

Pantheon Report

Generated at 2018-01-25 12:50:24 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia Ethernet (*remote*).

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

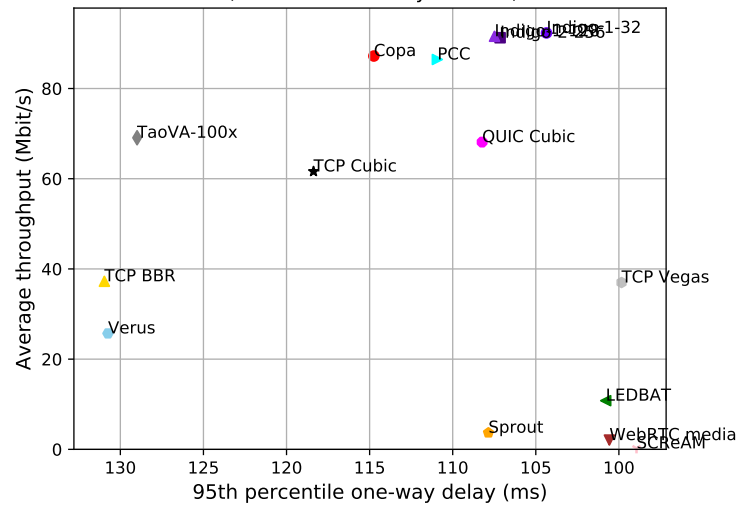
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

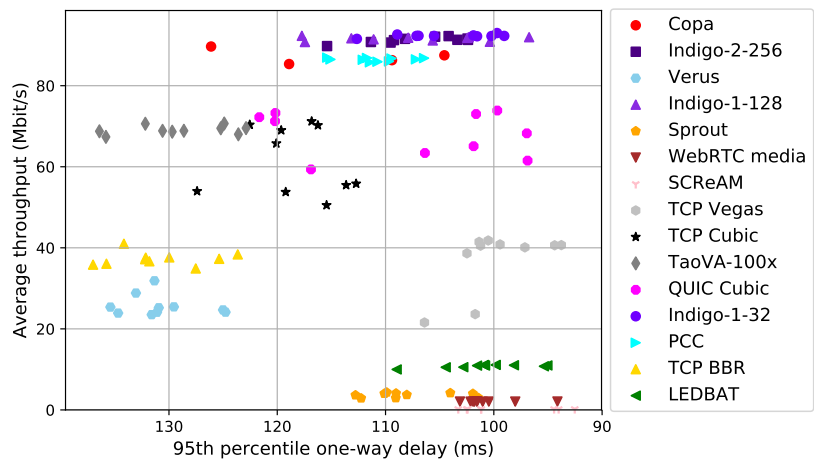
Git summary:

```
branch: master @ 636f858be90392c1dac0ee13c40fd1646f45f9e2
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme



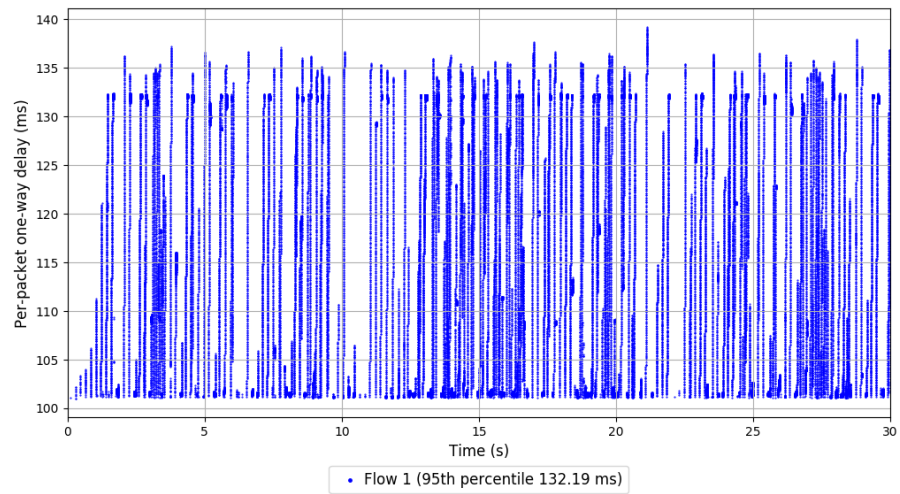
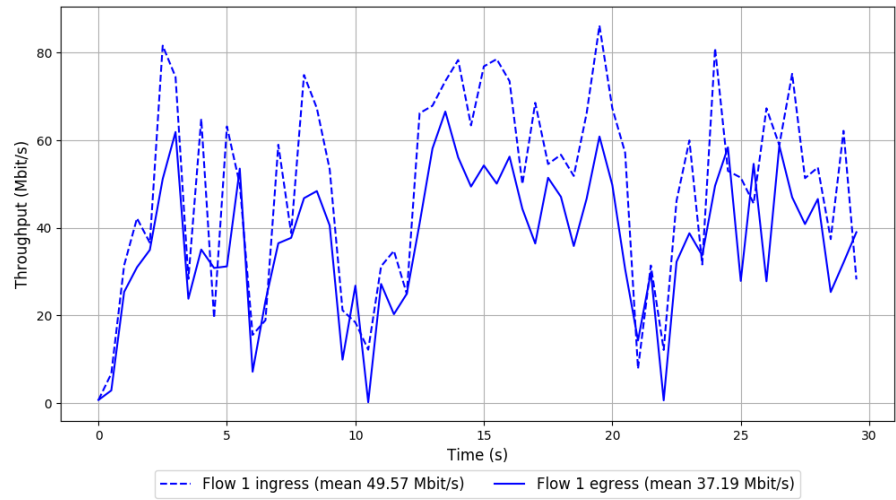
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	37.26	130.96	26.23
TCP Cubic	10	61.61	118.38	0.55
LEDBAT	10	10.79	100.79	0.00
PCC	10	86.44	110.92	1.57
QUIC Cubic	10	68.12	108.23	0.14
SCReAM	8	0.22	98.94	0.00
WebRTC media	10	2.06	100.57	0.00
Sprout	10	3.69	107.85	0.02
TaoVA-100x	10	69.08	128.99	1.05
TCP Vegas	10	36.99	99.84	0.50
Verus	10	25.70	130.75	13.61
Copa	4	87.20	114.75	6.77
Indigo-2-256	10	91.26	107.15	0.84
Indigo-1-32	10	92.32	104.36	0.70
Indigo-1-128	10	91.58	107.49	1.30

Run 1: Statistics of TCP BBR

Start at: 2018-01-25 09:03:55
End at: 2018-01-25 09:04:25
Local clock offset: -0.745 ms
Remote clock offset: -1.399 ms

Below is generated by plot.py at 2018-01-25 12:35:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 132.195 ms
Loss rate: 24.88%
-- Flow 1:
Average throughput: 37.19 Mbit/s
95th percentile per-packet one-way delay: 132.195 ms
Loss rate: 24.88%

Run 1: Report of TCP BBR — Data Link

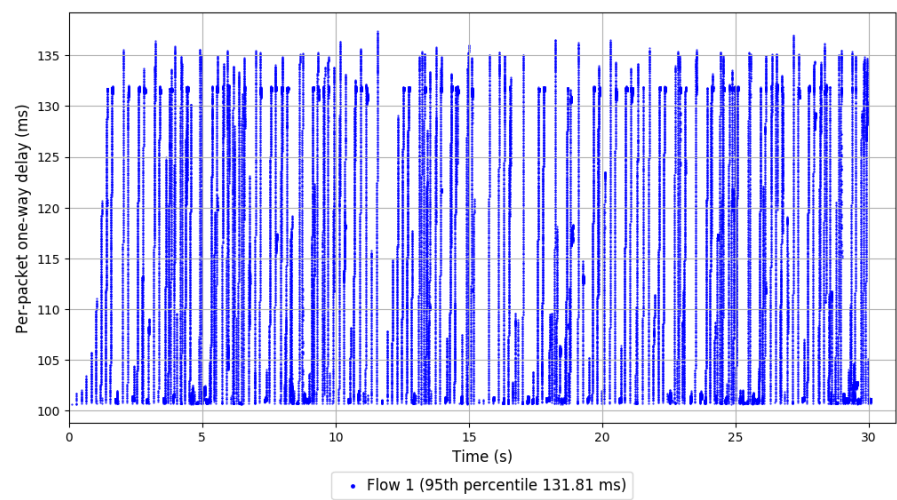
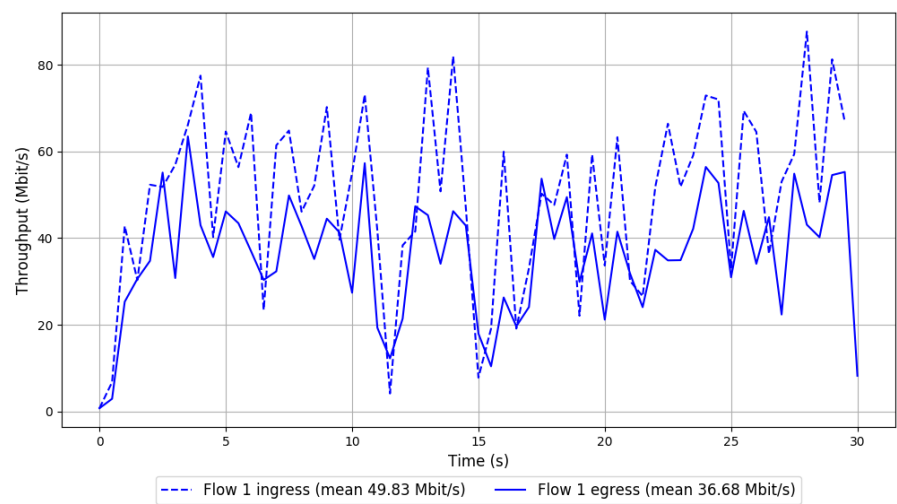


Run 2: Statistics of TCP BBR

Start at: 2018-01-25 09:23:41
End at: 2018-01-25 09:24:12
Local clock offset: -0.952 ms
Remote clock offset: -0.652 ms

Below is generated by plot.py at 2018-01-25 12:35:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 131.812 ms
Loss rate: 26.38%
-- Flow 1:
Average throughput: 36.68 Mbit/s
95th percentile per-packet one-way delay: 131.812 ms
Loss rate: 26.38%

Run 2: Report of TCP BBR — Data Link

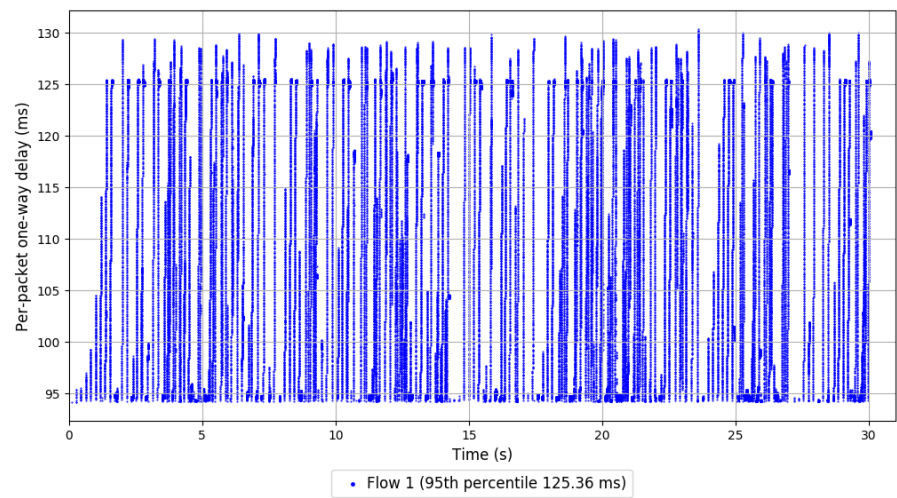
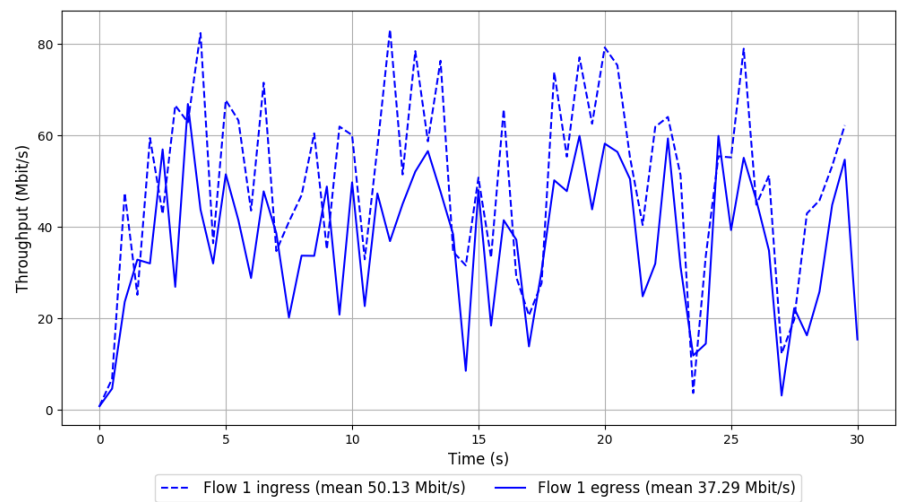


Run 3: Statistics of TCP BBR

Start at: 2018-01-25 09:43:18
End at: 2018-01-25 09:43:49
Local clock offset: -1.035 ms
Remote clock offset: -5.785 ms

Below is generated by plot.py at 2018-01-25 12:35:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.29 Mbit/s
95th percentile per-packet one-way delay: 125.364 ms
Loss rate: 25.55%
-- Flow 1:
Average throughput: 37.29 Mbit/s
95th percentile per-packet one-way delay: 125.364 ms
Loss rate: 25.55%

Run 3: Report of TCP BBR — Data Link

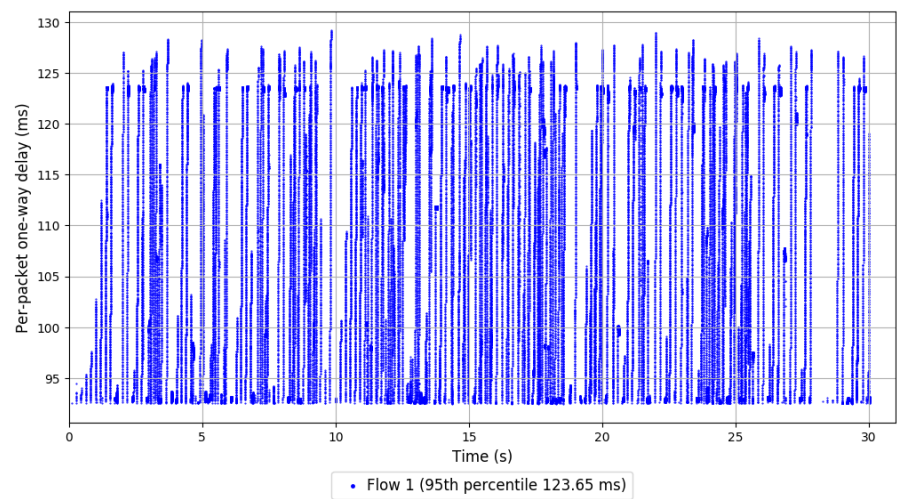
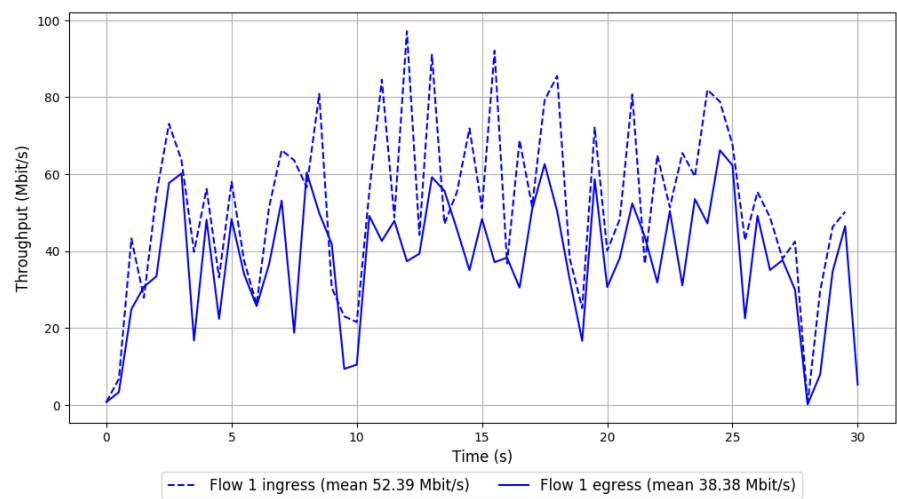


Run 4: Statistics of TCP BBR

Start at: 2018-01-25 10:03:05
End at: 2018-01-25 10:03:35
Local clock offset: -0.993 ms
Remote clock offset: -6.853 ms

Below is generated by plot.py at 2018-01-25 12:35:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.38 Mbit/s
95th percentile per-packet one-way delay: 123.649 ms
Loss rate: 26.75%
-- Flow 1:
Average throughput: 38.38 Mbit/s
95th percentile per-packet one-way delay: 123.649 ms
Loss rate: 26.75%

Run 4: Report of TCP BBR — Data Link

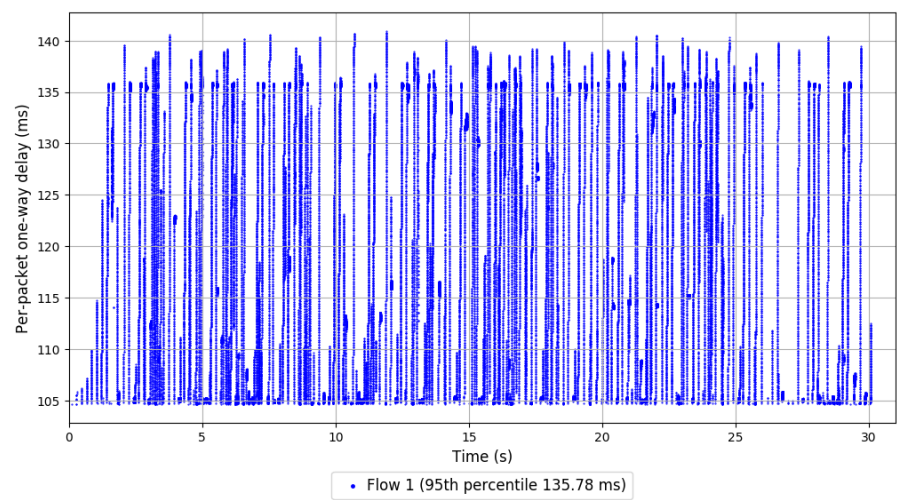
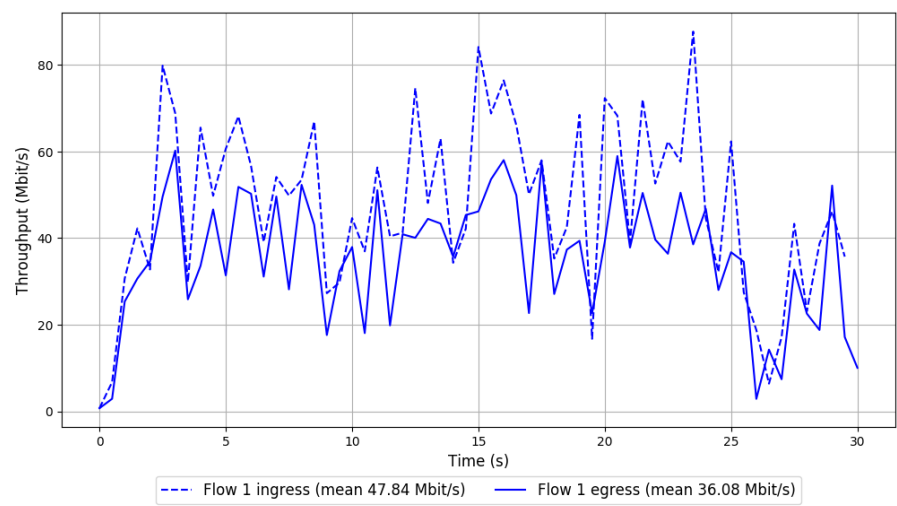


Run 5: Statistics of TCP BBR

Start at: 2018-01-25 10:22:39
End at: 2018-01-25 10:23:09
Local clock offset: -0.968 ms
Remote clock offset: -0.724 ms

Below is generated by plot.py at 2018-01-25 12:35:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 135.775 ms
Loss rate: 24.56%
-- Flow 1:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 135.775 ms
Loss rate: 24.56%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-01-25 10:42:19

End at: 2018-01-25 10:42:49

Local clock offset: -1.069 ms

Remote clock offset: 1.931 ms

Below is generated by plot.py at 2018-01-25 12:35:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.01 Mbit/s

95th percentile per-packet one-way delay: 134.163 ms

Loss rate: 26.77%

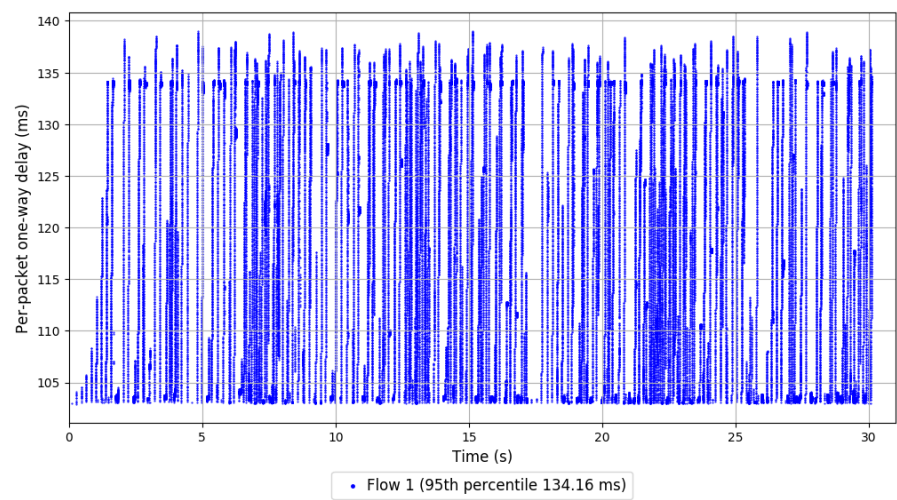
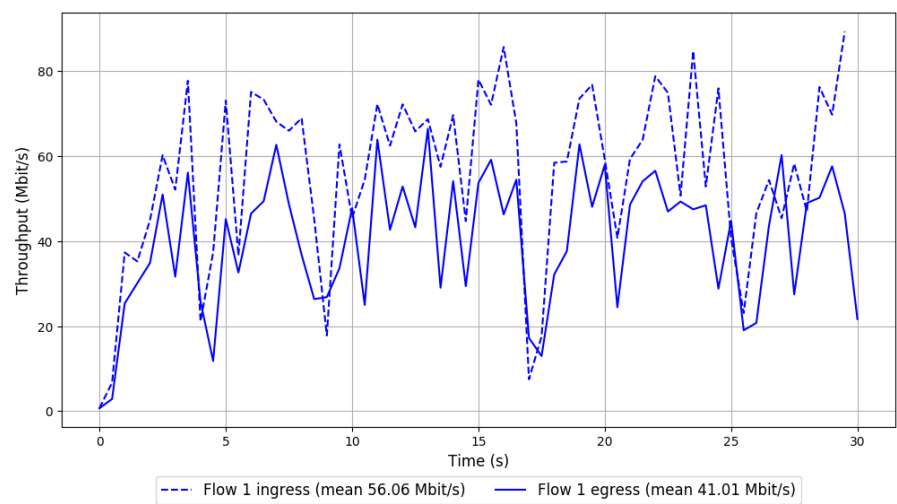
-- Flow 1:

Average throughput: 41.01 Mbit/s

95th percentile per-packet one-way delay: 134.163 ms

Loss rate: 26.77%

Run 6: Report of TCP BBR — Data Link

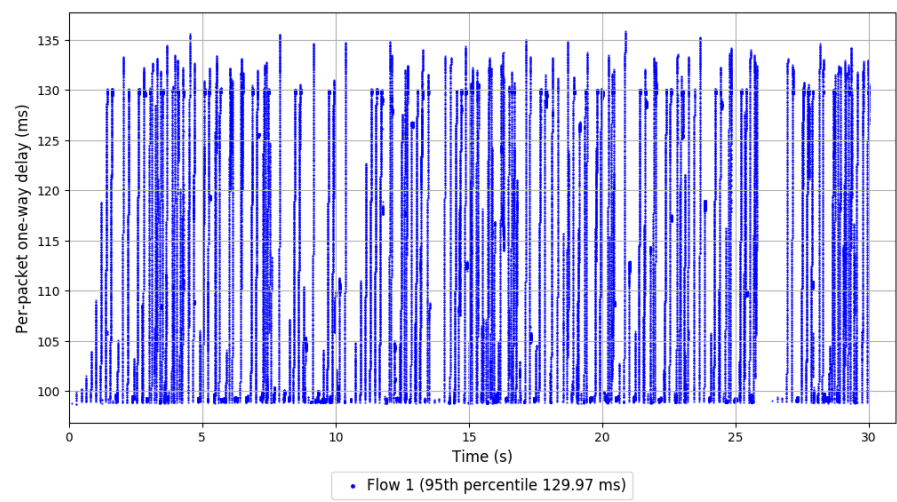
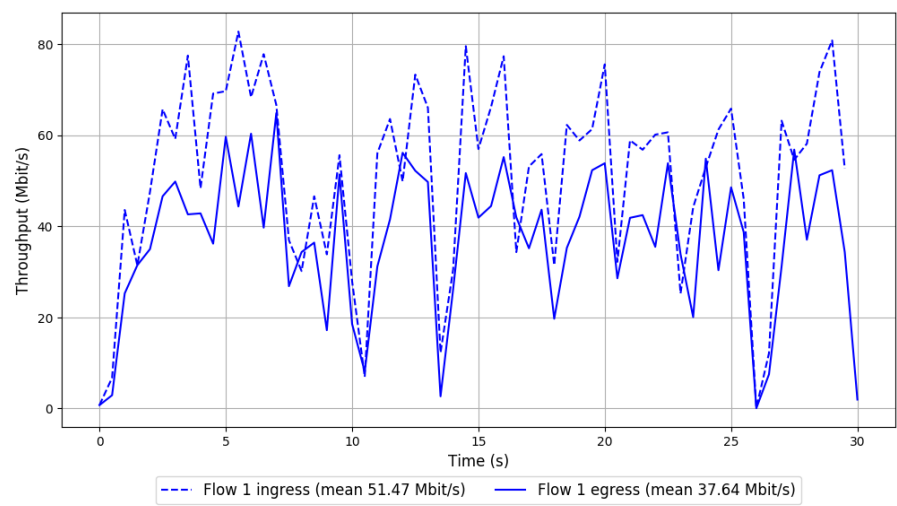


Run 7: Statistics of TCP BBR

Start at: 2018-01-25 11:01:57
End at: 2018-01-25 11:02:27
Local clock offset: -1.036 ms
Remote clock offset: -0.306 ms

Below is generated by plot.py at 2018-01-25 12:35:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.64 Mbit/s
95th percentile per-packet one-way delay: 129.972 ms
Loss rate: 26.80%
-- Flow 1:
Average throughput: 37.64 Mbit/s
95th percentile per-packet one-way delay: 129.972 ms
Loss rate: 26.80%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-01-25 11:21:39

End at: 2018-01-25 11:22:09

Local clock offset: -1.122 ms

Remote clock offset: -4.42 ms

Below is generated by plot.py at 2018-01-25 12:35:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.91 Mbit/s

95th percentile per-packet one-way delay: 127.529 ms

Loss rate: 25.57%

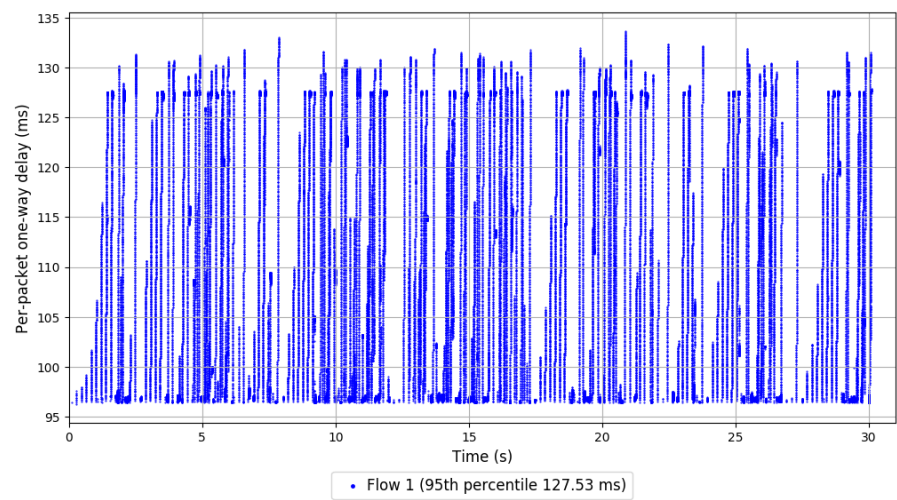
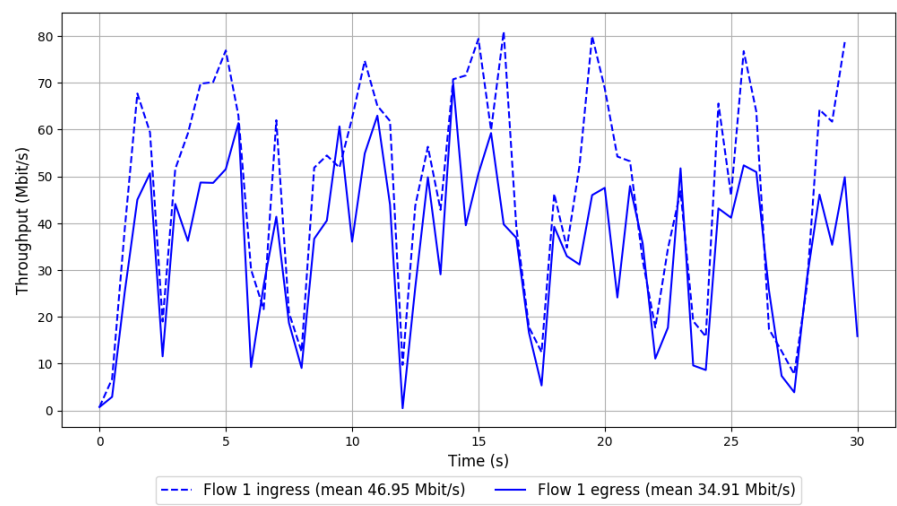
-- Flow 1:

Average throughput: 34.91 Mbit/s

95th percentile per-packet one-way delay: 127.529 ms

Loss rate: 25.57%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-01-25 11:41:25

End at: 2018-01-25 11:41:55

Local clock offset: -1.009 ms

Remote clock offset: 1.088 ms

Below is generated by plot.py at 2018-01-25 12:36:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.85 Mbit/s

95th percentile per-packet one-way delay: 137.009 ms

Loss rate: 27.07%

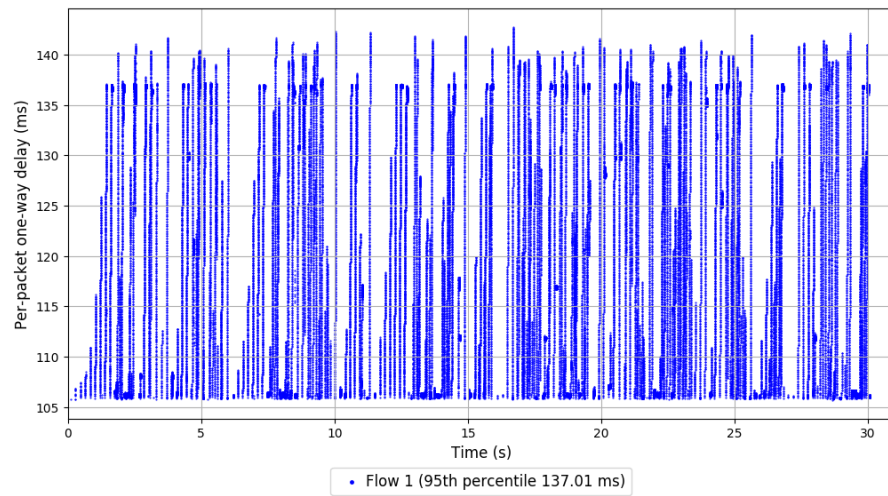
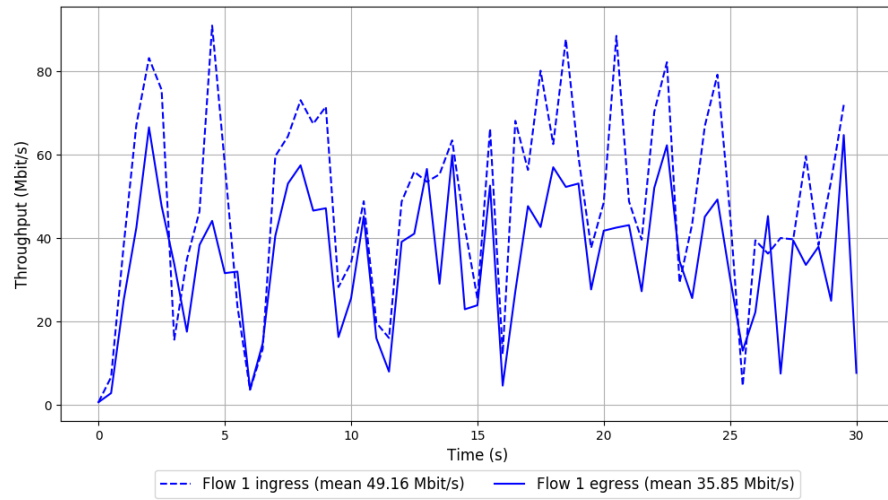
-- Flow 1:

Average throughput: 35.85 Mbit/s

95th percentile per-packet one-way delay: 137.009 ms

Loss rate: 27.07%

Run 9: Report of TCP BBR — Data Link

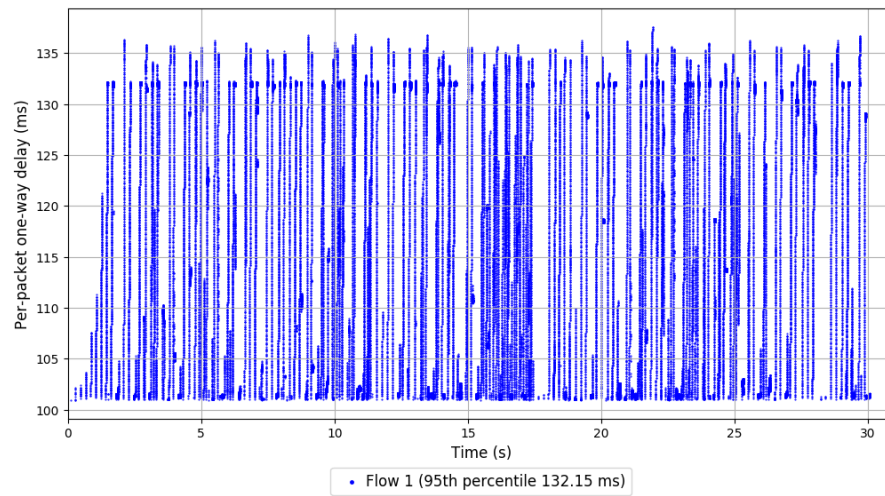
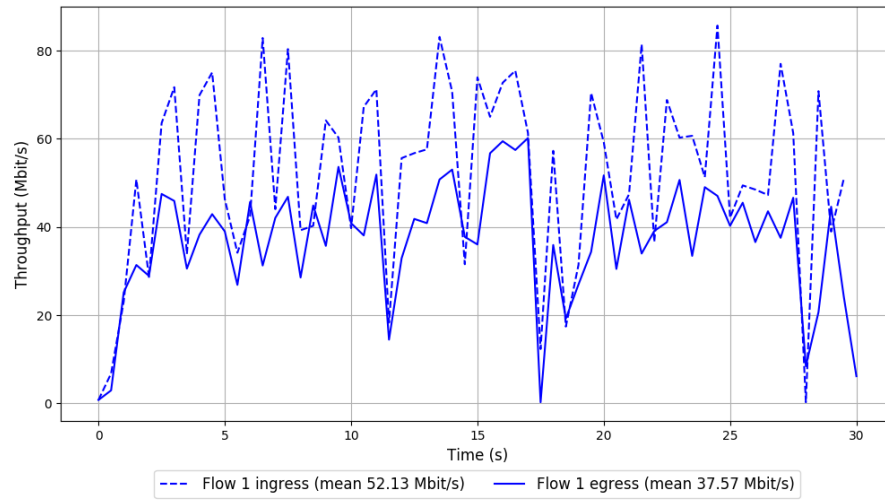


Run 10: Statistics of TCP BBR

Start at: 2018-01-25 12:00:59
End at: 2018-01-25 12:01:29
Local clock offset: -0.876 ms
Remote clock offset: -6.488 ms

Below is generated by plot.py at 2018-01-25 12:36:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 132.149 ms
Loss rate: 27.93%
-- Flow 1:
Average throughput: 37.57 Mbit/s
95th percentile per-packet one-way delay: 132.149 ms
Loss rate: 27.93%

Run 10: Report of TCP BBR — Data Link

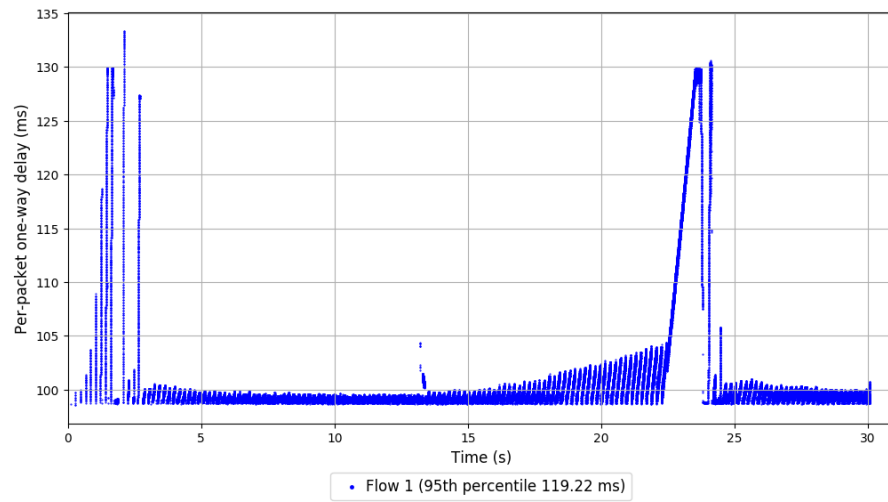
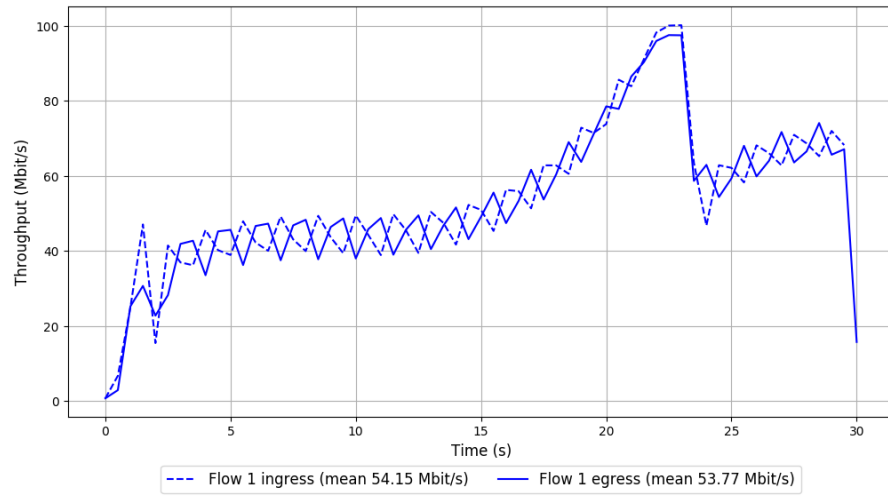


Run 1: Statistics of TCP Cubic

Start at: 2018-01-25 09:12:30
End at: 2018-01-25 09:13:00
Local clock offset: -0.812 ms
Remote clock offset: -6.312 ms

Below is generated by plot.py at 2018-01-25 12:36:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.77 Mbit/s
95th percentile per-packet one-way delay: 119.221 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 53.77 Mbit/s
95th percentile per-packet one-way delay: 119.221 ms
Loss rate: 0.69%

Run 1: Report of TCP Cubic — Data Link

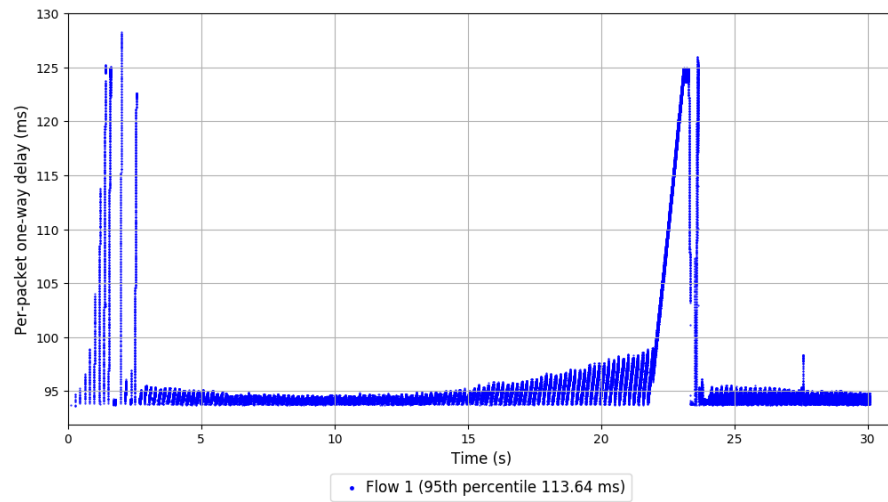
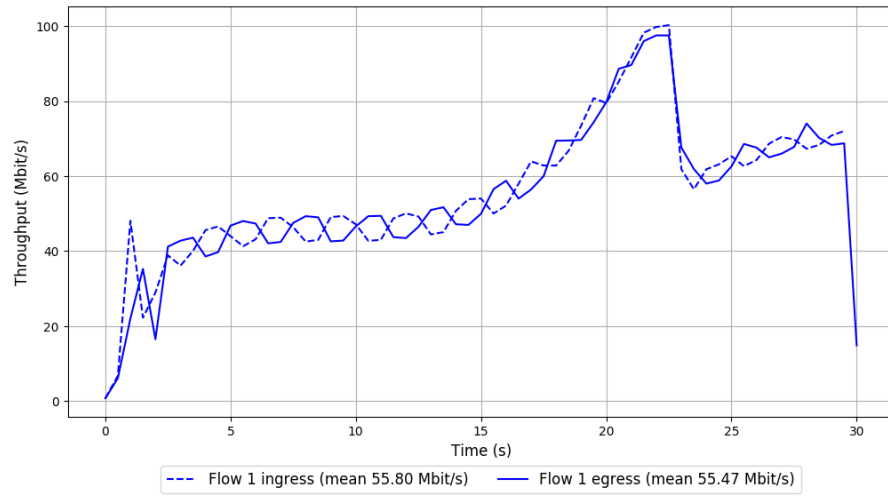


Run 2: Statistics of TCP Cubic

Start at: 2018-01-25 09:32:15
End at: 2018-01-25 09:32:45
Local clock offset: -0.981 ms
Remote clock offset: -6.007 ms

Below is generated by plot.py at 2018-01-25 12:36:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 113.639 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 55.47 Mbit/s
95th percentile per-packet one-way delay: 113.639 ms
Loss rate: 0.60%

Run 2: Report of TCP Cubic — Data Link

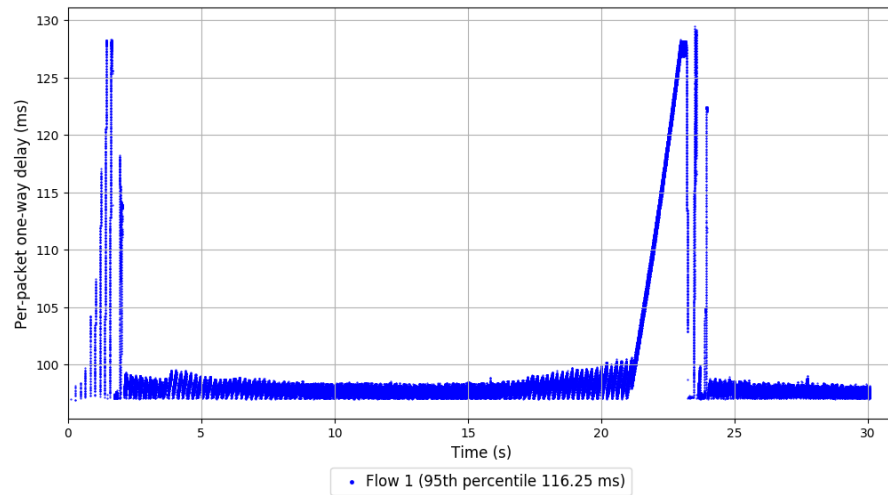
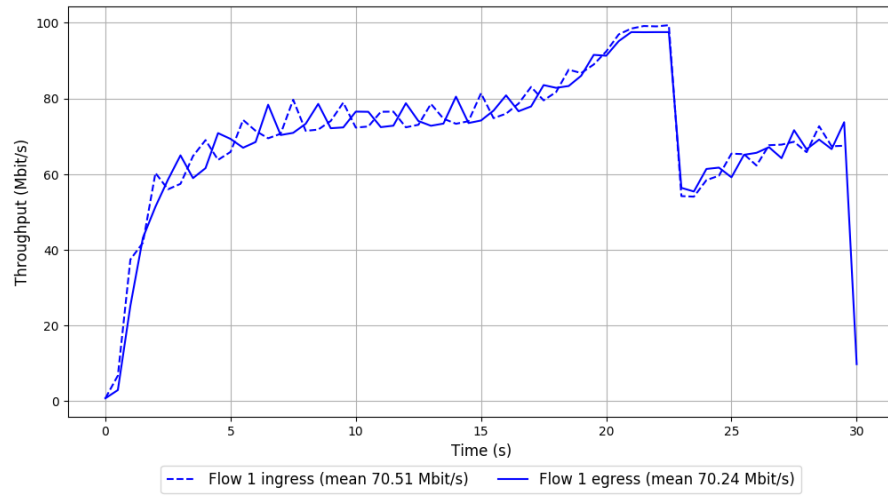


Run 3: Statistics of TCP Cubic

Start at: 2018-01-25 09:51:53
End at: 2018-01-25 09:52:23
Local clock offset: -0.975 ms
Remote clock offset: -5.827 ms

Below is generated by plot.py at 2018-01-25 12:36:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 116.245 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 116.245 ms
Loss rate: 0.38%

Run 3: Report of TCP Cubic — Data Link

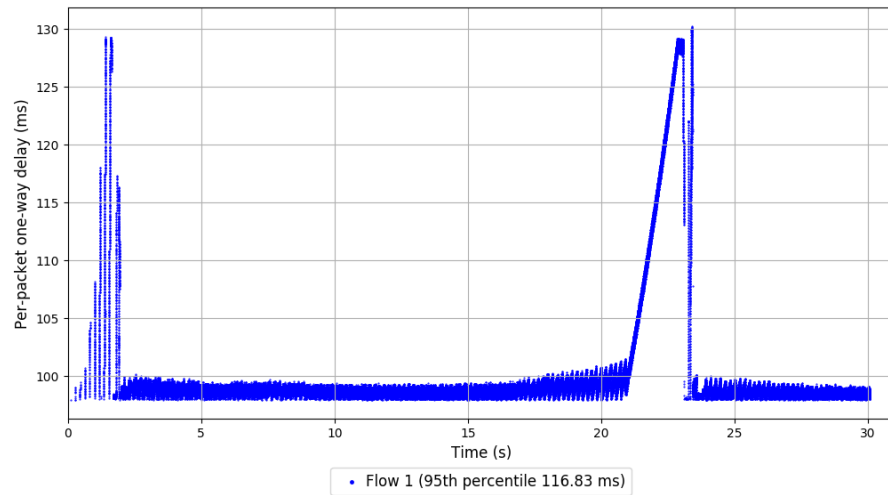
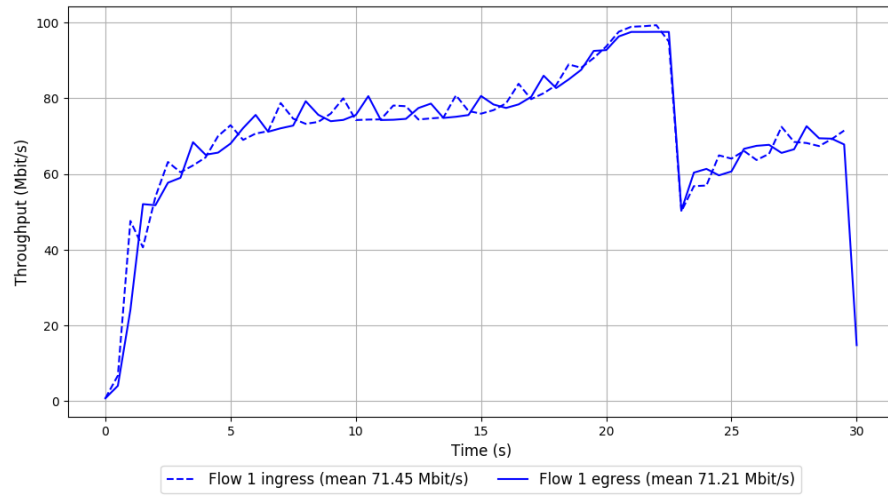


Run 4: Statistics of TCP Cubic

Start at: 2018-01-25 10:11:36
End at: 2018-01-25 10:12:06
Local clock offset: -0.975 ms
Remote clock offset: -1.601 ms

Below is generated by plot.py at 2018-01-25 12:36:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: 116.825 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: 116.825 ms
Loss rate: 0.33%

Run 4: Report of TCP Cubic — Data Link

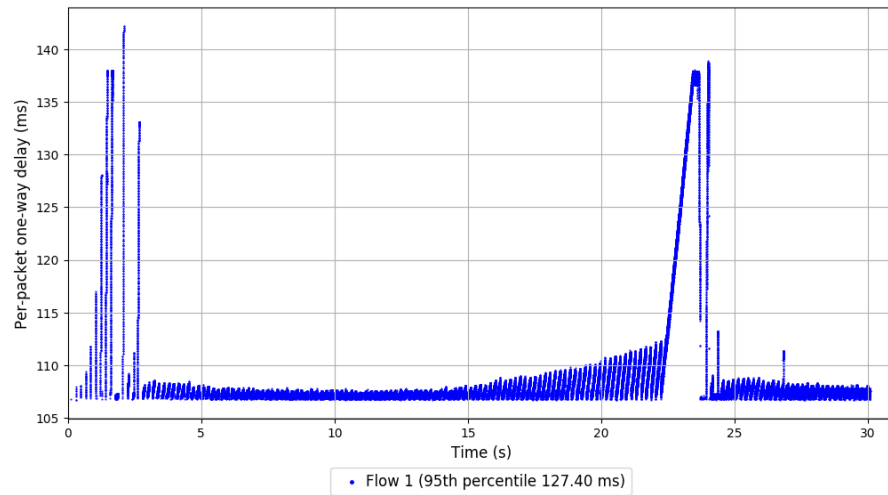
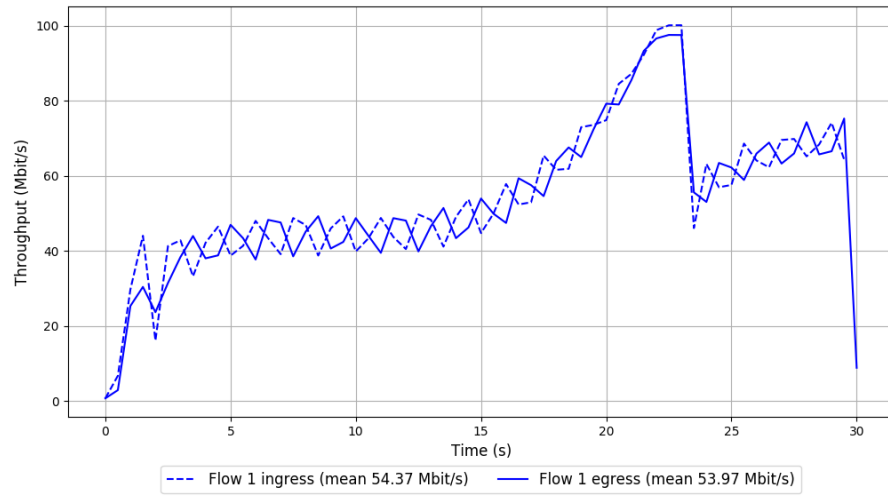


Run 5: Statistics of TCP Cubic

Start at: 2018-01-25 10:31:14
End at: 2018-01-25 10:31:44
Local clock offset: -0.981 ms
Remote clock offset: -0.736 ms

Below is generated by plot.py at 2018-01-25 12:36:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.97 Mbit/s
95th percentile per-packet one-way delay: 127.403 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 53.97 Mbit/s
95th percentile per-packet one-way delay: 127.403 ms
Loss rate: 0.75%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-01-25 10:50:52

End at: 2018-01-25 10:51:22

Local clock offset: -1.04 ms

Remote clock offset: 1.288 ms

Below is generated by plot.py at 2018-01-25 12:36:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.37 Mbit/s

95th percentile per-packet one-way delay: 122.545 ms

Loss rate: 0.39%

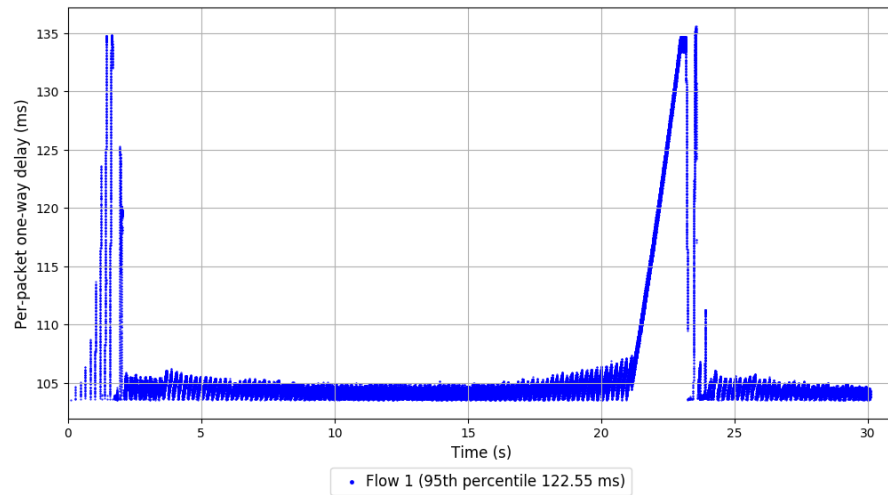
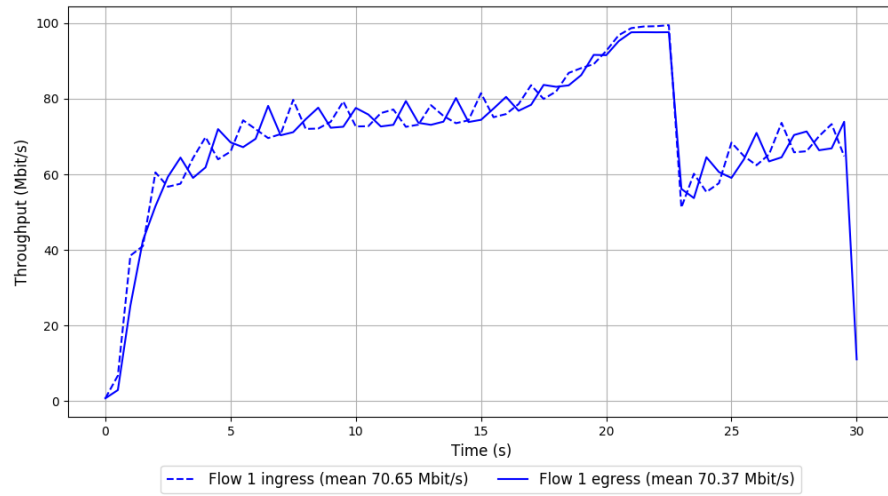
-- Flow 1:

Average throughput: 70.37 Mbit/s

95th percentile per-packet one-way delay: 122.545 ms

Loss rate: 0.39%

Run 6: Report of TCP Cubic — Data Link

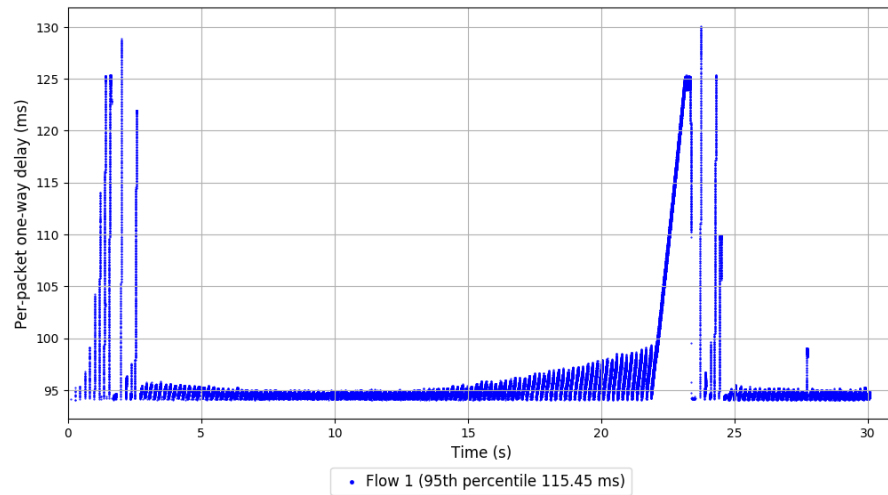
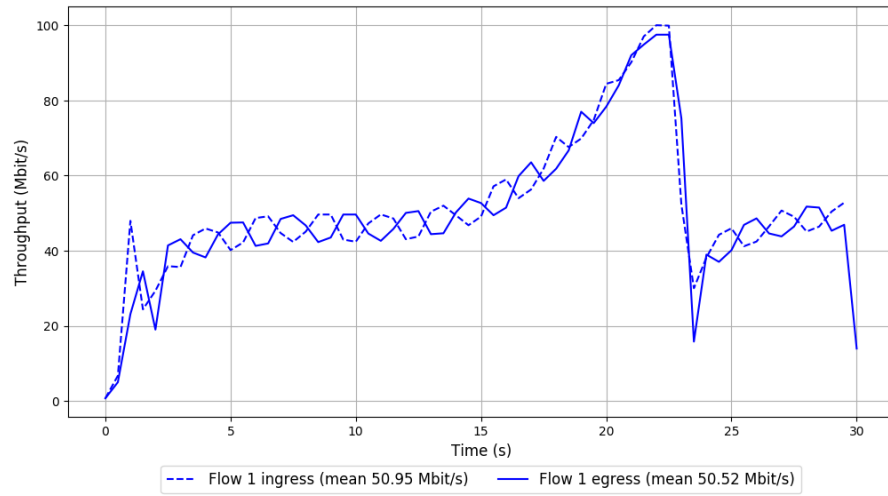


Run 7: Statistics of TCP Cubic

Start at: 2018-01-25 11:10:30
End at: 2018-01-25 11:11:00
Local clock offset: -1.137 ms
Remote clock offset: -5.171 ms

Below is generated by plot.py at 2018-01-25 12:37:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.52 Mbit/s
95th percentile per-packet one-way delay: 115.446 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 50.52 Mbit/s
95th percentile per-packet one-way delay: 115.446 ms
Loss rate: 0.84%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-01-25 11:30:13

End at: 2018-01-25 11:30:43

Local clock offset: -1.088 ms

Remote clock offset: -5.34 ms

Below is generated by plot.py at 2018-01-25 12:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 119.635 ms

Loss rate: 0.32%

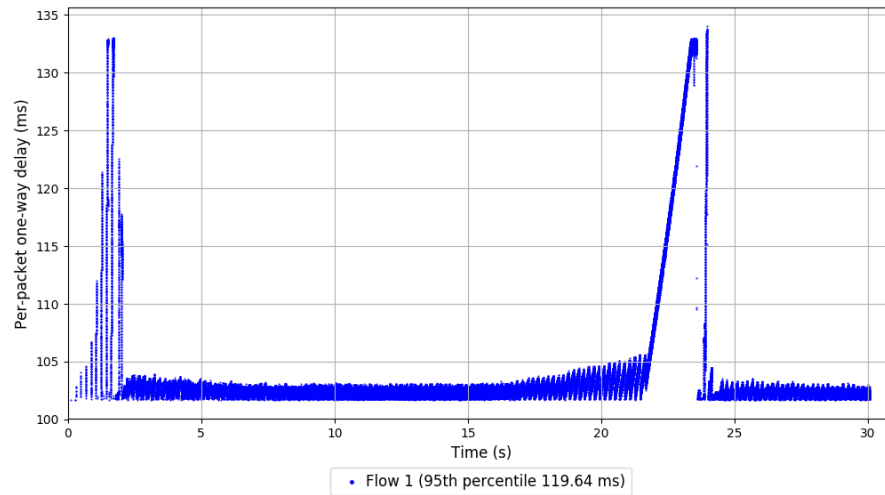
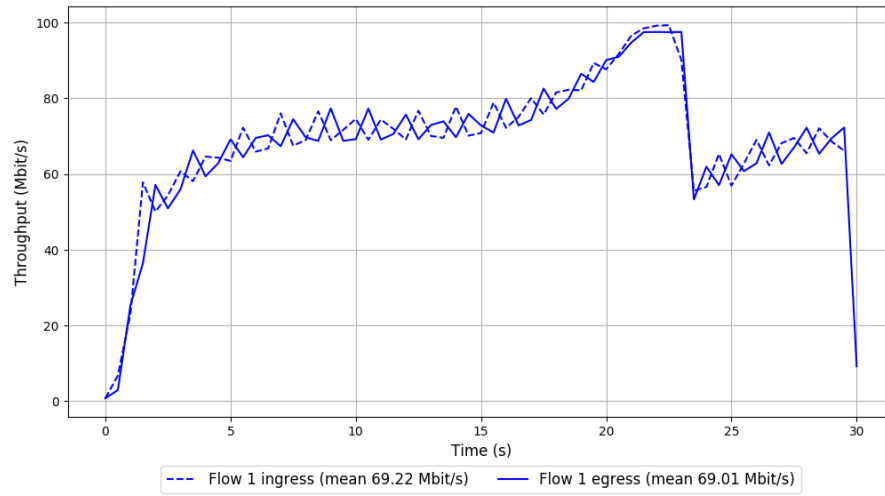
-- Flow 1:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 119.635 ms

Loss rate: 0.32%

Run 8: Report of TCP Cubic — Data Link

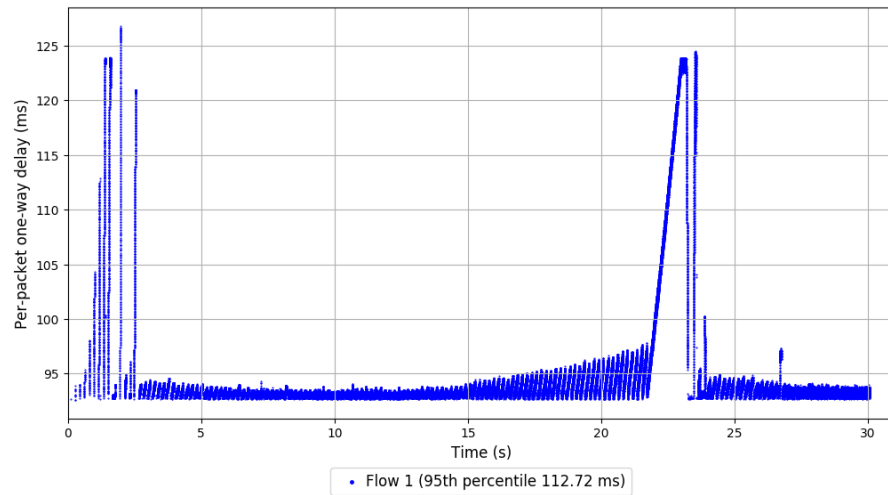
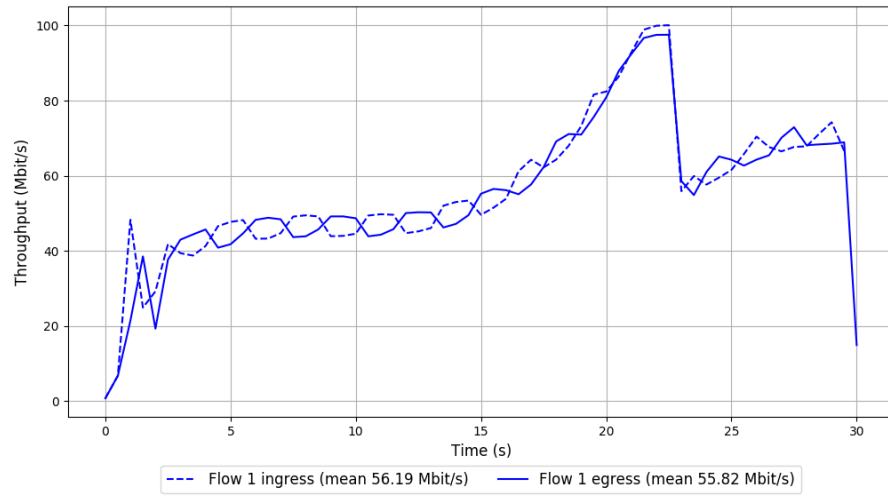


Run 9: Statistics of TCP Cubic

Start at: 2018-01-25 11:49:57
End at: 2018-01-25 11:50:28
Local clock offset: -0.93 ms
Remote clock offset: -5.688 ms

Below is generated by plot.py at 2018-01-25 12:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 112.715 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 112.715 ms
Loss rate: 0.66%

Run 9: Report of TCP Cubic — Data Link

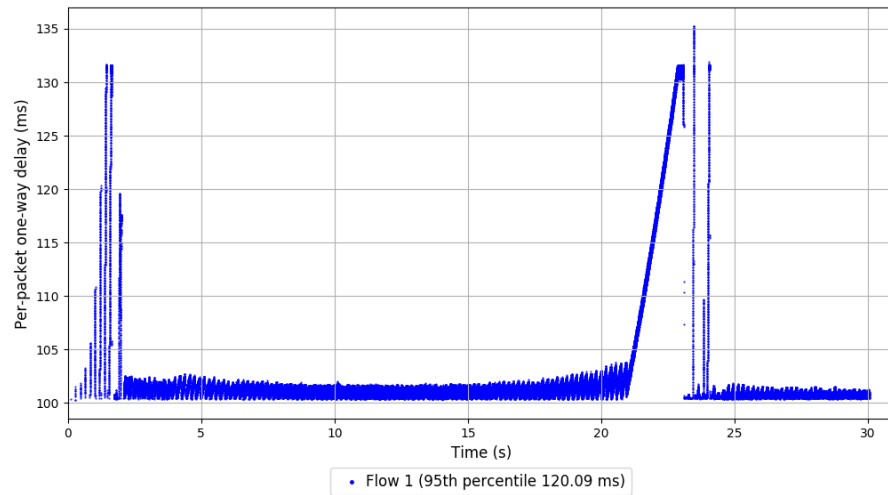
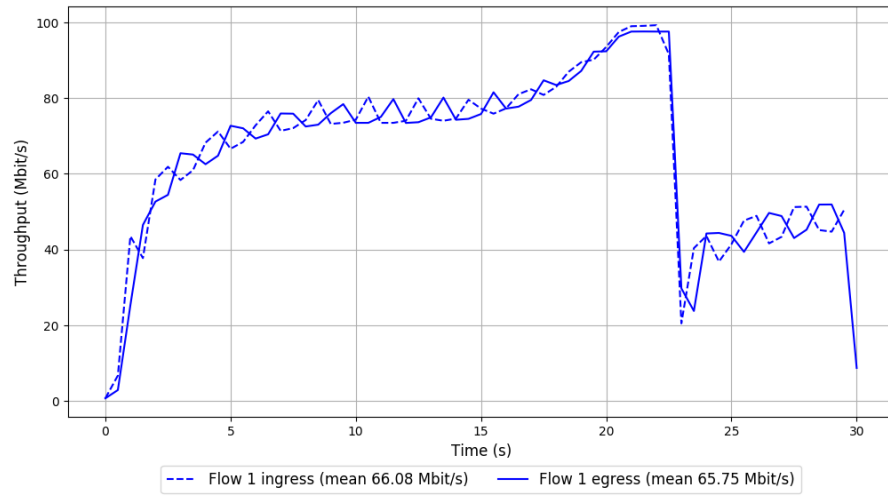


Run 10: Statistics of TCP Cubic

Start at: 2018-01-25 12:09:31
End at: 2018-01-25 12:10:01
Local clock offset: -0.846 ms
Remote clock offset: -1.343 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.75 Mbit/s
95th percentile per-packet one-way delay: 120.086 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 65.75 Mbit/s
95th percentile per-packet one-way delay: 120.086 ms
Loss rate: 0.50%

Run 10: Report of TCP Cubic — Data Link

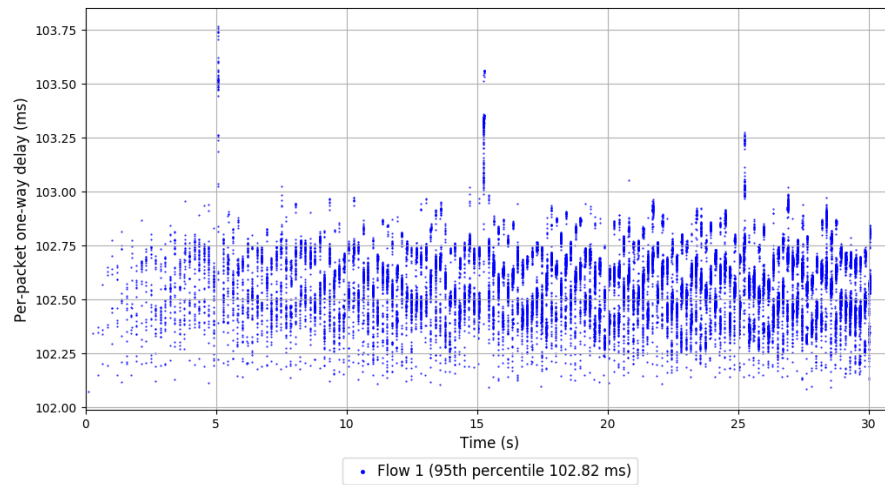
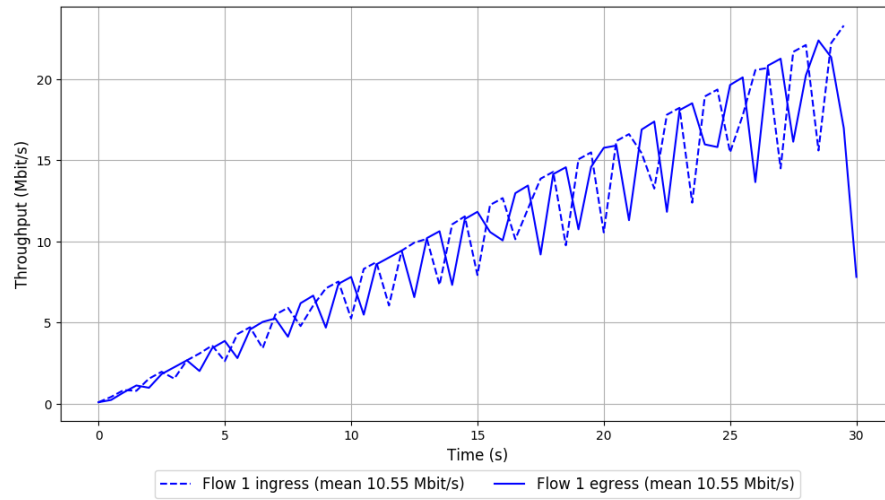


Run 1: Statistics of LEDBAT

Start at: 2018-01-25 09:00:12
End at: 2018-01-25 09:00:42
Local clock offset: -0.717 ms
Remote clock offset: -0.387 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 102.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.55 Mbit/s
95th percentile per-packet one-way delay: 102.822 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

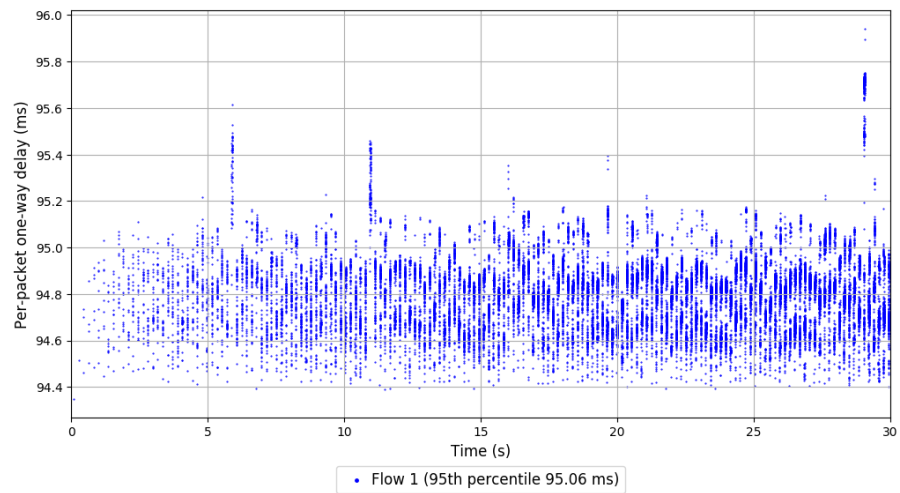
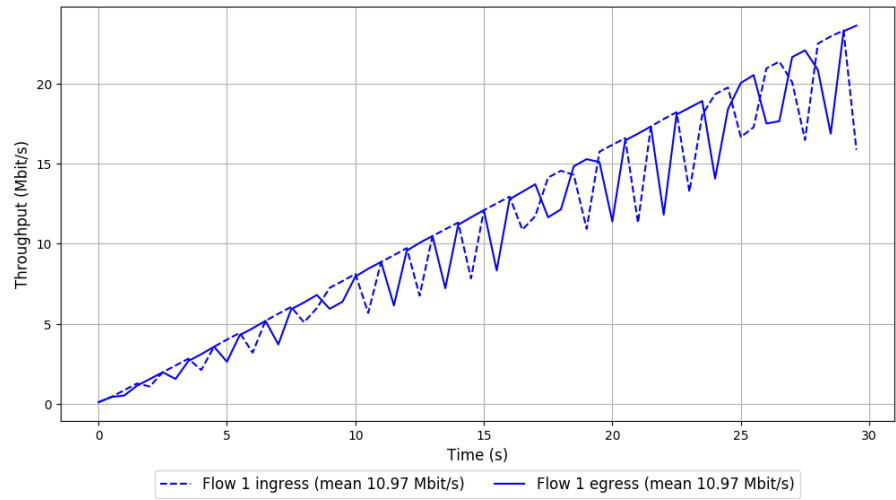


Run 2: Statistics of LEDBAT

Start at: 2018-01-25 09:19:59
End at: 2018-01-25 09:20:29
Local clock offset: -0.907 ms
Remote clock offset: -6.421 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.97 Mbit/s
95th percentile per-packet one-way delay: 95.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.97 Mbit/s
95th percentile per-packet one-way delay: 95.055 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

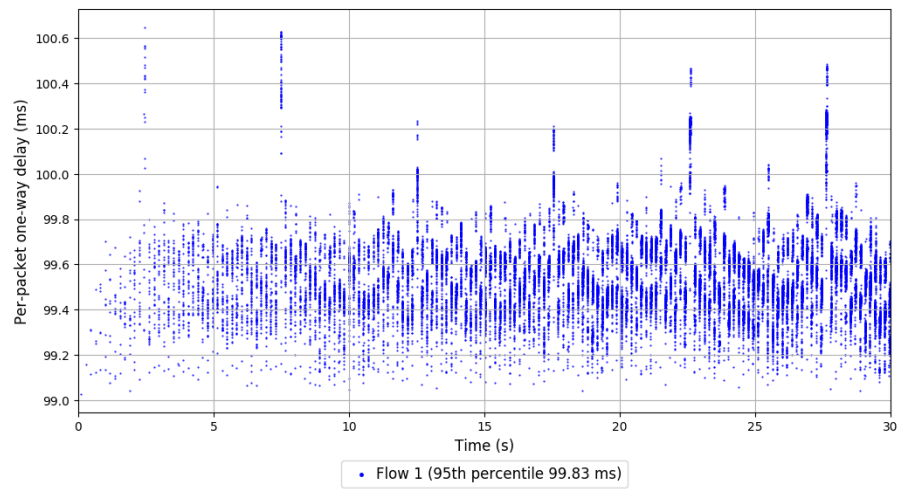
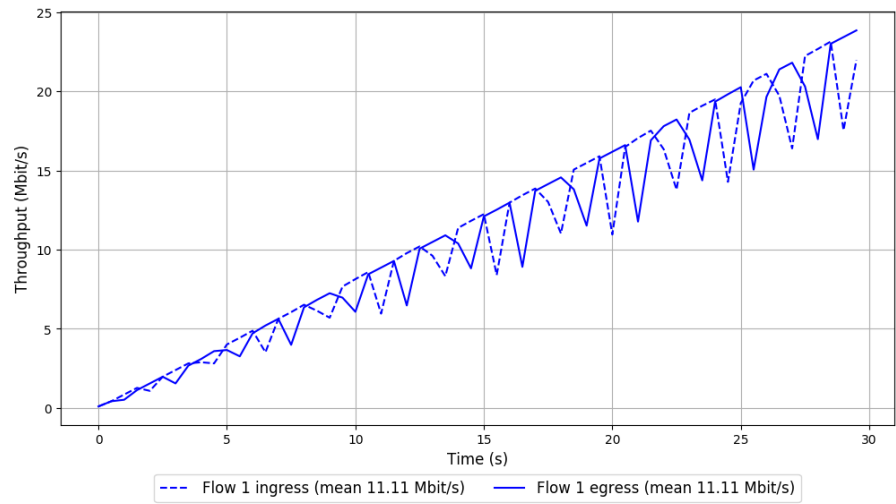


Run 3: Statistics of LEDBAT

Start at: 2018-01-25 09:39:35
End at: 2018-01-25 09:40:05
Local clock offset: -0.969 ms
Remote clock offset: -0.891 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 99.827 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 99.827 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

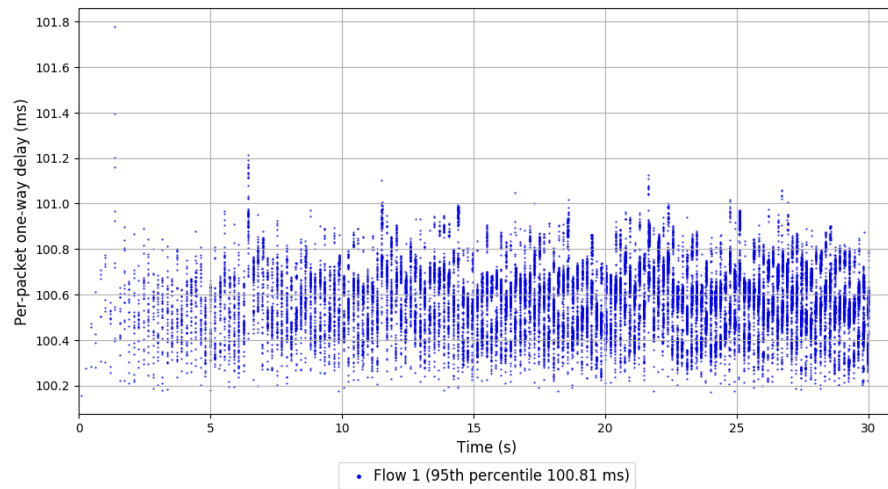
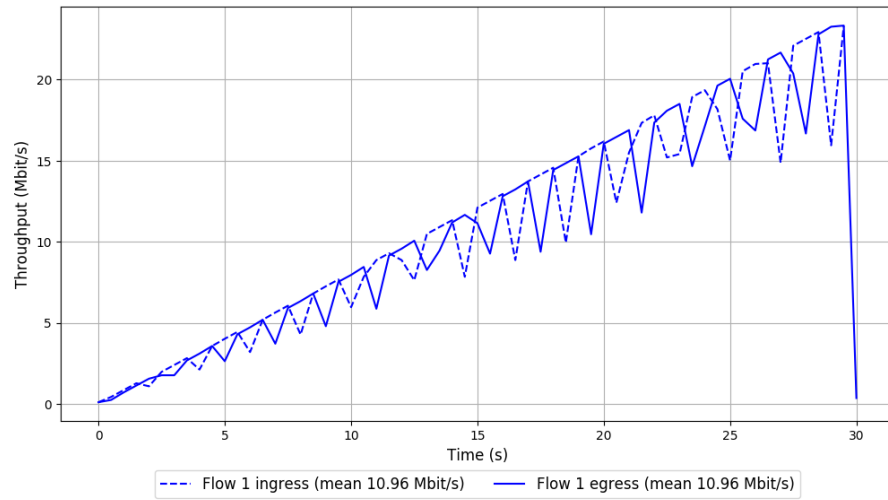


Run 4: Statistics of LEDBAT

Start at: 2018-01-25 09:59:22
End at: 2018-01-25 09:59:52
Local clock offset: -0.989 ms
Remote clock offset: -1.094 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 100.812 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 100.812 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

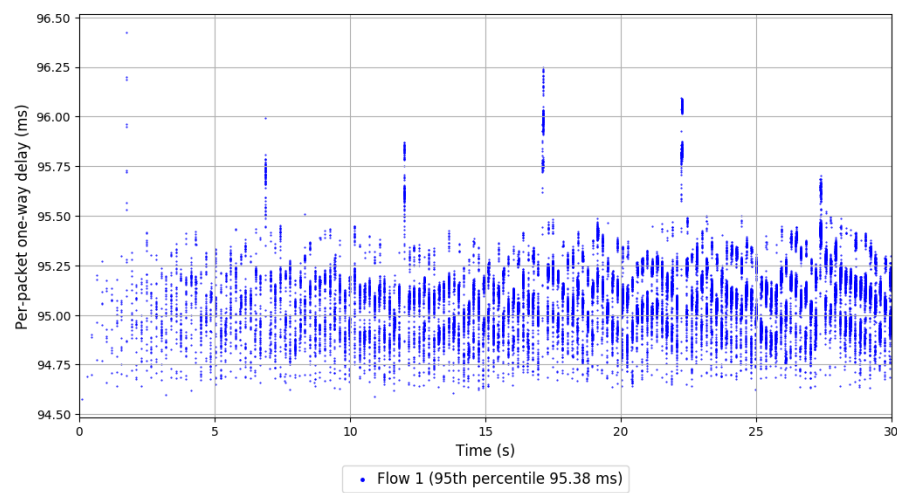
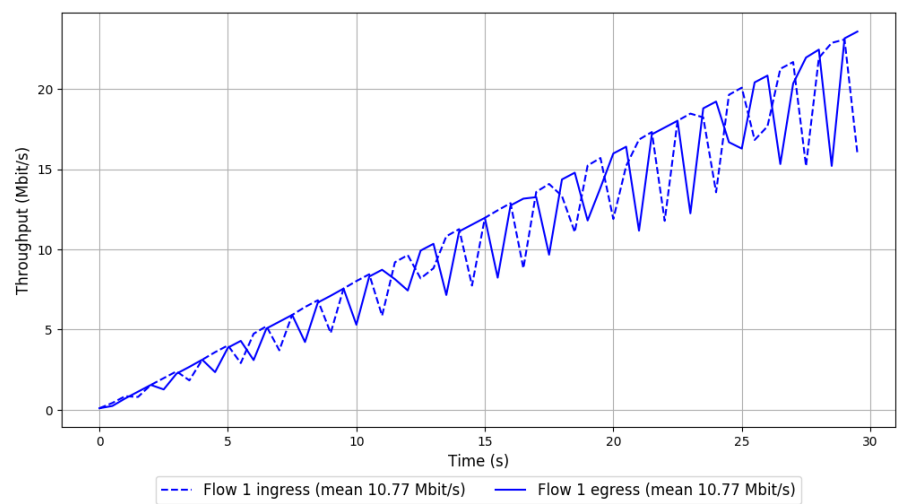


Run 5: Statistics of LEDBAT

Start at: 2018-01-25 10:18:56
End at: 2018-01-25 10:19:26
Local clock offset: -1.025 ms
Remote clock offset: -6.852 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.77 Mbit/s
95th percentile per-packet one-way delay: 95.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 10.77 Mbit/s
95th percentile per-packet one-way delay: 95.378 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

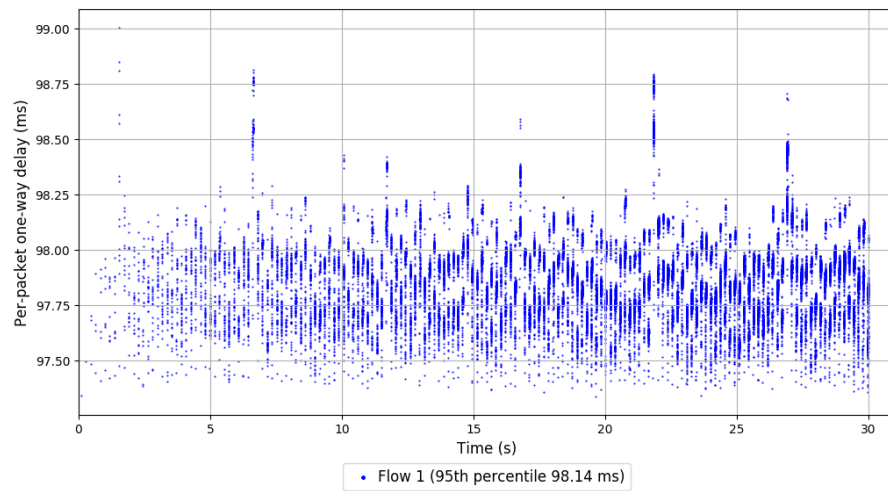
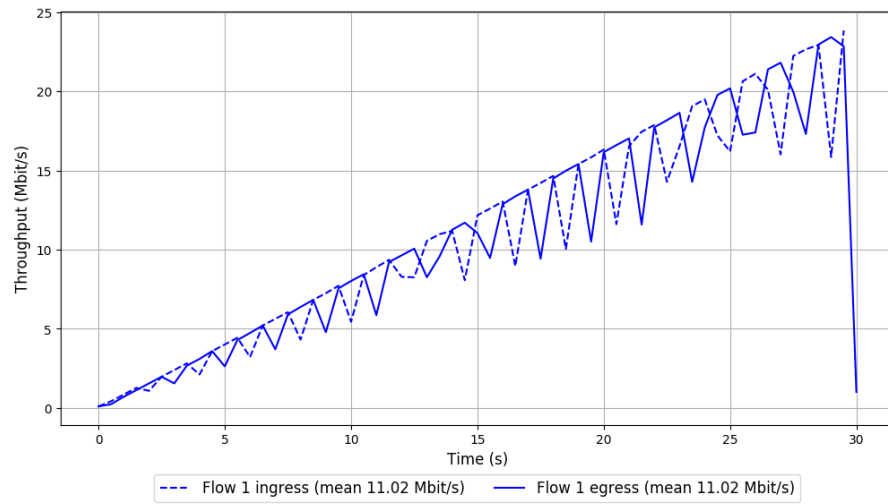


Run 6: Statistics of LEDBAT

Start at: 2018-01-25 10:38:35
End at: 2018-01-25 10:39:05
Local clock offset: -0.97 ms
Remote clock offset: -3.846 ms

Below is generated by plot.py at 2018-01-25 12:37:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 98.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.02 Mbit/s
95th percentile per-packet one-way delay: 98.145 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-01-25 10:58:14

End at: 2018-01-25 10:58:44

Local clock offset: -1.023 ms

Remote clock offset: 0.829 ms

Below is generated by plot.py at 2018-01-25 12:37:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.52 Mbit/s

95th percentile per-packet one-way delay: 104.449 ms

Loss rate: 0.00%

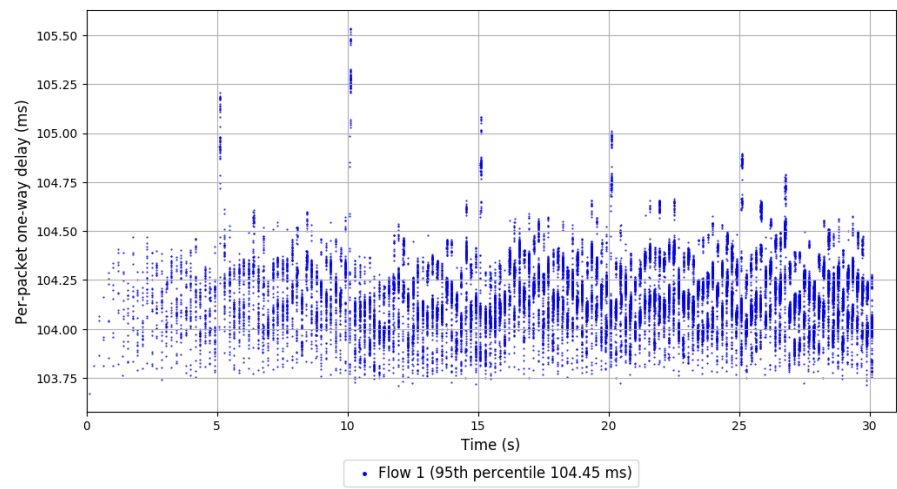
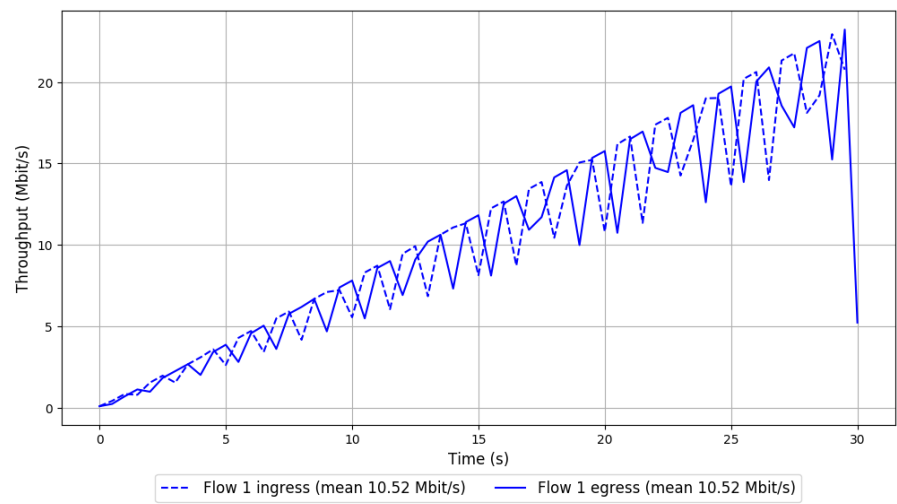
-- Flow 1:

Average throughput: 10.52 Mbit/s

95th percentile per-packet one-way delay: 104.449 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-01-25 11:17:57

End at: 2018-01-25 11:18:27

Local clock offset: -1.122 ms

Remote clock offset: -0.45 ms

Below is generated by plot.py at 2018-01-25 12:37:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.94 Mbit/s

95th percentile per-packet one-way delay: 101.552 ms

Loss rate: 0.00%

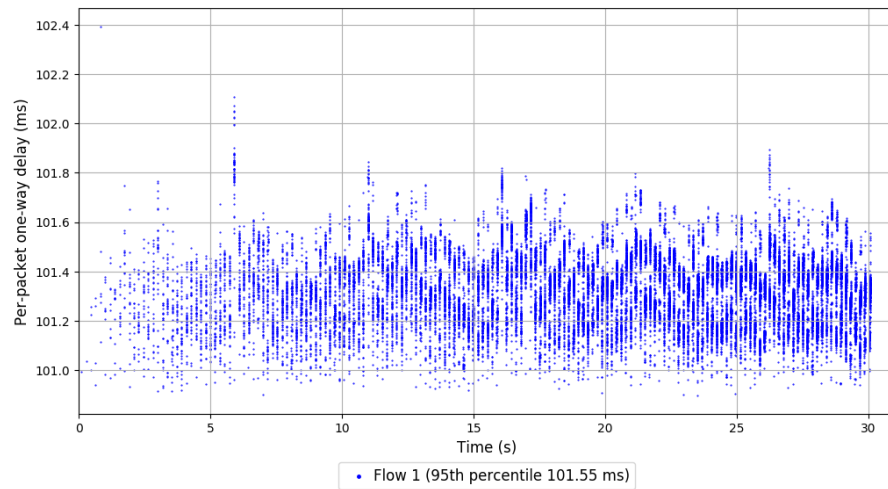
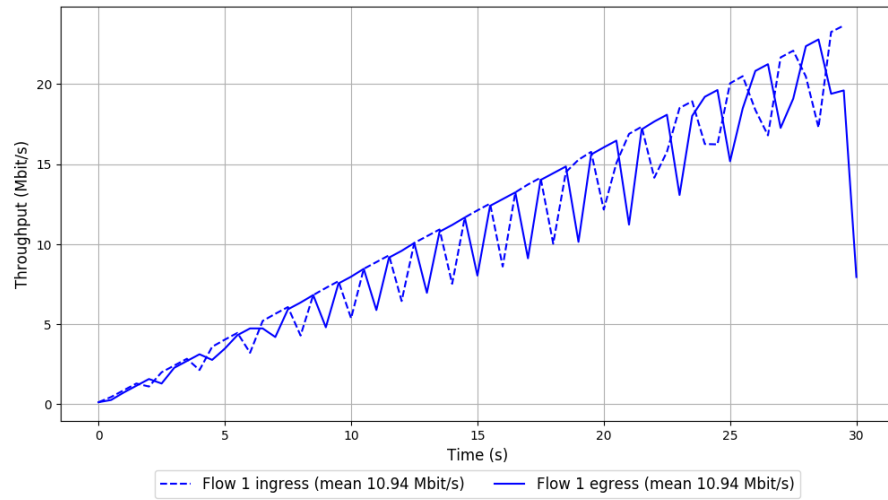
-- Flow 1:

Average throughput: 10.94 Mbit/s

95th percentile per-packet one-way delay: 101.552 ms

Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-01-25 11:37:42

End at: 2018-01-25 11:38:12

Local clock offset: -1.035 ms

Remote clock offset: 0.186 ms

Below is generated by plot.py at 2018-01-25 12:37:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 100.919 ms

Loss rate: 0.00%

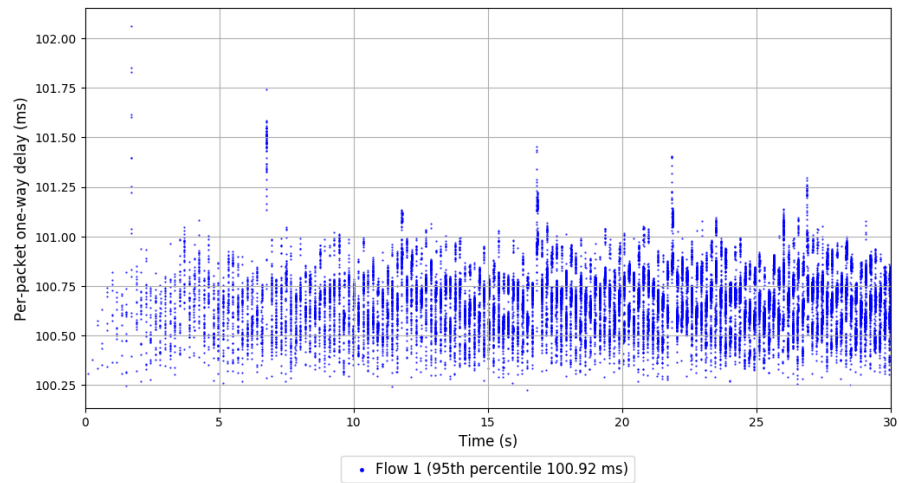
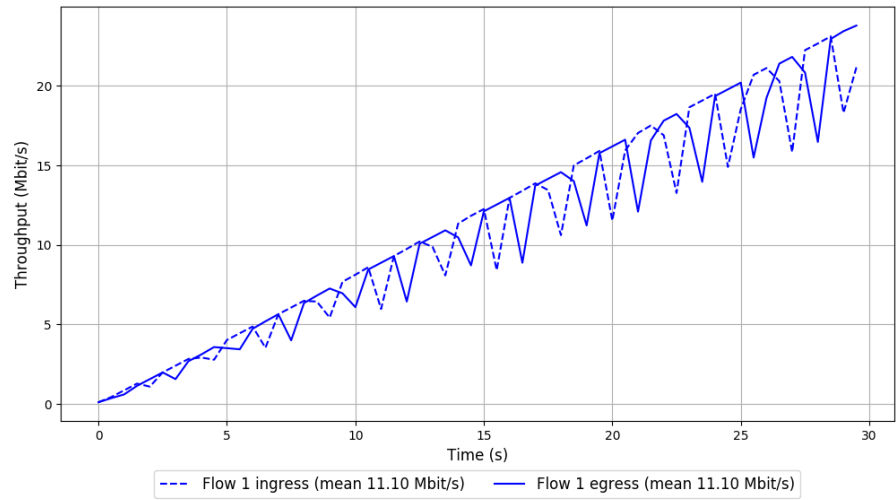
-- Flow 1:

Average throughput: 11.10 Mbit/s

95th percentile per-packet one-way delay: 100.919 ms

Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-01-25 11:57:16

End at: 2018-01-25 11:57:46

Local clock offset: -0.861 ms

Remote clock offset: 0.82 ms

Below is generated by plot.py at 2018-01-25 12:37:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.99 Mbit/s

95th percentile per-packet one-way delay: 108.978 ms

Loss rate: 0.00%

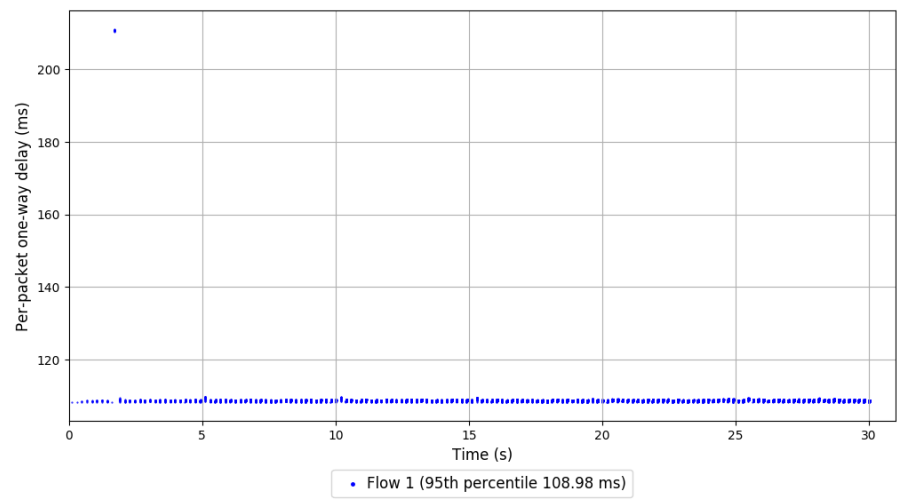
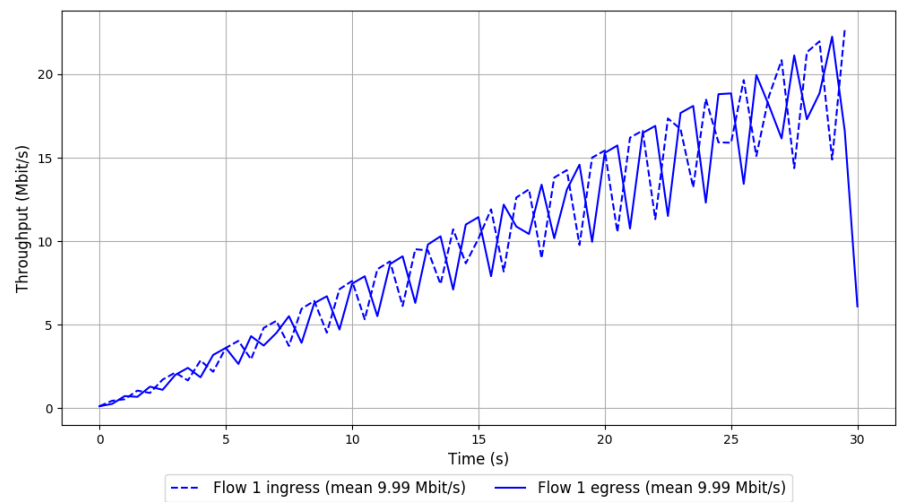
-- Flow 1:

Average throughput: 9.99 Mbit/s

95th percentile per-packet one-way delay: 108.978 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

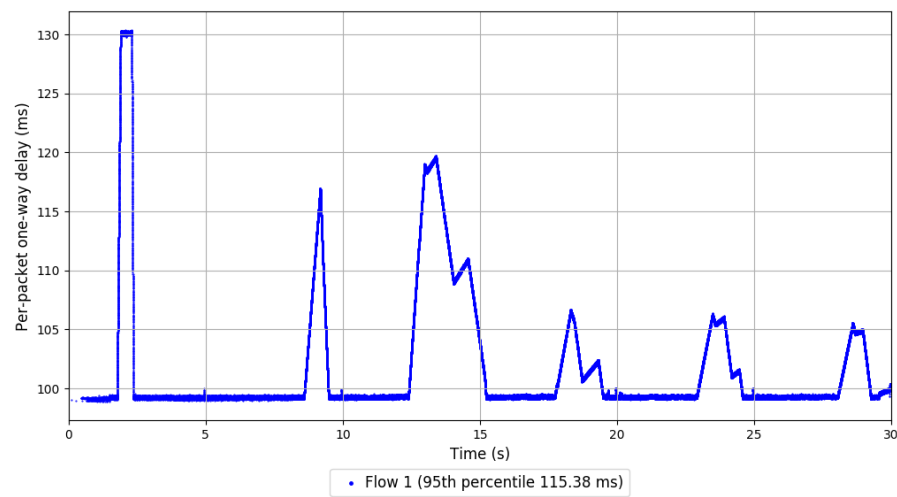
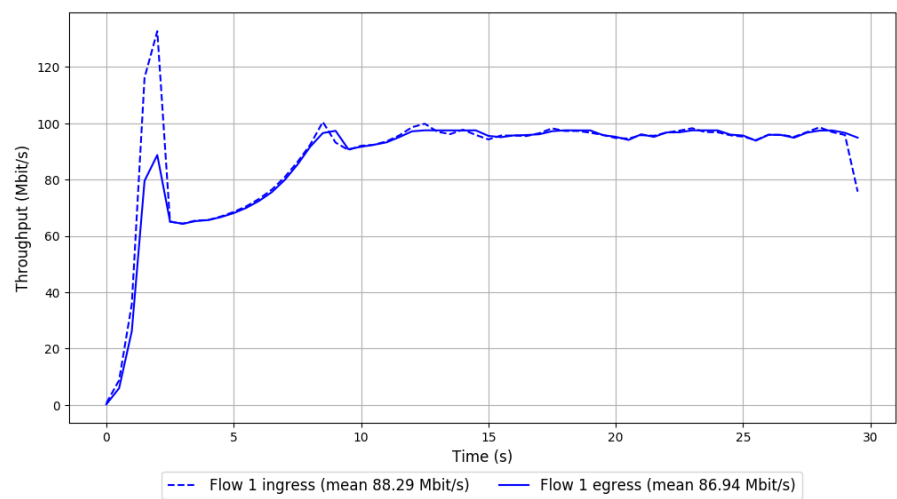


Run 1: Statistics of PCC

Start at: 2018-01-25 09:10:06
End at: 2018-01-25 09:10:36
Local clock offset: -0.889 ms
Remote clock offset: -1.784 ms

Below is generated by plot.py at 2018-01-25 12:38:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.94 Mbit/s
95th percentile per-packet one-way delay: 115.384 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 86.94 Mbit/s
95th percentile per-packet one-way delay: 115.384 ms
Loss rate: 1.53%

Run 1: Report of PCC — Data Link

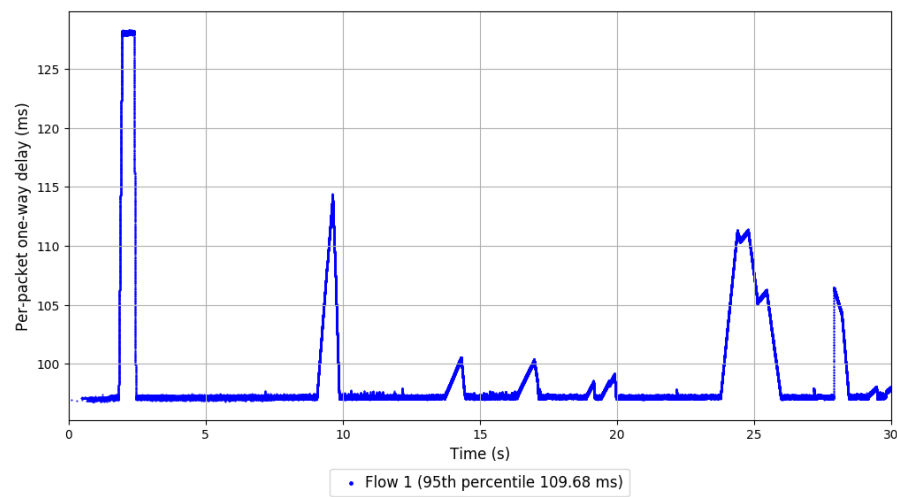
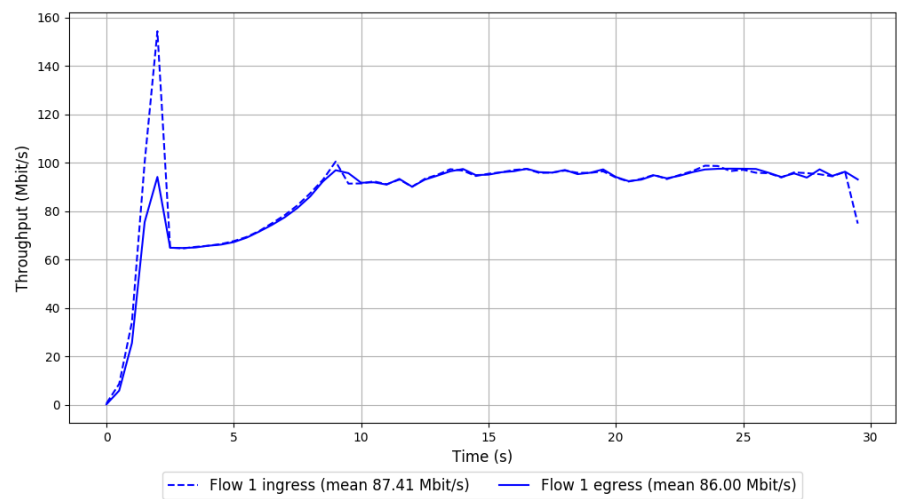


Run 2: Statistics of PCC

Start at: 2018-01-25 09:29:51
End at: 2018-01-25 09:30:21
Local clock offset: -0.964 ms
Remote clock offset: -5.671 ms

Below is generated by plot.py at 2018-01-25 12:38:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 109.683 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 109.683 ms
Loss rate: 1.61%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-01-25 09:49:29

End at: 2018-01-25 09:49:59

Local clock offset: -0.981 ms

Remote clock offset: -1.33 ms

Below is generated by plot.py at 2018-01-25 12:38:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.80 Mbit/s

95th percentile per-packet one-way delay: 106.442 ms

Loss rate: 1.51%

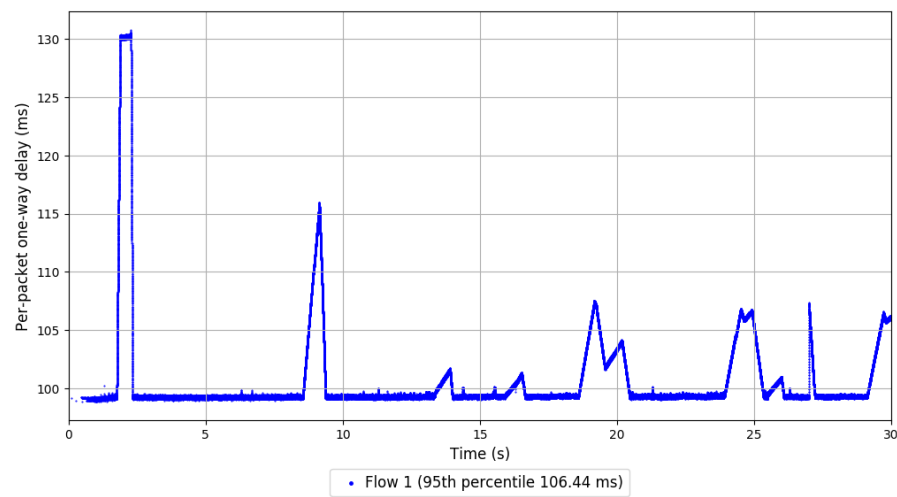
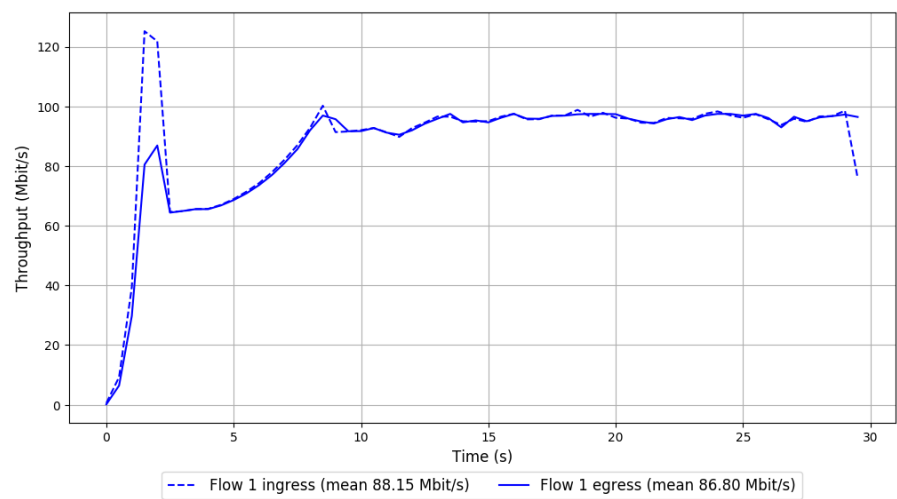
-- Flow 1:

Average throughput: 86.80 Mbit/s

95th percentile per-packet one-way delay: 106.442 ms

Loss rate: 1.51%

Run 3: Report of PCC — Data Link

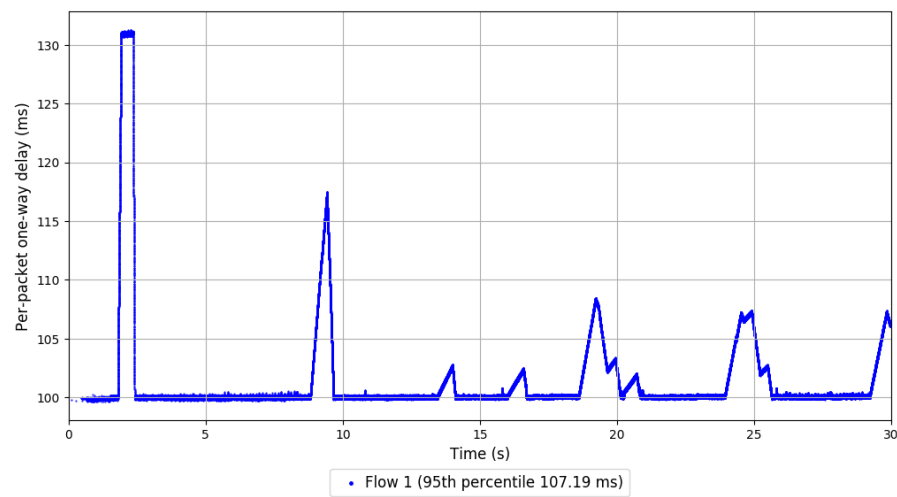
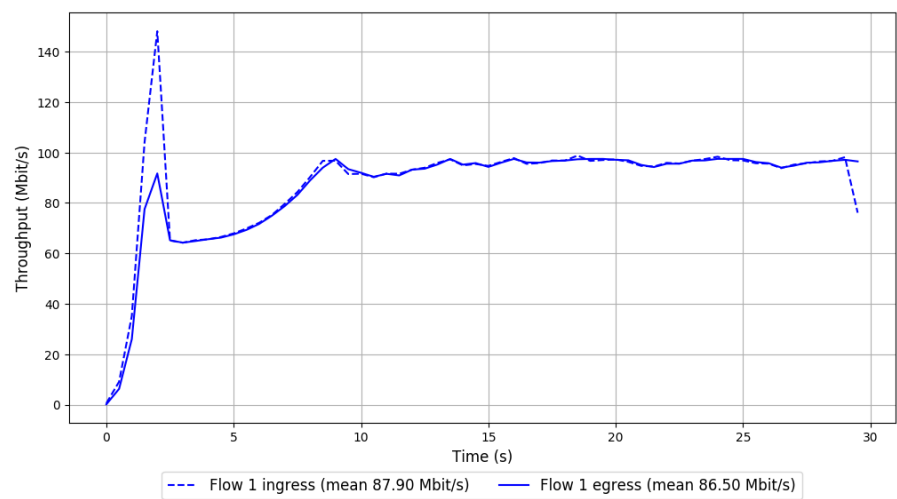


Run 4: Statistics of PCC

Start at: 2018-01-25 10:09:13
End at: 2018-01-25 10:09:43
Local clock offset: -0.981 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-01-25 12:38:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.50 Mbit/s
95th percentile per-packet one-way delay: 107.193 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 86.50 Mbit/s
95th percentile per-packet one-way delay: 107.193 ms
Loss rate: 1.57%

Run 4: Report of PCC — Data Link

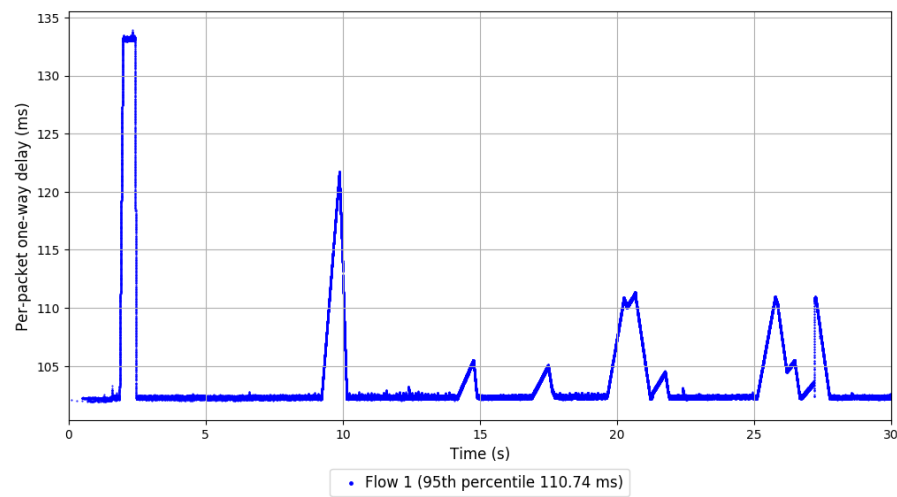
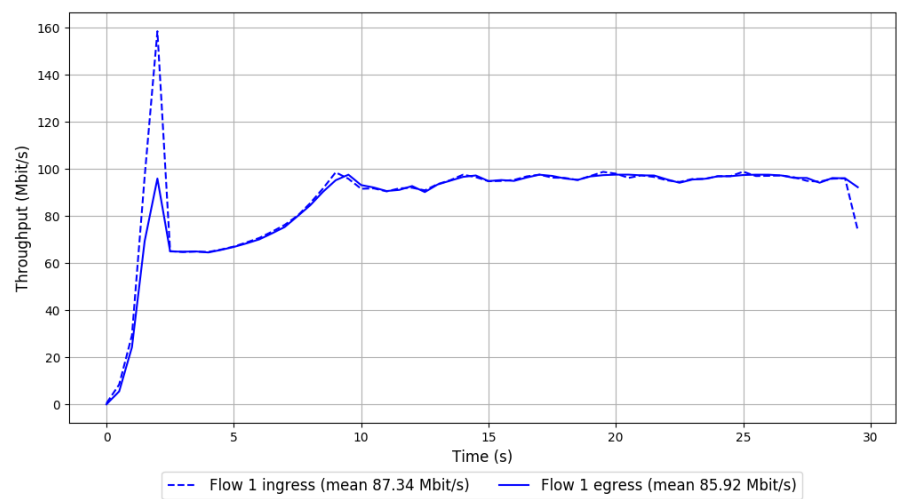


Run 5: Statistics of PCC

Start at: 2018-01-25 10:28:50
End at: 2018-01-25 10:29:20
Local clock offset: -0.988 ms
Remote clock offset: -6.881 ms

Below is generated by plot.py at 2018-01-25 12:38:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 110.744 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 110.744 ms
Loss rate: 1.65%

Run 5: Report of PCC — Data Link

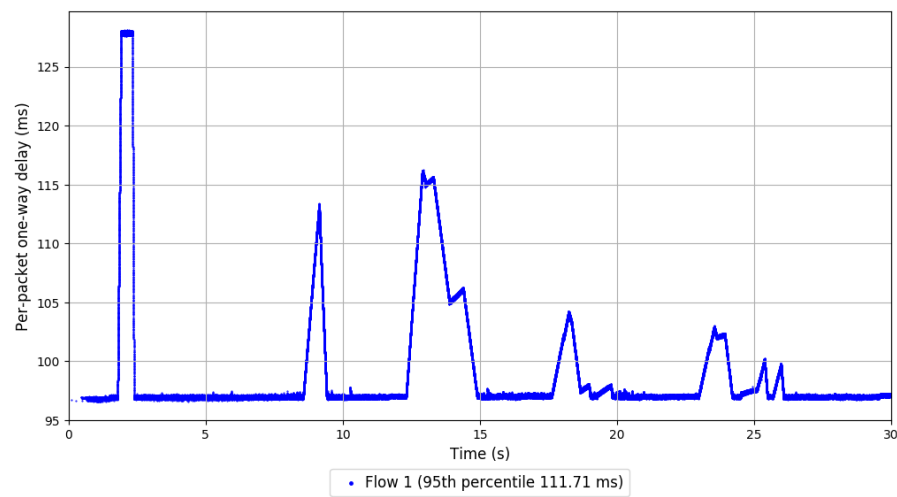
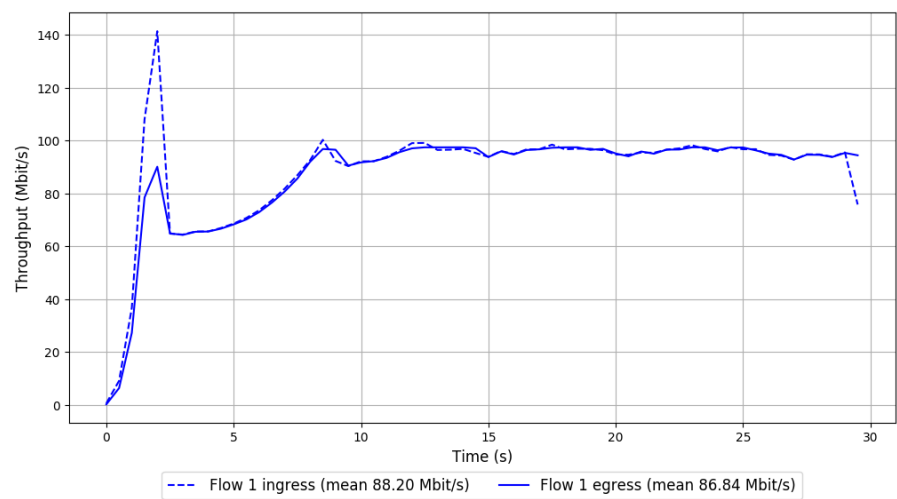


Run 6: Statistics of PCC

Start at: 2018-01-25 10:48:28
End at: 2018-01-25 10:48:58
Local clock offset: -1.1 ms
Remote clock offset: -4.481 ms

Below is generated by plot.py at 2018-01-25 12:38:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 111.714 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 111.714 ms
Loss rate: 1.54%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-01-25 11:08:06

End at: 2018-01-25 11:08:37

Local clock offset: -1.038 ms

Remote clock offset: 0.532 ms

Below is generated by plot.py at 2018-01-25 12:38:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 112.102 ms

Loss rate: 1.60%

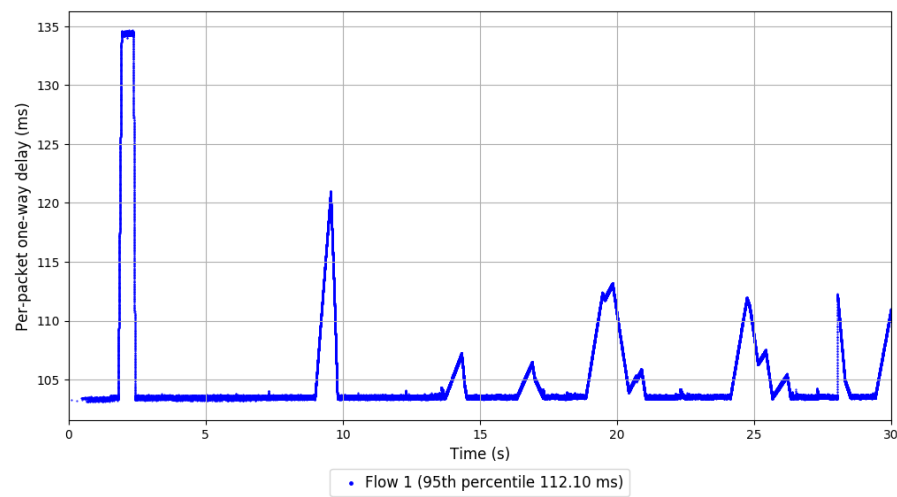
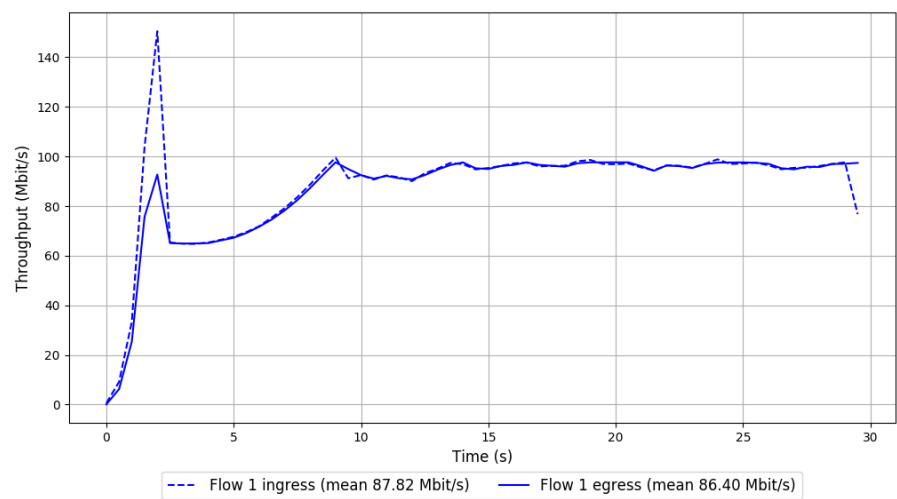
-- Flow 1:

Average throughput: 86.40 Mbit/s

95th percentile per-packet one-way delay: 112.102 ms

Loss rate: 1.60%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-01-25 11:27:49

End at: 2018-01-25 11:28:19

Local clock offset: -1.114 ms

Remote clock offset: 1.345 ms

Below is generated by plot.py at 2018-01-25 12:38:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.48 Mbit/s

95th percentile per-packet one-way delay: 115.083 ms

Loss rate: 1.53%

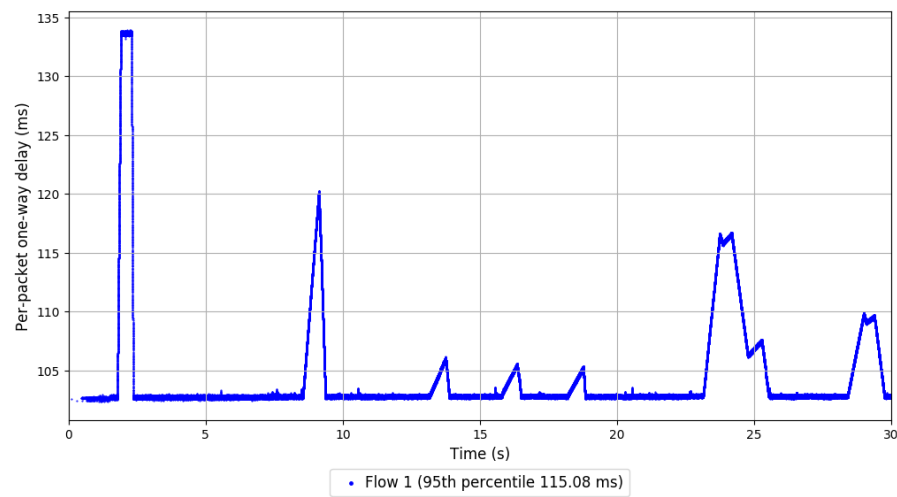
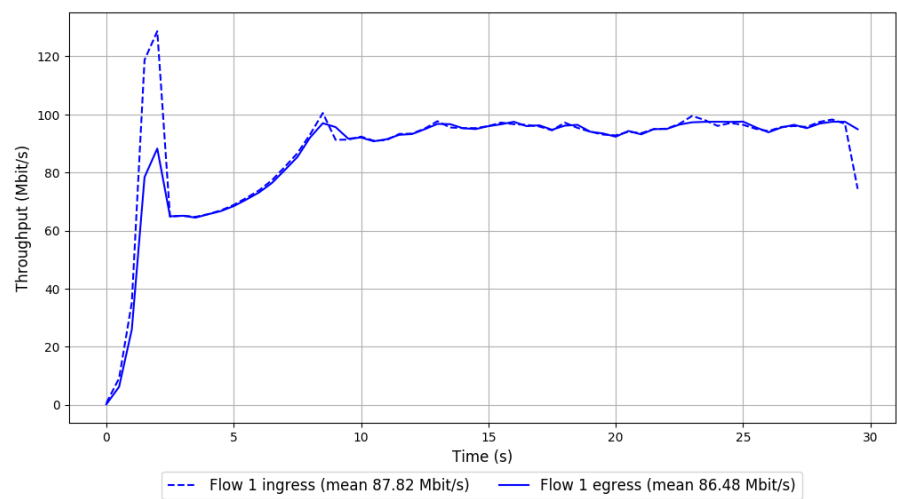
-- Flow 1:

Average throughput: 86.48 Mbit/s

95th percentile per-packet one-way delay: 115.083 ms

Loss rate: 1.53%

Run 8: Report of PCC — Data Link

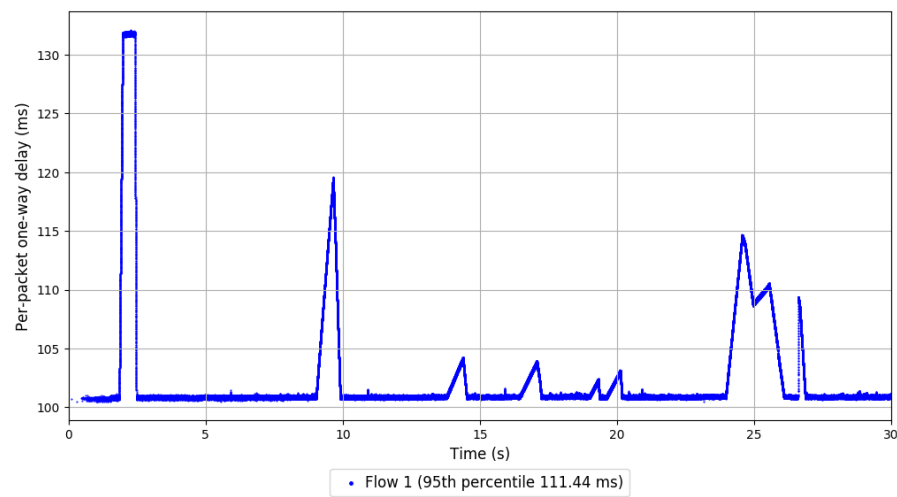
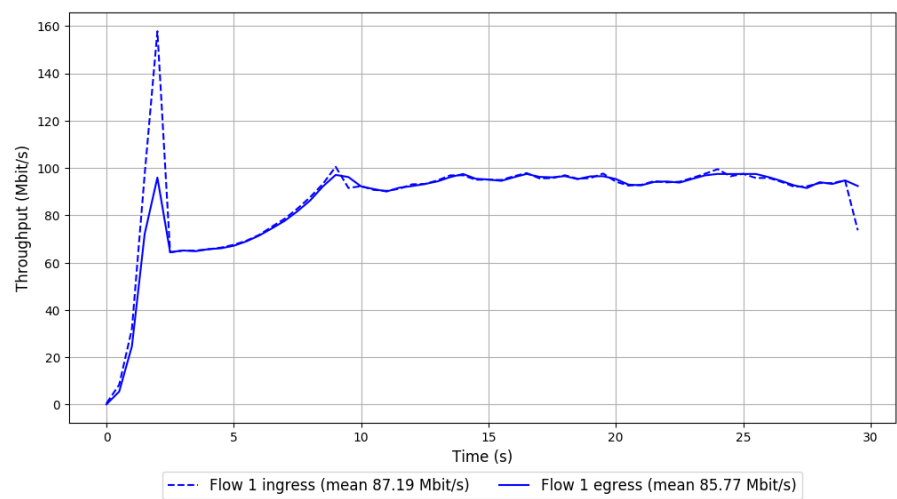


Run 9: Statistics of PCC

Start at: 2018-01-25 11:47:34
End at: 2018-01-25 11:48:04
Local clock offset: -0.968 ms
Remote clock offset: -4.843 ms

Below is generated by plot.py at 2018-01-25 12:39:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 111.444 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 85.77 Mbit/s
95th percentile per-packet one-way delay: 111.444 ms
Loss rate: 1.63%

Run 9: Report of PCC — Data Link

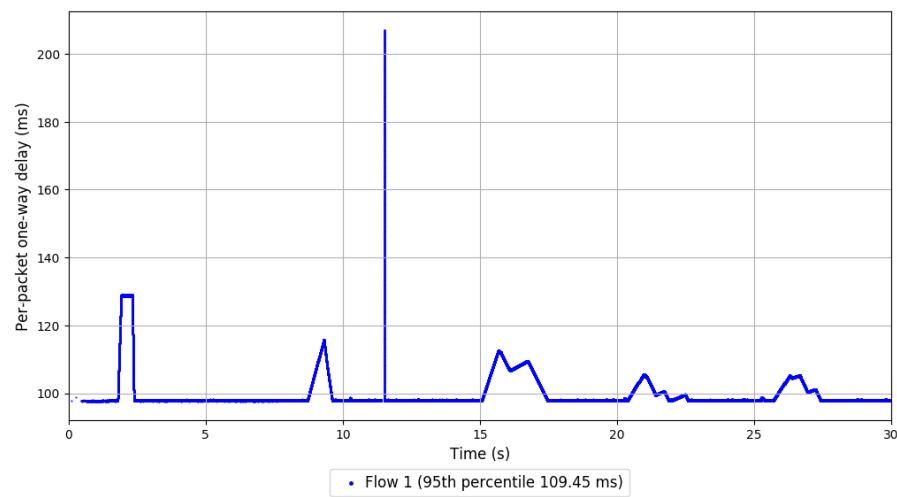
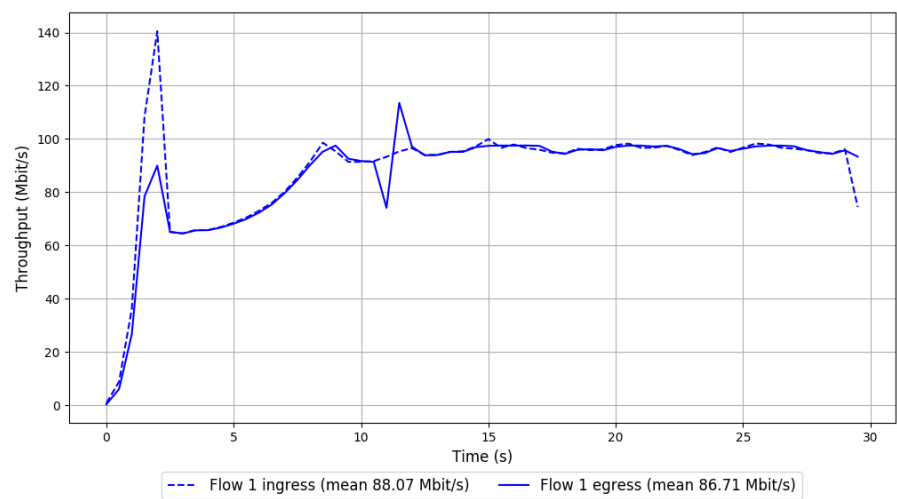


Run 10: Statistics of PCC

Start at: 2018-01-25 12:07:08
End at: 2018-01-25 12:07:38
Local clock offset: -0.791 ms
Remote clock offset: -2.247 ms

Below is generated by plot.py at 2018-01-25 12:39:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 109.450 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 109.450 ms
Loss rate: 1.53%

Run 10: Report of PCC — Data Link

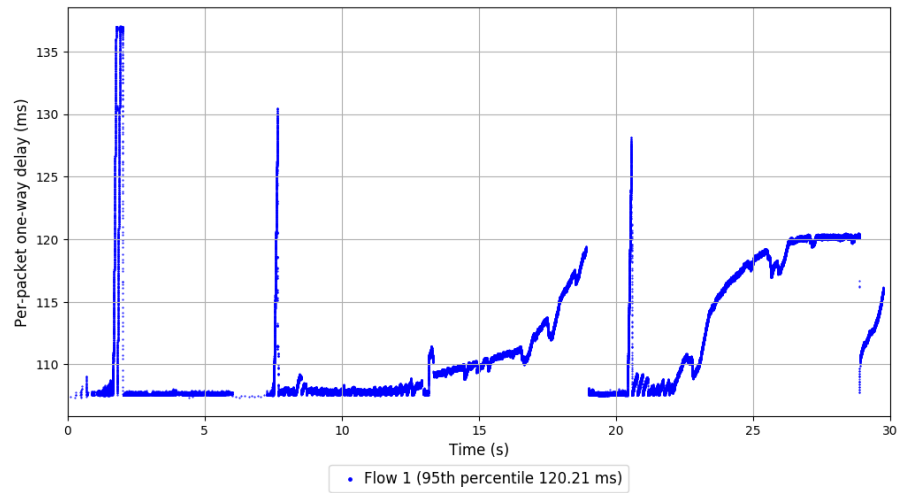
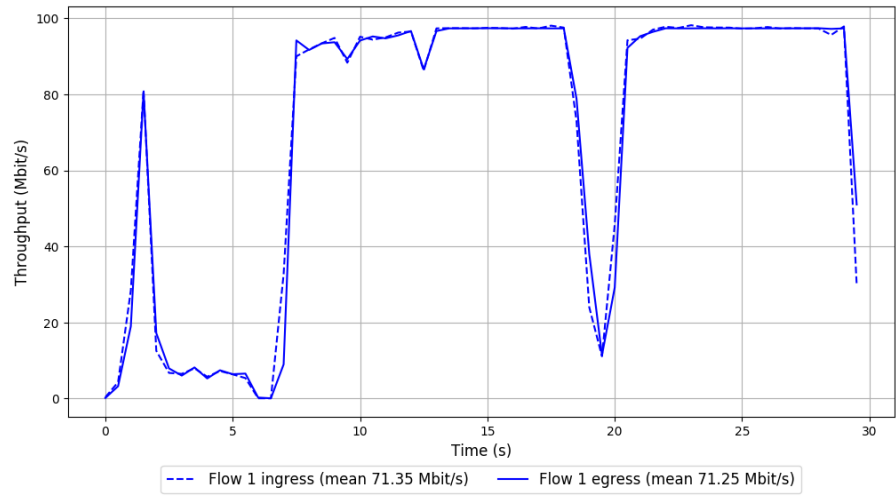


Run 1: Statistics of QUIC Cubic

Start at: 2018-01-25 09:02:40
End at: 2018-01-25 09:03:10
Local clock offset: -0.757 ms
Remote clock offset: -0.764 ms

Below is generated by plot.py at 2018-01-25 12:39:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.25 Mbit/s
95th percentile per-packet one-way delay: 120.207 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 71.25 Mbit/s
95th percentile per-packet one-way delay: 120.207 ms
Loss rate: 0.13%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-25 09:22:26

End at: 2018-01-25 09:22:57

Local clock offset: -0.948 ms

Remote clock offset: -5.838 ms

Below is generated by plot.py at 2018-01-25 12:39:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.87 Mbit/s

95th percentile per-packet one-way delay: 99.681 ms

Loss rate: 0.04%

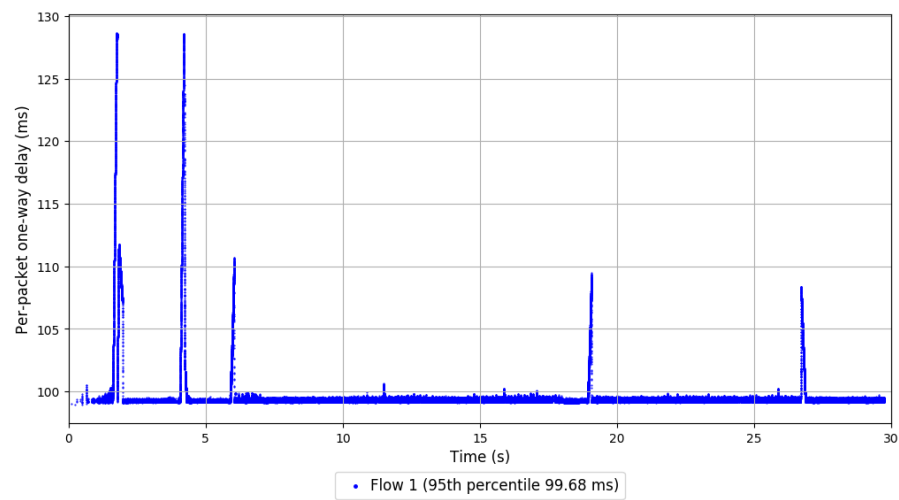
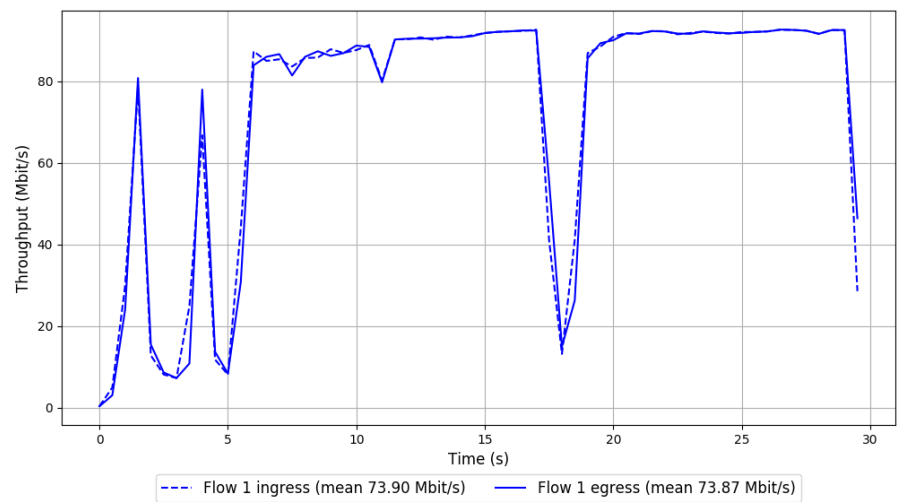
-- Flow 1:

Average throughput: 73.87 Mbit/s

95th percentile per-packet one-way delay: 99.681 ms

Loss rate: 0.04%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-25 09:42:03

End at: 2018-01-25 09:42:33

Local clock offset: -1.019 ms

Remote clock offset: -1.369 ms

Below is generated by plot.py at 2018-01-25 12:39:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.27 Mbit/s

95th percentile per-packet one-way delay: 120.169 ms

Loss rate: 0.14%

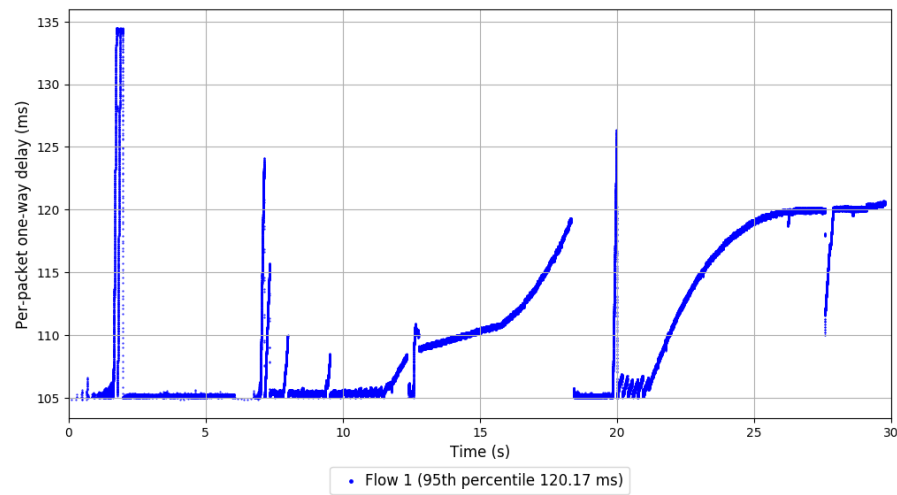
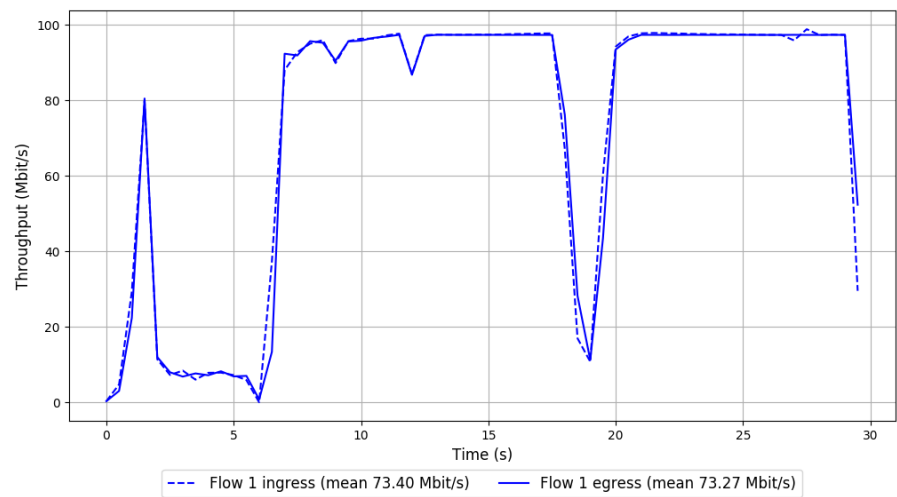
-- Flow 1:

Average throughput: 73.27 Mbit/s

95th percentile per-packet one-way delay: 120.169 ms

Loss rate: 0.14%

Run 3: Report of QUIC Cubic — Data Link

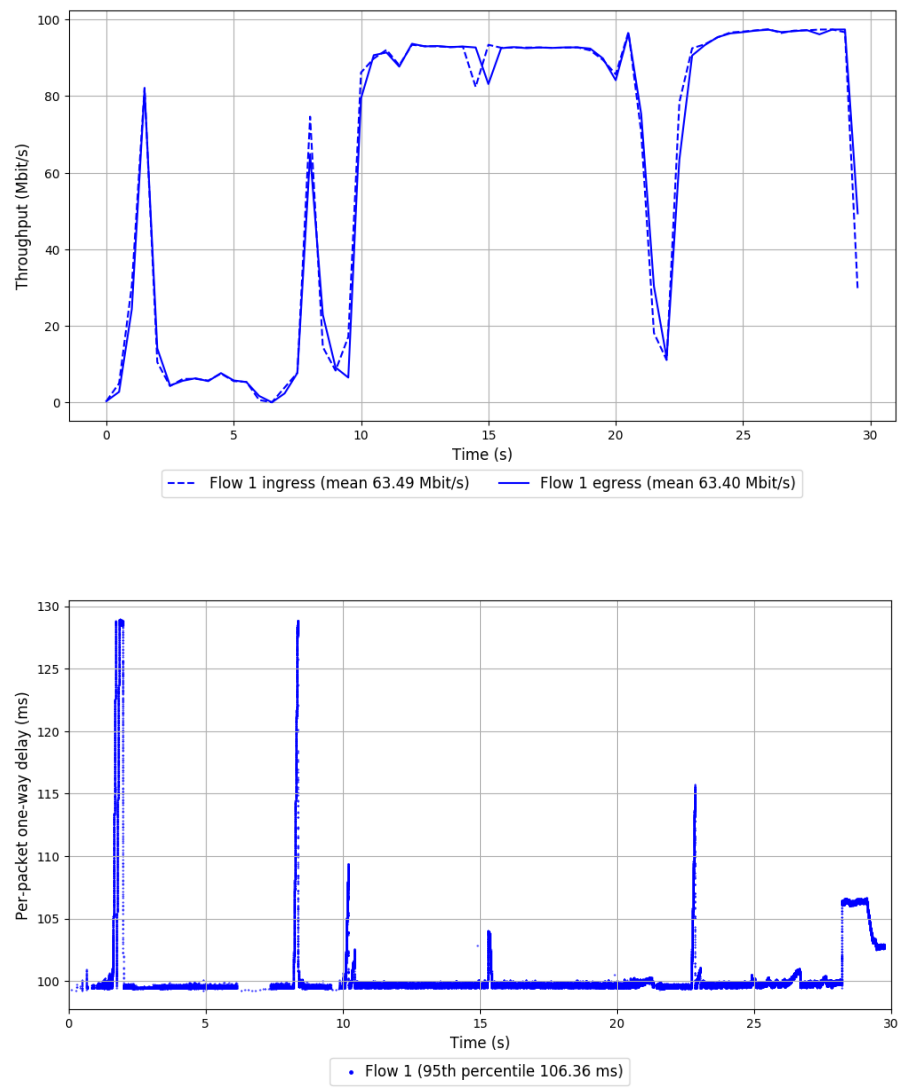


Run 4: Statistics of QUIC Cubic

Start at: 2018-01-25 10:01:50
End at: 2018-01-25 10:02:20
Local clock offset: -0.97 ms
Remote clock offset: -1.937 ms

Below is generated by plot.py at 2018-01-25 12:39:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 106.364 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 63.40 Mbit/s
95th percentile per-packet one-way delay: 106.364 ms
Loss rate: 0.14%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-25 10:21:24

End at: 2018-01-25 10:21:54

Local clock offset: -1.031 ms

Remote clock offset: -6.86 ms

Below is generated by plot.py at 2018-01-25 12:39:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.07 Mbit/s

95th percentile per-packet one-way delay: 101.866 ms

Loss rate: 0.17%

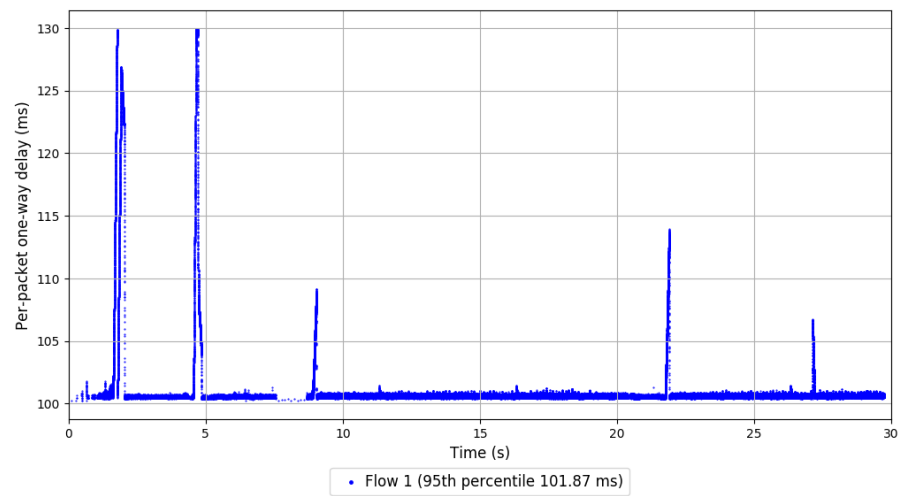
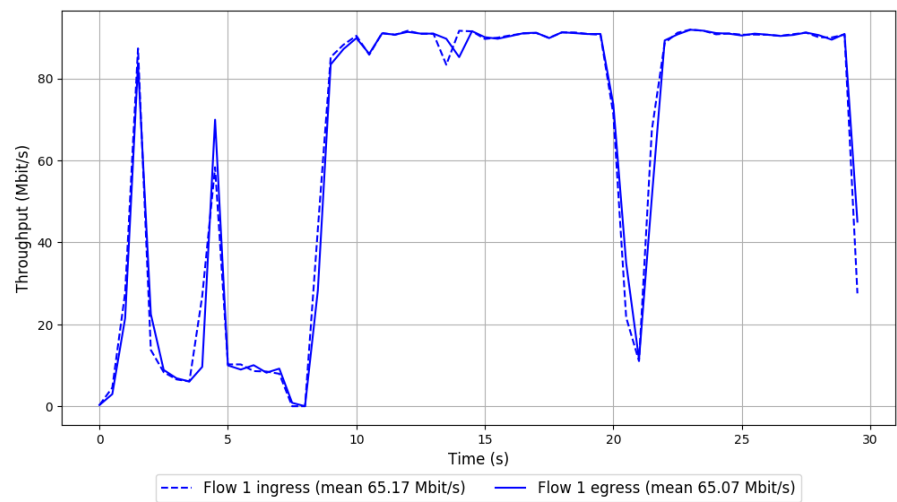
-- Flow 1:

Average throughput: 65.07 Mbit/s

95th percentile per-packet one-way delay: 101.866 ms

Loss rate: 0.17%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-25 10:41:03

End at: 2018-01-25 10:41:33

Local clock offset: -1.003 ms

Remote clock offset: 1.004 ms

Below is generated by plot.py at 2018-01-25 12:40:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.23 Mbit/s

95th percentile per-packet one-way delay: 121.659 ms

Loss rate: 0.15%

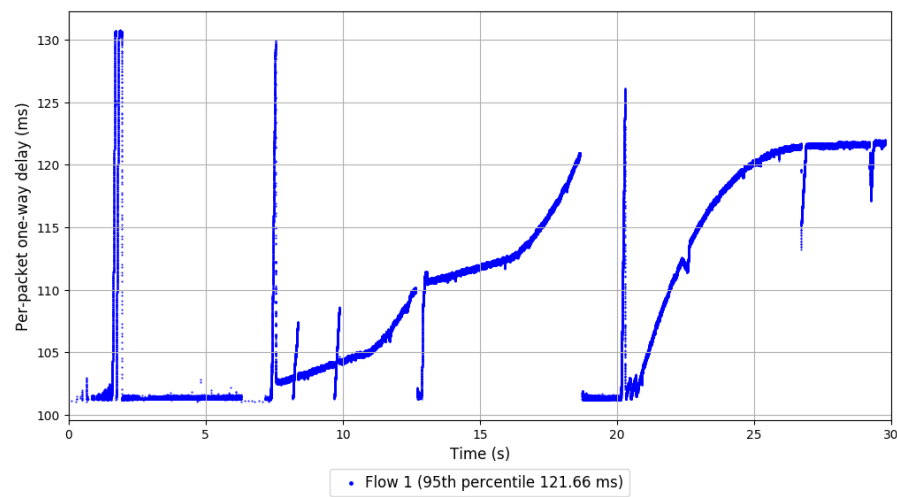
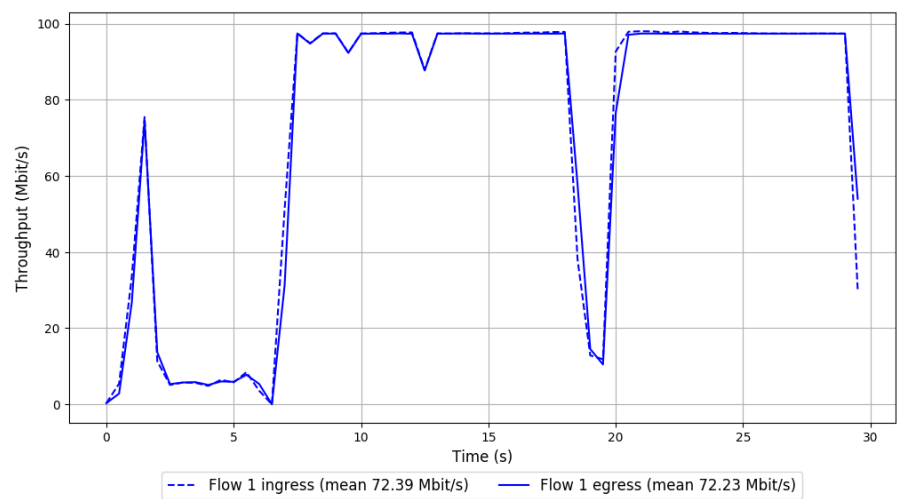
-- Flow 1:

Average throughput: 72.23 Mbit/s

95th percentile per-packet one-way delay: 121.659 ms

Loss rate: 0.15%

Run 6: Report of QUIC Cubic — Data Link

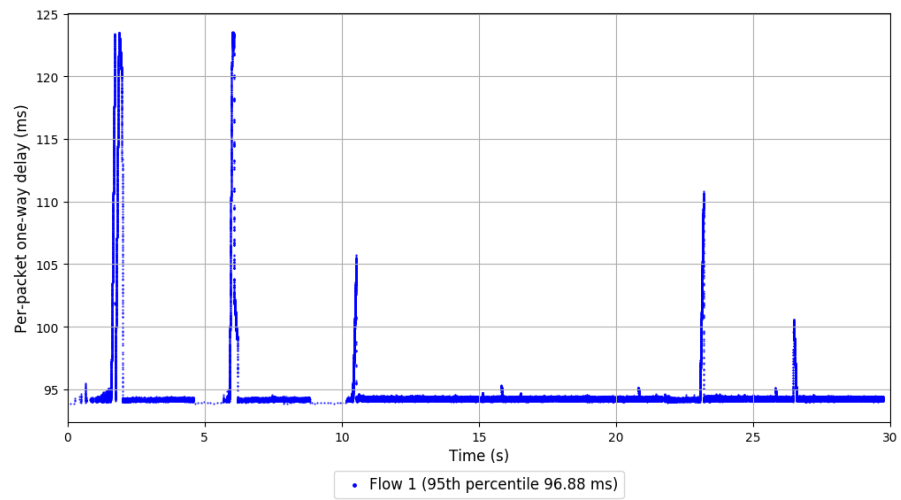
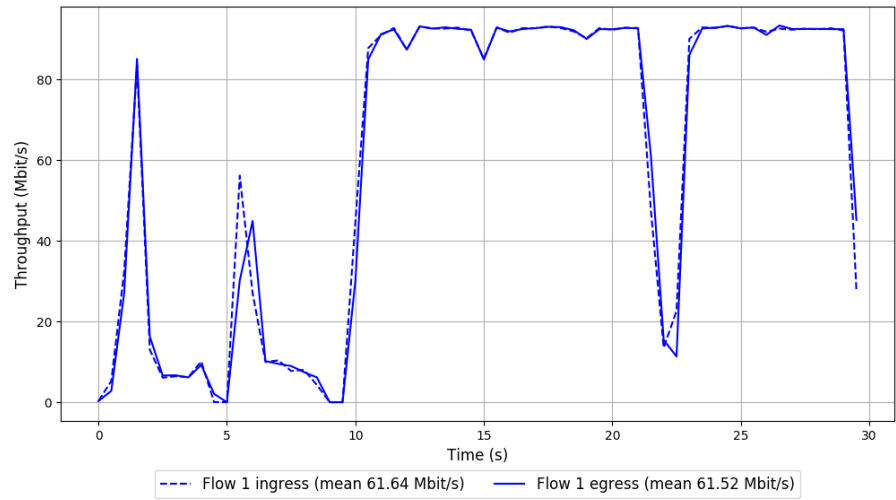


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-25 11:00:42
End at: 2018-01-25 11:01:12
Local clock offset: -1.051 ms
Remote clock offset: -5.075 ms

Below is generated by plot.py at 2018-01-25 12:40:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 96.883 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 61.52 Mbit/s
95th percentile per-packet one-way delay: 96.883 ms
Loss rate: 0.20%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-25 11:20:25

End at: 2018-01-25 11:20:55

Local clock offset: -1.099 ms

Remote clock offset: -4.39 ms

Below is generated by plot.py at 2018-01-25 12:41:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 59.35 Mbit/s

95th percentile per-packet one-way delay: 116.886 ms

Loss rate: 0.37%

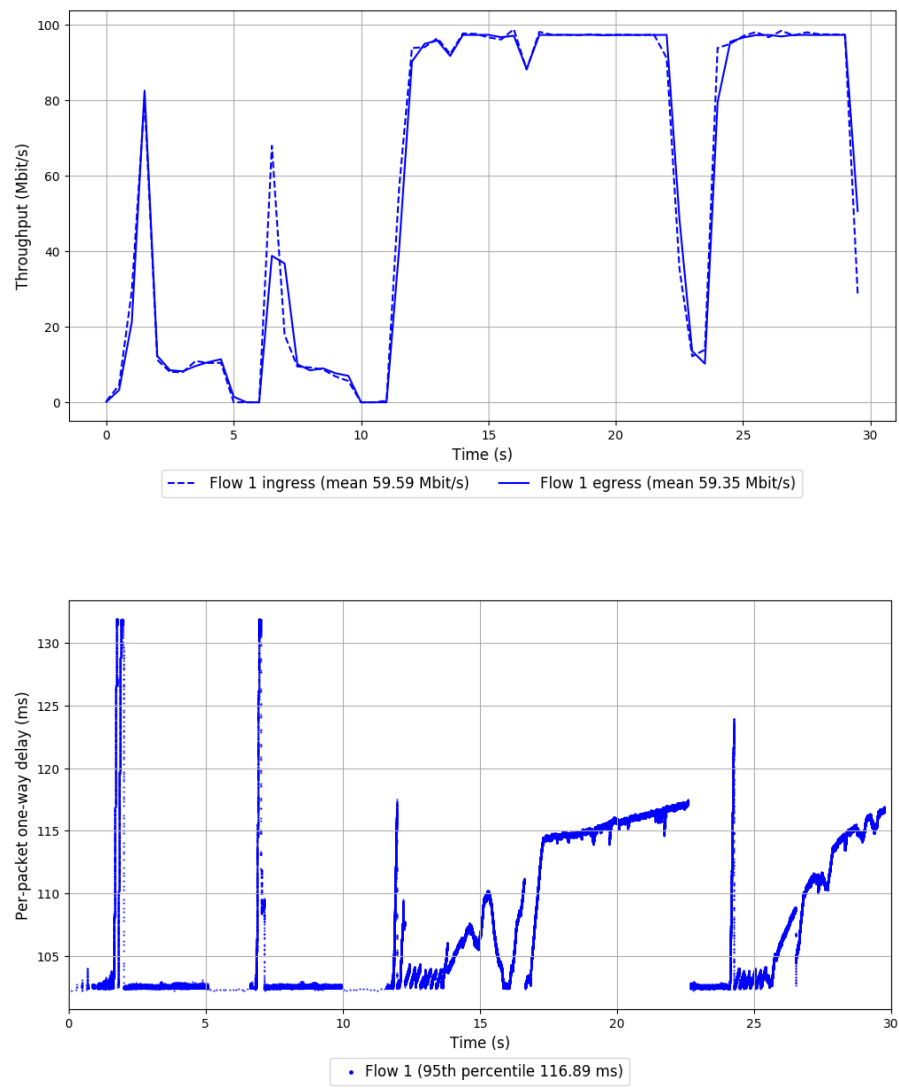
-- Flow 1:

Average throughput: 59.35 Mbit/s

95th percentile per-packet one-way delay: 116.886 ms

Loss rate: 0.37%

Run 8: Report of QUIC Cubic — Data Link

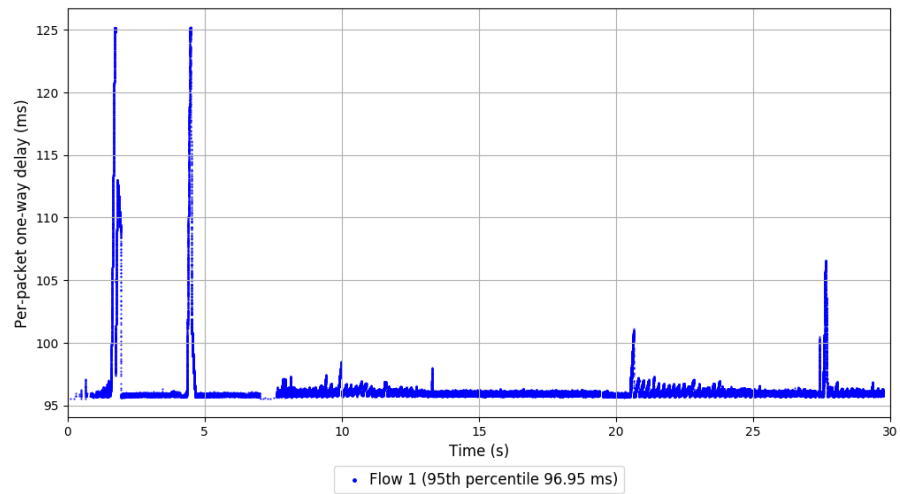
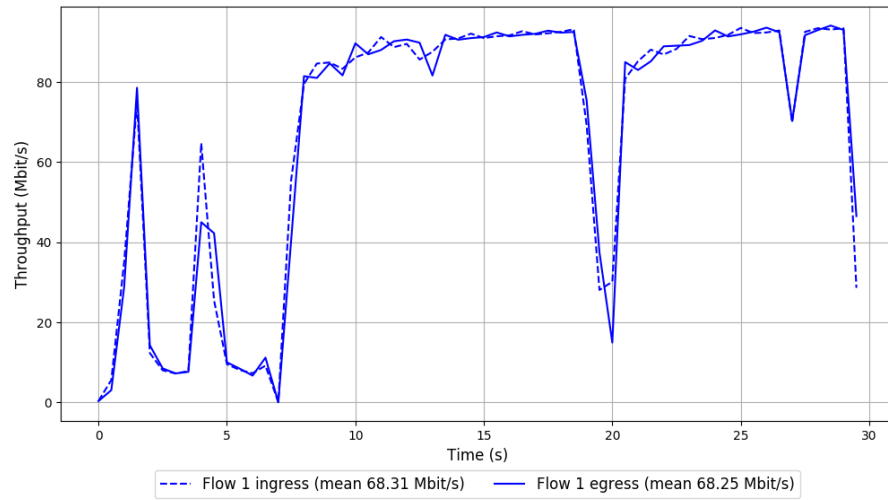


Run 9: Statistics of QUIC Cubic

Start at: 2018-01-25 11:40:10
End at: 2018-01-25 11:40:40
Local clock offset: -1.07 ms
Remote clock offset: -5.545 ms

Below is generated by plot.py at 2018-01-25 12:41:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.25 Mbit/s
95th percentile per-packet one-way delay: 96.953 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.25 Mbit/s
95th percentile per-packet one-way delay: 96.953 ms
Loss rate: 0.09%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-25 11:59:44

End at: 2018-01-25 12:00:14

Local clock offset: -0.888 ms

Remote clock offset: -5.897 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.01 Mbit/s

95th percentile per-packet one-way delay: 101.639 ms

Loss rate: 0.01%

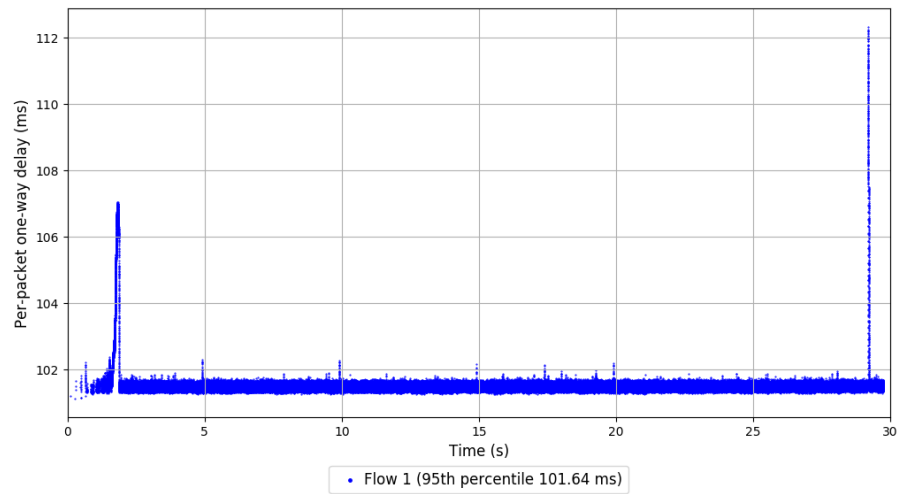
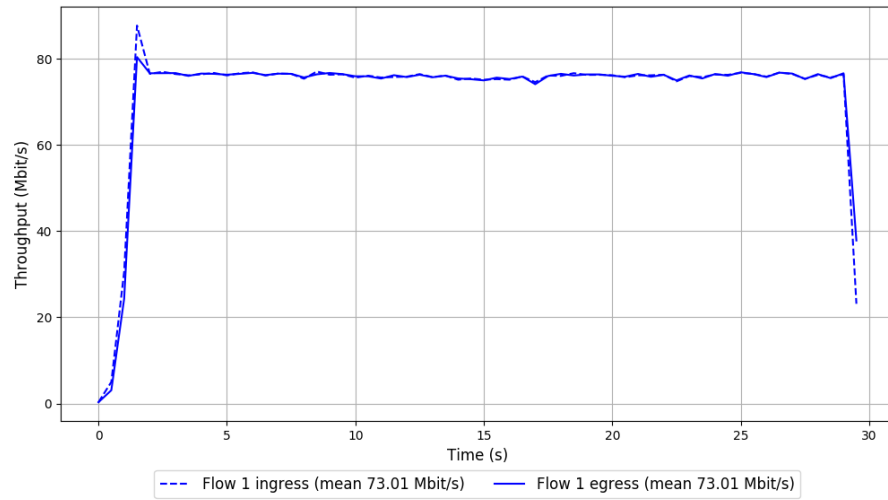
-- Flow 1:

Average throughput: 73.01 Mbit/s

95th percentile per-packet one-way delay: 101.639 ms

Loss rate: 0.01%

Run 10: Report of QUIC Cubic — Data Link

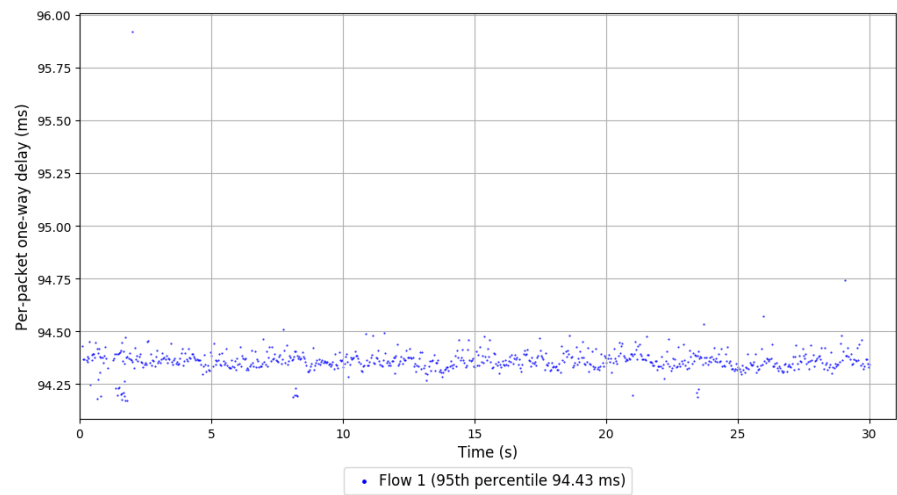
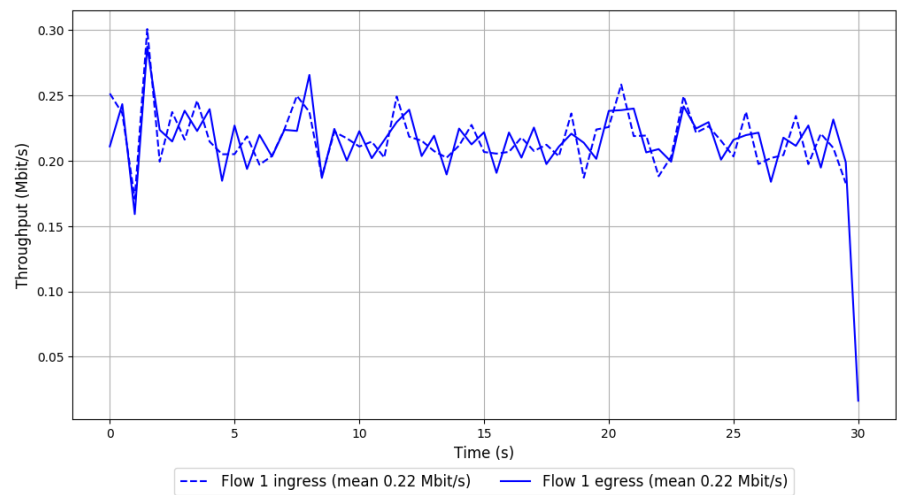


```
Run 1: Statistics of SCReAM

Start at: 2018-01-25 09:11:20
End at: 2018-01-25 09:11:50
Local clock offset: -0.828 ms
Remote clock offset: -6.212 ms

# Below is generated by plot.py at 2018-01-25 12:41:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.433 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.433 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

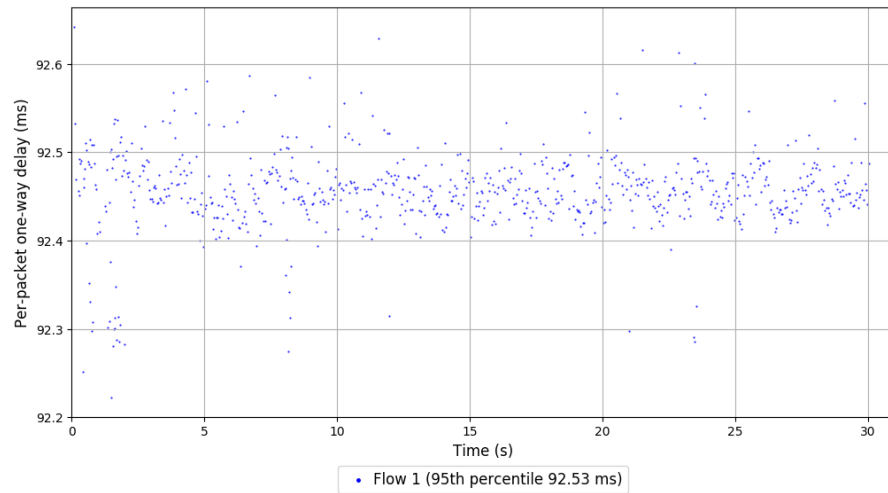
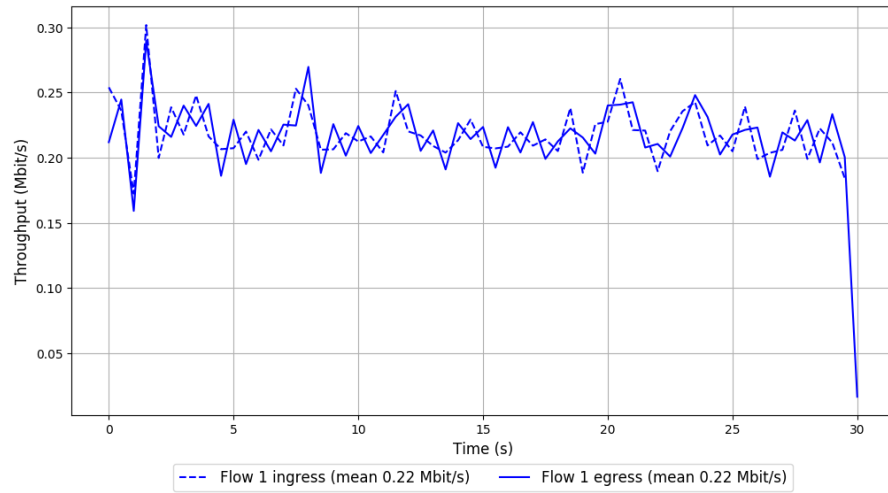


Run 2: Statistics of SCReAM

Start at: 2018-01-25 09:31:05
End at: 2018-01-25 09:31:35
Local clock offset: -0.954 ms
Remote clock offset: -5.733 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 92.525 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 92.525 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

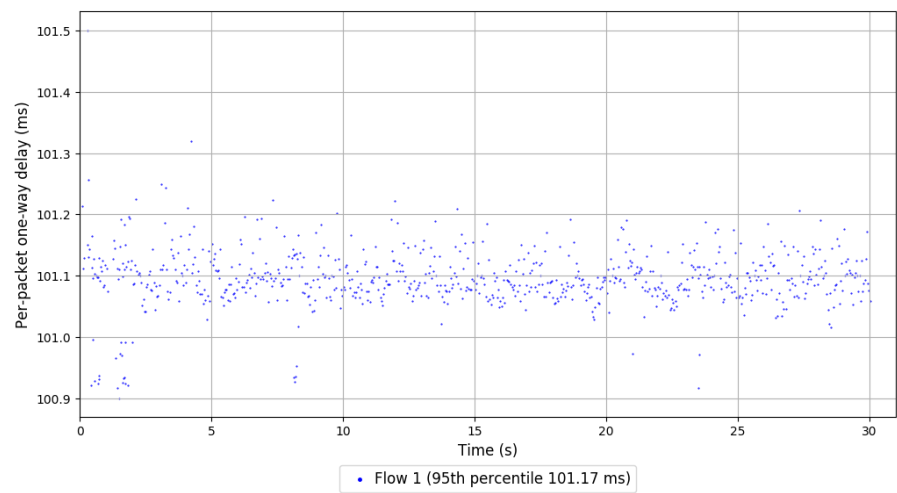
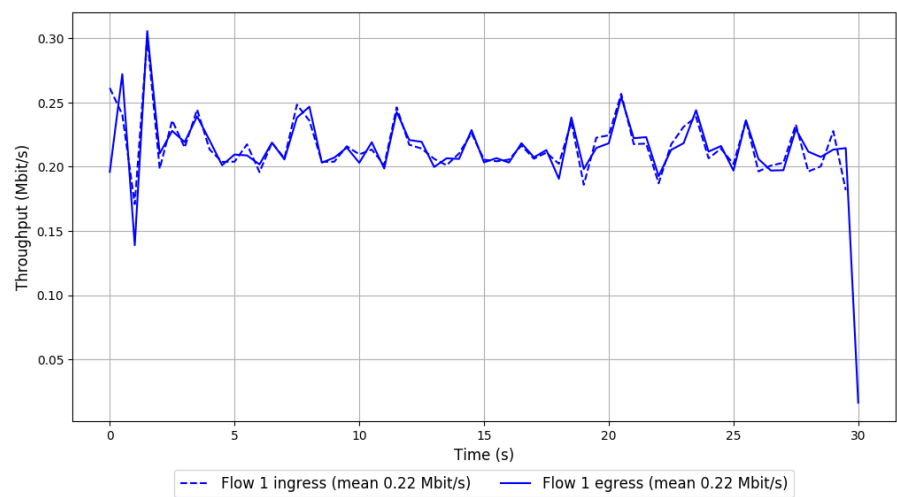


Run 3: Statistics of SCReAM

Start at: 2018-01-25 09:50:44
End at: 2018-01-25 09:51:14
Local clock offset: -0.979 ms
Remote clock offset: -1.372 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.171 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

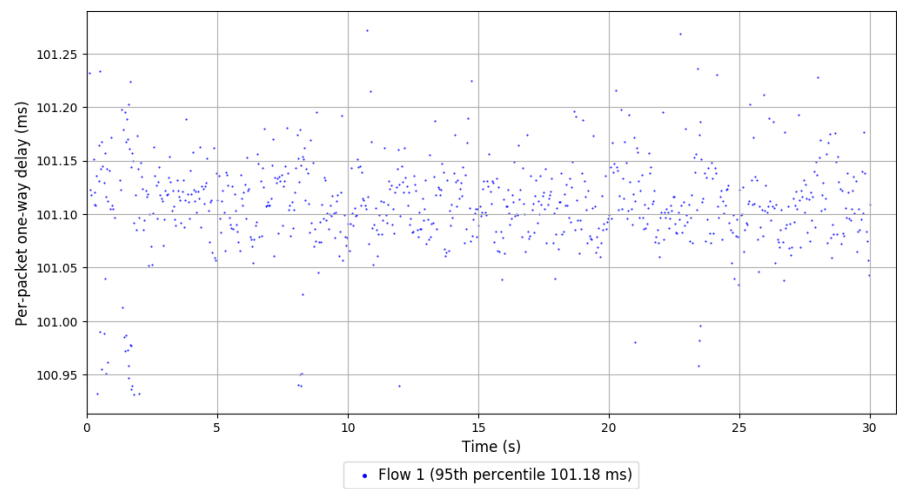
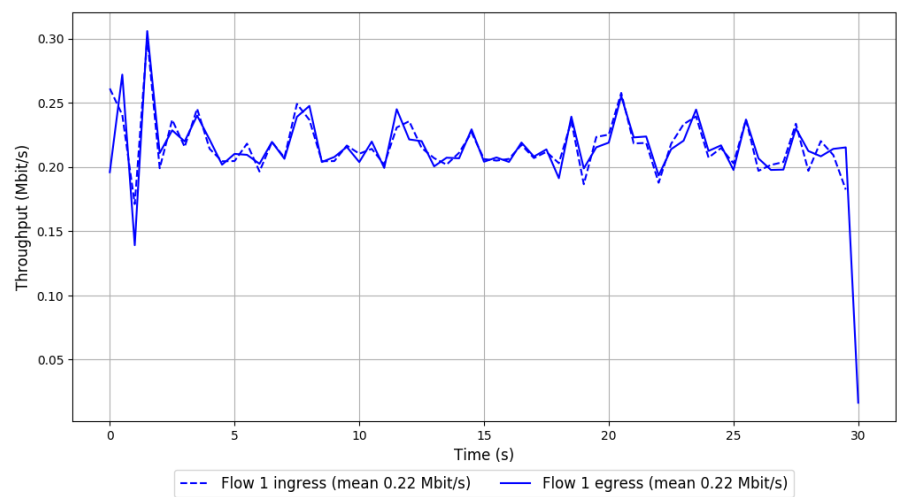


Run 4: Statistics of SCReAM

Start at: 2018-01-25 10:10:26
End at: 2018-01-25 10:10:56
Local clock offset: -1.05 ms
Remote clock offset: -1.923 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 101.176 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

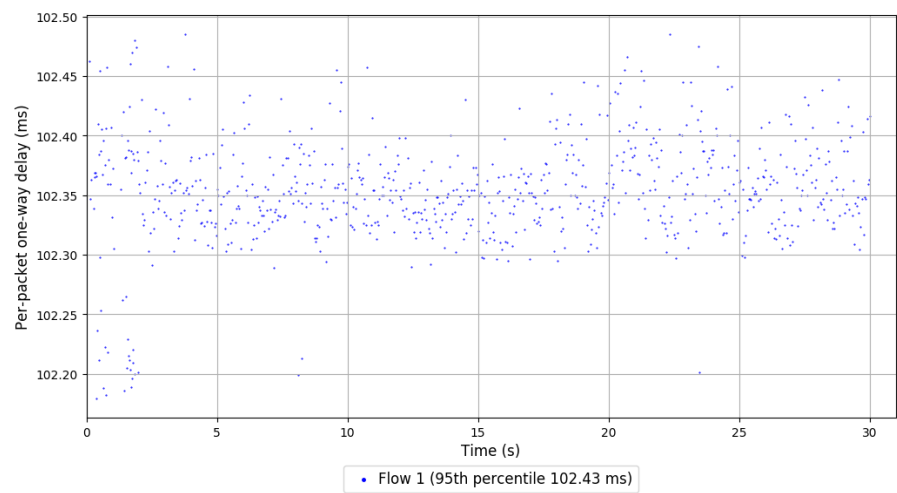
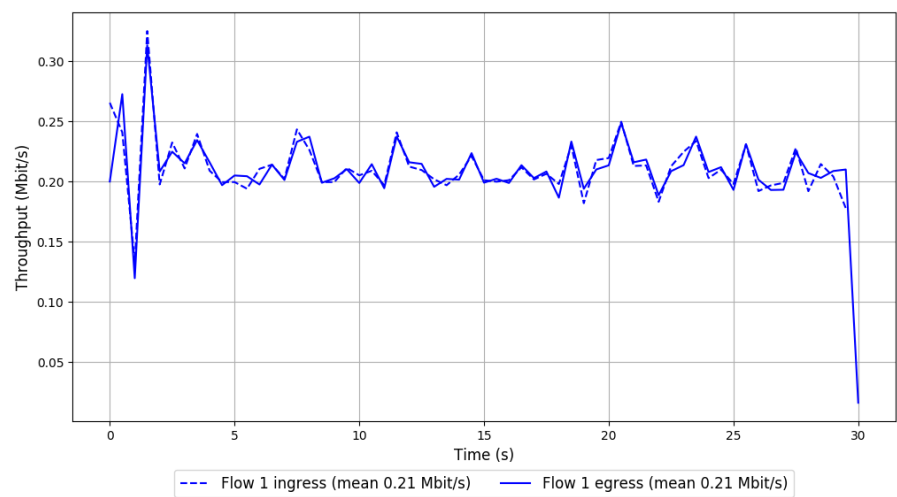


Run 5: Statistics of SCReAM

Start at: 2018-01-25 10:30:04
End at: 2018-01-25 10:30:34
Local clock offset: -0.979 ms
Remote clock offset: -5.983 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 102.428 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 102.428 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

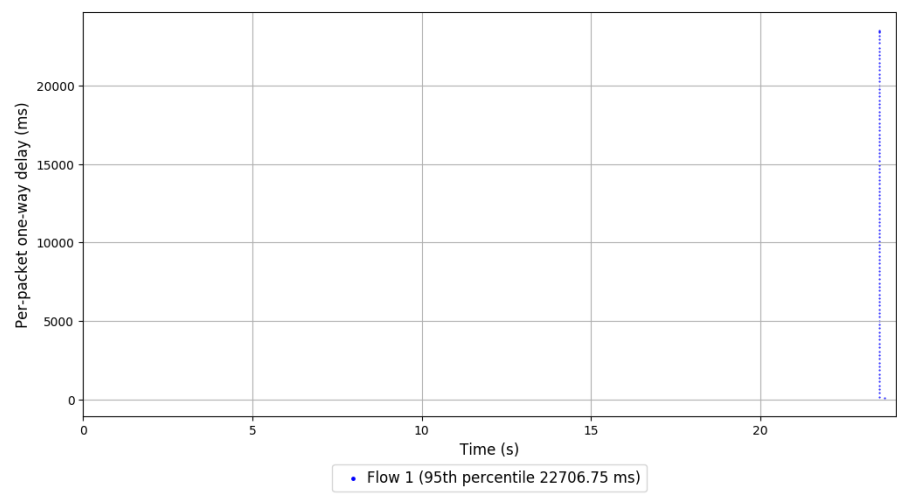
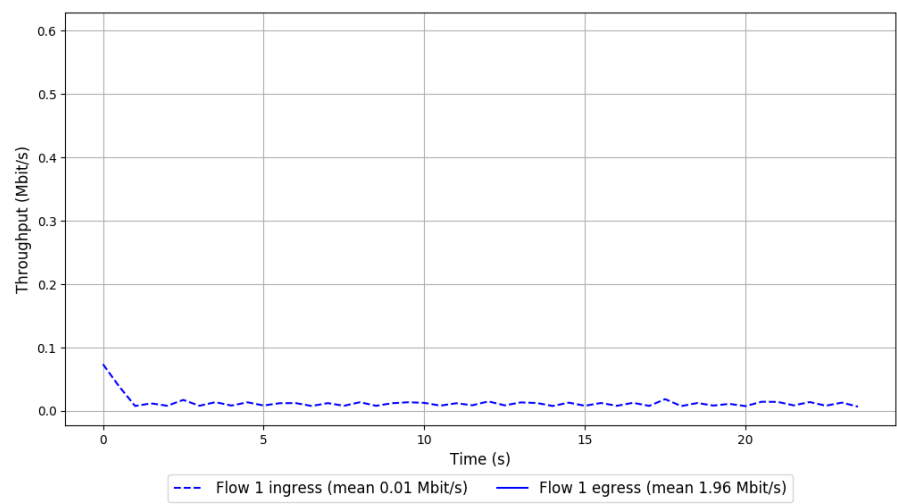
Start at: 2018-01-25 10:49:42

End at: 2018-01-25 10:50:12

Local clock offset: -1.033 ms

Remote clock offset: -3.574 ms

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-01-25 11:09:20

End at: 2018-01-25 11:09:50

Local clock offset: -1.053 ms

Remote clock offset: 0.62 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 103.284 ms

Loss rate: 0.00%

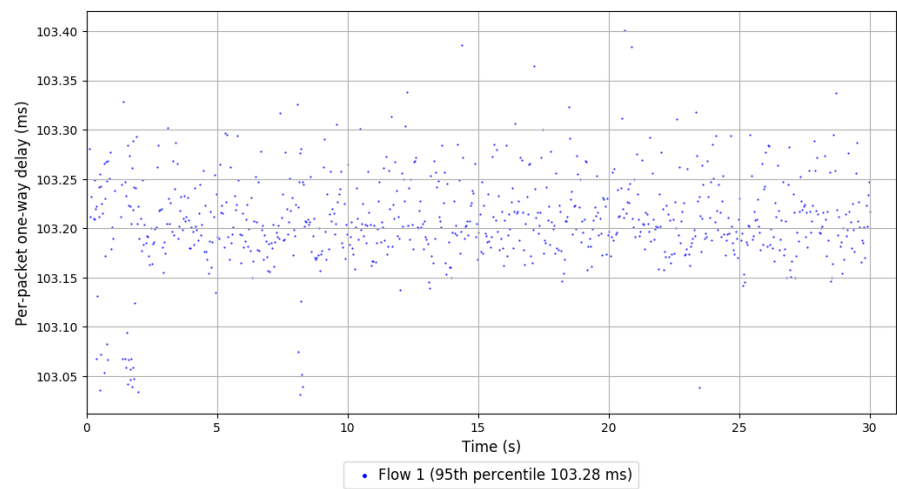
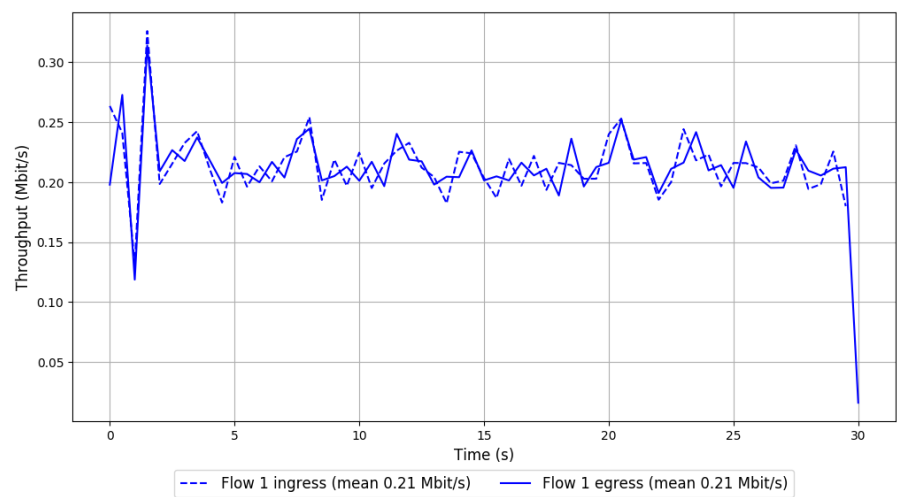
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 103.284 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

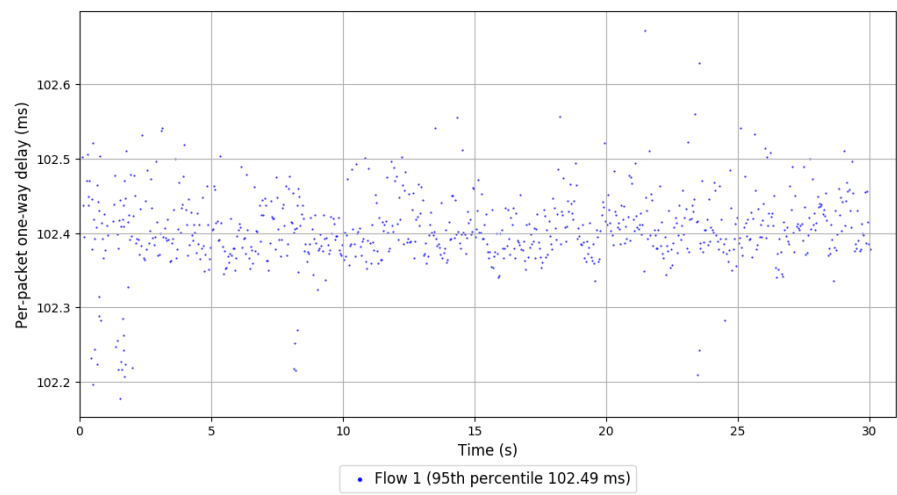
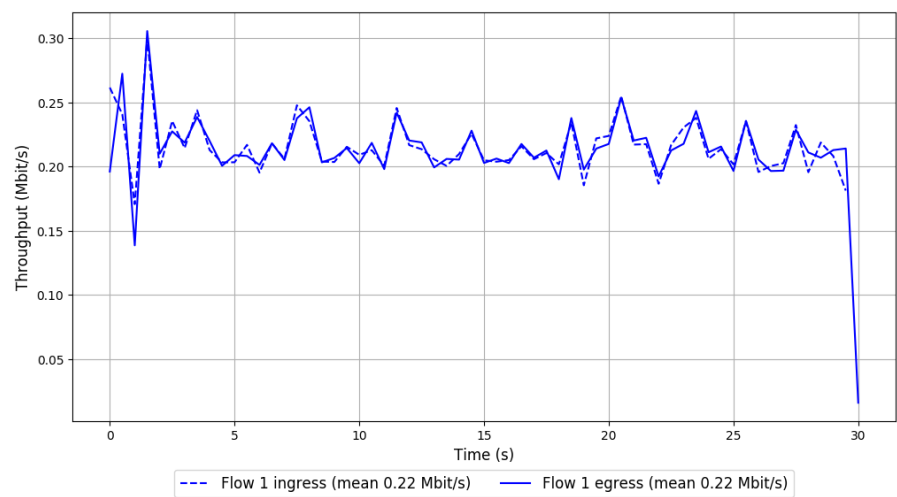


Run 8: Statistics of SCReAM

Start at: 2018-01-25 11:29:03
End at: 2018-01-25 11:29:33
Local clock offset: -1.115 ms
Remote clock offset: -0.548 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 102.488 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

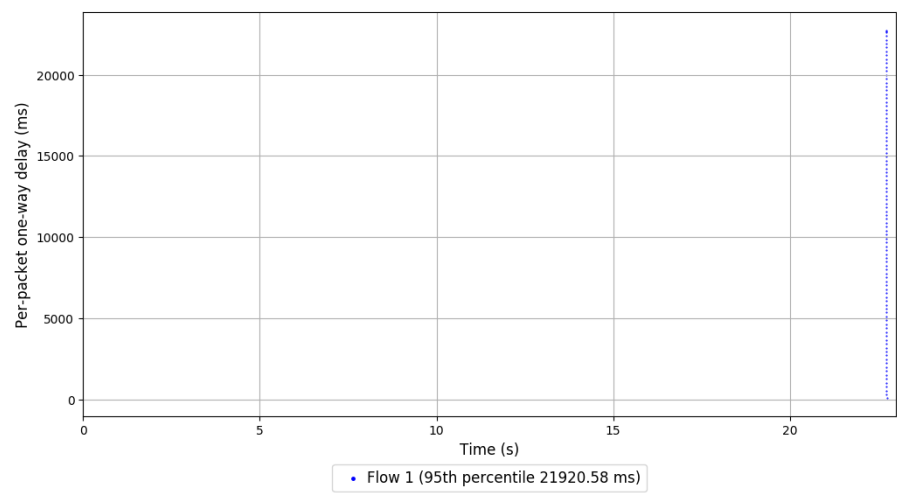
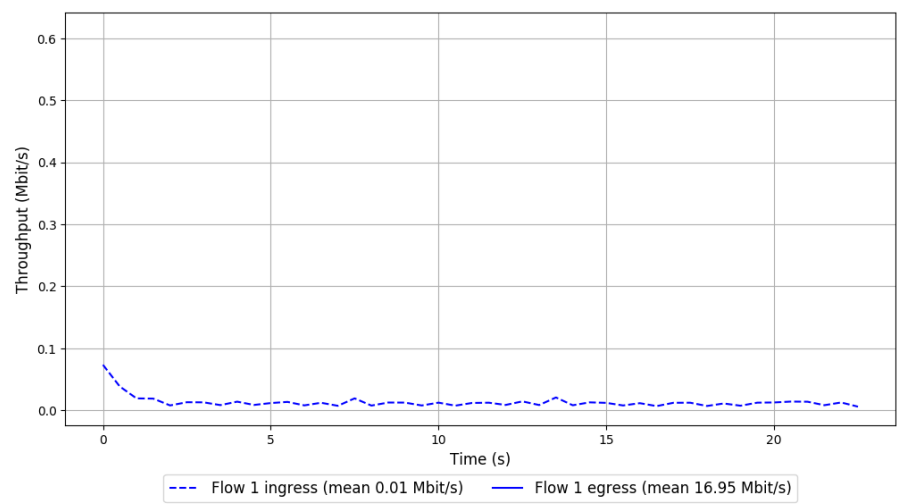
Start at: 2018-01-25 11:48:48

End at: 2018-01-25 11:49:18

Local clock offset: -0.944 ms

Remote clock offset: 0.15 ms

Run 9: Report of SReAM — Data Link

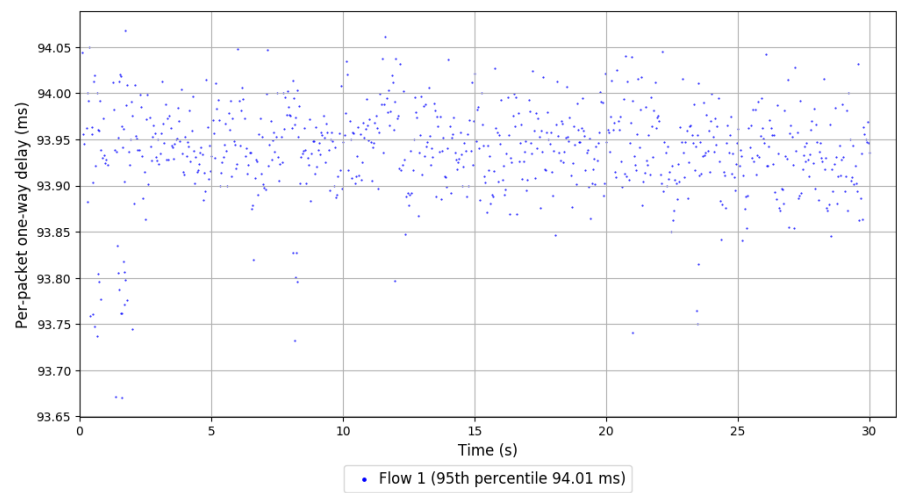
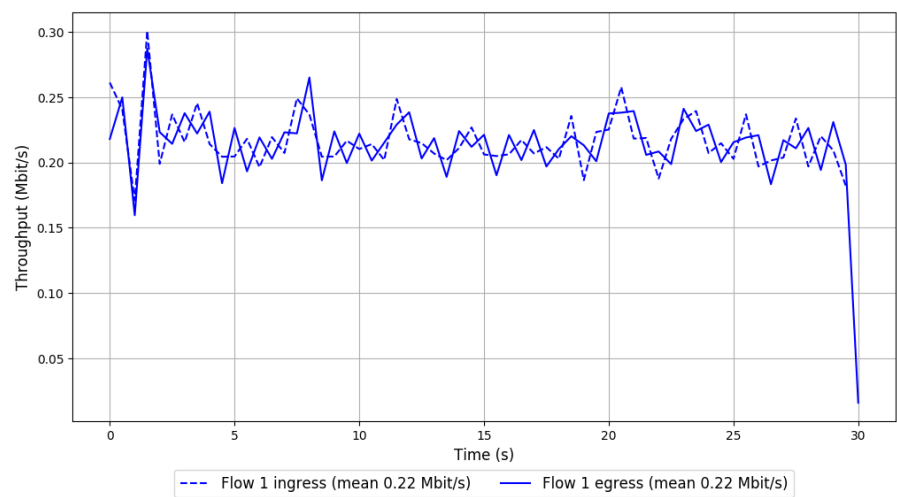


Run 10: Statistics of SReAM

Start at: 2018-01-25 12:08:21
End at: 2018-01-25 12:08:51
Local clock offset: -0.854 ms
Remote clock offset: -7.069 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 94.013 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

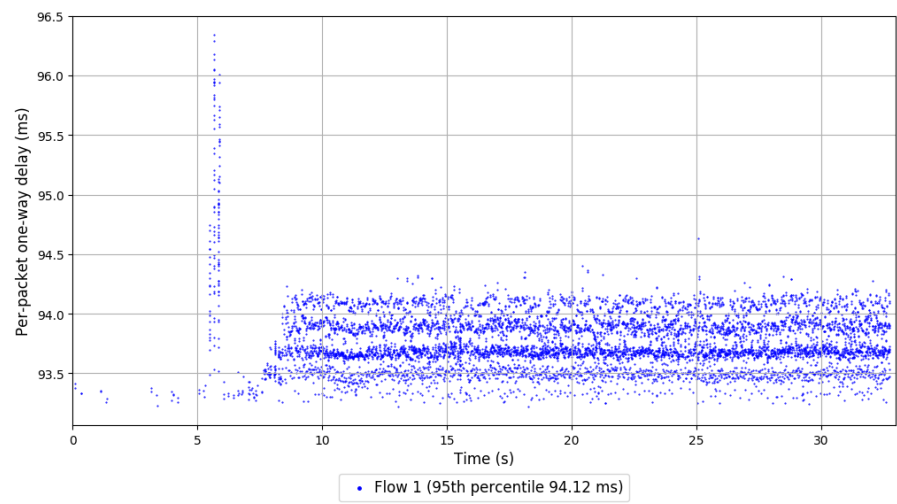
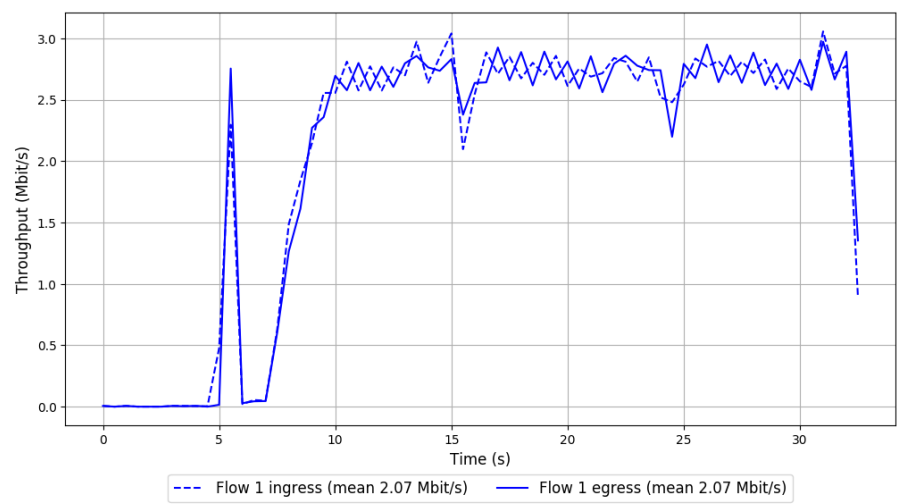


Run 1: Statistics of WebRTC media

Start at: 2018-01-25 09:05:08
End at: 2018-01-25 09:05:38
Local clock offset: -0.77 ms
Remote clock offset: -5.285 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 94.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 94.125 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

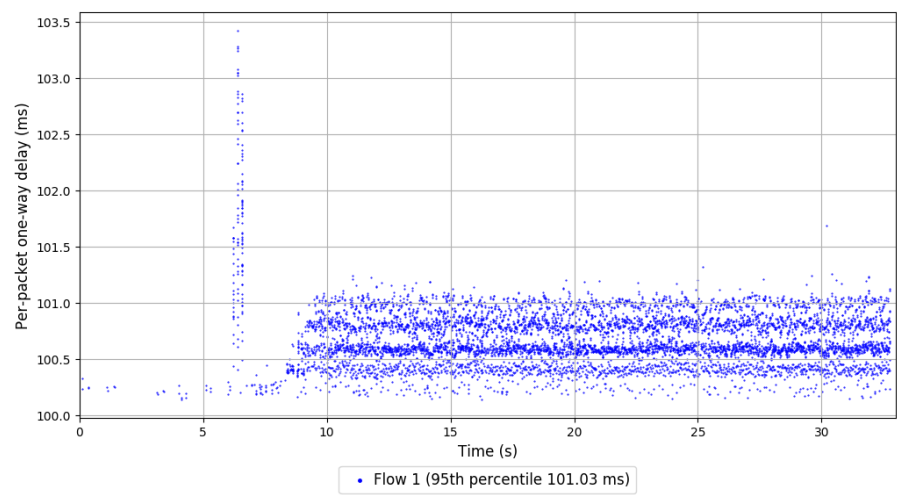
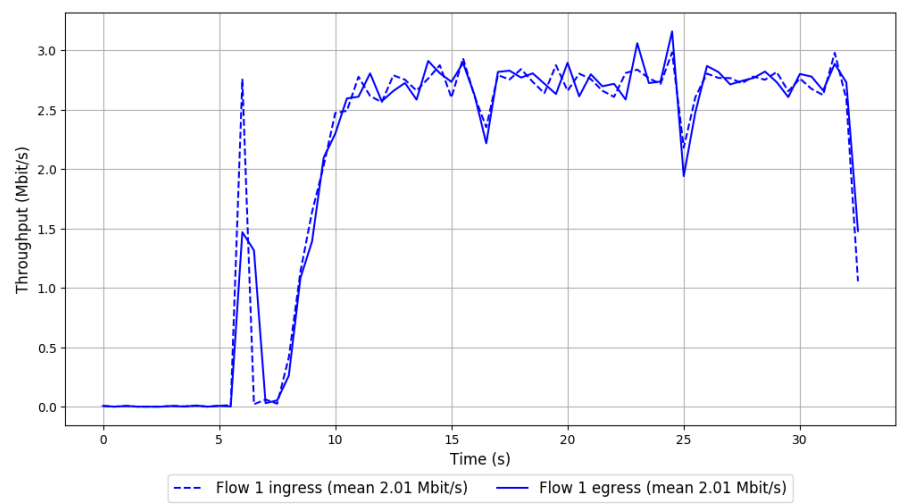


Run 2: Statistics of WebRTC media

Start at: 2018-01-25 09:24:55
End at: 2018-01-25 09:25:25
Local clock offset: -0.958 ms
Remote clock offset: -1.083 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 101.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 101.029 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

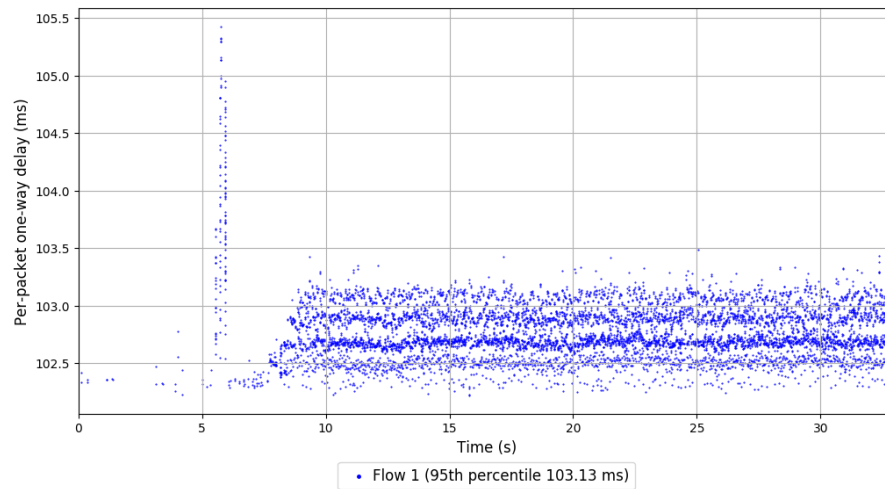
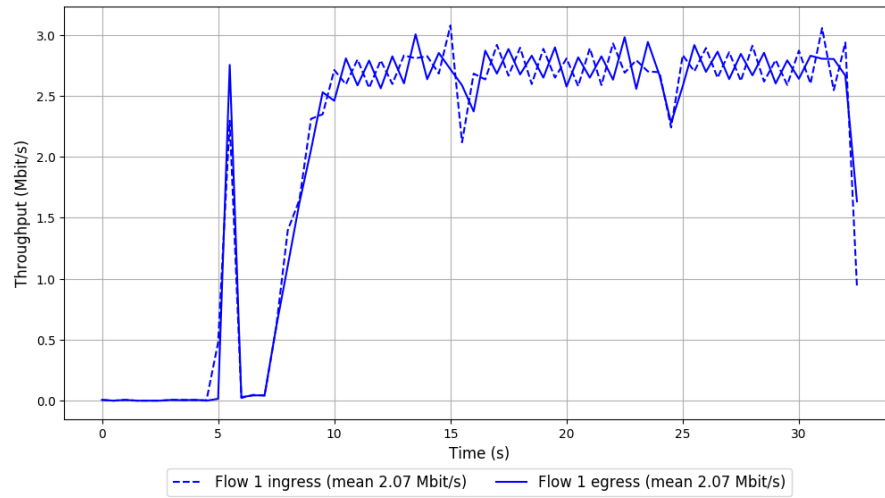


Run 3: Statistics of WebRTC media

Start at: 2018-01-25 09:44:32
End at: 2018-01-25 09:45:02
Local clock offset: -0.942 ms
Remote clock offset: -1.058 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 103.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 103.126 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

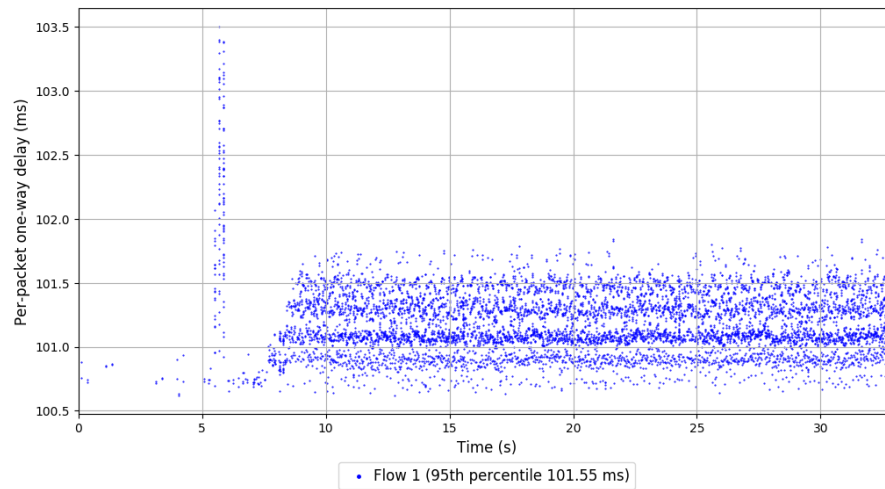
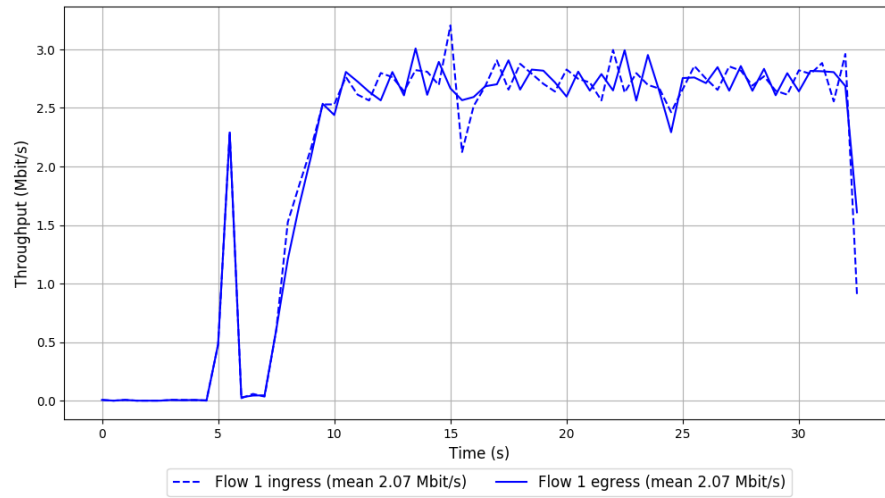


Run 4: Statistics of WebRTC media

Start at: 2018-01-25 10:04:18
End at: 2018-01-25 10:04:48
Local clock offset: -0.982 ms
Remote clock offset: -2.315 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 101.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 101.549 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

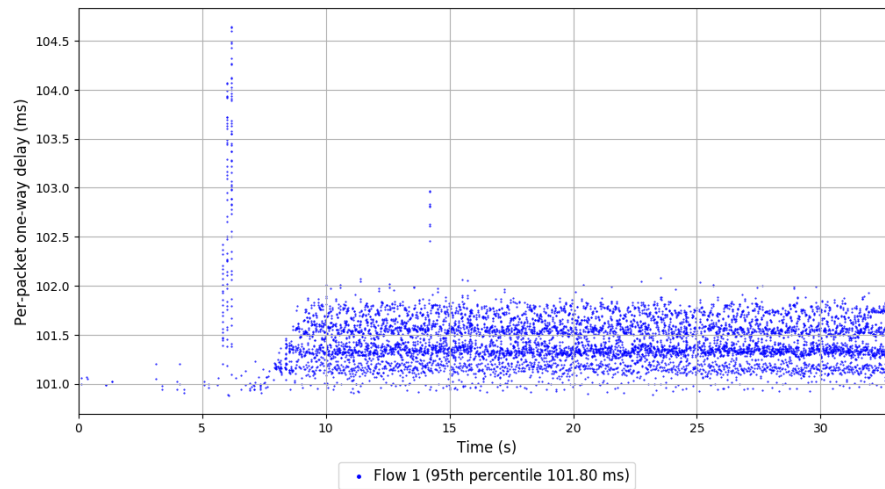
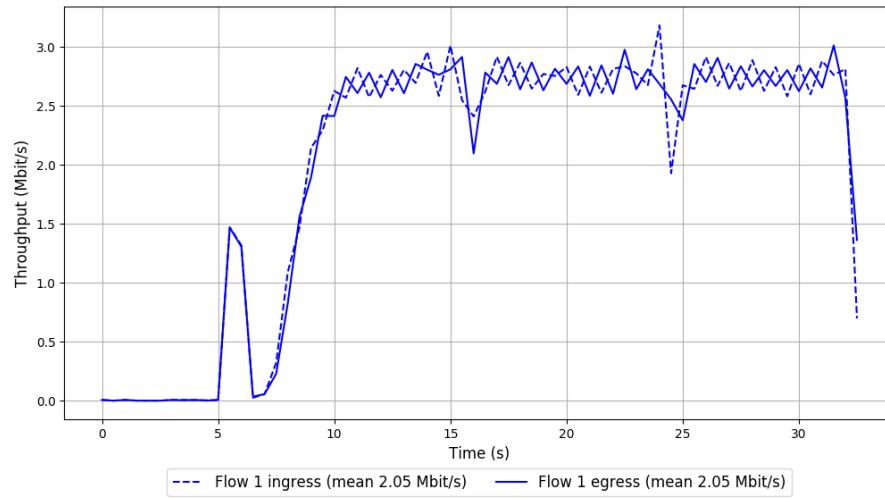


Run 5: Statistics of WebRTC media

Start at: 2018-01-25 10:23:52
End at: 2018-01-25 10:24:22
Local clock offset: -0.98 ms
Remote clock offset: -0.143 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 101.795 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 101.795 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

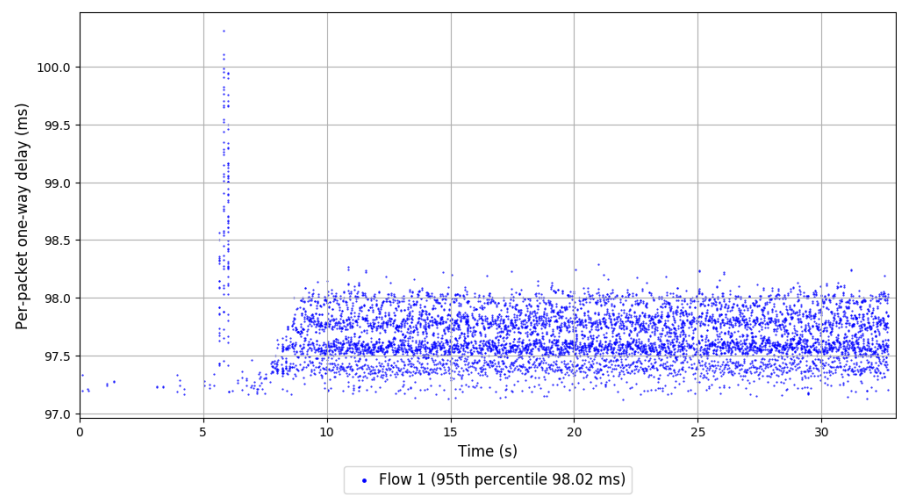
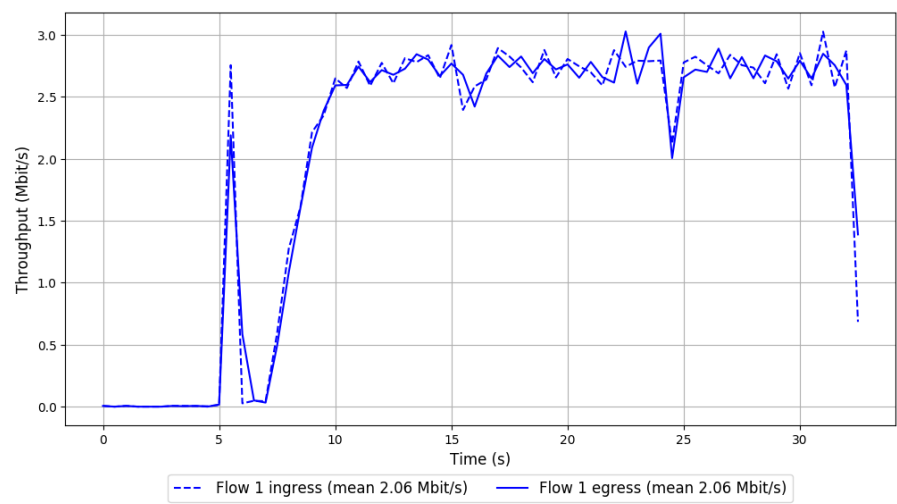


Run 6: Statistics of WebRTC media

Start at: 2018-01-25 10:43:32
End at: 2018-01-25 10:44:02
Local clock offset: -0.997 ms
Remote clock offset: -3.797 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 98.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 98.021 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

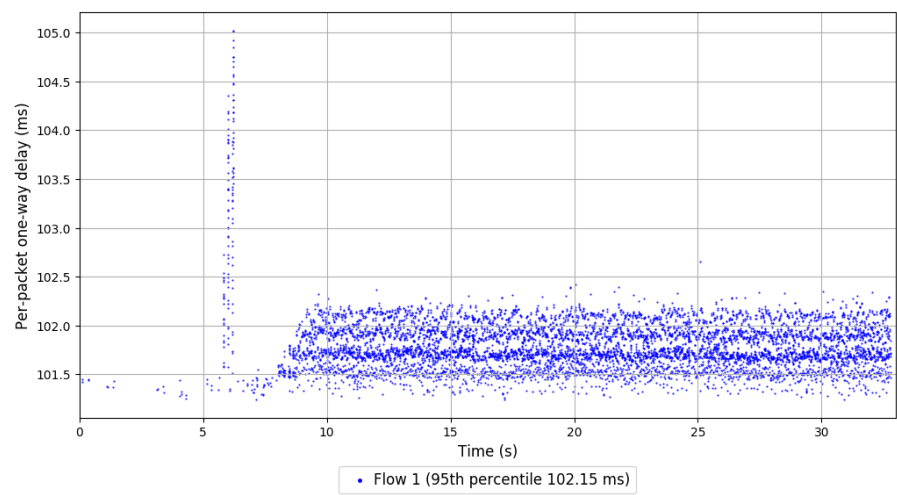
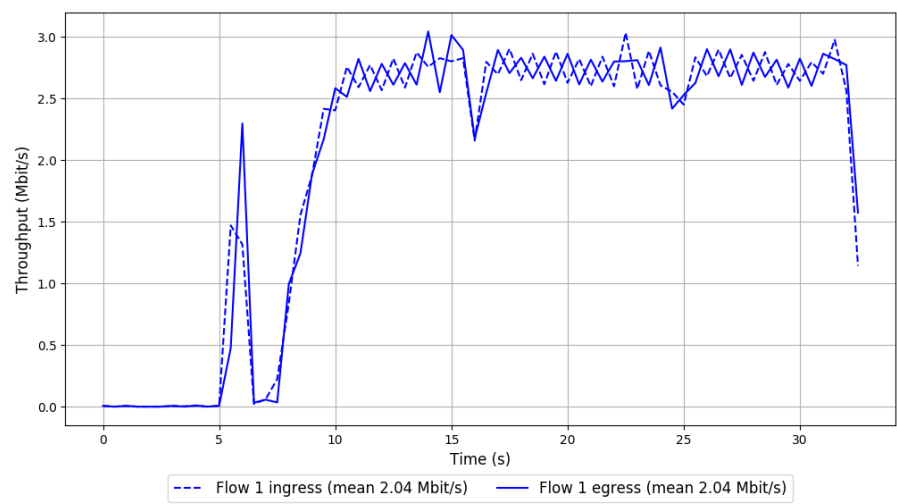


Run 7: Statistics of WebRTC media

Start at: 2018-01-25 11:03:10
End at: 2018-01-25 11:03:40
Local clock offset: -1.039 ms
Remote clock offset: -5.209 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 102.147 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.04 Mbit/s
95th percentile per-packet one-way delay: 102.147 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-01-25 11:22:52

End at: 2018-01-25 11:23:22

Local clock offset: -1.181 ms

Remote clock offset: 0.488 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 101.559 ms

Loss rate: 0.00%

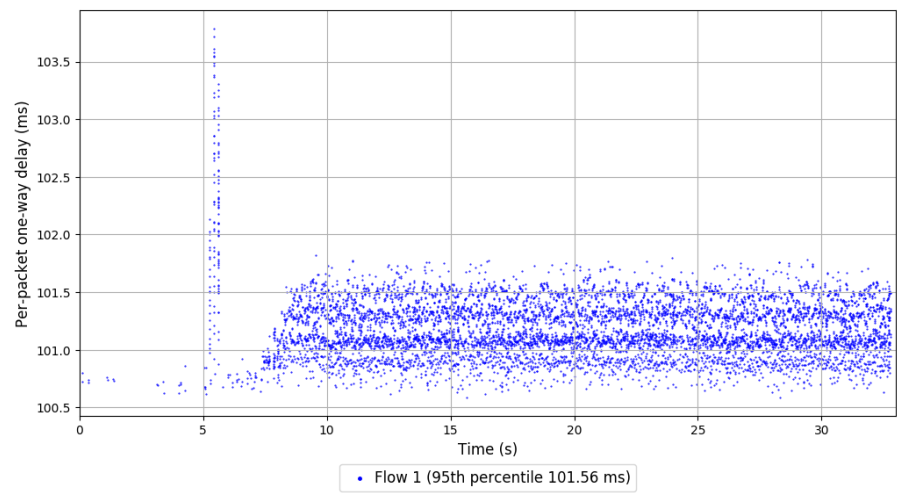
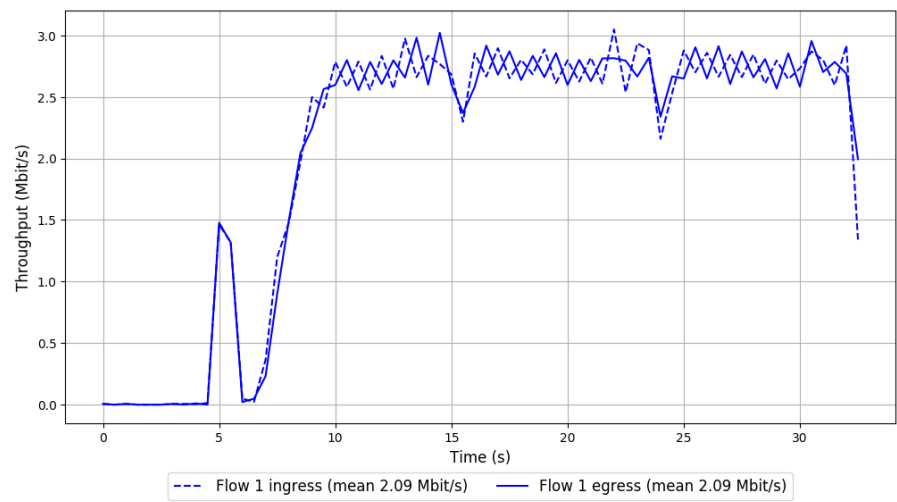
-- Flow 1:

Average throughput: 2.09 Mbit/s

95th percentile per-packet one-way delay: 101.559 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-01-25 11:42:38

End at: 2018-01-25 11:43:08

Local clock offset: -1.008 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.05 Mbit/s

95th percentile per-packet one-way delay: 101.917 ms

Loss rate: 0.00%

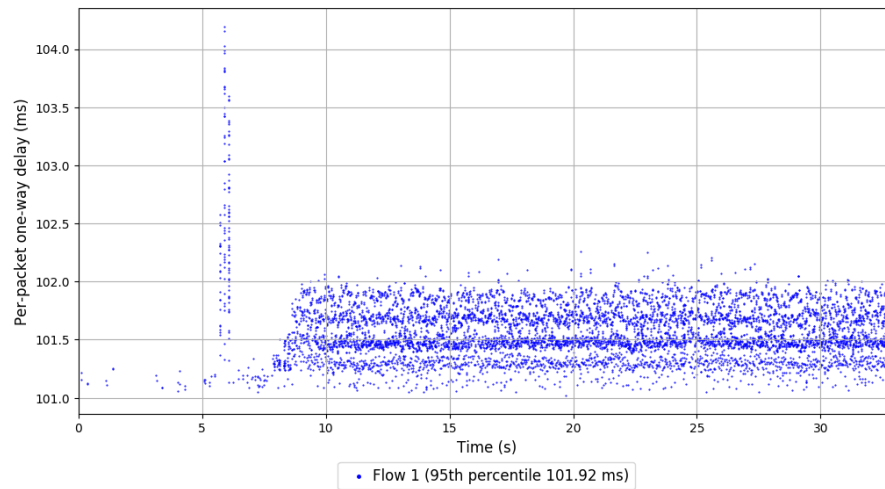
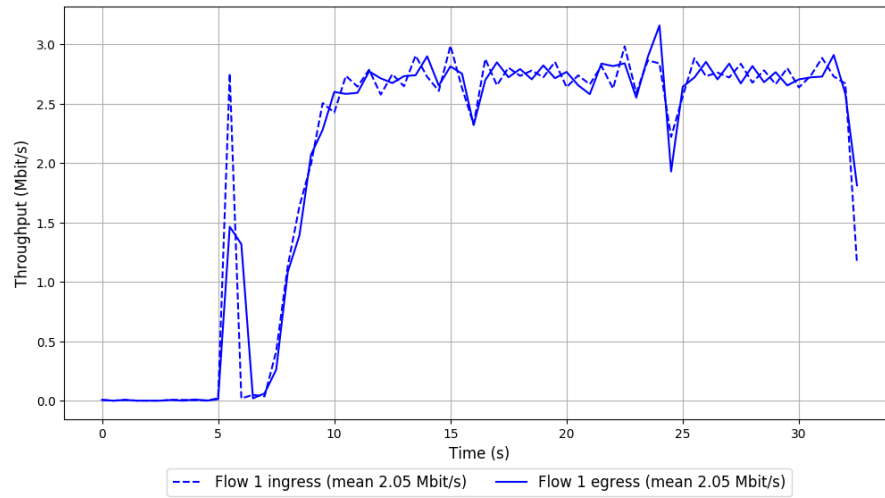
-- Flow 1:

Average throughput: 2.05 Mbit/s

95th percentile per-packet one-way delay: 101.917 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-25 12:02:12

End at: 2018-01-25 12:02:42

Local clock offset: -0.816 ms

Remote clock offset: -7.421 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 100.463 ms

Loss rate: 0.00%

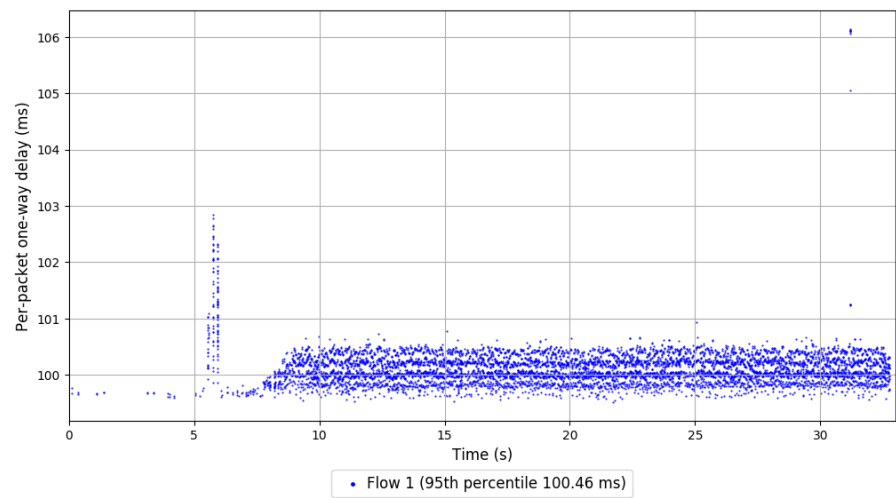
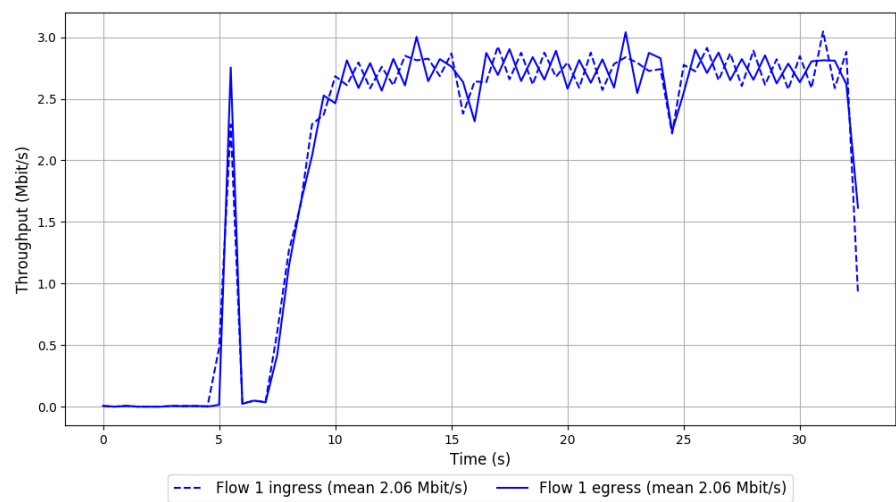
-- Flow 1:

Average throughput: 2.06 Mbit/s

95th percentile per-packet one-way delay: 100.463 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

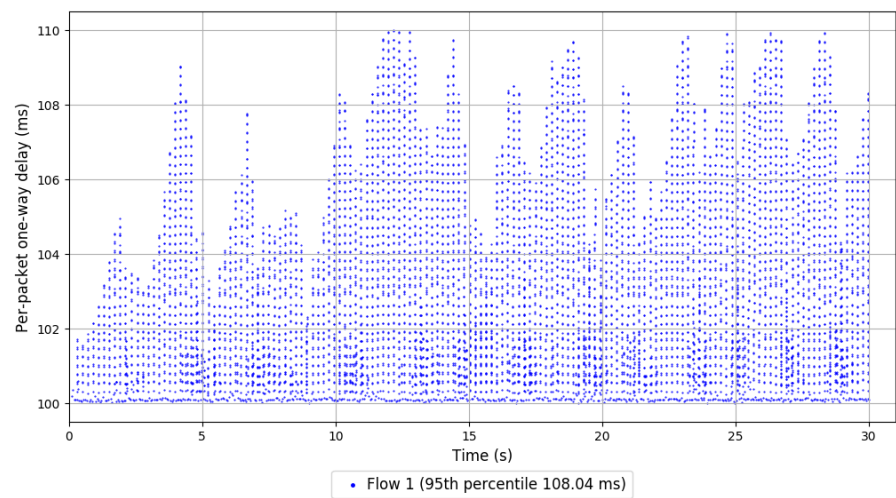
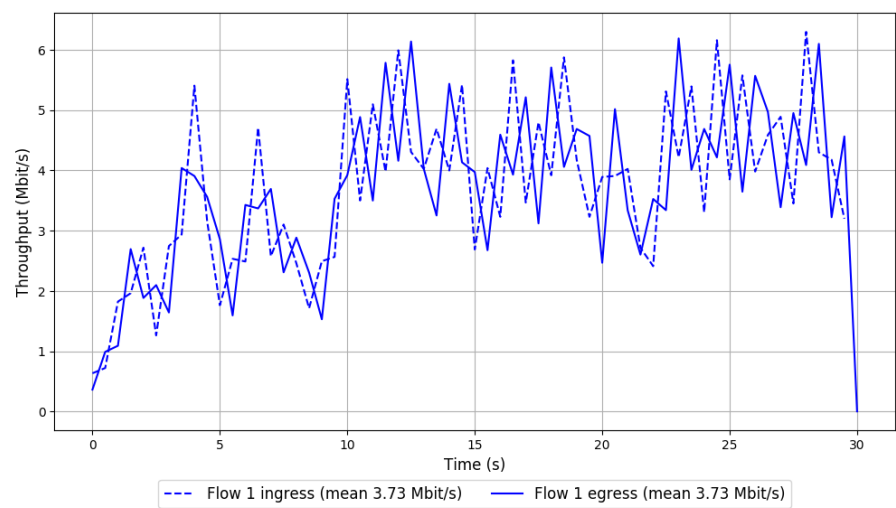


Run 1: Statistics of Sprout

Start at: 2018-01-25 08:59:02
End at: 2018-01-25 08:59:32
Local clock offset: -0.693 ms
Remote clock offset: -0.719 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 108.036 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 108.036 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

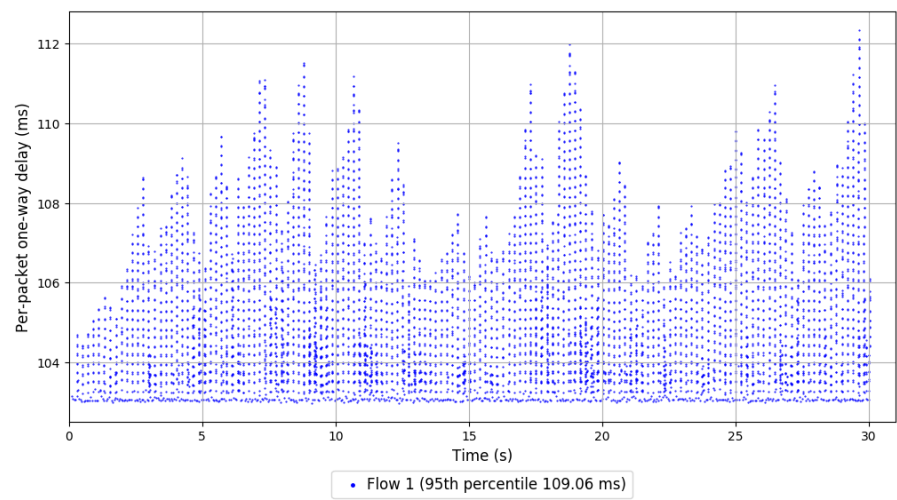
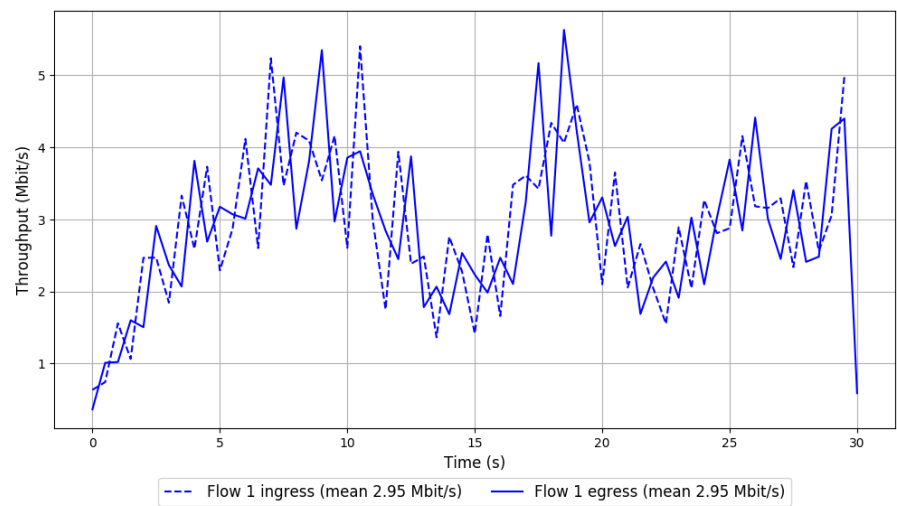


Run 2: Statistics of Sprout

Start at: 2018-01-25 09:18:48
End at: 2018-01-25 09:19:18
Local clock offset: -0.901 ms
Remote clock offset: -1.029 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 109.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.95 Mbit/s
95th percentile per-packet one-way delay: 109.055 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

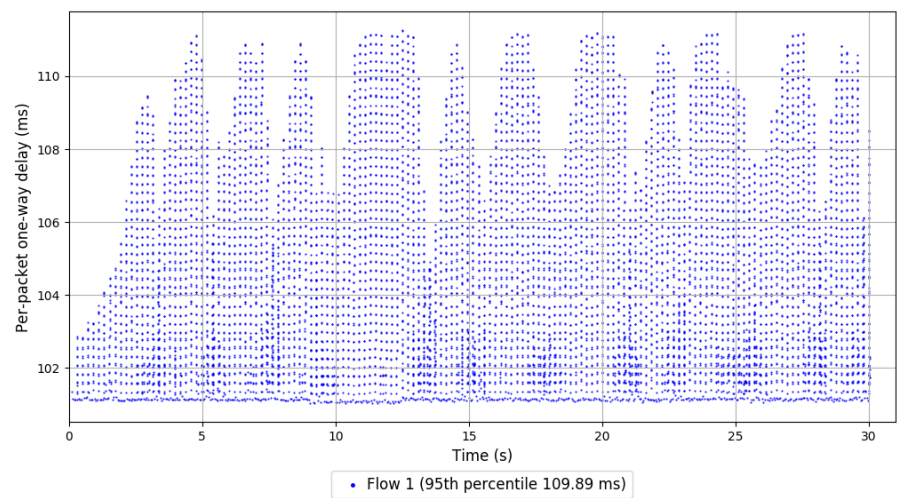
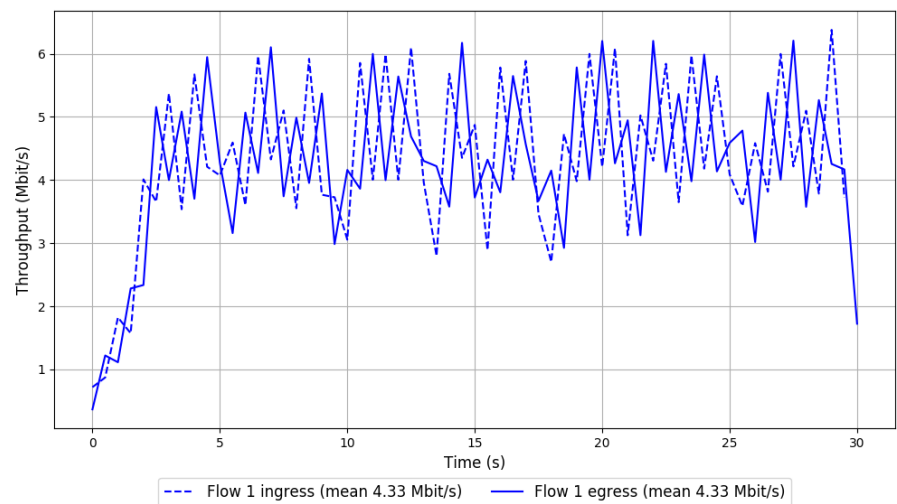


Run 3: Statistics of Sprout

Start at: 2018-01-25 09:38:24
End at: 2018-01-25 09:38:54
Local clock offset: -1.023 ms
Remote clock offset: -1.786 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 109.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.33 Mbit/s
95th percentile per-packet one-way delay: 109.893 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

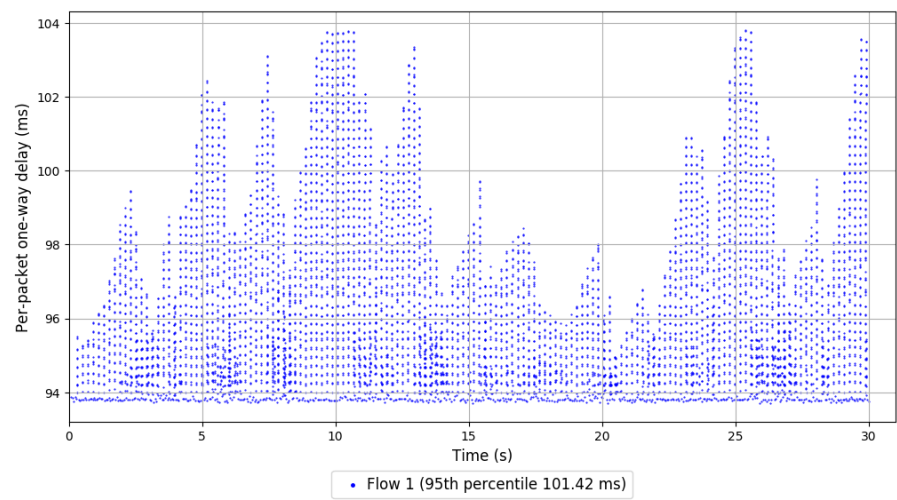
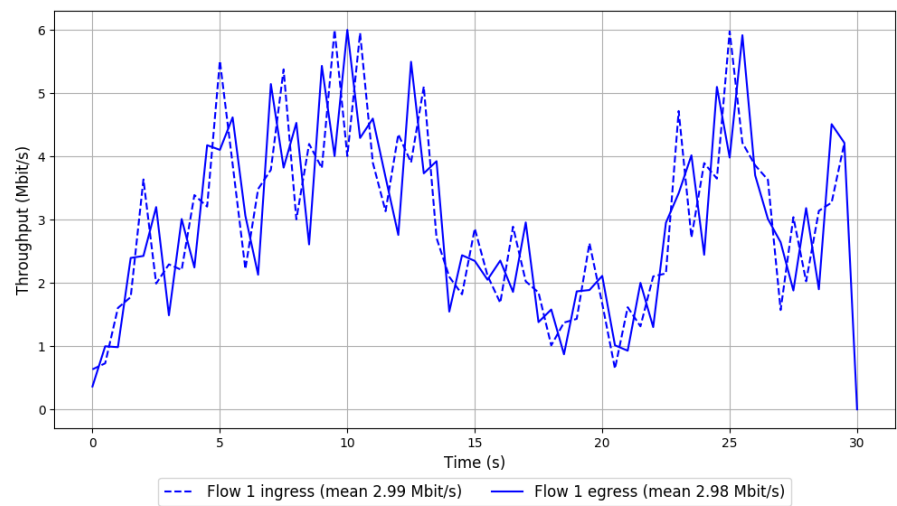


Run 4: Statistics of Sprout

Start at: 2018-01-25 09:58:12
End at: 2018-01-25 09:58:42
Local clock offset: -0.992 ms
Remote clock offset: -7.161 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 101.425 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 101.425 ms
Loss rate: 0.24%

Run 4: Report of Sprout — Data Link

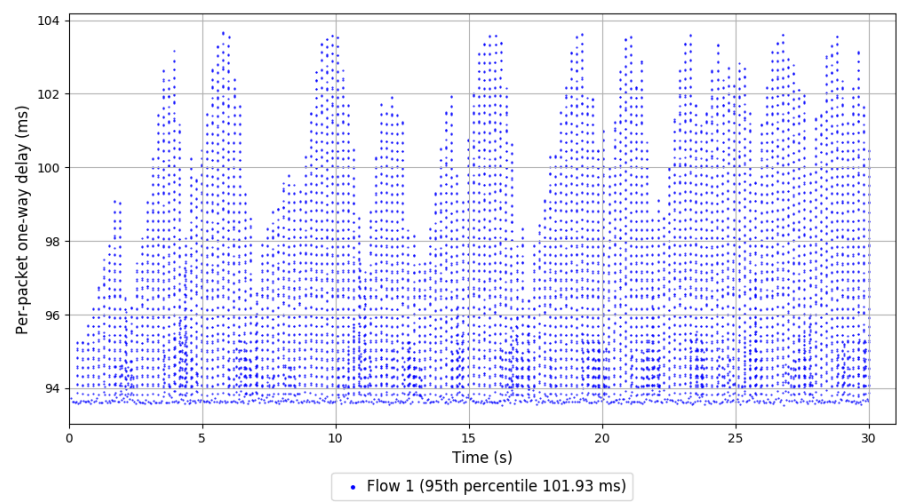
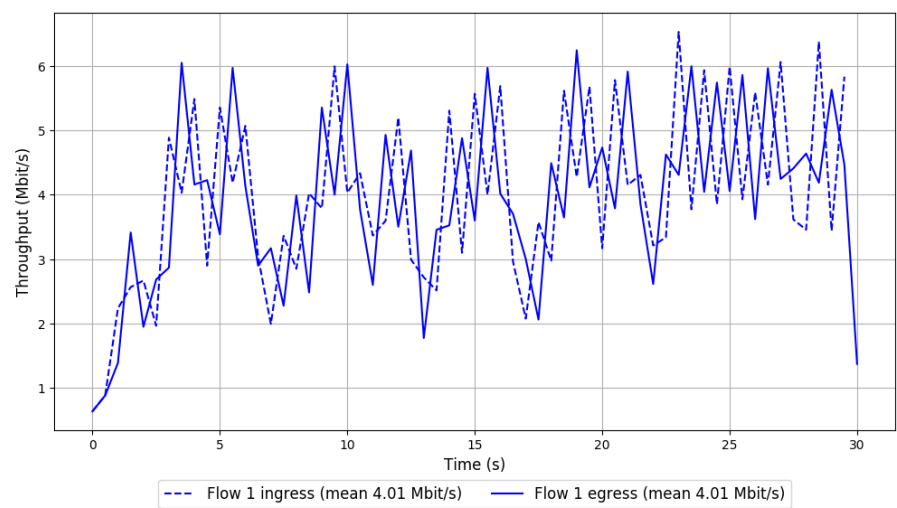


Run 5: Statistics of Sprout

Start at: 2018-01-25 10:17:45
End at: 2018-01-25 10:18:15
Local clock offset: -0.986 ms
Remote clock offset: -5.801 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 101.931 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 101.931 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-01-25 10:37:24

End at: 2018-01-25 10:37:54

Local clock offset: -1.008 ms

Remote clock offset: 0.866 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.03 Mbit/s

95th percentile per-packet one-way delay: 110.105 ms

Loss rate: 0.00%

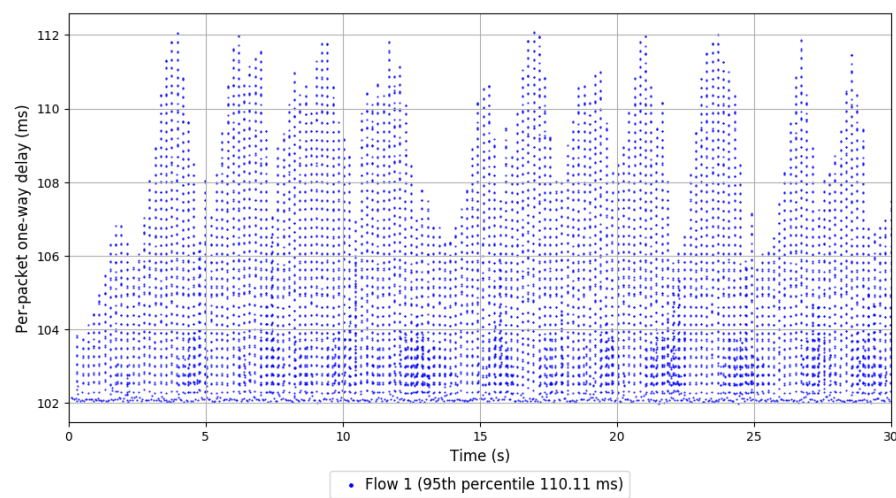
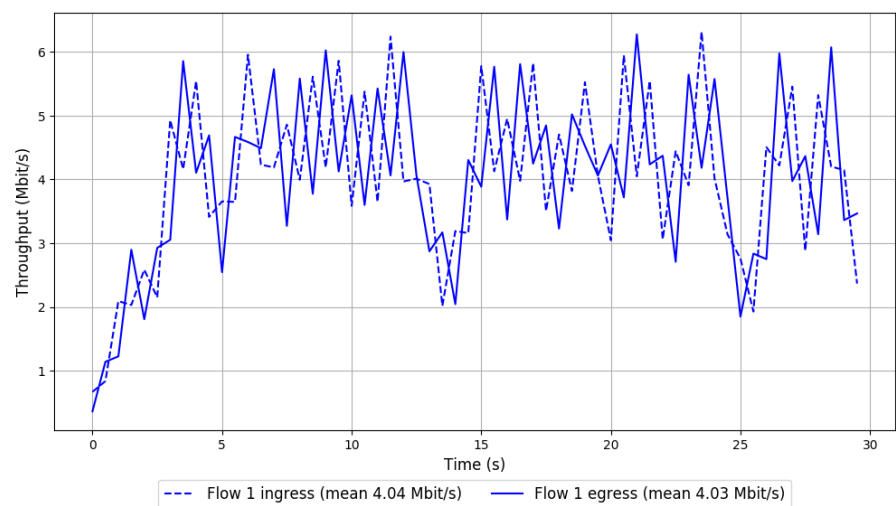
-- Flow 1:

Average throughput: 4.03 Mbit/s

95th percentile per-packet one-way delay: 110.105 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

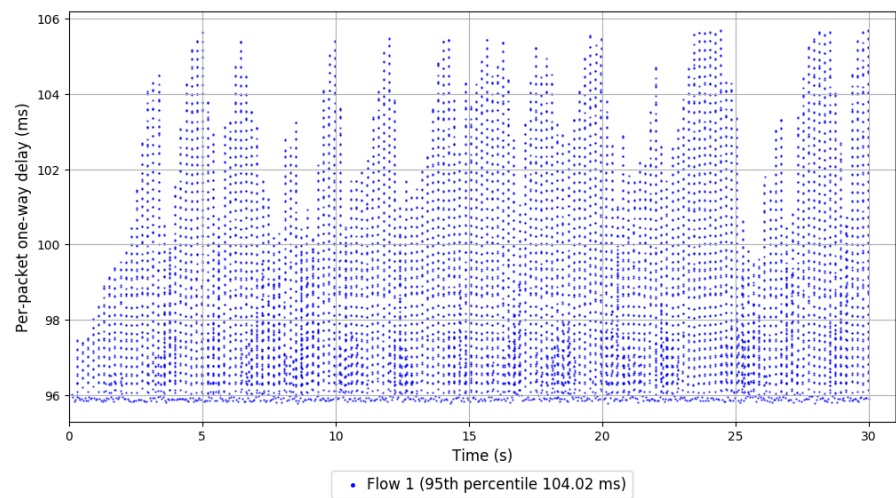
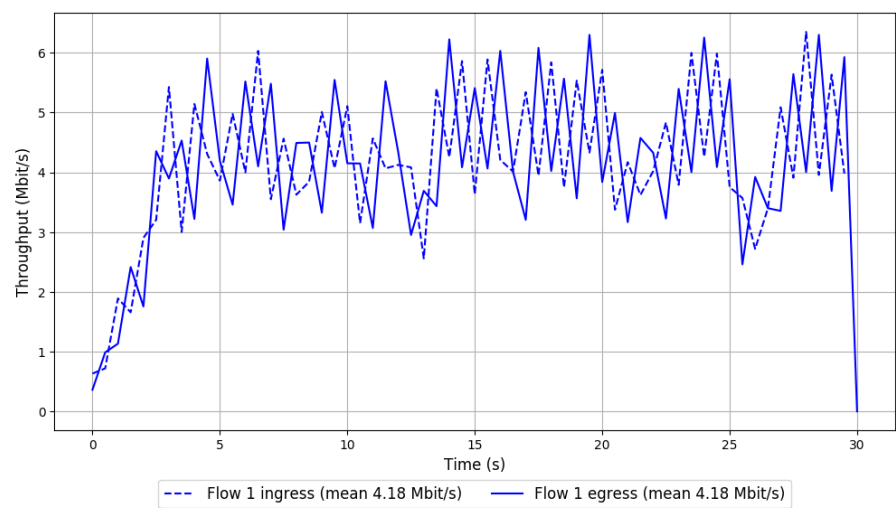


Run 7: Statistics of Sprout

Start at: 2018-01-25 10:57:03
End at: 2018-01-25 10:57:33
Local clock offset: -1.039 ms
Remote clock offset: -4.951 ms

Below is generated by plot.py at 2018-01-25 12:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 104.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 104.018 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-01-25 11:16:46

End at: 2018-01-25 11:17:17

Local clock offset: -1.15 ms

Remote clock offset: 1.511 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.10 Mbit/s

95th percentile per-packet one-way delay: 109.032 ms

Loss rate: 0.00%

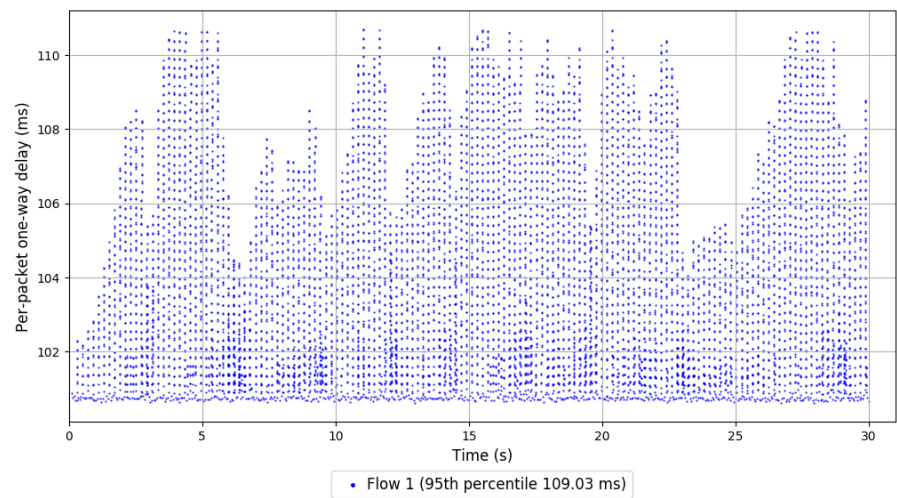
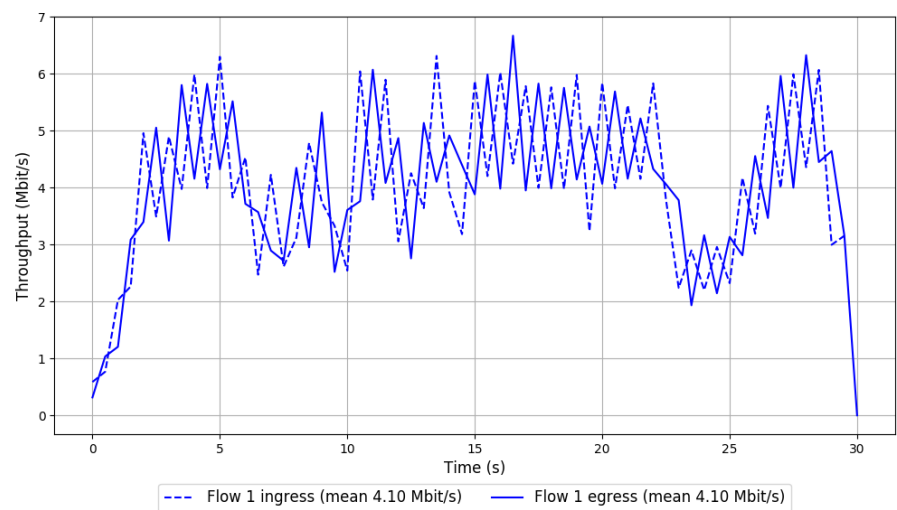
-- Flow 1:

Average throughput: 4.10 Mbit/s

95th percentile per-packet one-way delay: 109.032 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-01-25 11:36:32

End at: 2018-01-25 11:37:02

Local clock offset: -1.008 ms

Remote clock offset: 1.186 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 112.254 ms

Loss rate: 0.00%

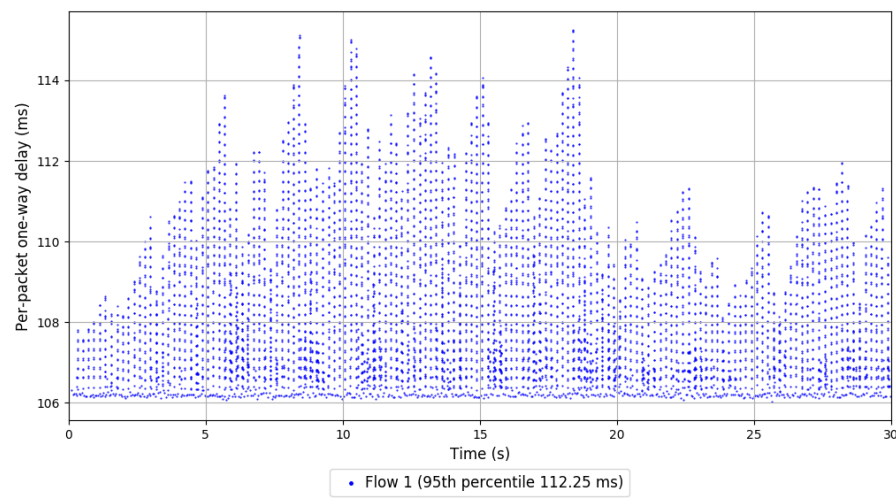
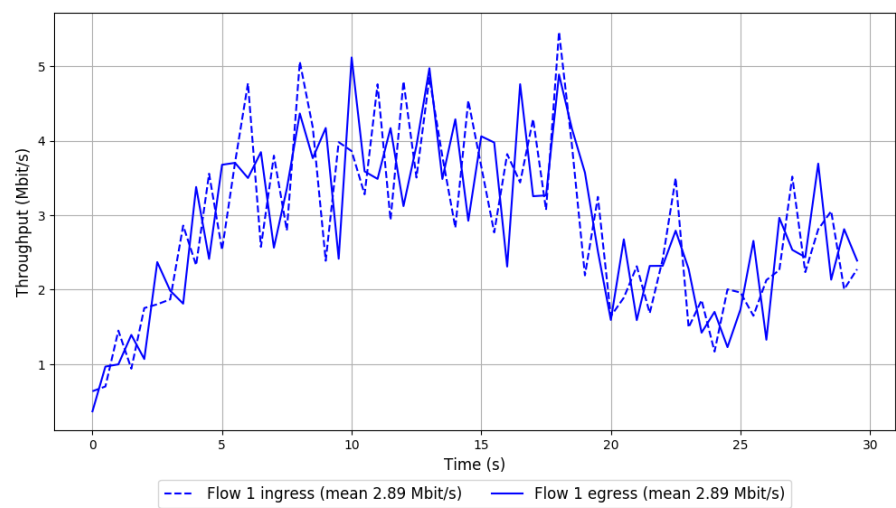
-- Flow 1:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 112.254 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-01-25 11:56:06

End at: 2018-01-25 11:56:36

Local clock offset: -0.861 ms

Remote clock offset: 2.846 ms

Below is generated by plot.py at 2018-01-25 12:41:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.65 Mbit/s

95th percentile per-packet one-way delay: 112.774 ms

Loss rate: 0.00%

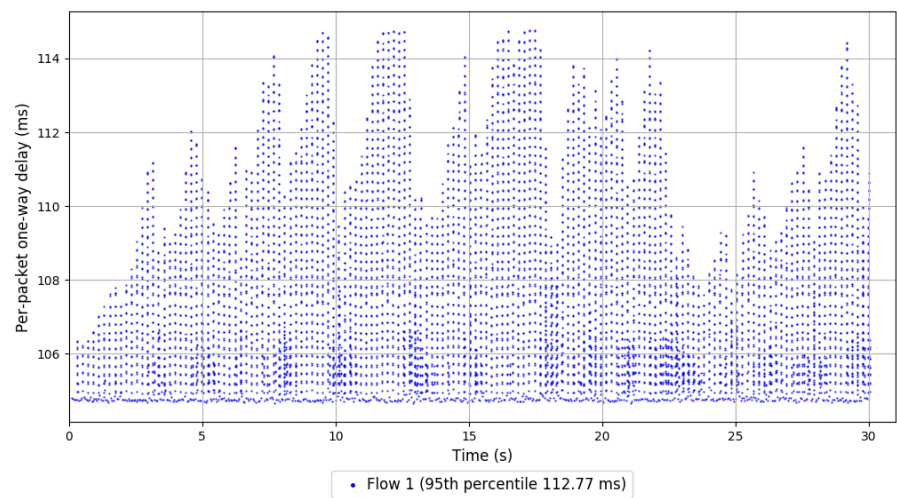
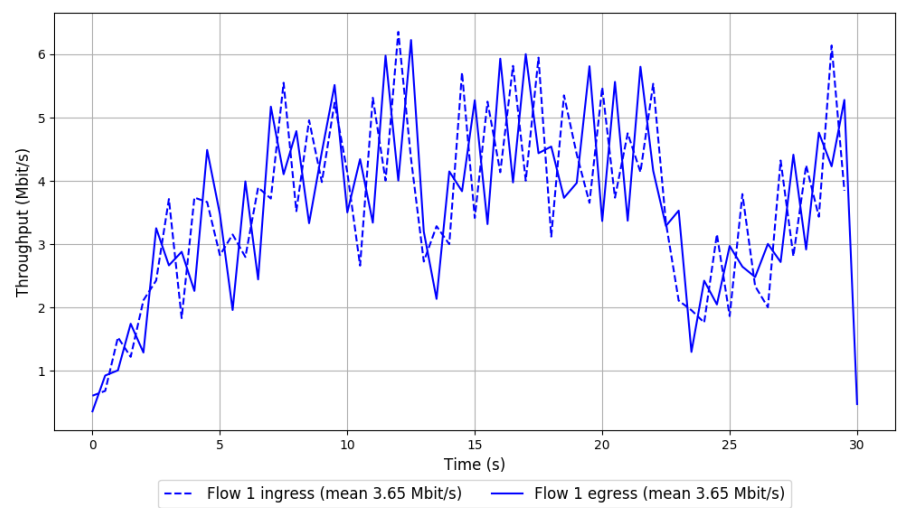
-- Flow 1:

Average throughput: 3.65 Mbit/s

95th percentile per-packet one-way delay: 112.774 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

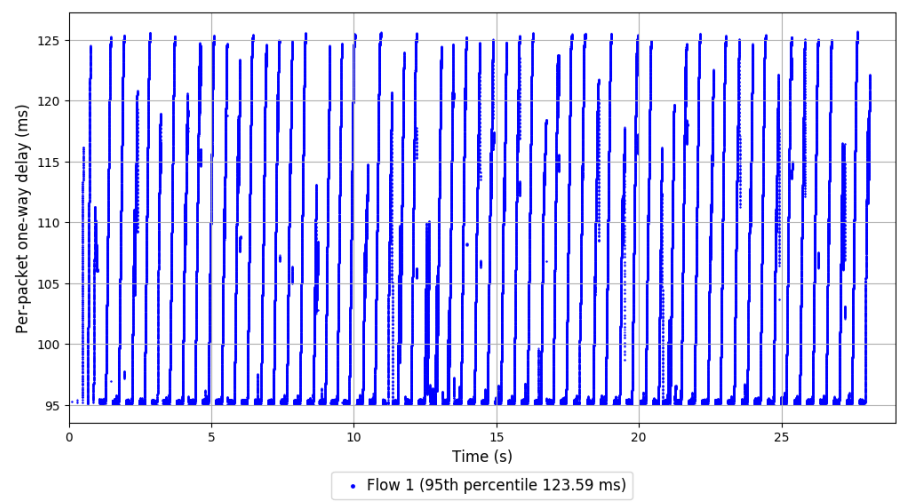
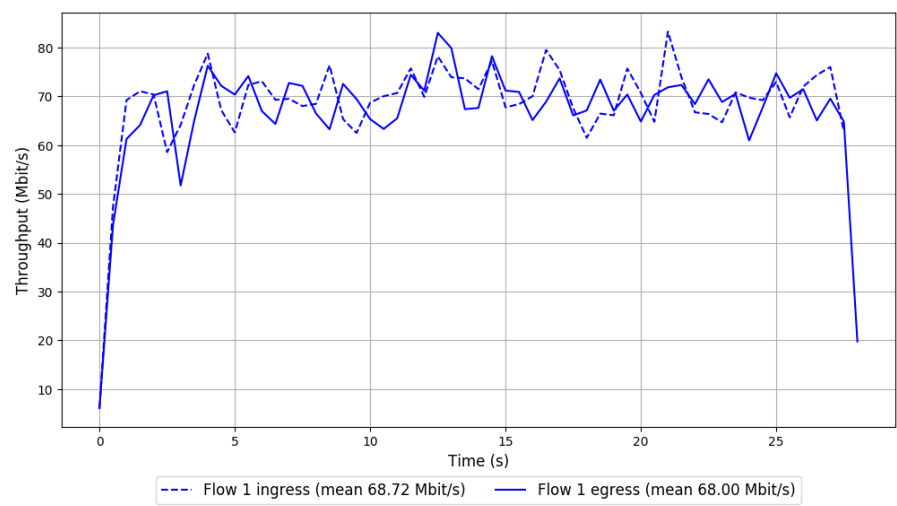


Run 1: Statistics of TaoVA-100x

Start at: 2018-01-25 09:13:43
End at: 2018-01-25 09:14:13
Local clock offset: -0.851 ms
Remote clock offset: -6.652 ms

Below is generated by plot.py at 2018-01-25 12:42:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.00 Mbit/s
95th percentile per-packet one-way delay: 123.591 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 68.00 Mbit/s
95th percentile per-packet one-way delay: 123.591 ms
Loss rate: 0.96%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-25 09:33:28

End at: 2018-01-25 09:33:58

Local clock offset: -0.942 ms

Remote clock offset: -1.717 ms

Below is generated by plot.py at 2018-01-25 12:42:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.88 Mbit/s

95th percentile per-packet one-way delay: 128.624 ms

Loss rate: 1.11%

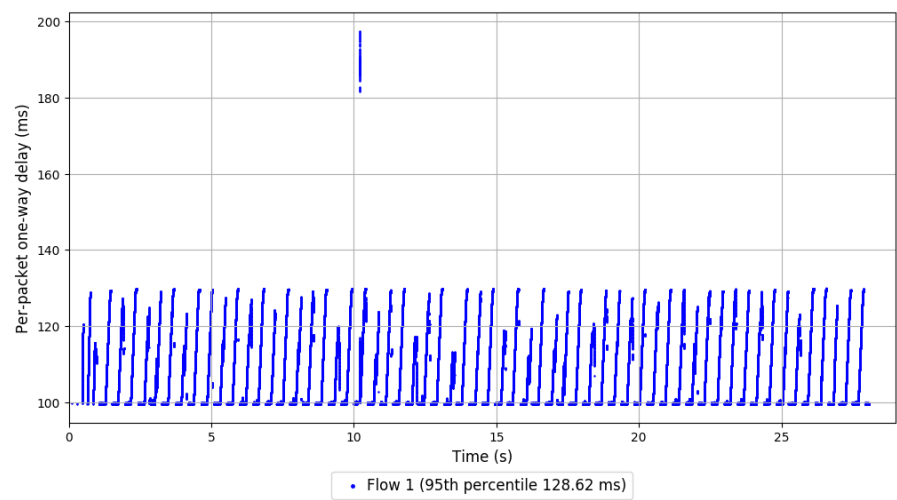
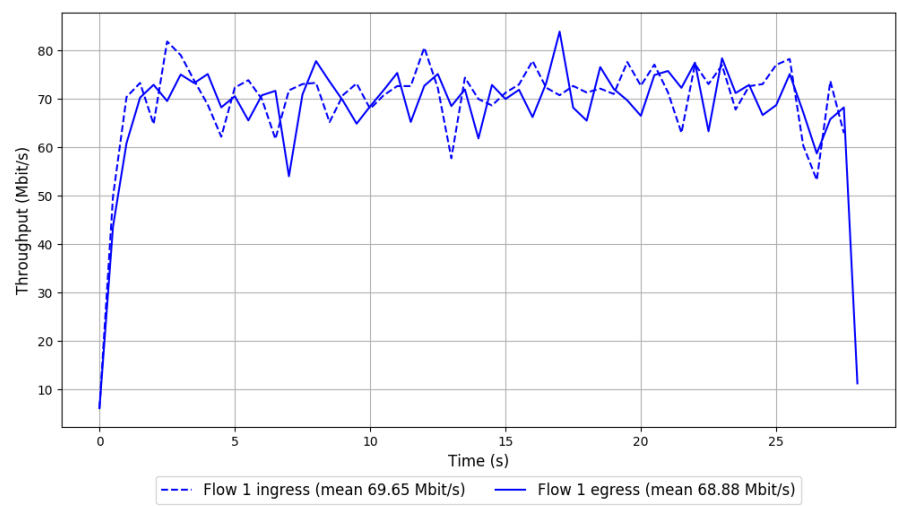
-- Flow 1:

Average throughput: 68.88 Mbit/s

95th percentile per-packet one-way delay: 128.624 ms

Loss rate: 1.11%

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

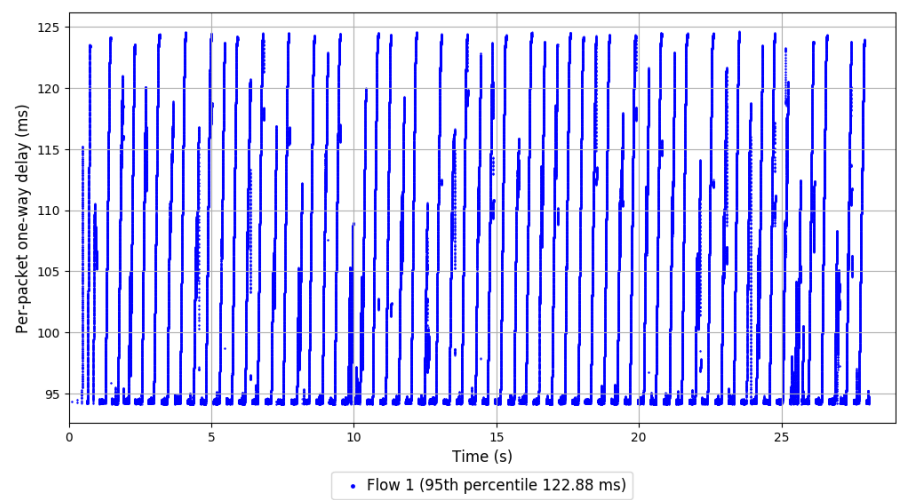
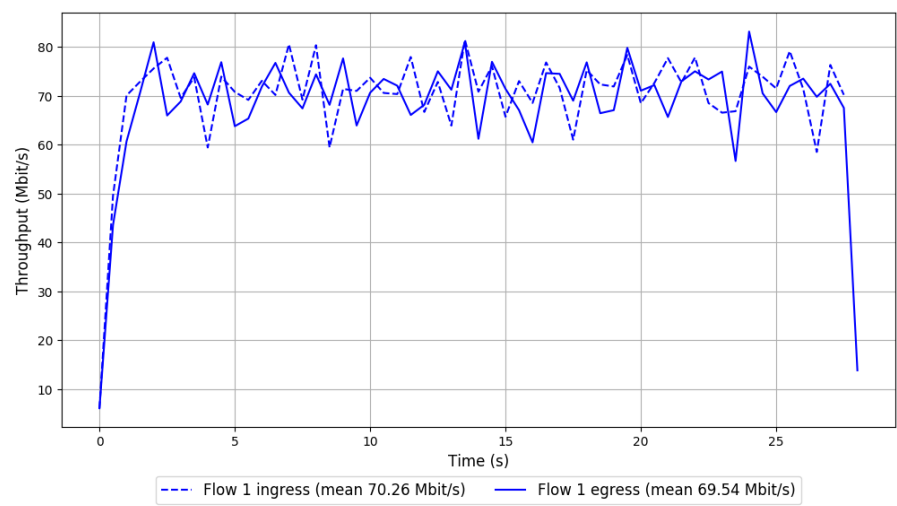


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-25 09:53:08
End at: 2018-01-25 09:53:38
Local clock offset: -0.982 ms
Remote clock offset: -5.892 ms

Below is generated by plot.py at 2018-01-25 12:42:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.54 Mbit/s
95th percentile per-packet one-way delay: 122.883 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 69.54 Mbit/s
95th percentile per-packet one-way delay: 122.883 ms
Loss rate: 1.03%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-25 10:12:50

End at: 2018-01-25 10:13:20

Local clock offset: -0.96 ms

Remote clock offset: -1.558 ms

Below is generated by plot.py at 2018-01-25 12:42:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.37 Mbit/s

95th percentile per-packet one-way delay: 135.823 ms

Loss rate: 1.25%

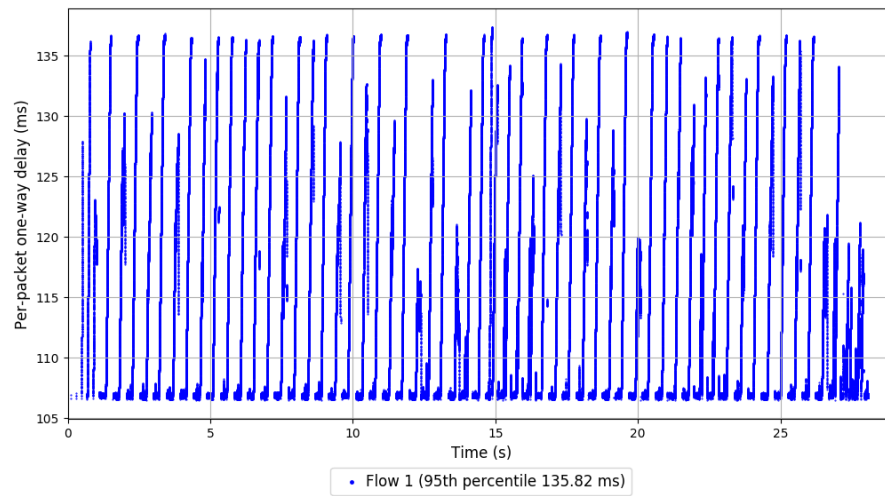
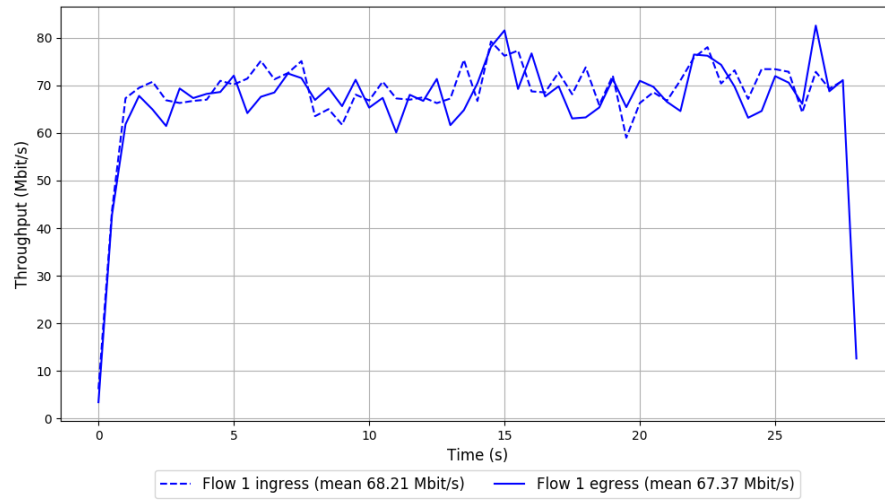
-- Flow 1:

Average throughput: 67.37 Mbit/s

95th percentile per-packet one-way delay: 135.823 ms

Loss rate: 1.25%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-25 10:32:27

End at: 2018-01-25 10:32:57

Local clock offset: -0.999 ms

Remote clock offset: 0.196 ms

Below is generated by plot.py at 2018-01-25 12:42:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.87 Mbit/s

95th percentile per-packet one-way delay: 130.593 ms

Loss rate: 1.07%

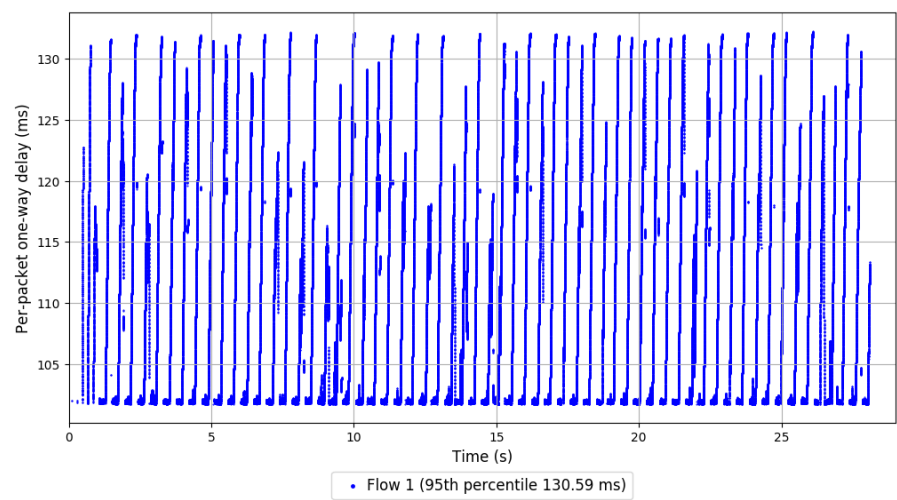
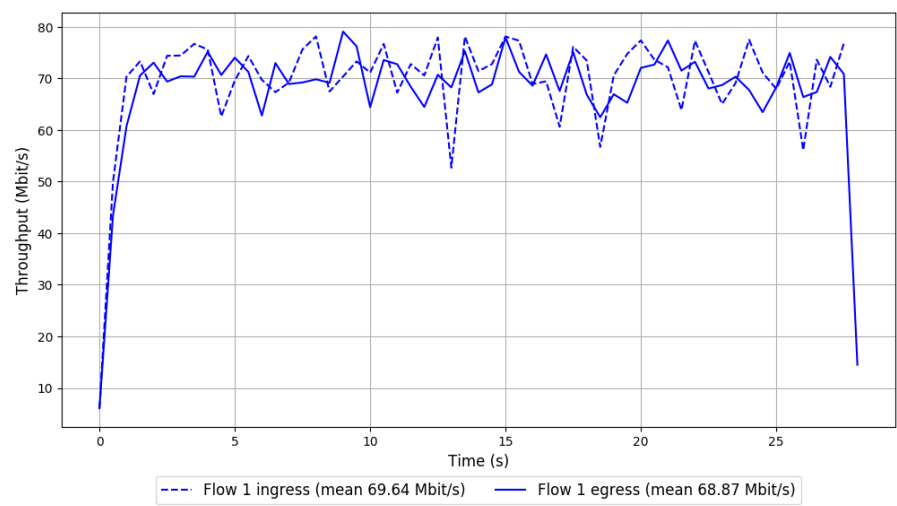
-- Flow 1:

Average throughput: 68.87 Mbit/s

95th percentile per-packet one-way delay: 130.593 ms

Loss rate: 1.07%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-25 10:52:06

End at: 2018-01-25 10:52:36

Local clock offset: -1.031 ms

Remote clock offset: 2.22 ms

Below is generated by plot.py at 2018-01-25 12:42:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.75 Mbit/s

95th percentile per-packet one-way delay: 136.422 ms

Loss rate: 0.91%

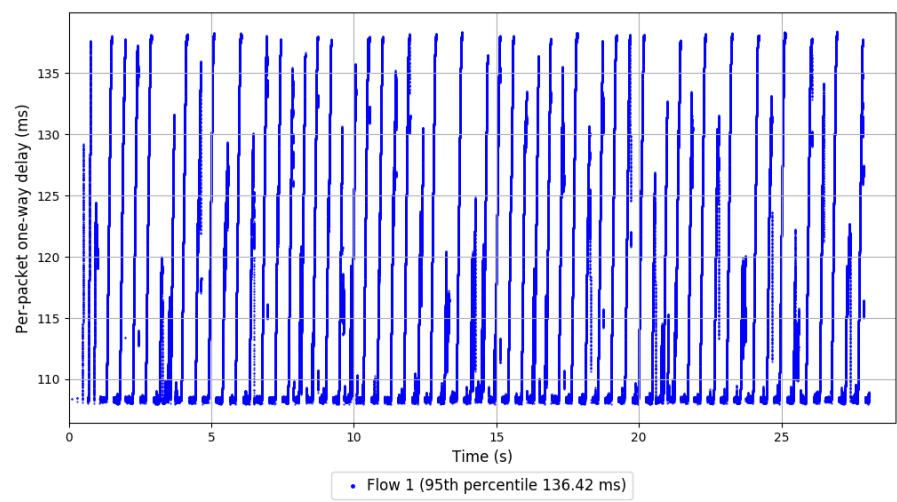
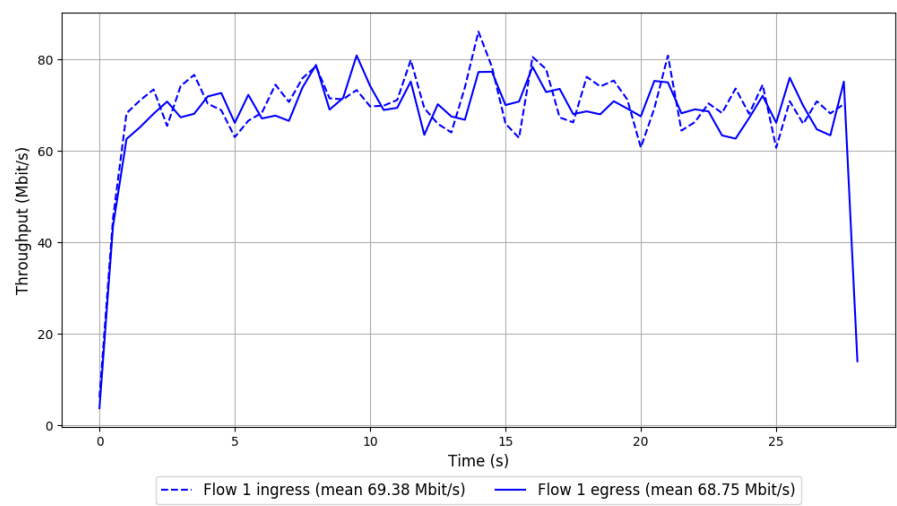
-- Flow 1:

Average throughput: 68.75 Mbit/s

95th percentile per-packet one-way delay: 136.422 ms

Loss rate: 0.91%

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

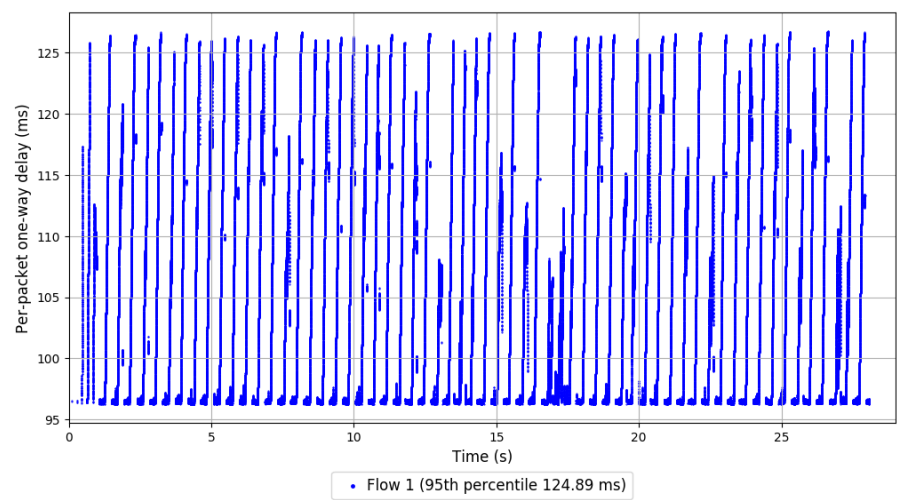
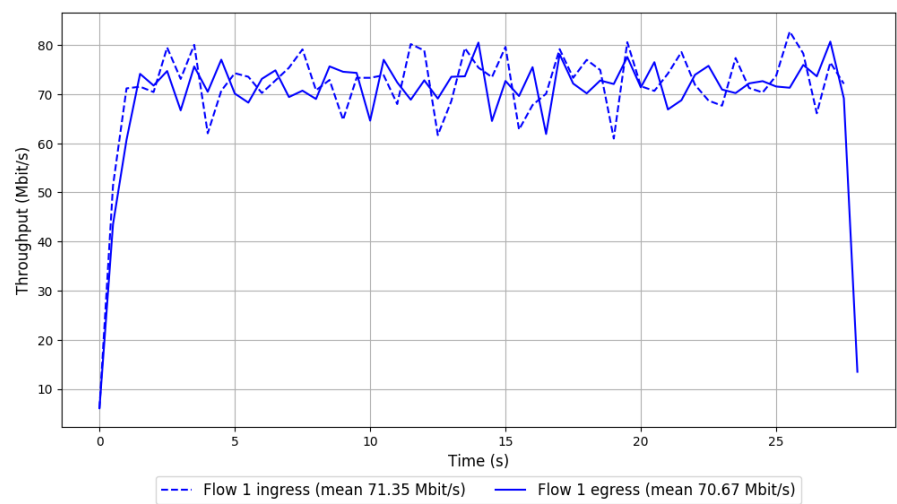


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-25 11:11:43
End at: 2018-01-25 11:12:14
Local clock offset: -1.128 ms
Remote clock offset: -5.183 ms

Below is generated by plot.py at 2018-01-25 12:42:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 124.893 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 124.893 ms
Loss rate: 0.96%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-25 11:31:27

End at: 2018-01-25 11:31:57

Local clock offset: -1.073 ms

Remote clock offset: 1.288 ms

Below is generated by plot.py at 2018-01-25 12:43:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.61 Mbit/s

95th percentile per-packet one-way delay: 132.182 ms

Loss rate: 1.12%

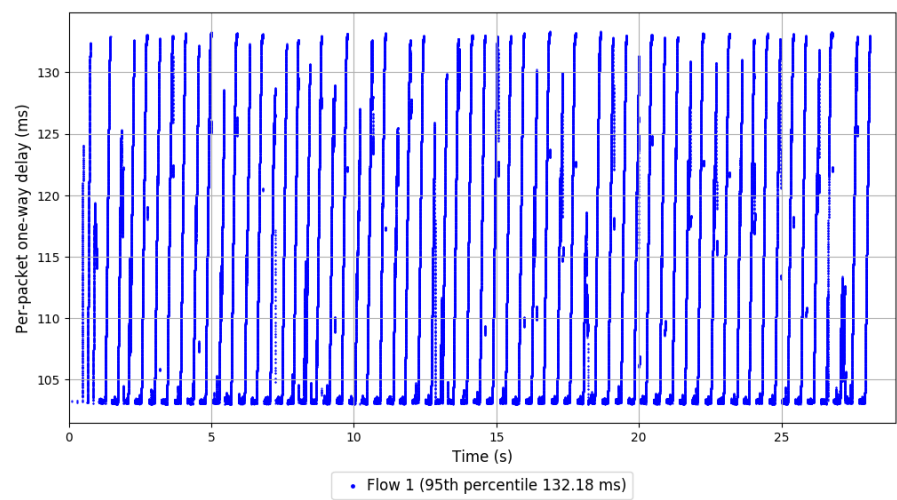
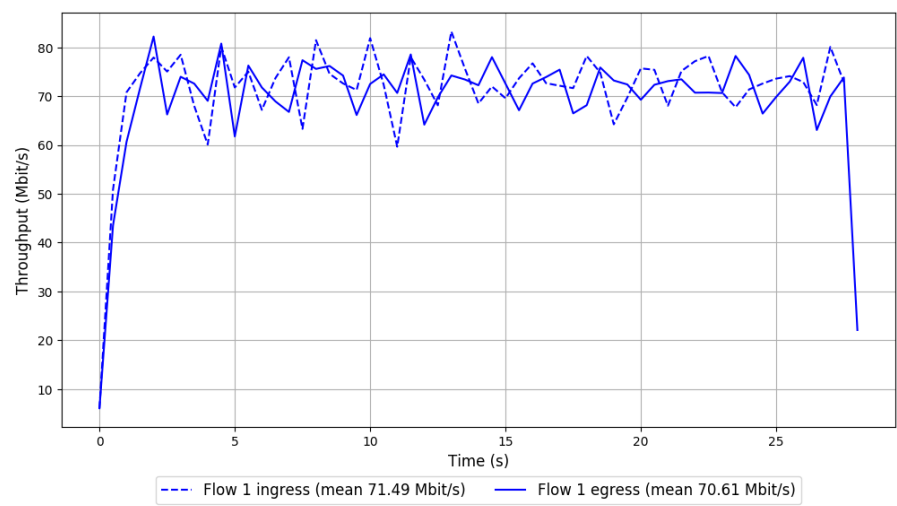
-- Flow 1:

Average throughput: 70.61 Mbit/s

95th percentile per-packet one-way delay: 132.182 ms

Loss rate: 1.12%

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

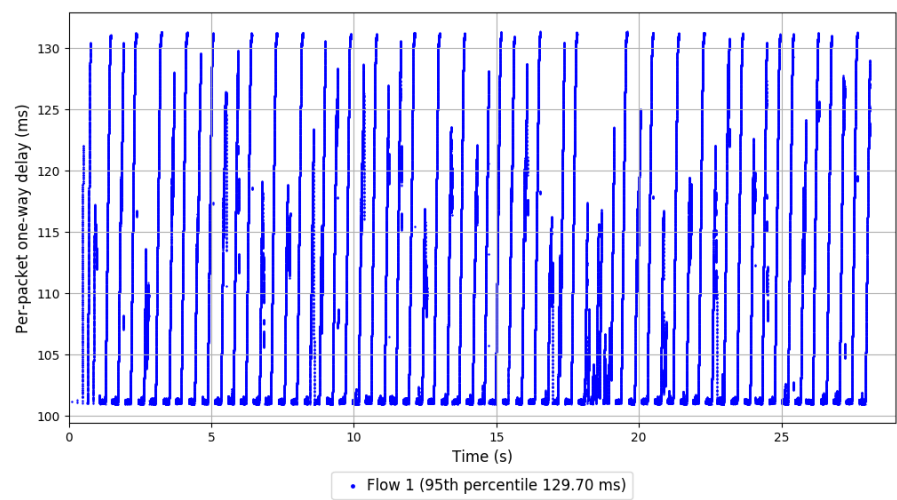
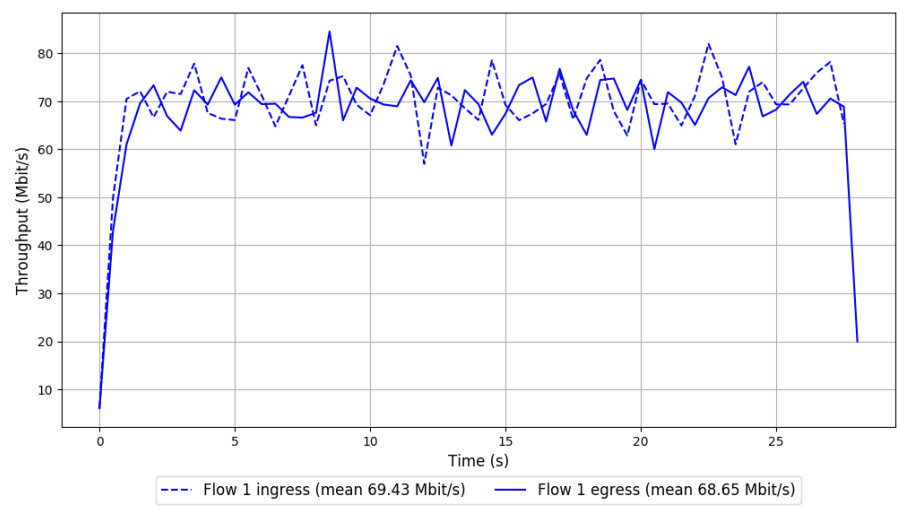


Run 9: Statistics of TaoVA-100x

Start at: 2018-01-25 11:51:11
End at: 2018-01-25 11:51:41
Local clock offset: -0.904 ms
Remote clock offset: -0.975 ms

Below is generated by plot.py at 2018-01-25 12:44:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.65 Mbit/s
95th percentile per-packet one-way delay: 129.697 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 68.65 Mbit/s
95th percentile per-packet one-way delay: 129.697 ms
Loss rate: 1.05%

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

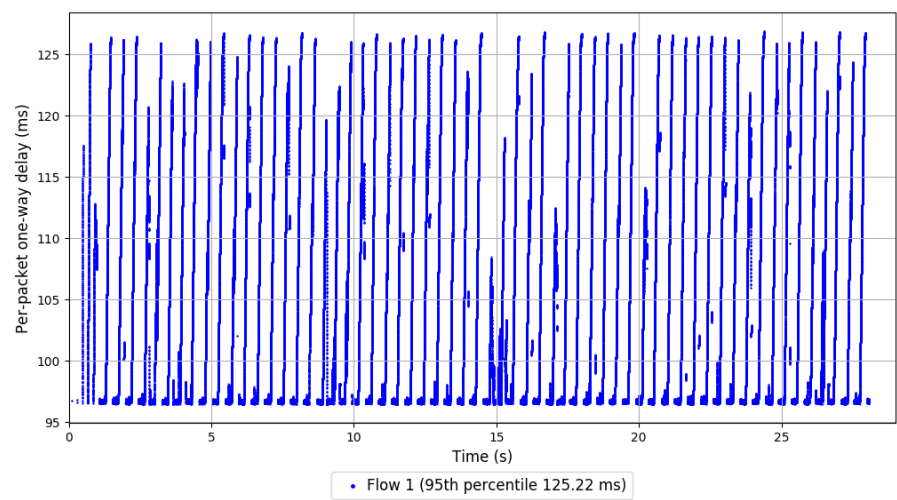
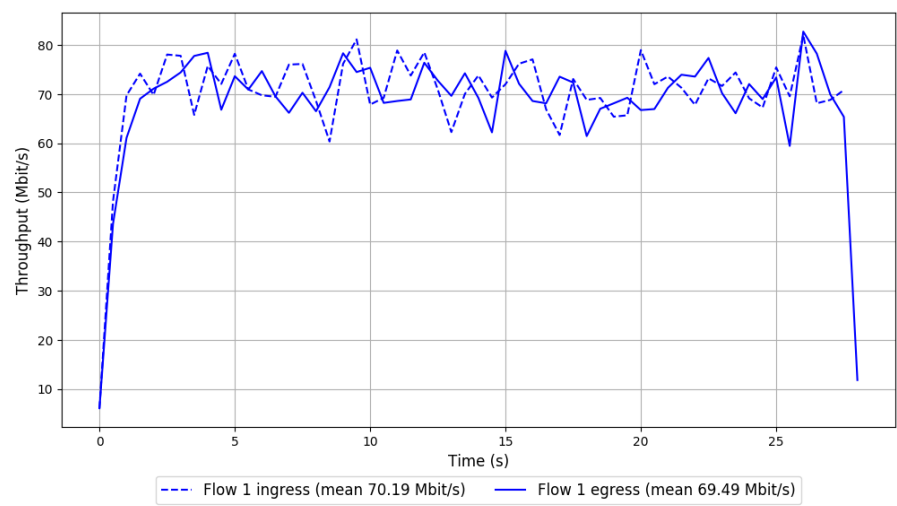


Run 10: Statistics of TaoVA-100x

Start at: 2018-01-25 12:10:45
End at: 2018-01-25 12:11:15
Local clock offset: -0.852 ms
Remote clock offset: -7.104 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.49 Mbit/s
95th percentile per-packet one-way delay: 125.218 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 69.49 Mbit/s
95th percentile per-packet one-way delay: 125.218 ms
Loss rate: 1.00%

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

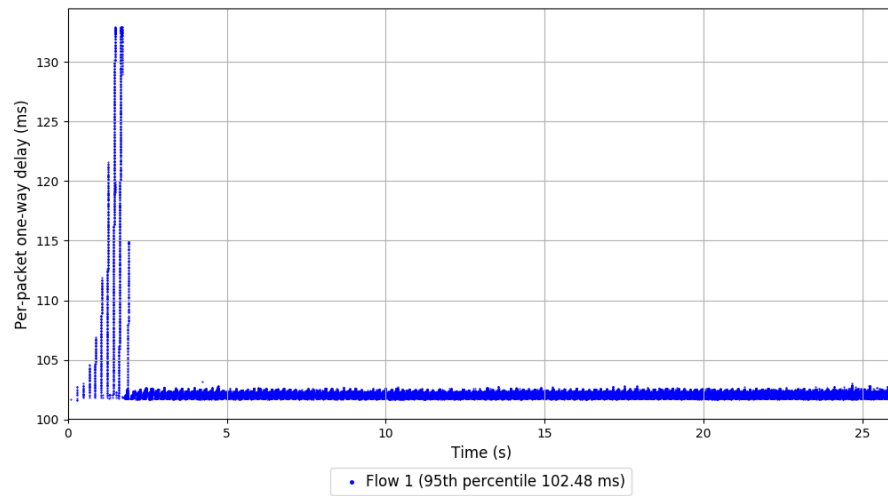
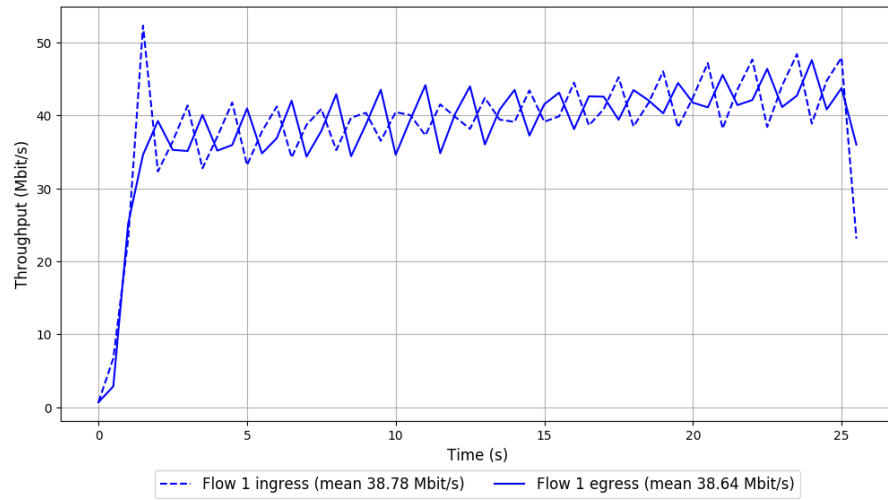


Run 1: Statistics of TCP Vegas

Start at: 2018-01-25 09:06:19
End at: 2018-01-25 09:06:49
Local clock offset: -0.806 ms
Remote clock offset: -6.157 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 102.480 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 102.480 ms
Loss rate: 0.39%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-01-25 09:26:05

End at: 2018-01-25 09:26:35

Local clock offset: -0.971 ms

Remote clock offset: -5.97 ms

Below is generated by plot.py at 2018-01-25 12:44:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.67 Mbit/s

95th percentile per-packet one-way delay: 93.764 ms

Loss rate: 0.37%

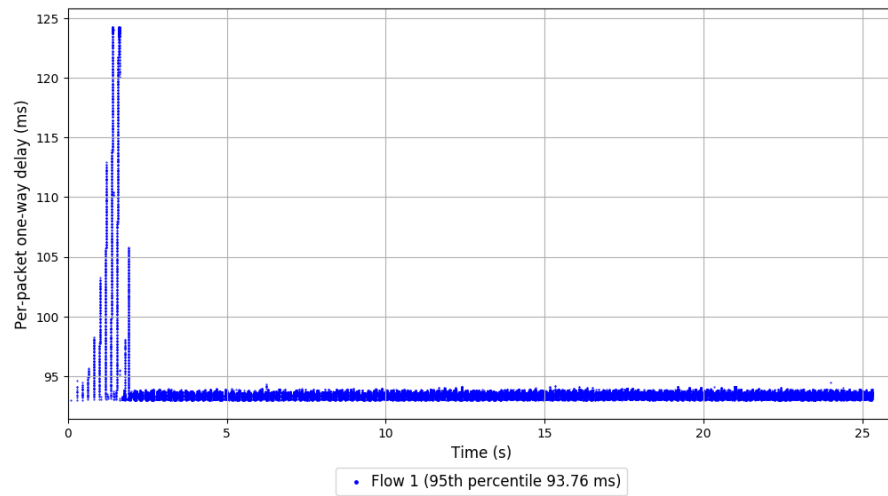
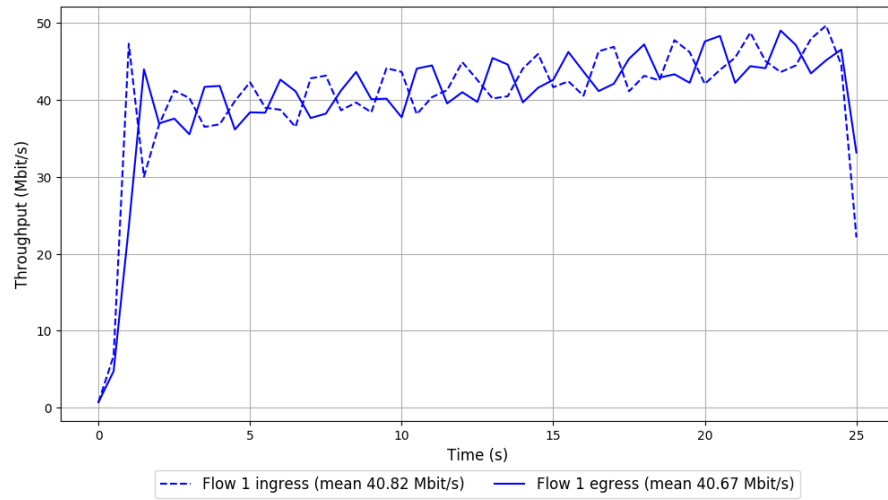
-- Flow 1:

Average throughput: 40.67 Mbit/s

95th percentile per-packet one-way delay: 93.764 ms

Loss rate: 0.37%

Run 2: Report of TCP Vegas — Data Link

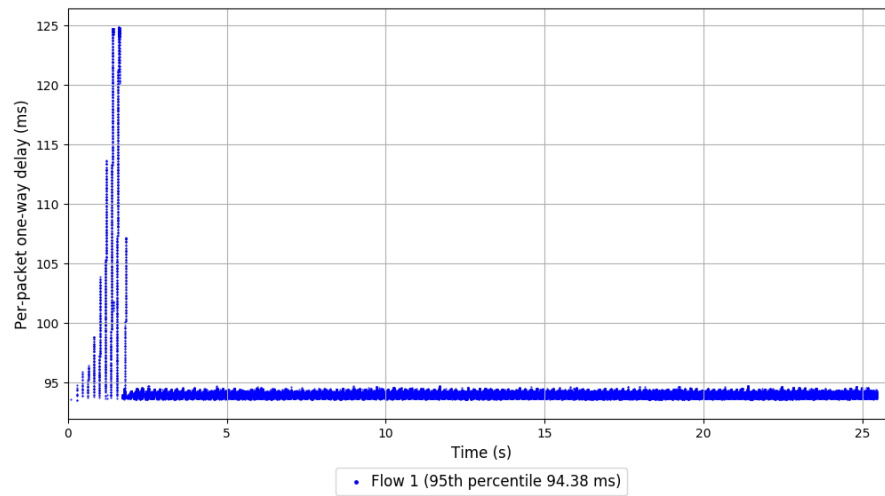
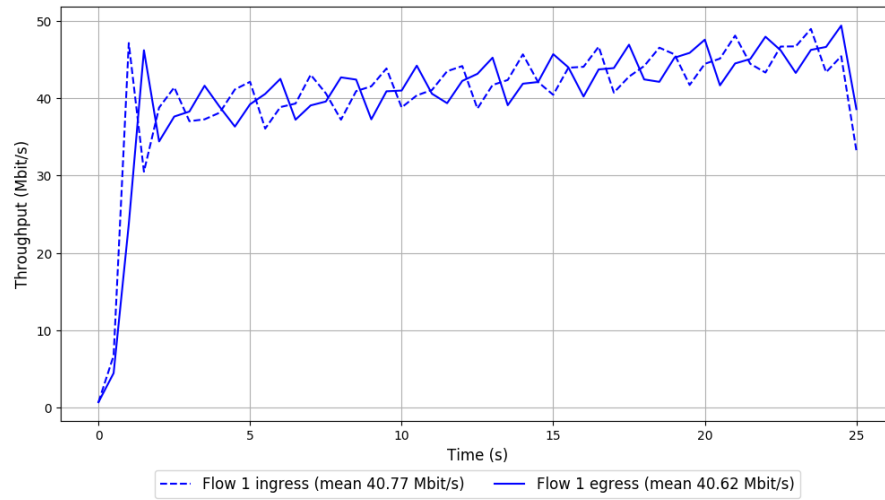


Run 3: Statistics of TCP Vegas

Start at: 2018-01-25 09:45:42
End at: 2018-01-25 09:46:12
Local clock offset: -1.008 ms
Remote clock offset: -6.146 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 94.381 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 94.381 ms
Loss rate: 0.37%

Run 3: Report of TCP Vegas — Data Link

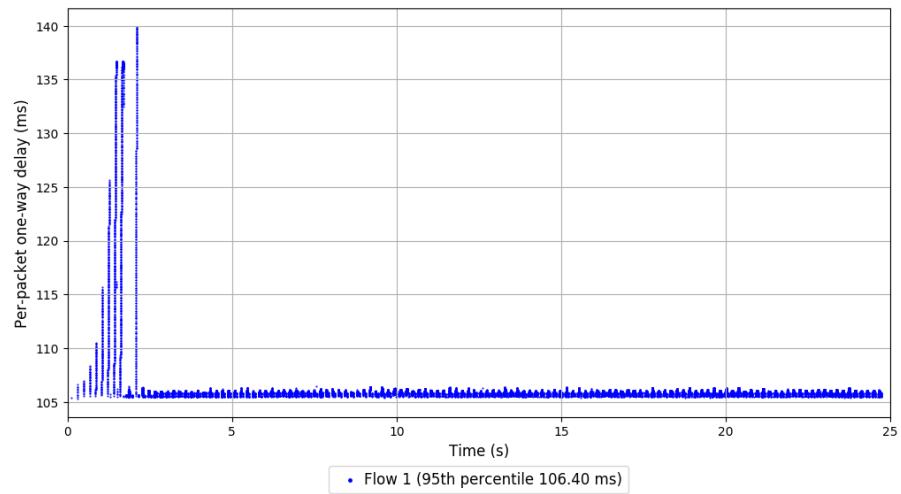
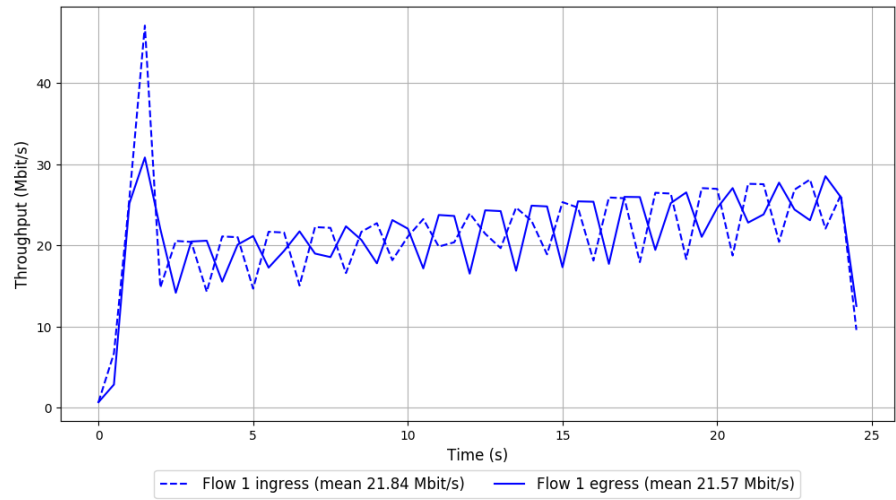


Run 4: Statistics of TCP Vegas

Start at: 2018-01-25 10:05:28
End at: 2018-01-25 10:05:58
Local clock offset: -0.98 ms
Remote clock offset: -1.645 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.57 Mbit/s
95th percentile per-packet one-way delay: 106.403 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 21.57 Mbit/s
95th percentile per-packet one-way delay: 106.403 ms
Loss rate: 1.23%

Run 4: Report of TCP Vegas — Data Link

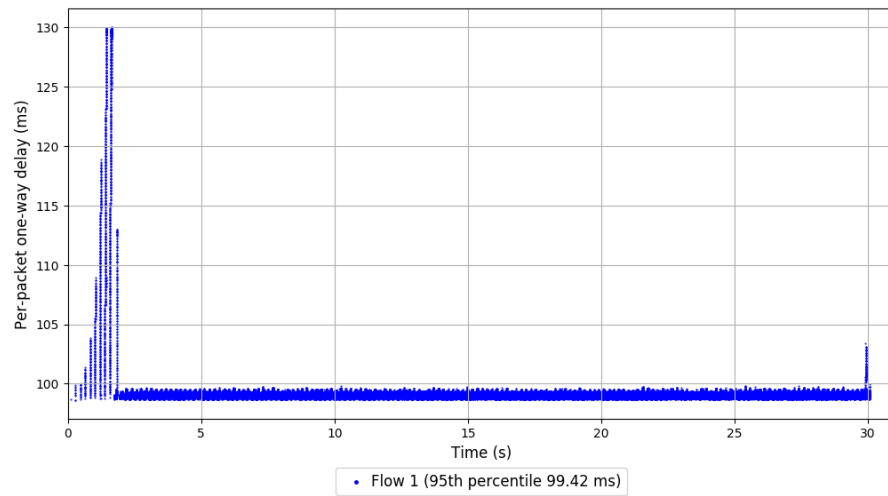
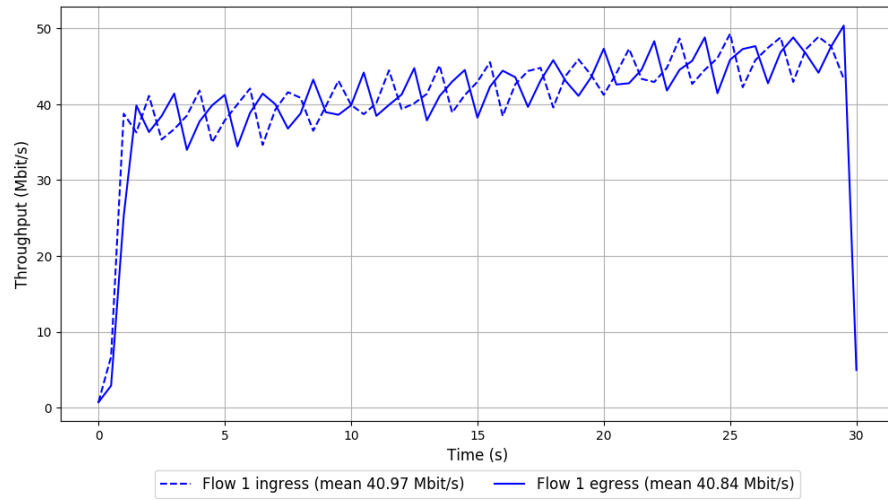


Run 5: Statistics of TCP Vegas

Start at: 2018-01-25 10:25:02
End at: 2018-01-25 10:25:32
Local clock offset: -0.98 ms
Remote clock offset: -5.985 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 99.424 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 99.424 ms
Loss rate: 0.31%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-01-25 10:44:42

End at: 2018-01-25 10:45:12

Local clock offset: -1.004 ms

Remote clock offset: 1.94 ms

Below is generated by plot.py at 2018-01-25 12:44:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.63 Mbit/s

95th percentile per-packet one-way delay: 101.721 ms

Loss rate: 0.94%

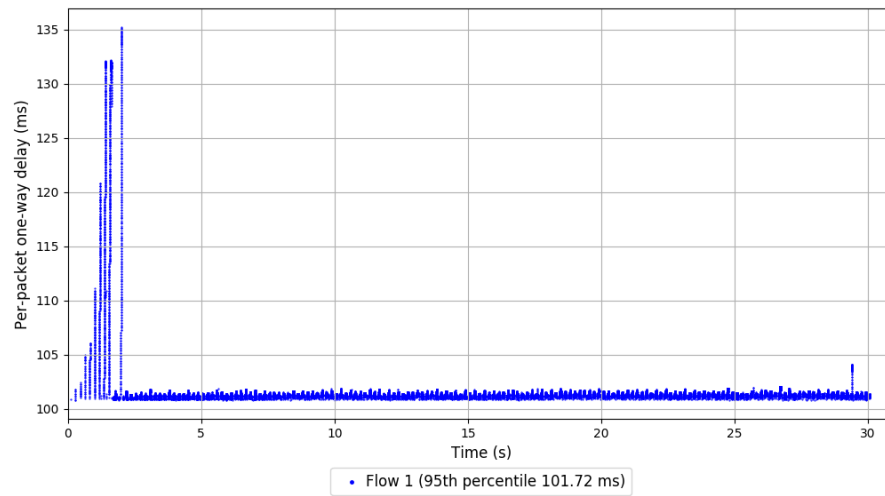
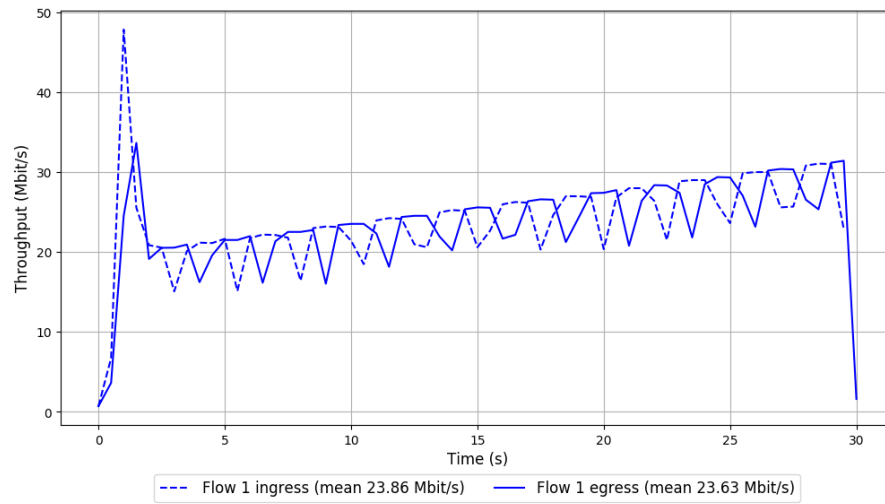
-- Flow 1:

Average throughput: 23.63 Mbit/s

95th percentile per-packet one-way delay: 101.721 ms

Loss rate: 0.94%

Run 6: Report of TCP Vegas — Data Link

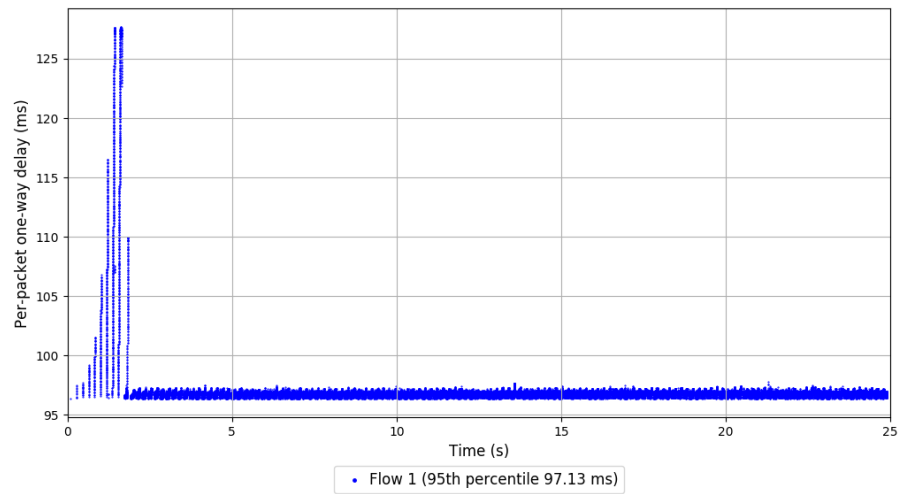
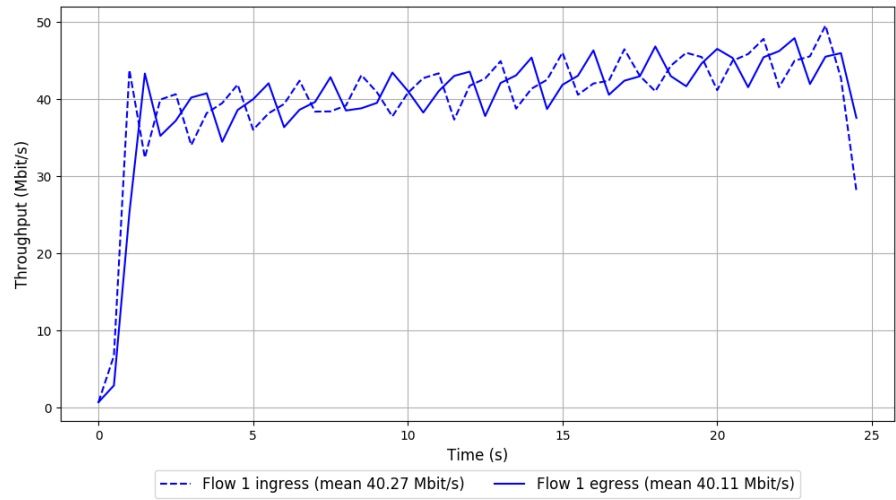


Run 7: Statistics of TCP Vegas

Start at: 2018-01-25 11:04:20
End at: 2018-01-25 11:04:50
Local clock offset: -1.036 ms
Remote clock offset: -4.249 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 97.131 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 97.131 ms
Loss rate: 0.38%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-01-25 11:24:02

End at: 2018-01-25 11:24:32

Local clock offset: -1.109 ms

Remote clock offset: 0.464 ms

Below is generated by plot.py at 2018-01-25 12:44:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.46 Mbit/s

95th percentile per-packet one-way delay: 101.358 ms

Loss rate: 0.30%

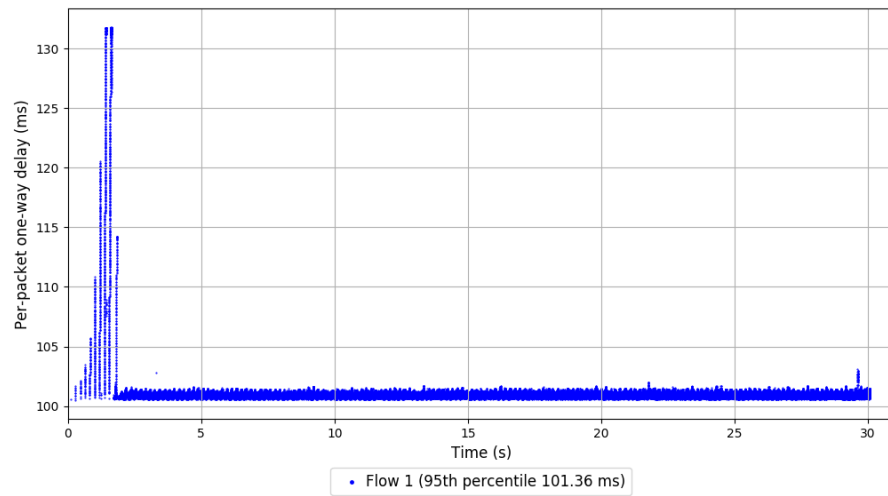
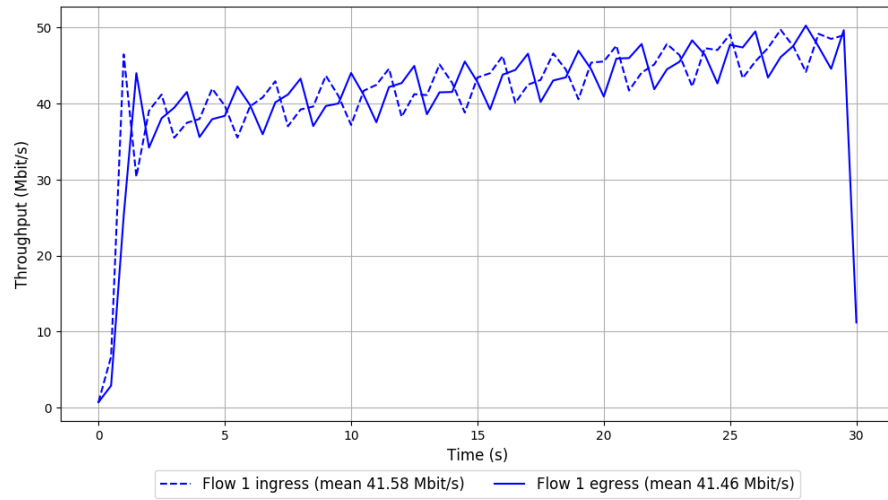
-- Flow 1:

Average throughput: 41.46 Mbit/s

95th percentile per-packet one-way delay: 101.358 ms

Loss rate: 0.30%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-01-25 11:43:48

End at: 2018-01-25 11:44:18

Local clock offset: -0.982 ms

Remote clock offset: 0.085 ms

Below is generated by plot.py at 2018-01-25 12:44:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.53 Mbit/s

95th percentile per-packet one-way delay: 101.225 ms

Loss rate: 0.38%

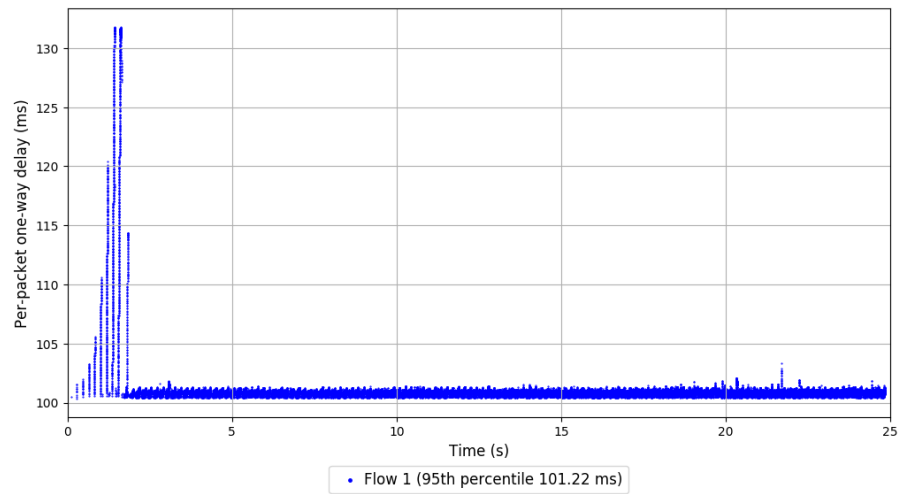
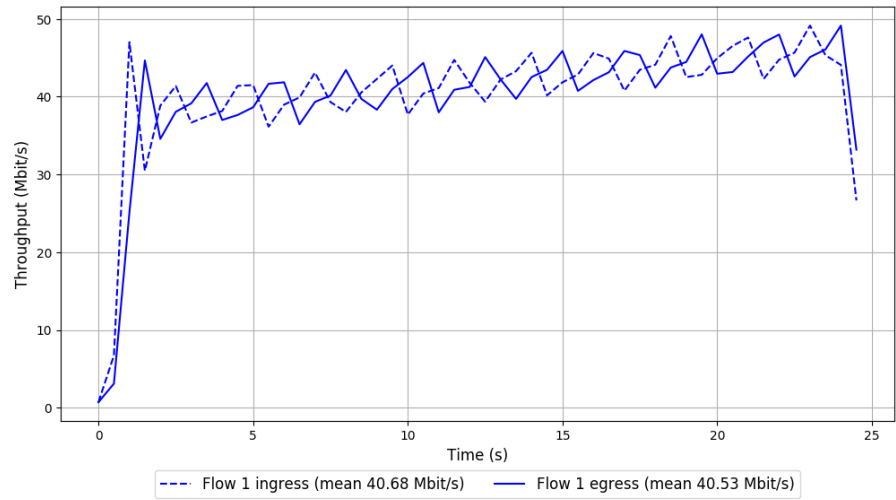
-- Flow 1:

Average throughput: 40.53 Mbit/s

95th percentile per-packet one-way delay: 101.225 ms

Loss rate: 0.38%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-01-25 12:03:22

End at: 2018-01-25 12:03:52

Local clock offset: -0.811 ms

Remote clock offset: -1.645 ms

Below is generated by plot.py at 2018-01-25 12:44:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 41.80 Mbit/s

95th percentile per-packet one-way delay: 100.519 ms

Loss rate: 0.30%

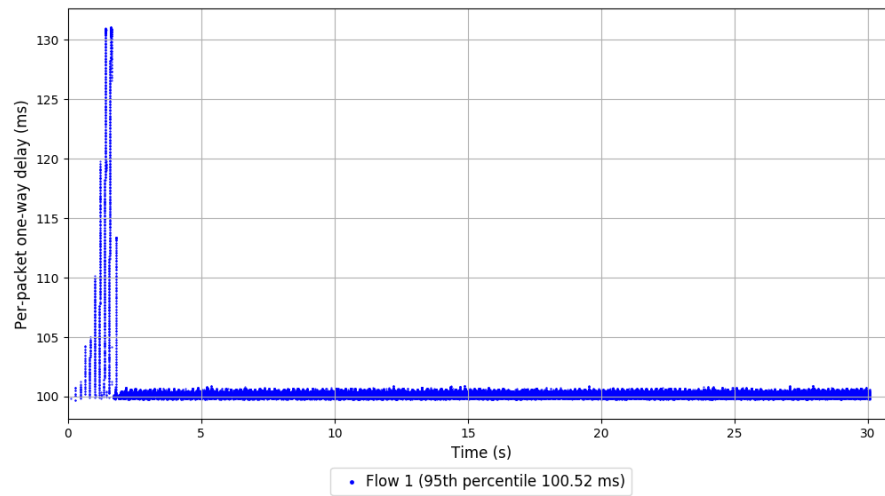
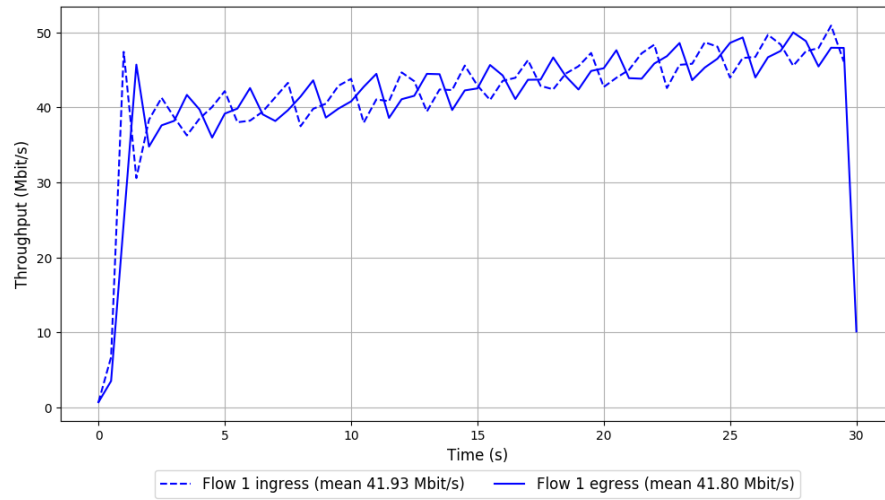
-- Flow 1:

Average throughput: 41.80 Mbit/s

95th percentile per-packet one-way delay: 100.519 ms

Loss rate: 0.30%

Run 10: Report of TCP Vegas — Data Link

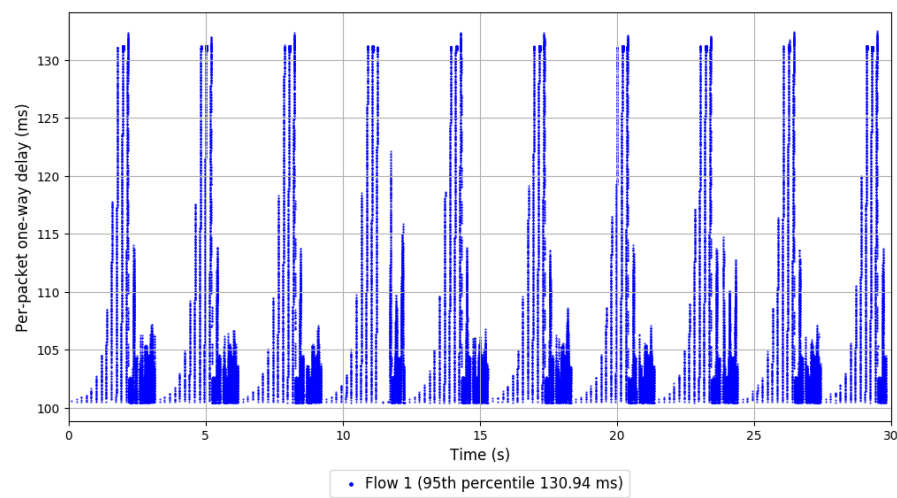
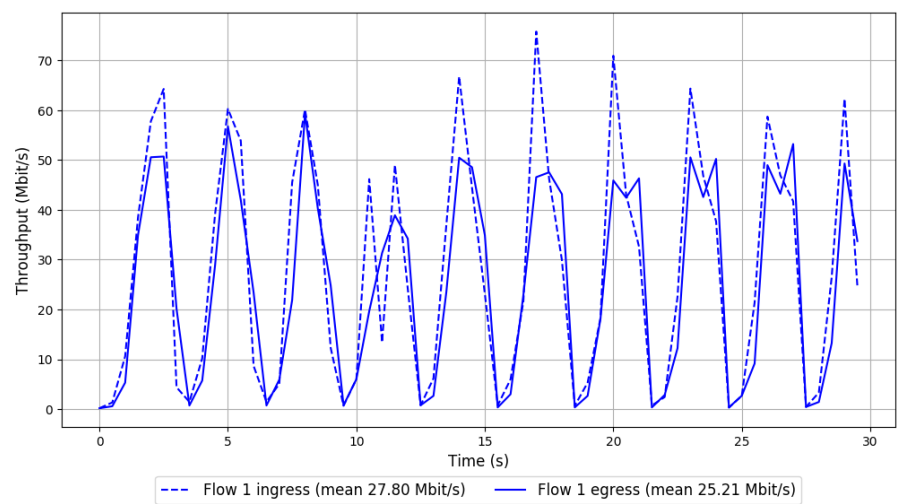


Run 1: Statistics of Verus

Start at: 2018-01-25 09:16:17
End at: 2018-01-25 09:16:47
Local clock offset: -0.939 ms
Remote clock offset: -0.663 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.21 Mbit/s
95th percentile per-packet one-way delay: 130.940 ms
Loss rate: 9.32%
-- Flow 1:
Average throughput: 25.21 Mbit/s
95th percentile per-packet one-way delay: 130.940 ms
Loss rate: 9.32%

Run 1: Report of Verus — Data Link

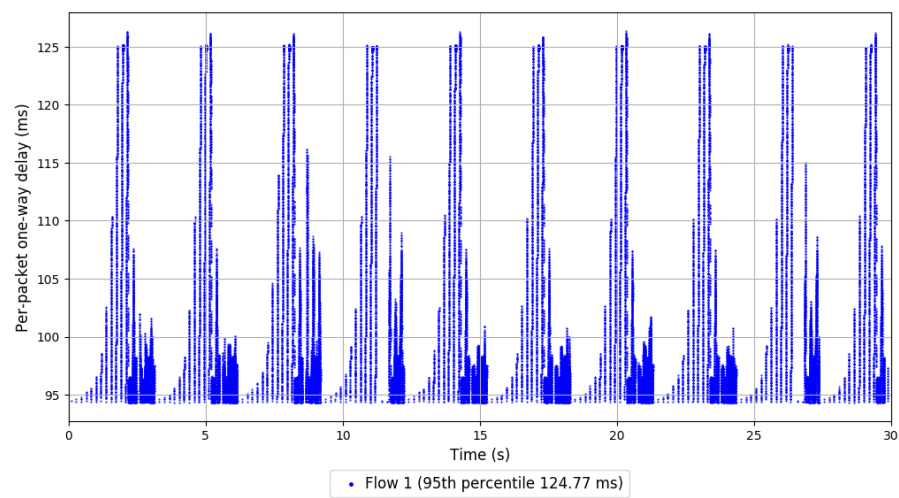
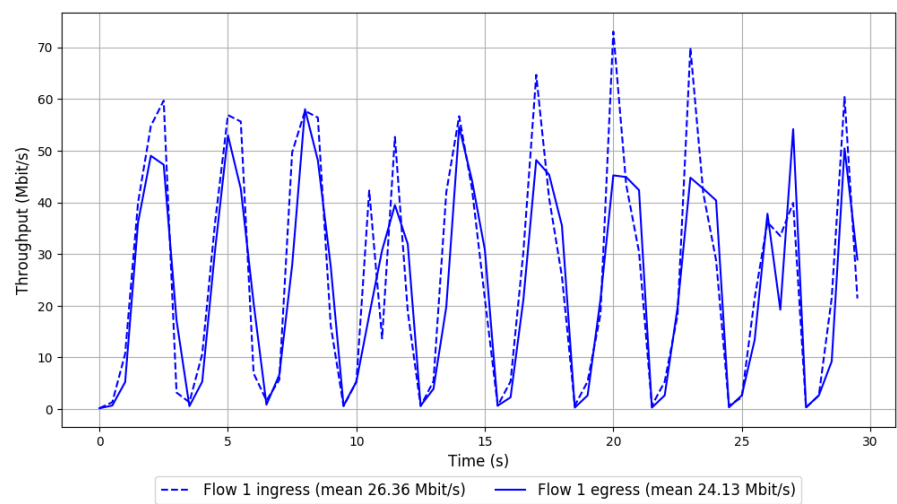


Run 2: Statistics of Verus

Start at: 2018-01-25 09:36:02
End at: 2018-01-25 09:36:32
Local clock offset: -0.958 ms
Remote clock offset: -6.669 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 124.774 ms
Loss rate: 8.48%
-- Flow 1:
Average throughput: 24.13 Mbit/s
95th percentile per-packet one-way delay: 124.774 ms
Loss rate: 8.48%

Run 2: Report of Verus — Data Link

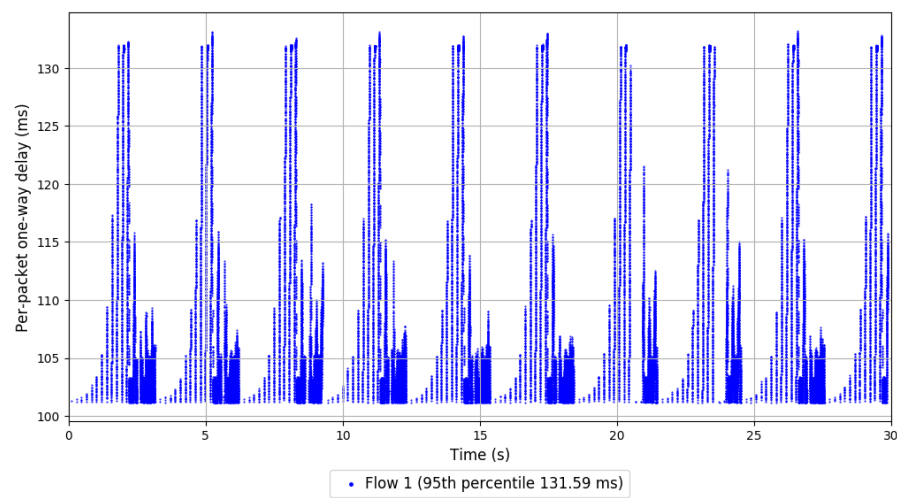
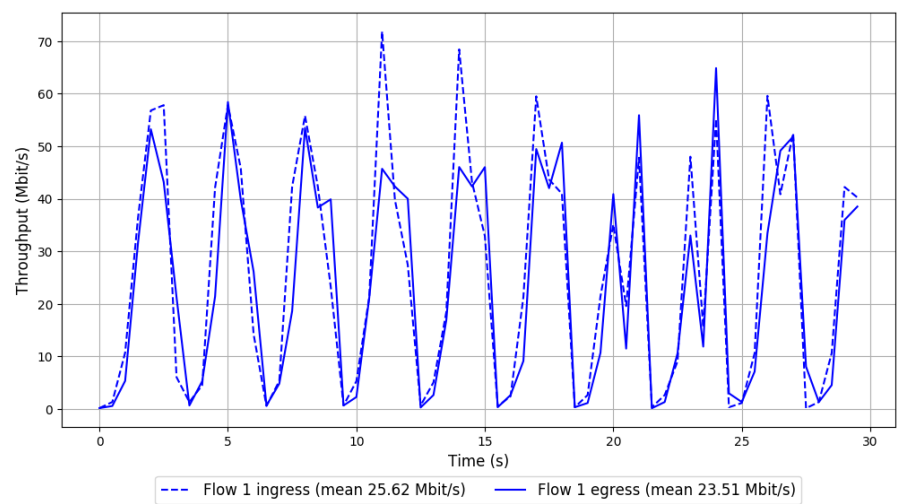


Run 3: Statistics of Verus

Start at: 2018-01-25 09:55:41
End at: 2018-01-25 09:56:11
Local clock offset: -0.986 ms
Remote clock offset: -1.994 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.51 Mbit/s
95th percentile per-packet one-way delay: 131.595 ms
Loss rate: 8.22%
-- Flow 1:
Average throughput: 23.51 Mbit/s
95th percentile per-packet one-way delay: 131.595 ms
Loss rate: 8.22%

Run 3: Report of Verus — Data Link

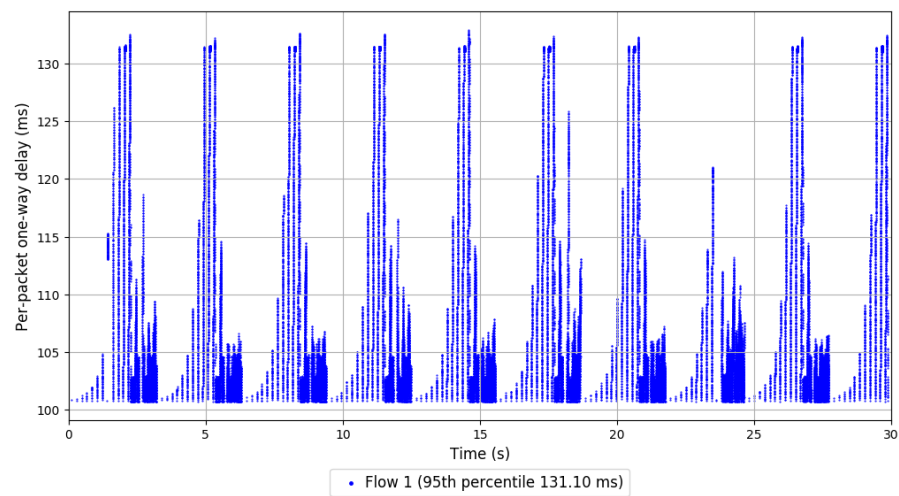
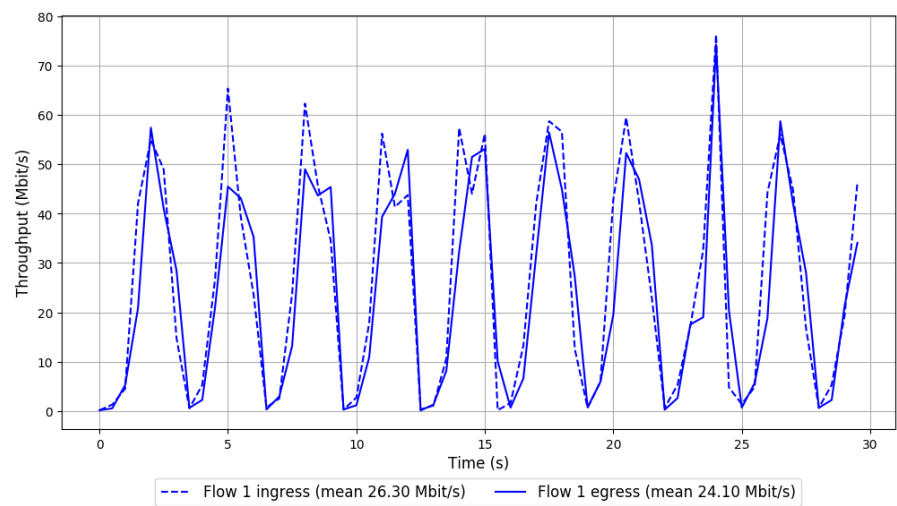


Run 4: Statistics of Verus

Start at: 2018-01-25 10:15:23
End at: 2018-01-25 10:15:53
Local clock offset: -0.987 ms
Remote clock offset: -6.367 ms

Below is generated by plot.py at 2018-01-25 12:44:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 131.104 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 24.10 Mbit/s
95th percentile per-packet one-way delay: 131.104 ms
Loss rate: 8.34%

Run 4: Report of Verus — Data Link

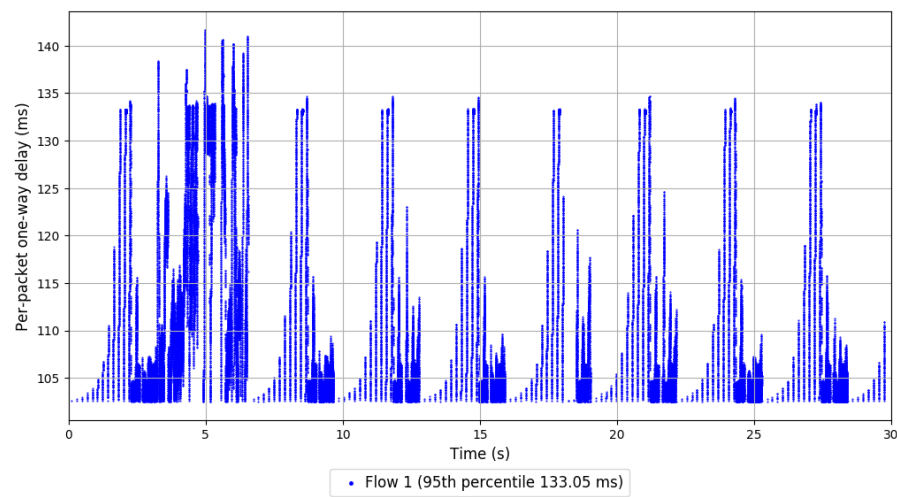
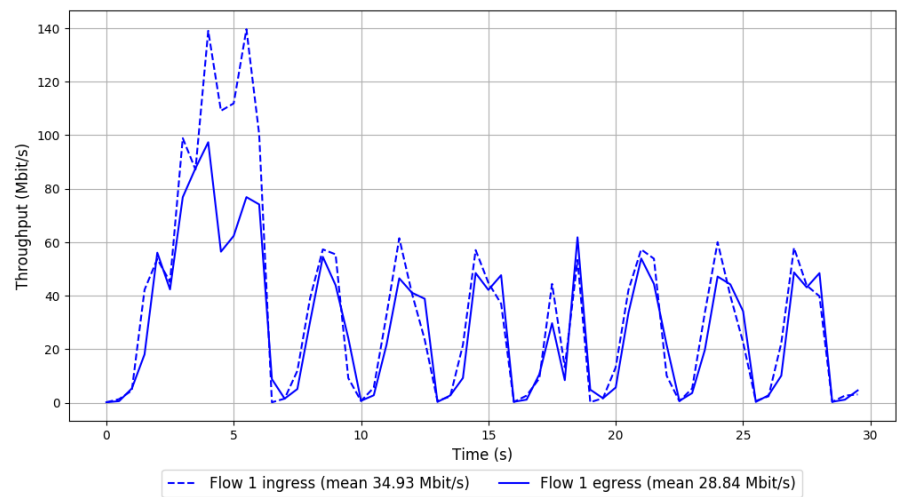


Run 5: Statistics of Verus

Start at: 2018-01-25 10:35:01
End at: 2018-01-25 10:35:31
Local clock offset: -0.984 ms
Remote clock offset: -6.329 ms

Below is generated by plot.py at 2018-01-25 12:44:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 133.050 ms
Loss rate: 17.43%
-- Flow 1:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 133.050 ms
Loss rate: 17.43%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-01-25 10:54:40

End at: 2018-01-25 10:55:10

Local clock offset: -1.047 ms

Remote clock offset: 0.96 ms

Below is generated by plot.py at 2018-01-25 12:44:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.86 Mbit/s

95th percentile per-packet one-way delay: 131.339 ms

Loss rate: 15.47%

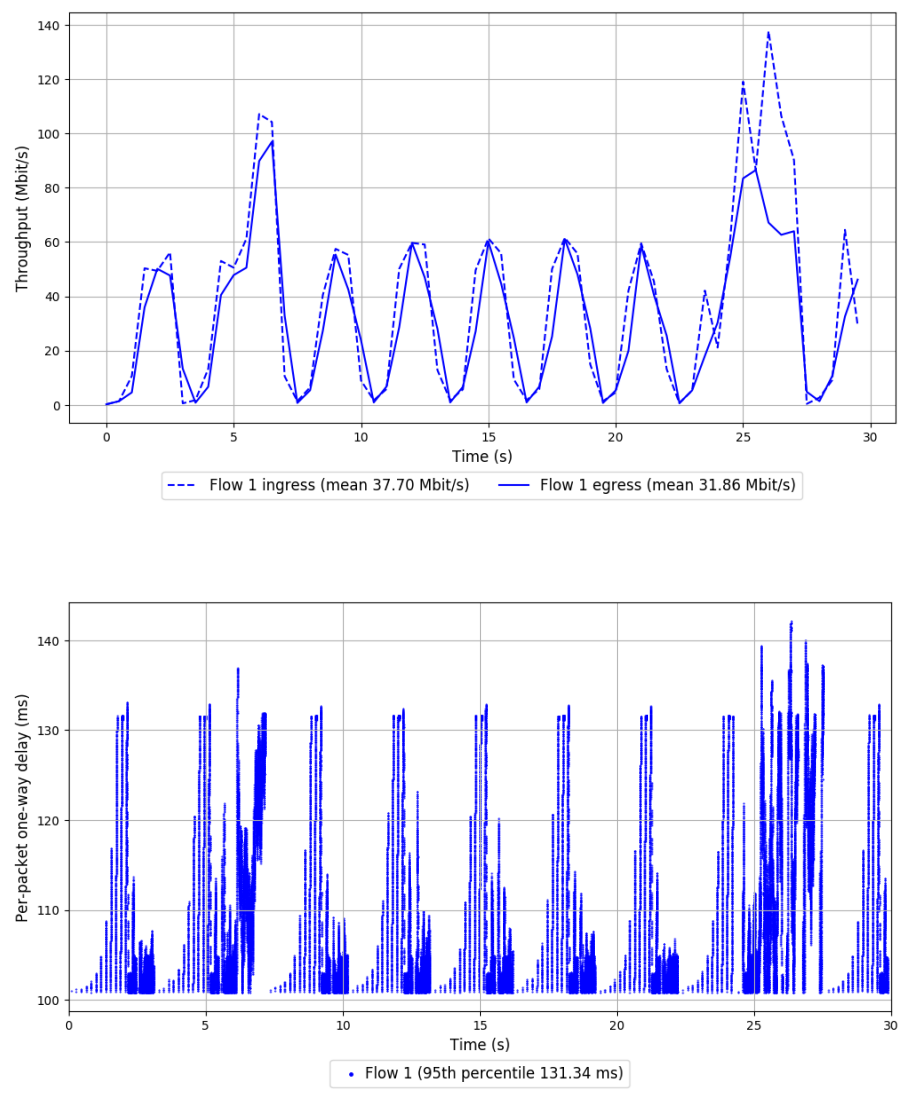
-- Flow 1:

Average throughput: 31.86 Mbit/s

95th percentile per-packet one-way delay: 131.339 ms

Loss rate: 15.47%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-01-25 11:14:17

End at: 2018-01-25 11:14:47

Local clock offset: -1.074 ms

Remote clock offset: 0.56 ms

Below is generated by plot.py at 2018-01-25 12:44:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 25.37 Mbit/s

95th percentile per-packet one-way delay: 135.411 ms

Loss rate: 9.69%

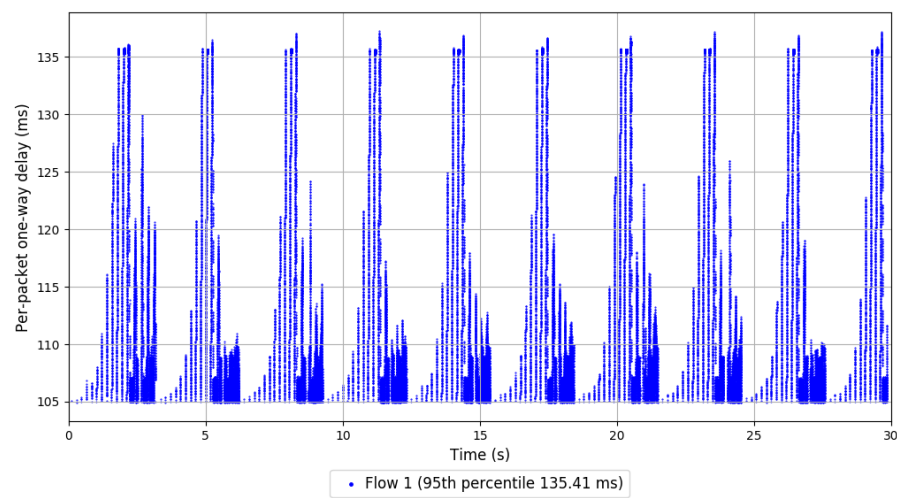
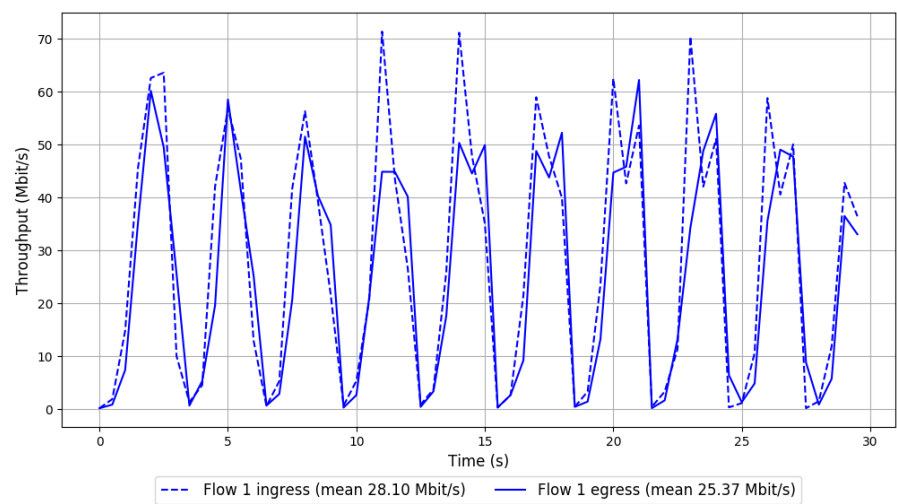
-- Flow 1:

Average throughput: 25.37 Mbit/s

95th percentile per-packet one-way delay: 135.411 ms

Loss rate: 9.69%

Run 7: Report of Verus — Data Link

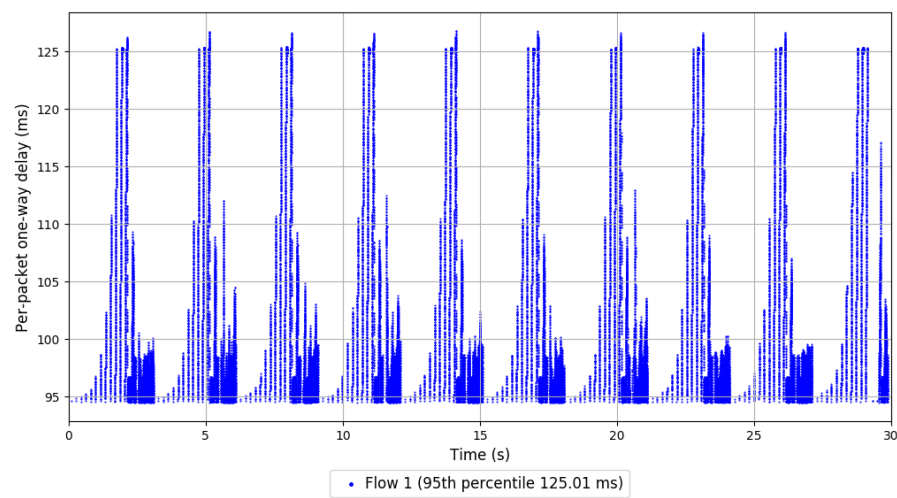
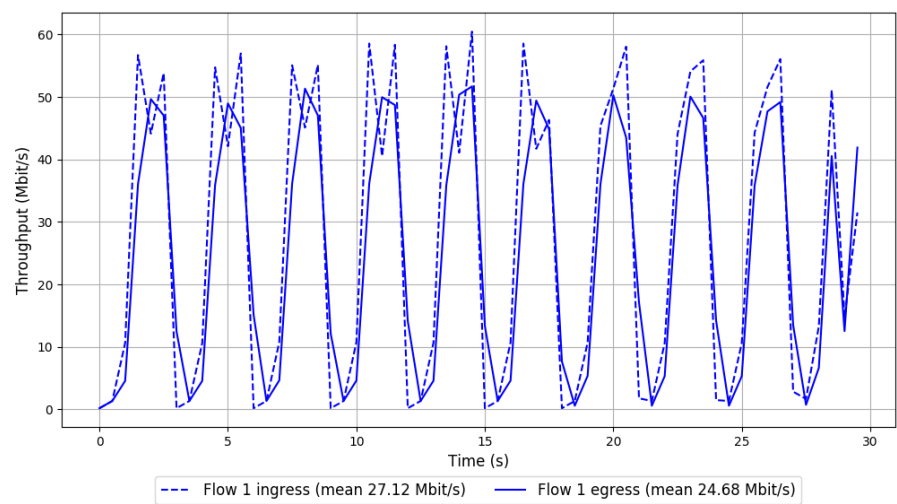


Run 8: Statistics of Verus

Start at: 2018-01-25 11:34:01
End at: 2018-01-25 11:34:31
Local clock offset: -1.038 ms
Remote clock offset: -5.368 ms

Below is generated by plot.py at 2018-01-25 12:44:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 125.007 ms
Loss rate: 8.98%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: 125.007 ms
Loss rate: 8.98%

Run 8: Report of Verus — Data Link

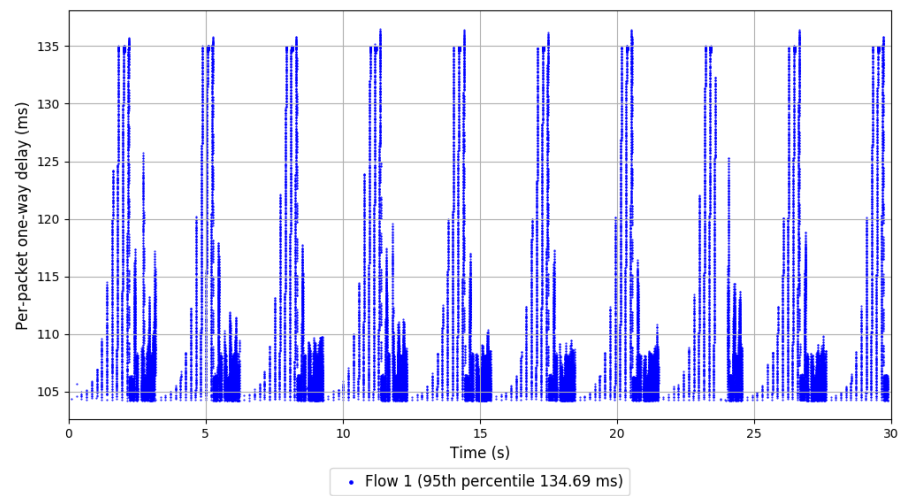
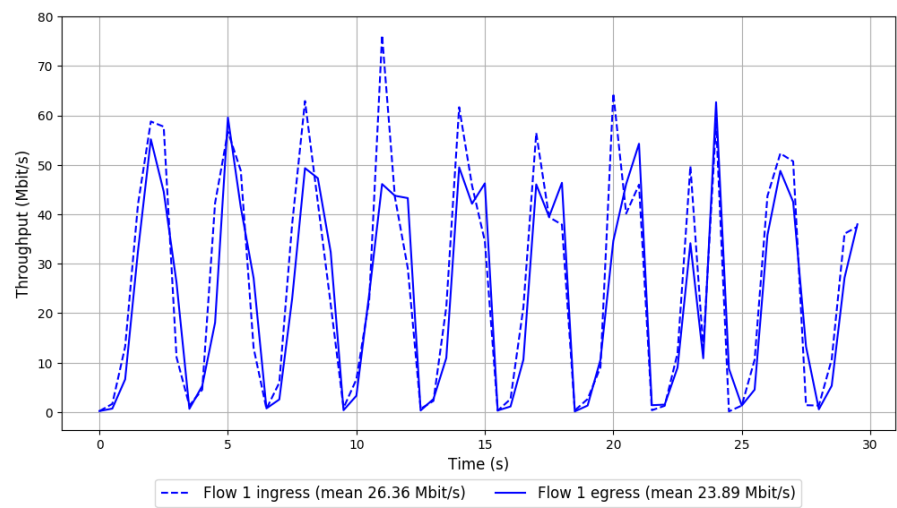


Run 9: Statistics of Verus

Start at: 2018-01-25 11:53:43
End at: 2018-01-25 11:54:13
Local clock offset: -0.96 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-01-25 12:44:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 134.693 ms
Loss rate: 9.34%
-- Flow 1:
Average throughput: 23.89 Mbit/s
95th percentile per-packet one-way delay: 134.693 ms
Loss rate: 9.34%

Run 9: Report of Verus — Data Link

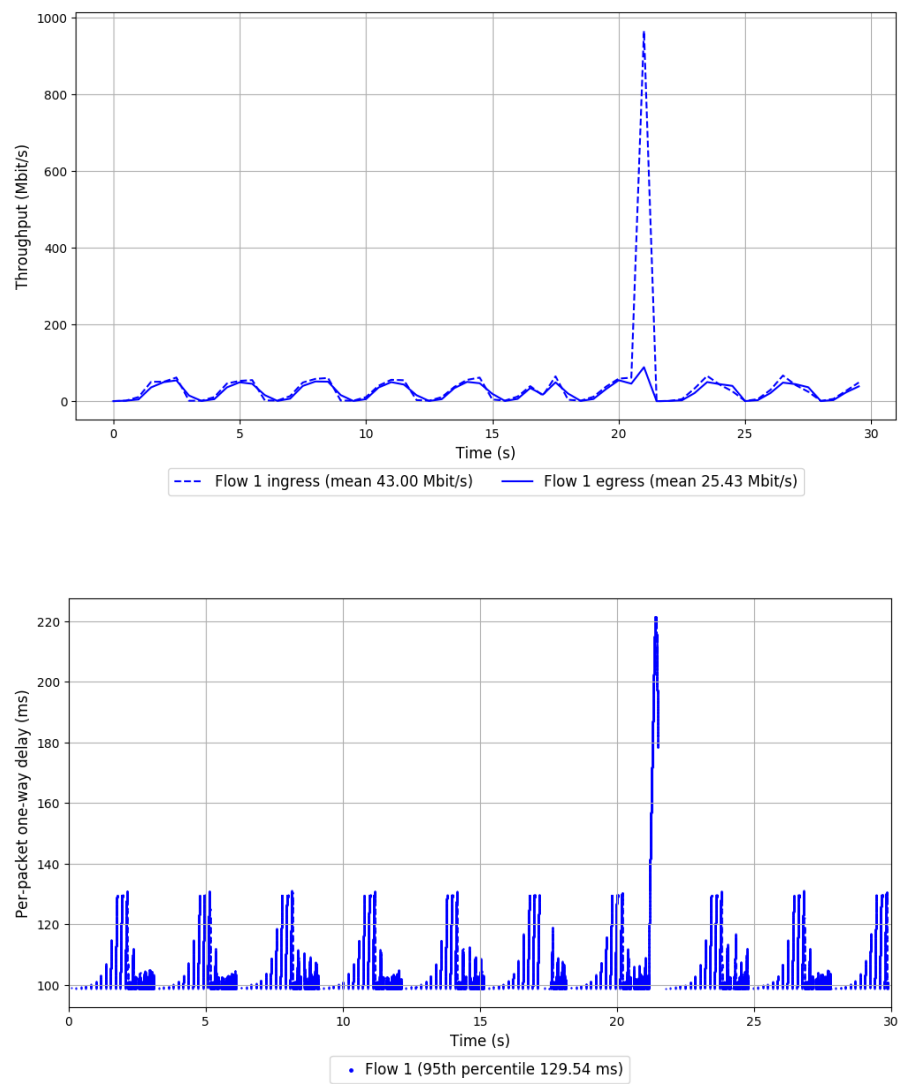


Run 10: Statistics of Verus

Start at: 2018-01-25 12:13:18
End at: 2018-01-25 12:13:48
Local clock offset: -0.76 ms
Remote clock offset: -0.454 ms

Below is generated by plot.py at 2018-01-25 12:44:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.43 Mbit/s
95th percentile per-packet one-way delay: 129.544 ms
Loss rate: 40.86%
-- Flow 1:
Average throughput: 25.43 Mbit/s
95th percentile per-packet one-way delay: 129.544 ms
Loss rate: 40.86%

Run 10: Report of Verus — Data Link

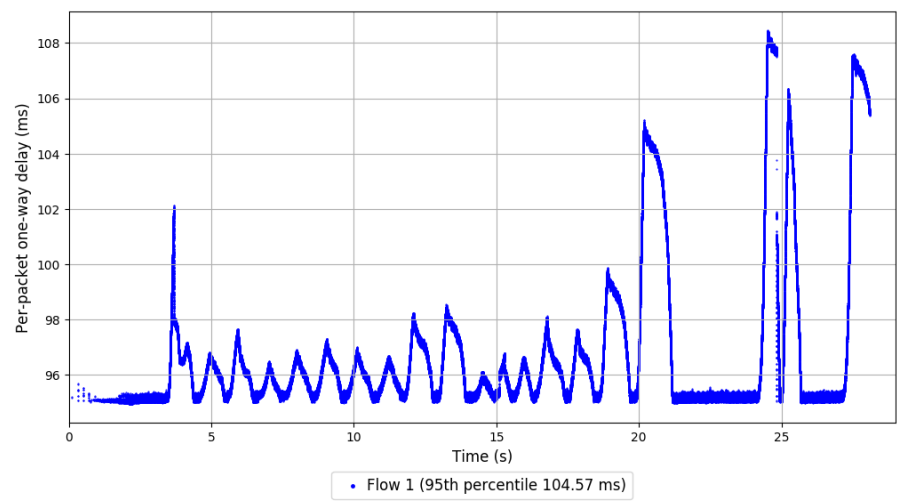
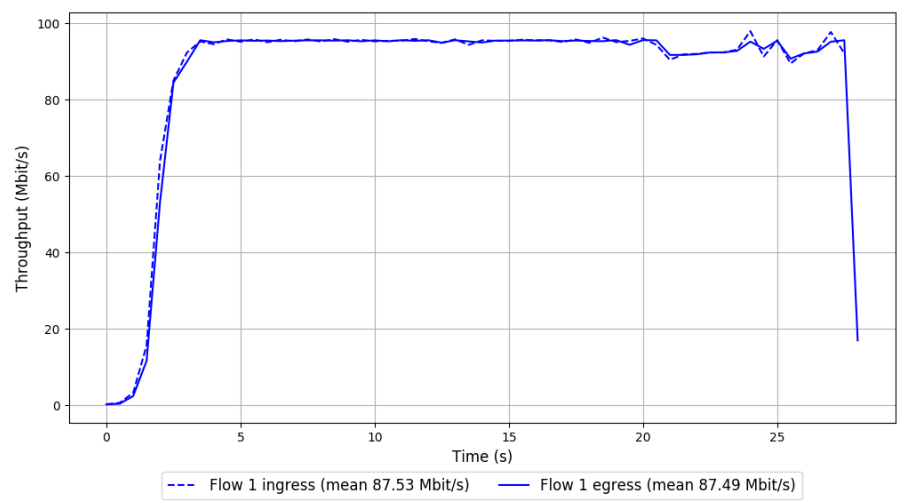


Run 1: Statistics of Copa

Start at: 2018-01-25 09:17:30
End at: 2018-01-25 09:18:00
Local clock offset: -0.884 ms
Remote clock offset: -5.837 ms

Below is generated by plot.py at 2018-01-25 12:46:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 104.567 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.49 Mbit/s
95th percentile per-packet one-way delay: 104.567 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

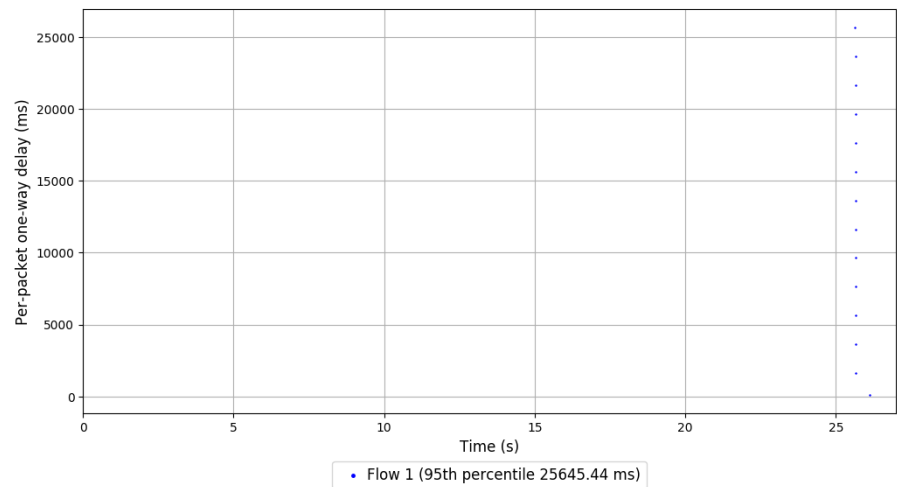
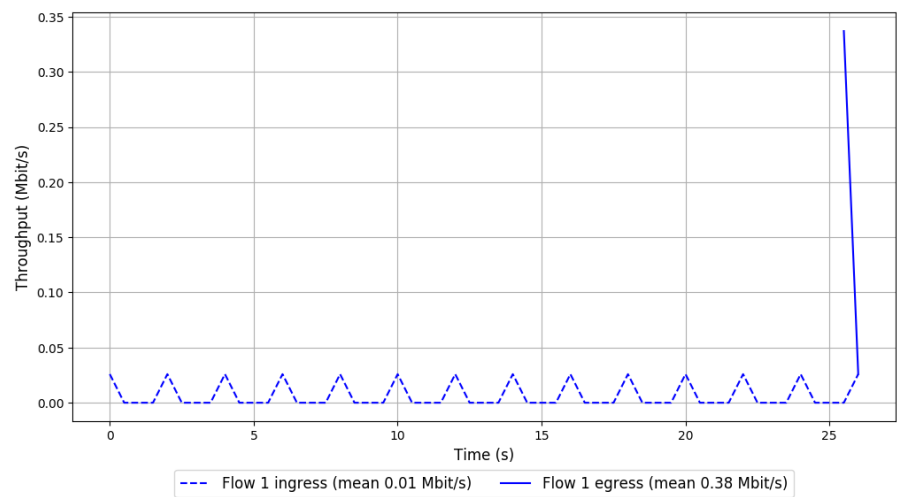
Start at: 2018-01-25 09:37:14

End at: 2018-01-25 09:37:44

Local clock offset: -0.961 ms

Remote clock offset: -0.872 ms

Run 2: Report of Copa — Data Link

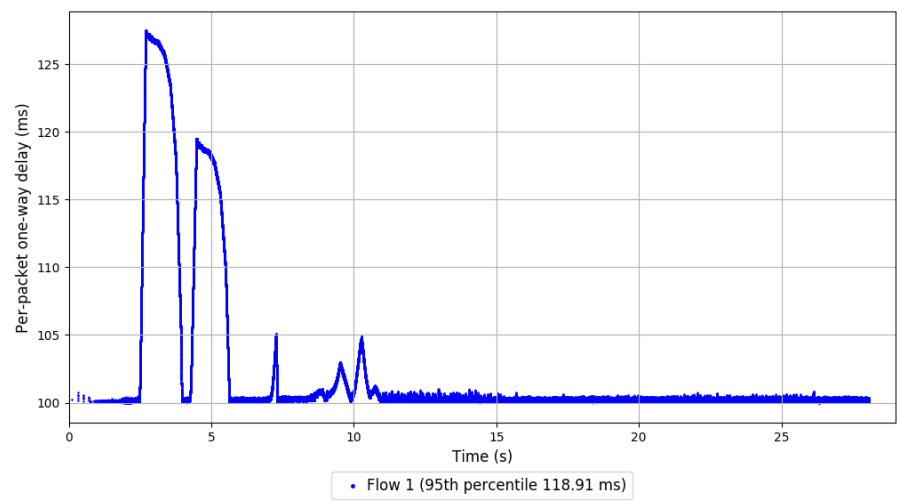
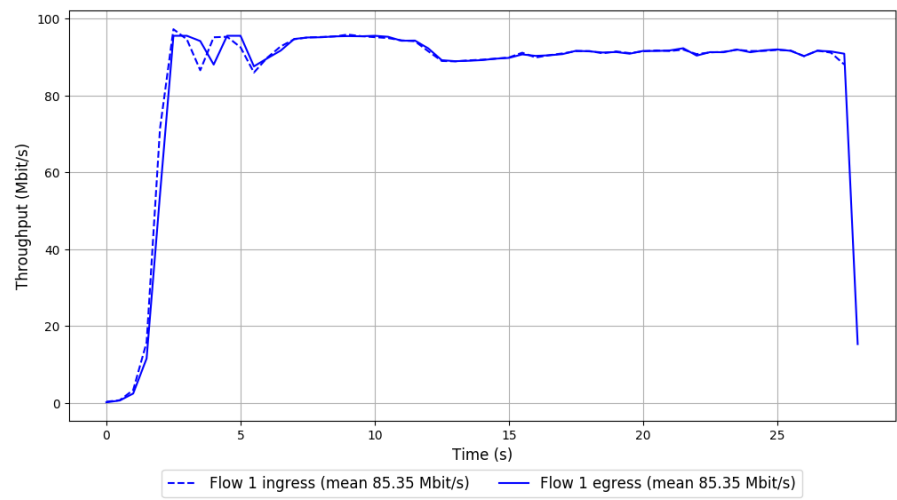


Run 3: Statistics of Copa

Start at: 2018-01-25 09:56:54
End at: 2018-01-25 09:57:24
Local clock offset: -0.997 ms
Remote clock offset: -1.067 ms

Below is generated by plot.py at 2018-01-25 12:46:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.35 Mbit/s
95th percentile per-packet one-way delay: 118.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.35 Mbit/s
95th percentile per-packet one-way delay: 118.906 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

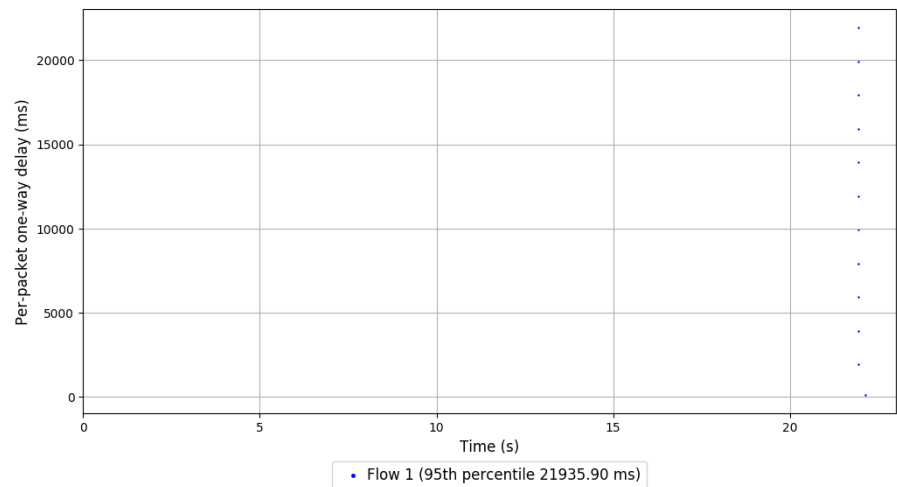
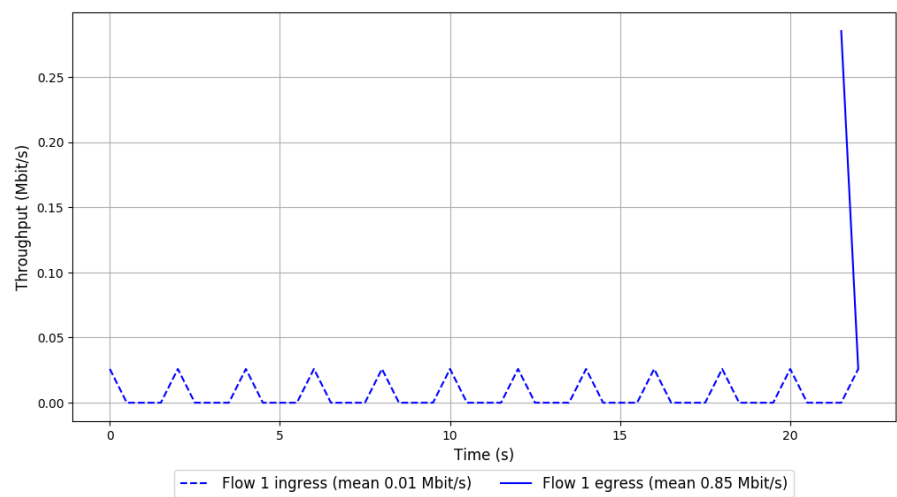
Start at: 2018-01-25 10:16:35

End at: 2018-01-25 10:17:05

Local clock offset: -0.998 ms

Remote clock offset: -5.856 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

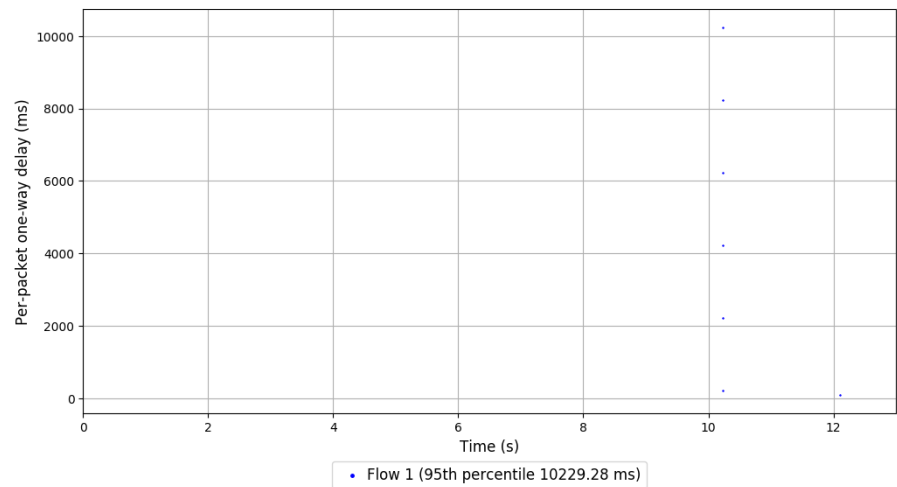
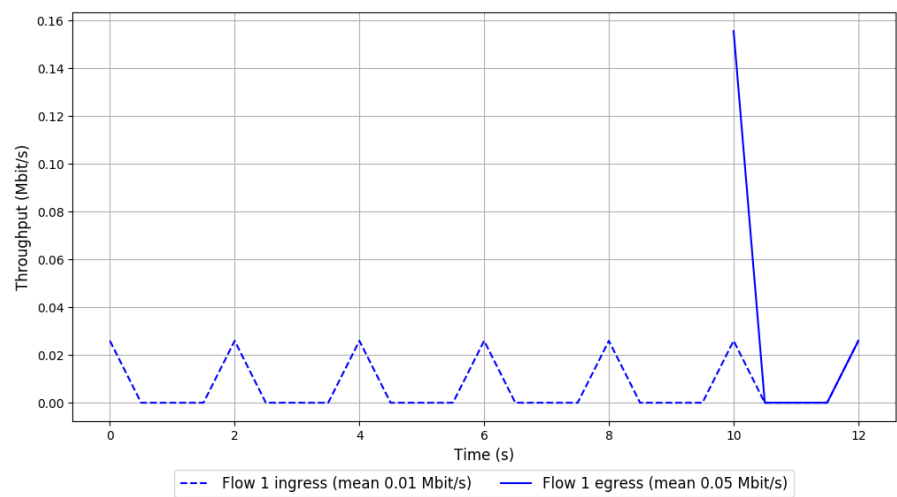
Start at: 2018-01-25 10:36:14

End at: 2018-01-25 10:36:44

Local clock offset: -0.999 ms

Remote clock offset: -5.781 ms

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

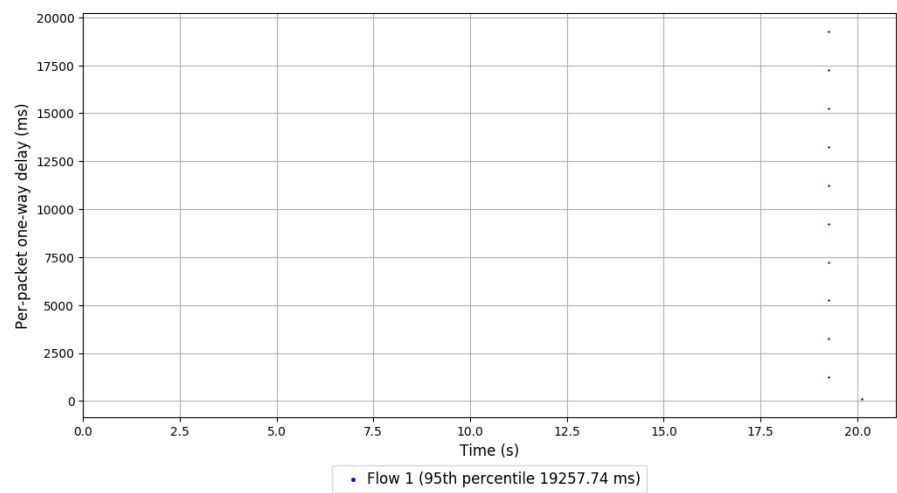
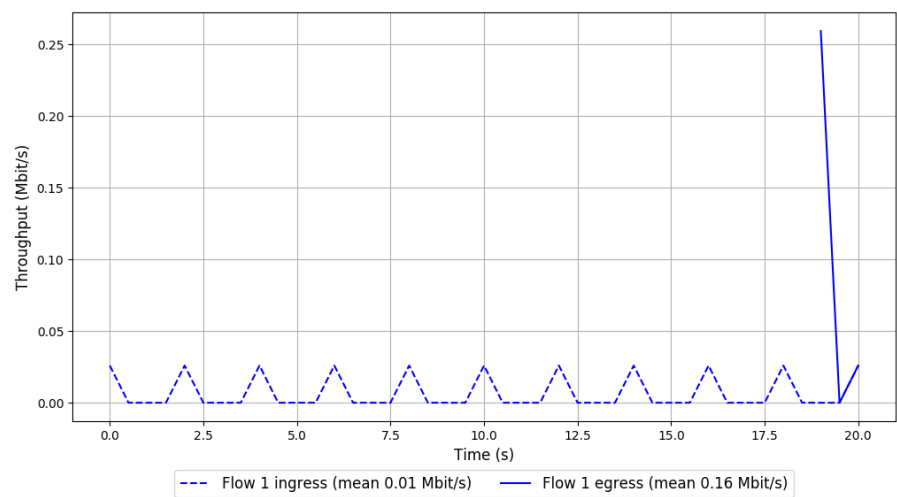
Start at: 2018-01-25 10:55:53

End at: 2018-01-25 10:56:23

Local clock offset: -1.039 ms

Remote clock offset: 0.819 ms

Run 6: Report of Copa — Data Link

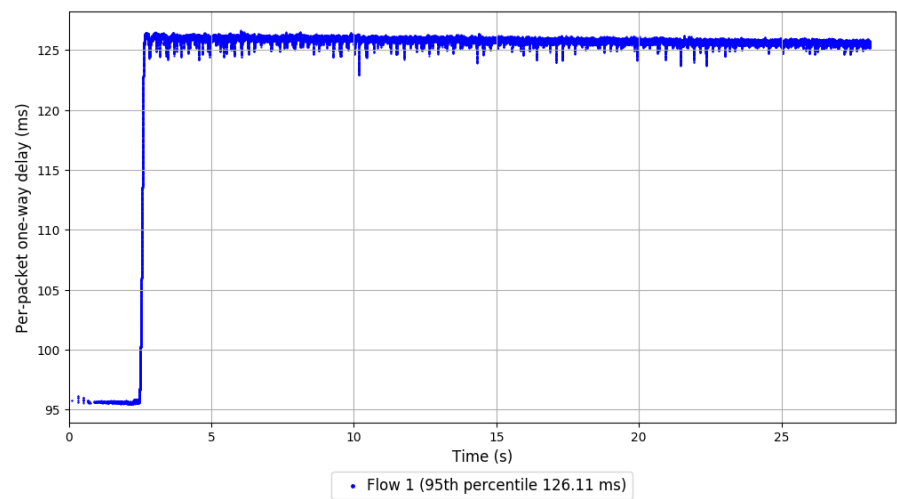
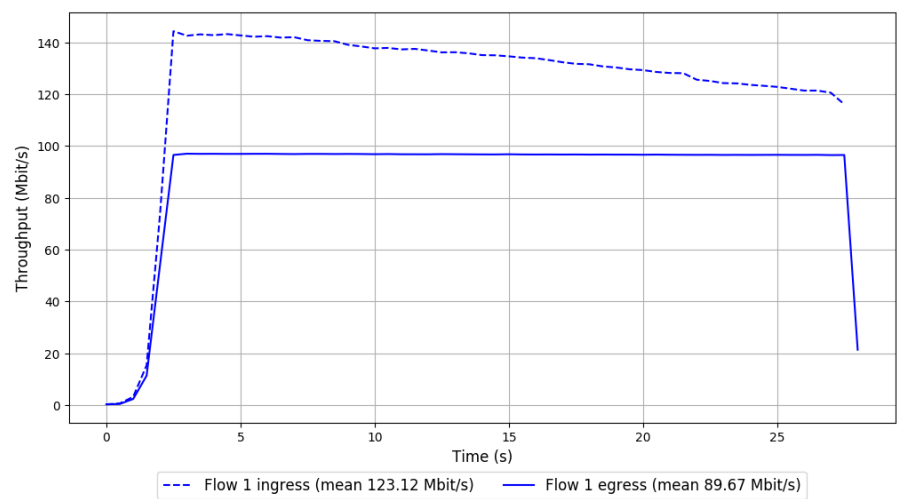


Run 7: Statistics of Copa

Start at: 2018-01-25 11:15:29
End at: 2018-01-25 11:15:59
Local clock offset: -1.081 ms
Remote clock offset: -5.34 ms

Below is generated by plot.py at 2018-01-25 12:46:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 126.110 ms
Loss rate: 27.09%
-- Flow 1:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 126.110 ms
Loss rate: 27.09%

Run 7: Report of Copa — Data Link

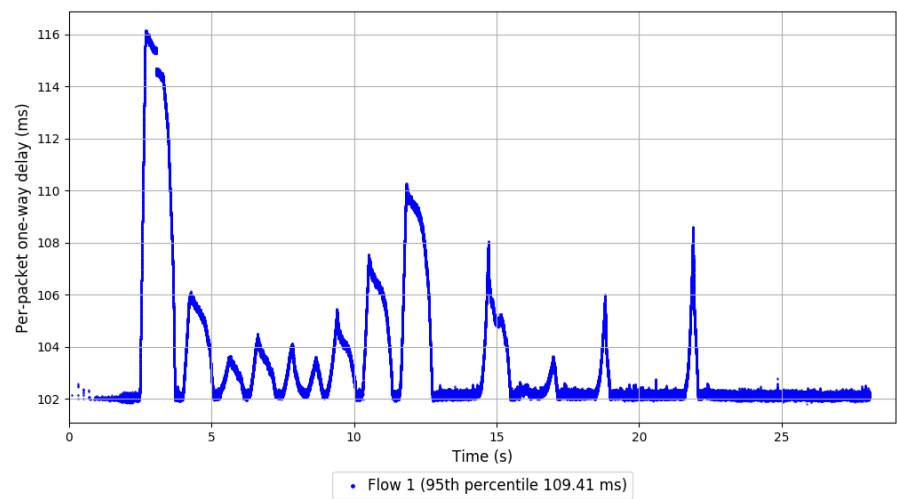
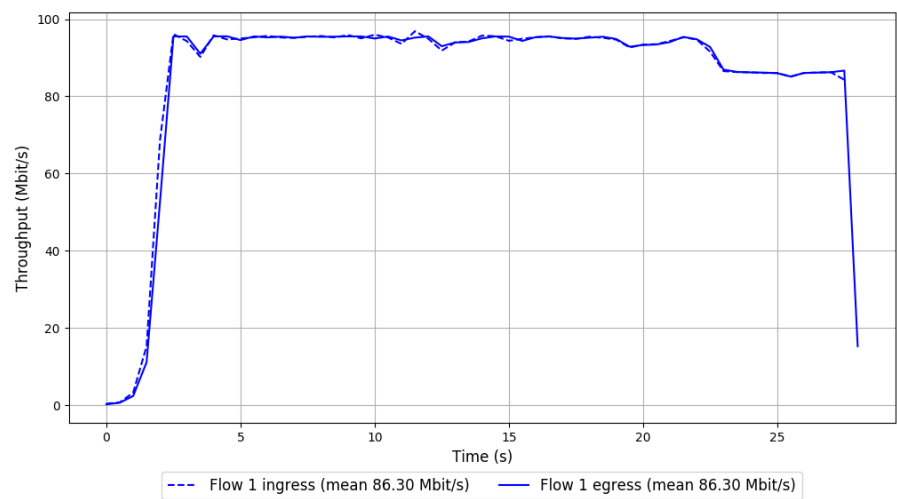


Run 8: Statistics of Copa

Start at: 2018-01-25 11:35:13
End at: 2018-01-25 11:35:43
Local clock offset: -1.115 ms
Remote clock offset: 0.26 ms

Below is generated by plot.py at 2018-01-25 12:46:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 109.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.30 Mbit/s
95th percentile per-packet one-way delay: 109.405 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

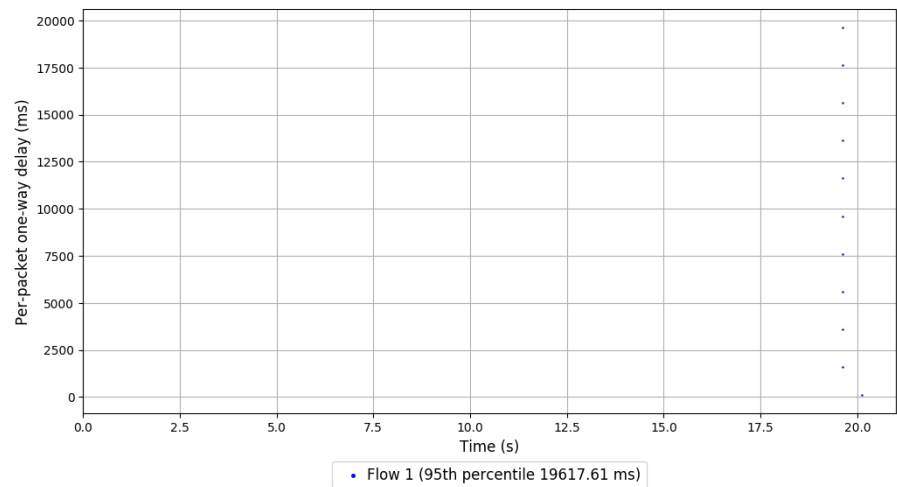
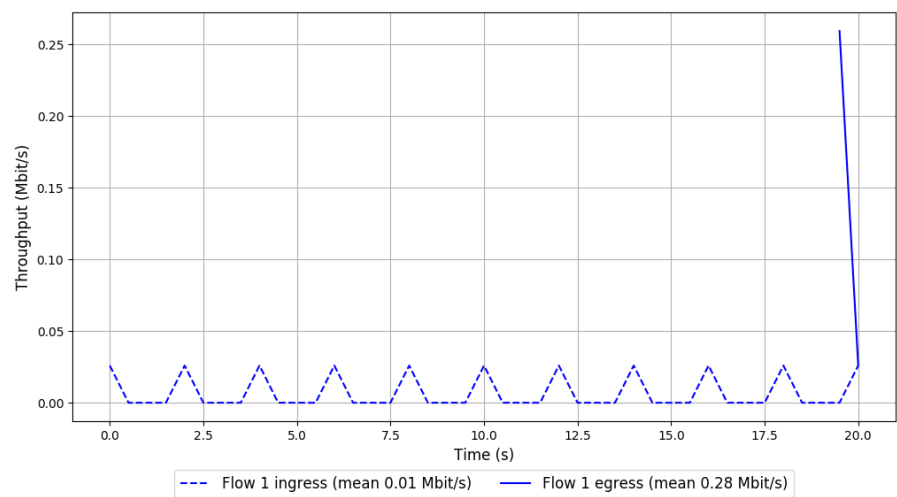
Start at: 2018-01-25 11:54:56

End at: 2018-01-25 11:55:26

Local clock offset: -0.882 ms

Remote clock offset: -0.038 ms

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

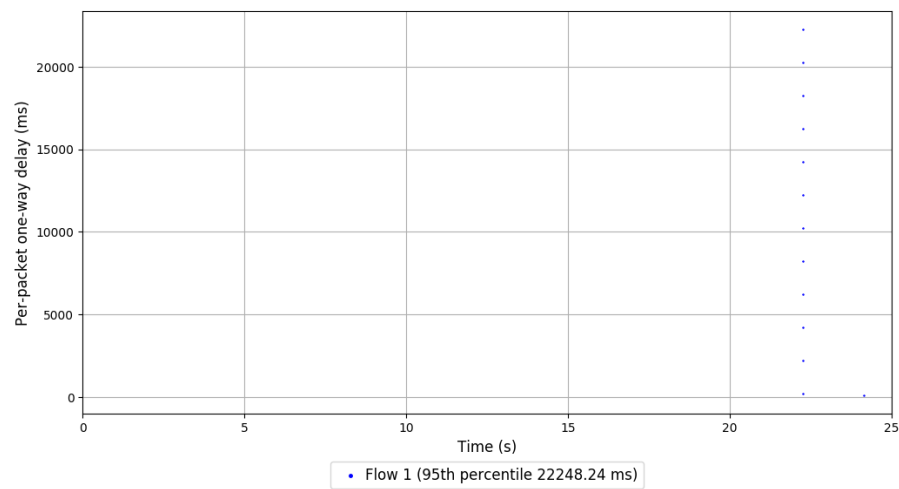
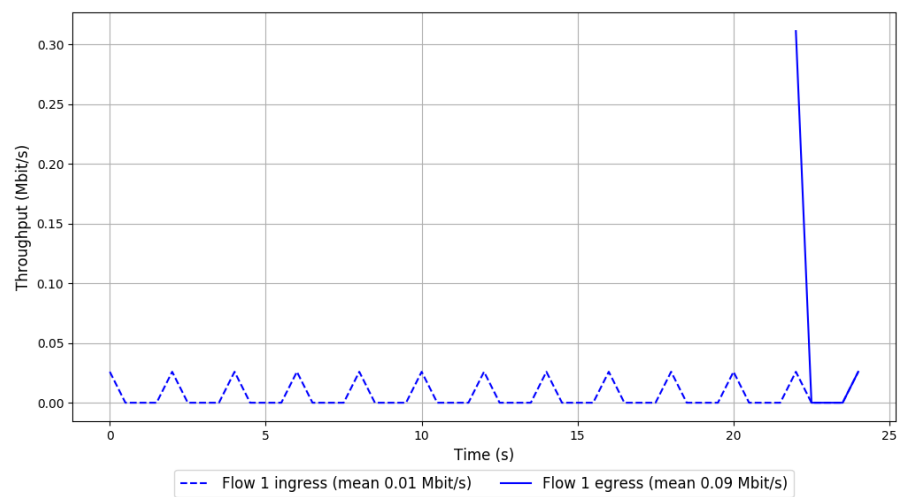
Start at: 2018-01-25 12:14:31

End at: 2018-01-25 12:15:01

Local clock offset: -0.748 ms

Remote clock offset: -1.396 ms

Run 10: Report of Copa — Data Link

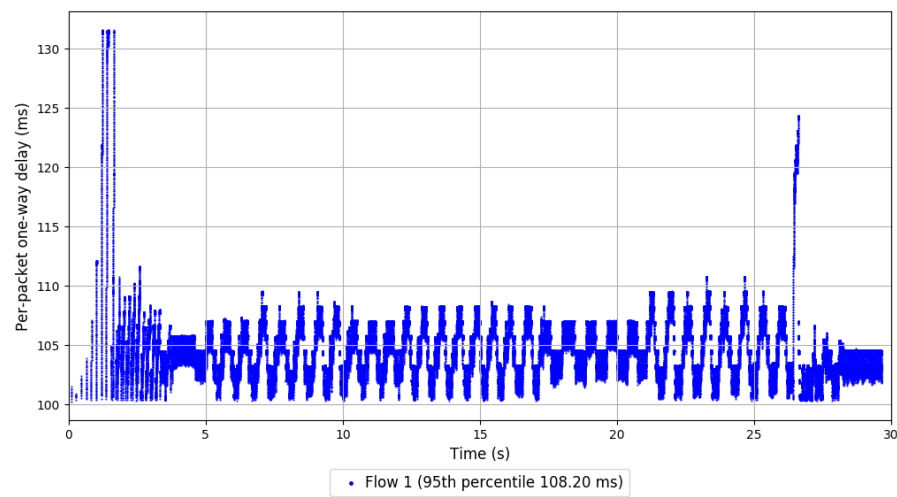
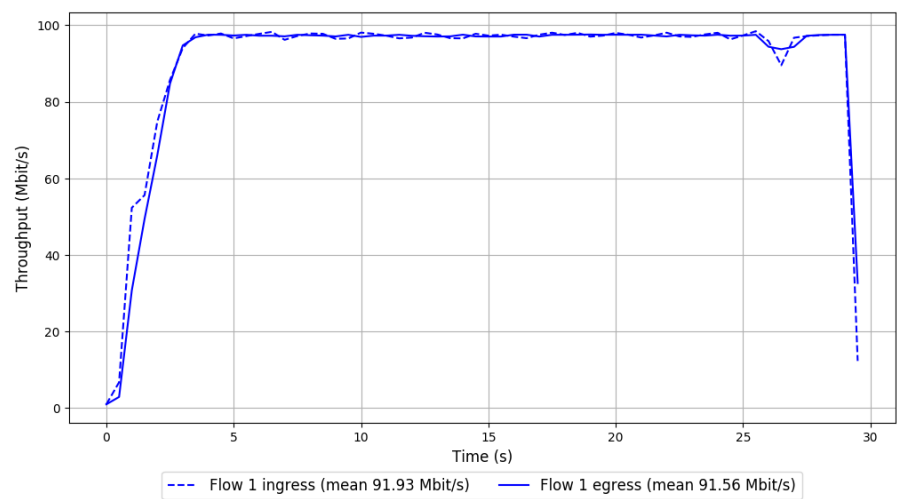


```
Run 1: Statistics of Indigo-2-256

Start at: 2018-01-25 09:07:31
End at: 2018-01-25 09:08:01
Local clock offset: -0.873 ms
Remote clock offset: 0.49 ms

# Below is generated by plot.py at 2018-01-25 12:46:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 108.201 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 108.201 ms
Loss rate: 0.39%
```


Run 1: Report of Indigo-2-256 — Data Link

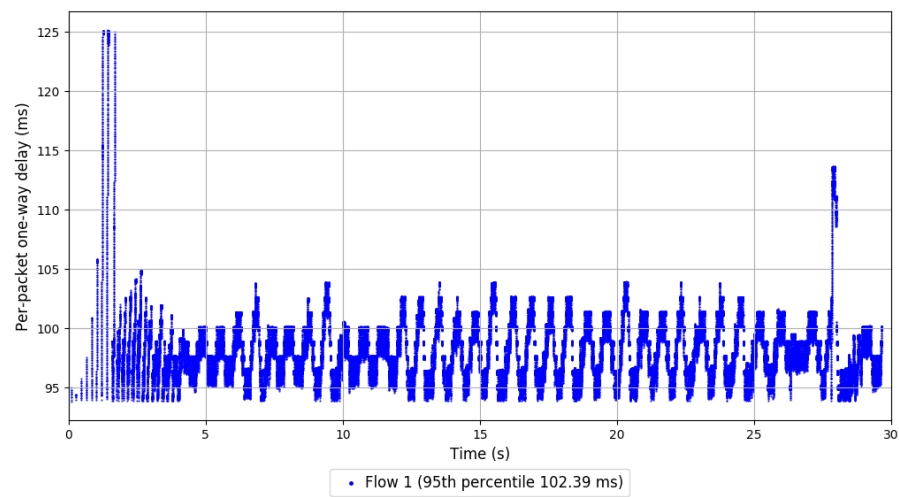
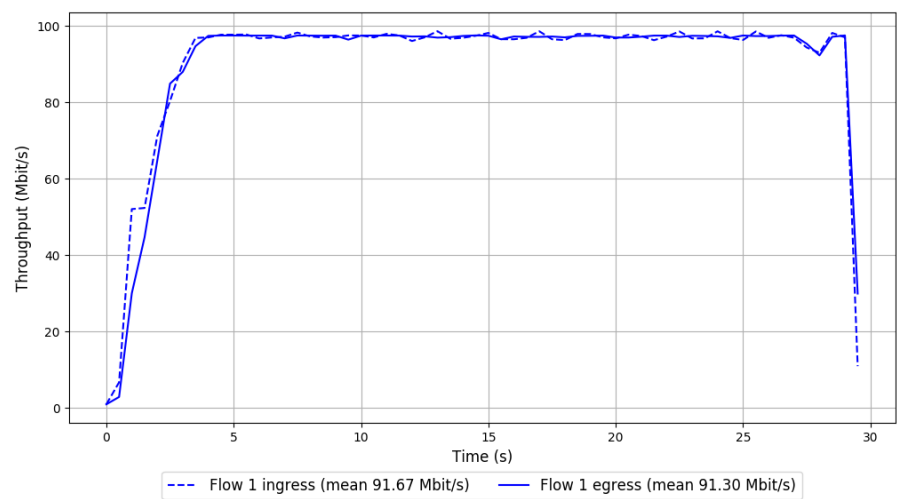


Run 2: Statistics of Indigo-2-256

Start at: 2018-01-25 09:27:17
End at: 2018-01-25 09:27:47
Local clock offset: -0.971 ms
Remote clock offset: -6.861 ms

Below is generated by plot.py at 2018-01-25 12:46:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 102.385 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 102.385 ms
Loss rate: 0.38%

Run 2: Report of Indigo-2-256 — Data Link

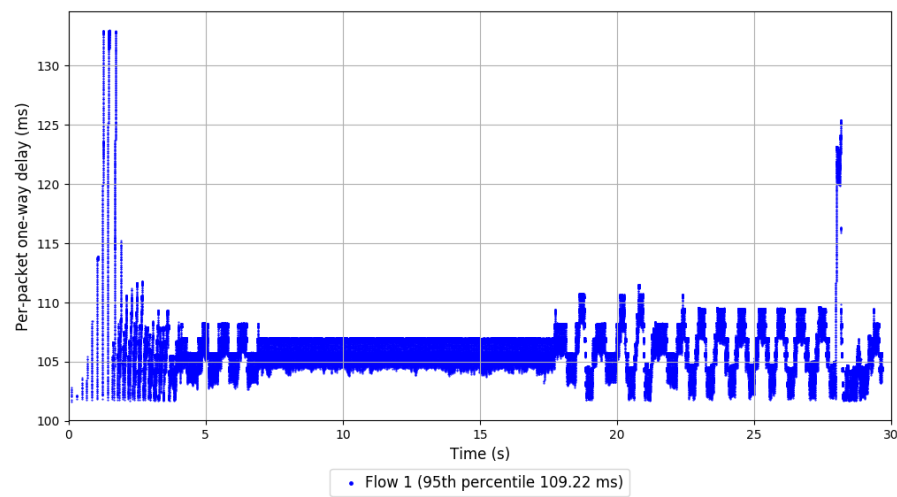
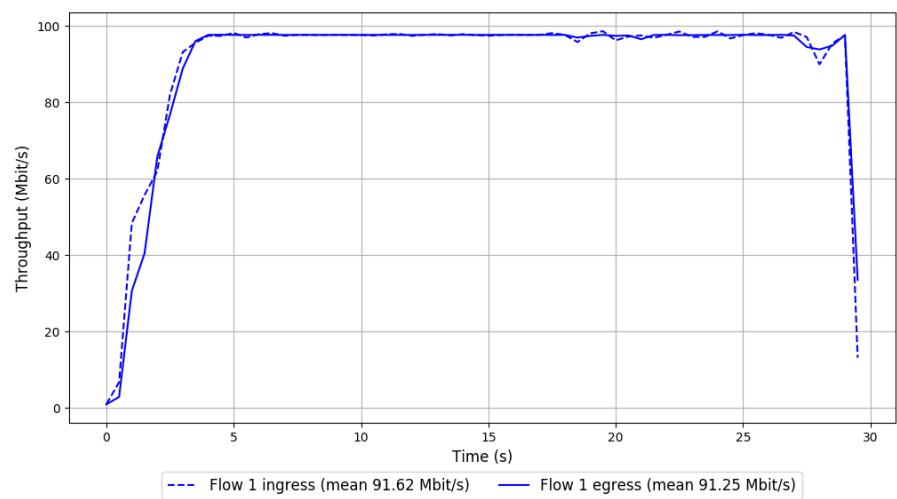


Run 3: Statistics of Indigo-2-256

Start at: 2018-01-25 09:46:55
End at: 2018-01-25 09:47:25
Local clock offset: -0.965 ms
Remote clock offset: -1.345 ms

Below is generated by plot.py at 2018-01-25 12:46:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 109.222 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 91.25 Mbit/s
95th percentile per-packet one-way delay: 109.222 ms
Loss rate: 0.39%

Run 3: Report of Indigo-2-256 — Data Link



Run 4: Statistics of Indigo-2-256

Start at: 2018-01-25 10:06:40

End at: 2018-01-25 10:07:10

Local clock offset: -0.983 ms

Remote clock offset: -5.52 ms

Below is generated by plot.py at 2018-01-25 12:46:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 109.536 ms

Loss rate: 0.40%

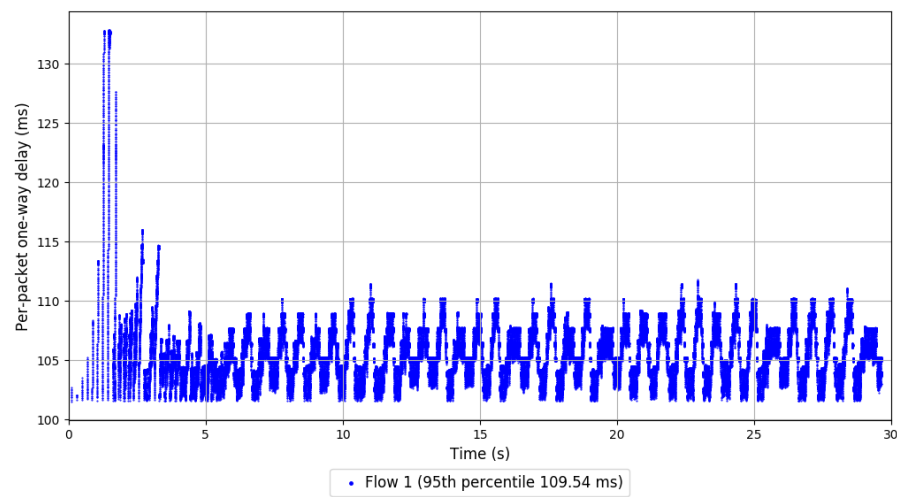
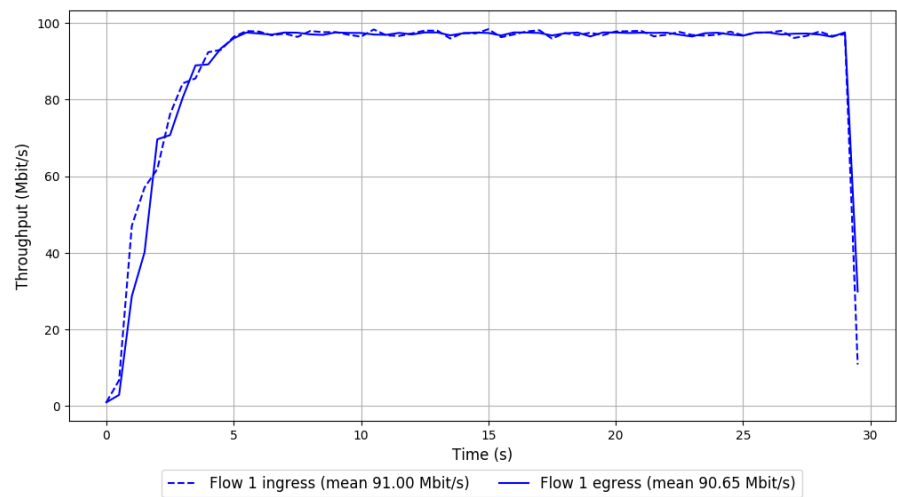
-- Flow 1:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 109.536 ms

Loss rate: 0.40%

Run 4: Report of Indigo-2-256 — Data Link

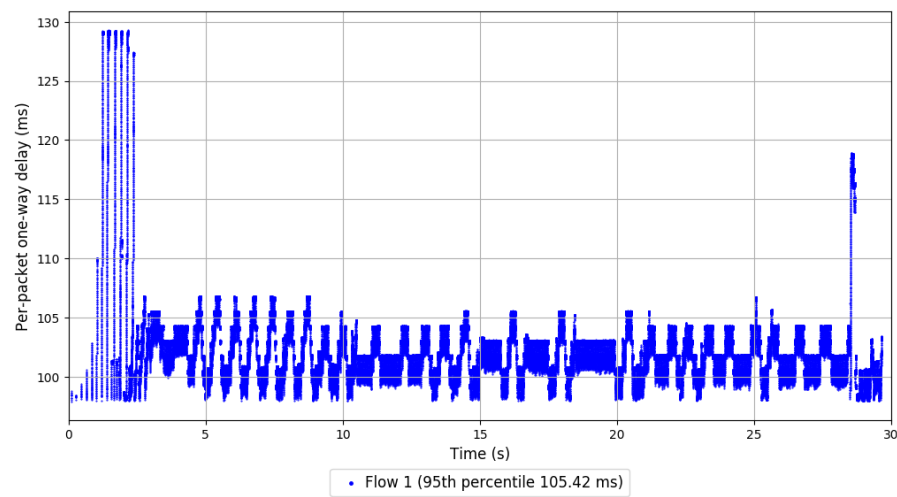
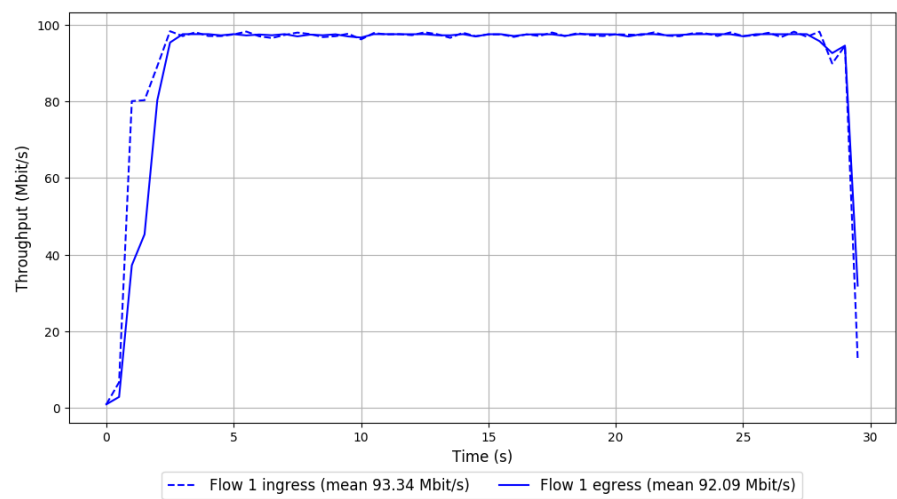


Run 5: Statistics of Indigo-2-256

Start at: 2018-01-25 10:26:15
End at: 2018-01-25 10:26:45
Local clock offset: -1.07 ms
Remote clock offset: -1.918 ms

Below is generated by plot.py at 2018-01-25 12:46:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.09 Mbit/s
95th percentile per-packet one-way delay: 105.418 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 92.09 Mbit/s
95th percentile per-packet one-way delay: 105.418 ms
Loss rate: 1.33%

Run 5: Report of Indigo-2-256 — Data Link

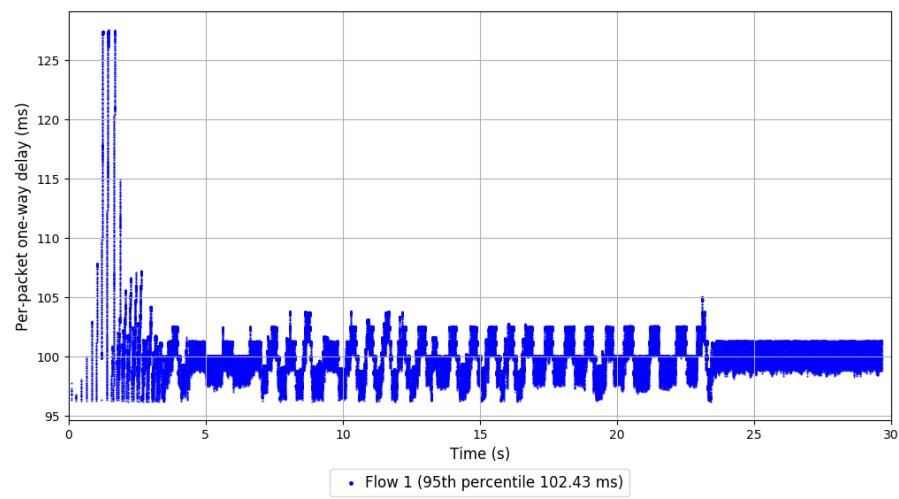
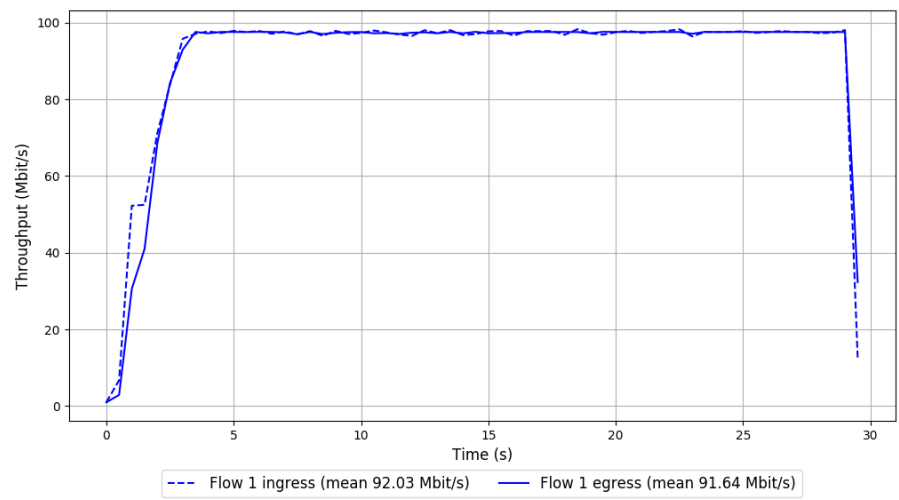


Run 6: Statistics of Indigo-2-256

Start at: 2018-01-25 10:45:54
End at: 2018-01-25 10:46:24
Local clock offset: -1.082 ms
Remote clock offset: -4.634 ms

Below is generated by plot.py at 2018-01-25 12:46:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 102.432 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 102.432 ms
Loss rate: 0.41%

Run 6: Report of Indigo-2-256 — Data Link

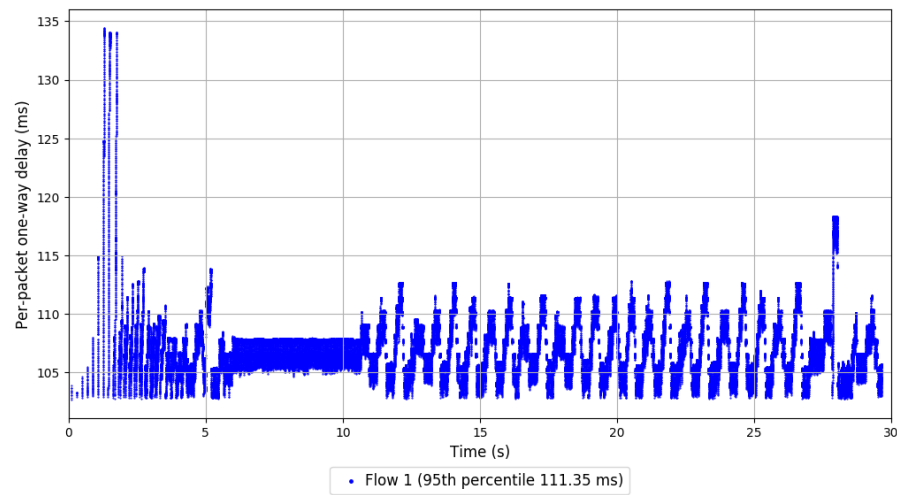
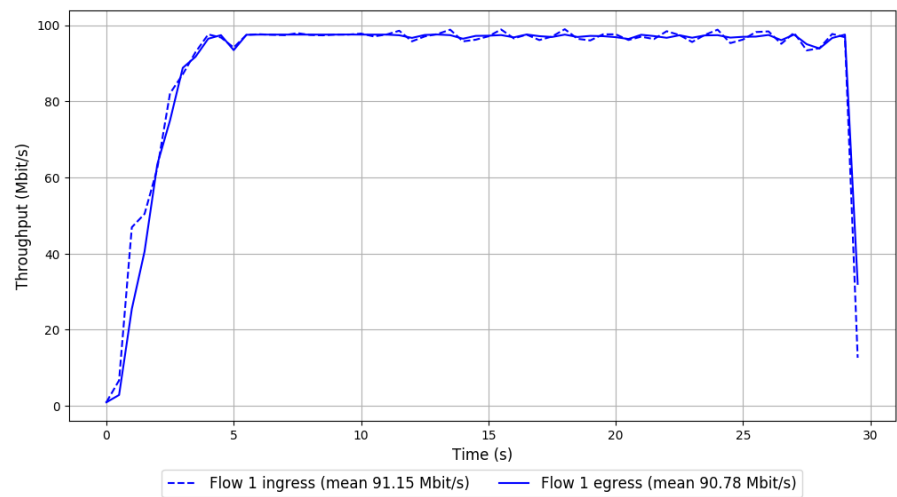


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-25 11:05:33
End at: 2018-01-25 11:06:03
Local clock offset: -1.032 ms
Remote clock offset: -4.217 ms

Below is generated by plot.py at 2018-01-25 12:46:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 111.352 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 111.352 ms
Loss rate: 0.41%

Run 7: Report of Indigo-2-256 — Data Link



Run 8: Statistics of Indigo-2-256

Start at: 2018-01-25 11:25:15

End at: 2018-01-25 11:25:45

Local clock offset: -1.197 ms

Remote clock offset: 1.368 ms

Below is generated by plot.py at 2018-01-25 12:47:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 115.400 ms

Loss rate: 3.01%

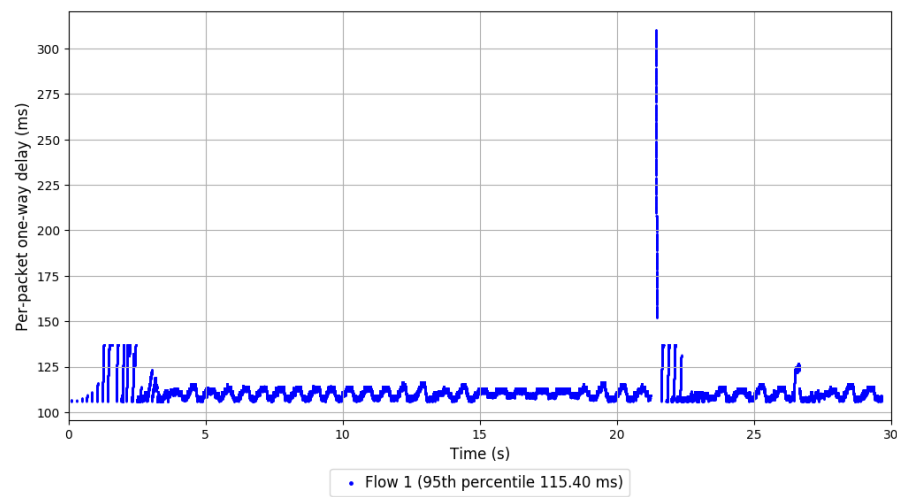
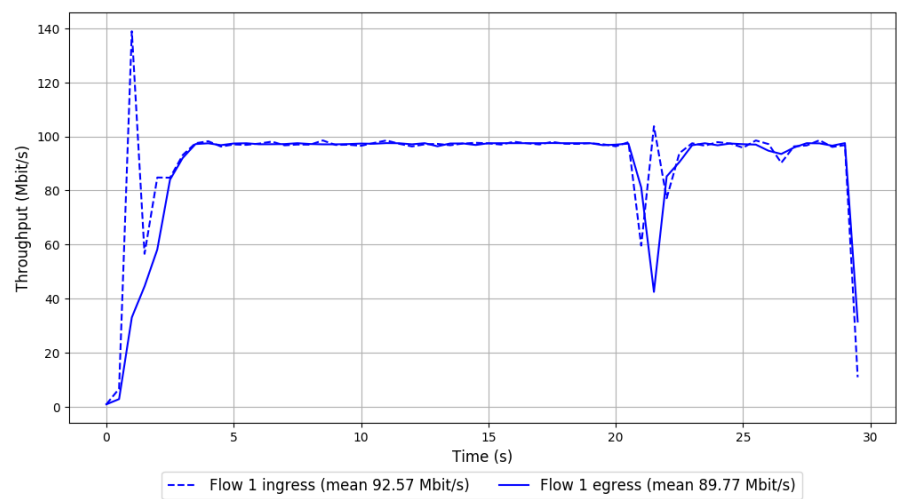
-- Flow 1:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 115.400 ms

Loss rate: 3.01%

Run 8: Report of Indigo-2-256 — Data Link

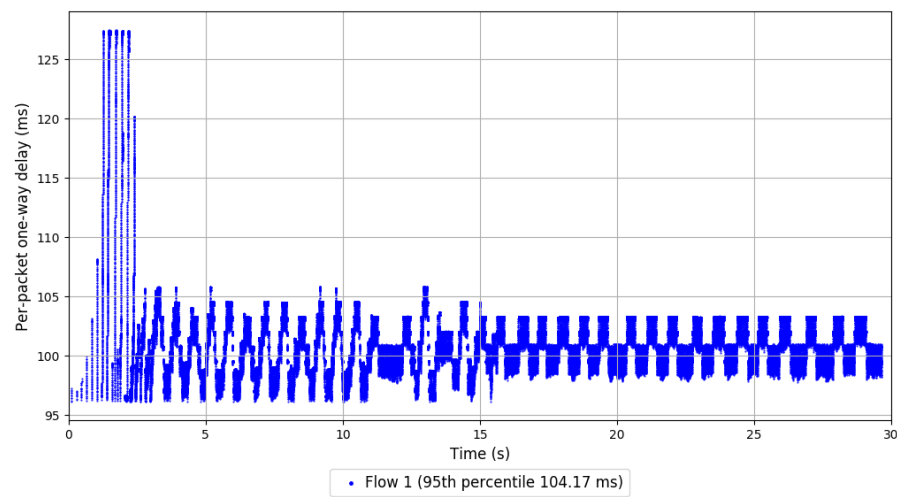
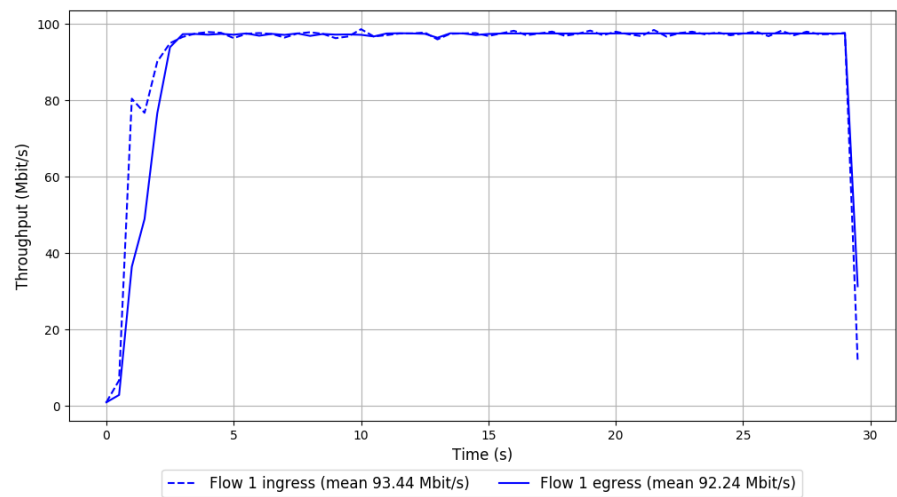


Run 9: Statistics of Indigo-2-256

Start at: 2018-01-25 11:45:01
End at: 2018-01-25 11:45:31
Local clock offset: -0.955 ms
Remote clock offset: -5.675 ms

Below is generated by plot.py at 2018-01-25 12:47:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 104.175 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 104.175 ms
Loss rate: 1.27%

Run 9: Report of Indigo-2-256 — Data Link

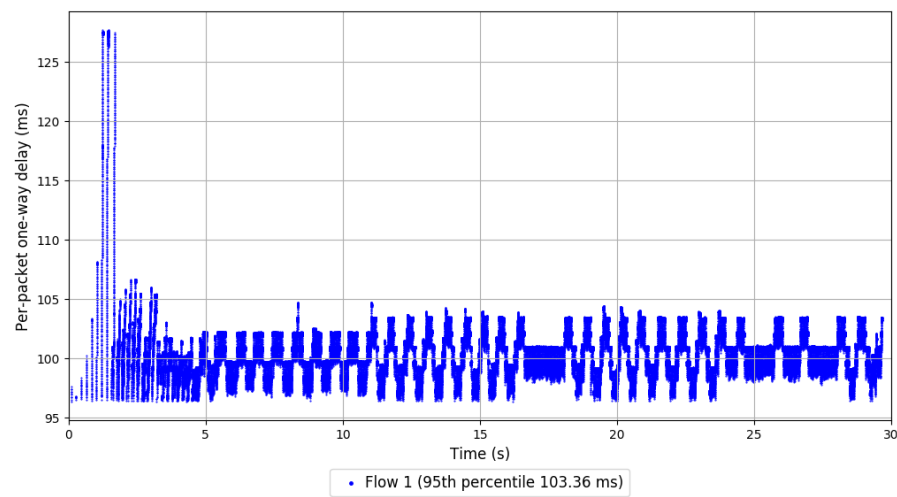
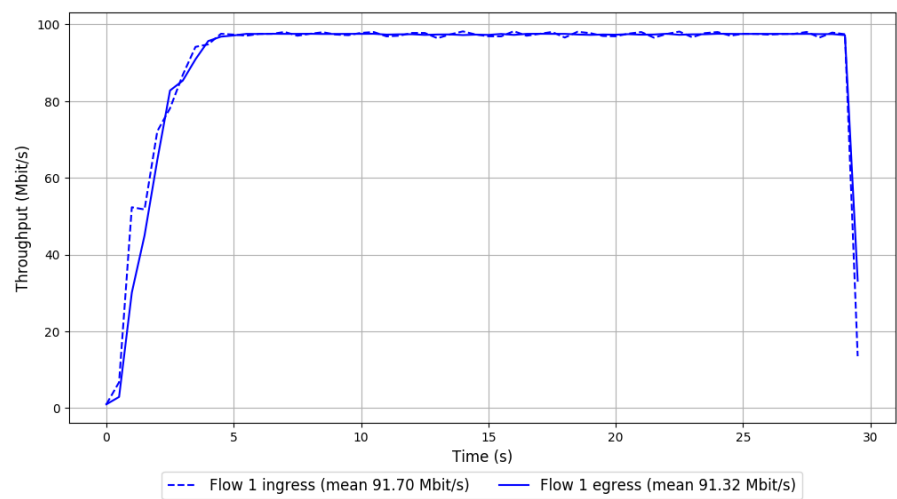


Run 10: Statistics of Indigo-2-256

Start at: 2018-01-25 12:04:35
End at: 2018-01-25 12:05:05
Local clock offset: -0.787 ms
Remote clock offset: -6.222 ms

Below is generated by plot.py at 2018-01-25 12:47:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 103.364 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 103.364 ms
Loss rate: 0.39%

Run 10: Report of Indigo-2-256 — Data Link

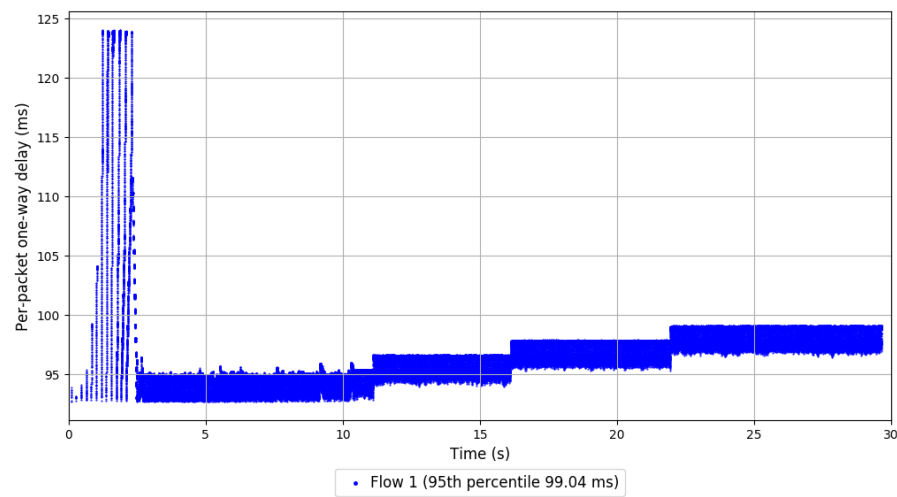
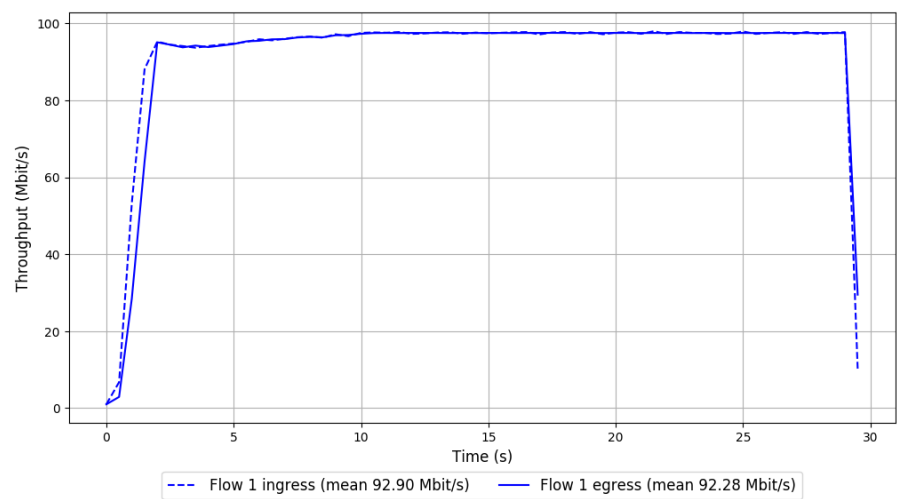


Run 1: Statistics of Indigo-1-32

Start at: 2018-01-25 09:08:48
End at: 2018-01-25 09:09:18
Local clock offset: -0.825 ms
Remote clock offset: -6.223 ms

Below is generated by plot.py at 2018-01-25 12:47:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 99.038 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 92.28 Mbit/s
95th percentile per-packet one-way delay: 99.038 ms
Loss rate: 0.64%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-01-25 09:28:34

End at: 2018-01-25 09:29:04

Local clock offset: -0.974 ms

Remote clock offset: -1.18 ms

Below is generated by plot.py at 2018-01-25 12:47:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.29 Mbit/s

95th percentile per-packet one-way delay: 107.142 ms

Loss rate: 0.75%

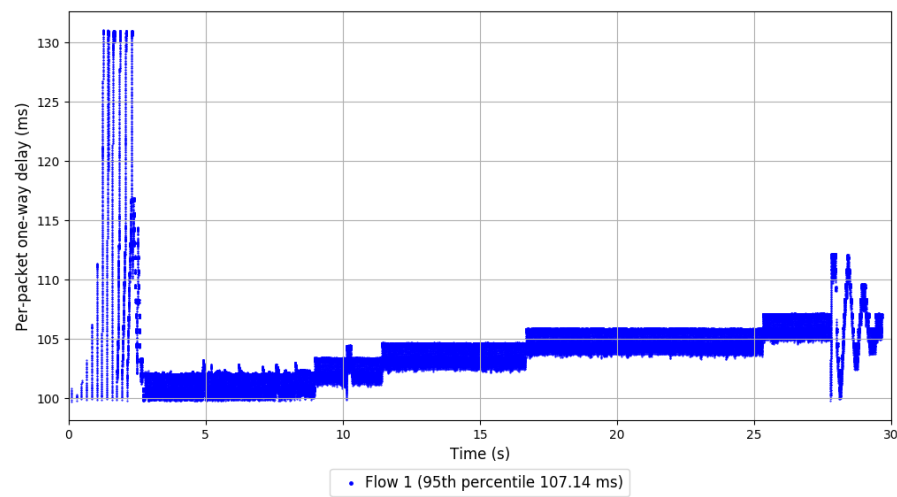
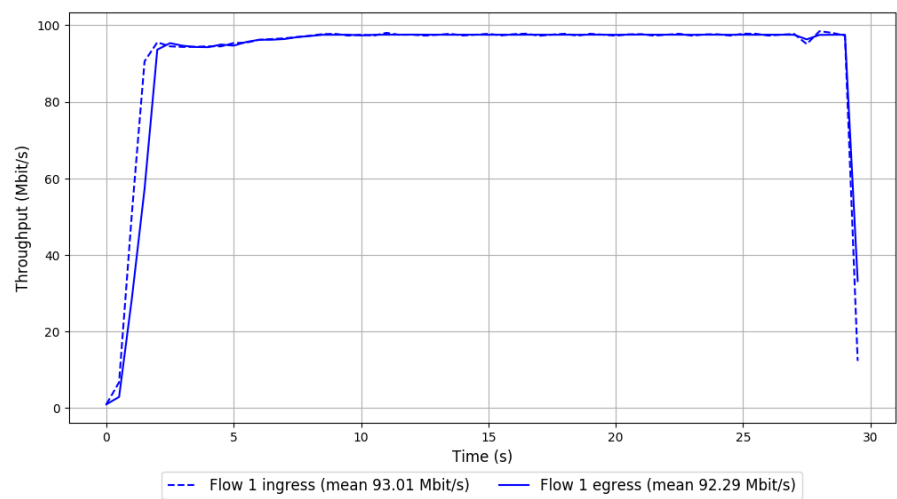
-- Flow 1:

Average throughput: 92.29 Mbit/s

95th percentile per-packet one-way delay: 107.142 ms

Loss rate: 0.75%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-01-25 09:48:12

End at: 2018-01-25 09:48:42

Local clock offset: -0.958 ms

Remote clock offset: -2.011 ms

Below is generated by plot.py at 2018-01-25 12:48:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.63 Mbit/s

95th percentile per-packet one-way delay: 108.915 ms

Loss rate: 0.60%

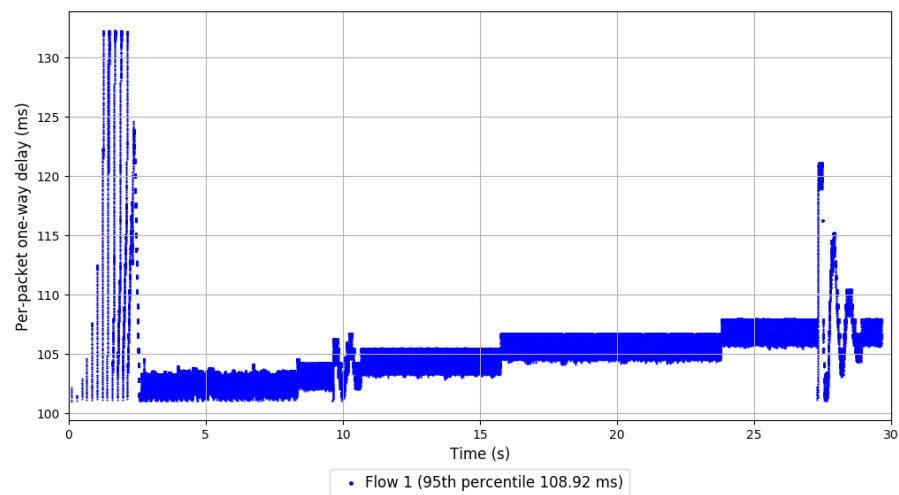
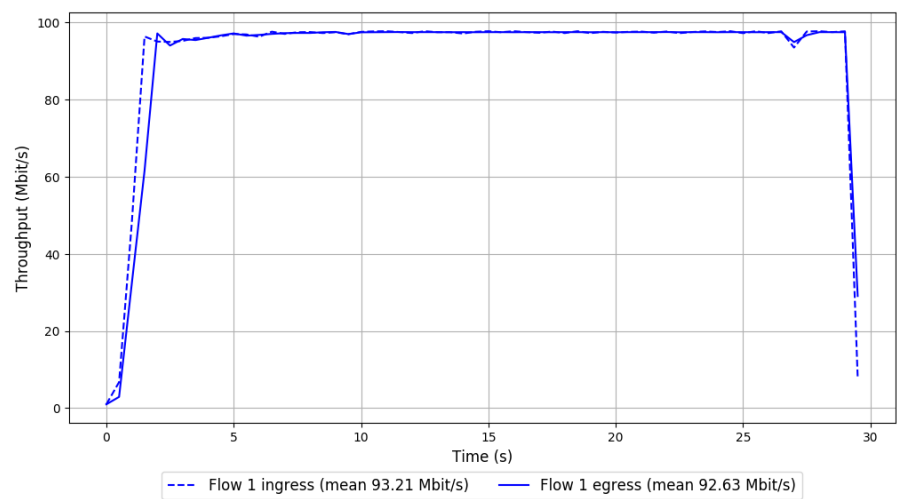
-- Flow 1:

Average throughput: 92.63 Mbit/s

95th percentile per-packet one-way delay: 108.915 ms

Loss rate: 0.60%

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

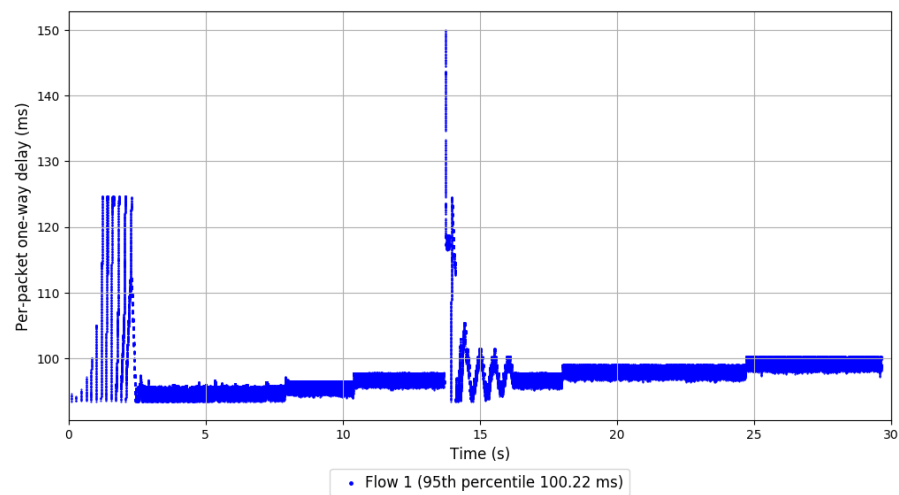
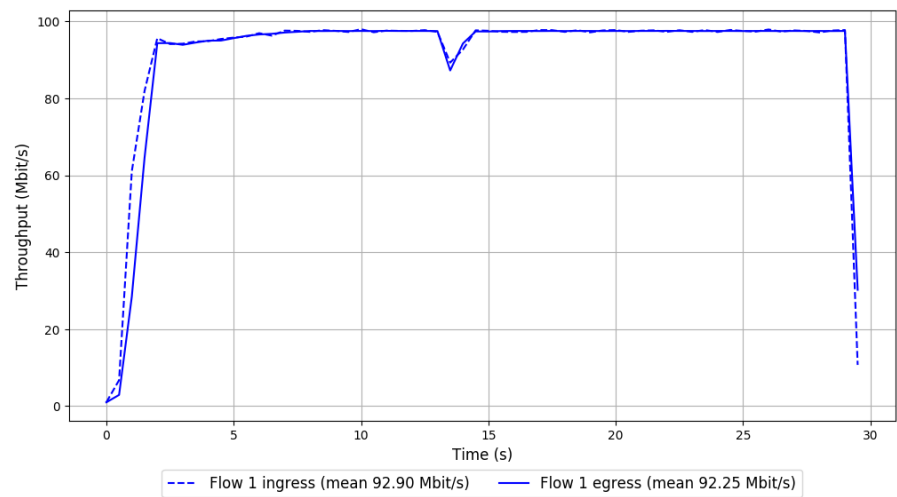


Run 4: Statistics of Indigo-1-32

Start at: 2018-01-25 10:07:56
End at: 2018-01-25 10:08:26
Local clock offset: -0.972 ms
Remote clock offset: -6.426 ms

Below is generated by plot.py at 2018-01-25 12:48:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 100.217 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: 100.217 ms
Loss rate: 0.69%

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

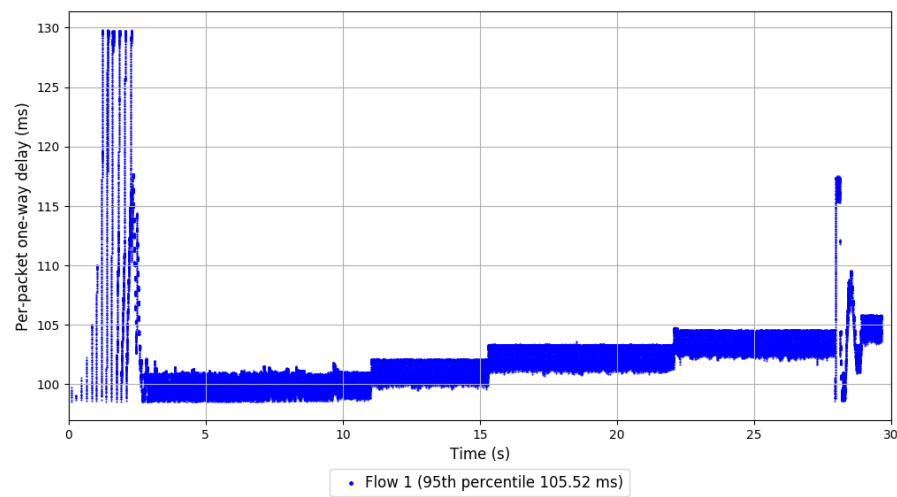
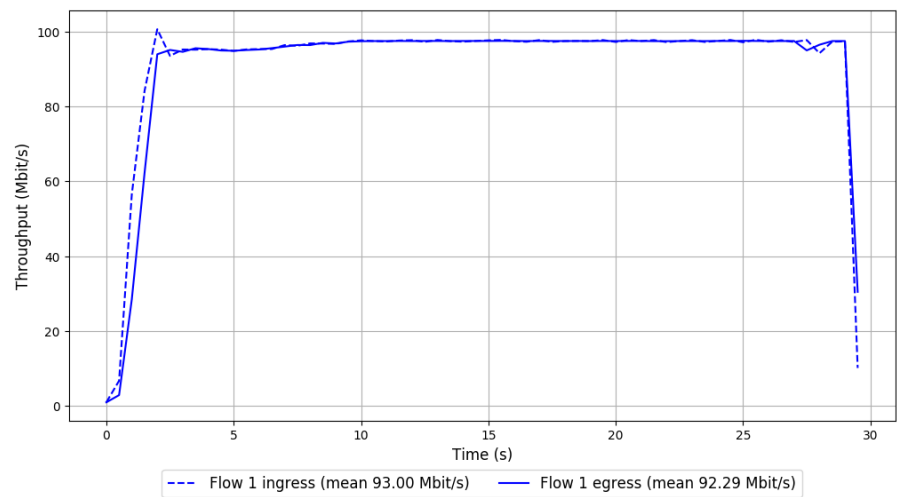


Run 5: Statistics of Indigo-1-32

Start at: 2018-01-25 10:27:32
End at: 2018-01-25 10:28:02
Local clock offset: -1.058 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2018-01-25 12:48:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 105.521 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 105.521 ms
Loss rate: 0.74%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-01-25 10:47:11

End at: 2018-01-25 10:47:41

Local clock offset: -1.018 ms

Remote clock offset: 2.082 ms

Below is generated by plot.py at 2018-01-25 12:48:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.32 Mbit/s

95th percentile per-packet one-way delay: 106.953 ms

Loss rate: 0.70%

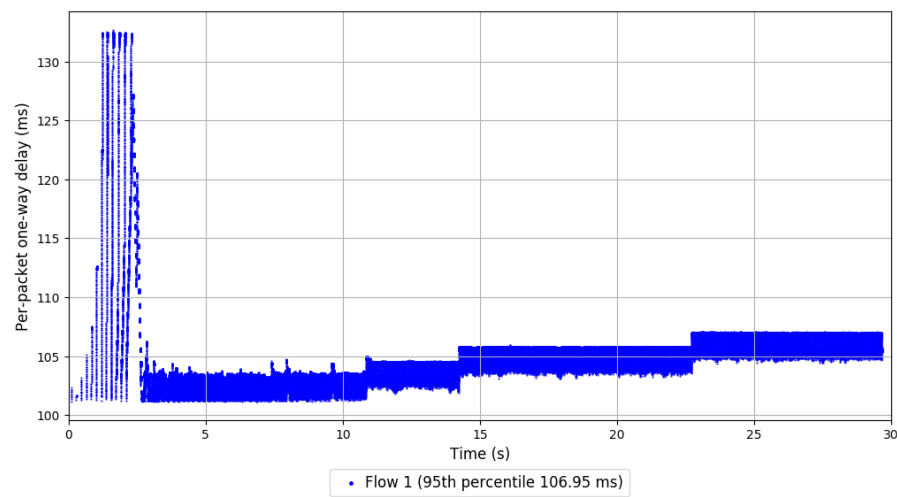
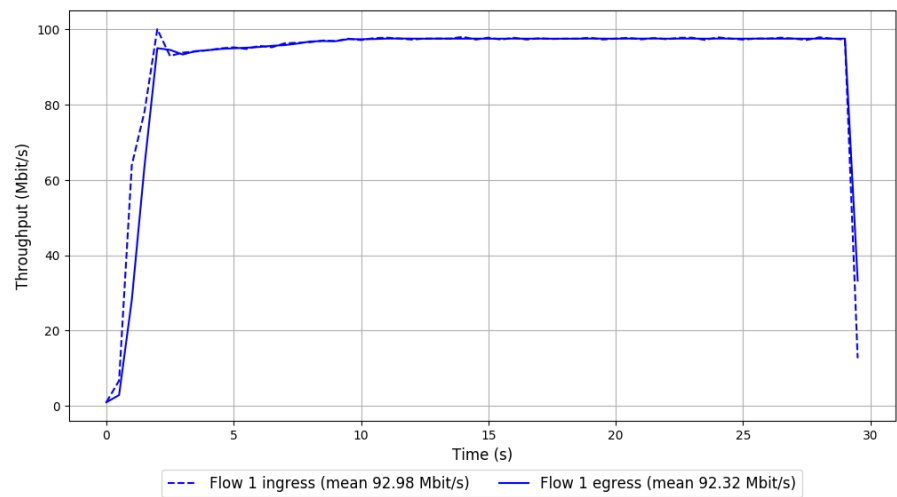
-- Flow 1:

Average throughput: 92.32 Mbit/s

95th percentile per-packet one-way delay: 106.953 ms

Loss rate: 0.70%

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

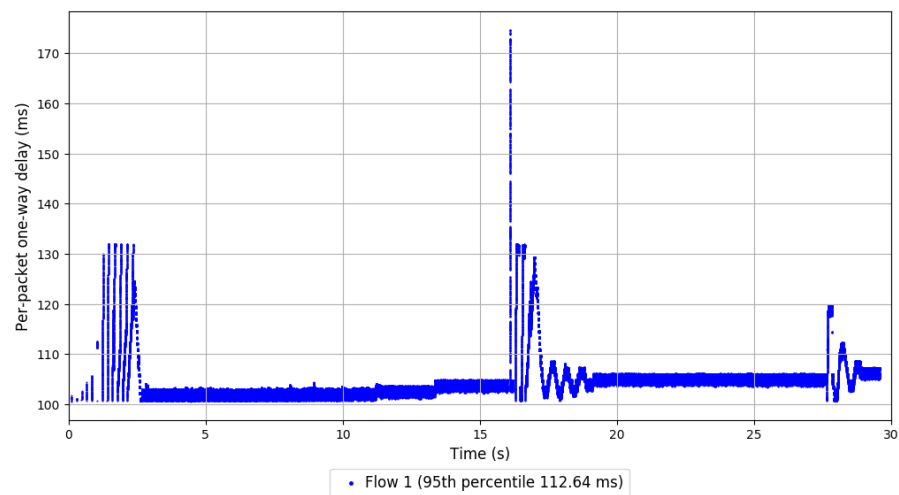
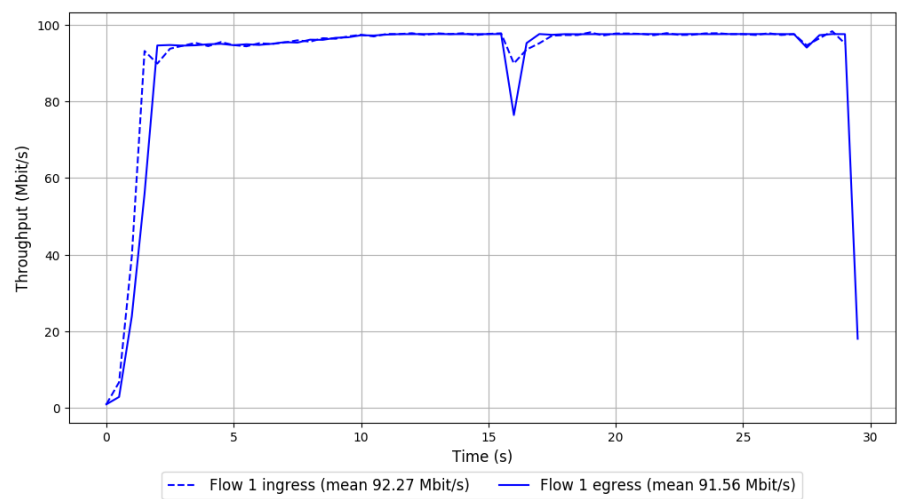


Run 7: Statistics of Indigo-1-32

Start at: 2018-01-25 11:06:50
End at: 2018-01-25 11:07:20
Local clock offset: -1.04 ms
Remote clock offset: -4.284 ms

Below is generated by plot.py at 2018-01-25 12:48:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 112.645 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 112.645 ms
Loss rate: 0.76%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-01-25 11:26:32

End at: 2018-01-25 11:27:02

Local clock offset: -1.203 ms

Remote clock offset: -4.417 ms

Below is generated by plot.py at 2018-01-25 12:49:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.40 Mbit/s

95th percentile per-packet one-way delay: 101.883 ms

Loss rate: 0.73%

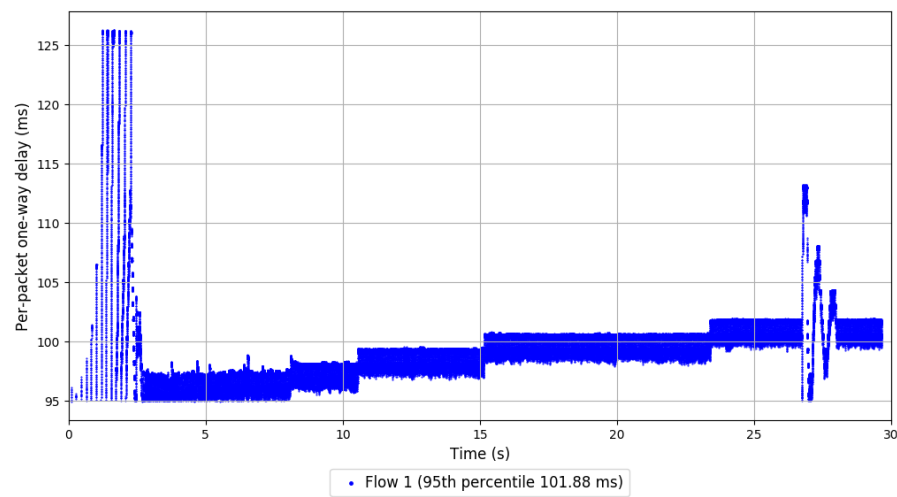
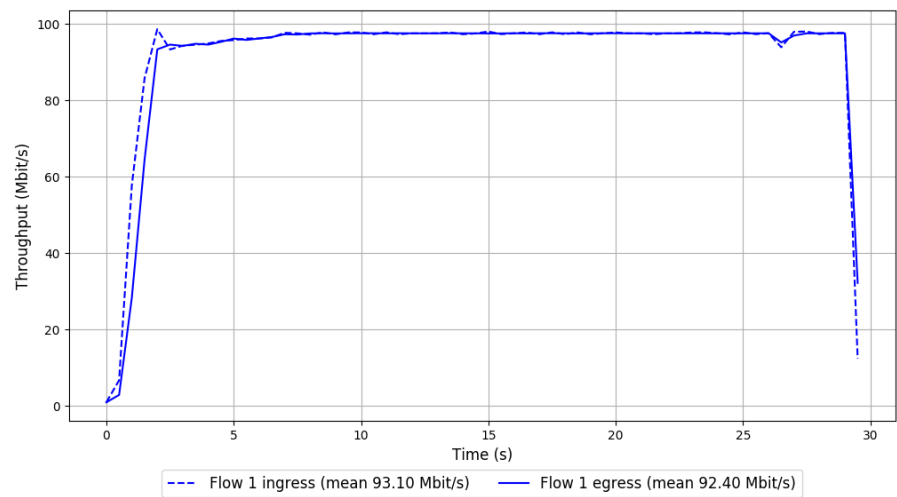
-- Flow 1:

Average throughput: 92.40 Mbit/s

95th percentile per-packet one-way delay: 101.883 ms

Loss rate: 0.73%

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

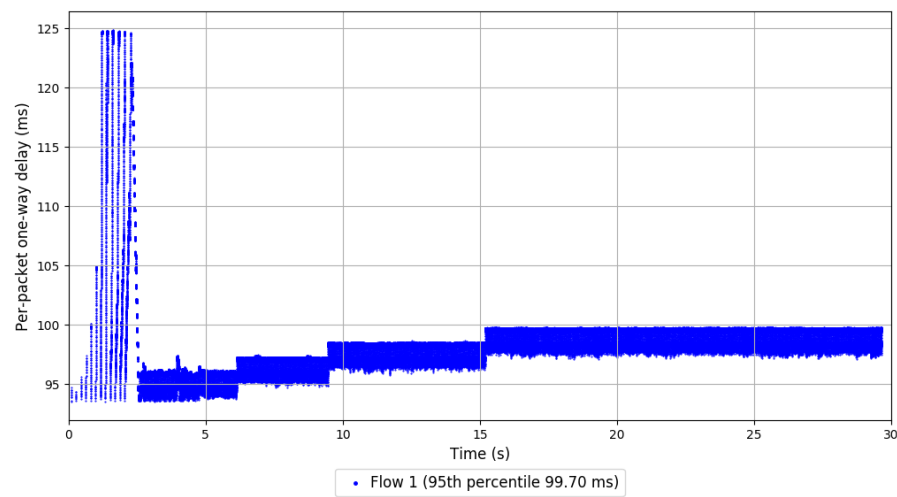
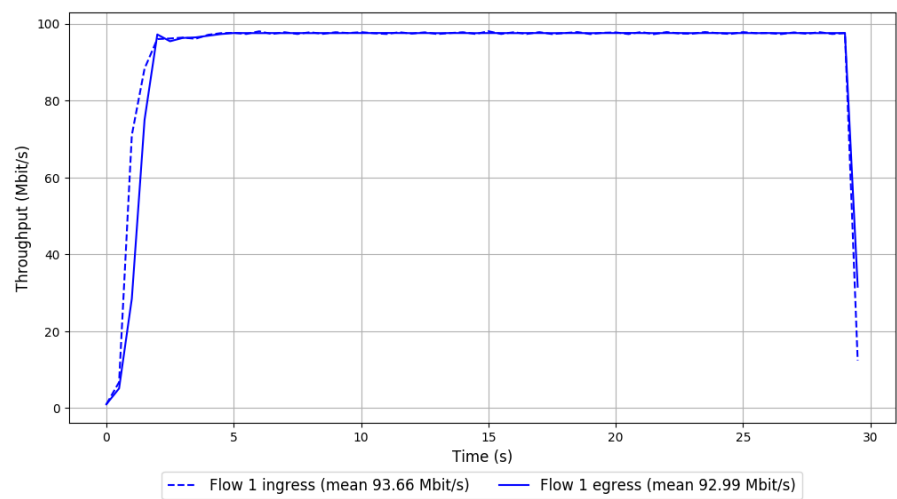


Run 9: Statistics of Indigo-1-32

Start at: 2018-01-25 11:46:17
End at: 2018-01-25 11:46:47
Local clock offset: -1.017 ms
Remote clock offset: -4.796 ms

Below is generated by plot.py at 2018-01-25 12:49:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.99 Mbit/s
95th percentile per-packet one-way delay: 99.705 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 92.99 Mbit/s
95th percentile per-packet one-way delay: 99.705 ms
Loss rate: 0.70%

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

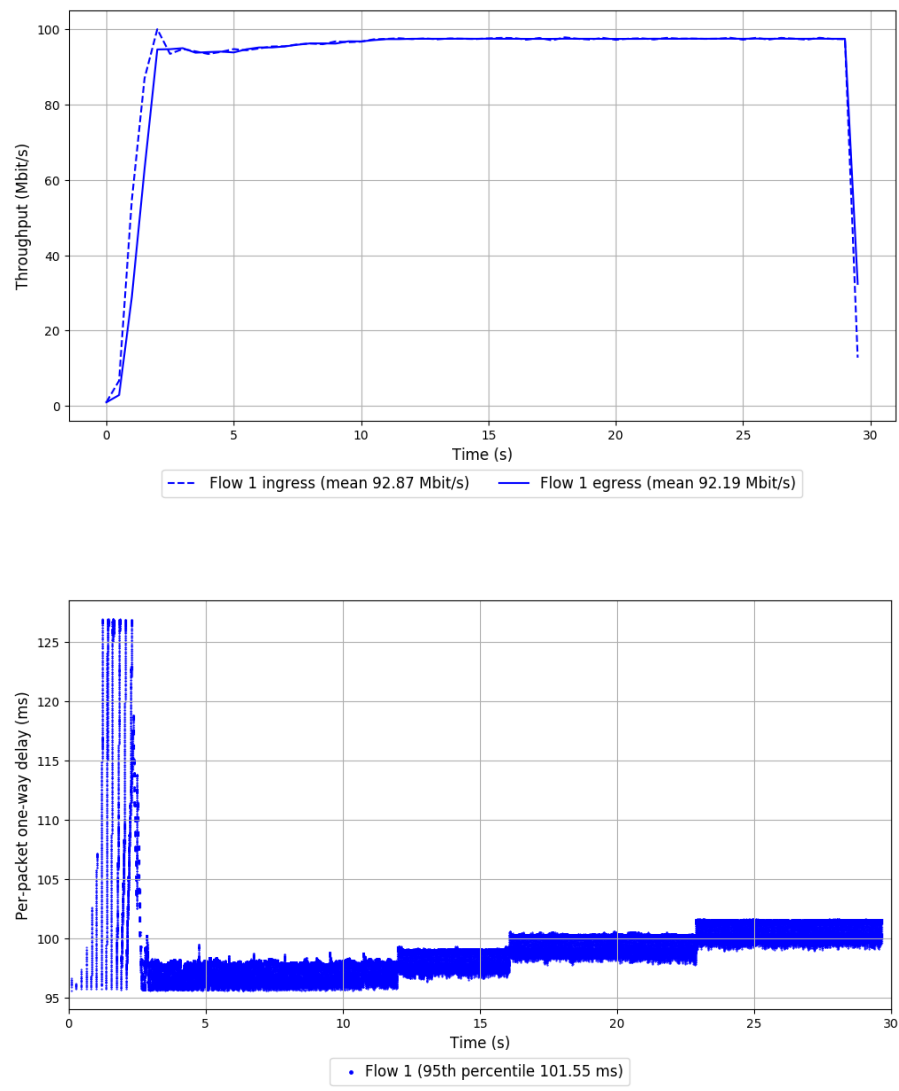


Run 10: Statistics of Indigo-1-32

Start at: 2018-01-25 12:05:51
End at: 2018-01-25 12:06:21
Local clock offset: -0.772 ms
Remote clock offset: -7.054 ms

Below is generated by plot.py at 2018-01-25 12:49:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 101.547 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 92.19 Mbit/s
95th percentile per-packet one-way delay: 101.547 ms
Loss rate: 0.72%

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

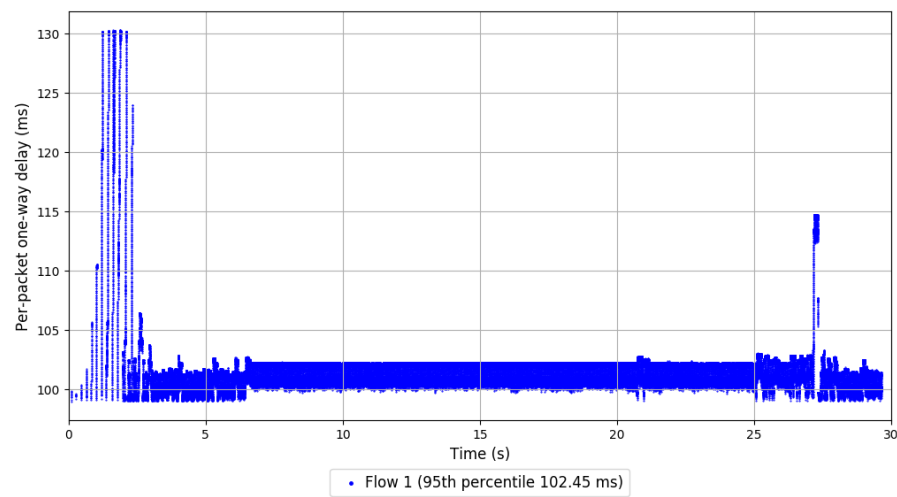
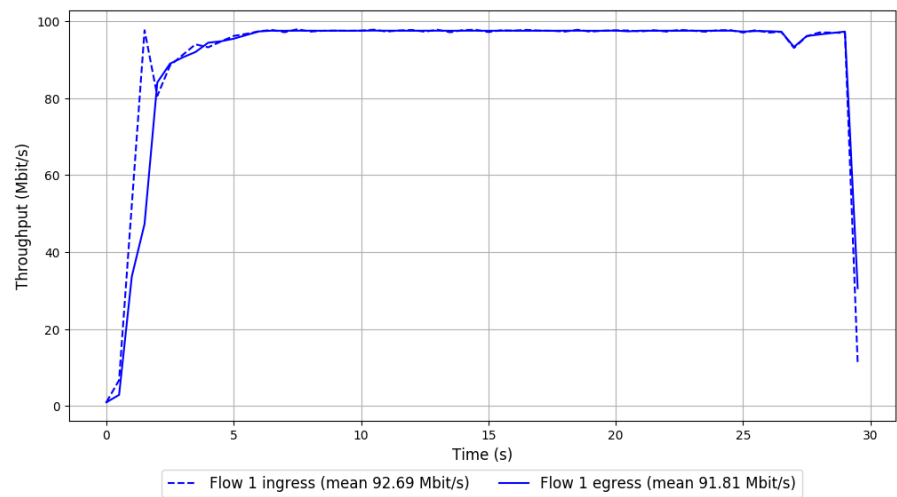


Run 1: Statistics of Indigo-1-128

Start at: 2018-01-25 09:15:00
End at: 2018-01-25 09:15:31
Local clock offset: -0.873 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-01-25 12:49:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 102.447 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 102.447 ms
Loss rate: 0.94%

Run 1: Report of Indigo-1-128 — Data Link

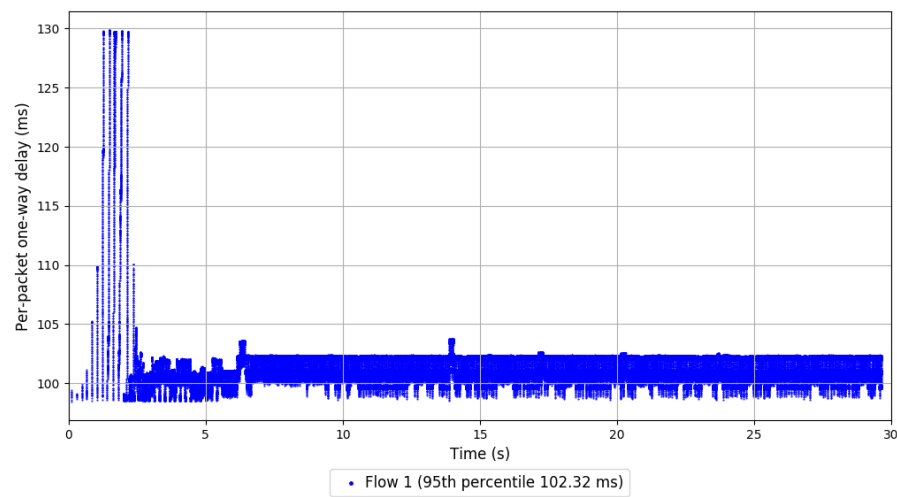
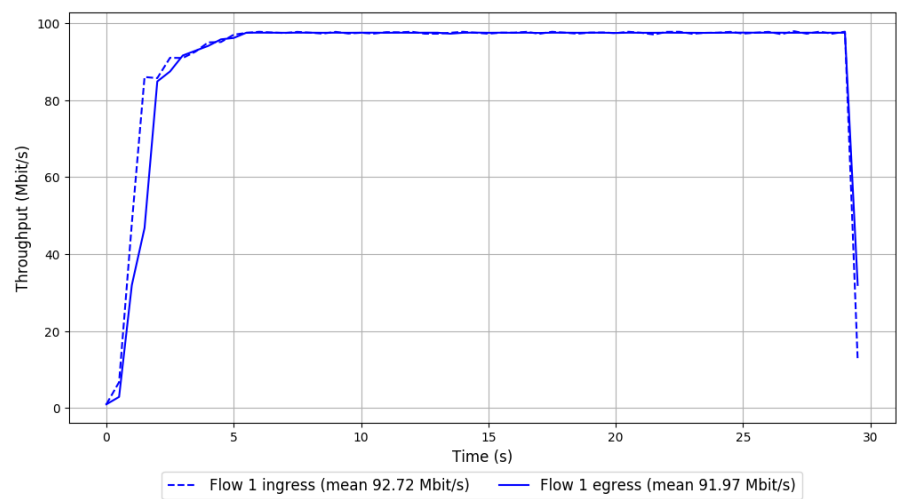


Run 2: Statistics of Indigo-1-128

Start at: 2018-01-25 09:34:45
End at: 2018-01-25 09:35:15
Local clock offset: -0.95 ms
Remote clock offset: -6.606 ms

Below is generated by plot.py at 2018-01-25 12:49:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 102.318 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 102.318 ms
Loss rate: 0.81%

Run 2: Report of Indigo-1-128 — Data Link



Run 3: Statistics of Indigo-1-128

Start at: 2018-01-25 09:54:25

End at: 2018-01-25 09:54:55

Local clock offset: -1.01 ms

Remote clock offset: -6.86 ms

Below is generated by plot.py at 2018-01-25 12:49:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.97 Mbit/s

95th percentile per-packet one-way delay: 96.741 ms

Loss rate: 0.51%

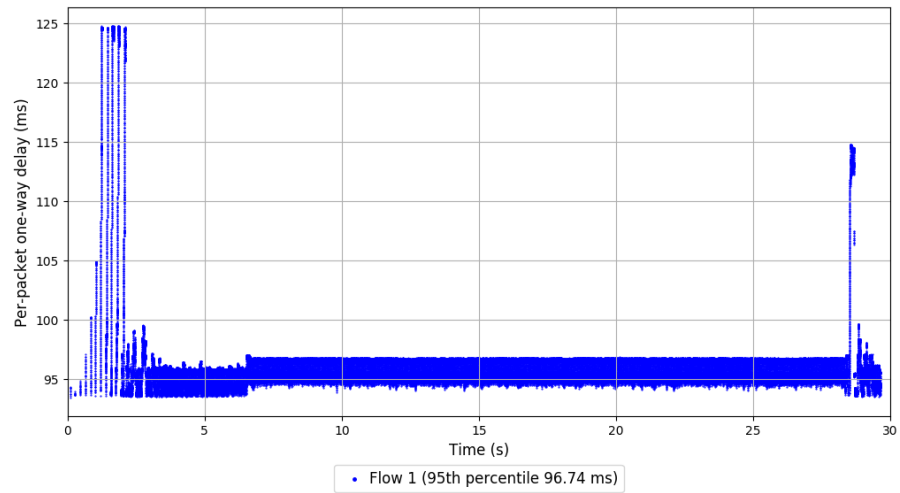
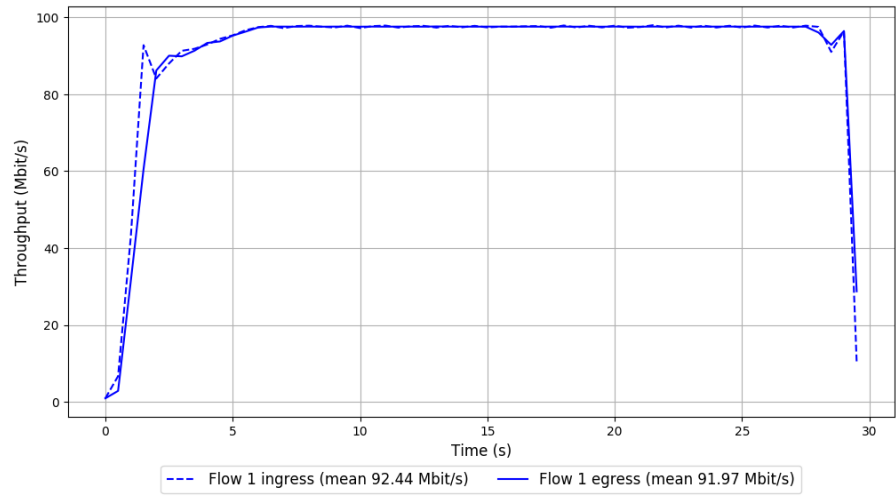
-- Flow 1:

Average throughput: 91.97 Mbit/s

95th percentile per-packet one-way delay: 96.741 ms

Loss rate: 0.51%

Run 3: Report of Indigo-1-128 — Data Link

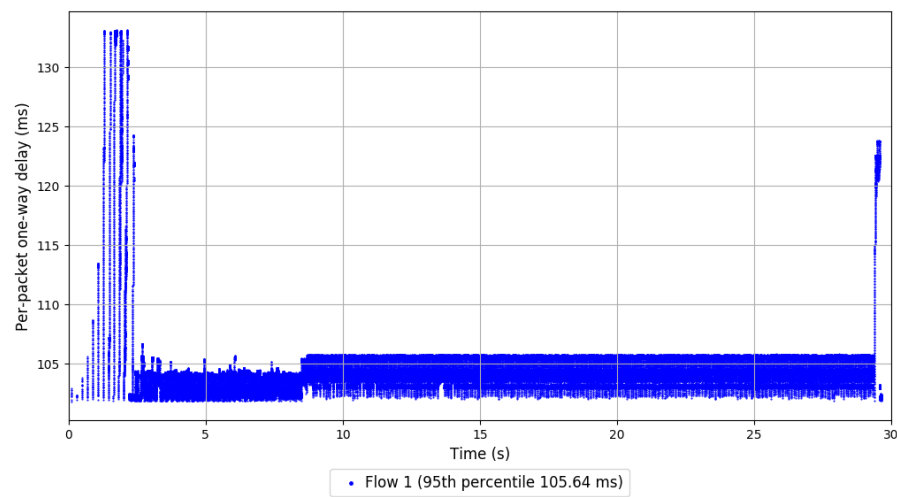
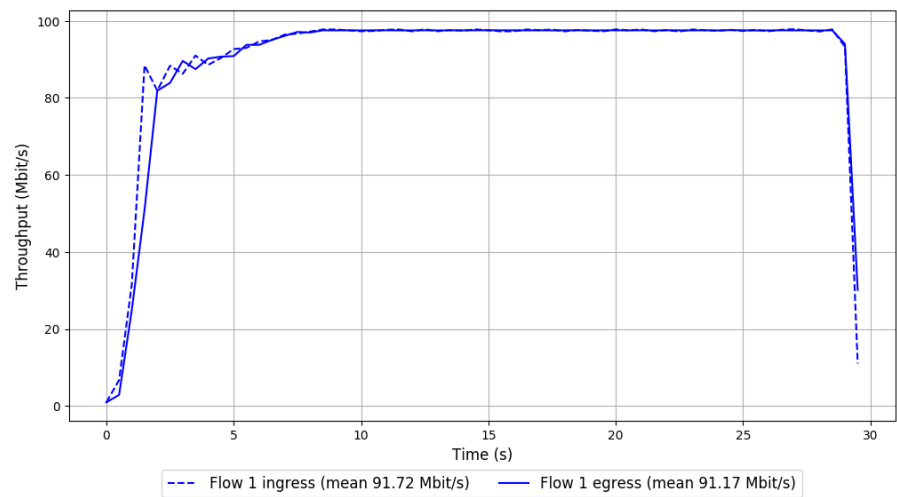


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-25 10:14:06
End at: 2018-01-25 10:14:36
Local clock offset: -1.037 ms
Remote clock offset: -6.464 ms

Below is generated by plot.py at 2018-01-25 12:49:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 105.641 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 91.17 Mbit/s
95th percentile per-packet one-way delay: 105.641 ms
Loss rate: 0.61%

Run 4: Report of Indigo-1-128 — Data Link

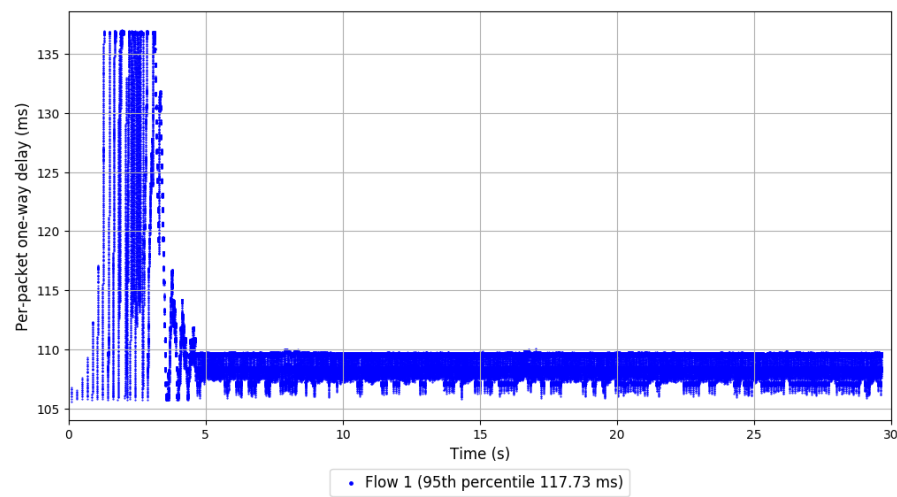
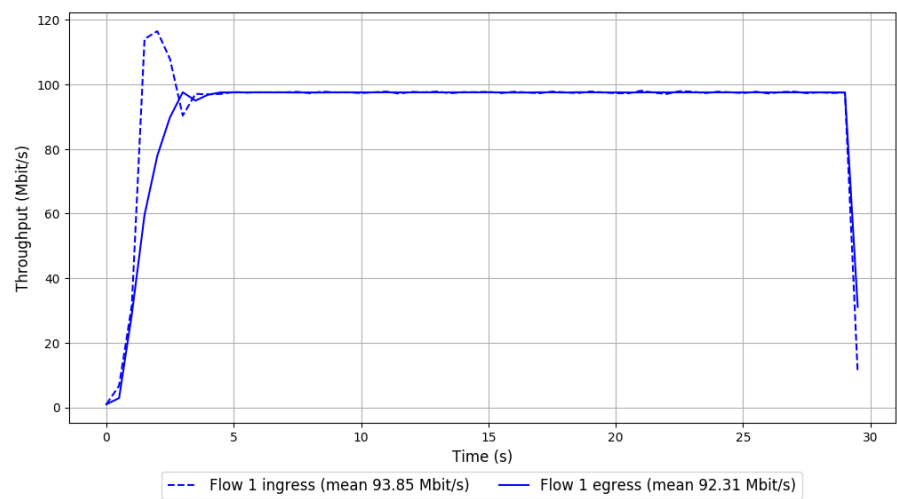


Run 5: Statistics of Indigo-1-128

Start at: 2018-01-25 10:33:44
End at: 2018-01-25 10:34:14
Local clock offset: -1.017 ms
Remote clock offset: -0.684 ms

Below is generated by plot.py at 2018-01-25 12:50:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 117.729 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 117.729 ms
Loss rate: 1.65%

Run 5: Report of Indigo-1-128 — Data Link

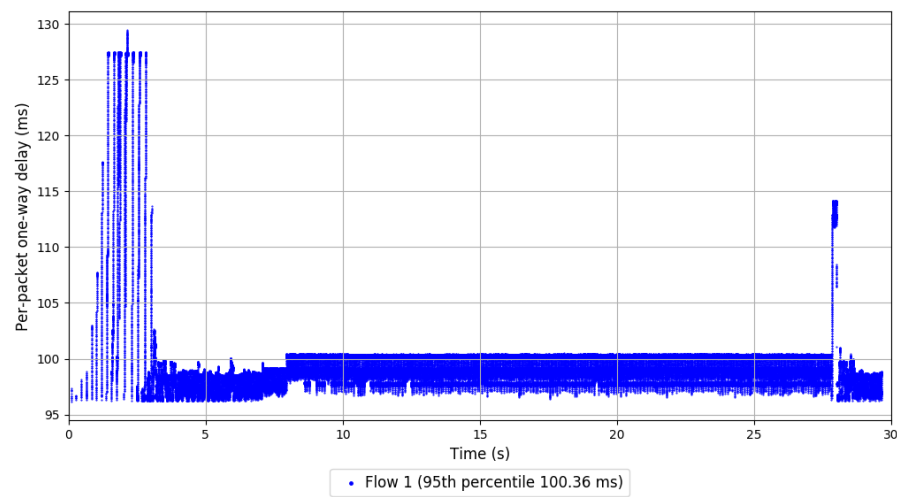
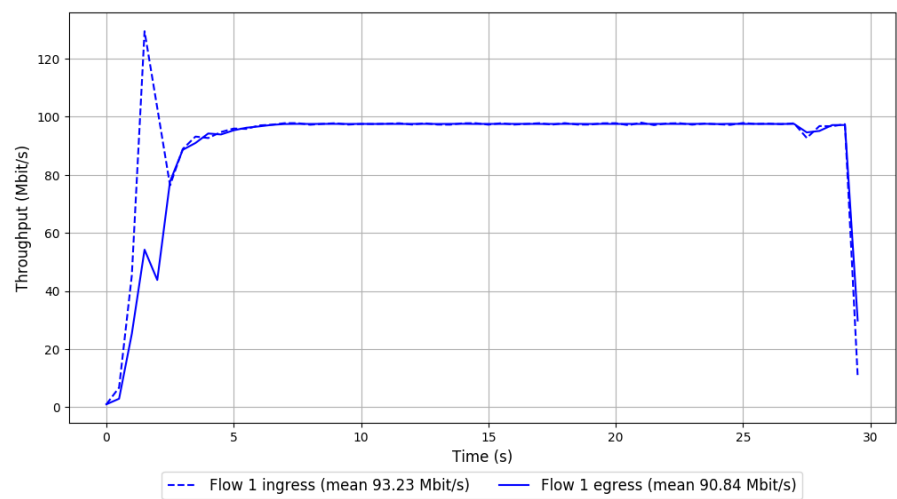


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-25 10:53:23
End at: 2018-01-25 10:53:53
Local clock offset: -1.019 ms
Remote clock offset: -4.458 ms

Below is generated by plot.py at 2018-01-25 12:50:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 100.364 ms
Loss rate: 2.55%
-- Flow 1:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 100.364 ms
Loss rate: 2.55%

Run 6: Report of Indigo-1-128 — Data Link



Run 7: Statistics of Indigo-1-128

Start at: 2018-01-25 11:13:00

End at: 2018-01-25 11:13:30

Local clock offset: -1.066 ms

Remote clock offset: 0.505 ms

Below is generated by plot.py at 2018-01-25 12:50:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.70 Mbit/s

95th percentile per-packet one-way delay: 113.157 ms

Loss rate: 0.84%

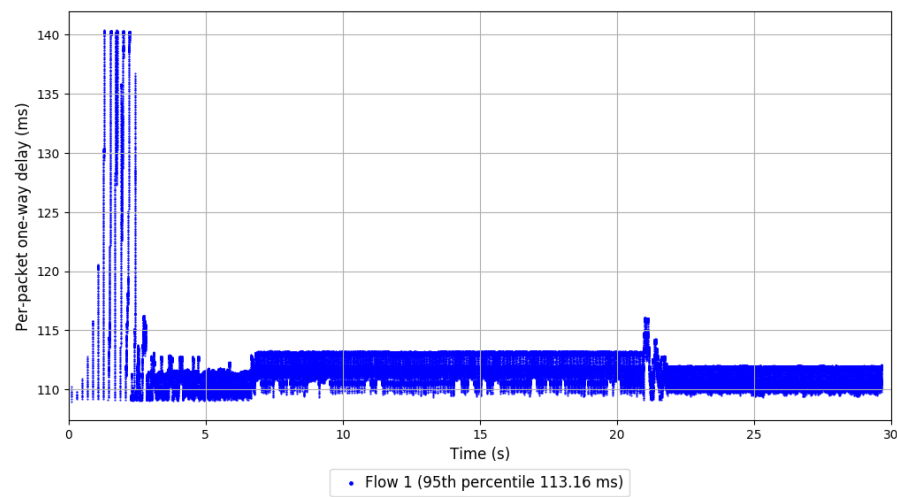
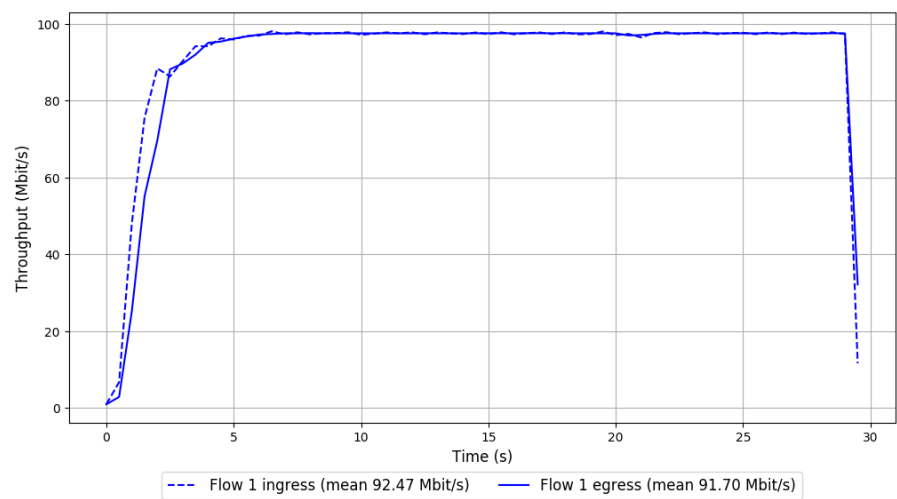
-- Flow 1:

Average throughput: 91.70 Mbit/s

95th percentile per-packet one-way delay: 113.157 ms

Loss rate: 0.84%

Run 7: Report of Indigo-1-128 — Data Link



Run 8: Statistics of Indigo-1-128

Start at: 2018-01-25 11:32:44

End at: 2018-01-25 11:33:14

Local clock offset: -1.084 ms

Remote clock offset: 1.156 ms

Below is generated by plot.py at 2018-01-25 12:50:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.84 Mbit/s

95th percentile per-packet one-way delay: 107.907 ms

Loss rate: 0.69%

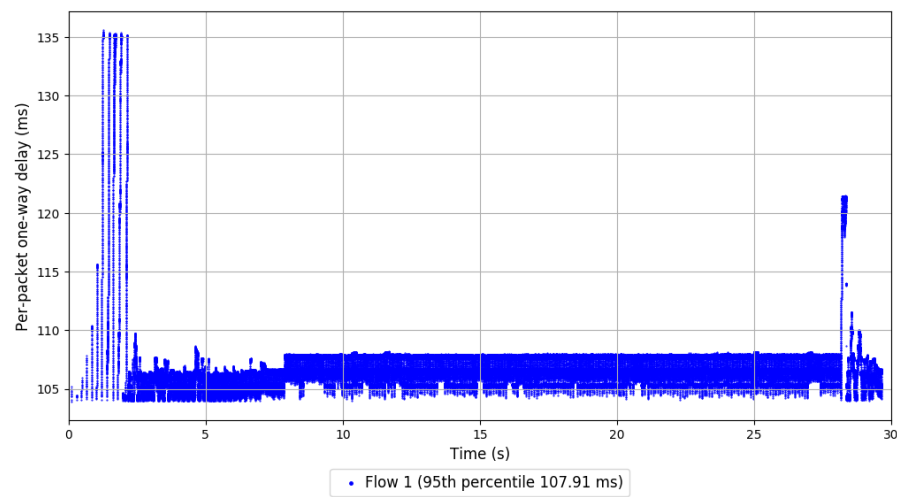
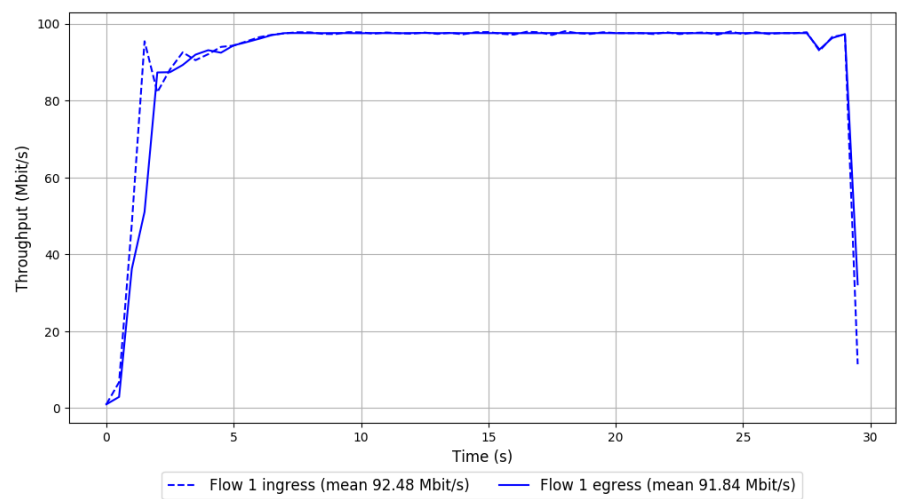
-- Flow 1:

Average throughput: 91.84 Mbit/s

95th percentile per-packet one-way delay: 107.907 ms

Loss rate: 0.69%

Run 8: Report of Indigo-1-128 — Data Link



Run 9: Statistics of Indigo-1-128

Start at: 2018-01-25 11:52:27

End at: 2018-01-25 11:52:57

Local clock offset: -0.933 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2018-01-25 12:50:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.45 Mbit/s

95th percentile per-packet one-way delay: 111.102 ms

Loss rate: 0.92%

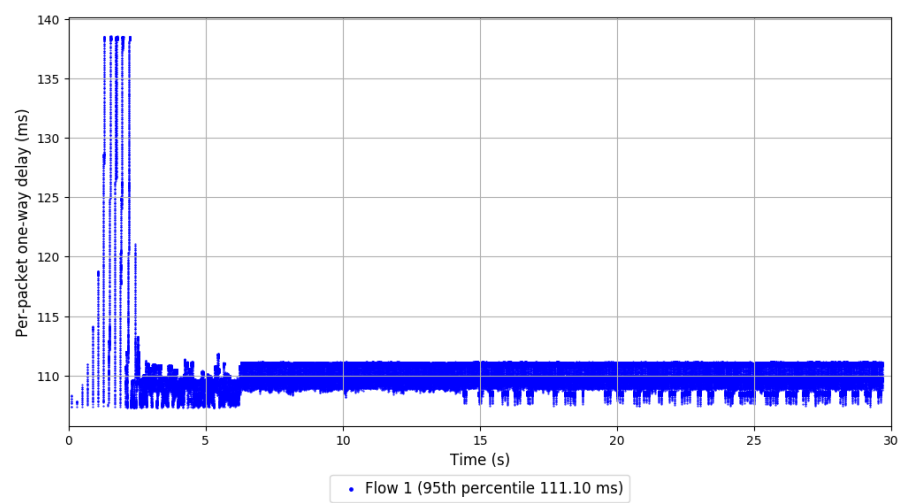
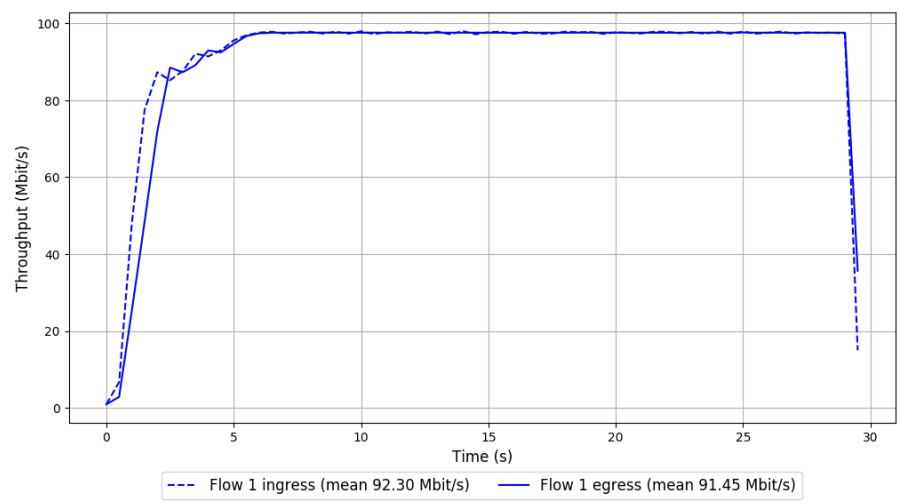
-- Flow 1:

Average throughput: 91.45 Mbit/s

95th percentile per-packet one-way delay: 111.102 ms

Loss rate: 0.92%

Run 9: Report of Indigo-1-128 — Data Link



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-25 12:12:01
End at: 2018-01-25 12:12:31
Local clock offset: -0.83 ms
Remote clock offset: -1.341 ms

Below is generated by plot.py at 2018-01-25 12:50:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 117.445 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 117.445 ms
Loss rate: 3.48%

Run 10: Report of Indigo-1-128 — Data Link

