

## Pantheon Report

Generated at 2018-01-26 10:27:28 (UTC).

Data path: AWS Brazil 1 Ethernet (*local*) → Brazil Ethernet (*remote*).

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

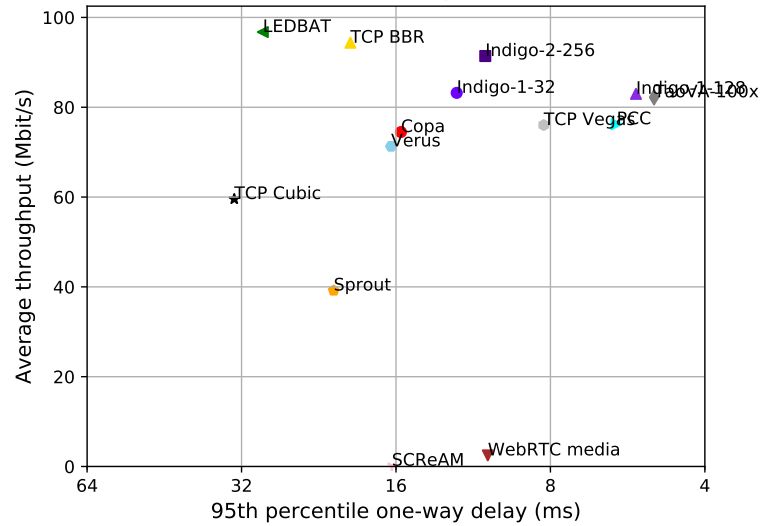
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

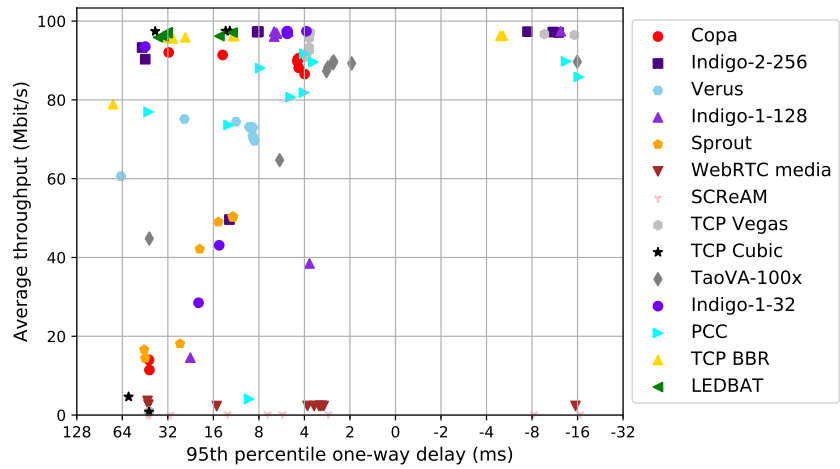
Git summary:

```
branch: master @ f23294ec38436c9f802847d477a41b7343ec76e6
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
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 @ f1a14bffe749737437f61b1eaeab30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil 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	94.37	19.64	1.72
TCP Cubic	5	59.56	33.06	1.89
LEDBAT	10	96.75	29.09	0.02
PCC	10	76.22	5.94	0.08
QUIC Cubic	0	N/A	N/A	N/A
SCReAM	10	0.18	16.30	1.54
WebRTC media	10	2.47	10.60	0.80
Sprout	10	39.19	21.16	0.83
TaoVA-100x	10	82.22	5.03	0.03
TCP Vegas	10	76.03	8.24	1.32
Verus	10	71.29	16.36	1.38
Copa	10	74.47	15.65	0.57
Indigo-2-256	10	91.40	10.72	1.61
Indigo-1-32	9	83.20	12.18	0.66
Indigo-1-128	10	82.99	5.45	0.00

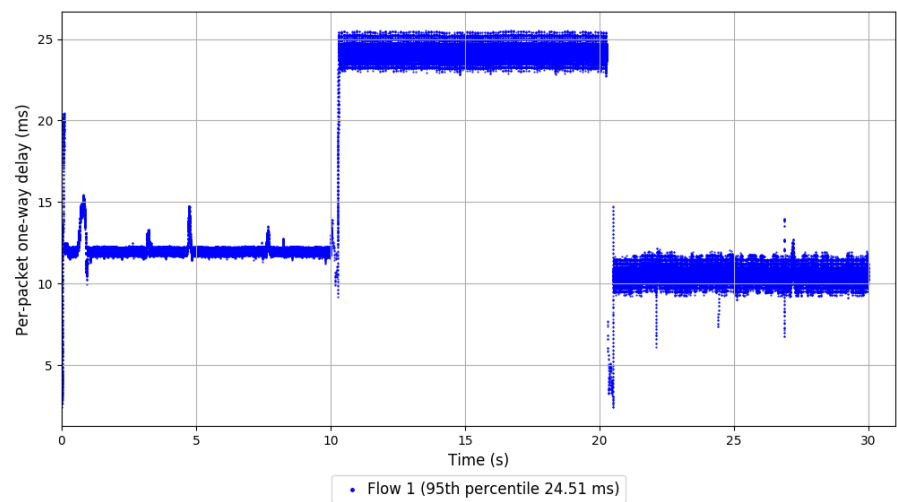
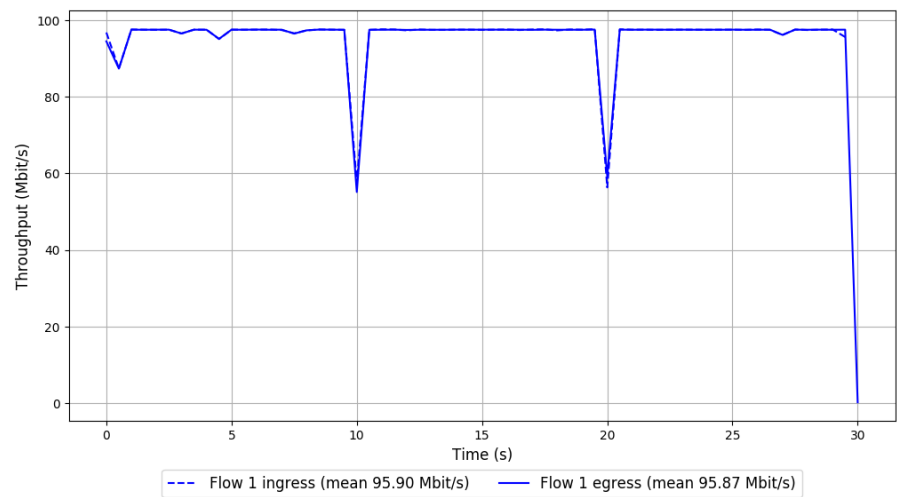
Run 1: Statistics of TCP BBR

Start at: 2018-01-25 23:36:27  
End at: 2018-01-25 23:36:57  
Local clock offset: -0.003 ms  
Remote clock offset: -0.285 ms

# Below is generated by plot.py at 2018-01-26 10:09:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.87 Mbit/s  
95th percentile per-packet one-way delay: 24.512 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.87 Mbit/s  
95th percentile per-packet one-way delay: 24.512 ms  
Loss rate: 0.00%



Run 1: Report of TCP BBR — Data Link

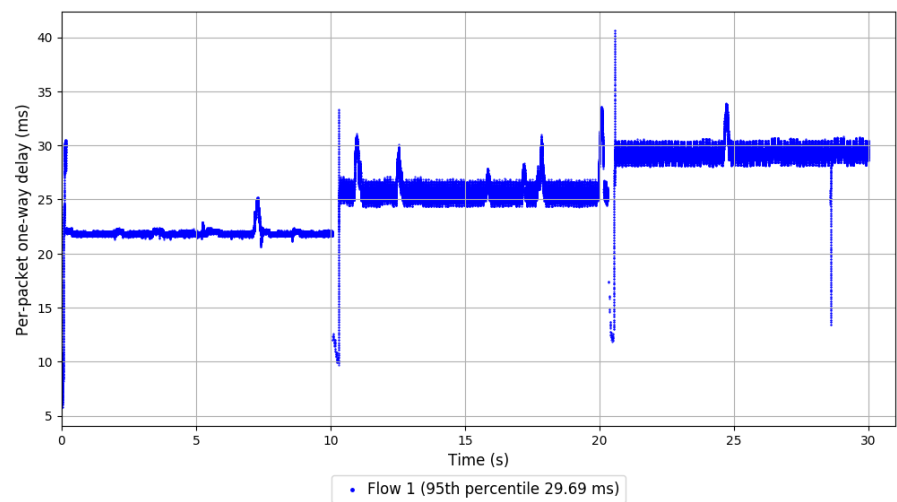
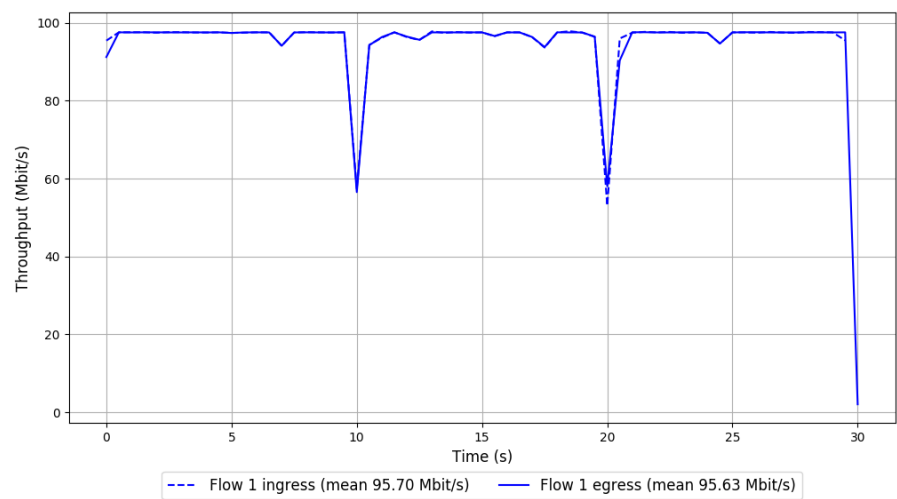


Run 2: Statistics of TCP BBR

Start at: 2018-01-25 23:54:21  
End at: 2018-01-25 23:54:51  
Local clock offset: -0.002 ms  
Remote clock offset: -0.439 ms

# Below is generated by plot.py at 2018-01-26 10:09:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.63 Mbit/s  
95th percentile per-packet one-way delay: 29.689 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 95.63 Mbit/s  
95th percentile per-packet one-way delay: 29.689 ms  
Loss rate: 0.03%

Run 2: Report of TCP BBR — Data Link

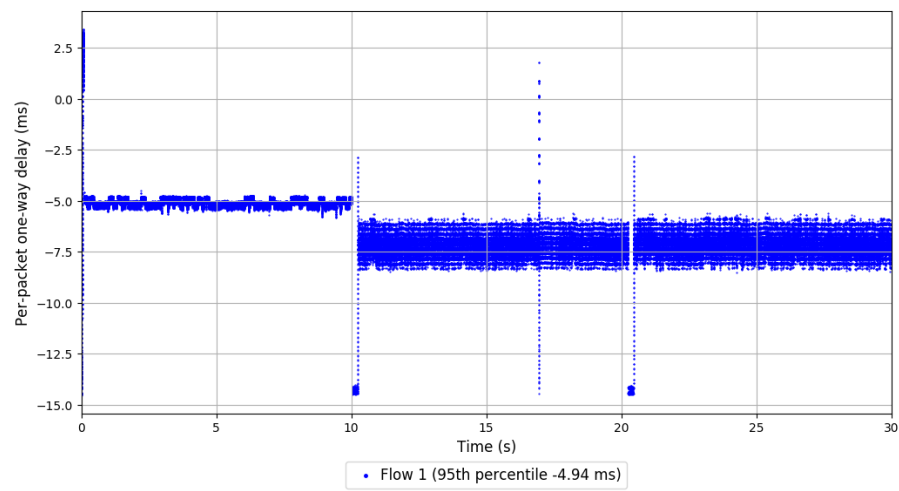
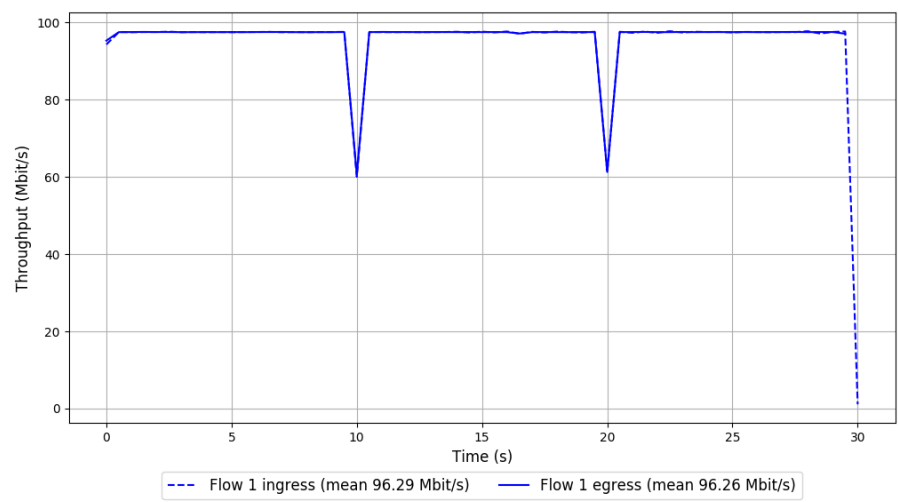


Run 3: Statistics of TCP BBR

Start at: 2018-01-26 00:12:11  
End at: 2018-01-26 00:12:41  
Local clock offset: -0.033 ms  
Remote clock offset: -17.298 ms

# Below is generated by plot.py at 2018-01-26 10:09:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.26 Mbit/s  
95th percentile per-packet one-way delay: -4.936 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.26 Mbit/s  
95th percentile per-packet one-way delay: -4.936 ms  
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

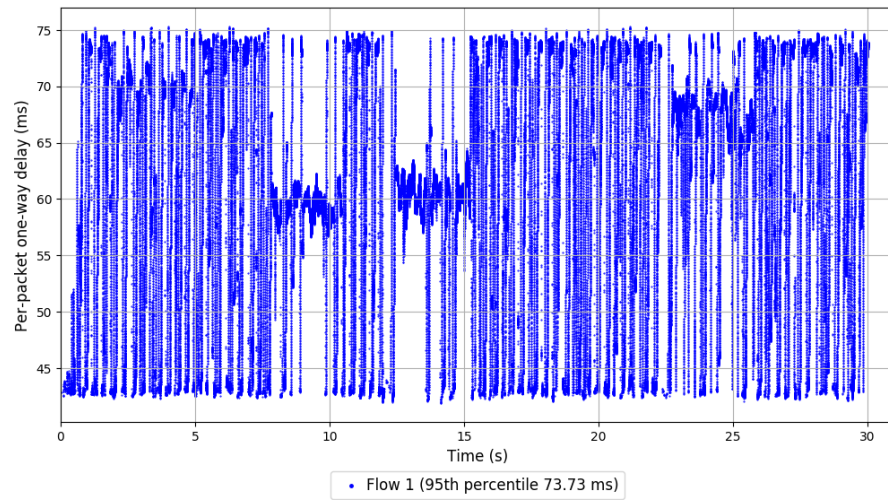
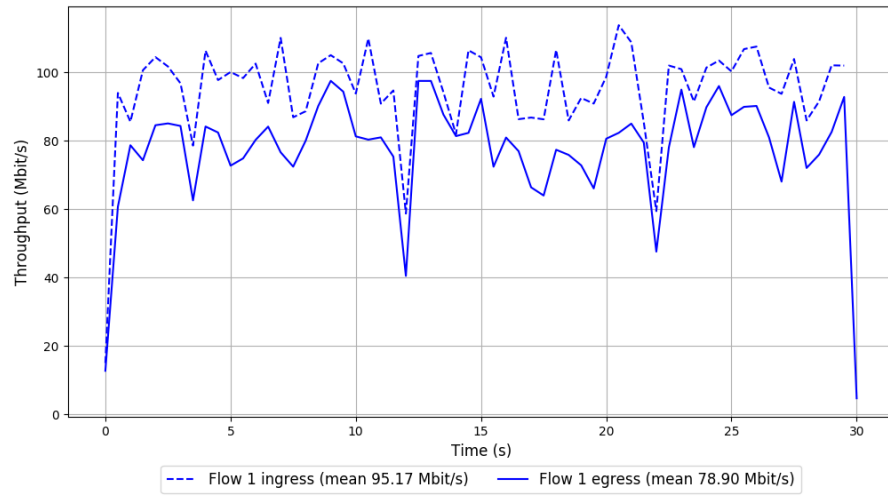


Run 4: Statistics of TCP BBR

Start at: 2018-01-26 00:30:28  
End at: 2018-01-26 00:30:58  
Local clock offset: -0.03 ms  
Remote clock offset: -0.556 ms

# Below is generated by plot.py at 2018-01-26 10:09:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 78.90 Mbit/s  
95th percentile per-packet one-way delay: 73.733 ms  
Loss rate: 17.12%  
-- Flow 1:  
Average throughput: 78.90 Mbit/s  
95th percentile per-packet one-way delay: 73.733 ms  
Loss rate: 17.12%

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



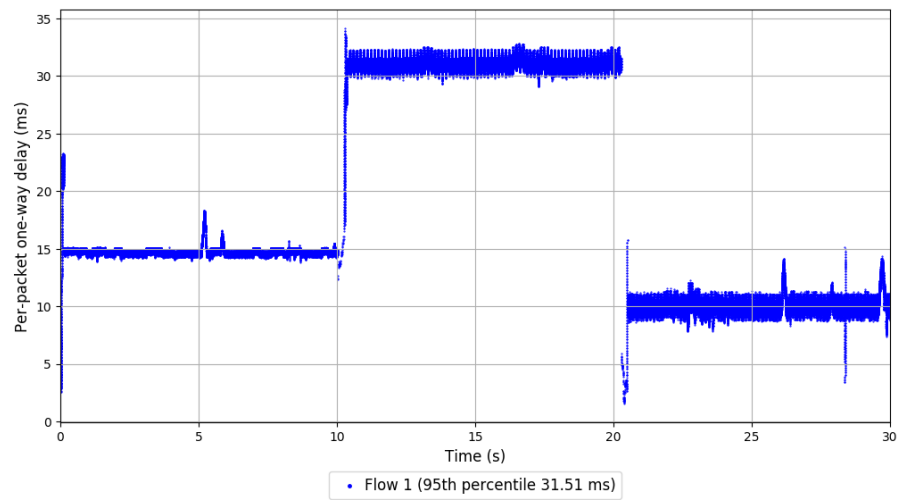
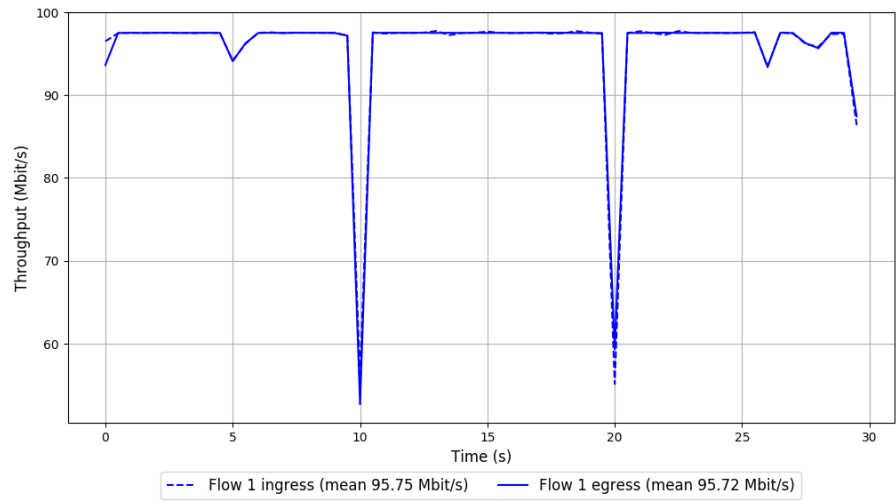
Run 5: Statistics of TCP BBR

Start at: 2018-01-26 00:48:32  
End at: 2018-01-26 00:49:02  
Local clock offset: -0.033 ms  
Remote clock offset: -1.625 ms

# Below is generated by plot.py at 2018-01-26 10:09:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.72 Mbit/s  
95th percentile per-packet one-way delay: 31.509 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 95.72 Mbit/s  
95th percentile per-packet one-way delay: 31.509 ms  
Loss rate: 0.02%



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

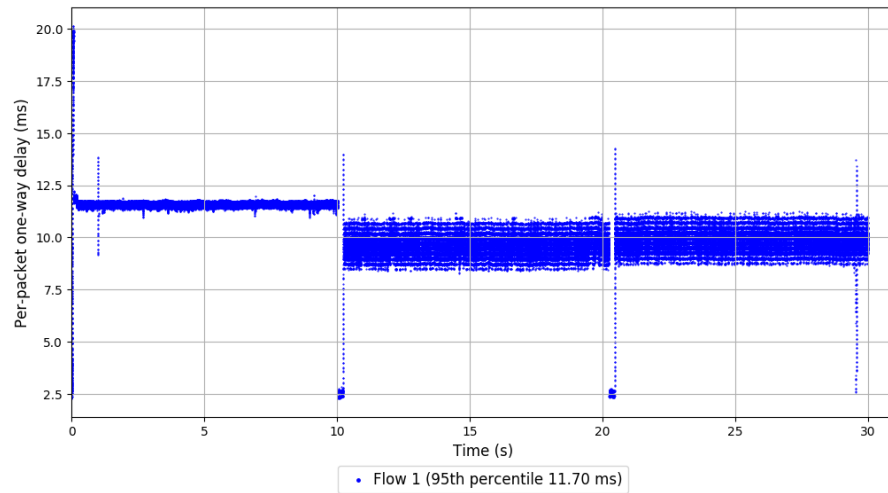
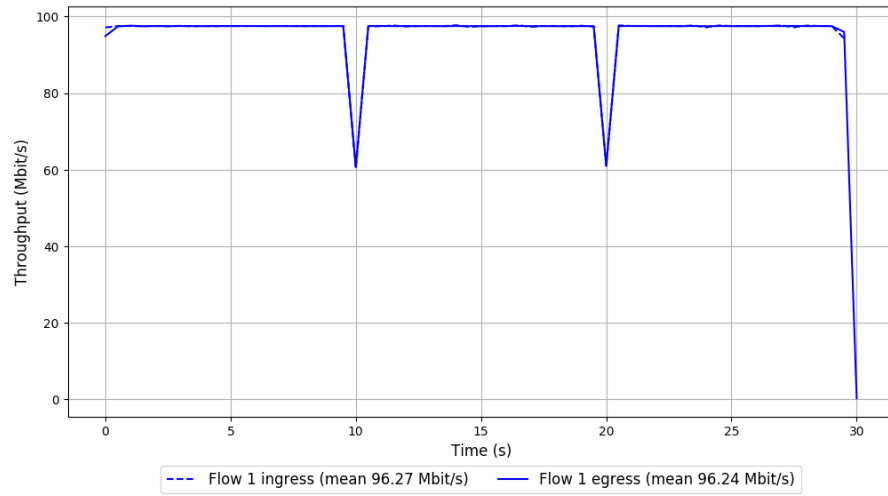


Run 6: Statistics of TCP BBR

Start at: 2018-01-26 01:06:27  
End at: 2018-01-26 01:06:57  
Local clock offset: 0.037 ms  
Remote clock offset: -0.351 ms

# Below is generated by plot.py at 2018-01-26 10:09:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 11.703 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 11.703 ms  
Loss rate: 0.00%

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

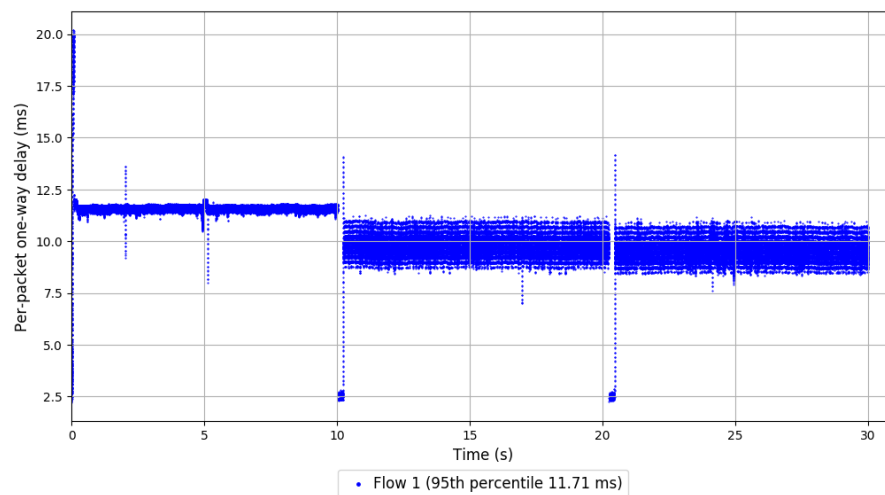
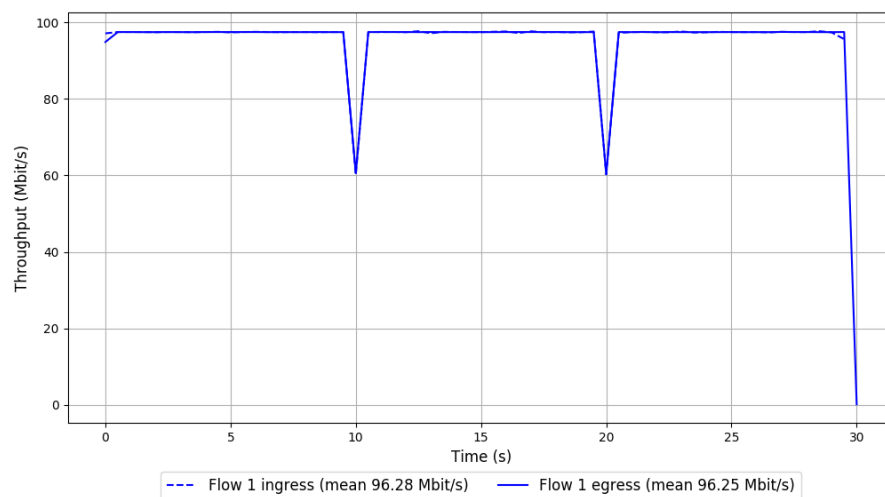


Run 7: Statistics of TCP BBR

Start at: 2018-01-26 01:24:26  
End at: 2018-01-26 01:24:56  
Local clock offset: 0.19 ms  
Remote clock offset: -0.268 ms

# Below is generated by plot.py at 2018-01-26 10:09:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 11.708 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.25 Mbit/s  
95th percentile per-packet one-way delay: 11.708 ms  
Loss rate: 0.00%

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

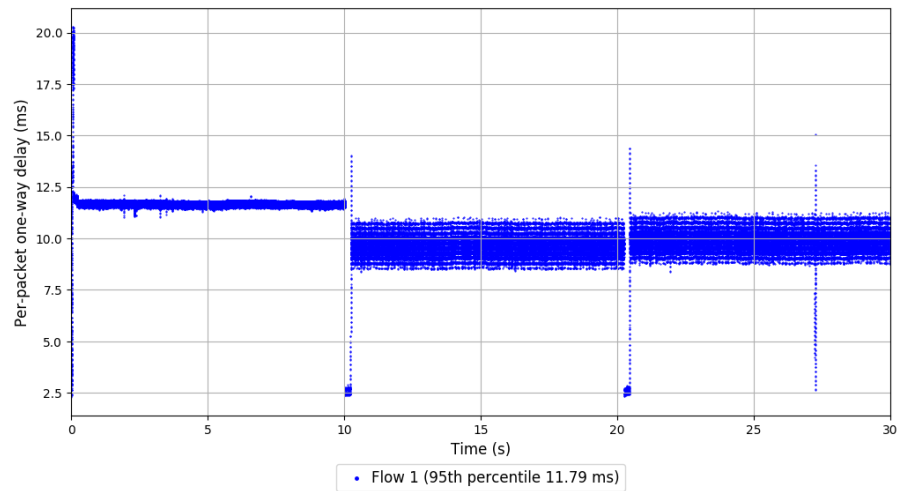
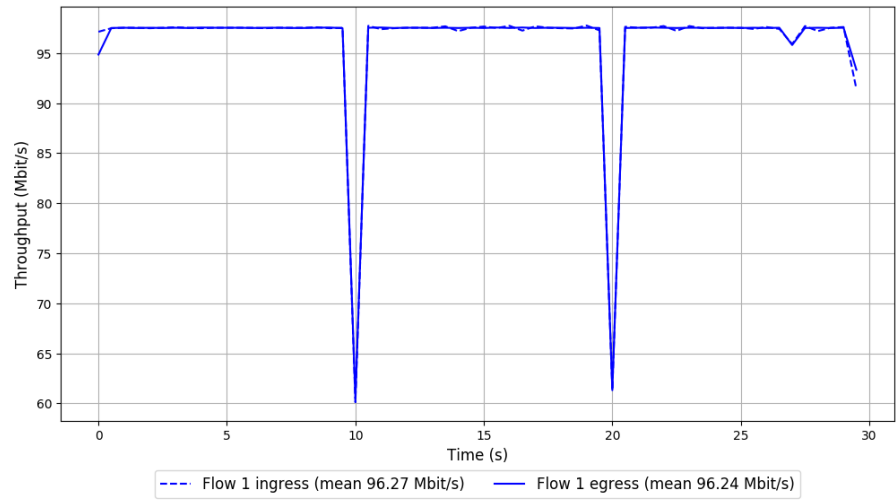


Run 8: Statistics of TCP BBR

Start at: 2018-01-26 01:42:26  
End at: 2018-01-26 01:42:56  
Local clock offset: 0.283 ms  
Remote clock offset: -0.285 ms

# Below is generated by plot.py at 2018-01-26 10:09:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 11.789 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 11.789 ms  
Loss rate: 0.00%

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



Run 9: Statistics of TCP BBR

Start at: 2018-01-26 02:00:28

End at: 2018-01-26 02:00:58

Local clock offset: 0.4 ms

Remote clock offset: -0.424 ms

# Below is generated by plot.py at 2018-01-26 10:11:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.788 ms

Loss rate: 0.00%

-- Flow 1:

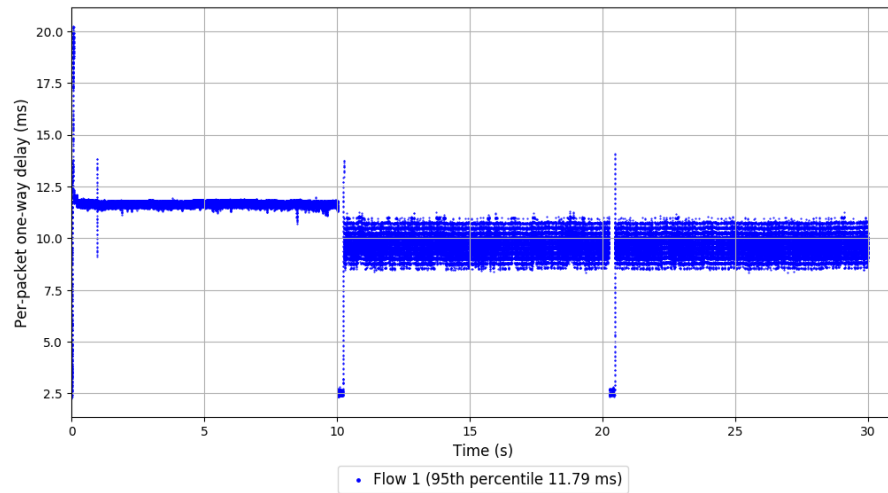
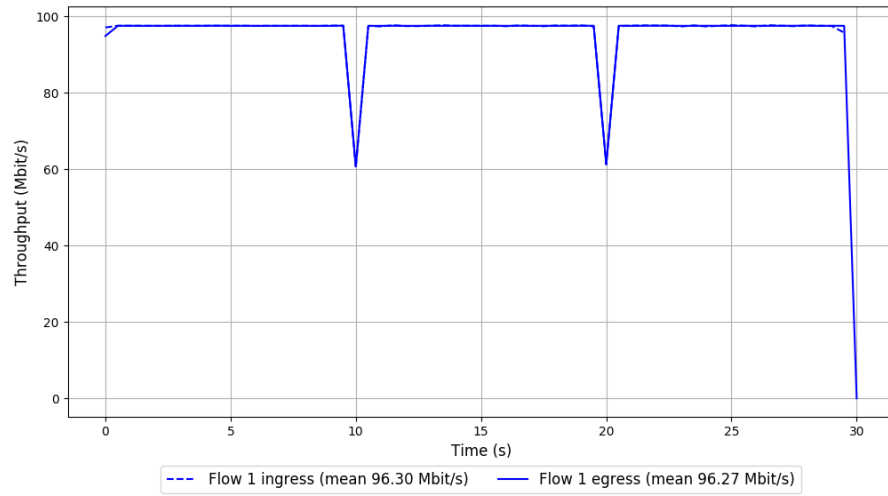
Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 11.788 ms

Loss rate: 0.00%



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

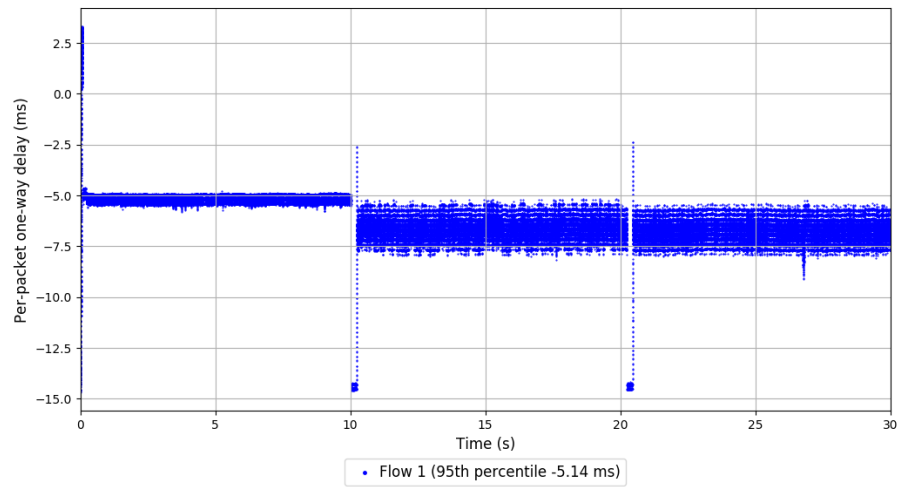
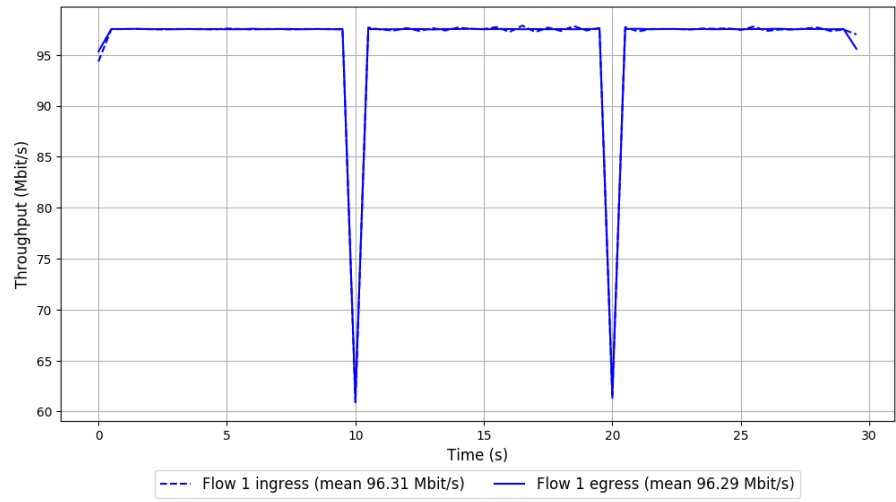


Run 10: Statistics of TCP BBR

Start at: 2018-01-26 02:18:29  
End at: 2018-01-26 02:18:59  
Local clock offset: 0.473 ms  
Remote clock offset: -17.379 ms

# Below is generated by plot.py at 2018-01-26 10:11:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.29 Mbit/s  
95th percentile per-packet one-way delay: -5.138 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.29 Mbit/s  
95th percentile per-packet one-way delay: -5.138 ms  
Loss rate: 0.00%

# Run 10: Report of TCP BBR — Data Link

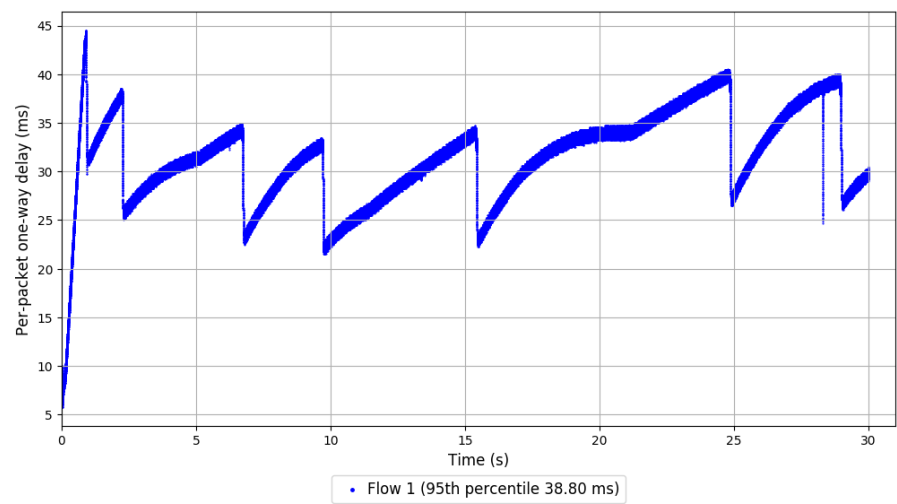
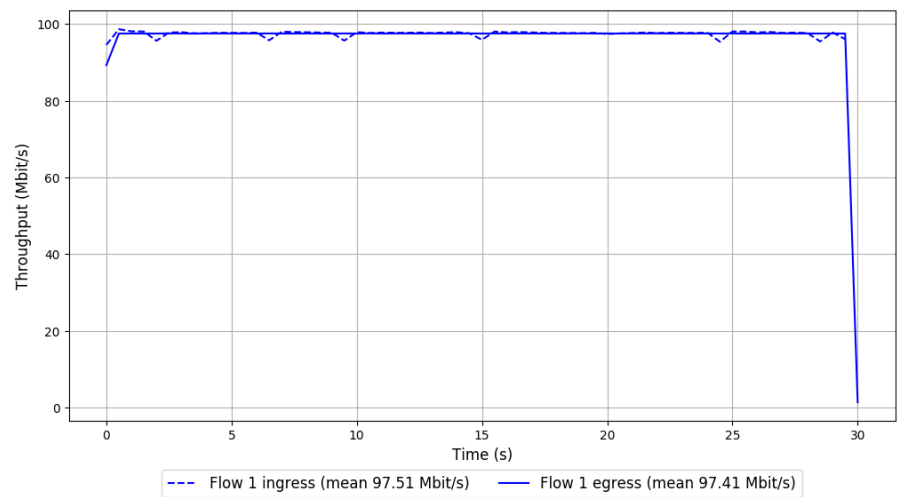


Run 1: Statistics of TCP Cubic

Start at: 2018-01-25 23:35:19  
End at: 2018-01-25 23:35:49  
Local clock offset: -0.019 ms  
Remote clock offset: -0.274 ms

# Below is generated by plot.py at 2018-01-26 10:11:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.41 Mbit/s  
95th percentile per-packet one-way delay: 38.804 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 97.41 Mbit/s  
95th percentile per-packet one-way delay: 38.804 ms  
Loss rate: 0.07%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

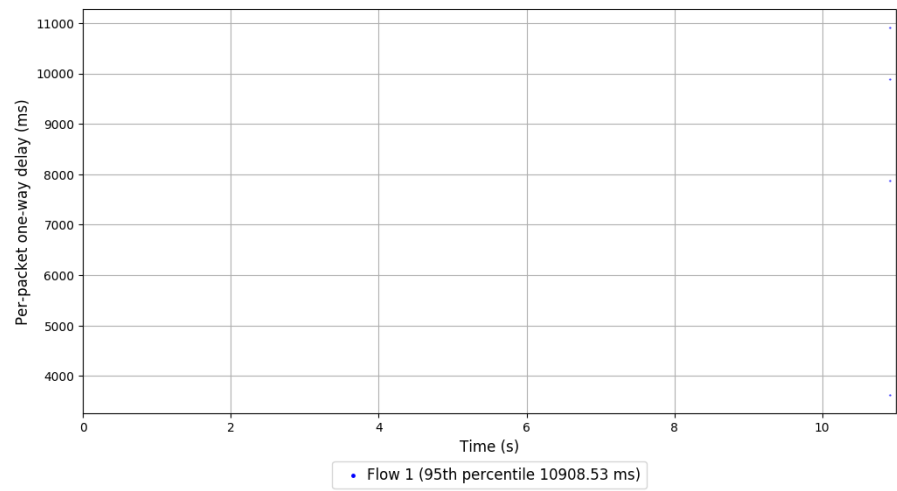
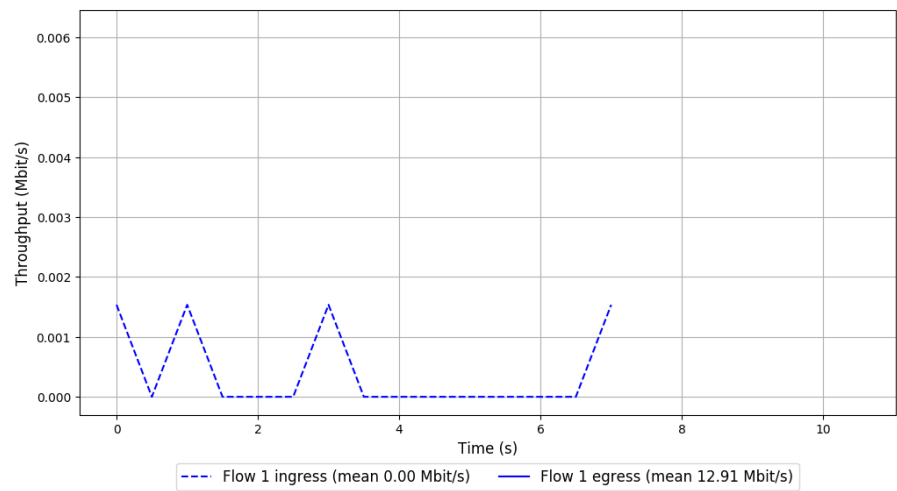
Start at: 2018-01-25 23:53:18

End at: 2018-01-25 23:53:48

Local clock offset: 0.009 ms

Remote clock offset: -20.135 ms

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-01-26 00:11:07

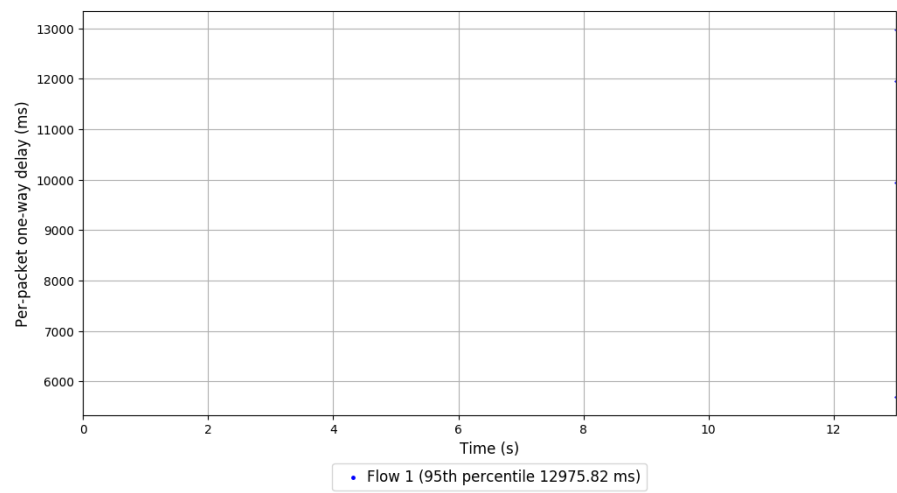
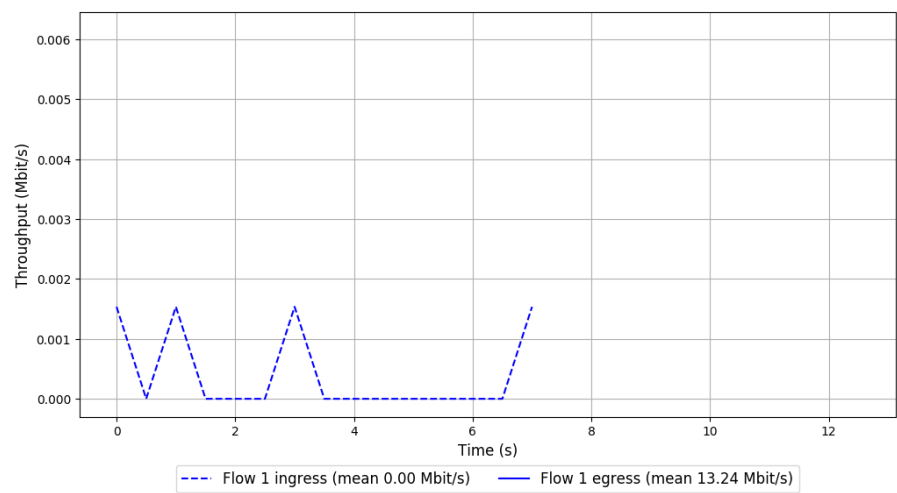
End at: 2018-01-26 00:11:37

Local clock offset: -0.081 ms

Remote clock offset: -0.461 ms



Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

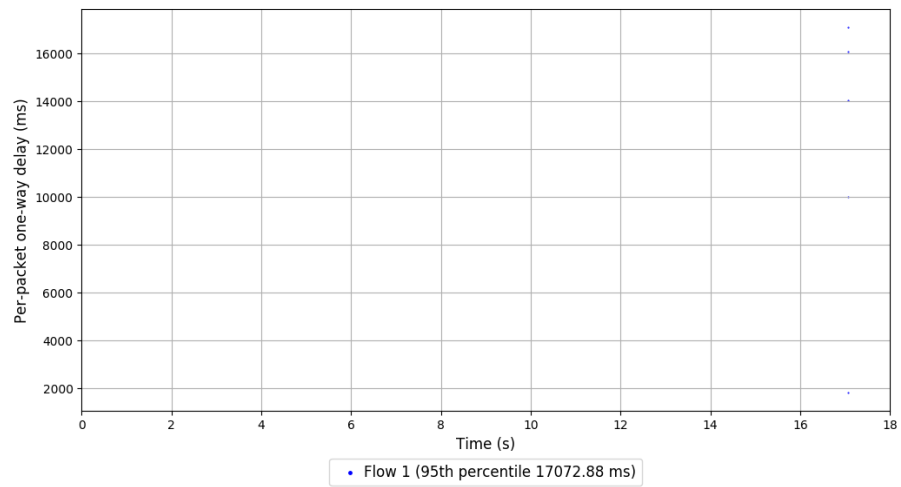
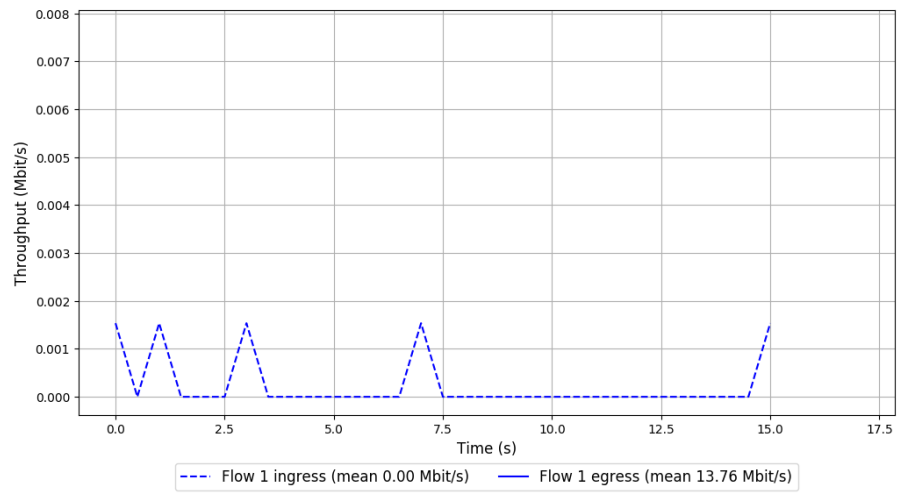
Start at: 2018-01-26 00:29:25

End at: 2018-01-26 00:29:55

Local clock offset: -0.019 ms

Remote clock offset: -0.625 ms

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

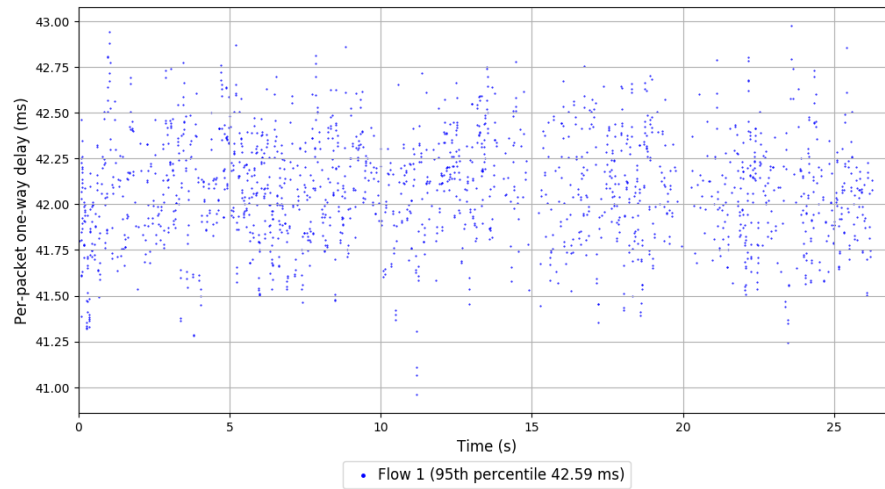
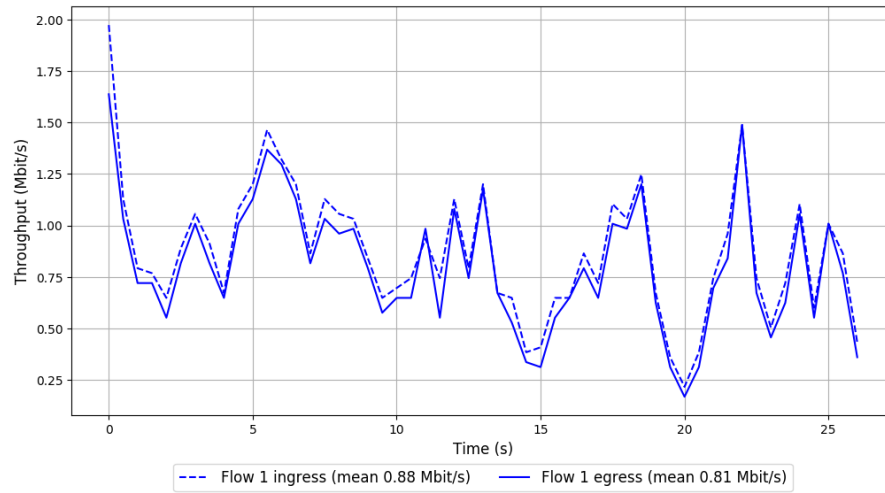


Run 5: Statistics of TCP Cubic

Start at: 2018-01-26 00:47:28  
End at: 2018-01-26 00:47:58  
Local clock offset: -0.03 ms  
Remote clock offset: -0.475 ms

# Below is generated by plot.py at 2018-01-26 10:11:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.81 Mbit/s  
95th percentile per-packet one-way delay: 42.586 ms  
Loss rate: 7.81%  
-- Flow 1:  
Average throughput: 0.81 Mbit/s  
95th percentile per-packet one-way delay: 42.586 ms  
Loss rate: 7.81%

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



Run 6: Statistics of TCP Cubic

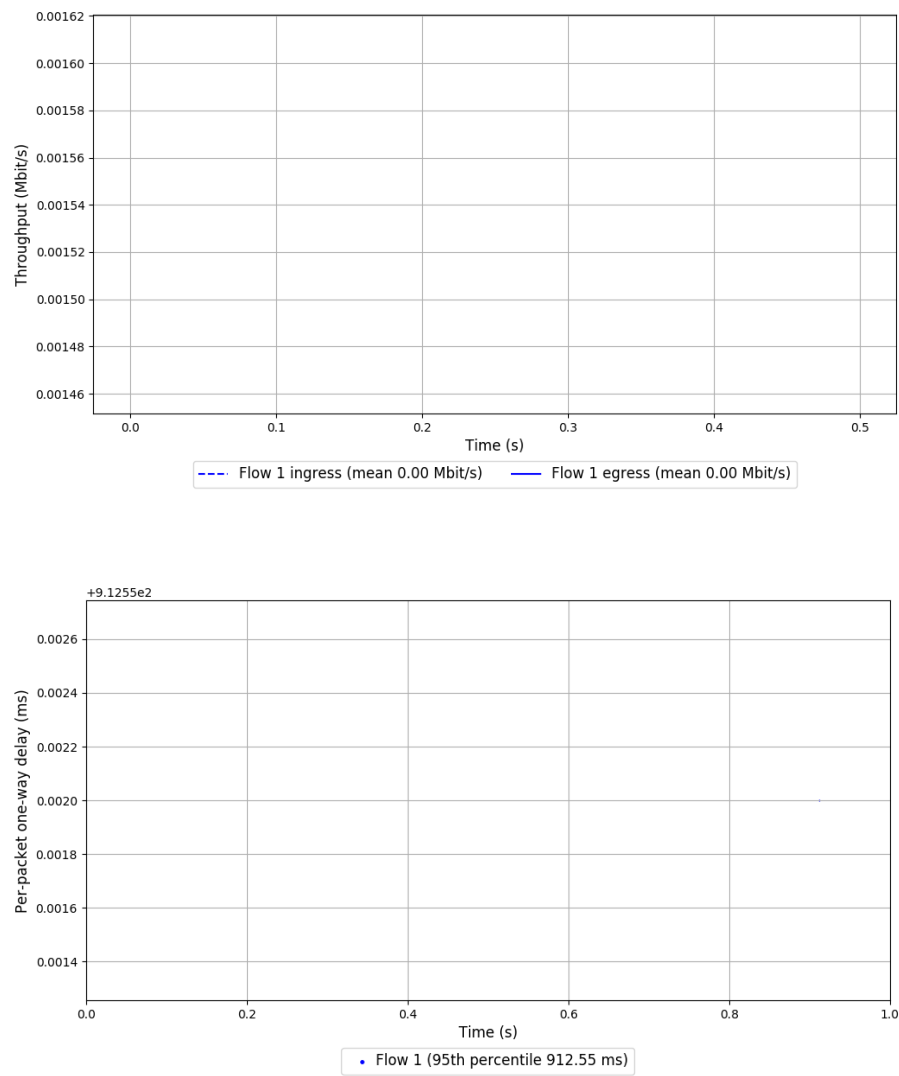
Start at: 2018-01-26 01:05:23

End at: 2018-01-26 01:05:53

Local clock offset: 0.006 ms

Remote clock offset: -0.373 ms

Run 6: Report of TCP Cubic — Data Link



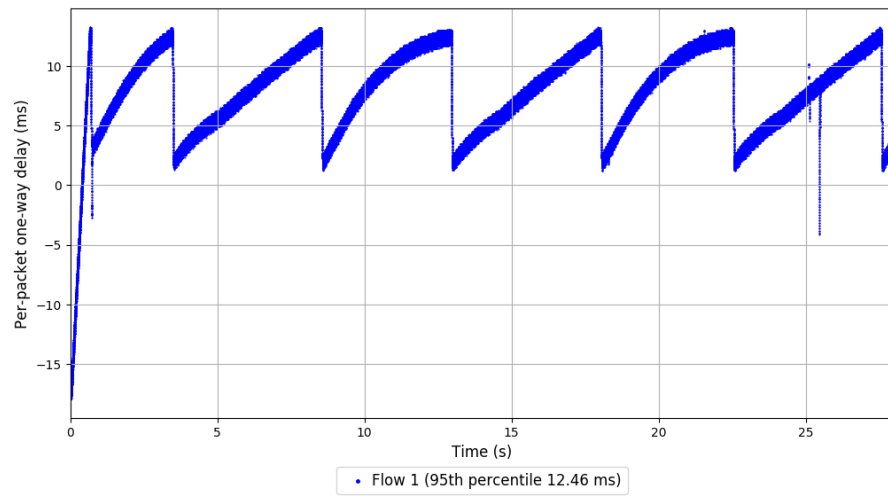
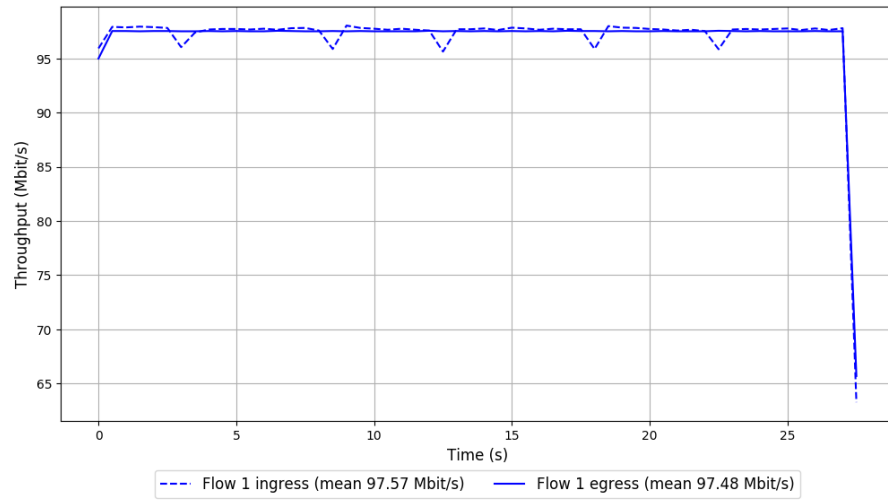
Run 7: Statistics of TCP Cubic

Start at: 2018-01-26 01:23:18  
End at: 2018-01-26 01:23:48  
Local clock offset: 0.171 ms  
Remote clock offset: -20.475 ms

# Below is generated by plot.py at 2018-01-26 10:11:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.48 Mbit/s  
95th percentile per-packet one-way delay: 12.455 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.48 Mbit/s  
95th percentile per-packet one-way delay: 12.455 ms  
Loss rate: 0.01%



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

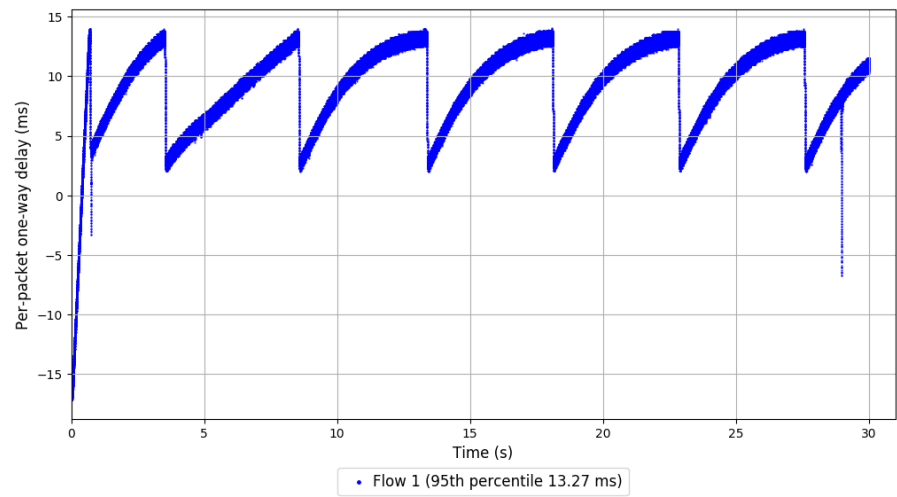
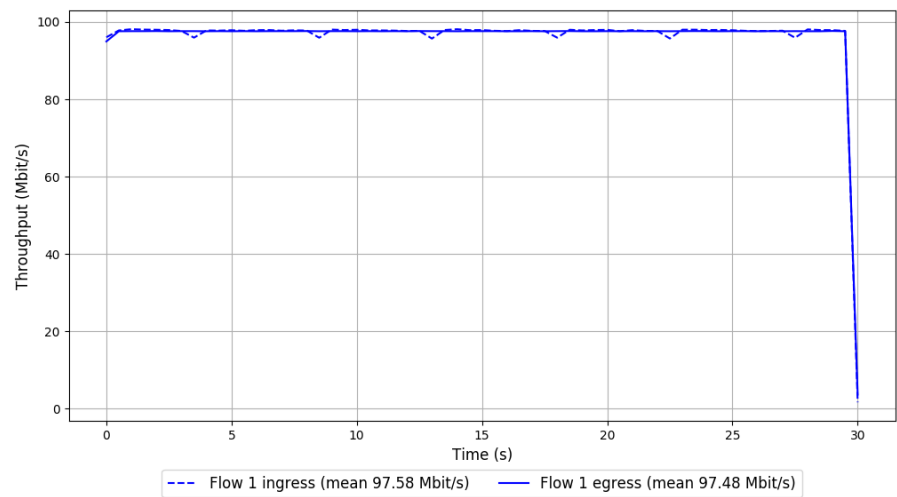


Run 8: Statistics of TCP Cubic

Start at: 2018-01-26 01:41:17  
End at: 2018-01-26 01:41:47  
Local clock offset: 0.338 ms  
Remote clock offset: -19.716 ms

# Below is generated by plot.py at 2018-01-26 10:11:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.48 Mbit/s  
95th percentile per-packet one-way delay: 13.269 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.48 Mbit/s  
95th percentile per-packet one-way delay: 13.269 ms  
Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

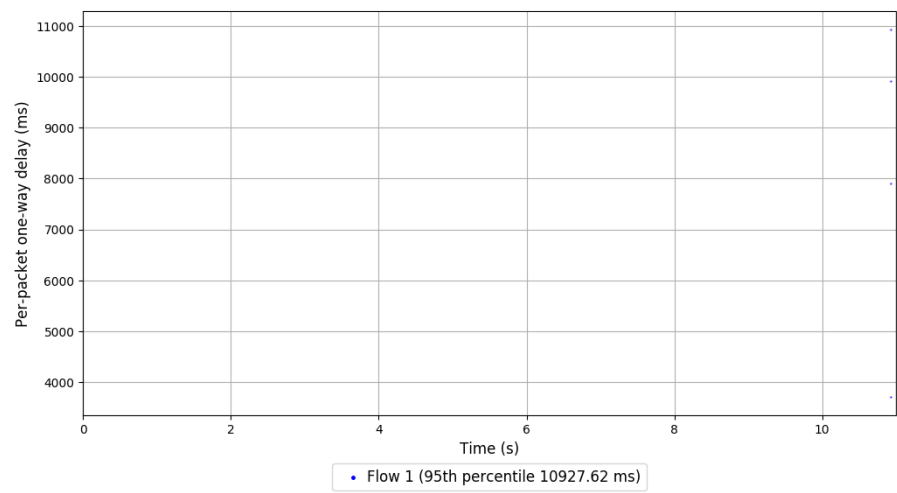
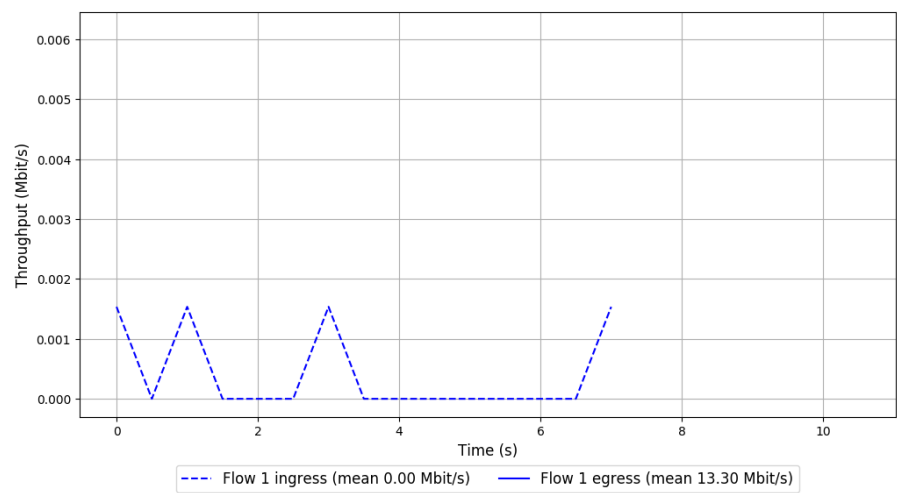
Start at: 2018-01-26 01:59:24

End at: 2018-01-26 01:59:54

Local clock offset: 0.472 ms

Remote clock offset: -0.476 ms

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-26 02:17:24

End at: 2018-01-26 02:17:54

Local clock offset: 0.484 ms

Remote clock offset: -0.44 ms

# Below is generated by plot.py at 2018-01-26 10:11:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 58.198 ms

Loss rate: 1.55%

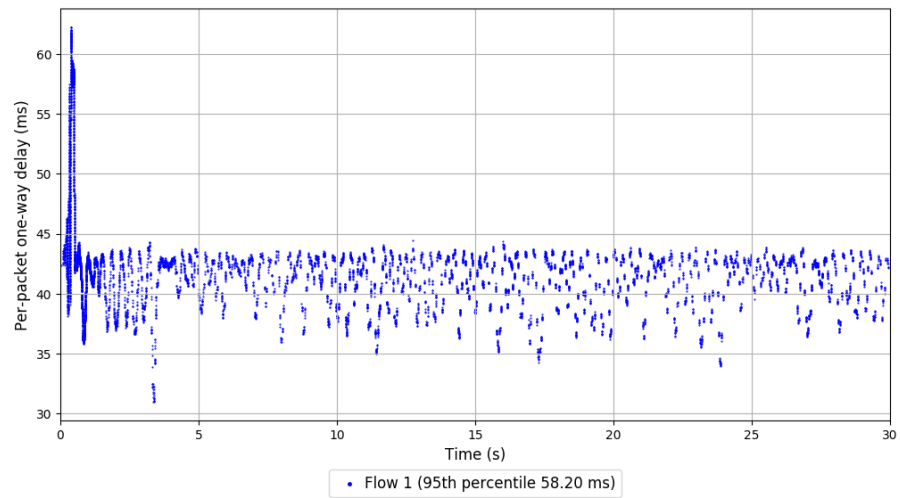
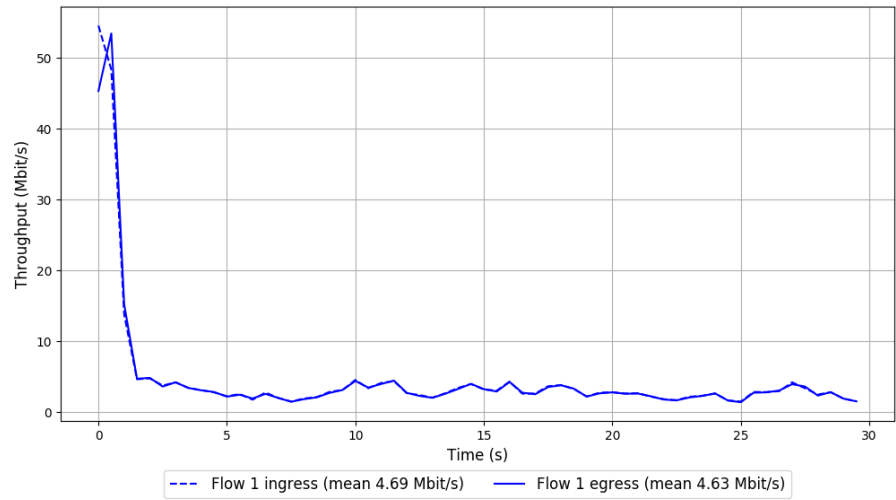
-- Flow 1:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 58.198 ms

Loss rate: 1.55%

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



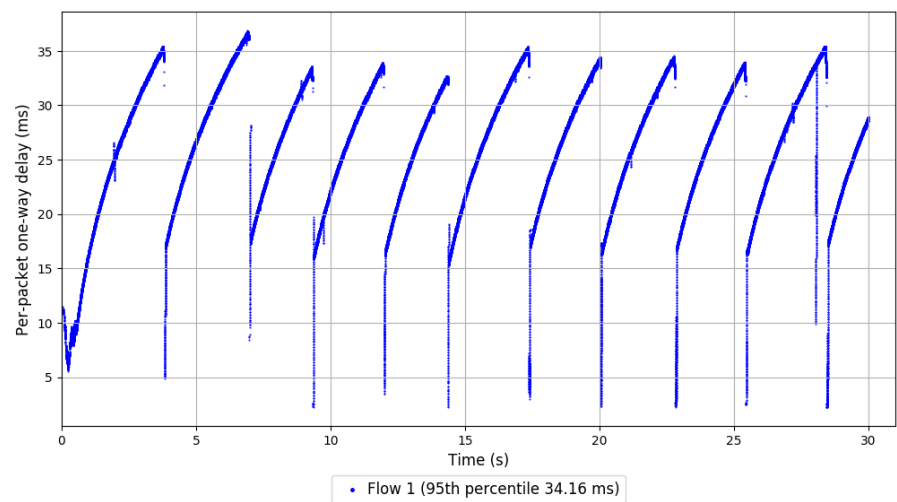
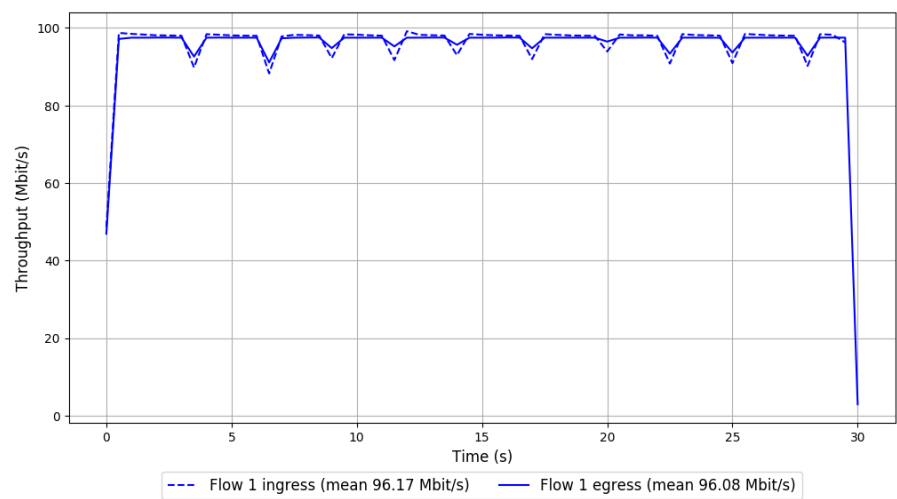
```
Run 1: Statistics of LEDBAT

Start at: 2018-01-25 23:33:01
End at: 2018-01-25 23:33:31
Local clock offset: 0.011 ms
Remote clock offset: -0.338 ms

# Below is generated by plot.py at 2018-01-26 10:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 34.165 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 34.165 ms
Loss rate: 0.06%
```



Run 1: Report of LEDBAT — Data Link

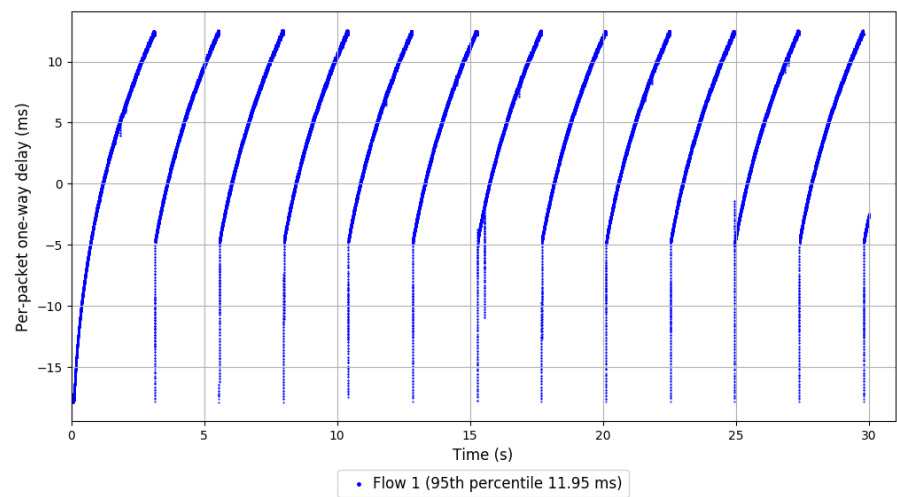
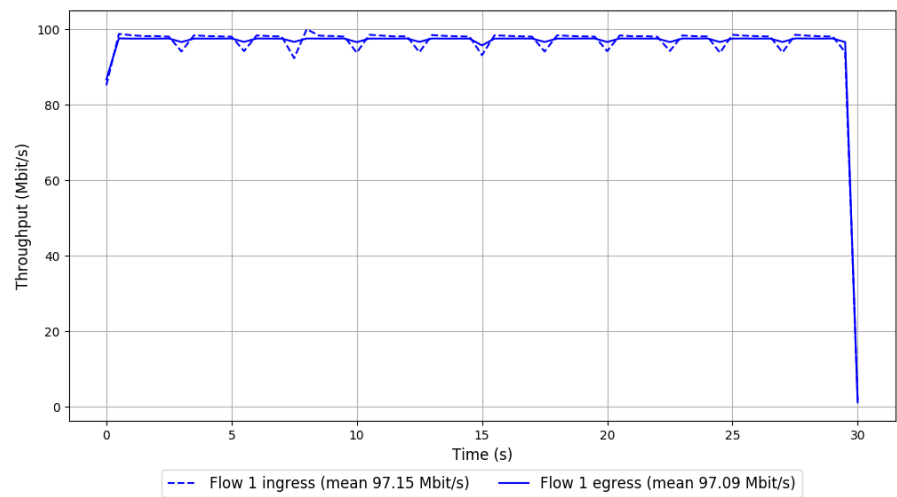


Run 2: Statistics of LEDBAT

Start at: 2018-01-25 23:50:59  
End at: 2018-01-25 23:51:29  
Local clock offset: 0.004 ms  
Remote clock offset: -20.549 ms

# Below is generated by plot.py at 2018-01-26 10:11:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 11.946 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 11.946 ms  
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

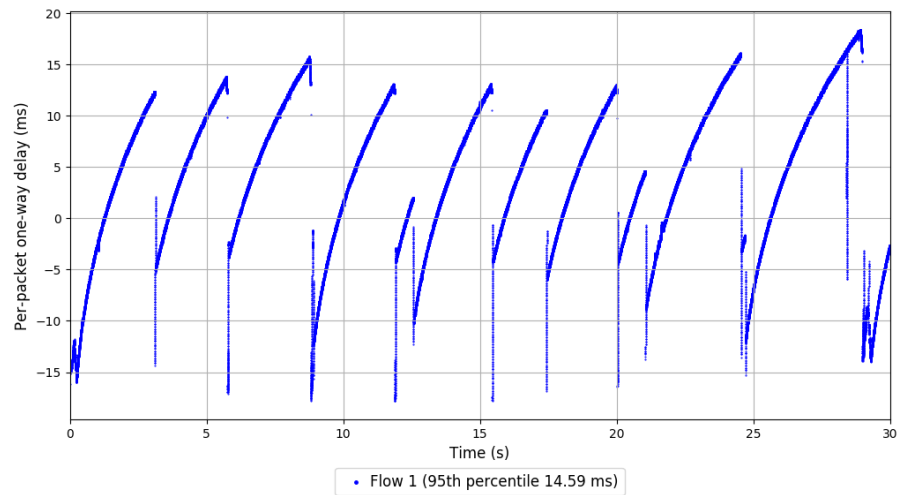
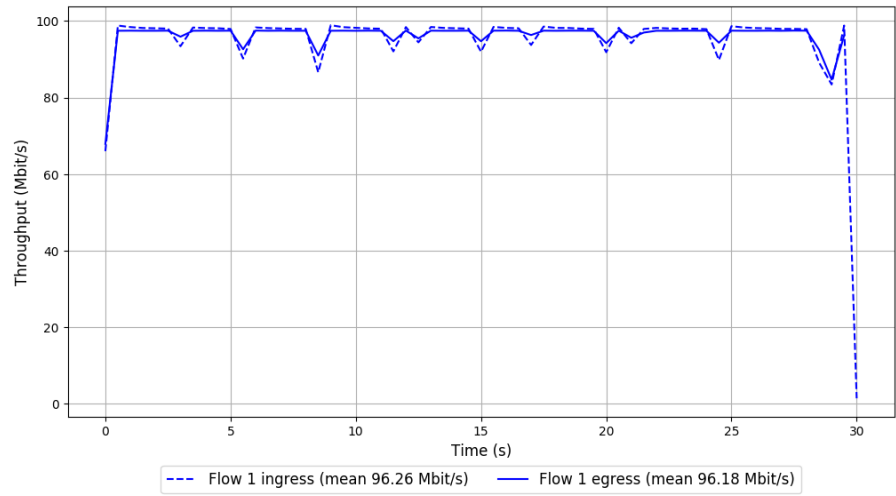


Run 3: Statistics of LEDBAT

Start at: 2018-01-26 00:08:49  
End at: 2018-01-26 00:09:19  
Local clock offset: -0.078 ms  
Remote clock offset: -20.654 ms

# Below is generated by plot.py at 2018-01-26 10:11:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.18 Mbit/s  
95th percentile per-packet one-way delay: 14.587 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 96.18 Mbit/s  
95th percentile per-packet one-way delay: 14.587 ms  
Loss rate: 0.07%

### Run 3: Report of LEDBAT — Data Link

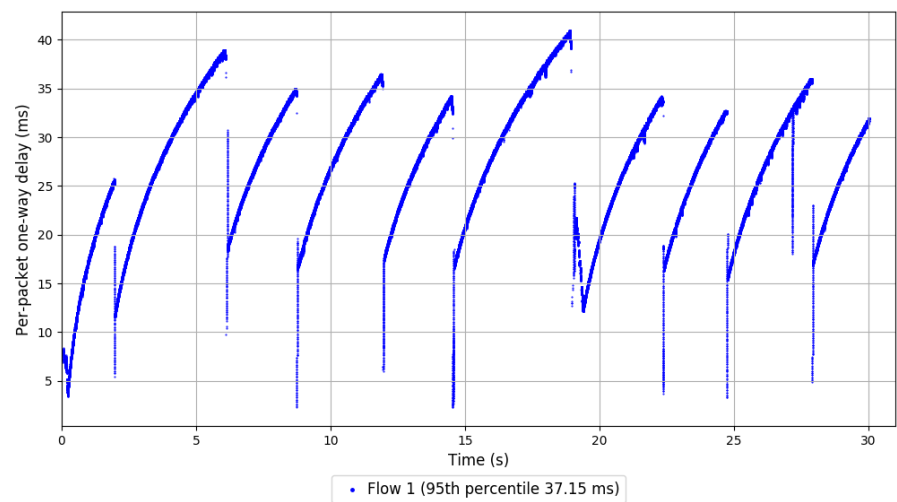
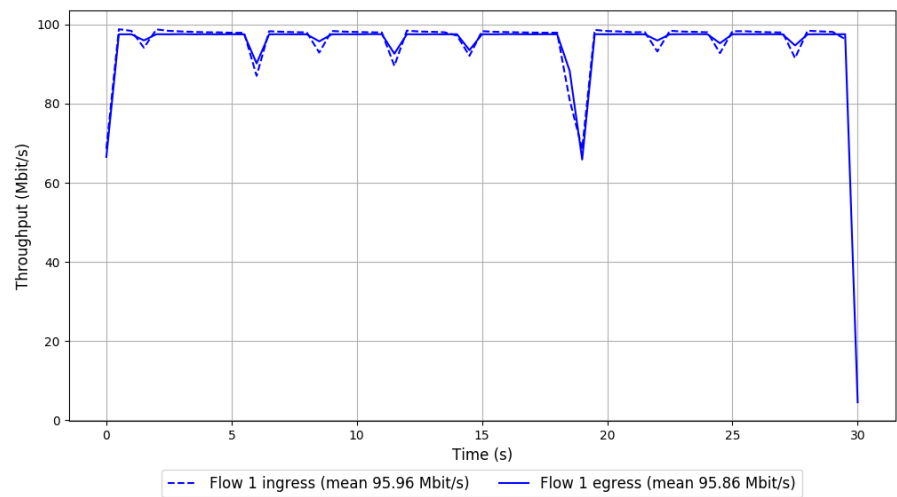


Run 4: Statistics of LEDBAT

Start at: 2018-01-26 00:27:07  
End at: 2018-01-26 00:27:37  
Local clock offset: -0.026 ms  
Remote clock offset: -0.588 ms

# Below is generated by plot.py at 2018-01-26 10:12:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.86 Mbit/s  
95th percentile per-packet one-way delay: 37.149 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 95.86 Mbit/s  
95th percentile per-packet one-way delay: 37.149 ms  
Loss rate: 0.02%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-01-26 00:45:09

End at: 2018-01-26 00:45:39

Local clock offset: -0.103 ms

Remote clock offset: -0.51 ms

# Below is generated by plot.py at 2018-01-26 10:12:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.186 ms

Loss rate: 0.01%

-- Flow 1:

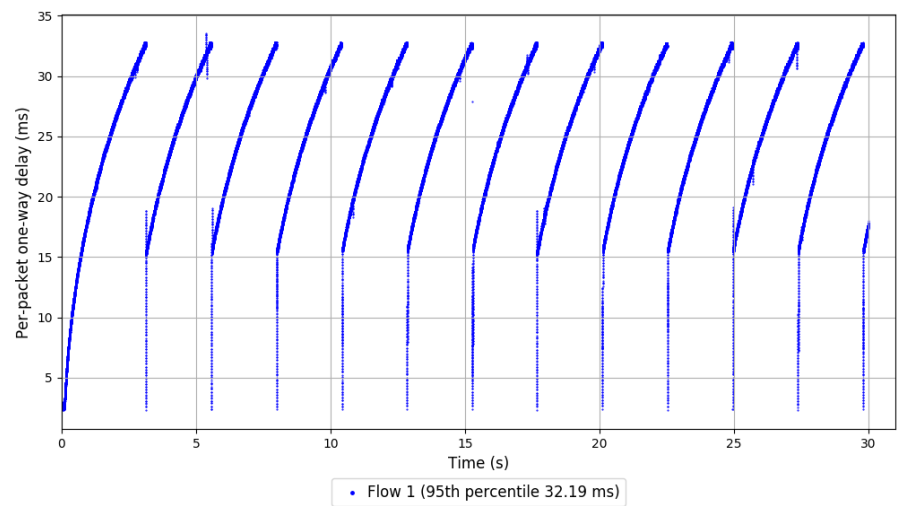
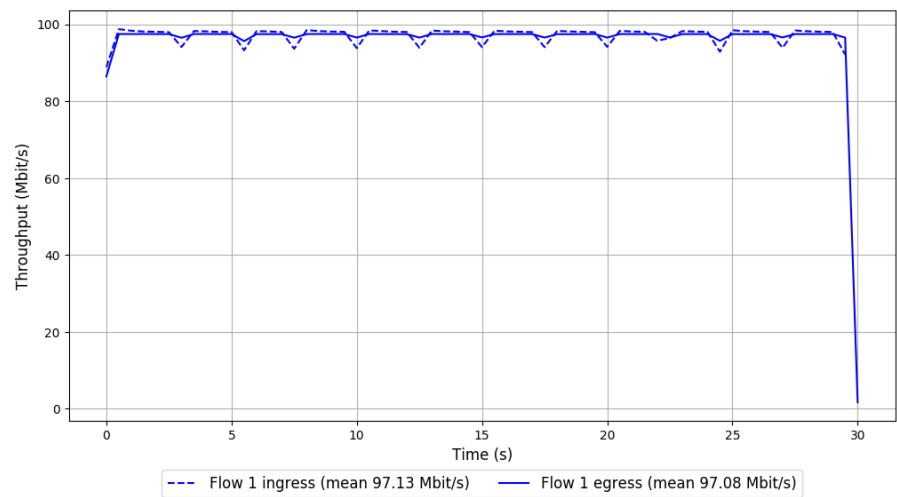
Average throughput: 97.08 Mbit/s

95th percentile per-packet one-way delay: 32.186 ms

Loss rate: 0.01%



Run 5: Report of LEDBAT — Data Link

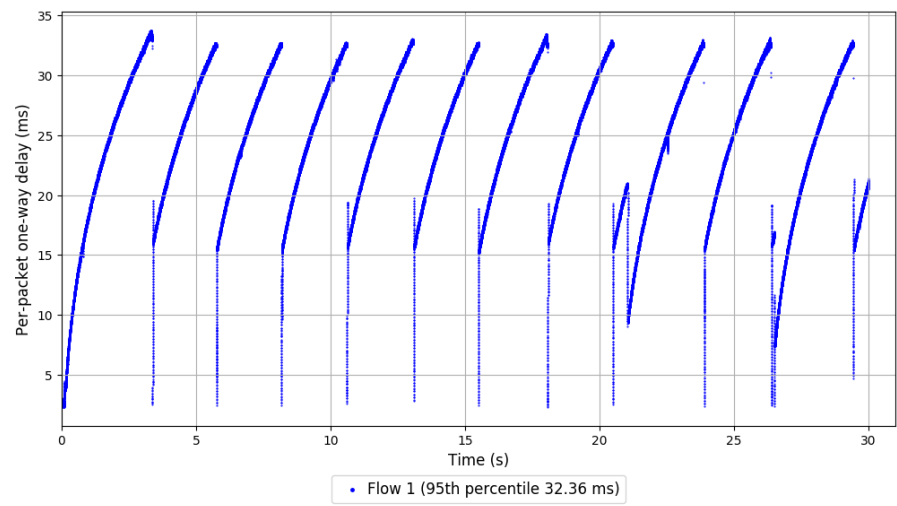
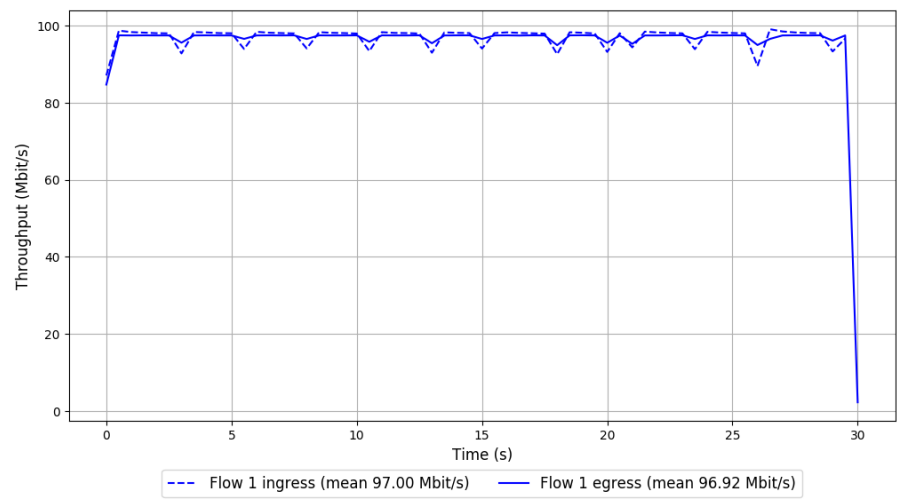


Run 6: Statistics of LEDBAT

Start at: 2018-01-26 01:03:05  
End at: 2018-01-26 01:03:35  
Local clock offset: -0.02 ms  
Remote clock offset: -0.393 ms

# Below is generated by plot.py at 2018-01-26 10:12:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.92 Mbit/s  
95th percentile per-packet one-way delay: 32.360 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.92 Mbit/s  
95th percentile per-packet one-way delay: 32.360 ms  
Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link

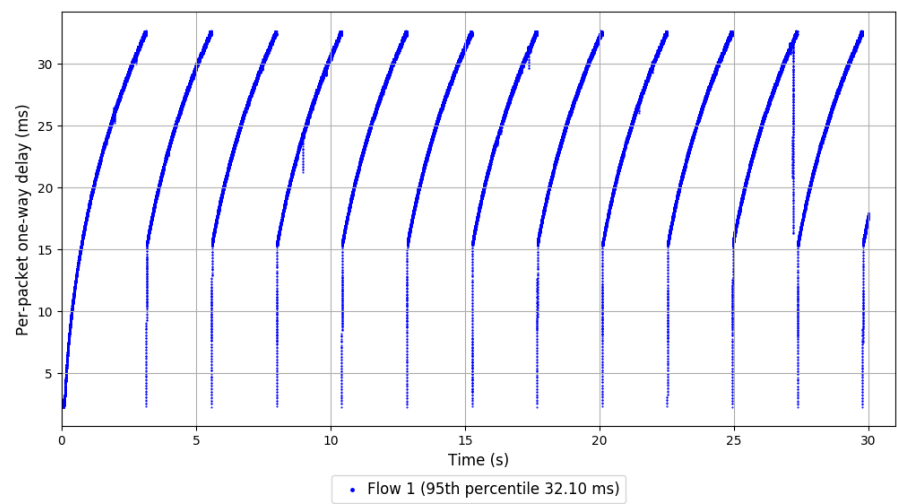
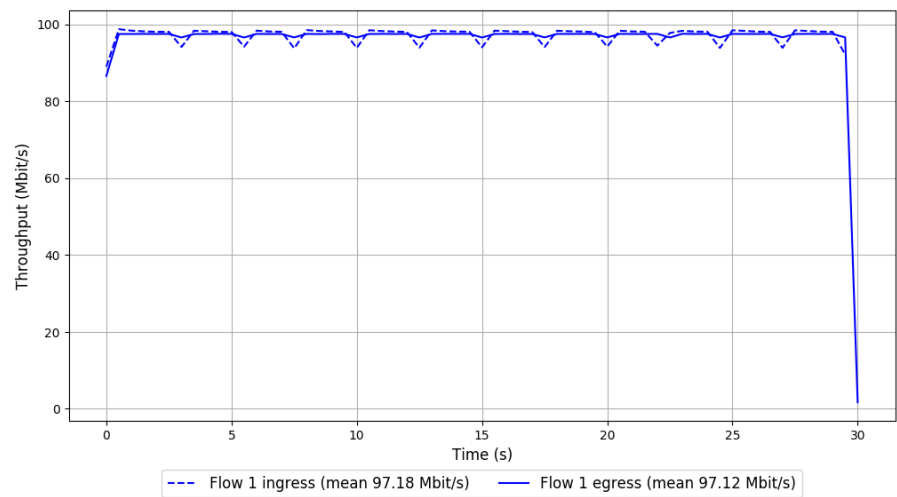


Run 7: Statistics of LEDBAT

Start at: 2018-01-26 01:21:00  
End at: 2018-01-26 01:21:30  
Local clock offset: 0.162 ms  
Remote clock offset: -0.334 ms

# Below is generated by plot.py at 2018-01-26 10:12:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.12 Mbit/s  
95th percentile per-packet one-way delay: 32.100 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.12 Mbit/s  
95th percentile per-packet one-way delay: 32.100 ms  
Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link

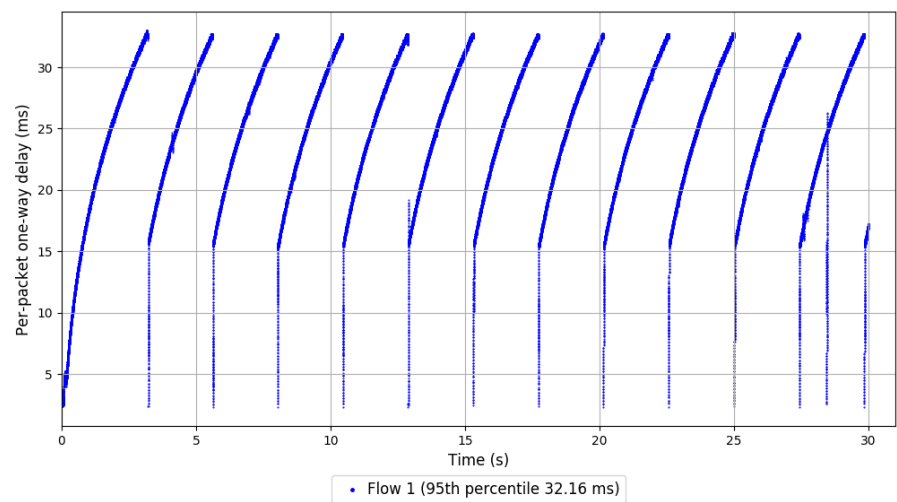
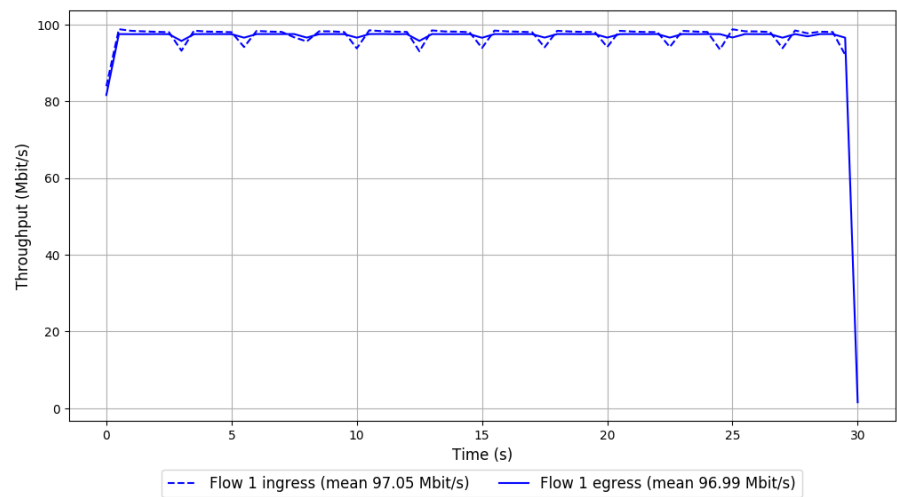


Run 8: Statistics of LEDBAT

Start at: 2018-01-26 01:38:59  
End at: 2018-01-26 01:39:29  
Local clock offset: 0.302 ms  
Remote clock offset: -0.295 ms

# Below is generated by plot.py at 2018-01-26 10:12:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.99 Mbit/s  
95th percentile per-packet one-way delay: 32.156 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 96.99 Mbit/s  
95th percentile per-packet one-way delay: 32.156 ms  
Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link



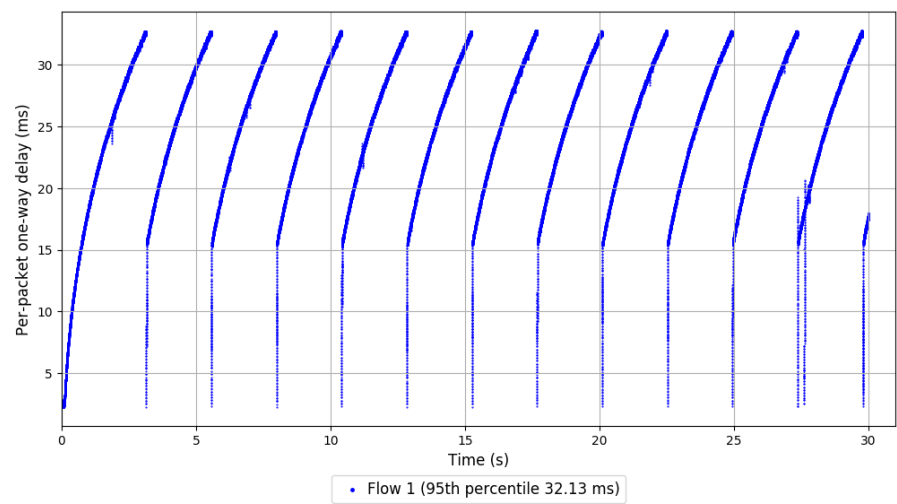
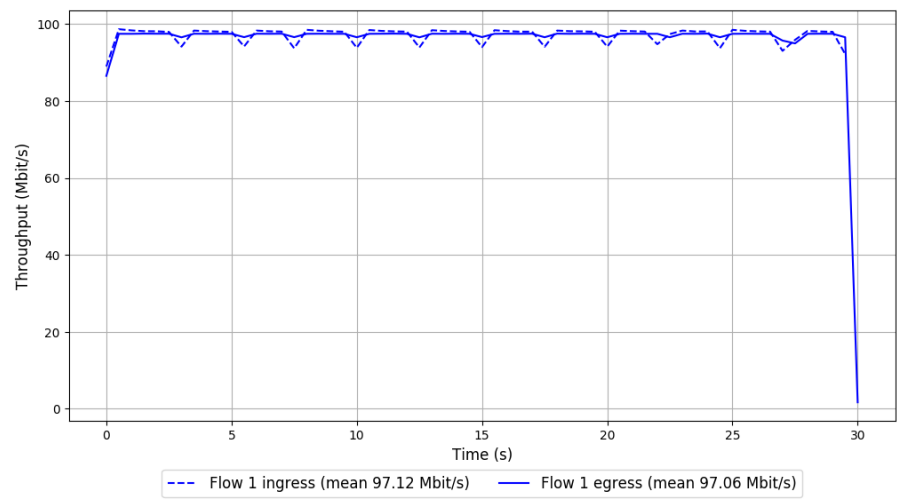
Run 9: Statistics of LEDBAT

Start at: 2018-01-26 01:57:06  
End at: 2018-01-26 01:57:36  
Local clock offset: 0.447 ms  
Remote clock offset: -0.434 ms

# Below is generated by plot.py at 2018-01-26 10:12:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 32.129 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 32.129 ms  
Loss rate: 0.01%



Run 9: Report of LEDBAT — Data Link

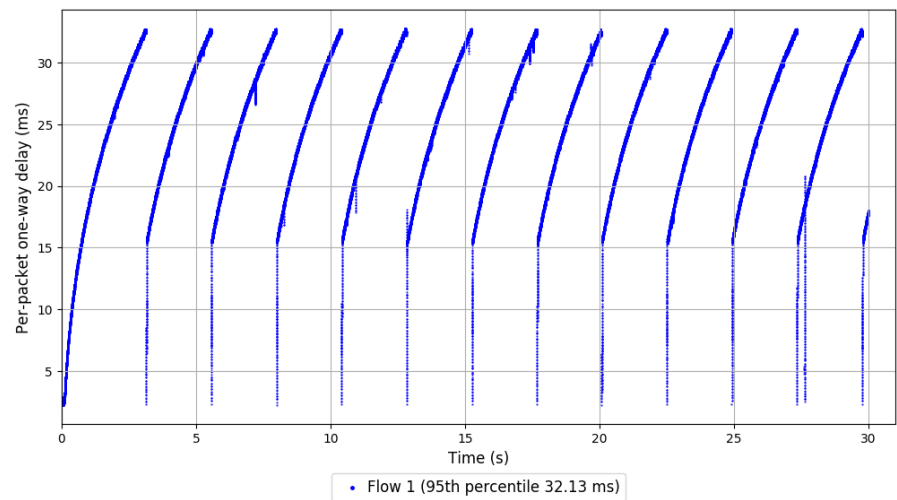
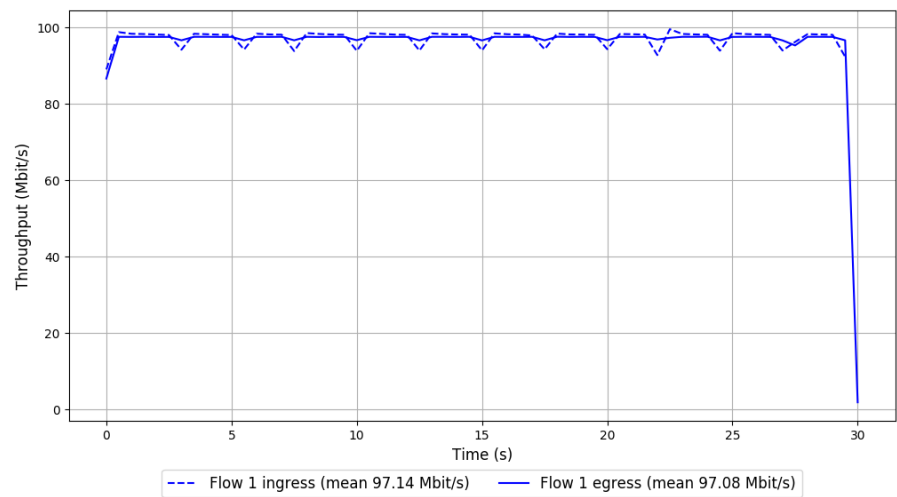


Run 10: Statistics of LEDBAT

Start at: 2018-01-26 02:15:07  
End at: 2018-01-26 02:15:37  
Local clock offset: 0.507 ms  
Remote clock offset: -0.448 ms

# Below is generated by plot.py at 2018-01-26 10:12:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.08 Mbit/s  
95th percentile per-packet one-way delay: 32.126 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 97.08 Mbit/s  
95th percentile per-packet one-way delay: 32.126 ms  
Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

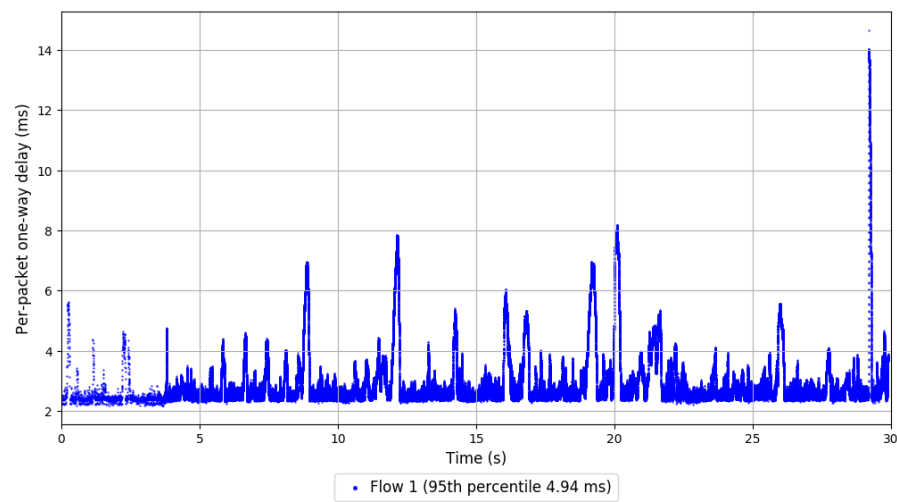
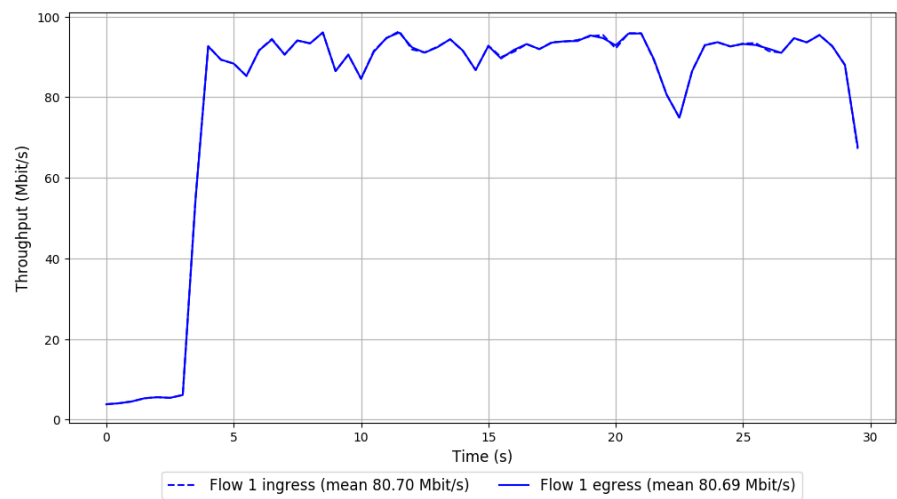


```
Run 1: Statistics of PCC

Start at: 2018-01-25 23:44:15
End at: 2018-01-25 23:44:46
Local clock offset: -0.0 ms
Remote clock offset: -0.307 ms

# Below is generated by plot.py at 2018-01-26 10:12:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.69 Mbit/s
95th percentile per-packet one-way delay: 4.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.69 Mbit/s
95th percentile per-packet one-way delay: 4.937 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

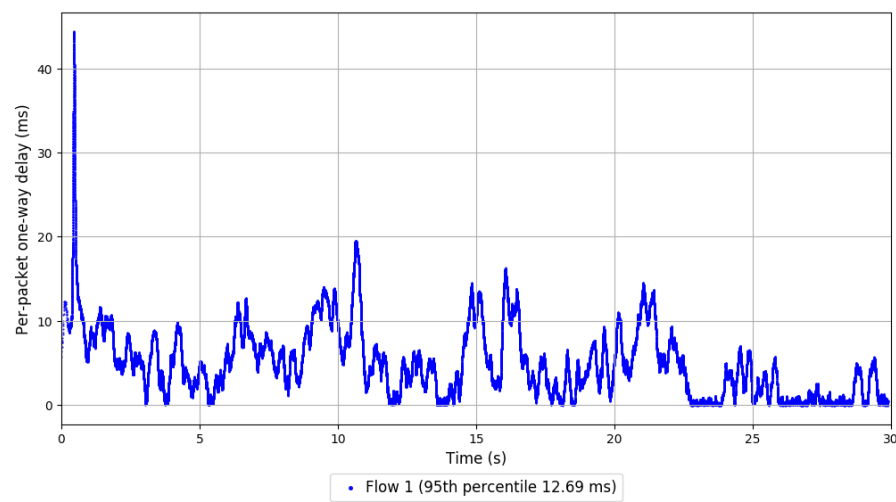
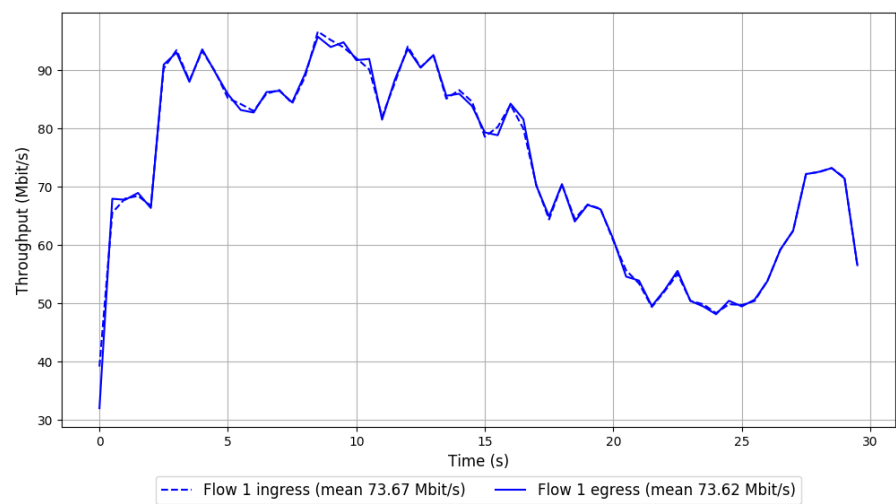


Run 2: Statistics of PCC

Start at: 2018-01-26 00:02:13  
End at: 2018-01-26 00:02:43  
Local clock offset: -0.015 ms  
Remote clock offset: -2.733 ms

# Below is generated by plot.py at 2018-01-26 10:13:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.62 Mbit/s  
95th percentile per-packet one-way delay: 12.691 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 73.62 Mbit/s  
95th percentile per-packet one-way delay: 12.691 ms  
Loss rate: 0.09%

Run 2: Report of PCC — Data Link



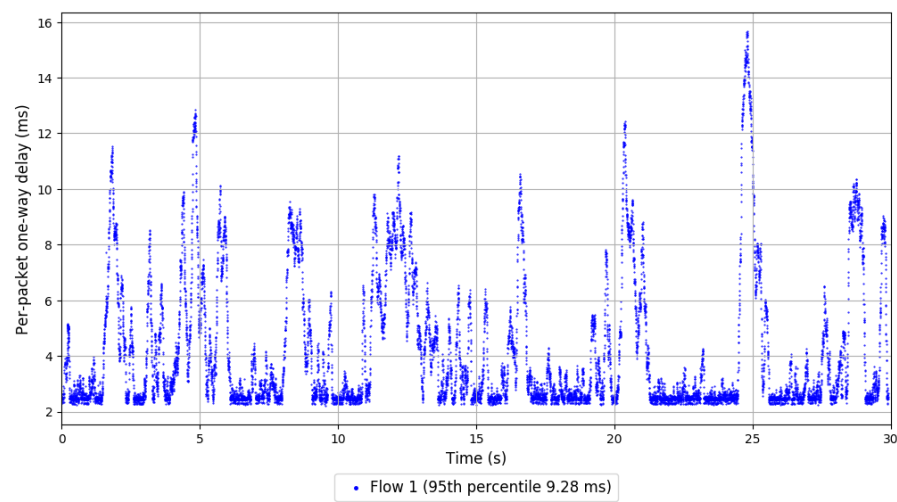
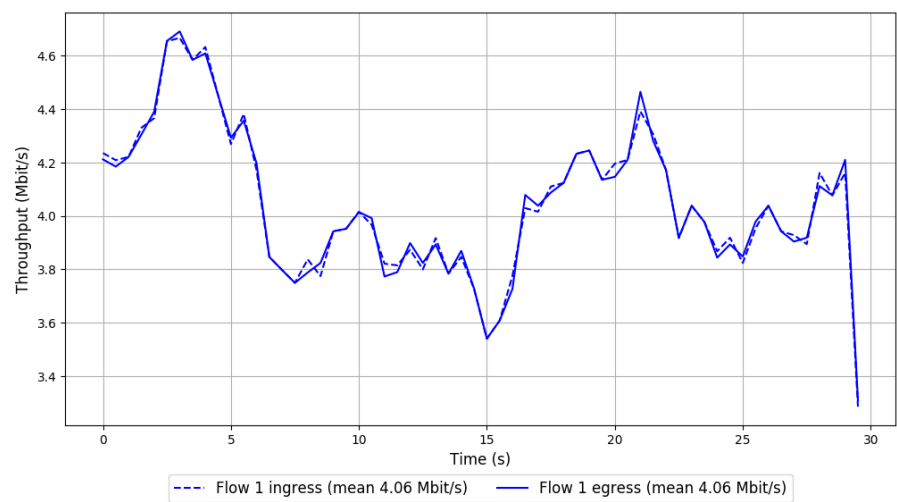
Run 3: Statistics of PCC

Start at: 2018-01-26 00:20:37  
End at: 2018-01-26 00:21:07  
Local clock offset: -0.097 ms  
Remote clock offset: -0.547 ms

# Below is generated by plot.py at 2018-01-26 10:13:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 4.06 Mbit/s  
95th percentile per-packet one-way delay: 9.276 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 4.06 Mbit/s  
95th percentile per-packet one-way delay: 9.276 ms  
Loss rate: 0.00%



Run 3: Report of PCC — Data Link

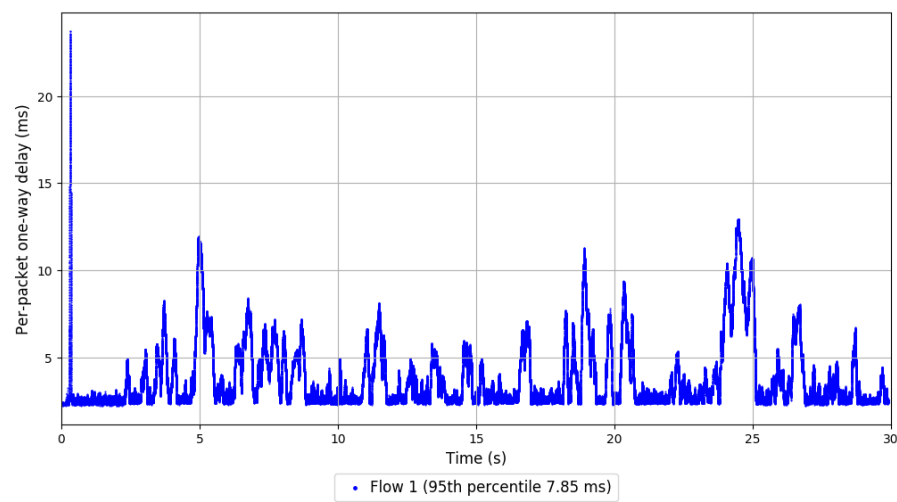
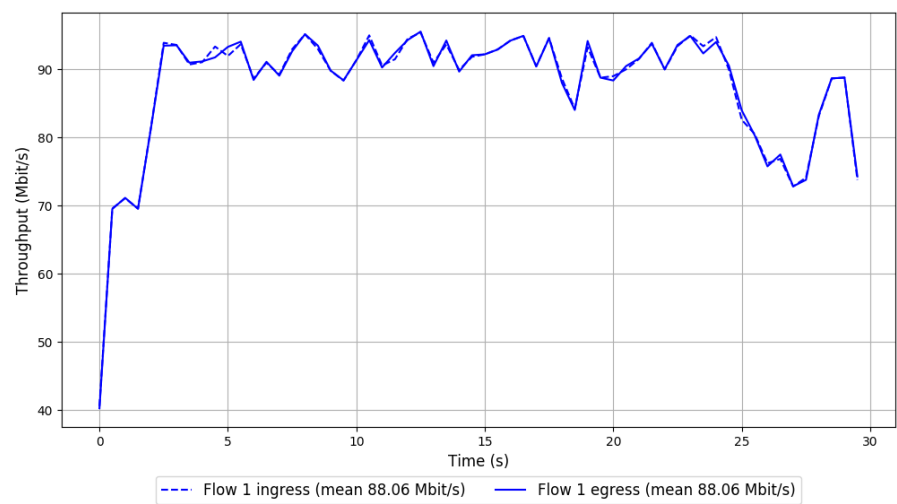


Run 4: Statistics of PCC

Start at: 2018-01-26 00:38:25  
End at: 2018-01-26 00:38:55  
Local clock offset: -0.031 ms  
Remote clock offset: -0.524 ms

# Below is generated by plot.py at 2018-01-26 10:14:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.06 Mbit/s  
95th percentile per-packet one-way delay: 7.847 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 88.06 Mbit/s  
95th percentile per-packet one-way delay: 7.847 ms  
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

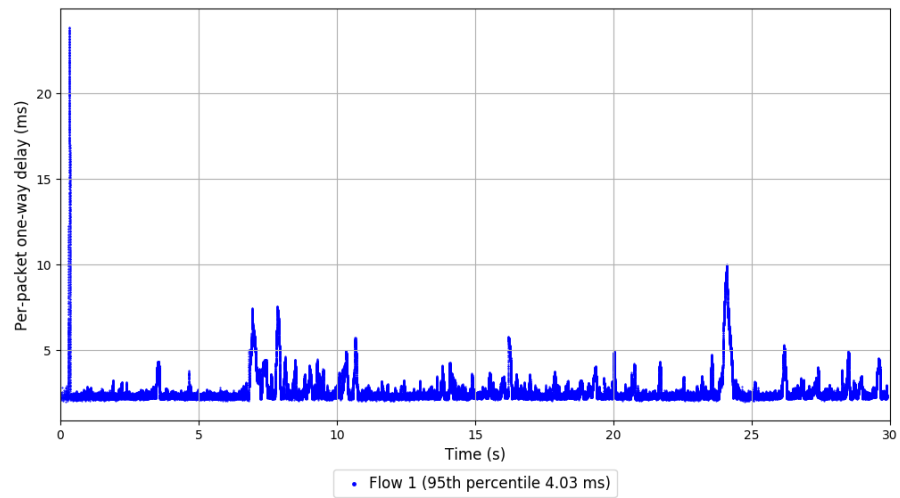
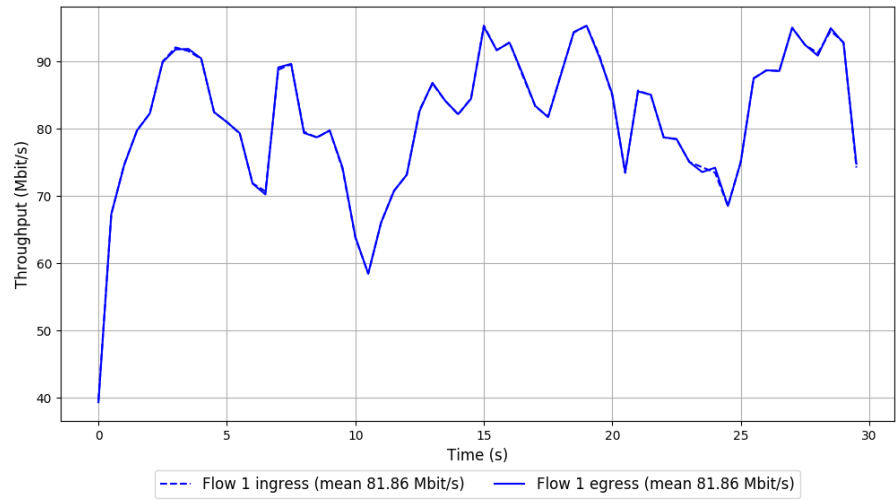


Run 5: Statistics of PCC

Start at: 2018-01-26 00:56:21  
End at: 2018-01-26 00:56:51  
Local clock offset: -0.061 ms  
Remote clock offset: -0.633 ms

# Below is generated by plot.py at 2018-01-26 10:14:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.86 Mbit/s  
95th percentile per-packet one-way delay: 4.026 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 81.86 Mbit/s  
95th percentile per-packet one-way delay: 4.026 ms  
Loss rate: 0.00%

### Run 5: Report of PCC — Data Link

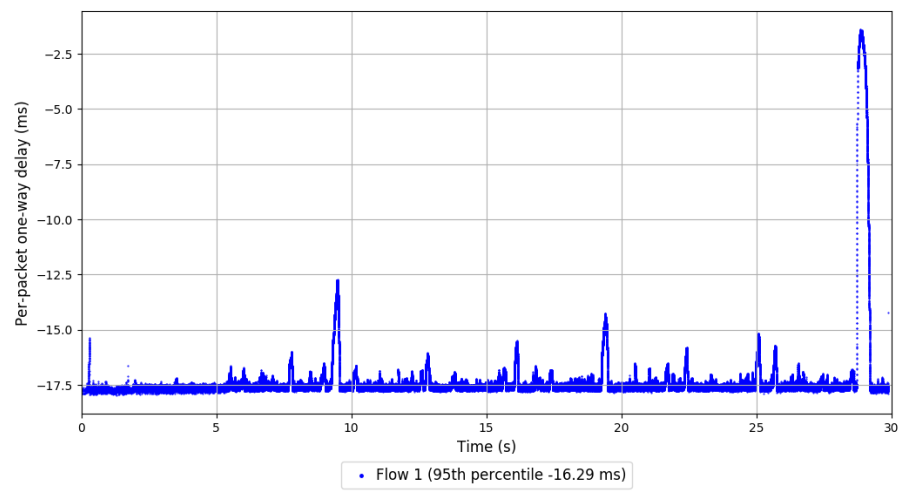
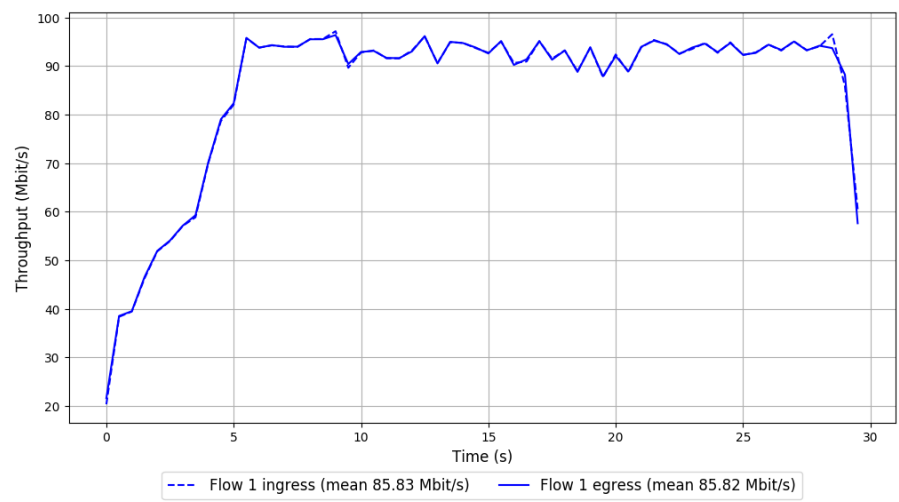


Run 6: Statistics of PCC

Start at: 2018-01-26 01:14:19  
End at: 2018-01-26 01:14:49  
Local clock offset: 0.09 ms  
Remote clock offset: -20.445 ms

# Below is generated by plot.py at 2018-01-26 10:14:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.82 Mbit/s  
95th percentile per-packet one-way delay: -16.290 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 85.82 Mbit/s  
95th percentile per-packet one-way delay: -16.290 ms  
Loss rate: 0.00%

Run 6: Report of PCC — Data Link



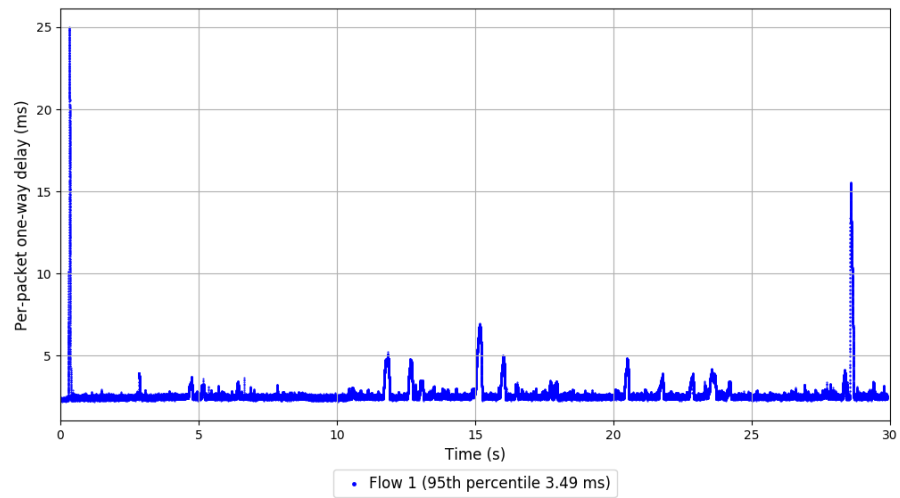
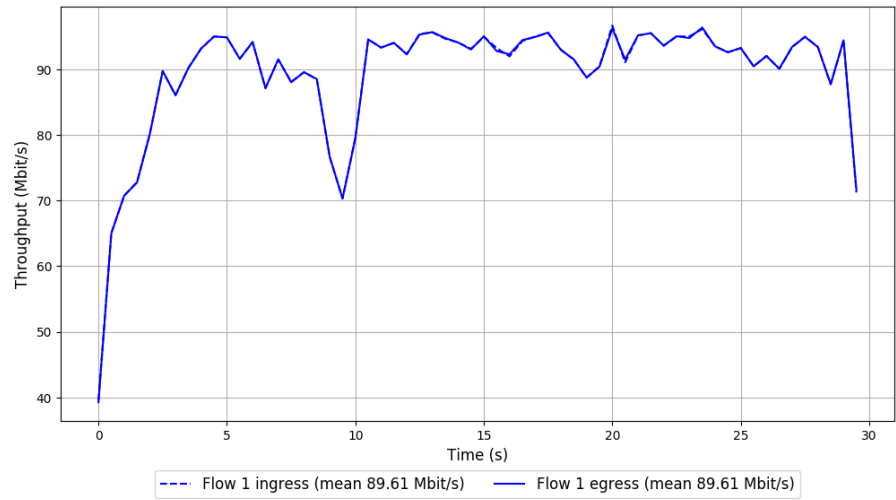
Run 7: Statistics of PCC

Start at: 2018-01-26 01:32:15  
End at: 2018-01-26 01:32:45  
Local clock offset: 0.233 ms  
Remote clock offset: -0.252 ms

# Below is generated by plot.py at 2018-01-26 10:14:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.61 Mbit/s  
95th percentile per-packet one-way delay: 3.490 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.61 Mbit/s  
95th percentile per-packet one-way delay: 3.490 ms  
Loss rate: 0.00%



## Run 7: Report of PCC — Data Link

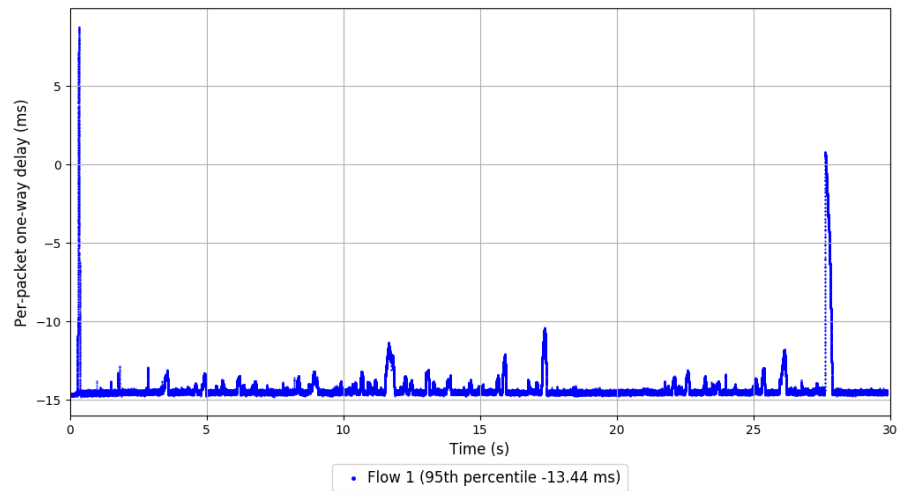
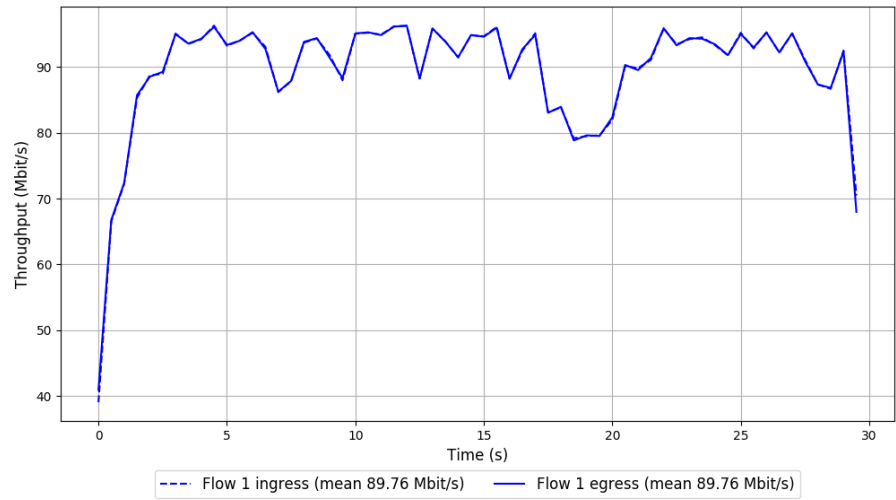


Run 8: Statistics of PCC

Start at: 2018-01-26 01:50:21  
End at: 2018-01-26 01:50:51  
Local clock offset: 0.341 ms  
Remote clock offset: -17.424 ms

# Below is generated by plot.py at 2018-01-26 10:14:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.76 Mbit/s  
95th percentile per-packet one-way delay: -13.438 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.76 Mbit/s  
95th percentile per-packet one-way delay: -13.438 ms  
Loss rate: 0.00%

## Run 8: Report of PCC — Data Link

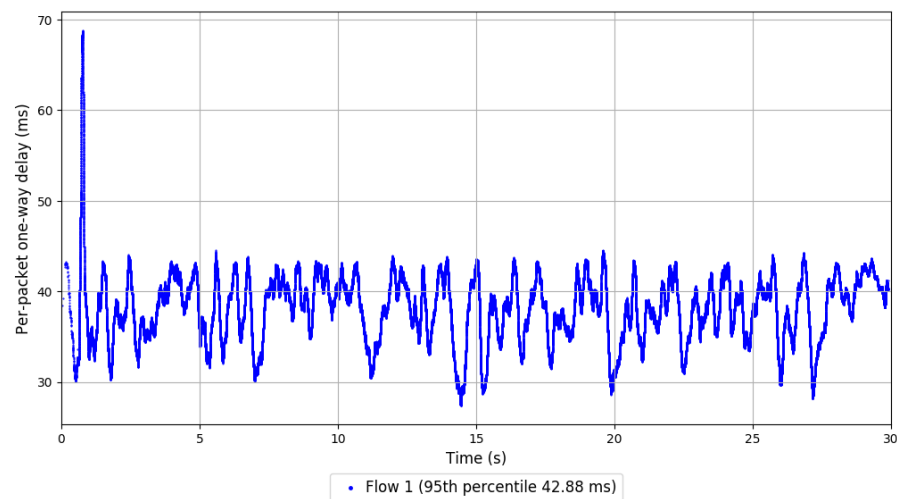
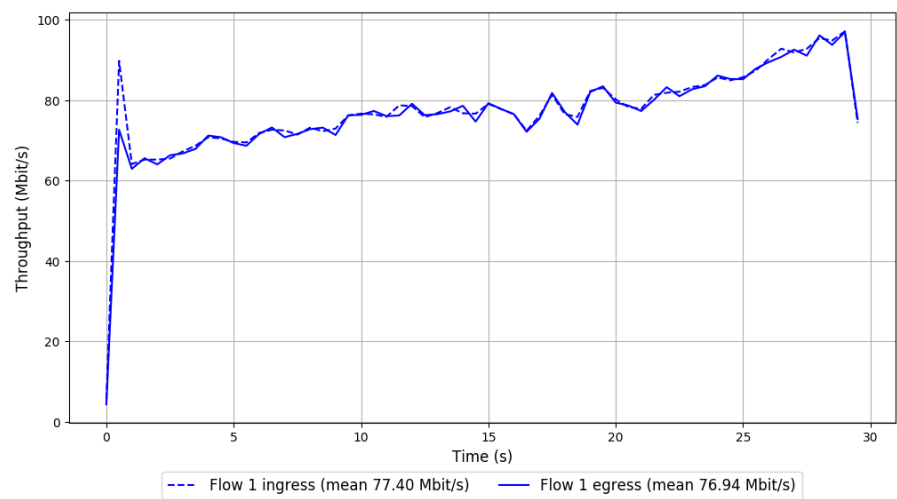


Run 9: Statistics of PCC

Start at: 2018-01-26 02:08:24  
End at: 2018-01-26 02:08:54  
Local clock offset: 0.473 ms  
Remote clock offset: -0.419 ms

# Below is generated by plot.py at 2018-01-26 10:14:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 76.94 Mbit/s  
95th percentile per-packet one-way delay: 42.885 ms  
Loss rate: 0.71%  
-- Flow 1:  
Average throughput: 76.94 Mbit/s  
95th percentile per-packet one-way delay: 42.885 ms  
Loss rate: 0.71%

Run 9: Report of PCC — Data Link

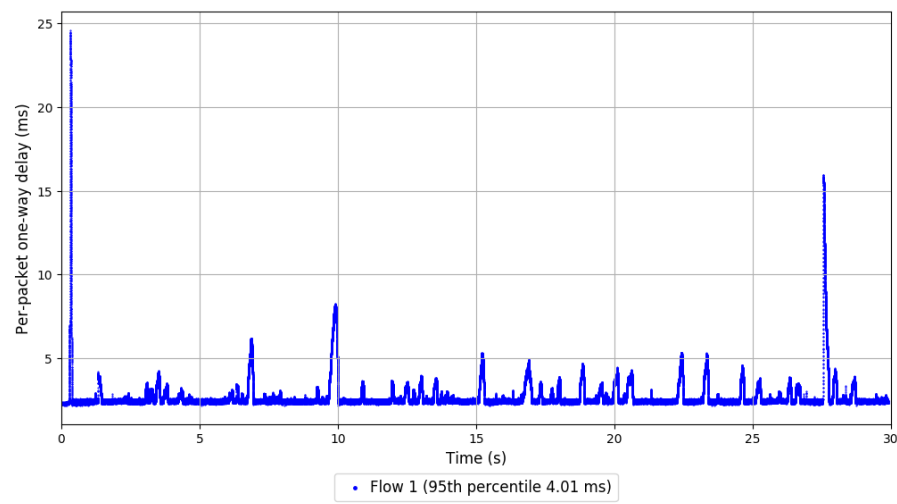
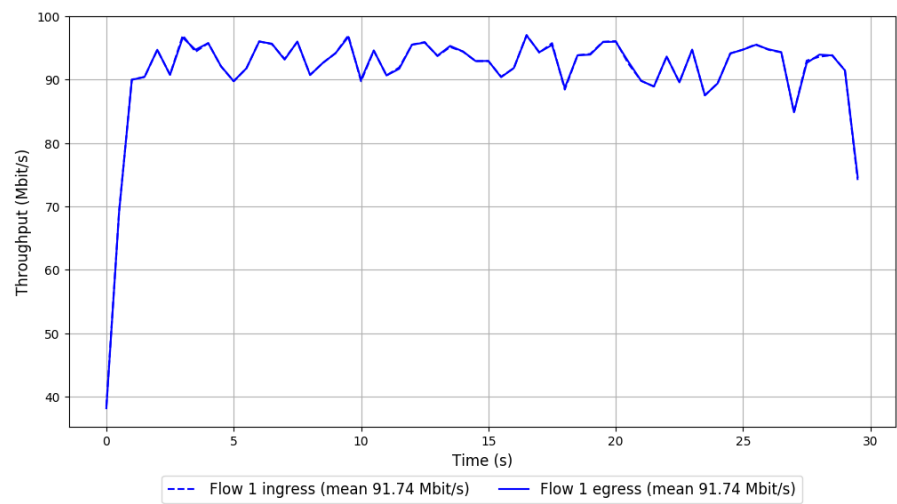


Run 10: Statistics of PCC

Start at: 2018-01-26 02:26:24  
End at: 2018-01-26 02:26:54  
Local clock offset: 0.491 ms  
Remote clock offset: -0.465 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 4.010 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 4.010 ms  
Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-25 23:41:01

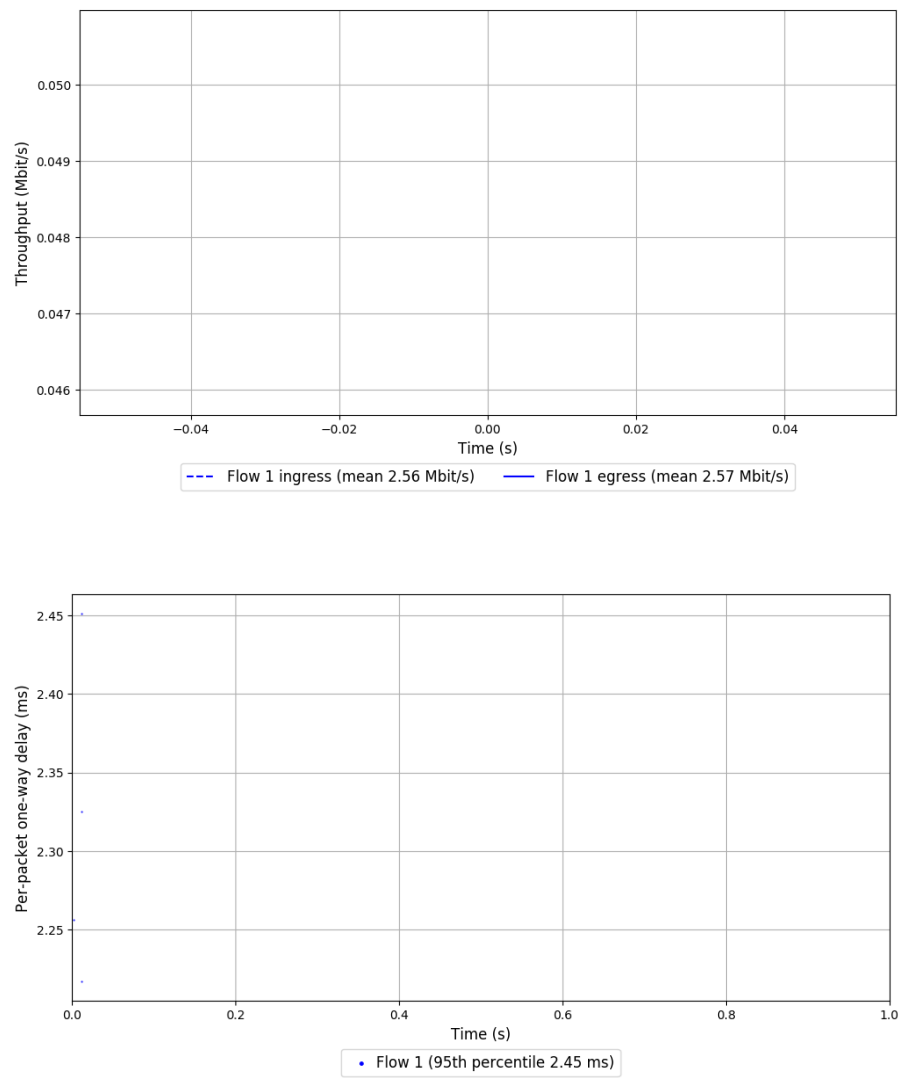
End at: 2018-01-25 23:41:31

Local clock offset: -0.001 ms

Remote clock offset: -0.288 ms



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

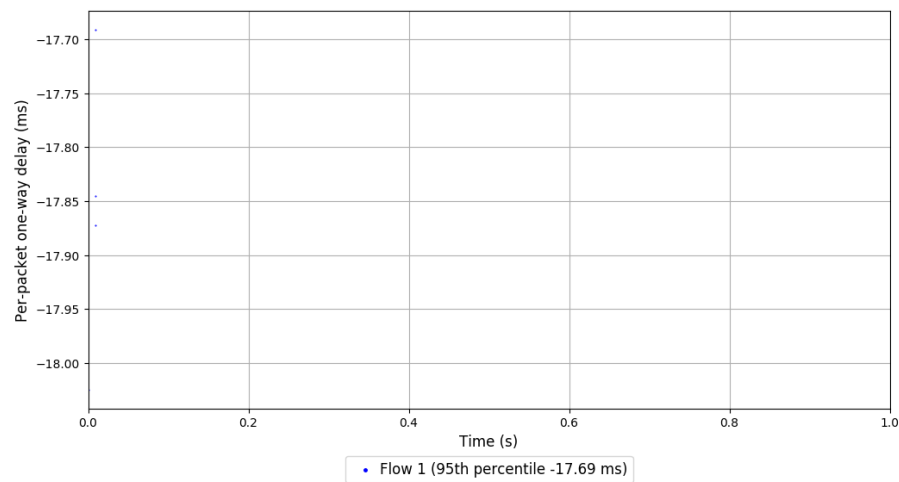
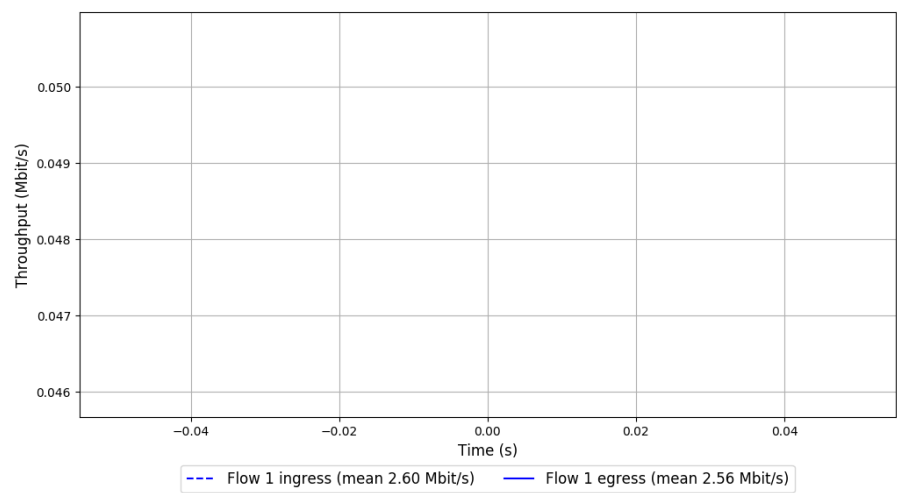
Start at: 2018-01-25 23:58:56

End at: 2018-01-25 23:59:26

Local clock offset: -0.017 ms

Remote clock offset: -20.637 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

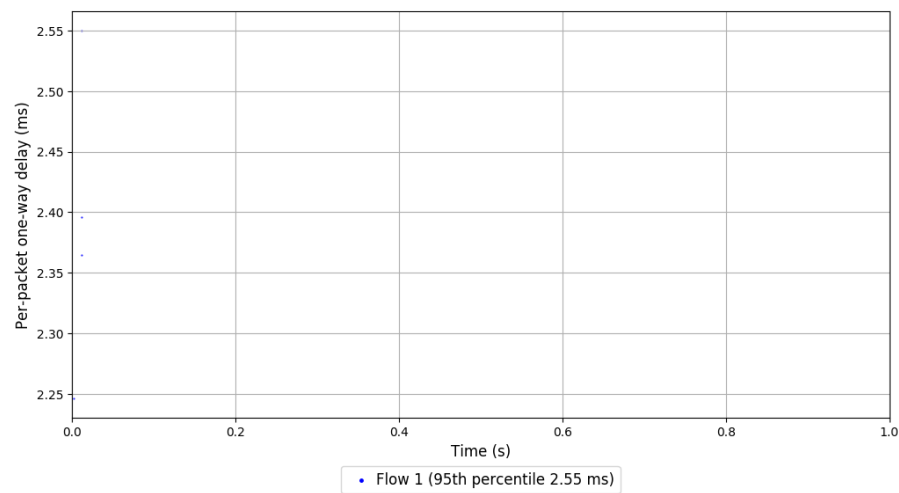
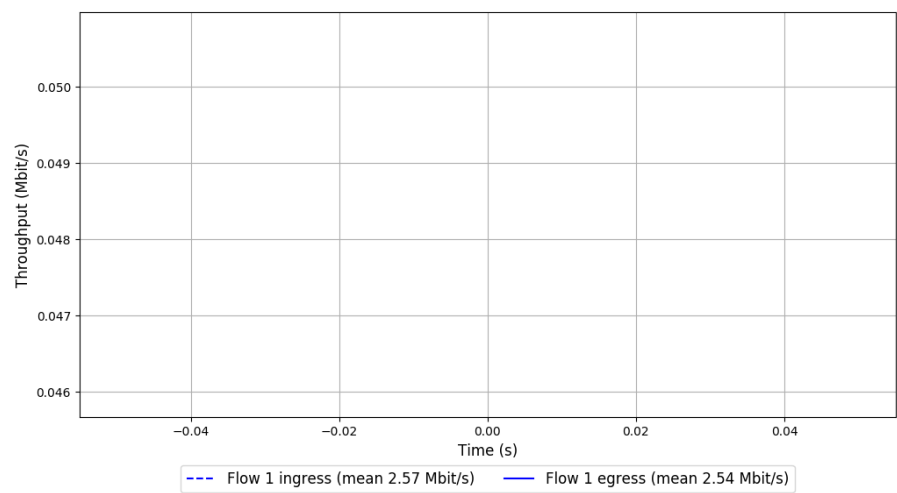
Start at: 2018-01-26 00:17:20

End at: 2018-01-26 00:17:50

Local clock offset: -0.039 ms

Remote clock offset: -0.505 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

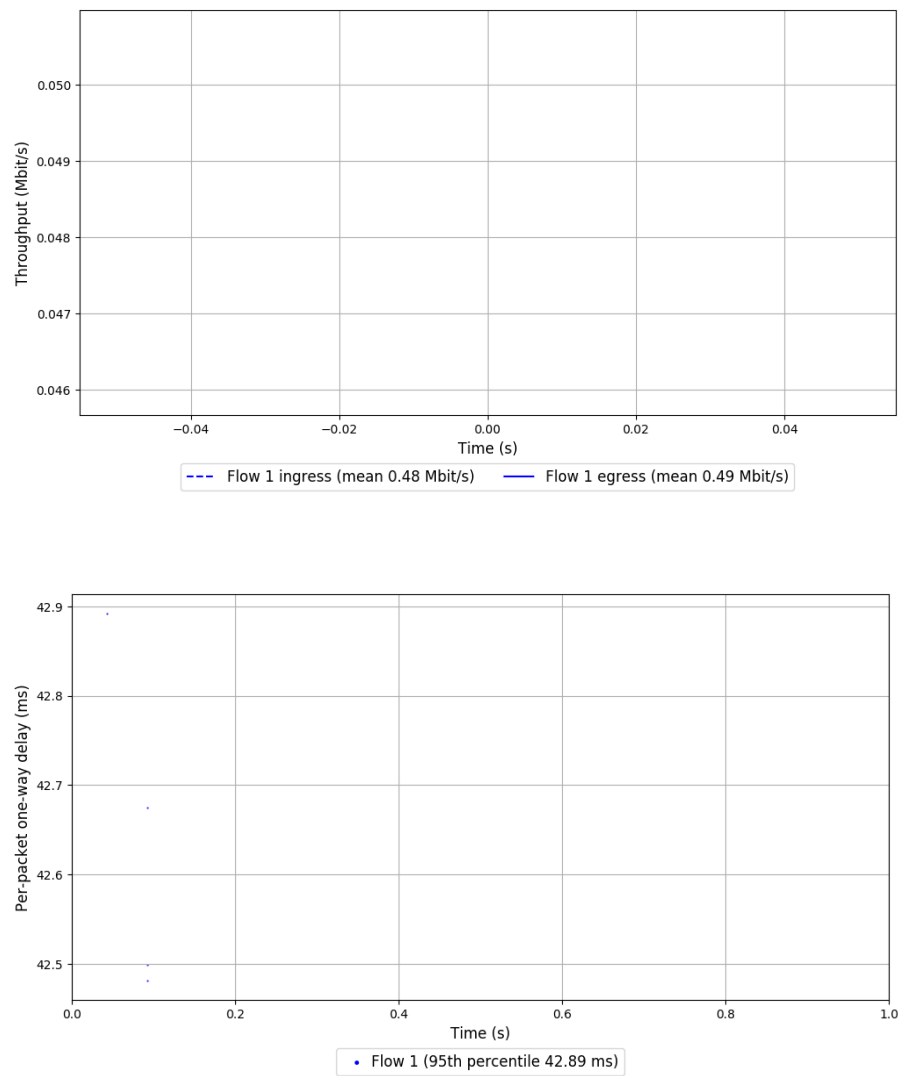
Start at: 2018-01-26 00:35:07

End at: 2018-01-26 00:35:37

Local clock offset: -0.033 ms

Remote clock offset: -0.522 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-26 00:53:04

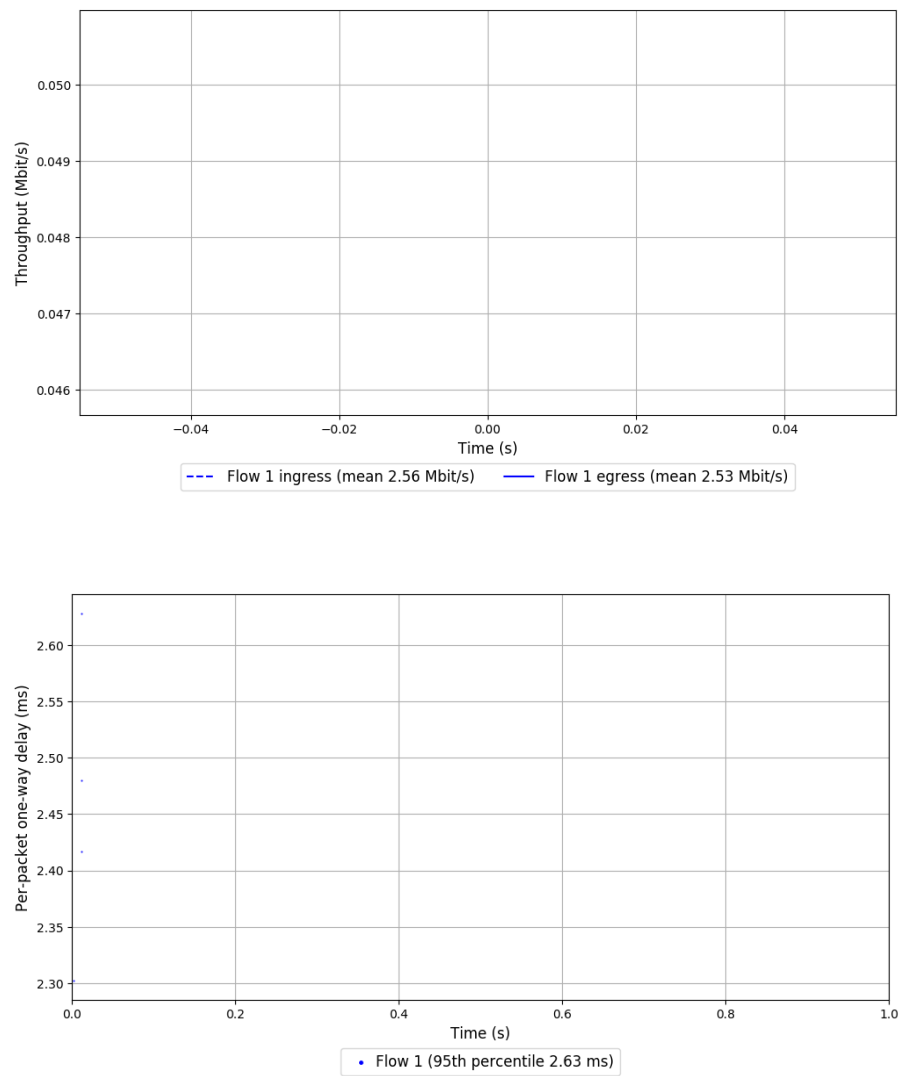
End at: 2018-01-26 00:53:34

Local clock offset: -0.121 ms

Remote clock offset: -0.45 ms



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

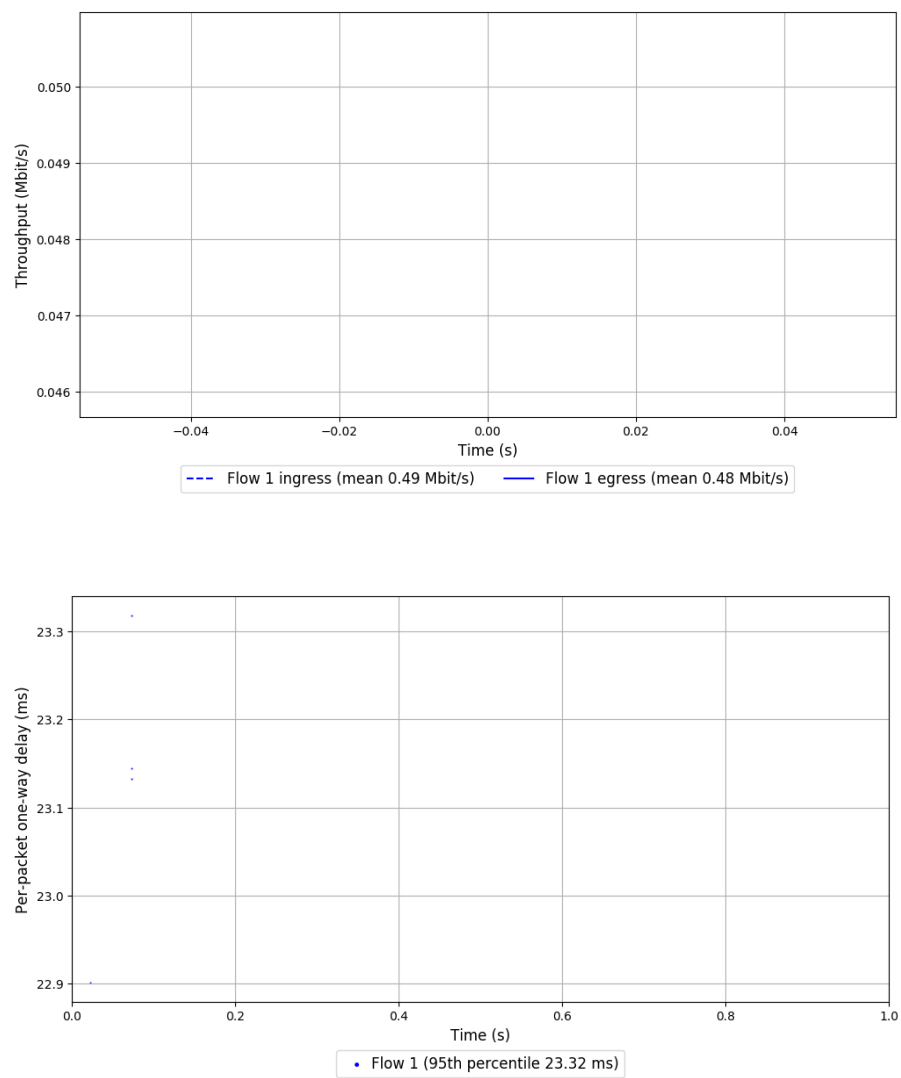
Start at: 2018-01-26 01:11:01

End at: 2018-01-26 01:11:31

Local clock offset: 0.062 ms

Remote clock offset: -20.005 ms

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

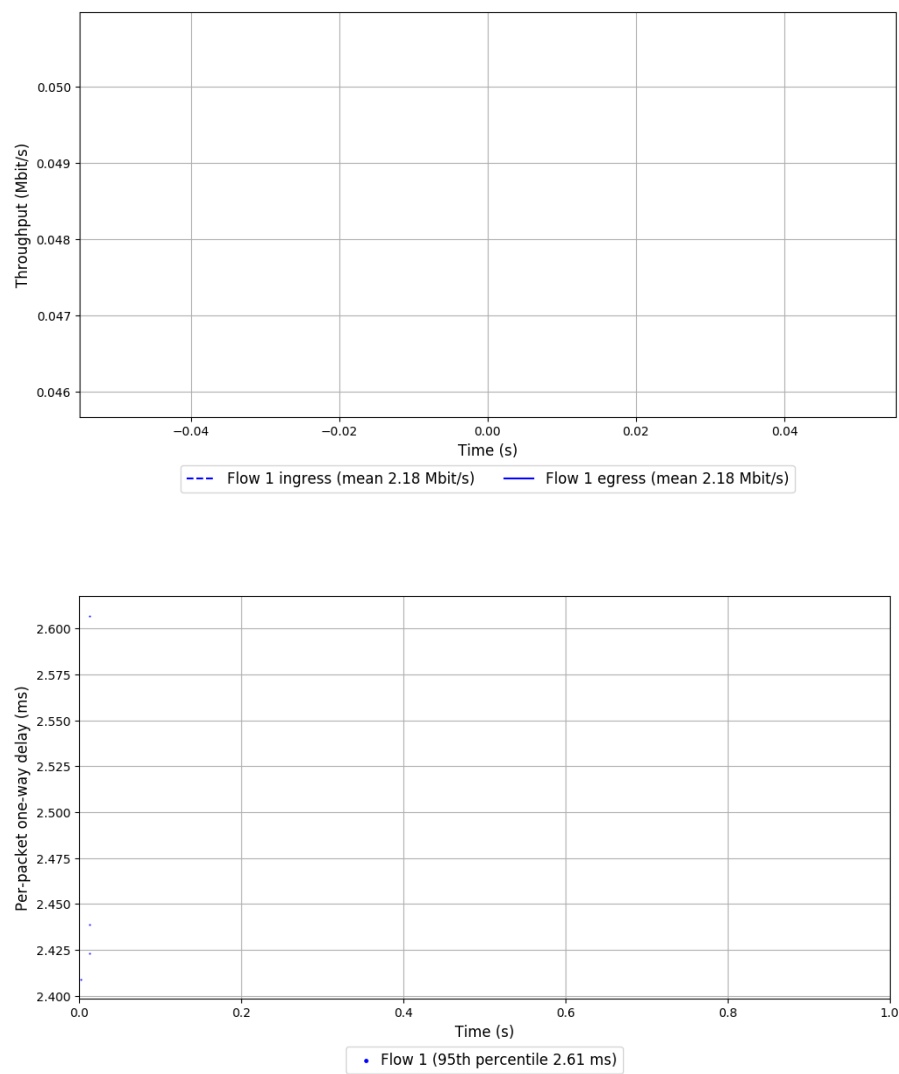
Start at: 2018-01-26 01:28:57

End at: 2018-01-26 01:29:28

Local clock offset: 0.148 ms

Remote clock offset: -0.238 ms

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

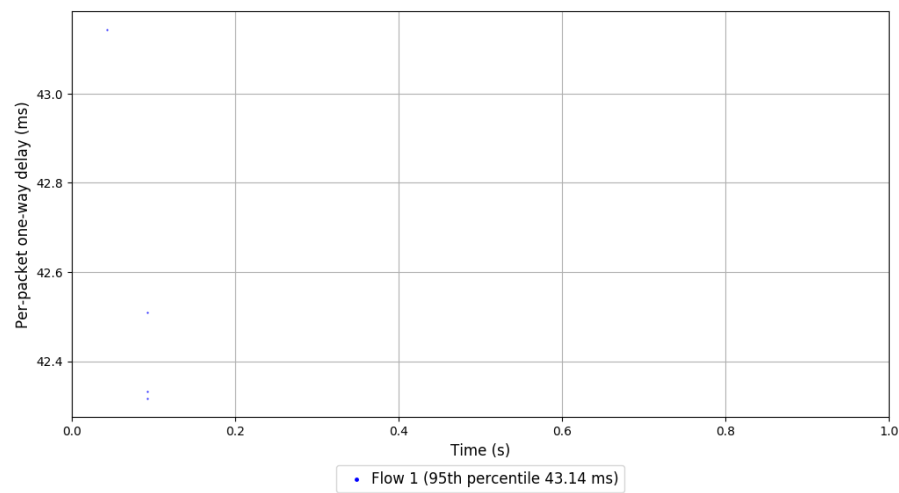
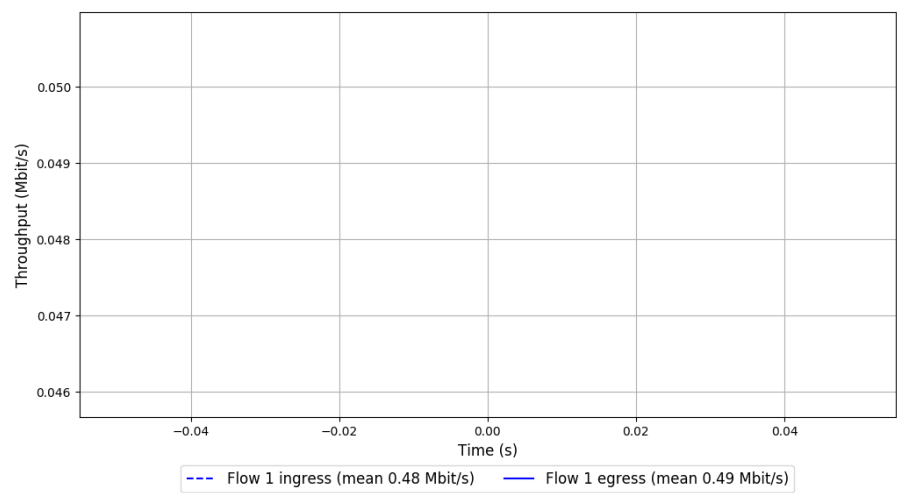
Start at: 2018-01-26 01:47:04

End at: 2018-01-26 01:47:34

Local clock offset: 0.381 ms

Remote clock offset: -0.322 ms

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-26 02:05:06

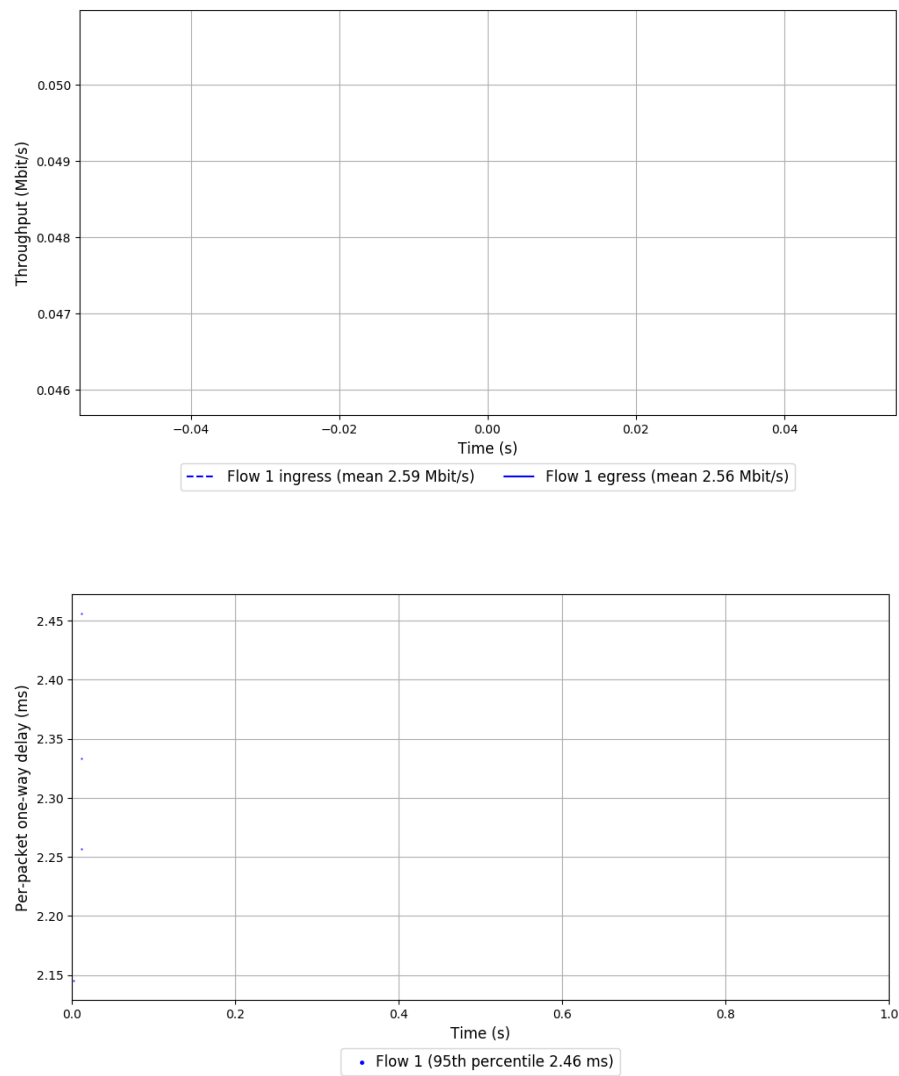
End at: 2018-01-26 02:05:36

Local clock offset: 0.471 ms

Remote clock offset: -0.467 ms



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

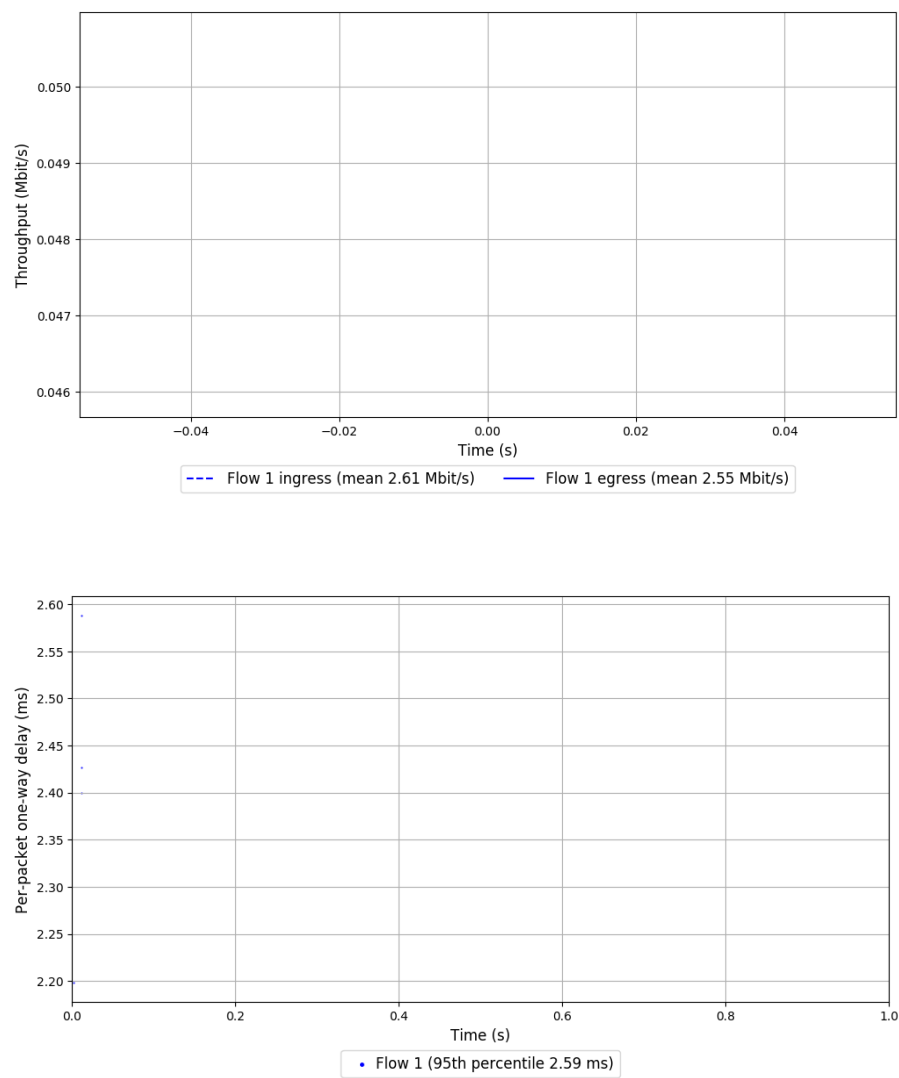
Start at: 2018-01-26 02:23:06

End at: 2018-01-26 02:23:36

Local clock offset: 0.488 ms

Remote clock offset: -0.424 ms

Run 10: Report of QUIC Cubic — Data Link

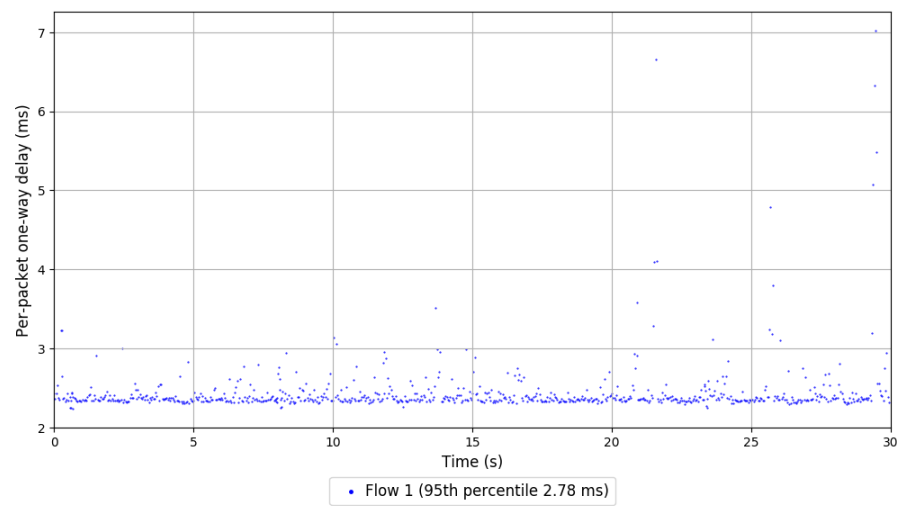
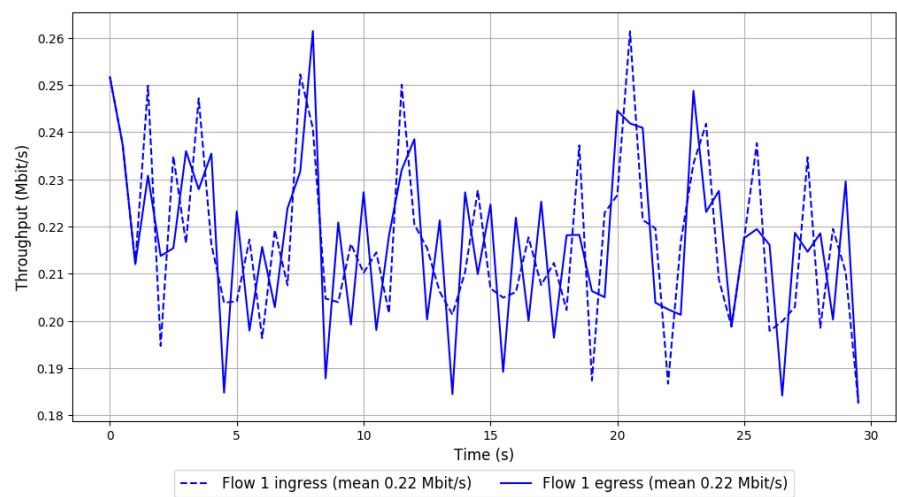


Run 1: Statistics of SCReAM

Start at: 2018-01-25 23:42:05  
End at: 2018-01-25 23:42:35  
Local clock offset: -0.007 ms  
Remote clock offset: -0.311 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.777 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.777 ms  
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-01-25 23:59:59

End at: 2018-01-26 00:00:29

Local clock offset: -0.013 ms

Remote clock offset: -0.39 ms

# Below is generated by plot.py at 2018-01-26 10:14:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 30.717 ms

Loss rate: 0.20%

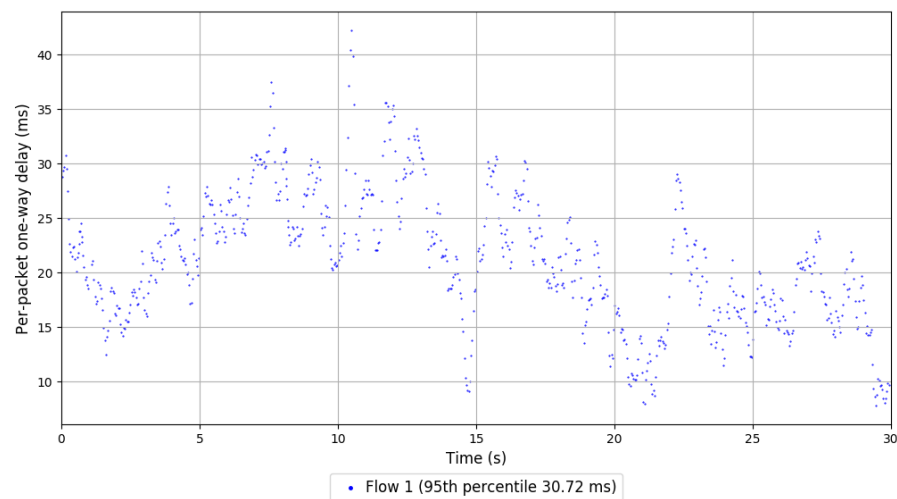
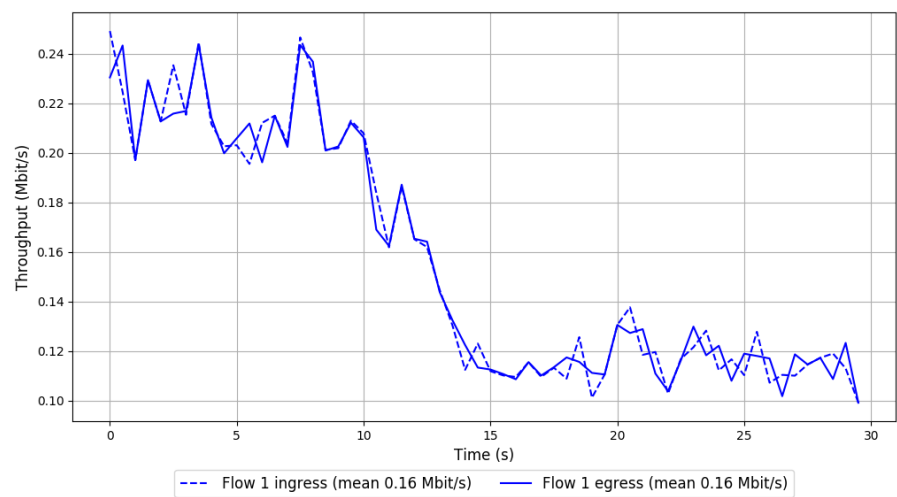
-- Flow 1:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 30.717 ms

Loss rate: 0.20%

Run 2: Report of SReAM — Data Link



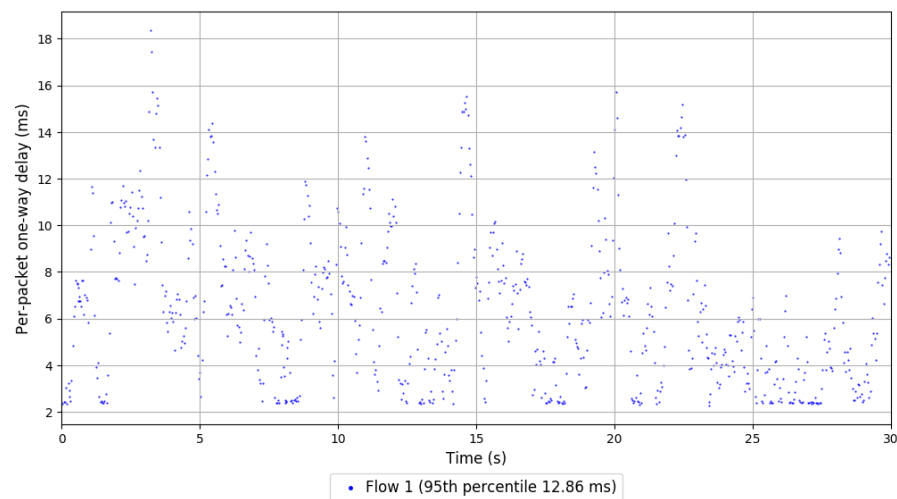
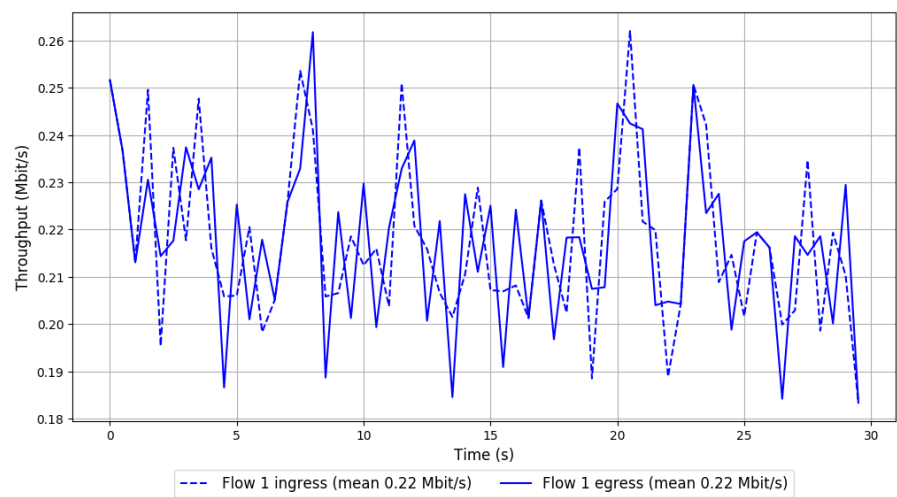
Run 3: Statistics of SCReAM

Start at: 2018-01-26 00:18:23  
End at: 2018-01-26 00:18:53  
Local clock offset: -0.025 ms  
Remote clock offset: -0.485 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 12.862 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 12.862 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

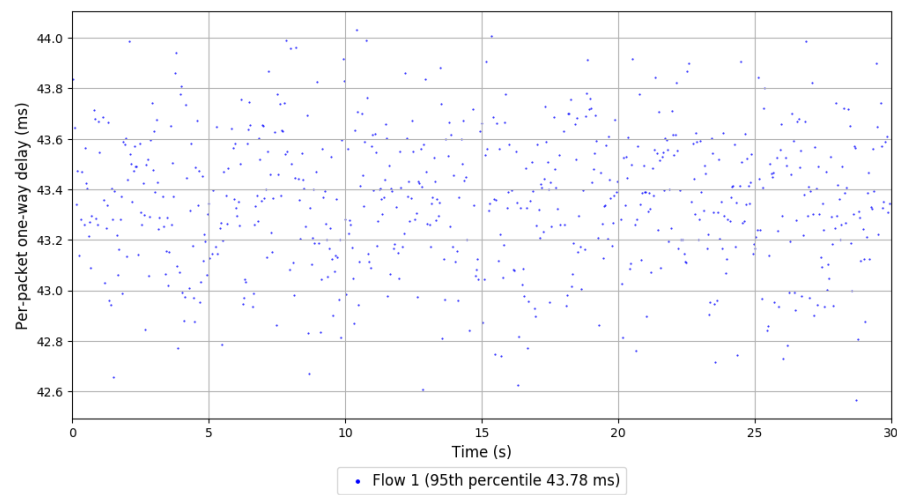
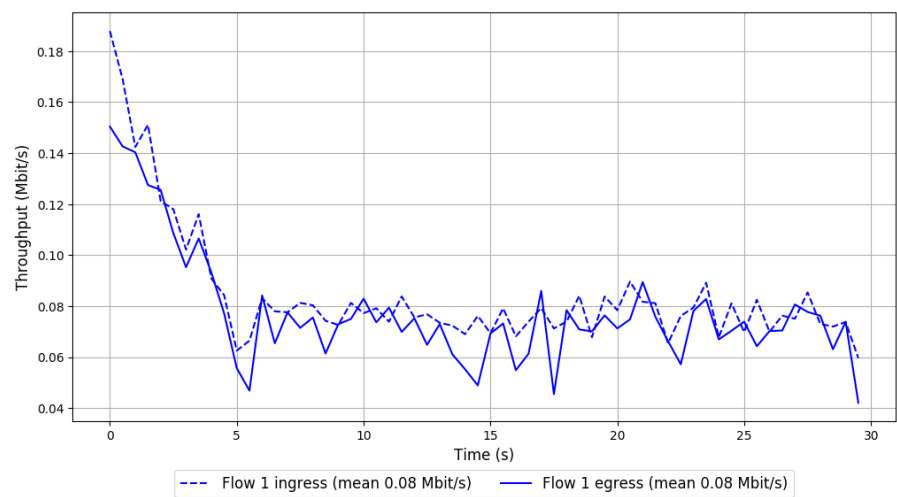


Run 4: Statistics of SCReAM

Start at: 2018-01-26 00:36:11  
End at: 2018-01-26 00:36:41  
Local clock offset: -0.041 ms  
Remote clock offset: -0.609 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 43.776 ms  
Loss rate: 8.42%  
-- Flow 1:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 43.776 ms  
Loss rate: 8.42%

Run 4: Report of SReAM — Data Link

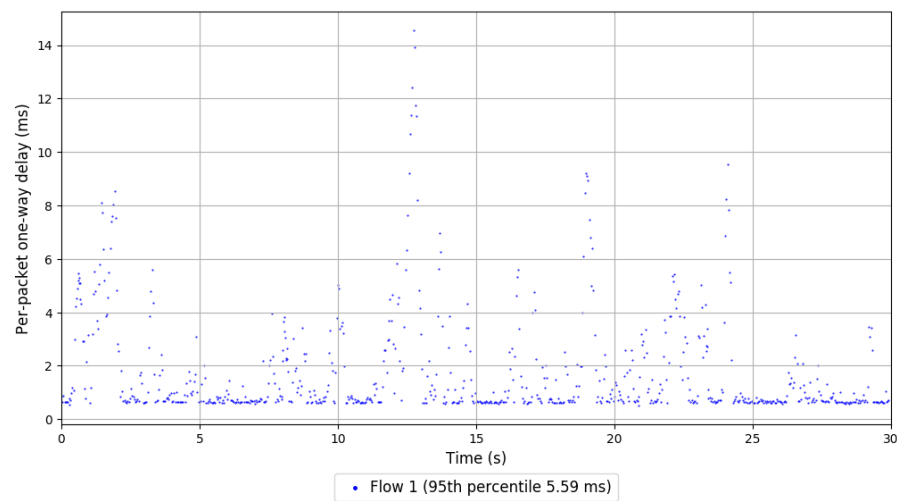
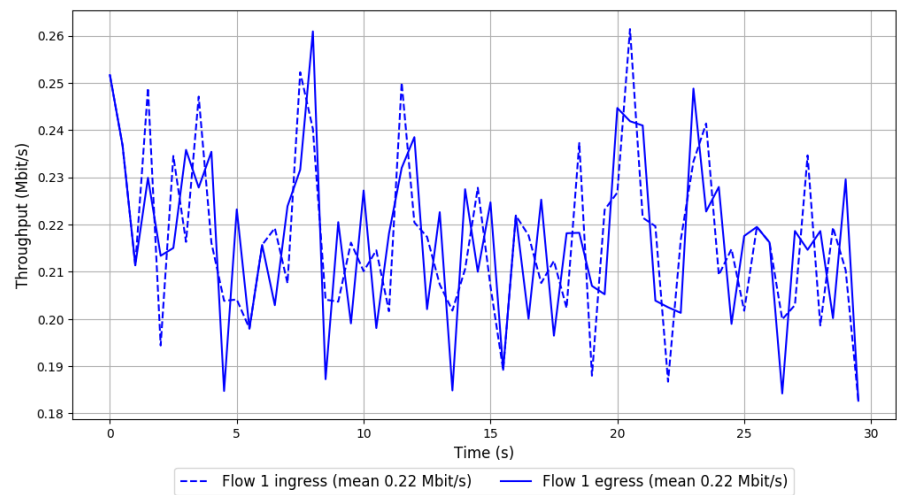


Run 5: Statistics of SCReAM

Start at: 2018-01-26 00:54:08  
End at: 2018-01-26 00:54:38  
Local clock offset: -0.024 ms  
Remote clock offset: -2.133 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 5.587 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 5.587 ms  
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

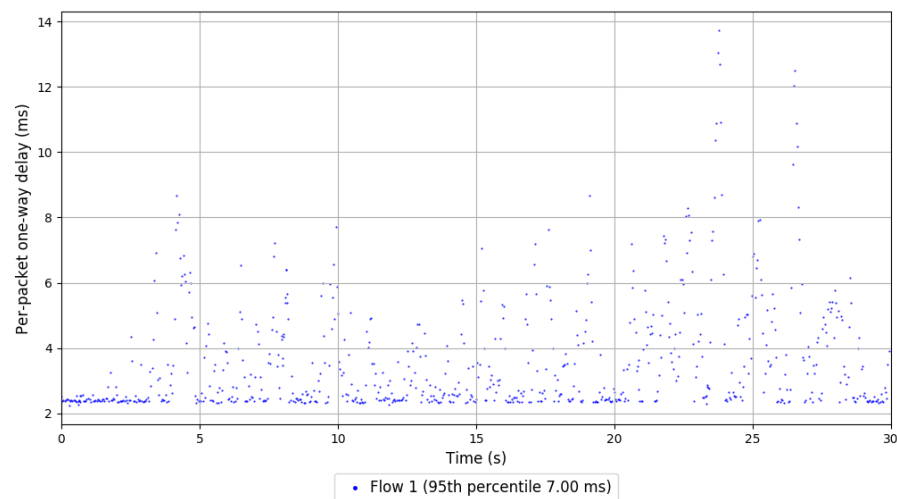
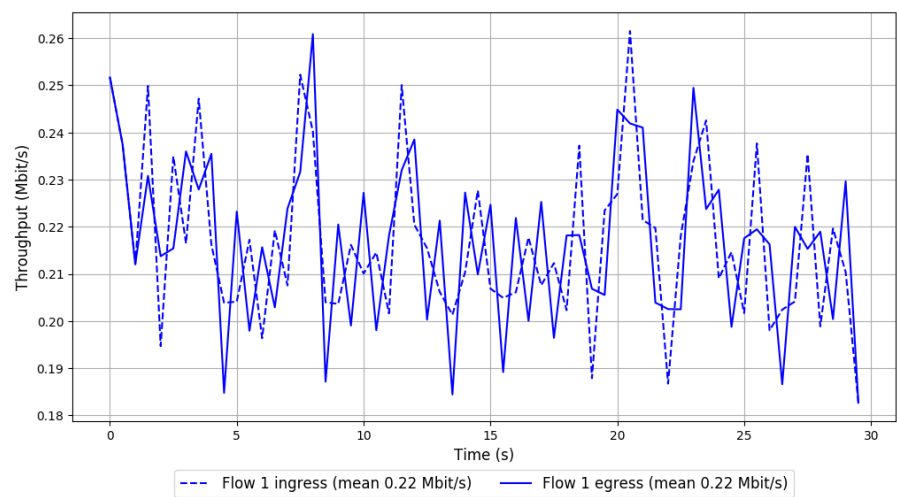


Run 6: Statistics of SCReAM

Start at: 2018-01-26 01:12:05  
End at: 2018-01-26 01:12:35  
Local clock offset: 0.064 ms  
Remote clock offset: -0.324 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 7.005 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 7.005 ms  
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



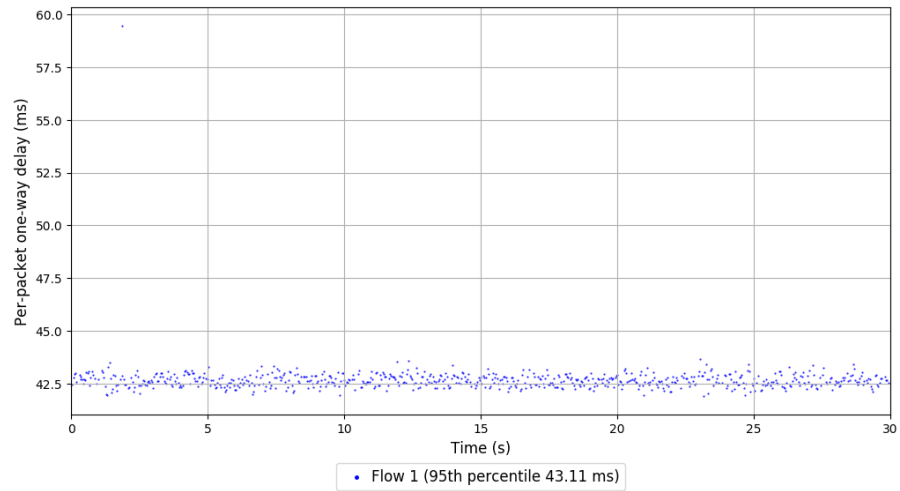
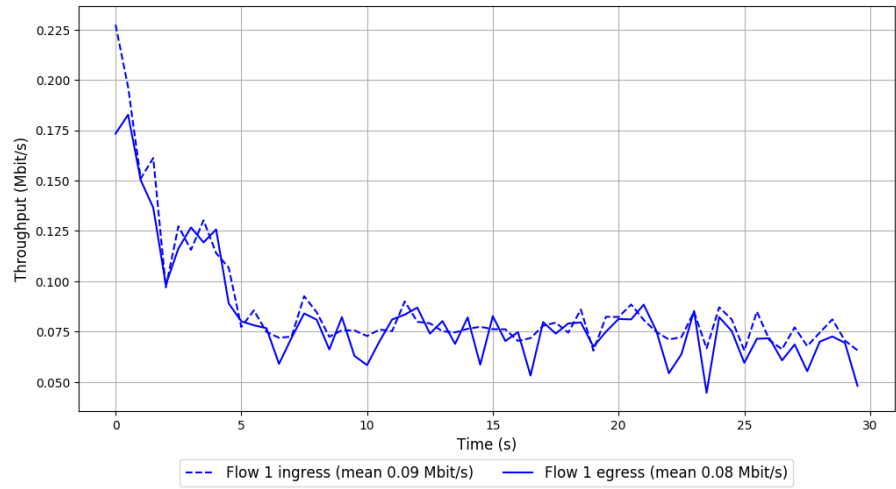
Run 7: Statistics of SCReAM

Start at: 2018-01-26 01:30:01  
End at: 2018-01-26 01:30:31  
Local clock offset: 0.22 ms  
Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 43.109 ms  
Loss rate: 6.50%  
-- Flow 1:  
Average throughput: 0.08 Mbit/s  
95th percentile per-packet one-way delay: 43.109 ms  
Loss rate: 6.50%



## Run 7: Report of SReAM — Data Link

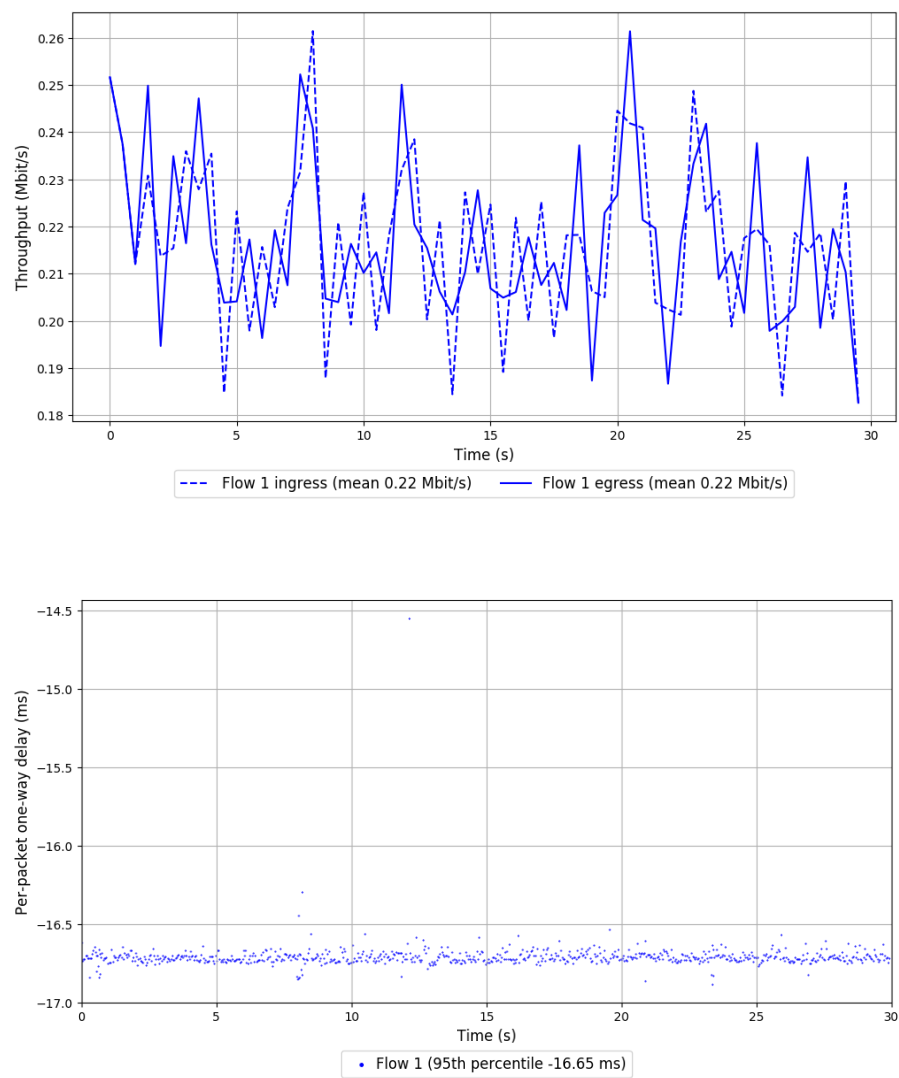


Run 8: Statistics of SCReAM

Start at: 2018-01-26 01:48:08  
End at: 2018-01-26 01:48:38  
Local clock offset: 0.346 ms  
Remote clock offset: -19.441 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -16.648 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -16.648 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

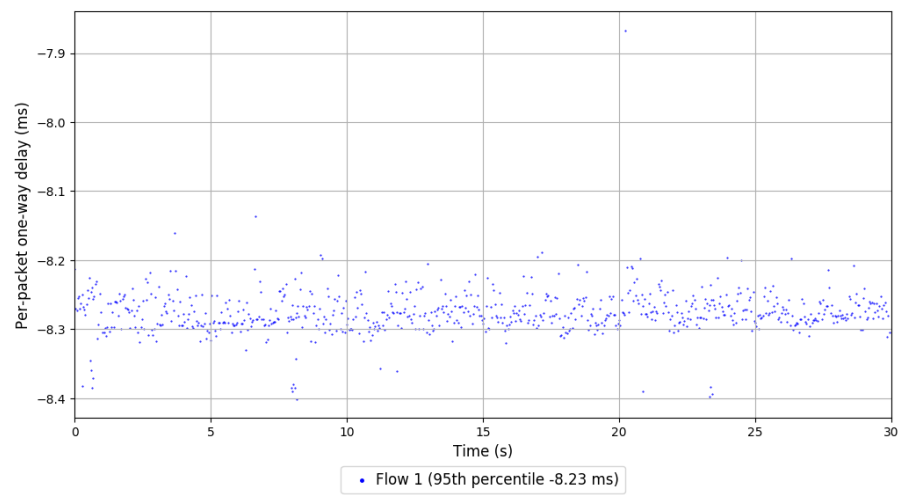
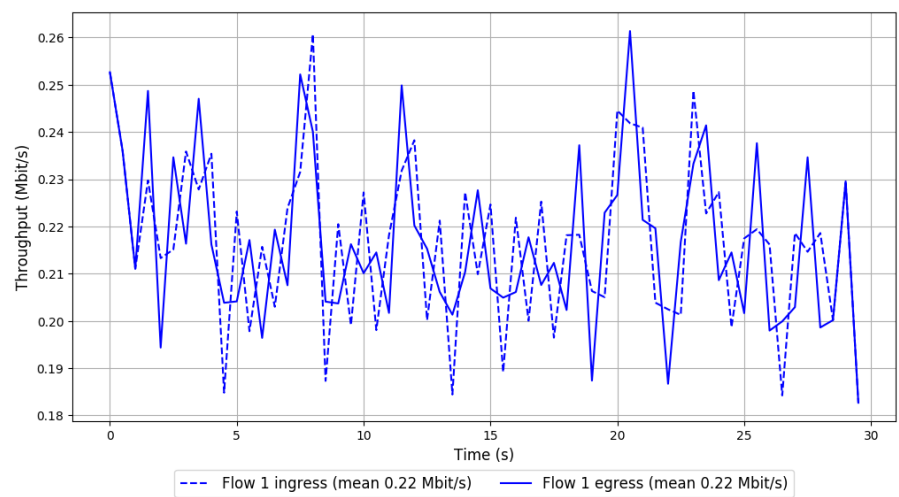


Run 9: Statistics of SCReAM

Start at: 2018-01-26 02:06:10  
End at: 2018-01-26 02:06:40  
Local clock offset: 0.491 ms  
Remote clock offset: -11.017 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -8.228 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: -8.228 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

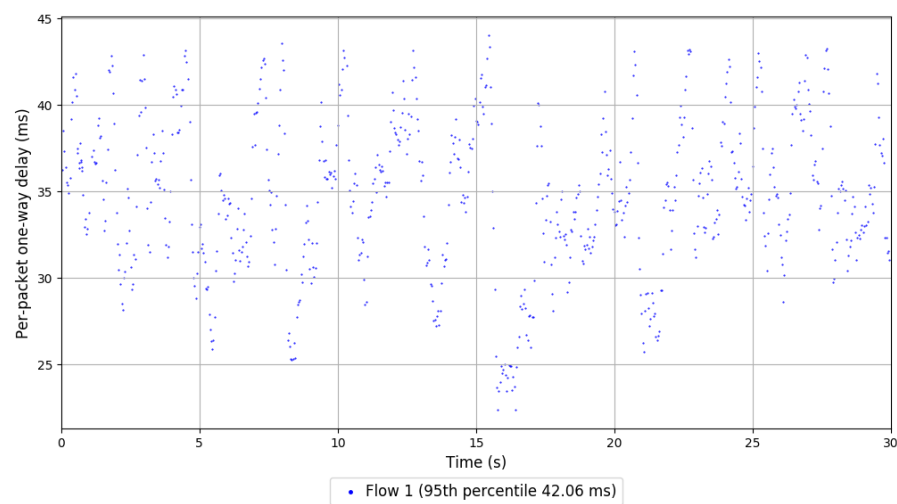
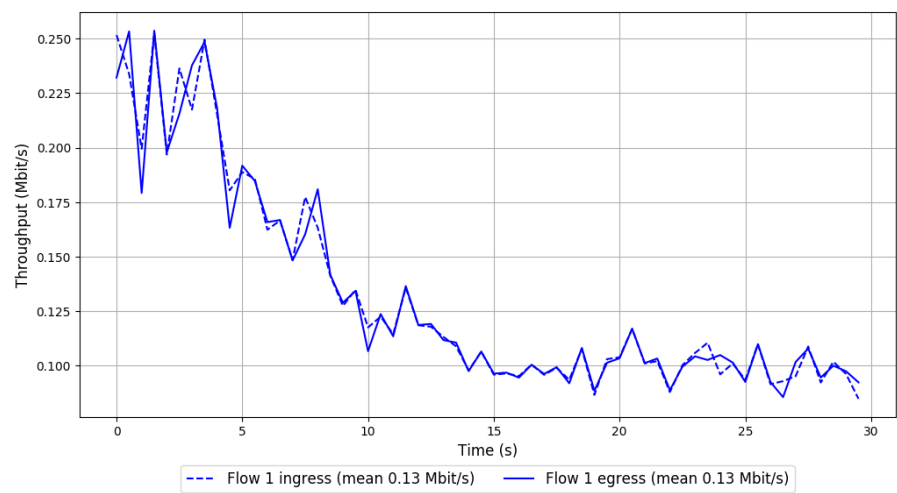


Run 10: Statistics of SReAM

Start at: 2018-01-26 02:24:10  
End at: 2018-01-26 02:24:40  
Local clock offset: 0.441 ms  
Remote clock offset: -0.422 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 42.063 ms  
Loss rate: 0.33%  
-- Flow 1:  
Average throughput: 0.13 Mbit/s  
95th percentile per-packet one-way delay: 42.063 ms  
Loss rate: 0.33%

Run 10: Report of SReAM — Data Link



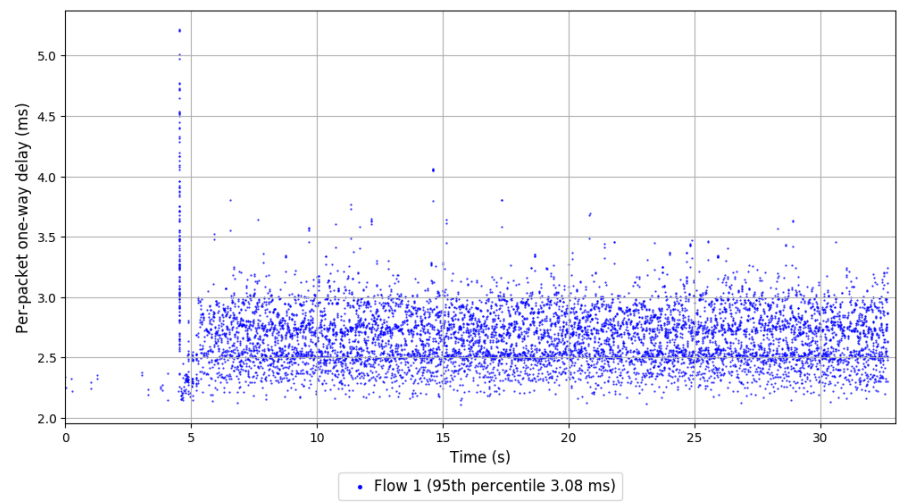
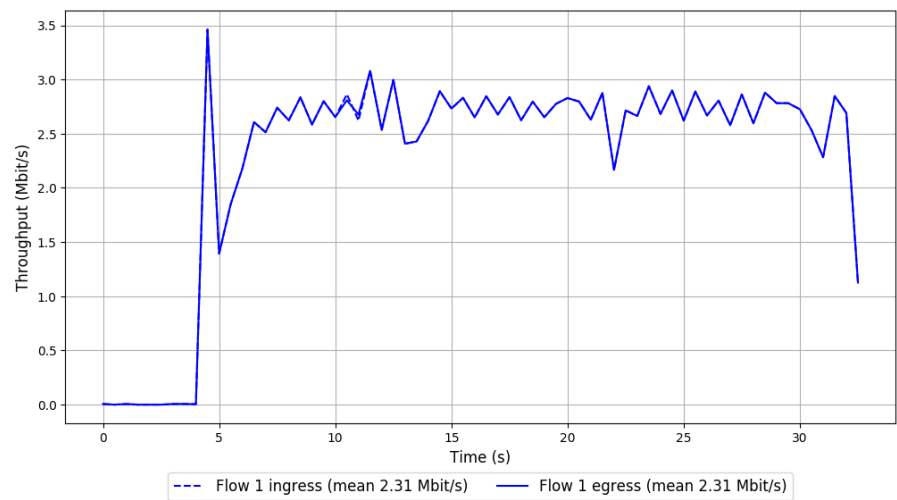
Run 1: Statistics of WebRTC media

Start at: 2018-01-25 23:48:50  
End at: 2018-01-25 23:49:20  
Local clock offset: 0.01 ms  
Remote clock offset: -0.368 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 3.079 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 3.079 ms  
Loss rate: 0.00%



Run 1: Report of WebRTC media — Data Link

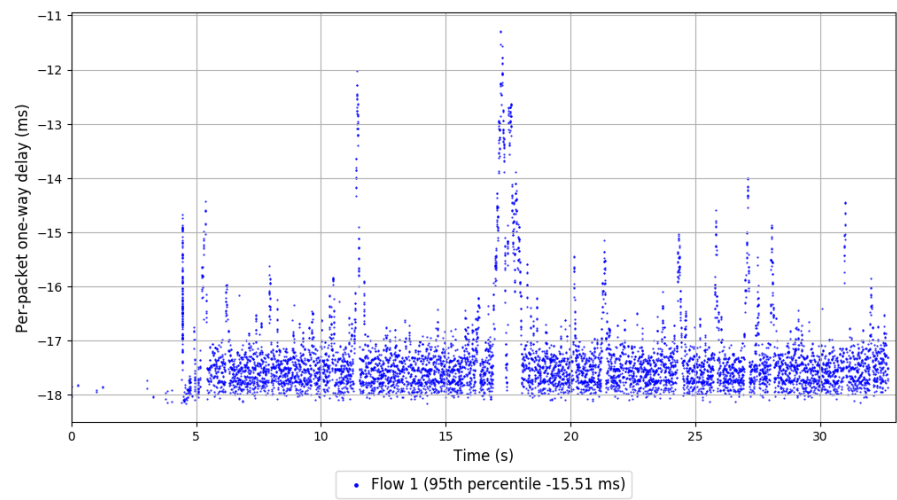
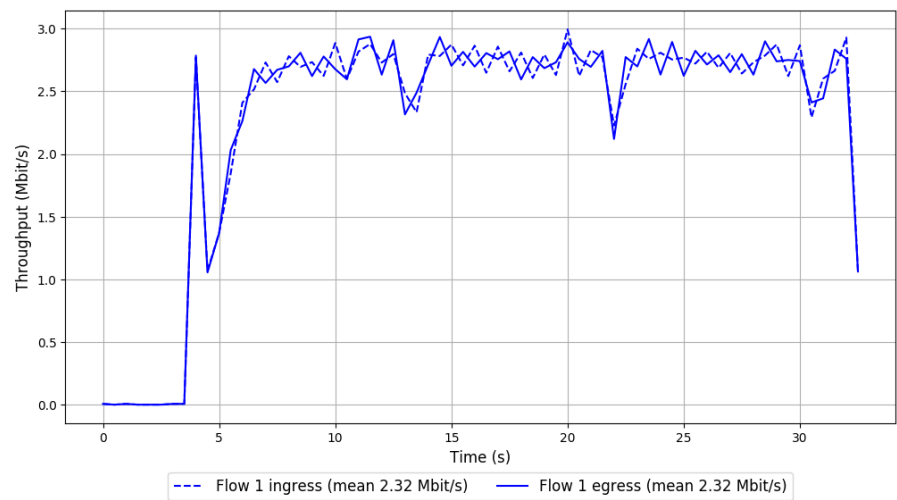


Run 2: Statistics of WebRTC media

Start at: 2018-01-26 00:06:40  
End at: 2018-01-26 00:07:10  
Local clock offset: -0.03 ms  
Remote clock offset: -20.747 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -15.507 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: -15.507 ms  
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

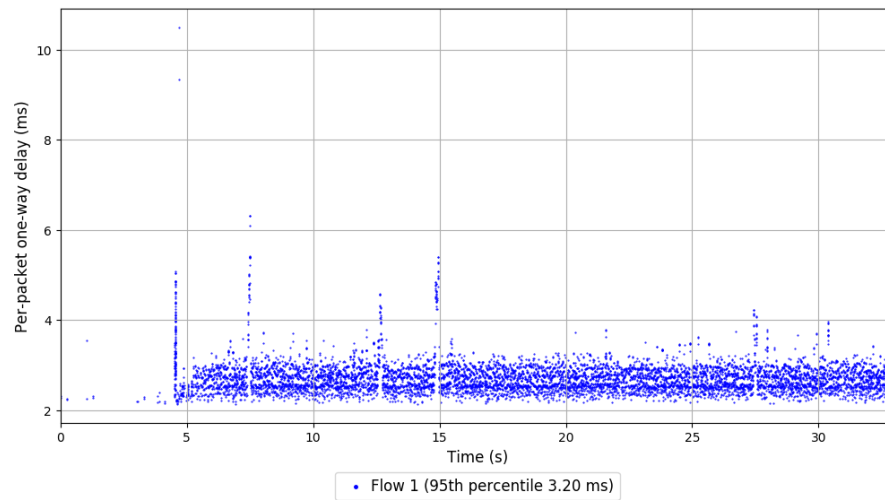
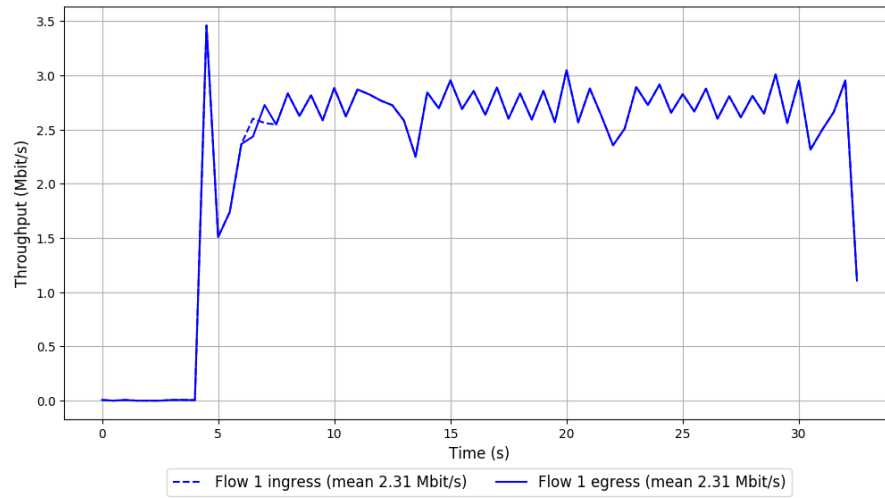


Run 3: Statistics of WebRTC media

Start at: 2018-01-26 00:24:58  
End at: 2018-01-26 00:25:28  
Local clock offset: -0.027 ms  
Remote clock offset: -0.578 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 3.203 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.31 Mbit/s  
95th percentile per-packet one-way delay: 3.203 ms  
Loss rate: 0.00%

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

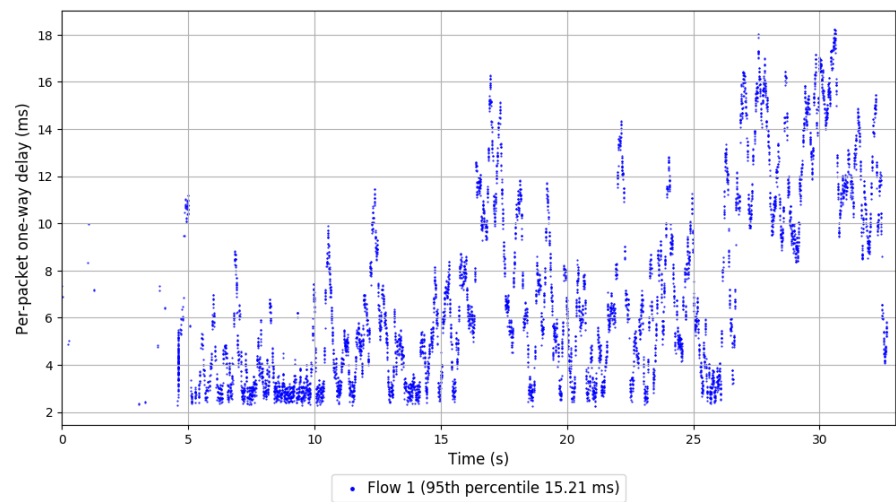
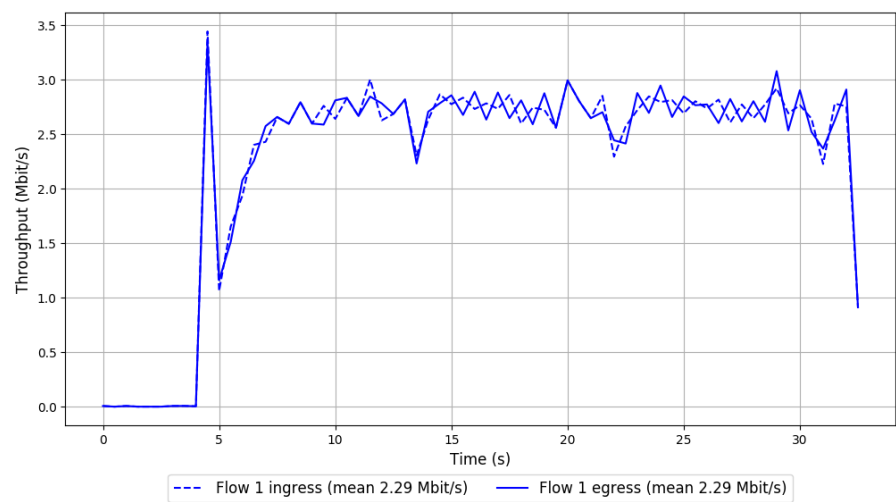


Run 4: Statistics of WebRTC media

Start at: 2018-01-26 00:43:00  
End at: 2018-01-26 00:43:30  
Local clock offset: -0.104 ms  
Remote clock offset: -0.515 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 15.208 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.29 Mbit/s  
95th percentile per-packet one-way delay: 15.208 ms  
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



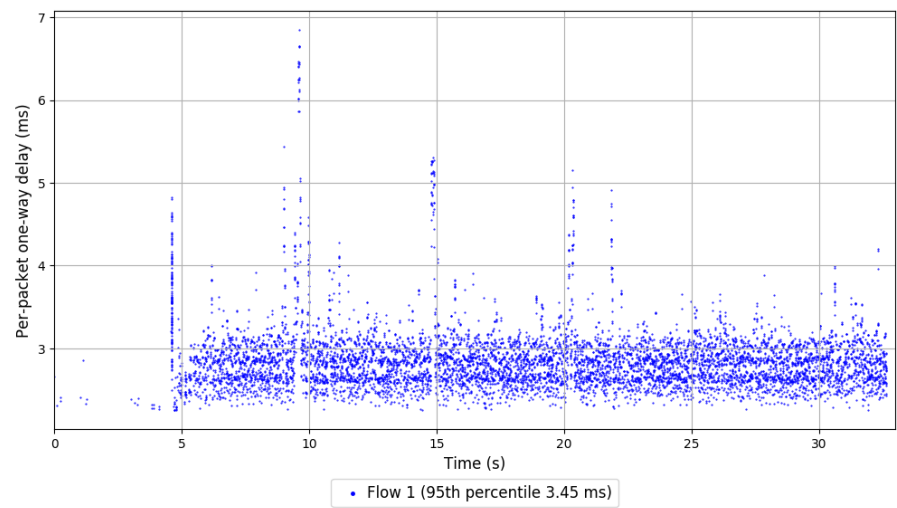
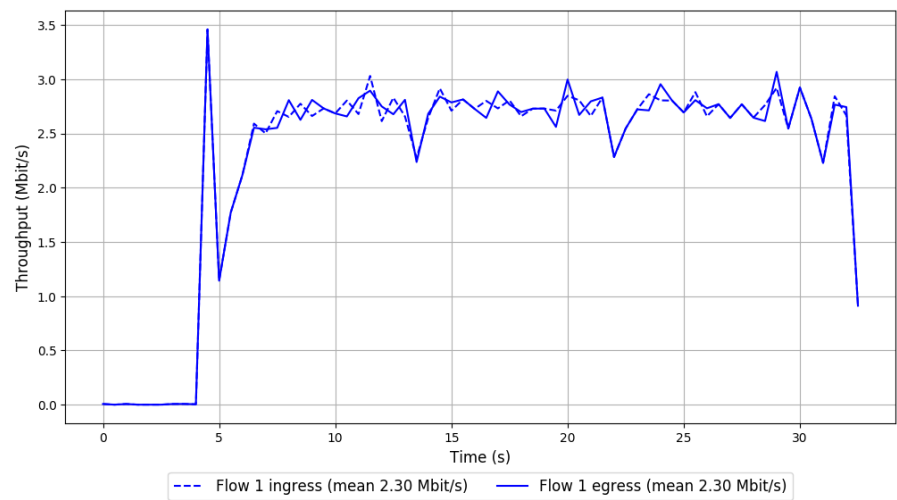
Run 5: Statistics of WebRTC media

Start at: 2018-01-26 01:00:56  
End at: 2018-01-26 01:01:26  
Local clock offset: -0.104 ms  
Remote clock offset: -0.389 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 3.451 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 3.451 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link

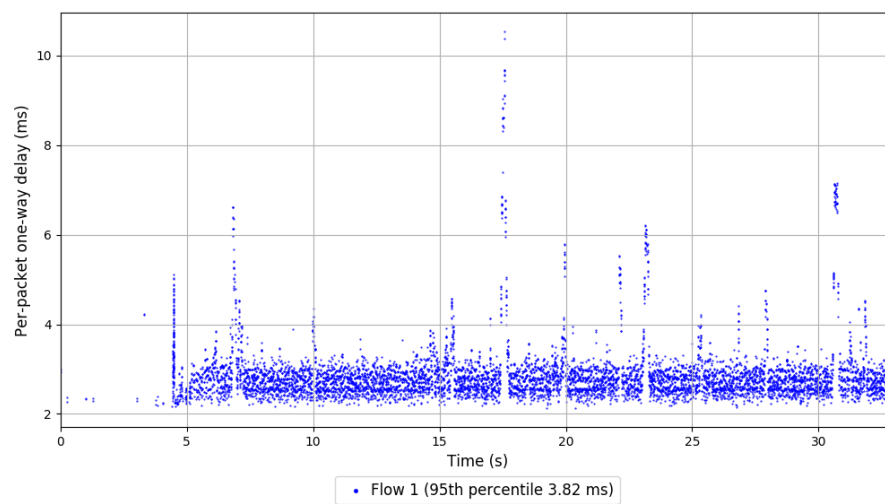
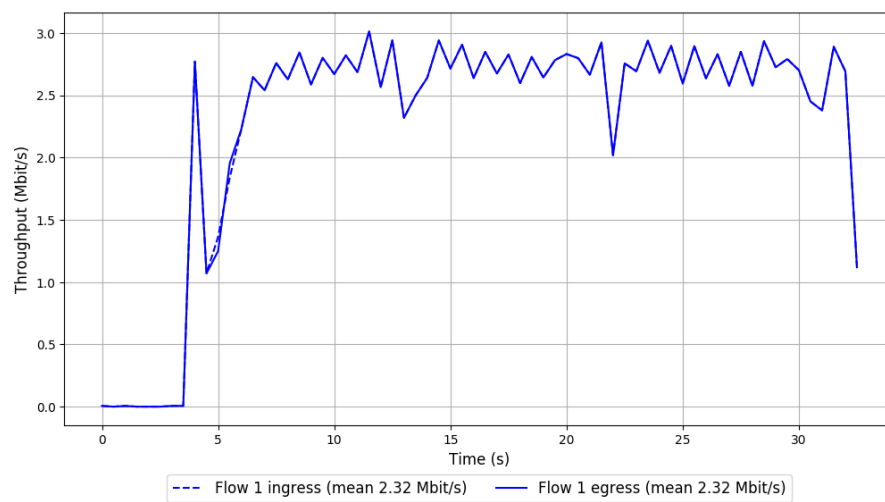


Run 6: Statistics of WebRTC media

Start at: 2018-01-26 01:18:50  
End at: 2018-01-26 01:19:20  
Local clock offset: 0.138 ms  
Remote clock offset: -0.294 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: 3.818 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.32 Mbit/s  
95th percentile per-packet one-way delay: 3.818 ms  
Loss rate: 0.00%

## Run 6: Report of WebRTC media — Data Link

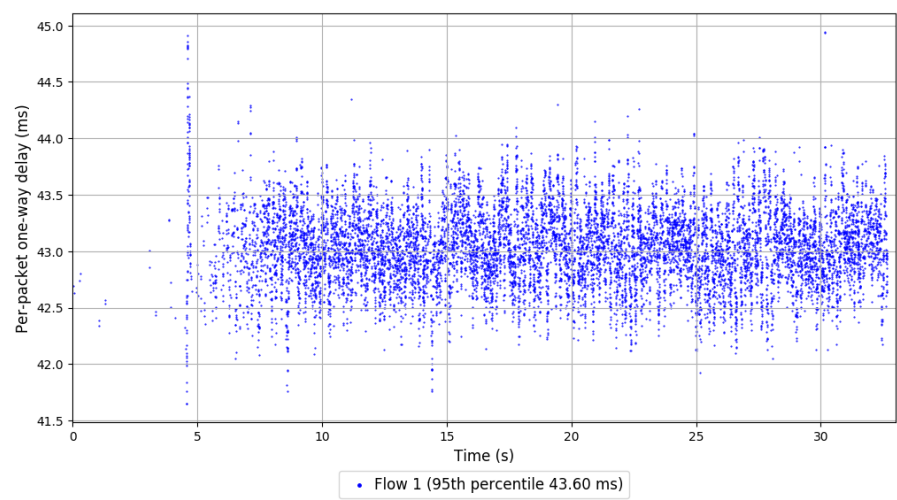
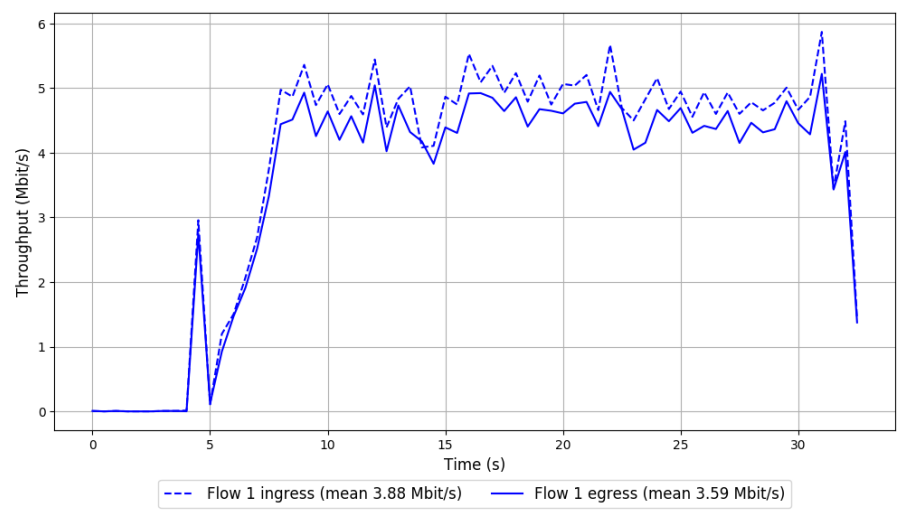


Run 7: Statistics of WebRTC media

Start at: 2018-01-26 01:36:50  
End at: 2018-01-26 01:37:20  
Local clock offset: 0.285 ms  
Remote clock offset: -0.249 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 3.59 Mbit/s  
95th percentile per-packet one-way delay: 43.603 ms  
Loss rate: 7.66%  
-- Flow 1:  
Average throughput: 3.59 Mbit/s  
95th percentile per-packet one-way delay: 43.603 ms  
Loss rate: 7.66%

Run 7: Report of WebRTC media — Data Link

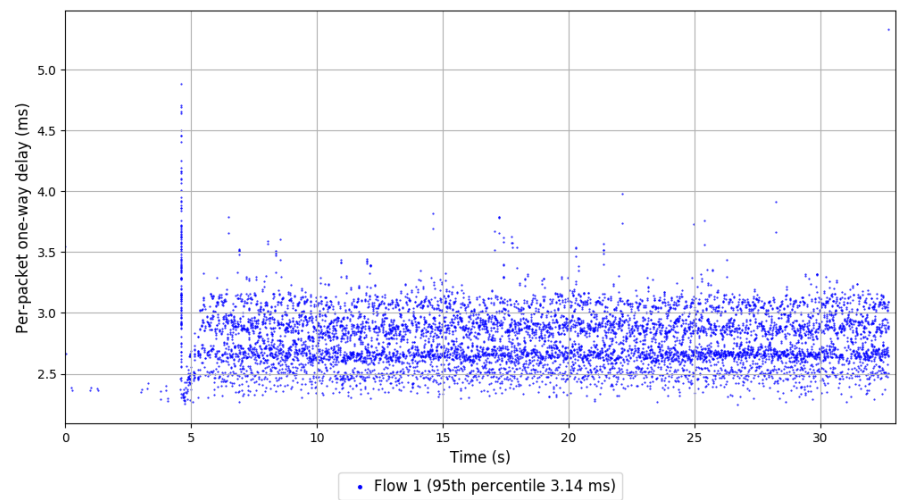
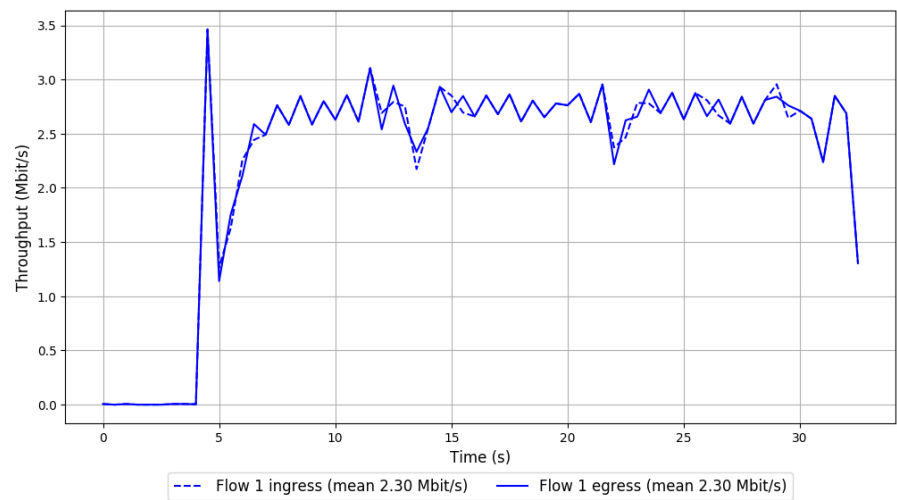


Run 8: Statistics of WebRTC media

Start at: 2018-01-26 01:54:57  
End at: 2018-01-26 01:55:27  
Local clock offset: 0.369 ms  
Remote clock offset: -0.362 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 3.138 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.30 Mbit/s  
95th percentile per-packet one-way delay: 3.138 ms  
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



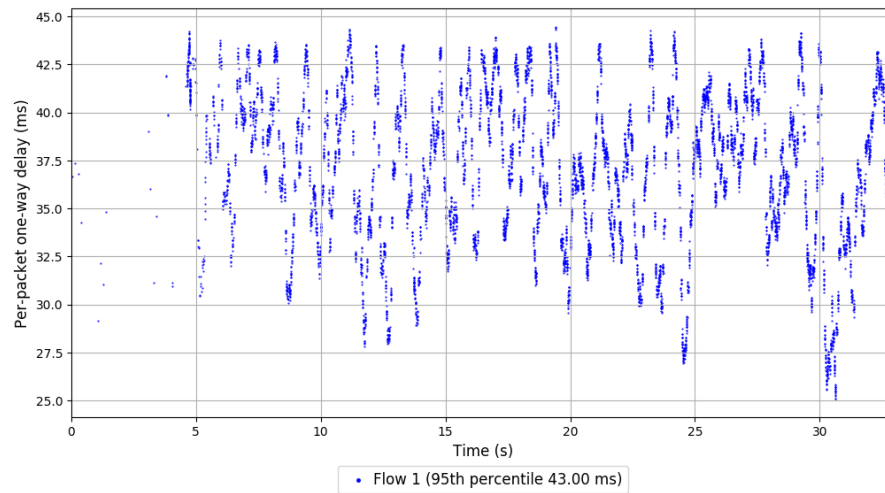
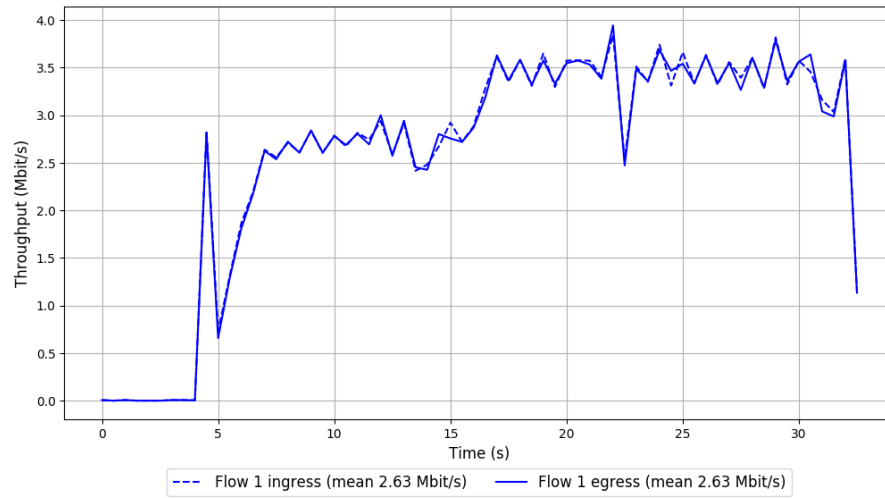
Run 9: Statistics of WebRTC media

Start at: 2018-01-26 02:12:59  
End at: 2018-01-26 02:13:29  
Local clock offset: 0.425 ms  
Remote clock offset: -0.441 ms

# Below is generated by plot.py at 2018-01-26 10:14:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.63 Mbit/s  
95th percentile per-packet one-way delay: 42.997 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 2.63 Mbit/s  
95th percentile per-packet one-way delay: 42.997 ms  
Loss rate: 0.34%



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



Run 10: Statistics of WebRTC media

Start at: 2018-01-26 02:30:59

End at: 2018-01-26 02:31:29

Local clock offset: 0.521 ms

Remote clock offset: -0.421 ms

# Below is generated by plot.py at 2018-01-26 10:14:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 2.983 ms

Loss rate: 0.00%

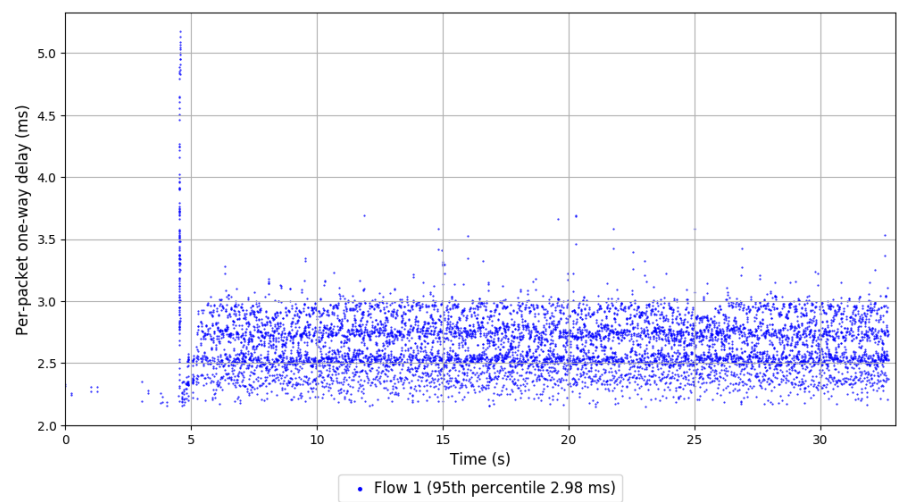
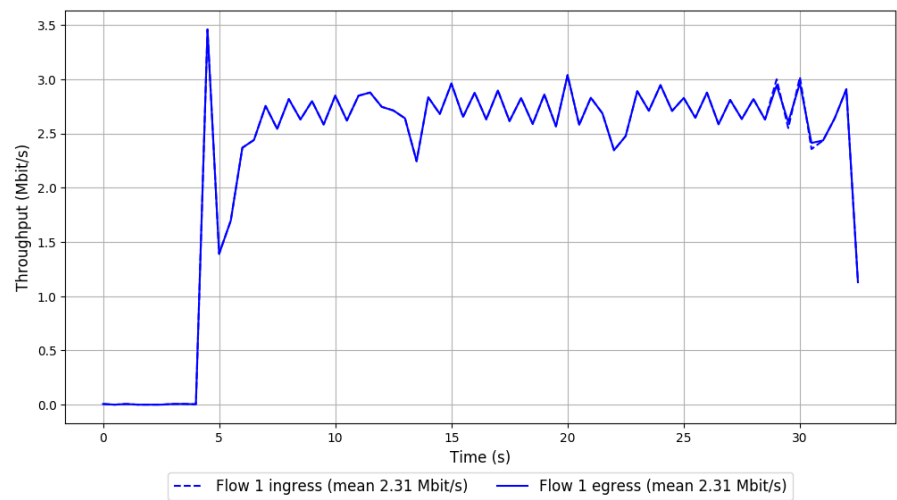
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 2.983 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

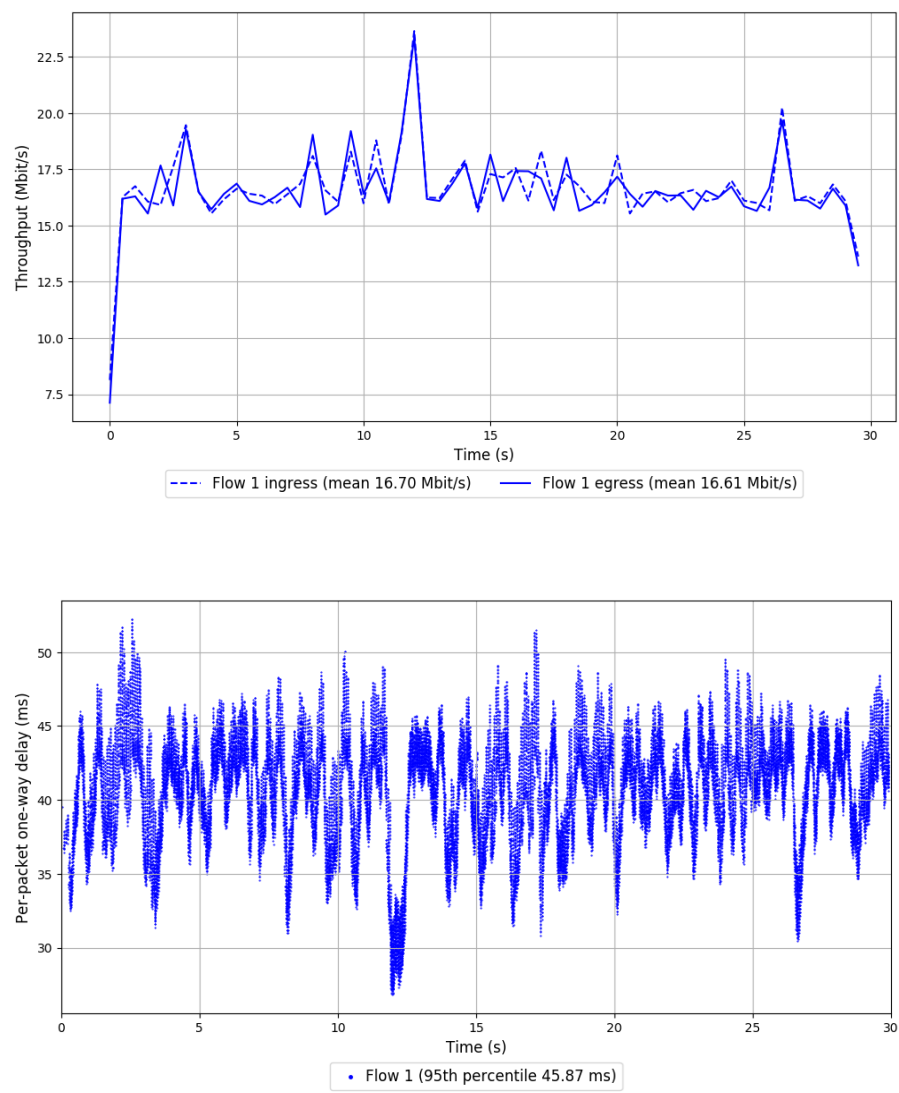


Run 1: Statistics of Sprout

Start at: 2018-01-25 23:31:57  
End at: 2018-01-25 23:32:27  
Local clock offset: -0.001 ms  
Remote clock offset: -0.255 ms

# Below is generated by plot.py at 2018-01-26 10:14:39  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 16.61 Mbit/s  
95th percentile per-packet one-way delay: 45.869 ms  
Loss rate: 0.65%  
-- Flow 1:  
Average throughput: 16.61 Mbit/s  
95th percentile per-packet one-way delay: 45.869 ms  
Loss rate: 0.65%

Run 1: Report of Sprout — Data Link

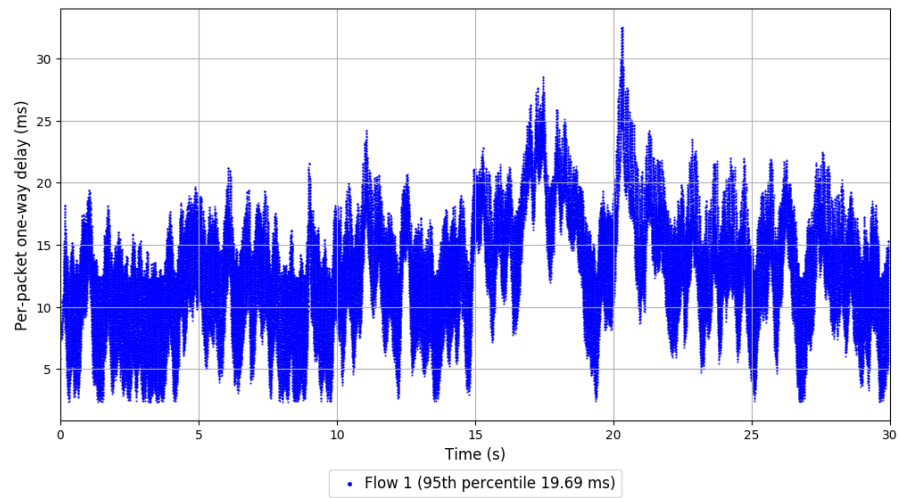
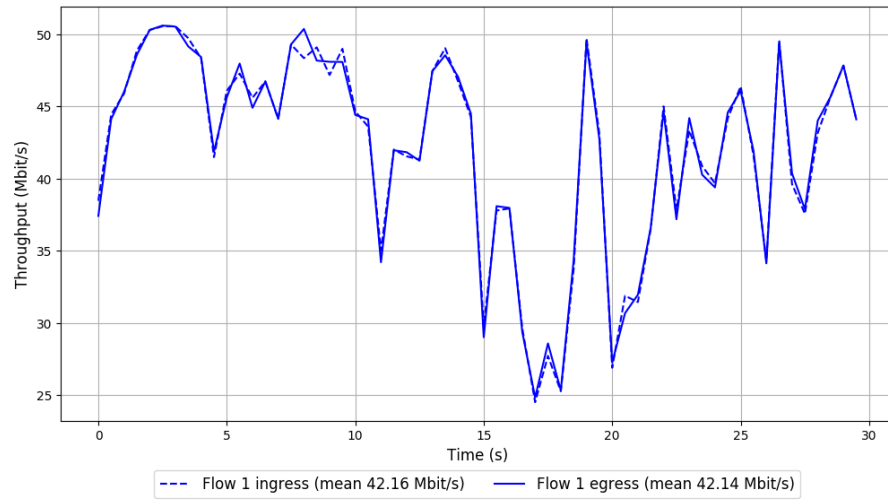


Run 2: Statistics of Sprout

Start at: 2018-01-25 23:49:54  
End at: 2018-01-25 23:50:24  
Local clock offset: -0.063 ms  
Remote clock offset: -0.343 ms

# Below is generated by plot.py at 2018-01-26 10:15:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 42.14 Mbit/s  
95th percentile per-packet one-way delay: 19.689 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 42.14 Mbit/s  
95th percentile per-packet one-way delay: 19.689 ms  
Loss rate: 0.00%

## Run 2: Report of Sprout — Data Link



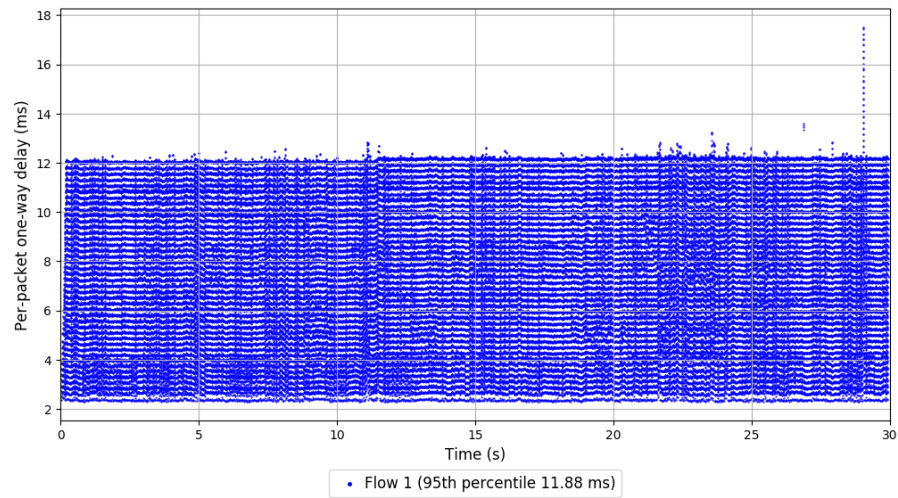
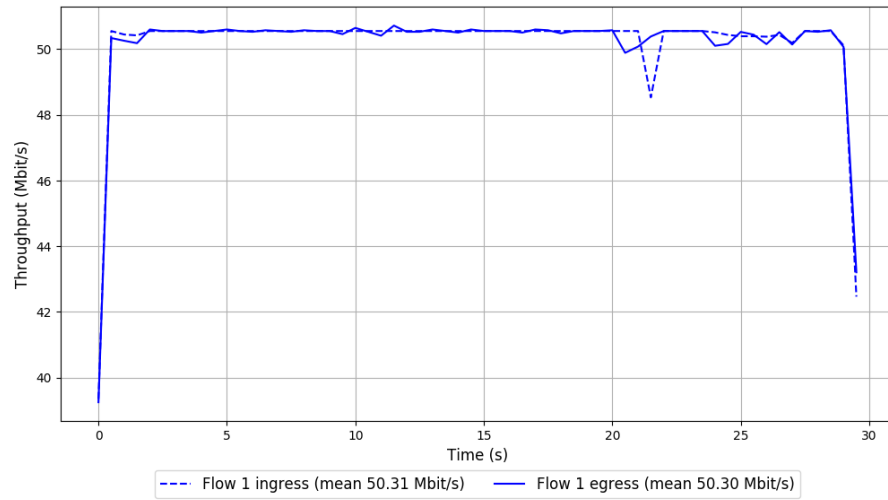
Run 3: Statistics of Sprout

Start at: 2018-01-26 00:07:44  
End at: 2018-01-26 00:08:14  
Local clock offset: -0.024 ms  
Remote clock offset: -0.434 ms

# Below is generated by plot.py at 2018-01-26 10:15:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.30 Mbit/s  
95th percentile per-packet one-way delay: 11.878 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.30 Mbit/s  
95th percentile per-packet one-way delay: 11.878 ms  
Loss rate: 0.00%



### Run 3: Report of Sprout — Data Link

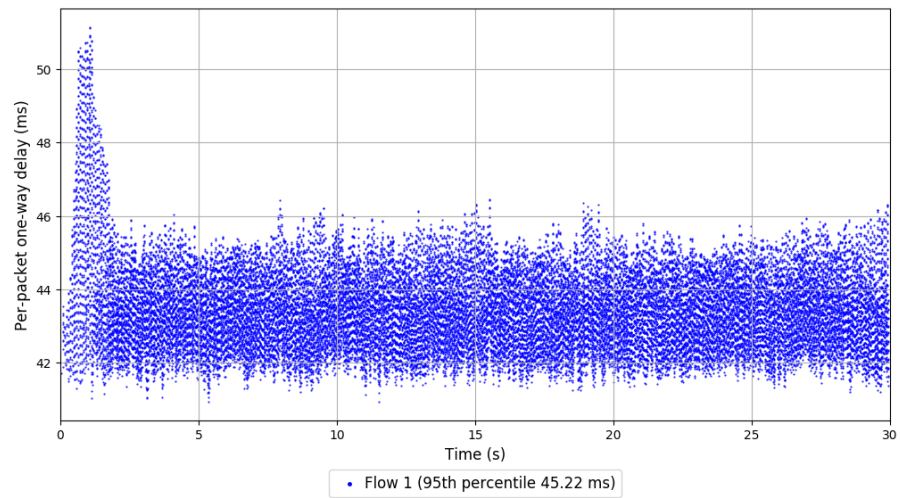
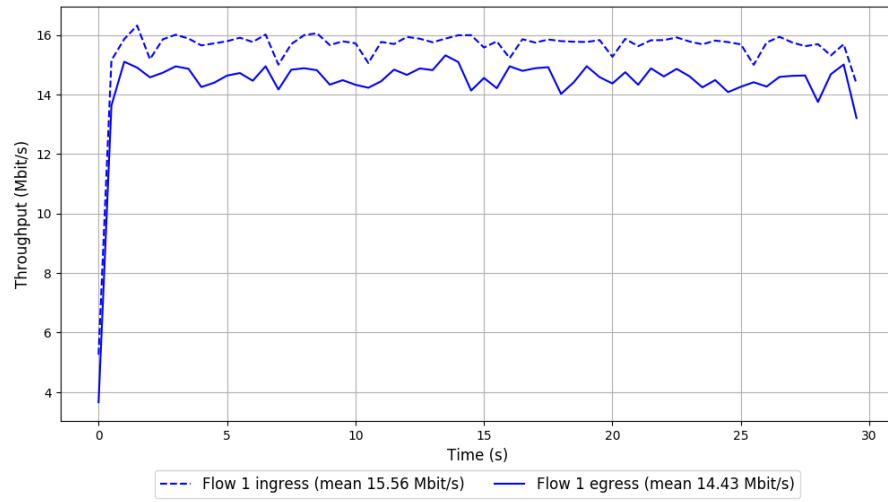


Run 4: Statistics of Sprout

Start at: 2018-01-26 00:26:02  
End at: 2018-01-26 00:26:32  
Local clock offset: -0.031 ms  
Remote clock offset: -0.635 ms

# Below is generated by plot.py at 2018-01-26 10:15:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 14.43 Mbit/s  
95th percentile per-packet one-way delay: 45.217 ms  
Loss rate: 7.36%  
-- Flow 1:  
Average throughput: 14.43 Mbit/s  
95th percentile per-packet one-way delay: 45.217 ms  
Loss rate: 7.36%

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

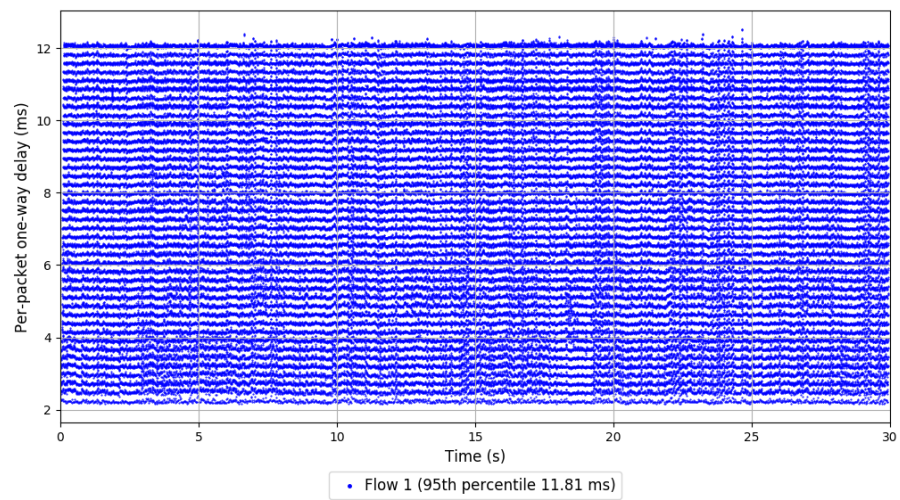
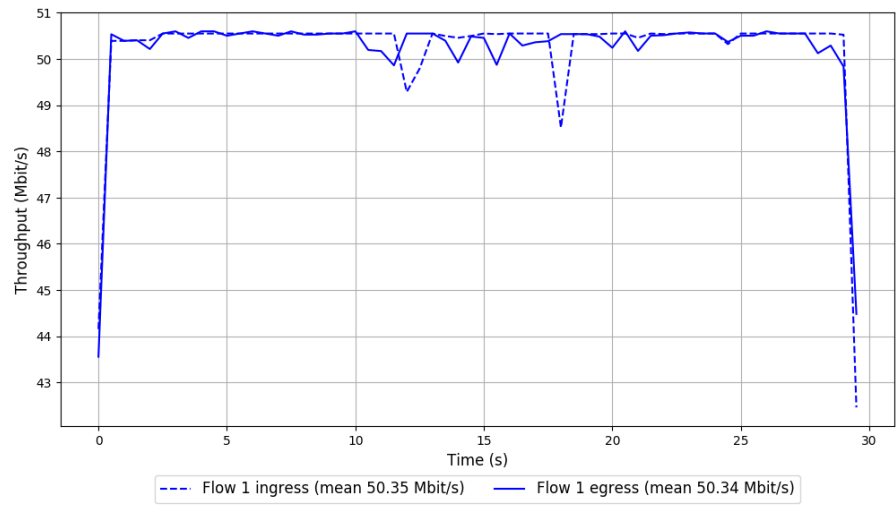


Run 5: Statistics of Sprout

Start at: 2018-01-26 00:44:04  
End at: 2018-01-26 00:44:34  
Local clock offset: -0.041 ms  
Remote clock offset: -0.608 ms

# Below is generated by plot.py at 2018-01-26 10:15:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.34 Mbit/s  
95th percentile per-packet one-way delay: 11.815 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.34 Mbit/s  
95th percentile per-packet one-way delay: 11.815 ms  
Loss rate: 0.00%

### Run 5: Report of Sprout — Data Link

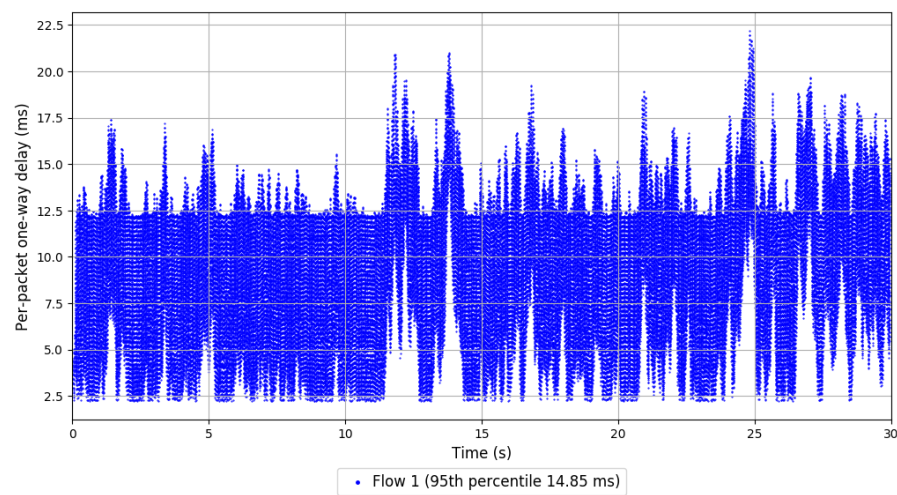
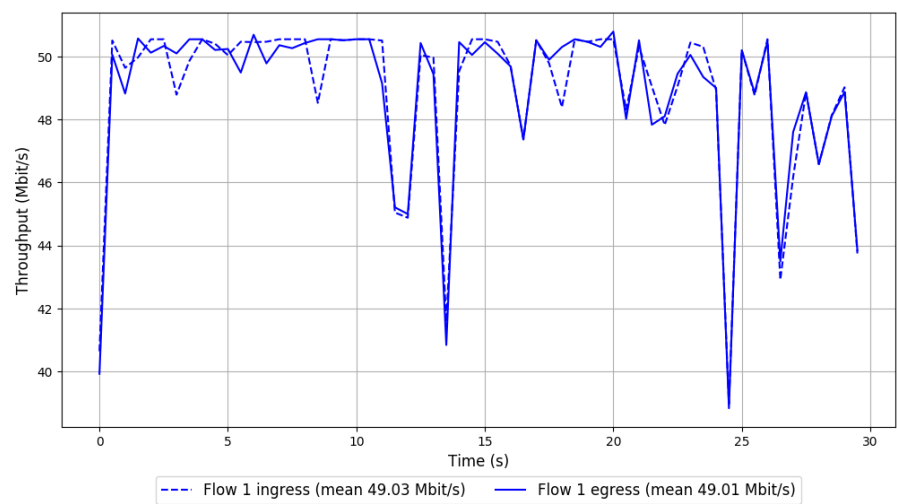


Run 6: Statistics of Sprout

Start at: 2018-01-26 01:02:00  
End at: 2018-01-26 01:02:30  
Local clock offset: -0.022 ms  
Remote clock offset: -0.454 ms

# Below is generated by plot.py at 2018-01-26 10:15:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 49.01 Mbit/s  
95th percentile per-packet one-way delay: 14.845 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 49.01 Mbit/s  
95th percentile per-packet one-way delay: 14.845 ms  
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



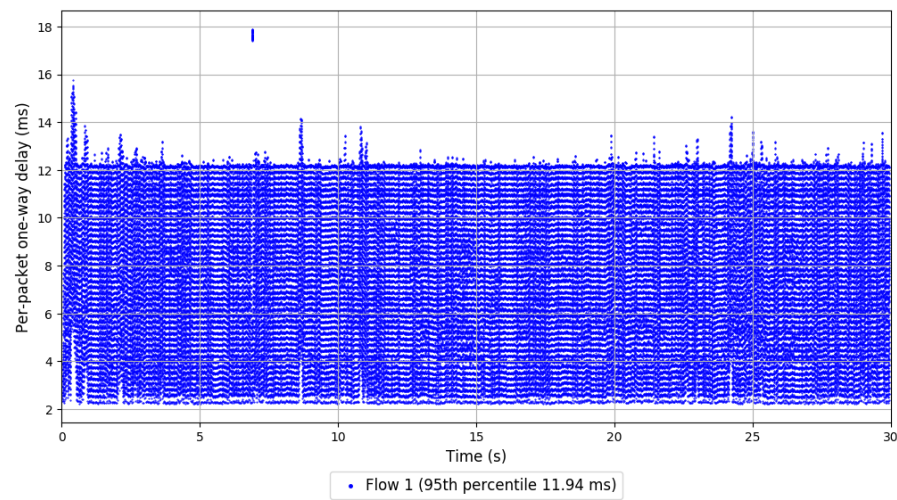
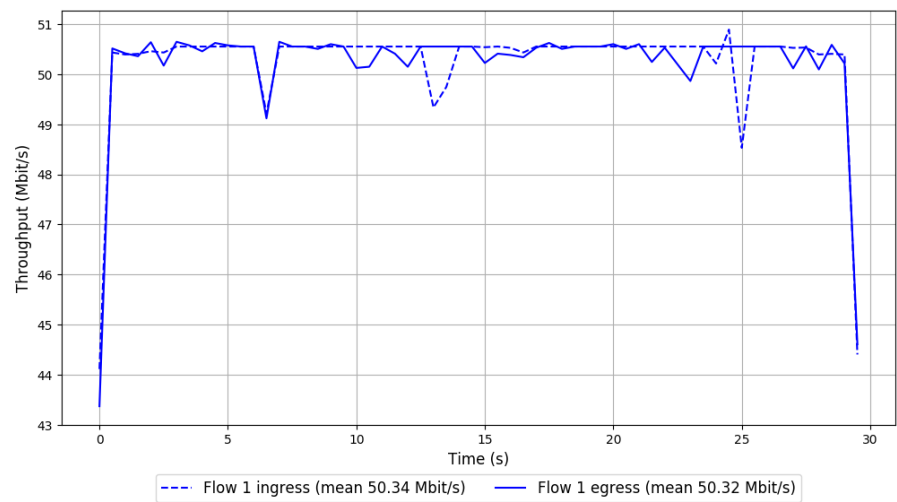
Run 7: Statistics of Sprout

Start at: 2018-01-26 01:19:54  
End at: 2018-01-26 01:20:24  
Local clock offset: 0.133 ms  
Remote clock offset: -0.349 ms

# Below is generated by plot.py at 2018-01-26 10:15:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.32 Mbit/s  
95th percentile per-packet one-way delay: 11.936 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 50.32 Mbit/s  
95th percentile per-packet one-way delay: 11.936 ms  
Loss rate: 0.02%



Run 7: Report of Sprout — Data Link

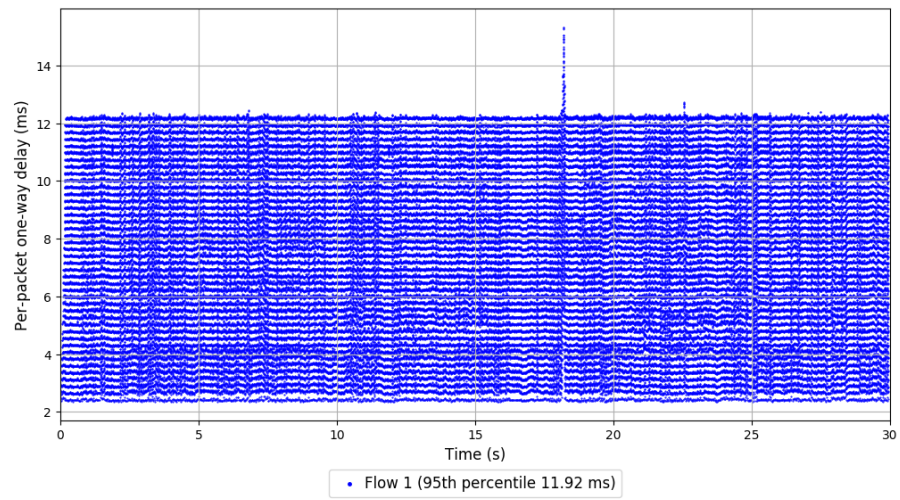
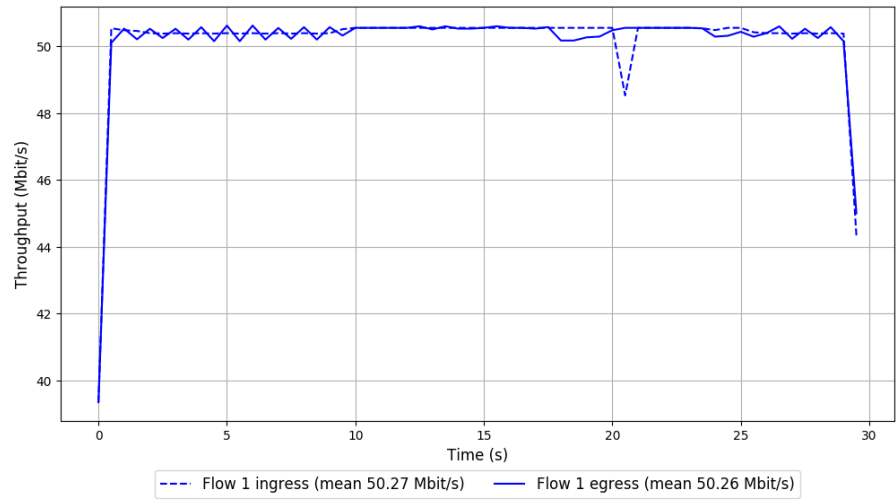


Run 8: Statistics of Sprout

Start at: 2018-01-26 01:37:54  
End at: 2018-01-26 01:38:24  
Local clock offset: 0.219 ms  
Remote clock offset: -0.253 ms

# Below is generated by plot.py at 2018-01-26 10:15:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.26 Mbit/s  
95th percentile per-packet one-way delay: 11.916 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.26 Mbit/s  
95th percentile per-packet one-way delay: 11.916 ms  
Loss rate: 0.00%

# Run 8: Report of Sprout — Data Link

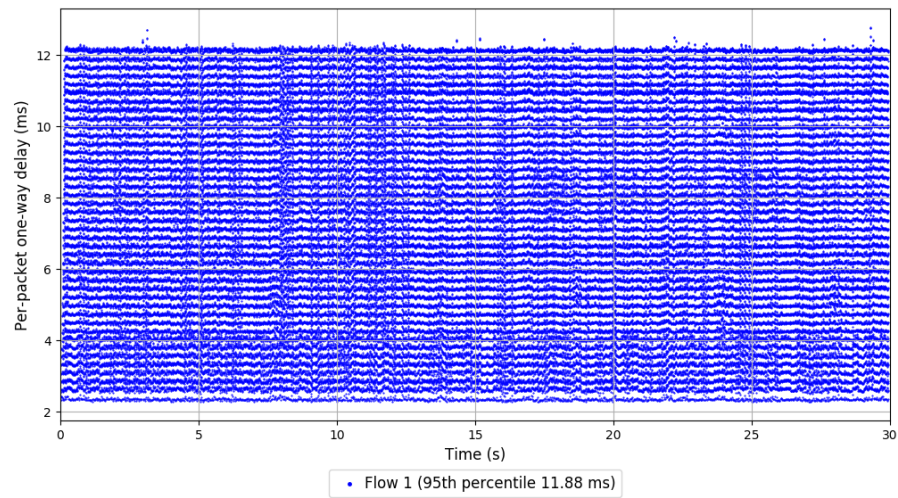
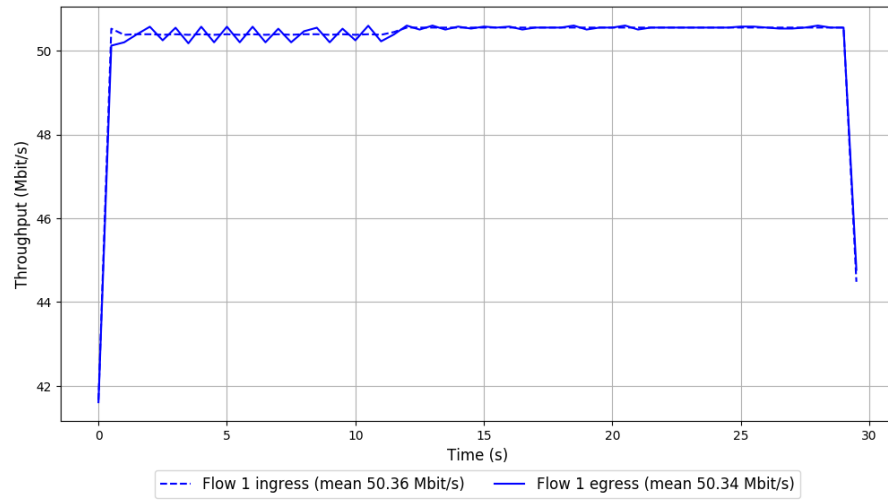


Run 9: Statistics of Sprout

Start at: 2018-01-26 01:56:01  
End at: 2018-01-26 01:56:31  
Local clock offset: 0.434 ms  
Remote clock offset: -0.425 ms

# Below is generated by plot.py at 2018-01-26 10:15:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.34 Mbit/s  
95th percentile per-packet one-way delay: 11.879 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 50.34 Mbit/s  
95th percentile per-packet one-way delay: 11.879 ms  
Loss rate: 0.01%

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

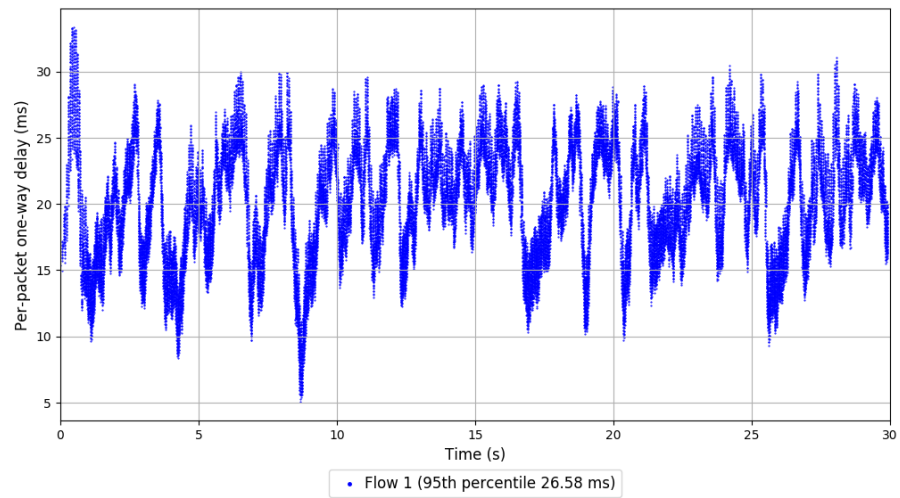
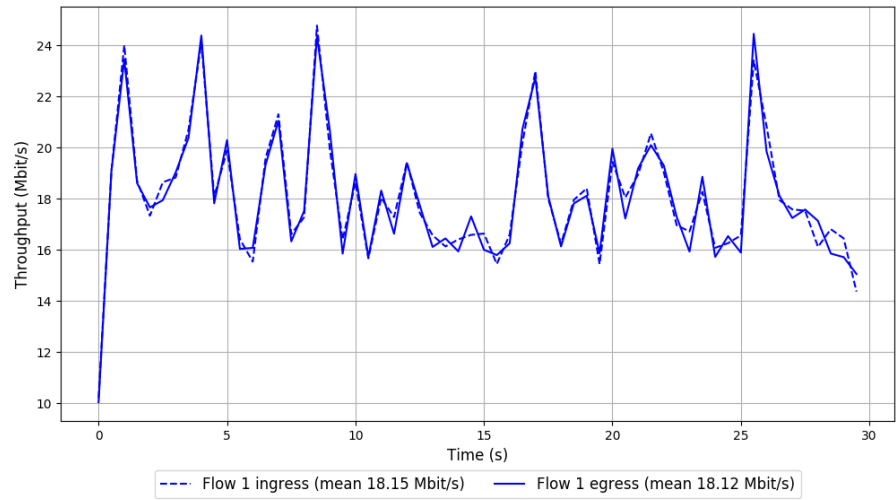


Run 10: Statistics of Sprout

Start at: 2018-01-26 02:14:03  
End at: 2018-01-26 02:14:33  
Local clock offset: 0.485 ms  
Remote clock offset: -19.021 ms

# Below is generated by plot.py at 2018-01-26 10:15:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 18.12 Mbit/s  
95th percentile per-packet one-way delay: 26.580 ms  
Loss rate: 0.22%  
-- Flow 1:  
Average throughput: 18.12 Mbit/s  
95th percentile per-packet one-way delay: 26.580 ms  
Loss rate: 0.22%

# Run 10: Report of Sprout — Data Link



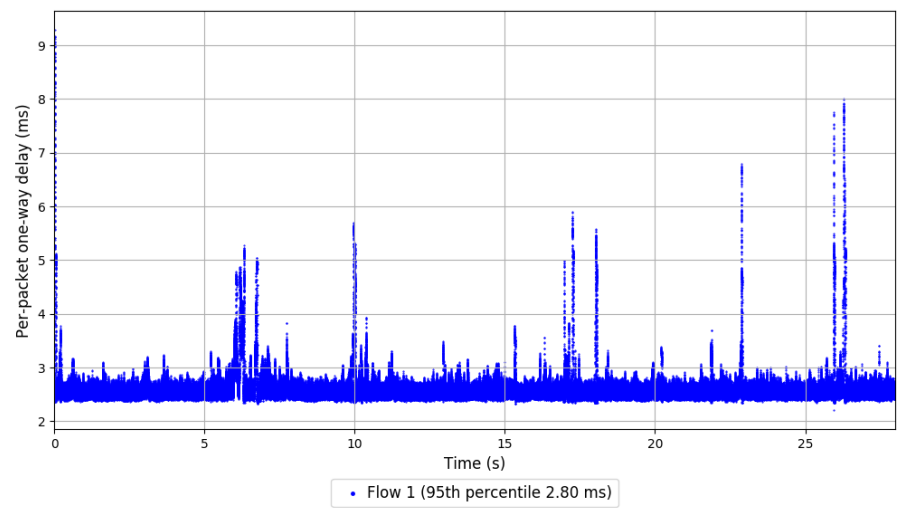
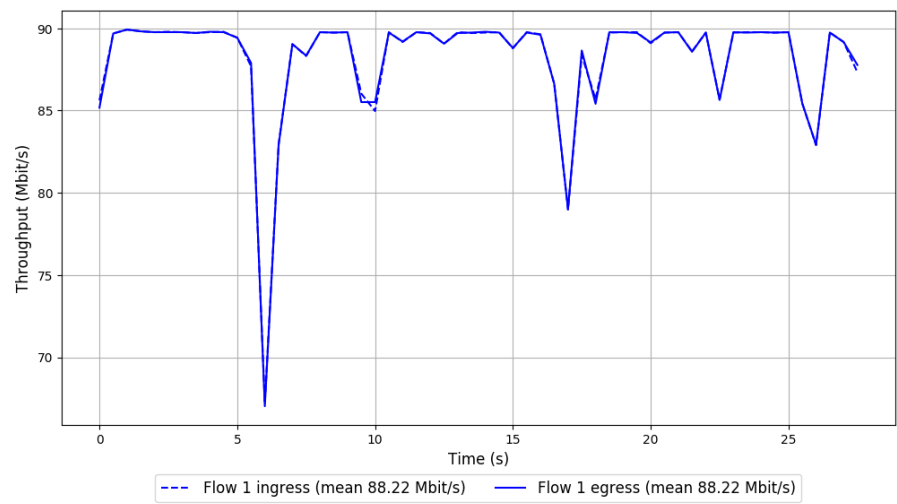
Run 1: Statistics of TaoVA-100x

Start at: 2018-01-25 23:46:30  
End at: 2018-01-25 23:47:00  
Local clock offset: -0.052 ms  
Remote clock offset: -0.326 ms

# Below is generated by plot.py at 2018-01-26 10:17:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.22 Mbit/s  
95th percentile per-packet one-way delay: 2.803 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 88.22 Mbit/s  
95th percentile per-packet one-way delay: 2.803 ms  
Loss rate: 0.00%



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-26 00:04:23

End at: 2018-01-26 00:04:53

Local clock offset: -0.022 ms

Remote clock offset: -0.491 ms

# Below is generated by plot.py at 2018-01-26 10:17:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.32 Mbit/s

95th percentile per-packet one-way delay: 2.581 ms

Loss rate: 0.00%

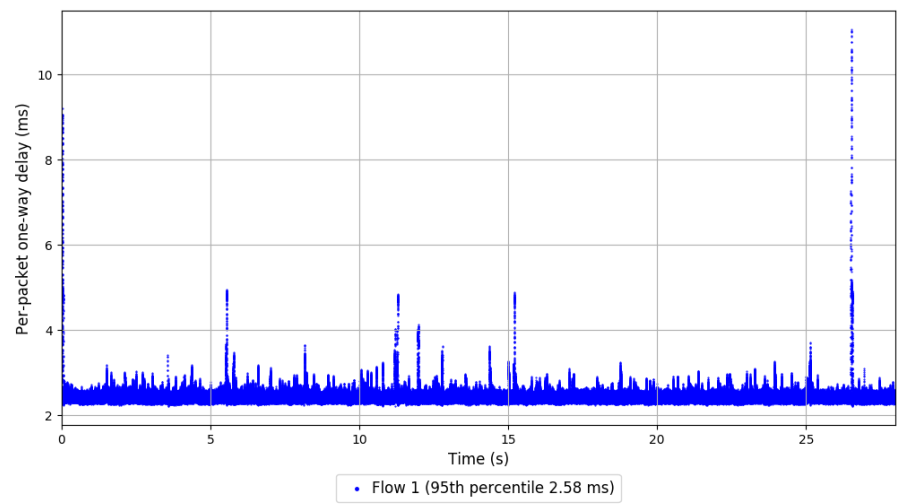
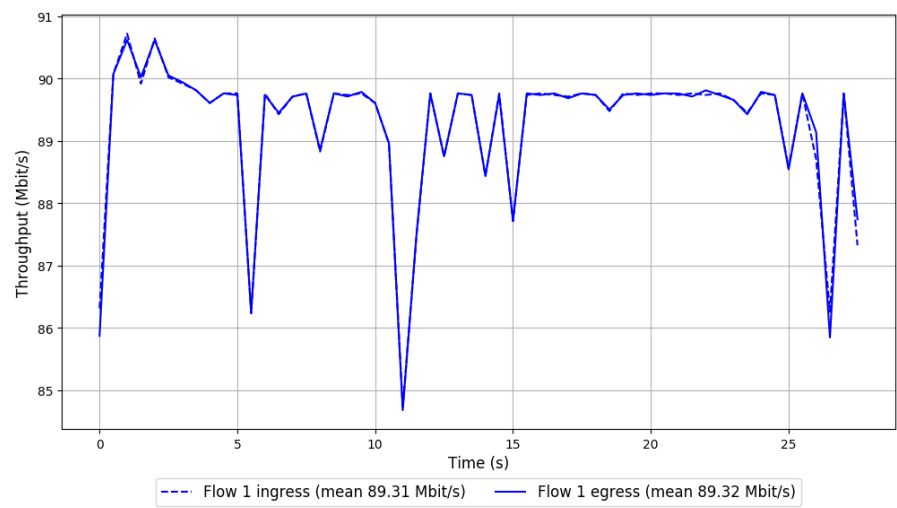
-- Flow 1:

Average throughput: 89.32 Mbit/s

95th percentile per-packet one-way delay: 2.581 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-26 00:22:45

End at: 2018-01-26 00:23:15

Local clock offset: -0.05 ms

Remote clock offset: -0.557 ms

# Below is generated by plot.py at 2018-01-26 10:17:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 64.71 Mbit/s

95th percentile per-packet one-way delay: 5.832 ms

Loss rate: 0.00%

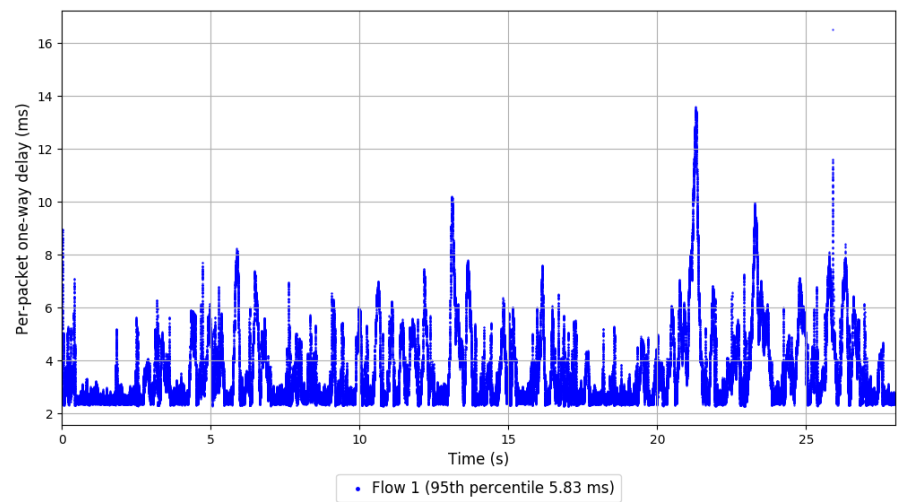
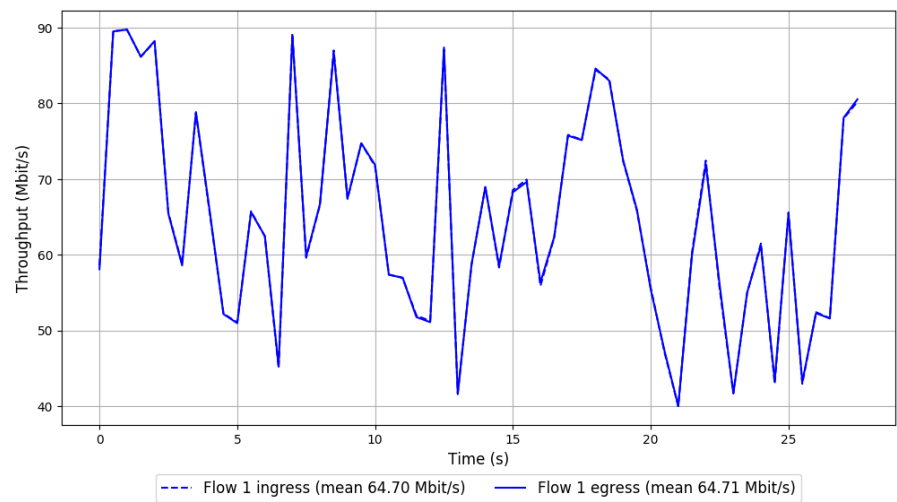
-- Flow 1:

Average throughput: 64.71 Mbit/s

95th percentile per-packet one-way delay: 5.832 ms

Loss rate: 0.00%

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

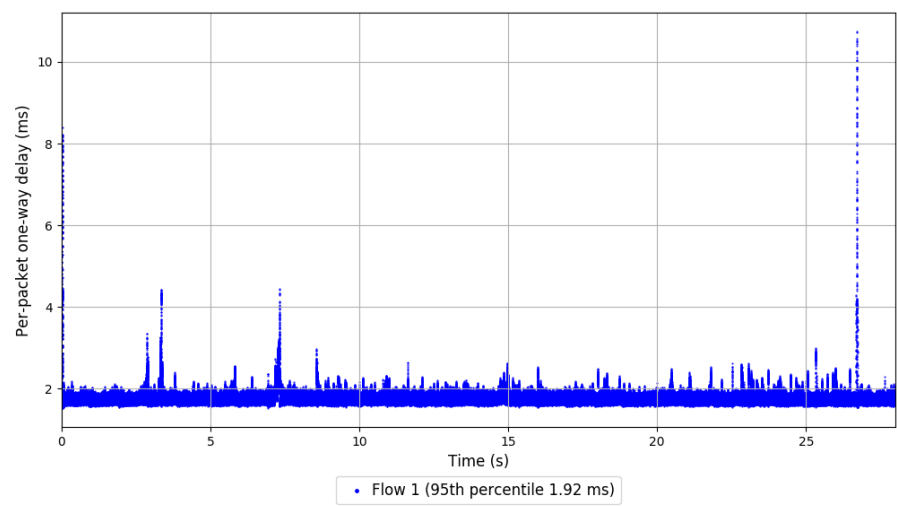
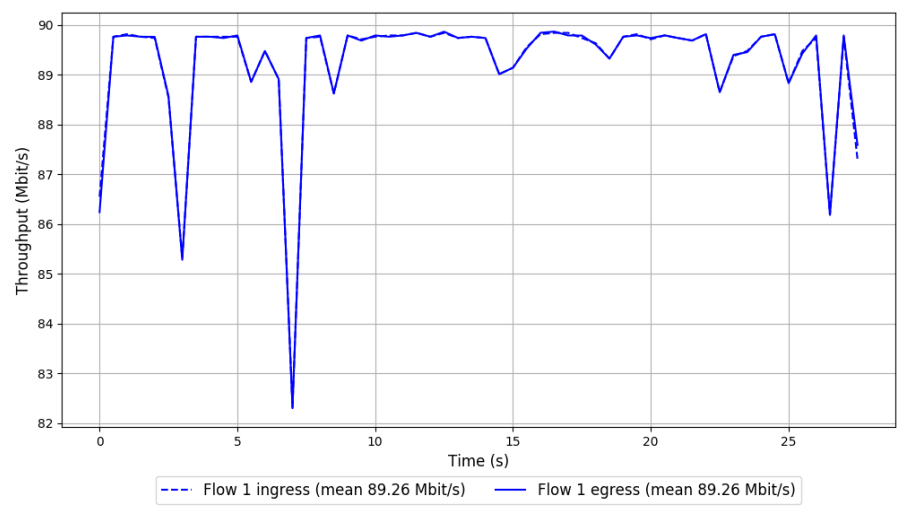


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-26 00:40:40  
End at: 2018-01-26 00:41:10  
Local clock offset: -0.014 ms  
Remote clock offset: -1.253 ms

# Below is generated by plot.py at 2018-01-26 10:17:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.26 Mbit/s  
95th percentile per-packet one-way delay: 1.923 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.26 Mbit/s  
95th percentile per-packet one-way delay: 1.923 ms  
Loss rate: 0.00%

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



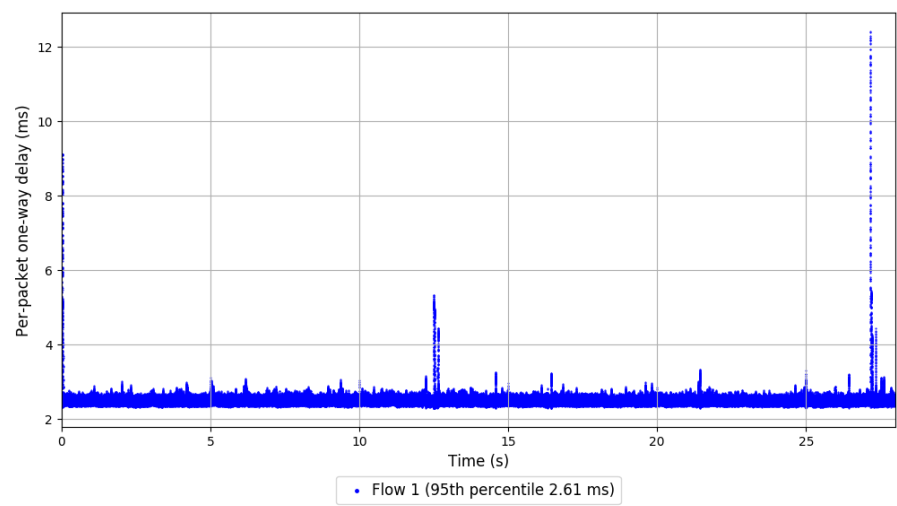
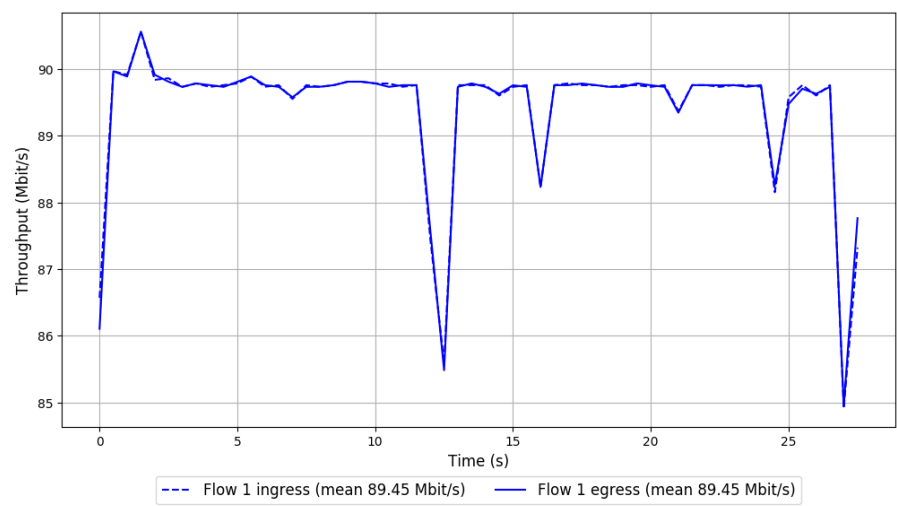
Run 5: Statistics of TaoVA-100x

Start at: 2018-01-26 00:58:35  
End at: 2018-01-26 00:59:05  
Local clock offset: -0.046 ms  
Remote clock offset: -0.414 ms

# Below is generated by plot.py at 2018-01-26 10:17:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 2.614 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.45 Mbit/s  
95th percentile per-packet one-way delay: 2.614 ms  
Loss rate: 0.00%



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



Run 6: Statistics of TaoVA-100x

Start at: 2018-01-26 01:16:33

End at: 2018-01-26 01:17:03

Local clock offset: 0.028 ms

Remote clock offset: -0.298 ms

# Below is generated by plot.py at 2018-01-26 10:17:27

# Datalink statistics

-- Total of 1 flow:

Average throughput: 44.80 Mbit/s

95th percentile per-packet one-way delay: 42.445 ms

Loss rate: 0.28%

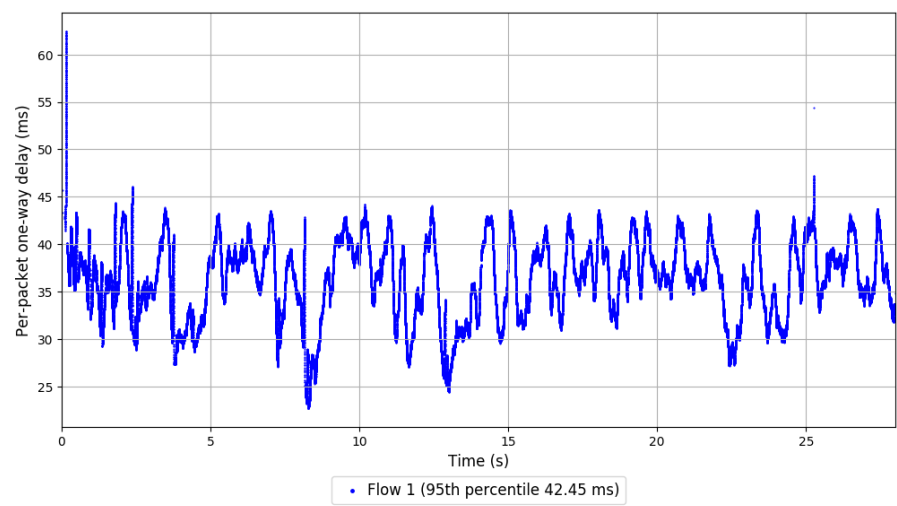
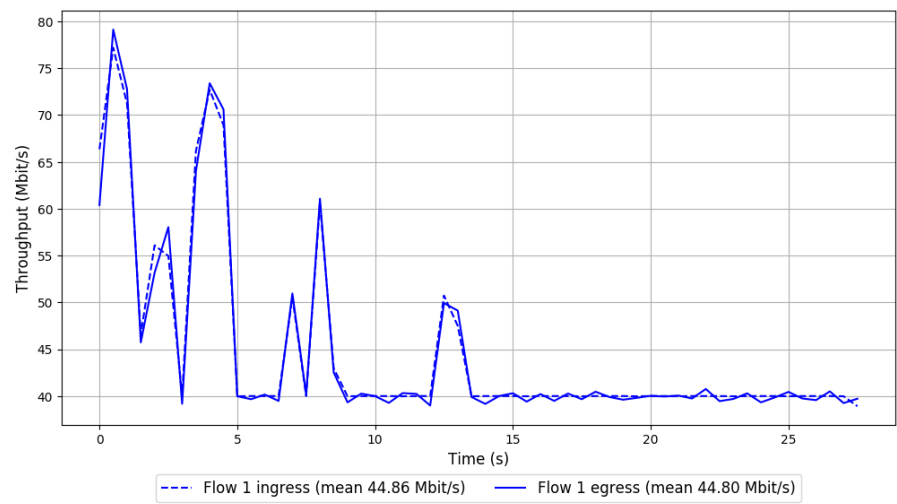
-- Flow 1:

Average throughput: 44.80 Mbit/s

95th percentile per-packet one-way delay: 42.445 ms

Loss rate: 0.28%

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

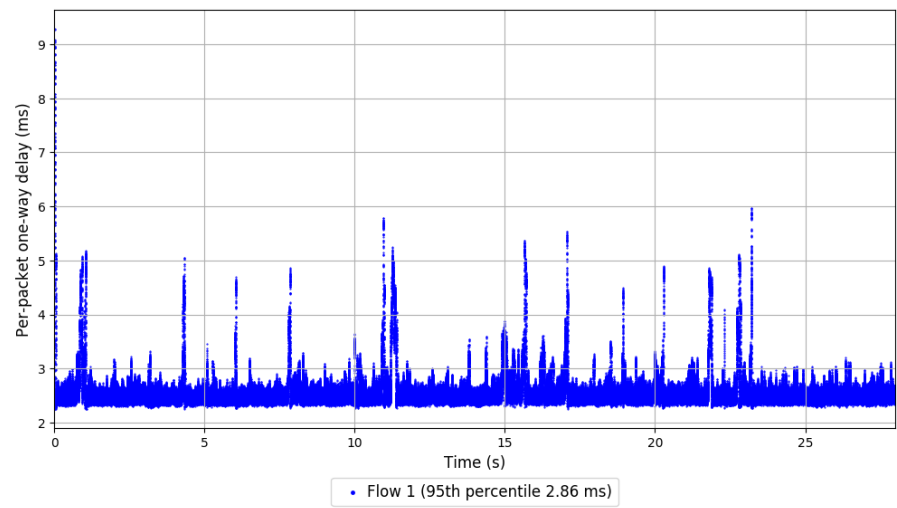
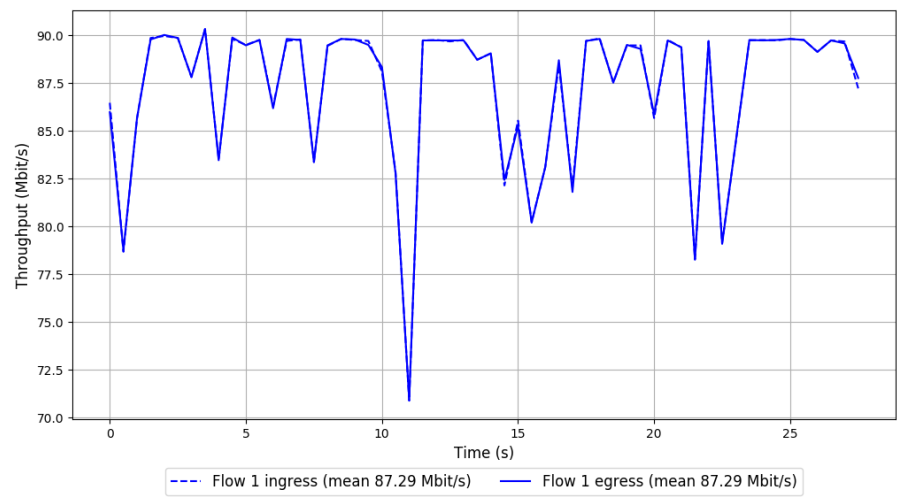


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-26 01:34:30  
End at: 2018-01-26 01:35:00  
Local clock offset: 0.273 ms  
Remote clock offset: -0.243 ms

# Below is generated by plot.py at 2018-01-26 10:17:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 87.29 Mbit/s  
95th percentile per-packet one-way delay: 2.859 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 87.29 Mbit/s  
95th percentile per-packet one-way delay: 2.859 ms  
Loss rate: 0.00%

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

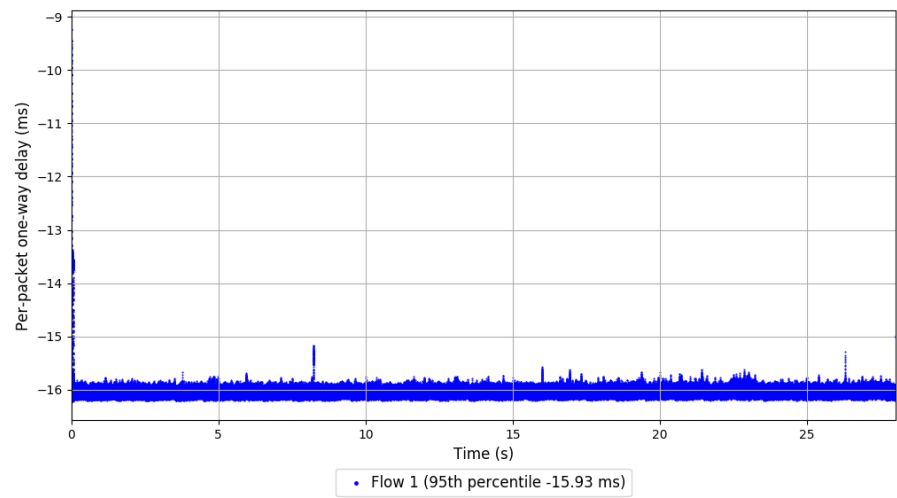
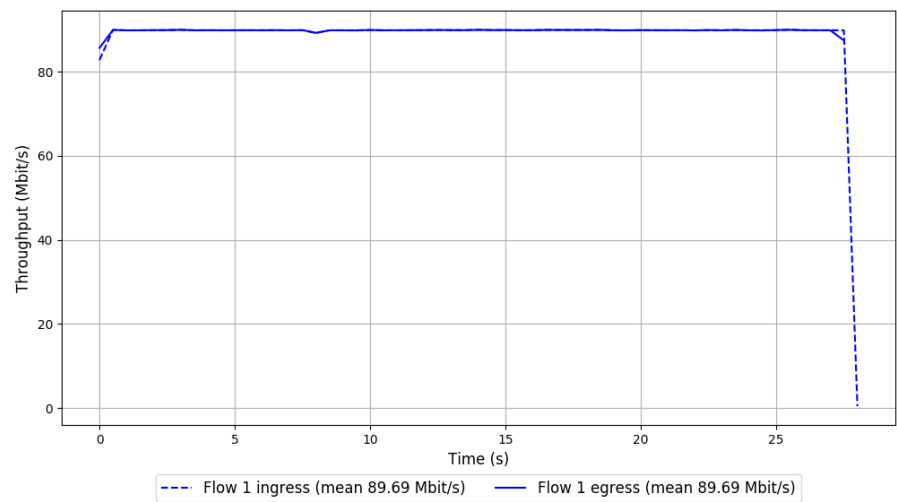


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-26 01:52:36  
End at: 2018-01-26 01:53:06  
Local clock offset: 0.425 ms  
Remote clock offset: -18.901 ms

# Below is generated by plot.py at 2018-01-26 10:17:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.69 Mbit/s  
95th percentile per-packet one-way delay: -15.930 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.69 Mbit/s  
95th percentile per-packet one-way delay: -15.930 ms  
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-26 02:10:38

End at: 2018-01-26 02:11:08

Local clock offset: 0.498 ms

Remote clock offset: -0.435 ms

# Below is generated by plot.py at 2018-01-26 10:18:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.72 Mbit/s

95th percentile per-packet one-way delay: 2.562 ms

Loss rate: 0.00%

-- Flow 1:

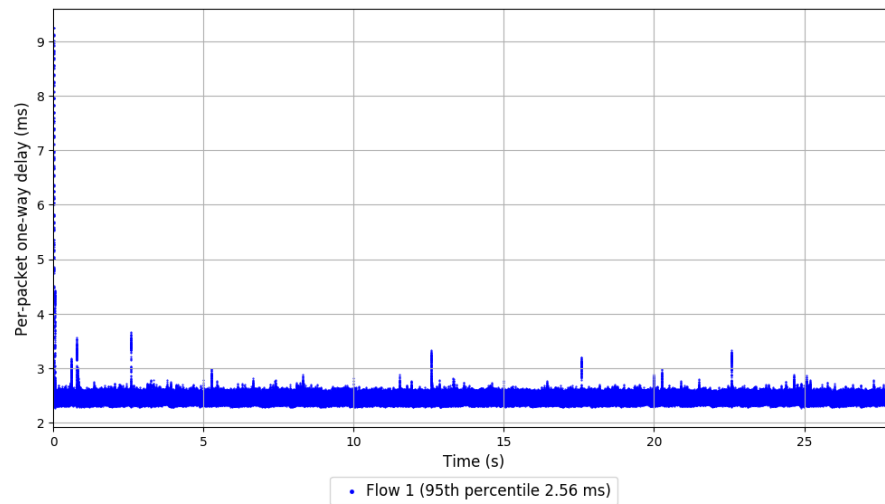
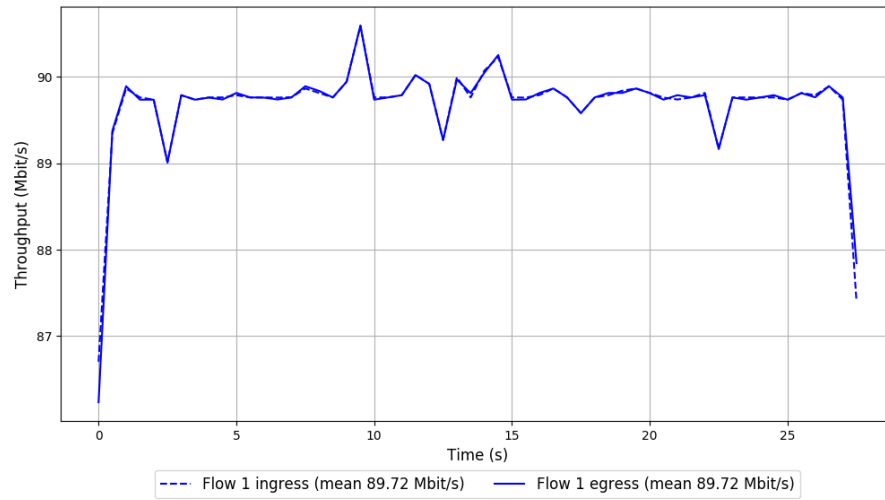
Average throughput: 89.72 Mbit/s

95th percentile per-packet one-way delay: 2.562 ms

Loss rate: 0.00%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-26 02:28:39

End at: 2018-01-26 02:29:09

Local clock offset: 0.504 ms

Remote clock offset: -0.432 ms

# Below is generated by plot.py at 2018-01-26 10:19:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.69 Mbit/s

95th percentile per-packet one-way delay: 2.563 ms

Loss rate: 0.00%

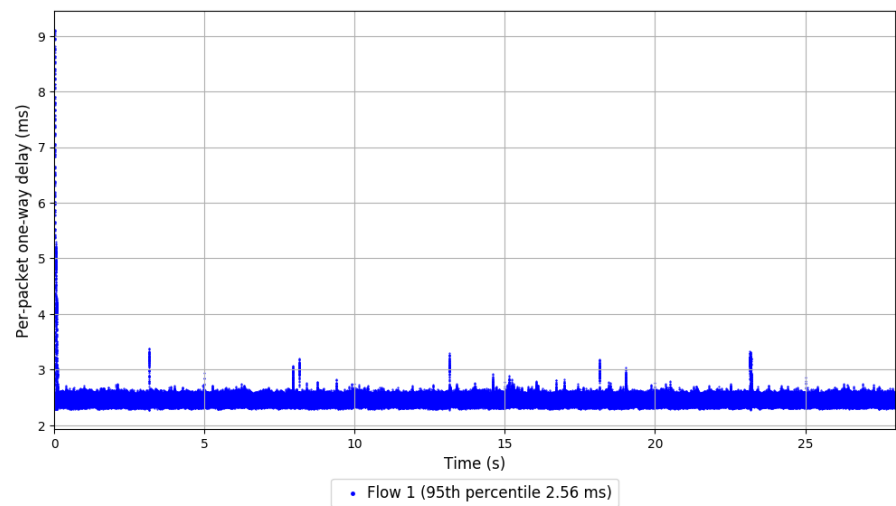
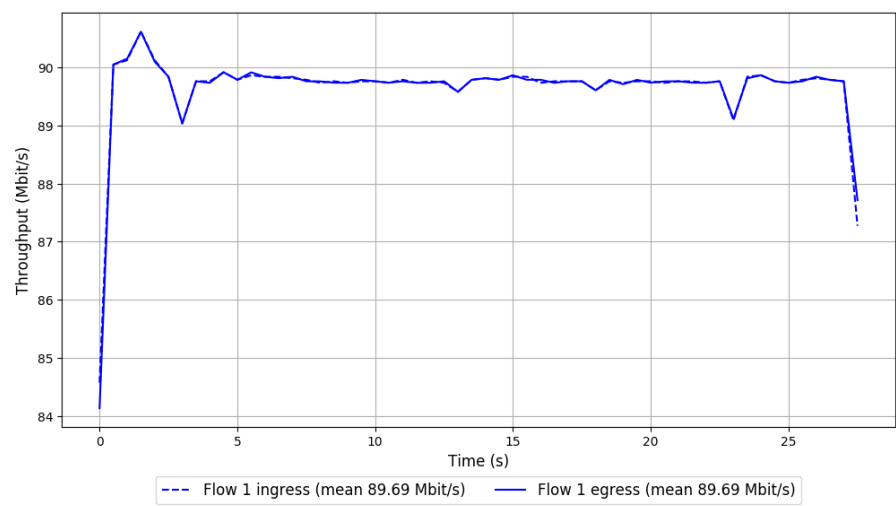
-- Flow 1:

Average throughput: 89.69 Mbit/s

95th percentile per-packet one-way delay: 2.563 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-01-25 23:45:22  
End at: 2018-01-25 23:45:52  
Local clock offset: -0.075 ms  
Remote clock offset: -0.388 ms

# Below is generated by plot.py at 2018-01-26 10:19:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.35 Mbit/s

95th percentile per-packet one-way delay: 3.714 ms

Loss rate: 0.00%

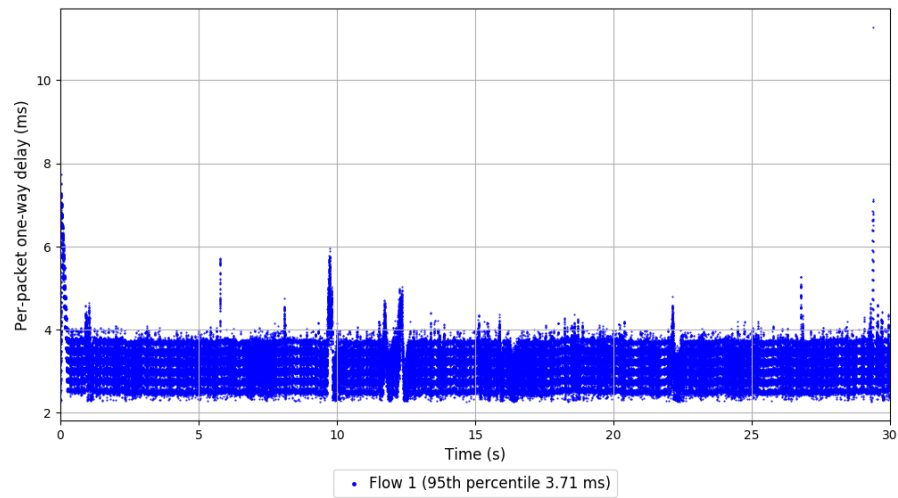
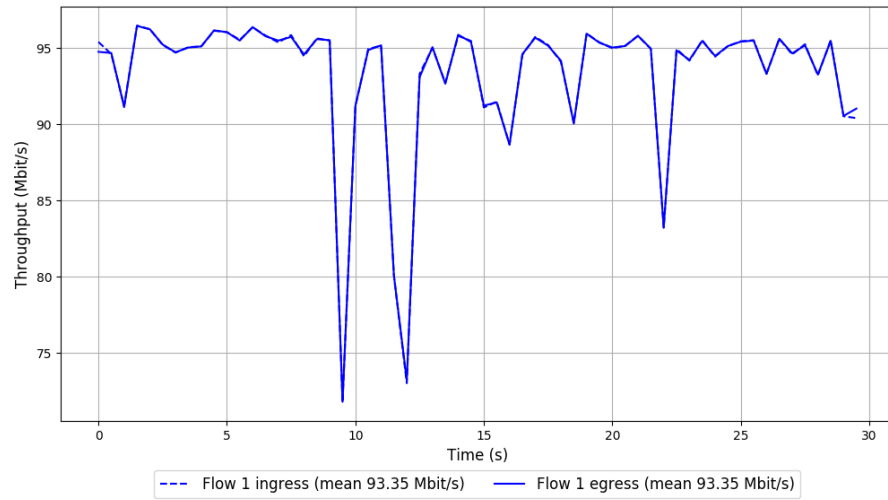
-- Flow 1:

Average throughput: 93.35 Mbit/s

95th percentile per-packet one-way delay: 3.714 ms

Loss rate: 0.00%

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

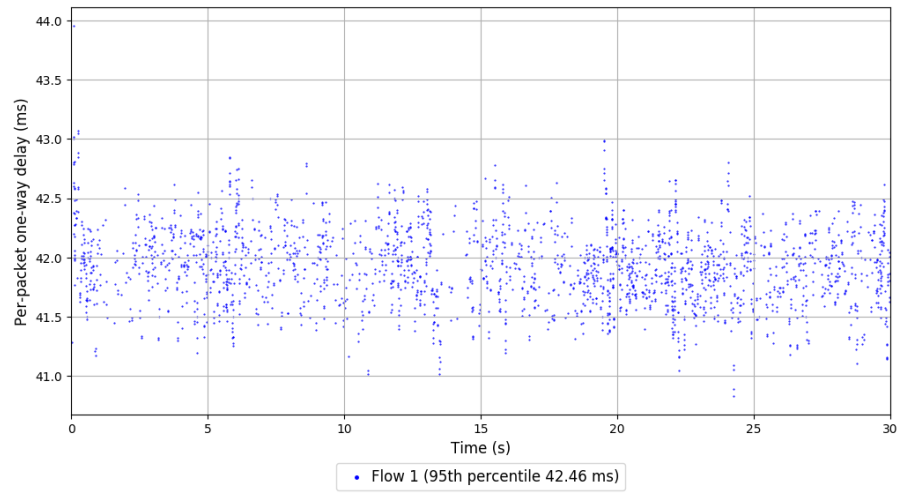
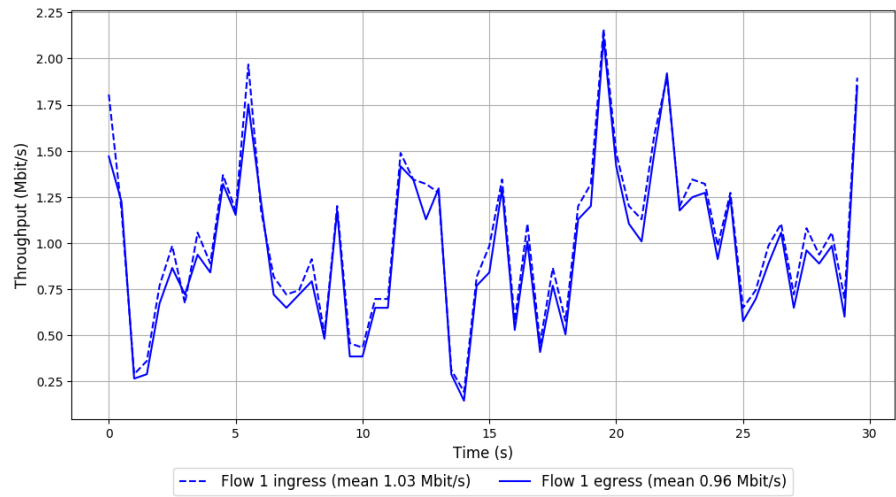


Run 2: Statistics of TCP Vegas

Start at: 2018-01-26 00:03:19  
End at: 2018-01-26 00:03:49  
Local clock offset: -0.02 ms  
Remote clock offset: -0.428 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.96 Mbit/s  
95th percentile per-packet one-way delay: 42.461 ms  
Loss rate: 6.56%  
-- Flow 1:  
Average throughput: 0.96 Mbit/s  
95th percentile per-packet one-way delay: 42.461 ms  
Loss rate: 6.56%

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



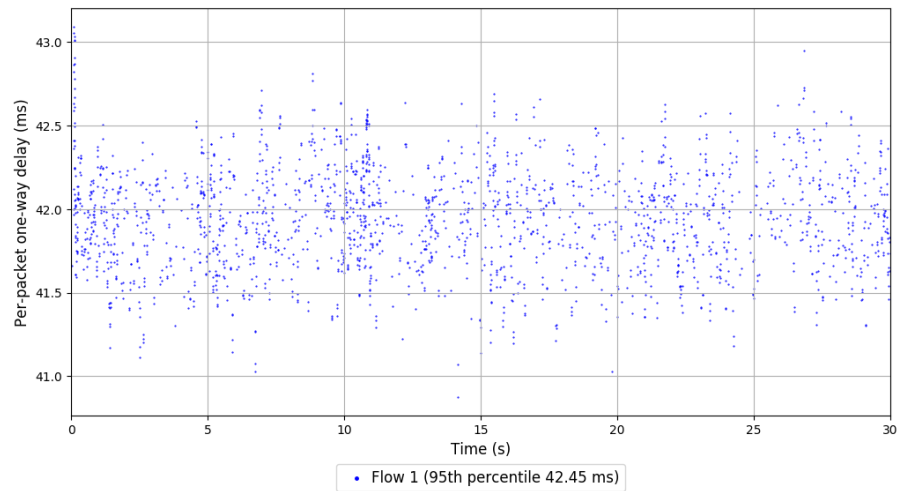
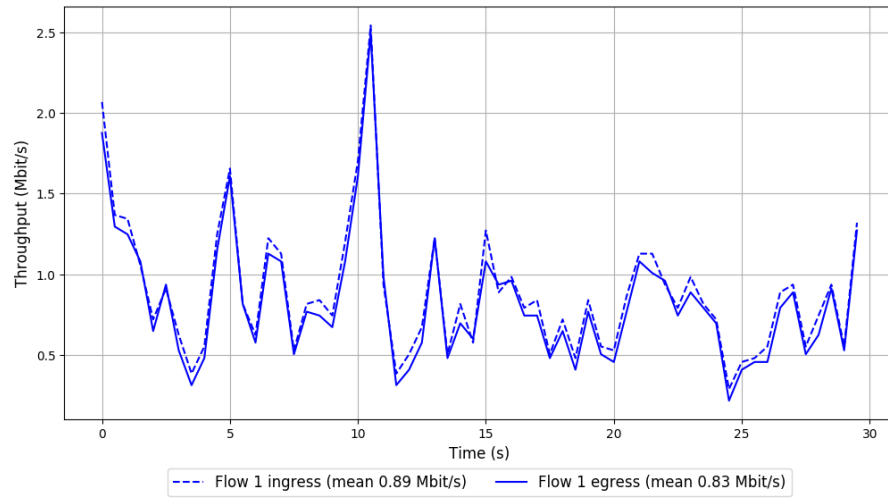
Run 3: Statistics of TCP Vegas

Start at: 2018-01-26 00:21:41  
End at: 2018-01-26 00:22:11  
Local clock offset: -0.057 ms  
Remote clock offset: -0.559 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.83 Mbit/s  
95th percentile per-packet one-way delay: 42.451 ms  
Loss rate: 6.68%  
-- Flow 1:  
Average throughput: 0.83 Mbit/s  
95th percentile per-packet one-way delay: 42.451 ms  
Loss rate: 6.68%



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

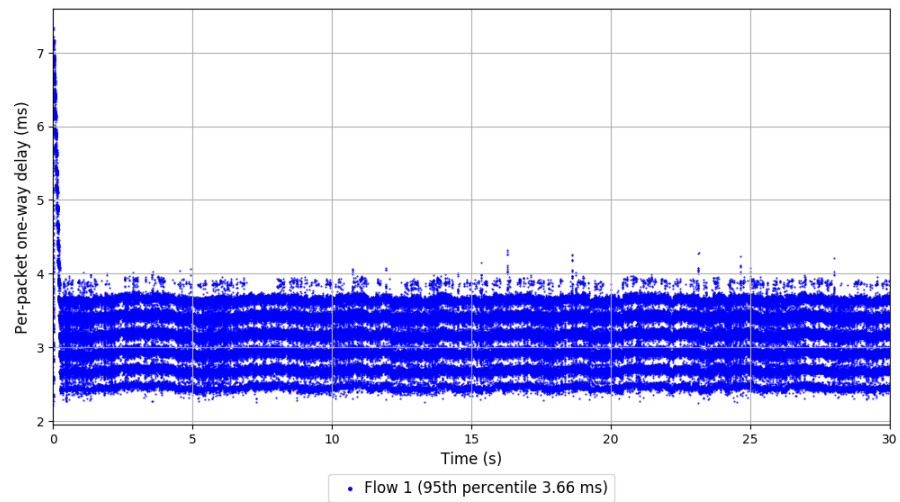
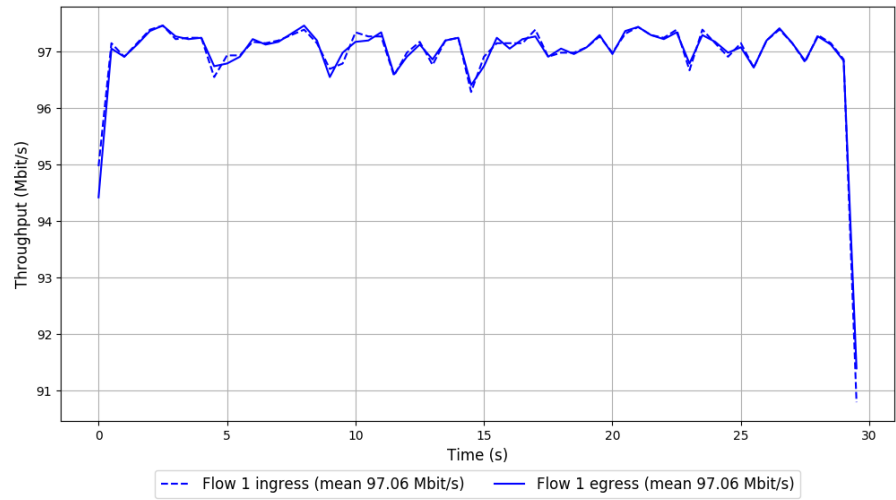


Run 4: Statistics of TCP Vegas

Start at: 2018-01-26 00:39:31  
End at: 2018-01-26 00:40:01  
Local clock offset: -0.032 ms  
Remote clock offset: -0.575 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 3.664 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 3.664 ms  
Loss rate: 0.00%

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

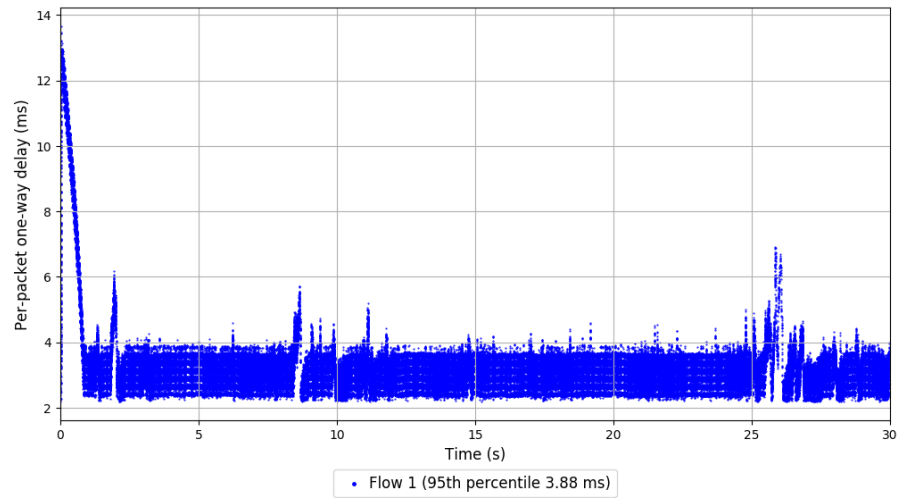
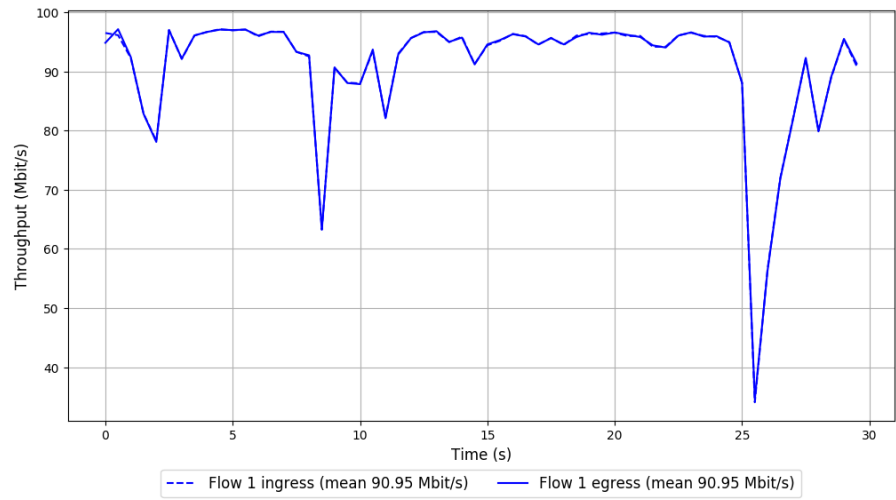


Run 5: Statistics of TCP Vegas

Start at: 2018-01-26 00:57:27  
End at: 2018-01-26 00:57:58  
Local clock offset: -0.035 ms  
Remote clock offset: -0.494 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.95 Mbit/s  
95th percentile per-packet one-way delay: 3.876 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.95 Mbit/s  
95th percentile per-packet one-way delay: 3.876 ms  
Loss rate: 0.00%

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

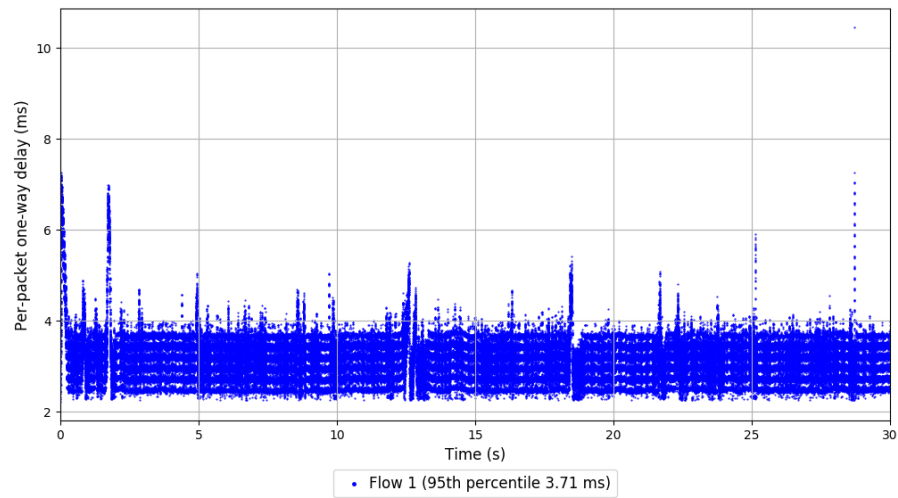
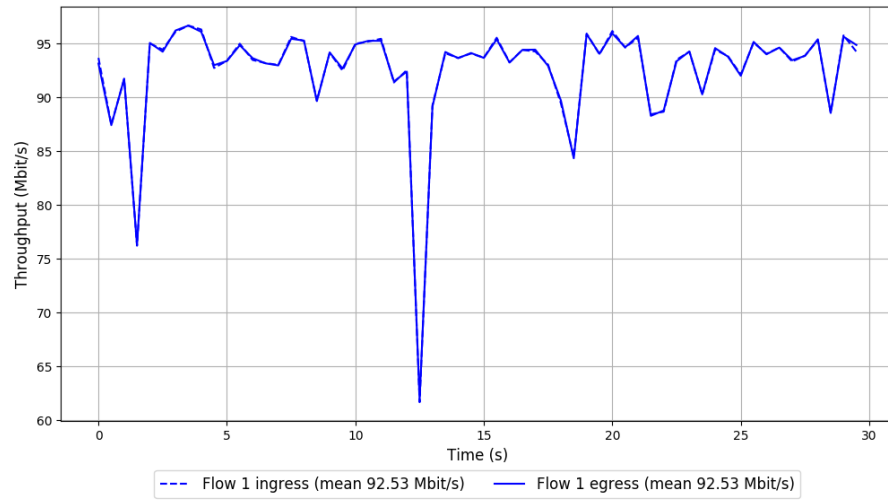


Run 6: Statistics of TCP Vegas

Start at: 2018-01-26 01:15:25  
End at: 2018-01-26 01:15:55  
Local clock offset: 0.1 ms  
Remote clock offset: -0.337 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.53 Mbit/s  
95th percentile per-packet one-way delay: 3.709 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.53 Mbit/s  
95th percentile per-packet one-way delay: 3.709 ms  
Loss rate: 0.00%

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



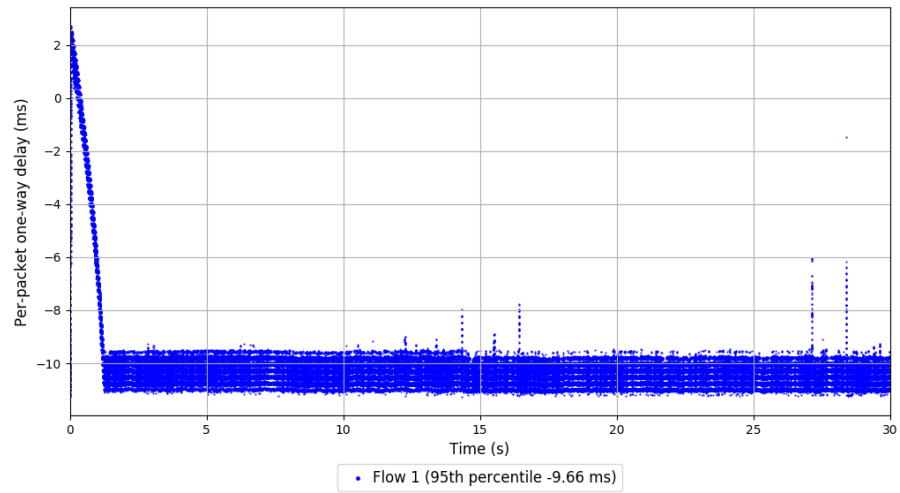
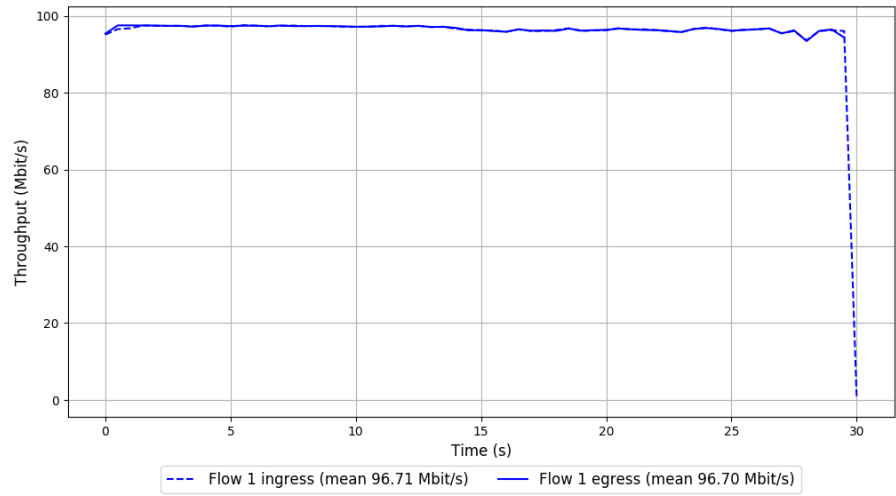
Run 7: Statistics of TCP Vegas

Start at: 2018-01-26 01:33:22  
End at: 2018-01-26 01:33:52  
Local clock offset: 0.246 ms  
Remote clock offset: -13.773 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.70 Mbit/s  
95th percentile per-packet one-way delay: -9.656 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.70 Mbit/s  
95th percentile per-packet one-way delay: -9.656 ms  
Loss rate: 0.00%



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

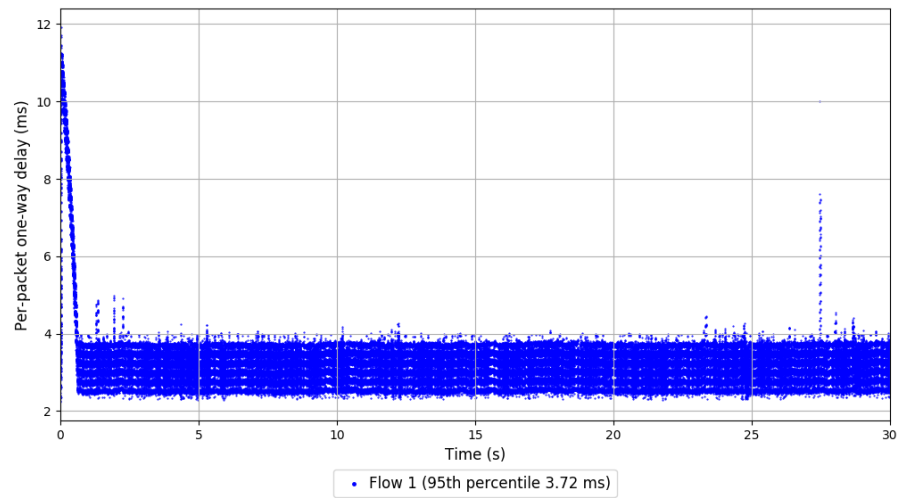
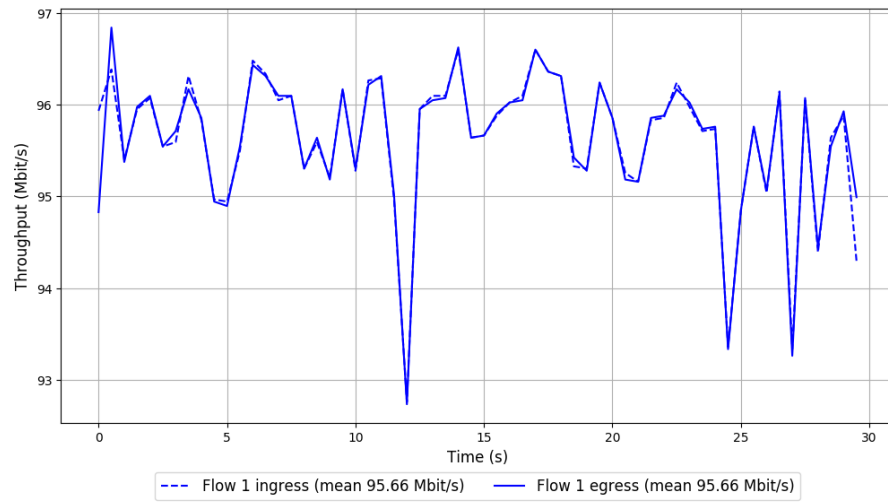


Run 8: Statistics of TCP Vegas

Start at: 2018-01-26 01:51:28  
End at: 2018-01-26 01:51:58  
Local clock offset: 0.411 ms  
Remote clock offset: -0.354 ms

# Below is generated by plot.py at 2018-01-26 10:19:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.66 Mbit/s  
95th percentile per-packet one-way delay: 3.724 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.66 Mbit/s  
95th percentile per-packet one-way delay: 3.724 ms  
Loss rate: 0.00%

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

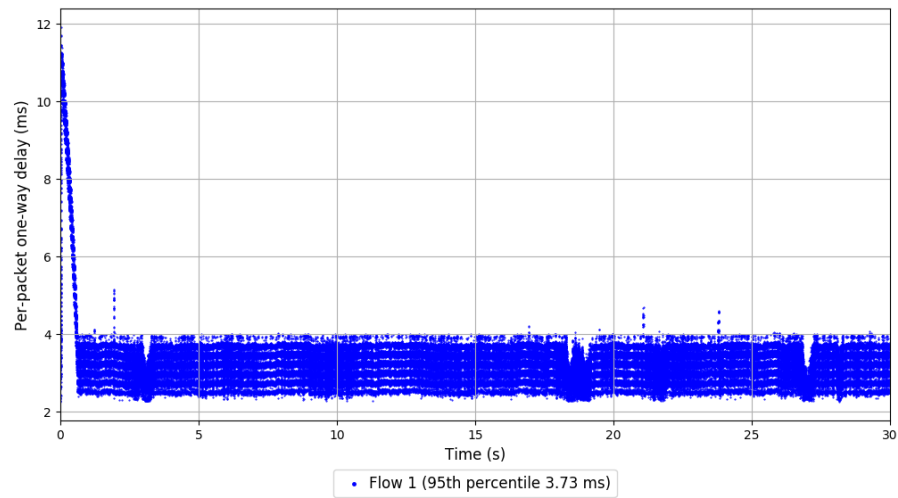
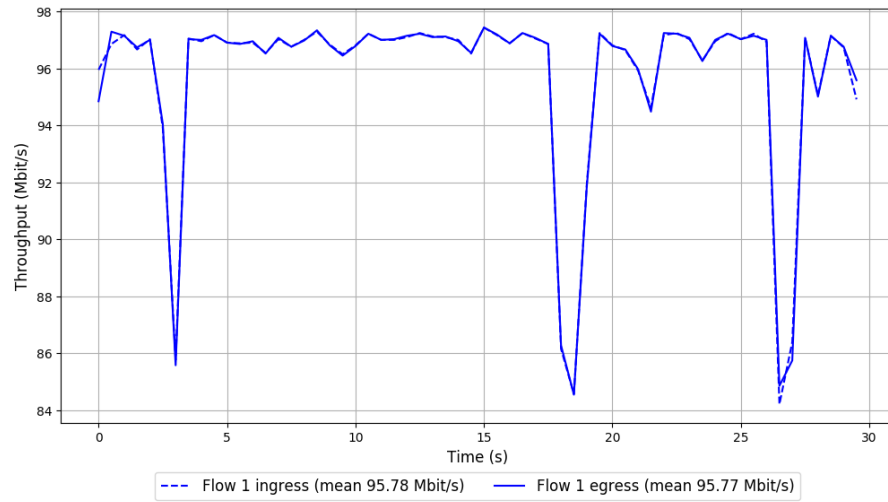


Run 9: Statistics of TCP Vegas

Start at: 2018-01-26 02:09:30  
End at: 2018-01-26 02:10:00  
Local clock offset: 0.492 ms  
Remote clock offset: -0.419 ms

# Below is generated by plot.py at 2018-01-26 10:19:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.77 Mbit/s  
95th percentile per-packet one-way delay: 3.729 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 95.77 Mbit/s  
95th percentile per-packet one-way delay: 3.729 ms  
Loss rate: 0.00%

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

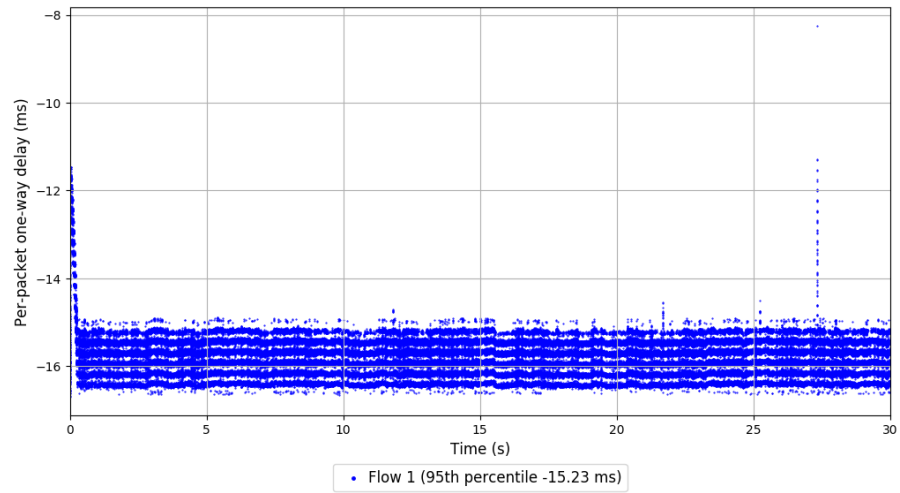
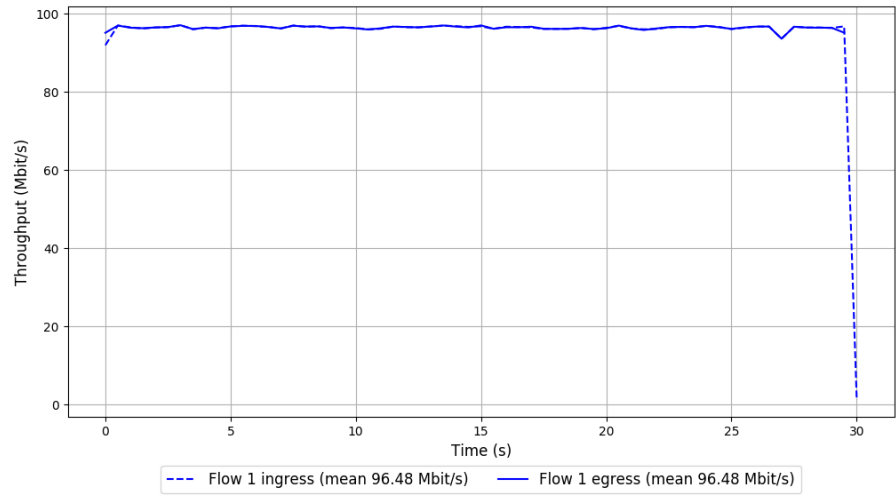


Run 10: Statistics of TCP Vegas

Start at: 2018-01-26 02:27:30  
End at: 2018-01-26 02:28:01  
Local clock offset: 0.427 ms  
Remote clock offset: -19.423 ms

# Below is generated by plot.py at 2018-01-26 10:20:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: -15.229 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.48 Mbit/s  
95th percentile per-packet one-way delay: -15.229 ms  
Loss rate: 0.00%

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



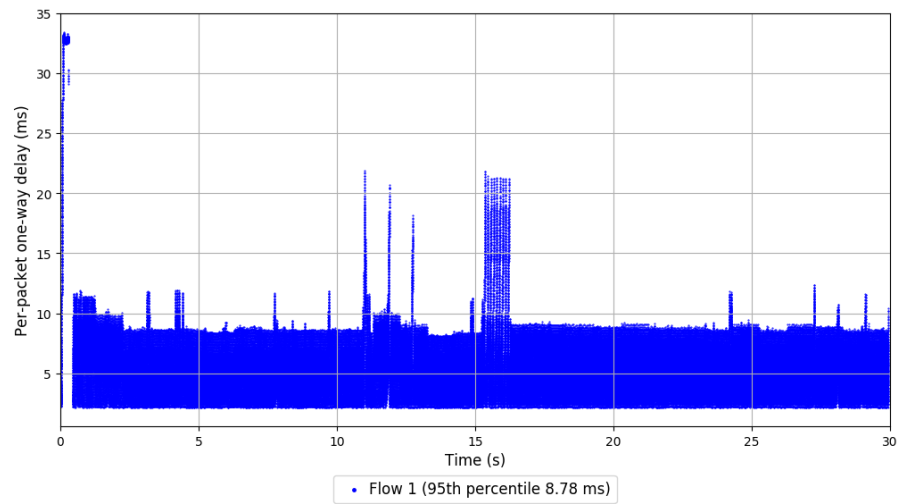
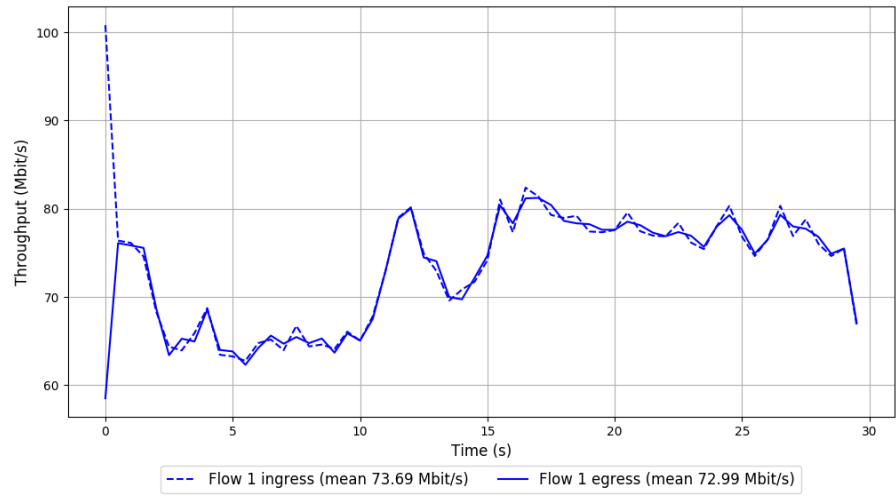
Run 1: Statistics of Verus

Start at: 2018-01-25 23:34:11  
End at: 2018-01-25 23:34:41  
Local clock offset: -0.018 ms  
Remote clock offset: -0.412 ms

# Below is generated by plot.py at 2018-01-26 10:20:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 72.99 Mbit/s  
95th percentile per-packet one-way delay: 8.779 ms  
Loss rate: 0.93%  
-- Flow 1:  
Average throughput: 72.99 Mbit/s  
95th percentile per-packet one-way delay: 8.779 ms  
Loss rate: 0.93%



# Run 1: Report of Verus — Data Link

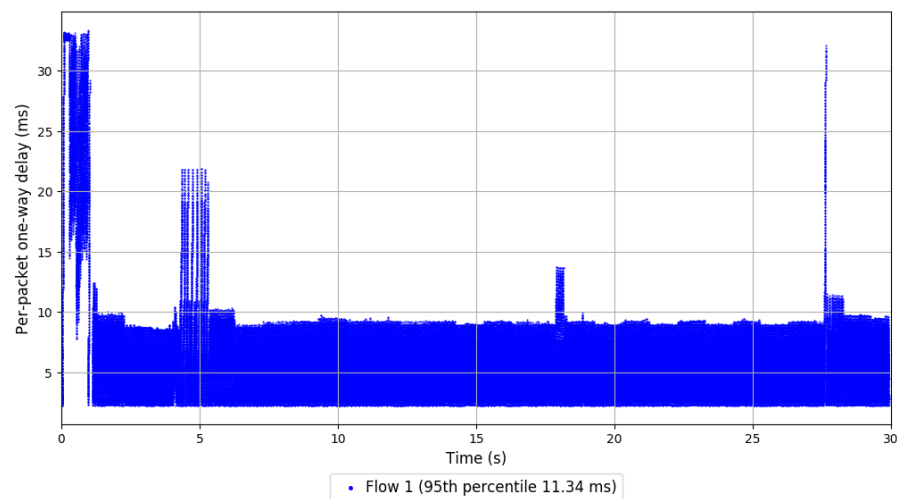
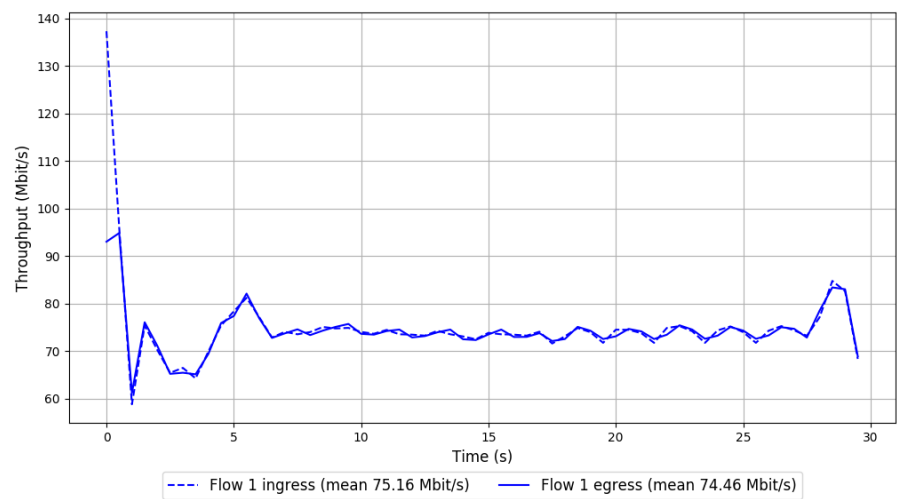


Run 2: Statistics of Verus

Start at: 2018-01-25 23:52:09  
End at: 2018-01-25 23:52:39  
Local clock offset: -0.055 ms  
Remote clock offset: -0.426 ms

# Below is generated by plot.py at 2018-01-26 10:20:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 74.46 Mbit/s  
95th percentile per-packet one-way delay: 11.336 ms  
Loss rate: 0.93%  
-- Flow 1:  
Average throughput: 74.46 Mbit/s  
95th percentile per-packet one-way delay: 11.336 ms  
Loss rate: 0.93%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-01-26 00:09:59

End at: 2018-01-26 00:10:29

Local clock offset: -0.032 ms

Remote clock offset: -0.57 ms

# Below is generated by plot.py at 2018-01-26 10:20:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.22 Mbit/s

95th percentile per-packet one-way delay: 9.068 ms

Loss rate: 0.93%

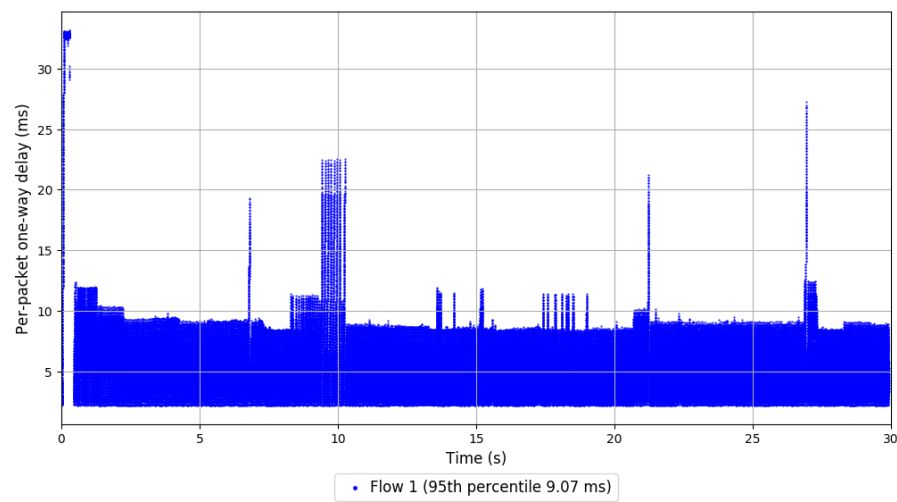
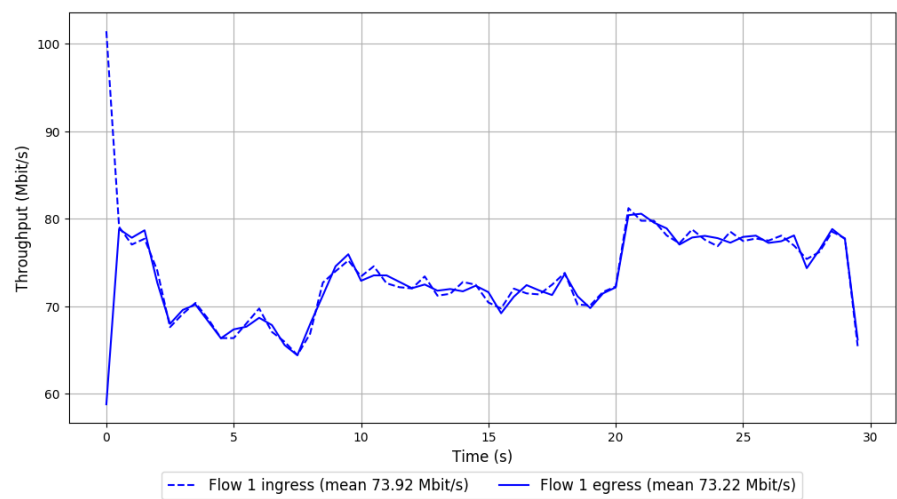
-- Flow 1:

Average throughput: 73.22 Mbit/s

95th percentile per-packet one-way delay: 9.068 ms

Loss rate: 0.93%

Run 3: Report of Verus — Data Link

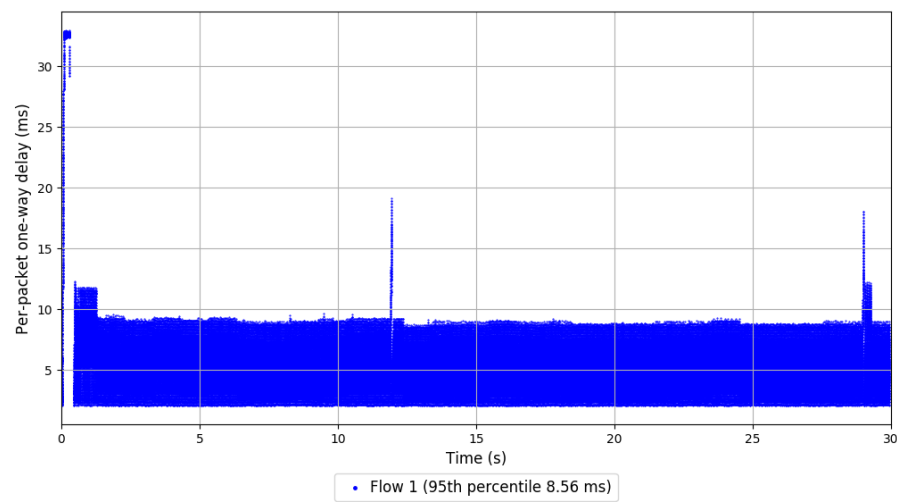
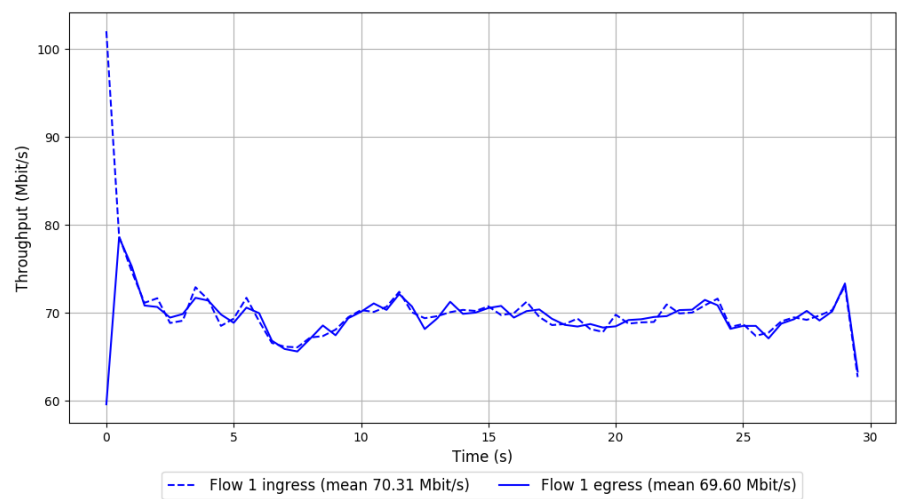


Run 4: Statistics of Verus

Start at: 2018-01-26 00:28:16  
End at: 2018-01-26 00:28:46  
Local clock offset: -0.103 ms  
Remote clock offset: -0.835 ms

# Below is generated by plot.py at 2018-01-26 10:20:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 69.60 Mbit/s  
95th percentile per-packet one-way delay: 8.559 ms  
Loss rate: 1.00%  
-- Flow 1:  
Average throughput: 69.60 Mbit/s  
95th percentile per-packet one-way delay: 8.559 ms  
Loss rate: 1.00%

Run 4: Report of Verus — Data Link



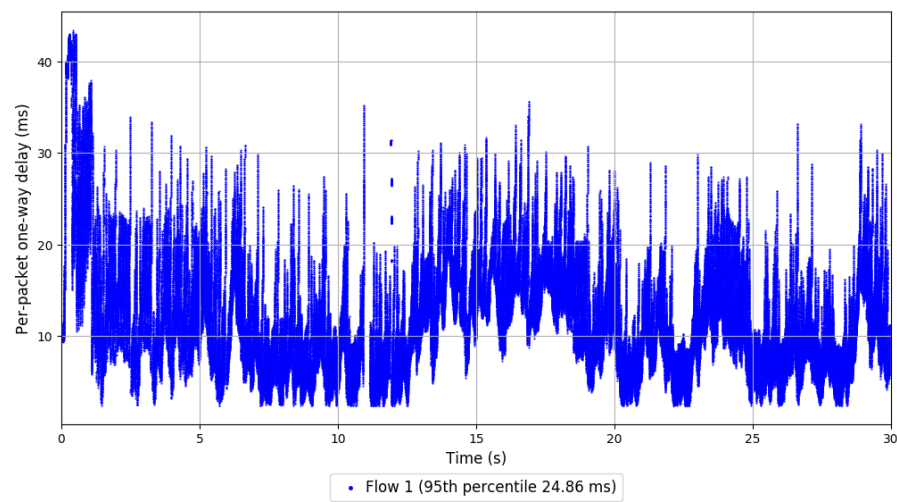
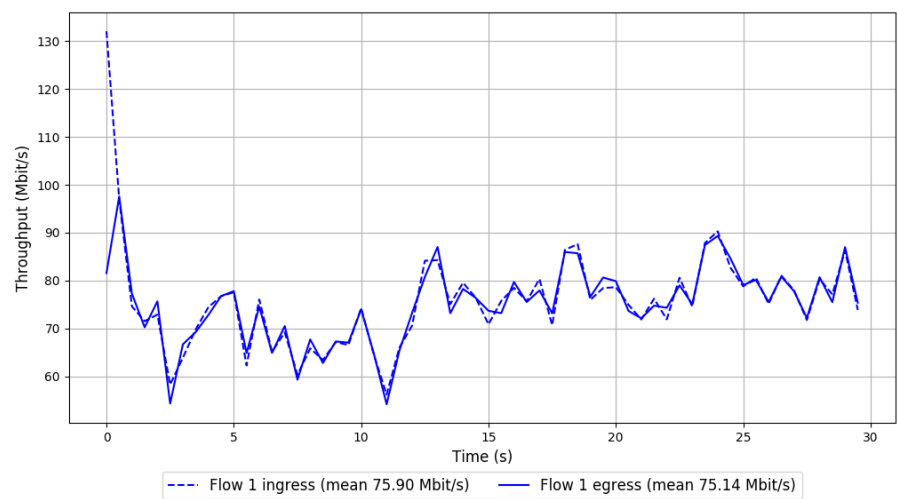
Run 5: Statistics of Verus

Start at: 2018-01-26 00:46:19  
End at: 2018-01-26 00:46:49  
Local clock offset: -0.11 ms  
Remote clock offset: -0.488 ms

# Below is generated by plot.py at 2018-01-26 10:20:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.14 Mbit/s  
95th percentile per-packet one-way delay: 24.857 ms  
Loss rate: 1.01%  
-- Flow 1:  
Average throughput: 75.14 Mbit/s  
95th percentile per-packet one-way delay: 24.857 ms  
Loss rate: 1.01%



Run 5: Report of Verus — Data Link

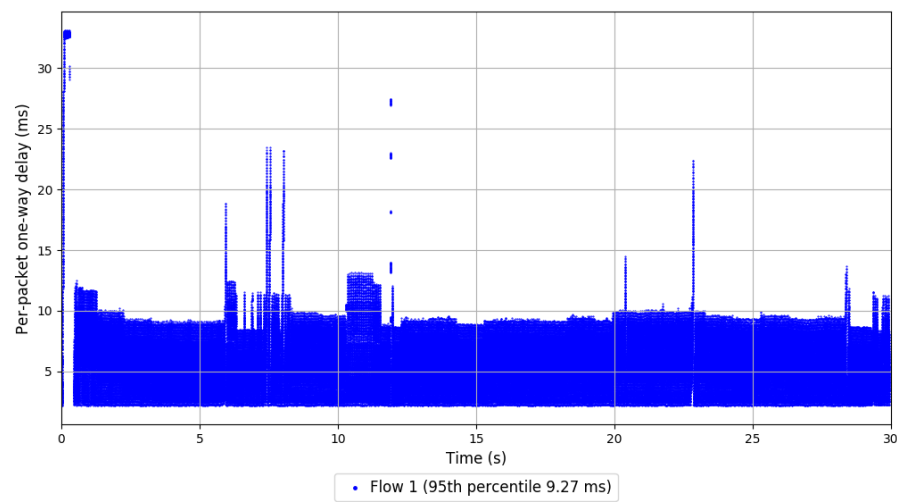
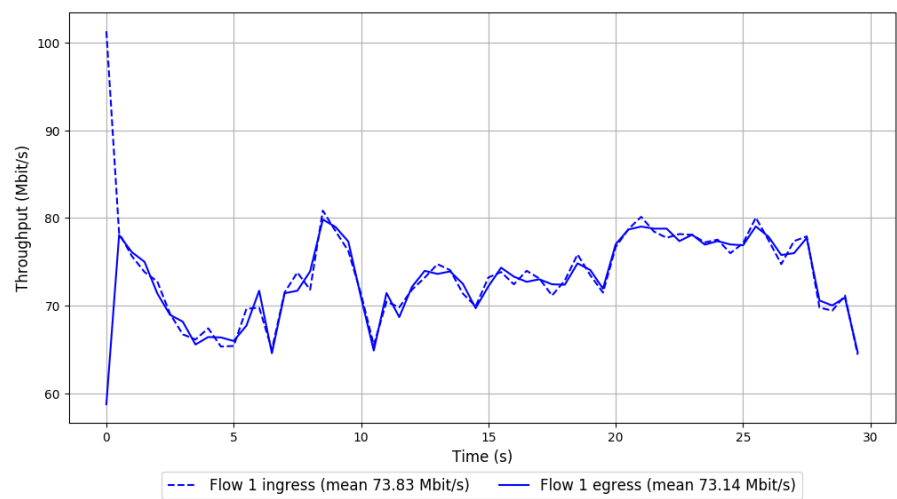


Run 6: Statistics of Verus

Start at: 2018-01-26 01:04:15  
End at: 2018-01-26 01:04:45  
Local clock offset: -0.0 ms  
Remote clock offset: -0.467 ms

# Below is generated by plot.py at 2018-01-26 10:20:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 73.14 Mbit/s  
95th percentile per-packet one-way delay: 9.271 ms  
Loss rate: 0.93%  
-- Flow 1:  
Average throughput: 73.14 Mbit/s  
95th percentile per-packet one-way delay: 9.271 ms  
Loss rate: 0.93%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

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

End at: 2018-01-26 01:22:39

Local clock offset: 0.099 ms

Remote clock offset: -0.25 ms

# Below is generated by plot.py at 2018-01-26 10:20:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.47 Mbit/s

95th percentile per-packet one-way delay: 8.872 ms

Loss rate: 0.92%

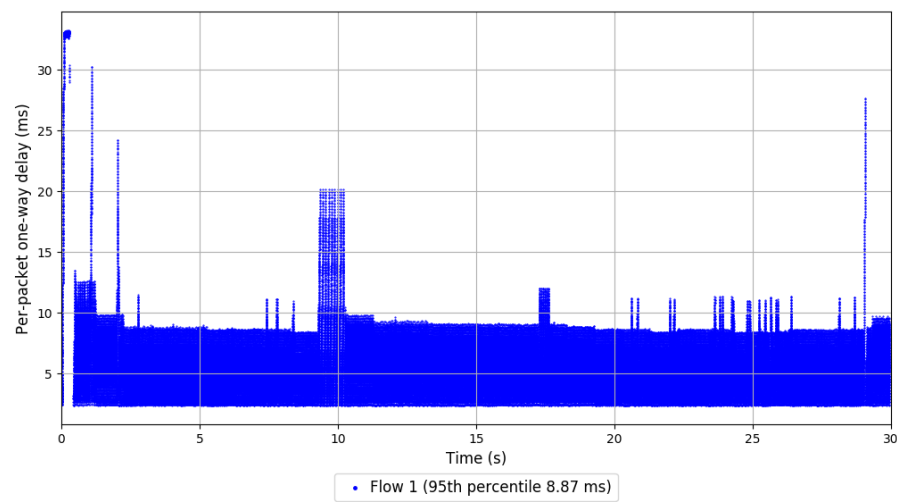
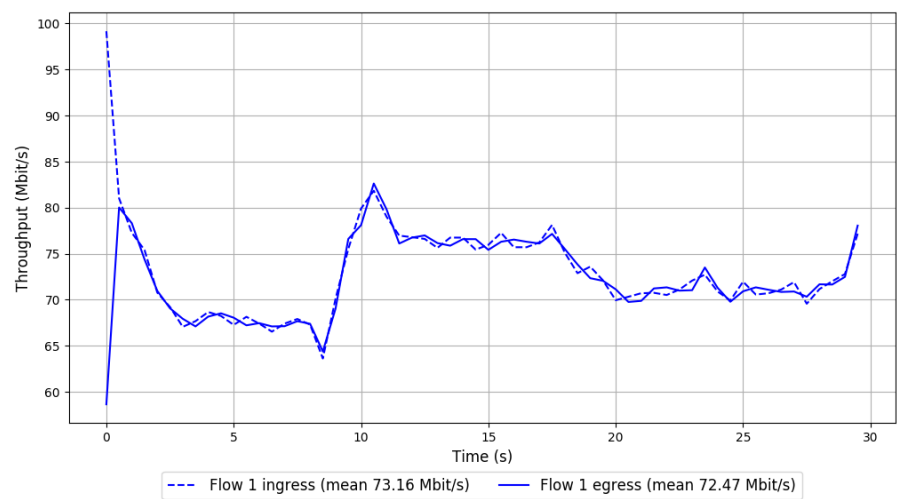
-- Flow 1:

Average throughput: 72.47 Mbit/s

95th percentile per-packet one-way delay: 8.872 ms

Loss rate: 0.92%

Run 7: Report of Verus — Data Link

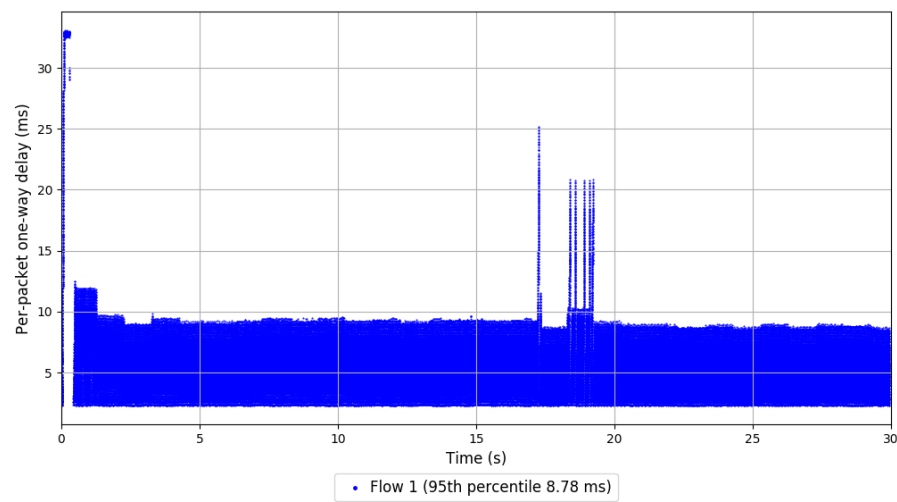
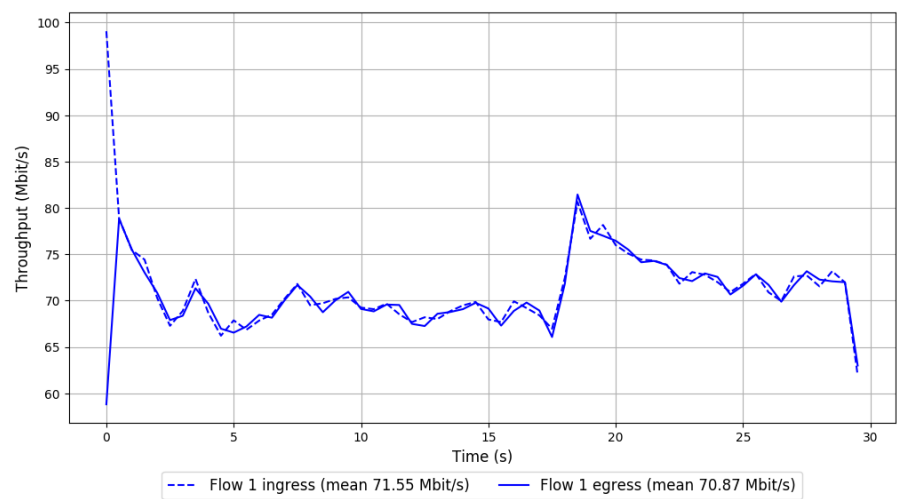


Run 8: Statistics of Verus

Start at: 2018-01-26 01:40:09  
End at: 2018-01-26 01:40:39  
Local clock offset: 0.303 ms  
Remote clock offset: -0.297 ms

# Below is generated by plot.py at 2018-01-26 10:20:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.87 Mbit/s  
95th percentile per-packet one-way delay: 8.777 ms  
Loss rate: 0.94%  
-- Flow 1:  
Average throughput: 70.87 Mbit/s  
95th percentile per-packet one-way delay: 8.777 ms  
Loss rate: 0.94%

Run 8: Report of Verus — Data Link



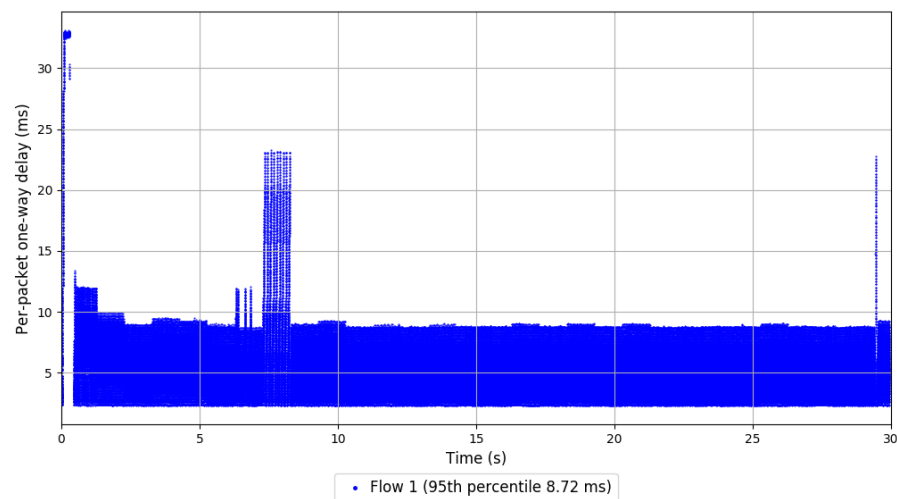
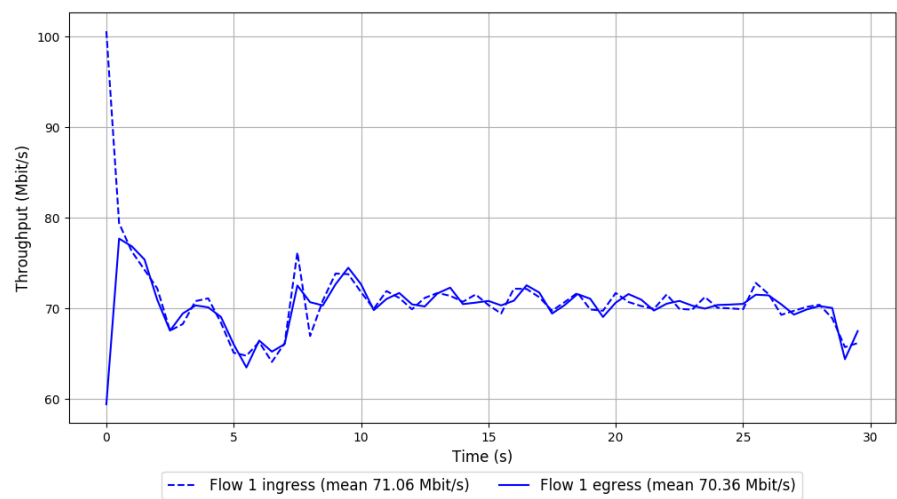
Run 9: Statistics of Verus

Start at: 2018-01-26 01:58:16  
End at: 2018-01-26 01:58:46  
Local clock offset: 0.466 ms  
Remote clock offset: -0.408 ms

# Below is generated by plot.py at 2018-01-26 10:20:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.36 Mbit/s  
95th percentile per-packet one-way delay: 8.721 ms  
Loss rate: 0.97%  
-- Flow 1:  
Average throughput: 70.36 Mbit/s  
95th percentile per-packet one-way delay: 8.721 ms  
Loss rate: 0.97%



Run 9: Report of Verus — Data Link

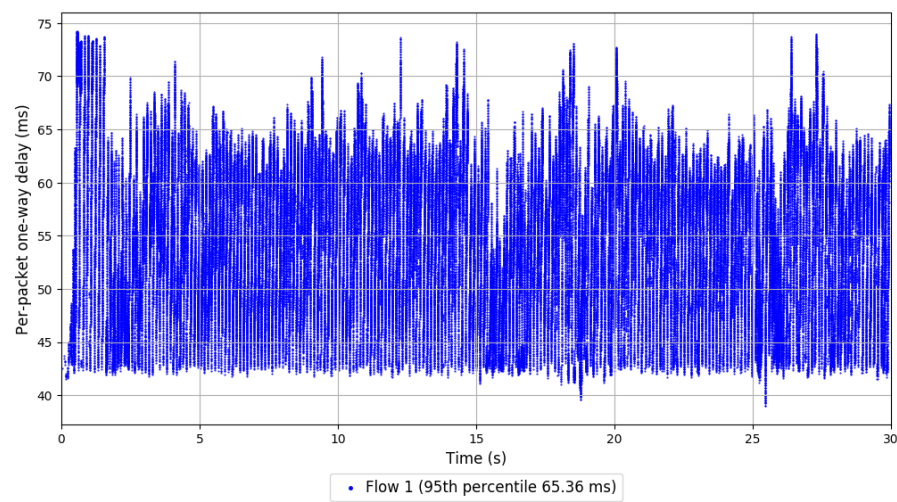
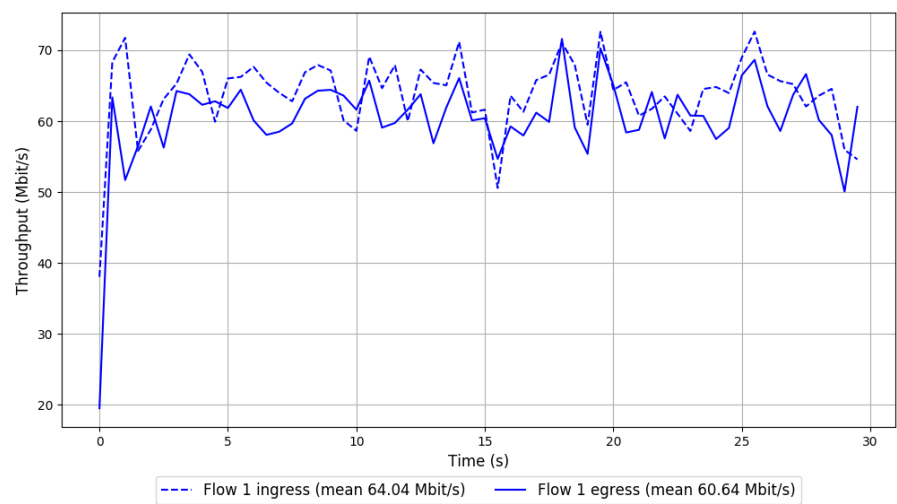


Run 10: Statistics of Verus

Start at: 2018-01-26 02:16:17  
End at: 2018-01-26 02:16:47  
Local clock offset: 0.49 ms  
Remote clock offset: -0.512 ms

# Below is generated by plot.py at 2018-01-26 10:20:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 60.64 Mbit/s  
95th percentile per-packet one-way delay: 65.361 ms  
Loss rate: 5.27%  
-- Flow 1:  
Average throughput: 60.64 Mbit/s  
95th percentile per-packet one-way delay: 65.361 ms  
Loss rate: 5.27%

Run 10: Report of Verus — Data Link

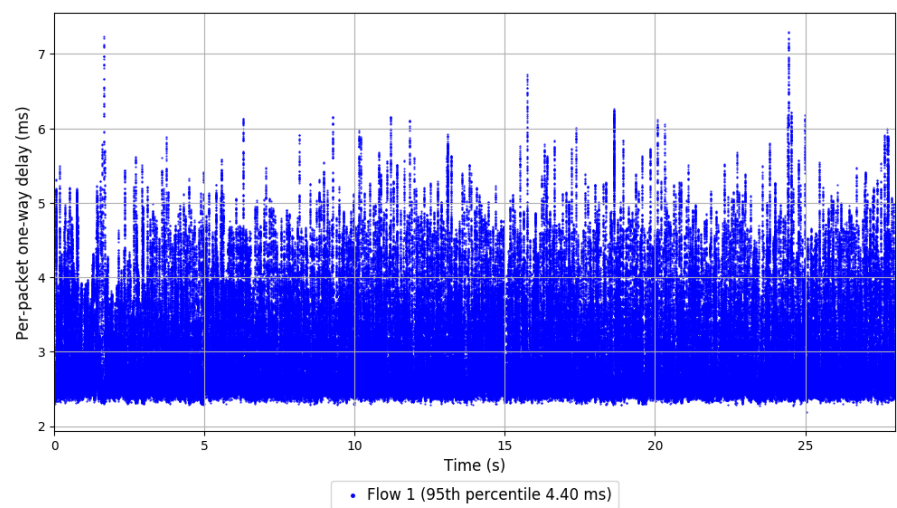
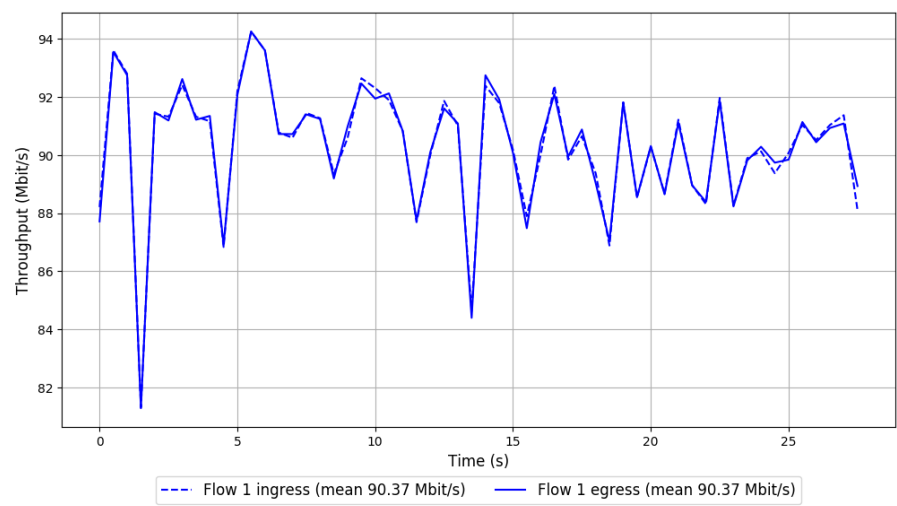


Run 1: Statistics of Copa

Start at: 2018-01-25 23:38:45  
End at: 2018-01-25 23:39:15  
Local clock offset: -0.01 ms  
Remote clock offset: -0.289 ms

# Below is generated by plot.py at 2018-01-26 10:22:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.37 Mbit/s  
95th percentile per-packet one-way delay: 4.404 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.37 Mbit/s  
95th percentile per-packet one-way delay: 4.404 ms  
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

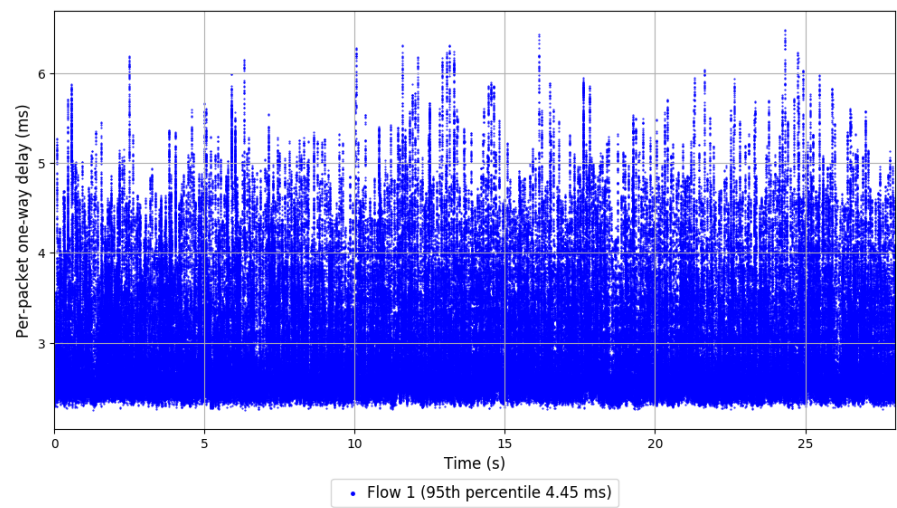
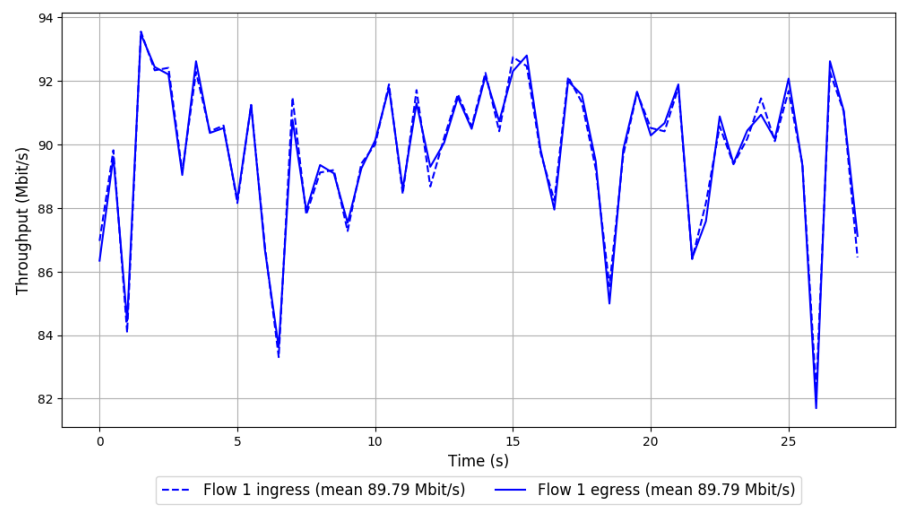


Run 2: Statistics of Copa

Start at: 2018-01-25 23:56:39  
End at: 2018-01-25 23:57:09  
Local clock offset: -0.007 ms  
Remote clock offset: -0.392 ms

# Below is generated by plot.py at 2018-01-26 10:22:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.79 Mbit/s  
95th percentile per-packet one-way delay: 4.451 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 89.79 Mbit/s  
95th percentile per-packet one-way delay: 4.451 ms  
Loss rate: 0.00%

Run 2: Report of Copa — Data Link



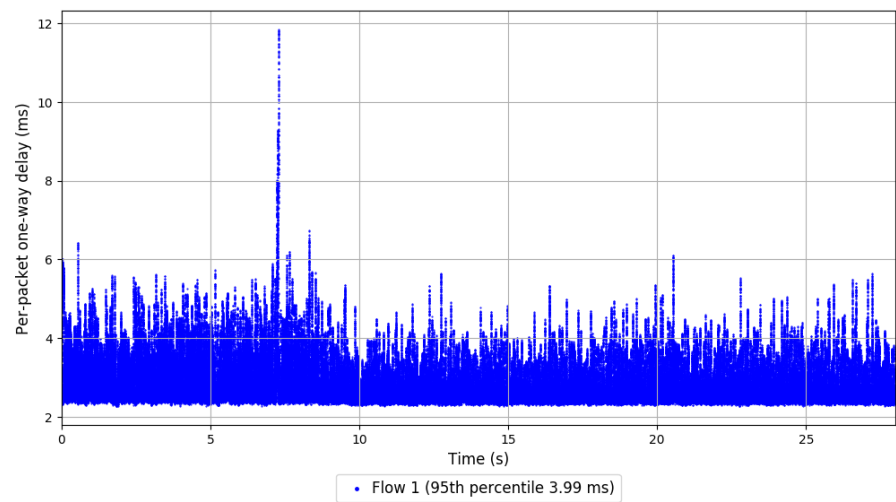
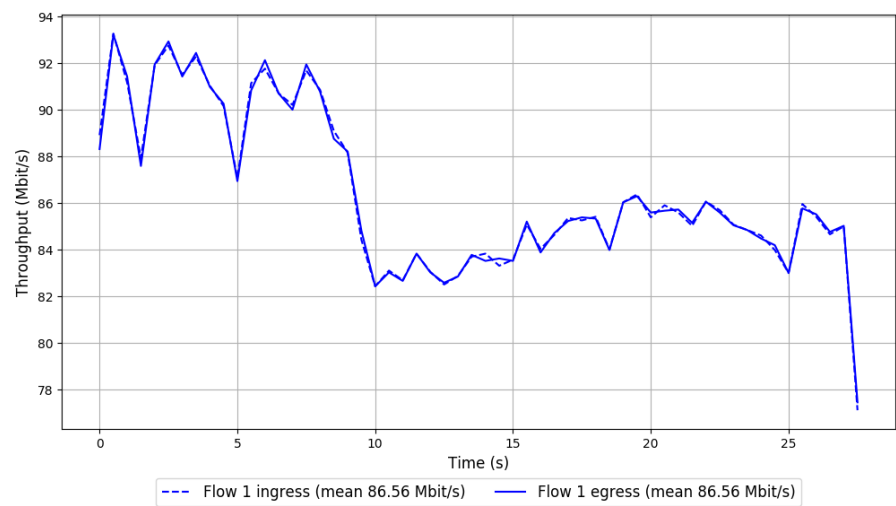
Run 3: Statistics of Copa

Start at: 2018-01-26 00:14:29  
End at: 2018-01-26 00:14:59  
Local clock offset: -0.032 ms  
Remote clock offset: -0.482 ms

# Below is generated by plot.py at 2018-01-26 10:22:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.56 Mbit/s  
95th percentile per-packet one-way delay: 3.989 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 86.56 Mbit/s  
95th percentile per-packet one-way delay: 3.989 ms  
Loss rate: 0.00%



Run 3: Report of Copa — Data Link

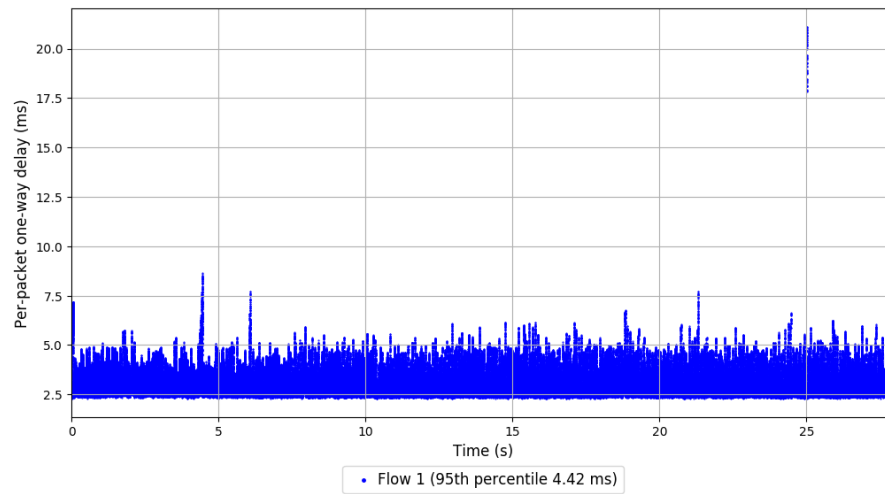
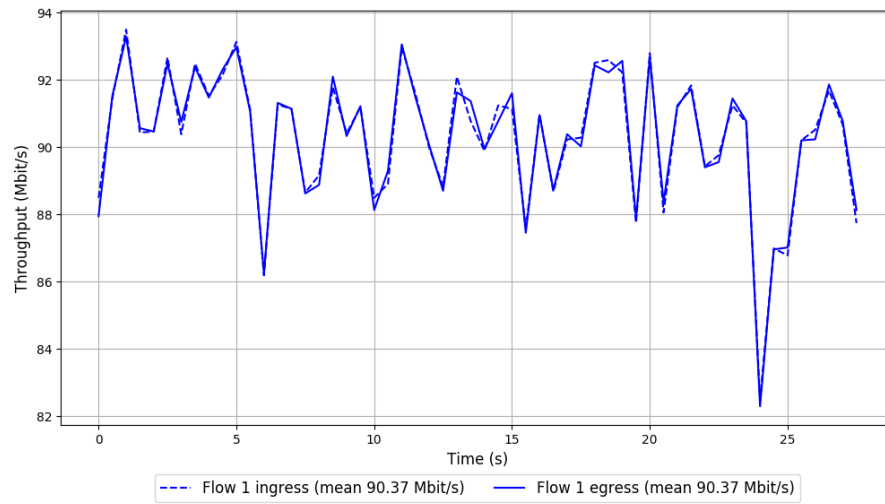


Run 4: Statistics of Copa

Start at: 2018-01-26 00:32:47  
End at: 2018-01-26 00:33:17  
Local clock offset: -0.103 ms  
Remote clock offset: -0.601 ms

# Below is generated by plot.py at 2018-01-26 10:22:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.37 Mbit/s  
95th percentile per-packet one-way delay: 4.418 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.37 Mbit/s  
95th percentile per-packet one-way delay: 4.418 ms  
Loss rate: 0.00%

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

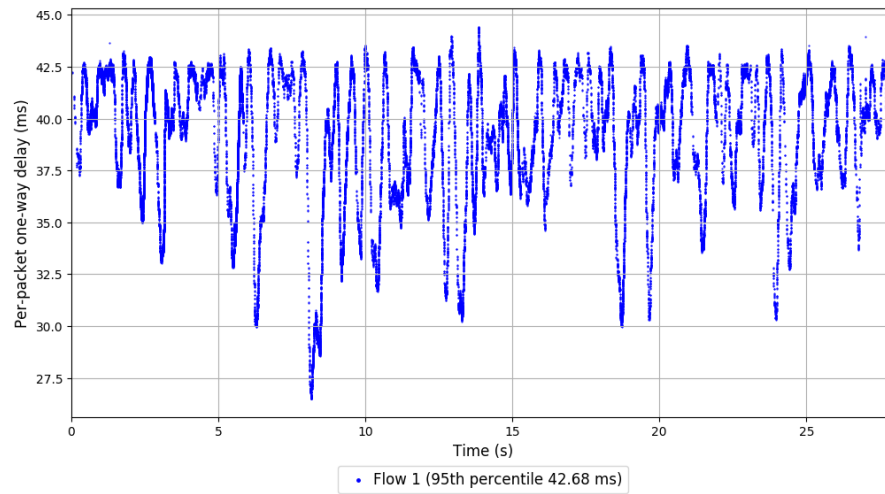
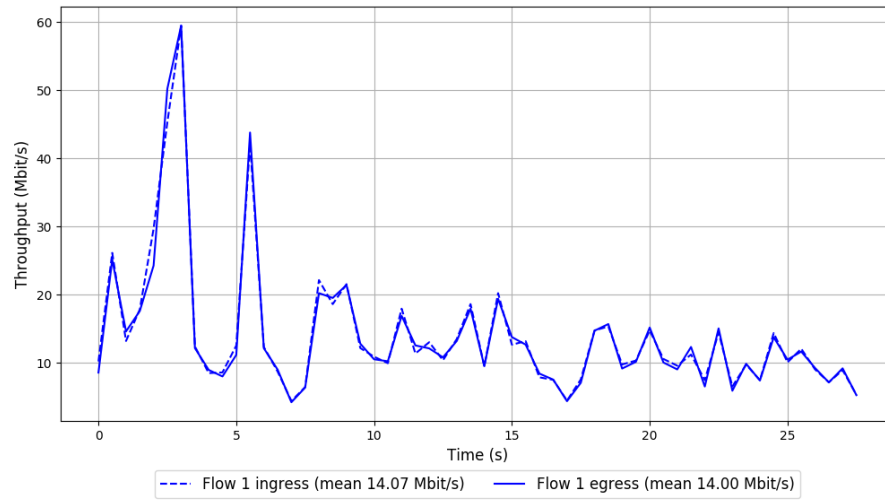


Run 5: Statistics of Copa

Start at: 2018-01-26 00:50:49  
End at: 2018-01-26 00:51:19  
Local clock offset: -0.043 ms  
Remote clock offset: -0.448 ms

# Below is generated by plot.py at 2018-01-26 10:22:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 14.00 Mbit/s  
95th percentile per-packet one-way delay: 42.679 ms  
Loss rate: 0.69%  
-- Flow 1:  
Average throughput: 14.00 Mbit/s  
95th percentile per-packet one-way delay: 42.679 ms  
Loss rate: 0.69%

### Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-01-26 01:08:41

End at: 2018-01-26 01:09:11

Local clock offset: 0.05 ms

Remote clock offset: -0.42 ms

# Below is generated by plot.py at 2018-01-26 10:23:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.05 Mbit/s

95th percentile per-packet one-way delay: 31.602 ms

Loss rate: 0.03%

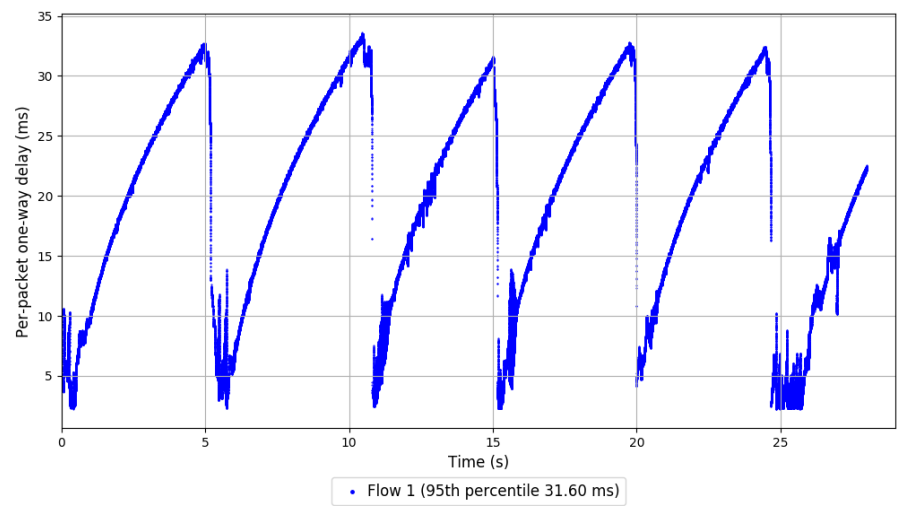
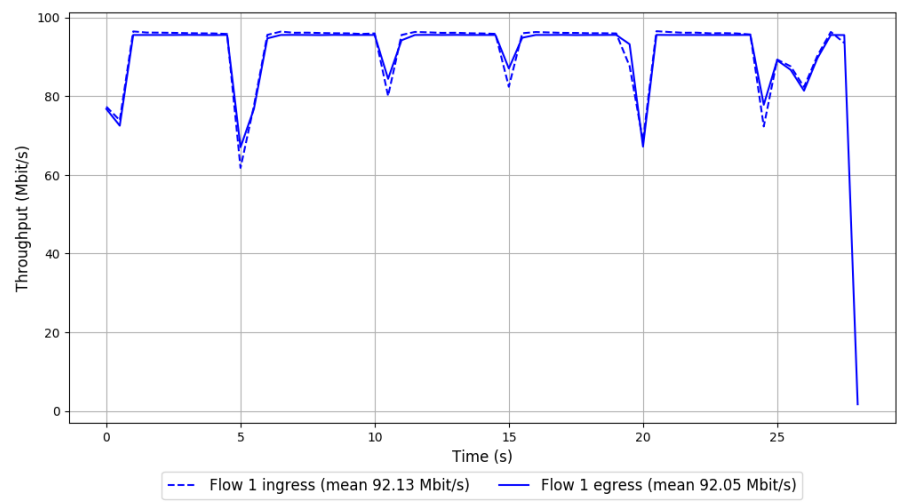
-- Flow 1:

Average throughput: 92.05 Mbit/s

95th percentile per-packet one-way delay: 31.602 ms

Loss rate: 0.03%

Run 6: Report of Copa — Data Link



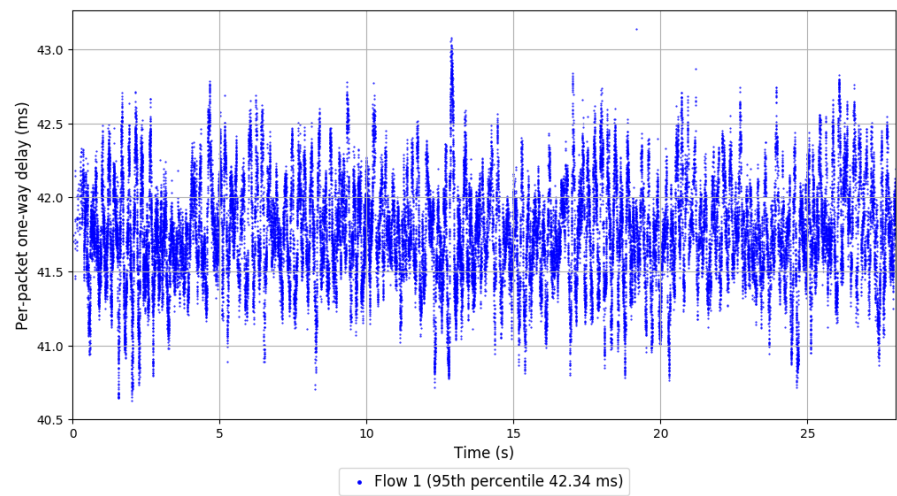
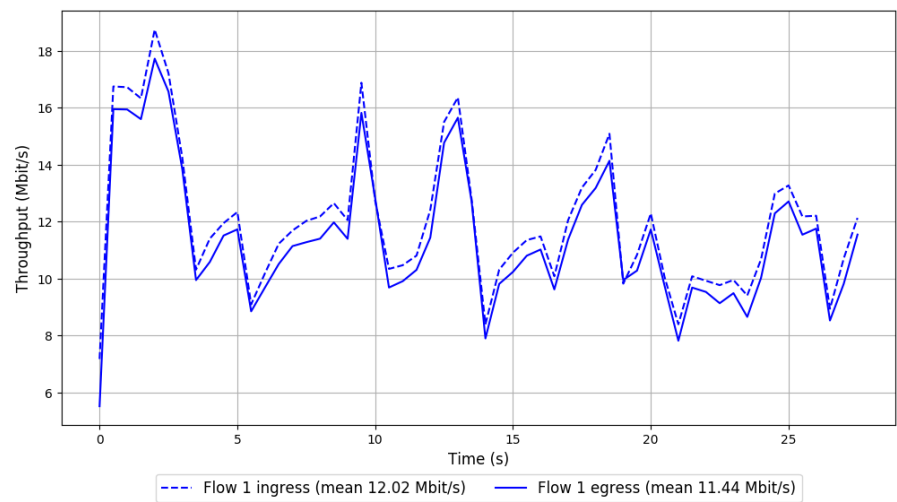
Run 7: Statistics of Copa

Start at: 2018-01-26 01:26:43  
End at: 2018-01-26 01:27:13  
Local clock offset: 0.184 ms  
Remote clock offset: -0.243 ms

# Below is generated by plot.py at 2018-01-26 10:23:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 11.44 Mbit/s  
95th percentile per-packet one-way delay: 42.345 ms  
Loss rate: 5.01%  
-- Flow 1:  
Average throughput: 11.44 Mbit/s  
95th percentile per-packet one-way delay: 42.345 ms  
Loss rate: 5.01%



Run 7: Report of Copa — Data Link

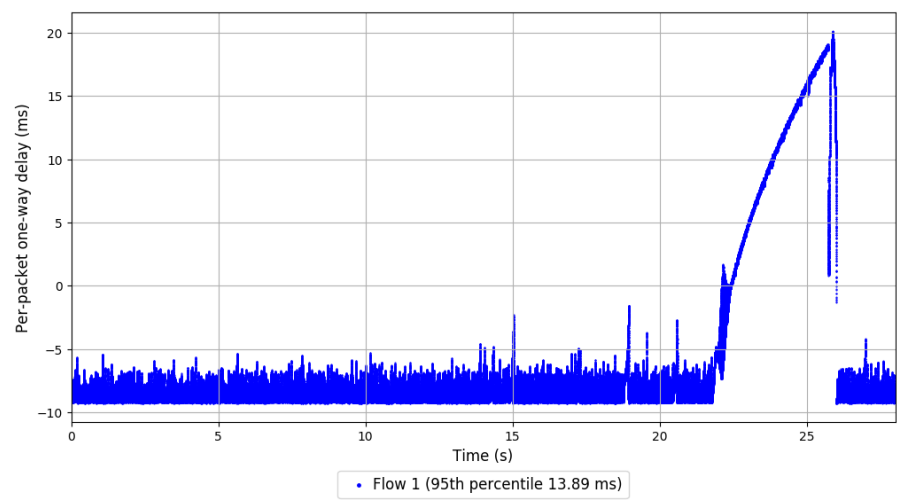
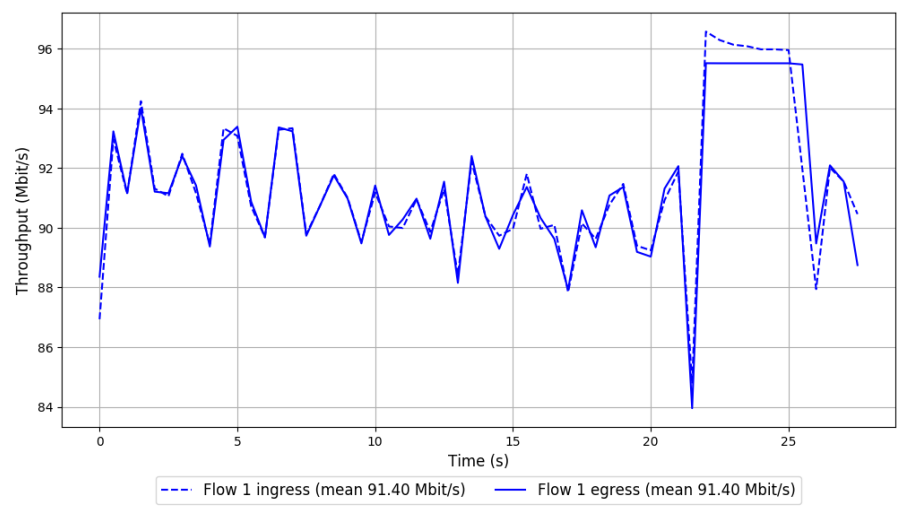


Run 8: Statistics of Copa

Start at: 2018-01-26 01:44:43  
End at: 2018-01-26 01:45:13  
Local clock offset: 0.362 ms  
Remote clock offset: -11.874 ms

# Below is generated by plot.py at 2018-01-26 10:23:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.40 Mbit/s  
95th percentile per-packet one-way delay: 13.895 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.40 Mbit/s  
95th percentile per-packet one-way delay: 13.895 ms  
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

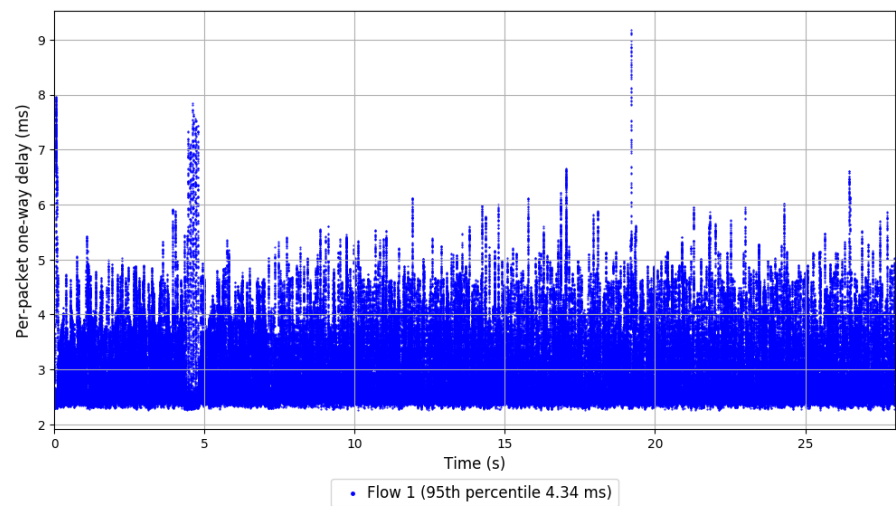
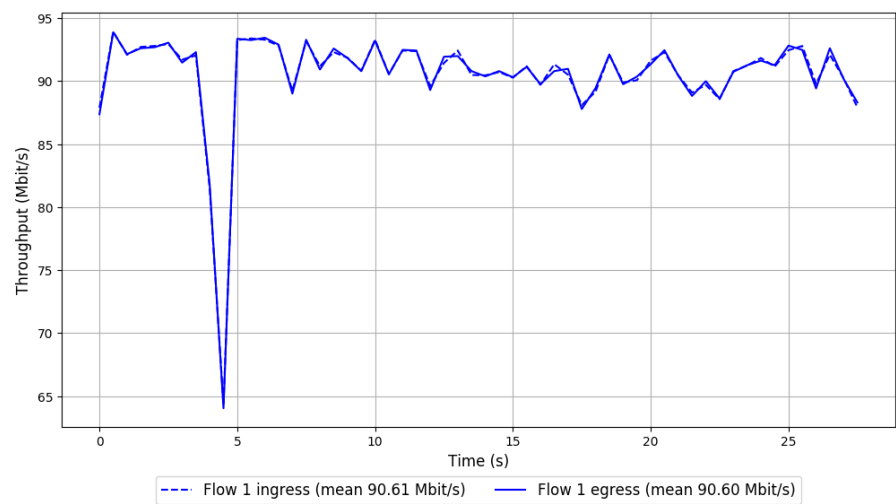


Run 9: Statistics of Copa

Start at: 2018-01-26 02:02:46  
End at: 2018-01-26 02:03:16  
Local clock offset: 0.479 ms  
Remote clock offset: -0.405 ms

# Below is generated by plot.py at 2018-01-26 10:23:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.60 Mbit/s  
95th percentile per-packet one-way delay: 4.342 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 90.60 Mbit/s  
95th percentile per-packet one-way delay: 4.342 ms  
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

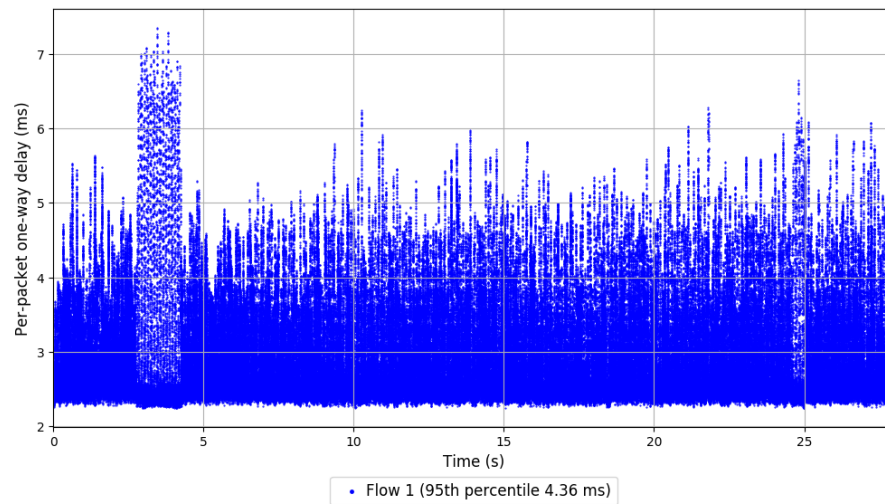
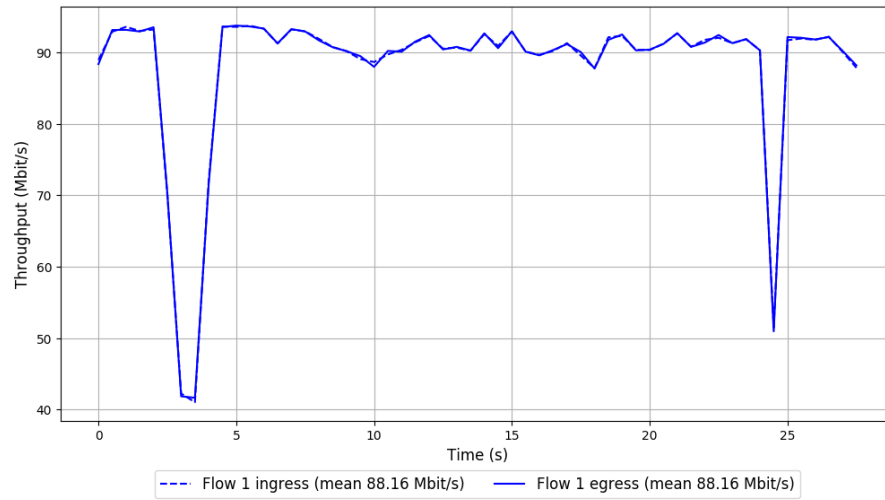


Run 10: Statistics of Copa

Start at: 2018-01-26 02:20:46  
End at: 2018-01-26 02:21:16  
Local clock offset: 0.513 ms  
Remote clock offset: -0.428 ms

# Below is generated by plot.py at 2018-01-26 10:23:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.16 Mbit/s  
95th percentile per-packet one-way delay: 4.364 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 88.16 Mbit/s  
95th percentile per-packet one-way delay: 4.364 ms  
Loss rate: 0.00%

# Run 10: Report of Copa — Data Link



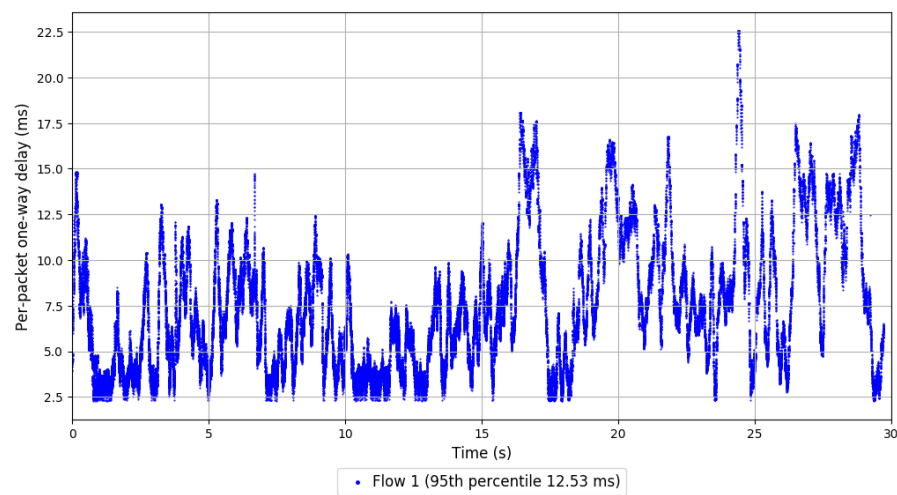
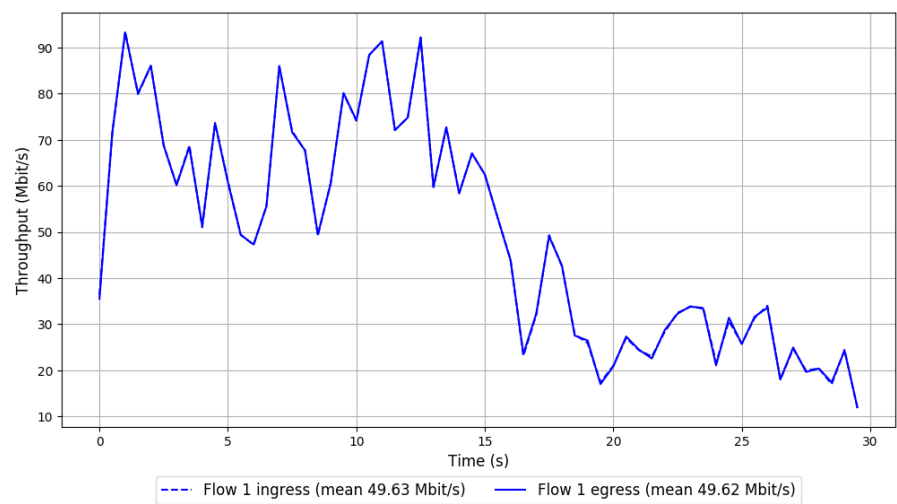
Run 1: Statistics of Indigo-2-256

Start at: 2018-01-25 23:43:09  
End at: 2018-01-25 23:43:39  
Local clock offset: -0.006 ms  
Remote clock offset: -0.307 ms

# Below is generated by plot.py at 2018-01-26 10:23:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 49.62 Mbit/s  
95th percentile per-packet one-way delay: 12.529 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 49.62 Mbit/s  
95th percentile per-packet one-way delay: 12.529 ms  
Loss rate: 0.00%



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

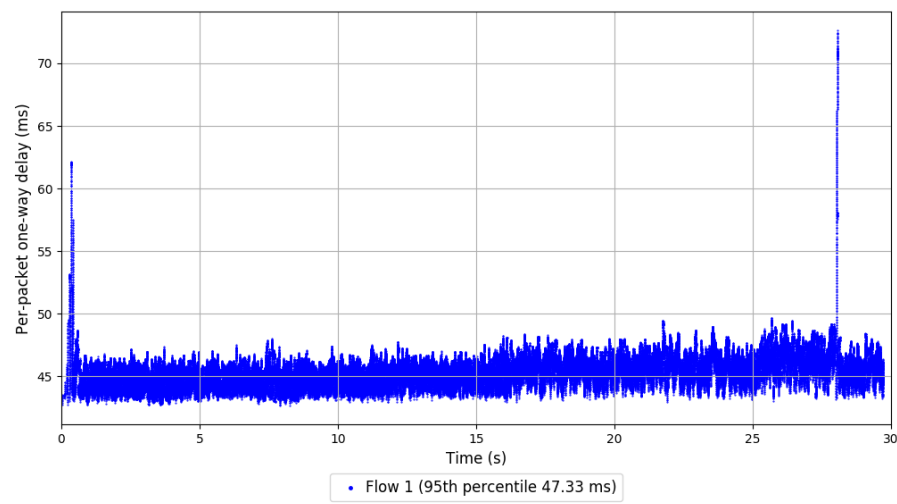
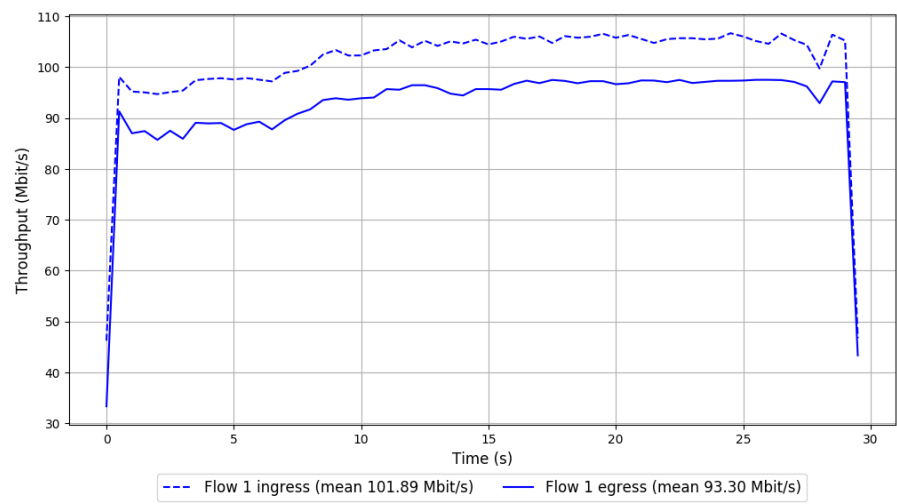


Run 2: Statistics of Indigo-2-256

Start at: 2018-01-26 00:01:03  
End at: 2018-01-26 00:01:33  
Local clock offset: -0.011 ms  
Remote clock offset: -0.403 ms

# Below is generated by plot.py at 2018-01-26 10:23:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.30 Mbit/s  
95th percentile per-packet one-way delay: 47.334 ms  
Loss rate: 8.55%  
-- Flow 1:  
Average throughput: 93.30 Mbit/s  
95th percentile per-packet one-way delay: 47.334 ms  
Loss rate: 8.55%

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

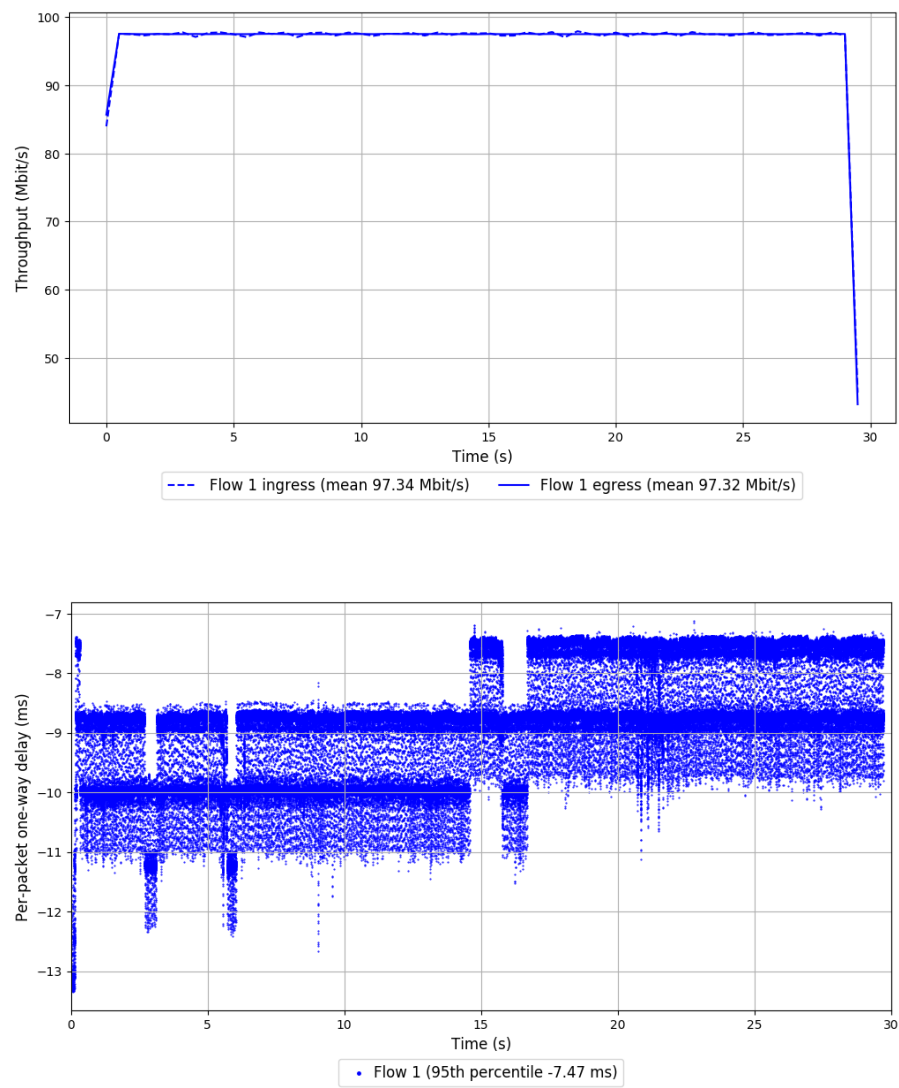


Run 3: Statistics of Indigo-2-256

Start at: 2018-01-26 00:19:27  
End at: 2018-01-26 00:19:57  
Local clock offset: -0.031 ms  
Remote clock offset: -16.129 ms

# Below is generated by plot.py at 2018-01-26 10:23:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.32 Mbit/s  
95th percentile per-packet one-way delay: -7.468 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.32 Mbit/s  
95th percentile per-packet one-way delay: -7.468 ms  
Loss rate: 0.00%

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

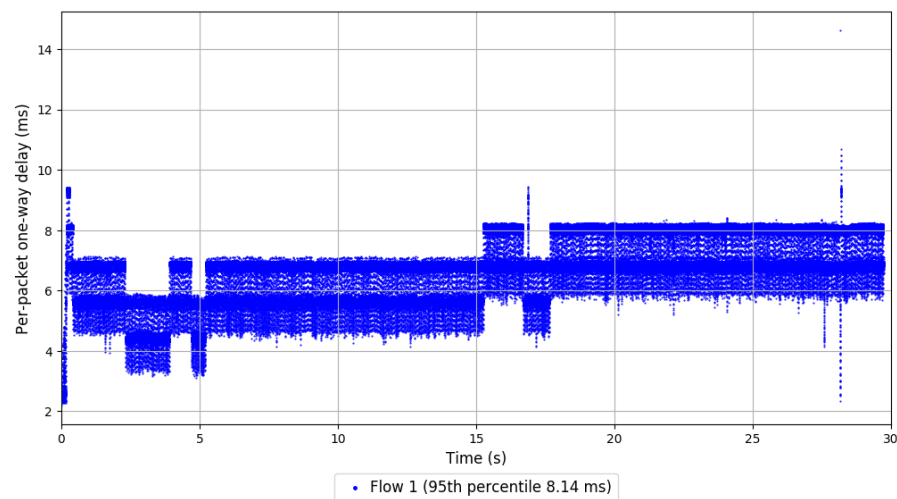
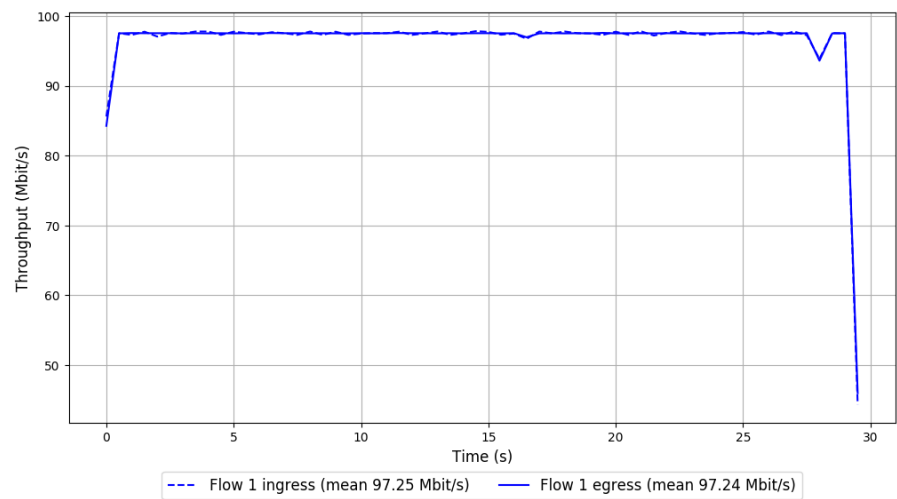


Run 4: Statistics of Indigo-2-256

Start at: 2018-01-26 00:37:15  
End at: 2018-01-26 00:37:45  
Local clock offset: -0.042 ms  
Remote clock offset: -0.549 ms

# Below is generated by plot.py at 2018-01-26 10:23:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.24 Mbit/s  
95th percentile per-packet one-way delay: 8.144 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.24 Mbit/s  
95th percentile per-packet one-way delay: 8.144 ms  
Loss rate: 0.00%

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



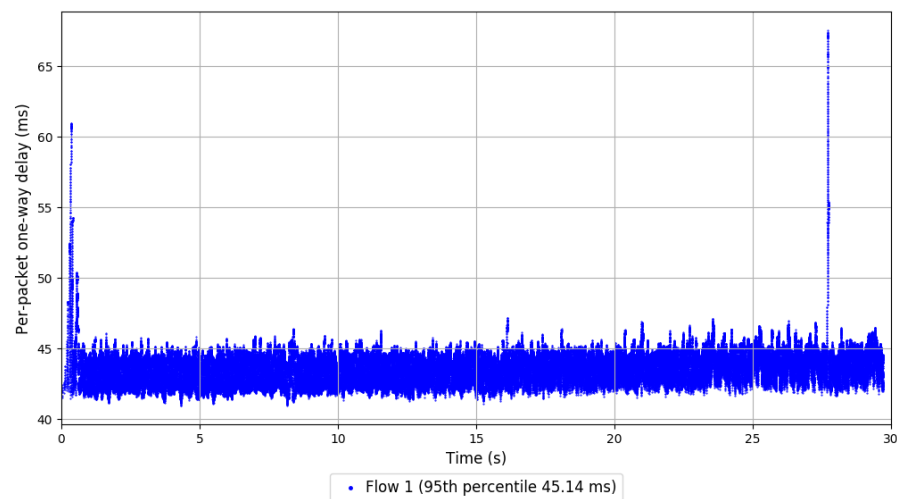
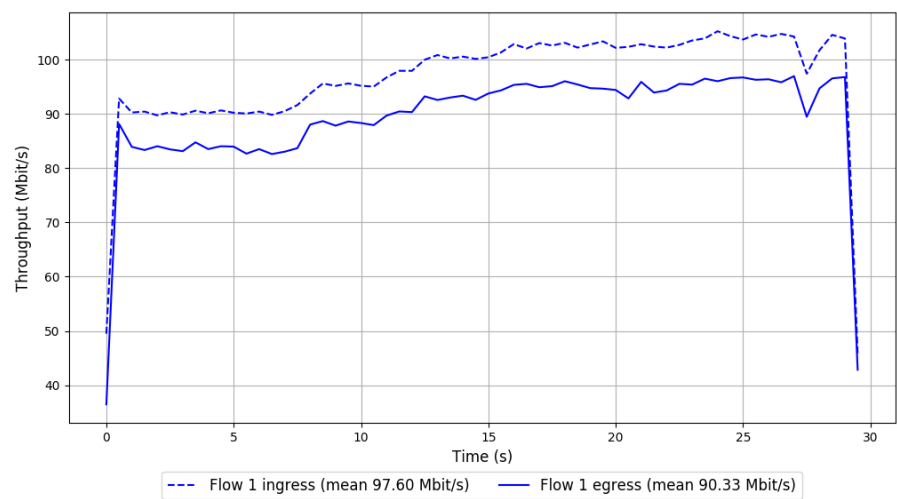
Run 5: Statistics of Indigo-2-256

Start at: 2018-01-26 00:55:12  
End at: 2018-01-26 00:55:42  
Local clock offset: -0.042 ms  
Remote clock offset: -0.451 ms

# Below is generated by plot.py at 2018-01-26 10:24:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.33 Mbit/s  
95th percentile per-packet one-way delay: 45.143 ms  
Loss rate: 7.57%  
-- Flow 1:  
Average throughput: 90.33 Mbit/s  
95th percentile per-packet one-way delay: 45.143 ms  
Loss rate: 7.57%



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



Run 6: Statistics of Indigo-2-256

Start at: 2018-01-26 01:13:09

End at: 2018-01-26 01:13:39

Local clock offset: 0.017 ms

Remote clock offset: -0.33 ms

# Below is generated by plot.py at 2018-01-26 10:24:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 8.214 ms

Loss rate: 0.00%

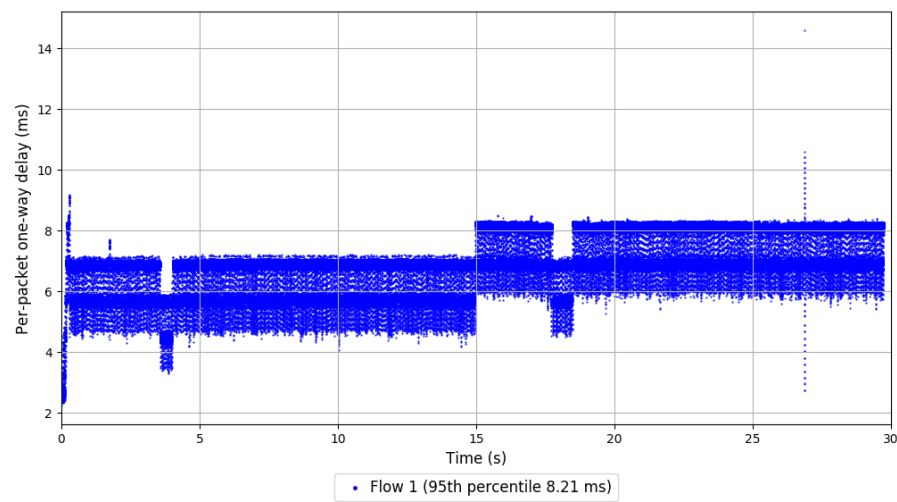
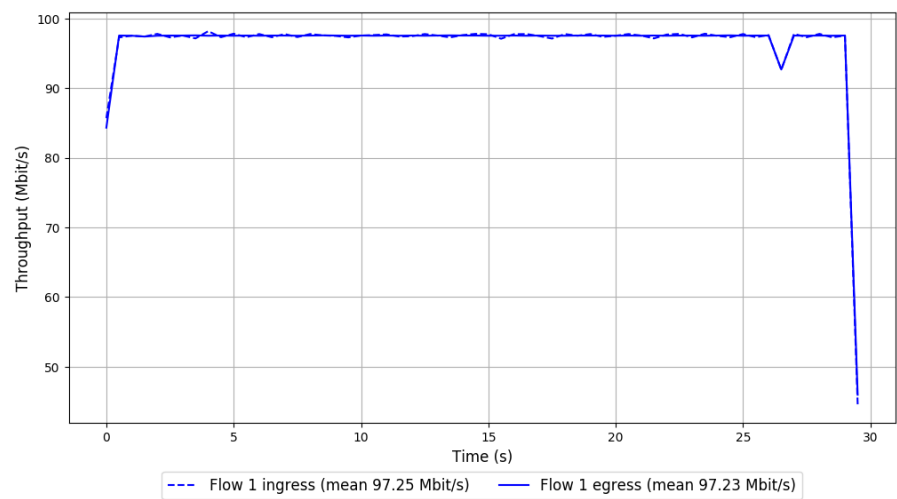
-- Flow 1:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 8.214 ms

Loss rate: 0.00%

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

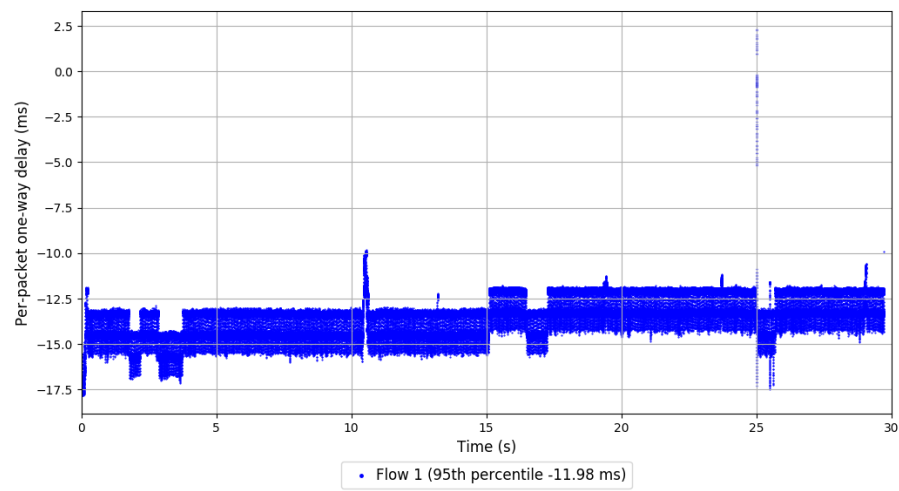
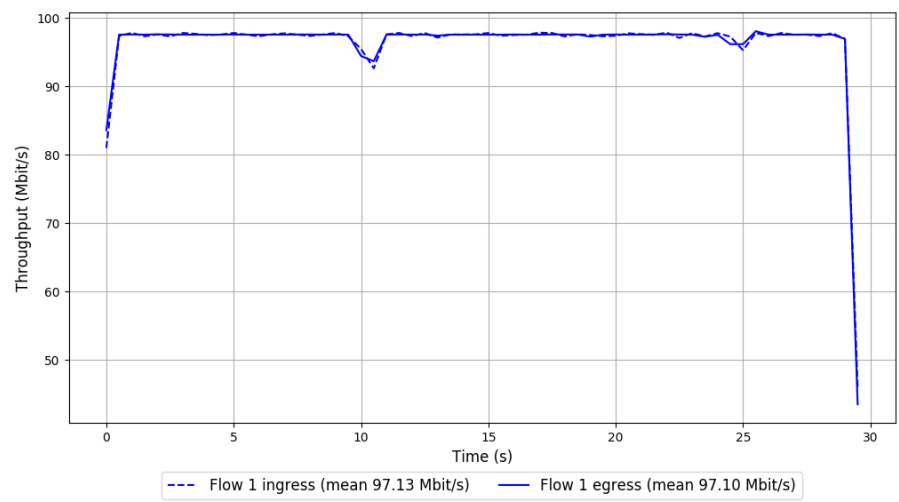


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-26 01:31:05  
End at: 2018-01-26 01:31:35  
Local clock offset: 0.246 ms  
Remote clock offset: -20.351 ms

# Below is generated by plot.py at 2018-01-26 10:24:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: -11.982 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.10 Mbit/s  
95th percentile per-packet one-way delay: -11.982 ms  
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-2-256

Start at: 2018-01-26 01:49:12

End at: 2018-01-26 01:49:42

Local clock offset: 0.343 ms

Remote clock offset: -0.41 ms

# Below is generated by plot.py at 2018-01-26 10:24:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 8.183 ms

Loss rate: 0.00%

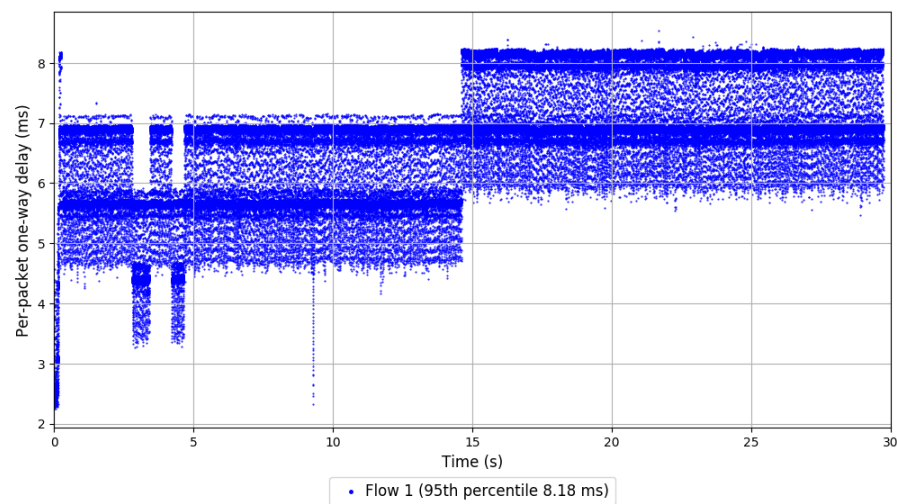
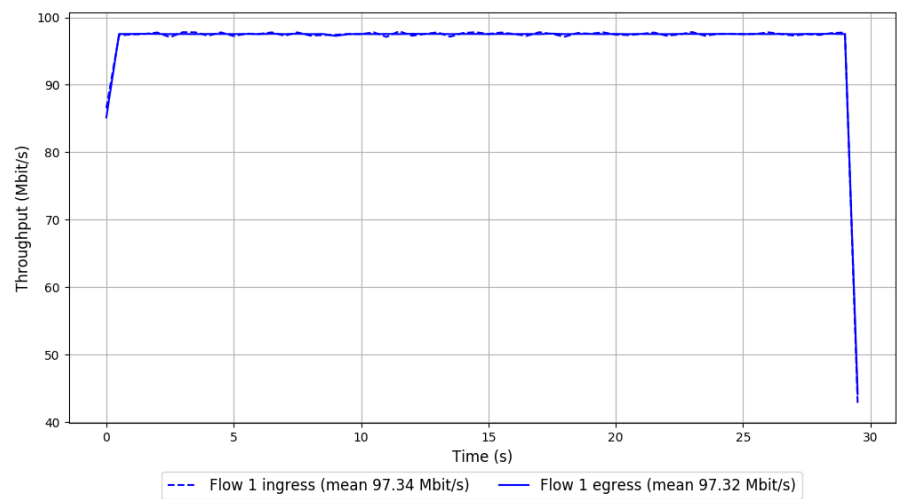
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 8.183 ms

Loss rate: 0.00%

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



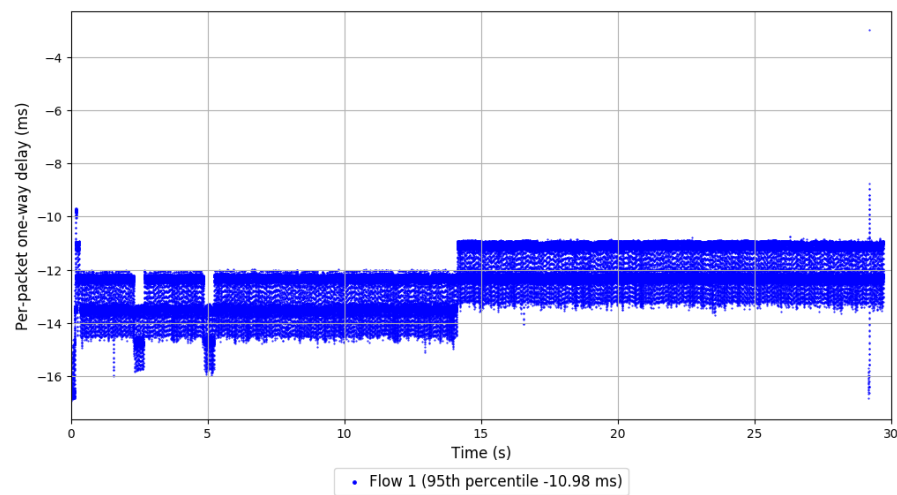
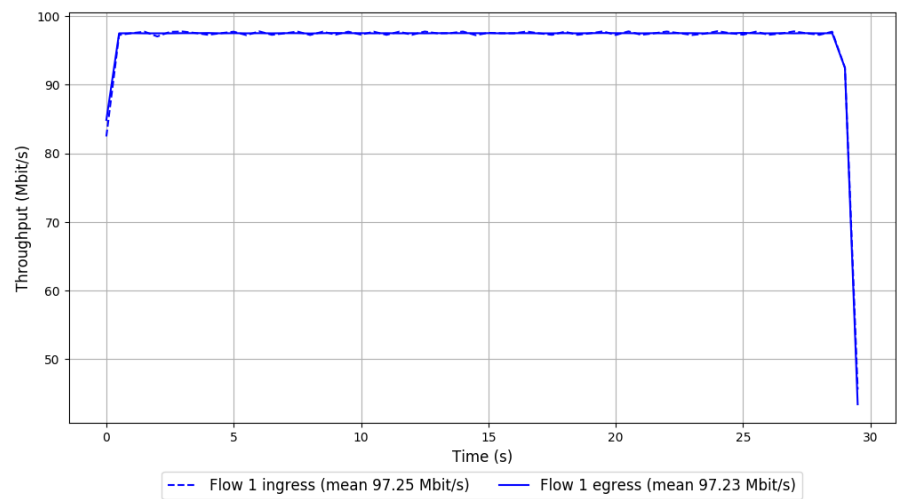
Run 9: Statistics of Indigo-2-256

Start at: 2018-01-26 02:07:14  
End at: 2018-01-26 02:07:44  
Local clock offset: 0.427 ms  
Remote clock offset: -19.612 ms

# Below is generated by plot.py at 2018-01-26 10:24:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.23 Mbit/s  
95th percentile per-packet one-way delay: -10.978 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.23 Mbit/s  
95th percentile per-packet one-way delay: -10.978 ms  
Loss rate: 0.00%



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



Run 10: Statistics of Indigo-2-256

Start at: 2018-01-26 02:25:14

End at: 2018-01-26 02:25:44

Local clock offset: 0.515 ms

Remote clock offset: -0.497 ms

# Below is generated by plot.py at 2018-01-26 10:25:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 8.057 ms

Loss rate: 0.00%

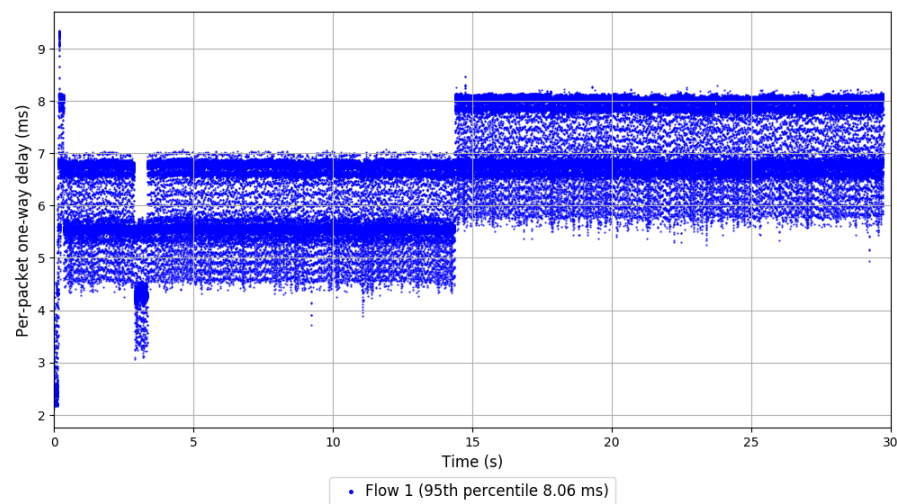
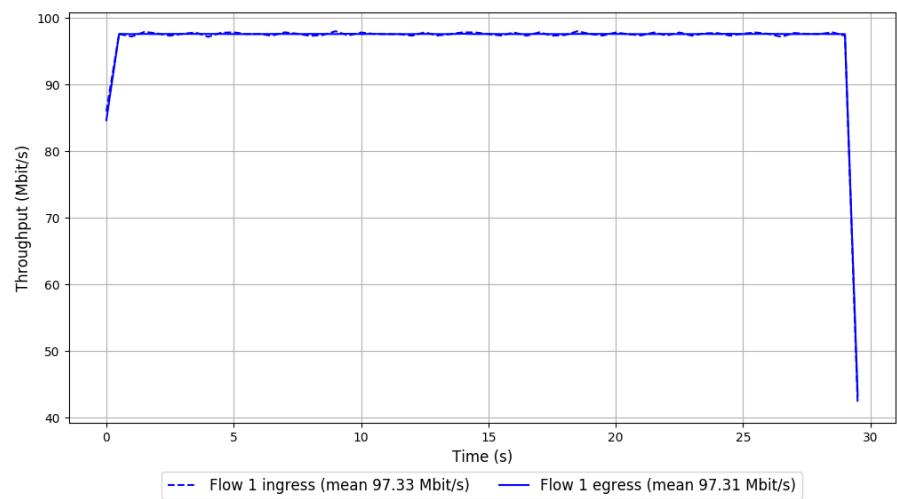
-- Flow 1:

Average throughput: 97.31 Mbit/s

95th percentile per-packet one-way delay: 8.057 ms

Loss rate: 0.00%

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



Run 1: Statistics of Indigo-1-32

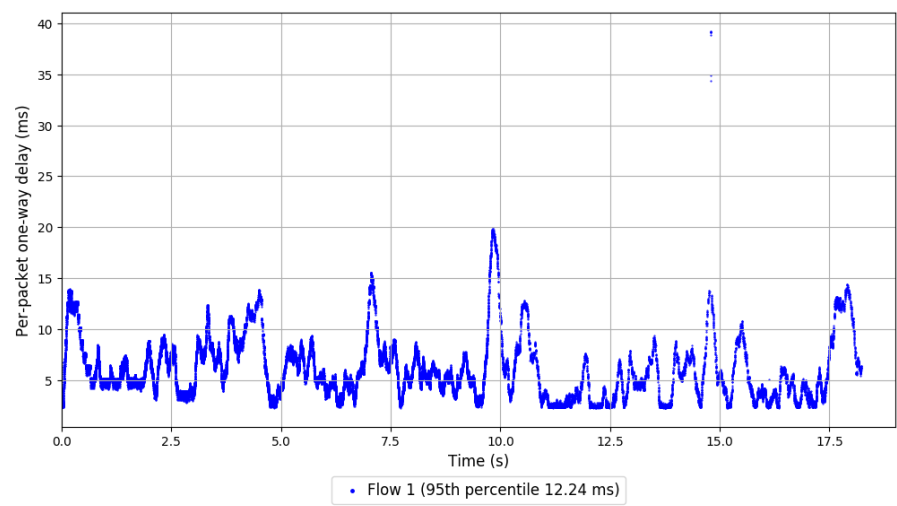
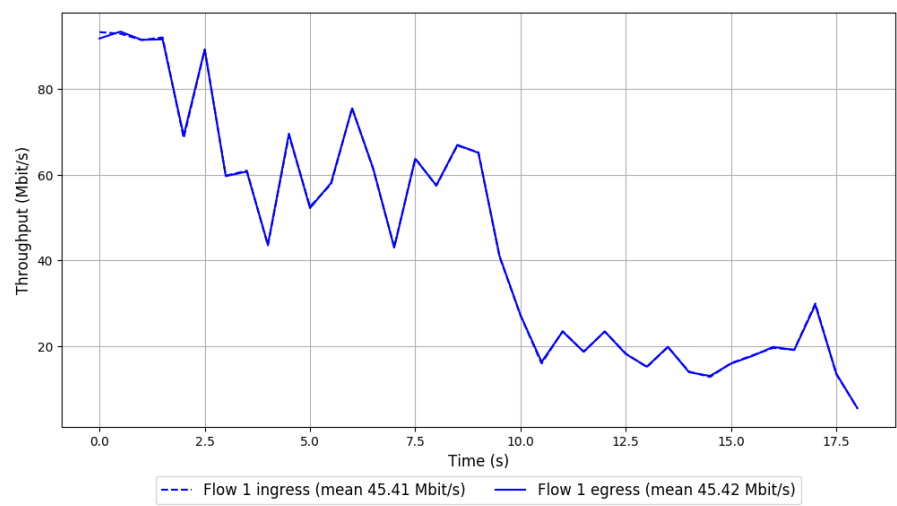
Start at: 2018-01-25 23:39:56

End at: 2018-01-25 23:40:26

Local clock offset: -0.011 ms

Remote clock offset: -0.293 ms

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

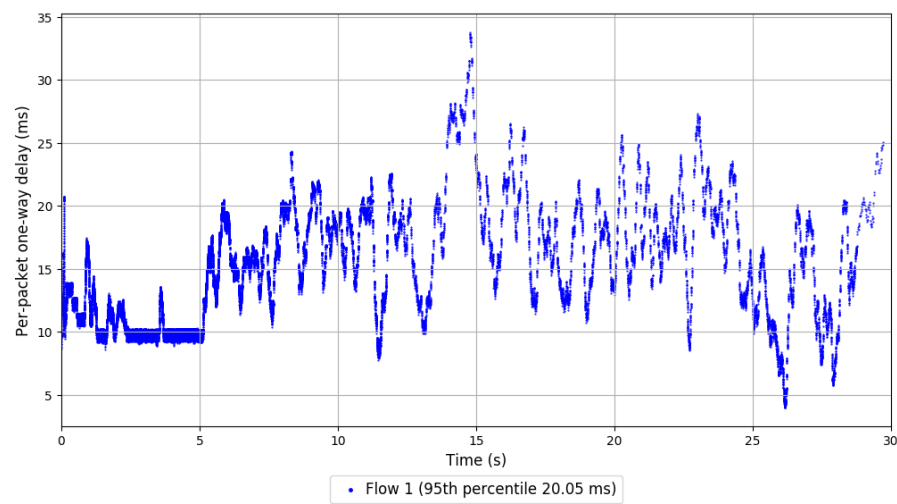
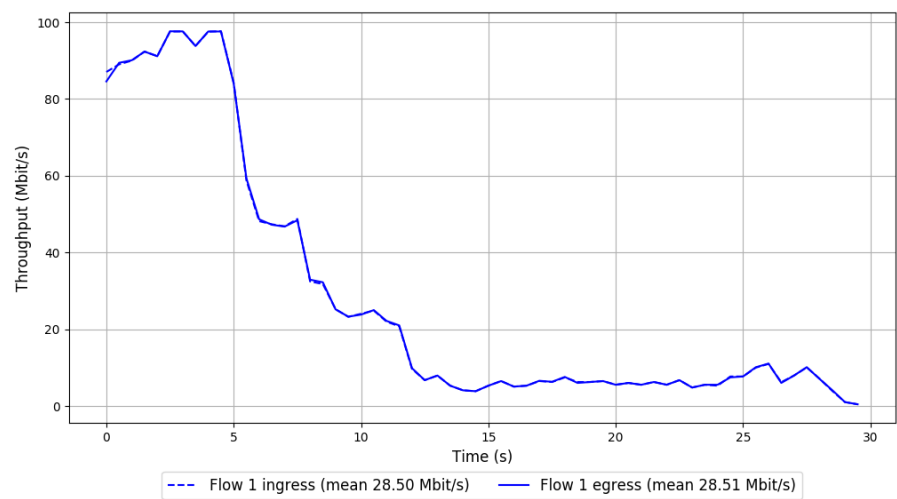


Run 2: Statistics of Indigo-1-32

Start at: 2018-01-25 23:57:50  
End at: 2018-01-25 23:58:20  
Local clock offset: -0.083 ms  
Remote clock offset: -0.392 ms

# Below is generated by plot.py at 2018-01-26 10:25:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 28.51 Mbit/s  
95th percentile per-packet one-way delay: 20.055 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 28.51 Mbit/s  
95th percentile per-packet one-way delay: 20.055 ms  
Loss rate: 0.00%

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



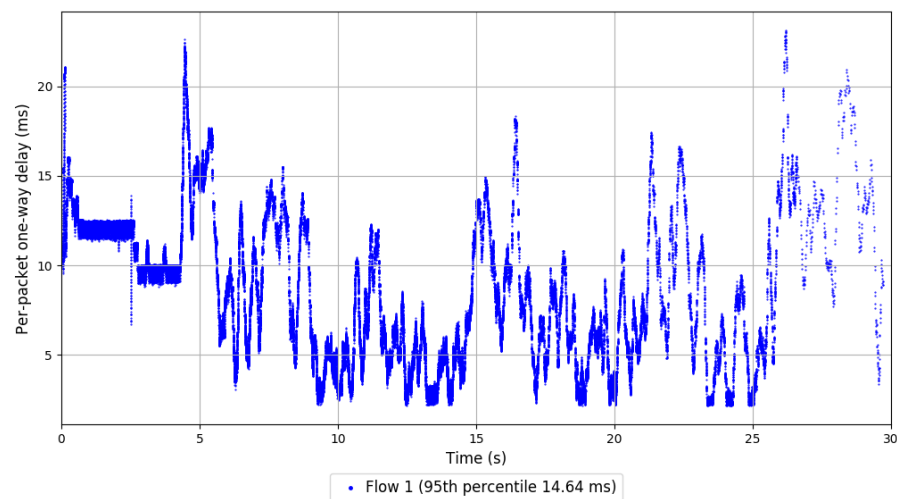
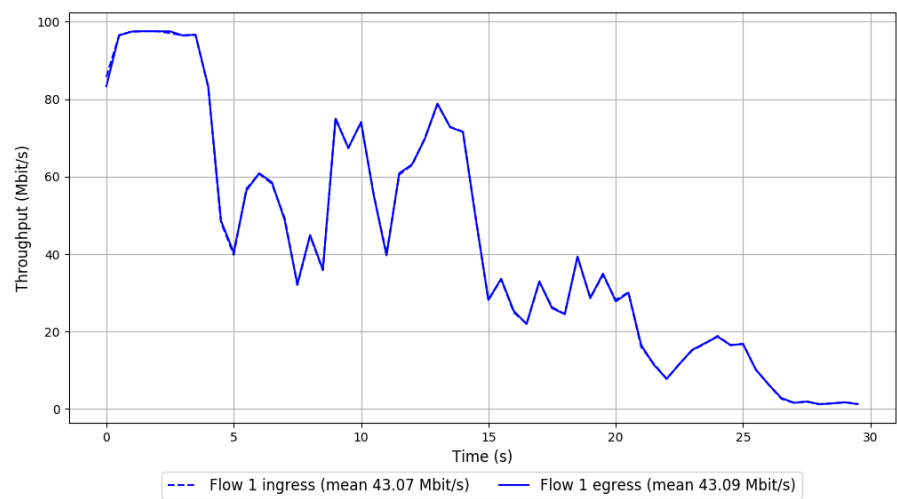
Run 3: Statistics of Indigo-1-32

Start at: 2018-01-26 00:15:39  
End at: 2018-01-26 00:16:09  
Local clock offset: -0.018 ms  
Remote clock offset: -0.628 ms

# Below is generated by plot.py at 2018-01-26 10:25:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 43.09 Mbit/s  
95th percentile per-packet one-way delay: 14.642 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 43.09 Mbit/s  
95th percentile per-packet one-way delay: 14.642 ms  
Loss rate: 0.00%



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

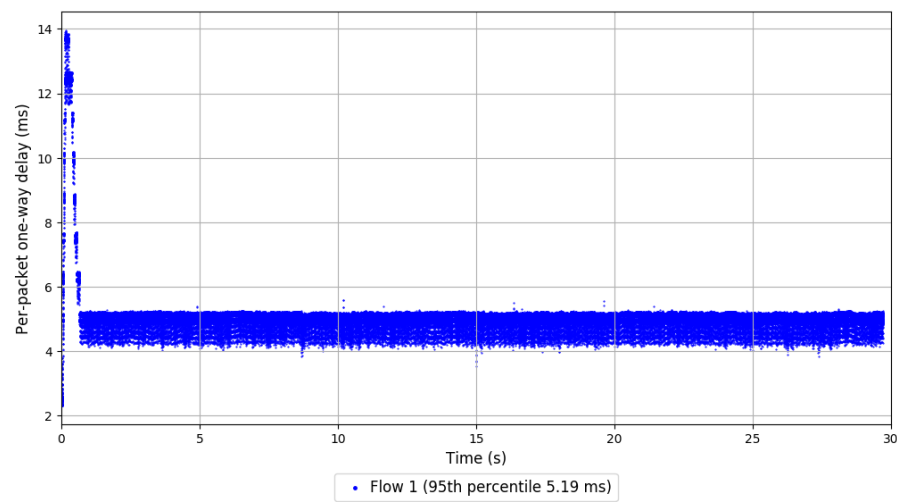
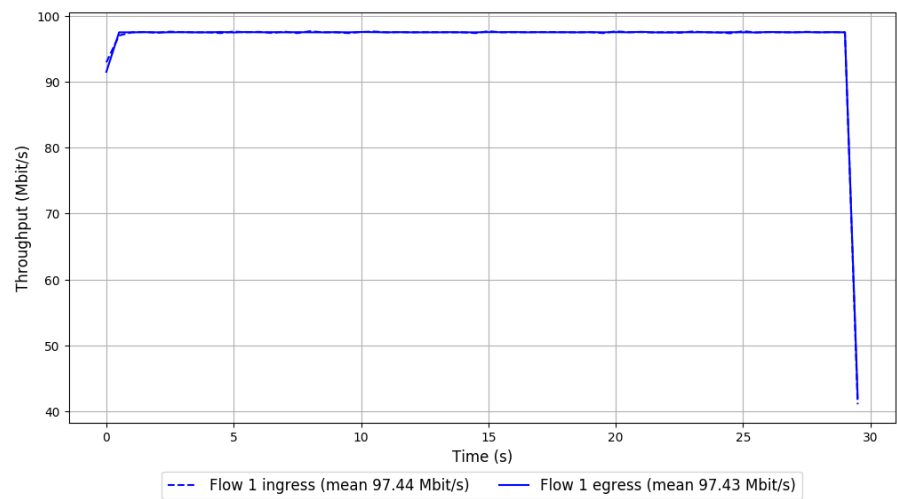


Run 4: Statistics of Indigo-1-32

Start at: 2018-01-26 00:33:58  
End at: 2018-01-26 00:34:28  
Local clock offset: -0.102 ms  
Remote clock offset: -0.612 ms

# Below is generated by plot.py at 2018-01-26 10:25:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.43 Mbit/s  
95th percentile per-packet one-way delay: 5.190 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.43 Mbit/s  
95th percentile per-packet one-way delay: 5.190 ms  
Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-01-26 00:51:54

End at: 2018-01-26 00:52:24

Local clock offset: -0.097 ms

Remote clock offset: -1.78 ms

# Below is generated by plot.py at 2018-01-26 10:25:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 3.878 ms

Loss rate: 0.00%

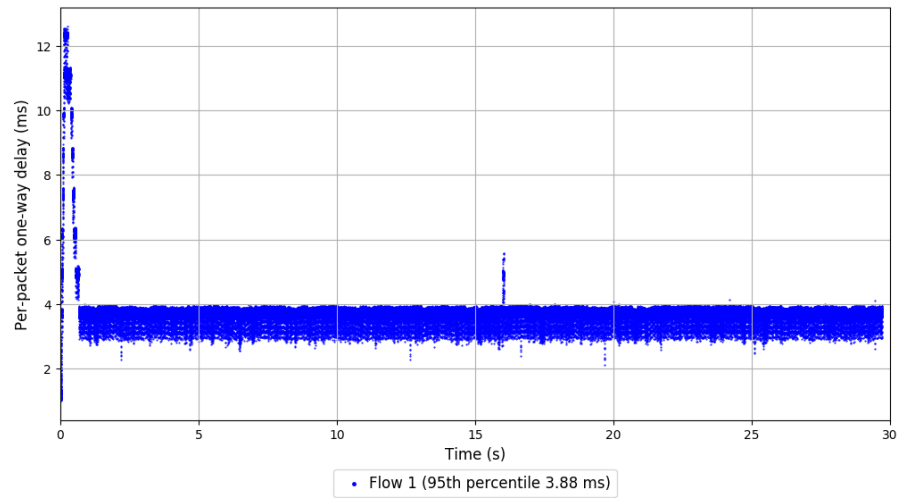
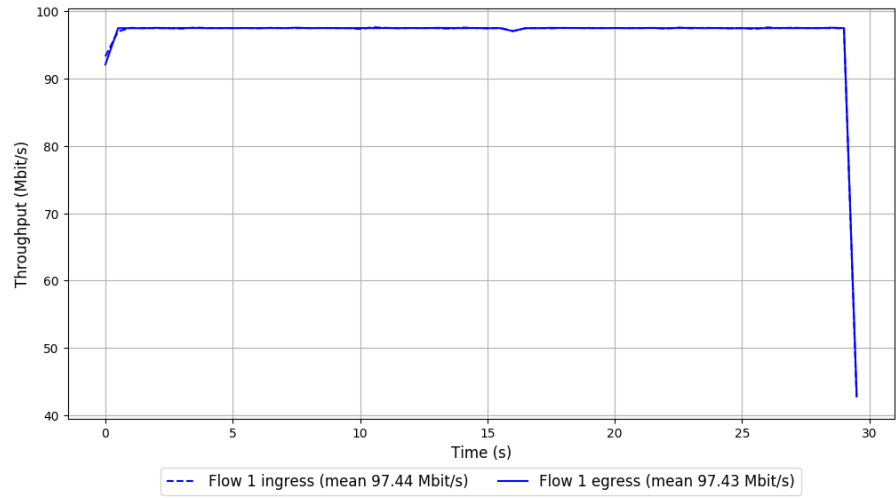
-- Flow 1:

Average throughput: 97.43 Mbit/s

95th percentile per-packet one-way delay: 3.878 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-01-26 01:09:52

End at: 2018-01-26 01:10:22

Local clock offset: 0.057 ms

Remote clock offset: -0.327 ms

# Below is generated by plot.py at 2018-01-26 10:26:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.176 ms

Loss rate: 0.00%

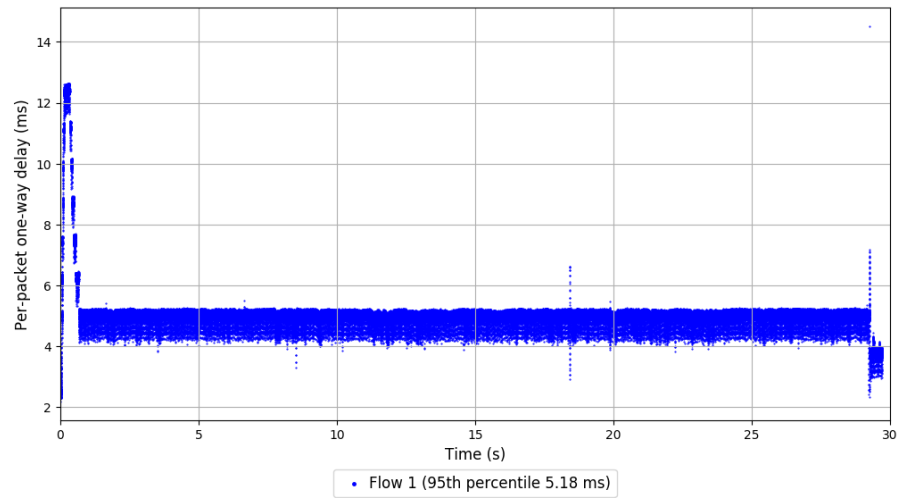
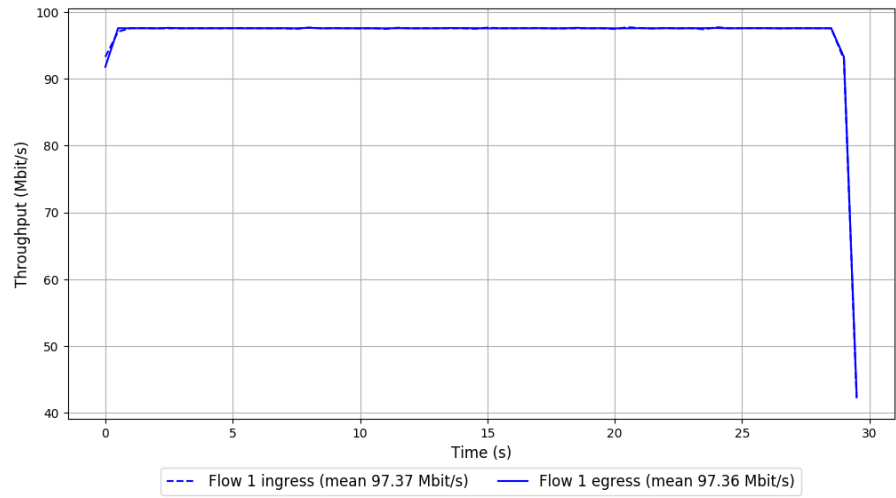
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.176 ms

Loss rate: 0.00%

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



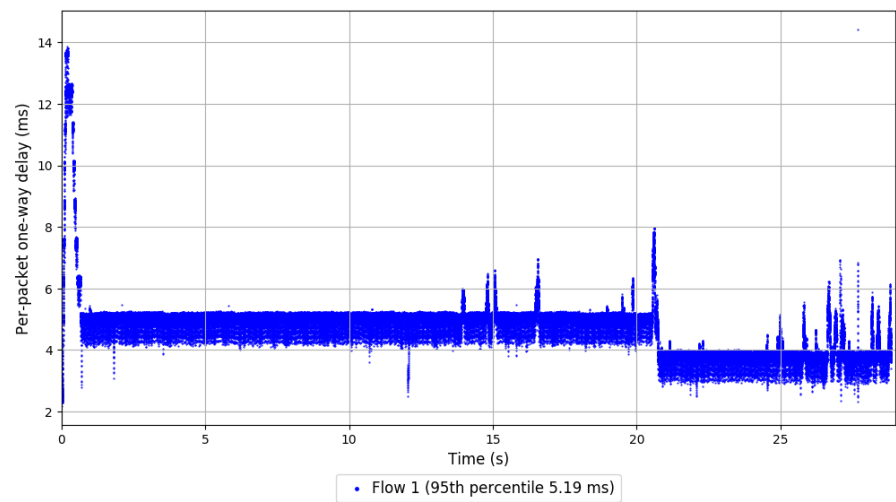
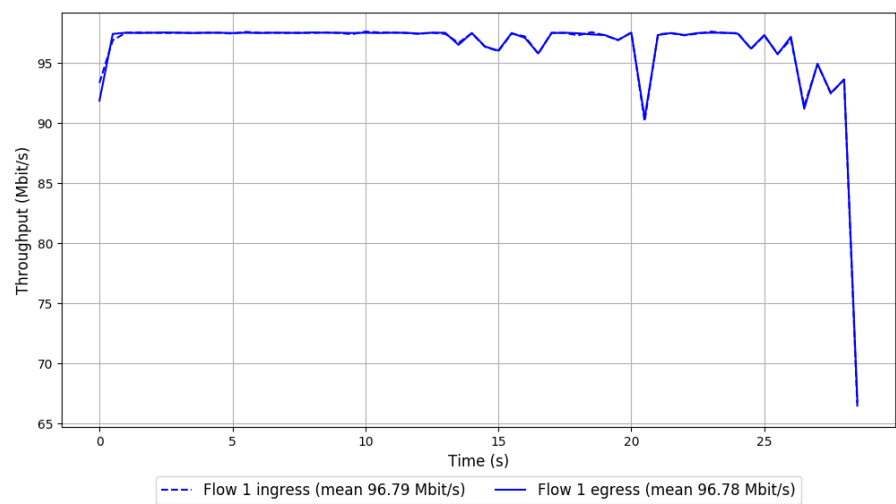
Run 7: Statistics of Indigo-1-32

Start at: 2018-01-26 01:27:48  
End at: 2018-01-26 01:28:18  
Local clock offset: 0.203 ms  
Remote clock offset: -0.244 ms

# Below is generated by plot.py at 2018-01-26 10:26:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.78 Mbit/s  
95th percentile per-packet one-way delay: 5.192 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.78 Mbit/s  
95th percentile per-packet one-way delay: 5.192 ms  
Loss rate: 0.00%



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

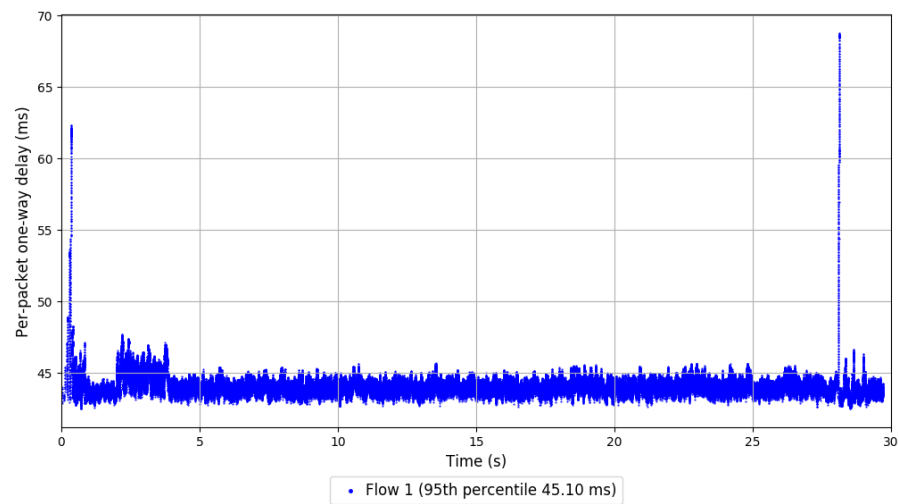
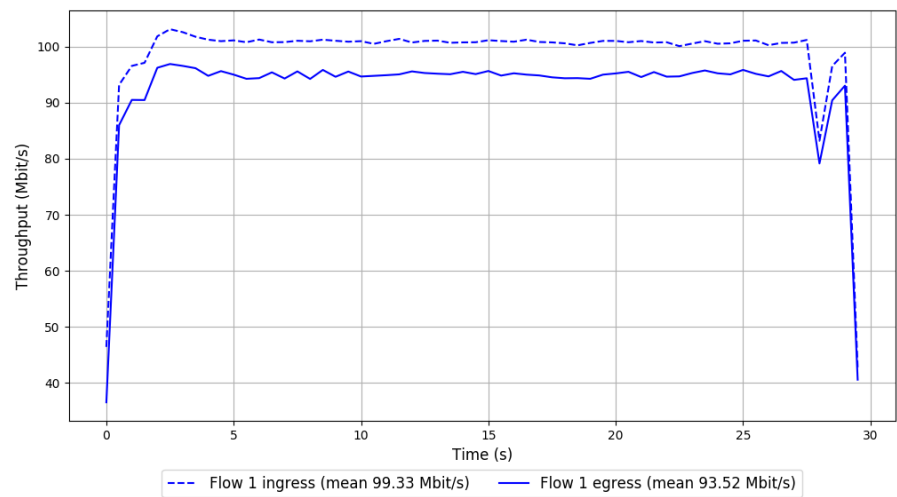


Run 8: Statistics of Indigo-1-32

Start at: 2018-01-26 01:45:55  
End at: 2018-01-26 01:46:25  
Local clock offset: 0.366 ms  
Remote clock offset: -0.312 ms

# Below is generated by plot.py at 2018-01-26 10:26:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.52 Mbit/s  
95th percentile per-packet one-way delay: 45.098 ms  
Loss rate: 5.98%  
-- Flow 1:  
Average throughput: 93.52 Mbit/s  
95th percentile per-packet one-way delay: 45.098 ms  
Loss rate: 5.98%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-01-26 02:03:57

End at: 2018-01-26 02:04:27

Local clock offset: 0.471 ms

Remote clock offset: -0.415 ms

# Below is generated by plot.py at 2018-01-26 10:26:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.176 ms

Loss rate: 0.00%

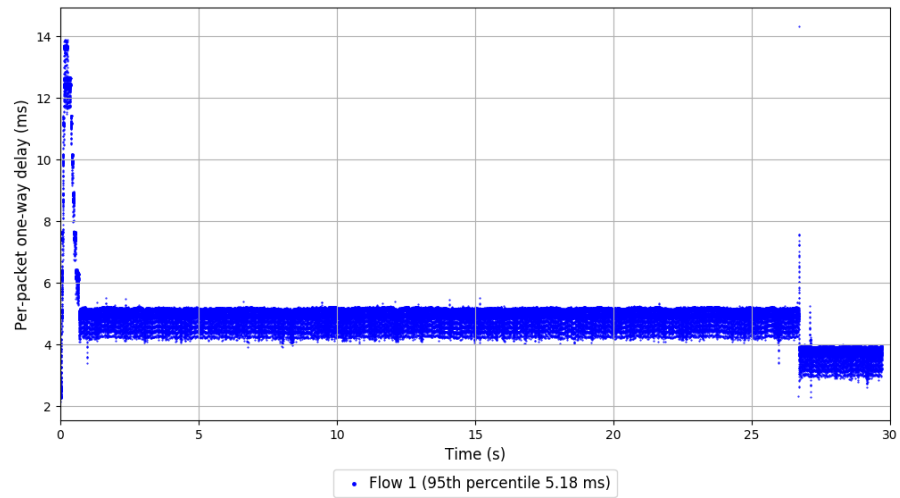
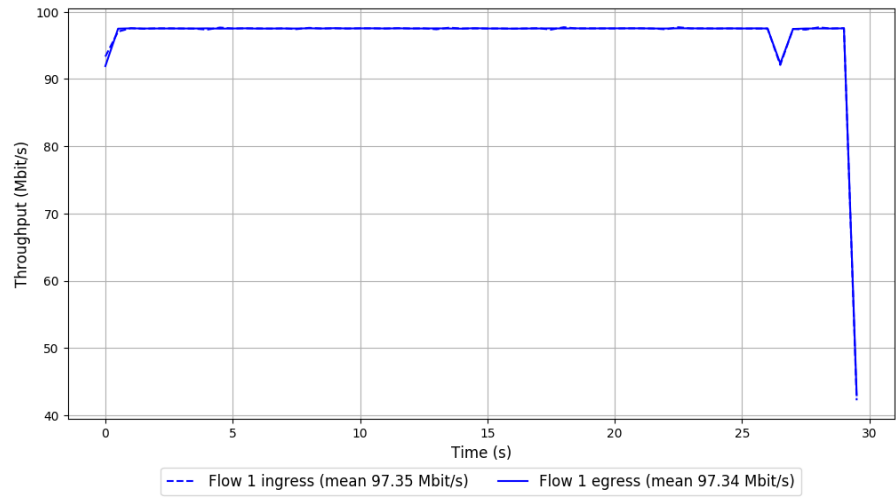
-- Flow 1:

Average throughput: 97.34 Mbit/s

95th percentile per-packet one-way delay: 5.176 ms

Loss rate: 0.00%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-01-26 02:21:57

End at: 2018-01-26 02:22:27

Local clock offset: 0.426 ms

Remote clock offset: -0.437 ms

# Below is generated by plot.py at 2018-01-26 10:26:20

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.241 ms

Loss rate: 0.00%

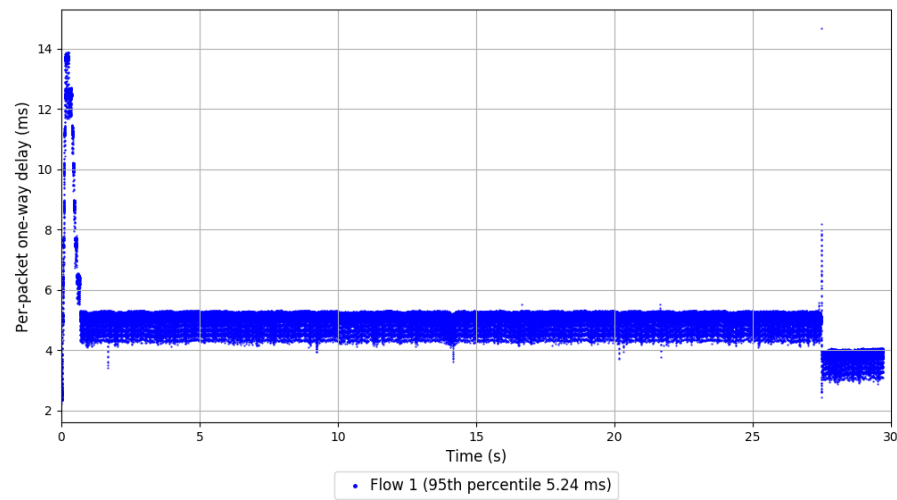
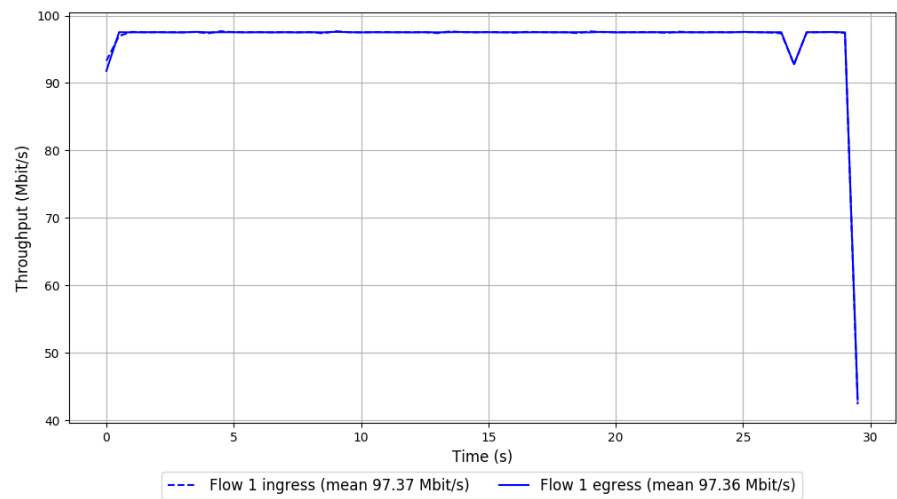
-- Flow 1:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 5.241 ms

Loss rate: 0.00%

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



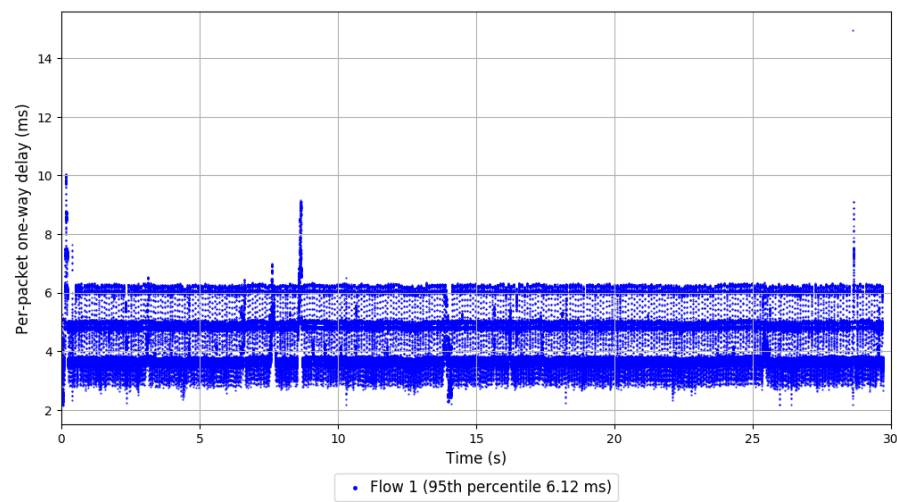
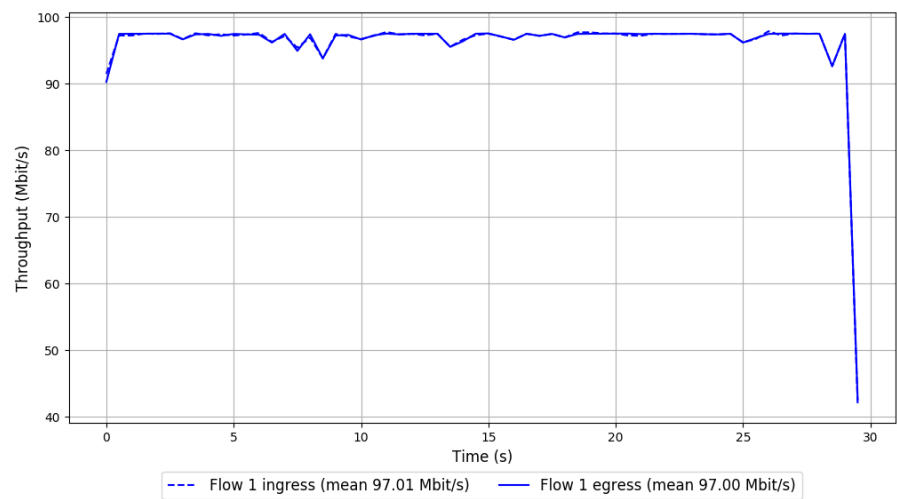
Run 1: Statistics of Indigo-1-128

Start at: 2018-01-25 23:47:41  
End at: 2018-01-25 23:48:11  
Local clock offset: -0.011 ms  
Remote clock offset: -0.487 ms

# Below is generated by plot.py at 2018-01-26 10:26:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.00 Mbit/s  
95th percentile per-packet one-way delay: 6.118 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.00 Mbit/s  
95th percentile per-packet one-way delay: 6.118 ms  
Loss rate: 0.00%



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

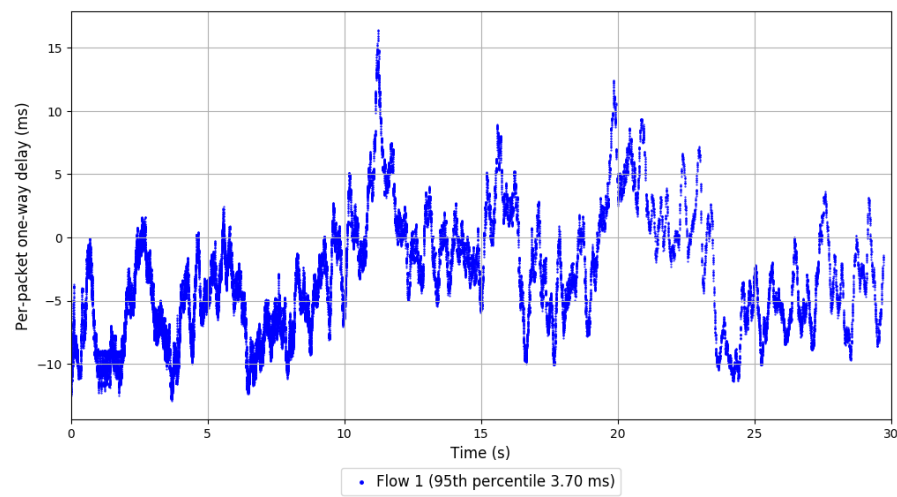
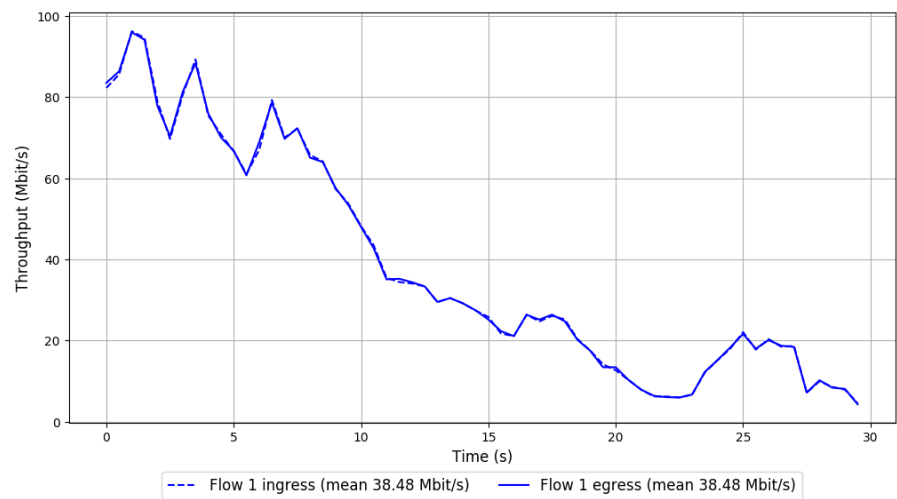


Run 2: Statistics of Indigo-1-128

Start at: 2018-01-26 00:05:34  
End at: 2018-01-26 00:06:04  
Local clock offset: -0.008 ms  
Remote clock offset: -15.787 ms

# Below is generated by plot.py at 2018-01-26 10:26:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 38.48 Mbit/s  
95th percentile per-packet one-way delay: 3.700 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 38.48 Mbit/s  
95th percentile per-packet one-way delay: 3.700 ms  
Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-128

Start at: 2018-01-26 00:23:54

End at: 2018-01-26 00:24:24

Local clock offset: -0.02 ms

Remote clock offset: -0.546 ms

# Below is generated by plot.py at 2018-01-26 10:26:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 14.58 Mbit/s

95th percentile per-packet one-way delay: 22.724 ms

Loss rate: 0.00%

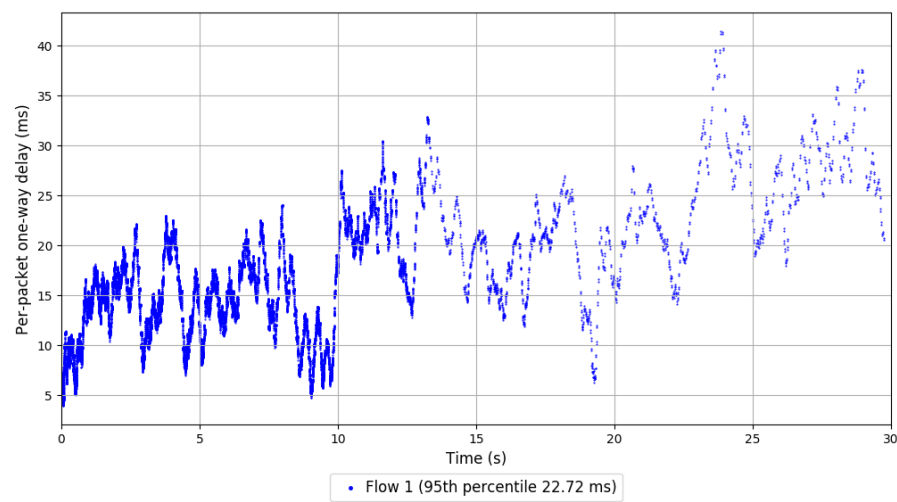
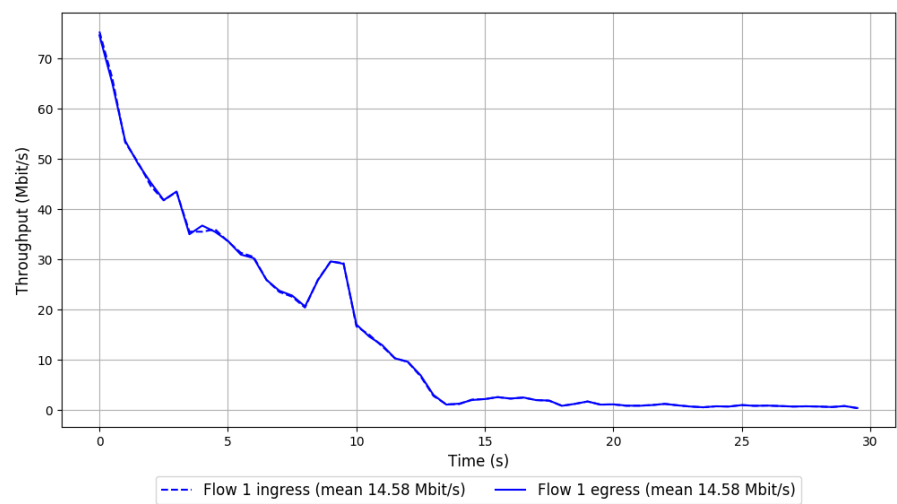
-- Flow 1:

Average throughput: 14.58 Mbit/s

95th percentile per-packet one-way delay: 22.724 ms

Loss rate: 0.00%

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

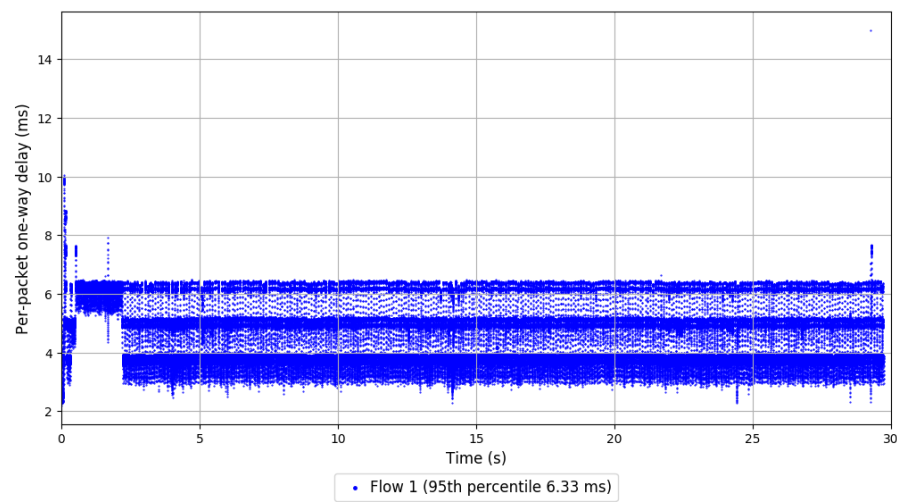
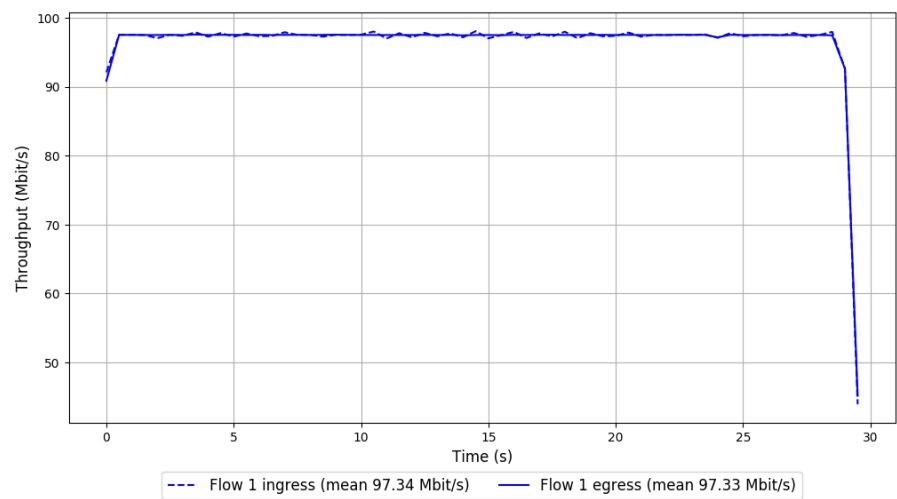


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-26 00:41:51  
End at: 2018-01-26 00:42:21  
Local clock offset: -0.032 ms  
Remote clock offset: -0.516 ms

# Below is generated by plot.py at 2018-01-26 10:27:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.33 Mbit/s  
95th percentile per-packet one-way delay: 6.334 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.33 Mbit/s  
95th percentile per-packet one-way delay: 6.334 ms  
Loss rate: 0.00%

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



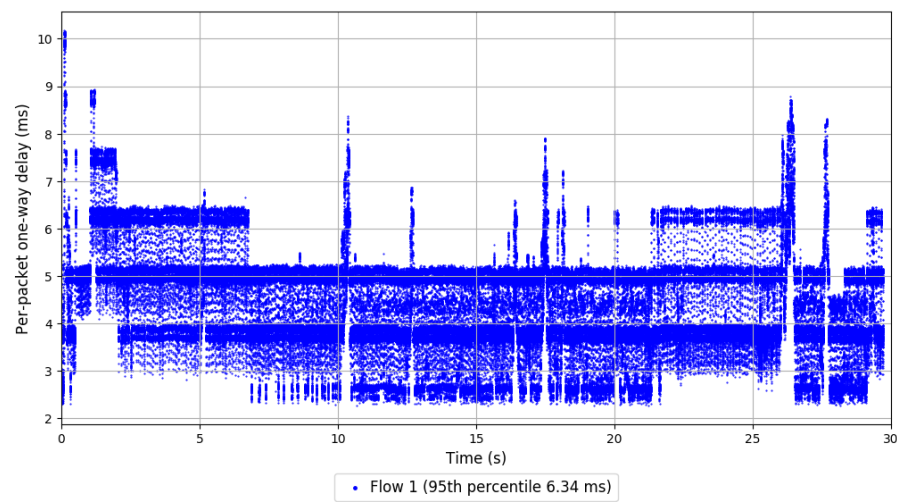
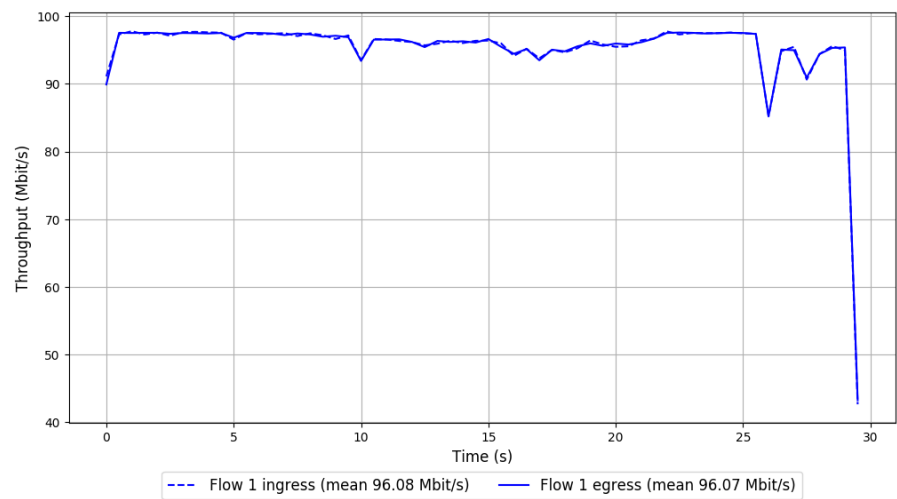
Run 5: Statistics of Indigo-1-128

Start at: 2018-01-26 00:59:46  
End at: 2018-01-26 01:00:16  
Local clock offset: -0.044 ms  
Remote clock offset: -0.413 ms

# Below is generated by plot.py at 2018-01-26 10:27:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.07 Mbit/s  
95th percentile per-packet one-way delay: 6.341 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.07 Mbit/s  
95th percentile per-packet one-way delay: 6.341 ms  
Loss rate: 0.00%



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

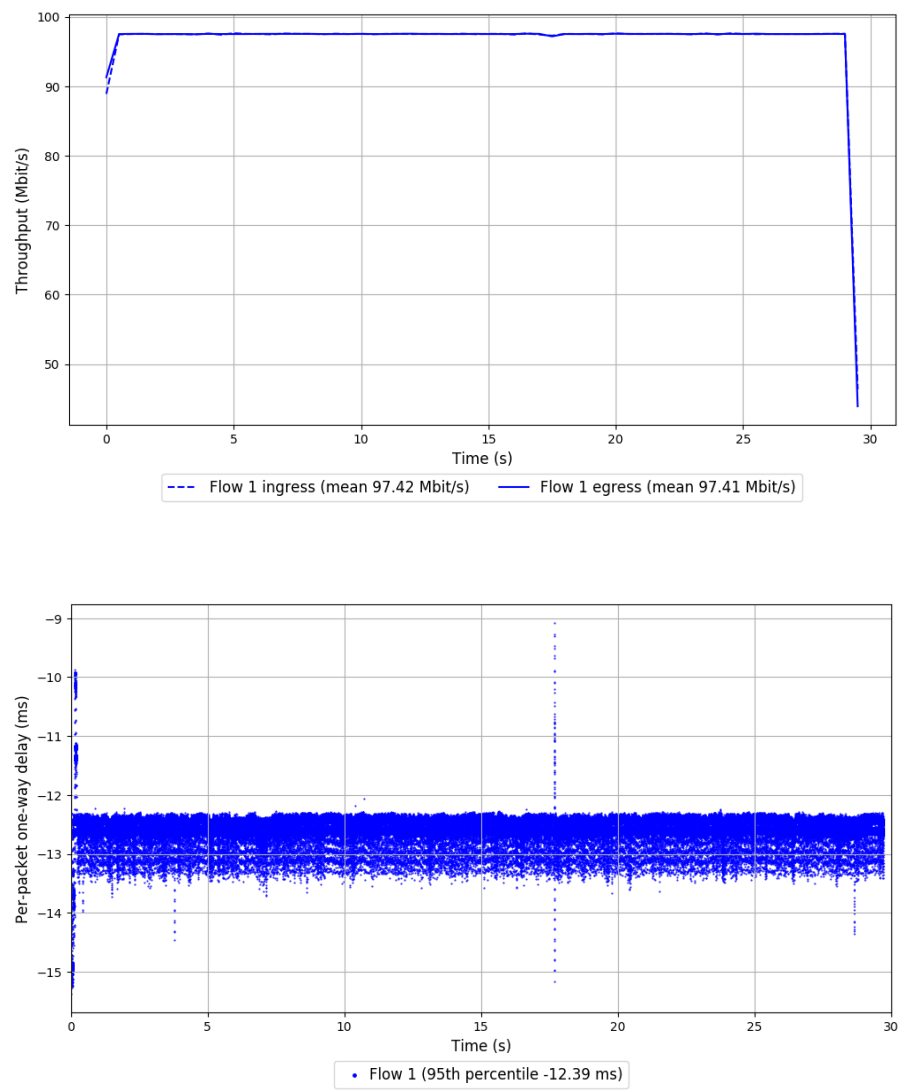


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-26 01:17:41  
End at: 2018-01-26 01:18:11  
Local clock offset: 0.132 ms  
Remote clock offset: -17.83 ms

# Below is generated by plot.py at 2018-01-26 10:27:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.41 Mbit/s  
95th percentile per-packet one-way delay: -12.386 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.41 Mbit/s  
95th percentile per-packet one-way delay: -12.386 ms  
Loss rate: 0.00%

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

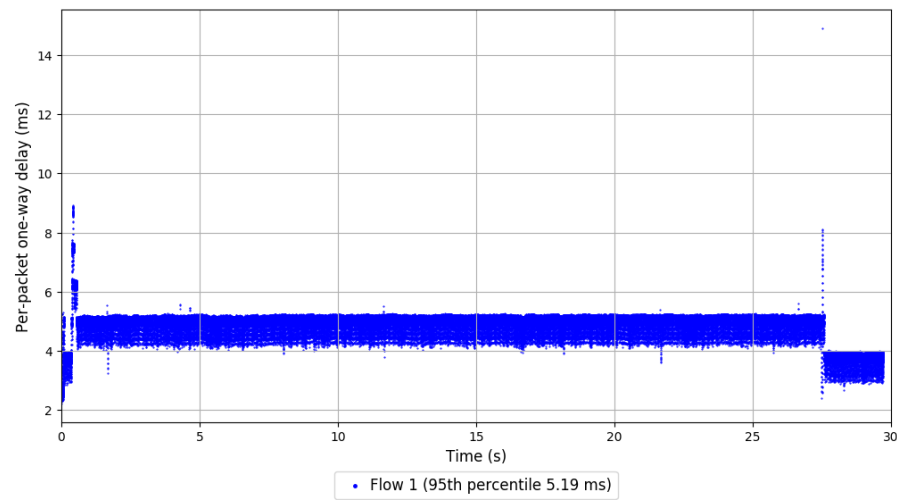
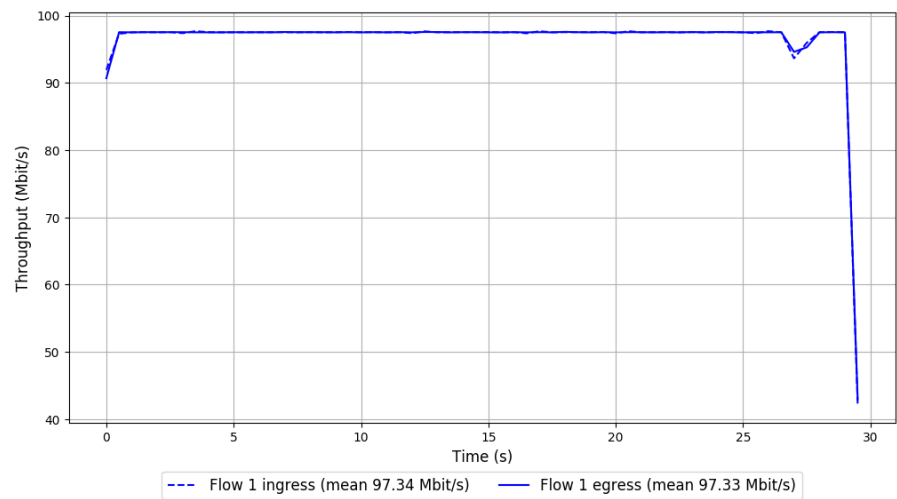


Run 7: Statistics of Indigo-1-128

Start at: 2018-01-26 01:35:40  
End at: 2018-01-26 01:36:10  
Local clock offset: 0.266 ms  
Remote clock offset: -0.232 ms

# Below is generated by plot.py at 2018-01-26 10:27:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.33 Mbit/s  
95th percentile per-packet one-way delay: 5.188 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.33 Mbit/s  
95th percentile per-packet one-way delay: 5.188 ms  
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-128

Start at: 2018-01-26 01:53:47

End at: 2018-01-26 01:54:17

Local clock offset: 0.434 ms

Remote clock offset: -0.388 ms

# Below is generated by plot.py at 2018-01-26 10:27:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.84 Mbit/s

95th percentile per-packet one-way delay: 6.104 ms

Loss rate: 0.00%

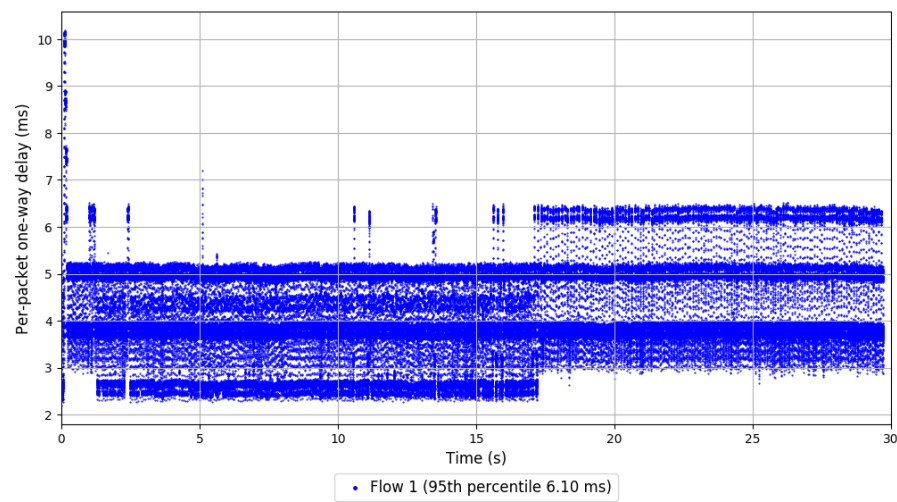
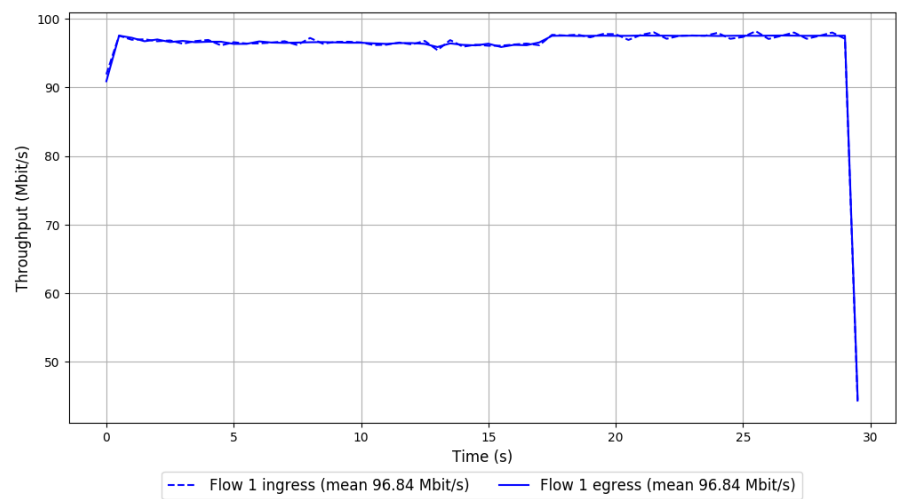
-- Flow 1:

Average throughput: 96.84 Mbit/s

95th percentile per-packet one-way delay: 6.104 ms

Loss rate: 0.00%

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



Run 9: Statistics of Indigo-1-128

Start at: 2018-01-26 02:11:49

End at: 2018-01-26 02:12:19

Local clock offset: 0.428 ms

Remote clock offset: -0.449 ms

# Below is generated by plot.py at 2018-01-26 10:27:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.42 Mbit/s

95th percentile per-packet one-way delay: 5.254 ms

Loss rate: 0.00%

-- Flow 1:

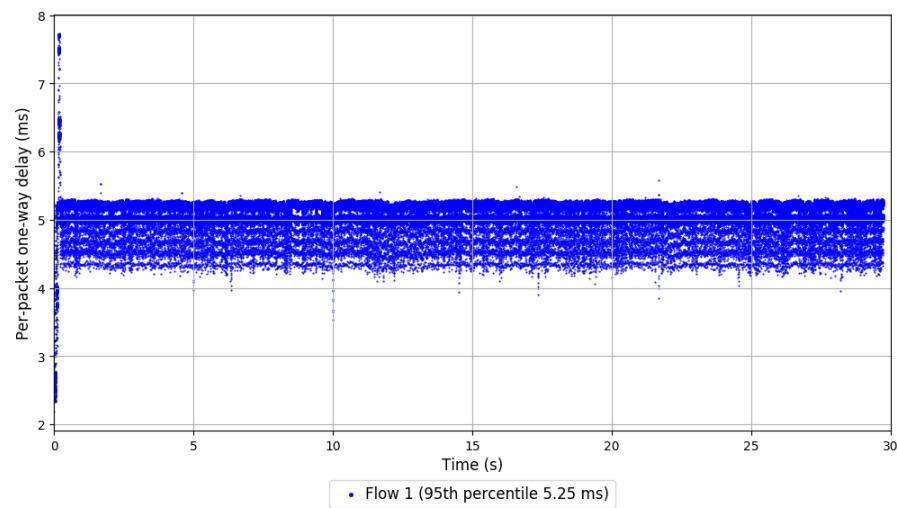
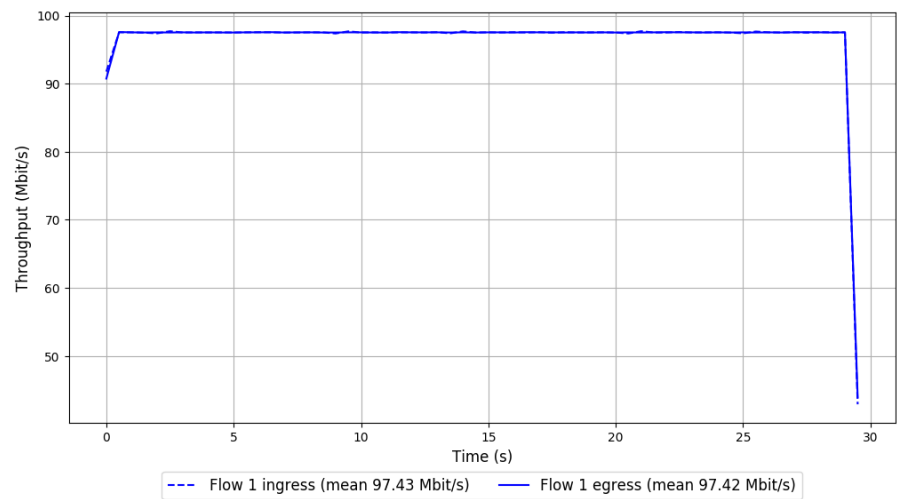
Average throughput: 97.42 Mbit/s

95th percentile per-packet one-way delay: 5.254 ms

Loss rate: 0.00%



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



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-26 02:29:49

End at: 2018-01-26 02:30:19

Local clock offset: 0.494 ms

Remote clock offset: -0.499 ms

# Below is generated by plot.py at 2018-01-26 10:27:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.42 Mbit/s

95th percentile per-packet one-way delay: 5.114 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 97.42 Mbit/s

95th percentile per-packet one-way delay: 5.114 ms

Loss rate: 0.00%

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

