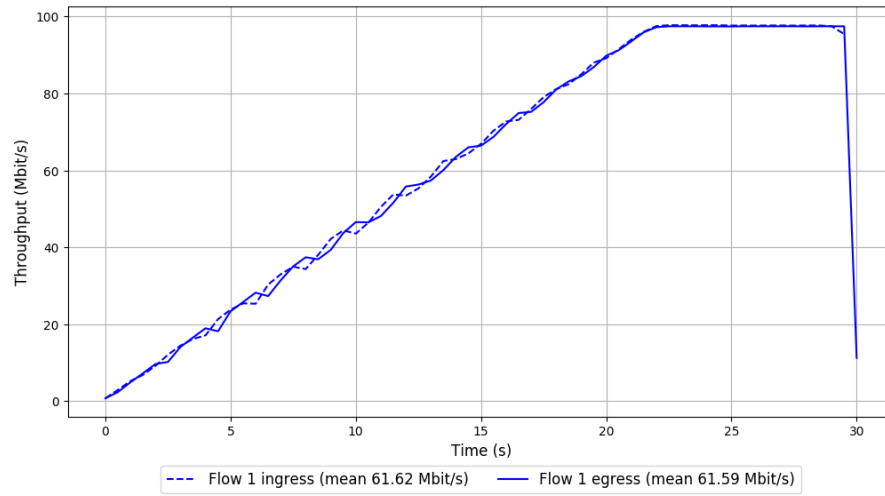


```
Run 2: Statistics of LEDBAT

Start at: 2017-09-21 12:48:14
End at: 2017-09-21 12:48:44
Local clock offset: 0.166 ms
Remote clock offset: 0.267 ms

# Below is generated by plot.py at 2017-09-21 15:56:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.59 Mbit/s
95th percentile per-packet one-way delay: 68.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.59 Mbit/s
95th percentile per-packet one-way delay: 68.179 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

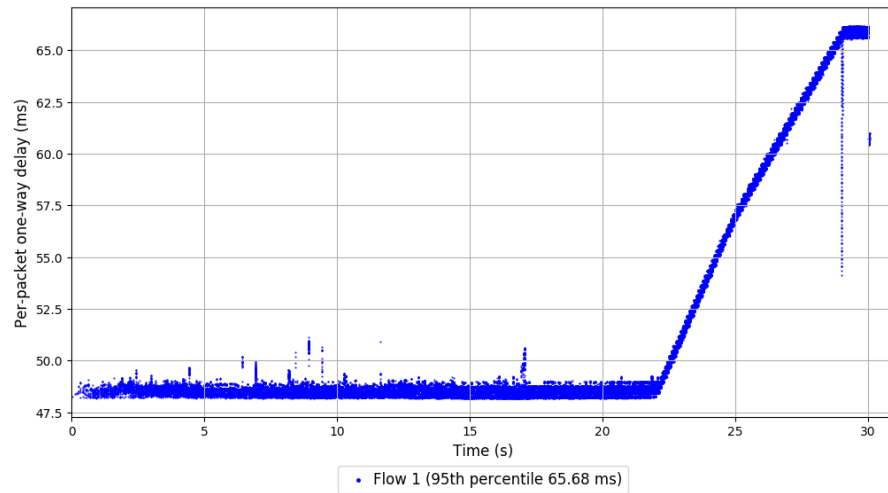
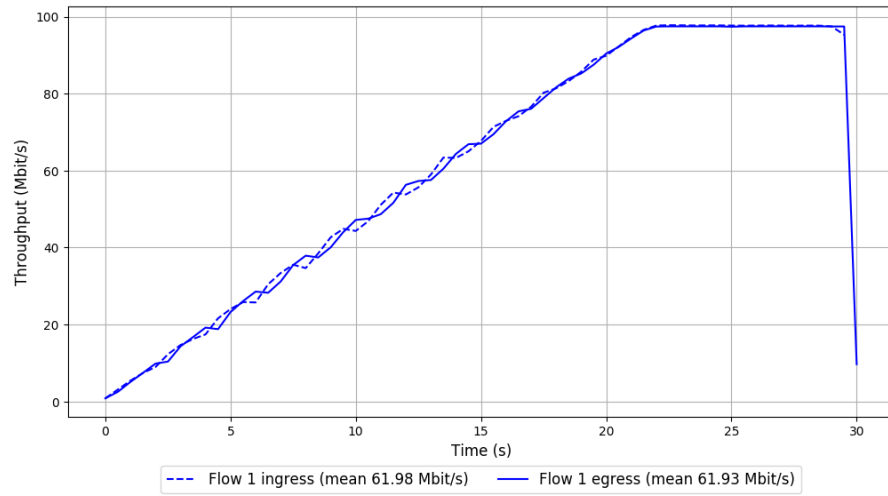


Run 3: Statistics of LEDBAT

Start at: 2017-09-21 13:07:00
End at: 2017-09-21 13:07:31
Local clock offset: 0.22 ms
Remote clock offset: -2.382 ms

Below is generated by plot.py at 2017-09-21 15:56:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.93 Mbit/s
95th percentile per-packet one-way delay: 65.676 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 61.93 Mbit/s
95th percentile per-packet one-way delay: 65.676 ms
Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link

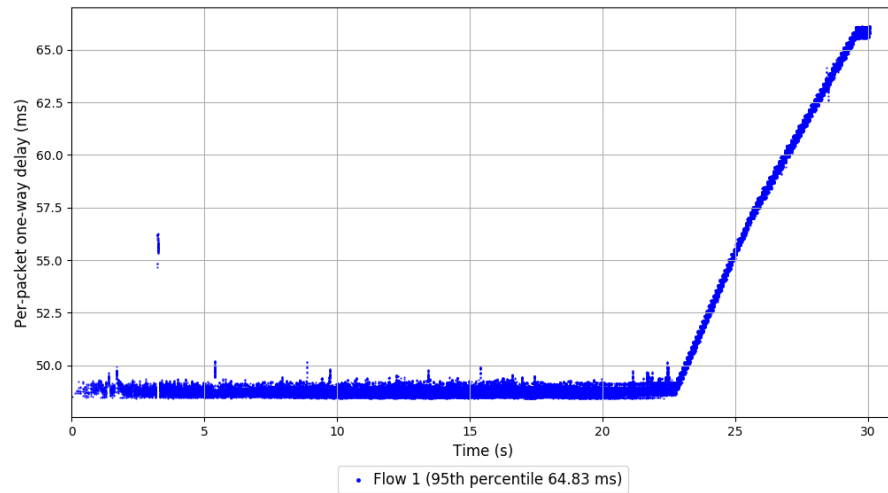
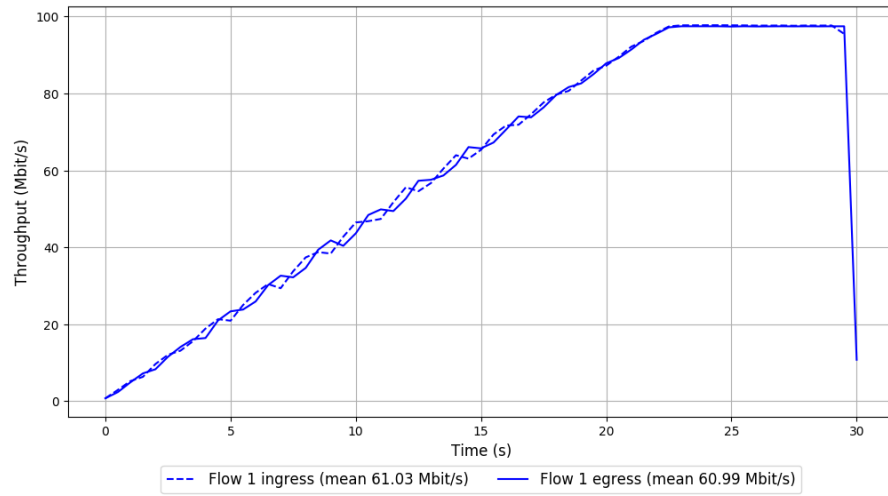


Run 4: Statistics of LEDBAT

Start at: 2017-09-21 13:25:45
End at: 2017-09-21 13:26:15
Local clock offset: 0.111 ms
Remote clock offset: -2.622 ms

Below is generated by plot.py at 2017-09-21 15:56:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.99 Mbit/s
95th percentile per-packet one-way delay: 64.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.99 Mbit/s
95th percentile per-packet one-way delay: 64.826 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

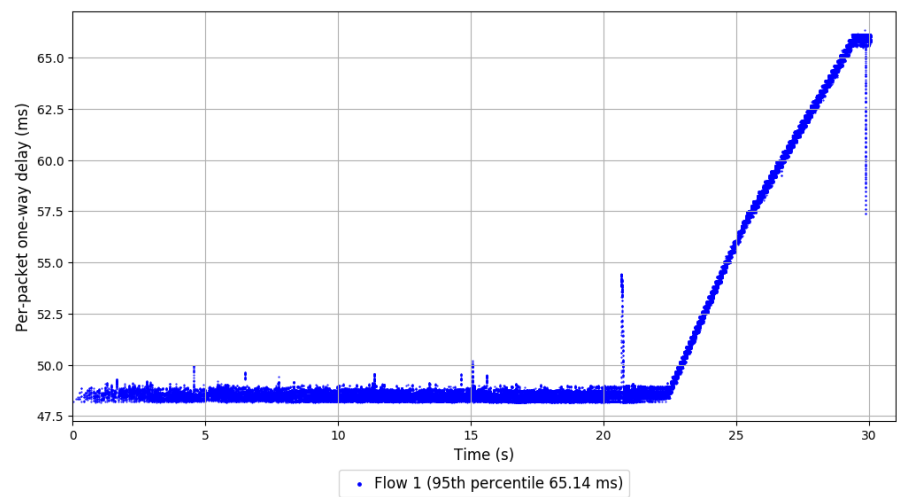
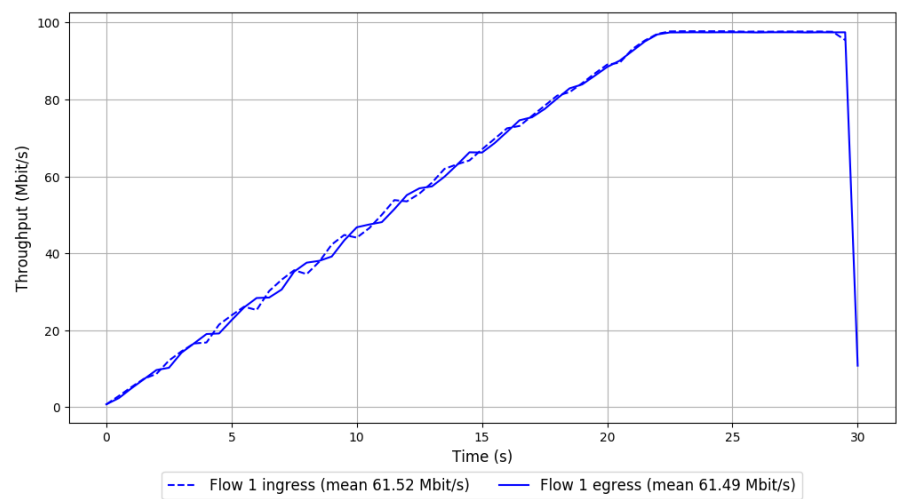


Run 5: Statistics of LEDBAT

Start at: 2017-09-21 13:44:30
End at: 2017-09-21 13:45:00
Local clock offset: 0.217 ms
Remote clock offset: -2.667 ms

Below is generated by plot.py at 2017-09-21 15:56:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 65.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.49 Mbit/s
95th percentile per-packet one-way delay: 65.138 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-09-21 14:03:21

End at: 2017-09-21 14:03:51

Local clock offset: 0.108 ms

Remote clock offset: -2.65 ms

Below is generated by plot.py at 2017-09-21 15:56:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.43 Mbit/s

95th percentile per-packet one-way delay: 49.211 ms

Loss rate: 0.00%

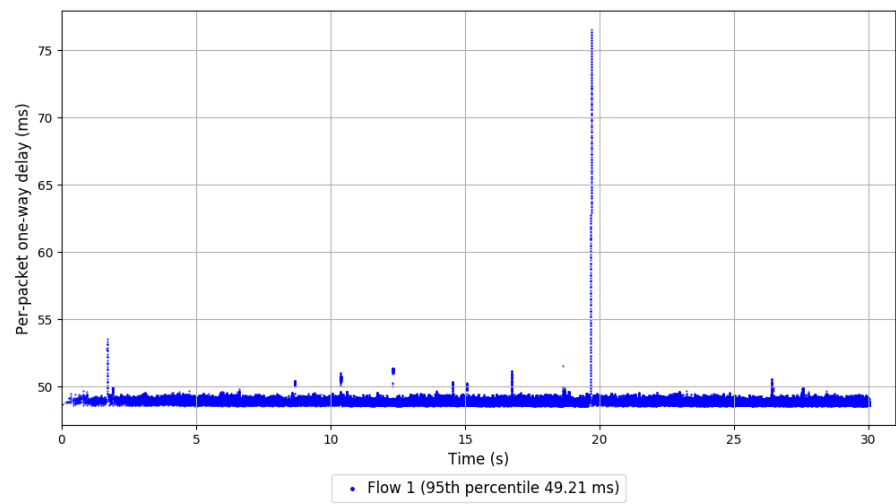
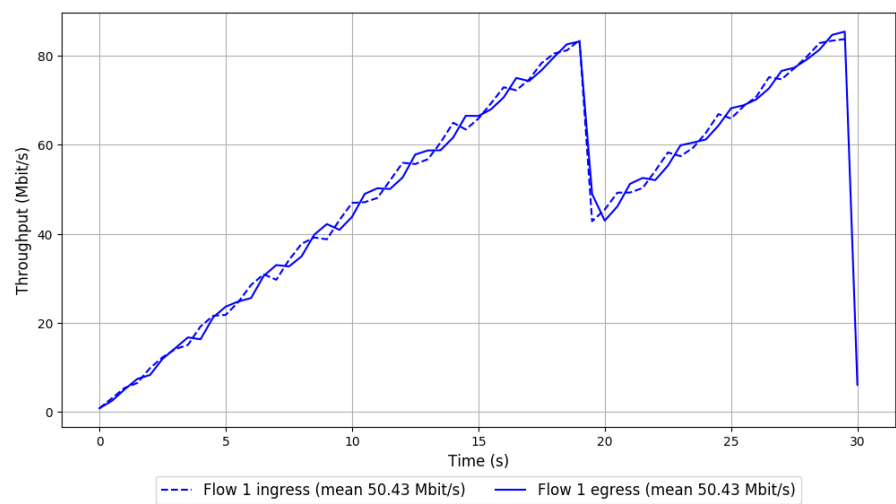
-- Flow 1:

Average throughput: 50.43 Mbit/s

95th percentile per-packet one-way delay: 49.211 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

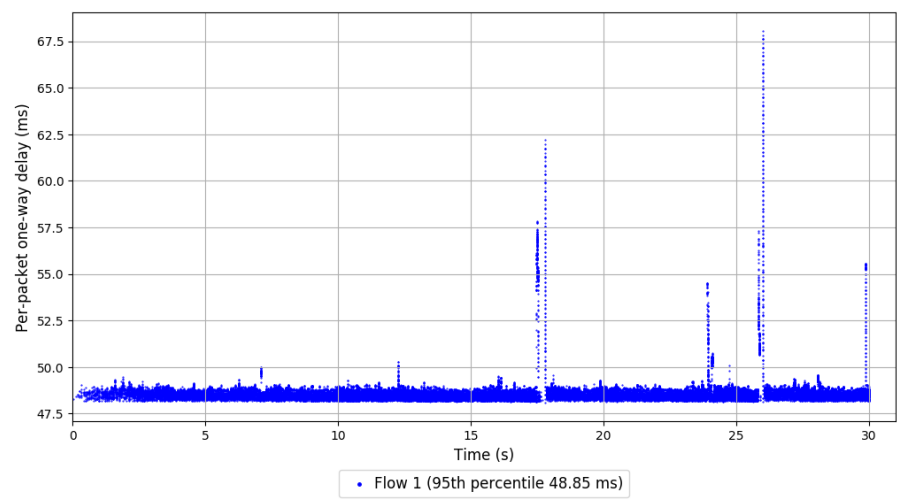
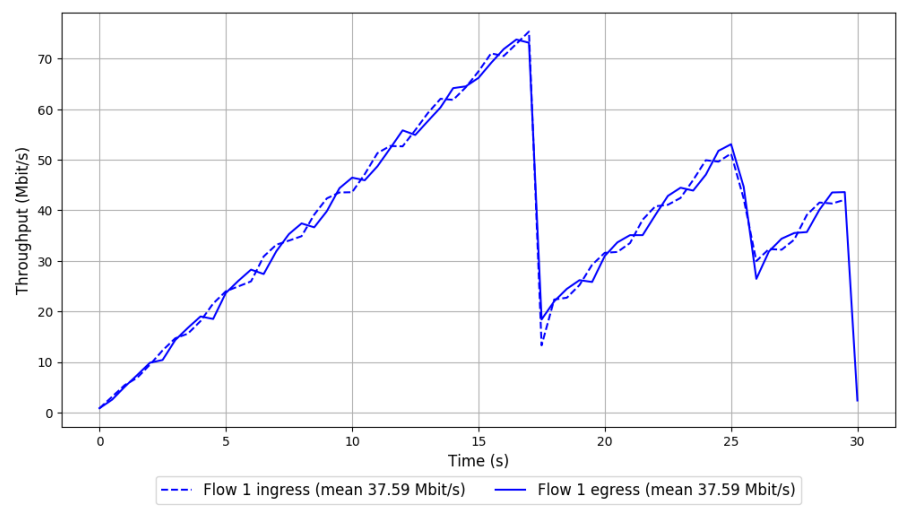


Run 7: Statistics of LEDBAT

Start at: 2017-09-21 14:22:05
End at: 2017-09-21 14:22:35
Local clock offset: 0.161 ms
Remote clock offset: -2.706 ms

Below is generated by plot.py at 2017-09-21 15:56:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.59 Mbit/s
95th percentile per-packet one-way delay: 48.855 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.59 Mbit/s
95th percentile per-packet one-way delay: 48.855 ms
Loss rate: 0.02%

Run 7: Report of LEDBAT — Data Link

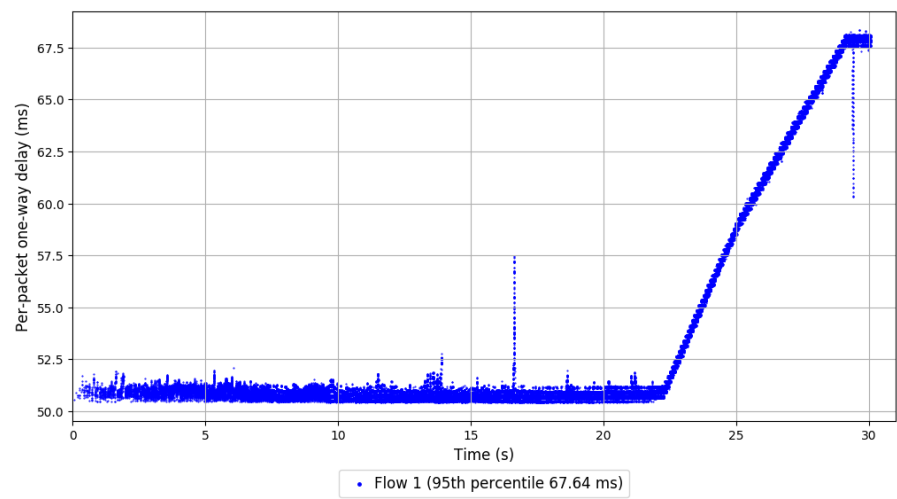
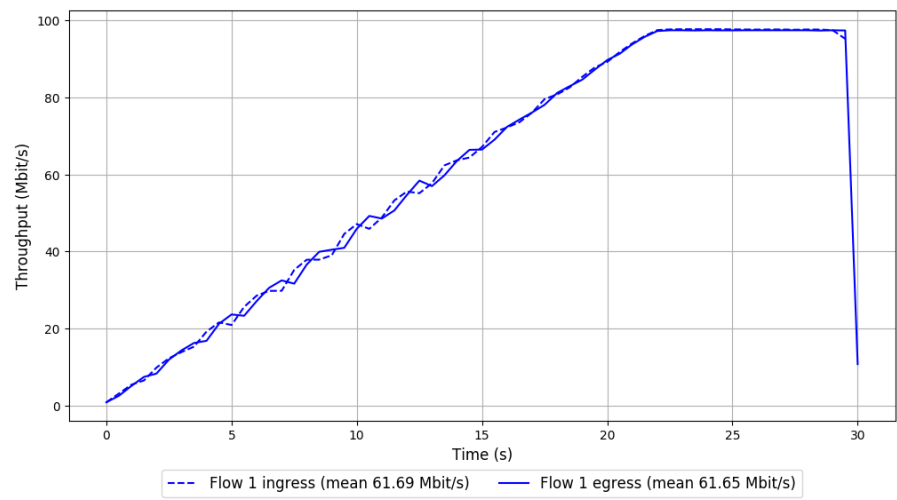


Run 8: Statistics of LEDBAT

Start at: 2017-09-21 14:40:48
End at: 2017-09-21 14:41:18
Local clock offset: 0.168 ms
Remote clock offset: -0.641 ms

Below is generated by plot.py at 2017-09-21 15:56:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 67.636 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.65 Mbit/s
95th percentile per-packet one-way delay: 67.636 ms
Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link

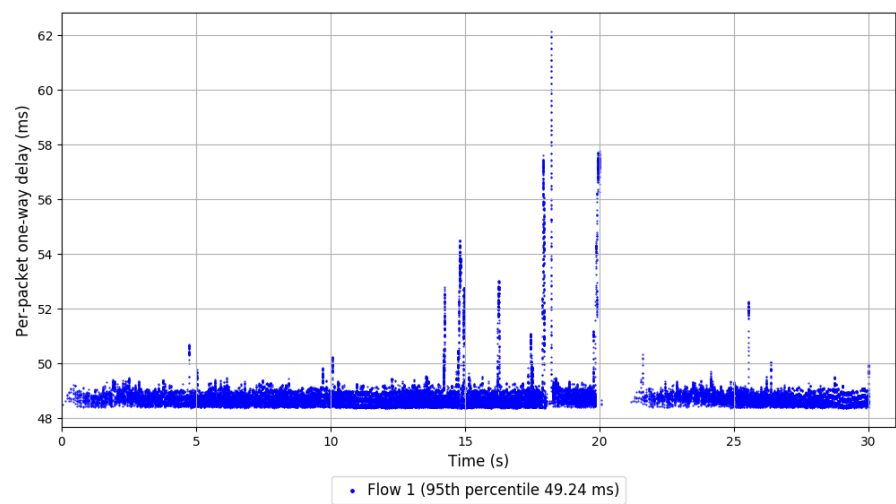
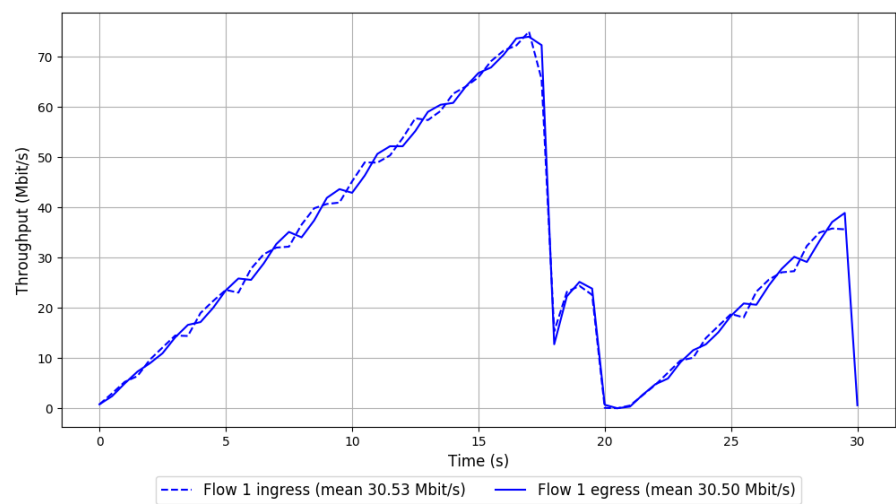


Run 9: Statistics of LEDBAT

Start at: 2017-09-21 14:59:29
End at: 2017-09-21 14:59:59
Local clock offset: 0.058 ms
Remote clock offset: -2.807 ms

Below is generated by plot.py at 2017-09-21 15:56:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 49.242 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 30.50 Mbit/s
95th percentile per-packet one-way delay: 49.242 ms
Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link

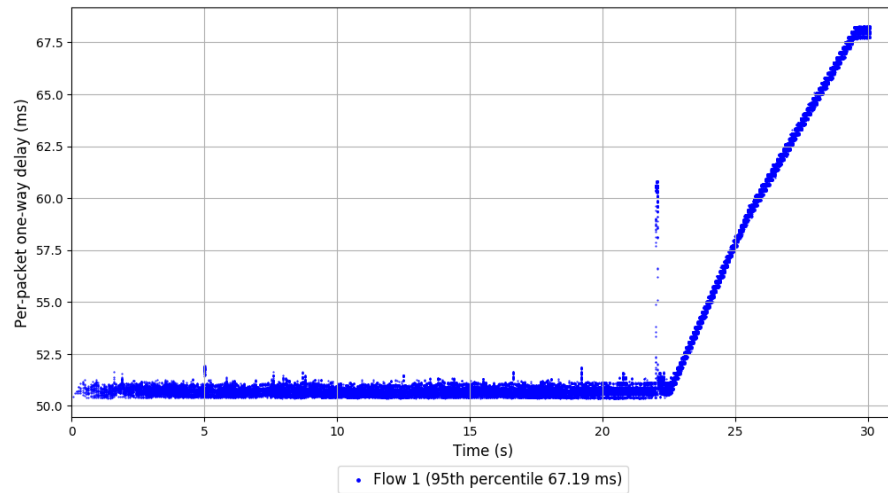
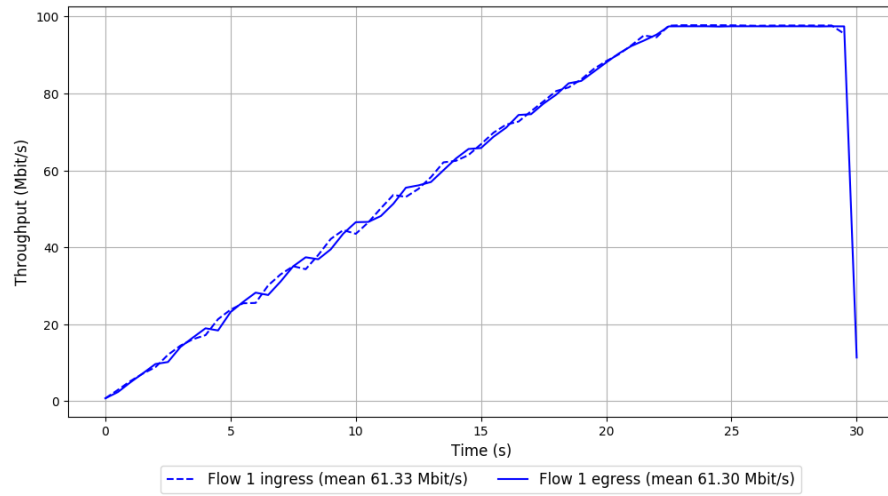


Run 10: Statistics of LEDBAT

Start at: 2017-09-21 15:18:21
End at: 2017-09-21 15:18:51
Local clock offset: 0.042 ms
Remote clock offset: -0.674 ms

Below is generated by plot.py at 2017-09-21 15:56:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.30 Mbit/s
95th percentile per-packet one-way delay: 67.185 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.30 Mbit/s
95th percentile per-packet one-way delay: 67.185 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

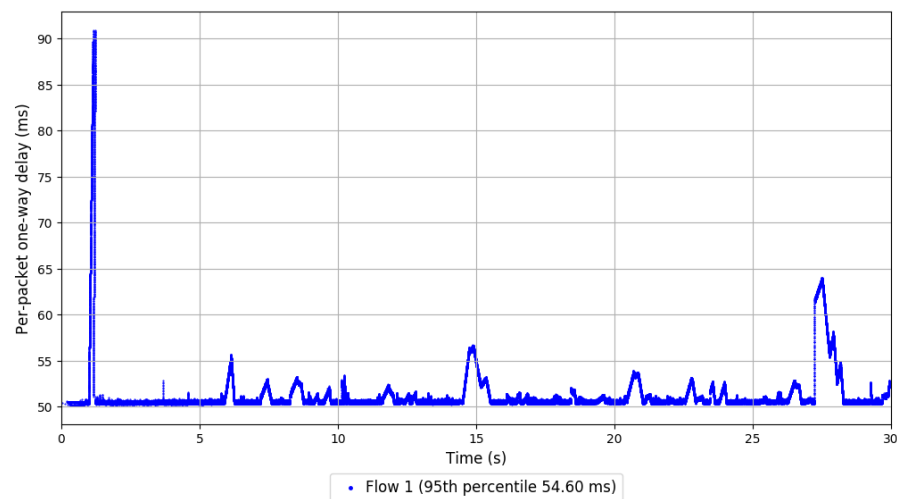
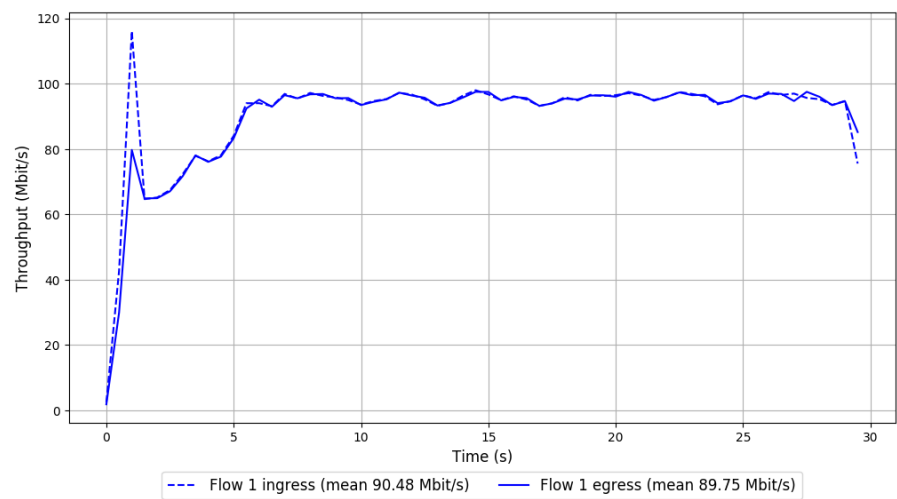


Run 1: Statistics of PCC

Start at: 2017-09-21 12:33:32
End at: 2017-09-21 12:34:02
Local clock offset: 0.278 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2017-09-21 15:57:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 54.604 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 89.75 Mbit/s
95th percentile per-packet one-way delay: 54.604 ms
Loss rate: 0.80%

Run 1: Report of PCC — Data Link

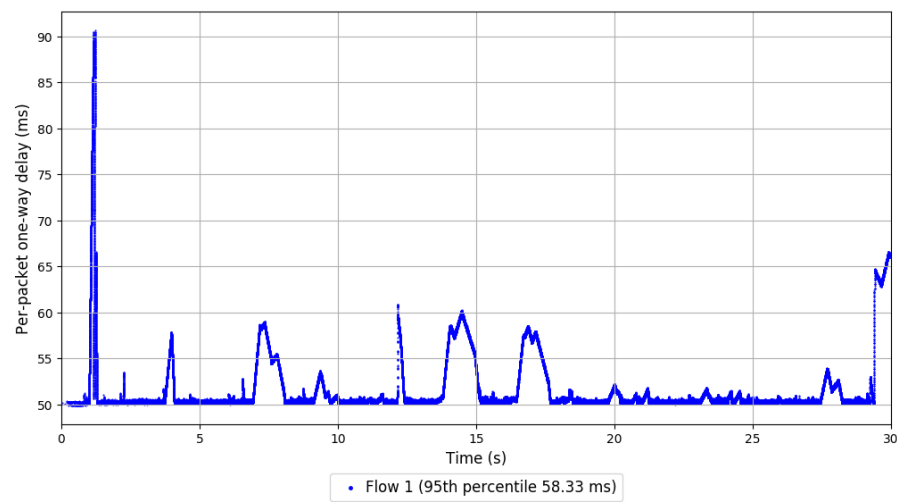
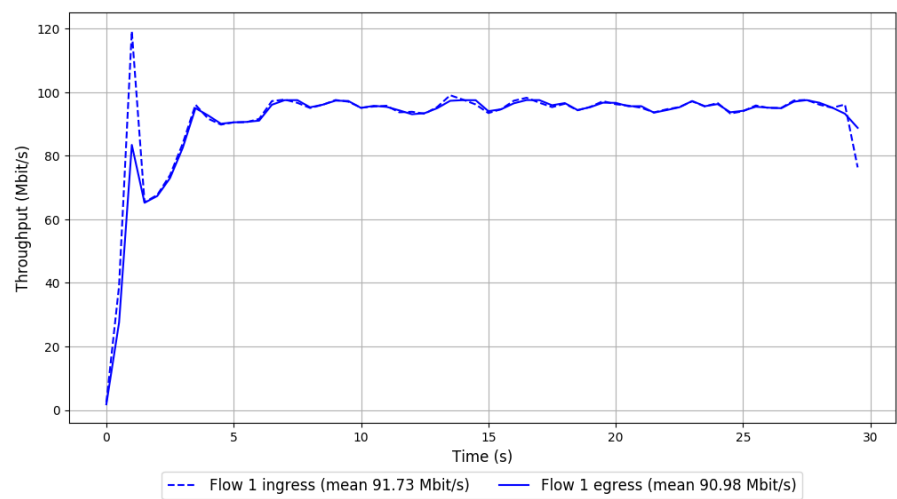


Run 2: Statistics of PCC

Start at: 2017-09-21 12:52:18
End at: 2017-09-21 12:52:48
Local clock offset: 0.262 ms
Remote clock offset: -0.372 ms

Below is generated by plot.py at 2017-09-21 15:57:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.98 Mbit/s
95th percentile per-packet one-way delay: 58.326 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 90.98 Mbit/s
95th percentile per-packet one-way delay: 58.326 ms
Loss rate: 0.77%

Run 2: Report of PCC — Data Link

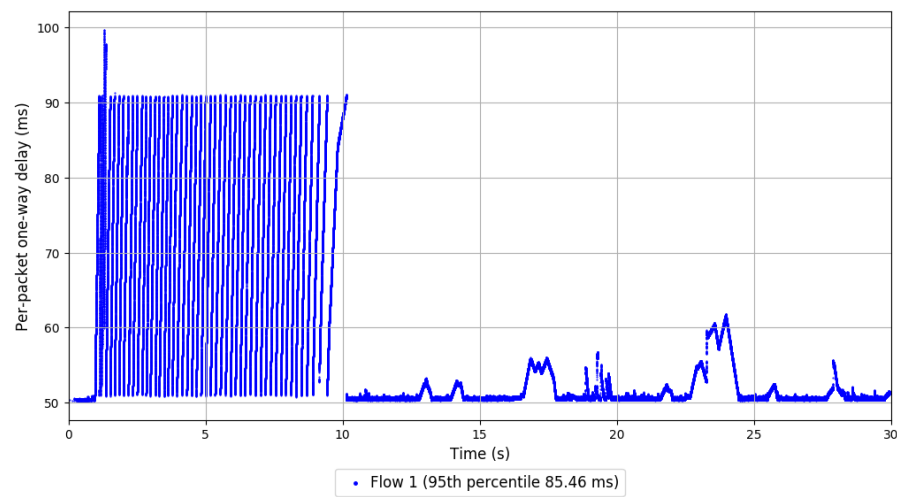
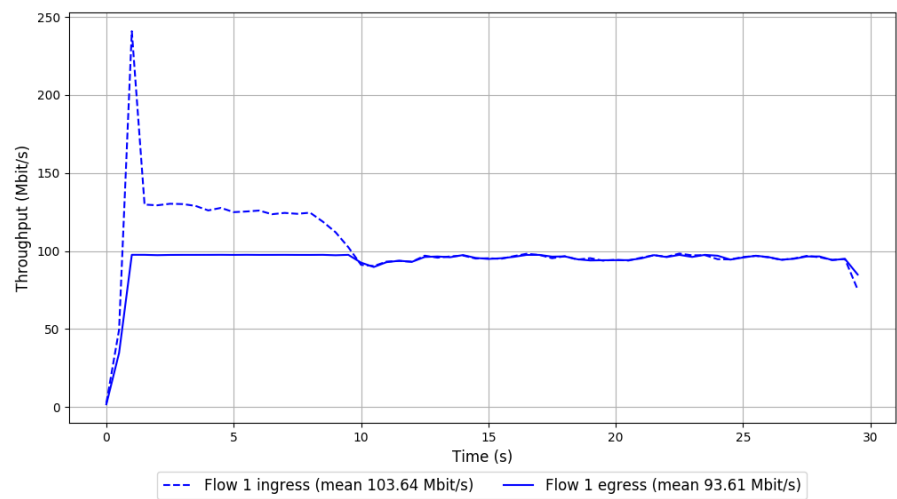


Run 3: Statistics of PCC

Start at: 2017-09-21 13:11:05
End at: 2017-09-21 13:11:35
Local clock offset: 0.127 ms
Remote clock offset: -0.384 ms

Below is generated by plot.py at 2017-09-21 15:57:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 85.462 ms
Loss rate: 9.68%
-- Flow 1:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 85.462 ms
Loss rate: 9.68%

Run 3: Report of PCC — Data Link

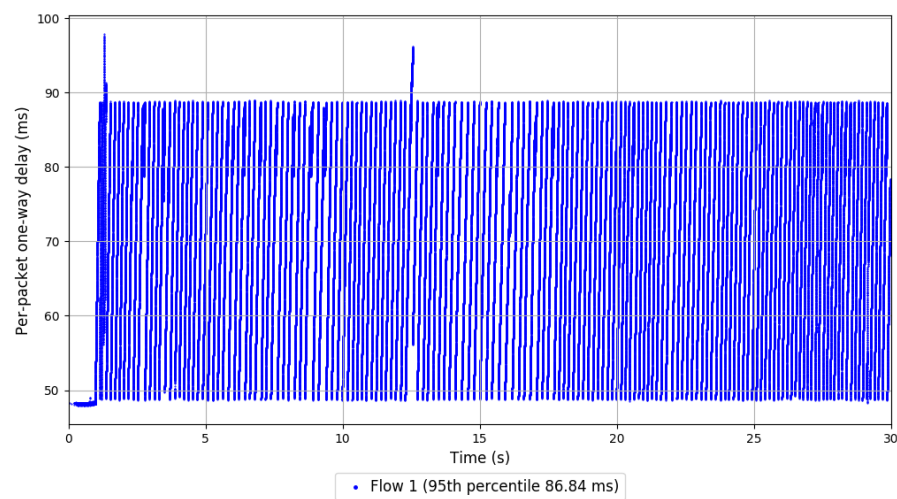
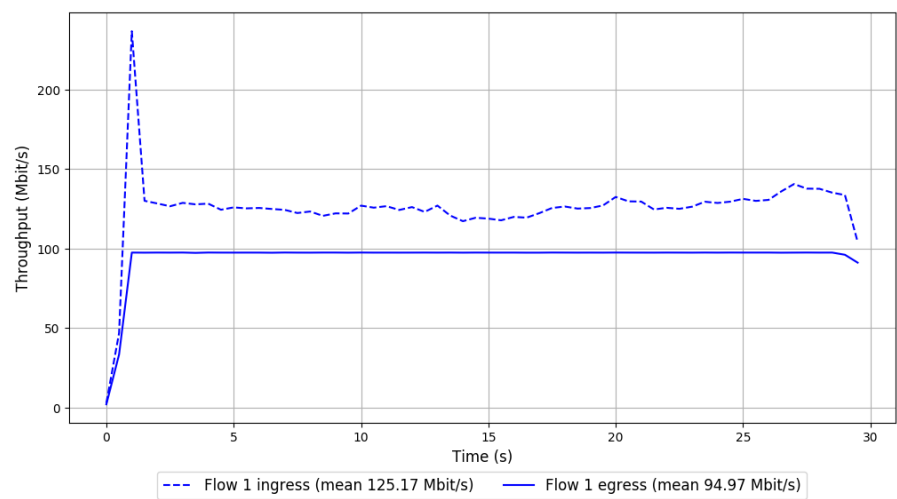


Run 4: Statistics of PCC

Start at: 2017-09-21 13:29:48
End at: 2017-09-21 13:30:18
Local clock offset: 0.219 ms
Remote clock offset: -2.638 ms

Below is generated by plot.py at 2017-09-21 15:57:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 86.845 ms
Loss rate: 24.06%
-- Flow 1:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 86.845 ms
Loss rate: 24.06%

Run 4: Report of PCC — Data Link

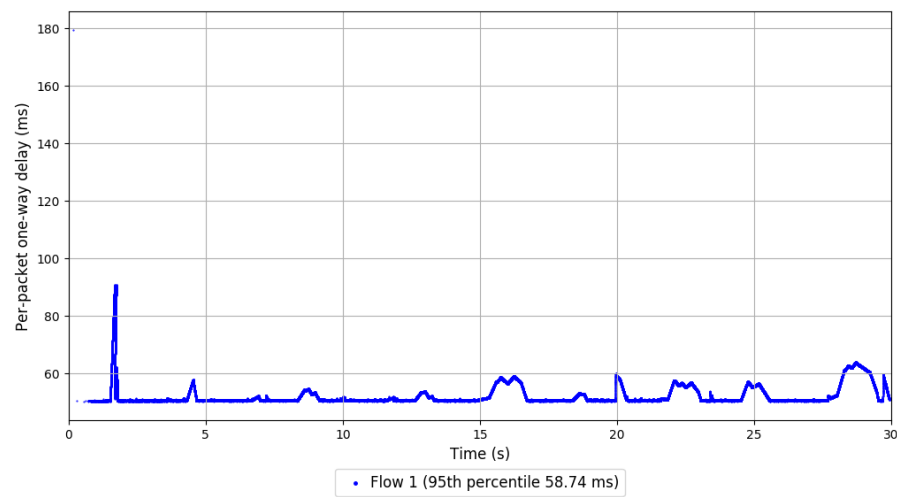
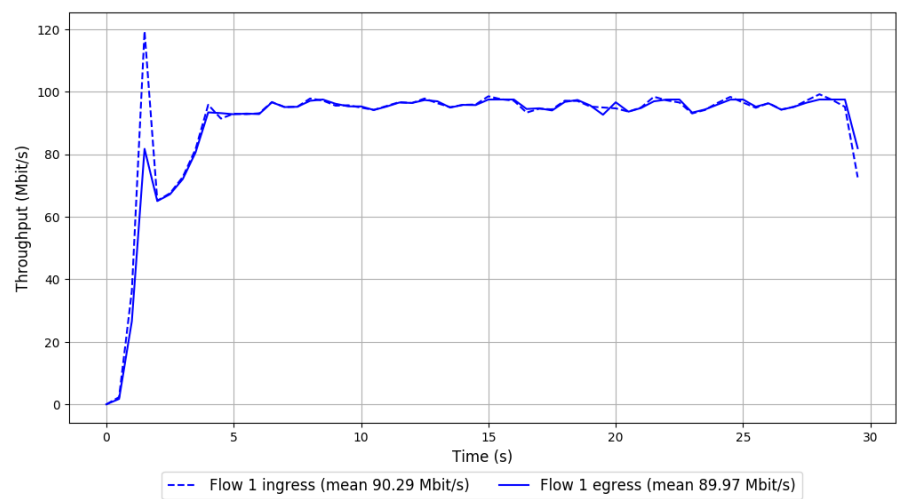


Run 5: Statistics of PCC

Start at: 2017-09-21 13:48:35
End at: 2017-09-21 13:49:05
Local clock offset: 0.21 ms
Remote clock offset: -0.576 ms

Below is generated by plot.py at 2017-09-21 15:57:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 58.744 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 89.97 Mbit/s
95th percentile per-packet one-way delay: 58.744 ms
Loss rate: 0.78%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-09-21 14:07:23

End at: 2017-09-21 14:07:53

Local clock offset: 0.2 ms

Remote clock offset: -0.678 ms

Below is generated by plot.py at 2017-09-21 15:57:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.57 Mbit/s

95th percentile per-packet one-way delay: 59.834 ms

Loss rate: 0.78%

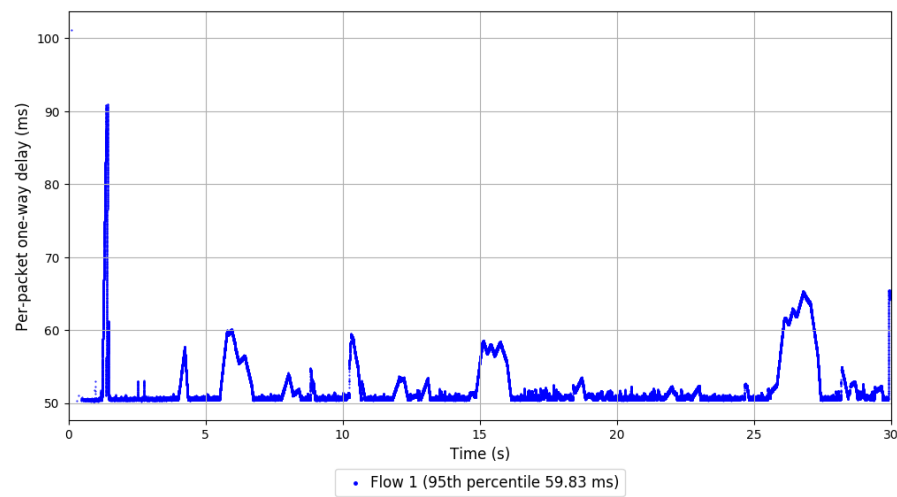
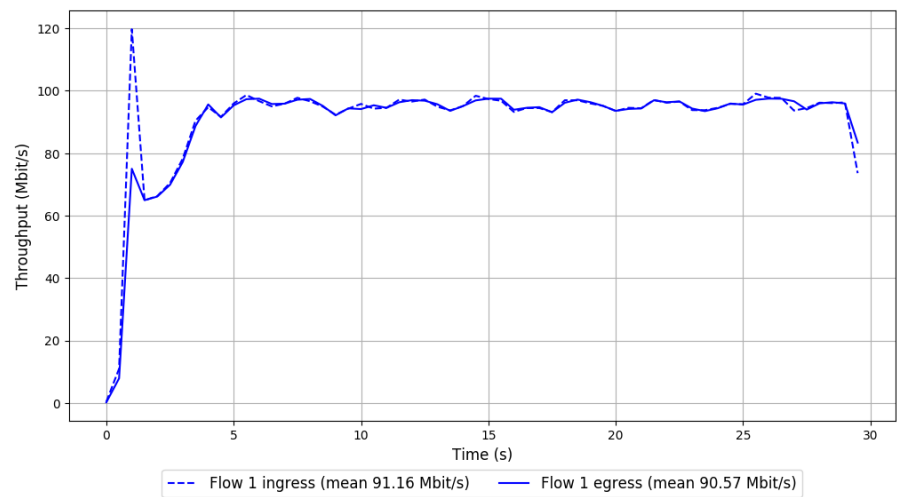
-- Flow 1:

Average throughput: 90.57 Mbit/s

95th percentile per-packet one-way delay: 59.834 ms

Loss rate: 0.78%

Run 6: Report of PCC — Data Link

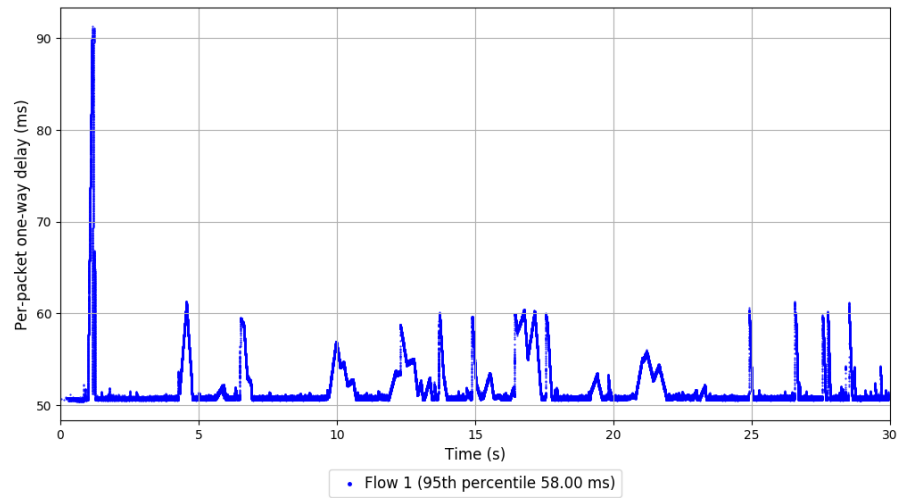
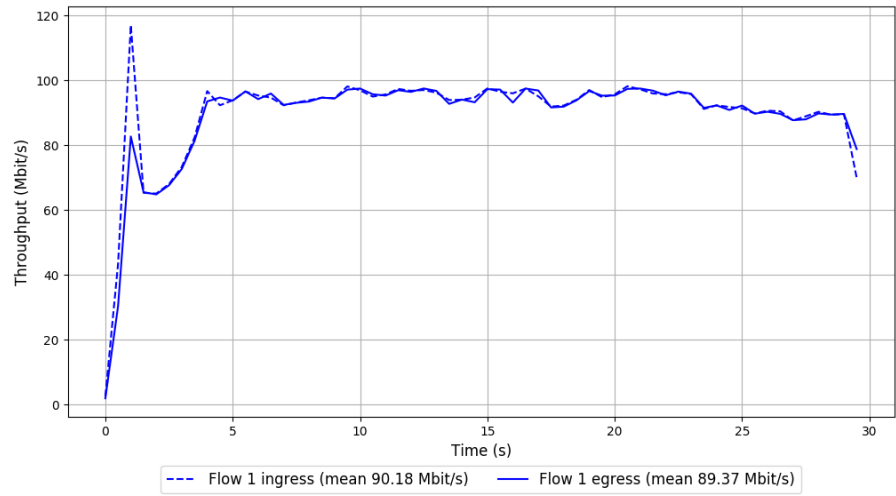


Run 7: Statistics of PCC

Start at: 2017-09-21 14:26:08
End at: 2017-09-21 14:26:38
Local clock offset: 0.047 ms
Remote clock offset: -0.592 ms

Below is generated by plot.py at 2017-09-21 15:57:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.37 Mbit/s
95th percentile per-packet one-way delay: 58.000 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 89.37 Mbit/s
95th percentile per-packet one-way delay: 58.000 ms
Loss rate: 0.89%

Run 7: Report of PCC — Data Link

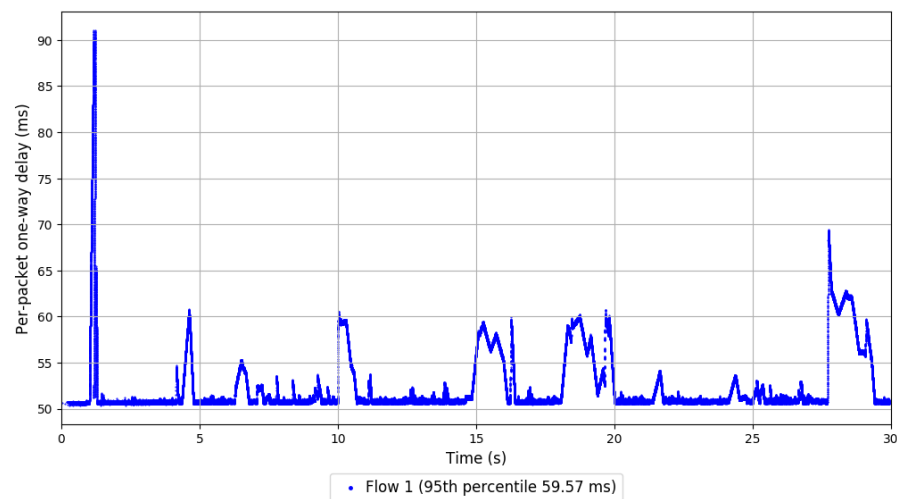
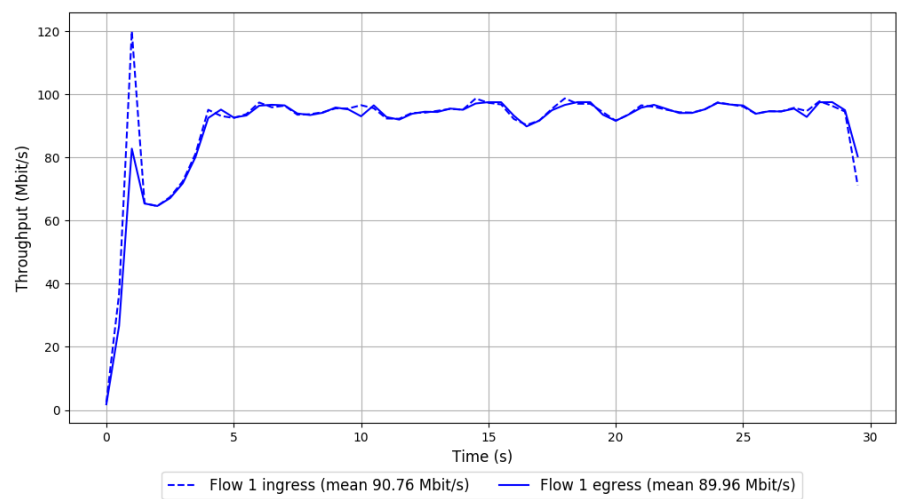


Run 8: Statistics of PCC

Start at: 2017-09-21 14:44:51
End at: 2017-09-21 14:45:21
Local clock offset: 0.069 ms
Remote clock offset: -0.607 ms

Below is generated by plot.py at 2017-09-21 15:58:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: 59.567 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: 59.567 ms
Loss rate: 0.89%

Run 8: Report of PCC — Data Link

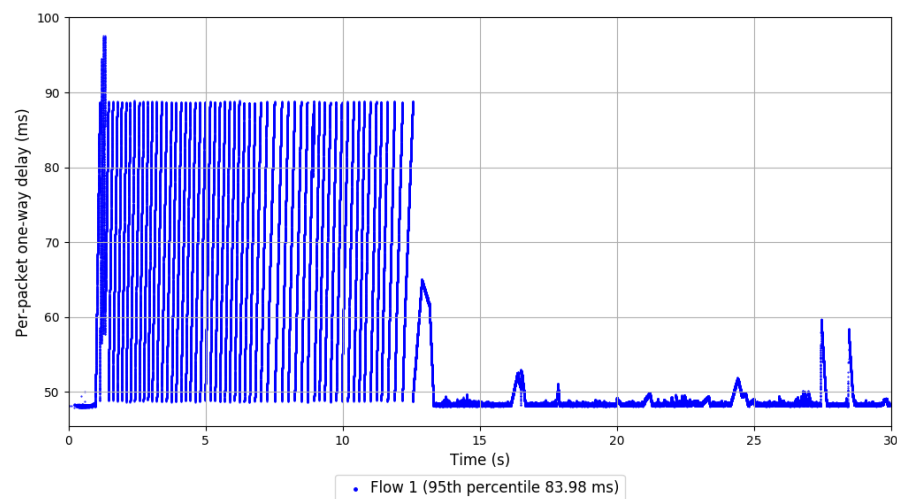
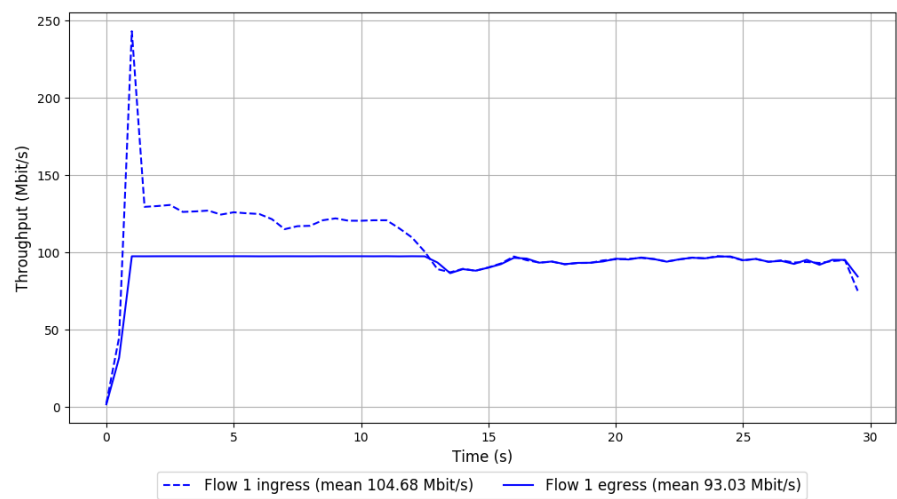


Run 9: Statistics of PCC

Start at: 2017-09-21 15:03:34
End at: 2017-09-21 15:04:04
Local clock offset: 0.159 ms
Remote clock offset: -2.769 ms

Below is generated by plot.py at 2017-09-21 15:58:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 83.977 ms
Loss rate: 11.13%
-- Flow 1:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 83.977 ms
Loss rate: 11.13%

Run 9: Report of PCC — Data Link

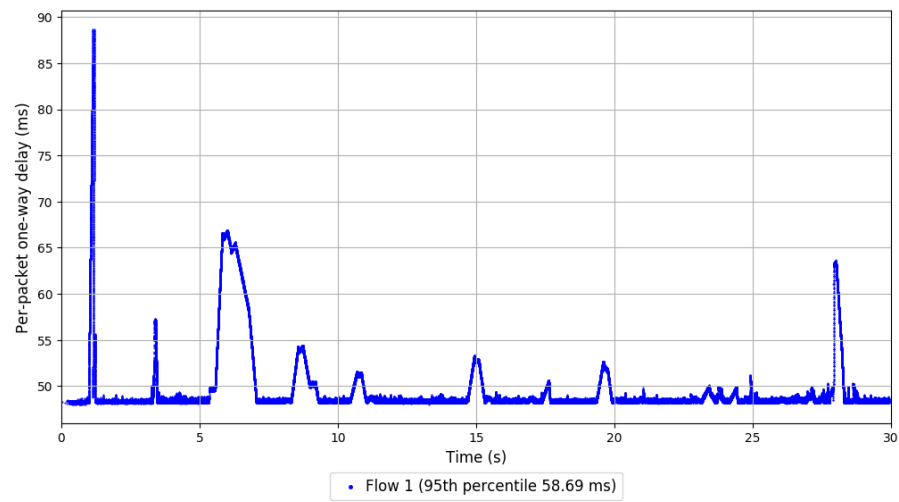
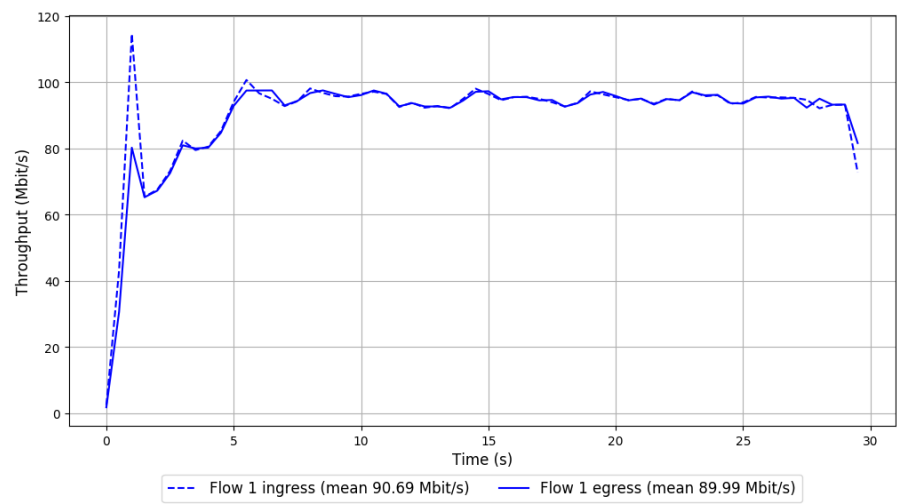


Run 10: Statistics of PCC

Start at: 2017-09-21 15:22:25
End at: 2017-09-21 15:22:55
Local clock offset: 0.152 ms
Remote clock offset: -2.738 ms

Below is generated by plot.py at 2017-09-21 15:58:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 58.688 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 58.688 ms
Loss rate: 0.77%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-21 12:38:57

End at: 2017-09-21 12:39:27

Local clock offset: 0.169 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2017-09-21 15:58:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.37 Mbit/s

95th percentile per-packet one-way delay: 51.388 ms

Loss rate: 0.04%

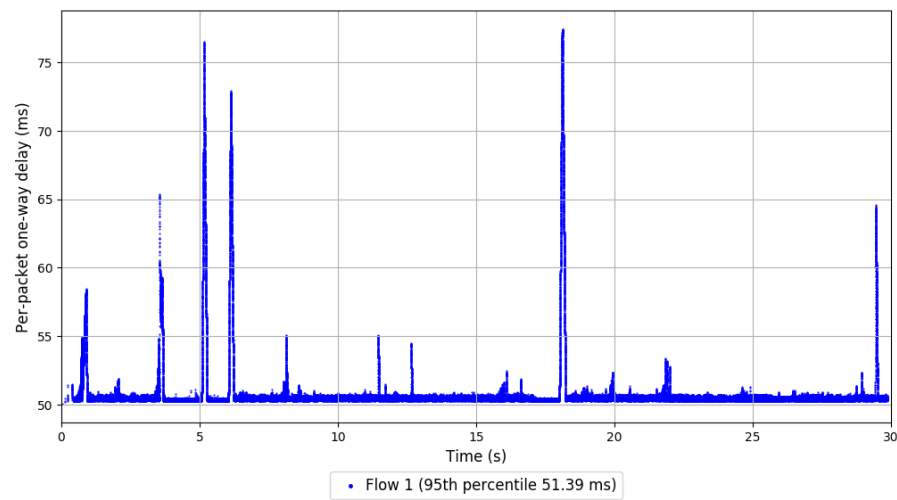
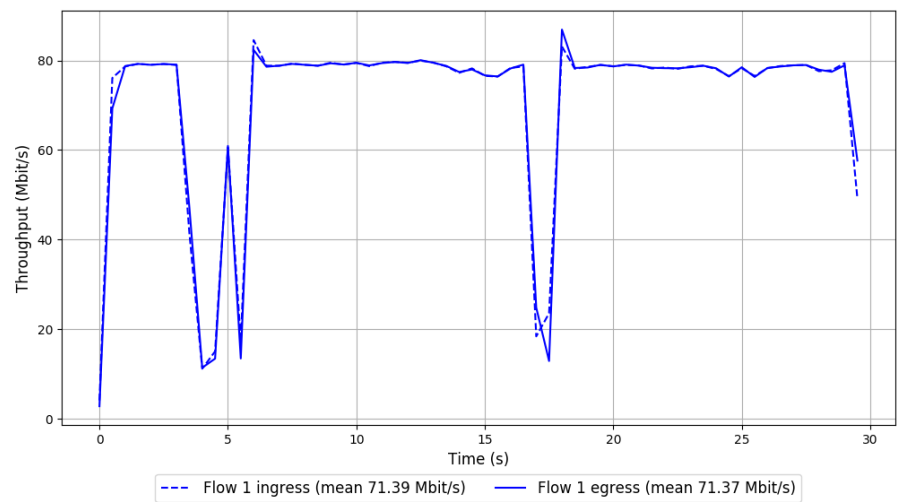
-- Flow 1:

Average throughput: 71.37 Mbit/s

95th percentile per-packet one-way delay: 51.388 ms

Loss rate: 0.04%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-21 12:57:43

End at: 2017-09-21 12:58:13

Local clock offset: 0.219 ms

Remote clock offset: 0.258 ms

Below is generated by plot.py at 2017-09-21 15:59:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.30 Mbit/s

95th percentile per-packet one-way delay: 86.386 ms

Loss rate: 0.63%

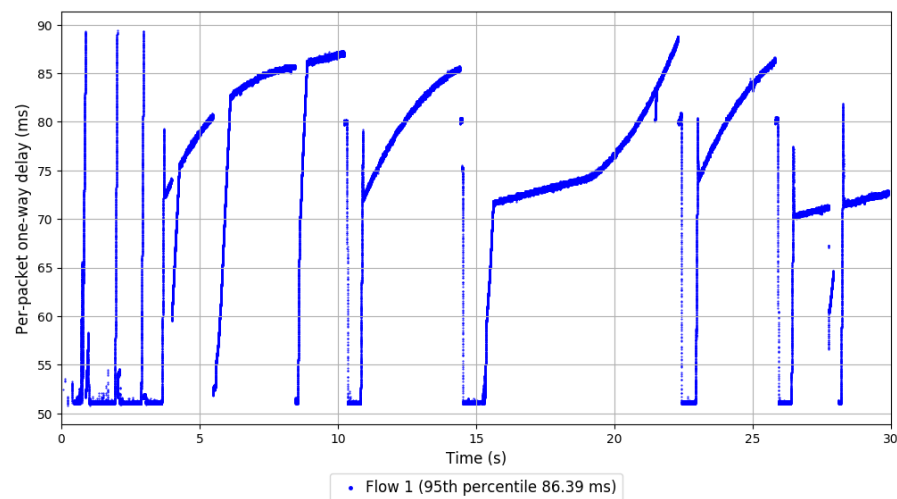
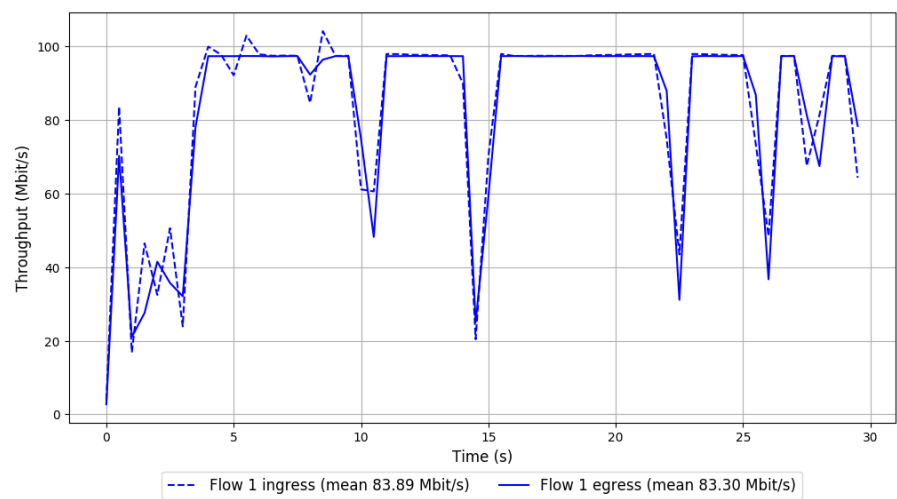
-- Flow 1:

Average throughput: 83.30 Mbit/s

95th percentile per-packet one-way delay: 86.386 ms

Loss rate: 0.63%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-21 13:16:29

End at: 2017-09-21 13:16:59

Local clock offset: 0.221 ms

Remote clock offset: -2.45 ms

Below is generated by plot.py at 2017-09-21 15:59:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.25 Mbit/s

95th percentile per-packet one-way delay: 71.062 ms

Loss rate: 0.61%

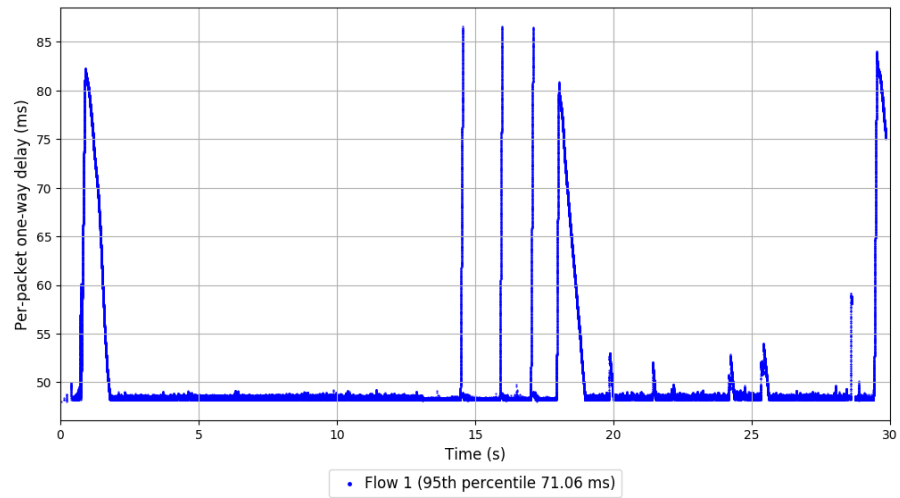
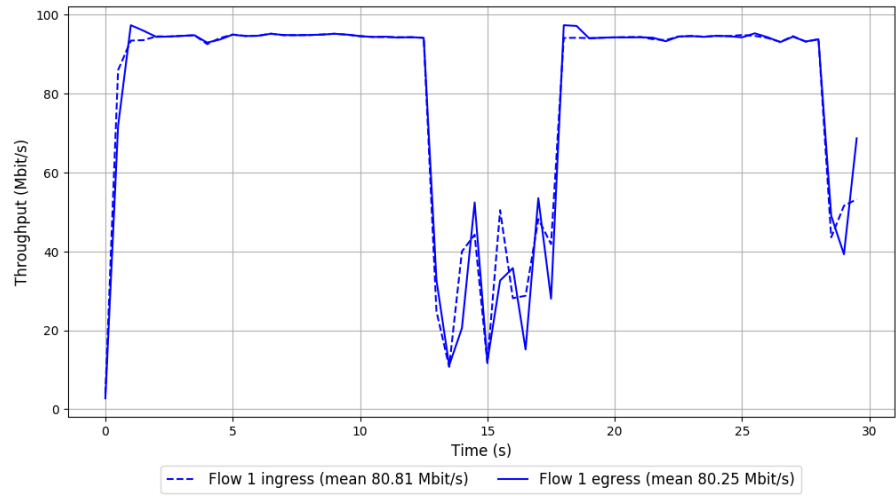
-- Flow 1:

Average throughput: 80.25 Mbit/s

95th percentile per-packet one-way delay: 71.062 ms

Loss rate: 0.61%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-21 13:35:14

End at: 2017-09-21 13:35:44

Local clock offset: 0.198 ms

Remote clock offset: -2.639 ms

Below is generated by plot.py at 2017-09-21 15:59:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 63.347 ms

Loss rate: 0.69%

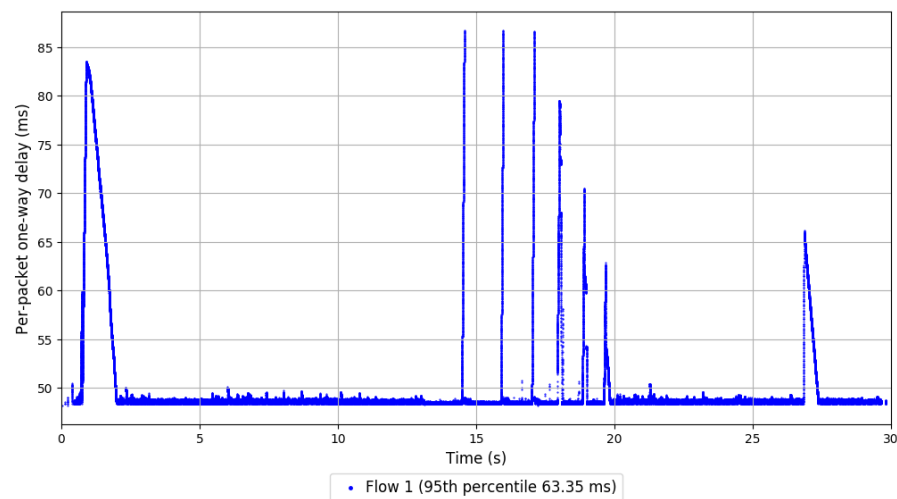
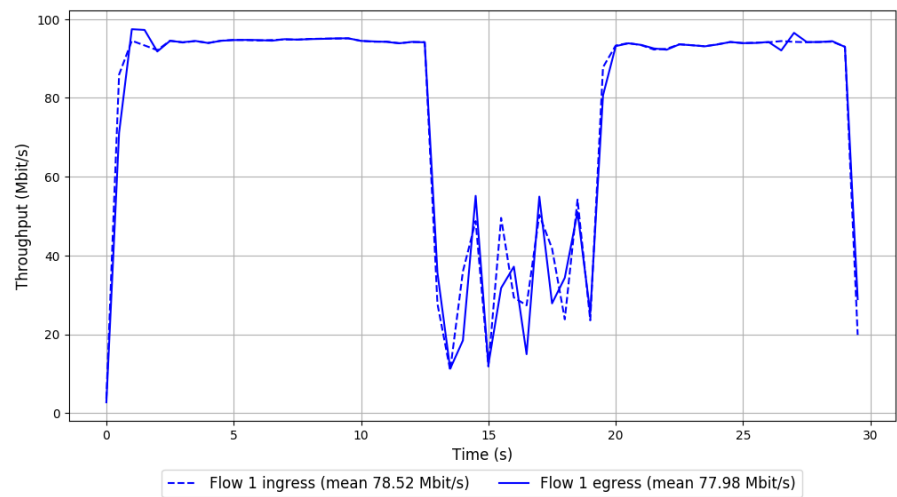
-- Flow 1:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: 63.347 ms

Loss rate: 0.69%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-21 13:54:02

End at: 2017-09-21 13:54:32

Local clock offset: 0.214 ms

Remote clock offset: -2.688 ms

Below is generated by plot.py at 2017-09-21 15:59:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 82.187 ms

Loss rate: 0.60%

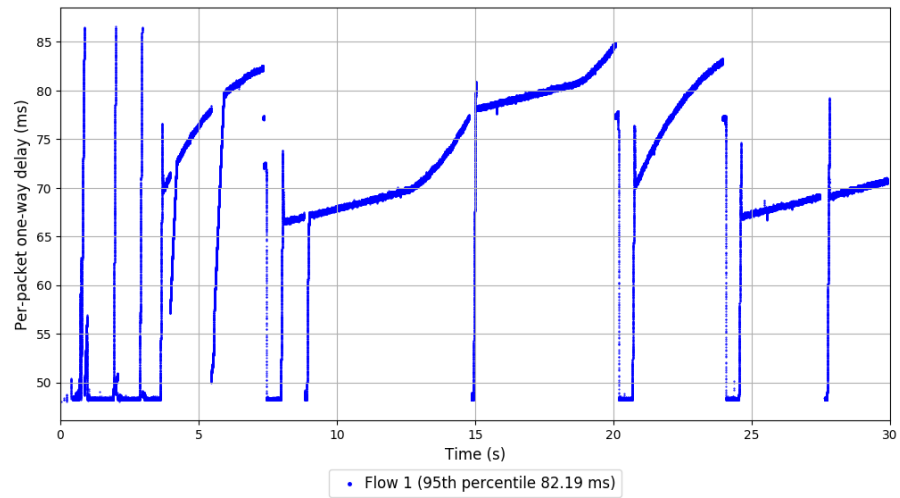
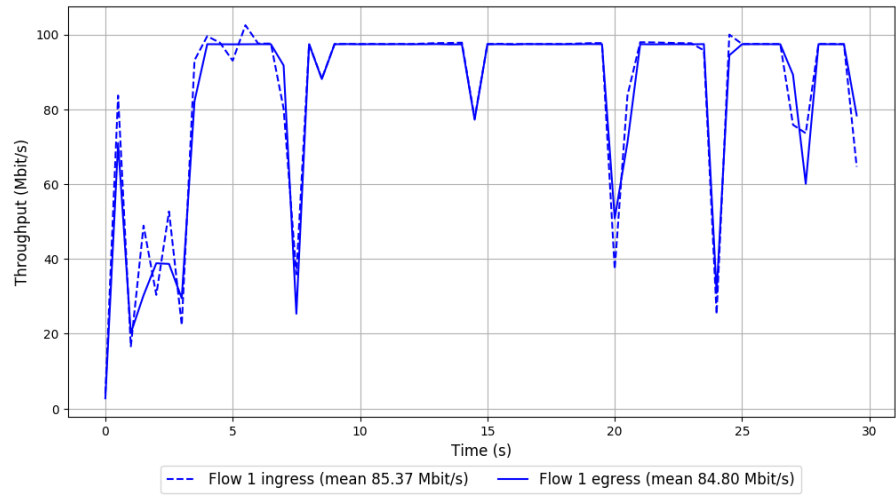
-- Flow 1:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 82.187 ms

Loss rate: 0.60%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-21 14:12:48

End at: 2017-09-21 14:13:18

Local clock offset: 0.189 ms

Remote clock offset: -2.777 ms

Below is generated by plot.py at 2017-09-21 15:59:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.85 Mbit/s

95th percentile per-packet one-way delay: 83.057 ms

Loss rate: 0.48%

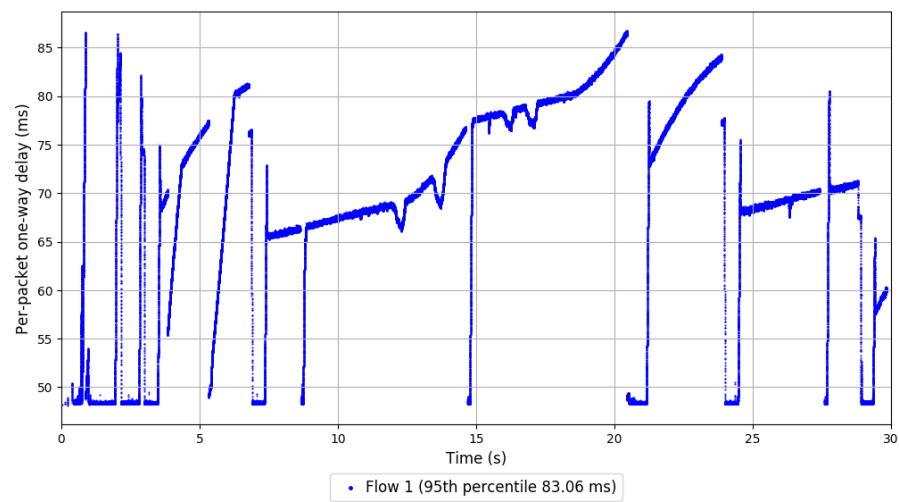
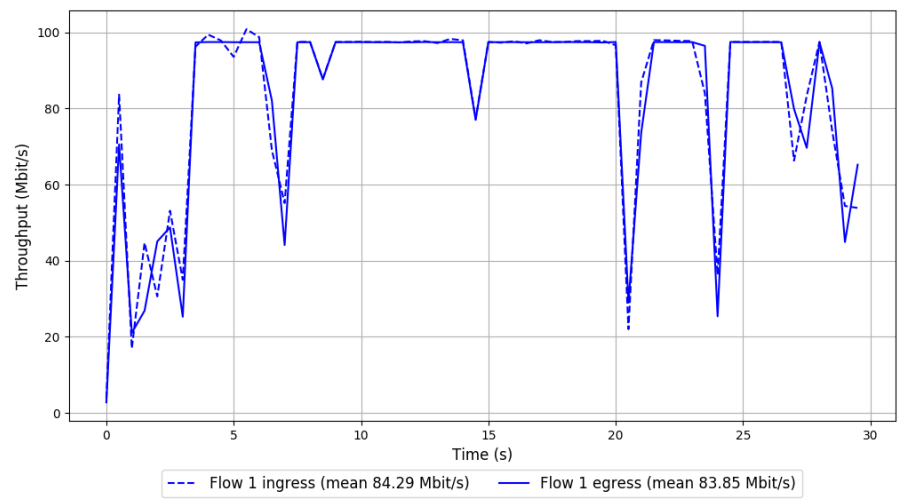
-- Flow 1:

Average throughput: 83.85 Mbit/s

95th percentile per-packet one-way delay: 83.057 ms

Loss rate: 0.48%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-21 14:31:30

End at: 2017-09-21 14:32:01

Local clock offset: 0.056 ms

Remote clock offset: -2.843 ms

Below is generated by plot.py at 2017-09-21 16:00:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.88 Mbit/s

95th percentile per-packet one-way delay: 64.032 ms

Loss rate: 0.61%

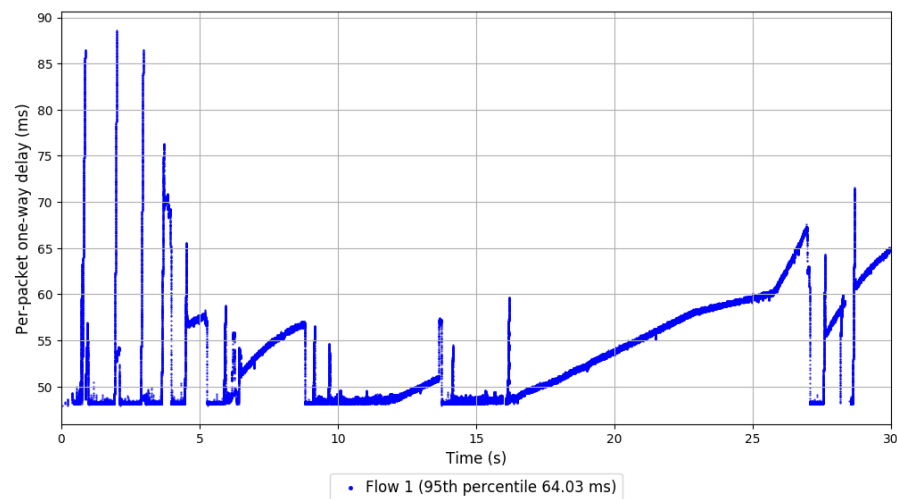
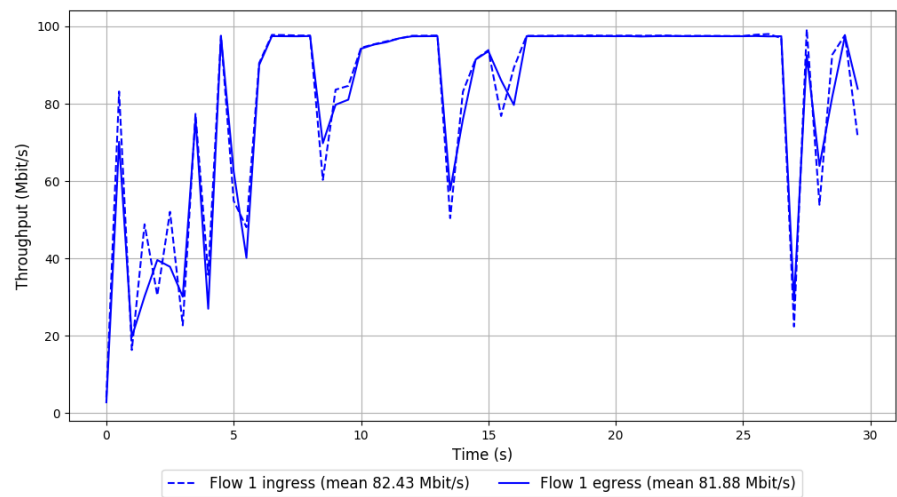
-- Flow 1:

Average throughput: 81.88 Mbit/s

95th percentile per-packet one-way delay: 64.032 ms

Loss rate: 0.61%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-21 14:50:14

End at: 2017-09-21 14:50:45

Local clock offset: 0.183 ms

Remote clock offset: -2.778 ms

Below is generated by plot.py at 2017-09-21 16:00:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.07 Mbit/s

95th percentile per-packet one-way delay: 75.402 ms

Loss rate: 0.53%

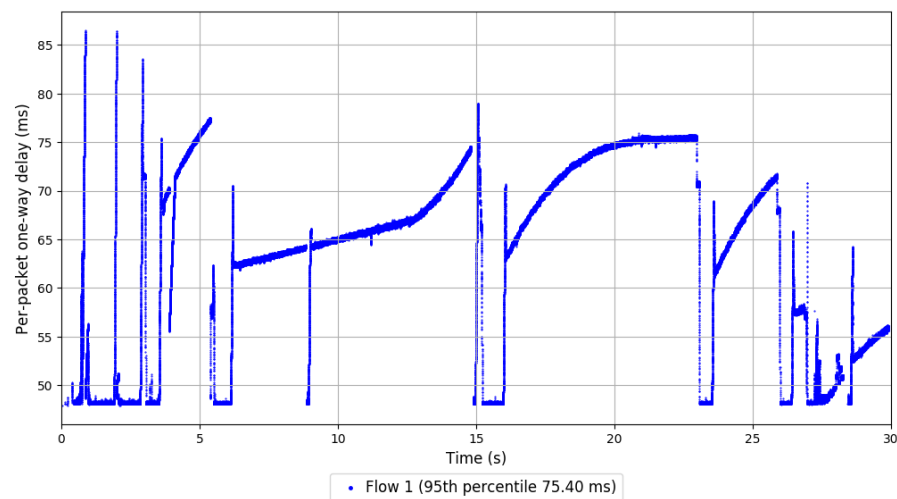
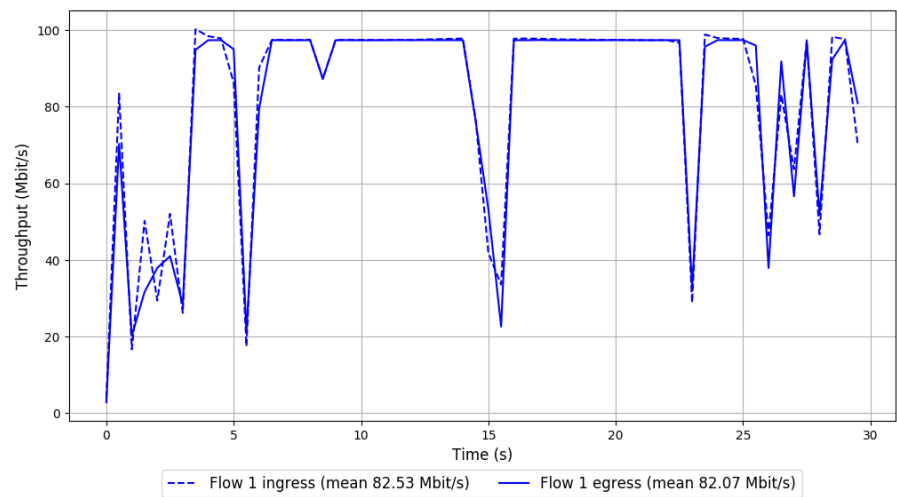
-- Flow 1:

Average throughput: 82.07 Mbit/s

95th percentile per-packet one-way delay: 75.402 ms

Loss rate: 0.53%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-21 15:09:03

End at: 2017-09-21 15:09:33

Local clock offset: 0.066 ms

Remote clock offset: -2.891 ms

Below is generated by plot.py at 2017-09-21 16:00:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 74.040 ms

Loss rate: 0.63%

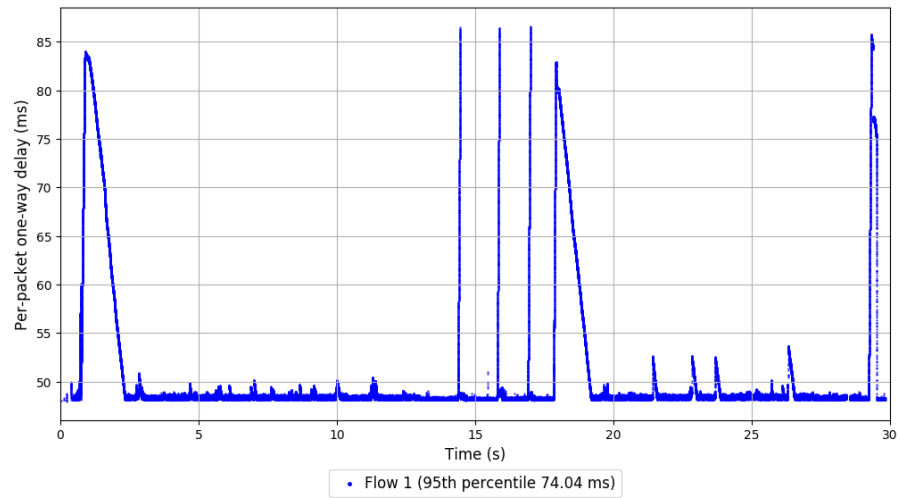
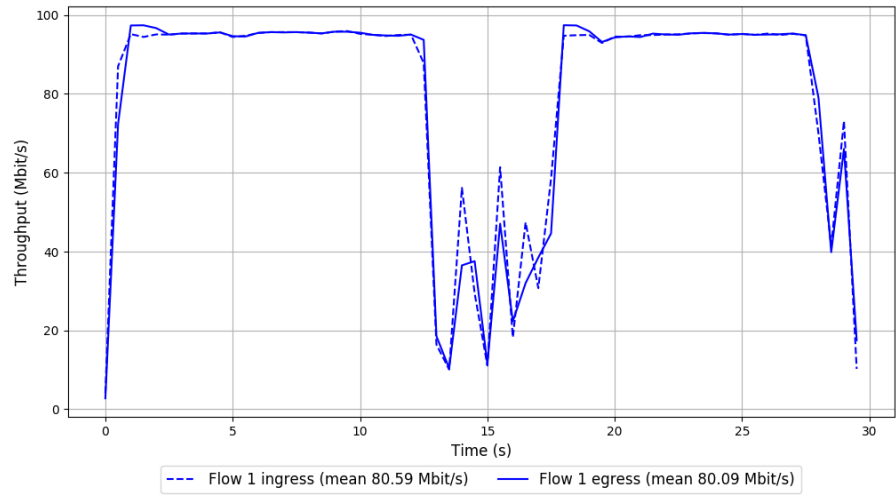
-- Flow 1:

Average throughput: 80.09 Mbit/s

95th percentile per-packet one-way delay: 74.040 ms

Loss rate: 0.63%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-21 15:27:50

End at: 2017-09-21 15:28:20

Local clock offset: 0.15 ms

Remote clock offset: -0.256 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.74 Mbit/s

95th percentile per-packet one-way delay: 85.505 ms

Loss rate: 0.56%

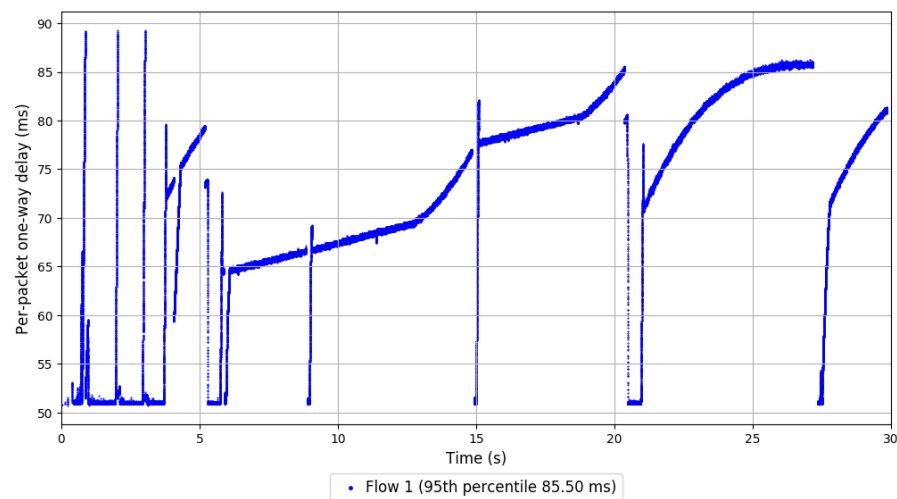
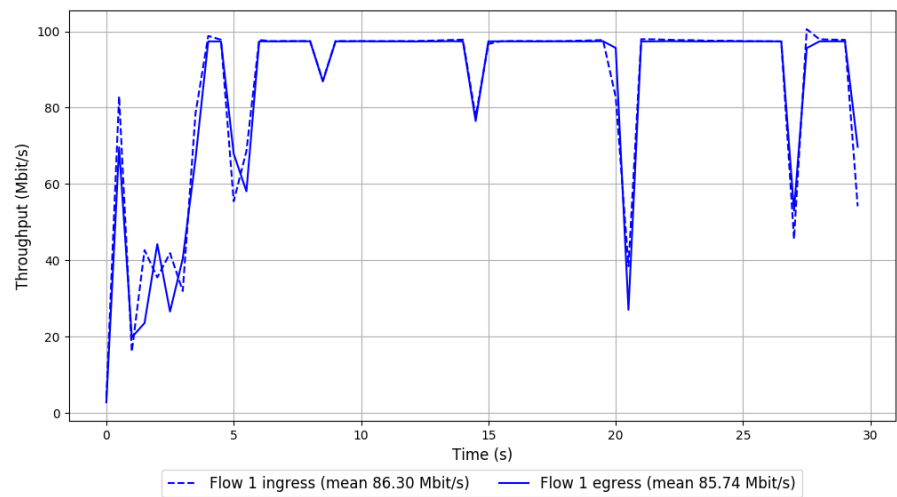
-- Flow 1:

Average throughput: 85.74 Mbit/s

95th percentile per-packet one-way delay: 85.505 ms

Loss rate: 0.56%

Run 10: Report of QUIC Cubic — Data Link

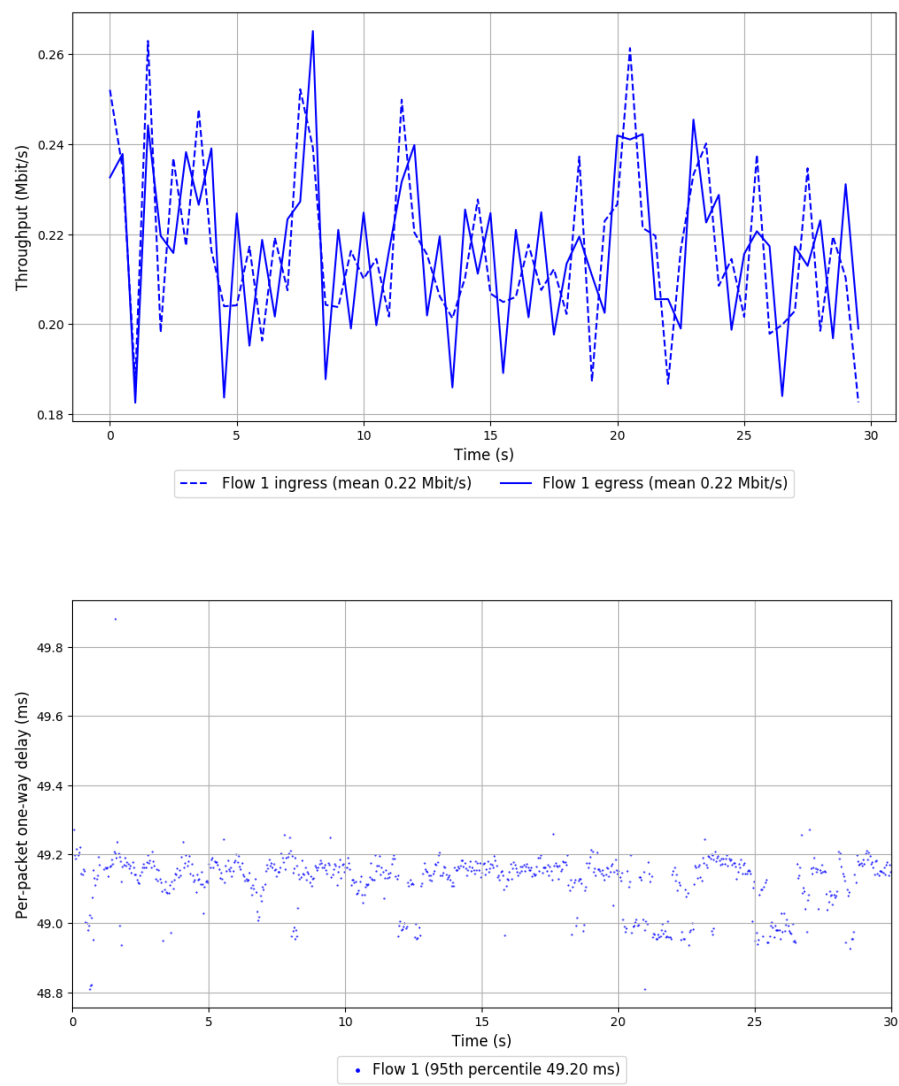


```
Run 1: Statistics of SCReAM

Start at: 2017-09-21 12:25:32
End at: 2017-09-21 12:26:02
Local clock offset: 0.161 ms
Remote clock offset: 0.08 ms

# Below is generated by plot.py at 2017-09-21 16:00:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.199 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.199 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-09-21 12:44:14

End at: 2017-09-21 12:44:44

Local clock offset: 0.259 ms

Remote clock offset: 0.155 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.983 ms

Loss rate: 0.00%

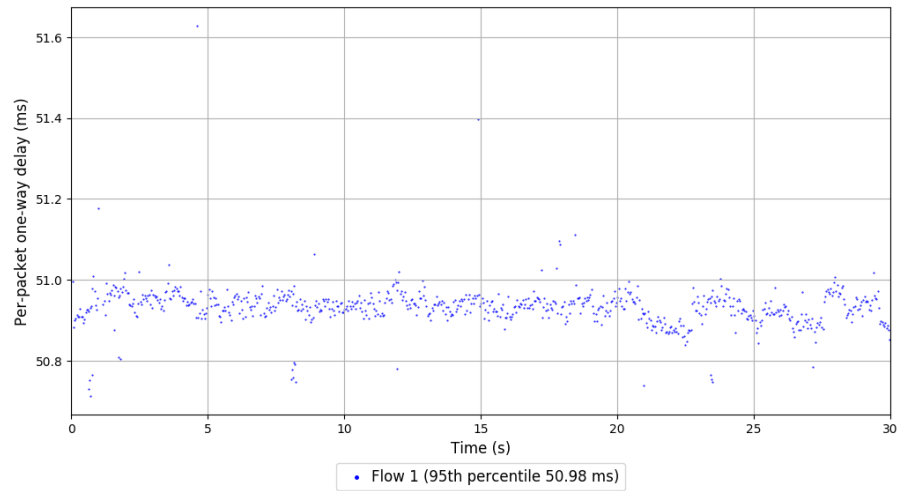
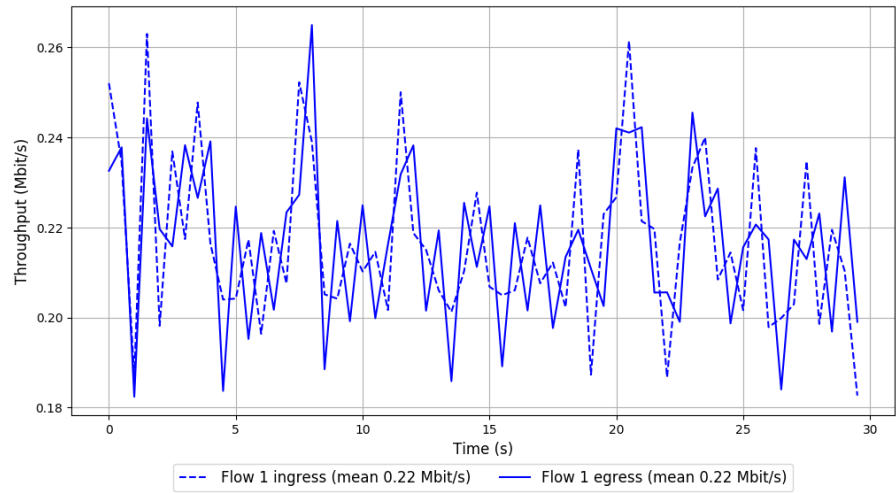
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.983 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-09-21 13:03:01

End at: 2017-09-21 13:03:31

Local clock offset: 0.226 ms

Remote clock offset: 0.139 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 51.113 ms

Loss rate: 0.00%

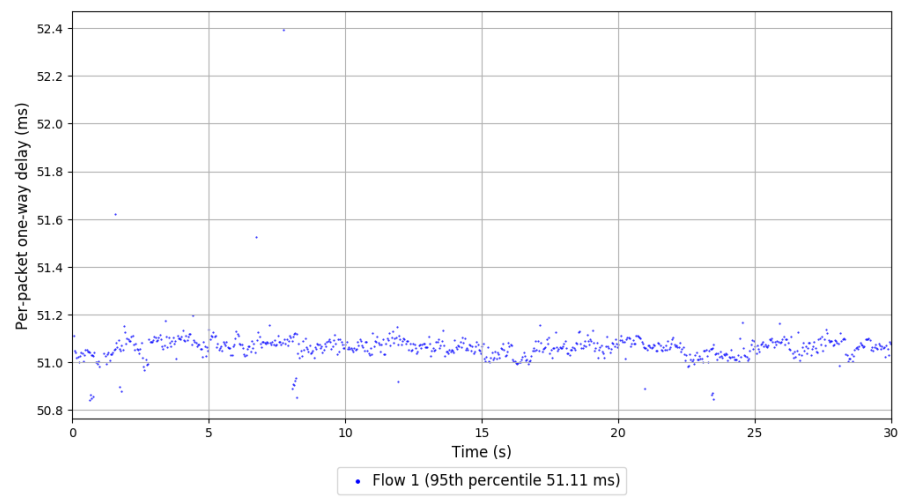
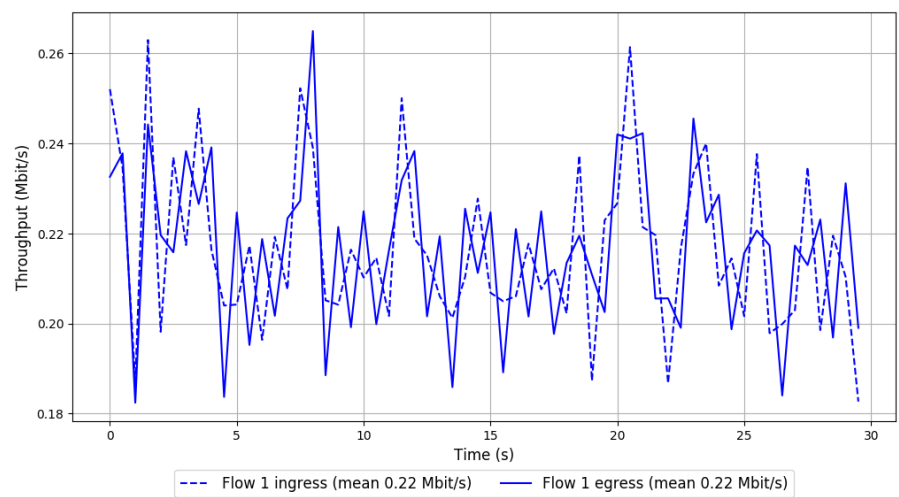
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 51.113 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

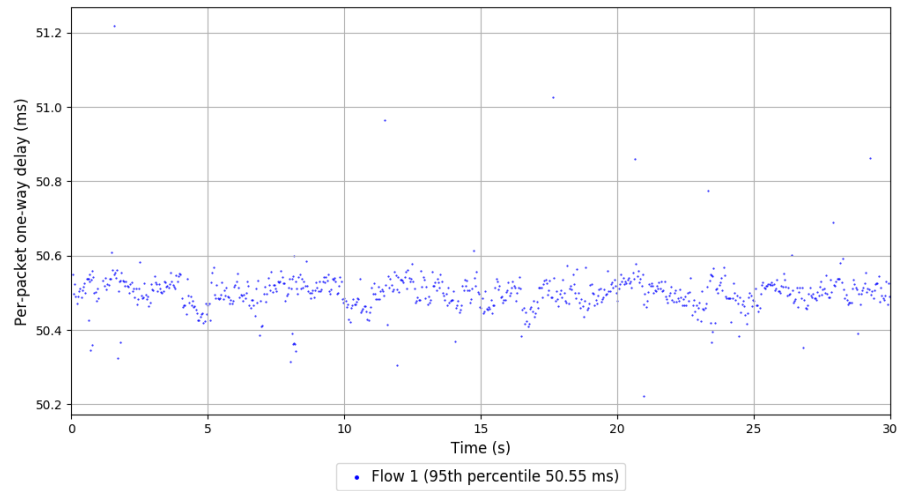
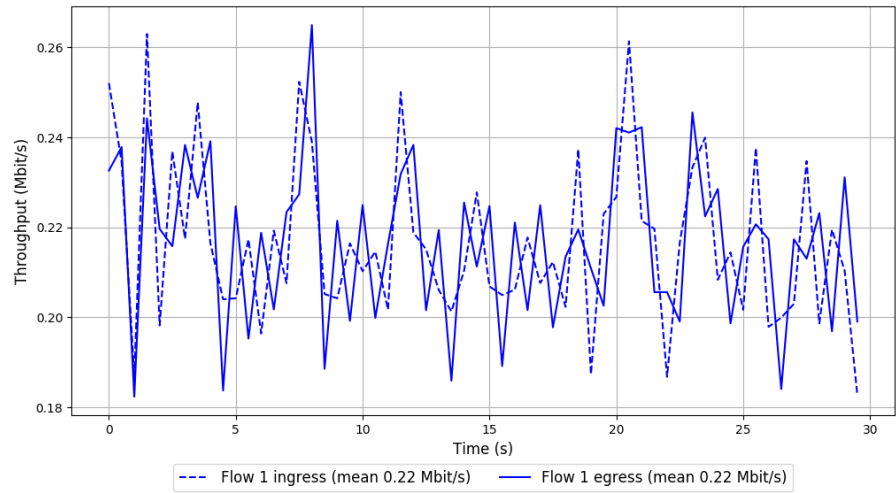


Run 4: Statistics of SCReAM

Start at: 2017-09-21 13:21:46
End at: 2017-09-21 13:22:17
Local clock offset: 0.132 ms
Remote clock offset: -0.418 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.554 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

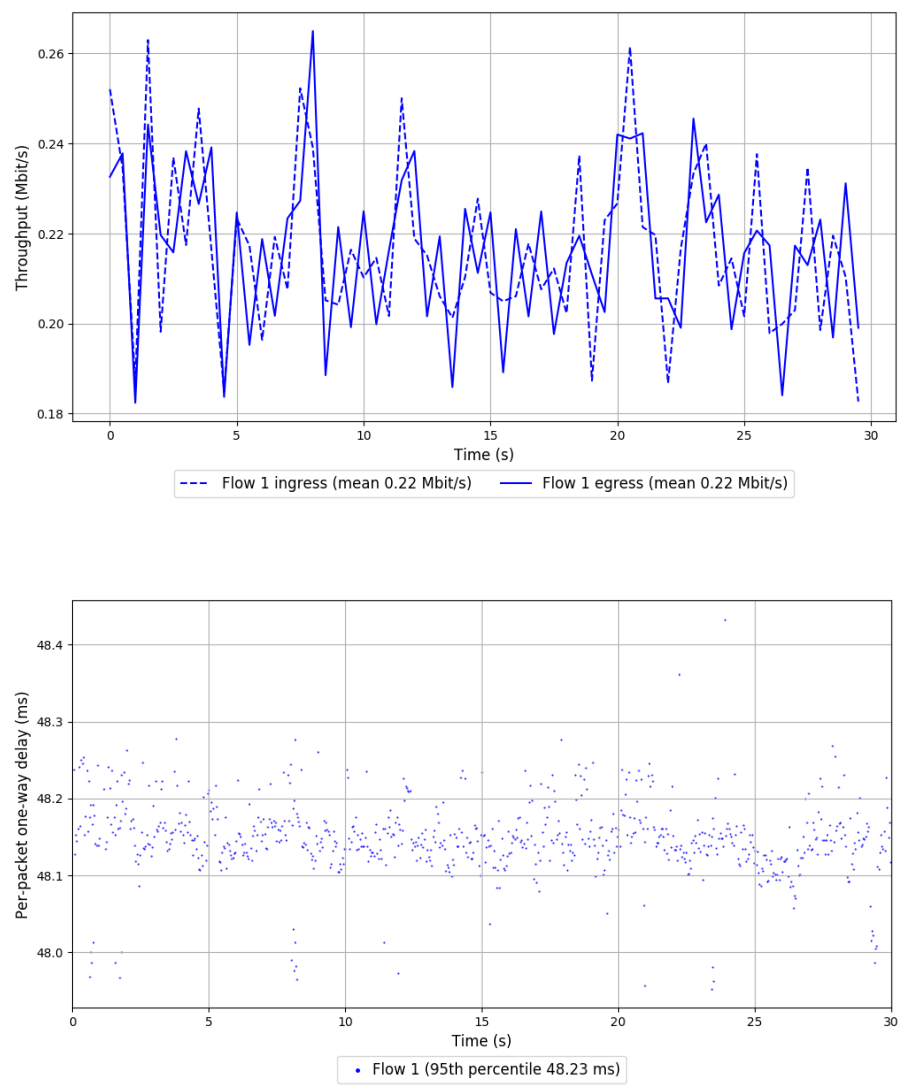


Run 5: Statistics of SCReAM

Start at: 2017-09-21 13:40:31
End at: 2017-09-21 13:41:01
Local clock offset: 0.202 ms
Remote clock offset: -2.828 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.231 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

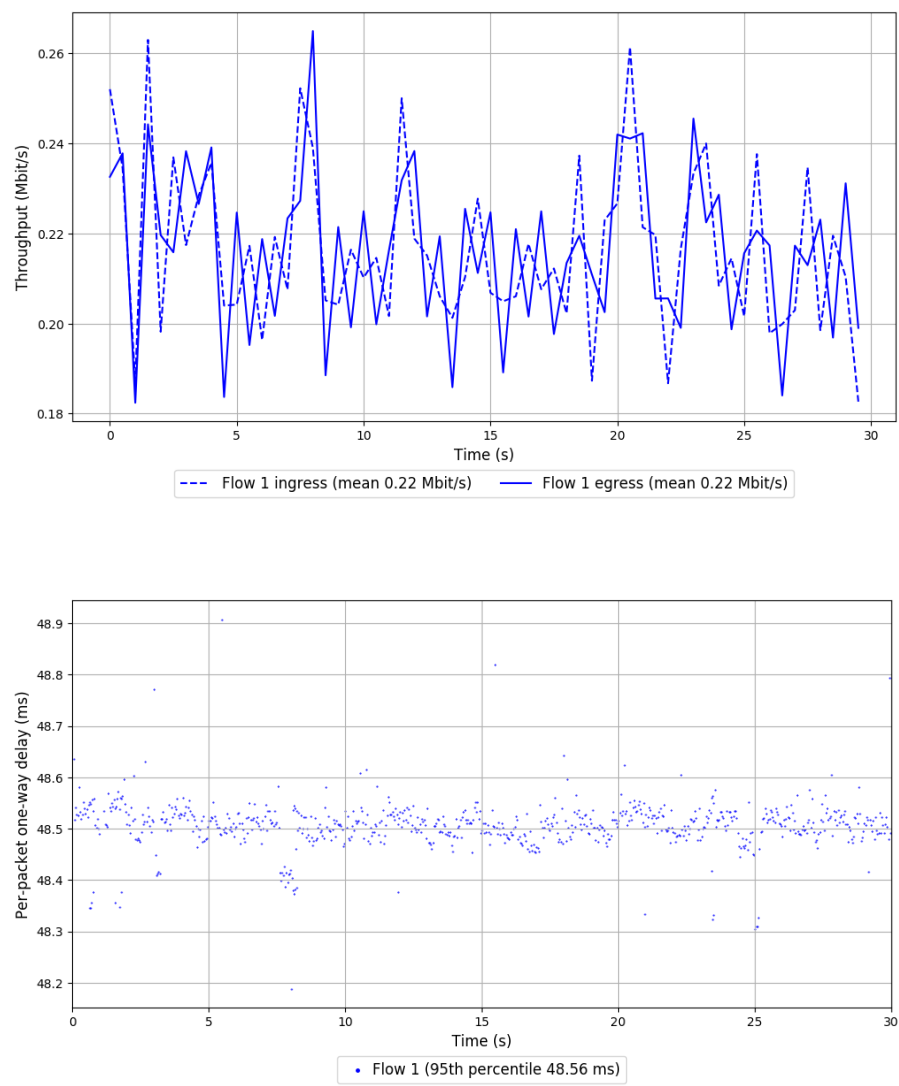


Run 6: Statistics of SCReAM

Start at: 2017-09-21 13:59:20
End at: 2017-09-21 13:59:50
Local clock offset: 0.223 ms
Remote clock offset: -2.692 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.558 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

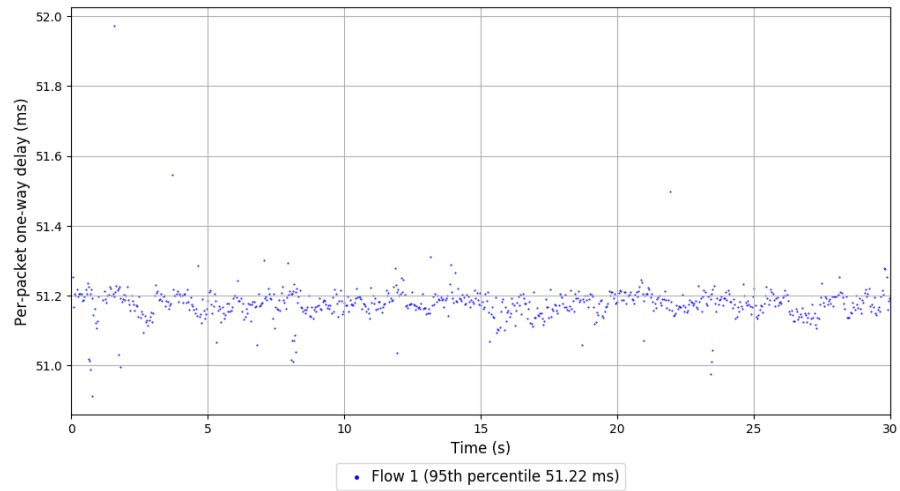
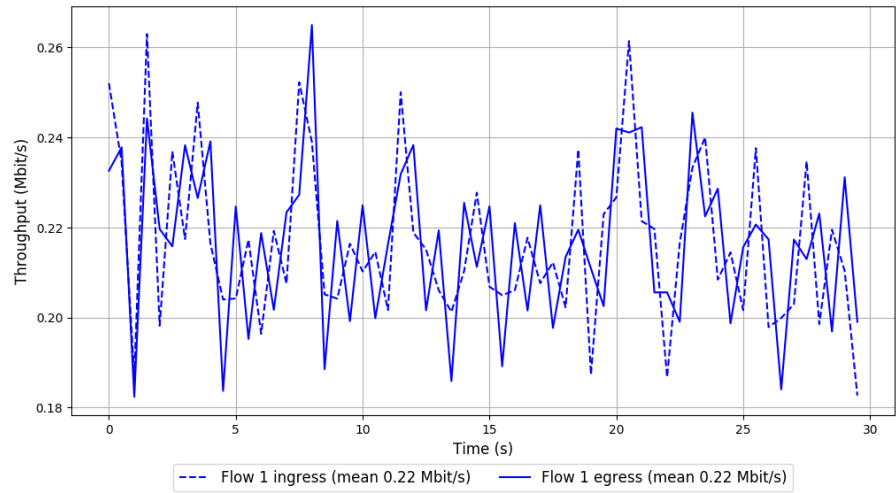


Run 7: Statistics of SCReAM

Start at: 2017-09-21 14:18:05
End at: 2017-09-21 14:18:35
Local clock offset: 0.074 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 51.223 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

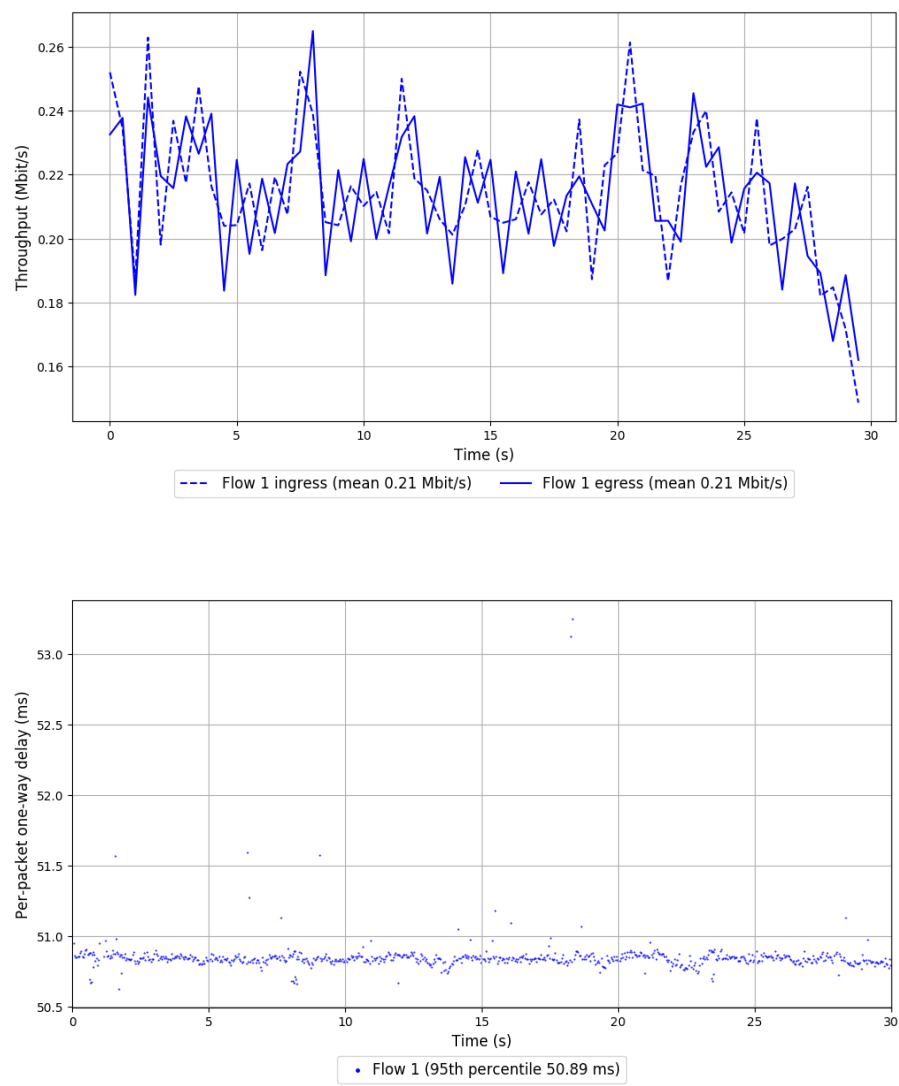


Run 8: Statistics of SCReAM

Start at: 2017-09-21 14:36:48
End at: 2017-09-21 14:37:18
Local clock offset: 0.064 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 50.894 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 50.894 ms
Loss rate: 0.14%

Run 8: Report of SReAM — Data Link

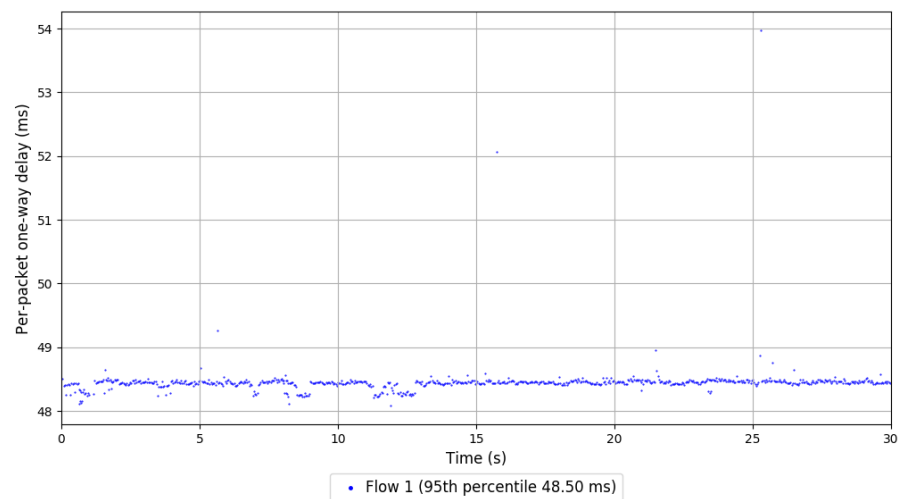
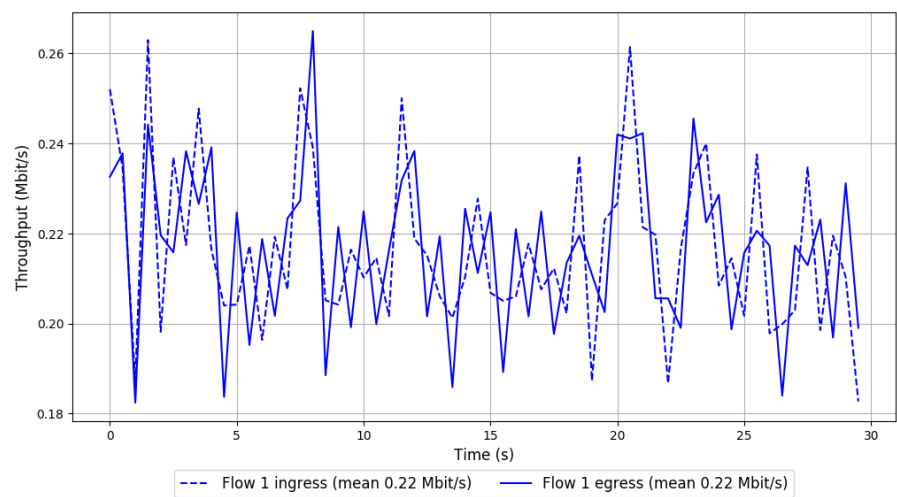


Run 9: Statistics of SCReAM

Start at: 2017-09-21 14:55:32
End at: 2017-09-21 14:56:02
Local clock offset: 0.094 ms
Remote clock offset: -2.628 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.500 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

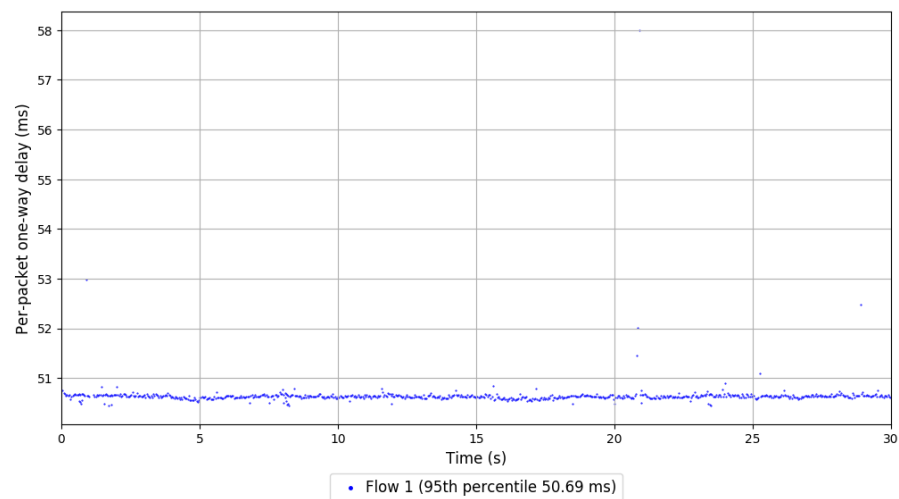
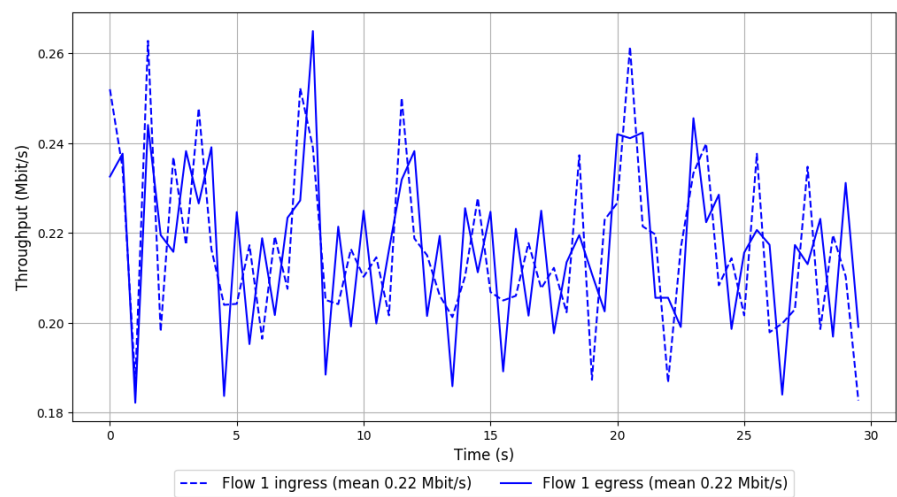


Run 10: Statistics of SReAM

Start at: 2017-09-21 15:14:21
End at: 2017-09-21 15:14:51
Local clock offset: 0.153 ms
Remote clock offset: -0.692 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.687 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.687 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

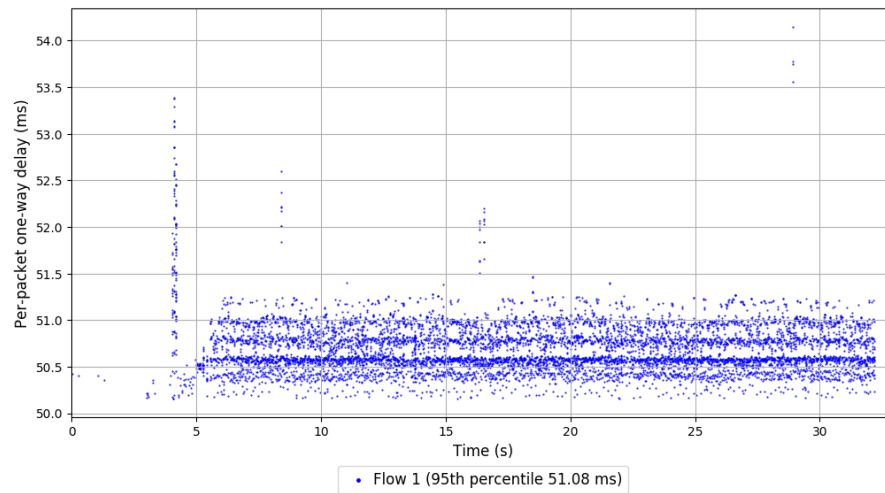
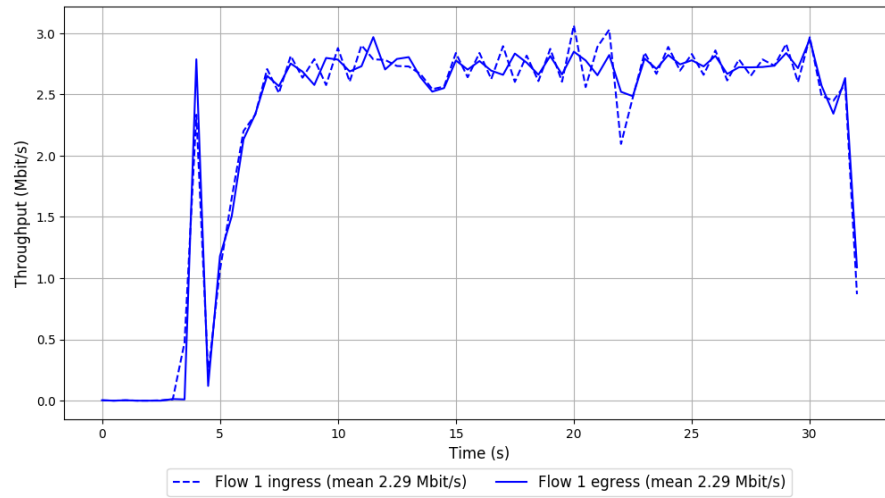


Run 1: Statistics of WebRTC media

Start at: 2017-09-21 12:40:18
End at: 2017-09-21 12:40:48
Local clock offset: 0.272 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.076 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.076 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-09-21 12:59:04

End at: 2017-09-21 12:59:34

Local clock offset: 0.226 ms

Remote clock offset: -0.405 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 50.861 ms

Loss rate: 0.00%

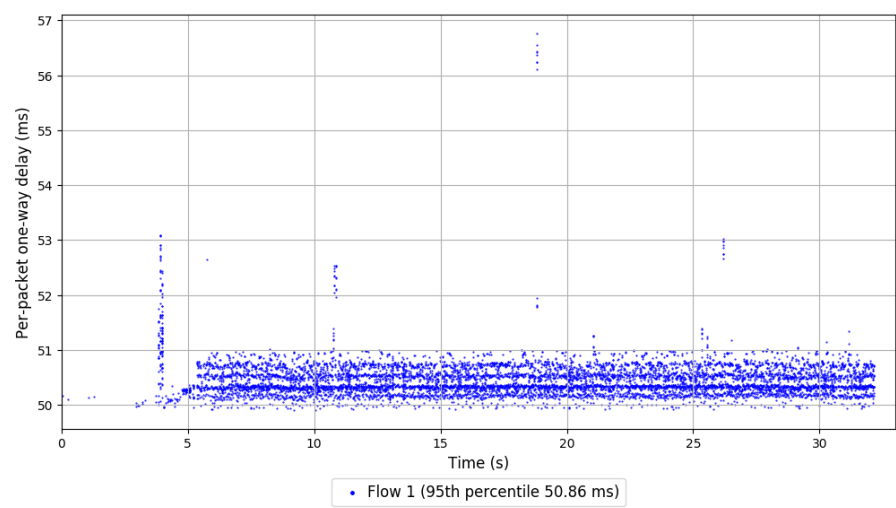
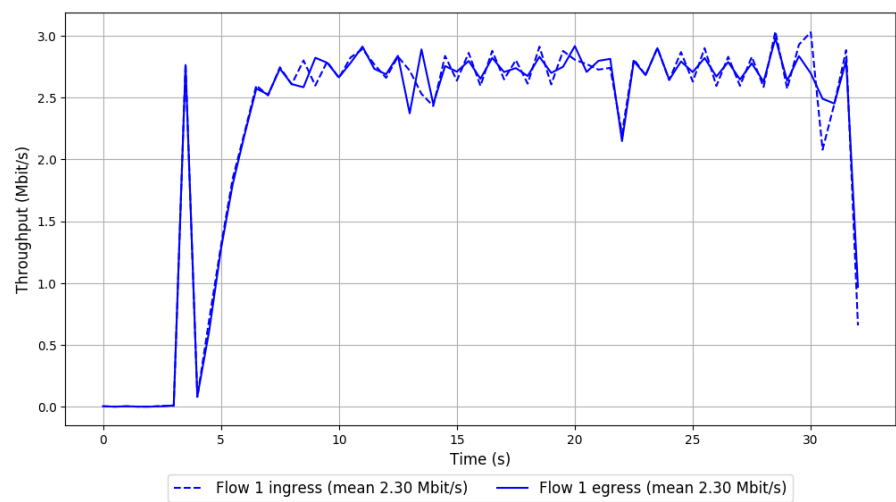
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 50.861 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-09-21 13:17:50

End at: 2017-09-21 13:18:20

Local clock offset: 0.142 ms

Remote clock offset: -0.44 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.283 ms

Loss rate: 0.00%

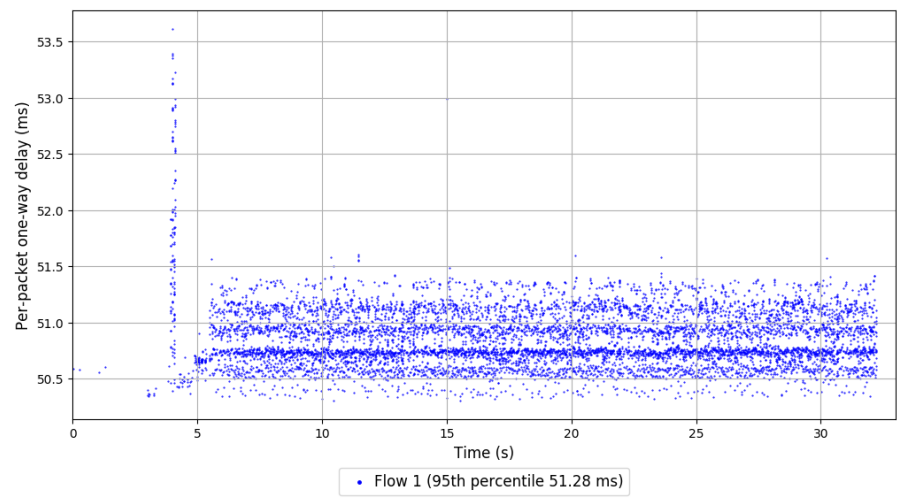
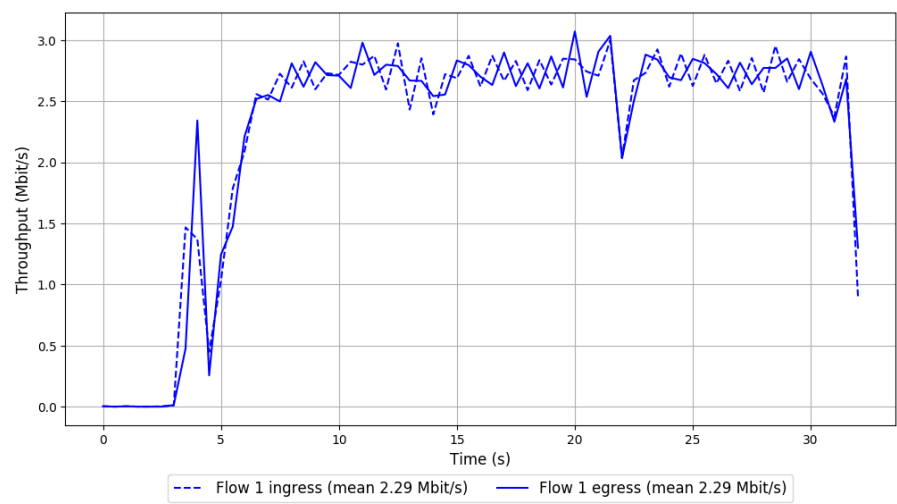
-- Flow 1:

Average throughput: 2.29 Mbit/s

95th percentile per-packet one-way delay: 51.283 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

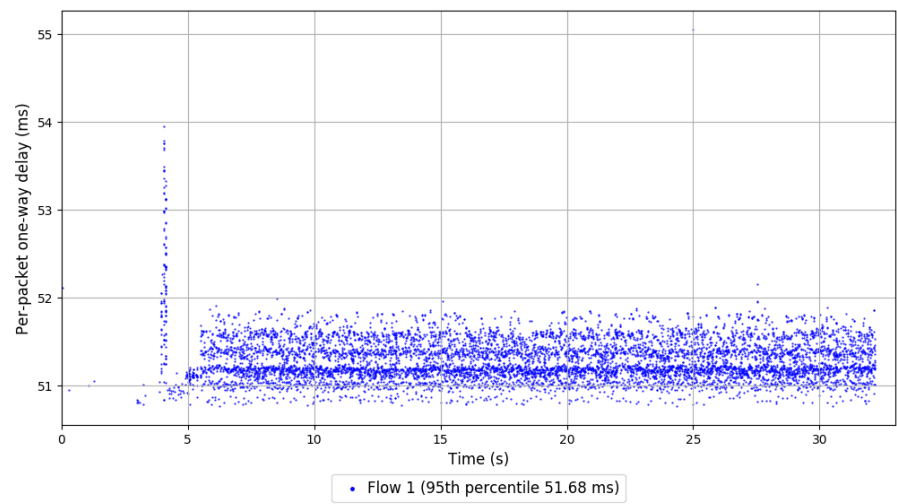
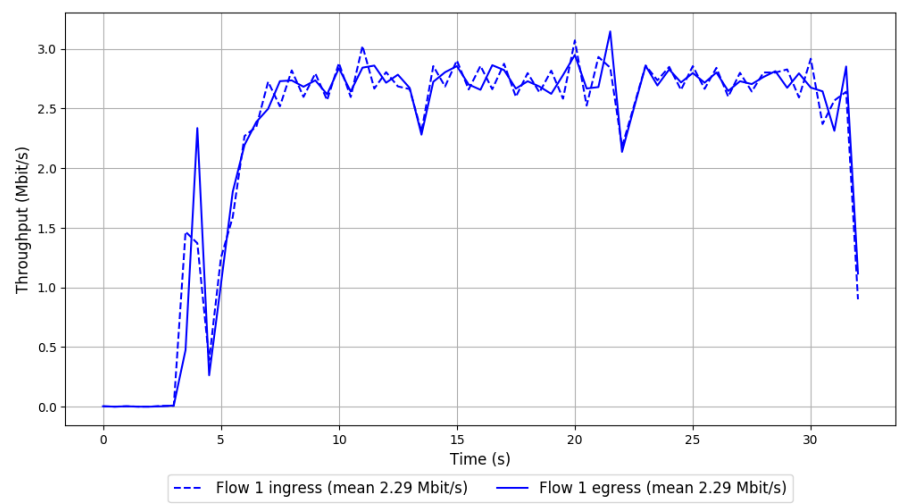


Run 4: Statistics of WebRTC media

Start at: 2017-09-21 13:36:34
End at: 2017-09-21 13:37:04
Local clock offset: 0.098 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 51.678 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

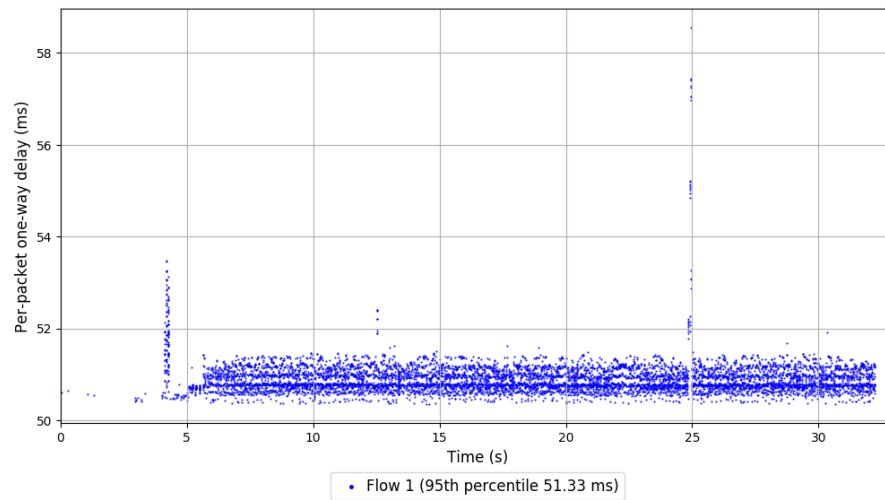
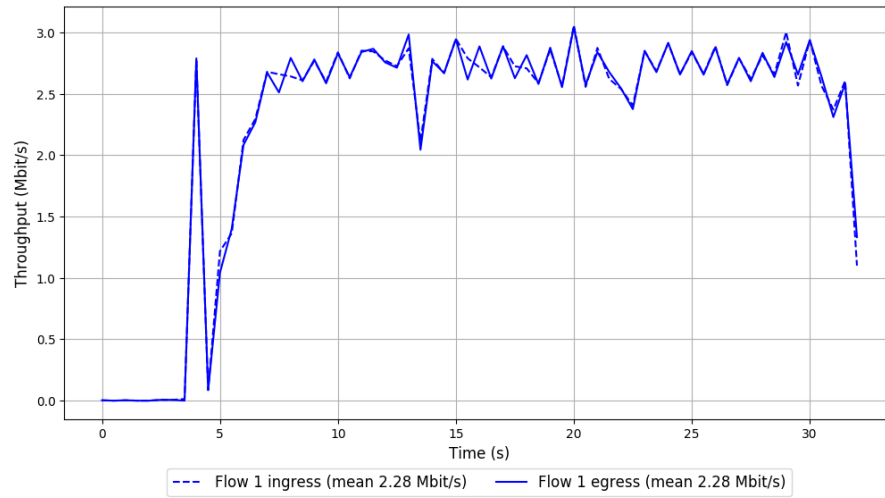


Run 5: Statistics of WebRTC media

Start at: 2017-09-21 13:55:23
End at: 2017-09-21 13:55:53
Local clock offset: 0.225 ms
Remote clock offset: -0.306 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.332 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 51.332 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

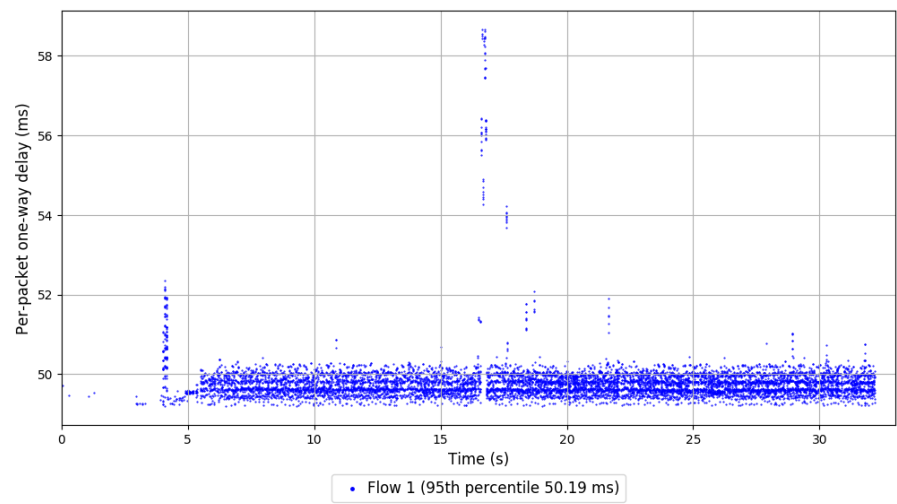
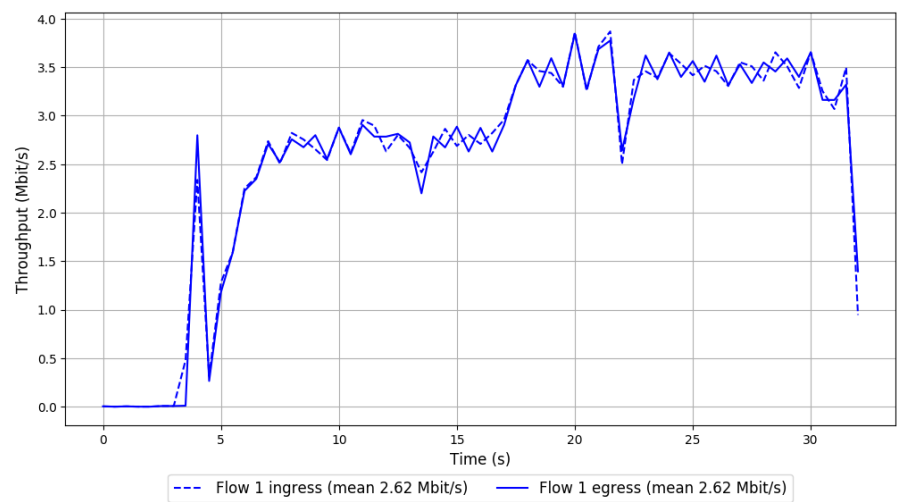


Run 6: Statistics of WebRTC media

Start at: 2017-09-21 14:14:09
End at: 2017-09-21 14:14:39
Local clock offset: 0.072 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 50.193 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 50.193 ms
Loss rate: 0.12%

Run 6: Report of WebRTC media — Data Link

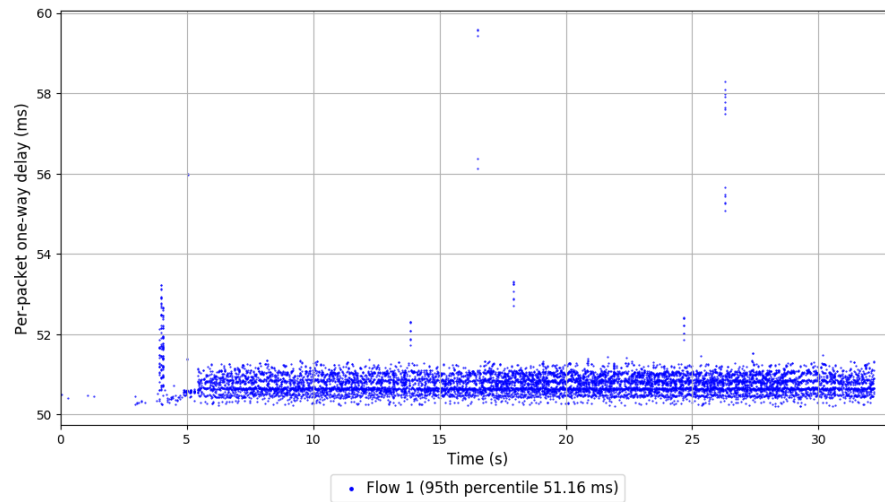
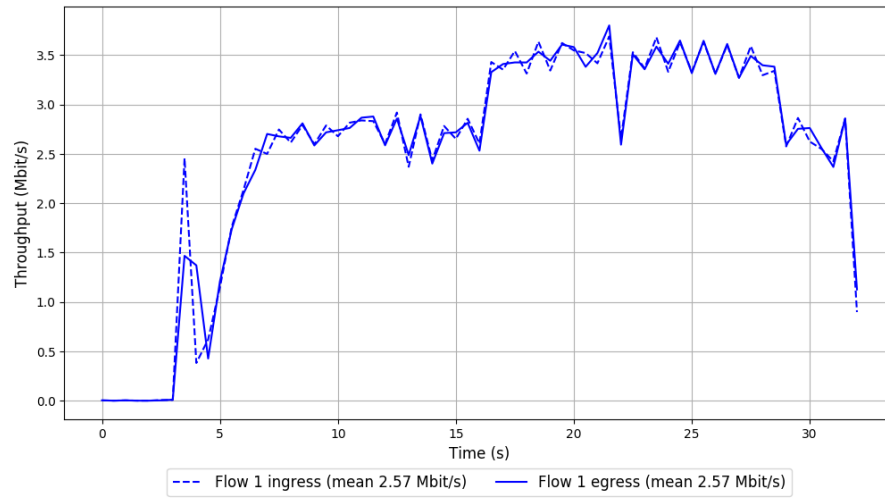


Run 7: Statistics of WebRTC media

Start at: 2017-09-21 14:32:52
End at: 2017-09-21 14:33:22
Local clock offset: 0.161 ms
Remote clock offset: -0.637 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 51.165 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 51.165 ms
Loss rate: 0.07%

Run 7: Report of WebRTC media — Data Link

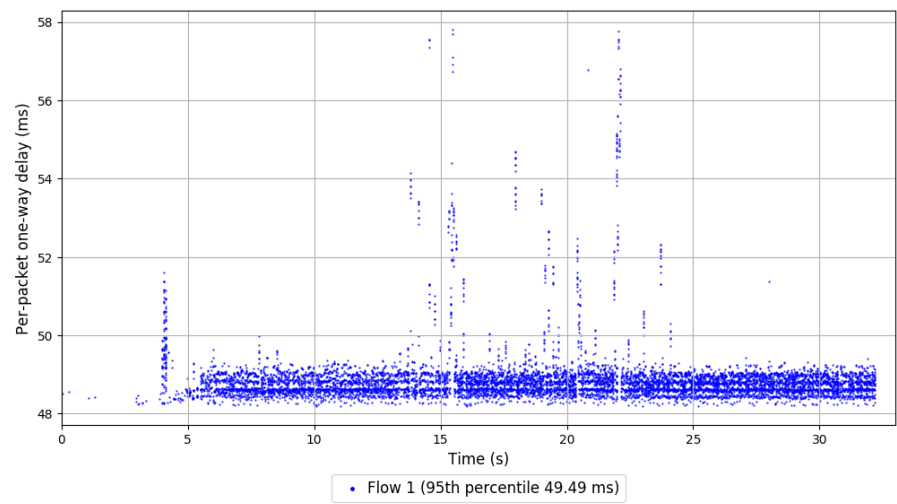
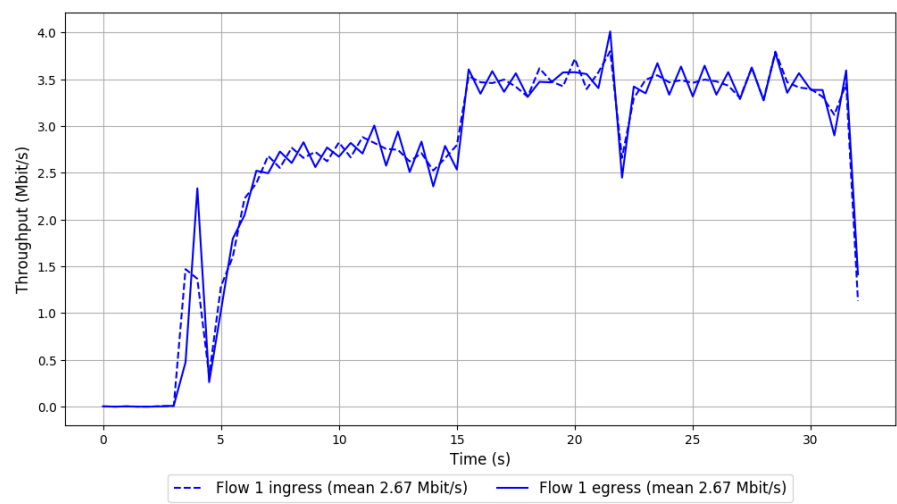


Run 8: Statistics of WebRTC media

Start at: 2017-09-21 14:51:36
End at: 2017-09-21 14:52:06
Local clock offset: 0.069 ms
Remote clock offset: -2.754 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 49.493 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 49.493 ms
Loss rate: 0.09%

Run 8: Report of WebRTC media — Data Link

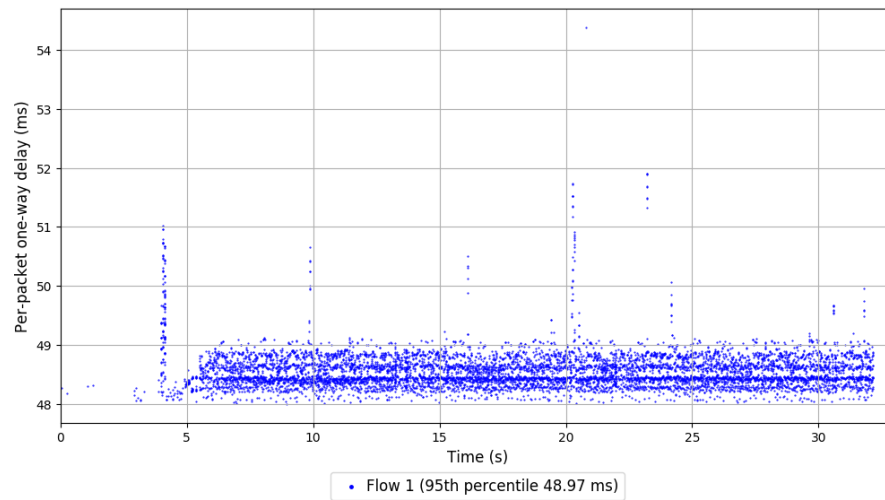
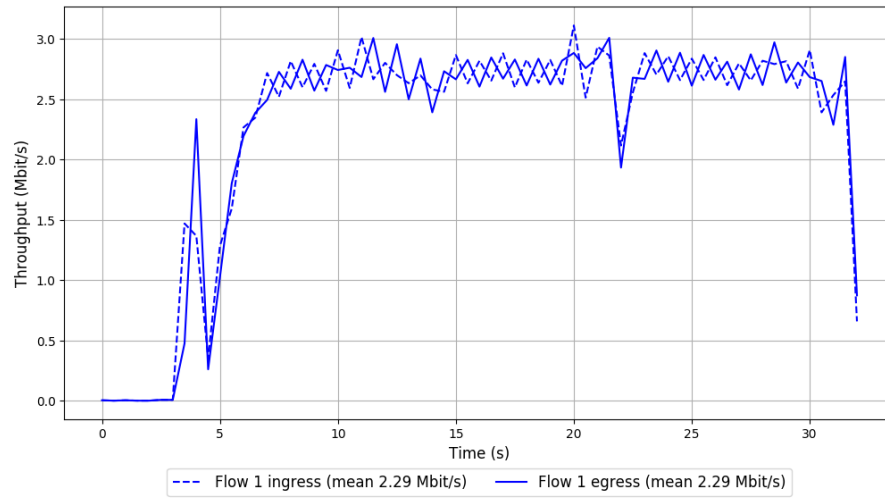


Run 9: Statistics of WebRTC media

Start at: 2017-09-21 15:10:24
End at: 2017-09-21 15:10:54
Local clock offset: 0.079 ms
Remote clock offset: -2.769 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 48.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 48.965 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

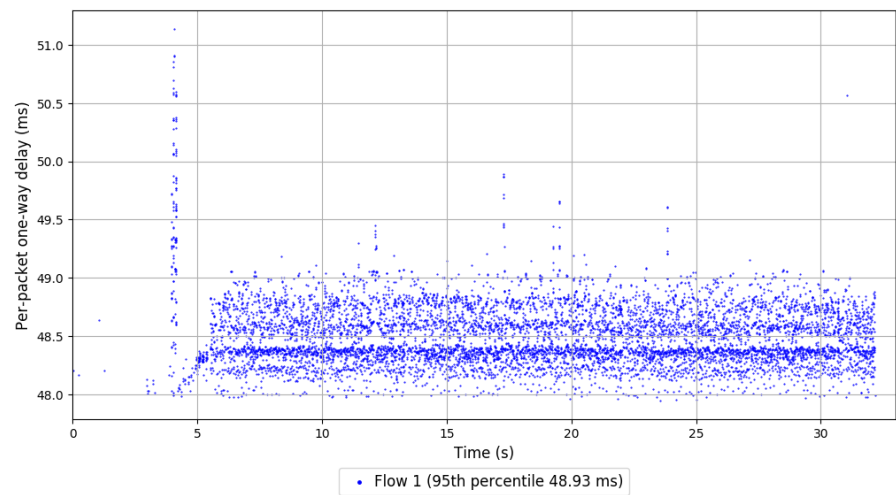
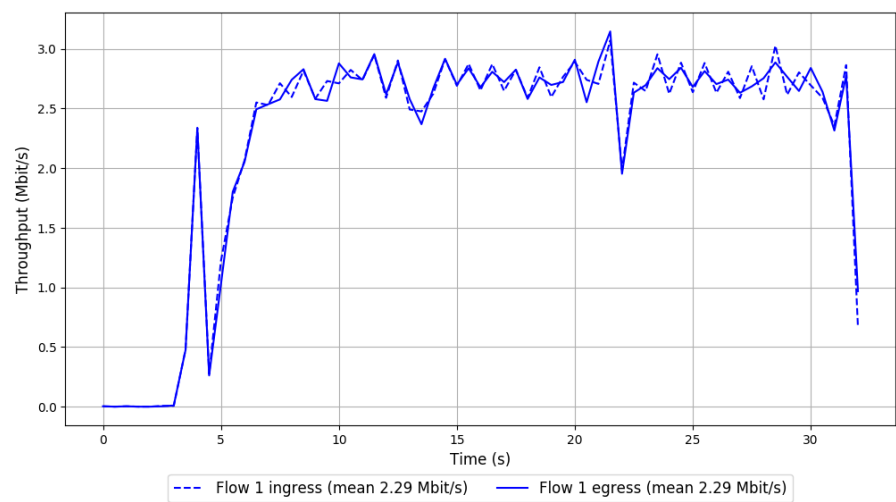


Run 10: Statistics of WebRTC media

Start at: 2017-09-21 15:29:11
End at: 2017-09-21 15:29:41
Local clock offset: 0.069 ms
Remote clock offset: -2.841 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 48.927 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 48.927 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-09-21 12:24:15

End at: 2017-09-21 12:24:45

Local clock offset: 0.145 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.78 Mbit/s

95th percentile per-packet one-way delay: 53.507 ms

Loss rate: 0.00%

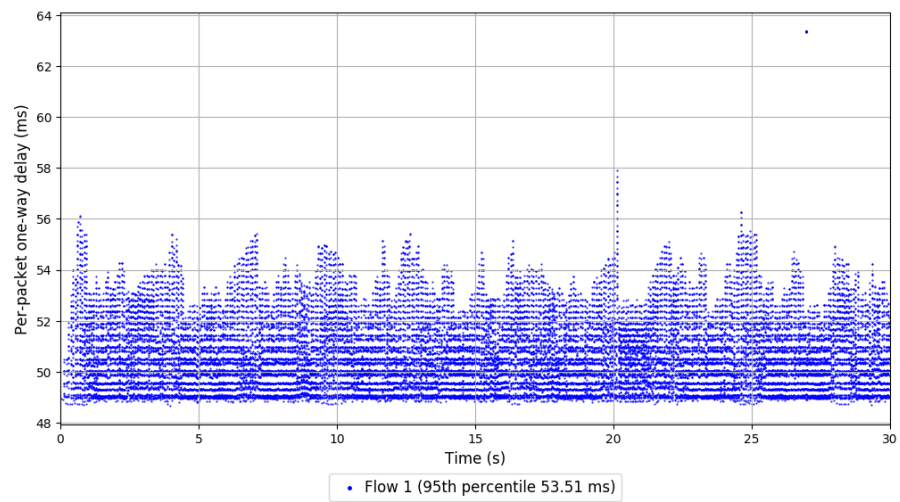
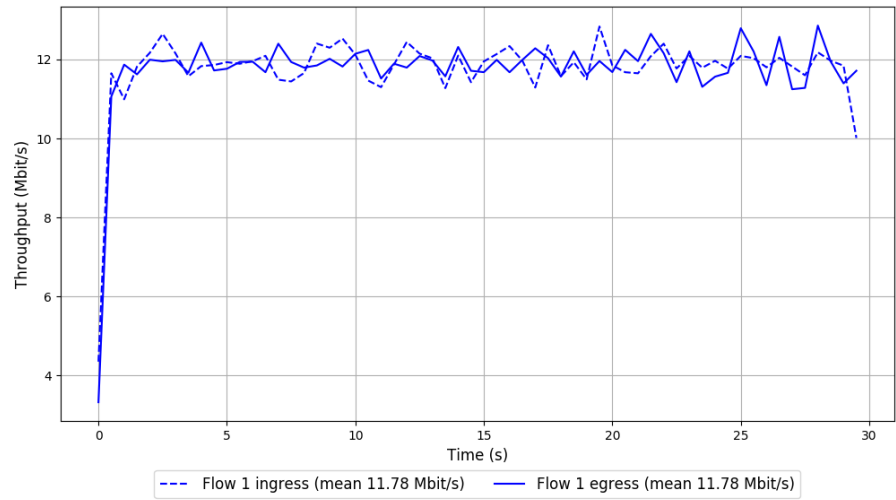
-- Flow 1:

Average throughput: 11.78 Mbit/s

95th percentile per-packet one-way delay: 53.507 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

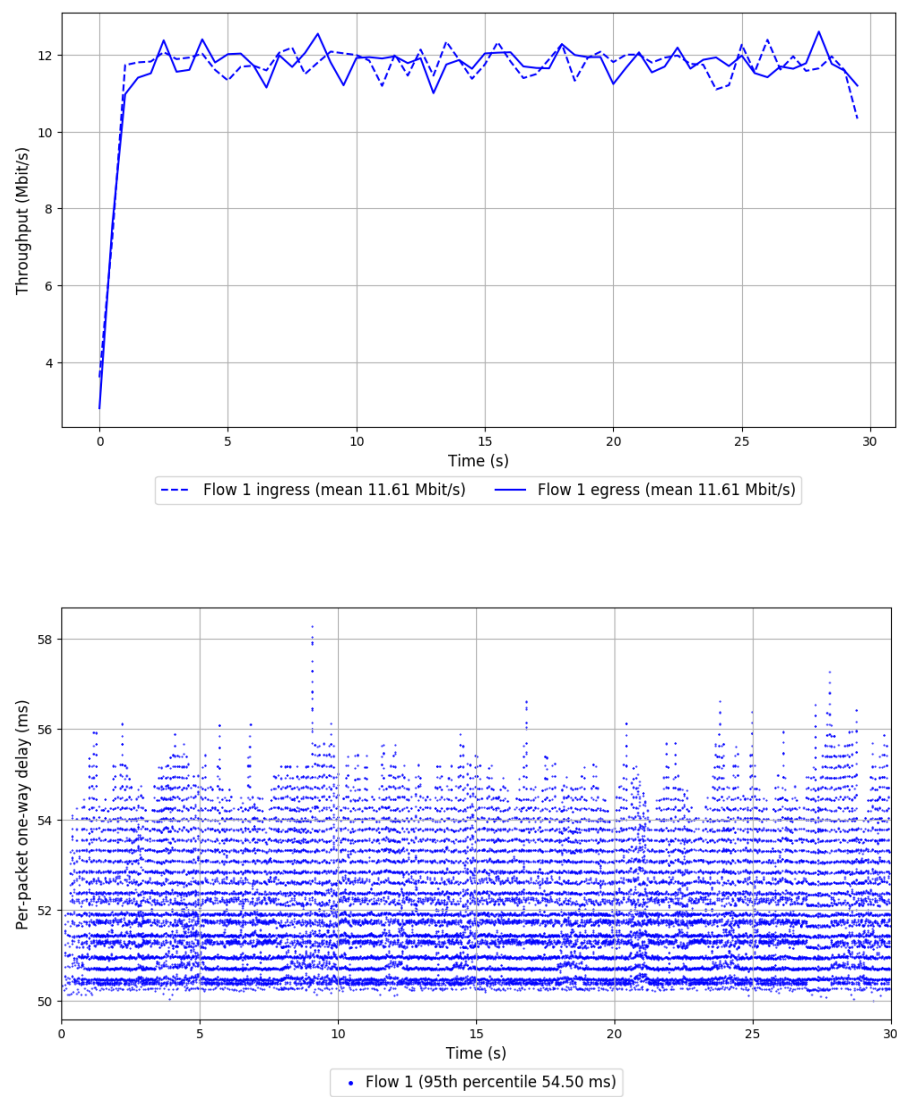


Run 2: Statistics of Sprout

Start at: 2017-09-21 12:42:57
End at: 2017-09-21 12:43:27
Local clock offset: 0.154 ms
Remote clock offset: -0.308 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 54.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.61 Mbit/s
95th percentile per-packet one-way delay: 54.497 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

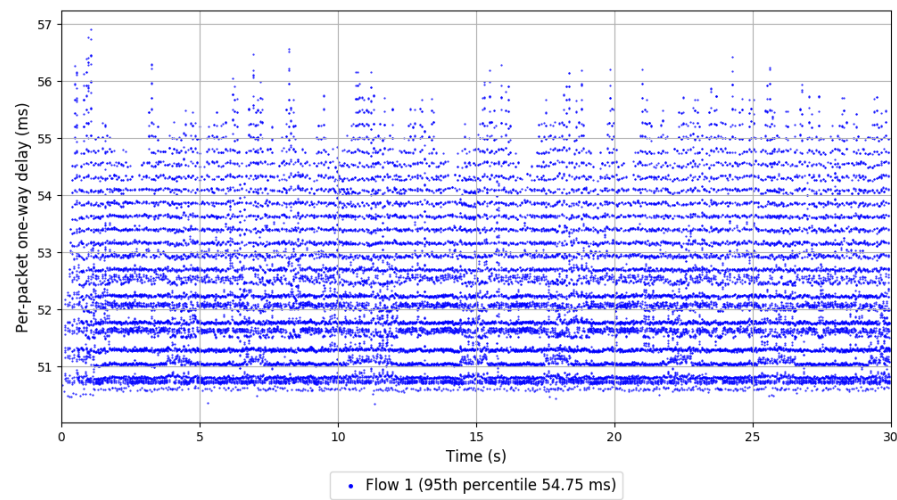
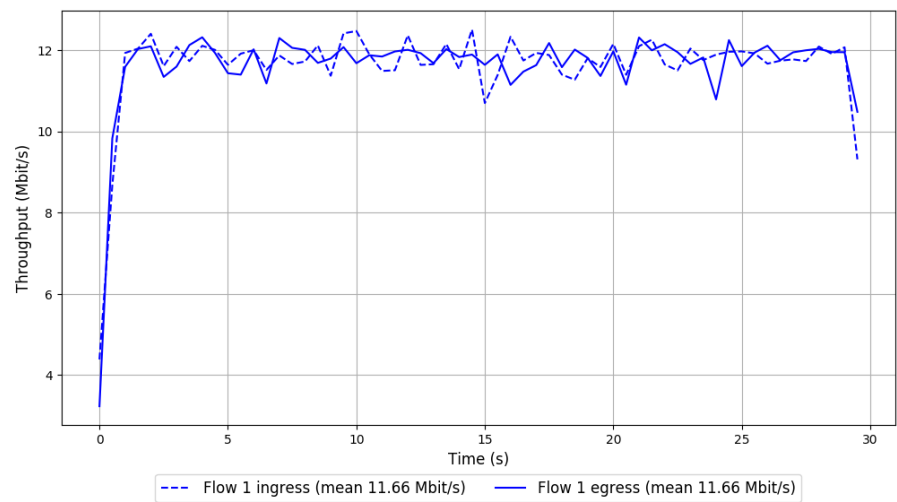


Run 3: Statistics of Sprout

Start at: 2017-09-21 13:01:44
End at: 2017-09-21 13:02:14
Local clock offset: 0.122 ms
Remote clock offset: -0.333 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 54.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.66 Mbit/s
95th percentile per-packet one-way delay: 54.749 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

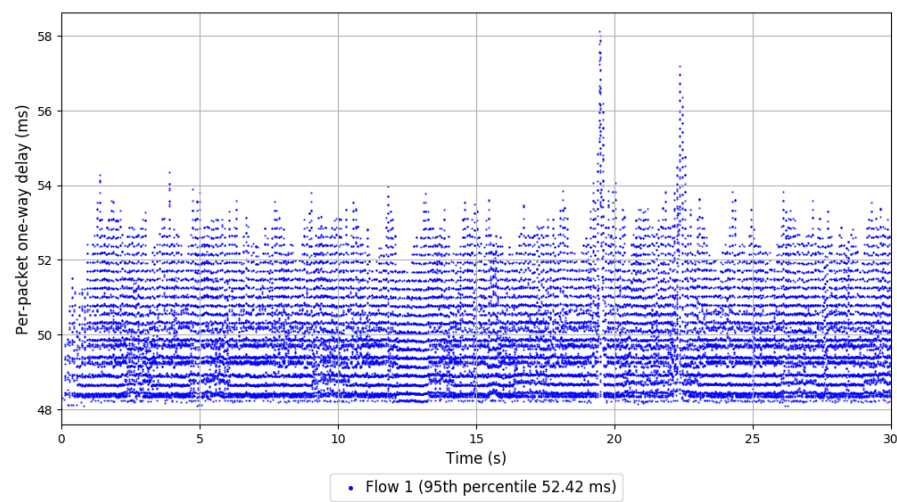
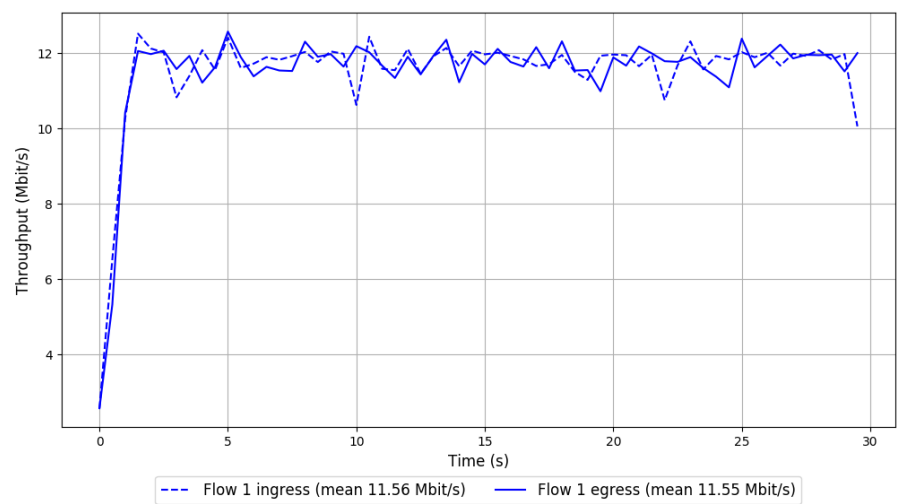


Run 4: Statistics of Sprout

Start at: 2017-09-21 13:20:29
End at: 2017-09-21 13:20:59
Local clock offset: 0.14 ms
Remote clock offset: -2.587 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 52.420 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 52.420 ms
Loss rate: 0.03%

Run 4: Report of Sprout — Data Link

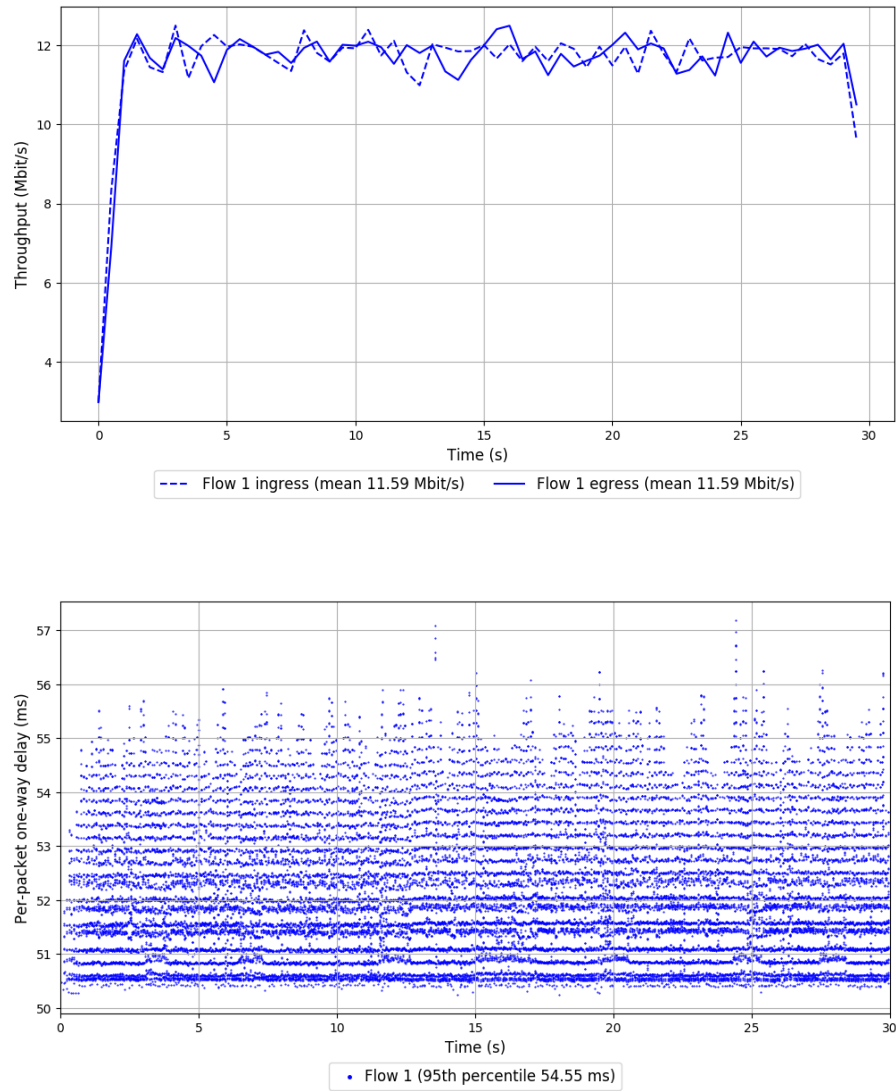


Run 5: Statistics of Sprout

Start at: 2017-09-21 13:39:14
End at: 2017-09-21 13:39:44
Local clock offset: 0.204 ms
Remote clock offset: -0.687 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 54.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 54.549 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-09-21 13:58:03

End at: 2017-09-21 13:58:33

Local clock offset: 0.113 ms

Remote clock offset: -0.62 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.44 Mbit/s

95th percentile per-packet one-way delay: 54.594 ms

Loss rate: 0.07%

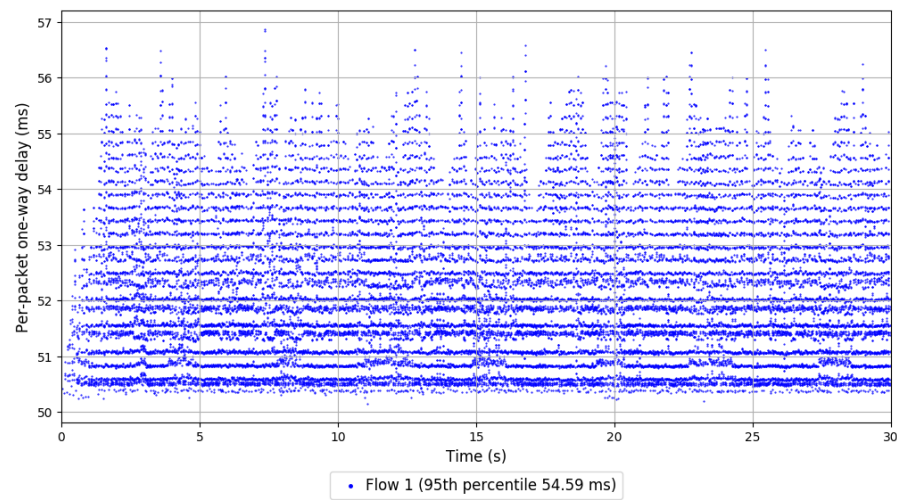
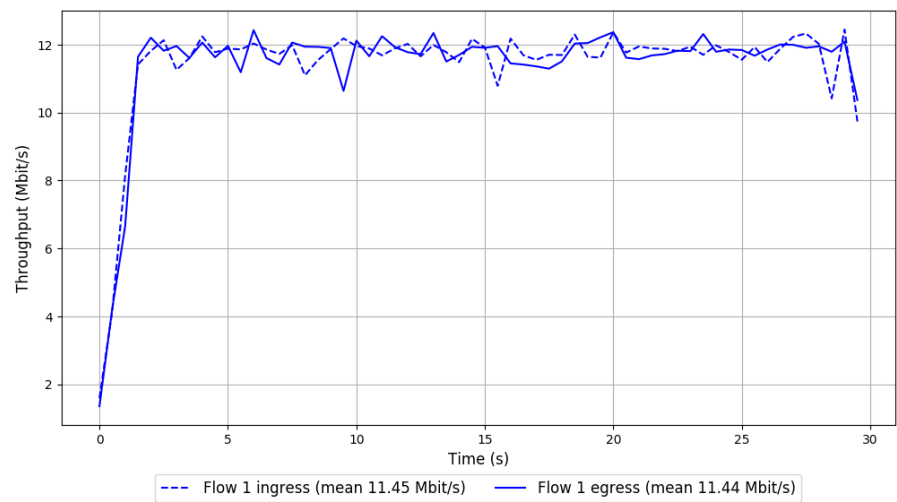
-- Flow 1:

Average throughput: 11.44 Mbit/s

95th percentile per-packet one-way delay: 54.594 ms

Loss rate: 0.07%

Run 6: Report of Sprout — Data Link

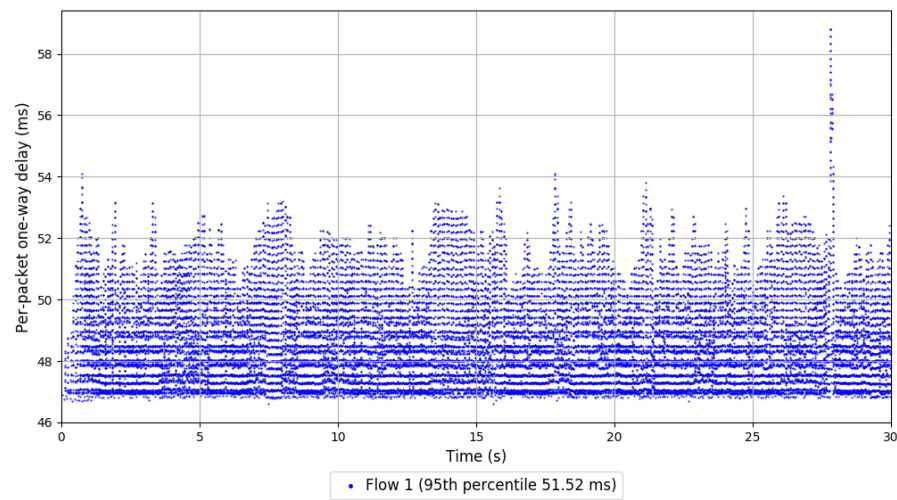
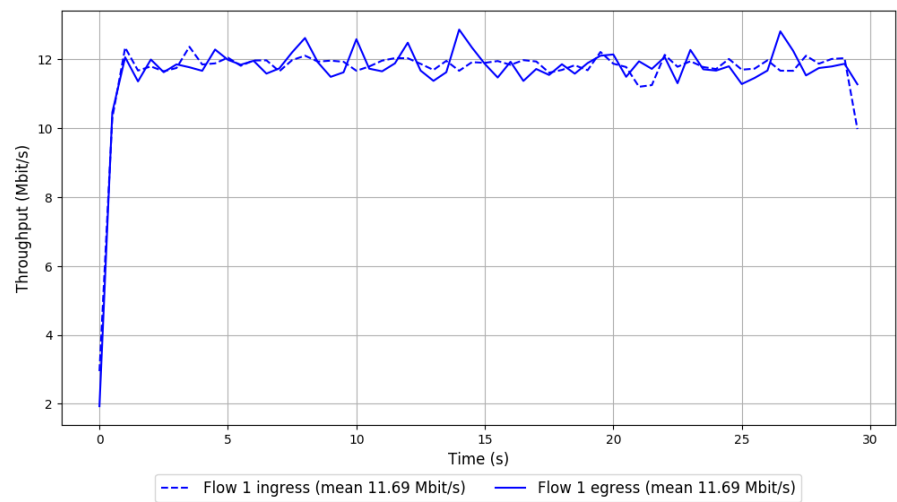


Run 7: Statistics of Sprout

Start at: 2017-09-21 14:16:48
End at: 2017-09-21 14:17:18
Local clock offset: 0.073 ms
Remote clock offset: -2.719 ms

Below is generated by plot.py at 2017-09-21 16:00:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 51.517 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 51.517 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-09-21 14:35:31

End at: 2017-09-21 14:36:01

Local clock offset: 0.06 ms

Remote clock offset: -0.7 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.57 Mbit/s

95th percentile per-packet one-way delay: 54.658 ms

Loss rate: 0.00%

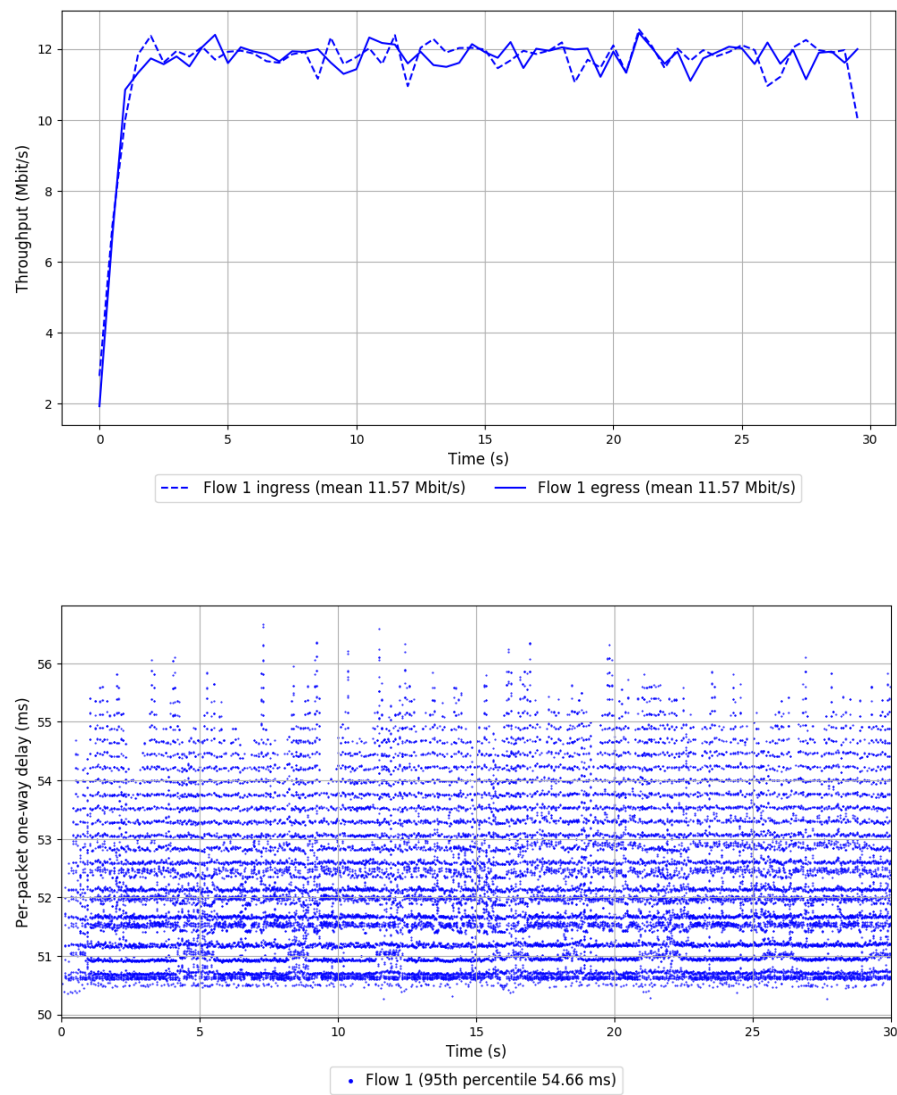
-- Flow 1:

Average throughput: 11.57 Mbit/s

95th percentile per-packet one-way delay: 54.658 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-09-21 14:54:15

End at: 2017-09-21 14:54:45

Local clock offset: 0.153 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.34 Mbit/s

95th percentile per-packet one-way delay: 55.065 ms

Loss rate: 0.00%

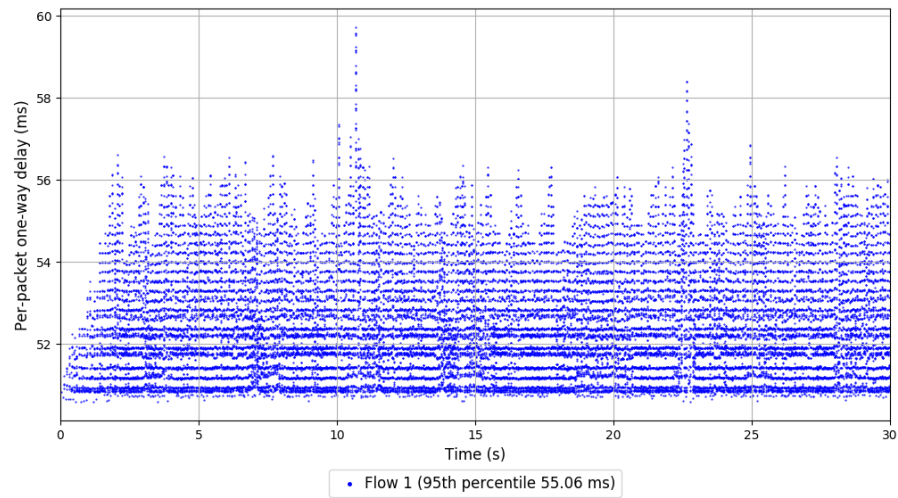
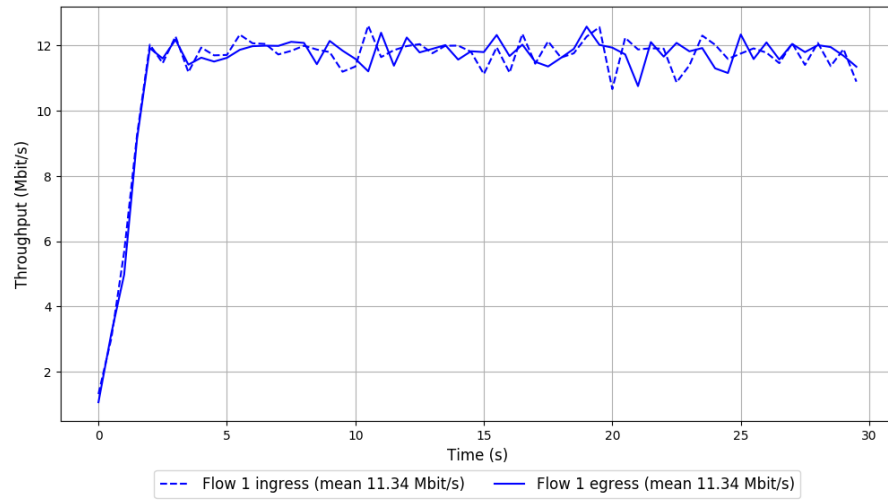
-- Flow 1:

Average throughput: 11.34 Mbit/s

95th percentile per-packet one-way delay: 55.065 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-09-21 15:13:04

End at: 2017-09-21 15:13:34

Local clock offset: 0.146 ms

Remote clock offset: -0.156 ms

Below is generated by plot.py at 2017-09-21 16:00:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.58 Mbit/s

95th percentile per-packet one-way delay: 55.207 ms

Loss rate: 0.01%

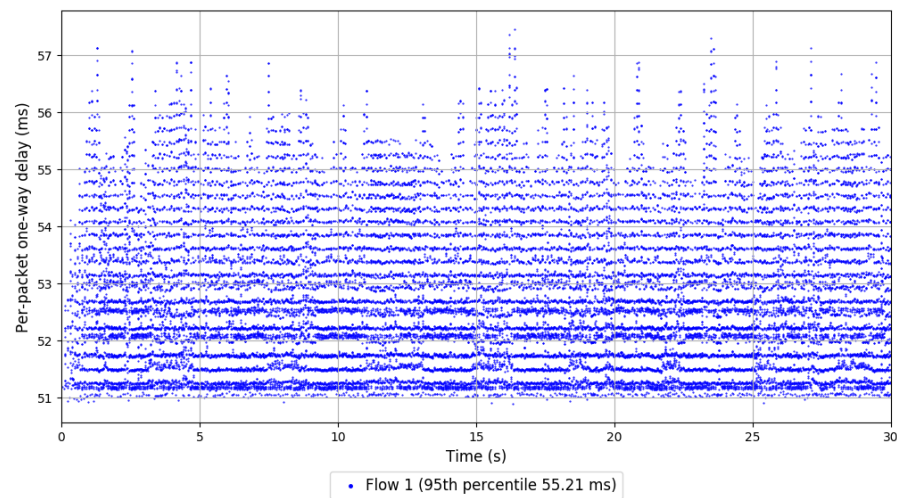
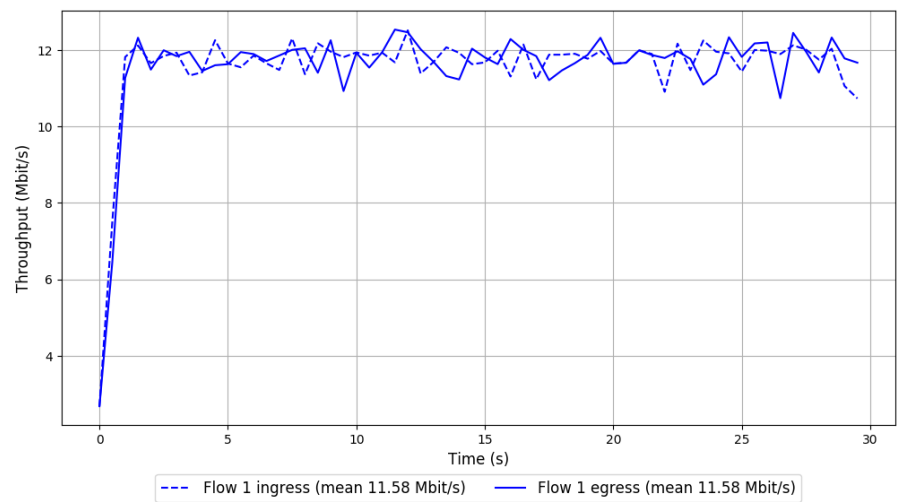
-- Flow 1:

Average throughput: 11.58 Mbit/s

95th percentile per-packet one-way delay: 55.207 ms

Loss rate: 0.01%

Run 10: Report of Sprout — Data Link

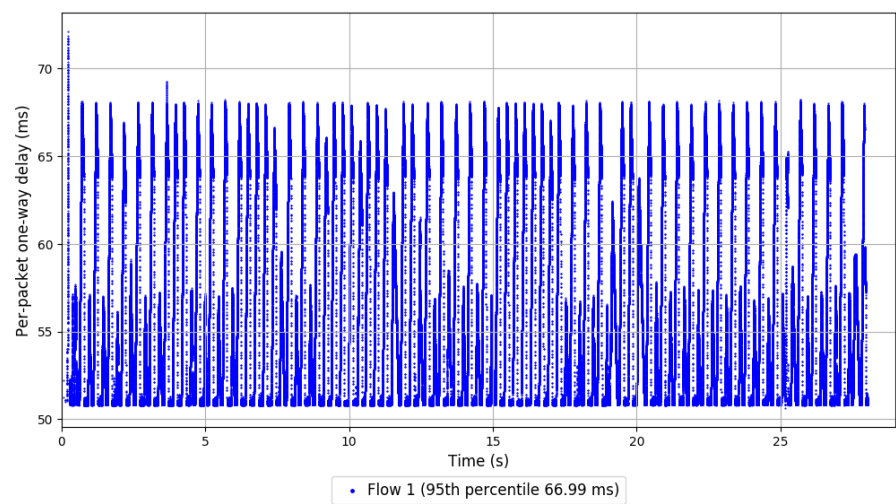
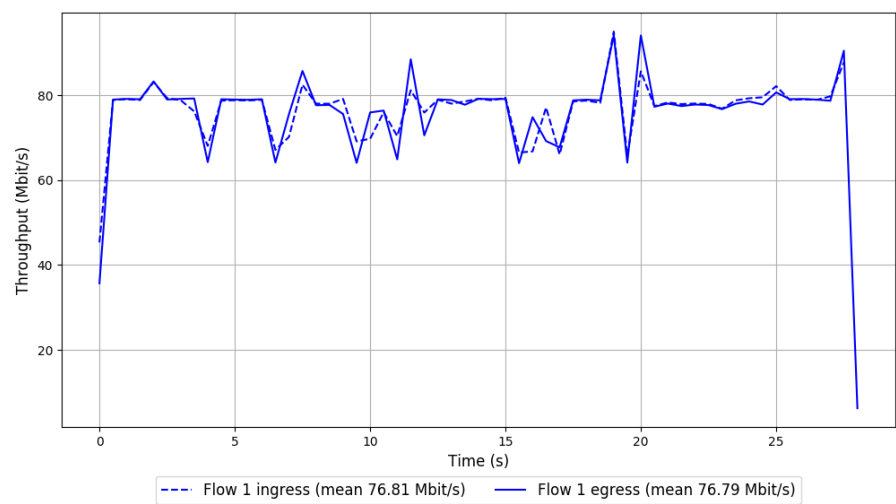


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-21 12:30:48
End at: 2017-09-21 12:31:18
Local clock offset: 0.255 ms
Remote clock offset: 0.288 ms

# Below is generated by plot.py at 2017-09-21 16:01:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.79 Mbit/s
95th percentile per-packet one-way delay: 66.986 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.79 Mbit/s
95th percentile per-packet one-way delay: 66.986 ms
Loss rate: 0.03%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-21 12:49:34

End at: 2017-09-21 12:50:04

Local clock offset: 0.149 ms

Remote clock offset: 0.118 ms

Below is generated by plot.py at 2017-09-21 16:01:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.87 Mbit/s

95th percentile per-packet one-way delay: 67.336 ms

Loss rate: 0.13%

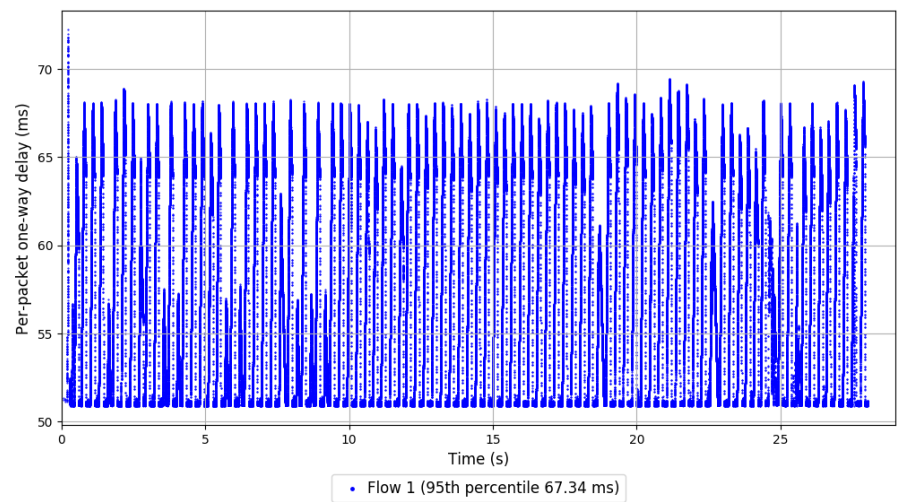
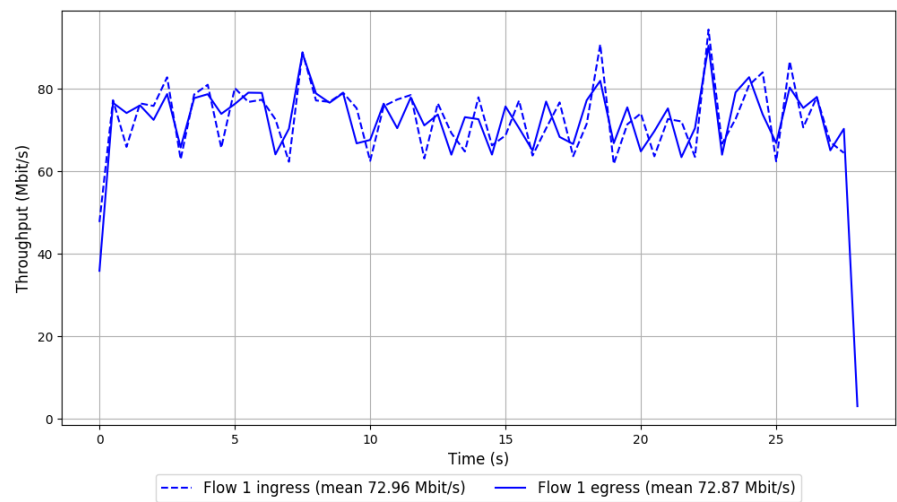
-- Flow 1:

Average throughput: 72.87 Mbit/s

95th percentile per-packet one-way delay: 67.336 ms

Loss rate: 0.13%

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

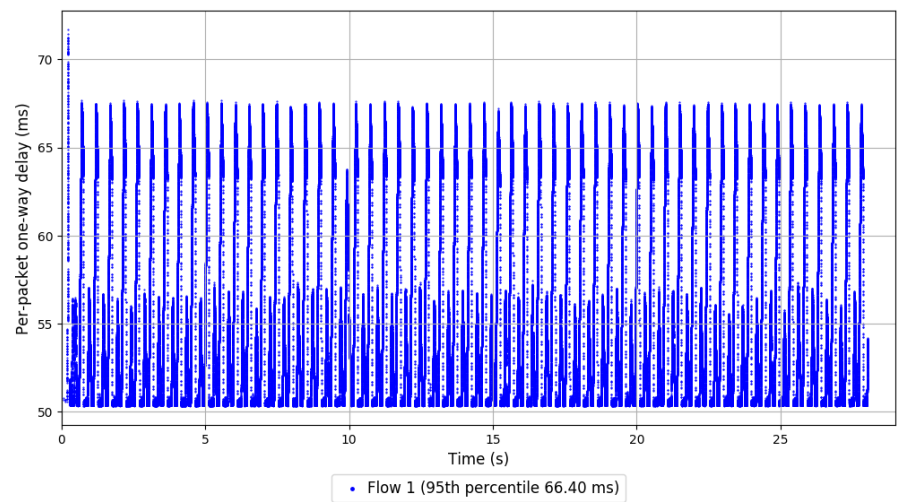
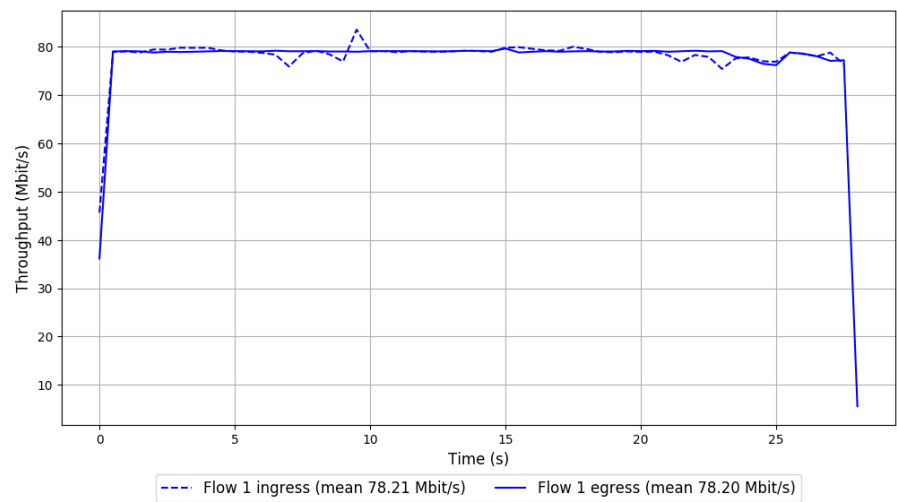


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-21 13:08:21
End at: 2017-09-21 13:08:51
Local clock offset: 0.137 ms
Remote clock offset: -0.368 ms

Below is generated by plot.py at 2017-09-21 16:02:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.20 Mbit/s
95th percentile per-packet one-way delay: 66.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.20 Mbit/s
95th percentile per-packet one-way delay: 66.402 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-21 13:27:06

End at: 2017-09-21 13:27:36

Local clock offset: 0.225 ms

Remote clock offset: -0.172 ms

Below is generated by plot.py at 2017-09-21 16:02:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.10 Mbit/s

95th percentile per-packet one-way delay: 66.872 ms

Loss rate: 0.01%

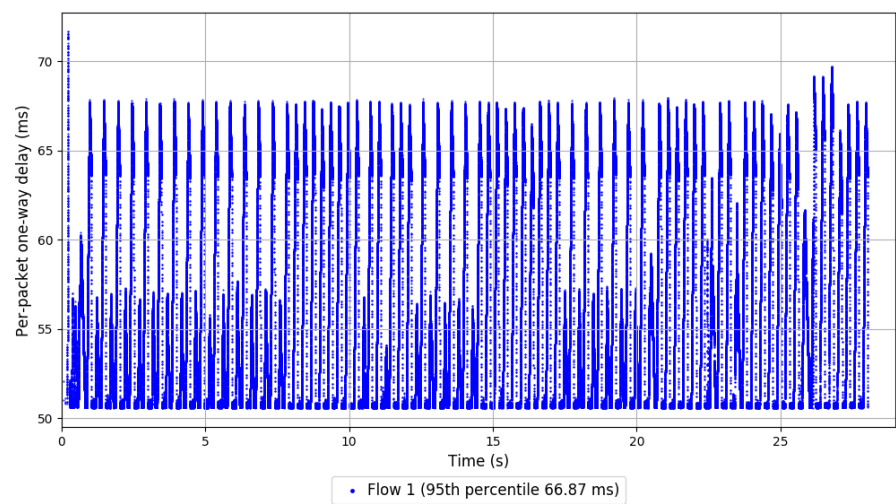
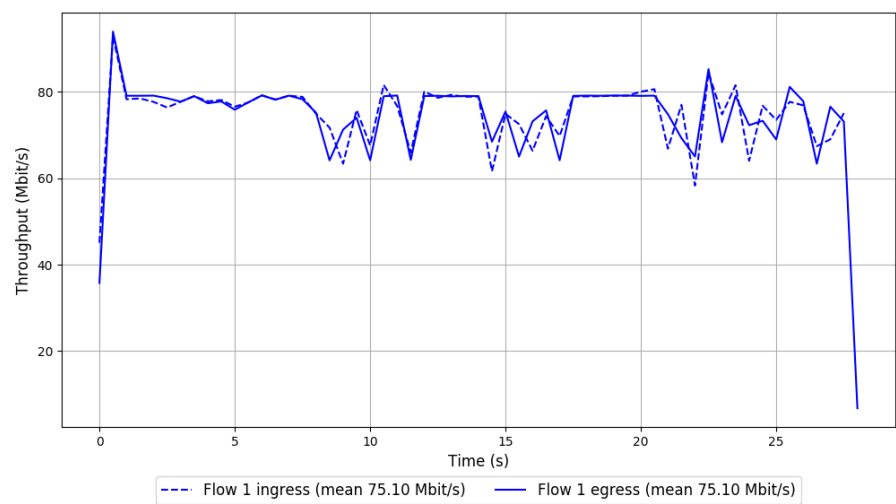
-- Flow 1:

Average throughput: 75.10 Mbit/s

95th percentile per-packet one-way delay: 66.872 ms

Loss rate: 0.01%

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

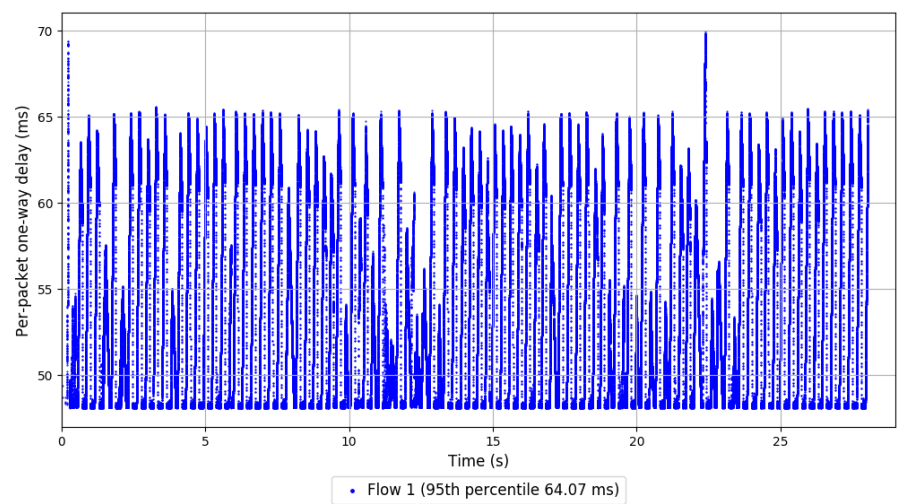
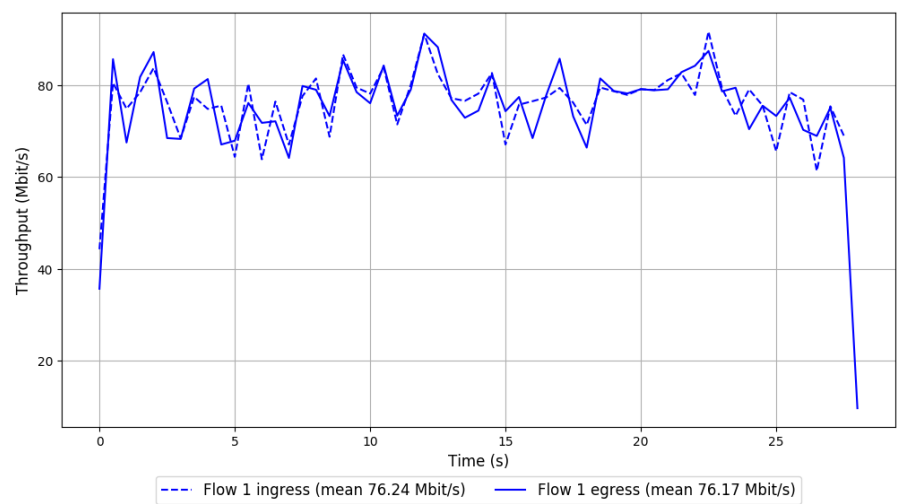


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-21 13:45:51
End at: 2017-09-21 13:46:21
Local clock offset: 0.233 ms
Remote clock offset: -2.751 ms

Below is generated by plot.py at 2017-09-21 16:02:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 64.069 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 64.069 ms
Loss rate: 0.04%

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

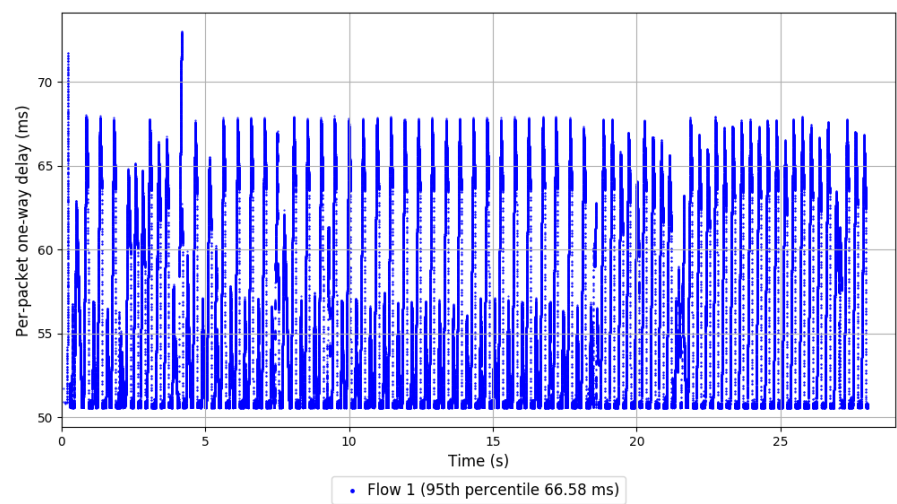
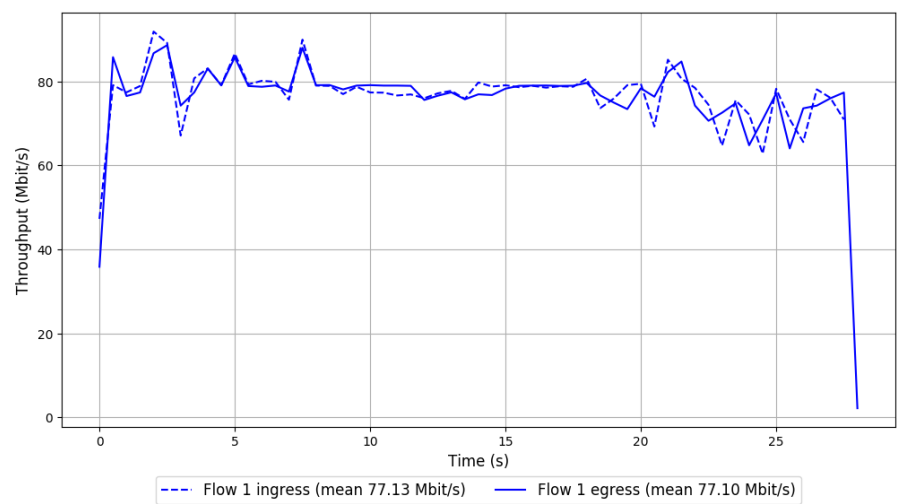


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-21 14:04:41
End at: 2017-09-21 14:05:11
Local clock offset: 0.192 ms
Remote clock offset: -0.548 ms

Below is generated by plot.py at 2017-09-21 16:02:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 66.578 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 66.578 ms
Loss rate: 0.05%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-09-21 14:23:24

End at: 2017-09-21 14:23:54

Local clock offset: 0.161 ms

Remote clock offset: -2.771 ms

Below is generated by plot.py at 2017-09-21 16:02:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.38 Mbit/s

95th percentile per-packet one-way delay: 64.416 ms

Loss rate: 0.00%

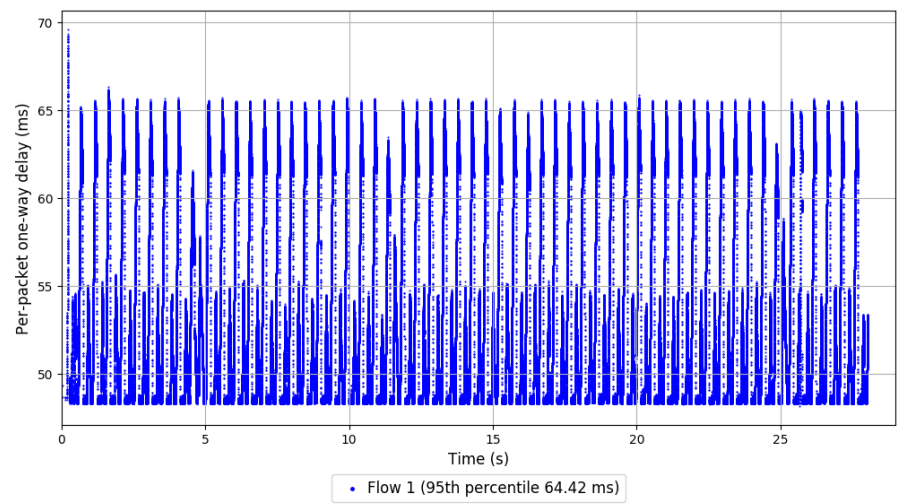
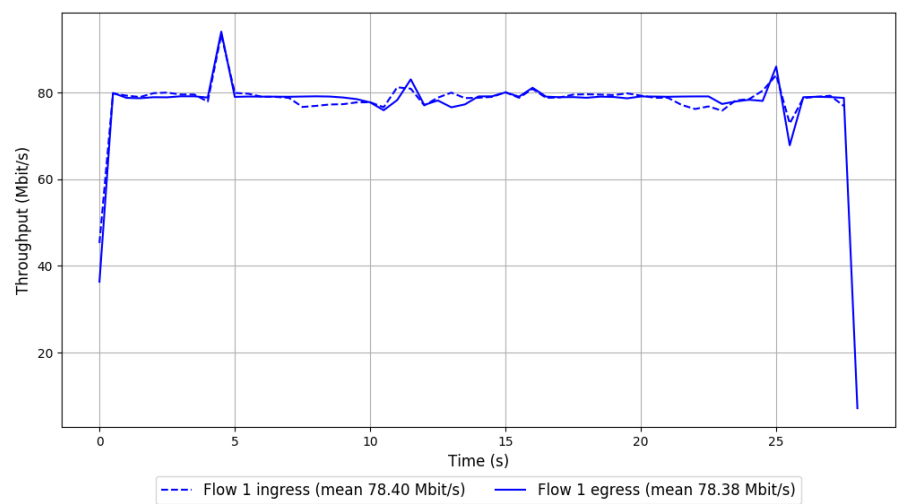
-- Flow 1:

Average throughput: 78.38 Mbit/s

95th percentile per-packet one-way delay: 64.416 ms

Loss rate: 0.00%

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

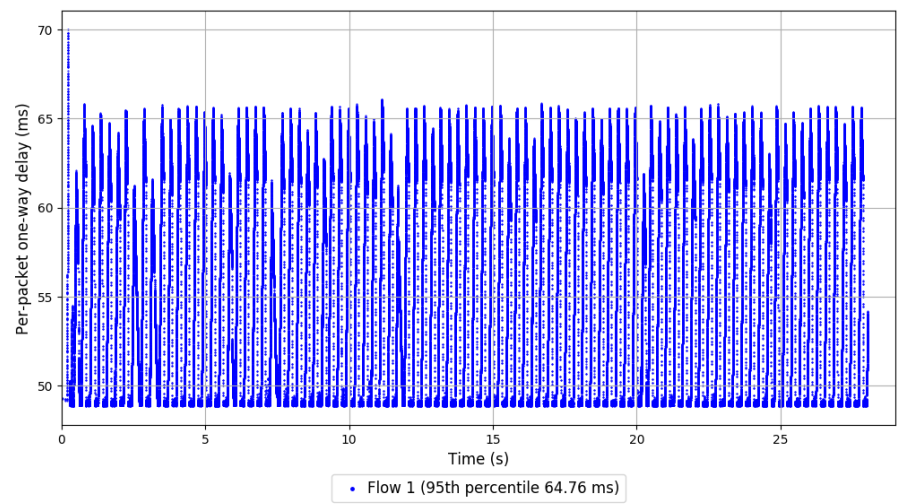
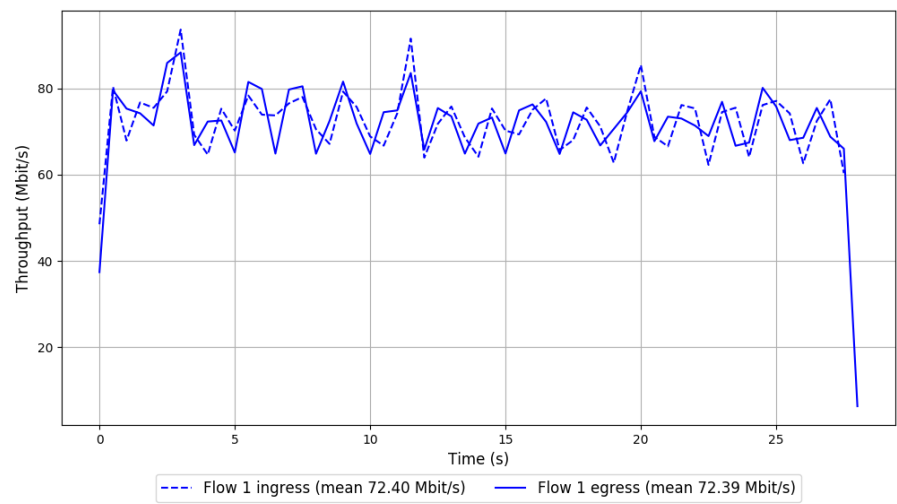


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-21 14:42:08
End at: 2017-09-21 14:42:38
Local clock offset: 0.078 ms
Remote clock offset: -0.637 ms

Below is generated by plot.py at 2017-09-21 16:02:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.39 Mbit/s
95th percentile per-packet one-way delay: 64.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.39 Mbit/s
95th percentile per-packet one-way delay: 64.760 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-21 15:00:48

End at: 2017-09-21 15:01:18

Local clock offset: 0.069 ms

Remote clock offset: -0.204 ms

Below is generated by plot.py at 2017-09-21 16:03:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.15 Mbit/s

95th percentile per-packet one-way delay: 66.791 ms

Loss rate: 0.14%

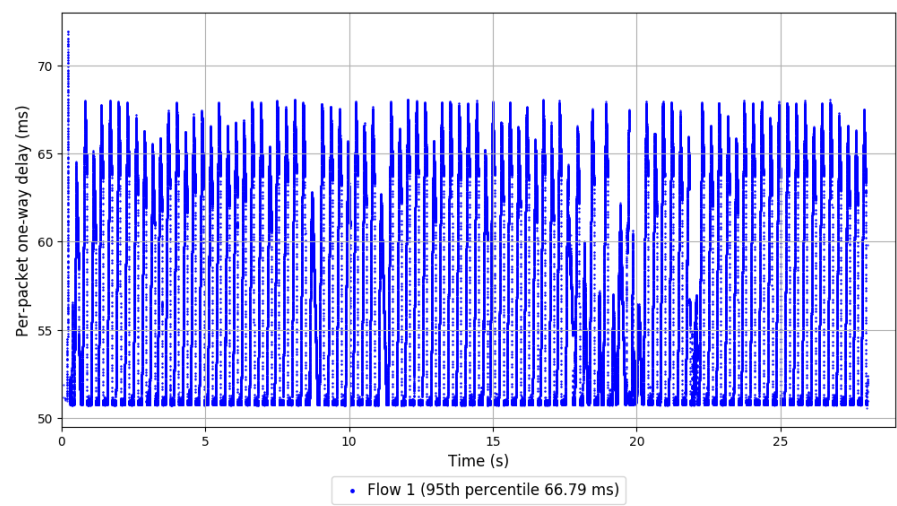
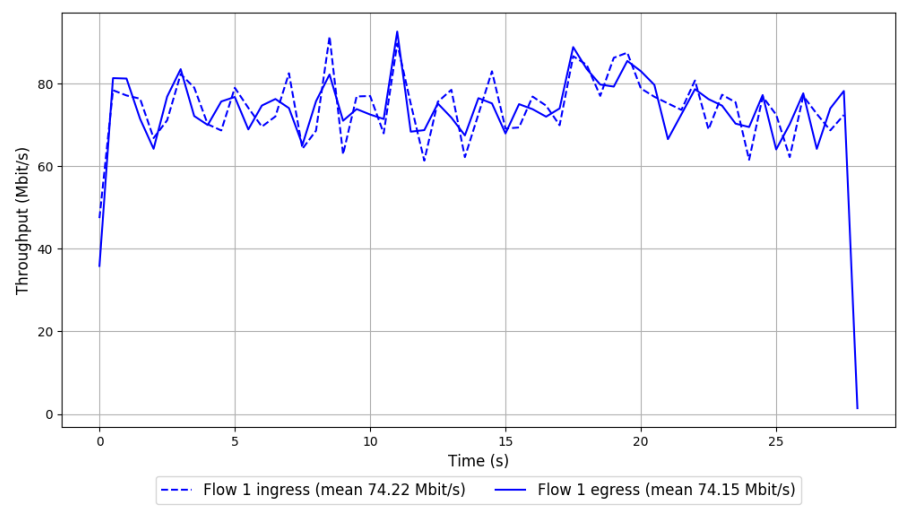
-- Flow 1:

Average throughput: 74.15 Mbit/s

95th percentile per-packet one-way delay: 66.791 ms

Loss rate: 0.14%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-21 15:19:42

End at: 2017-09-21 15:20:12

Local clock offset: 0.151 ms

Remote clock offset: -0.678 ms

Below is generated by plot.py at 2017-09-21 16:03:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.48 Mbit/s

95th percentile per-packet one-way delay: 66.468 ms

Loss rate: 0.05%

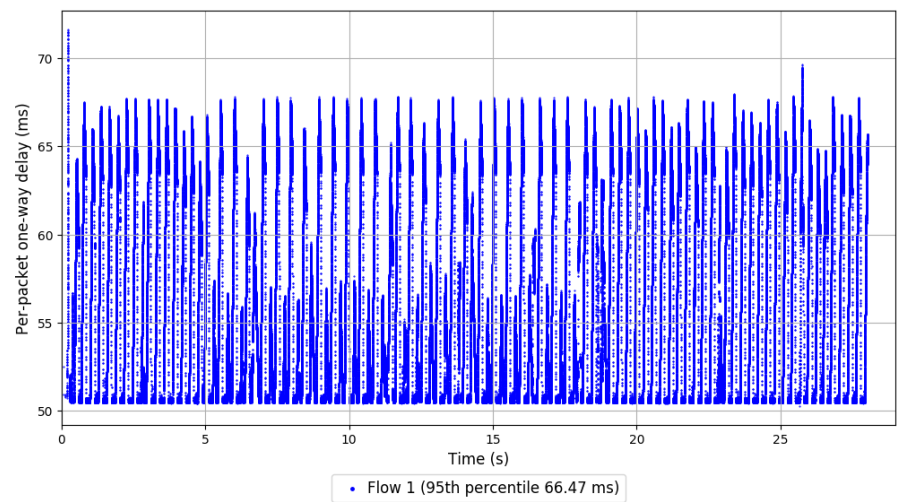
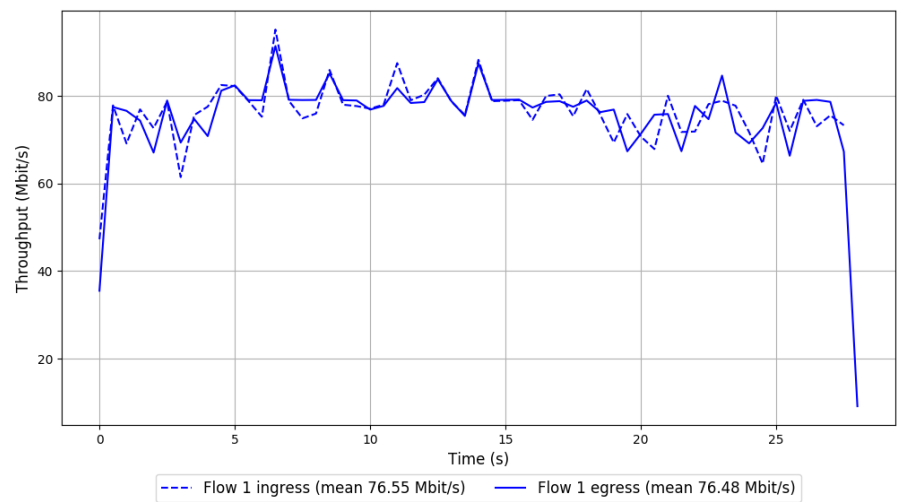
-- Flow 1:

Average throughput: 76.48 Mbit/s

95th percentile per-packet one-way delay: 66.468 ms

Loss rate: 0.05%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-09-21 12:28:07

End at: 2017-09-21 12:28:37

Local clock offset: 0.247 ms

Remote clock offset: 0.352 ms

Below is generated by plot.py at 2017-09-21 16:03:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.43 Mbit/s

95th percentile per-packet one-way delay: 52.824 ms

Loss rate: 0.39%

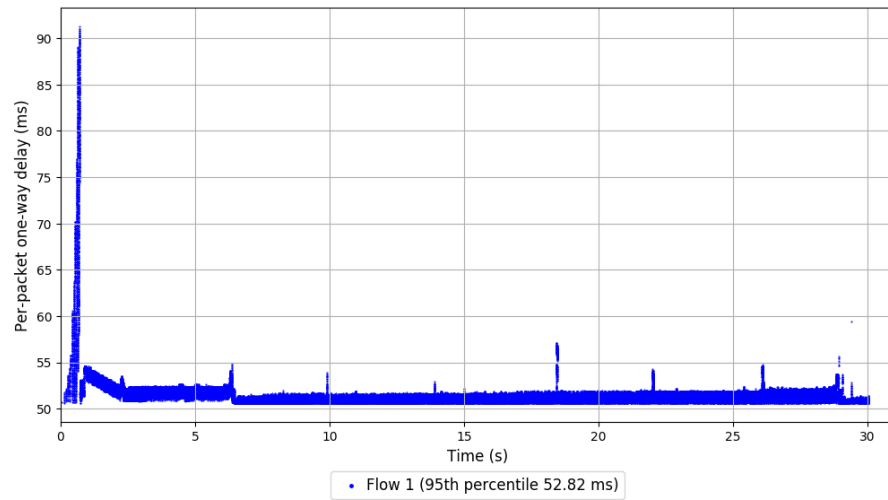
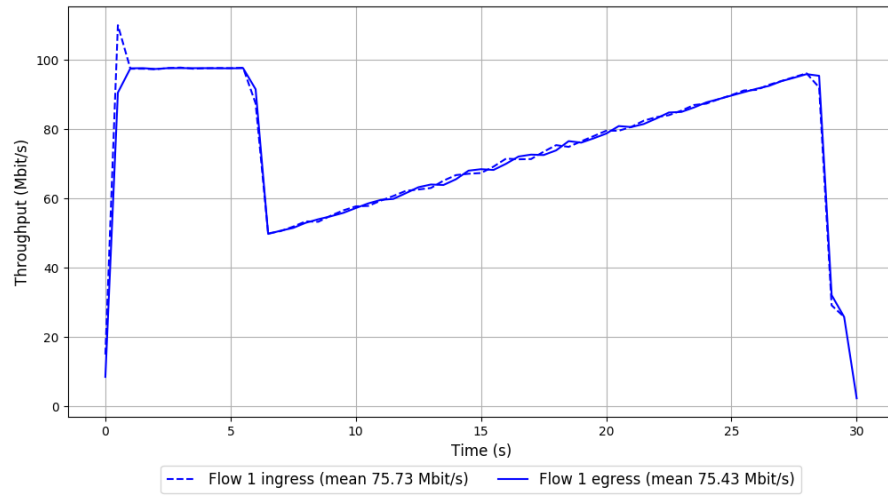
-- Flow 1:

Average throughput: 75.43 Mbit/s

95th percentile per-packet one-way delay: 52.824 ms

Loss rate: 0.39%

Run 1: Report of TCP Vegas — Data Link

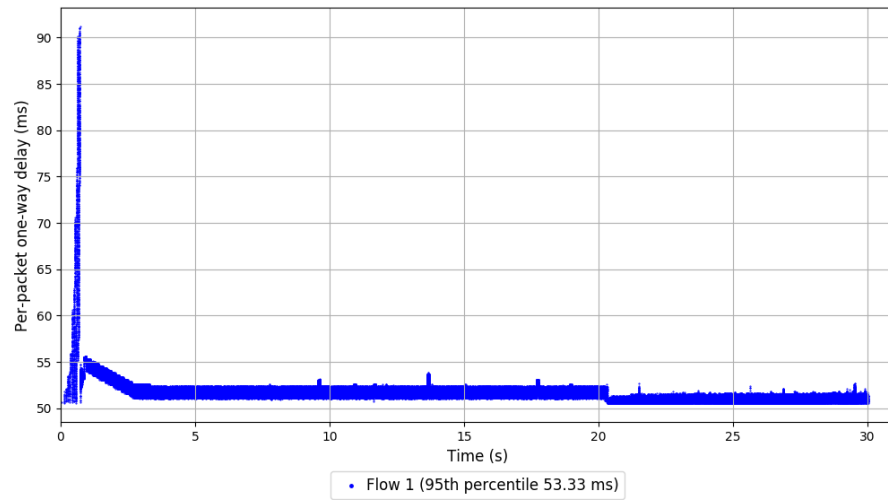
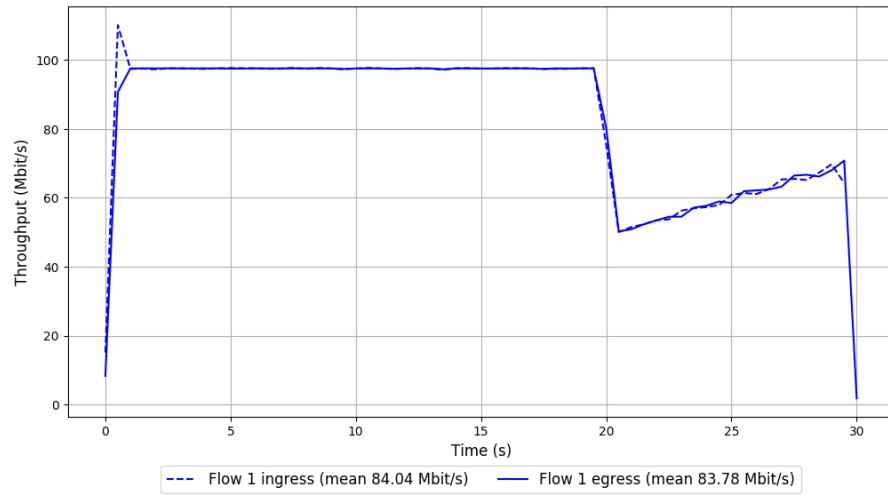


Run 2: Statistics of TCP Vegas

Start at: 2017-09-21 12:46:53
End at: 2017-09-21 12:47:23
Local clock offset: 0.153 ms
Remote clock offset: -0.179 ms

Below is generated by plot.py at 2017-09-21 16:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 53.328 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 53.328 ms
Loss rate: 0.31%

Run 2: Report of TCP Vegas — Data Link

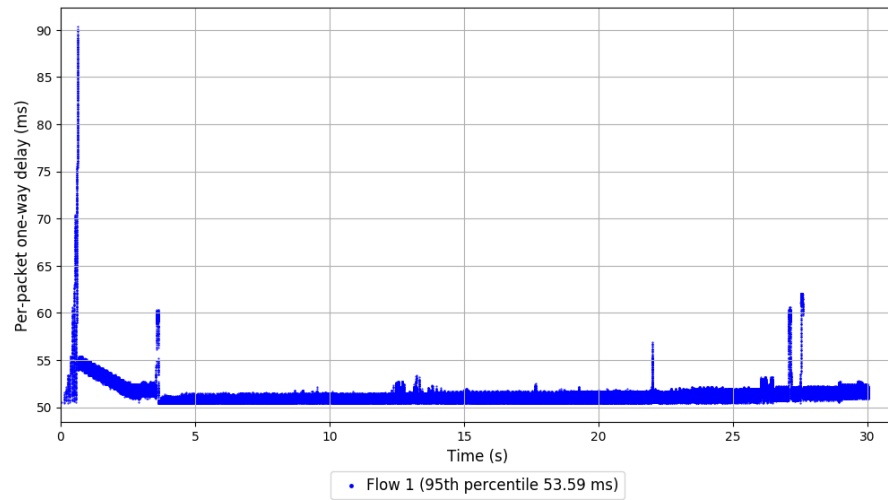
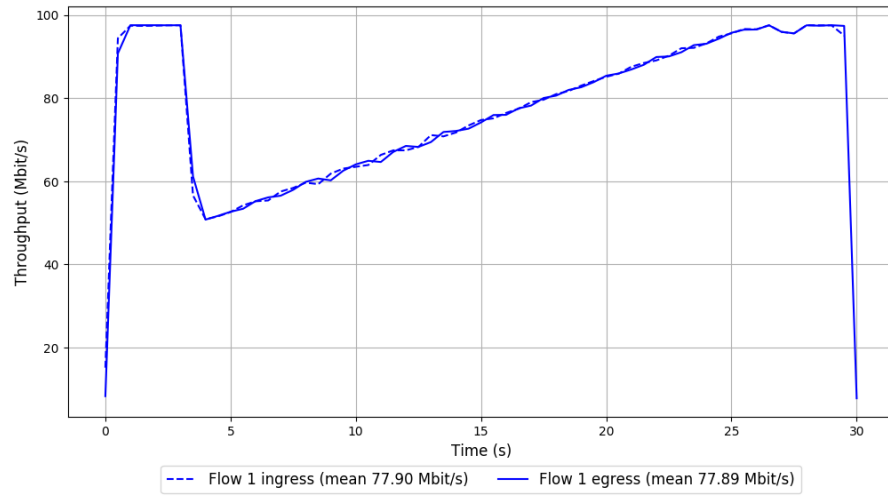


Run 3: Statistics of TCP Vegas

Start at: 2017-09-21 13:05:40
End at: 2017-09-21 13:06:10
Local clock offset: 0.13 ms
Remote clock offset: -0.416 ms

Below is generated by plot.py at 2017-09-21 16:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 53.586 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 53.586 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

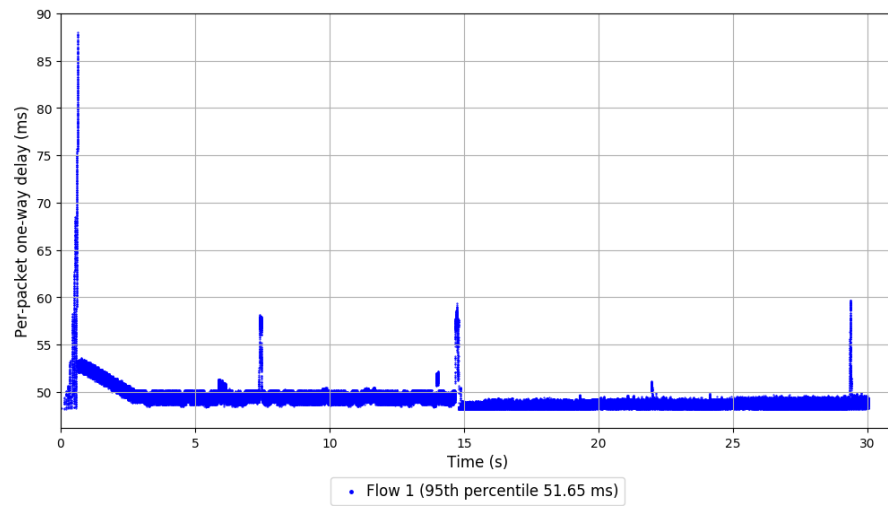
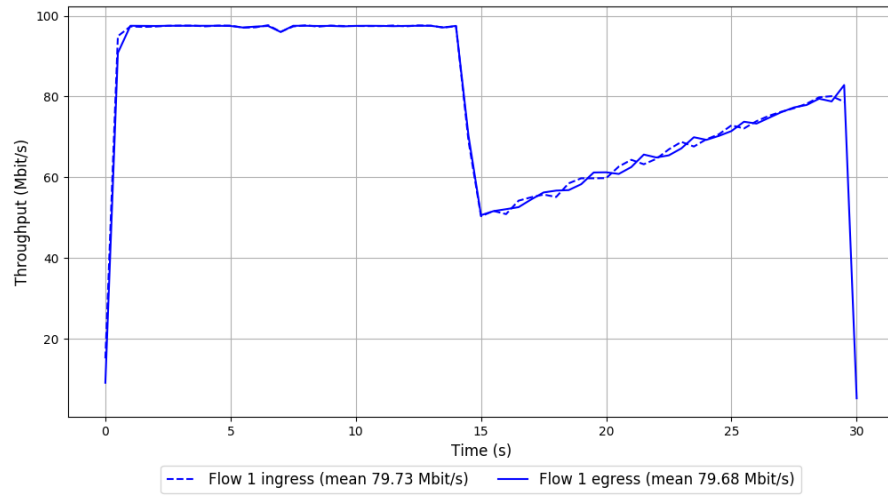


Run 4: Statistics of TCP Vegas

Start at: 2017-09-21 13:24:25
End at: 2017-09-21 13:24:55
Local clock offset: 0.111 ms
Remote clock offset: -2.589 ms

Below is generated by plot.py at 2017-09-21 16:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.68 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 79.68 Mbit/s
95th percentile per-packet one-way delay: 51.650 ms
Loss rate: 0.06%

Run 4: Report of TCP Vegas — Data Link

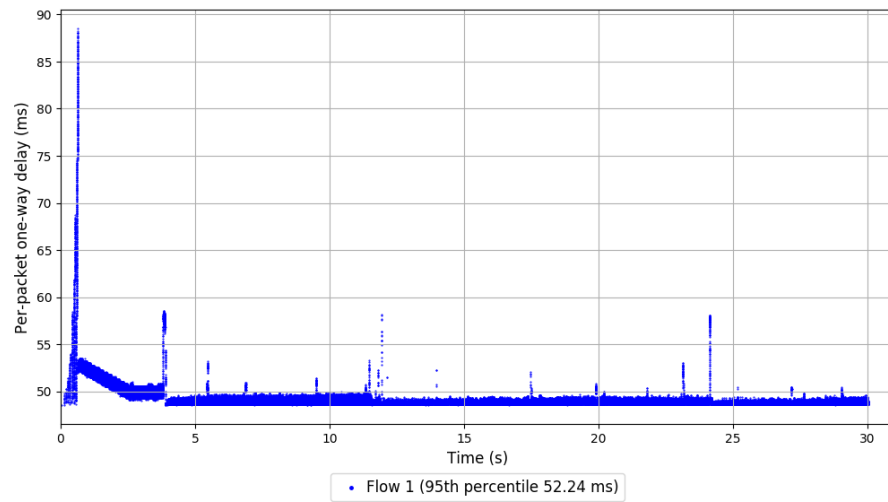
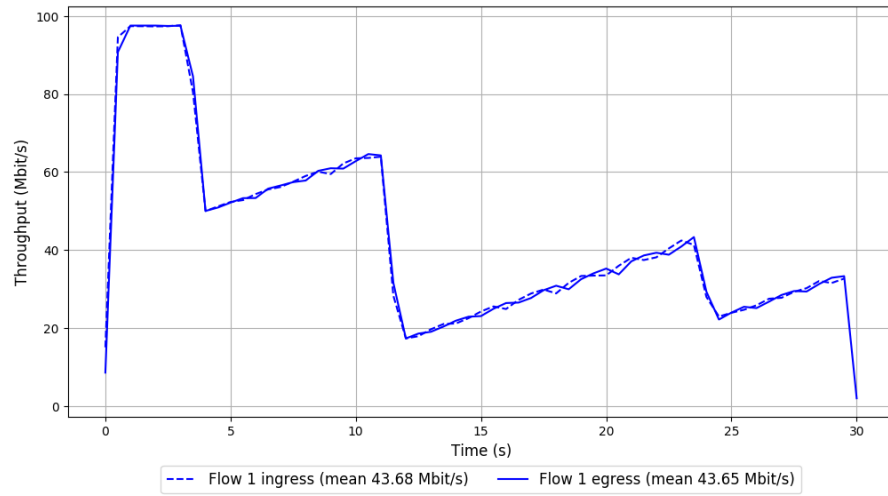


Run 5: Statistics of TCP Vegas

Start at: 2017-09-21 13:43:11
End at: 2017-09-21 13:43:41
Local clock offset: 0.107 ms
Remote clock offset: -2.566 ms

Below is generated by plot.py at 2017-09-21 16:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.65 Mbit/s
95th percentile per-packet one-way delay: 52.243 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 43.65 Mbit/s
95th percentile per-packet one-way delay: 52.243 ms
Loss rate: 0.07%

Run 5: Report of TCP Vegas — Data Link

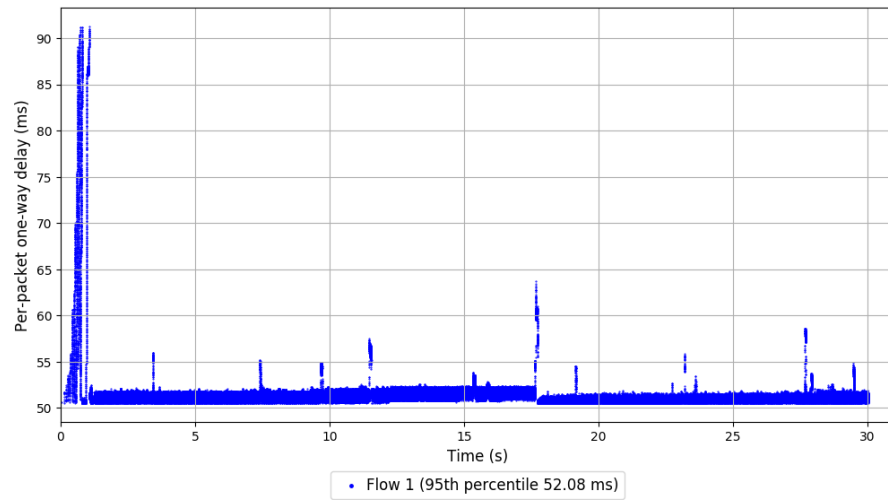
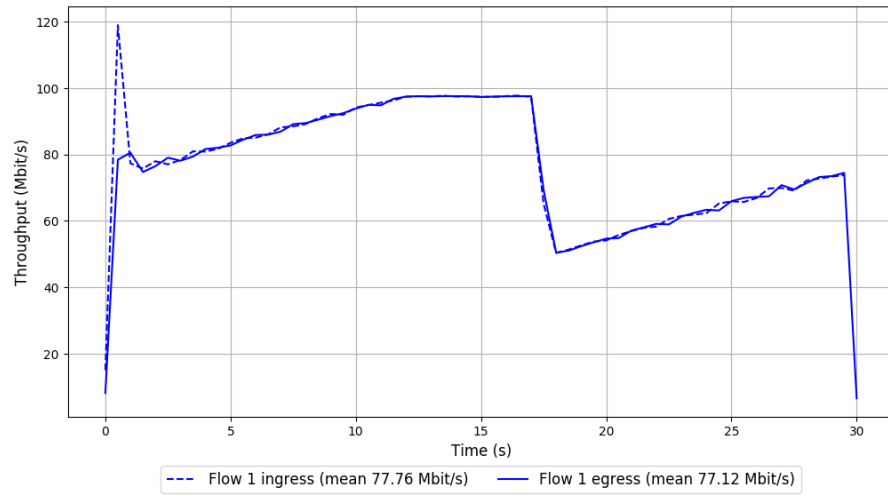


Run 6: Statistics of TCP Vegas

Start at: 2017-09-21 14:02:00
End at: 2017-09-21 14:02:30
Local clock offset: 0.135 ms
Remote clock offset: -0.611 ms

Below is generated by plot.py at 2017-09-21 16:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.12 Mbit/s
95th percentile per-packet one-way delay: 52.076 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 77.12 Mbit/s
95th percentile per-packet one-way delay: 52.076 ms
Loss rate: 0.82%

Run 6: Report of TCP Vegas — Data Link

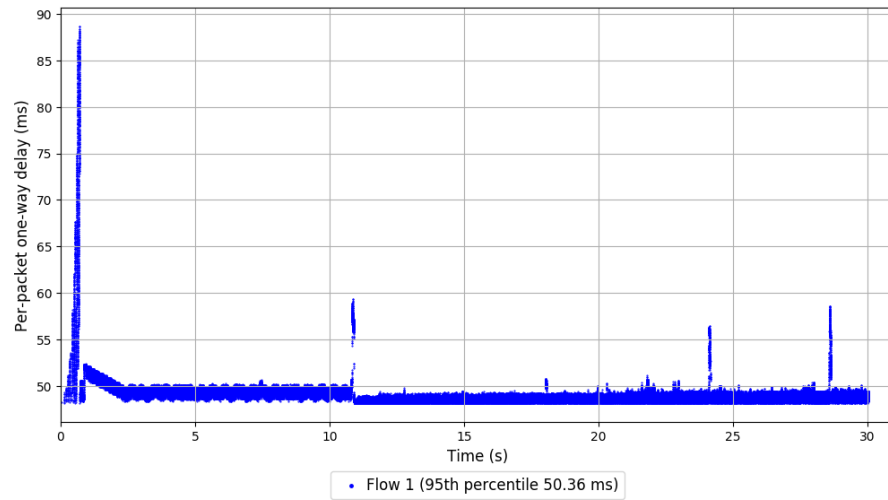
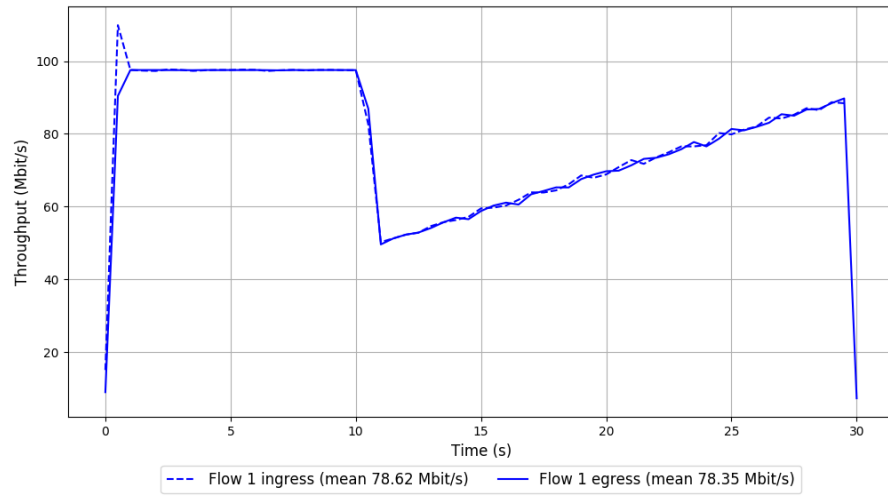


Run 7: Statistics of TCP Vegas

Start at: 2017-09-21 14:20:44
End at: 2017-09-21 14:21:14
Local clock offset: 0.165 ms
Remote clock offset: -2.705 ms

Below is generated by plot.py at 2017-09-21 16:03:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 50.362 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 50.362 ms
Loss rate: 0.35%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-09-21 14:39:27

End at: 2017-09-21 14:39:57

Local clock offset: 0.168 ms

Remote clock offset: -0.56 ms

Below is generated by plot.py at 2017-09-21 16:04:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 52.840 ms

Loss rate: 0.27%

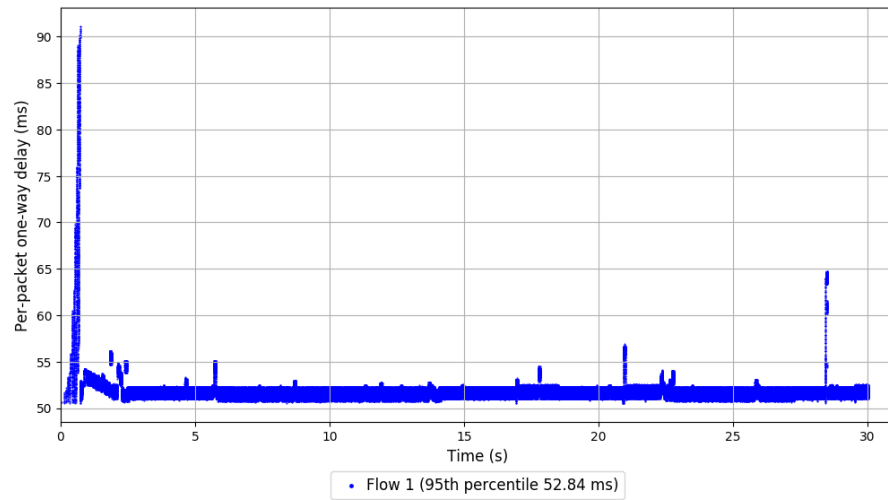
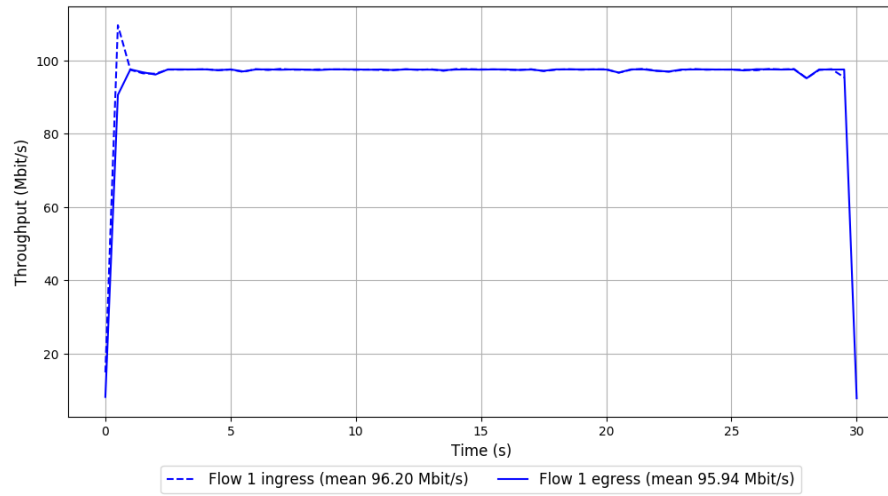
-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 52.840 ms

Loss rate: 0.27%

Run 8: Report of TCP Vegas — Data Link

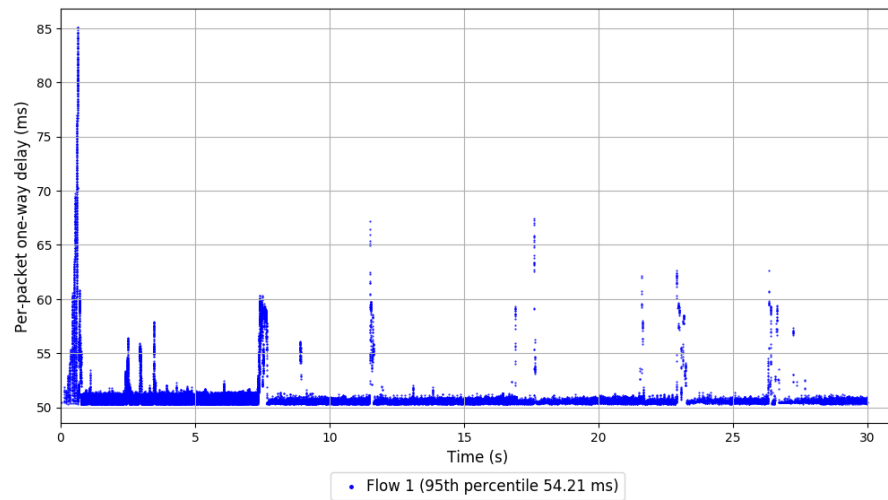
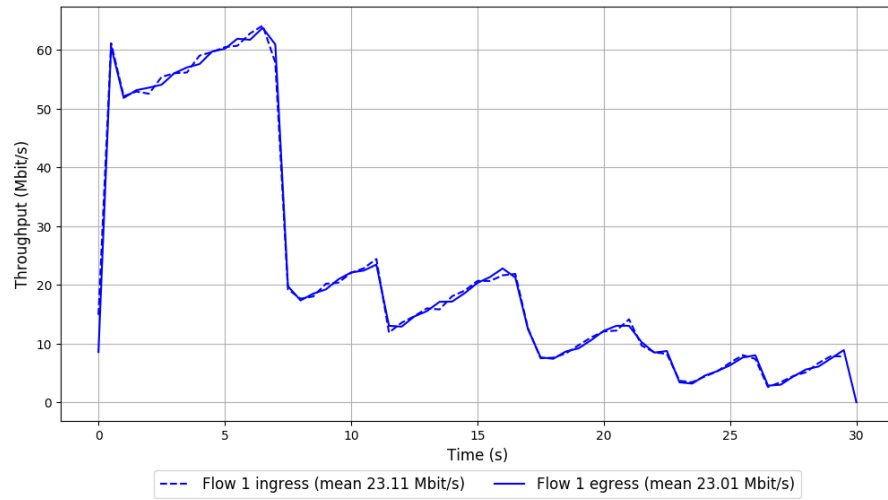


Run 9: Statistics of TCP Vegas

Start at: 2017-09-21 14:58:11
End at: 2017-09-21 14:58:41
Local clock offset: 0.074 ms
Remote clock offset: -0.651 ms

Below is generated by plot.py at 2017-09-21 16:04:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 54.214 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 54.214 ms
Loss rate: 0.40%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-21 15:17:00

End at: 2017-09-21 15:17:30

Local clock offset: 0.049 ms

Remote clock offset: -0.719 ms

Below is generated by plot.py at 2017-09-21 16:04:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 52.786 ms

Loss rate: 0.26%

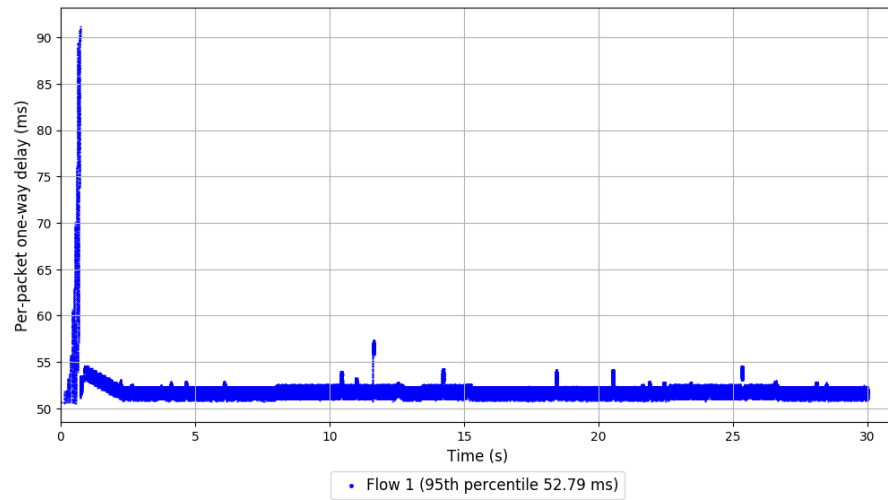
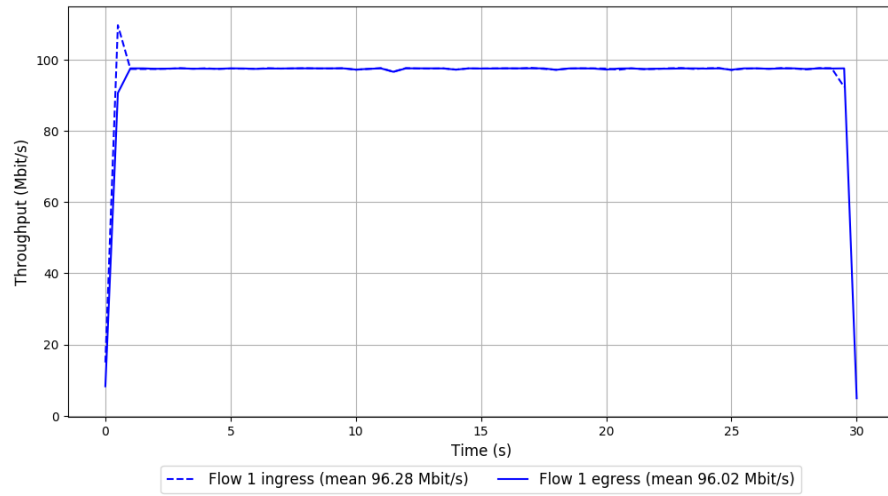
-- Flow 1:

Average throughput: 96.02 Mbit/s

95th percentile per-packet one-way delay: 52.786 ms

Loss rate: 0.26%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-09-21 12:32:11

End at: 2017-09-21 12:32:41

Local clock offset: 0.156 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2017-09-21 16:04:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.26 Mbit/s

95th percentile per-packet one-way delay: 86.865 ms

Loss rate: 30.33%

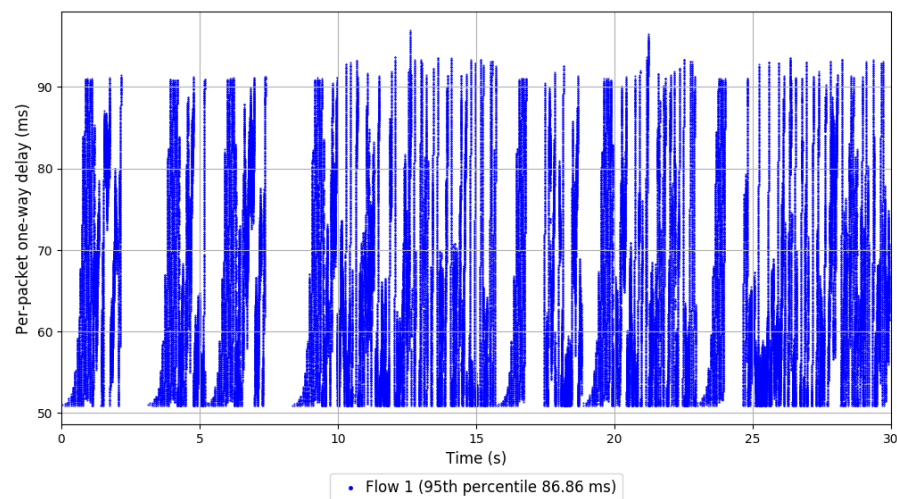
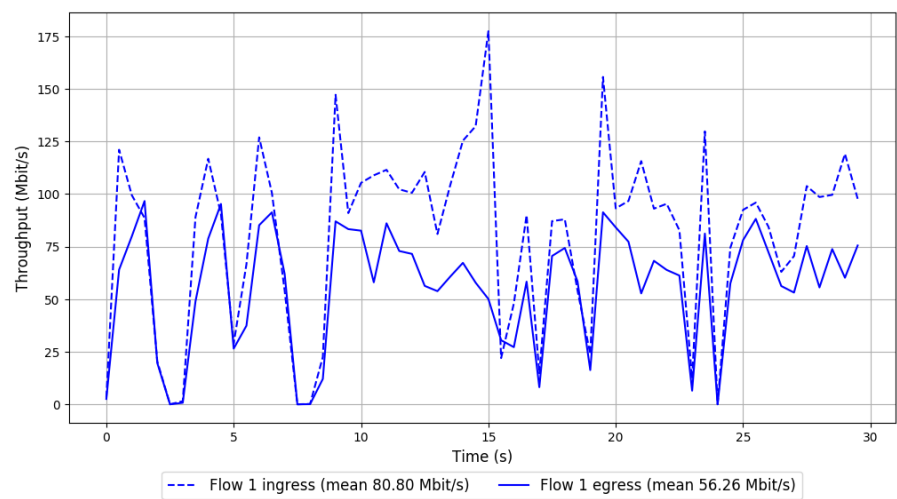
-- Flow 1:

Average throughput: 56.26 Mbit/s

95th percentile per-packet one-way delay: 86.865 ms

Loss rate: 30.33%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-09-21 12:50:57

End at: 2017-09-21 12:51:27

Local clock offset: 0.151 ms

Remote clock offset: 0.136 ms

Below is generated by plot.py at 2017-09-21 16:04:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.14 Mbit/s

95th percentile per-packet one-way delay: 88.755 ms

Loss rate: 60.24%

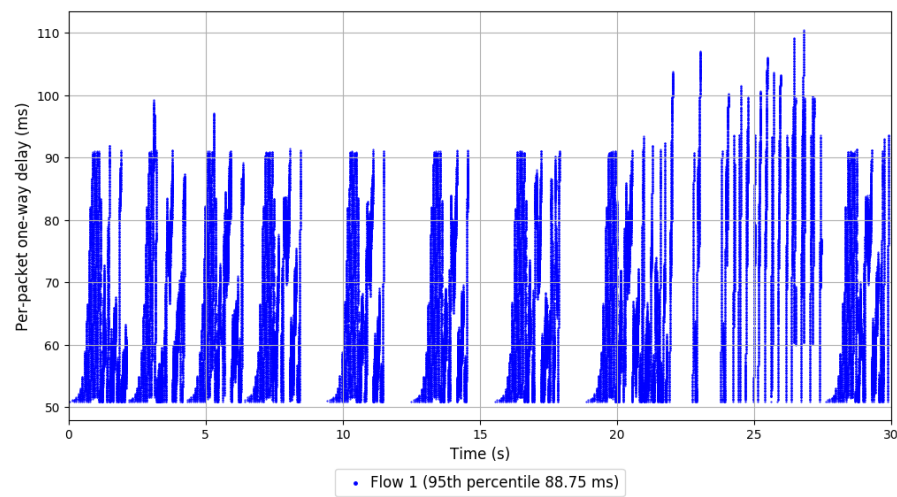
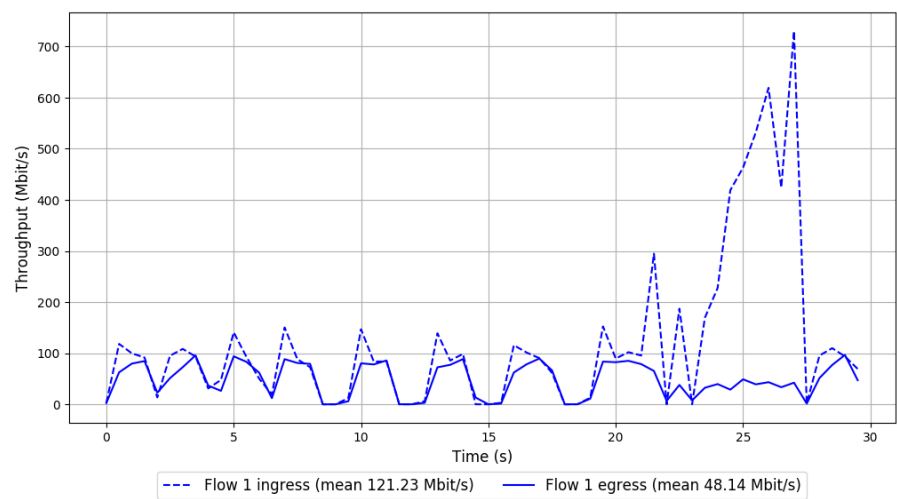
-- Flow 1:

Average throughput: 48.14 Mbit/s

95th percentile per-packet one-way delay: 88.755 ms

Loss rate: 60.24%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-09-21 13:09:44

End at: 2017-09-21 13:10:14

Local clock offset: 0.105 ms

Remote clock offset: -2.54 ms

Below is generated by plot.py at 2017-09-21 16:04:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.15 Mbit/s

95th percentile per-packet one-way delay: 87.830 ms

Loss rate: 63.21%

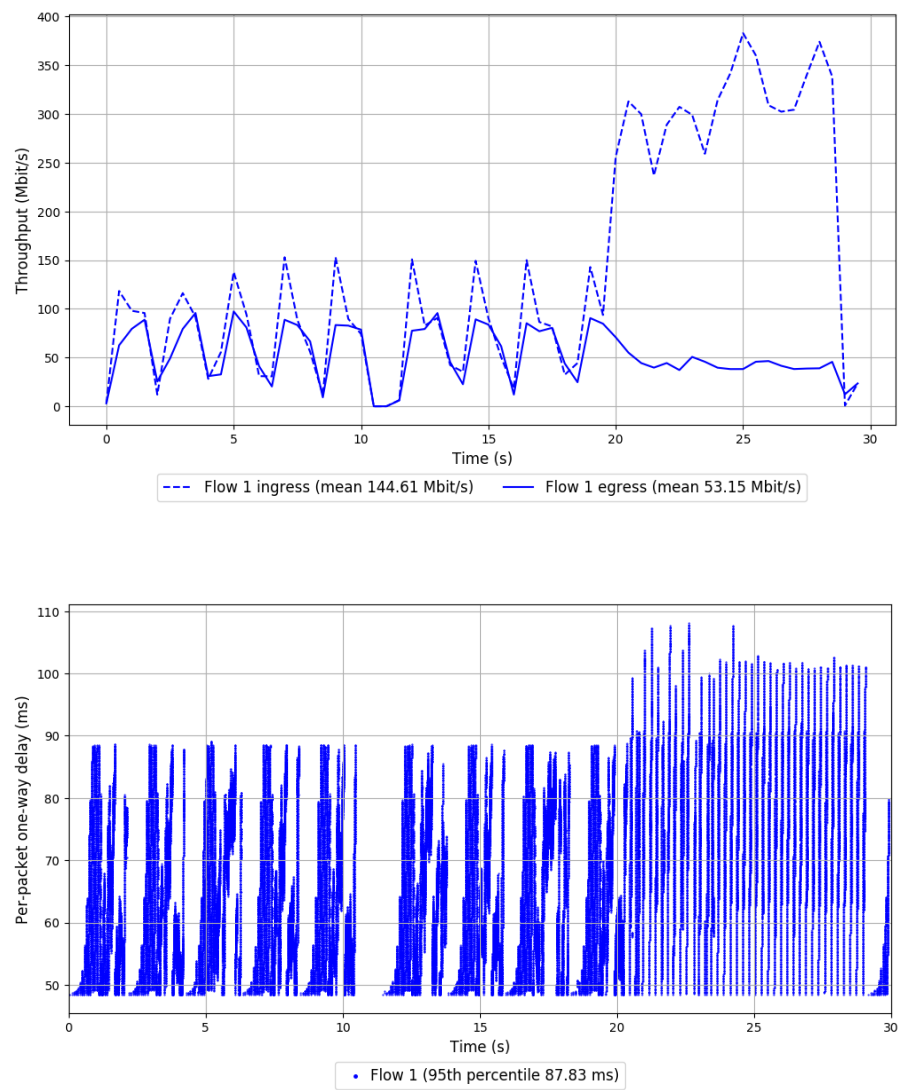
-- Flow 1:

Average throughput: 53.15 Mbit/s

95th percentile per-packet one-way delay: 87.830 ms

Loss rate: 63.21%

Run 3: Report of Verus — Data Link

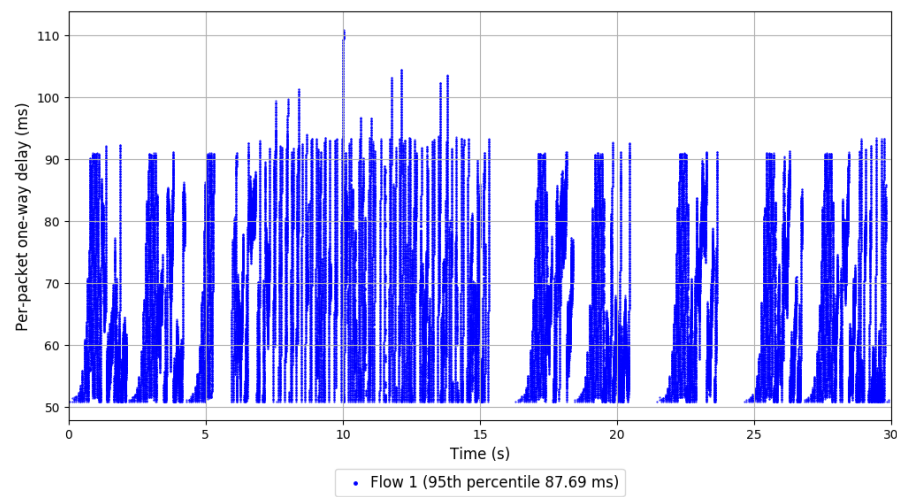
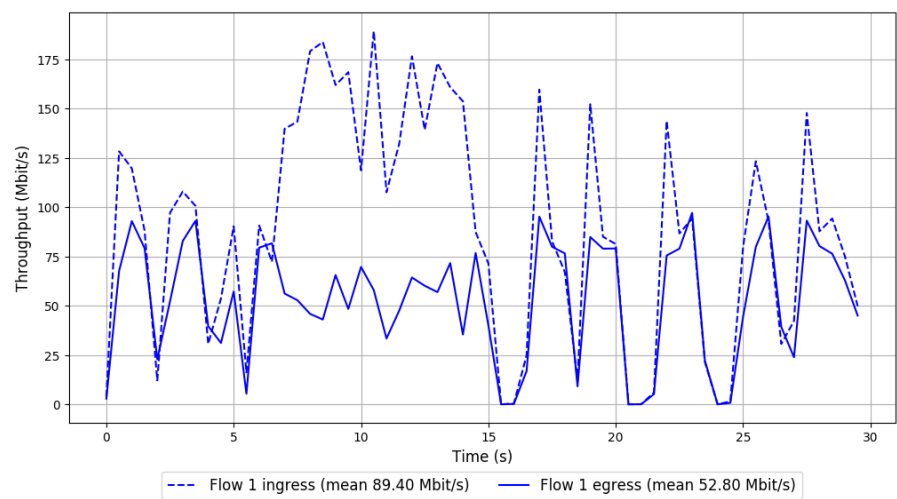


Run 4: Statistics of Verus

Start at: 2017-09-21 13:28:28
End at: 2017-09-21 13:28:58
Local clock offset: 0.113 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2017-09-21 16:04:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.80 Mbit/s
95th percentile per-packet one-way delay: 87.692 ms
Loss rate: 40.93%
-- Flow 1:
Average throughput: 52.80 Mbit/s
95th percentile per-packet one-way delay: 87.692 ms
Loss rate: 40.93%

Run 4: Report of Verus — Data Link

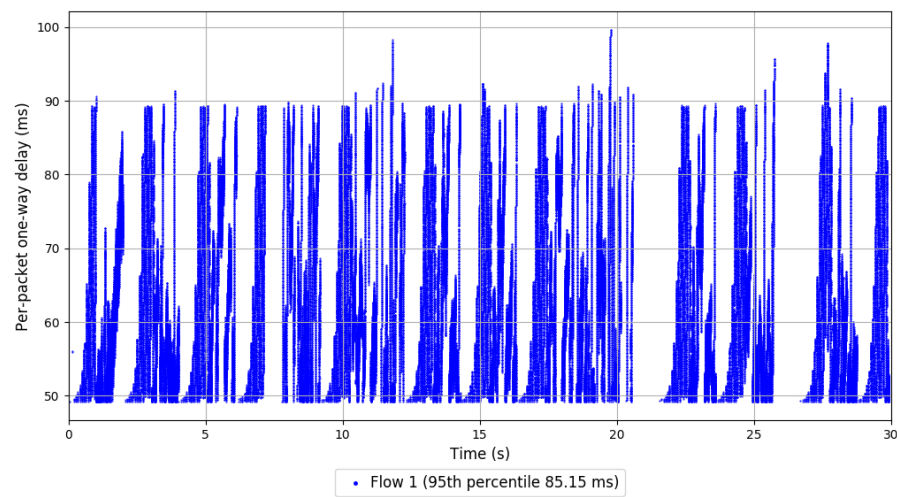
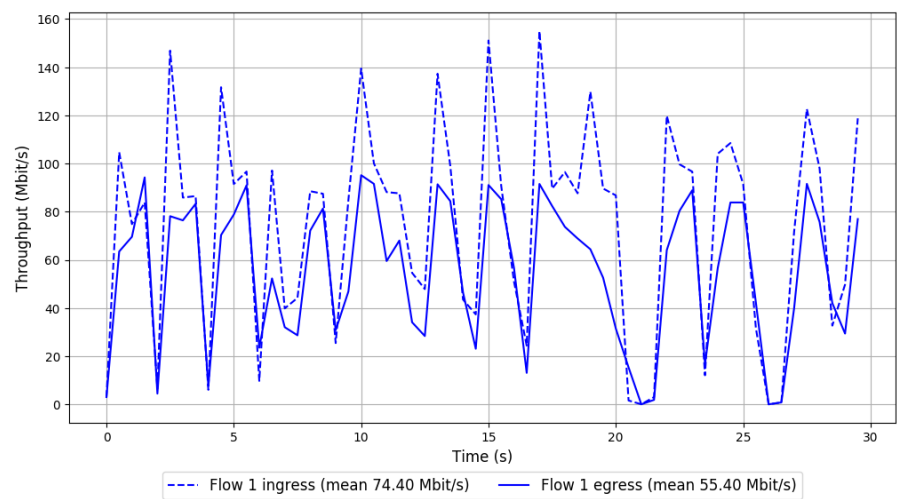


Run 5: Statistics of Verus

Start at: 2017-09-21 13:47:14
End at: 2017-09-21 13:47:44
Local clock offset: 0.206 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2017-09-21 16:04:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 85.149 ms
Loss rate: 25.52%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 85.149 ms
Loss rate: 25.52%

Run 5: Report of Verus — Data Link

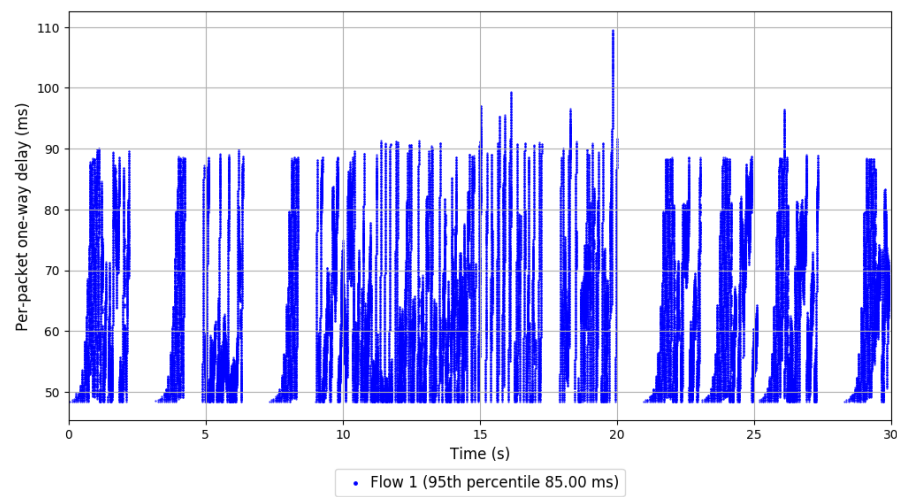
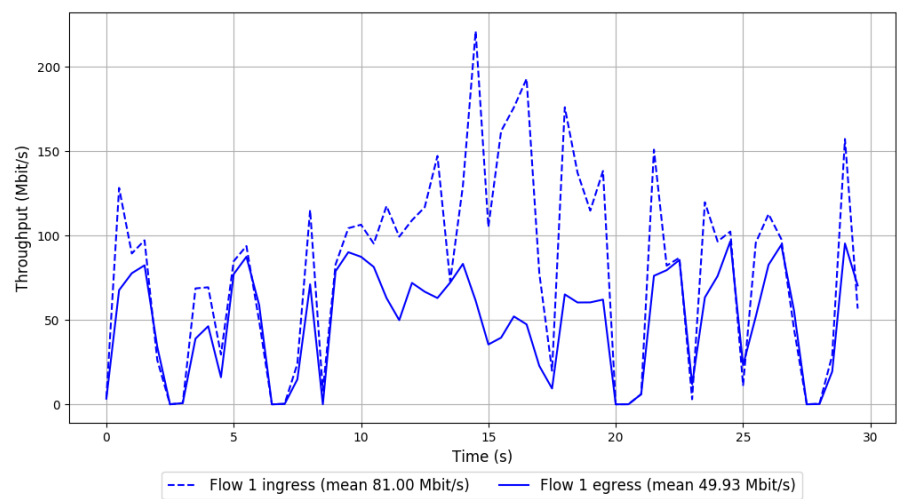


Run 6: Statistics of Verus

Start at: 2017-09-21 14:06:03
End at: 2017-09-21 14:06:33
Local clock offset: 0.201 ms
Remote clock offset: -2.688 ms

Below is generated by plot.py at 2017-09-21 16:04:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.93 Mbit/s
95th percentile per-packet one-way delay: 85.001 ms
Loss rate: 38.30%
-- Flow 1:
Average throughput: 49.93 Mbit/s
95th percentile per-packet one-way delay: 85.001 ms
Loss rate: 38.30%

Run 6: Report of Verus — Data Link

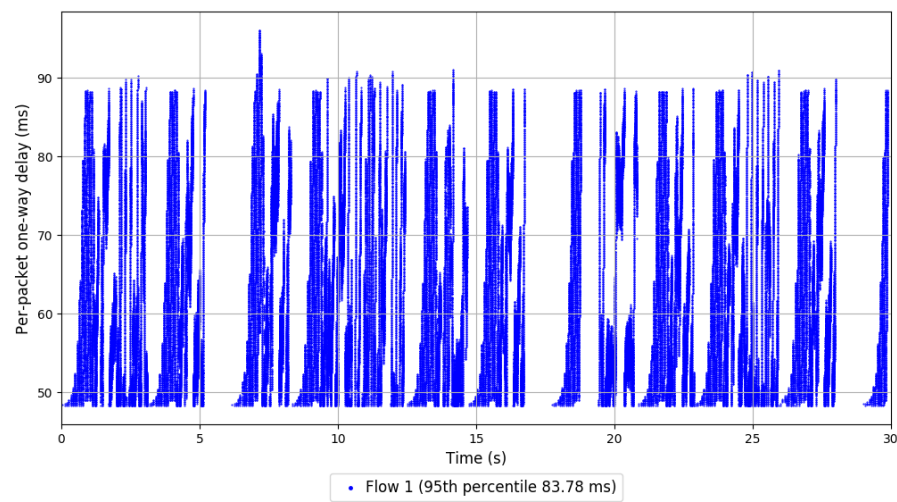
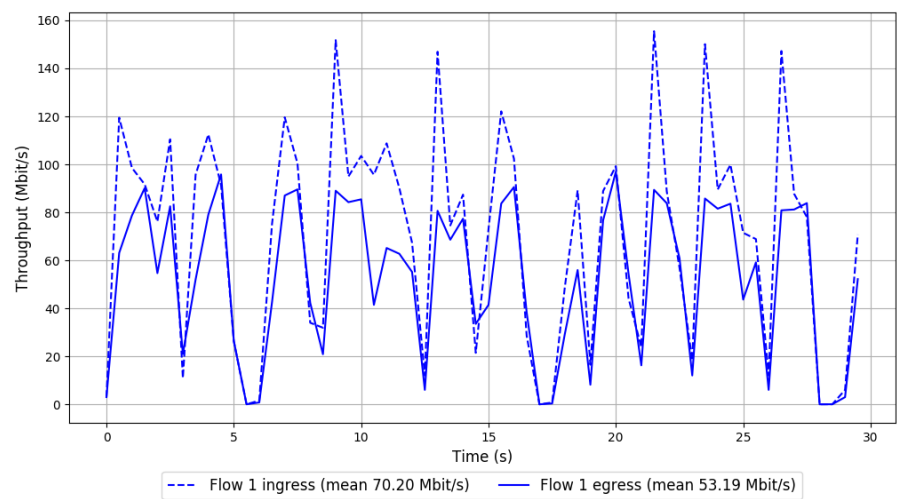


Run 7: Statistics of Verus

Start at: 2017-09-21 14:24:47
End at: 2017-09-21 14:25:17
Local clock offset: 0.056 ms
Remote clock offset: -2.679 ms

Below is generated by plot.py at 2017-09-21 16:05:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.19 Mbit/s
95th percentile per-packet one-way delay: 83.785 ms
Loss rate: 24.19%
-- Flow 1:
Average throughput: 53.19 Mbit/s
95th percentile per-packet one-way delay: 83.785 ms
Loss rate: 24.19%

Run 7: Report of Verus — Data Link

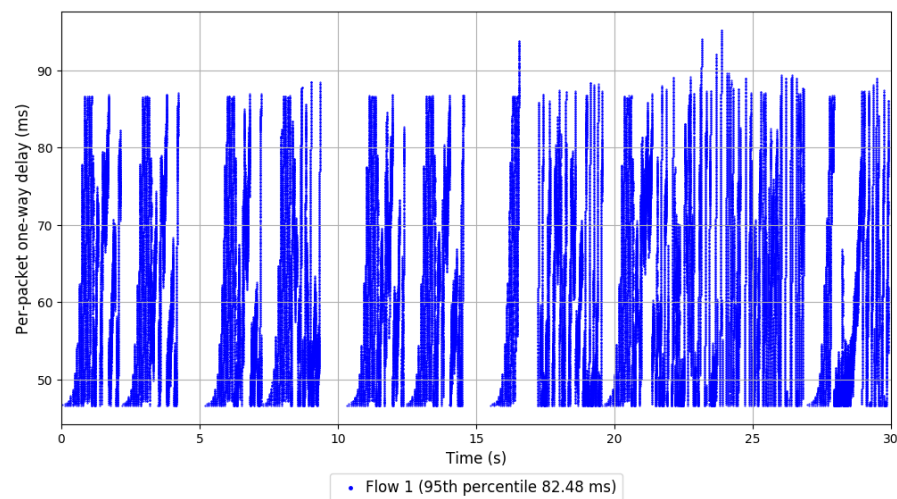
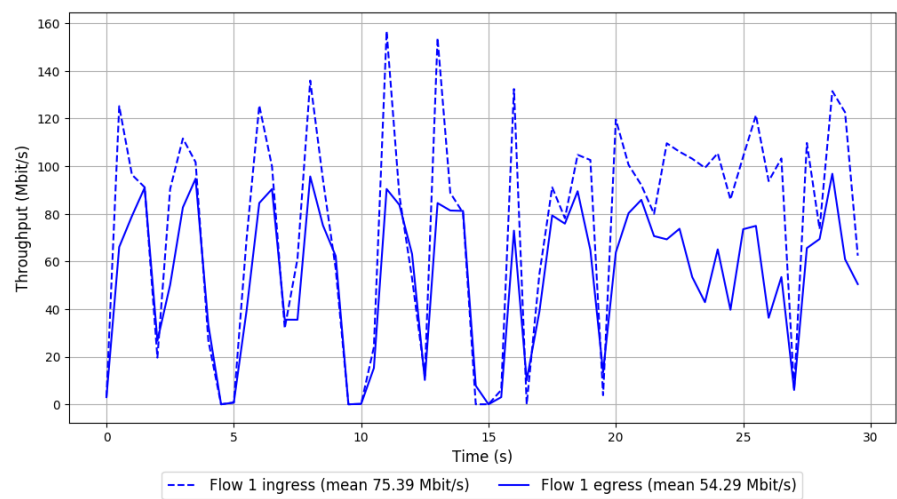


Run 8: Statistics of Verus

Start at: 2017-09-21 14:43:30
End at: 2017-09-21 14:44:00
Local clock offset: 0.174 ms
Remote clock offset: -2.766 ms

Below is generated by plot.py at 2017-09-21 16:05:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.29 Mbit/s
95th percentile per-packet one-way delay: 82.482 ms
Loss rate: 27.95%
-- Flow 1:
Average throughput: 54.29 Mbit/s
95th percentile per-packet one-way delay: 82.482 ms
Loss rate: 27.95%

Run 8: Report of Verus — Data Link

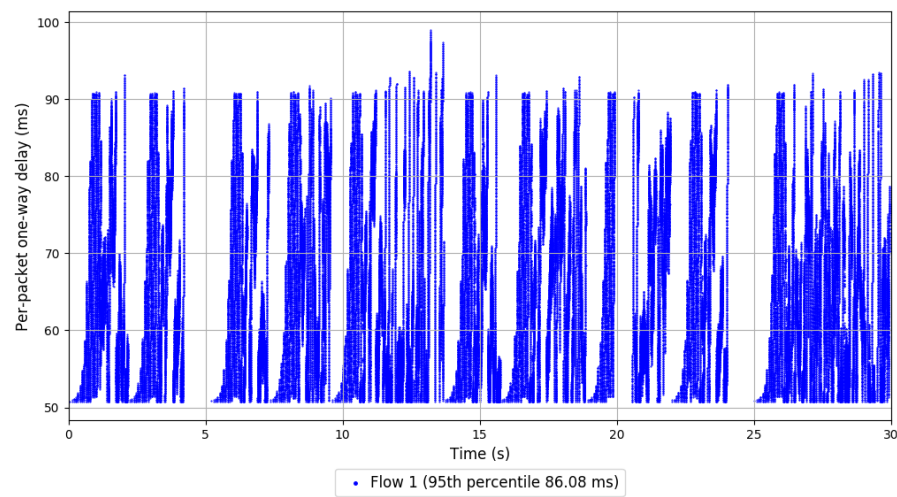
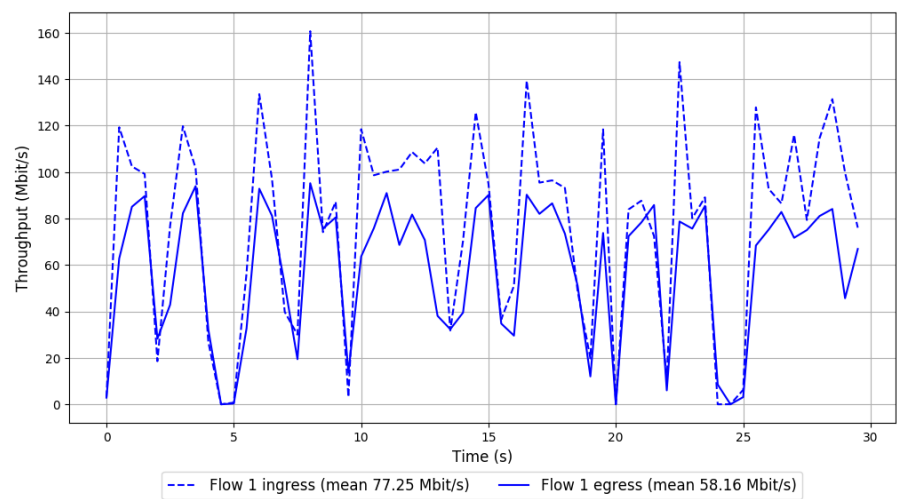


Run 9: Statistics of Verus

Start at: 2017-09-21 15:02:12
End at: 2017-09-21 15:02:42
Local clock offset: 0.181 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2017-09-21 16:05:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.16 Mbit/s
95th percentile per-packet one-way delay: 86.083 ms
Loss rate: 24.65%
-- Flow 1:
Average throughput: 58.16 Mbit/s
95th percentile per-packet one-way delay: 86.083 ms
Loss rate: 24.65%

Run 9: Report of Verus — Data Link

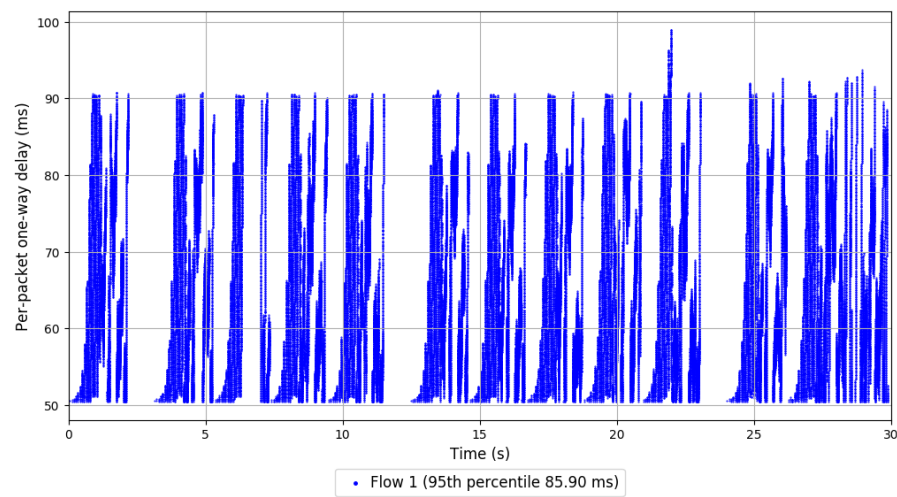
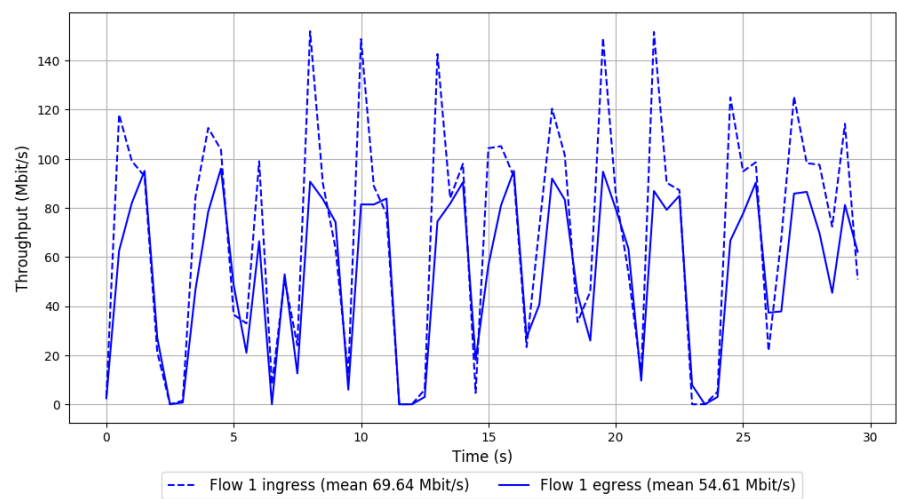


Run 10: Statistics of Verus

Start at: 2017-09-21 15:21:05
End at: 2017-09-21 15:21:35
Local clock offset: 0.154 ms
Remote clock offset: -0.693 ms

Below is generated by plot.py at 2017-09-21 16:05:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 85.896 ms
Loss rate: 21.58%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 85.896 ms
Loss rate: 21.58%

Run 10: Report of Verus — Data Link

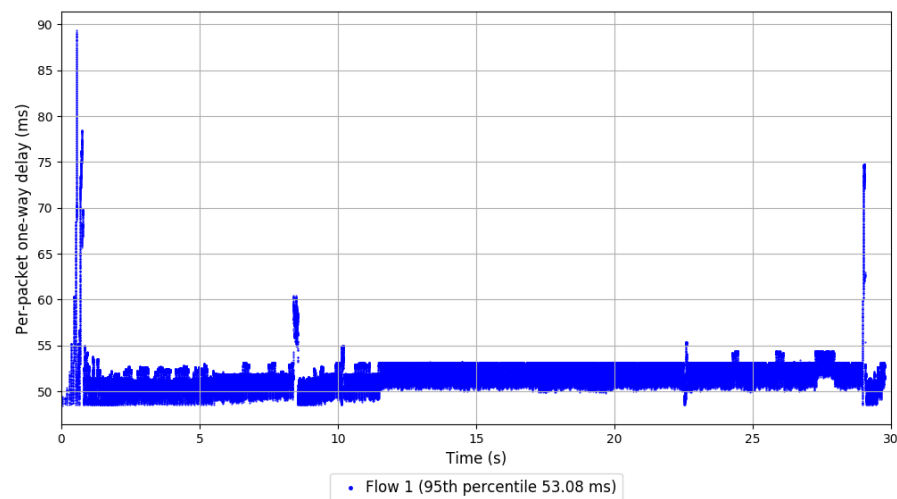
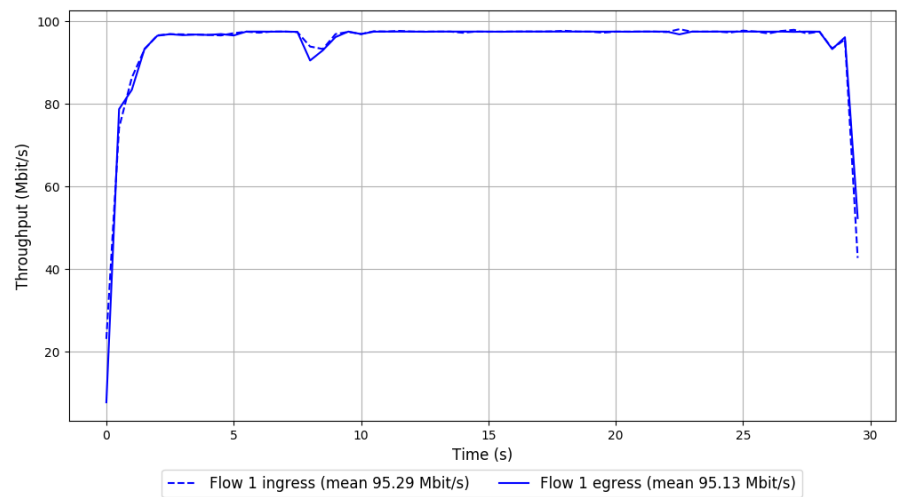


```
Run 1: Statistics of Indigo

Start at: 2017-09-21 12:34:52
End at: 2017-09-21 12:35:22
Local clock offset: 0.175 ms
Remote clock offset: -2.171 ms

# Below is generated by plot.py at 2017-09-21 16:06:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 53.080 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 53.080 ms
Loss rate: 0.16%
```

Run 1: Report of Indigo — Data Link

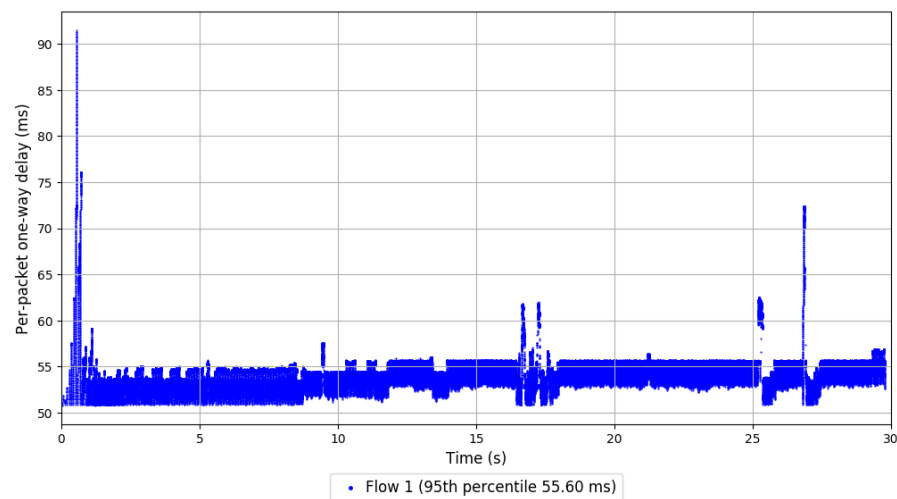
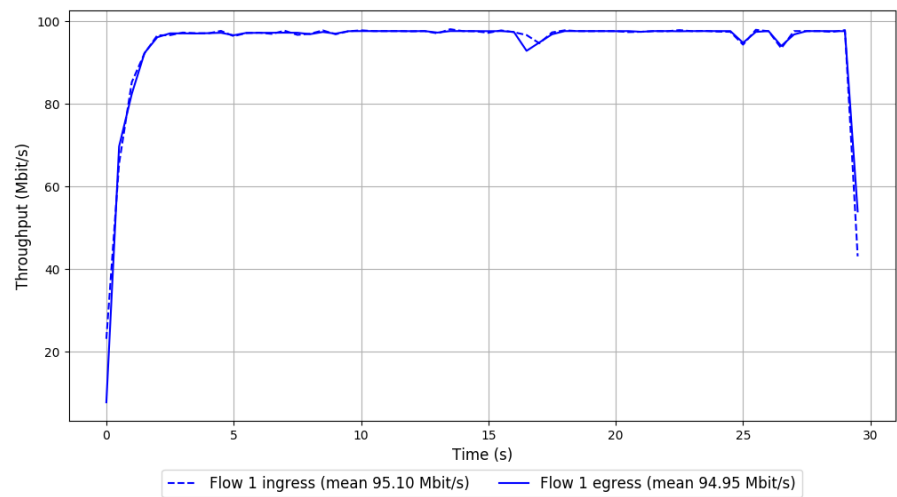


```
Run 2: Statistics of Indigo

Start at: 2017-09-21 12:53:38
End at: 2017-09-21 12:54:08
Local clock offset: 0.131 ms
Remote clock offset: 0.242 ms

# Below is generated by plot.py at 2017-09-21 16:06:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 55.603 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 55.603 ms
Loss rate: 0.14%
```

Run 2: Report of Indigo — Data Link

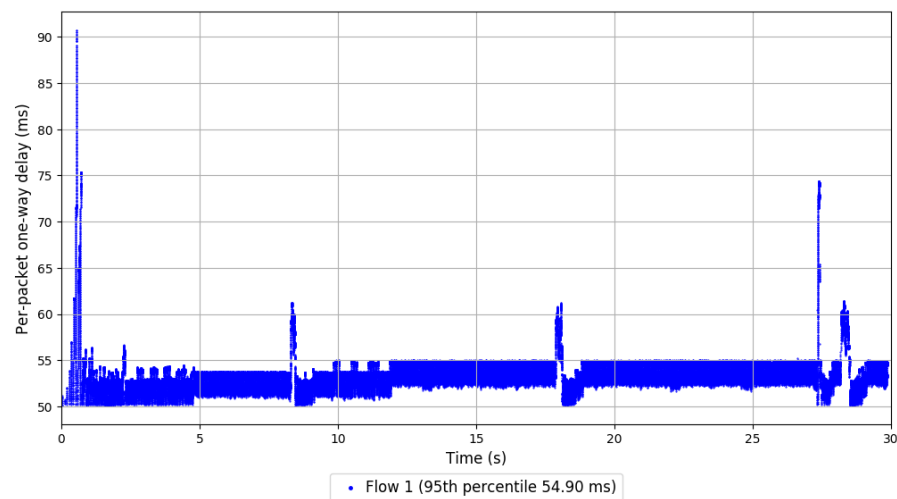
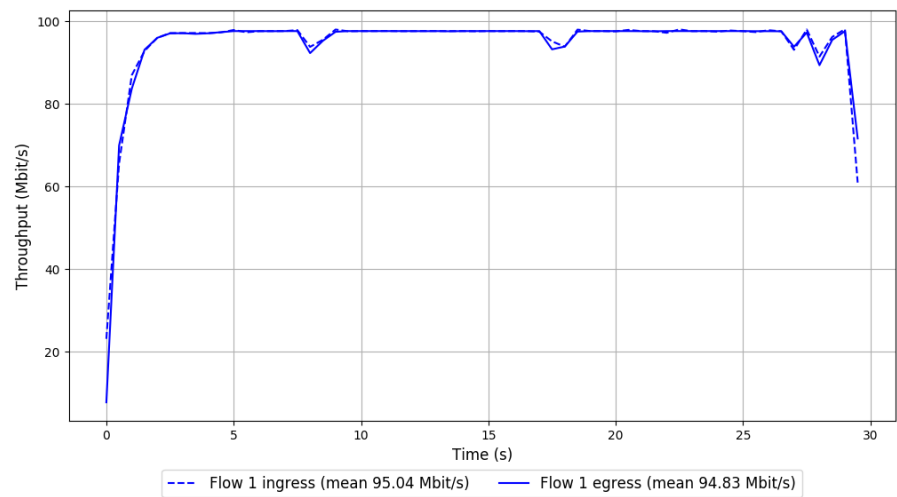


Run 3: Statistics of Indigo

Start at: 2017-09-21 13:12:25
End at: 2017-09-21 13:12:55
Local clock offset: 0.217 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2017-09-21 16:06:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.83 Mbit/s
95th percentile per-packet one-way delay: 54.896 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 94.83 Mbit/s
95th percentile per-packet one-way delay: 54.896 ms
Loss rate: 0.21%

Run 3: Report of Indigo — Data Link

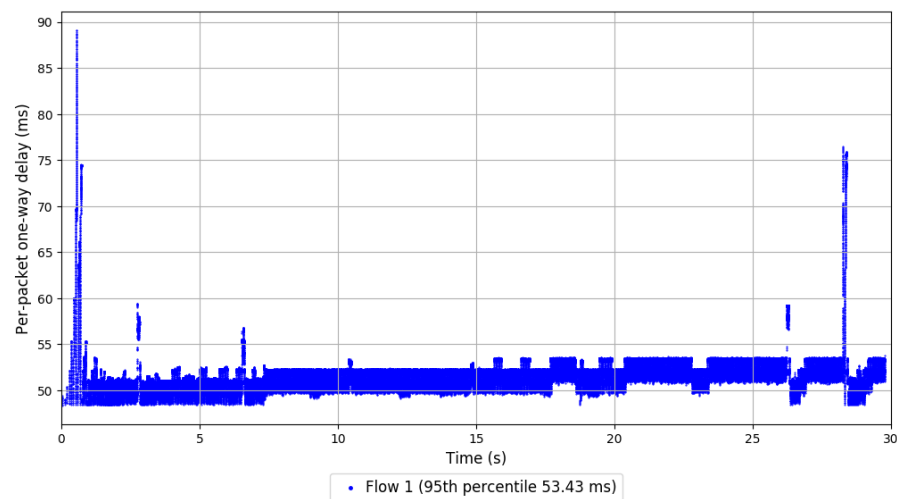
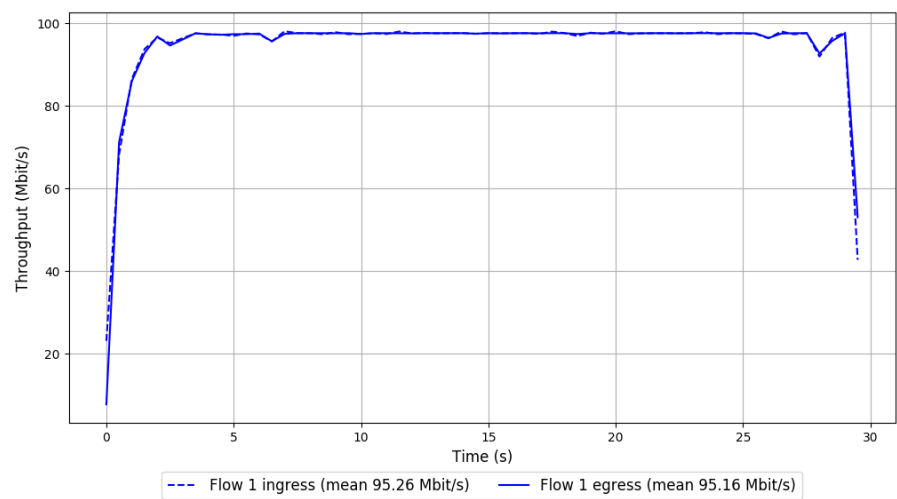


Run 4: Statistics of Indigo

Start at: 2017-09-21 13:31:08
End at: 2017-09-21 13:31:38
Local clock offset: 0.11 ms
Remote clock offset: -2.679 ms

Below is generated by plot.py at 2017-09-21 16:06:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 53.429 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 53.429 ms
Loss rate: 0.08%

Run 4: Report of Indigo — Data Link

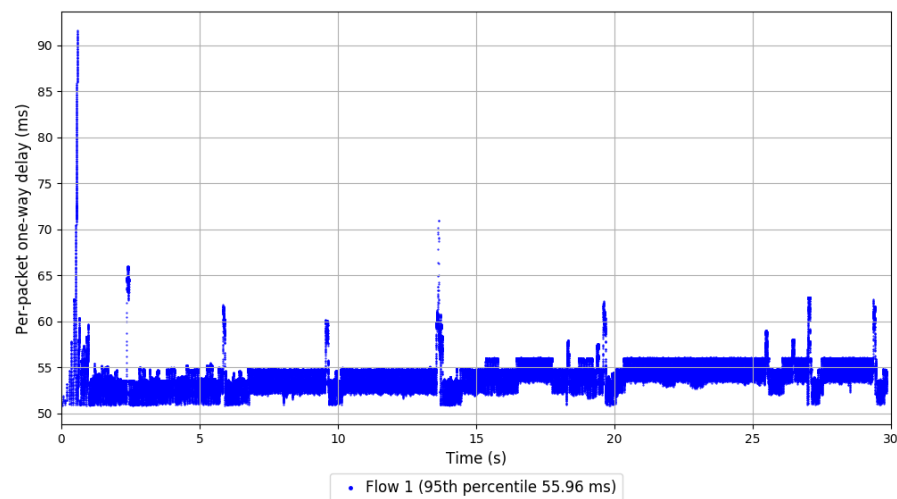
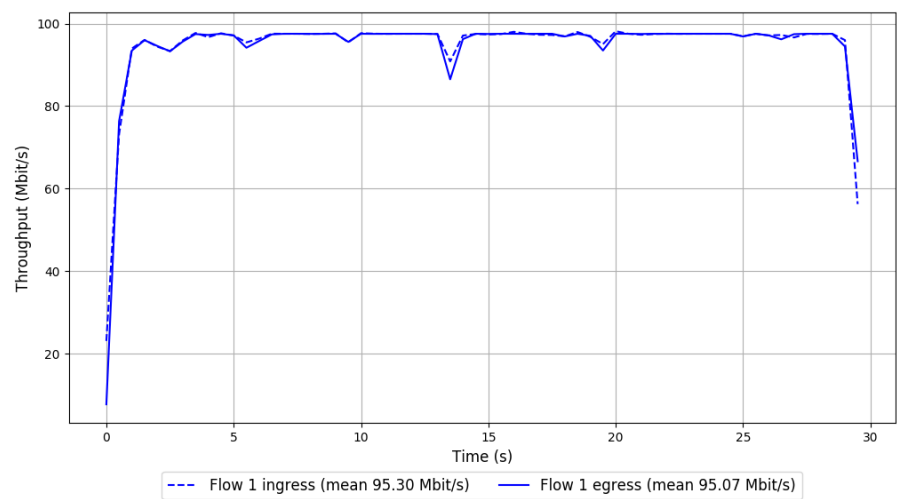


Run 5: Statistics of Indigo

Start at: 2017-09-21 13:49:55
End at: 2017-09-21 13:50:25
Local clock offset: 0.13 ms
Remote clock offset: -0.291 ms

Below is generated by plot.py at 2017-09-21 16:06:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 55.957 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: 55.957 ms
Loss rate: 0.24%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-09-21 14:08:43

End at: 2017-09-21 14:09:13

Local clock offset: 0.2 ms

Remote clock offset: -0.244 ms

Below is generated by plot.py at 2017-09-21 16:06:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.25 Mbit/s

95th percentile per-packet one-way delay: 55.843 ms

Loss rate: 0.09%

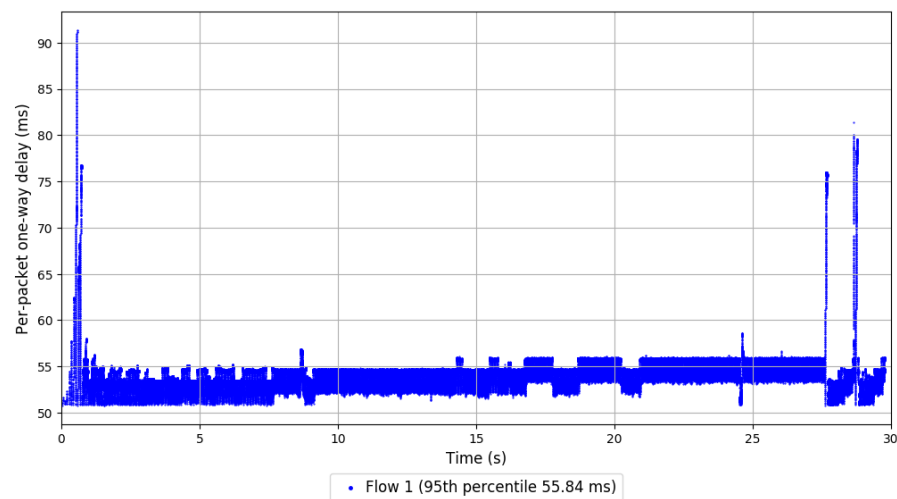
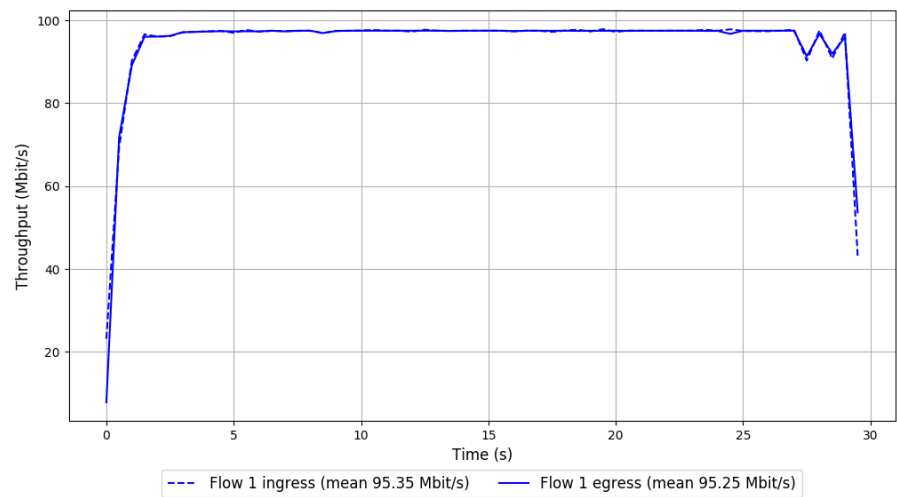
-- Flow 1:

Average throughput: 95.25 Mbit/s

95th percentile per-packet one-way delay: 55.843 ms

Loss rate: 0.09%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-09-21 14:27:27

End at: 2017-09-21 14:27:57

Local clock offset: 0.046 ms

Remote clock offset: -2.835 ms

Below is generated by plot.py at 2017-09-21 16:06:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.49 Mbit/s

95th percentile per-packet one-way delay: 53.812 ms

Loss rate: 0.15%

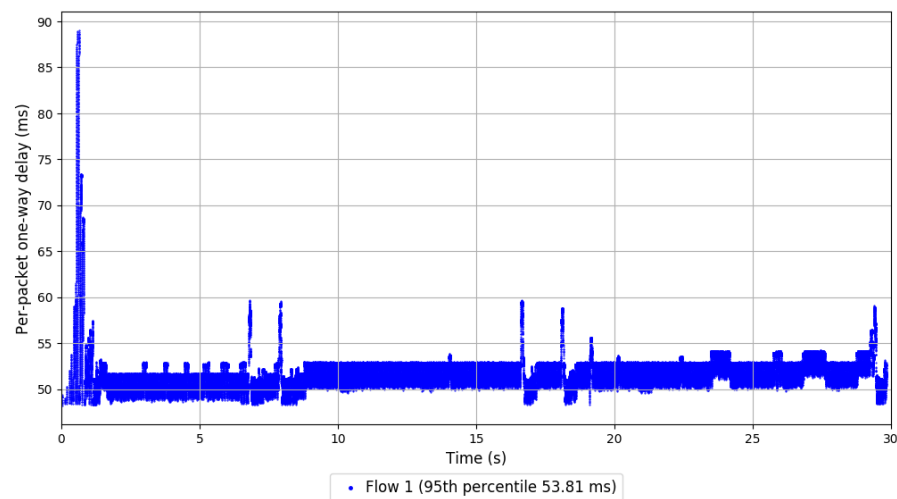
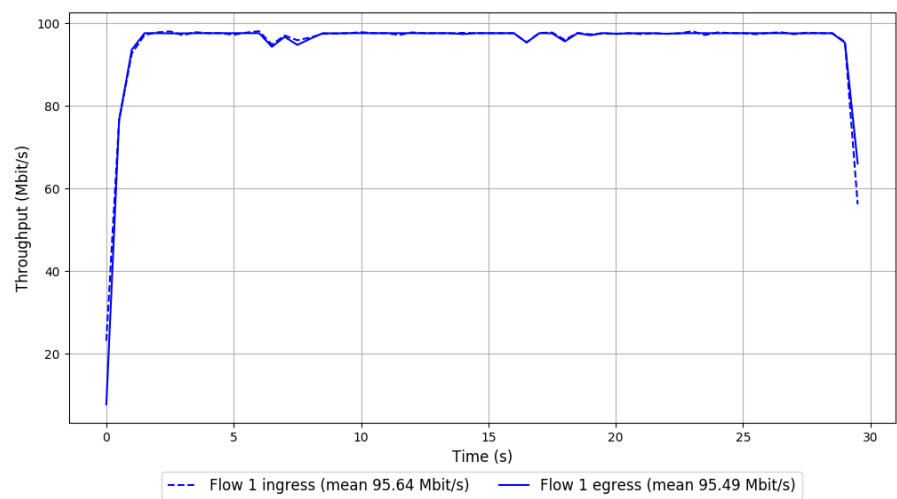
-- Flow 1:

Average throughput: 95.49 Mbit/s

95th percentile per-packet one-way delay: 53.812 ms

Loss rate: 0.15%

Run 7: Report of Indigo — Data Link

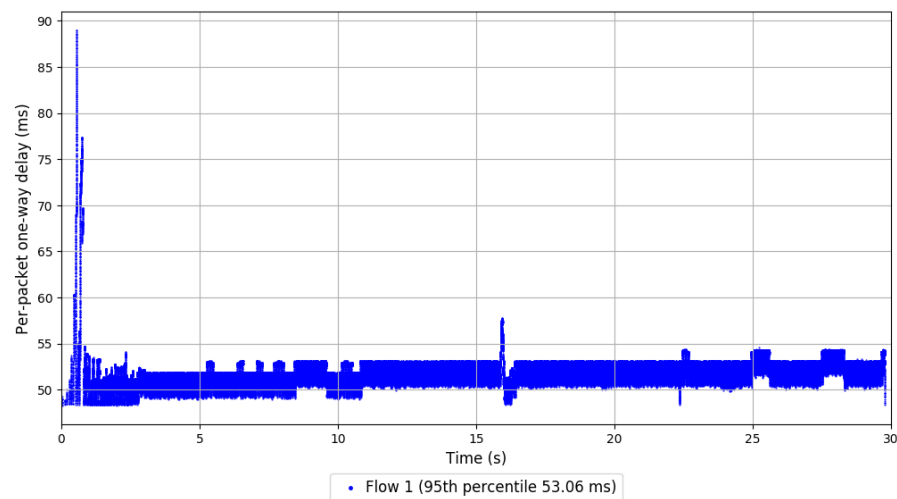
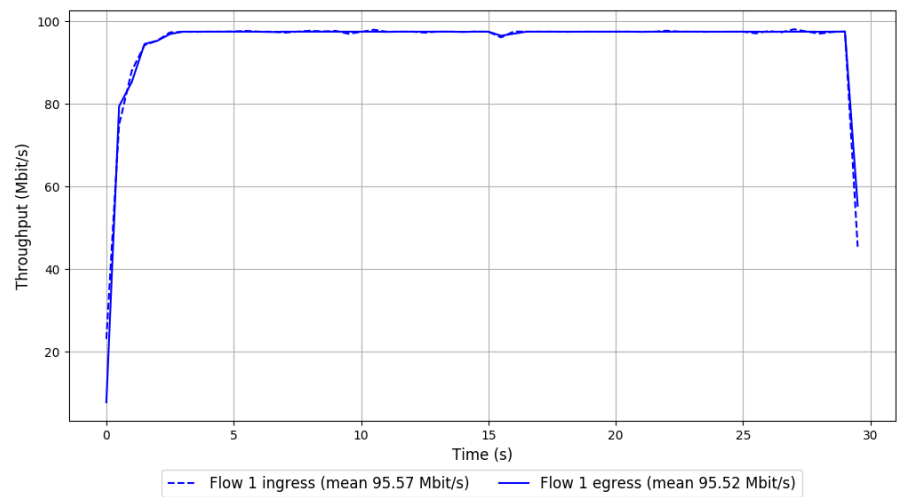


Run 8: Statistics of Indigo

Start at: 2017-09-21 14:46:10
End at: 2017-09-21 14:46:40
Local clock offset: 0.059 ms
Remote clock offset: -2.661 ms

Below is generated by plot.py at 2017-09-21 16:06:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 53.060 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 53.060 ms
Loss rate: 0.07%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-09-21 15:04:55

End at: 2017-09-21 15:05:25

Local clock offset: 0.089 ms

Remote clock offset: -2.727 ms

Below is generated by plot.py at 2017-09-21 16:07:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.82 Mbit/s

95th percentile per-packet one-way delay: 53.524 ms

Loss rate: 0.15%

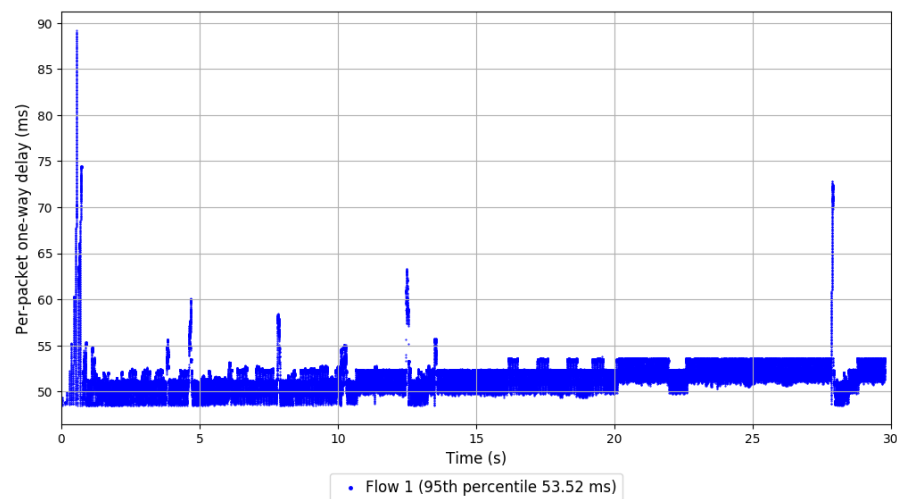
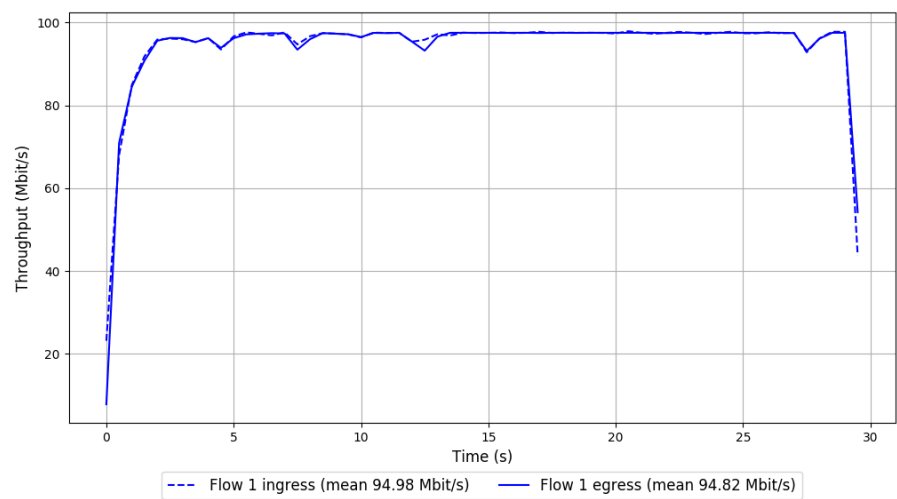
-- Flow 1:

Average throughput: 94.82 Mbit/s

95th percentile per-packet one-way delay: 53.524 ms

Loss rate: 0.15%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-09-21 15:23:45

End at: 2017-09-21 15:24:15

Local clock offset: 0.159 ms

Remote clock offset: -0.365 ms

Below is generated by plot.py at 2017-09-21 16:07:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 55.866 ms

Loss rate: 0.06%

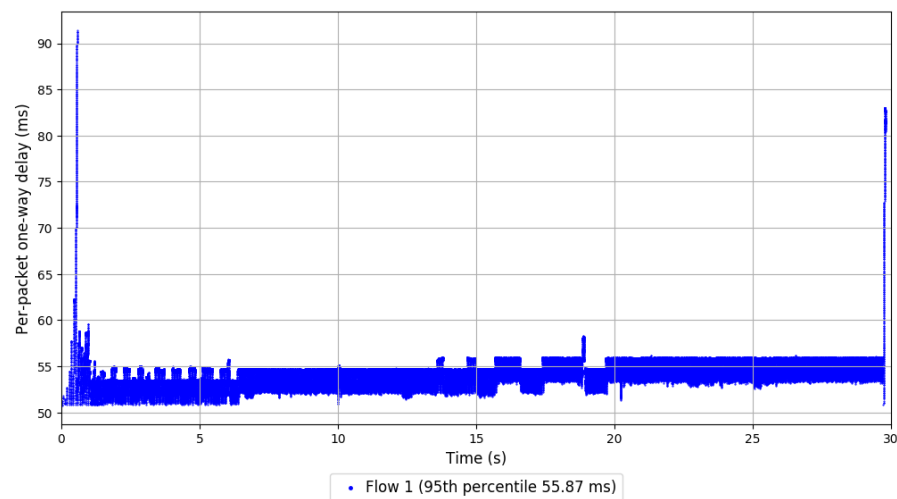
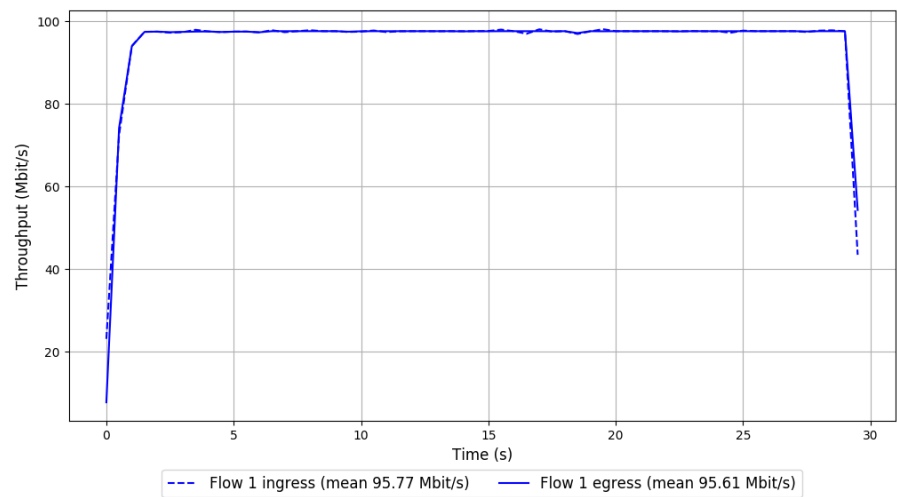
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 55.866 ms

Loss rate: 0.06%

Run 10: Report of Indigo — Data Link



Run 1: Statistics of Indigo-calib

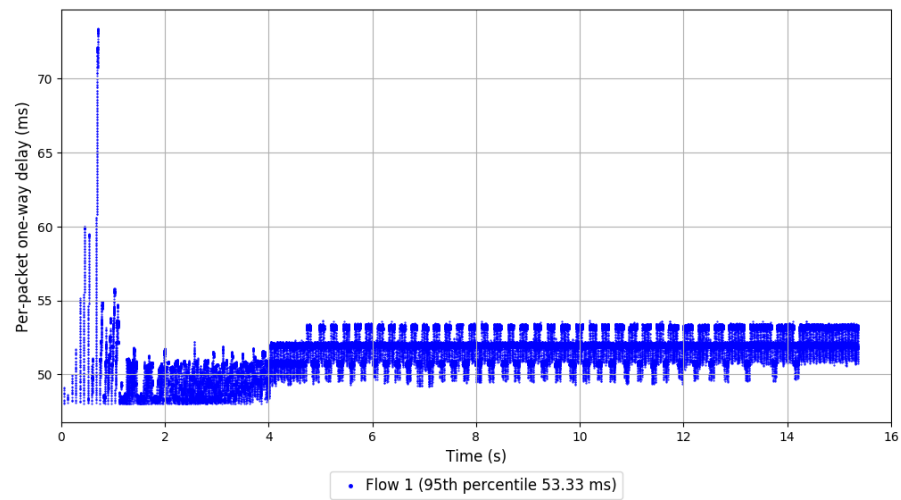
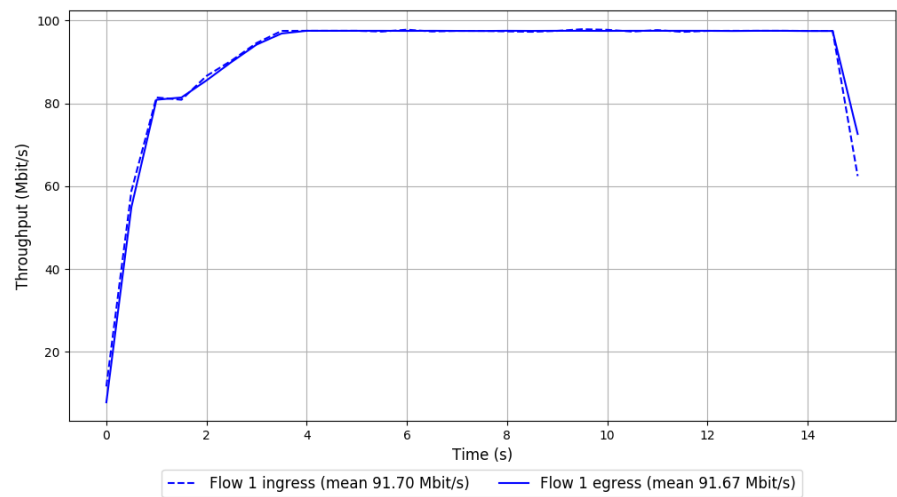
Start at: 2017-09-21 12:26:48

End at: 2017-09-21 12:27:18

Local clock offset: 0.245 ms

Remote clock offset: -2.222 ms

Run 1: Report of Indigo-calib — Data Link

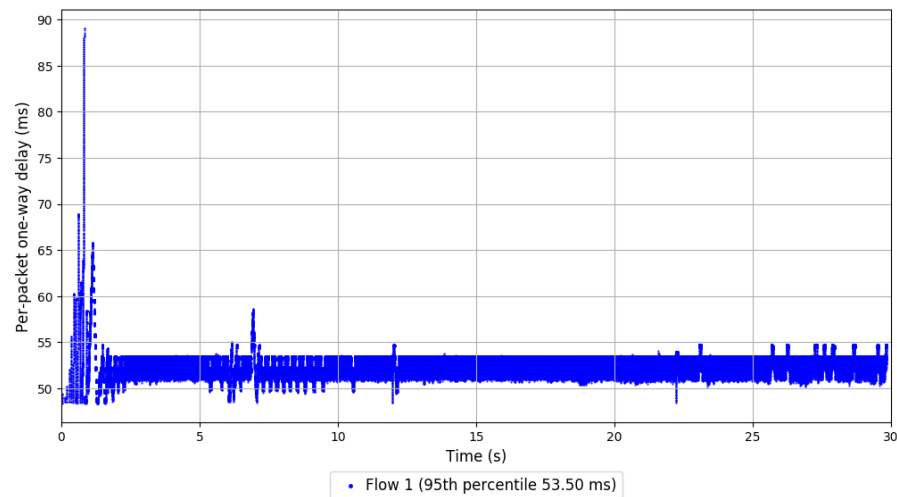
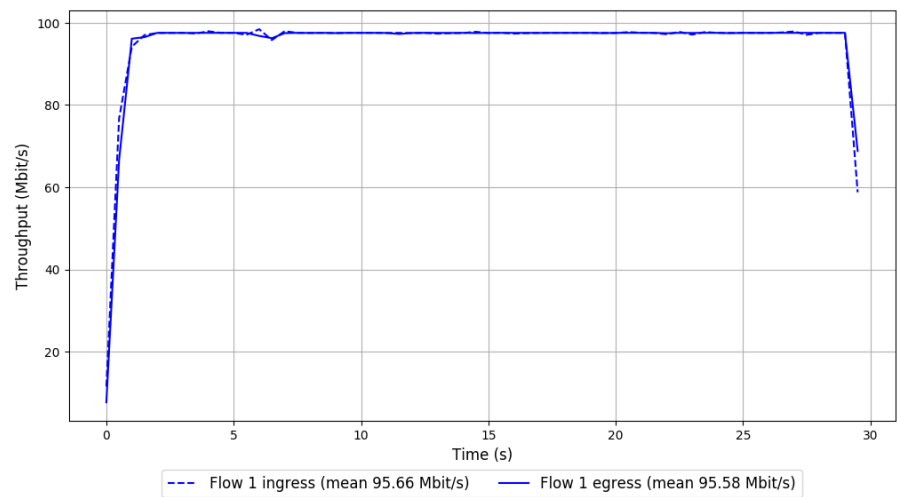


```
Run 2: Statistics of Indigo-calib

Start at: 2017-09-21 12:45:31
End at: 2017-09-21 12:46:01
Local clock offset: 0.149 ms
Remote clock offset: -2.335 ms

# Below is generated by plot.py at 2017-09-21 16:07:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 53.498 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 53.498 ms
Loss rate: 0.07%
```

Run 2: Report of Indigo-calib — Data Link



Run 3: Statistics of Indigo-calib

Start at: 2017-09-21 13:04:17

End at: 2017-09-21 13:04:47

Local clock offset: 0.225 ms

Remote clock offset: -2.406 ms

Below is generated by plot.py at 2017-09-21 16:07:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.51 Mbit/s

95th percentile per-packet one-way delay: 53.510 ms

Loss rate: 0.09%

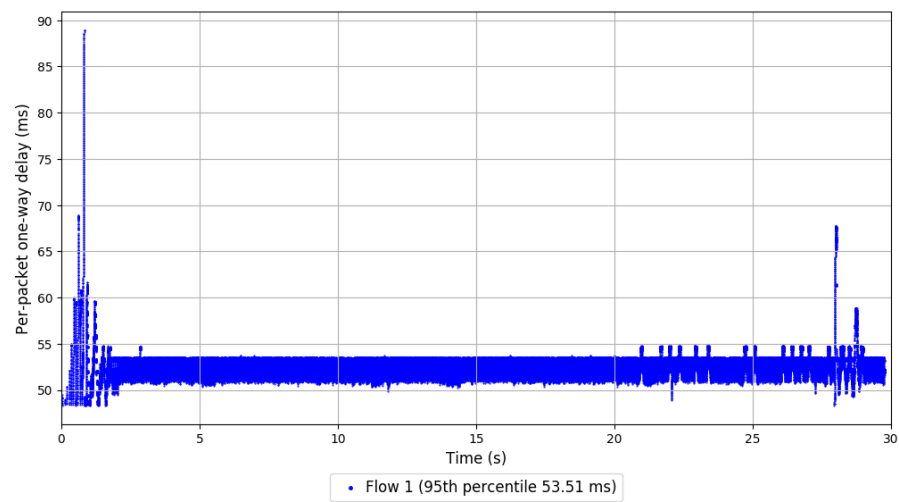
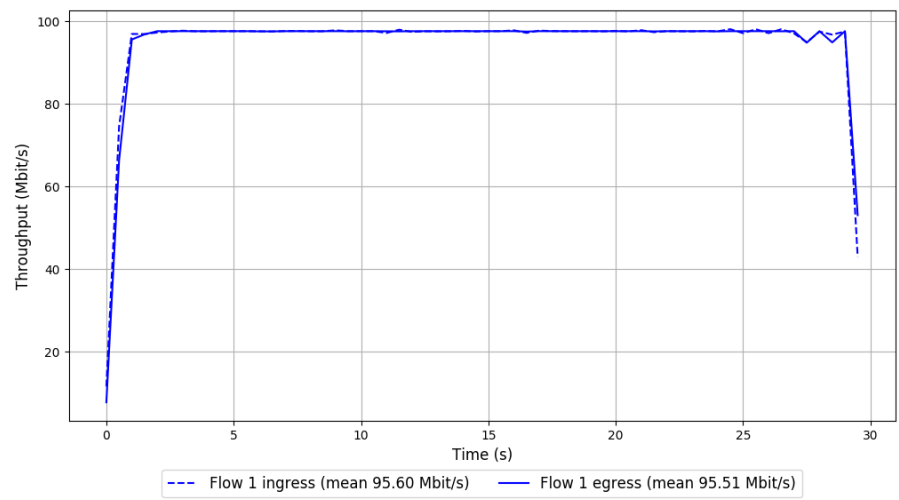
-- Flow 1:

Average throughput: 95.51 Mbit/s

95th percentile per-packet one-way delay: 53.510 ms

Loss rate: 0.09%

Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-09-21 13:23:03

End at: 2017-09-21 13:23:33

Local clock offset: 0.109 ms

Remote clock offset: -0.548 ms

Below is generated by plot.py at 2017-09-21 16:08:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 55.602 ms

Loss rate: 0.01%

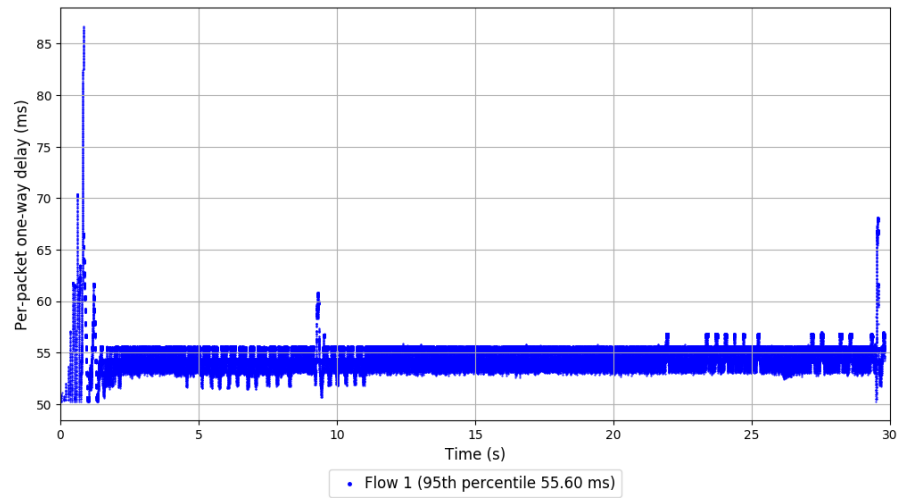
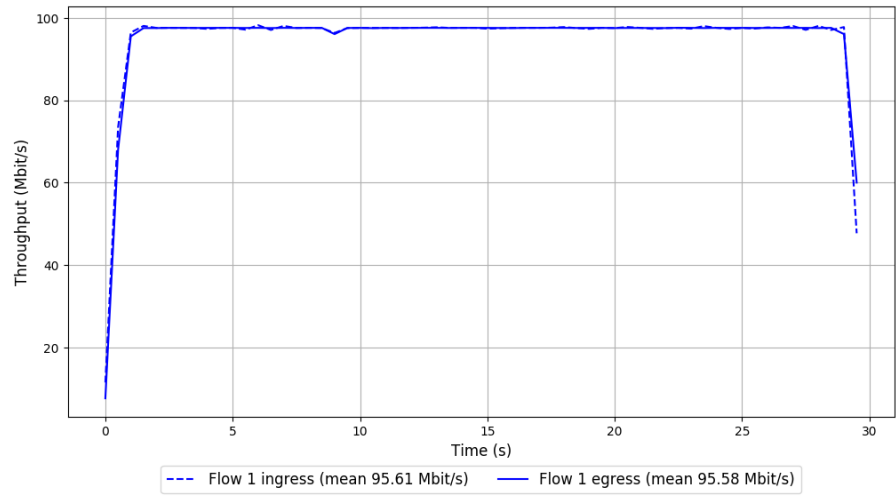
-- Flow 1:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 55.602 ms

Loss rate: 0.01%

Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-09-21 13:41:48

End at: 2017-09-21 13:42:18

Local clock offset: 0.107 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2017-09-21 16:08:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 56.182 ms

Loss rate: 0.07%

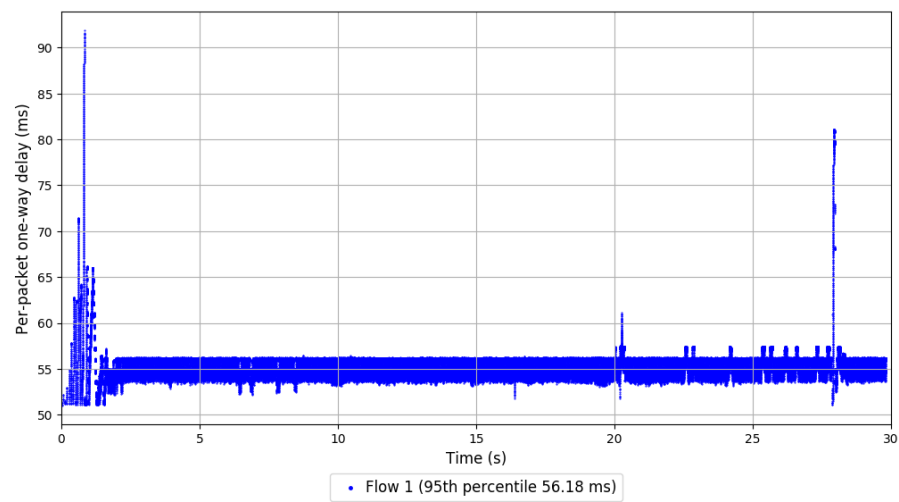
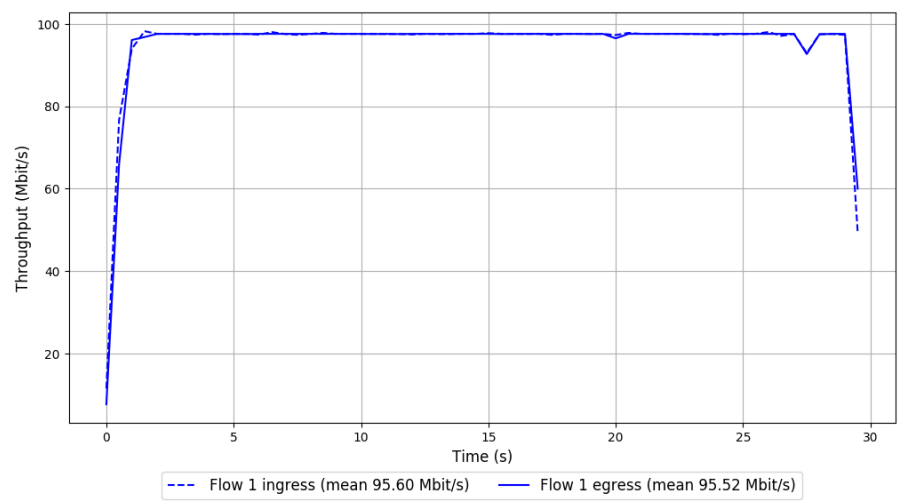
-- Flow 1:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 56.182 ms

Loss rate: 0.07%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-09-21 14:00:37

End at: 2017-09-21 14:01:07

Local clock offset: 0.13 ms

Remote clock offset: -0.601 ms

Below is generated by plot.py at 2017-09-21 16:08:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 55.664 ms

Loss rate: 0.07%

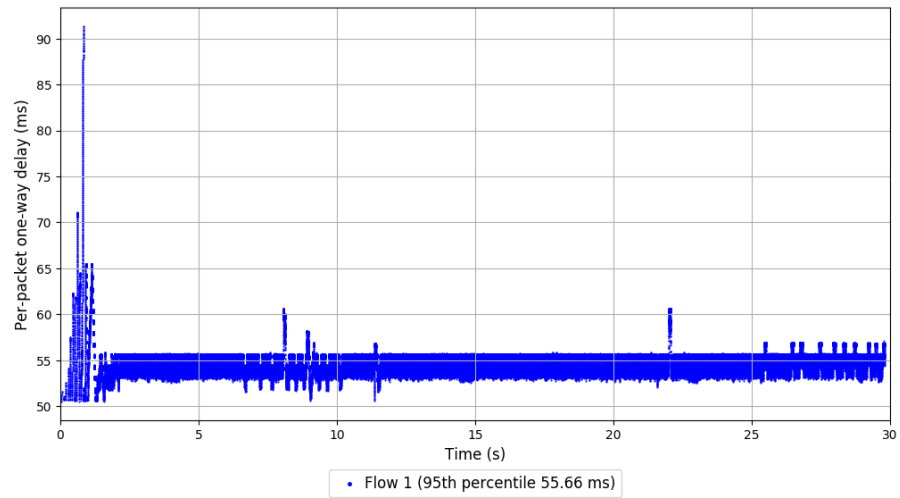
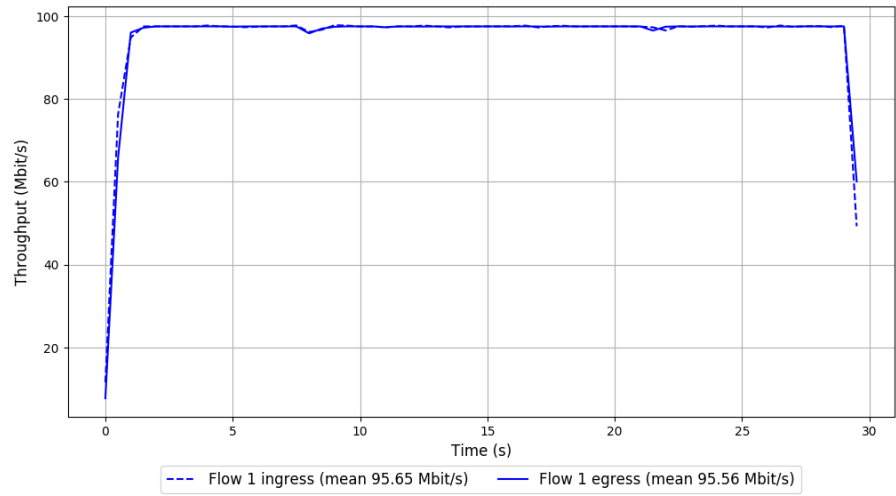
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 55.664 ms

Loss rate: 0.07%

Run 6: Report of Indigo-calib — Data Link

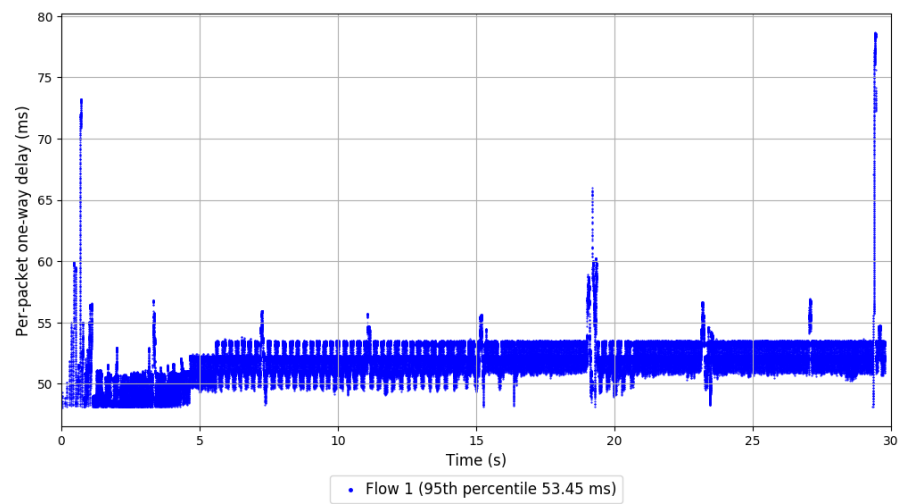
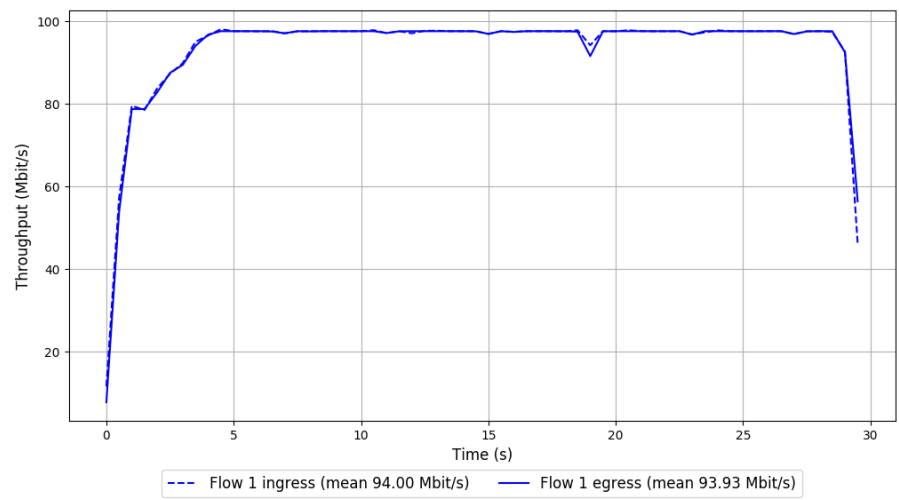


Run 7: Statistics of Indigo-calib

Start at: 2017-09-21 14:19:21
End at: 2017-09-21 14:19:51
Local clock offset: 0.146 ms
Remote clock offset: -2.721 ms

Below is generated by plot.py at 2017-09-21 16:08:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 53.451 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 53.451 ms
Loss rate: 0.05%

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-09-21 14:38:04

End at: 2017-09-21 14:38:34

Local clock offset: 0.17 ms

Remote clock offset: -0.273 ms

Below is generated by plot.py at 2017-09-21 16:08:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.49 Mbit/s

95th percentile per-packet one-way delay: 55.948 ms

Loss rate: 0.05%

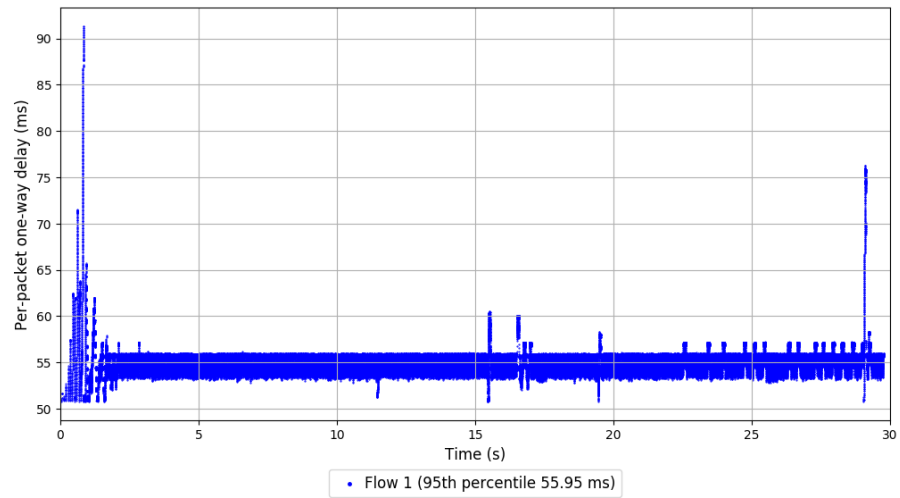
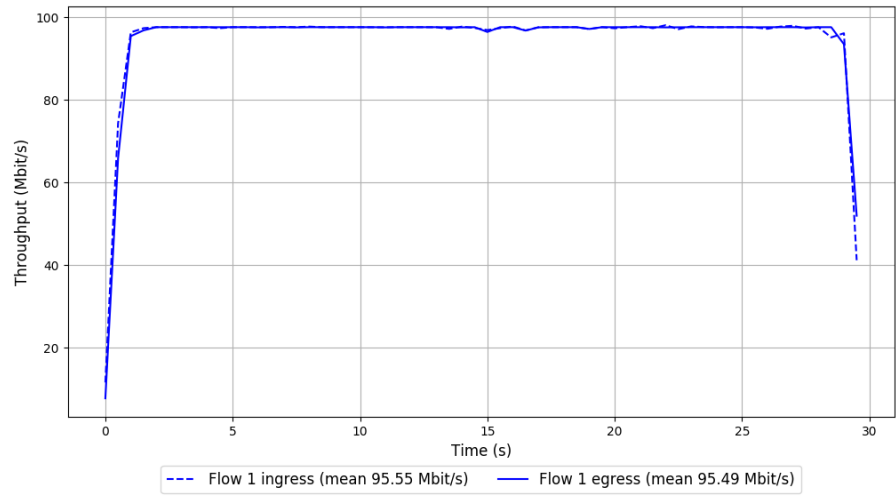
-- Flow 1:

Average throughput: 95.49 Mbit/s

95th percentile per-packet one-way delay: 55.948 ms

Loss rate: 0.05%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-09-21 14:56:49

End at: 2017-09-21 14:57:19

Local clock offset: 0.176 ms

Remote clock offset: -2.75 ms

Below is generated by plot.py at 2017-09-21 16:08:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 54.464 ms

Loss rate: 0.29%

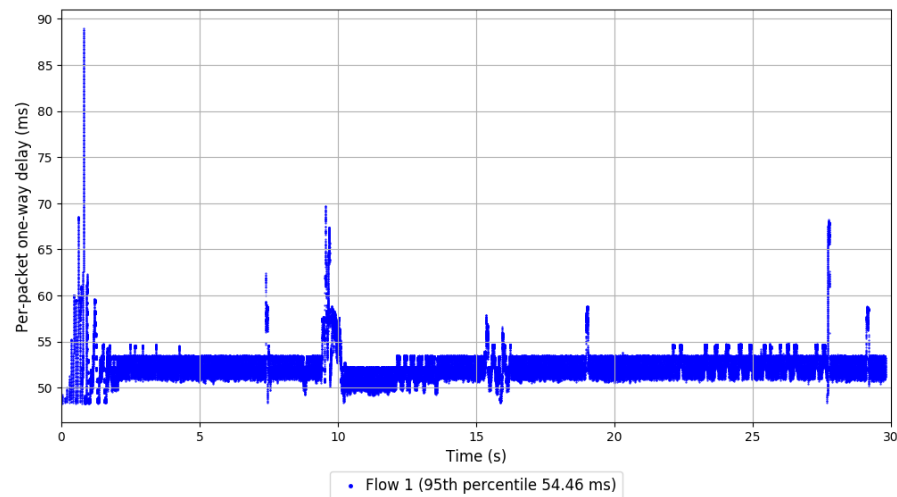
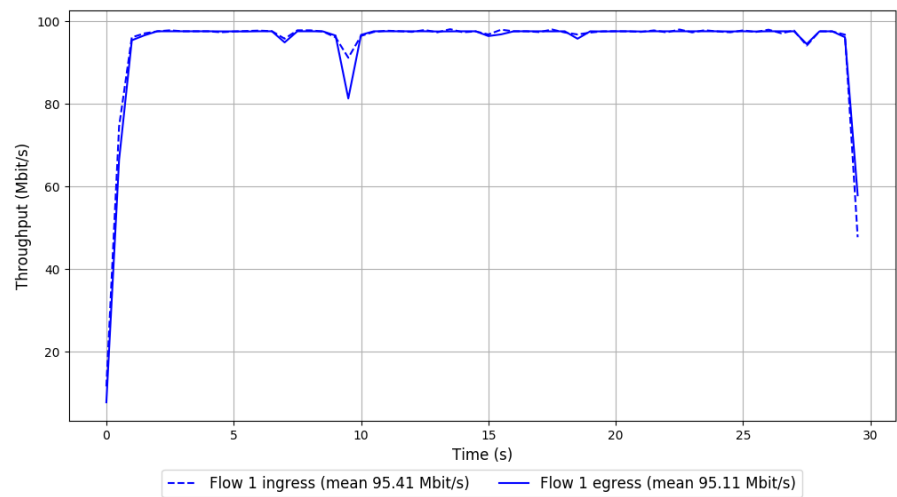
-- Flow 1:

Average throughput: 95.11 Mbit/s

95th percentile per-packet one-way delay: 54.464 ms

Loss rate: 0.29%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-09-21 15:15:37

End at: 2017-09-21 15:16:07

Local clock offset: 0.144 ms

Remote clock offset: -0.806 ms

Below is generated by plot.py at 2017-09-21 16:09:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.43 Mbit/s

95th percentile per-packet one-way delay: 55.423 ms

Loss rate: 0.05%

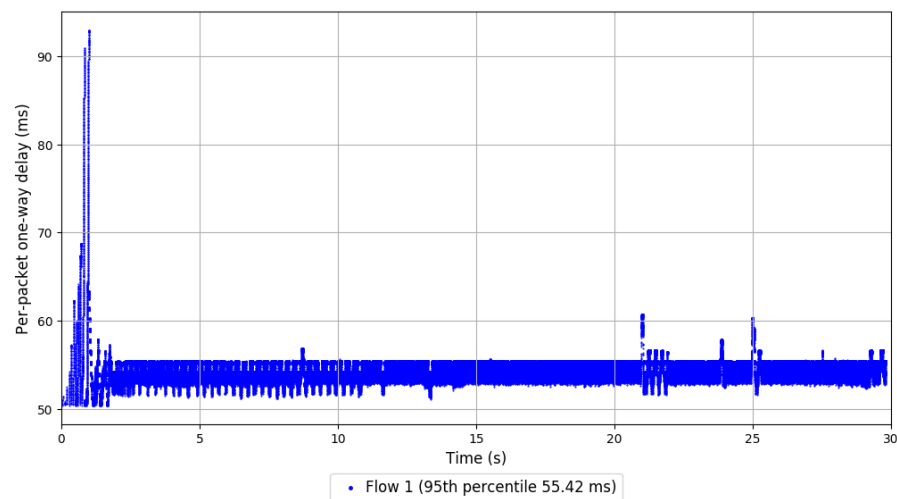
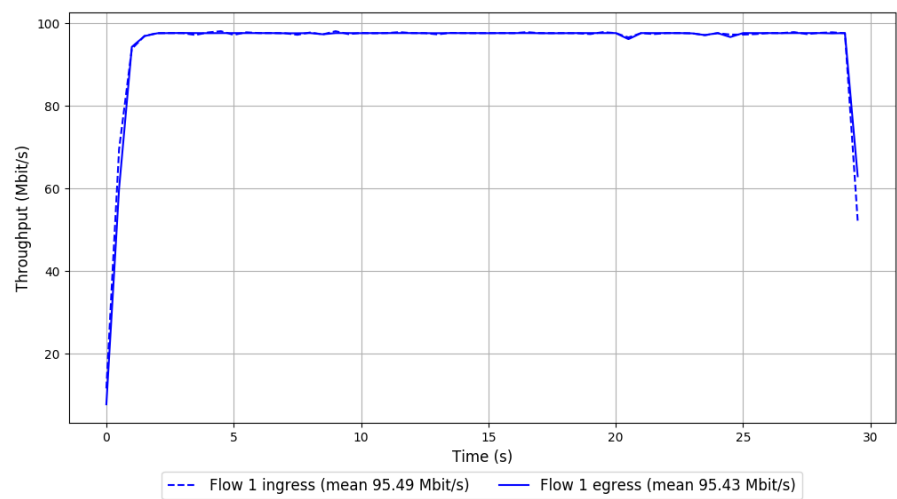
-- Flow 1:

Average throughput: 95.43 Mbit/s

95th percentile per-packet one-way delay: 55.423 ms

Loss rate: 0.05%

Run 10: Report of Indigo-calib — Data Link

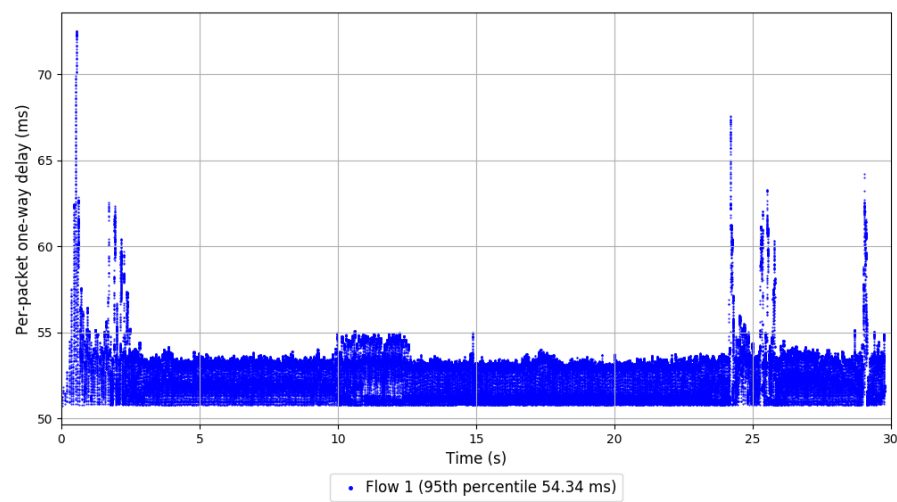
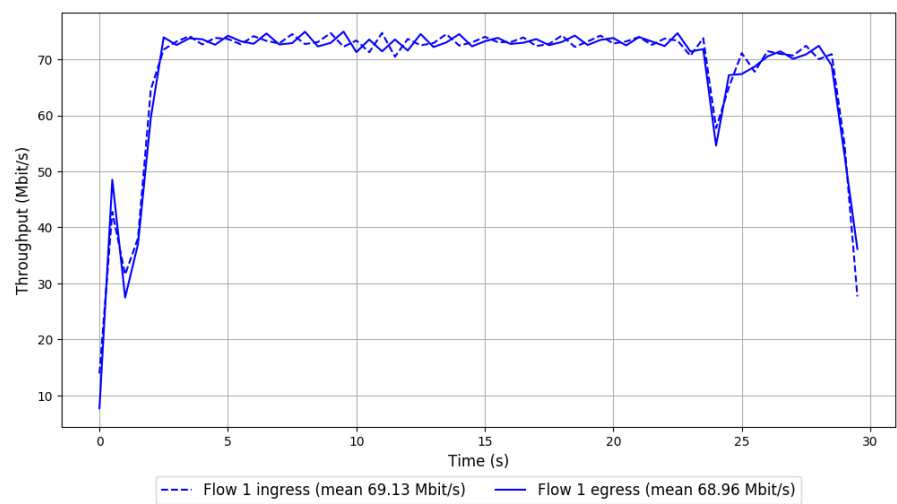


```
Run 1: Statistics of Indigo-delay

Start at: 2017-09-21 12:37:36
End at: 2017-09-21 12:38:06
Local clock offset: 0.271 ms
Remote clock offset: 0.211 ms

# Below is generated by plot.py at 2017-09-21 16:09:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 54.337 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 54.337 ms
Loss rate: 0.24%
```

Run 1: Report of Indigo-delay — Data Link

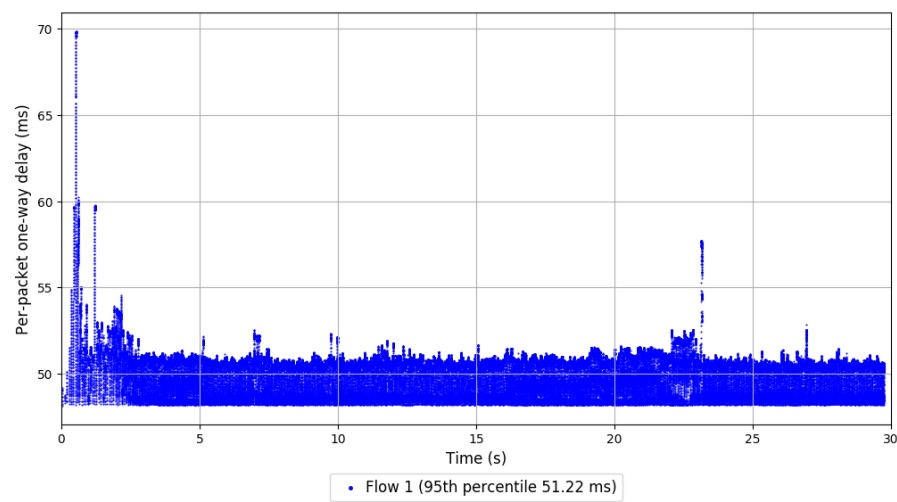
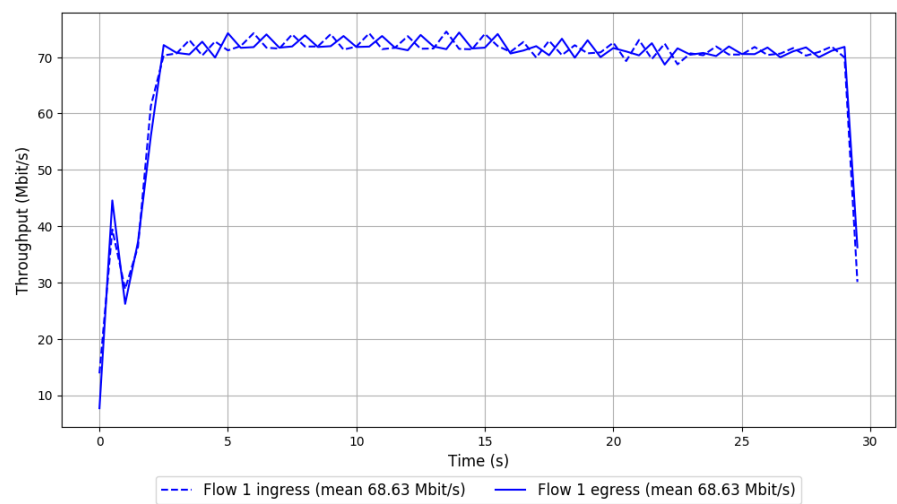


Run 2: Statistics of Indigo-delay

Start at: 2017-09-21 12:56:22
End at: 2017-09-21 12:56:52
Local clock offset: 0.244 ms
Remote clock offset: -2.272 ms

Below is generated by plot.py at 2017-09-21 16:09:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 51.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 51.219 ms
Loss rate: 0.00%

Run 2: Report of Indigo-delay — Data Link

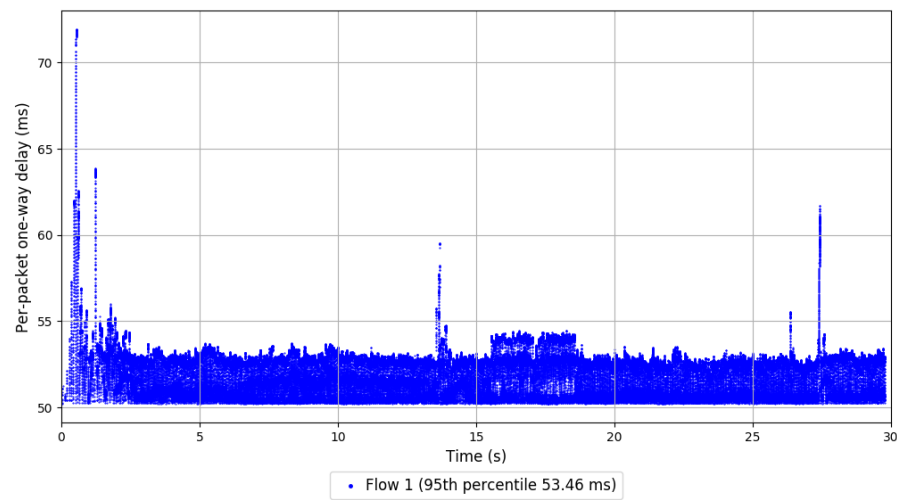
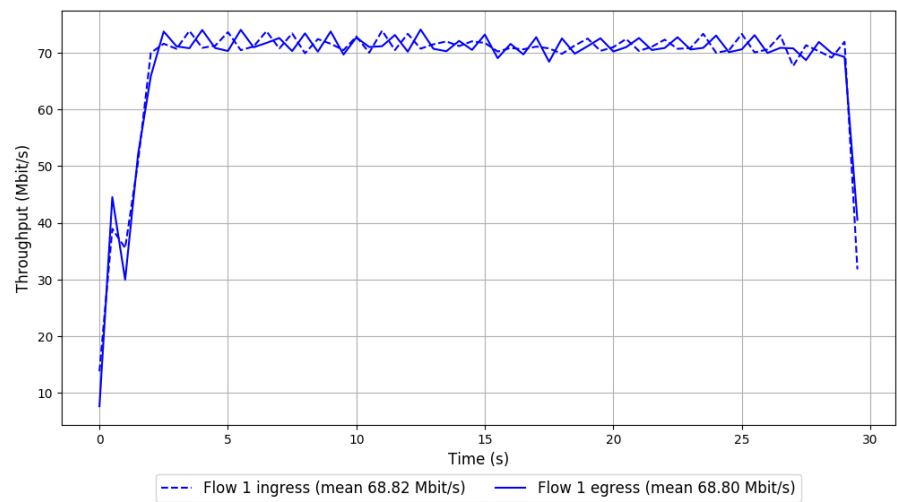


Run 3: Statistics of Indigo-delay

Start at: 2017-09-21 13:15:08
End at: 2017-09-21 13:15:39
Local clock offset: 0.228 ms
Remote clock offset: -0.396 ms

Below is generated by plot.py at 2017-09-21 16:09:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 53.463 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 68.80 Mbit/s
95th percentile per-packet one-way delay: 53.463 ms
Loss rate: 0.03%

Run 3: Report of Indigo-delay — Data Link

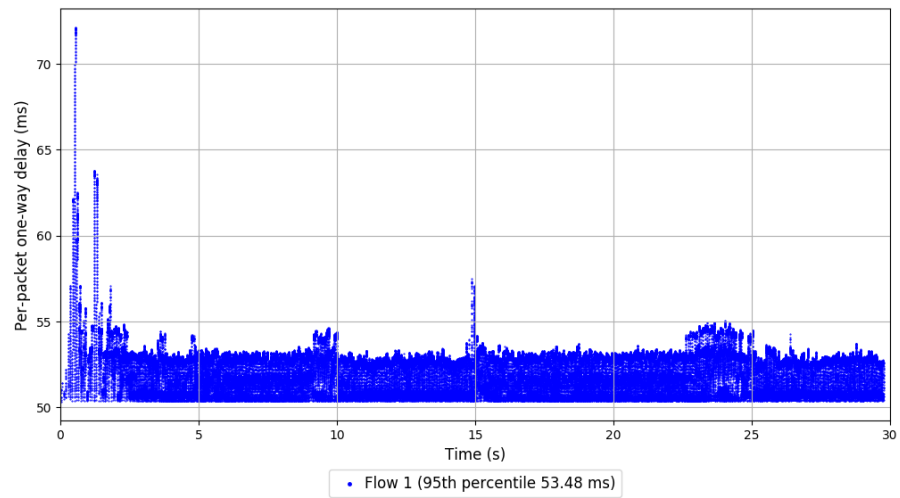
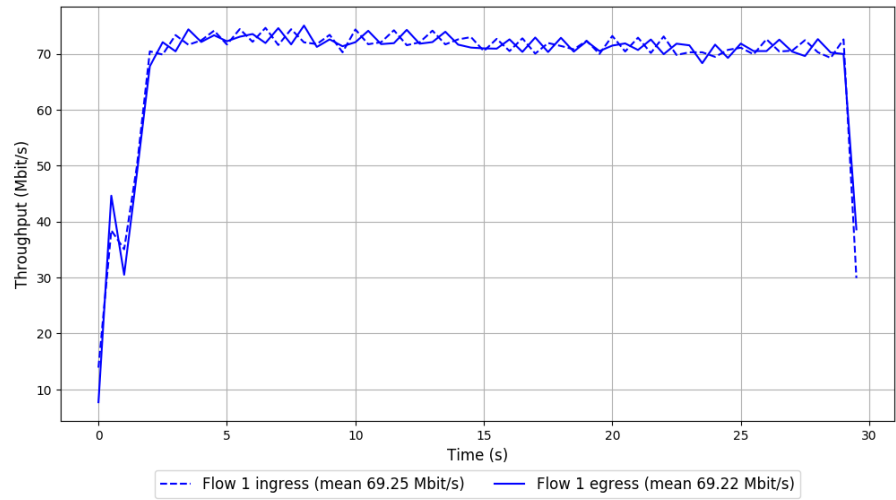


Run 4: Statistics of Indigo-delay

Start at: 2017-09-21 13:33:52
End at: 2017-09-21 13:34:22
Local clock offset: 0.197 ms
Remote clock offset: -0.651 ms

Below is generated by plot.py at 2017-09-21 16:09:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.22 Mbit/s
95th percentile per-packet one-way delay: 53.479 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 69.22 Mbit/s
95th percentile per-packet one-way delay: 53.479 ms
Loss rate: 0.04%

Run 4: Report of Indigo-delay — Data Link

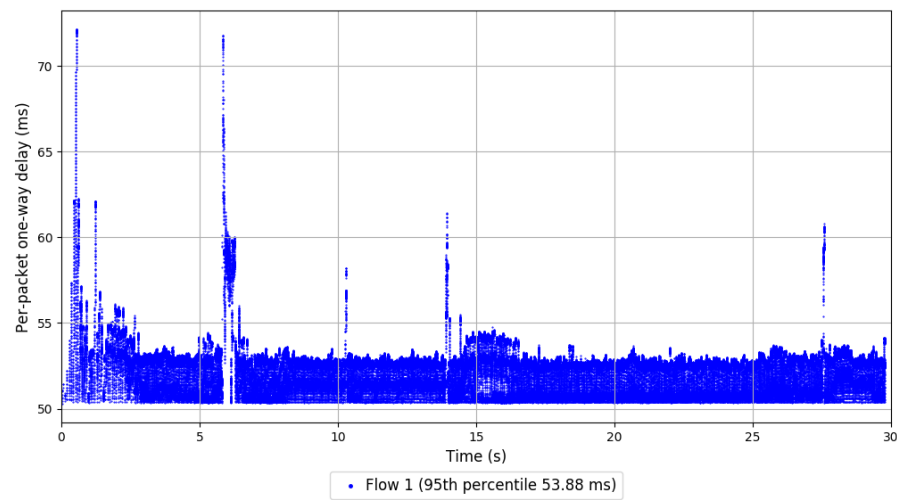
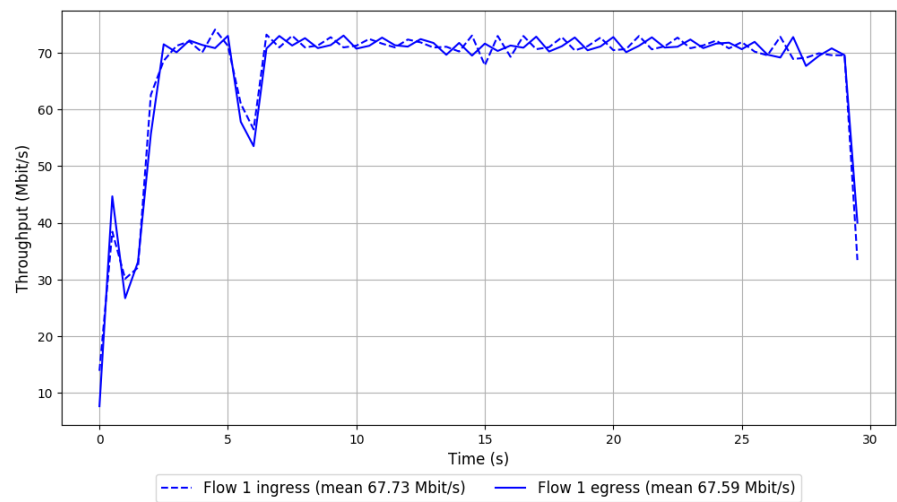


Run 5: Statistics of Indigo-delay

Start at: 2017-09-21 13:52:40
End at: 2017-09-21 13:53:10
Local clock offset: 0.222 ms
Remote clock offset: -0.735 ms

Below is generated by plot.py at 2017-09-21 16:09:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.20%

Run 5: Report of Indigo-delay — Data Link



Run 6: Statistics of Indigo-delay

Start at: 2017-09-21 14:11:27

End at: 2017-09-21 14:11:57

Local clock offset: 0.1 ms

Remote clock offset: -2.705 ms

Below is generated by plot.py at 2017-09-21 16:09:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.48 Mbit/s

95th percentile per-packet one-way delay: 51.331 ms

Loss rate: 0.05%

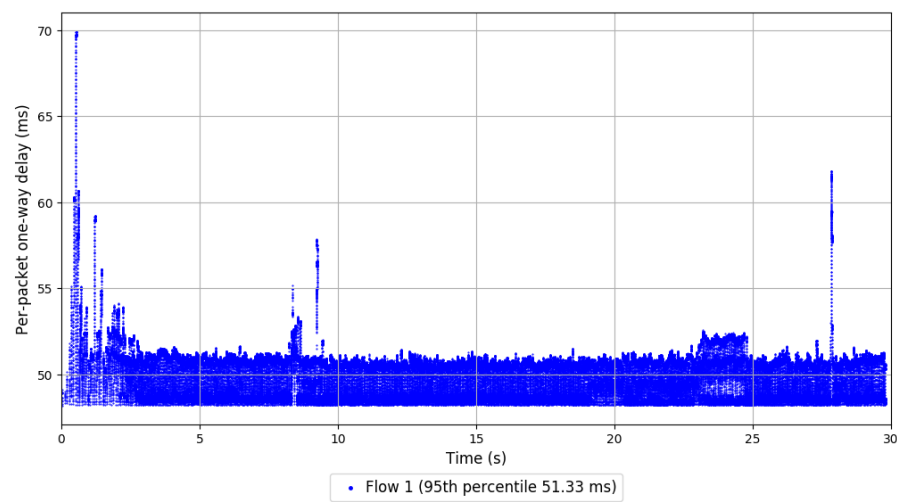
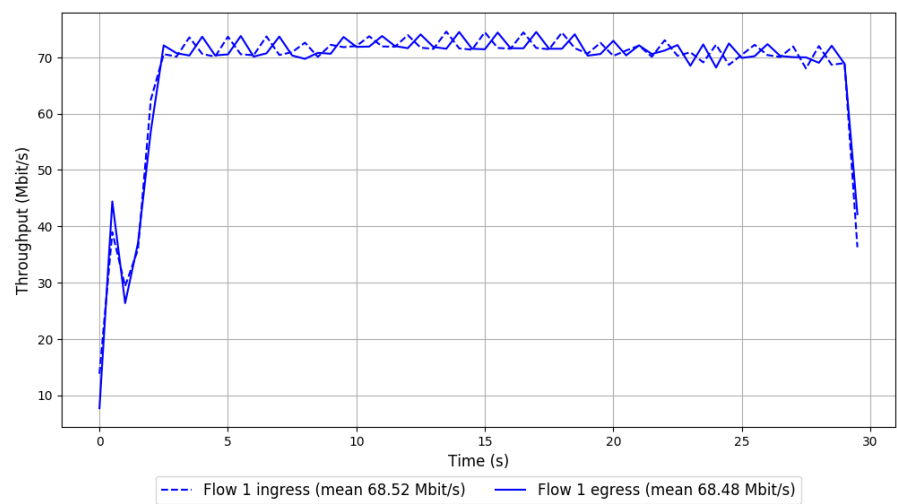
-- Flow 1:

Average throughput: 68.48 Mbit/s

95th percentile per-packet one-way delay: 51.331 ms

Loss rate: 0.05%

Run 6: Report of Indigo-delay — Data Link

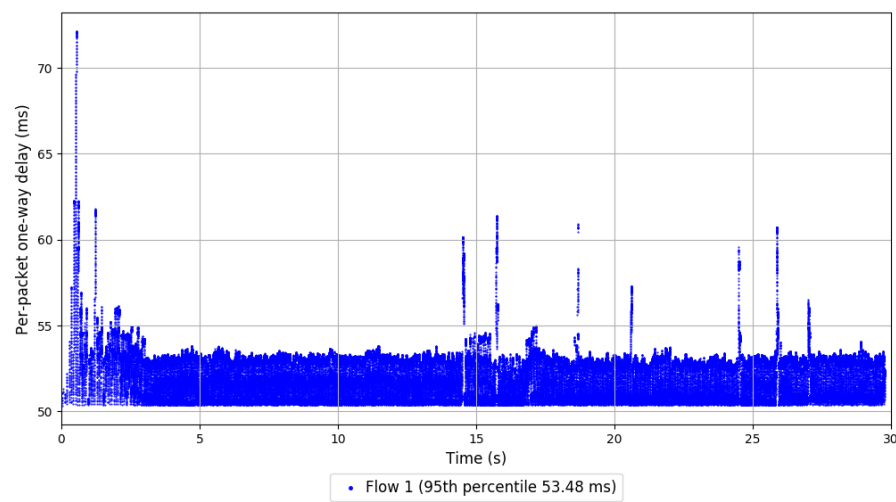
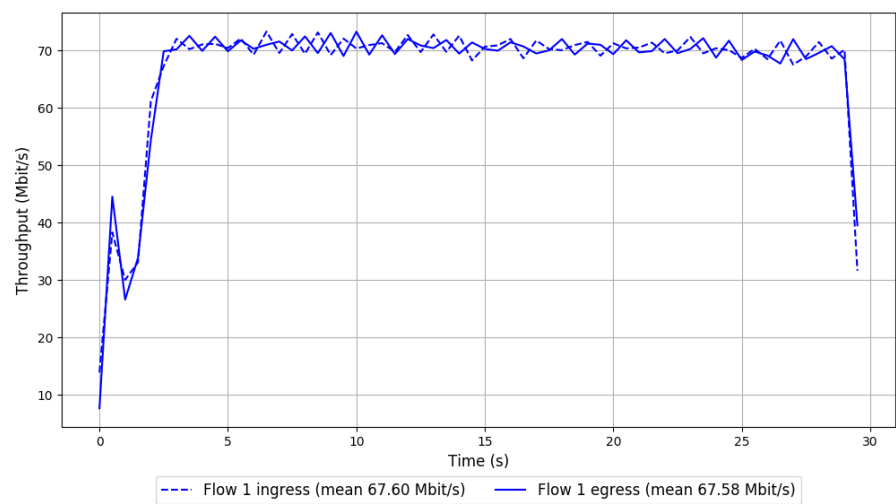


Run 7: Statistics of Indigo-delay

Start at: 2017-09-21 14:30:10
End at: 2017-09-21 14:30:40
Local clock offset: 0.155 ms
Remote clock offset: -0.733 ms

Below is generated by plot.py at 2017-09-21 16:09:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.58 Mbit/s
95th percentile per-packet one-way delay: 53.476 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 67.58 Mbit/s
95th percentile per-packet one-way delay: 53.476 ms
Loss rate: 0.02%

Run 7: Report of Indigo-delay — Data Link



Run 8: Statistics of Indigo-delay

Start at: 2017-09-21 14:48:54

End at: 2017-09-21 14:49:24

Local clock offset: 0.188 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2017-09-21 16:09:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.56 Mbit/s

95th percentile per-packet one-way delay: 54.641 ms

Loss rate: 0.11%

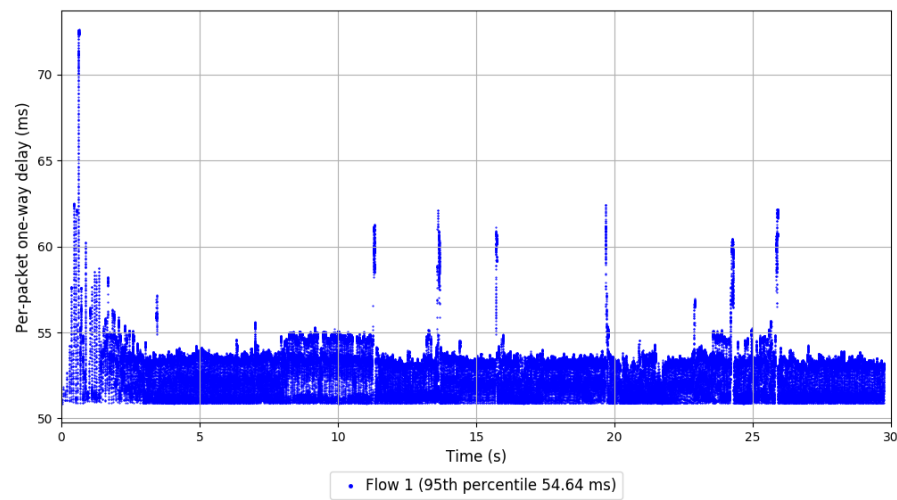
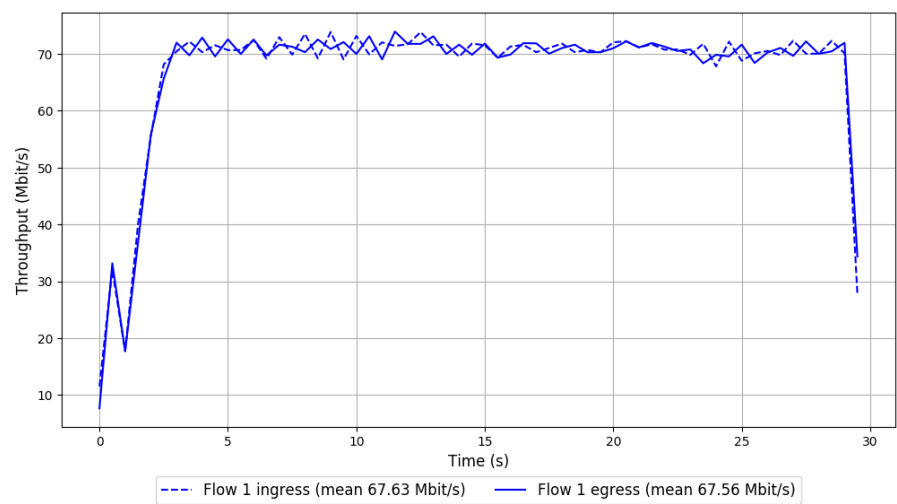
-- Flow 1:

Average throughput: 67.56 Mbit/s

95th percentile per-packet one-way delay: 54.641 ms

Loss rate: 0.11%

Run 8: Report of Indigo-delay — Data Link

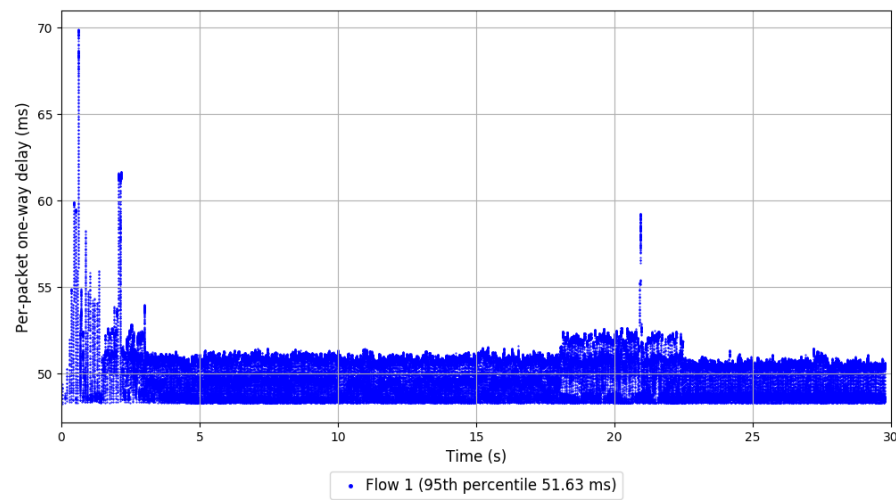
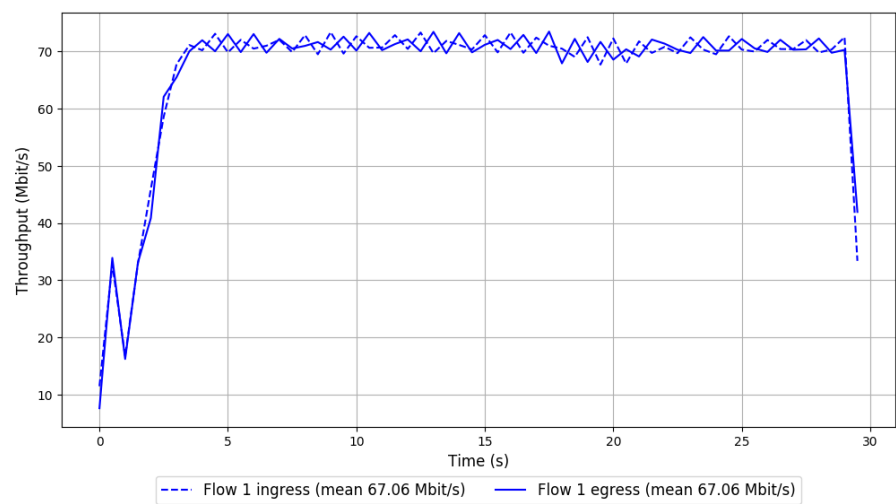


Run 9: Statistics of Indigo-delay

Start at: 2017-09-21 15:07:42
End at: 2017-09-21 15:08:12
Local clock offset: 0.073 ms
Remote clock offset: -2.961 ms

Below is generated by plot.py at 2017-09-21 16:09:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.06 Mbit/s
95th percentile per-packet one-way delay: 51.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.06 Mbit/s
95th percentile per-packet one-way delay: 51.628 ms
Loss rate: 0.00%

Run 9: Report of Indigo-delay — Data Link



Run 10: Statistics of Indigo-delay

Start at: 2017-09-21 15:26:29

End at: 2017-09-21 15:26:59

Local clock offset: 0.062 ms

Remote clock offset: -0.745 ms

Below is generated by plot.py at 2017-09-21 16:09:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.63 Mbit/s

95th percentile per-packet one-way delay: 53.781 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 68.63 Mbit/s

95th percentile per-packet one-way delay: 53.781 ms

Loss rate: 0.01%

Run 10: Report of Indigo-delay — Data Link

