

Pantheon Report

Generated at 2017-09-03 08:18:35 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

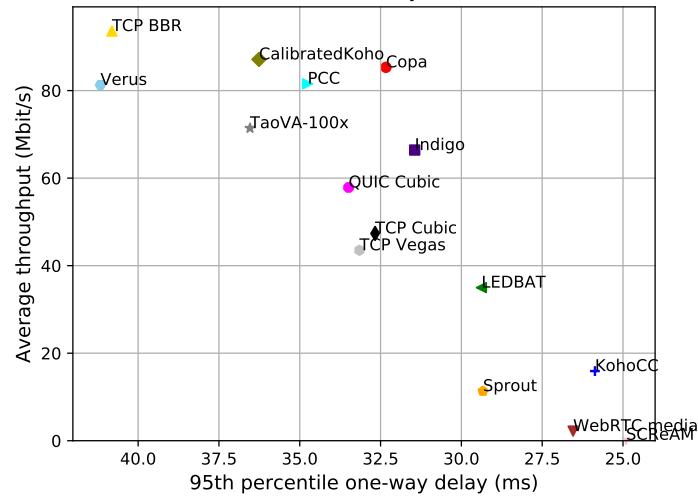
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

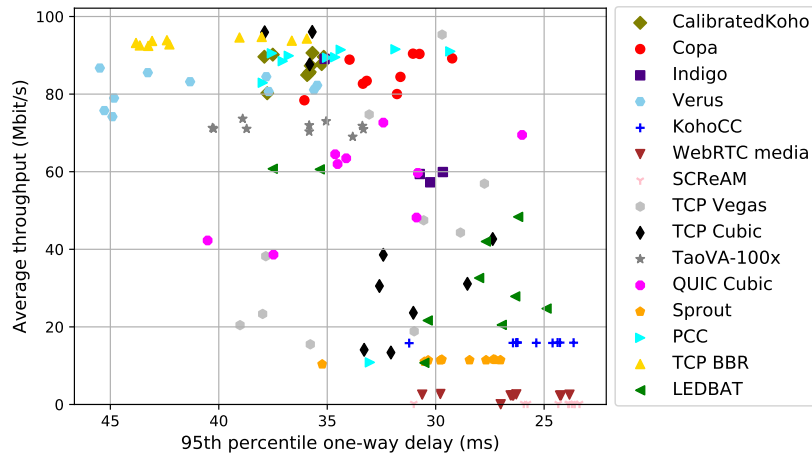
Git summary:

```
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e
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 Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	93.60	40.81	0.56
CalibratedKoho	10	87.12	36.26	0.45
Copa	9	85.31	32.33	0.44
TCP Cubic	10	47.36	32.67	0.39
Indigo	4	66.42	31.44	0.58
KohoCC	10	15.91	25.87	0.32
LEDBAT	10	34.98	29.38	0.40
PCC	10	81.56	34.76	0.55
QUIC Cubic	9	57.87	33.49	0.38
SCReAM	10	0.22	24.91	0.23
Sprout	10	11.33	29.33	0.34
TaoVA-100x	10	71.42	36.54	0.45
TCP Vegas	10	43.52	33.15	0.34
Verus	10	81.29	41.17	0.52
WebRTC media	10	2.20	26.54	0.28

Run 1: Statistics of TCP BBR

Start at: 2017-09-03 01:07:13

End at: 2017-09-03 01:07:43

Local clock offset: 0.962 ms

Remote clock offset: -0.834 ms

Below is generated by plot.py at 2017-09-03 08:08:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.70 Mbit/s

95th percentile per-packet one-way delay: 43.076 ms

Loss rate: 0.56%

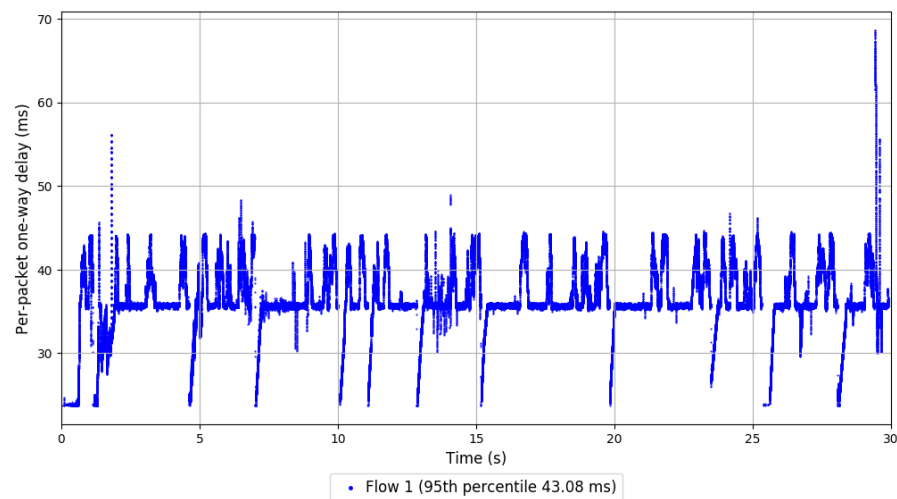
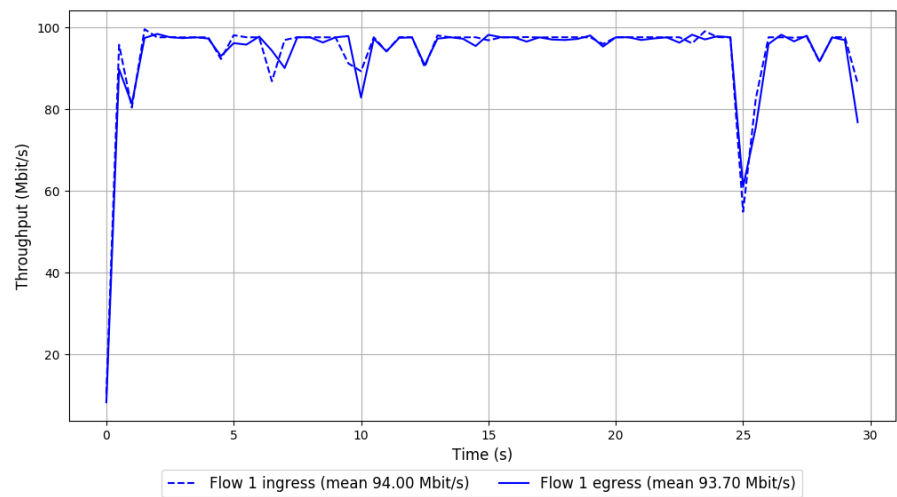
-- Flow 1:

Average throughput: 93.70 Mbit/s

95th percentile per-packet one-way delay: 43.076 ms

Loss rate: 0.56%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-09-03 01:27:35

End at: 2017-09-03 01:28:05

Local clock offset: 0.847 ms

Remote clock offset: -0.504 ms

Below is generated by plot.py at 2017-09-03 08:08:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 42.391 ms

Loss rate: 0.47%

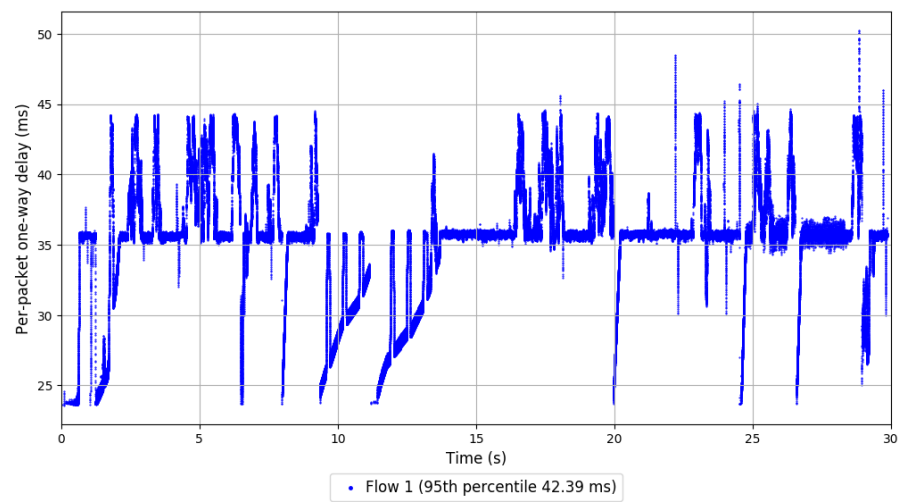
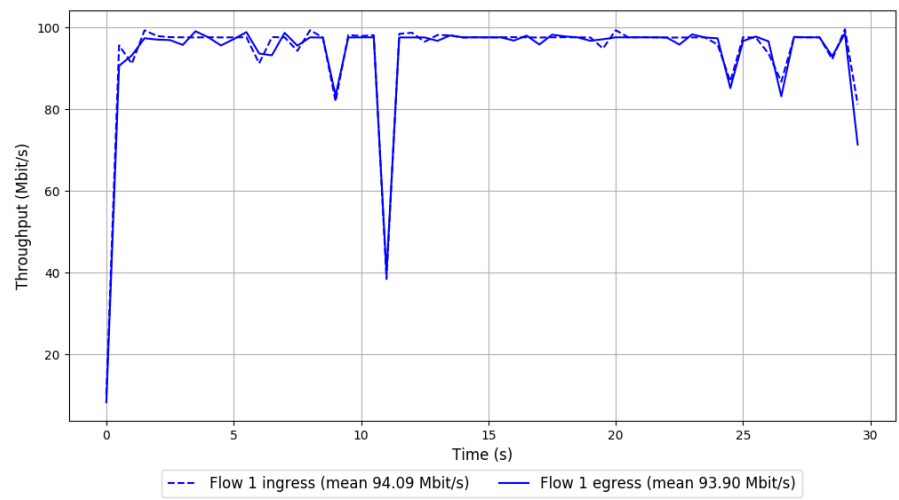
-- Flow 1:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 42.391 ms

Loss rate: 0.47%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-03 01:48:19

End at: 2017-09-03 01:48:49

Local clock offset: 0.862 ms

Remote clock offset: 0.471 ms

Below is generated by plot.py at 2017-09-03 08:08:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.82 Mbit/s

95th percentile per-packet one-way delay: 42.277 ms

Loss rate: 0.62%

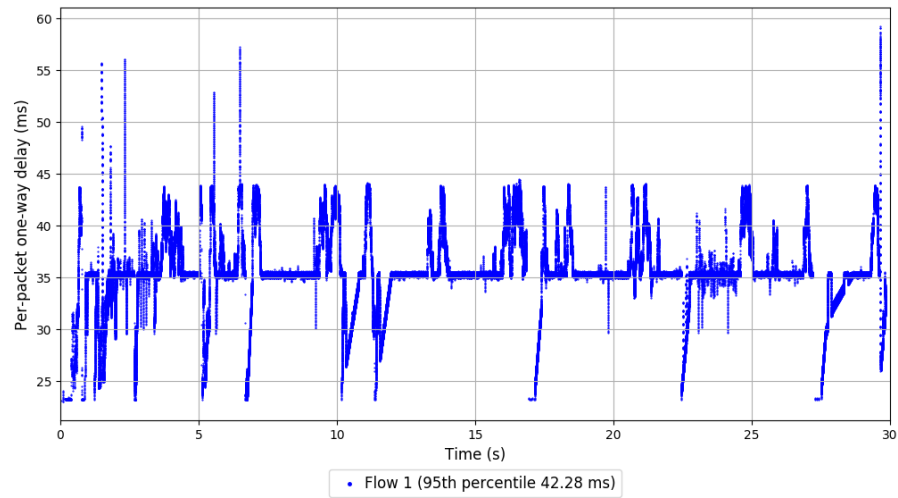
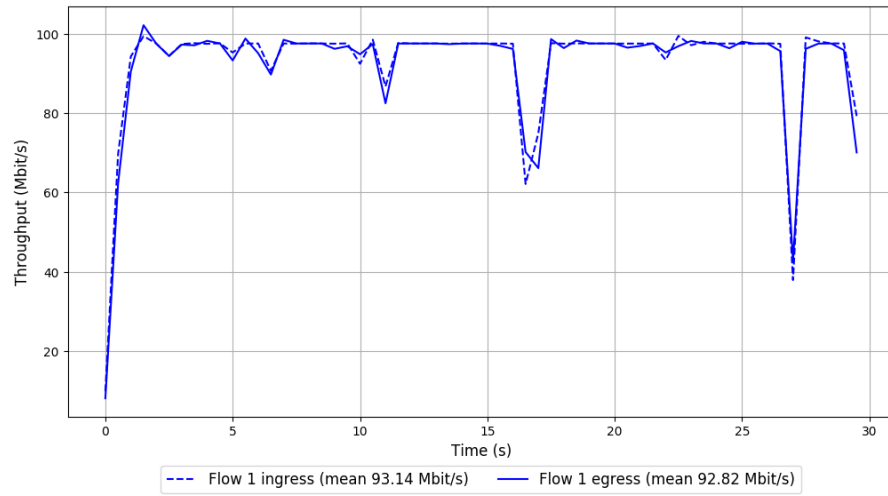
-- Flow 1:

Average throughput: 92.82 Mbit/s

95th percentile per-packet one-way delay: 42.277 ms

Loss rate: 0.62%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-09-03 02:08:58

End at: 2017-09-03 02:09:28

Local clock offset: 0.491 ms

Remote clock offset: 0.85 ms

Below is generated by plot.py at 2017-09-03 08:08:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.43 Mbit/s

95th percentile per-packet one-way delay: 43.253 ms

Loss rate: 1.15%

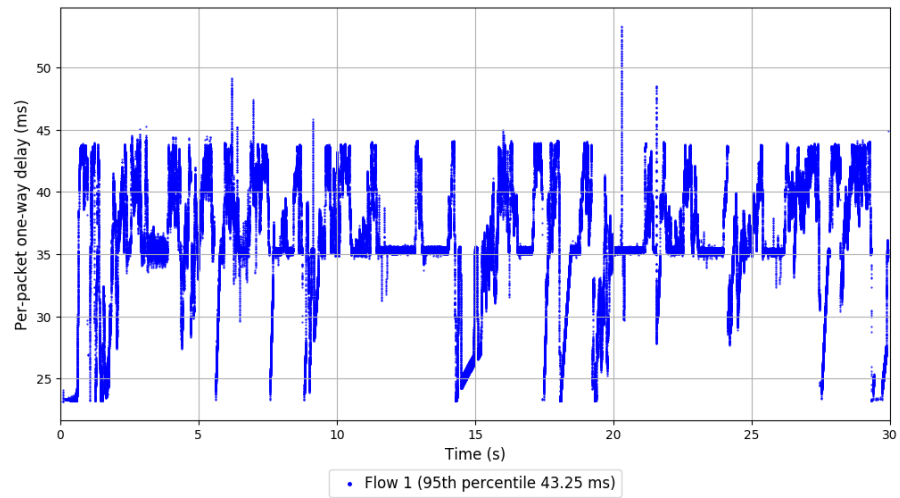
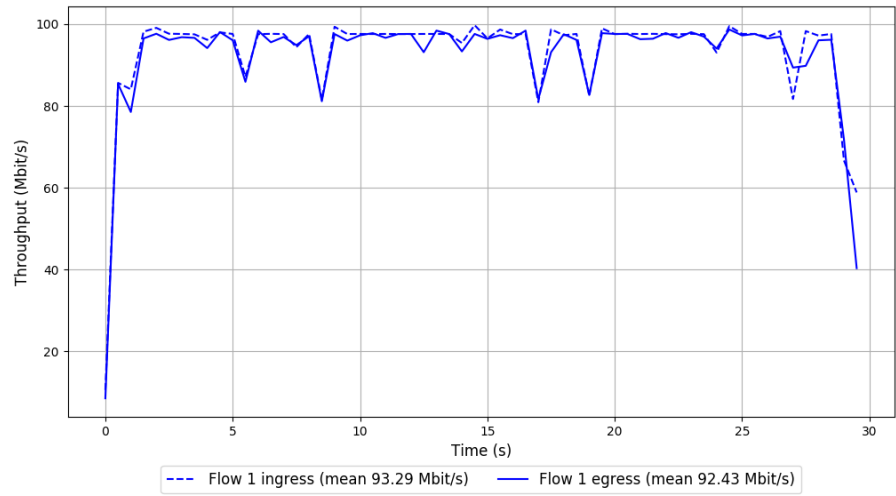
-- Flow 1:

Average throughput: 92.43 Mbit/s

95th percentile per-packet one-way delay: 43.253 ms

Loss rate: 1.15%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-03 02:29:18

End at: 2017-09-03 02:29:48

Local clock offset: 0.007 ms

Remote clock offset: 0.69 ms

Below is generated by plot.py at 2017-09-03 08:08:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.54 Mbit/s

95th percentile per-packet one-way delay: 43.642 ms

Loss rate: 0.95%

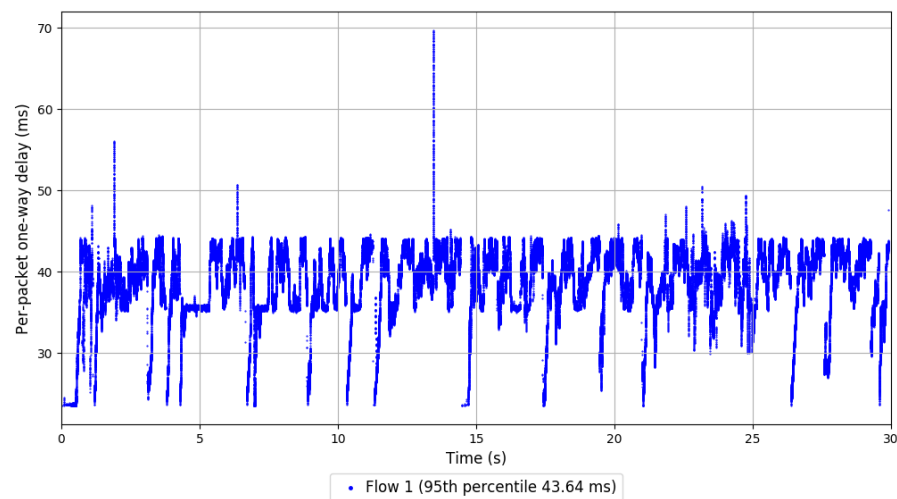
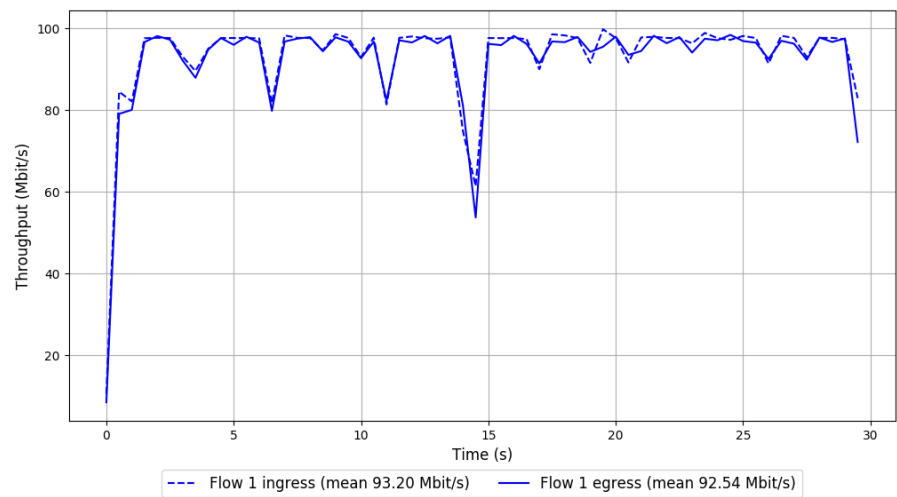
-- Flow 1:

Average throughput: 92.54 Mbit/s

95th percentile per-packet one-way delay: 43.642 ms

Loss rate: 0.95%

Run 5: Report of TCP BBR — Data Link

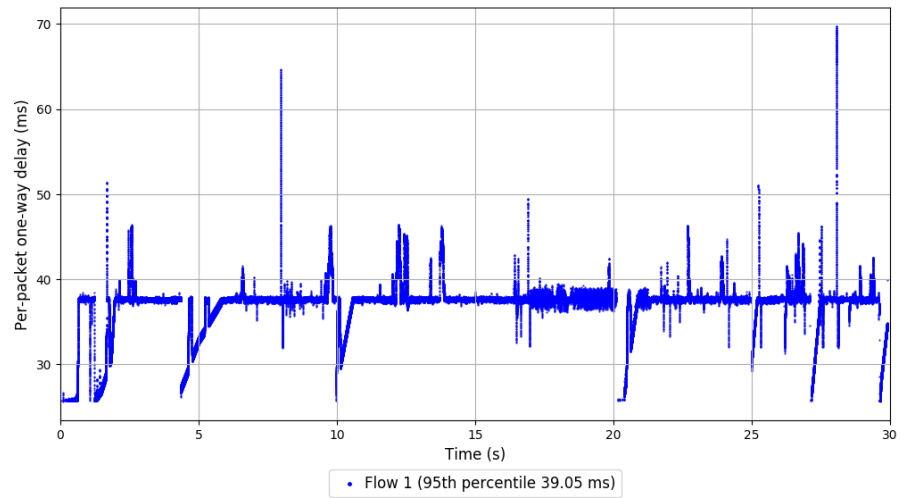
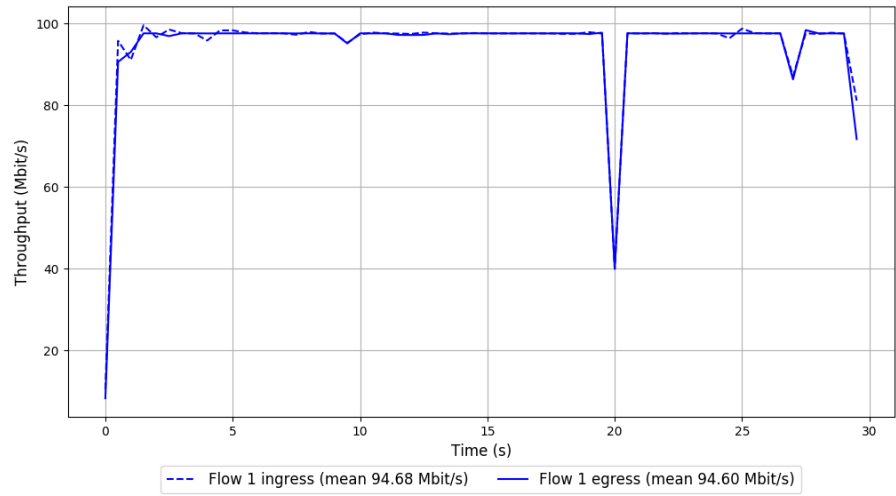


Run 6: Statistics of TCP BBR

Start at: 2017-09-03 02:49:43
End at: 2017-09-03 02:50:13
Local clock offset: -0.342 ms
Remote clock offset: -1.501 ms

Below is generated by plot.py at 2017-09-03 08:08:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 39.045 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 39.045 ms
Loss rate: 0.34%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-09-03 03:10:03

End at: 2017-09-03 03:10:33

Local clock offset: -0.462 ms

Remote clock offset: 0.813 ms

Below is generated by plot.py at 2017-09-03 08:09:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.77 Mbit/s

95th percentile per-packet one-way delay: 36.635 ms

Loss rate: 0.46%

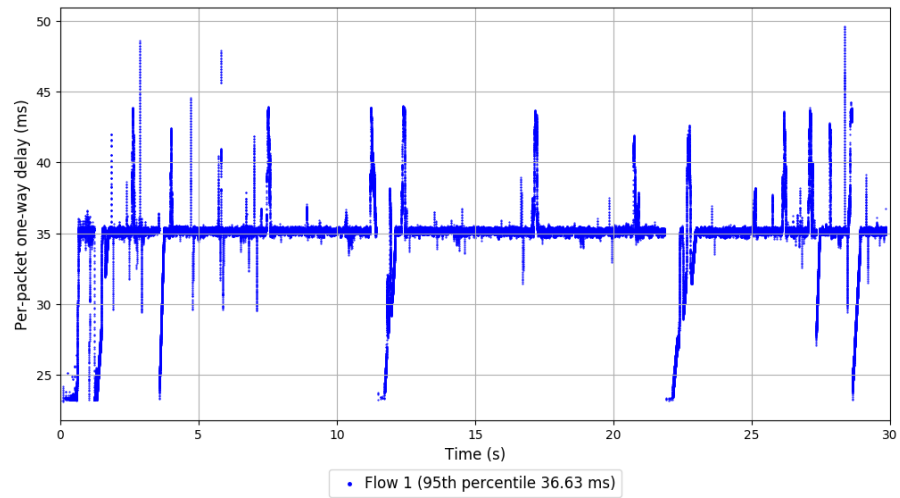
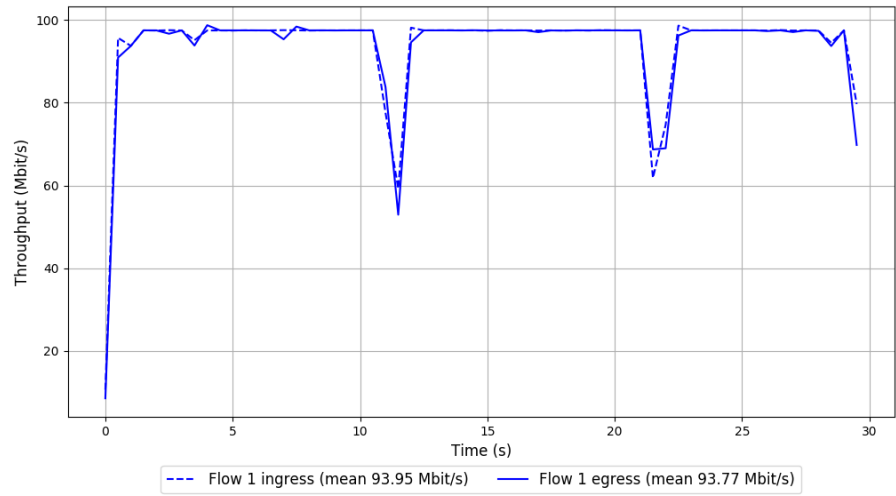
-- Flow 1:

Average throughput: 93.77 Mbit/s

95th percentile per-packet one-way delay: 36.635 ms

Loss rate: 0.46%

Run 7: Report of TCP BBR — Data Link

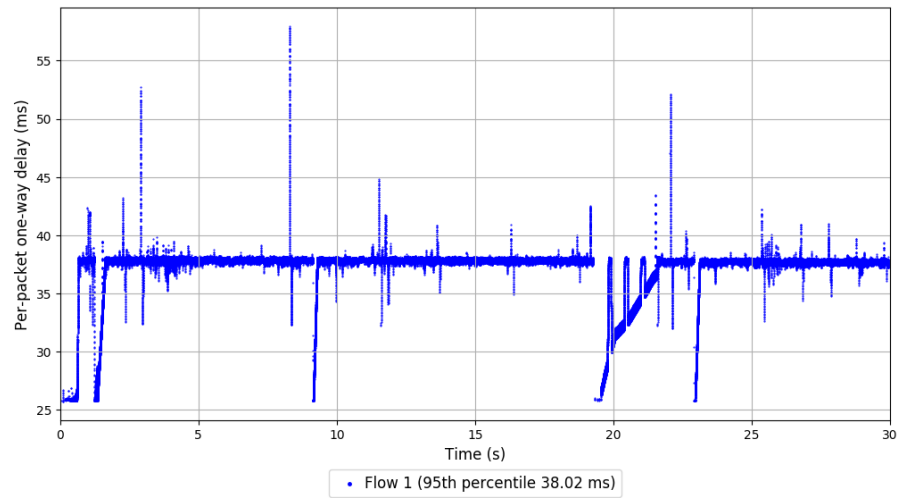
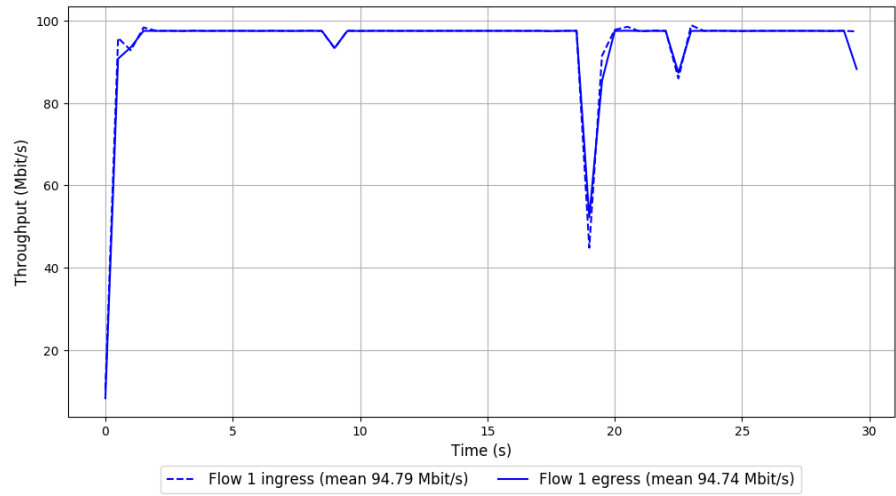


Run 8: Statistics of TCP BBR

Start at: 2017-09-03 03:30:18
End at: 2017-09-03 03:30:48
Local clock offset: -0.497 ms
Remote clock offset: -2.015 ms

Below is generated by plot.py at 2017-09-03 08:09:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.74 Mbit/s
95th percentile per-packet one-way delay: 38.021 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 94.74 Mbit/s
95th percentile per-packet one-way delay: 38.021 ms
Loss rate: 0.29%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-09-03 03:50:28

End at: 2017-09-03 03:50:58

Local clock offset: -0.264 ms

Remote clock offset: 0.206 ms

Below is generated by plot.py at 2017-09-03 08:09:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 35.941 ms

Loss rate: 0.32%

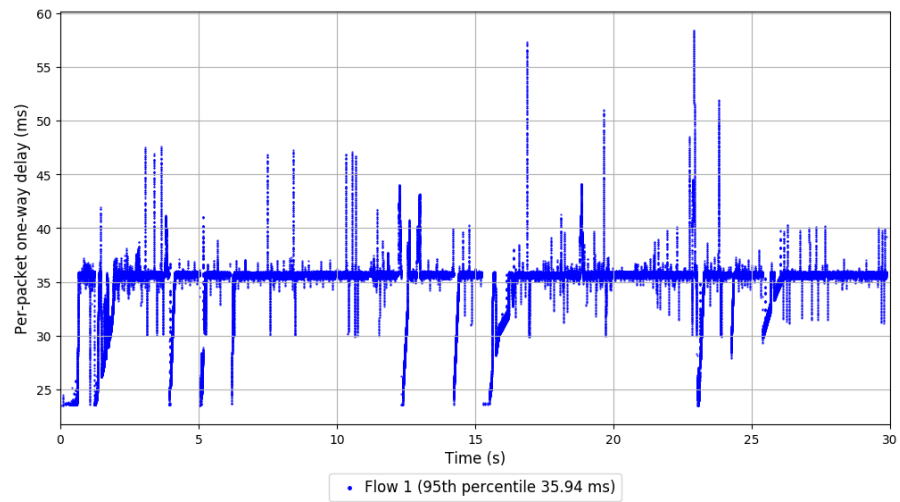
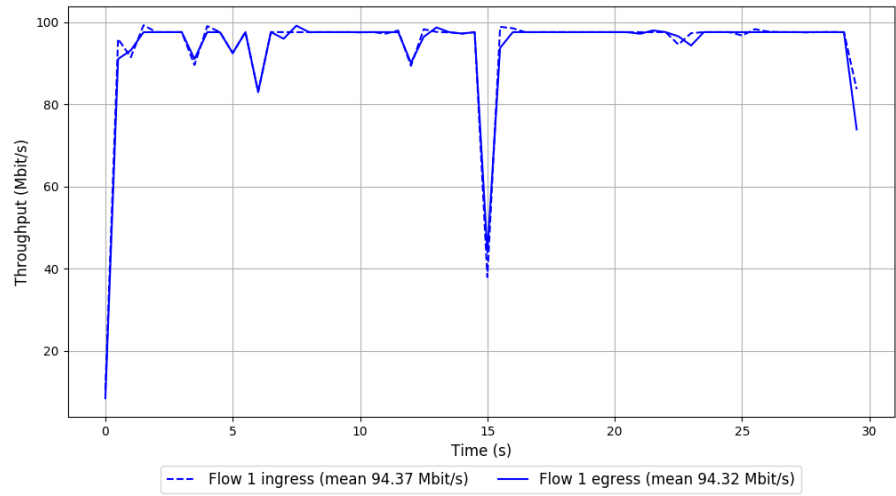
-- Flow 1:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 35.941 ms

Loss rate: 0.32%

Run 9: Report of TCP BBR — Data Link

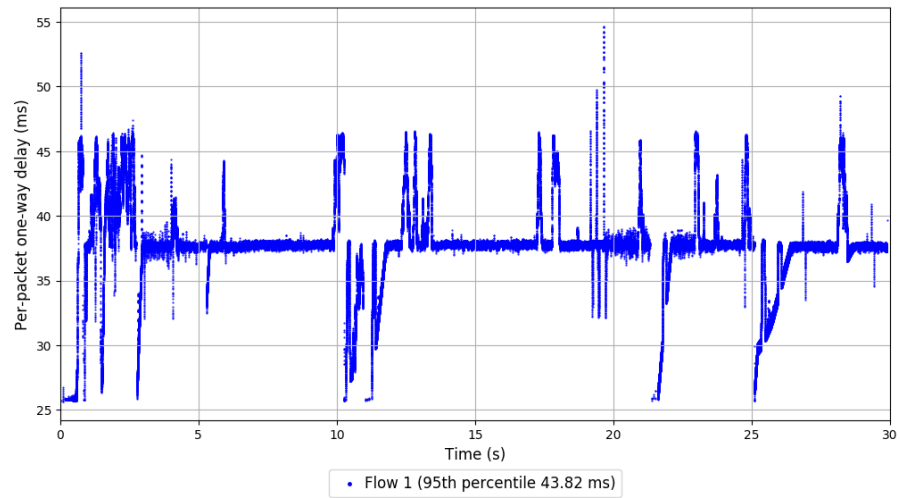
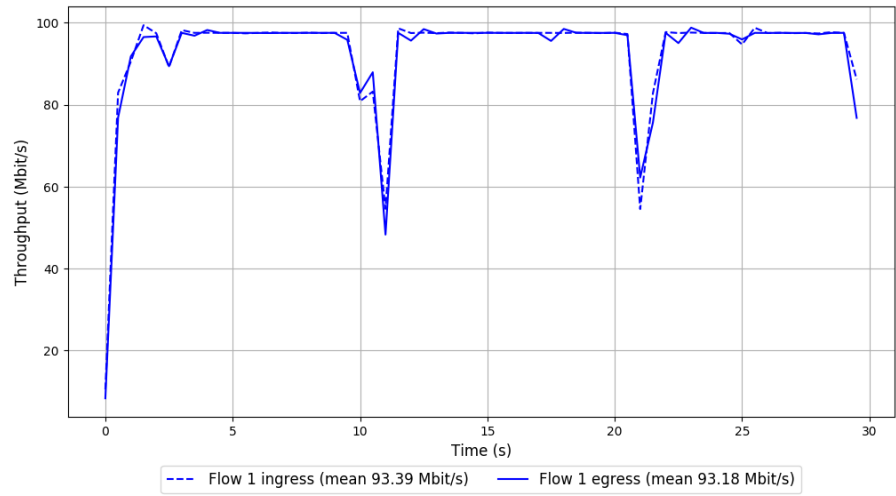


Run 10: Statistics of TCP BBR

Start at: 2017-09-03 04:10:40
End at: 2017-09-03 04:11:10
Local clock offset: -0.151 ms
Remote clock offset: -2.038 ms

Below is generated by plot.py at 2017-09-03 08:09:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 43.817 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 93.18 Mbit/s
95th percentile per-packet one-way delay: 43.817 ms
Loss rate: 0.48%

Run 10: Report of TCP BBR — Data Link

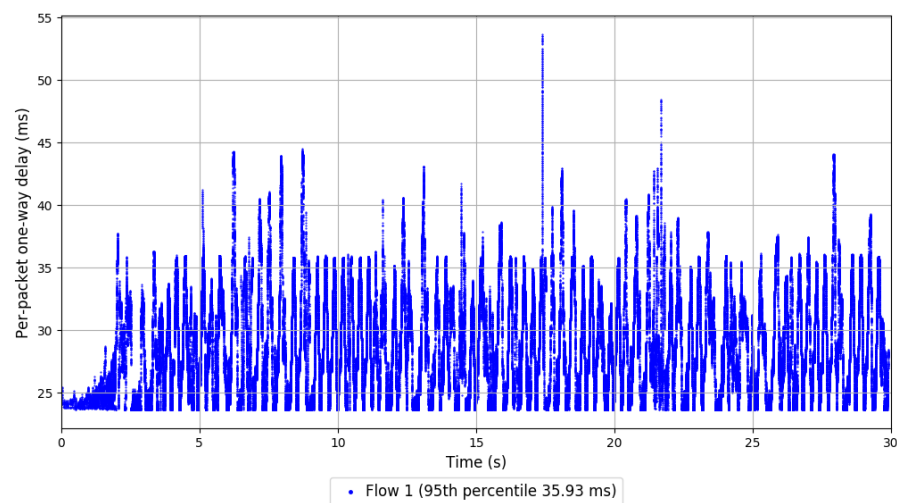
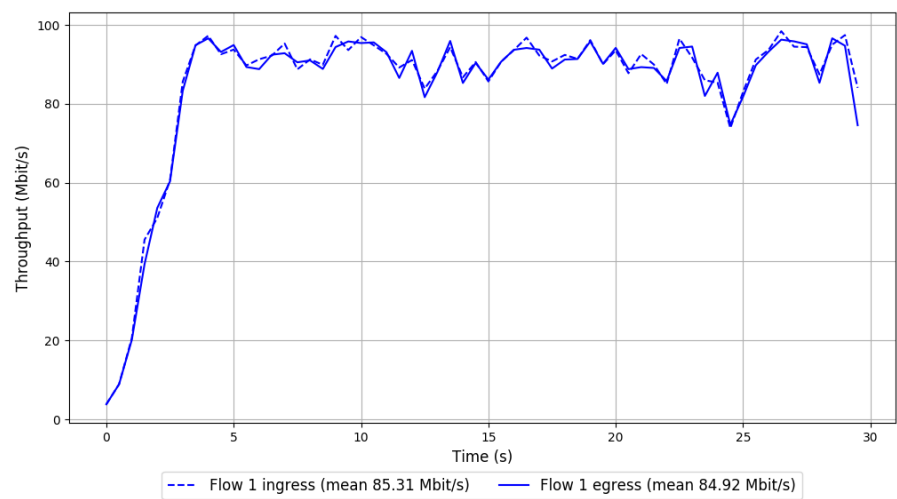


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 01:10:00
End at: 2017-09-03 01:10:30
Local clock offset: 0.93 ms
Remote clock offset: -0.756 ms

Below is generated by plot.py at 2017-09-03 08:09:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.92 Mbit/s
95th percentile per-packet one-way delay: 35.927 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 84.92 Mbit/s
95th percentile per-packet one-way delay: 35.927 ms
Loss rate: 0.70%

Run 1: Report of CalibratedKoho — Data Link

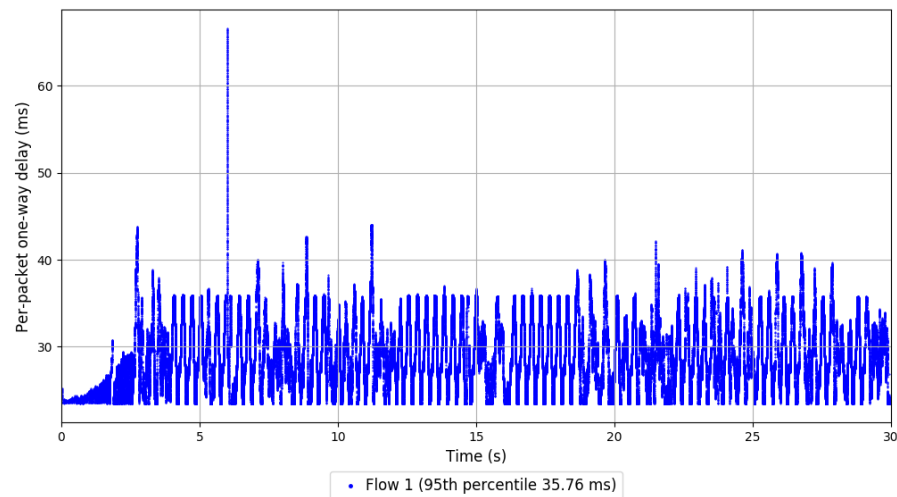
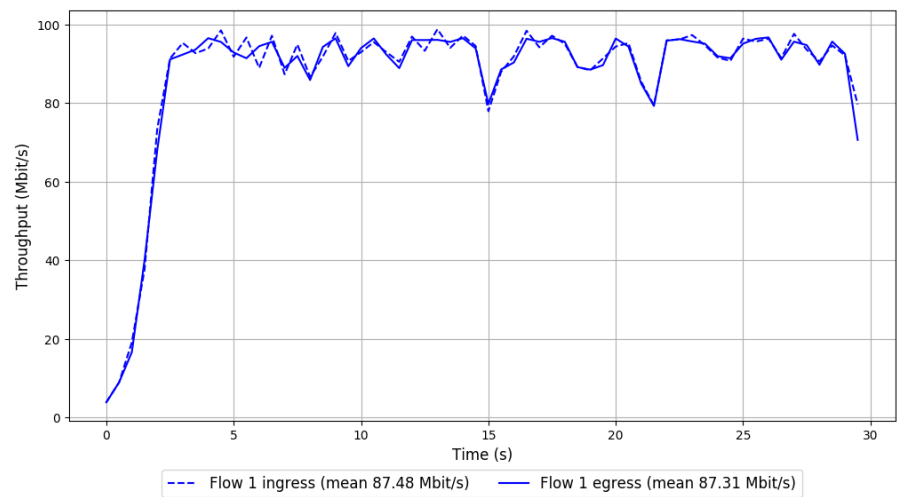


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-03 01:30:26
End at: 2017-09-03 01:30:56
Local clock offset: 0.77 ms
Remote clock offset: -0.356 ms

Below is generated by plot.py at 2017-09-03 08:09:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 35.763 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 35.763 ms
Loss rate: 0.43%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: 2017-09-03 01:51:05

End at: 2017-09-03 01:51:35

Local clock offset: 0.866 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2017-09-03 08:09:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.35 Mbit/s

95th percentile per-packet one-way delay: 35.844 ms

Loss rate: 0.51%

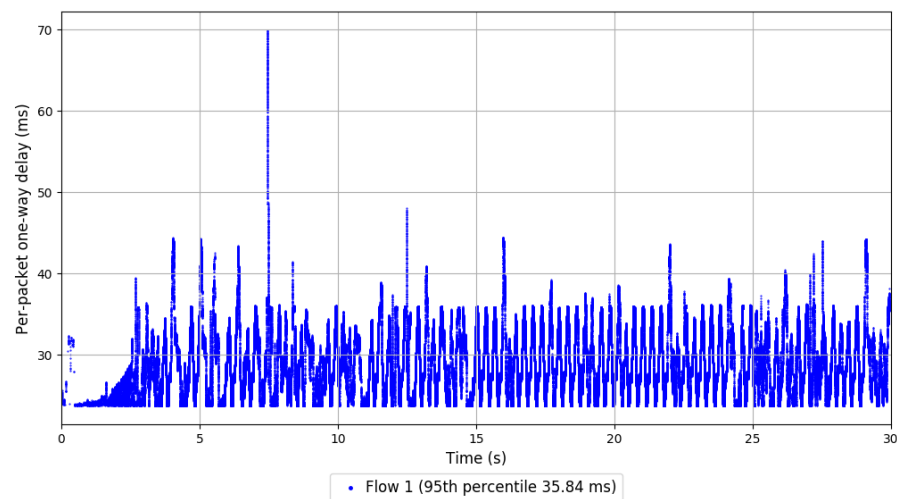
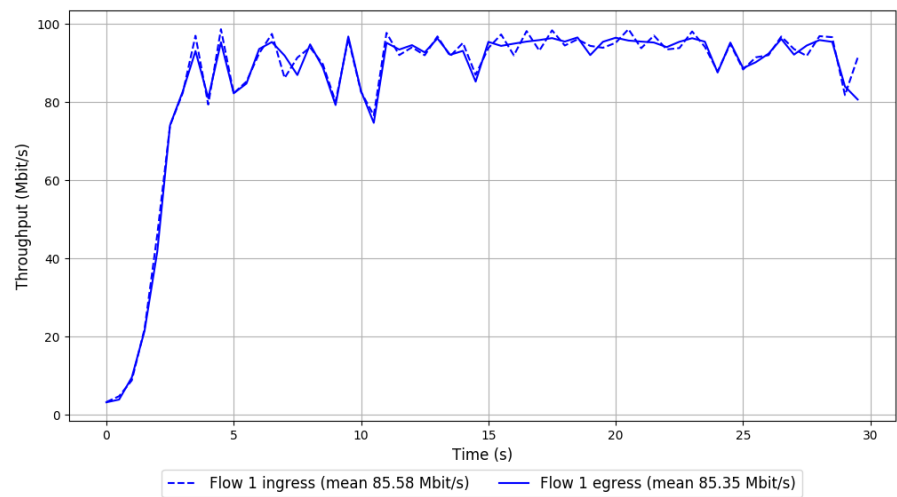
-- Flow 1:

Average throughput: 85.35 Mbit/s

95th percentile per-packet one-way delay: 35.844 ms

Loss rate: 0.51%

Run 3: Report of CalibratedKoho — Data Link

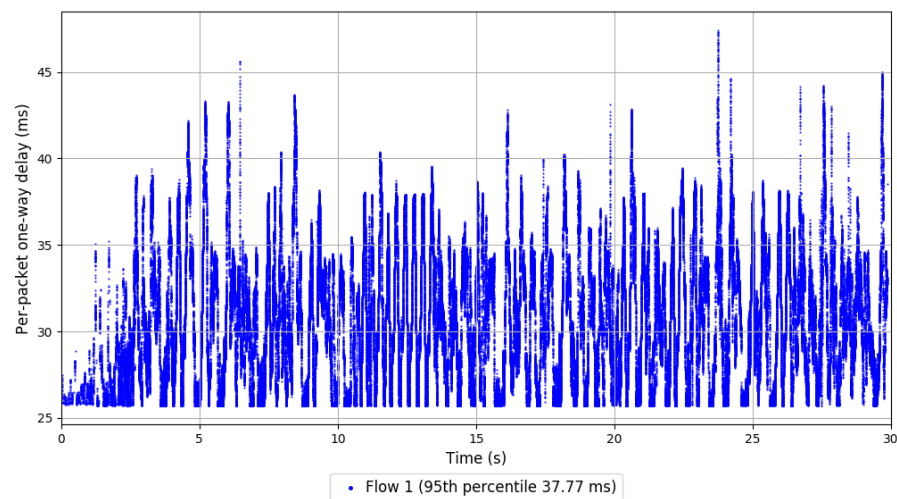
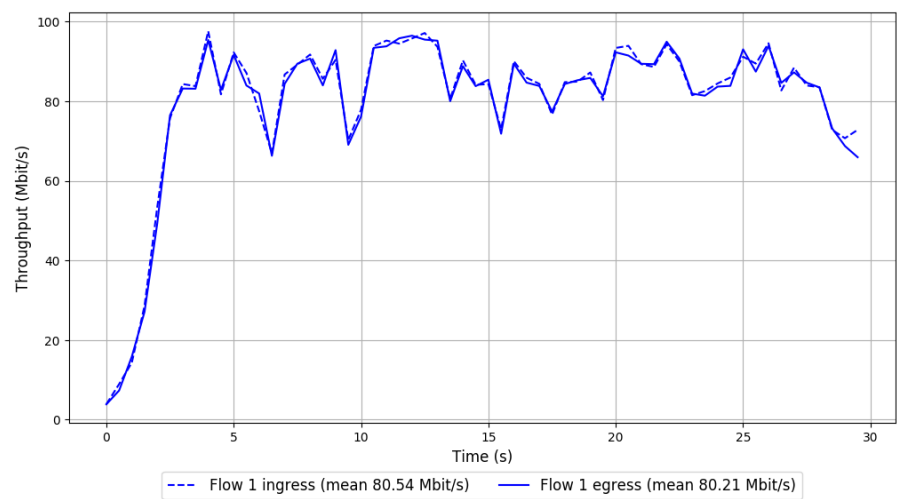


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-03 02:11:59
End at: 2017-09-03 02:12:29
Local clock offset: 0.321 ms
Remote clock offset: -1.649 ms

Below is generated by plot.py at 2017-09-03 08:09:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: 37.767 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 80.21 Mbit/s
95th percentile per-packet one-way delay: 37.767 ms
Loss rate: 0.63%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-09-03 02:32:16

End at: 2017-09-03 02:32:46

Local clock offset: -0.065 ms

Remote clock offset: 1.089 ms

Below is generated by plot.py at 2017-09-03 08:09:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 35.255 ms

Loss rate: 0.40%

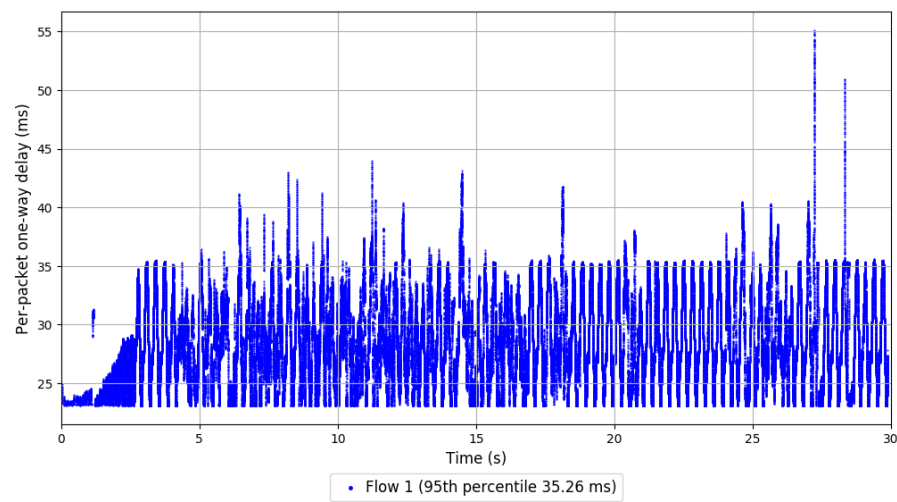
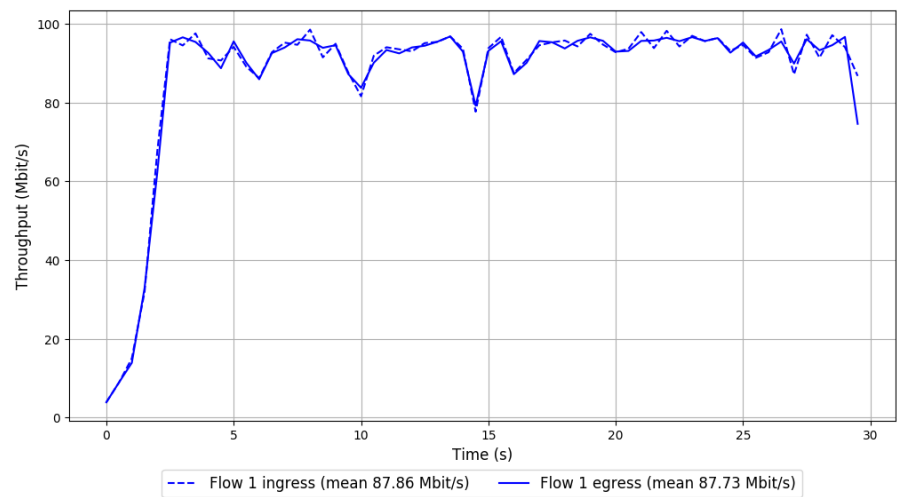
-- Flow 1:

Average throughput: 87.73 Mbit/s

95th percentile per-packet one-way delay: 35.255 ms

Loss rate: 0.40%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: 2017-09-03 02:52:28

End at: 2017-09-03 02:52:58

Local clock offset: -0.405 ms

Remote clock offset: 1.029 ms

Below is generated by plot.py at 2017-09-03 08:09:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.61 Mbit/s

95th percentile per-packet one-way delay: 35.160 ms

Loss rate: 0.33%

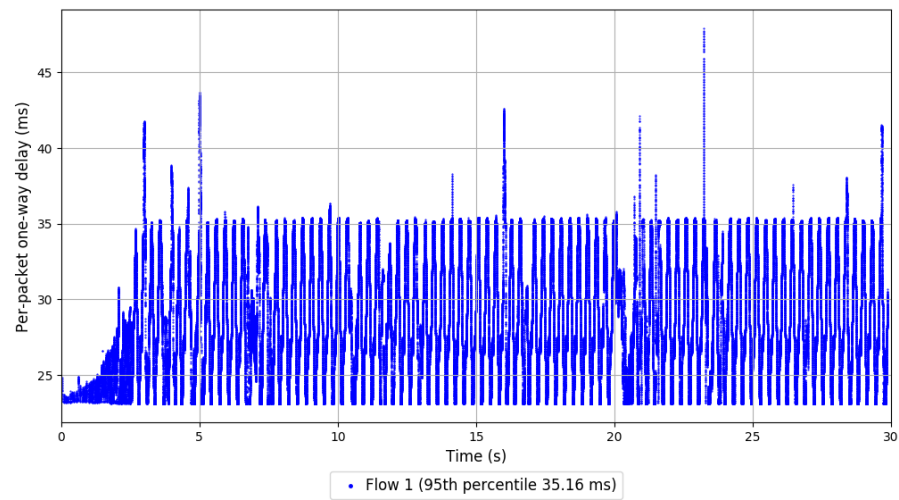
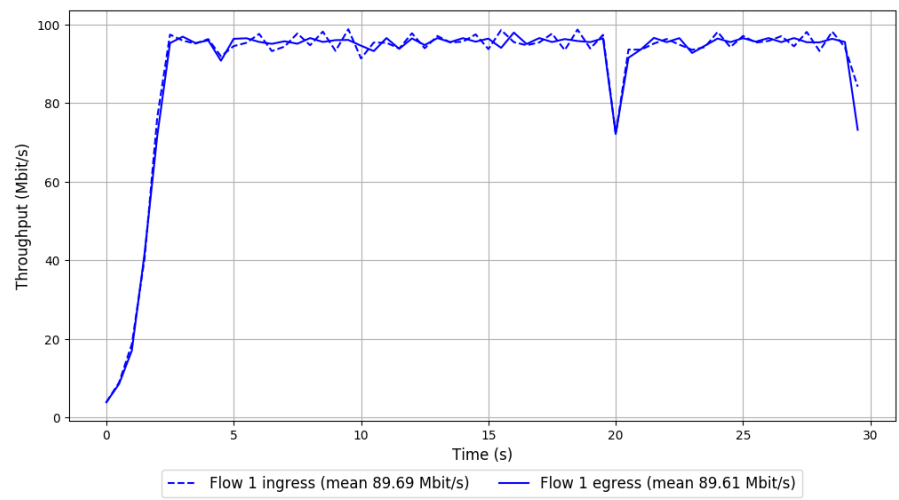
-- Flow 1:

Average throughput: 89.61 Mbit/s

95th percentile per-packet one-way delay: 35.160 ms

Loss rate: 0.33%

Run 6: Report of CalibratedKoho — Data Link

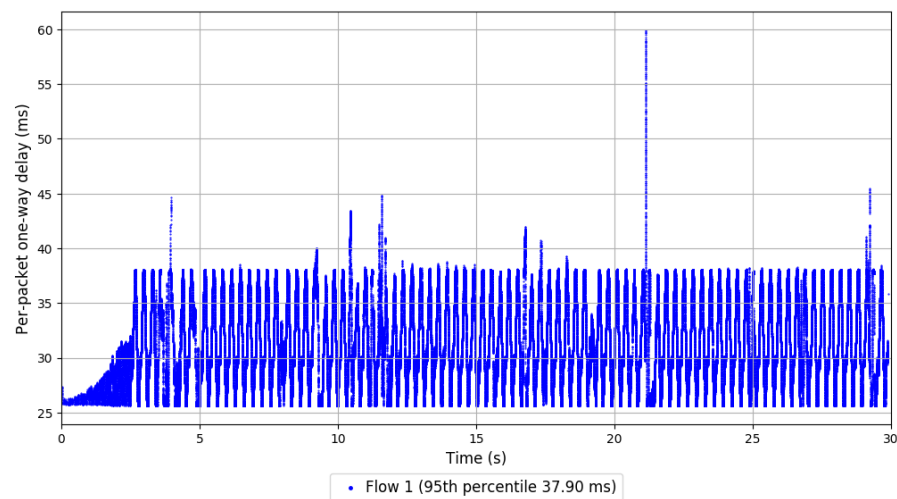
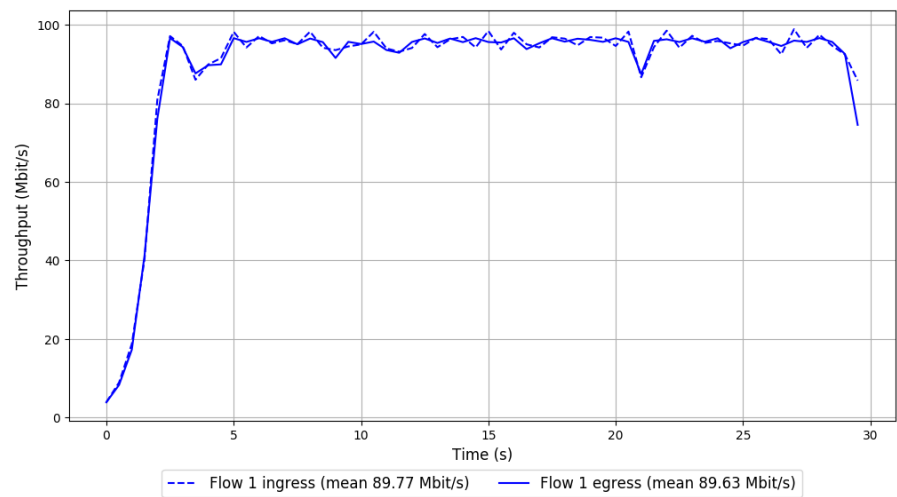


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-03 03:12:48
End at: 2017-09-03 03:13:18
Local clock offset: -0.552 ms
Remote clock offset: -1.809 ms

Below is generated by plot.py at 2017-09-03 08:10:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 37.898 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 37.898 ms
Loss rate: 0.41%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: 2017-09-03 03:33:02

End at: 2017-09-03 03:33:32

Local clock offset: -0.474 ms

Remote clock offset: 0.112 ms

Below is generated by plot.py at 2017-09-03 08:10:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.62 Mbit/s

95th percentile per-packet one-way delay: 35.682 ms

Loss rate: 0.29%

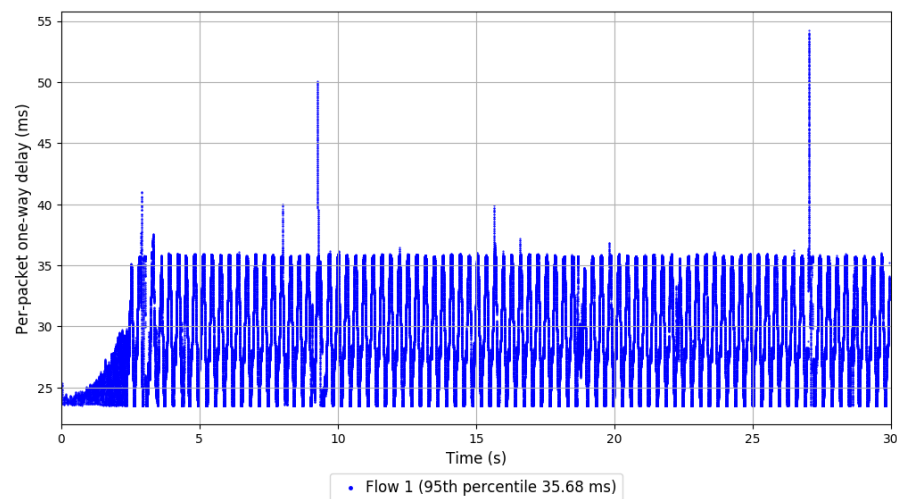
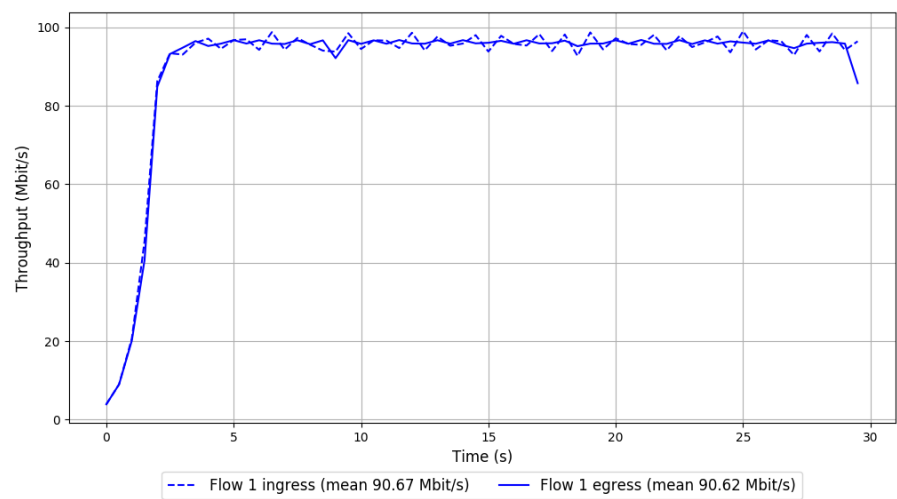
-- Flow 1:

Average throughput: 90.62 Mbit/s

95th percentile per-packet one-way delay: 35.682 ms

Loss rate: 0.29%

Run 8: Report of CalibratedKoho — Data Link

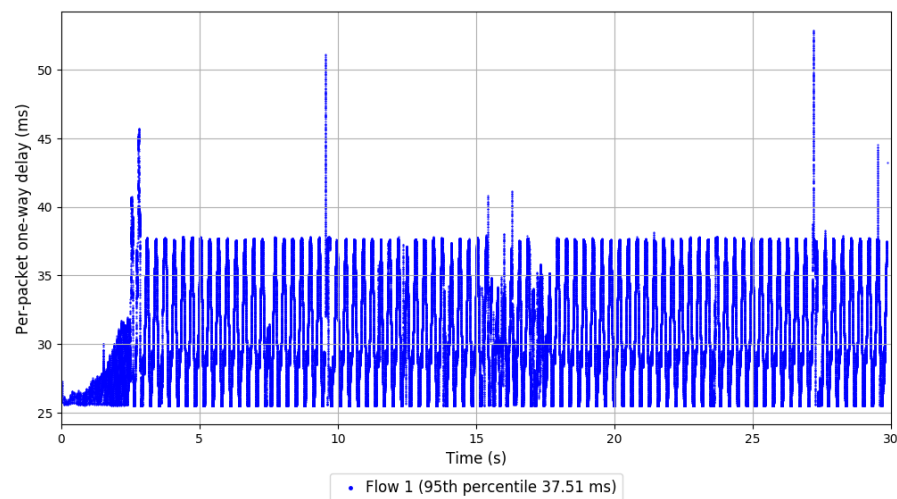
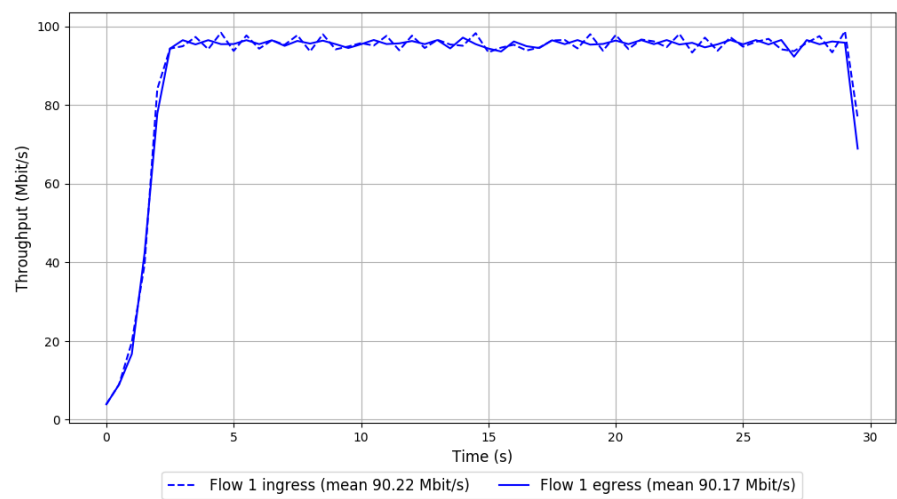


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-03 03:53:13
End at: 2017-09-03 03:53:43
Local clock offset: -0.339 ms
Remote clock offset: -1.878 ms

Below is generated by plot.py at 2017-09-03 08:10:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 37.511 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 90.17 Mbit/s
95th percentile per-packet one-way delay: 37.511 ms
Loss rate: 0.28%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: 2017-09-03 04:13:27

End at: 2017-09-03 04:13:57

Local clock offset: -0.153 ms

Remote clock offset: 0.038 ms

Below is generated by plot.py at 2017-09-03 08:10:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 35.808 ms

Loss rate: 0.47%

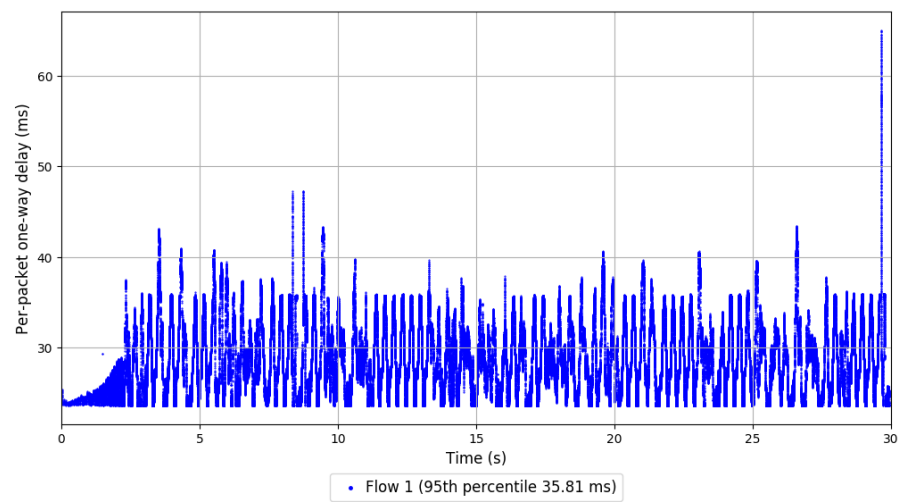
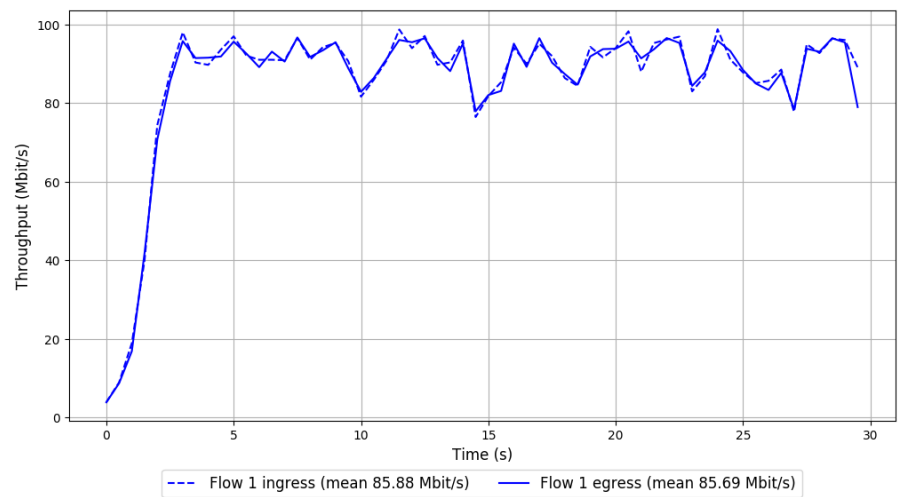
-- Flow 1:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 35.808 ms

Loss rate: 0.47%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-03 01:11:24

End at: 2017-09-03 01:11:54

Local clock offset: 0.941 ms

Remote clock offset: -0.748 ms

Below is generated by plot.py at 2017-09-03 08:10:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.01 Mbit/s

95th percentile per-packet one-way delay: 31.785 ms

Loss rate: 0.58%

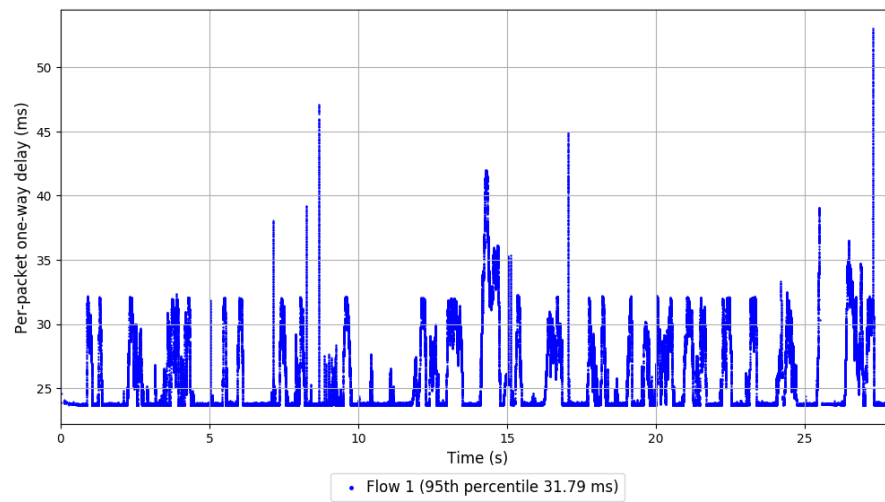
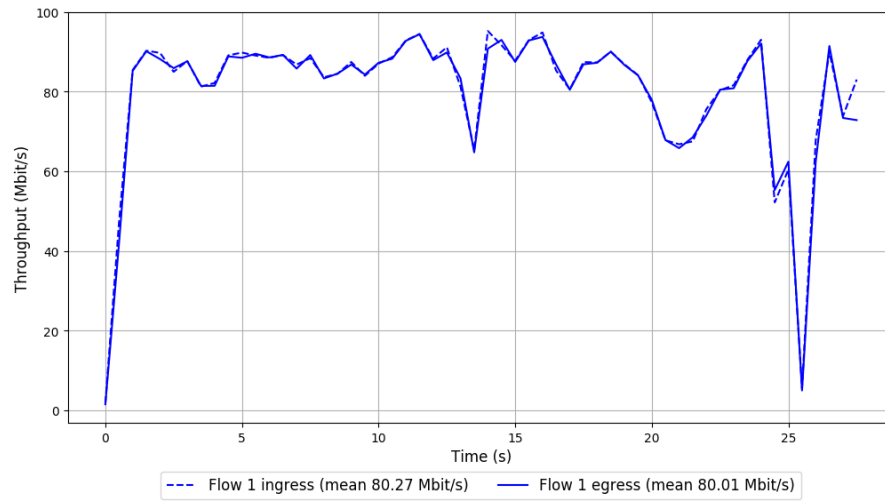
-- Flow 1:

Average throughput: 80.01 Mbit/s

95th percentile per-packet one-way delay: 31.785 ms

Loss rate: 0.58%

Run 1: Report of Copa — Data Link

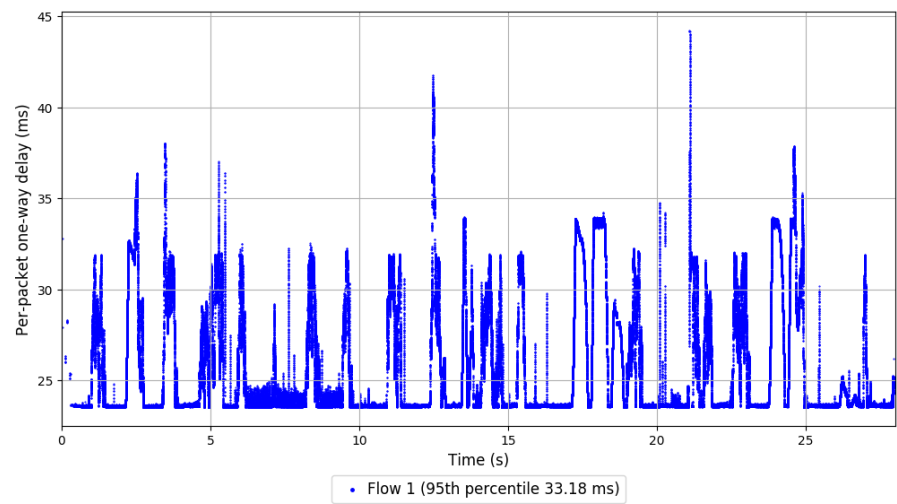
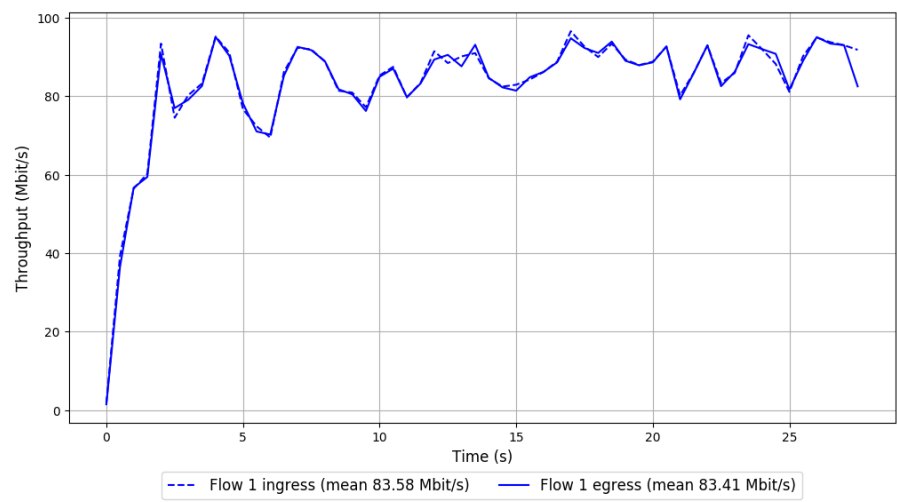


Run 2: Statistics of Copa

Start at: 2017-09-03 01:31:52
End at: 2017-09-03 01:32:22
Local clock offset: 0.755 ms
Remote clock offset: -0.371 ms

Below is generated by plot.py at 2017-09-03 08:10:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 33.181 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 83.41 Mbit/s
95th percentile per-packet one-way delay: 33.181 ms
Loss rate: 0.48%

Run 2: Report of Copa — Data Link

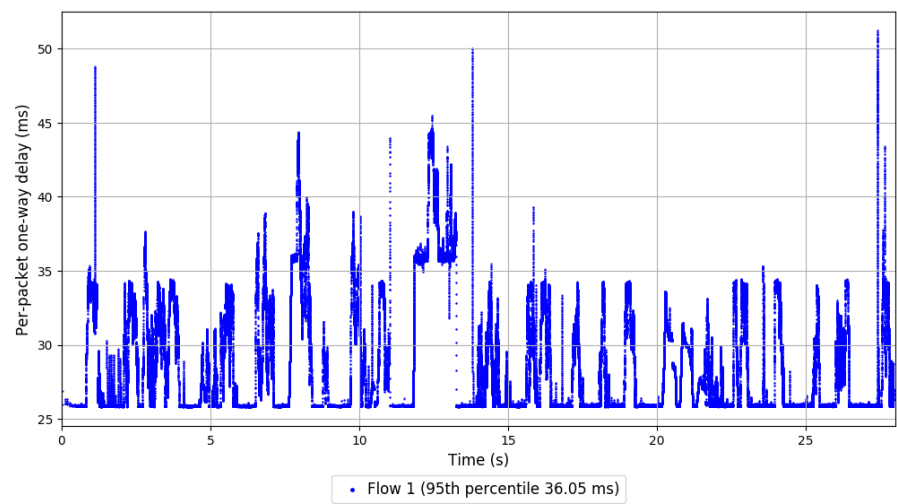
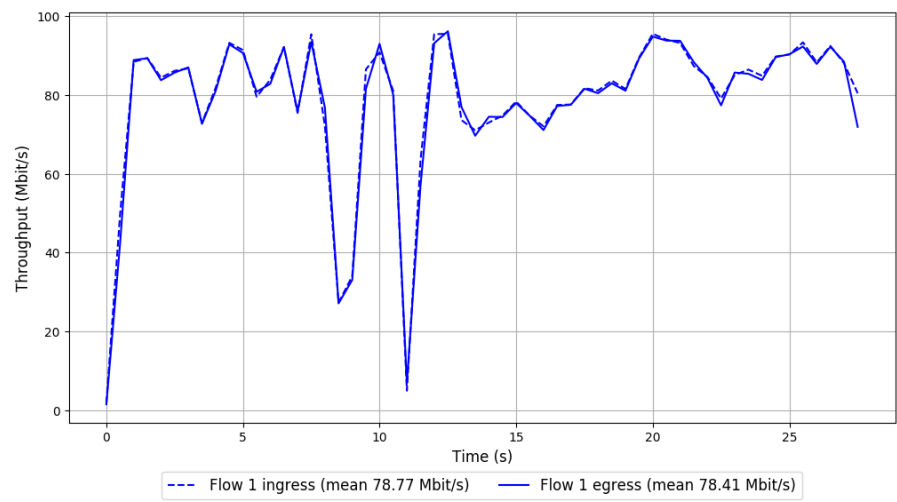


Run 3: Statistics of Copa

Start at: 2017-09-03 01:52:30
End at: 2017-09-03 01:53:00
Local clock offset: 0.863 ms
Remote clock offset: -2.098 ms

Below is generated by plot.py at 2017-09-03 08:10:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.41 Mbit/s
95th percentile per-packet one-way delay: 36.054 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 78.41 Mbit/s
95th percentile per-packet one-way delay: 36.054 ms
Loss rate: 0.72%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

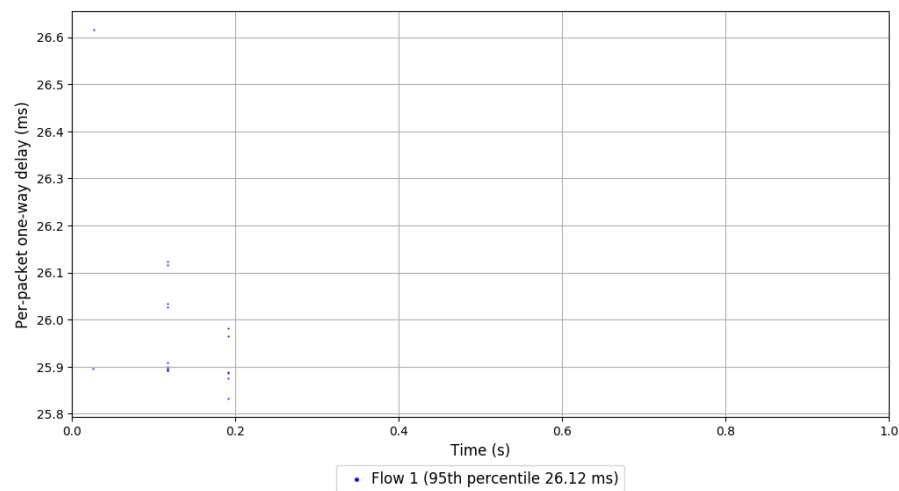
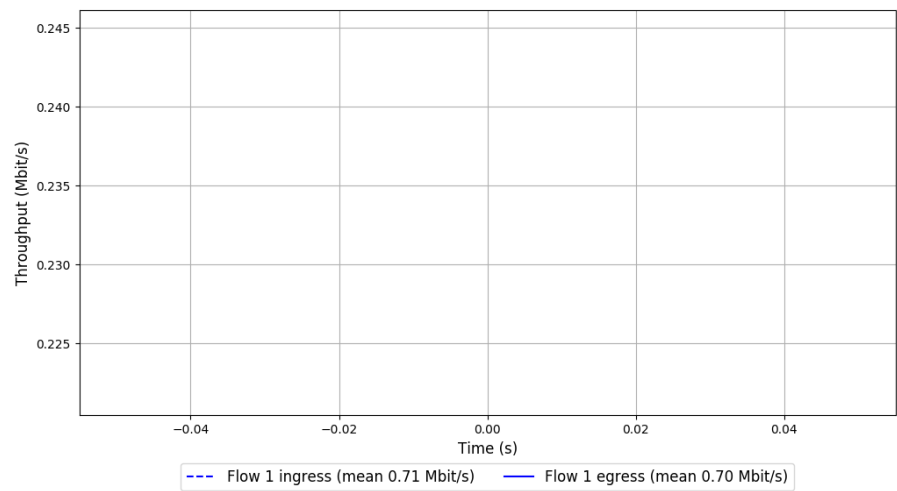
Start at: 2017-09-03 02:13:26

End at: 2017-09-03 02:13:56

Local clock offset: 0.364 ms

Remote clock offset: -1.575 ms

Run 4: Report of Copa — Data Link

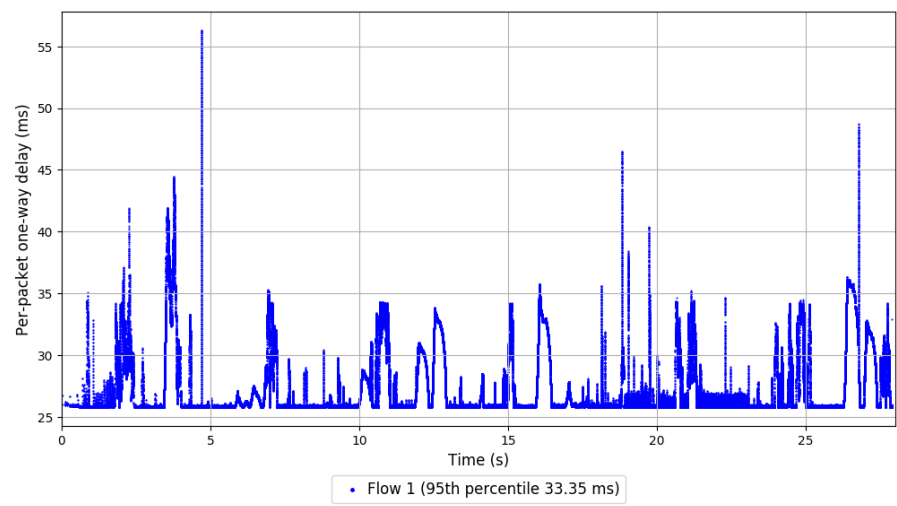
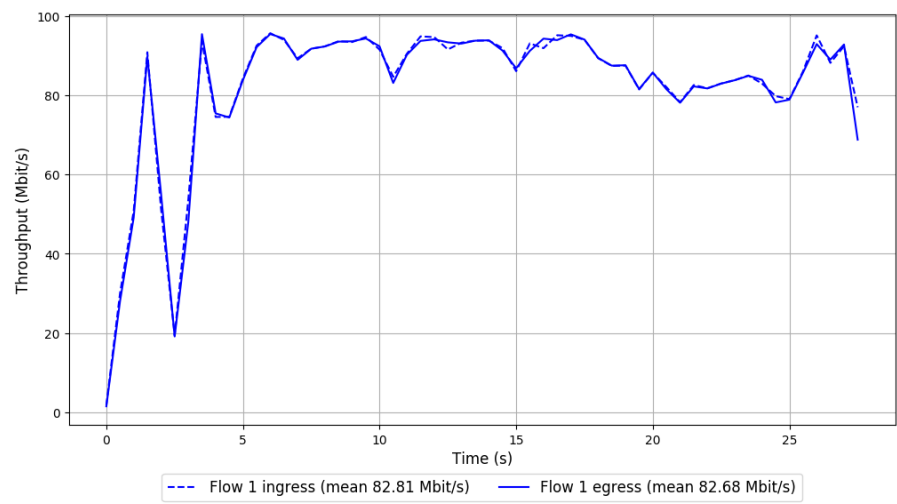


Run 5: Statistics of Copa

Start at: 2017-09-03 02:33:39
End at: 2017-09-03 02:34:09
Local clock offset: 0.019 ms
Remote clock offset: -1.504 ms

Below is generated by plot.py at 2017-09-03 08:10:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.68 Mbit/s
95th percentile per-packet one-way delay: 33.355 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 82.68 Mbit/s
95th percentile per-packet one-way delay: 33.355 ms
Loss rate: 0.40%

Run 5: Report of Copa — Data Link

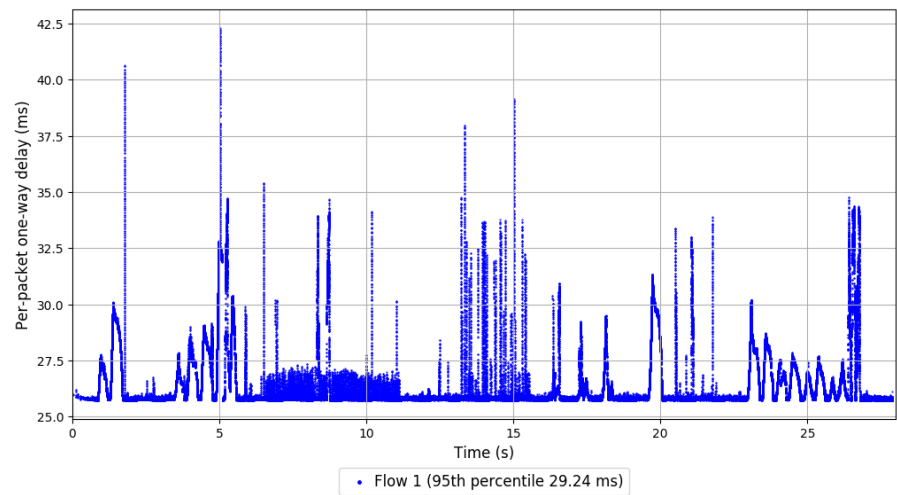
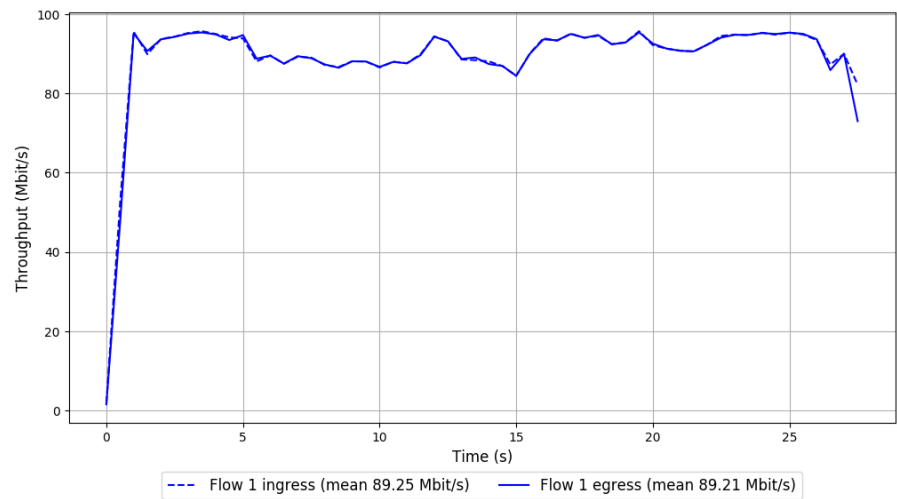


Run 6: Statistics of Copa

Start at: 2017-09-03 02:53:51
End at: 2017-09-03 02:54:22
Local clock offset: -0.426 ms
Remote clock offset: -1.616 ms

Below is generated by plot.py at 2017-09-03 08:11:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: 29.240 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: 29.240 ms
Loss rate: 0.31%

Run 6: Report of Copa — Data Link

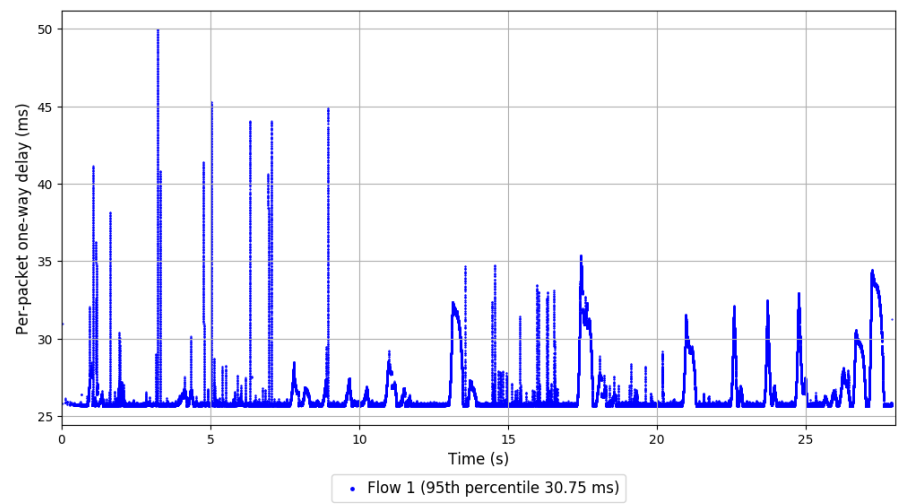
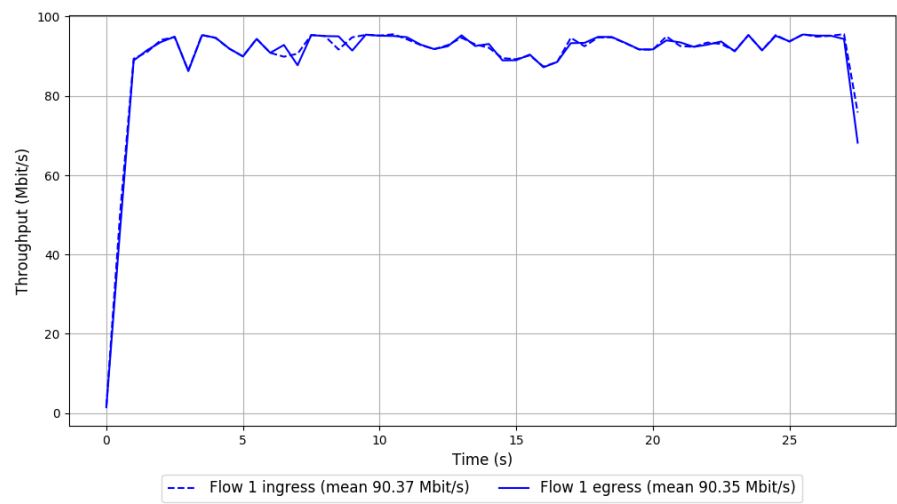


Run 7: Statistics of Copa

Start at: 2017-09-03 03:14:12
End at: 2017-09-03 03:14:42
Local clock offset: -0.51 ms
Remote clock offset: -1.778 ms

Below is generated by plot.py at 2017-09-03 08:11:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 30.747 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 30.747 ms
Loss rate: 0.27%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-09-03 03:34:26

End at: 2017-09-03 03:34:56

Local clock offset: -0.457 ms

Remote clock offset: 0.741 ms

Below is generated by plot.py at 2017-09-03 08:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 31.046 ms

Loss rate: 0.26%

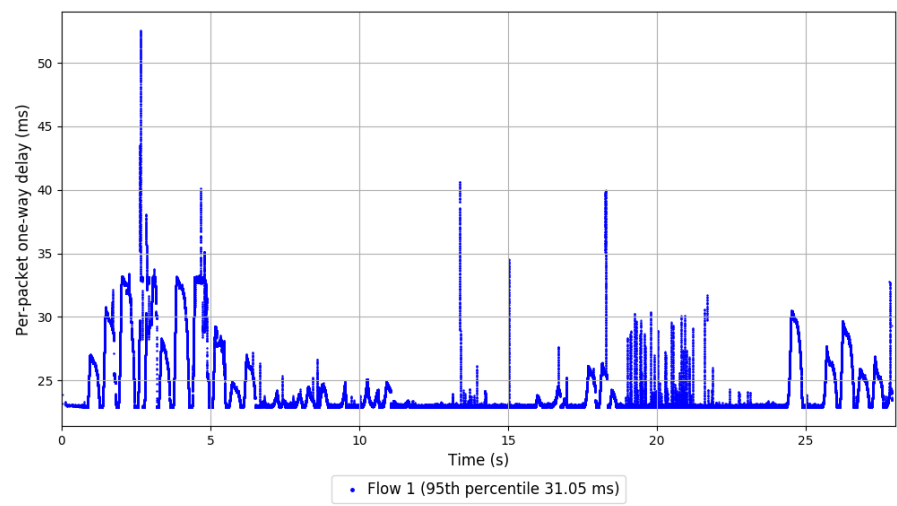
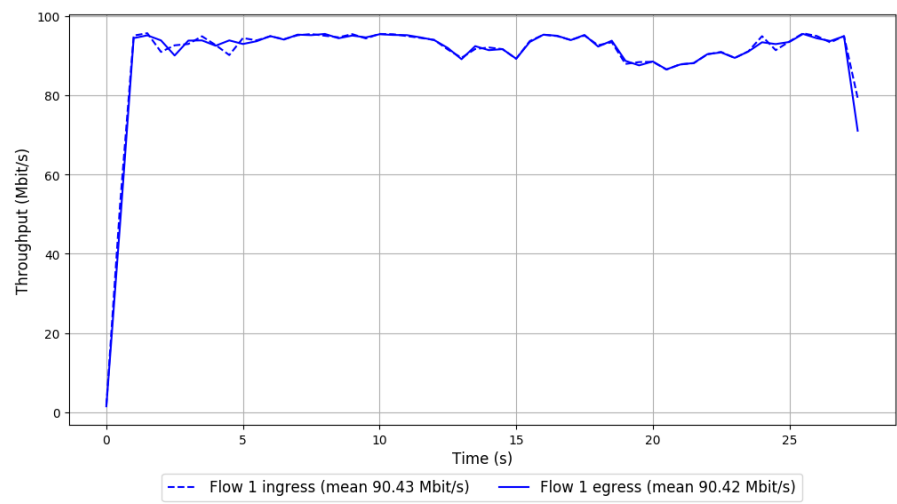
-- Flow 1:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 31.046 ms

Loss rate: 0.26%

Run 8: Report of Copa — Data Link

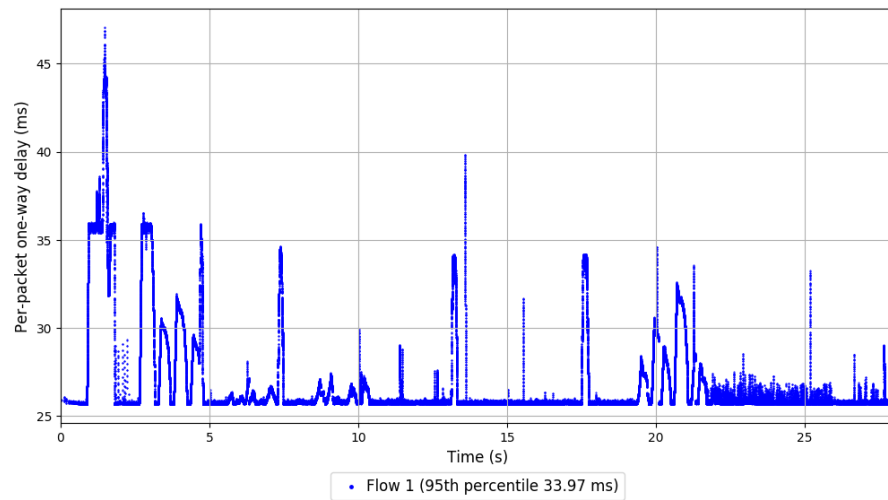
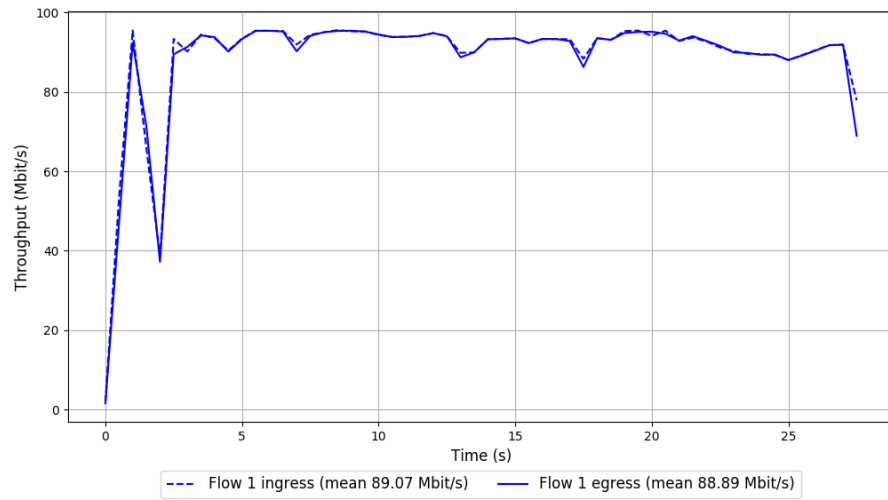


Run 9: Statistics of Copa

Start at: 2017-09-03 03:54:36
End at: 2017-09-03 03:55:06
Local clock offset: -0.332 ms
Remote clock offset: -2.008 ms

Below is generated by plot.py at 2017-09-03 08:11:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 33.971 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 33.971 ms
Loss rate: 0.47%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-09-03 04:14:50

End at: 2017-09-03 04:15:20

Local clock offset: -0.118 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2017-09-03 08:11:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.44 Mbit/s

95th percentile per-packet one-way delay: 31.625 ms

Loss rate: 0.47%

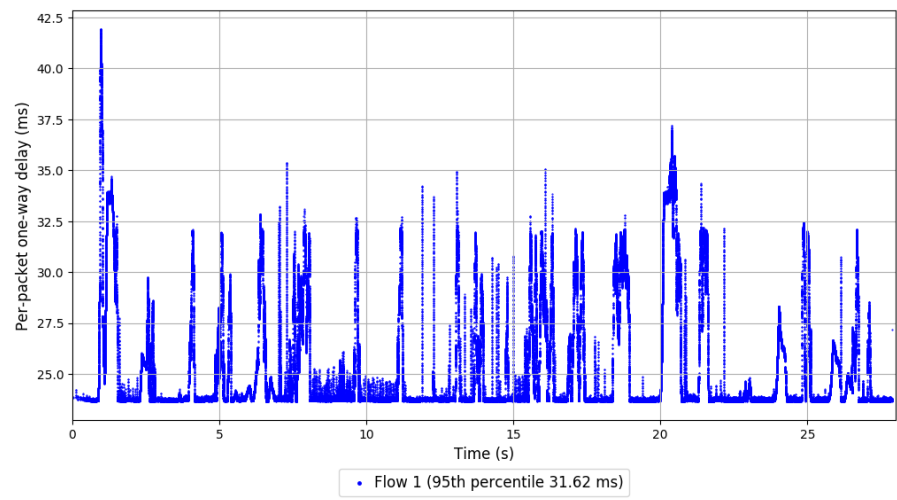
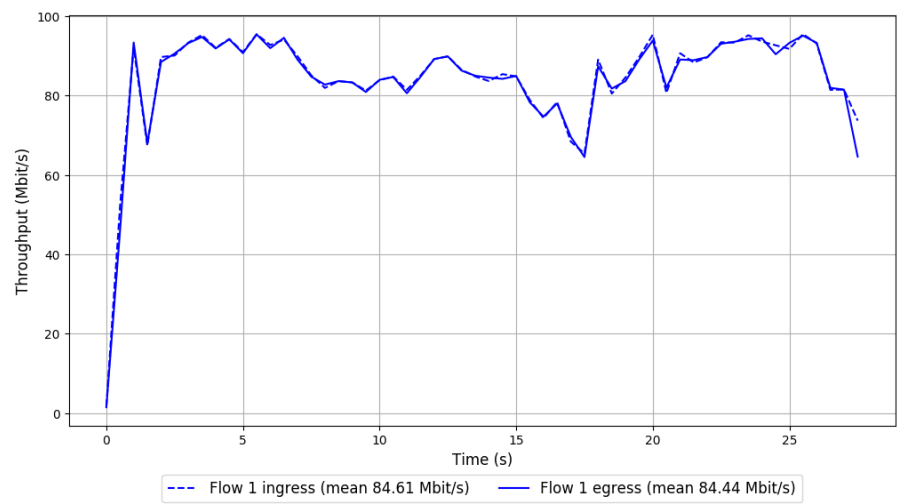
-- Flow 1:

Average throughput: 84.44 Mbit/s

95th percentile per-packet one-way delay: 31.625 ms

Loss rate: 0.47%

Run 10: Report of Copa — Data Link

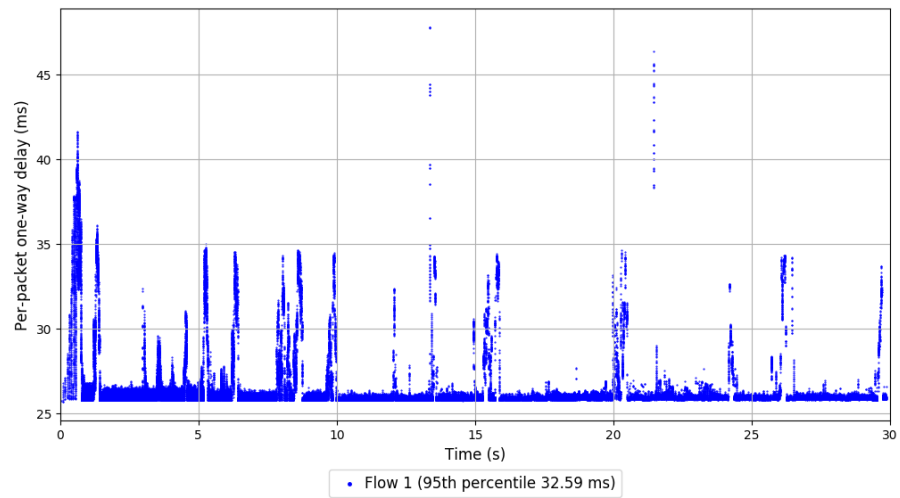
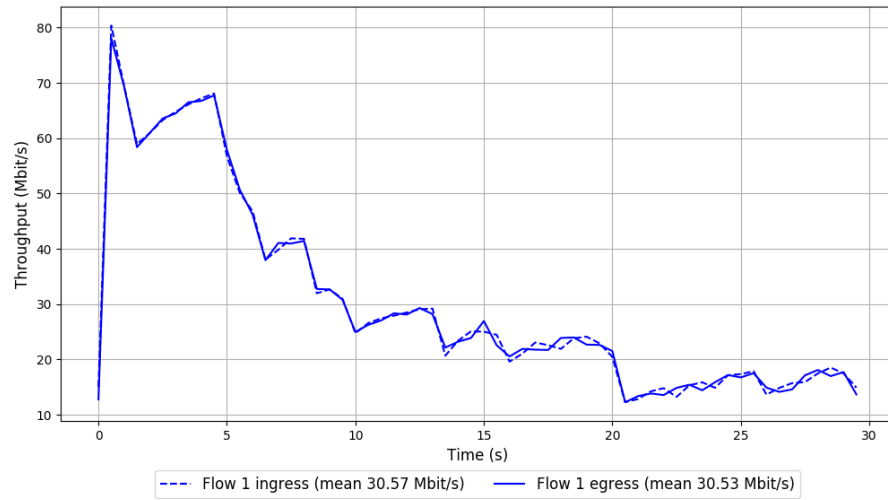


Run 1: Statistics of TCP Cubic

Start at: 2017-09-03 01:00:39
End at: 2017-09-03 01:01:09
Local clock offset: 1.016 ms
Remote clock offset: -2.914 ms

Below is generated by plot.py at 2017-09-03 08:11:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 32.593 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 32.593 ms
Loss rate: 0.34%

Run 1: Report of TCP Cubic — Data Link

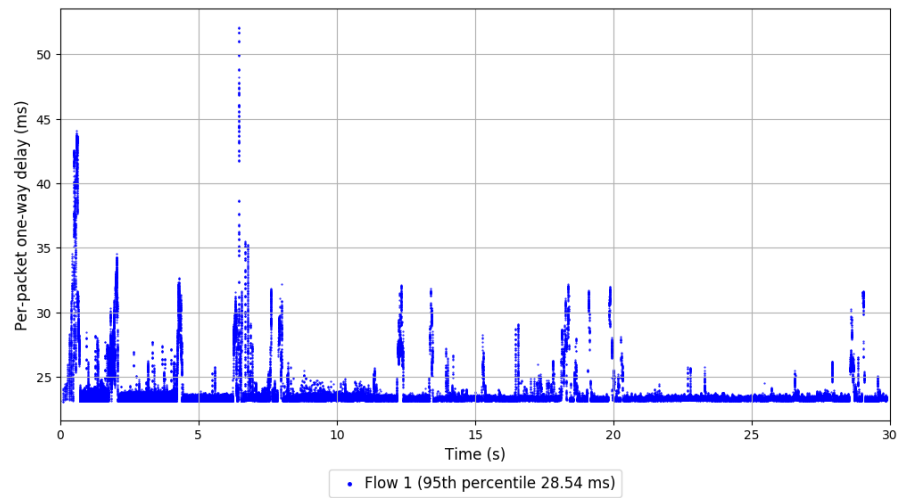
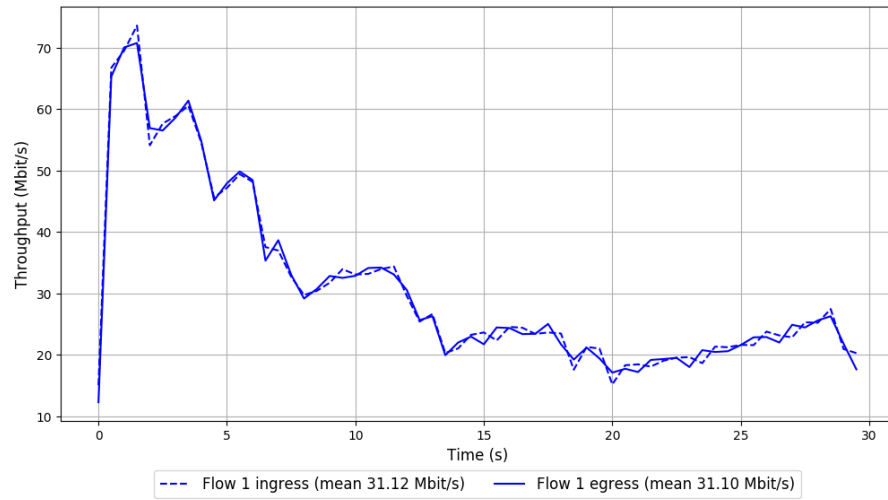


Run 2: Statistics of TCP Cubic

Start at: 2017-09-03 01:20:52
End at: 2017-09-03 01:21:23
Local clock offset: 0.791 ms
Remote clock offset: -0.169 ms

Below is generated by plot.py at 2017-09-03 08:11:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 28.536 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 28.536 ms
Loss rate: 0.33%

Run 2: Report of TCP Cubic — Data Link

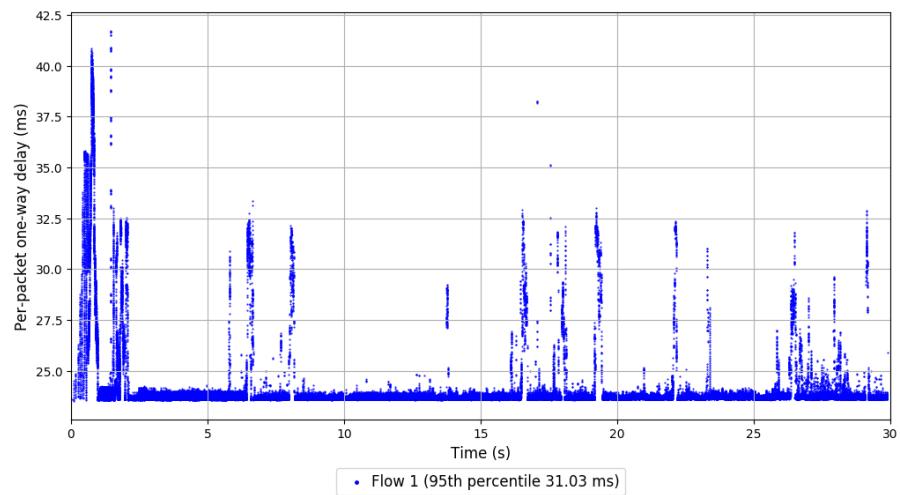
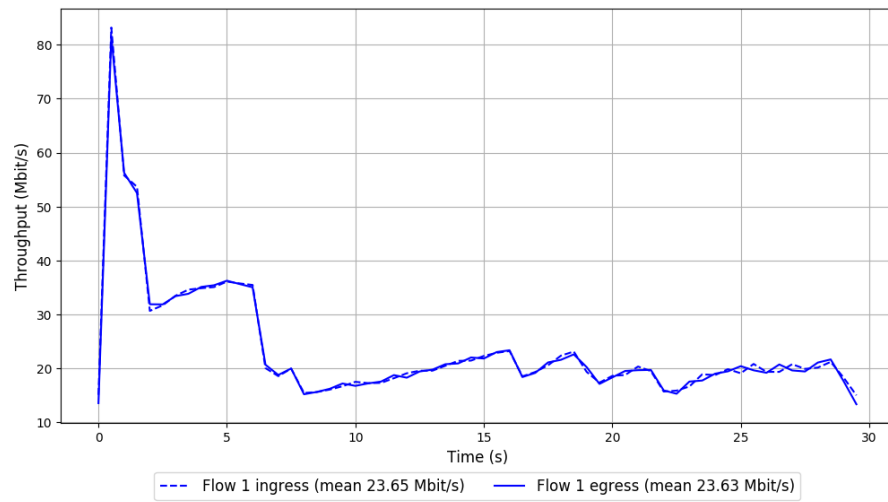


Run 3: Statistics of TCP Cubic

Start at: 2017-09-03 01:41:34
End at: 2017-09-03 01:42:04
Local clock offset: 0.884 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2017-09-03 08:11:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 31.029 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 31.029 ms
Loss rate: 0.33%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-09-03 02:02:07

End at: 2017-09-03 02:02:37

Local clock offset: 0.719 ms

Remote clock offset: 0.214 ms

Below is generated by plot.py at 2017-09-03 08:11:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.39 Mbit/s

95th percentile per-packet one-way delay: 32.064 ms

Loss rate: 0.56%

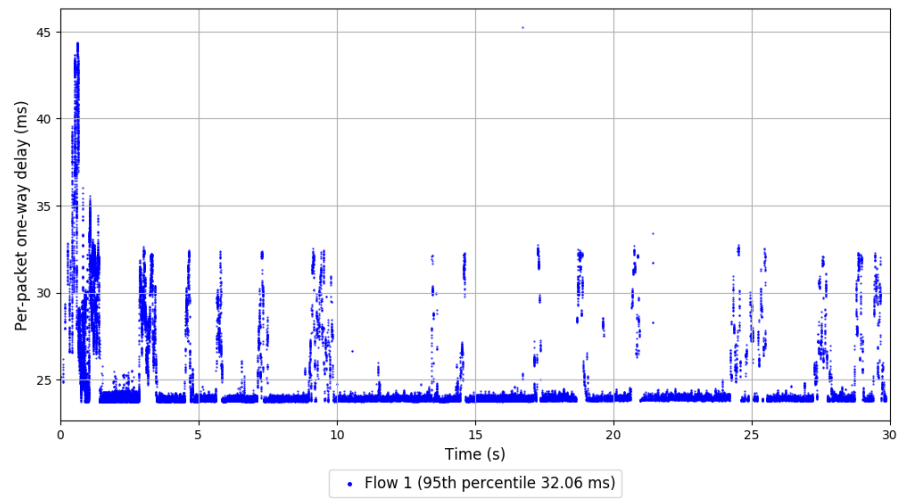
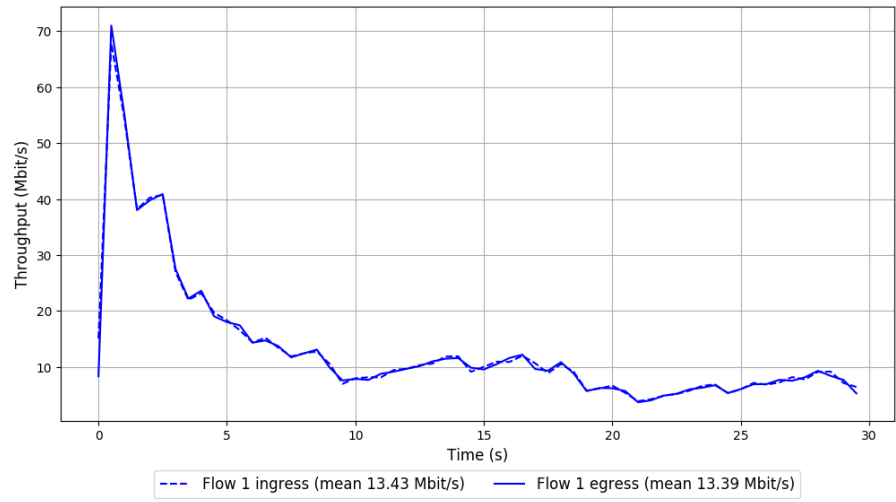
-- Flow 1:

Average throughput: 13.39 Mbit/s

95th percentile per-packet one-way delay: 32.064 ms

Loss rate: 0.56%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-09-03 02:22:44

End at: 2017-09-03 02:23:14

Local clock offset: 0.177 ms

Remote clock offset: -1.529 ms

Below is generated by plot.py at 2017-09-03 08:11:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.09 Mbit/s

95th percentile per-packet one-way delay: 33.298 ms

Loss rate: 0.67%

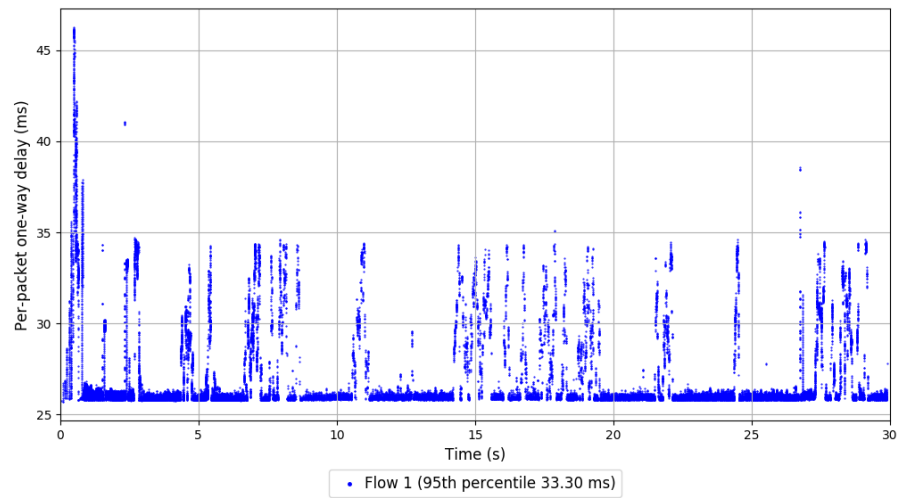
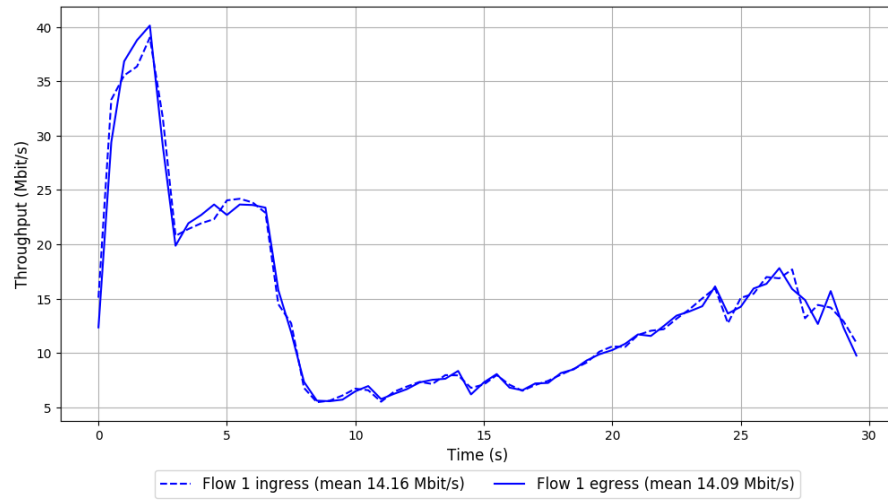
-- Flow 1:

Average throughput: 14.09 Mbit/s

95th percentile per-packet one-way delay: 33.298 ms

Loss rate: 0.67%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-09-03 02:43:02

End at: 2017-09-03 02:43:32

Local clock offset: -0.199 ms

Remote clock offset: 0.684 ms

Below is generated by plot.py at 2017-09-03 08:11:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.65 Mbit/s

95th percentile per-packet one-way delay: 27.370 ms

Loss rate: 0.30%

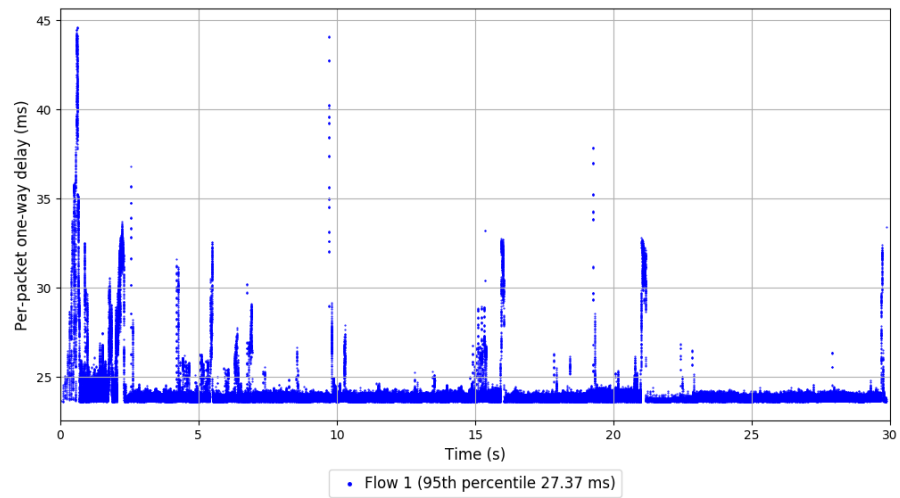
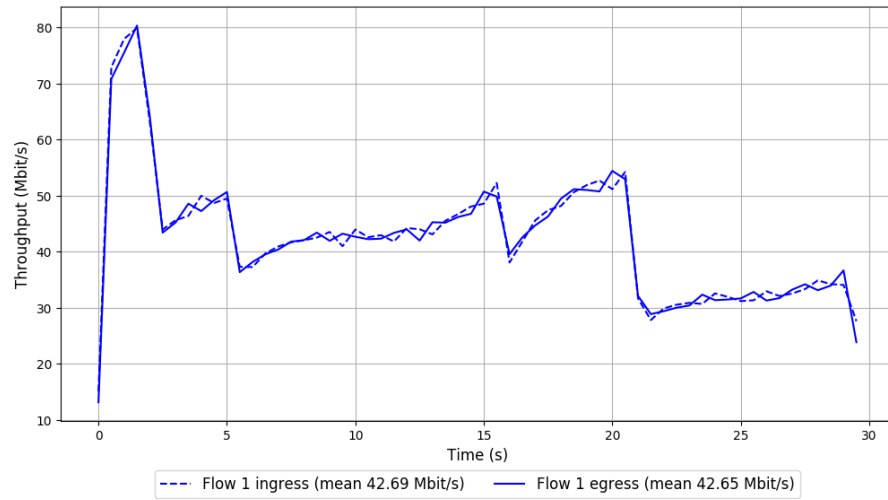
-- Flow 1:

Average throughput: 42.65 Mbit/s

95th percentile per-packet one-way delay: 27.370 ms

Loss rate: 0.30%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-09-03 03:03:11

End at: 2017-09-03 03:03:41

Local clock offset: -0.472 ms

Remote clock offset: 0.374 ms

Below is generated by plot.py at 2017-09-03 08:12:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.66 Mbit/s

95th percentile per-packet one-way delay: 35.811 ms

Loss rate: 0.32%

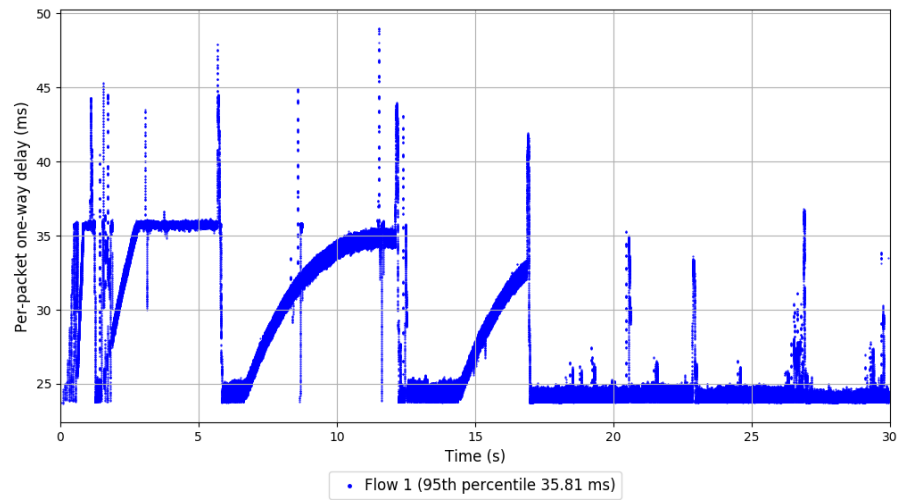
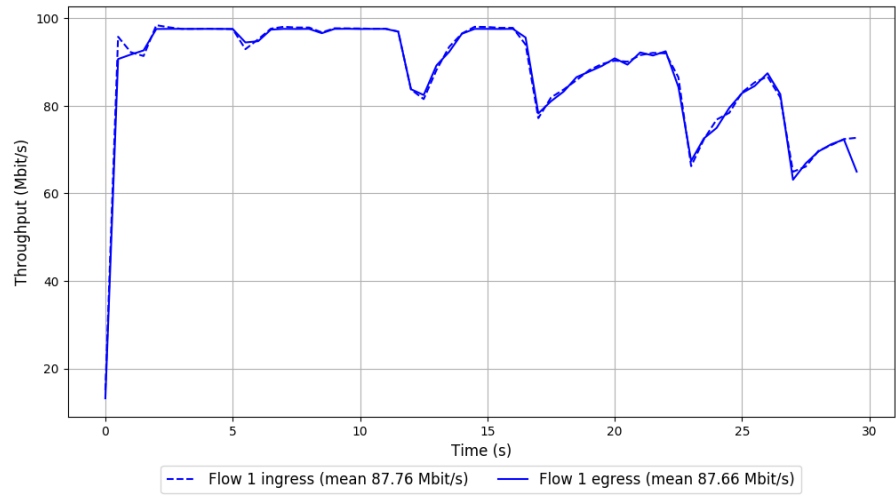
-- Flow 1:

Average throughput: 87.66 Mbit/s

95th percentile per-packet one-way delay: 35.811 ms

Loss rate: 0.32%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-09-03 03:23:33

End at: 2017-09-03 03:24:03

Local clock offset: -0.49 ms

Remote clock offset: -1.861 ms

Below is generated by plot.py at 2017-09-03 08:12:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 37.886 ms

Loss rate: 0.32%

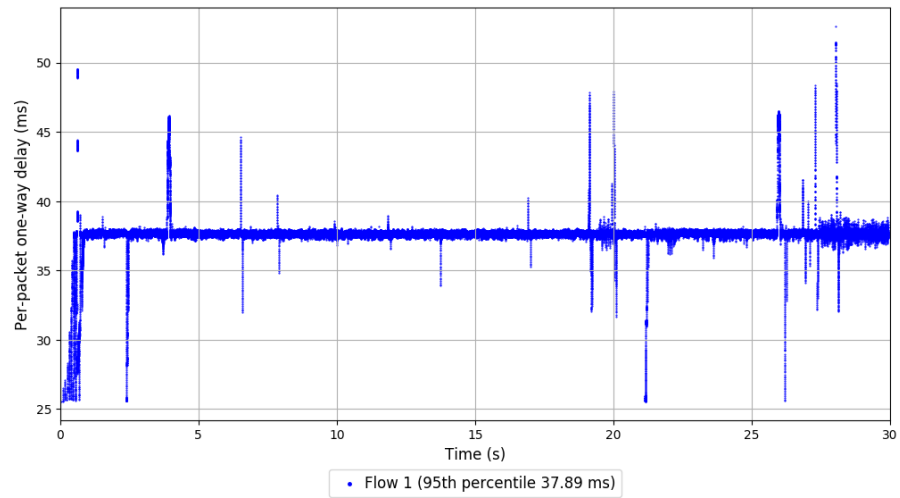
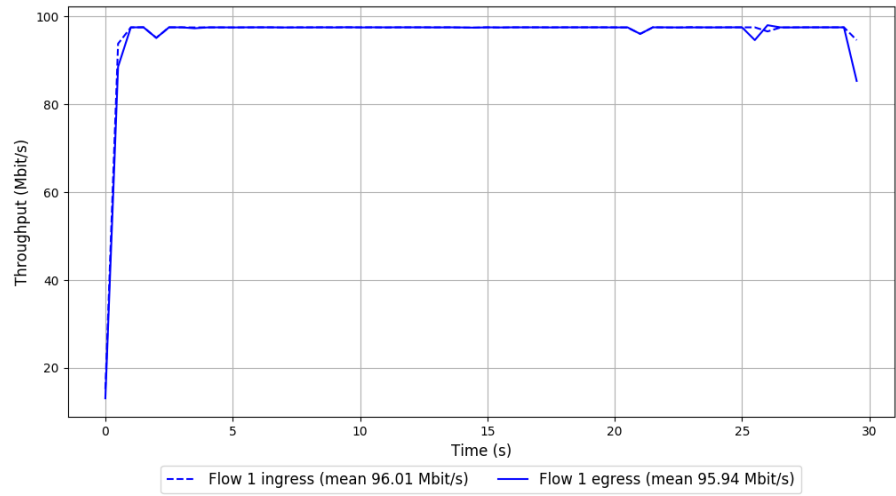
-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 37.886 ms

Loss rate: 0.32%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-09-03 03:43:43

End at: 2017-09-03 03:44:13

Local clock offset: -0.44 ms

Remote clock offset: 0.288 ms

Below is generated by plot.py at 2017-09-03 08:12:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 35.690 ms

Loss rate: 0.29%

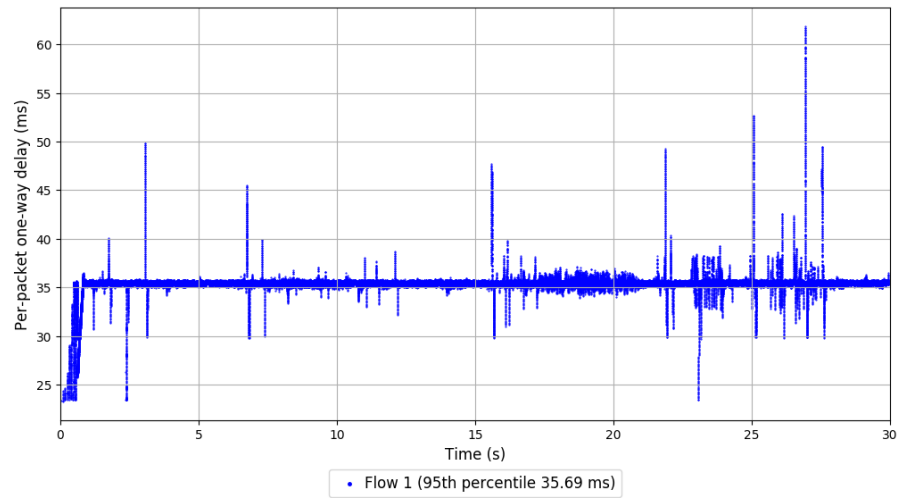
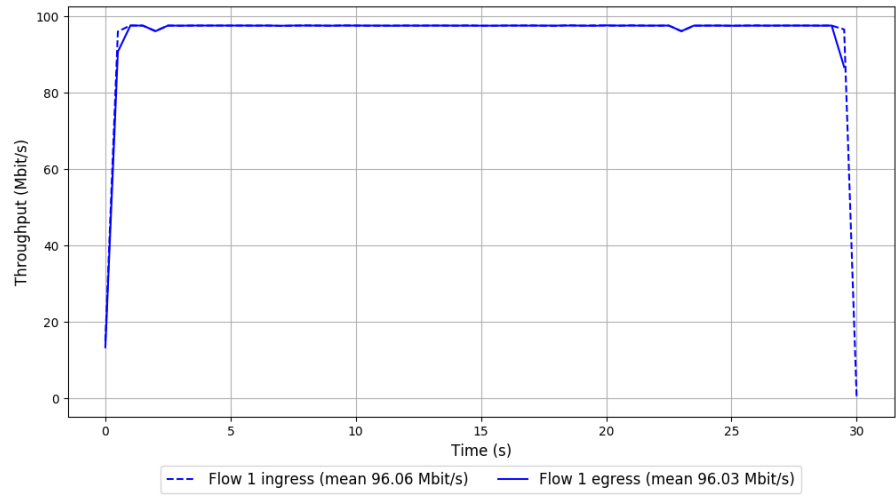
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 35.690 ms

Loss rate: 0.29%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-03 04:03:58

End at: 2017-09-03 04:04:28

Local clock offset: -0.238 ms

Remote clock offset: -2.029 ms

Below is generated by plot.py at 2017-09-03 08:12:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.58 Mbit/s

95th percentile per-packet one-way delay: 32.415 ms

Loss rate: 0.46%

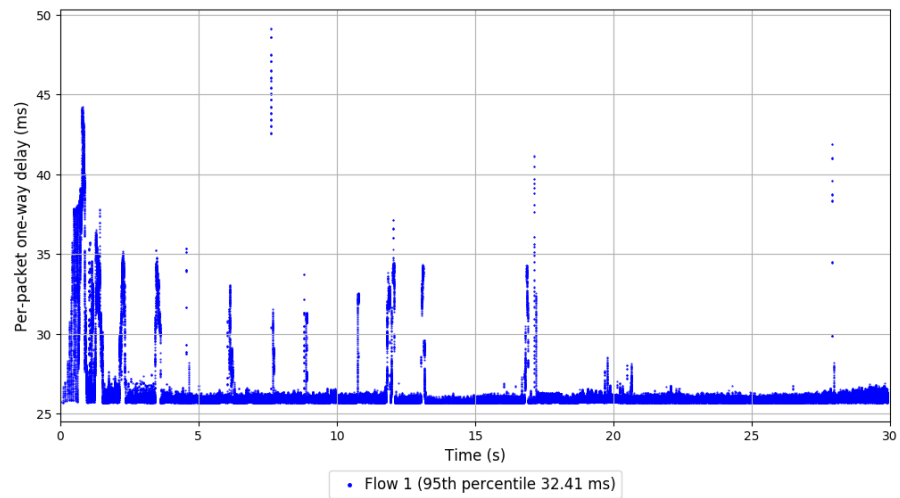
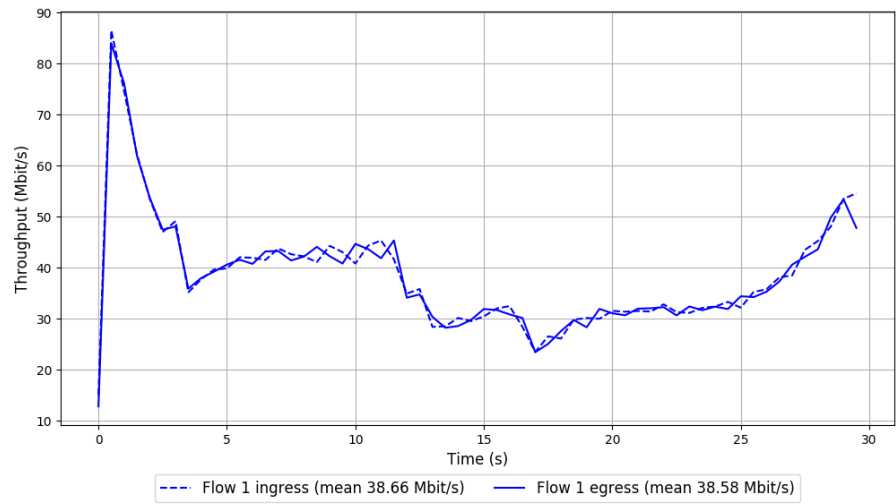
-- Flow 1:

Average throughput: 38.58 Mbit/s

95th percentile per-packet one-way delay: 32.415 ms

Loss rate: 0.46%

Run 10: Report of TCP Cubic — Data Link

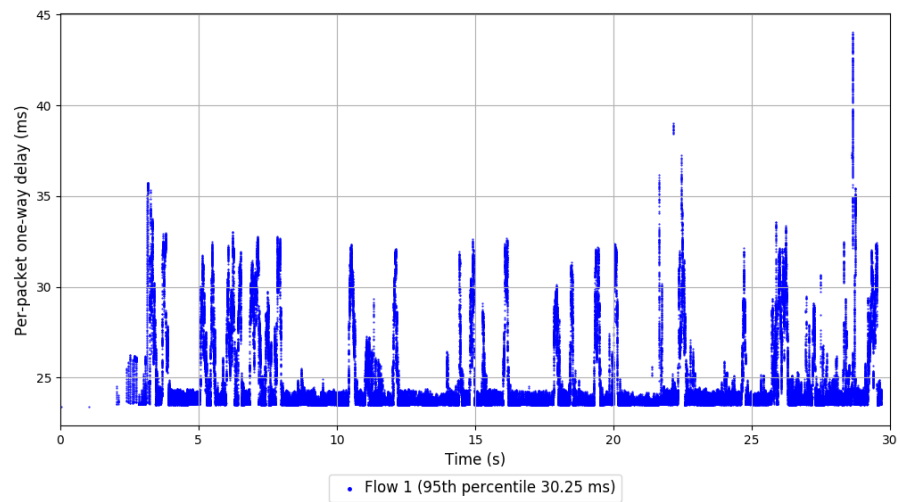
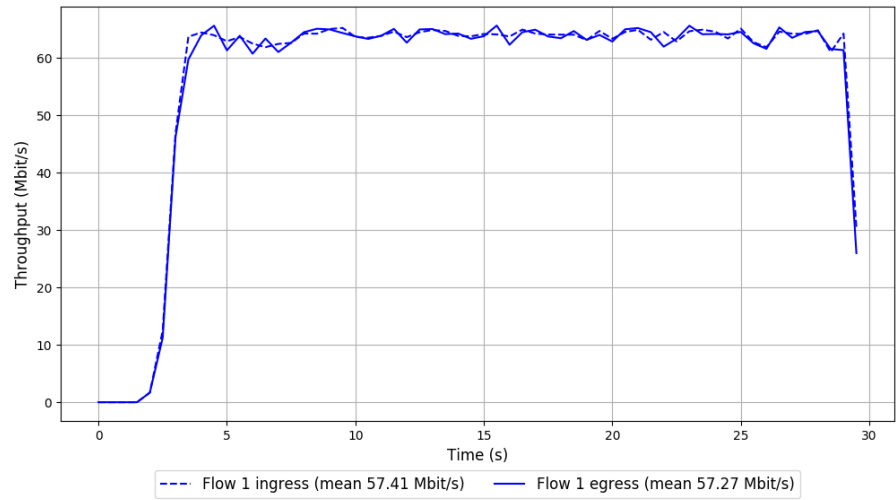


```
Run 1: Statistics of Indigo

Start at: 2017-09-03 00:59:18
End at: 2017-09-03 00:59:48
Local clock offset: 0.908 ms
Remote clock offset: -0.818 ms

# Below is generated by plot.py at 2017-09-03 08:12:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 30.252 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 57.27 Mbit/s
95th percentile per-packet one-way delay: 30.252 ms
Loss rate: 0.49%
```


Run 1: Report of Indigo — Data Link

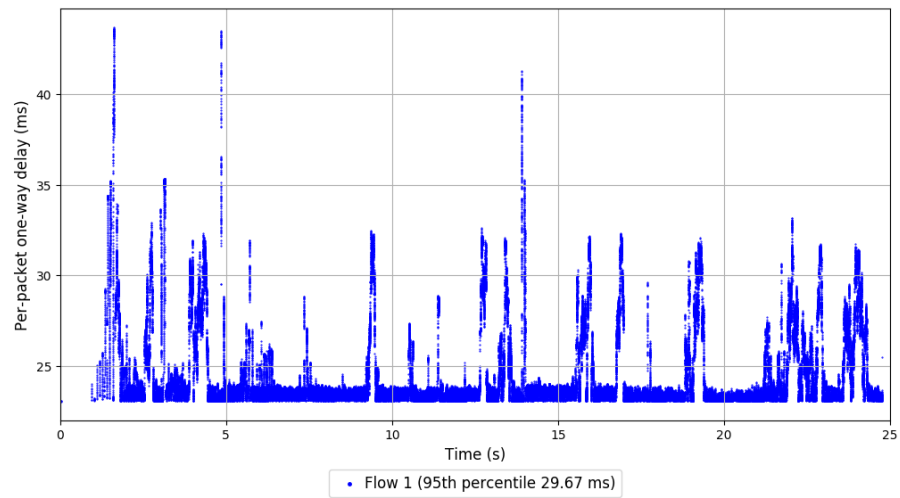
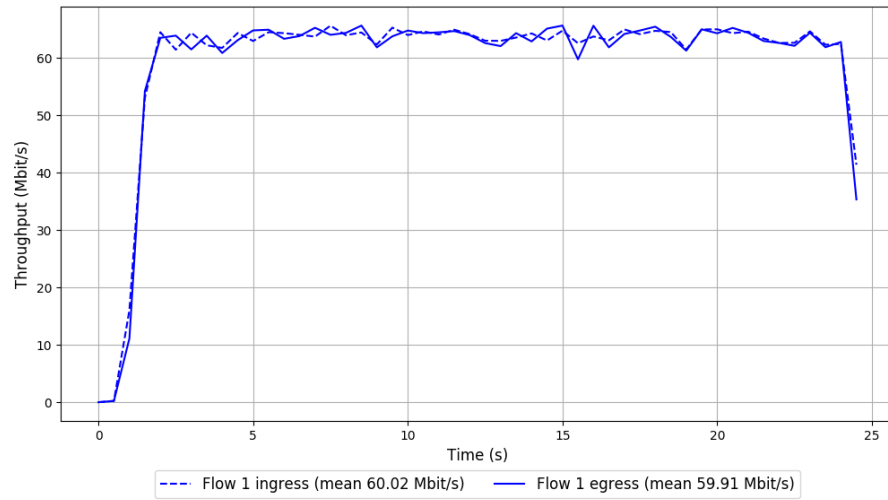


Run 2: Statistics of Indigo

Start at: 2017-09-03 01:19:29
End at: 2017-09-03 01:19:59
Local clock offset: 0.794 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2017-09-03 08:12:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.91 Mbit/s
95th percentile per-packet one-way delay: 29.669 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 59.91 Mbit/s
95th percentile per-packet one-way delay: 29.669 ms
Loss rate: 0.45%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-03 01:40:08

End at: 2017-09-03 01:40:38

Local clock offset: 0.906 ms

Remote clock offset: -0.32 ms

Below is generated by plot.py at 2017-09-03 08:12:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.40 Mbit/s

95th percentile per-packet one-way delay: 30.733 ms

Loss rate: 0.45%

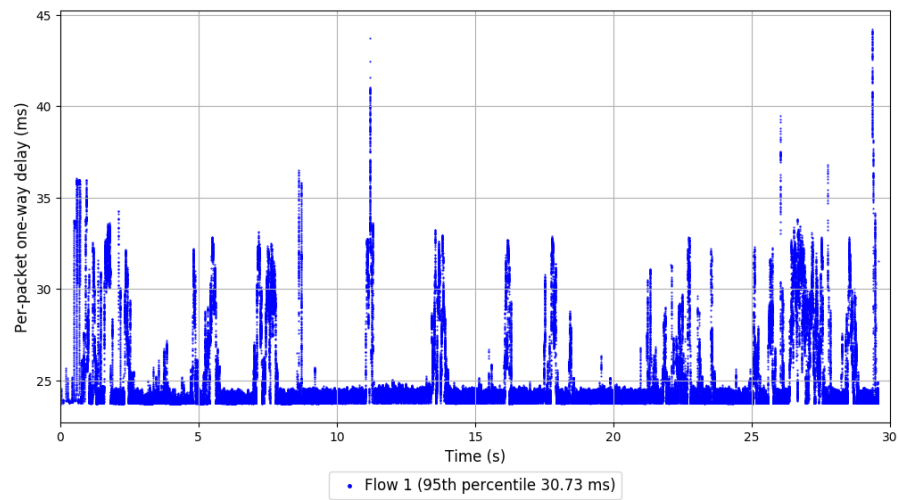
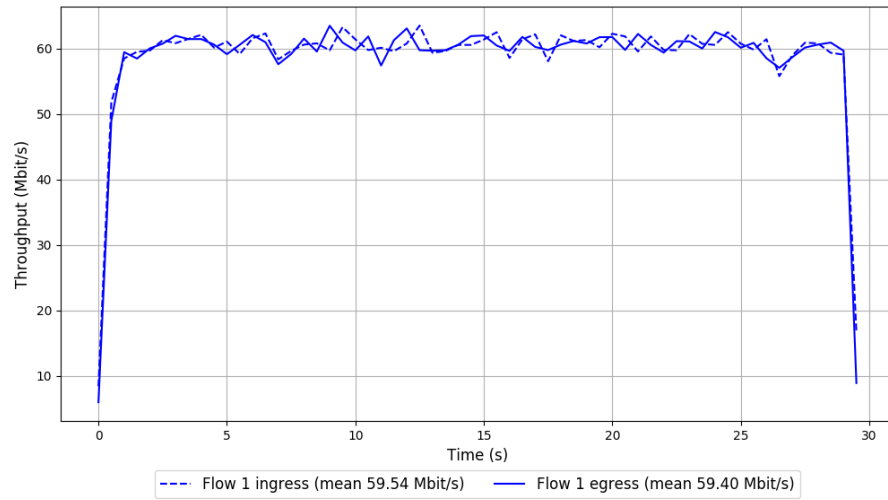
-- Flow 1:

Average throughput: 59.40 Mbit/s

95th percentile per-packet one-way delay: 30.733 ms

Loss rate: 0.45%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

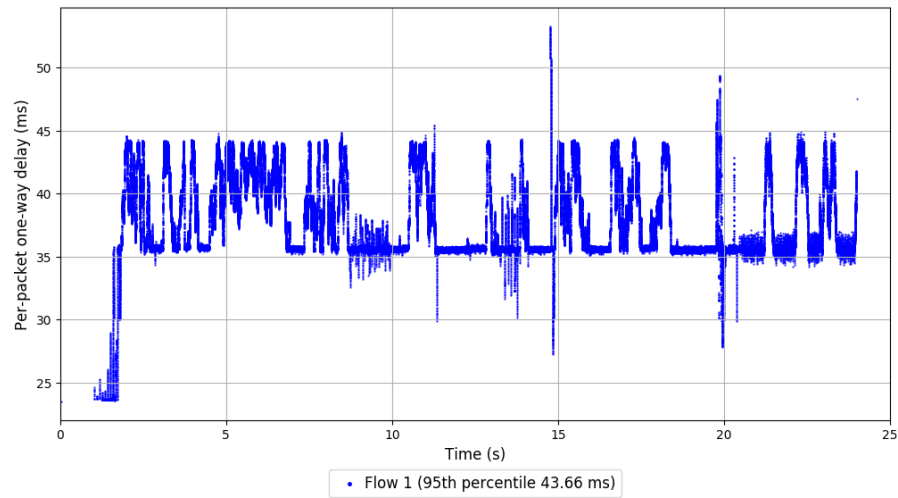
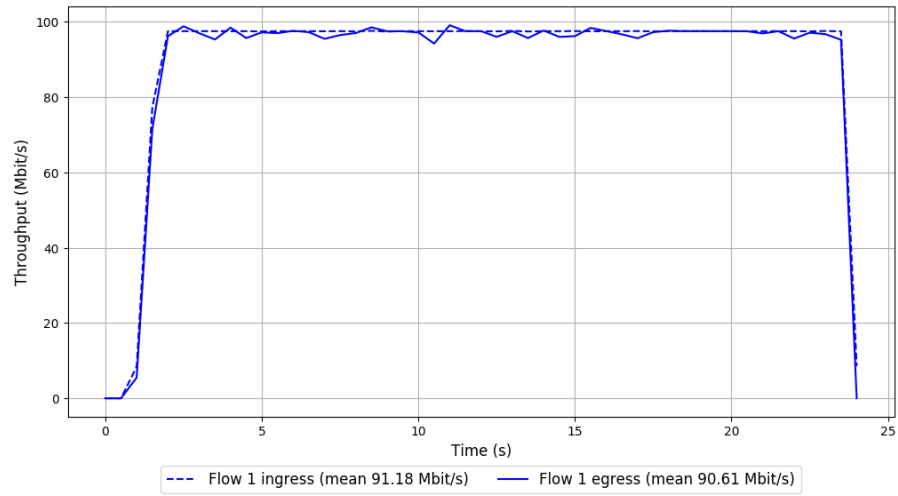
Start at: 2017-09-03 02:00:34

End at: 2017-09-03 02:01:04

Local clock offset: 0.69 ms

Remote clock offset: 0.294 ms

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-09-03 02:21:20

End at: 2017-09-03 02:21:50

Local clock offset: 0.235 ms

Remote clock offset: 0.92 ms

Below is generated by plot.py at 2017-09-03 08:12:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.08 Mbit/s

95th percentile per-packet one-way delay: 35.123 ms

Loss rate: 0.94%

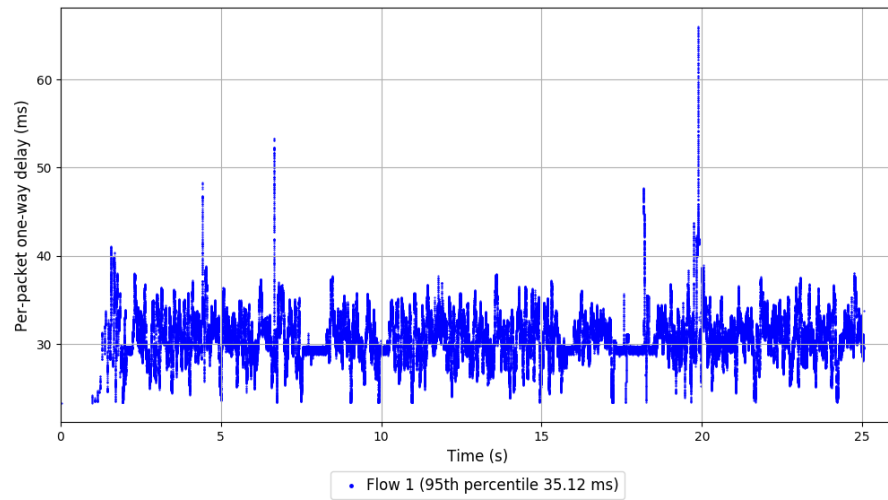
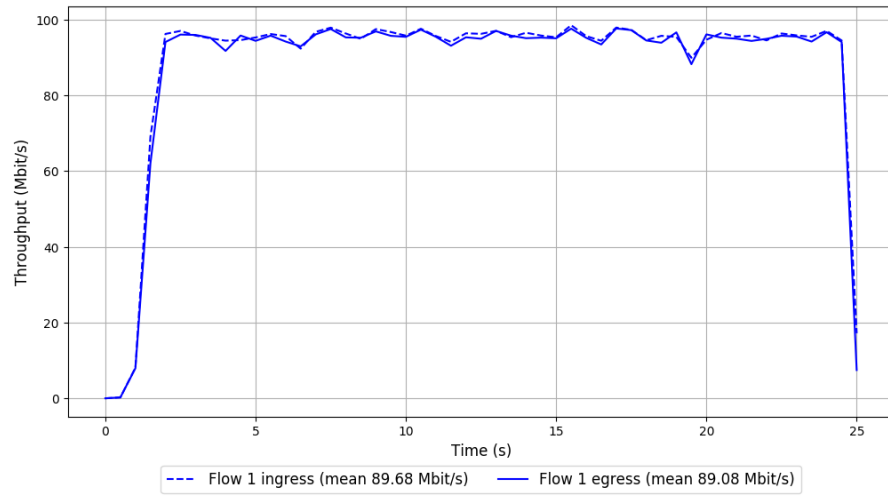
-- Flow 1:

Average throughput: 89.08 Mbit/s

95th percentile per-packet one-way delay: 35.123 ms

Loss rate: 0.94%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

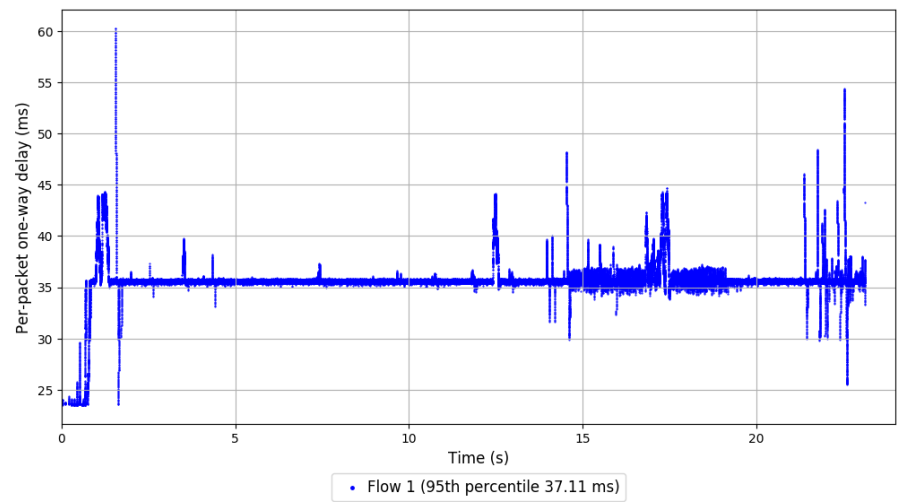
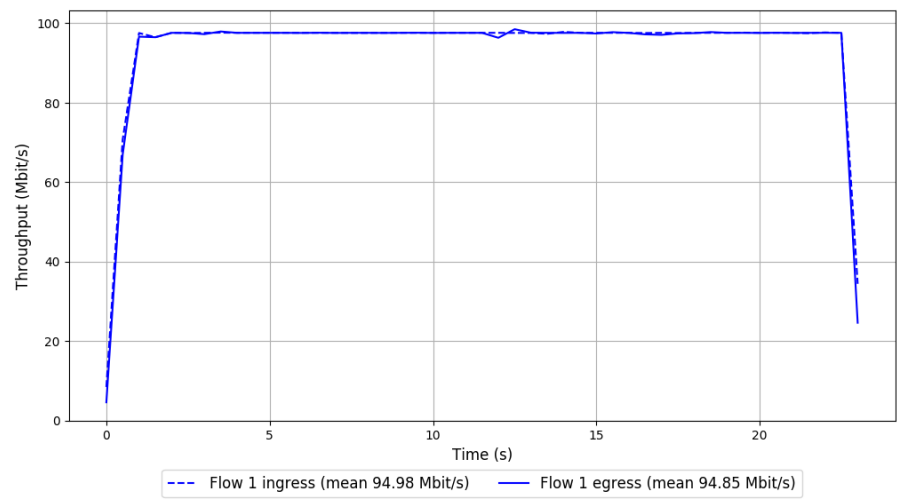
Start at: 2017-09-03 02:41:39

End at: 2017-09-03 02:42:09

Local clock offset: -0.229 ms

Remote clock offset: 0.743 ms

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

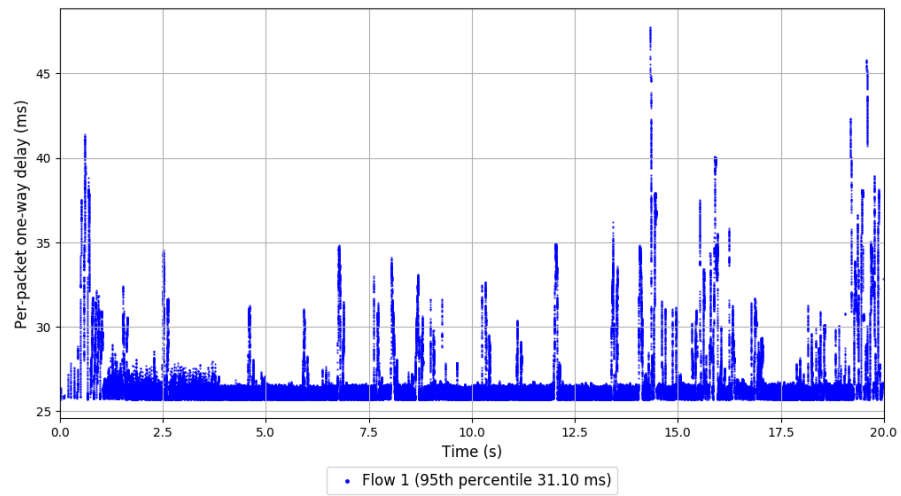
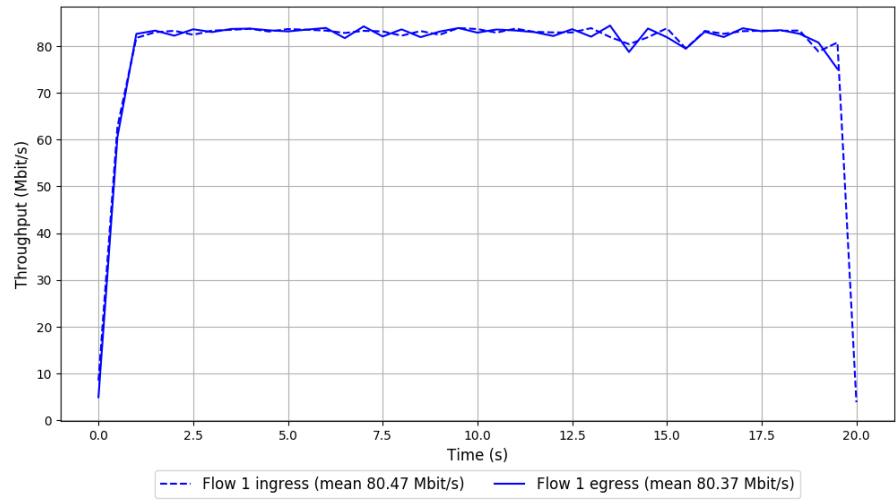
Start at: 2017-09-03 03:01:50

End at: 2017-09-03 03:02:20

Local clock offset: -0.425 ms

Remote clock offset: -1.561 ms

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

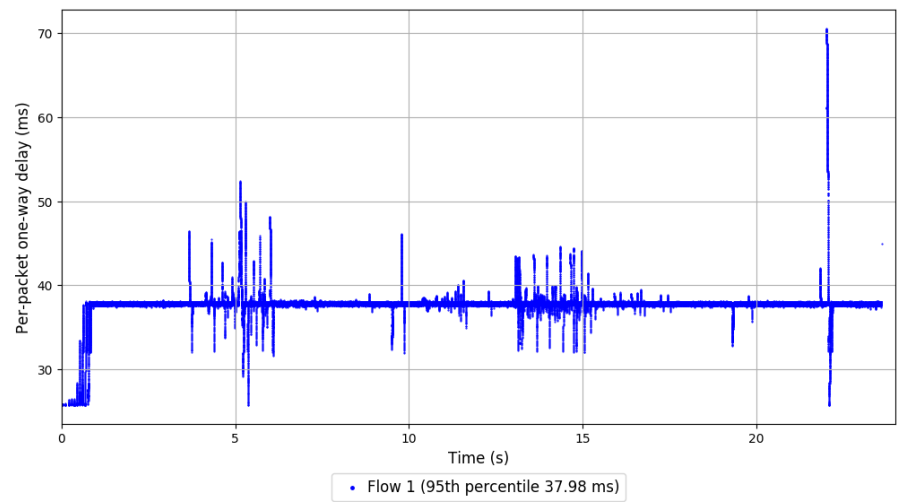
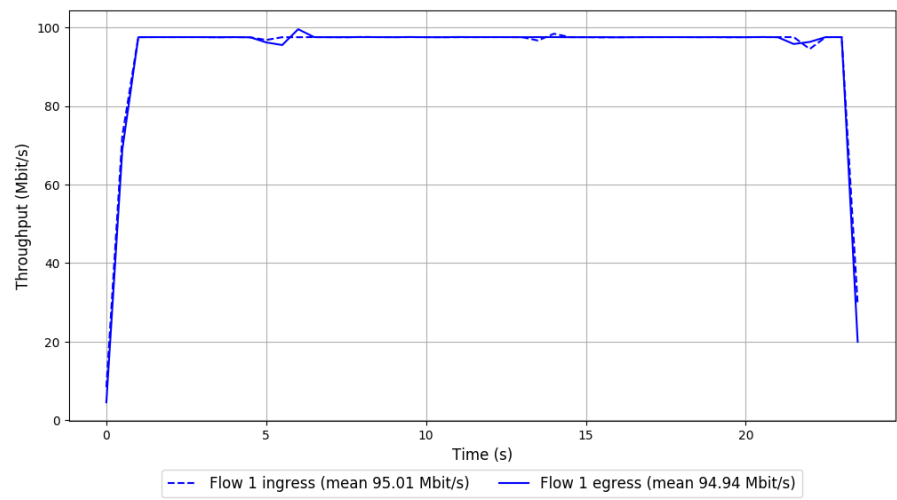
Start at: 2017-09-03 03:22:10

End at: 2017-09-03 03:22:40

Local clock offset: -0.401 ms

Remote clock offset: -1.851 ms

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

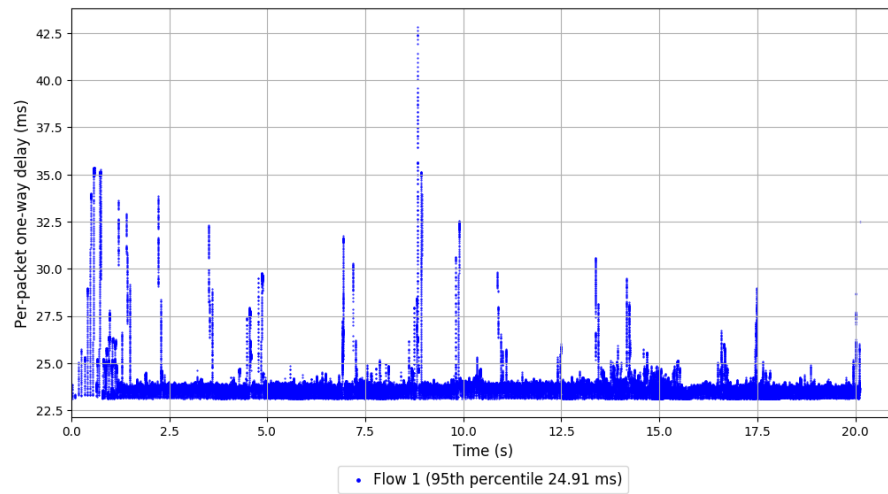
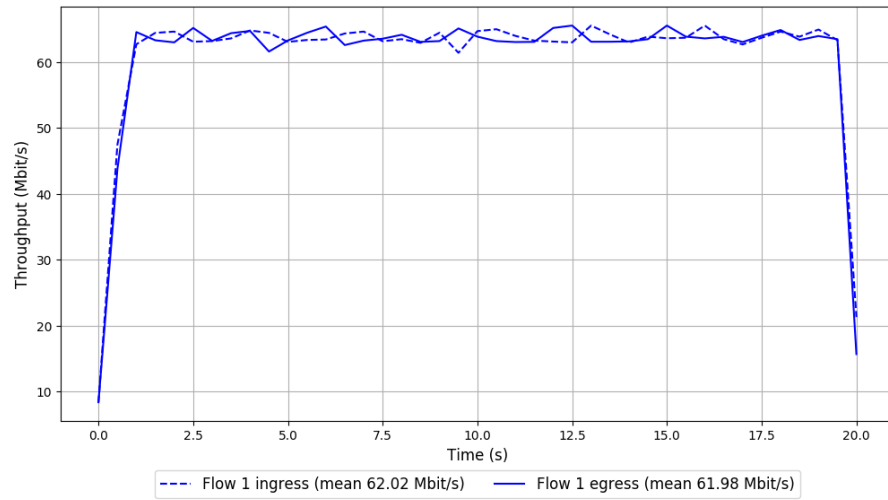
Start at: 2017-09-03 03:42:23

End at: 2017-09-03 03:42:53

Local clock offset: -0.437 ms

Remote clock offset: 0.615 ms

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

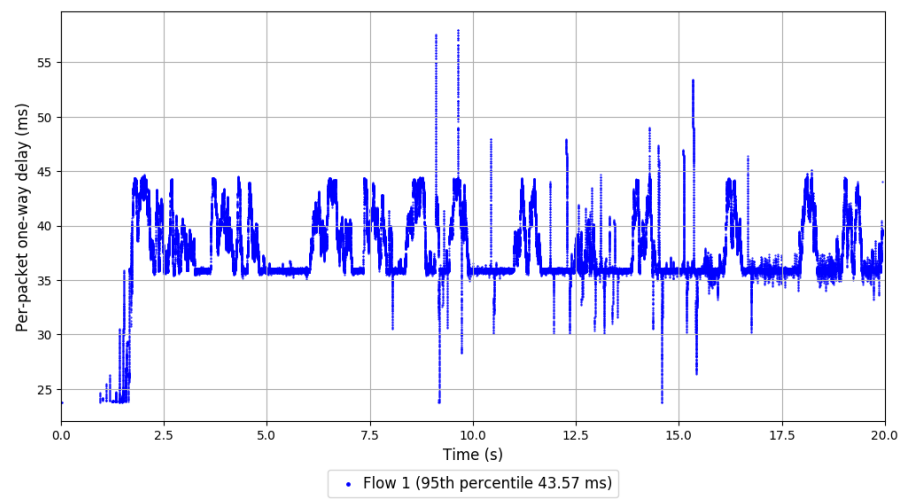
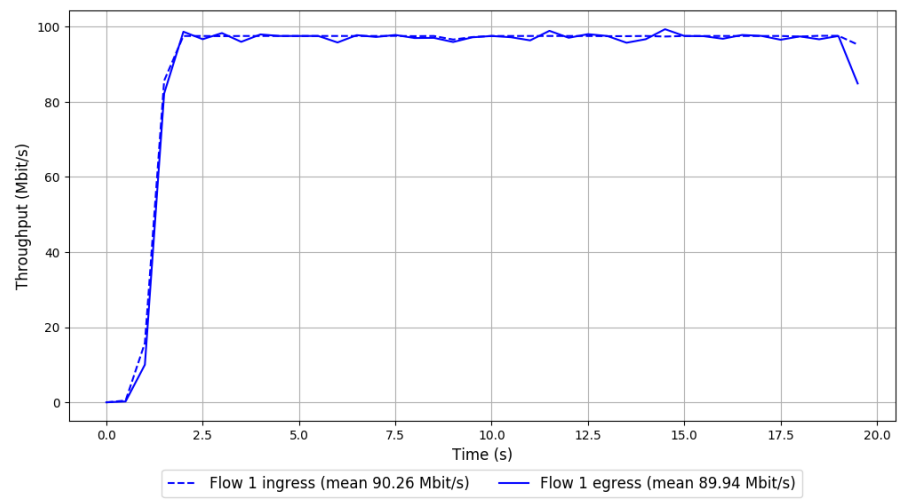
Start at: 2017-09-03 04:02:33

End at: 2017-09-03 04:03:03

Local clock offset: -0.147 ms

Remote clock offset: 0.041 ms

Run 10: Report of Indigo — Data Link

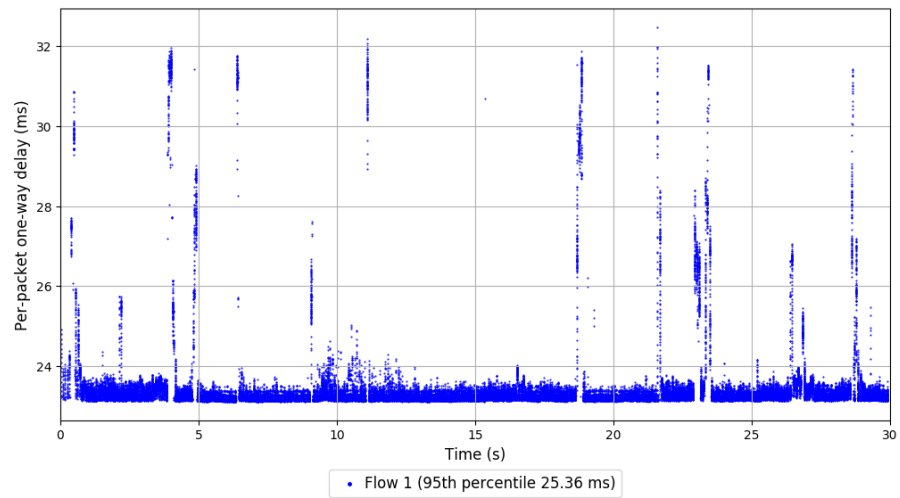
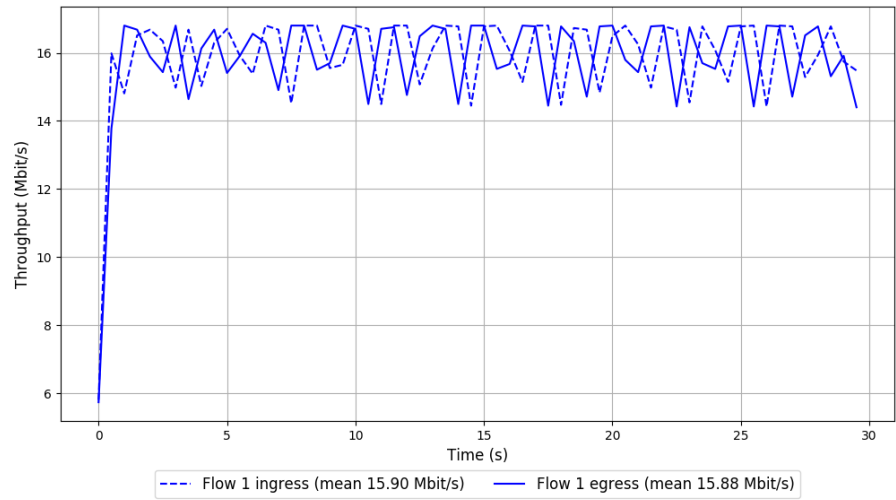


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 01:12:51
End at: 2017-09-03 01:13:21
Local clock offset: 0.918 ms
Remote clock offset: -0.157 ms

# Below is generated by plot.py at 2017-09-03 08:13:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 25.361 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 25.361 ms
Loss rate: 0.35%
```

Run 1: Report of KohoCC — Data Link

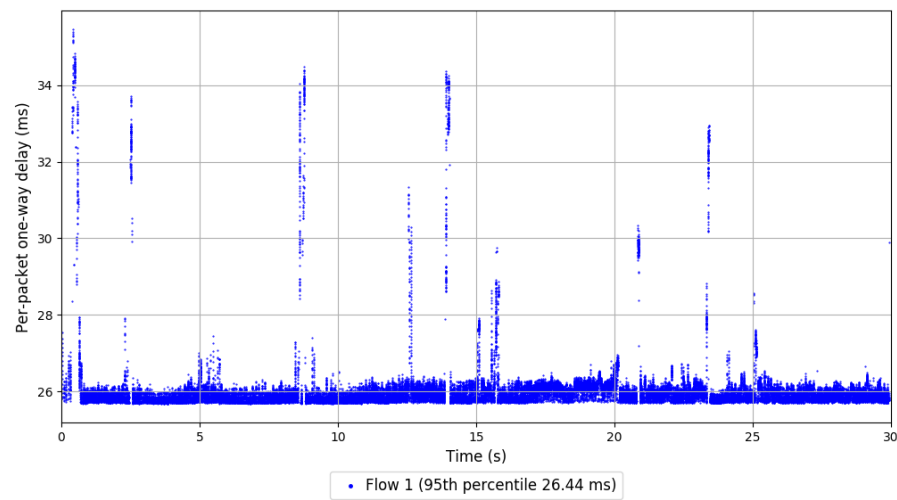
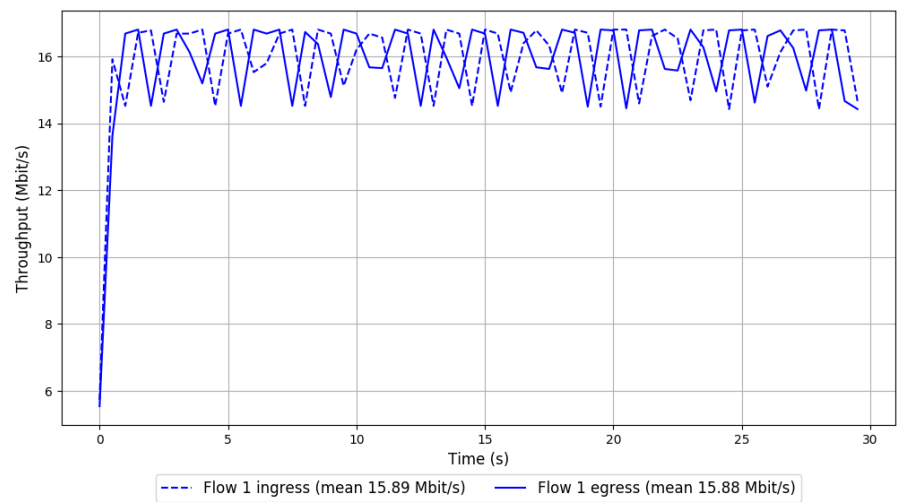


Run 2: Statistics of KohoCC

Start at: 2017-09-03 01:33:20
End at: 2017-09-03 01:33:50
Local clock offset: 0.778 ms
Remote clock offset: -2.526 ms

Below is generated by plot.py at 2017-09-03 08:13:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 26.436 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 26.436 ms
Loss rate: 0.30%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

Start at: 2017-09-03 01:53:57

End at: 2017-09-03 01:54:27

Local clock offset: 0.745 ms

Remote clock offset: 0.442 ms

Below is generated by plot.py at 2017-09-03 08:13:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.86 Mbit/s

95th percentile per-packet one-way delay: 24.610 ms

Loss rate: 0.57%

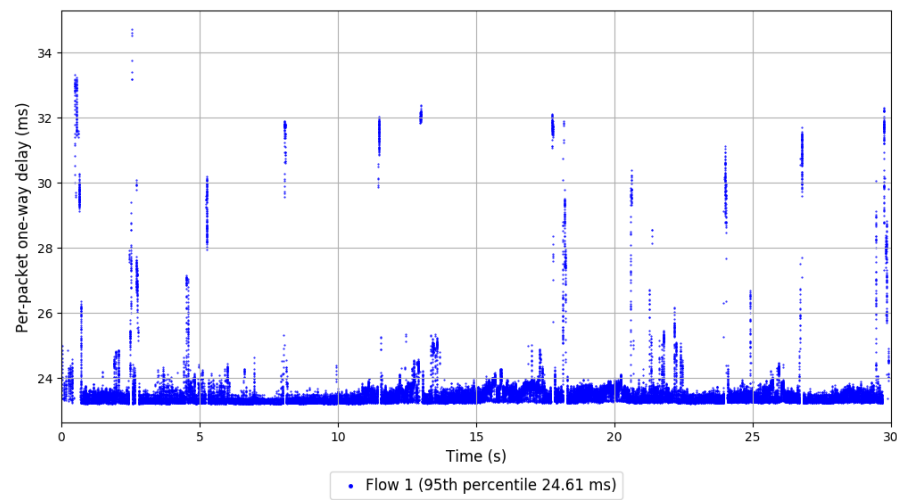
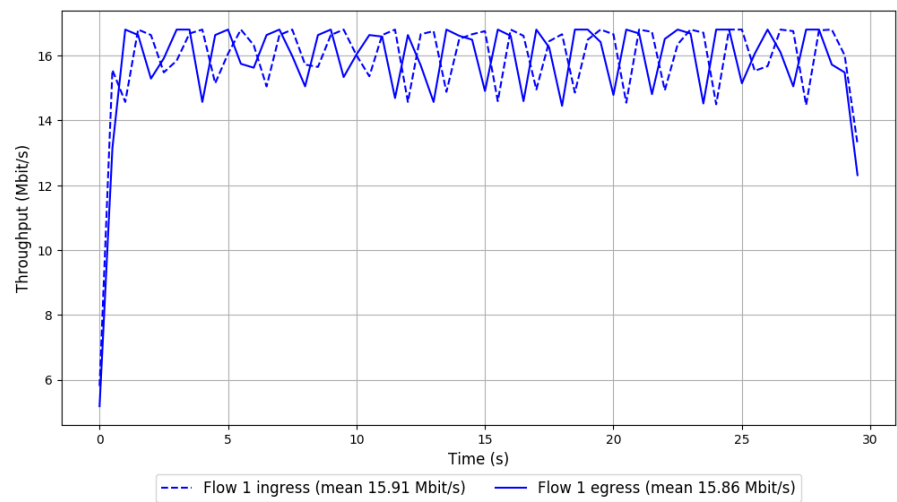
-- Flow 1:

Average throughput: 15.86 Mbit/s

95th percentile per-packet one-way delay: 24.610 ms

Loss rate: 0.57%

Run 3: Report of KohoCC — Data Link

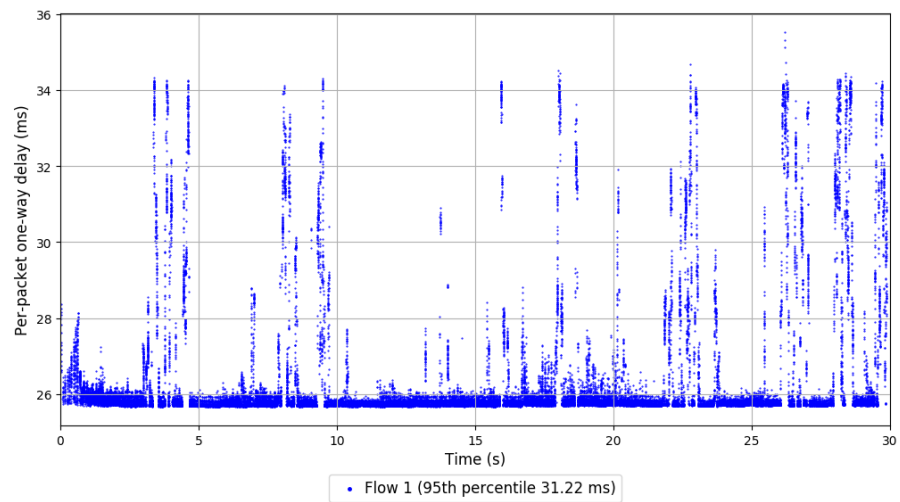
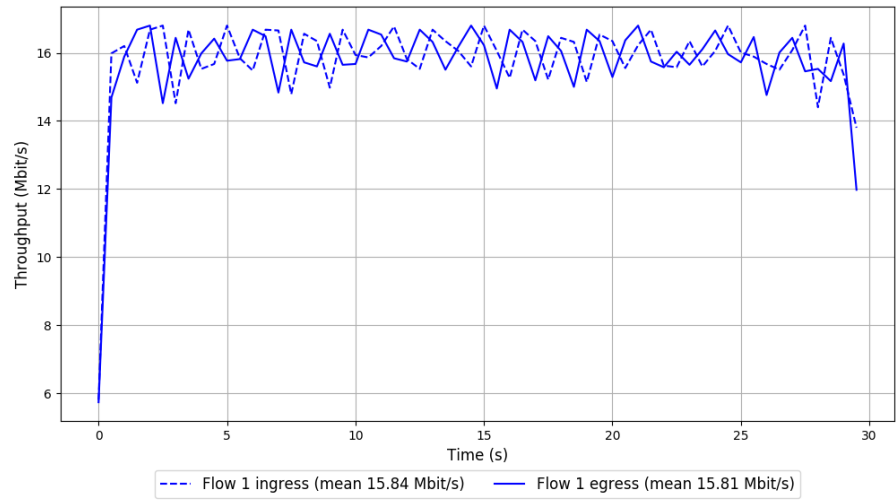


Run 4: Statistics of KohoCC

Start at: 2017-09-03 02:14:43
End at: 2017-09-03 02:15:13
Local clock offset: 0.275 ms
Remote clock offset: -1.557 ms

Below is generated by plot.py at 2017-09-03 08:13:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 31.222 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 15.81 Mbit/s
95th percentile per-packet one-way delay: 31.222 ms
Loss rate: 0.43%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: 2017-09-03 02:35:06

End at: 2017-09-03 02:35:36

Local clock offset: 0.018 ms

Remote clock offset: 0.606 ms

Below is generated by plot.py at 2017-09-03 08:13:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.95 Mbit/s

95th percentile per-packet one-way delay: 24.269 ms

Loss rate: 0.30%

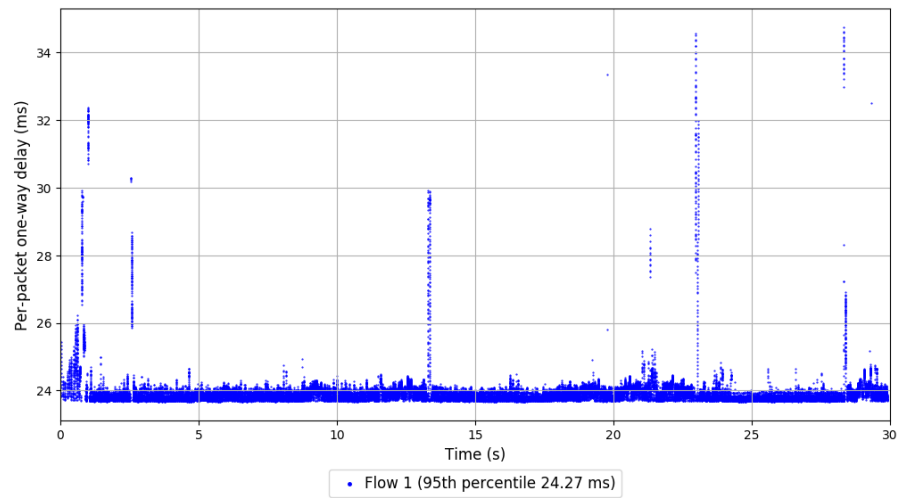
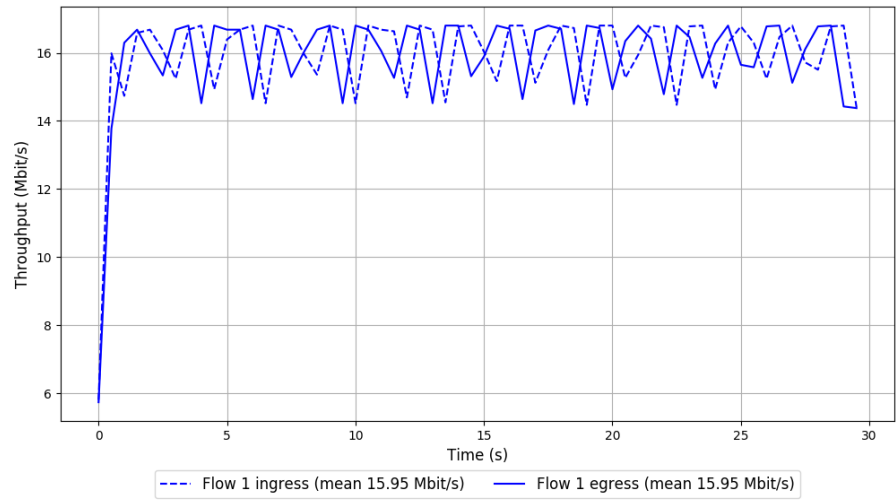
-- Flow 1:

Average throughput: 15.95 Mbit/s

95th percentile per-packet one-way delay: 24.269 ms

Loss rate: 0.30%

Run 5: Report of KohoCC — Data Link

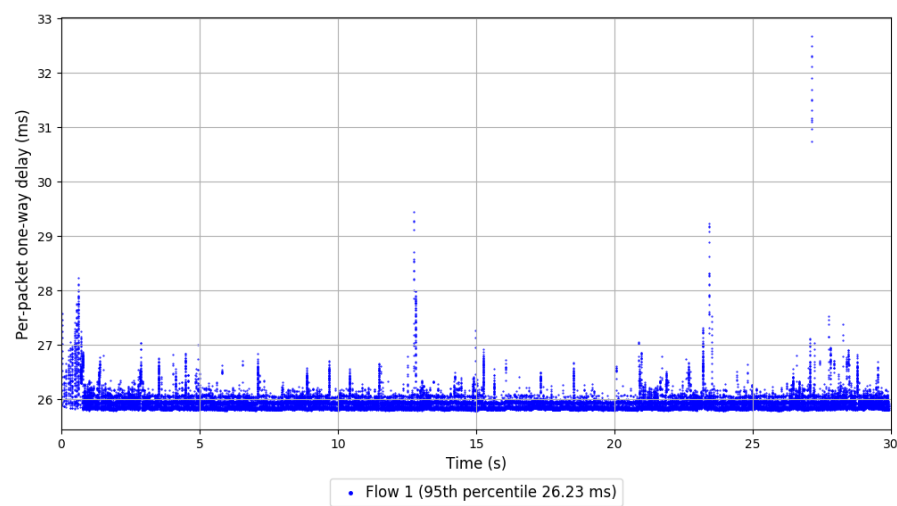
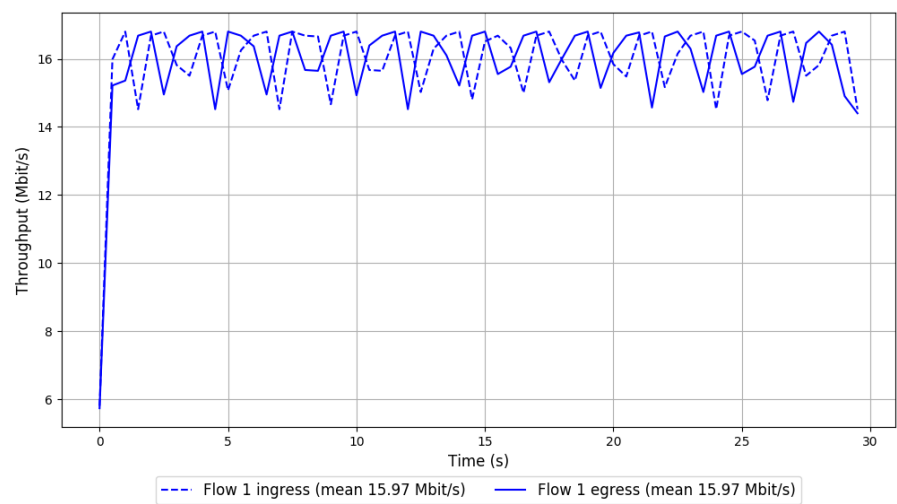


Run 6: Statistics of KohoCC

Start at: 2017-09-03 02:55:17
End at: 2017-09-03 02:55:47
Local clock offset: -0.335 ms
Remote clock offset: -1.646 ms

Below is generated by plot.py at 2017-09-03 08:13:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 26.235 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 15.97 Mbit/s
95th percentile per-packet one-way delay: 26.235 ms
Loss rate: 0.25%

Run 6: Report of KohoCC — Data Link

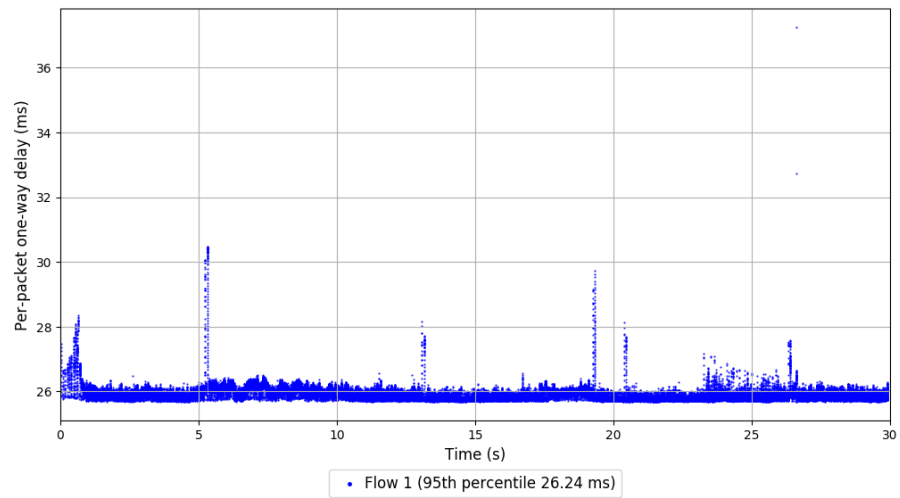
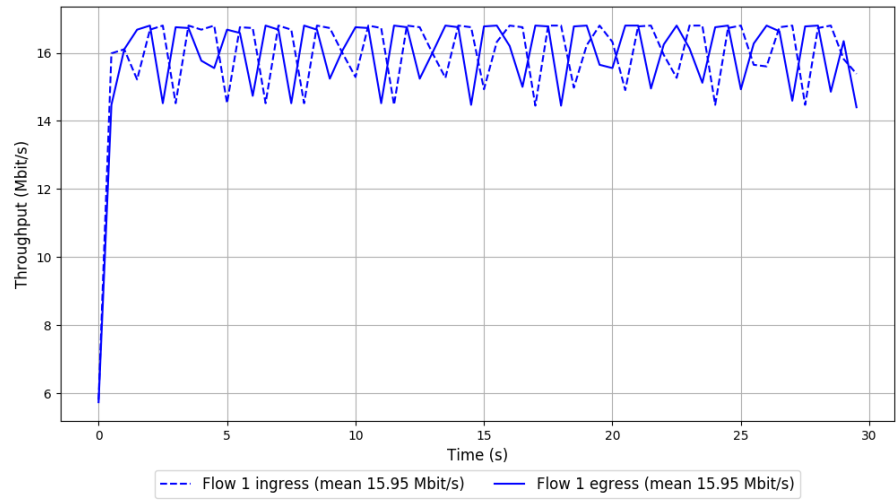


Run 7: Statistics of KohoCC

Start at: 2017-09-03 03:15:37
End at: 2017-09-03 03:16:07
Local clock offset: -0.511 ms
Remote clock offset: -1.845 ms

Below is generated by plot.py at 2017-09-03 08:13:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 26.241 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 15.95 Mbit/s
95th percentile per-packet one-way delay: 26.241 ms
Loss rate: 0.25%

Run 7: Report of KohoCC — Data Link



Run 8: Statistics of KohoCC

Start at: 2017-09-03 03:35:51

End at: 2017-09-03 03:36:21

Local clock offset: -0.476 ms

Remote clock offset: 0.075 ms

Below is generated by plot.py at 2017-09-03 08:13:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.97 Mbit/s

95th percentile per-packet one-way delay: 24.379 ms

Loss rate: 0.25%

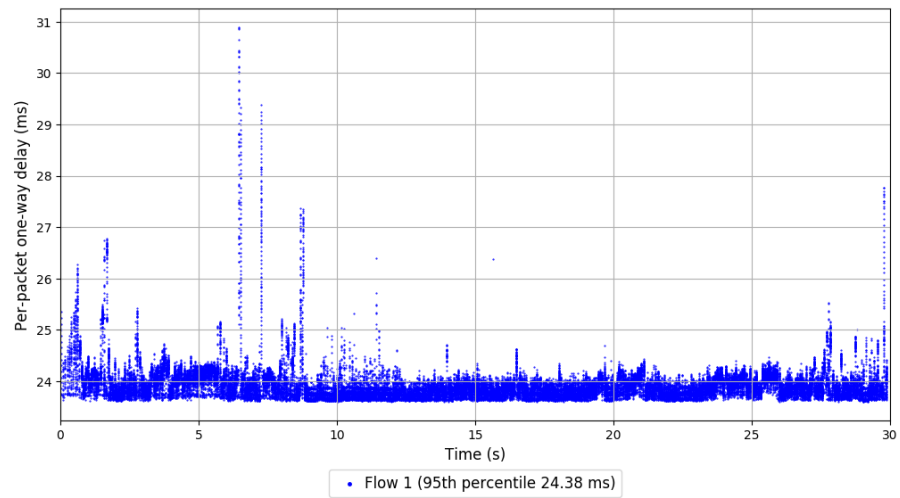
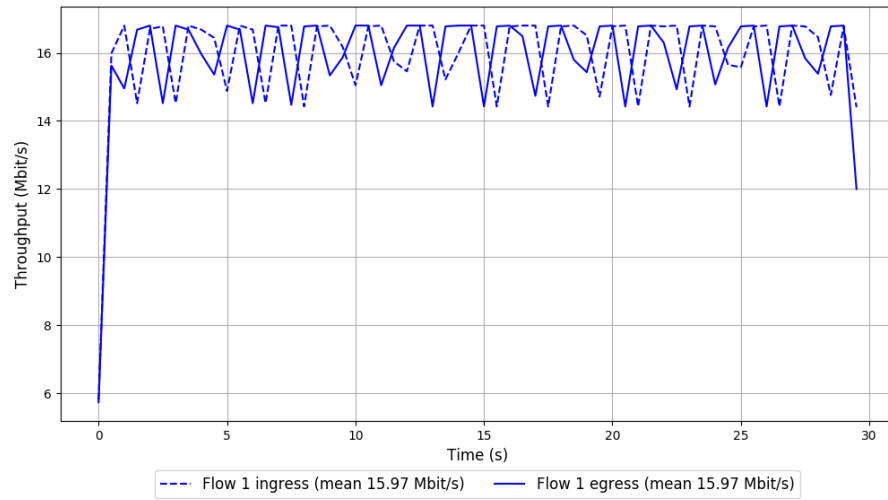
-- Flow 1:

Average throughput: 15.97 Mbit/s

95th percentile per-packet one-way delay: 24.379 ms

Loss rate: 0.25%

Run 8: Report of KohoCC — Data Link

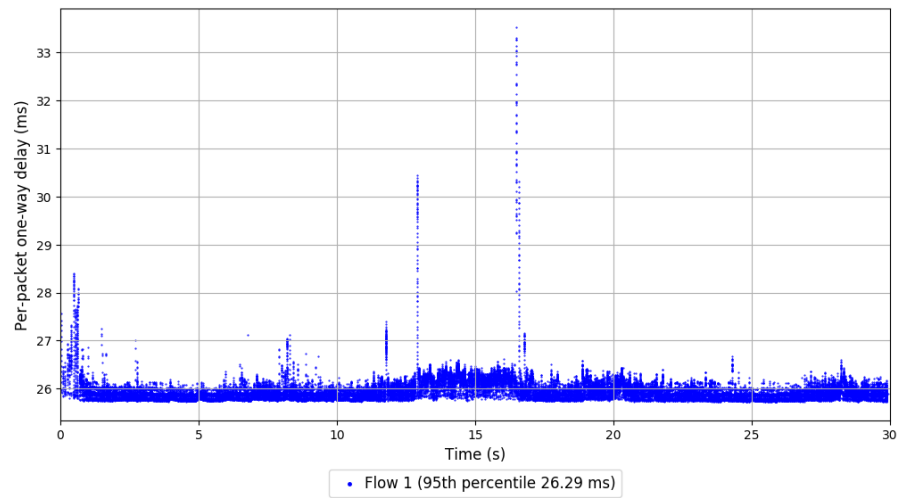
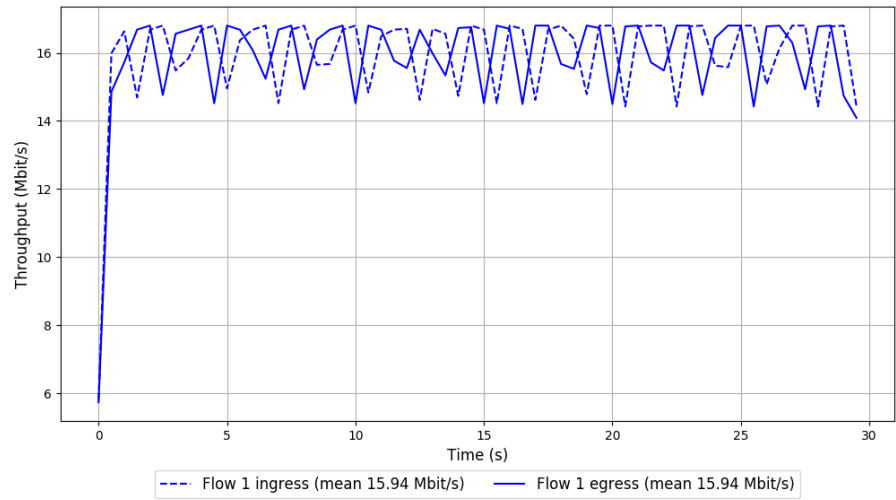


Run 9: Statistics of KohoCC

Start at: 2017-09-03 03:56:01
End at: 2017-09-03 03:56:31
Local clock offset: -0.229 ms
Remote clock offset: -1.997 ms

Below is generated by plot.py at 2017-09-03 08:13:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 26.290 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 15.94 Mbit/s
95th percentile per-packet one-way delay: 26.290 ms
Loss rate: 0.25%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-03 04:16:16

End at: 2017-09-03 04:16:46

Local clock offset: -0.038 ms

Remote clock offset: 0.605 ms

Below is generated by plot.py at 2017-09-03 08:13:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 23.641 ms

Loss rate: 0.25%

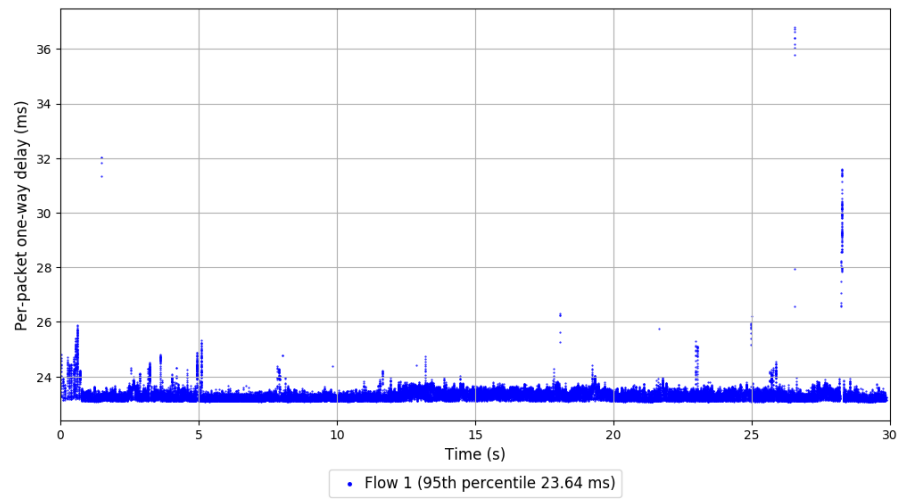
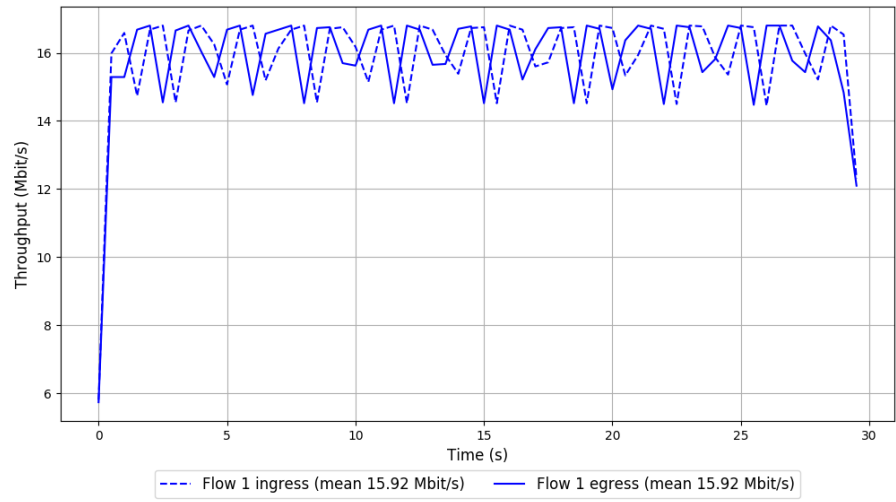
-- Flow 1:

Average throughput: 15.92 Mbit/s

95th percentile per-packet one-way delay: 23.641 ms

Loss rate: 0.25%

Run 10: Report of KohoCC — Data Link

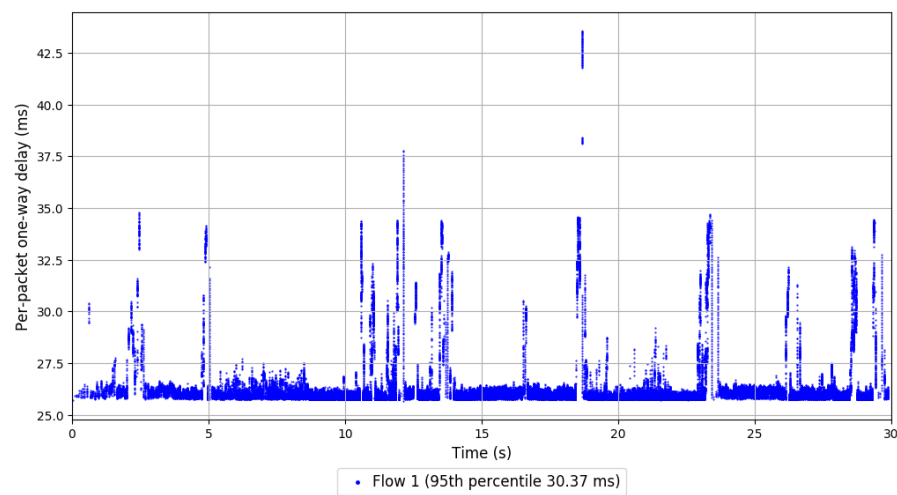
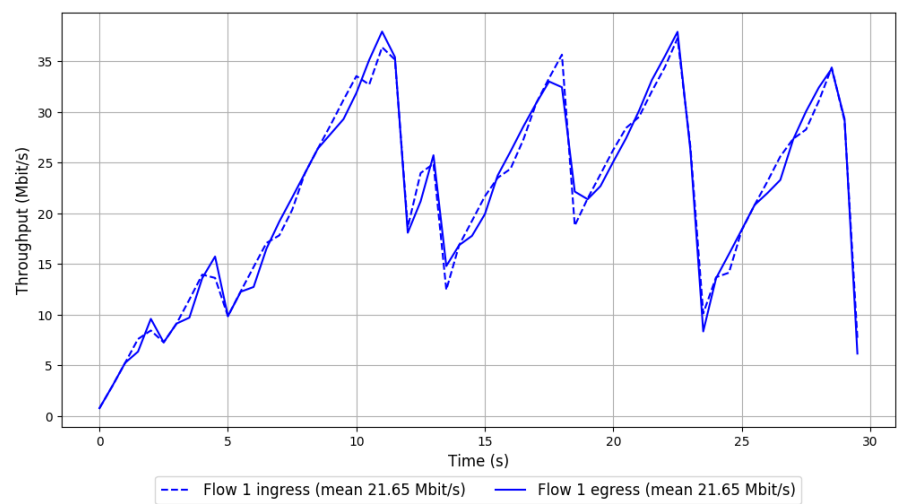


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-03 01:05:54
End at: 2017-09-03 01:06:25
Local clock offset: 0.973 ms
Remote clock offset: -2.876 ms

# Below is generated by plot.py at 2017-09-03 08:13:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.65 Mbit/s
95th percentile per-packet one-way delay: 30.368 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 21.65 Mbit/s
95th percentile per-packet one-way delay: 30.368 ms
Loss rate: 0.22%
```


Run 1: Report of LEDBAT — Data Link

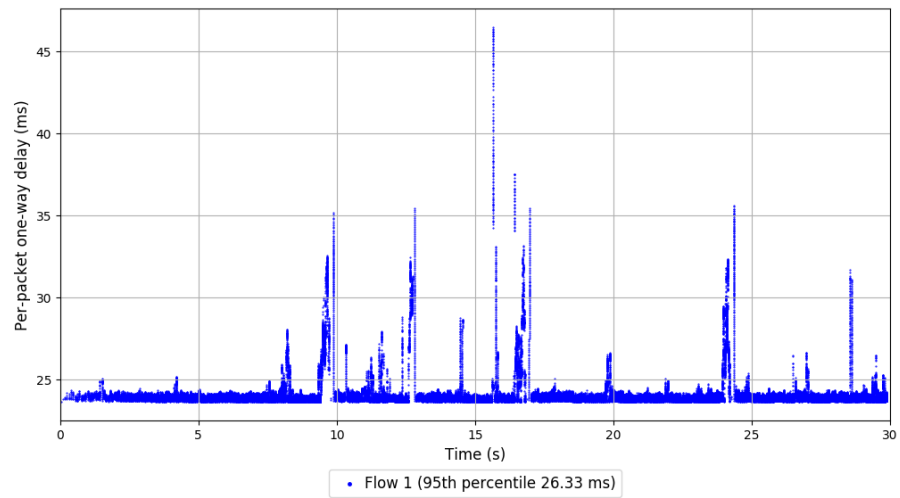
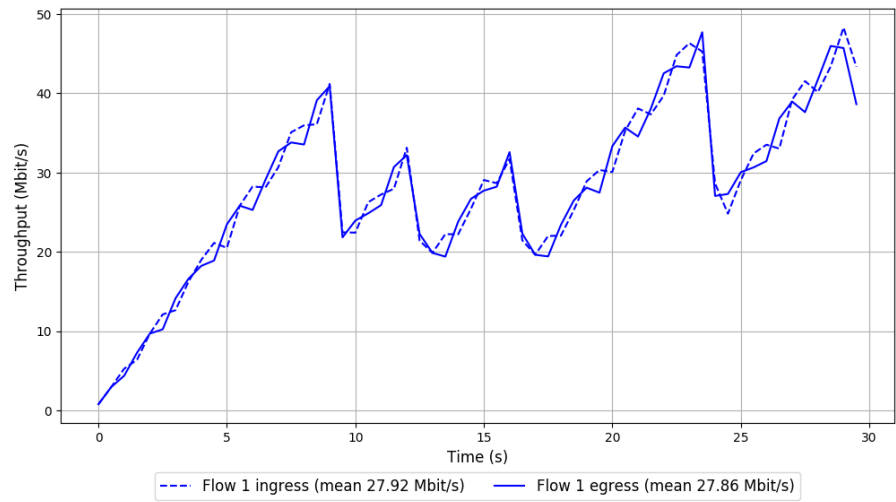


Run 2: Statistics of LEDBAT

Start at: 2017-09-03 01:26:15
End at: 2017-09-03 01:26:45
Local clock offset: 0.872 ms
Remote clock offset: -0.499 ms

Below is generated by plot.py at 2017-09-03 08:13:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 26.333 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 26.333 ms
Loss rate: 0.46%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-09-03 01:46:59

End at: 2017-09-03 01:47:29

Local clock offset: 0.79 ms

Remote clock offset: 0.402 ms

Below is generated by plot.py at 2017-09-03 08:13:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 24.889 ms

Loss rate: 0.43%

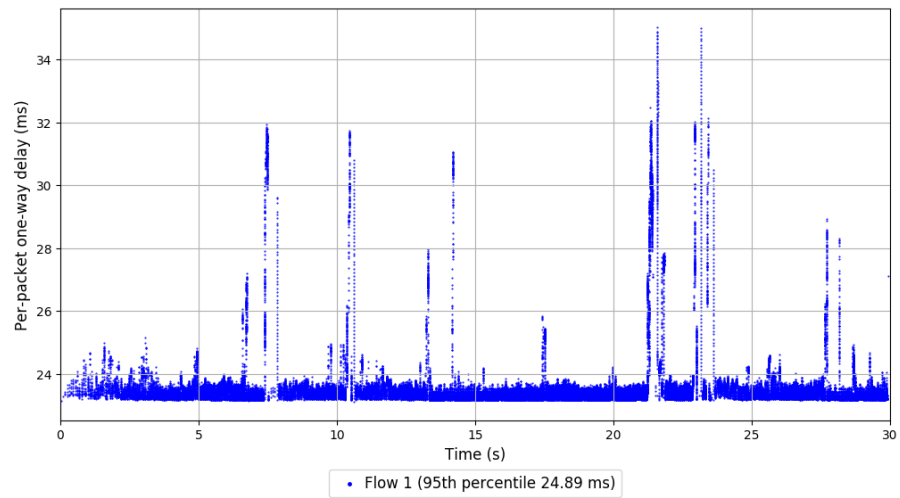
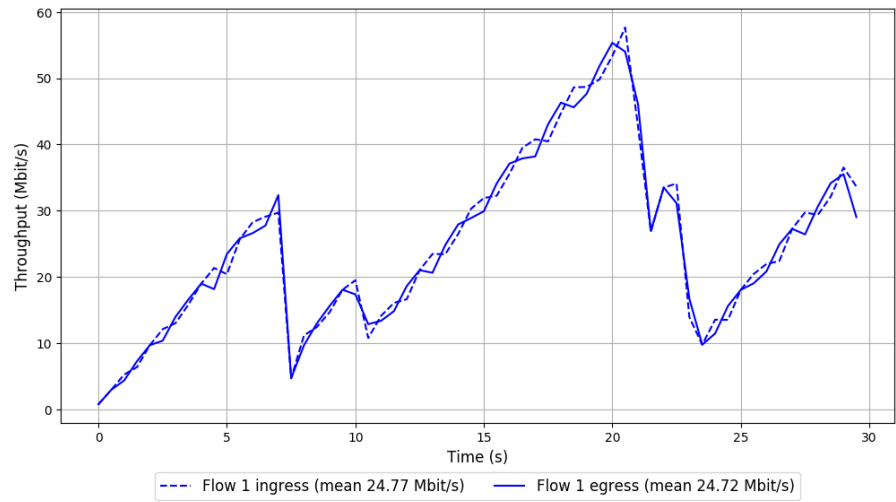
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 24.889 ms

Loss rate: 0.43%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-09-03 02:07:34

End at: 2017-09-03 02:08:04

Local clock offset: 0.455 ms

Remote clock offset: 0.788 ms

Below is generated by plot.py at 2017-09-03 08:13:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 26.954 ms

Loss rate: 0.28%

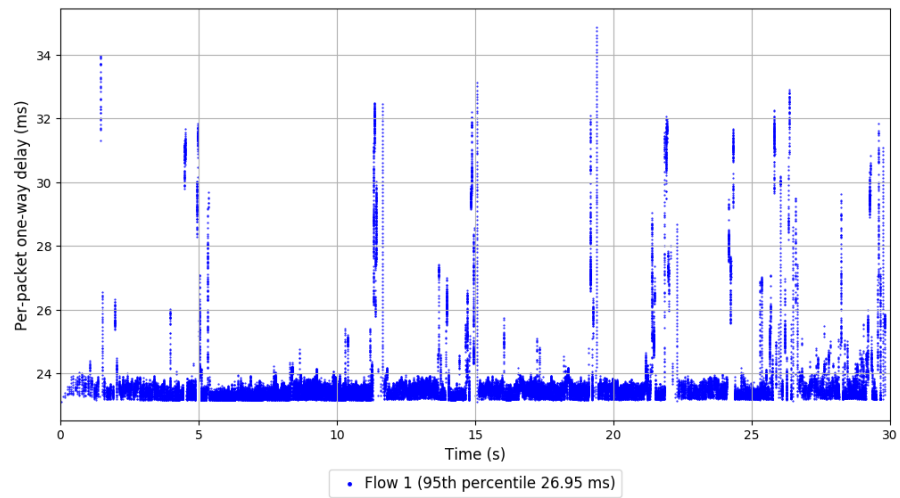
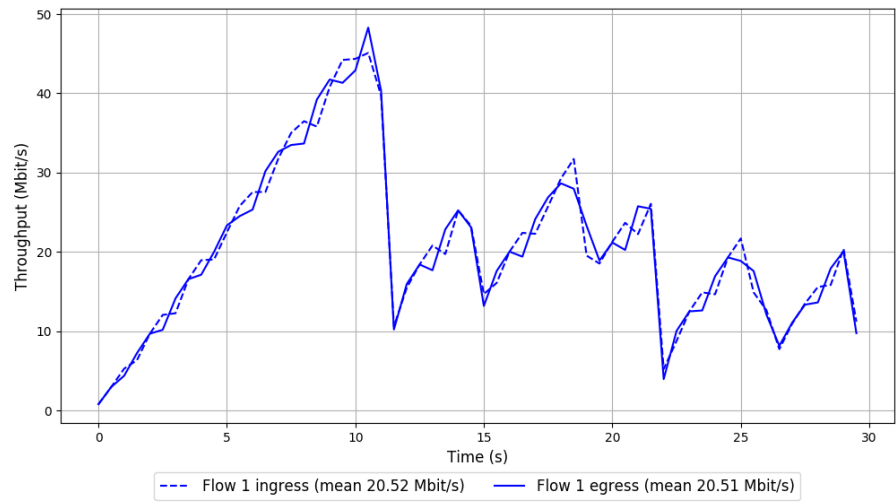
-- Flow 1:

Average throughput: 20.51 Mbit/s

95th percentile per-packet one-way delay: 26.954 ms

Loss rate: 0.28%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-09-03 02:27:59

End at: 2017-09-03 02:28:29

Local clock offset: 0.079 ms

Remote clock offset: 0.543 ms

Below is generated by plot.py at 2017-09-03 08:13:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.74 Mbit/s

95th percentile per-packet one-way delay: 30.524 ms

Loss rate: 0.80%

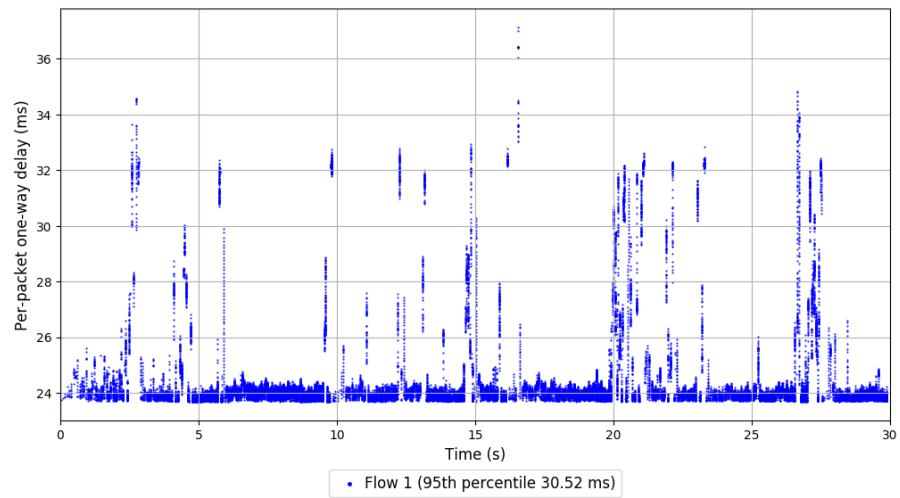
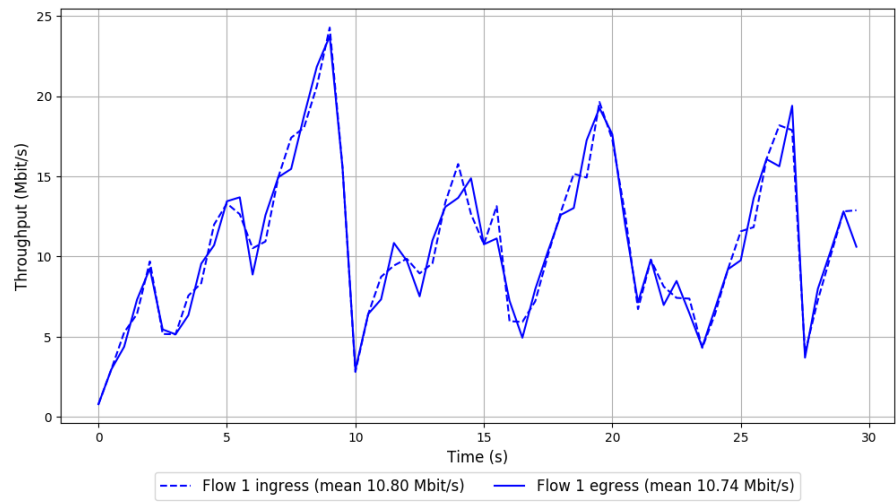
-- Flow 1:

Average throughput: 10.74 Mbit/s

95th percentile per-packet one-way delay: 30.524 ms

Loss rate: 0.80%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-09-03 02:48:22

End at: 2017-09-03 02:48:52

Local clock offset: -0.336 ms

Remote clock offset: 0.597 ms

Below is generated by plot.py at 2017-09-03 08:13:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.60 Mbit/s

95th percentile per-packet one-way delay: 35.344 ms

Loss rate: 0.46%

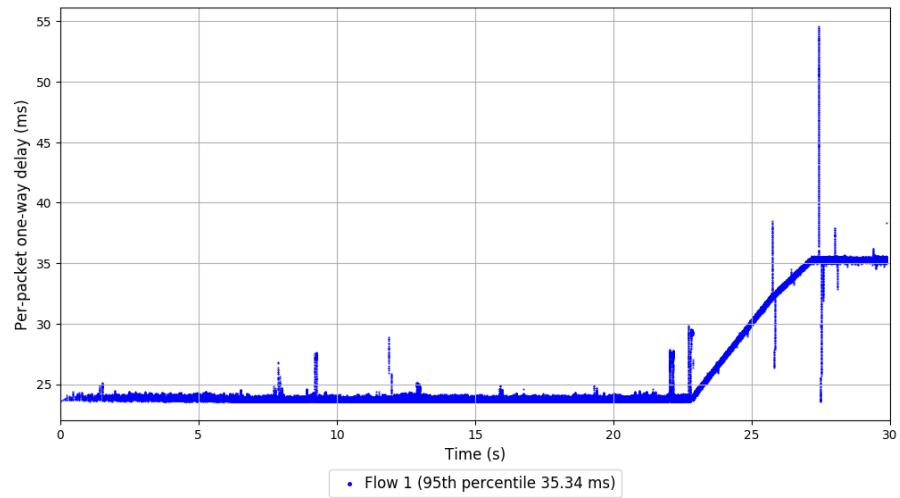
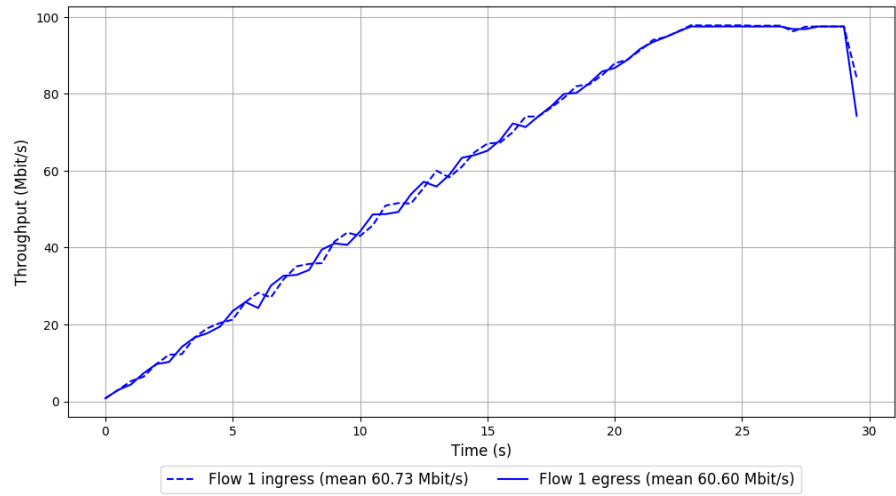
-- Flow 1:

Average throughput: 60.60 Mbit/s

95th percentile per-packet one-way delay: 35.344 ms

Loss rate: 0.46%

Run 6: Report of LEDBAT — Data Link

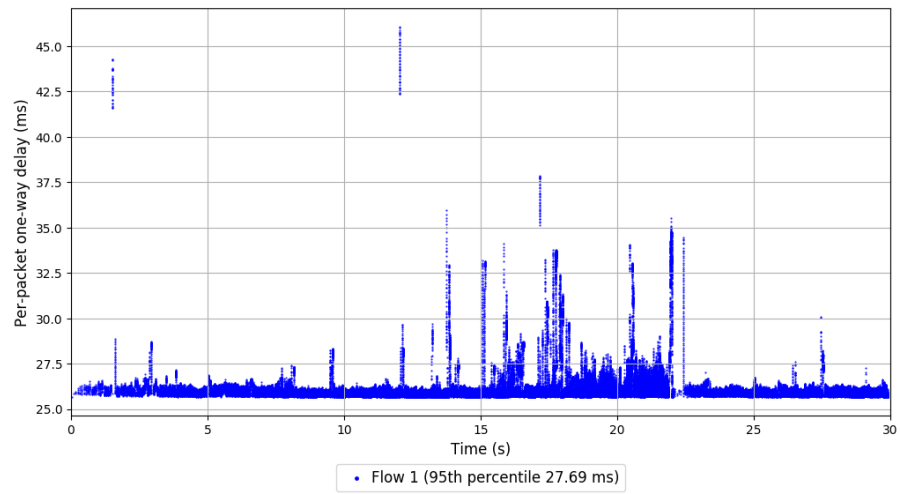
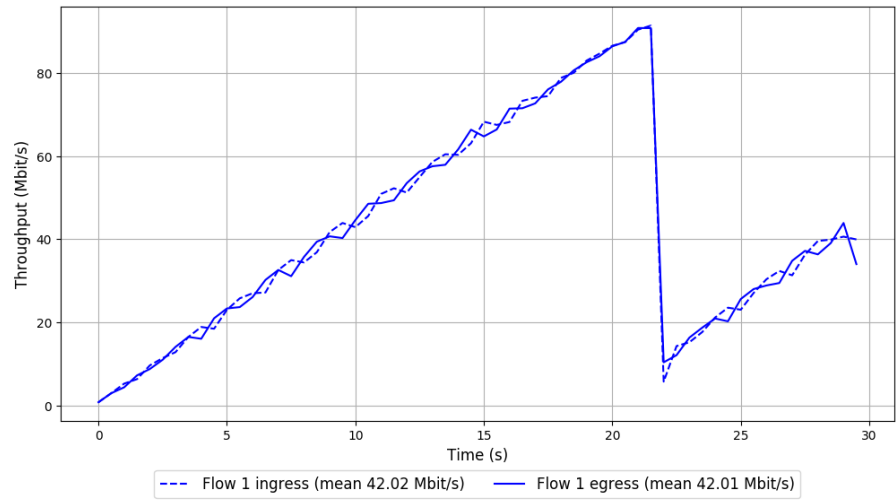


Run 7: Statistics of LEDBAT

Start at: 2017-09-03 03:08:42
End at: 2017-09-03 03:09:12
Local clock offset: -0.544 ms
Remote clock offset: -1.744 ms

Below is generated by plot.py at 2017-09-03 08:13:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.01 Mbit/s
95th percentile per-packet one-way delay: 27.687 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 42.01 Mbit/s
95th percentile per-packet one-way delay: 27.687 ms
Loss rate: 0.28%

Run 7: Report of LEDBAT — Data Link

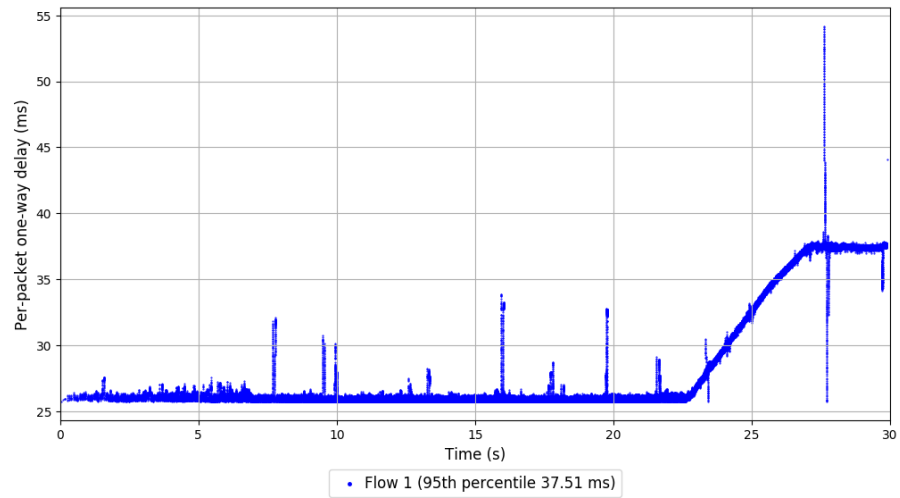
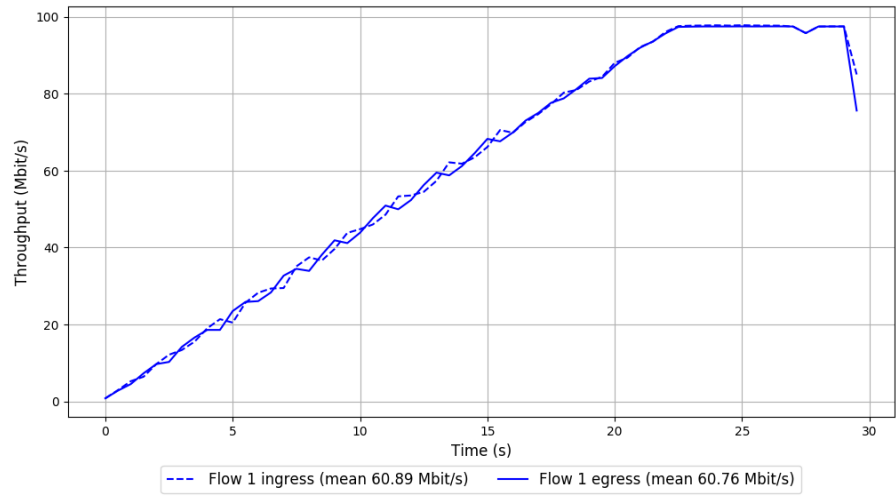


Run 8: Statistics of LEDBAT

Start at: 2017-09-03 03:28:56
End at: 2017-09-03 03:29:26
Local clock offset: -0.385 ms
Remote clock offset: -1.963 ms

Below is generated by plot.py at 2017-09-03 08:13:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.76 Mbit/s
95th percentile per-packet one-way delay: 37.513 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 60.76 Mbit/s
95th percentile per-packet one-way delay: 37.513 ms
Loss rate: 0.46%

Run 8: Report of LEDBAT — Data Link

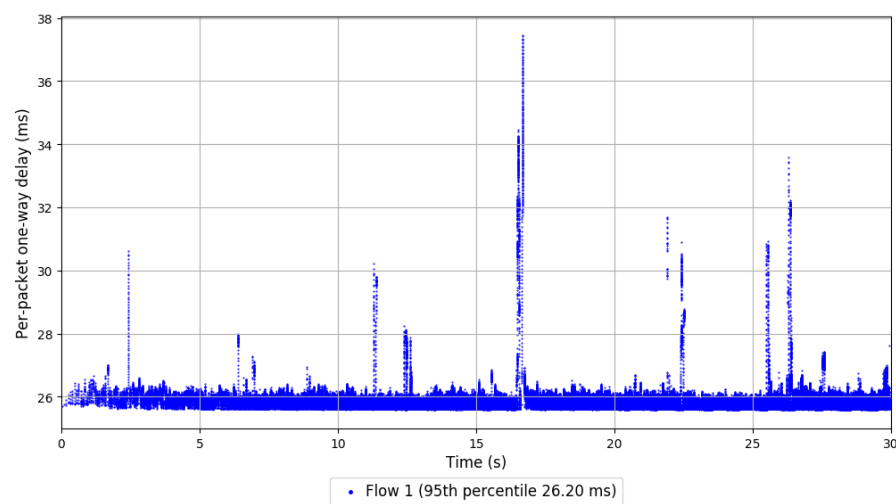
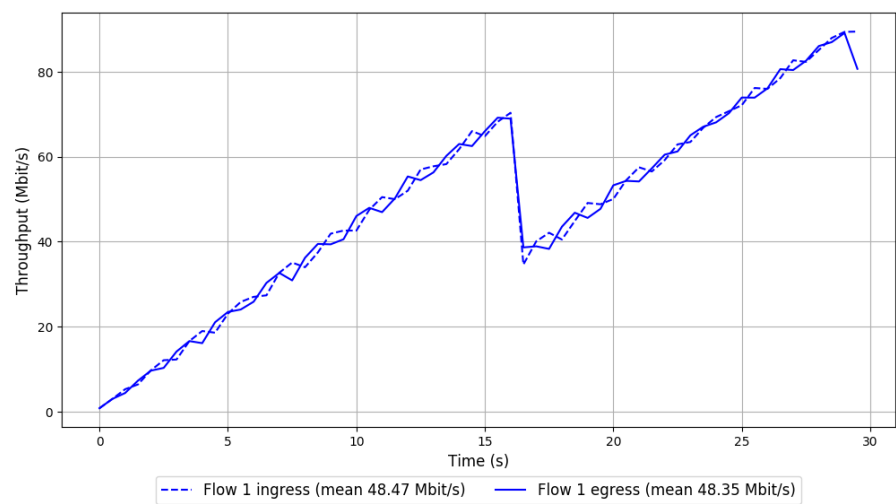


Run 9: Statistics of LEDBAT

Start at: 2017-09-03 03:49:08
End at: 2017-09-03 03:49:38
Local clock offset: -0.297 ms
Remote clock offset: -1.851 ms

Below is generated by plot.py at 2017-09-03 08:13:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 26.198 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 26.198 ms
Loss rate: 0.48%

Run 9: Report of LEDBAT — Data Link

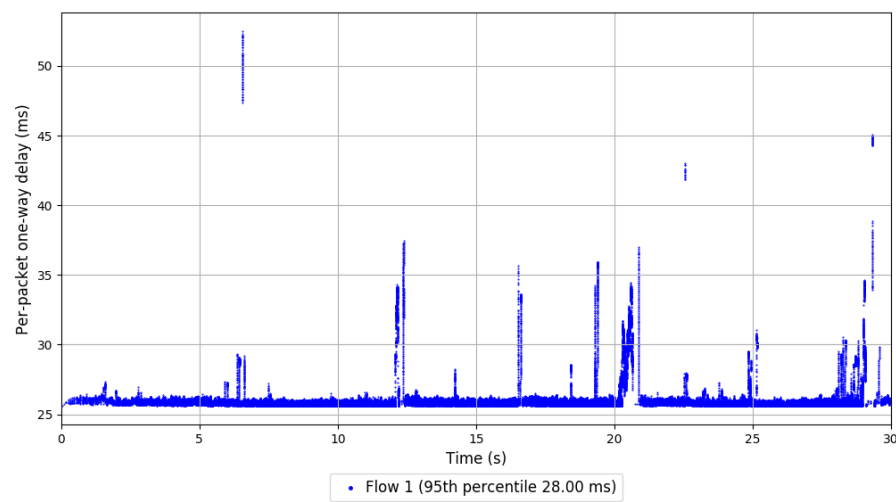
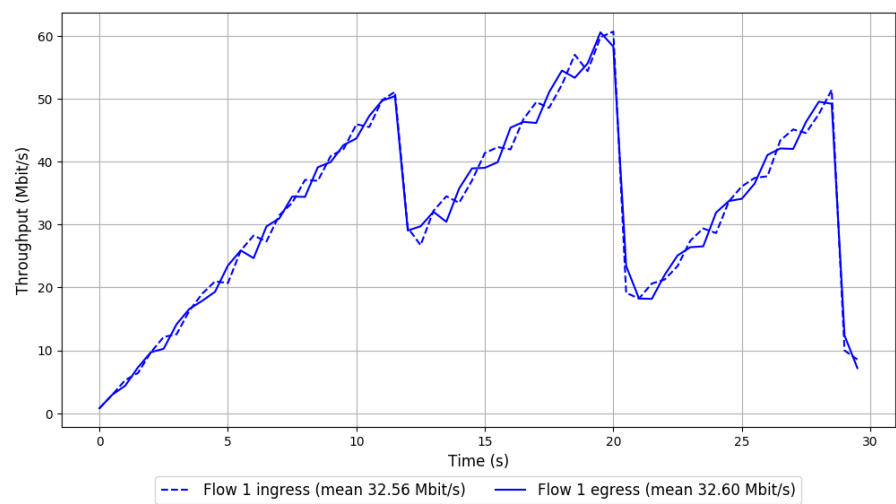


Run 10: Statistics of LEDBAT

Start at: 2017-09-03 04:09:21
End at: 2017-09-03 04:09:51
Local clock offset: -0.114 ms
Remote clock offset: -1.936 ms

Below is generated by plot.py at 2017-09-03 08:13:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 27.998 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 27.998 ms
Loss rate: 0.11%

Run 10: Report of LEDBAT — Data Link

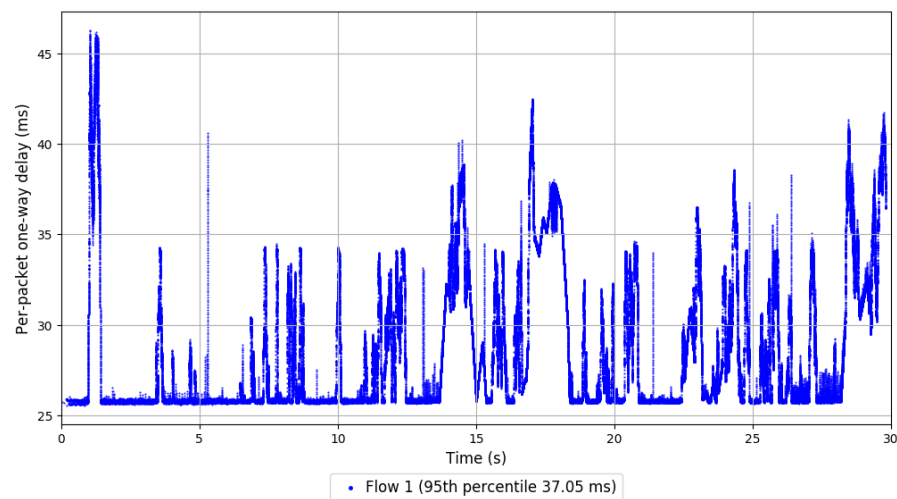
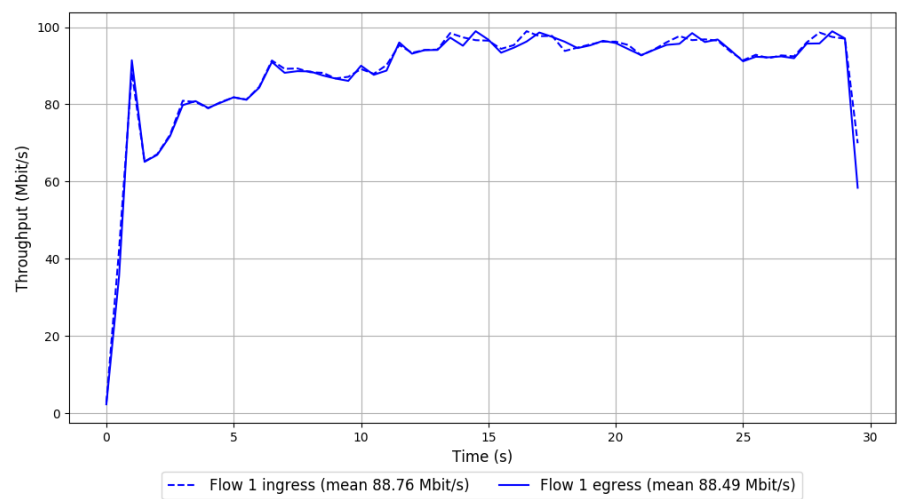


Run 1: Statistics of PCC

Start at: 2017-09-03 01:04:34
End at: 2017-09-03 01:05:04
Local clock offset: 0.992 ms
Remote clock offset: -2.896 ms

Below is generated by plot.py at 2017-09-03 08:13:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 37.051 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 37.051 ms
Loss rate: 0.55%

Run 1: Report of PCC — Data Link

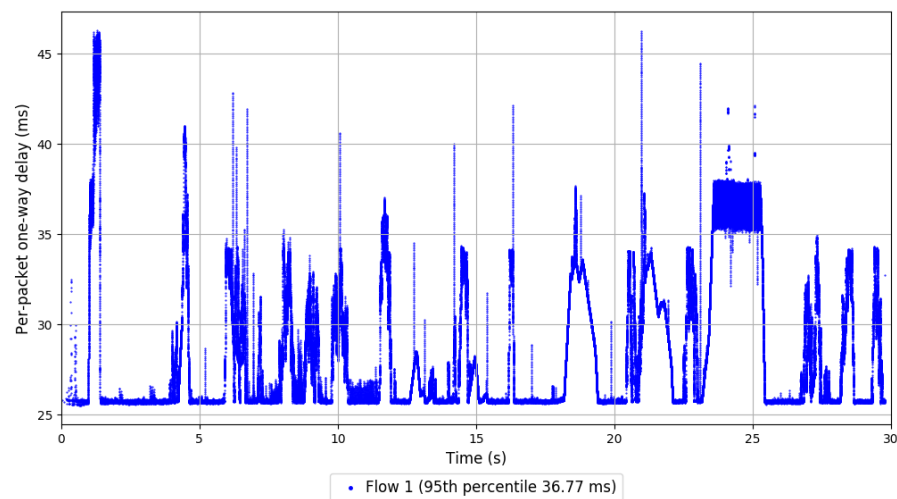
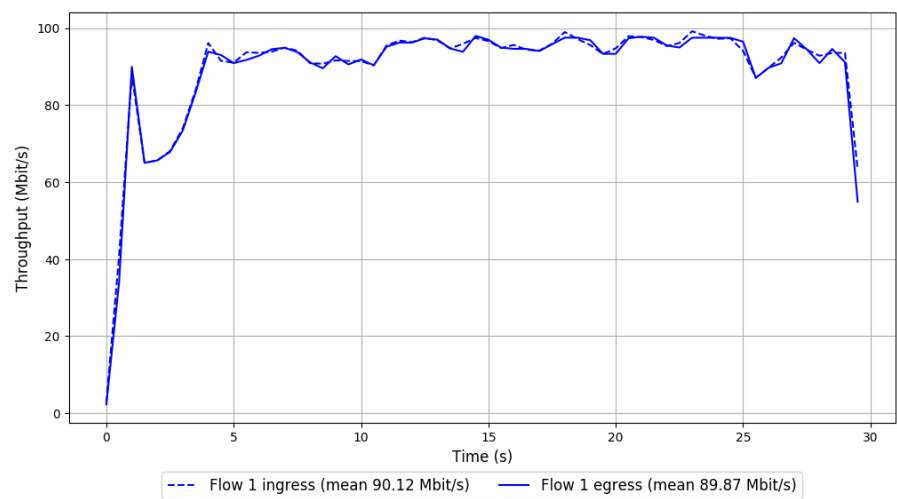


Run 2: Statistics of PCC

Start at: 2017-09-03 01:24:52
End at: 2017-09-03 01:25:22
Local clock offset: 0.853 ms
Remote clock offset: -2.647 ms

Below is generated by plot.py at 2017-09-03 08:13:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.87 Mbit/s
95th percentile per-packet one-way delay: 36.773 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 89.87 Mbit/s
95th percentile per-packet one-way delay: 36.773 ms
Loss rate: 0.50%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-09-03 01:45:37

End at: 2017-09-03 01:46:07

Local clock offset: 0.861 ms

Remote clock offset: 0.306 ms

Below is generated by plot.py at 2017-09-03 08:14:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 35.007 ms

Loss rate: 0.49%

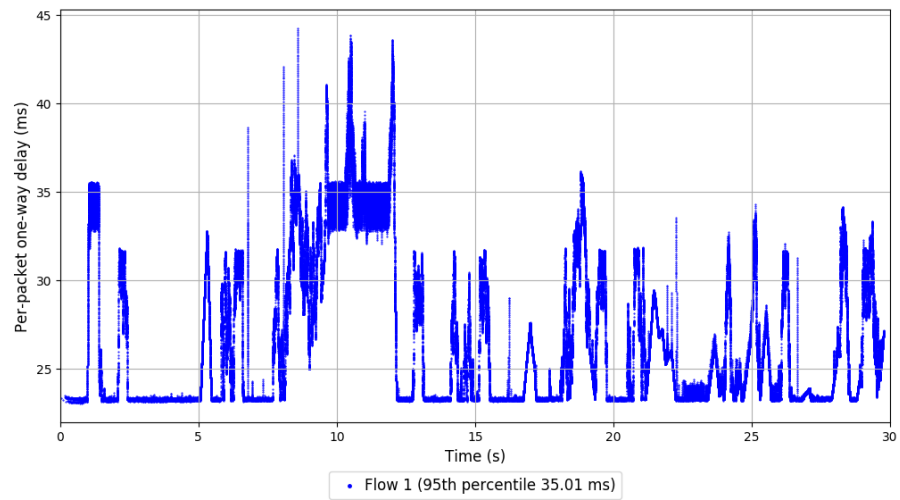
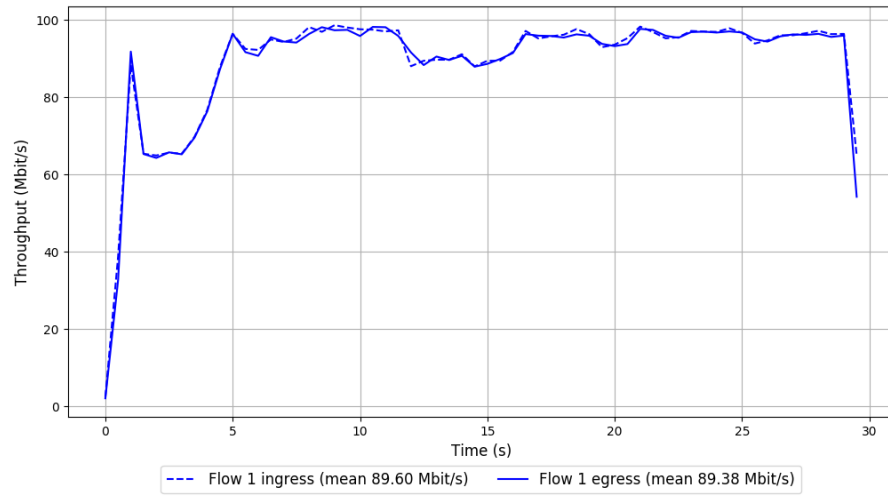
-- Flow 1:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 35.007 ms

Loss rate: 0.49%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-09-03 02:06:12

End at: 2017-09-03 02:06:42

Local clock offset: 0.586 ms

Remote clock offset: 0.34 ms

Below is generated by plot.py at 2017-09-03 08:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.93 Mbit/s

95th percentile per-packet one-way delay: 37.972 ms

Loss rate: 1.28%

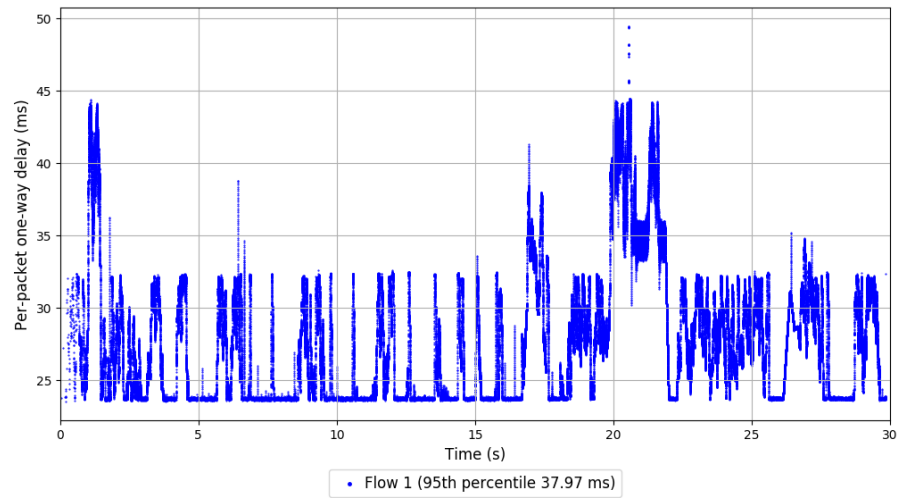
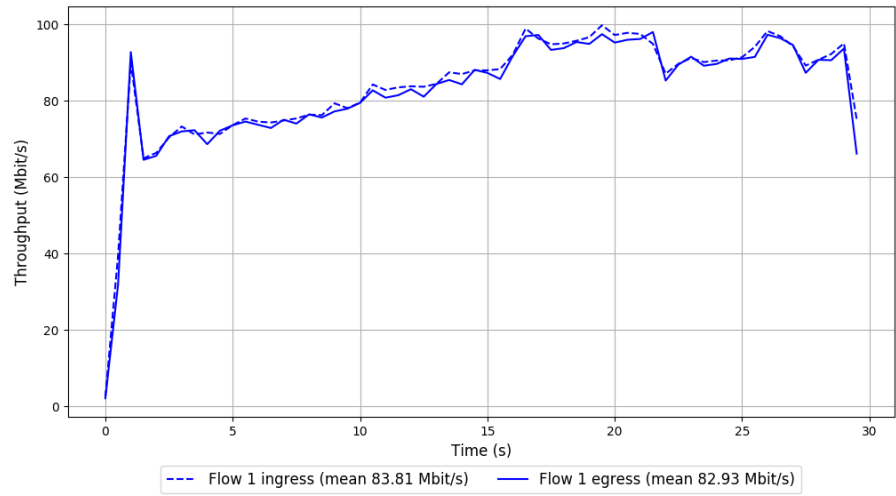
-- Flow 1:

Average throughput: 82.93 Mbit/s

95th percentile per-packet one-way delay: 37.972 ms

Loss rate: 1.28%

Run 4: Report of PCC — Data Link

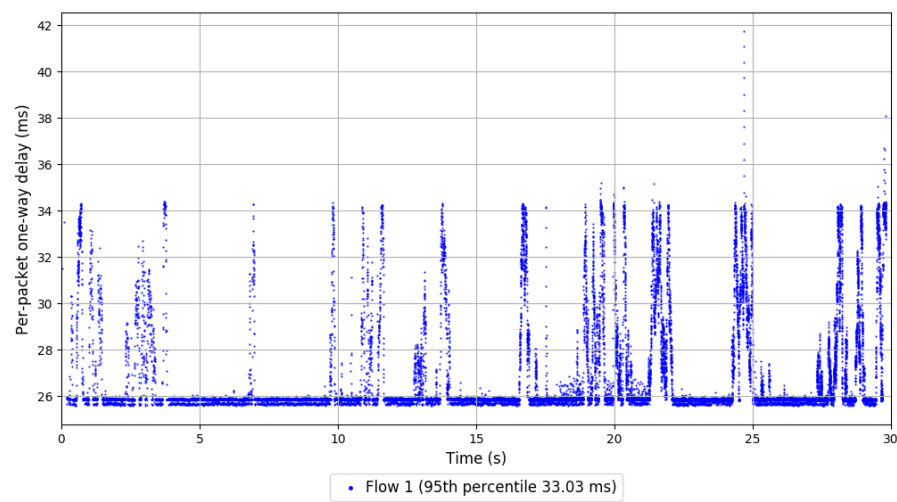
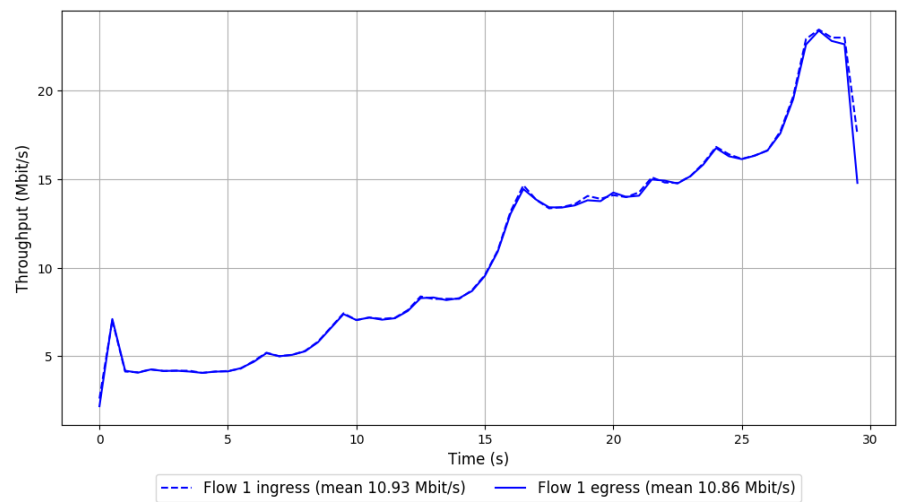


Run 5: Statistics of PCC

Start at: 2017-09-03 02:26:42
End at: 2017-09-03 02:27:12
Local clock offset: 0.021 ms
Remote clock offset: -1.602 ms

Below is generated by plot.py at 2017-09-03 08:14:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 33.035 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 33.035 ms
Loss rate: 0.91%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-09-03 02:47:01

End at: 2017-09-03 02:47:31

Local clock offset: -0.314 ms

Remote clock offset: 1.003 ms

Below is generated by plot.py at 2017-09-03 08:14:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.50 Mbit/s

95th percentile per-packet one-way delay: 34.632 ms

Loss rate: 0.40%

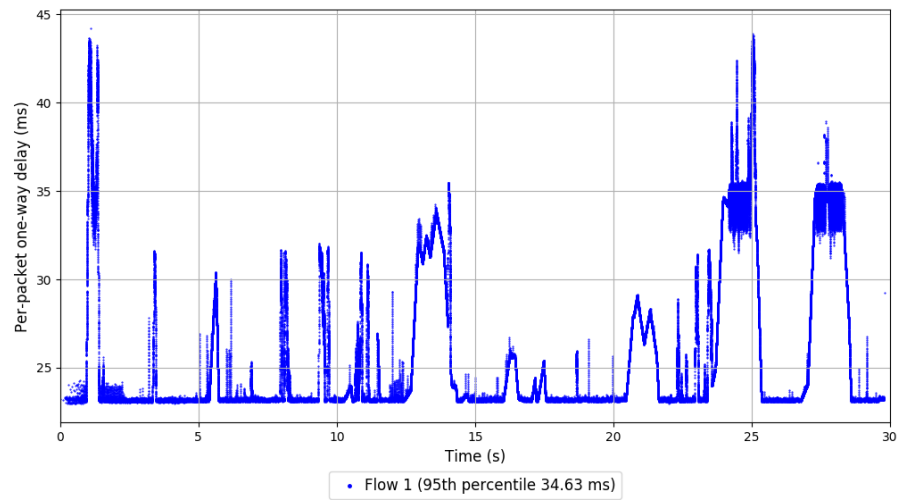
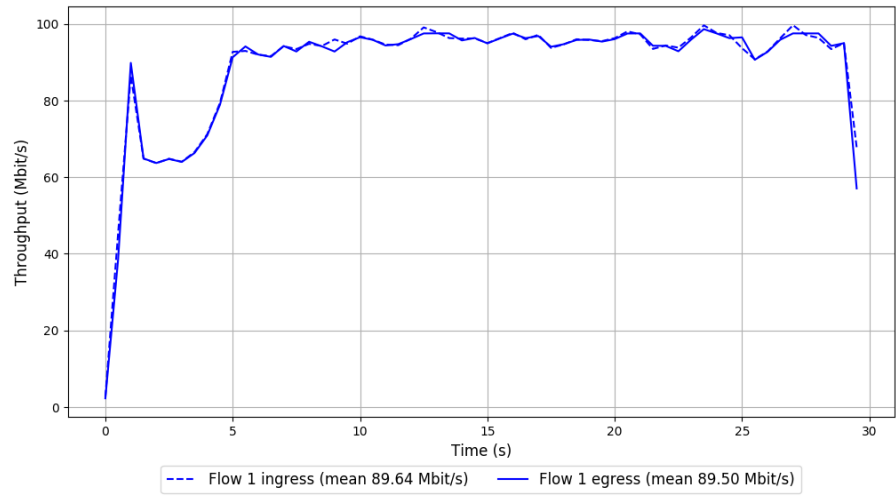
-- Flow 1:

Average throughput: 89.50 Mbit/s

95th percentile per-packet one-way delay: 34.632 ms

Loss rate: 0.40%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-09-03 03:07:14

End at: 2017-09-03 03:07:44

Local clock offset: -0.593 ms

Remote clock offset: 0.863 ms

Below is generated by plot.py at 2017-09-03 08:14:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.02 Mbit/s

95th percentile per-packet one-way delay: 29.325 ms

Loss rate: 0.34%

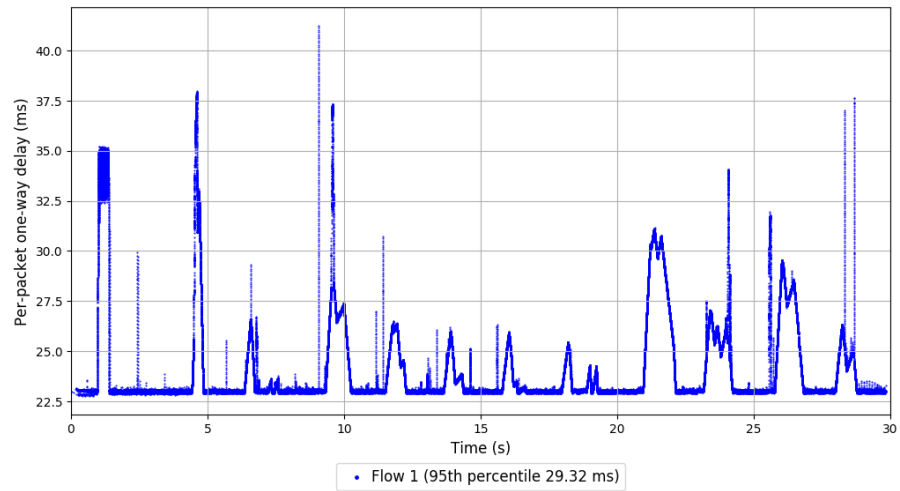
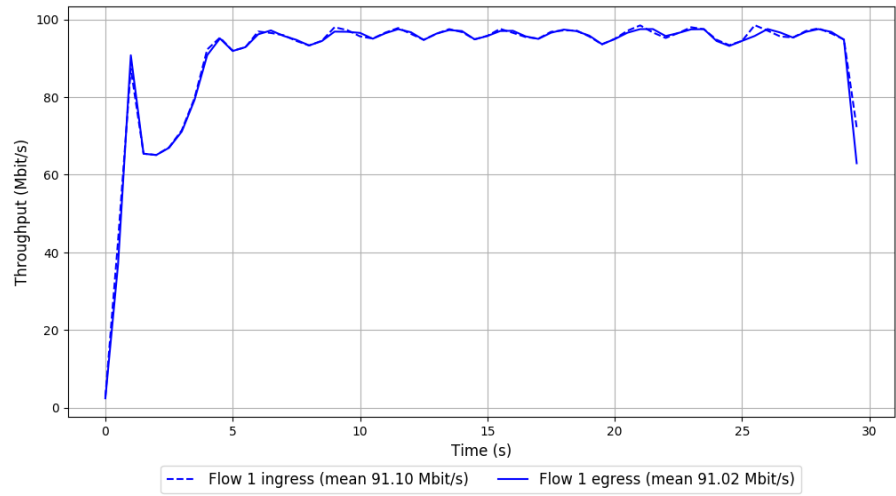
-- Flow 1:

Average throughput: 91.02 Mbit/s

95th percentile per-packet one-way delay: 29.325 ms

Loss rate: 0.34%

Run 7: Report of PCC — Data Link

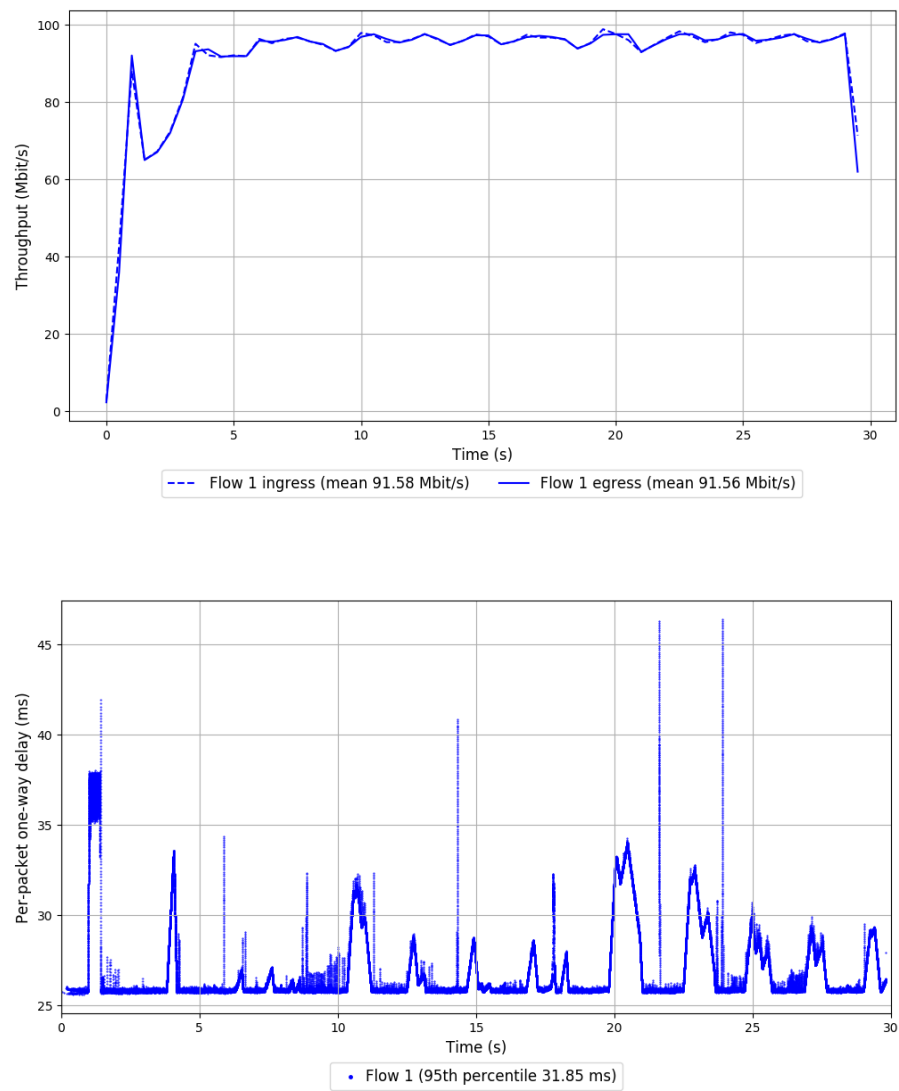


Run 8: Statistics of PCC

Start at: 2017-09-03 03:27:36
End at: 2017-09-03 03:28:06
Local clock offset: -0.409 ms
Remote clock offset: -1.996 ms

Below is generated by plot.py at 2017-09-03 08:14:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 31.853 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 31.853 ms
Loss rate: 0.27%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-09-03 03:47:47

End at: 2017-09-03 03:48:17

Local clock offset: -0.384 ms

Remote clock offset: 0.041 ms

Below is generated by plot.py at 2017-09-03 08:14:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 34.378 ms

Loss rate: 0.27%

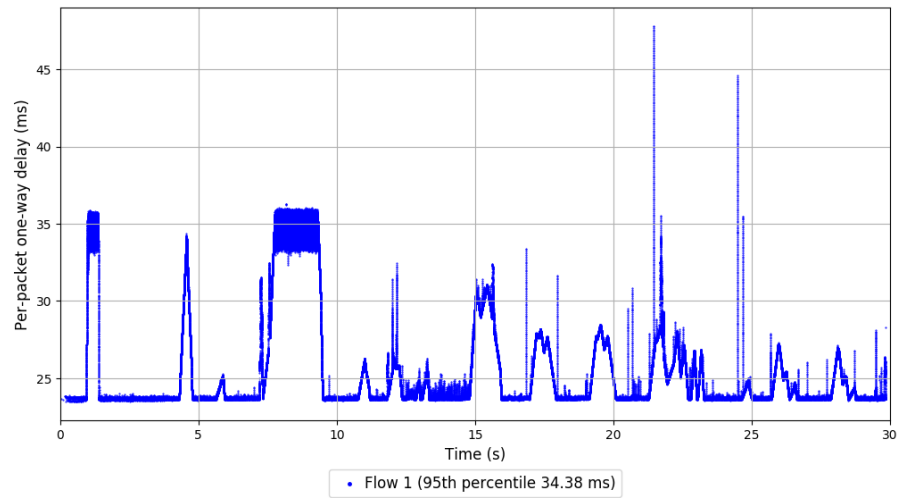
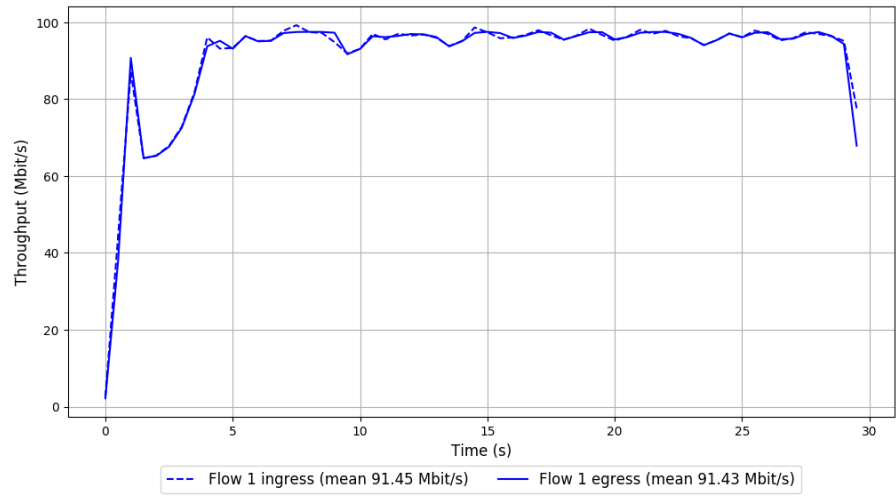
-- Flow 1:

Average throughput: 91.43 Mbit/s

95th percentile per-packet one-way delay: 34.378 ms

Loss rate: 0.27%

Run 9: Report of PCC — Data Link

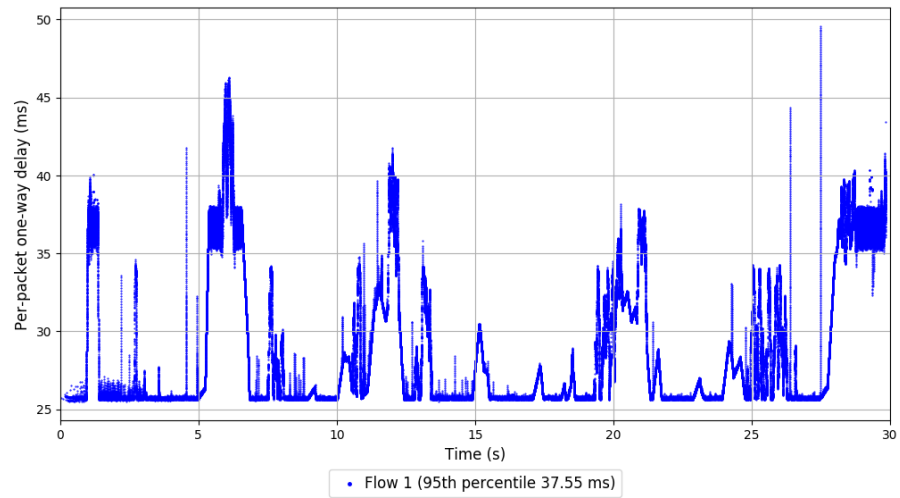
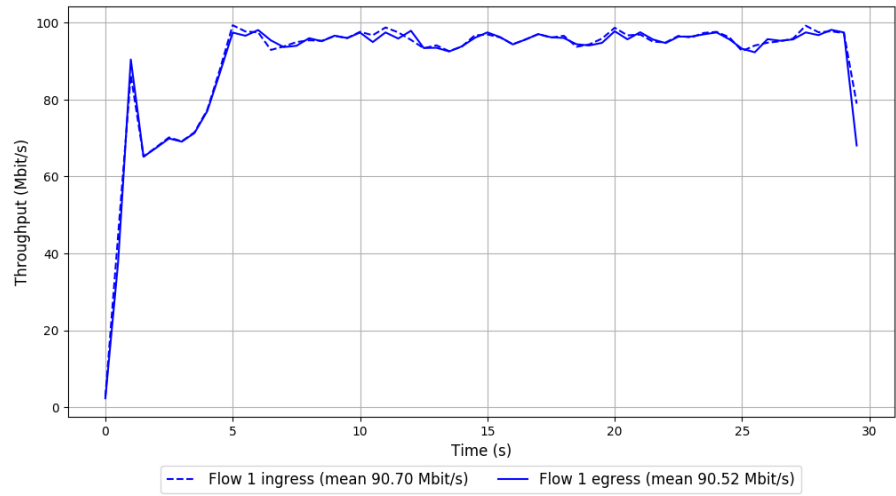


Run 10: Statistics of PCC

Start at: 2017-09-03 04:08:00
End at: 2017-09-03 04:08:30
Local clock offset: -0.103 ms
Remote clock offset: -2.003 ms

Below is generated by plot.py at 2017-09-03 08:14:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 37.553 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 37.553 ms
Loss rate: 0.47%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

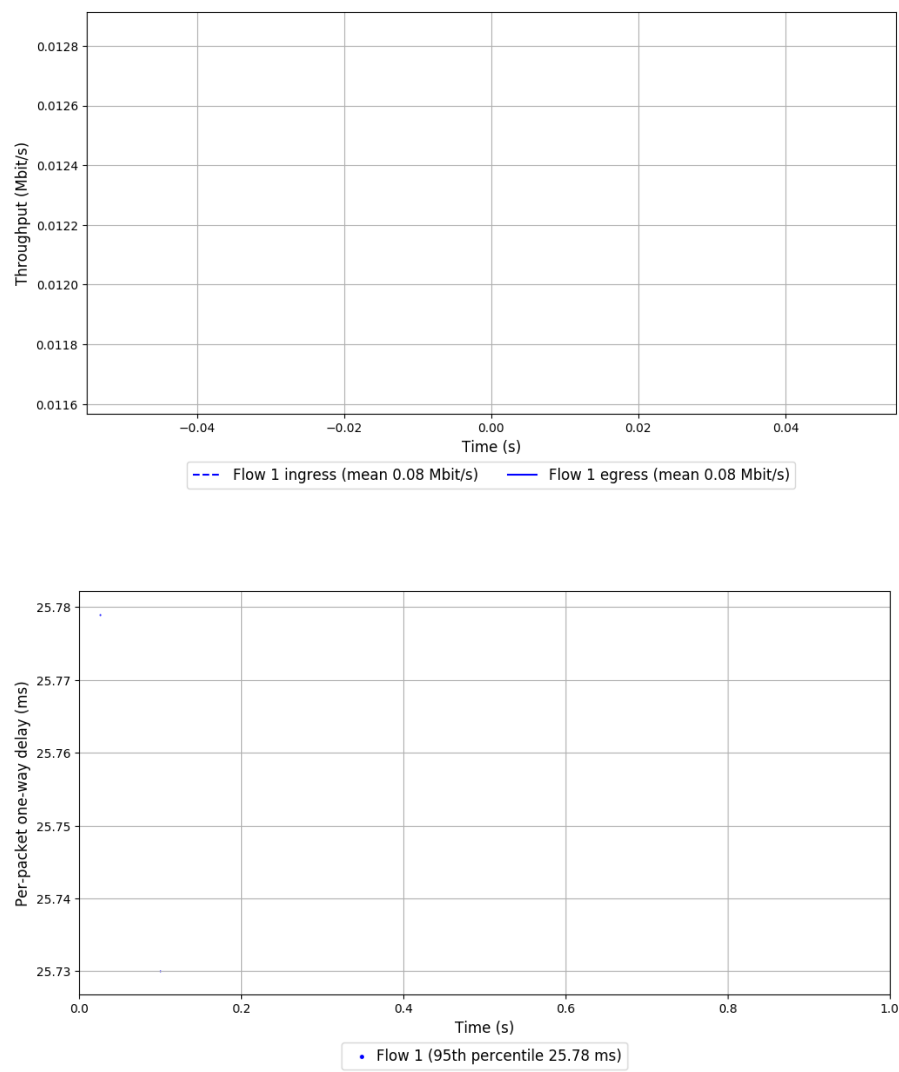
Start at: 2017-09-03 01:03:17

End at: 2017-09-03 01:03:47

Local clock offset: 1.012 ms

Remote clock offset: -2.906 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-03 01:23:31

End at: 2017-09-03 01:24:01

Local clock offset: 0.858 ms

Remote clock offset: -2.568 ms

Below is generated by plot.py at 2017-09-03 08:14:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 30.883 ms

Loss rate: 0.32%

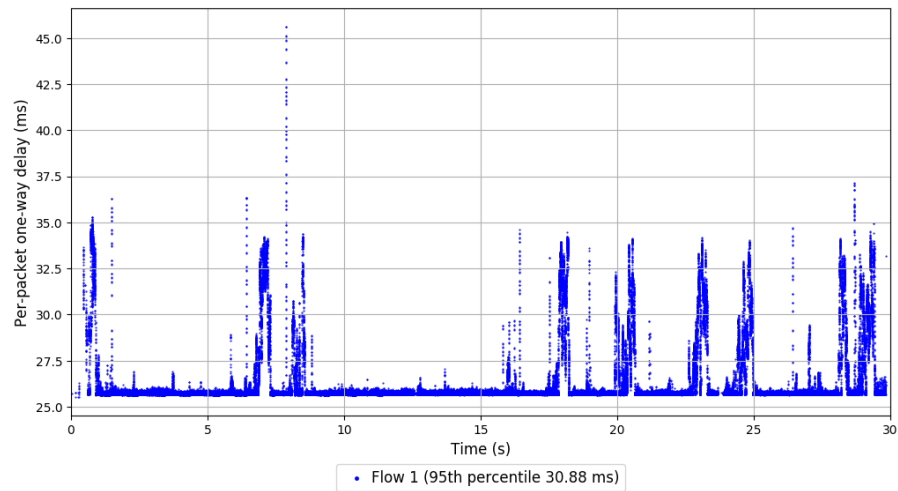
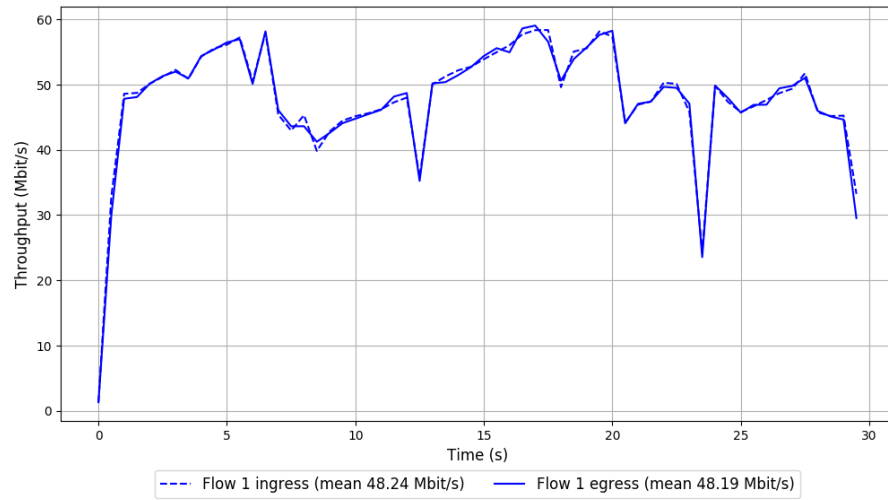
-- Flow 1:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 30.883 ms

Loss rate: 0.32%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-03 01:44:12

End at: 2017-09-03 01:44:42

Local clock offset: 0.779 ms

Remote clock offset: -2.169 ms

Below is generated by plot.py at 2017-09-03 08:14:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.28 Mbit/s

95th percentile per-packet one-way delay: 40.515 ms

Loss rate: 0.49%

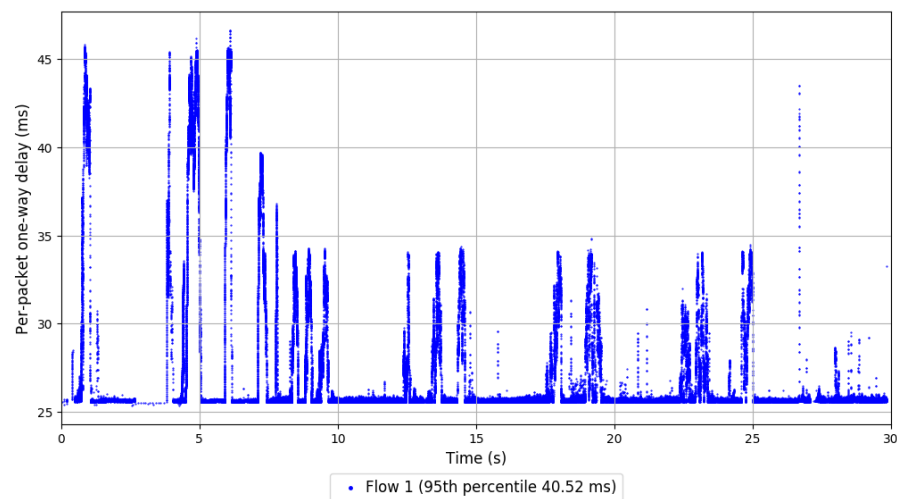
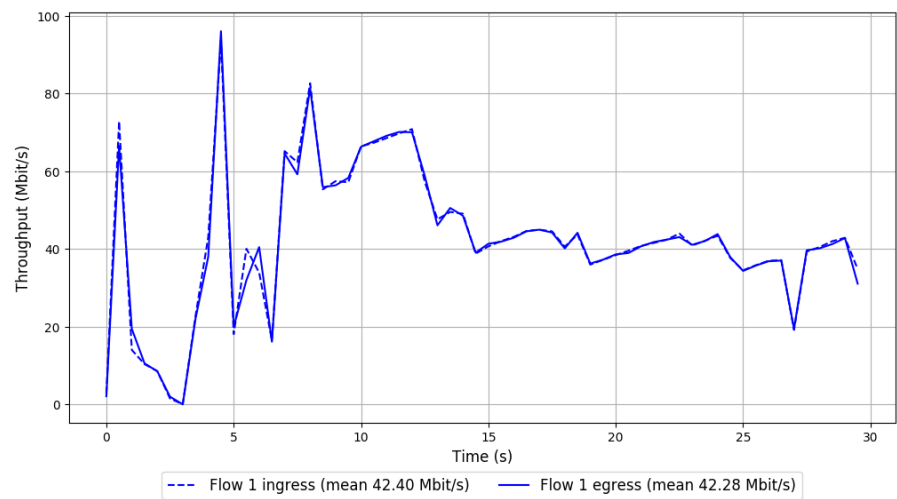
-- Flow 1:

Average throughput: 42.28 Mbit/s

95th percentile per-packet one-way delay: 40.515 ms

Loss rate: 0.49%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-03 02:04:47

End at: 2017-09-03 02:05:17

Local clock offset: 0.552 ms

Remote clock offset: 0.318 ms

Below is generated by plot.py at 2017-09-03 08:14:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.68 Mbit/s

95th percentile per-packet one-way delay: 30.821 ms

Loss rate: 0.34%

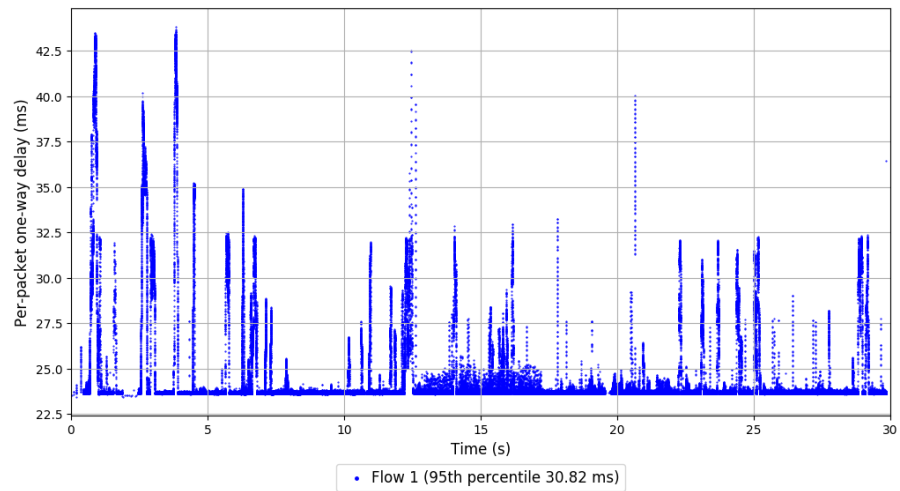
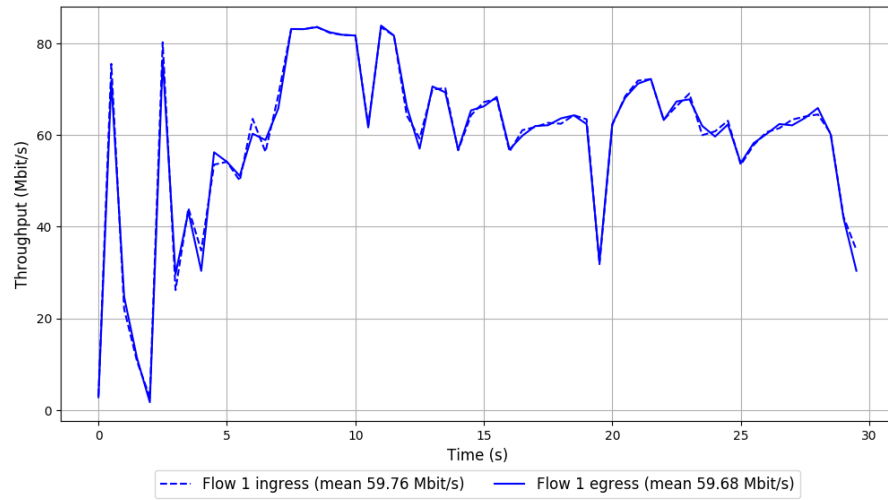
-- Flow 1:

Average throughput: 59.68 Mbit/s

95th percentile per-packet one-way delay: 30.821 ms

Loss rate: 0.34%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-03 02:25:20

End at: 2017-09-03 02:25:50

Local clock offset: 0.042 ms

Remote clock offset: -1.501 ms

Below is generated by plot.py at 2017-09-03 08:14:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.62 Mbit/s

95th percentile per-packet one-way delay: 37.479 ms

Loss rate: 0.54%

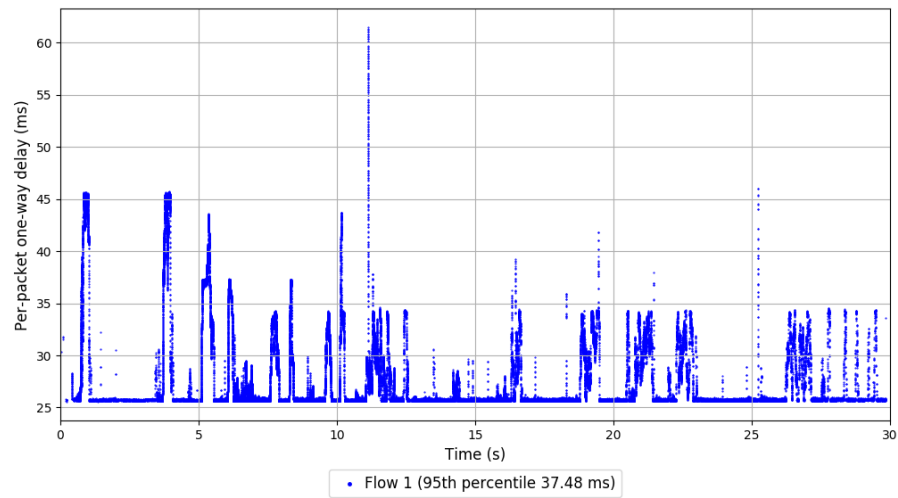
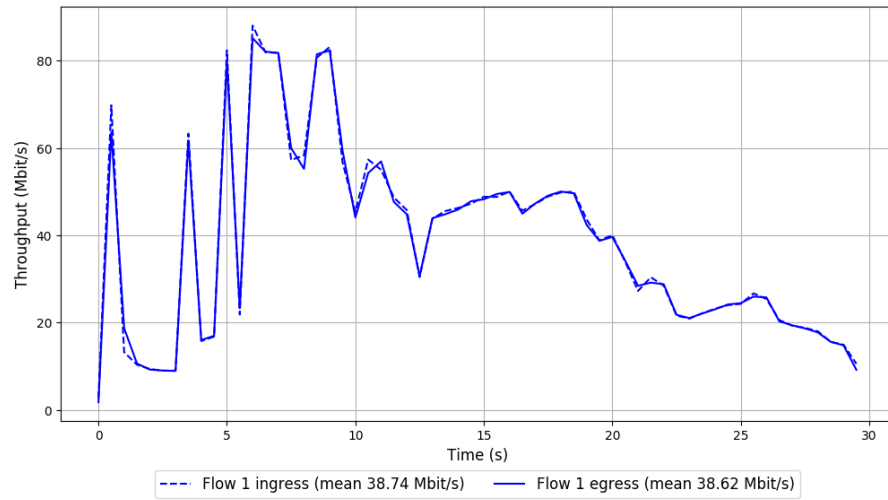
-- Flow 1:

Average throughput: 38.62 Mbit/s

95th percentile per-packet one-way delay: 37.479 ms

Loss rate: 0.54%

Run 5: Report of QUIC Cubic — Data Link

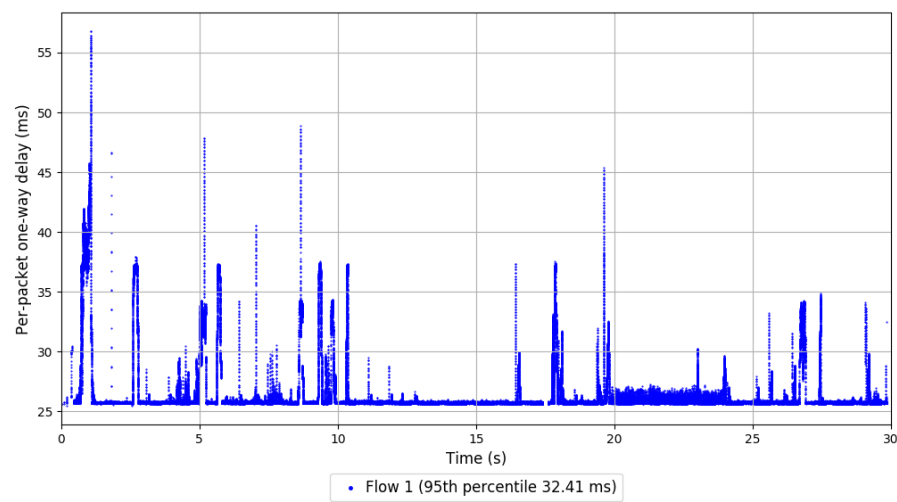
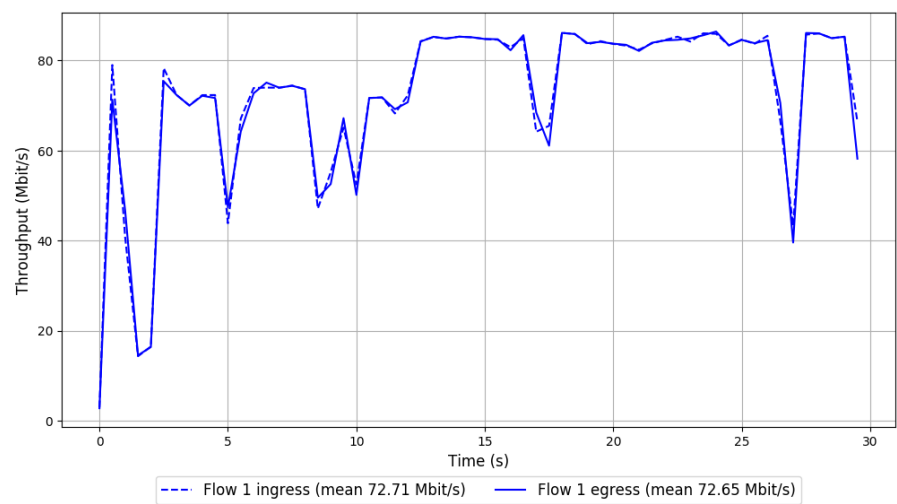


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-03 02:45:40
End at: 2017-09-03 02:46:10
Local clock offset: -0.314 ms
Remote clock offset: -1.532 ms

Below is generated by plot.py at 2017-09-03 08:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.65 Mbit/s
95th percentile per-packet one-way delay: 32.414 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 72.65 Mbit/s
95th percentile per-packet one-way delay: 32.414 ms
Loss rate: 0.33%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-03 03:05:53

End at: 2017-09-03 03:06:23

Local clock offset: -0.594 ms

Remote clock offset: 0.742 ms

Below is generated by plot.py at 2017-09-03 08:15:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.50 Mbit/s

95th percentile per-packet one-way delay: 34.635 ms

Loss rate: 0.34%

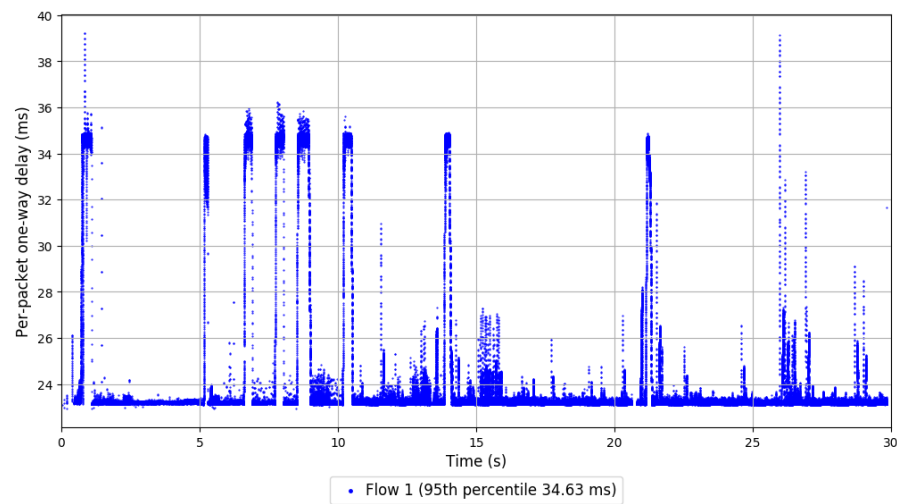
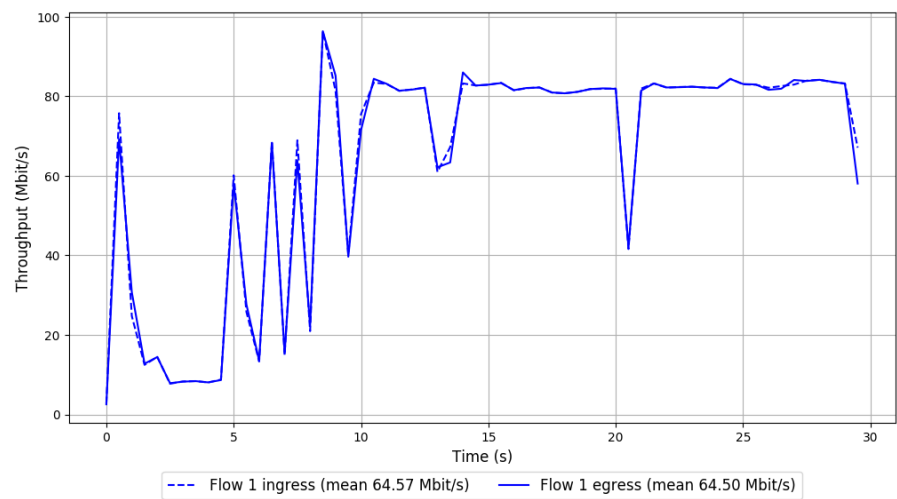
-- Flow 1:

Average throughput: 64.50 Mbit/s

95th percentile per-packet one-way delay: 34.635 ms

Loss rate: 0.34%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-03 03:26:15

End at: 2017-09-03 03:26:45

Local clock offset: -0.461 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2017-09-03 08:15:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.48 Mbit/s

95th percentile per-packet one-way delay: 26.016 ms

Loss rate: 0.29%

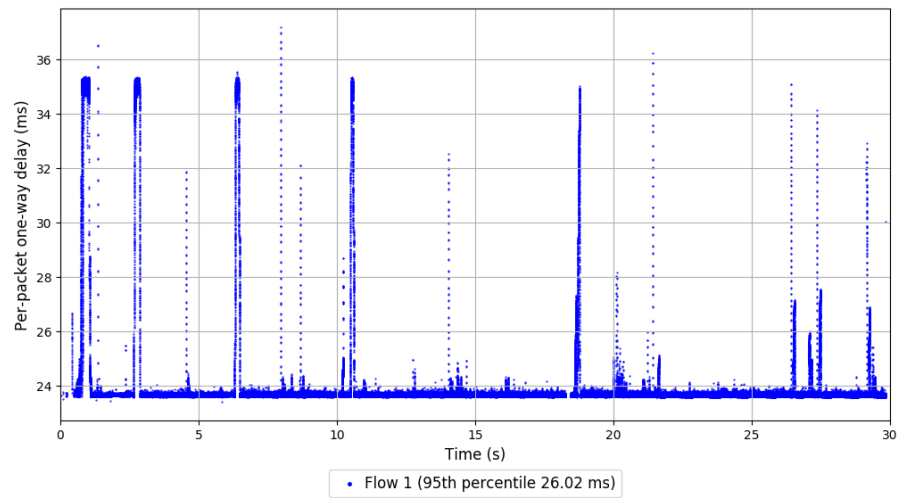
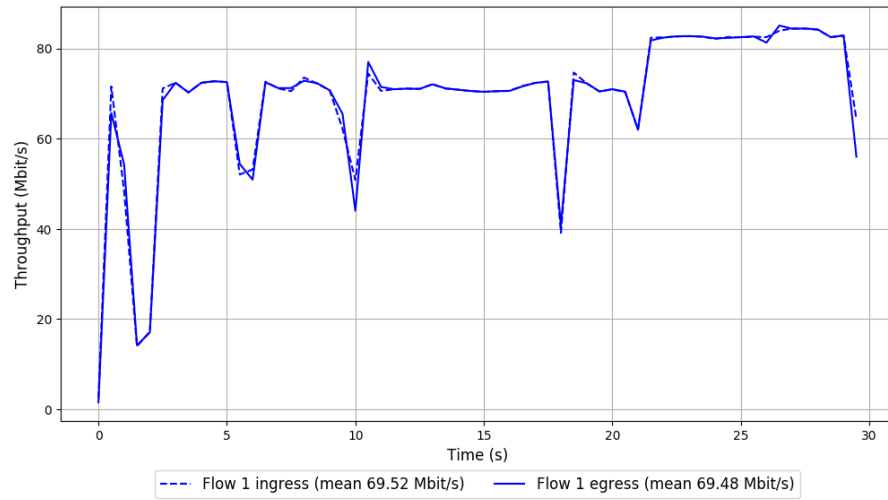
-- Flow 1:

Average throughput: 69.48 Mbit/s

95th percentile per-packet one-way delay: 26.016 ms

Loss rate: 0.29%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-03 03:46:27

End at: 2017-09-03 03:46:57

Local clock offset: -0.299 ms

Remote clock offset: 0.613 ms

Below is generated by plot.py at 2017-09-03 08:15:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.97 Mbit/s

95th percentile per-packet one-way delay: 34.523 ms

Loss rate: 0.44%

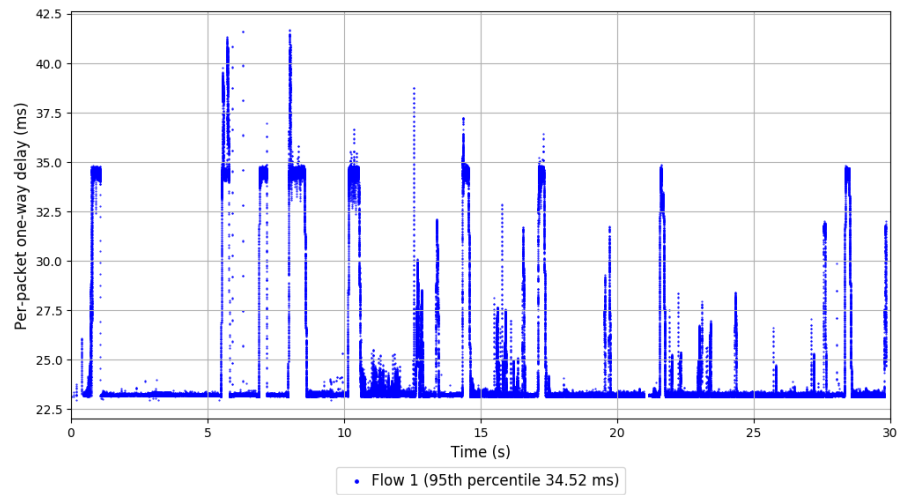
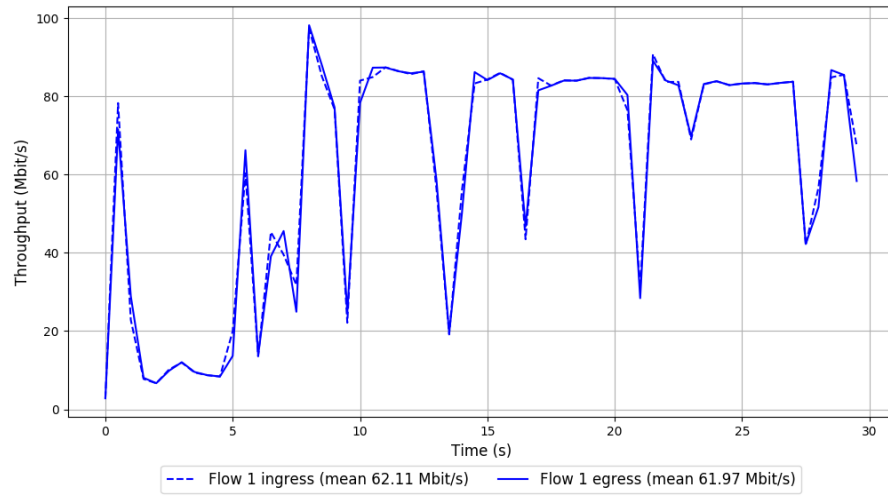
-- Flow 1:

Average throughput: 61.97 Mbit/s

95th percentile per-packet one-way delay: 34.523 ms

Loss rate: 0.44%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-03 04:06:39

End at: 2017-09-03 04:07:09

Local clock offset: -0.11 ms

Remote clock offset: -2.034 ms

Below is generated by plot.py at 2017-09-03 08:15:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.46 Mbit/s

95th percentile per-packet one-way delay: 34.125 ms

Loss rate: 0.37%

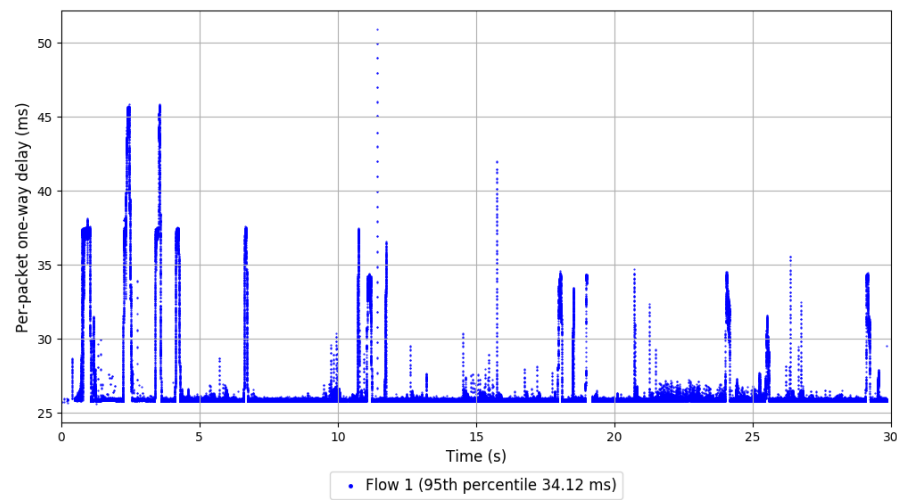
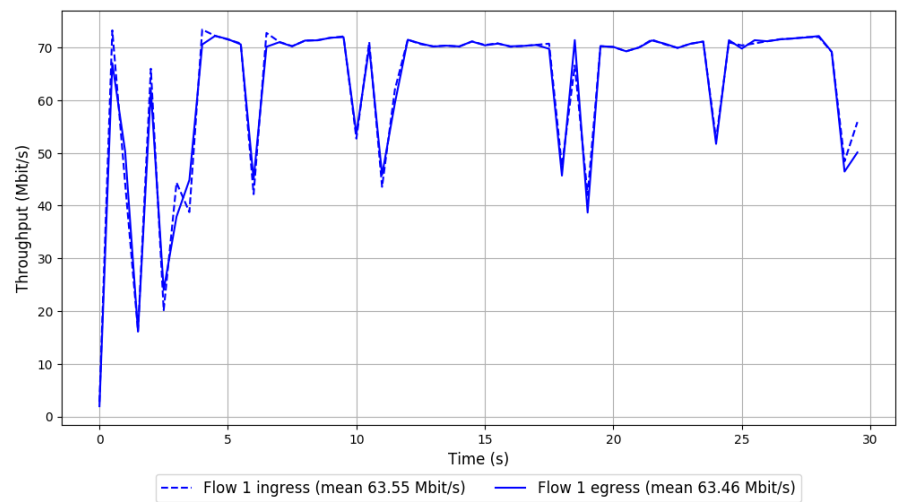
-- Flow 1:

Average throughput: 63.46 Mbit/s

95th percentile per-packet one-way delay: 34.125 ms

Loss rate: 0.37%

Run 10: Report of QUIC Cubic — Data Link

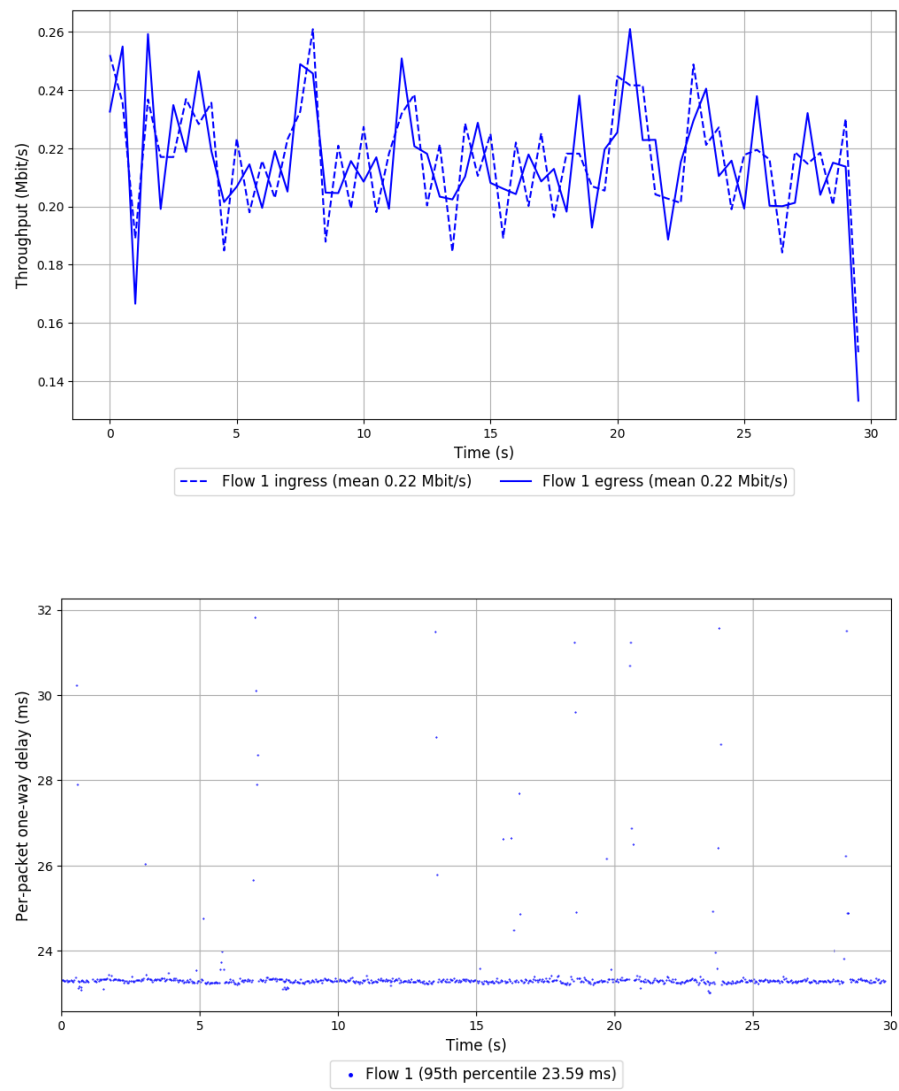


```
Run 1: Statistics of SCReAM

Start at: 2017-09-03 00:55:20
End at: 2017-09-03 00:55:50
Local clock offset: 1.018 ms
Remote clock offset: -0.245 ms

# Below is generated by plot.py at 2017-09-03 08:15:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.595 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.595 ms
Loss rate: 0.25%
```

Run 1: Report of SReAM — Data Link

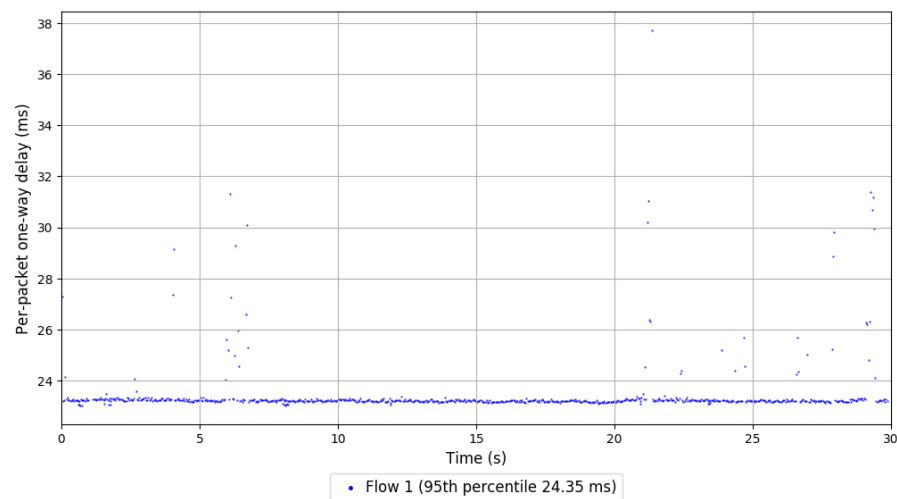
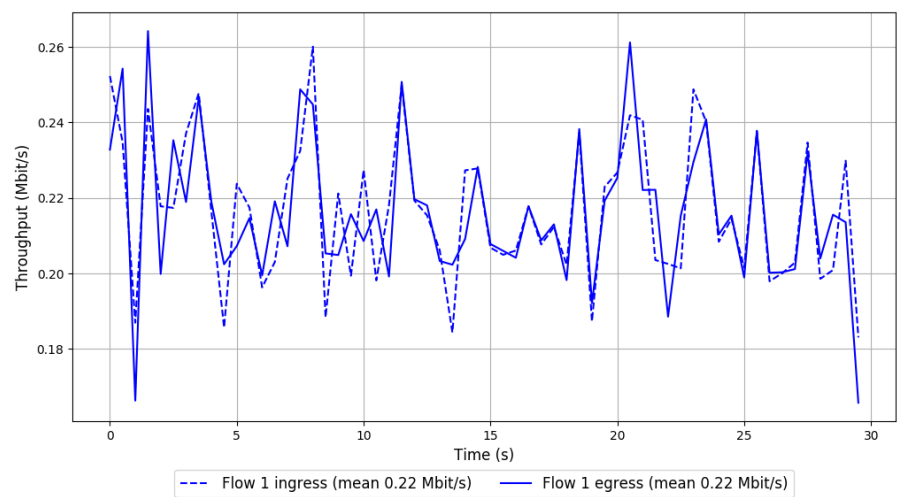


Run 2: Statistics of SCReAM

Start at: 2017-09-03 01:15:26
End at: 2017-09-03 01:15:56
Local clock offset: 0.829 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2017-09-03 08:15:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.348 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.348 ms
Loss rate: 0.26%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-09-03 01:36:00

End at: 2017-09-03 01:36:30

Local clock offset: 0.777 ms

Remote clock offset: 0.201 ms

Below is generated by plot.py at 2017-09-03 08:15:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 23.598 ms

Loss rate: 0.36%

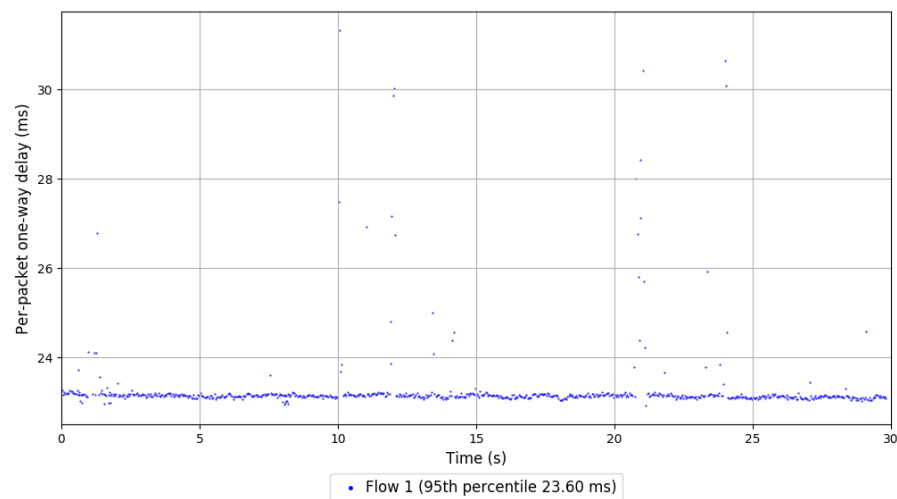
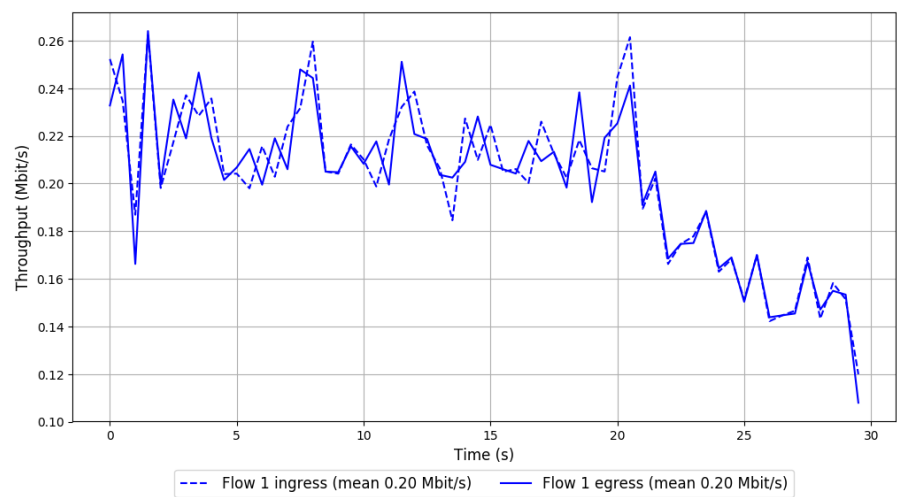
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 23.598 ms

Loss rate: 0.36%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-09-03 01:56:33

End at: 2017-09-03 01:57:03

Local clock offset: 0.81 ms

Remote clock offset: 0.176 ms

Below is generated by plot.py at 2017-09-03 08:15:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.850 ms

Loss rate: 0.25%

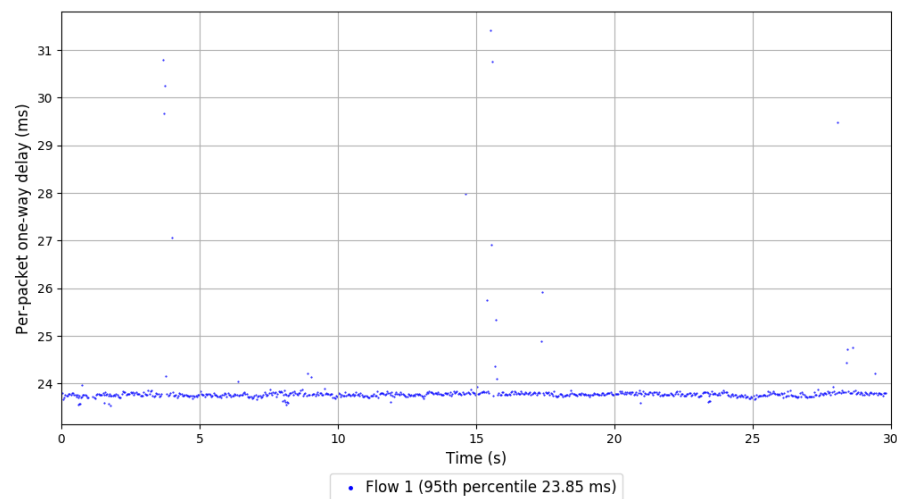
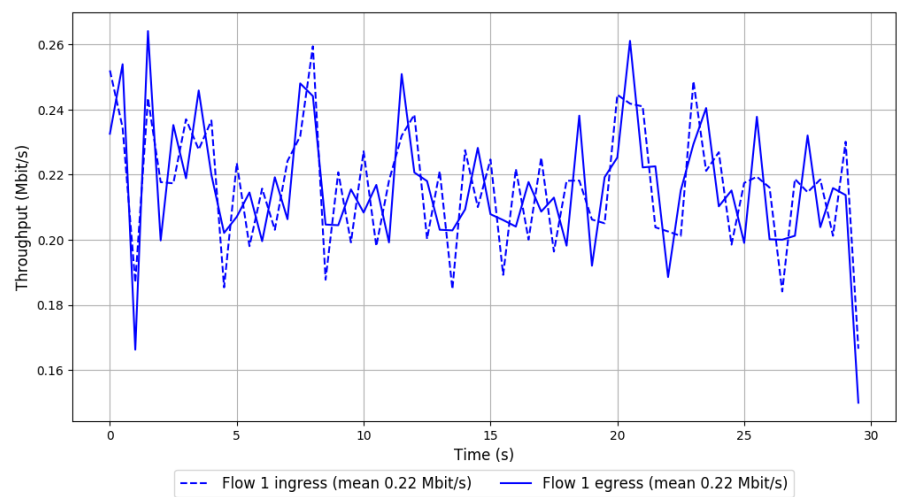
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.850 ms

Loss rate: 0.25%

Run 4: Report of SReAM — Data Link

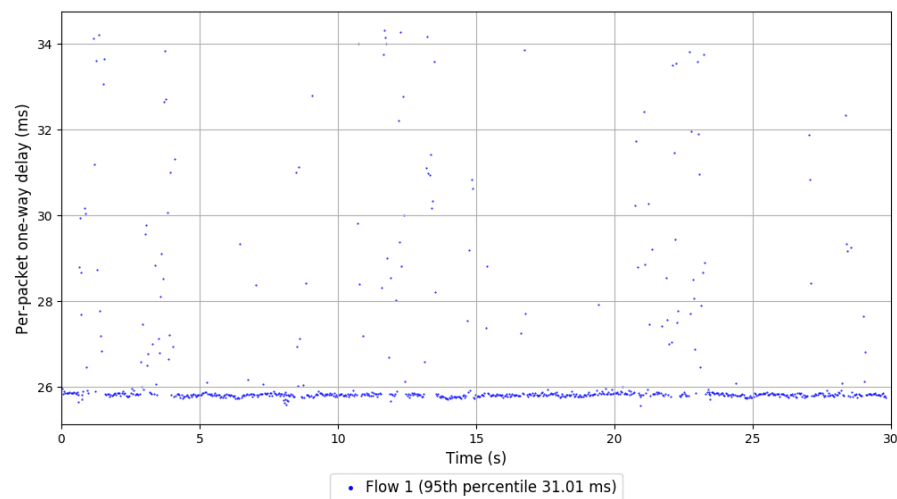
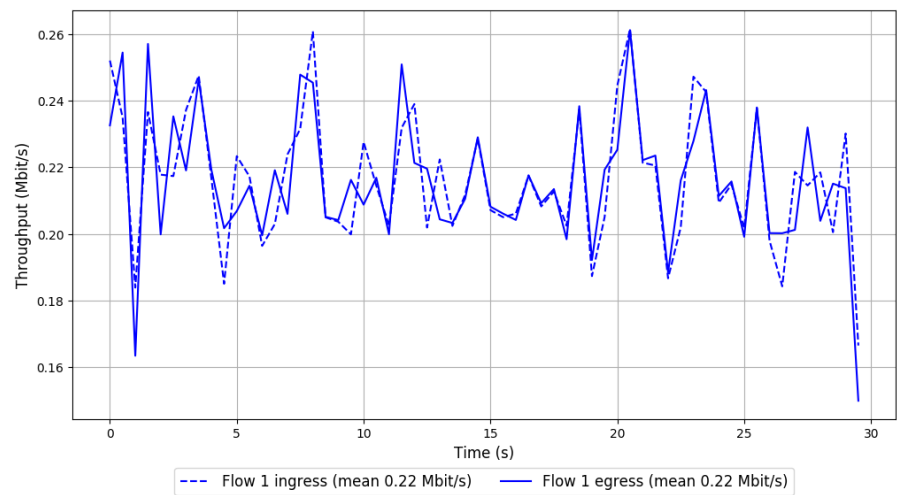


Run 5: Statistics of SCReAM

Start at: 2017-09-03 02:17:19
End at: 2017-09-03 02:17:49
Local clock offset: 0.286 ms
Remote clock offset: -1.566 ms

Below is generated by plot.py at 2017-09-03 08:15:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.010 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.010 ms
Loss rate: 0.25%

Run 5: Report of SReAM — Data Link

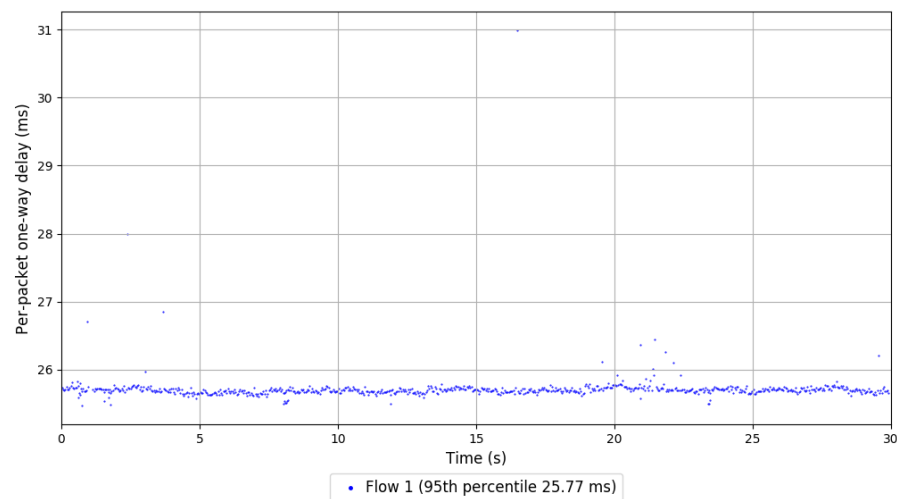
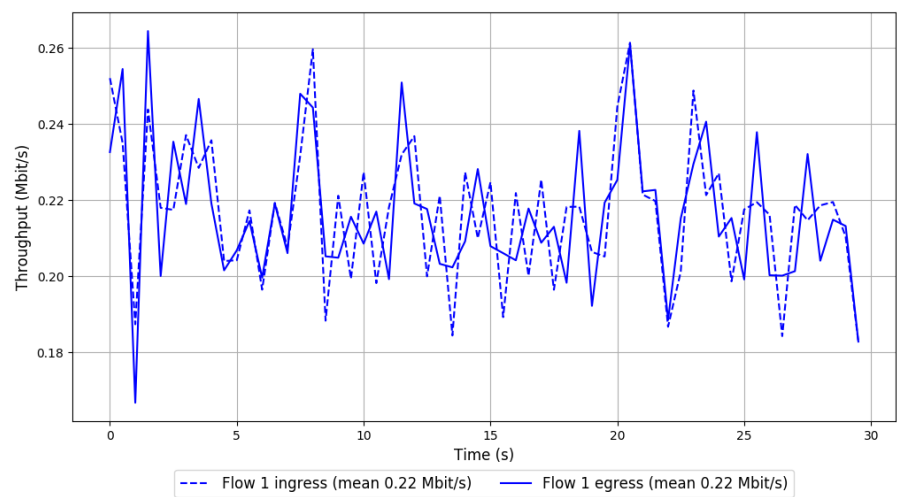


Run 6: Statistics of SCReAM

Start at: 2017-09-03 02:37:40
End at: 2017-09-03 02:38:10
Local clock offset: -0.117 ms
Remote clock offset: -1.379 ms

Below is generated by plot.py at 2017-09-03 08:15:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.767 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.767 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-09-03 02:57:52

End at: 2017-09-03 02:58:22

Local clock offset: -0.396 ms

Remote clock offset: 0.396 ms

Below is generated by plot.py at 2017-09-03 08:15:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.890 ms

Loss rate: 0.25%

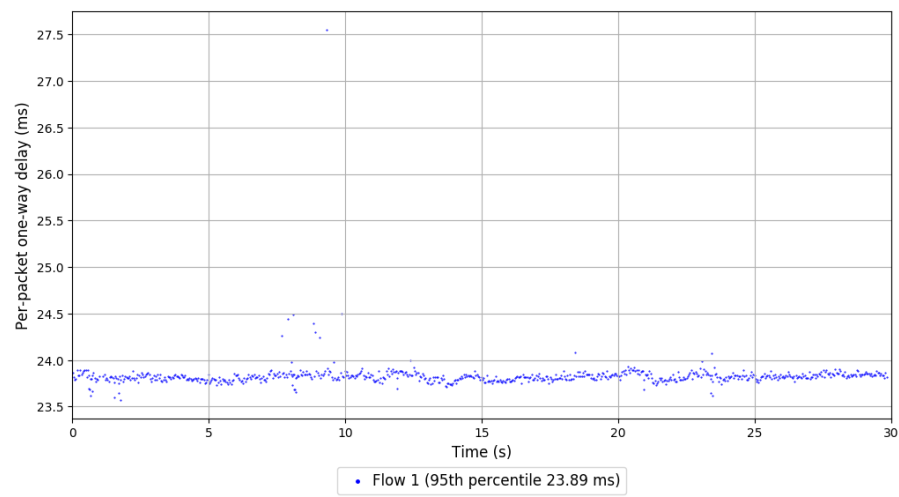
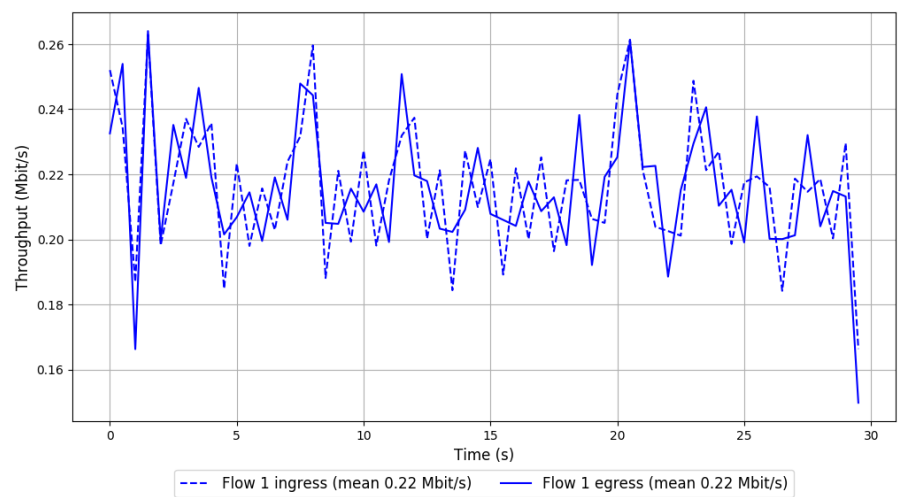
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.890 ms

Loss rate: 0.25%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-09-03 03:18:13

End at: 2017-09-03 03:18:43

Local clock offset: -0.405 ms

Remote clock offset: 0.766 ms

Below is generated by plot.py at 2017-09-03 08:15:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.368 ms

Loss rate: 0.13%

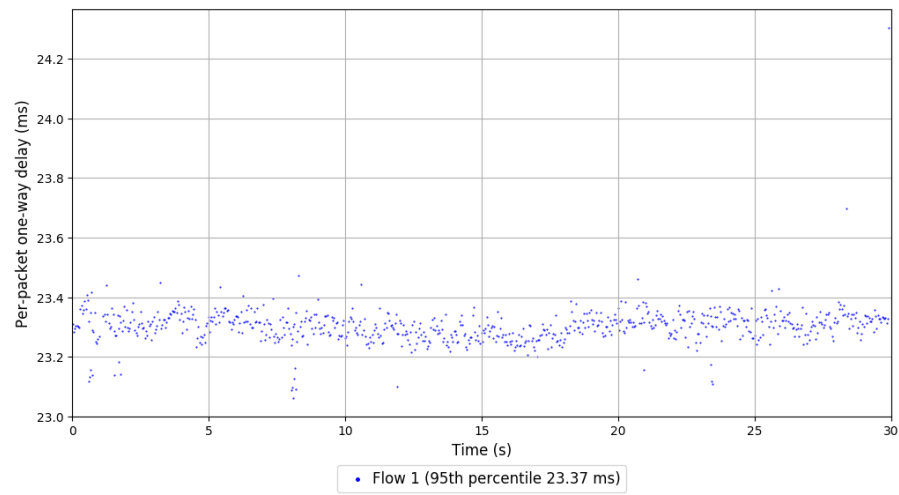
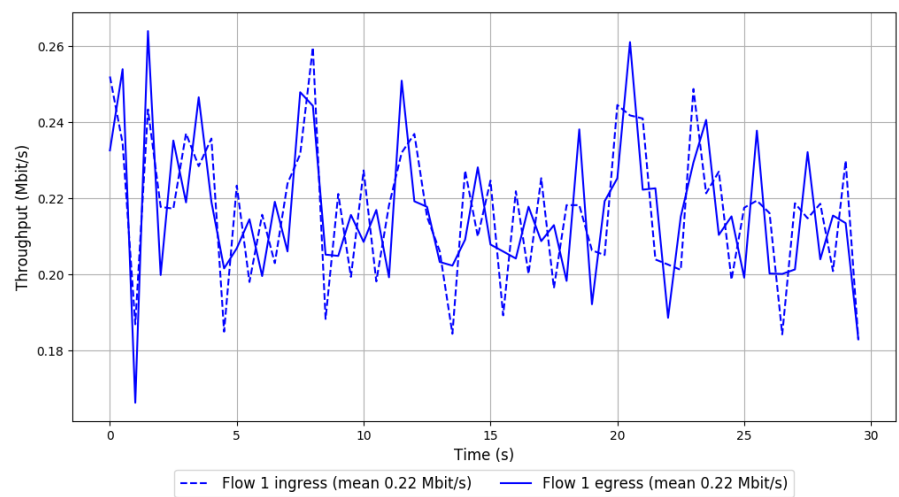
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.368 ms

Loss rate: 0.13%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-09-03 03:38:26

End at: 2017-09-03 03:38:56

Local clock offset: -0.454 ms

Remote clock offset: 0.191 ms

Below is generated by plot.py at 2017-09-03 08:15:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.712 ms

Loss rate: 0.13%

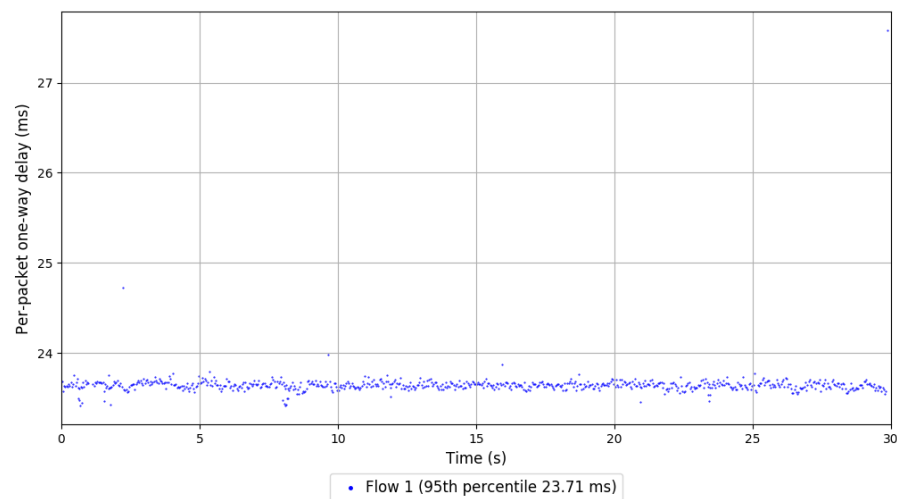
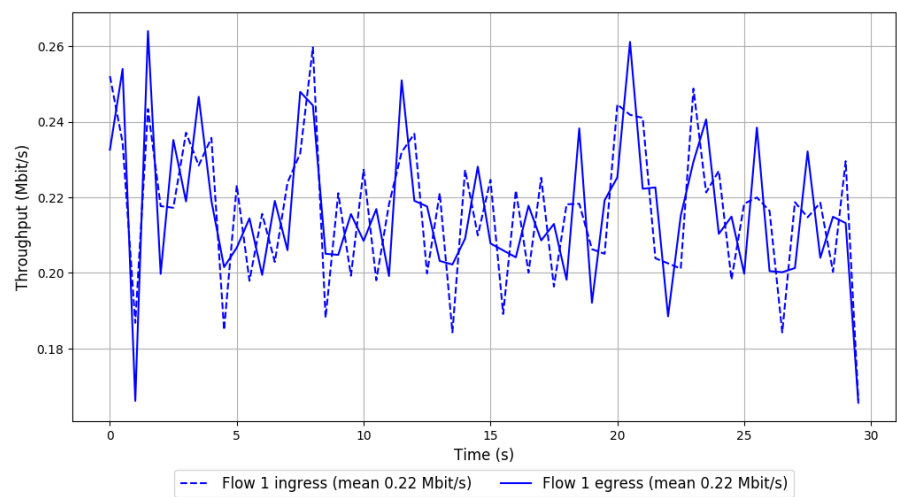
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 23.712 ms

Loss rate: 0.13%

Run 9: Report of SReAM — Data Link

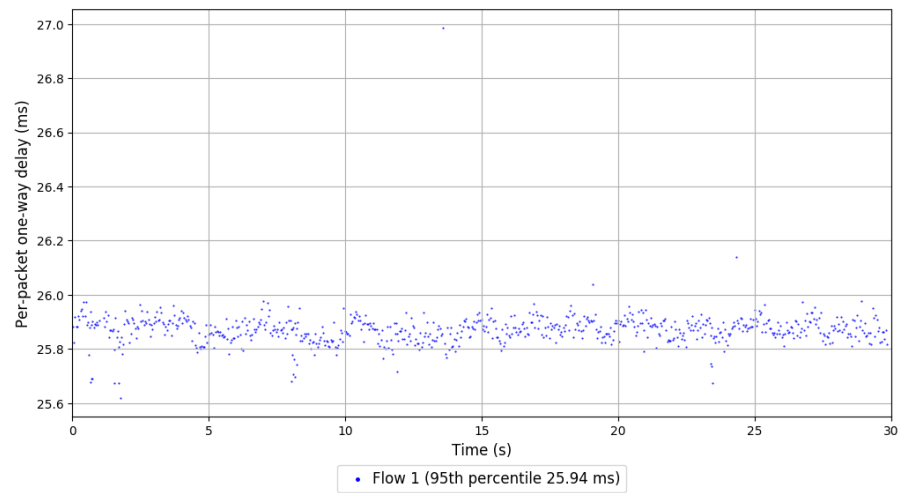
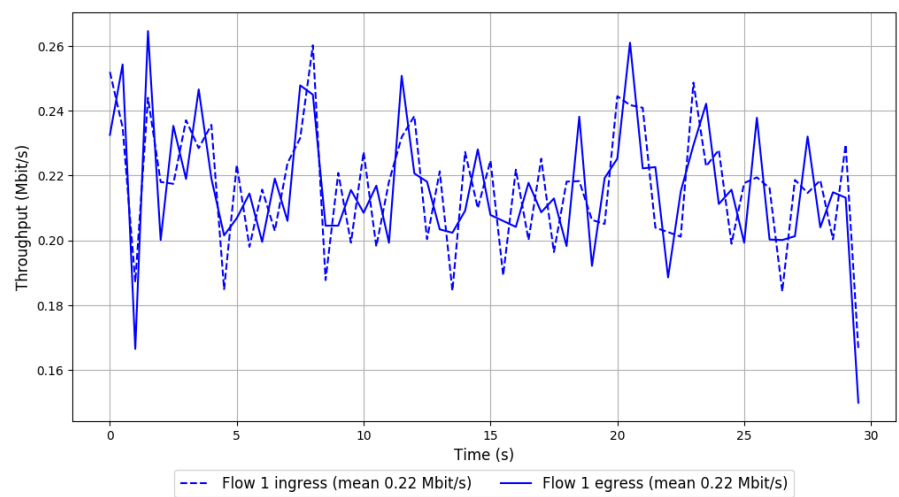


Run 10: Statistics of SCReAM

Start at: 2017-09-03 03:58:36
End at: 2017-09-03 03:59:06
Local clock offset: -0.197 ms
Remote clock offset: -1.968 ms

Below is generated by plot.py at 2017-09-03 08:15:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.938 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.938 ms
Loss rate: 0.25%

Run 10: Report of SCReAM — Data Link

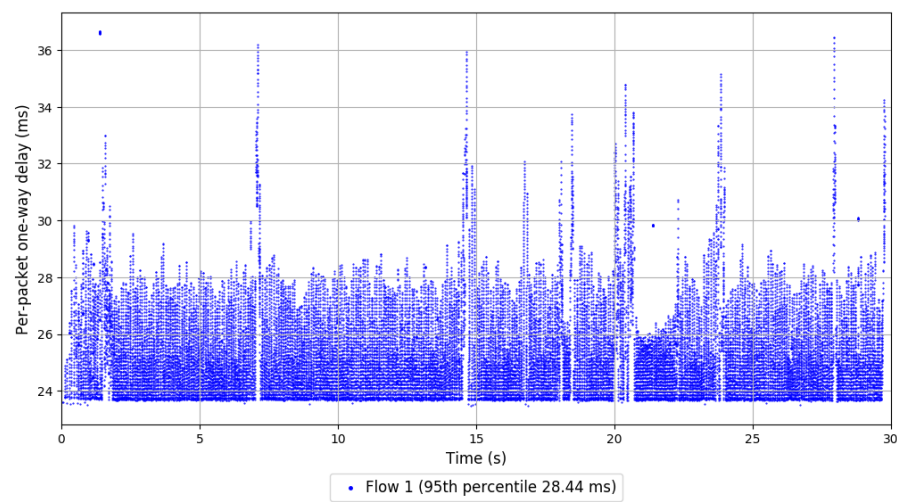
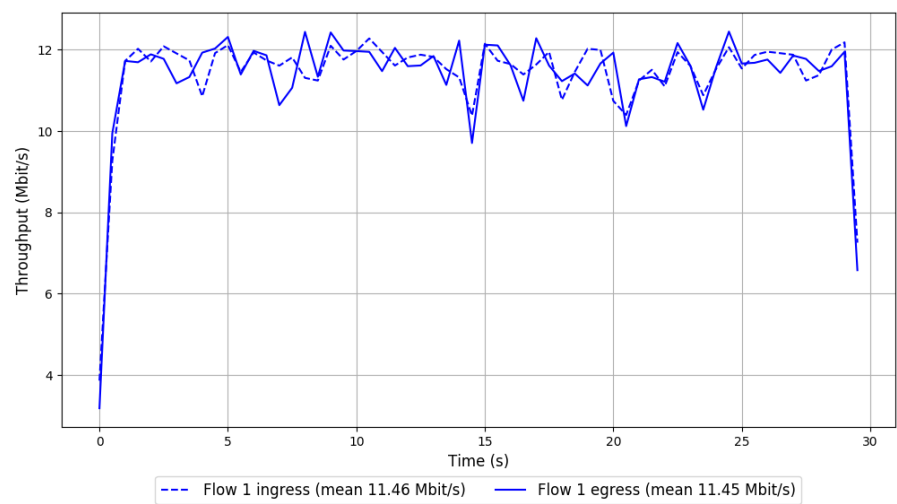


Run 1: Statistics of Sprout

Start at: 2017-09-03 00:58:01
End at: 2017-09-03 00:58:31
Local clock offset: 0.942 ms
Remote clock offset: -0.856 ms

Below is generated by plot.py at 2017-09-03 08:15:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.45 Mbit/s
95th percentile per-packet one-way delay: 28.439 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 11.45 Mbit/s
95th percentile per-packet one-way delay: 28.439 ms
Loss rate: 0.31%

Run 1: Report of Sprout — Data Link

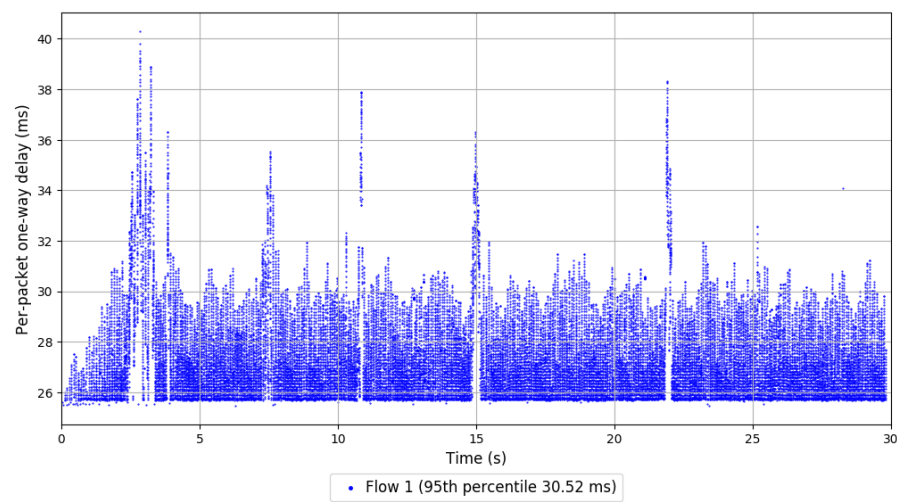
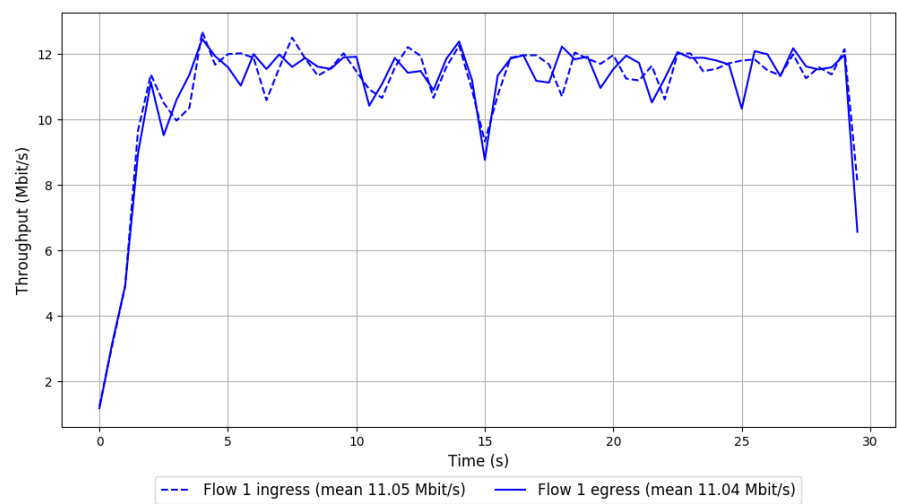


Run 2: Statistics of Sprout

Start at: 2017-09-03 01:18:11
End at: 2017-09-03 01:18:41
Local clock offset: 0.786 ms
Remote clock offset: -2.705 ms

Below is generated by plot.py at 2017-09-03 08:15:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 30.516 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 11.04 Mbit/s
95th percentile per-packet one-way delay: 30.516 ms
Loss rate: 0.32%

Run 2: Report of Sprout — Data Link

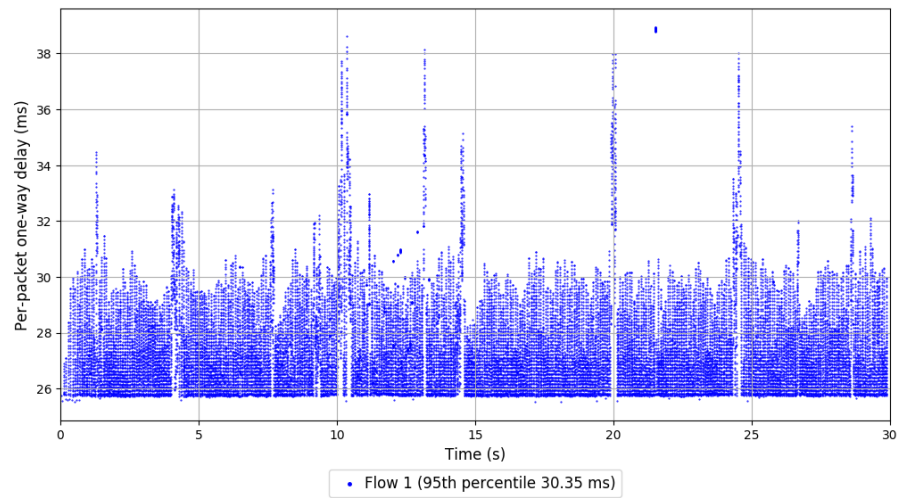
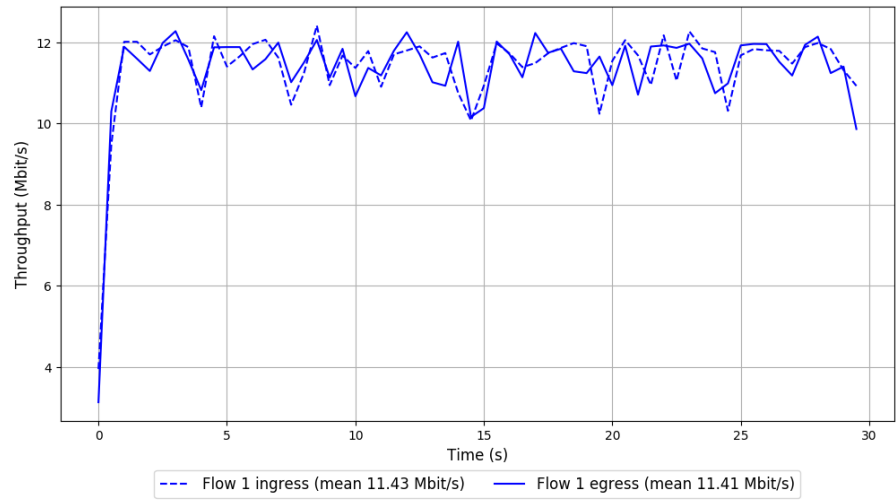


Run 3: Statistics of Sprout

Start at: 2017-09-03 01:38:50
End at: 2017-09-03 01:39:20
Local clock offset: 0.847 ms
Remote clock offset: -2.327 ms

Below is generated by plot.py at 2017-09-03 08:15:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 30.348 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 30.348 ms
Loss rate: 0.44%

Run 3: Report of Sprout — Data Link

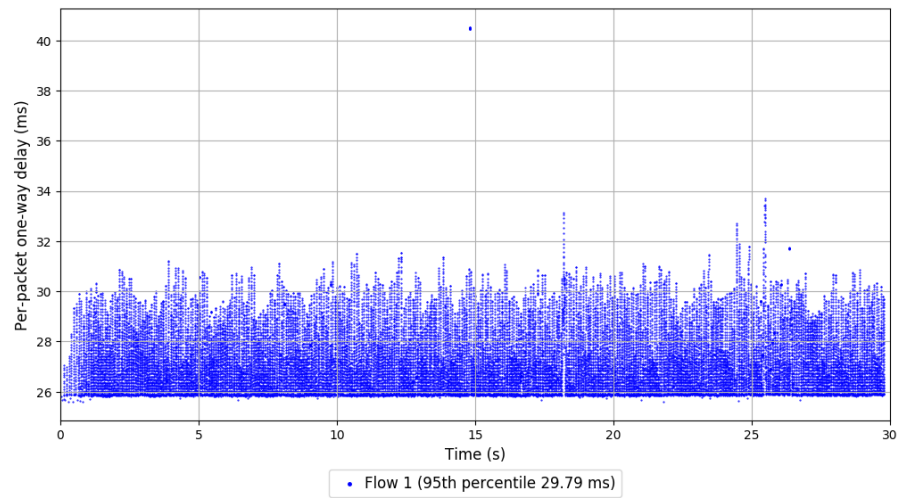
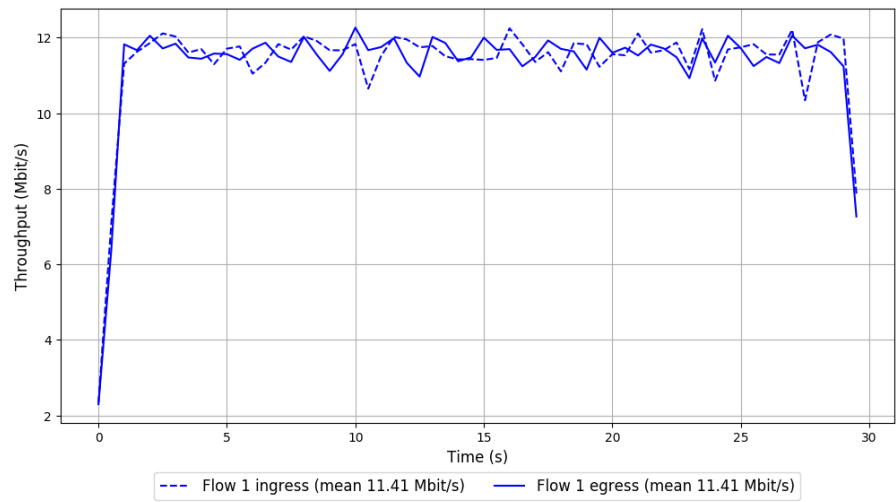


Run 4: Statistics of Sprout

Start at: 2017-09-03 01:59:16
End at: 2017-09-03 01:59:46
Local clock offset: 0.693 ms
Remote clock offset: -1.905 ms

Below is generated by plot.py at 2017-09-03 08:15:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 29.787 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 11.41 Mbit/s
95th percentile per-packet one-way delay: 29.787 ms
Loss rate: 0.28%

Run 4: Report of Sprout — Data Link

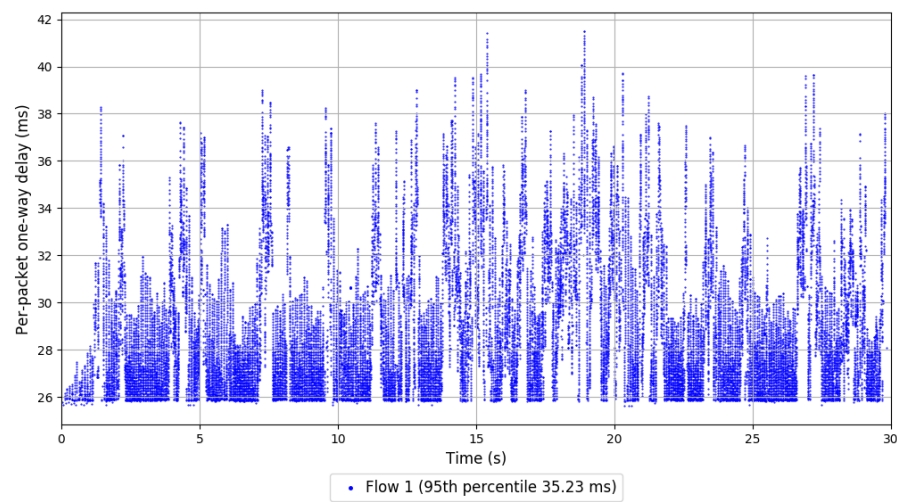
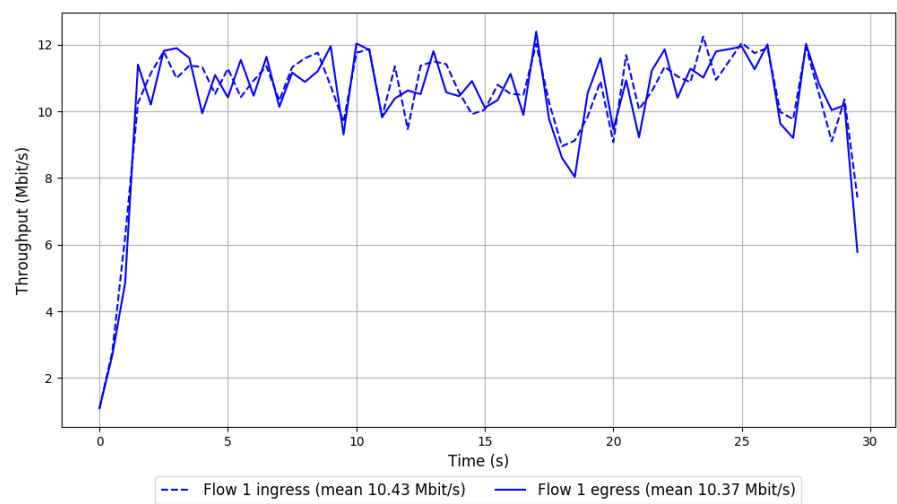


Run 5: Statistics of Sprout

Start at: 2017-09-03 02:20:03
End at: 2017-09-03 02:20:33
Local clock offset: 0.142 ms
Remote clock offset: -1.652 ms

Below is generated by plot.py at 2017-09-03 08:15:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 35.231 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 10.37 Mbit/s
95th percentile per-packet one-way delay: 35.231 ms
Loss rate: 0.72%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-09-03 02:40:22

End at: 2017-09-03 02:40:52

Local clock offset: -0.07 ms

Remote clock offset: 1.156 ms

Below is generated by plot.py at 2017-09-03 08:15:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.63 Mbit/s

95th percentile per-packet one-way delay: 27.330 ms

Loss rate: 0.19%

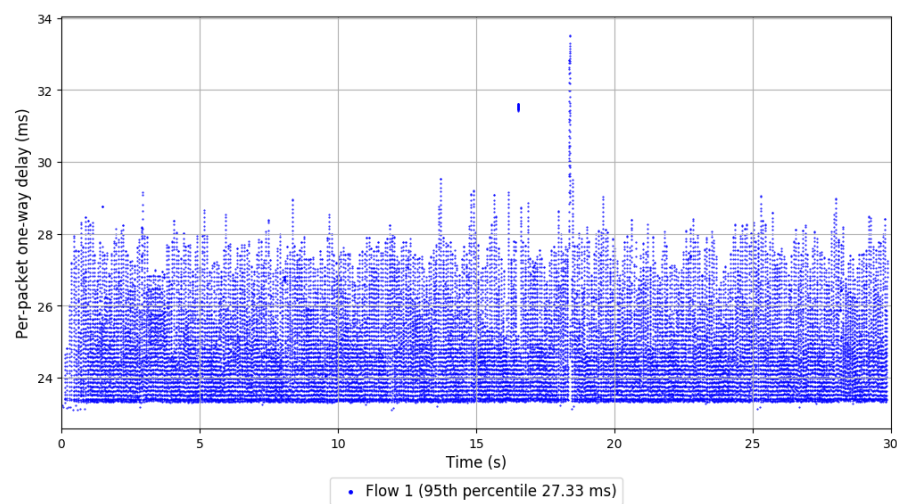
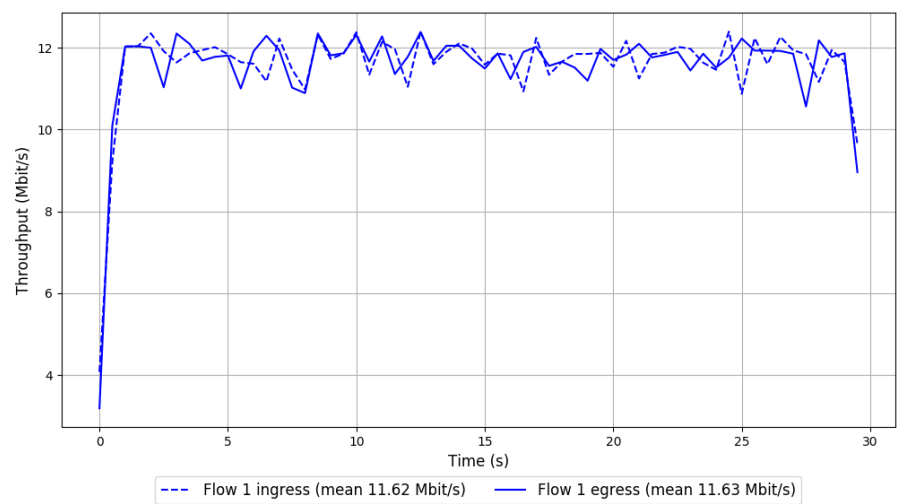
-- Flow 1:

Average throughput: 11.63 Mbit/s

95th percentile per-packet one-way delay: 27.330 ms

Loss rate: 0.19%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-09-03 03:00:33

End at: 2017-09-03 03:01:03

Local clock offset: -0.503 ms

Remote clock offset: 0.41 ms

Below is generated by plot.py at 2017-09-03 08:15:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.44 Mbit/s

95th percentile per-packet one-way delay: 27.677 ms

Loss rate: 0.27%

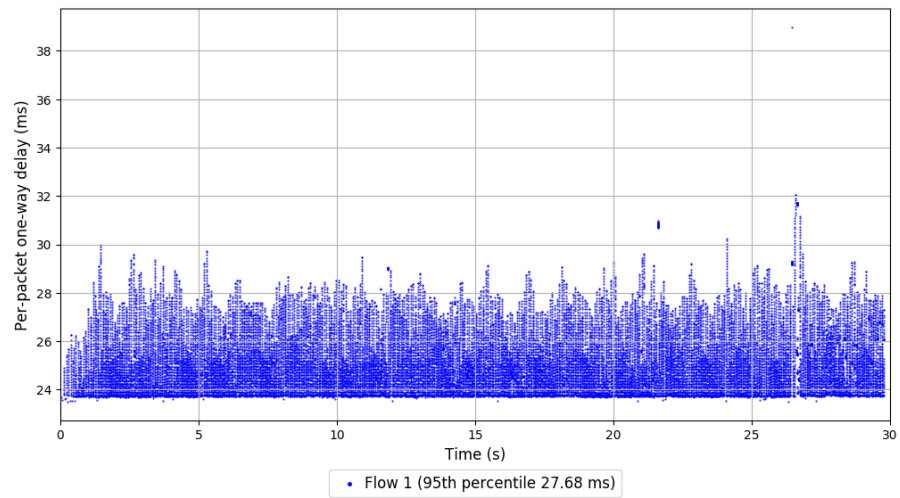
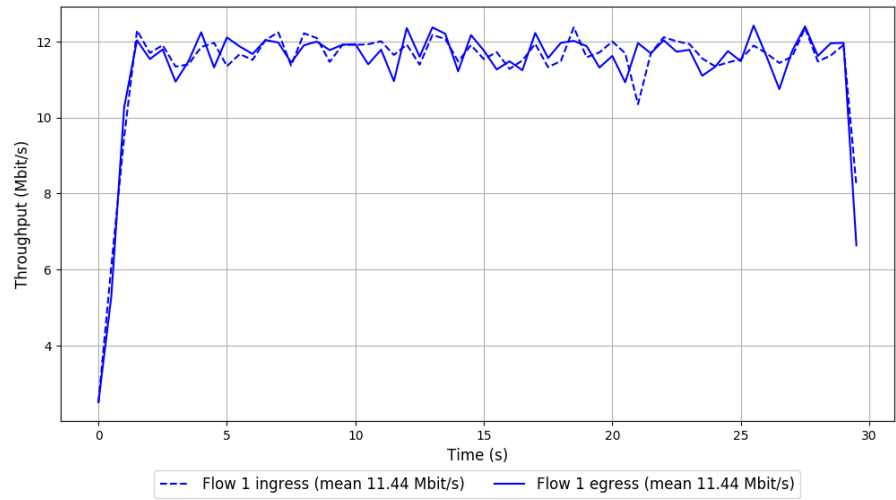
-- Flow 1:

Average throughput: 11.44 Mbit/s

95th percentile per-packet one-way delay: 27.677 ms

Loss rate: 0.27%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-09-03 03:20:53

End at: 2017-09-03 03:21:23

Local clock offset: -0.493 ms

Remote clock offset: 0.779 ms

Below is generated by plot.py at 2017-09-03 08:15:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.46 Mbit/s

95th percentile per-packet one-way delay: 27.015 ms

Loss rate: 0.24%

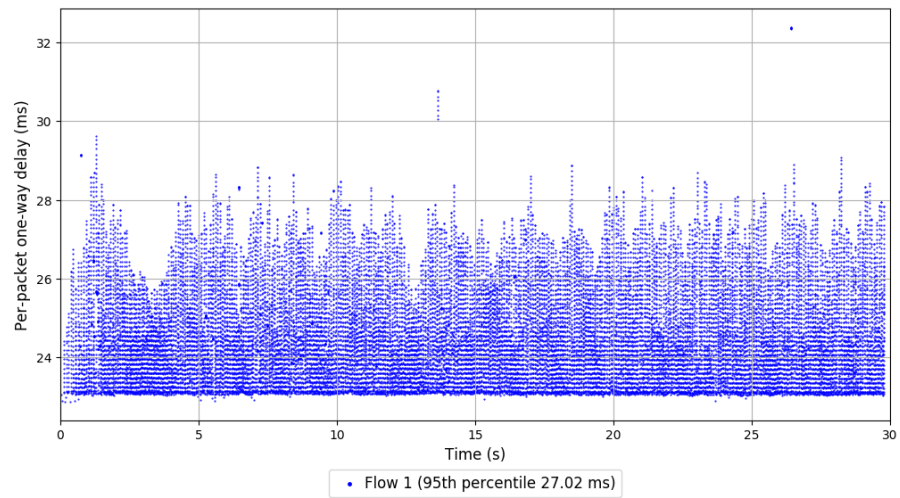
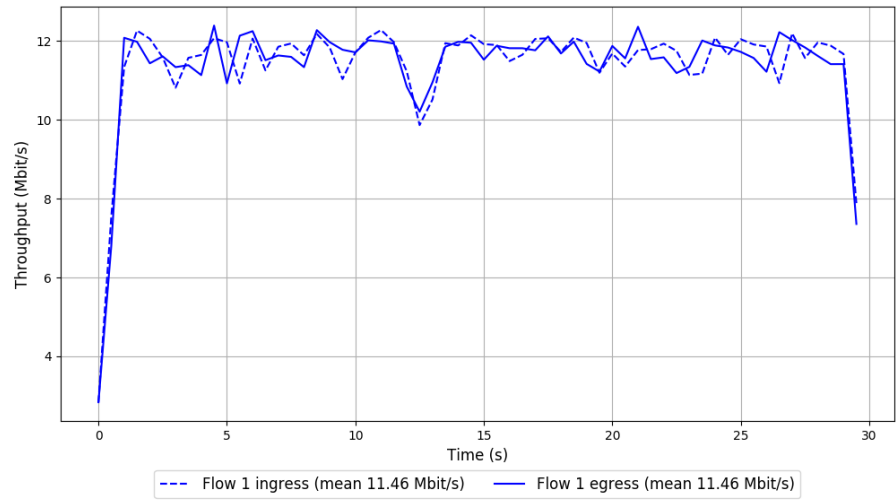
-- Flow 1:

Average throughput: 11.46 Mbit/s

95th percentile per-packet one-way delay: 27.015 ms

Loss rate: 0.24%

Run 8: Report of Sprout — Data Link

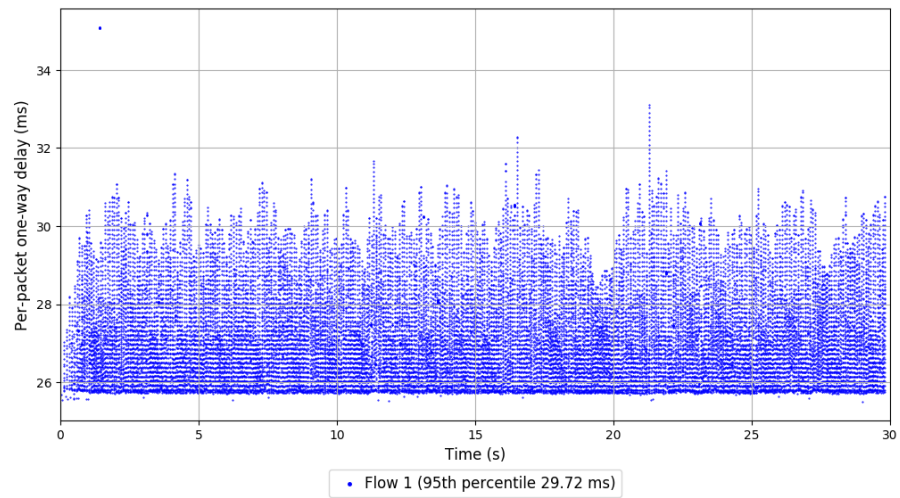
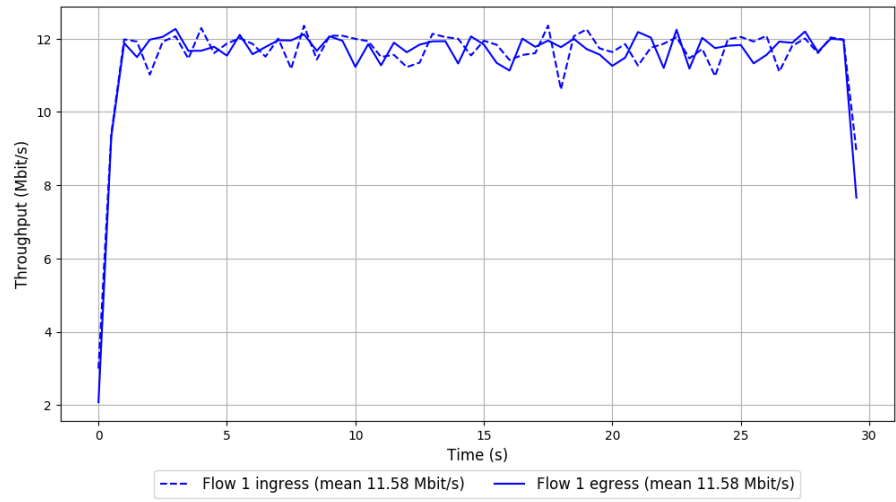


Run 9: Statistics of Sprout

Start at: 2017-09-03 03:41:06
End at: 2017-09-03 03:41:36
Local clock offset: -0.489 ms
Remote clock offset: -2.037 ms

Below is generated by plot.py at 2017-09-03 08:15:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.58 Mbit/s
95th percentile per-packet one-way delay: 29.718 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 11.58 Mbit/s
95th percentile per-packet one-way delay: 29.718 ms
Loss rate: 0.25%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-09-03 04:01:16

End at: 2017-09-03 04:01:46

Local clock offset: -0.249 ms

Remote clock offset: 0.573 ms

Below is generated by plot.py at 2017-09-03 08:15:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.53 Mbit/s

95th percentile per-packet one-way delay: 27.260 ms

Loss rate: 0.33%

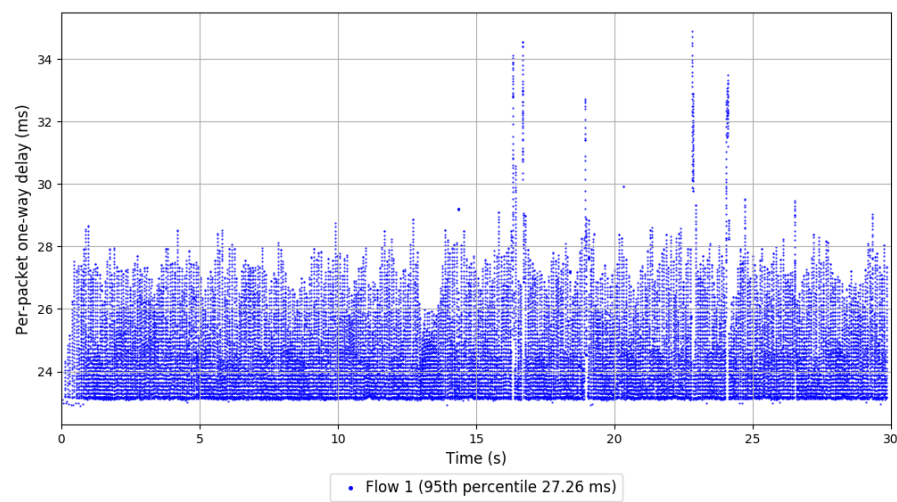
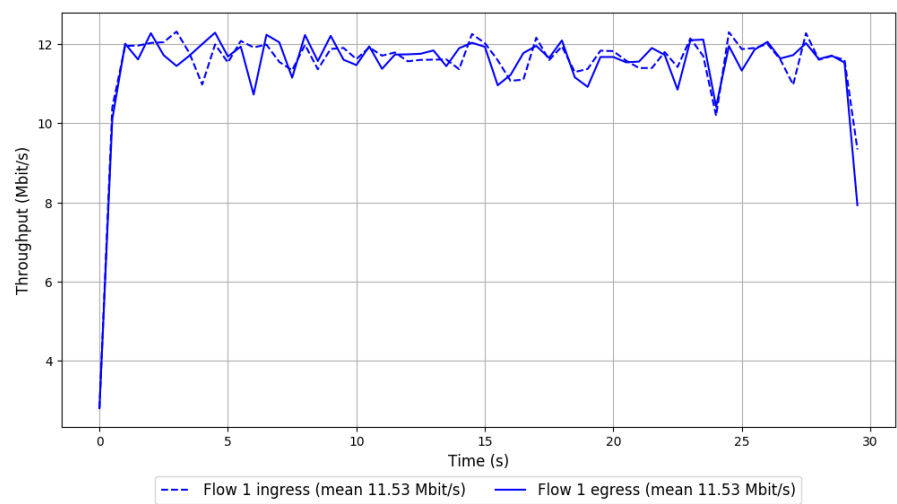
-- Flow 1:

Average throughput: 11.53 Mbit/s

95th percentile per-packet one-way delay: 27.260 ms

Loss rate: 0.33%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-09-03 00:56:37

End at: 2017-09-03 00:57:07

Local clock offset: 1.025 ms

Remote clock offset: -2.814 ms

Below is generated by plot.py at 2017-09-03 08:15:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.29 Mbit/s

95th percentile per-packet one-way delay: 40.289 ms

Loss rate: 0.46%

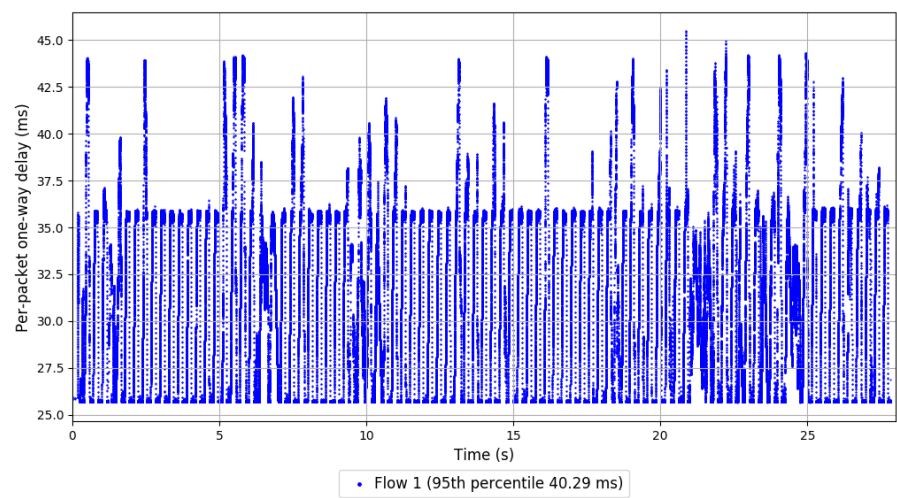
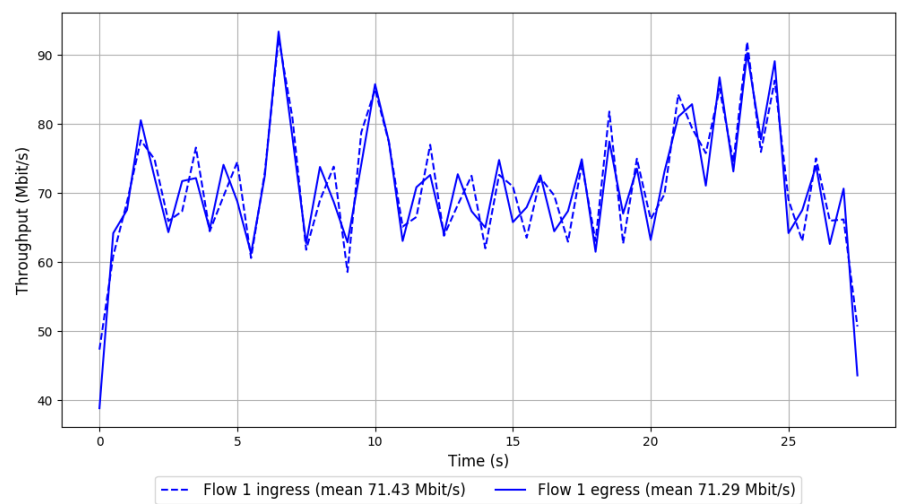
-- Flow 1:

Average throughput: 71.29 Mbit/s

95th percentile per-packet one-way delay: 40.289 ms

Loss rate: 0.46%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-03 01:16:43

End at: 2017-09-03 01:17:13

Local clock offset: 0.904 ms

Remote clock offset: -0.727 ms

Below is generated by plot.py at 2017-09-03 08:15:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.05 Mbit/s

95th percentile per-packet one-way delay: 38.717 ms

Loss rate: 0.72%

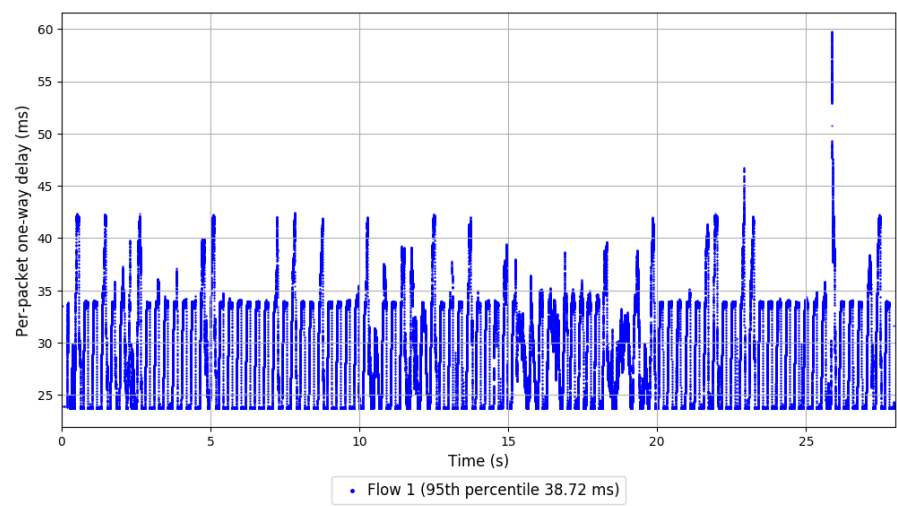
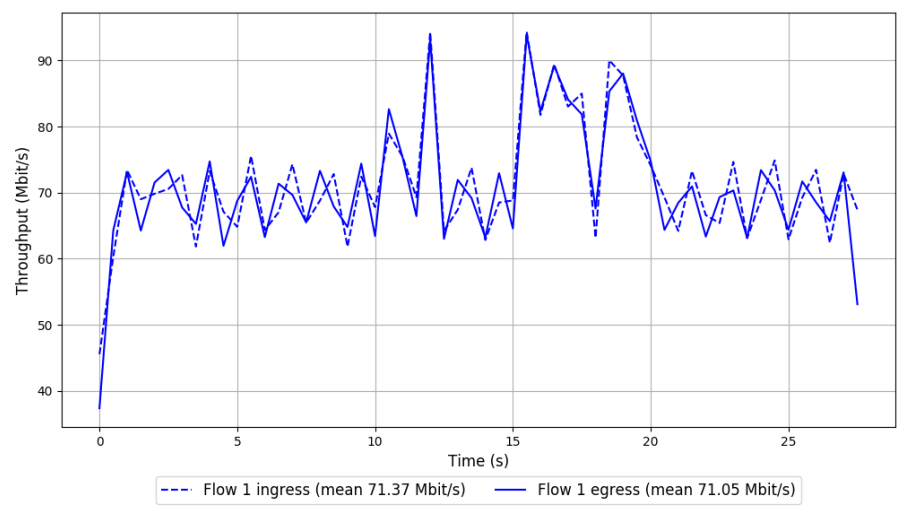
-- Flow 1:

Average throughput: 71.05 Mbit/s

95th percentile per-packet one-way delay: 38.717 ms

Loss rate: 0.72%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-03 01:37:16

End at: 2017-09-03 01:37:46

Local clock offset: 0.874 ms

Remote clock offset: -2.395 ms

Below is generated by plot.py at 2017-09-03 08:16:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.09 Mbit/s

95th percentile per-packet one-way delay: 40.239 ms

Loss rate: 0.67%

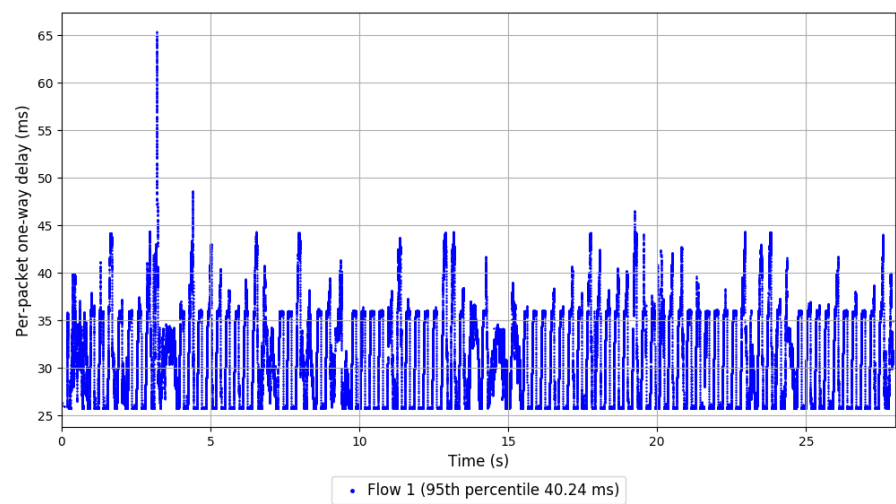
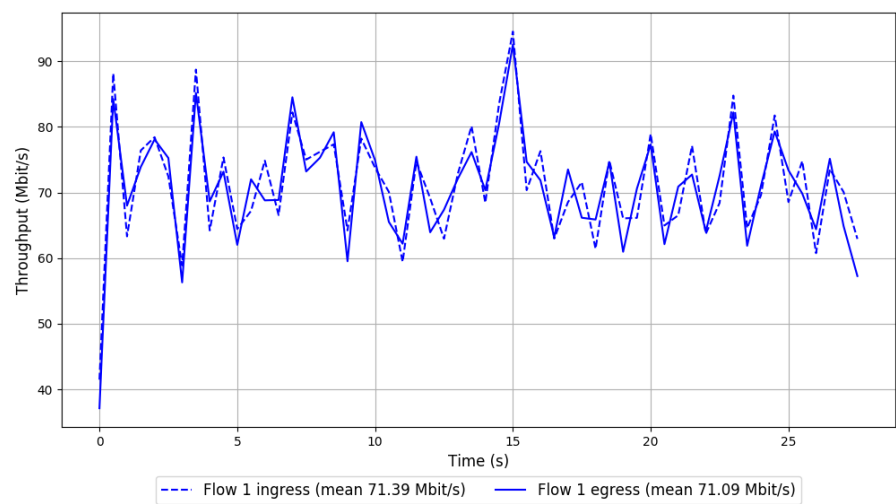
-- Flow 1:

Average throughput: 71.09 Mbit/s

95th percentile per-packet one-way delay: 40.239 ms

Loss rate: 0.67%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 01:57:50

End at: 2017-09-03 01:58:20

Local clock offset: 0.725 ms

Remote clock offset: 0.148 ms

Below is generated by plot.py at 2017-09-03 08:16:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.01 Mbit/s

95th percentile per-packet one-way delay: 35.052 ms

Loss rate: 0.56%

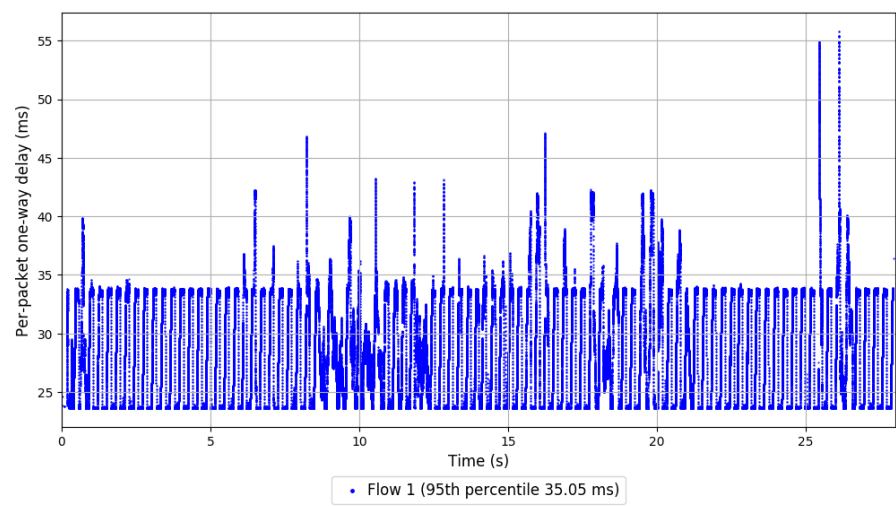
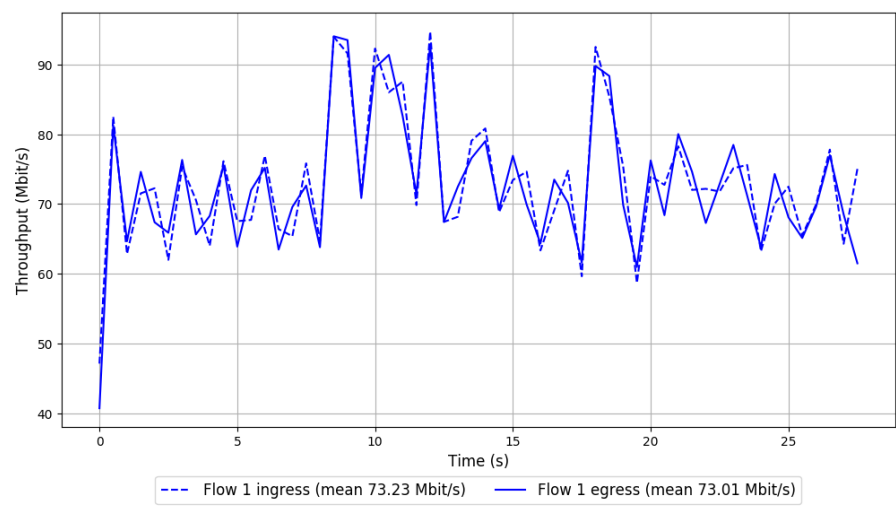
-- Flow 1:

Average throughput: 73.01 Mbit/s

95th percentile per-packet one-way delay: 35.052 ms

Loss rate: 0.56%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-09-03 02:18:36

End at: 2017-09-03 02:19:06

Local clock offset: 0.273 ms

Remote clock offset: 0.524 ms

Below is generated by plot.py at 2017-09-03 08:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.65 Mbit/s

95th percentile per-packet one-way delay: 38.900 ms

Loss rate: 0.69%

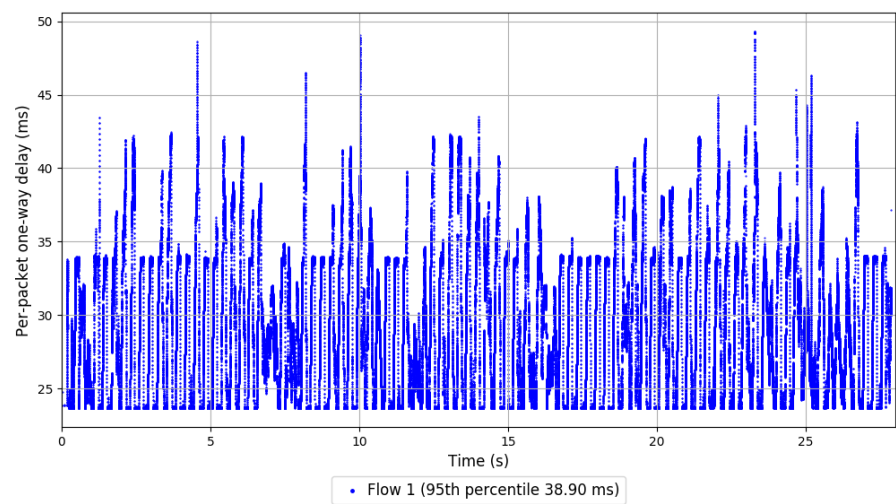
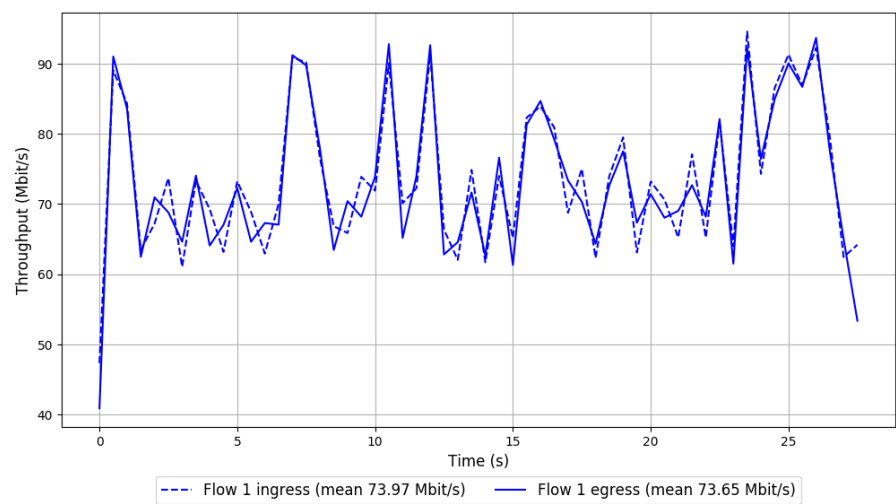
-- Flow 1:

Average throughput: 73.65 Mbit/s

95th percentile per-packet one-way delay: 38.900 ms

Loss rate: 0.69%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-03 02:38:57

End at: 2017-09-03 02:39:27

Local clock offset: -0.16 ms

Remote clock offset: 1.127 ms

Below is generated by plot.py at 2017-09-03 08:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.81 Mbit/s

95th percentile per-packet one-way delay: 33.379 ms

Loss rate: 0.64%

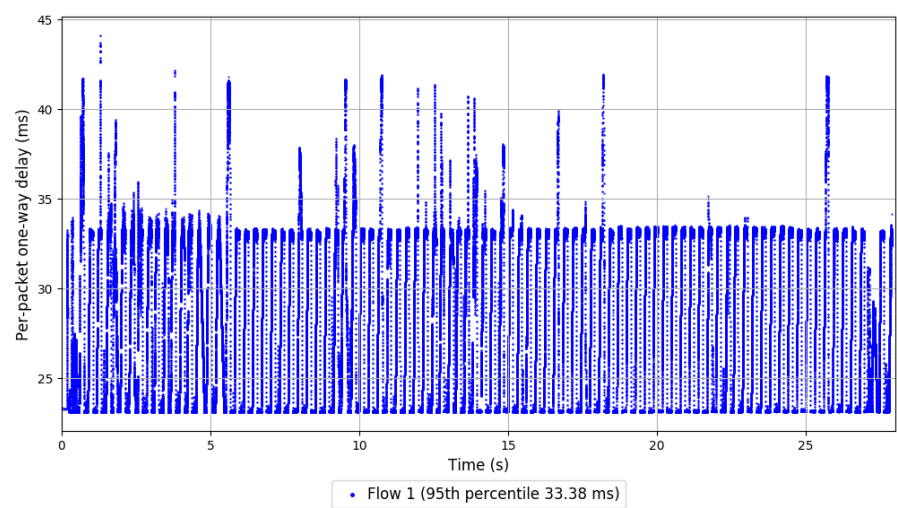
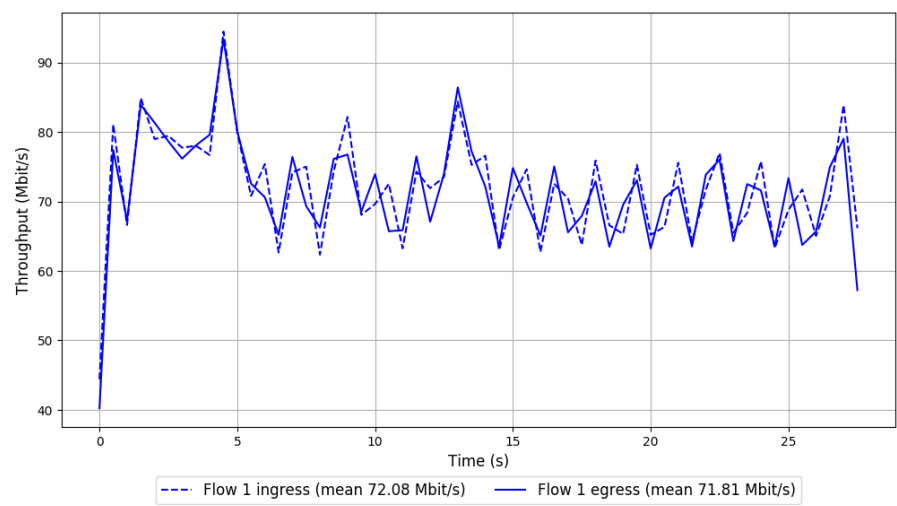
-- Flow 1:

Average throughput: 71.81 Mbit/s

95th percentile per-packet one-way delay: 33.379 ms

Loss rate: 0.64%

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

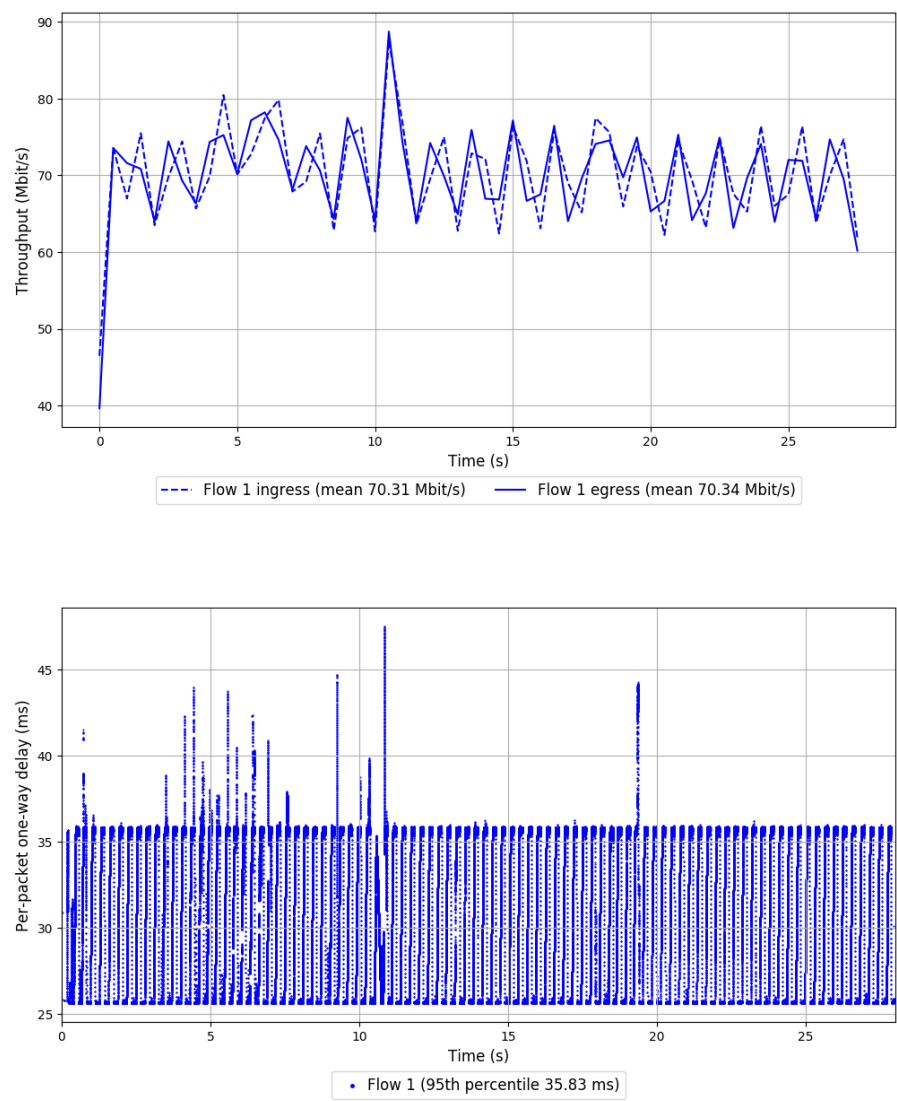


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-03 02:59:09
End at: 2017-09-03 02:59:39
Local clock offset: -0.474 ms
Remote clock offset: -1.602 ms

Below is generated by plot.py at 2017-09-03 08:16:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.34 Mbit/s
95th percentile per-packet one-way delay: 35.832 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 70.34 Mbit/s
95th percentile per-packet one-way delay: 35.832 ms
Loss rate: 0.22%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-09-03 03:19:29

End at: 2017-09-03 03:19:59

Local clock offset: -0.402 ms

Remote clock offset: 0.216 ms

Below is generated by plot.py at 2017-09-03 08:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 33.826 ms

Loss rate: 0.16%

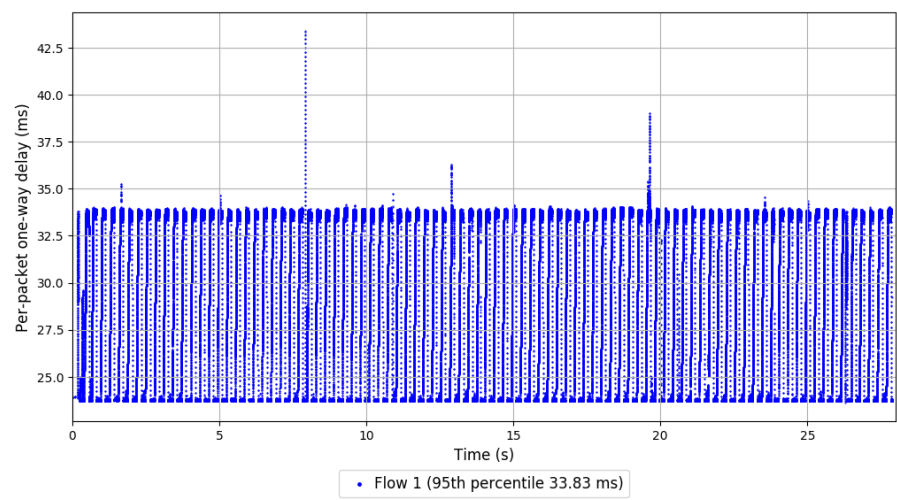
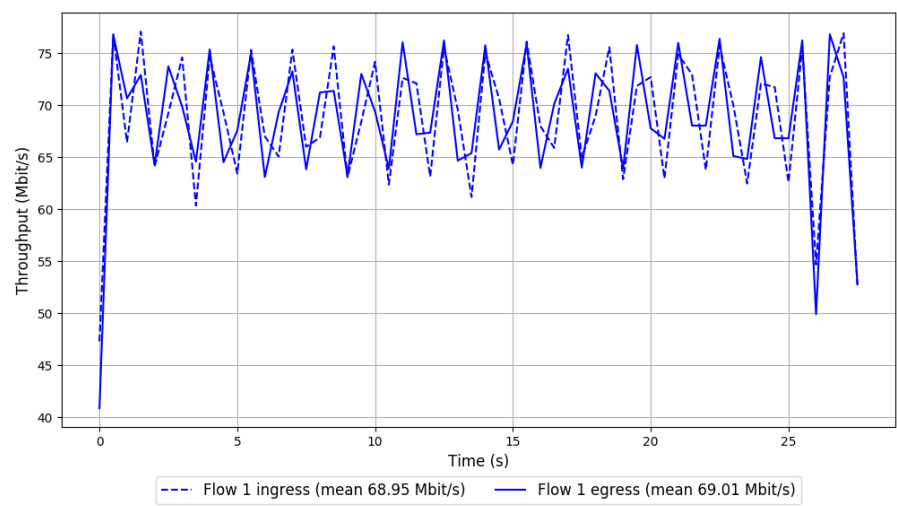
-- Flow 1:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 33.826 ms

Loss rate: 0.16%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-03 03:39:43

End at: 2017-09-03 03:40:13

Local clock offset: -0.397 ms

Remote clock offset: 0.622 ms

Below is generated by plot.py at 2017-09-03 08:16:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 33.331 ms

Loss rate: 0.17%

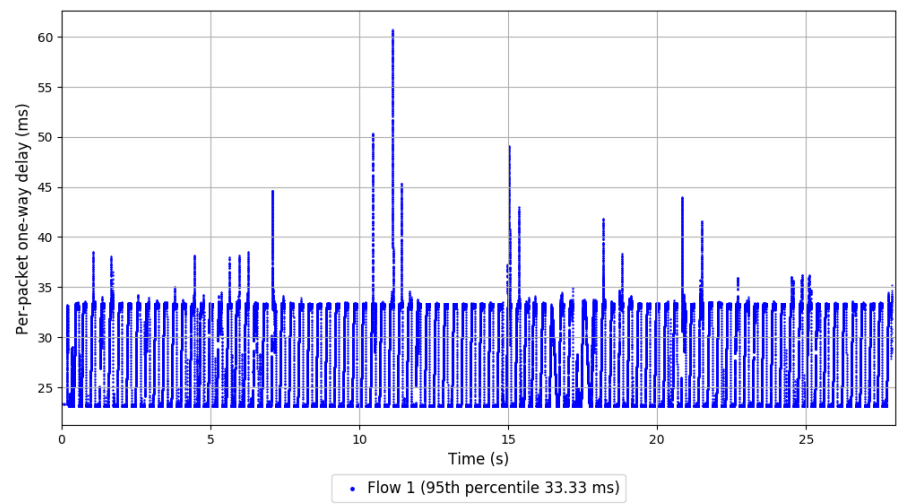
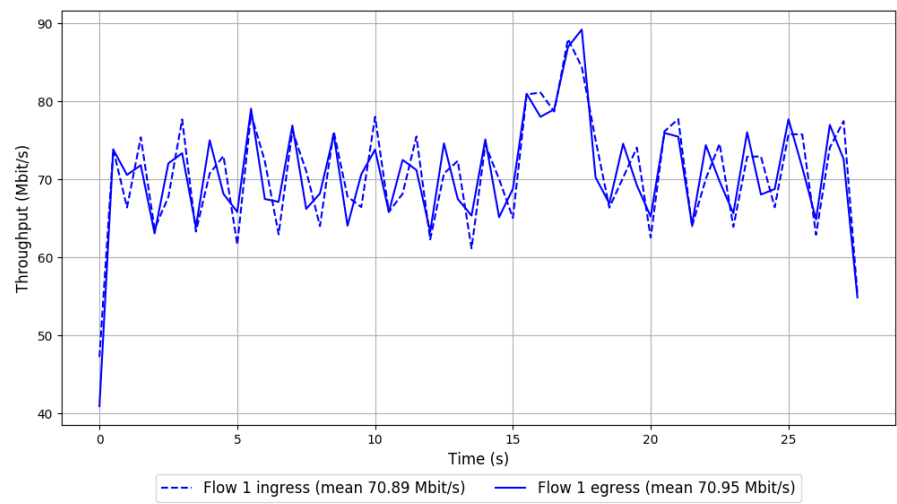
-- Flow 1:

Average throughput: 70.95 Mbit/s

95th percentile per-packet one-way delay: 33.331 ms

Loss rate: 0.17%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-03 03:59:53

End at: 2017-09-03 04:00:23

Local clock offset: -0.266 ms

Remote clock offset: -2.026 ms

Below is generated by plot.py at 2017-09-03 08:16:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.96 Mbit/s

95th percentile per-packet one-way delay: 35.831 ms

Loss rate: 0.16%

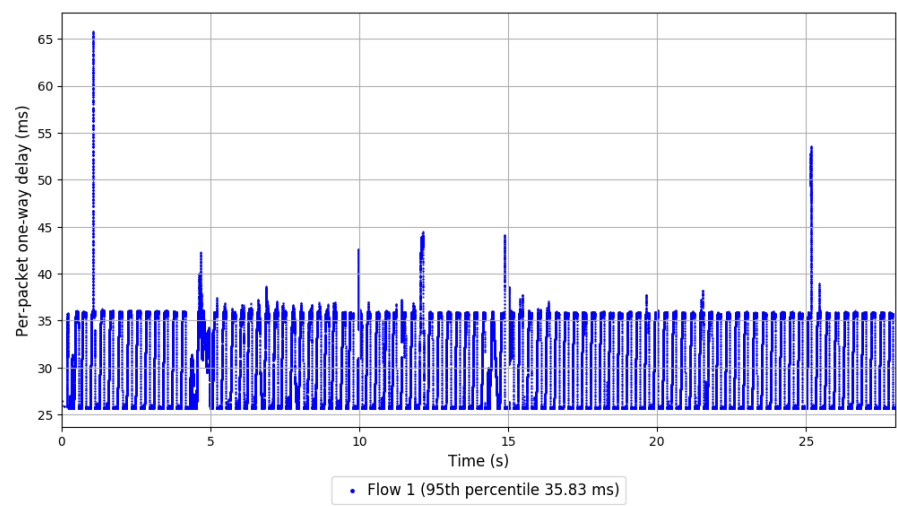
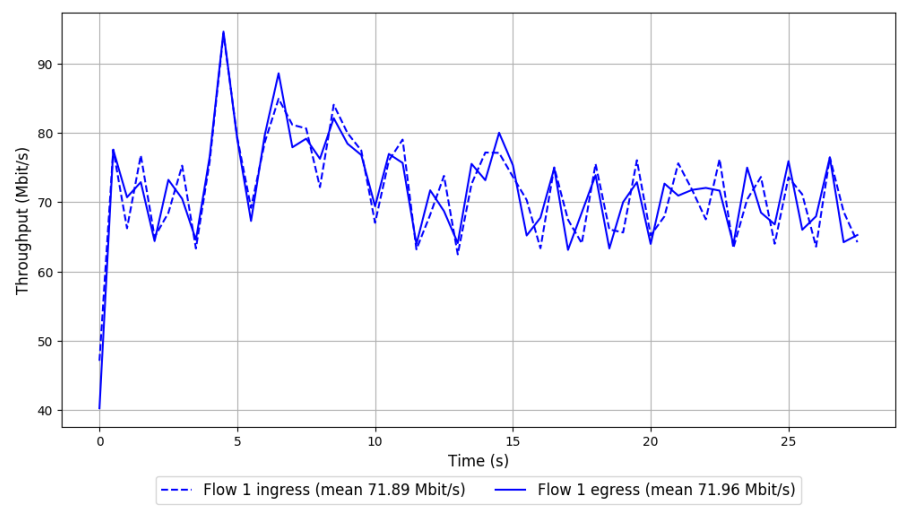
-- Flow 1:

Average throughput: 71.96 Mbit/s

95th percentile per-packet one-way delay: 35.831 ms

Loss rate: 0.16%

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

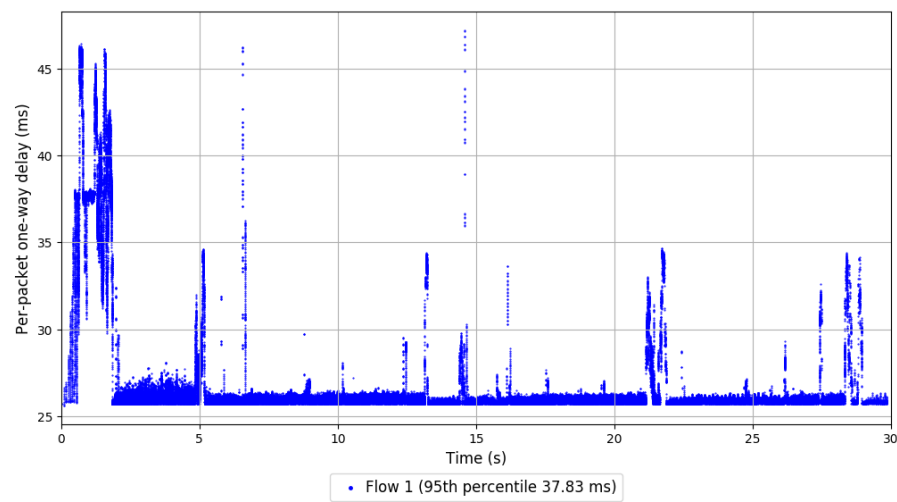
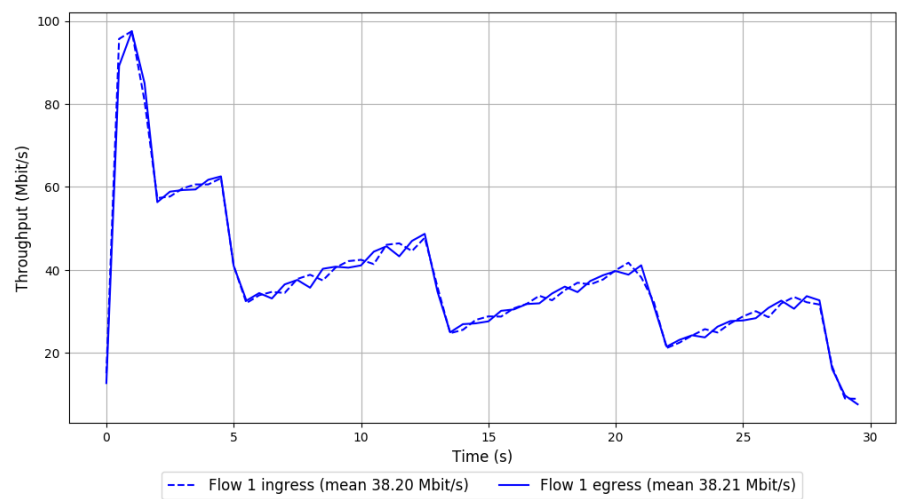


Run 1: Statistics of TCP Vegas

Start at: 2017-09-03 01:01:58
End at: 2017-09-03 01:02:28
Local clock offset: 0.906 ms
Remote clock offset: -2.901 ms

Below is generated by plot.py at 2017-09-03 08:17:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.21 Mbit/s
95th percentile per-packet one-way delay: 37.834 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 38.21 Mbit/s
95th percentile per-packet one-way delay: 37.834 ms
Loss rate: 0.21%

Run 1: Report of TCP Vegas — Data Link

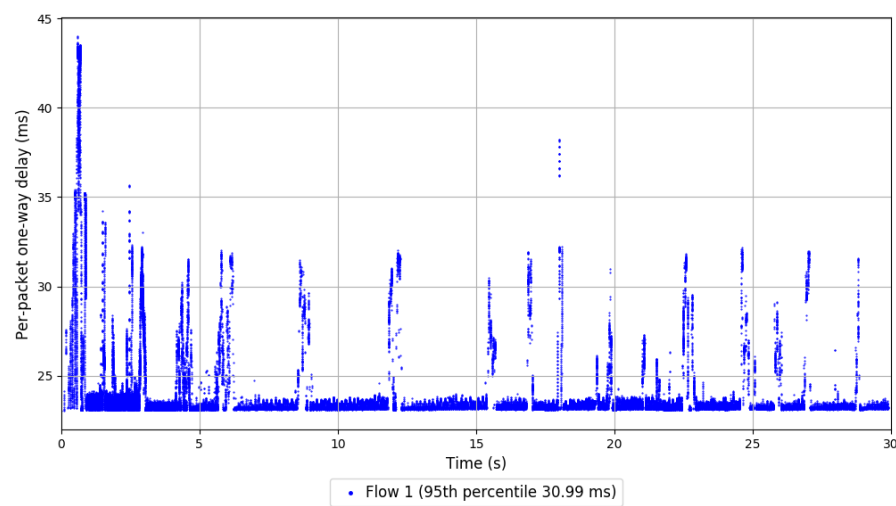
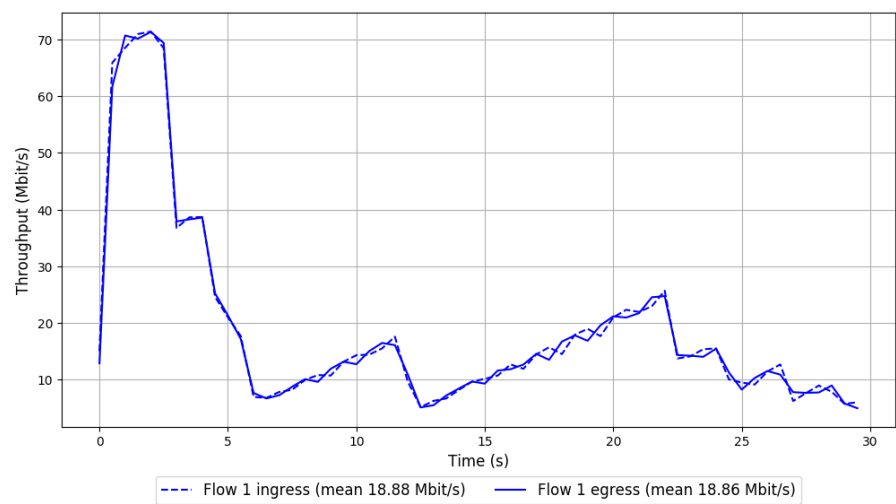


Run 2: Statistics of TCP Vegas

Start at: 2017-09-03 01:22:12
End at: 2017-09-03 01:22:42
Local clock offset: 0.805 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2017-09-03 08:17:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.86 Mbit/s
95th percentile per-packet one-way delay: 30.991 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 18.86 Mbit/s
95th percentile per-packet one-way delay: 30.991 ms
Loss rate: 0.38%

Run 2: Report of TCP Vegas — Data Link

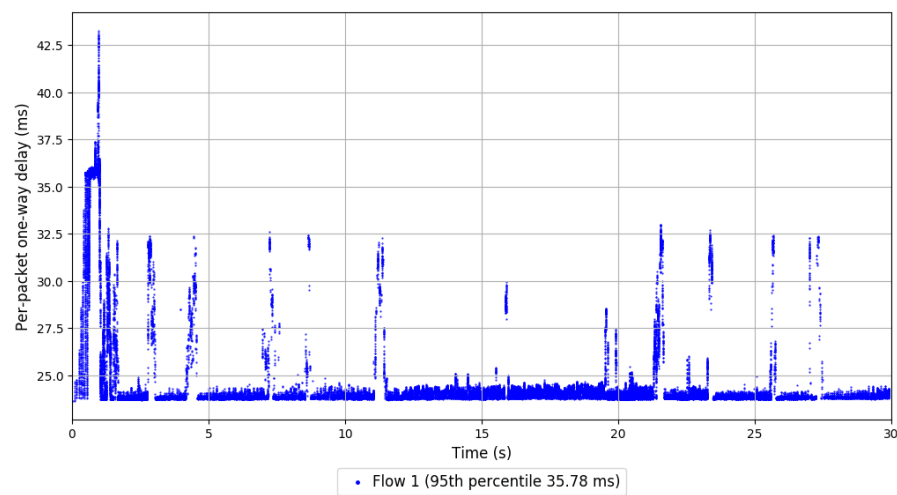
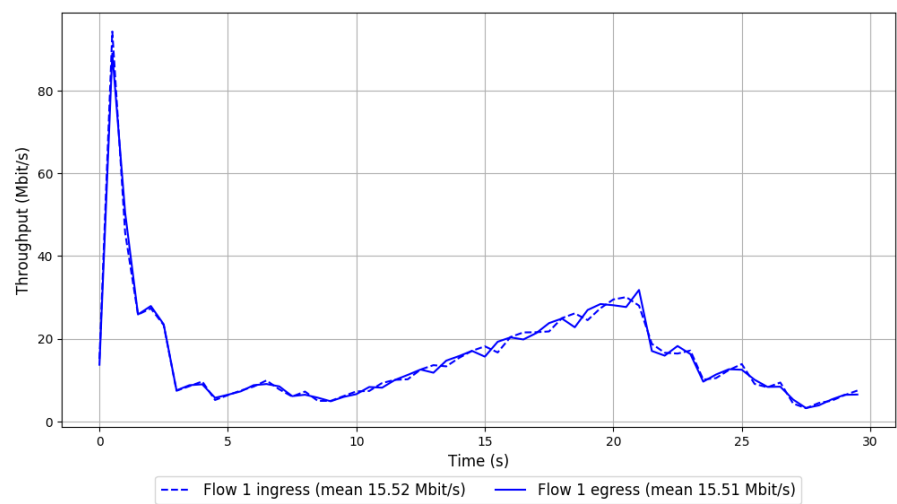


Run 3: Statistics of TCP Vegas

Start at: 2017-09-03 01:42:53
End at: 2017-09-03 01:43:23
Local clock offset: 0.895 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2017-09-03 08:17:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 35.781 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 15.51 Mbit/s
95th percentile per-packet one-way delay: 35.781 ms
Loss rate: 0.33%

Run 3: Report of TCP Vegas — Data Link

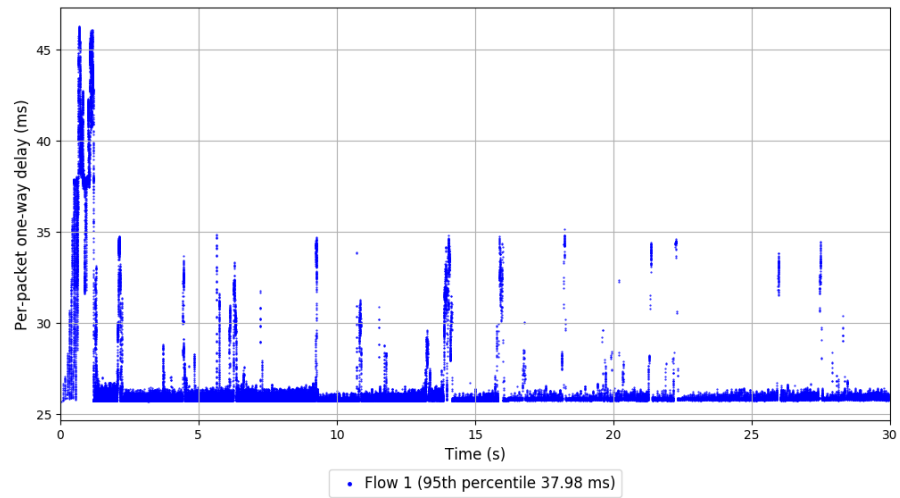
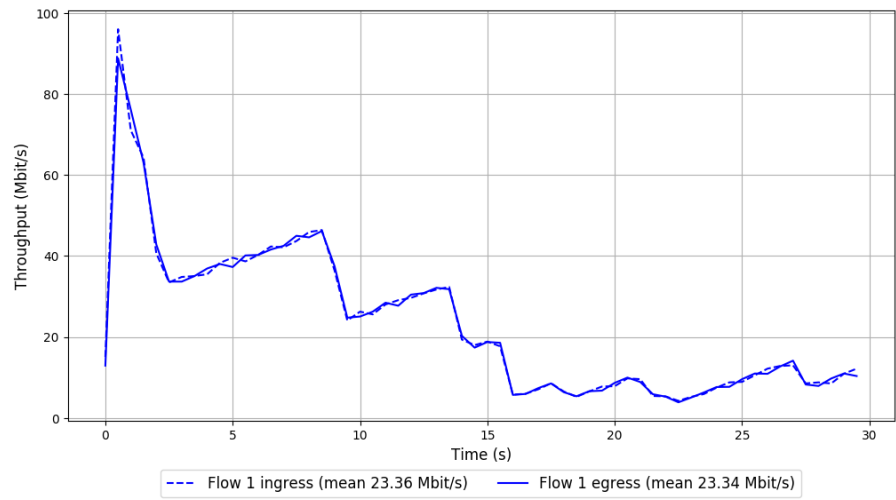


Run 4: Statistics of TCP Vegas

Start at: 2017-09-03 02:03:26
End at: 2017-09-03 02:03:56
Local clock offset: 0.682 ms
Remote clock offset: -1.754 ms

Below is generated by plot.py at 2017-09-03 08:17:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 37.978 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 23.34 Mbit/s
95th percentile per-packet one-way delay: 37.978 ms
Loss rate: 0.34%

Run 4: Report of TCP Vegas — Data Link

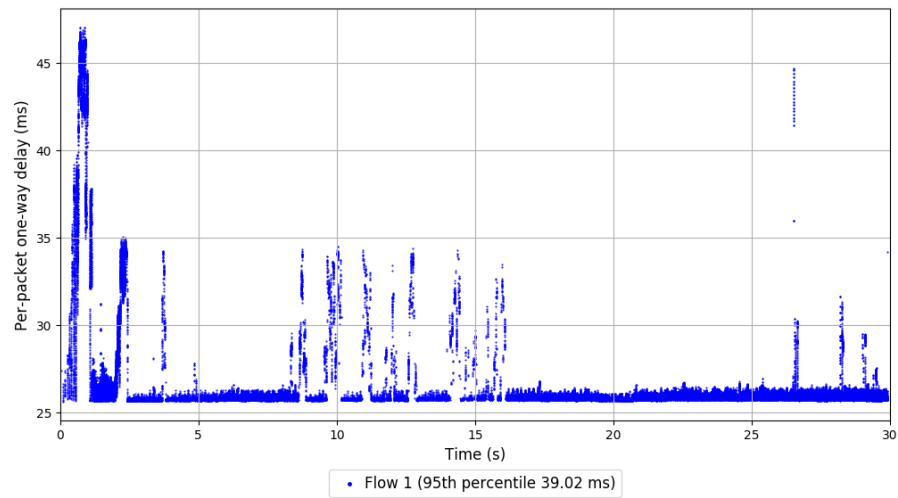
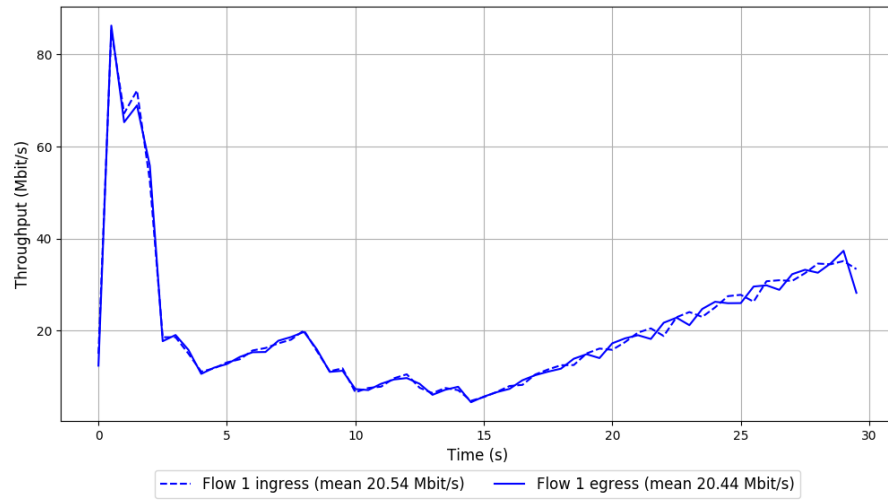


Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 02:24:02
End at: 2017-09-03 02:24:32
Local clock offset: 0.149 ms
Remote clock offset: -1.413 ms

Below is generated by plot.py at 2017-09-03 08:17:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 39.020 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 39.020 ms
Loss rate: 0.70%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-09-03 02:44:20

End at: 2017-09-03 02:44:51

Local clock offset: -0.268 ms

Remote clock offset: 1.146 ms

Below is generated by plot.py at 2017-09-03 08:17:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.31 Mbit/s

95th percentile per-packet one-way delay: 28.858 ms

Loss rate: 0.26%

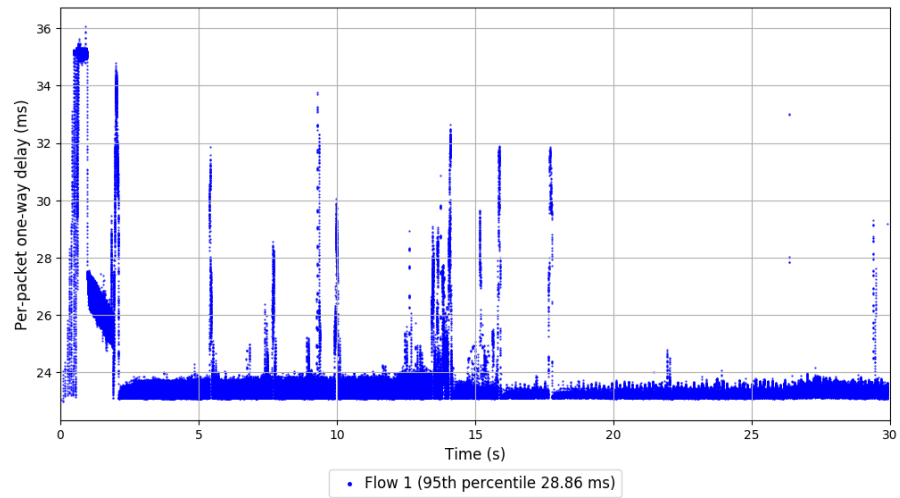
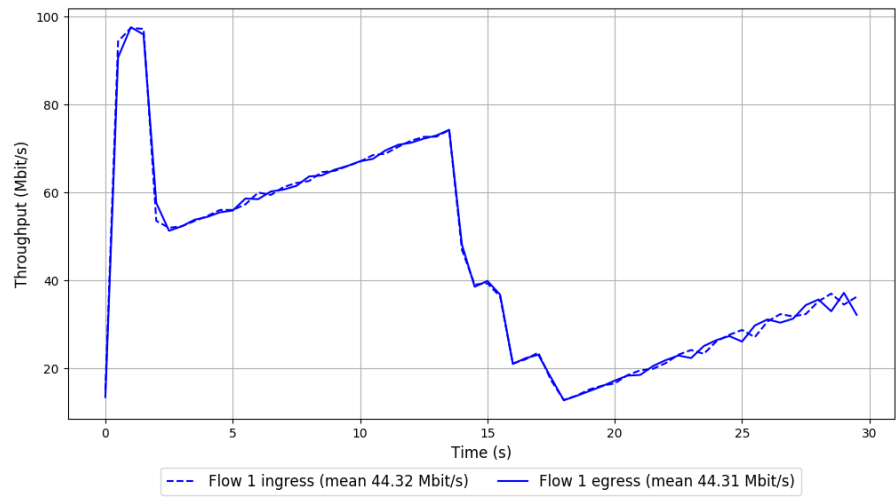
-- Flow 1:

Average throughput: 44.31 Mbit/s

95th percentile per-packet one-way delay: 28.858 ms

Loss rate: 0.26%

Run 6: Report of TCP Vegas — Data Link

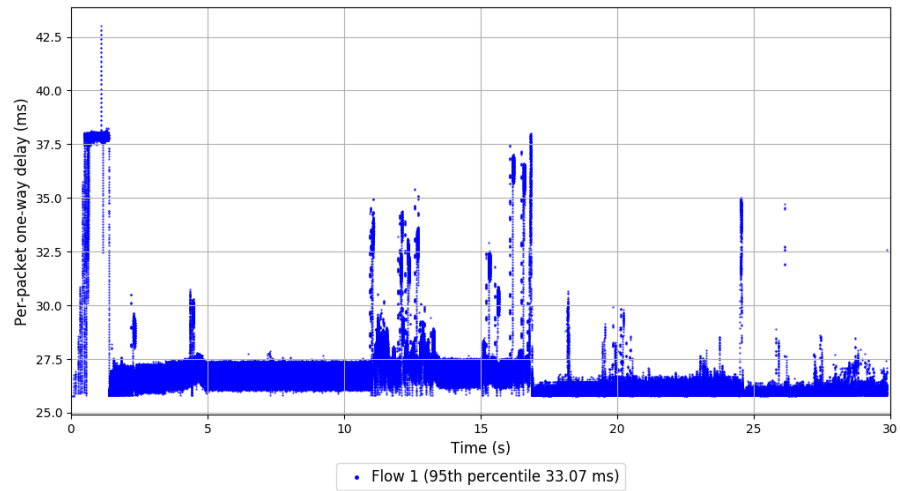
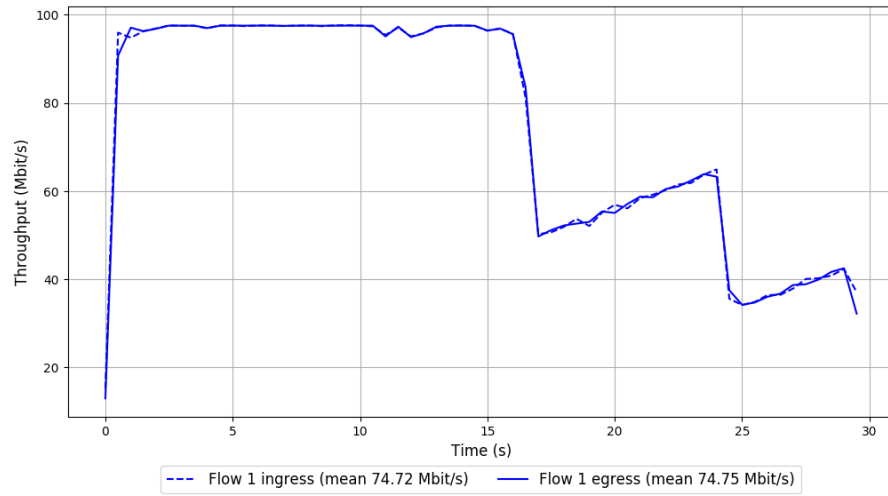


Run 7: Statistics of TCP Vegas

Start at: 2017-09-03 03:04:32
End at: 2017-09-03 03:05:02
Local clock offset: -0.455 ms
Remote clock offset: -1.744 ms

Below is generated by plot.py at 2017-09-03 08:17:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 33.066 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 74.75 Mbit/s
95th percentile per-packet one-way delay: 33.066 ms
Loss rate: 0.17%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-09-03 03:24:55

End at: 2017-09-03 03:25:25

Local clock offset: -0.468 ms

Remote clock offset: 0.097 ms

Below is generated by plot.py at 2017-09-03 08:17:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.92 Mbit/s

95th percentile per-packet one-way delay: 27.753 ms

Loss rate: 0.33%

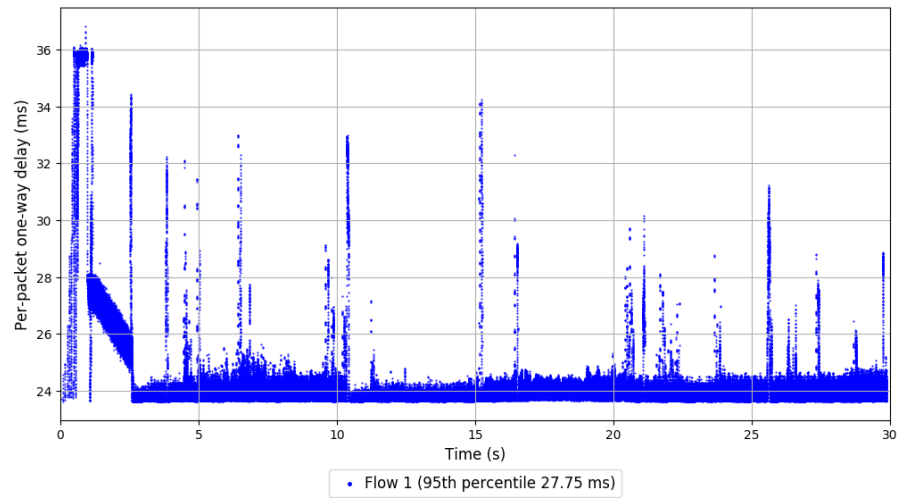
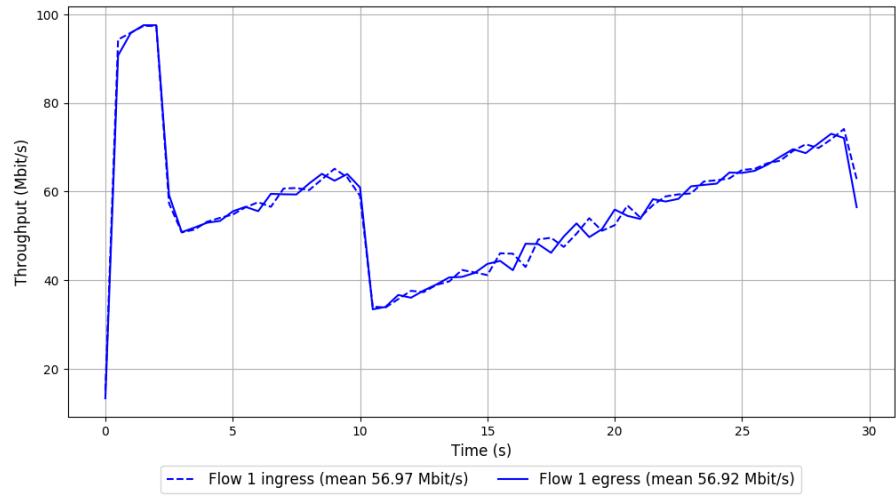
-- Flow 1:

Average throughput: 56.92 Mbit/s

95th percentile per-packet one-way delay: 27.753 ms

Loss rate: 0.33%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-09-03 03:45:05

End at: 2017-09-03 03:45:35

Local clock offset: -0.398 ms

Remote clock offset: 0.615 ms

Below is generated by plot.py at 2017-09-03 08:17:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.34 Mbit/s

95th percentile per-packet one-way delay: 29.703 ms

Loss rate: 0.26%

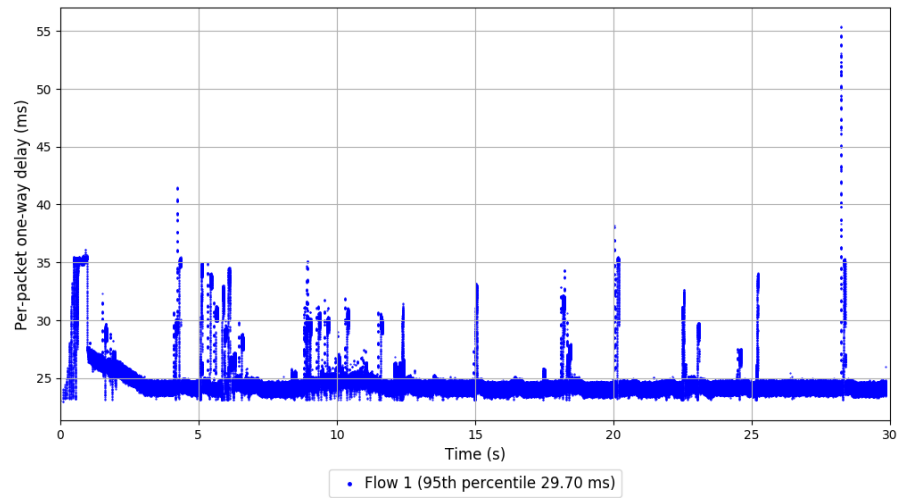
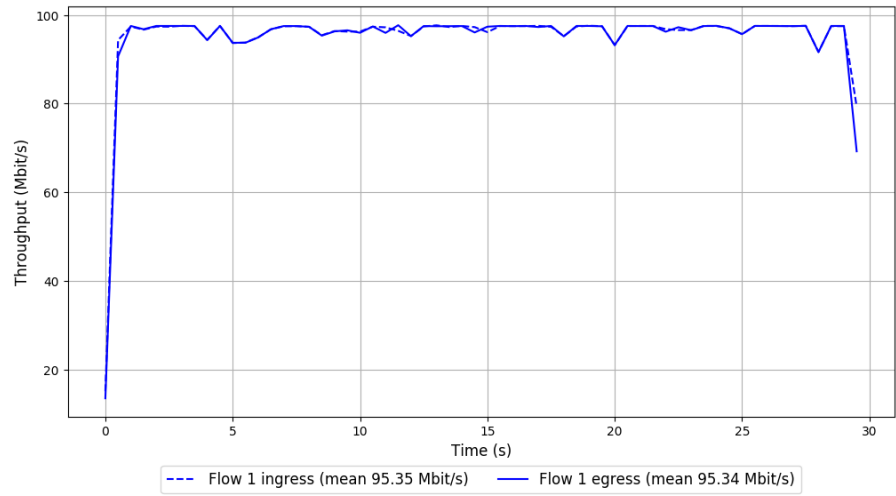
-- Flow 1:

Average throughput: 95.34 Mbit/s

95th percentile per-packet one-way delay: 29.703 ms

Loss rate: 0.26%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-03 04:05:18

End at: 2017-09-03 04:05:48

Local clock offset: -0.227 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2017-09-03 08:17:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.47 Mbit/s

95th percentile per-packet one-way delay: 30.554 ms

Loss rate: 0.41%

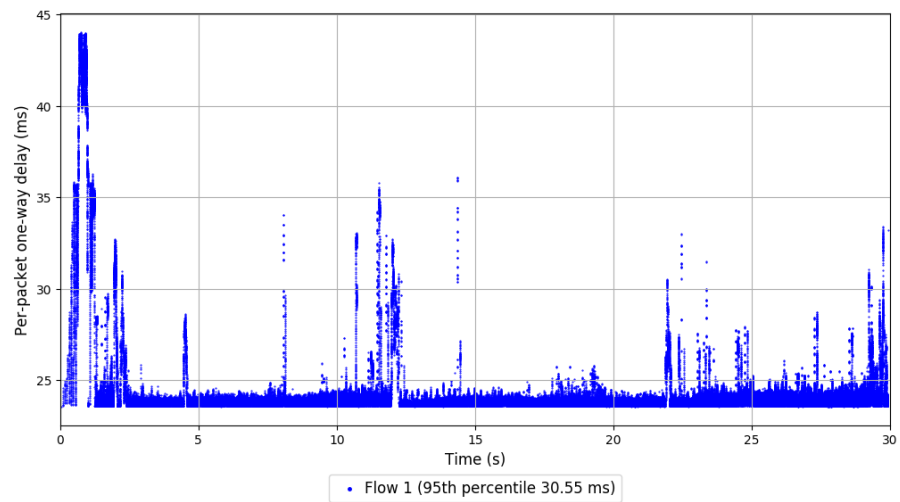
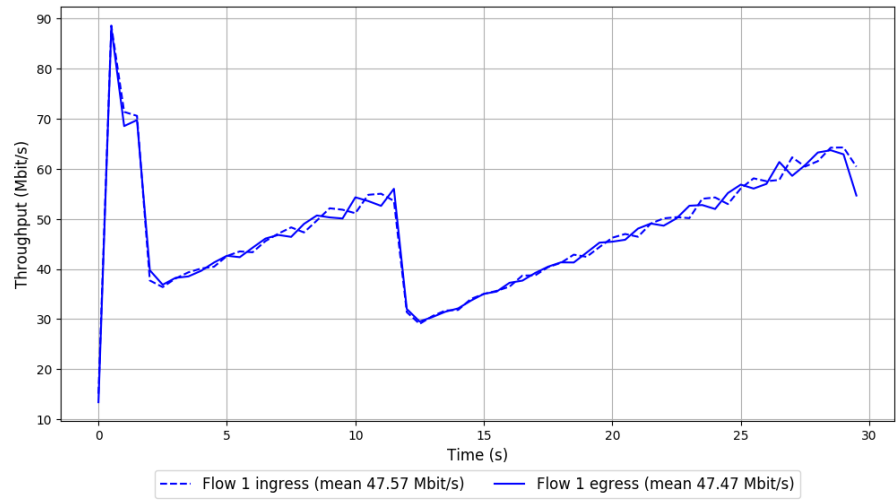
-- Flow 1:

Average throughput: 47.47 Mbit/s

95th percentile per-packet one-way delay: 30.554 ms

Loss rate: 0.41%

Run 10: Report of TCP Vegas — Data Link

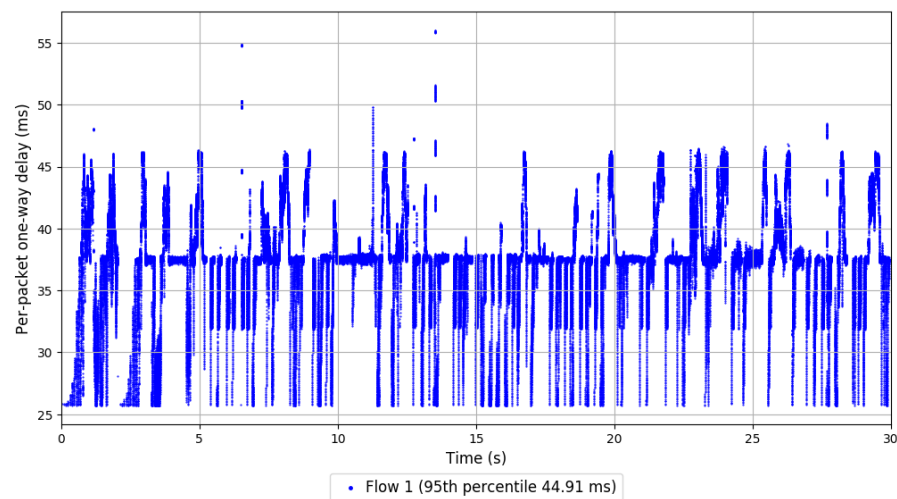
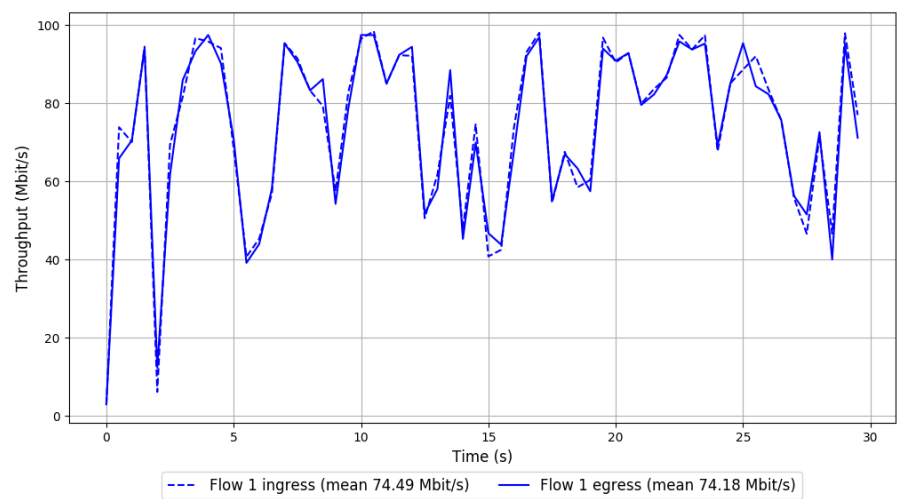


Run 1: Statistics of Verus

Start at: 2017-09-03 01:08:37
End at: 2017-09-03 01:09:07
Local clock offset: 0.863 ms
Remote clock offset: -2.904 ms

Below is generated by plot.py at 2017-09-03 08:17:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 44.905 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 44.905 ms
Loss rate: 0.62%

Run 1: Report of Verus — Data Link

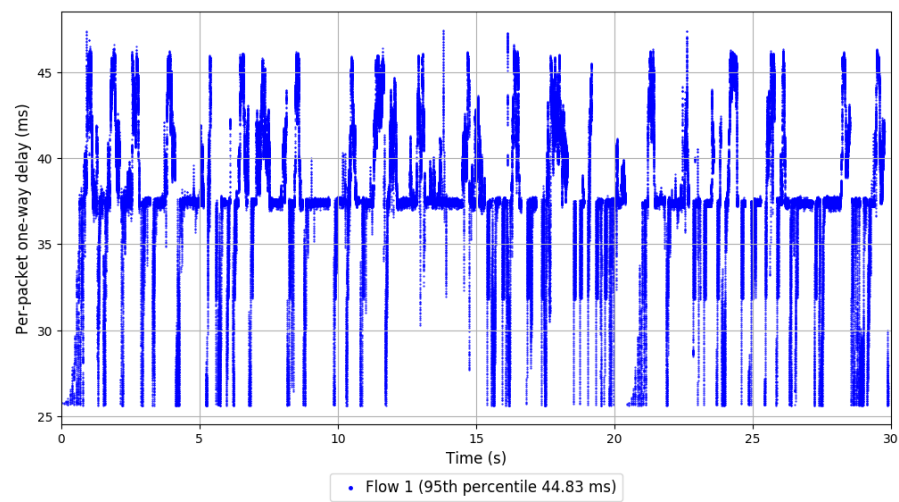
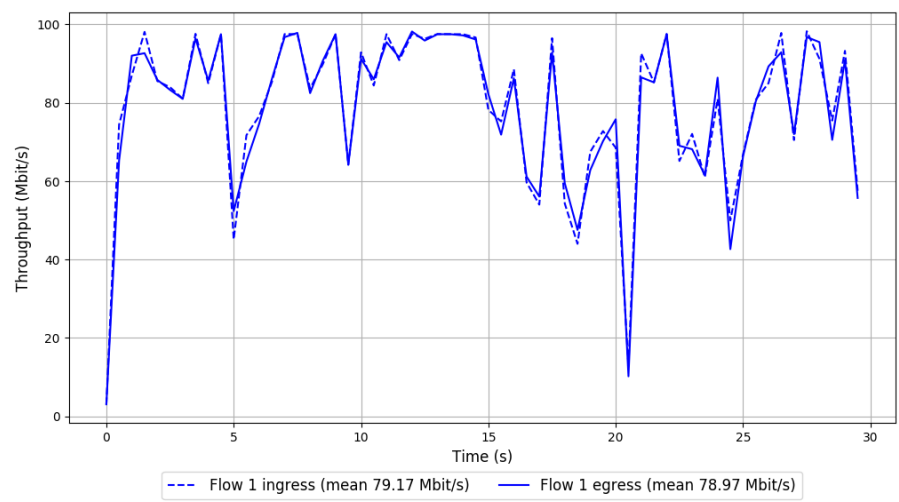


Run 2: Statistics of Verus

Start at: 2017-09-03 01:29:01
End at: 2017-09-03 01:29:31
Local clock offset: 0.829 ms
Remote clock offset: -2.498 ms

Below is generated by plot.py at 2017-09-03 08:17:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 44.829 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 44.829 ms
Loss rate: 0.50%

Run 2: Report of Verus — Data Link

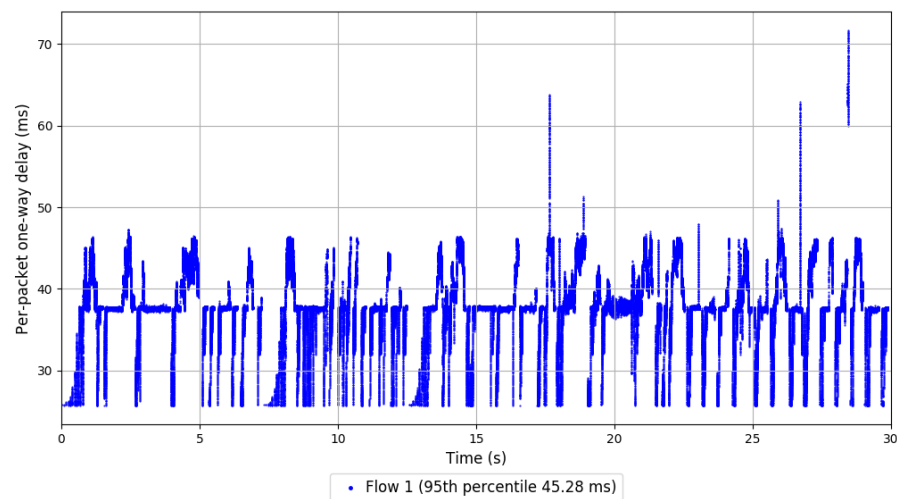
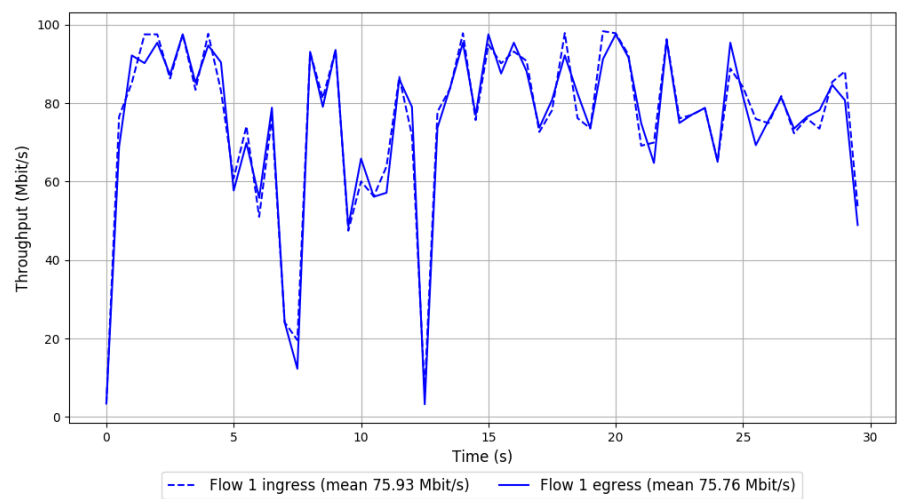


Run 3: Statistics of Verus

Start at: 2017-09-03 01:49:42
End at: 2017-09-03 01:50:12
Local clock offset: 0.838 ms
Remote clock offset: -2.039 ms

Below is generated by plot.py at 2017-09-03 08:17:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.76 Mbit/s
95th percentile per-packet one-way delay: 45.277 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 75.76 Mbit/s
95th percentile per-packet one-way delay: 45.277 ms
Loss rate: 0.61%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-09-03 02:10:30

End at: 2017-09-03 02:11:00

Local clock offset: 0.453 ms

Remote clock offset: 0.857 ms

Below is generated by plot.py at 2017-09-03 08:17:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.53 Mbit/s

95th percentile per-packet one-way delay: 43.273 ms

Loss rate: 0.90%

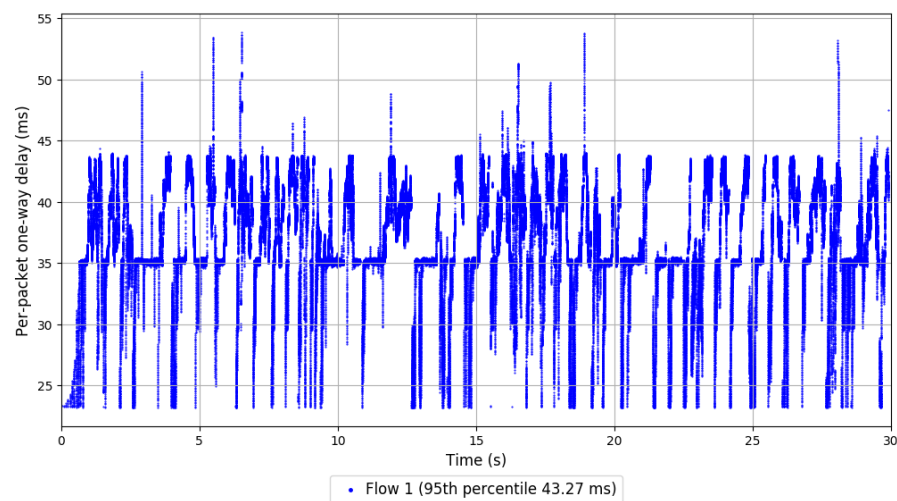
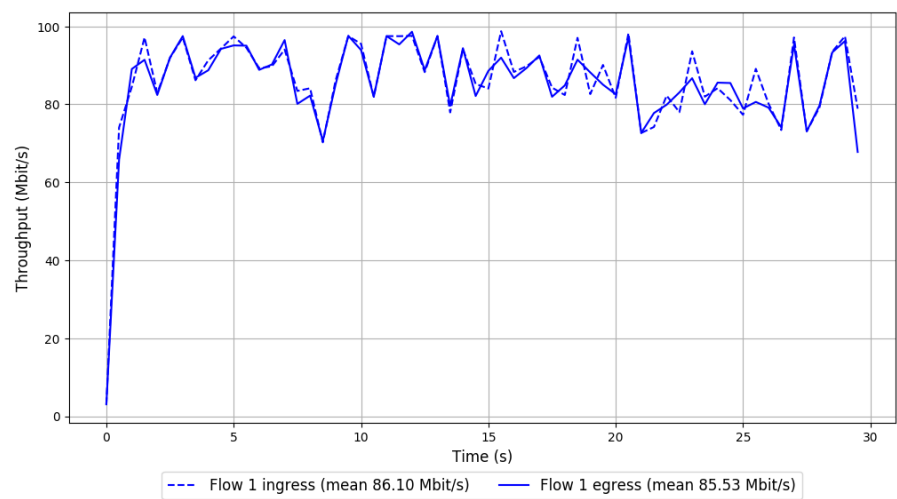
-- Flow 1:

Average throughput: 85.53 Mbit/s

95th percentile per-packet one-way delay: 43.273 ms

Loss rate: 0.90%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-09-03 02:30:51

End at: 2017-09-03 02:31:22

Local clock offset: -0.01 ms

Remote clock offset: 1.059 ms

Below is generated by plot.py at 2017-09-03 08:17:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.19 Mbit/s

95th percentile per-packet one-way delay: 41.323 ms

Loss rate: 0.60%

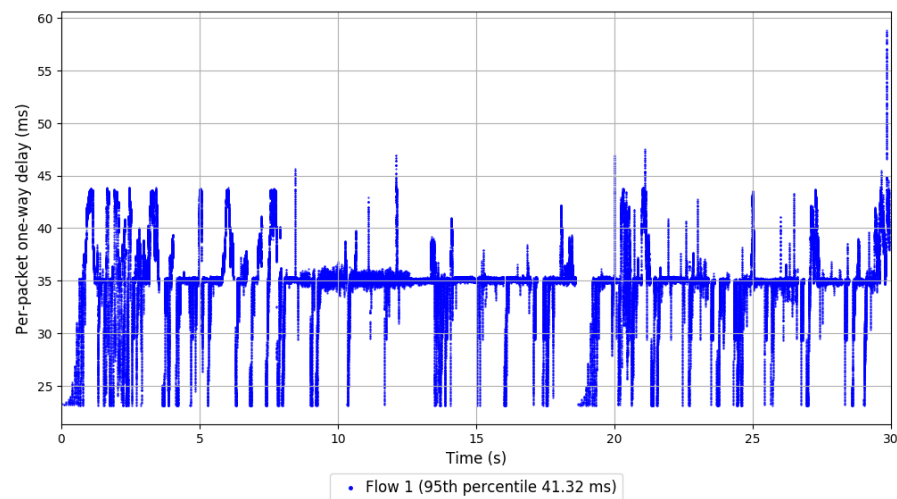
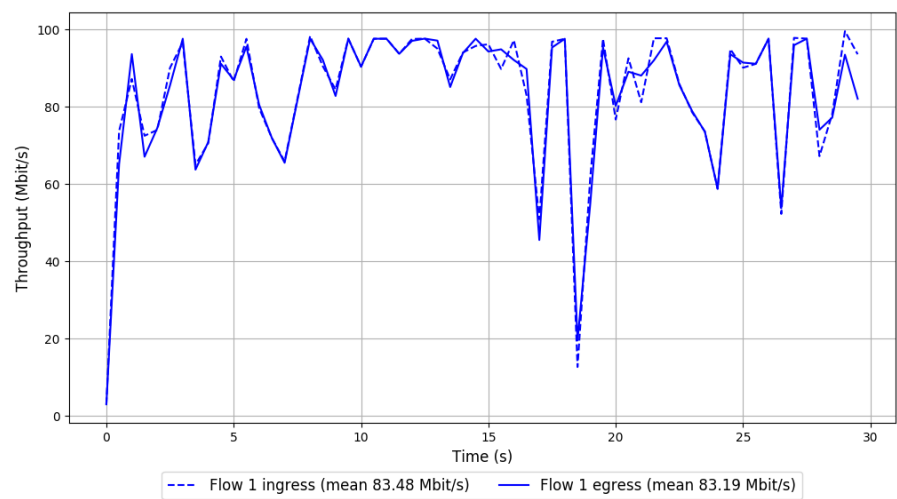
-- Flow 1:

Average throughput: 83.19 Mbit/s

95th percentile per-packet one-way delay: 41.323 ms

Loss rate: 0.60%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-09-03 02:51:05

End at: 2017-09-03 02:51:35

Local clock offset: -0.303 ms

Remote clock offset: 1.015 ms

Below is generated by plot.py at 2017-09-03 08:18:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 35.463 ms

Loss rate: 0.22%

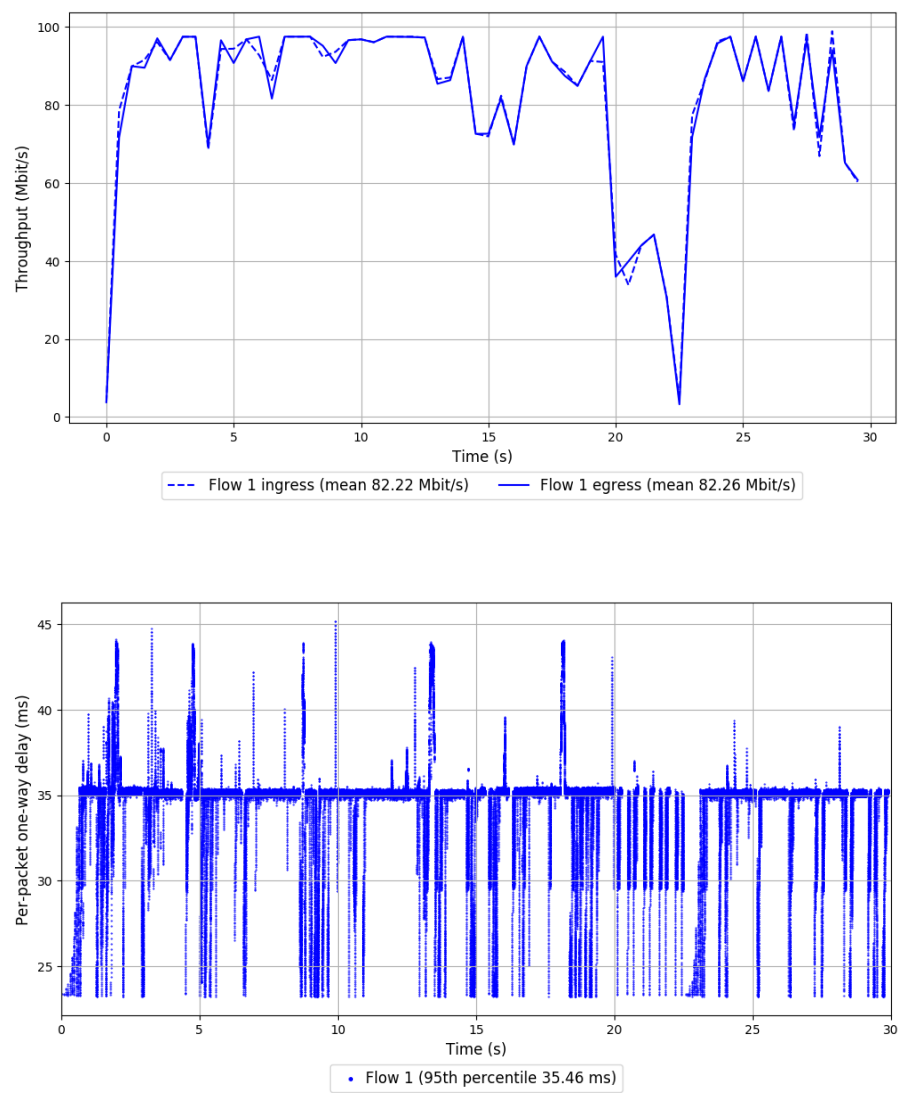
-- Flow 1:

Average throughput: 82.26 Mbit/s

95th percentile per-packet one-way delay: 35.463 ms

Loss rate: 0.22%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-09-03 03:11:25

End at: 2017-09-03 03:11:55

Local clock offset: -0.561 ms

Remote clock offset: 0.287 ms

Below is generated by plot.py at 2017-09-03 08:18:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 35.610 ms

Loss rate: 0.48%

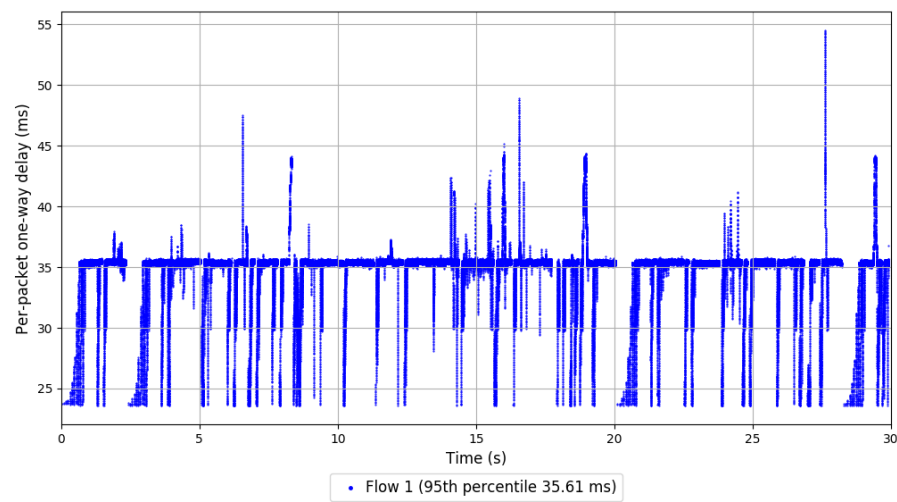
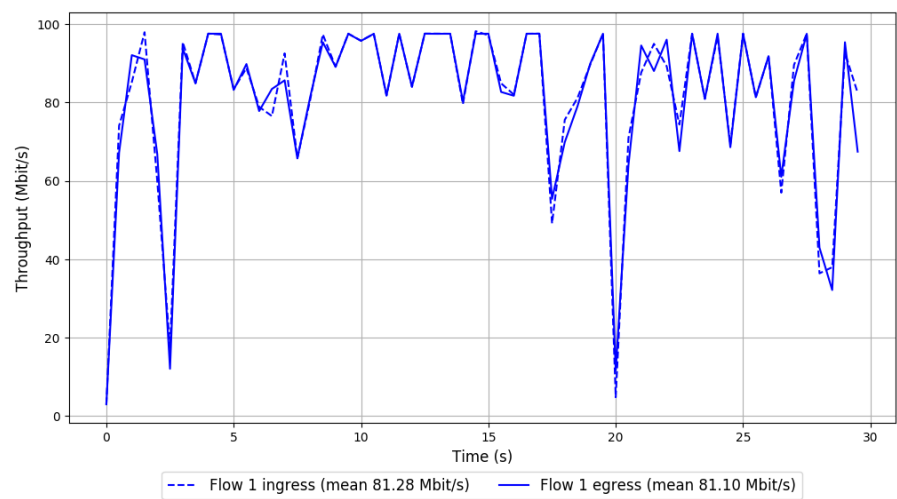
-- Flow 1:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 35.610 ms

Loss rate: 0.48%

Run 7: Report of Verus — Data Link

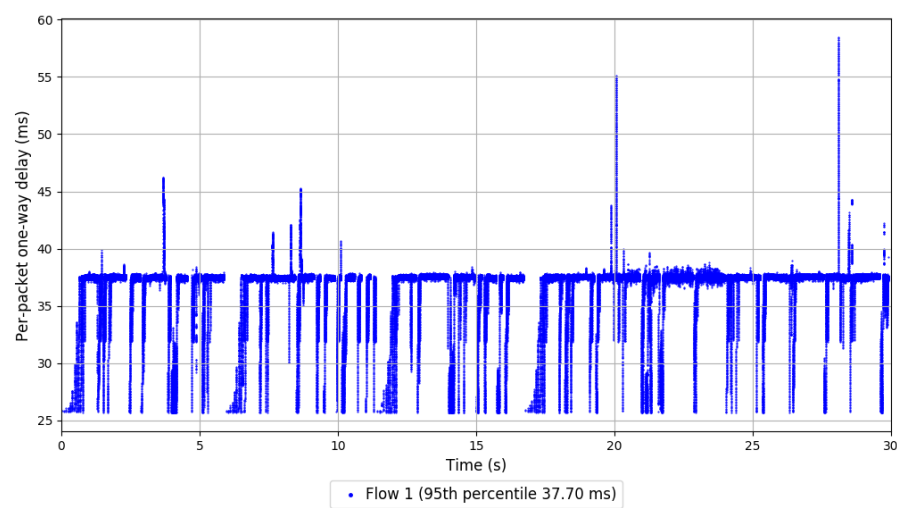
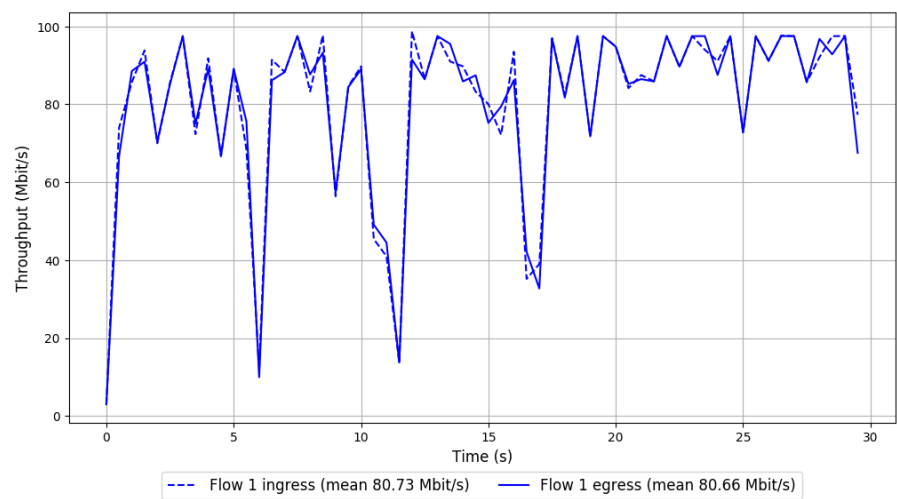


Run 8: Statistics of Verus

Start at: 2017-09-03 03:31:40
End at: 2017-09-03 03:32:10
Local clock offset: -0.402 ms
Remote clock offset: -1.933 ms

Below is generated by plot.py at 2017-09-03 08:18:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 37.701 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 80.66 Mbit/s
95th percentile per-packet one-way delay: 37.701 ms
Loss rate: 0.36%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-09-03 03:51:50

End at: 2017-09-03 03:52:20

Local clock offset: -0.347 ms

Remote clock offset: -2.03 ms

Below is generated by plot.py at 2017-09-03 08:18:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 37.810 ms

Loss rate: 0.32%

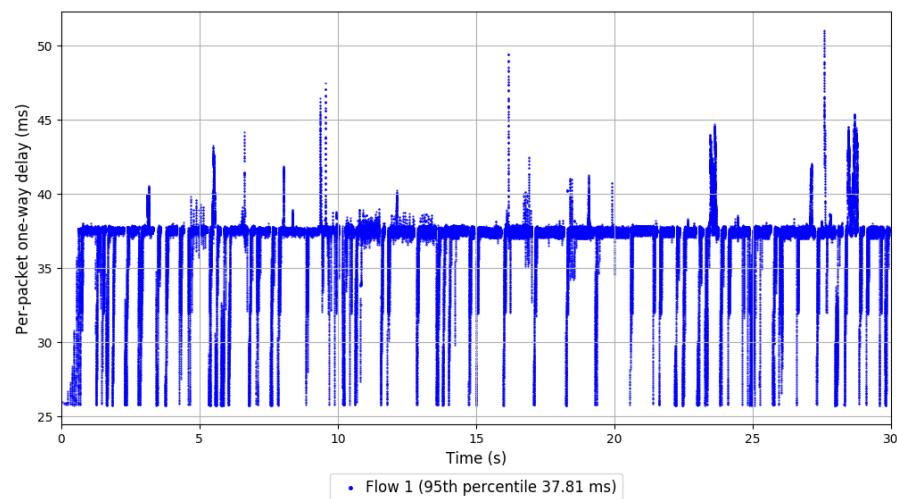
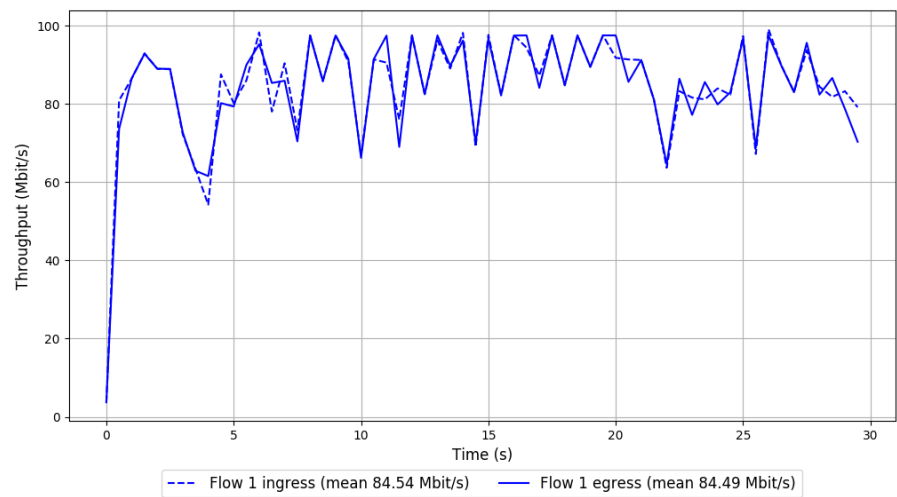
-- Flow 1:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 37.810 ms

Loss rate: 0.32%

Run 9: Report of Verus — Data Link

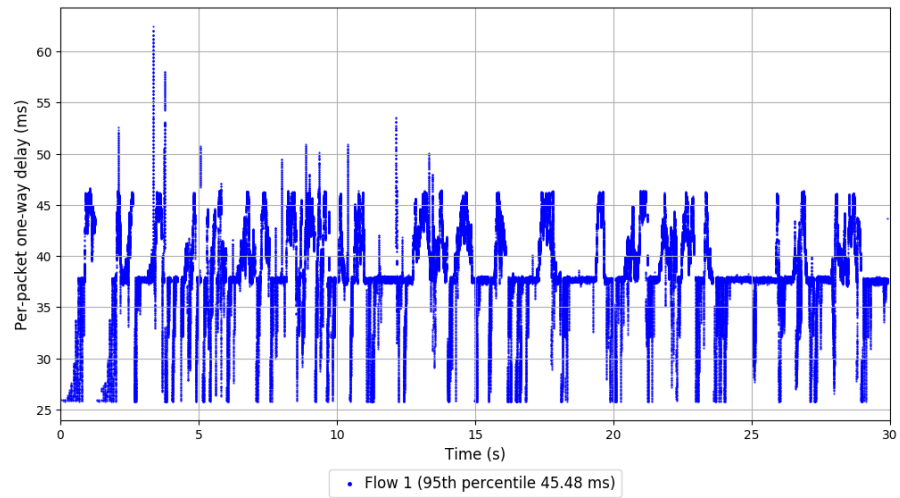
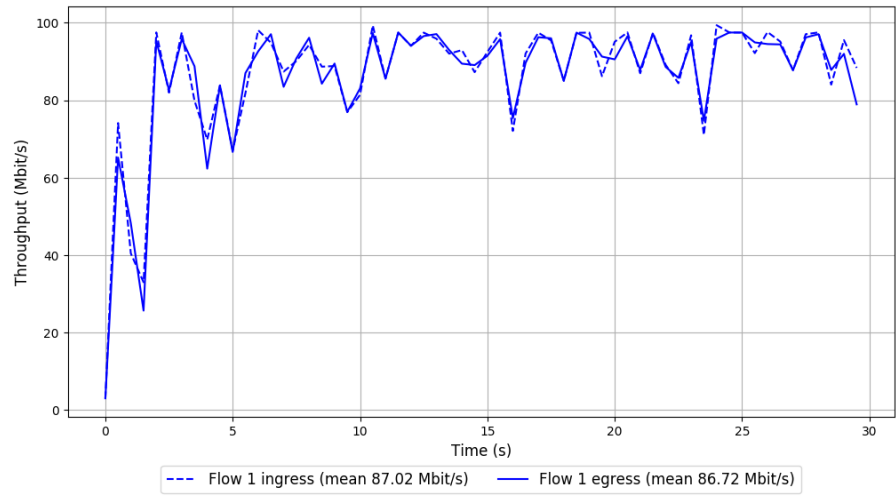


Run 10: Statistics of Verus

Start at: 2017-09-03 04:12:03
End at: 2017-09-03 04:12:33
Local clock offset: -0.147 ms
Remote clock offset: -2.126 ms

Below is generated by plot.py at 2017-09-03 08:18:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 45.485 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 86.72 Mbit/s
95th percentile per-packet one-way delay: 45.485 ms
Loss rate: 0.59%

Run 10: Report of Verus — Data Link

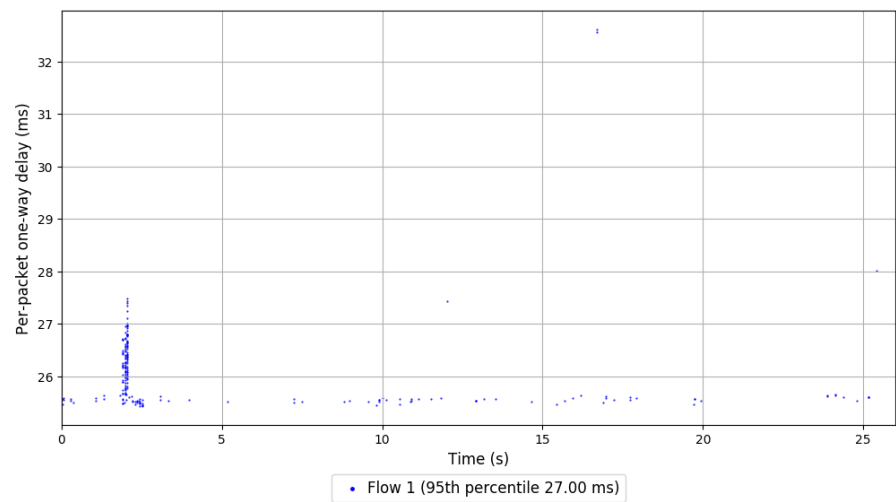
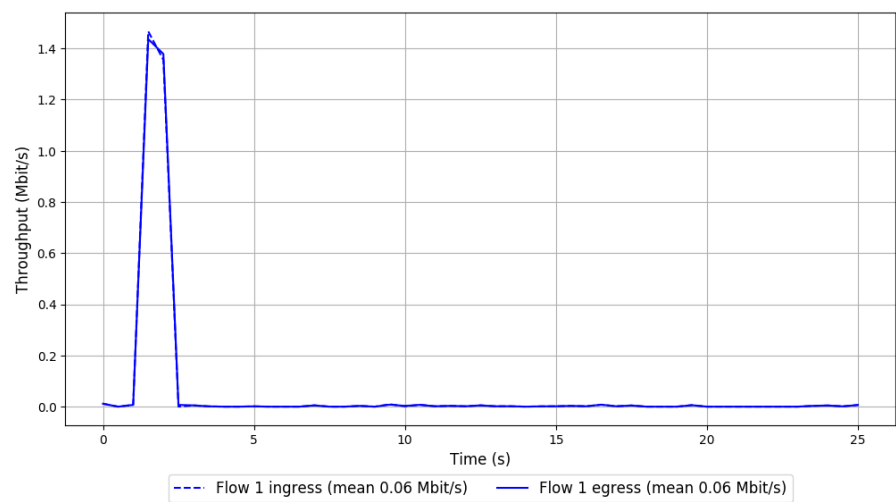


Run 1: Statistics of WebRTC media

Start at: 2017-09-03 00:54:04
End at: 2017-09-03 00:54:34
Local clock offset: 0.932 ms
Remote clock offset: -2.832 ms

Below is generated by plot.py at 2017-09-03 08:18:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 27.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 27.003 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

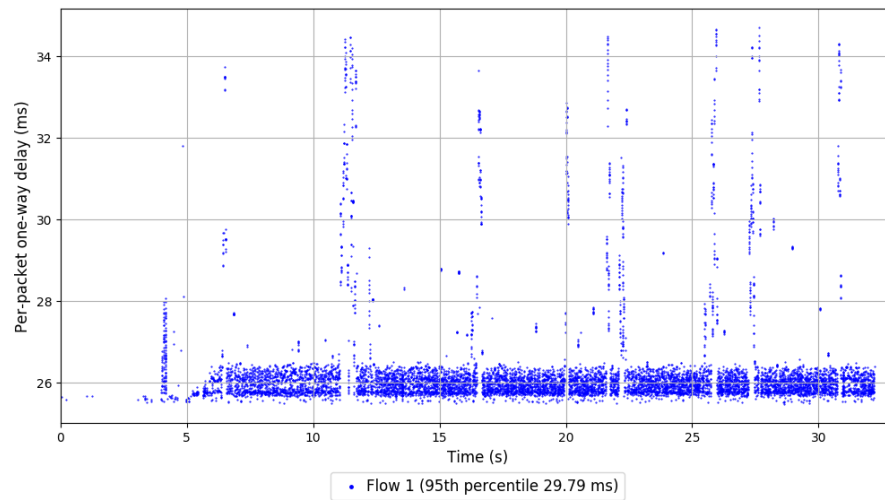
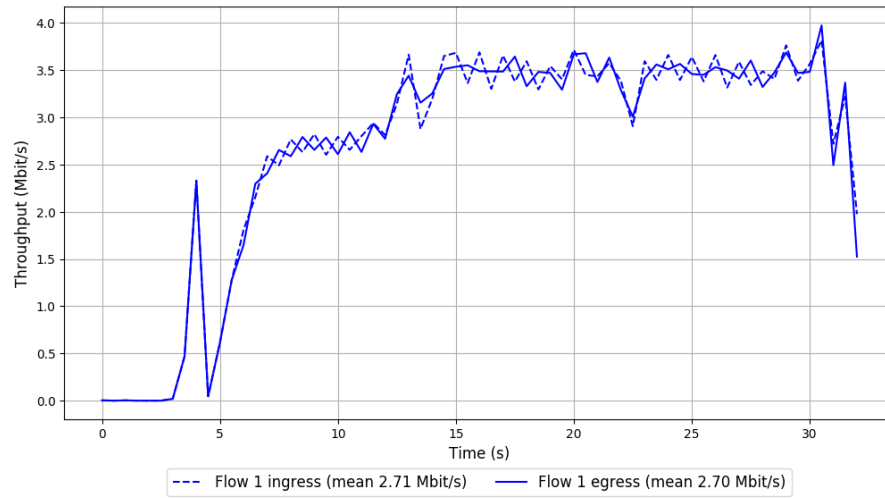


Run 2: Statistics of WebRTC media

Start at: 2017-09-03 01:14:09
End at: 2017-09-03 01:14:39
Local clock offset: 0.903 ms
Remote clock offset: -2.747 ms

Below is generated by plot.py at 2017-09-03 08:18:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 29.785 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 29.785 ms
Loss rate: 0.38%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-09-03 01:34:43

End at: 2017-09-03 01:35:13

Local clock offset: 0.888 ms

Remote clock offset: -2.56 ms

Below is generated by plot.py at 2017-09-03 08:18:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.54 Mbit/s

95th percentile per-packet one-way delay: 30.621 ms

Loss rate: 0.37%

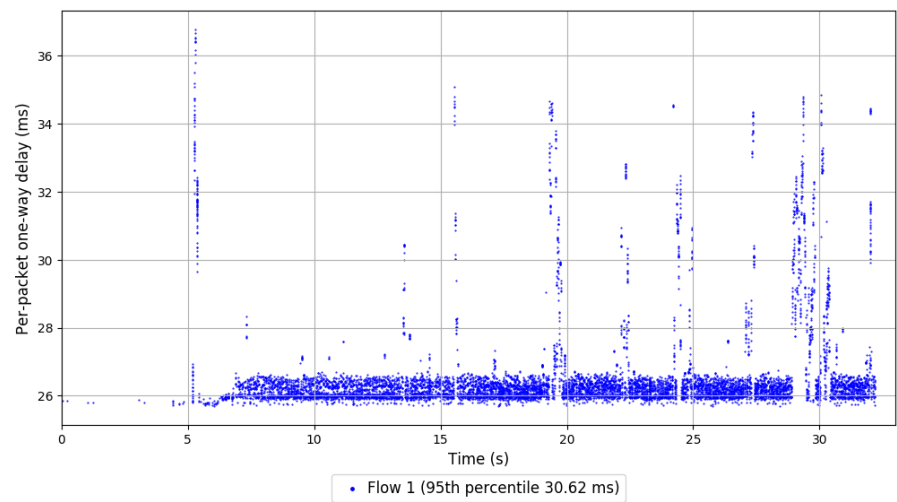
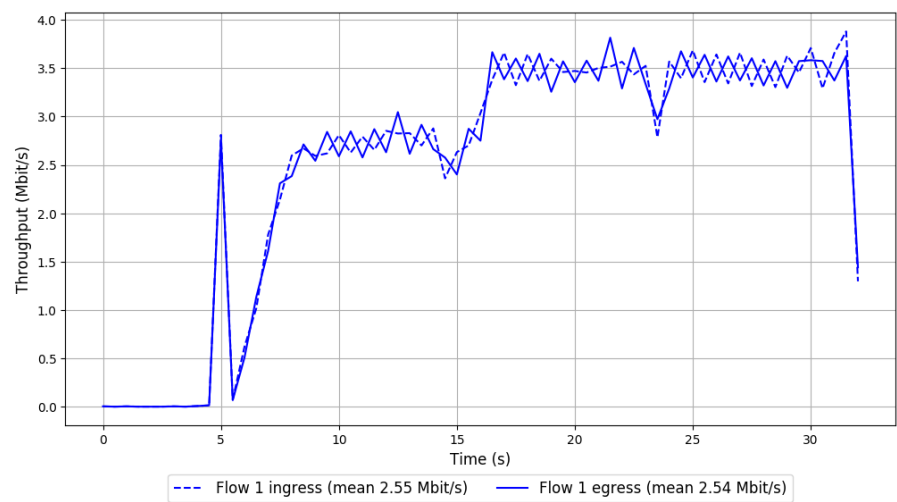
-- Flow 1:

Average throughput: 2.54 Mbit/s

95th percentile per-packet one-way delay: 30.621 ms

Loss rate: 0.37%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-09-03 01:55:16

End at: 2017-09-03 01:55:46

Local clock offset: 0.822 ms

Remote clock offset: 0.608 ms

Below is generated by plot.py at 2017-09-03 08:18:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 23.831 ms

Loss rate: 0.32%

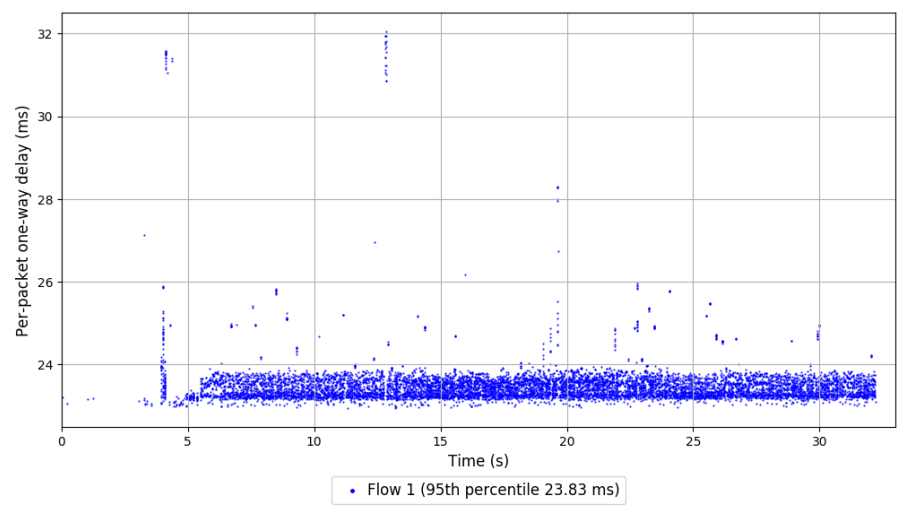
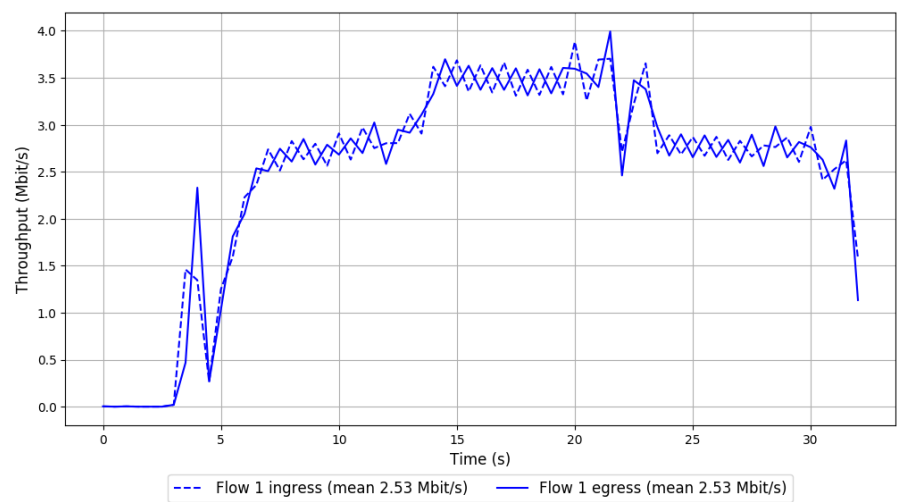
-- Flow 1:

Average throughput: 2.53 Mbit/s

95th percentile per-packet one-way delay: 23.831 ms

Loss rate: 0.32%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-09-03 02:16:01

End at: 2017-09-03 02:16:31

Local clock offset: 0.226 ms

Remote clock offset: 0.951 ms

Below is generated by plot.py at 2017-09-03 08:18:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.60 Mbit/s

95th percentile per-packet one-way delay: 26.284 ms

Loss rate: 0.35%

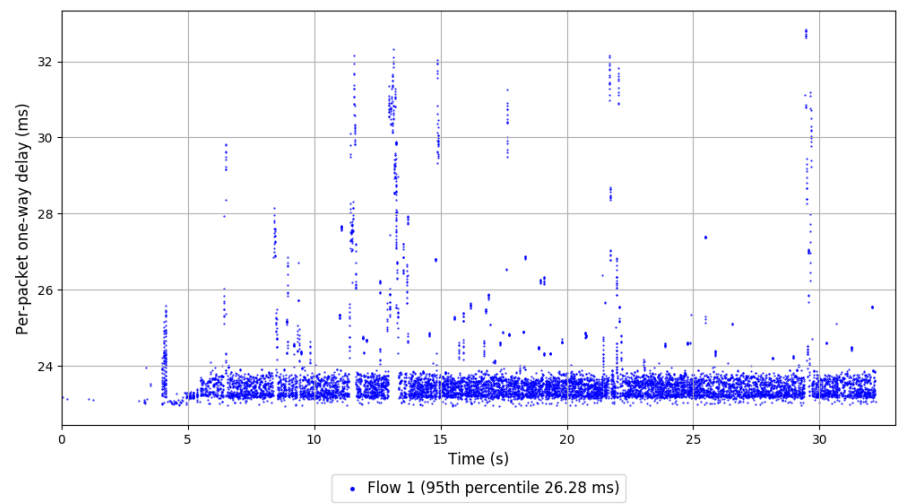
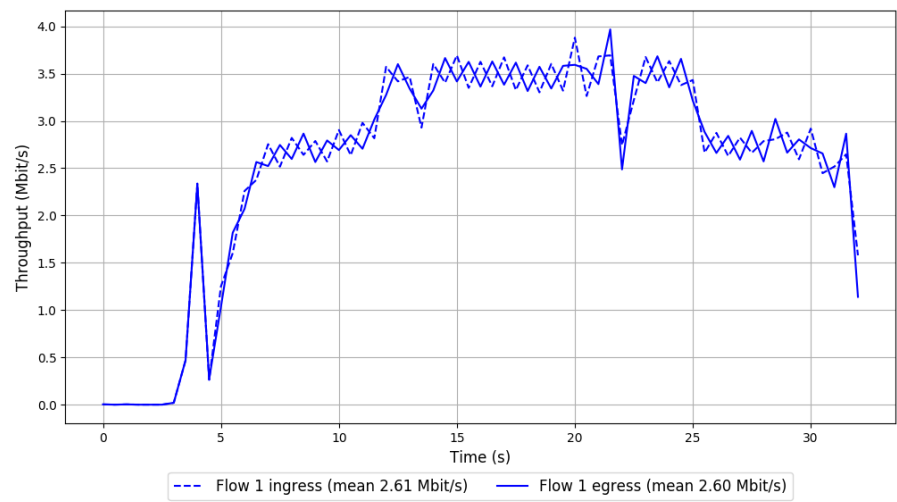
-- Flow 1:

Average throughput: 2.60 Mbit/s

95th percentile per-packet one-way delay: 26.284 ms

Loss rate: 0.35%

Run 5: Report of WebRTC media — Data Link

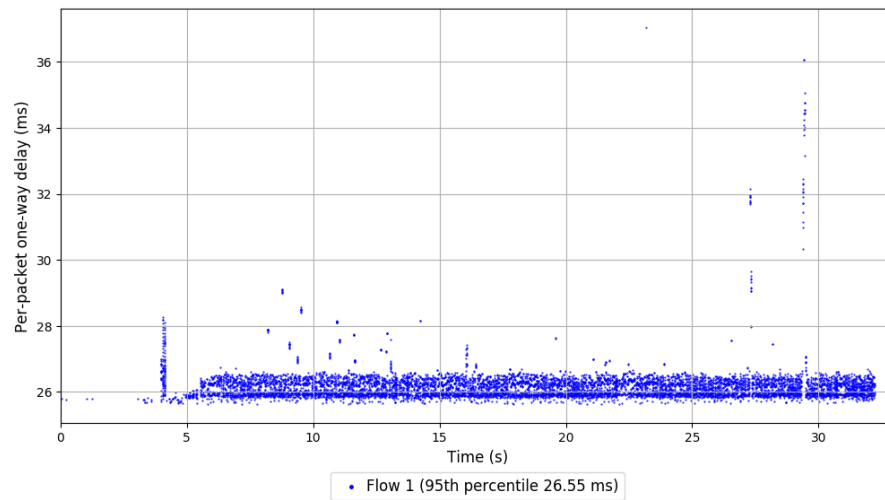
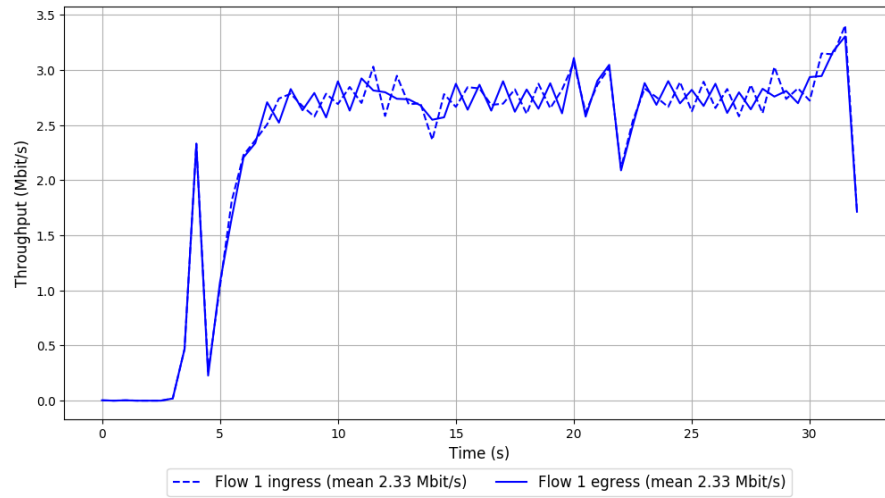


Run 6: Statistics of WebRTC media

Start at: 2017-09-03 02:36:24
End at: 2017-09-03 02:36:54
Local clock offset: -0.014 ms
Remote clock offset: -1.477 ms

Below is generated by plot.py at 2017-09-03 08:18:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 26.545 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 26.545 ms
Loss rate: 0.26%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-09-03 02:56:35

End at: 2017-09-03 02:57:05

Local clock offset: -0.442 ms

Remote clock offset: 0.516 ms

Below is generated by plot.py at 2017-09-03 08:18:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 24.266 ms

Loss rate: 0.30%

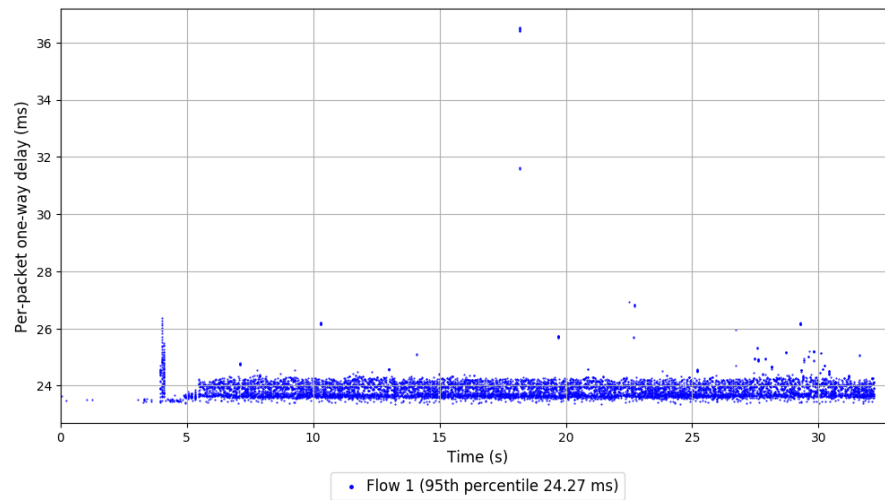
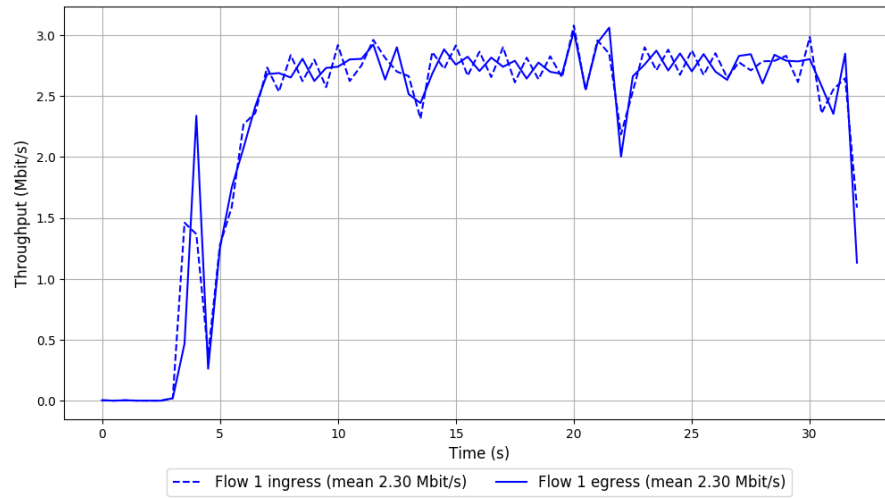
-- Flow 1:

Average throughput: 2.30 Mbit/s

95th percentile per-packet one-way delay: 24.266 ms

Loss rate: 0.30%

Run 7: Report of WebRTC media — Data Link

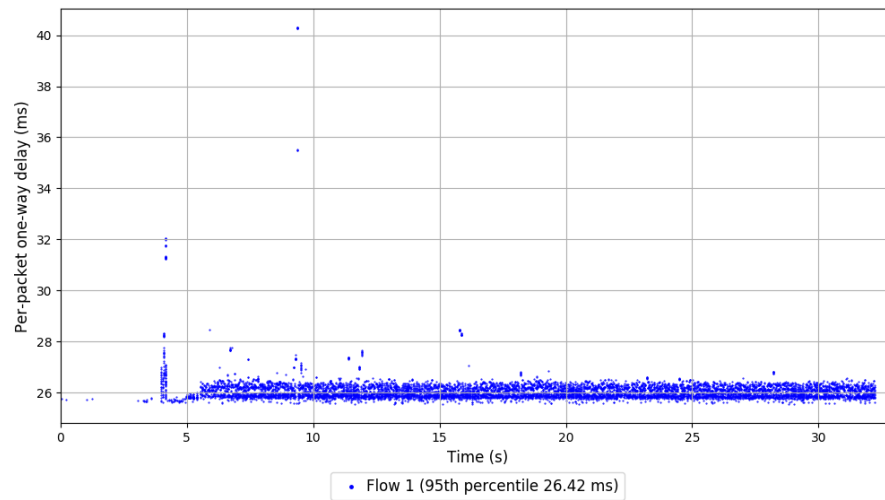
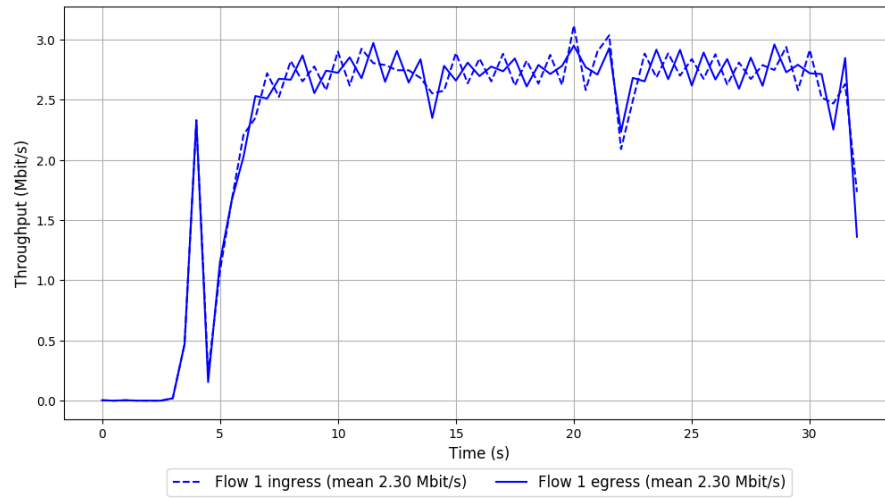


Run 8: Statistics of WebRTC media

Start at: 2017-09-03 03:16:56
End at: 2017-09-03 03:17:26
Local clock offset: -0.421 ms
Remote clock offset: -1.835 ms

Below is generated by plot.py at 2017-09-03 08:18:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 26.416 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 26.416 ms
Loss rate: 0.25%

Run 8: Report of WebRTC media — Data Link

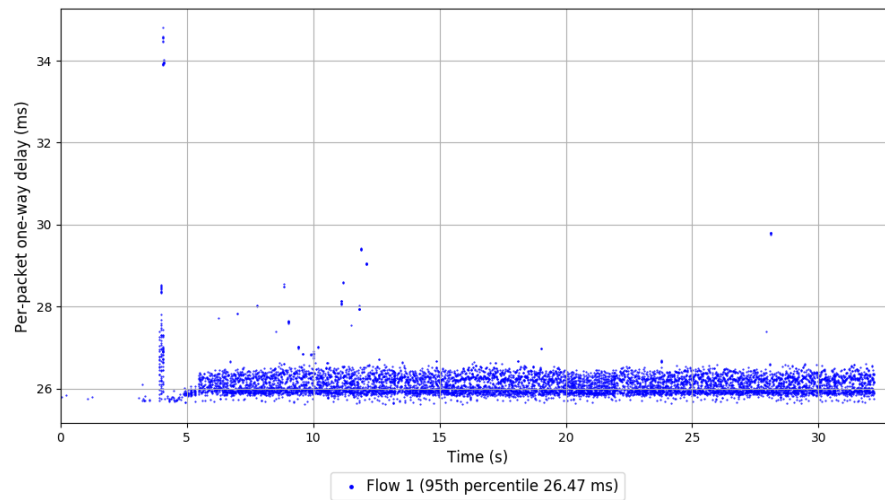
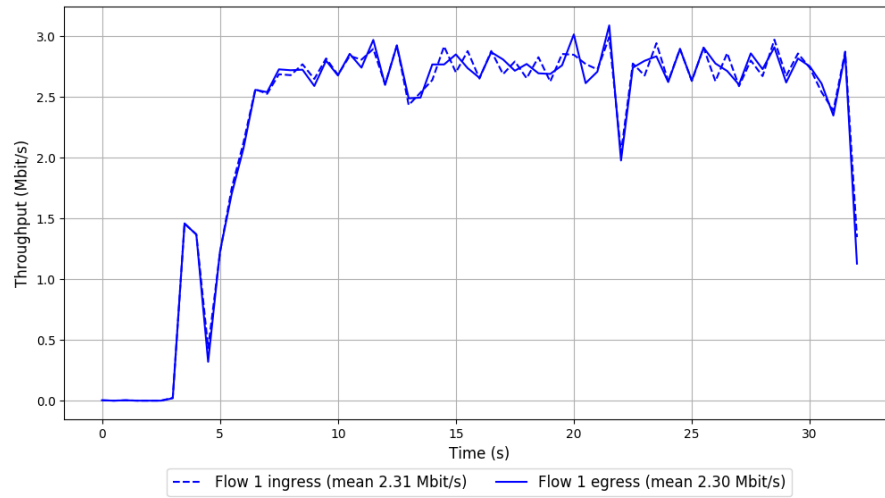


Run 9: Statistics of WebRTC media

Start at: 2017-09-03 03:37:09
End at: 2017-09-03 03:37:39
Local clock offset: -0.374 ms
Remote clock offset: -2.009 ms

Below is generated by plot.py at 2017-09-03 08:18:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 26.470 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 26.470 ms
Loss rate: 0.30%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-03 03:57:19

End at: 2017-09-03 03:57:49

Local clock offset: -0.232 ms

Remote clock offset: 0.116 ms

Below is generated by plot.py at 2017-09-03 08:18:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 24.221 ms

Loss rate: 0.29%

-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 24.221 ms

Loss rate: 0.29%

Run 10: Report of WebRTC media — Data Link

