

## Pantheon Report

Generated at 2018-01-25 12:10:32 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

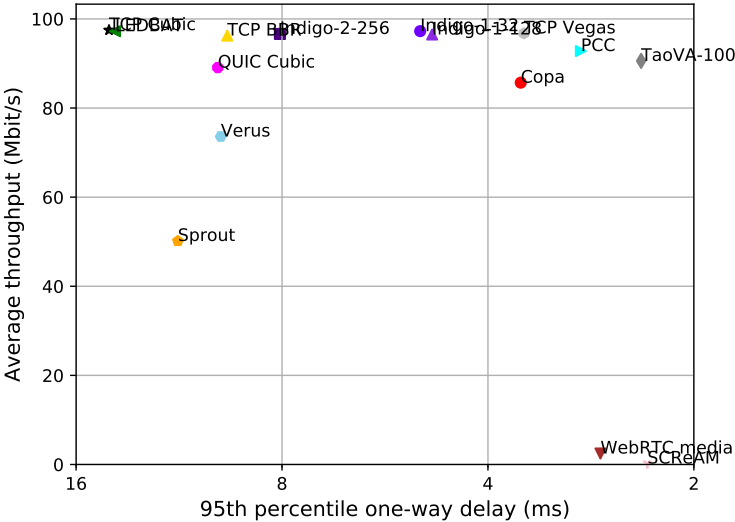
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

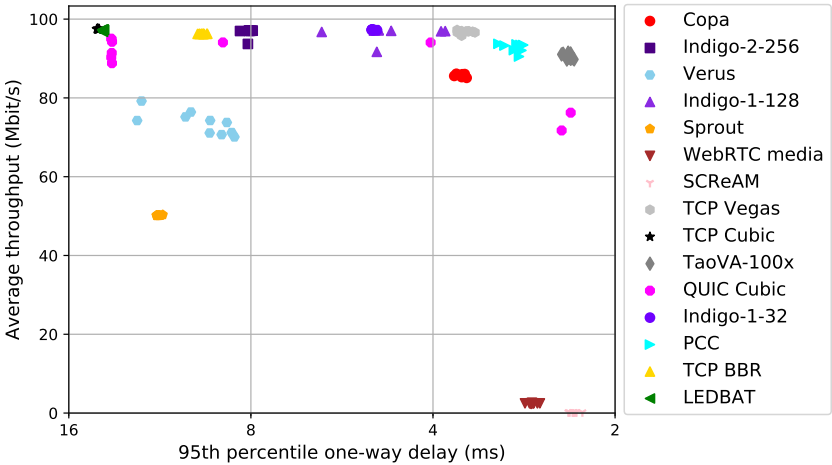
Git summary:

```
branch: master @ 636f858be90392c1dac0ee13c40fd1646f45f9e2
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 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-quic @ 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 Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Brazil Ethernet to AWS Brazil 1 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	96.26	9.62	0.04
TCP Cubic	10	97.49	14.32	0.06
LEDBAT	10	97.23	14.04	0.06
PCC	10	92.79	2.93	0.02
QUIC Cubic	10	89.08	9.93	0.03
SCReAM	10	0.22	2.34	0.00
WebRTC media	10	2.46	2.74	0.01
Sprout	10	50.17	11.36	0.01
TaoVA-100x	10	90.58	2.39	0.02
TCP Vegas	10	96.76	3.54	0.02
Verus	10	73.62	9.83	0.03
Copa	10	85.69	3.58	0.02
Indigo-2-256	8	96.63	8.06	0.03
Indigo-1-32	10	97.26	5.02	0.02
Indigo-1-128	10	96.51	4.83	0.02

Run 1: Statistics of TCP BBR

Start at: 2018-01-25 05:55:58

End at: 2018-01-25 05:56:28

Local clock offset: 0.498 ms

Remote clock offset: 0.394 ms

# Below is generated by plot.py at 2018-01-25 11:48:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 9.725 ms

Loss rate: 0.05%

-- Flow 1:

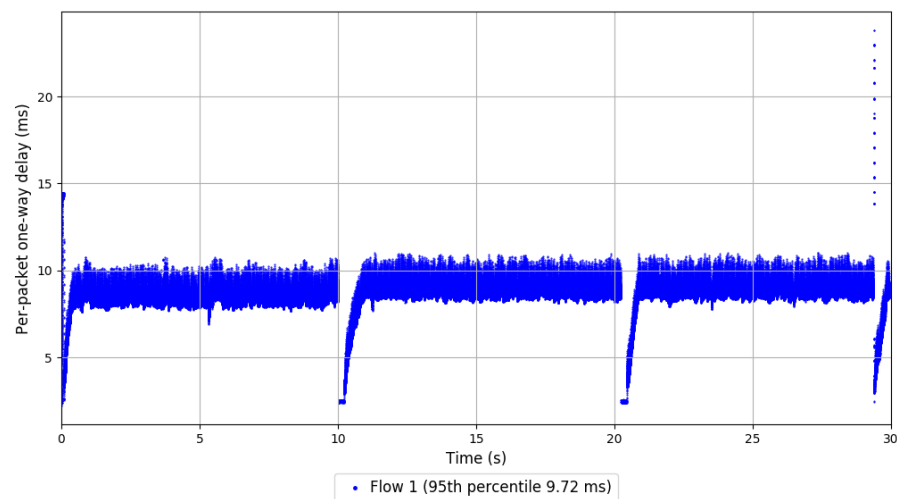
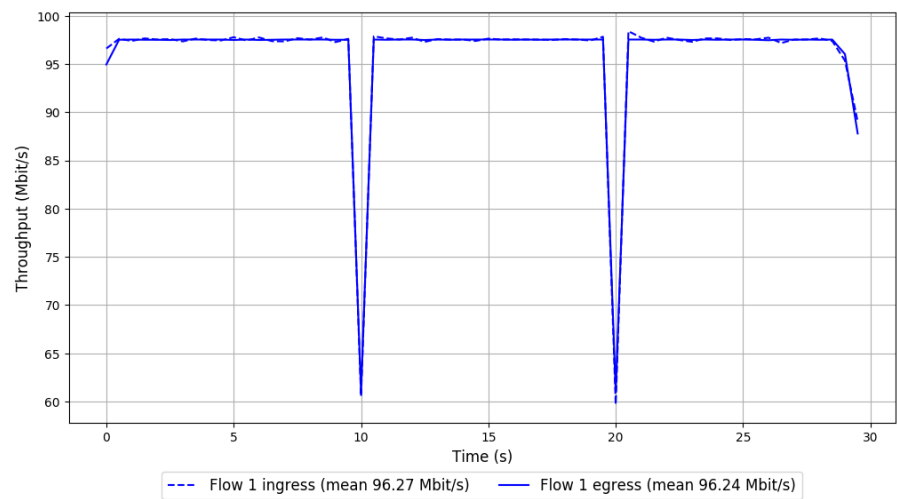
Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 9.725 ms

Loss rate: 0.05%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-01-25 06:14:08

End at: 2018-01-25 06:14:38

Local clock offset: 0.508 ms

Remote clock offset: 0.568 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.464 ms

Loss rate: 0.04%

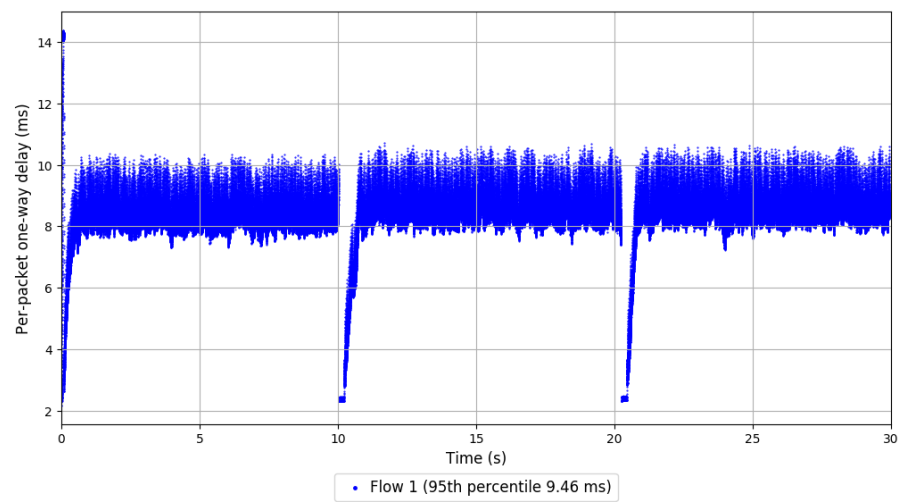
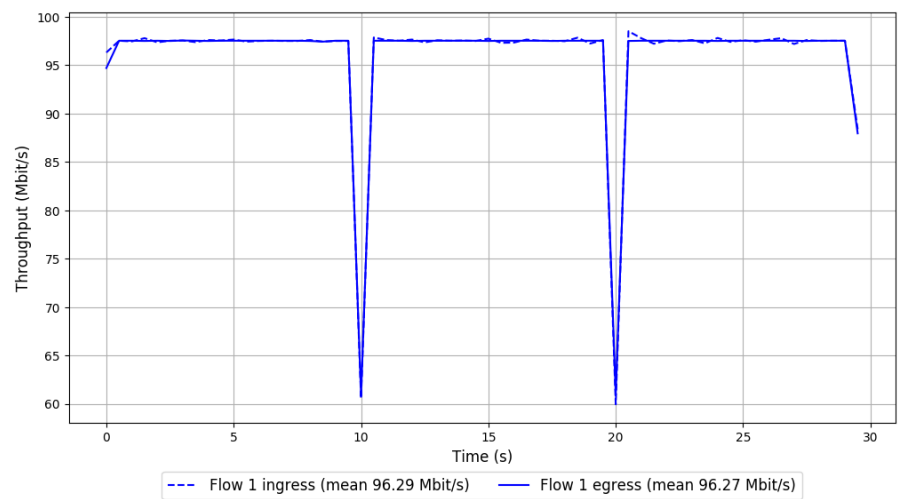
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.464 ms

Loss rate: 0.04%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-01-25 06:32:19

End at: 2018-01-25 06:32:49

Local clock offset: 0.542 ms

Remote clock offset: 0.594 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.800 ms

Loss rate: 0.04%

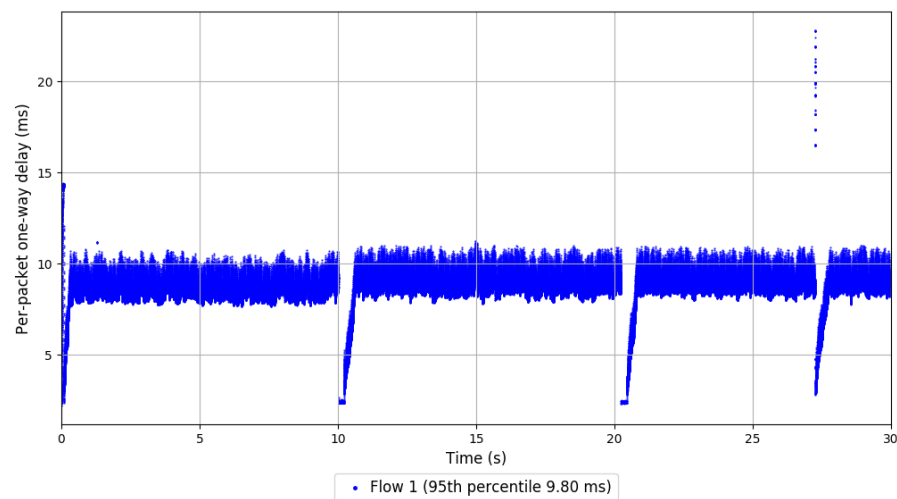
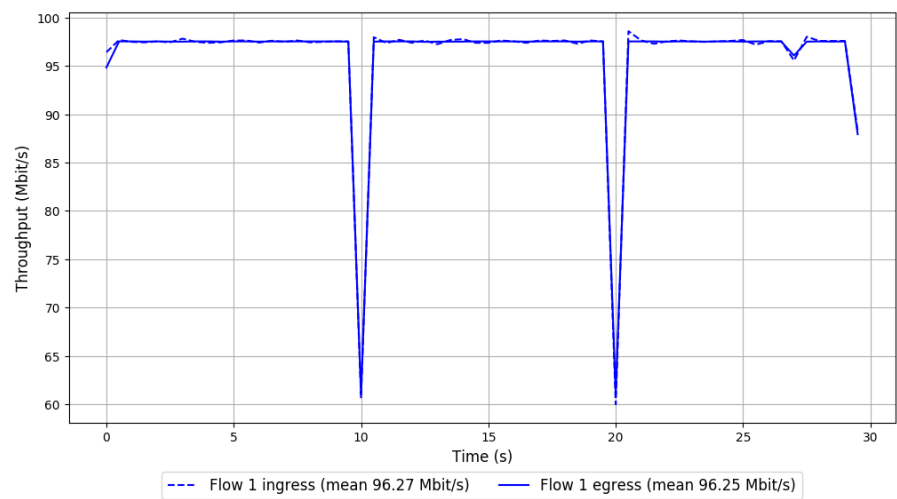
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.800 ms

Loss rate: 0.04%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-01-25 06:50:26

End at: 2018-01-25 06:50:56

Local clock offset: 0.573 ms

Remote clock offset: -0.265 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.30 Mbit/s

95th percentile per-packet one-way delay: 9.662 ms

Loss rate: 0.04%

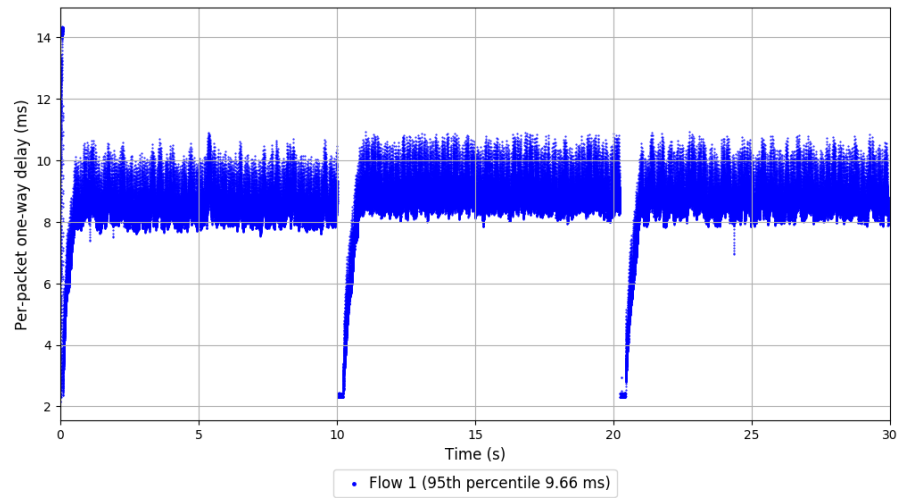
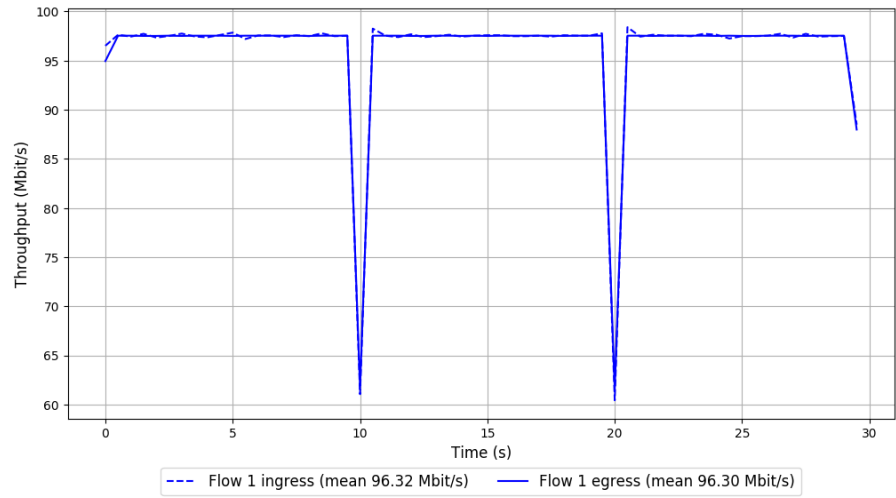
-- Flow 1:

Average throughput: 96.30 Mbit/s

95th percentile per-packet one-way delay: 9.662 ms

Loss rate: 0.04%

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



Run 5: Statistics of TCP BBR

Start at: 2018-01-25 07:08:36

End at: 2018-01-25 07:09:06

Local clock offset: 0.559 ms

Remote clock offset: -0.436 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 9.594 ms

Loss rate: 0.05%

-- Flow 1:

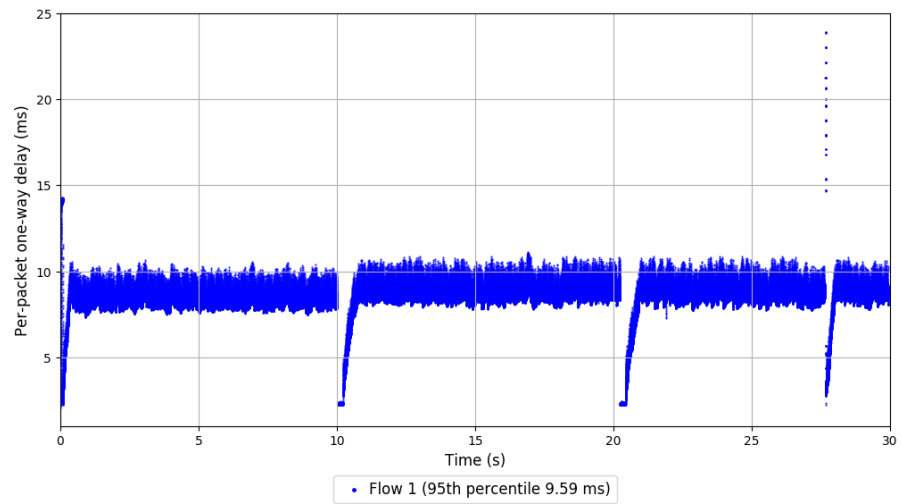
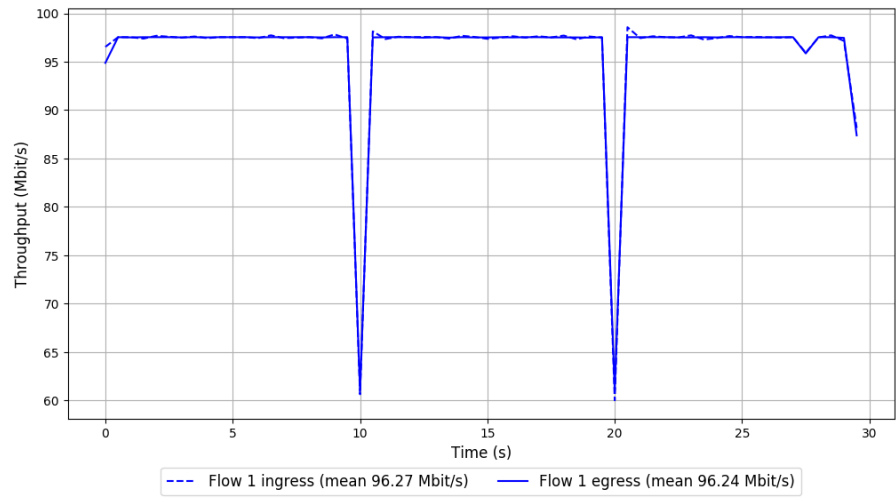
Average throughput: 96.24 Mbit/s

95th percentile per-packet one-way delay: 9.594 ms

Loss rate: 0.05%



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



Run 6: Statistics of TCP BBR

Start at: 2018-01-25 07:26:47

End at: 2018-01-25 07:27:17

Local clock offset: 0.63 ms

Remote clock offset: -0.371 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.571 ms

Loss rate: 0.05%

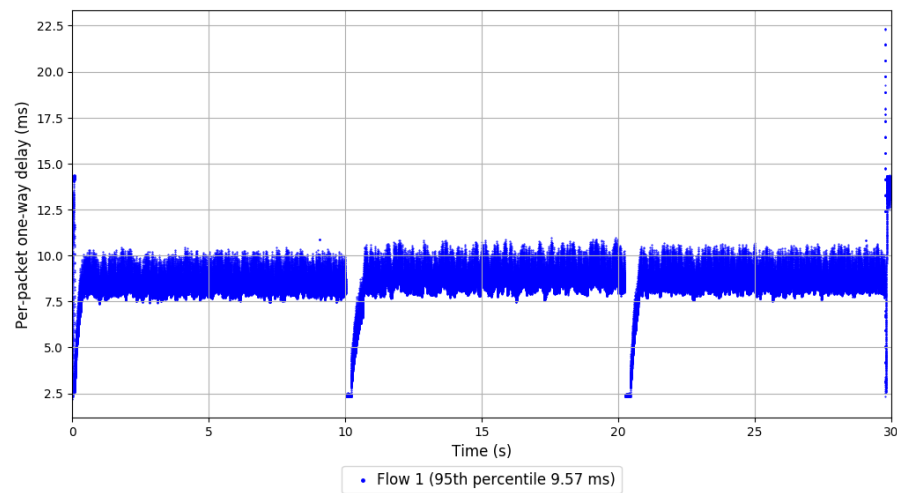
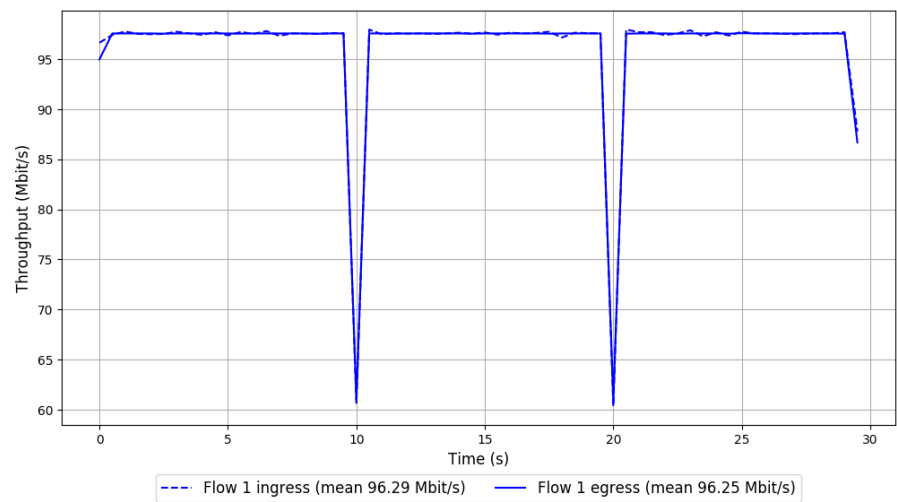
-- Flow 1:

Average throughput: 96.25 Mbit/s

95th percentile per-packet one-way delay: 9.571 ms

Loss rate: 0.05%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-01-25 07:44:57

End at: 2018-01-25 07:45:27

Local clock offset: 0.514 ms

Remote clock offset: -0.335 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.442 ms

Loss rate: 0.04%

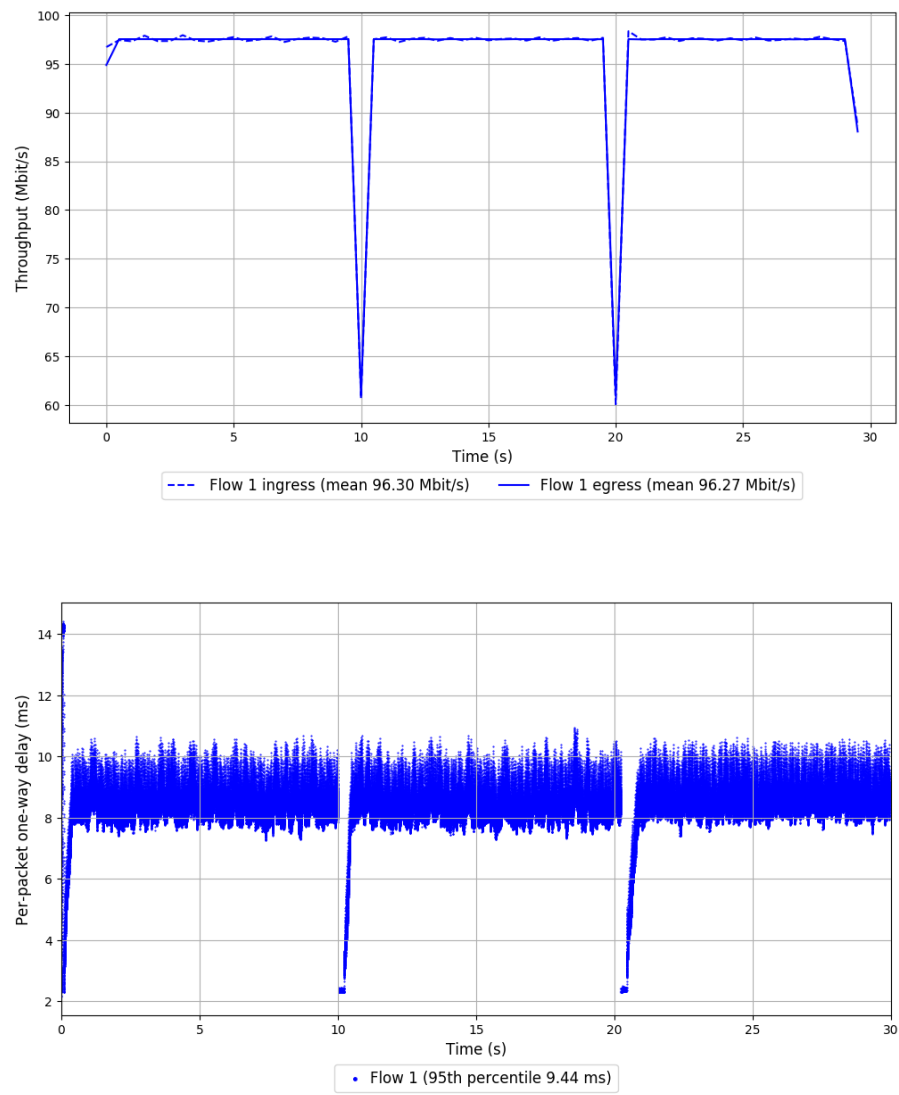
-- Flow 1:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 9.442 ms

Loss rate: 0.04%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-01-25 08:03:08

End at: 2018-01-25 08:03:38

Local clock offset: 0.485 ms

Remote clock offset: -0.225 ms

# Below is generated by plot.py at 2018-01-25 11:48:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 9.618 ms

Loss rate: 0.04%

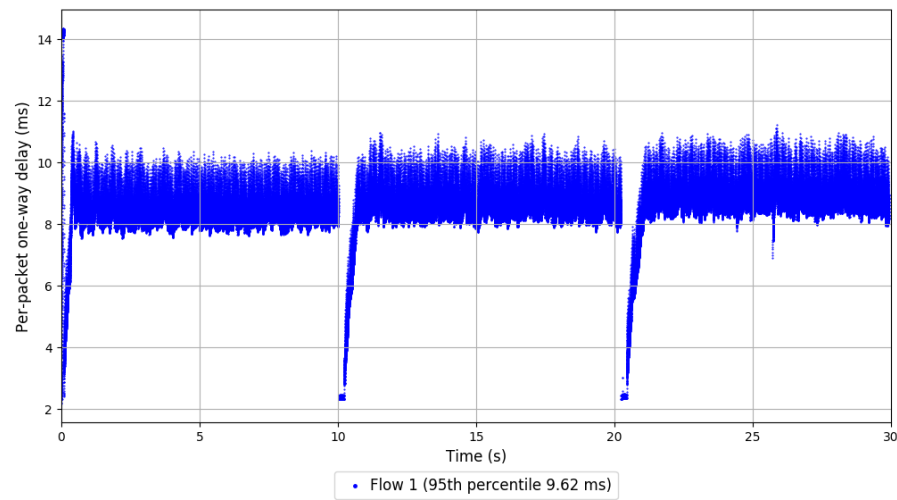
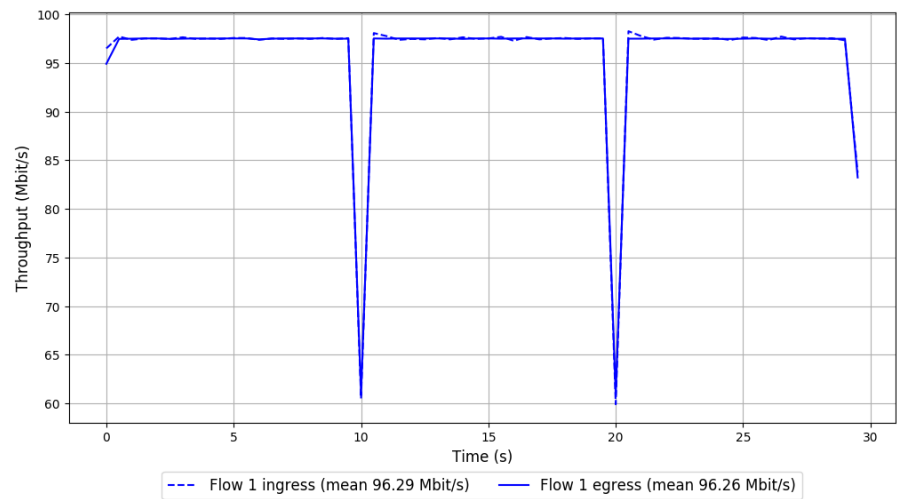
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 9.618 ms

Loss rate: 0.04%

Run 8: Report of TCP BBR — Data Link



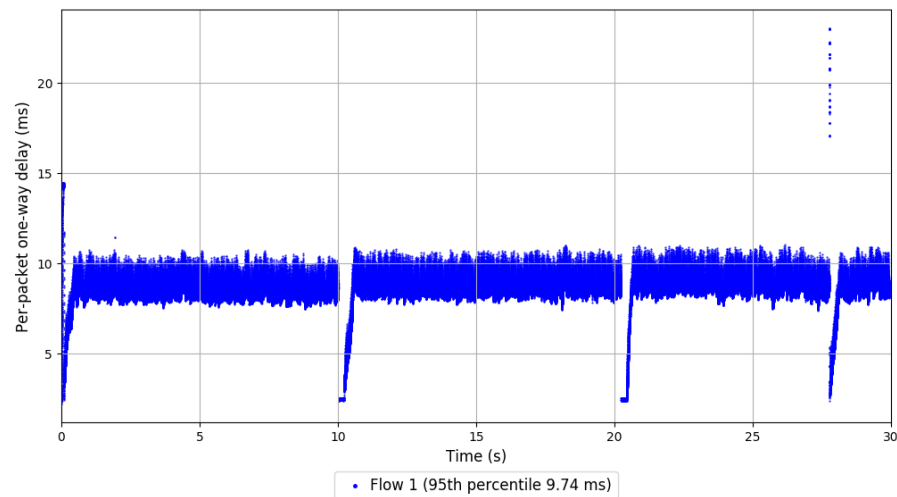
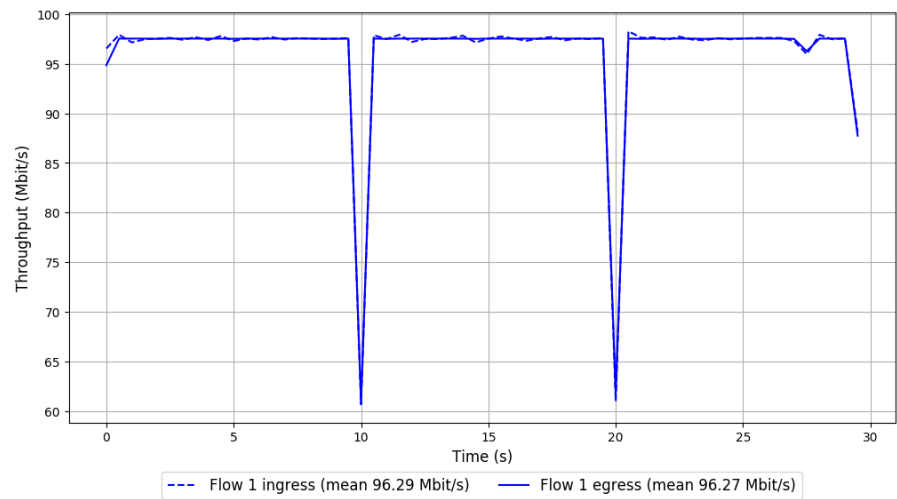
Run 9: Statistics of TCP BBR

Start at: 2018-01-25 08:21:19  
End at: 2018-01-25 08:21:49  
Local clock offset: 0.437 ms  
Remote clock offset: -0.278 ms

# Below is generated by plot.py at 2018-01-25 11:49:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.27 Mbit/s  
95th percentile per-packet one-way delay: 9.743 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 96.27 Mbit/s  
95th percentile per-packet one-way delay: 9.743 ms  
Loss rate: 0.04%



Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-01-25 08:39:26

End at: 2018-01-25 08:39:56

Local clock offset: 0.382 ms

Remote clock offset: -0.208 ms

# Below is generated by plot.py at 2018-01-25 11:49:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 9.568 ms

Loss rate: 0.04%

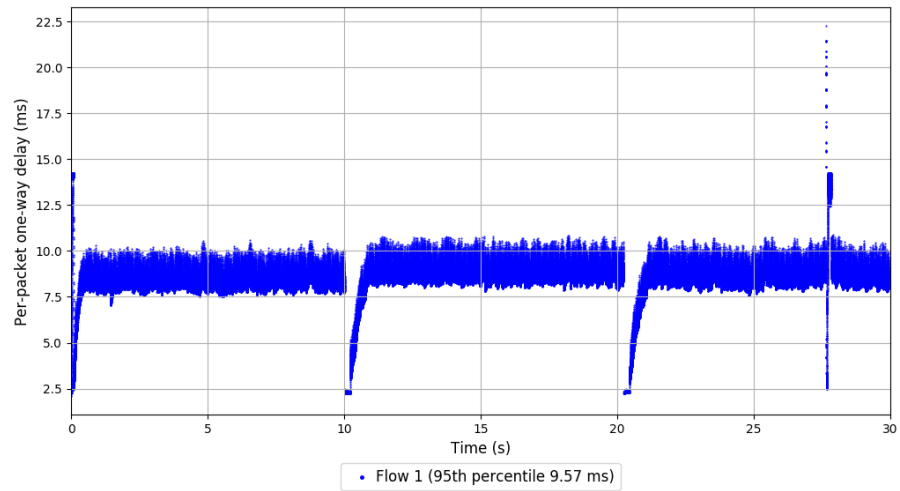
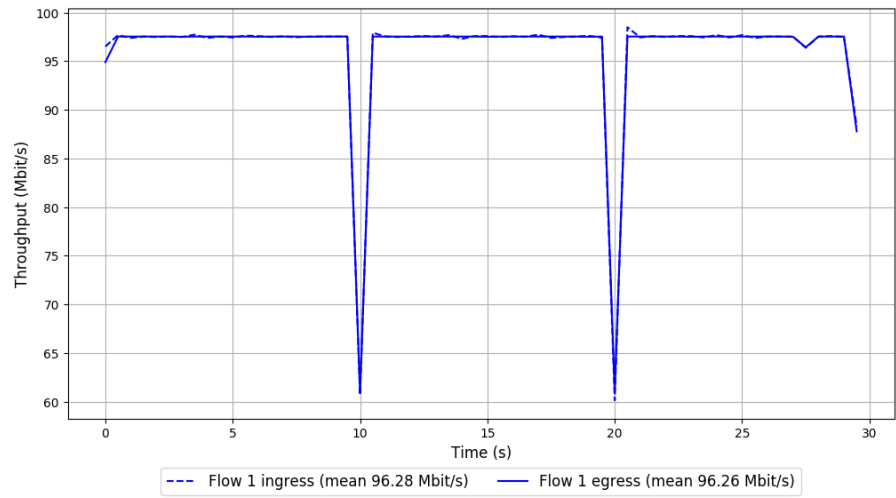
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 9.568 ms

Loss rate: 0.04%

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



Run 1: Statistics of TCP Cubic

Start at: 2018-01-25 05:53:40

End at: 2018-01-25 05:54:10

Local clock offset: 0.506 ms

Remote clock offset: 0.43 ms

# Below is generated by plot.py at 2018-01-25 11:49:39

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.343 ms

Loss rate: 0.06%

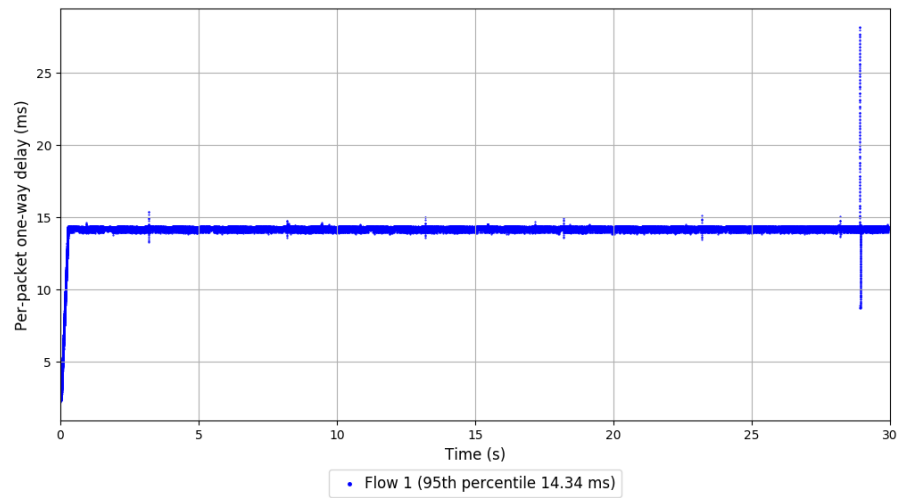
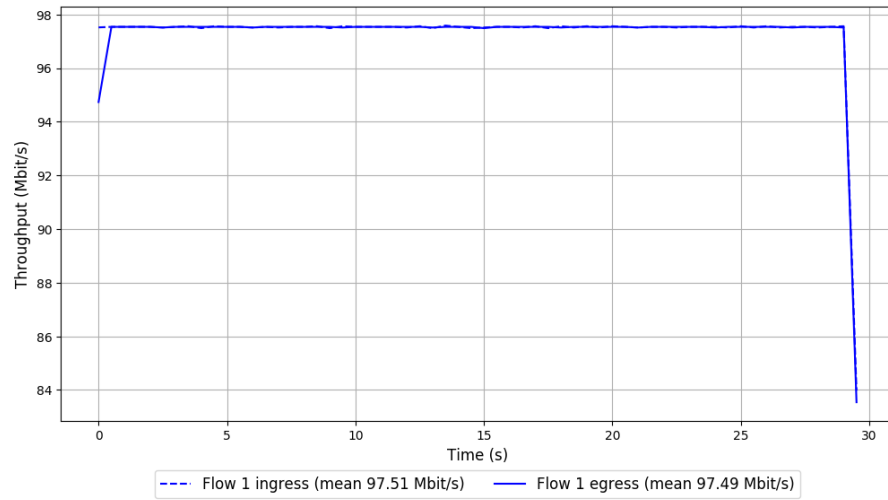
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.343 ms

Loss rate: 0.06%

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



Run 2: Statistics of TCP Cubic

Start at: 2018-01-25 06:11:50

End at: 2018-01-25 06:12:20

Local clock offset: 0.512 ms

Remote clock offset: 0.556 ms

# Below is generated by plot.py at 2018-01-25 11:49:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.327 ms

Loss rate: 0.06%

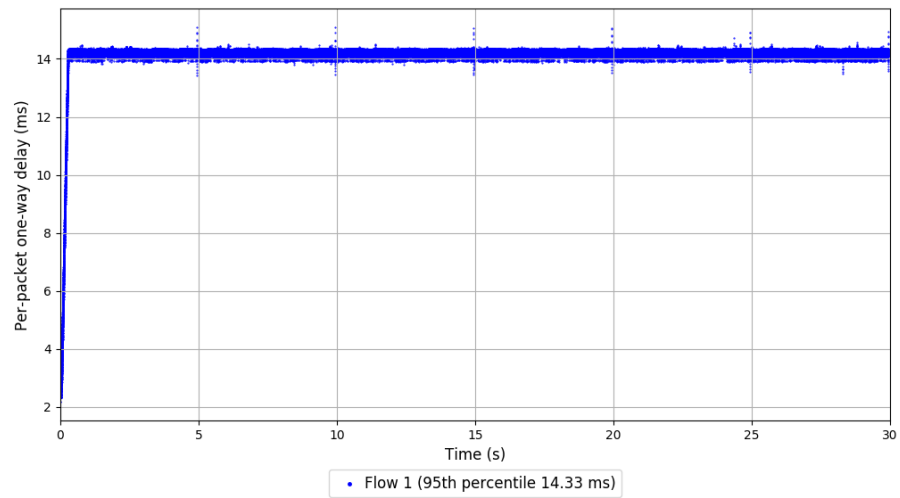
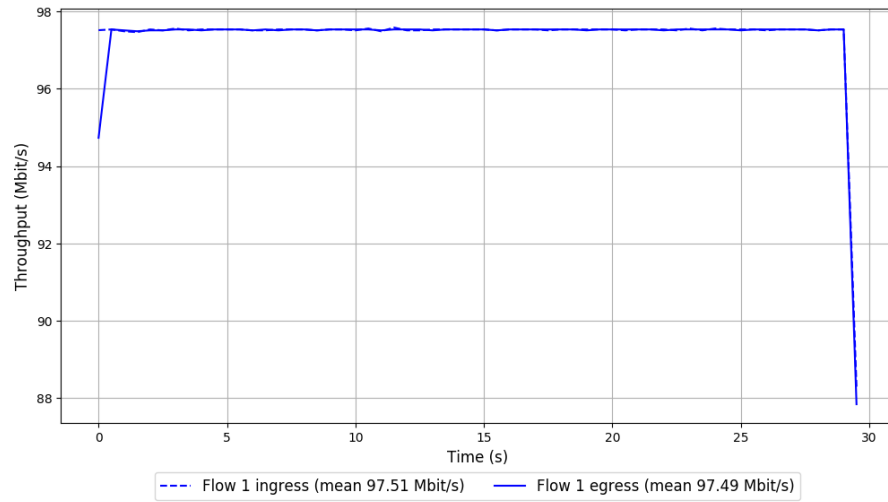
-- Flow 1:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.327 ms

Loss rate: 0.06%

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



Run 3: Statistics of TCP Cubic

Start at: 2018-01-25 06:30:01

End at: 2018-01-25 06:30:31

Local clock offset: 0.541 ms

Remote clock offset: 0.696 ms

# Below is generated by plot.py at 2018-01-25 11:49:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.324 ms

Loss rate: 0.06%

-- Flow 1:

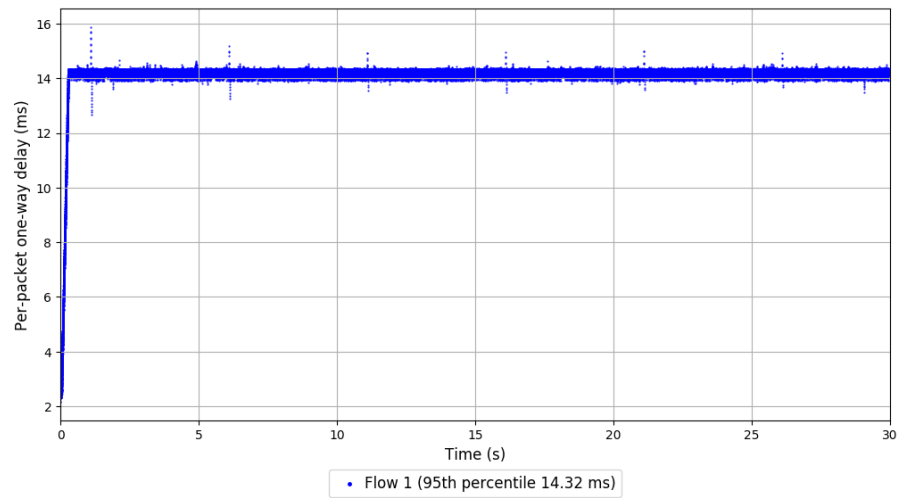
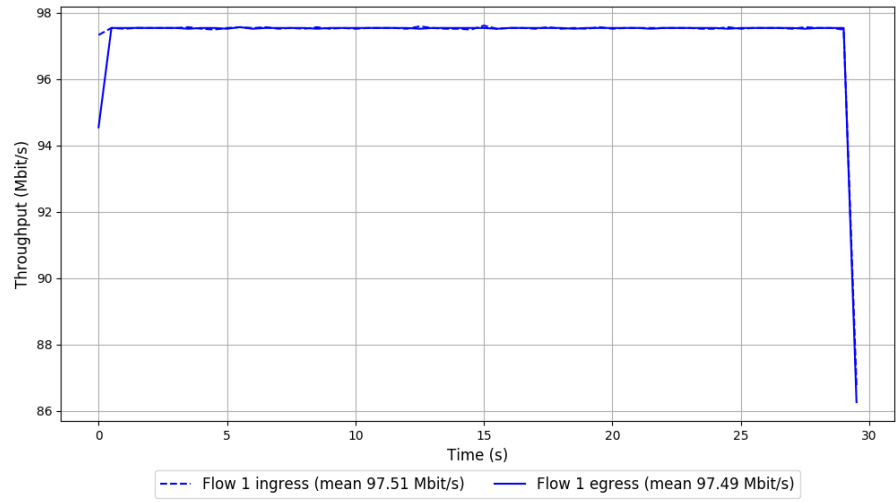
Average throughput: 97.49 Mbit/s

95th percentile per-packet one-way delay: 14.324 ms

Loss rate: 0.06%



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

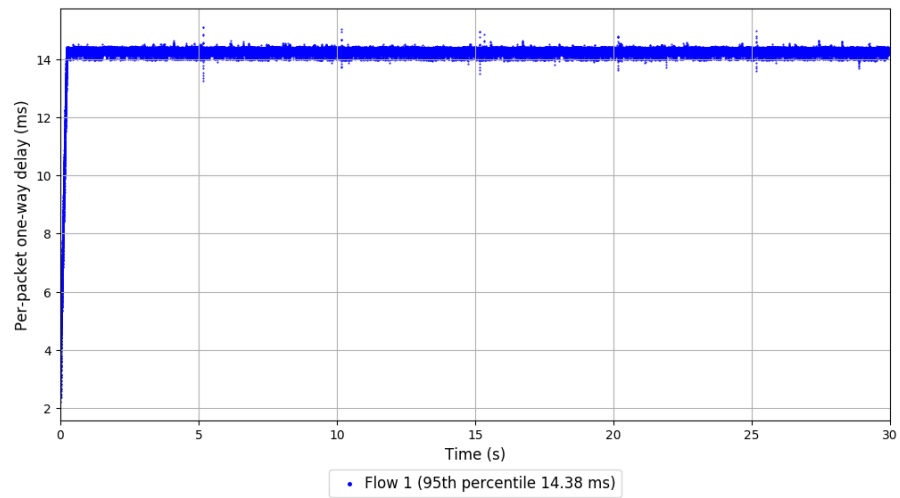
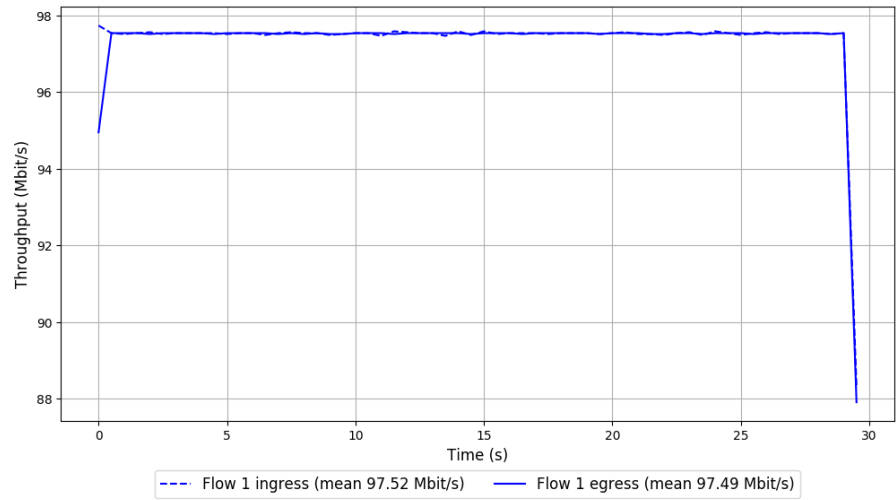


Run 4: Statistics of TCP Cubic

Start at: 2018-01-25 06:48:08  
End at: 2018-01-25 06:48:38  
Local clock offset: 0.577 ms  
Remote clock offset: -0.294 ms

# Below is generated by plot.py at 2018-01-25 11:49:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.383 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.383 ms  
Loss rate: 0.05%

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

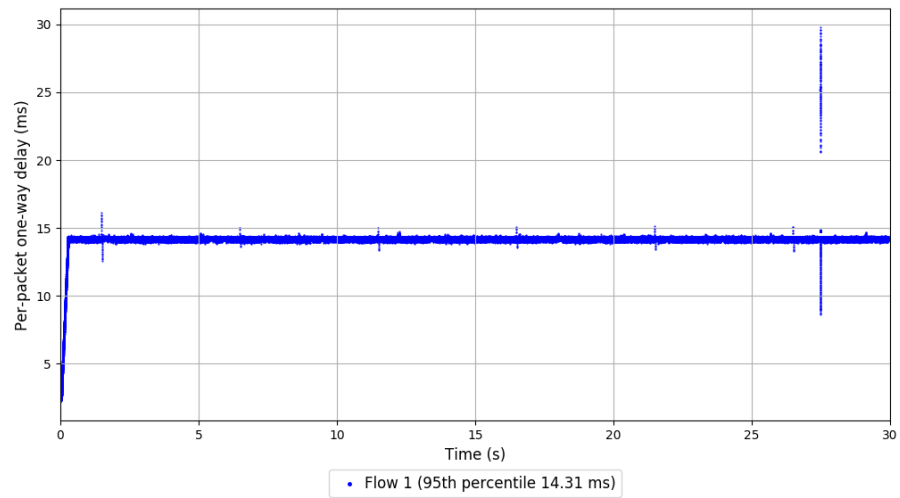
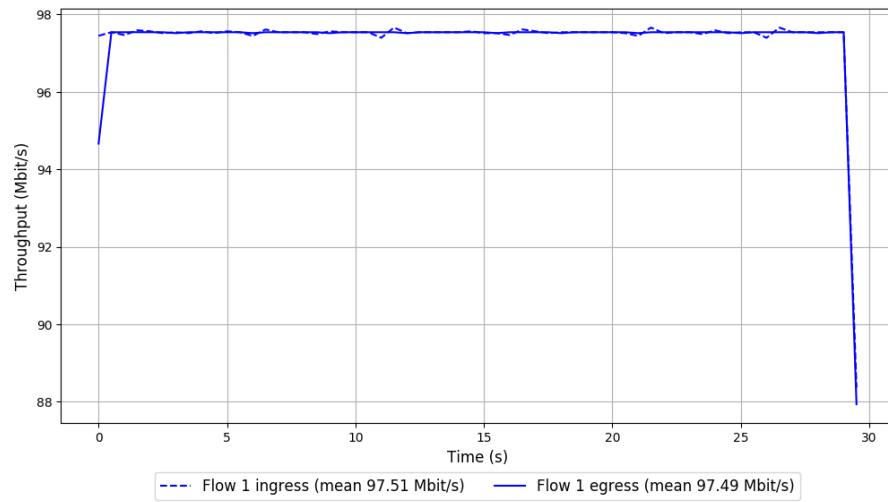


Run 5: Statistics of TCP Cubic

Start at: 2018-01-25 07:06:18  
End at: 2018-01-25 07:06:48  
Local clock offset: 0.606 ms  
Remote clock offset: -0.458 ms

# Below is generated by plot.py at 2018-01-25 11:49:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.308 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.308 ms  
Loss rate: 0.06%

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

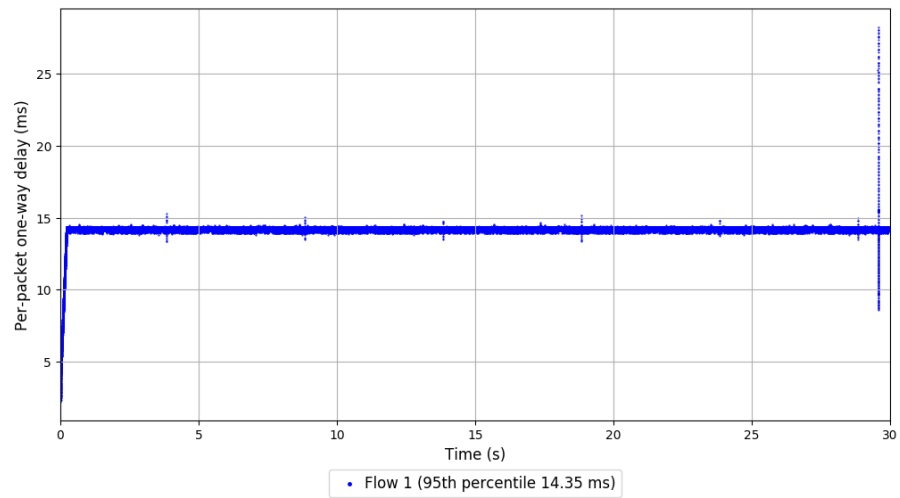
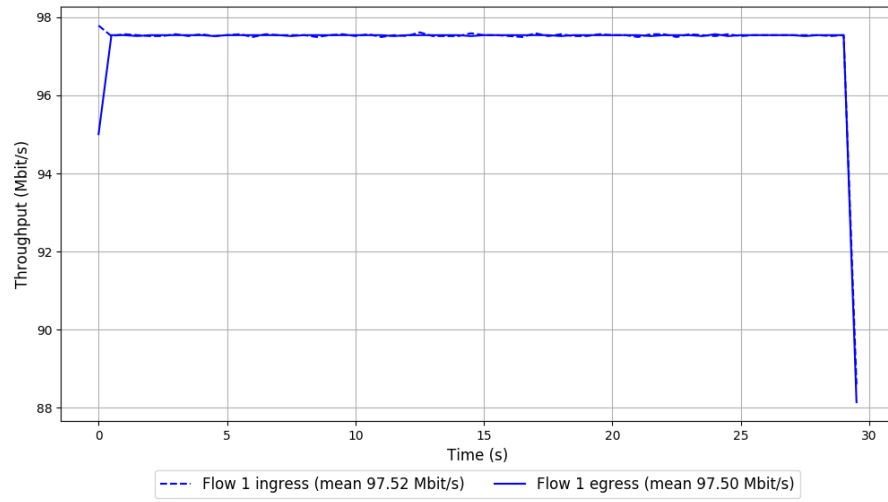


Run 6: Statistics of TCP Cubic

Start at: 2018-01-25 07:24:29  
End at: 2018-01-25 07:24:59  
Local clock offset: 0.629 ms  
Remote clock offset: -0.401 ms

# Below is generated by plot.py at 2018-01-25 11:49:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.50 Mbit/s  
95th percentile per-packet one-way delay: 14.346 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 97.50 Mbit/s  
95th percentile per-packet one-way delay: 14.346 ms  
Loss rate: 0.06%

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



Run 7: Statistics of TCP Cubic

Start at: 2018-01-25 07:42:39

End at: 2018-01-25 07:43:09

Local clock offset: 0.521 ms

Remote clock offset: -0.29 ms

# Below is generated by plot.py at 2018-01-25 11:51:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.266 ms

Loss rate: 0.06%

-- Flow 1:

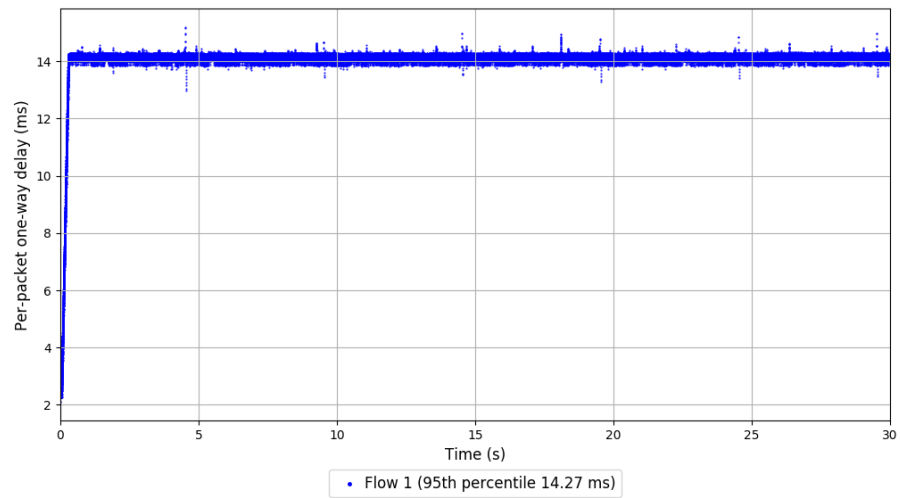
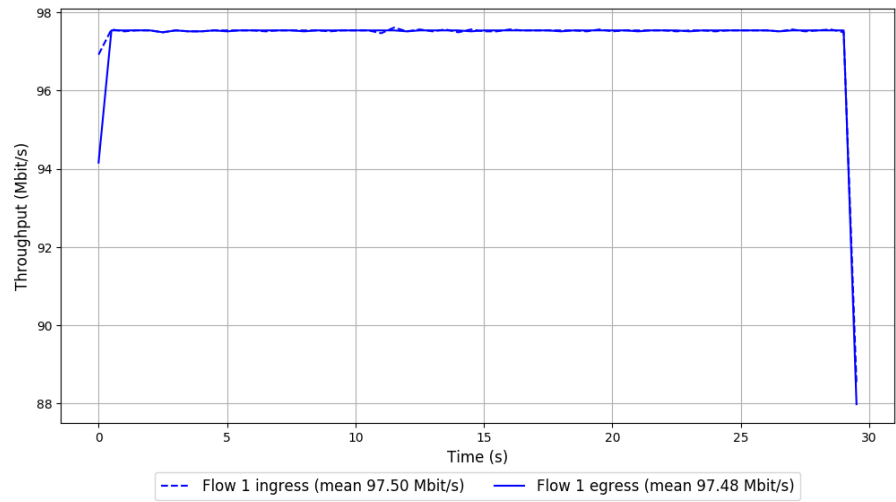
Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.266 ms

Loss rate: 0.06%



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

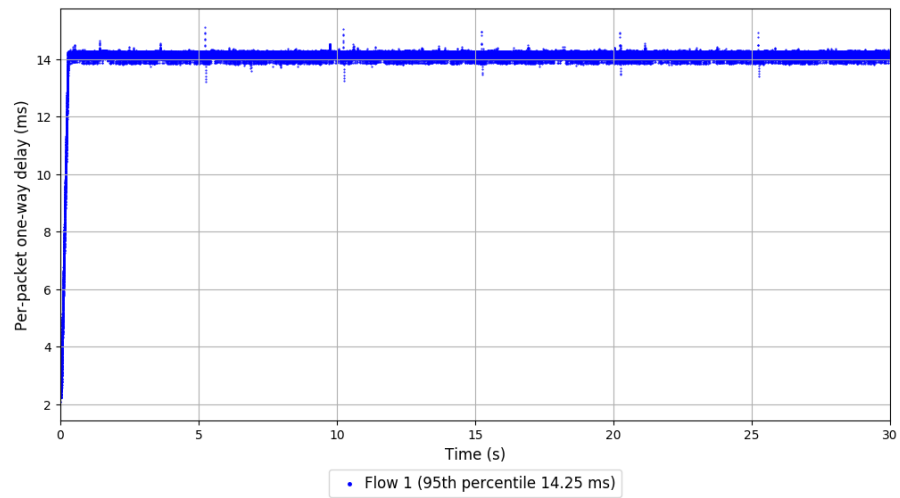
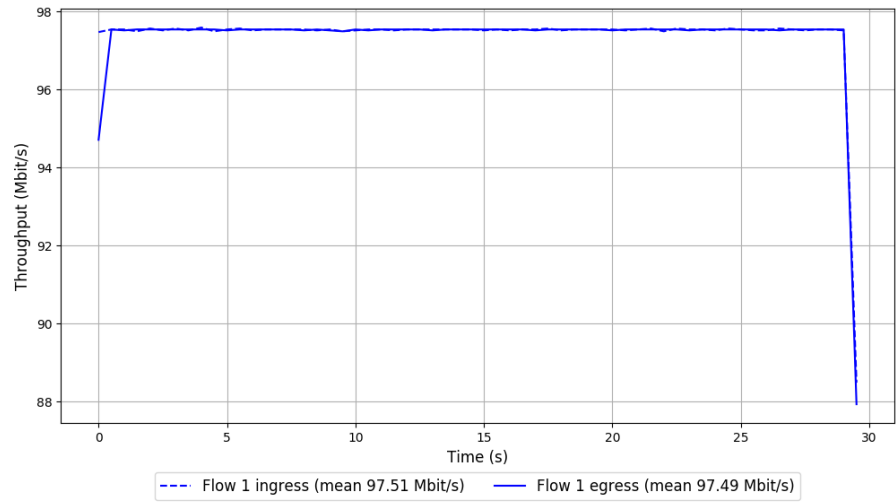


Run 8: Statistics of TCP Cubic

Start at: 2018-01-25 08:00:50  
End at: 2018-01-25 08:01:20  
Local clock offset: 0.409 ms  
Remote clock offset: -0.235 ms

# Below is generated by plot.py at 2018-01-25 11:51:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.254 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.254 ms  
Loss rate: 0.06%

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

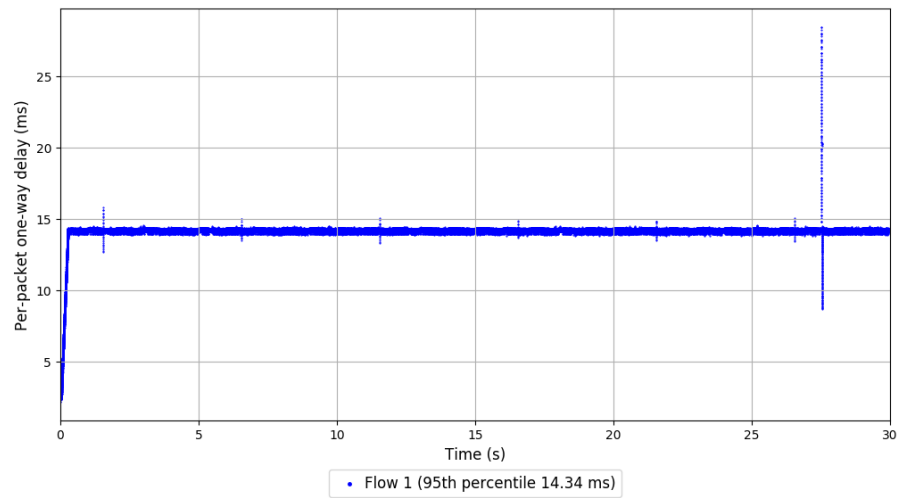
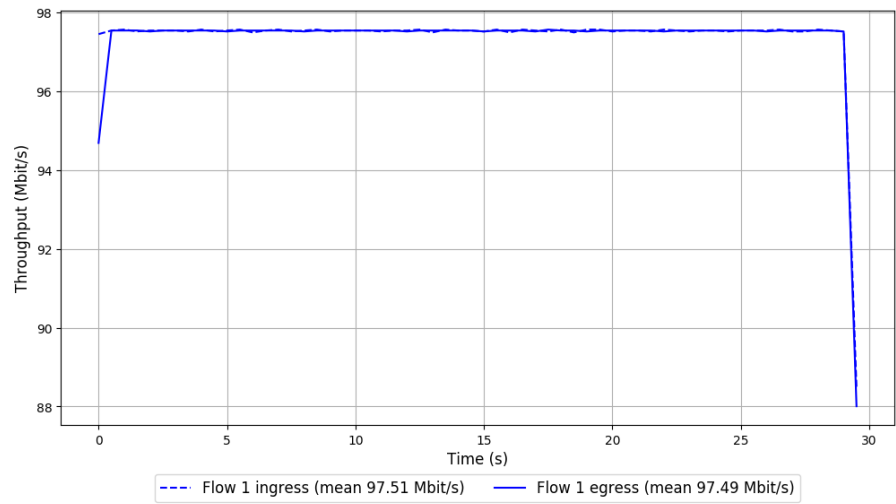


Run 9: Statistics of TCP Cubic

Start at: 2018-01-25 08:19:01  
End at: 2018-01-25 08:19:31  
Local clock offset: 0.435 ms  
Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2018-01-25 11:51:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.337 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 97.49 Mbit/s  
95th percentile per-packet one-way delay: 14.337 ms  
Loss rate: 0.06%

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



Run 10: Statistics of TCP Cubic

Start at: 2018-01-25 08:37:08

End at: 2018-01-25 08:37:38

Local clock offset: 0.443 ms

Remote clock offset: -0.212 ms

# Below is generated by plot.py at 2018-01-25 11:51:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.331 ms

Loss rate: 0.05%

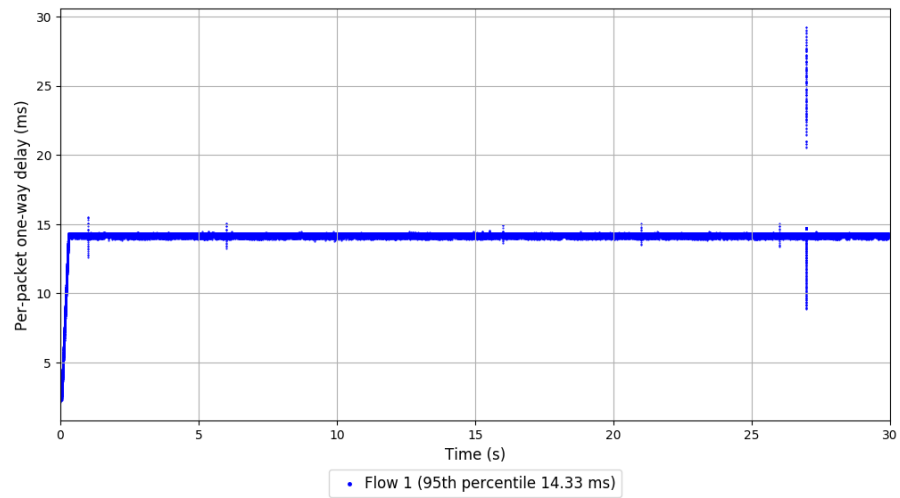
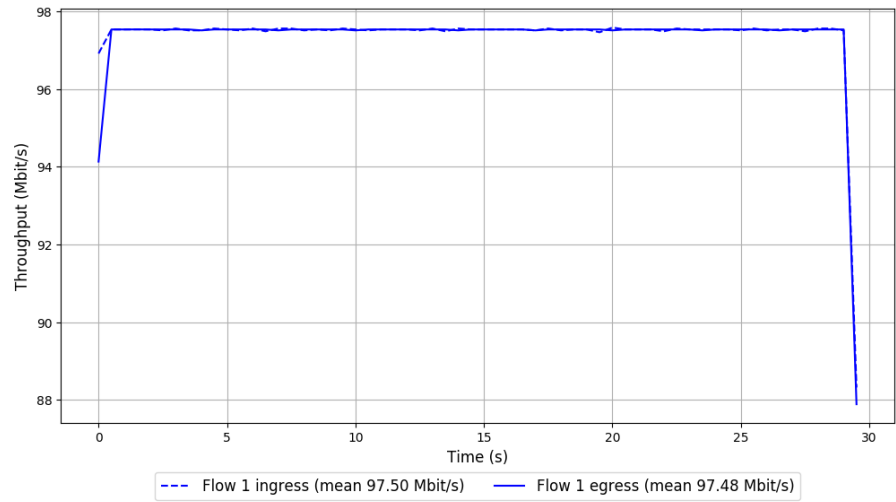
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 14.331 ms

Loss rate: 0.05%

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



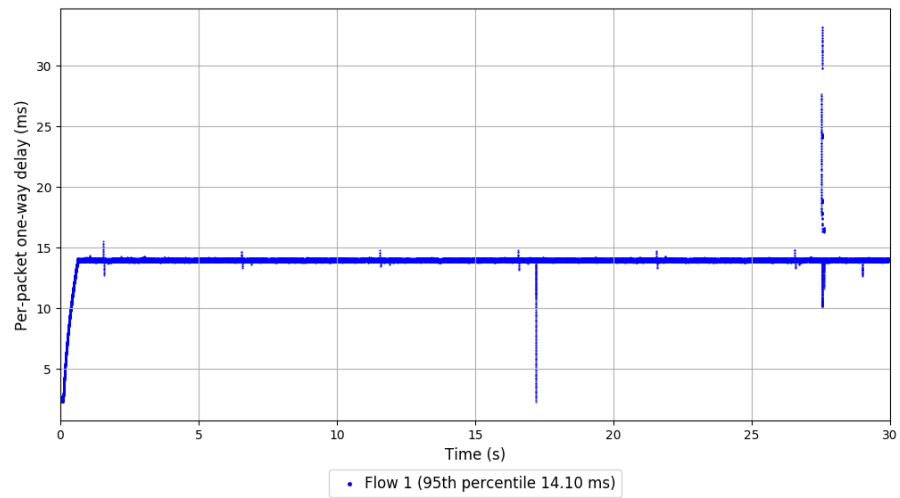
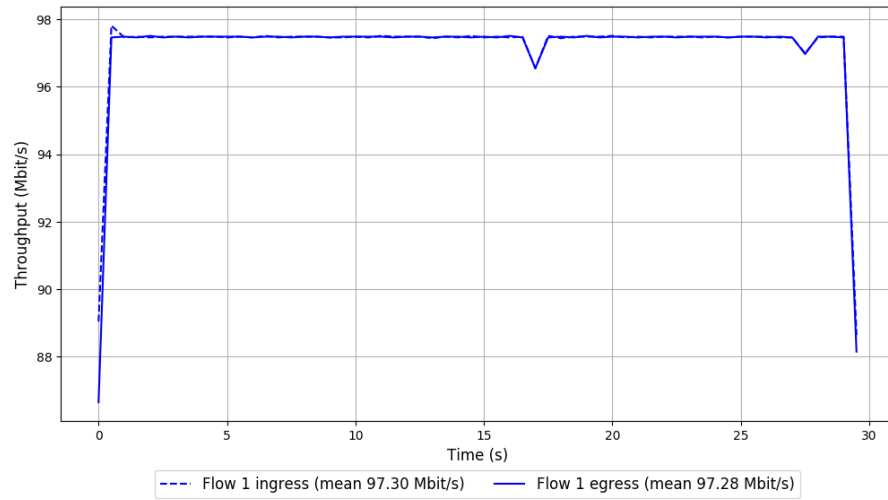
```
Run 1: Statistics of LEDBAT

Start at: 2018-01-25 05:54:48
End at: 2018-01-25 05:55:18
Local clock offset: 0.509 ms
Remote clock offset: 0.445 ms

# Below is generated by plot.py at 2018-01-25 11:51:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.098 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.098 ms
Loss rate: 0.06%
```



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



Run 2: Statistics of LEDBAT

Start at: 2018-01-25 06:12:58

End at: 2018-01-25 06:13:28

Local clock offset: 0.512 ms

Remote clock offset: 0.558 ms

# Below is generated by plot.py at 2018-01-25 11:51:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 14.087 ms

Loss rate: 0.06%

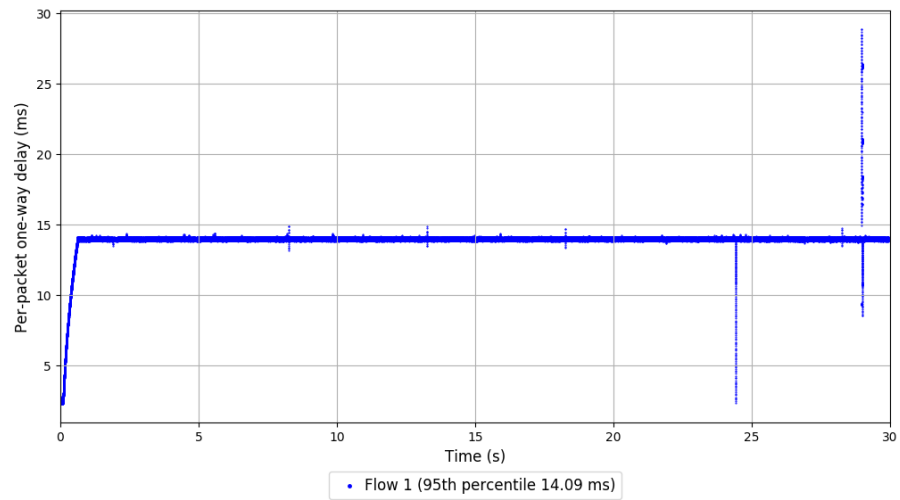
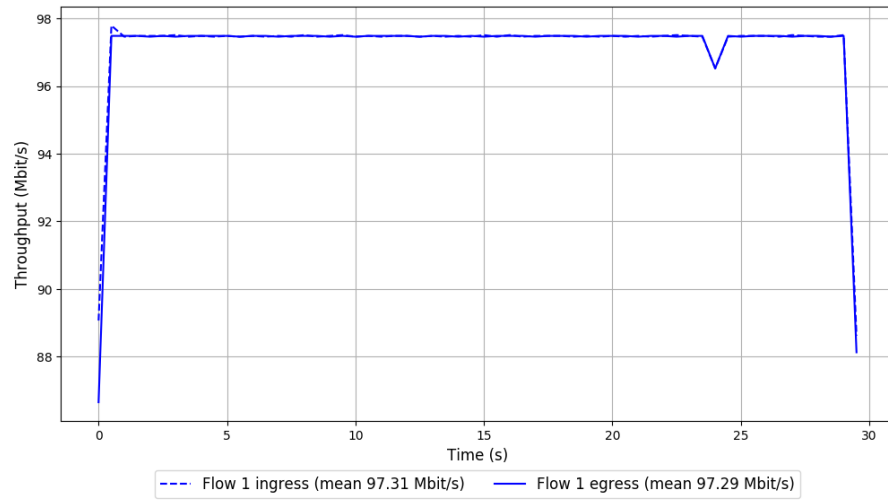
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 14.087 ms

Loss rate: 0.06%

## Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-01-25 06:31:09

End at: 2018-01-25 06:31:39

Local clock offset: 0.536 ms

Remote clock offset: 0.699 ms

# Below is generated by plot.py at 2018-01-25 11:51:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.053 ms

Loss rate: 0.06%

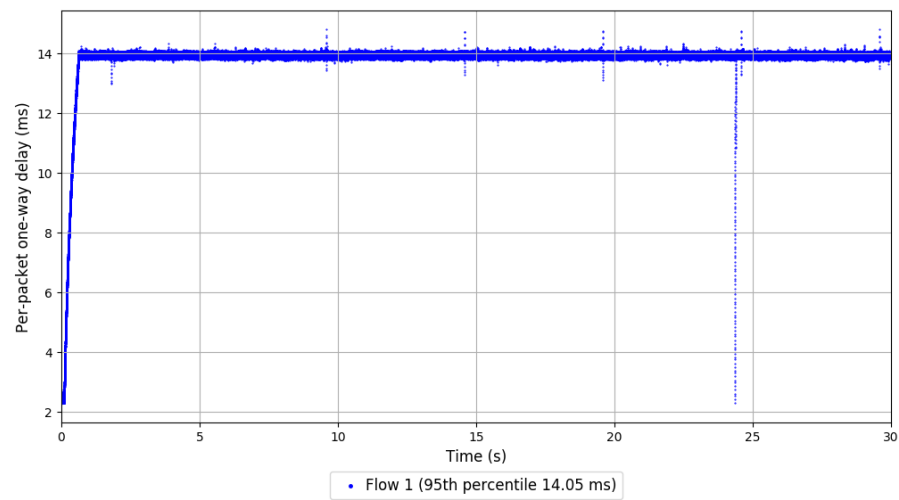
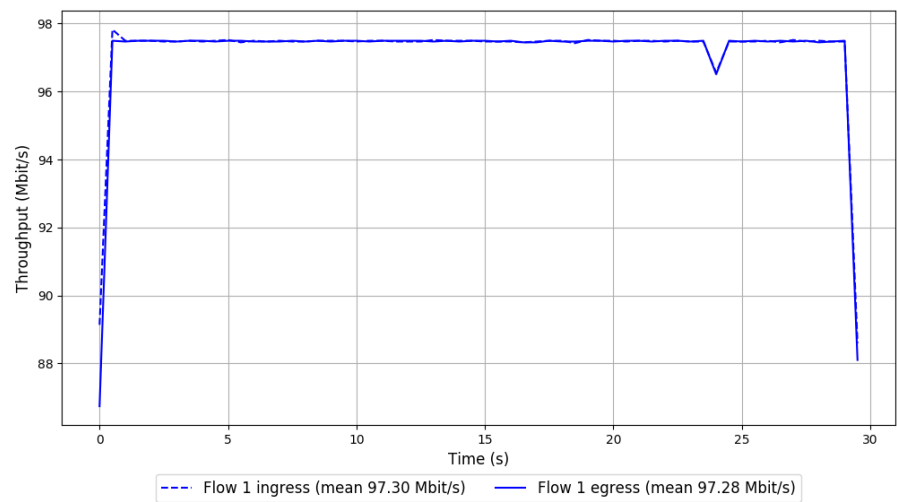
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 14.053 ms

Loss rate: 0.06%

Run 3: Report of LEDBAT — Data Link

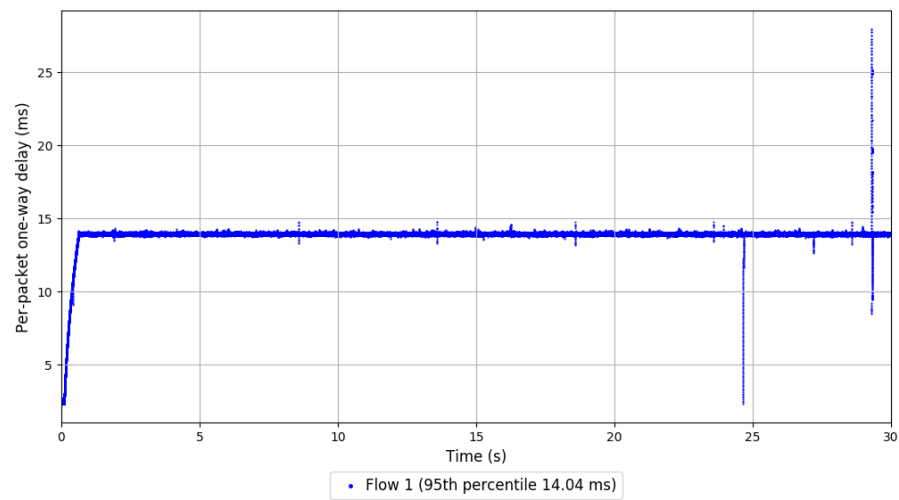
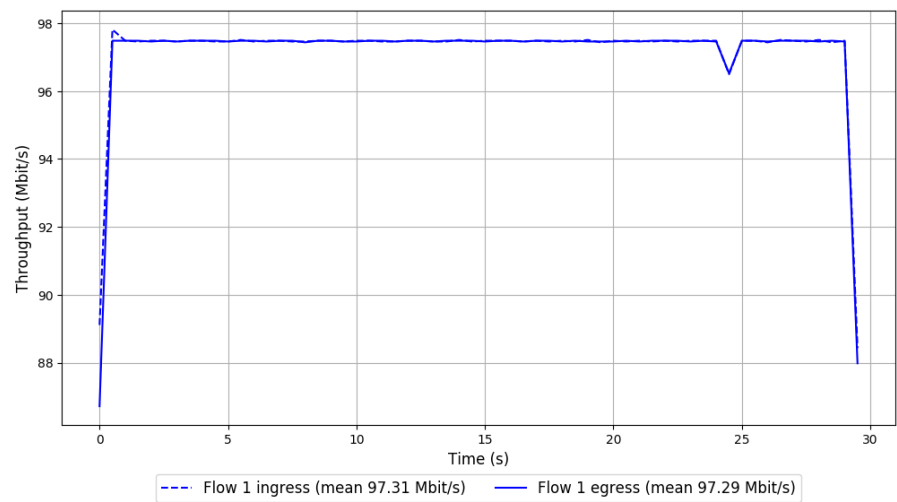


Run 4: Statistics of LEDBAT

Start at: 2018-01-25 06:49:16  
End at: 2018-01-25 06:49:46  
Local clock offset: 0.585 ms  
Remote clock offset: -0.241 ms

# Below is generated by plot.py at 2018-01-25 11:51:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.036 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.036 ms  
Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link



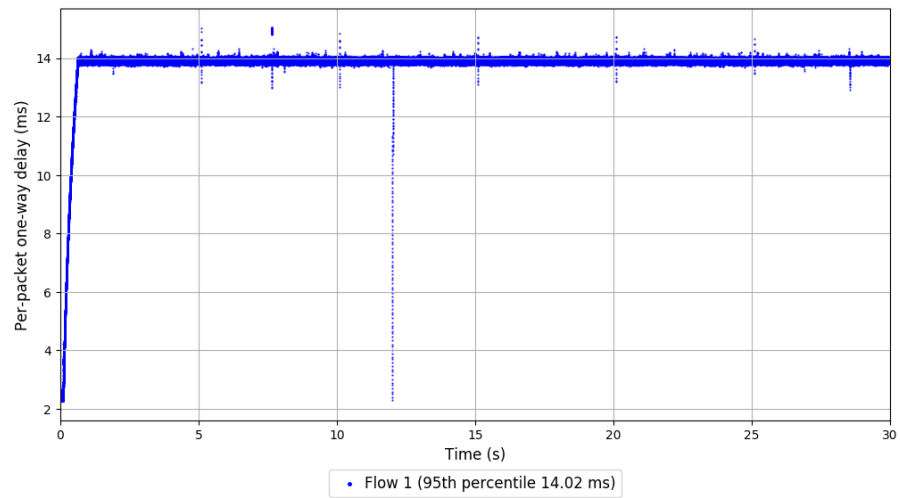
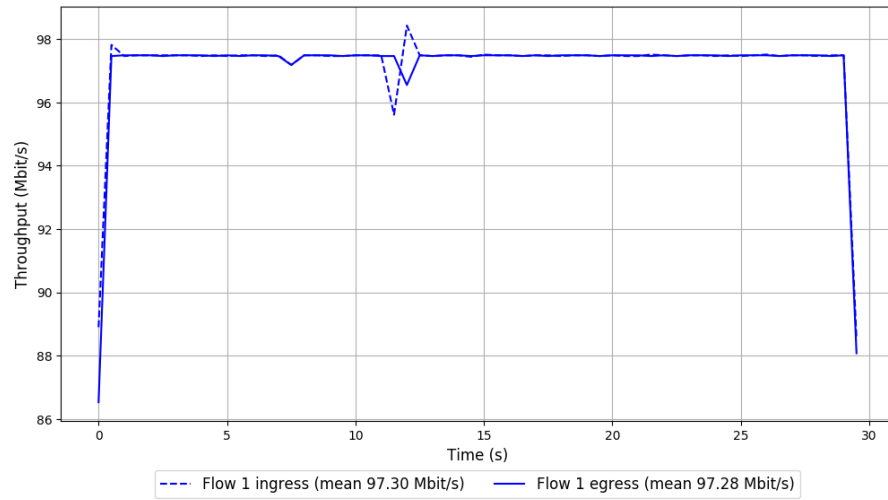
Run 5: Statistics of LEDBAT

Start at: 2018-01-25 07:07:27  
End at: 2018-01-25 07:07:57  
Local clock offset: 0.552 ms  
Remote clock offset: -0.464 ms

# Below is generated by plot.py at 2018-01-25 11:52:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.28 Mbit/s  
95th percentile per-packet one-way delay: 14.020 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 97.28 Mbit/s  
95th percentile per-packet one-way delay: 14.020 ms  
Loss rate: 0.05%



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



Run 6: Statistics of LEDBAT

Start at: 2018-01-25 07:25:37

End at: 2018-01-25 07:26:07

Local clock offset: 0.571 ms

Remote clock offset: -0.38 ms

# Below is generated by plot.py at 2018-01-25 11:52:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 13.995 ms

Loss rate: 0.06%

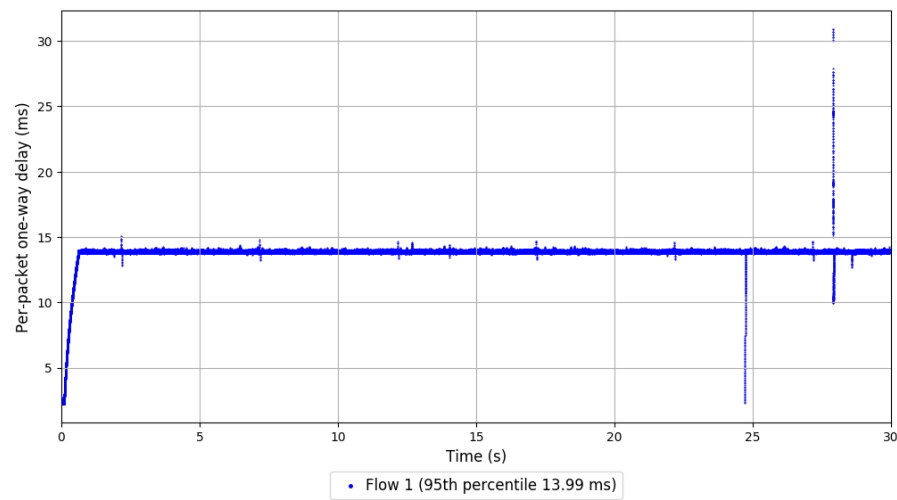
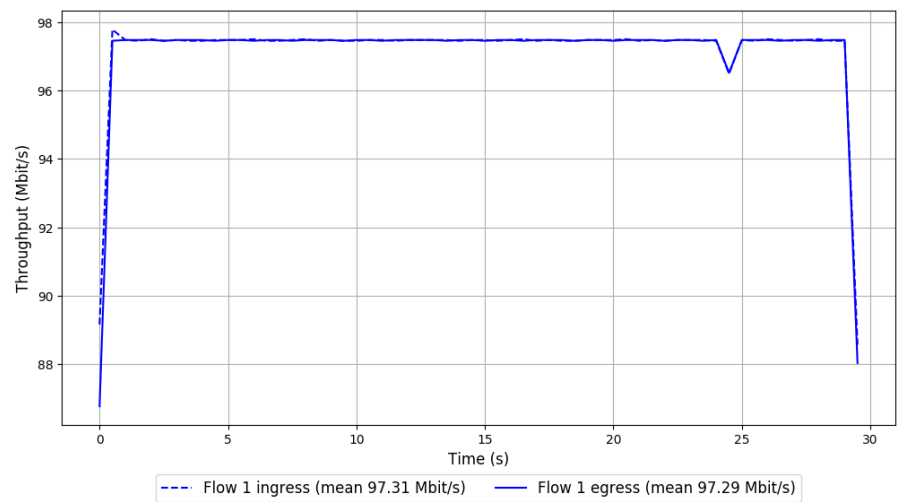
-- Flow 1:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 13.995 ms

Loss rate: 0.06%

Run 6: Report of LEDBAT — Data Link

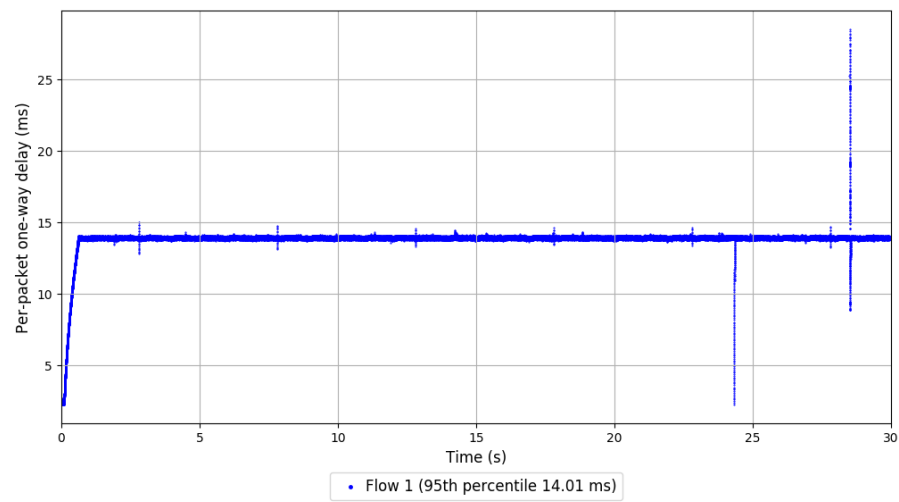
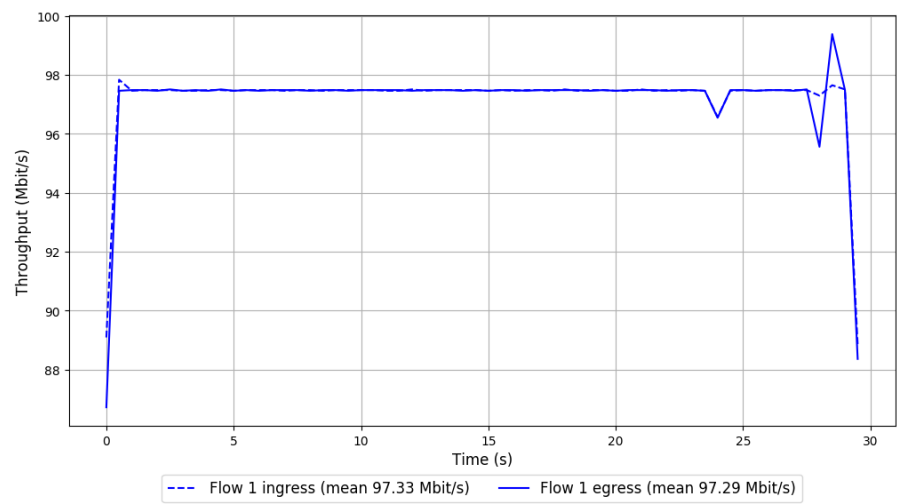


Run 7: Statistics of LEDBAT

Start at: 2018-01-25 07:43:48  
End at: 2018-01-25 07:44:18  
Local clock offset: 0.524 ms  
Remote clock offset: -0.277 ms

# Below is generated by plot.py at 2018-01-25 11:52:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.007 ms  
Loss rate: 0.05%  
-- Flow 1:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.007 ms  
Loss rate: 0.05%

Run 7: Report of LEDBAT — Data Link

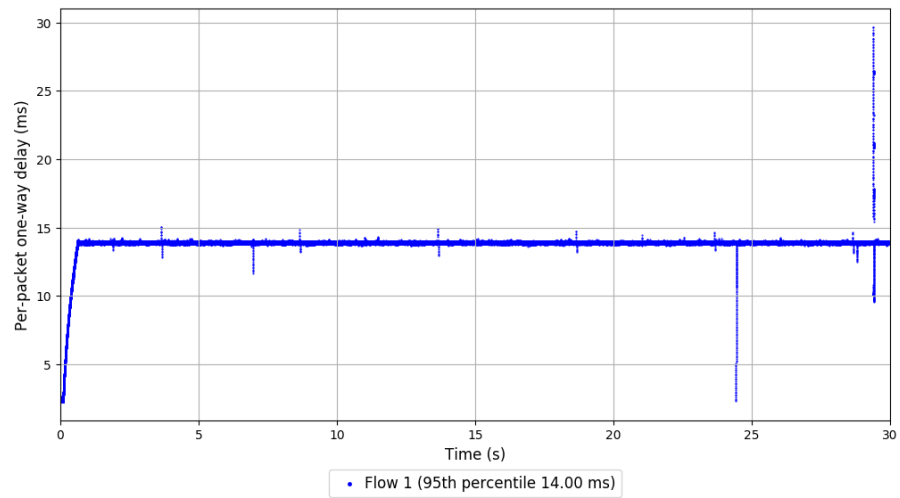
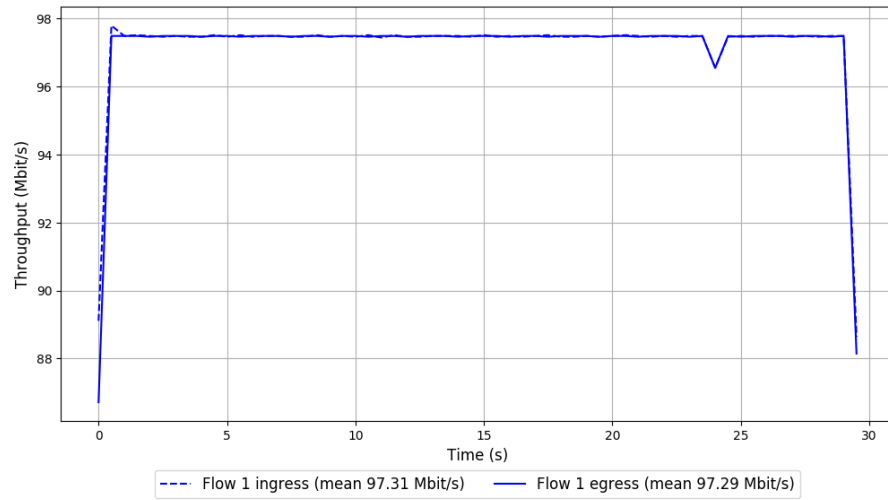


Run 8: Statistics of LEDBAT

Start at: 2018-01-25 08:01:59  
End at: 2018-01-25 08:02:29  
Local clock offset: 0.487 ms  
Remote clock offset: -0.186 ms

# Below is generated by plot.py at 2018-01-25 11:52:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.003 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.003 ms  
Loss rate: 0.06%

## Run 8: Report of LEDBAT — Data Link



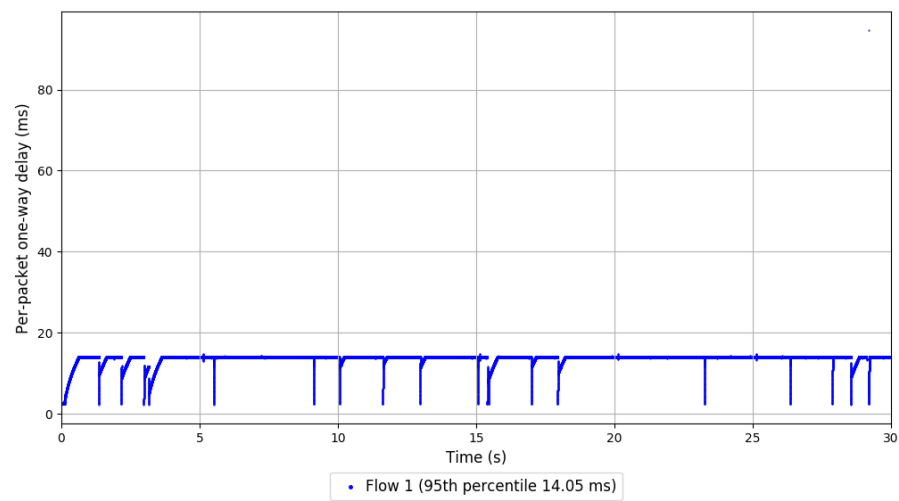
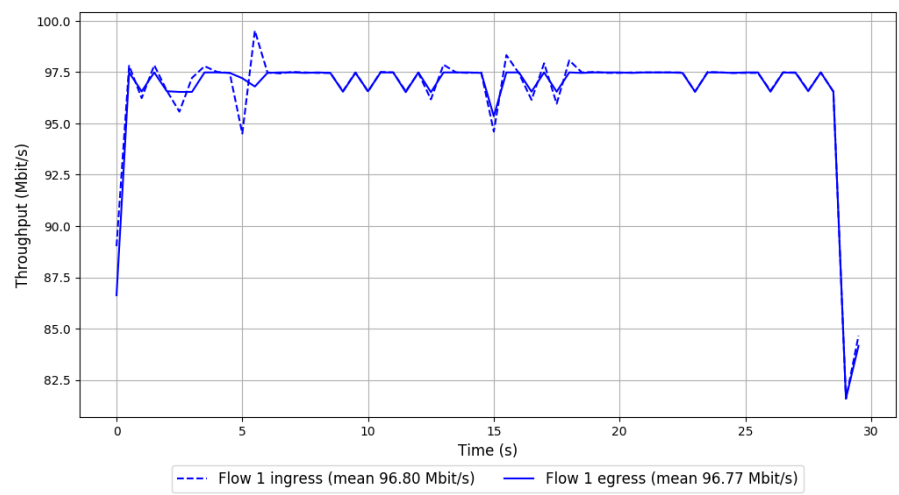
Run 9: Statistics of LEDBAT

Start at: 2018-01-25 08:20:09  
End at: 2018-01-25 08:20:39  
Local clock offset: 0.429 ms  
Remote clock offset: -0.214 ms

# Below is generated by plot.py at 2018-01-25 11:52:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.77 Mbit/s  
95th percentile per-packet one-way delay: 14.046 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 96.77 Mbit/s  
95th percentile per-packet one-way delay: 14.046 ms  
Loss rate: 0.06%



Run 9: Report of LEDBAT — Data Link

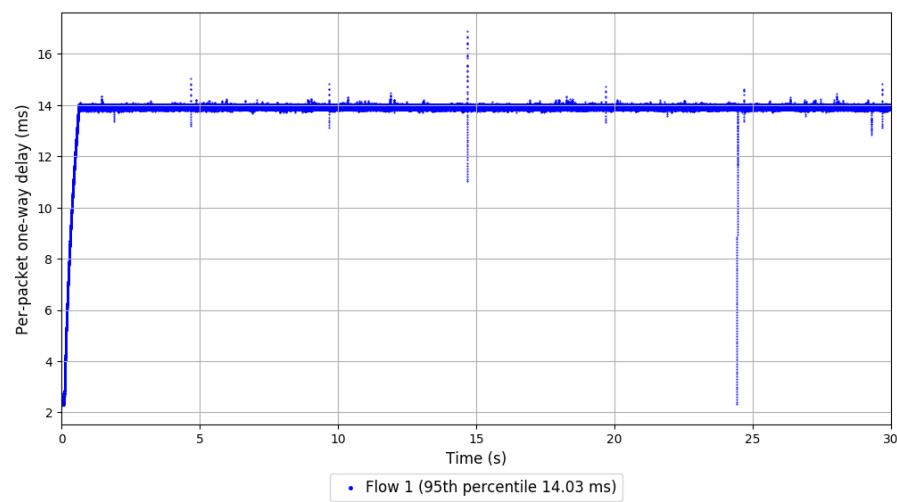
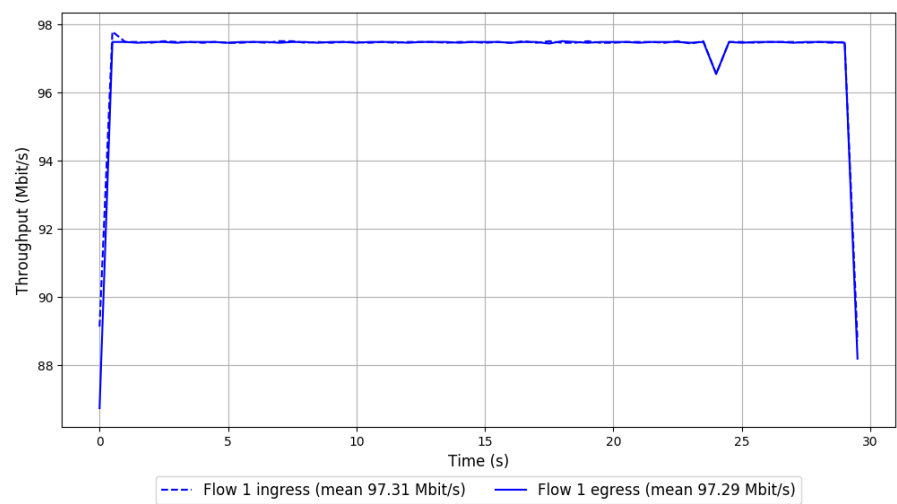


Run 10: Statistics of LEDBAT

Start at: 2018-01-25 08:38:16  
End at: 2018-01-25 08:38:46  
Local clock offset: 0.461 ms  
Remote clock offset: -0.184 ms

# Below is generated by plot.py at 2018-01-25 11:52:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.026 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 97.29 Mbit/s  
95th percentile per-packet one-way delay: 14.026 ms  
Loss rate: 0.06%

Run 10: Report of LEDBAT — Data Link

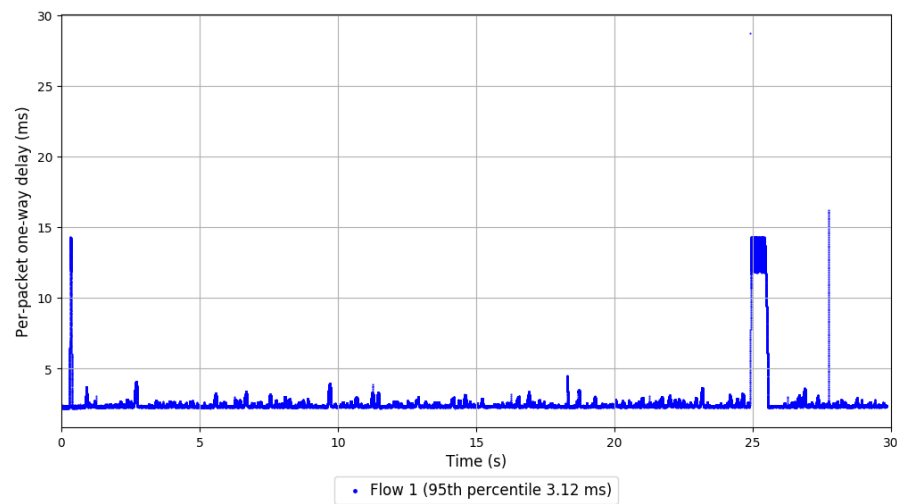
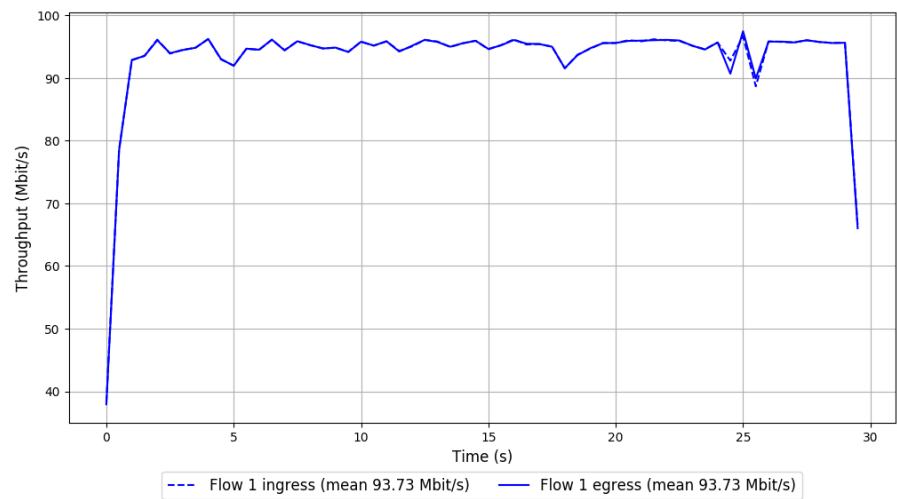


```
Run 1: Statistics of PCC

Start at: 2018-01-25 05:49:04
End at: 2018-01-25 05:49:34
Local clock offset: 0.424 ms
Remote clock offset: 0.284 ms

# Below is generated by plot.py at 2018-01-25 11:52:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 3.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 3.118 ms
Loss rate: 0.01%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-01-25 06:07:14

End at: 2018-01-25 06:07:45

Local clock offset: 0.521 ms

Remote clock offset: 0.444 ms

# Below is generated by plot.py at 2018-01-25 11:52:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.29 Mbit/s

95th percentile per-packet one-way delay: 3.047 ms

Loss rate: 0.02%

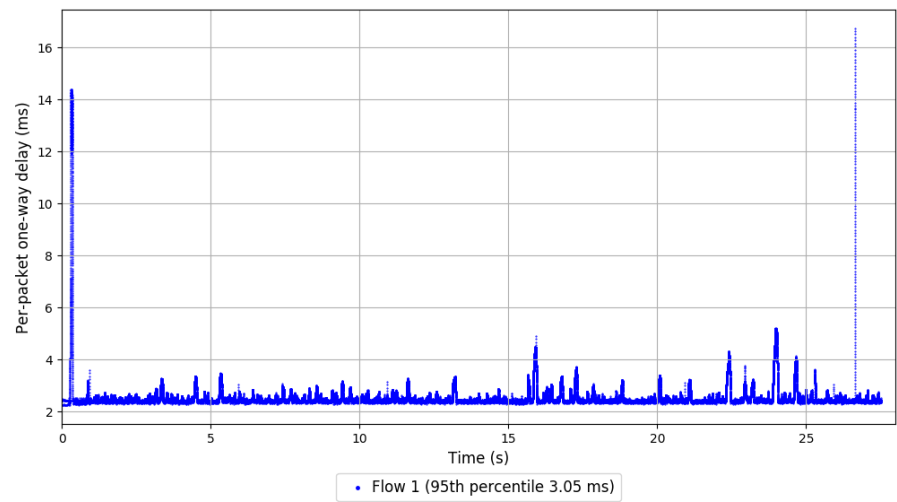
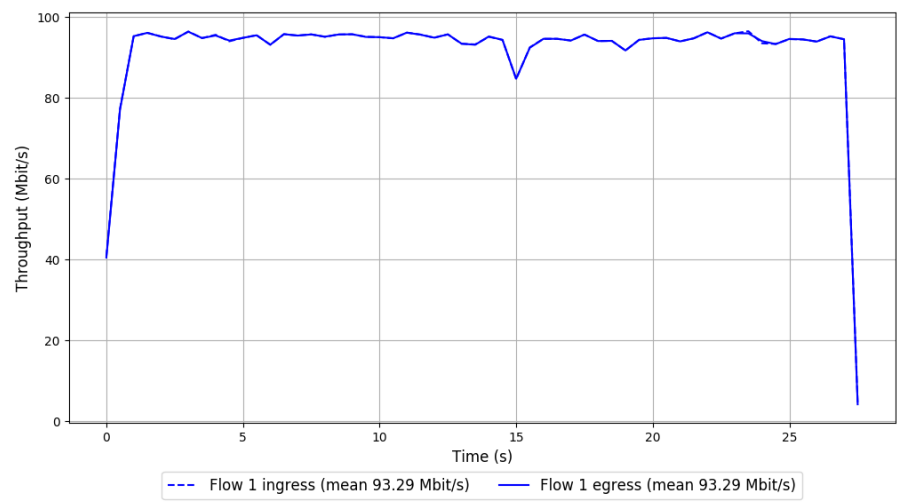
-- Flow 1:

Average throughput: 93.29 Mbit/s

95th percentile per-packet one-way delay: 3.047 ms

Loss rate: 0.02%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

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

End at: 2018-01-25 06:25:55

Local clock offset: 0.534 ms

Remote clock offset: 0.65 ms

# Below is generated by plot.py at 2018-01-25 11:53:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 2.940 ms

Loss rate: 0.02%

-- Flow 1:

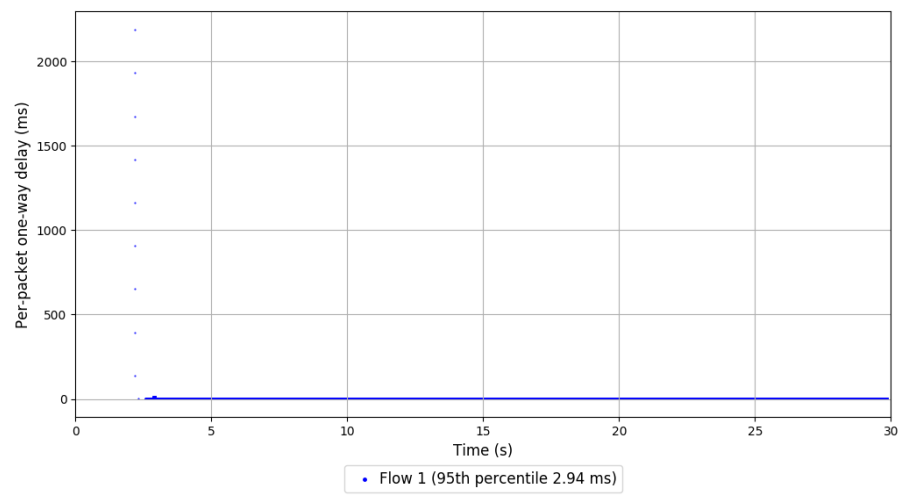
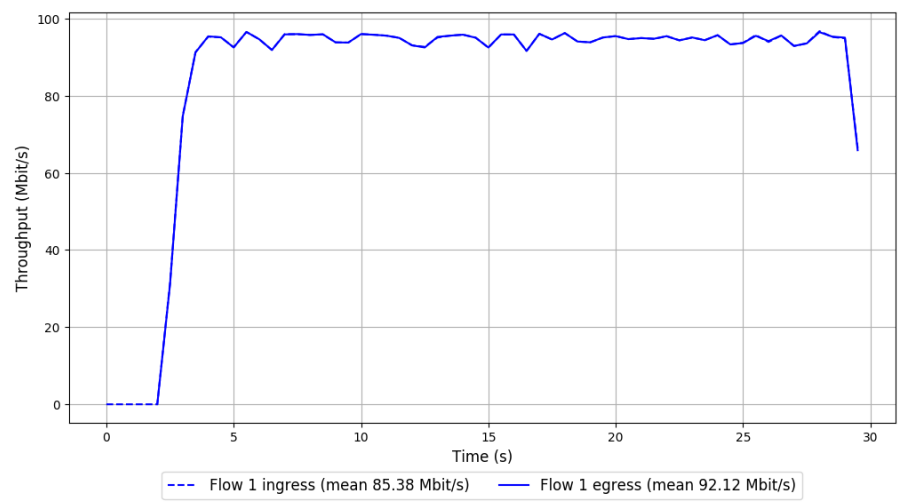
Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 2.940 ms

Loss rate: 0.02%



Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-01-25 06:43:33

End at: 2018-01-25 06:44:03

Local clock offset: 0.588 ms

Remote clock offset: -0.02 ms

# Below is generated by plot.py at 2018-01-25 11:53:43

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 2.883 ms

Loss rate: 0.02%

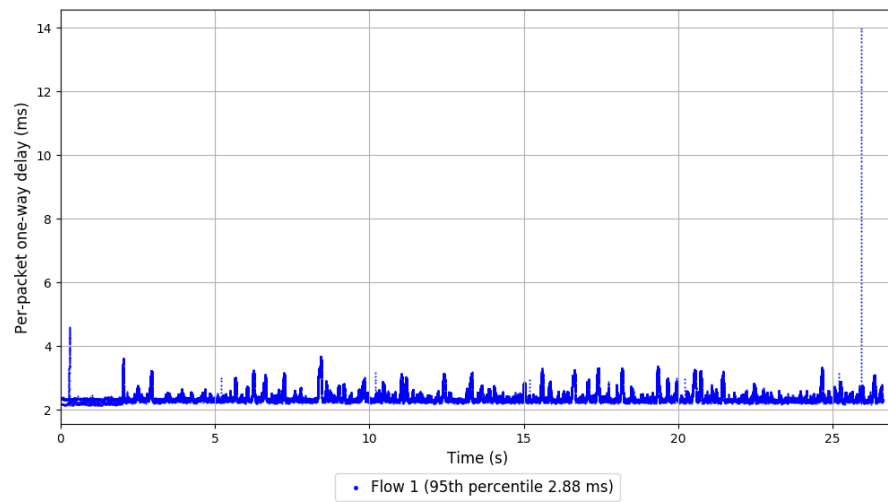
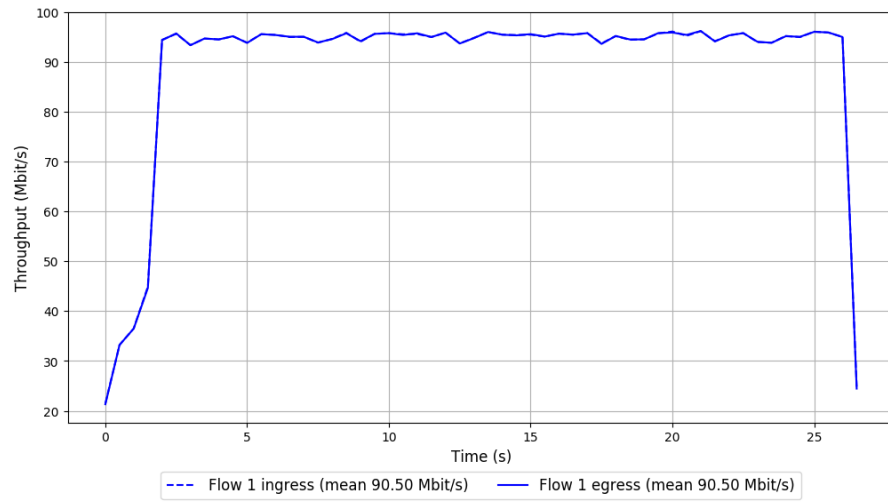
-- Flow 1:

Average throughput: 90.50 Mbit/s

95th percentile per-packet one-way delay: 2.883 ms

Loss rate: 0.02%

#### Run 4: Report of PCC — Data Link

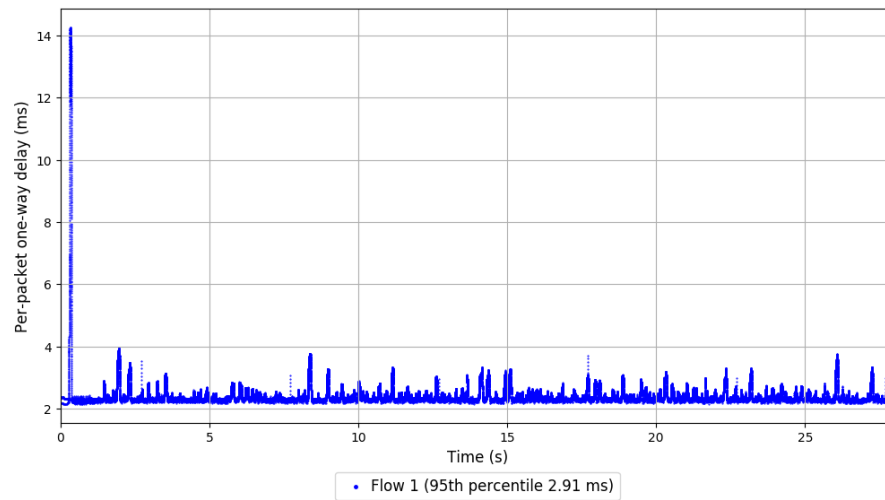
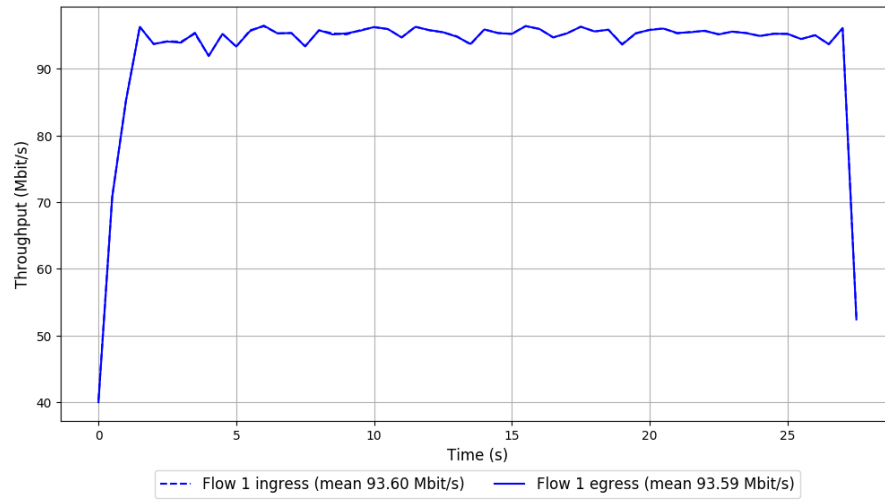


Run 5: Statistics of PCC

Start at: 2018-01-25 07:01:43  
End at: 2018-01-25 07:02:13  
Local clock offset: 0.602 ms  
Remote clock offset: -0.418 ms

# Below is generated by plot.py at 2018-01-25 11:53:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.59 Mbit/s  
95th percentile per-packet one-way delay: 2.910 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 93.59 Mbit/s  
95th percentile per-packet one-way delay: 2.910 ms  
Loss rate: 0.02%

### Run 5: Report of PCC — Data Link

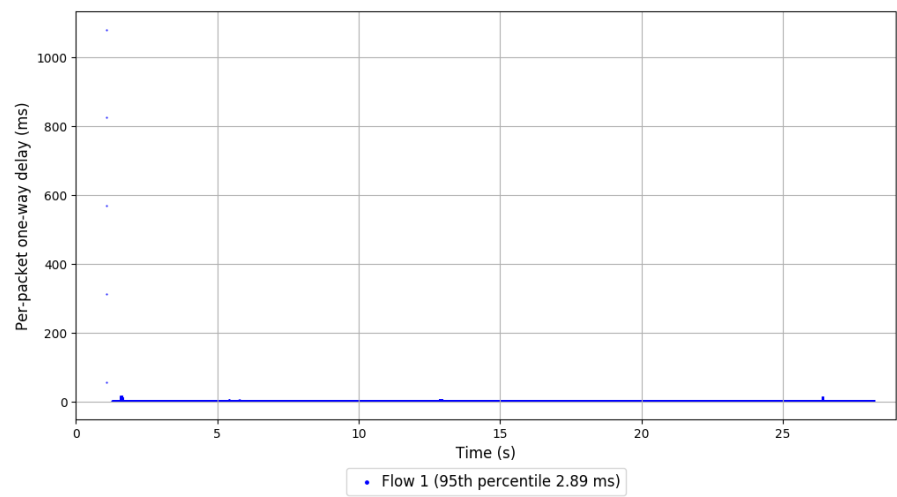
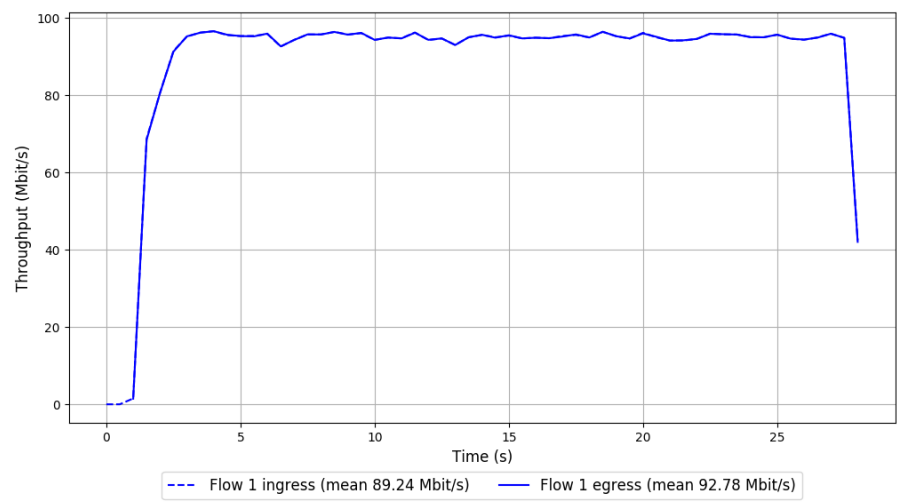


Run 6: Statistics of PCC

Start at: 2018-01-25 07:19:53  
End at: 2018-01-25 07:20:23  
Local clock offset: 0.61 ms  
Remote clock offset: -0.449 ms

# Below is generated by plot.py at 2018-01-25 11:53:48  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.78 Mbit/s  
95th percentile per-packet one-way delay: 2.893 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 92.78 Mbit/s  
95th percentile per-packet one-way delay: 2.893 ms  
Loss rate: 0.02%

Run 6: Report of PCC — Data Link



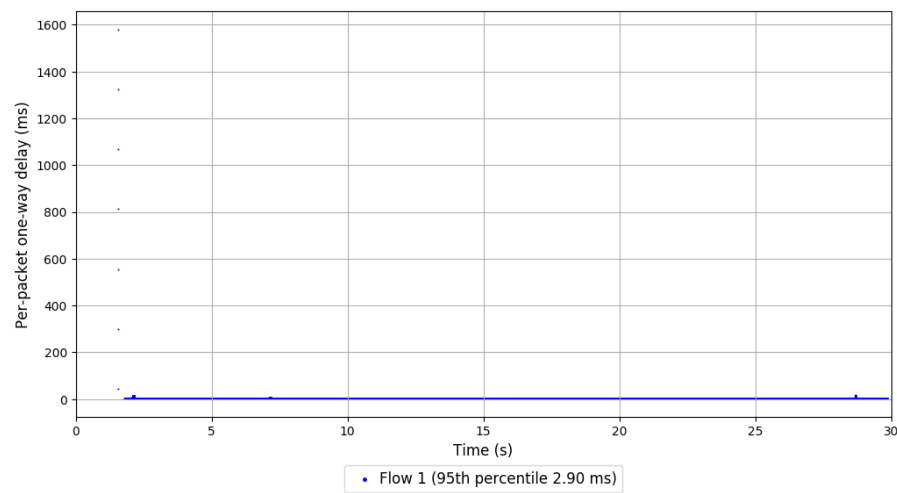
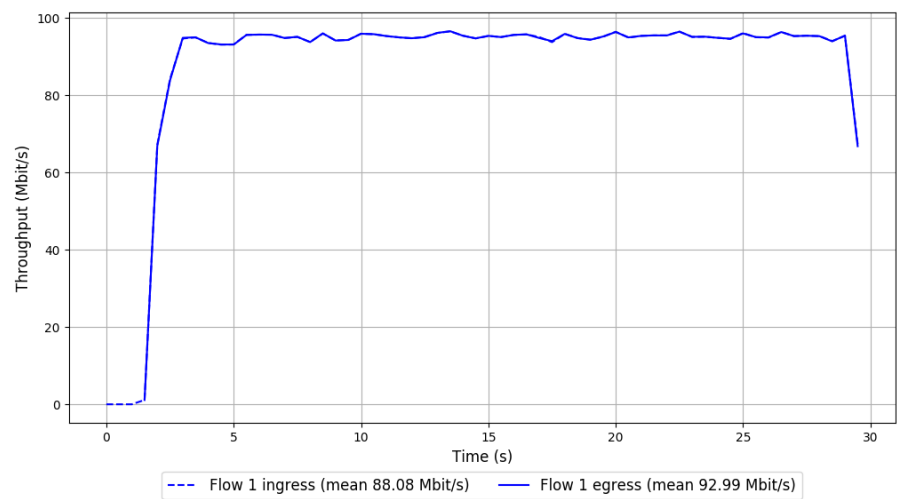
Run 7: Statistics of PCC

Start at: 2018-01-25 07:38:04  
End at: 2018-01-25 07:38:34  
Local clock offset: 0.602 ms  
Remote clock offset: -0.328 ms

# Below is generated by plot.py at 2018-01-25 11:53:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.99 Mbit/s  
95th percentile per-packet one-way delay: 2.903 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 92.99 Mbit/s  
95th percentile per-packet one-way delay: 2.903 ms  
Loss rate: 0.02%



Run 7: Report of PCC — Data Link

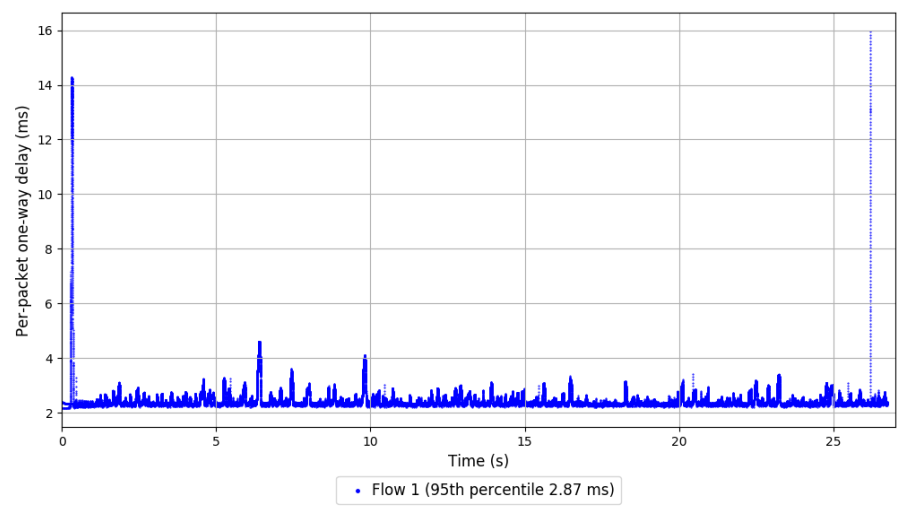
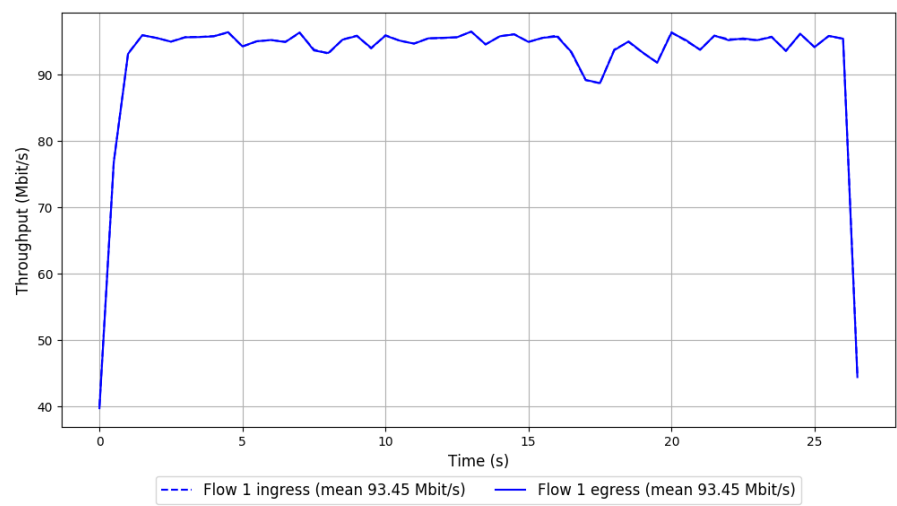


Run 8: Statistics of PCC

Start at: 2018-01-25 07:56:15  
End at: 2018-01-25 07:56:45  
Local clock offset: 0.53 ms  
Remote clock offset: -0.238 ms

# Below is generated by plot.py at 2018-01-25 11:53:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.45 Mbit/s  
95th percentile per-packet one-way delay: 2.867 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 93.45 Mbit/s  
95th percentile per-packet one-way delay: 2.867 ms  
Loss rate: 0.02%

Run 8: Report of PCC — Data Link

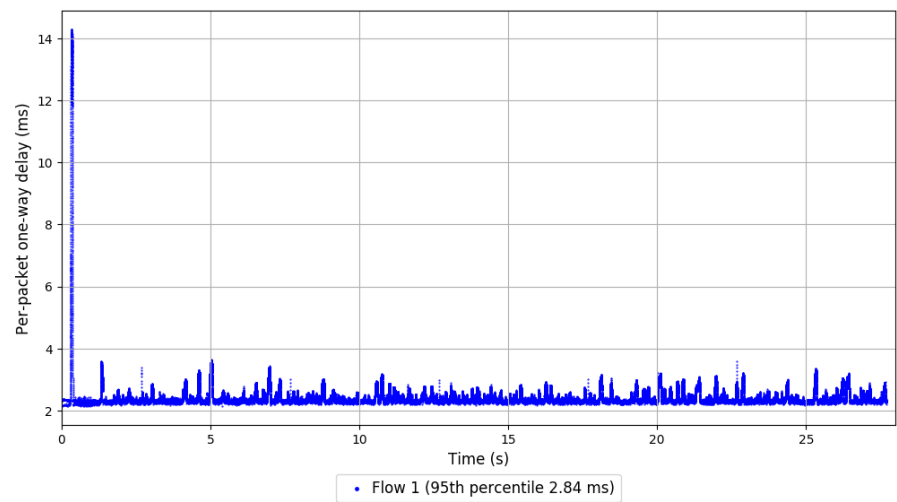
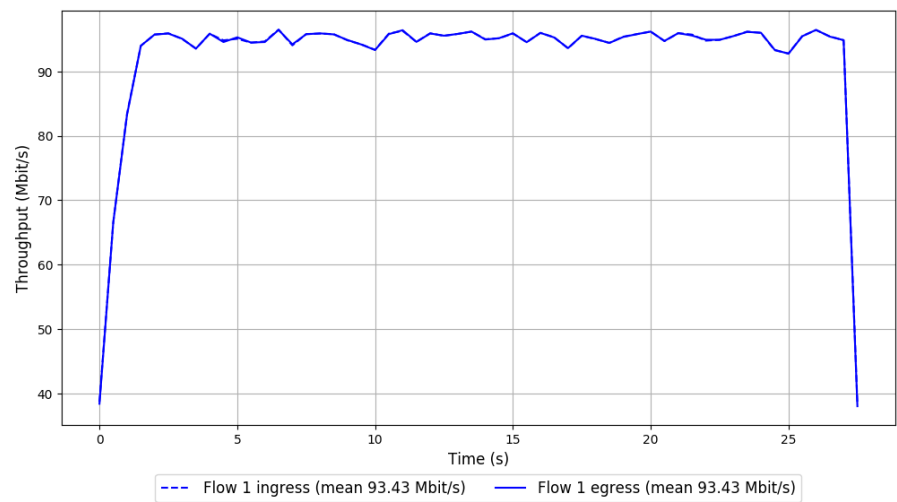


Run 9: Statistics of PCC

Start at: 2018-01-25 08:14:25  
End at: 2018-01-25 08:14:56  
Local clock offset: 0.433 ms  
Remote clock offset: -0.214 ms

# Below is generated by plot.py at 2018-01-25 11:53:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.43 Mbit/s  
95th percentile per-packet one-way delay: 2.837 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 93.43 Mbit/s  
95th percentile per-packet one-way delay: 2.837 ms  
Loss rate: 0.02%

Run 9: Report of PCC — Data Link

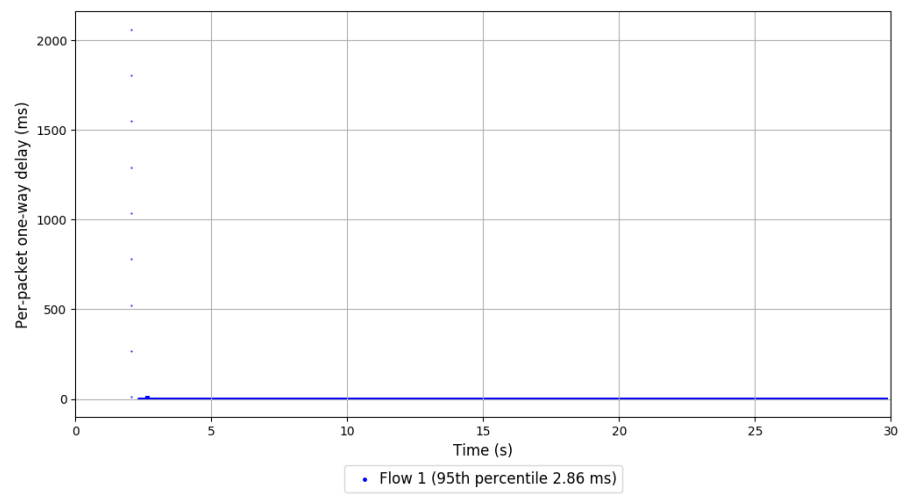
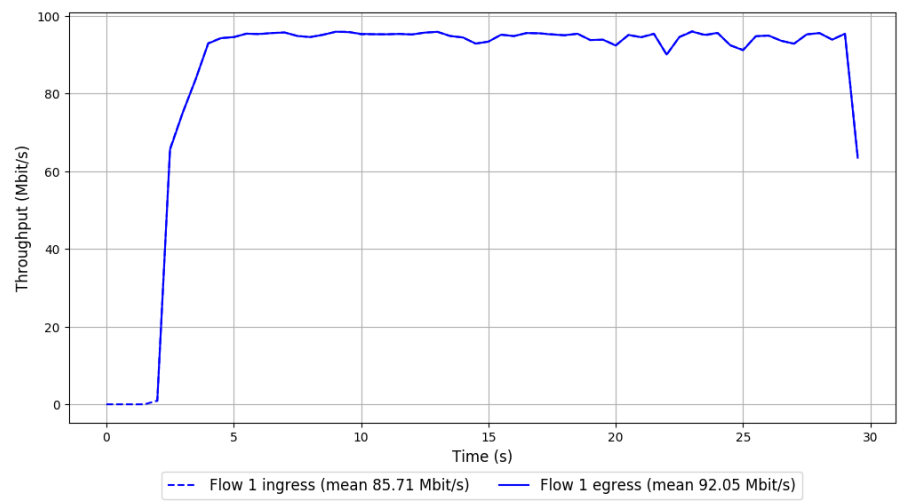


Run 10: Statistics of PCC

Start at: 2018-01-25 08:32:32  
End at: 2018-01-25 08:33:02  
Local clock offset: 0.448 ms  
Remote clock offset: -0.215 ms

# Below is generated by plot.py at 2018-01-25 11:53:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.05 Mbit/s  
95th percentile per-packet one-way delay: 2.856 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 92.05 Mbit/s  
95th percentile per-packet one-way delay: 2.856 ms  
Loss rate: 0.02%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-25 05:43:28

End at: 2018-01-25 05:43:58

Local clock offset: 0.483 ms

Remote clock offset: 0.279 ms

# Below is generated by plot.py at 2018-01-25 11:55:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.09 Mbit/s

95th percentile per-packet one-way delay: 8.899 ms

Loss rate: 0.02%

-- Flow 1:

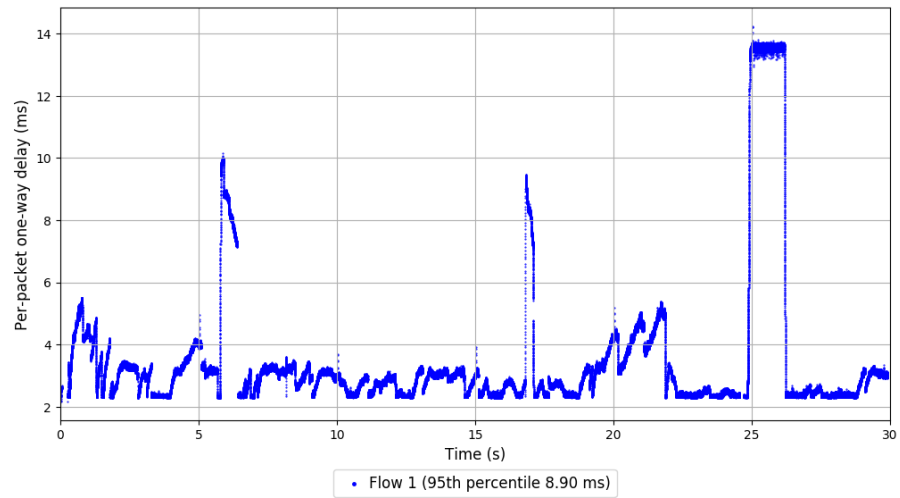
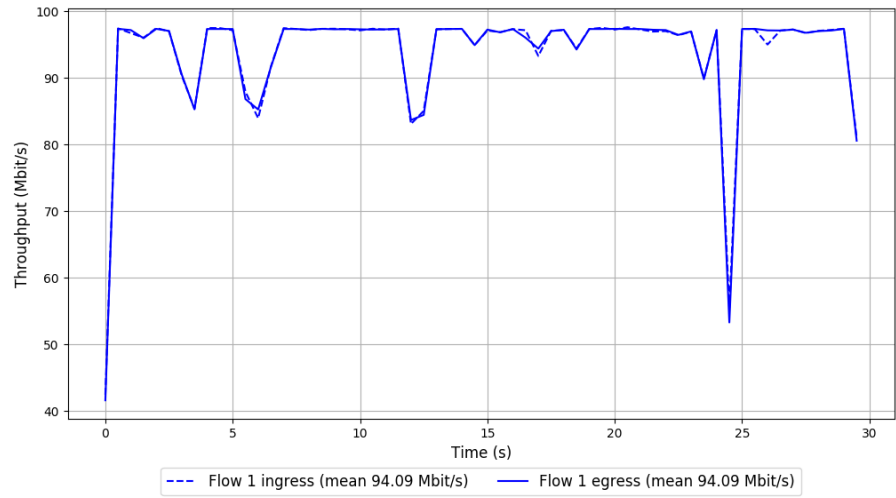
Average throughput: 94.09 Mbit/s

95th percentile per-packet one-way delay: 8.899 ms

Loss rate: 0.02%



### Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-25 06:01:39

End at: 2018-01-25 06:02:09

Local clock offset: 0.509 ms

Remote clock offset: 0.469 ms

# Below is generated by plot.py at 2018-01-25 11:55:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.74 Mbit/s

95th percentile per-packet one-way delay: 2.451 ms

Loss rate: 0.02%

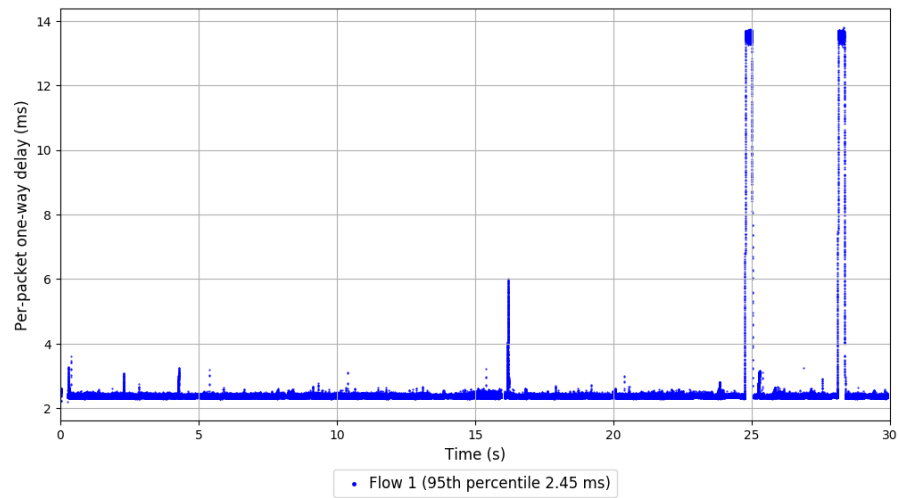
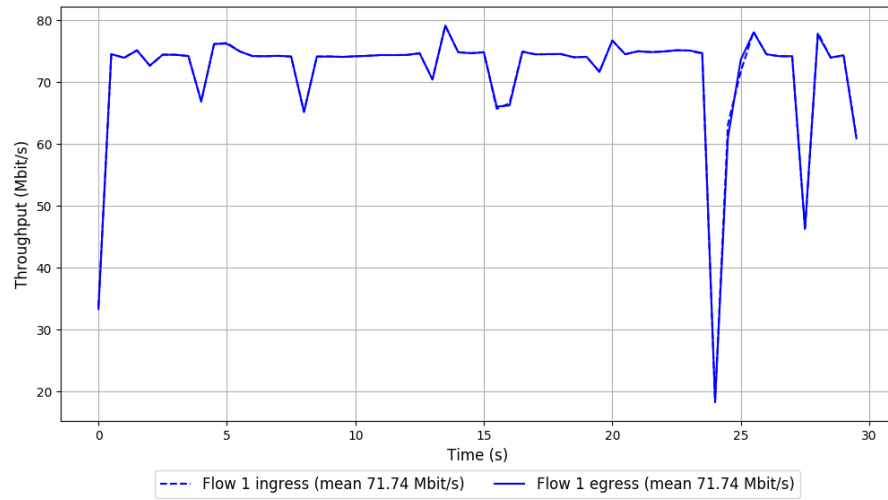
-- Flow 1:

Average throughput: 71.74 Mbit/s

95th percentile per-packet one-way delay: 2.451 ms

Loss rate: 0.02%

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



Run 3: Statistics of QUIC Cubic

Start at: 2018-01-25 06:19:49

End at: 2018-01-25 06:20:19

Local clock offset: 0.528 ms

Remote clock offset: 0.589 ms

# Below is generated by plot.py at 2018-01-25 11:55:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 13.615 ms

Loss rate: 0.05%

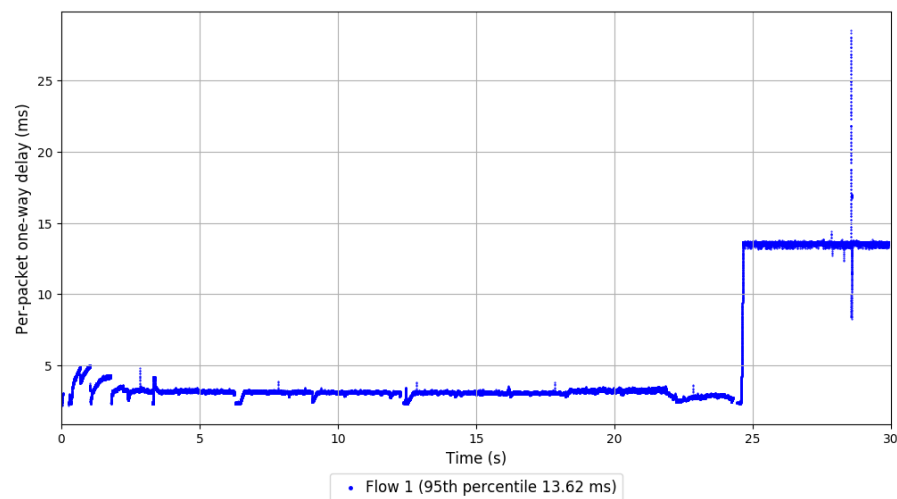
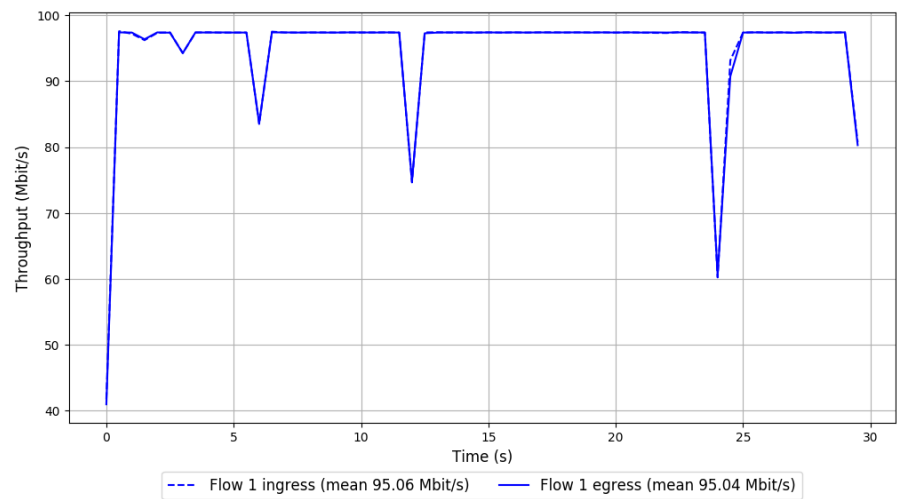
-- Flow 1:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 13.615 ms

Loss rate: 0.05%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-01-25 06:37:57

End at: 2018-01-25 06:38:27

Local clock offset: 0.575 ms

Remote clock offset: 0.24 ms

# Below is generated by plot.py at 2018-01-25 11:55:19

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.42 Mbit/s

95th percentile per-packet one-way delay: 13.587 ms

Loss rate: 0.02%

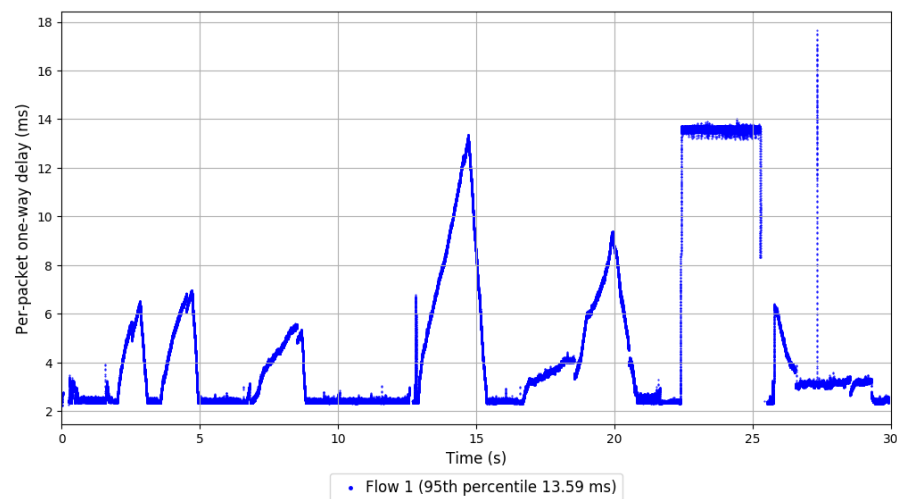
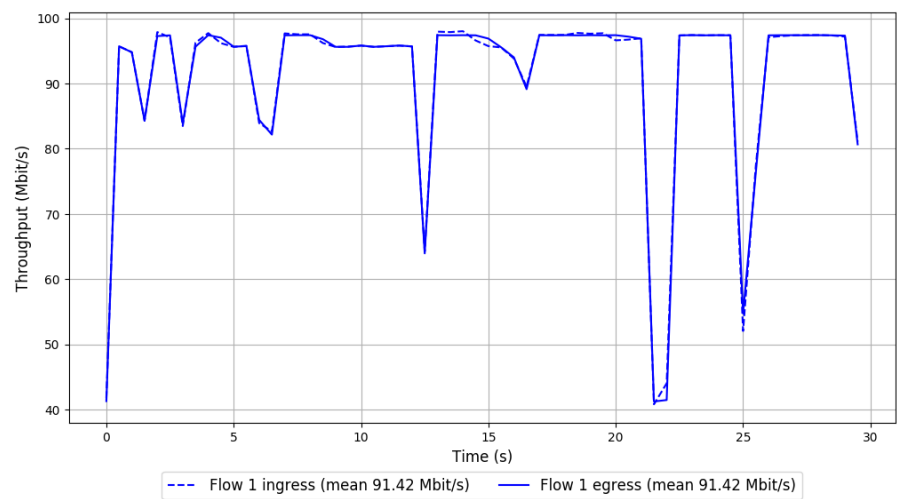
-- Flow 1:

Average throughput: 91.42 Mbit/s

95th percentile per-packet one-way delay: 13.587 ms

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-01-25 06:56:07

End at: 2018-01-25 06:56:37

Local clock offset: 0.602 ms

Remote clock offset: -0.356 ms

# Below is generated by plot.py at 2018-01-25 11:55:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.24 Mbit/s

95th percentile per-packet one-way delay: 13.571 ms

Loss rate: 0.02%

-- Flow 1:

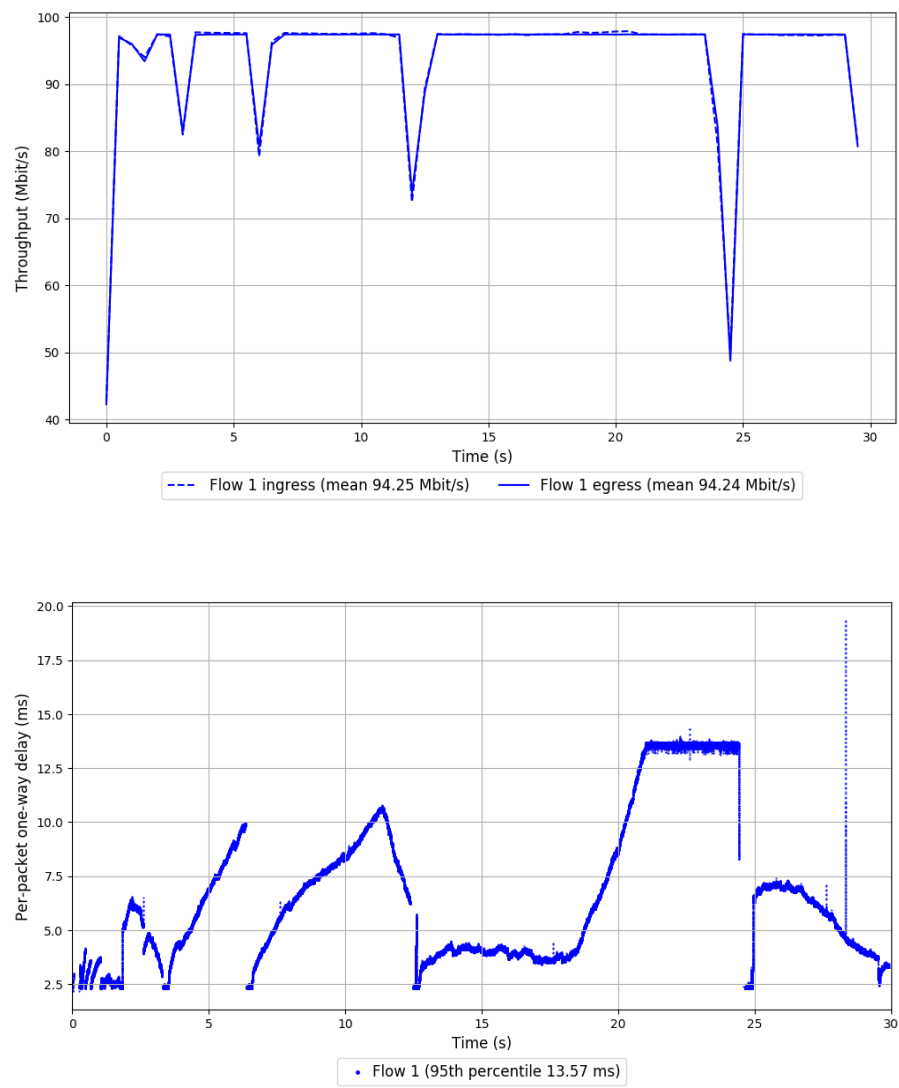
Average throughput: 94.24 Mbit/s

95th percentile per-packet one-way delay: 13.571 ms

Loss rate: 0.02%



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-01-25 07:14:17

End at: 2018-01-25 07:14:47

Local clock offset: 0.622 ms

Remote clock offset: -0.42 ms

# Below is generated by plot.py at 2018-01-25 11:55:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.81 Mbit/s

95th percentile per-packet one-way delay: 13.575 ms

Loss rate: 0.06%

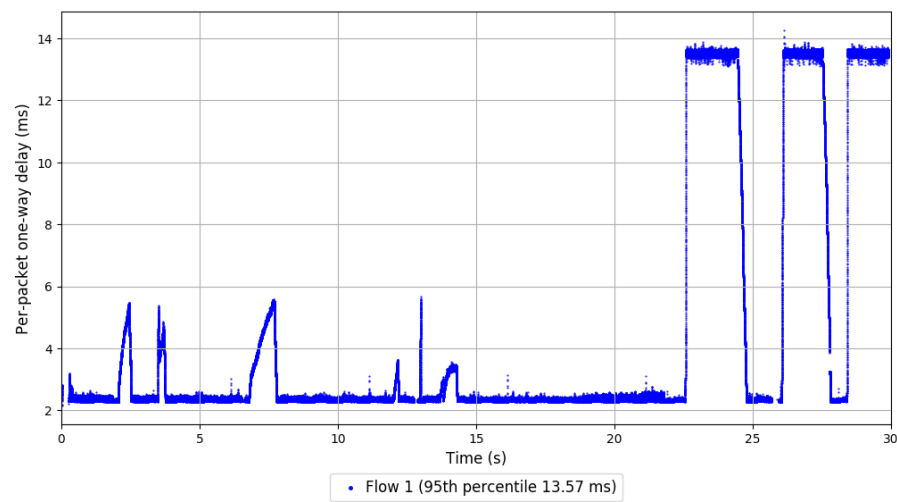
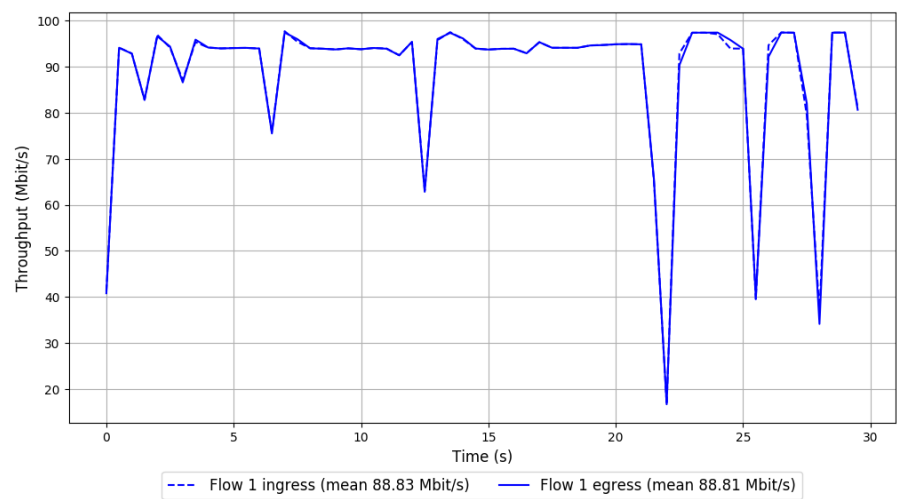
-- Flow 1:

Average throughput: 88.81 Mbit/s

95th percentile per-packet one-way delay: 13.575 ms

Loss rate: 0.06%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-01-25 07:32:27

End at: 2018-01-25 07:32:57

Local clock offset: 0.609 ms

Remote clock offset: -0.343 ms

# Below is generated by plot.py at 2018-01-25 11:55:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.88 Mbit/s

95th percentile per-packet one-way delay: 13.593 ms

Loss rate: 0.05%

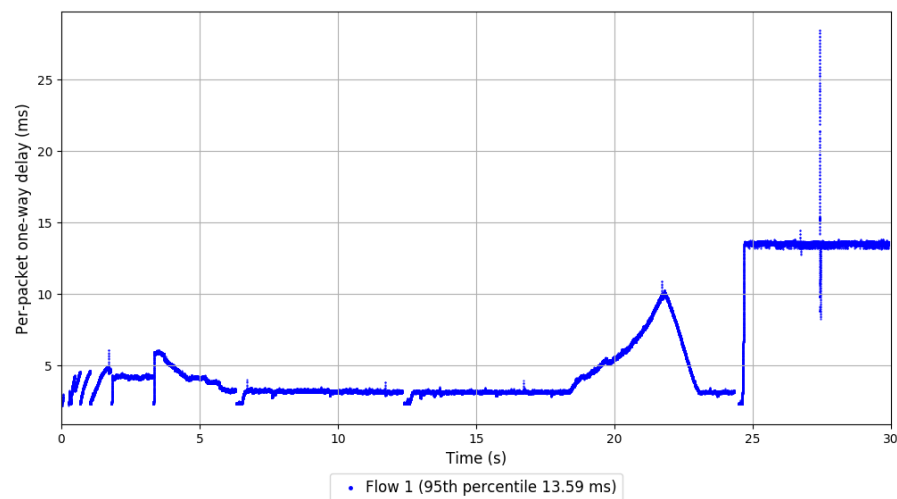
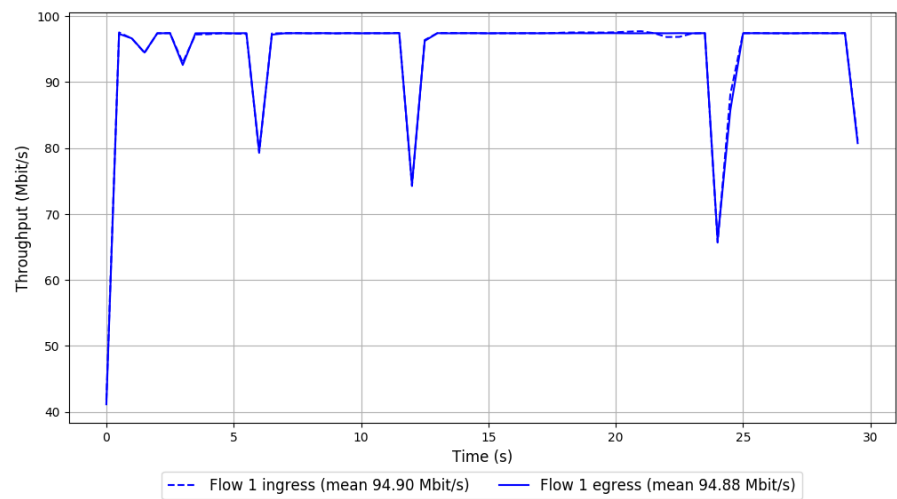
-- Flow 1:

Average throughput: 94.88 Mbit/s

95th percentile per-packet one-way delay: 13.593 ms

Loss rate: 0.05%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-25 07:50:38

End at: 2018-01-25 07:51:08

Local clock offset: 0.555 ms

Remote clock offset: -0.24 ms

# Below is generated by plot.py at 2018-01-25 11:55:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.07 Mbit/s

95th percentile per-packet one-way delay: 4.036 ms

Loss rate: 0.02%

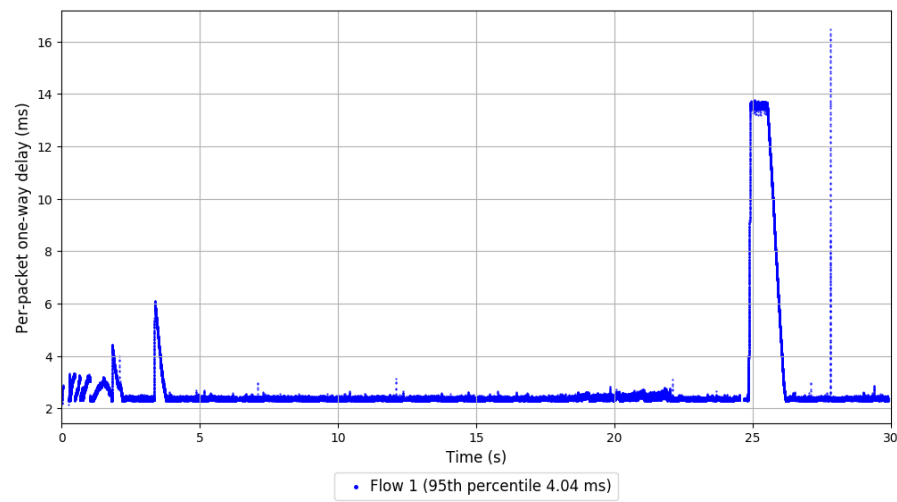
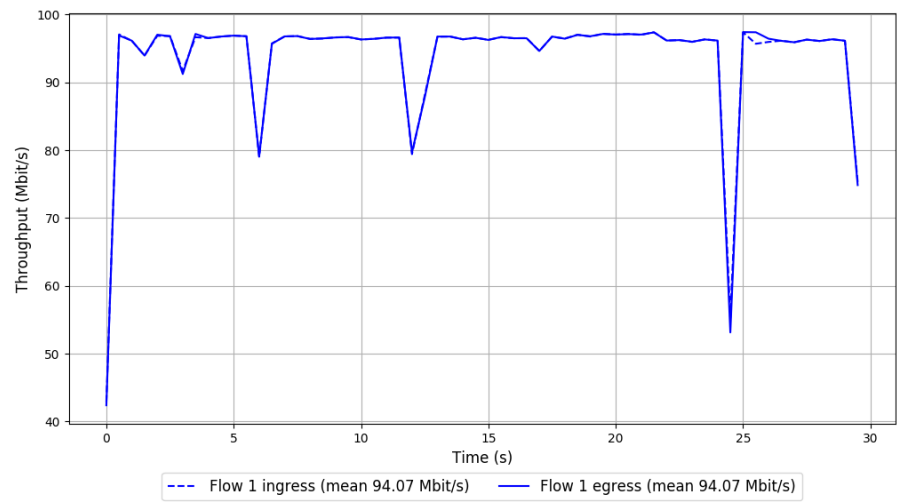
-- Flow 1:

Average throughput: 94.07 Mbit/s

95th percentile per-packet one-way delay: 4.036 ms

Loss rate: 0.02%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-01-25 08:08:49

End at: 2018-01-25 08:09:19

Local clock offset: 0.461 ms

Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2018-01-25 11:56:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.29 Mbit/s

95th percentile per-packet one-way delay: 13.614 ms

Loss rate: 0.00%

-- Flow 1:

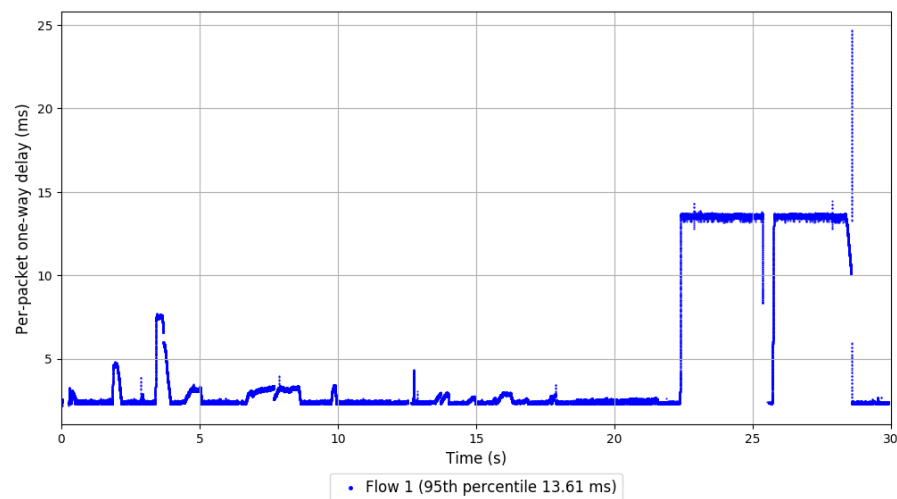
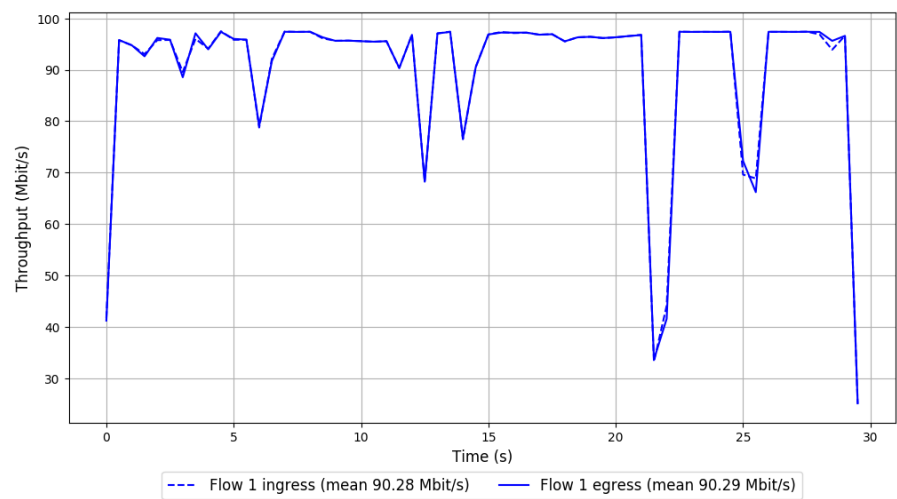
Average throughput: 90.29 Mbit/s

95th percentile per-packet one-way delay: 13.614 ms

Loss rate: 0.00%



Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-25 08:26:57

End at: 2018-01-25 08:27:27

Local clock offset: 0.35 ms

Remote clock offset: -0.213 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.25 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.02%

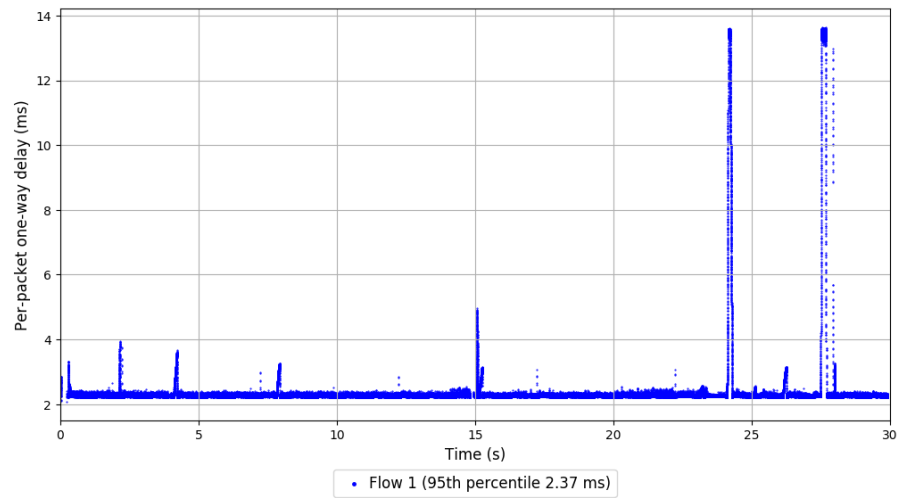
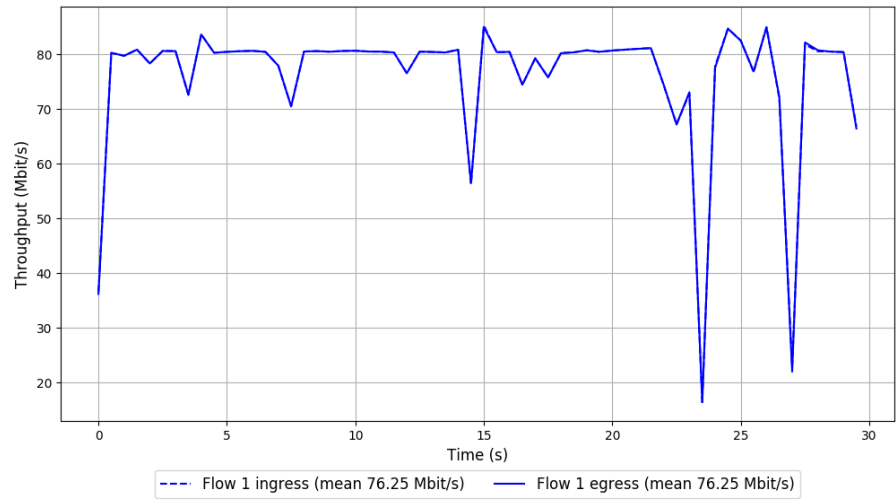
-- Flow 1:

Average throughput: 76.25 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.02%

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

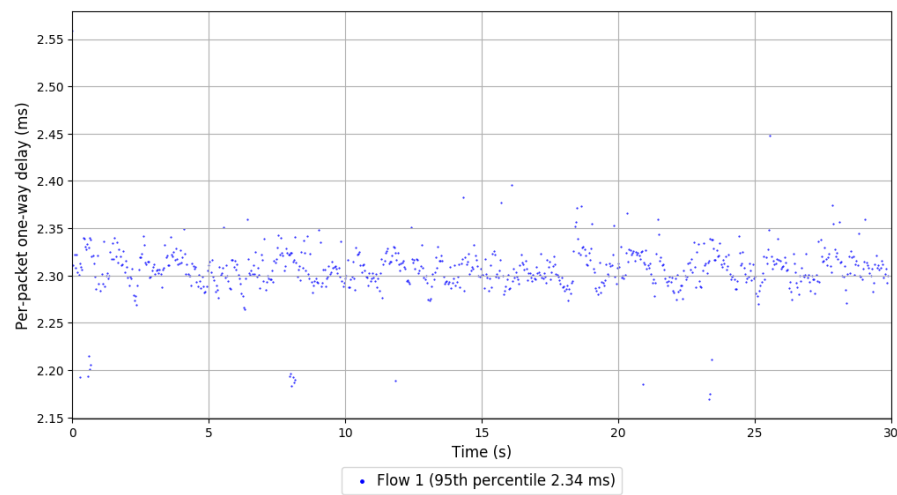
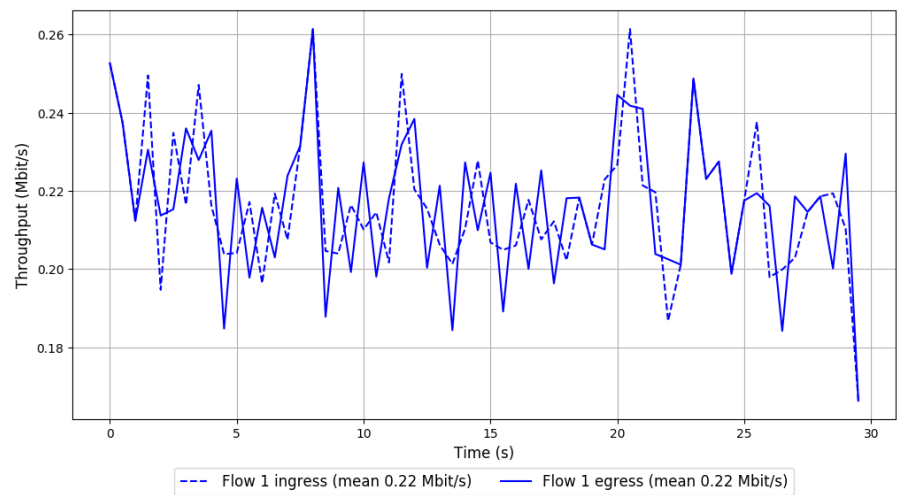


```
Run 1: Statistics of SCReAM

Start at: 2018-01-25 05:41:15
End at: 2018-01-25 05:41:45
Local clock offset: 0.466 ms
Remote clock offset: 0.247 ms

# Below is generated by plot.py at 2018-01-25 11:56:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-01-25 05:59:26

End at: 2018-01-25 05:59:56

Local clock offset: 0.495 ms

Remote clock offset: 0.46 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.342 ms

Loss rate: 0.00%

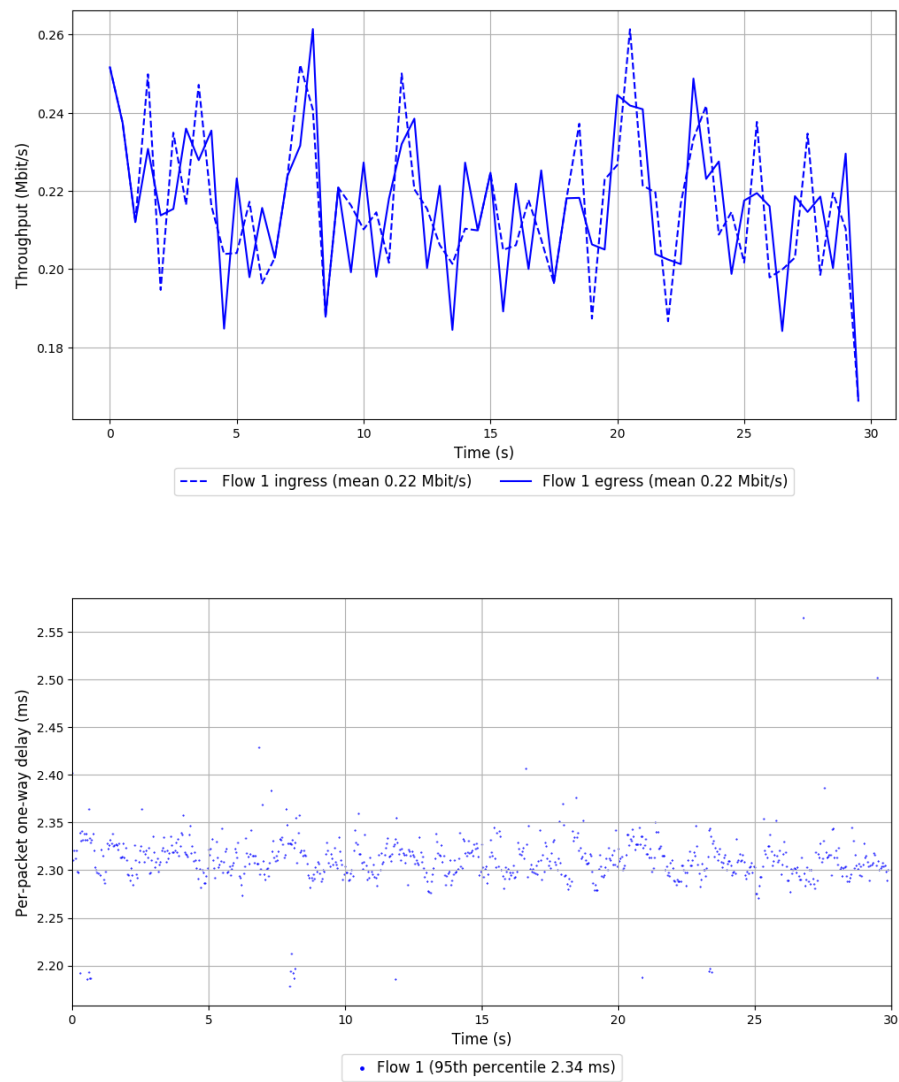
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.342 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-01-25 06:17:35

End at: 2018-01-25 06:18:06

Local clock offset: 0.525 ms

Remote clock offset: 0.581 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.351 ms

Loss rate: 0.00%

-- Flow 1:

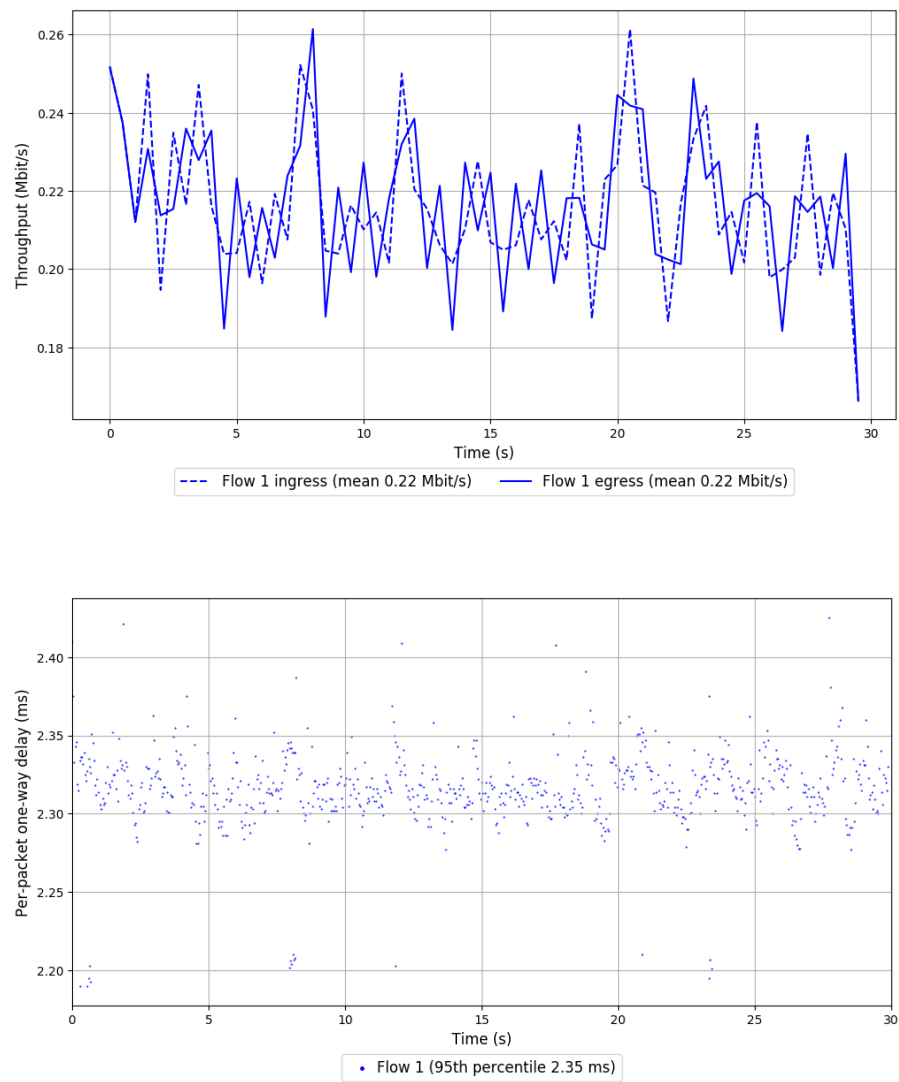
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.351 ms

Loss rate: 0.00%



Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-01-25 06:35:46

End at: 2018-01-25 06:36:16

Local clock offset: 0.565 ms

Remote clock offset: 0.441 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.317 ms

Loss rate: 0.00%

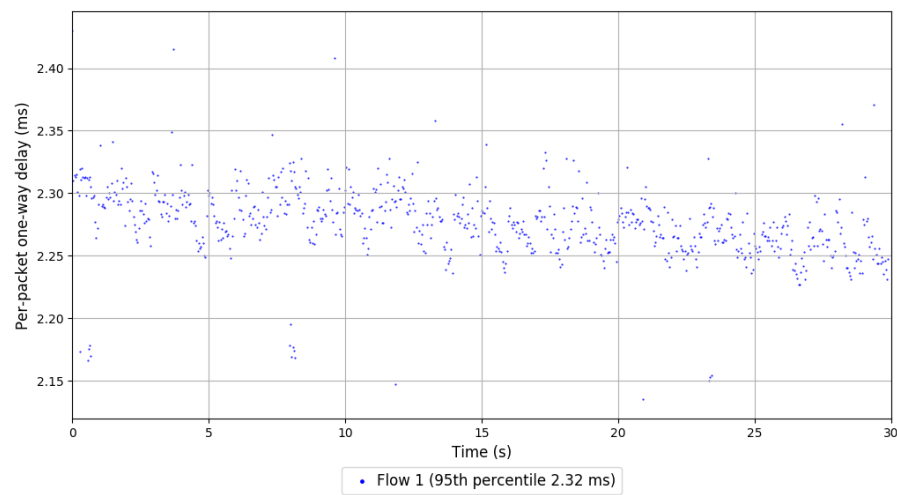
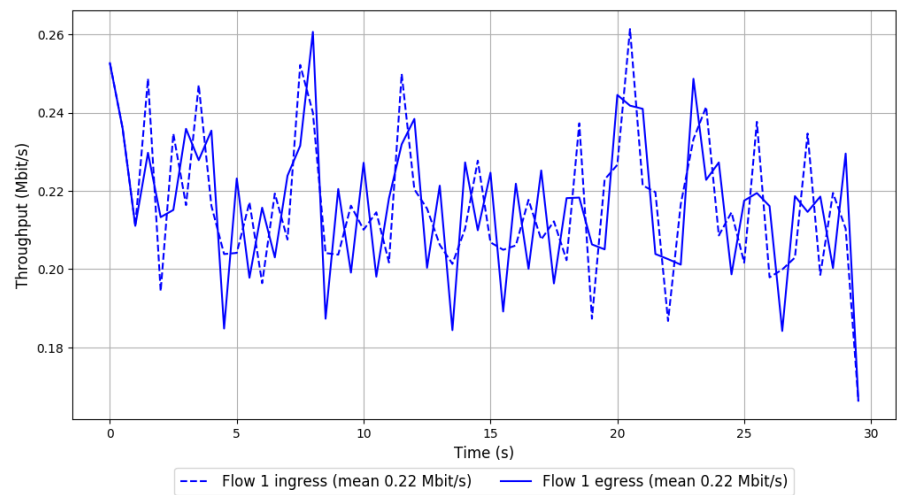
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.317 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

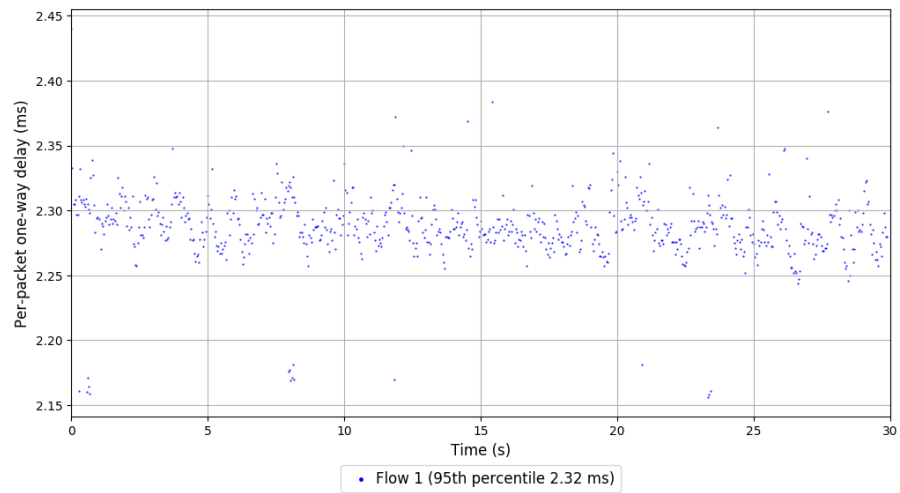
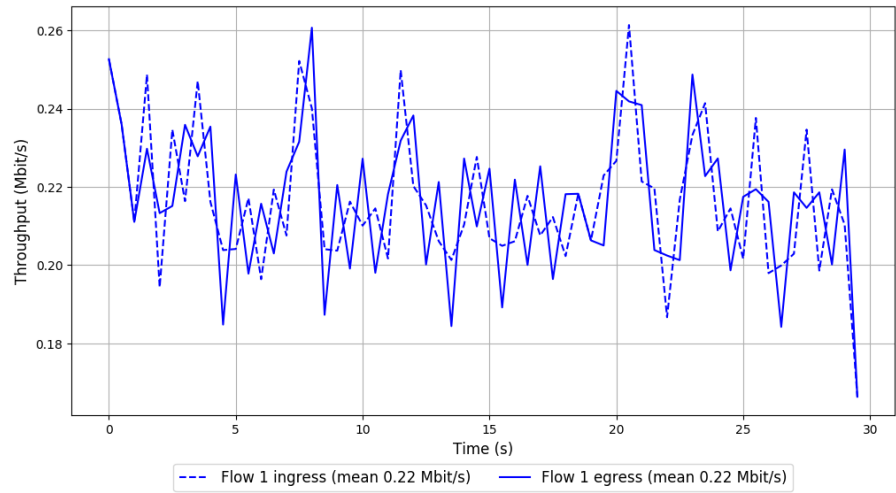


Run 5: Statistics of SCReAM

Start at: 2018-01-25 06:53:54  
End at: 2018-01-25 06:54:24  
Local clock offset: 0.605 ms  
Remote clock offset: -0.296 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.322 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.322 ms  
Loss rate: 0.00%

## Run 5: Report of SReAM — Data Link

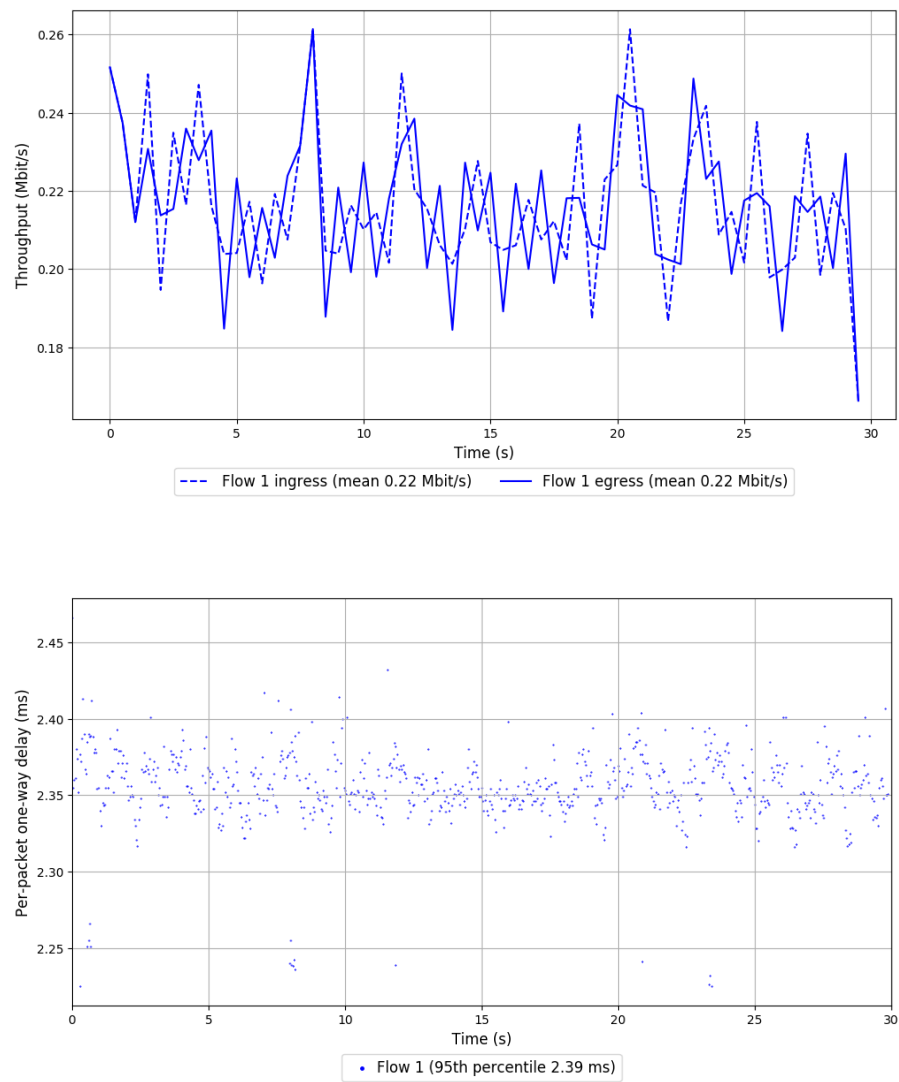


Run 6: Statistics of SCReAM

Start at: 2018-01-25 07:12:04  
End at: 2018-01-25 07:12:34  
Local clock offset: 0.612 ms  
Remote clock offset: -0.499 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.389 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.389 ms  
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



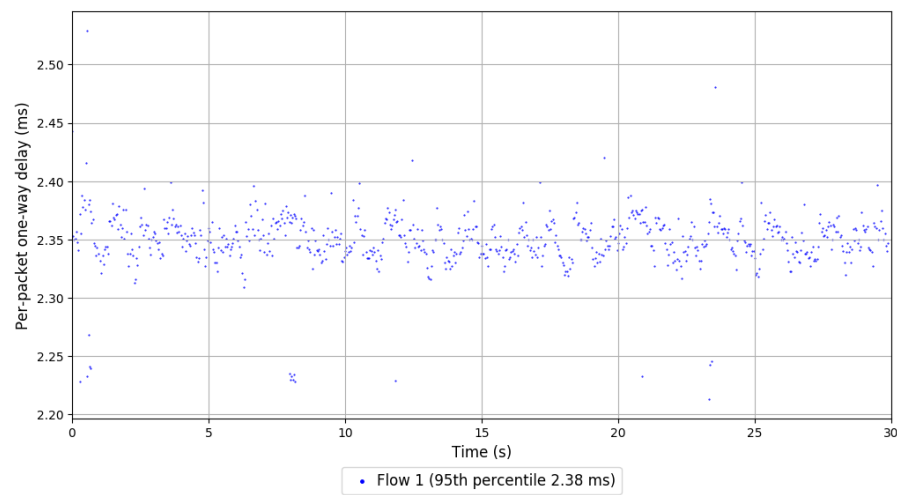
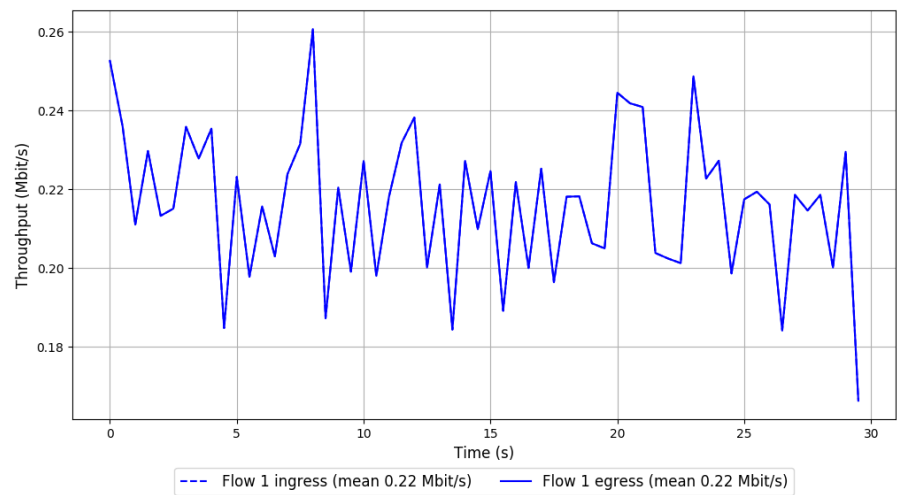
Run 7: Statistics of SCReAM

Start at: 2018-01-25 07:30:14  
End at: 2018-01-25 07:30:44  
Local clock offset: 0.601 ms  
Remote clock offset: -0.411 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.378 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.378 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

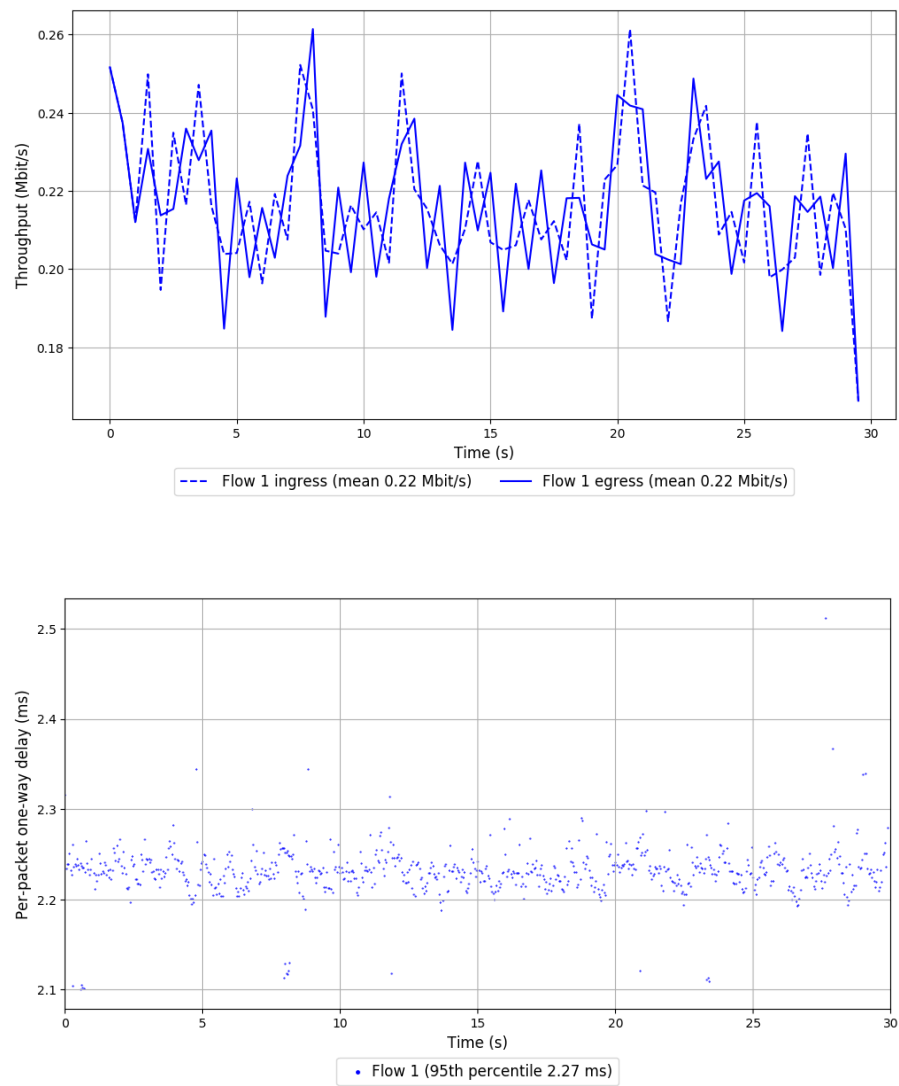


Run 8: Statistics of SReAM

Start at: 2018-01-25 07:48:25  
End at: 2018-01-25 07:48:55  
Local clock offset: 0.489 ms  
Remote clock offset: -0.244 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.265 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.265 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

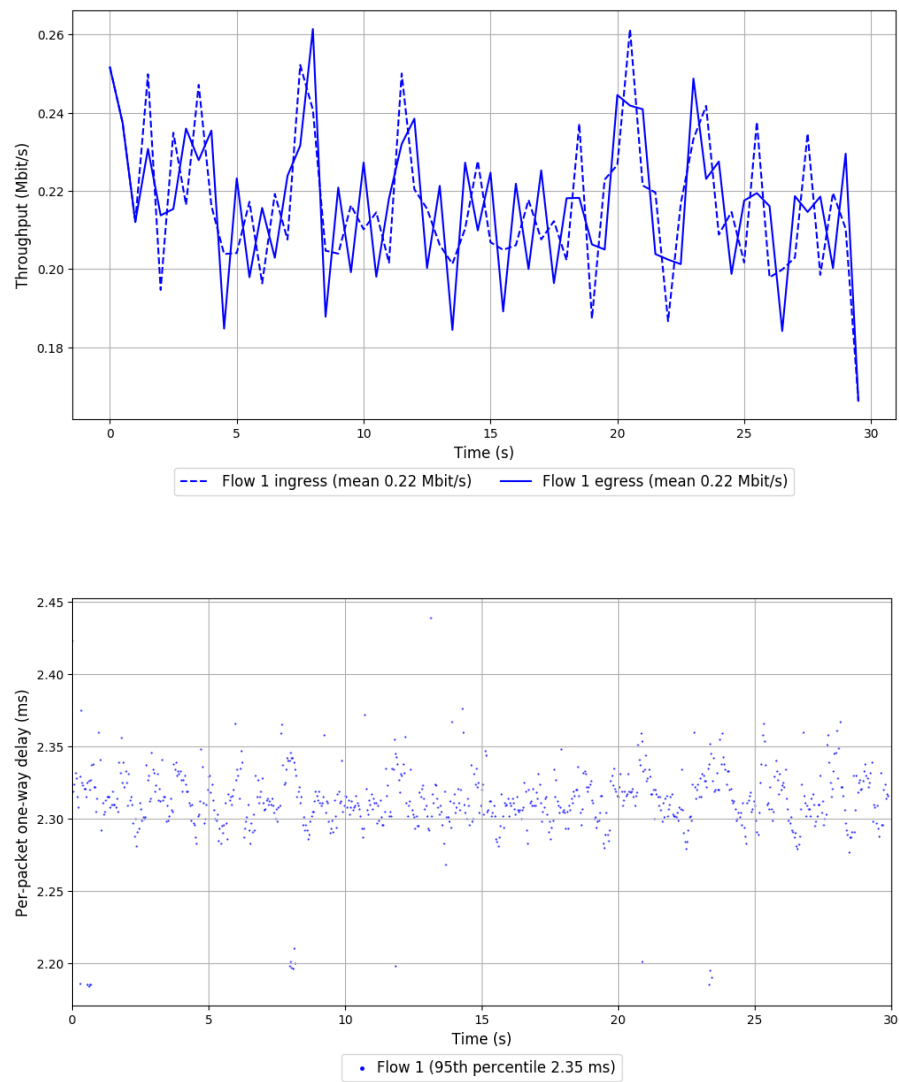


Run 9: Statistics of SCReAM

Start at: 2018-01-25 08:06:36  
End at: 2018-01-25 08:07:06  
Local clock offset: 0.483 ms  
Remote clock offset: -0.207 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.345 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 2.345 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-01-25 08:24:46

End at: 2018-01-25 08:25:16

Local clock offset: 0.426 ms

Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.340 ms

Loss rate: 0.00%

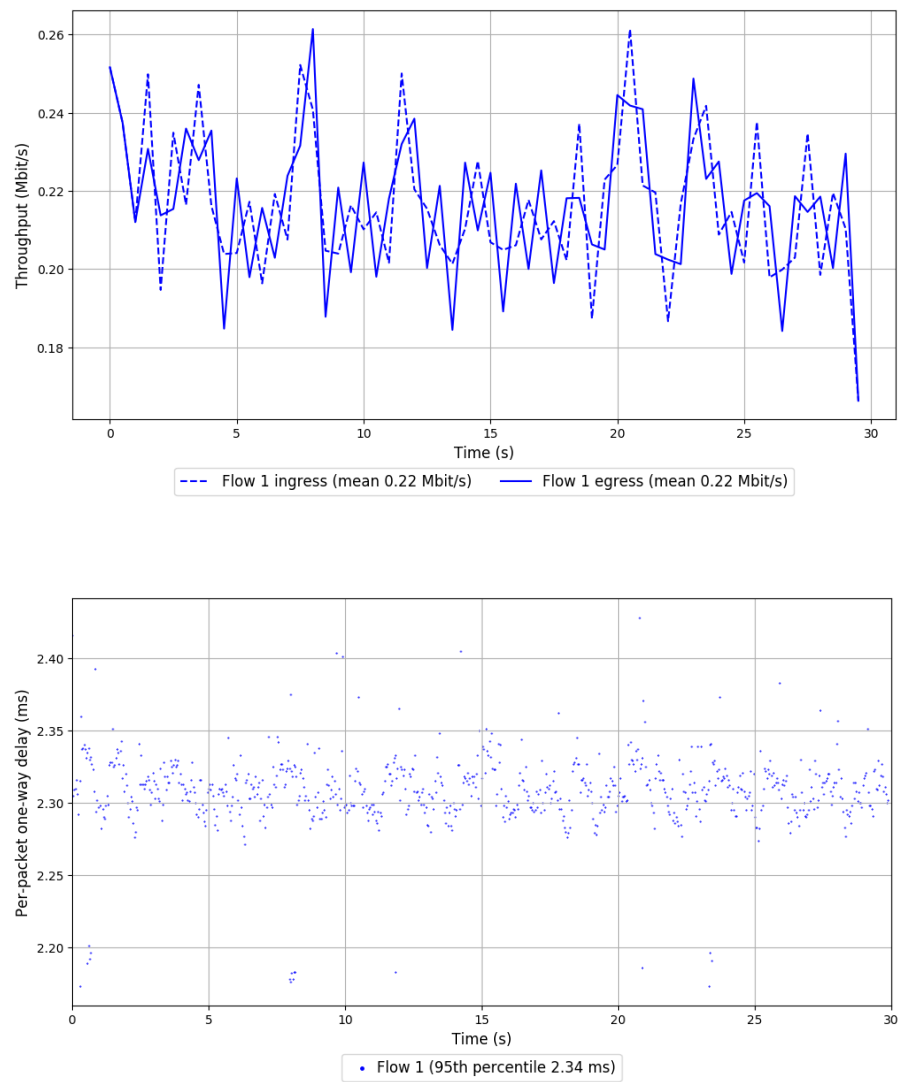
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.340 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



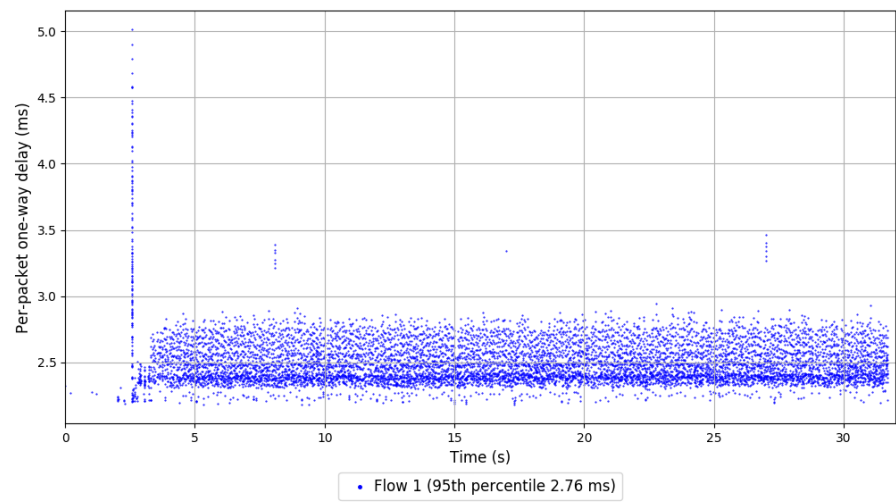
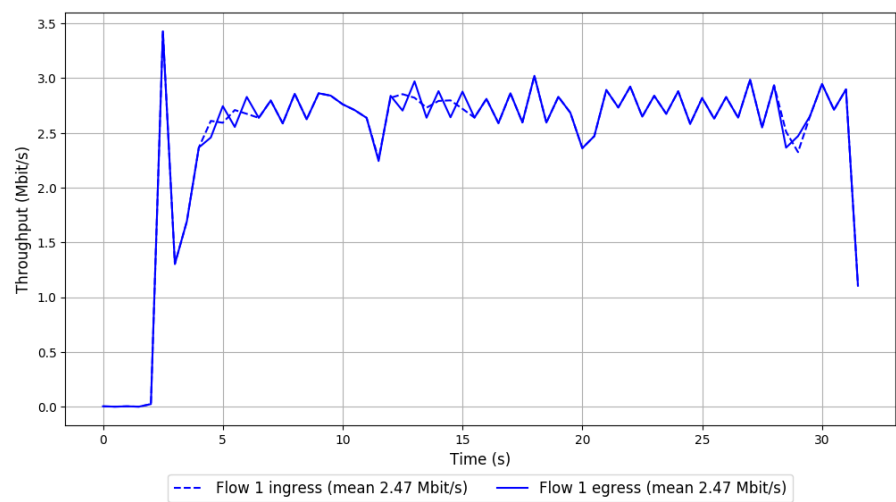
```
Run 1: Statistics of WebRTC media

Start at: 2018-01-25 05:44:36
End at: 2018-01-25 05:45:06
Local clock offset: 0.503 ms
Remote clock offset: 0.281 ms

# Below is generated by plot.py at 2018-01-25 11:56:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.00%
```



Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-01-25 06:02:46

End at: 2018-01-25 06:03:17

Local clock offset: 0.418 ms

Remote clock offset: 0.468 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.663 ms

Loss rate: 0.00%

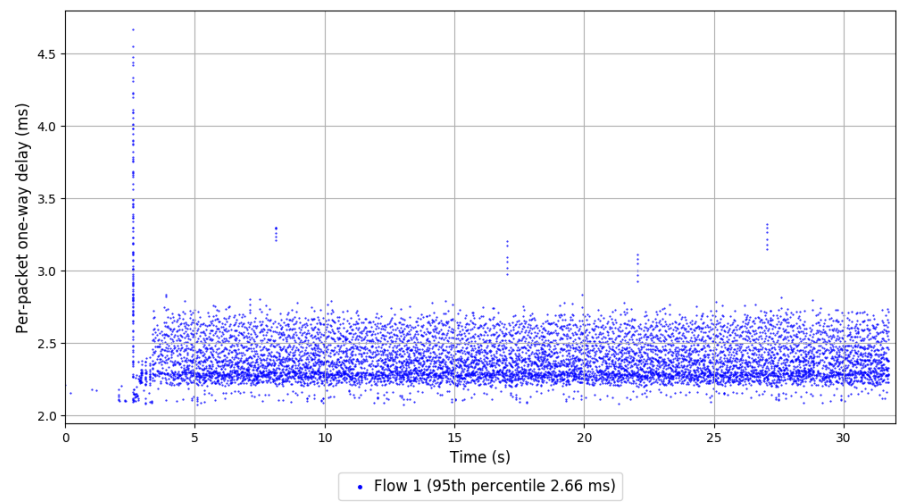
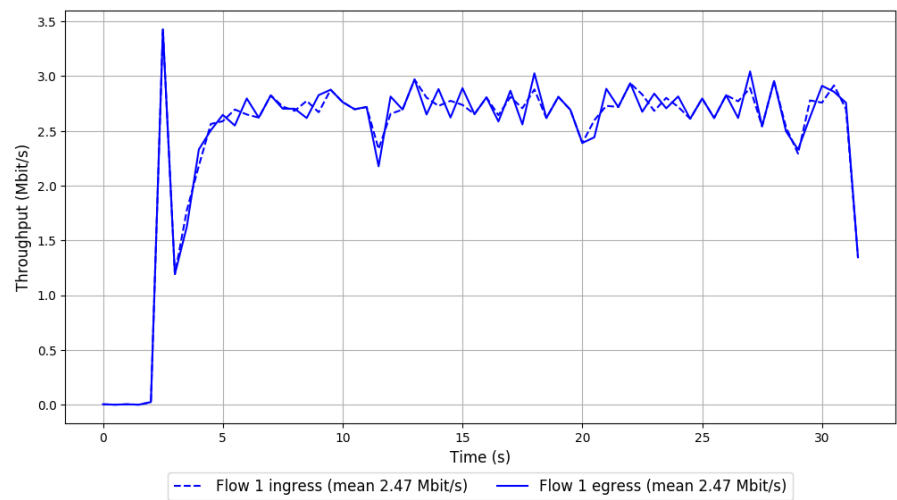
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.663 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-01-25 06:20:57

End at: 2018-01-25 06:21:27

Local clock offset: 0.46 ms

Remote clock offset: 0.535 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.739 ms

Loss rate: 0.00%

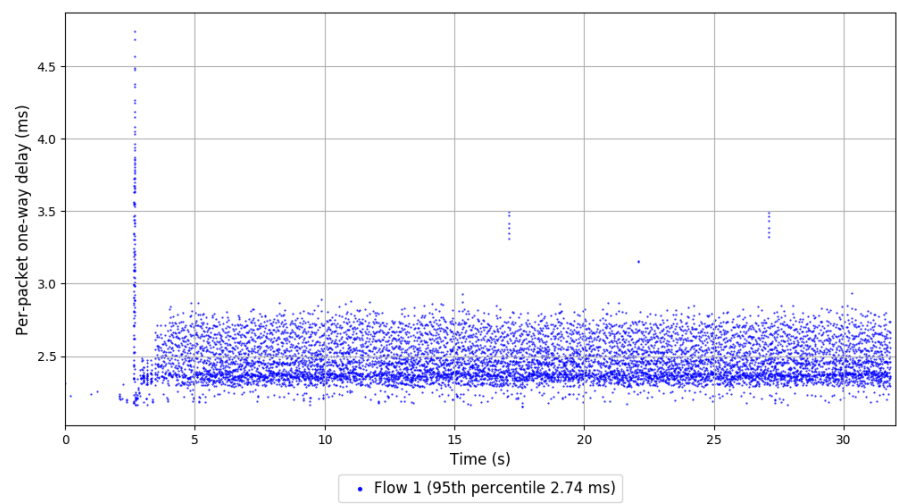
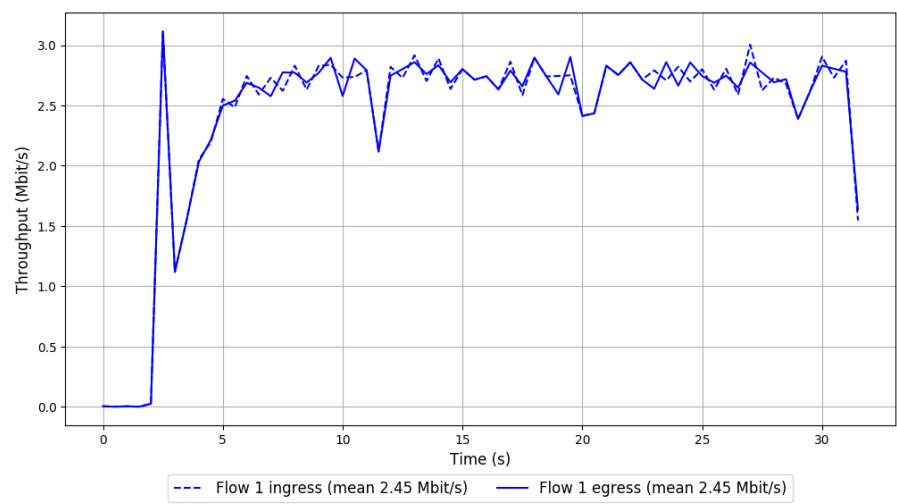
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.739 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-01-25 06:39:05

End at: 2018-01-25 06:39:35

Local clock offset: 0.549 ms

Remote clock offset: 0.16 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 2.753 ms

Loss rate: 0.00%

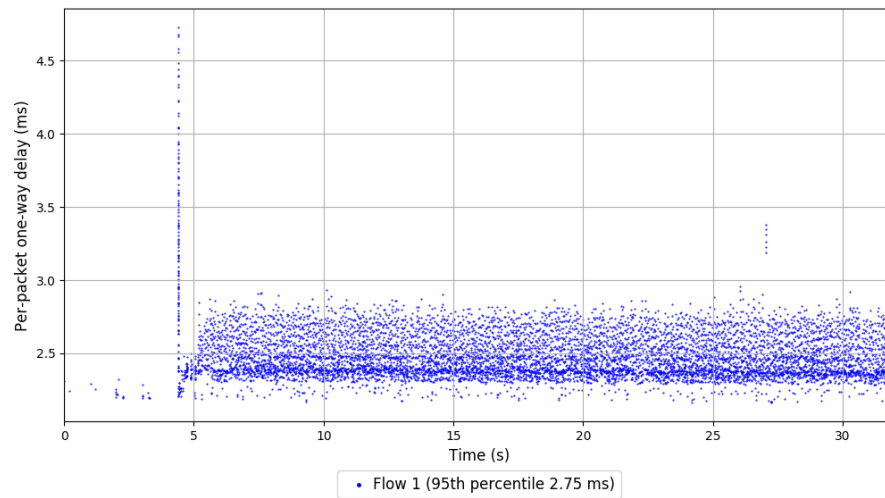
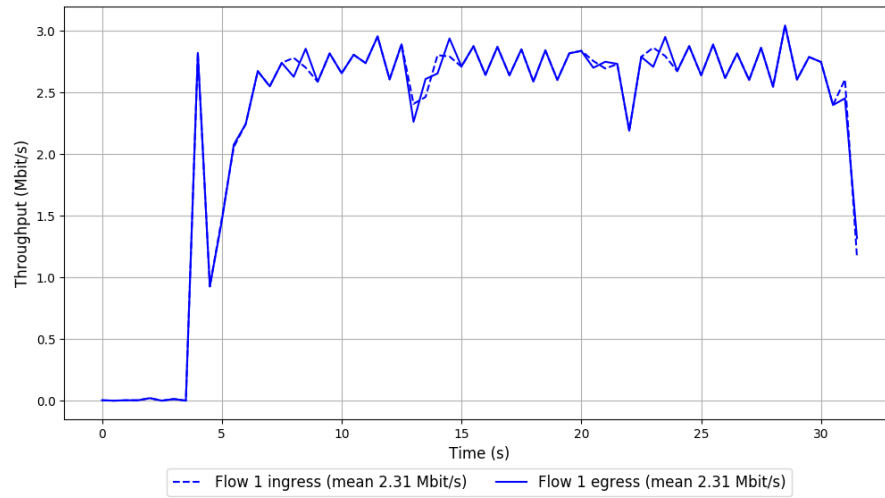
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 2.753 ms

Loss rate: 0.00%

#### Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-01-25 06:57:16

End at: 2018-01-25 06:57:46

Local clock offset: 0.61 ms

Remote clock offset: -0.43 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.818 ms

Loss rate: 0.04%

-- Flow 1:

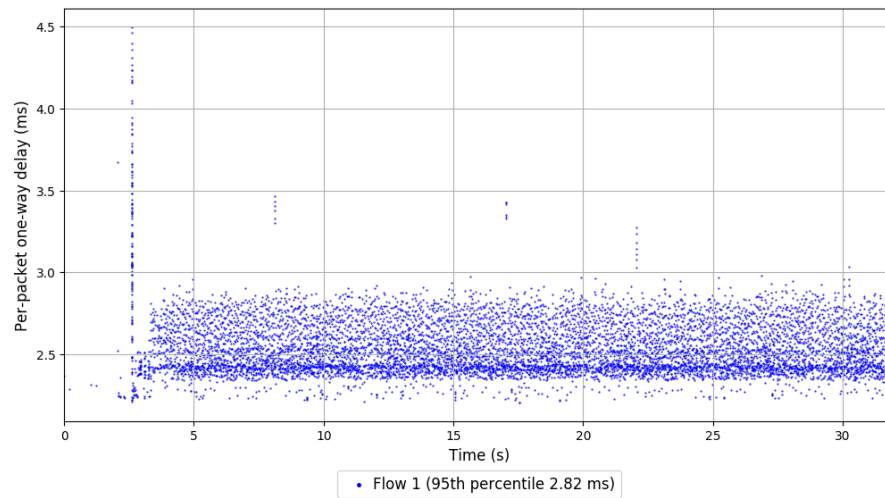
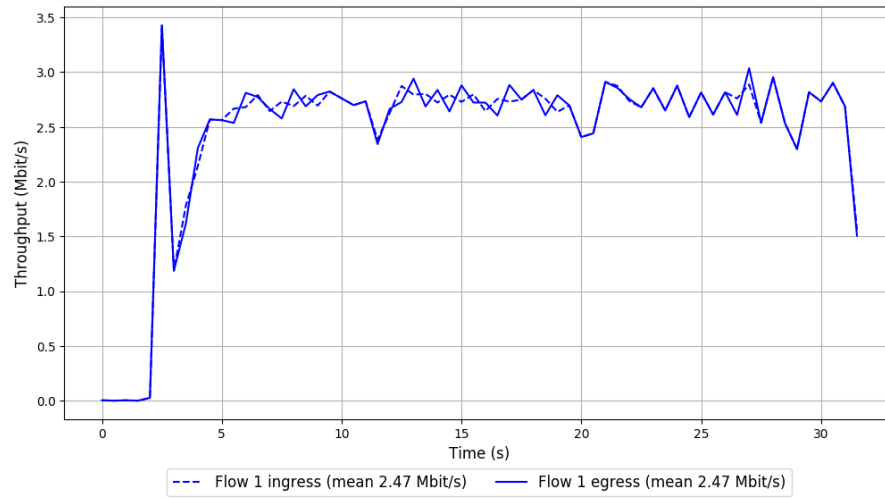
Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.818 ms

Loss rate: 0.04%



### Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-01-25 07:15:26

End at: 2018-01-25 07:15:56

Local clock offset: 0.609 ms

Remote clock offset: -0.44 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.62 Mbit/s

95th percentile per-packet one-way delay: 2.744 ms

Loss rate: 0.00%

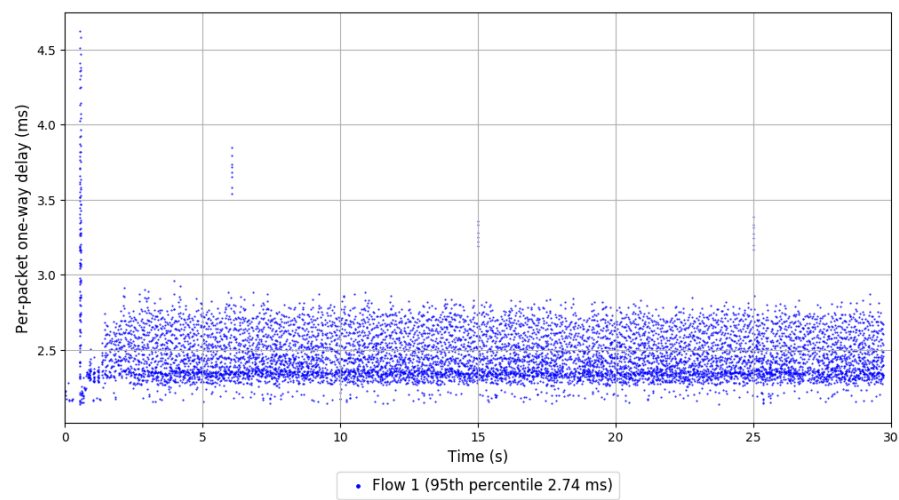
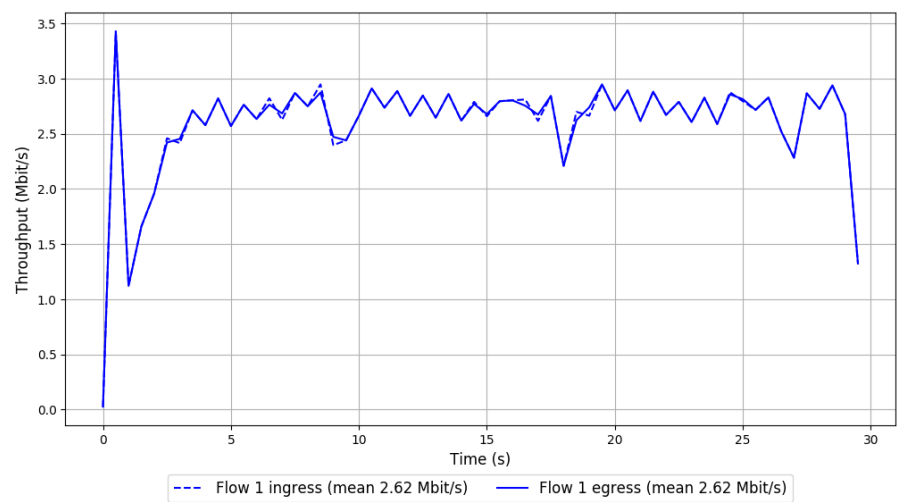
-- Flow 1:

Average throughput: 2.62 Mbit/s

95th percentile per-packet one-way delay: 2.744 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

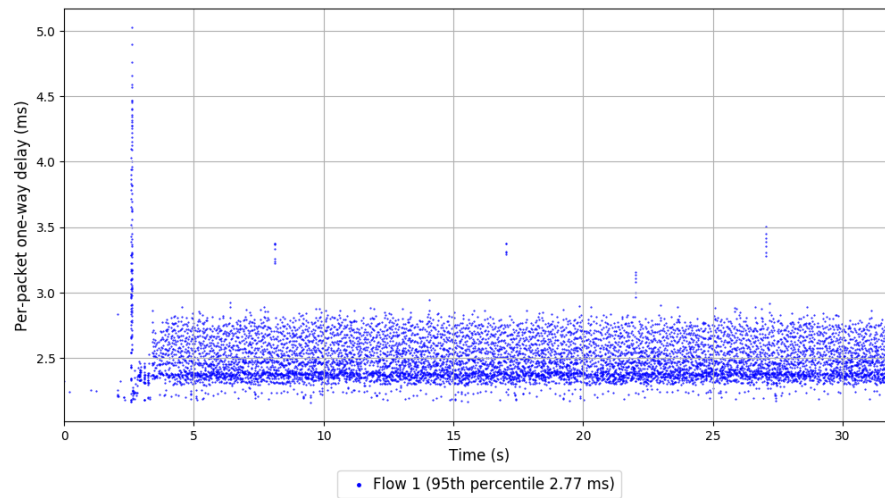
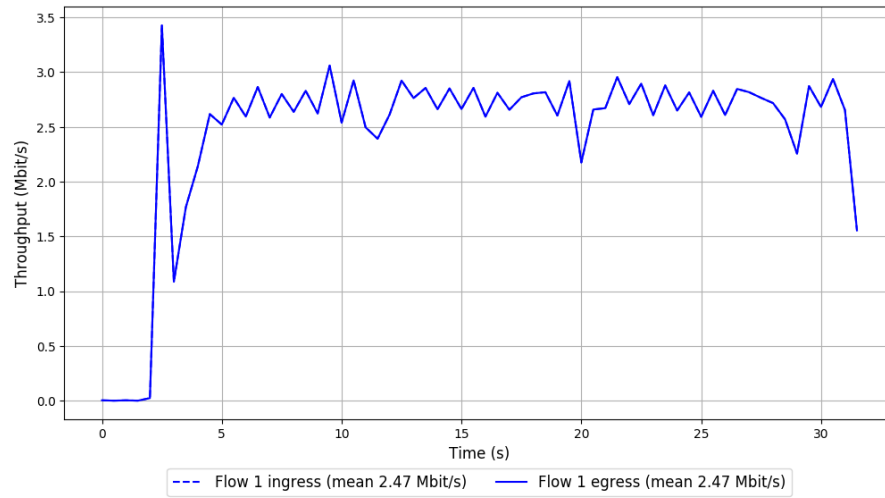


Run 7: Statistics of WebRTC media

Start at: 2018-01-25 07:33:36  
End at: 2018-01-25 07:34:06  
Local clock offset: 0.551 ms  
Remote clock offset: -0.417 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 2.770 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 2.770 ms  
Loss rate: 0.00%

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

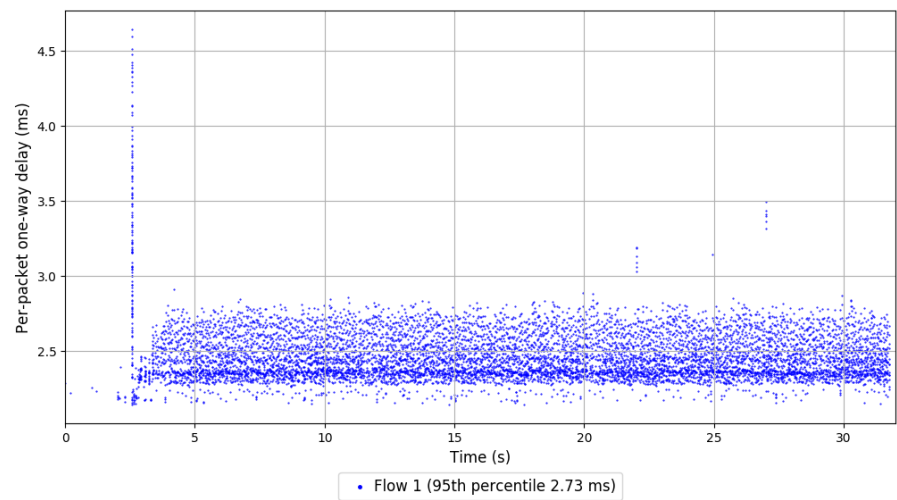
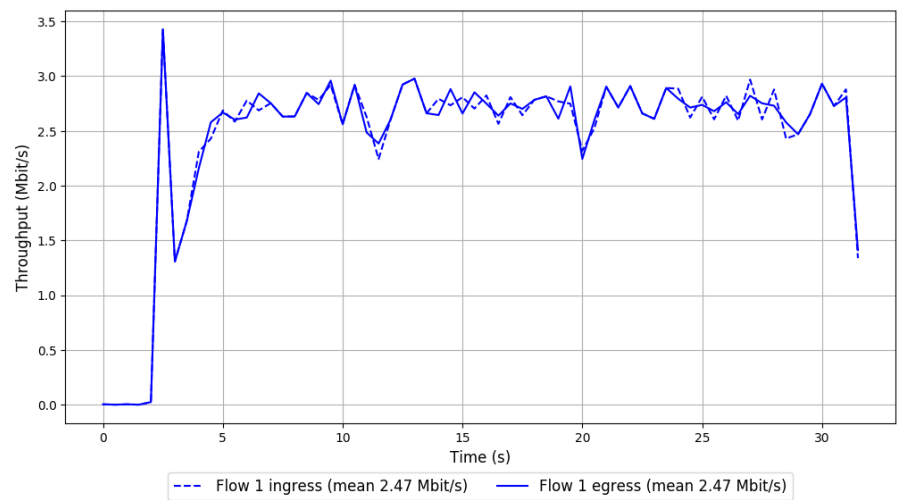


Run 8: Statistics of WebRTC media

Start at: 2018-01-25 07:51:47  
End at: 2018-01-25 07:52:17  
Local clock offset: 0.552 ms  
Remote clock offset: -0.225 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 2.726 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.47 Mbit/s  
95th percentile per-packet one-way delay: 2.726 ms  
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



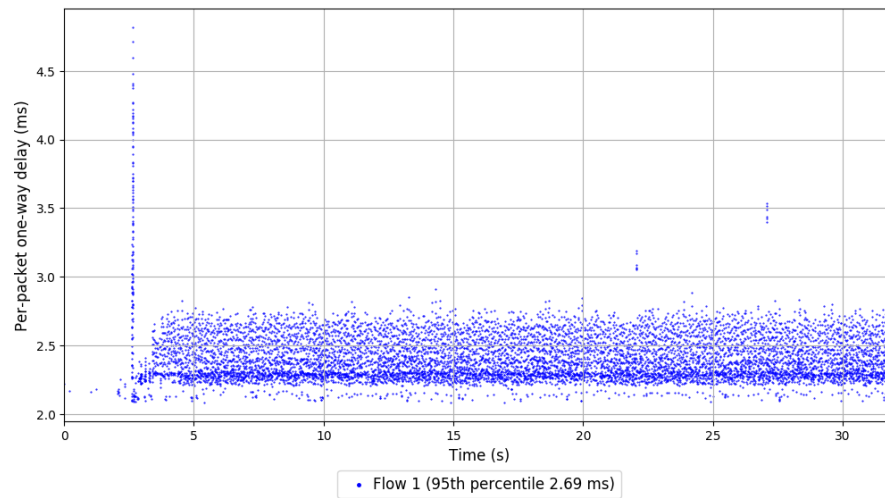
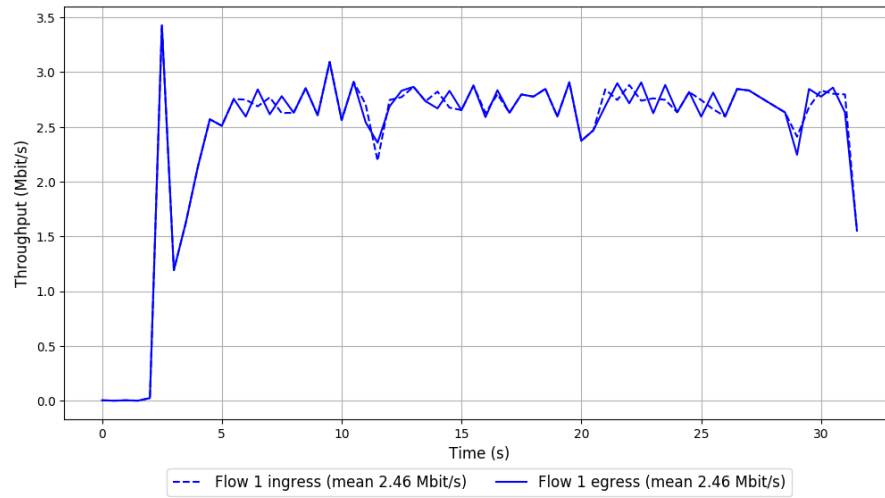
Run 9: Statistics of WebRTC media

Start at: 2018-01-25 08:09:58  
End at: 2018-01-25 08:10:28  
Local clock offset: 0.384 ms  
Remote clock offset: -0.225 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.46 Mbit/s  
95th percentile per-packet one-way delay: 2.688 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 2.46 Mbit/s  
95th percentile per-packet one-way delay: 2.688 ms  
Loss rate: 0.10%



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



Run 10: Statistics of WebRTC media

Start at: 2018-01-25 08:28:04

End at: 2018-01-25 08:28:34

Local clock offset: 0.44 ms

Remote clock offset: -0.199 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.729 ms

Loss rate: 0.00%

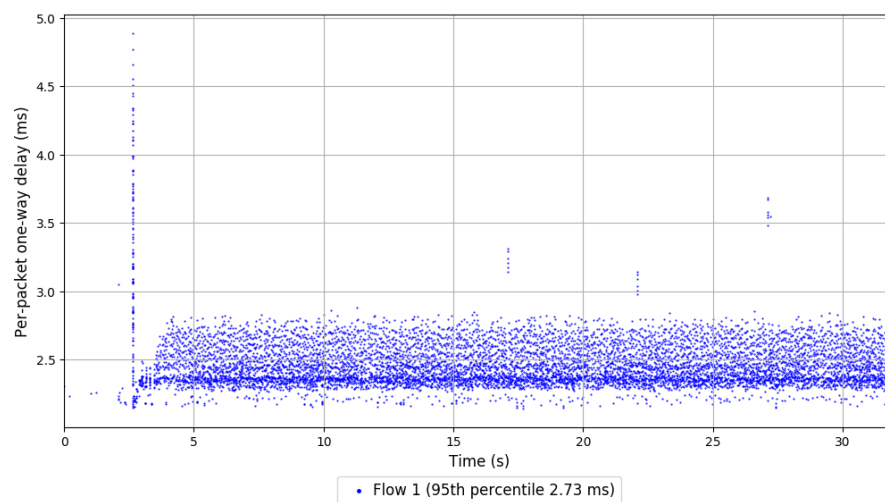
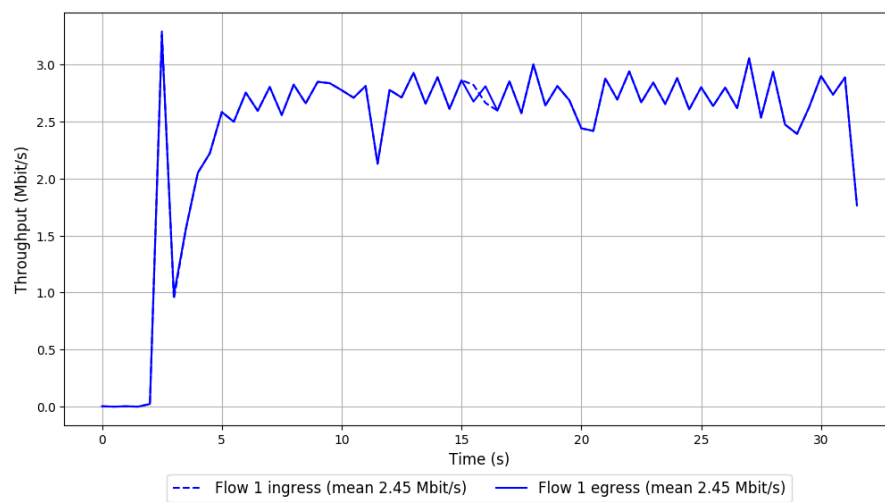
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.729 ms

Loss rate: 0.00%

# Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-01-25 05:47:59

End at: 2018-01-25 05:48:29

Local clock offset: 0.499 ms

Remote clock offset: 0.332 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.14 Mbit/s

95th percentile per-packet one-way delay: 11.323 ms

Loss rate: 0.00%

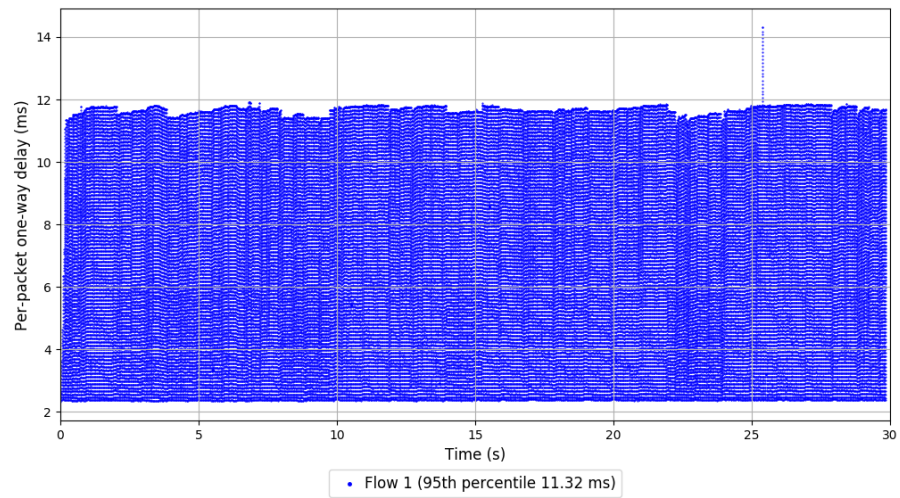
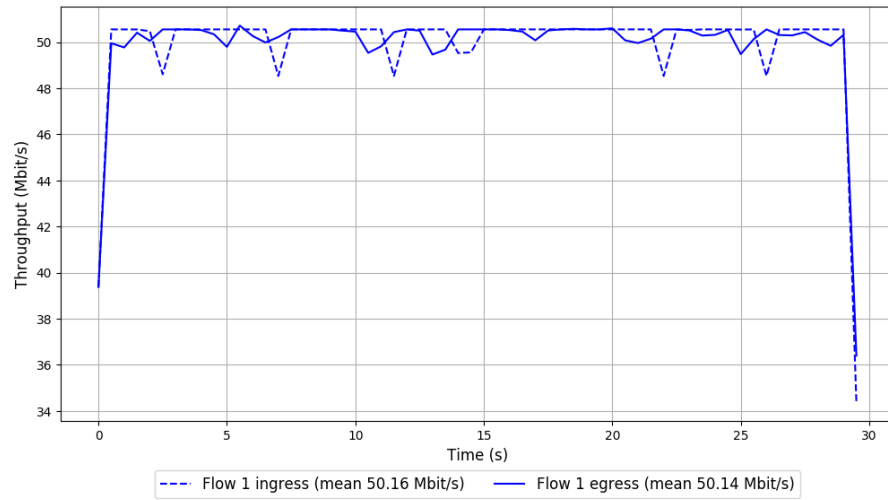
-- Flow 1:

Average throughput: 50.14 Mbit/s

95th percentile per-packet one-way delay: 11.323 ms

Loss rate: 0.00%

# Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-01-25 06:06:09

End at: 2018-01-25 06:06:39

Local clock offset: 0.507 ms

Remote clock offset: 0.432 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.22 Mbit/s

95th percentile per-packet one-way delay: 11.450 ms

Loss rate: 0.05%

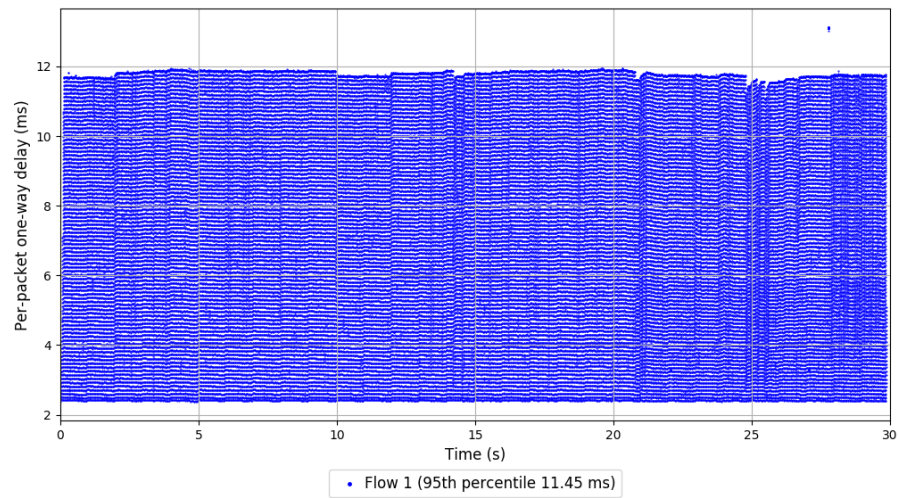
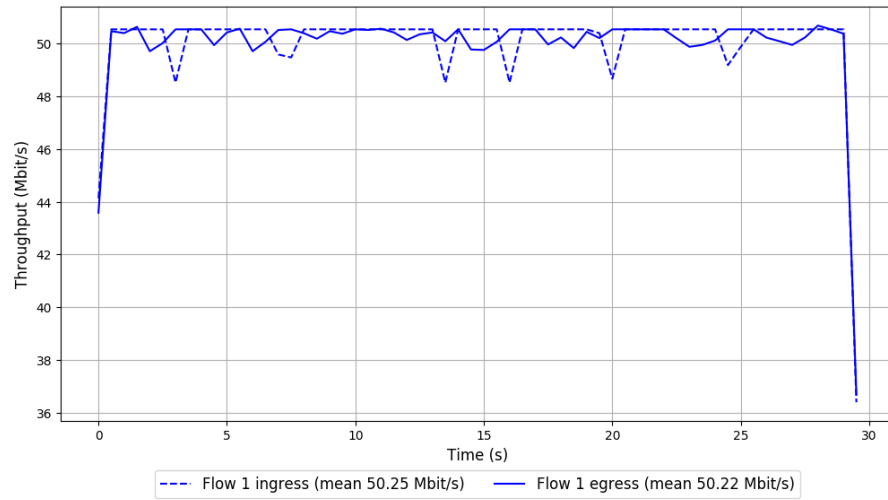
-- Flow 1:

Average throughput: 50.22 Mbit/s

95th percentile per-packet one-way delay: 11.450 ms

Loss rate: 0.05%

## Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-01-25 06:24:20

End at: 2018-01-25 06:24:50

Local clock offset: 0.458 ms

Remote clock offset: 0.569 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.17 Mbit/s

95th percentile per-packet one-way delay: 11.352 ms

Loss rate: 0.02%

-- Flow 1:

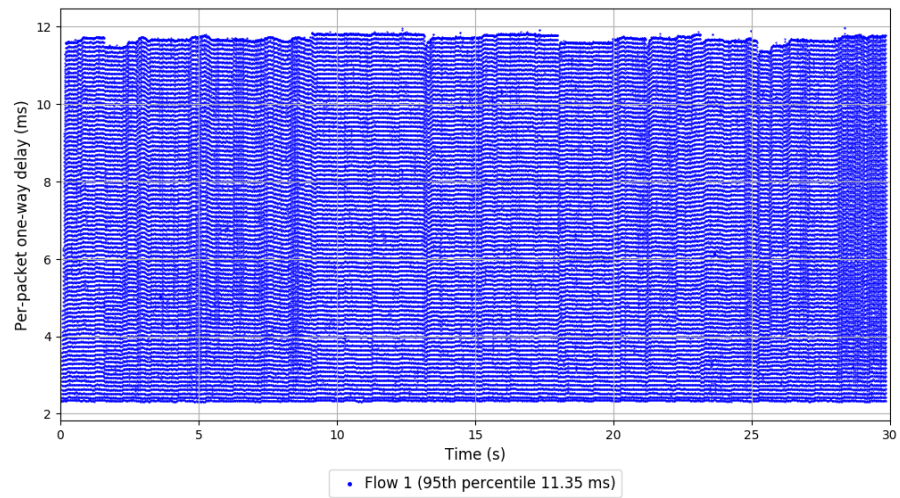
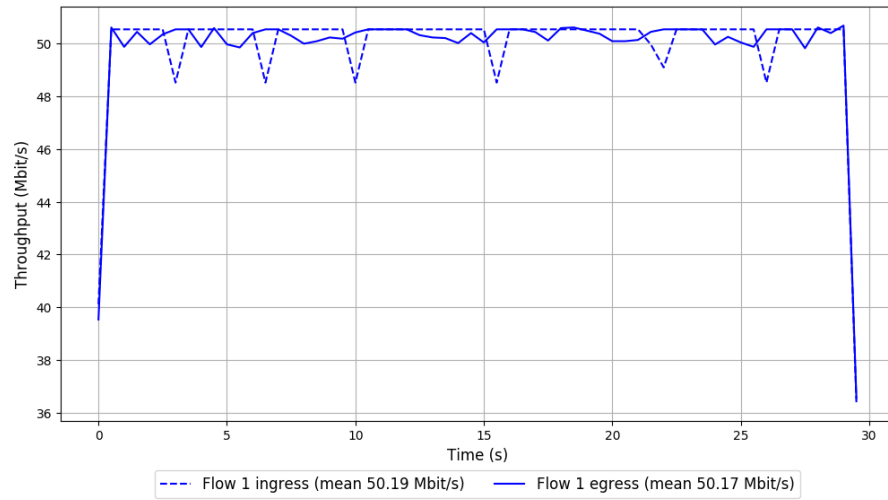
Average throughput: 50.17 Mbit/s

95th percentile per-packet one-way delay: 11.352 ms

Loss rate: 0.02%



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



Run 4: Statistics of Sprout

Start at: 2018-01-25 06:42:27

End at: 2018-01-25 06:42:57

Local clock offset: 0.505 ms

Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-01-25 11:56:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 11.191 ms

Loss rate: 0.00%

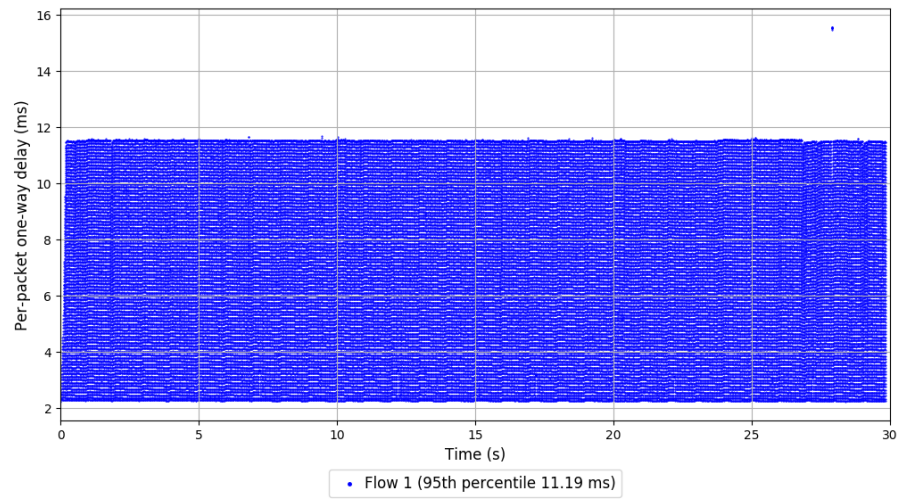
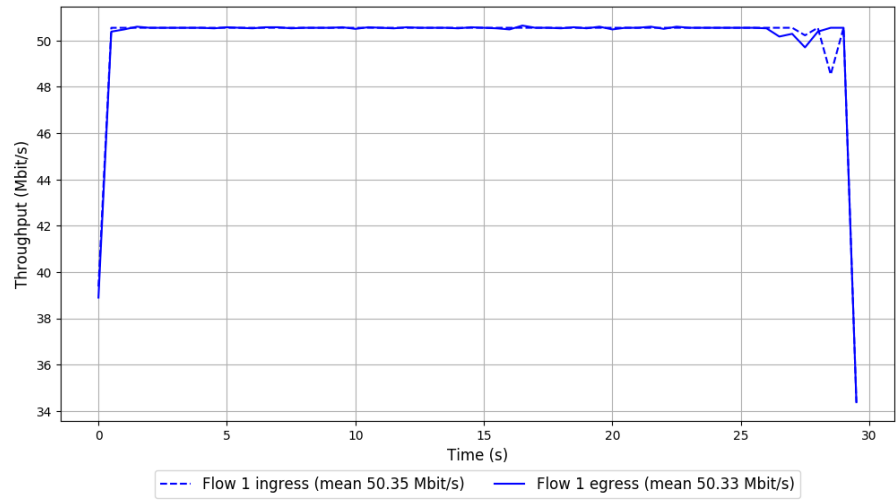
-- Flow 1:

Average throughput: 50.33 Mbit/s

95th percentile per-packet one-way delay: 11.191 ms

Loss rate: 0.00%

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

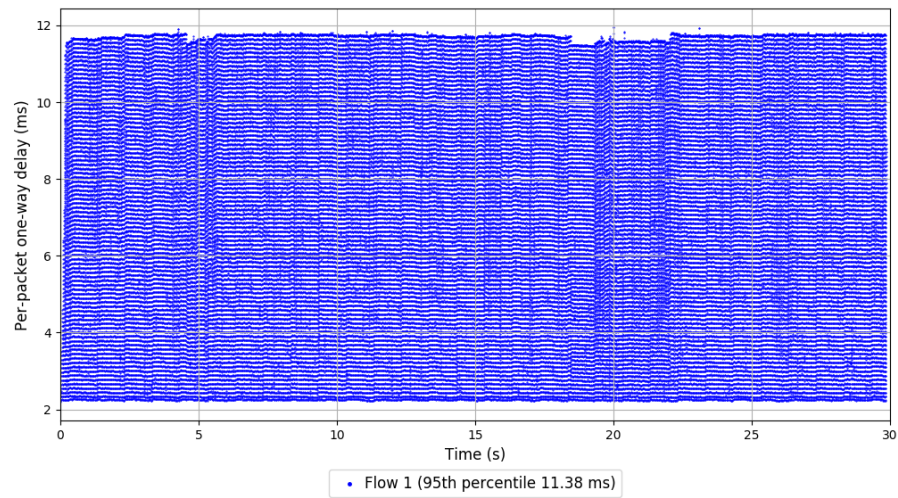
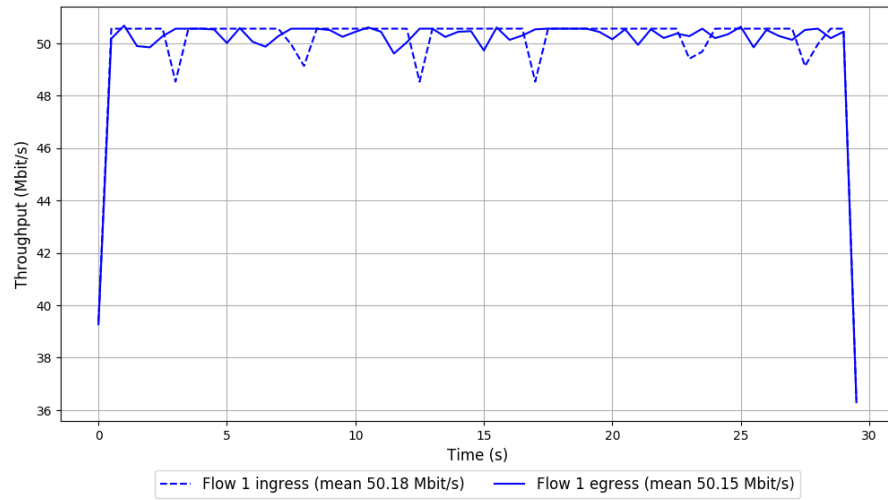


Run 5: Statistics of Sprout

Start at: 2018-01-25 07:00:38  
End at: 2018-01-25 07:01:08  
Local clock offset: 0.53 ms  
Remote clock offset: -0.398 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.15 Mbit/s  
95th percentile per-packet one-way delay: 11.380 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 50.15 Mbit/s  
95th percentile per-packet one-way delay: 11.380 ms  
Loss rate: 0.02%

## Run 5: Report of Sprout — Data Link

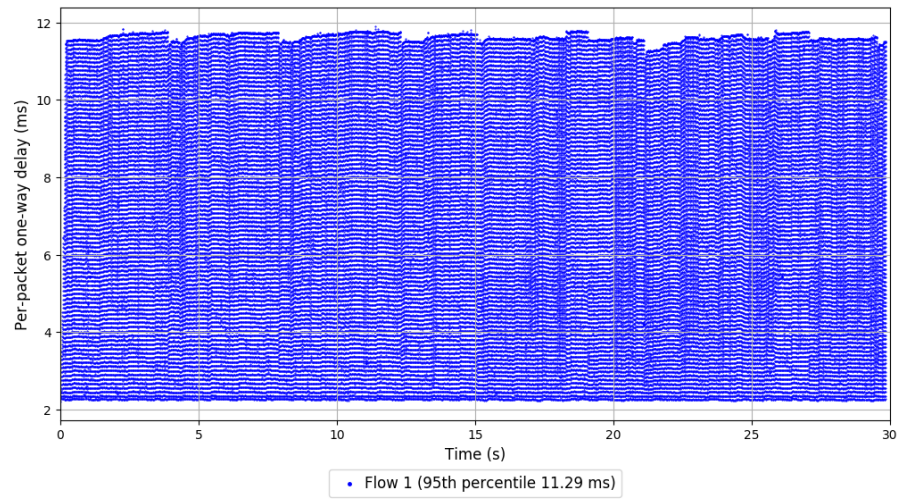
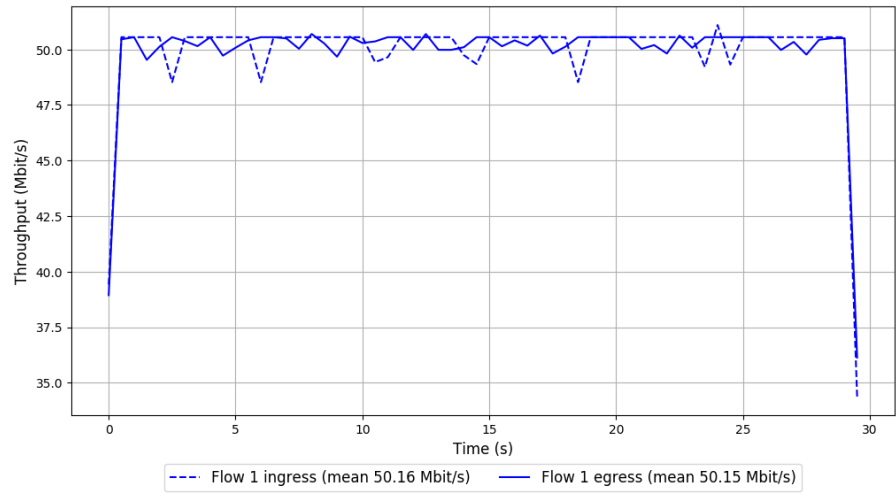


Run 6: Statistics of Sprout

Start at: 2018-01-25 07:18:48  
End at: 2018-01-25 07:19:18  
Local clock offset: 0.545 ms  
Remote clock offset: -0.441 ms

# Below is generated by plot.py at 2018-01-25 11:56:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.15 Mbit/s  
95th percentile per-packet one-way delay: 11.285 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.15 Mbit/s  
95th percentile per-packet one-way delay: 11.285 ms  
Loss rate: 0.00%

## Run 6: Report of Sprout — Data Link



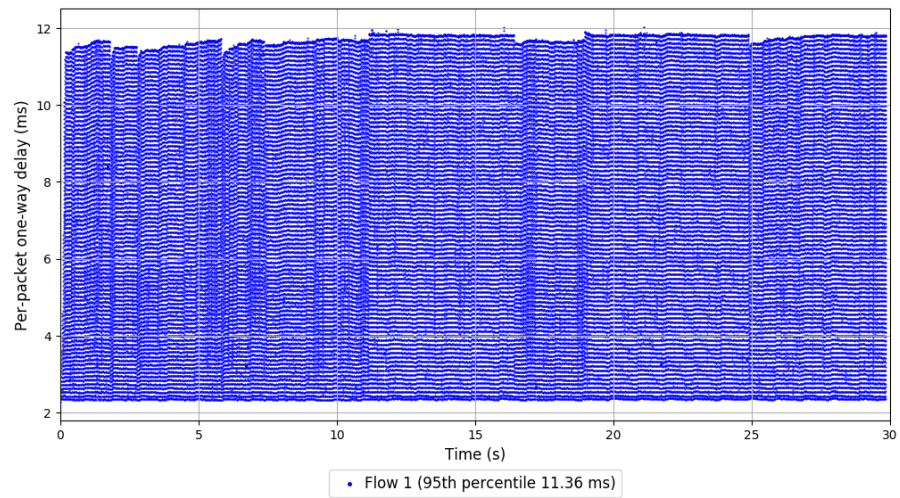
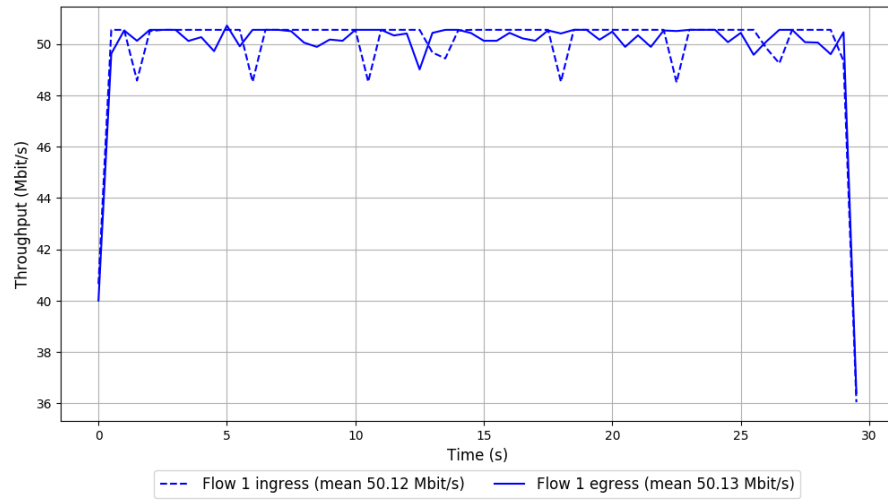
Run 7: Statistics of Sprout

Start at: 2018-01-25 07:36:59  
End at: 2018-01-25 07:37:29  
Local clock offset: 0.611 ms  
Remote clock offset: -0.335 ms

# Below is generated by plot.py at 2018-01-25 11:57:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.13 Mbit/s  
95th percentile per-packet one-way delay: 11.363 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 50.13 Mbit/s  
95th percentile per-packet one-way delay: 11.363 ms  
Loss rate: 0.02%



## Run 7: Report of Sprout — Data Link

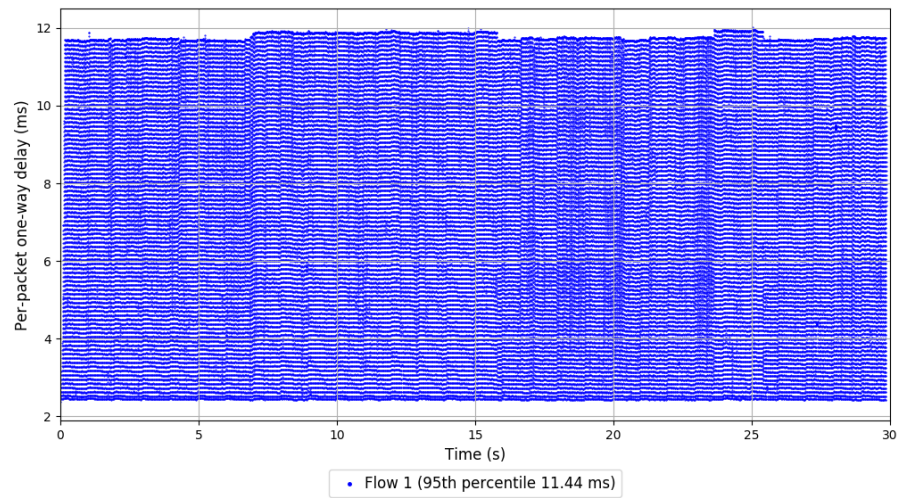
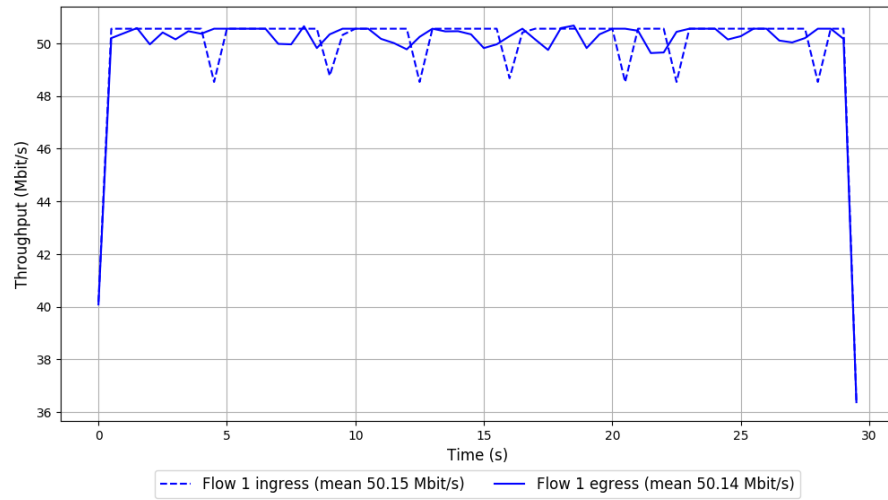


Run 8: Statistics of Sprout

Start at: 2018-01-25 07:55:10  
End at: 2018-01-25 07:55:40  
Local clock offset: 0.534 ms  
Remote clock offset: -0.322 ms

# Below is generated by plot.py at 2018-01-25 11:57:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.14 Mbit/s  
95th percentile per-packet one-way delay: 11.440 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 50.14 Mbit/s  
95th percentile per-packet one-way delay: 11.440 ms  
Loss rate: 0.01%

## Run 8: Report of Sprout — Data Link

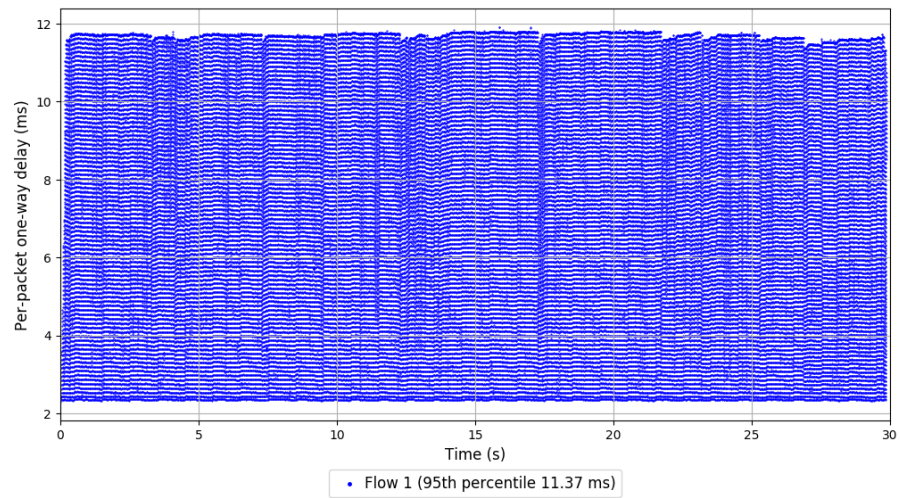
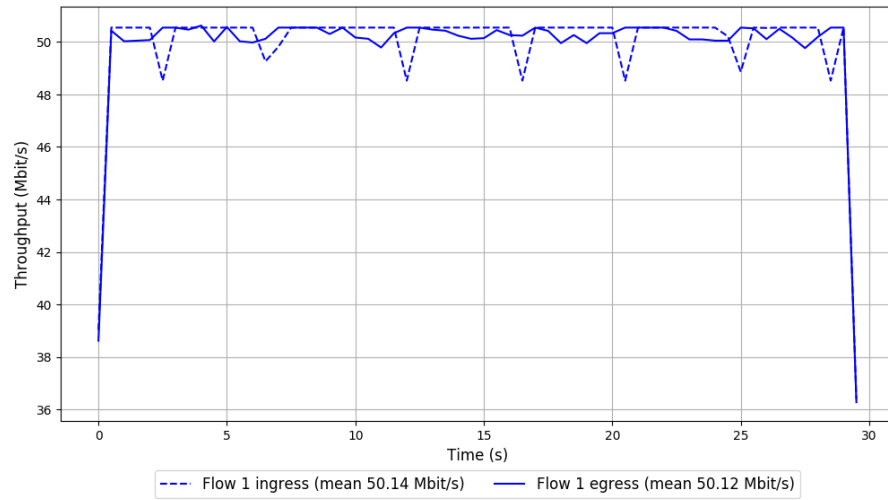


Run 9: Statistics of Sprout

Start at: 2018-01-25 08:13:20  
End at: 2018-01-25 08:13:50  
Local clock offset: 0.36 ms  
Remote clock offset: -0.303 ms

# Below is generated by plot.py at 2018-01-25 11:57:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.12 Mbit/s  
95th percentile per-packet one-way delay: 11.365 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.12 Mbit/s  
95th percentile per-packet one-way delay: 11.365 ms  
Loss rate: 0.00%

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

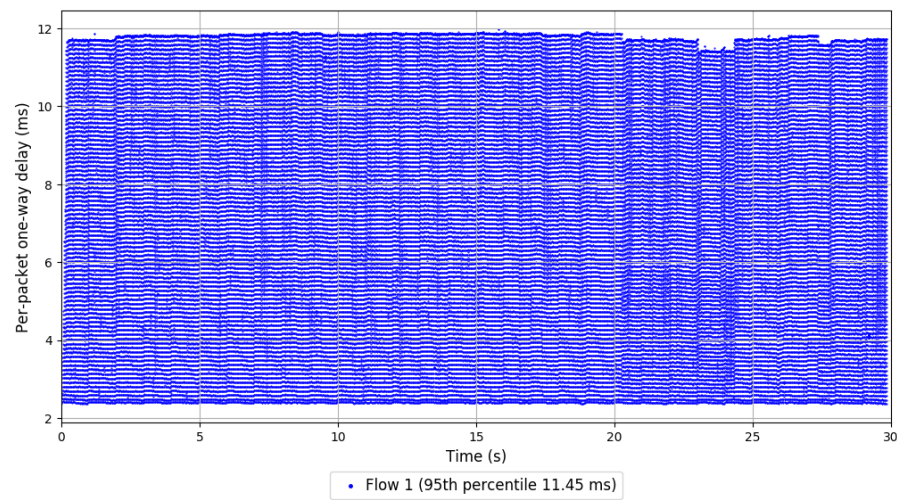
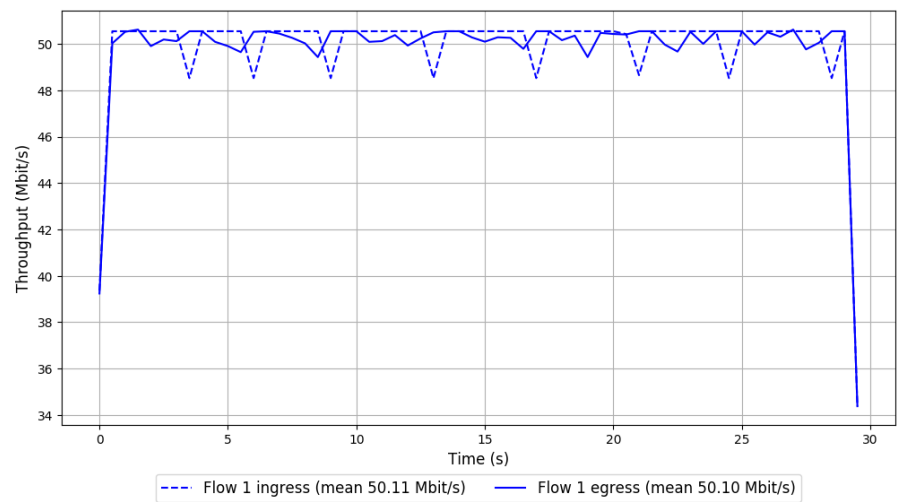


Run 10: Statistics of Sprout

Start at: 2018-01-25 08:31:27  
End at: 2018-01-25 08:31:57  
Local clock offset: 0.433 ms  
Remote clock offset: -0.269 ms

# Below is generated by plot.py at 2018-01-25 11:57:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 50.10 Mbit/s  
95th percentile per-packet one-way delay: 11.453 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 50.10 Mbit/s  
95th percentile per-packet one-way delay: 11.453 ms  
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-01-25 05:50:11

End at: 2018-01-25 05:50:41

Local clock offset: 0.432 ms

Remote clock offset: 0.379 ms

# Below is generated by plot.py at 2018-01-25 11:58:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 2.337 ms

Loss rate: 0.02%

-- Flow 1:

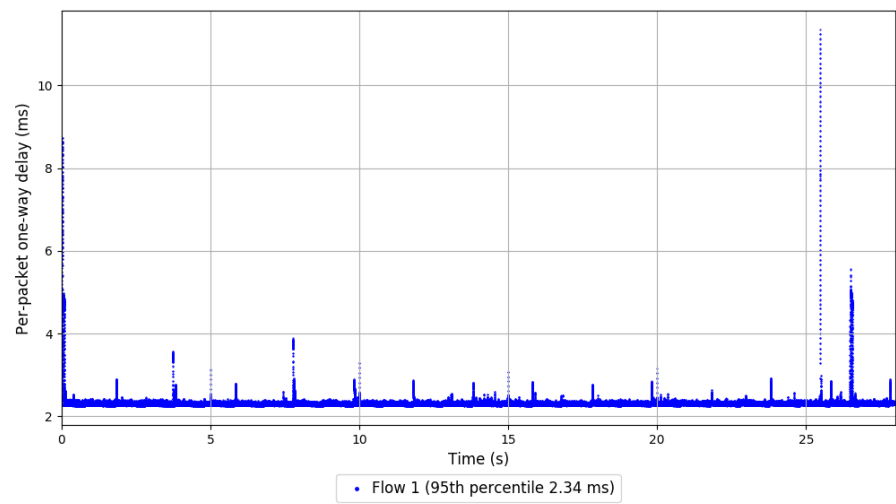
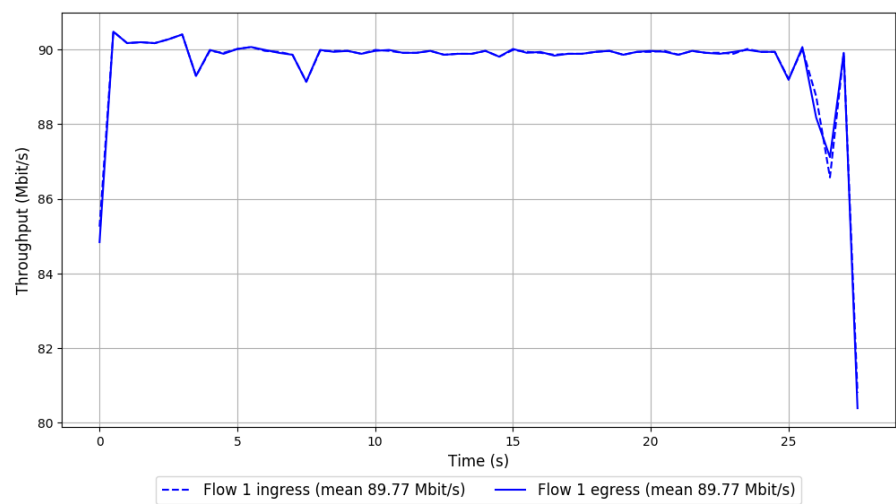
Average throughput: 89.77 Mbit/s

95th percentile per-packet one-way delay: 2.337 ms

Loss rate: 0.02%



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



Run 2: Statistics of TaoVA-100x

Start at: 2018-01-25 06:08:21

End at: 2018-01-25 06:08:51

Local clock offset: 0.505 ms

Remote clock offset: 0.526 ms

# Below is generated by plot.py at 2018-01-25 11:58:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 2.387 ms

Loss rate: 0.02%

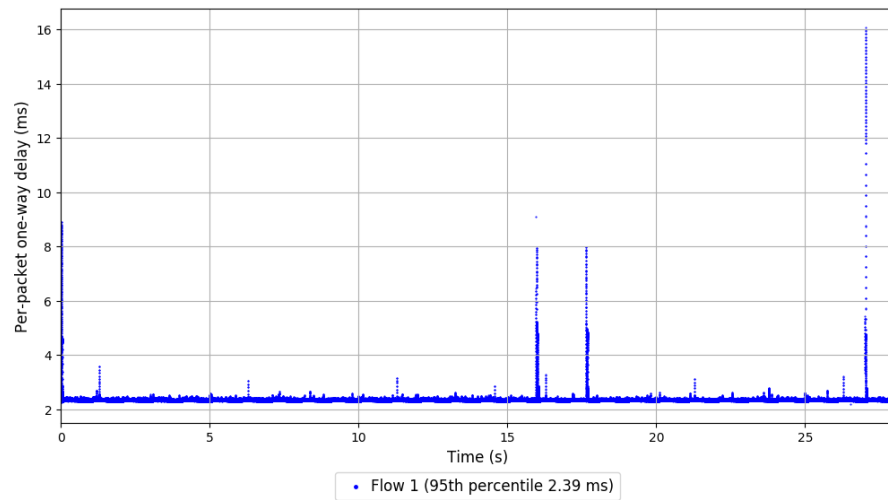
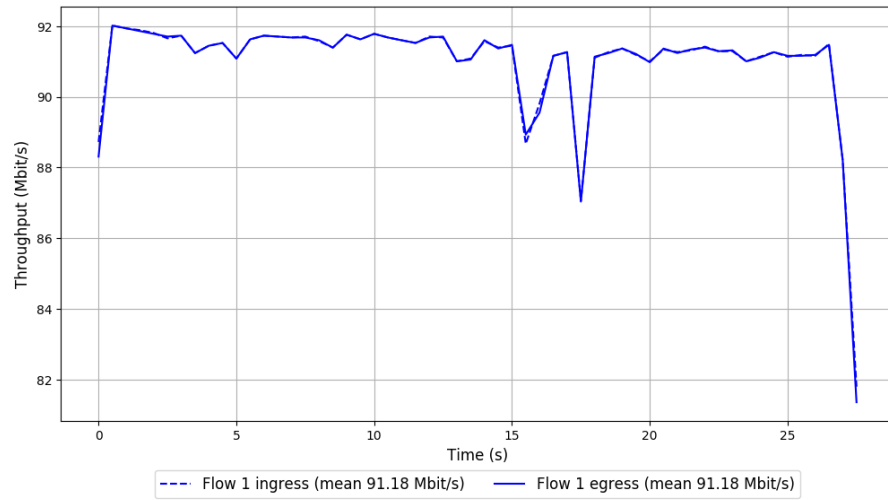
-- Flow 1:

Average throughput: 91.18 Mbit/s

95th percentile per-packet one-way delay: 2.387 ms

Loss rate: 0.02%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-01-25 06:26:32

End at: 2018-01-25 06:27:02

Local clock offset: 0.531 ms

Remote clock offset: 0.601 ms

# Below is generated by plot.py at 2018-01-25 11:58:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.21 Mbit/s

95th percentile per-packet one-way delay: 2.437 ms

Loss rate: 0.02%

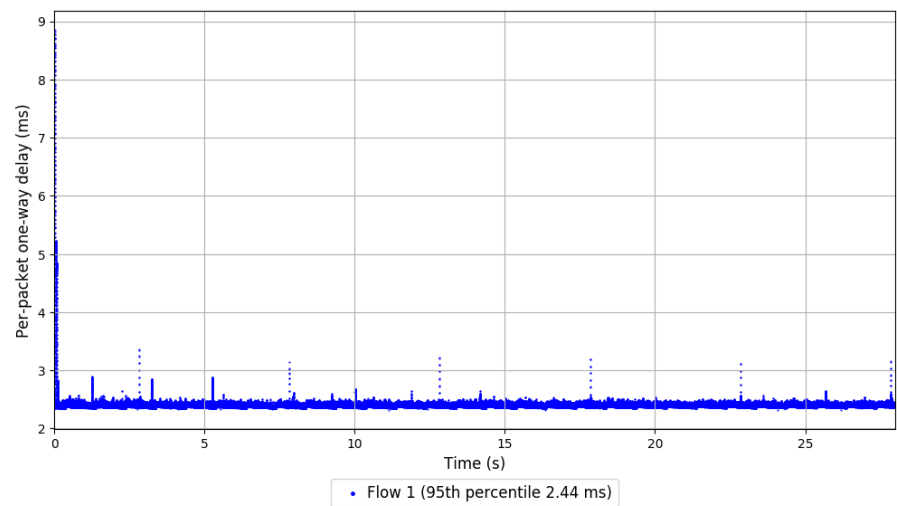
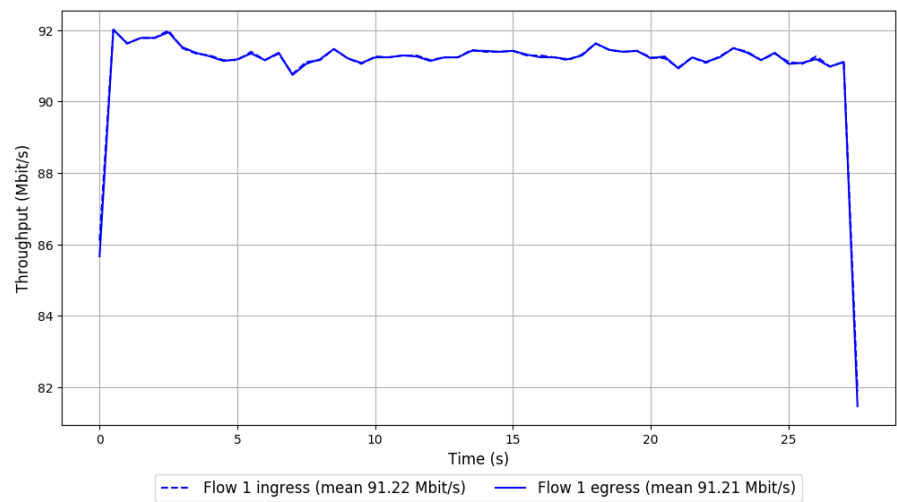
-- Flow 1:

Average throughput: 91.21 Mbit/s

95th percentile per-packet one-way delay: 2.437 ms

Loss rate: 0.02%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-01-25 06:44:39

End at: 2018-01-25 06:45:09

Local clock offset: 0.573 ms

Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2018-01-25 11:58:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.28 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.02%

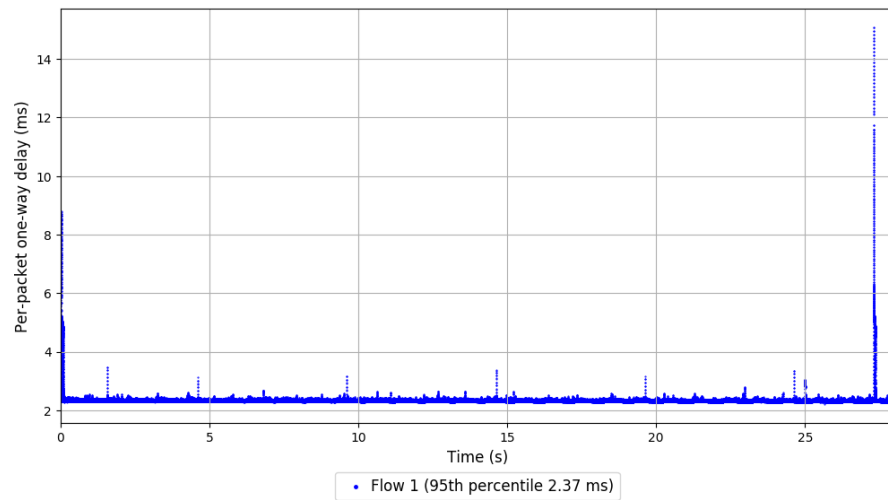
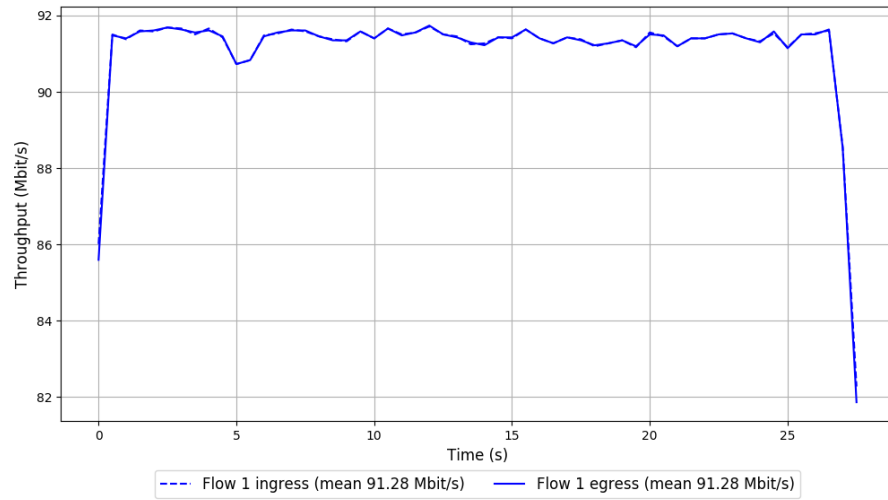
-- Flow 1:

Average throughput: 91.28 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-25 07:02:50

End at: 2018-01-25 07:03:20

Local clock offset: 0.594 ms

Remote clock offset: -0.434 ms

# Below is generated by plot.py at 2018-01-25 11:59:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 89.92 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.02%

-- Flow 1:

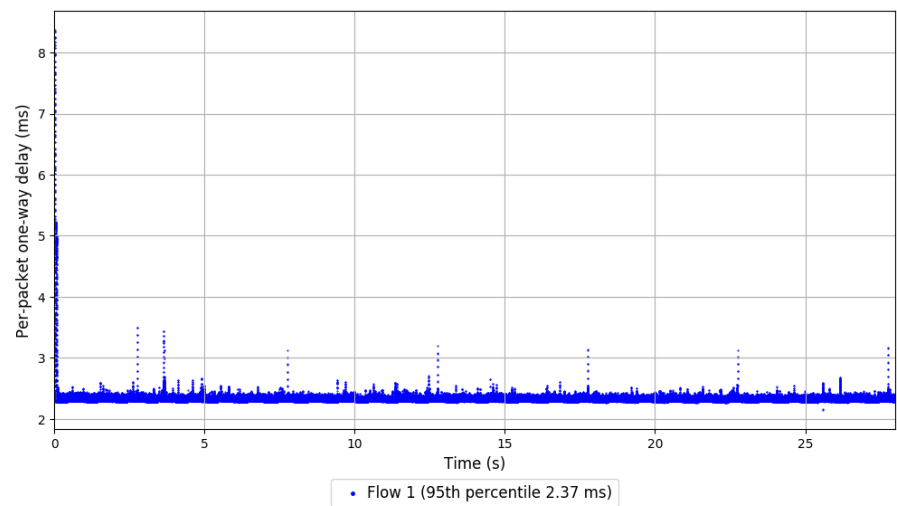
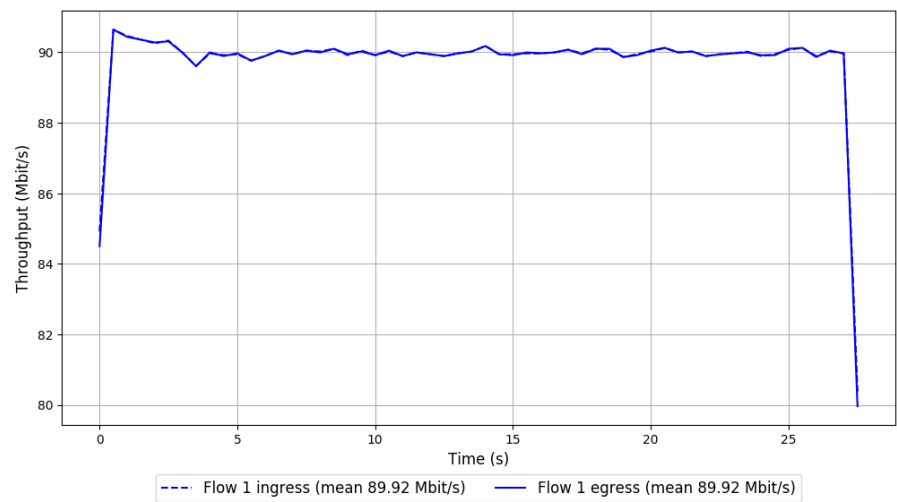
Average throughput: 89.92 Mbit/s

95th percentile per-packet one-way delay: 2.369 ms

Loss rate: 0.02%



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

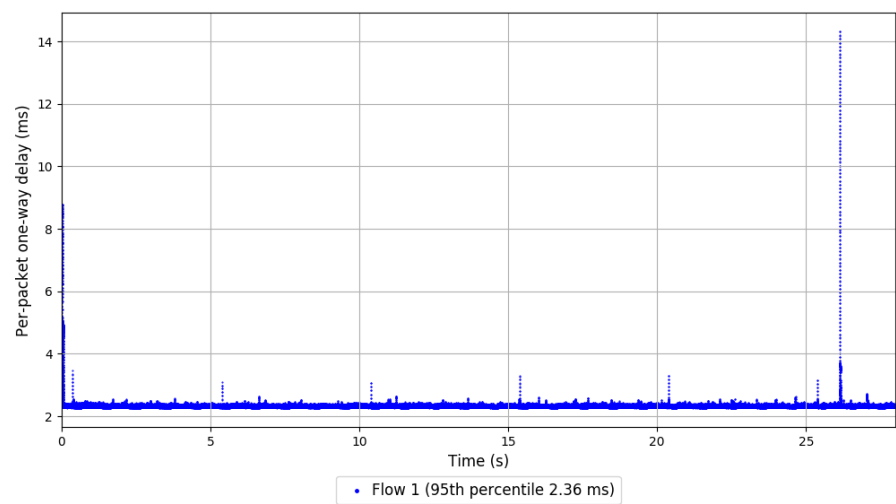
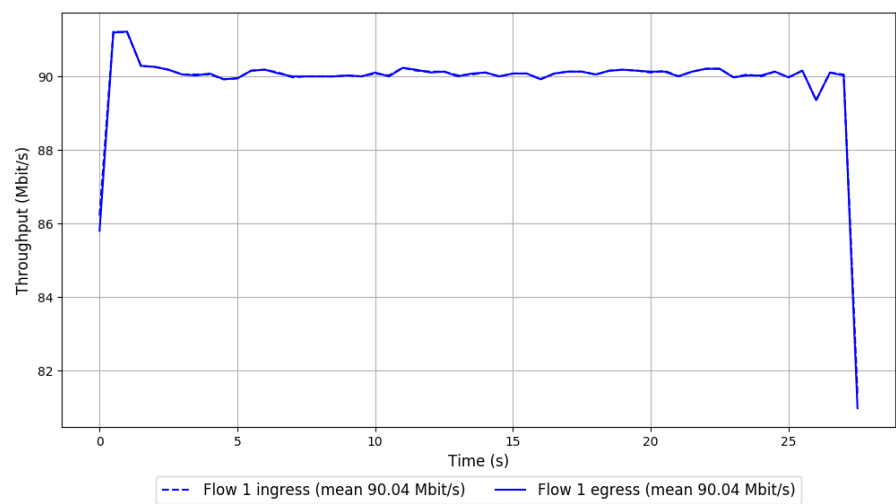


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-25 07:21:00  
End at: 2018-01-25 07:21:30  
Local clock offset: 0.601 ms  
Remote clock offset: -0.426 ms

# Below is generated by plot.py at 2018-01-25 11:59:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.04 Mbit/s  
95th percentile per-packet one-way delay: 2.357 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 90.04 Mbit/s  
95th percentile per-packet one-way delay: 2.357 ms  
Loss rate: 0.02%

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

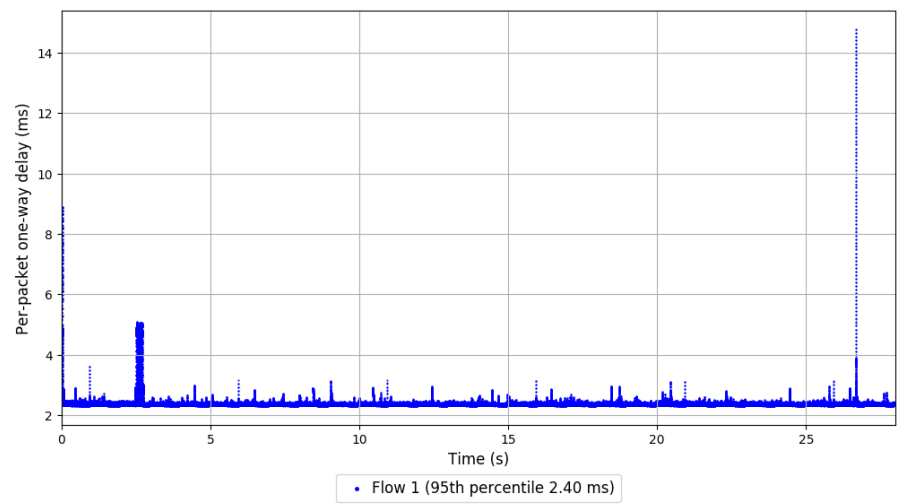
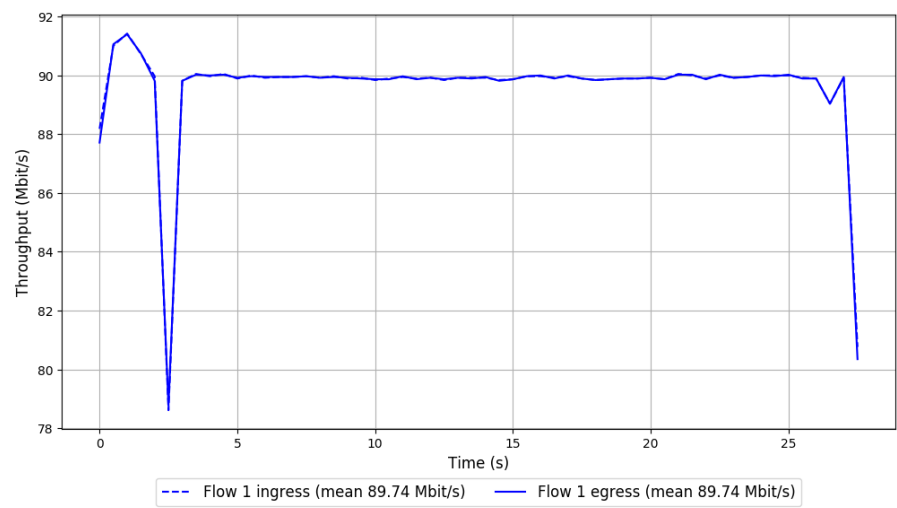


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-25 07:39:11  
End at: 2018-01-25 07:39:41  
Local clock offset: 0.55 ms  
Remote clock offset: -0.383 ms

# Below is generated by plot.py at 2018-01-25 11:59:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 89.74 Mbit/s  
95th percentile per-packet one-way delay: 2.403 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 89.74 Mbit/s  
95th percentile per-packet one-way delay: 2.403 ms  
Loss rate: 0.02%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-01-25 07:57:22

End at: 2018-01-25 07:57:52

Local clock offset: 0.509 ms

Remote clock offset: -0.302 ms

# Below is generated by plot.py at 2018-01-25 11:59:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 2.452 ms

Loss rate: 0.02%

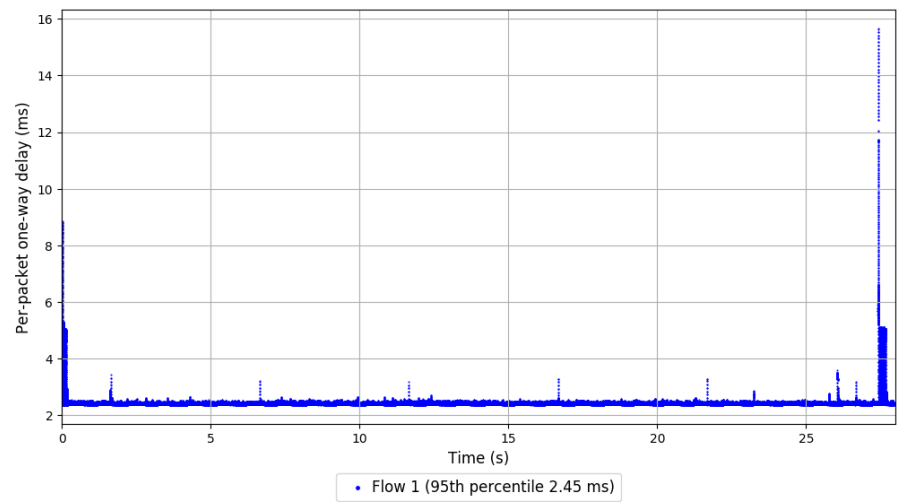
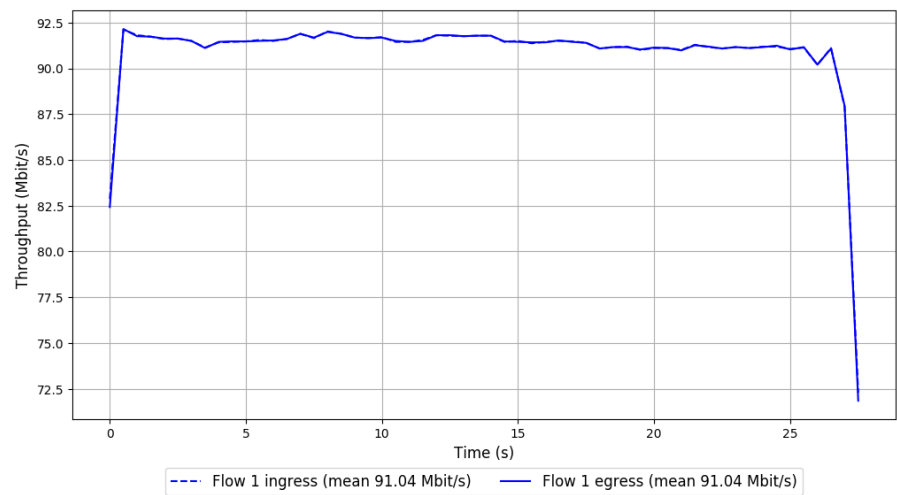
-- Flow 1:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 2.452 ms

Loss rate: 0.02%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-25 08:15:32

End at: 2018-01-25 08:16:02

Local clock offset: 0.419 ms

Remote clock offset: -0.226 ms

# Below is generated by plot.py at 2018-01-25 12:00:48

# Datalink statistics

-- Total of 1 flow:

Average throughput: 90.17 Mbit/s

95th percentile per-packet one-way delay: 2.384 ms

Loss rate: 0.02%

-- Flow 1:

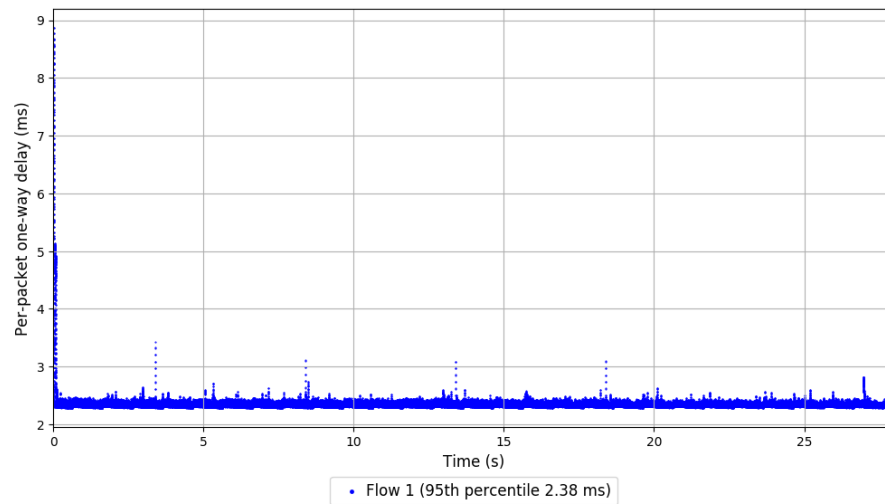
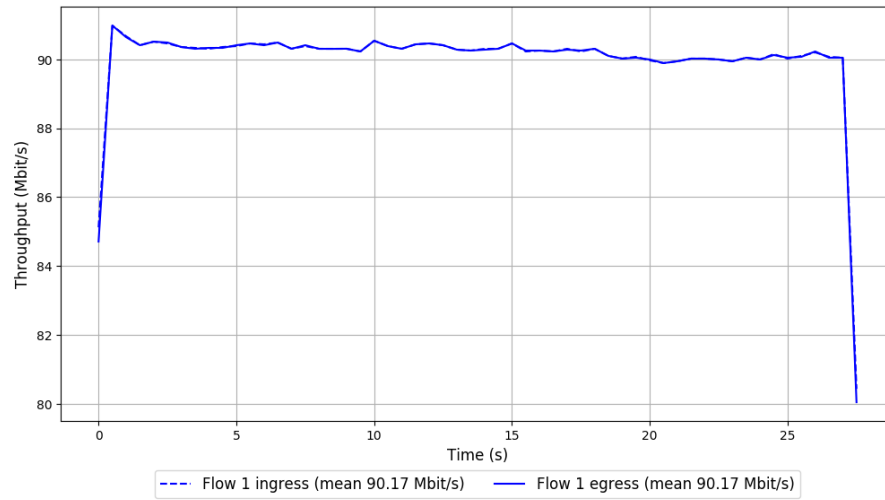
Average throughput: 90.17 Mbit/s

95th percentile per-packet one-way delay: 2.384 ms

Loss rate: 0.02%



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



Run 10: Statistics of TaoVA-100x

Start at: 2018-01-25 08:33:39

End at: 2018-01-25 08:34:09

Local clock offset: 0.443 ms

Remote clock offset: -0.216 ms

# Below is generated by plot.py at 2018-01-25 12:00:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 2.391 ms

Loss rate: 0.02%

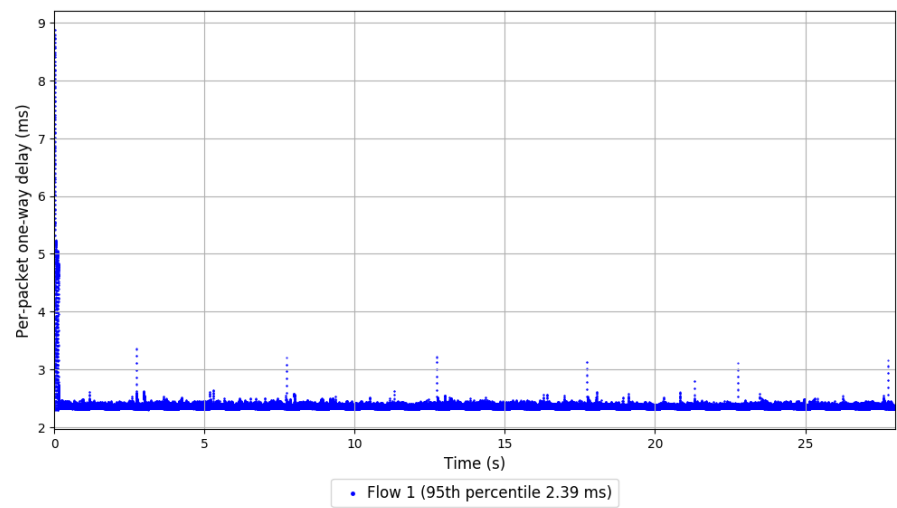
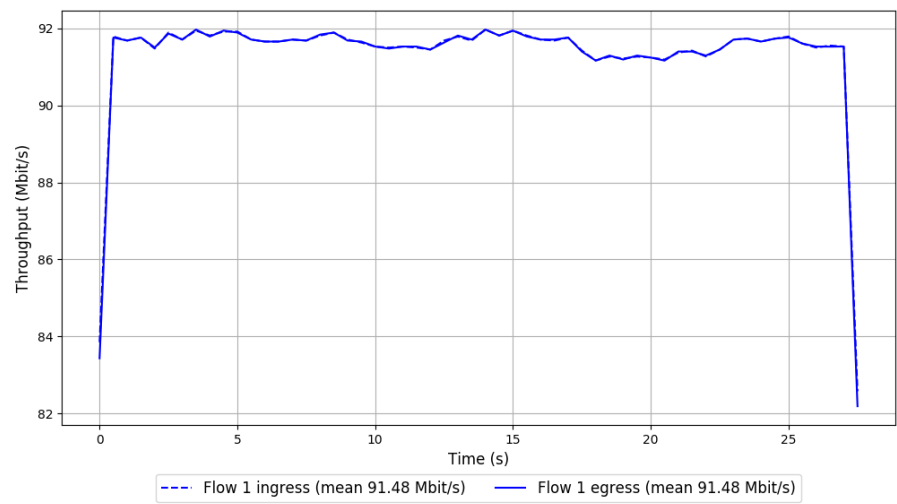
-- Flow 1:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 2.391 ms

Loss rate: 0.02%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-01-25 05:52:32

End at: 2018-01-25 05:53:02

Local clock offset: 0.477 ms

Remote clock offset: 0.341 ms

# Below is generated by plot.py at 2018-01-25 12:00:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 3.646 ms

Loss rate: 0.02%

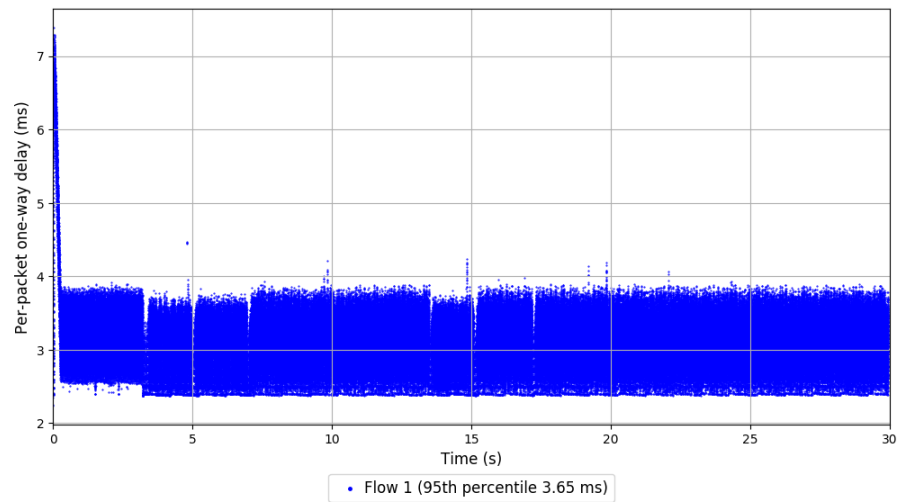
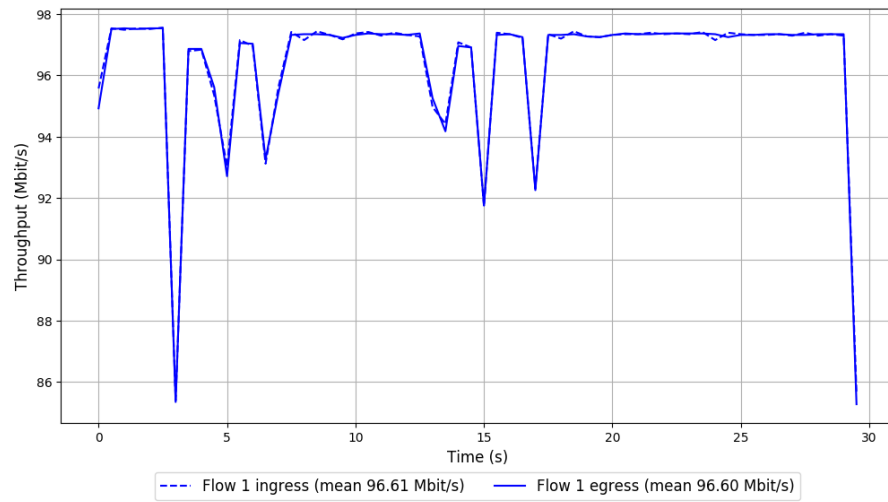
-- Flow 1:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 3.646 ms

Loss rate: 0.02%

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



Run 2: Statistics of TCP Vegas

Start at: 2018-01-25 06:10:42

End at: 2018-01-25 06:11:12

Local clock offset: 0.438 ms

Remote clock offset: 0.497 ms

# Below is generated by plot.py at 2018-01-25 12:00:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 3.649 ms

Loss rate: 0.02%

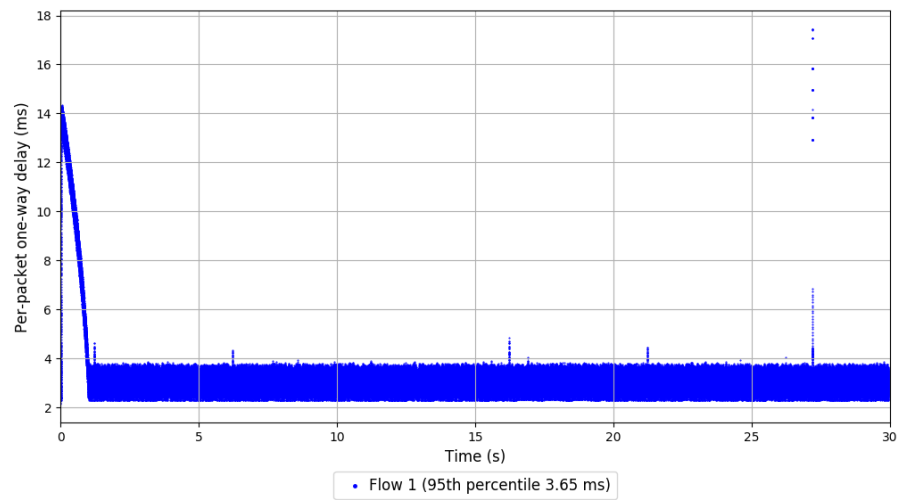
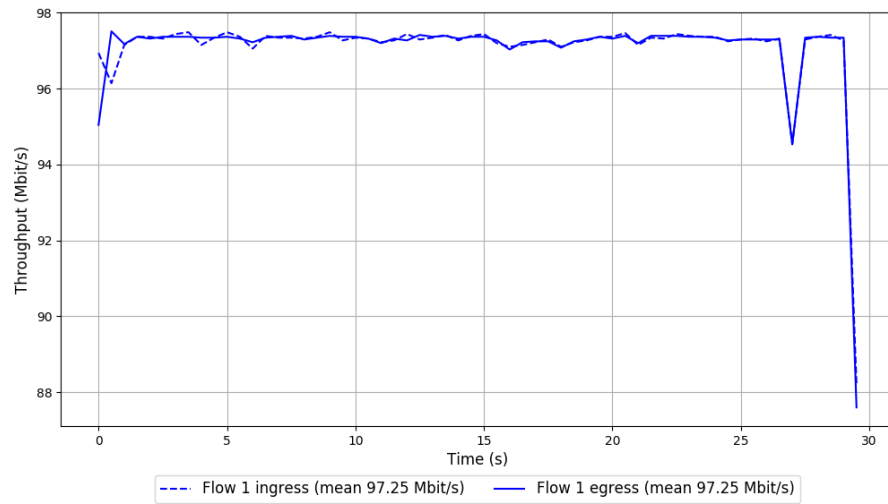
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 3.649 ms

Loss rate: 0.02%

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



Run 3: Statistics of TCP Vegas

Start at: 2018-01-25 06:28:53

End at: 2018-01-25 06:29:23

Local clock offset: 0.499 ms

Remote clock offset: 0.69 ms

# Below is generated by plot.py at 2018-01-25 12:00:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 3.501 ms

Loss rate: 0.02%

-- Flow 1:

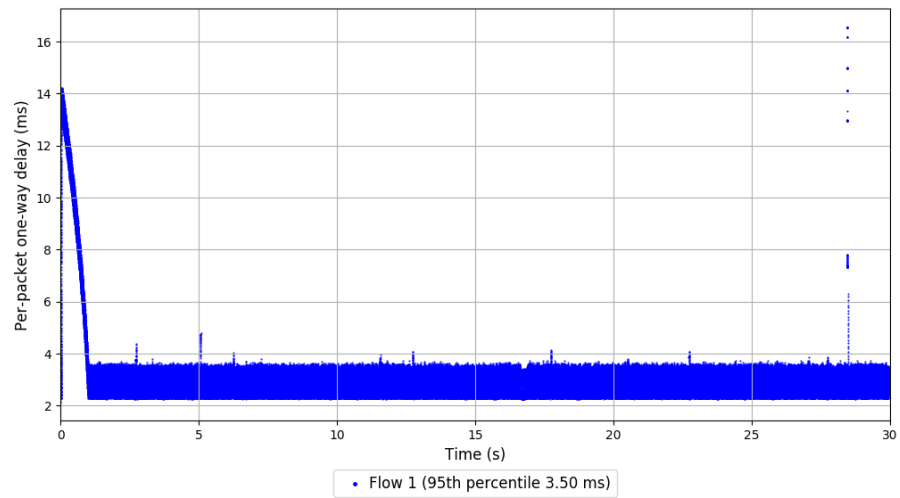
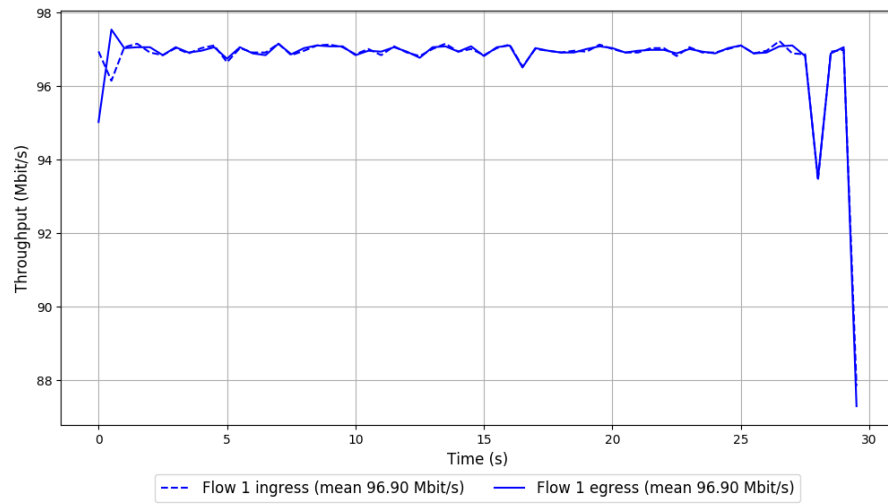
Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 3.501 ms

Loss rate: 0.02%



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

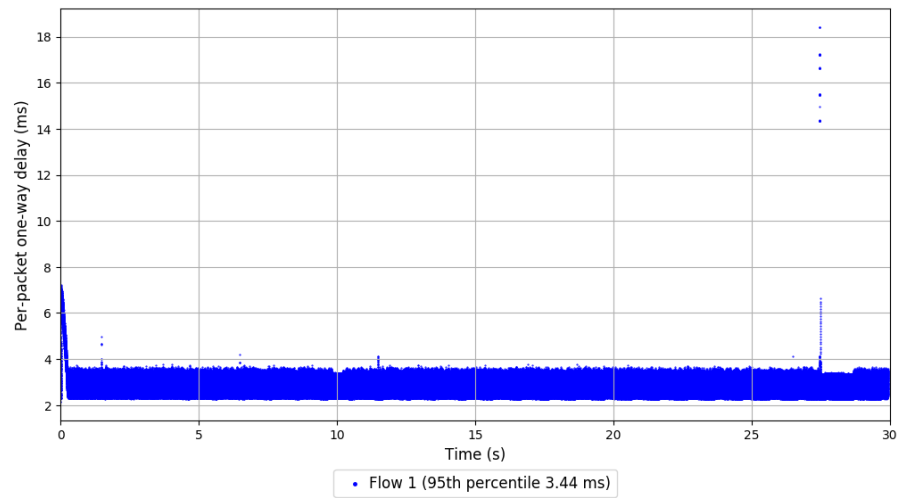
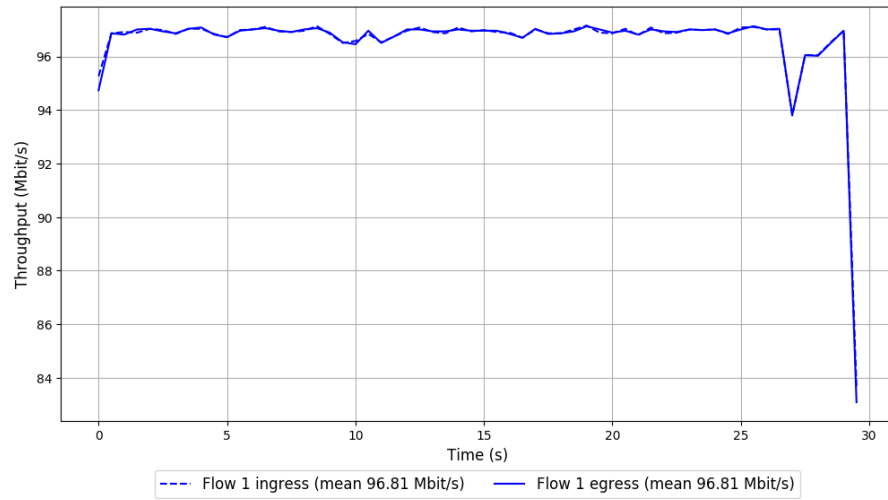


Run 4: Statistics of TCP Vegas

Start at: 2018-01-25 06:47:00  
End at: 2018-01-25 06:47:30  
Local clock offset: 0.562 ms  
Remote clock offset: -0.189 ms

# Below is generated by plot.py at 2018-01-25 12:00:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.81 Mbit/s  
95th percentile per-packet one-way delay: 3.440 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.81 Mbit/s  
95th percentile per-packet one-way delay: 3.440 ms  
Loss rate: 0.02%

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

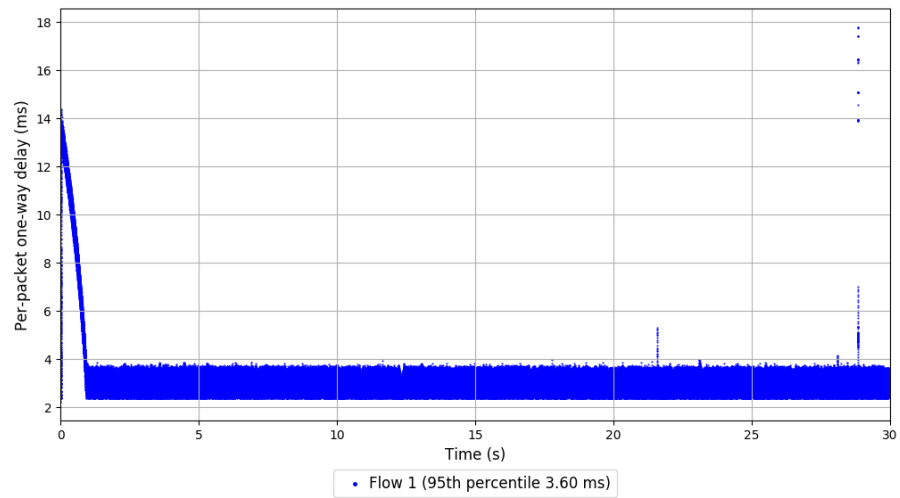
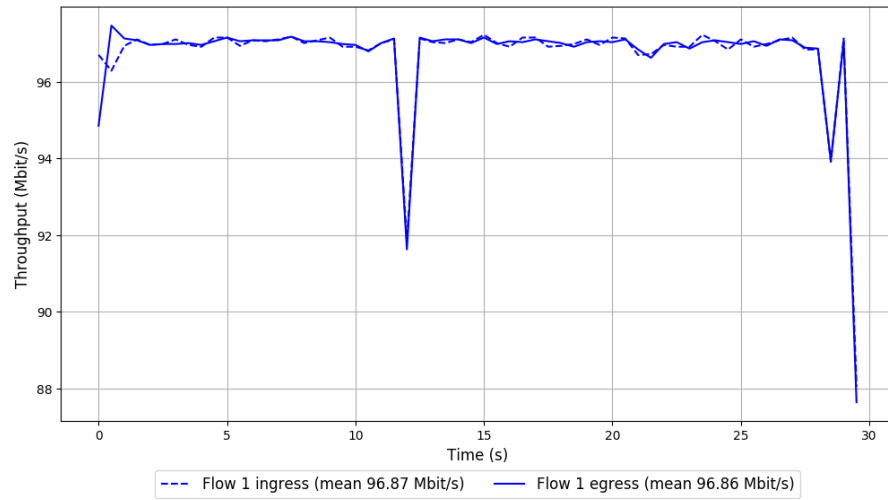


Run 5: Statistics of TCP Vegas

Start at: 2018-01-25 07:05:10  
End at: 2018-01-25 07:05:40  
Local clock offset: 0.606 ms  
Remote clock offset: -0.513 ms

# Below is generated by plot.py at 2018-01-25 12:00:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.86 Mbit/s  
95th percentile per-packet one-way delay: 3.599 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.86 Mbit/s  
95th percentile per-packet one-way delay: 3.599 ms  
Loss rate: 0.02%

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

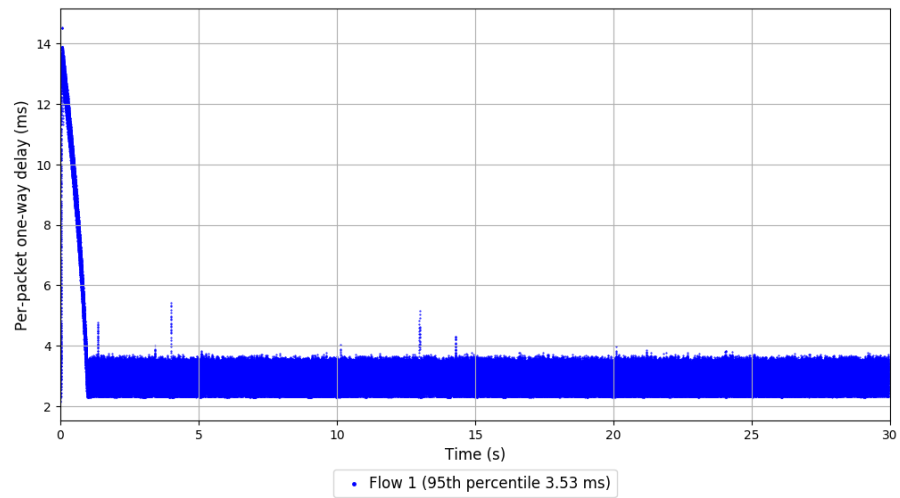
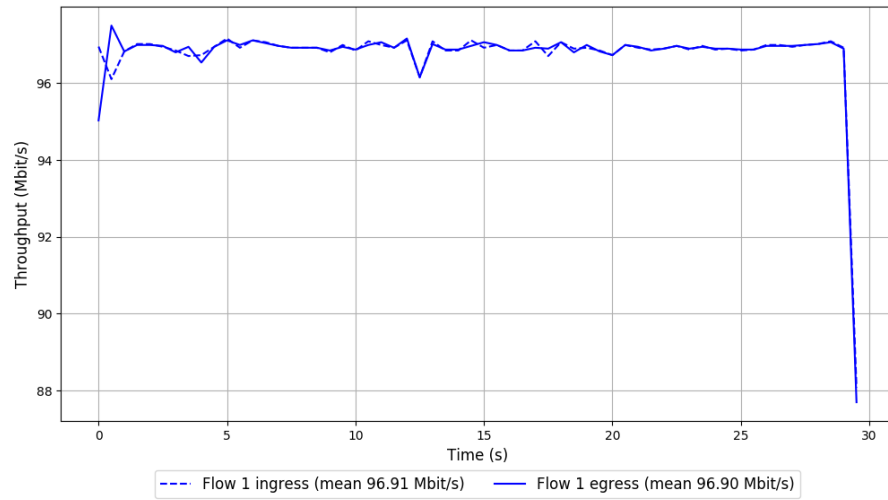


Run 6: Statistics of TCP Vegas

Start at: 2018-01-25 07:23:20  
End at: 2018-01-25 07:23:50  
Local clock offset: 0.614 ms  
Remote clock offset: -0.407 ms

# Below is generated by plot.py at 2018-01-25 12:00:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.90 Mbit/s  
95th percentile per-packet one-way delay: 3.528 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.90 Mbit/s  
95th percentile per-packet one-way delay: 3.528 ms  
Loss rate: 0.02%

# Run 6: Report of TCP Vegas — Data Link



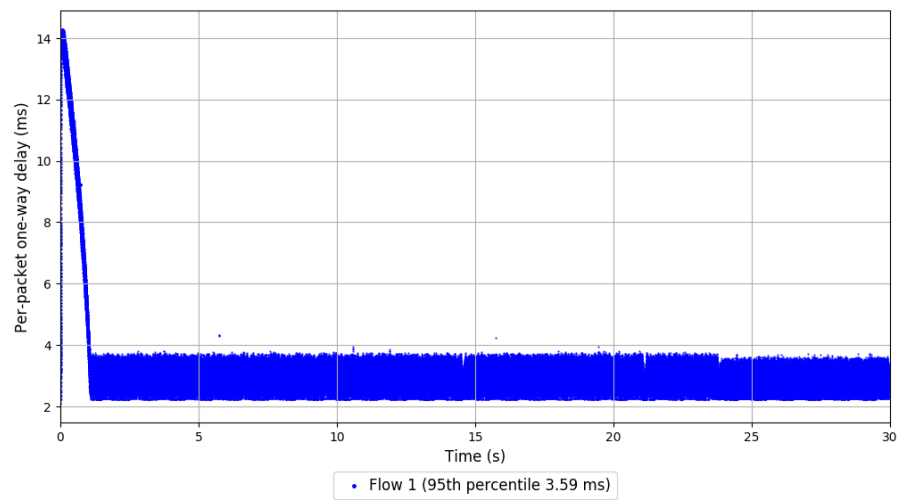
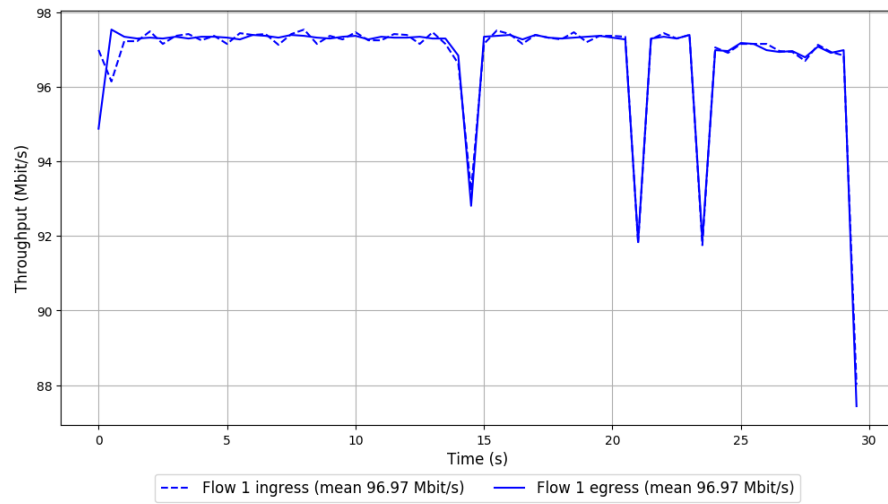
Run 7: Statistics of TCP Vegas

Start at: 2018-01-25 07:41:31  
End at: 2018-01-25 07:42:01  
Local clock offset: 0.522 ms  
Remote clock offset: -0.304 ms

# Below is generated by plot.py at 2018-01-25 12:01:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.97 Mbit/s  
95th percentile per-packet one-way delay: 3.586 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.97 Mbit/s  
95th percentile per-packet one-way delay: 3.586 ms  
Loss rate: 0.02%



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

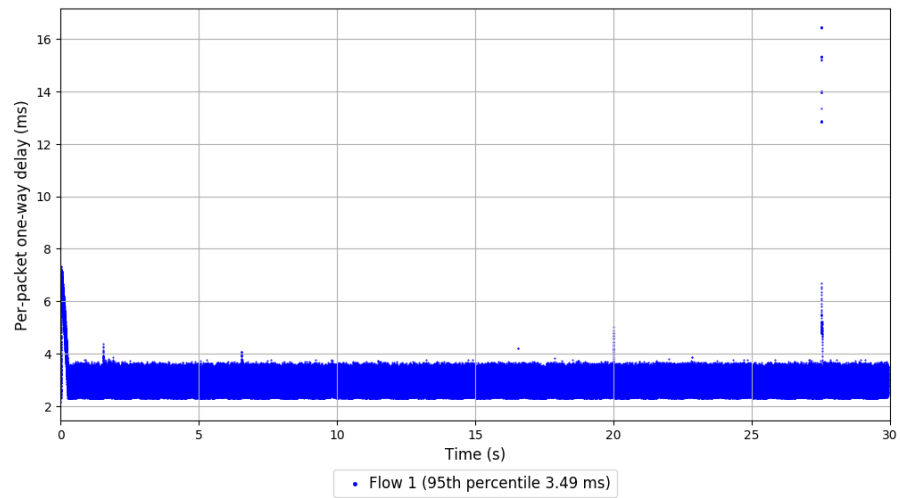
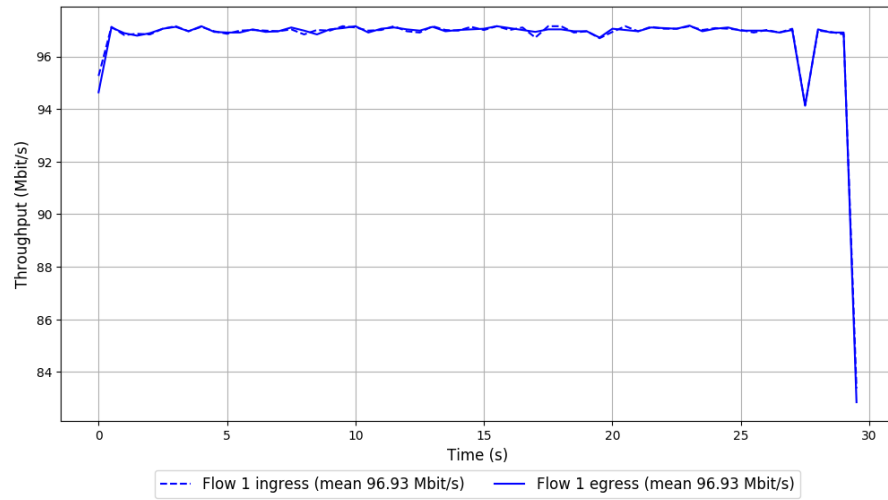


Run 8: Statistics of TCP Vegas

Start at: 2018-01-25 07:59:42  
End at: 2018-01-25 08:00:12  
Local clock offset: 0.485 ms  
Remote clock offset: -0.237 ms

# Below is generated by plot.py at 2018-01-25 12:01:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.93 Mbit/s  
95th percentile per-packet one-way delay: 3.489 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.93 Mbit/s  
95th percentile per-packet one-way delay: 3.489 ms  
Loss rate: 0.02%

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

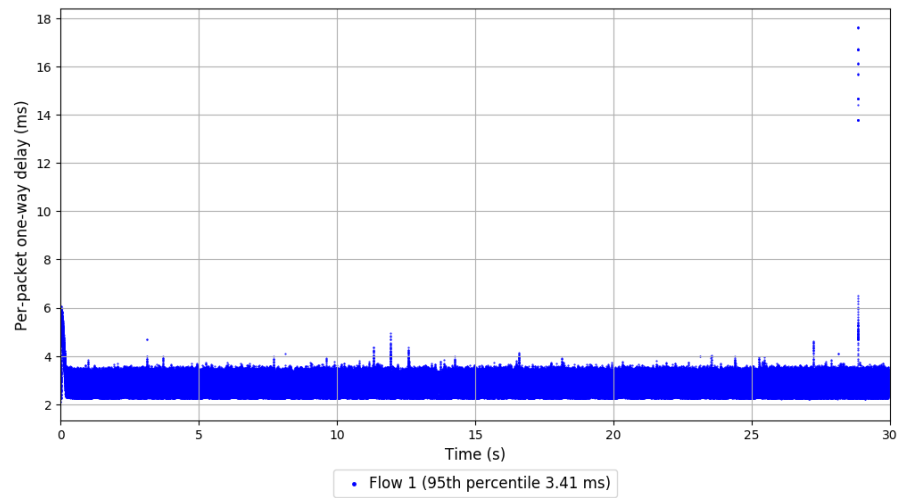
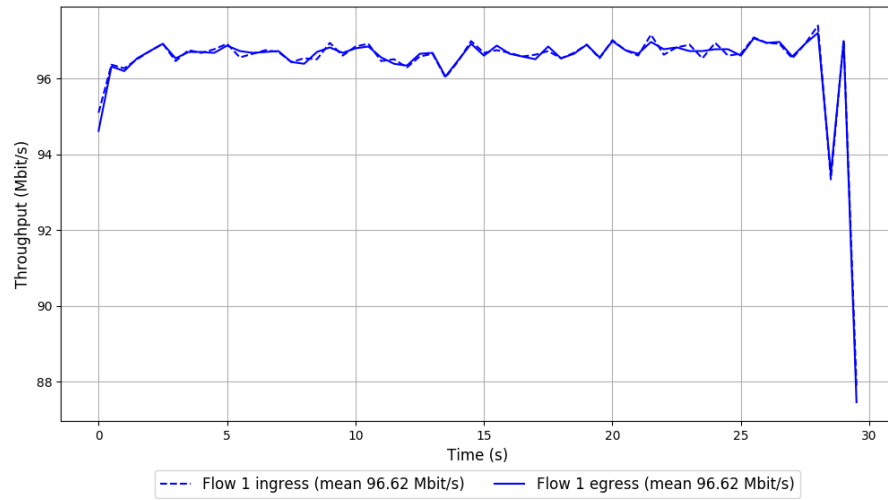


Run 9: Statistics of TCP Vegas

Start at: 2018-01-25 08:17:53  
End at: 2018-01-25 08:18:23  
Local clock offset: 0.347 ms  
Remote clock offset: -0.221 ms

# Below is generated by plot.py at 2018-01-25 12:02:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.62 Mbit/s  
95th percentile per-packet one-way delay: 3.409 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.62 Mbit/s  
95th percentile per-packet one-way delay: 3.409 ms  
Loss rate: 0.02%

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



Run 10: Statistics of TCP Vegas

Start at: 2018-01-25 08:35:59

End at: 2018-01-25 08:36:29

Local clock offset: 0.364 ms

Remote clock offset: -0.278 ms

# Below is generated by plot.py at 2018-01-25 12:02:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 3.587 ms

Loss rate: 0.02%

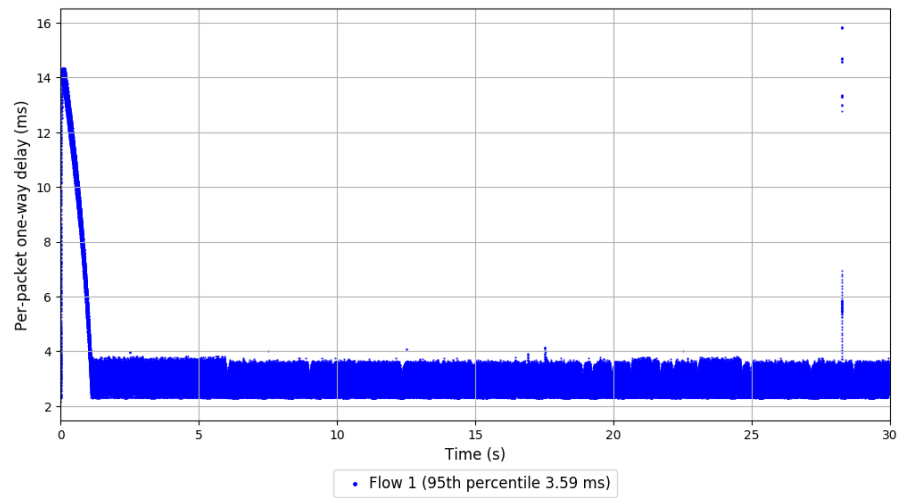
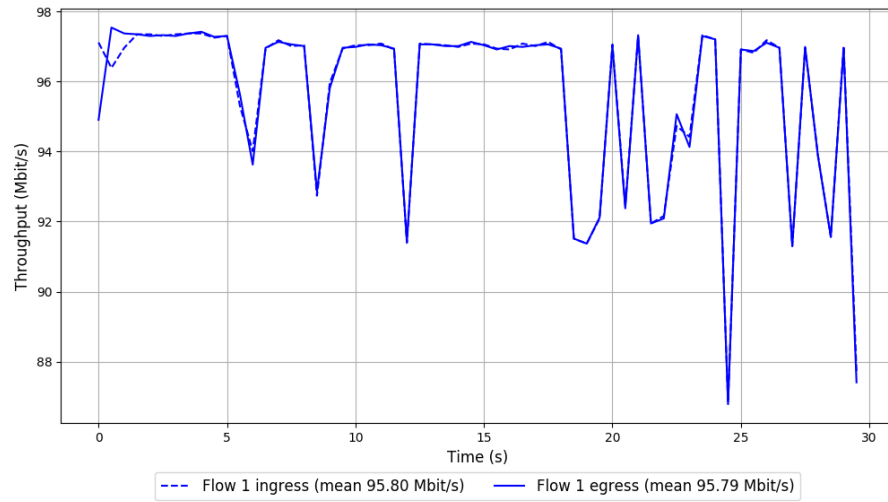
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 3.587 ms

Loss rate: 0.02%

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



Run 1: Statistics of Verus

Start at: 2018-01-25 05:46:51

End at: 2018-01-25 05:47:21

Local clock offset: 0.476 ms

Remote clock offset: 0.315 ms

# Below is generated by plot.py at 2018-01-25 12:02:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.25 Mbit/s

95th percentile per-packet one-way delay: 12.334 ms

Loss rate: 0.02%

-- Flow 1:

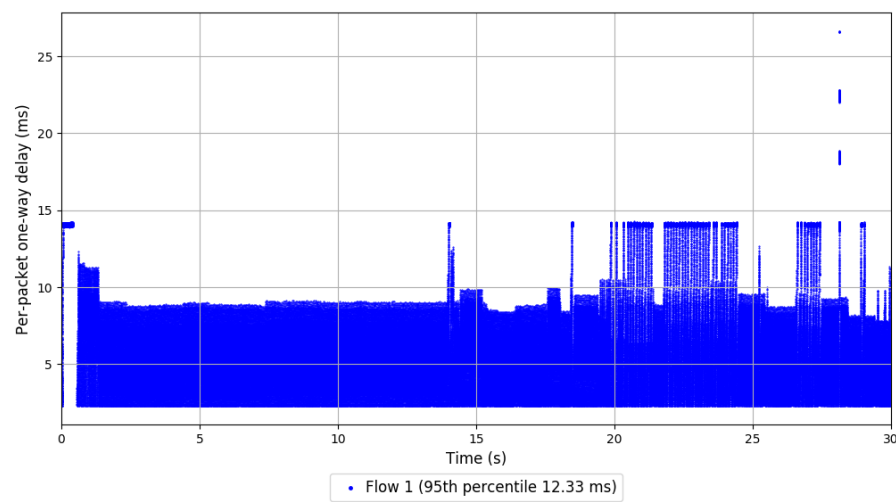
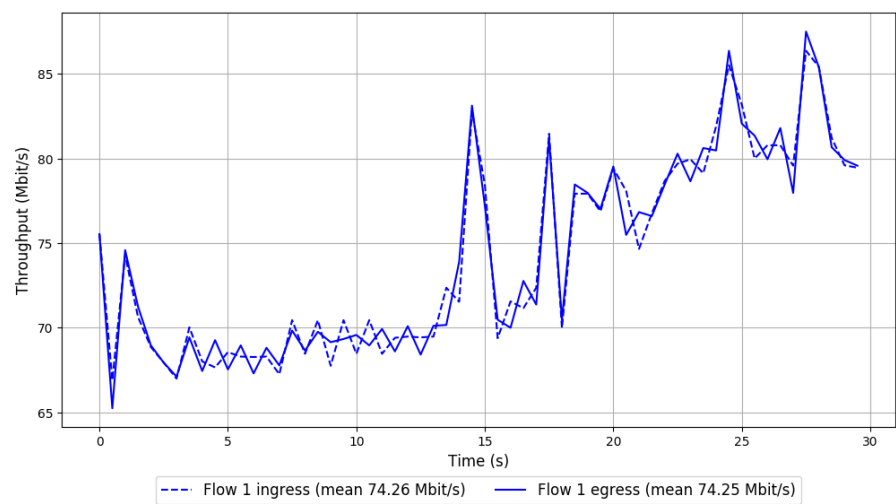
Average throughput: 74.25 Mbit/s

95th percentile per-packet one-way delay: 12.334 ms

Loss rate: 0.02%



Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-01-25 06:05:01

End at: 2018-01-25 06:05:31

Local clock offset: 0.44 ms

Remote clock offset: 0.497 ms

# Below is generated by plot.py at 2018-01-25 12:02:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.76 Mbit/s

95th percentile per-packet one-way delay: 8.767 ms

Loss rate: 0.02%

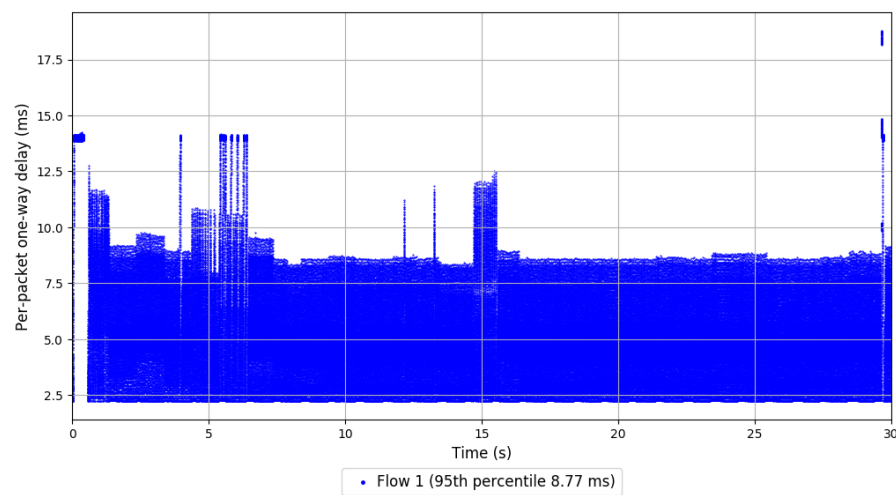
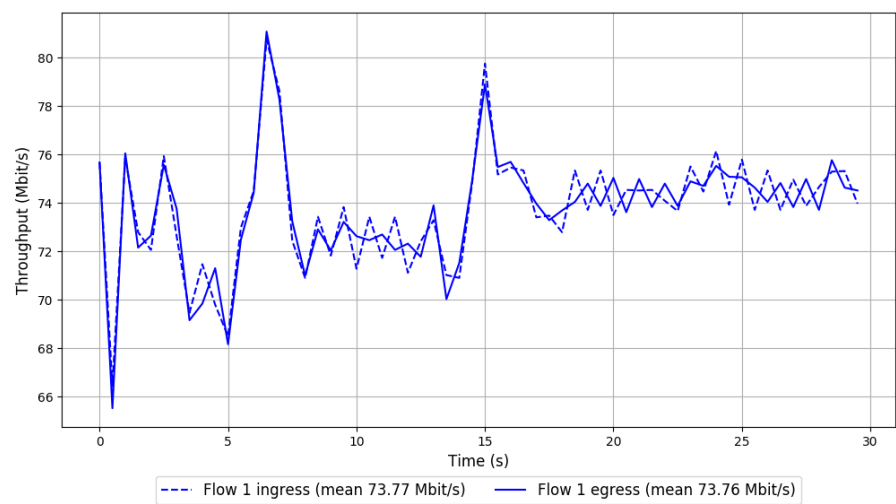
-- Flow 1:

Average throughput: 73.76 Mbit/s

95th percentile per-packet one-way delay: 8.767 ms

Loss rate: 0.02%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-01-25 06:23:12

End at: 2018-01-25 06:23:42

Local clock offset: 0.517 ms

Remote clock offset: 0.619 ms

# Below is generated by plot.py at 2018-01-25 12:02:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 9.342 ms

Loss rate: 0.02%

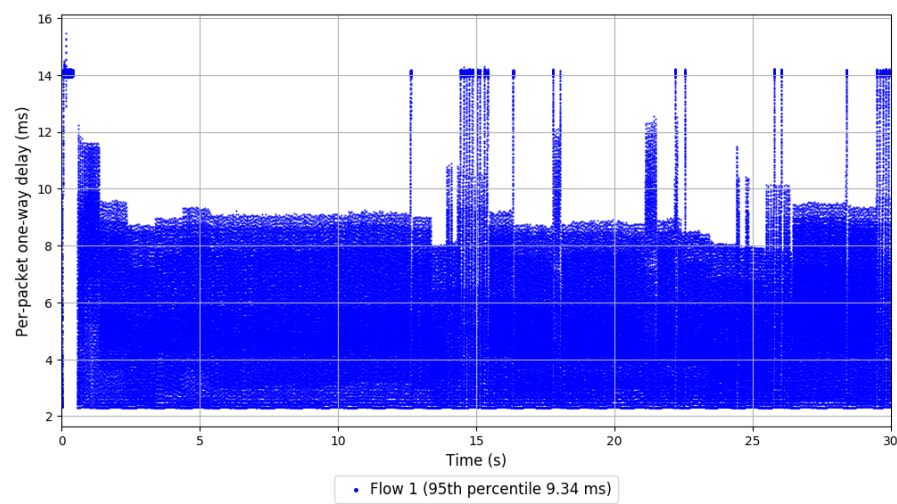
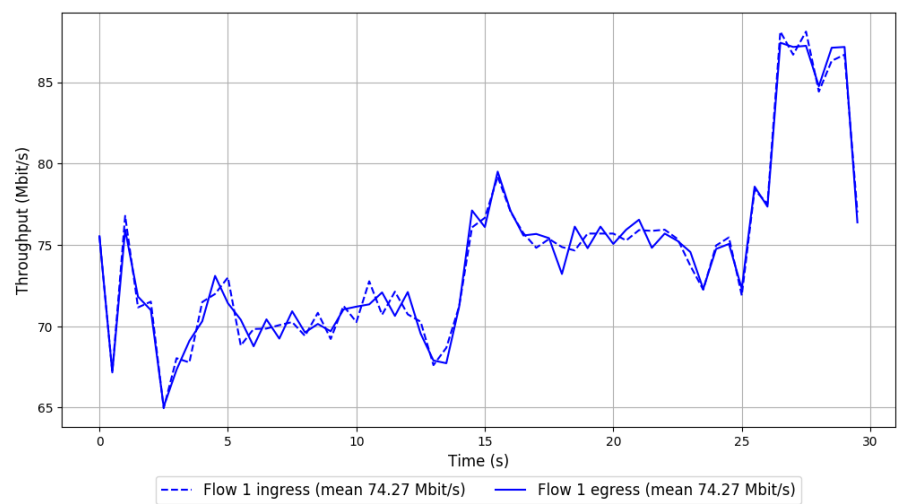
-- Flow 1:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 9.342 ms

Loss rate: 0.02%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-01-25 06:41:19

End at: 2018-01-25 06:41:49

Local clock offset: 0.566 ms

Remote clock offset: 0.055 ms

# Below is generated by plot.py at 2018-01-25 12:02:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.21 Mbit/s

95th percentile per-packet one-way delay: 8.605 ms

Loss rate: 0.02%

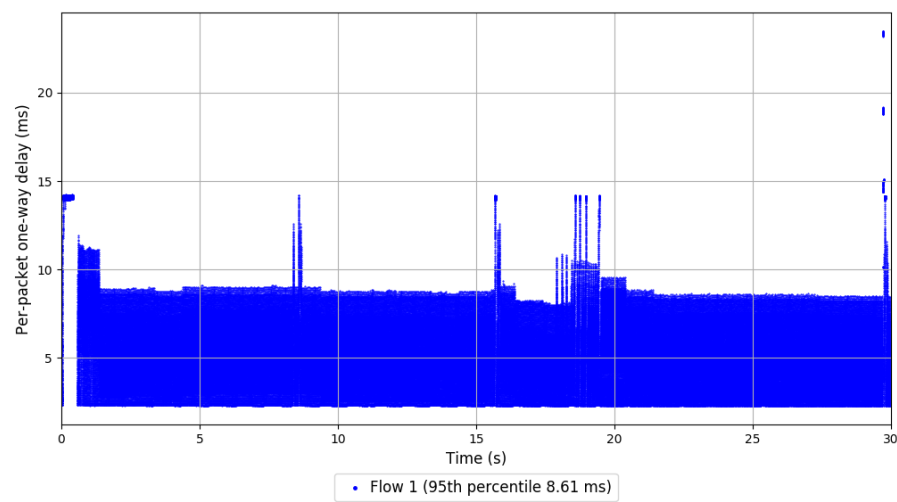
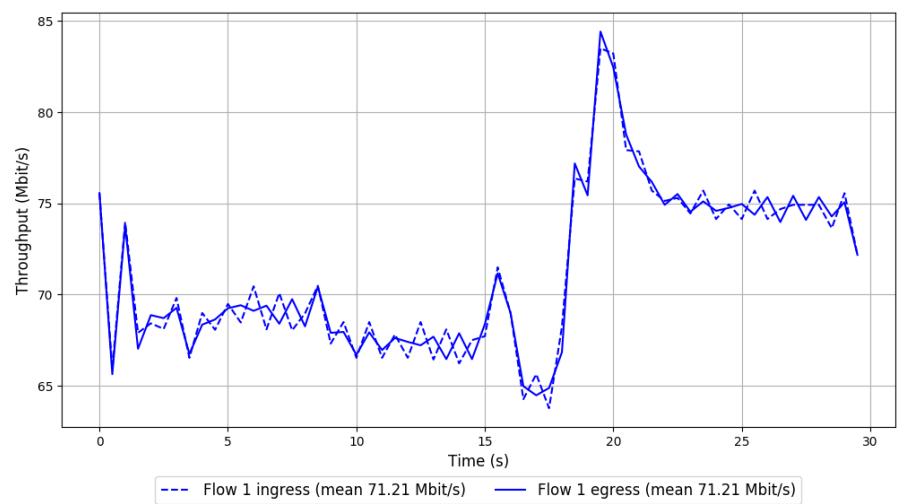
-- Flow 1:

Average throughput: 71.21 Mbit/s

95th percentile per-packet one-way delay: 8.605 ms

Loss rate: 0.02%

Run 4: Report of Verus — Data Link



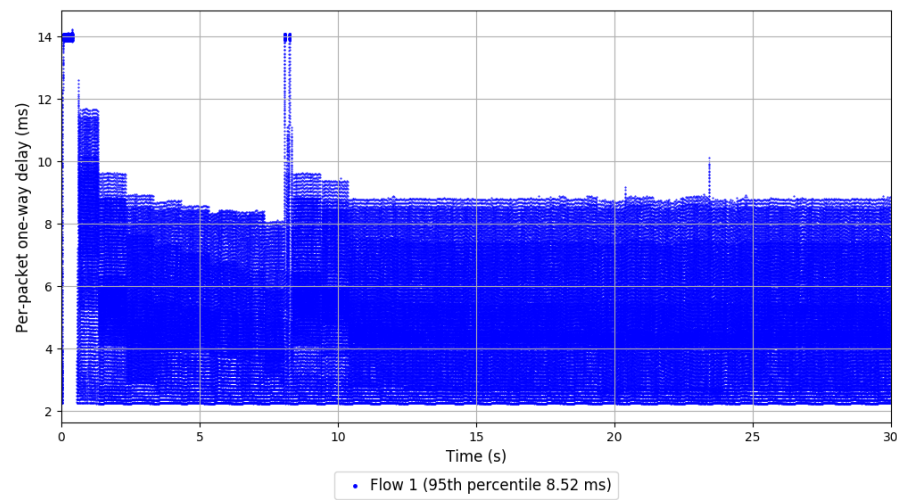
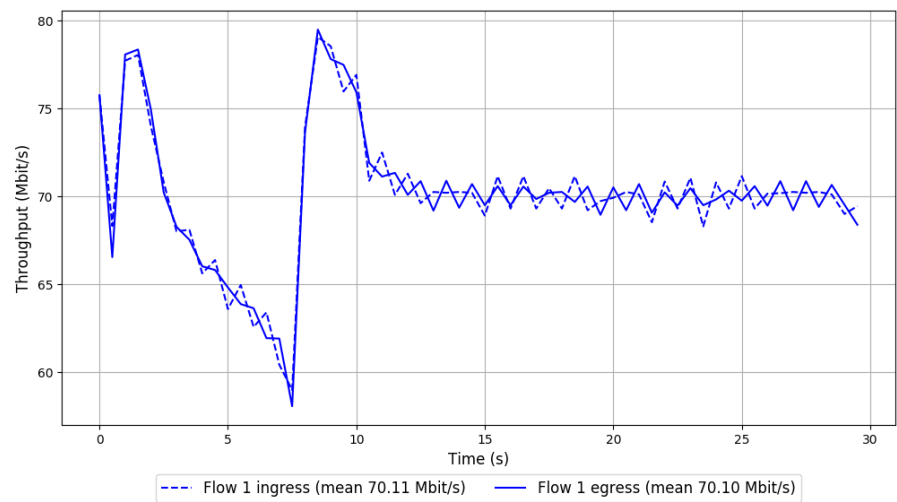
Run 5: Statistics of Verus

Start at: 2018-01-25 06:59:30  
End at: 2018-01-25 07:00:00  
Local clock offset: 0.524 ms  
Remote clock offset: -0.407 ms

# Below is generated by plot.py at 2018-01-25 12:02:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.10 Mbit/s  
95th percentile per-packet one-way delay: 8.517 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 70.10 Mbit/s  
95th percentile per-packet one-way delay: 8.517 ms  
Loss rate: 0.03%



Run 5: Report of Verus — Data Link

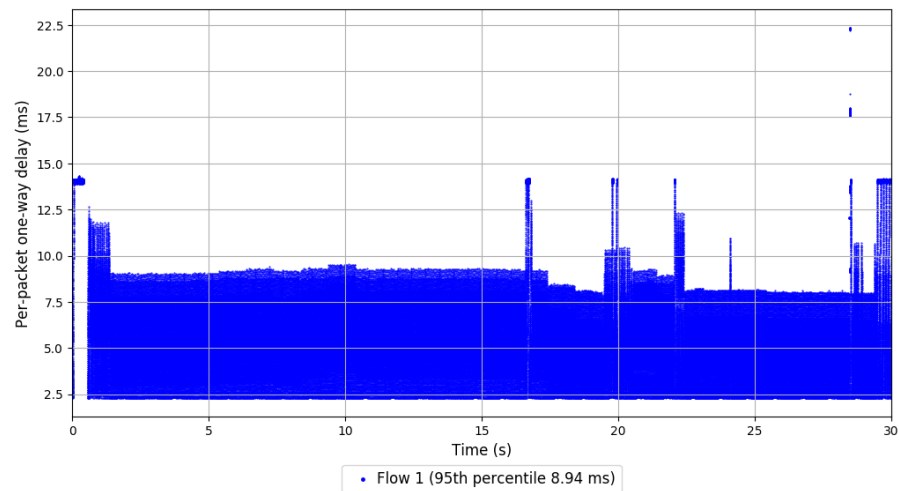
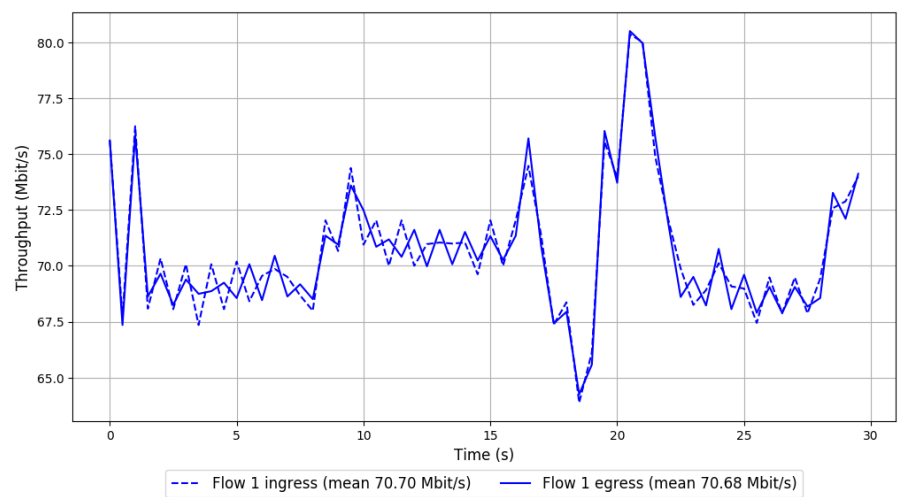


Run 6: Statistics of Verus

Start at: 2018-01-25 07:17:40  
End at: 2018-01-25 07:18:10  
Local clock offset: 0.607 ms  
Remote clock offset: -0.443 ms

# Below is generated by plot.py at 2018-01-25 12:02:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 70.68 Mbit/s  
95th percentile per-packet one-way delay: 8.943 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 70.68 Mbit/s  
95th percentile per-packet one-way delay: 8.943 ms  
Loss rate: 0.04%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-01-25 07:35:50

End at: 2018-01-25 07:36:20

Local clock offset: 0.597 ms

Remote clock offset: -0.34 ms

# Below is generated by plot.py at 2018-01-25 12:02:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 76.41 Mbit/s

95th percentile per-packet one-way delay: 10.052 ms

Loss rate: 0.03%

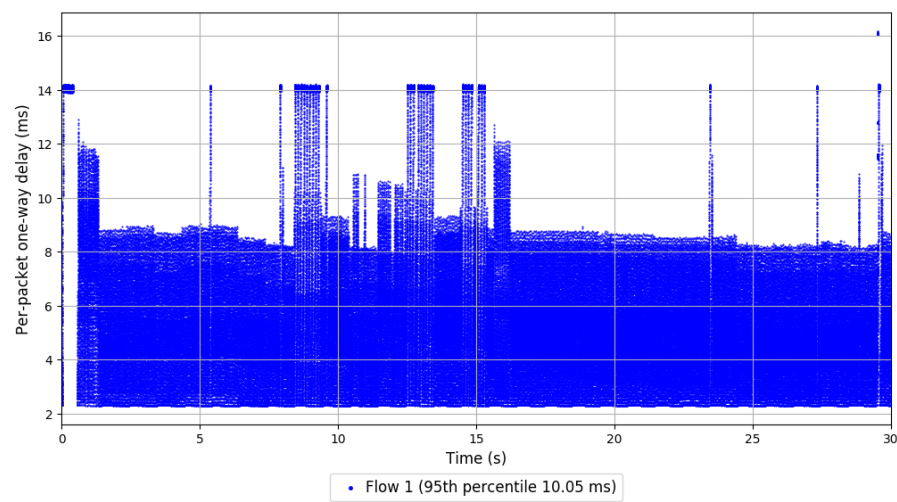
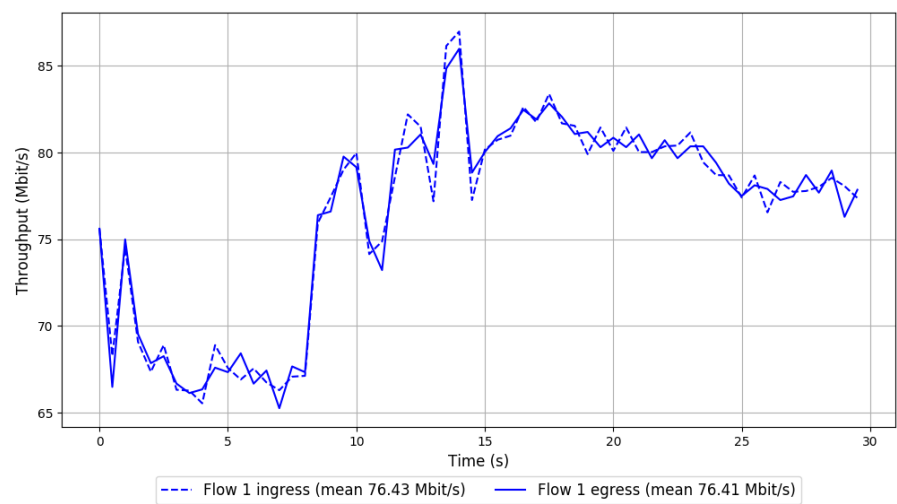
-- Flow 1:

Average throughput: 76.41 Mbit/s

95th percentile per-packet one-way delay: 10.052 ms

Loss rate: 0.03%

Run 7: Report of Verus — Data Link

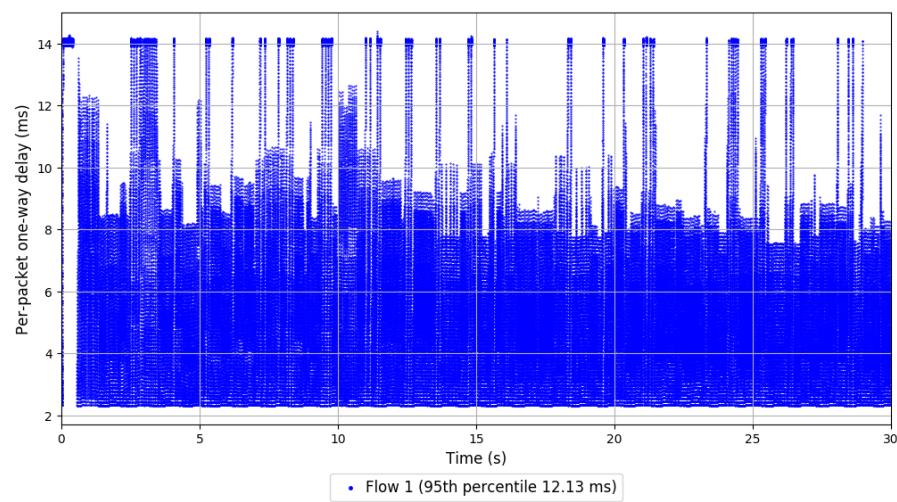
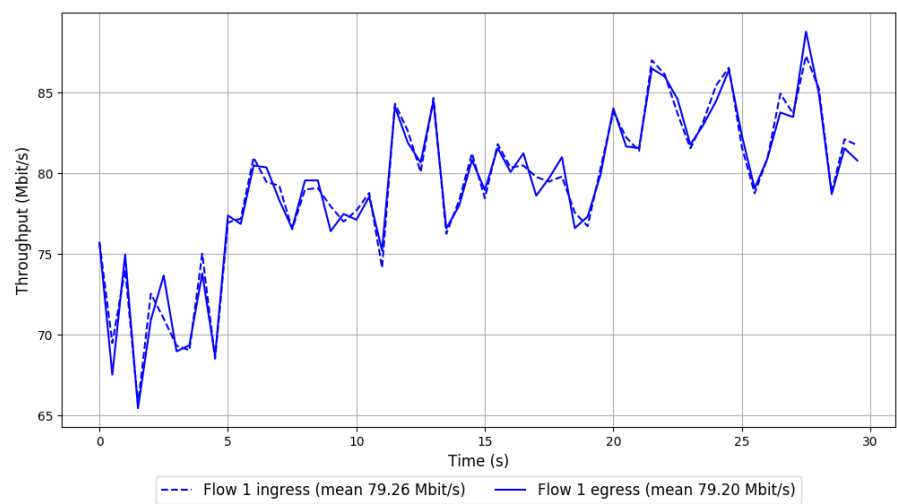


Run 8: Statistics of Verus

Start at: 2018-01-25 07:54:01  
End at: 2018-01-25 07:54:31  
Local clock offset: 0.536 ms  
Remote clock offset: -0.239 ms

# Below is generated by plot.py at 2018-01-25 12:02:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.20 Mbit/s  
95th percentile per-packet one-way delay: 12.130 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 79.20 Mbit/s  
95th percentile per-packet one-way delay: 12.130 ms  
Loss rate: 0.08%

Run 8: Report of Verus — Data Link



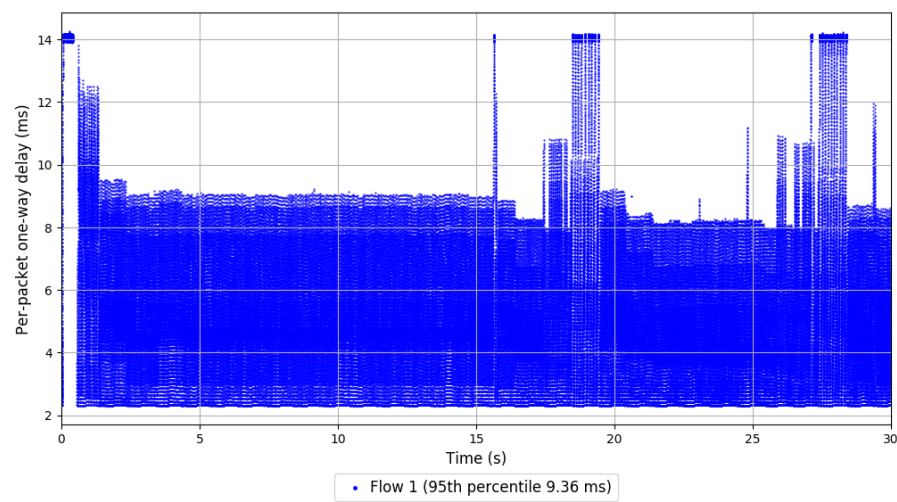
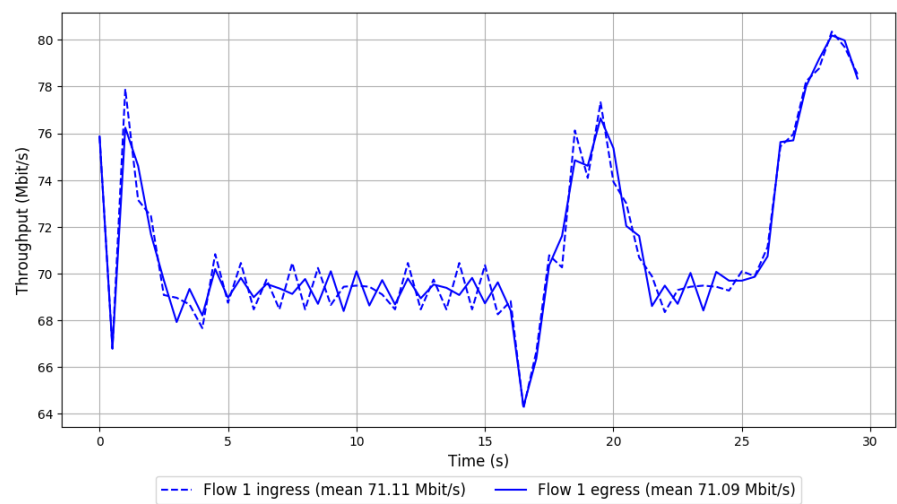
Run 9: Statistics of Verus

Start at: 2018-01-25 08:12:12  
End at: 2018-01-25 08:12:42  
Local clock offset: 0.458 ms  
Remote clock offset: -0.202 ms

# Below is generated by plot.py at 2018-01-25 12:02:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.09 Mbit/s  
95th percentile per-packet one-way delay: 9.359 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 71.09 Mbit/s  
95th percentile per-packet one-way delay: 9.359 ms  
Loss rate: 0.02%



Run 9: Report of Verus — Data Link

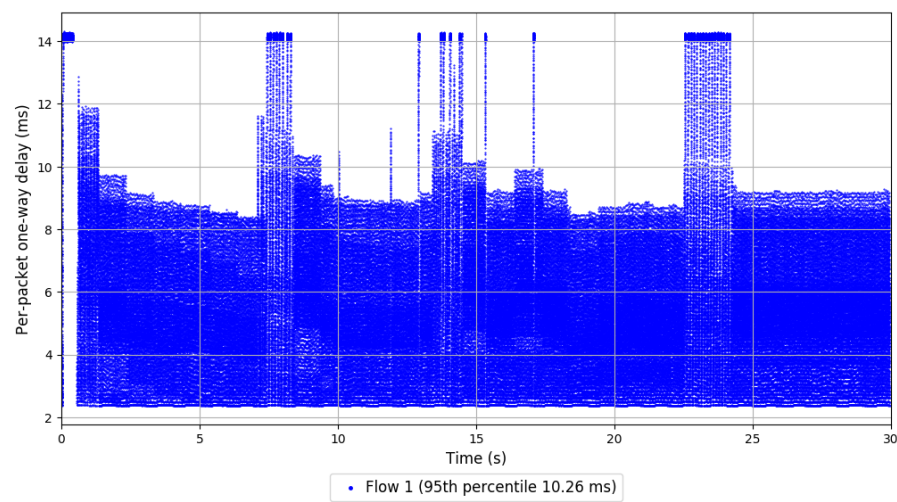
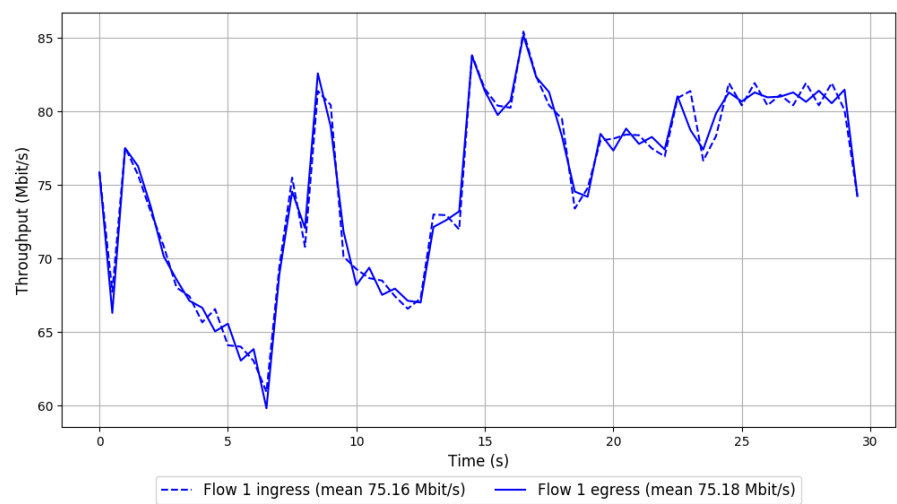


Run 10: Statistics of Verus

Start at: 2018-01-25 08:30:18  
End at: 2018-01-25 08:30:48  
Local clock offset: 0.429 ms  
Remote clock offset: -0.278 ms

# Below is generated by plot.py at 2018-01-25 12:03:02  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.18 Mbit/s  
95th percentile per-packet one-way delay: 10.262 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 75.18 Mbit/s  
95th percentile per-packet one-way delay: 10.262 ms  
Loss rate: 0.01%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-01-25 05:45:40

End at: 2018-01-25 05:46:10

Local clock offset: 0.5 ms

Remote clock offset: 0.299 ms

# Below is generated by plot.py at 2018-01-25 12:04:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.63 Mbit/s

95th percentile per-packet one-way delay: 3.578 ms

Loss rate: 0.02%

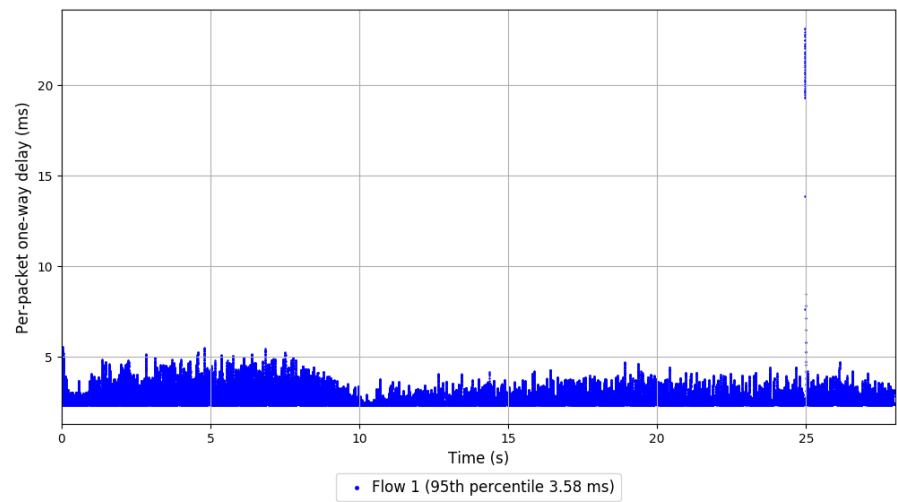
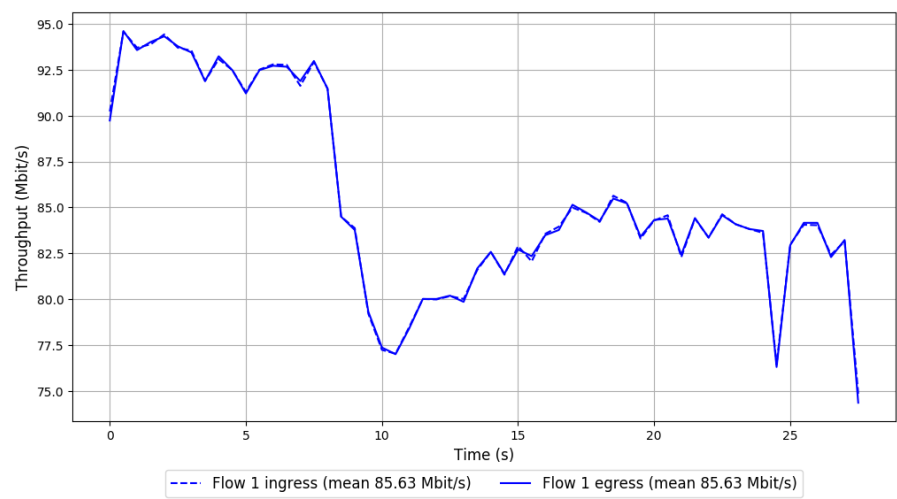
-- Flow 1:

Average throughput: 85.63 Mbit/s

95th percentile per-packet one-way delay: 3.578 ms

Loss rate: 0.02%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-01-25 06:03:50

End at: 2018-01-25 06:04:20

Local clock offset: 0.521 ms

Remote clock offset: 0.474 ms

# Below is generated by plot.py at 2018-01-25 12:04:05

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.64 Mbit/s

95th percentile per-packet one-way delay: 3.551 ms

Loss rate: 0.02%

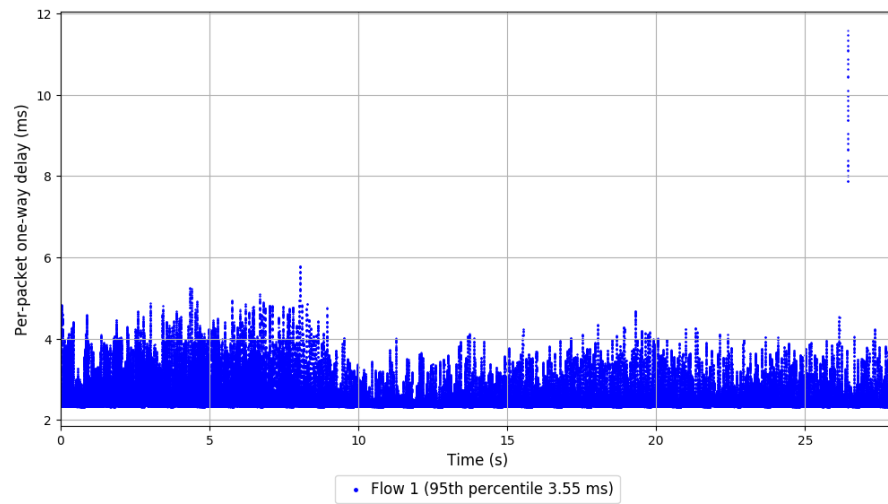
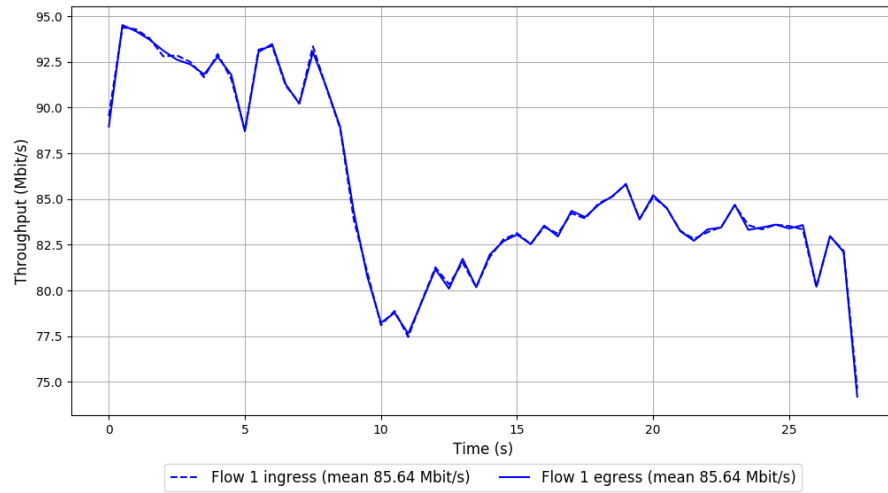
-- Flow 1:

Average throughput: 85.64 Mbit/s

95th percentile per-packet one-way delay: 3.551 ms

Loss rate: 0.02%

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-01-25 06:22:01

End at: 2018-01-25 06:22:31

Local clock offset: 0.529 ms

Remote clock offset: 0.546 ms

# Below is generated by plot.py at 2018-01-25 12:04:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.58 Mbit/s

95th percentile per-packet one-way delay: 3.689 ms

Loss rate: 0.02%

-- Flow 1:

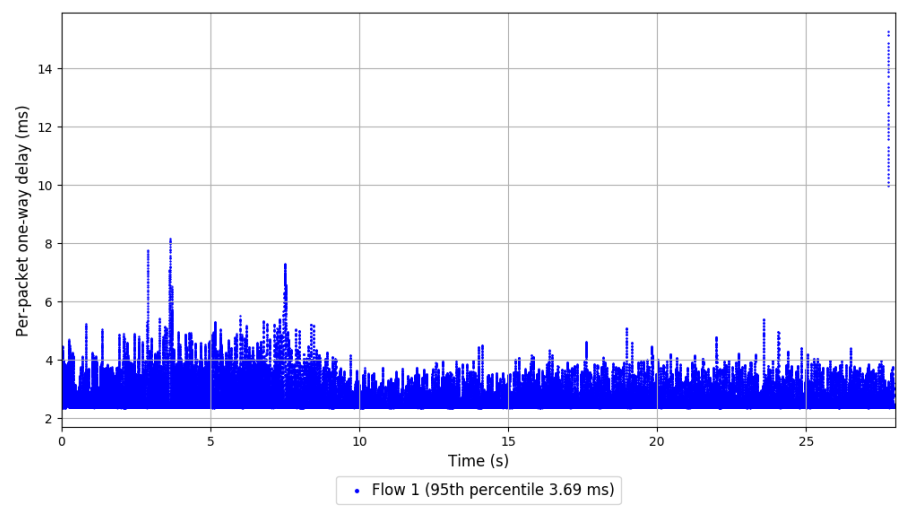
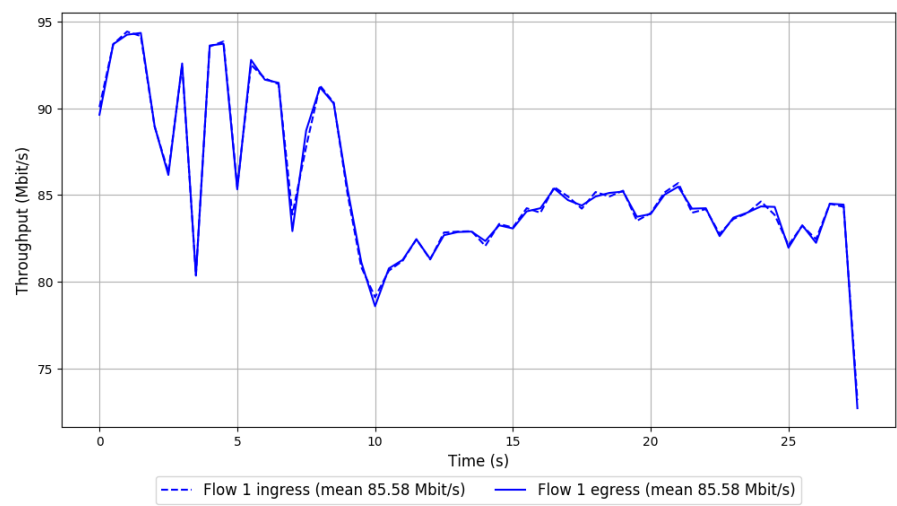
Average throughput: 85.58 Mbit/s

95th percentile per-packet one-way delay: 3.689 ms

Loss rate: 0.02%



Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-01-25 06:40:09

End at: 2018-01-25 06:40:39

Local clock offset: 0.58 ms

Remote clock offset: 0.16 ms

# Below is generated by plot.py at 2018-01-25 12:04:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 3.519 ms

Loss rate: 0.01%

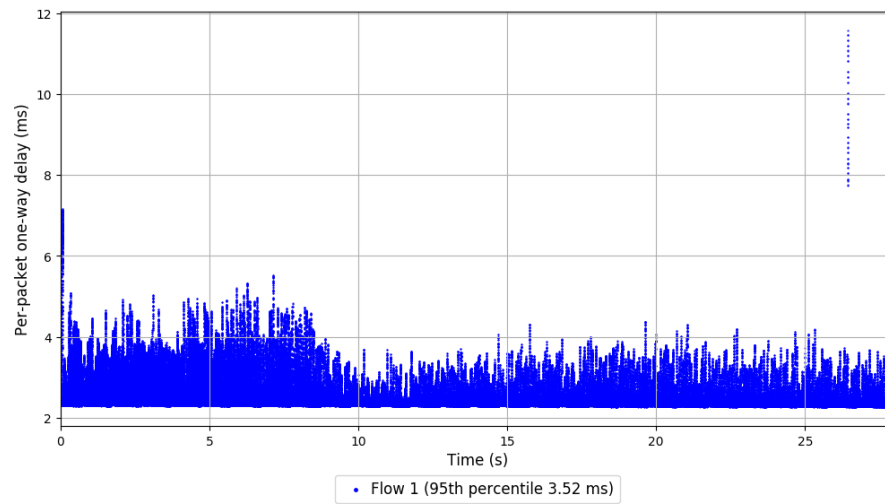
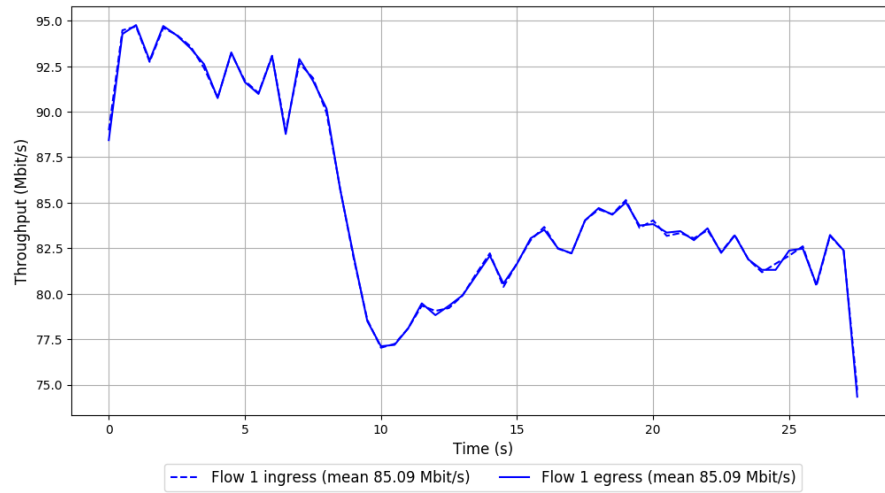
-- Flow 1:

Average throughput: 85.09 Mbit/s

95th percentile per-packet one-way delay: 3.519 ms

Loss rate: 0.01%

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

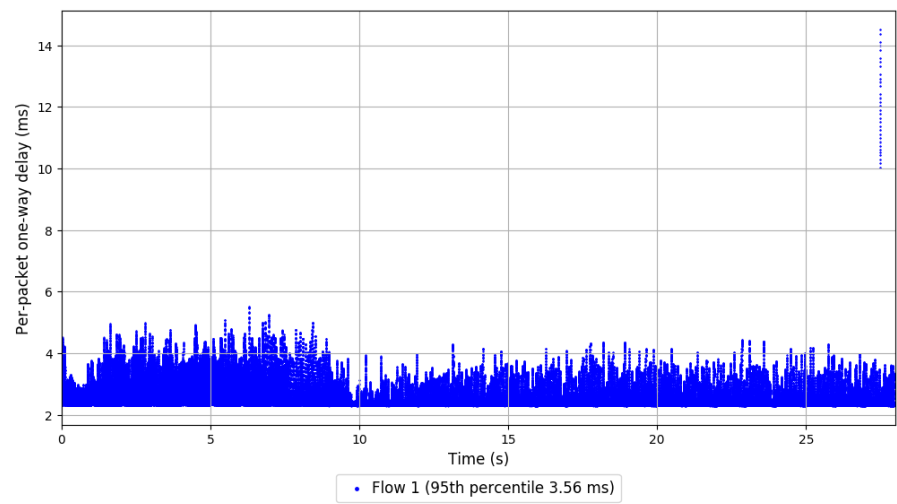
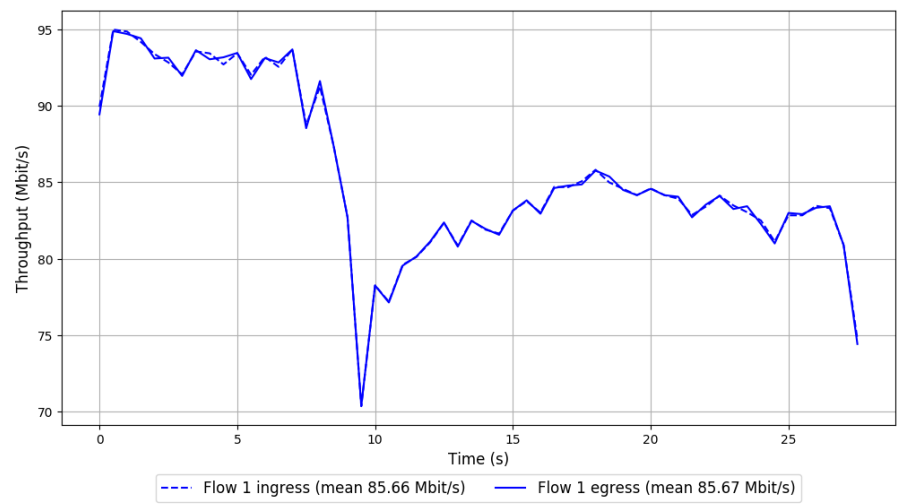


Run 5: Statistics of Copa

Start at: 2018-01-25 06:58:19  
End at: 2018-01-25 06:58:49  
Local clock offset: 0.61 ms  
Remote clock offset: -0.382 ms

# Below is generated by plot.py at 2018-01-25 12:05:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.67 Mbit/s  
95th percentile per-packet one-way delay: 3.555 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 85.67 Mbit/s  
95th percentile per-packet one-way delay: 3.555 ms  
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

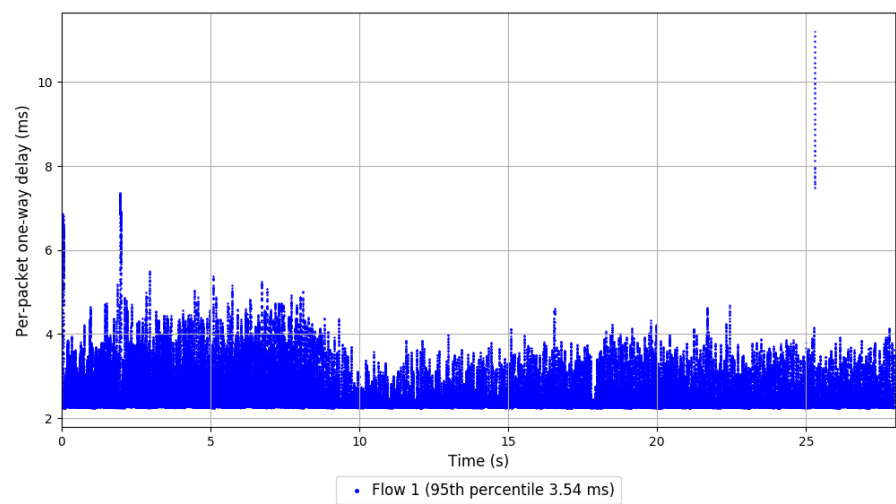
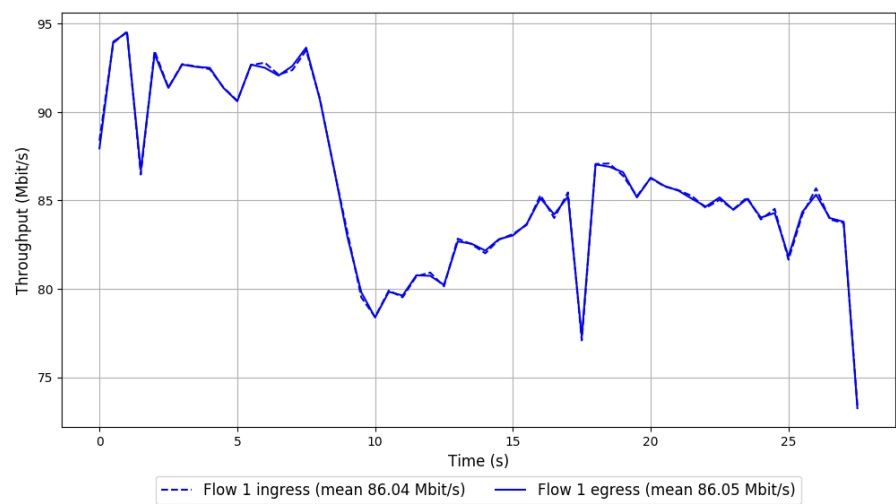


Run 6: Statistics of Copa

Start at: 2018-01-25 07:16:29  
End at: 2018-01-25 07:16:59  
Local clock offset: 0.559 ms  
Remote clock offset: -0.449 ms

# Below is generated by plot.py at 2018-01-25 12:05:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.05 Mbit/s  
95th percentile per-packet one-way delay: 3.545 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 86.05 Mbit/s  
95th percentile per-packet one-way delay: 3.545 ms  
Loss rate: 0.01%

Run 6: Report of Copa — Data Link



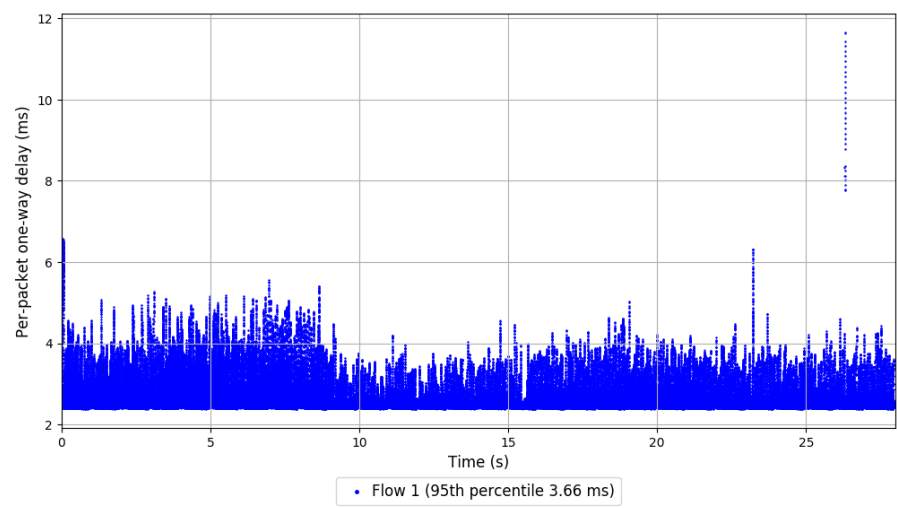
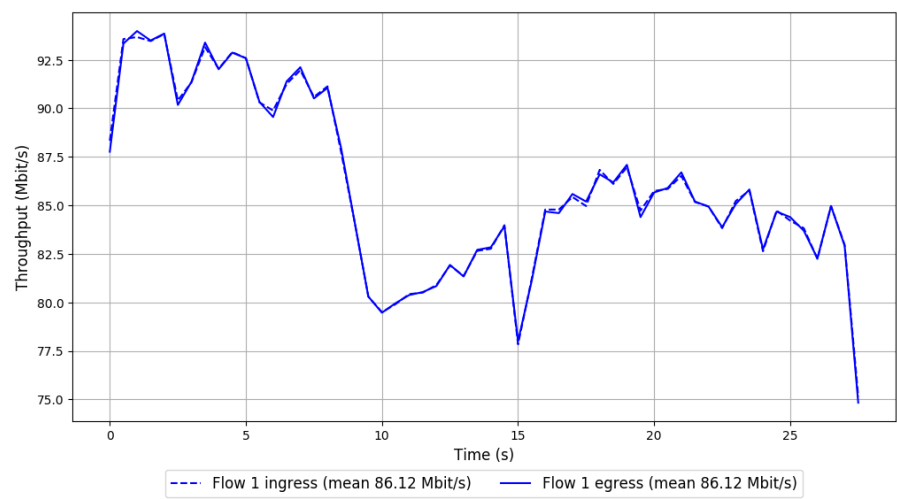
Run 7: Statistics of Copa

Start at: 2018-01-25 07:34:40  
End at: 2018-01-25 07:35:10  
Local clock offset: 0.62 ms  
Remote clock offset: -0.419 ms

# Below is generated by plot.py at 2018-01-25 12:05:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.12 Mbit/s  
95th percentile per-packet one-way delay: 3.659 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 86.12 Mbit/s  
95th percentile per-packet one-way delay: 3.659 ms  
Loss rate: 0.02%



Run 7: Report of Copa — Data Link

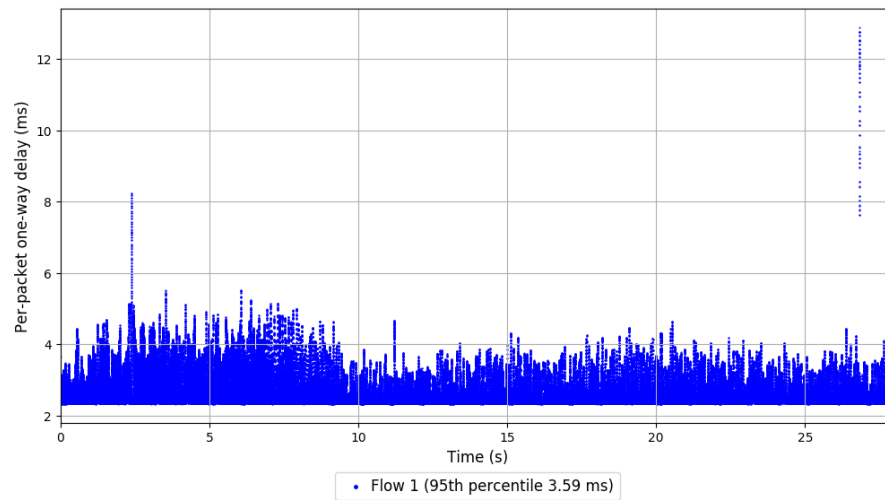
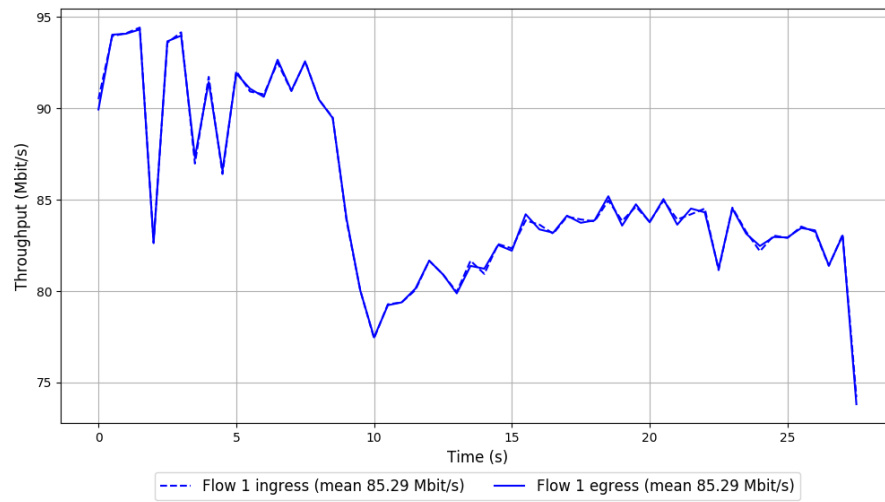


Run 8: Statistics of Copa

Start at: 2018-01-25 07:52:50  
End at: 2018-01-25 07:53:21  
Local clock offset: 0.525 ms  
Remote clock offset: -0.297 ms

# Below is generated by plot.py at 2018-01-25 12:05:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.29 Mbit/s  
95th percentile per-packet one-way delay: 3.586 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 85.29 Mbit/s  
95th percentile per-packet one-way delay: 3.586 ms  
Loss rate: 0.02%

## Run 8: Report of Copa — Data Link

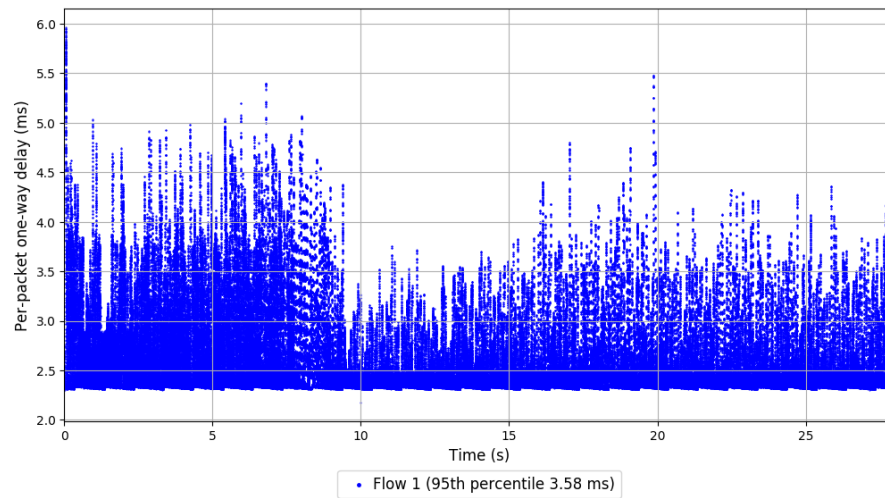
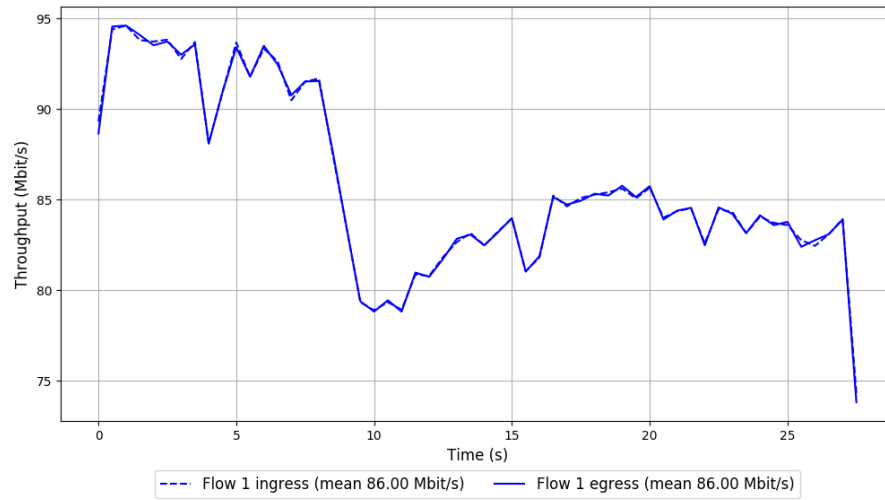


Run 9: Statistics of Copa

Start at: 2018-01-25 08:11:01  
End at: 2018-01-25 08:11:31  
Local clock offset: 0.452 ms  
Remote clock offset: -0.228 ms

# Below is generated by plot.py at 2018-01-25 12:06:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 86.00 Mbit/s  
95th percentile per-packet one-way delay: 3.578 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 86.00 Mbit/s  
95th percentile per-packet one-way delay: 3.578 ms  
Loss rate: 0.02%

### Run 9: Report of Copa — Data Link

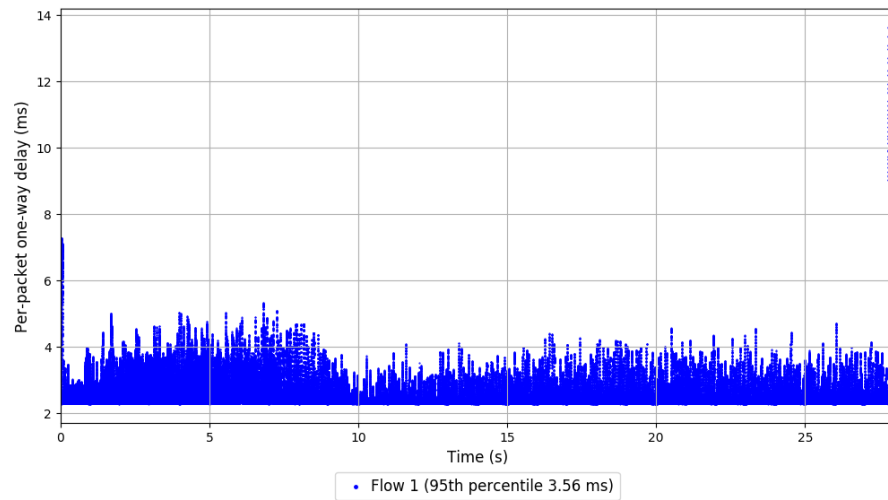
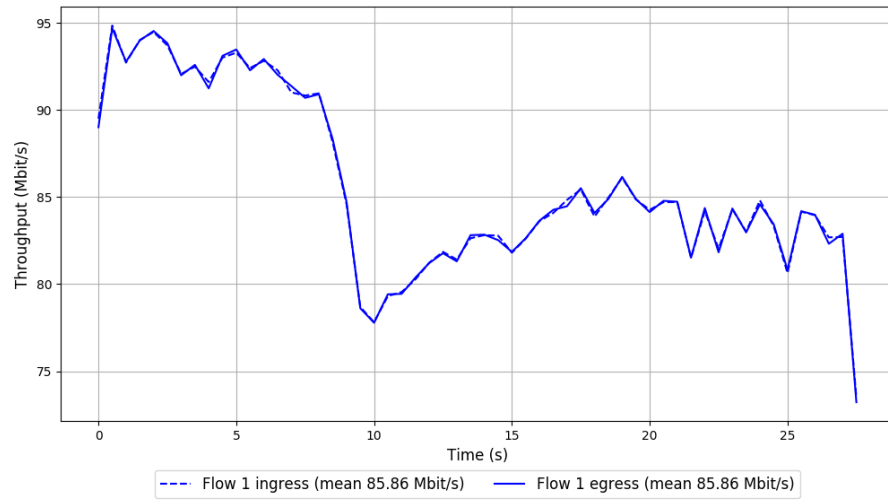


Run 10: Statistics of Copa

Start at: 2018-01-25 08:29:08  
End at: 2018-01-25 08:29:38  
Local clock offset: 0.428 ms  
Remote clock offset: -0.202 ms

# Below is generated by plot.py at 2018-01-25 12:06:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 85.86 Mbit/s  
95th percentile per-packet one-way delay: 3.558 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 85.86 Mbit/s  
95th percentile per-packet one-way delay: 3.558 ms  
Loss rate: 0.02%

# Run 10: Report of Copa — Data Link



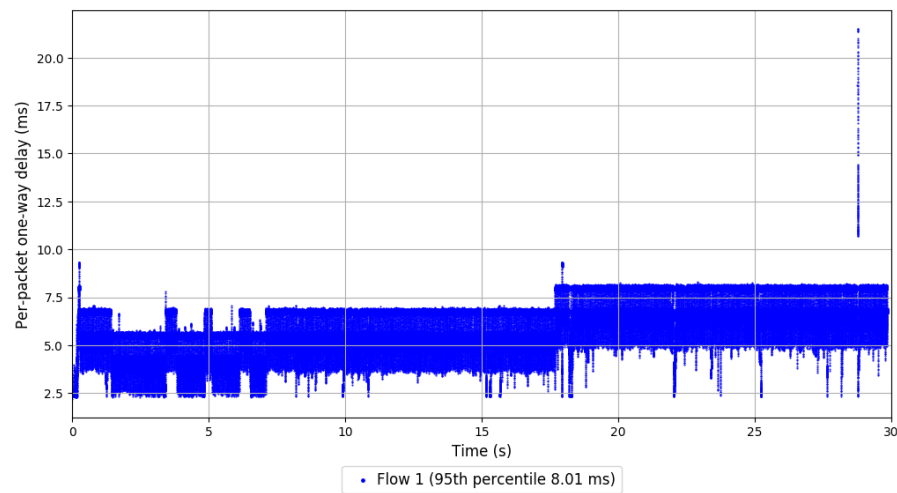
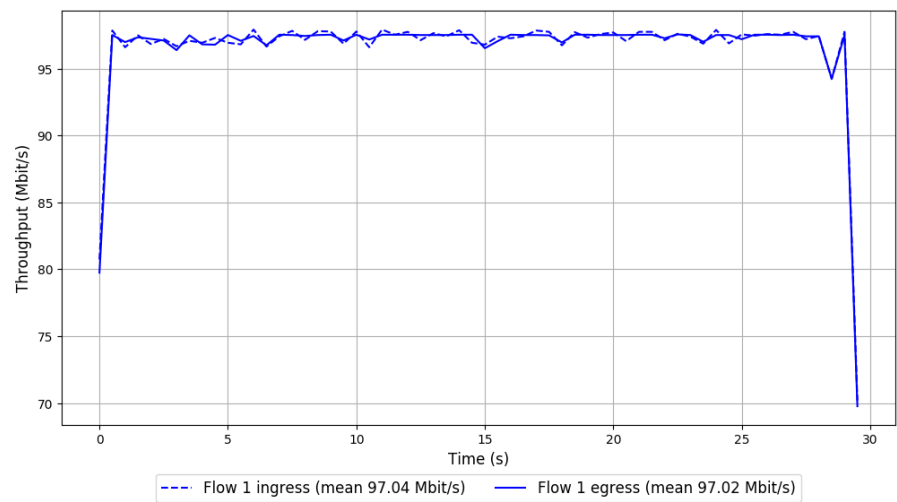
```
Run 1: Statistics of Indigo-2-256

Start at: 2018-01-25 05:42:18
End at: 2018-01-25 05:42:48
Local clock offset: 0.471 ms
Remote clock offset: 0.269 ms

# Below is generated by plot.py at 2018-01-25 12:06:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 8.012 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 8.012 ms
Loss rate: 0.03%
```



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



Run 2: Statistics of Indigo-2-256

Start at: 2018-01-25 06:00:30

End at: 2018-01-25 06:01:00

Local clock offset: 0.496 ms

Remote clock offset: 0.469 ms

# Below is generated by plot.py at 2018-01-25 12:06:26

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 8.003 ms

Loss rate: 0.03%

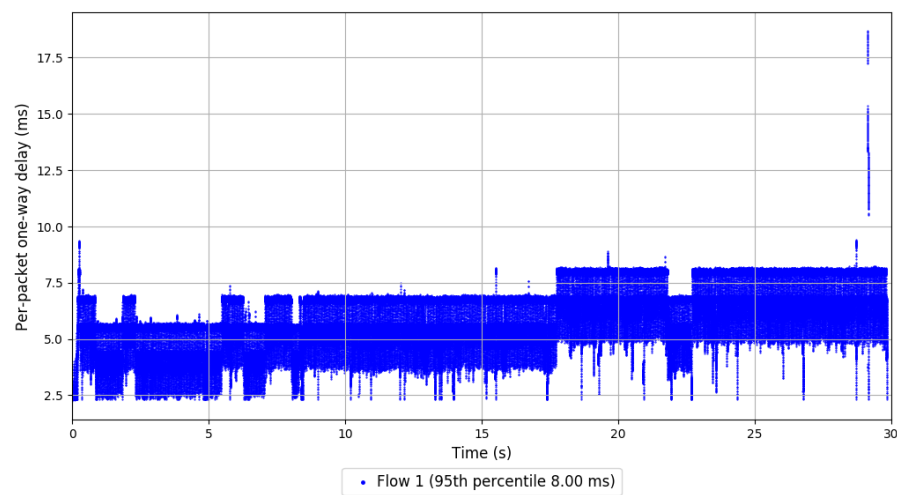
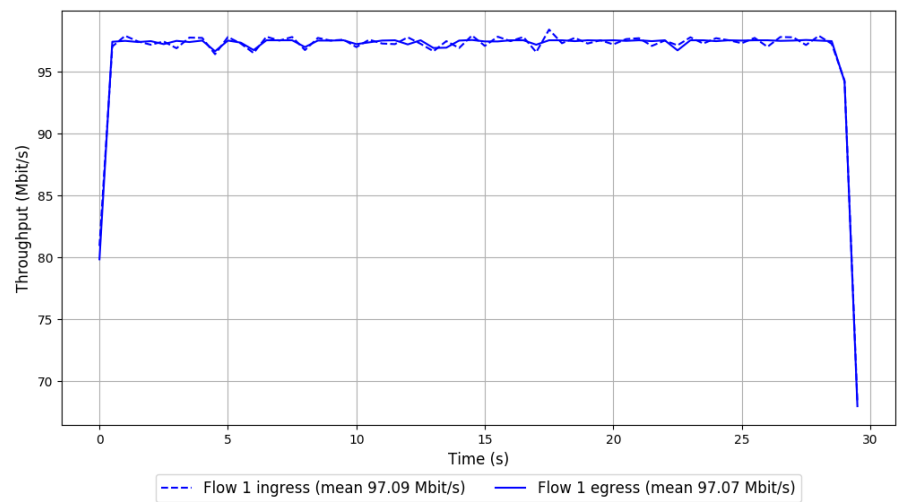
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 8.003 ms

Loss rate: 0.03%

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



Run 3: Statistics of Indigo-2-256

Start at: 2018-01-25 06:18:39

End at: 2018-01-25 06:19:09

Local clock offset: 0.515 ms

Remote clock offset: 0.542 ms

# Below is generated by plot.py at 2018-01-25 12:06:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 8.060 ms

Loss rate: 0.02%

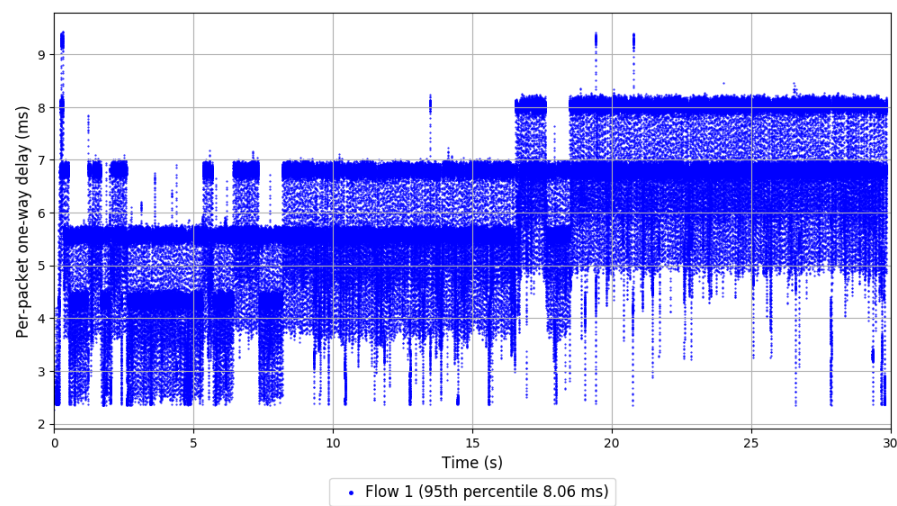
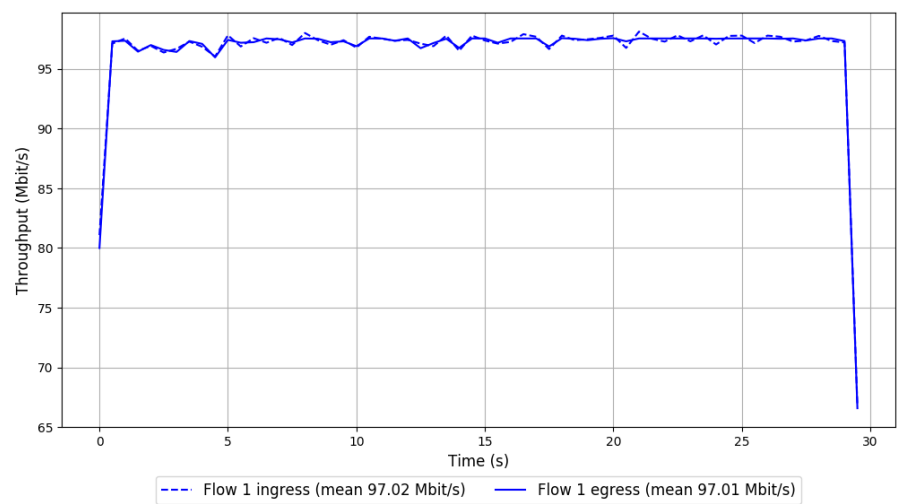
-- Flow 1:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 8.060 ms

Loss rate: 0.02%

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



Run 4: Statistics of Indigo-2-256

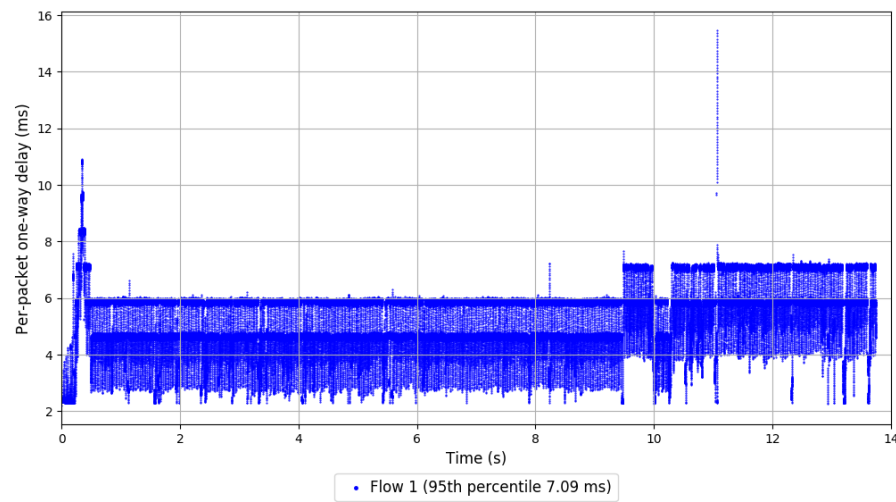
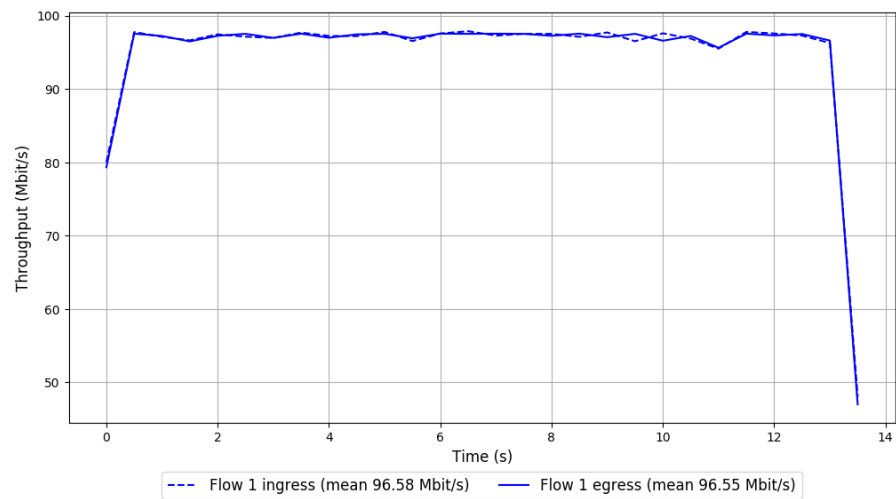
Start at: 2018-01-25 06:36:50

End at: 2018-01-25 06:37:20

Local clock offset: 0.552 ms

Remote clock offset: 0.356 ms

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



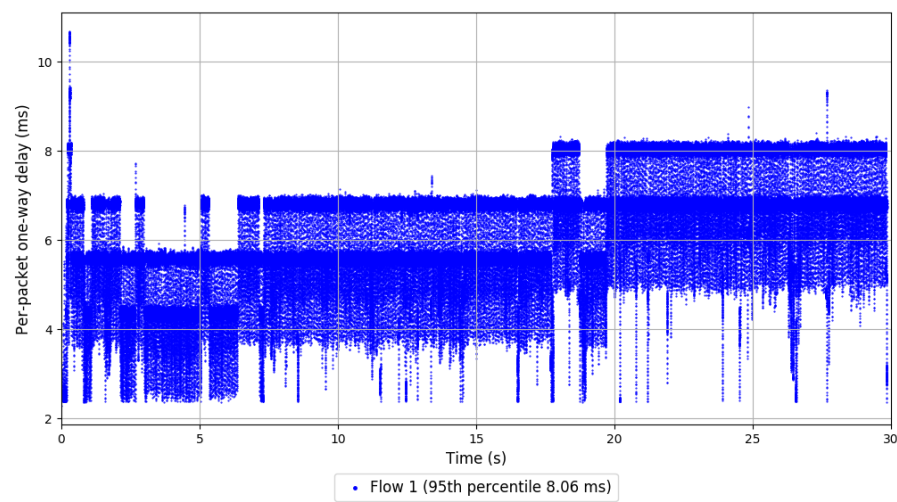
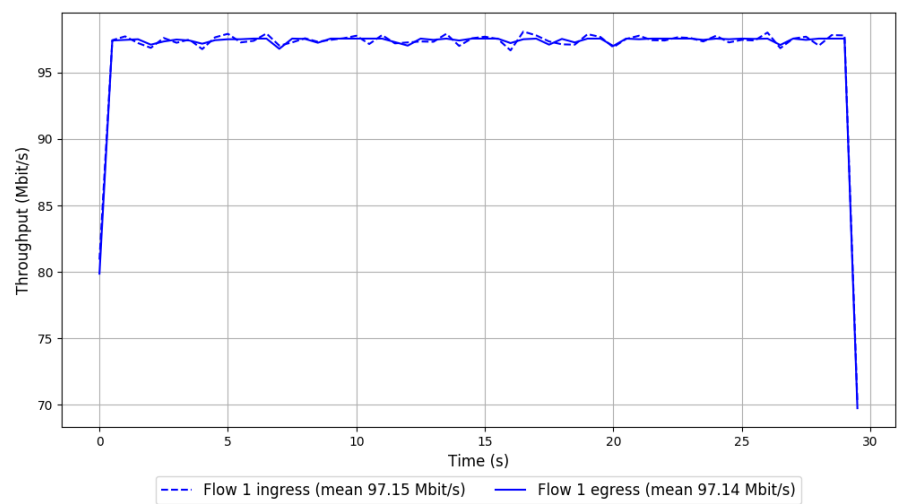
Run 5: Statistics of Indigo-2-256

Start at: 2018-01-25 06:54:57  
End at: 2018-01-25 06:55:27  
Local clock offset: 0.598 ms  
Remote clock offset: -0.393 ms

# Below is generated by plot.py at 2018-01-25 12:06:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.14 Mbit/s  
95th percentile per-packet one-way delay: 8.057 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 97.14 Mbit/s  
95th percentile per-packet one-way delay: 8.057 ms  
Loss rate: 0.03%



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



Run 6: Statistics of Indigo-2-256

Start at: 2018-01-25 07:13:08

End at: 2018-01-25 07:13:38

Local clock offset: 0.627 ms

Remote clock offset: -0.439 ms

# Below is generated by plot.py at 2018-01-25 12:06:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 8.338 ms

Loss rate: 0.04%

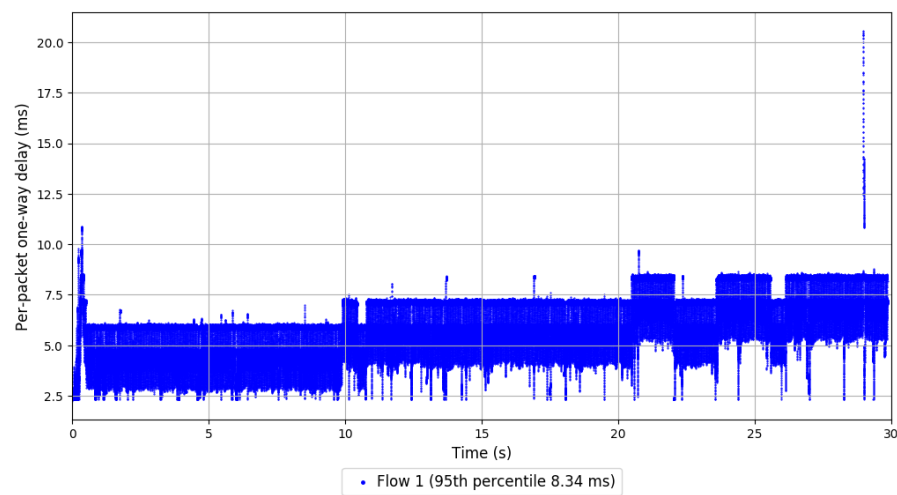
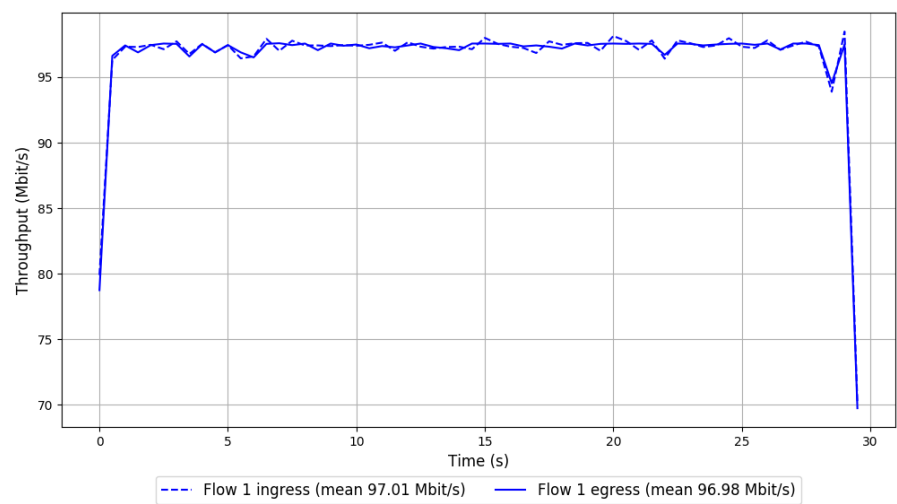
-- Flow 1:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 8.338 ms

Loss rate: 0.04%

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

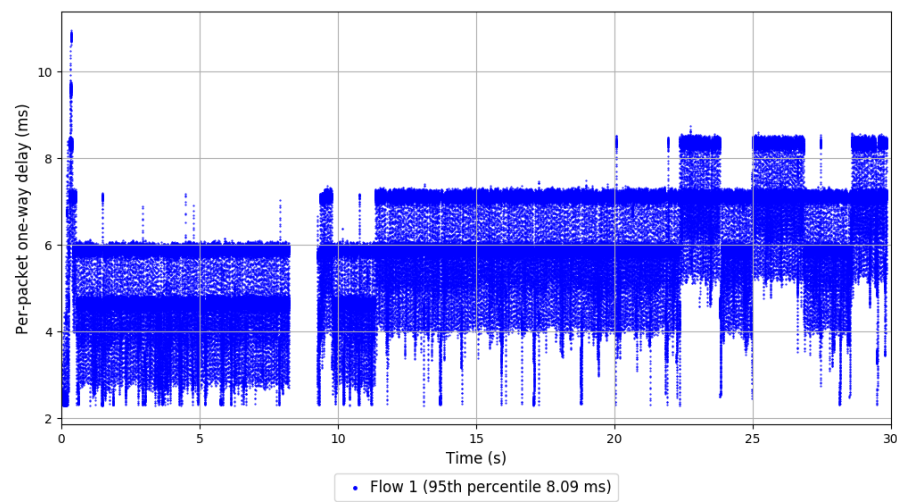
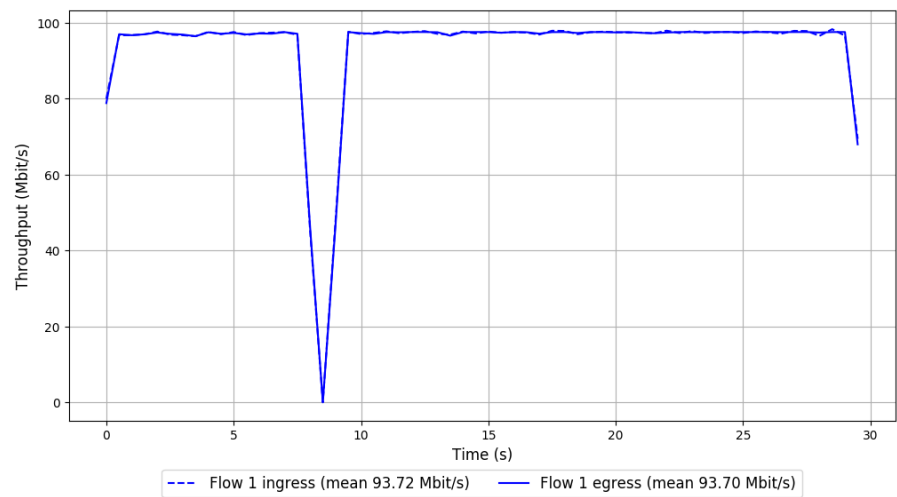


Run 7: Statistics of Indigo-2-256

Start at: 2018-01-25 07:31:18  
End at: 2018-01-25 07:31:48  
Local clock offset: 0.606 ms  
Remote clock offset: -0.344 ms

# Below is generated by plot.py at 2018-01-25 12:07:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.70 Mbit/s  
95th percentile per-packet one-way delay: 8.092 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 93.70 Mbit/s  
95th percentile per-packet one-way delay: 8.092 ms  
Loss rate: 0.03%

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

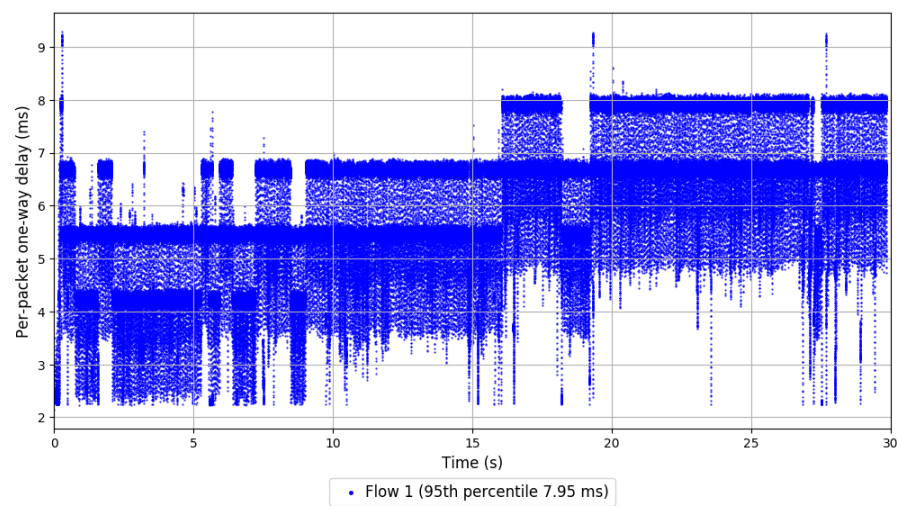
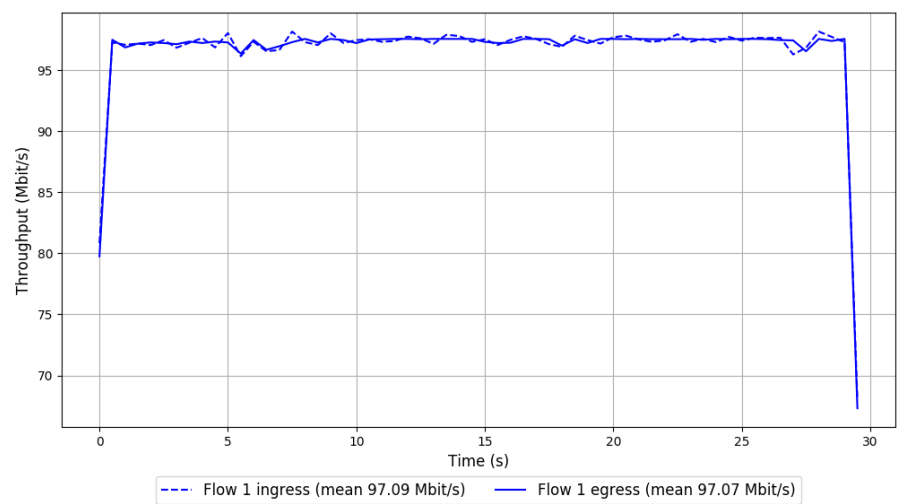


Run 8: Statistics of Indigo-2-256

Start at: 2018-01-25 07:49:29  
End at: 2018-01-25 07:49:59  
Local clock offset: 0.489 ms  
Remote clock offset: -0.242 ms

# Below is generated by plot.py at 2018-01-25 12:07:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.07 Mbit/s  
95th percentile per-packet one-way delay: 7.950 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 97.07 Mbit/s  
95th percentile per-packet one-way delay: 7.950 ms  
Loss rate: 0.04%

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



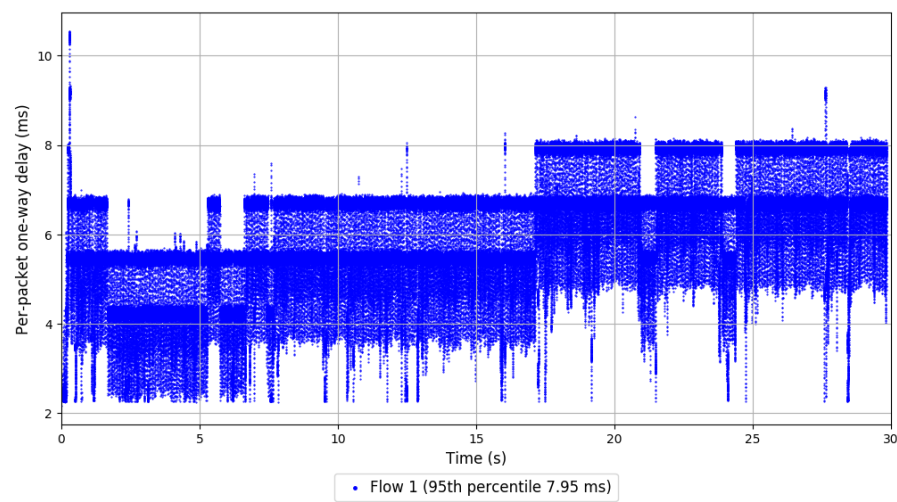
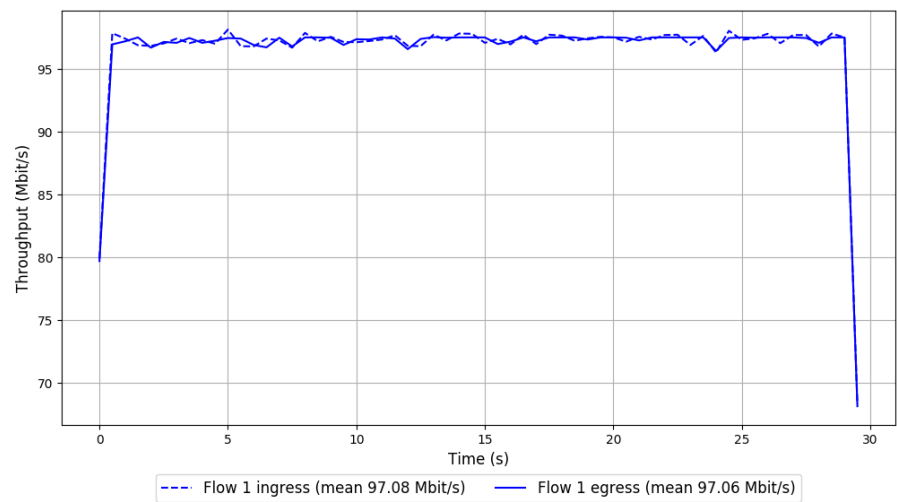
Run 9: Statistics of Indigo-2-256

Start at: 2018-01-25 08:07:40  
End at: 2018-01-25 08:08:10  
Local clock offset: 0.399 ms  
Remote clock offset: -0.214 ms

# Below is generated by plot.py at 2018-01-25 12:07:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 7.946 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 97.06 Mbit/s  
95th percentile per-packet one-way delay: 7.946 ms  
Loss rate: 0.03%



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



Run 10: Statistics of Indigo-2-256

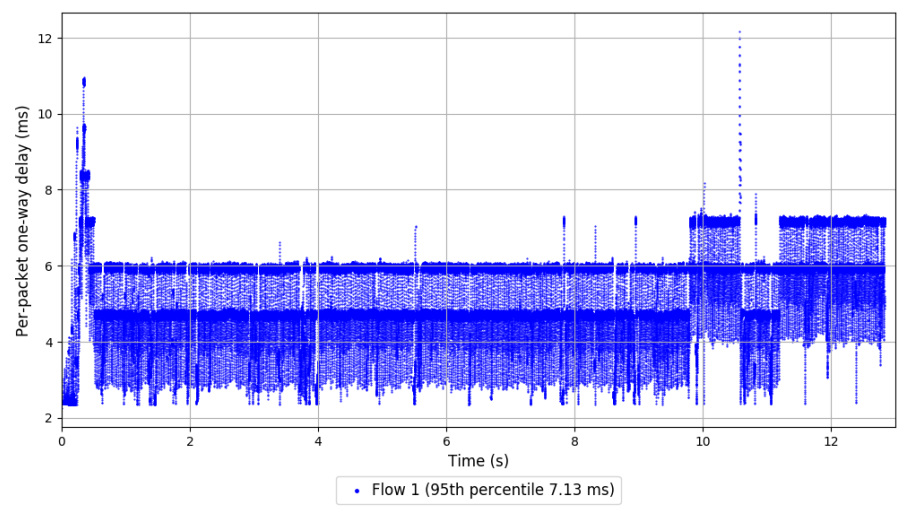
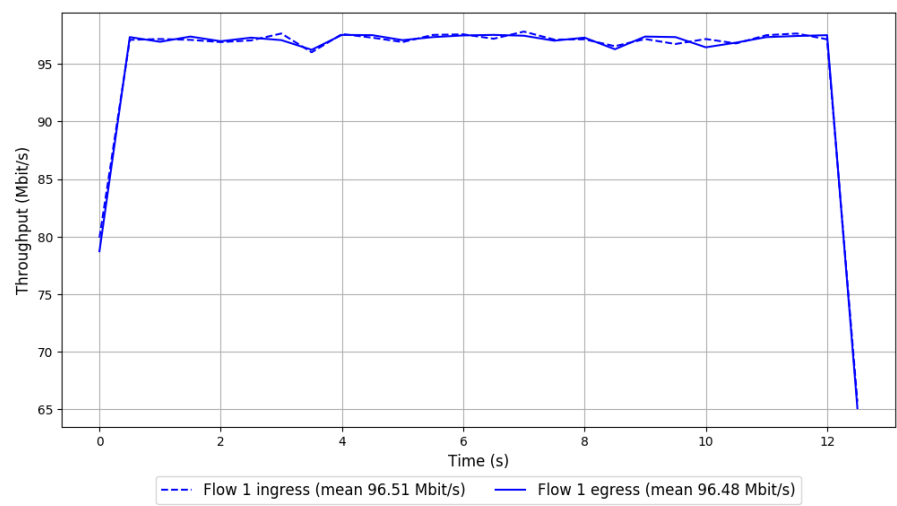
Start at: 2018-01-25 08:25:50

End at: 2018-01-25 08:26:20

Local clock offset: 0.407 ms

Remote clock offset: -0.267 ms

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

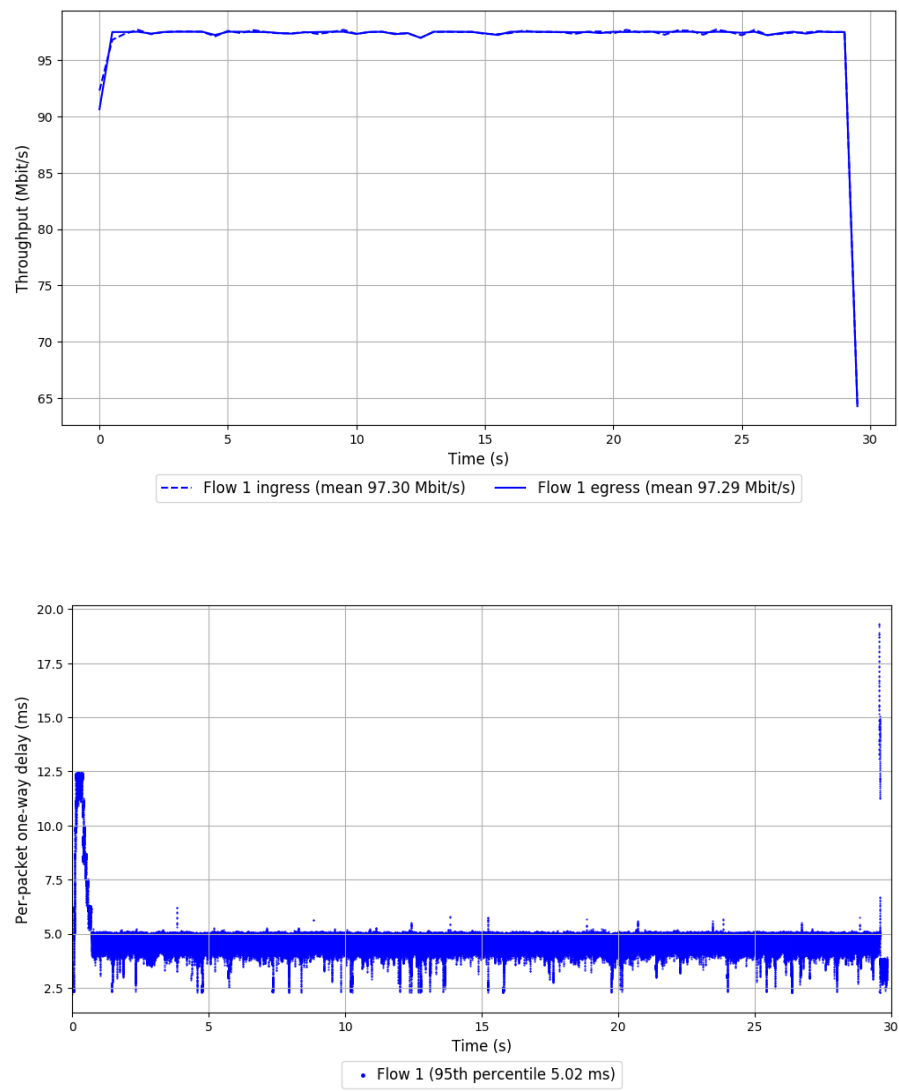


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-01-25 05:58:16
End at: 2018-01-25 05:58:46
Local clock offset: 0.499 ms
Remote clock offset: 0.491 ms

# Below is generated by plot.py at 2018-01-25 12:07:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 5.022 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 5.022 ms
Loss rate: 0.02%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-01-25 06:16:26

End at: 2018-01-25 06:16:56

Local clock offset: 0.515 ms

Remote clock offset: 0.571 ms

# Below is generated by plot.py at 2018-01-25 12:07:56

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 5.043 ms

Loss rate: 0.02%

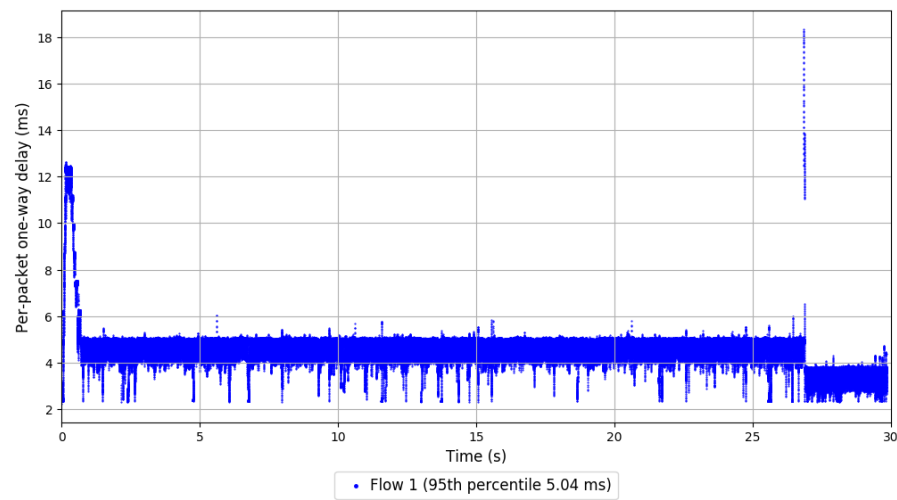
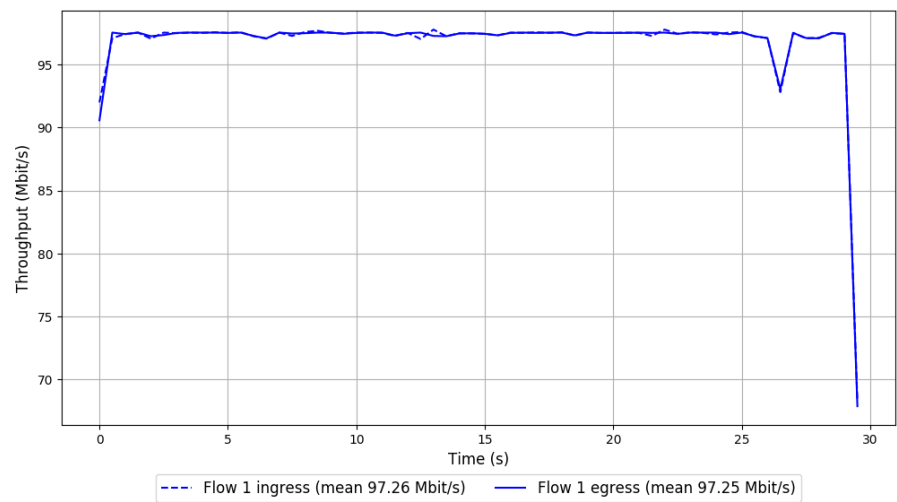
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 5.043 ms

Loss rate: 0.02%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-01-25 06:34:37

End at: 2018-01-25 06:35:07

Local clock offset: 0.57 ms

Remote clock offset: 0.524 ms

# Below is generated by plot.py at 2018-01-25 12:07:58

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 5.003 ms

Loss rate: 0.02%

-- Flow 1:

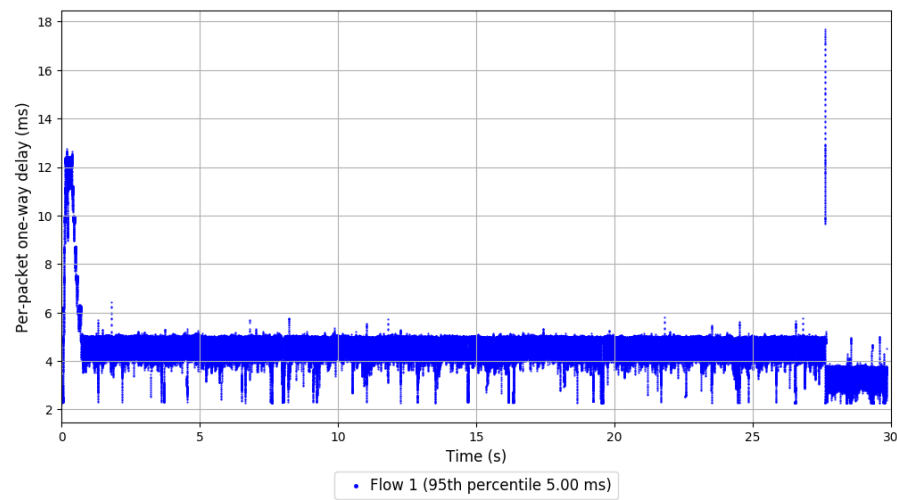
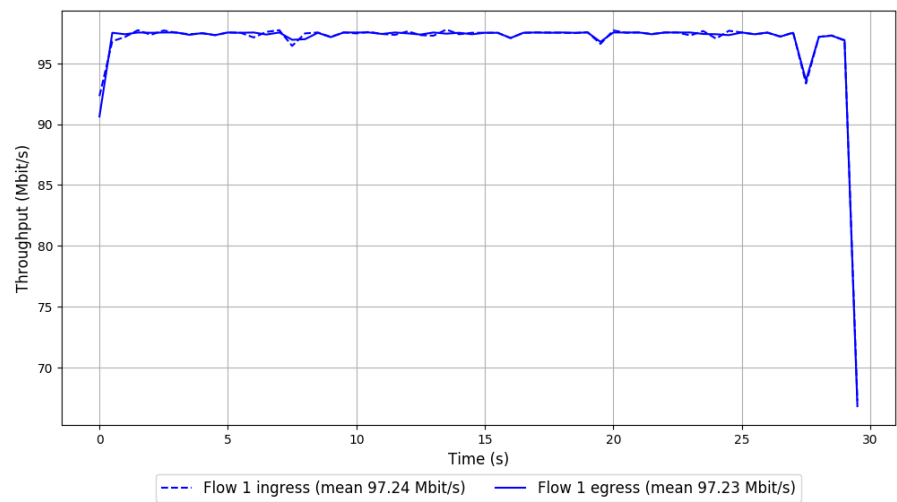
Average throughput: 97.23 Mbit/s

95th percentile per-packet one-way delay: 5.003 ms

Loss rate: 0.02%



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



Run 4: Statistics of Indigo-1-32

Start at: 2018-01-25 06:52:44

End at: 2018-01-25 06:53:14

Local clock offset: 0.573 ms

Remote clock offset: -0.299 ms

# Below is generated by plot.py at 2018-01-25 12:08:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 5.012 ms

Loss rate: 0.02%

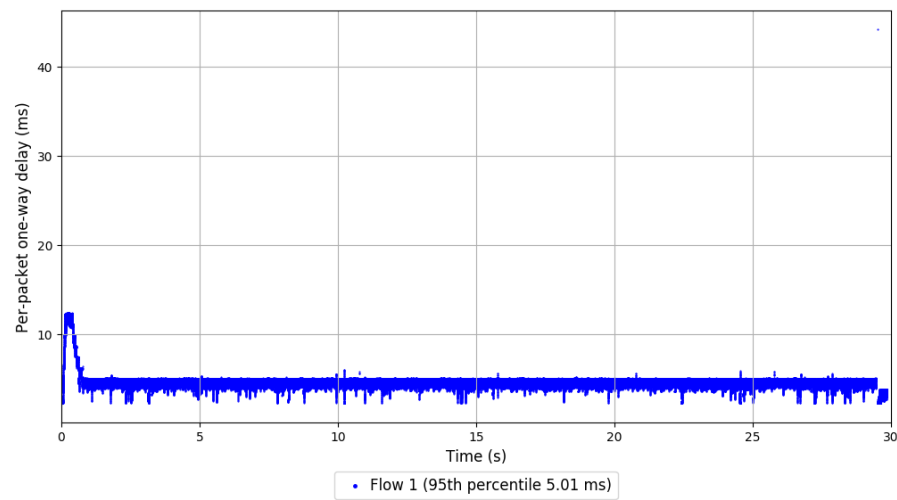
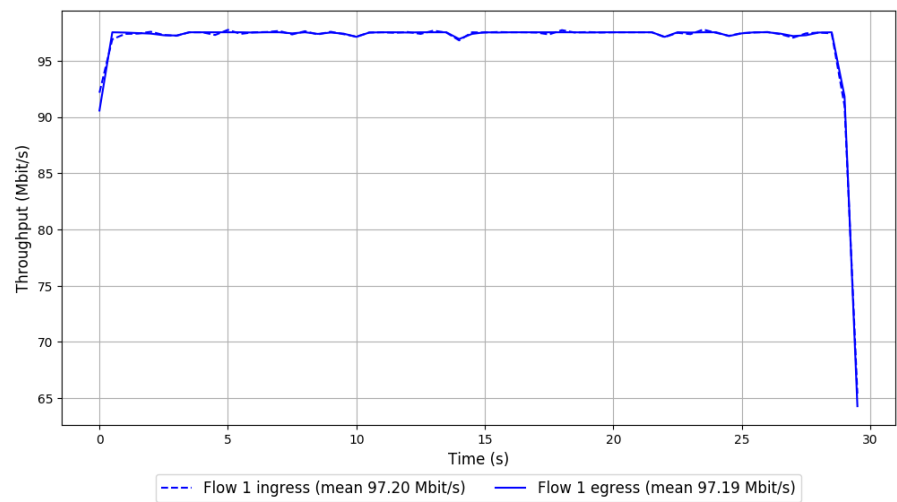
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 5.012 ms

Loss rate: 0.02%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-01-25 07:10:54

End at: 2018-01-25 07:11:24

Local clock offset: 0.608 ms

Remote clock offset: -0.445 ms

# Below is generated by plot.py at 2018-01-25 12:08:22

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 5.043 ms

Loss rate: 0.02%

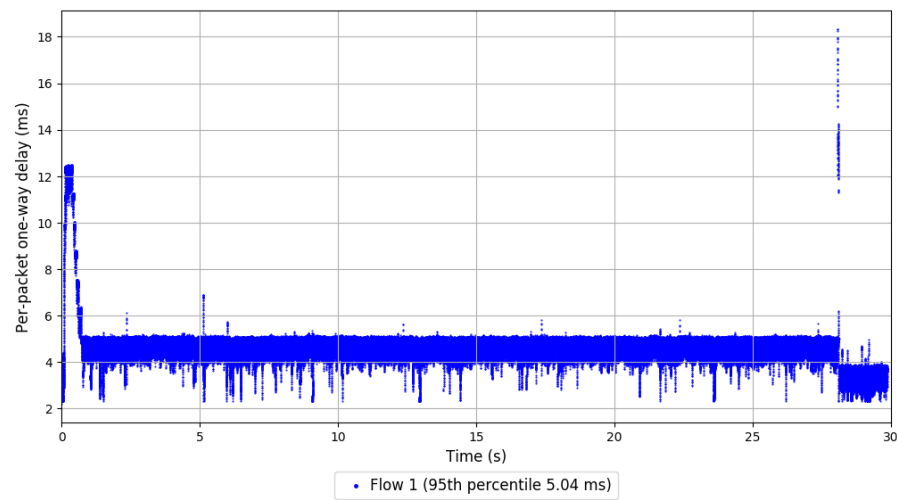
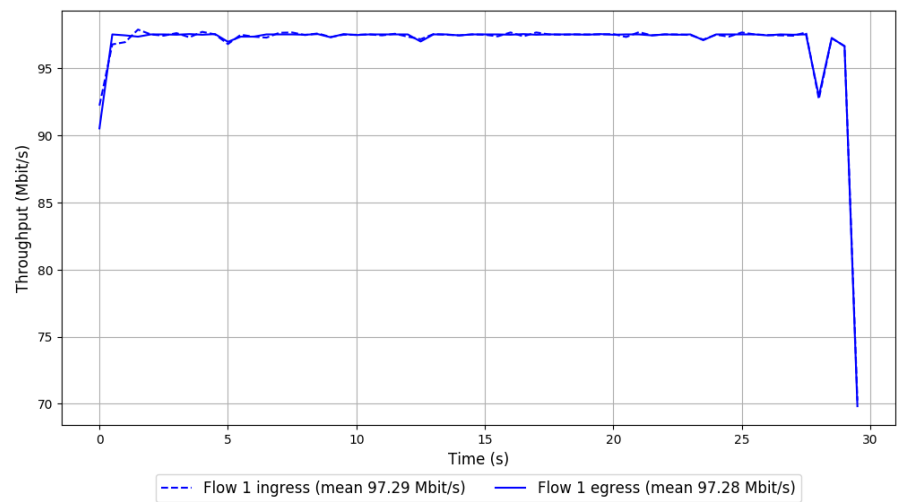
-- Flow 1:

Average throughput: 97.28 Mbit/s

95th percentile per-packet one-way delay: 5.043 ms

Loss rate: 0.02%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-01-25 07:29:04

End at: 2018-01-25 07:29:34

Local clock offset: 0.611 ms

Remote clock offset: -0.358 ms

# Below is generated by plot.py at 2018-01-25 12:08:31

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 5.041 ms

Loss rate: 0.02%

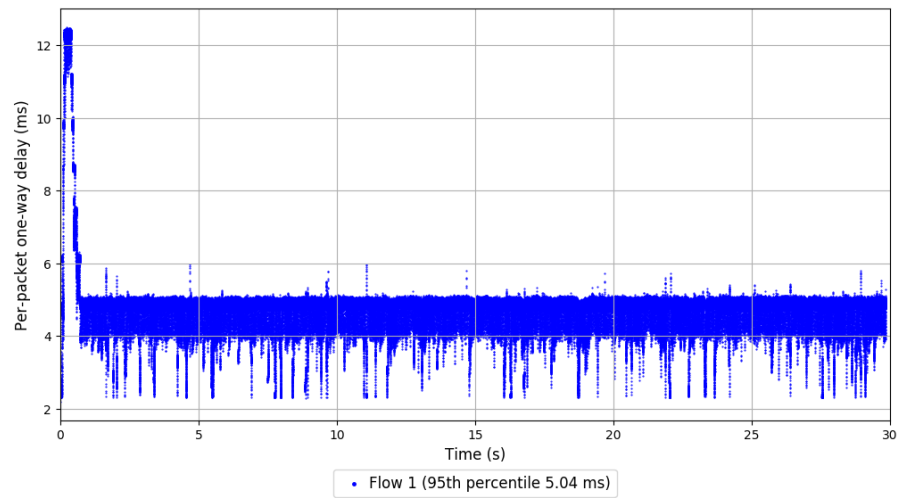
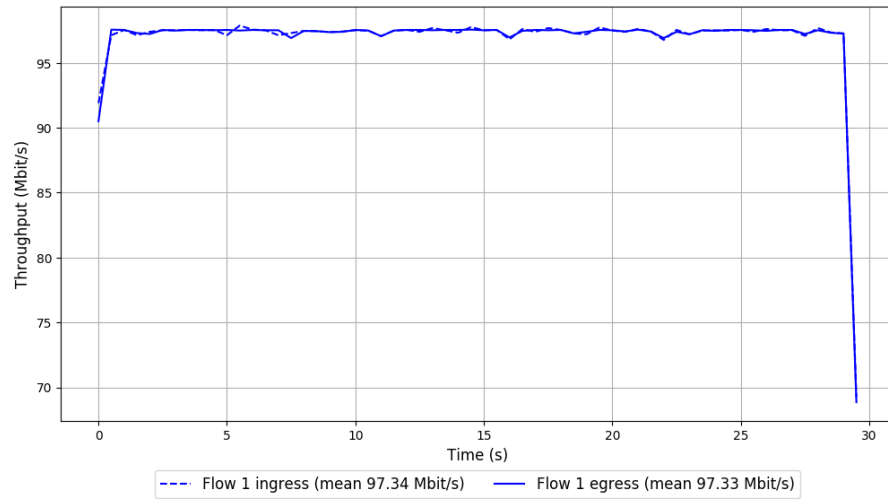
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 5.041 ms

Loss rate: 0.02%

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



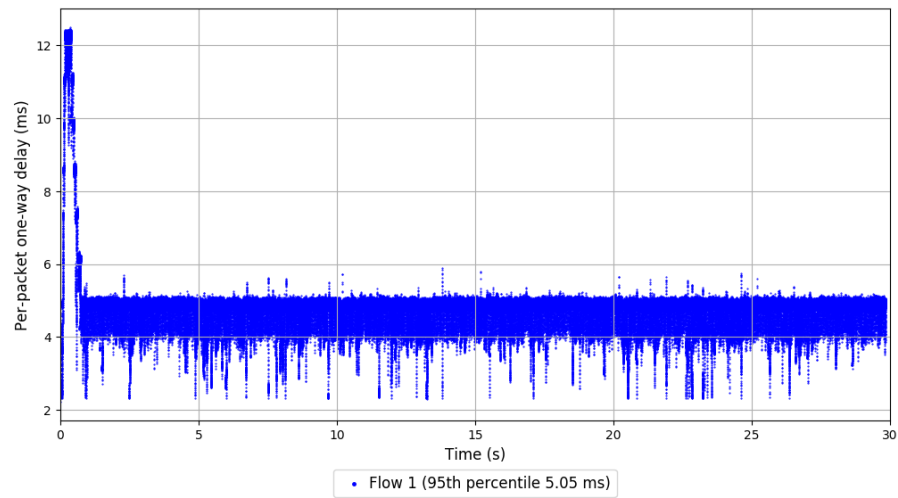
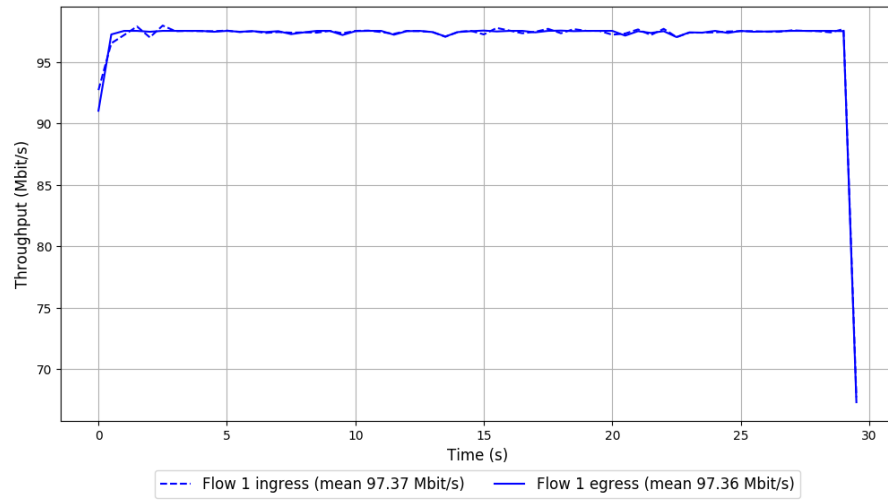
Run 7: Statistics of Indigo-1-32

Start at: 2018-01-25 07:47:15  
End at: 2018-01-25 07:47:45  
Local clock offset: 0.564 ms  
Remote clock offset: -0.258 ms

# Below is generated by plot.py at 2018-01-25 12:08:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.36 Mbit/s  
95th percentile per-packet one-way delay: 5.048 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 97.36 Mbit/s  
95th percentile per-packet one-way delay: 5.048 ms  
Loss rate: 0.02%



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

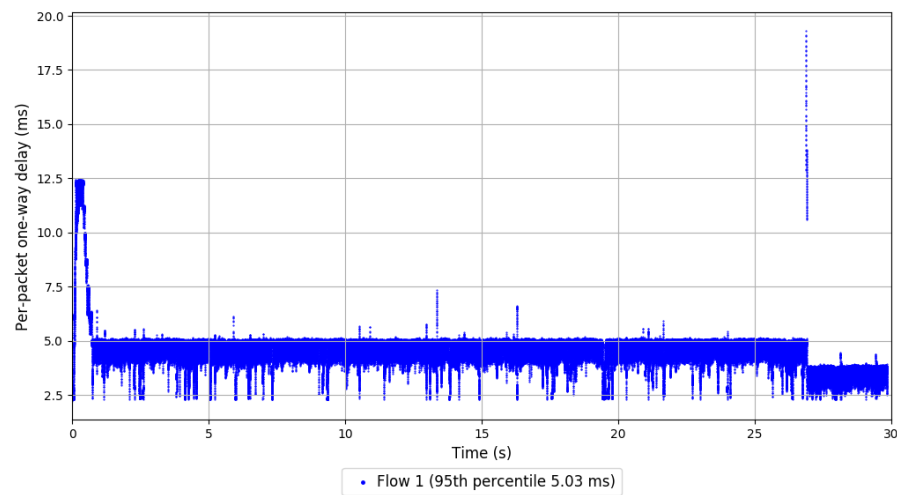
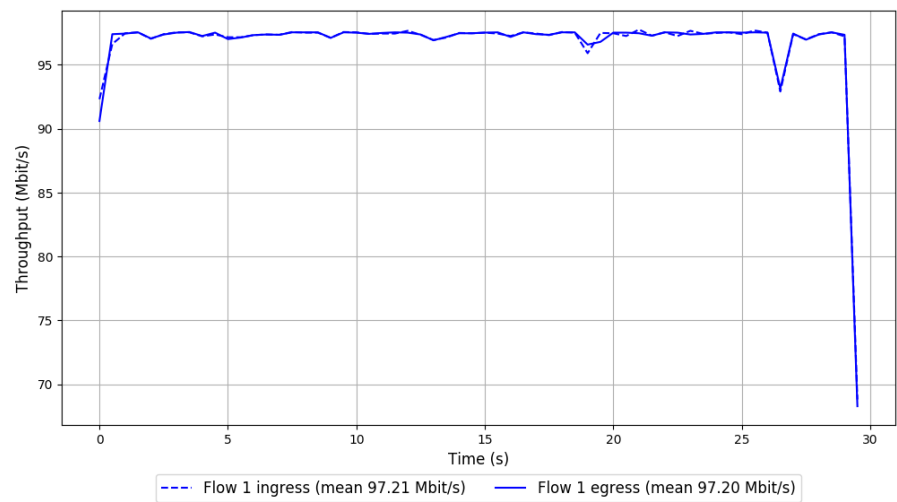


Run 8: Statistics of Indigo-1-32

Start at: 2018-01-25 08:05:26  
End at: 2018-01-25 08:05:56  
Local clock offset: 0.453 ms  
Remote clock offset: -0.224 ms

# Below is generated by plot.py at 2018-01-25 12:08:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.20 Mbit/s  
95th percentile per-packet one-way delay: 5.033 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 97.20 Mbit/s  
95th percentile per-packet one-way delay: 5.033 ms  
Loss rate: 0.02%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-01-25 08:23:37

End at: 2018-01-25 08:24:07

Local clock offset: 0.424 ms

Remote clock offset: -0.217 ms

# Below is generated by plot.py at 2018-01-25 12:09:15

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 5.053 ms

Loss rate: 0.02%

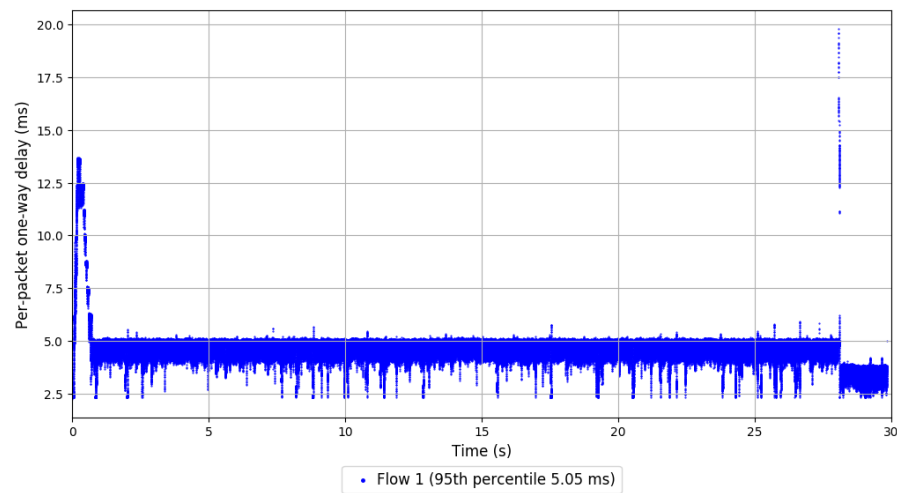
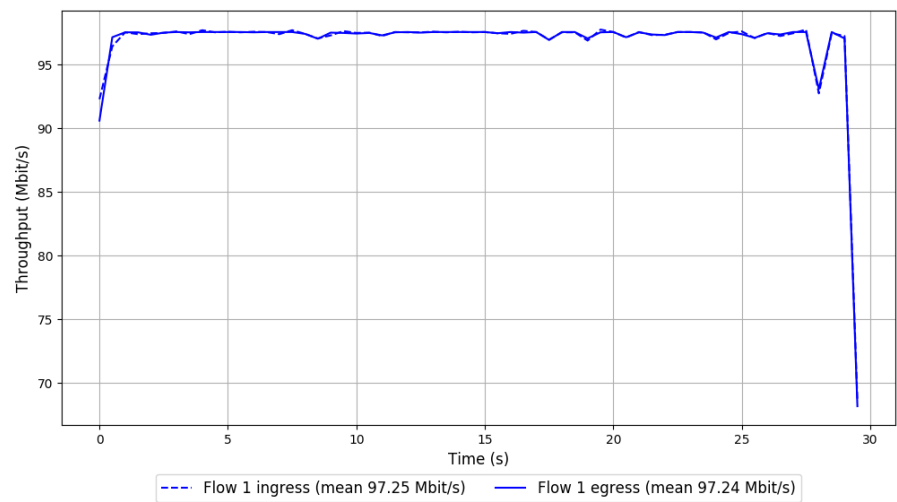
-- Flow 1:

Average throughput: 97.24 Mbit/s

95th percentile per-packet one-way delay: 5.053 ms

Loss rate: 0.02%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-01-25 08:41:43

End at: 2018-01-25 08:42:13

Local clock offset: 0.375 ms

Remote clock offset: -0.197 ms

# Below is generated by plot.py at 2018-01-25 12:09:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 4.949 ms

Loss rate: 0.02%

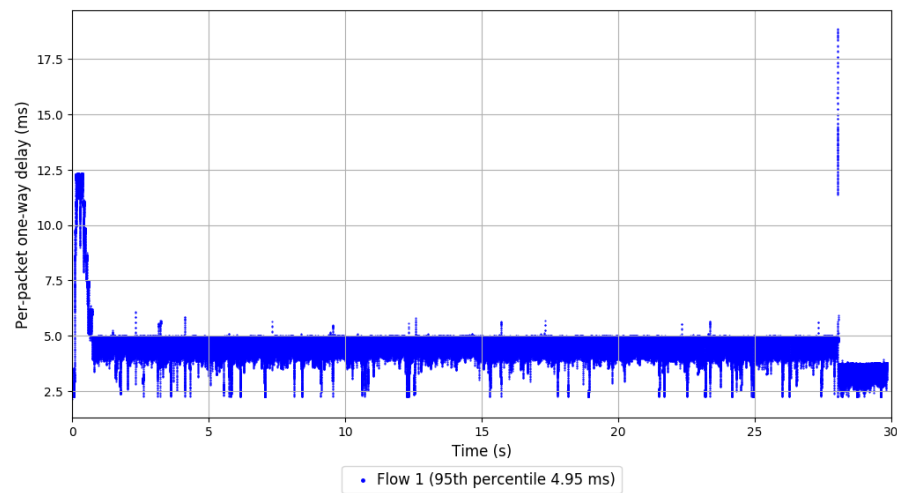
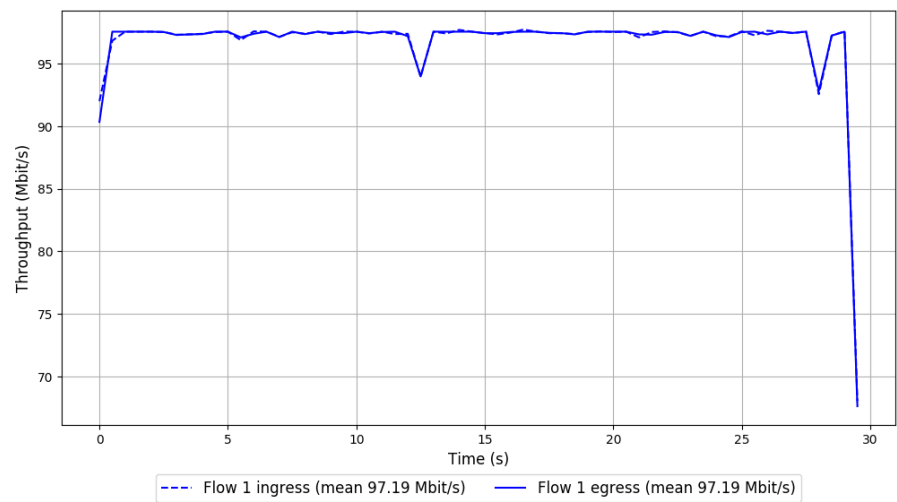
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 4.949 ms

Loss rate: 0.02%

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



Run 1: Statistics of Indigo-1-128

Start at: 2018-01-25 05:51:22

End at: 2018-01-25 05:51:52

Local clock offset: 0.437 ms

Remote clock offset: 0.336 ms

# Below is generated by plot.py at 2018-01-25 12:09:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 4.986 ms

Loss rate: 0.02%

-- Flow 1:

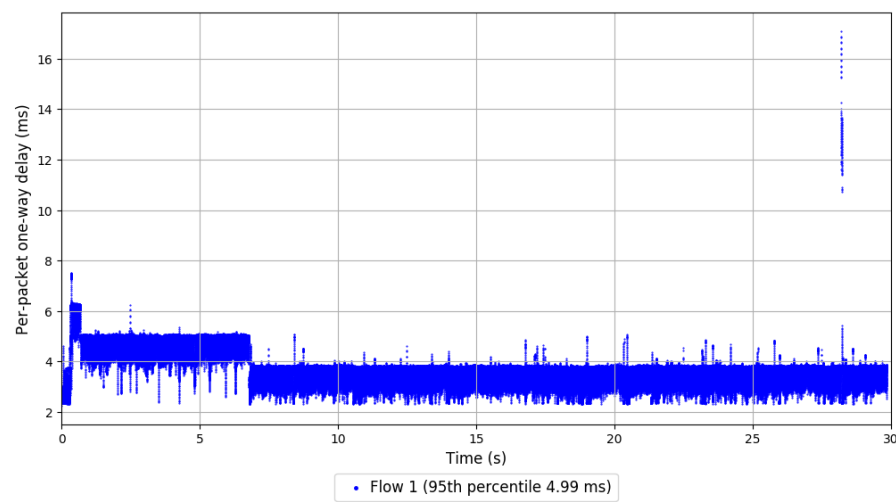
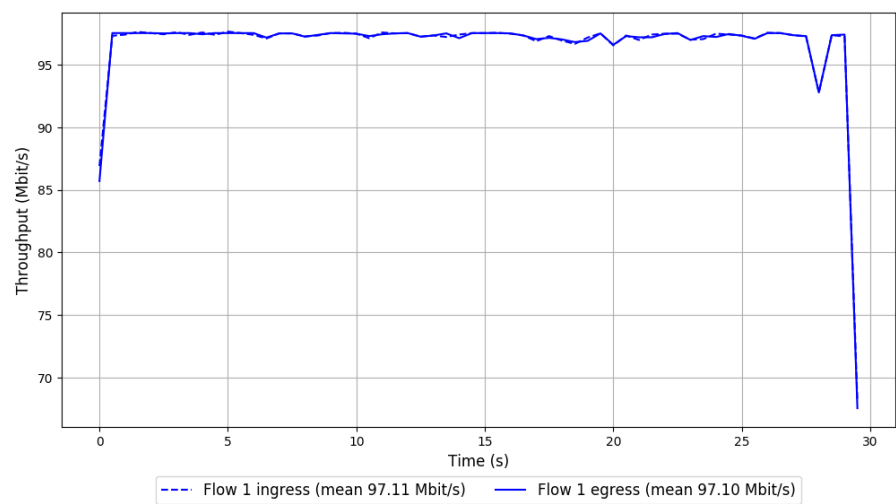
Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 4.986 ms

Loss rate: 0.02%



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



Run 2: Statistics of Indigo-1-128

Start at: 2018-01-25 06:09:32

End at: 2018-01-25 06:10:02

Local clock offset: 0.5 ms

Remote clock offset: 0.536 ms

# Below is generated by plot.py at 2018-01-25 12:09:25

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 4.984 ms

Loss rate: 0.02%

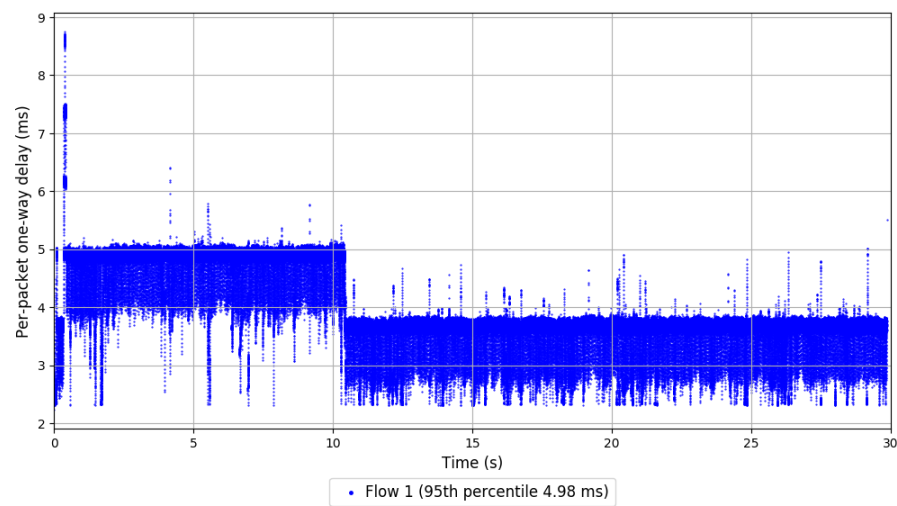
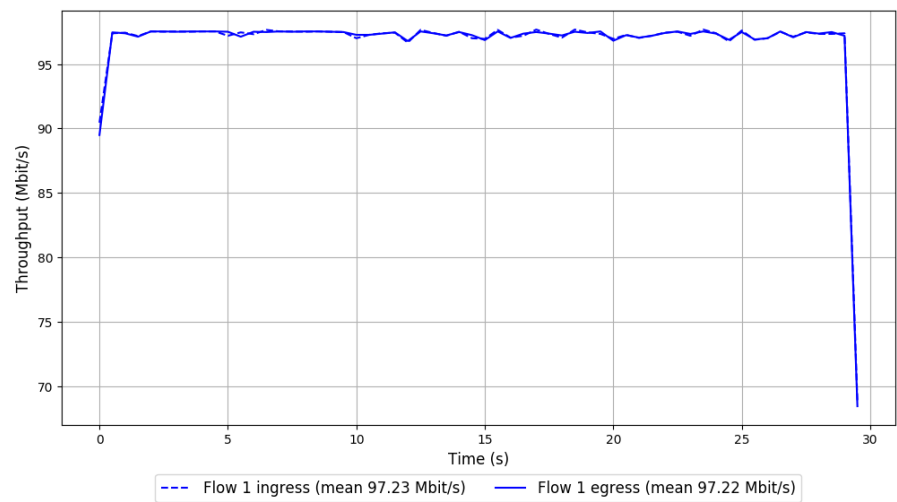
-- Flow 1:

Average throughput: 97.22 Mbit/s

95th percentile per-packet one-way delay: 4.984 ms

Loss rate: 0.02%

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



Run 3: Statistics of Indigo-1-128

Start at: 2018-01-25 06:27:43

End at: 2018-01-25 06:28:13

Local clock offset: 0.459 ms

Remote clock offset: 0.668 ms

# Below is generated by plot.py at 2018-01-25 12:09:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.21 Mbit/s

95th percentile per-packet one-way delay: 4.919 ms

Loss rate: 0.02%

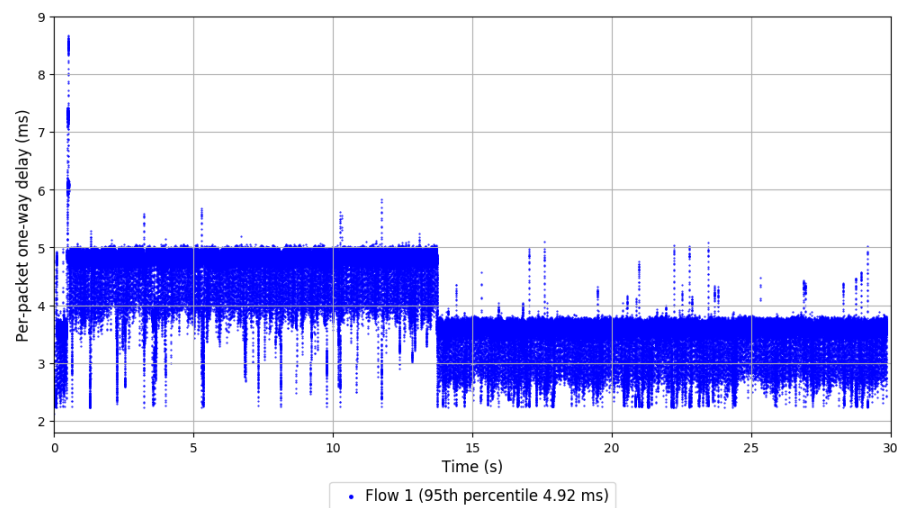
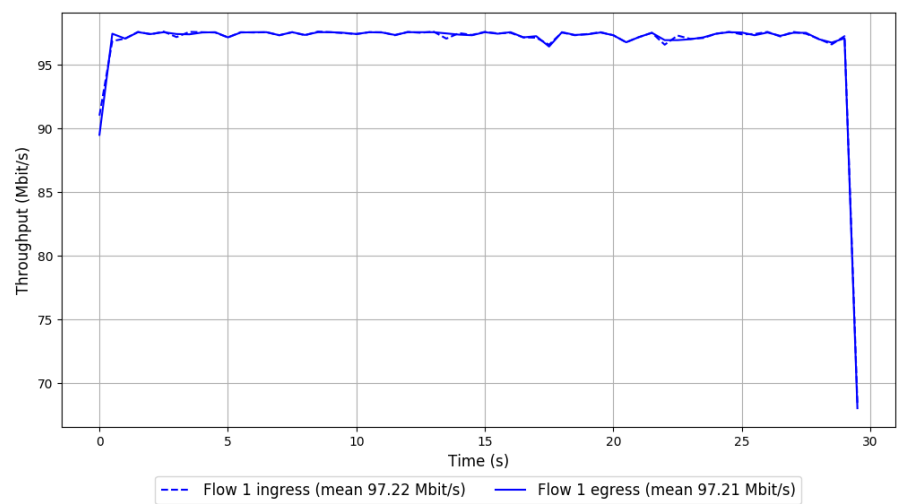
-- Flow 1:

Average throughput: 97.21 Mbit/s

95th percentile per-packet one-way delay: 4.919 ms

Loss rate: 0.02%

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

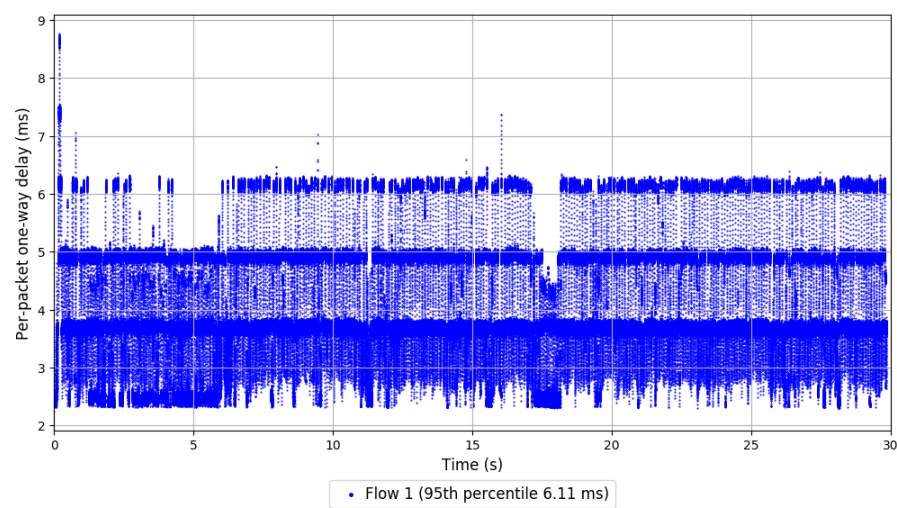
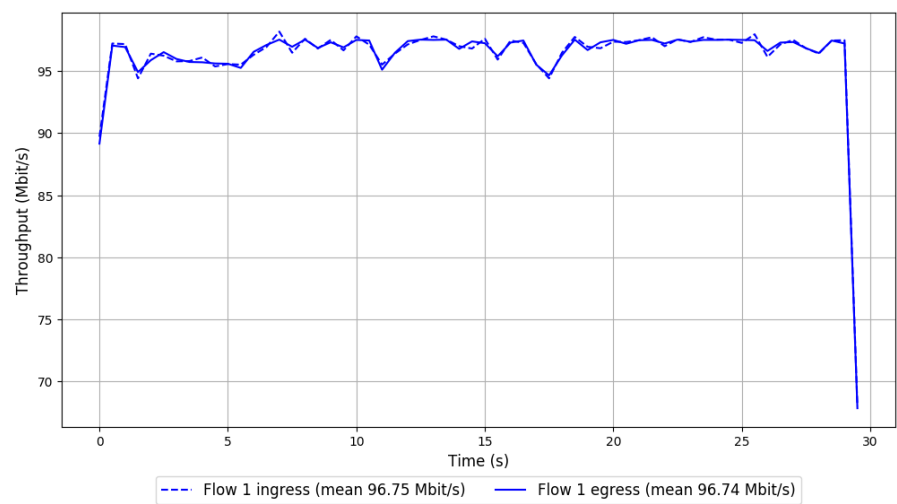


Run 4: Statistics of Indigo-1-128

Start at: 2018-01-25 06:45:50  
End at: 2018-01-25 06:46:20  
Local clock offset: 0.583 ms  
Remote clock offset: -0.154 ms

# Below is generated by plot.py at 2018-01-25 12:09:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.74 Mbit/s  
95th percentile per-packet one-way delay: 6.110 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.74 Mbit/s  
95th percentile per-packet one-way delay: 6.110 ms  
Loss rate: 0.02%

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



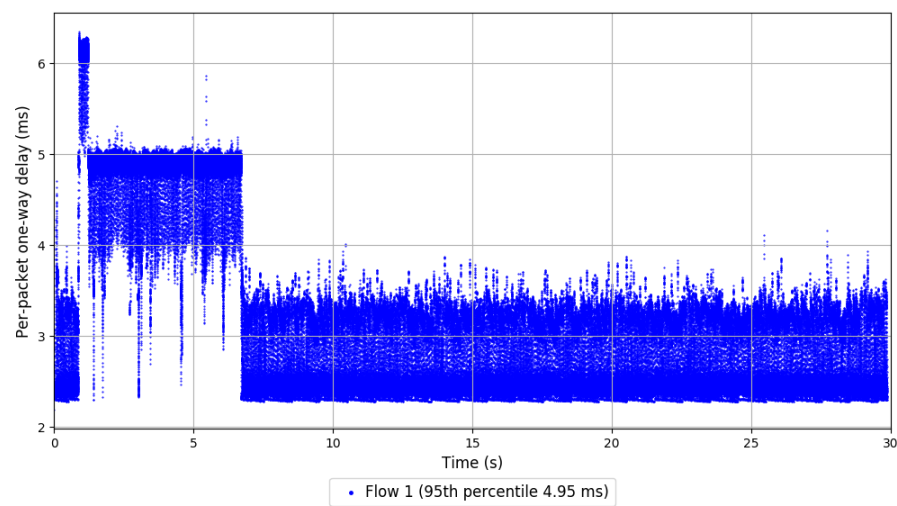
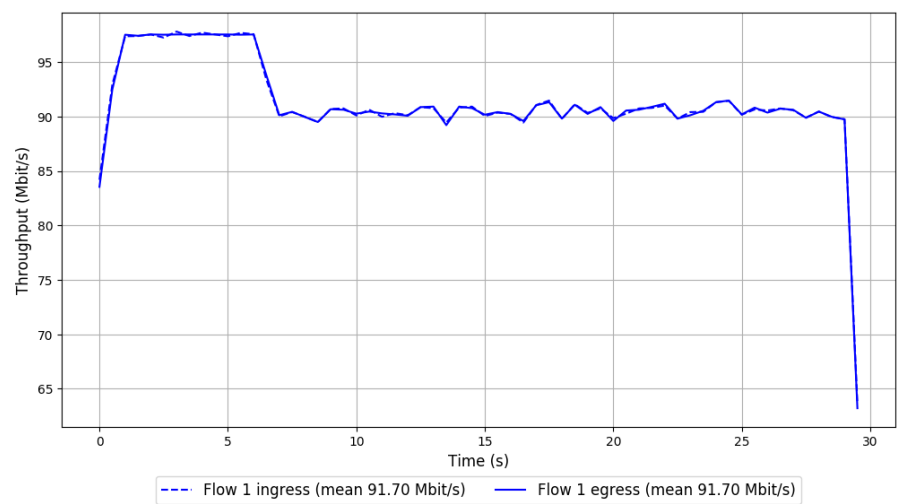
Run 5: Statistics of Indigo-1-128

Start at: 2018-01-25 07:04:01  
End at: 2018-01-25 07:04:31  
Local clock offset: 0.592 ms  
Remote clock offset: -0.444 ms

# Below is generated by plot.py at 2018-01-25 12:10:06  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.70 Mbit/s  
95th percentile per-packet one-way delay: 4.954 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 91.70 Mbit/s  
95th percentile per-packet one-way delay: 4.954 ms  
Loss rate: 0.02%



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

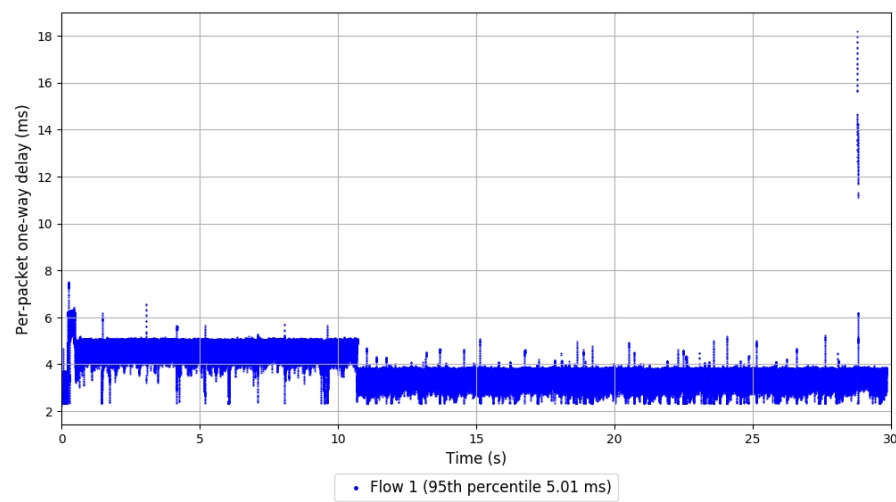
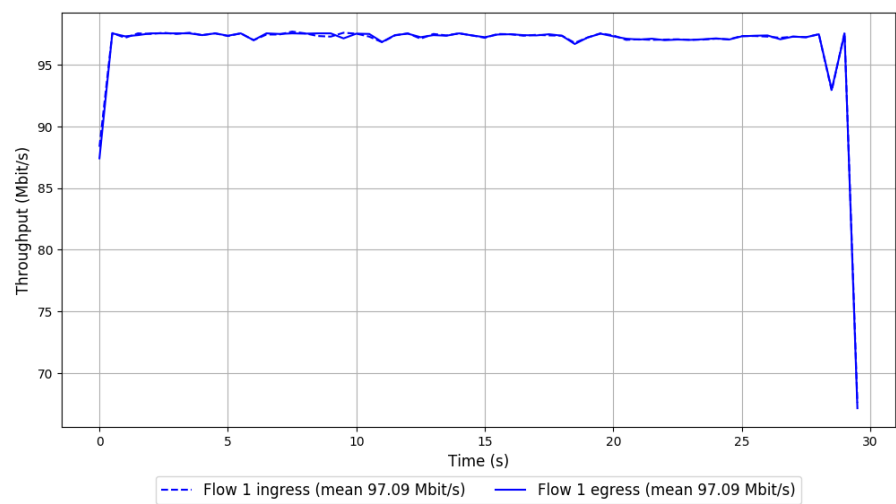


Run 6: Statistics of Indigo-1-128

Start at: 2018-01-25 07:22:11  
End at: 2018-01-25 07:22:41  
Local clock offset: 0.558 ms  
Remote clock offset: -0.496 ms

# Below is generated by plot.py at 2018-01-25 12:10:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 5.009 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 5.009 ms  
Loss rate: 0.02%

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

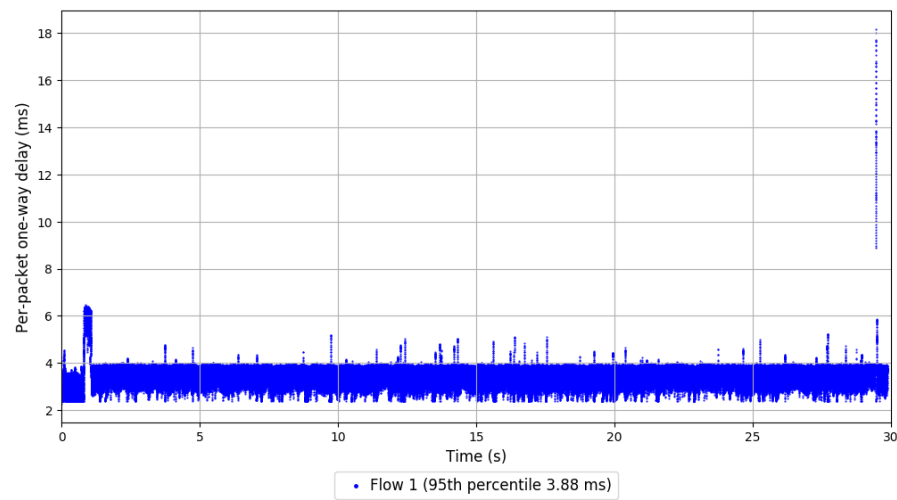
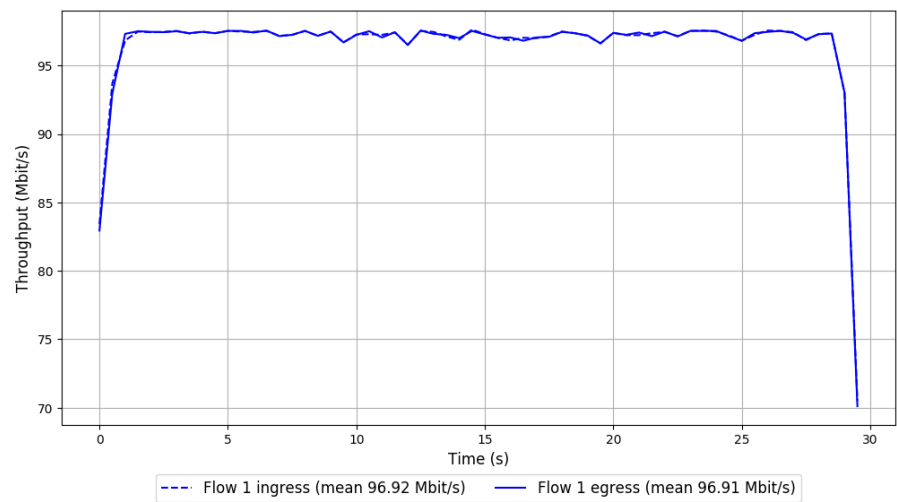


Run 7: Statistics of Indigo-1-128

Start at: 2018-01-25 07:40:21  
End at: 2018-01-25 07:40:52  
Local clock offset: 0.598 ms  
Remote clock offset: -0.379 ms

# Below is generated by plot.py at 2018-01-25 12:10:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: 3.879 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.91 Mbit/s  
95th percentile per-packet one-way delay: 3.879 ms  
Loss rate: 0.02%

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



Run 8: Statistics of Indigo-1-128

Start at: 2018-01-25 07:58:33

End at: 2018-01-25 07:59:03

Local clock offset: 0.451 ms

Remote clock offset: -0.237 ms

# Below is generated by plot.py at 2018-01-25 12:10:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 4.920 ms

Loss rate: 0.02%

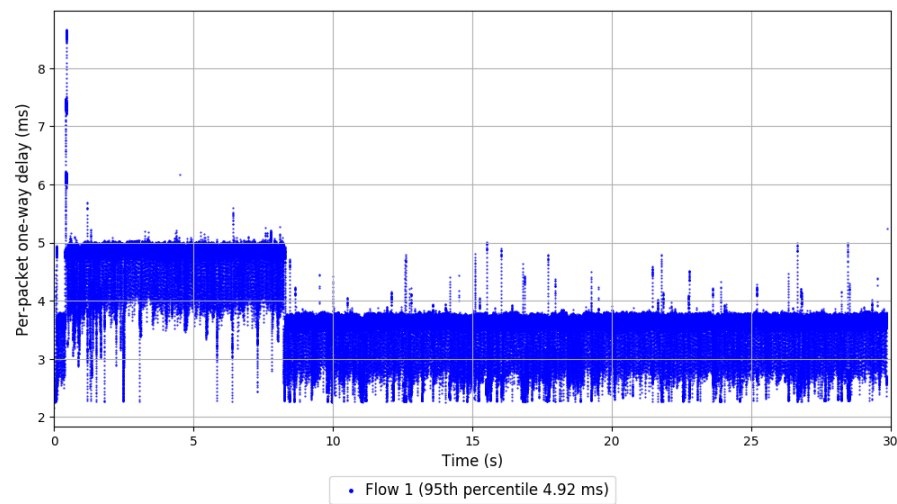
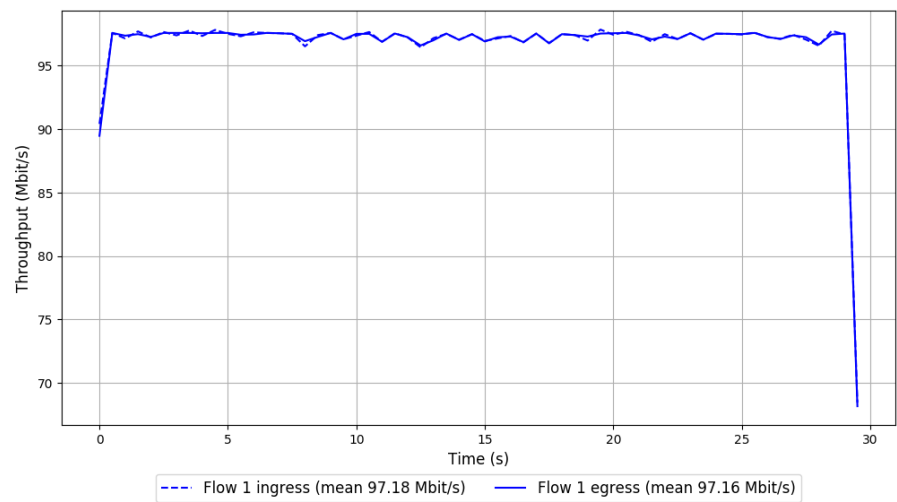
-- Flow 1:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 4.920 ms

Loss rate: 0.02%

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



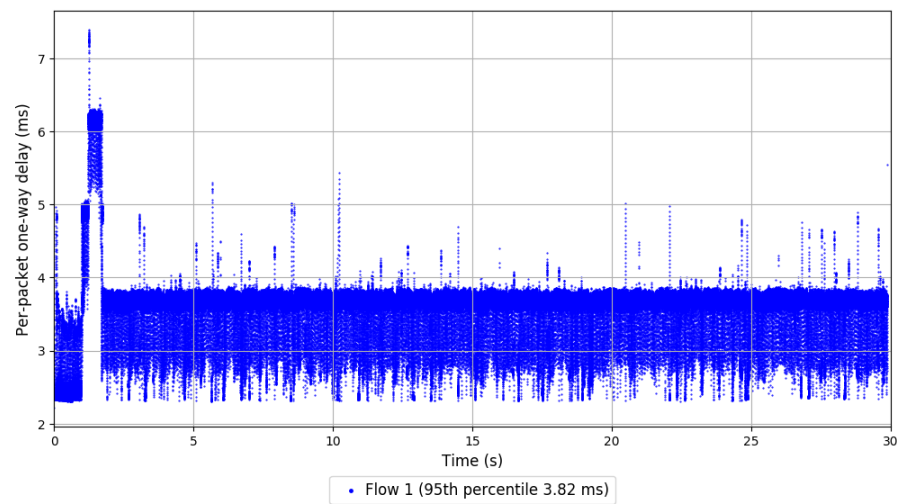
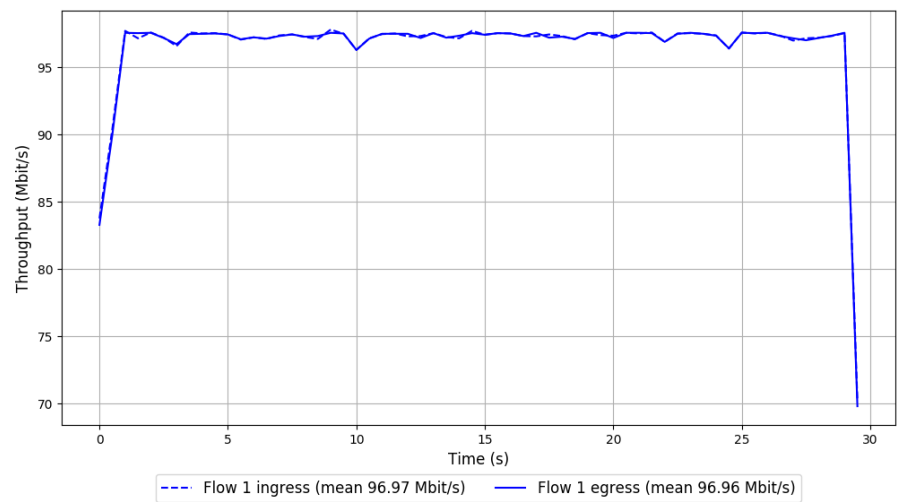
Run 9: Statistics of Indigo-1-128

Start at: 2018-01-25 08:16:43  
End at: 2018-01-25 08:17:13  
Local clock offset: 0.442 ms  
Remote clock offset: -0.209 ms

# Below is generated by plot.py at 2018-01-25 12:10:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.96 Mbit/s  
95th percentile per-packet one-way delay: 3.818 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 96.96 Mbit/s  
95th percentile per-packet one-way delay: 3.818 ms  
Loss rate: 0.02%



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



Run 10: Statistics of Indigo-1-128

Start at: 2018-01-25 08:34:50

End at: 2018-01-25 08:35:20

Local clock offset: 0.371 ms

Remote clock offset: -0.21 ms

# Below is generated by plot.py at 2018-01-25 12:10:30

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 4.690 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 4.690 ms

Loss rate: 0.02%

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

