

Pantheon Report

Generated at 2017-09-03 11:40:43 (UTC).

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

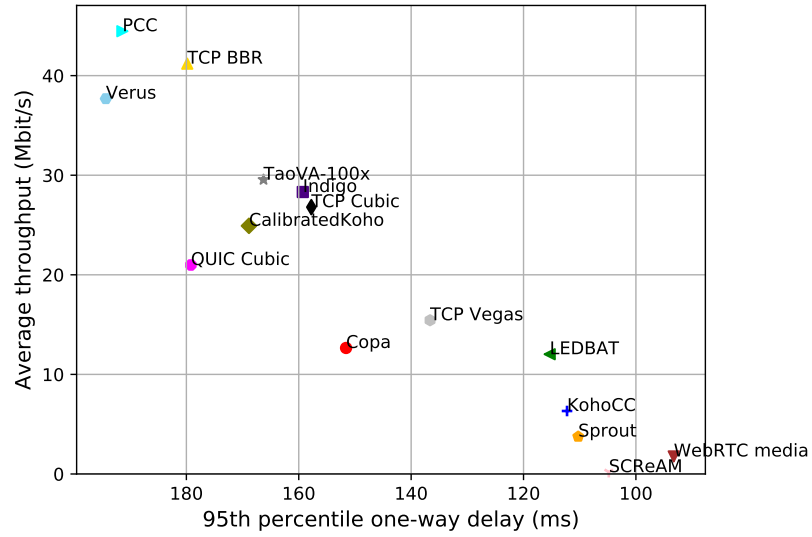
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

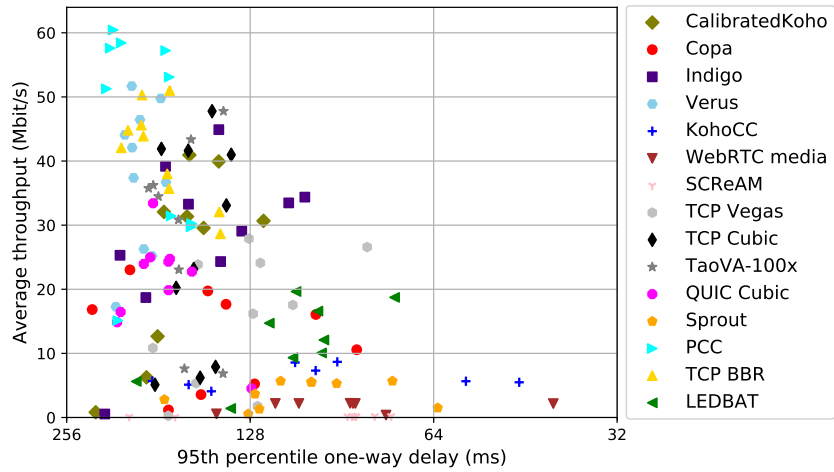
Git summary:

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



test from China Ethernet to AWS Korea 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	41.20	179.84	8.38
CalibratedKoho	9	24.92	168.86	1.54
Copa	9	12.66	151.58	1.23
TCP Cubic	10	26.79	157.76	1.03
Indigo	10	28.31	159.28	1.43
KohoCC	8	6.32	112.26	0.75
LEDBAT	9	12.02	115.35	0.92
PCC	10	44.46	191.38	10.03
QUIC Cubic	10	20.99	179.20	2.33
SCReAM	10	0.19	104.83	0.71
Sprout	10	3.76	110.27	0.80
TaoVA-100x	9	29.55	166.27	1.44
TCP Vegas	10	15.44	136.64	1.44
Verus	10	37.69	194.33	6.53
WebRTC media	8	1.76	93.27	1.16

Run 1: Statistics of TCP BBR

Start at: 2017-09-03 05:33:41

End at: 2017-09-03 05:34:11

Local clock offset: -2.608 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2017-09-03 11:36:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.07 Mbit/s

95th percentile per-packet one-way delay: 208.290 ms

Loss rate: 7.90%

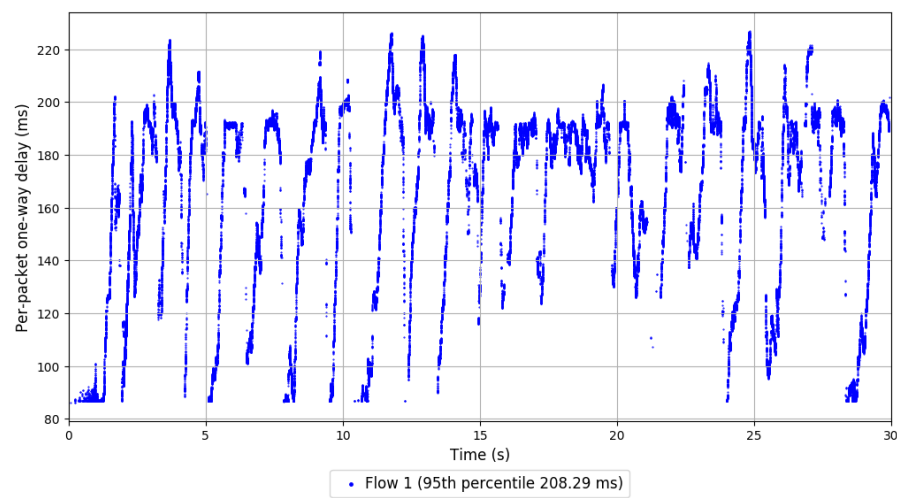
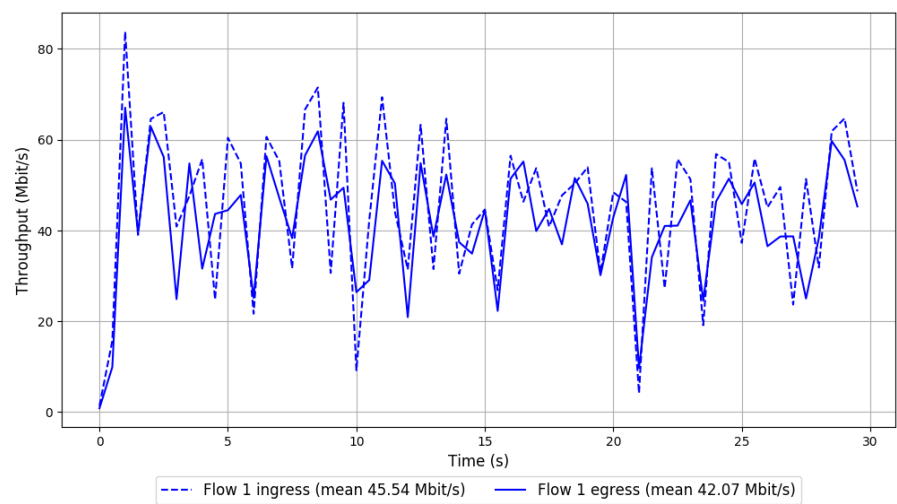
-- Flow 1:

Average throughput: 42.07 Mbit/s

95th percentile per-packet one-way delay: 208.290 ms

Loss rate: 7.90%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-09-03 05:51:54

End at: 2017-09-03 05:52:24

Local clock offset: -2.729 ms

Remote clock offset: -0.1 ms

Below is generated by plot.py at 2017-09-03 11:36:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.87 Mbit/s

95th percentile per-packet one-way delay: 191.641 ms

Loss rate: 6.64%

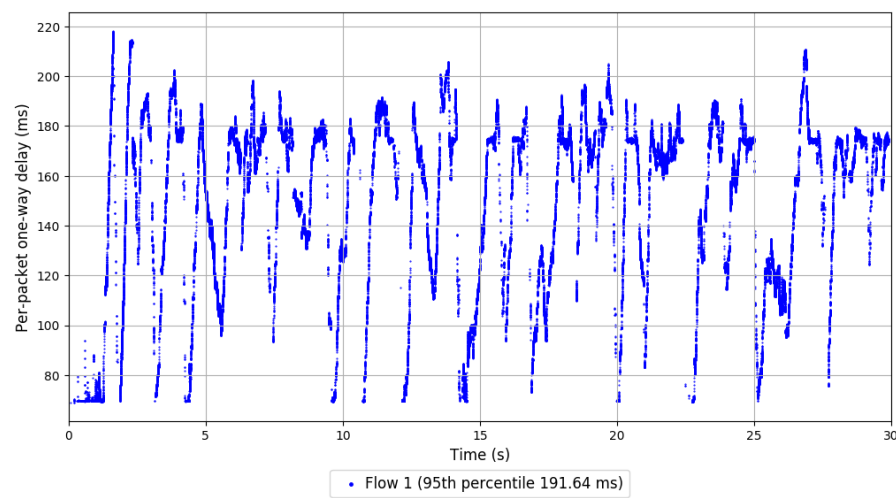
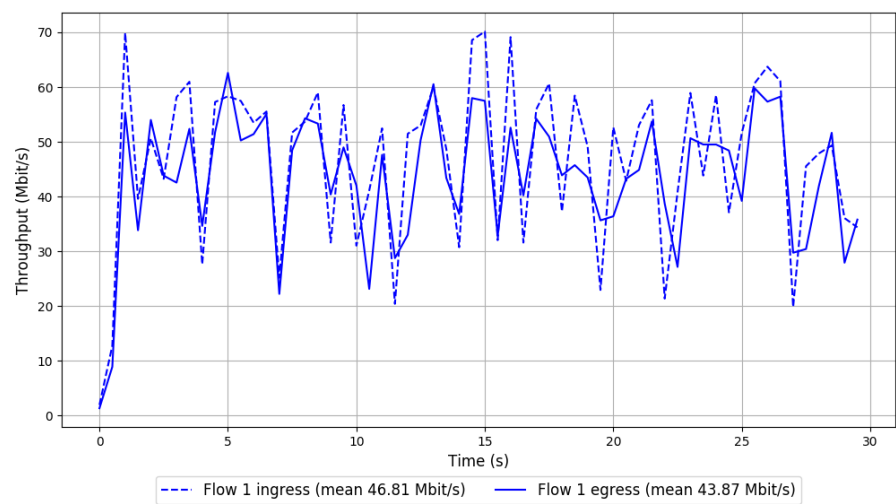
-- Flow 1:

Average throughput: 43.87 Mbit/s

95th percentile per-packet one-way delay: 191.641 ms

Loss rate: 6.64%

Run 2: Report of TCP BBR — Data Link

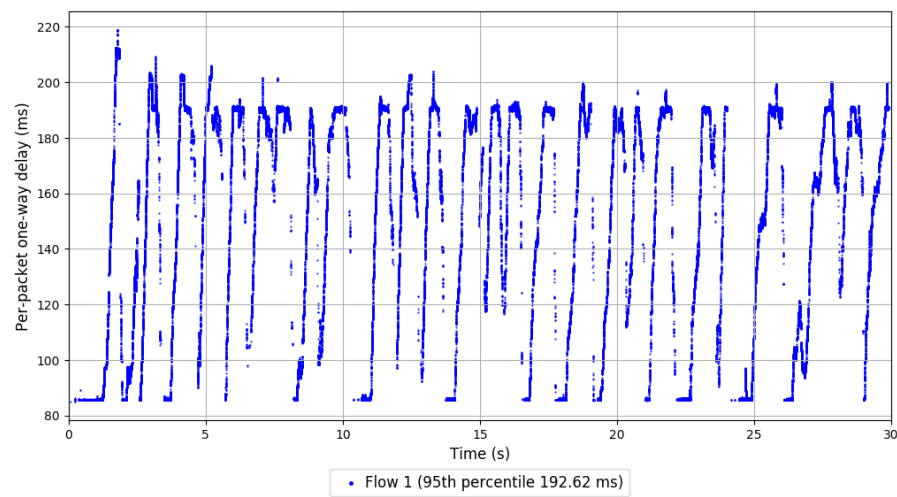
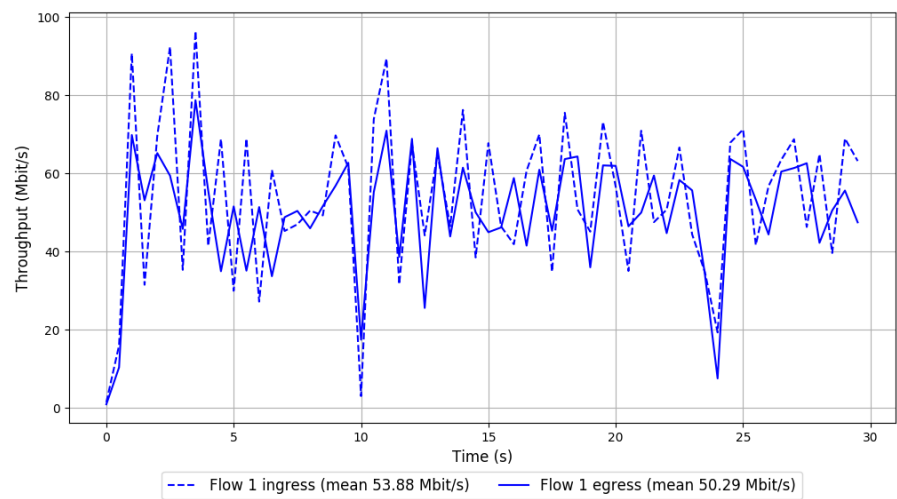


Run 3: Statistics of TCP BBR

Start at: 2017-09-03 06:09:58
End at: 2017-09-03 06:10:28
Local clock offset: -3.796 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2017-09-03 11:36:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 192.622 ms
Loss rate: 7.08%
-- Flow 1:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 192.622 ms
Loss rate: 7.08%

Run 3: Report of TCP BBR — Data Link

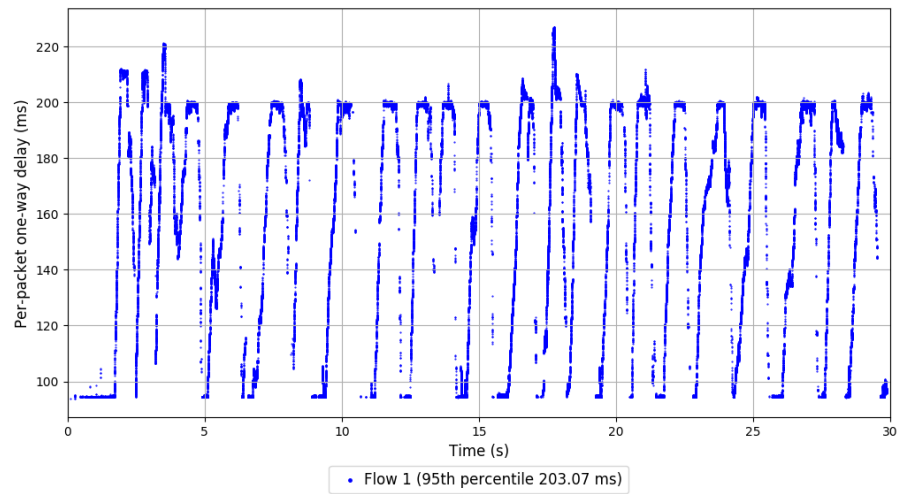
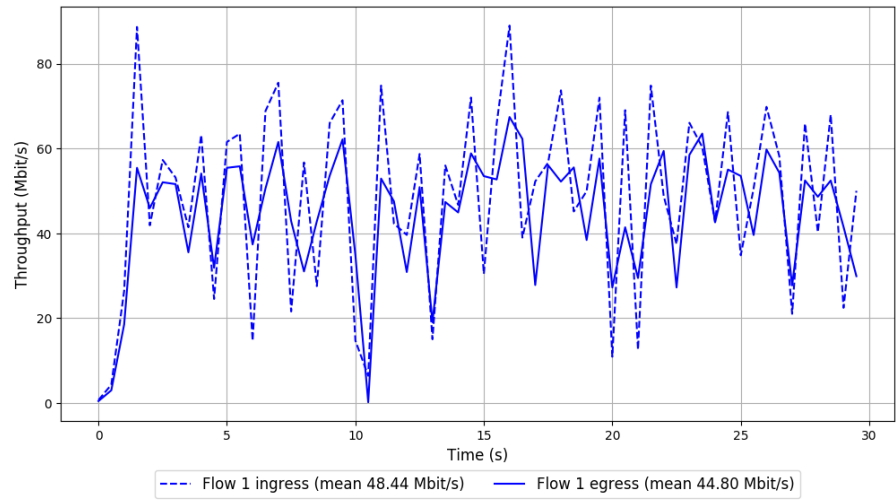


Run 4: Statistics of TCP BBR

Start at: 2017-09-03 06:28:46
End at: 2017-09-03 06:29:16
Local clock offset: -3.504 ms
Remote clock offset: -25.873 ms

Below is generated by plot.py at 2017-09-03 11:36:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 203.073 ms
Loss rate: 8.02%
-- Flow 1:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 203.073 ms
Loss rate: 8.02%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-03 06:47:29

End at: 2017-09-03 06:47:59

Local clock offset: -3.938 ms

Remote clock offset: 30.04 ms

Below is generated by plot.py at 2017-09-03 11:36:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.07 Mbit/s

95th percentile per-packet one-way delay: 143.872 ms

Loss rate: 10.86%

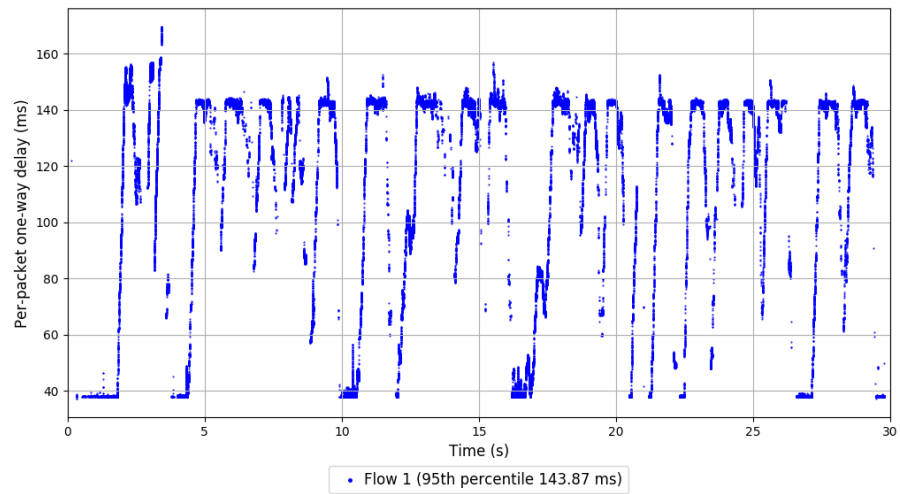
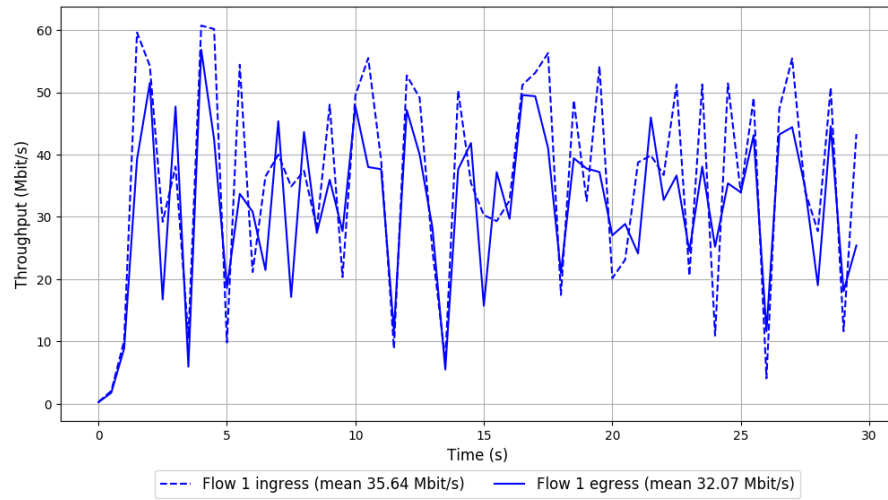
-- Flow 1:

Average throughput: 32.07 Mbit/s

95th percentile per-packet one-way delay: 143.872 ms

Loss rate: 10.86%

Run 5: Report of TCP BBR — Data Link

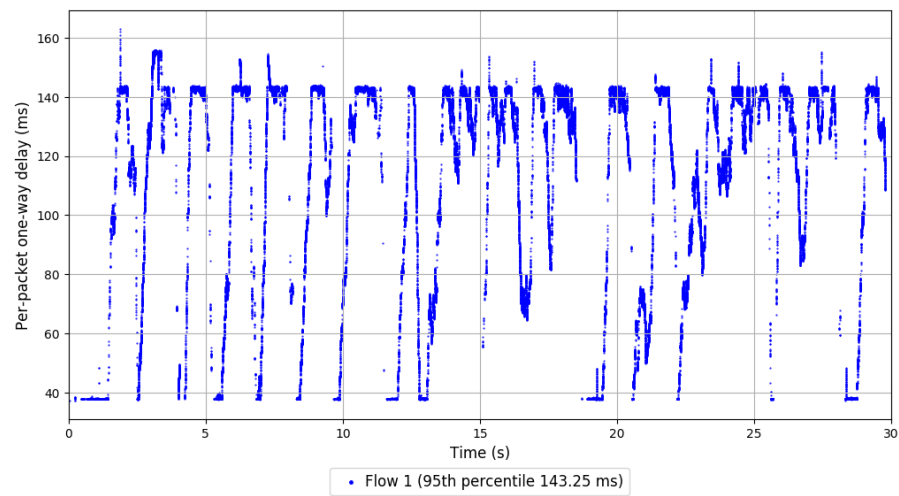
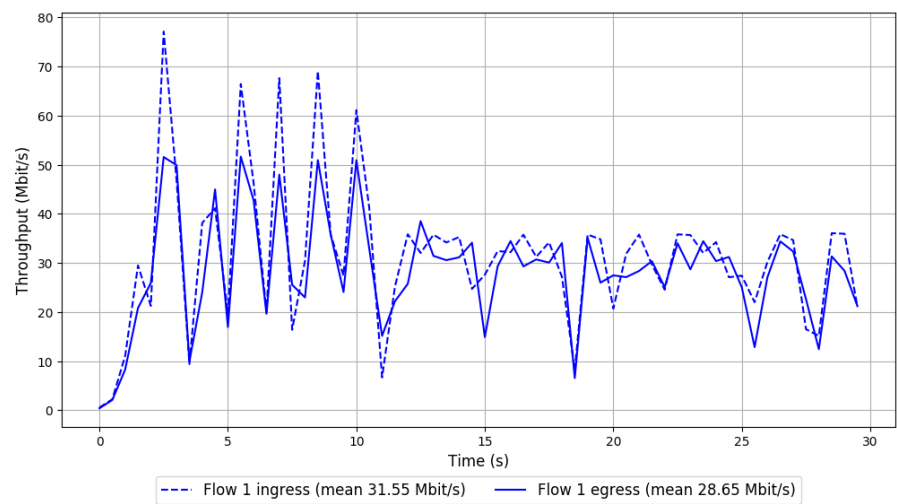


Run 6: Statistics of TCP BBR

Start at: 2017-09-03 07:06:23
End at: 2017-09-03 07:06:53
Local clock offset: -3.694 ms
Remote clock offset: 30.187 ms

Below is generated by plot.py at 2017-09-03 11:36:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 143.253 ms
Loss rate: 9.83%
-- Flow 1:
Average throughput: 28.65 Mbit/s
95th percentile per-packet one-way delay: 143.253 ms
Loss rate: 9.83%

Run 6: Report of TCP BBR — Data Link

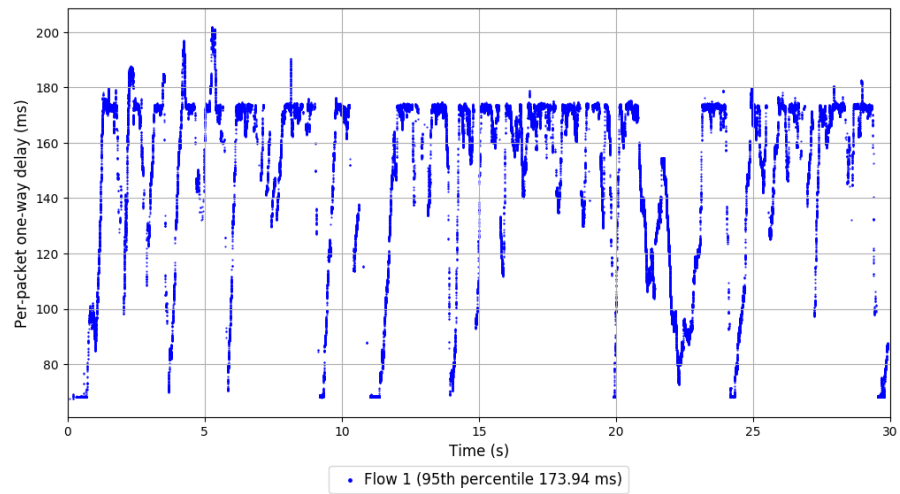
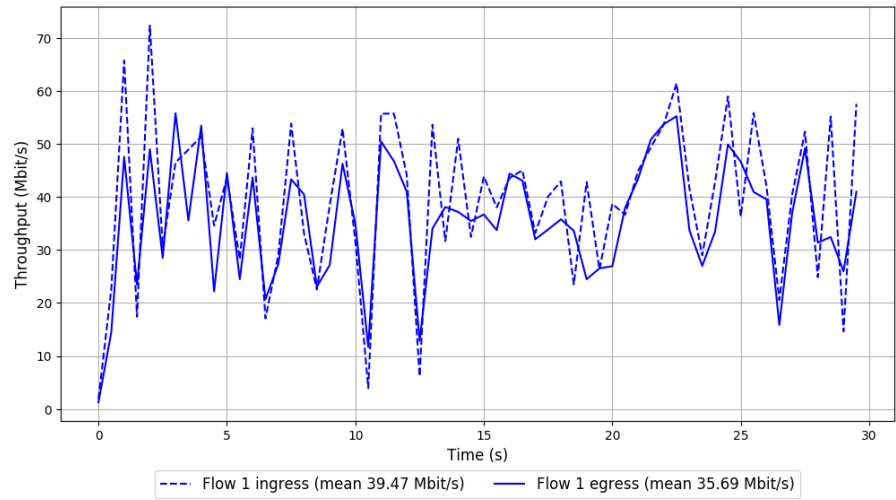


Run 7: Statistics of TCP BBR

Start at: 2017-09-03 07:24:46
End at: 2017-09-03 07:25:16
Local clock offset: -3.161 ms
Remote clock offset: -3.767 ms

Below is generated by plot.py at 2017-09-03 11:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 173.944 ms
Loss rate: 9.92%
-- Flow 1:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 173.944 ms
Loss rate: 9.92%

Run 7: Report of TCP BBR — Data Link

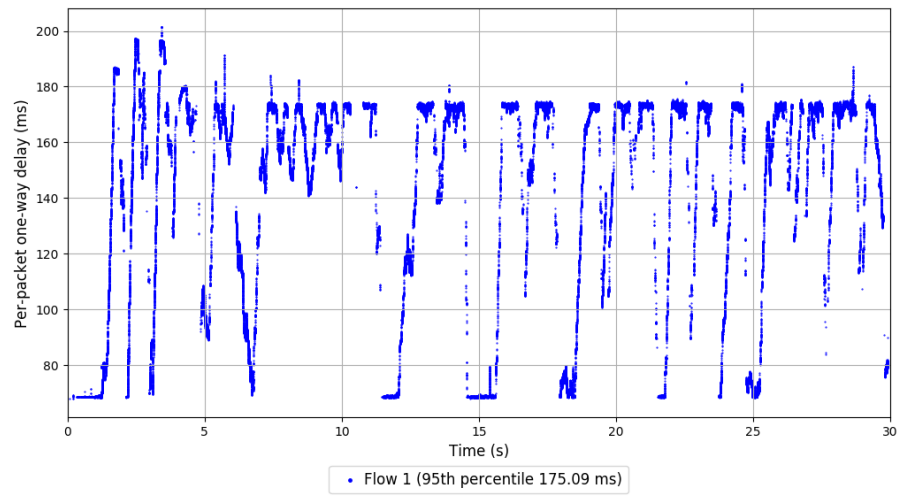
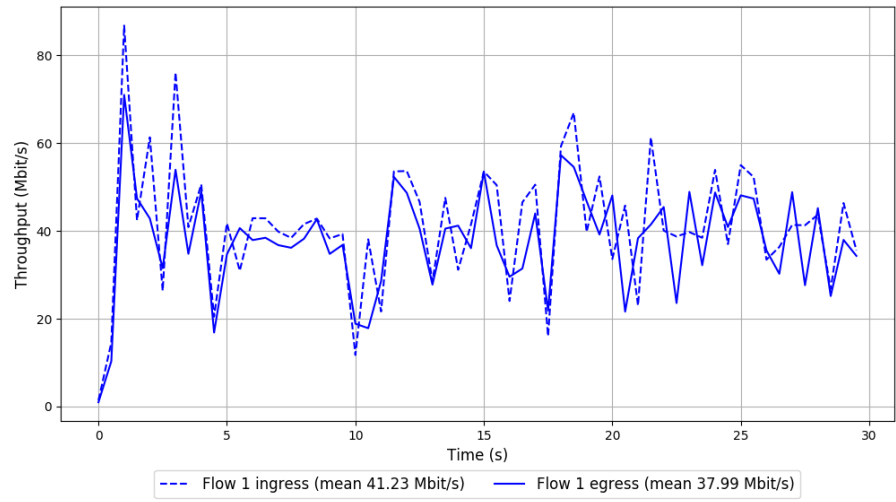


Run 8: Statistics of TCP BBR

Start at: 2017-09-03 07:43:38
End at: 2017-09-03 07:44:08
Local clock offset: -2.622 ms
Remote clock offset: -3.833 ms

Below is generated by plot.py at 2017-09-03 11:36:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 175.087 ms
Loss rate: 8.27%
-- Flow 1:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 175.087 ms
Loss rate: 8.27%

Run 8: Report of TCP BBR — Data Link

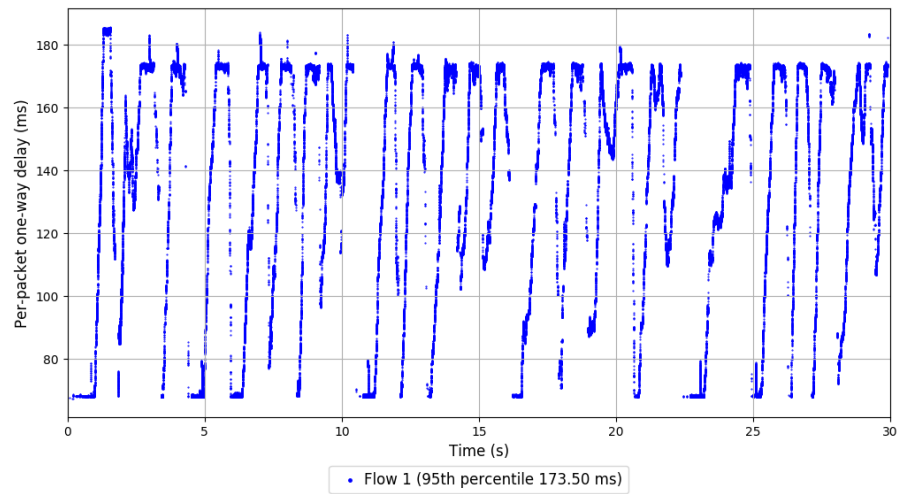
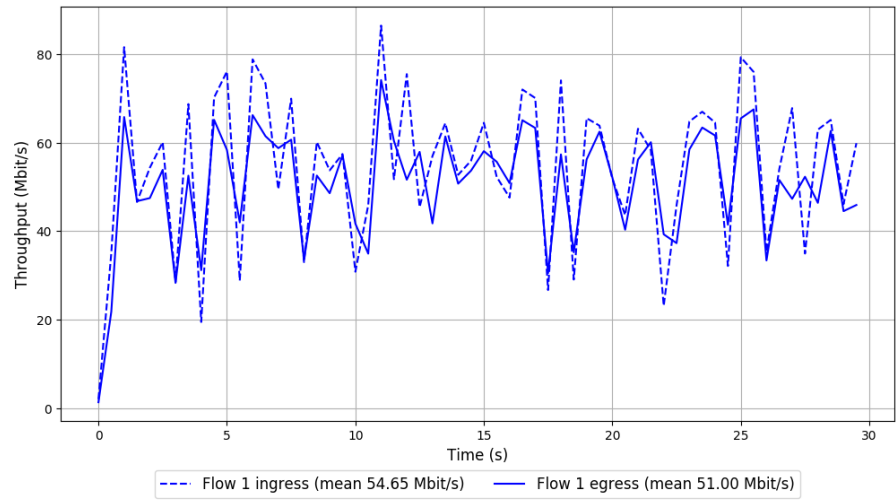


Run 9: Statistics of TCP BBR

Start at: 2017-09-03 08:01:54
End at: 2017-09-03 08:02:24
Local clock offset: -2.101 ms
Remote clock offset: -4.025 ms

Below is generated by plot.py at 2017-09-03 11:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 173.503 ms
Loss rate: 7.05%
-- Flow 1:
Average throughput: 51.00 Mbit/s
95th percentile per-packet one-way delay: 173.503 ms
Loss rate: 7.05%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-09-03 08:20:06

End at: 2017-09-03 08:20:36

Local clock offset: -2.368 ms

Remote clock offset: -3.102 ms

Below is generated by plot.py at 2017-09-03 11:36:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.60 Mbit/s

95th percentile per-packet one-way delay: 193.137 ms

Loss rate: 8.21%

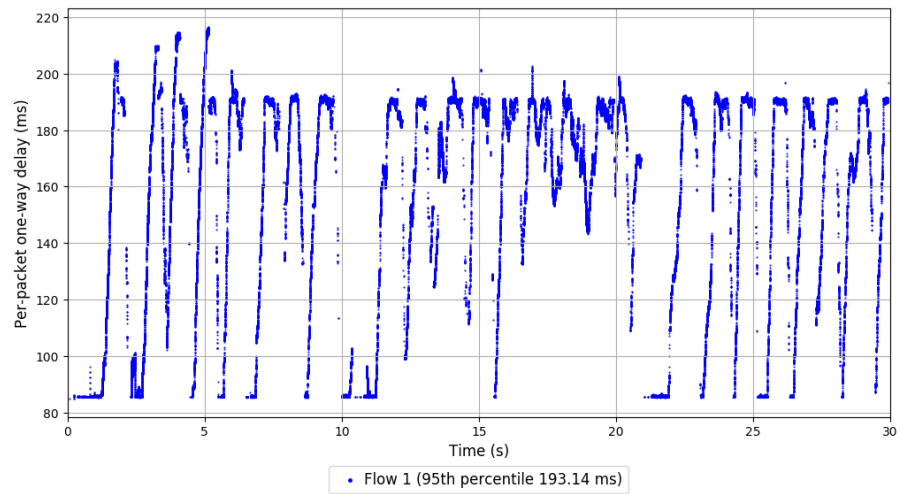
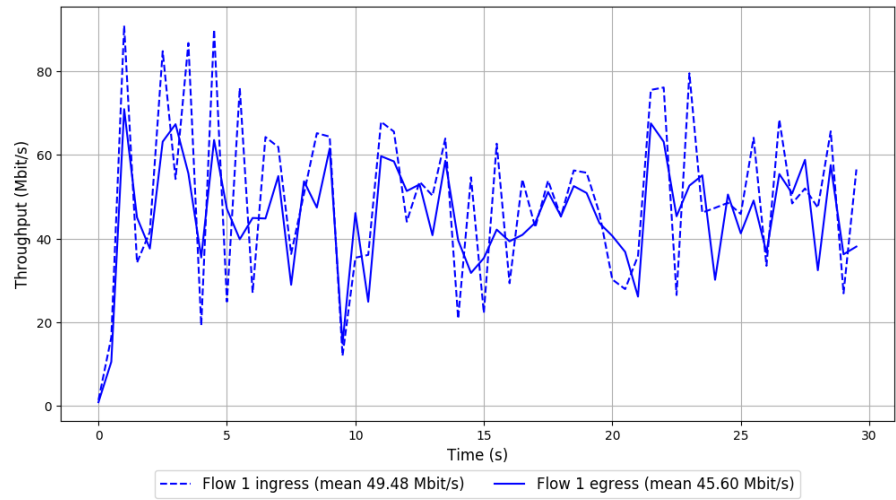
-- Flow 1:

Average throughput: 45.60 Mbit/s

95th percentile per-packet one-way delay: 193.137 ms

Loss rate: 8.21%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 05:25:18

End at: 2017-09-03 05:25:48

Local clock offset: -3.816 ms

Remote clock offset: 0.053 ms

Below is generated by plot.py at 2017-09-03 11:36:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.67 Mbit/s

95th percentile per-packet one-way delay: 121.715 ms

Loss rate: 0.65%

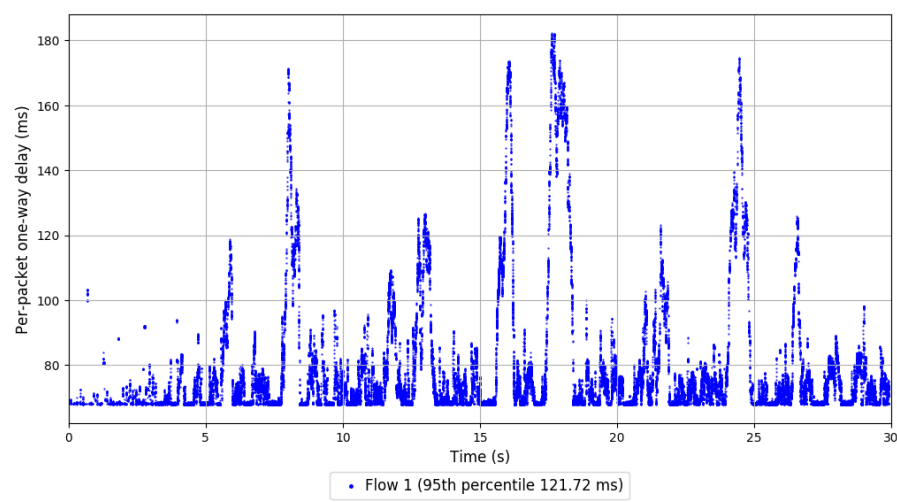
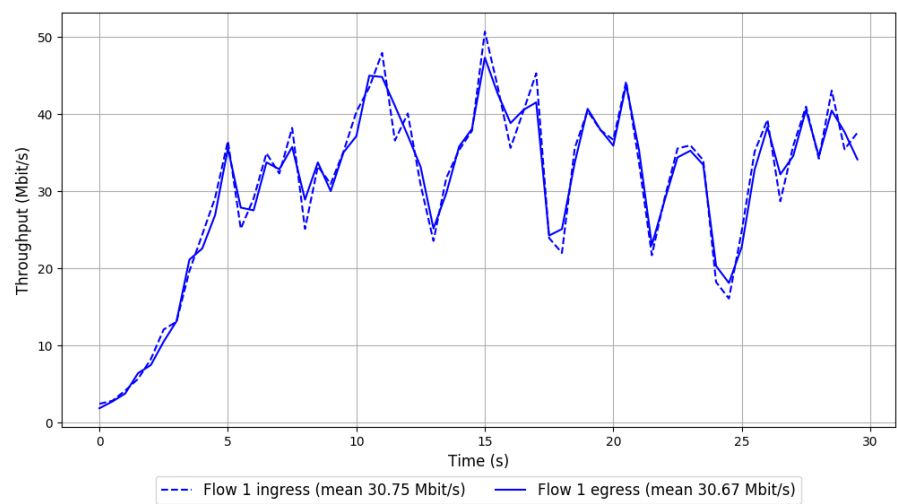
-- Flow 1:

Average throughput: 30.67 Mbit/s

95th percentile per-packet one-way delay: 121.715 ms

Loss rate: 0.65%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: 2017-09-03 05:43:23

End at: 2017-09-03 05:43:53

Local clock offset: -4.279 ms

Remote clock offset: 0.004 ms

Below is generated by plot.py at 2017-09-03 11:36:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.94 Mbit/s

95th percentile per-packet one-way delay: 144.132 ms

Loss rate: 0.56%

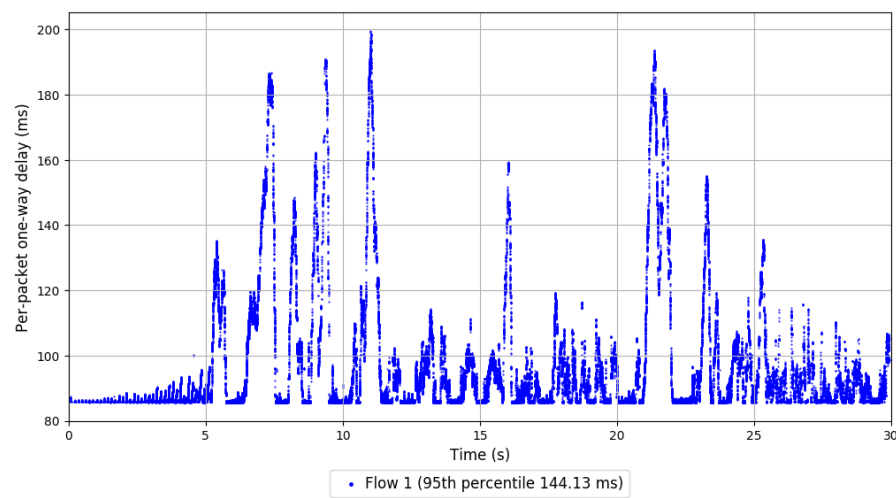
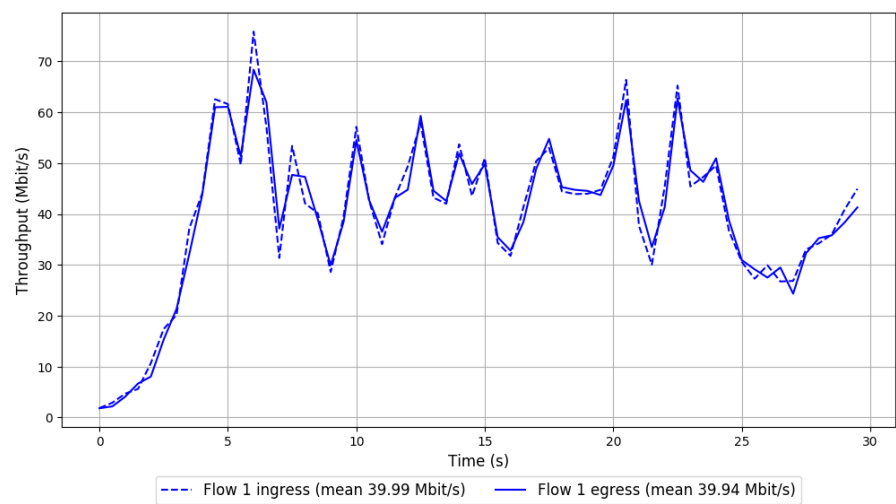
-- Flow 1:

Average throughput: 39.94 Mbit/s

95th percentile per-packet one-way delay: 144.132 ms

Loss rate: 0.56%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

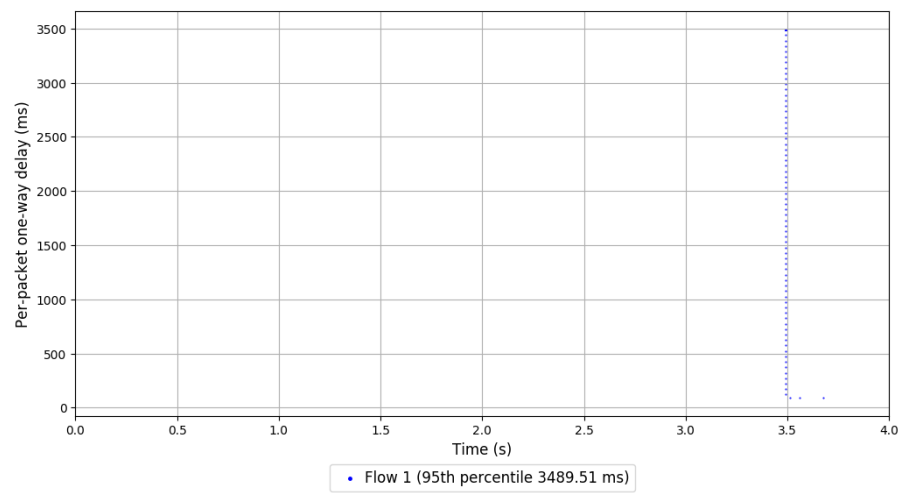
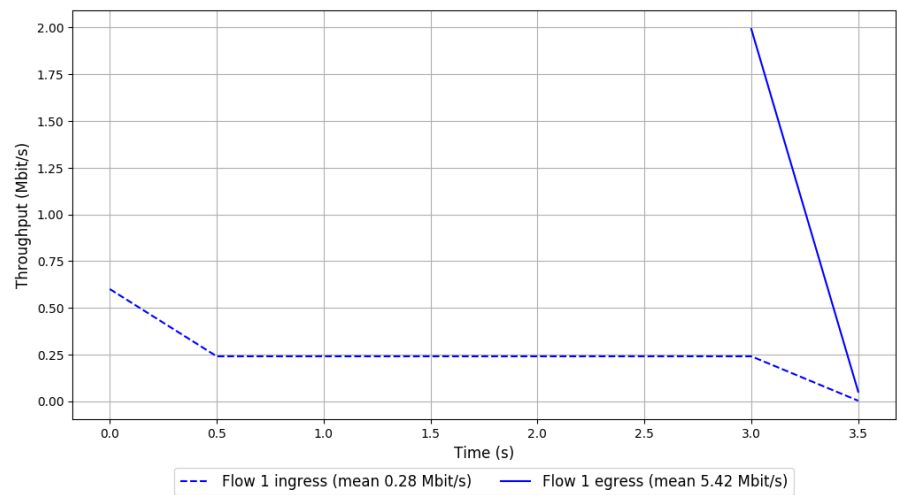
Start at: 2017-09-03 06:01:32

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

Local clock offset: 20.155 ms

Remote clock offset: -0.288 ms

Run 3: Report of CalibratedKoho — Data Link

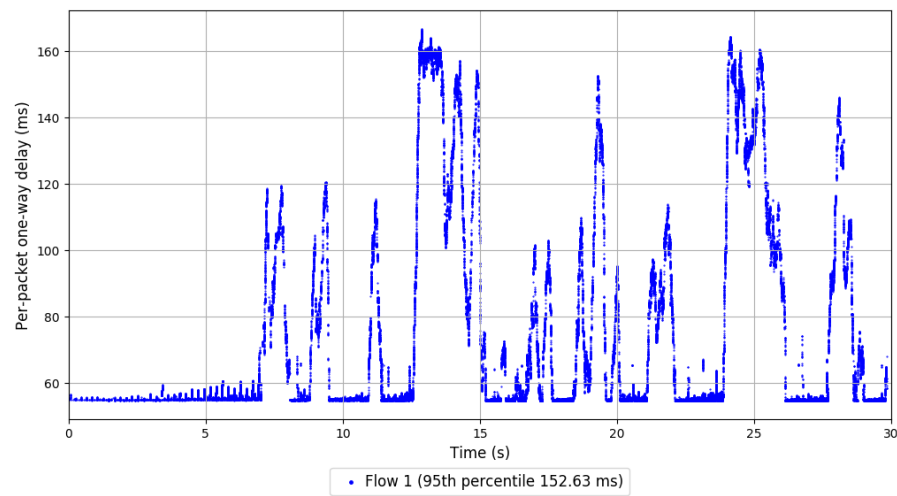
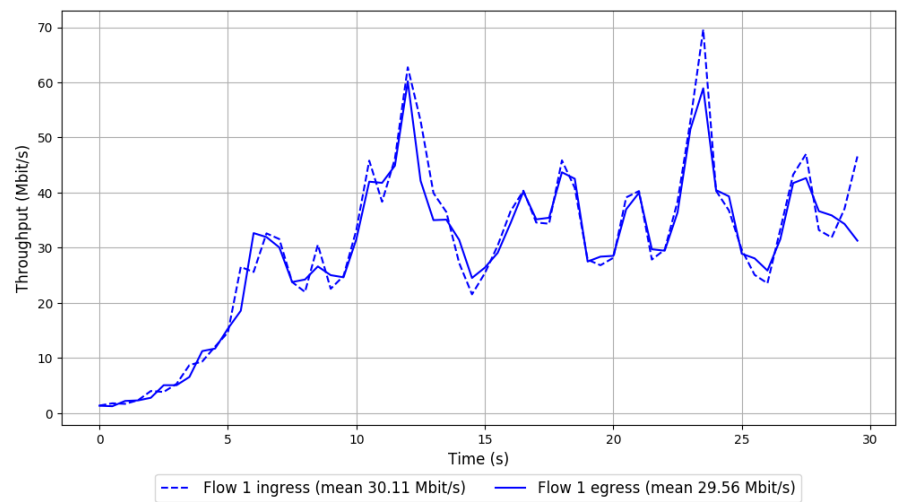


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-03 06:19:56
End at: 2017-09-03 06:20:26
Local clock offset: -3.51 ms
Remote clock offset: 30.245 ms

Below is generated by plot.py at 2017-09-03 11:36:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 152.628 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 152.628 ms
Loss rate: 2.47%

Run 4: Report of CalibratedKoho — Data Link

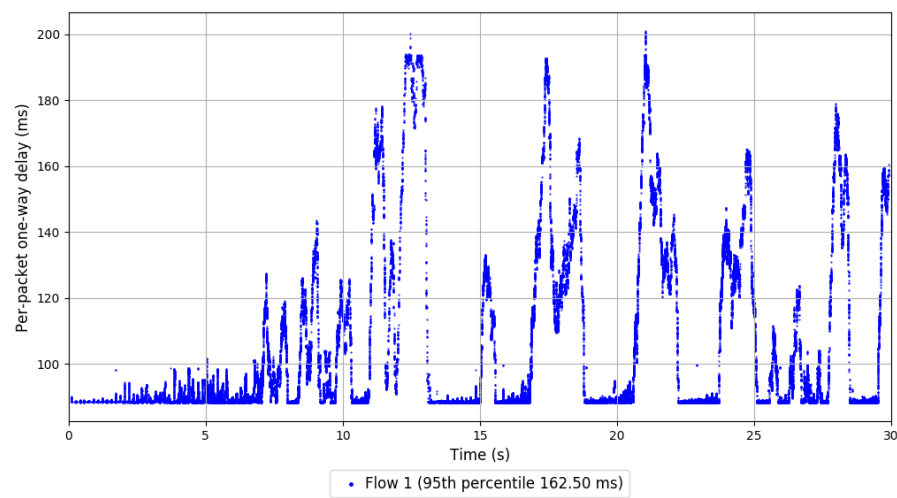
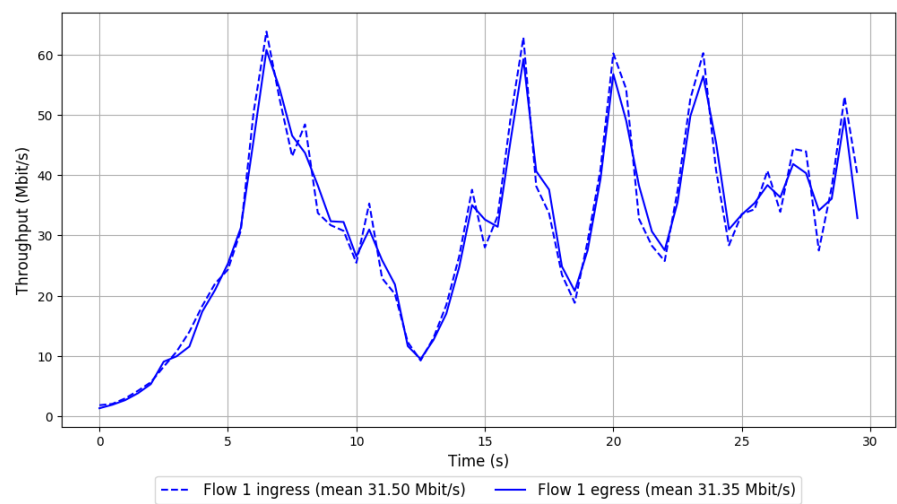


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-03 06:38:43
End at: 2017-09-03 06:39:13
Local clock offset: -3.774 ms
Remote clock offset: -20.275 ms

Below is generated by plot.py at 2017-09-03 11:36:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 162.496 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 162.496 ms
Loss rate: 1.05%

Run 5: Report of CalibratedKoho — Data Link

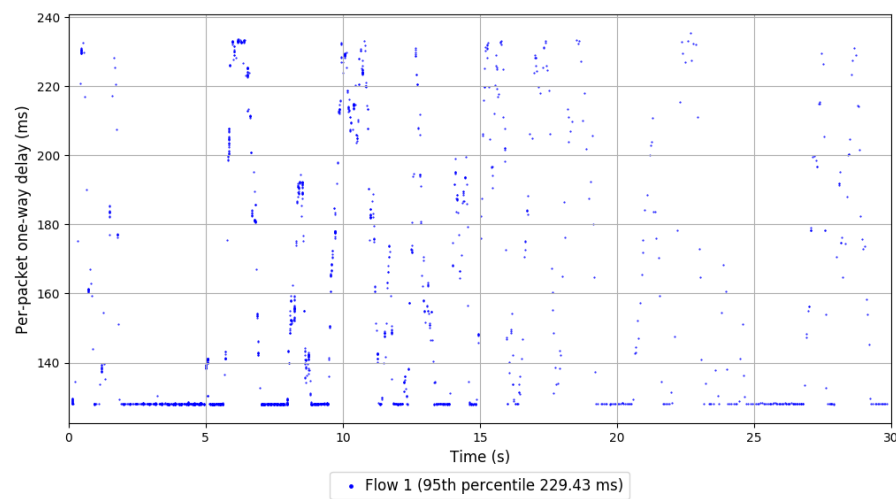
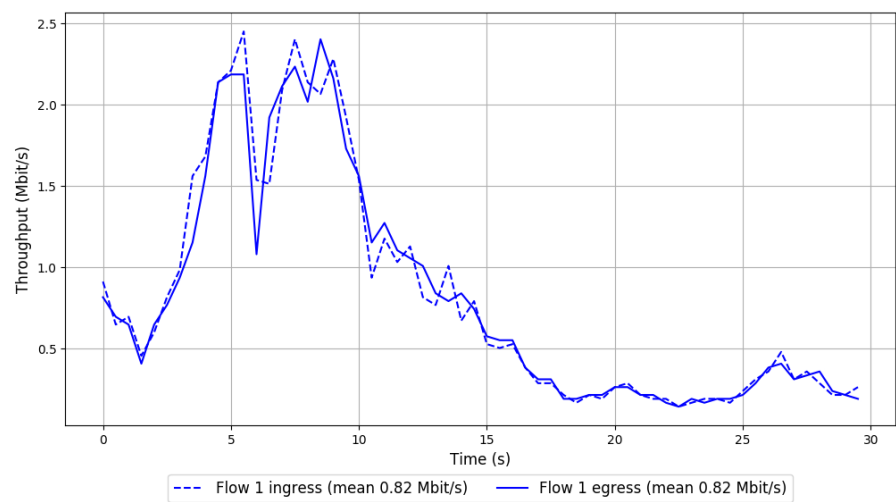


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-03 06:57:40
End at: 2017-09-03 06:58:10
Local clock offset: -3.981 ms
Remote clock offset: -42.663 ms

Below is generated by plot.py at 2017-09-03 11:36:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 229.434 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 229.434 ms
Loss rate: 1.41%

Run 6: Report of CalibratedKoho — Data Link

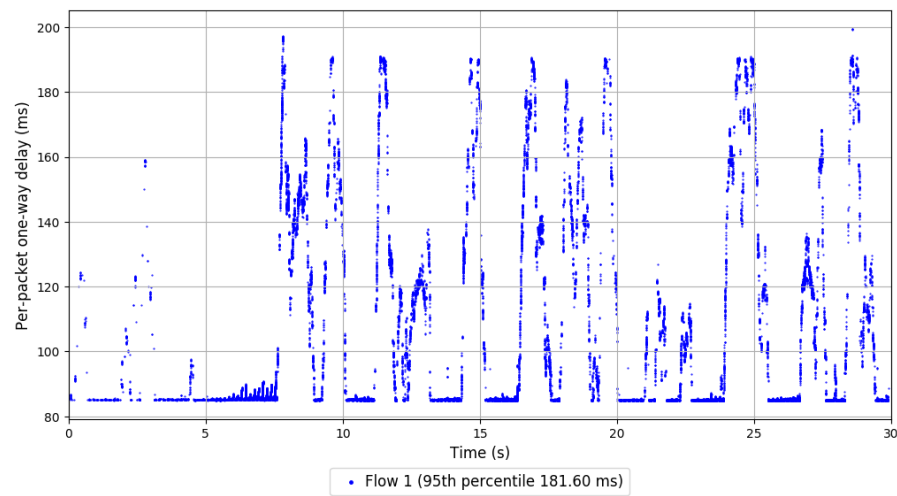
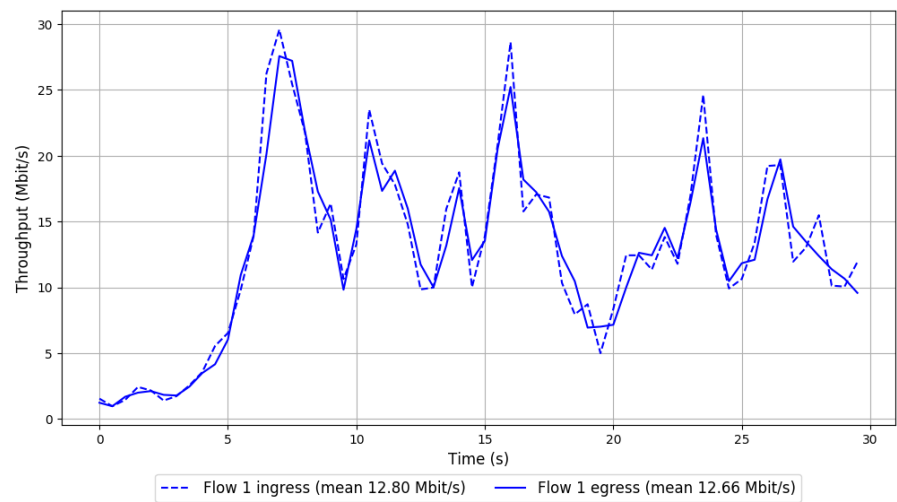


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-03 07:16:22
End at: 2017-09-03 07:16:52
Local clock offset: -3.507 ms
Remote clock offset: -1.885 ms

Below is generated by plot.py at 2017-09-03 11:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 181.600 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 181.600 ms
Loss rate: 1.53%

Run 7: Report of CalibratedKoho — Data Link

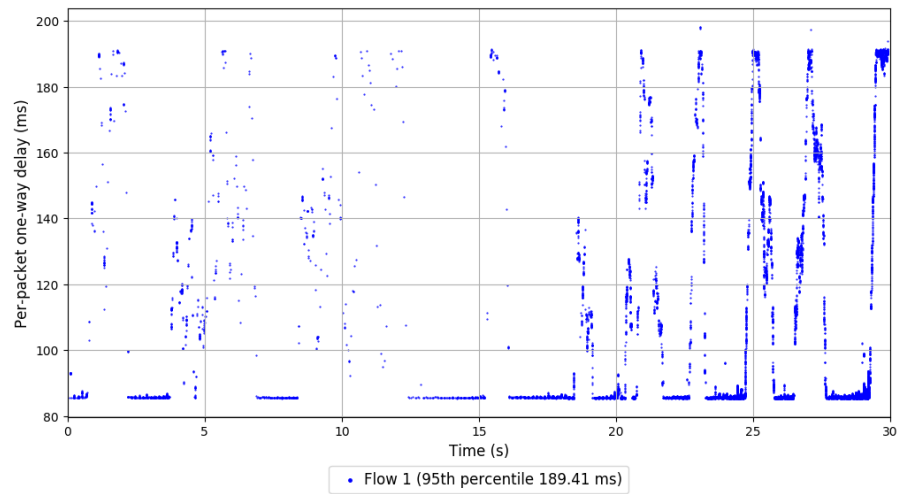
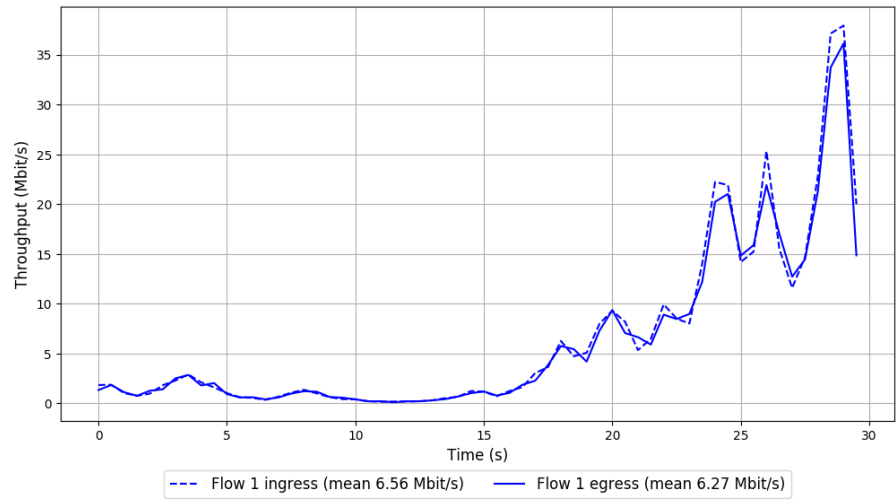


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-03 07:35:03
End at: 2017-09-03 07:35:33
Local clock offset: -2.856 ms
Remote clock offset: -3.733 ms

Below is generated by plot.py at 2017-09-03 11:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 189.408 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 189.408 ms
Loss rate: 4.85%

Run 8: Report of CalibratedKoho — Data Link

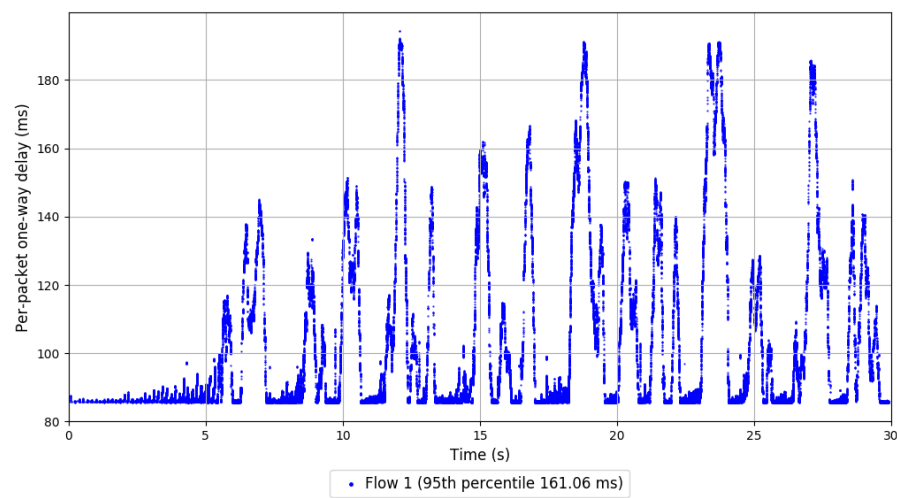
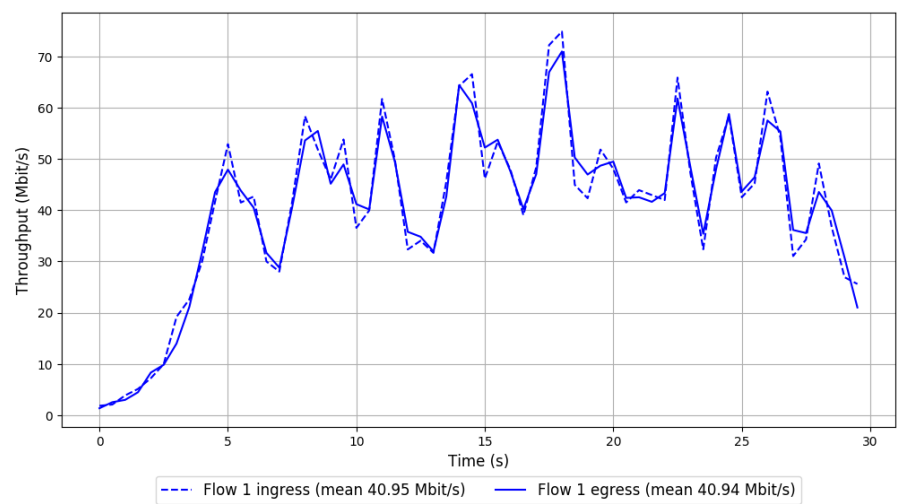


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-03 07:53:25
End at: 2017-09-03 07:53:55
Local clock offset: -2.214 ms
Remote clock offset: -4.071 ms

Below is generated by plot.py at 2017-09-03 11:36:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 161.057 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 161.057 ms
Loss rate: 0.53%

Run 9: Report of CalibratedKoho — Data Link

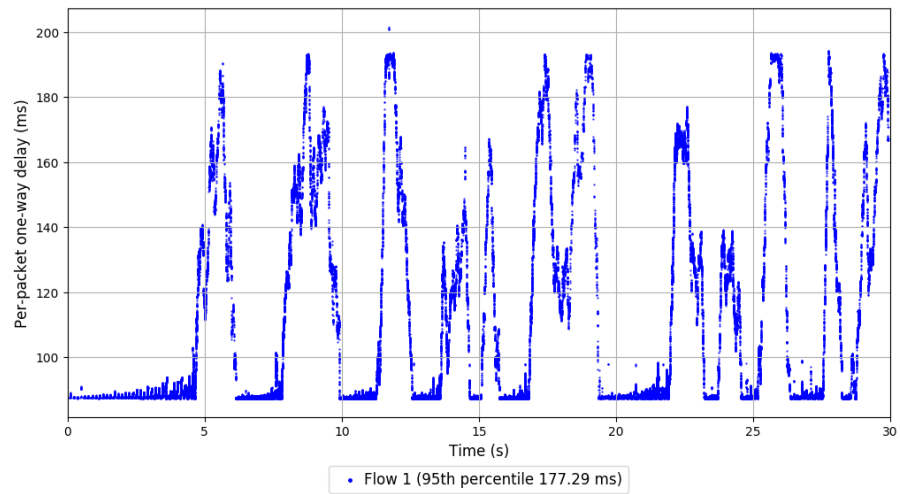
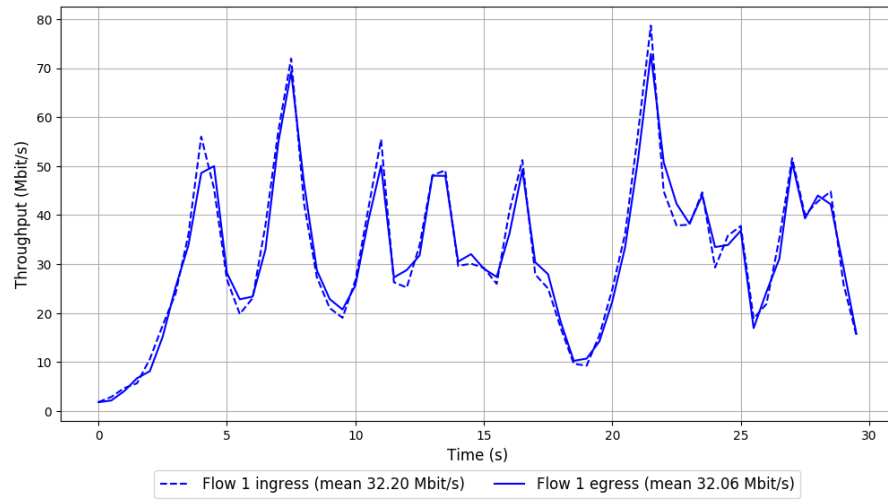


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-03 08:11:42
End at: 2017-09-03 08:12:12
Local clock offset: -0.697 ms
Remote clock offset: -3.639 ms

Below is generated by plot.py at 2017-09-03 11:36:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.06 Mbit/s
95th percentile per-packet one-way delay: 177.295 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 32.06 Mbit/s
95th percentile per-packet one-way delay: 177.295 ms
Loss rate: 0.83%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-03 05:20:24

End at: 2017-09-03 05:20:54

Local clock offset: -2.477 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2017-09-03 11:36:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.07 Mbit/s

95th percentile per-packet one-way delay: 99.861 ms

Loss rate: 0.61%

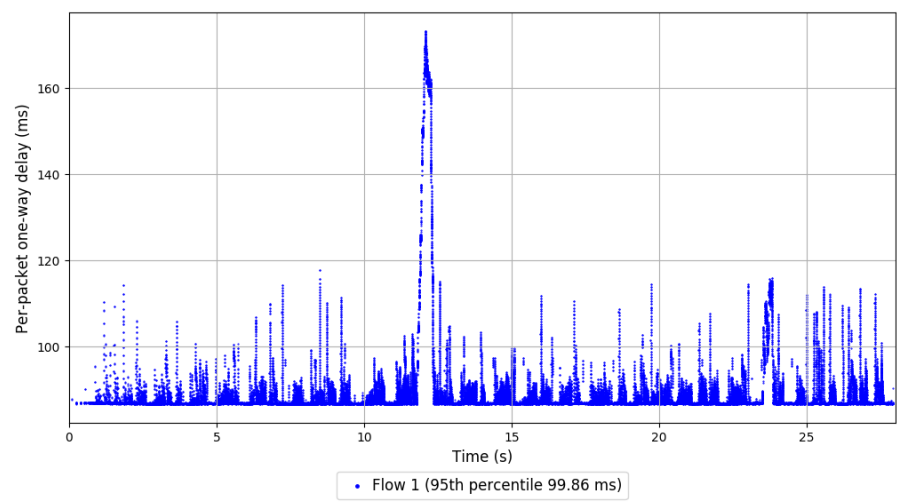
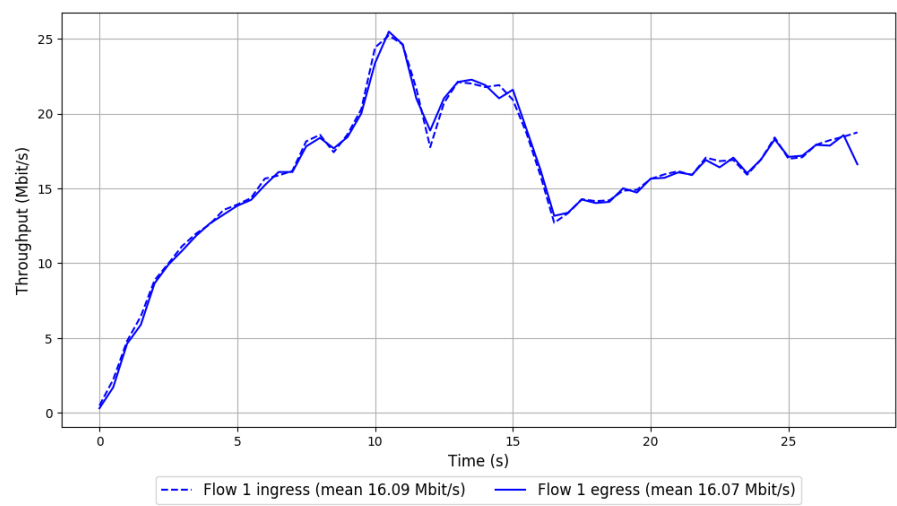
-- Flow 1:

Average throughput: 16.07 Mbit/s

95th percentile per-packet one-way delay: 99.861 ms

Loss rate: 0.61%

Run 1: Report of Copa — Data Link

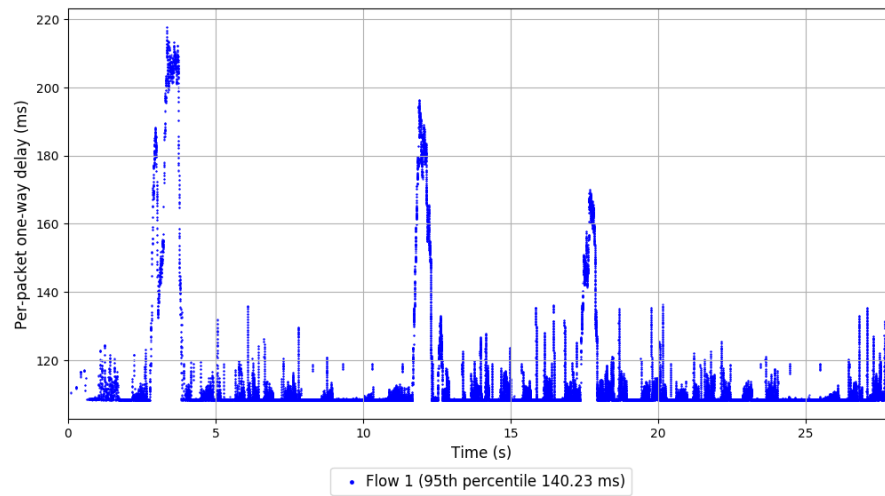
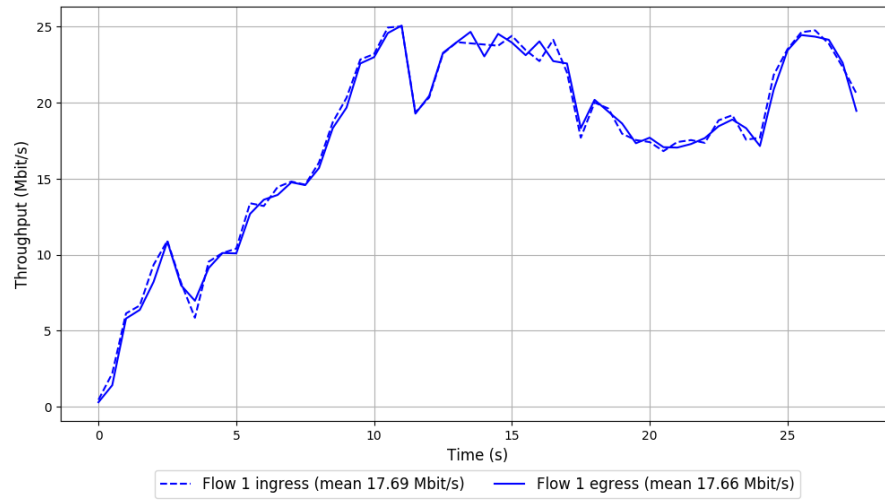


Run 2: Statistics of Copa

Start at: 2017-09-03 05:38:31
End at: 2017-09-03 05:39:01
Local clock offset: 18.935 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2017-09-03 11:36:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 140.230 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 140.230 ms
Loss rate: 0.65%

Run 2: Report of Copa — Data Link

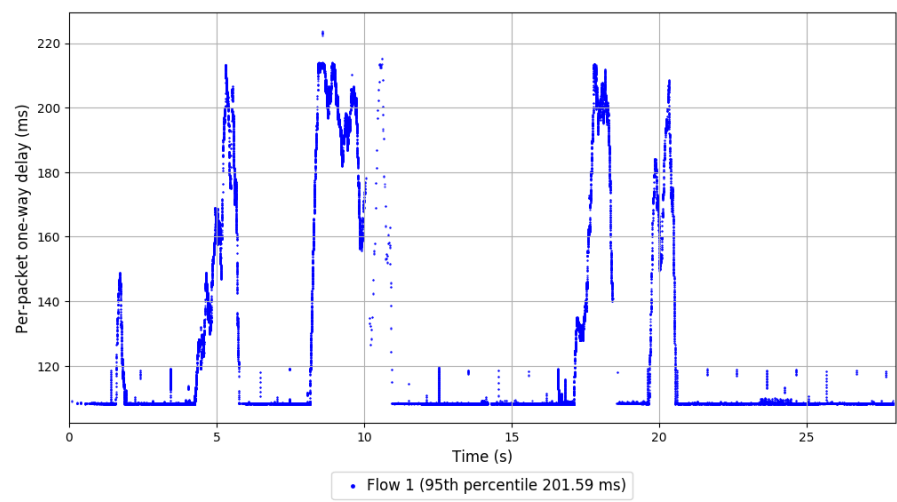
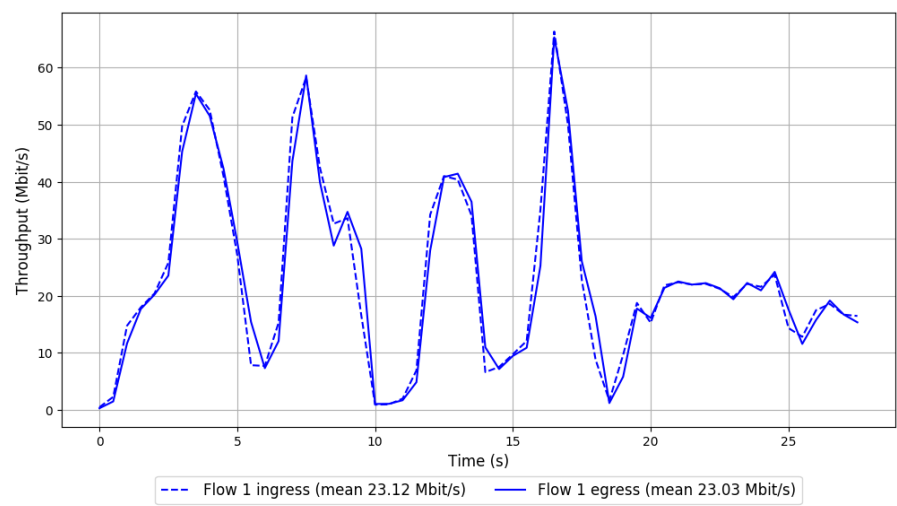


Run 3: Statistics of Copa

Start at: 2017-09-03 05:56:41
End at: 2017-09-03 05:57:11
Local clock offset: 18.677 ms
Remote clock offset: -0.344 ms

Below is generated by plot.py at 2017-09-03 11:37:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 201.587 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 23.03 Mbit/s
95th percentile per-packet one-way delay: 201.587 ms
Loss rate: 0.87%

Run 3: Report of Copa — Data Link

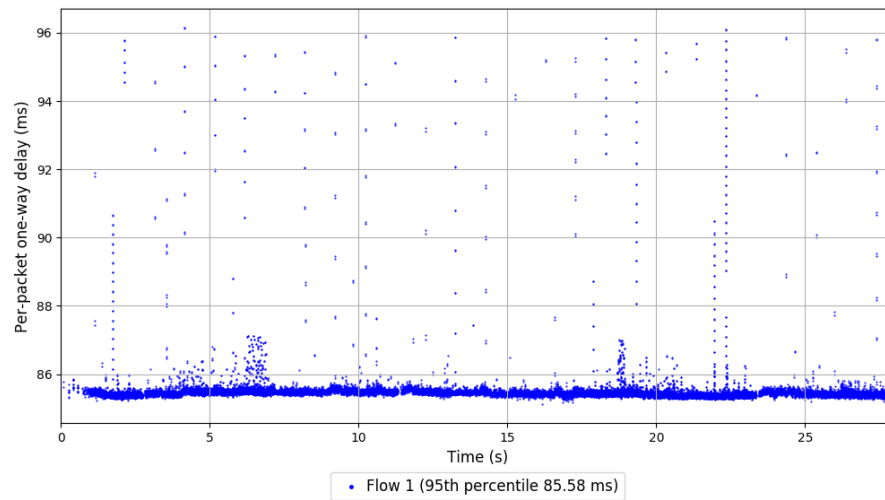
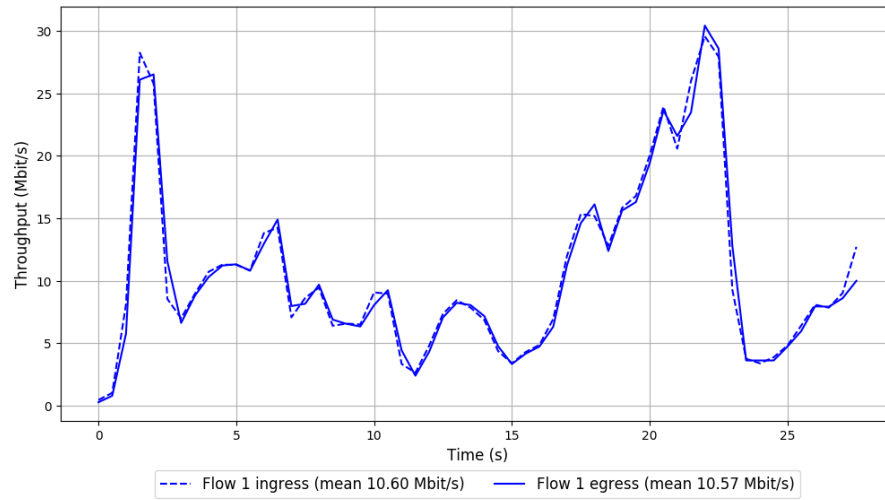


Run 4: Statistics of Copa

Start at: 2017-09-03 06:14:54
End at: 2017-09-03 06:15:24
Local clock offset: -3.678 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2017-09-03 11:37:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.57 Mbit/s
95th percentile per-packet one-way delay: 85.585 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 10.57 Mbit/s
95th percentile per-packet one-way delay: 85.585 ms
Loss rate: 0.88%

Run 4: Report of Copa — Data Link

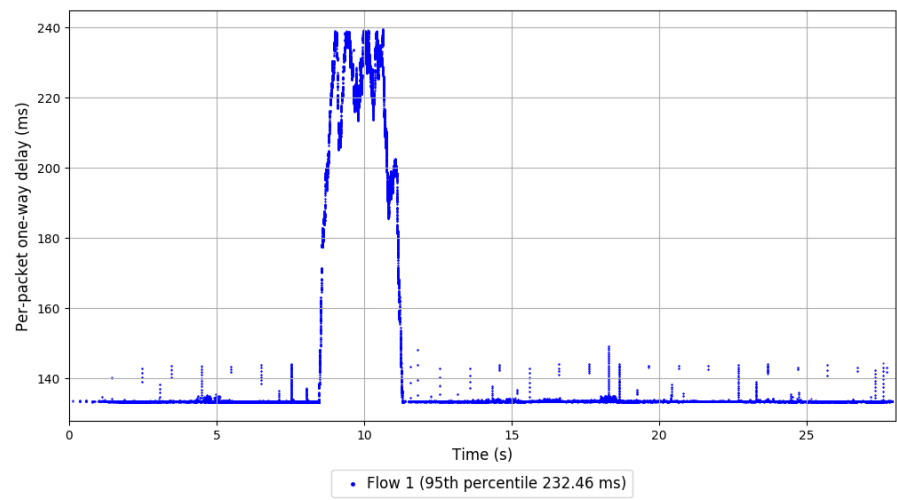
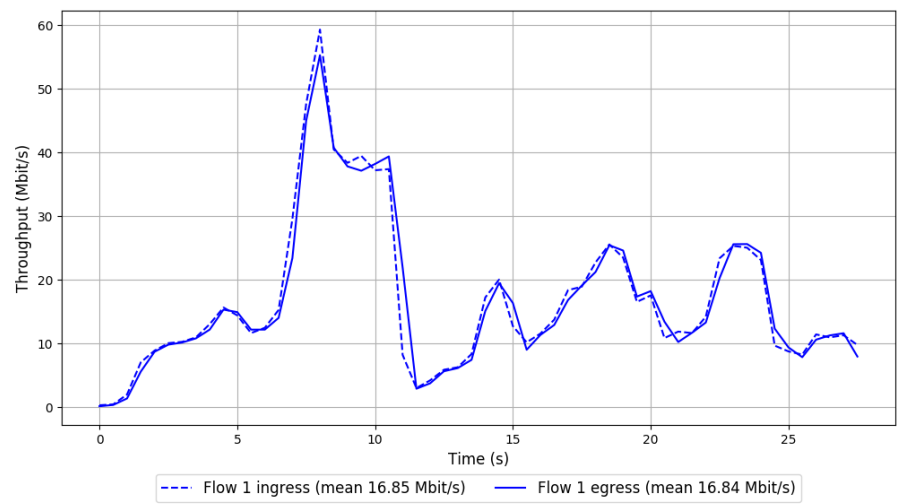


Run 5: Statistics of Copa

Start at: 2017-09-03 06:33:44
End at: 2017-09-03 06:34:14
Local clock offset: 18.211 ms
Remote clock offset: -25.976 ms

Below is generated by plot.py at 2017-09-03 11:37:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 232.461 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 232.461 ms
Loss rate: 0.75%

Run 5: Report of Copa — Data Link

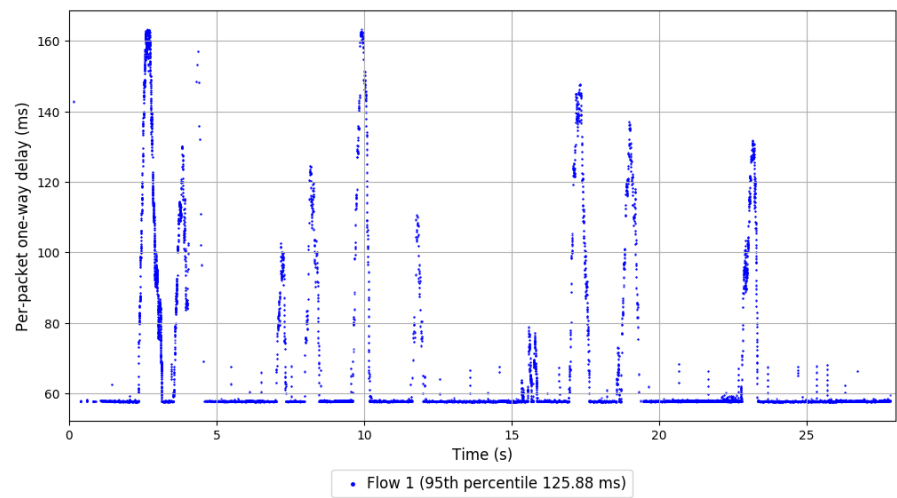
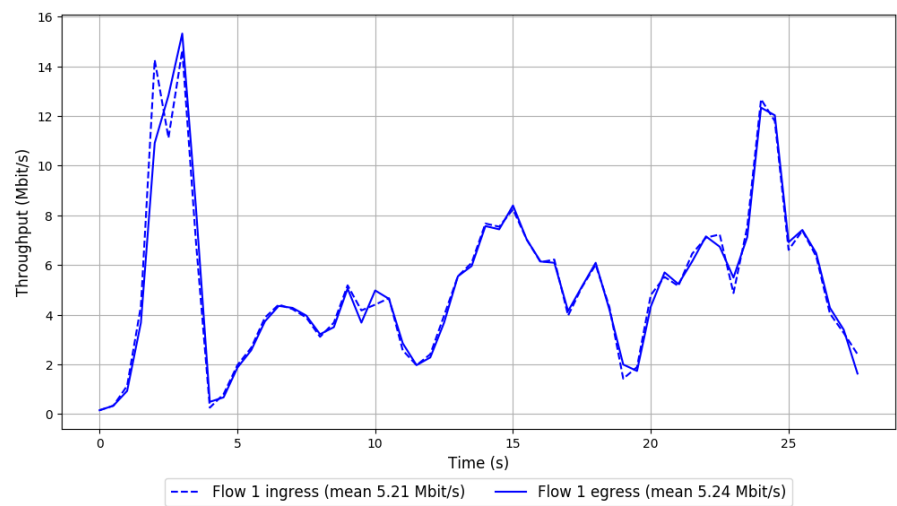


Run 6: Statistics of Copa

Start at: 2017-09-03 06:52:32
End at: 2017-09-03 06:53:02
Local clock offset: 16.138 ms
Remote clock offset: 30.212 ms

Below is generated by plot.py at 2017-09-03 11:37:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: 125.881 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 5.24 Mbit/s
95th percentile per-packet one-way delay: 125.881 ms
Loss rate: 0.49%

Run 6: Report of Copa — Data Link

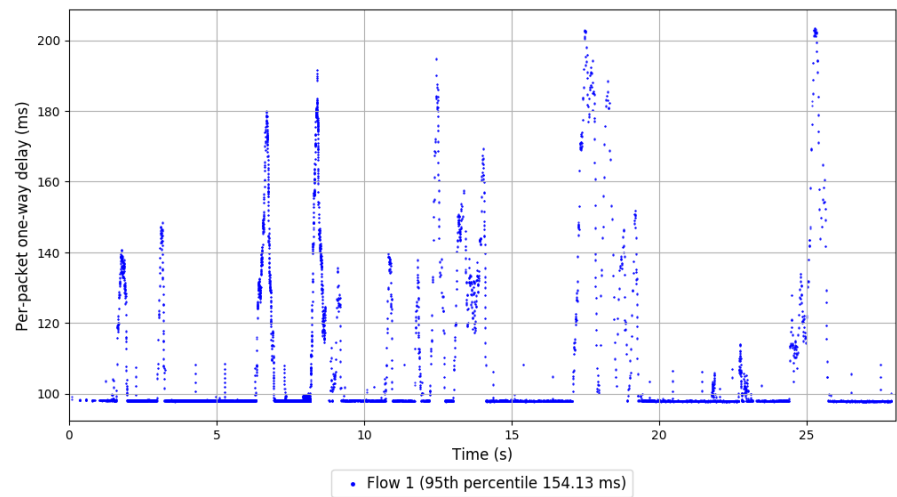
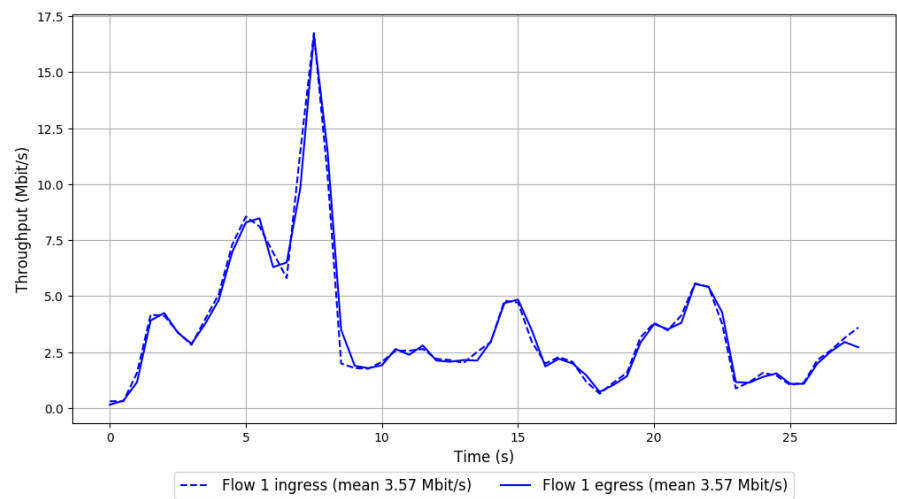


Run 7: Statistics of Copa

Start at: 2017-09-03 07:11:24
End at: 2017-09-03 07:11:54
Local clock offset: -2.271 ms
Remote clock offset: -28.778 ms

Below is generated by plot.py at 2017-09-03 11:37:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.57 Mbit/s
95th percentile per-packet one-way delay: 154.126 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 3.57 Mbit/s
95th percentile per-packet one-way delay: 154.126 ms
Loss rate: 0.82%

Run 7: Report of Copa — Data Link

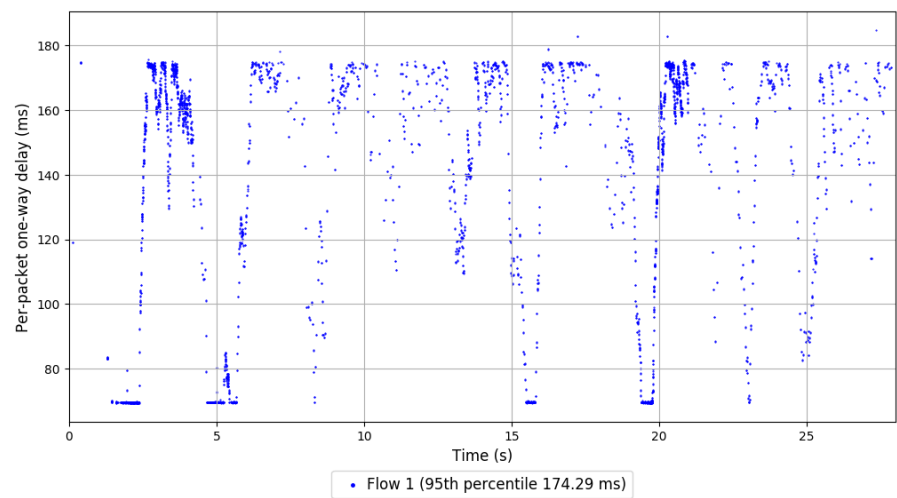
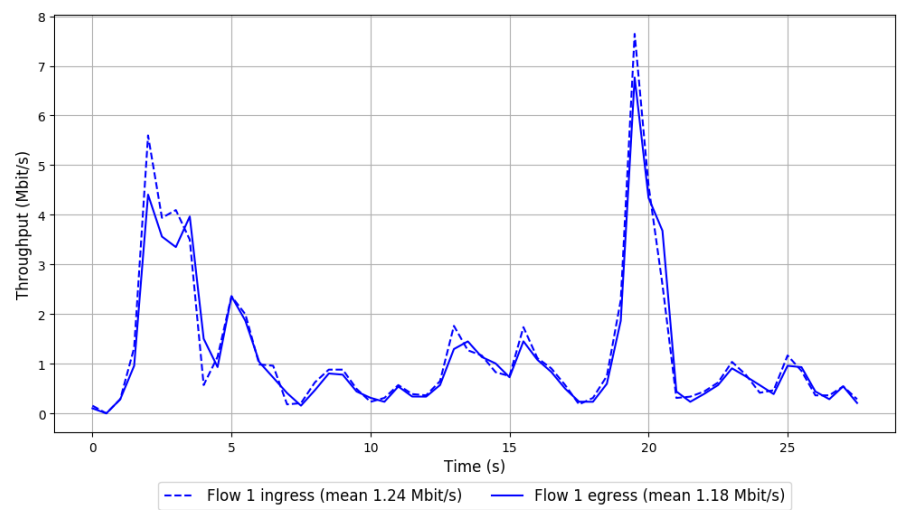


Run 8: Statistics of Copa

Start at: 2017-09-03 07:29:48
End at: 2017-09-03 07:30:18
Local clock offset: -1.535 ms
Remote clock offset: -3.915 ms

Below is generated by plot.py at 2017-09-03 11:37:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 174.290 ms
Loss rate: 5.62%
-- Flow 1:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 174.290 ms
Loss rate: 5.62%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

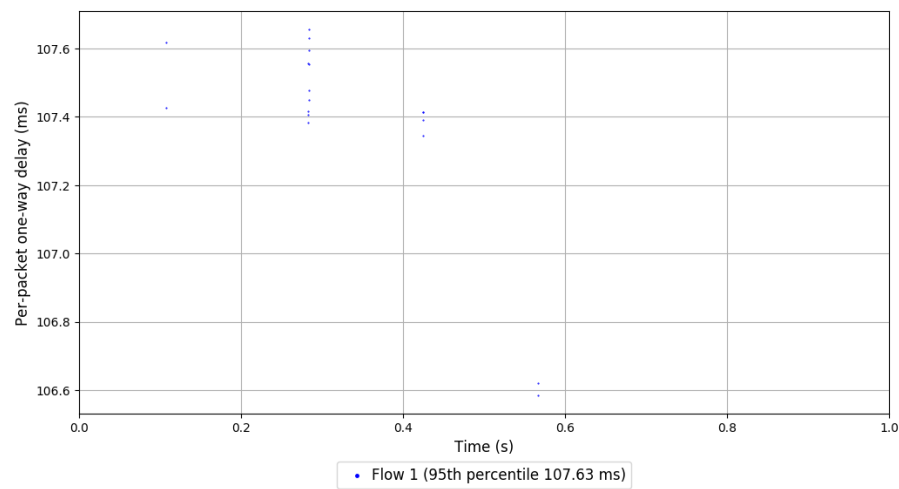
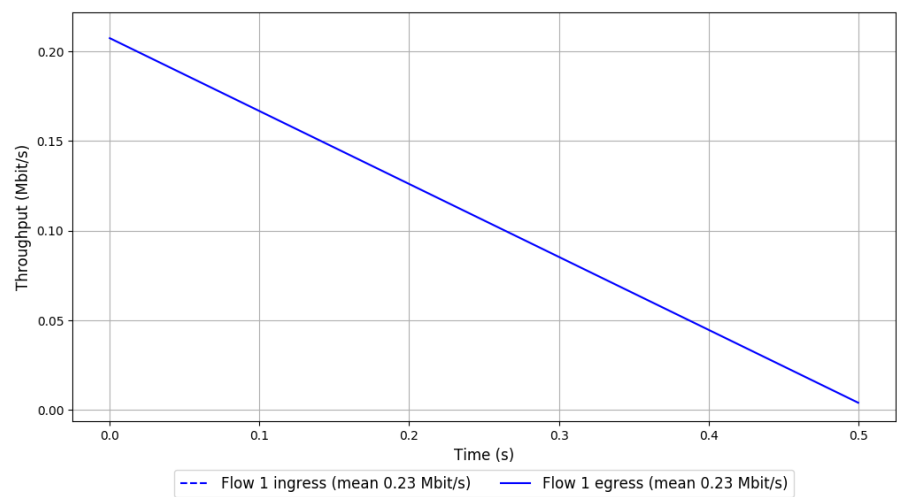
Start at: 2017-09-03 07:48:28

End at: 2017-09-03 07:48:58

Local clock offset: 18.941 ms

Remote clock offset: -4.331 ms

Run 9: Report of Copa — Data Link

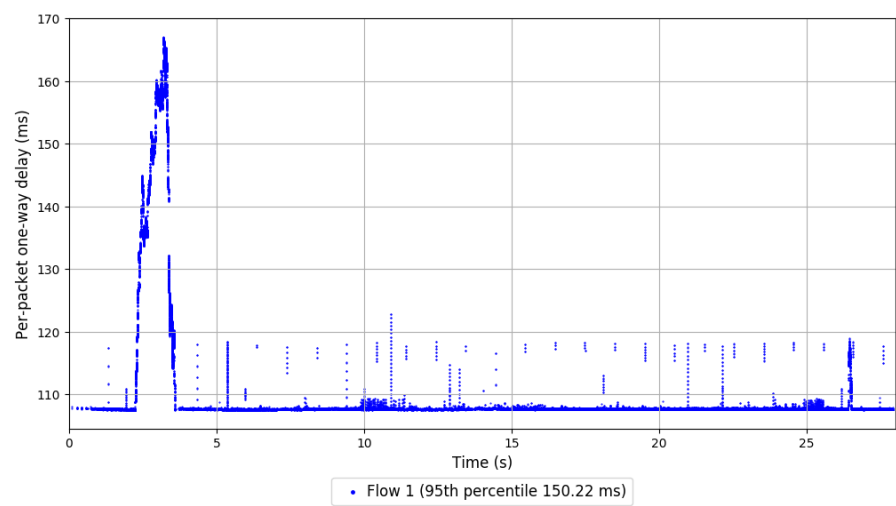
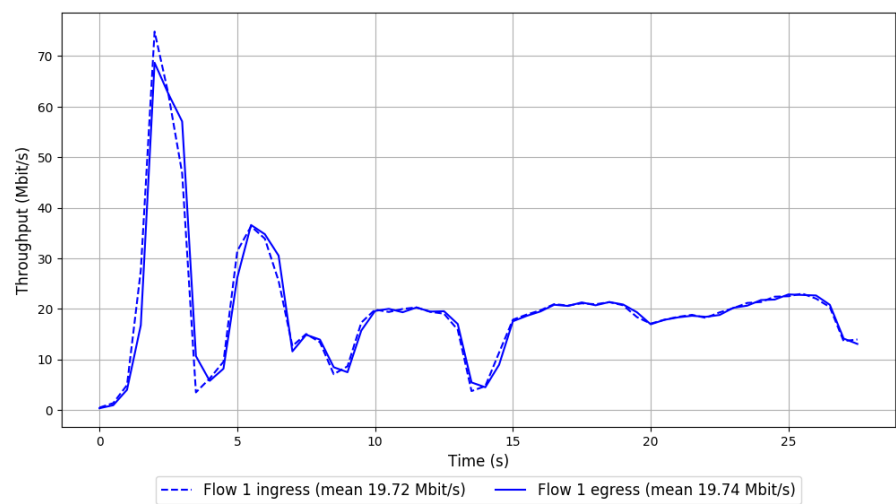


Run 10: Statistics of Copa

Start at: 2017-09-03 08:06:45
End at: 2017-09-03 08:07:15
Local clock offset: 19.748 ms
Remote clock offset: -3.819 ms

Below is generated by plot.py at 2017-09-03 11:37:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 150.217 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 19.74 Mbit/s
95th percentile per-packet one-way delay: 150.217 ms
Loss rate: 0.37%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-09-03 05:32:29

End at: 2017-09-03 05:32:59

Local clock offset: -4.114 ms

Remote clock offset: 0.121 ms

Below is generated by plot.py at 2017-09-03 11:37:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.22 Mbit/s

95th percentile per-packet one-way delay: 169.275 ms

Loss rate: 1.21%

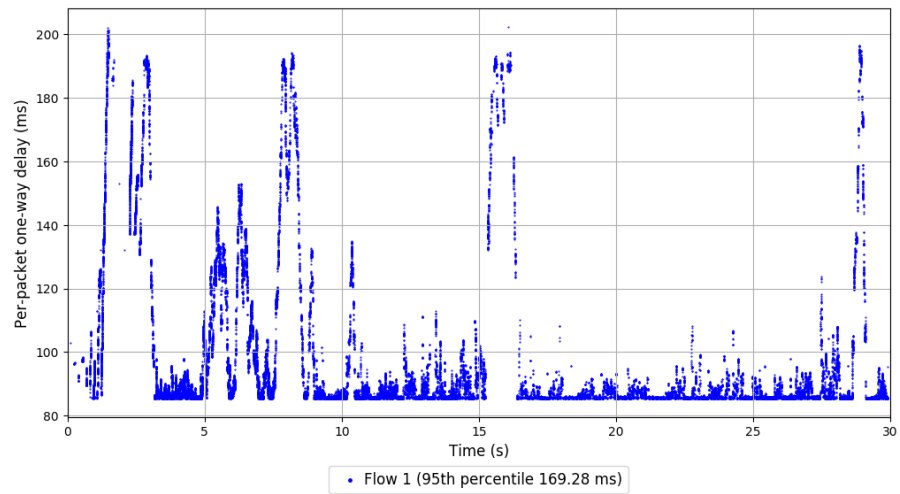
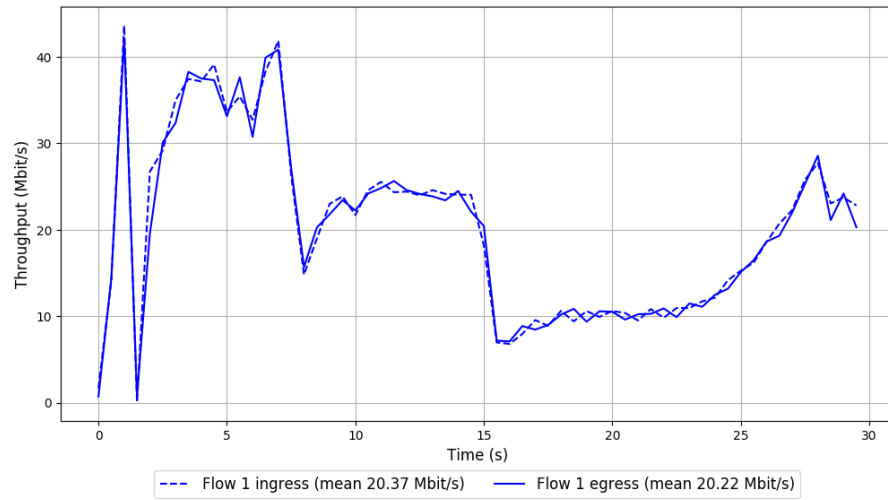
-- Flow 1:

Average throughput: 20.22 Mbit/s

95th percentile per-packet one-way delay: 169.275 ms

Loss rate: 1.21%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-09-03 05:50:41

End at: 2017-09-03 05:51:11

Local clock offset: 17.926 ms

Remote clock offset: -0.18 ms

Below is generated by plot.py at 2017-09-03 11:37:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.08 Mbit/s

95th percentile per-packet one-way delay: 140.037 ms

Loss rate: 0.71%

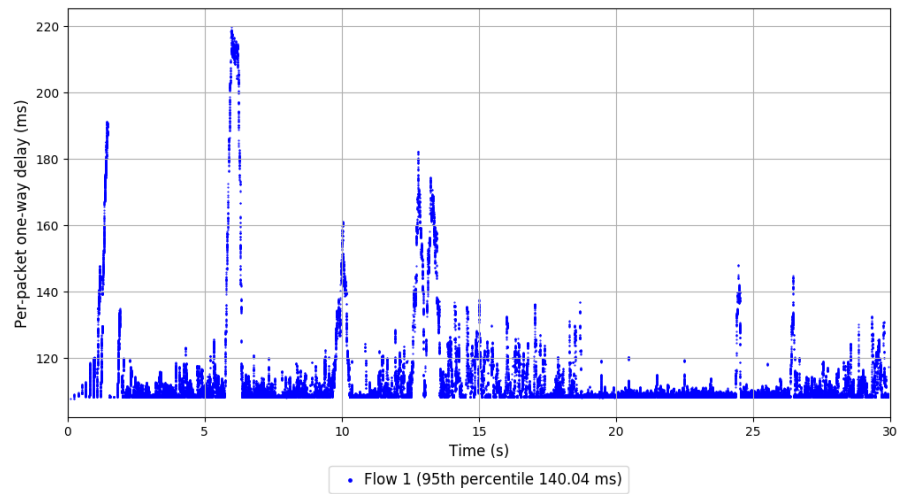
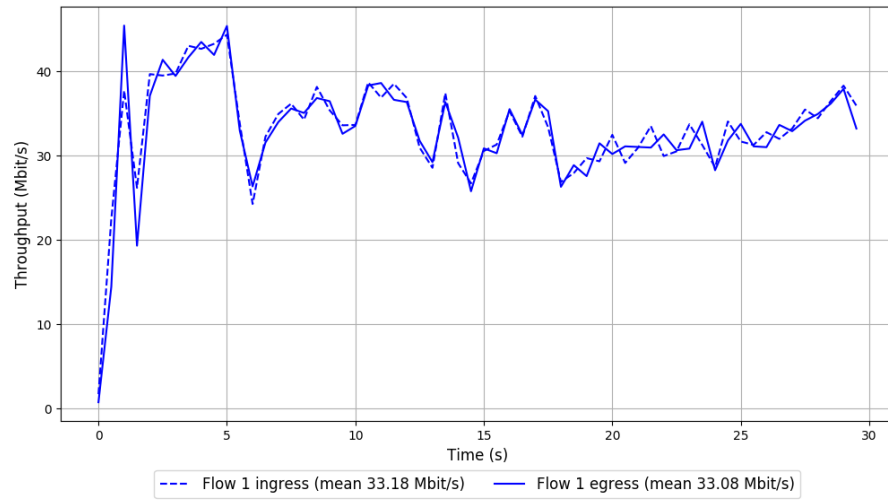
-- Flow 1:

Average throughput: 33.08 Mbit/s

95th percentile per-packet one-way delay: 140.037 ms

Loss rate: 0.71%

Run 2: Report of TCP Cubic — Data Link

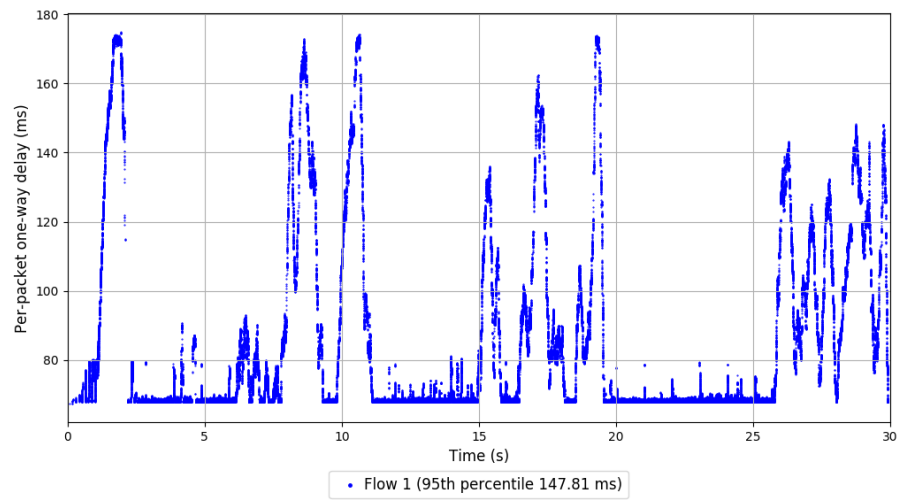
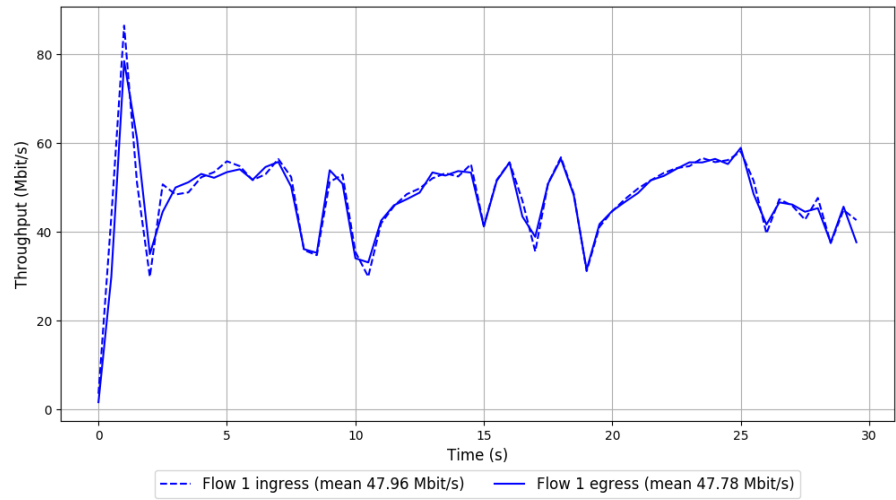


Run 3: Statistics of TCP Cubic

Start at: 2017-09-03 06:08:45
End at: 2017-09-03 06:09:15
Local clock offset: -3.671 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2017-09-03 11:37:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 147.809 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 47.78 Mbit/s
95th percentile per-packet one-way delay: 147.809 ms
Loss rate: 0.75%

Run 3: Report of TCP Cubic — Data Link

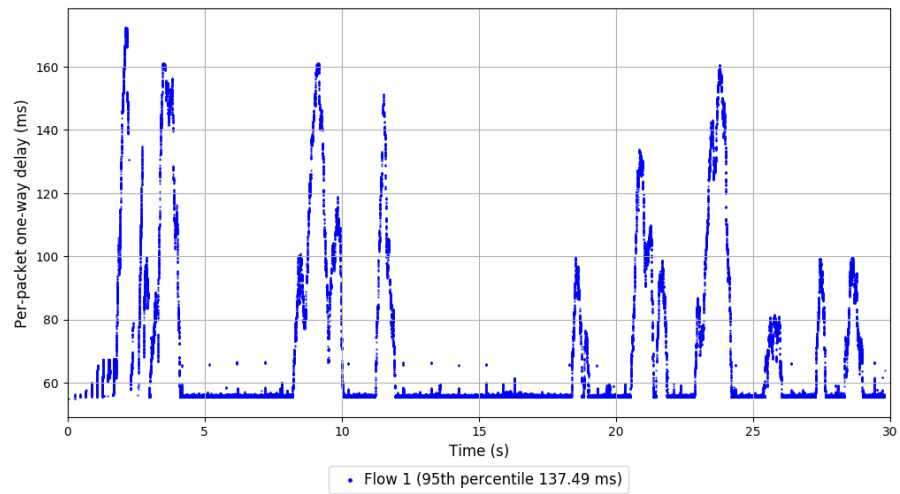
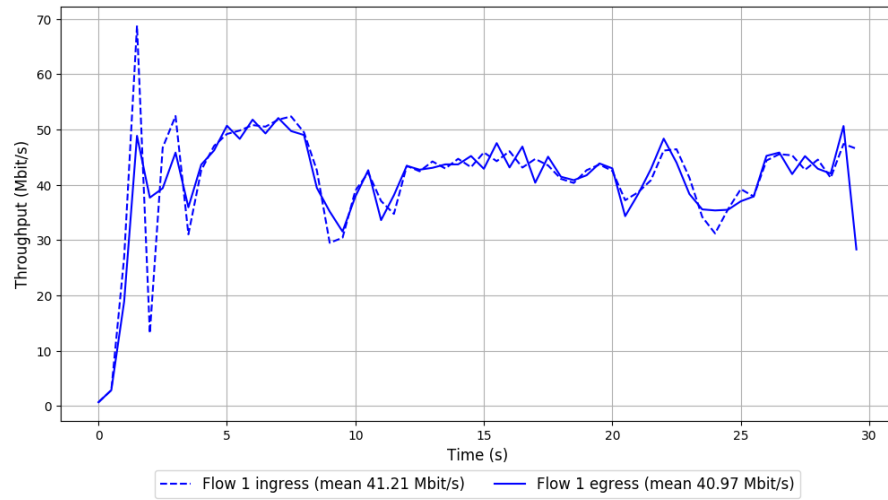


Run 4: Statistics of TCP Cubic

Start at: 2017-09-03 06:27:30
End at: 2017-09-03 06:28:00
Local clock offset: -3.497 ms
Remote clock offset: 30.352 ms

Below is generated by plot.py at 2017-09-03 11:37:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 137.486 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 137.486 ms
Loss rate: 1.19%

Run 4: Report of TCP Cubic — Data Link

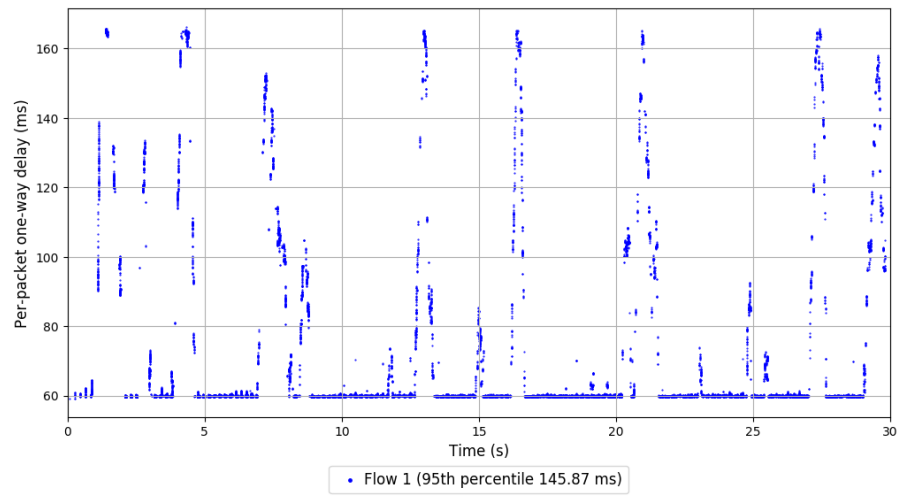
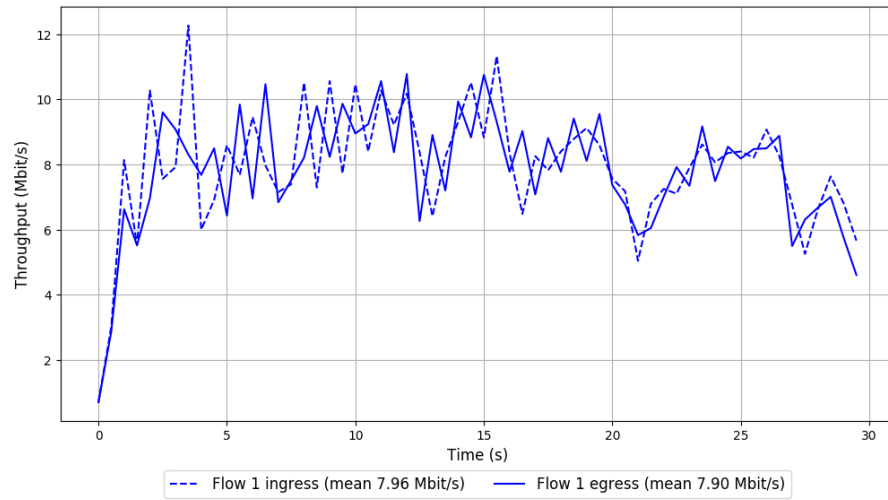


Run 5: Statistics of TCP Cubic

Start at: 2017-09-03 06:46:15
End at: 2017-09-03 06:46:45
Local clock offset: 18.142 ms
Remote clock offset: 30.204 ms

Below is generated by plot.py at 2017-09-03 11:37:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.90 Mbit/s
95th percentile per-packet one-way delay: 145.874 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 7.90 Mbit/s
95th percentile per-packet one-way delay: 145.874 ms
Loss rate: 1.37%

Run 5: Report of TCP Cubic — Data Link

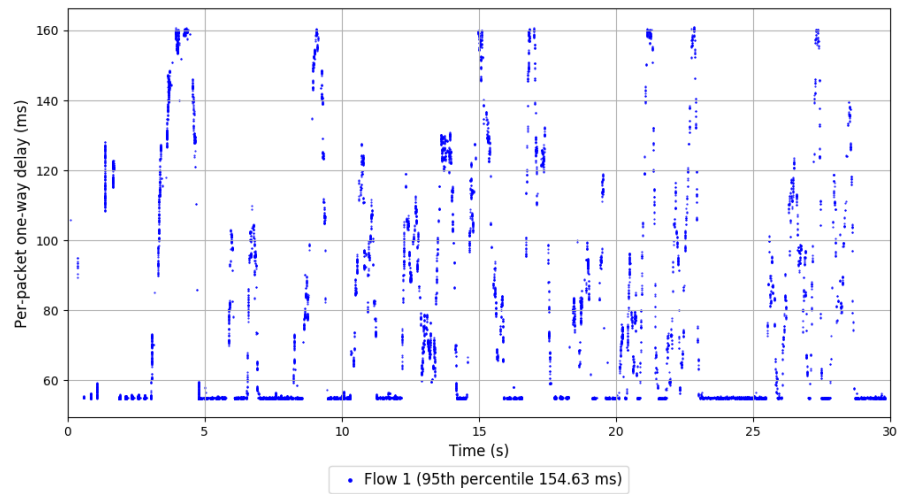
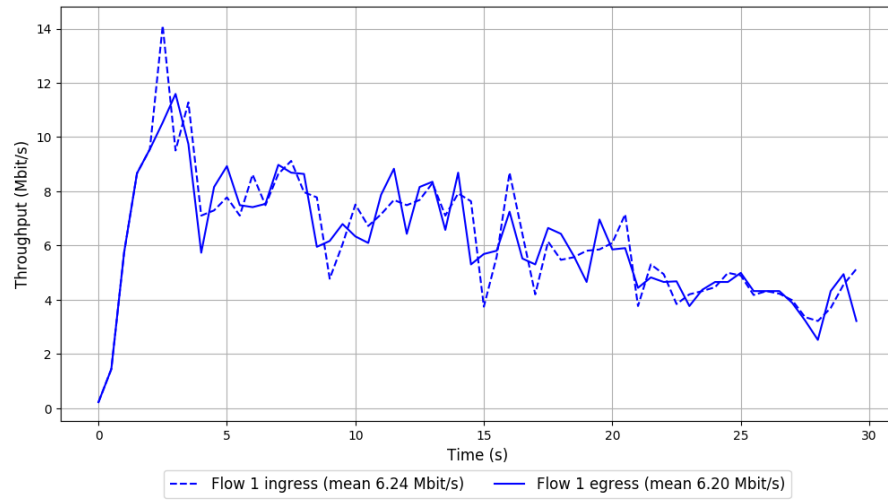


Run 6: Statistics of TCP Cubic

Start at: 2017-09-03 07:05:08
End at: 2017-09-03 07:05:38
Local clock offset: -3.672 ms
Remote clock offset: 30.244 ms

Below is generated by plot.py at 2017-09-03 11:37:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.20 Mbit/s
95th percentile per-packet one-way delay: 154.627 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 6.20 Mbit/s
95th percentile per-packet one-way delay: 154.627 ms
Loss rate: 1.39%

Run 6: Report of TCP Cubic — Data Link

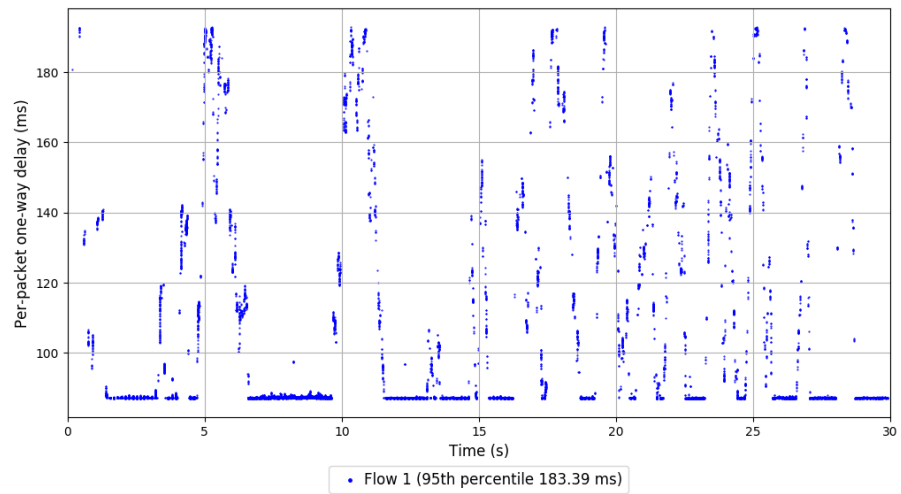
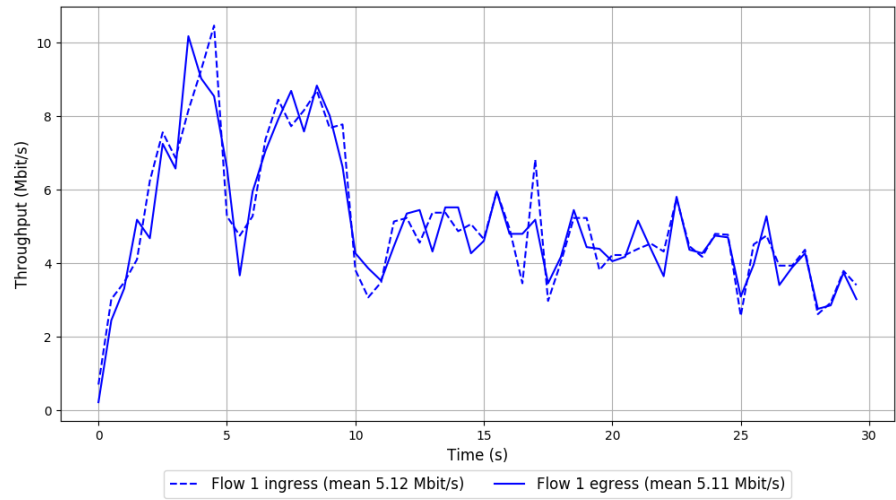


Run 7: Statistics of TCP Cubic

Start at: 2017-09-03 07:23:35
End at: 2017-09-03 07:24:05
Local clock offset: -1.811 ms
Remote clock offset: -3.646 ms

Below is generated by plot.py at 2017-09-03 11:37:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 183.386 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 183.386 ms
Loss rate: 0.92%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-09-03 07:42:25

End at: 2017-09-03 07:42:55

Local clock offset: -2.663 ms

Remote clock offset: -3.93 ms

Below is generated by plot.py at 2017-09-03 11:37:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.16 Mbit/s

95th percentile per-packet one-way delay: 158.440 ms

Loss rate: 1.37%

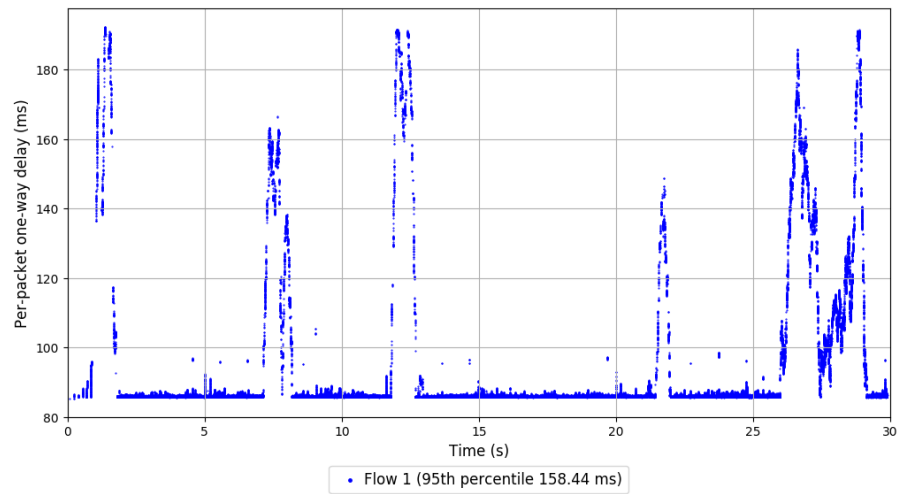
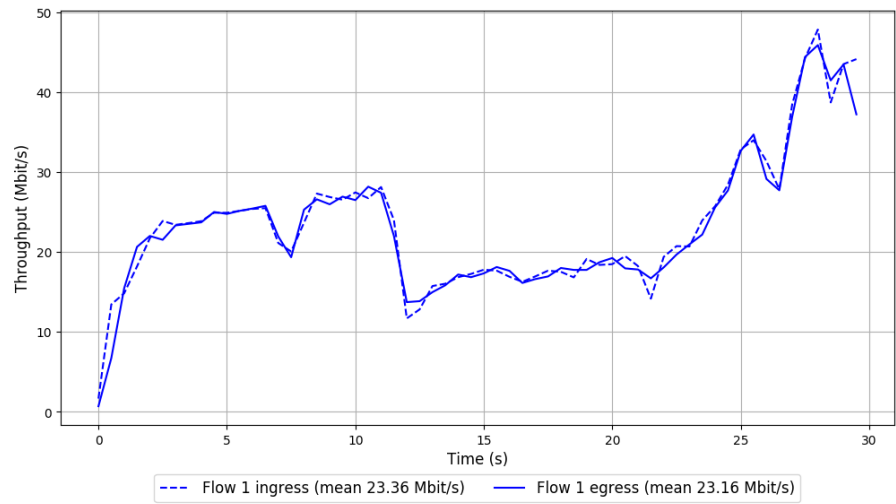
-- Flow 1:

Average throughput: 23.16 Mbit/s

95th percentile per-packet one-way delay: 158.440 ms

Loss rate: 1.37%

Run 8: Report of TCP Cubic — Data Link

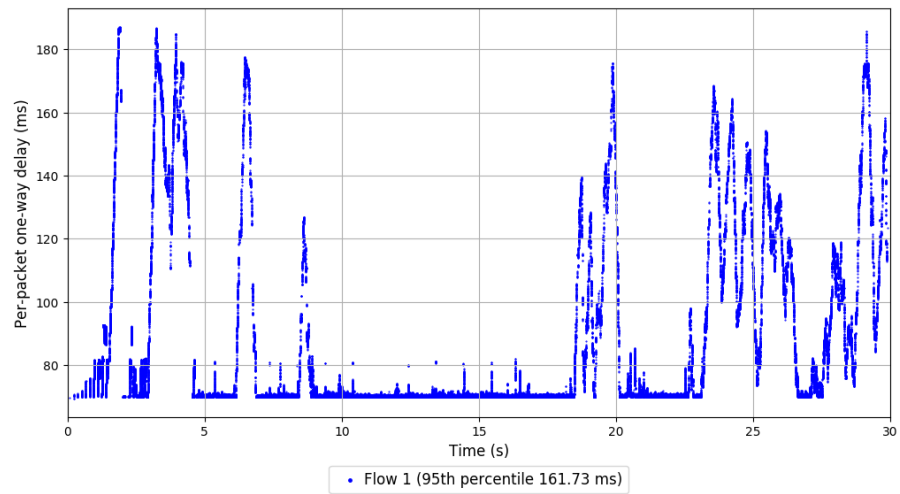
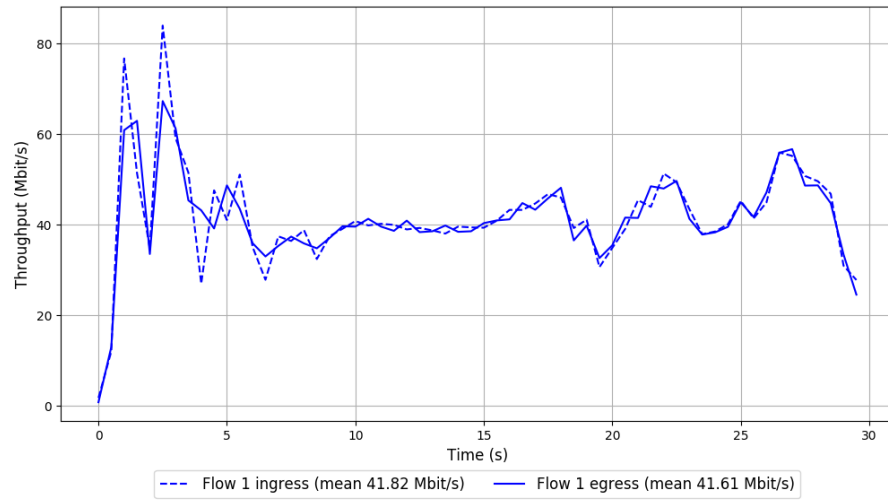


Run 9: Statistics of TCP Cubic

Start at: 2017-09-03 08:00:41
End at: 2017-09-03 08:01:11
Local clock offset: -0.656 ms
Remote clock offset: -4.181 ms

Below is generated by plot.py at 2017-09-03 11:37:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.61 Mbit/s
95th percentile per-packet one-way delay: 161.728 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 41.61 Mbit/s
95th percentile per-packet one-way delay: 161.728 ms
Loss rate: 0.85%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-03 08:18:53

End at: 2017-09-03 08:19:23

Local clock offset: 19.366 ms

Remote clock offset: -3.133 ms

Below is generated by plot.py at 2017-09-03 11:37:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.90 Mbit/s

95th percentile per-packet one-way delay: 178.987 ms

Loss rate: 0.56%

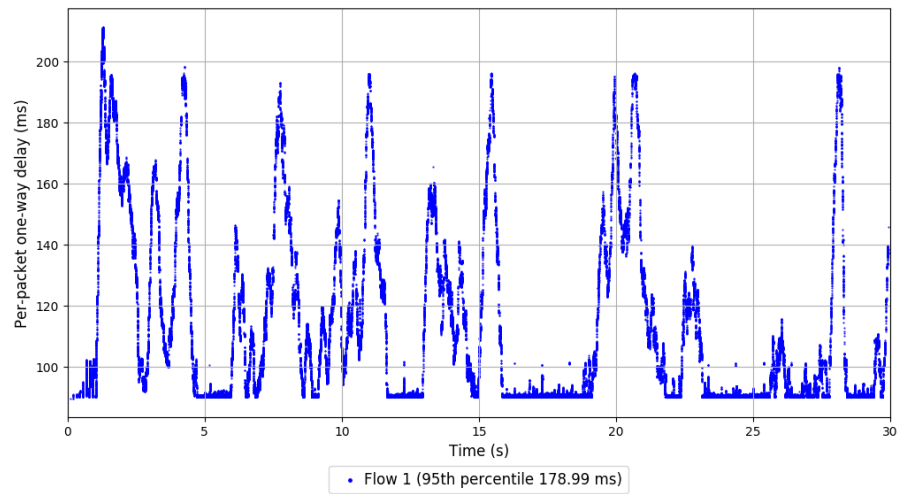
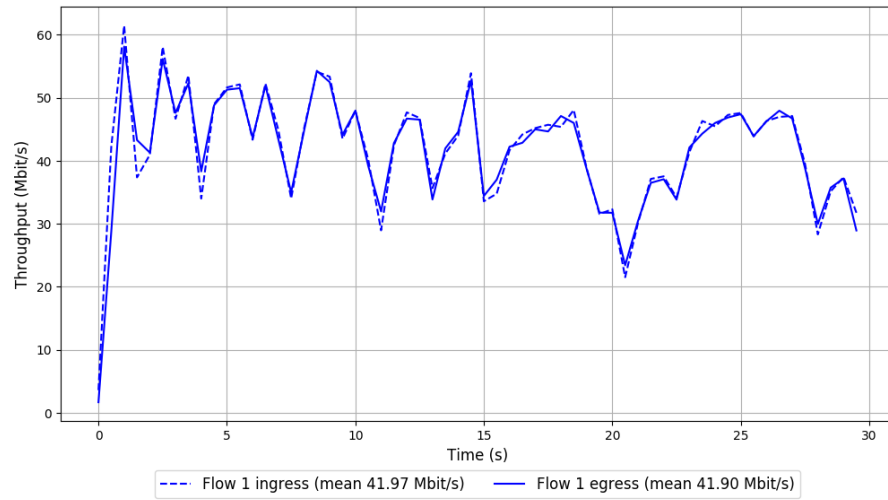
-- Flow 1:

Average throughput: 41.90 Mbit/s

95th percentile per-packet one-way delay: 178.987 ms

Loss rate: 0.56%

Run 10: Report of TCP Cubic — Data Link

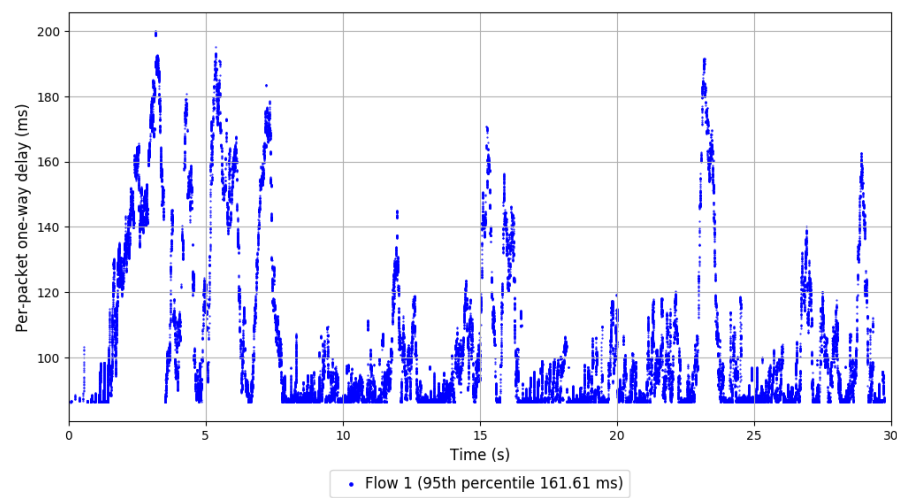
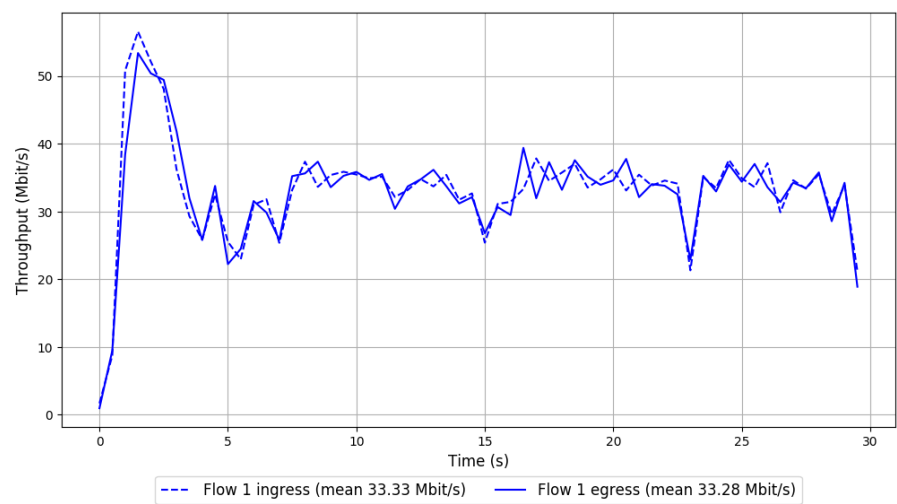


Run 1: Statistics of Indigo

Start at: 2017-09-03 05:21:41
End at: 2017-09-03 05:22:11
Local clock offset: -2.434 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2017-09-03 11:37:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 161.608 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 161.608 ms
Loss rate: 0.60%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-09-03 05:39:43

End at: 2017-09-03 05:40:13

Local clock offset: -4.291 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2017-09-03 11:37:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.47 Mbit/s

95th percentile per-packet one-way delay: 110.658 ms

Loss rate: 0.47%

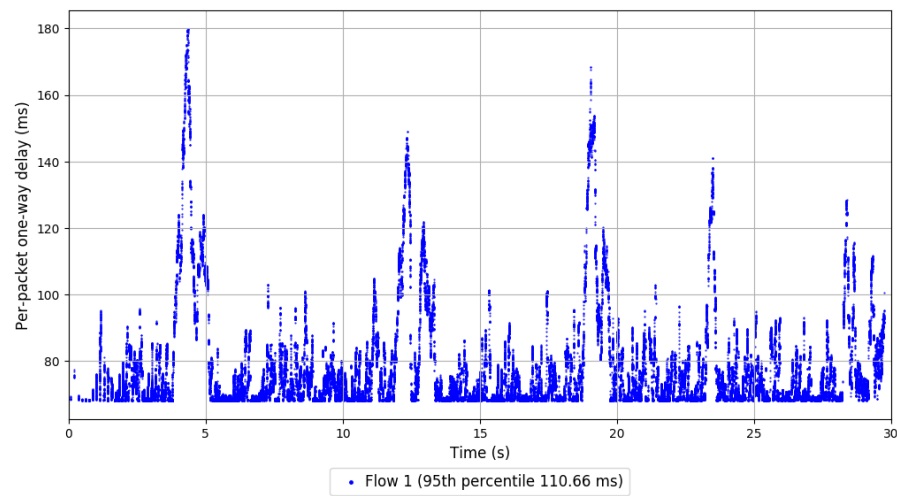
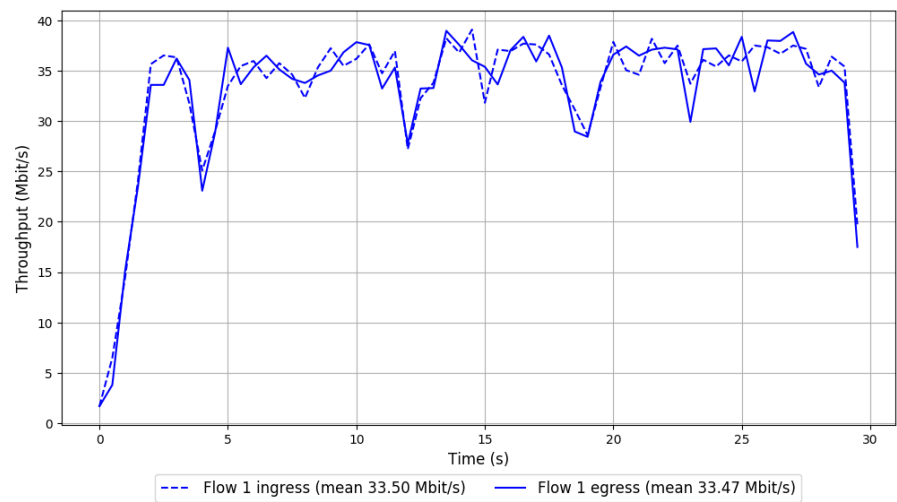
-- Flow 1:

Average throughput: 33.47 Mbit/s

95th percentile per-packet one-way delay: 110.658 ms

Loss rate: 0.47%

Run 2: Report of Indigo — Data Link

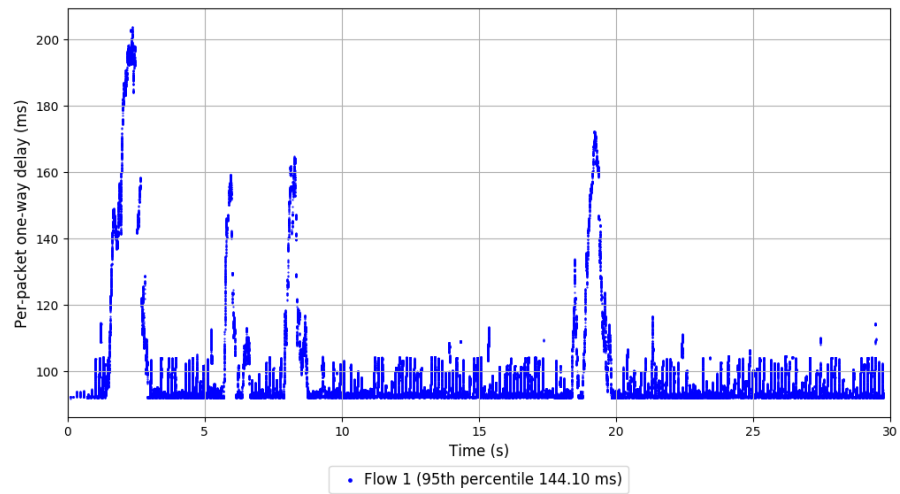
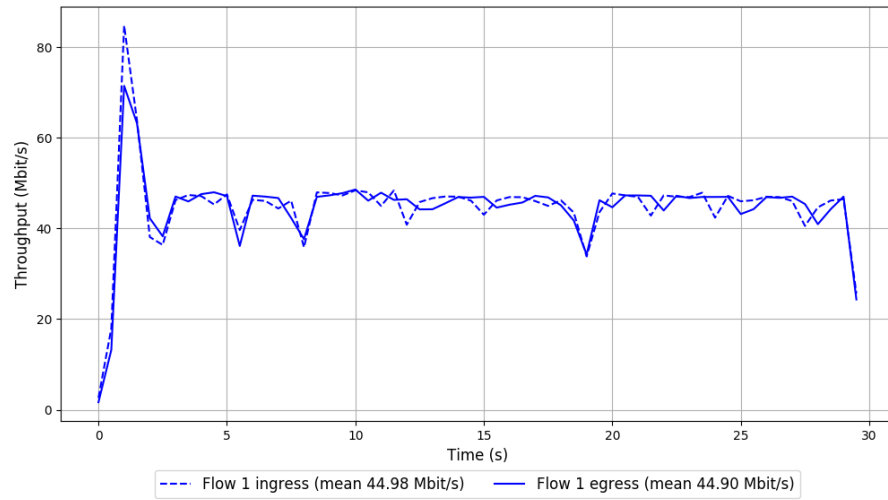


Run 3: Statistics of Indigo

Start at: 2017-09-03 05:57:54
End at: 2017-09-03 05:58:24
Local clock offset: 19.977 ms
Remote clock offset: -0.333 ms

Below is generated by plot.py at 2017-09-03 11:37:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 144.105 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 144.105 ms
Loss rate: 0.57%

Run 3: Report of Indigo — Data Link

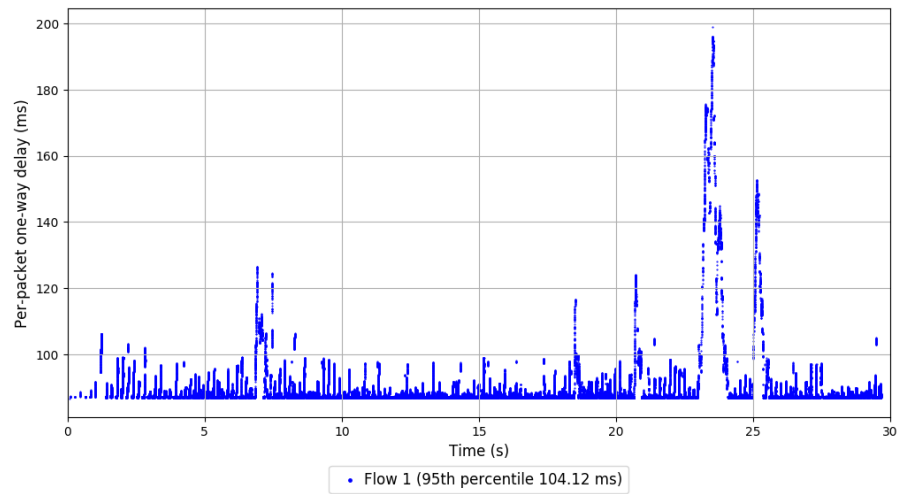
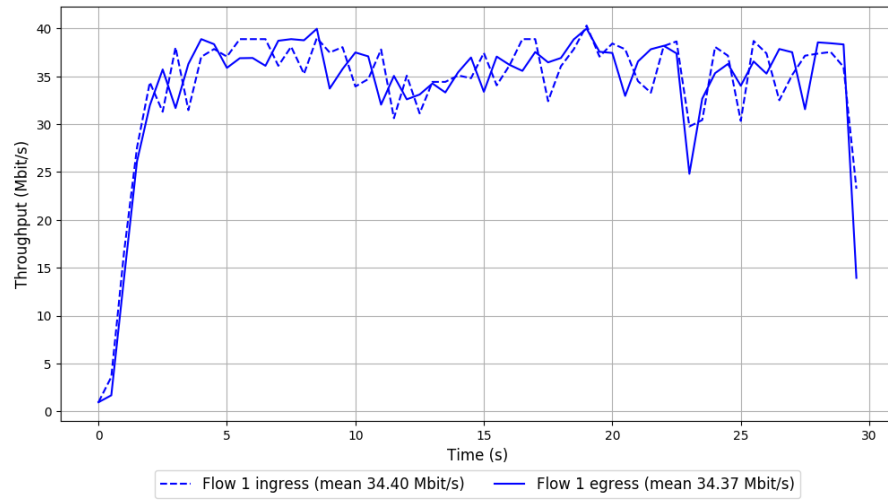


Run 4: Statistics of Indigo

Start at: 2017-09-03 06:16:08
End at: 2017-09-03 06:16:38
Local clock offset: -2.114 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2017-09-03 11:37:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 104.119 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 104.119 ms
Loss rate: 0.66%

Run 4: Report of Indigo — Data Link

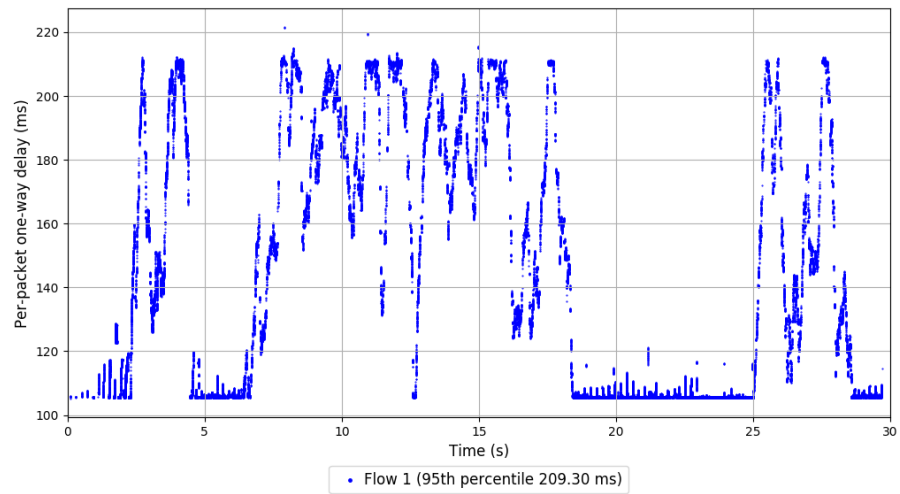
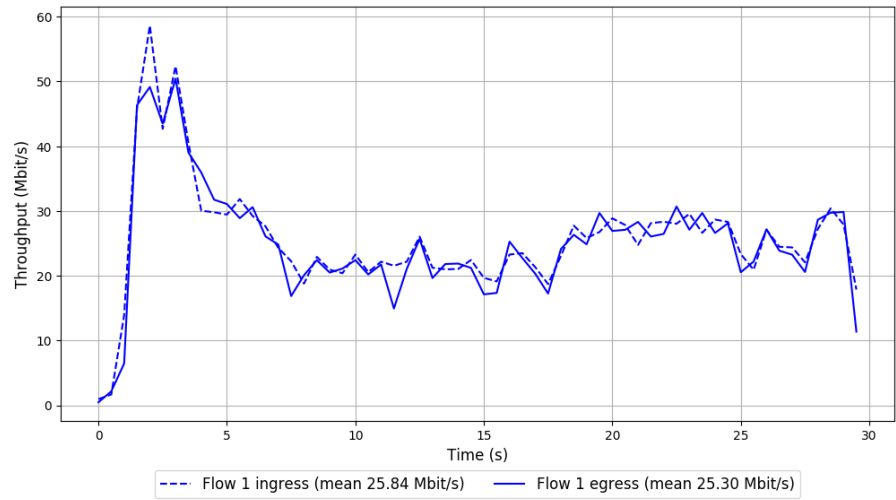


Run 5: Statistics of Indigo

Start at: 2017-09-03 06:34:59
End at: 2017-09-03 06:35:29
Local clock offset: -3.722 ms
Remote clock offset: -19.723 ms

Below is generated by plot.py at 2017-09-03 11:37:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 209.297 ms
Loss rate: 2.73%
-- Flow 1:
Average throughput: 25.30 Mbit/s
95th percentile per-packet one-way delay: 209.297 ms
Loss rate: 2.73%

Run 5: Report of Indigo — Data Link

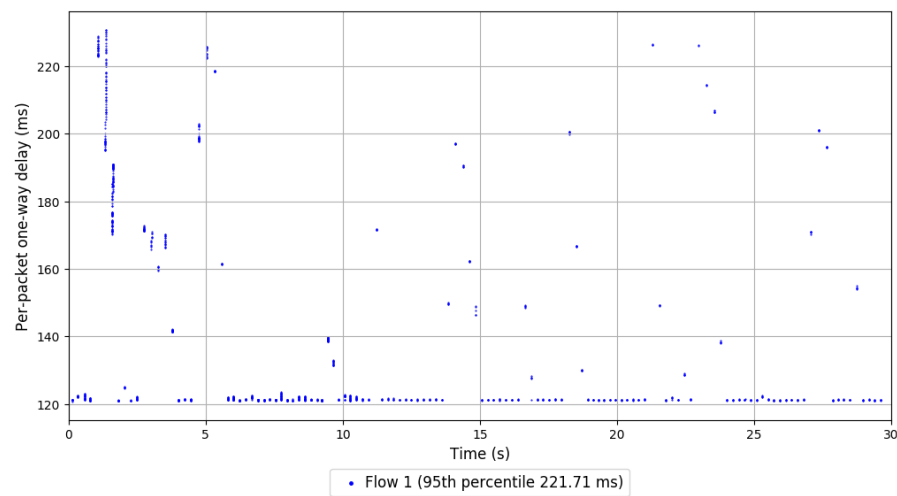
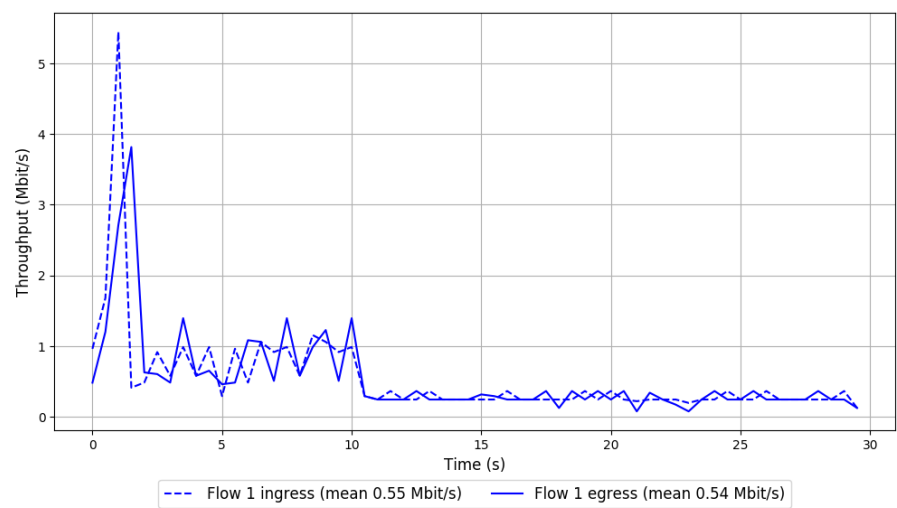


Run 6: Statistics of Indigo

Start at: 2017-09-03 06:53:52
End at: 2017-09-03 06:54:22
Local clock offset: 15.208 ms
Remote clock offset: -34.12 ms

Below is generated by plot.py at 2017-09-03 11:37:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 221.708 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 221.708 ms
Loss rate: 1.33%

Run 6: Report of Indigo — Data Link

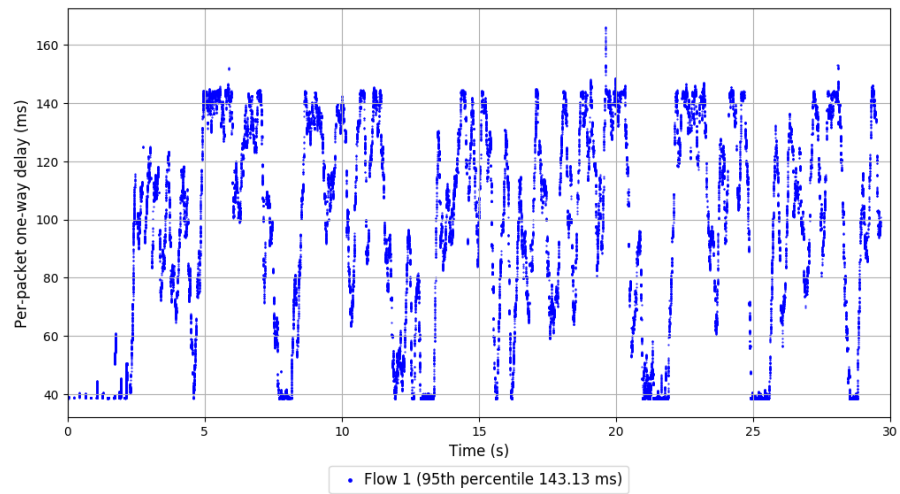
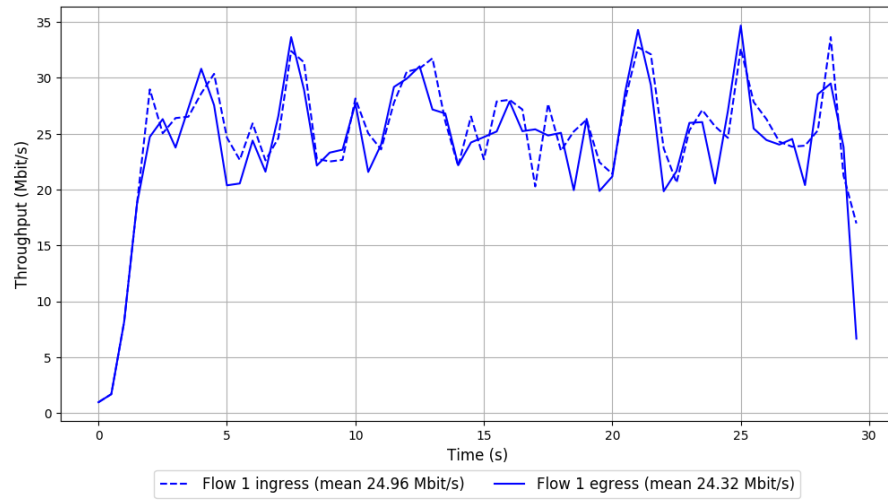


Run 7: Statistics of Indigo

Start at: 2017-09-03 07:12:38
End at: 2017-09-03 07:13:08
Local clock offset: -2.399 ms
Remote clock offset: 29.729 ms

Below is generated by plot.py at 2017-09-03 11:37:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 143.129 ms
Loss rate: 3.25%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 143.129 ms
Loss rate: 3.25%

Run 7: Report of Indigo — Data Link

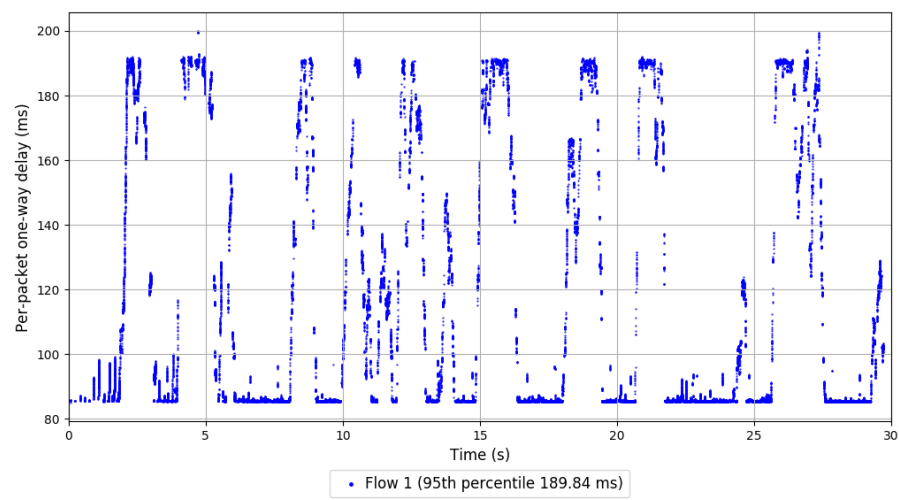
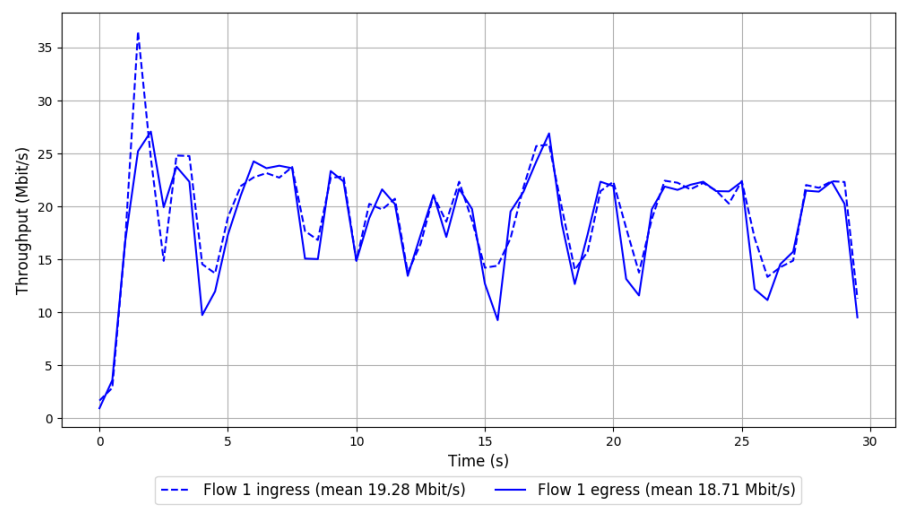


Run 8: Statistics of Indigo

Start at: 2017-09-03 07:31:04
End at: 2017-09-03 07:31:34
Local clock offset: -3.075 ms
Remote clock offset: -4.228 ms

Below is generated by plot.py at 2017-09-03 11:37:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.71 Mbit/s
95th percentile per-packet one-way delay: 189.836 ms
Loss rate: 3.47%
-- Flow 1:
Average throughput: 18.71 Mbit/s
95th percentile per-packet one-way delay: 189.836 ms
Loss rate: 3.47%

Run 8: Report of Indigo — Data Link

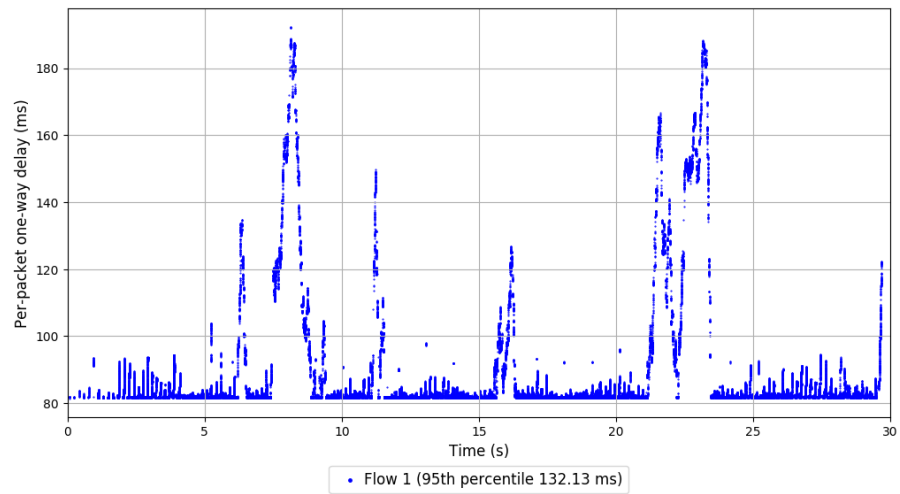
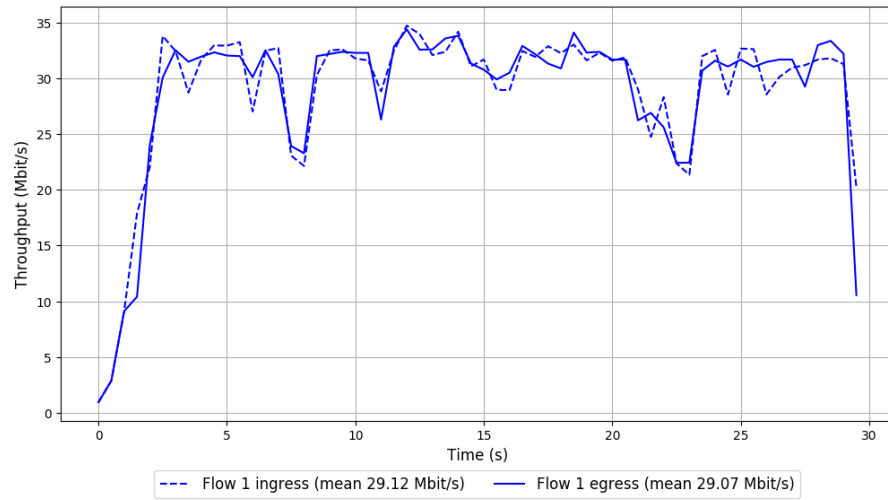


Run 9: Statistics of Indigo

Start at: 2017-09-03 07:49:39
End at: 2017-09-03 07:50:09
Local clock offset: -2.39 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2017-09-03 11:37:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 132.134 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 29.07 Mbit/s
95th percentile per-packet one-way delay: 132.134 ms
Loss rate: 0.69%

Run 9: Report of Indigo — Data Link

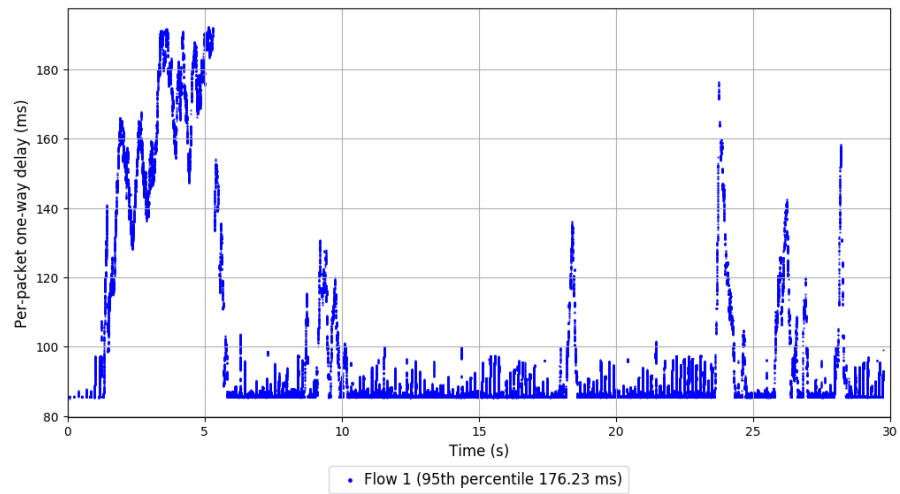
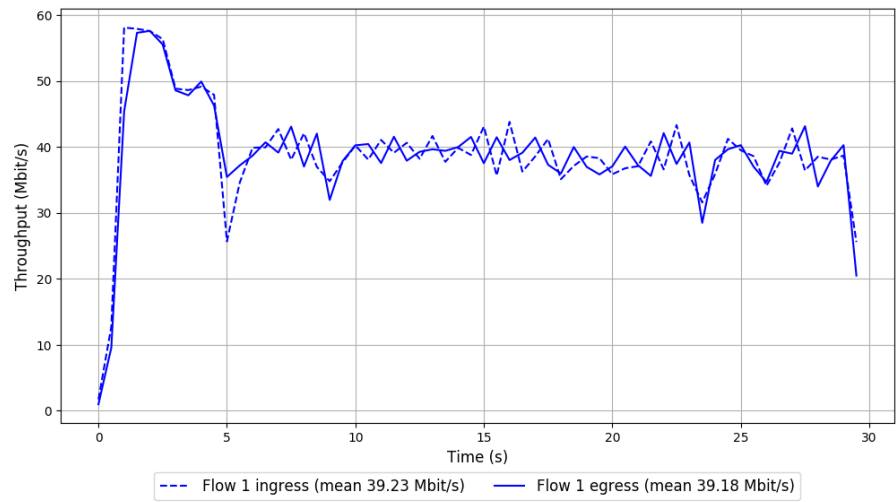


Run 10: Statistics of Indigo

Start at: 2017-09-03 08:07:57
End at: 2017-09-03 08:08:27
Local clock offset: -2.043 ms
Remote clock offset: -3.732 ms

Below is generated by plot.py at 2017-09-03 11:37:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 176.232 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 176.232 ms
Loss rate: 0.57%

Run 10: Report of Indigo — Data Link

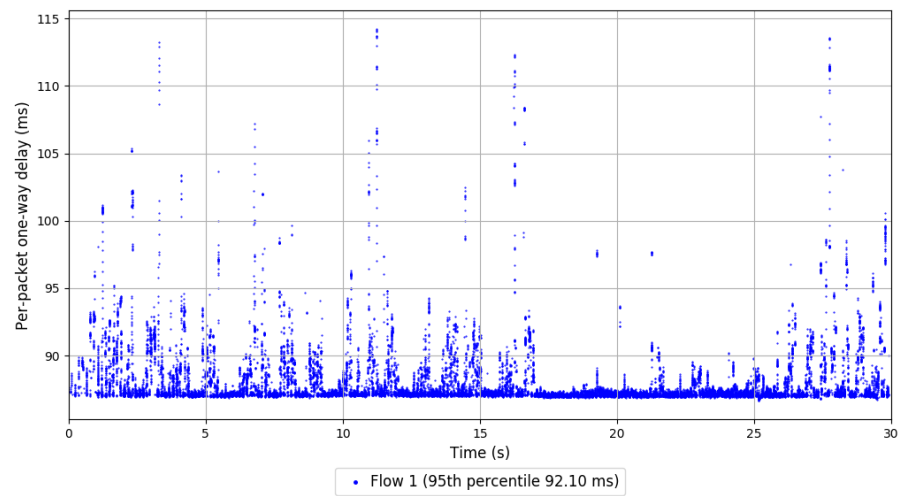
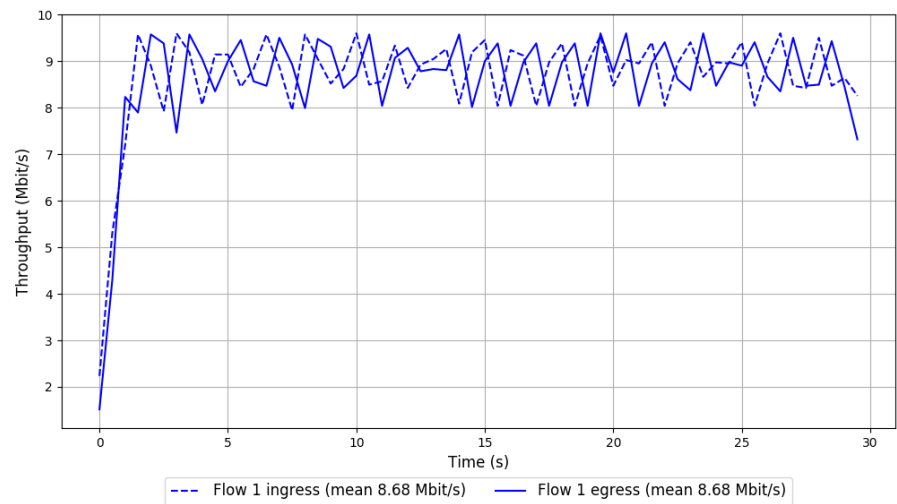


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 05:34:55
End at: 2017-09-03 05:35:25
Local clock offset: -2.704 ms
Remote clock offset: -0.016 ms

# Below is generated by plot.py at 2017-09-03 11:37:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 92.104 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 8.68 Mbit/s
95th percentile per-packet one-way delay: 92.104 ms
Loss rate: 0.48%
```

Run 1: Report of KohoCC — Data Link

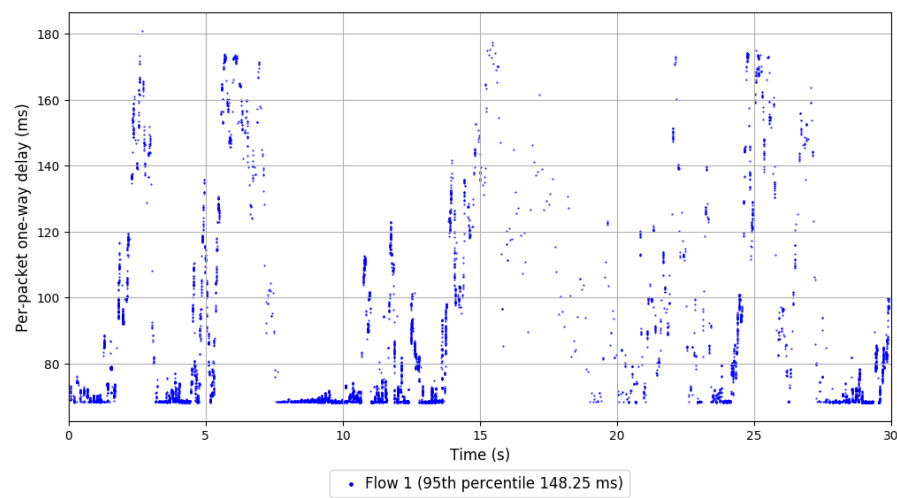
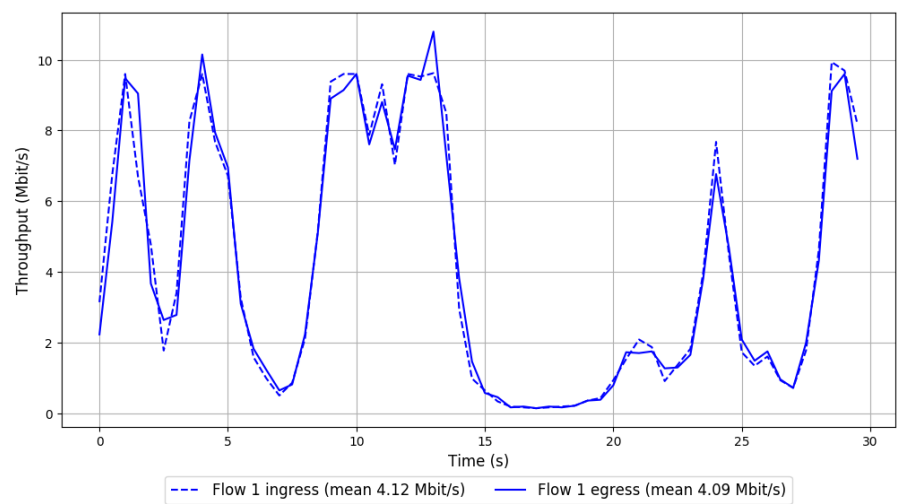


Run 2: Statistics of KohoCC

Start at: 2017-09-03 05:53:07
End at: 2017-09-03 05:53:37
Local clock offset: -4.121 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2017-09-03 11:37:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 148.245 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 148.245 ms
Loss rate: 1.25%

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

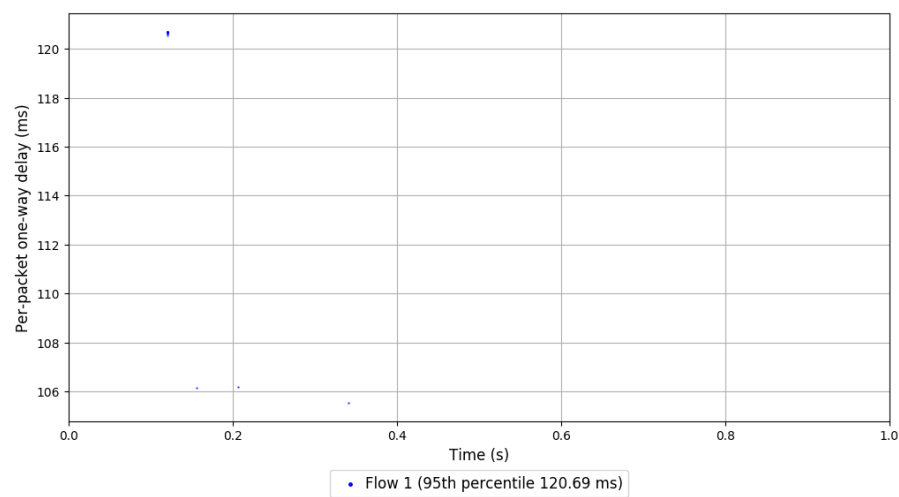
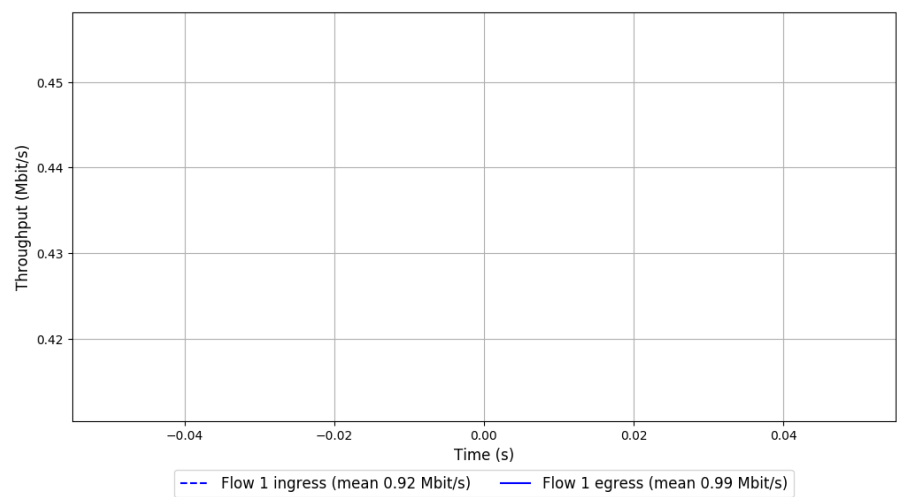
Start at: 2017-09-03 06:11:13

End at: 2017-09-03 06:11:43

Local clock offset: 16.532 ms

Remote clock offset: -0.022 ms

Run 3: Report of KohoCC — Data Link

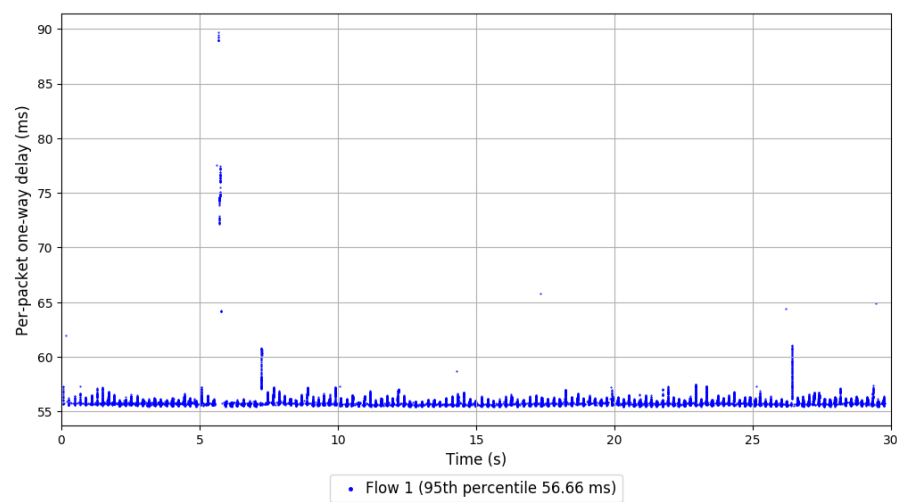
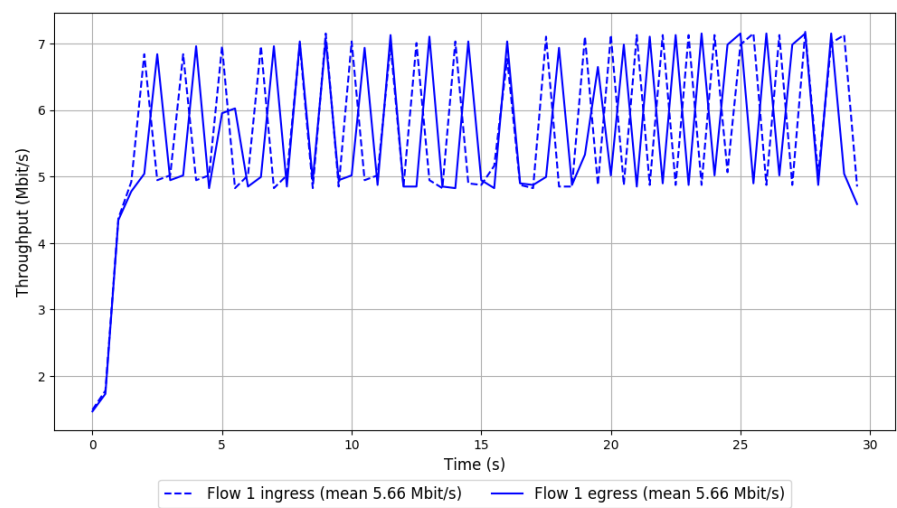


Run 4: Statistics of KohoCC

Start at: 2017-09-03 06:30:02
End at: 2017-09-03 06:30:32
Local clock offset: -3.527 ms
Remote clock offset: 30.402 ms

Below is generated by plot.py at 2017-09-03 11:37:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.66 Mbit/s
95th percentile per-packet one-way delay: 56.657 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 5.66 Mbit/s
95th percentile per-packet one-way delay: 56.657 ms
Loss rate: 0.71%

Run 4: Report of KohoCC — Data Link

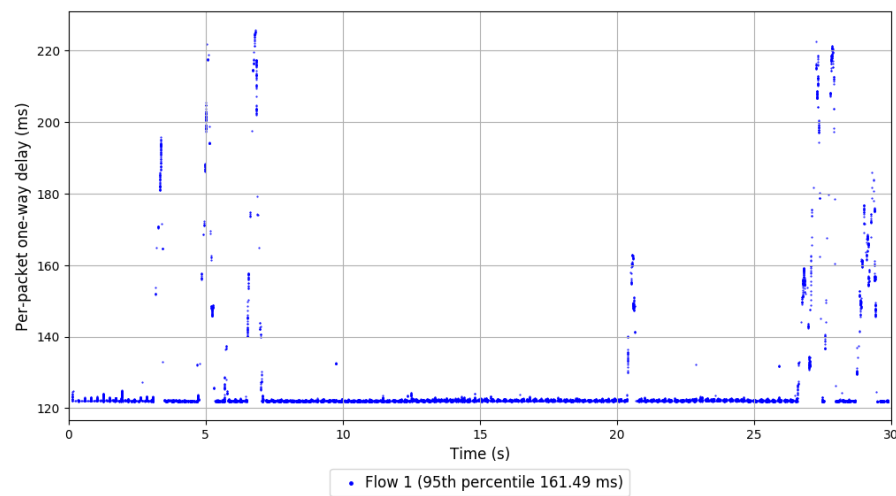
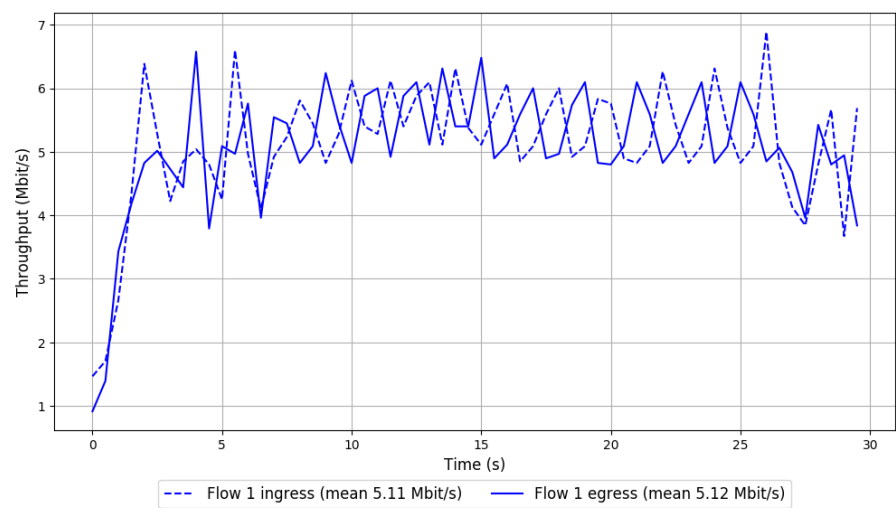


Run 5: Statistics of KohoCC

Start at: 2017-09-03 06:48:47
End at: 2017-09-03 06:49:17
Local clock offset: -3.764 ms
Remote clock offset: -36.79 ms

Below is generated by plot.py at 2017-09-03 11:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 161.487 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 161.487 ms
Loss rate: 0.74%

Run 5: Report of KohoCC — Data Link

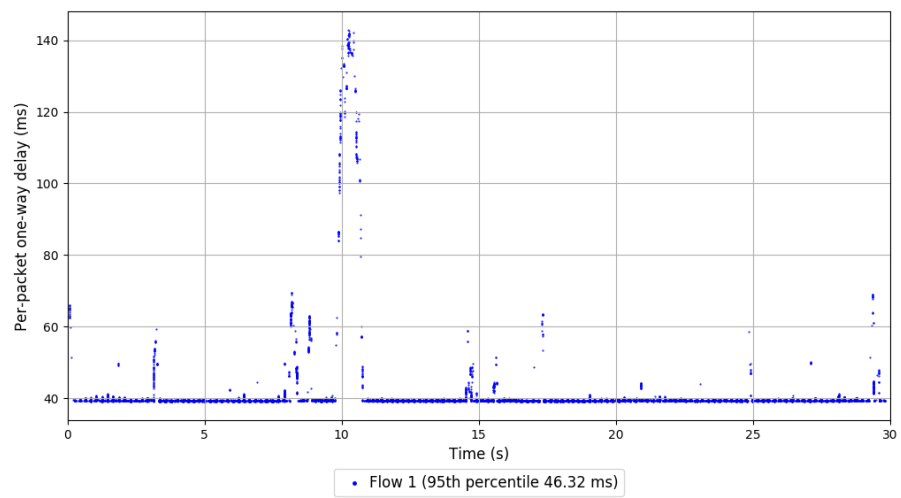
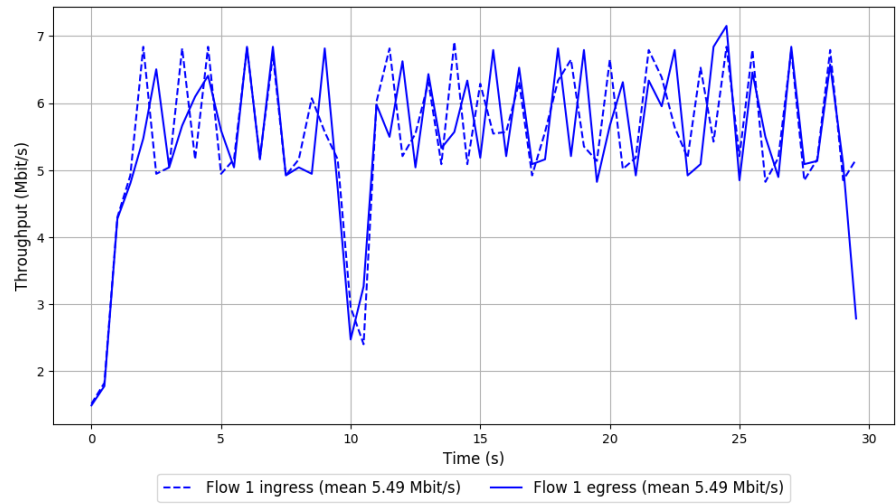


Run 6: Statistics of KohoCC

Start at: 2017-09-03 07:07:40
End at: 2017-09-03 07:08:10
Local clock offset: -2.282 ms
Remote clock offset: 30.056 ms

Below is generated by plot.py at 2017-09-03 11:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.49 Mbit/s
95th percentile per-packet one-way delay: 46.324 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 5.49 Mbit/s
95th percentile per-packet one-way delay: 46.324 ms
Loss rate: 0.73%

Run 6: Report of KohoCC — Data Link

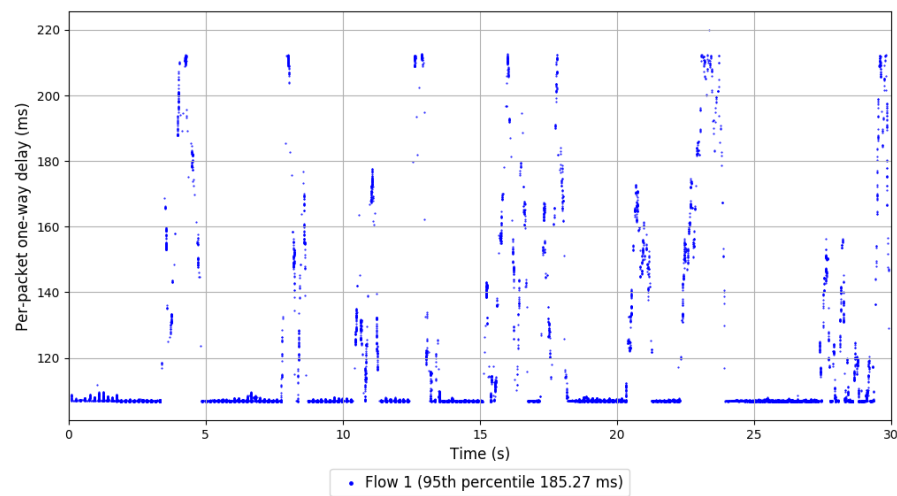
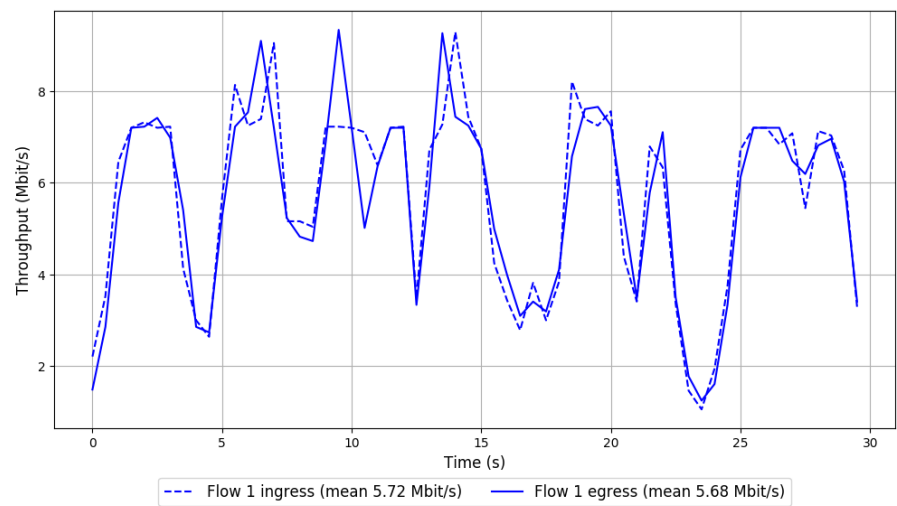


Run 7: Statistics of KohoCC

Start at: 2017-09-03 07:26:08
End at: 2017-09-03 07:26:38
Local clock offset: 17.746 ms
Remote clock offset: -3.859 ms

Below is generated by plot.py at 2017-09-03 11:37:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 185.266 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 185.266 ms
Loss rate: 1.13%

Run 7: Report of KohoCC — Data Link

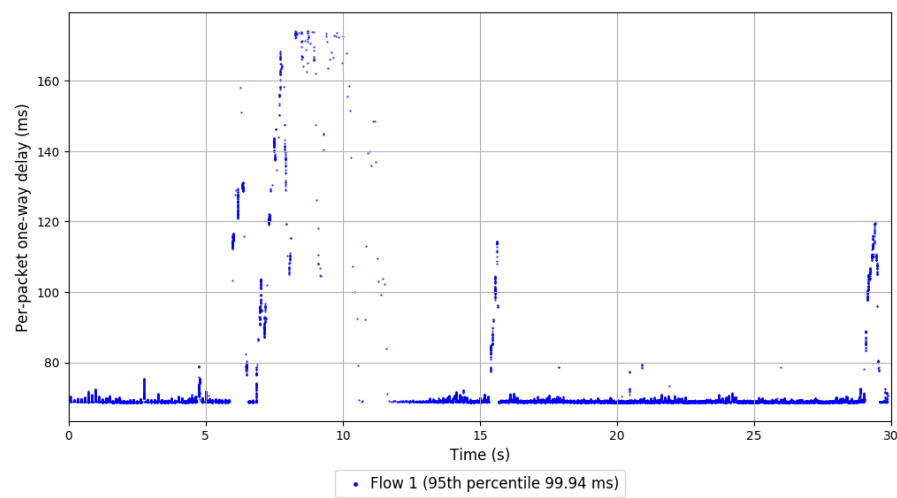
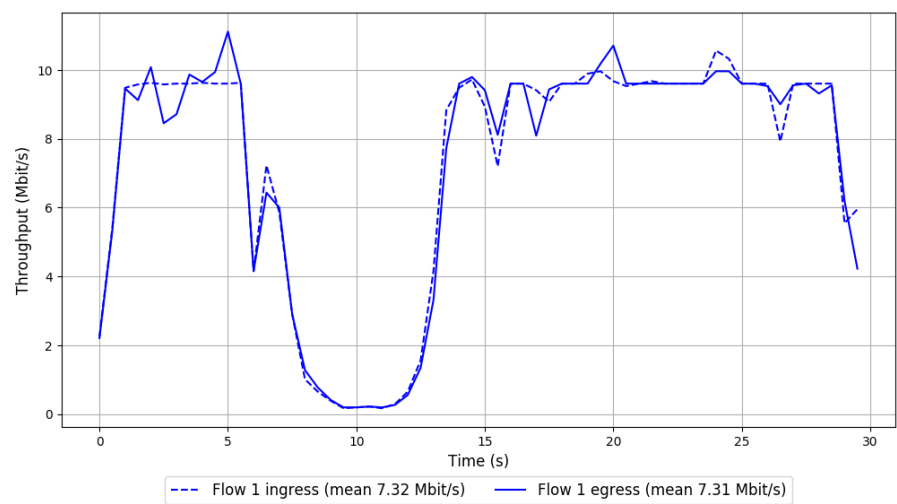


Run 8: Statistics of KohoCC

Start at: 2017-09-03 07:44:52
End at: 2017-09-03 07:45:22
Local clock offset: -2.426 ms
Remote clock offset: -4.023 ms

Below is generated by plot.py at 2017-09-03 11:38:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 99.945 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 7.31 Mbit/s
95th percentile per-packet one-way delay: 99.945 ms
Loss rate: 0.54%

Run 8: Report of KohoCC — Data Link

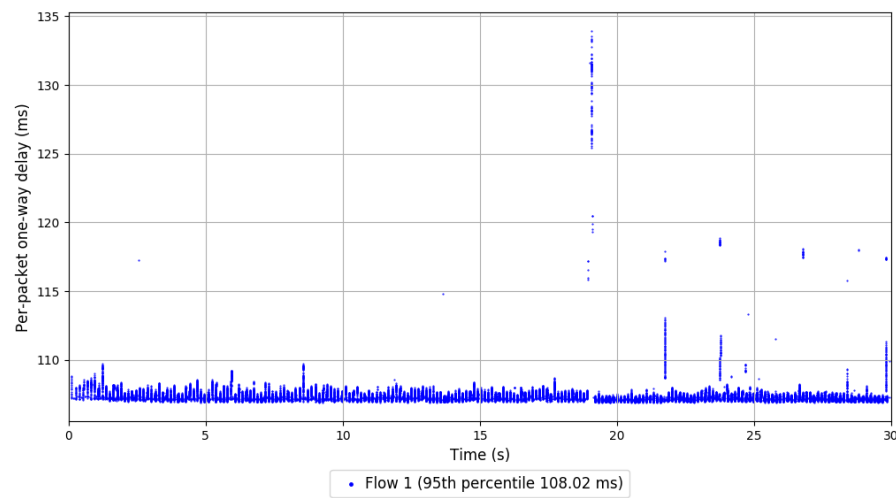
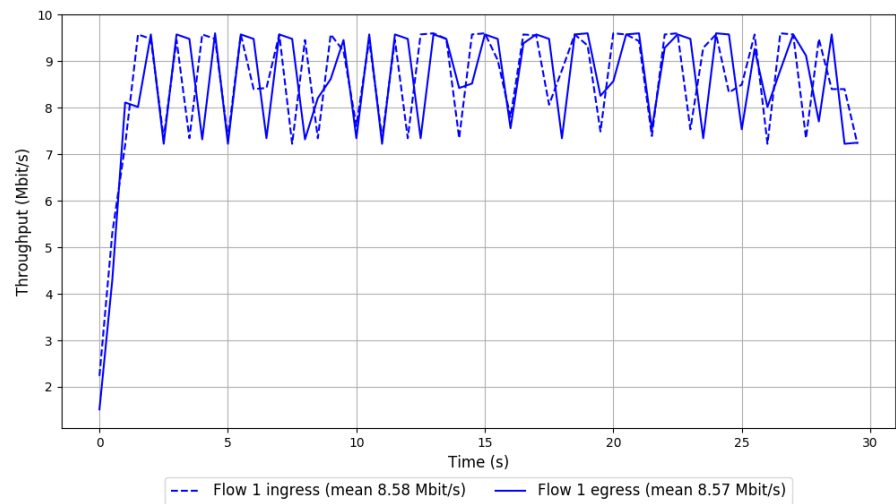


Run 9: Statistics of KohoCC

Start at: 2017-09-03 08:03:08
End at: 2017-09-03 08:03:38
Local clock offset: 19.318 ms
Remote clock offset: -4.031 ms

Below is generated by plot.py at 2017-09-03 11:38:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 108.020 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 108.020 ms
Loss rate: 0.46%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-03 08:21:20

End at: 2017-09-03 08:21:50

Local clock offset: -2.443 ms

Remote clock offset: -3.272 ms

Run 10: Report of KohoCC — Data Link

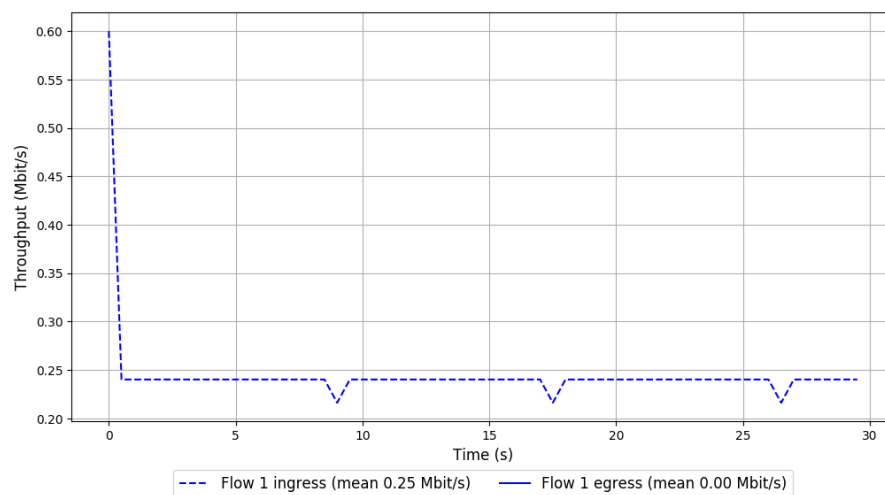


Figure is missing

Run 1: Statistics of LEDBAT

Start at: 2017-09-03 05:26:31

End at: 2017-09-03 05:27:01

Local clock offset: -3.897 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2017-09-03 11:38:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 99.096 ms

Loss rate: 0.29%

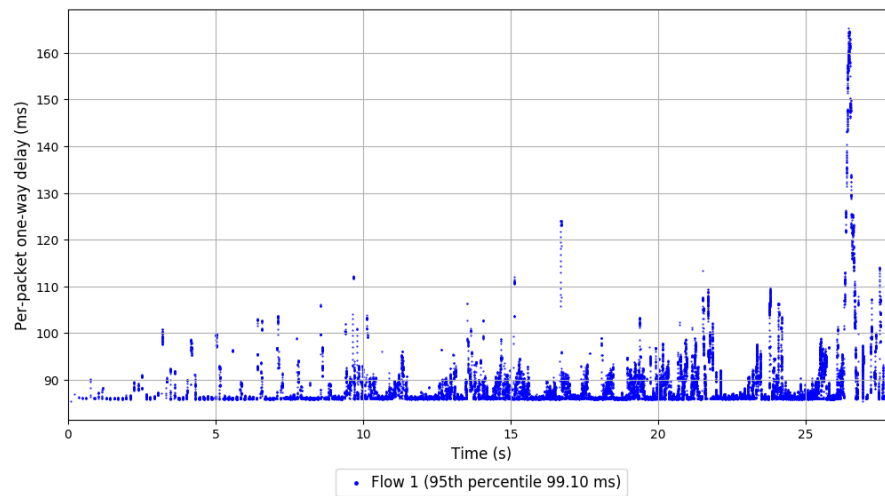
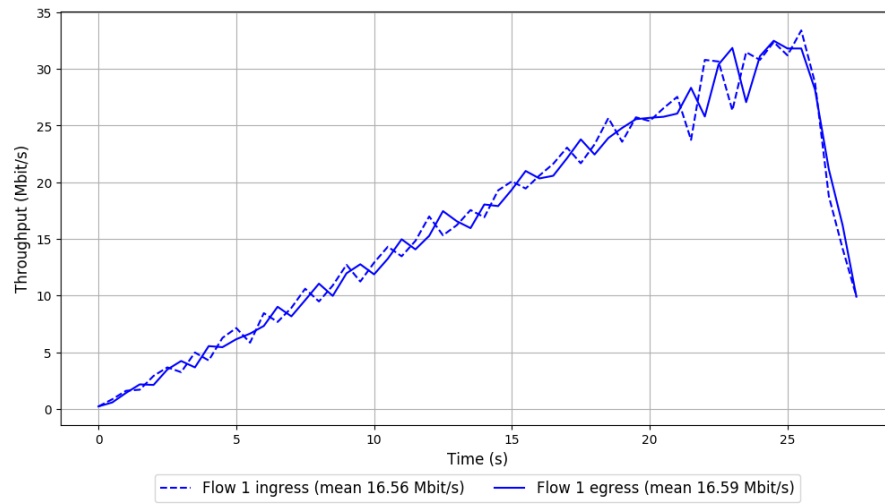
-- Flow 1:

Average throughput: 16.59 Mbit/s

95th percentile per-packet one-way delay: 99.096 ms

Loss rate: 0.29%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-09-03 05:44:39

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

Local clock offset: -4.441 ms

Remote clock offset: 0.037 ms

Below is generated by plot.py at 2017-09-03 11:38:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 96.882 ms

Loss rate: 0.37%

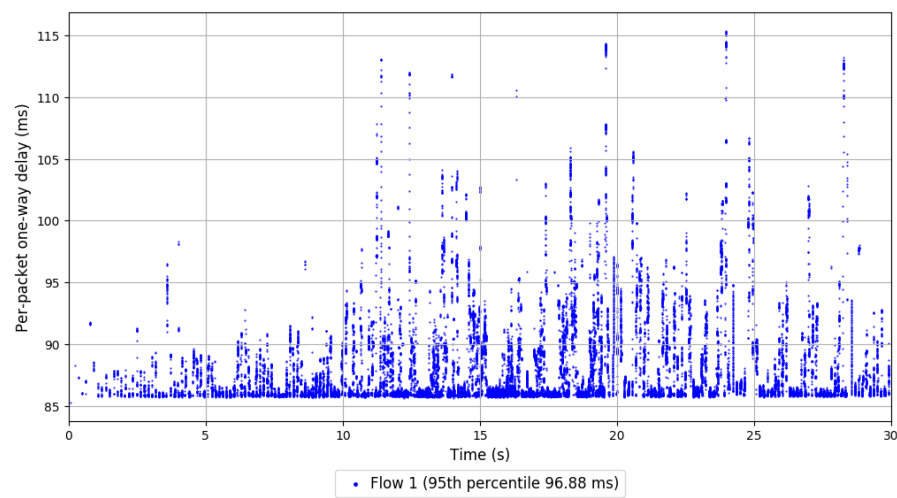
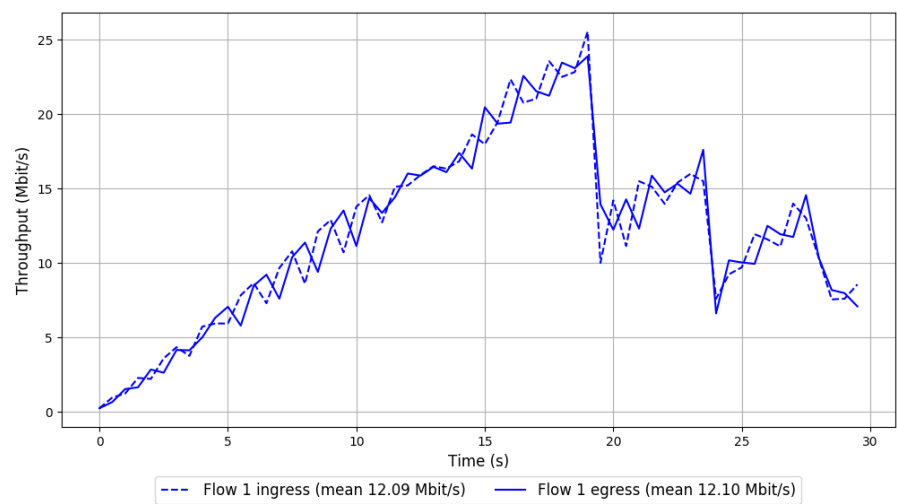
-- Flow 1:

Average throughput: 12.10 Mbit/s

95th percentile per-packet one-way delay: 96.882 ms

Loss rate: 0.37%

Run 2: Report of LEDBAT — Data Link

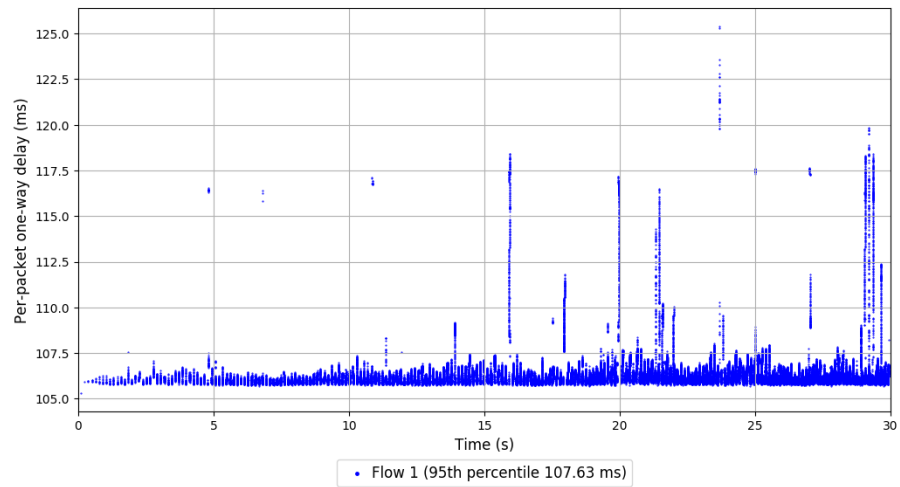
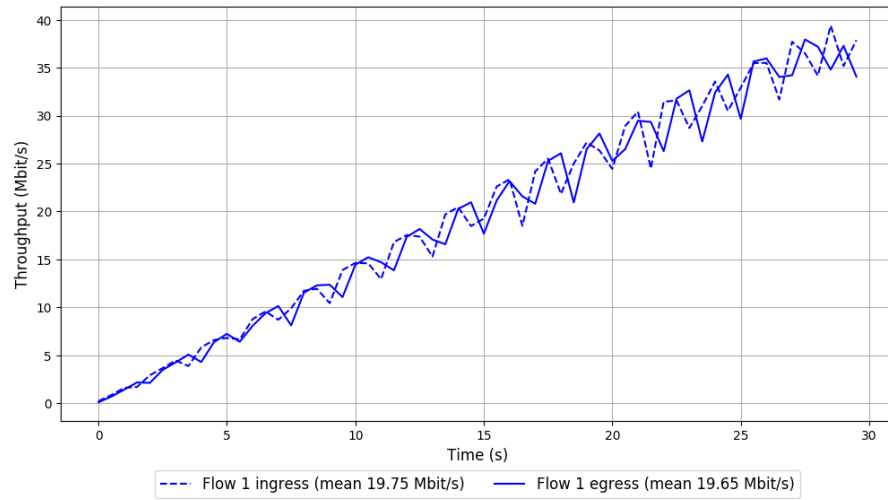


Run 3: Statistics of LEDBAT

Start at: 2017-09-03 06:02:42
End at: 2017-09-03 06:03:12
Local clock offset: 16.774 ms
Remote clock offset: -0.265 ms

Below is generated by plot.py at 2017-09-03 11:38:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.65 Mbit/s
95th percentile per-packet one-way delay: 107.634 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 19.65 Mbit/s
95th percentile per-packet one-way delay: 107.634 ms
Loss rate: 0.89%

Run 3: Report of LEDBAT — Data Link

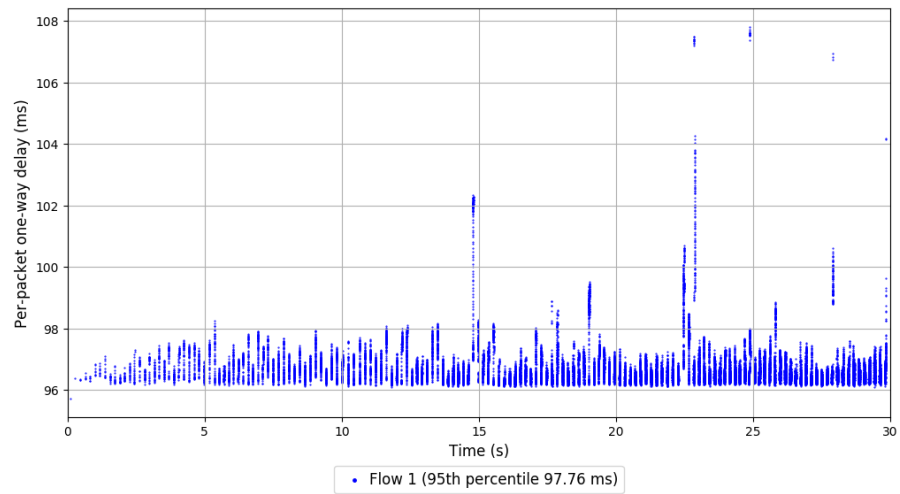
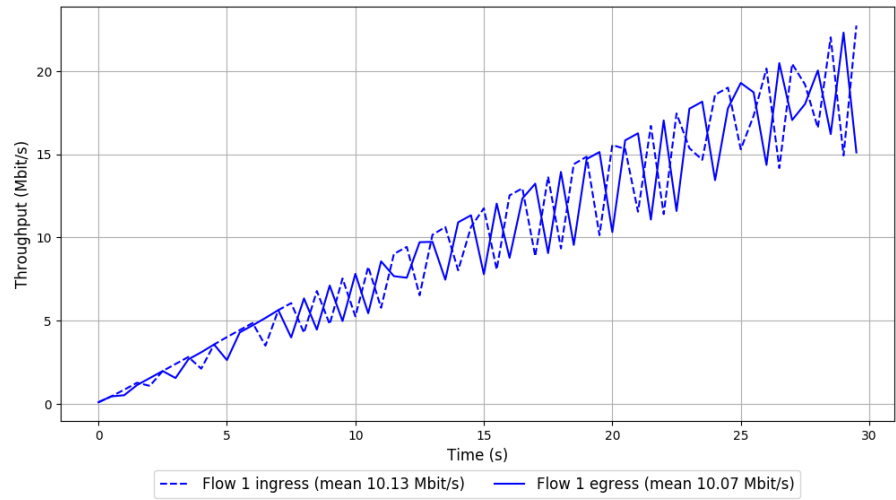


Run 4: Statistics of LEDBAT

Start at: 2017-09-03 06:21:12
End at: 2017-09-03 06:21:42
Local clock offset: -3.541 ms
Remote clock offset: -28.638 ms

Below is generated by plot.py at 2017-09-03 11:38:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 97.760 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 97.760 ms
Loss rate: 1.26%

Run 4: Report of LEDBAT — Data Link

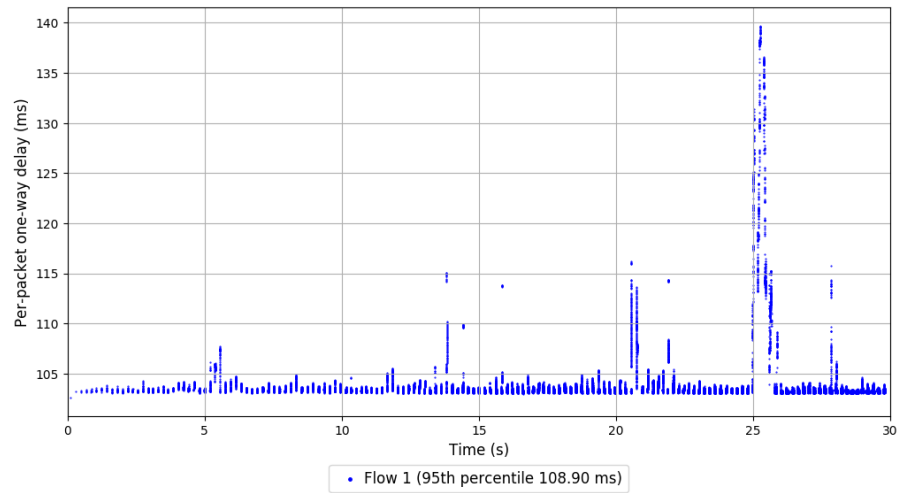
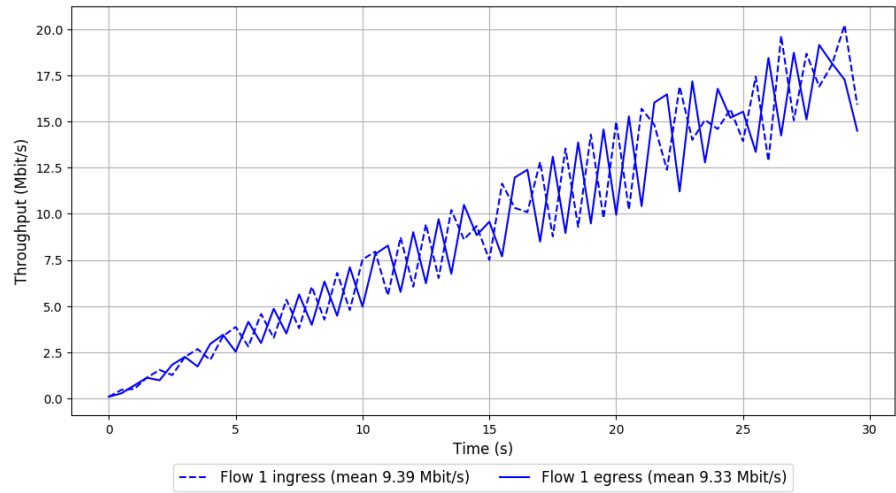


Run 5: Statistics of LEDBAT

Start at: 2017-09-03 06:39:59
End at: 2017-09-03 06:40:29
Local clock offset: -3.803 ms
Remote clock offset: -35.459 ms

Below is generated by plot.py at 2017-09-03 11:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 108.902 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 108.902 ms
Loss rate: 1.30%

Run 5: Report of LEDBAT — Data Link

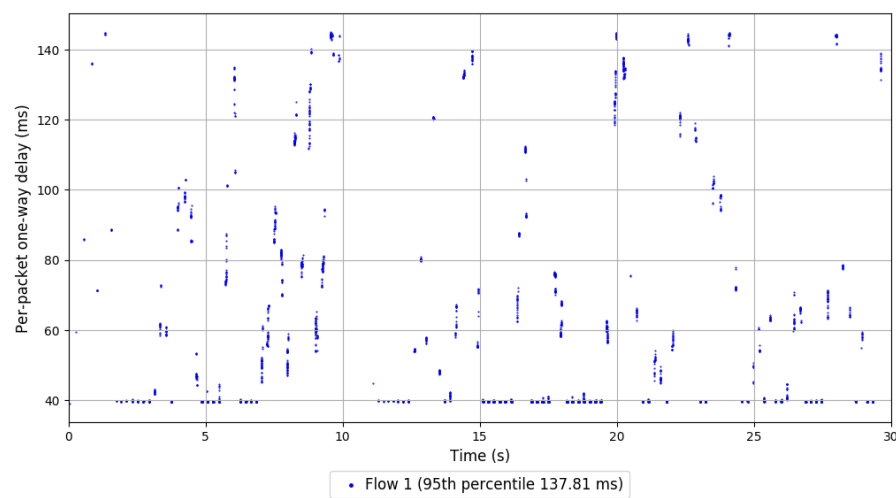
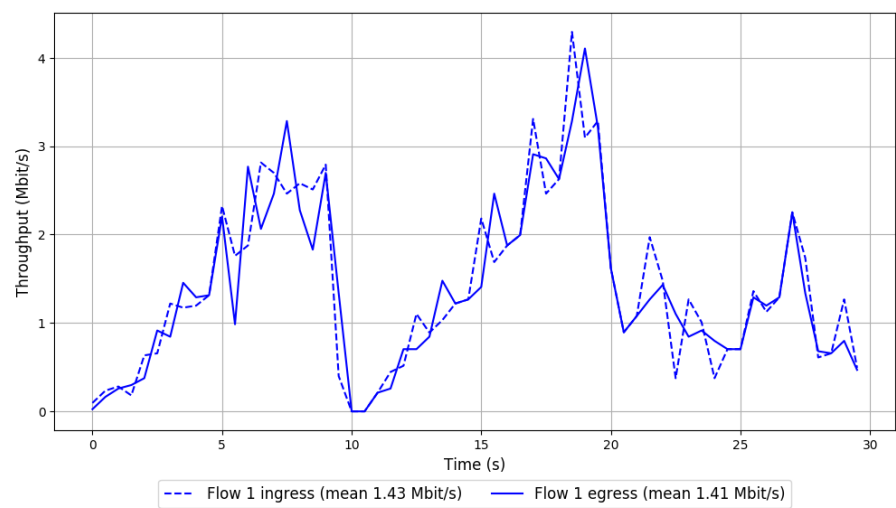


Run 6: Statistics of LEDBAT

Start at: 2017-09-03 06:58:54
End at: 2017-09-03 06:59:24
Local clock offset: -2.61 ms
Remote clock offset: 30.063 ms

Below is generated by plot.py at 2017-09-03 11:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 137.807 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 137.807 ms
Loss rate: 1.60%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

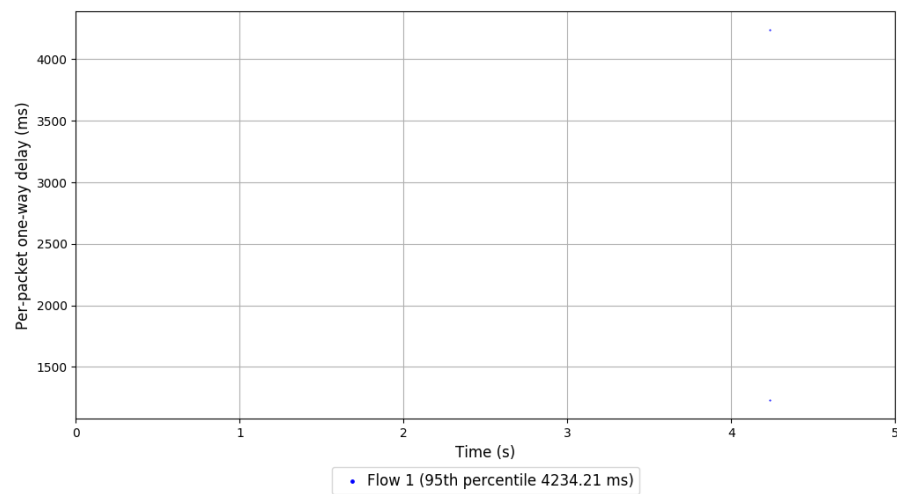
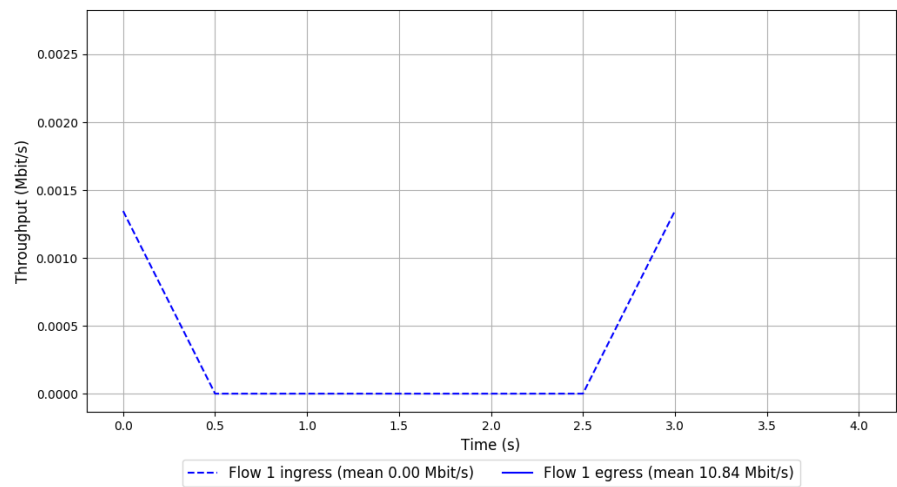
Start at: 2017-09-03 07:17:34

End at: 2017-09-03 07:18:04

Local clock offset: -3.358 ms

Remote clock offset: -2.252 ms

Run 7: Report of LEDBAT — Data Link

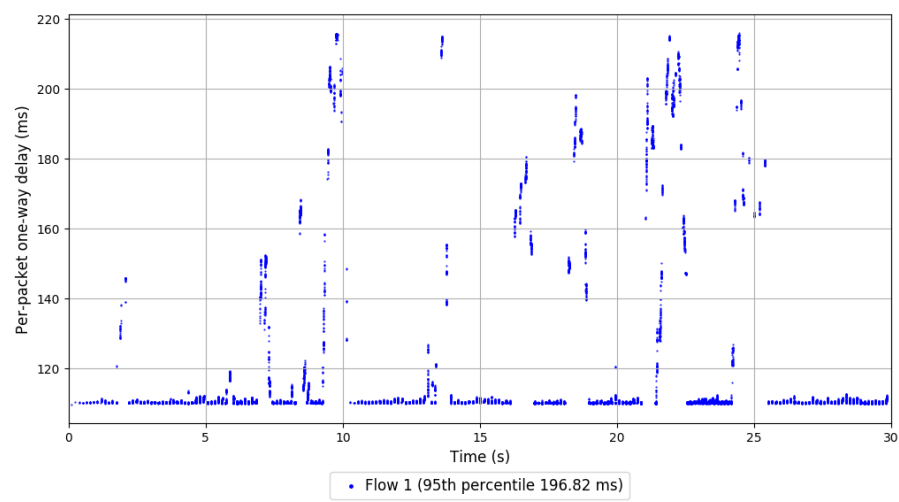
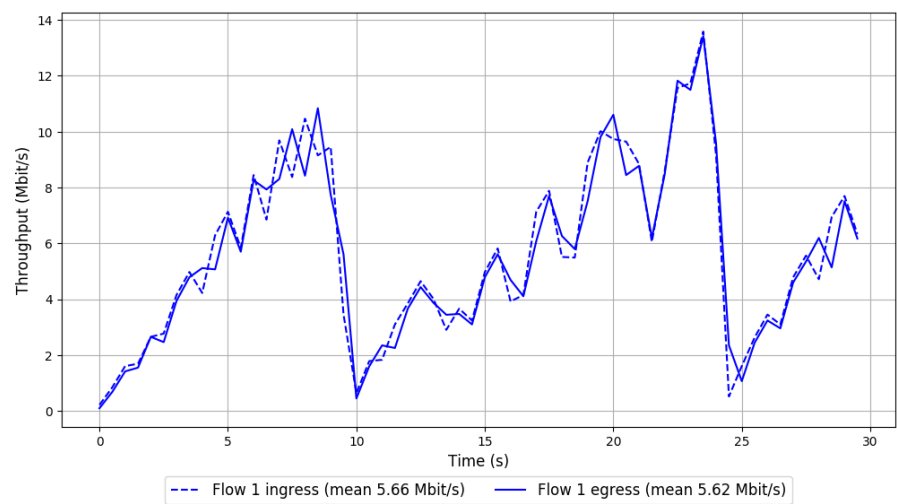


Run 8: Statistics of LEDBAT

Start at: 2017-09-03 07:36:18
End at: 2017-09-03 07:36:48
Local clock offset: 21.688 ms
Remote clock offset: -3.857 ms

Below is generated by plot.py at 2017-09-03 11:38:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.62 Mbit/s
95th percentile per-packet one-way delay: 196.816 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 5.62 Mbit/s
95th percentile per-packet one-way delay: 196.816 ms
Loss rate: 1.06%

Run 8: Report of LEDBAT — Data Link

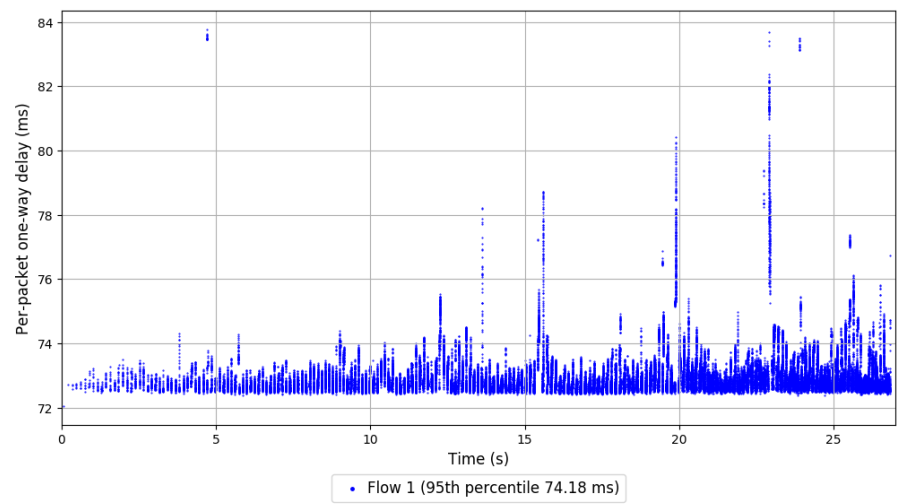
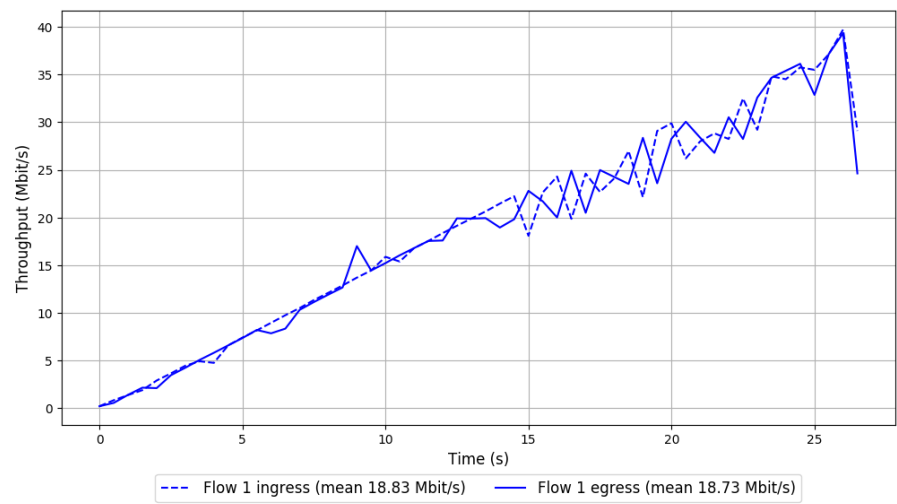


Run 9: Statistics of LEDBAT

Start at: 2017-09-03 07:54:39
End at: 2017-09-03 07:55:09
Local clock offset: 2.029 ms
Remote clock offset: -4.307 ms

Below is generated by plot.py at 2017-09-03 11:38:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 74.180 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 74.180 ms
Loss rate: 0.97%

Run 9: Report of LEDBAT — Data Link

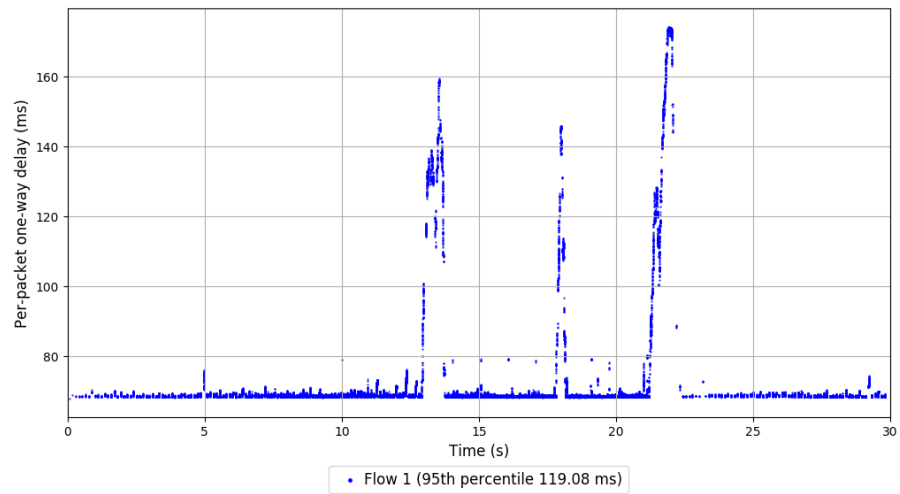
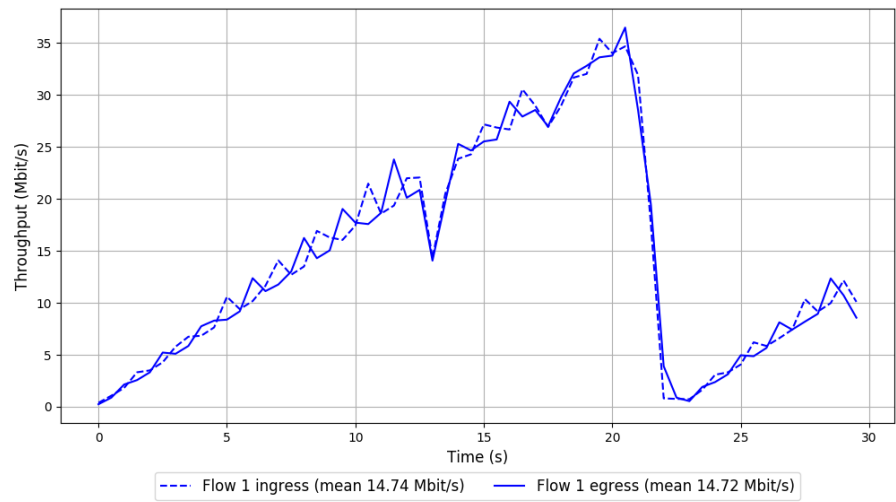


Run 10: Statistics of LEDBAT

Start at: 2017-09-03 08:12:56
End at: 2017-09-03 08:13:26
Local clock offset: -2.102 ms
Remote clock offset: -3.476 ms

Below is generated by plot.py at 2017-09-03 11:38:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 119.082 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 119.082 ms
Loss rate: 0.54%

Run 10: Report of LEDBAT — Data Link

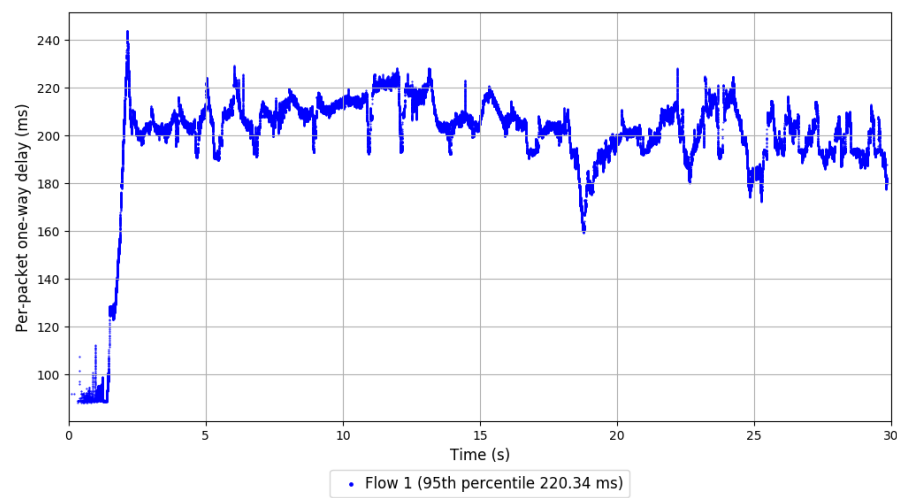
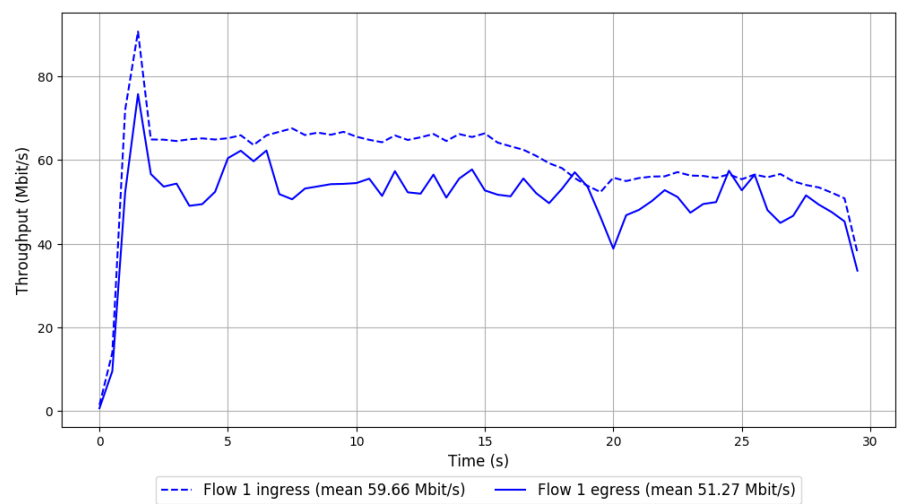


```
Run 1: Statistics of PCC

Start at: 2017-09-03 05:24:05
End at: 2017-09-03 05:24:35
Local clock offset: 17.184 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2017-09-03 11:38:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 220.337 ms
Loss rate: 14.41%
-- Flow 1:
Average throughput: 51.27 Mbit/s
95th percentile per-packet one-way delay: 220.337 ms
Loss rate: 14.41%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-09-03 05:42:09

End at: 2017-09-03 05:42:39

Local clock offset: -4.237 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2017-09-03 11:38:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.60 Mbit/s

95th percentile per-packet one-way delay: 217.195 ms

Loss rate: 13.46%

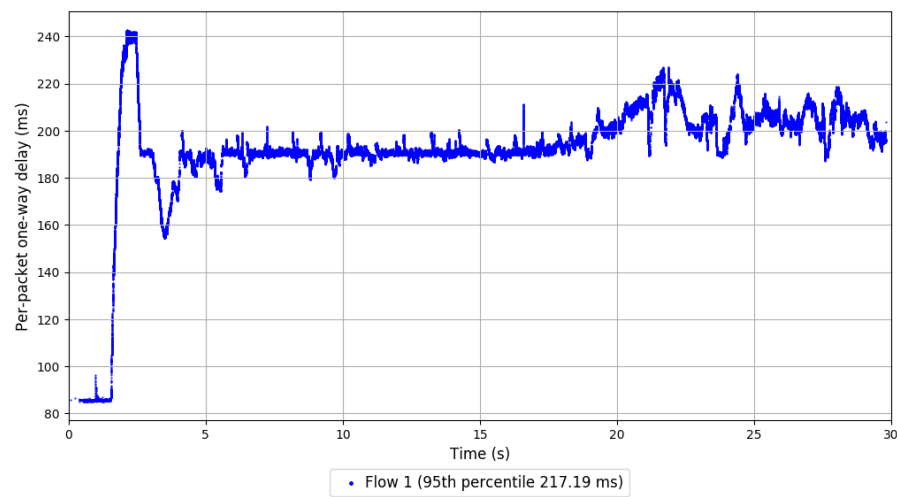
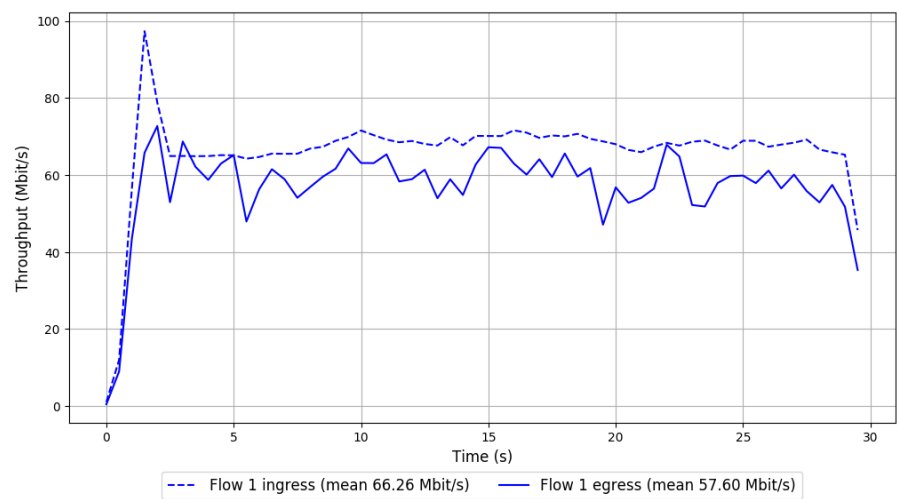
-- Flow 1:

Average throughput: 57.60 Mbit/s

95th percentile per-packet one-way delay: 217.195 ms

Loss rate: 13.46%

Run 2: Report of PCC — Data Link

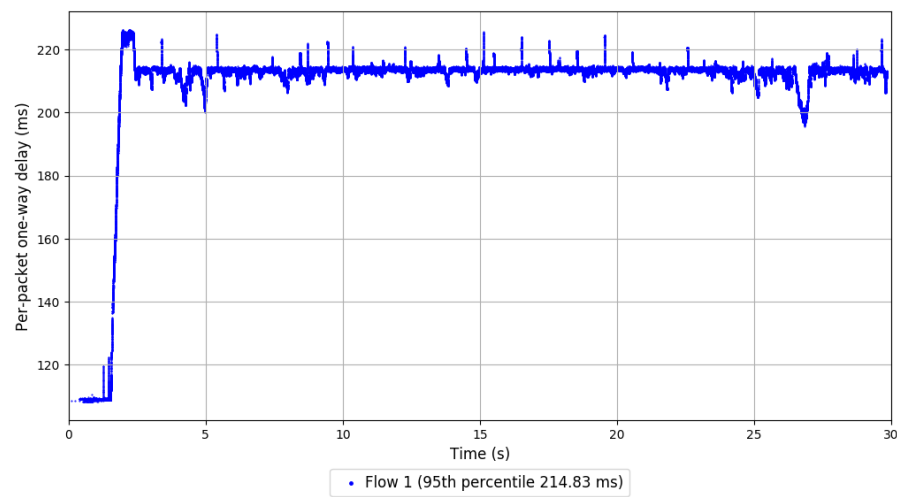
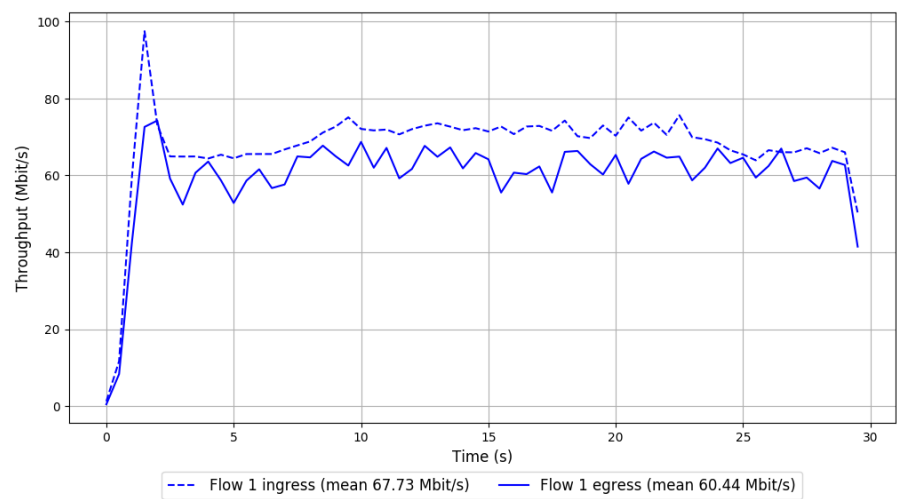


Run 3: Statistics of PCC

Start at: 2017-09-03 06:00:19
End at: 2017-09-03 06:00:49
Local clock offset: 19.472 ms
Remote clock offset: -0.439 ms

Below is generated by plot.py at 2017-09-03 11:38:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.44 Mbit/s
95th percentile per-packet one-way delay: 214.832 ms
Loss rate: 11.16%
-- Flow 1:
Average throughput: 60.44 Mbit/s
95th percentile per-packet one-way delay: 214.832 ms
Loss rate: 11.16%

Run 3: Report of PCC — Data Link

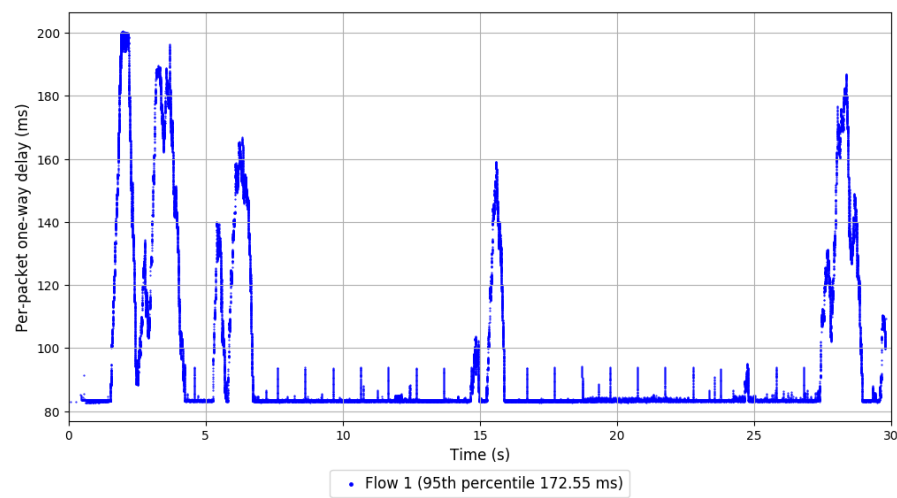
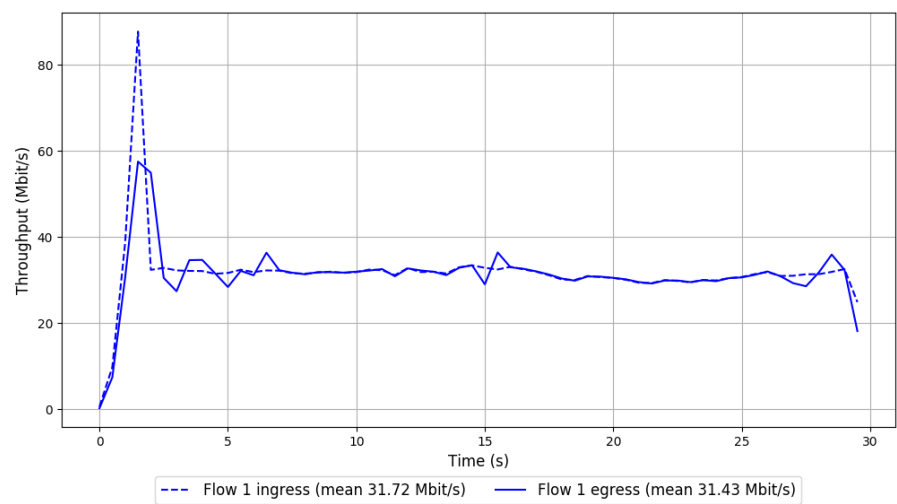


Run 4: Statistics of PCC

Start at: 2017-09-03 06:18:41
End at: 2017-09-03 06:19:11
Local clock offset: -2.152 ms
Remote clock offset: -14.386 ms

Below is generated by plot.py at 2017-09-03 11:38:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 172.549 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 172.549 ms
Loss rate: 1.45%

Run 4: Report of PCC — Data Link

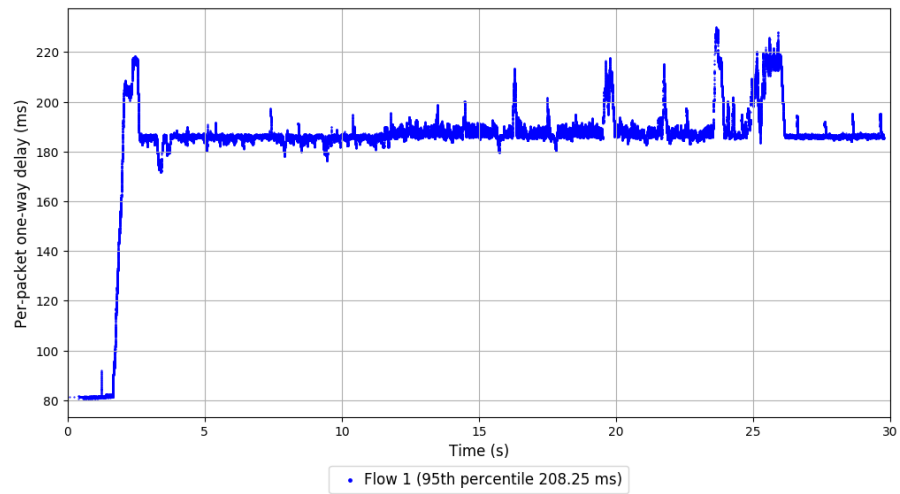
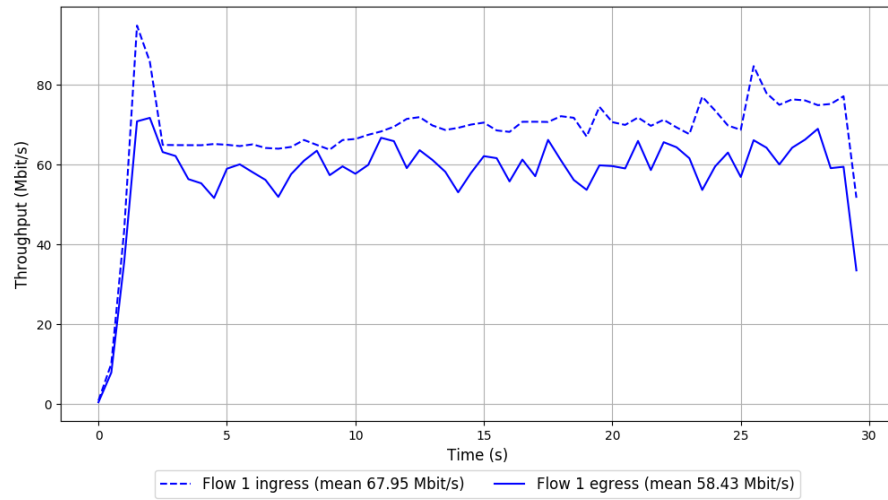


Run 5: Statistics of PCC

Start at: 2017-09-03 06:37:28
End at: 2017-09-03 06:37:58
Local clock offset: -3.795 ms
Remote clock offset: -13.291 ms

Below is generated by plot.py at 2017-09-03 11:38:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.43 Mbit/s
95th percentile per-packet one-way delay: 208.252 ms
Loss rate: 14.48%
-- Flow 1:
Average throughput: 58.43 Mbit/s
95th percentile per-packet one-way delay: 208.252 ms
Loss rate: 14.48%

Run 5: Report of PCC — Data Link

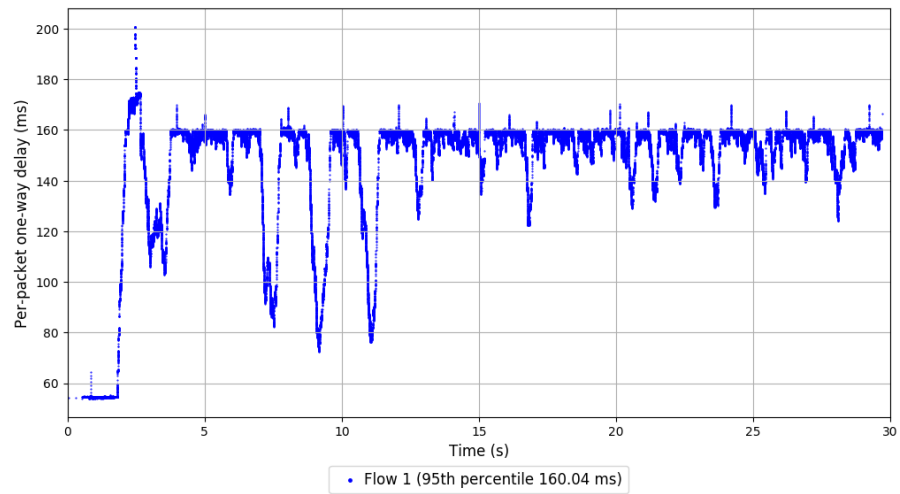
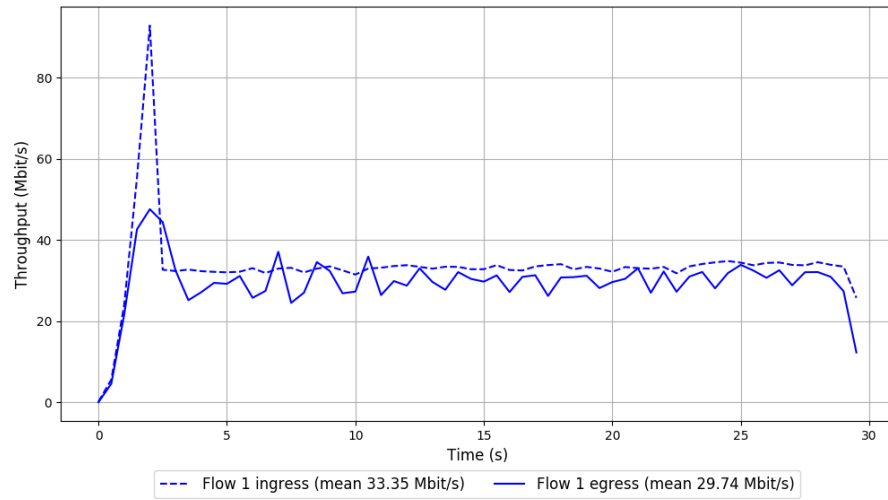


Run 6: Statistics of PCC

Start at: 2017-09-03 06:56:22
End at: 2017-09-03 06:56:52
Local clock offset: -4.018 ms
Remote clock offset: 30.209 ms

Below is generated by plot.py at 2017-09-03 11:38:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.74 Mbit/s
95th percentile per-packet one-way delay: 160.038 ms
Loss rate: 11.52%
-- Flow 1:
Average throughput: 29.74 Mbit/s
95th percentile per-packet one-way delay: 160.038 ms
Loss rate: 11.52%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-09-03 07:15:08

End at: 2017-09-03 07:15:38

Local clock offset: -3.556 ms

Remote clock offset: 28.87 ms

Below is generated by plot.py at 2017-09-03 11:38:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.24 Mbit/s

95th percentile per-packet one-way delay: 159.705 ms

Loss rate: 6.99%

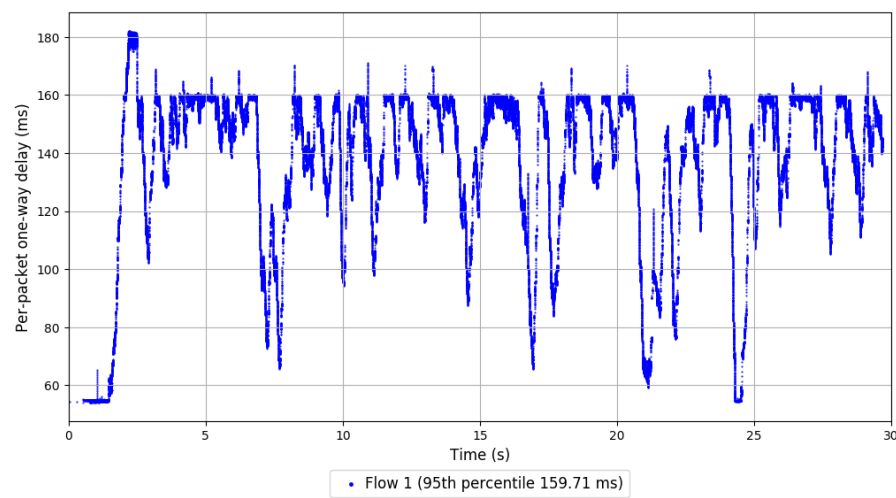
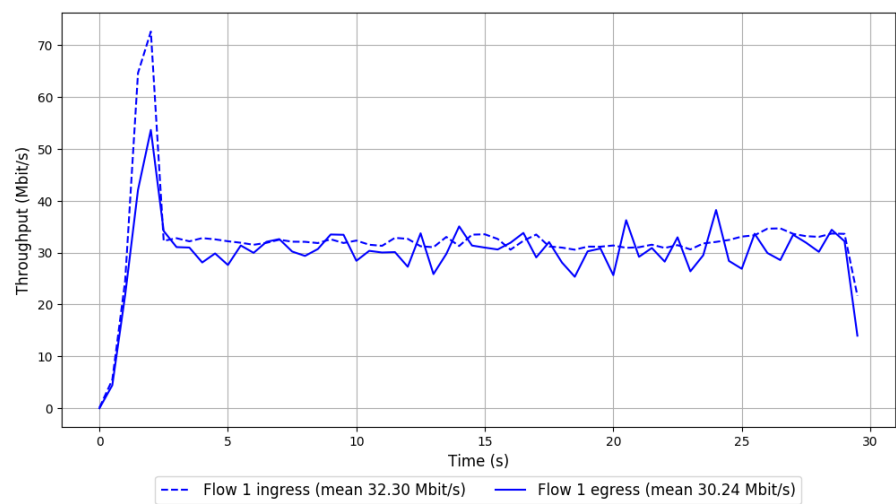
-- Flow 1:

Average throughput: 30.24 Mbit/s

95th percentile per-packet one-way delay: 159.705 ms

Loss rate: 6.99%

Run 7: Report of PCC — Data Link

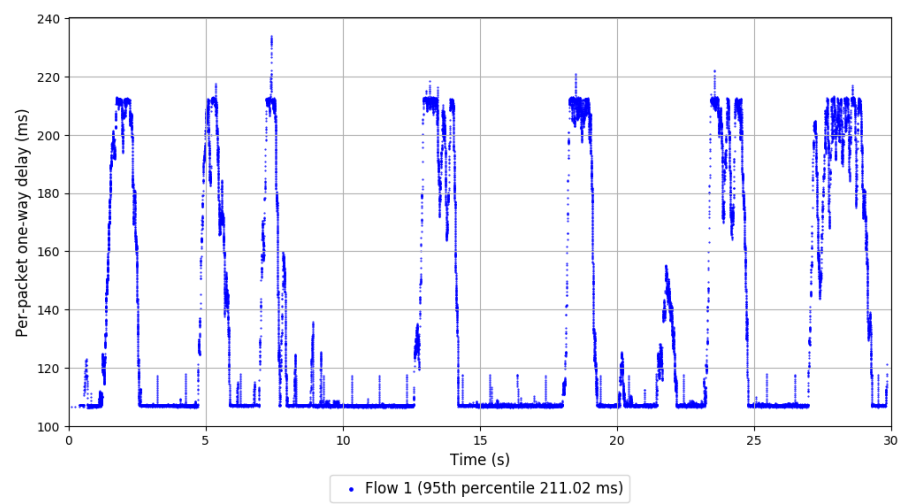
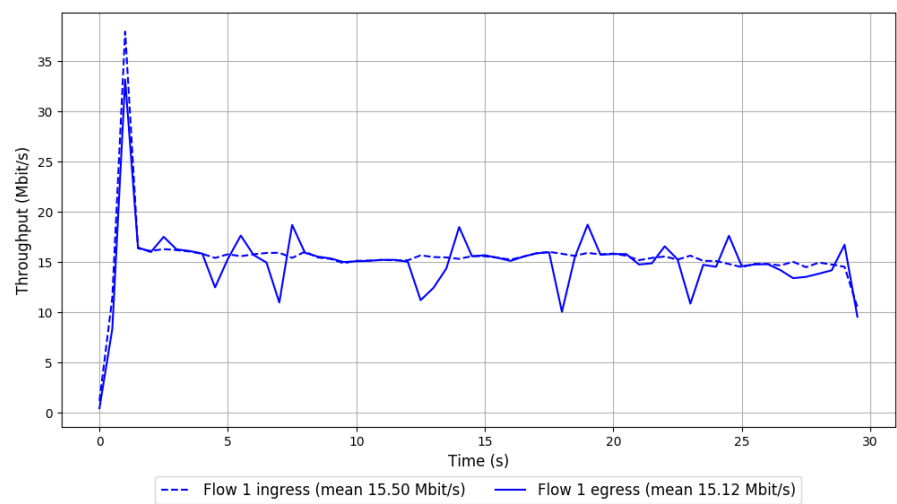


Run 8: Statistics of PCC

Start at: 2017-09-03 07:33:44
End at: 2017-09-03 07:34:14
Local clock offset: 19.153 ms
Remote clock offset: -3.714 ms

Below is generated by plot.py at 2017-09-03 11:38:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 211.016 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 15.12 Mbit/s
95th percentile per-packet one-way delay: 211.016 ms
Loss rate: 2.83%

Run 8: Report of PCC — Data Link

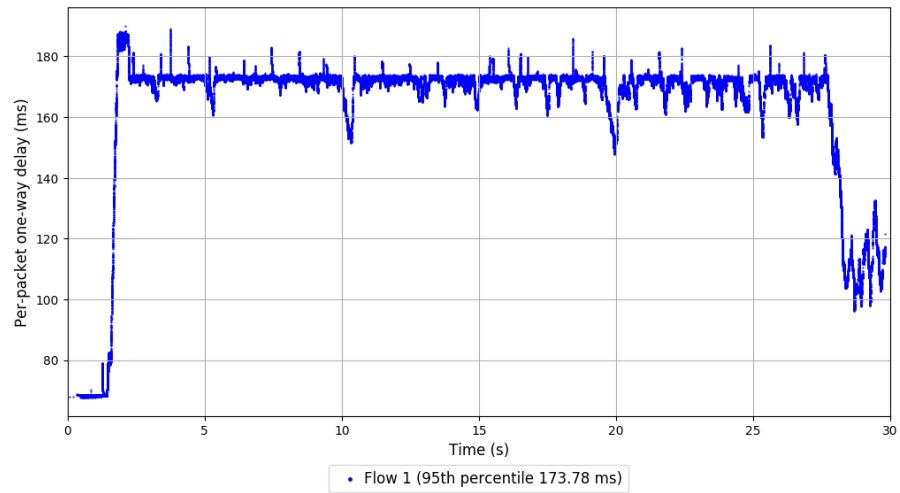
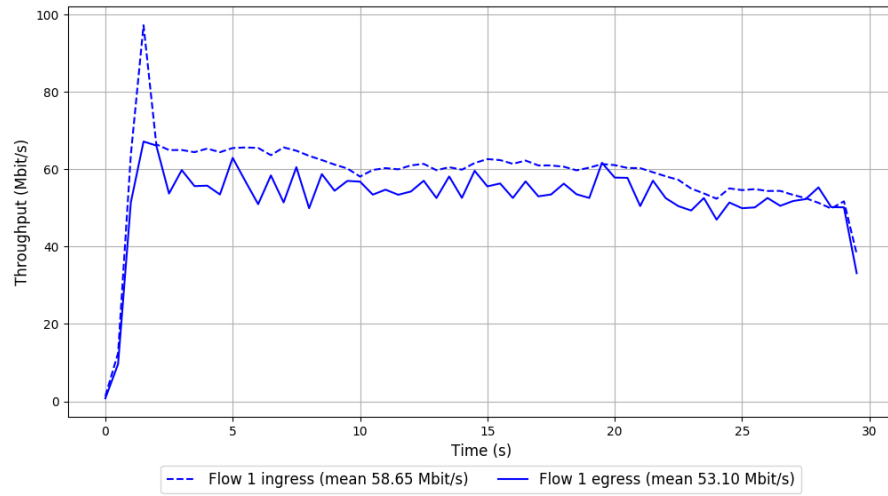


Run 9: Statistics of PCC

Start at: 2017-09-03 07:52:11
End at: 2017-09-03 07:52:41
Local clock offset: -2.247 ms
Remote clock offset: -4.565 ms

Below is generated by plot.py at 2017-09-03 11:38:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 173.776 ms
Loss rate: 9.82%
-- Flow 1:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 173.776 ms
Loss rate: 9.82%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-09-03 08:10:22

End at: 2017-09-03 08:10:52

Local clock offset: -0.777 ms

Remote clock offset: -4.02 ms

Below is generated by plot.py at 2017-09-03 11:38:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.23 Mbit/s

95th percentile per-packet one-way delay: 176.149 ms

Loss rate: 14.16%

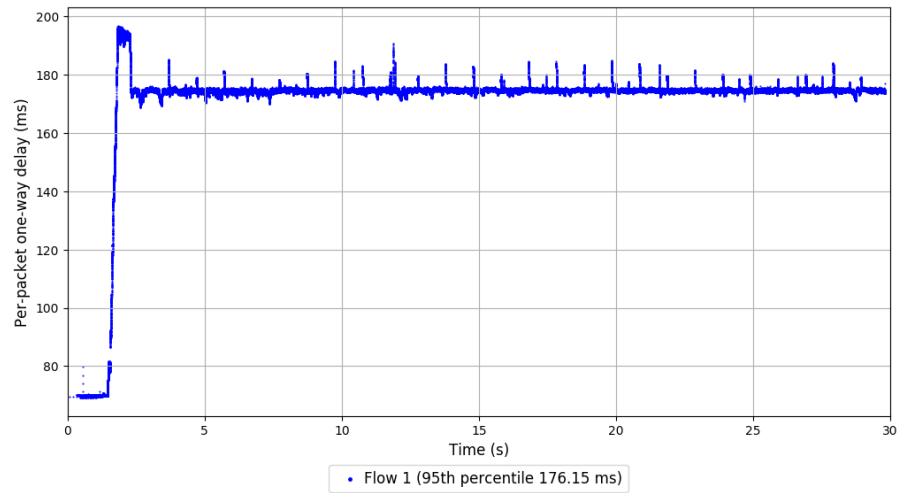
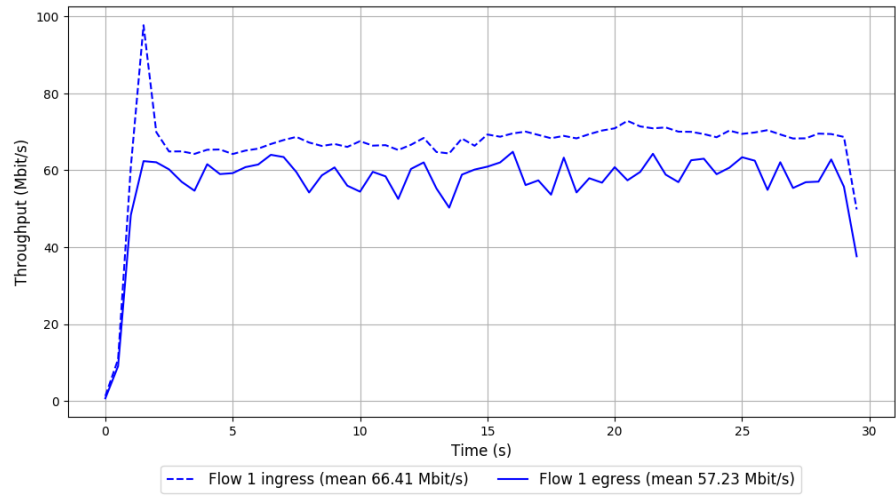
-- Flow 1:

Average throughput: 57.23 Mbit/s

95th percentile per-packet one-way delay: 176.149 ms

Loss rate: 14.16%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-03 05:30:07

End at: 2017-09-03 05:30:37

Local clock offset: -2.559 ms

Remote clock offset: 0.178 ms

Below is generated by plot.py at 2017-09-03 11:38:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.95 Mbit/s

95th percentile per-packet one-way delay: 191.301 ms

Loss rate: 2.29%

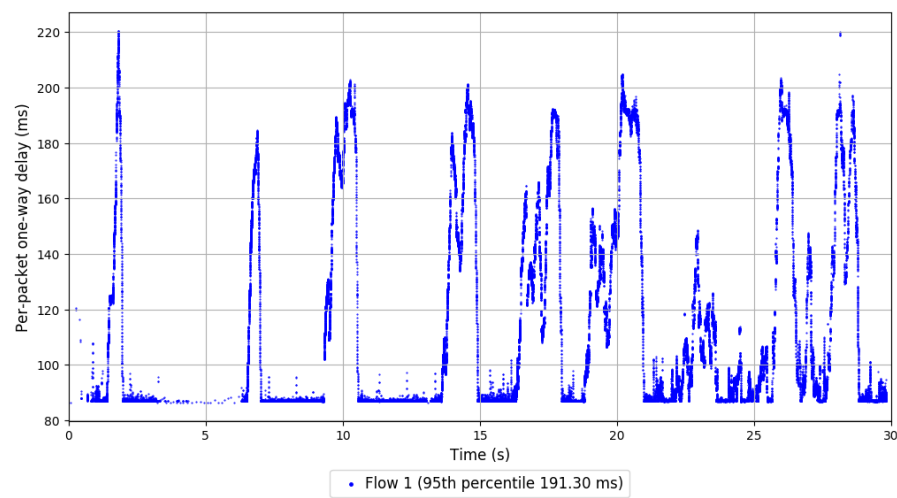
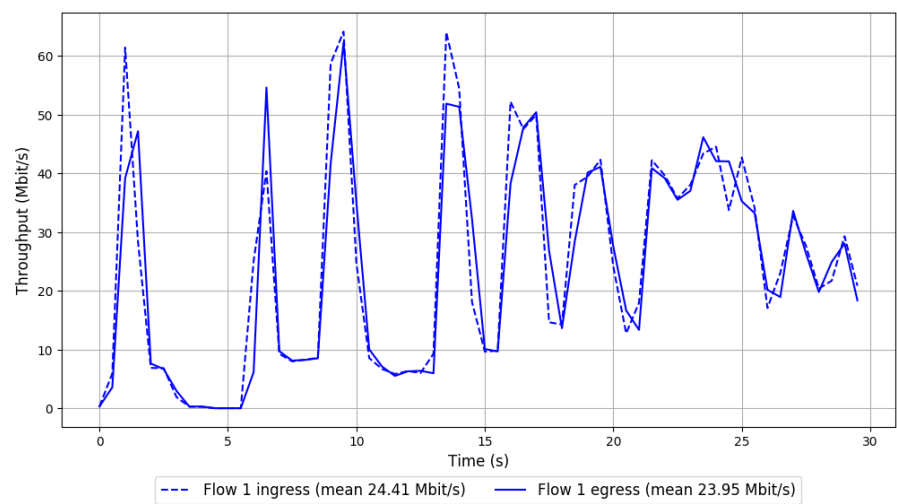
-- Flow 1:

Average throughput: 23.95 Mbit/s

95th percentile per-packet one-way delay: 191.301 ms

Loss rate: 2.29%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-03 05:48:18

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

Local clock offset: -4.36 ms

Remote clock offset: 0.125 ms

Below is generated by plot.py at 2017-09-03 11:38:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.86 Mbit/s

95th percentile per-packet one-way delay: 174.236 ms

Loss rate: 3.11%

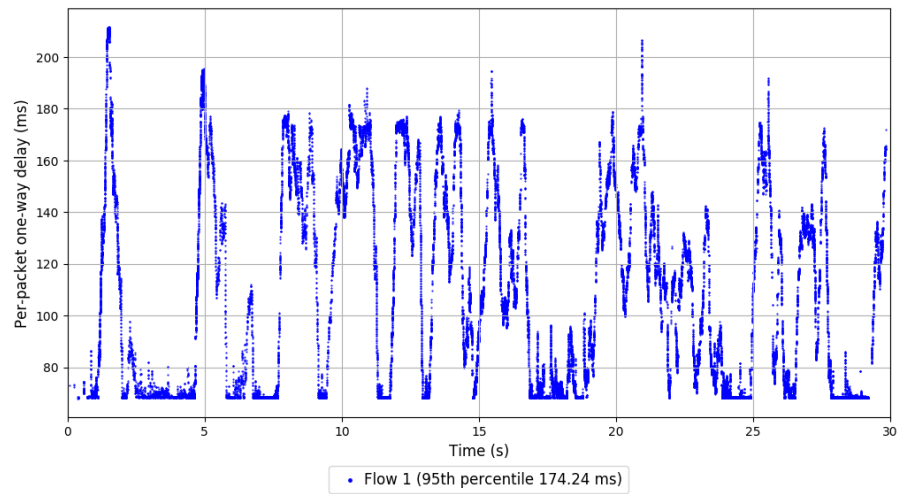
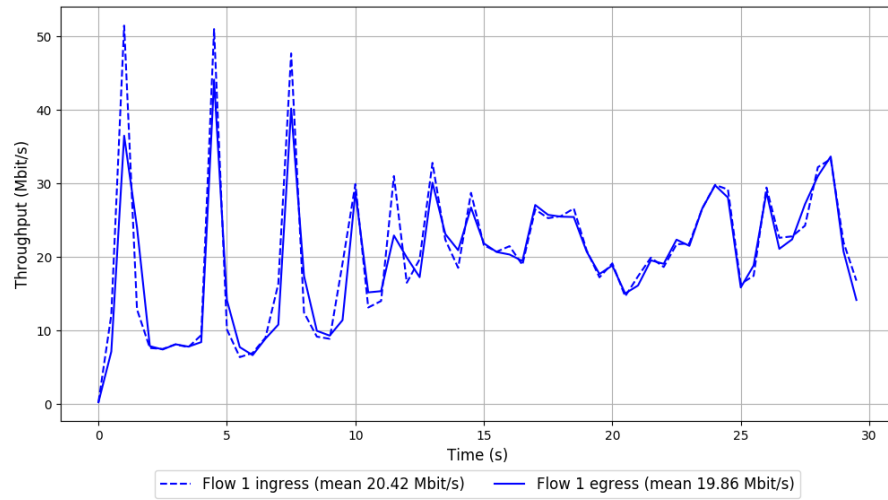
-- Flow 1:

Average throughput: 19.86 Mbit/s

95th percentile per-packet one-way delay: 174.236 ms

Loss rate: 3.11%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

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

End at: 2017-09-03 06:06:53

Local clock offset: -3.765 ms

Remote clock offset: -0.293 ms

Below is generated by plot.py at 2017-09-03 11:38:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.42 Mbit/s

95th percentile per-packet one-way delay: 184.727 ms

Loss rate: 1.52%

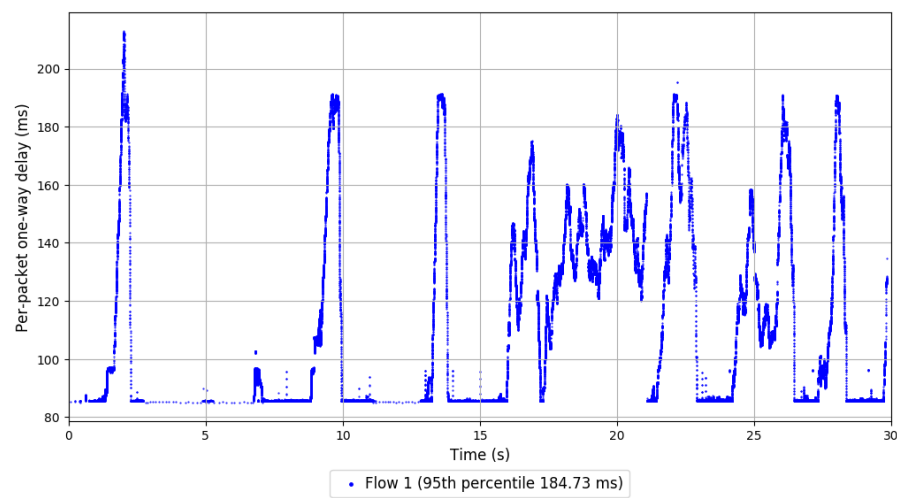
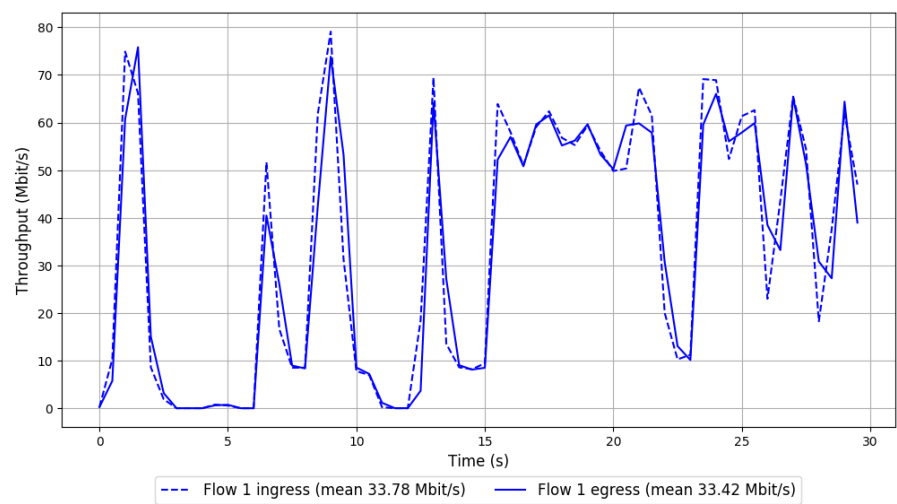
-- Flow 1:

Average throughput: 33.42 Mbit/s

95th percentile per-packet one-way delay: 184.727 ms

Loss rate: 1.52%

Run 3: Report of QUIC Cubic — Data Link

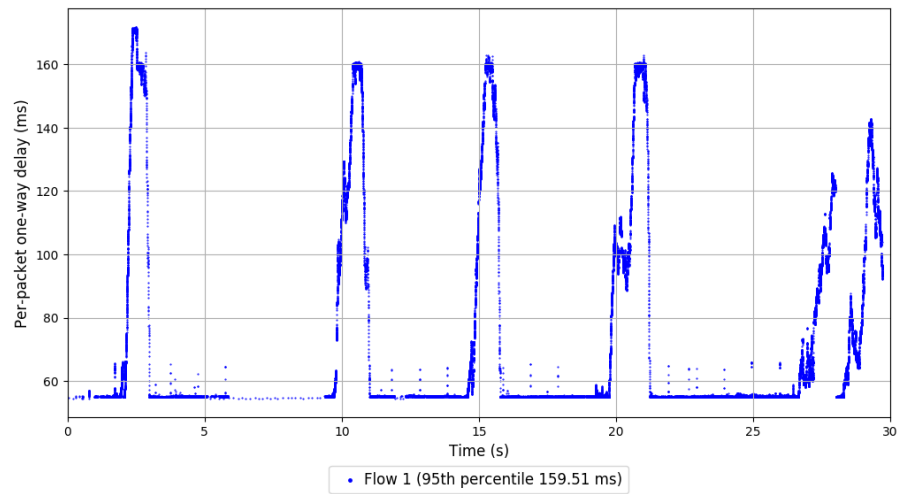
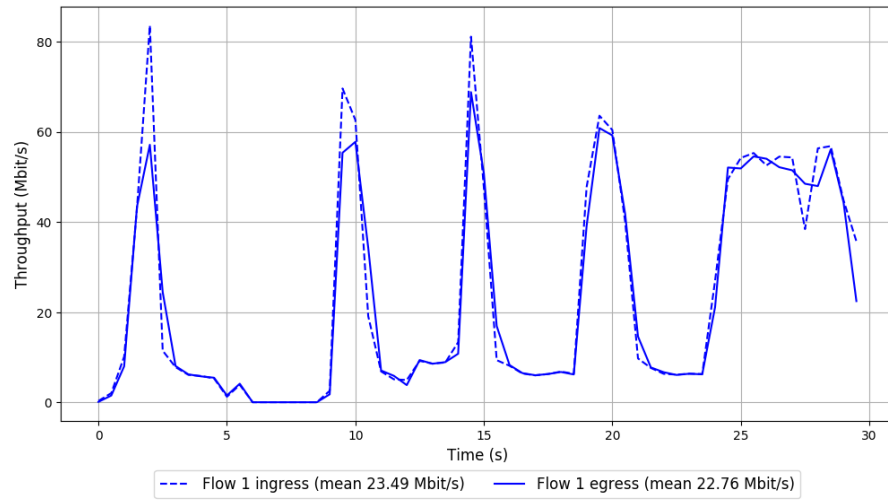


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-03 06:24:57
End at: 2017-09-03 06:25:27
Local clock offset: -3.489 ms
Remote clock offset: 30.364 ms

Below is generated by plot.py at 2017-09-03 11:38:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.76 Mbit/s
95th percentile per-packet one-way delay: 159.510 ms
Loss rate: 3.73%
-- Flow 1:
Average throughput: 22.76 Mbit/s
95th percentile per-packet one-way delay: 159.510 ms
Loss rate: 3.73%

Run 4: Report of QUIC Cubic — Data Link

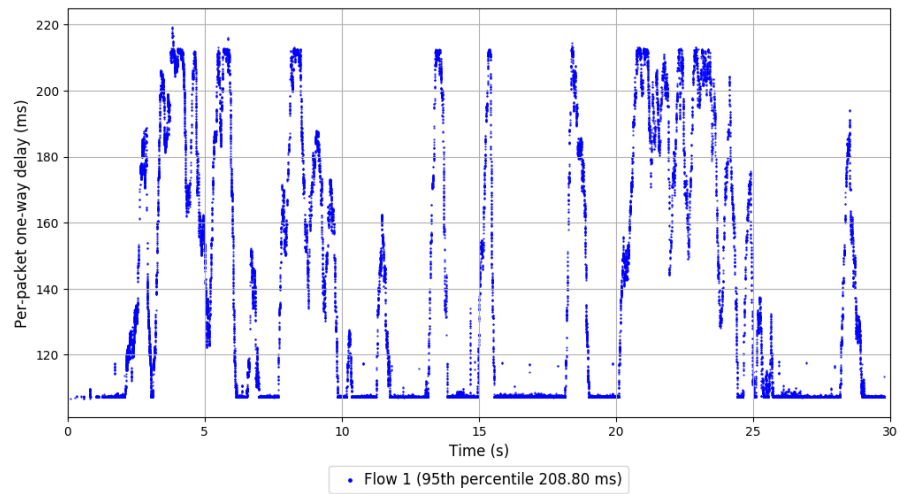
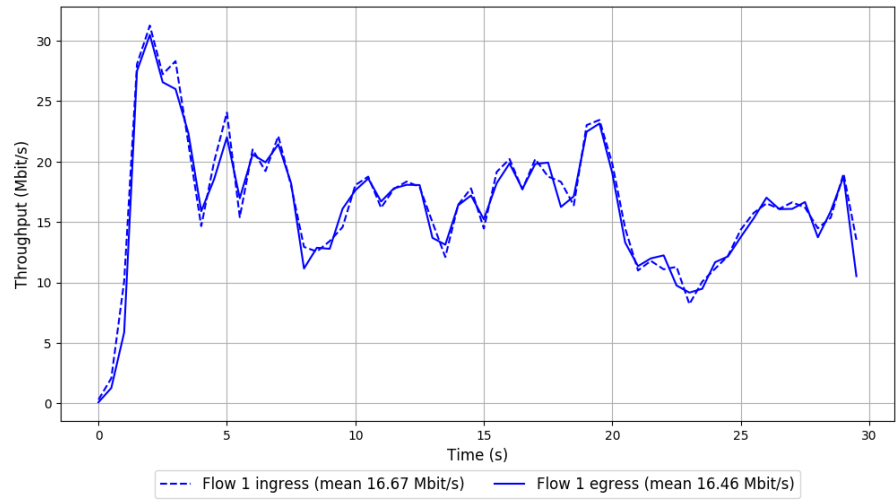


Run 5: Statistics of QUIC Cubic

Start at: 2017-09-03 06:43:45
End at: 2017-09-03 06:44:15
Local clock offset: -3.869 ms
Remote clock offset: -39.581 ms

Below is generated by plot.py at 2017-09-03 11:38:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.46 Mbit/s
95th percentile per-packet one-way delay: 208.801 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 16.46 Mbit/s
95th percentile per-packet one-way delay: 208.801 ms
Loss rate: 1.82%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-03 07:02:39

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

Local clock offset: -3.804 ms

Remote clock offset: 30.164 ms

Below is generated by plot.py at 2017-09-03 11:38:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.53 Mbit/s

95th percentile per-packet one-way delay: 127.374 ms

Loss rate: 1.48%

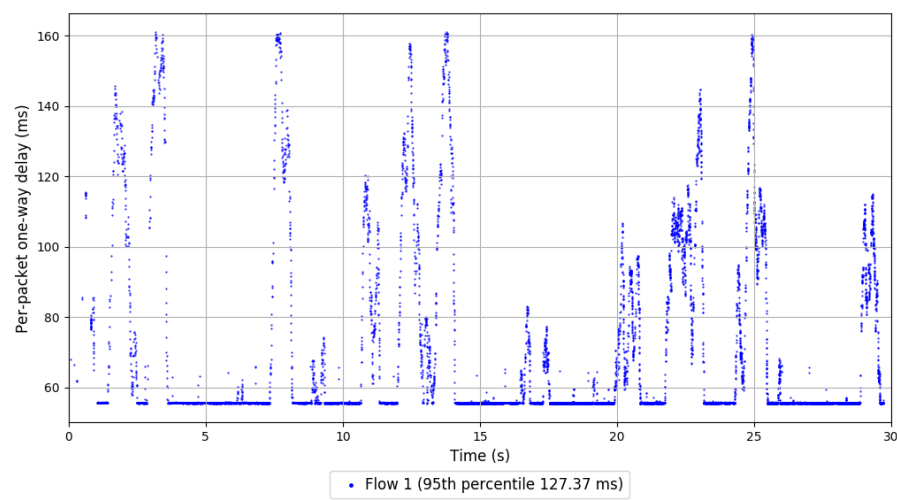
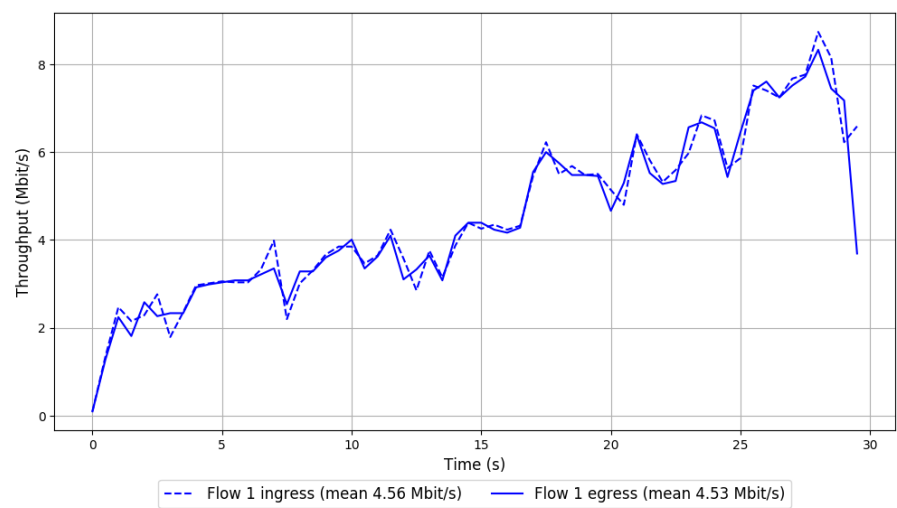
-- Flow 1:

Average throughput: 4.53 Mbit/s

95th percentile per-packet one-way delay: 127.374 ms

Loss rate: 1.48%

Run 6: Report of QUIC Cubic — Data Link

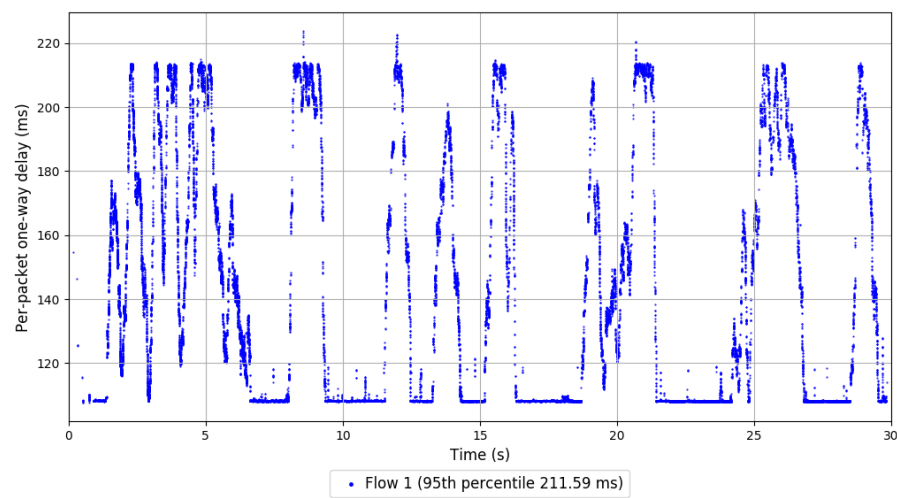
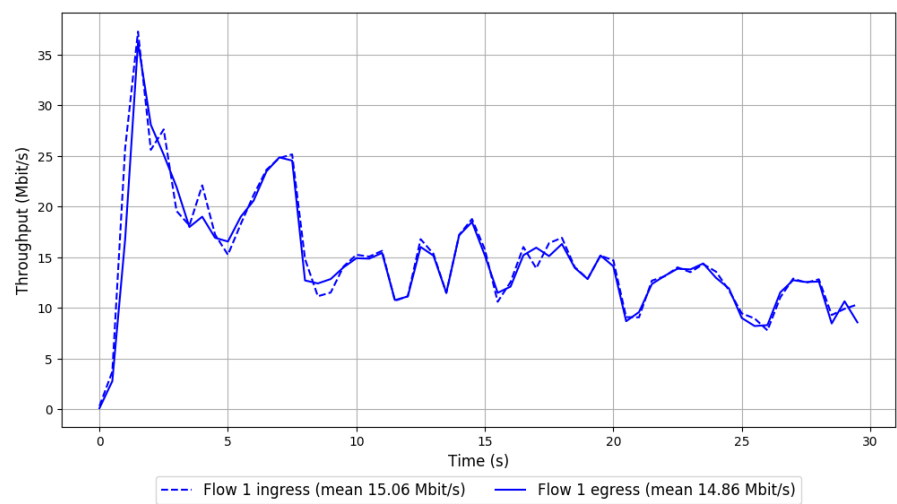


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-03 07:21:09
End at: 2017-09-03 07:21:39
Local clock offset: 19.169 ms
Remote clock offset: -3.285 ms

Below is generated by plot.py at 2017-09-03 11:38:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 211.585 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 14.86 Mbit/s
95th percentile per-packet one-way delay: 211.585 ms
Loss rate: 1.95%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-03 07:40:00

End at: 2017-09-03 07:40:30

Local clock offset: -2.659 ms

Remote clock offset: -3.88 ms

Below is generated by plot.py at 2017-09-03 11:39:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.98 Mbit/s

95th percentile per-packet one-way delay: 186.747 ms

Loss rate: 0.95%

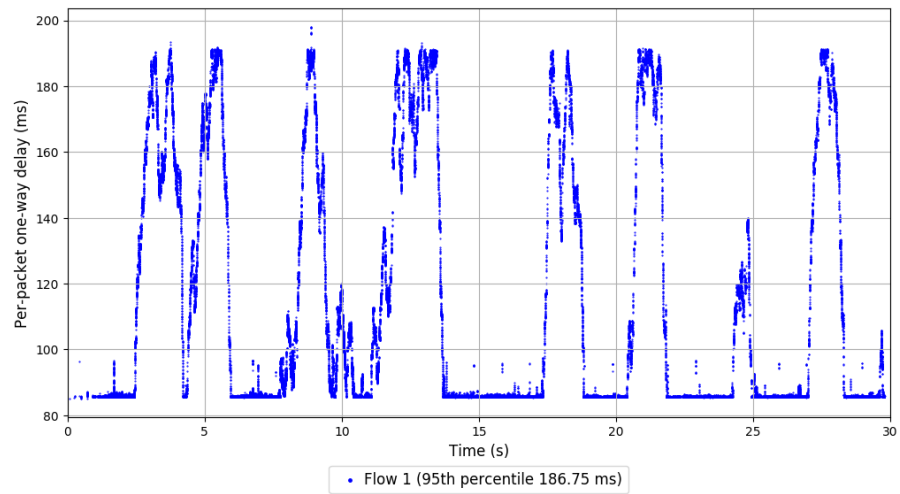
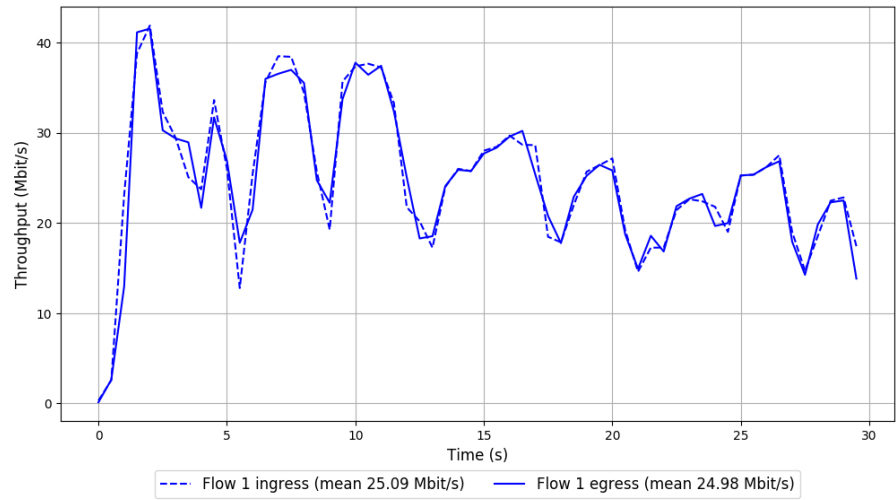
-- Flow 1:

Average throughput: 24.98 Mbit/s

95th percentile per-packet one-way delay: 186.747 ms

Loss rate: 0.95%

Run 8: Report of QUIC Cubic — Data Link

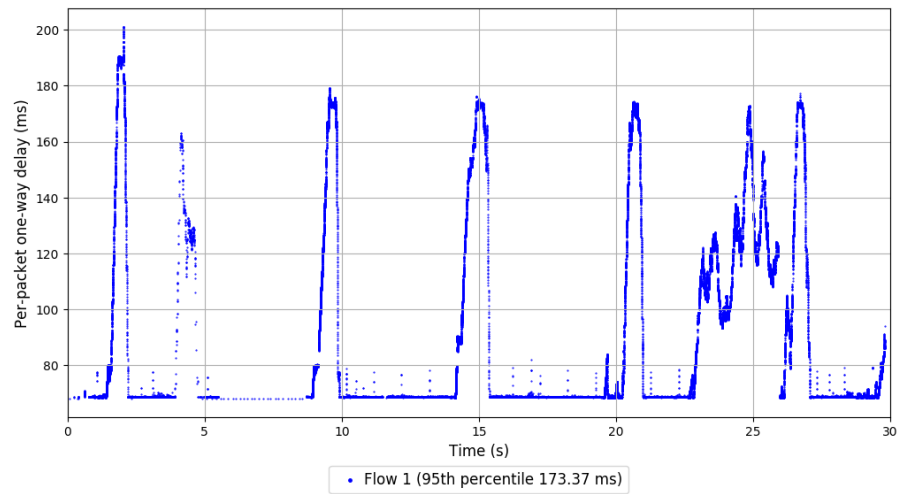
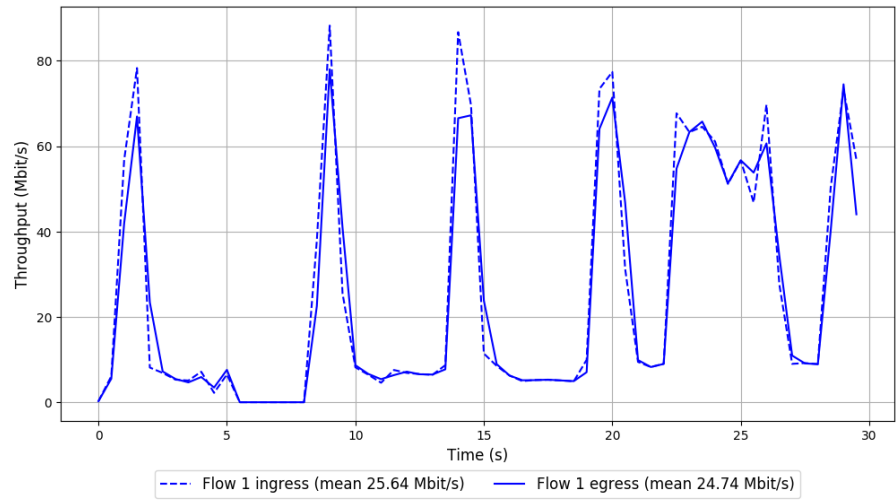


Run 9: Statistics of QUIC Cubic

Start at: 2017-09-03 07:58:17
End at: 2017-09-03 07:58:47
Local clock offset: -2.256 ms
Remote clock offset: -4.327 ms

Below is generated by plot.py at 2017-09-03 11:39:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 173.369 ms
Loss rate: 3.99%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 173.369 ms
Loss rate: 3.99%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-03 08:16:31

End at: 2017-09-03 08:17:01

Local clock offset: -0.776 ms

Remote clock offset: -3.155 ms

Below is generated by plot.py at 2017-09-03 11:39:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.30 Mbit/s

95th percentile per-packet one-way delay: 174.344 ms

Loss rate: 2.47%

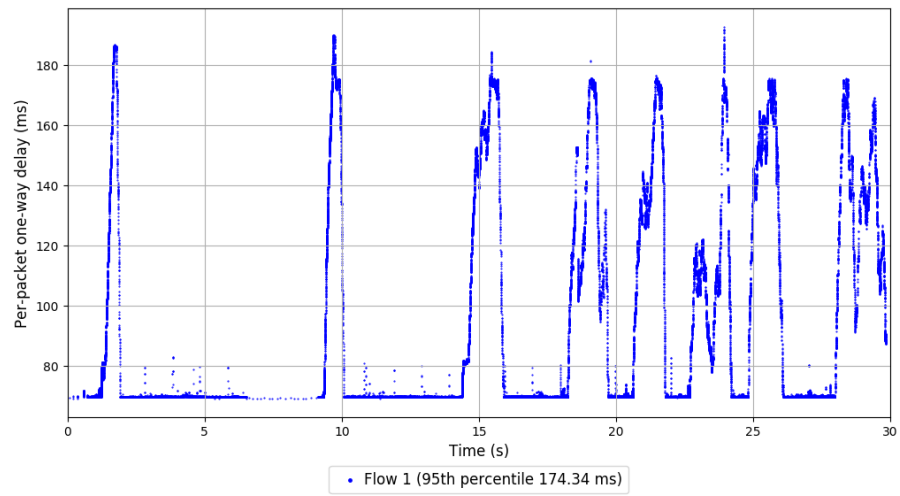
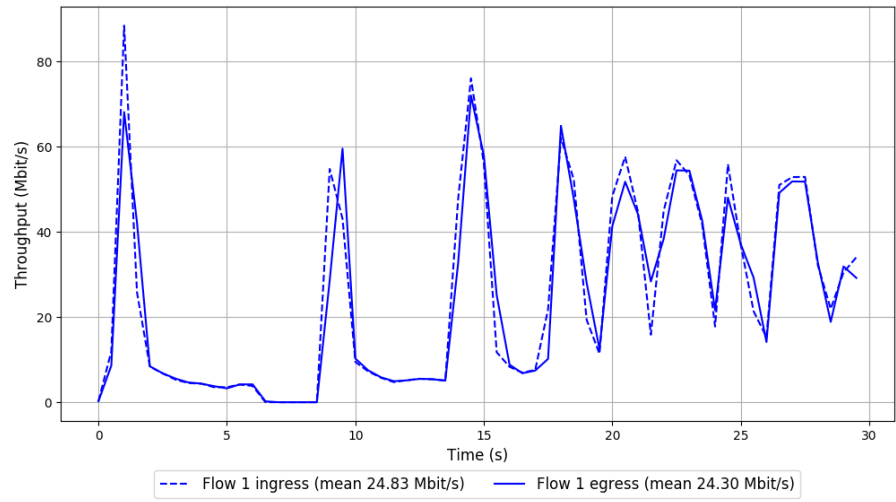
-- Flow 1:

Average throughput: 24.30 Mbit/s

95th percentile per-packet one-way delay: 174.344 ms

Loss rate: 2.47%

Run 10: Report of QUIC Cubic — Data Link

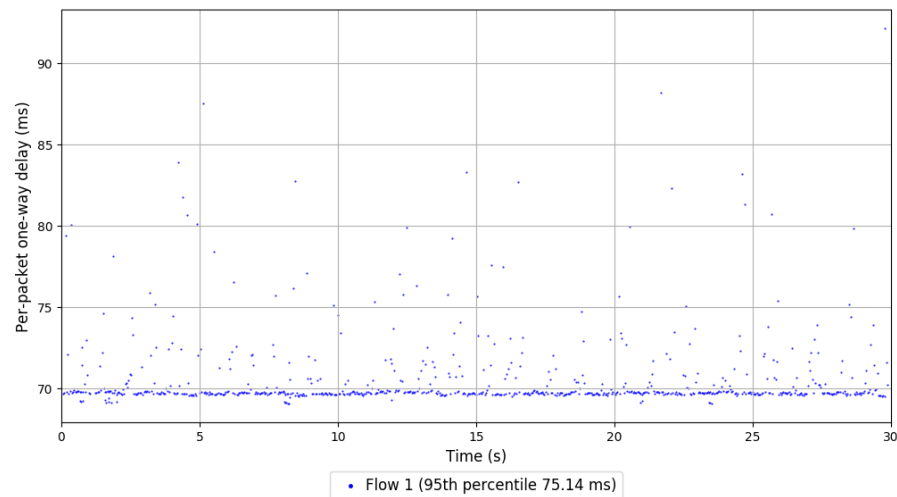
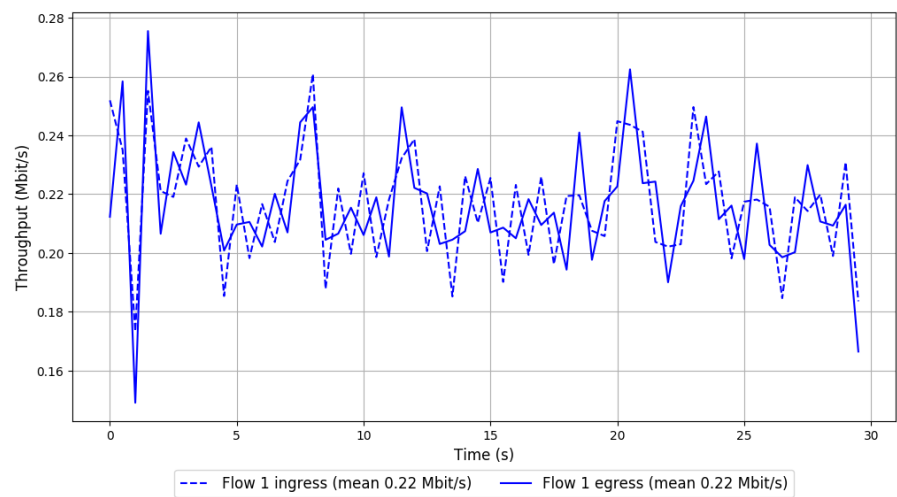


Run 1: Statistics of SCReAM

Start at: 2017-09-03 05:19:14
End at: 2017-09-03 05:19:44
Local clock offset: -2.436 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2017-09-03 11:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.143 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.143 ms
Loss rate: 0.38%

Run 1: Report of SReAM — Data Link

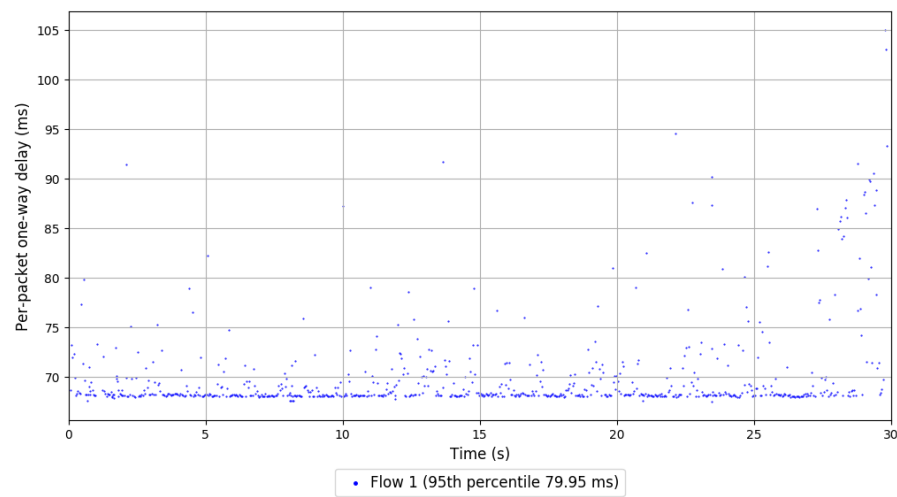
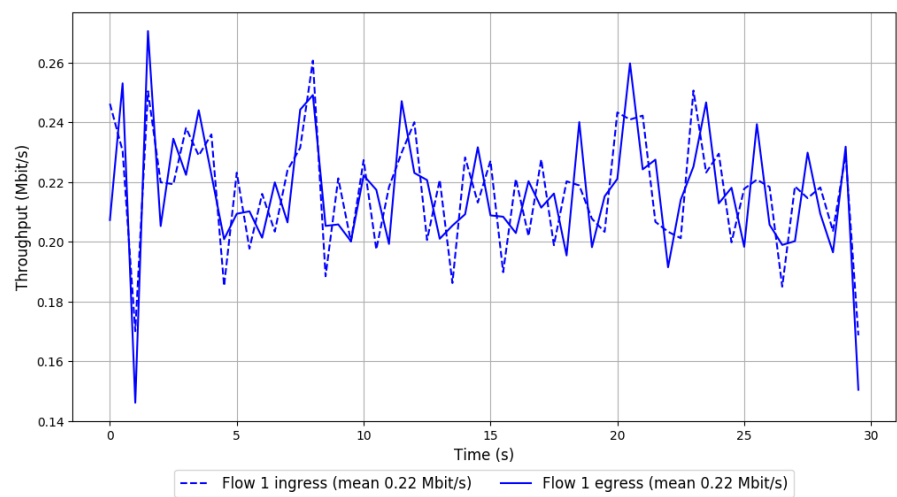


Run 2: Statistics of SCReAM

Start at: 2017-09-03 05:37:21
End at: 2017-09-03 05:37:51
Local clock offset: -4.282 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2017-09-03 11:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.950 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.950 ms
Loss rate: 0.39%

Run 2: Report of SReAM — Data Link

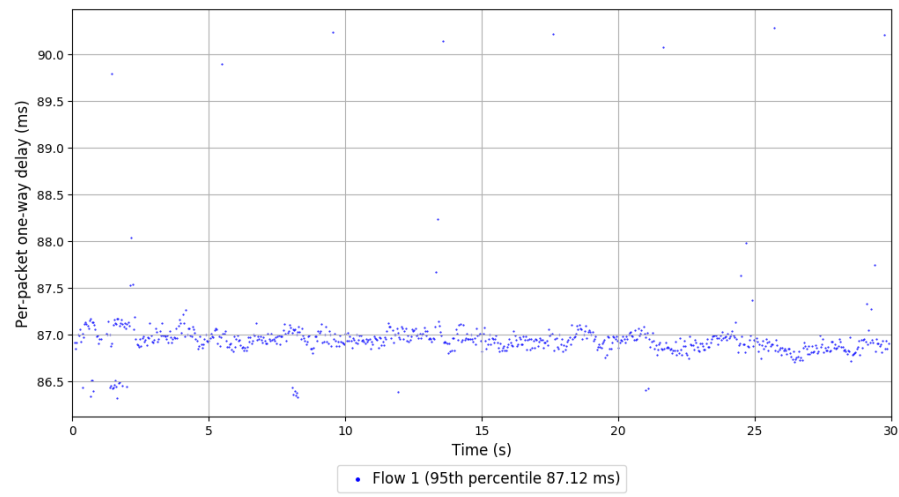
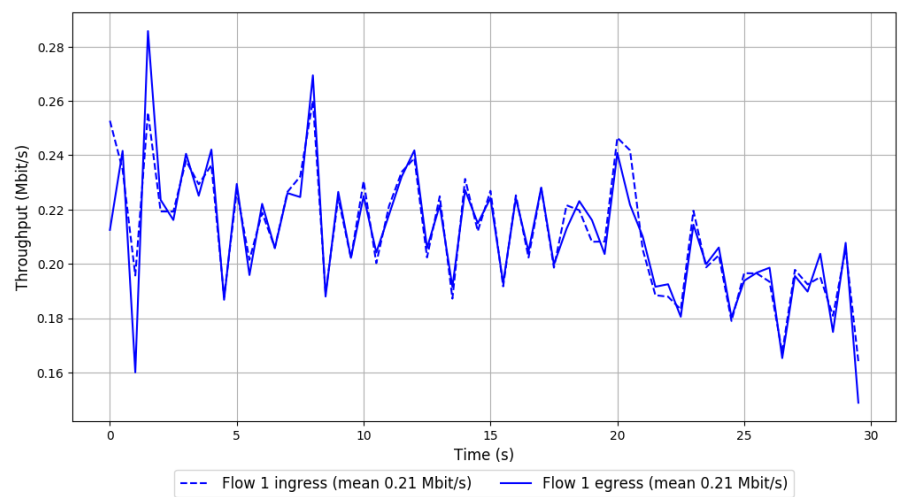


Run 3: Statistics of SCReAM

Start at: 2017-09-03 05:55:32
End at: 2017-09-03 05:56:02
Local clock offset: -2.768 ms
Remote clock offset: -0.308 ms

Below is generated by plot.py at 2017-09-03 11:39:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 87.125 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 87.125 ms
Loss rate: 0.50%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-09-03 06:13:45

End at: 2017-09-03 06:14:15

Local clock offset: -2.256 ms

Remote clock offset: 0.01 ms

Below is generated by plot.py at 2017-09-03 11:39:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 87.094 ms

Loss rate: 0.52%

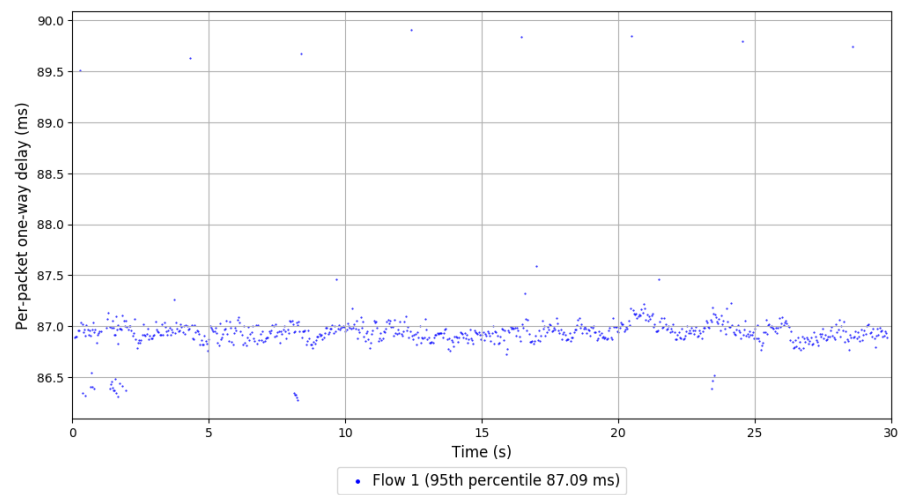
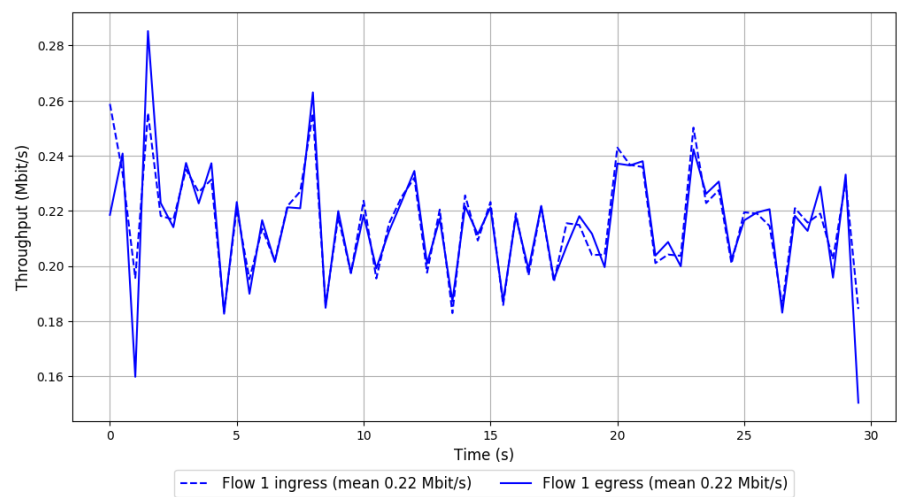
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 87.094 ms

Loss rate: 0.52%

Run 4: Report of SReAM — Data Link

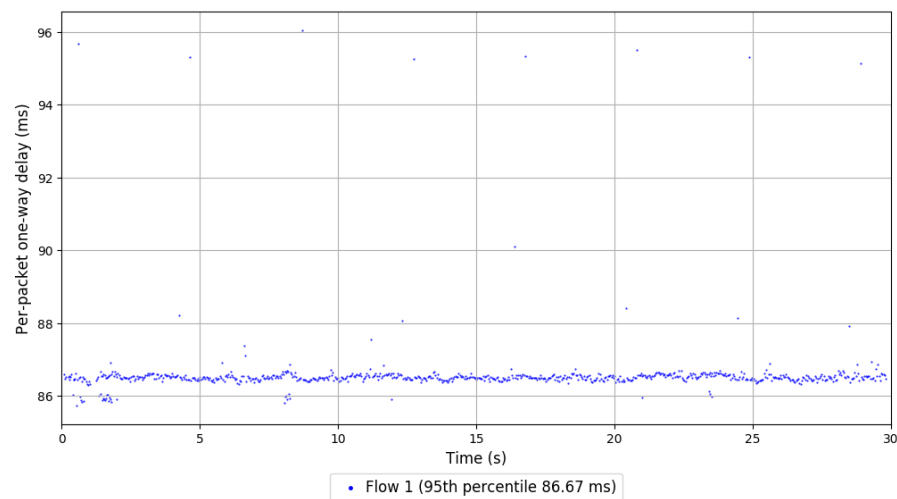
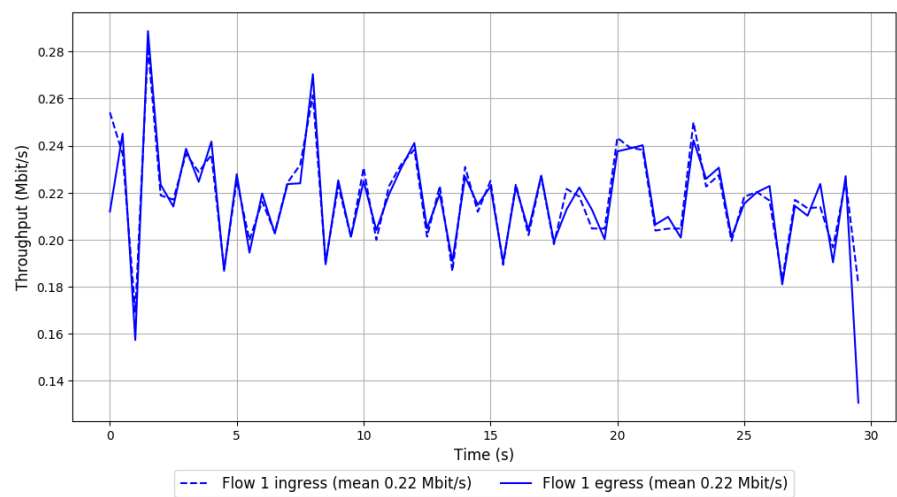


Run 5: Statistics of SCReAM

Start at: 2017-09-03 06:32:32
End at: 2017-09-03 06:33:02
Local clock offset: -2.169 ms
Remote clock offset: -16.511 ms

Below is generated by plot.py at 2017-09-03 11:39:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.675 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.675 ms
Loss rate: 0.63%

Run 5: Report of SReAM — Data Link

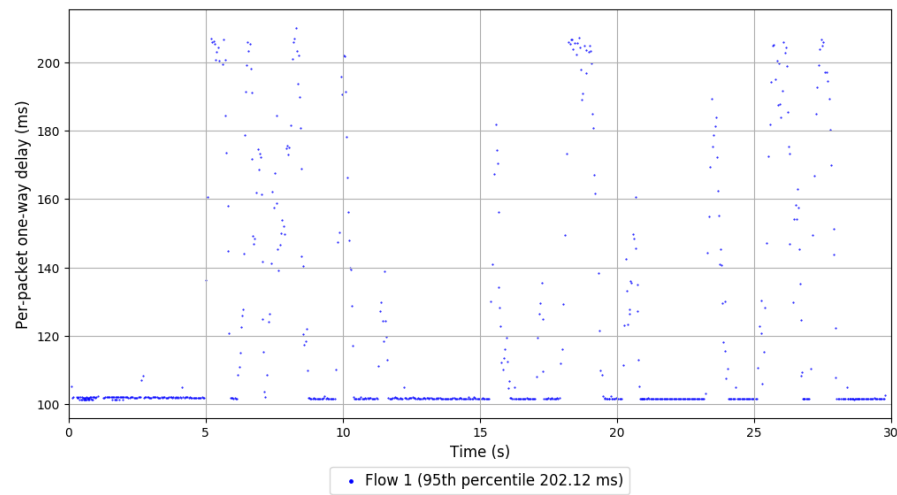
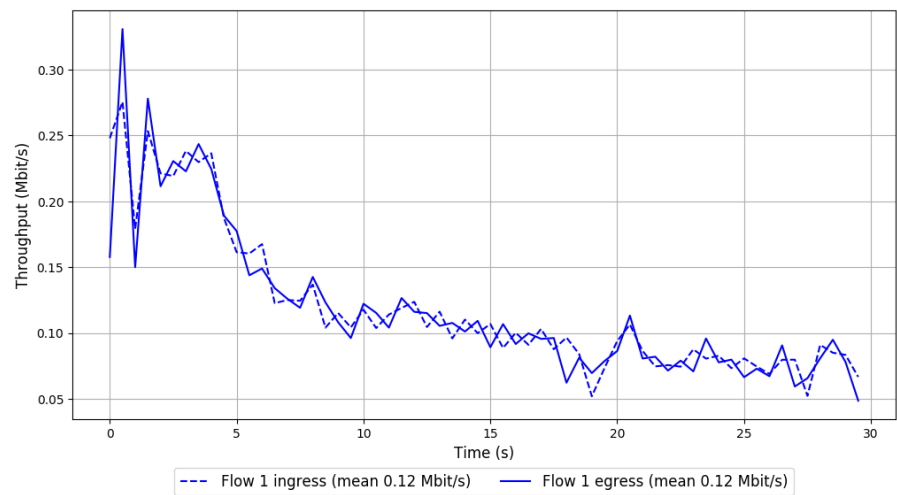


Run 6: Statistics of SCReAM

Start at: 2017-09-03 06:51:18
End at: 2017-09-03 06:51:48
Local clock offset: -2.466 ms
Remote clock offset: -32.474 ms

Below is generated by plot.py at 2017-09-03 11:39:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 202.125 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 202.125 ms
Loss rate: 1.15%

Run 6: Report of SReAM — Data Link

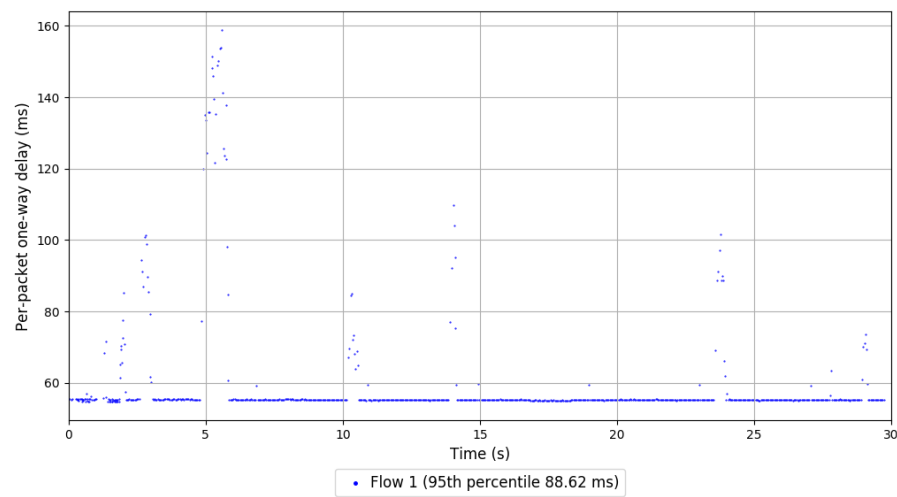
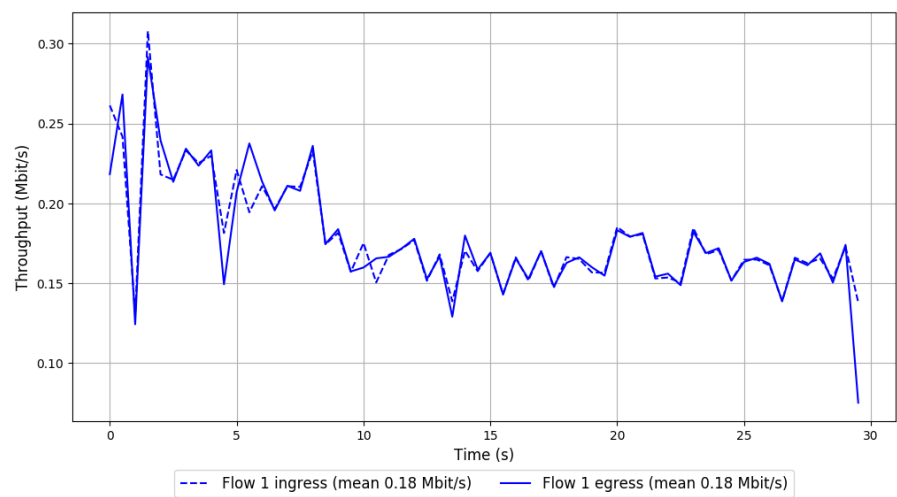


Run 7: Statistics of SCReAM

Start at: 2017-09-03 07:10:10
End at: 2017-09-03 07:10:40
Local clock offset: -3.546 ms
Remote clock offset: 30.221 ms

Below is generated by plot.py at 2017-09-03 11:39:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 88.622 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 88.622 ms
Loss rate: 0.70%

Run 7: Report of SReAM — Data Link

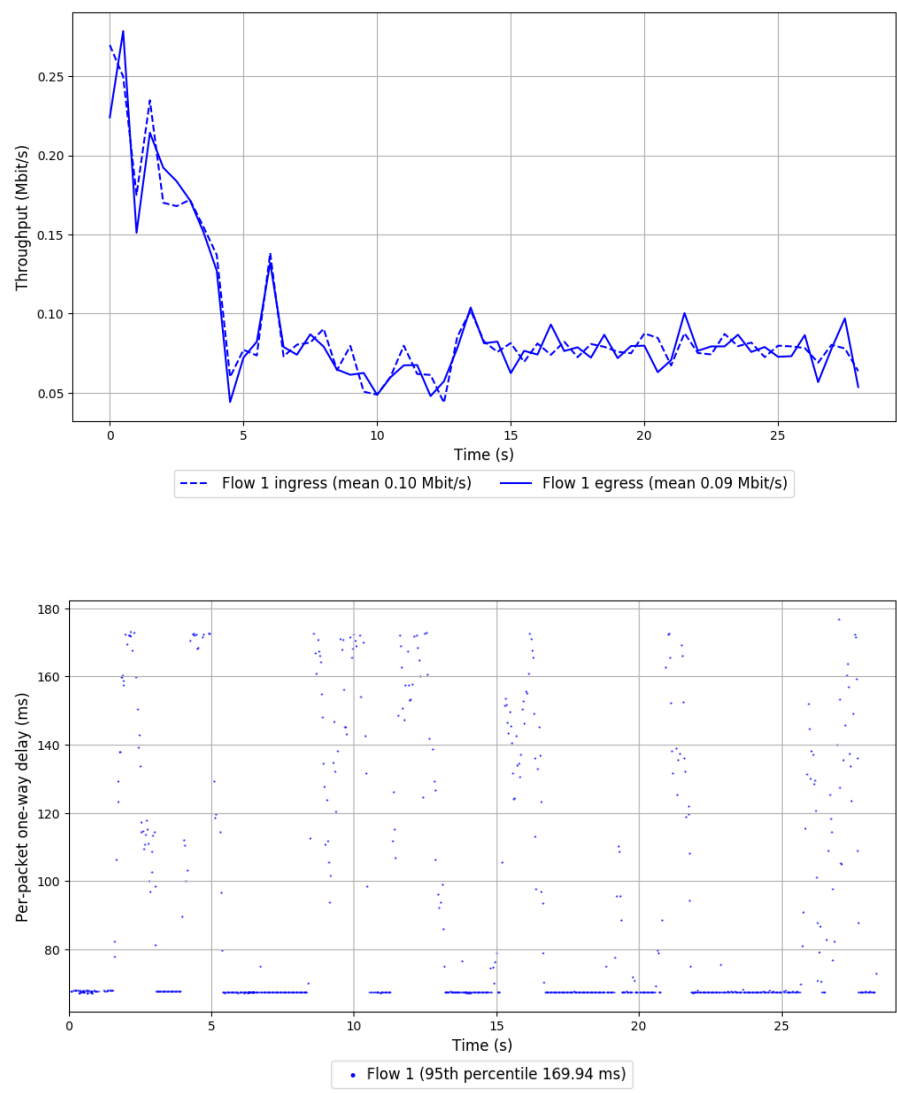


Run 8: Statistics of SCReAM

Start at: 2017-09-03 07:28:36
End at: 2017-09-03 07:29:06
Local clock offset: -3.092 ms
Remote clock offset: -3.846 ms

Below is generated by plot.py at 2017-09-03 11:39:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 169.945 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 169.945 ms
Loss rate: 1.71%

Run 8: Report of SReAM — Data Link

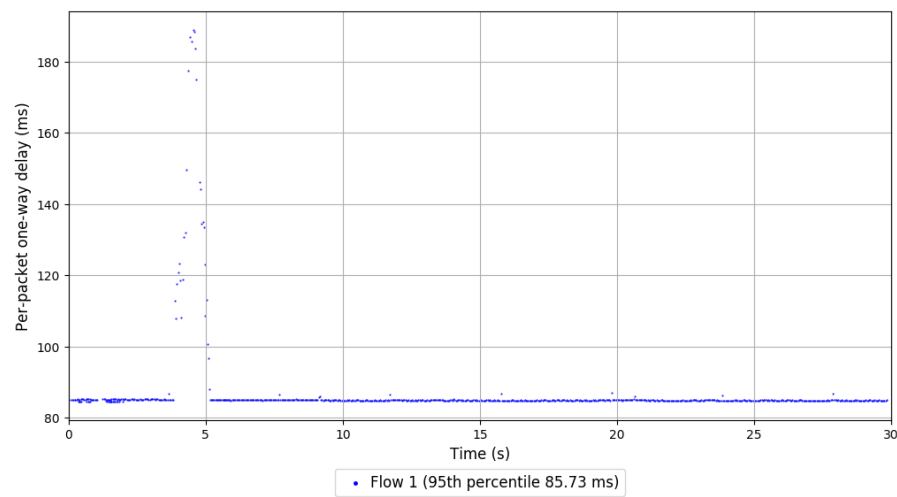
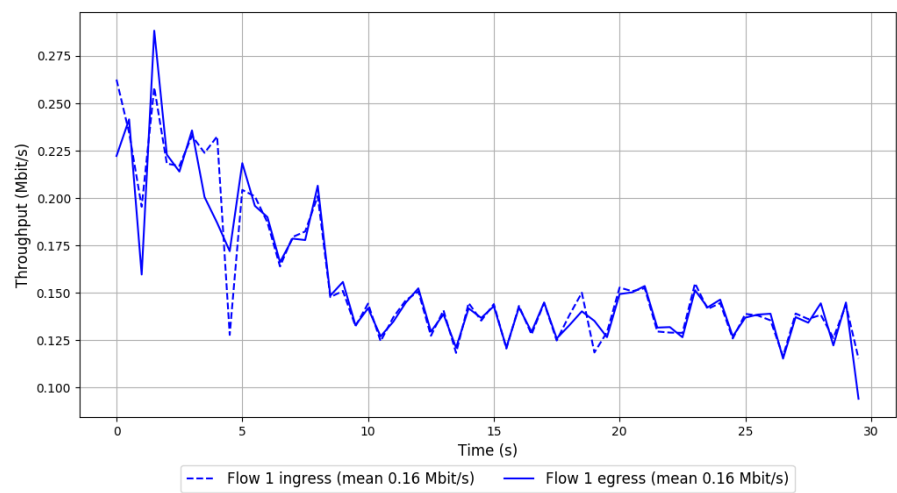


Run 9: Statistics of SCReAM

Start at: 2017-09-03 07:47:18
End at: 2017-09-03 07:47:48
Local clock offset: -2.517 ms
Remote clock offset: -3.912 ms

Below is generated by plot.py at 2017-09-03 11:39:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 85.730 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 85.730 ms
Loss rate: 0.63%

Run 9: Report of SReAM — Data Link

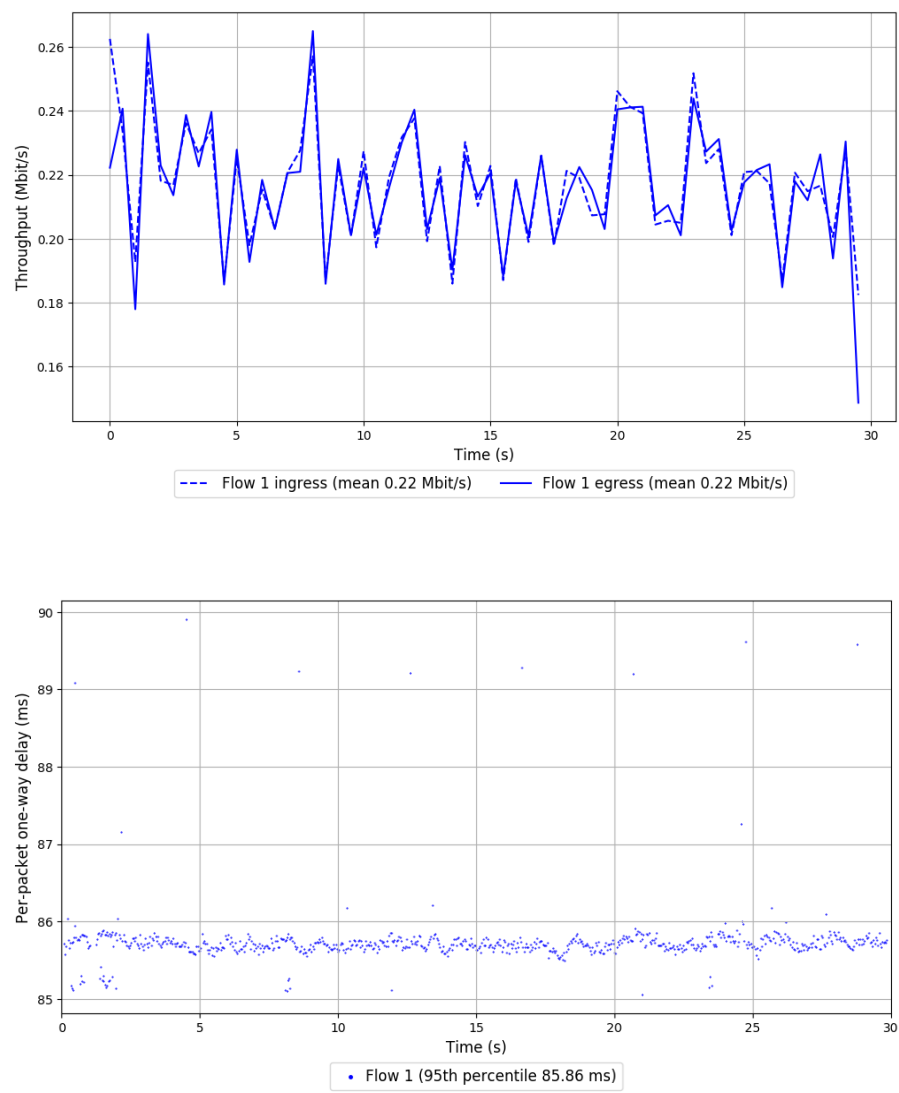


Run 10: Statistics of SReAM

Start at: 2017-09-03 08:05:35
End at: 2017-09-03 08:06:05
Local clock offset: -1.938 ms
Remote clock offset: -3.884 ms

Below is generated by plot.py at 2017-09-03 11:39:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.856 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.856 ms
Loss rate: 0.51%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2017-09-03 05:31:19

End at: 2017-09-03 05:31:49

Local clock offset: -4.024 ms

Remote clock offset: 0.194 ms

Below is generated by plot.py at 2017-09-03 11:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 101.658 ms

Loss rate: 0.57%

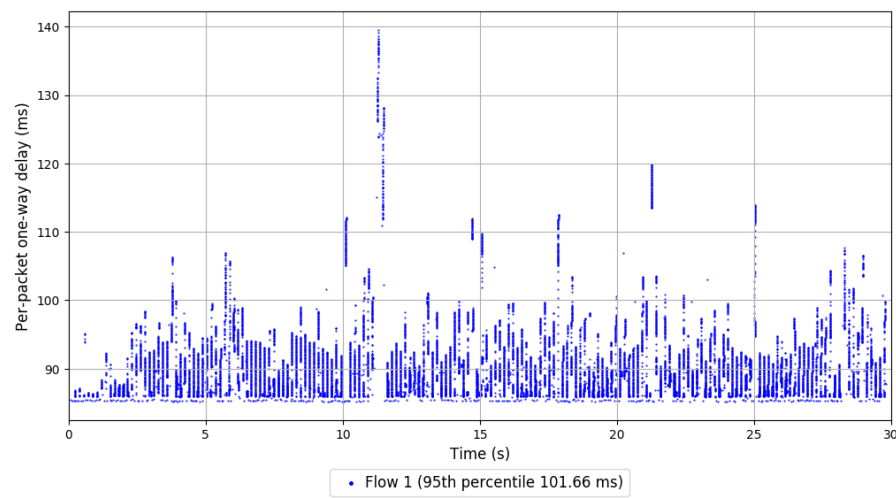
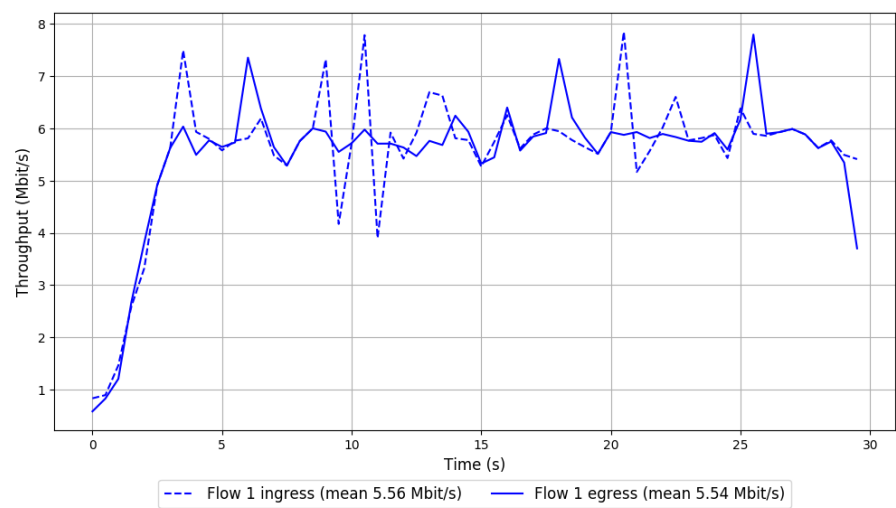
-- Flow 1:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 101.658 ms

Loss rate: 0.57%

Run 1: Report of Sprout — Data Link

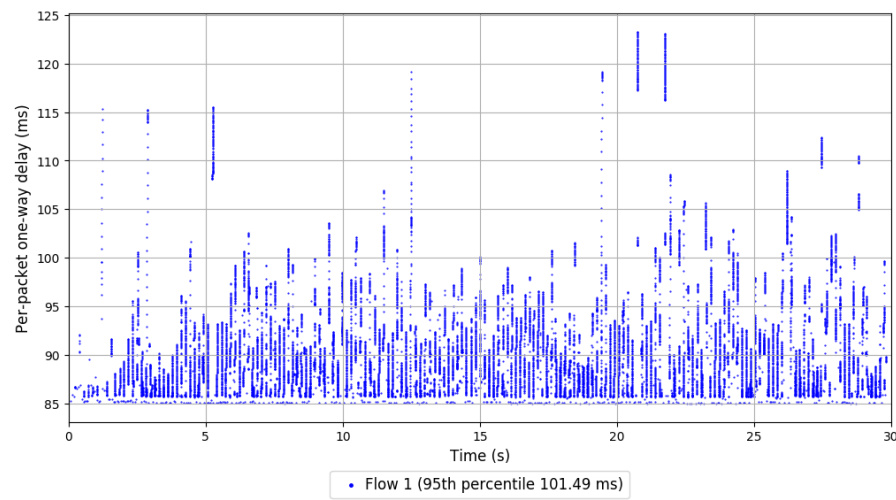
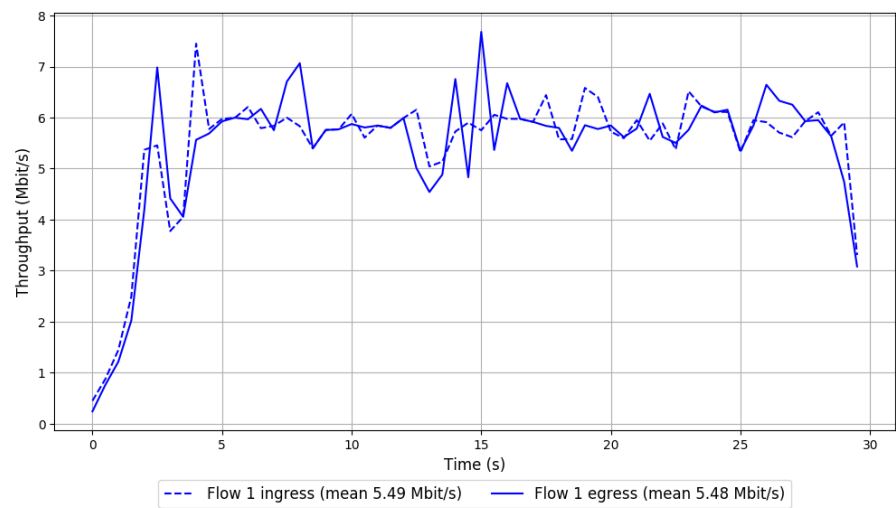


Run 2: Statistics of Sprout

Start at: 2017-09-03 05:49:30
End at: 2017-09-03 05:50:00
Local clock offset: -4.225 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2017-09-03 11:39:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 101.491 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 5.48 Mbit/s
95th percentile per-packet one-way delay: 101.491 ms
Loss rate: 0.49%

Run 2: Report of Sprout — Data Link

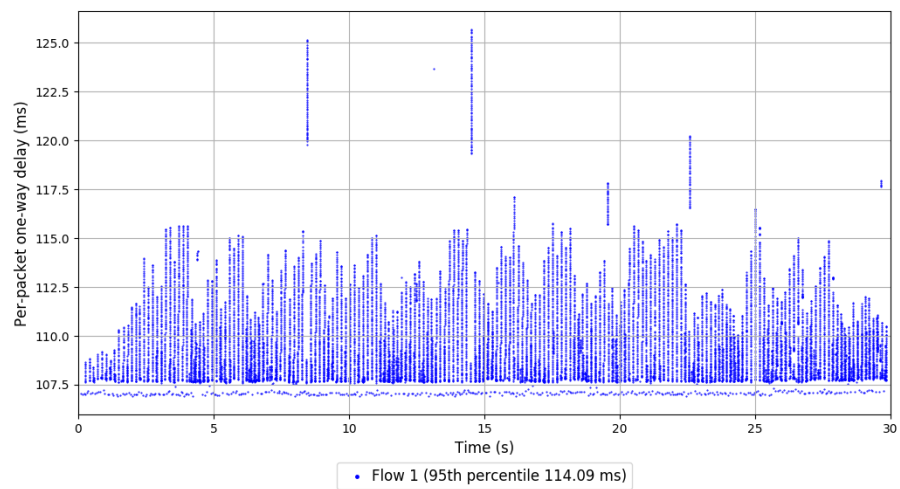
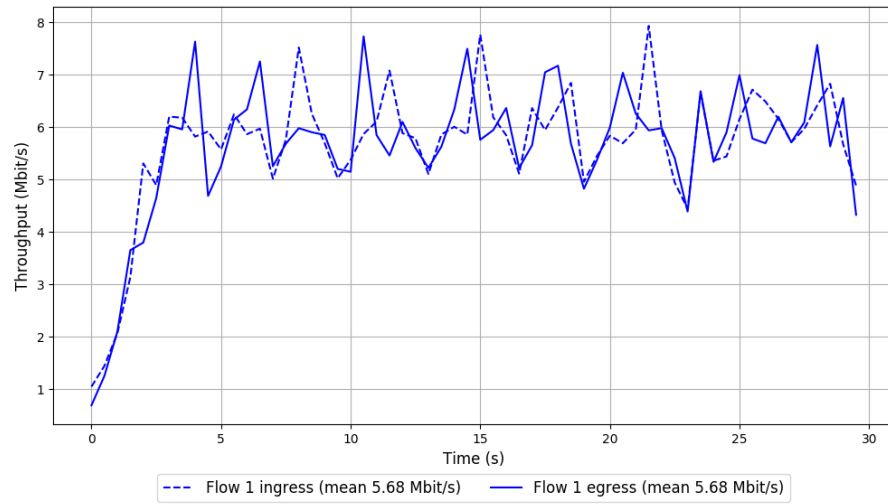


Run 3: Statistics of Sprout

Start at: 2017-09-03 06:07:35
End at: 2017-09-03 06:08:05
Local clock offset: 18.276 ms
Remote clock offset: -0.188 ms

Below is generated by plot.py at 2017-09-03 11:39:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 114.093 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 5.68 Mbit/s
95th percentile per-packet one-way delay: 114.093 ms
Loss rate: 0.45%

Run 3: Report of Sprout — Data Link

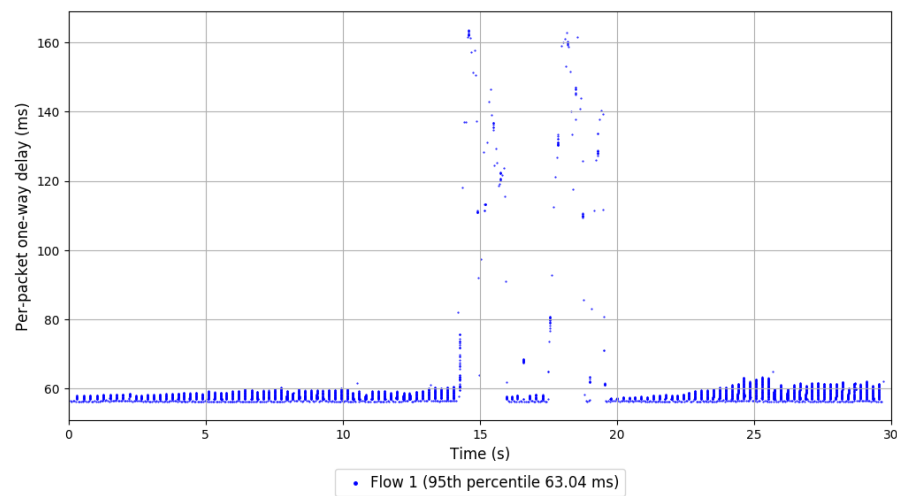
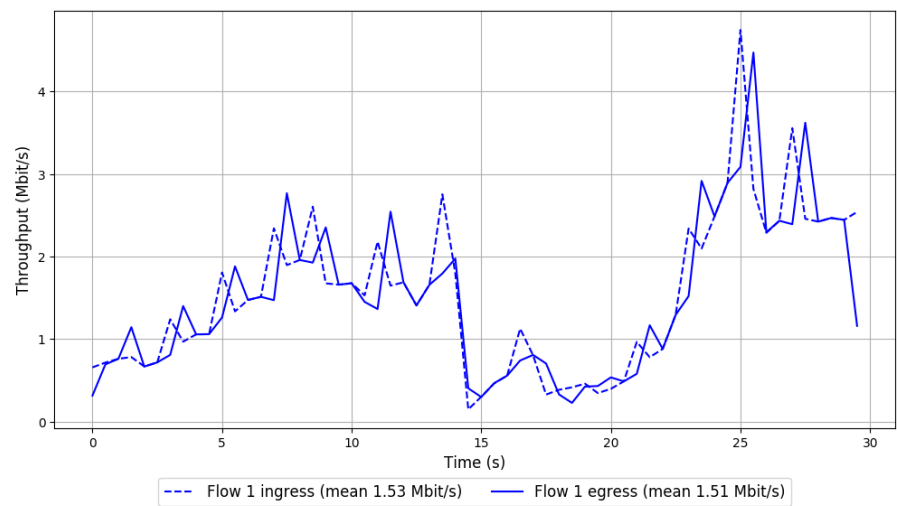


Run 4: Statistics of Sprout

Start at: 2017-09-03 06:26:12
End at: 2017-09-03 06:26:42
Local clock offset: -3.537 ms
Remote clock offset: 28.478 ms

Below is generated by plot.py at 2017-09-03 11:39:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 63.039 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 63.039 ms
Loss rate: 2.15%

Run 4: Report of Sprout — Data Link

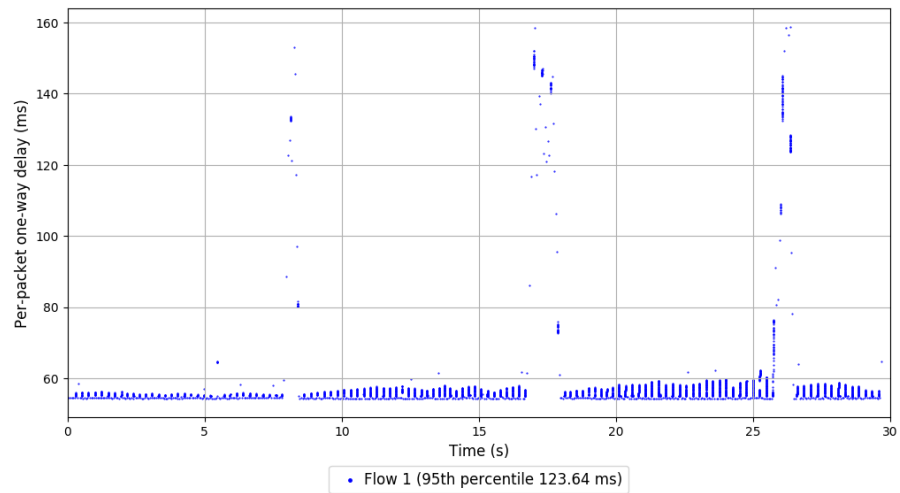
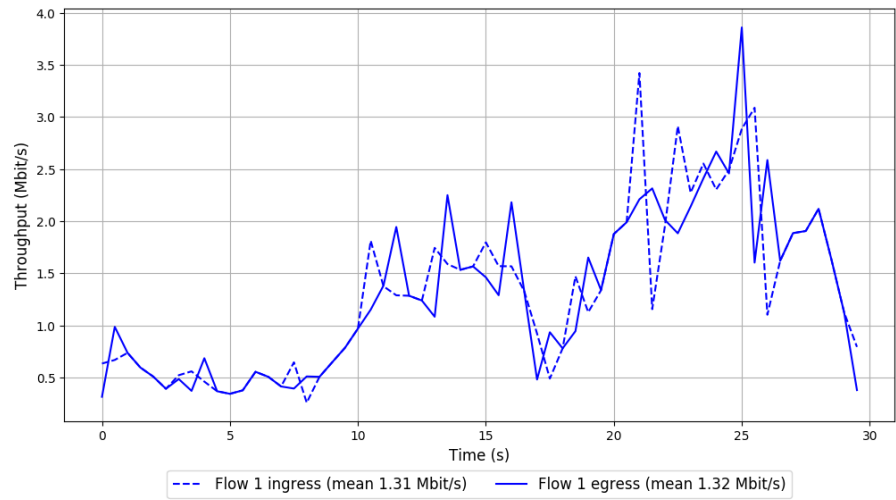


Run 5: Statistics of Sprout

Start at: 2017-09-03 06:45:01
End at: 2017-09-03 06:45:31
Local clock offset: -3.754 ms
Remote clock offset: 30.198 ms

Below is generated by plot.py at 2017-09-03 11:39:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 123.643 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 123.643 ms
Loss rate: 0.53%

Run 5: Report of Sprout — Data Link

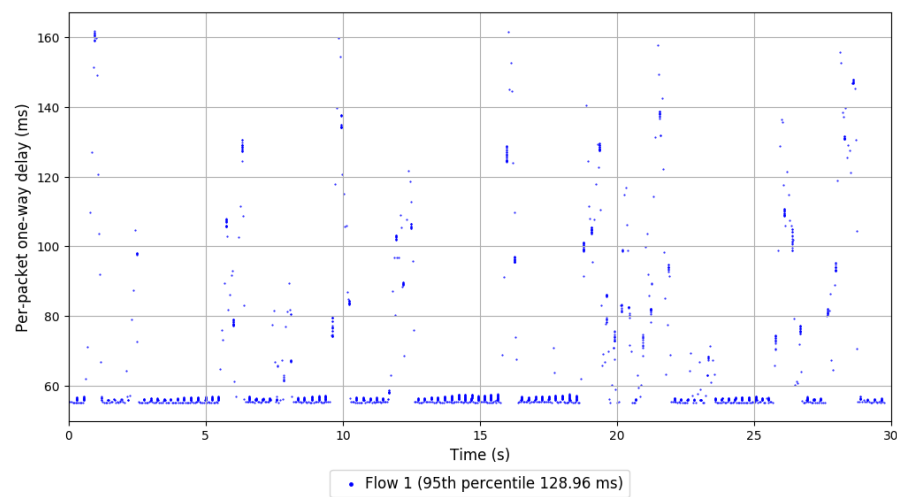
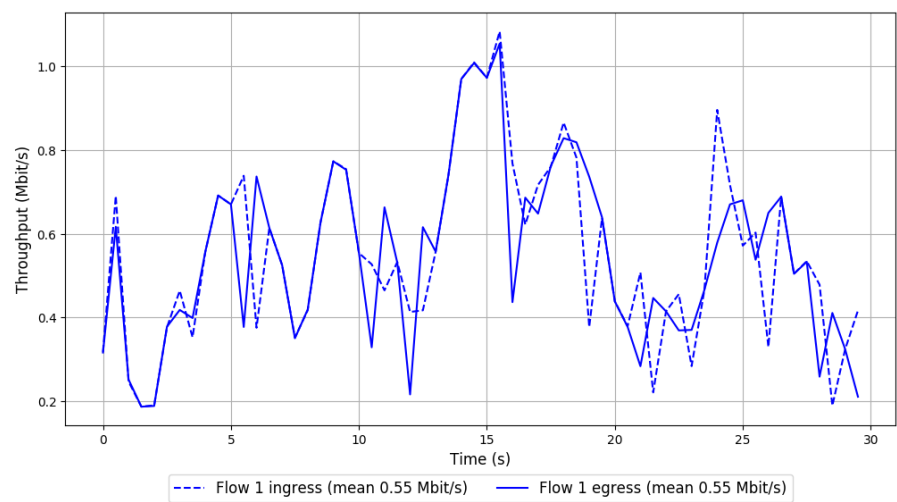


Run 6: Statistics of Sprout

Start at: 2017-09-03 07:03:54
End at: 2017-09-03 07:04:24
Local clock offset: -3.869 ms
Remote clock offset: 29.707 ms

Below is generated by plot.py at 2017-09-03 11:39:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 128.955 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 128.955 ms
Loss rate: 0.85%

Run 6: Report of Sprout — Data Link

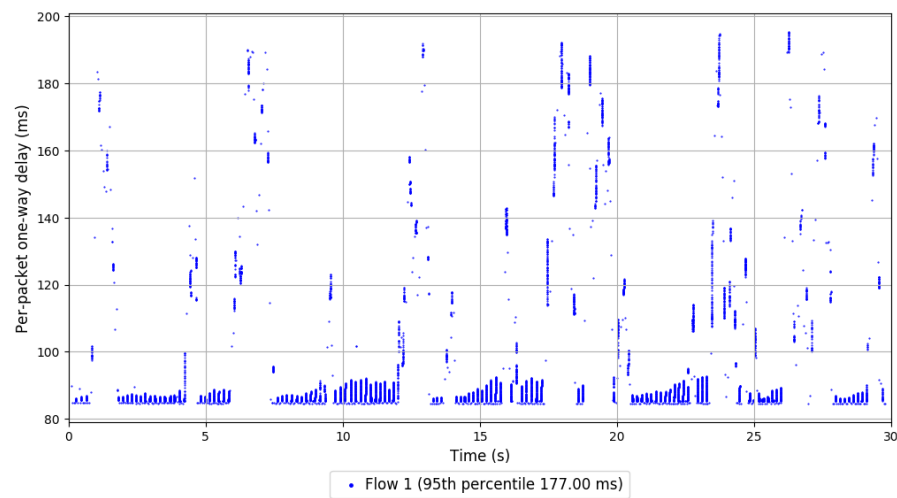
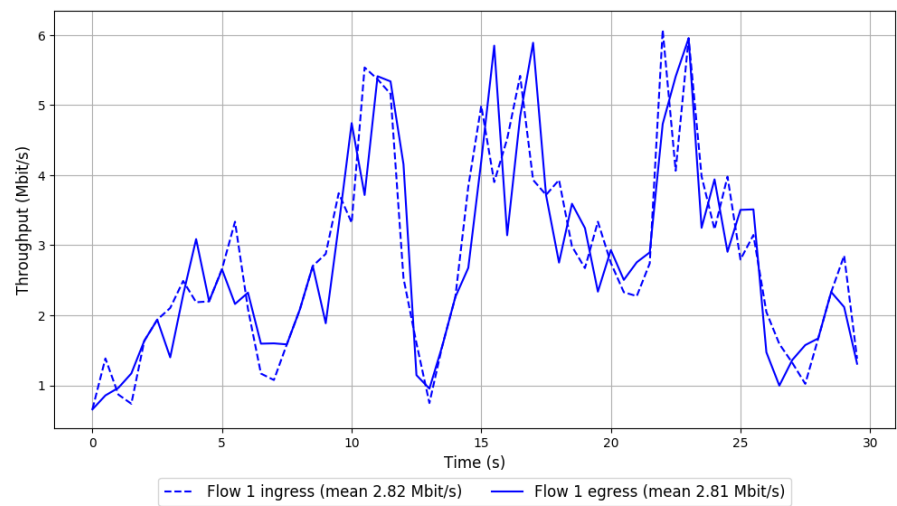


Run 7: Statistics of Sprout

Start at: 2017-09-03 07:22:24
End at: 2017-09-03 07:22:54
Local clock offset: -3.285 ms
Remote clock offset: -3.295 ms

Below is generated by plot.py at 2017-09-03 11:39:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 176.998 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 176.998 ms
Loss rate: 0.99%

Run 7: Report of Sprout — Data Link

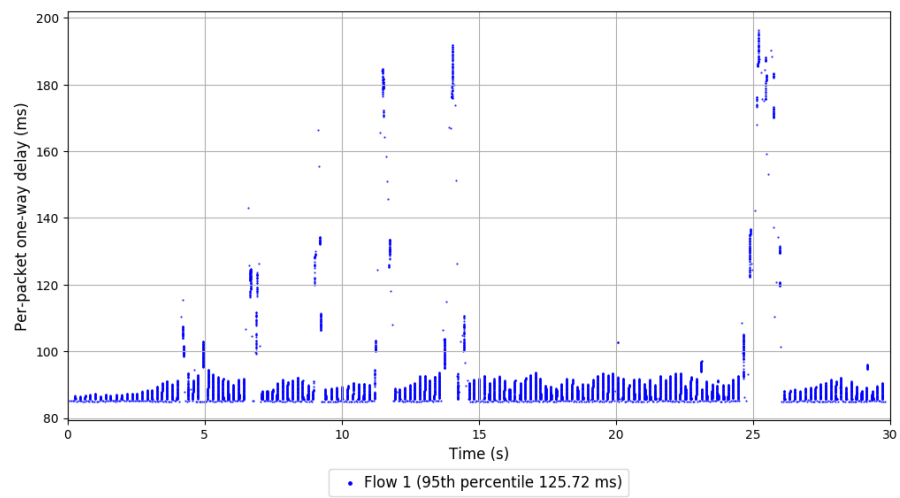
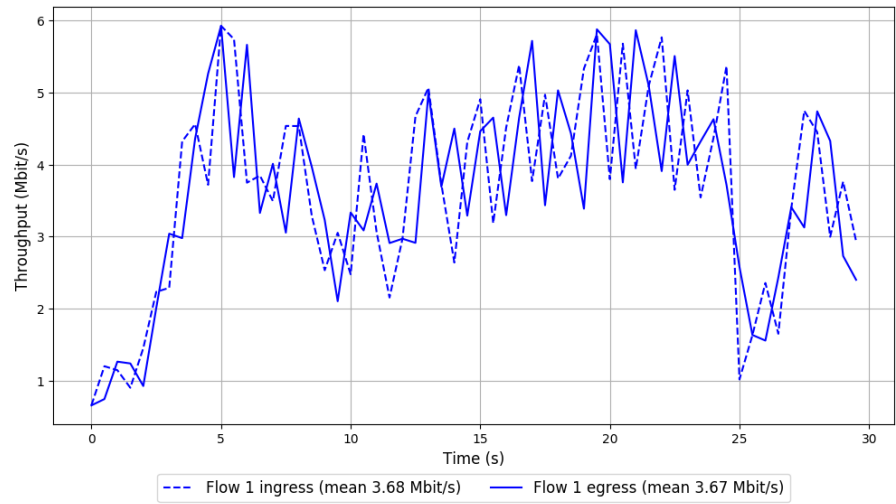


Run 8: Statistics of Sprout

Start at: 2017-09-03 07:41:14
End at: 2017-09-03 07:41:44
Local clock offset: -2.537 ms
Remote clock offset: -3.779 ms

Below is generated by plot.py at 2017-09-03 11:39:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 125.723 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 125.723 ms
Loss rate: 0.75%

Run 8: Report of Sprout — Data Link

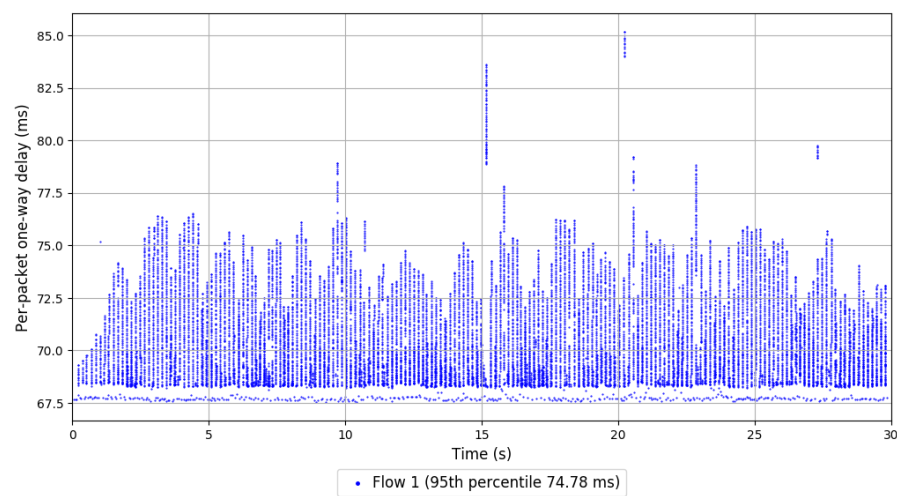
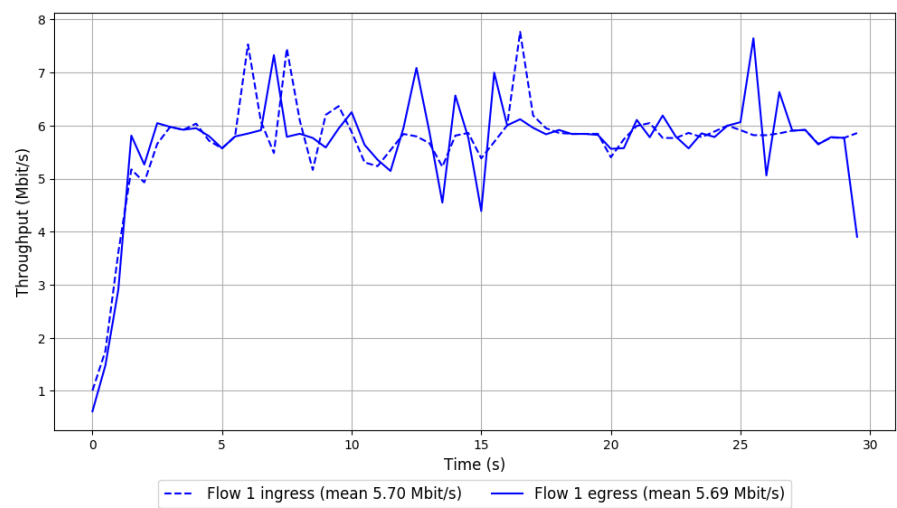


Run 9: Statistics of Sprout

Start at: 2017-09-03 07:59:30
End at: 2017-09-03 08:00:00
Local clock offset: -2.051 ms
Remote clock offset: -4.226 ms

Below is generated by plot.py at 2017-09-03 11:39:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 74.785 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 74.785 ms
Loss rate: 0.58%

Run 9: Report of Sprout — Data Link

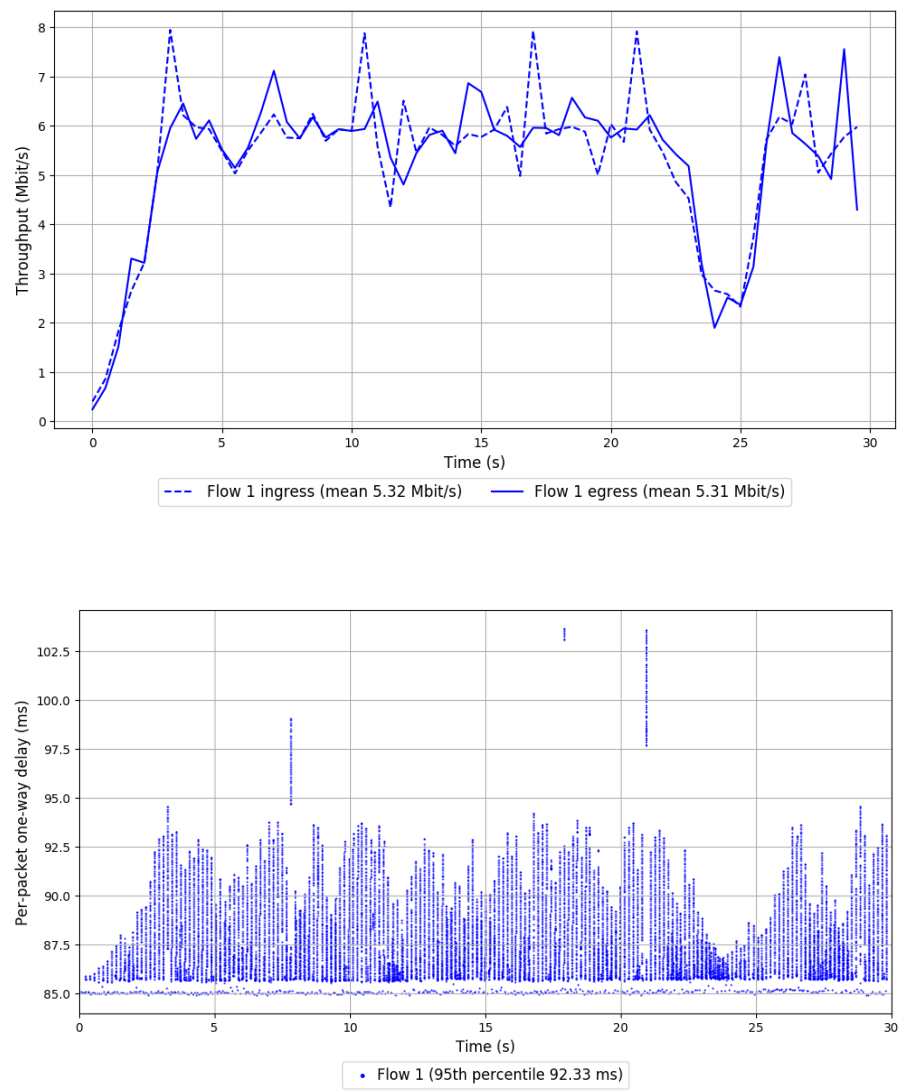


Run 10: Statistics of Sprout

Start at: 2017-09-03 08:17:43
End at: 2017-09-03 08:18:13
Local clock offset: -2.305 ms
Remote clock offset: -3.184 ms

Below is generated by plot.py at 2017-09-03 11:39:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 92.330 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 92.330 ms
Loss rate: 0.61%

Run 10: Report of Sprout — Data Link

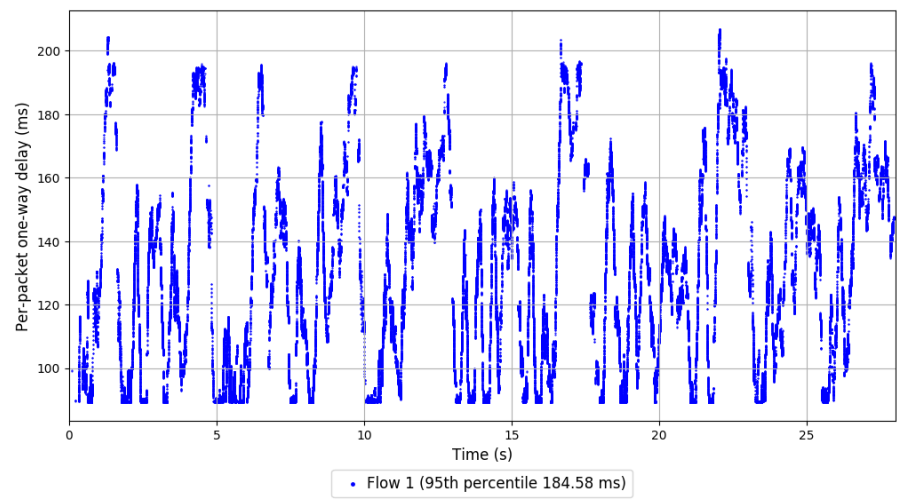
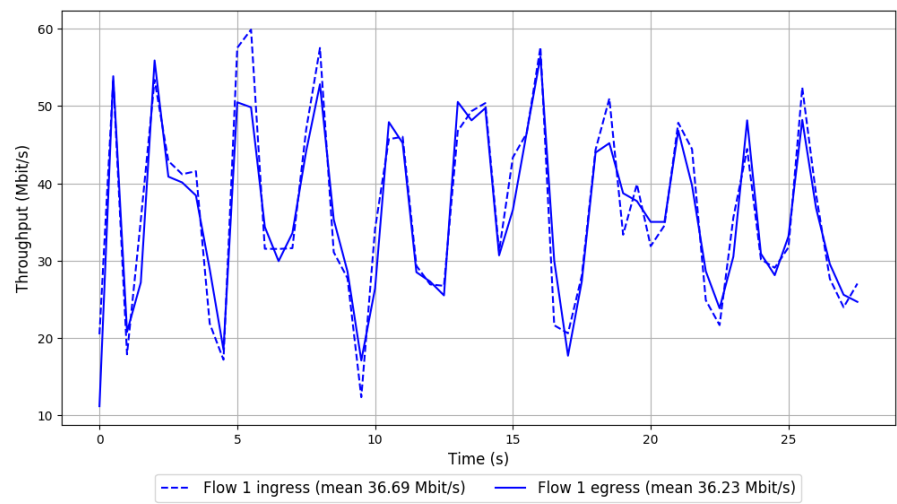


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-03 05:18:00
End at: 2017-09-03 05:18:30
Local clock offset: 17.797 ms
Remote clock offset: -0.114 ms

# Below is generated by plot.py at 2017-09-03 11:39:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 184.583 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 184.583 ms
Loss rate: 1.70%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-03 05:36:06

End at: 2017-09-03 05:36:36

Local clock offset: -4.067 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2017-09-03 11:39:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.48 Mbit/s

95th percentile per-packet one-way delay: 181.037 ms

Loss rate: 1.59%

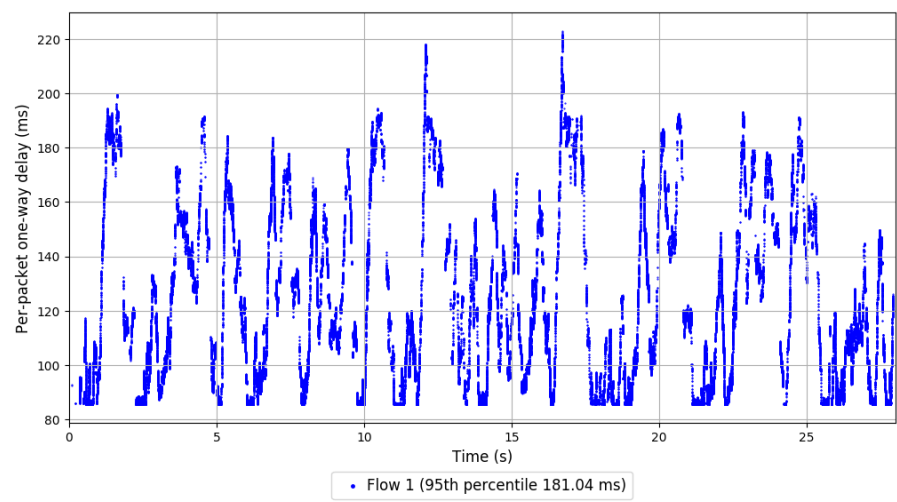
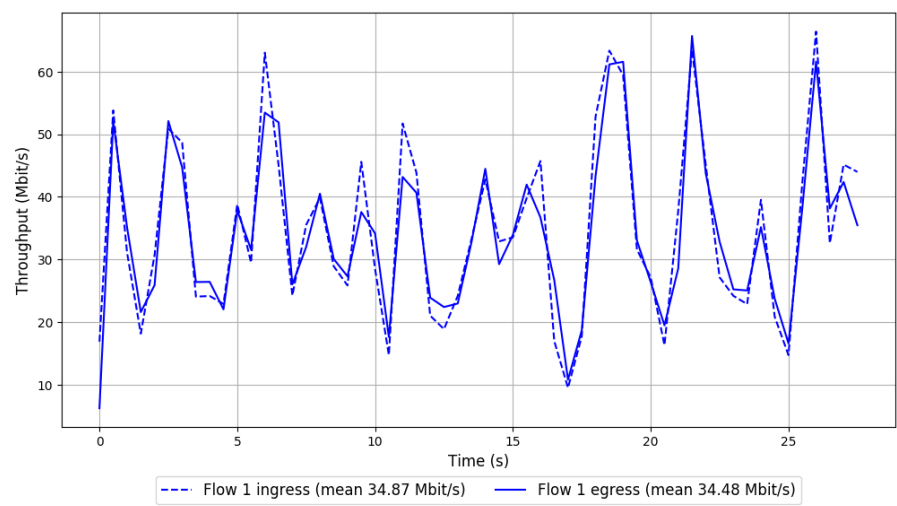
-- Flow 1:

Average throughput: 34.48 Mbit/s

95th percentile per-packet one-way delay: 181.037 ms

Loss rate: 1.59%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-03 05:54:18

End at: 2017-09-03 05:54:48

Local clock offset: -4.1 ms

Remote clock offset: -0.321 ms

Below is generated by plot.py at 2017-09-03 11:39:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.85 Mbit/s

95th percentile per-packet one-way delay: 167.798 ms

Loss rate: 1.40%

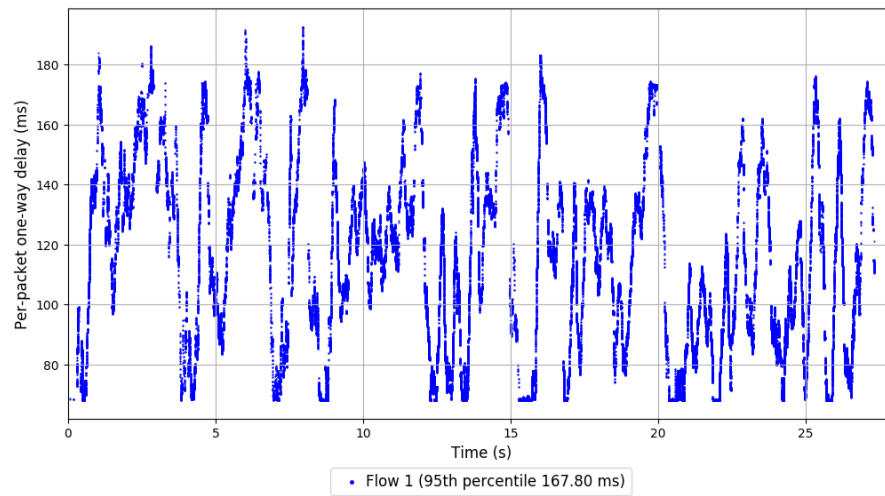
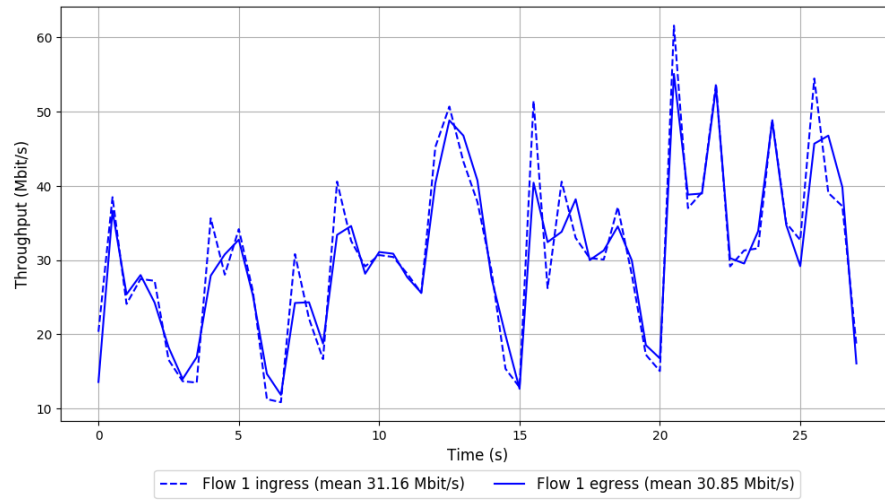
-- Flow 1:

Average throughput: 30.85 Mbit/s

95th percentile per-packet one-way delay: 167.798 ms

Loss rate: 1.40%

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

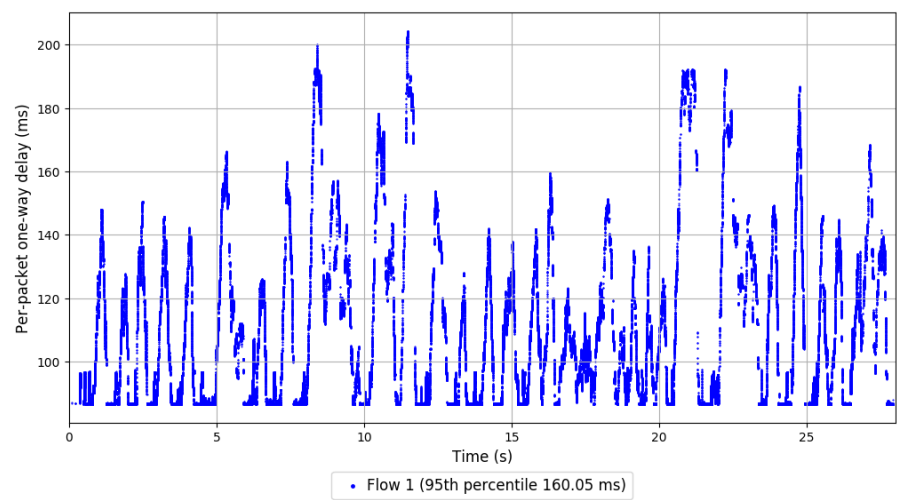
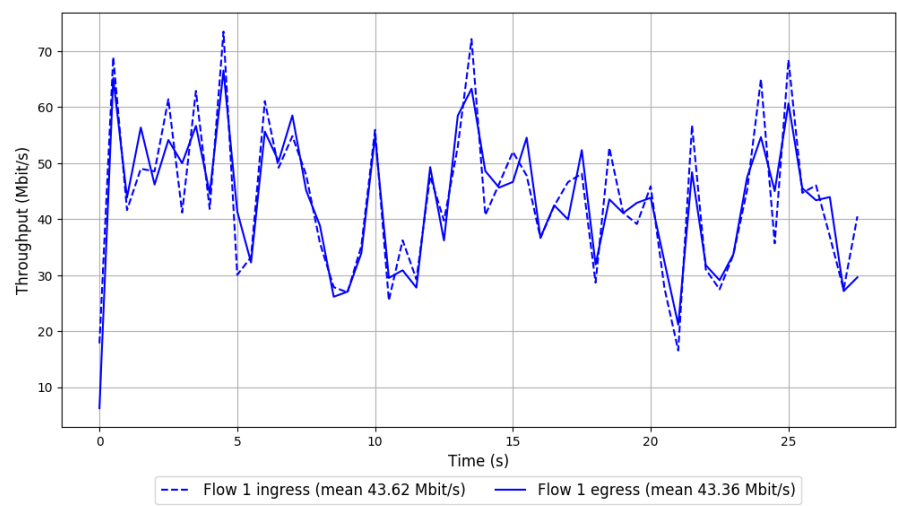


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 06:12:23
End at: 2017-09-03 06:12:53
Local clock offset: -2.148 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2017-09-03 11:39:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.36 Mbit/s
95th percentile per-packet one-way delay: 160.053 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 43.36 Mbit/s
95th percentile per-packet one-way delay: 160.053 ms
Loss rate: 1.07%

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

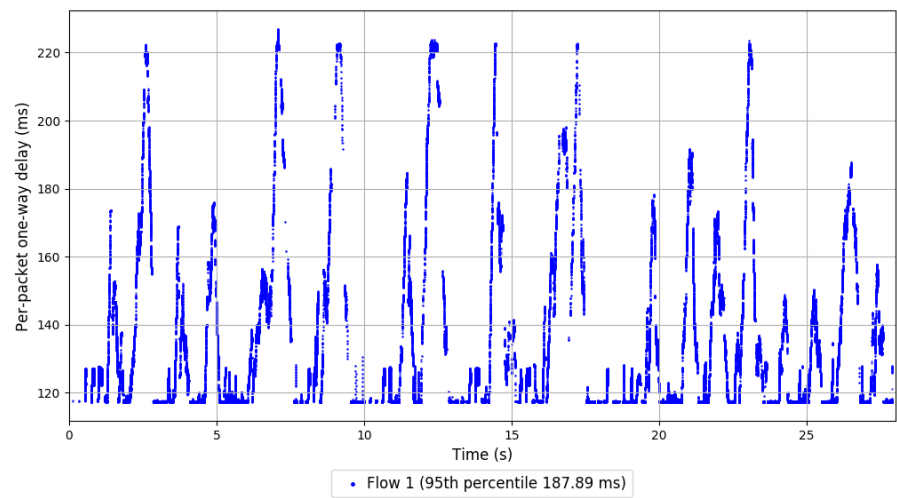
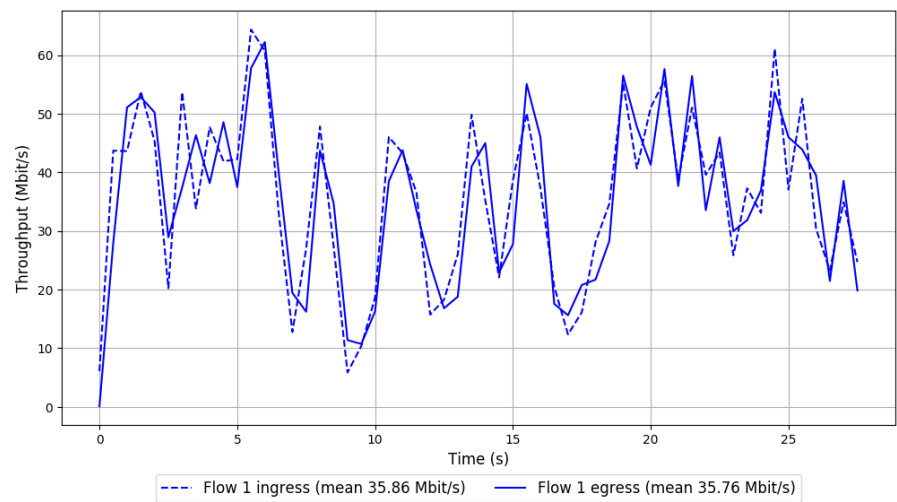


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-03 06:31:17
End at: 2017-09-03 06:31:47
Local clock offset: -2.114 ms
Remote clock offset: -30.262 ms

Below is generated by plot.py at 2017-09-03 11:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.76 Mbit/s
95th percentile per-packet one-way delay: 187.892 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 35.76 Mbit/s
95th percentile per-packet one-way delay: 187.892 ms
Loss rate: 0.95%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-03 06:50:02

End at: 2017-09-03 06:50:32

Local clock offset: -3.995 ms

Remote clock offset: 30.196 ms

Below is generated by plot.py at 2017-09-03 11:39:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.85 Mbit/s

95th percentile per-packet one-way delay: 141.827 ms

Loss rate: 2.15%

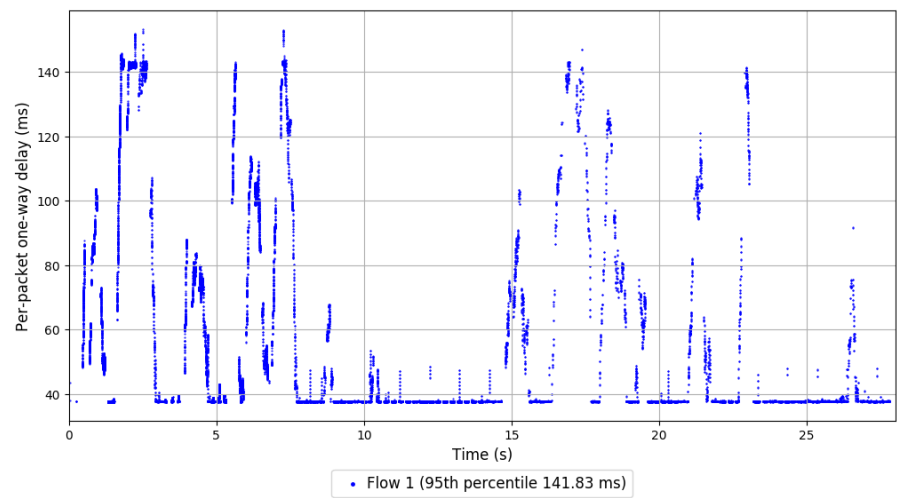
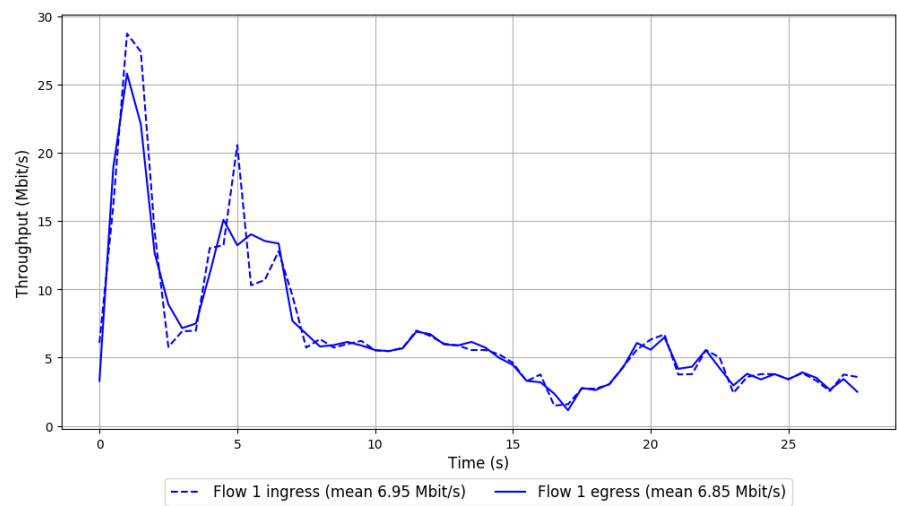
-- Flow 1:

Average throughput: 6.85 Mbit/s

95th percentile per-packet one-way delay: 141.827 ms

Loss rate: 2.15%

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

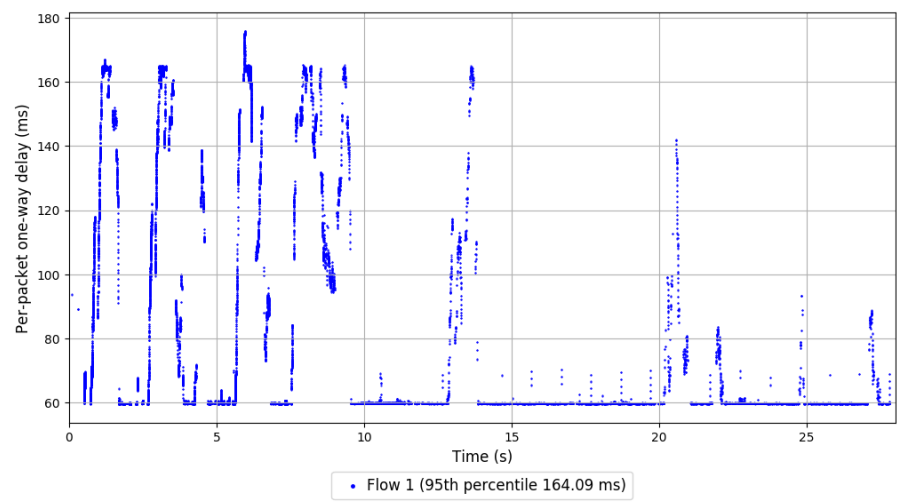
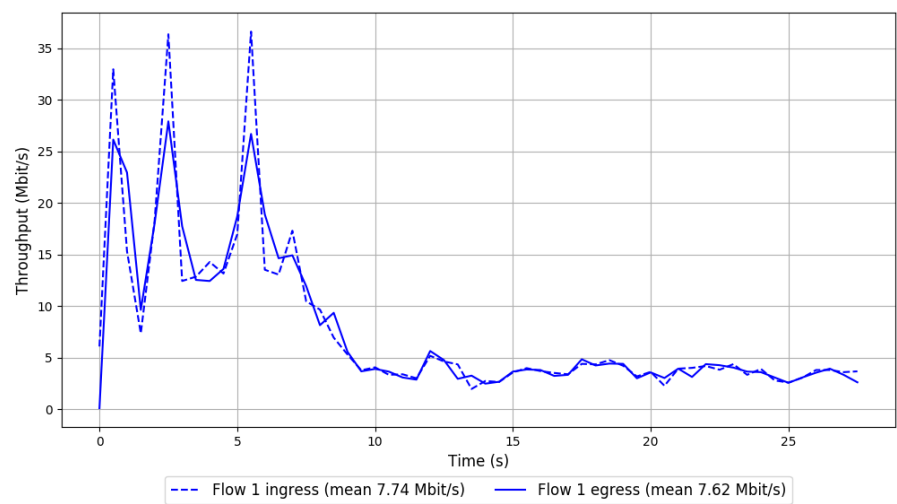


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-03 07:08:55
End at: 2017-09-03 07:09:25
Local clock offset: 18.566 ms
Remote clock offset: 30.202 ms

Below is generated by plot.py at 2017-09-03 11:39:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 164.088 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 7.62 Mbit/s
95th percentile per-packet one-way delay: 164.088 ms
Loss rate: 2.42%

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



Run 8: Statistics of TaoVA-100x

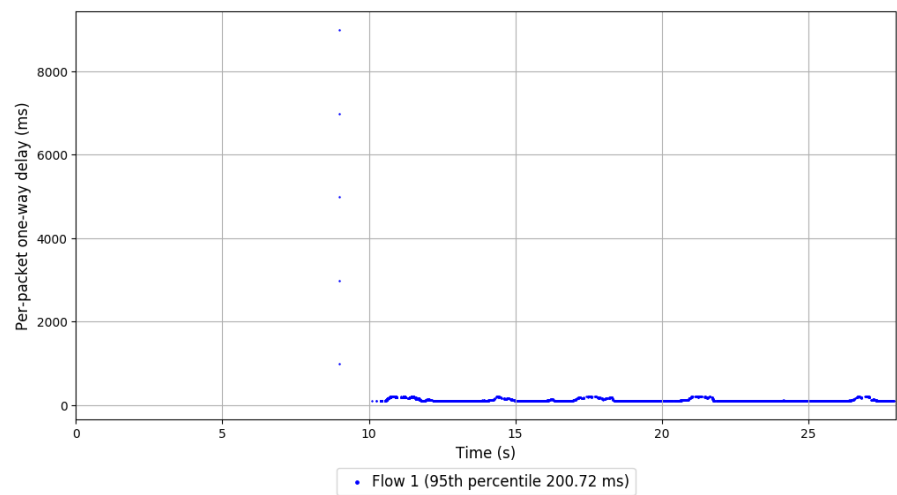
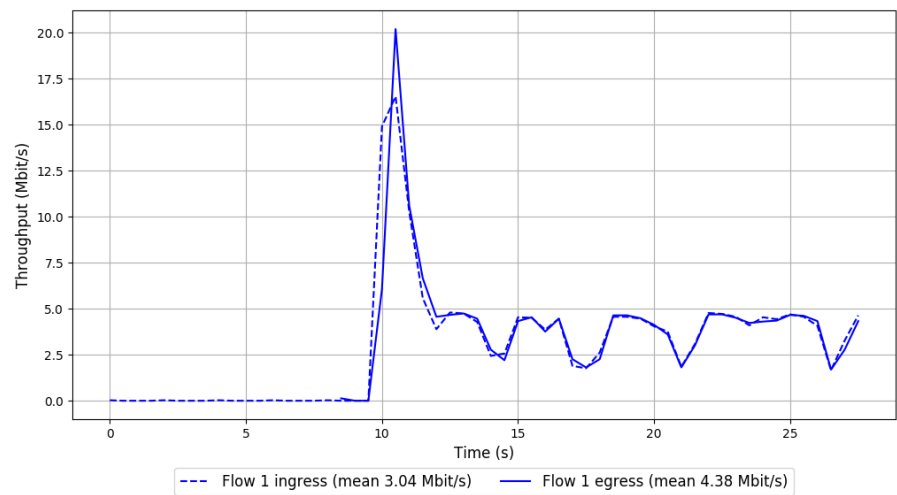
Start at: 2017-09-03 07:27:21

End at: 2017-09-03 07:27:51

Local clock offset: -3.039 ms

Remote clock offset: -15.595 ms

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-03 07:46:04

End at: 2017-09-03 07:46:34

Local clock offset: -2.406 ms

Remote clock offset: -4.06 ms

Below is generated by plot.py at 2017-09-03 11:39:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.05 Mbit/s

95th percentile per-packet one-way delay: 167.599 ms

Loss rate: 1.04%

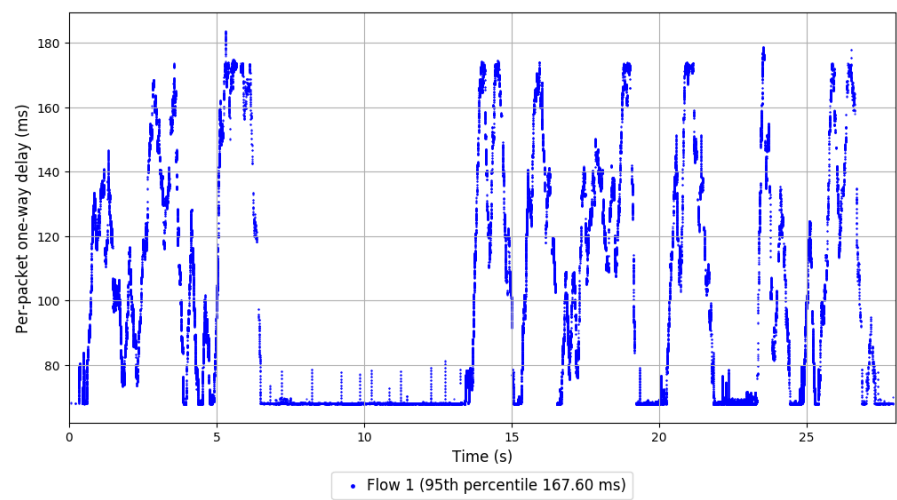
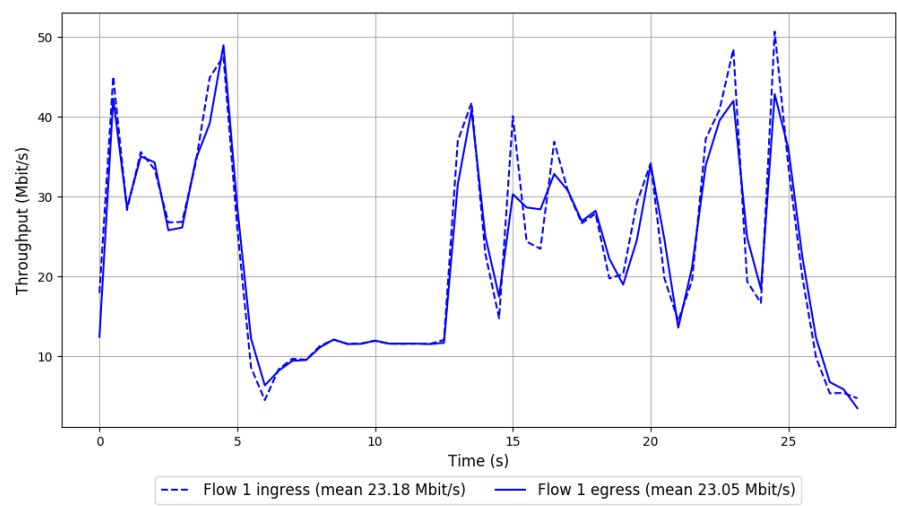
-- Flow 1:

Average throughput: 23.05 Mbit/s

95th percentile per-packet one-way delay: 167.599 ms

Loss rate: 1.04%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-03 08:04:20

End at: 2017-09-03 08:04:50

Local clock offset: -2.096 ms

Remote clock offset: -4.032 ms

Below is generated by plot.py at 2017-09-03 11:39:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.78 Mbit/s

95th percentile per-packet one-way delay: 141.591 ms

Loss rate: 0.61%

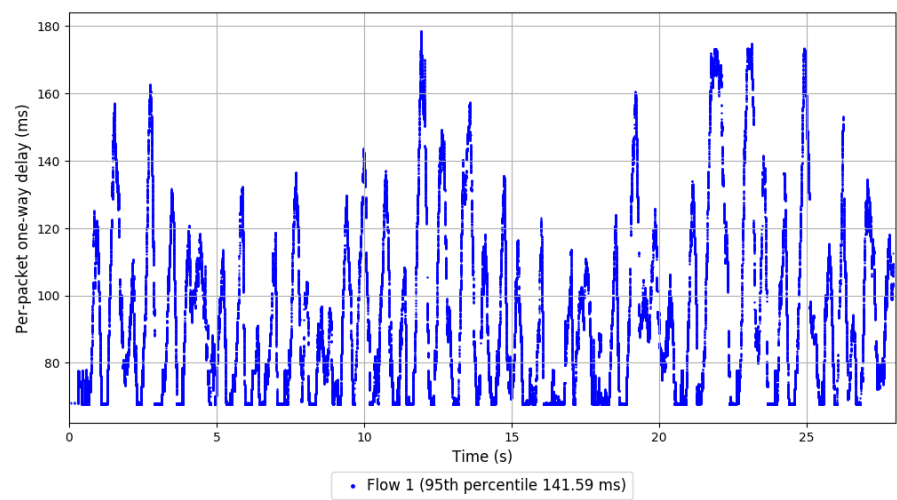
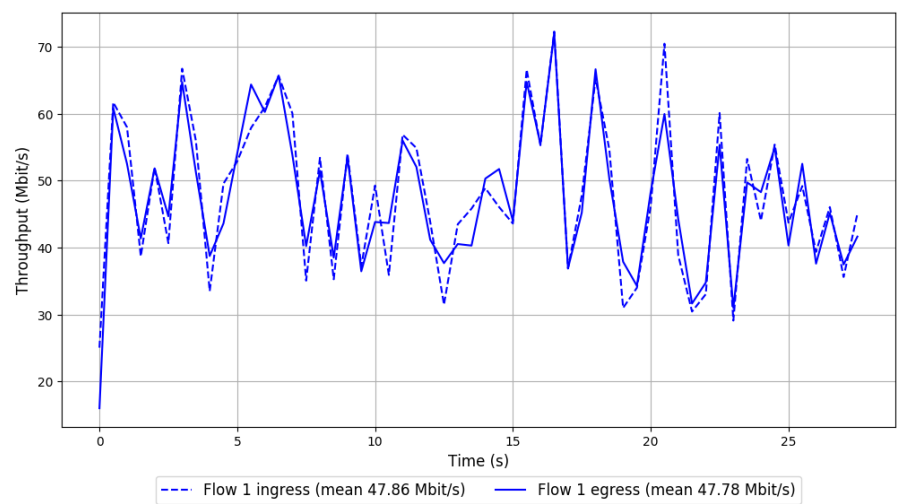
-- Flow 1:

Average throughput: 47.78 Mbit/s

95th percentile per-packet one-way delay: 141.591 ms

Loss rate: 0.61%

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

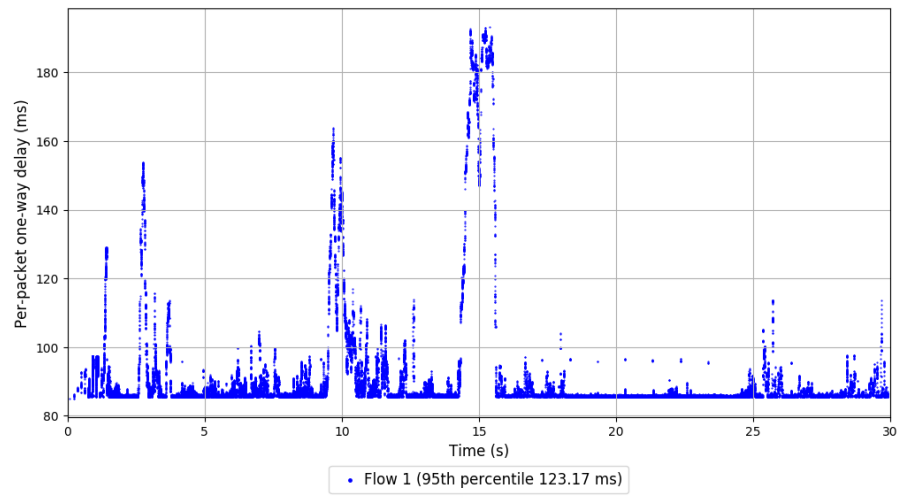
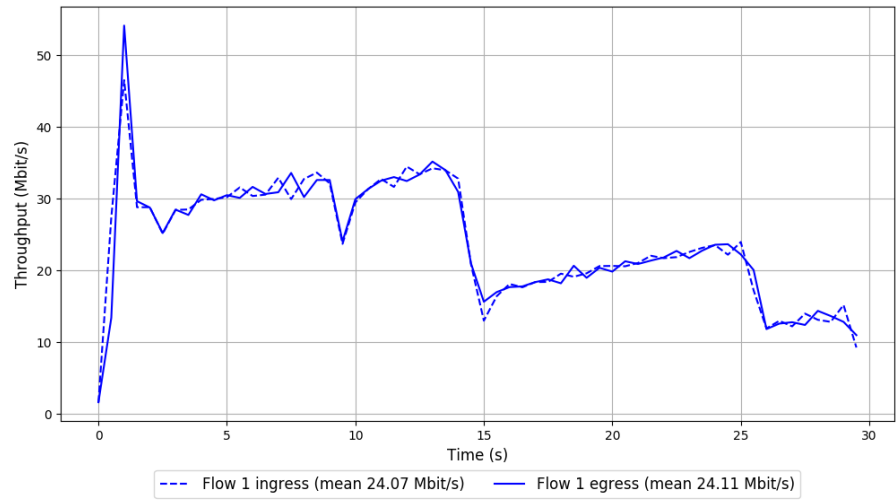


Run 1: Statistics of TCP Vegas

Start at: 2017-09-03 05:22:53
End at: 2017-09-03 05:23:24
Local clock offset: -3.907 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2017-09-03 11:39:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 123.170 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 123.170 ms
Loss rate: 0.27%

Run 1: Report of TCP Vegas — Data Link

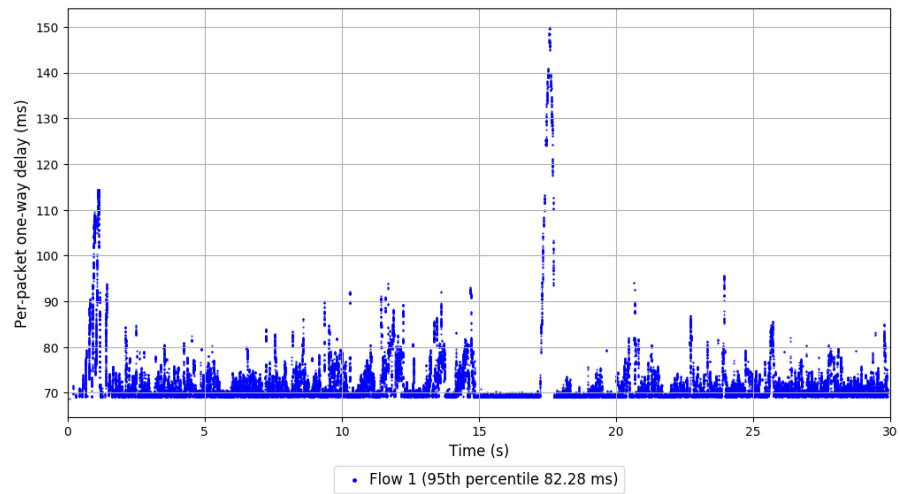
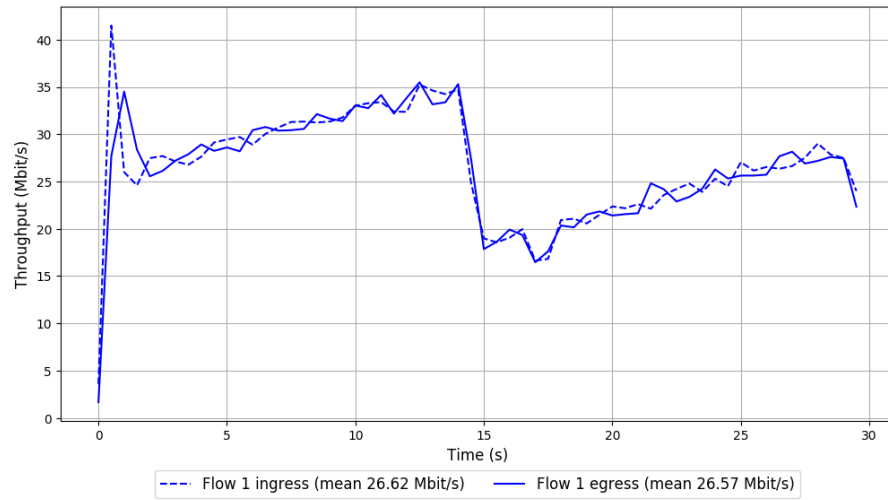


Run 2: Statistics of TCP Vegas

Start at: 2017-09-03 05:40:57
End at: 2017-09-03 05:41:27
Local clock offset: -2.913 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2017-09-03 11:39:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 82.283 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 26.57 Mbit/s
95th percentile per-packet one-way delay: 82.283 ms
Loss rate: 0.54%

Run 2: Report of TCP Vegas — Data Link

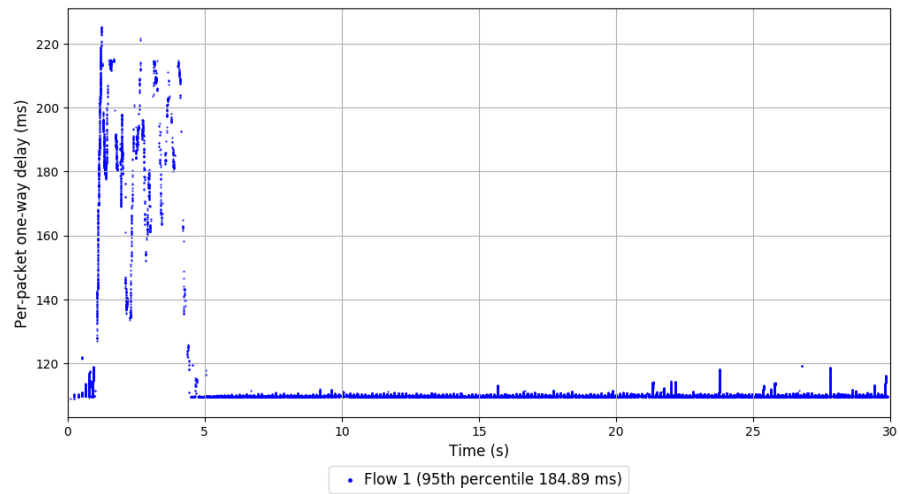
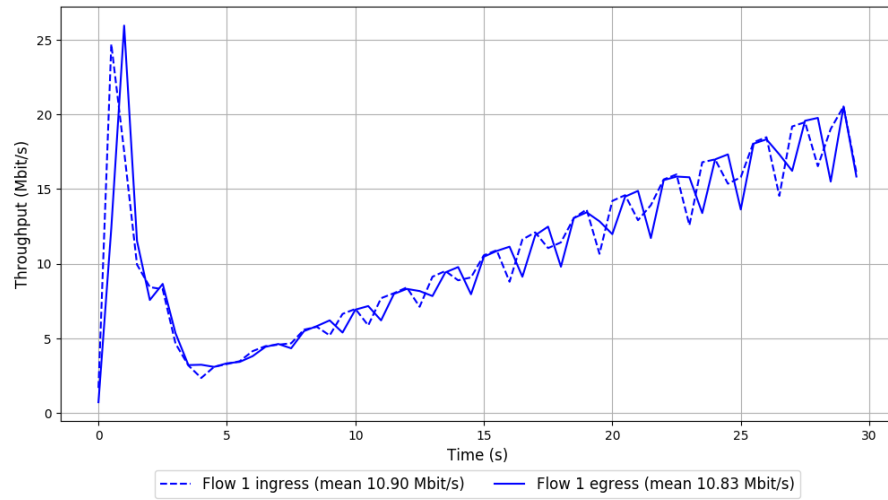


Run 3: Statistics of TCP Vegas

Start at: 2017-09-03 05:59:08
End at: 2017-09-03 05:59:38
Local clock offset: 19.594 ms
Remote clock offset: -0.345 ms

Below is generated by plot.py at 2017-09-03 11:39:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.83 Mbit/s
95th percentile per-packet one-way delay: 184.890 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 10.83 Mbit/s
95th percentile per-packet one-way delay: 184.890 ms
Loss rate: 1.04%

Run 3: Report of TCP Vegas — Data Link

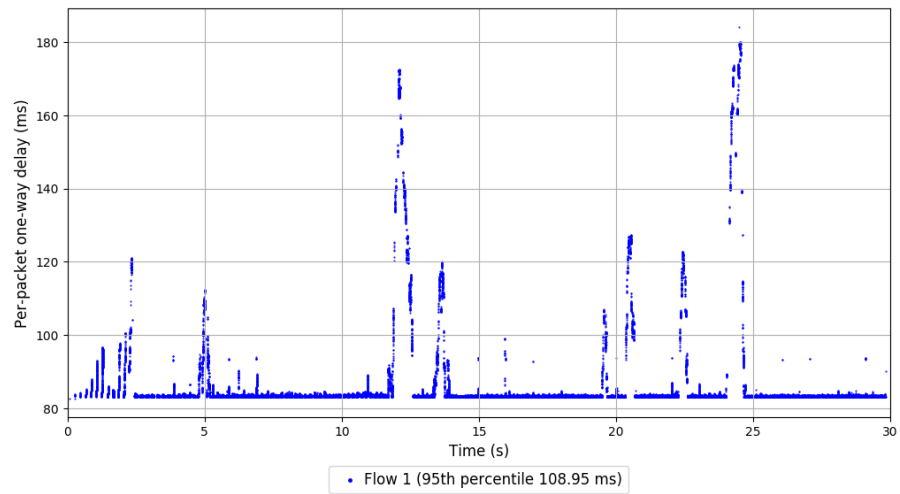
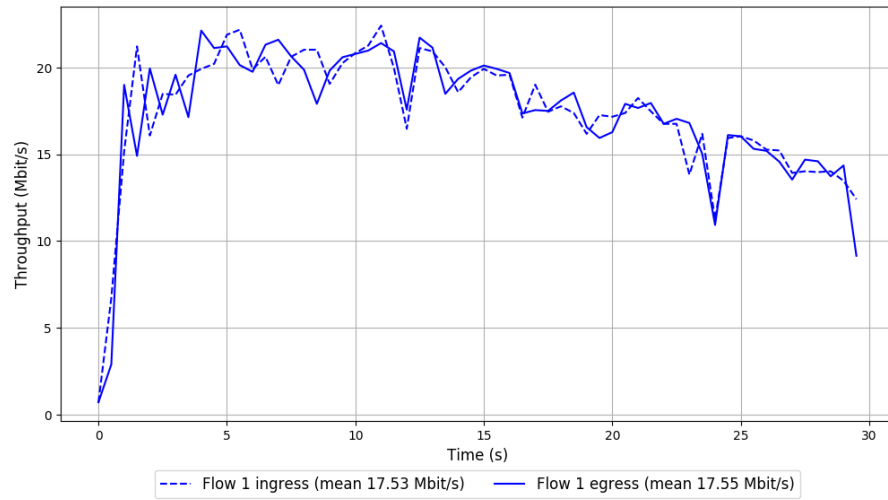


Run 4: Statistics of TCP Vegas

Start at: 2017-09-03 06:17:23
End at: 2017-09-03 06:17:53
Local clock offset: -2.032 ms
Remote clock offset: -13.589 ms

Below is generated by plot.py at 2017-09-03 11:40:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 108.949 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 17.55 Mbit/s
95th percentile per-packet one-way delay: 108.949 ms
Loss rate: 0.45%

Run 4: Report of TCP Vegas — Data Link

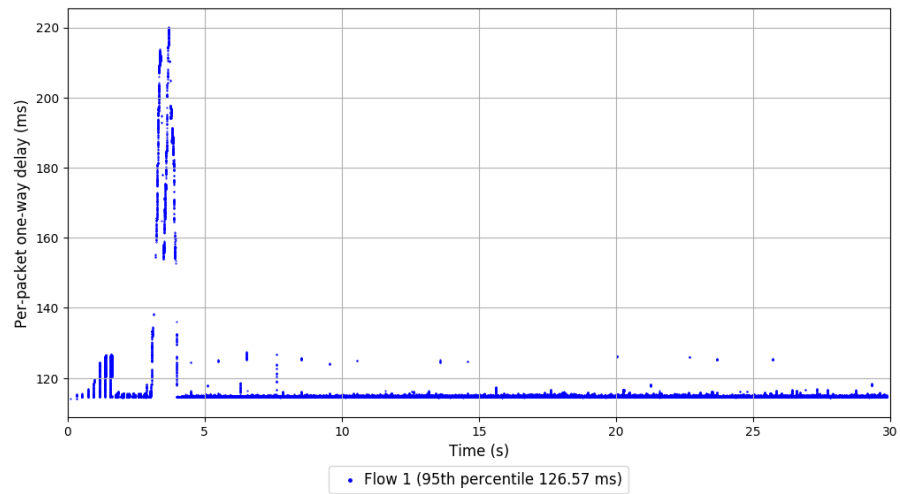
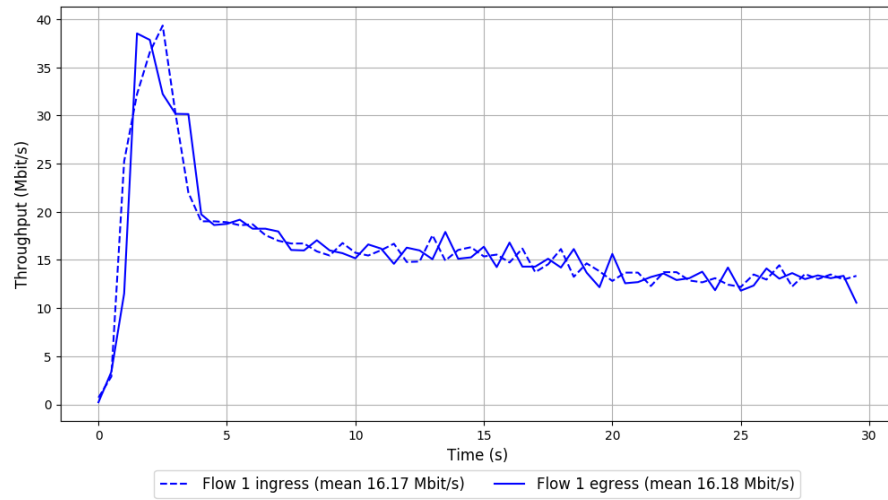


Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 06:36:14
End at: 2017-09-03 06:36:44
Local clock offset: -3.606 ms
Remote clock offset: -28.99 ms

Below is generated by plot.py at 2017-09-03 11:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 126.573 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 126.573 ms
Loss rate: 0.57%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-09-03 06:55:07

End at: 2017-09-03 06:55:37

Local clock offset: -3.984 ms

Remote clock offset: 29.89 ms

Below is generated by plot.py at 2017-09-03 11:40:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.35 Mbit/s

95th percentile per-packet one-way delay: 157.036 ms

Loss rate: 1.56%

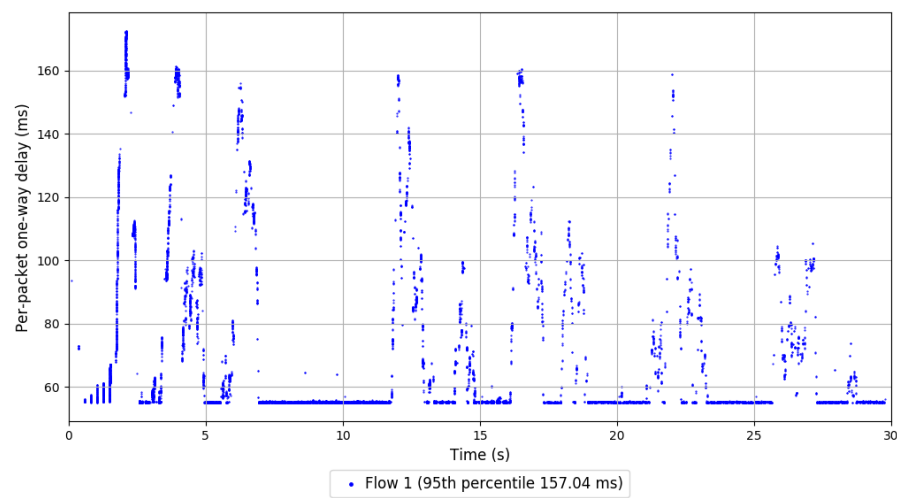
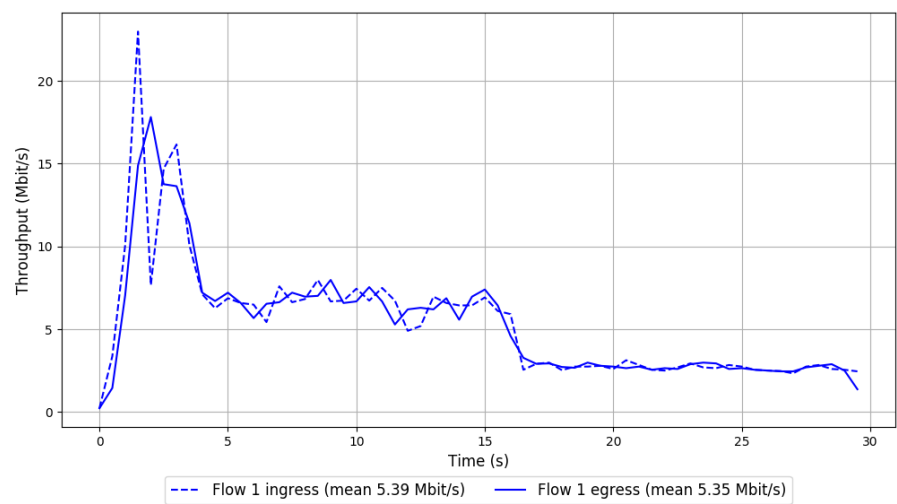
-- Flow 1:

Average throughput: 5.35 Mbit/s

95th percentile per-packet one-way delay: 157.036 ms

Loss rate: 1.56%

Run 6: Report of TCP Vegas — Data Link

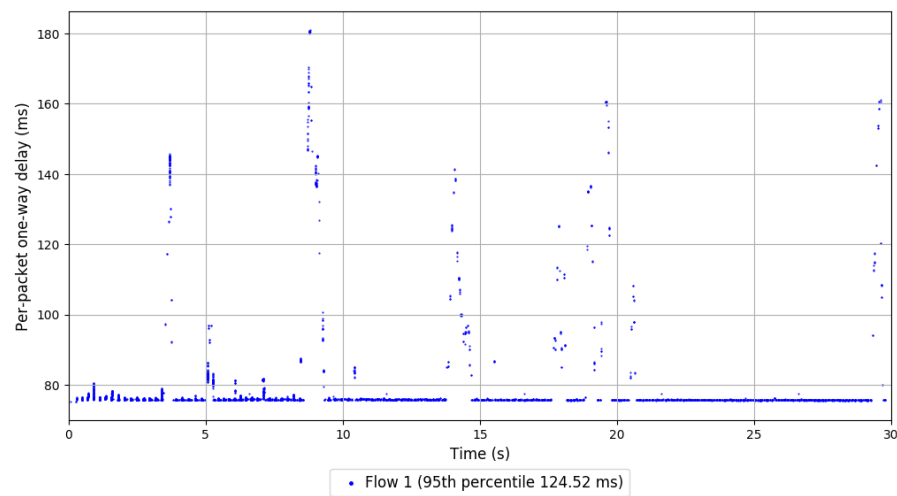
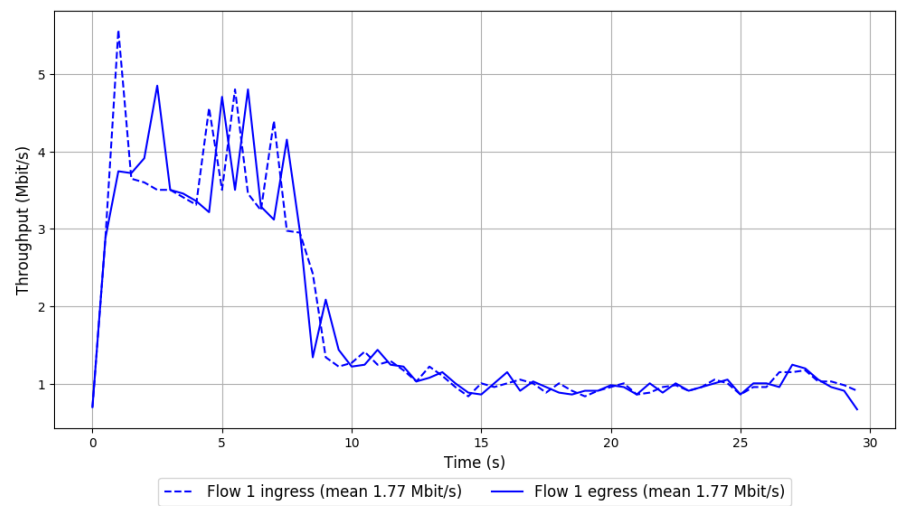


Run 7: Statistics of TCP Vegas

Start at: 2017-09-03 07:13:54
End at: 2017-09-03 07:14:24
Local clock offset: 16.688 ms
Remote clock offset: 29.191 ms

Below is generated by plot.py at 2017-09-03 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 124.521 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 124.521 ms
Loss rate: 0.61%

Run 7: Report of TCP Vegas — Data Link

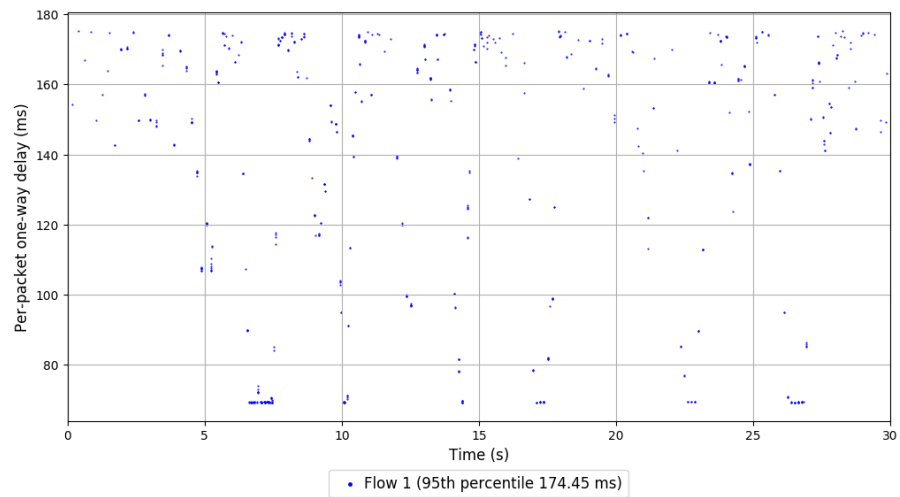
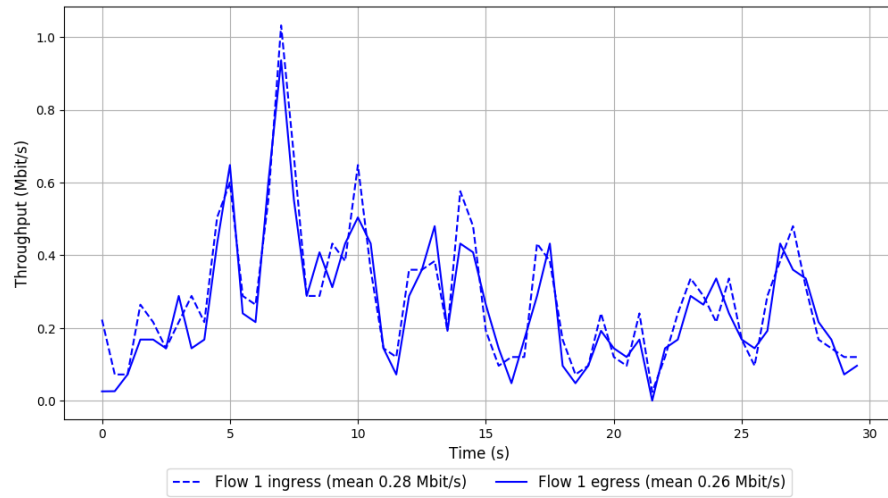


Run 8: Statistics of TCP Vegas

Start at: 2017-09-03 07:32:28
End at: 2017-09-03 07:32:58
Local clock offset: -1.374 ms
Remote clock offset: -3.776 ms

Below is generated by plot.py at 2017-09-03 11:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 174.450 ms
Loss rate: 8.56%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 174.450 ms
Loss rate: 8.56%

Run 8: Report of TCP Vegas — Data Link

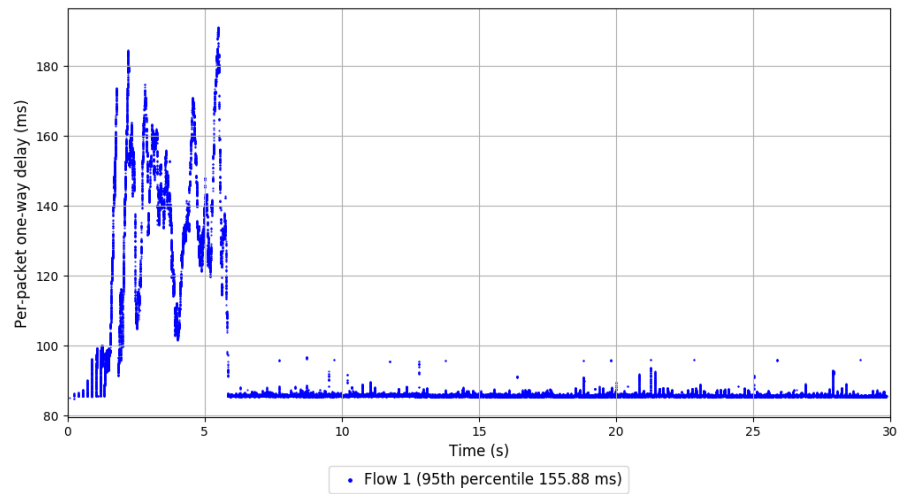
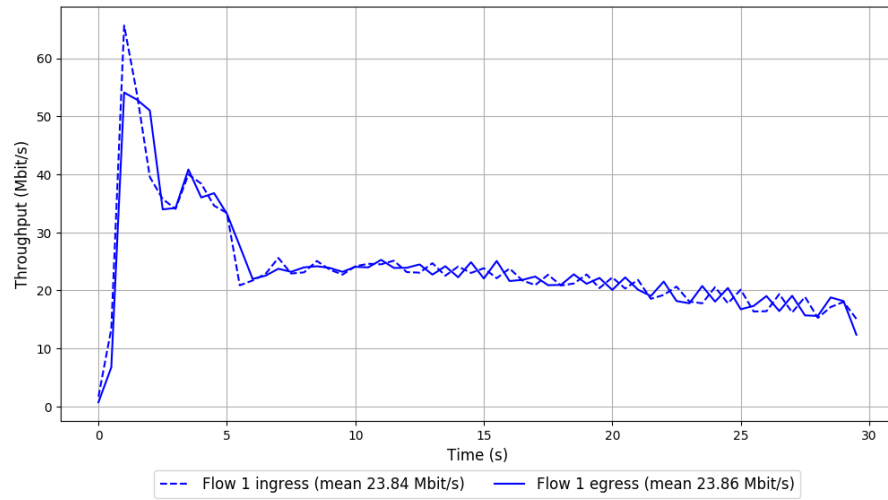


Run 9: Statistics of TCP Vegas

Start at: 2017-09-03 07:50:59
End at: 2017-09-03 07:51:29
Local clock offset: -2.312 ms
Remote clock offset: -4.057 ms

Below is generated by plot.py at 2017-09-03 11:40:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 155.879 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 155.879 ms
Loss rate: 0.36%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-03 08:09:11

End at: 2017-09-03 08:09:41

Local clock offset: -0.786 ms

Remote clock offset: -3.74 ms

Below is generated by plot.py at 2017-09-03 11:40:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.89 Mbit/s

95th percentile per-packet one-way delay: 128.607 ms

Loss rate: 0.48%

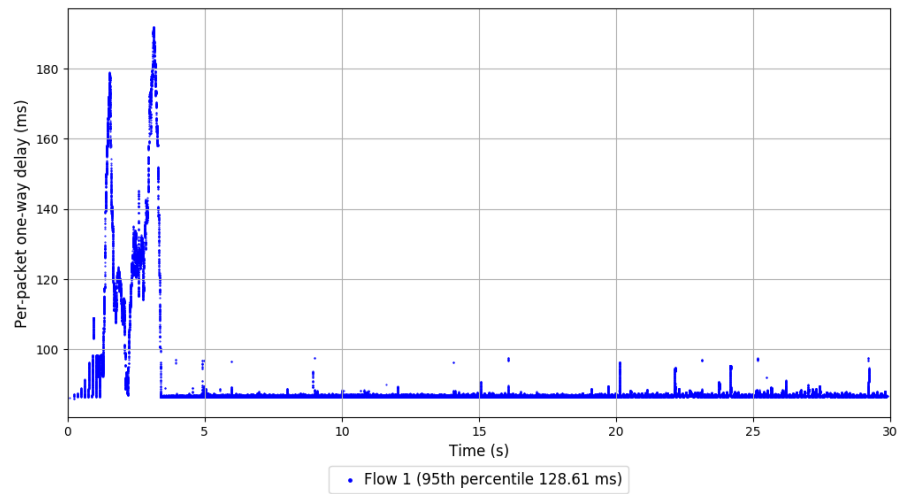
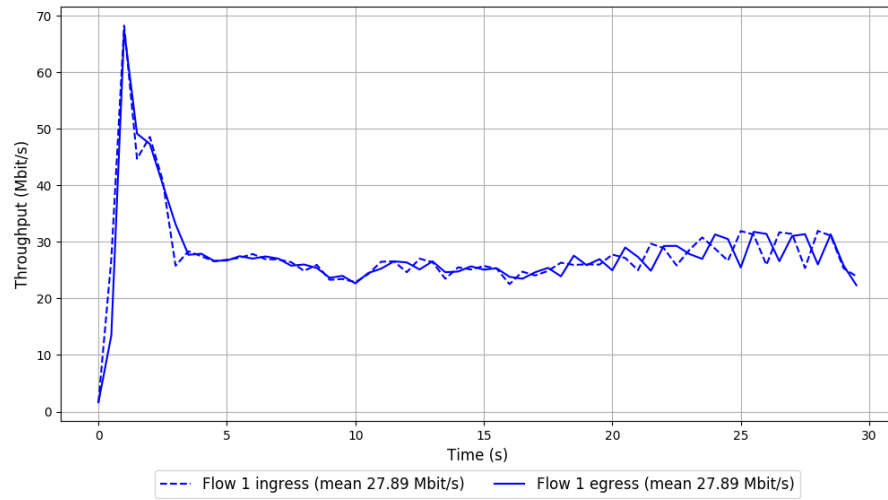
-- Flow 1:

Average throughput: 27.89 Mbit/s

95th percentile per-packet one-way delay: 128.607 ms

Loss rate: 0.48%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-09-03 05:27:43

End at: 2017-09-03 05:28:13

Local clock offset: -3.919 ms

Remote clock offset: 0.103 ms

Below is generated by plot.py at 2017-09-03 11:40:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.69 Mbit/s

95th percentile per-packet one-way delay: 175.944 ms

Loss rate: 2.83%

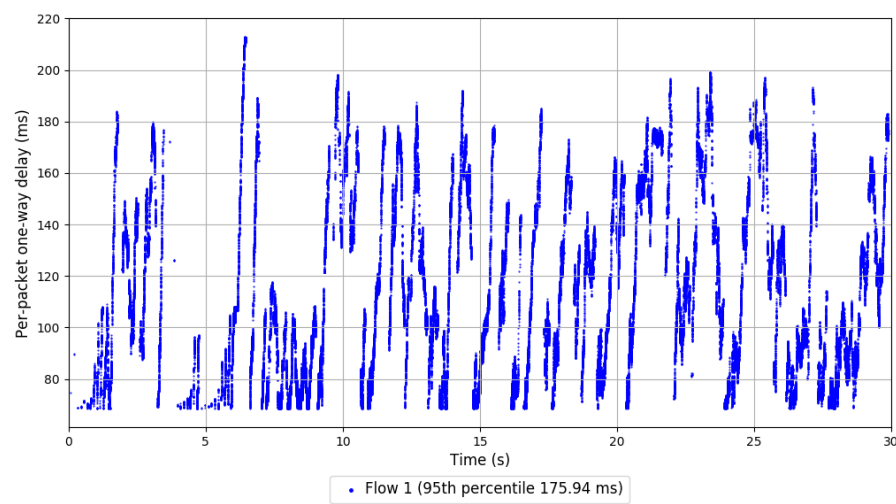
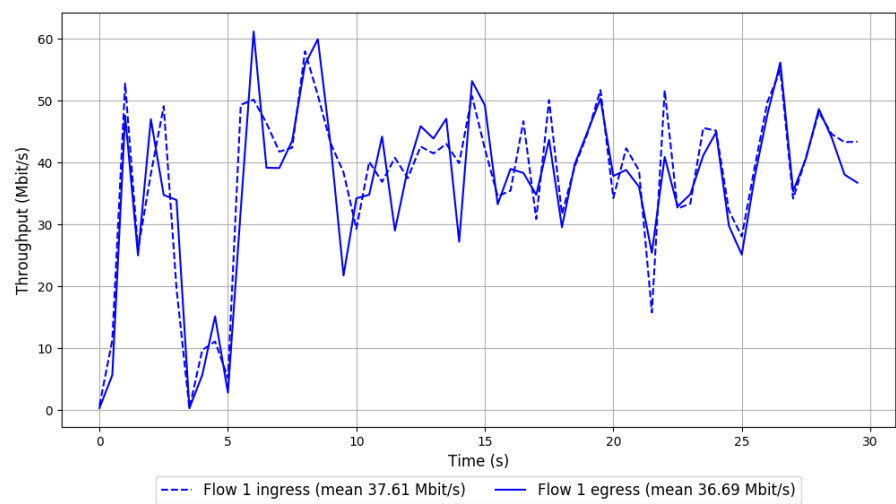
-- Flow 1:

Average throughput: 36.69 Mbit/s

95th percentile per-packet one-way delay: 175.944 ms

Loss rate: 2.83%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-09-03 05:45:51

End at: 2017-09-03 05:46:21

Local clock offset: 18.412 ms

Remote clock offset: 0.068 ms

Below is generated by plot.py at 2017-09-03 11:40:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.69 Mbit/s

95th percentile per-packet one-way delay: 200.197 ms

Loss rate: 2.14%

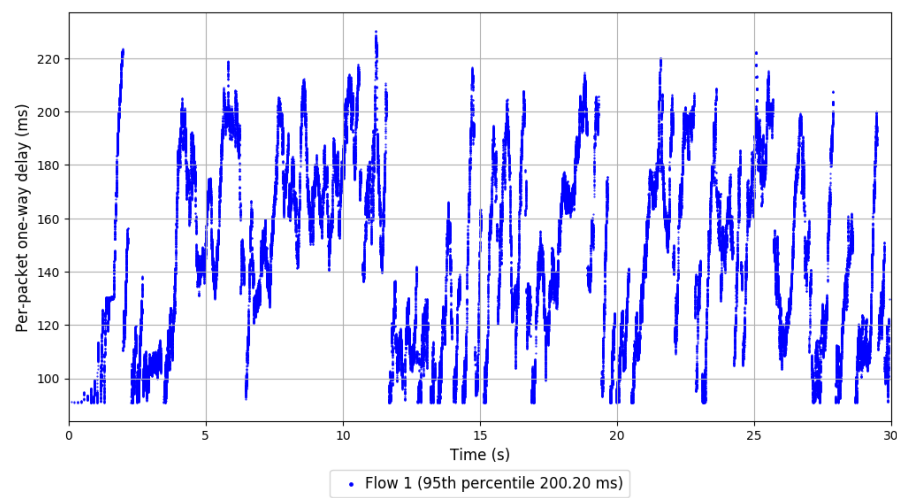
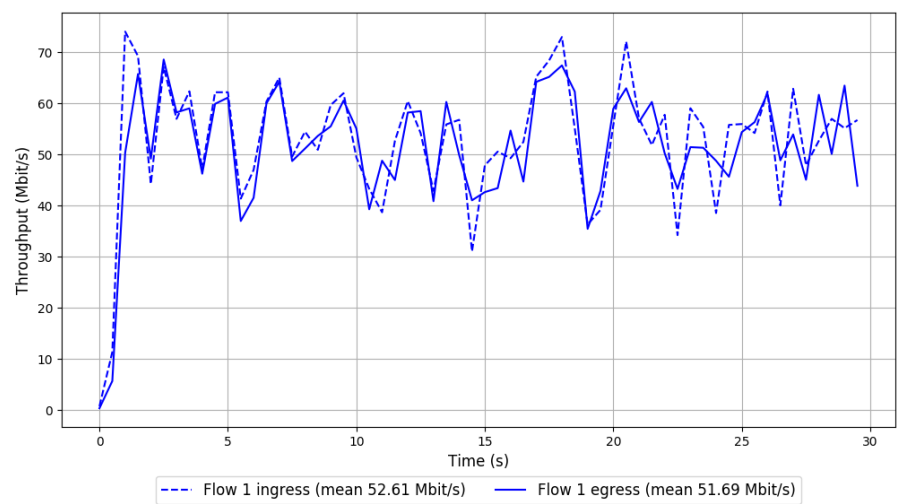
-- Flow 1:

Average throughput: 51.69 Mbit/s

95th percentile per-packet one-way delay: 200.197 ms

Loss rate: 2.14%

Run 2: Report of Verus — Data Link

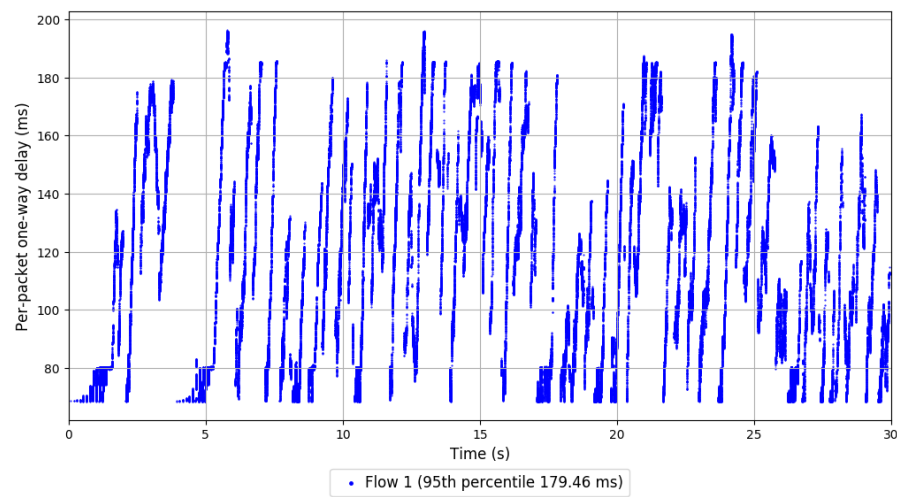
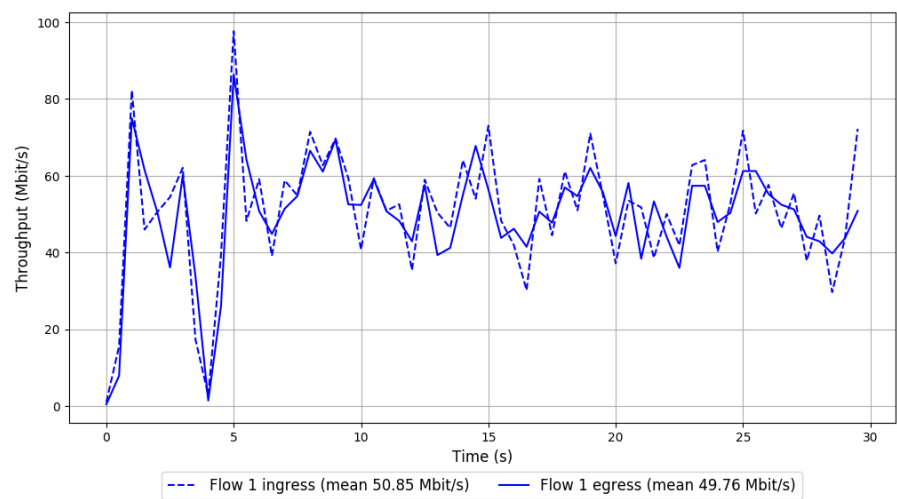


Run 3: Statistics of Verus

Start at: 2017-09-03 06:03:53
End at: 2017-09-03 06:04:23
Local clock offset: -3.819 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2017-09-03 11:40:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.76 Mbit/s
95th percentile per-packet one-way delay: 179.460 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 49.76 Mbit/s
95th percentile per-packet one-way delay: 179.460 ms
Loss rate: 2.40%

Run 3: Report of Verus — Data Link

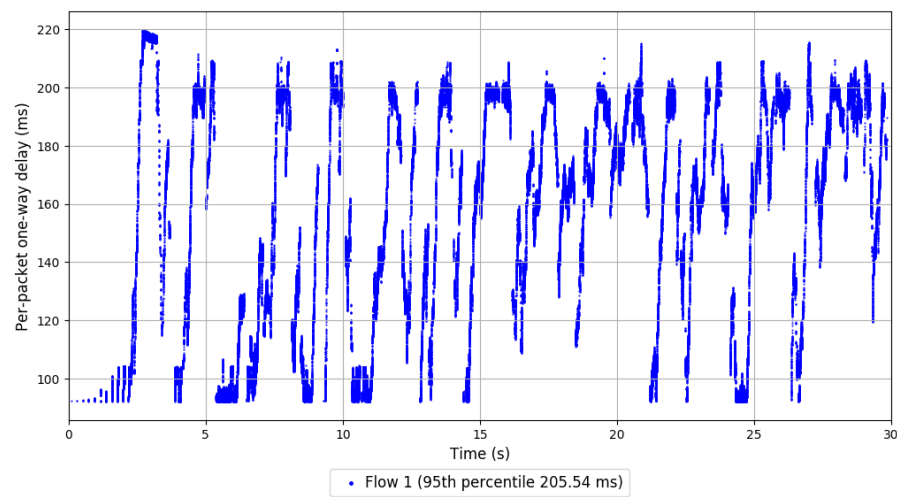
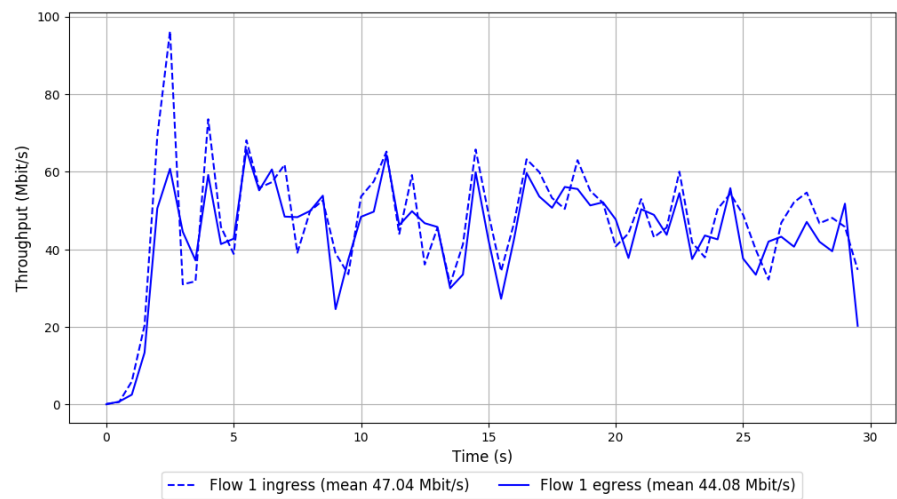


Run 4: Statistics of Verus

Start at: 2017-09-03 06:22:25
End at: 2017-09-03 06:22:55
Local clock offset: -3.482 ms
Remote clock offset: -6.715 ms

Below is generated by plot.py at 2017-09-03 11:40:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 205.542 ms
Loss rate: 6.93%
-- Flow 1:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 205.542 ms
Loss rate: 6.93%

Run 4: Report of Verus — Data Link

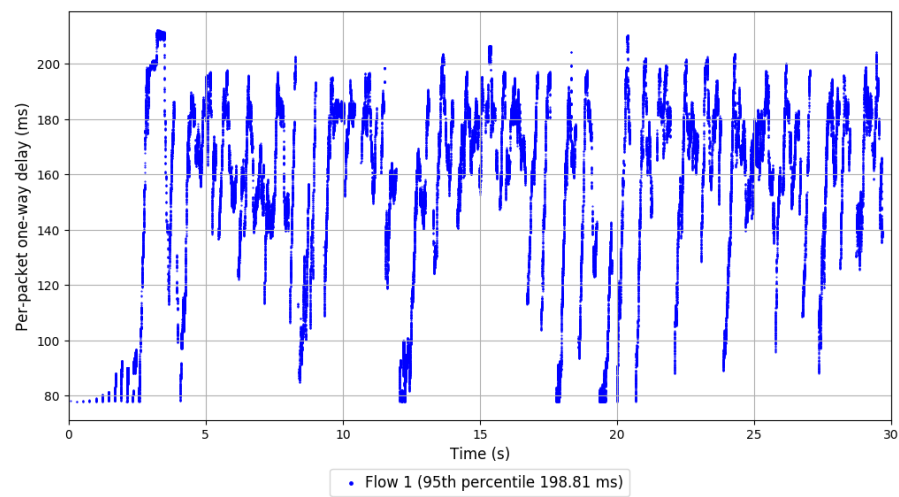
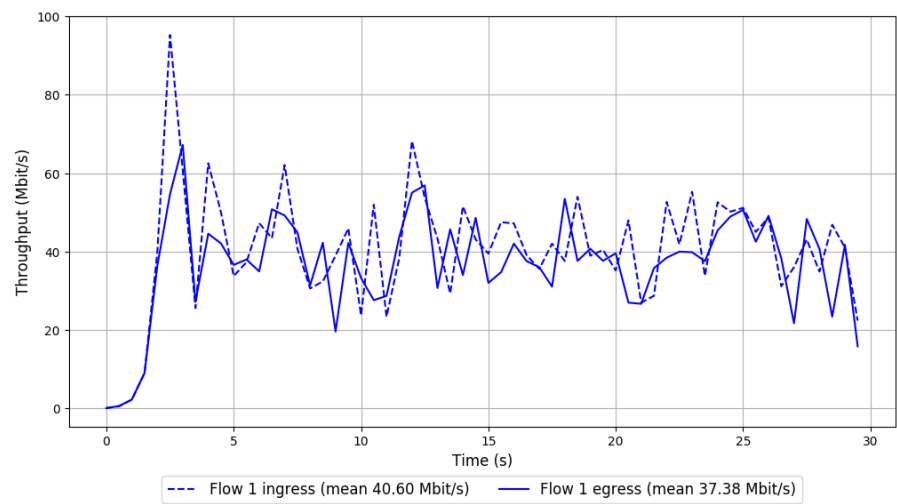


Run 5: Statistics of Verus

Start at: 2017-09-03 06:41:13
End at: 2017-09-03 06:41:43
Local clock offset: 19.292 ms
Remote clock offset: 30.283 ms

Below is generated by plot.py at 2017-09-03 11:40:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 198.815 ms
Loss rate: 9.03%
-- Flow 1:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 198.815 ms
Loss rate: 9.03%

Run 5: Report of Verus — Data Link

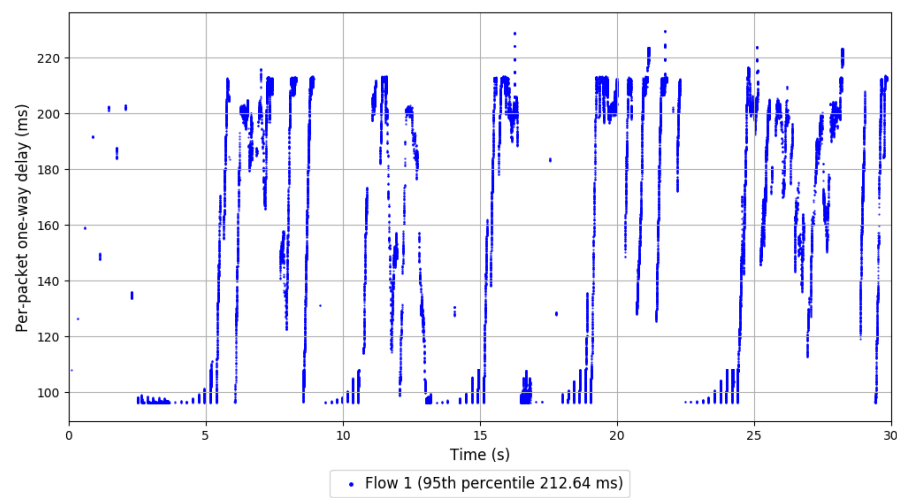
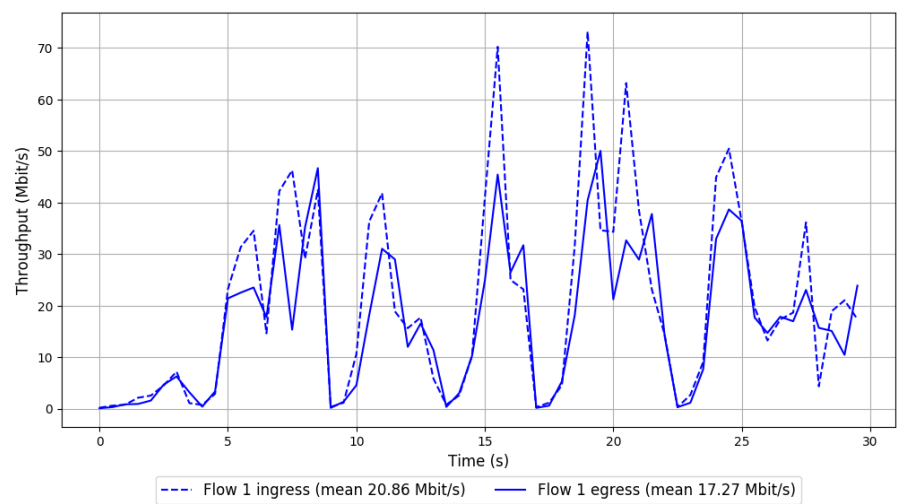


Run 6: Statistics of Verus

Start at: 2017-09-03 07:00:09
End at: 2017-09-03 07:00:39
Local clock offset: -3.957 ms
Remote clock offset: -28.03 ms

Below is generated by plot.py at 2017-09-03 11:40:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 212.640 ms
Loss rate: 16.92%
-- Flow 1:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 212.640 ms
Loss rate: 16.92%

Run 6: Report of Verus — Data Link

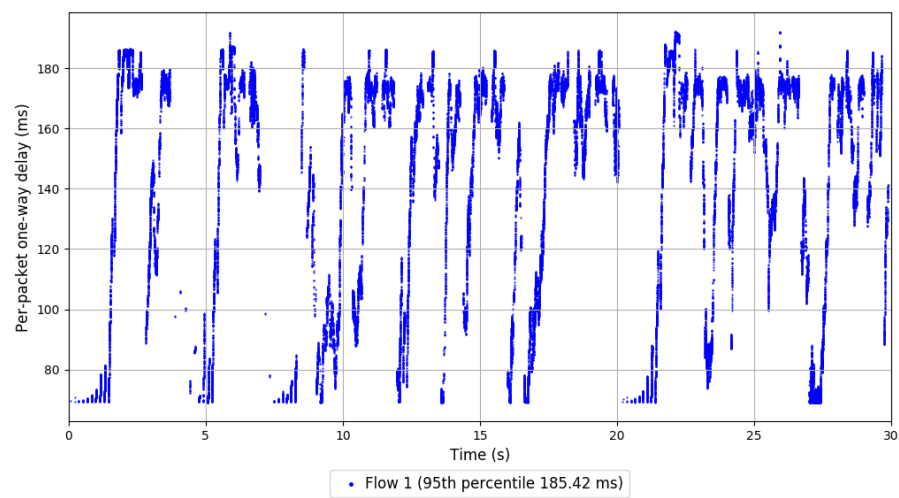
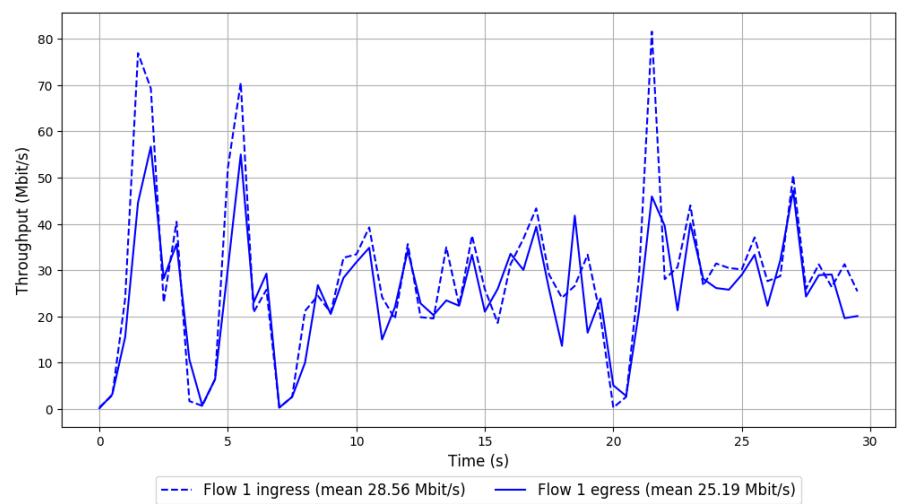


Run 7: Statistics of Verus

Start at: 2017-09-03 07:18:45
End at: 2017-09-03 07:19:15
Local clock offset: -2.042 ms
Remote clock offset: -2.656 ms

Below is generated by plot.py at 2017-09-03 11:40:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.19 Mbit/s
95th percentile per-packet one-way delay: 185.416 ms
Loss rate: 12.21%
-- Flow 1:
Average throughput: 25.19 Mbit/s
95th percentile per-packet one-way delay: 185.416 ms
Loss rate: 12.21%

Run 7: Report of Verus — Data Link

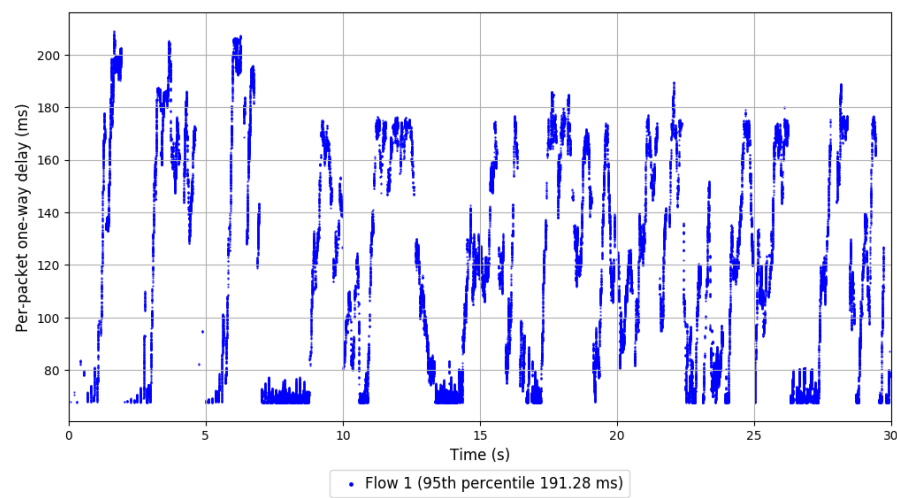
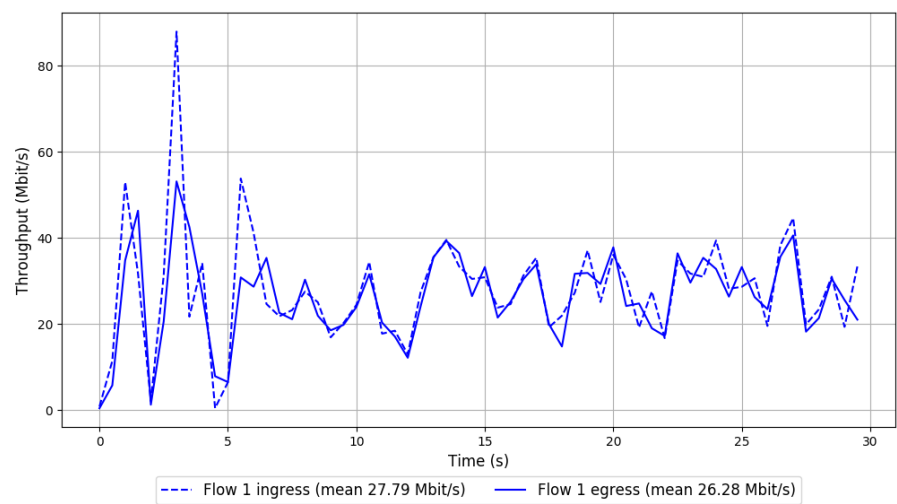


Run 8: Statistics of Verus

Start at: 2017-09-03 07:37:31
End at: 2017-09-03 07:38:01
Local clock offset: -2.708 ms
Remote clock offset: -3.815 ms

Below is generated by plot.py at 2017-09-03 11:40:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.28 Mbit/s
95th percentile per-packet one-way delay: 191.280 ms
Loss rate: 5.80%
-- Flow 1:
Average throughput: 26.28 Mbit/s
95th percentile per-packet one-way delay: 191.280 ms
Loss rate: 5.80%

Run 8: Report of Verus — Data Link

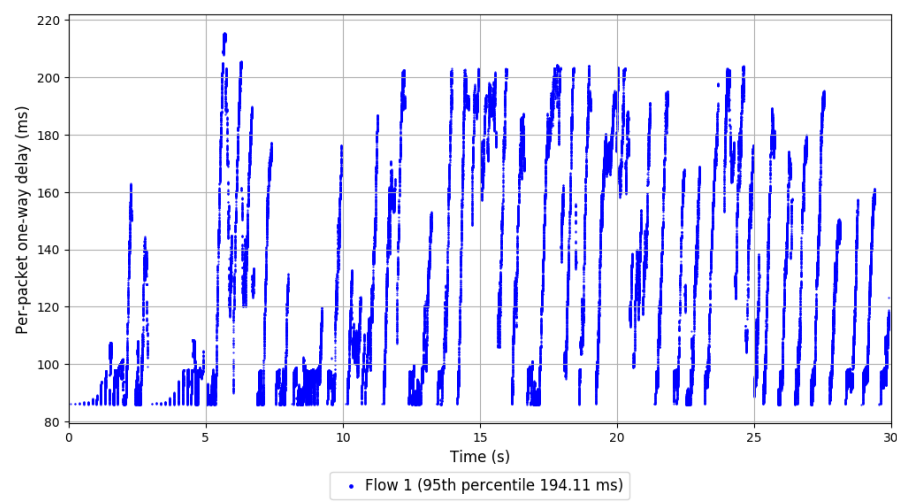
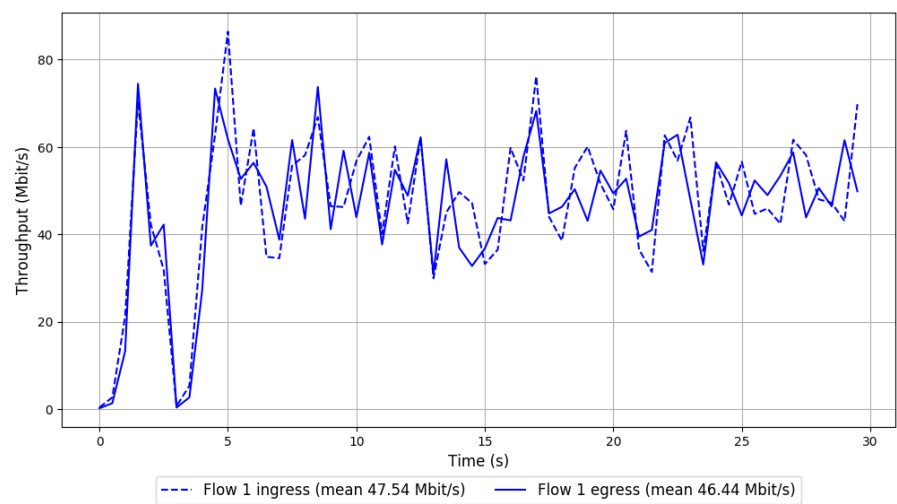


Run 9: Statistics of Verus

Start at: 2017-09-03 07:55:51
End at: 2017-09-03 07:56:21
Local clock offset: -2.162 ms
Remote clock offset: -4.194 ms

Below is generated by plot.py at 2017-09-03 11:40:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.44 Mbit/s
95th percentile per-packet one-way delay: 194.108 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 46.44 Mbit/s
95th percentile per-packet one-way delay: 194.108 ms
Loss rate: 2.54%

Run 9: Report of Verus — Data Link

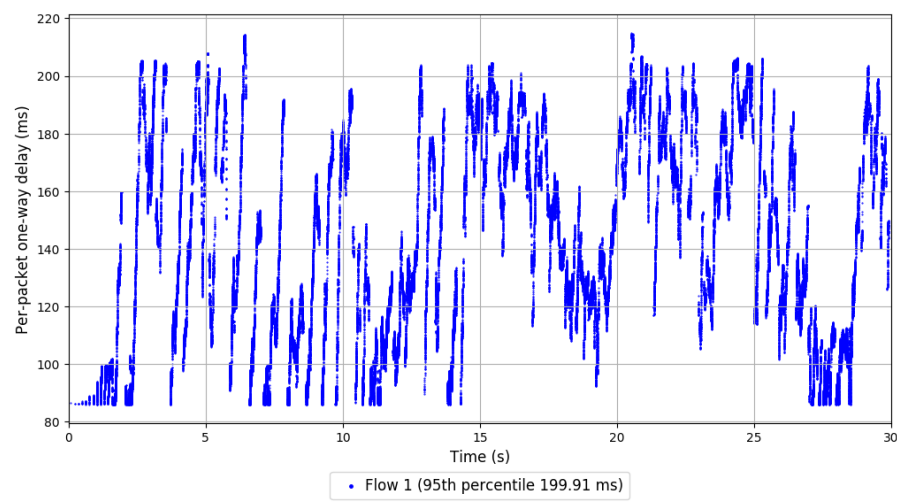
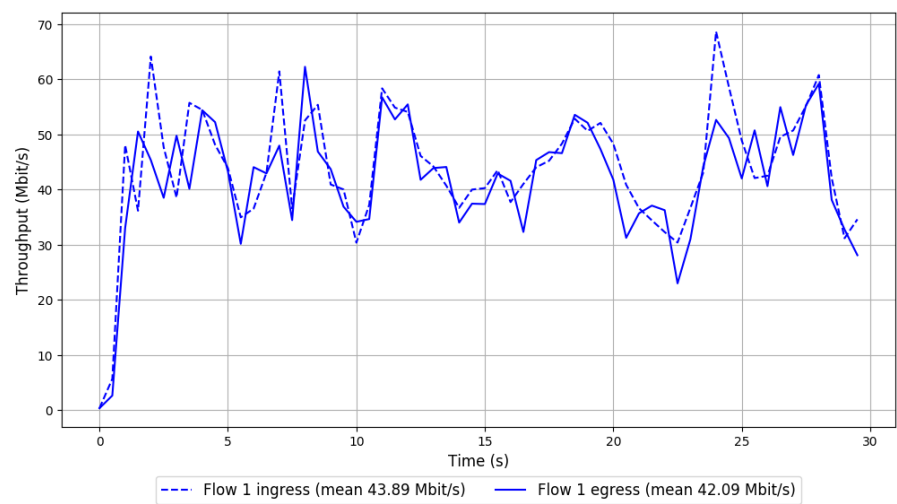


Run 10: Statistics of Verus

Start at: 2017-09-03 08:14:07
End at: 2017-09-03 08:14:37
Local clock offset: -2.144 ms
Remote clock offset: -3.418 ms

Below is generated by plot.py at 2017-09-03 11:40:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.09 Mbit/s
95th percentile per-packet one-way delay: 199.912 ms
Loss rate: 4.54%
-- Flow 1:
Average throughput: 42.09 Mbit/s
95th percentile per-packet one-way delay: 199.912 ms
Loss rate: 4.54%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-03 05:28:57

End at: 2017-09-03 05:29:27

Local clock offset: -3.932 ms

Remote clock offset: 0.116 ms

Below is generated by plot.py at 2017-09-03 11:40:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.38 Mbit/s

95th percentile per-packet one-way delay: 76.619 ms

Loss rate: 5.19%

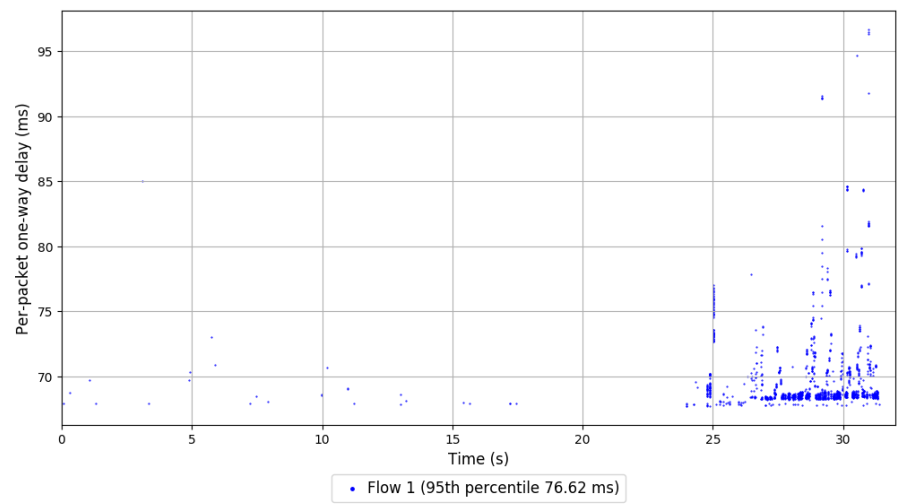
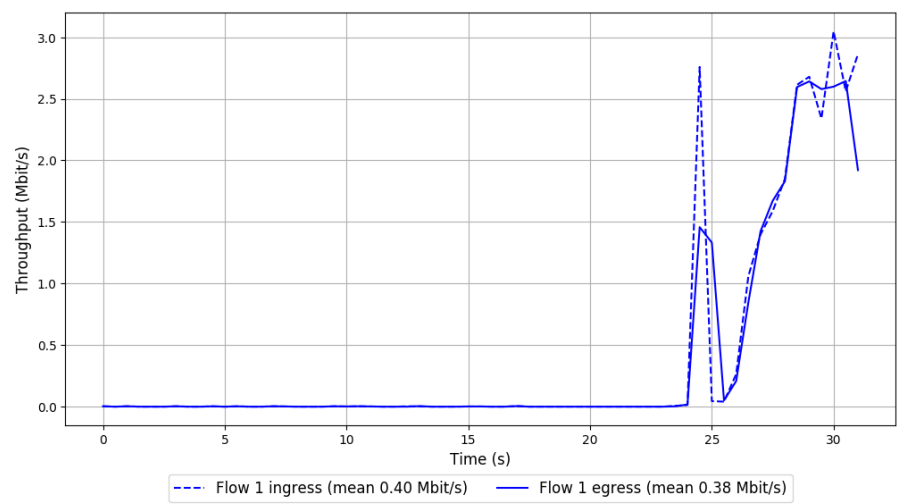
-- Flow 1:

Average throughput: 0.38 Mbit/s

95th percentile per-packet one-way delay: 76.619 ms

Loss rate: 5.19%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

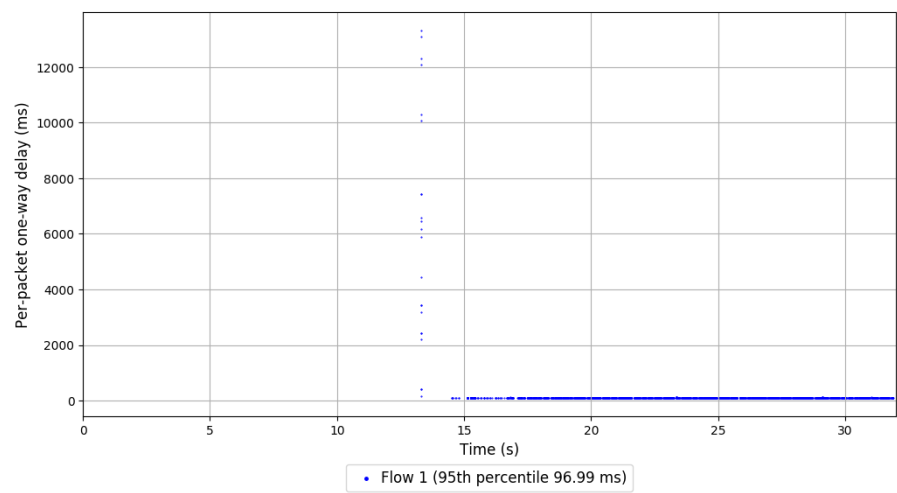
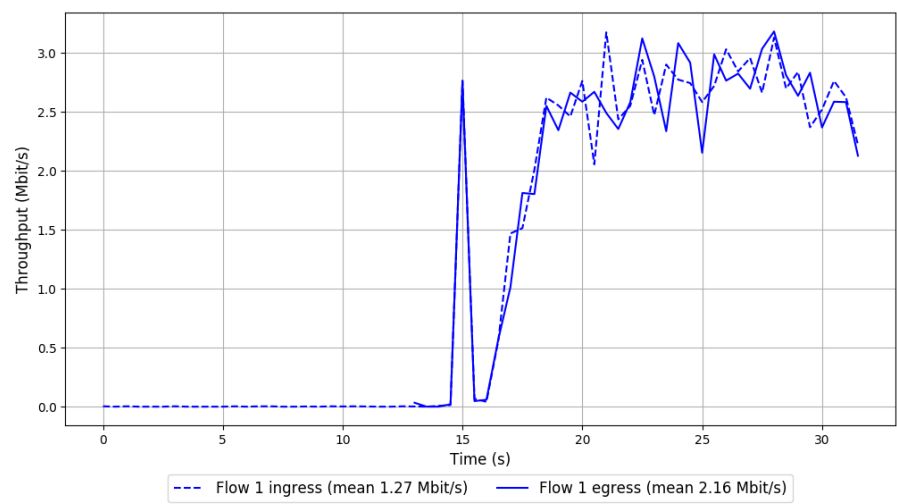
Start at: 2017-09-03 05:47:08

End at: 2017-09-03 05:47:38

Local clock offset: 19.95 ms

Remote clock offset: 0.119 ms

Run 2: Report of WebRTC media — Data Link

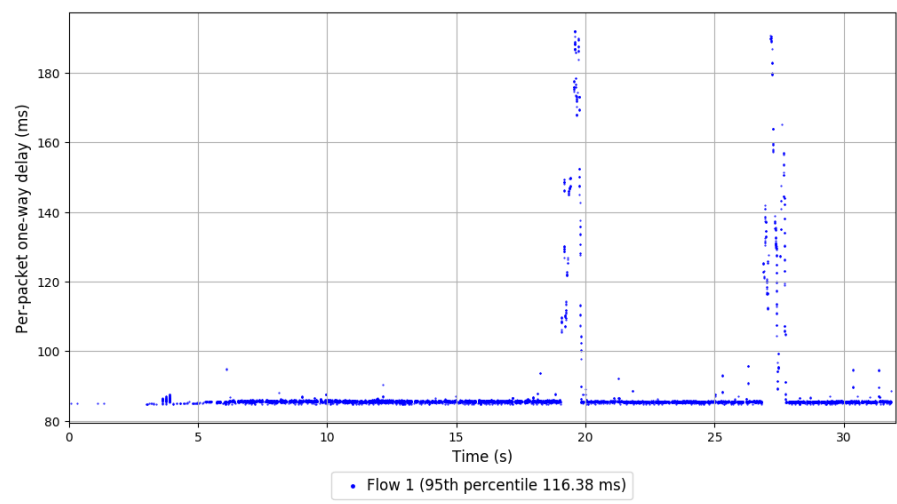
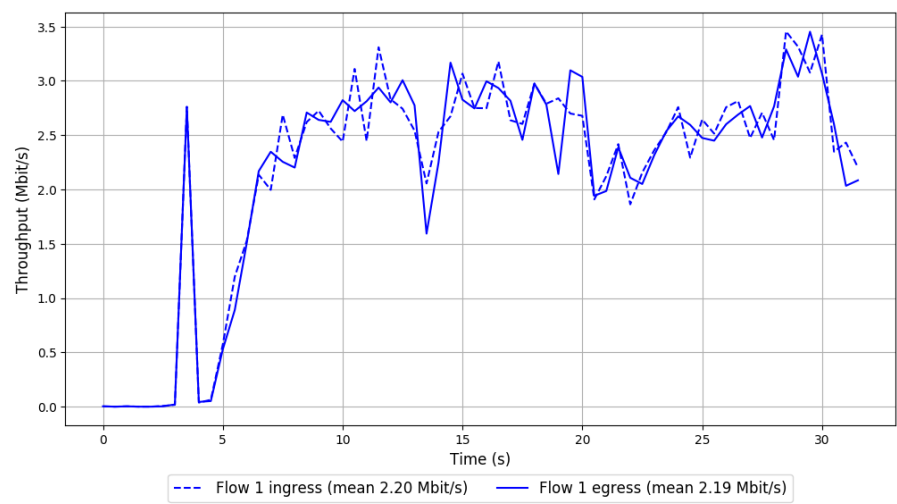


Run 3: Statistics of WebRTC media

Start at: 2017-09-03 06:05:08
End at: 2017-09-03 06:05:38
Local clock offset: -3.782 ms
Remote clock offset: -0.223 ms

Below is generated by plot.py at 2017-09-03 11:40:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 116.379 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 116.379 ms
Loss rate: 0.75%

Run 3: Report of WebRTC media — Data Link

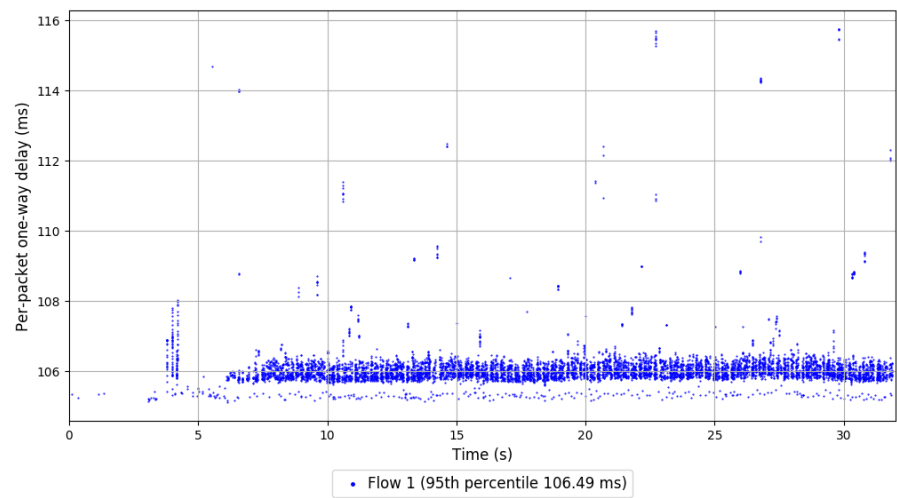
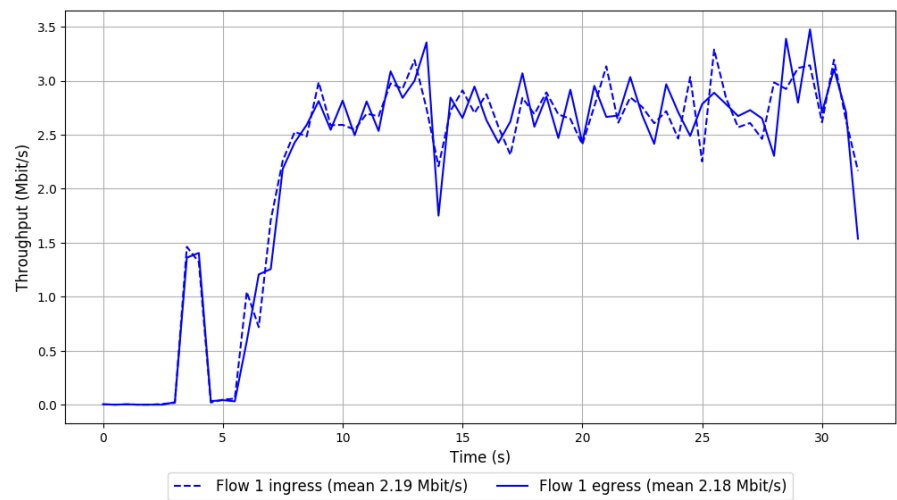


Run 4: Statistics of WebRTC media

Start at: 2017-09-03 06:23:43
End at: 2017-09-03 06:24:13
Local clock offset: -1.936 ms
Remote clock offset: -35.952 ms

Below is generated by plot.py at 2017-09-03 11:40:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 106.491 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 106.491 ms
Loss rate: 0.74%

Run 4: Report of WebRTC media — Data Link

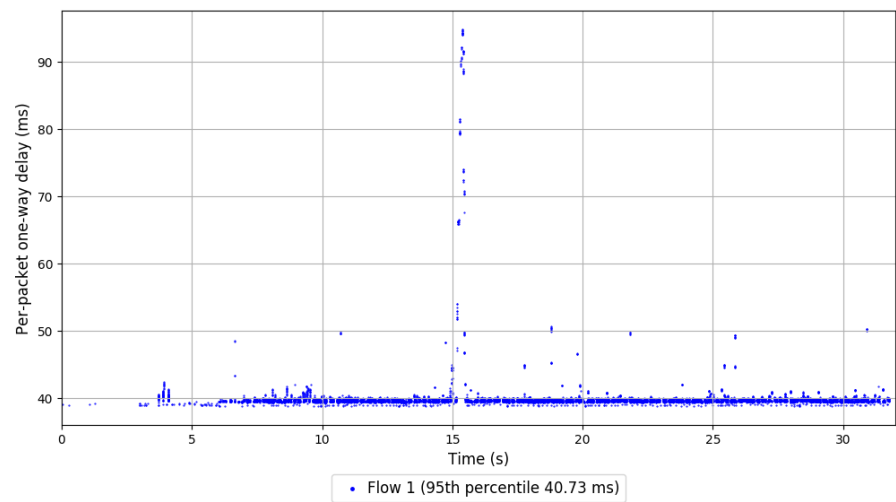
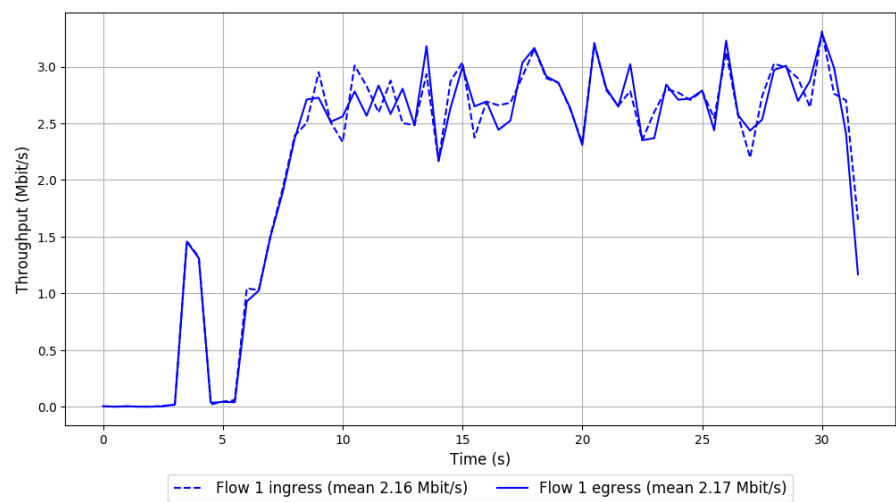


Run 5: Statistics of WebRTC media

Start at: 2017-09-03 06:42:31
End at: 2017-09-03 06:43:01
Local clock offset: -2.4 ms
Remote clock offset: 30.124 ms

Below is generated by plot.py at 2017-09-03 11:40:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 40.729 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 40.729 ms
Loss rate: 0.56%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

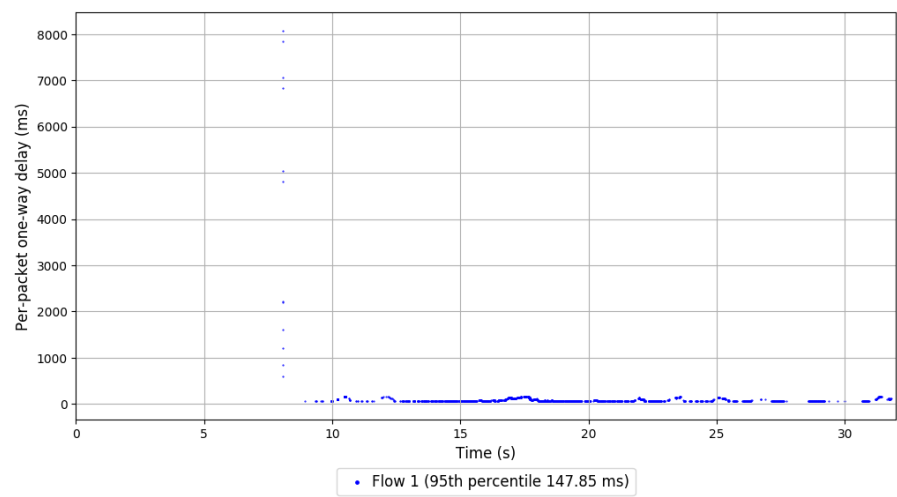
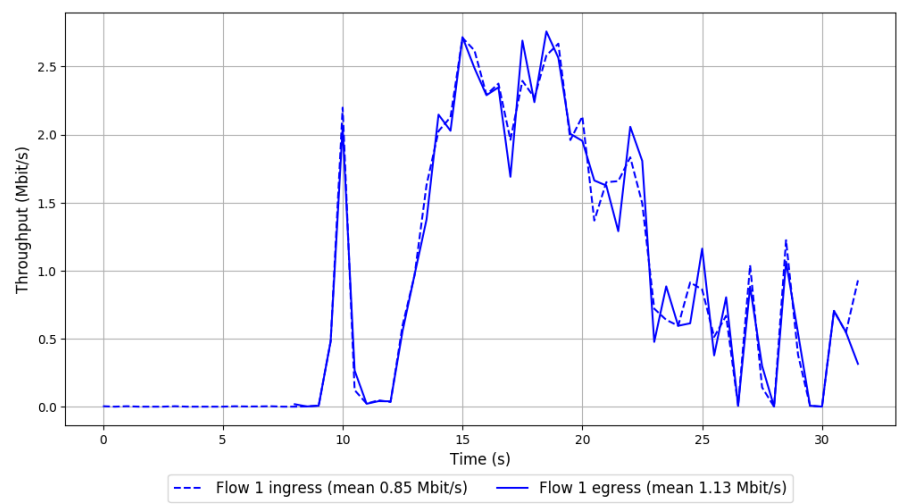
Start at: 2017-09-03 07:01:25

End at: 2017-09-03 07:01:55

Local clock offset: 18.675 ms

Remote clock offset: 30.144 ms

Run 6: Report of WebRTC media — Data Link

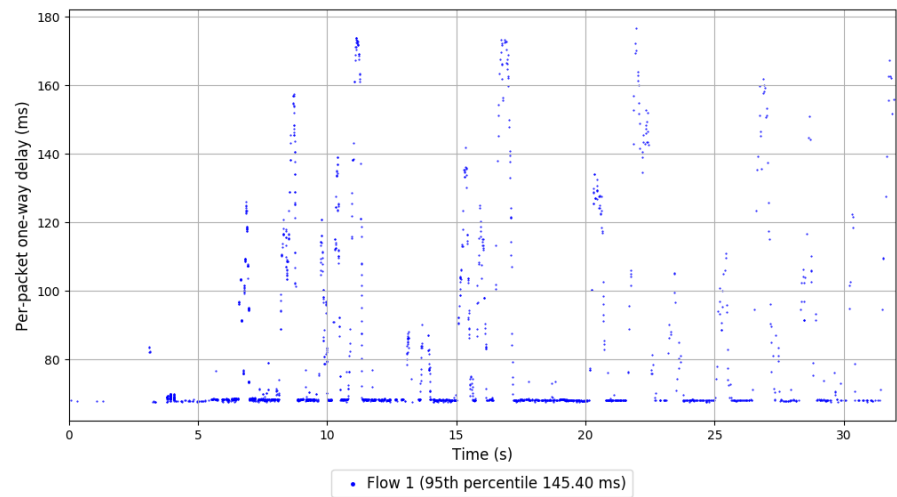
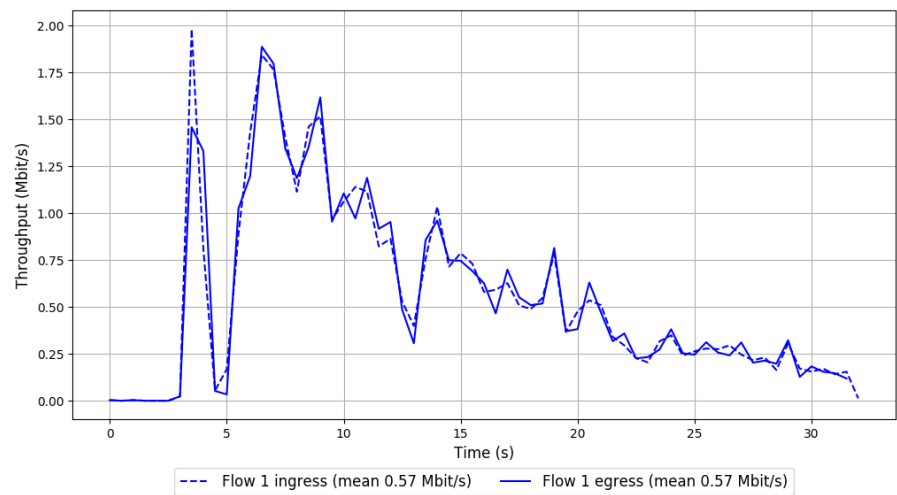


Run 7: Statistics of WebRTC media

Start at: 2017-09-03 07:19:59
End at: 2017-09-03 07:20:29
Local clock offset: -3.384 ms
Remote clock offset: -2.838 ms

Below is generated by plot.py at 2017-09-03 11:40:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 145.400 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 145.400 ms
Loss rate: 0.40%

Run 7: Report of WebRTC media — Data Link

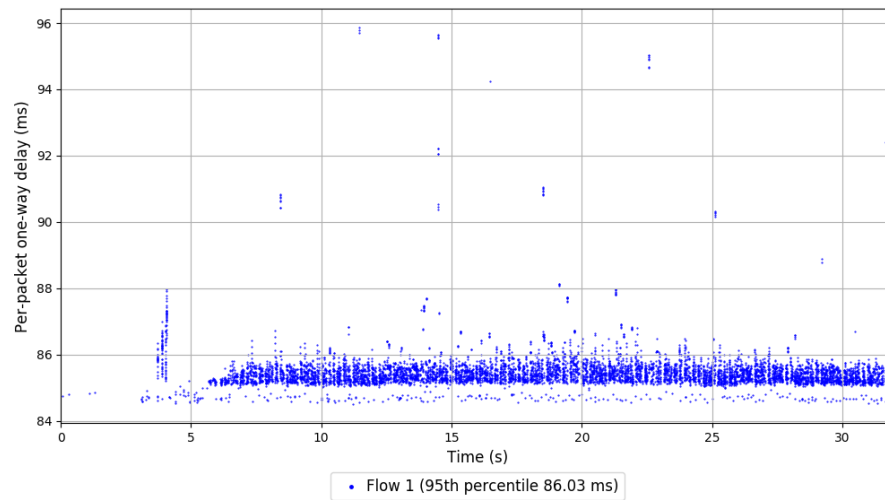
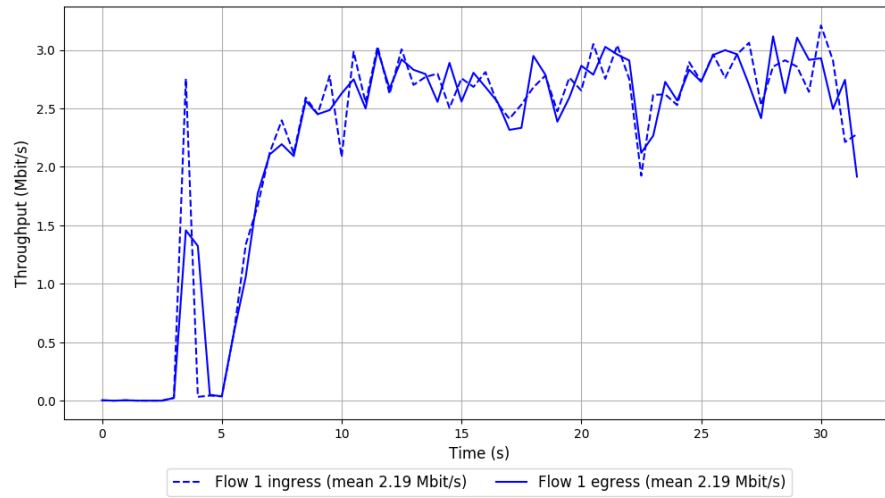


Run 8: Statistics of WebRTC media

Start at: 2017-09-03 07:38:49
End at: 2017-09-03 07:39:19
Local clock offset: -2.612 ms
Remote clock offset: -3.813 ms

Below is generated by plot.py at 2017-09-03 11:40:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 86.032 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 86.032 ms
Loss rate: 0.54%

Run 8: Report of WebRTC media — Data Link

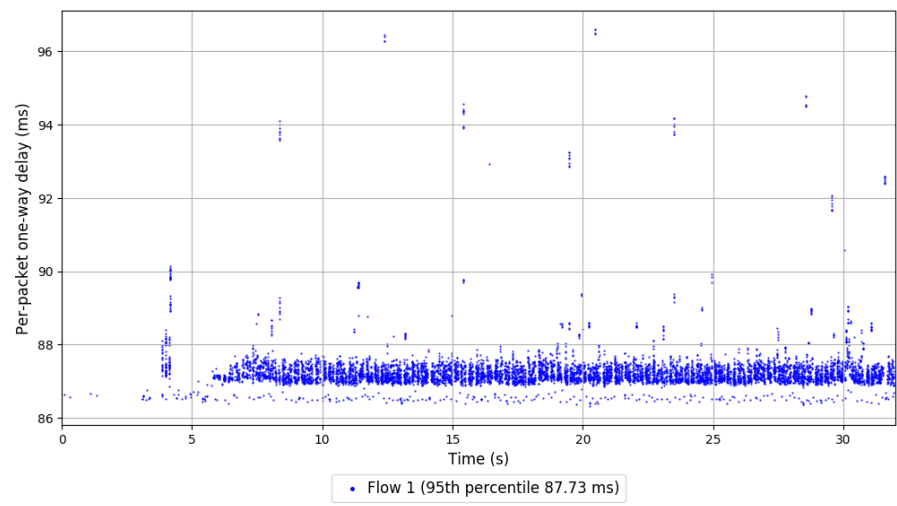
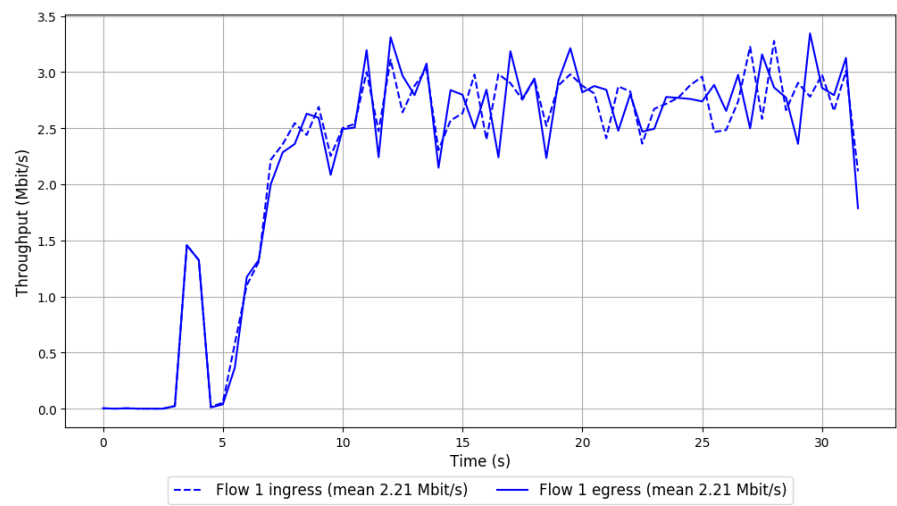


Run 9: Statistics of WebRTC media

Start at: 2017-09-03 07:57:06
End at: 2017-09-03 07:57:36
Local clock offset: -0.724 ms
Remote clock offset: -4.226 ms

Below is generated by plot.py at 2017-09-03 11:40:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 87.731 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 87.731 ms
Loss rate: 0.44%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-03 08:15:21

End at: 2017-09-03 08:15:51

Local clock offset: -2.174 ms

Remote clock offset: -3.46 ms

Below is generated by plot.py at 2017-09-03 11:40:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.18 Mbit/s

95th percentile per-packet one-way delay: 86.804 ms

Loss rate: 0.67%

-- Flow 1:

Average throughput: 2.18 Mbit/s

95th percentile per-packet one-way delay: 86.804 ms

Loss rate: 0.67%

Run 10: Report of WebRTC media — Data Link

