

## Pantheon Report

Generated at 2018-01-25 13:32:47 (UTC).

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

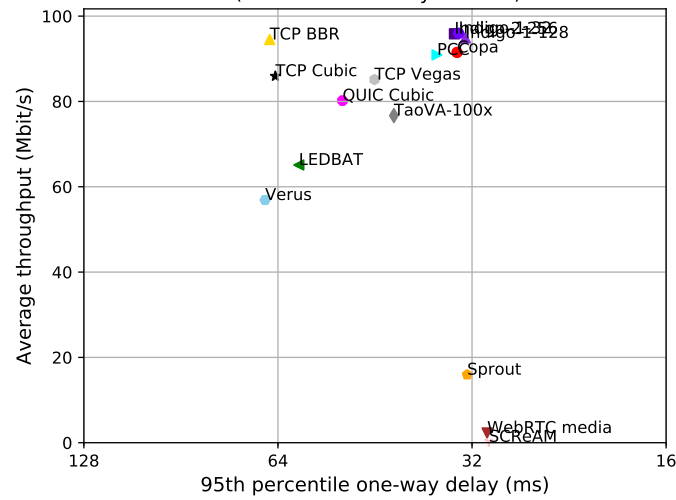
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

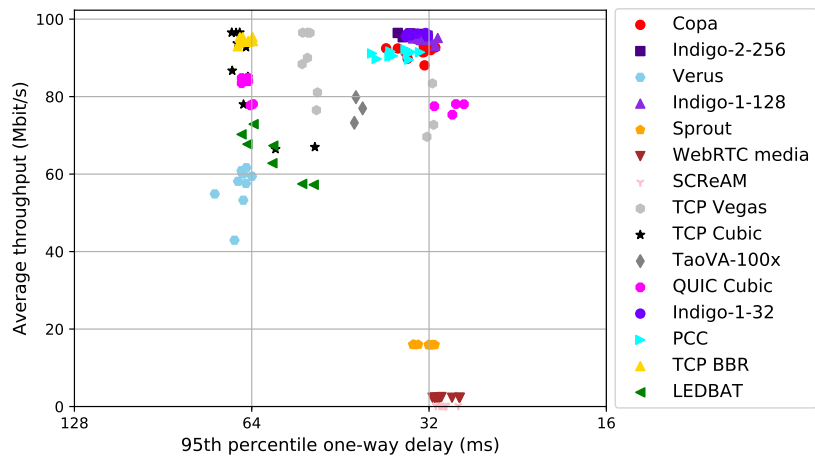
Git summary:

```
branch: master @ 636f858be90392c1dac0ee13c40fd1646f45f9e2
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixp @ 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 California 2 Ethernet to Mexico Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.53	65.92	22.86
TCP Cubic	10	85.93	64.59	0.46
LEDBAT	7	65.10	59.41	0.04
PCC	10	90.91	36.26	0.60
QUIC Cubic	10	80.19	50.82	0.57
SCReAM	10	0.22	30.14	0.00
WebRTC media	10	2.29	30.32	0.01
Sprout	10	15.95	32.56	0.01
TaoVA-100x	3	76.69	42.30	0.02
TCP Vegas	10	85.12	45.34	0.14
Verus	10	56.89	67.01	41.06
Copa	10	91.49	33.76	0.01
Indigo-2-256	10	95.86	34.07	0.10
Indigo-1-32	10	95.97	33.57	0.03
Indigo-1-128	10	94.89	32.77	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-01-25 09:16:42

End at: 2018-01-25 09:17:12

Local clock offset: 1.821 ms

Remote clock offset: -0.123 ms

# Below is generated by plot.py at 2018-01-25 13:13:07

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 66.865 ms

Loss rate: 22.92%

-- Flow 1:

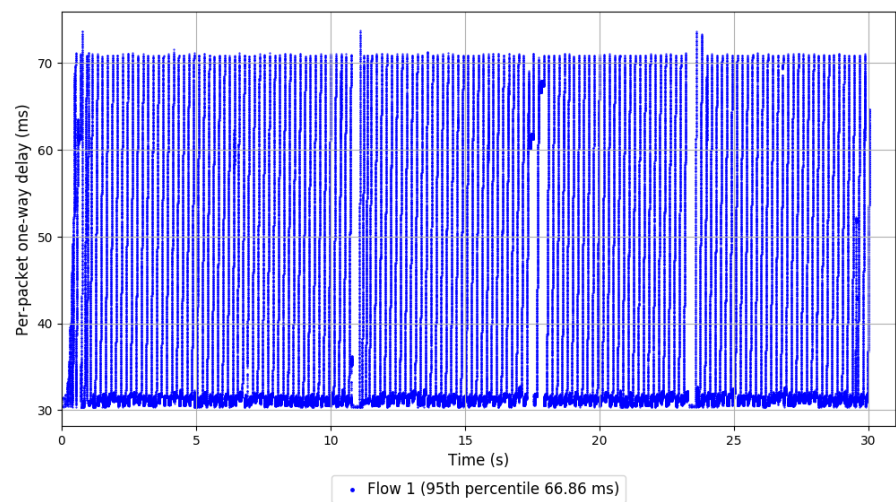
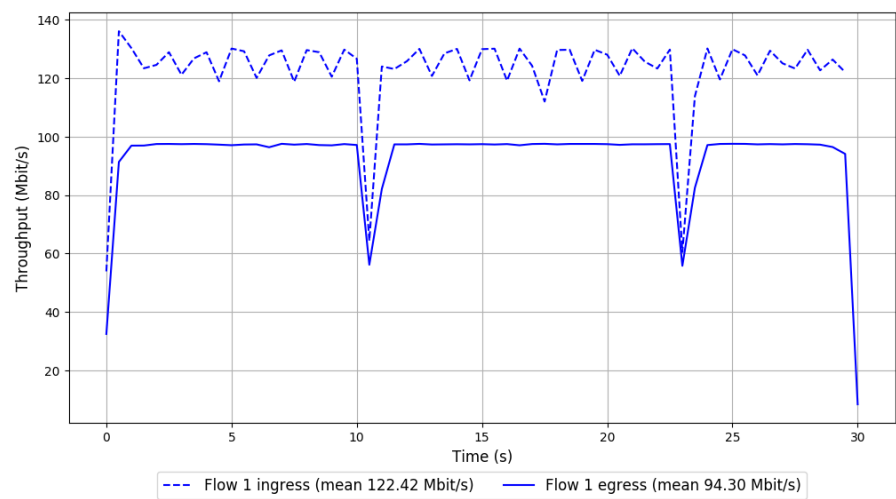
Average throughput: 94.30 Mbit/s

95th percentile per-packet one-way delay: 66.865 ms

Loss rate: 22.92%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-25 09:38:00

End at: 2018-01-25 09:38:30

Local clock offset: 1.744 ms

Remote clock offset: 0.253 ms

# Below is generated by plot.py at 2018-01-25 13:13:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.25 Mbit/s

95th percentile per-packet one-way delay: 67.090 ms

Loss rate: 22.37%

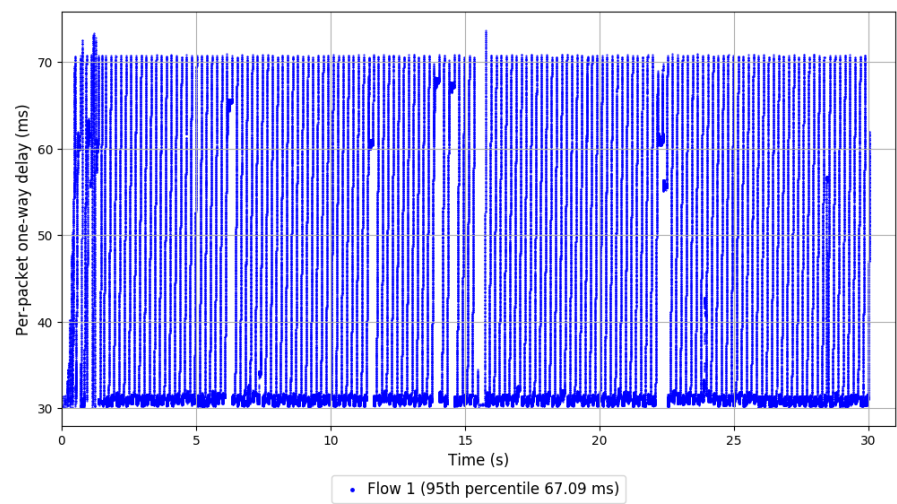
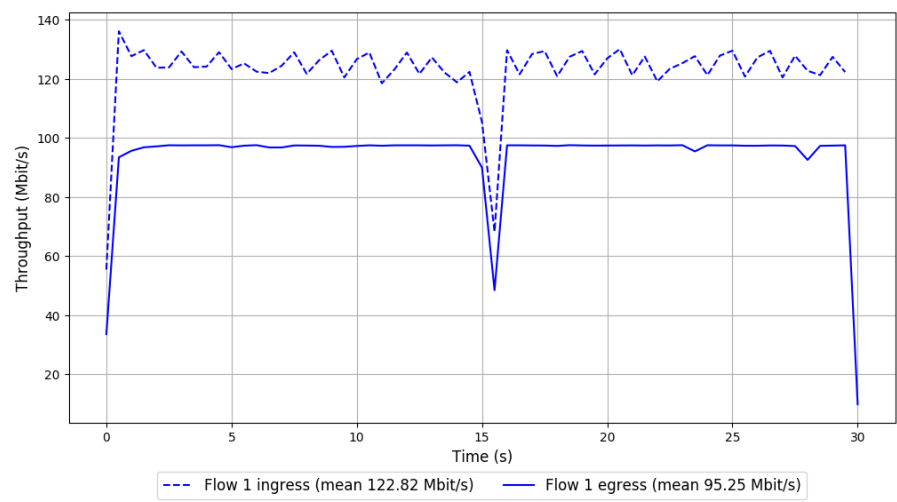
-- Flow 1:

Average throughput: 95.25 Mbit/s

95th percentile per-packet one-way delay: 67.090 ms

Loss rate: 22.37%

Run 2: Report of TCP BBR — Data Link

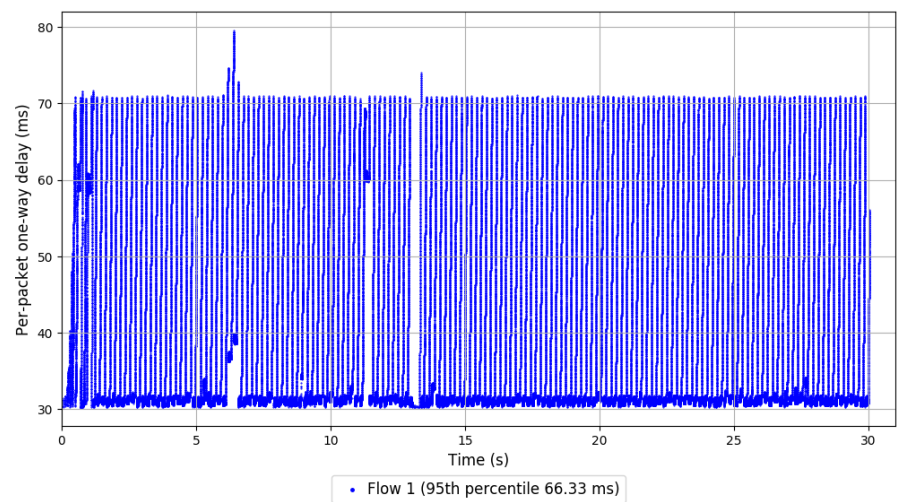
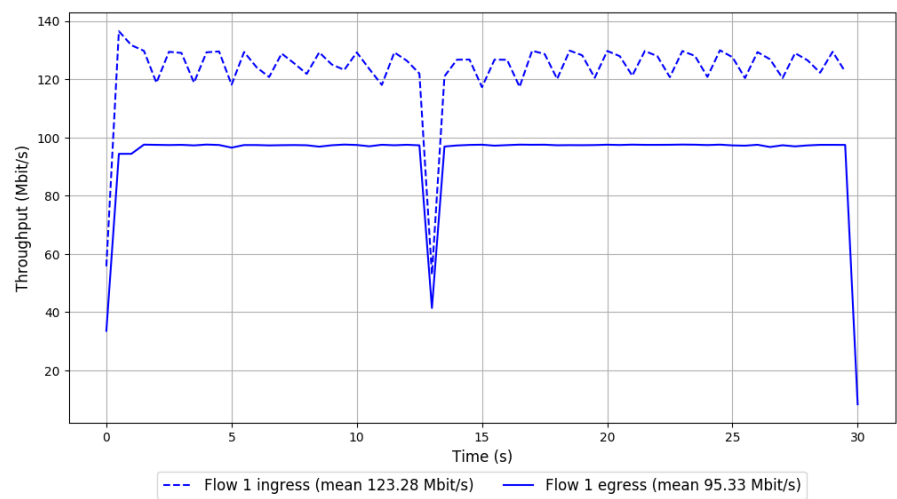


Run 3: Statistics of TCP BBR

Start at: 2018-01-25 09:59:18  
End at: 2018-01-25 09:59:48  
Local clock offset: 1.616 ms  
Remote clock offset: -0.814 ms

# Below is generated by plot.py at 2018-01-25 13:13:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.33 Mbit/s  
95th percentile per-packet one-way delay: 66.334 ms  
Loss rate: 22.62%  
-- Flow 1:  
Average throughput: 95.33 Mbit/s  
95th percentile per-packet one-way delay: 66.334 ms  
Loss rate: 22.62%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-01-25 10:20:43

End at: 2018-01-25 10:21:13

Local clock offset: 1.496 ms

Remote clock offset: -1.847 ms

# Below is generated by plot.py at 2018-01-25 13:13:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 67.583 ms

Loss rate: 23.24%

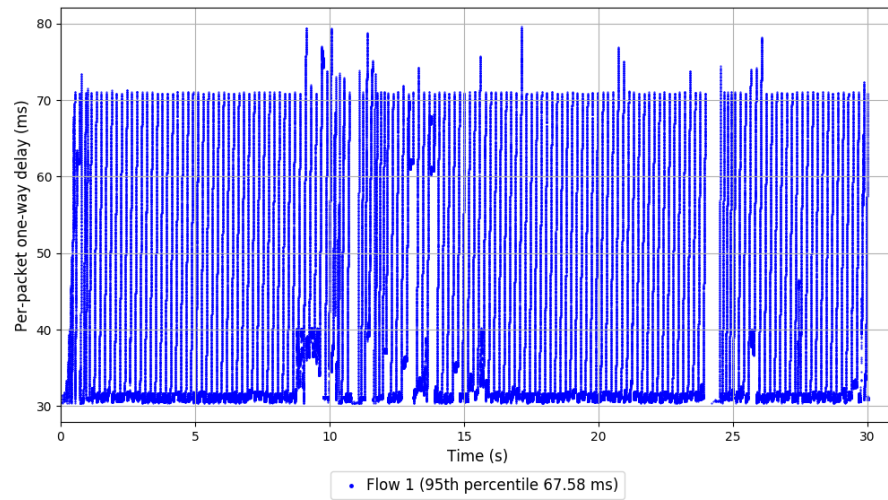
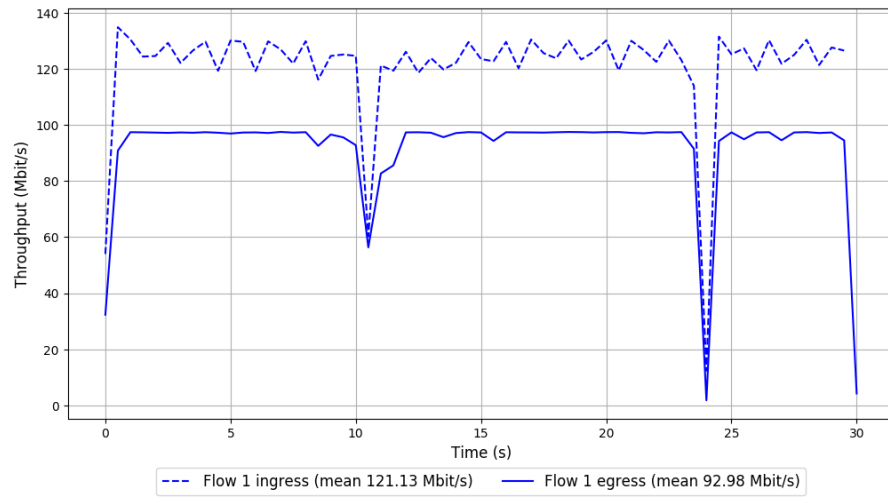
-- Flow 1:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 67.583 ms

Loss rate: 23.24%

#### Run 4: Report of TCP BBR — Data Link



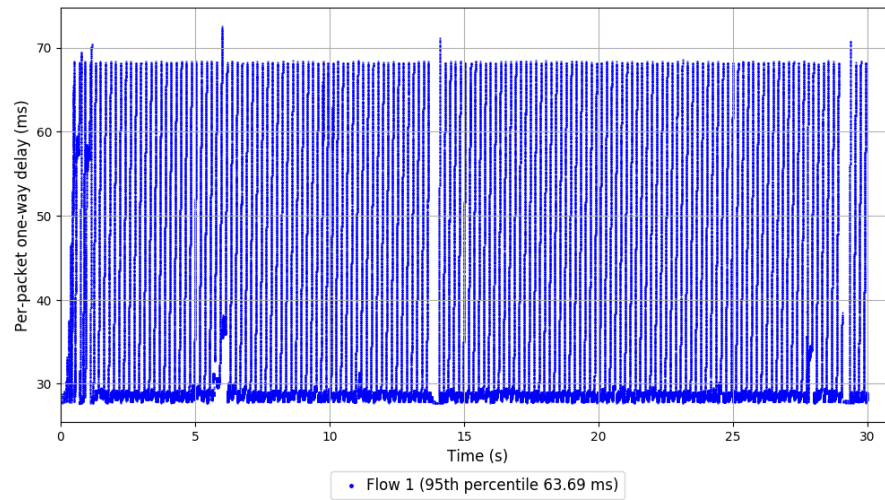
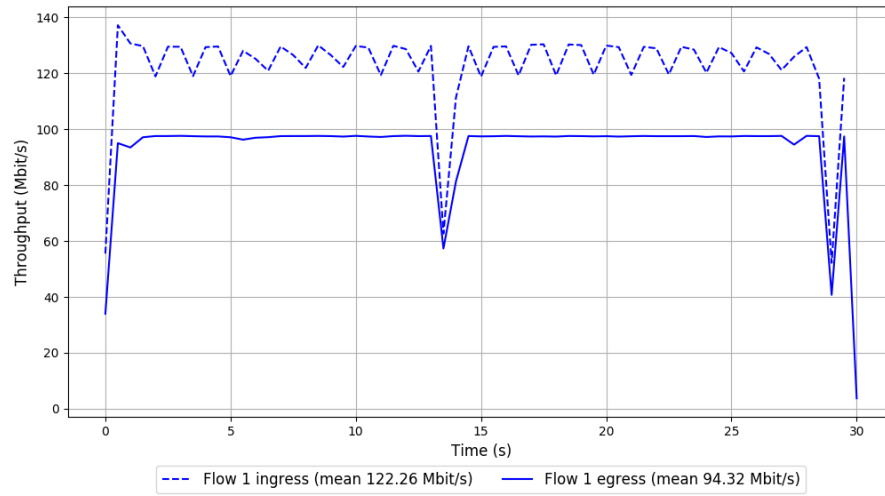
Run 5: Statistics of TCP BBR

Start at: 2018-01-25 10:42:00  
End at: 2018-01-25 10:42:30  
Local clock offset: 1.52 ms  
Remote clock offset: -3.682 ms

# Below is generated by plot.py at 2018-01-25 13:13:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.32 Mbit/s  
95th percentile per-packet one-way delay: 63.694 ms  
Loss rate: 22.85%  
-- Flow 1:  
Average throughput: 94.32 Mbit/s  
95th percentile per-packet one-way delay: 63.694 ms  
Loss rate: 22.85%



### Run 5: Report of TCP BBR — Data Link

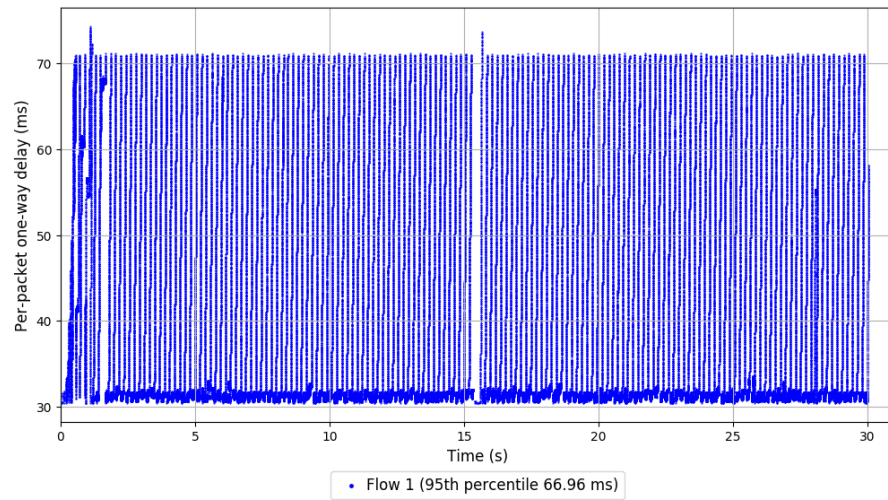
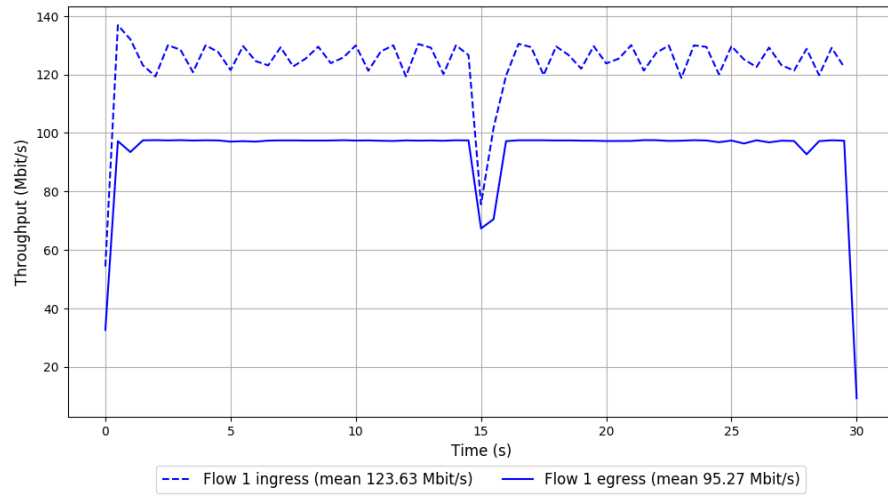


Run 6: Statistics of TCP BBR

Start at: 2018-01-25 11:03:17  
End at: 2018-01-25 11:03:47  
Local clock offset: 1.525 ms  
Remote clock offset: -1.511 ms

# Below is generated by plot.py at 2018-01-25 13:13:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.27 Mbit/s  
95th percentile per-packet one-way delay: 66.959 ms  
Loss rate: 22.87%  
-- Flow 1:  
Average throughput: 95.27 Mbit/s  
95th percentile per-packet one-way delay: 66.959 ms  
Loss rate: 22.87%

## Run 6: Report of TCP BBR — Data Link

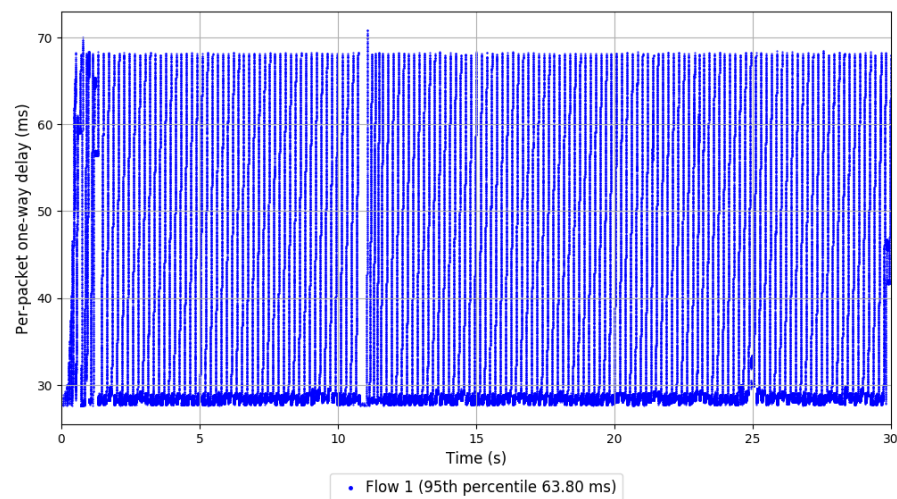
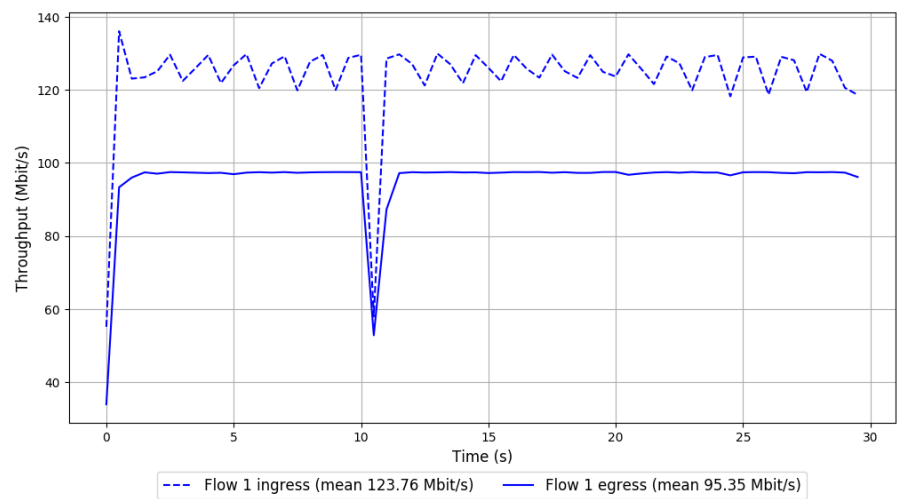


Run 7: Statistics of TCP BBR

Start at: 2018-01-25 11:24:35  
End at: 2018-01-25 11:25:05  
Local clock offset: 1.543 ms  
Remote clock offset: -3.849 ms

# Below is generated by plot.py at 2018-01-25 13:13:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.35 Mbit/s  
95th percentile per-packet one-way delay: 63.801 ms  
Loss rate: 22.94%  
-- Flow 1:  
Average throughput: 95.35 Mbit/s  
95th percentile per-packet one-way delay: 63.801 ms  
Loss rate: 22.94%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-01-25 11:45:52

End at: 2018-01-25 11:46:22

Local clock offset: 1.523 ms

Remote clock offset: -3.748 ms

# Below is generated by plot.py at 2018-01-25 13:13:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.15 Mbit/s

95th percentile per-packet one-way delay: 64.787 ms

Loss rate: 22.62%

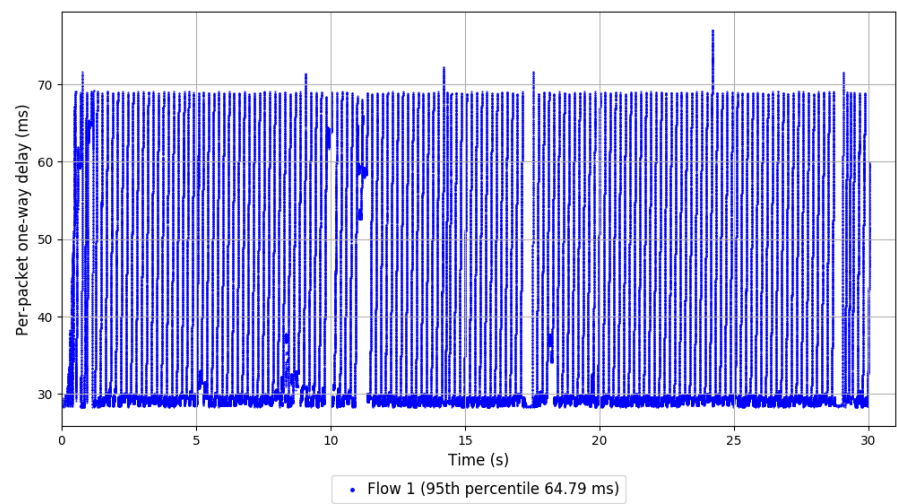
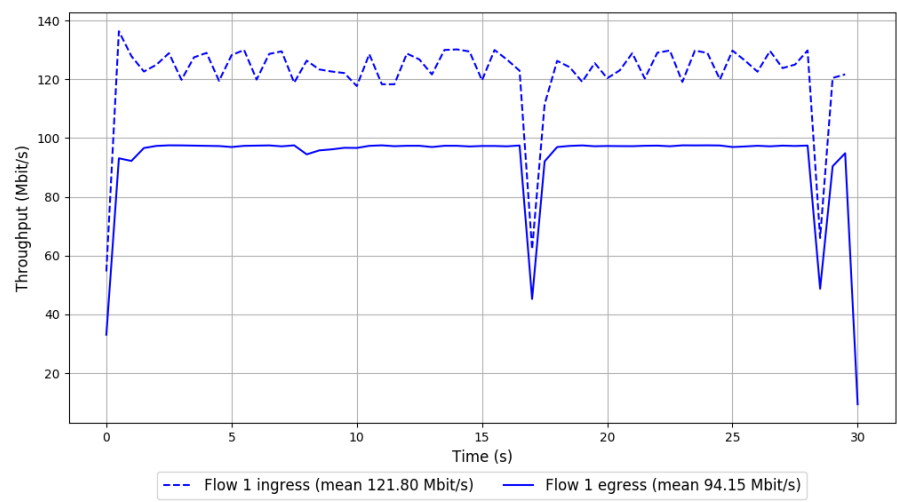
-- Flow 1:

Average throughput: 94.15 Mbit/s

95th percentile per-packet one-way delay: 64.787 ms

Loss rate: 22.62%

Run 8: Report of TCP BBR — Data Link



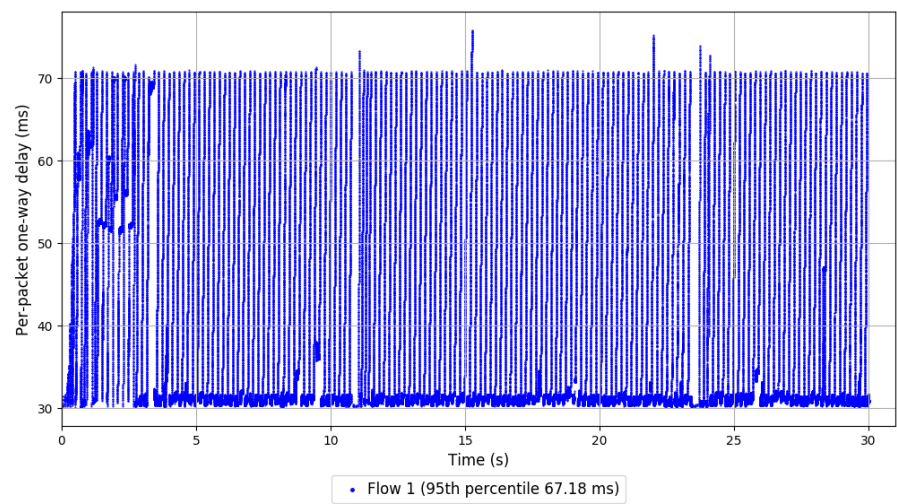
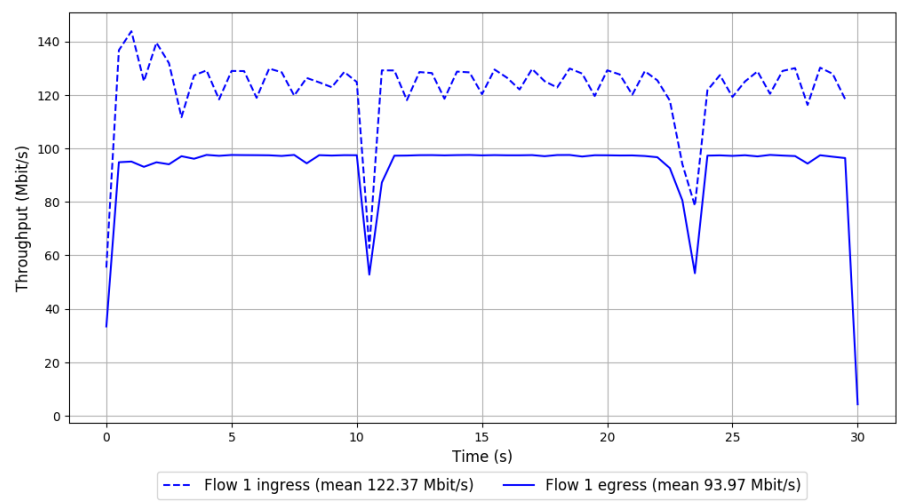
Run 9: Statistics of TCP BBR

Start at: 2018-01-25 12:07:21  
End at: 2018-01-25 12:07:51  
Local clock offset: 1.509 ms  
Remote clock offset: -1.187 ms

# Below is generated by plot.py at 2018-01-25 13:14:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.97 Mbit/s  
95th percentile per-packet one-way delay: 67.182 ms  
Loss rate: 23.21%  
-- Flow 1:  
Average throughput: 93.97 Mbit/s  
95th percentile per-packet one-way delay: 67.182 ms  
Loss rate: 23.21%



Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-01-25 12:28:45

End at: 2018-01-25 12:29:15

Local clock offset: 1.537 ms

Remote clock offset: -3.677 ms

# Below is generated by plot.py at 2018-01-25 13:14:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.35 Mbit/s

95th percentile per-packet one-way delay: 64.879 ms

Loss rate: 22.94%

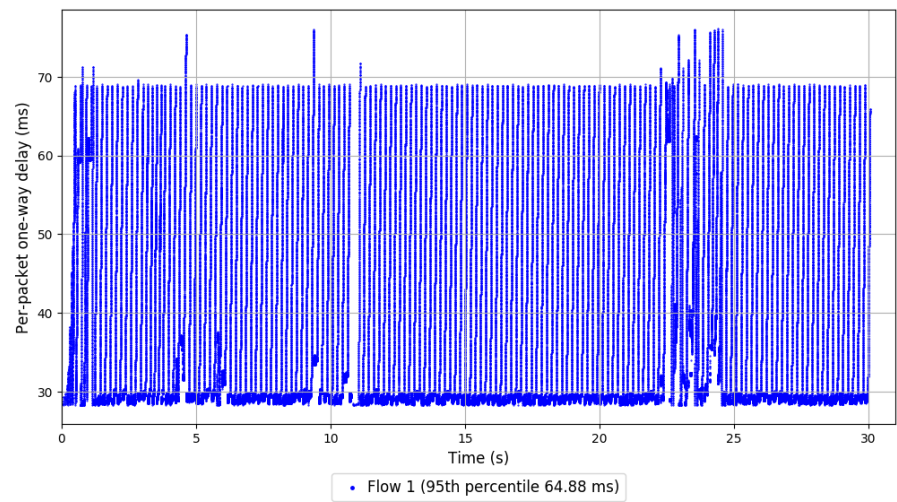
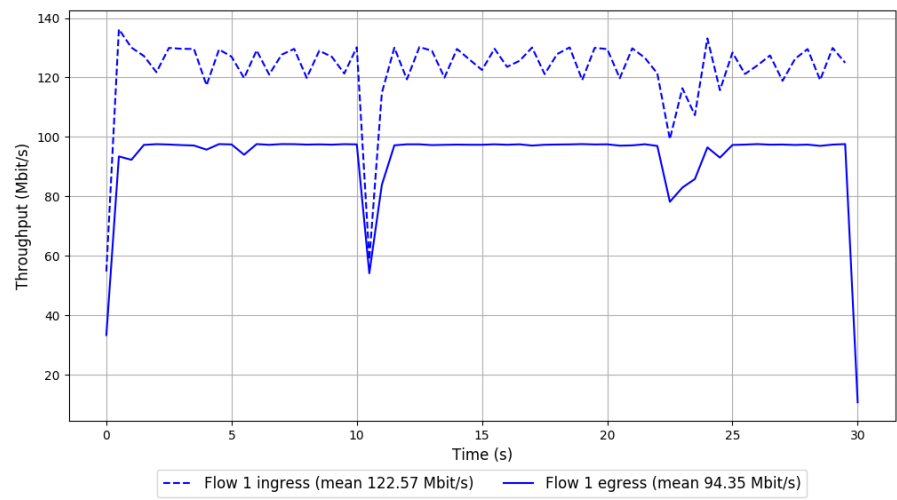
-- Flow 1:

Average throughput: 94.35 Mbit/s

95th percentile per-packet one-way delay: 64.879 ms

Loss rate: 22.94%

Run 10: Report of TCP BBR — Data Link

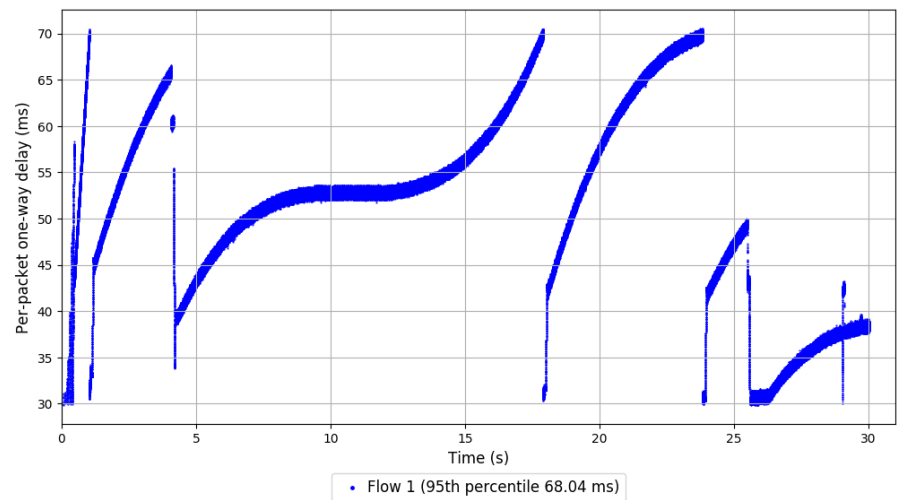
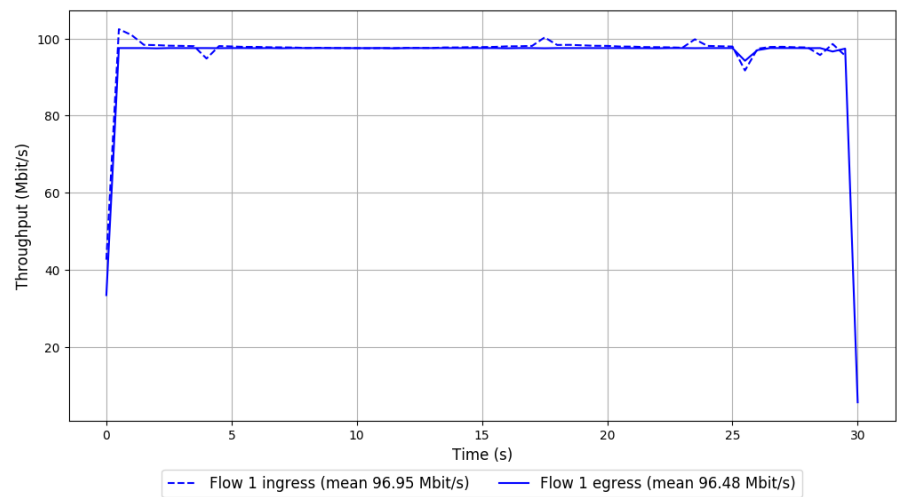


Run 1: Statistics of TCP Cubic

Start at: 2018-01-25 09:31:19  
End at: 2018-01-25 09:31:49  
Local clock offset: 1.765 ms  
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-01-25 13:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: 68.039 ms  
Loss rate: 0.46%  
-- Flow 1:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: 68.039 ms  
Loss rate: 0.46%

Run 1: Report of TCP Cubic — Data Link

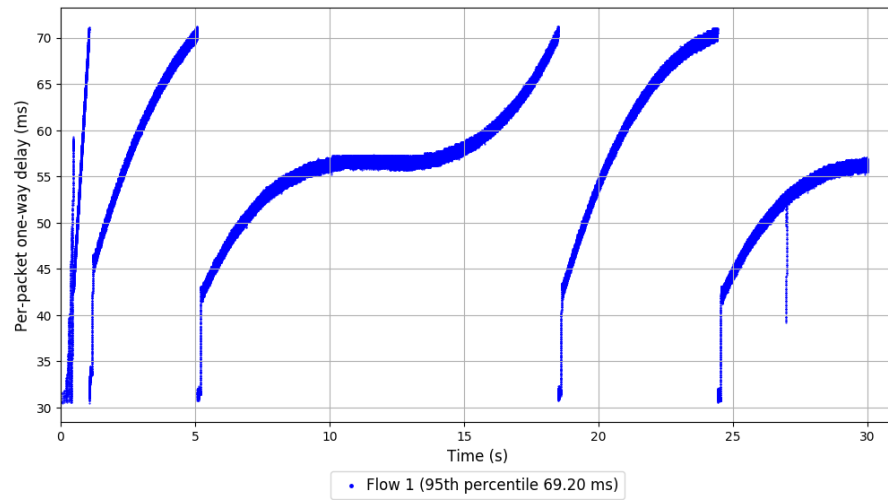
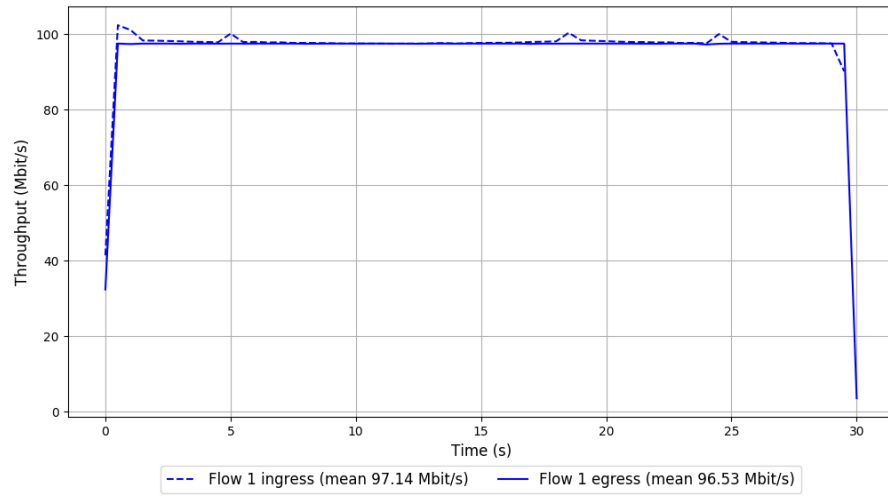


Run 2: Statistics of TCP Cubic

Start at: 2018-01-25 09:52:37  
End at: 2018-01-25 09:53:07  
Local clock offset: 1.558 ms  
Remote clock offset: -0.886 ms

# Below is generated by plot.py at 2018-01-25 13:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 69.203 ms  
Loss rate: 0.54%  
-- Flow 1:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 69.203 ms  
Loss rate: 0.54%

## Run 2: Report of TCP Cubic — Data Link



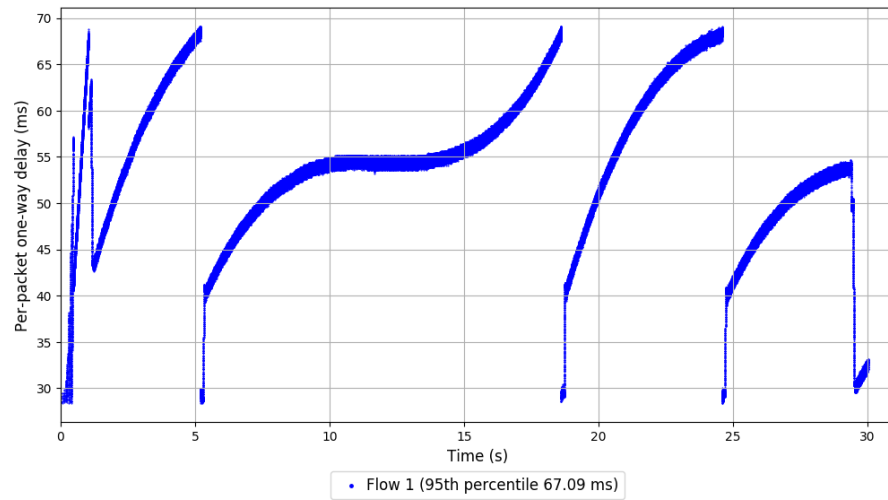
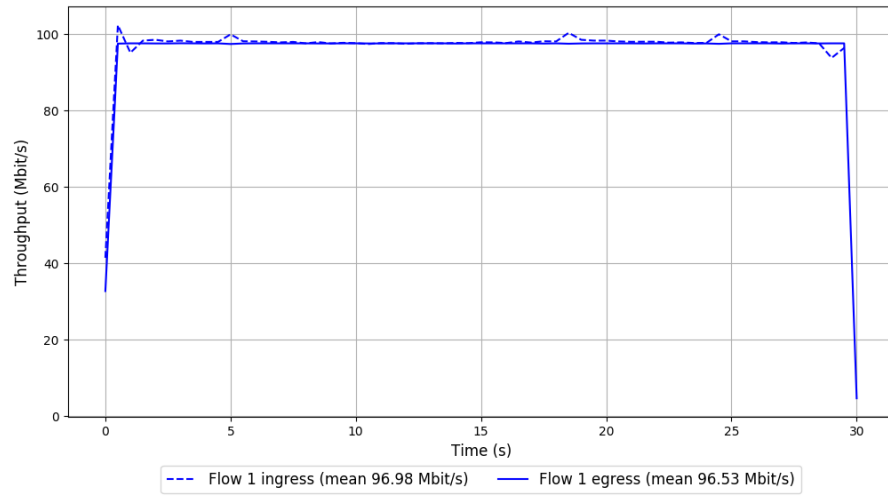
Run 3: Statistics of TCP Cubic

Start at: 2018-01-25 10:14:00  
End at: 2018-01-25 10:14:30  
Local clock offset: 1.496 ms  
Remote clock offset: -4.012 ms

# Below is generated by plot.py at 2018-01-25 13:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 67.089 ms  
Loss rate: 0.45%  
-- Flow 1:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 67.089 ms  
Loss rate: 0.45%



### Run 3: Report of TCP Cubic — Data Link

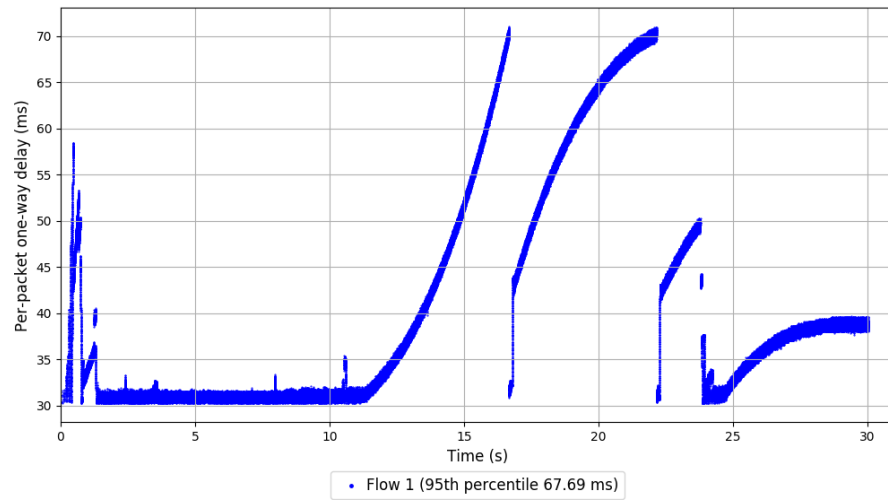
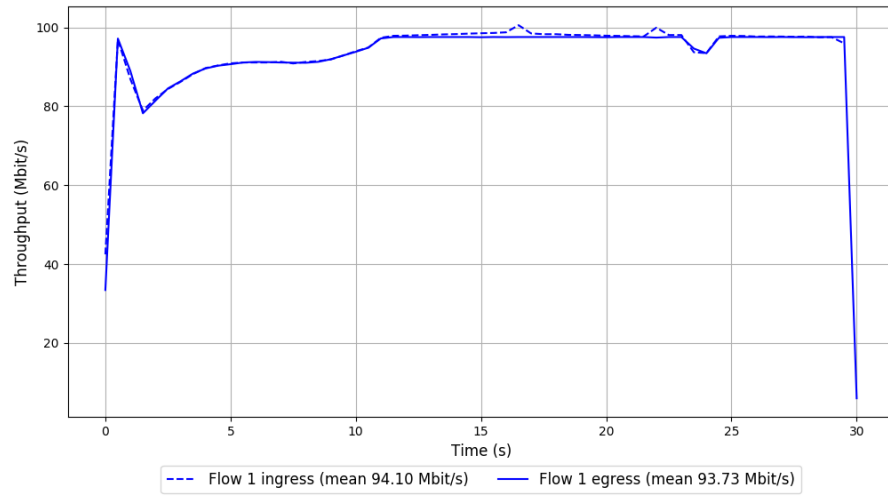


Run 4: Statistics of TCP Cubic

Start at: 2018-01-25 10:35:23  
End at: 2018-01-25 10:35:53  
Local clock offset: 1.504 ms  
Remote clock offset: -1.241 ms

# Below is generated by plot.py at 2018-01-25 13:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.73 Mbit/s  
95th percentile per-packet one-way delay: 67.695 ms  
Loss rate: 0.36%  
-- Flow 1:  
Average throughput: 93.73 Mbit/s  
95th percentile per-packet one-way delay: 67.695 ms  
Loss rate: 0.36%

#### Run 4: Report of TCP Cubic — Data Link

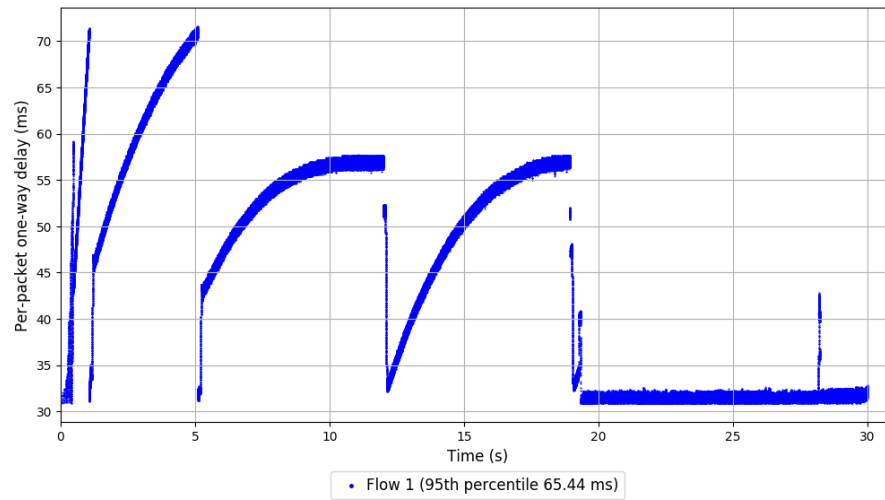
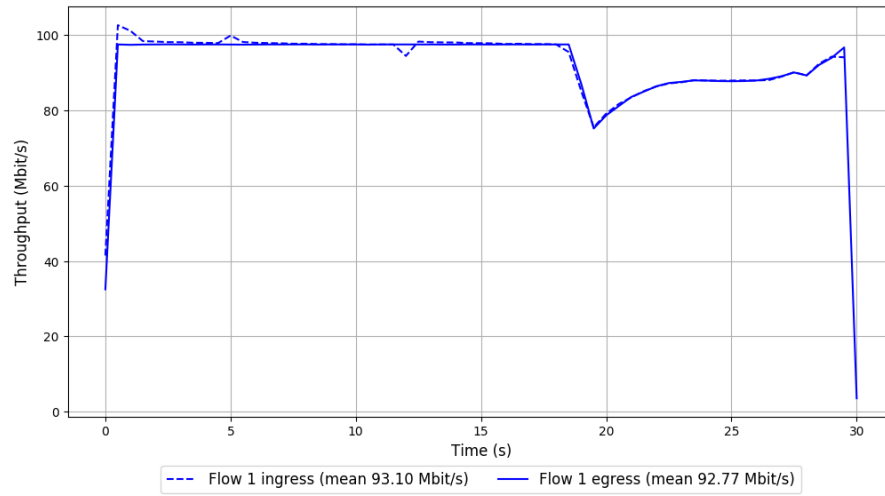


Run 5: Statistics of TCP Cubic

Start at: 2018-01-25 10:56:37  
End at: 2018-01-25 10:57:07  
Local clock offset: 1.51 ms  
Remote clock offset: -1.049 ms

# Below is generated by plot.py at 2018-01-25 13:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.77 Mbit/s  
95th percentile per-packet one-way delay: 65.441 ms  
Loss rate: 0.35%  
-- Flow 1:  
Average throughput: 92.77 Mbit/s  
95th percentile per-packet one-way delay: 65.441 ms  
Loss rate: 0.35%

### Run 5: Report of TCP Cubic — Data Link

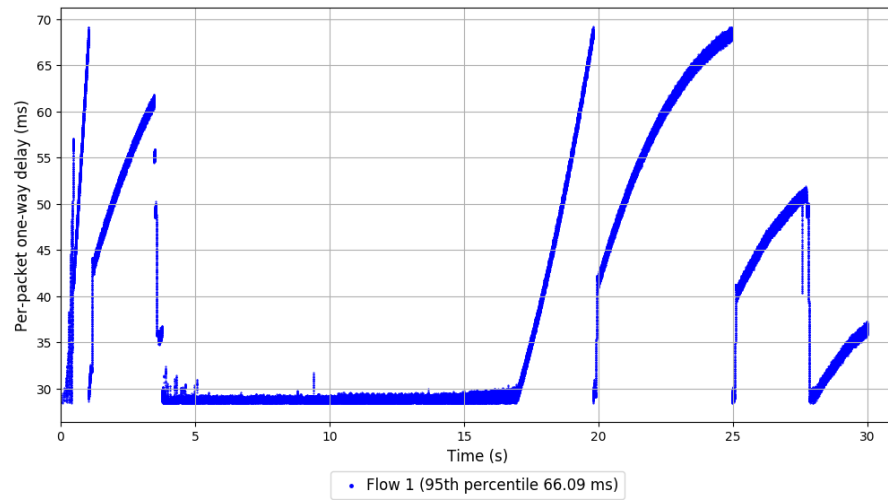
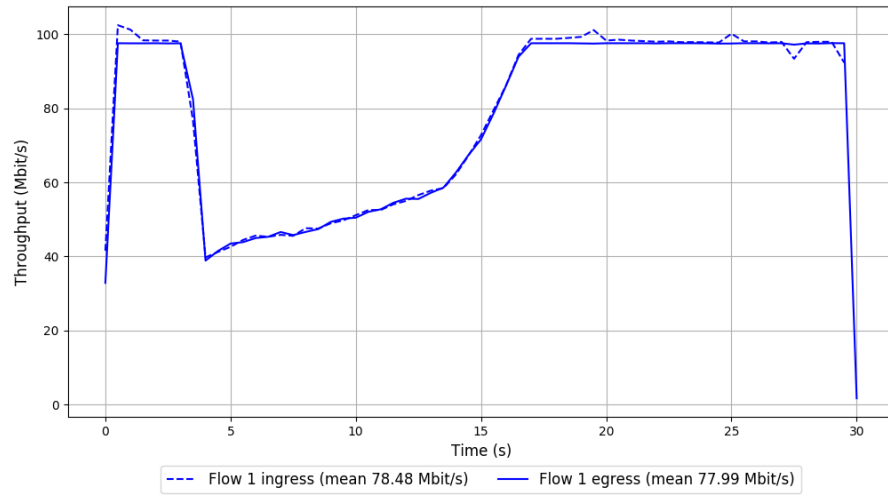


Run 6: Statistics of TCP Cubic

Start at: 2018-01-25 11:17:53  
End at: 2018-01-25 11:18:23  
Local clock offset: 1.442 ms  
Remote clock offset: -3.707 ms

# Below is generated by plot.py at 2018-01-25 13:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.99 Mbit/s  
95th percentile per-packet one-way delay: 66.089 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 77.99 Mbit/s  
95th percentile per-packet one-way delay: 66.089 ms  
Loss rate: 0.60%

## Run 6: Report of TCP Cubic — Data Link



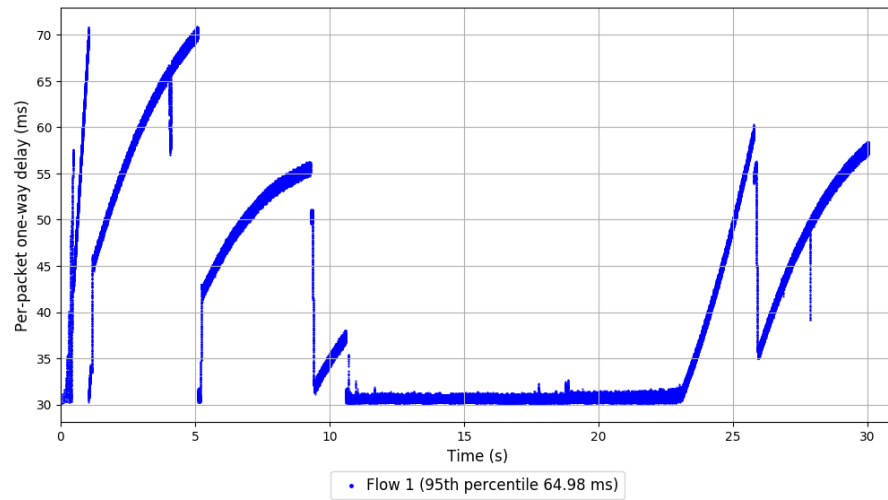
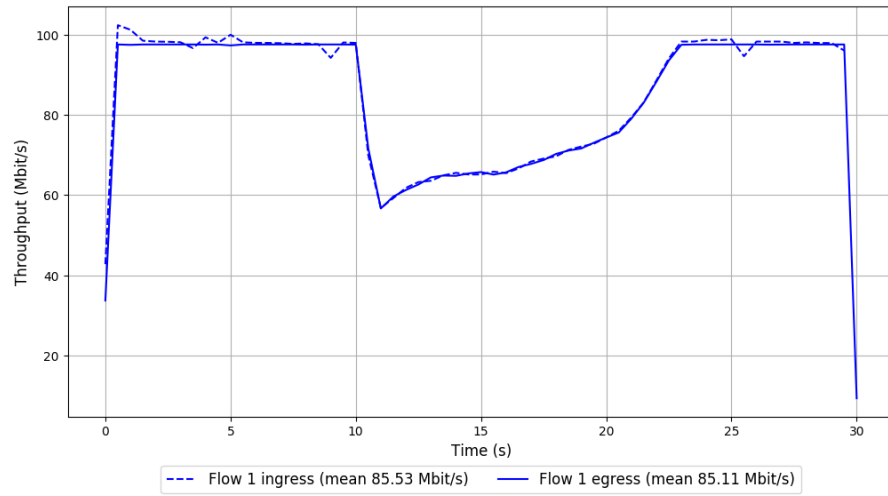
Run 7: Statistics of TCP Cubic

Start at: 2018-01-25 11:39:14  
End at: 2018-01-25 11:39:44  
Local clock offset: 1.542 ms  
Remote clock offset: -1.231 ms

# Below is generated by plot.py at 2018-01-25 13:15:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.11 Mbit/s  
95th percentile per-packet one-way delay: 64.979 ms  
Loss rate: 0.39%  
-- Flow 1:  
Average throughput: 85.11 Mbit/s  
95th percentile per-packet one-way delay: 64.979 ms  
Loss rate: 0.39%



### Run 7: Report of TCP Cubic — Data Link

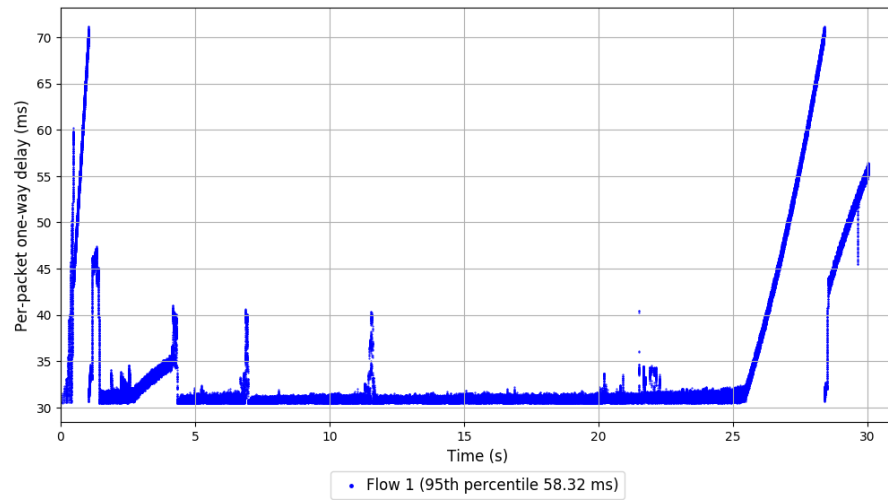
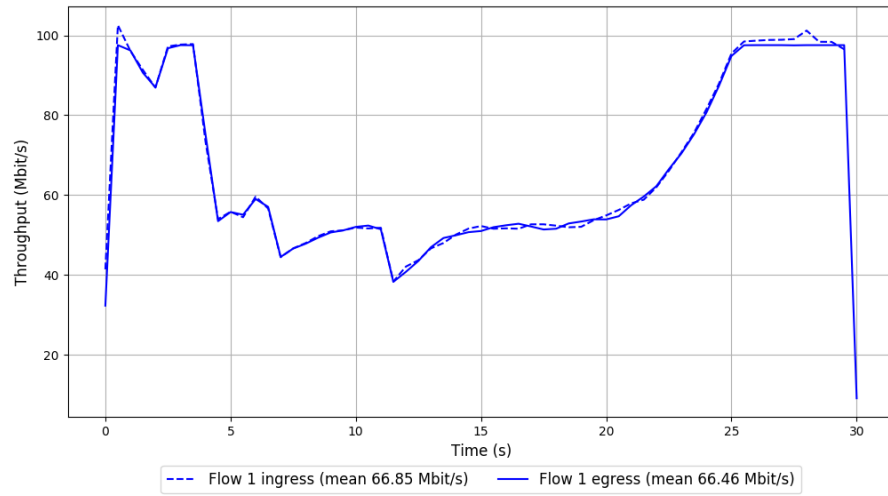


Run 8: Statistics of TCP Cubic

Start at: 2018-01-25 12:00:40  
End at: 2018-01-25 12:01:10  
Local clock offset: 1.504 ms  
Remote clock offset: -1.588 ms

# Below is generated by plot.py at 2018-01-25 13:15:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 66.46 Mbit/s  
95th percentile per-packet one-way delay: 58.319 ms  
Loss rate: 0.50%  
-- Flow 1:  
Average throughput: 66.46 Mbit/s  
95th percentile per-packet one-way delay: 58.319 ms  
Loss rate: 0.50%

### Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-01-25 12:22:07

End at: 2018-01-25 12:22:37

Local clock offset: 1.524 ms

Remote clock offset: -1.09 ms

# Below is generated by plot.py at 2018-01-25 13:15:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 69.074 ms

Loss rate: 0.58%

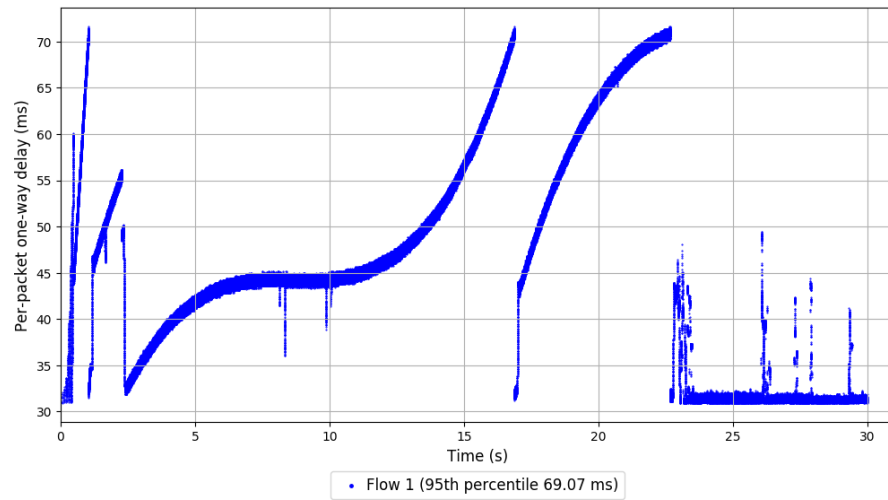
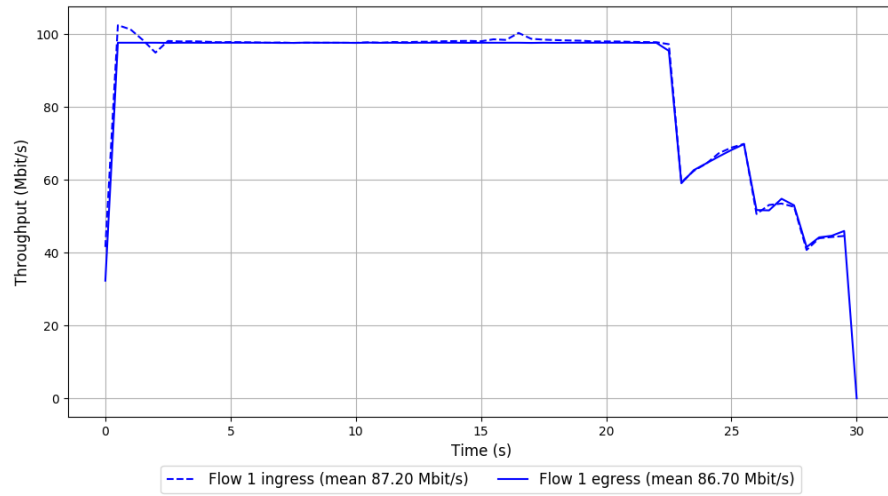
-- Flow 1:

Average throughput: 86.70 Mbit/s

95th percentile per-packet one-way delay: 69.074 ms

Loss rate: 0.58%

### Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-25 12:43:23

End at: 2018-01-25 12:43:53

Local clock offset: 1.503 ms

Remote clock offset: -1.629 ms

# Below is generated by plot.py at 2018-01-25 13:15:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 66.99 Mbit/s

95th percentile per-packet one-way delay: 49.996 ms

Loss rate: 0.34%

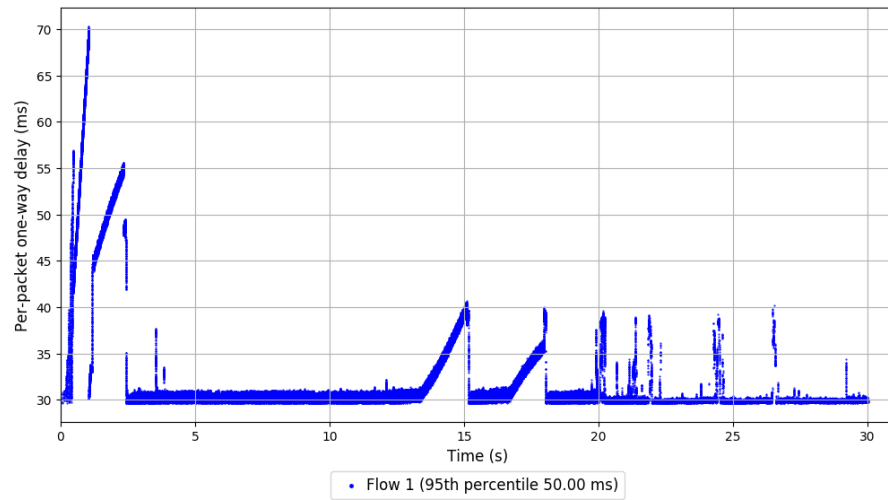
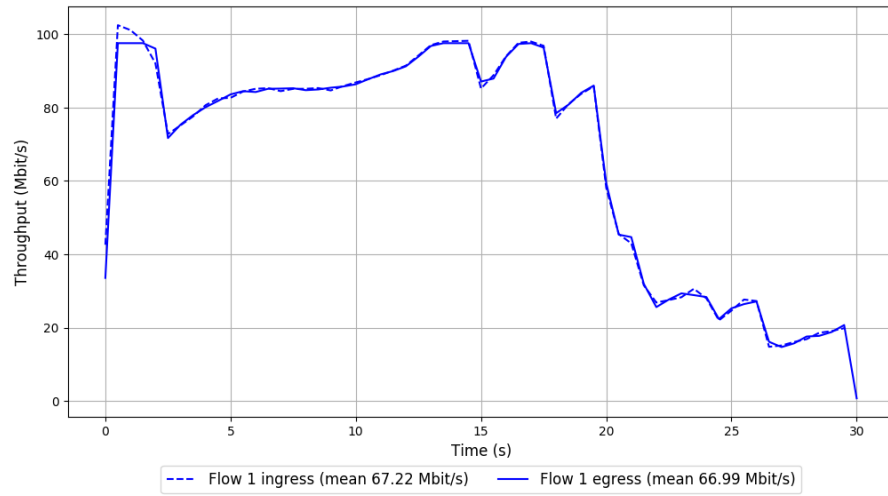
-- Flow 1:

Average throughput: 66.99 Mbit/s

95th percentile per-packet one-way delay: 49.996 ms

Loss rate: 0.34%

### Run 10: Report of TCP Cubic — Data Link



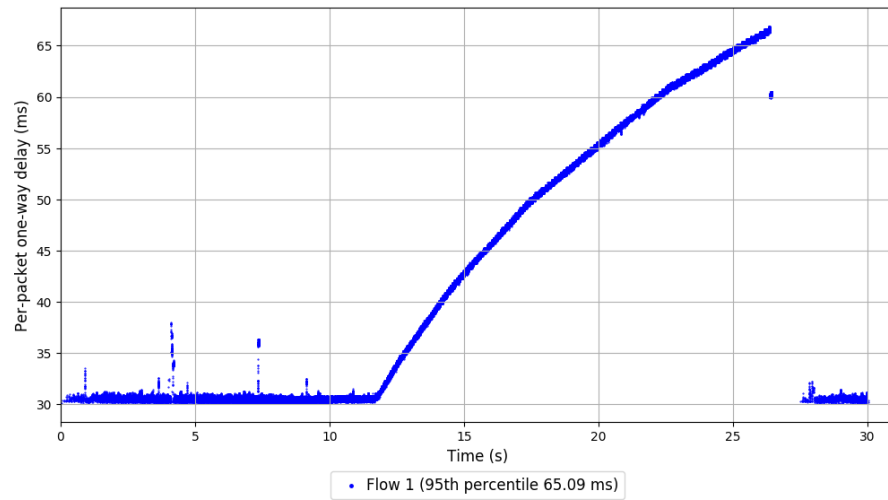
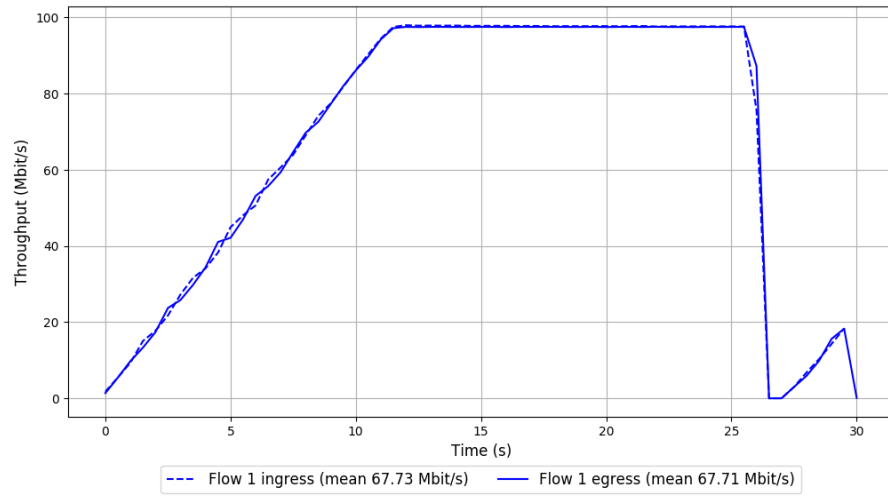
```
Run 1: Statistics of LEDBAT

Start at: 2018-01-25 09:15:22
End at: 2018-01-25 09:15:52
Local clock offset: 1.834 ms
Remote clock offset: 0.366 ms

# Below is generated by plot.py at 2018-01-25 13:15:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 65.095 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 67.71 Mbit/s
95th percentile per-packet one-way delay: 65.095 ms
Loss rate: 0.03%
```



### Run 1: Report of LEDBAT — Data Link

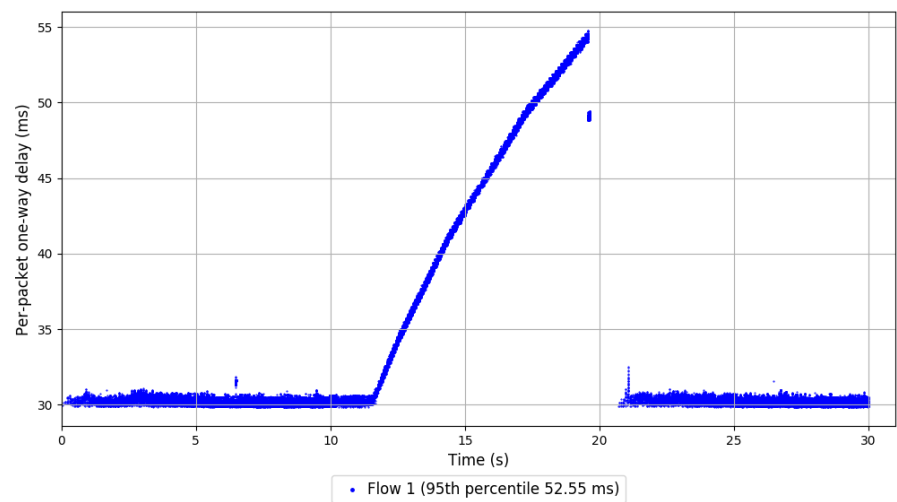
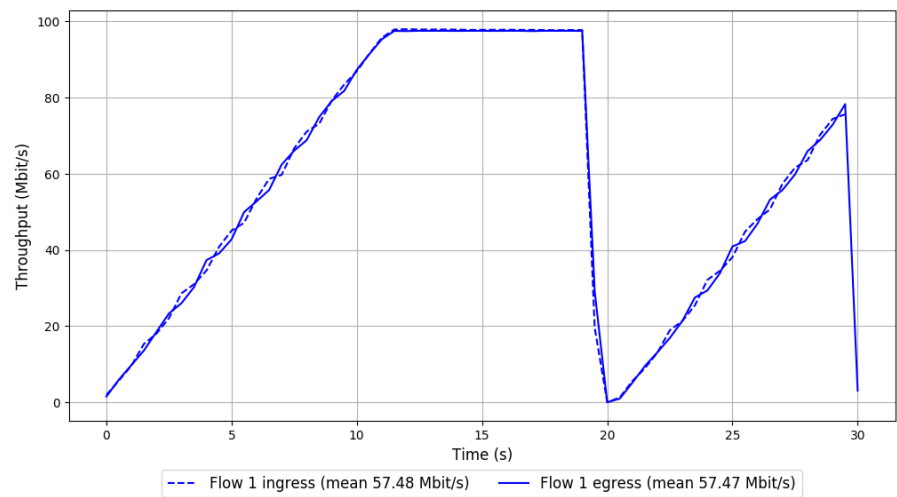


```
Run 2: Statistics of LEDBAT

Start at: 2018-01-25 09:36:41
End at: 2018-01-25 09:37:11
Local clock offset: 1.656 ms
Remote clock offset: -0.15 ms

# Below is generated by plot.py at 2018-01-25 13:15:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.47 Mbit/s
95th percentile per-packet one-way delay: 52.545 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 57.47 Mbit/s
95th percentile per-packet one-way delay: 52.545 ms
Loss rate: 0.03%
```

Run 2: Report of LEDBAT — Data Link

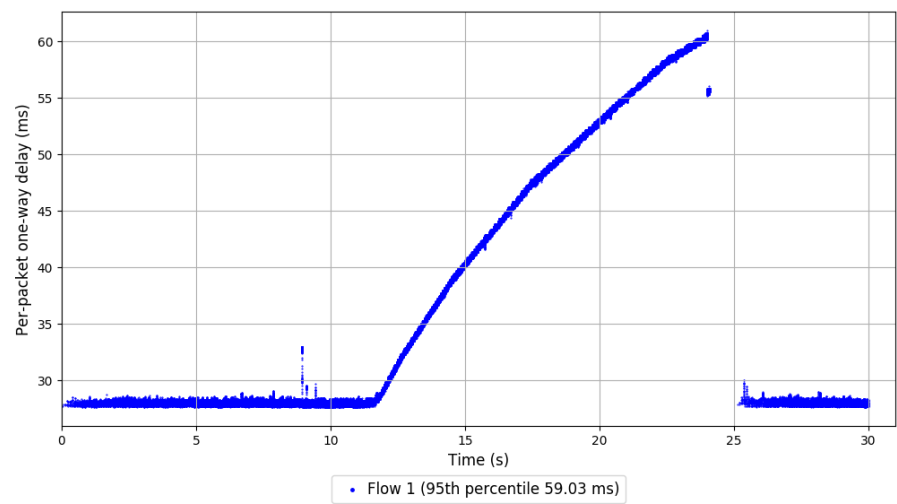
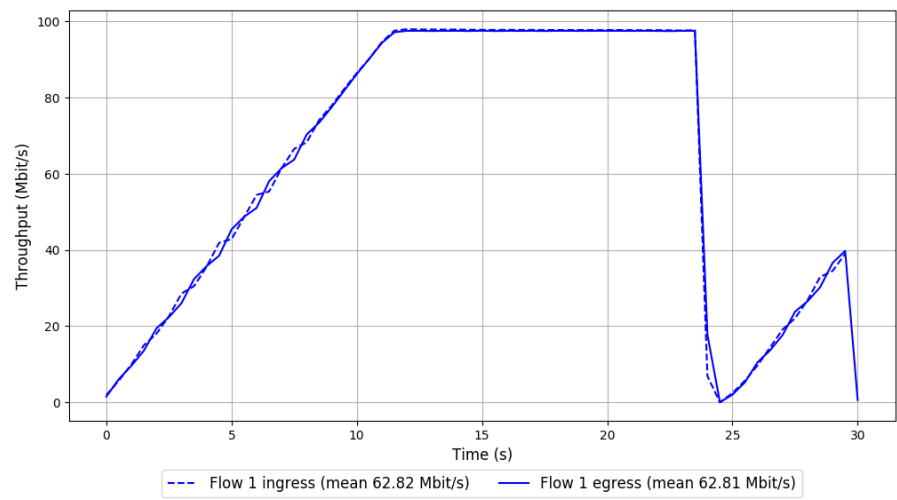


Run 3: Statistics of LEDBAT

Start at: 2018-01-25 09:57:58  
End at: 2018-01-25 09:58:28  
Local clock offset: 1.623 ms  
Remote clock offset: -3.361 ms

# Below is generated by plot.py at 2018-01-25 13:15:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 62.81 Mbit/s  
95th percentile per-packet one-way delay: 59.032 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 62.81 Mbit/s  
95th percentile per-packet one-way delay: 59.032 ms  
Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-01-25 10:19:23

End at: 2018-01-25 10:19:53

Local clock offset: 1.394 ms

Remote clock offset: -1.28 ms

# Below is generated by plot.py at 2018-01-25 13:15:50

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.25 Mbit/s

95th percentile per-packet one-way delay: 66.606 ms

Loss rate: 0.05%

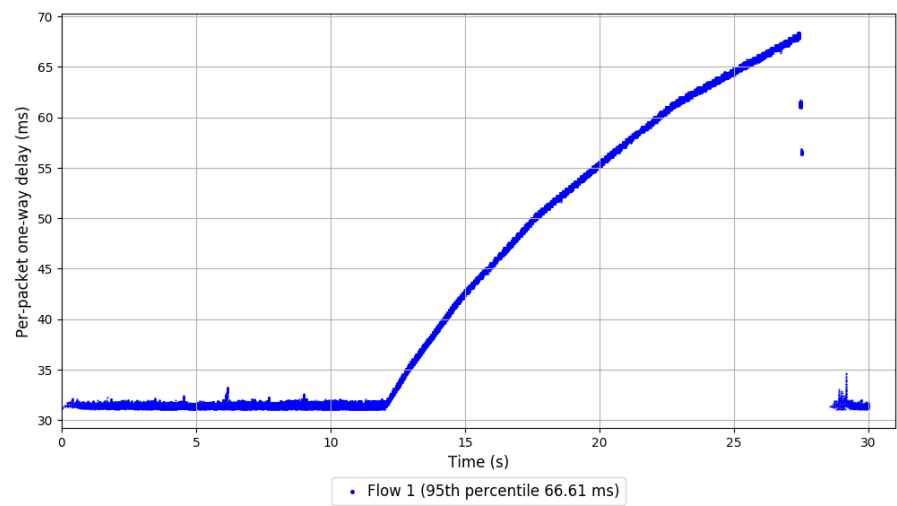
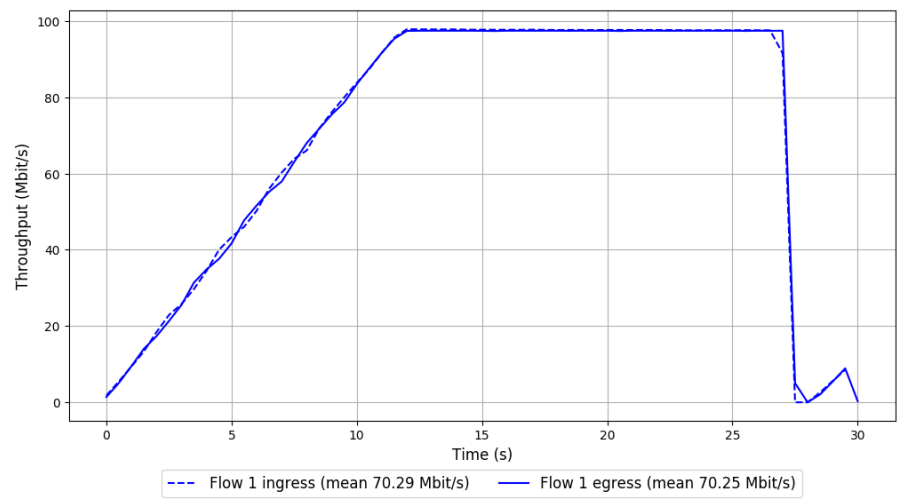
-- Flow 1:

Average throughput: 70.25 Mbit/s

95th percentile per-packet one-way delay: 66.606 ms

Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-01-25 10:40:45

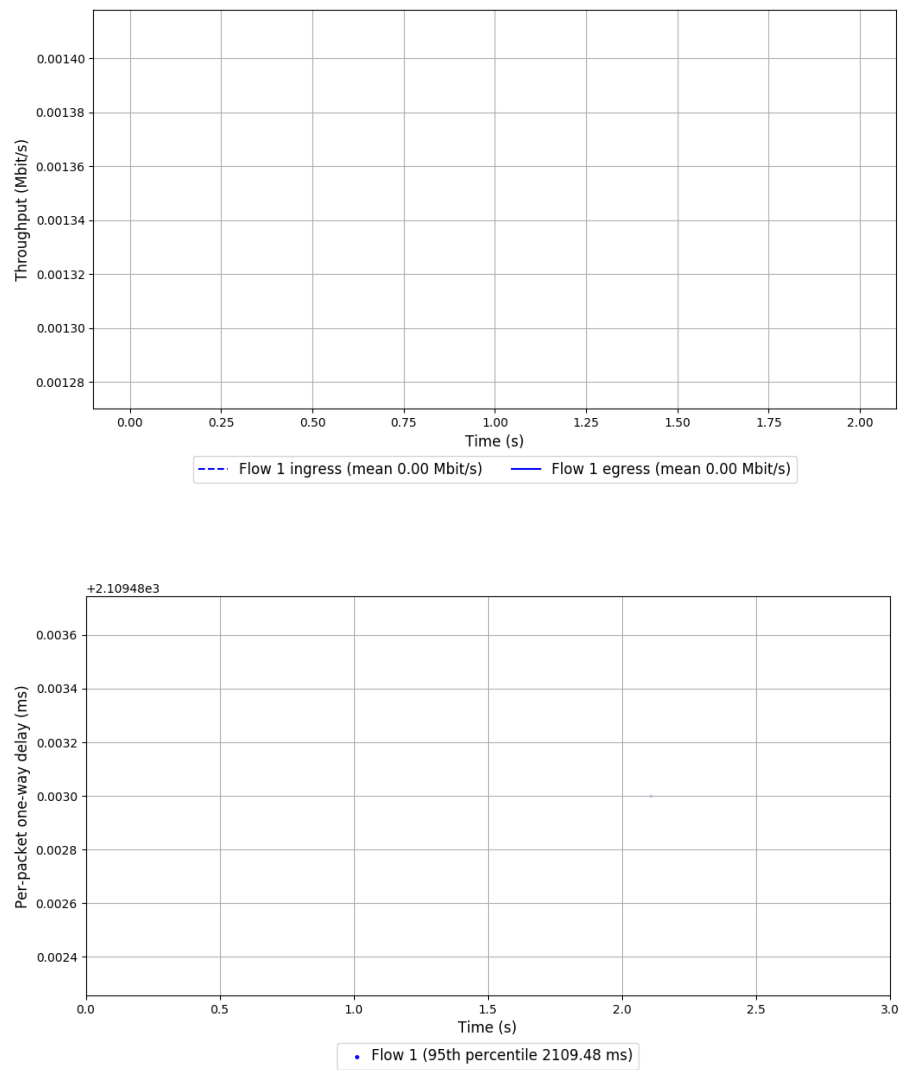
End at: 2018-01-25 10:41:15

Local clock offset: 1.447 ms

Remote clock offset: -1.686 ms



Run 5: Report of LEDBAT — Data Link

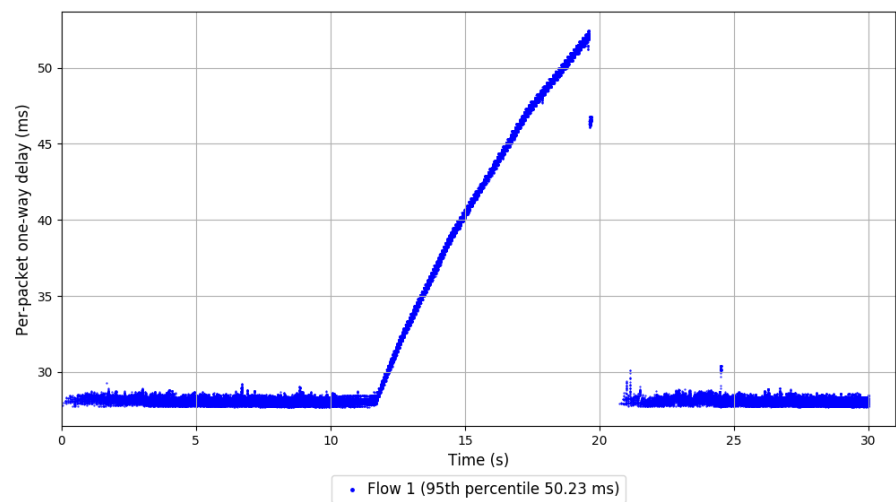
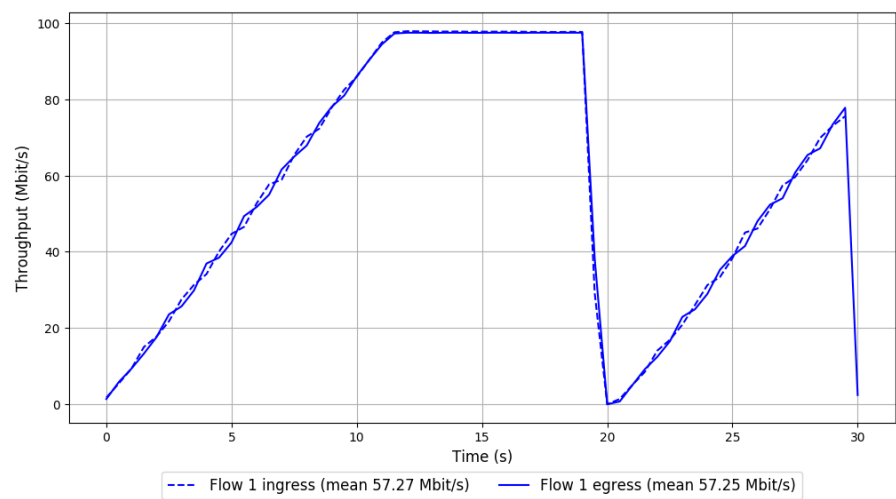


Run 6: Statistics of LEDBAT

Start at: 2018-01-25 11:01:58  
End at: 2018-01-25 11:02:28  
Local clock offset: 1.452 ms  
Remote clock offset: -3.648 ms

# Below is generated by plot.py at 2018-01-25 13:16:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 57.25 Mbit/s  
95th percentile per-packet one-way delay: 50.233 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 57.25 Mbit/s  
95th percentile per-packet one-way delay: 50.233 ms  
Loss rate: 0.03%

Run 6: Report of LEDBAT — Data Link

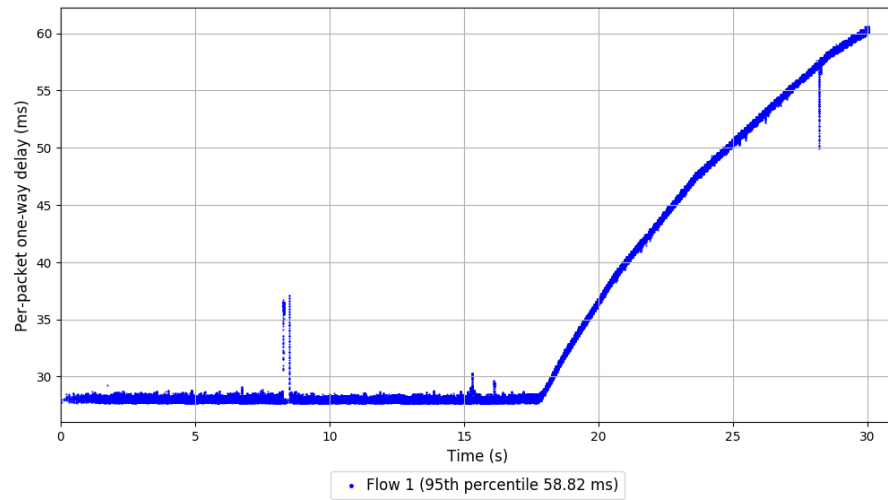
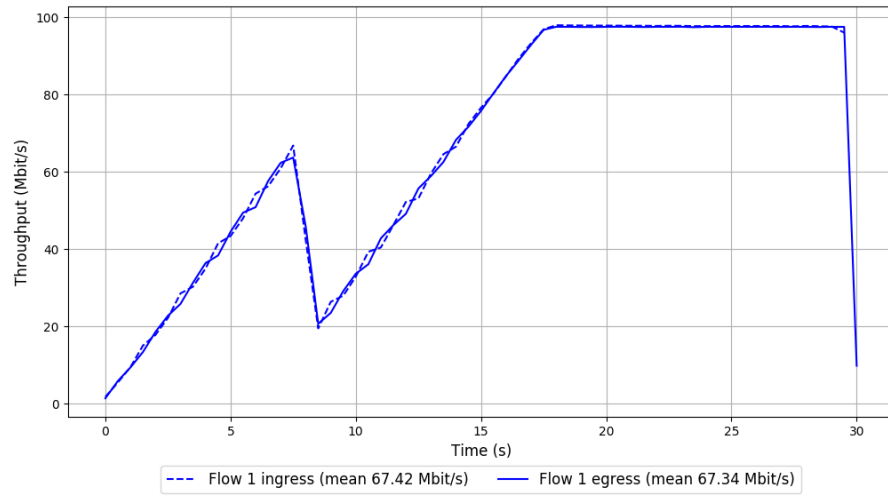


Run 7: Statistics of LEDBAT

Start at: 2018-01-25 11:23:15  
End at: 2018-01-25 11:23:45  
Local clock offset: 1.534 ms  
Remote clock offset: -3.724 ms

# Below is generated by plot.py at 2018-01-25 13:16:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 67.34 Mbit/s  
95th percentile per-packet one-way delay: 58.823 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 67.34 Mbit/s  
95th percentile per-packet one-way delay: 58.823 ms  
Loss rate: 0.02%

## Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

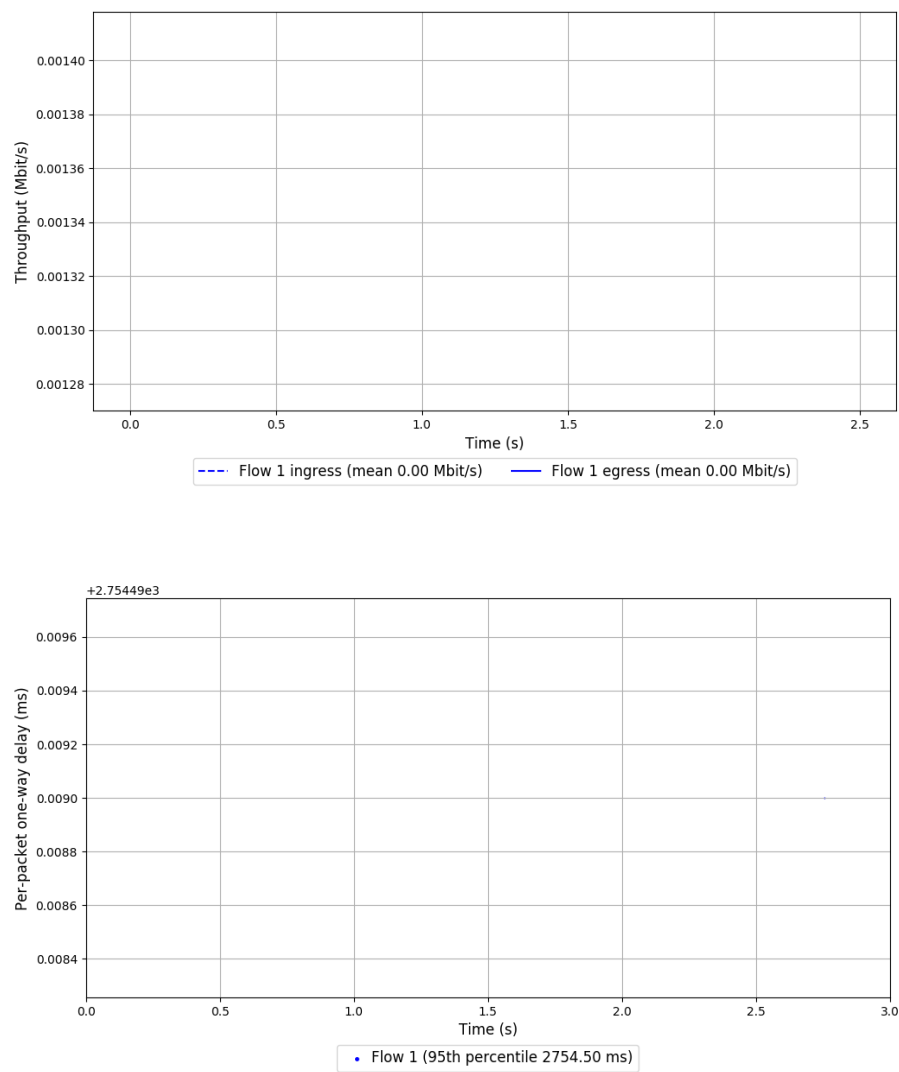
Start at: 2018-01-25 11:44:36

End at: 2018-01-25 11:45:06

Local clock offset: 1.409 ms

Remote clock offset: -3.698 ms

Run 8: Report of LEDBAT — Data Link



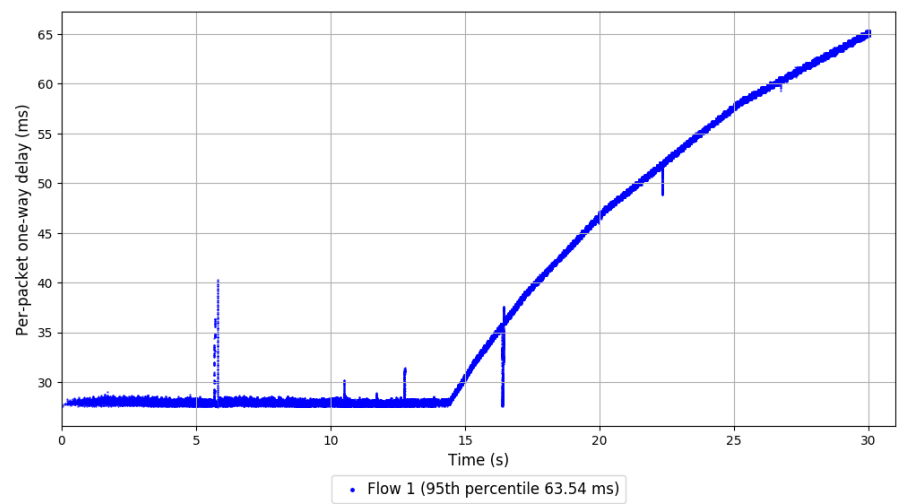
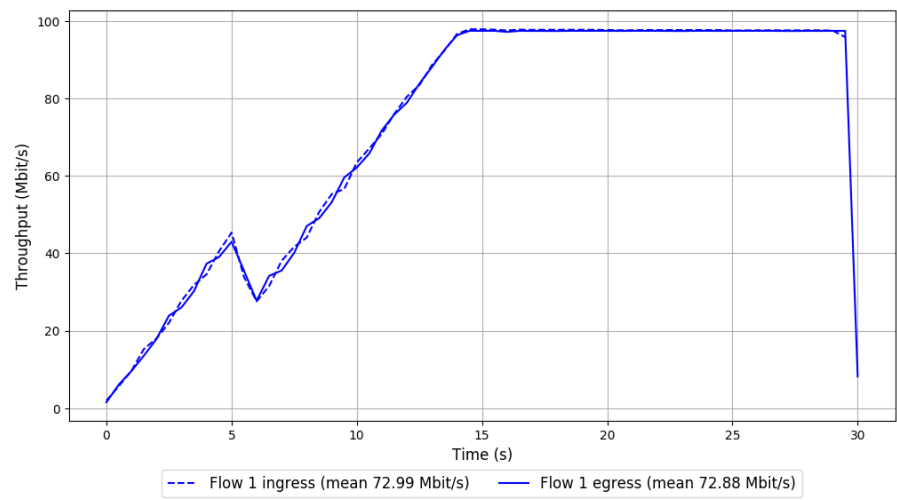
Run 9: Statistics of LEDBAT

Start at: 2018-01-25 12:06:01  
End at: 2018-01-25 12:06:31  
Local clock offset: 1.498 ms  
Remote clock offset: -3.842 ms

# Below is generated by plot.py at 2018-01-25 13:16:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.88 Mbit/s  
95th percentile per-packet one-way delay: 63.539 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 72.88 Mbit/s  
95th percentile per-packet one-way delay: 63.539 ms  
Loss rate: 0.06%



Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

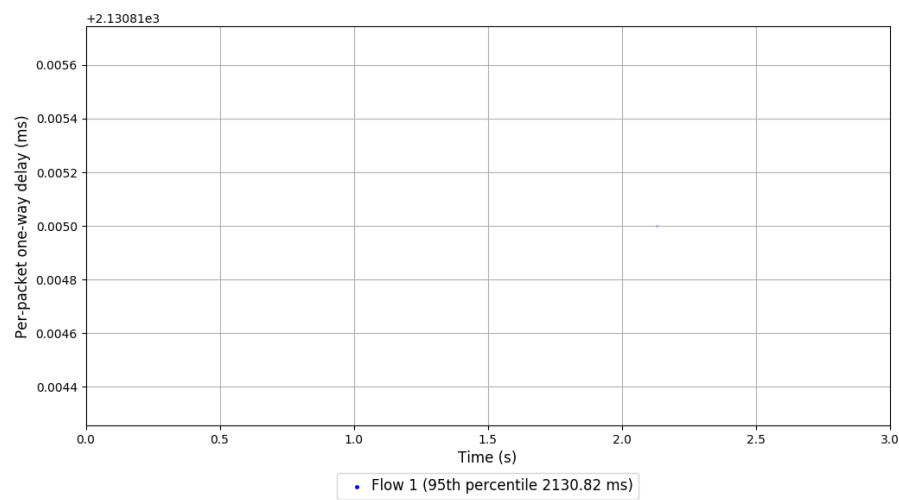
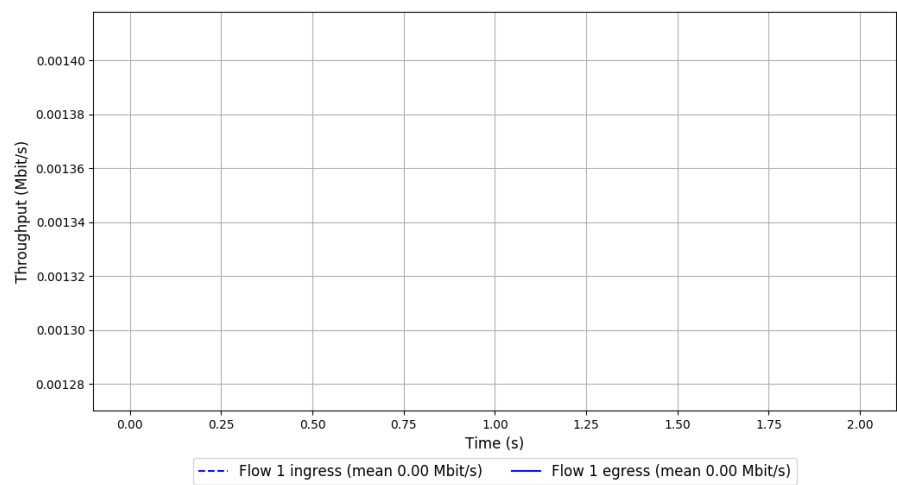
Start at: 2018-01-25 12:27:29

End at: 2018-01-25 12:27:59

Local clock offset: 1.515 ms

Remote clock offset: -1.568 ms

Run 10: Report of LEDBAT — Data Link

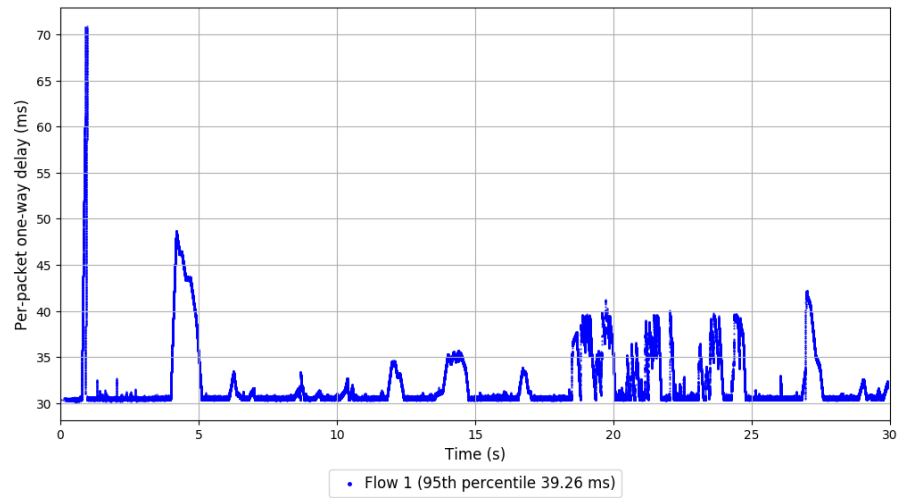
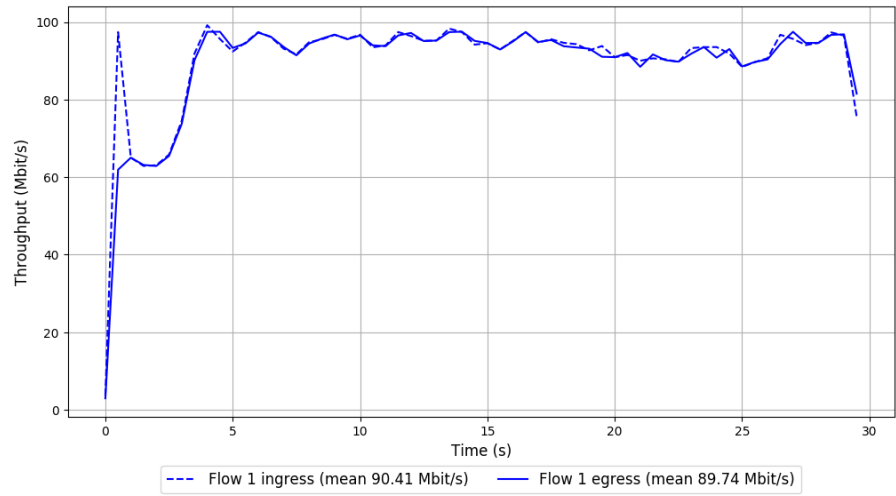


Run 1: Statistics of PCC

Start at: 2018-01-25 09:27:25  
End at: 2018-01-25 09:27:55  
Local clock offset: 1.775 ms  
Remote clock offset: -0.179 ms

# Below is generated by plot.py at 2018-01-25 13:17:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.74 Mbit/s  
95th percentile per-packet one-way delay: 39.263 ms  
Loss rate: 0.74%  
-- Flow 1:  
Average throughput: 89.74 Mbit/s  
95th percentile per-packet one-way delay: 39.263 ms  
Loss rate: 0.74%

## Run 1: Report of PCC — Data Link

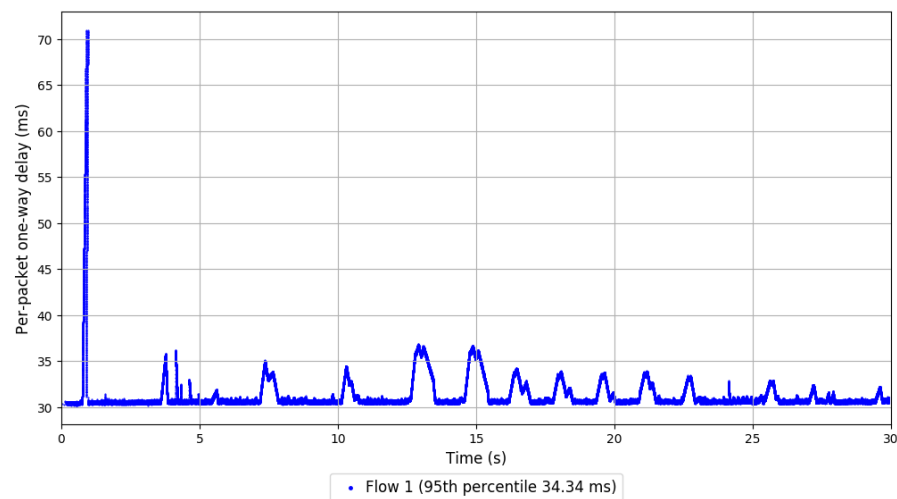
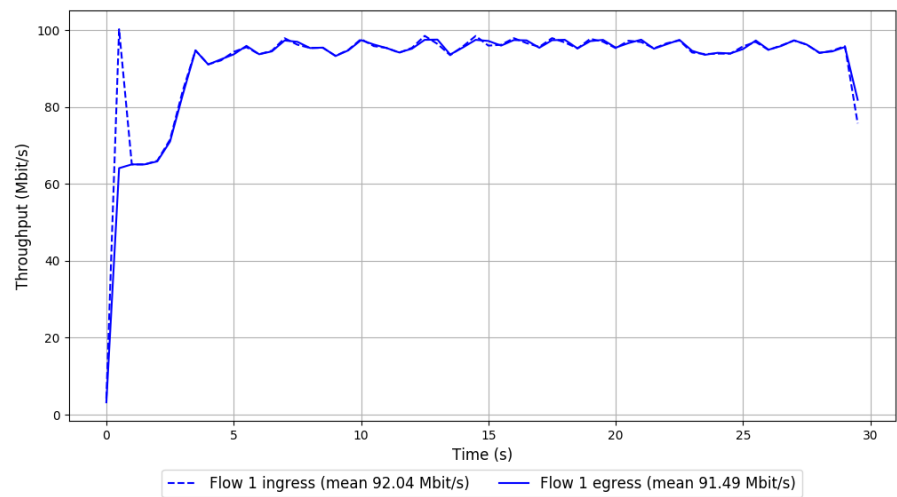


Run 2: Statistics of PCC

Start at: 2018-01-25 09:48:43  
End at: 2018-01-25 09:49:13  
Local clock offset: 1.683 ms  
Remote clock offset: -0.653 ms

# Below is generated by plot.py at 2018-01-25 13:17:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.49 Mbit/s  
95th percentile per-packet one-way delay: 34.345 ms  
Loss rate: 0.60%  
-- Flow 1:  
Average throughput: 91.49 Mbit/s  
95th percentile per-packet one-way delay: 34.345 ms  
Loss rate: 0.60%

Run 2: Report of PCC — Data Link



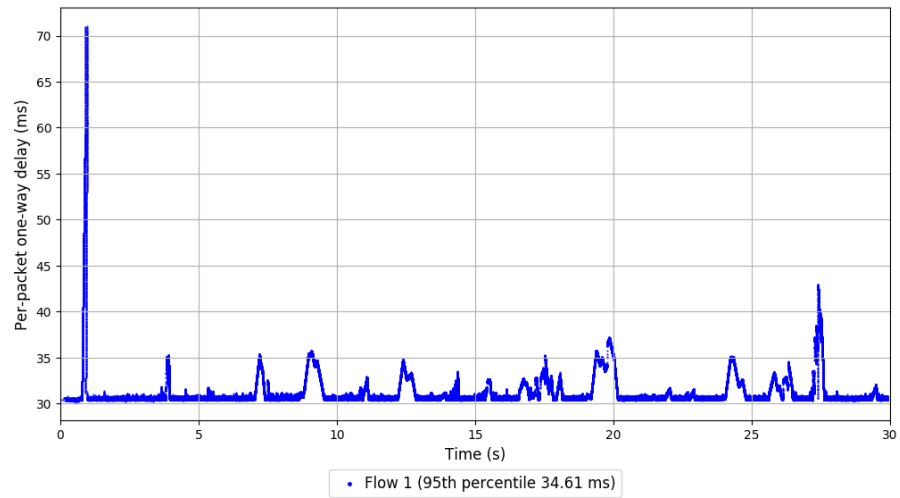
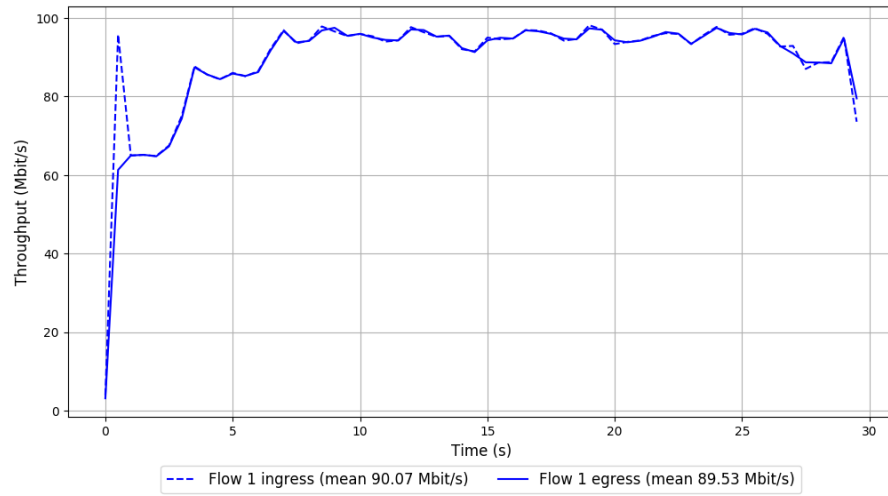
Run 3: Statistics of PCC

Start at: 2018-01-25 10:10:02  
End at: 2018-01-25 10:10:32  
Local clock offset: 1.518 ms  
Remote clock offset: -2.069 ms

# Below is generated by plot.py at 2018-01-25 13:17:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.53 Mbit/s  
95th percentile per-packet one-way delay: 34.606 ms  
Loss rate: 0.59%  
-- Flow 1:  
Average throughput: 89.53 Mbit/s  
95th percentile per-packet one-way delay: 34.606 ms  
Loss rate: 0.59%



### Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-01-25 10:31:27

End at: 2018-01-25 10:31:57

Local clock offset: 1.522 ms

Remote clock offset: -1.32 ms

# Below is generated by plot.py at 2018-01-25 13:17:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 34.755 ms

Loss rate: 0.67%

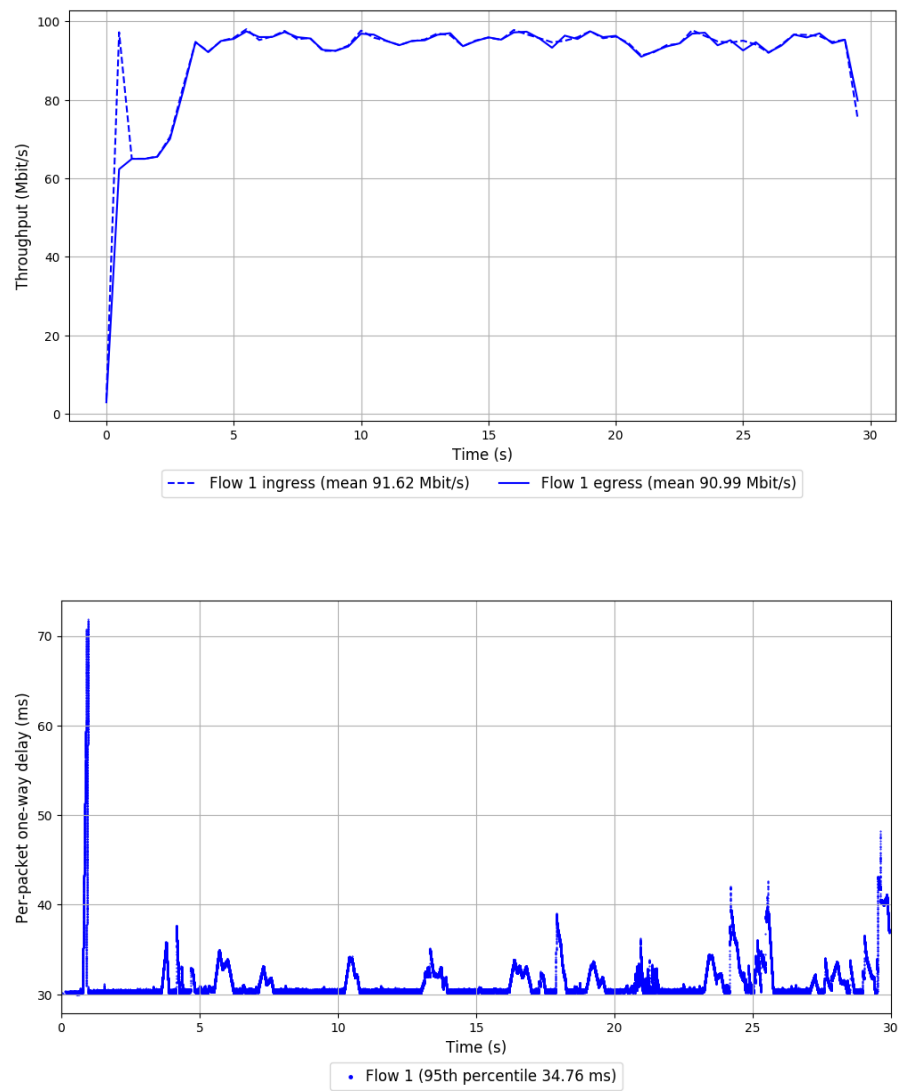
-- Flow 1:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 34.755 ms

Loss rate: 0.67%

Run 4: Report of PCC — Data Link

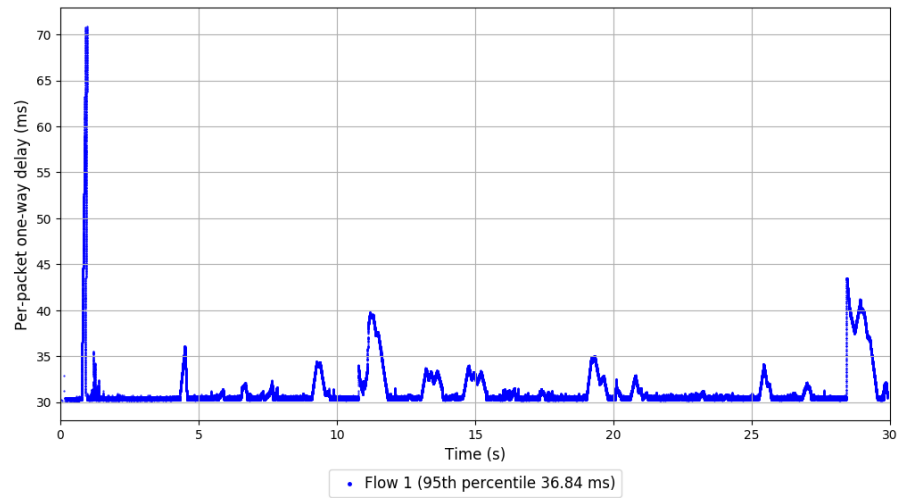
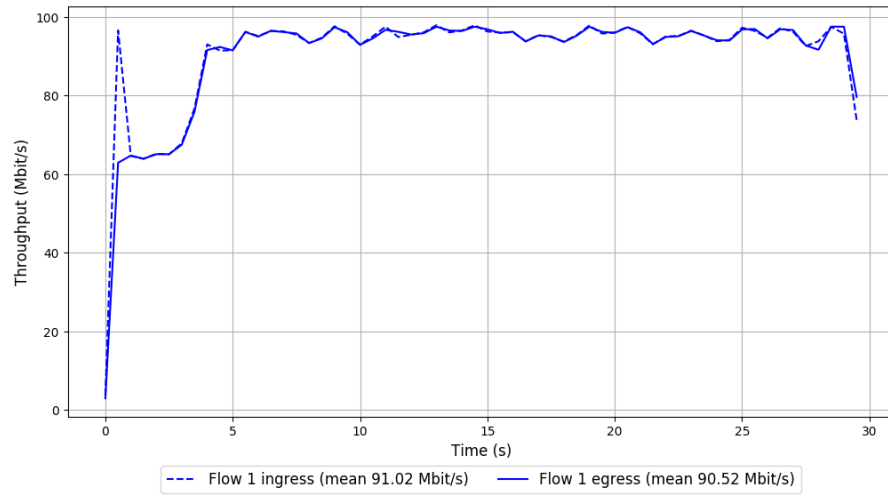


Run 5: Statistics of PCC

Start at: 2018-01-25 10:52:41  
End at: 2018-01-25 10:53:11  
Local clock offset: 1.474 ms  
Remote clock offset: -1.092 ms

# Below is generated by plot.py at 2018-01-25 13:17:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.52 Mbit/s  
95th percentile per-packet one-way delay: 36.844 ms  
Loss rate: 0.56%  
-- Flow 1:  
Average throughput: 90.52 Mbit/s  
95th percentile per-packet one-way delay: 36.844 ms  
Loss rate: 0.56%

### Run 5: Report of PCC — Data Link

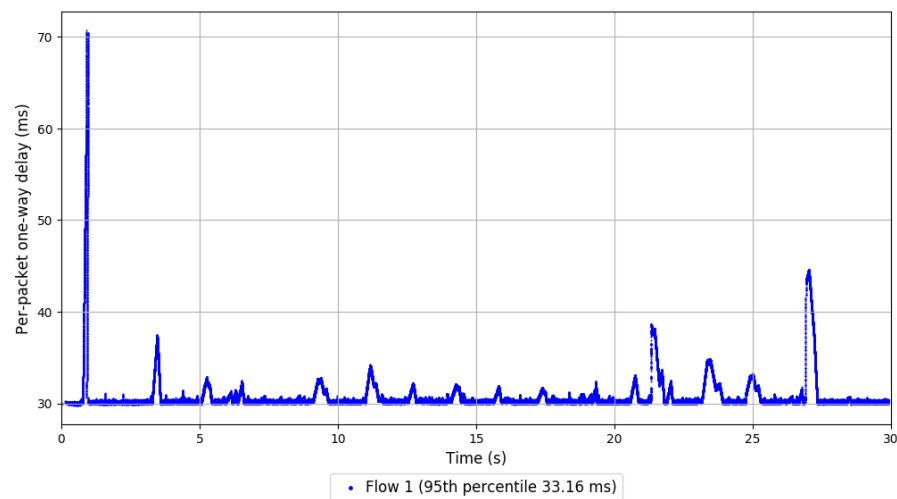
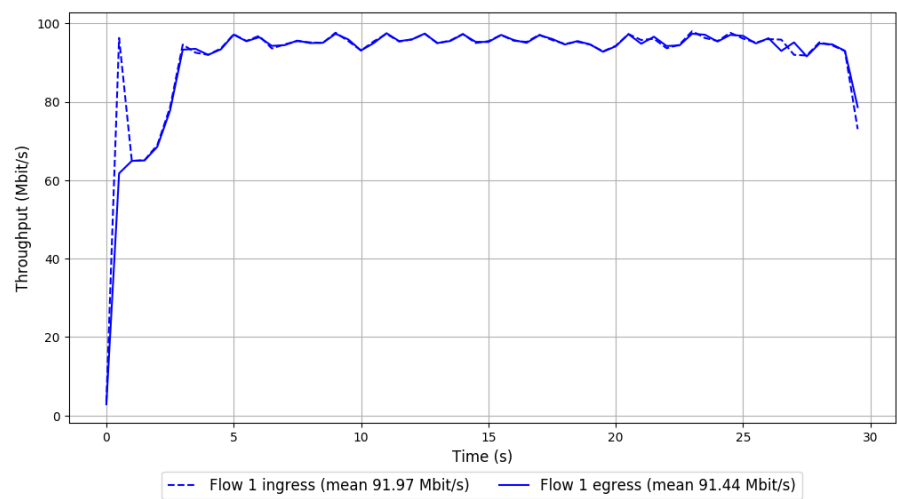


Run 6: Statistics of PCC

Start at: 2018-01-25 11:13:58  
End at: 2018-01-25 11:14:28  
Local clock offset: 1.432 ms  
Remote clock offset: -1.425 ms

# Below is generated by plot.py at 2018-01-25 13:17:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.44 Mbit/s  
95th percentile per-packet one-way delay: 33.155 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 91.44 Mbit/s  
95th percentile per-packet one-way delay: 33.155 ms  
Loss rate: 0.57%

Run 6: Report of PCC — Data Link



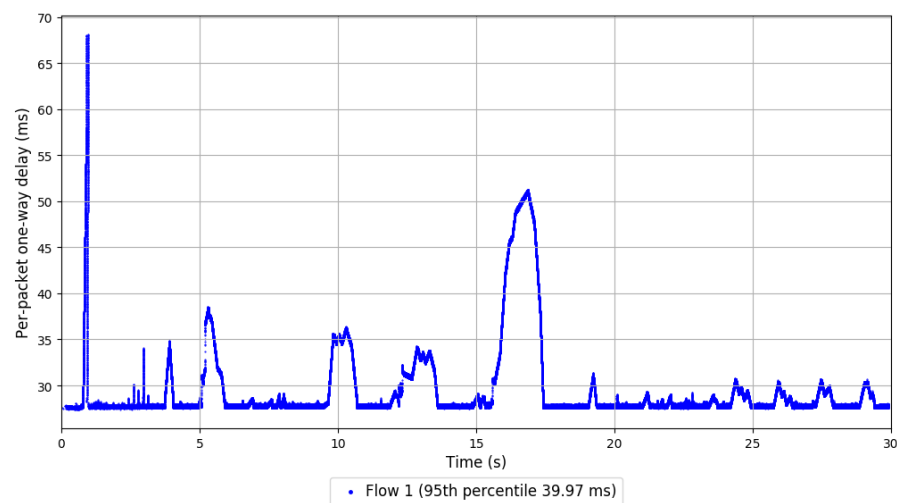
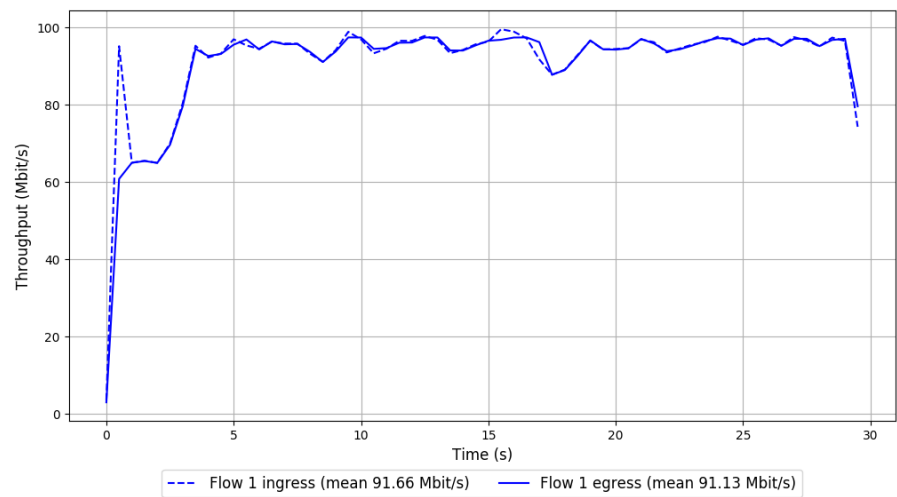
Run 7: Statistics of PCC

Start at: 2018-01-25 11:35:20  
End at: 2018-01-25 11:35:50  
Local clock offset: 1.542 ms  
Remote clock offset: -3.914 ms

# Below is generated by plot.py at 2018-01-25 13:17:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.13 Mbit/s  
95th percentile per-packet one-way delay: 39.973 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 91.13 Mbit/s  
95th percentile per-packet one-way delay: 39.973 ms  
Loss rate: 0.57%



Run 7: Report of PCC — Data Link

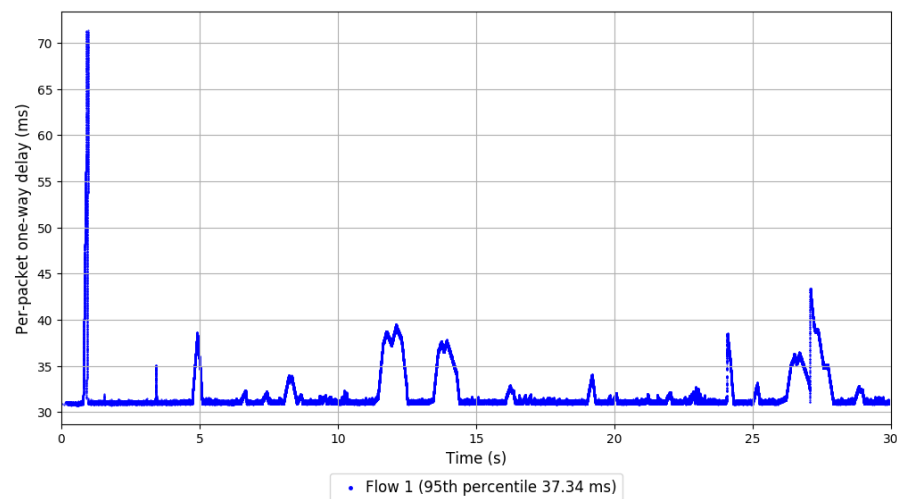
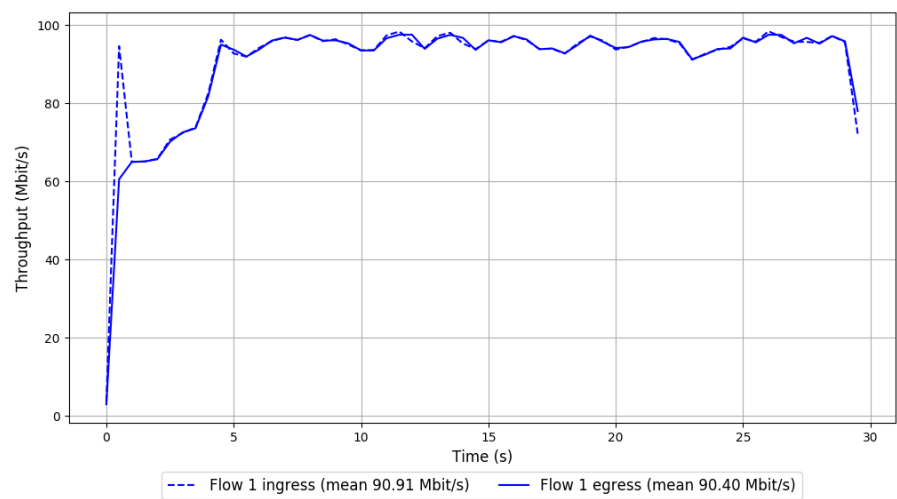


Run 8: Statistics of PCC

Start at: 2018-01-25 11:56:42  
End at: 2018-01-25 11:57:12  
Local clock offset: 1.476 ms  
Remote clock offset: -1.236 ms

# Below is generated by plot.py at 2018-01-25 13:18:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.40 Mbit/s  
95th percentile per-packet one-way delay: 37.342 ms  
Loss rate: 0.57%  
-- Flow 1:  
Average throughput: 90.40 Mbit/s  
95th percentile per-packet one-way delay: 37.342 ms  
Loss rate: 0.57%

Run 8: Report of PCC — Data Link

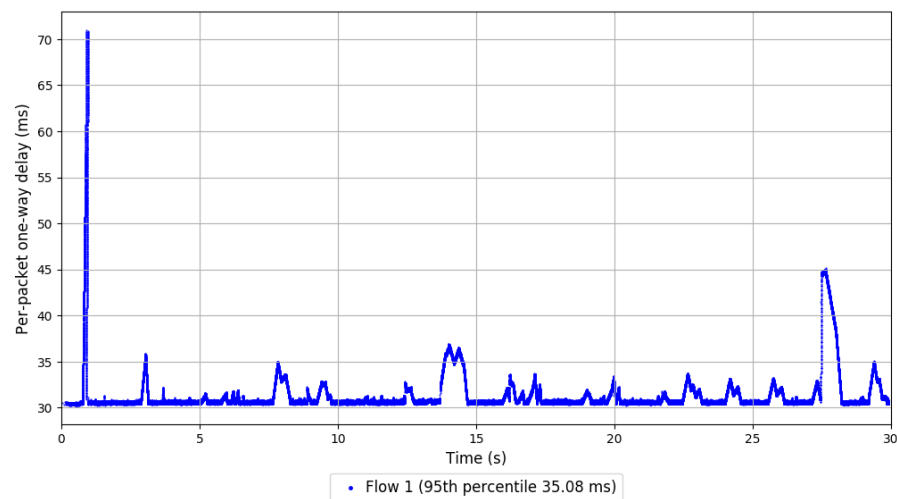
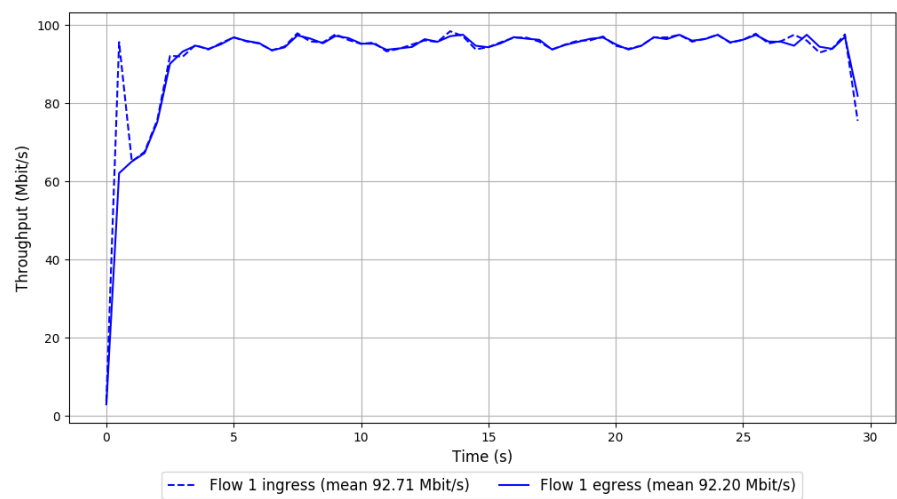


Run 9: Statistics of PCC

Start at: 2018-01-25 12:18:13  
End at: 2018-01-25 12:18:43  
Local clock offset: 1.514 ms  
Remote clock offset: -1.692 ms

# Below is generated by plot.py at 2018-01-25 13:18:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.20 Mbit/s  
95th percentile per-packet one-way delay: 35.075 ms  
Loss rate: 0.55%  
-- Flow 1:  
Average throughput: 92.20 Mbit/s  
95th percentile per-packet one-way delay: 35.075 ms  
Loss rate: 0.55%

Run 9: Report of PCC — Data Link

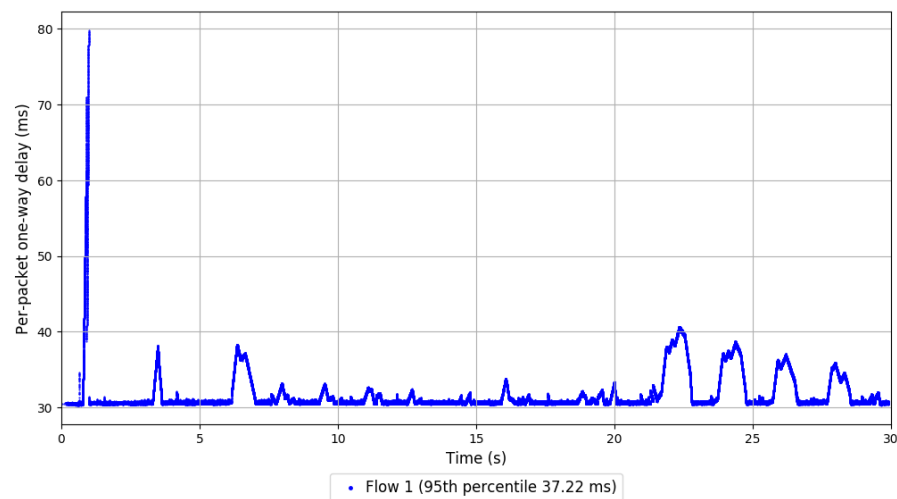
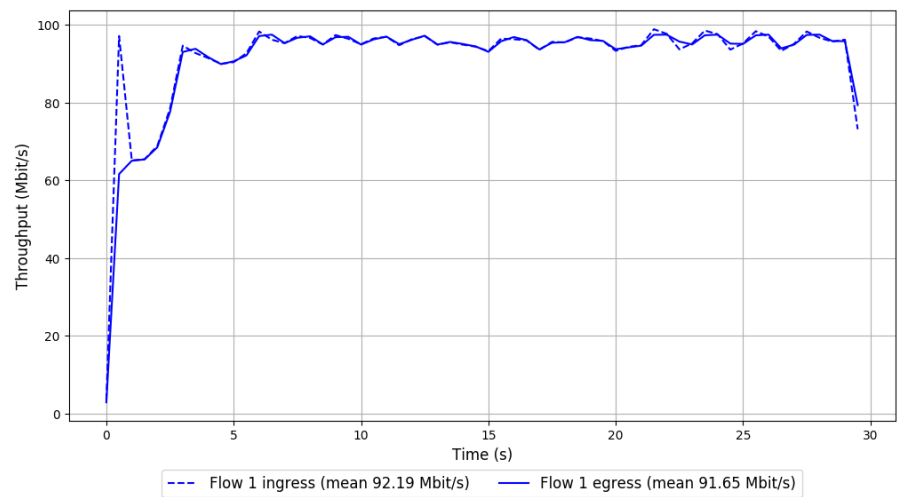


Run 10: Statistics of PCC

Start at: 2018-01-25 12:39:30  
End at: 2018-01-25 12:40:00  
Local clock offset: 1.546 ms  
Remote clock offset: -1.563 ms

# Below is generated by plot.py at 2018-01-25 13:18:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.65 Mbit/s  
95th percentile per-packet one-way delay: 37.217 ms  
Loss rate: 0.58%  
-- Flow 1:  
Average throughput: 91.65 Mbit/s  
95th percentile per-packet one-way delay: 37.217 ms  
Loss rate: 0.58%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

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

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

Local clock offset: 1.778 ms

Remote clock offset: -2.174 ms

# Below is generated by plot.py at 2018-01-25 13:18:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.08 Mbit/s

95th percentile per-packet one-way delay: 28.804 ms

Loss rate: 0.03%

-- Flow 1:

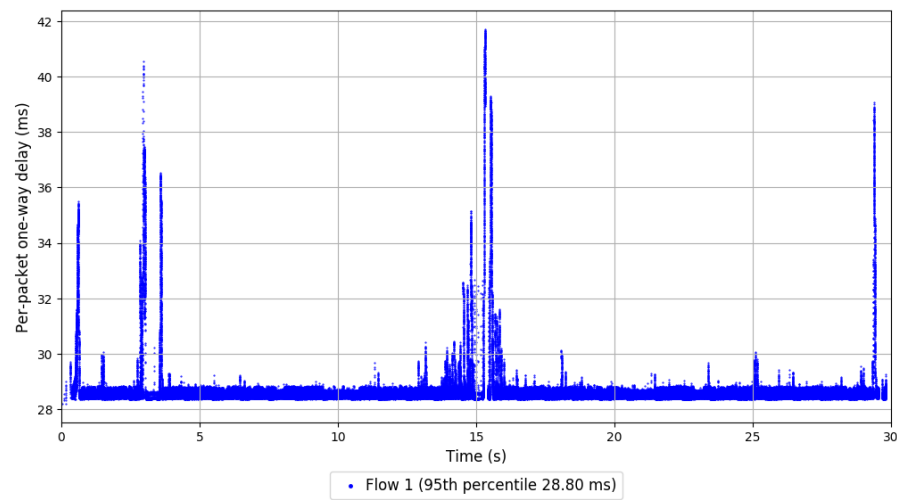
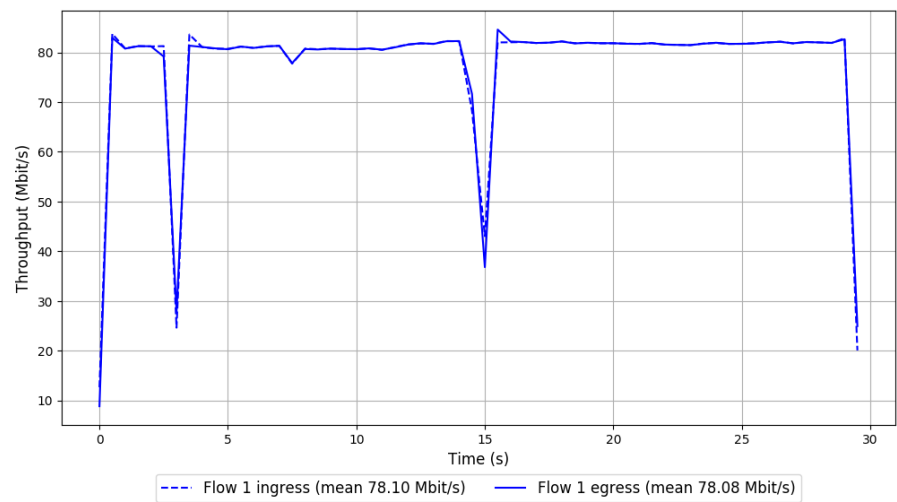
Average throughput: 78.08 Mbit/s

95th percentile per-packet one-way delay: 28.804 ms

Loss rate: 0.03%



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-25 09:47:23

End at: 2018-01-25 09:47:53

Local clock offset: 1.68 ms

Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2018-01-25 13:18:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 66.556 ms

Loss rate: 1.00%

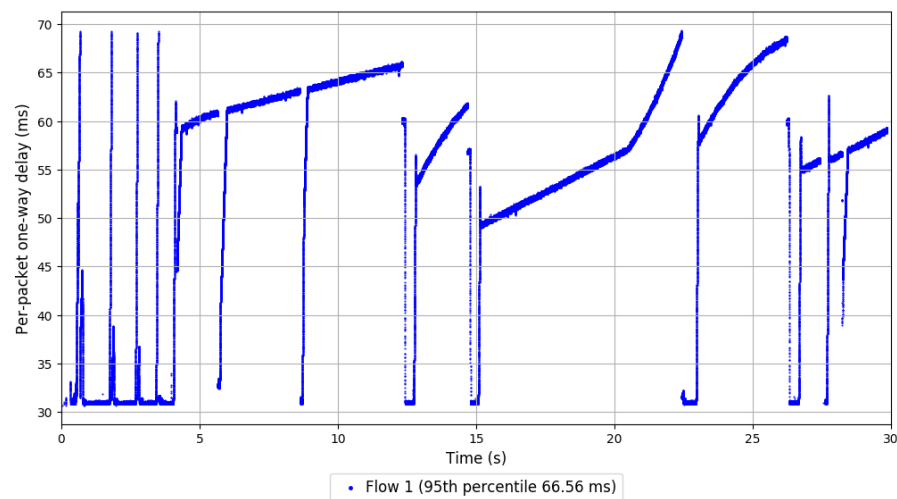
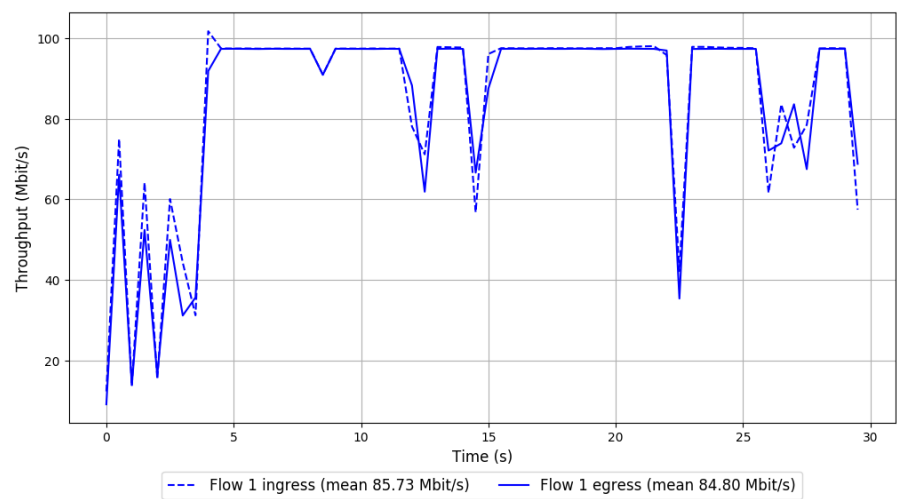
-- Flow 1:

Average throughput: 84.80 Mbit/s

95th percentile per-packet one-way delay: 66.556 ms

Loss rate: 1.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-25 10:08:42

End at: 2018-01-25 10:09:12

Local clock offset: 1.438 ms

Remote clock offset: -1.62 ms

# Below is generated by plot.py at 2018-01-25 13:18:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.53 Mbit/s

95th percentile per-packet one-way delay: 31.350 ms

Loss rate: 0.00%

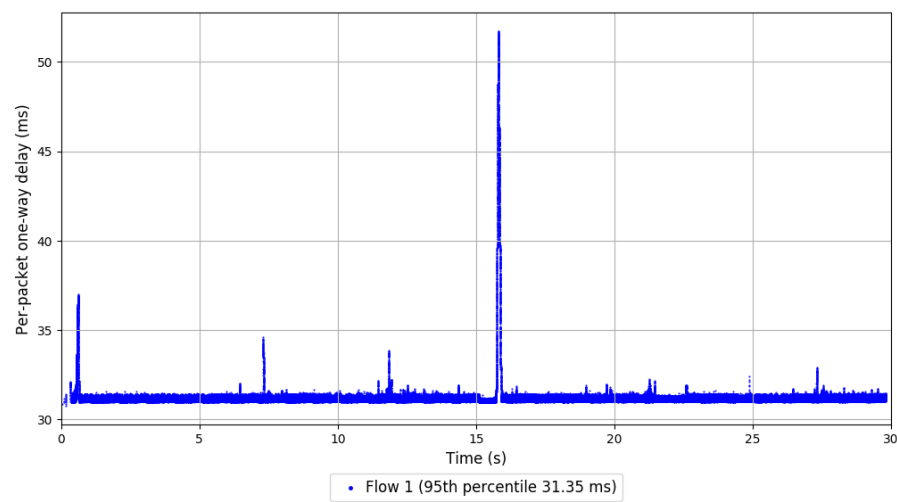
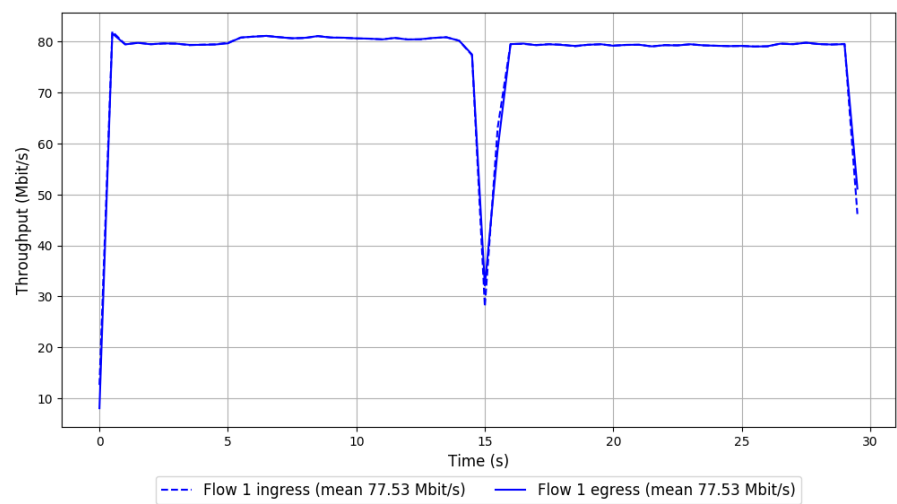
-- Flow 1:

Average throughput: 77.53 Mbit/s

95th percentile per-packet one-way delay: 31.350 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-25 10:30:08

End at: 2018-01-25 10:30:38

Local clock offset: 1.424 ms

Remote clock offset: -3.895 ms

# Below is generated by plot.py at 2018-01-25 13:19:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.33 Mbit/s

95th percentile per-packet one-way delay: 29.214 ms

Loss rate: 0.05%

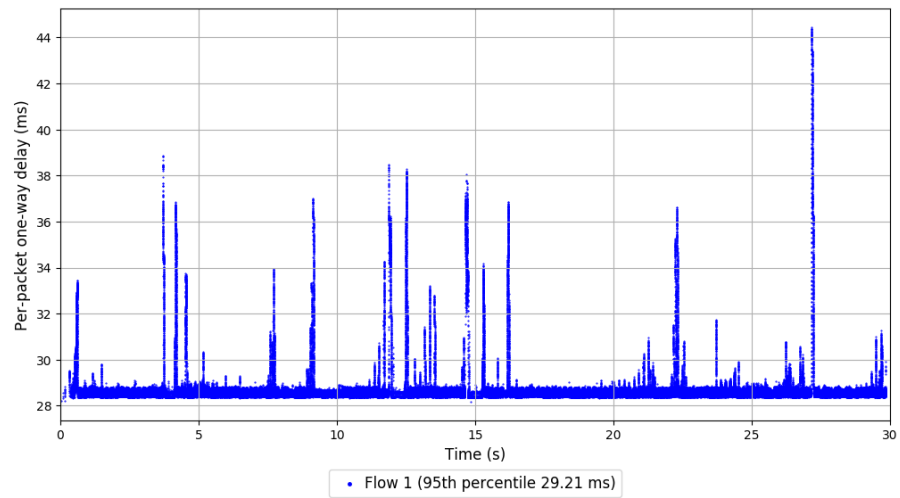
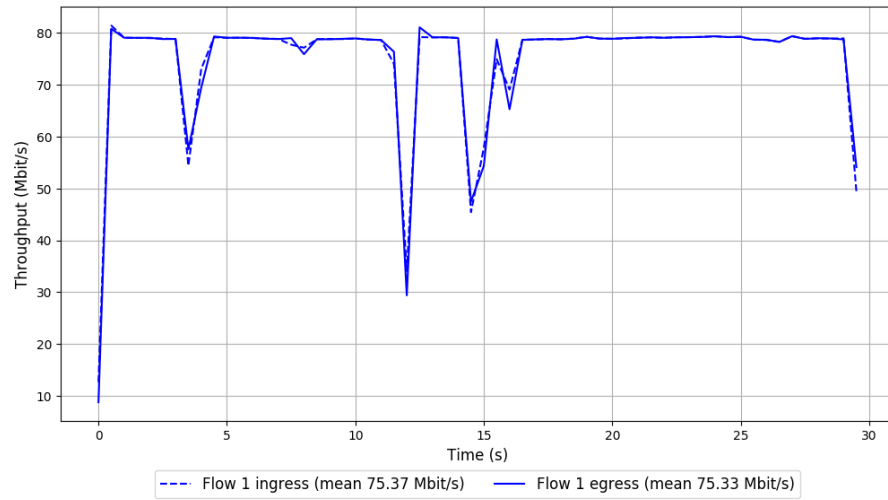
-- Flow 1:

Average throughput: 75.33 Mbit/s

95th percentile per-packet one-way delay: 29.214 ms

Loss rate: 0.05%

#### Run 4: Report of QUIC Cubic — Data Link



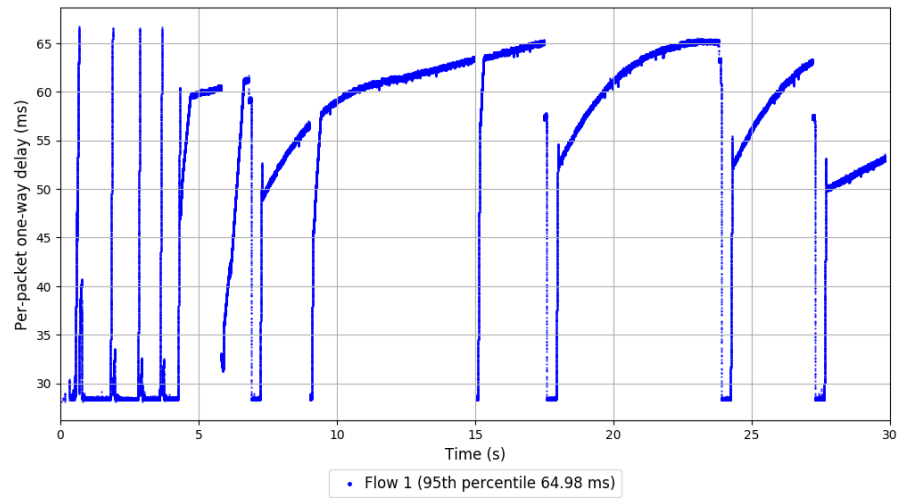
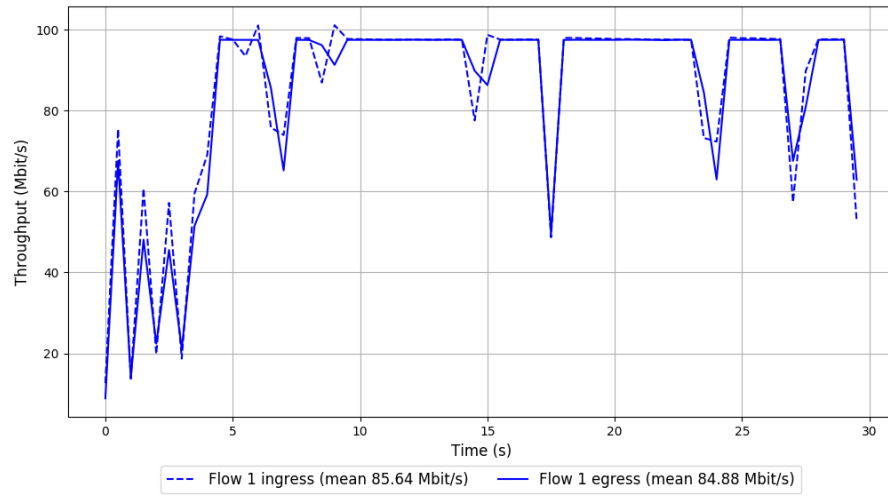
Run 5: Statistics of QUIC Cubic

Start at: 2018-01-25 10:51:21  
End at: 2018-01-25 10:51:51  
Local clock offset: 1.437 ms  
Remote clock offset: -3.763 ms

# Below is generated by plot.py at 2018-01-25 13:19:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 84.88 Mbit/s  
95th percentile per-packet one-way delay: 64.984 ms  
Loss rate: 0.80%  
-- Flow 1:  
Average throughput: 84.88 Mbit/s  
95th percentile per-packet one-way delay: 64.984 ms  
Loss rate: 0.80%



### Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

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

End at: 2018-01-25 11:13:08

Local clock offset: 1.457 ms

Remote clock offset: -1.049 ms

# Below is generated by plot.py at 2018-01-25 13:19:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.96 Mbit/s

95th percentile per-packet one-way delay: 64.854 ms

Loss rate: 0.86%

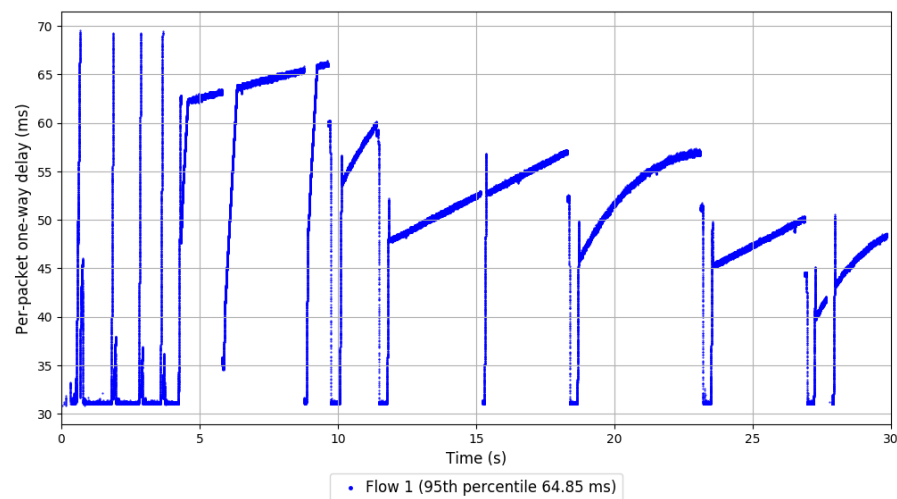
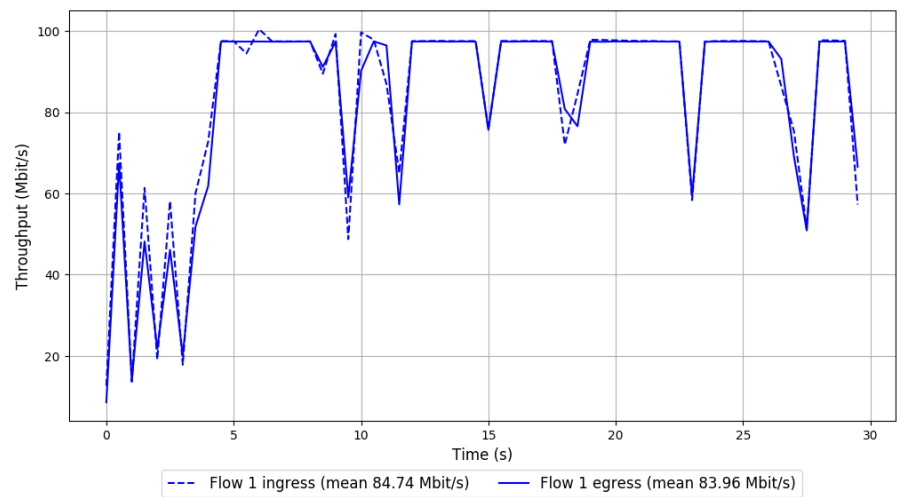
-- Flow 1:

Average throughput: 83.96 Mbit/s

95th percentile per-packet one-way delay: 64.854 ms

Loss rate: 0.86%

Run 6: Report of QUIC Cubic — Data Link

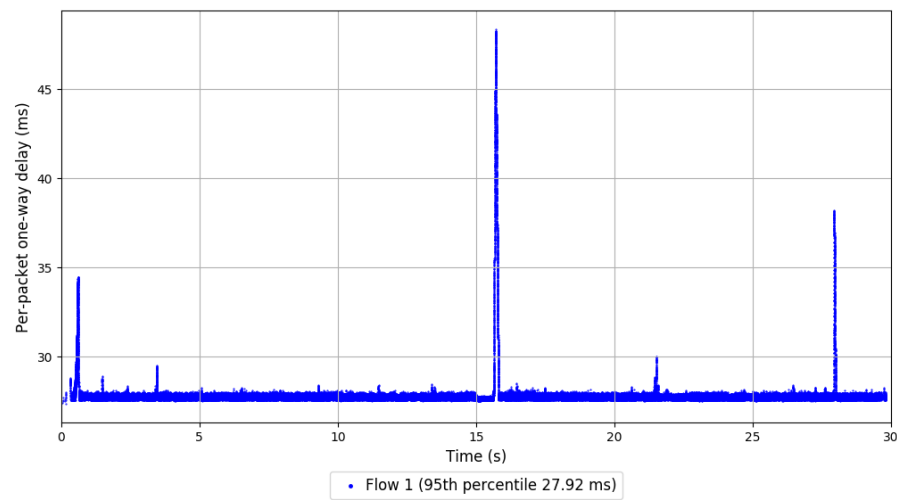
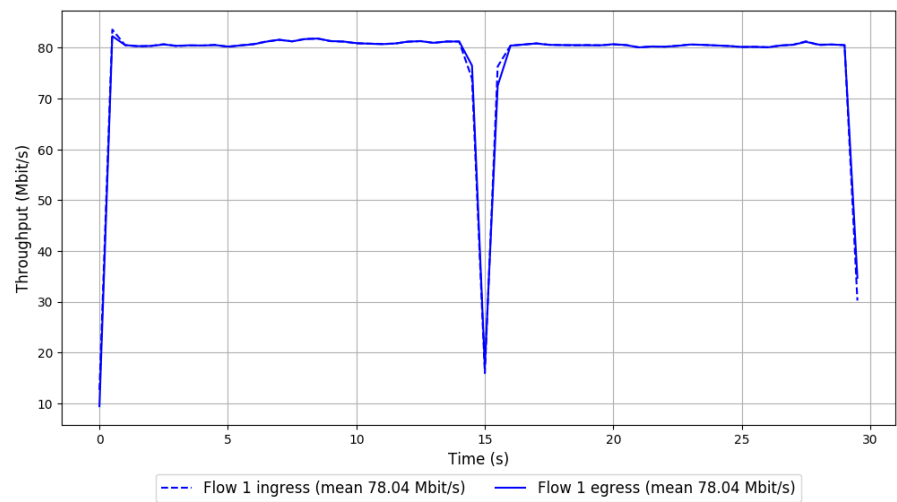


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-25 11:34:00  
End at: 2018-01-25 11:34:30  
Local clock offset: 1.56 ms  
Remote clock offset: -3.936 ms

# Below is generated by plot.py at 2018-01-25 13:19:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.04 Mbit/s  
95th percentile per-packet one-way delay: 27.924 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 78.04 Mbit/s  
95th percentile per-packet one-way delay: 27.924 ms  
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

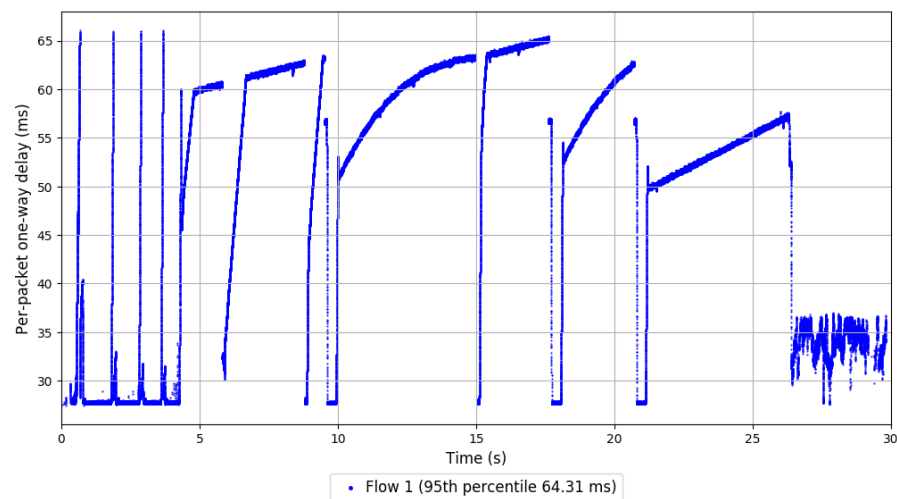
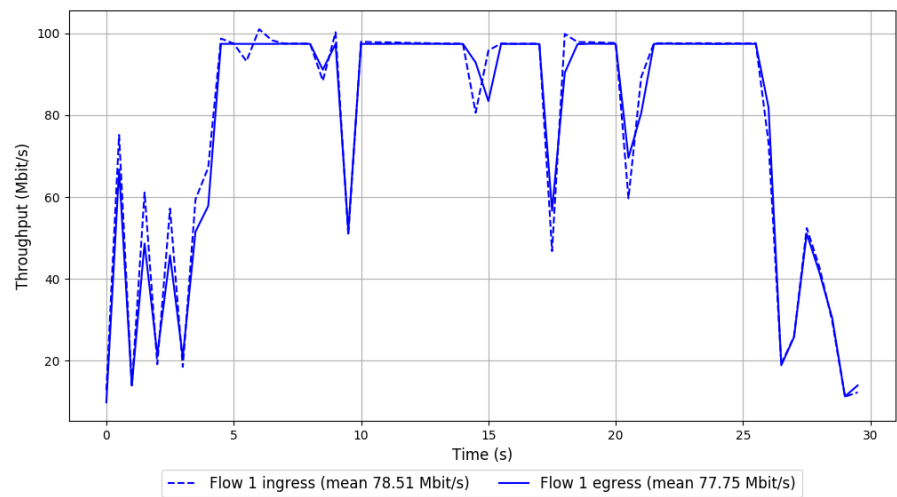


Run 8: Statistics of QUIC Cubic

Start at: 2018-01-25 11:55:21  
End at: 2018-01-25 11:55:51  
Local clock offset: 1.499 ms  
Remote clock offset: -3.746 ms

# Below is generated by plot.py at 2018-01-25 13:19:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 77.75 Mbit/s  
95th percentile per-packet one-way delay: 64.312 ms  
Loss rate: 0.95%  
-- Flow 1:  
Average throughput: 77.75 Mbit/s  
95th percentile per-packet one-way delay: 64.312 ms  
Loss rate: 0.95%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-25 12:16:53

End at: 2018-01-25 12:17:23

Local clock offset: 1.54 ms

Remote clock offset: -1.149 ms

# Below is generated by plot.py at 2018-01-25 13:19:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 78.09 Mbit/s

95th percentile per-packet one-way delay: 63.676 ms

Loss rate: 1.00%

-- Flow 1:

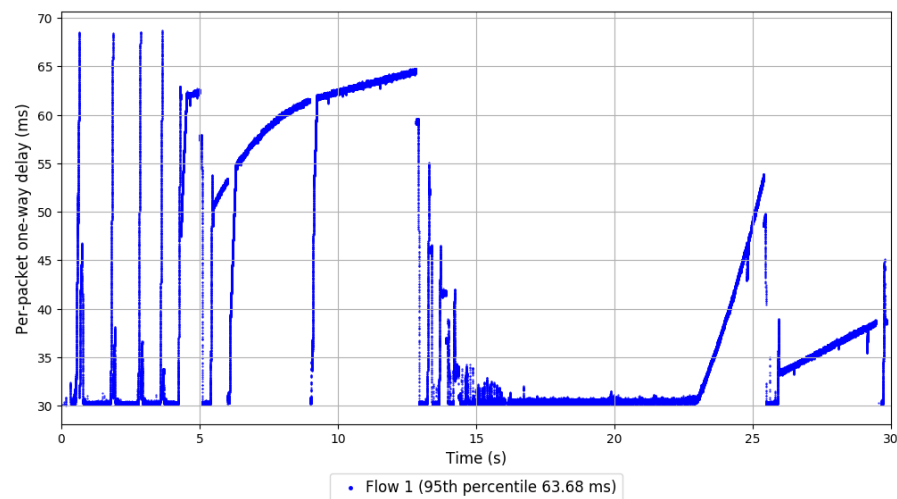
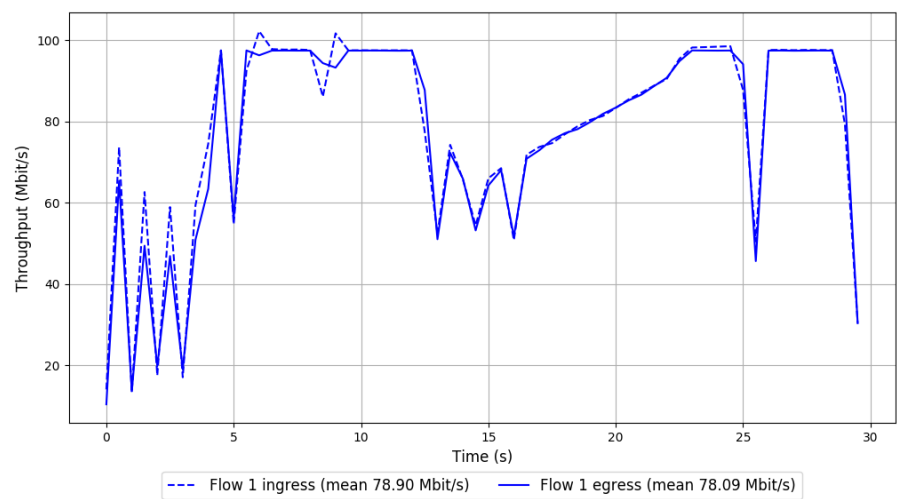
Average throughput: 78.09 Mbit/s

95th percentile per-packet one-way delay: 63.676 ms

Loss rate: 1.00%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-25 12:38:10

End at: 2018-01-25 12:38:40

Local clock offset: 1.541 ms

Remote clock offset: -1.529 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 83.46 Mbit/s

95th percentile per-packet one-way delay: 66.569 ms

Loss rate: 1.03%

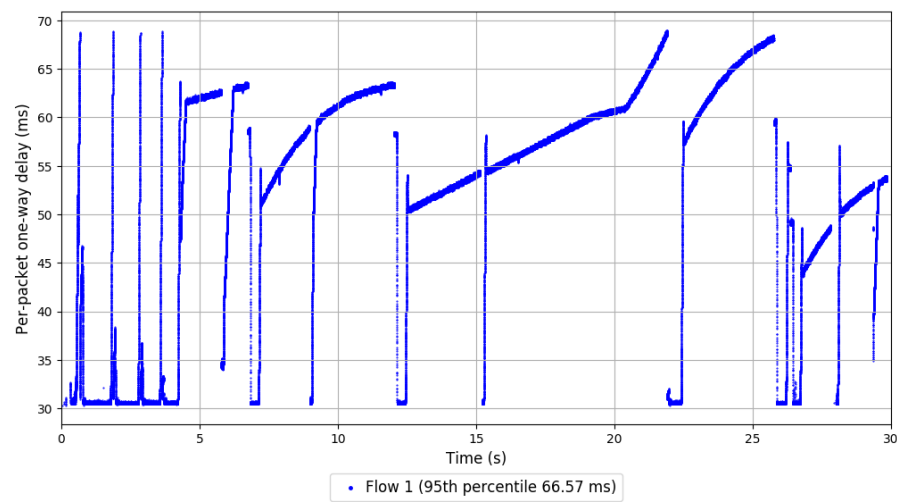
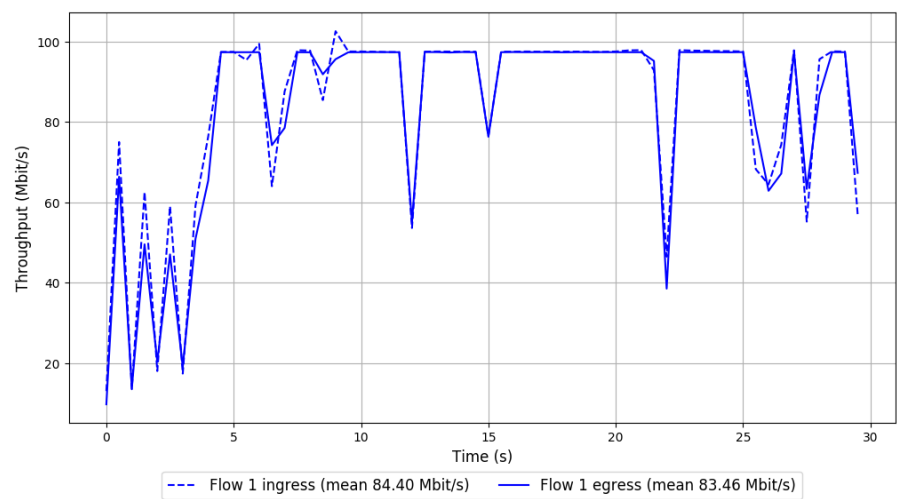
-- Flow 1:

Average throughput: 83.46 Mbit/s

95th percentile per-packet one-way delay: 66.569 ms

Loss rate: 1.03%

Run 10: Report of QUIC Cubic — Data Link

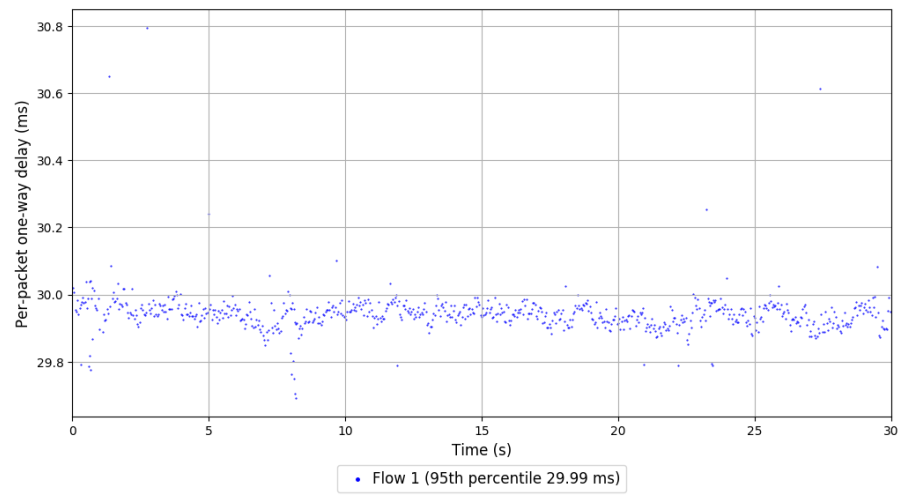
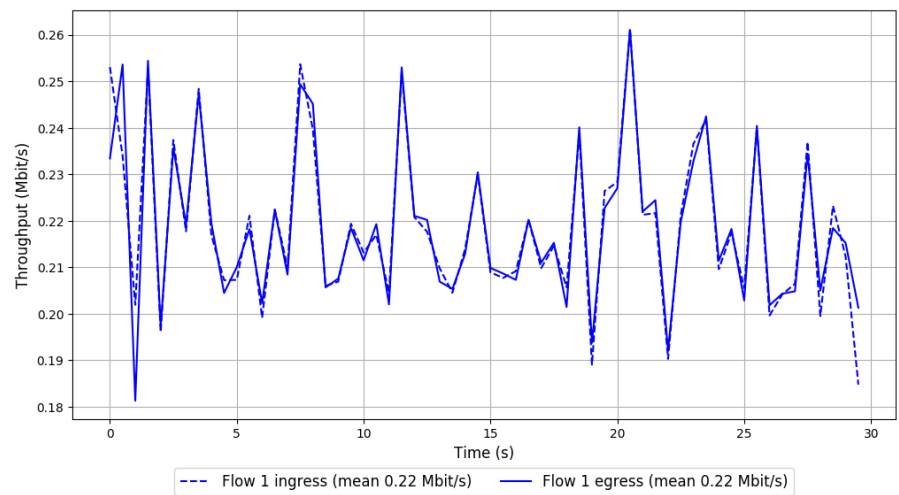


```
Run 1: Statistics of SCReAM

Start at: 2018-01-25 09:35:25
End at: 2018-01-25 09:35:55
Local clock offset: 1.755 ms
Remote clock offset: -0.096 ms

# Below is generated by plot.py at 2018-01-25 13:20:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.993 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

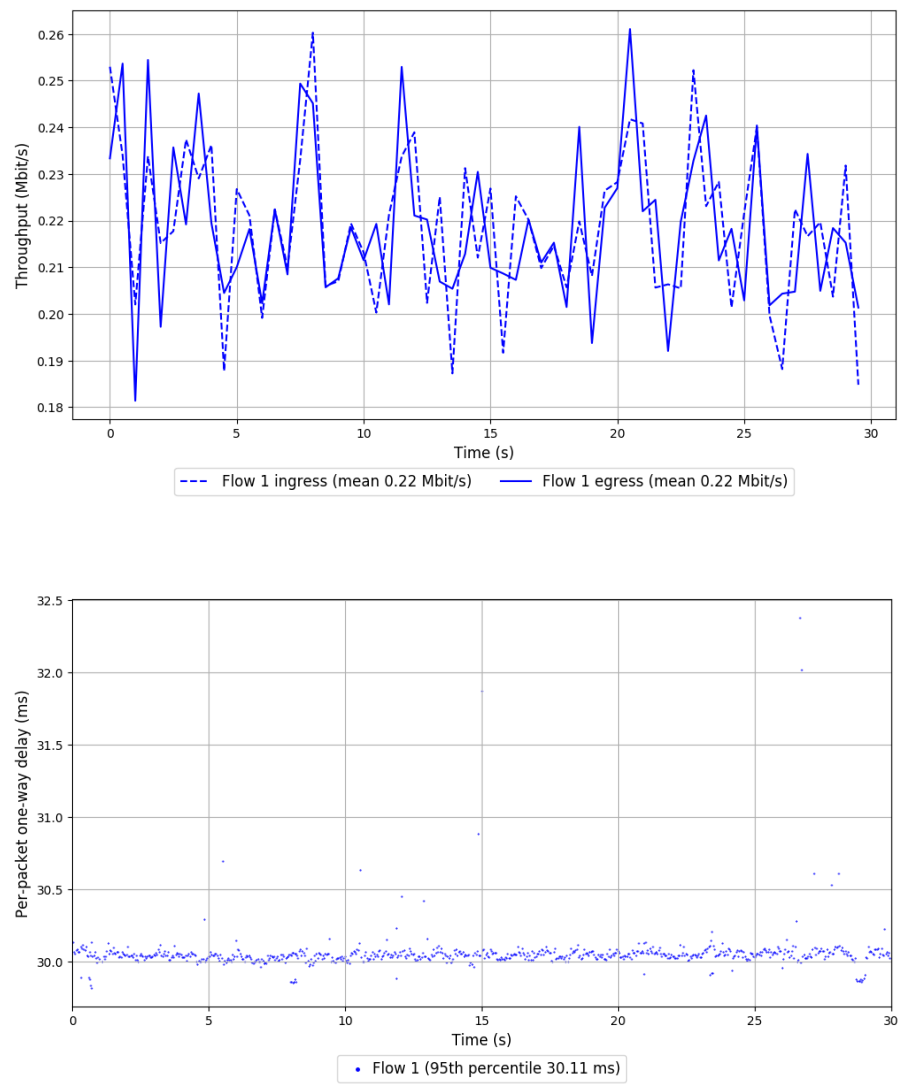


Run 2: Statistics of SCReAM

Start at: 2018-01-25 09:56:42  
End at: 2018-01-25 09:57:12  
Local clock offset: 1.532 ms  
Remote clock offset: -1.141 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.107 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.107 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



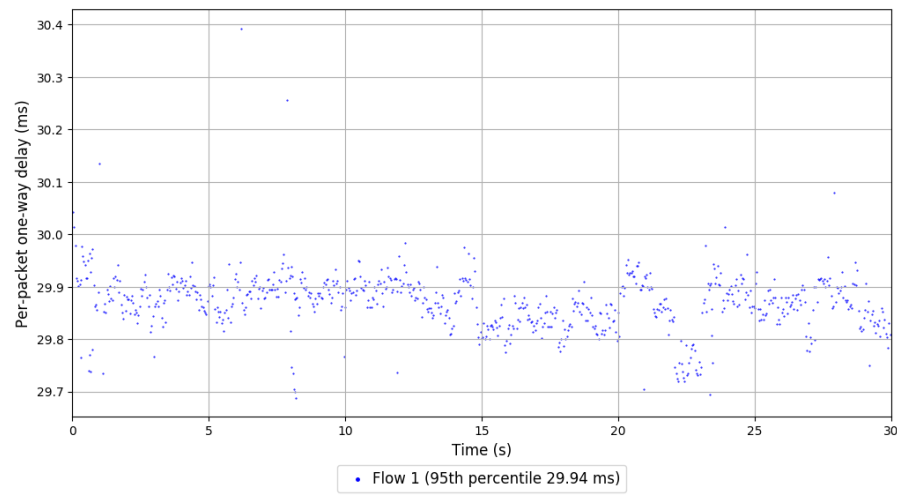
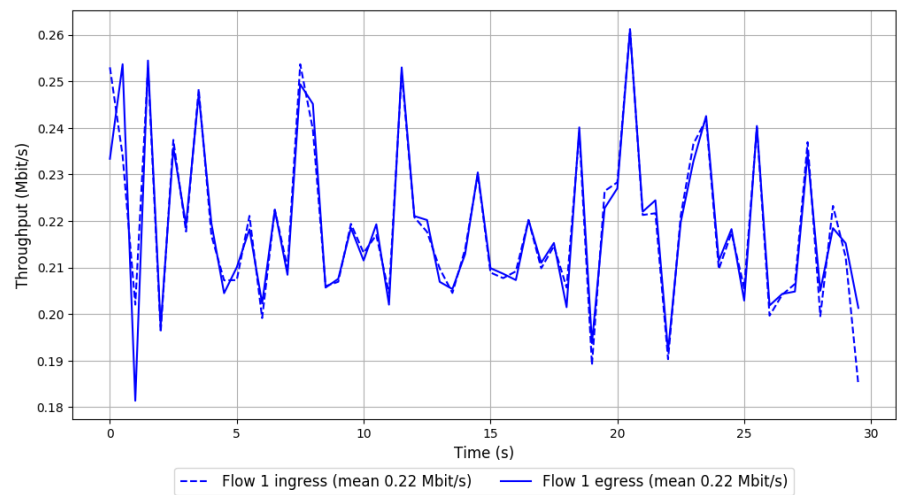
Run 3: Statistics of SCReAM

Start at: 2018-01-25 10:18:06  
End at: 2018-01-25 10:18:36  
Local clock offset: 1.411 ms  
Remote clock offset: -1.946 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 29.940 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 29.940 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

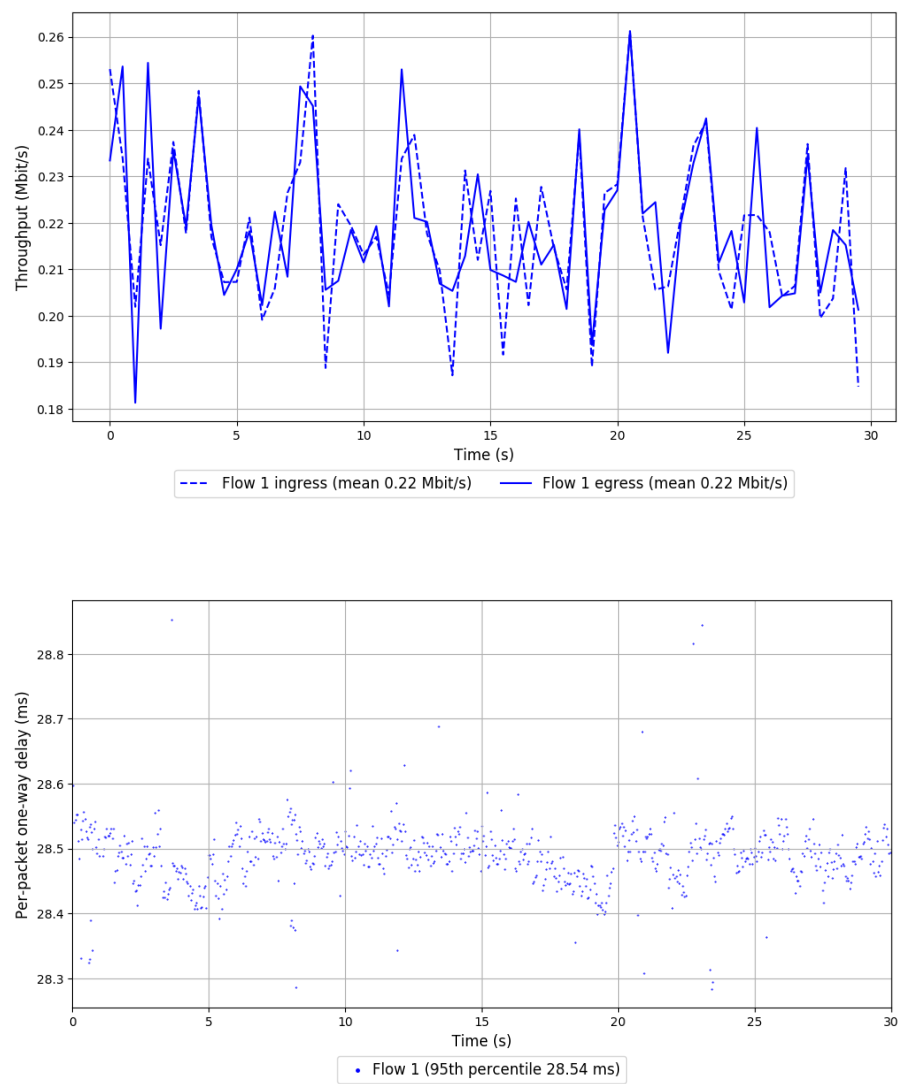


Run 4: Statistics of SCReAM

Start at: 2018-01-25 10:39:29  
End at: 2018-01-25 10:39:59  
Local clock offset: 1.532 ms  
Remote clock offset: -3.754 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 28.544 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 28.544 ms  
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

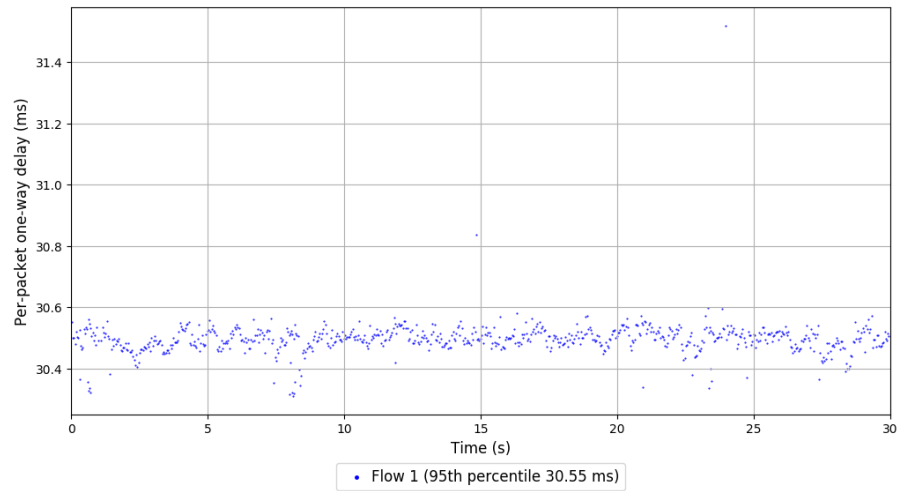
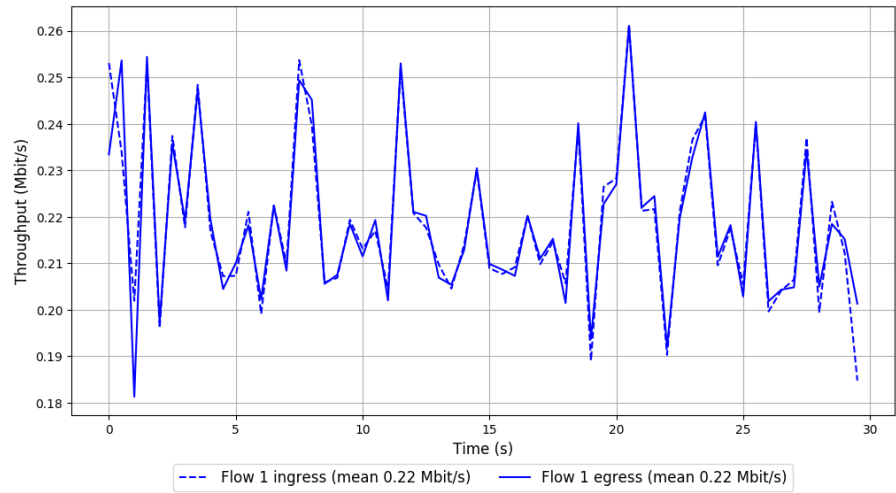


Run 5: Statistics of SCReAM

Start at: 2018-01-25 11:00:42  
End at: 2018-01-25 11:01:12  
Local clock offset: 1.527 ms  
Remote clock offset: -1.609 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.548 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.548 ms  
Loss rate: 0.00%

## Run 5: Report of SReAM — Data Link

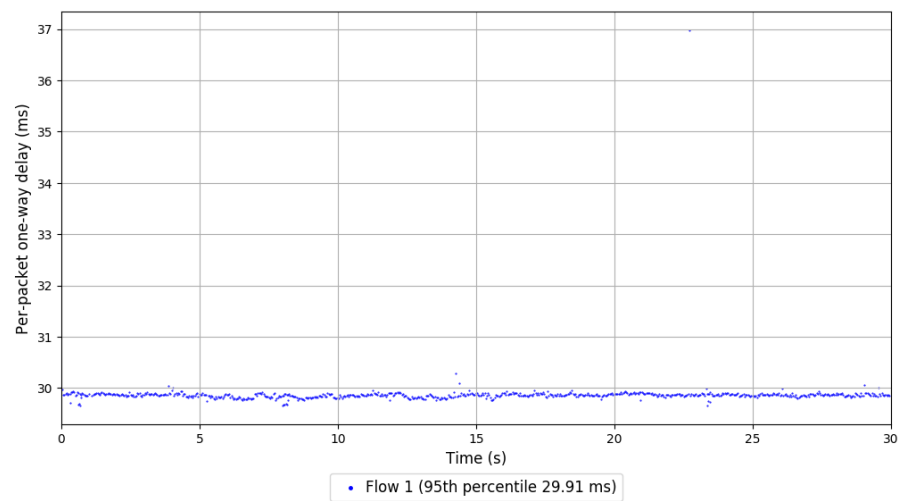
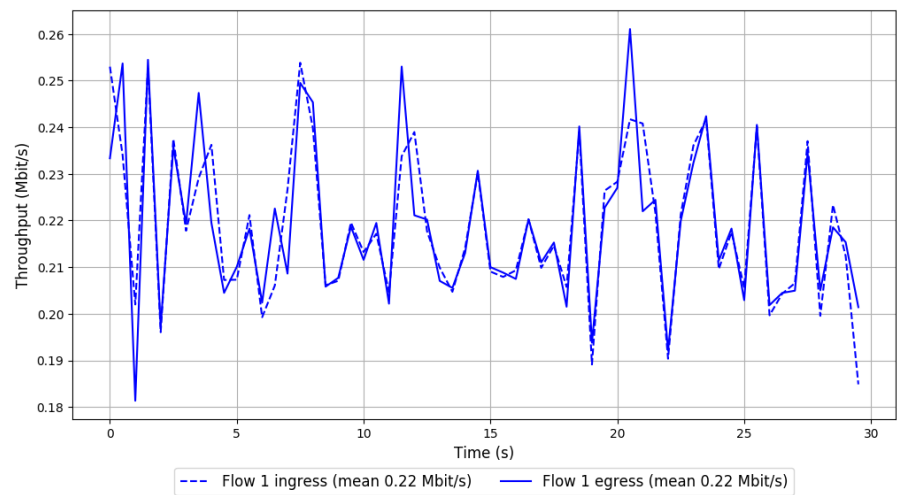


Run 6: Statistics of SCReAM

Start at: 2018-01-25 11:21:59  
End at: 2018-01-25 11:22:29  
Local clock offset: 1.512 ms  
Remote clock offset: -1.741 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 29.915 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 29.915 ms  
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



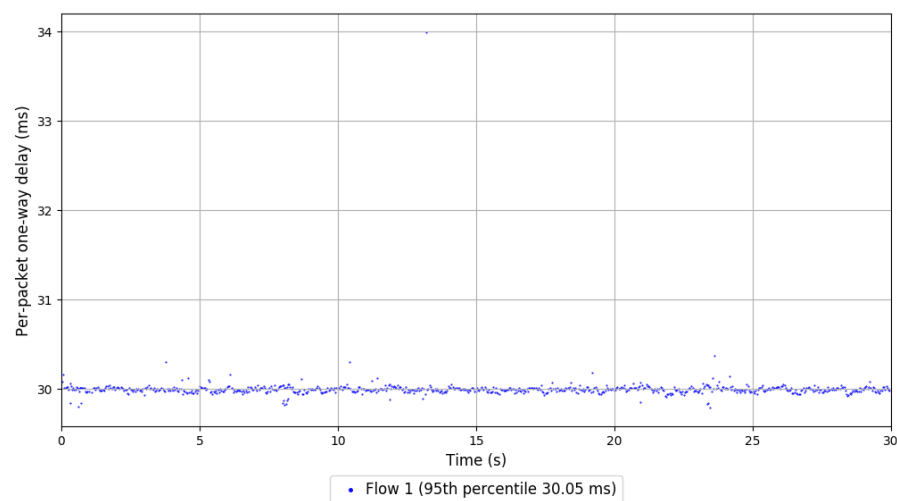
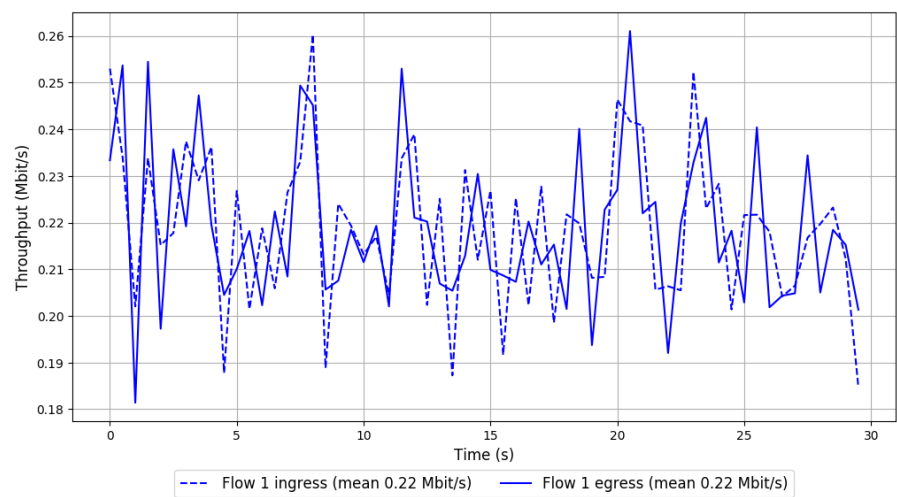
Run 7: Statistics of SCReAM

Start at: 2018-01-25 11:43:20  
End at: 2018-01-25 11:43:50  
Local clock offset: 1.454 ms  
Remote clock offset: -1.646 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.046 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.046 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

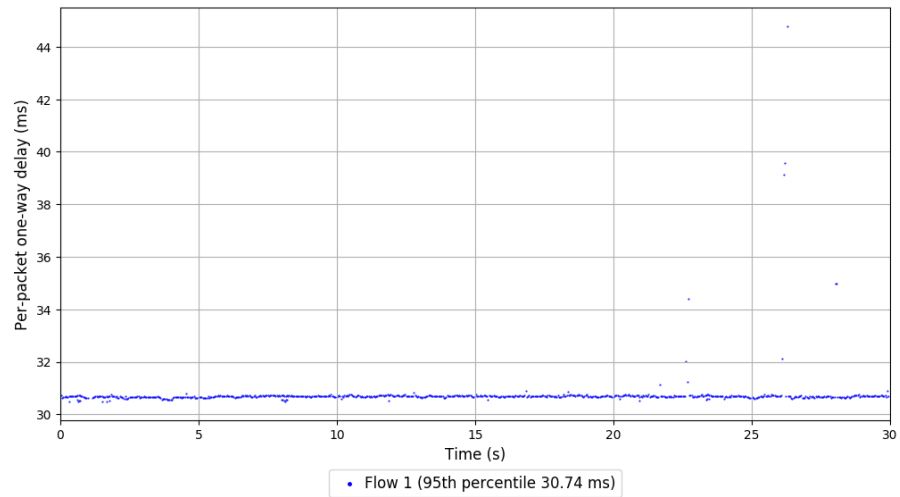
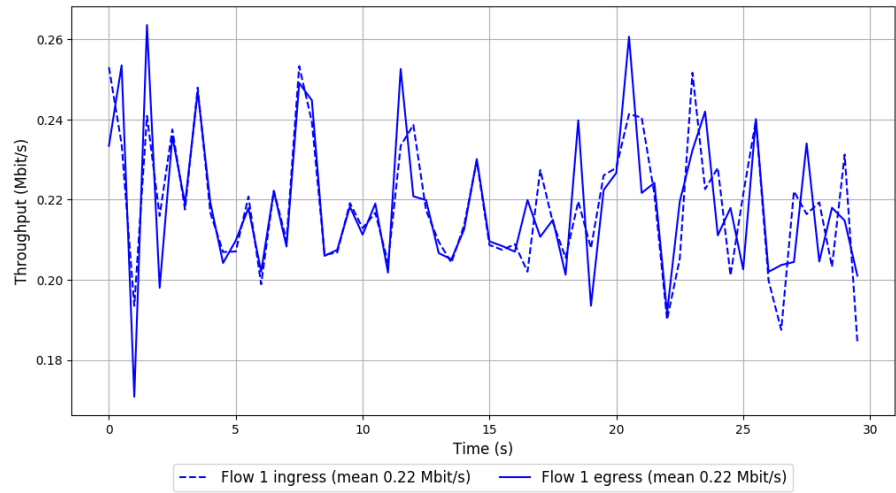


Run 8: Statistics of SCReAM

Start at: 2018-01-25 12:04:45  
End at: 2018-01-25 12:05:15  
Local clock offset: 1.512 ms  
Remote clock offset: -1.547 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.743 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 30.743 ms  
Loss rate: 0.00%

## Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-01-25 12:26:13

End at: 2018-01-25 12:26:43

Local clock offset: 1.54 ms

Remote clock offset: -1.17 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.353 ms

Loss rate: 0.00%

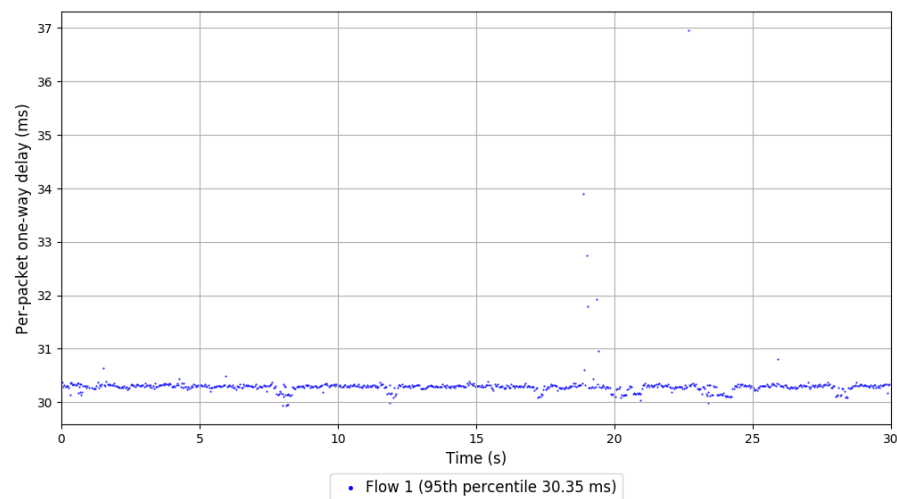
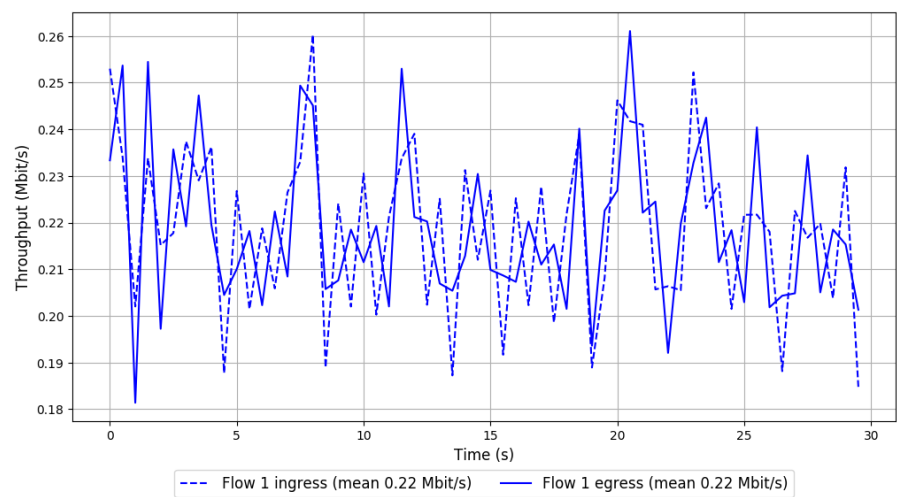
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.353 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-01-25 12:47:27

End at: 2018-01-25 12:47:57

Local clock offset: 1.455 ms

Remote clock offset: -1.081 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 31.161 ms

Loss rate: 0.00%

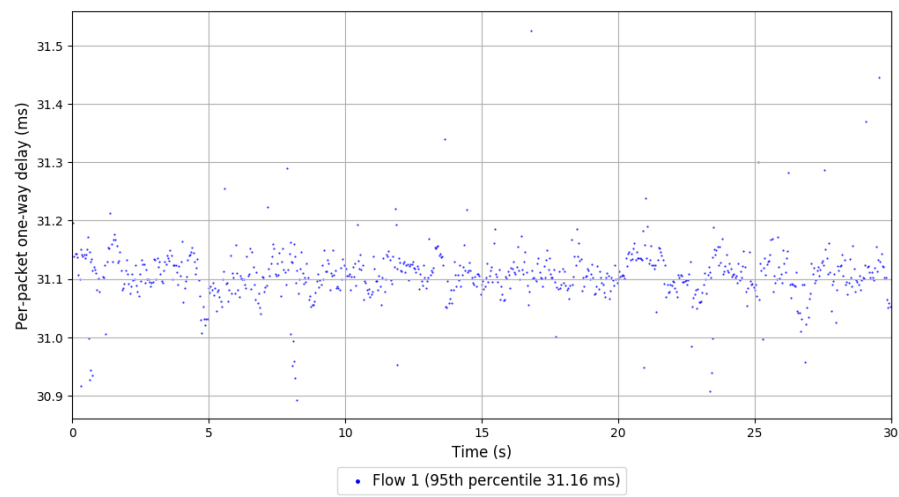
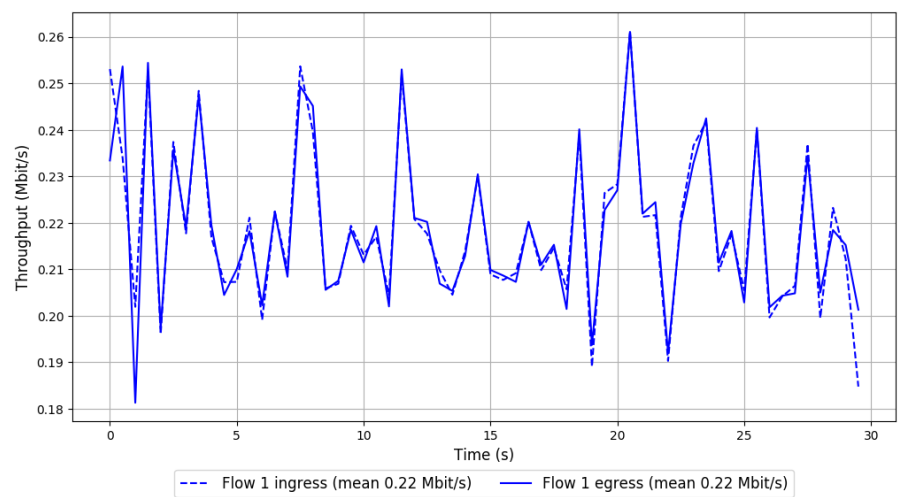
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 31.161 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-01-25 09:23:27

End at: 2018-01-25 09:23:57

Local clock offset: 1.712 ms

Remote clock offset: -0.091 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 31.323 ms

Loss rate: 0.00%

-- Flow 1:

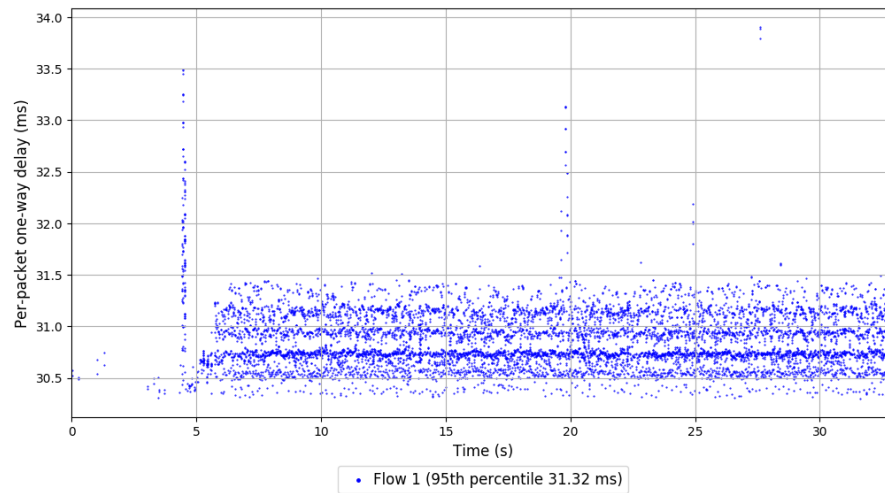
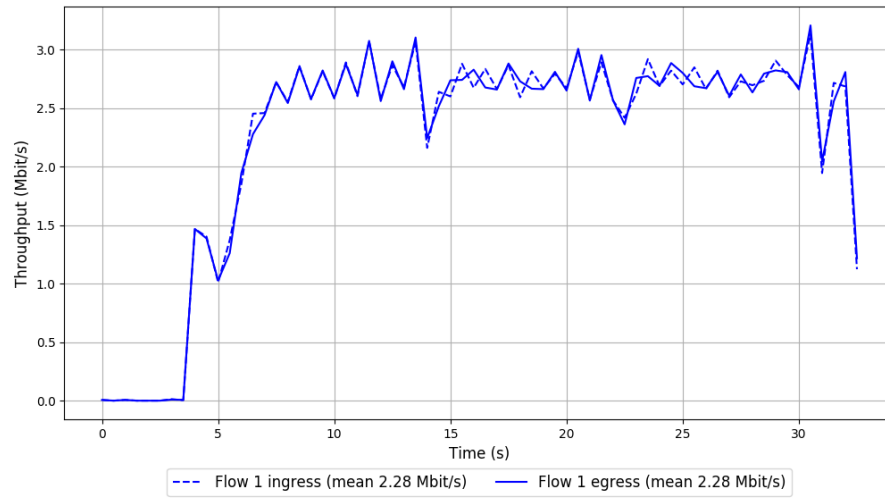
Average throughput: 2.28 Mbit/s

95th percentile per-packet one-way delay: 31.323 ms

Loss rate: 0.00%



# Run 1: Report of WebRTC media — Data Link

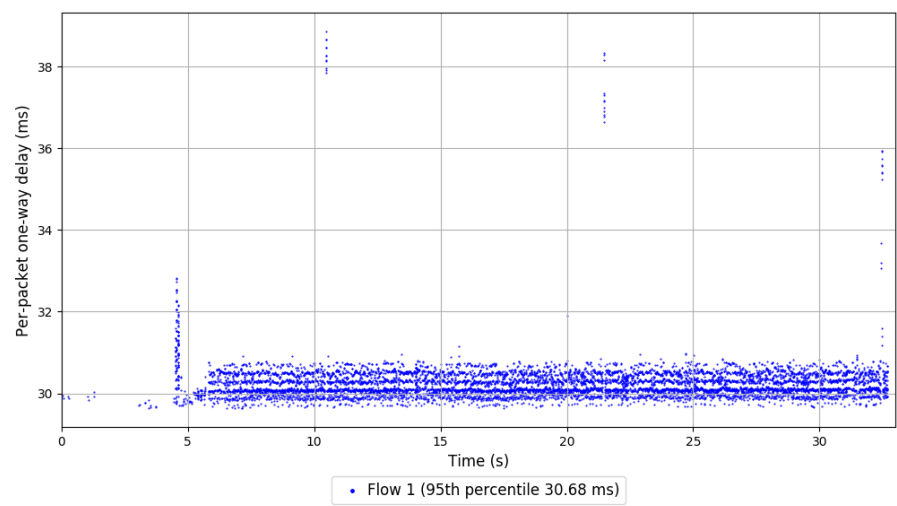
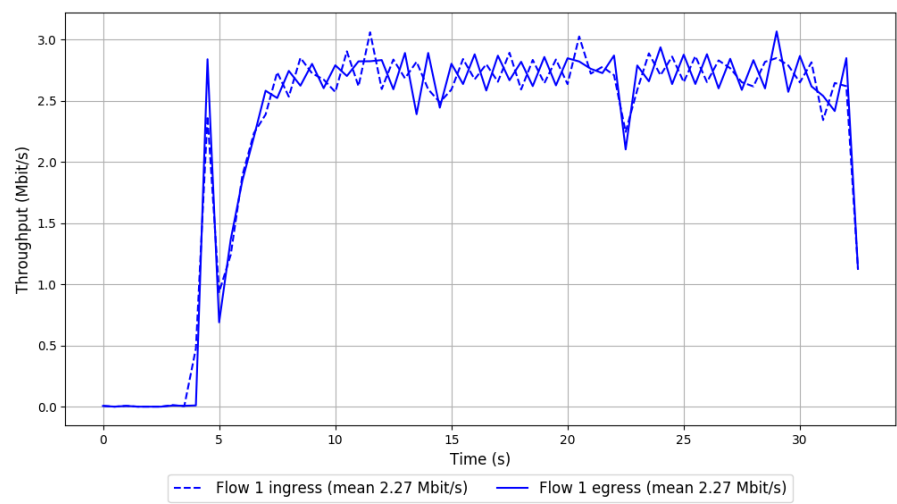


Run 2: Statistics of WebRTC media

Start at: 2018-01-25 09:44:45  
End at: 2018-01-25 09:45:15  
Local clock offset: 1.7 ms  
Remote clock offset: -0.232 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 30.684 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 30.684 ms  
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

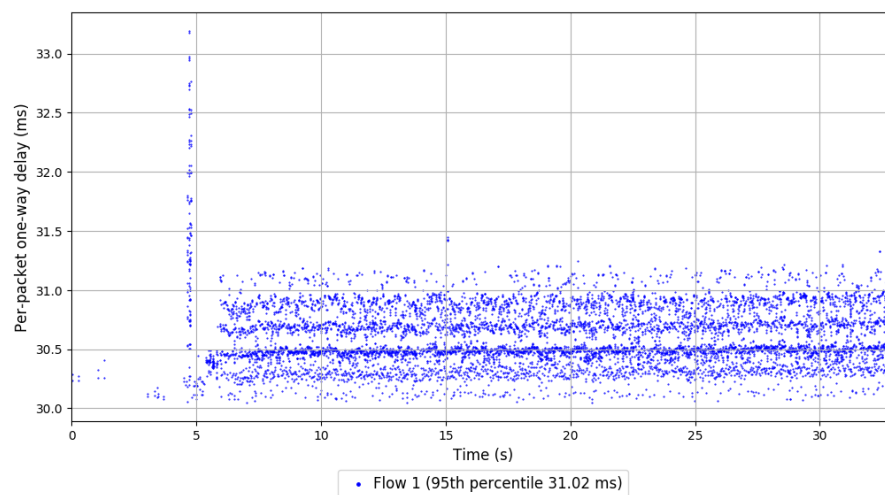
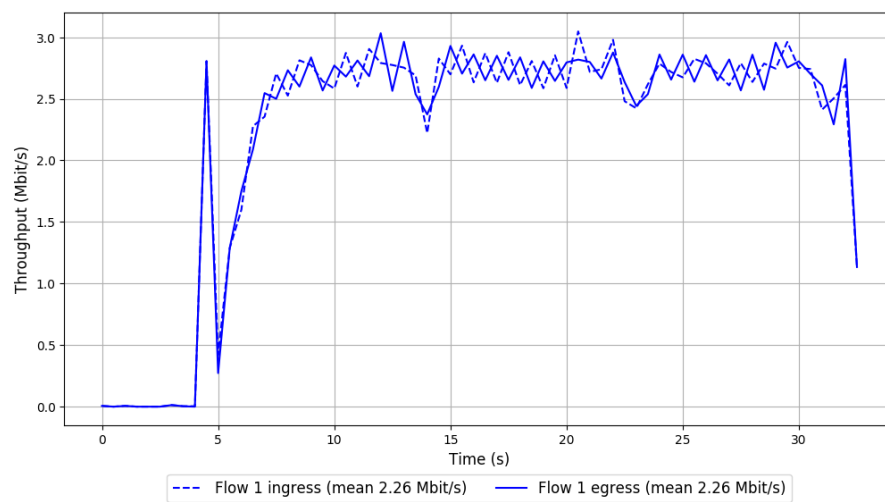


Run 3: Statistics of WebRTC media

Start at: 2018-01-25 10:06:04  
End at: 2018-01-25 10:06:34  
Local clock offset: 1.55 ms  
Remote clock offset: -1.372 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.26 Mbit/s  
95th percentile per-packet one-way delay: 31.023 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.26 Mbit/s  
95th percentile per-packet one-way delay: 31.023 ms  
Loss rate: 0.00%

### Run 3: Report of WebRTC media — Data Link

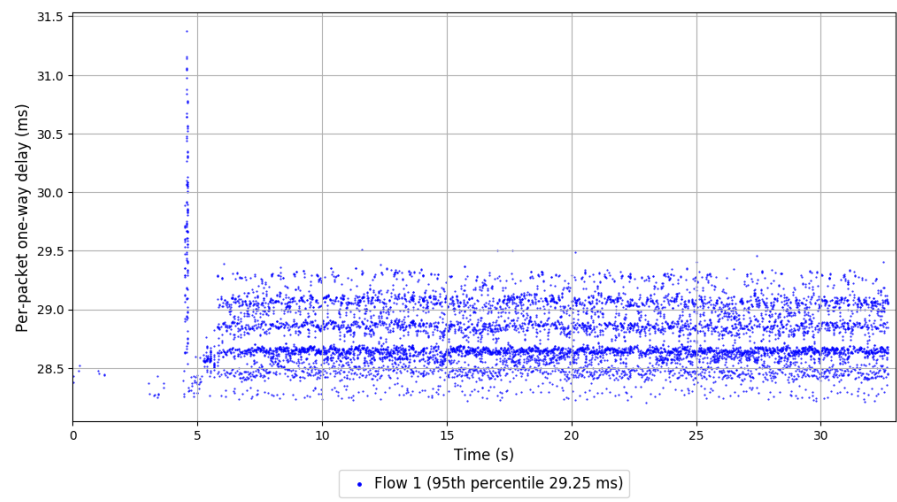
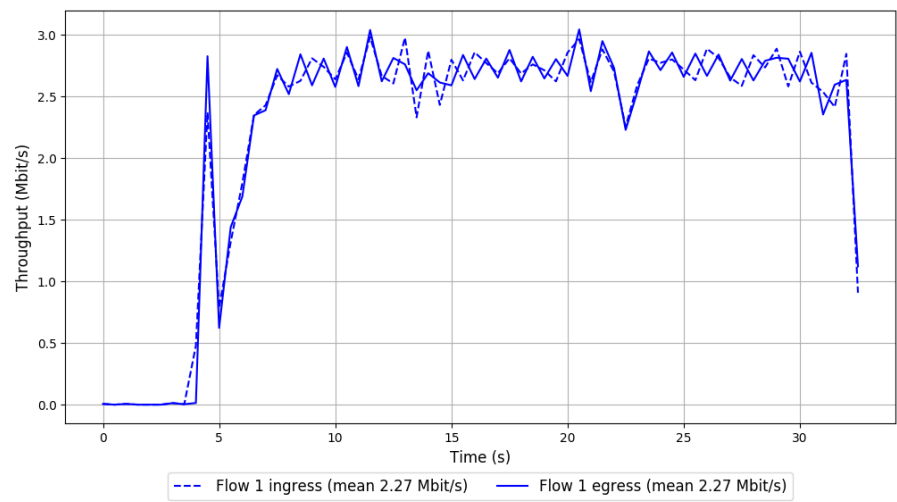


Run 4: Statistics of WebRTC media

Start at: 2018-01-25 10:27:29  
End at: 2018-01-25 10:27:59  
Local clock offset: 1.508 ms  
Remote clock offset: -3.731 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 29.246 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 29.246 ms  
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



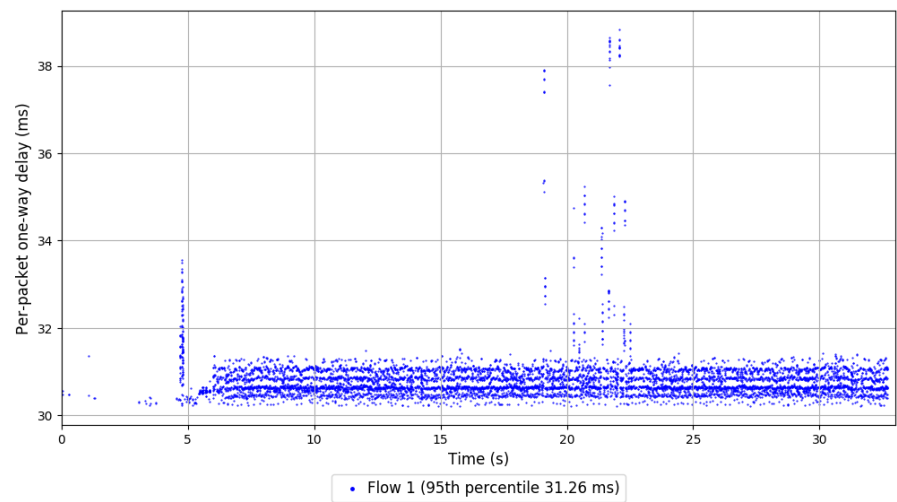
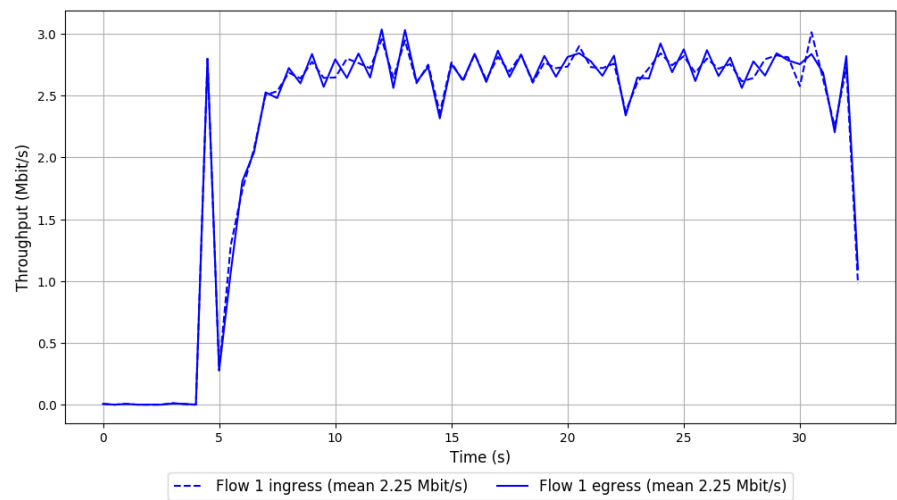
Run 5: Statistics of WebRTC media

Start at: 2018-01-25 10:48:44  
End at: 2018-01-25 10:49:14  
Local clock offset: 1.516 ms  
Remote clock offset: -1.581 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 31.257 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.25 Mbit/s  
95th percentile per-packet one-way delay: 31.257 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link

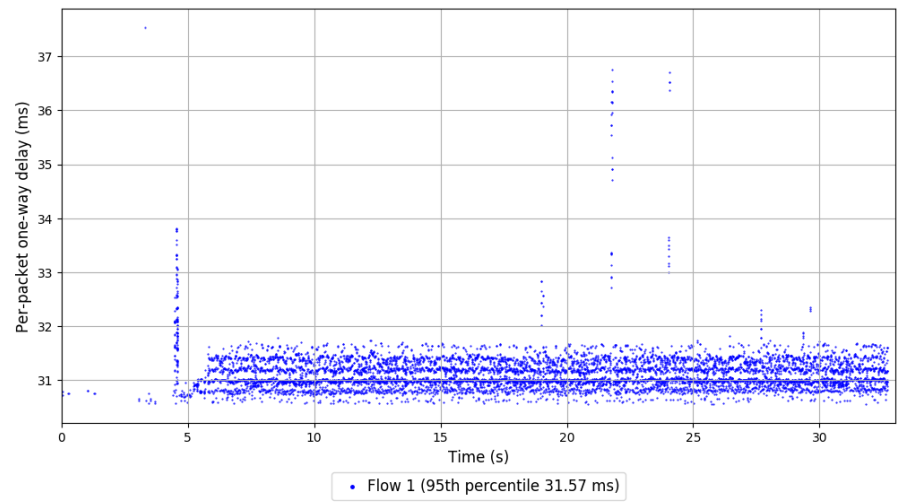
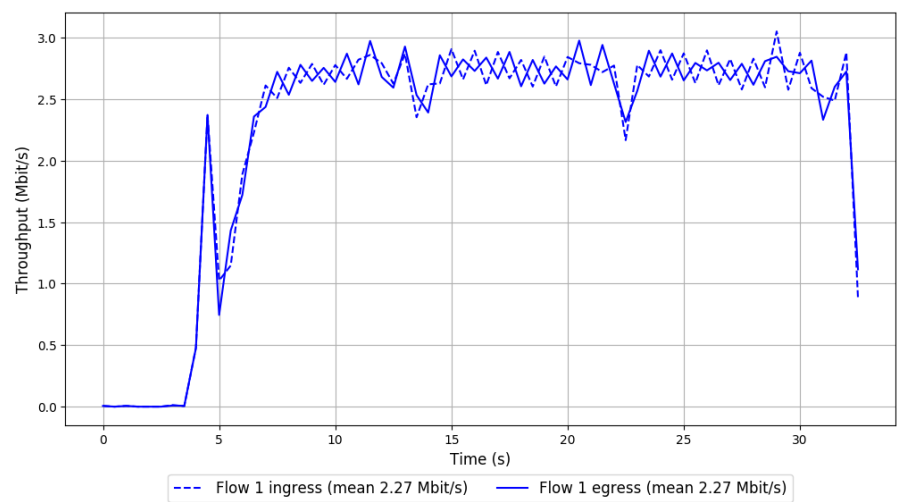


Run 6: Statistics of WebRTC media

Start at: 2018-01-25 11:10:00  
End at: 2018-01-25 11:10:30  
Local clock offset: 1.56 ms  
Remote clock offset: -1.166 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 31.568 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.27 Mbit/s  
95th percentile per-packet one-way delay: 31.568 ms  
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

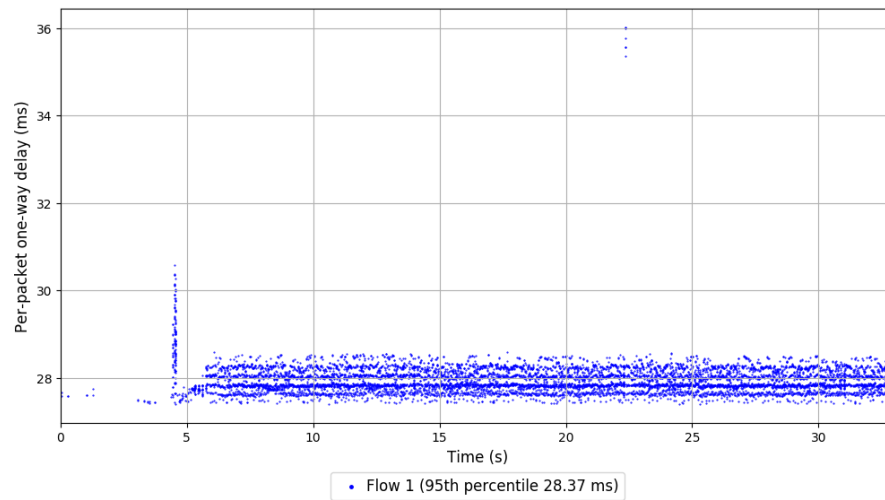
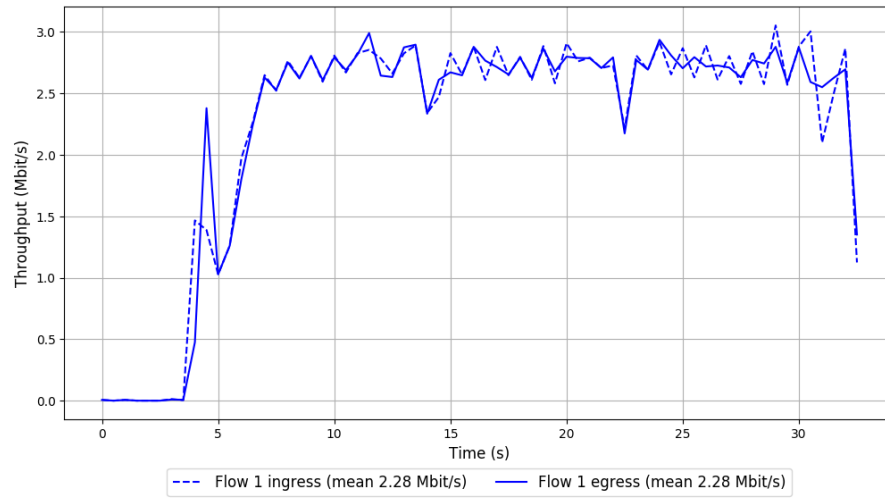


Run 7: Statistics of WebRTC media

Start at: 2018-01-25 11:31:22  
End at: 2018-01-25 11:31:52  
Local clock offset: 1.534 ms  
Remote clock offset: -3.917 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 28.372 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.28 Mbit/s  
95th percentile per-packet one-way delay: 28.372 ms  
Loss rate: 0.00%

## Run 7: Report of WebRTC media — Data Link

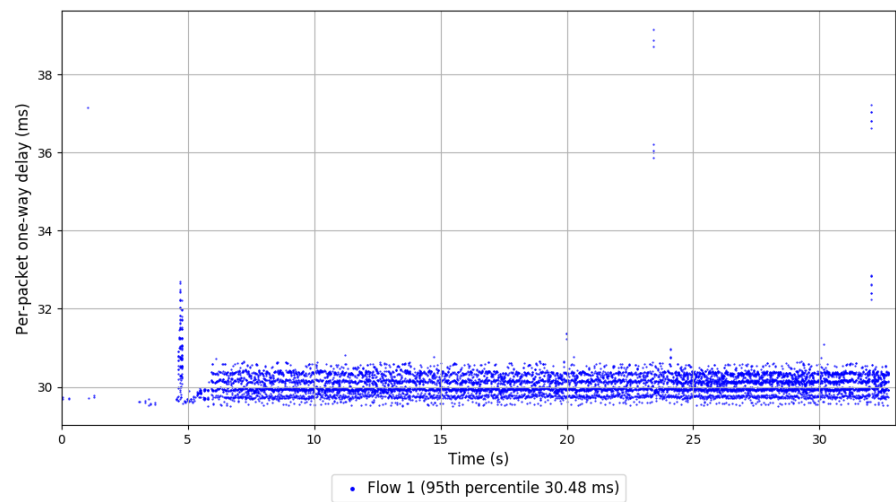
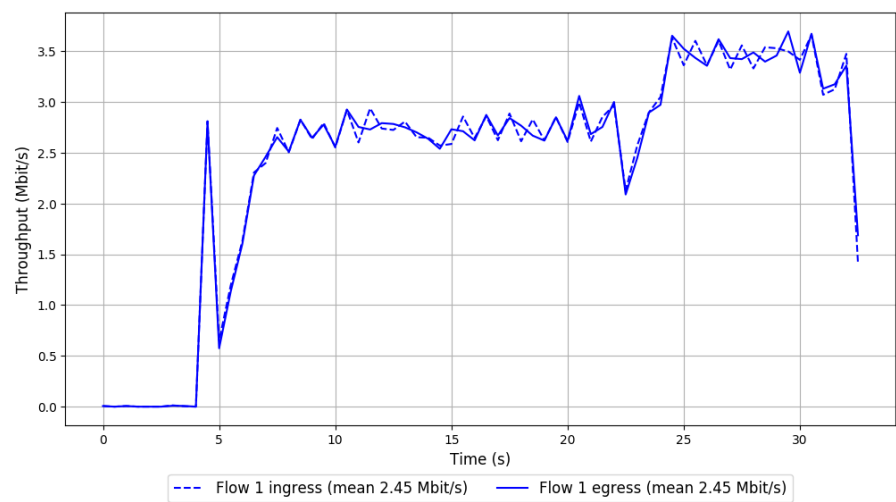


Run 8: Statistics of WebRTC media

Start at: 2018-01-25 11:52:42  
End at: 2018-01-25 11:53:12  
Local clock offset: 1.486 ms  
Remote clock offset: -1.691 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.45 Mbit/s  
95th percentile per-packet one-way delay: 30.484 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 2.45 Mbit/s  
95th percentile per-packet one-way delay: 30.484 ms  
Loss rate: 0.06%

Run 8: Report of WebRTC media — Data Link



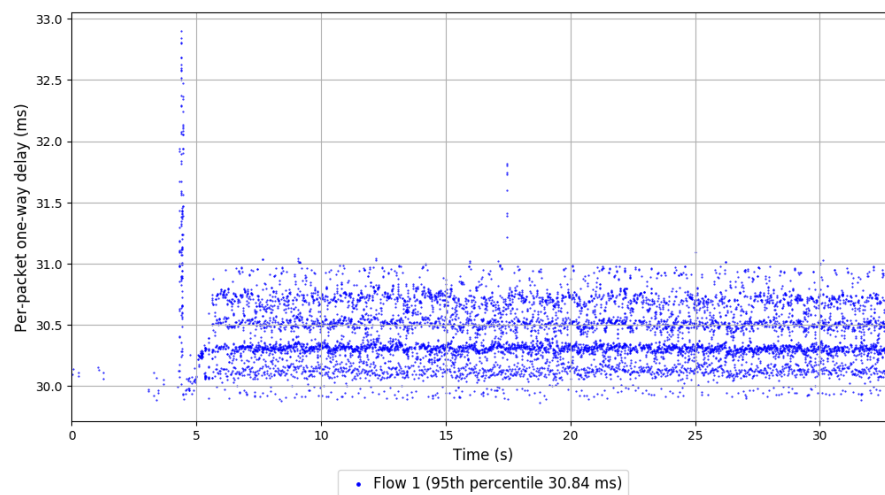
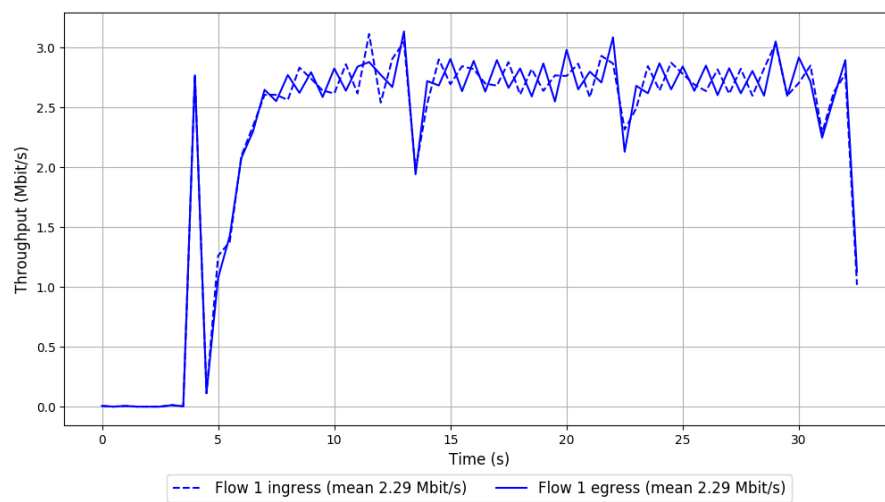
Run 9: Statistics of WebRTC media

Start at: 2018-01-25 12:14:13  
End at: 2018-01-25 12:14:43  
Local clock offset: 1.552 ms  
Remote clock offset: -1.249 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 30.841 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 30.841 ms  
Loss rate: 0.00%



### Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-25 12:35:32

End at: 2018-01-25 12:36:02

Local clock offset: 1.526 ms

Remote clock offset: -3.573 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 28.444 ms

Loss rate: 0.00%

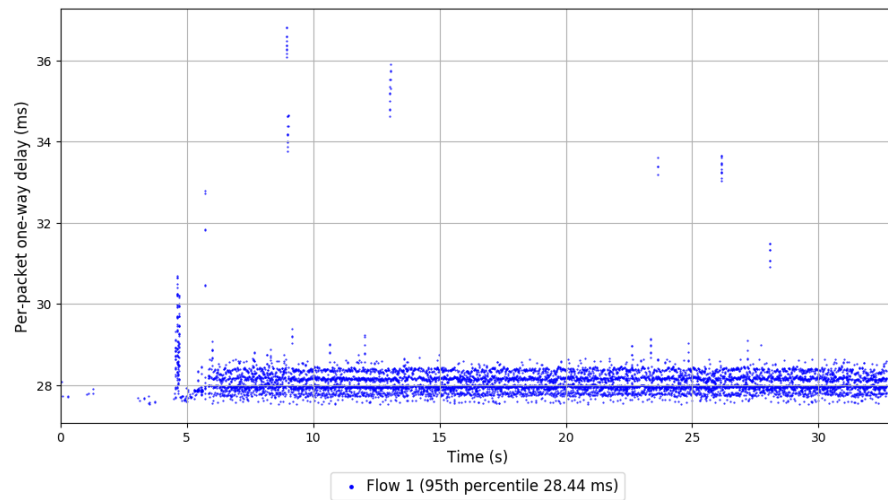
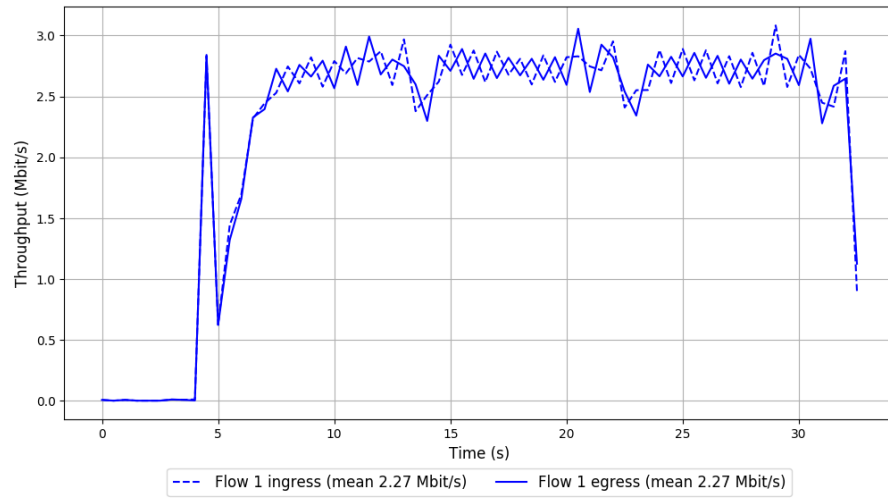
-- Flow 1:

Average throughput: 2.27 Mbit/s

95th percentile per-packet one-way delay: 28.444 ms

Loss rate: 0.00%

# Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-01-25 09:30:03

End at: 2018-01-25 09:30:33

Local clock offset: 1.686 ms

Remote clock offset: -2.327 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.89 Mbit/s

95th percentile per-packet one-way delay: 31.644 ms

Loss rate: 0.00%

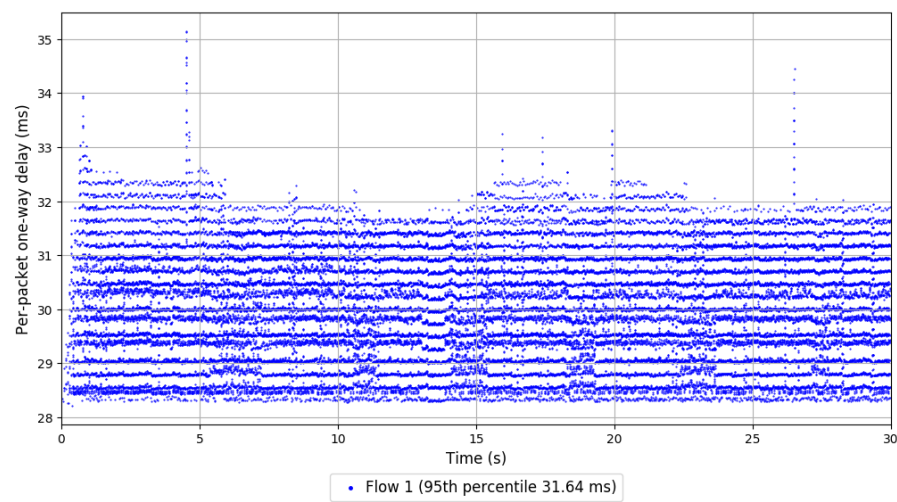
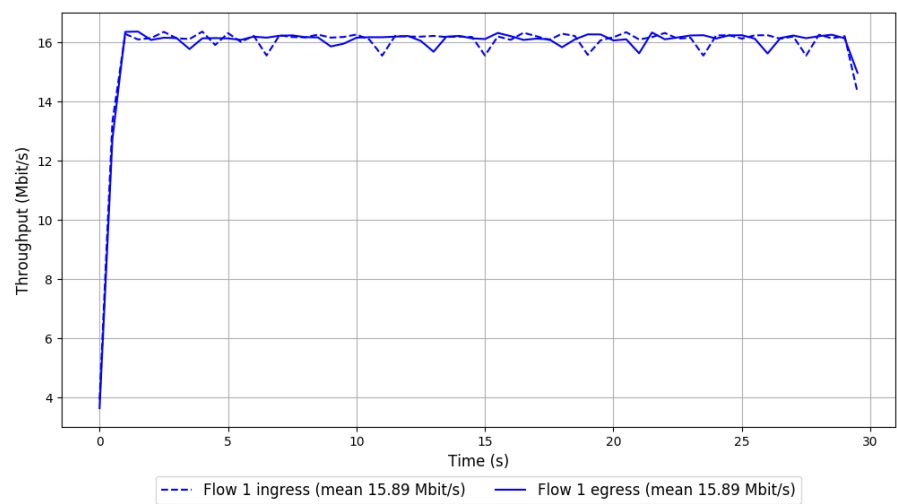
-- Flow 1:

Average throughput: 15.89 Mbit/s

95th percentile per-packet one-way delay: 31.644 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

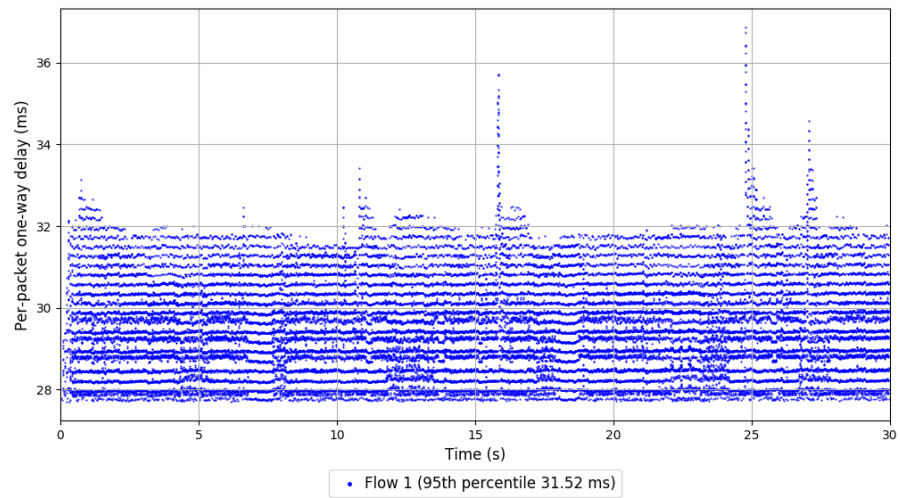
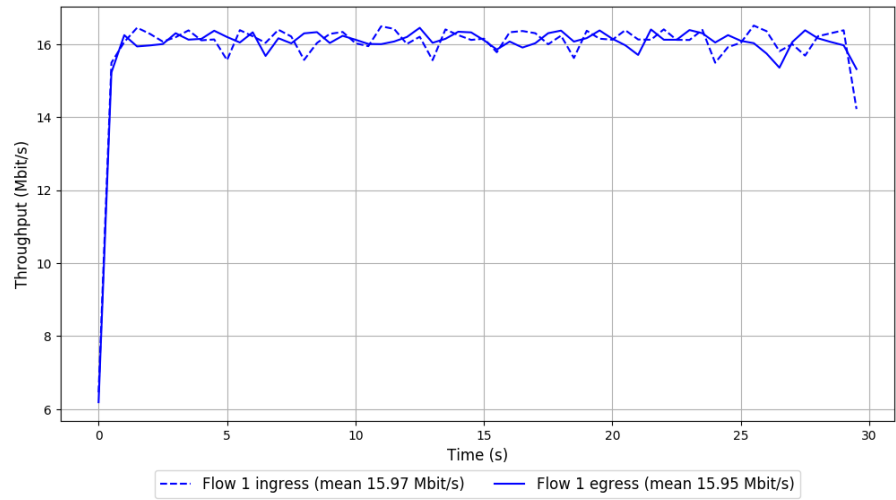


Run 2: Statistics of Sprout

Start at: 2018-01-25 09:51:21  
End at: 2018-01-25 09:51:51  
Local clock offset: 1.691 ms  
Remote clock offset: -2.765 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.95 Mbit/s  
95th percentile per-packet one-way delay: 31.516 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 15.95 Mbit/s  
95th percentile per-packet one-way delay: 31.516 ms  
Loss rate: 0.07%

## Run 2: Report of Sprout — Data Link



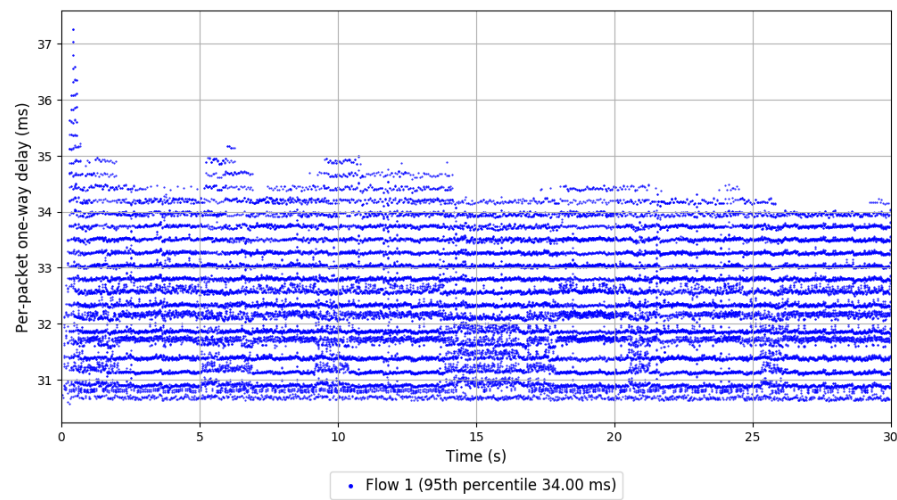
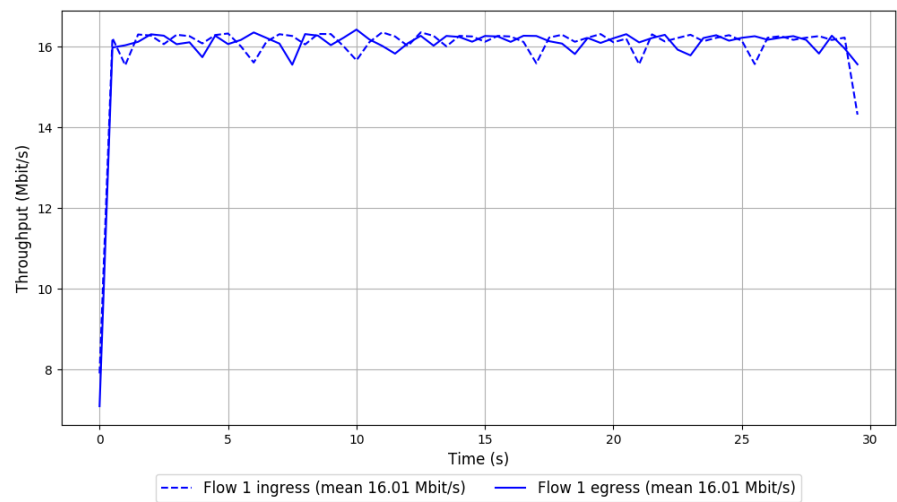
Run 3: Statistics of Sprout

Start at: 2018-01-25 10:12:43  
End at: 2018-01-25 10:13:13  
Local clock offset: 1.402 ms  
Remote clock offset: -1.872 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.01 Mbit/s  
95th percentile per-packet one-way delay: 33.999 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 16.01 Mbit/s  
95th percentile per-packet one-way delay: 33.999 ms  
Loss rate: 0.00%



Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-01-25 10:34:06

End at: 2018-01-25 10:34:36

Local clock offset: 1.545 ms

Remote clock offset: -3.84 ms

# Below is generated by plot.py at 2018-01-25 13:20:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 32.067 ms

Loss rate: 0.00%

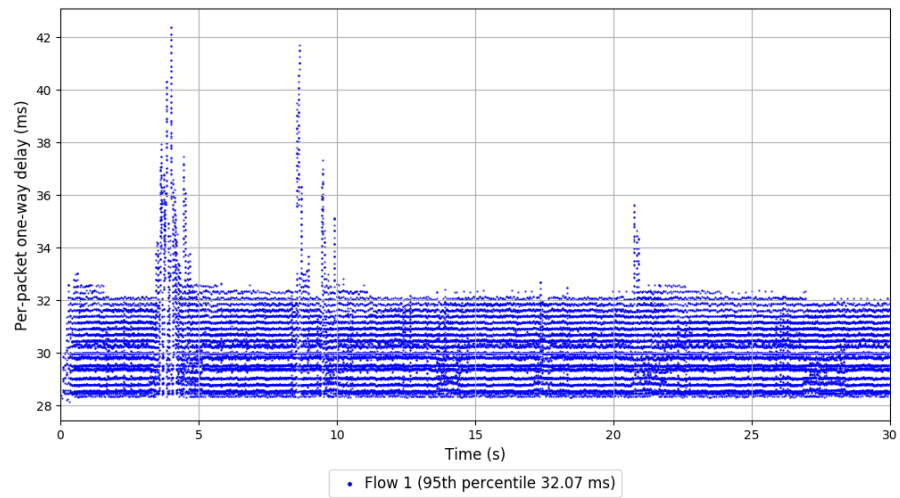
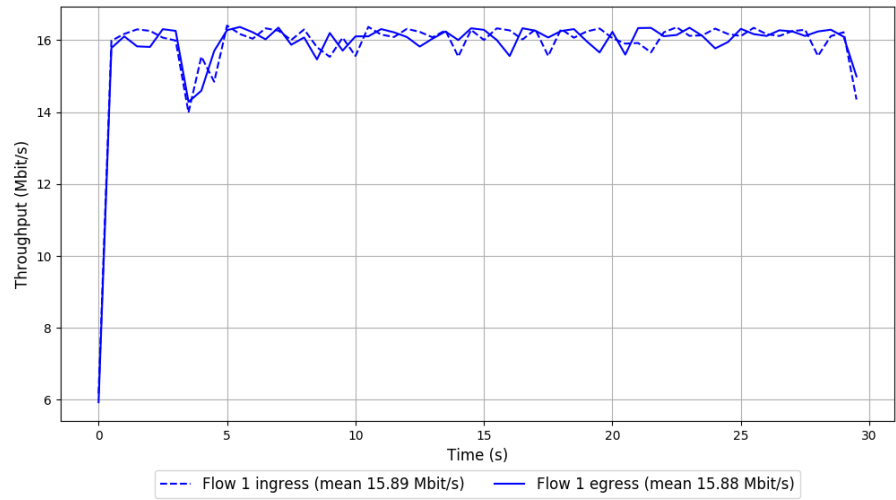
-- Flow 1:

Average throughput: 15.88 Mbit/s

95th percentile per-packet one-way delay: 32.067 ms

Loss rate: 0.00%

#### Run 4: Report of Sprout — Data Link

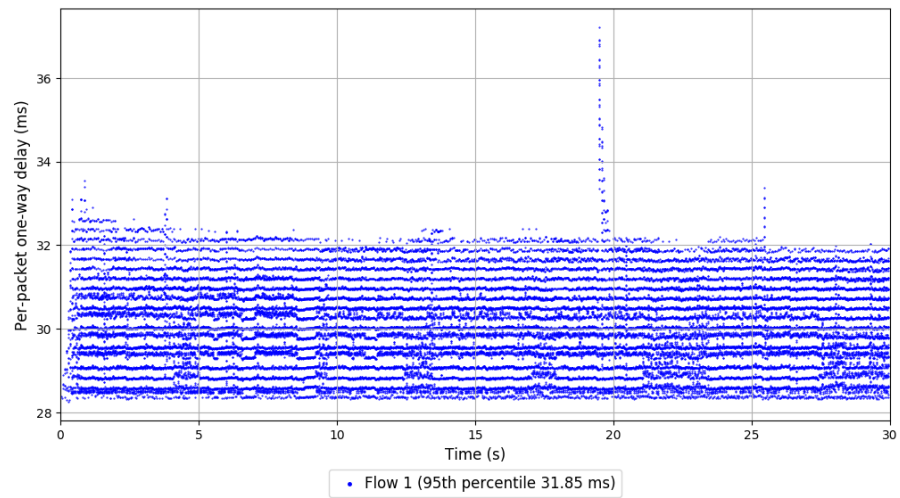
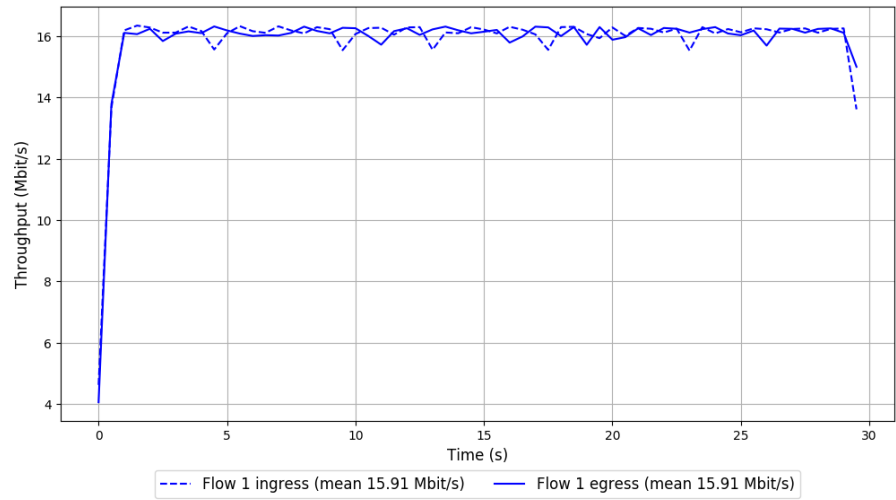


Run 5: Statistics of Sprout

Start at: 2018-01-25 10:55:21  
End at: 2018-01-25 10:55:51  
Local clock offset: 1.407 ms  
Remote clock offset: -3.738 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.91 Mbit/s  
95th percentile per-packet one-way delay: 31.852 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 15.91 Mbit/s  
95th percentile per-packet one-way delay: 31.852 ms  
Loss rate: 0.00%

## Run 5: Report of Sprout — Data Link

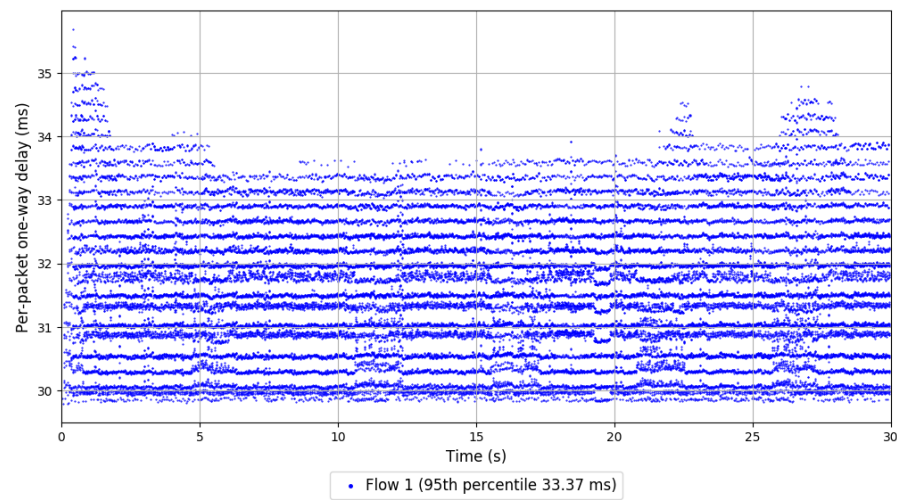
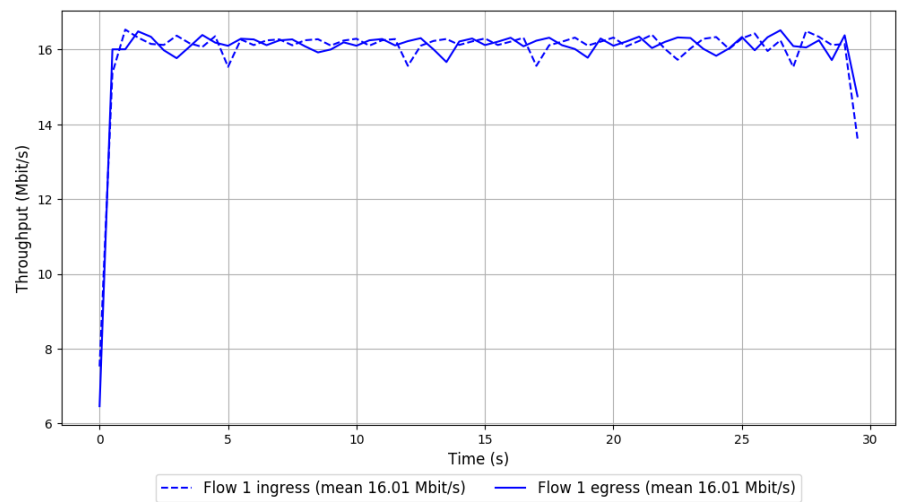


Run 6: Statistics of Sprout

Start at: 2018-01-25 11:16:36  
End at: 2018-01-25 11:17:06  
Local clock offset: 1.54 ms  
Remote clock offset: -1.526 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.01 Mbit/s  
95th percentile per-packet one-way delay: 33.371 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 16.01 Mbit/s  
95th percentile per-packet one-way delay: 33.371 ms  
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



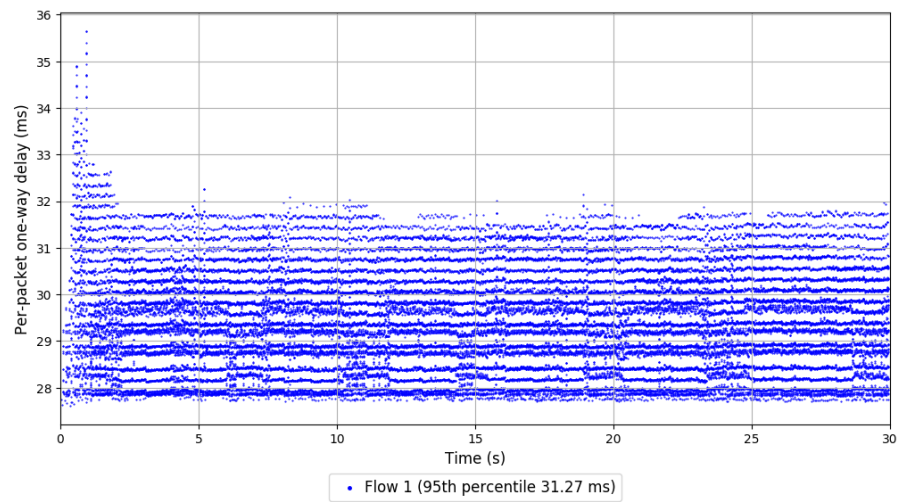
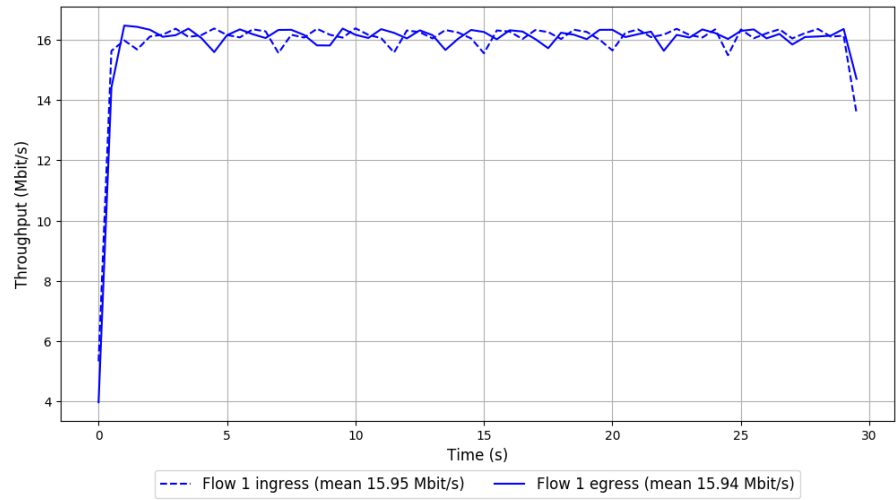
Run 7: Statistics of Sprout

Start at: 2018-01-25 11:37:58  
End at: 2018-01-25 11:38:28  
Local clock offset: 1.553 ms  
Remote clock offset: -3.731 ms

# Below is generated by plot.py at 2018-01-25 13:20:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.94 Mbit/s  
95th percentile per-packet one-way delay: 31.272 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 15.94 Mbit/s  
95th percentile per-packet one-way delay: 31.272 ms  
Loss rate: 0.06%



## Run 7: Report of Sprout — Data Link

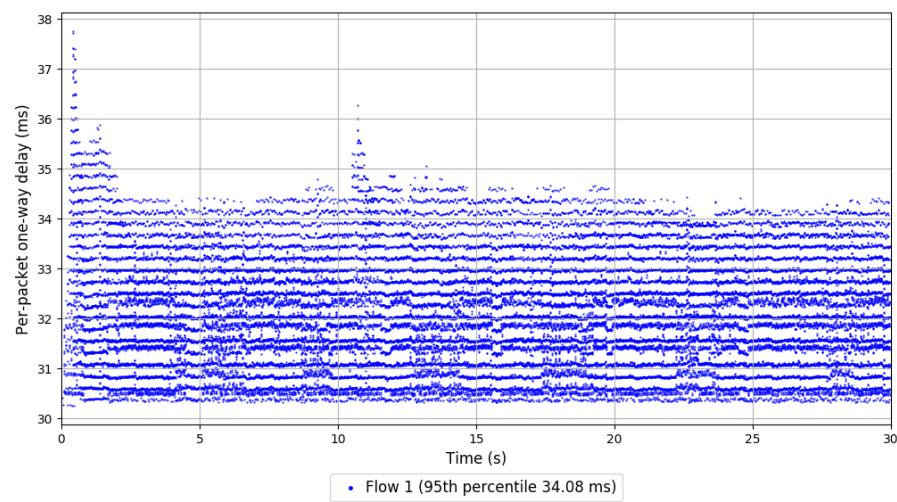
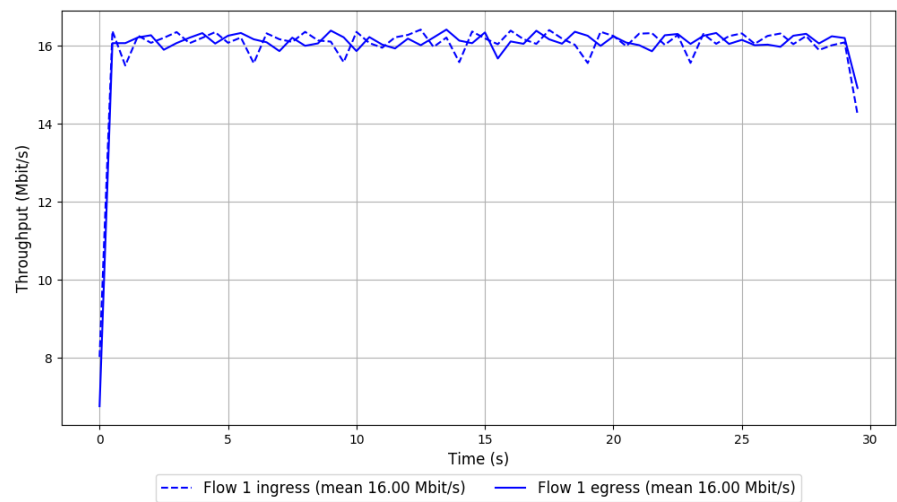


Run 8: Statistics of Sprout

Start at: 2018-01-25 11:59:24  
End at: 2018-01-25 11:59:54  
Local clock offset: 1.411 ms  
Remote clock offset: -1.131 ms

# Below is generated by plot.py at 2018-01-25 13:20:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.00 Mbit/s  
95th percentile per-packet one-way delay: 34.084 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 16.00 Mbit/s  
95th percentile per-packet one-way delay: 34.084 ms  
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

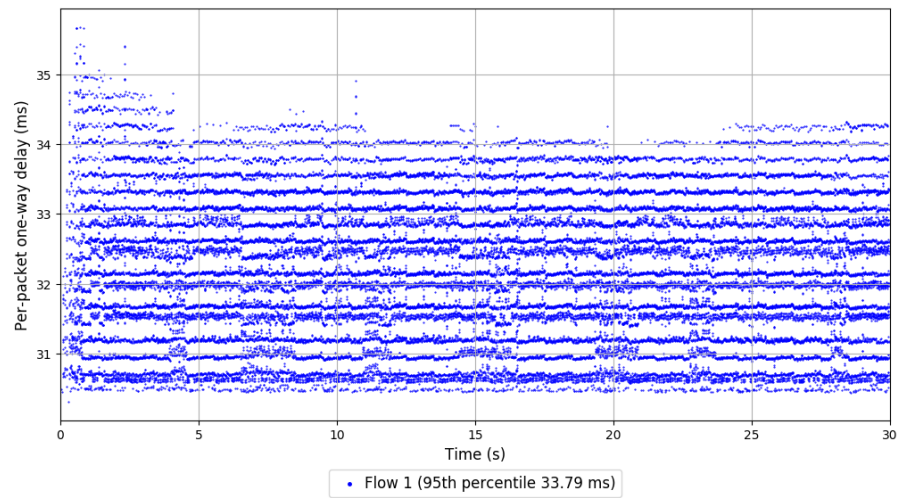
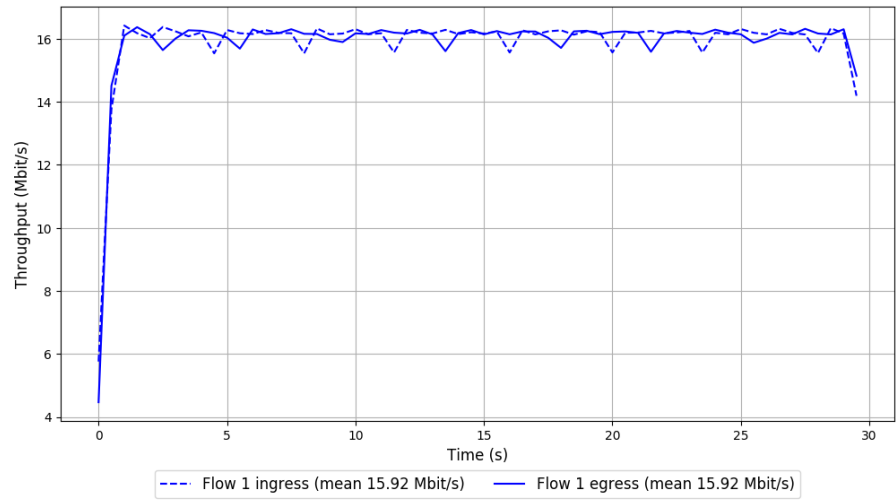


Run 9: Statistics of Sprout

Start at: 2018-01-25 12:20:50  
End at: 2018-01-25 12:21:20  
Local clock offset: 1.537 ms  
Remote clock offset: -1.547 ms

# Below is generated by plot.py at 2018-01-25 13:20:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 15.92 Mbit/s  
95th percentile per-packet one-way delay: 33.791 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 15.92 Mbit/s  
95th percentile per-packet one-way delay: 33.791 ms  
Loss rate: 0.00%

### Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-01-25 12:42:07

End at: 2018-01-25 12:42:37

Local clock offset: 1.498 ms

Remote clock offset: -3.584 ms

# Below is generated by plot.py at 2018-01-25 13:20:10

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 32.012 ms

Loss rate: 0.02%

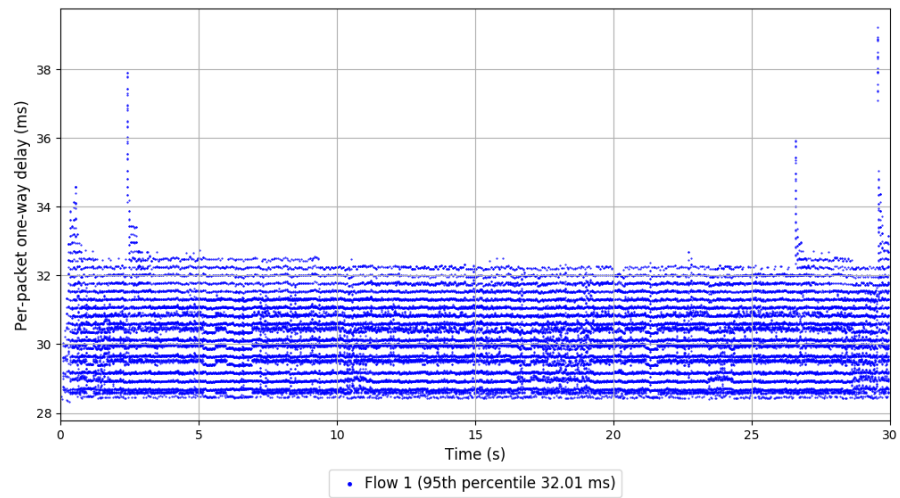
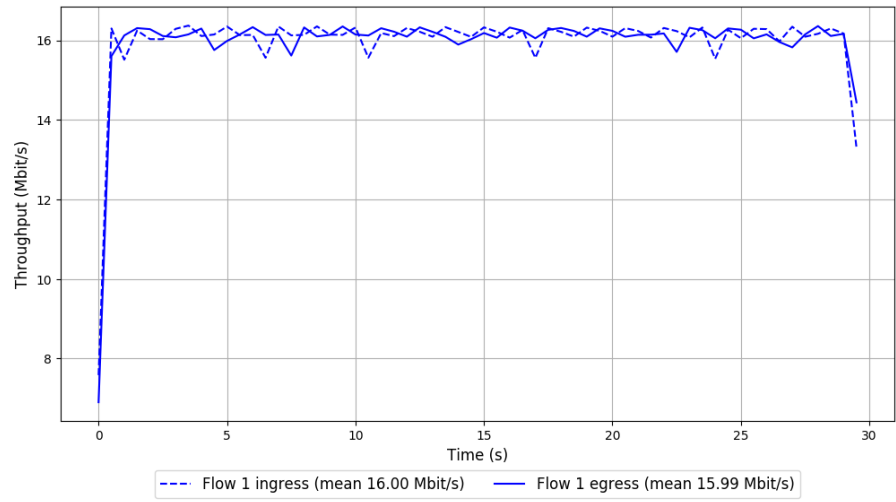
-- Flow 1:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 32.012 ms

Loss rate: 0.02%

# Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-01-25 09:28:44

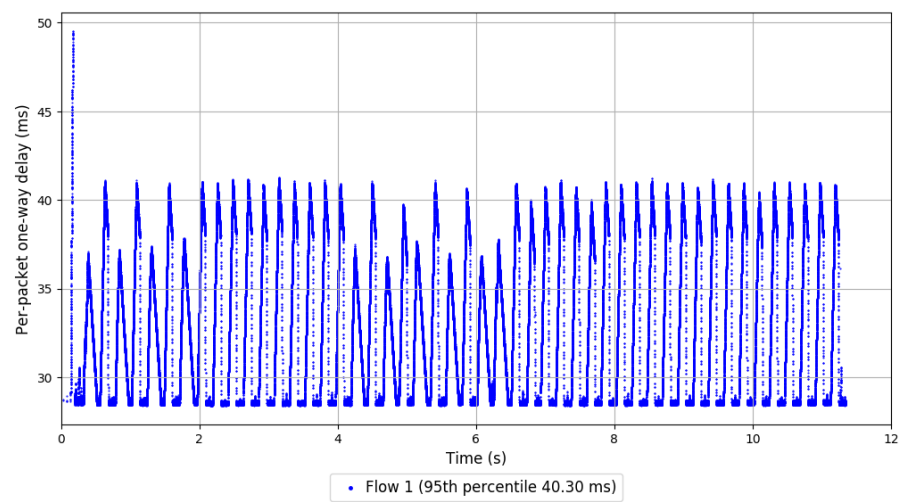
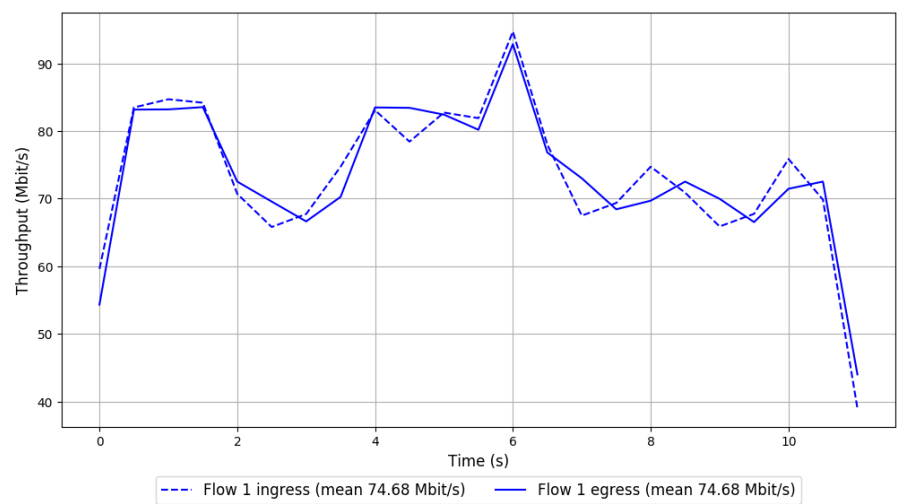
End at: 2018-01-25 09:29:14

Local clock offset: 1.69 ms

Remote clock offset: -2.187 ms



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



Run 2: Statistics of TaoVA-100x

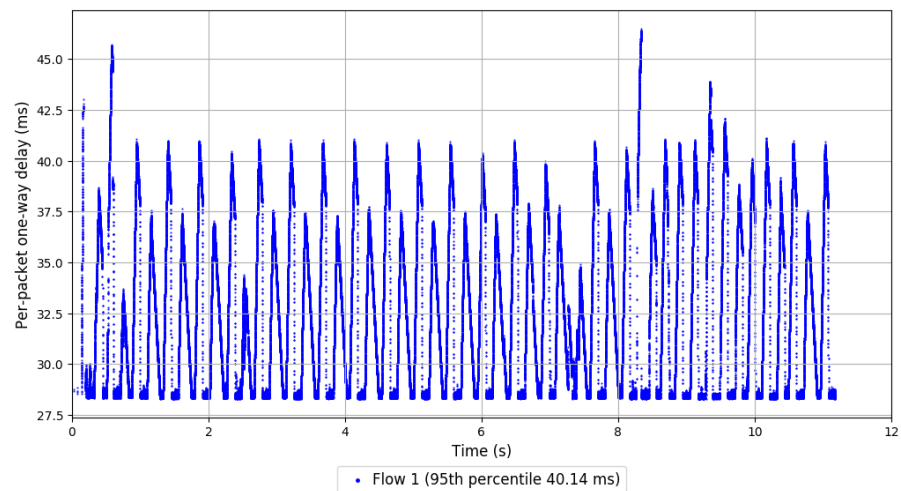
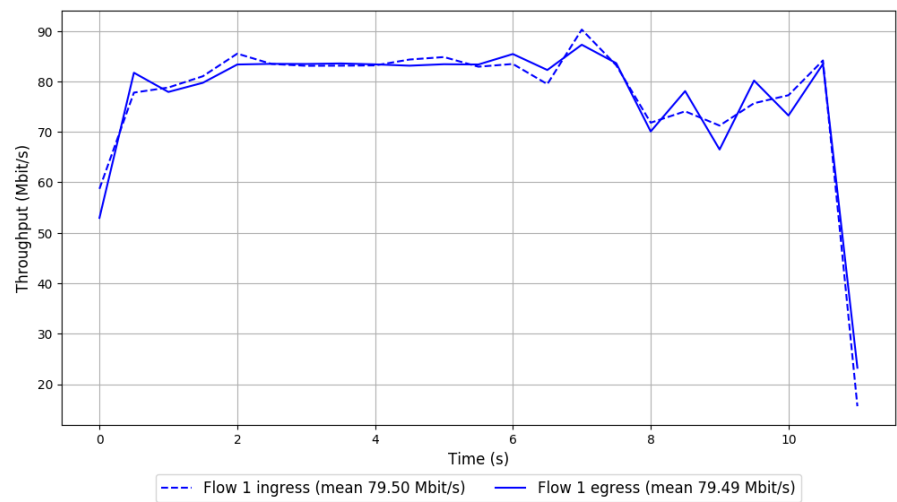
Start at: 2018-01-25 09:50:02

End at: 2018-01-25 09:50:32

Local clock offset: 1.653 ms

Remote clock offset: -2.847 ms

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-25 10:11:21

End at: 2018-01-25 10:11:51

Local clock offset: 1.529 ms

Remote clock offset: -1.64 ms

# Below is generated by plot.py at 2018-01-25 13:22:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 79.86 Mbit/s

95th percentile per-packet one-way delay: 42.587 ms

Loss rate: 0.01%

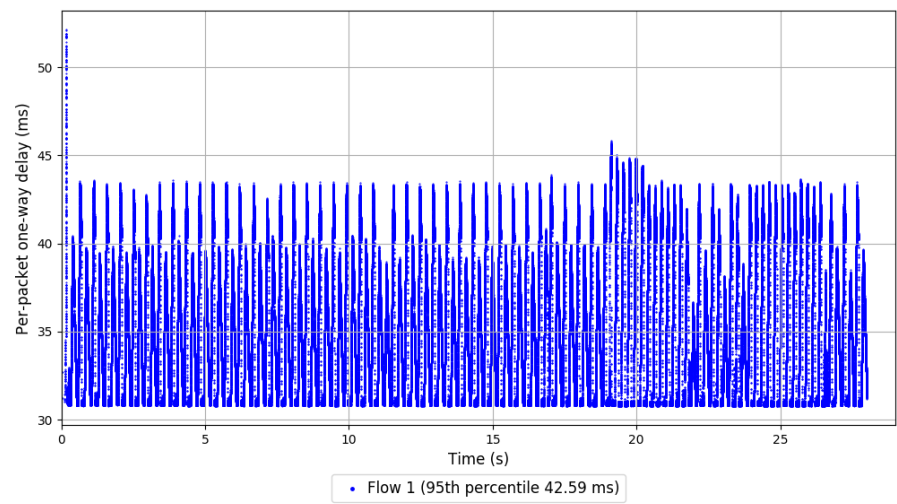
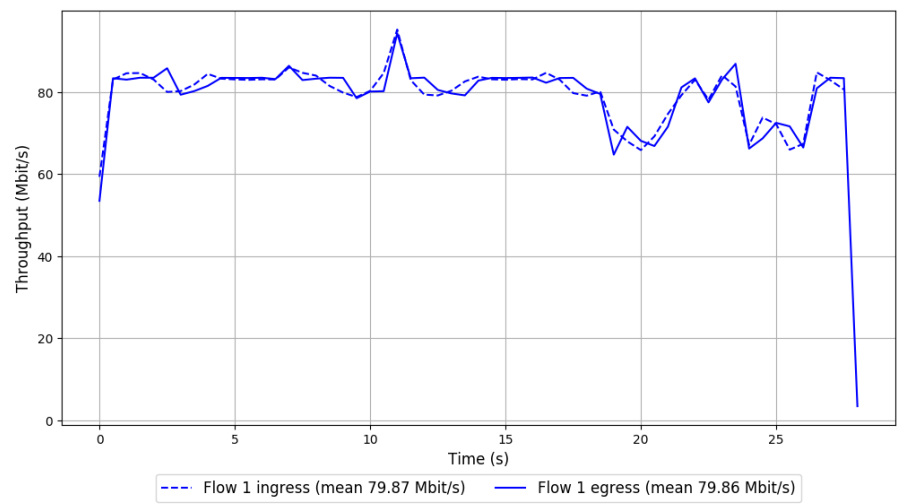
-- Flow 1:

Average throughput: 79.86 Mbit/s

95th percentile per-packet one-way delay: 42.587 ms

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

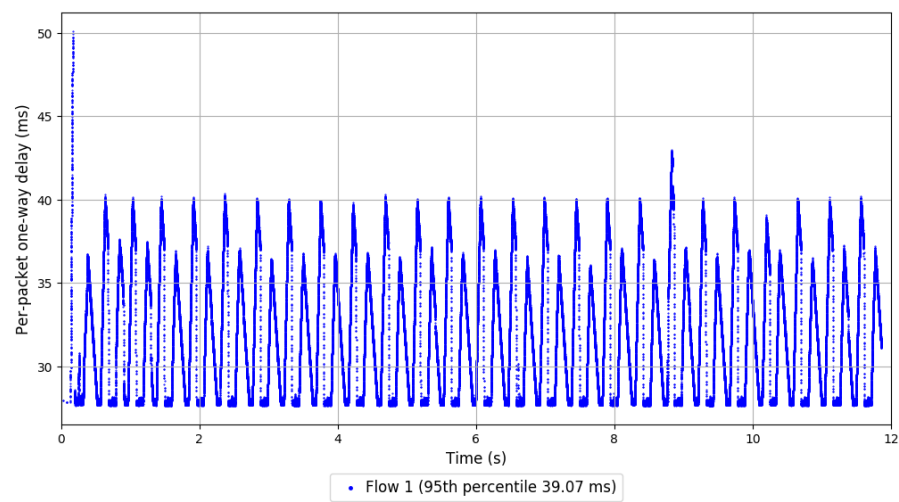
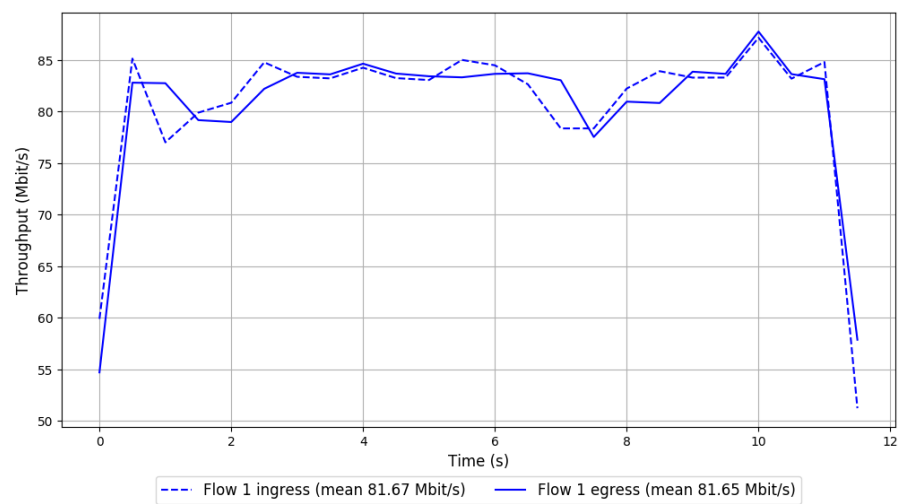
Start at: 2018-01-25 10:32:47

End at: 2018-01-25 10:33:17

Local clock offset: 1.51 ms

Remote clock offset: -3.837 ms

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-25 10:53:59

End at: 2018-01-25 10:54:29

Local clock offset: 1.513 ms

Remote clock offset: -1.511 ms

# Below is generated by plot.py at 2018-01-25 13:22:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.97 Mbit/s

95th percentile per-packet one-way delay: 41.480 ms

Loss rate: 0.02%

-- Flow 1:

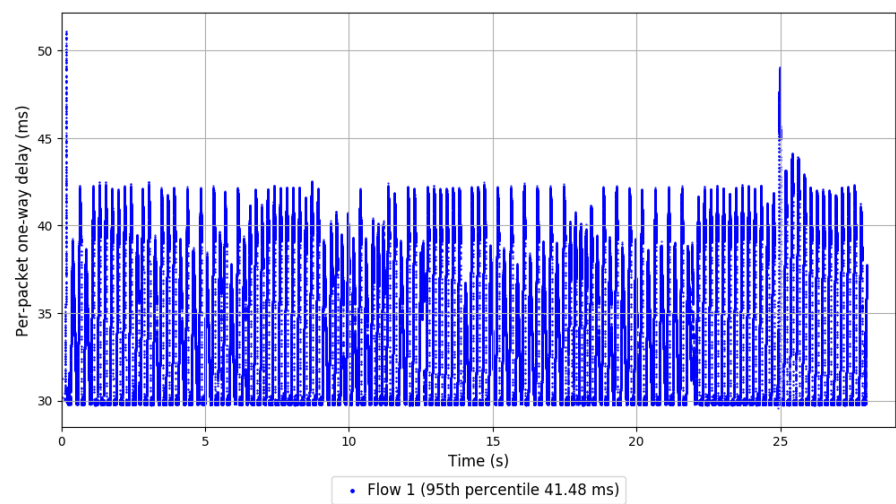
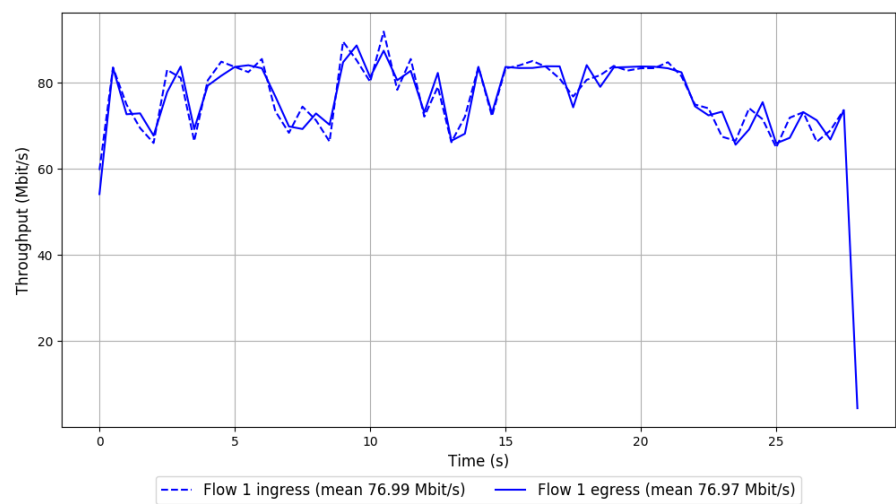
Average throughput: 76.97 Mbit/s

95th percentile per-packet one-way delay: 41.480 ms

Loss rate: 0.02%



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



Run 6: Statistics of TaoVA-100x

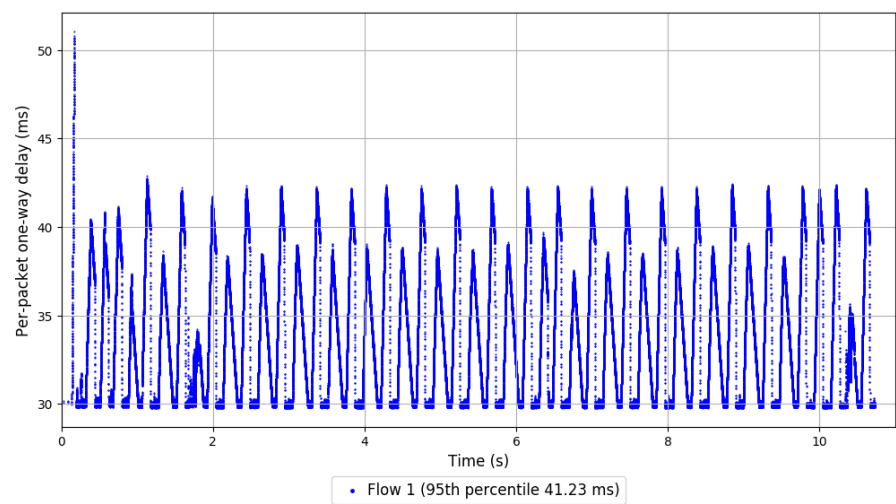
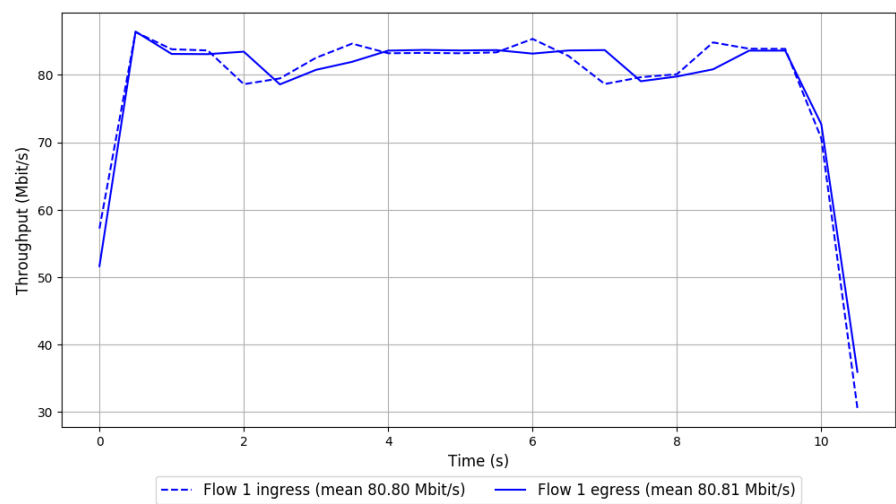
Start at: 2018-01-25 11:15:17

End at: 2018-01-25 11:15:47

Local clock offset: 1.539 ms

Remote clock offset: -1.504 ms

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



Run 7: Statistics of TaoVA-100x

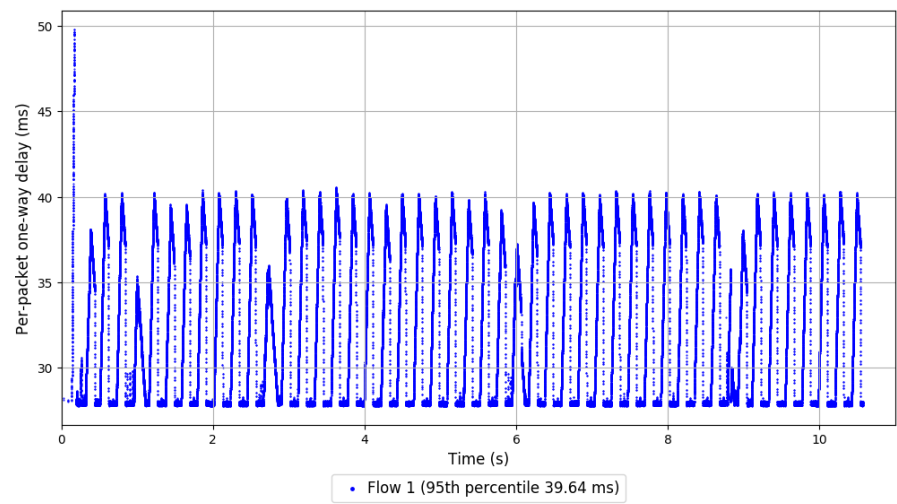
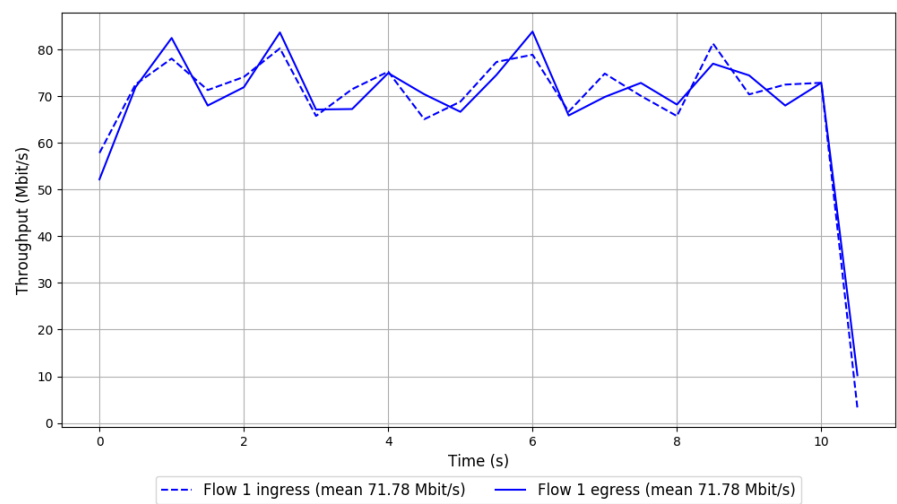
Start at: 2018-01-25 11:36:39

End at: 2018-01-25 11:37:09

Local clock offset: 1.439 ms

Remote clock offset: -3.775 ms

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-25 11:58:02

End at: 2018-01-25 11:58:32

Local clock offset: 1.421 ms

Remote clock offset: -1.267 ms

# Below is generated by plot.py at 2018-01-25 13:22:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.24 Mbit/s

95th percentile per-packet one-way delay: 42.846 ms

Loss rate: 0.04%

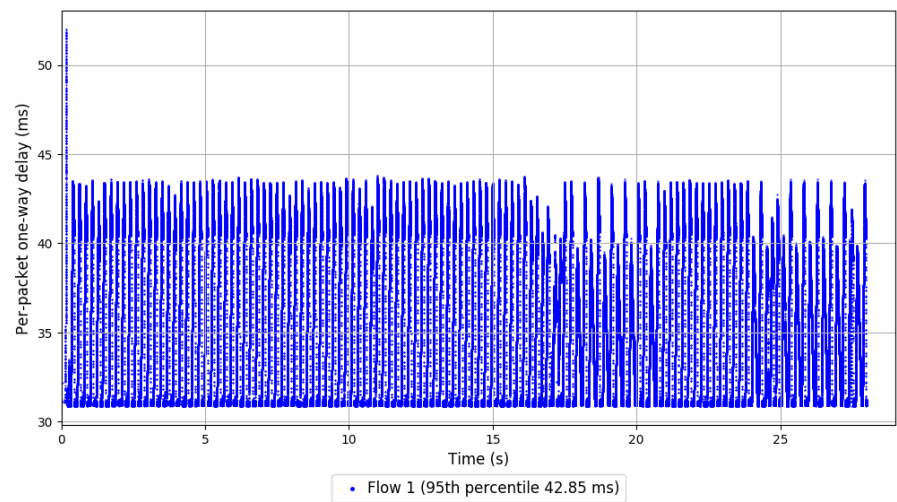
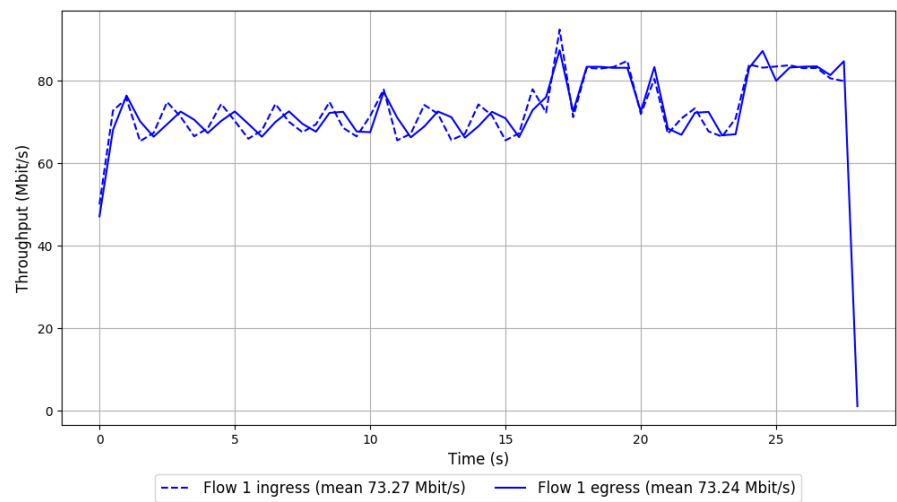
-- Flow 1:

Average throughput: 73.24 Mbit/s

95th percentile per-packet one-way delay: 42.846 ms

Loss rate: 0.04%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-25 12:19:32

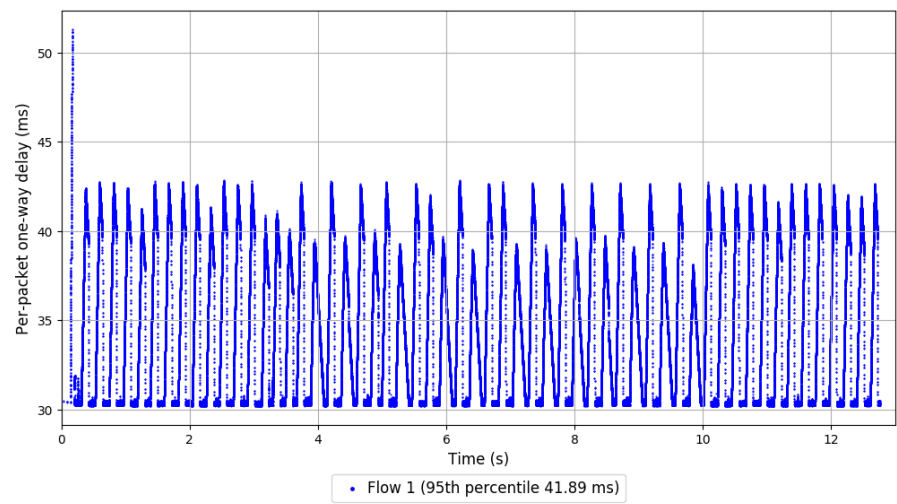
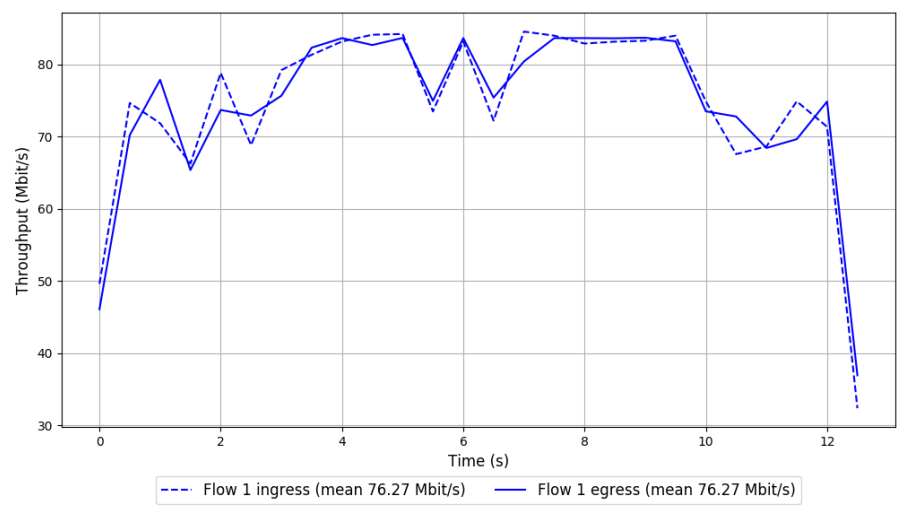
End at: 2018-01-25 12:20:02

Local clock offset: 1.526 ms

Remote clock offset: -1.116 ms



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



Run 10: Statistics of TaoVA-100x

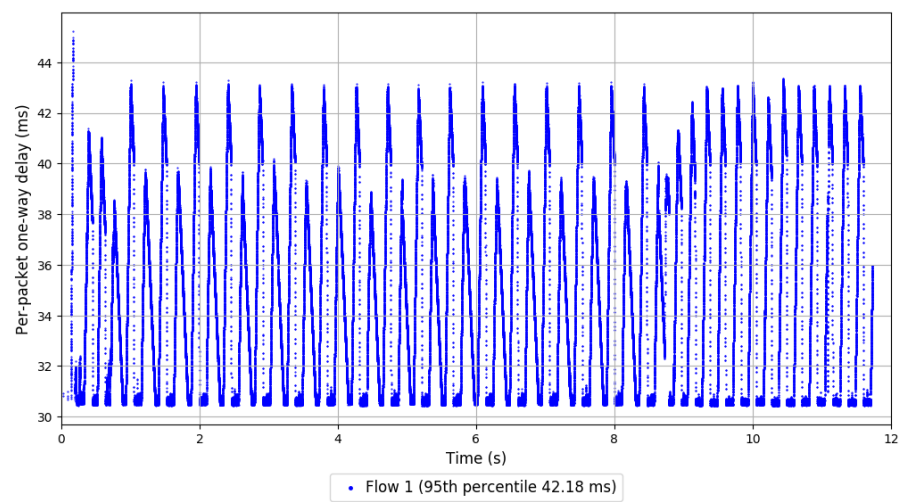
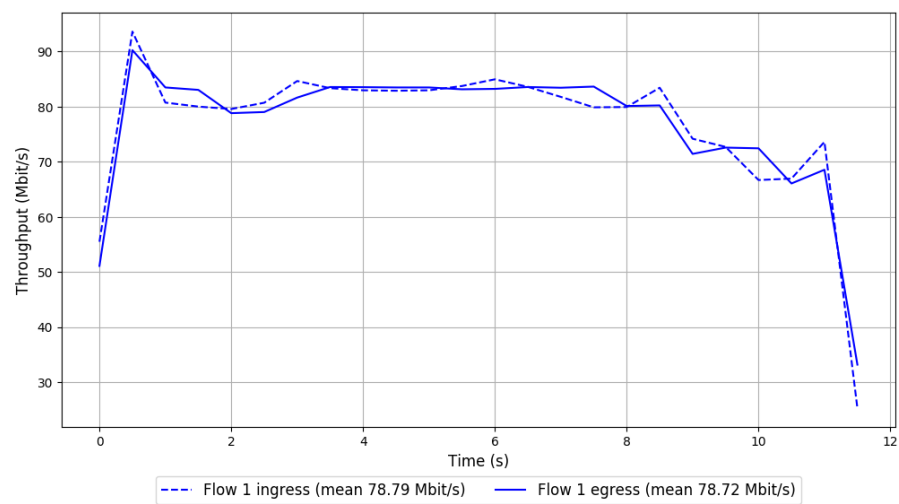
Start at: 2018-01-25 12:40:49

End at: 2018-01-25 12:41:19

Local clock offset: 1.501 ms

Remote clock offset: -1.57 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2018-01-25 09:22:07

End at: 2018-01-25 09:22:37

Local clock offset: 1.713 ms

Remote clock offset: -0.226 ms

# Below is generated by plot.py at 2018-01-25 13:22:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 50.958 ms

Loss rate: 0.00%

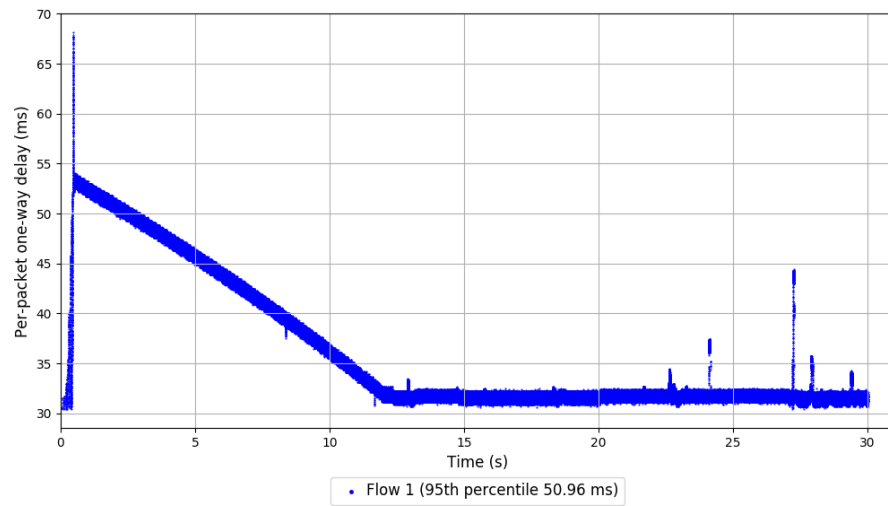
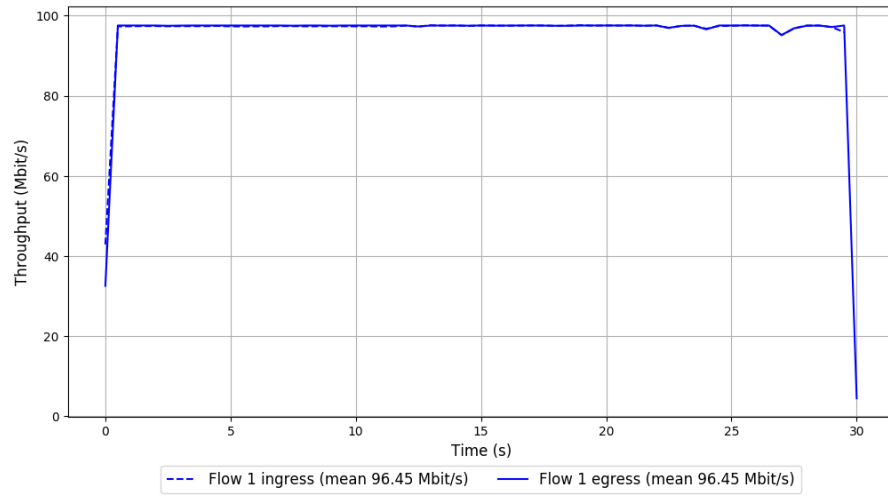
-- Flow 1:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 50.958 ms

Loss rate: 0.00%

### Run 1: Report of TCP Vegas — Data Link

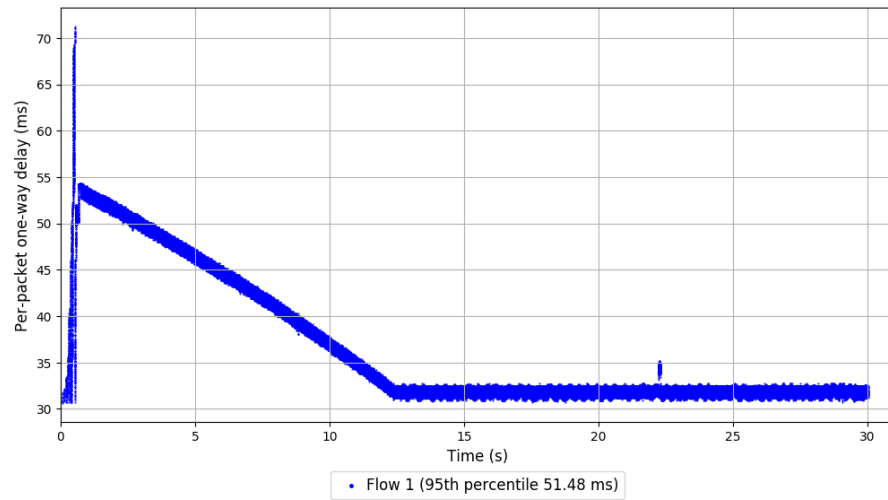
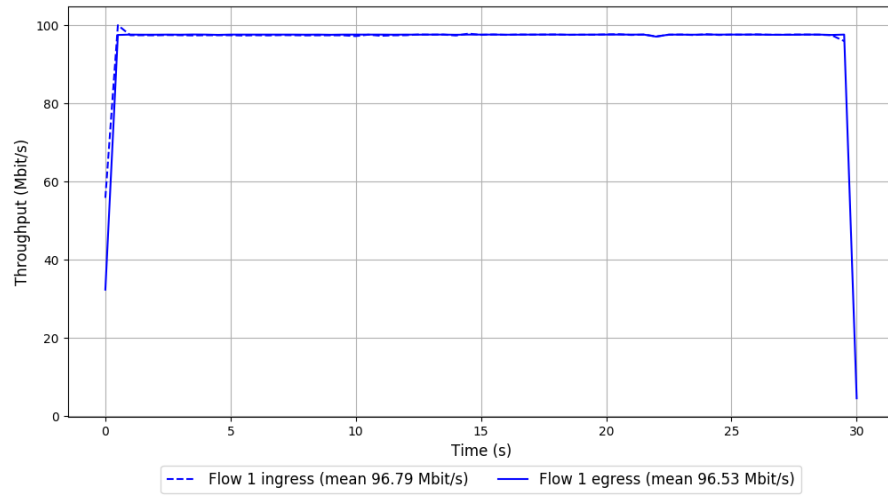


Run 2: Statistics of TCP Vegas

Start at: 2018-01-25 09:43:25  
End at: 2018-01-25 09:43:55  
Local clock offset: 1.644 ms  
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-01-25 13:22:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 51.483 ms  
Loss rate: 0.27%  
-- Flow 1:  
Average throughput: 96.53 Mbit/s  
95th percentile per-packet one-way delay: 51.483 ms  
Loss rate: 0.27%

## Run 2: Report of TCP Vegas — Data Link



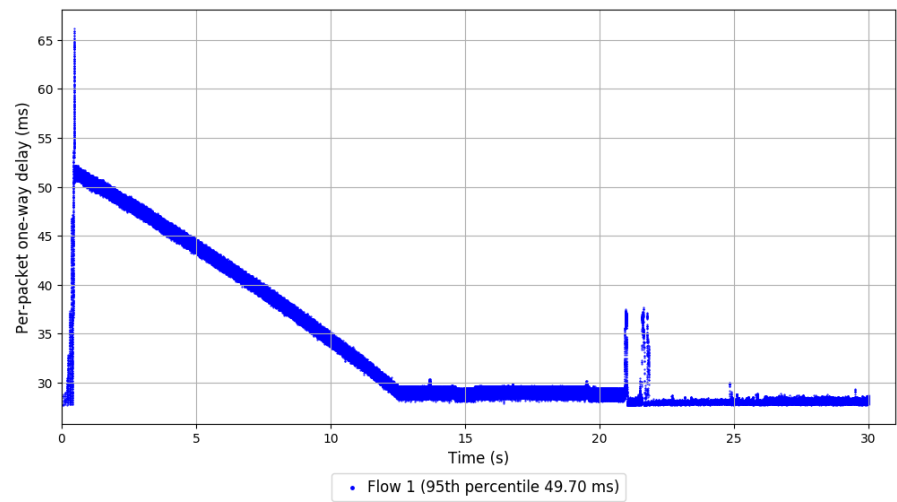
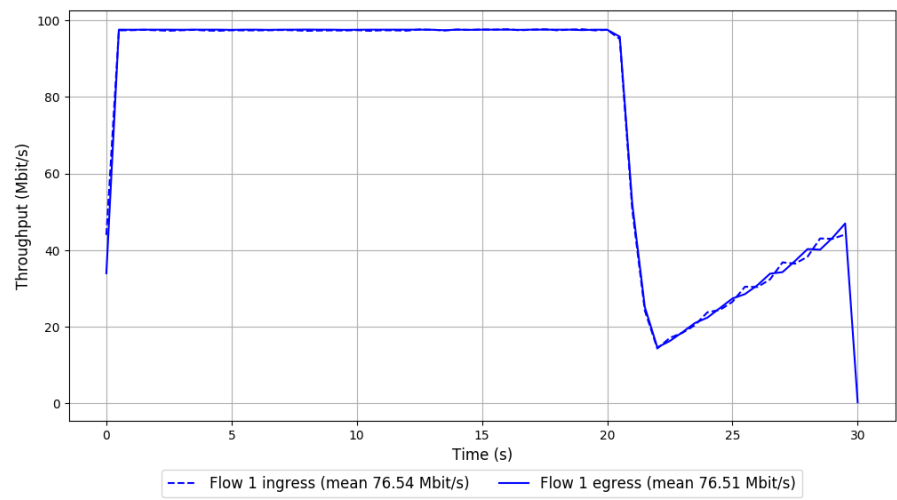
Run 3: Statistics of TCP Vegas

Start at: 2018-01-25 10:04:44  
End at: 2018-01-25 10:05:14  
Local clock offset: 1.57 ms  
Remote clock offset: -3.821 ms

# Below is generated by plot.py at 2018-01-25 13:22:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.51 Mbit/s  
95th percentile per-packet one-way delay: 49.698 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 76.51 Mbit/s  
95th percentile per-packet one-way delay: 49.698 ms  
Loss rate: 0.04%



Run 3: Report of TCP Vegas — Data Link

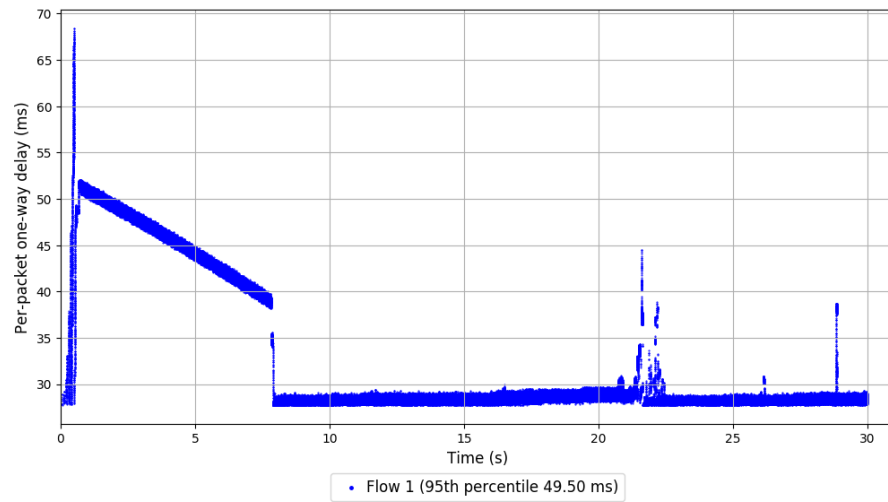
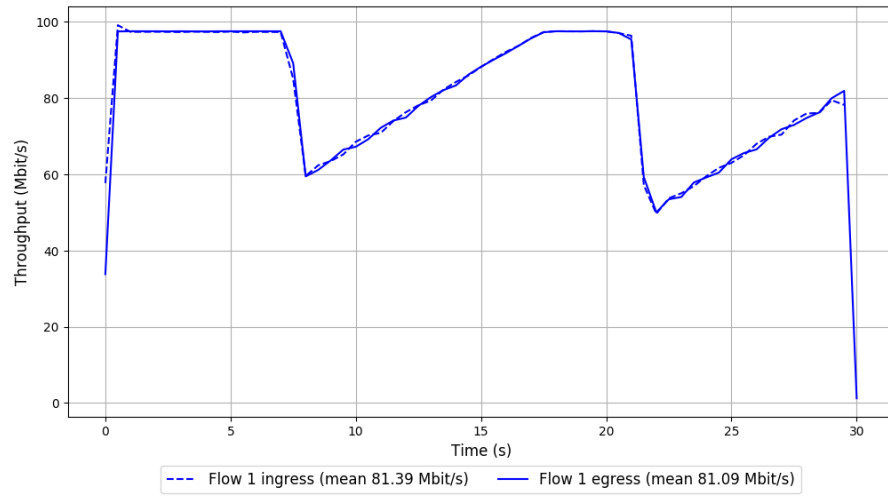


Run 4: Statistics of TCP Vegas

Start at: 2018-01-25 10:26:10  
End at: 2018-01-25 10:26:40  
Local clock offset: 1.509 ms  
Remote clock offset: -3.726 ms

# Below is generated by plot.py at 2018-01-25 13:22:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.09 Mbit/s  
95th percentile per-packet one-way delay: 49.498 ms  
Loss rate: 0.37%  
-- Flow 1:  
Average throughput: 81.09 Mbit/s  
95th percentile per-packet one-way delay: 49.498 ms  
Loss rate: 0.37%

#### Run 4: Report of TCP Vegas — Data Link

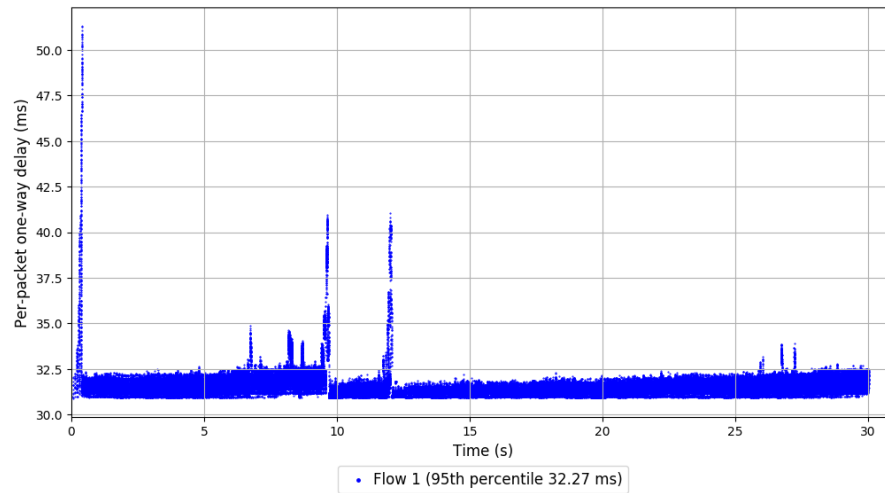
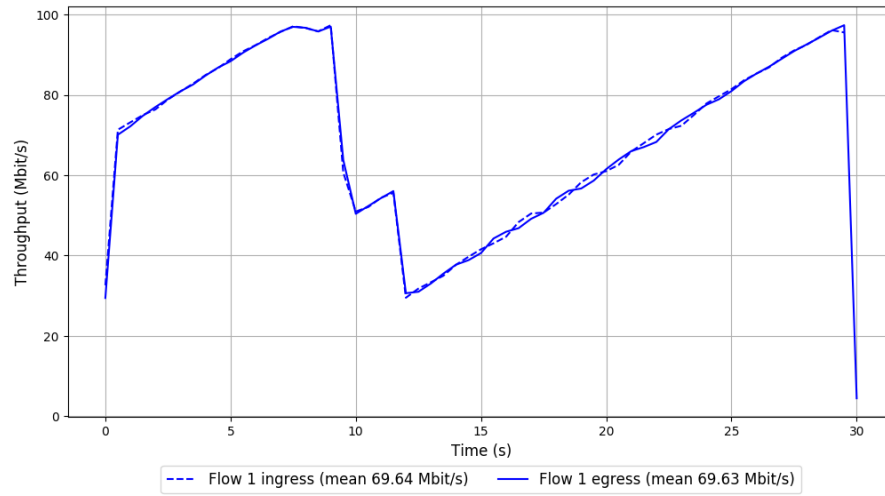


Run 5: Statistics of TCP Vegas

Start at: 2018-01-25 10:47:25  
End at: 2018-01-25 10:47:55  
Local clock offset: 1.505 ms  
Remote clock offset: -1.078 ms

# Below is generated by plot.py at 2018-01-25 13:22:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.63 Mbit/s  
95th percentile per-packet one-way delay: 32.271 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 69.63 Mbit/s  
95th percentile per-packet one-way delay: 32.271 ms  
Loss rate: 0.02%

### Run 5: Report of TCP Vegas — Data Link

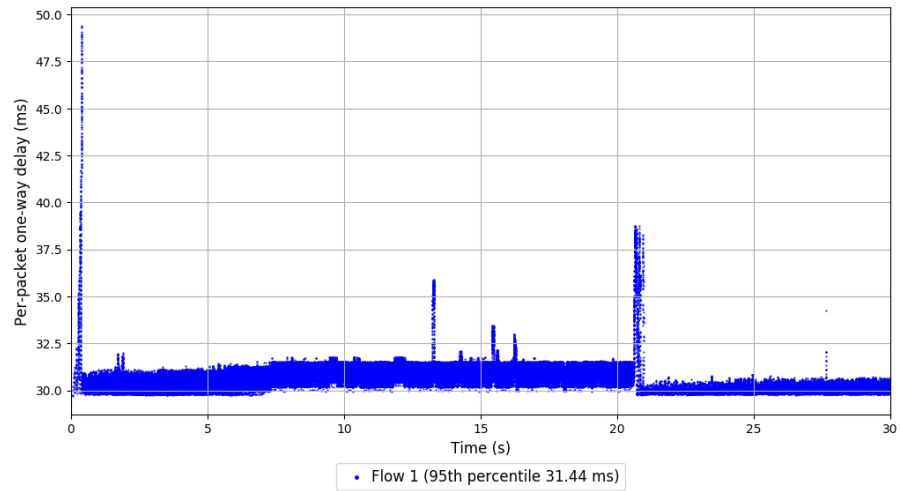
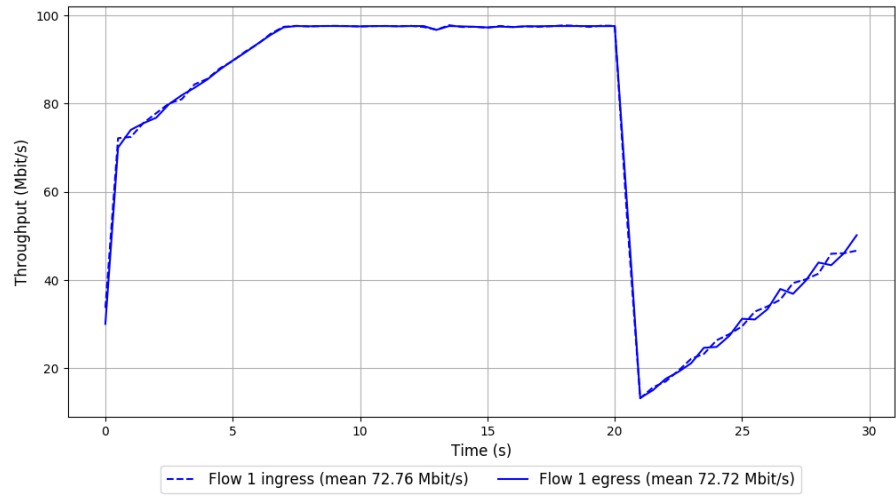


Run 6: Statistics of TCP Vegas

Start at: 2018-01-25 11:08:40  
End at: 2018-01-25 11:09:10  
Local clock offset: 1.544 ms  
Remote clock offset: -1.499 ms

# Below is generated by plot.py at 2018-01-25 13:23:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.72 Mbit/s  
95th percentile per-packet one-way delay: 31.439 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 72.72 Mbit/s  
95th percentile per-packet one-way delay: 31.439 ms  
Loss rate: 0.05%

## Run 6: Report of TCP Vegas — Data Link



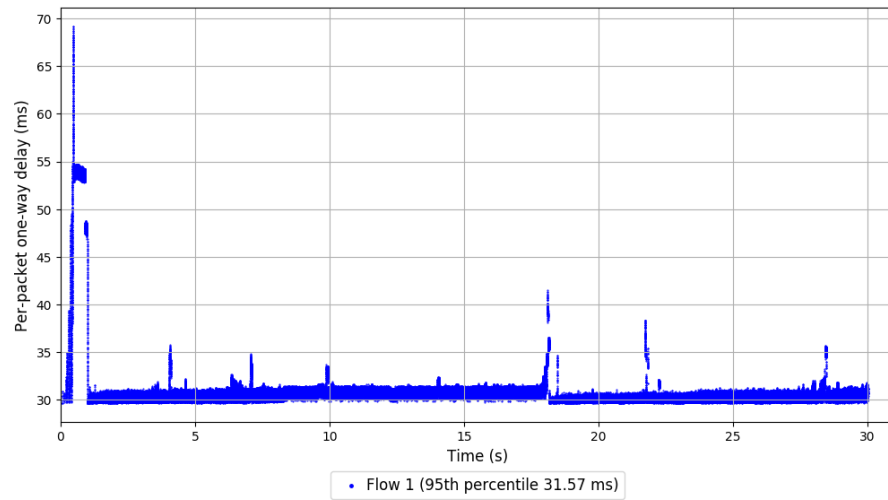
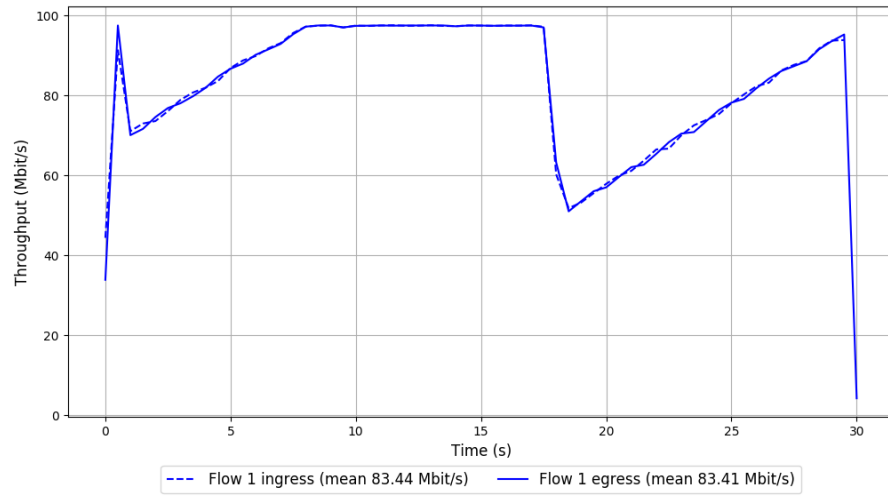
Run 7: Statistics of TCP Vegas

Start at: 2018-01-25 11:30:02  
End at: 2018-01-25 11:30:32  
Local clock offset: 1.525 ms  
Remote clock offset: -1.843 ms

# Below is generated by plot.py at 2018-01-25 13:23:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 83.41 Mbit/s  
95th percentile per-packet one-way delay: 31.574 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 83.41 Mbit/s  
95th percentile per-packet one-way delay: 31.574 ms  
Loss rate: 0.03%



### Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-01-25 11:51:22

End at: 2018-01-25 11:51:52

Local clock offset: 1.522 ms

Remote clock offset: -1.62 ms

# Below is generated by plot.py at 2018-01-25 13:23:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.39 Mbit/s

95th percentile per-packet one-way delay: 52.550 ms

Loss rate: 0.03%

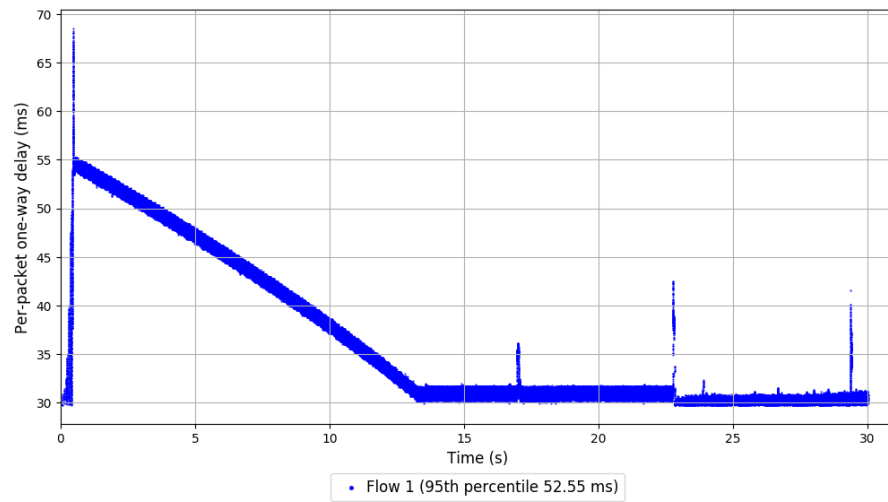
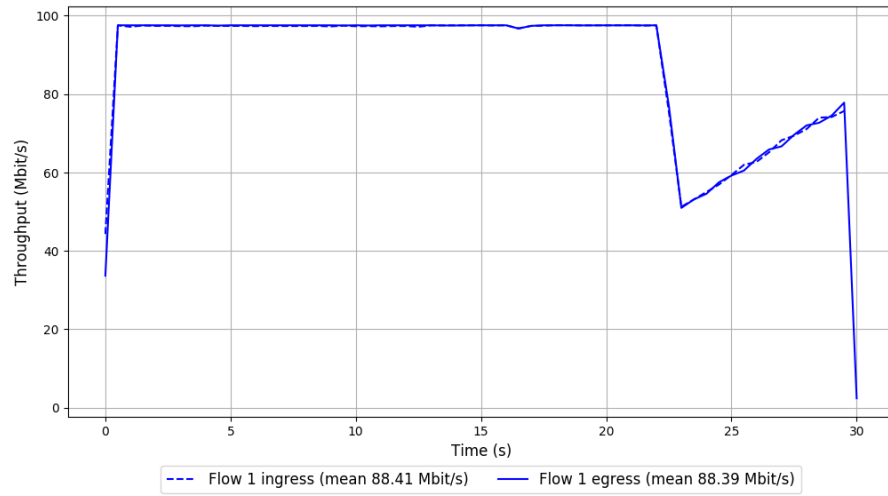
-- Flow 1:

Average throughput: 88.39 Mbit/s

95th percentile per-packet one-way delay: 52.550 ms

Loss rate: 0.03%

## Run 8: Report of TCP Vegas — Data Link

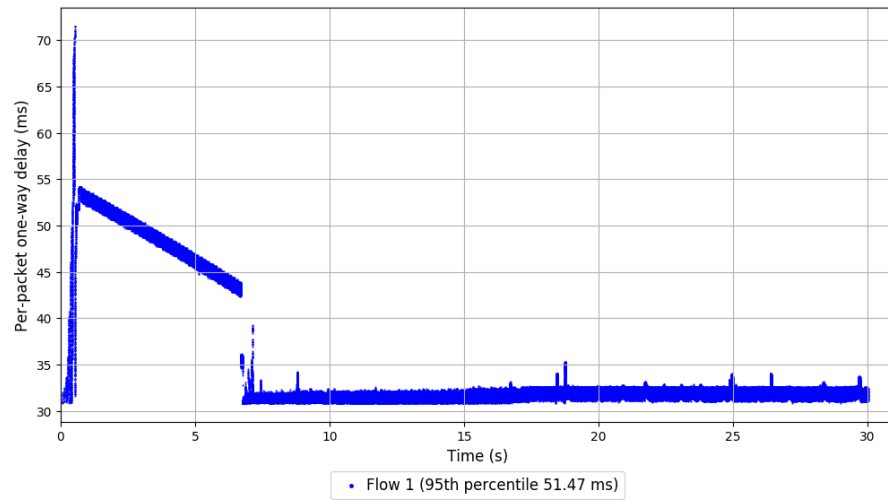
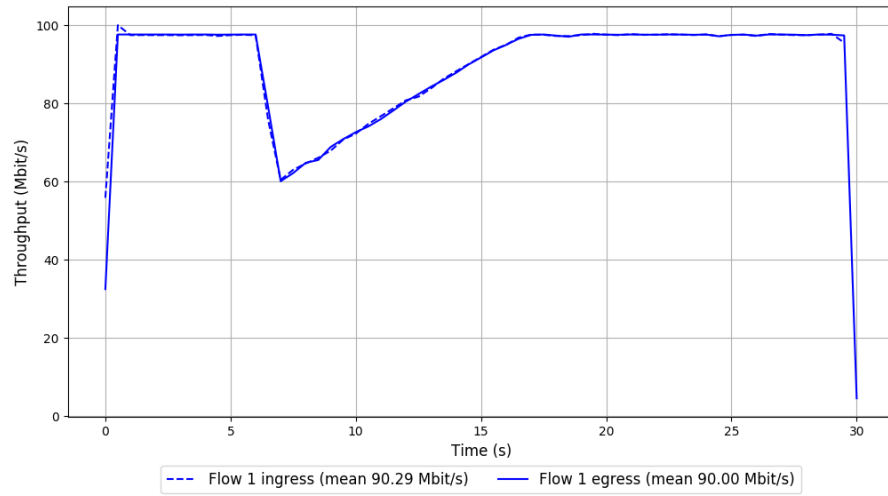


Run 9: Statistics of TCP Vegas

Start at: 2018-01-25 12:12:52  
End at: 2018-01-25 12:13:22  
Local clock offset: 1.496 ms  
Remote clock offset: -1.241 ms

# Below is generated by plot.py at 2018-01-25 13:23:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.00 Mbit/s  
95th percentile per-packet one-way delay: 51.473 ms  
Loss rate: 0.32%  
-- Flow 1:  
Average throughput: 90.00 Mbit/s  
95th percentile per-packet one-way delay: 51.473 ms  
Loss rate: 0.32%

### Run 9: Report of TCP Vegas — Data Link

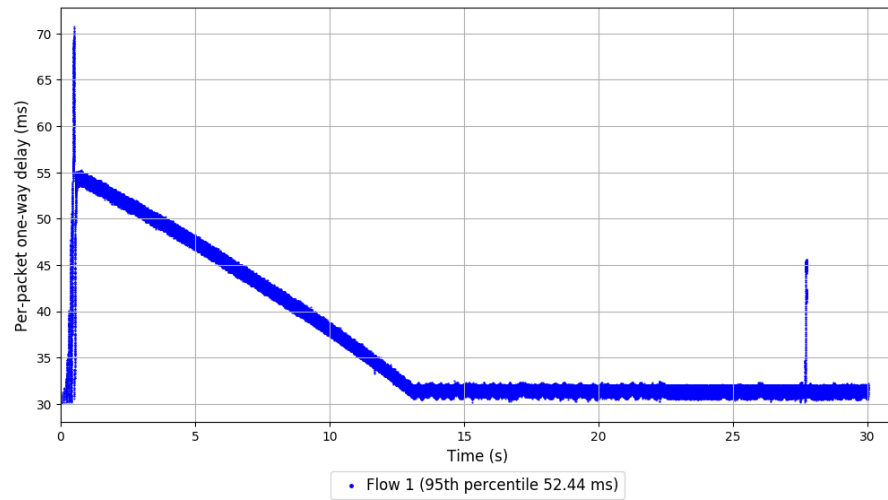
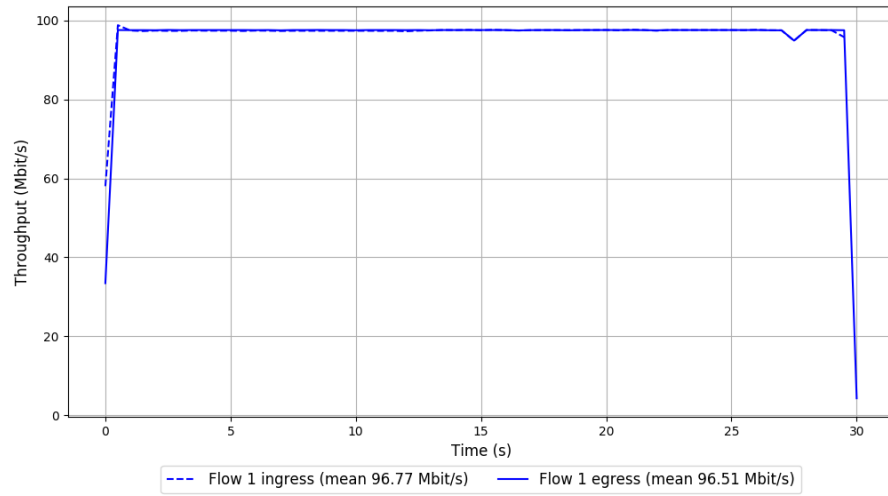


Run 10: Statistics of TCP Vegas

Start at: 2018-01-25 12:34:11  
End at: 2018-01-25 12:34:41  
Local clock offset: 1.531 ms  
Remote clock offset: -1.177 ms

# Below is generated by plot.py at 2018-01-25 13:23:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.51 Mbit/s  
95th percentile per-packet one-way delay: 52.442 ms  
Loss rate: 0.26%  
-- Flow 1:  
Average throughput: 96.51 Mbit/s  
95th percentile per-packet one-way delay: 52.442 ms  
Loss rate: 0.26%

### Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-01-25 09:18:03

End at: 2018-01-25 09:18:33

Local clock offset: 1.823 ms

Remote clock offset: -2.14 ms

# Below is generated by plot.py at 2018-01-25 13:23:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.43 Mbit/s

95th percentile per-packet one-way delay: 63.955 ms

Loss rate: 31.11%

-- Flow 1:

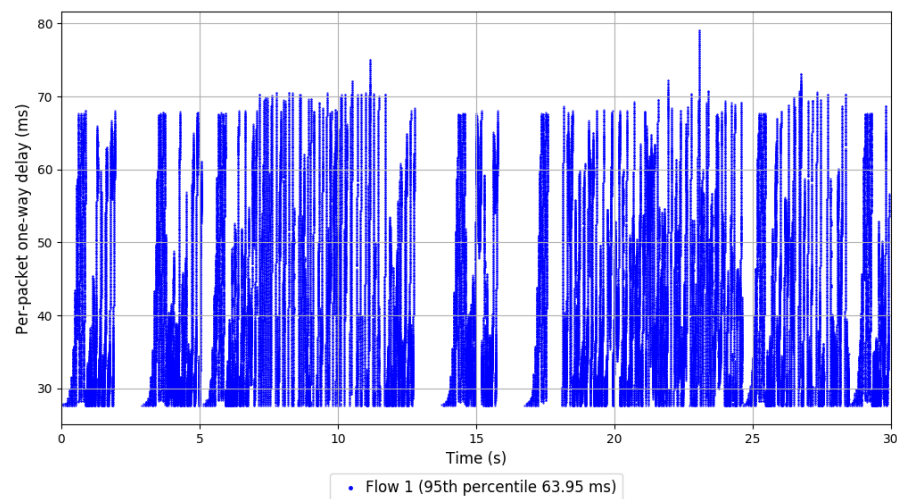
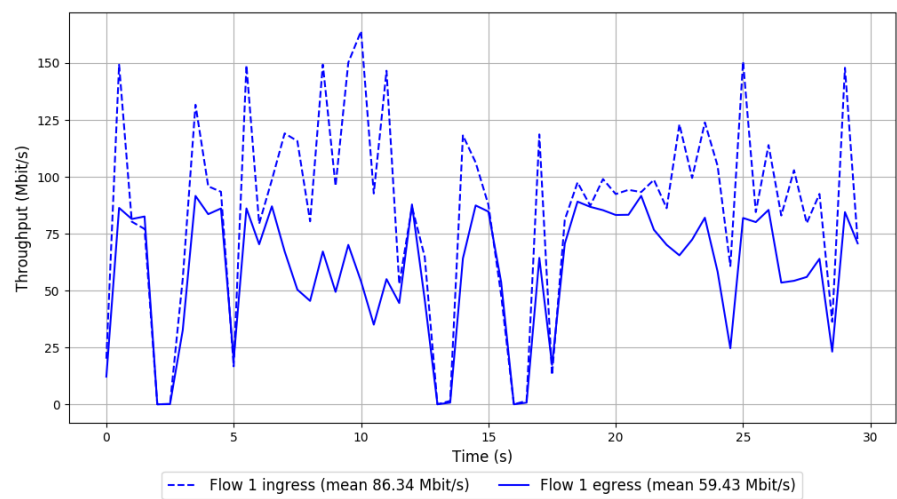
Average throughput: 59.43 Mbit/s

95th percentile per-packet one-way delay: 63.955 ms

Loss rate: 31.11%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-01-25 09:39:21

End at: 2018-01-25 09:39:51

Local clock offset: 1.638 ms

Remote clock offset: -0.13 ms

# Below is generated by plot.py at 2018-01-25 13:23:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 60.01 Mbit/s

95th percentile per-packet one-way delay: 66.200 ms

Loss rate: 20.67%

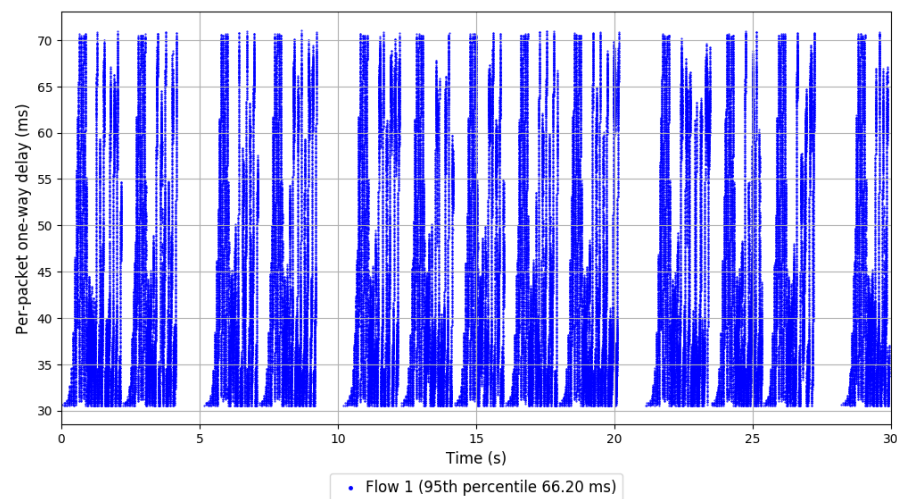
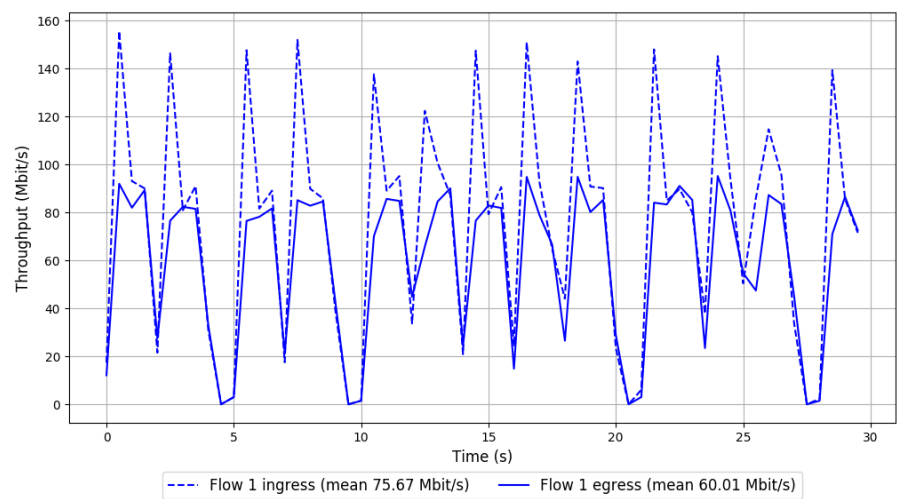
-- Flow 1:

Average throughput: 60.01 Mbit/s

95th percentile per-packet one-way delay: 66.200 ms

Loss rate: 20.67%

Run 2: Report of Verus — Data Link

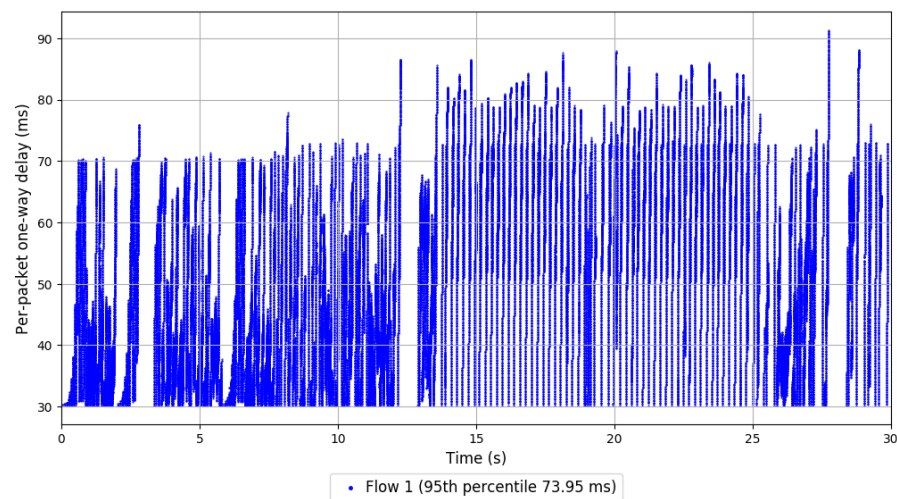
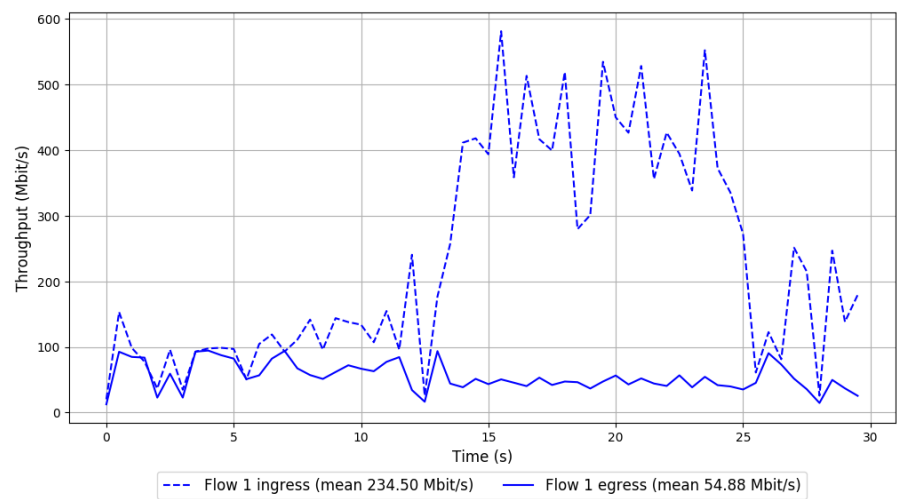


Run 3: Statistics of Verus

Start at: 2018-01-25 10:00:40  
End at: 2018-01-25 10:01:10  
Local clock offset: 1.602 ms  
Remote clock offset: -0.992 ms

# Below is generated by plot.py at 2018-01-25 13:24:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 54.88 Mbit/s  
95th percentile per-packet one-way delay: 73.946 ms  
Loss rate: 76.57%  
-- Flow 1:  
Average throughput: 54.88 Mbit/s  
95th percentile per-packet one-way delay: 73.946 ms  
Loss rate: 76.57%

Run 3: Report of Verus — Data Link

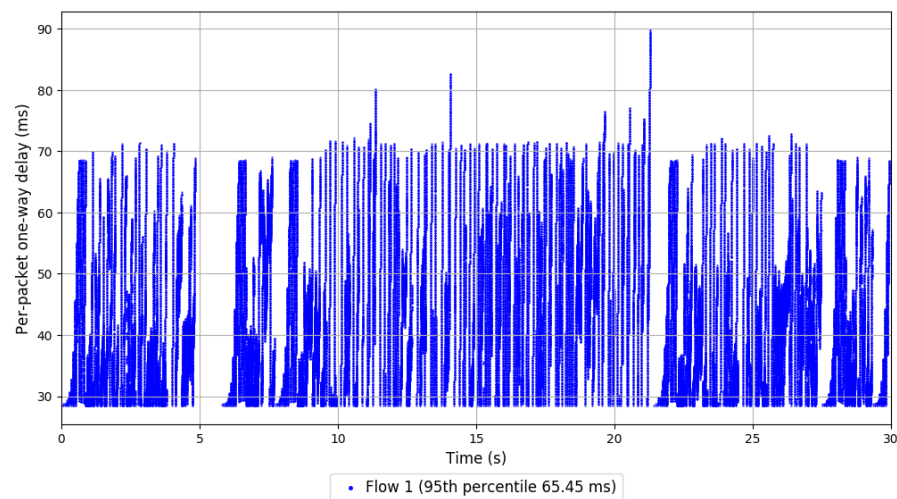
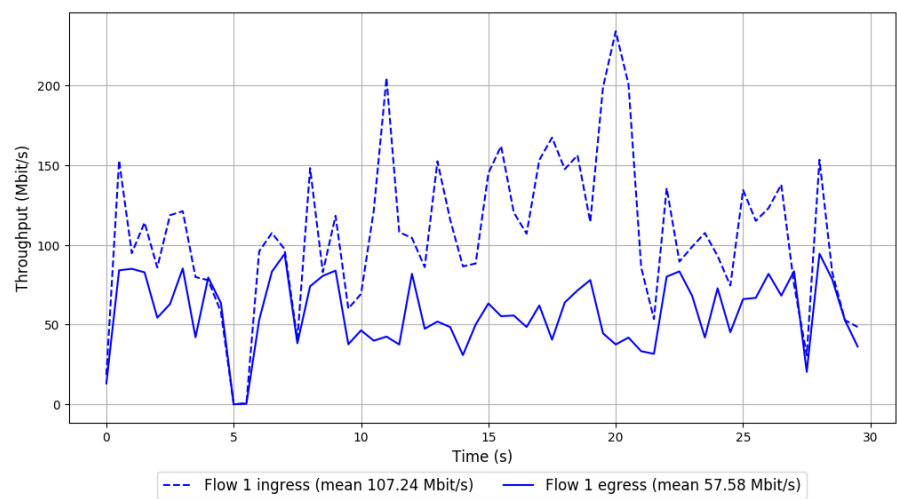


Run 4: Statistics of Verus

Start at: 2018-01-25 10:22:05  
End at: 2018-01-25 10:22:35  
Local clock offset: 1.436 ms  
Remote clock offset: -3.773 ms

# Below is generated by plot.py at 2018-01-25 13:24:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 57.58 Mbit/s  
95th percentile per-packet one-way delay: 65.452 ms  
Loss rate: 46.30%  
-- Flow 1:  
Average throughput: 57.58 Mbit/s  
95th percentile per-packet one-way delay: 65.452 ms  
Loss rate: 46.30%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-01-25 10:43:22

End at: 2018-01-25 10:43:52

Local clock offset: 1.447 ms

Remote clock offset: -1.73 ms

# Below is generated by plot.py at 2018-01-25 13:24:34

# Datalink statistics

-- Total of 1 flow:

Average throughput: 61.65 Mbit/s

95th percentile per-packet one-way delay: 65.364 ms

Loss rate: 20.06%

-- Flow 1:

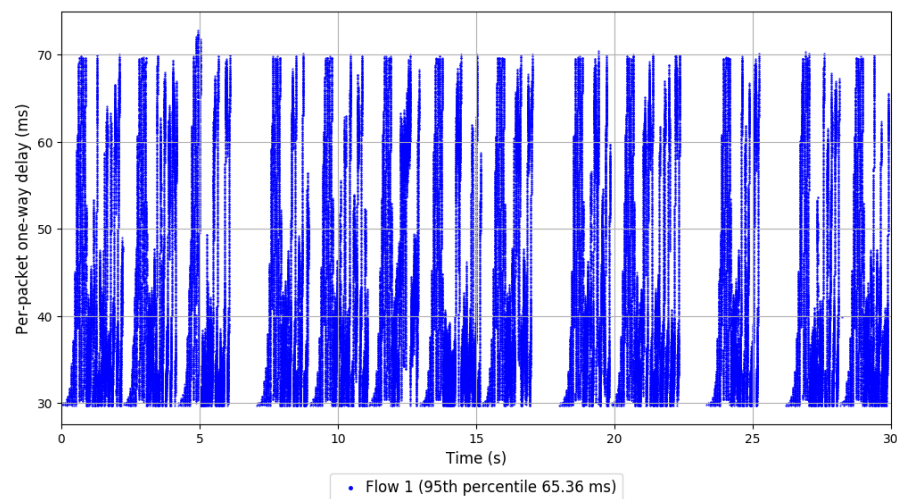
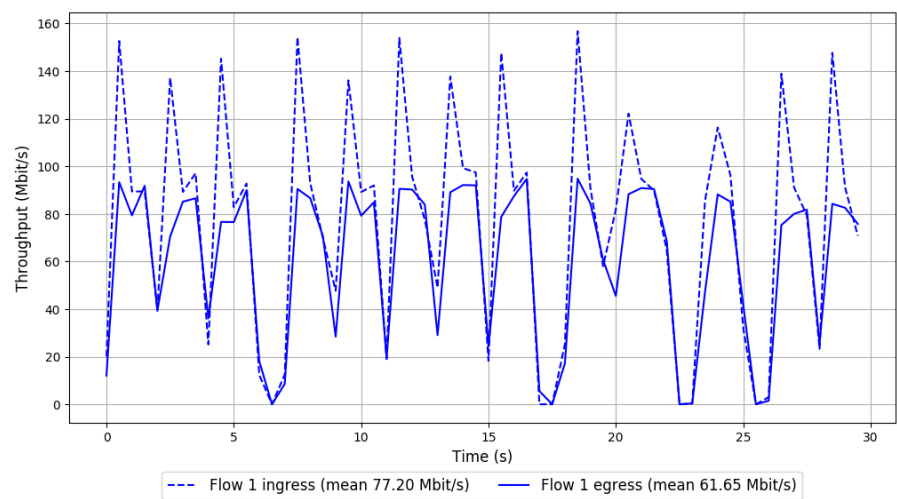
Average throughput: 61.65 Mbit/s

95th percentile per-packet one-way delay: 65.364 ms

Loss rate: 20.06%



Run 5: Report of Verus — Data Link

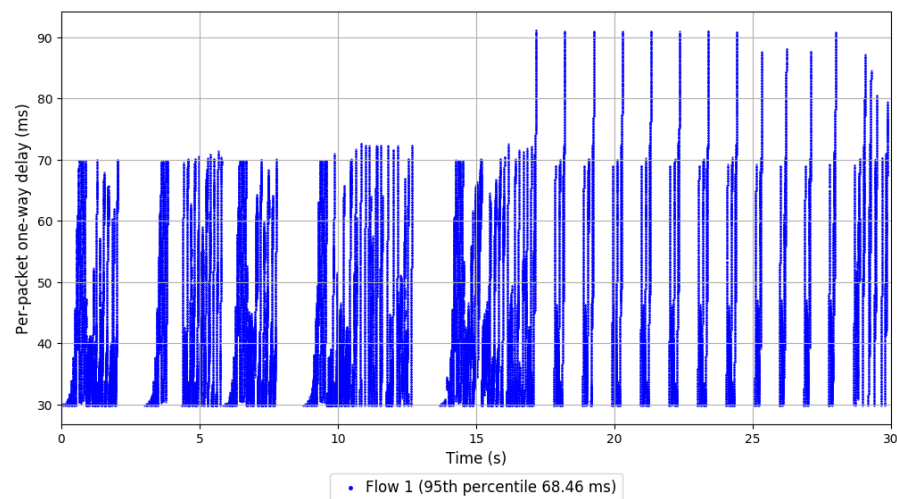
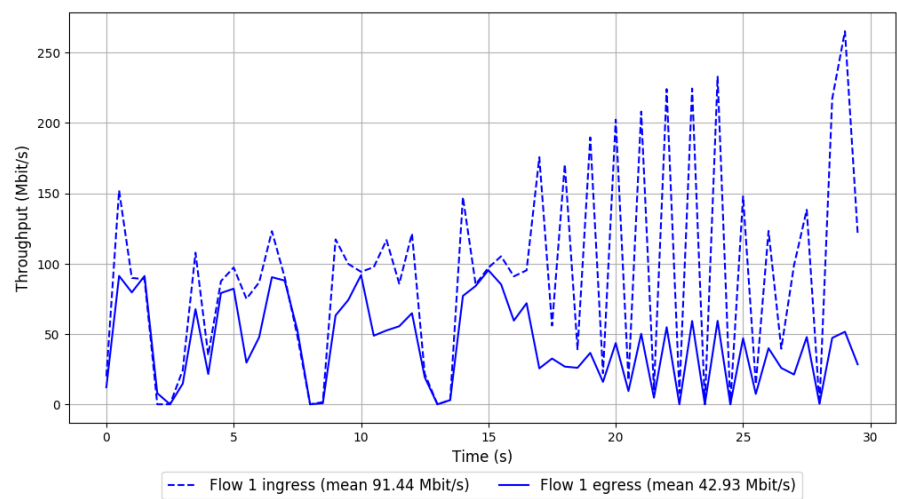


Run 6: Statistics of Verus

Start at: 2018-01-25 11:04:38  
End at: 2018-01-25 11:05:08  
Local clock offset: 1.545 ms  
Remote clock offset: -1.405 ms

# Below is generated by plot.py at 2018-01-25 13:24:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.93 Mbit/s  
95th percentile per-packet one-way delay: 68.463 ms  
Loss rate: 52.99%  
-- Flow 1:  
Average throughput: 42.93 Mbit/s  
95th percentile per-packet one-way delay: 68.463 ms  
Loss rate: 52.99%

Run 6: Report of Verus — Data Link

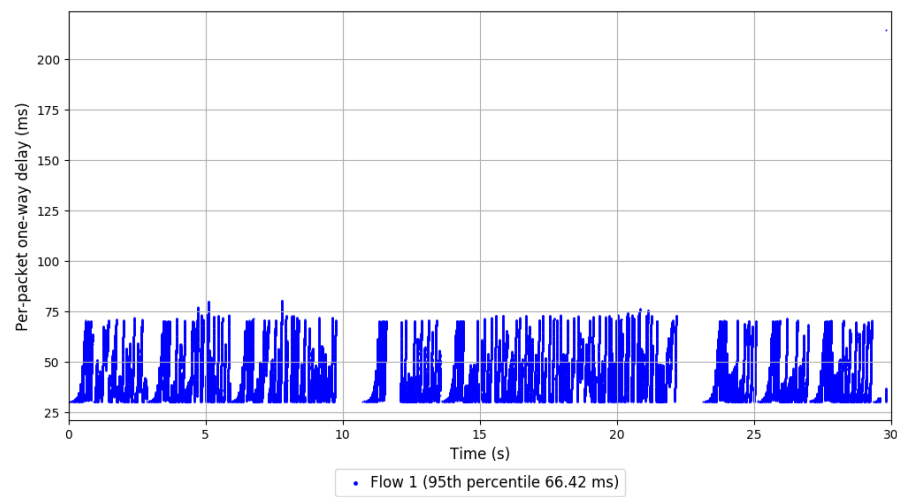
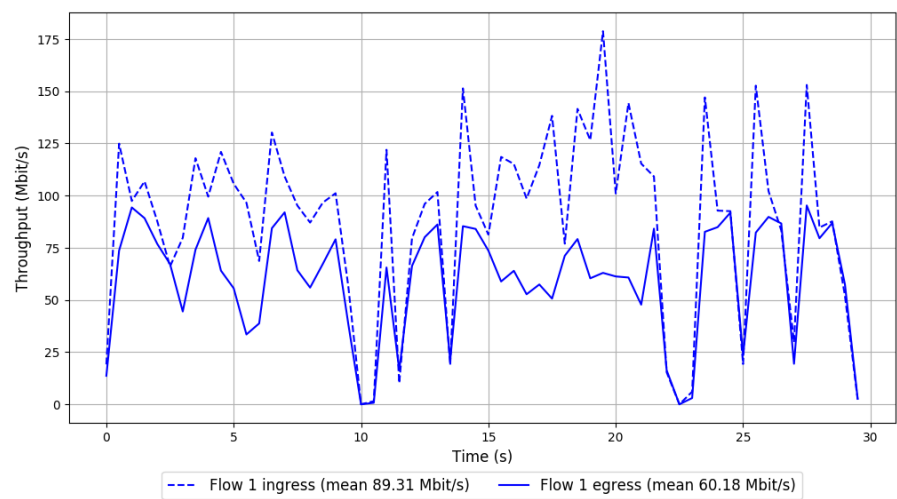


Run 7: Statistics of Verus

Start at: 2018-01-25 11:25:57  
End at: 2018-01-25 11:26:27  
Local clock offset: 1.536 ms  
Remote clock offset: -1.739 ms

# Below is generated by plot.py at 2018-01-25 13:24:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.18 Mbit/s  
95th percentile per-packet one-way delay: 66.416 ms  
Loss rate: 32.60%  
-- Flow 1:  
Average throughput: 60.18 Mbit/s  
95th percentile per-packet one-way delay: 66.416 ms  
Loss rate: 32.60%

Run 7: Report of Verus — Data Link

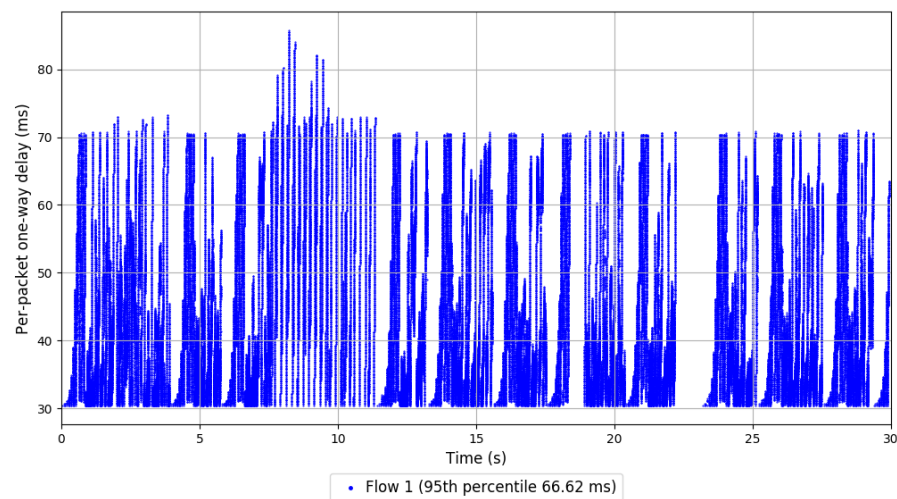
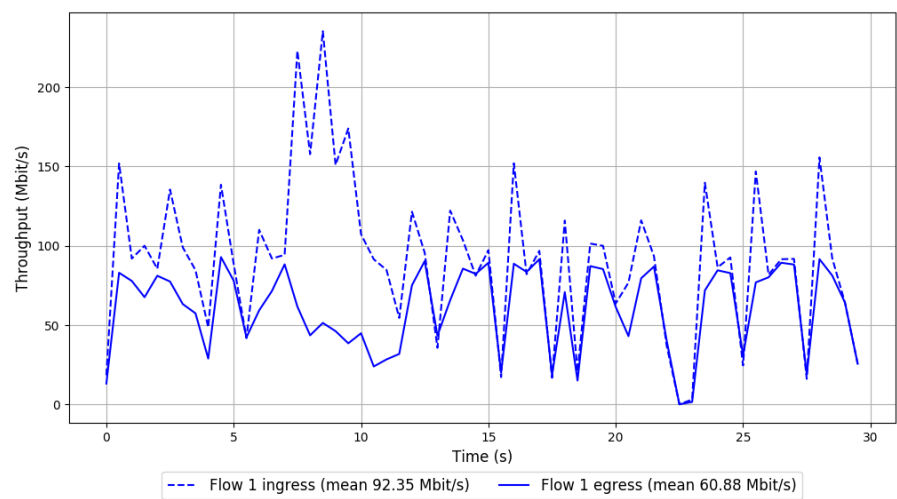


Run 8: Statistics of Verus

Start at: 2018-01-25 11:47:15  
End at: 2018-01-25 11:47:45  
Local clock offset: 1.529 ms  
Remote clock offset: -1.615 ms

# Below is generated by plot.py at 2018-01-25 13:24:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.88 Mbit/s  
95th percentile per-packet one-way delay: 66.622 ms  
Loss rate: 34.00%  
-- Flow 1:  
Average throughput: 60.88 Mbit/s  
95th percentile per-packet one-way delay: 66.622 ms  
Loss rate: 34.00%

Run 8: Report of Verus — Data Link



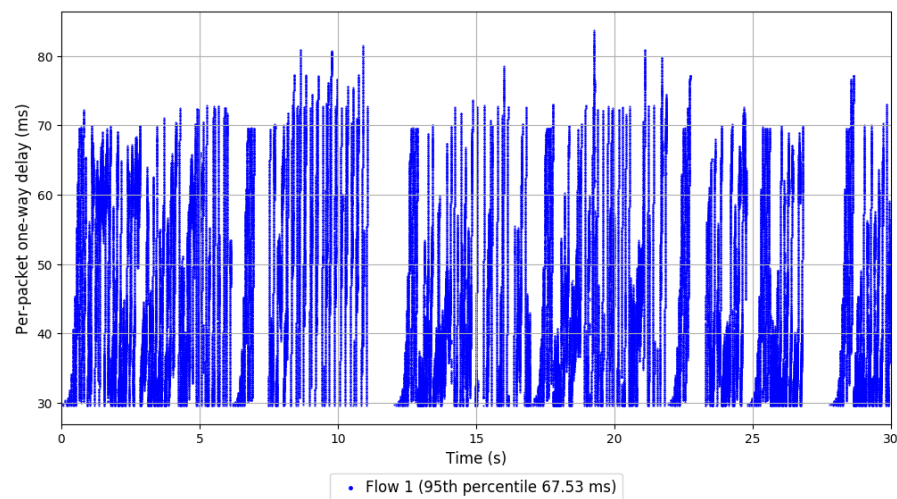
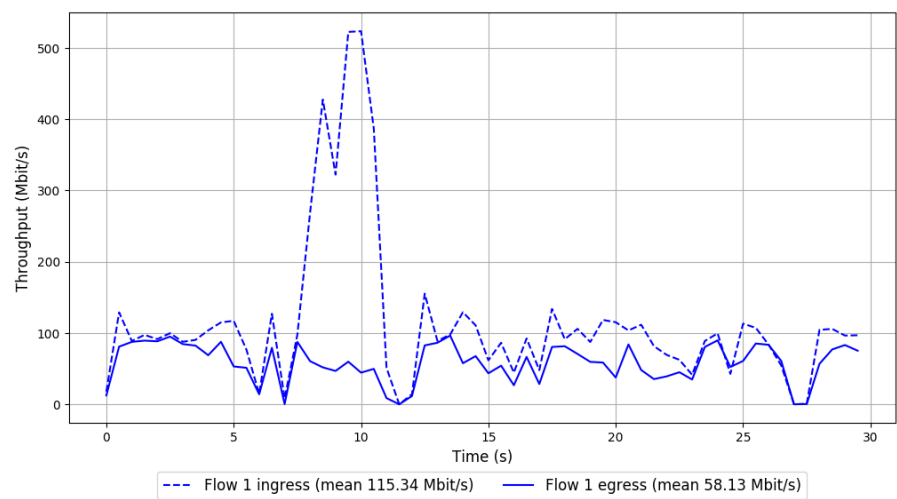
Run 9: Statistics of Verus

Start at: 2018-01-25 12:08:43  
End at: 2018-01-25 12:09:13  
Local clock offset: 1.536 ms  
Remote clock offset: -1.739 ms

# Below is generated by plot.py at 2018-01-25 13:24:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.13 Mbit/s  
95th percentile per-packet one-way delay: 67.525 ms  
Loss rate: 49.55%  
-- Flow 1:  
Average throughput: 58.13 Mbit/s  
95th percentile per-packet one-way delay: 67.525 ms  
Loss rate: 49.55%



Run 9: Report of Verus — Data Link

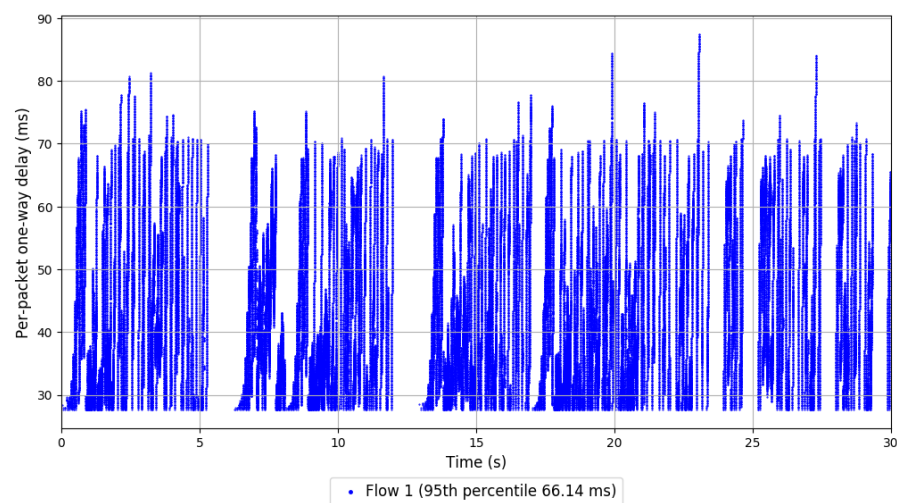
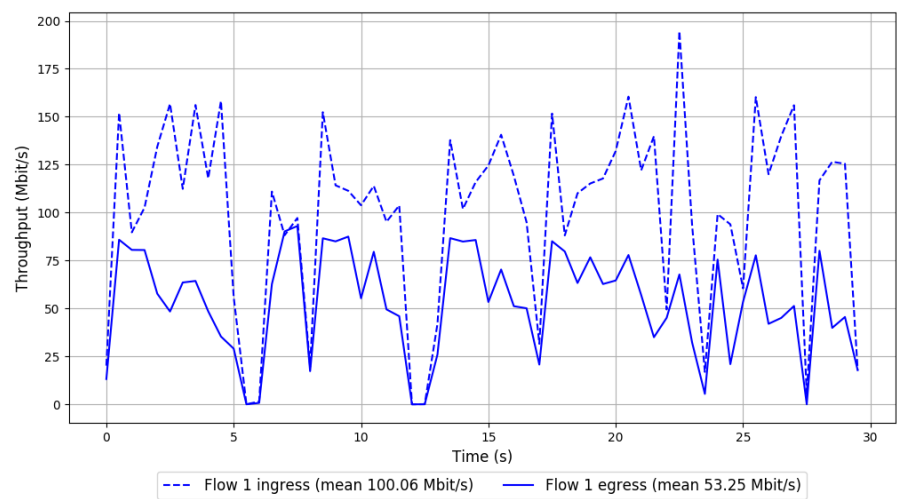


Run 10: Statistics of Verus

Start at: 2018-01-25 12:30:07  
End at: 2018-01-25 12:30:37  
Local clock offset: 1.437 ms  
Remote clock offset: -3.724 ms

# Below is generated by plot.py at 2018-01-25 13:24:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 53.25 Mbit/s  
95th percentile per-packet one-way delay: 66.142 ms  
Loss rate: 46.73%  
-- Flow 1:  
Average throughput: 53.25 Mbit/s  
95th percentile per-packet one-way delay: 66.142 ms  
Loss rate: 46.73%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-01-25 09:34:02

End at: 2018-01-25 09:34:32

Local clock offset: 1.764 ms

Remote clock offset: 0.345 ms

# Below is generated by plot.py at 2018-01-25 13:26:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.07 Mbit/s

95th percentile per-packet one-way delay: 32.567 ms

Loss rate: 0.00%

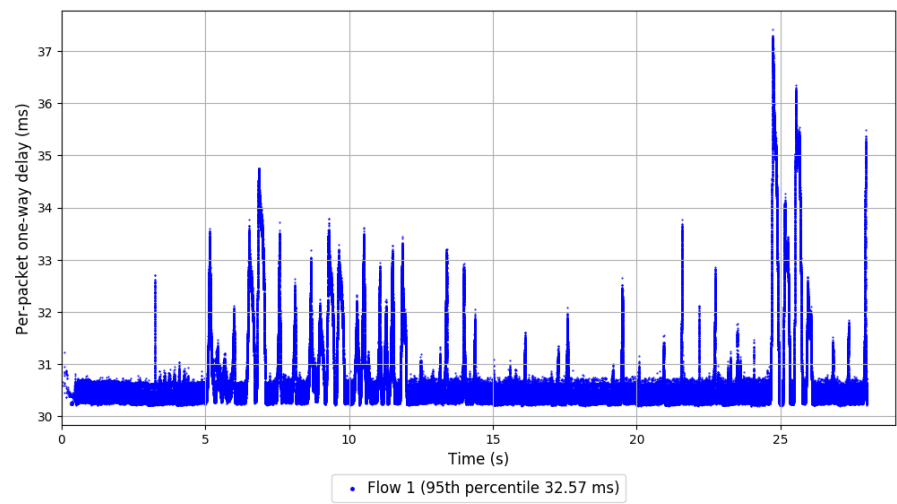
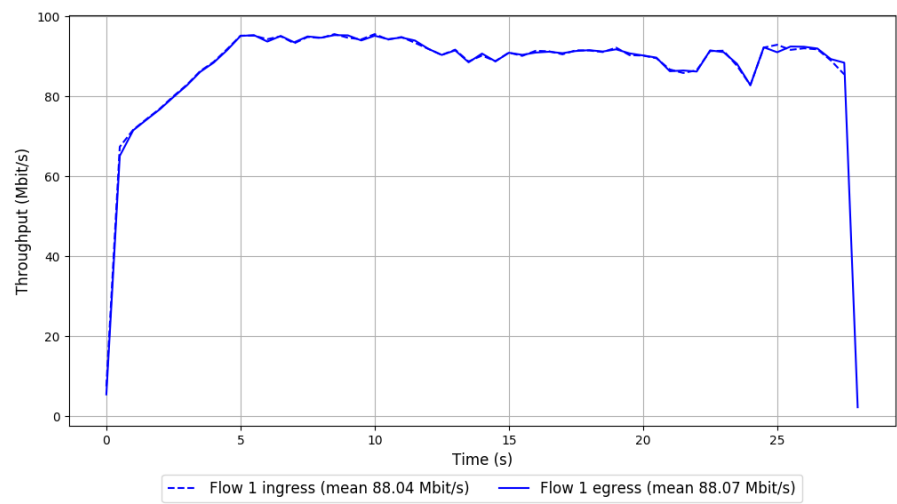
-- Flow 1:

Average throughput: 88.07 Mbit/s

95th percentile per-packet one-way delay: 32.567 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

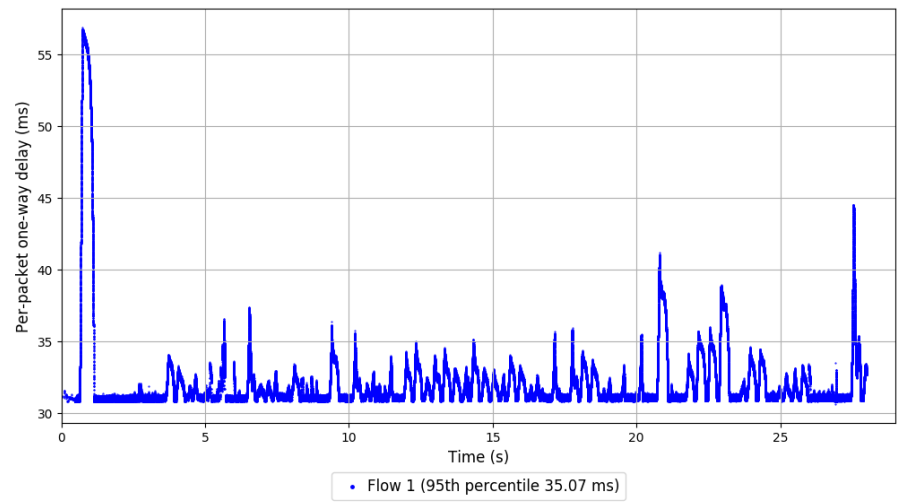
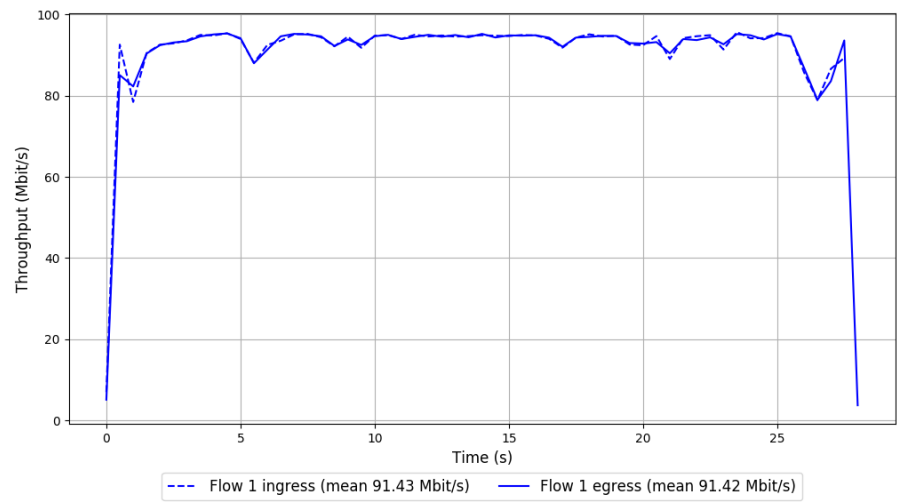


Run 2: Statistics of Copa

Start at: 2018-01-25 09:55:19  
End at: 2018-01-25 09:55:49  
Local clock offset: 1.671 ms  
Remote clock offset: -0.668 ms

# Below is generated by plot.py at 2018-01-25 13:26:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.42 Mbit/s  
95th percentile per-packet one-way delay: 35.072 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.42 Mbit/s  
95th percentile per-packet one-way delay: 35.072 ms  
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



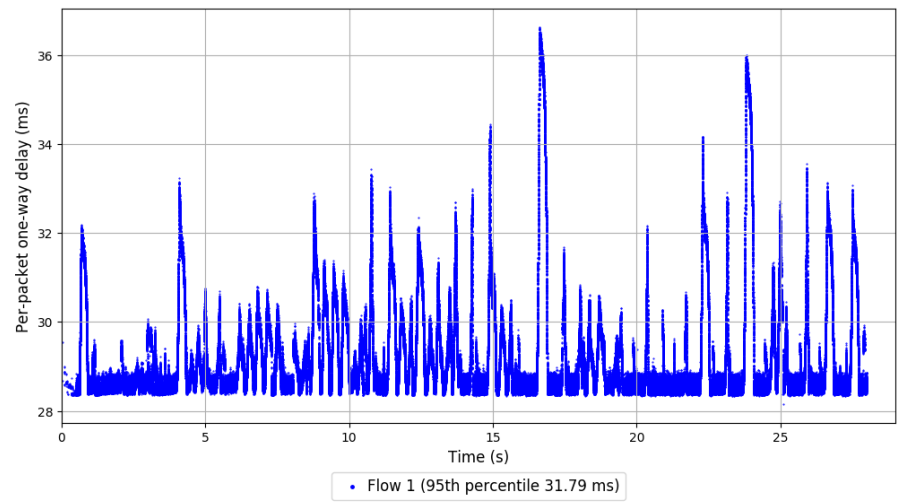
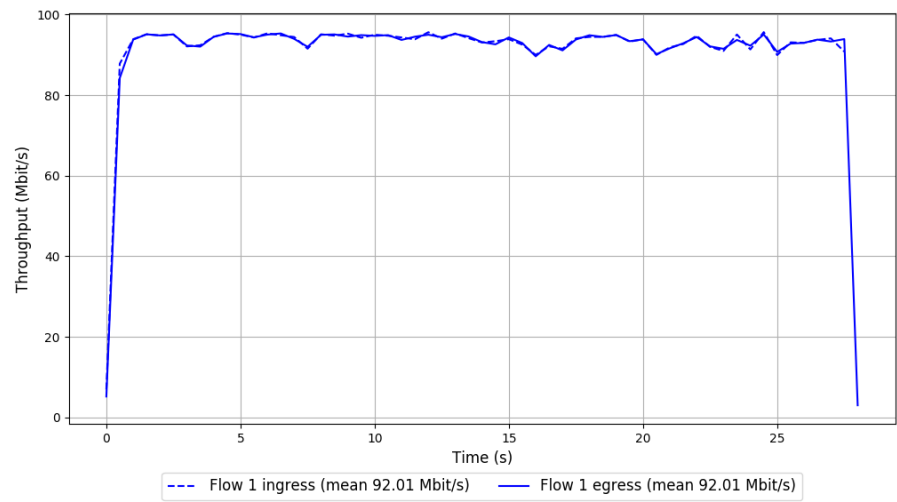
Run 3: Statistics of Copa

Start at: 2018-01-25 10:16:43  
End at: 2018-01-25 10:17:13  
Local clock offset: 1.422 ms  
Remote clock offset: -4.048 ms

# Below is generated by plot.py at 2018-01-25 13:26:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.01 Mbit/s  
95th percentile per-packet one-way delay: 31.789 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.01 Mbit/s  
95th percentile per-packet one-way delay: 31.789 ms  
Loss rate: 0.00%



Run 3: Report of Copa — Data Link

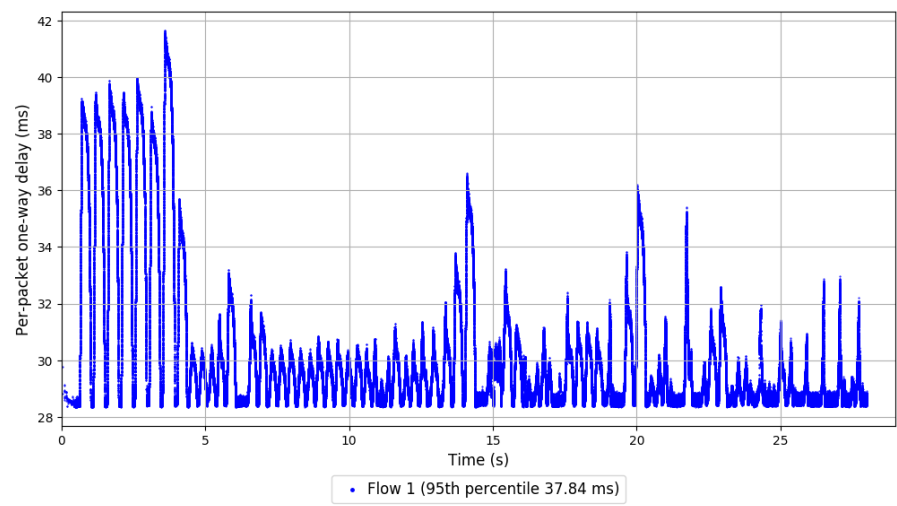
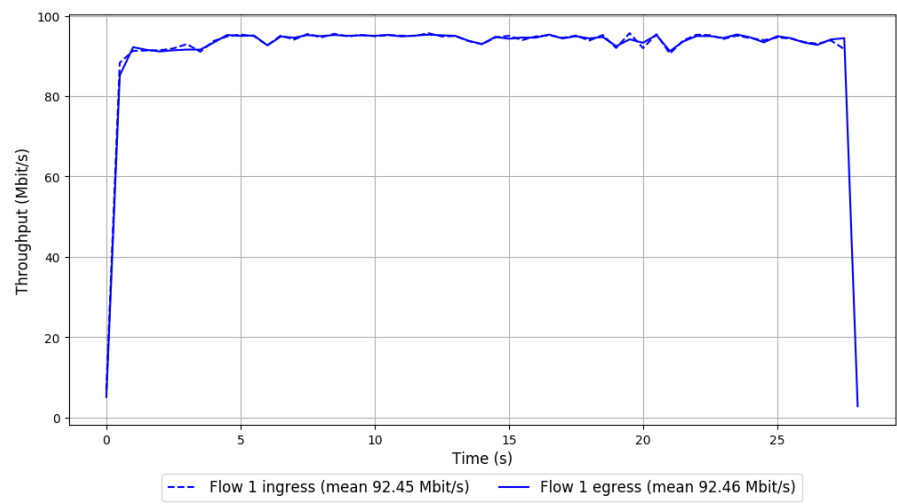


Run 4: Statistics of Copa

Start at: 2018-01-25 10:38:05  
End at: 2018-01-25 10:38:35  
Local clock offset: 1.424 ms  
Remote clock offset: -3.874 ms

# Below is generated by plot.py at 2018-01-25 13:26:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.46 Mbit/s  
95th percentile per-packet one-way delay: 37.844 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.46 Mbit/s  
95th percentile per-packet one-way delay: 37.844 ms  
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-01-25 10:59:19

End at: 2018-01-25 10:59:49

Local clock offset: 1.508 ms

Remote clock offset: -1.49 ms

# Below is generated by plot.py at 2018-01-25 13:26:53

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.08 Mbit/s

95th percentile per-packet one-way delay: 32.670 ms

Loss rate: 0.00%

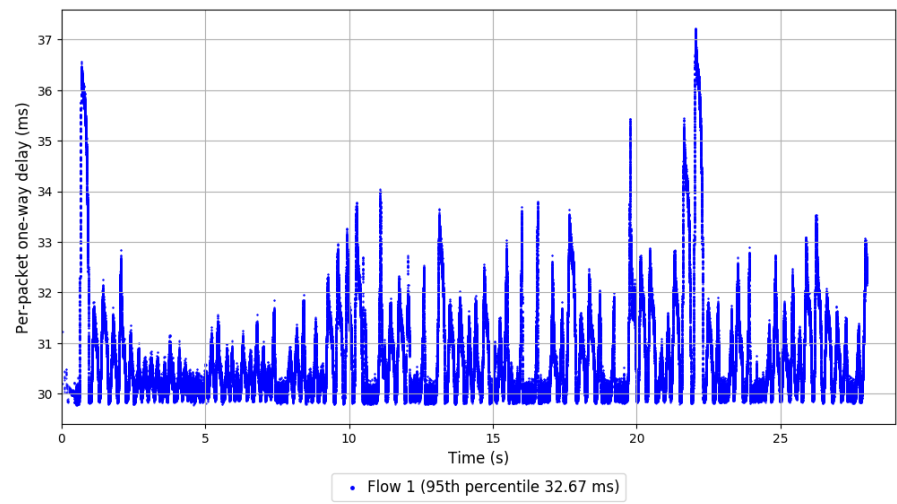
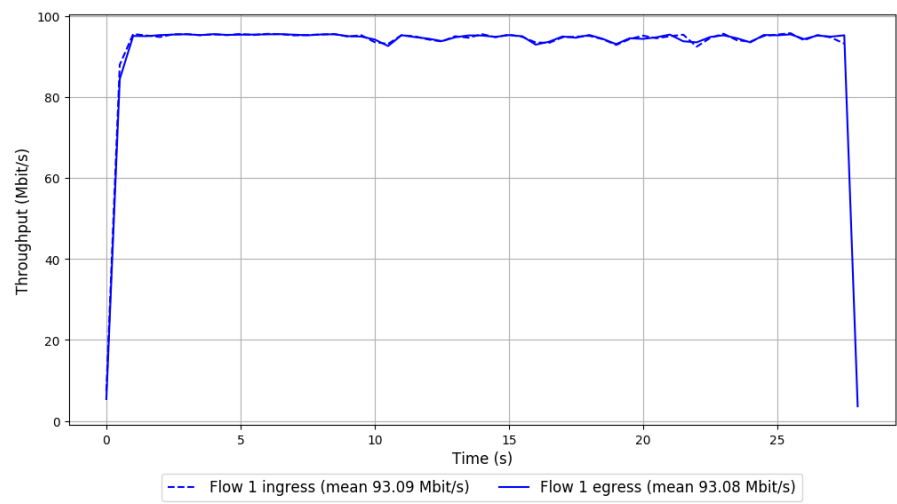
-- Flow 1:

Average throughput: 93.08 Mbit/s

95th percentile per-packet one-way delay: 32.670 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-01-25 11:20:35

End at: 2018-01-25 11:21:05

Local clock offset: 1.506 ms

Remote clock offset: -3.73 ms

# Below is generated by plot.py at 2018-01-25 13:26:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.47 Mbit/s

95th percentile per-packet one-way delay: 32.656 ms

Loss rate: 0.00%

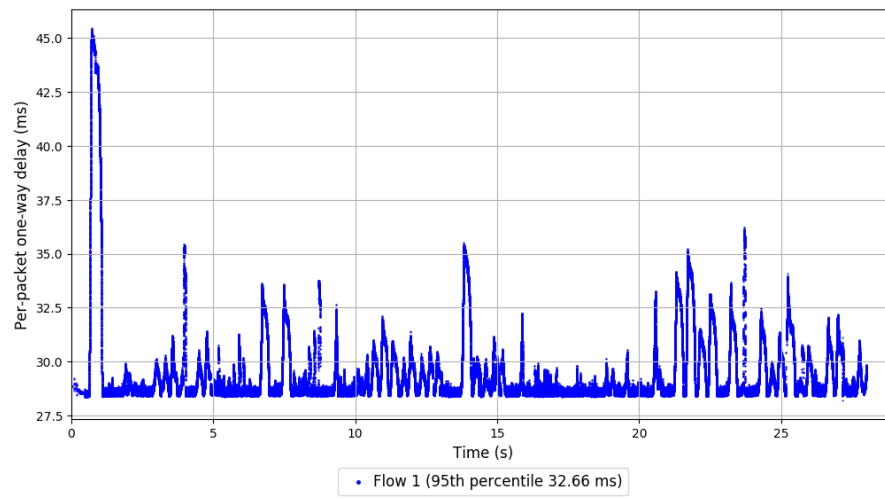
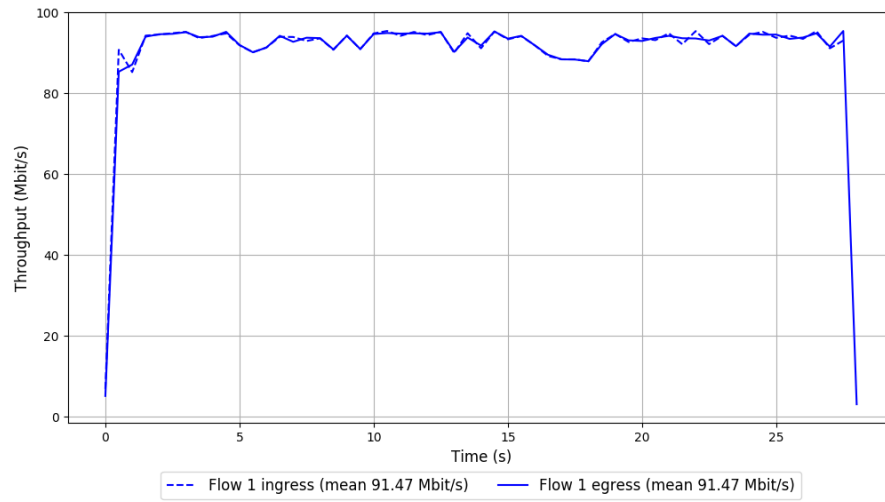
-- Flow 1:

Average throughput: 91.47 Mbit/s

95th percentile per-packet one-way delay: 32.656 ms

Loss rate: 0.00%

### Run 6: Report of Copa — Data Link



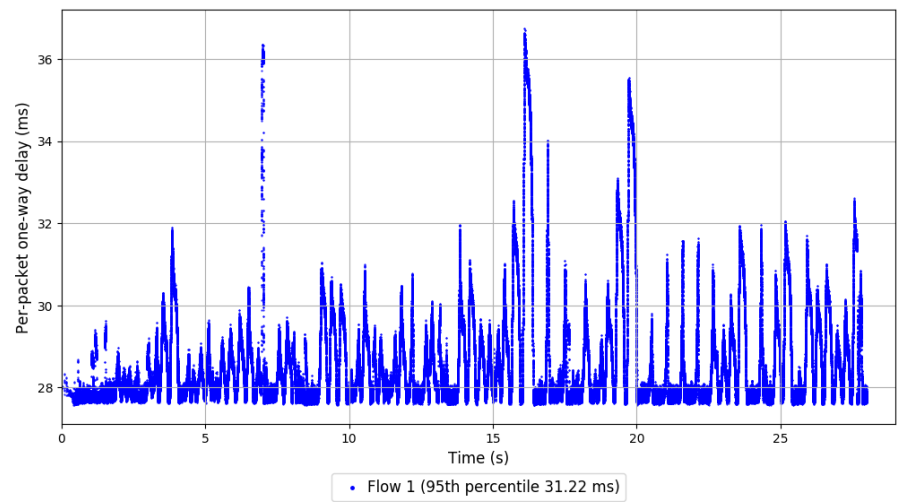
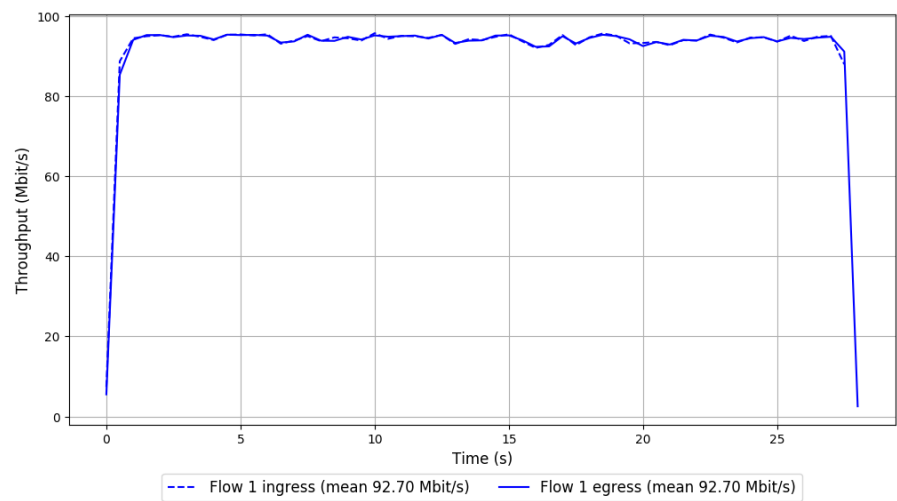
Run 7: Statistics of Copa

Start at: 2018-01-25 11:41:56  
End at: 2018-01-25 11:42:26  
Local clock offset: 1.538 ms  
Remote clock offset: -3.814 ms

# Below is generated by plot.py at 2018-01-25 13:27:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.70 Mbit/s  
95th percentile per-packet one-way delay: 31.223 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.70 Mbit/s  
95th percentile per-packet one-way delay: 31.223 ms  
Loss rate: 0.00%



Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

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

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

Local clock offset: 1.504 ms

Remote clock offset: -1.69 ms

# Below is generated by plot.py at 2018-01-25 13:27:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.42 Mbit/s

95th percentile per-packet one-way delay: 36.151 ms

Loss rate: 0.01%

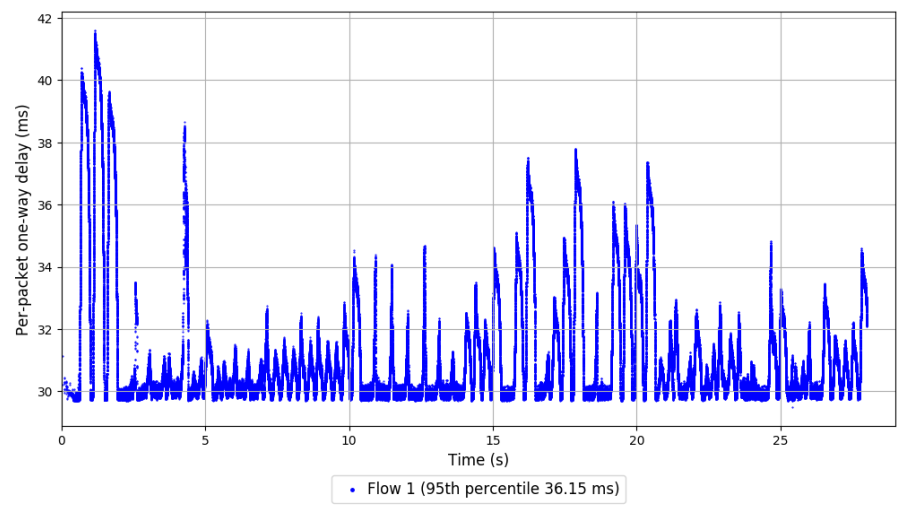
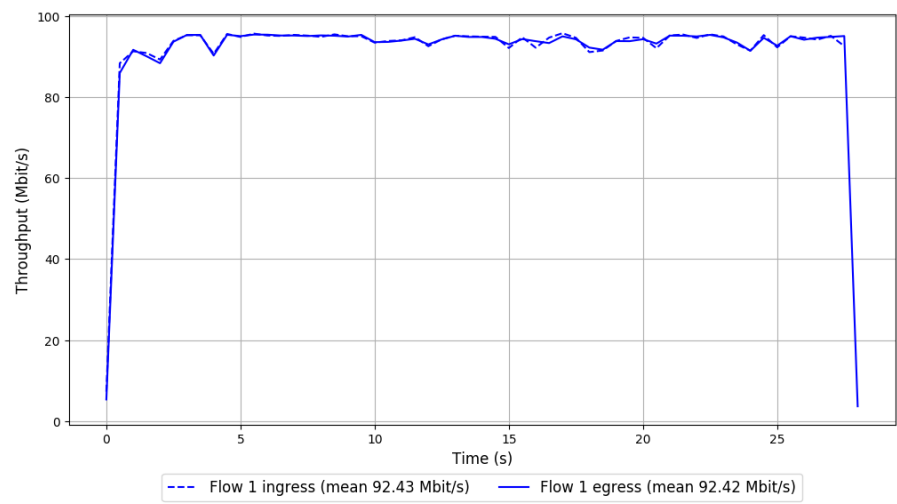
-- Flow 1:

Average throughput: 92.42 Mbit/s

95th percentile per-packet one-way delay: 36.151 ms

Loss rate: 0.01%

Run 8: Report of Copa — Data Link

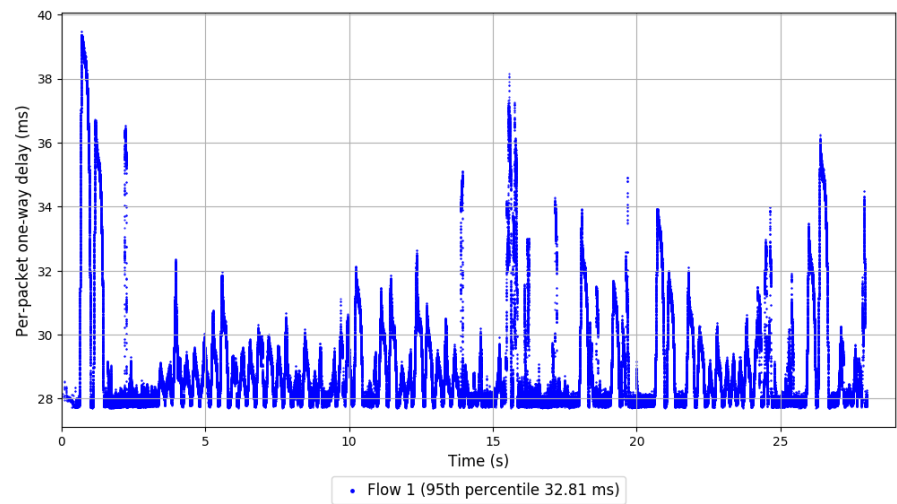
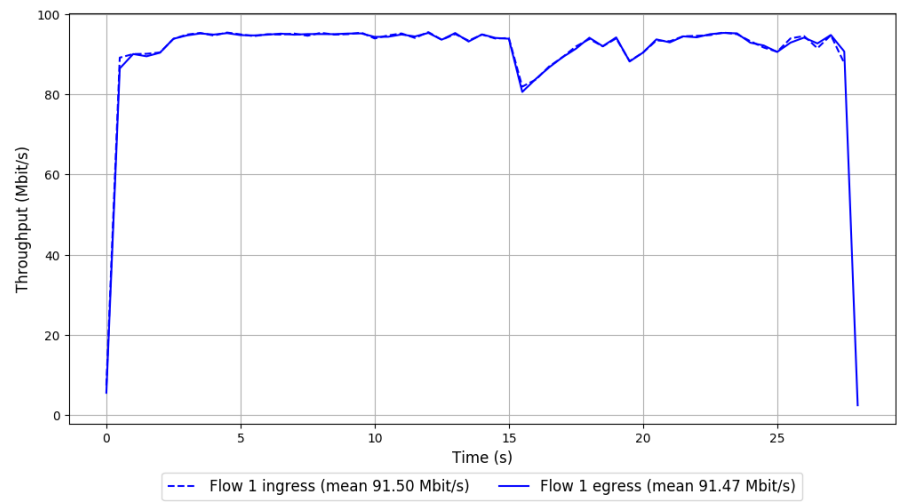


Run 9: Statistics of Copa

Start at: 2018-01-25 12:24:49  
End at: 2018-01-25 12:25:19  
Local clock offset: 1.433 ms  
Remote clock offset: -3.689 ms

# Below is generated by plot.py at 2018-01-25 13:28:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.47 Mbit/s  
95th percentile per-packet one-way delay: 32.814 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 91.47 Mbit/s  
95th percentile per-packet one-way delay: 32.814 ms  
Loss rate: 0.04%

Run 9: Report of Copa — Data Link

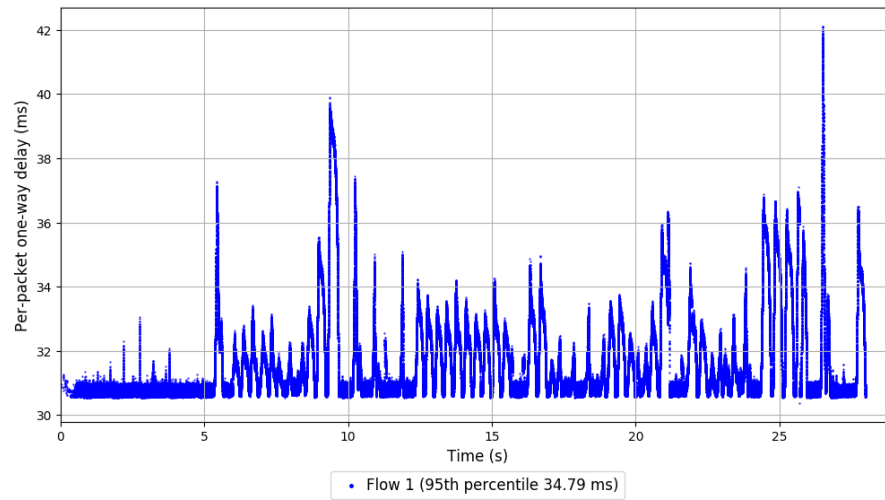
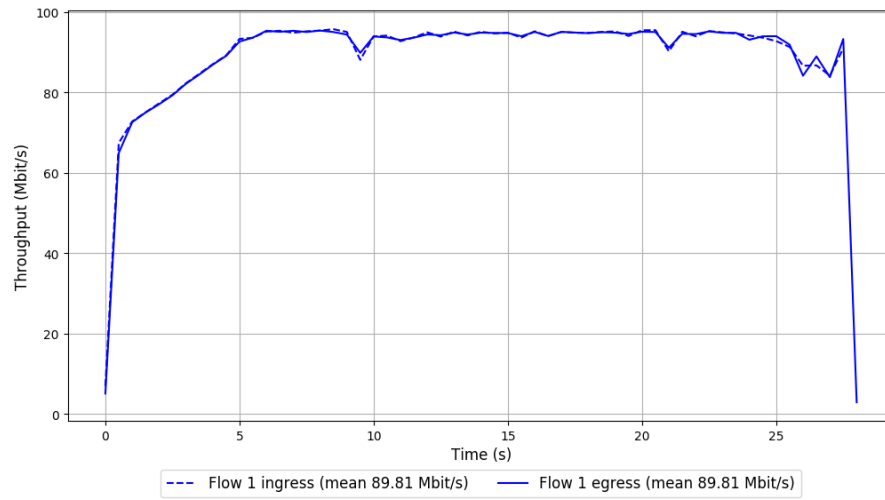


Run 10: Statistics of Copa

Start at: 2018-01-25 12:46:03  
End at: 2018-01-25 12:46:33  
Local clock offset: 1.346 ms  
Remote clock offset: -1.584 ms

# Below is generated by plot.py at 2018-01-25 13:28:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.81 Mbit/s  
95th percentile per-packet one-way delay: 34.787 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.81 Mbit/s  
95th percentile per-packet one-way delay: 34.787 ms  
Loss rate: 0.00%

### Run 10: Report of Copa — Data Link



Run 1: Statistics of Indigo-2-256

Start at: 2018-01-25 09:19:23

End at: 2018-01-25 09:19:53

Local clock offset: 1.847 ms

Remote clock offset: -2.288 ms

# Below is generated by plot.py at 2018-01-25 13:28:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 32.189 ms

Loss rate: 0.06%

-- Flow 1:

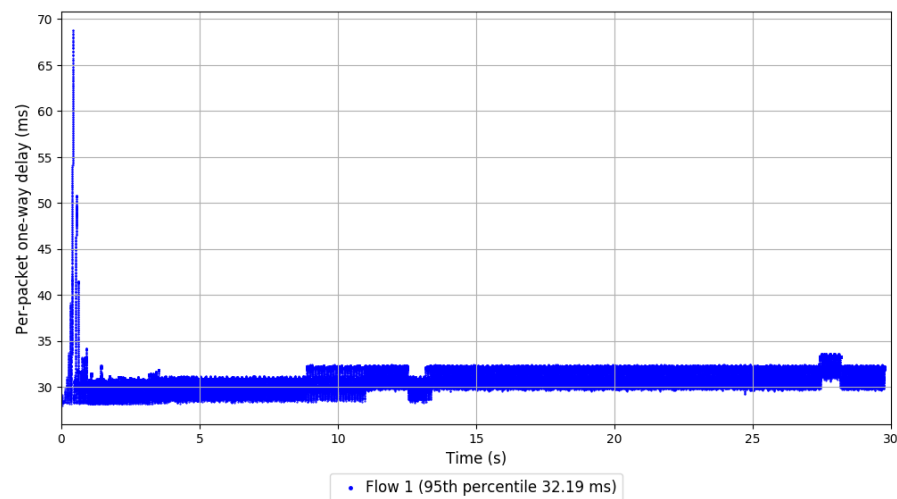
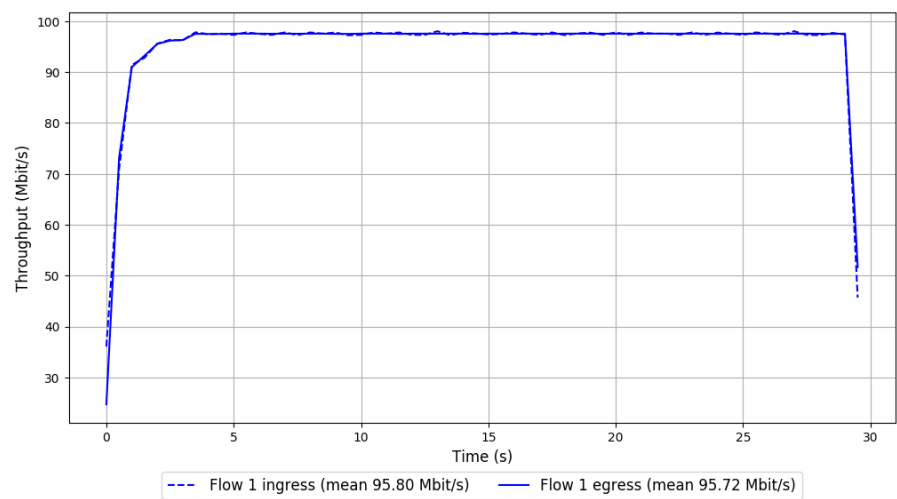
Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 32.189 ms

Loss rate: 0.06%



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



Run 2: Statistics of Indigo-2-256

Start at: 2018-01-25 09:40:41

End at: 2018-01-25 09:41:11

Local clock offset: 1.63 ms

Remote clock offset: 0.357 ms

# Below is generated by plot.py at 2018-01-25 13:28:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 36.161 ms

Loss rate: 0.10%

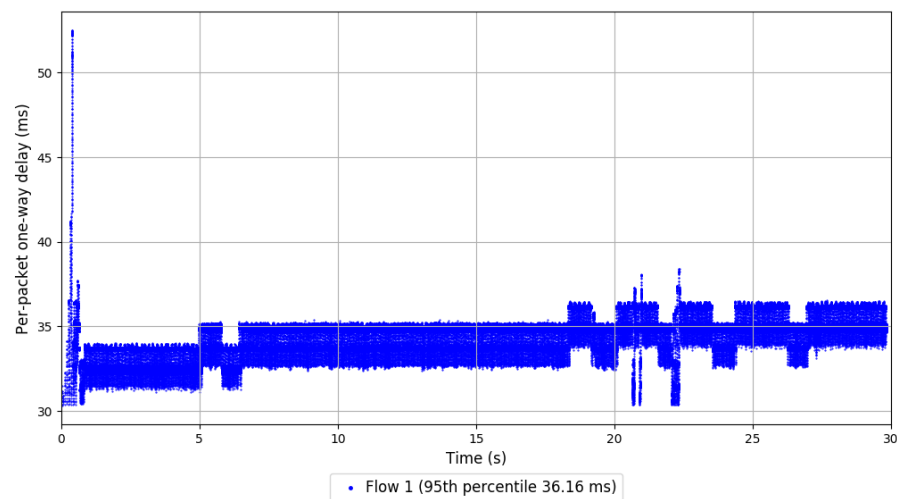
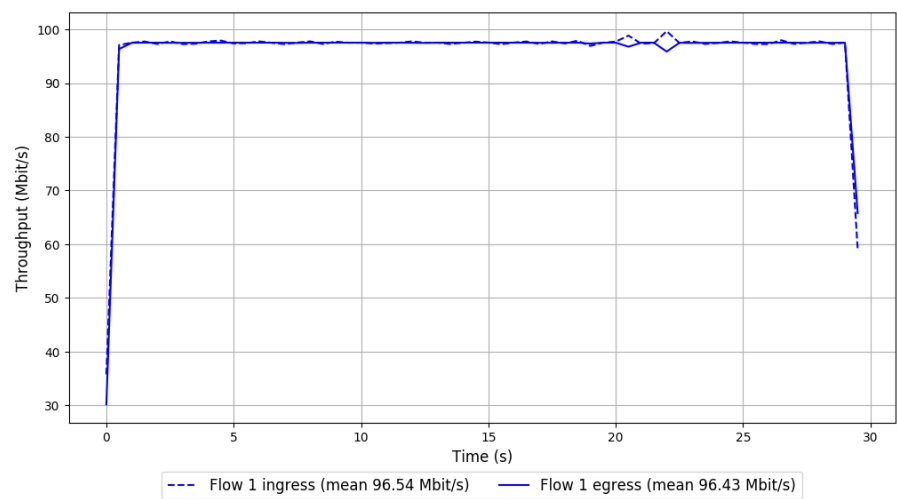
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 36.161 ms

Loss rate: 0.10%

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

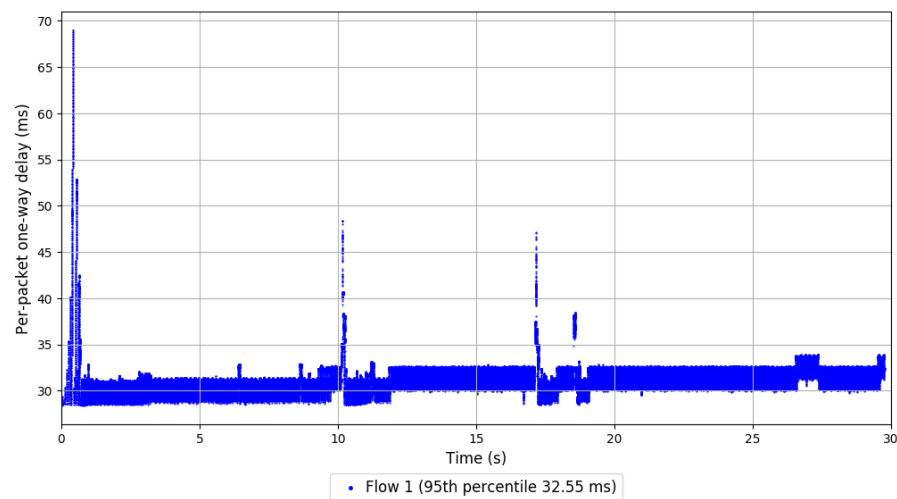
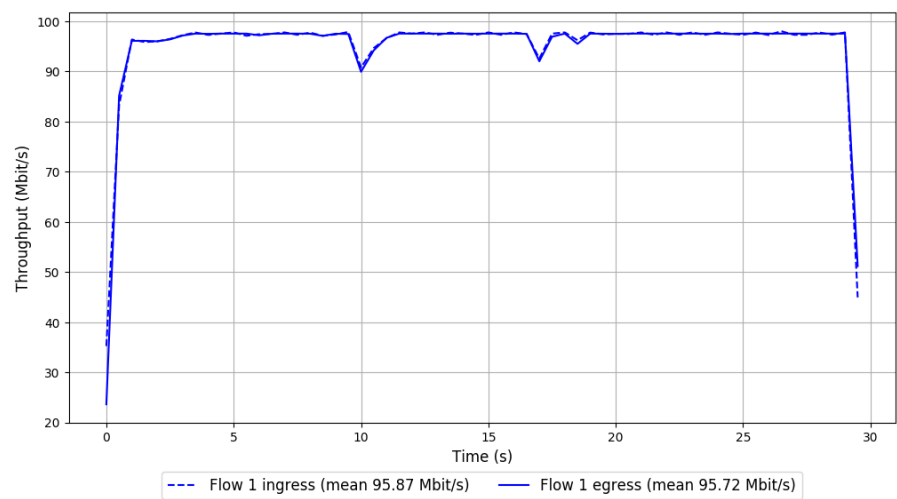


Run 3: Statistics of Indigo-2-256

Start at: 2018-01-25 10:02:01  
End at: 2018-01-25 10:02:31  
Local clock offset: 1.601 ms  
Remote clock offset: -3.507 ms

# Below is generated by plot.py at 2018-01-25 13:28:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.72 Mbit/s  
95th percentile per-packet one-way delay: 32.552 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 95.72 Mbit/s  
95th percentile per-packet one-way delay: 32.552 ms  
Loss rate: 0.14%

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

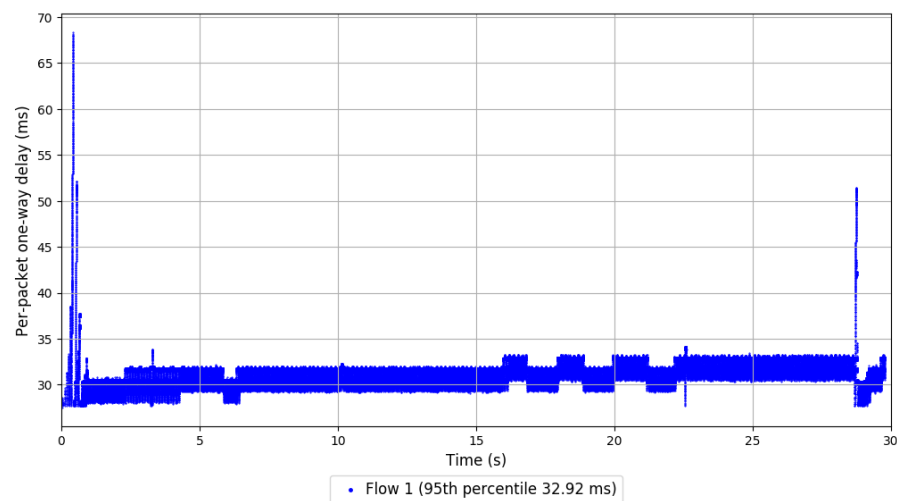
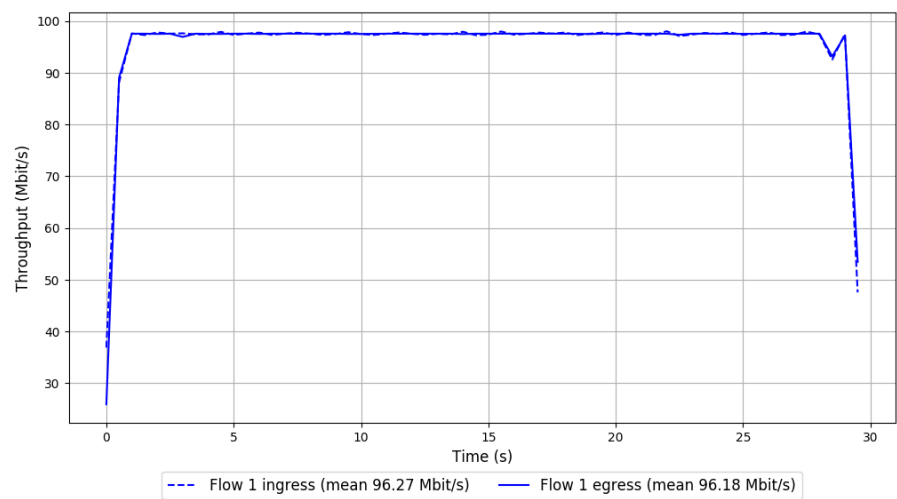


Run 4: Statistics of Indigo-2-256

Start at: 2018-01-25 10:23:26  
End at: 2018-01-25 10:23:56  
Local clock offset: 1.533 ms  
Remote clock offset: -3.787 ms

# Below is generated by plot.py at 2018-01-25 13:28:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.18 Mbit/s  
95th percentile per-packet one-way delay: 32.919 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.18 Mbit/s  
95th percentile per-packet one-way delay: 32.919 ms  
Loss rate: 0.09%

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



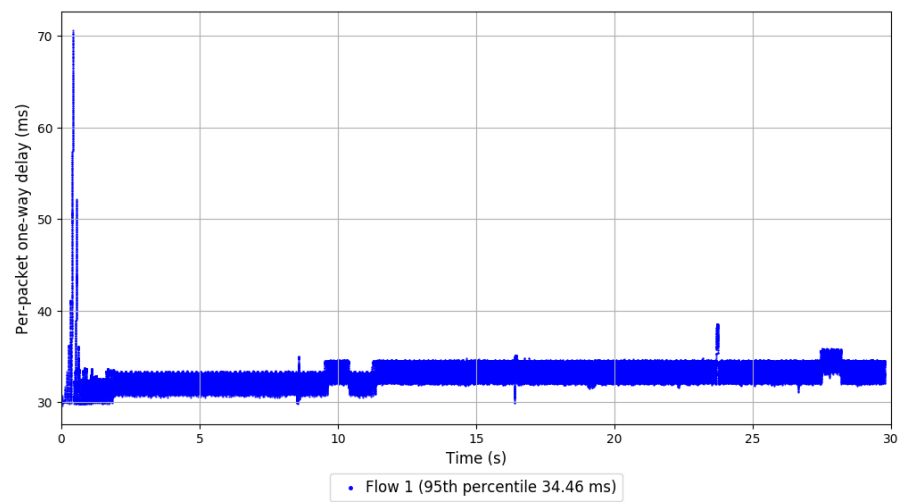
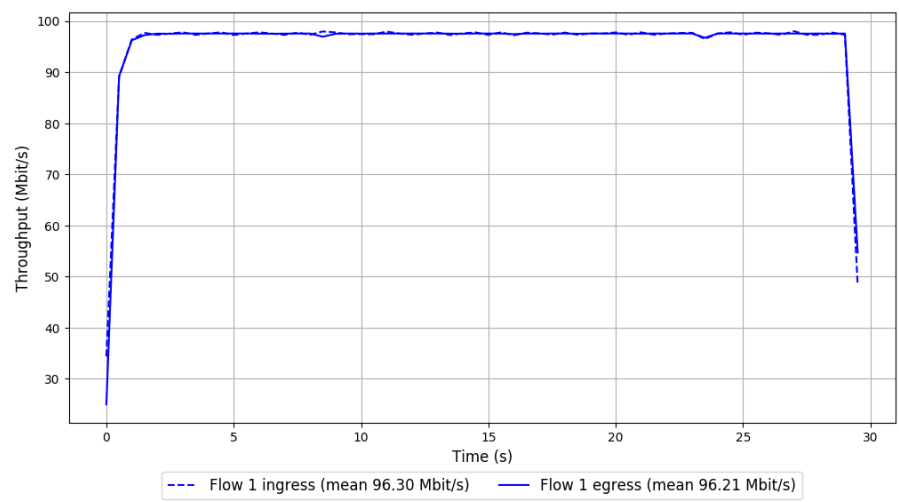
Run 5: Statistics of Indigo-2-256

Start at: 2018-01-25 10:44:42  
End at: 2018-01-25 10:45:12  
Local clock offset: 1.465 ms  
Remote clock offset: -1.595 ms

# Below is generated by plot.py at 2018-01-25 13:28:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.21 Mbit/s  
95th percentile per-packet one-way delay: 34.462 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 96.21 Mbit/s  
95th percentile per-packet one-way delay: 34.462 ms  
Loss rate: 0.07%



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

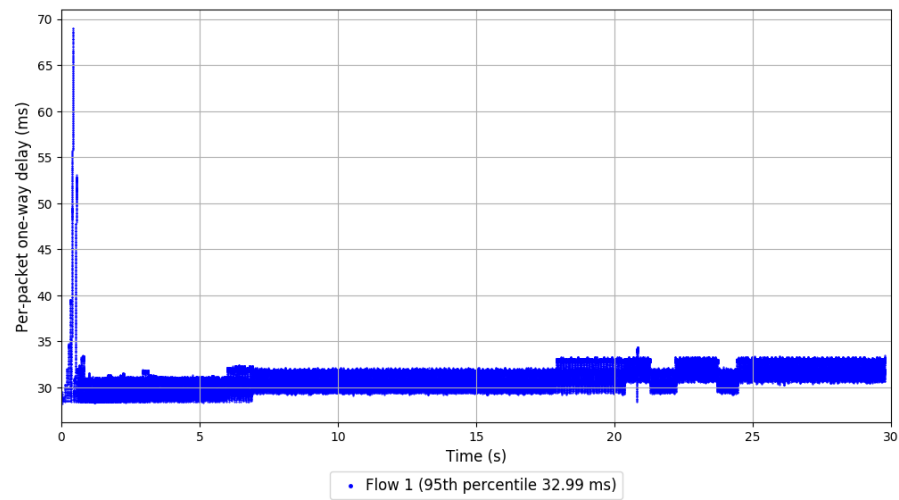
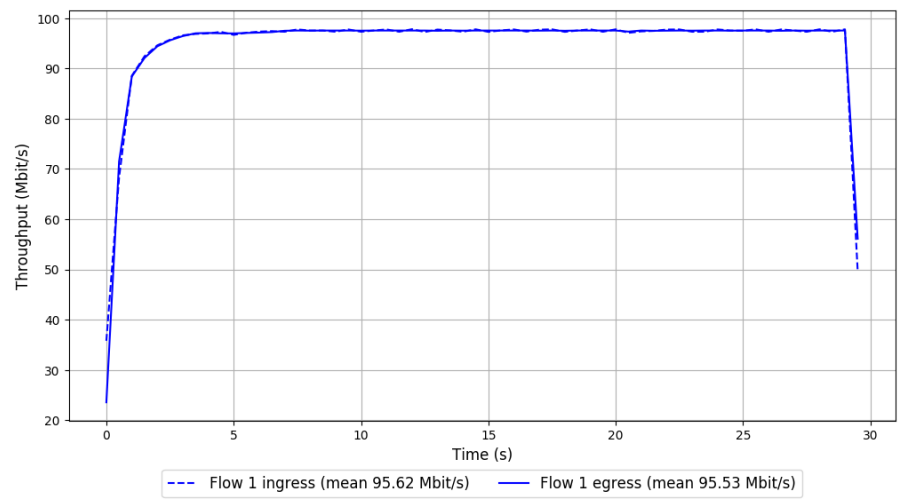


Run 6: Statistics of Indigo-2-256

Start at: 2018-01-25 11:05:57  
End at: 2018-01-25 11:06:27  
Local clock offset: 1.554 ms  
Remote clock offset: -3.547 ms

# Below is generated by plot.py at 2018-01-25 13:28:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.53 Mbit/s  
95th percentile per-packet one-way delay: 32.992 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 95.53 Mbit/s  
95th percentile per-packet one-way delay: 32.992 ms  
Loss rate: 0.07%

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

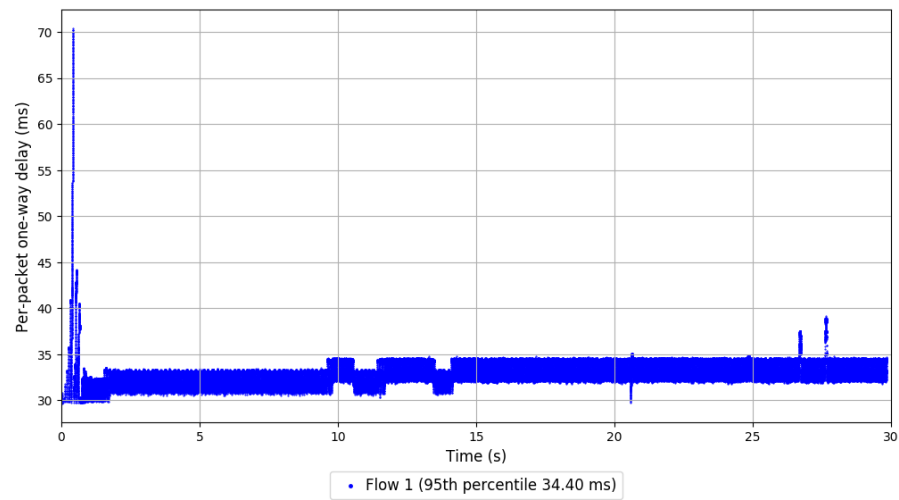
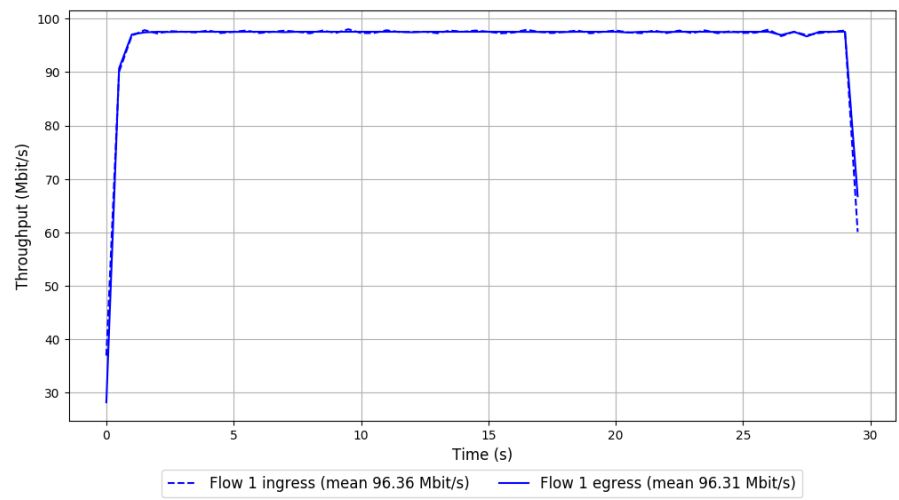


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-25 11:27:17  
End at: 2018-01-25 11:27:47  
Local clock offset: 1.535 ms  
Remote clock offset: -1.728 ms

# Below is generated by plot.py at 2018-01-25 13:29:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.31 Mbit/s  
95th percentile per-packet one-way delay: 34.399 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 96.31 Mbit/s  
95th percentile per-packet one-way delay: 34.399 ms  
Loss rate: 0.03%

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

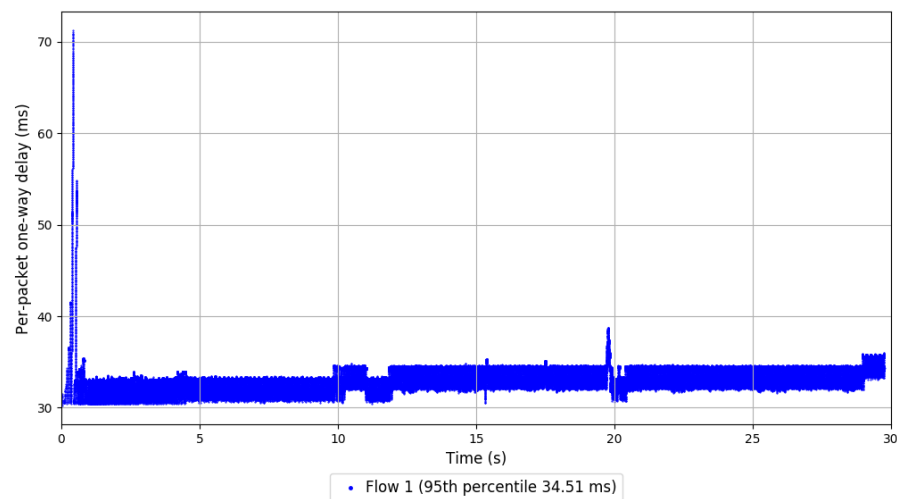
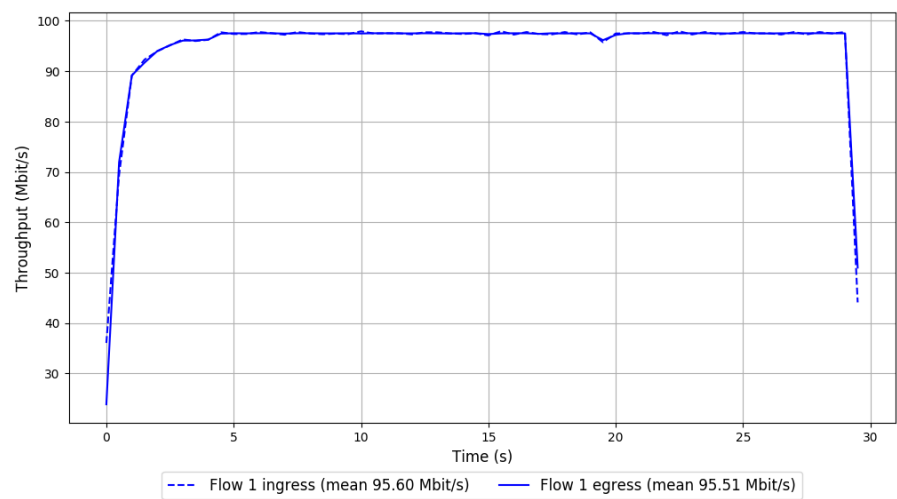


Run 8: Statistics of Indigo-2-256

Start at: 2018-01-25 11:48:36  
End at: 2018-01-25 11:49:06  
Local clock offset: 1.415 ms  
Remote clock offset: -1.731 ms

# Below is generated by plot.py at 2018-01-25 13:29:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.51 Mbit/s  
95th percentile per-packet one-way delay: 34.508 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 95.51 Mbit/s  
95th percentile per-packet one-way delay: 34.508 ms  
Loss rate: 0.07%

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



Run 9: Statistics of Indigo-2-256

Start at: 2018-01-25 12:10:04

End at: 2018-01-25 12:10:34

Local clock offset: 1.543 ms

Remote clock offset: -1.7 ms

# Below is generated by plot.py at 2018-01-25 13:29:42

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.33 Mbit/s

95th percentile per-packet one-way delay: 35.461 ms

Loss rate: 0.21%

-- Flow 1:

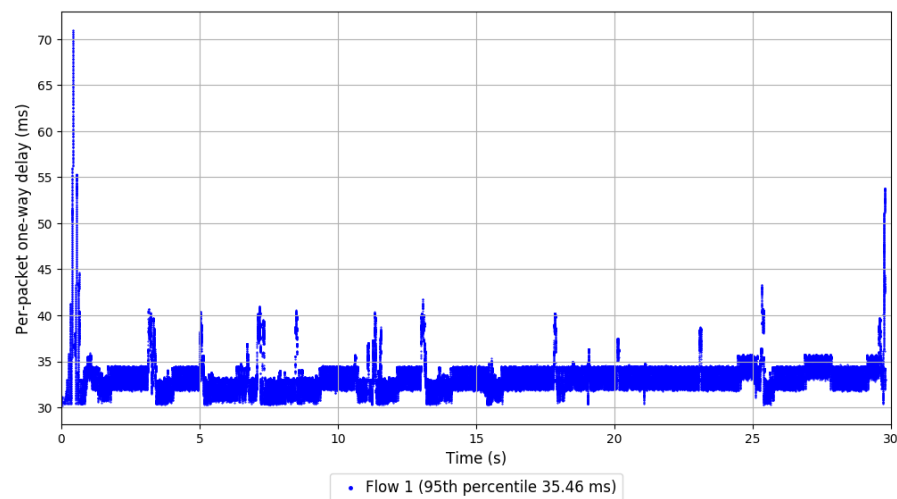
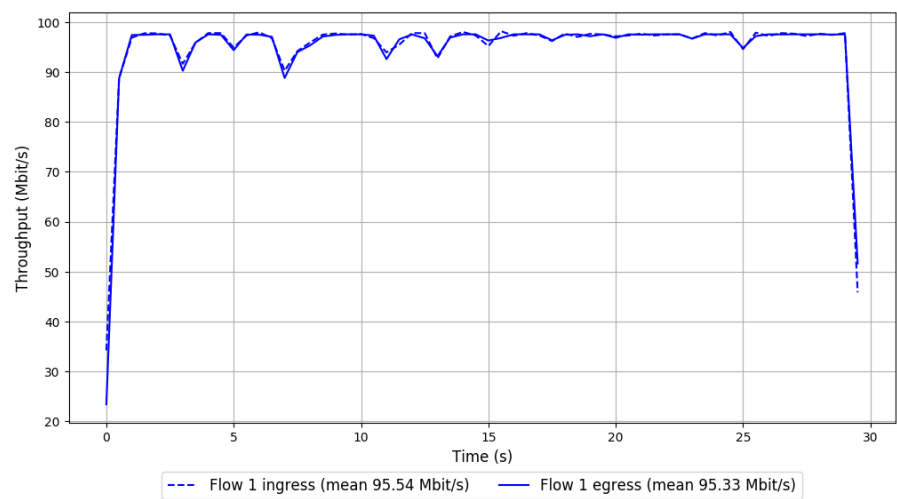
Average throughput: 95.33 Mbit/s

95th percentile per-packet one-way delay: 35.461 ms

Loss rate: 0.21%



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



Run 10: Statistics of Indigo-2-256

Start at: 2018-01-25 12:31:27

End at: 2018-01-25 12:31:57

Local clock offset: 1.499 ms

Remote clock offset: -1.045 ms

# Below is generated by plot.py at 2018-01-25 13:29:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 35.059 ms

Loss rate: 0.12%

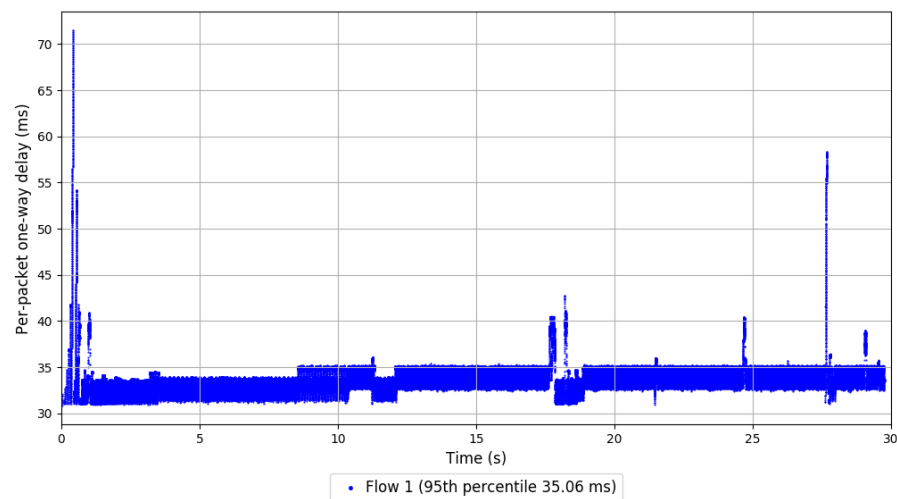
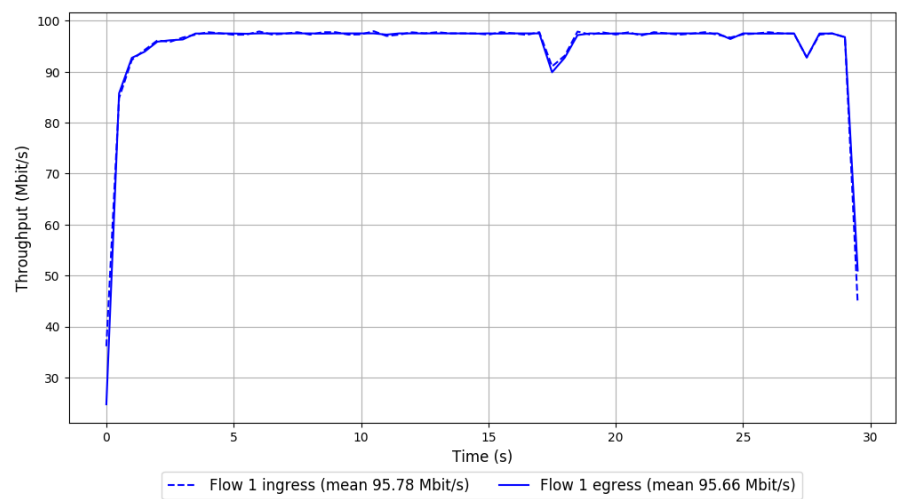
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 35.059 ms

Loss rate: 0.12%

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



Run 1: Statistics of Indigo-1-32

Start at: 2018-01-25 09:20:45

End at: 2018-01-25 09:21:15

Local clock offset: 1.712 ms

Remote clock offset: -0.153 ms

# Below is generated by plot.py at 2018-01-25 13:29:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 34.490 ms

Loss rate: 0.02%

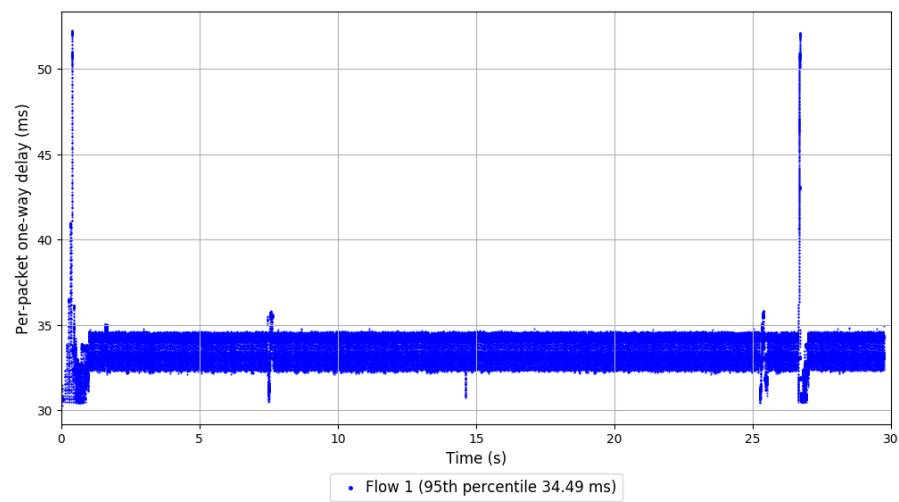
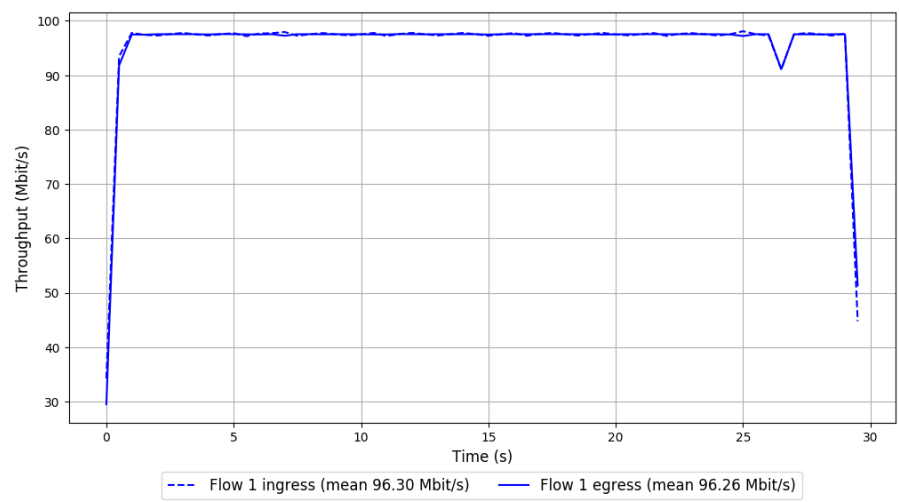
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 34.490 ms

Loss rate: 0.02%

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



Run 2: Statistics of Indigo-1-32

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

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

Local clock offset: 1.761 ms

Remote clock offset: 0.3 ms

# Below is generated by plot.py at 2018-01-25 13:30:01

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 34.818 ms

Loss rate: 0.01%

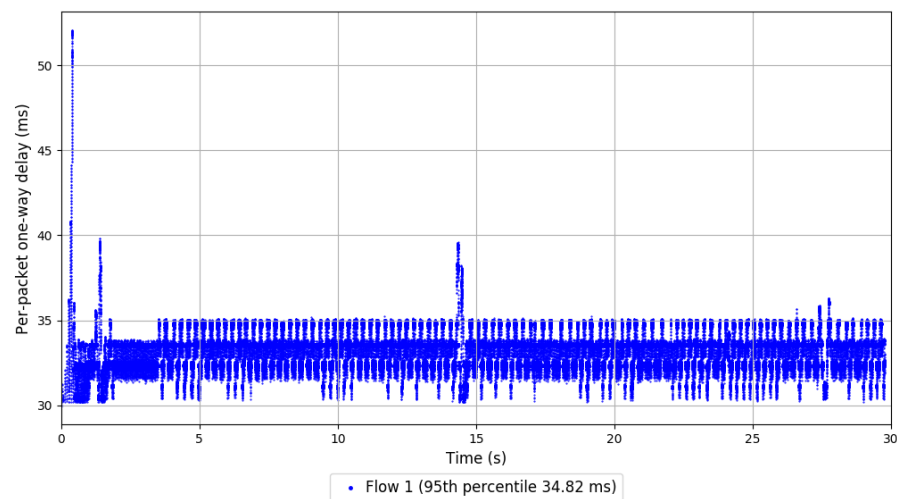
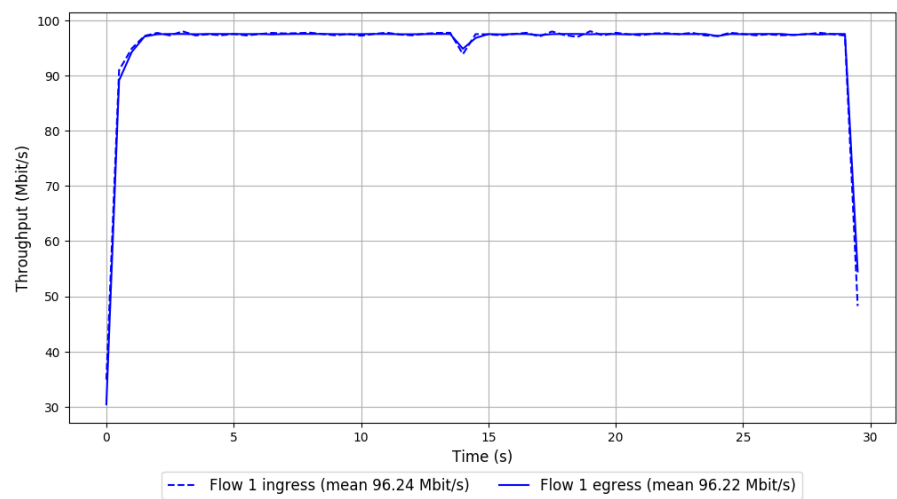
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 34.818 ms

Loss rate: 0.01%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-01-25 10:03:23

End at: 2018-01-25 10:03:53

Local clock offset: 1.497 ms

Remote clock offset: -1.637 ms

# Below is generated by plot.py at 2018-01-25 13:30:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 34.422 ms

Loss rate: 0.00%

-- Flow 1:

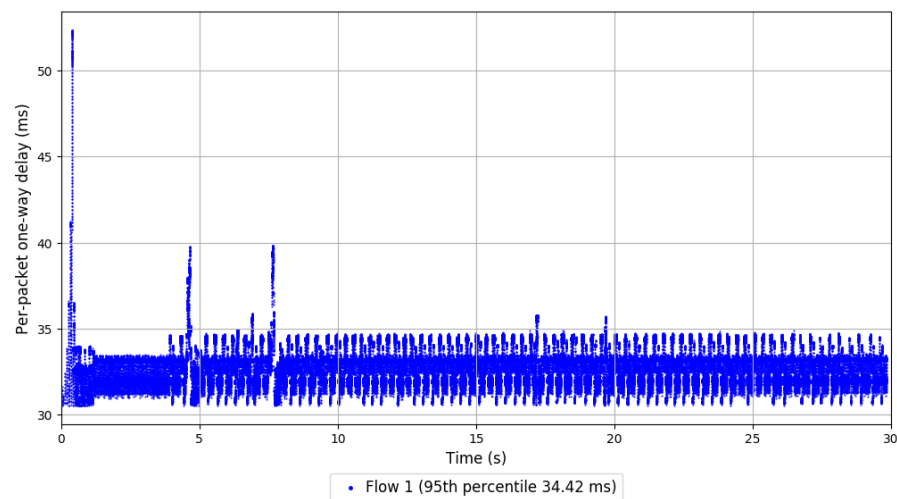
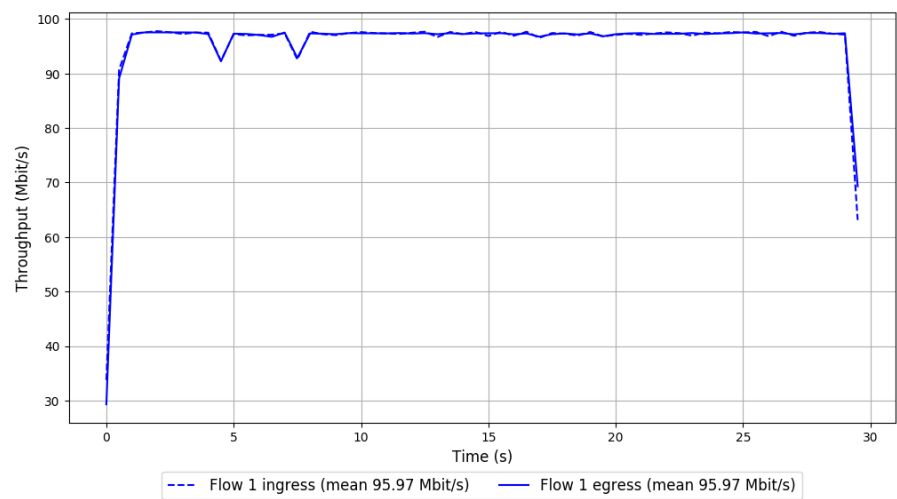
Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 34.422 ms

Loss rate: 0.00%



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



Run 4: Statistics of Indigo-1-32

Start at: 2018-01-25 10:24:48

End at: 2018-01-25 10:25:18

Local clock offset: 1.408 ms

Remote clock offset: -3.899 ms

# Below is generated by plot.py at 2018-01-25 13:30:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 33.538 ms

Loss rate: 0.03%

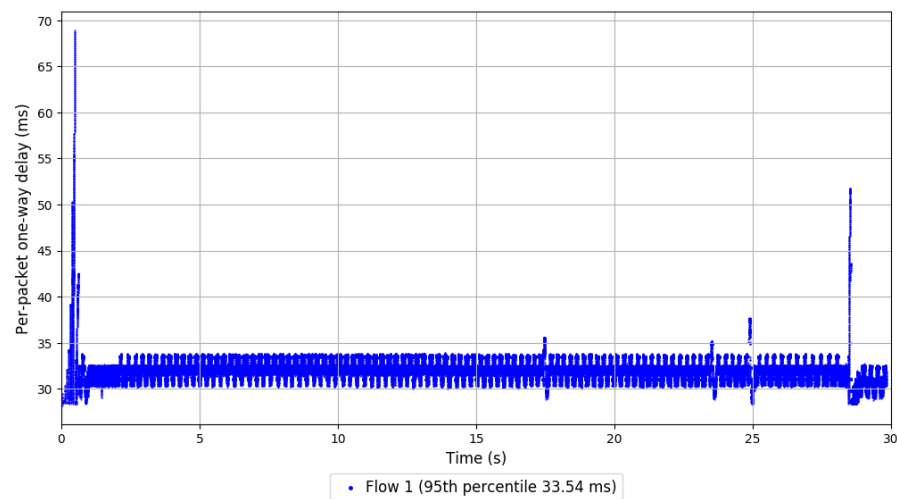
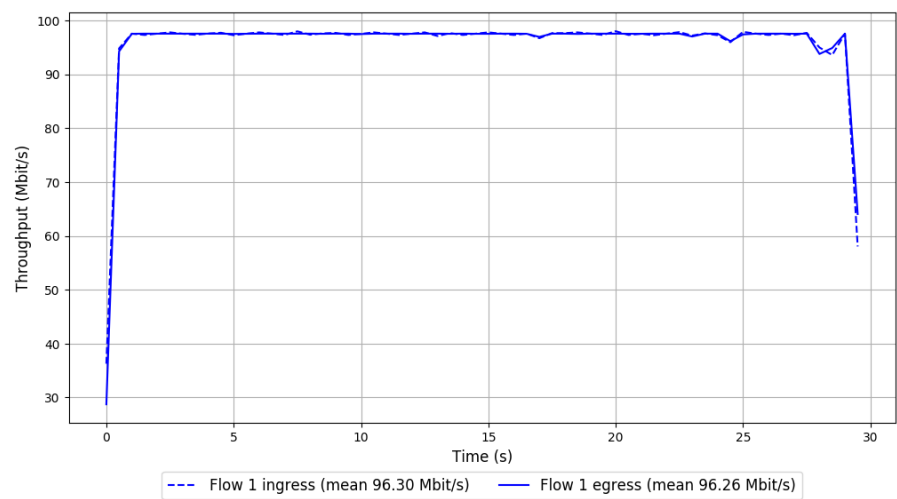
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 33.538 ms

Loss rate: 0.03%

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

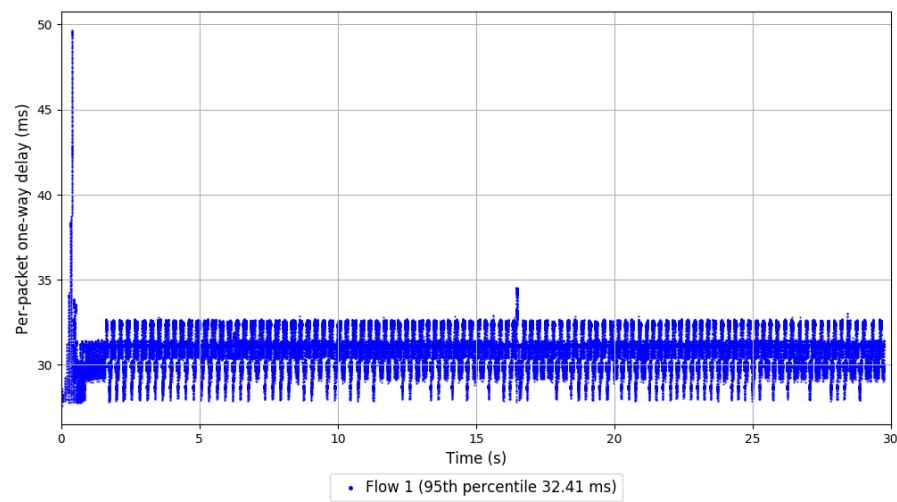
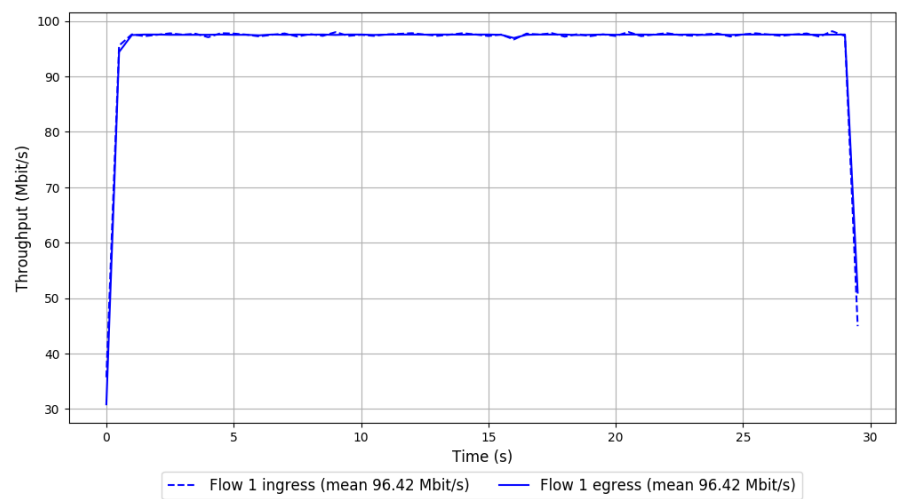


Run 5: Statistics of Indigo-1-32

Start at: 2018-01-25 10:46:03  
End at: 2018-01-25 10:46:33  
Local clock offset: 1.441 ms  
Remote clock offset: -3.631 ms

# Below is generated by plot.py at 2018-01-25 13:30:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 32.413 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 32.413 ms  
Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-01-25 11:07:18

End at: 2018-01-25 11:07:49

Local clock offset: 1.469 ms

Remote clock offset: -1.603 ms

# Below is generated by plot.py at 2018-01-25 13:31:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 34.352 ms

Loss rate: 0.00%

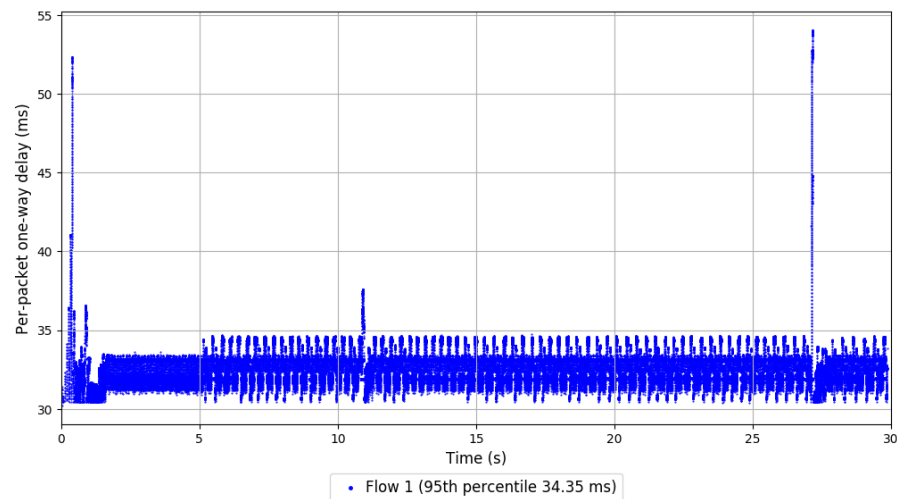
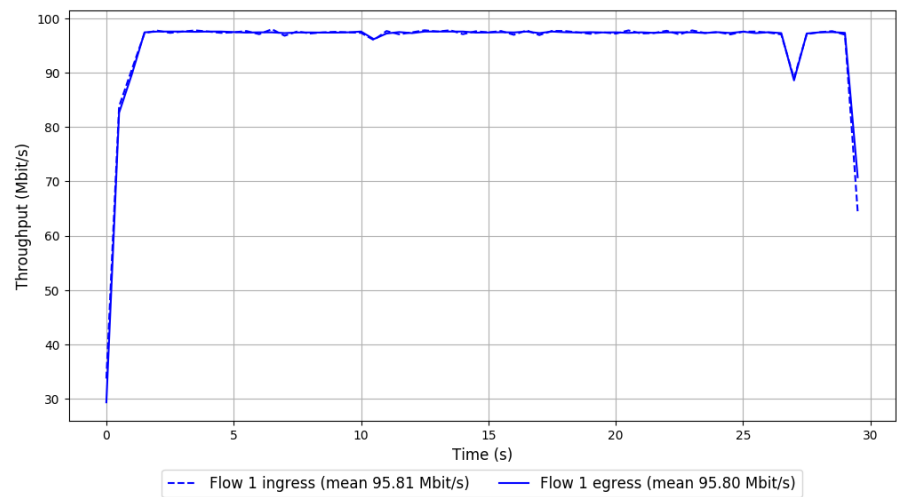
-- Flow 1:

Average throughput: 95.80 Mbit/s

95th percentile per-packet one-way delay: 34.352 ms

Loss rate: 0.00%

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



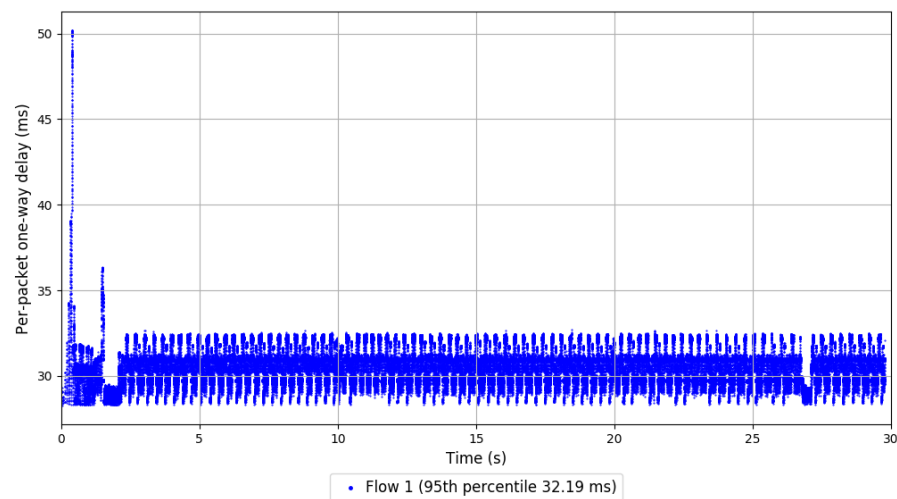
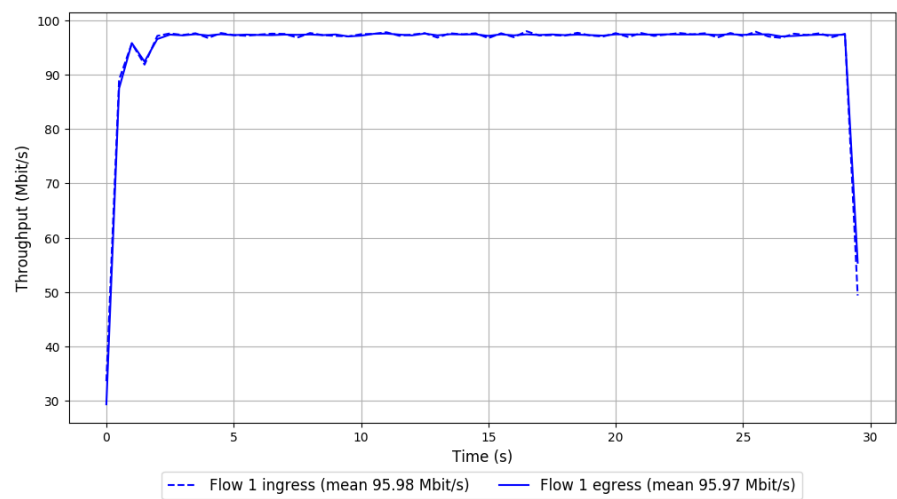
Run 7: Statistics of Indigo-1-32

Start at: 2018-01-25 11:28:40  
End at: 2018-01-25 11:29:10  
Local clock offset: 1.531 ms  
Remote clock offset: -3.879 ms

# Below is generated by plot.py at 2018-01-25 13:31:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.97 Mbit/s  
95th percentile per-packet one-way delay: 32.189 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.97 Mbit/s  
95th percentile per-packet one-way delay: 32.189 ms  
Loss rate: 0.00%



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



Run 8: Statistics of Indigo-1-32

Start at: 2018-01-25 11:49:58

End at: 2018-01-25 11:50:28

Local clock offset: 1.523 ms

Remote clock offset: -3.781 ms

# Below is generated by plot.py at 2018-01-25 13:31:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 32.166 ms

Loss rate: 0.13%

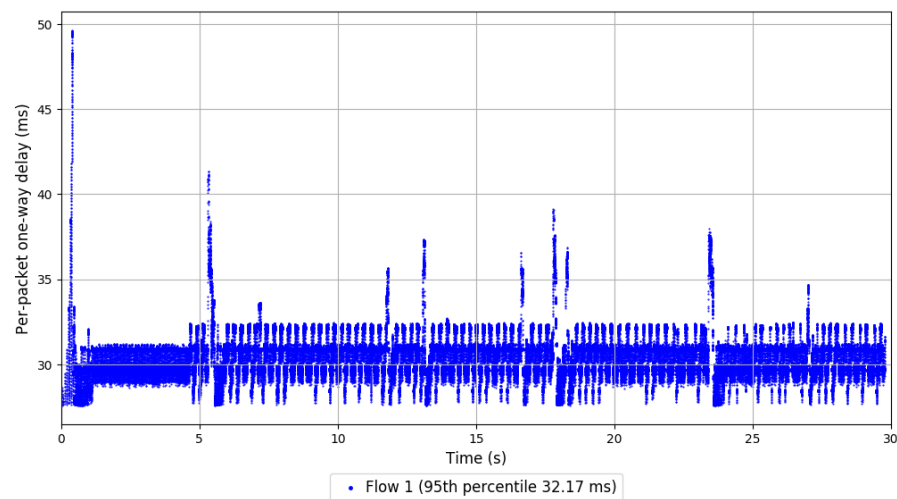
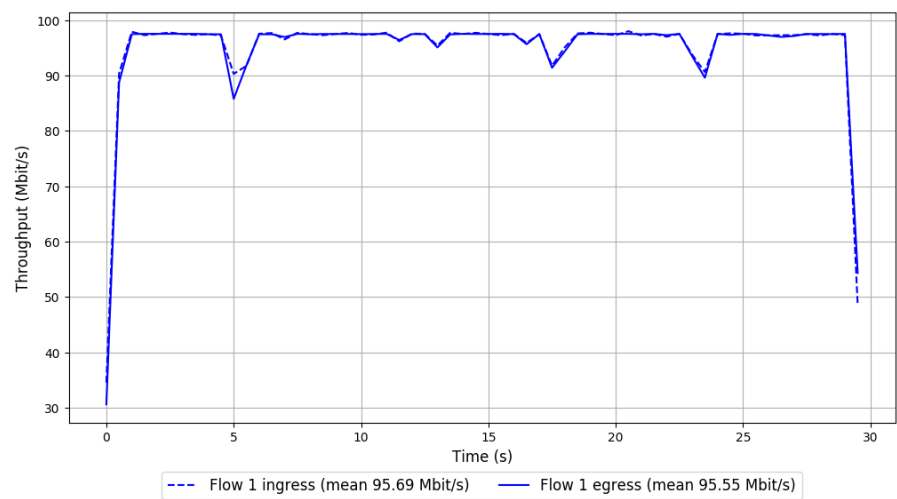
-- Flow 1:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 32.166 ms

Loss rate: 0.13%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-01-25 12:11:28

End at: 2018-01-25 12:11:58

Local clock offset: 1.421 ms

Remote clock offset: -1.066 ms

# Below is generated by plot.py at 2018-01-25 13:31:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 35.047 ms

Loss rate: 0.10%

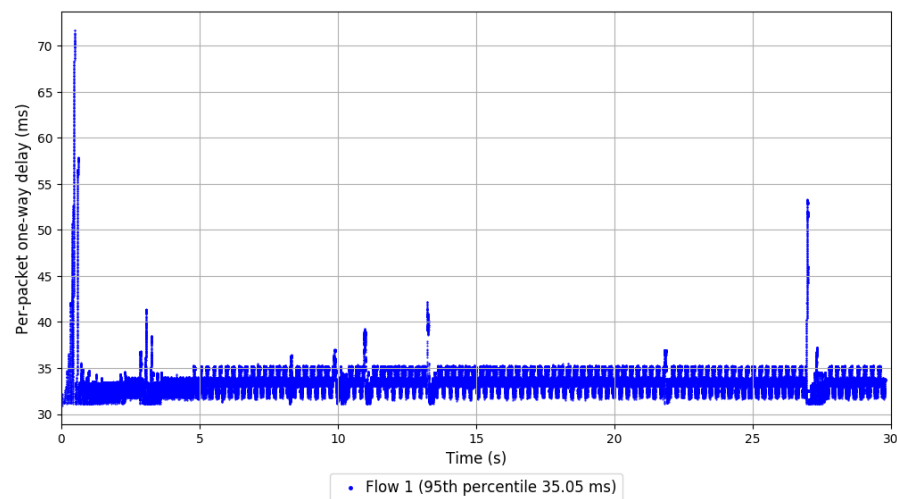
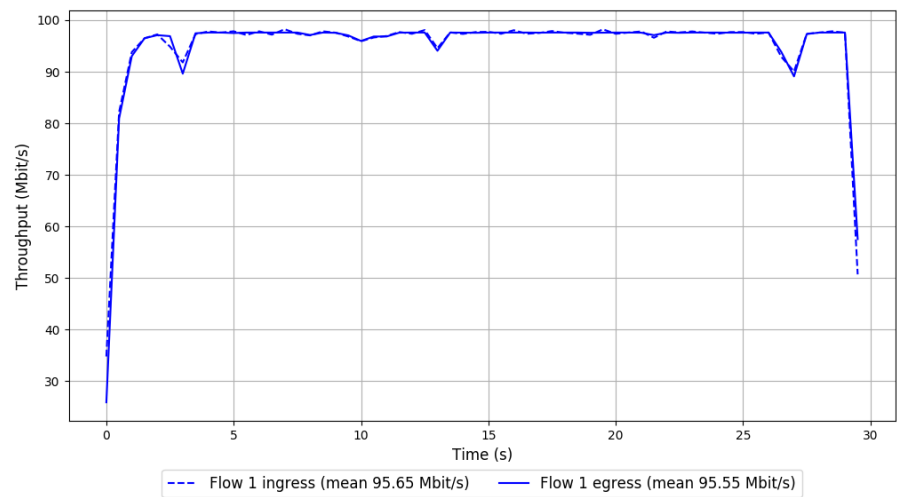
-- Flow 1:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 35.047 ms

Loss rate: 0.10%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-01-25 12:32:48

End at: 2018-01-25 12:33:18

Local clock offset: 1.538 ms

Remote clock offset: -3.639 ms

# Below is generated by plot.py at 2018-01-25 13:31:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 32.238 ms

Loss rate: 0.01%

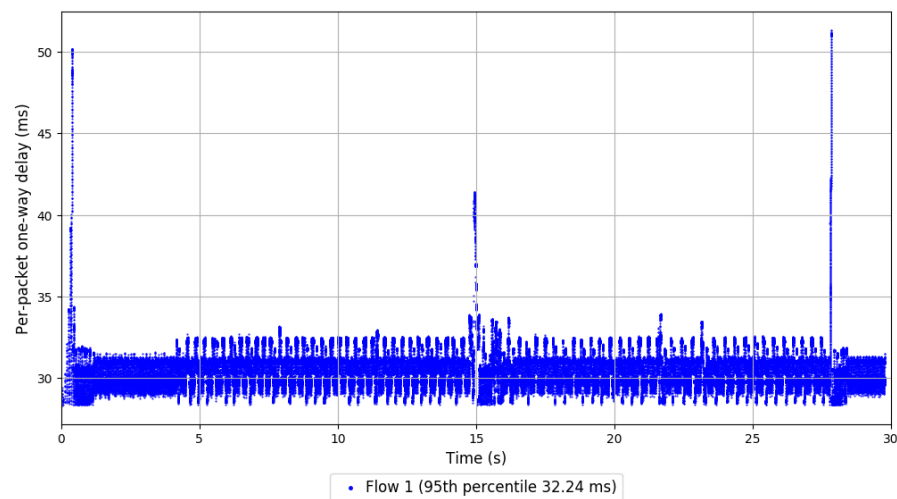
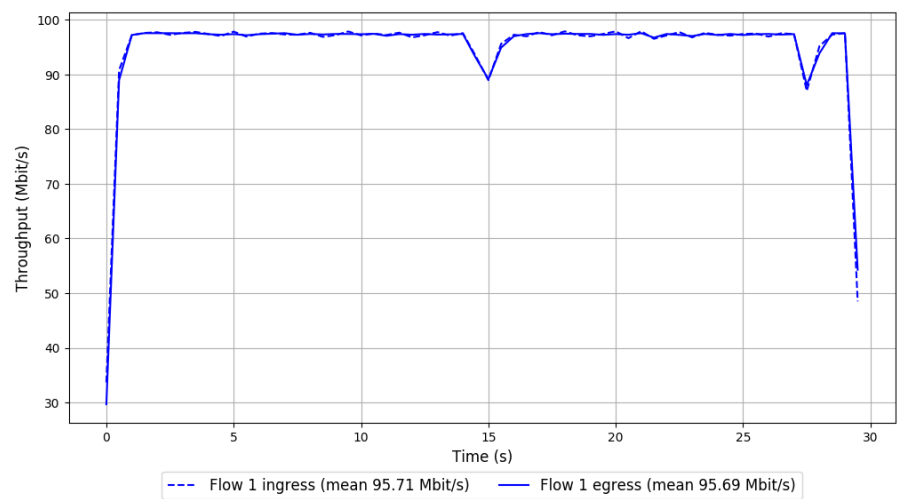
-- Flow 1:

Average throughput: 95.69 Mbit/s

95th percentile per-packet one-way delay: 32.238 ms

Loss rate: 0.01%

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



Run 1: Statistics of Indigo-1-128

Start at: 2018-01-25 09:24:43

End at: 2018-01-25 09:25:13

Local clock offset: 1.778 ms

Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-01-25 13:31:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.96 Mbit/s

95th percentile per-packet one-way delay: 33.374 ms

Loss rate: 0.00%

-- Flow 1:

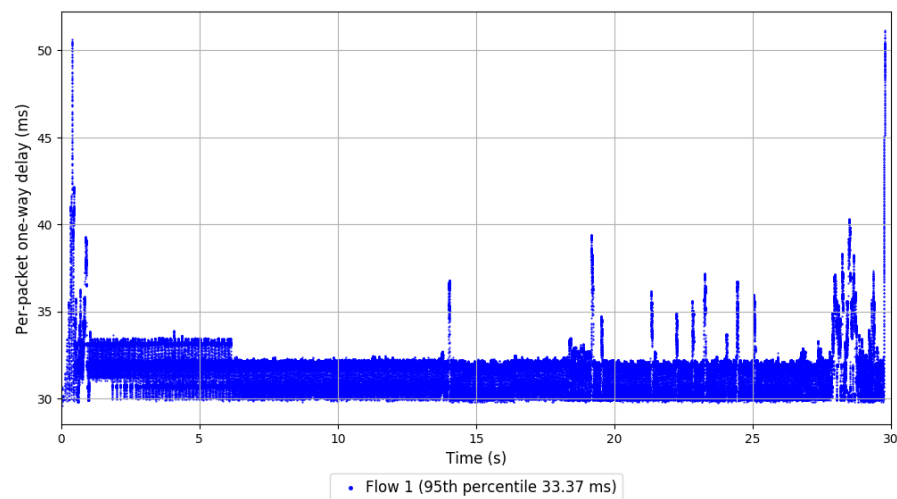
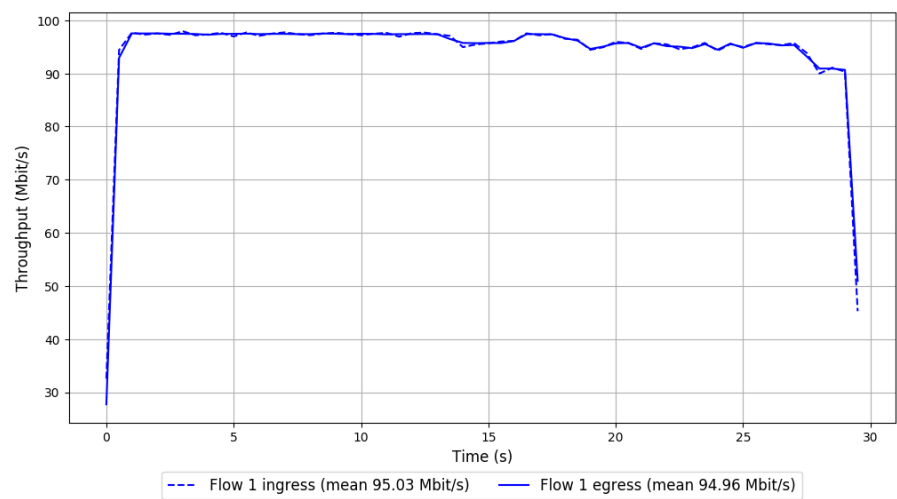
Average throughput: 94.96 Mbit/s

95th percentile per-packet one-way delay: 33.374 ms

Loss rate: 0.00%



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



Run 2: Statistics of Indigo-1-128

Start at: 2018-01-25 09:46:01

End at: 2018-01-25 09:46:31

Local clock offset: 1.7 ms

Remote clock offset: -2.511 ms

# Below is generated by plot.py at 2018-01-25 13:31:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.88 Mbit/s

95th percentile per-packet one-way delay: 31.965 ms

Loss rate: 0.00%

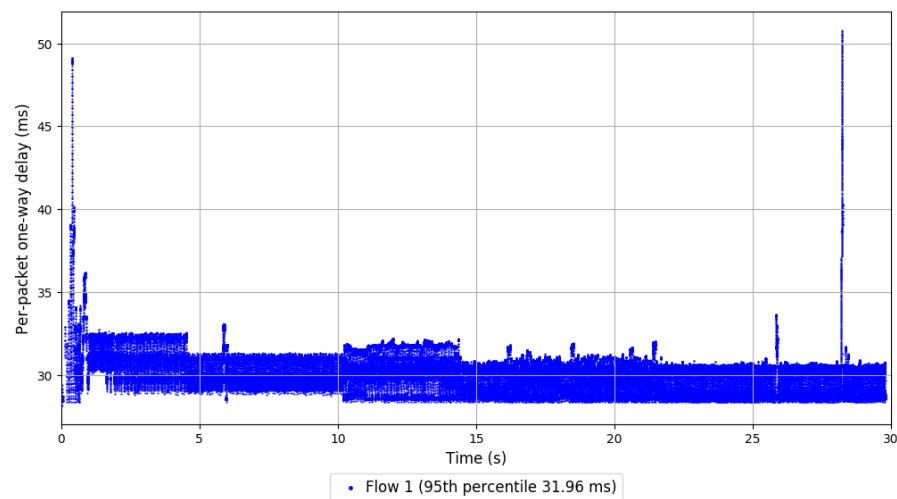
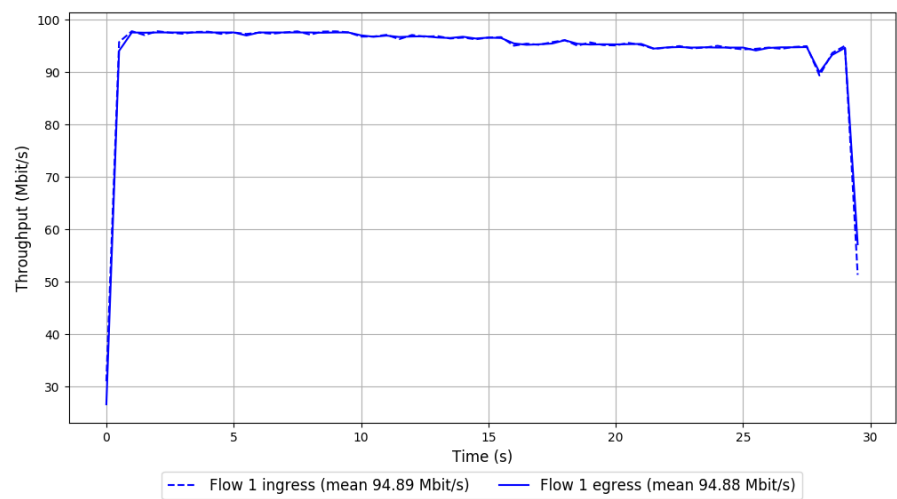
-- Flow 1:

Average throughput: 94.88 Mbit/s

95th percentile per-packet one-way delay: 31.965 ms

Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-128

Start at: 2018-01-25 10:07:20

End at: 2018-01-25 10:07:50

Local clock offset: 1.568 ms

Remote clock offset: -4.132 ms

# Below is generated by plot.py at 2018-01-25 13:32:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.13 Mbit/s

95th percentile per-packet one-way delay: 30.932 ms

Loss rate: 0.00%

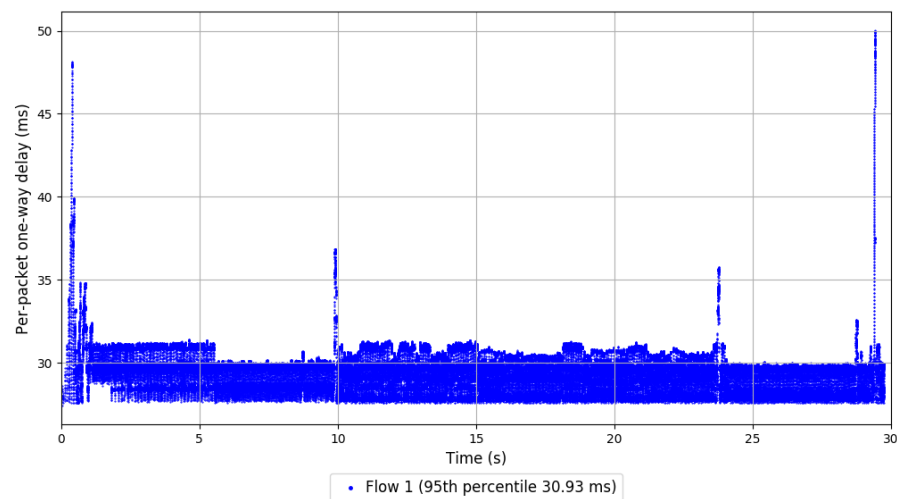
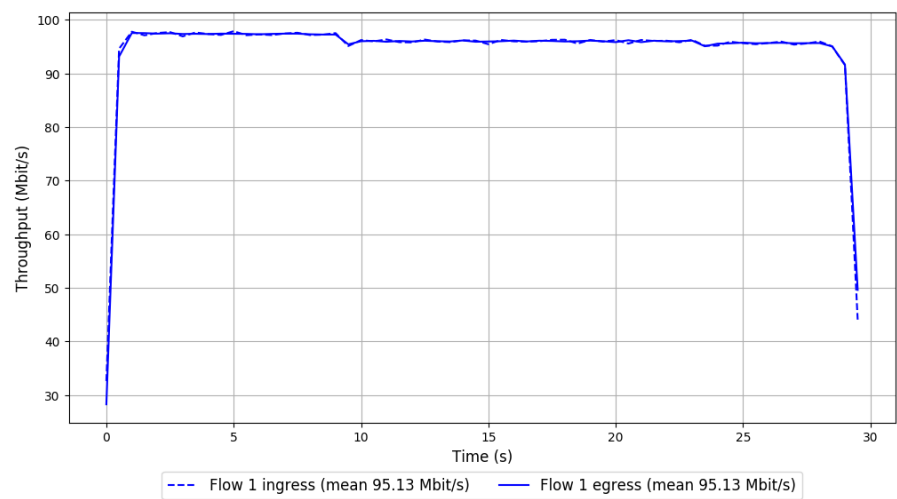
-- Flow 1:

Average throughput: 95.13 Mbit/s

95th percentile per-packet one-way delay: 30.932 ms

Loss rate: 0.00%

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

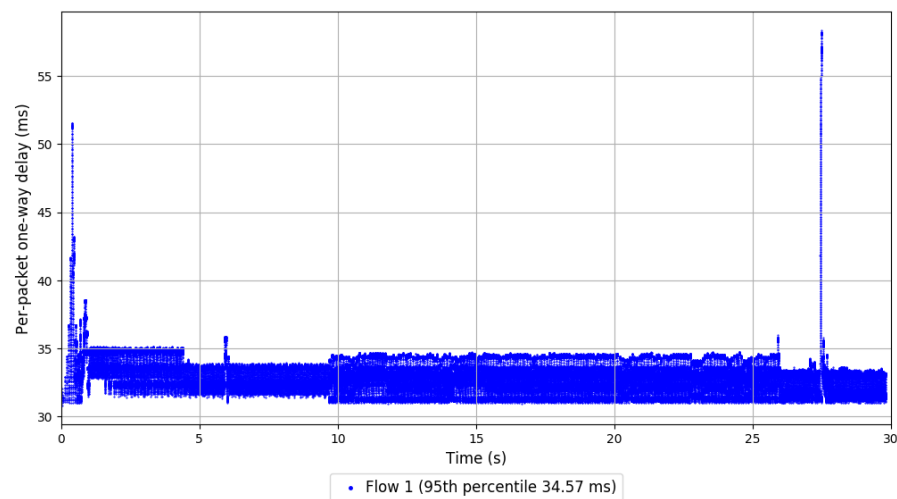
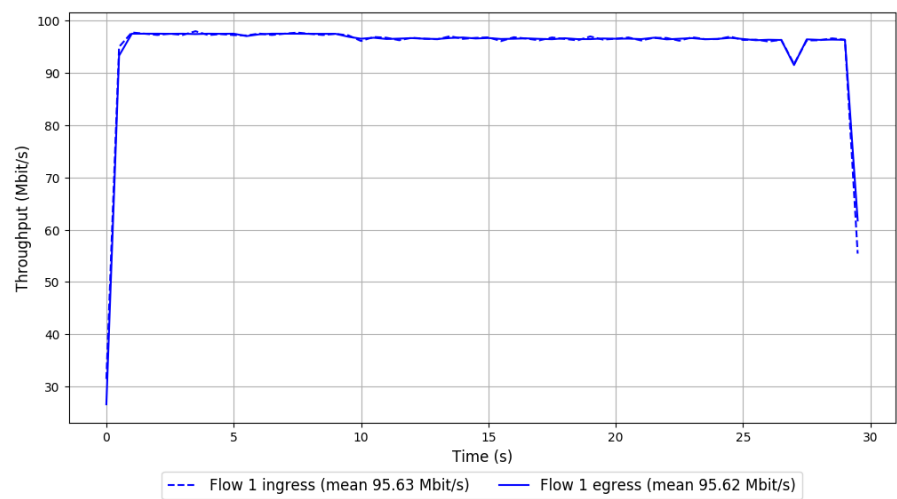


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-25 10:28:45  
End at: 2018-01-25 10:29:15  
Local clock offset: 1.412 ms  
Remote clock offset: -1.281 ms

# Below is generated by plot.py at 2018-01-25 13:32:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.62 Mbit/s  
95th percentile per-packet one-way delay: 34.571 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.62 Mbit/s  
95th percentile per-packet one-way delay: 34.571 ms  
Loss rate: 0.00%

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



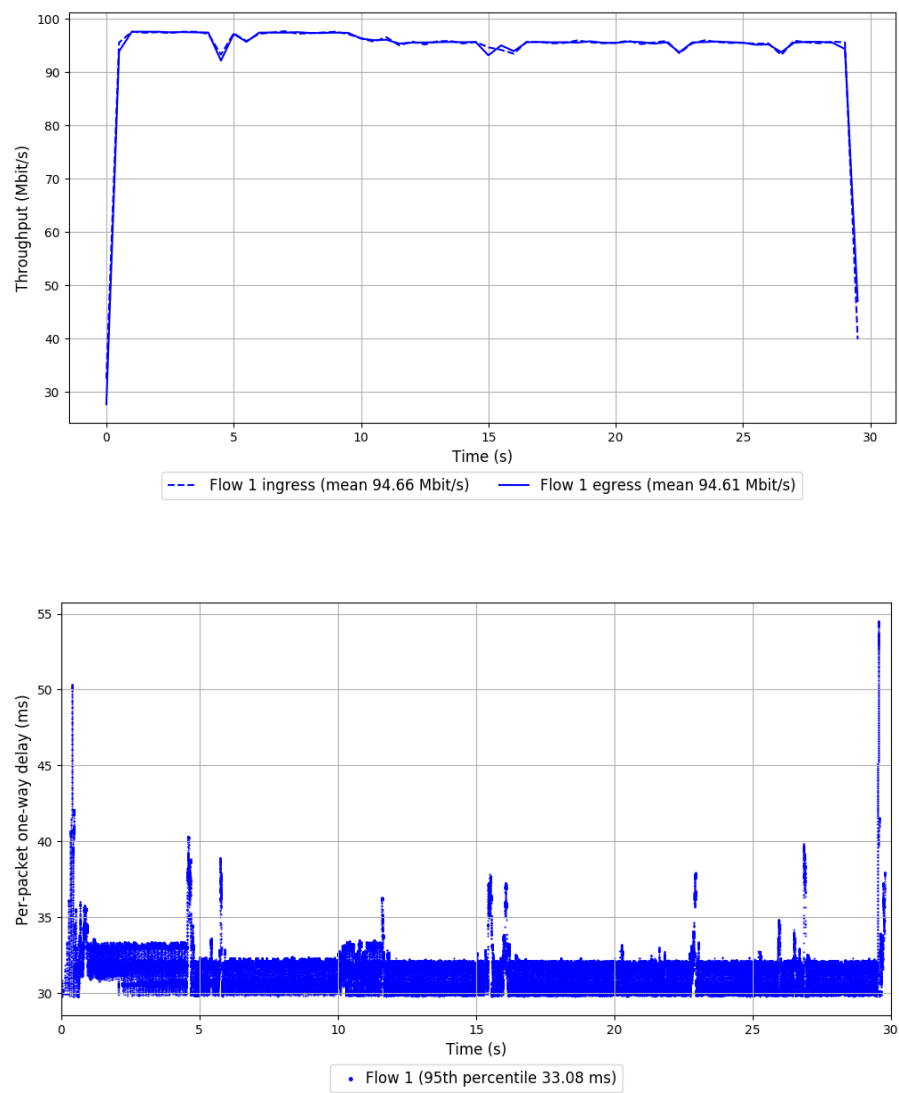
Run 5: Statistics of Indigo-1-128

Start at: 2018-01-25 10:50:00  
End at: 2018-01-25 10:50:30  
Local clock offset: 1.419 ms  
Remote clock offset: -1.671 ms

# Below is generated by plot.py at 2018-01-25 13:32:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.61 Mbit/s  
95th percentile per-packet one-way delay: 33.075 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 94.61 Mbit/s  
95th percentile per-packet one-way delay: 33.075 ms  
Loss rate: 0.02%



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

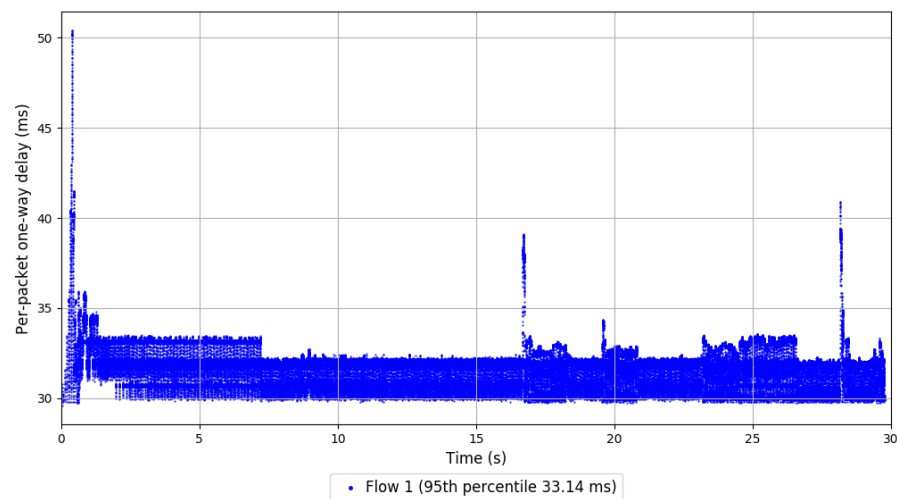
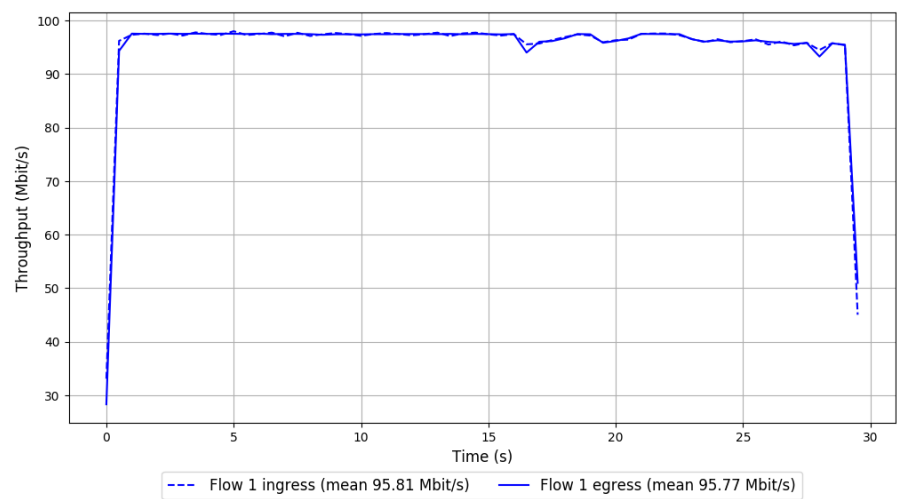


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-25 11:11:16  
End at: 2018-01-25 11:11:46  
Local clock offset: 1.538 ms  
Remote clock offset: -1.539 ms

# Below is generated by plot.py at 2018-01-25 13:32:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.77 Mbit/s  
95th percentile per-packet one-way delay: 33.142 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 95.77 Mbit/s  
95th percentile per-packet one-way delay: 33.142 ms  
Loss rate: 0.04%

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

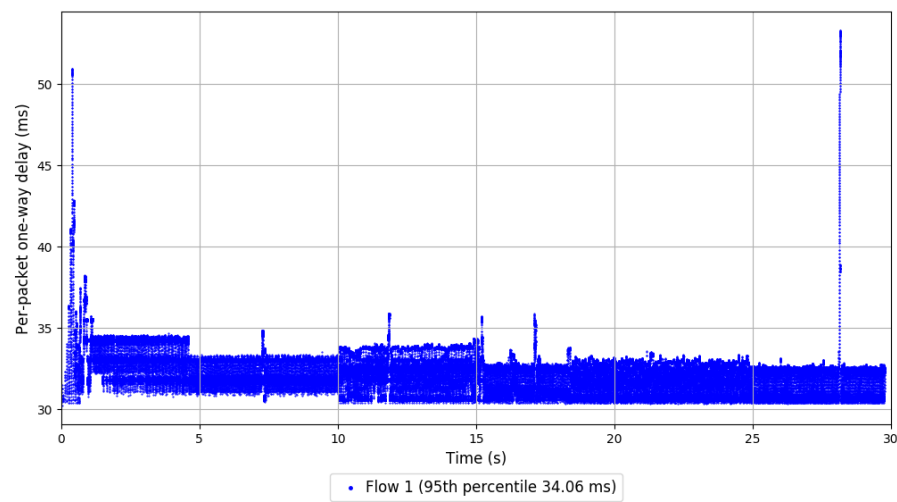
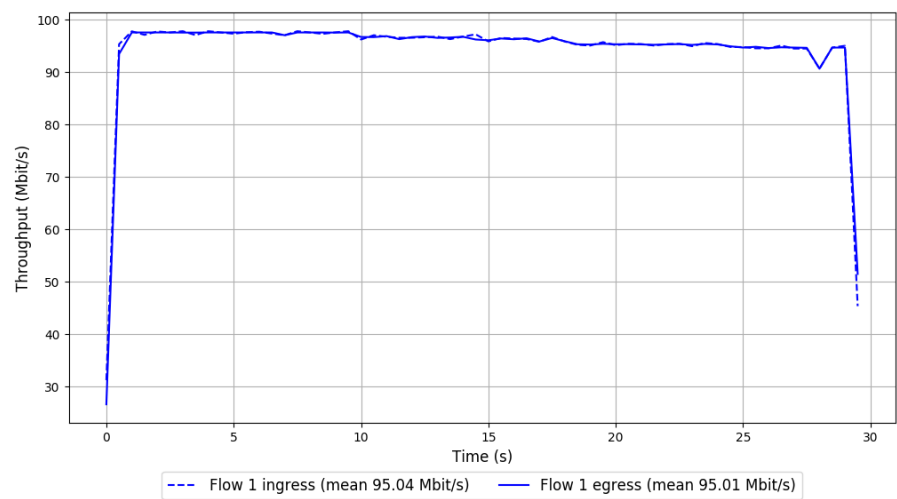


Run 7: Statistics of Indigo-1-128

Start at: 2018-01-25 11:32:38  
End at: 2018-01-25 11:33:08  
Local clock offset: 1.53 ms  
Remote clock offset: -1.857 ms

# Below is generated by plot.py at 2018-01-25 13:32:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.01 Mbit/s  
95th percentile per-packet one-way delay: 34.061 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 95.01 Mbit/s  
95th percentile per-packet one-way delay: 34.061 ms  
Loss rate: 0.02%

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



Run 8: Statistics of Indigo-1-128

Start at: 2018-01-25 11:53:58

End at: 2018-01-25 11:54:28

Local clock offset: 1.514 ms

Remote clock offset: -3.816 ms

# Below is generated by plot.py at 2018-01-25 13:32:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.13 Mbit/s

95th percentile per-packet one-way delay: 31.235 ms

Loss rate: 0.04%

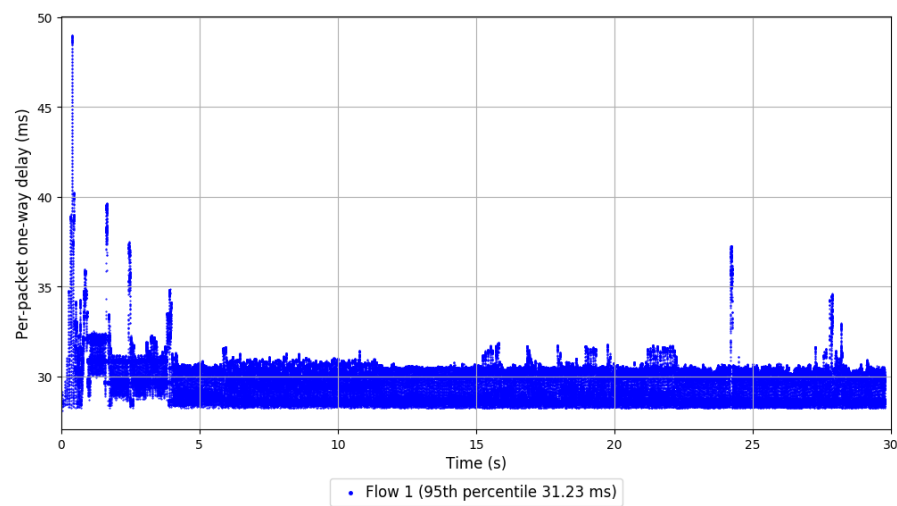
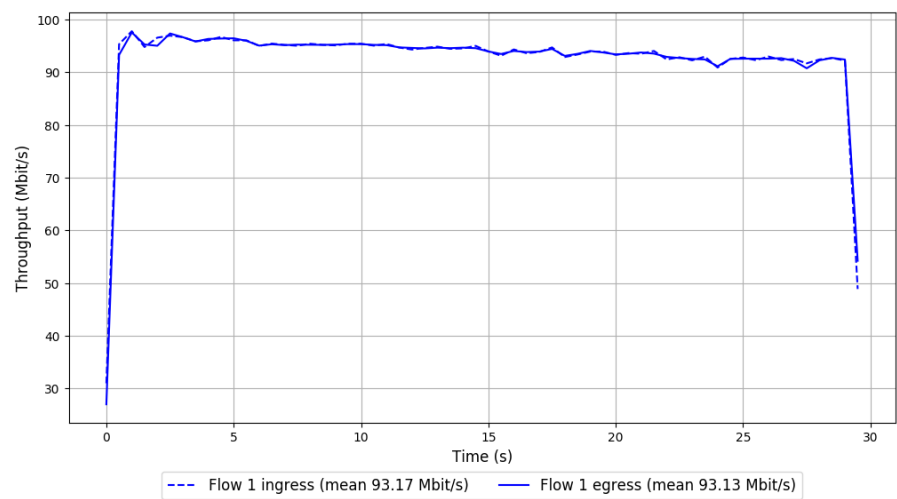
-- Flow 1:

Average throughput: 93.13 Mbit/s

95th percentile per-packet one-way delay: 31.235 ms

Loss rate: 0.04%

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



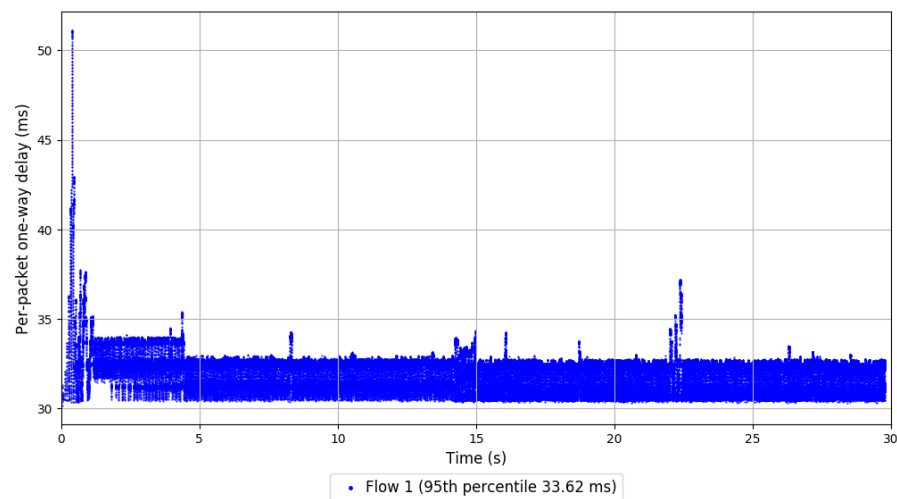
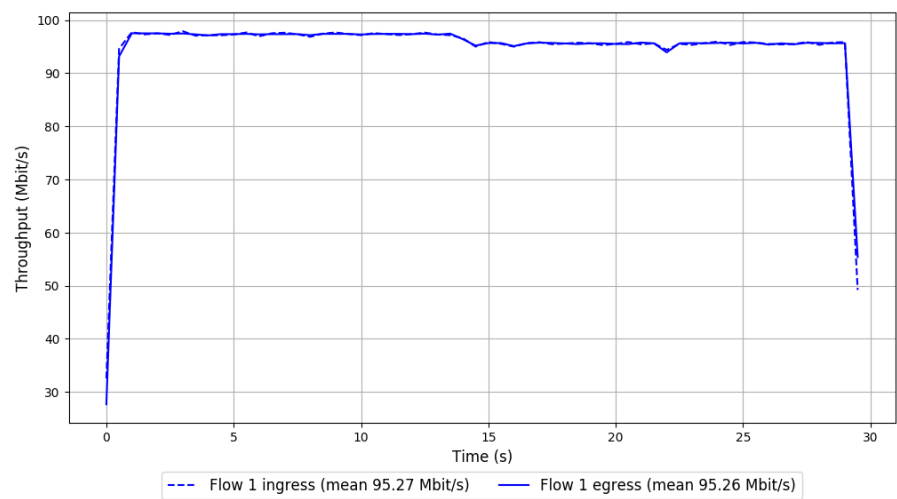
Run 9: Statistics of Indigo-1-128

Start at: 2018-01-25 12:15:30  
End at: 2018-01-25 12:16:00  
Local clock offset: 1.542 ms  
Remote clock offset: -1.016 ms

# Below is generated by plot.py at 2018-01-25 13:32:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.26 Mbit/s  
95th percentile per-packet one-way delay: 33.620 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.26 Mbit/s  
95th percentile per-packet one-way delay: 33.620 ms  
Loss rate: 0.00%



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



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-25 12:36:48

End at: 2018-01-25 12:37:18

Local clock offset: 1.443 ms

Remote clock offset: -3.759 ms

# Below is generated by plot.py at 2018-01-25 13:32:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 31.766 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 31.766 ms

Loss rate: 0.00%

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

