

## Pantheon Report

Generated at 2017-09-21 22:39:29 (UTC).

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

Repeated the test of 14 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).

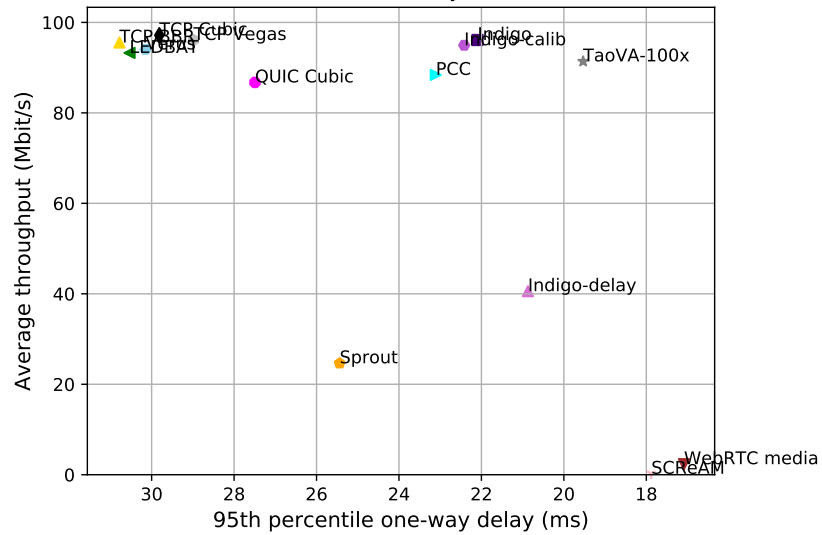
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

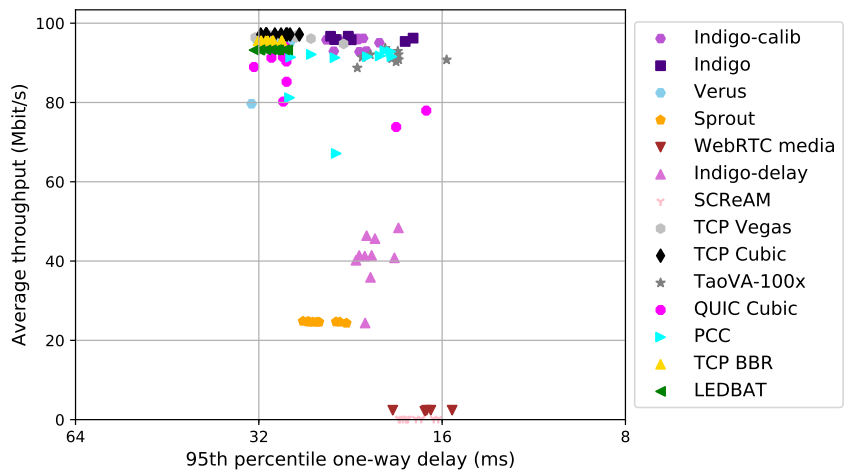
Git summary:

```
branch: indigos @ 46c7c812d4acb71eea4f5fb0b03b3657cea3062f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from India Ethernet to AWS India 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	9	95.56	30.78	0.12
TCP Cubic	10	97.16	29.81	0.12
LEDBAT	10	93.25	30.54	0.14
PCC	10	88.39	23.11	0.09
QUIC Cubic	10	86.73	27.49	0.11
SCReAM	10	0.21	17.88	0.09
WebRTC media	5	2.33	17.09	0.11
Sprout	10	24.64	25.44	0.11
TaoVA-100x	10	91.38	19.53	0.09
TCP Vegas	10	96.12	28.99	0.09
Verus	10	94.04	30.15	0.12
Indigo	8	96.11	22.10	0.10
Indigo-calib	10	94.95	22.42	0.09
Indigo-delay	10	40.58	20.87	0.08

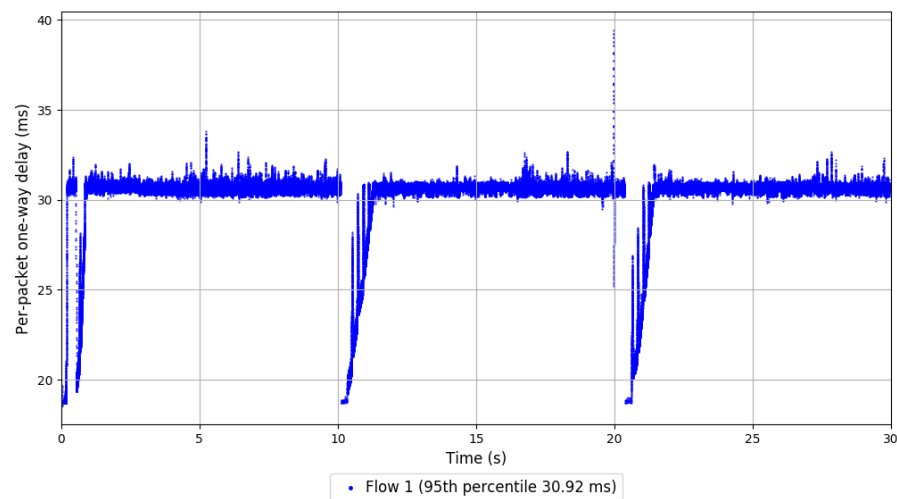
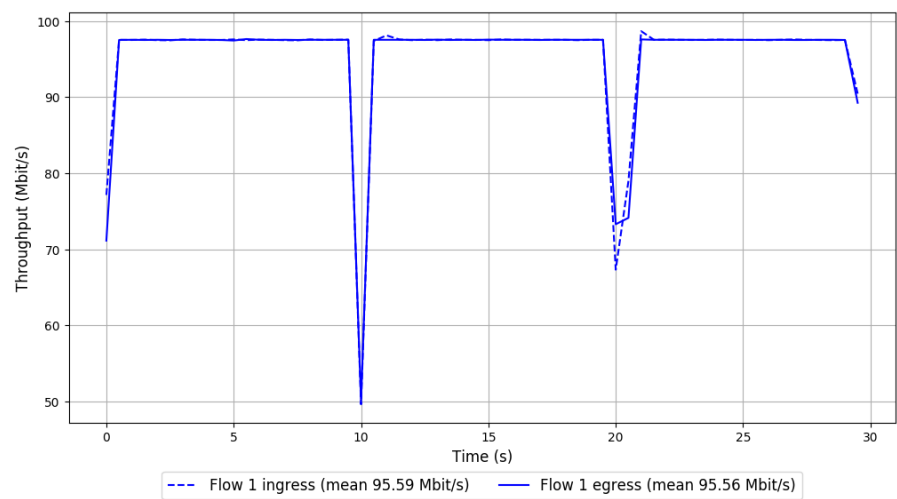
Run 1: Statistics of TCP BBR

Start at: 2017-09-21 19:29:31  
End at: 2017-09-21 19:30:01  
Local clock offset: 0.283 ms  
Remote clock offset: -2.415 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 30.921 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 30.921 ms  
Loss rate: 0.13%



Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

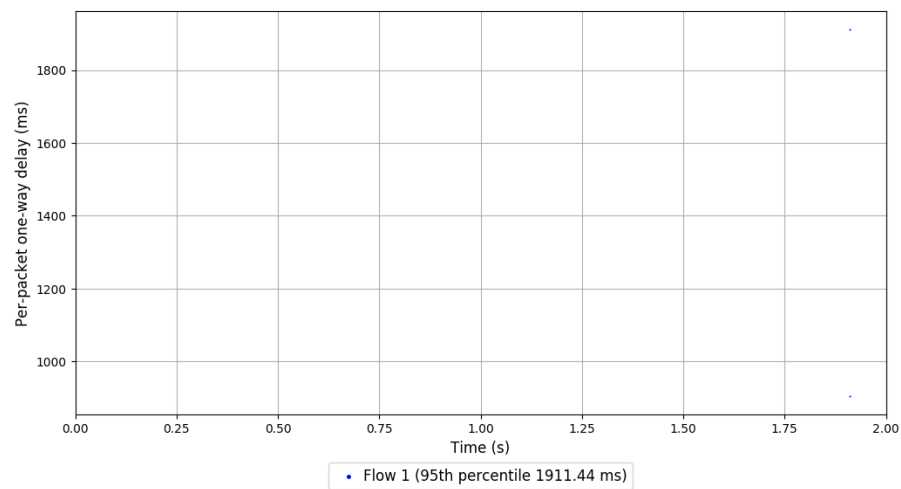
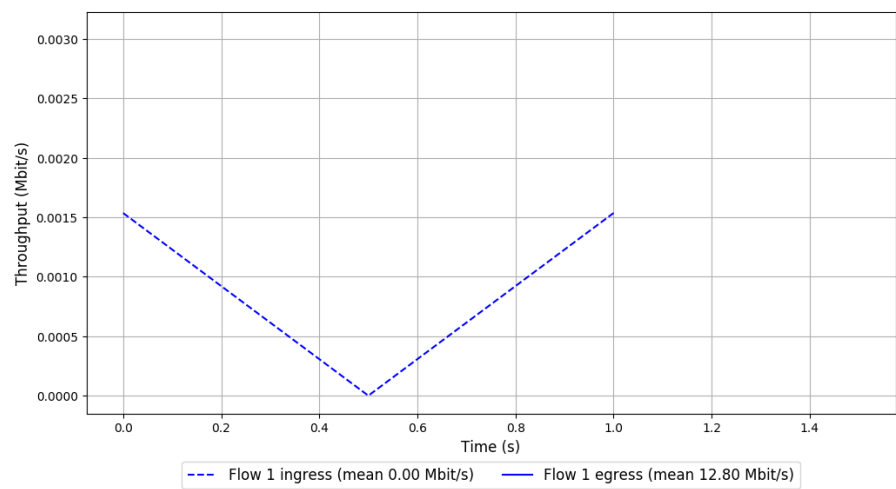
Start at: 2017-09-21 19:46:14

End at: 2017-09-21 19:46:44

Local clock offset: -3.366 ms

Remote clock offset: -2.463 ms

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-21 20:02:52

End at: 2017-09-21 20:03:22

Local clock offset: 0.154 ms

Remote clock offset: -2.43 ms

# Below is generated by plot.py at 2017-09-21 22:20:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 31.710 ms

Loss rate: 0.12%

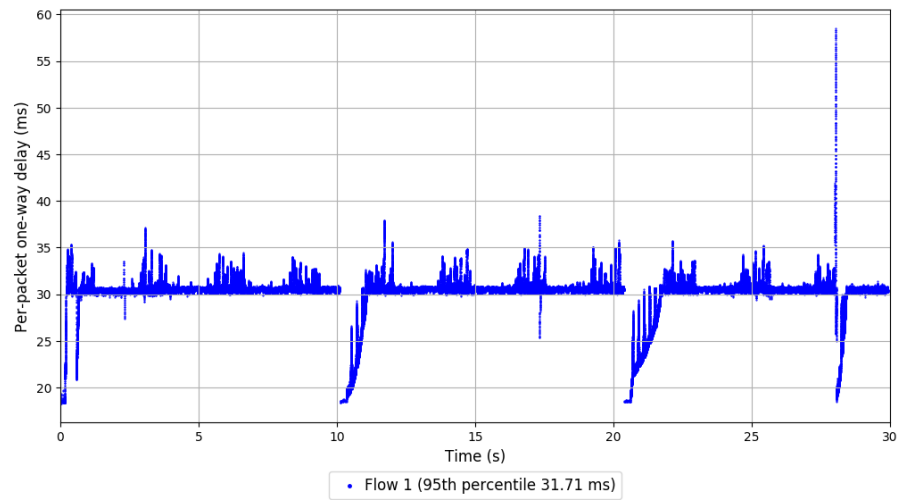
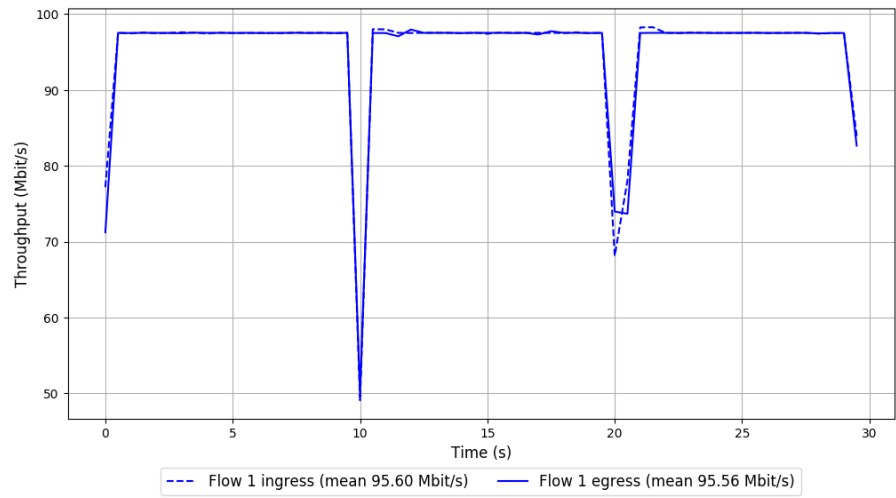
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 31.710 ms

Loss rate: 0.12%

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

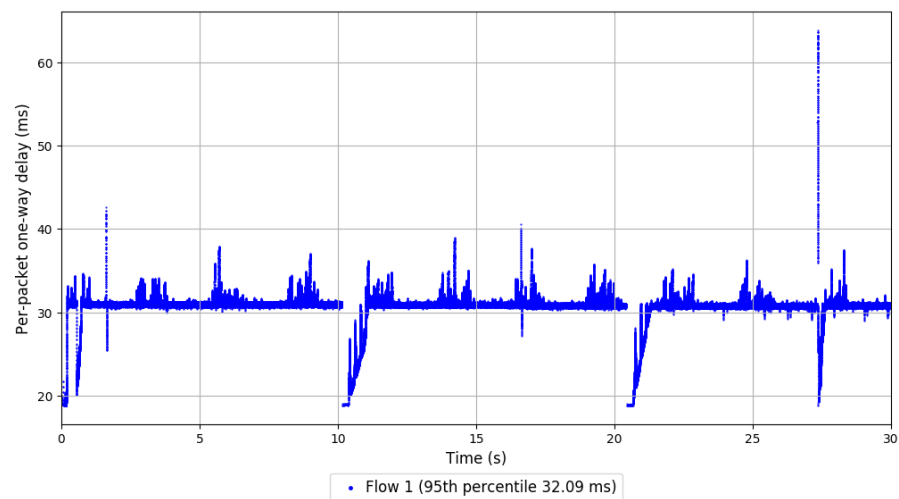
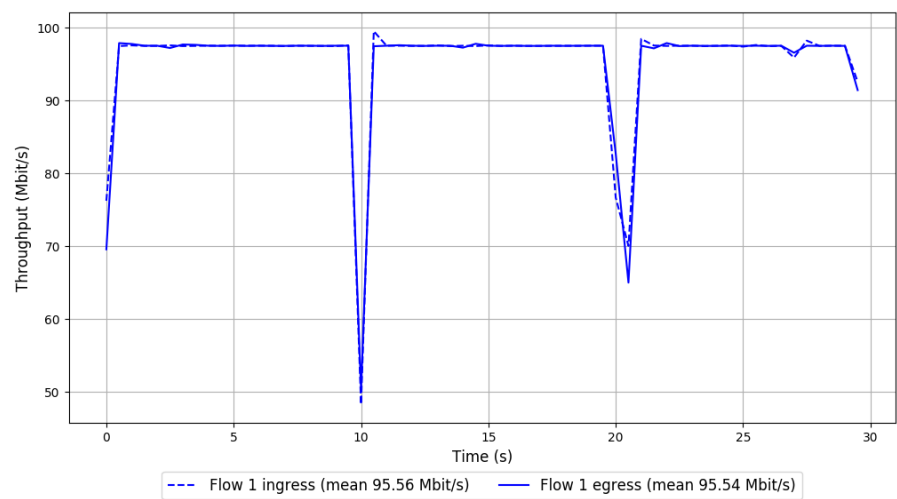


Run 4: Statistics of TCP BBR

Start at: 2017-09-21 20:21:19  
End at: 2017-09-21 20:21:49  
Local clock offset: -0.025 ms  
Remote clock offset: -3.019 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.54 Mbit/s  
95th percentile per-packet one-way delay: 32.088 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 95.54 Mbit/s  
95th percentile per-packet one-way delay: 32.088 ms  
Loss rate: 0.13%

Run 4: Report of TCP BBR — Data Link



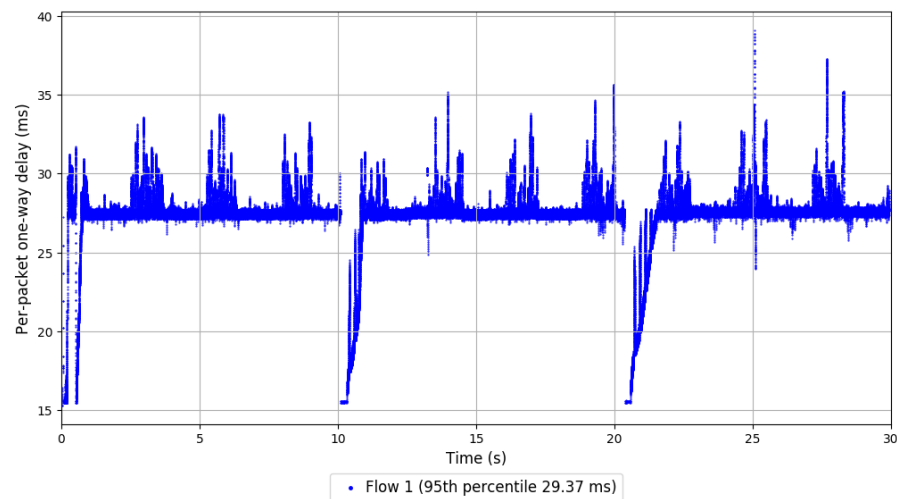
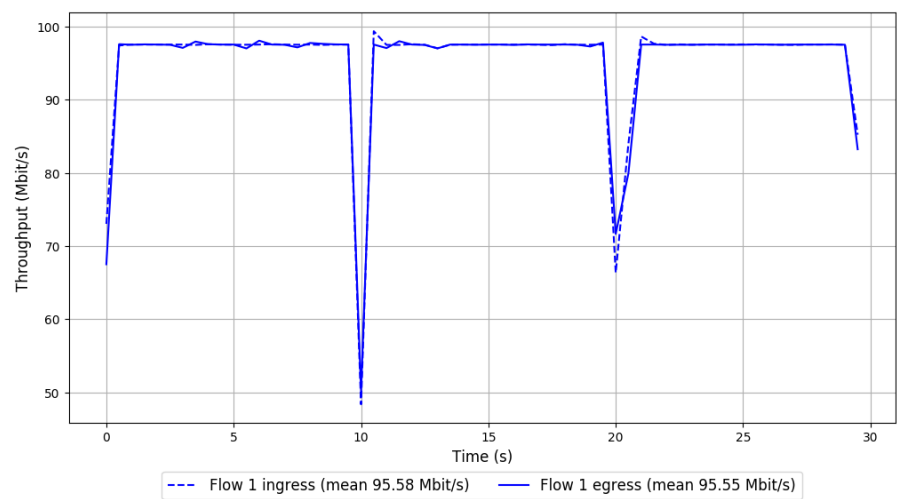
Run 5: Statistics of TCP BBR

Start at: 2017-09-21 20:39:21  
End at: 2017-09-21 20:39:51  
Local clock offset: -2.193 ms  
Remote clock offset: -1.772 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.55 Mbit/s  
95th percentile per-packet one-way delay: 29.369 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 95.55 Mbit/s  
95th percentile per-packet one-way delay: 29.369 ms  
Loss rate: 0.13%



Run 5: Report of TCP BBR — Data Link

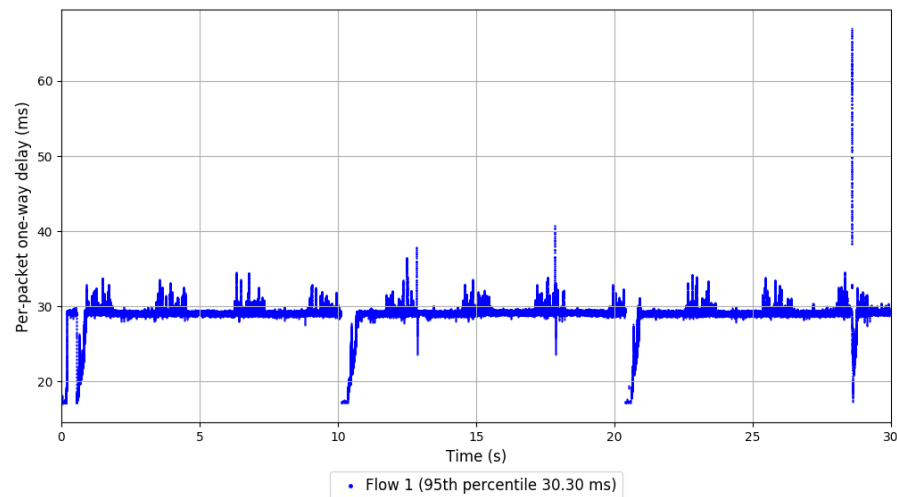
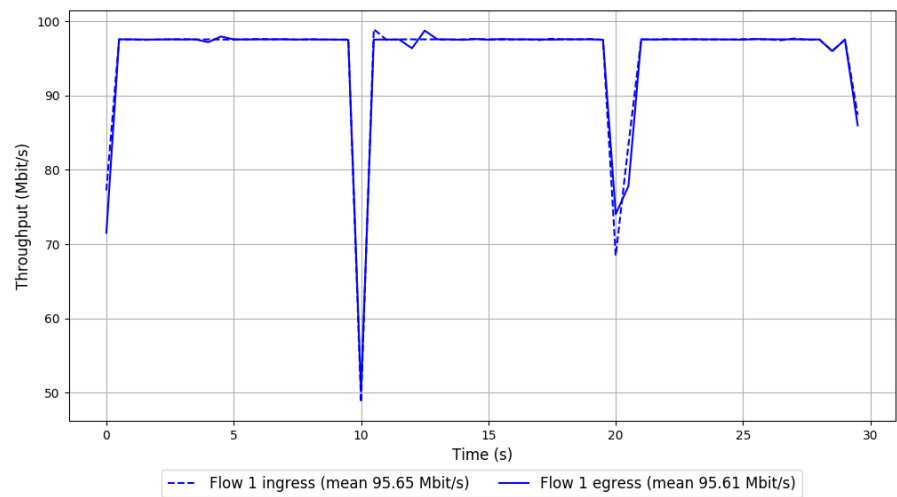


Run 6: Statistics of TCP BBR

Start at: 2017-09-21 20:57:30  
End at: 2017-09-21 20:58:00  
Local clock offset: -0.834 ms  
Remote clock offset: -2.005 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.61 Mbit/s  
95th percentile per-packet one-way delay: 30.301 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.61 Mbit/s  
95th percentile per-packet one-way delay: 30.301 ms  
Loss rate: 0.12%

Run 6: Report of TCP BBR — Data Link

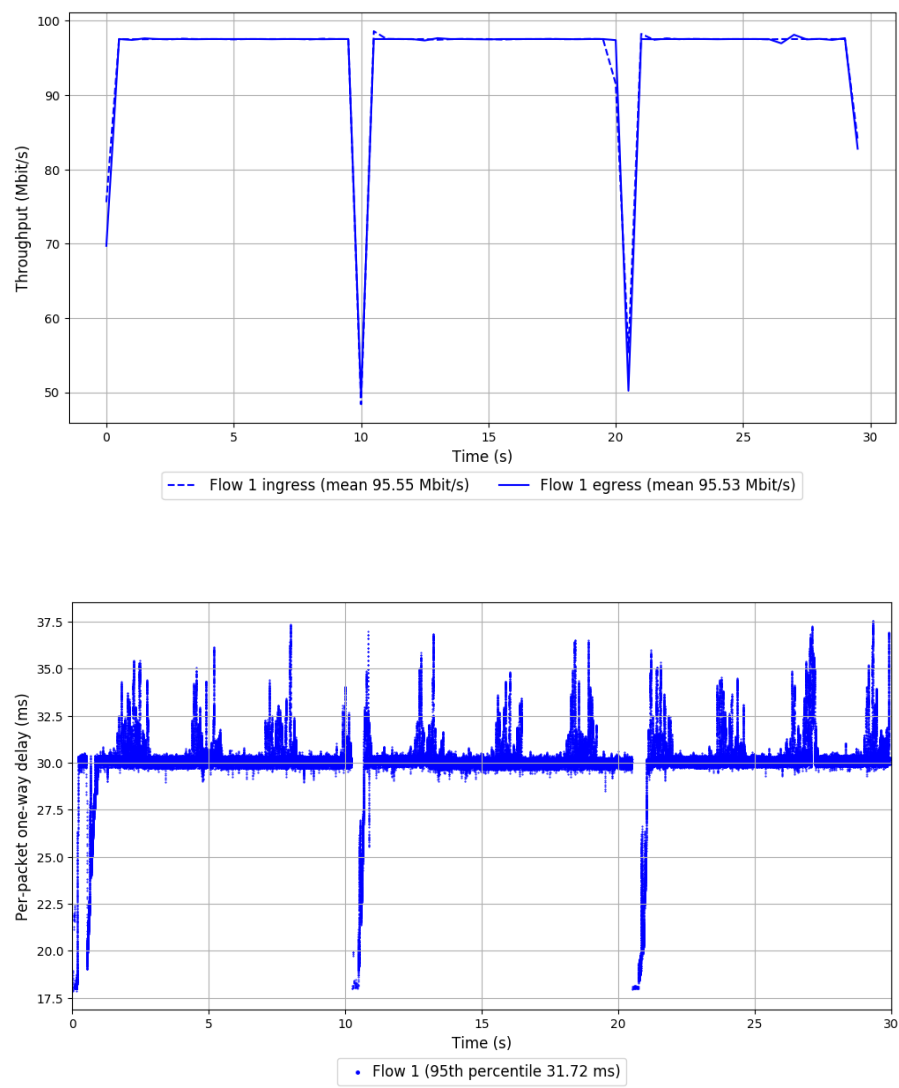


Run 7: Statistics of TCP BBR

Start at: 2017-09-21 21:16:09  
End at: 2017-09-21 21:16:39  
Local clock offset: -0.238 ms  
Remote clock offset: -2.327 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.53 Mbit/s  
95th percentile per-packet one-way delay: 31.720 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 95.53 Mbit/s  
95th percentile per-packet one-way delay: 31.720 ms  
Loss rate: 0.13%

Run 7: Report of TCP BBR — Data Link

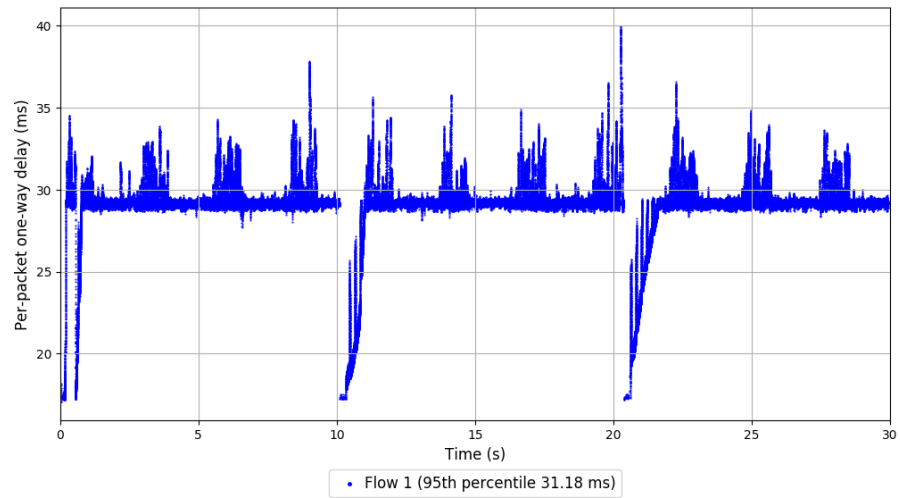
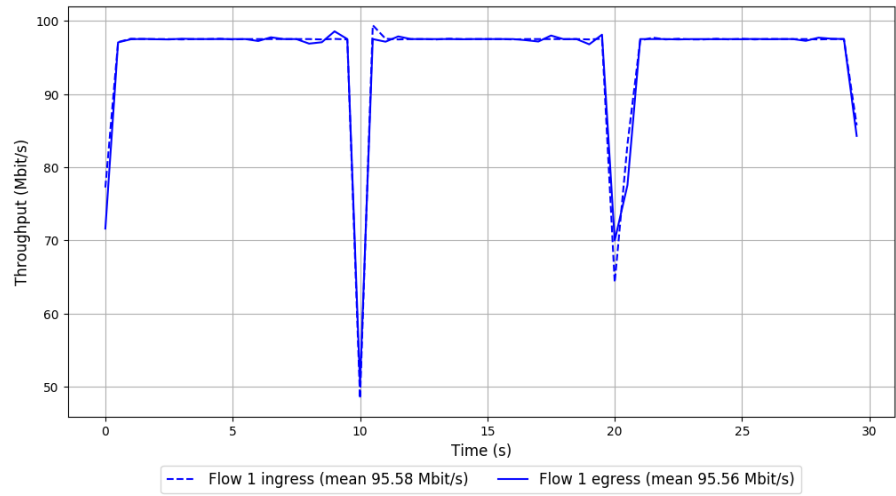


Run 8: Statistics of TCP BBR

Start at: 2017-09-21 21:34:50  
End at: 2017-09-21 21:35:20  
Local clock offset: -1.077 ms  
Remote clock offset: -2.532 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 31.180 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 31.180 ms  
Loss rate: 0.12%

# Run 8: Report of TCP BBR — Data Link



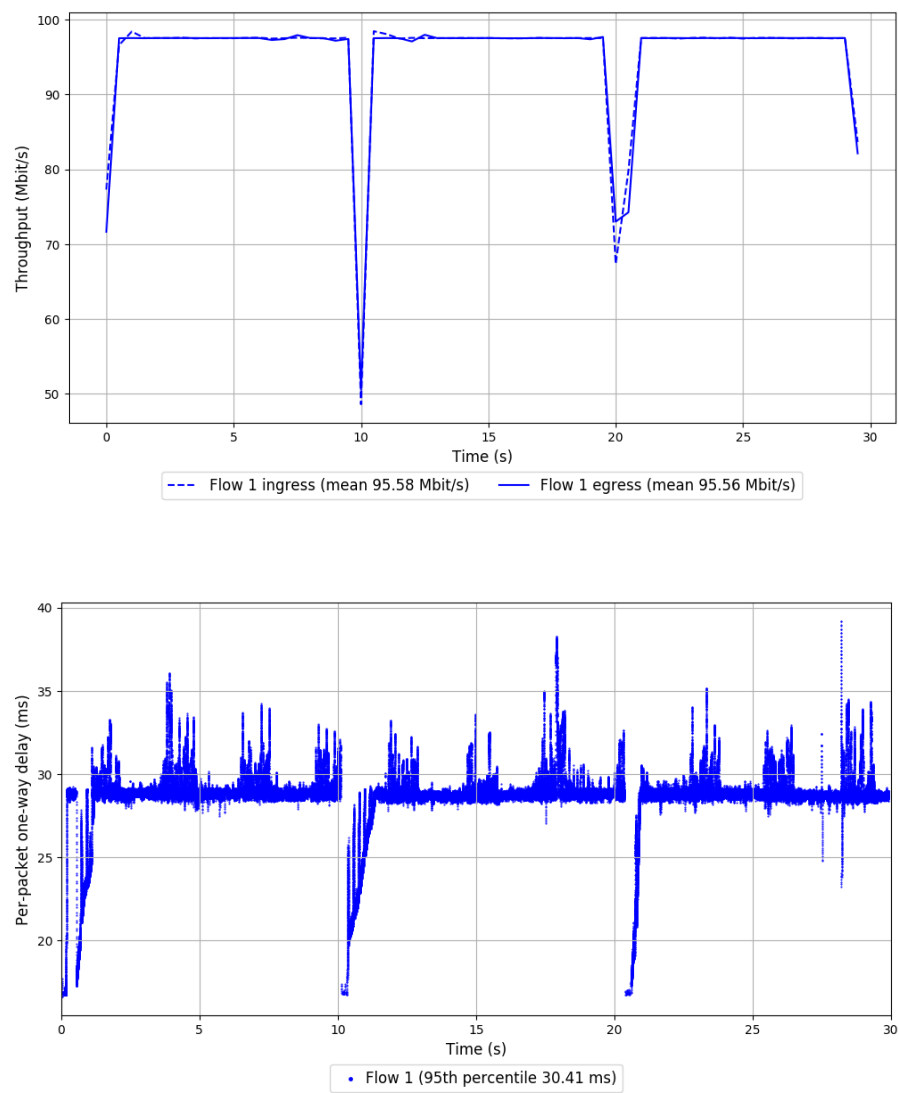
Run 9: Statistics of TCP BBR

Start at: 2017-09-21 21:53:00  
End at: 2017-09-21 21:53:30  
Local clock offset: -1.979 ms  
Remote clock offset: -3.121 ms

# Below is generated by plot.py at 2017-09-21 22:20:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 30.414 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.56 Mbit/s  
95th percentile per-packet one-way delay: 30.414 ms  
Loss rate: 0.12%



Run 9: Report of TCP BBR — Data Link

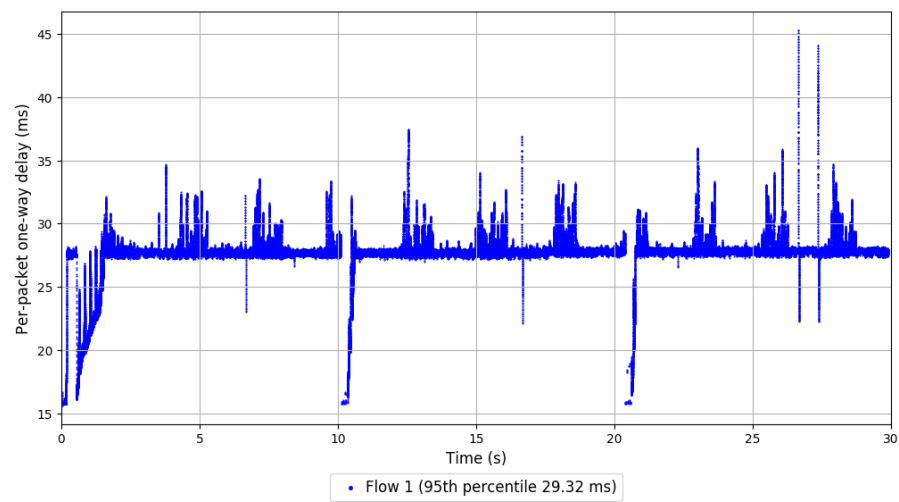
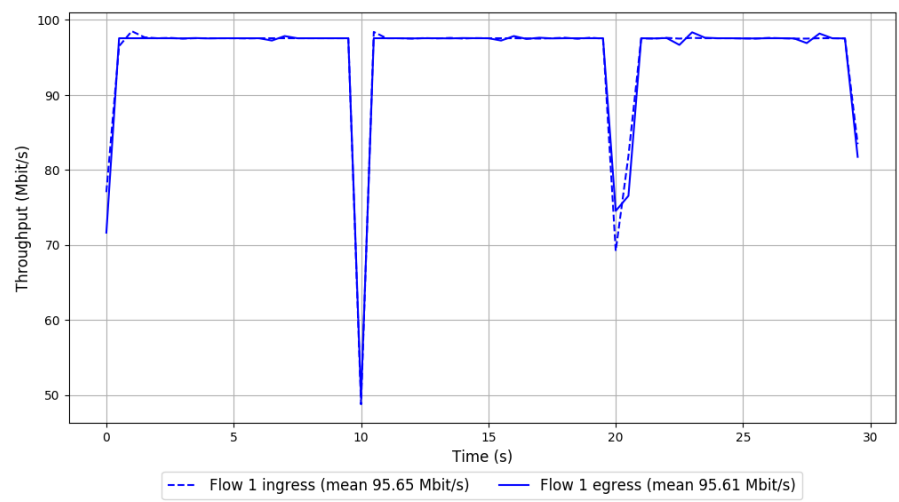


Run 10: Statistics of TCP BBR

Start at: 2017-09-21 22:10:51  
End at: 2017-09-21 22:11:21  
Local clock offset: -1.714 ms  
Remote clock offset: -2.334 ms

# Below is generated by plot.py at 2017-09-21 22:22:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.61 Mbit/s  
95th percentile per-packet one-way delay: 29.323 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.61 Mbit/s  
95th percentile per-packet one-way delay: 29.323 ms  
Loss rate: 0.12%

Run 10: Report of TCP BBR — Data Link

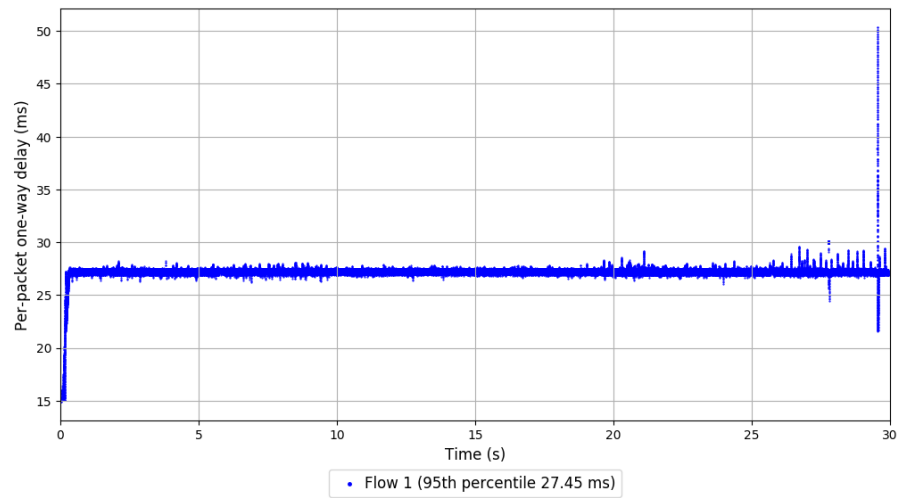
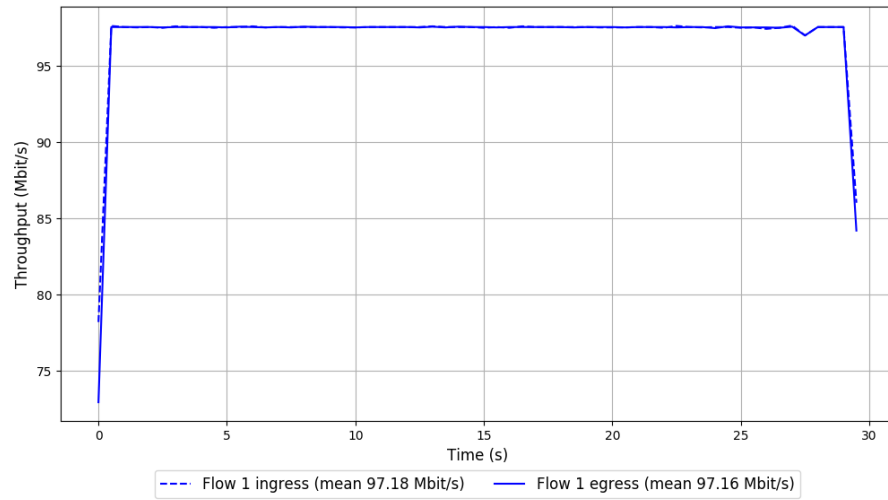


Run 1: Statistics of TCP Cubic

Start at: 2017-09-21 19:24:45  
End at: 2017-09-21 19:25:15  
Local clock offset: -3.322 ms  
Remote clock offset: -2.261 ms

# Below is generated by plot.py at 2017-09-21 22:22:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 27.447 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 27.447 ms  
Loss rate: 0.12%

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

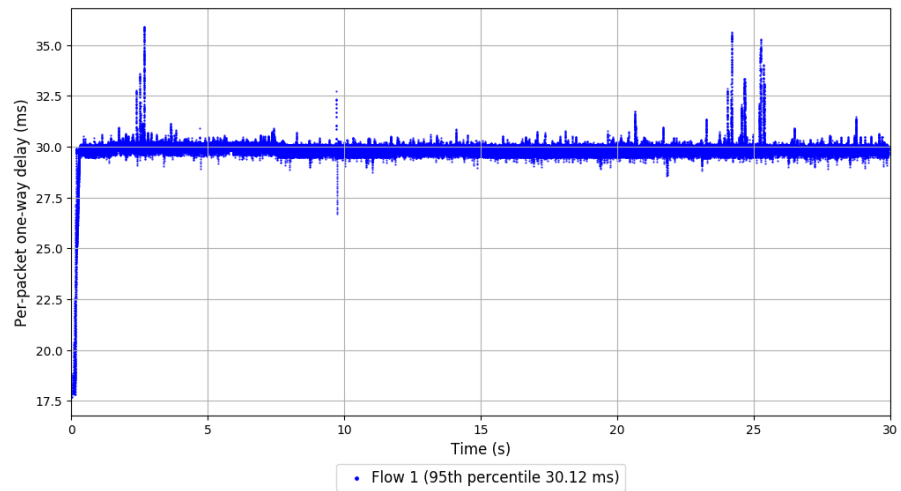
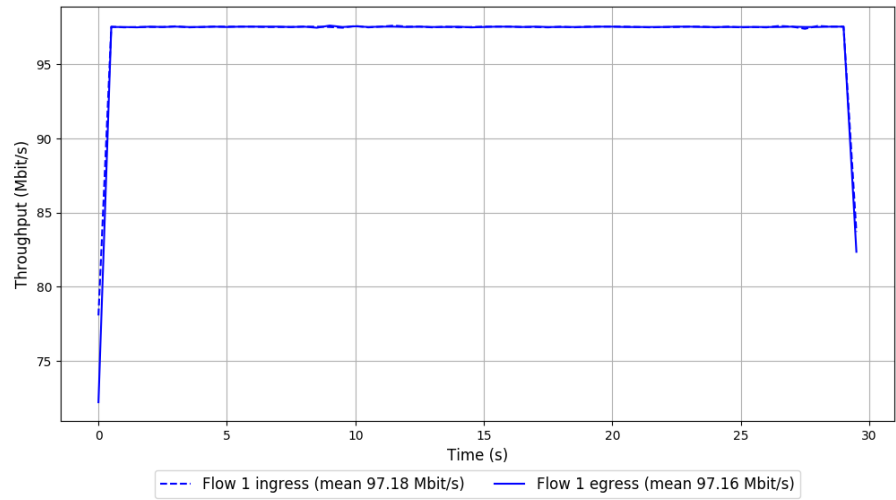


Run 2: Statistics of TCP Cubic

Start at: 2017-09-21 19:41:33  
End at: 2017-09-21 19:42:03  
Local clock offset: -0.297 ms  
Remote clock offset: -2.255 ms

# Below is generated by plot.py at 2017-09-21 22:22:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 30.116 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 30.116 ms  
Loss rate: 0.12%

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



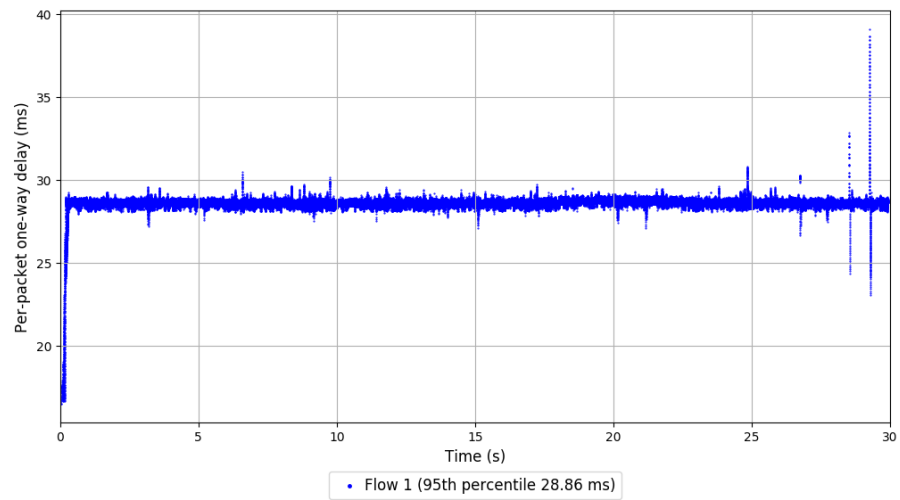
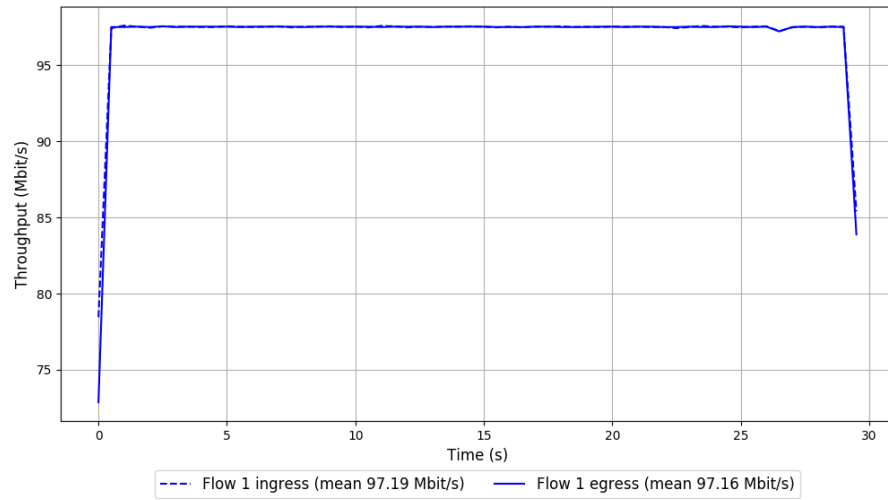
Run 3: Statistics of TCP Cubic

Start at: 2017-09-21 19:57:54  
End at: 2017-09-21 19:58:24  
Local clock offset: -1.783 ms  
Remote clock offset: -2.595 ms

# Below is generated by plot.py at 2017-09-21 22:22:20  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 28.860 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 28.860 ms  
Loss rate: 0.12%



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

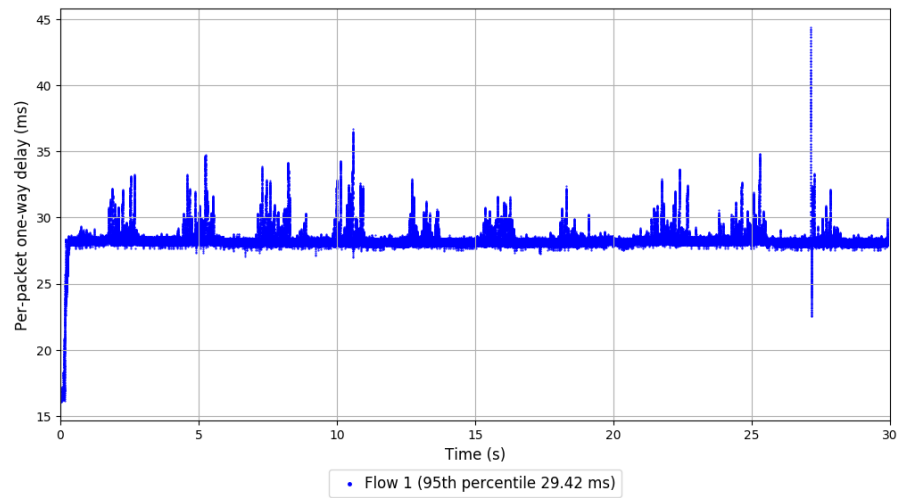
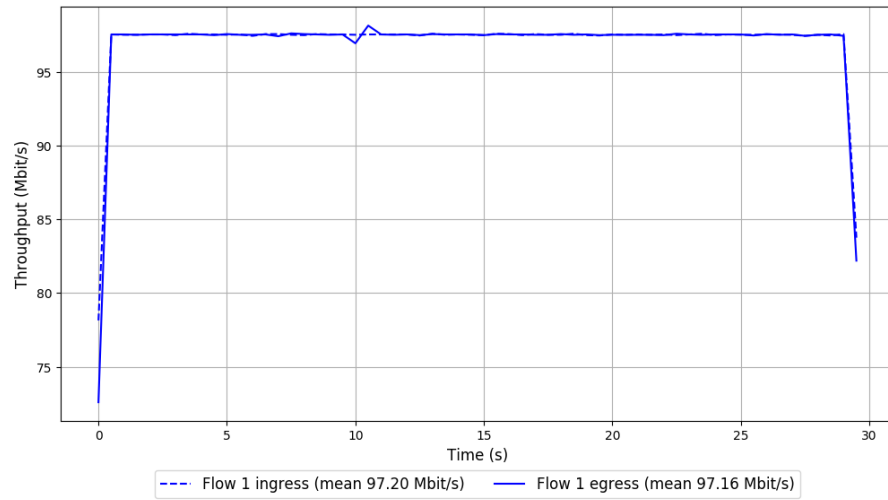


Run 4: Statistics of TCP Cubic

Start at: 2017-09-21 20:16:11  
End at: 2017-09-21 20:16:42  
Local clock offset: -2.596 ms  
Remote clock offset: -2.911 ms

# Below is generated by plot.py at 2017-09-21 22:22:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 29.421 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 29.421 ms  
Loss rate: 0.12%

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

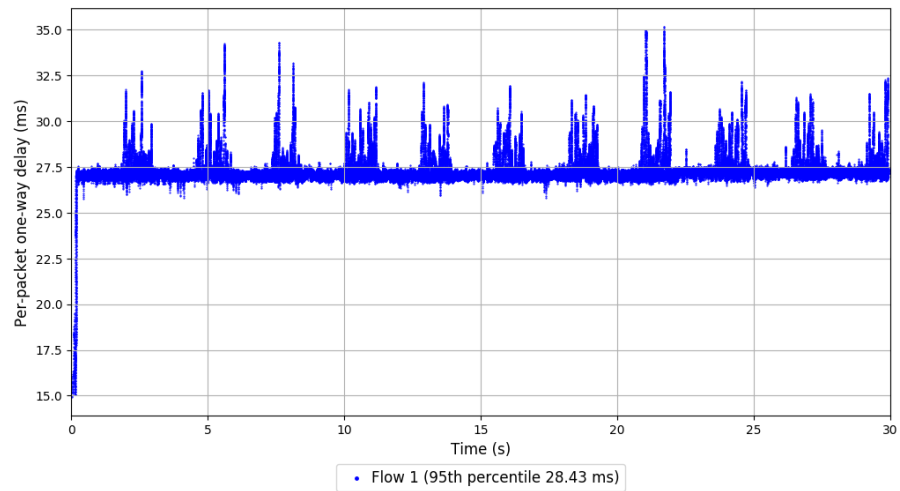
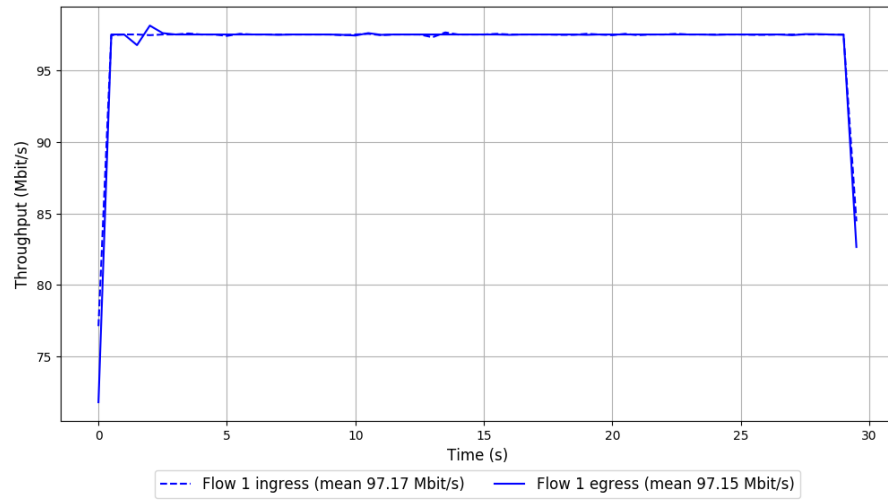


Run 5: Statistics of TCP Cubic

Start at: 2017-09-21 20:34:04  
End at: 2017-09-21 20:34:34  
Local clock offset: -2.398 ms  
Remote clock offset: -1.627 ms

# Below is generated by plot.py at 2017-09-21 22:22:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 28.433 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 28.433 ms  
Loss rate: 0.12%

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

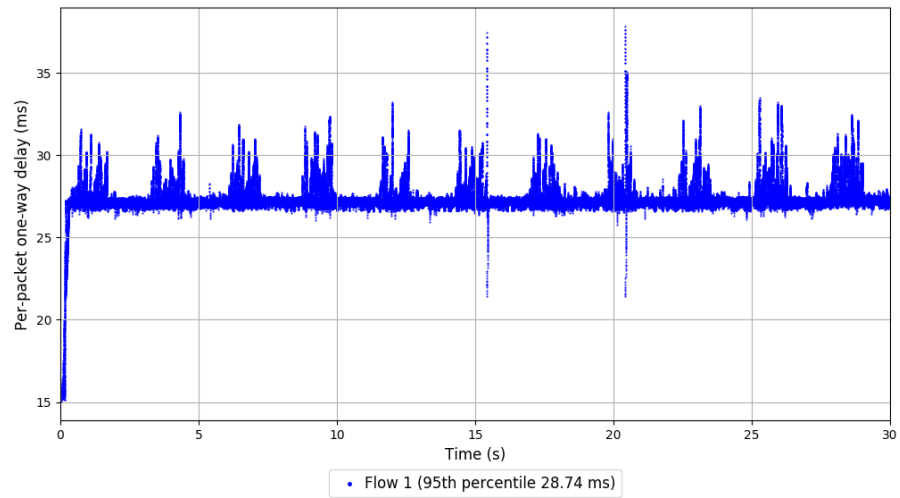
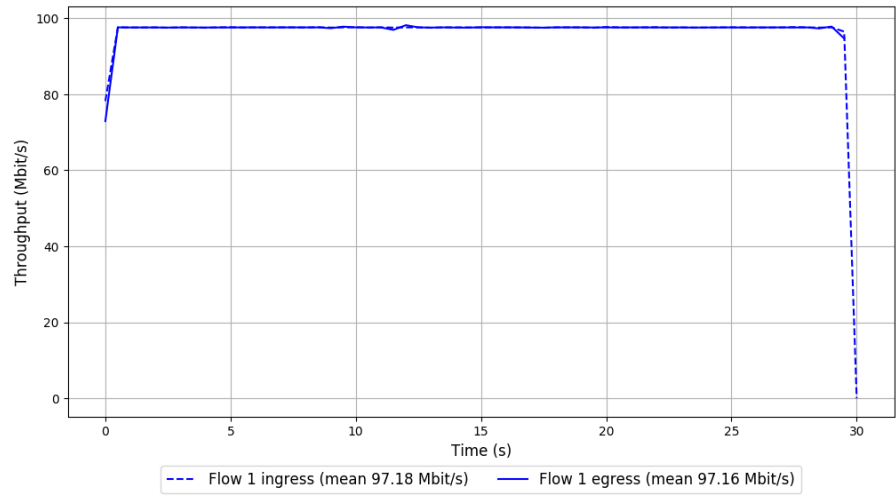


Run 6: Statistics of TCP Cubic

Start at: 2017-09-21 20:52:31  
End at: 2017-09-21 20:53:01  
Local clock offset: -2.63 ms  
Remote clock offset: -1.865 ms

# Below is generated by plot.py at 2017-09-21 22:22:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 28.739 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.16 Mbit/s  
95th percentile per-packet one-way delay: 28.739 ms  
Loss rate: 0.12%

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



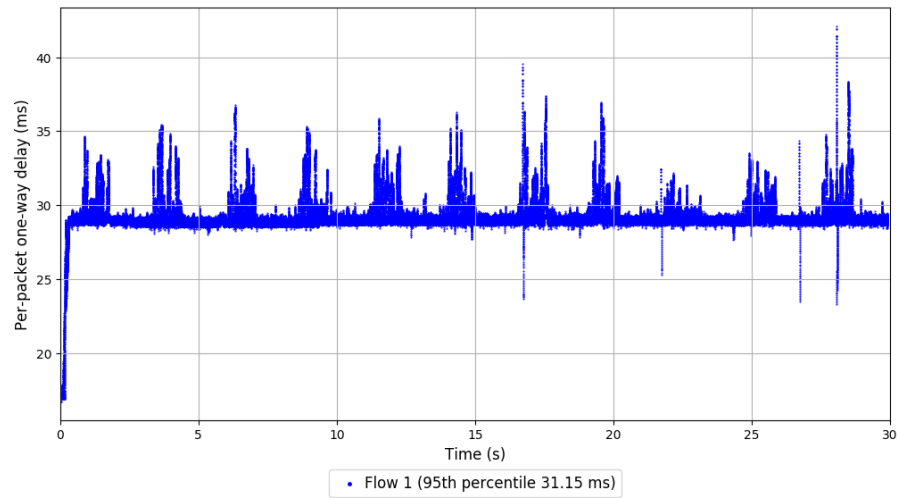
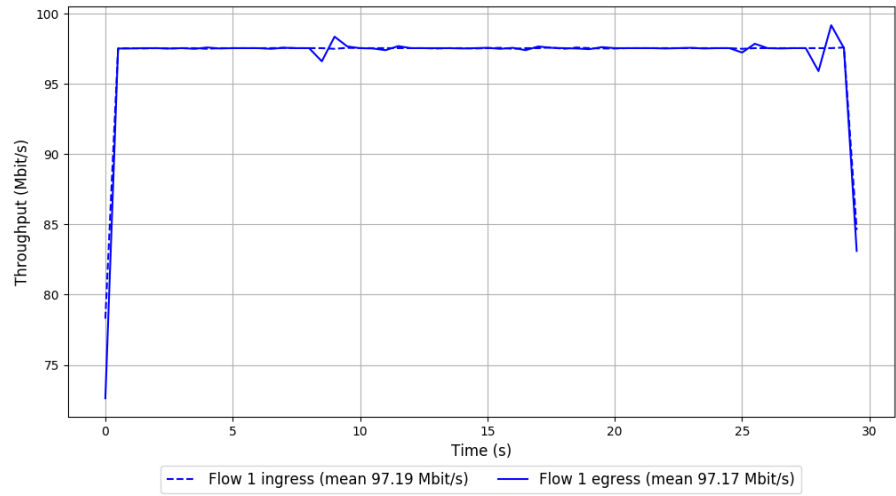
Run 7: Statistics of TCP Cubic

Start at: 2017-09-21 21:10:50  
End at: 2017-09-21 21:11:20  
Local clock offset: -1.213 ms  
Remote clock offset: -2.174 ms

# Below is generated by plot.py at 2017-09-21 22:22:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 31.150 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.17 Mbit/s  
95th percentile per-packet one-way delay: 31.150 ms  
Loss rate: 0.12%



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

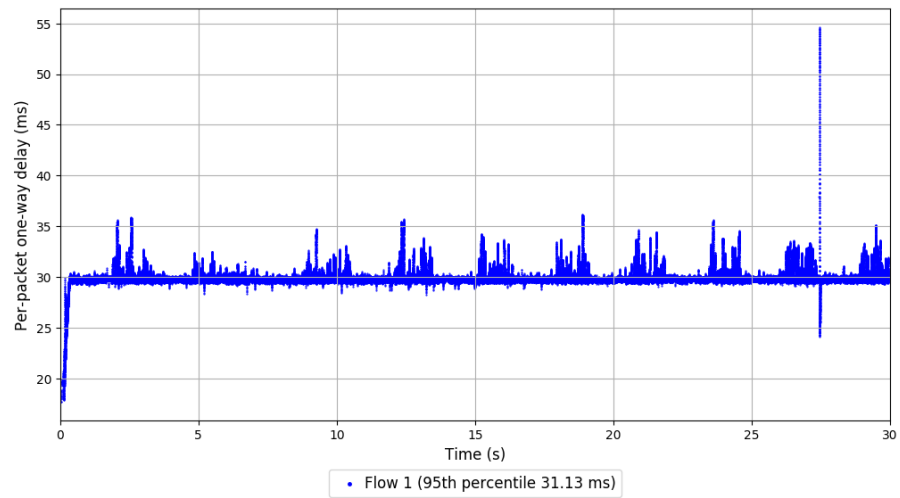
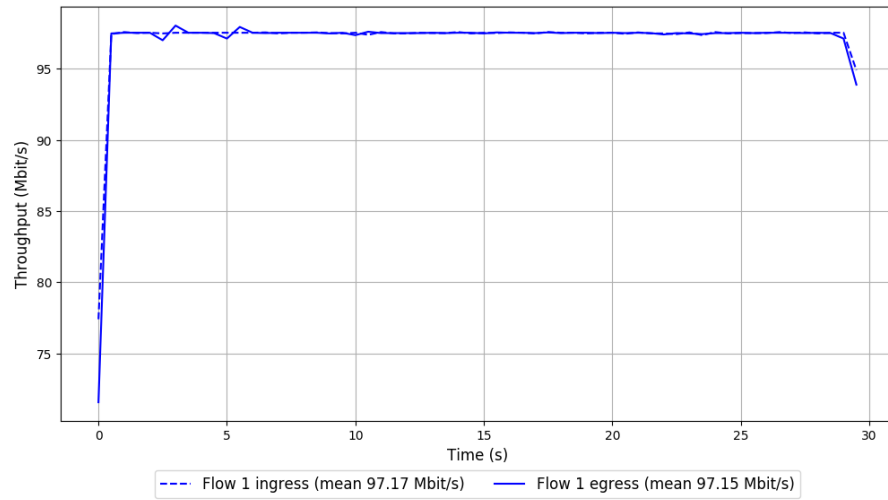


Run 8: Statistics of TCP Cubic

Start at: 2017-09-21 21:29:37  
End at: 2017-09-21 21:30:07  
Local clock offset: -0.468 ms  
Remote clock offset: -2.477 ms

# Below is generated by plot.py at 2017-09-21 22:23:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 31.133 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 31.133 ms  
Loss rate: 0.12%

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

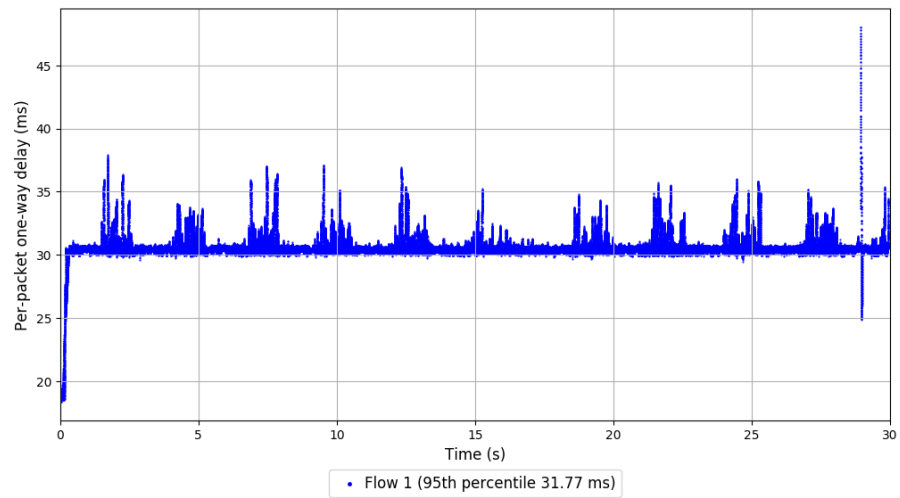
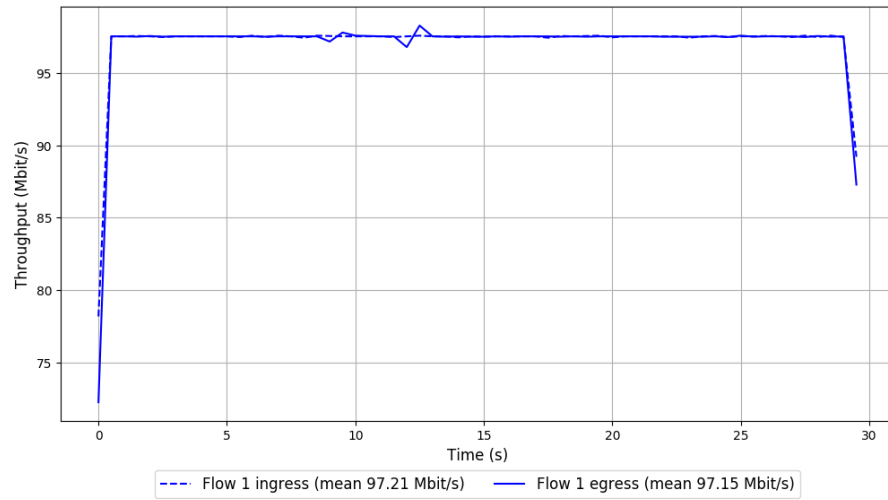


Run 9: Statistics of TCP Cubic

Start at: 2017-09-21 21:47:47  
End at: 2017-09-21 21:48:17  
Local clock offset: 0.354 ms  
Remote clock offset: -2.395 ms

# Below is generated by plot.py at 2017-09-21 22:23:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 31.772 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 97.15 Mbit/s  
95th percentile per-packet one-way delay: 31.772 ms  
Loss rate: 0.14%

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



Run 10: Statistics of TCP Cubic

Start at: 2017-09-21 22:06:00

End at: 2017-09-21 22:06:30

Local clock offset: -1.869 ms

Remote clock offset: -3.198 ms

# Below is generated by plot.py at 2017-09-21 22:23:47

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 31.069 ms

Loss rate: 0.12%

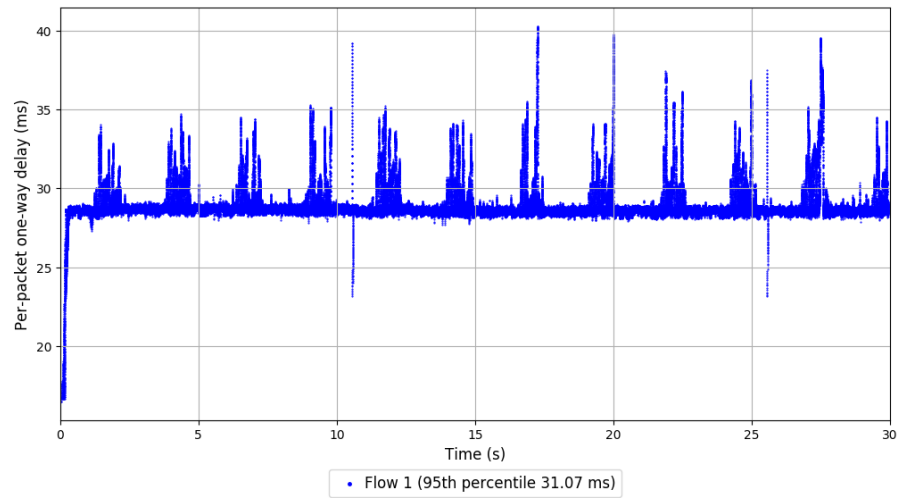
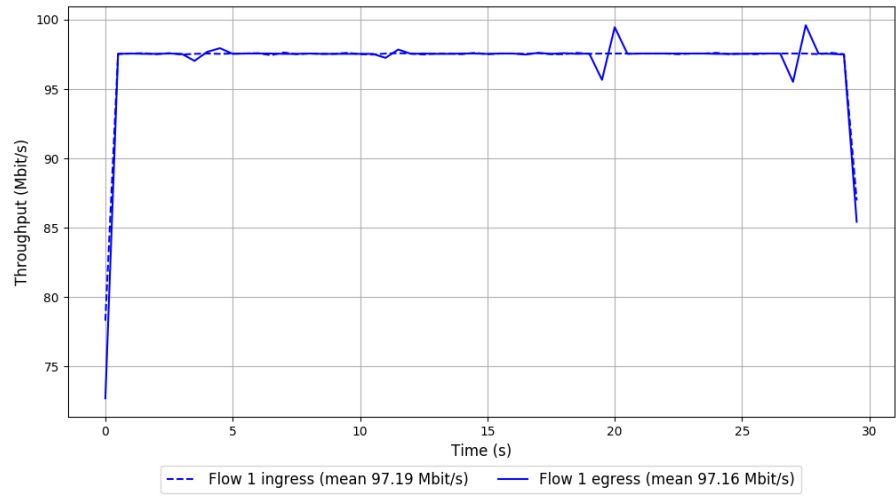
-- Flow 1:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 31.069 ms

Loss rate: 0.12%

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



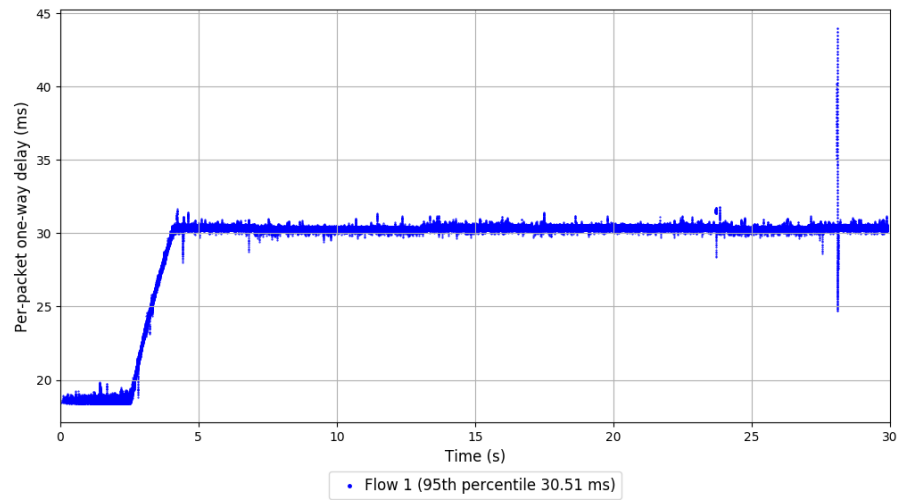
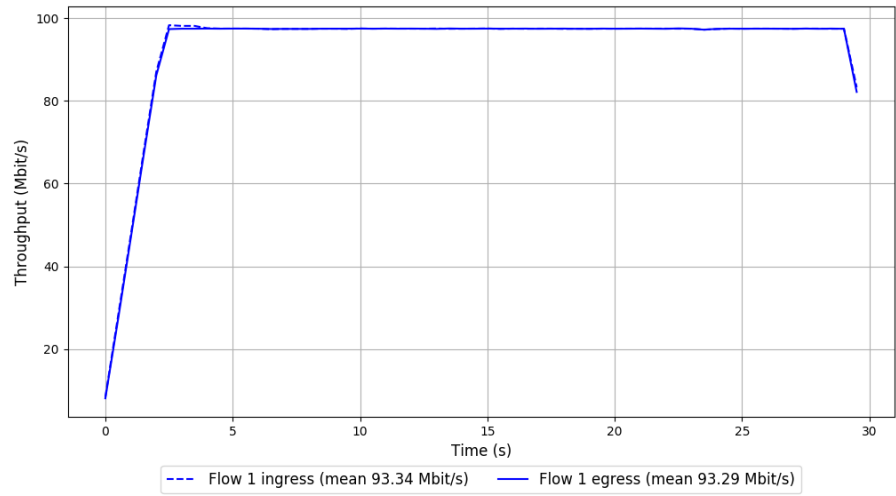
```
Run 1: Statistics of LEDBAT

Start at: 2017-09-21 19:35:37
End at: 2017-09-21 19:36:07
Local clock offset: -0.181 ms
Remote clock offset: -2.69 ms

# Below is generated by plot.py at 2017-09-21 22:23:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 30.513 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 30.513 ms
Loss rate: 0.13%
```



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

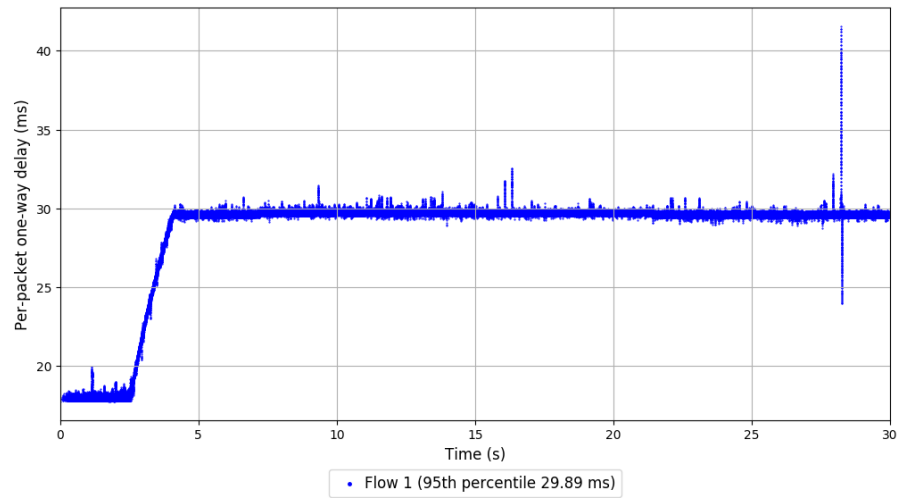
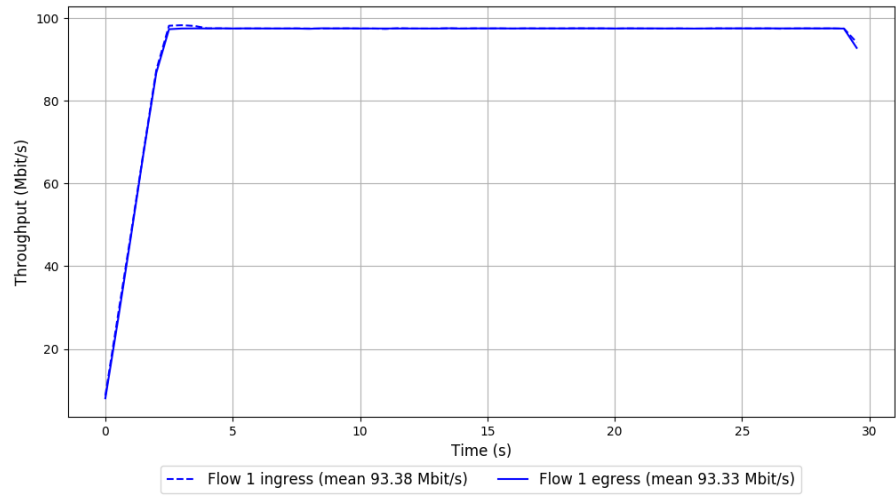


Run 2: Statistics of LEDBAT

Start at: 2017-09-21 19:52:05  
End at: 2017-09-21 19:52:35  
Local clock offset: -1.071 ms  
Remote clock offset: -3.031 ms

# Below is generated by plot.py at 2017-09-21 22:23:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.33 Mbit/s  
95th percentile per-packet one-way delay: 29.888 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.33 Mbit/s  
95th percentile per-packet one-way delay: 29.888 ms  
Loss rate: 0.13%

## Run 2: Report of LEDBAT — Data Link

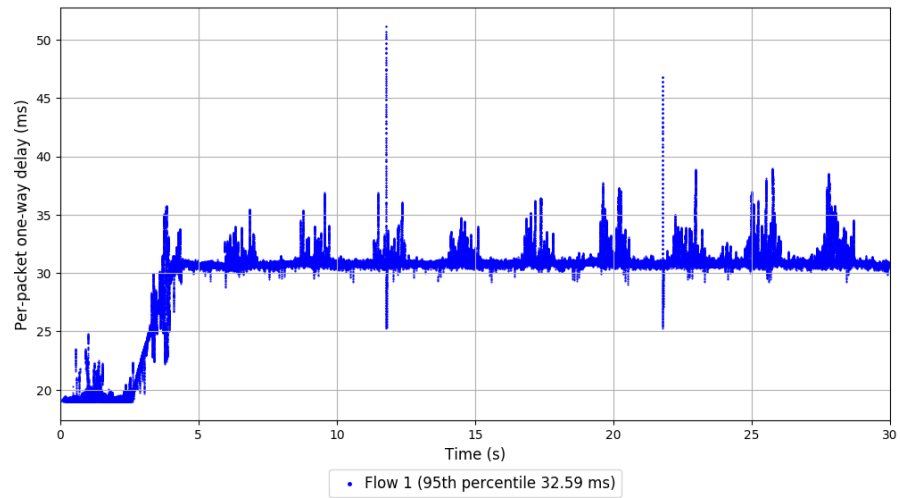
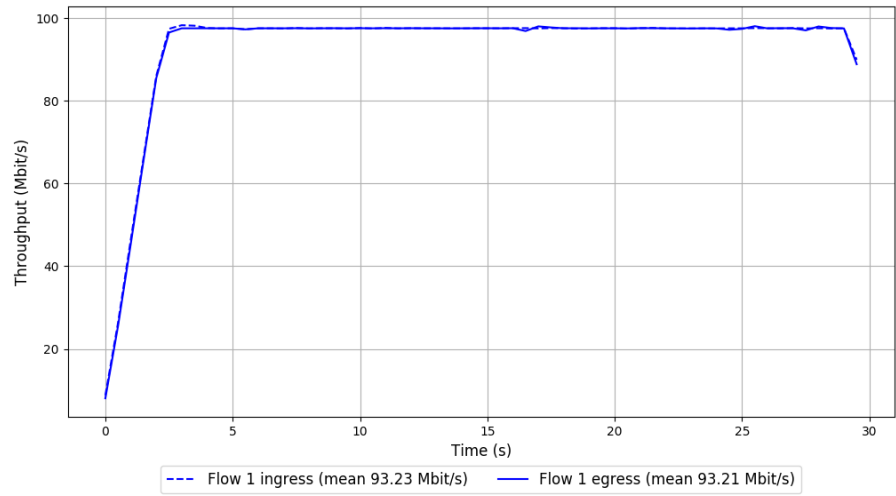


Run 3: Statistics of LEDBAT

Start at: 2017-09-21 20:09:49  
End at: 2017-09-21 20:10:19  
Local clock offset: 0.705 ms  
Remote clock offset: -2.469 ms

# Below is generated by plot.py at 2017-09-21 22:23:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.21 Mbit/s  
95th percentile per-packet one-way delay: 32.585 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.21 Mbit/s  
95th percentile per-packet one-way delay: 32.585 ms  
Loss rate: 0.13%

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

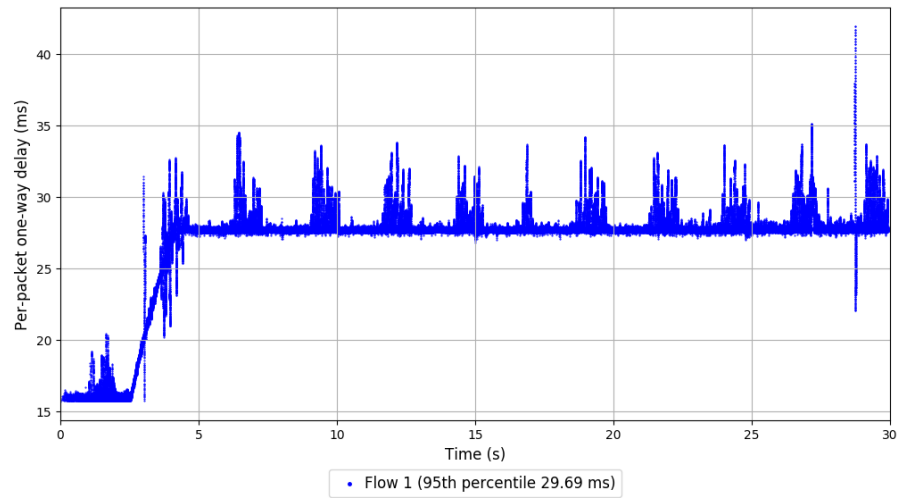
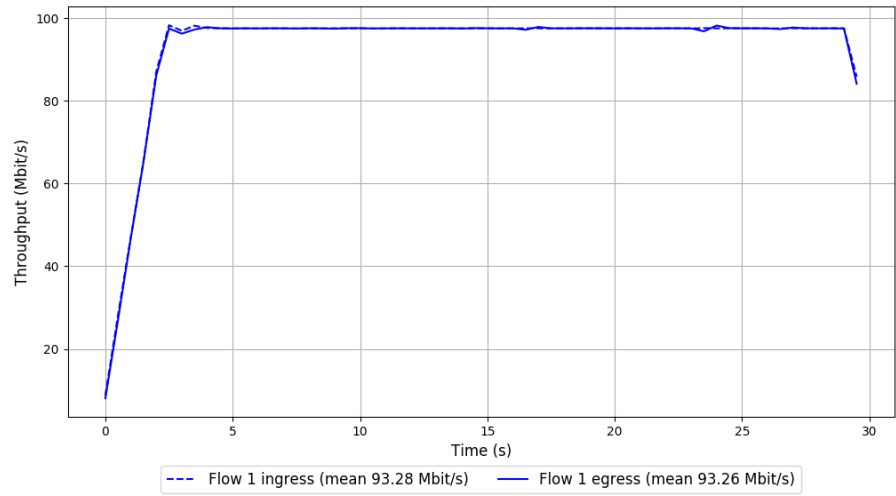


Run 4: Statistics of LEDBAT

Start at: 2017-09-21 20:27:57  
End at: 2017-09-21 20:28:27  
Local clock offset: -2.484 ms  
Remote clock offset: -2.407 ms

# Below is generated by plot.py at 2017-09-21 22:23:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: 29.692 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: 29.692 ms  
Loss rate: 0.13%

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



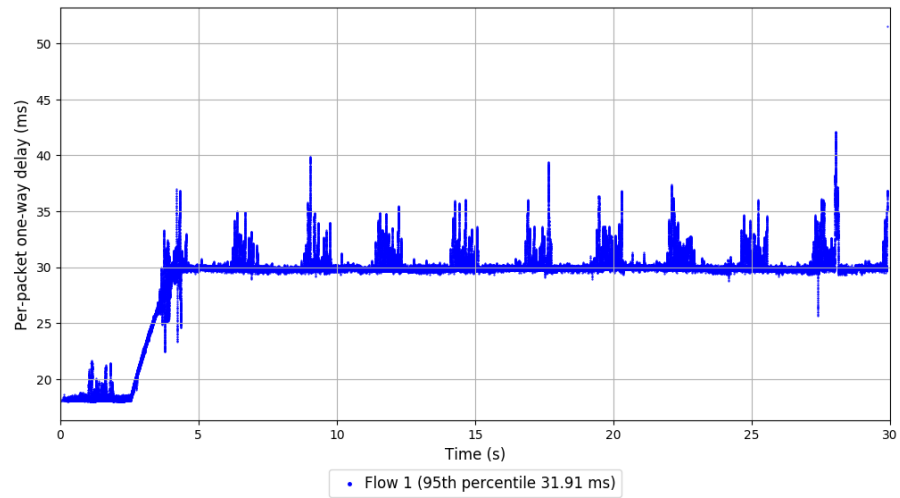
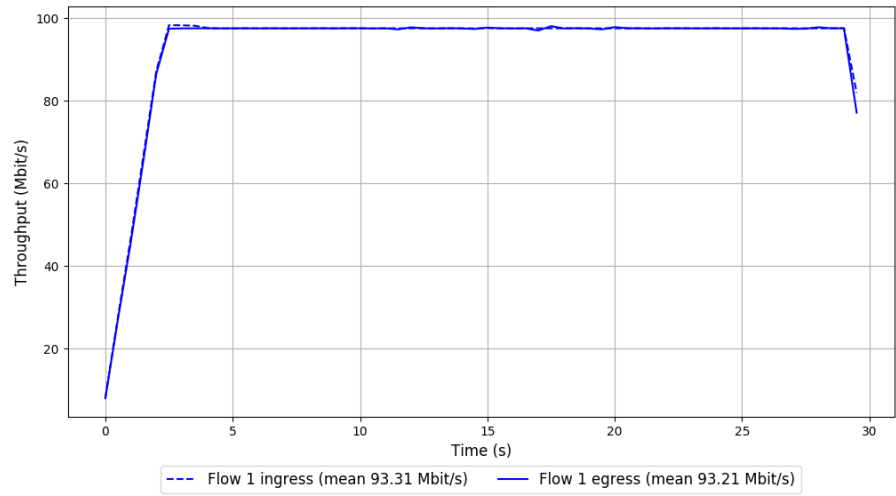
Run 5: Statistics of LEDBAT

Start at: 2017-09-21 20:46:02  
End at: 2017-09-21 20:46:32  
Local clock offset: 0.827 ms  
Remote clock offset: -1.282 ms

# Below is generated by plot.py at 2017-09-21 22:23:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.21 Mbit/s  
95th percentile per-packet one-way delay: 31.910 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 93.21 Mbit/s  
95th percentile per-packet one-way delay: 31.910 ms  
Loss rate: 0.19%



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

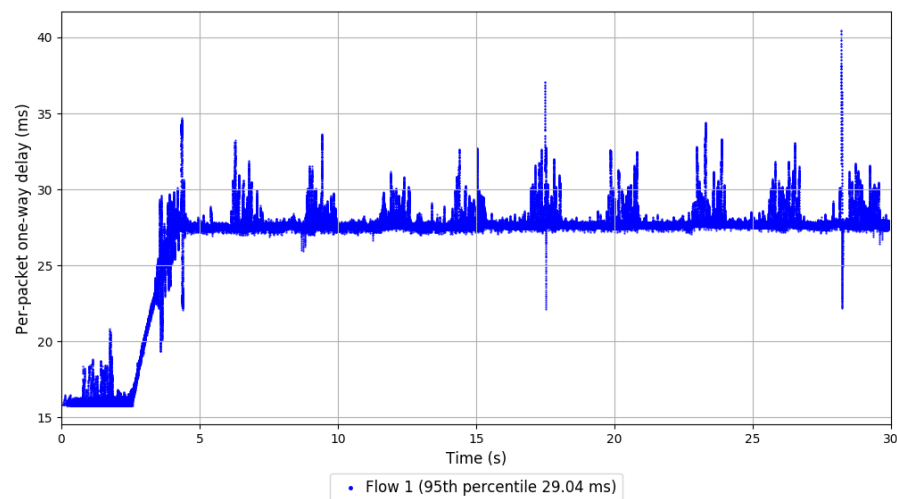
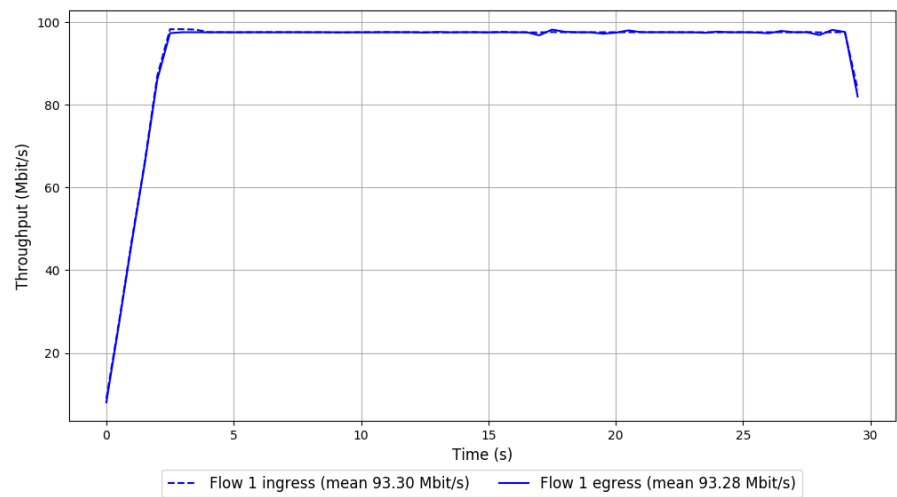


Run 6: Statistics of LEDBAT

Start at: 2017-09-21 21:04:26  
End at: 2017-09-21 21:04:56  
Local clock offset: -2.61 ms  
Remote clock offset: -2.504 ms

# Below is generated by plot.py at 2017-09-21 22:25:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.28 Mbit/s  
95th percentile per-packet one-way delay: 29.038 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.28 Mbit/s  
95th percentile per-packet one-way delay: 29.038 ms  
Loss rate: 0.13%

Run 6: Report of LEDBAT — Data Link

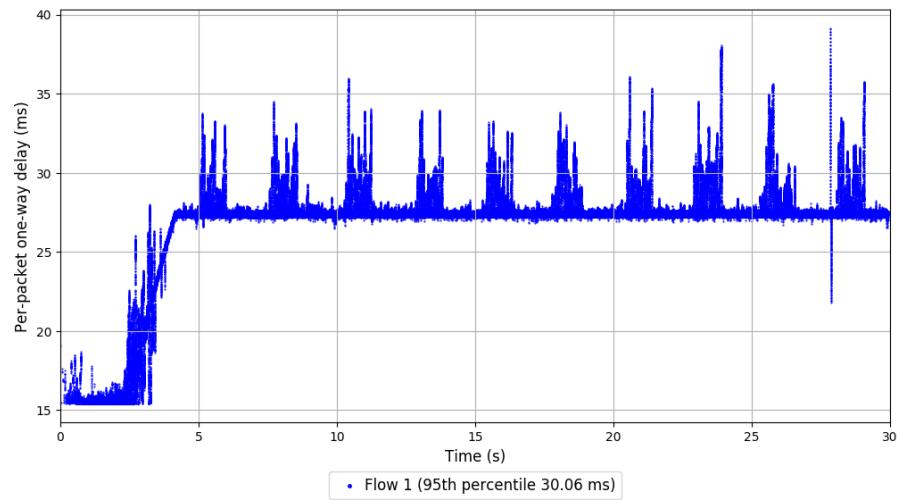
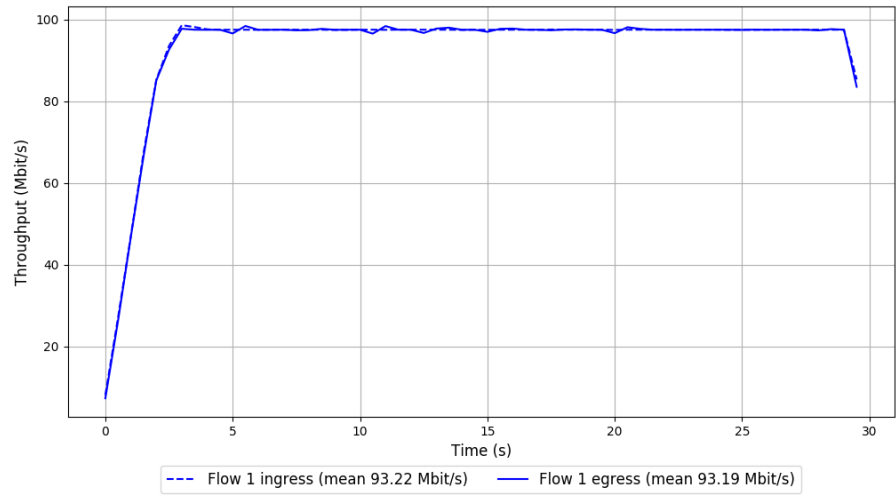


Run 7: Statistics of LEDBAT

Start at: 2017-09-21 21:23:12  
End at: 2017-09-21 21:23:42  
Local clock offset: -2.529 ms  
Remote clock offset: -2.106 ms

# Below is generated by plot.py at 2017-09-21 22:25:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.19 Mbit/s  
95th percentile per-packet one-way delay: 30.060 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.19 Mbit/s  
95th percentile per-packet one-way delay: 30.060 ms  
Loss rate: 0.13%

## Run 7: Report of LEDBAT — Data Link

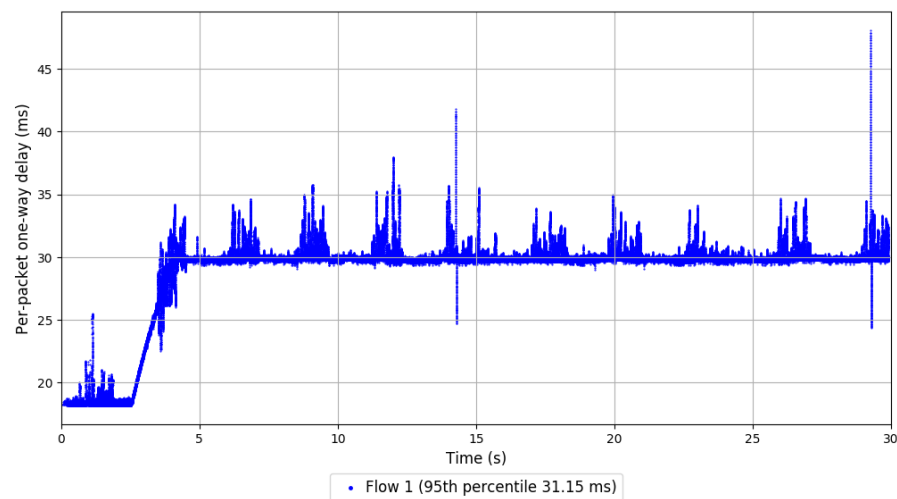
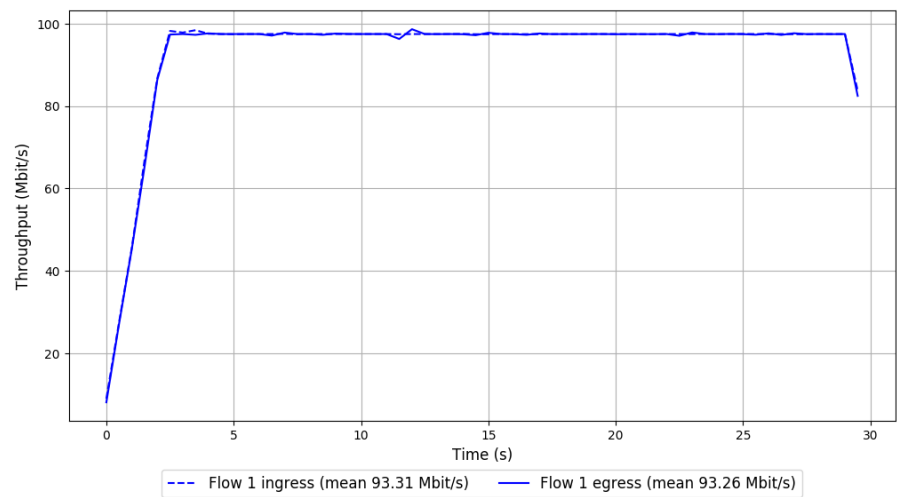


Run 8: Statistics of LEDBAT

Start at: 2017-09-21 21:41:32  
End at: 2017-09-21 21:42:02  
Local clock offset: -0.419 ms  
Remote clock offset: -2.881 ms

# Below is generated by plot.py at 2017-09-21 22:25:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: 31.149 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.26 Mbit/s  
95th percentile per-packet one-way delay: 31.149 ms  
Loss rate: 0.13%

Run 8: Report of LEDBAT — Data Link



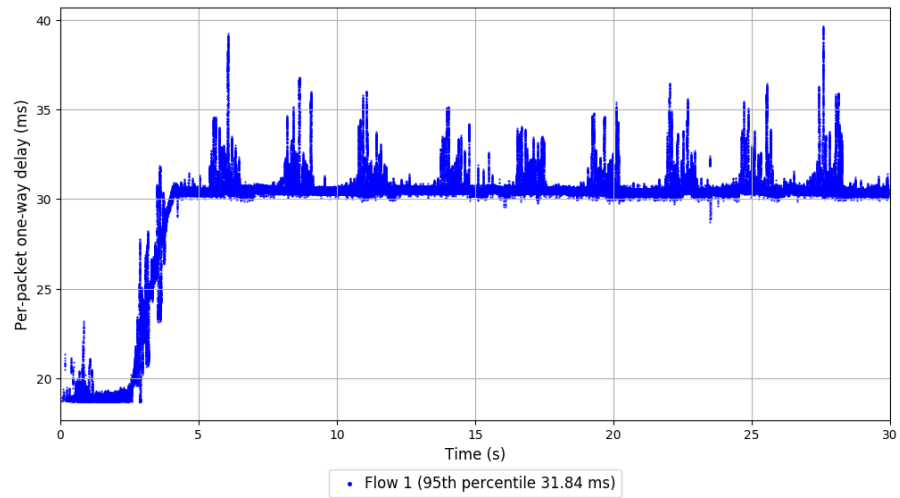
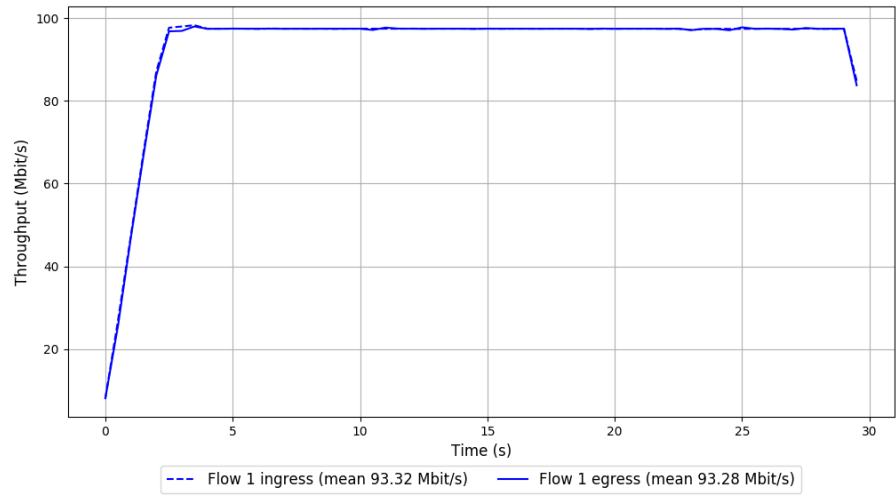
Run 9: Statistics of LEDBAT

Start at: 2017-09-21 21:59:31  
End at: 2017-09-21 22:00:01  
Local clock offset: 0.06 ms  
Remote clock offset: -3.202 ms

# Below is generated by plot.py at 2017-09-21 22:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.28 Mbit/s  
95th percentile per-packet one-way delay: 31.843 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.28 Mbit/s  
95th percentile per-packet one-way delay: 31.843 ms  
Loss rate: 0.13%



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

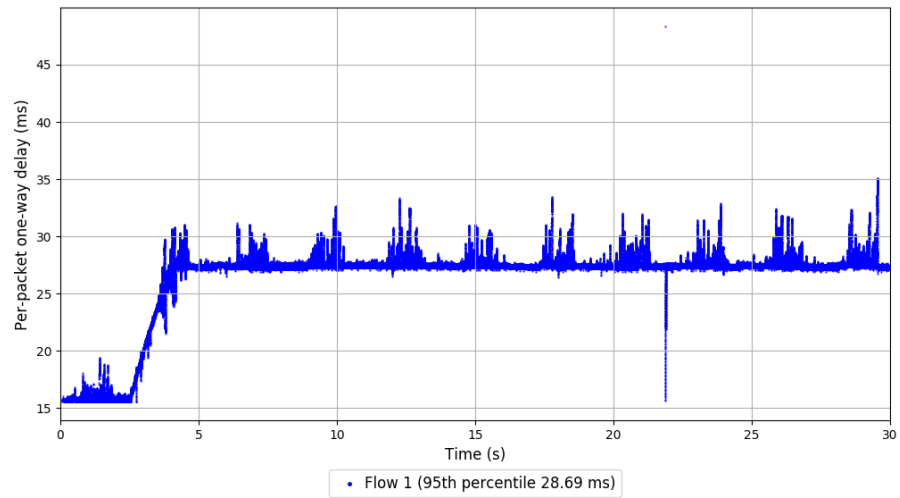
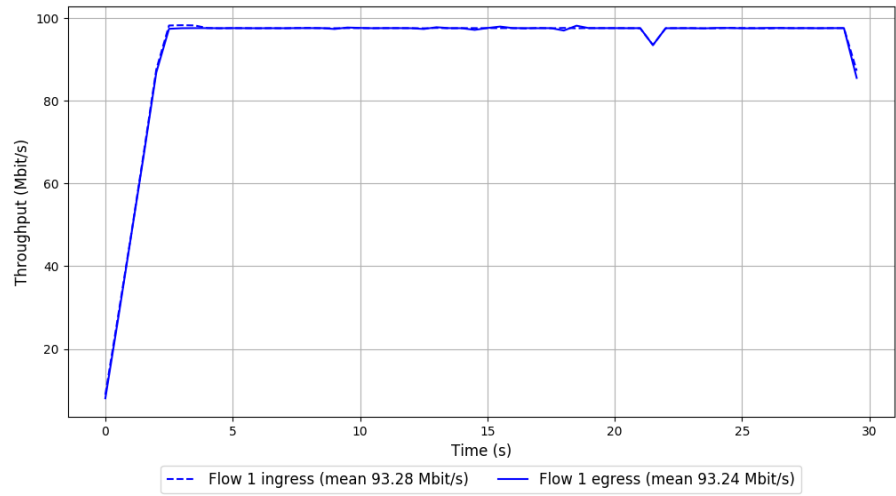


Run 10: Statistics of LEDBAT

Start at: 2017-09-21 22:17:22  
End at: 2017-09-21 22:17:52  
Local clock offset: -2.809 ms  
Remote clock offset: -3.421 ms

# Below is generated by plot.py at 2017-09-21 22:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.24 Mbit/s  
95th percentile per-packet one-way delay: 28.694 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 93.24 Mbit/s  
95th percentile per-packet one-way delay: 28.694 ms  
Loss rate: 0.13%

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

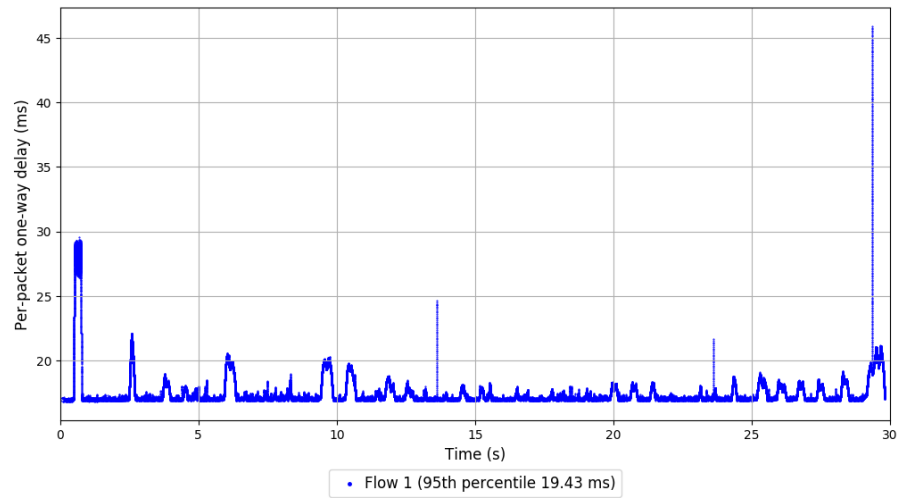
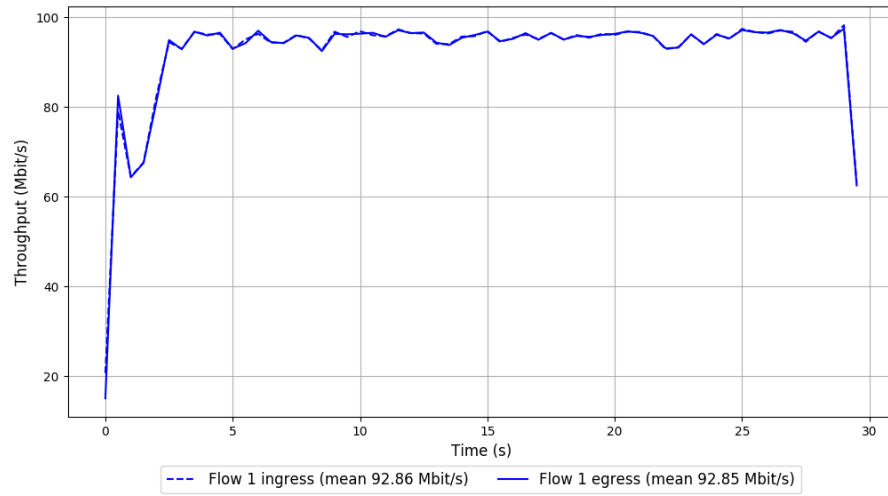


Run 1: Statistics of PCC

Start at: 2017-09-21 19:27:03  
End at: 2017-09-21 19:27:33  
Local clock offset: -2.111 ms  
Remote clock offset: -3.057 ms

# Below is generated by plot.py at 2017-09-21 22:25:12  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.85 Mbit/s  
95th percentile per-packet one-way delay: 19.435 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 92.85 Mbit/s  
95th percentile per-packet one-way delay: 19.435 ms  
Loss rate: 0.08%

# Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-09-21 19:43:50

End at: 2017-09-21 19:44:20

Local clock offset: -1.055 ms

Remote clock offset: -2.49 ms

# Below is generated by plot.py at 2017-09-21 22:25:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 19.862 ms

Loss rate: 0.08%

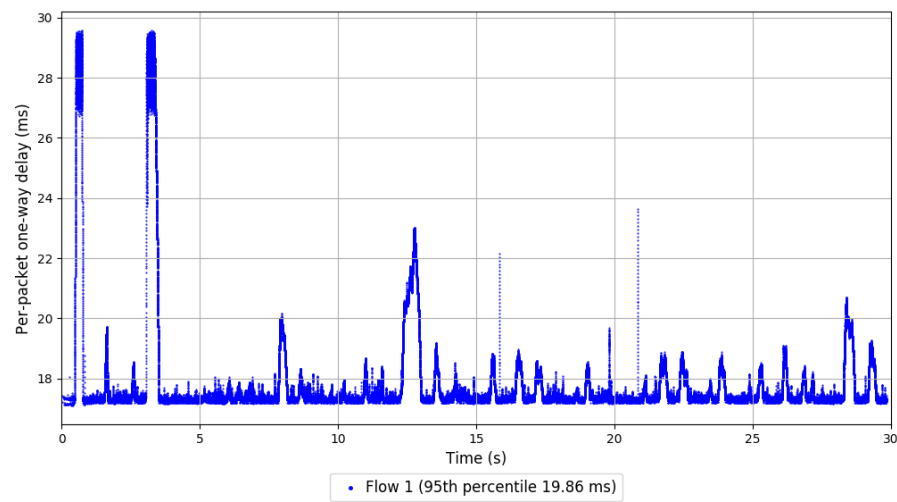
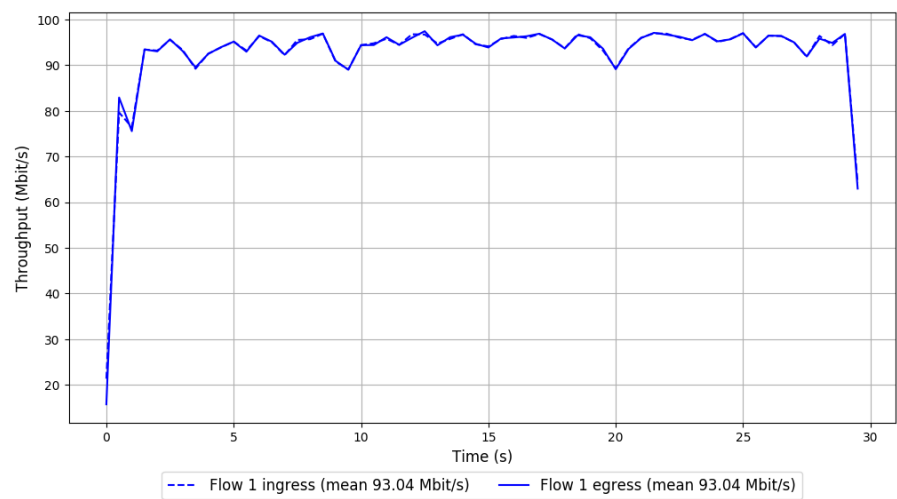
-- Flow 1:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 19.862 ms

Loss rate: 0.08%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-09-21 20:00:11

End at: 2017-09-21 20:00:41

Local clock offset: -2.009 ms

Remote clock offset: -2.44 ms

# Below is generated by plot.py at 2017-09-21 22:25:12

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.55 Mbit/s

95th percentile per-packet one-way delay: 21.222 ms

Loss rate: 0.08%

-- Flow 1:

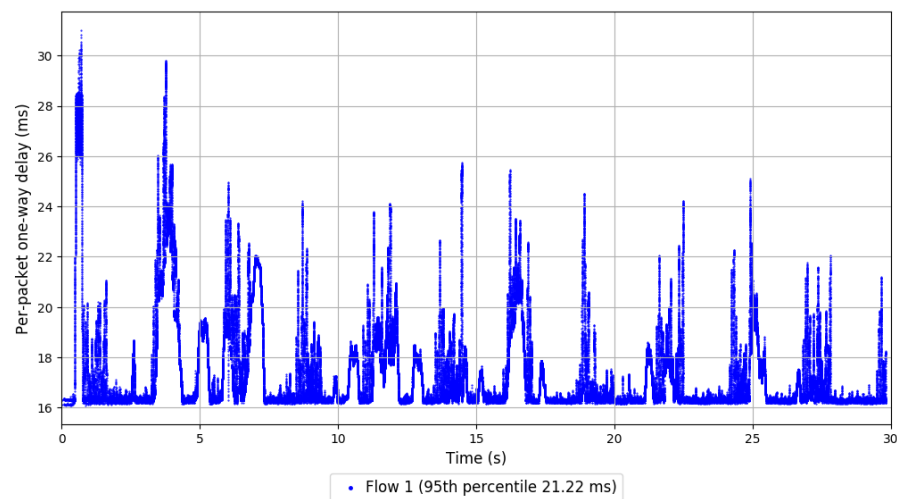
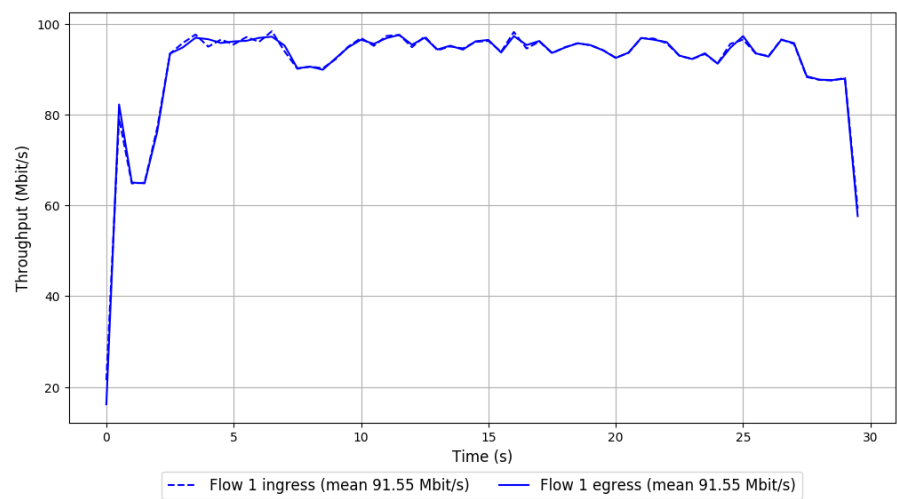
Average throughput: 91.55 Mbit/s

95th percentile per-packet one-way delay: 21.222 ms

Loss rate: 0.08%



Run 3: Report of PCC — Data Link

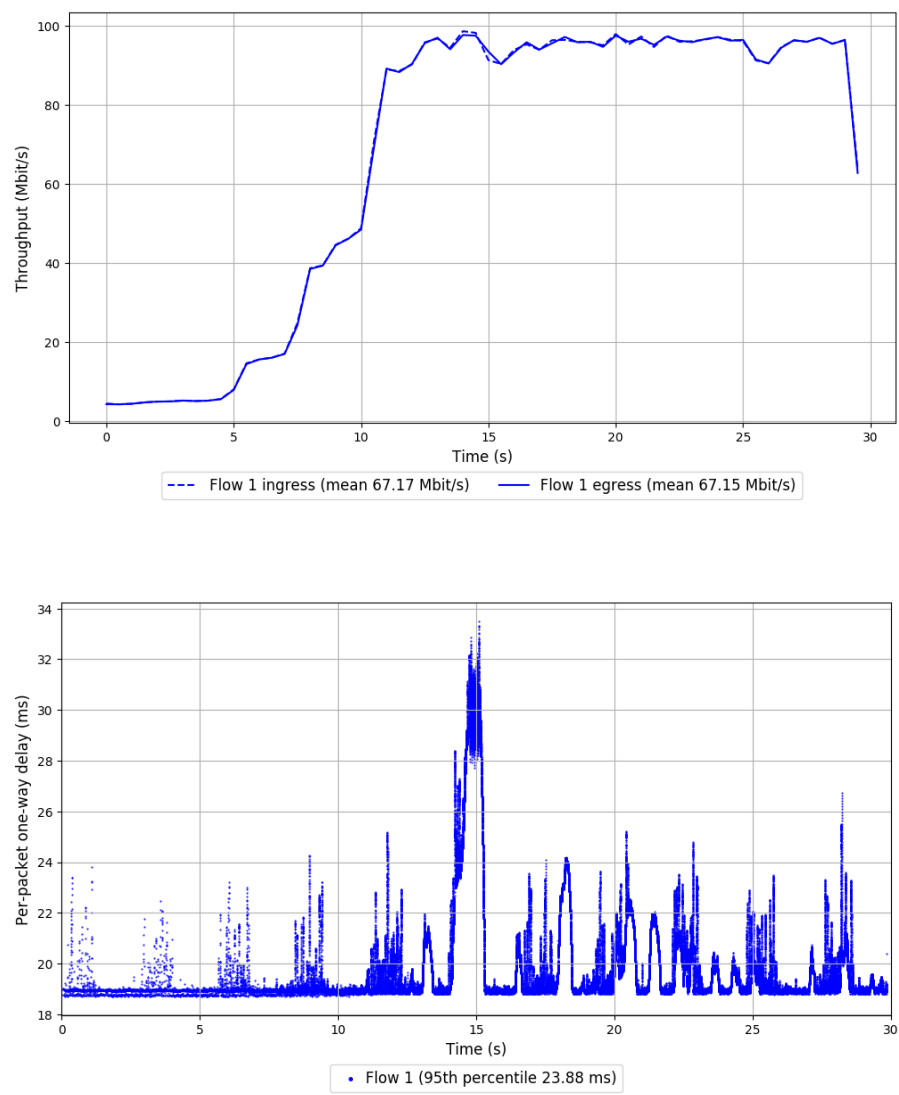


Run 4: Statistics of PCC

Start at: 2017-09-21 20:18:39  
End at: 2017-09-21 20:19:09  
Local clock offset: 0.623 ms  
Remote clock offset: -2.474 ms

# Below is generated by plot.py at 2017-09-21 22:26:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 67.15 Mbit/s  
95th percentile per-packet one-way delay: 23.881 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 67.15 Mbit/s  
95th percentile per-packet one-way delay: 23.881 ms  
Loss rate: 0.11%

Run 4: Report of PCC — Data Link

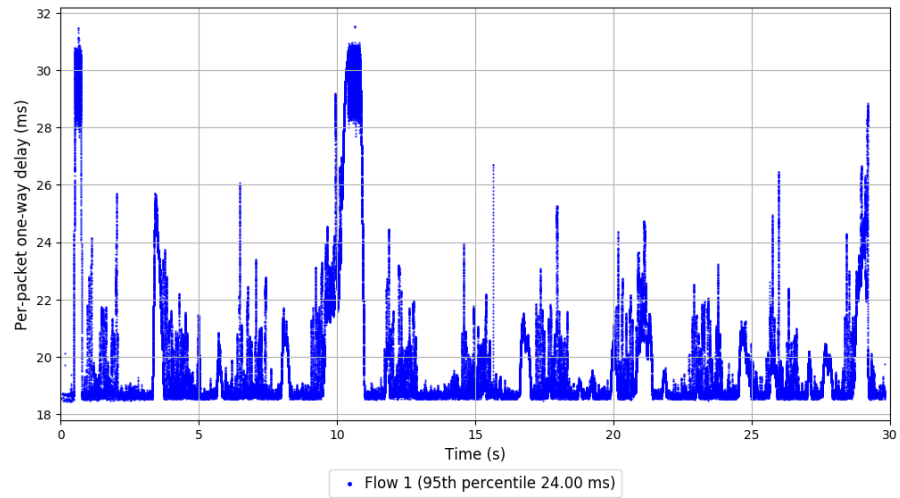
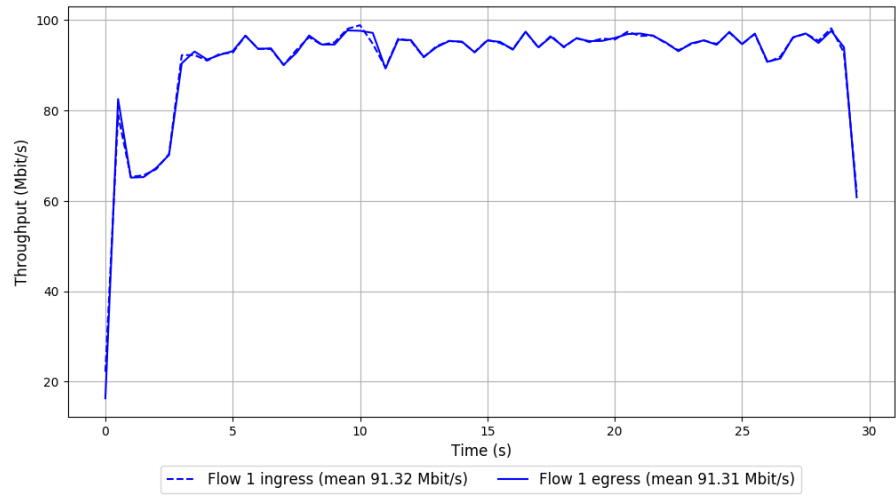


Run 5: Statistics of PCC

Start at: 2017-09-21 20:36:36  
End at: 2017-09-21 20:37:06  
Local clock offset: 0.054 ms  
Remote clock offset: -2.702 ms

# Below is generated by plot.py at 2017-09-21 22:26:31  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.31 Mbit/s  
95th percentile per-packet one-way delay: 23.995 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 91.31 Mbit/s  
95th percentile per-packet one-way delay: 23.995 ms  
Loss rate: 0.09%

### Run 5: Report of PCC — Data Link

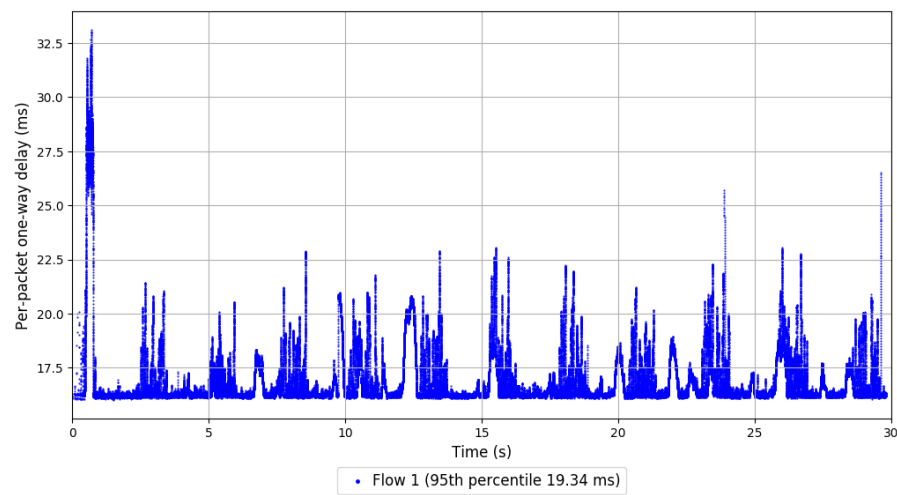
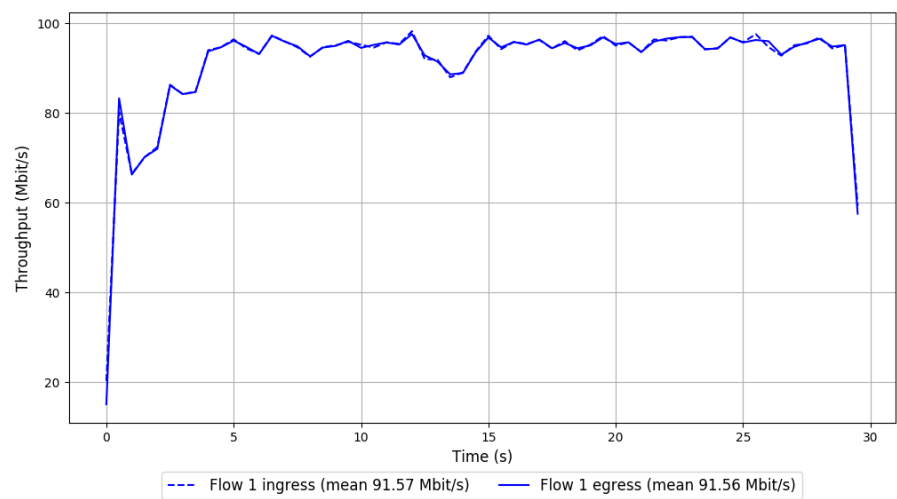


Run 6: Statistics of PCC

Start at: 2017-09-21 20:54:56  
End at: 2017-09-21 20:55:26  
Local clock offset: -2.288 ms  
Remote clock offset: -2.593 ms

# Below is generated by plot.py at 2017-09-21 22:26:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.56 Mbit/s  
95th percentile per-packet one-way delay: 19.342 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 91.56 Mbit/s  
95th percentile per-packet one-way delay: 19.342 ms  
Loss rate: 0.09%

Run 6: Report of PCC — Data Link



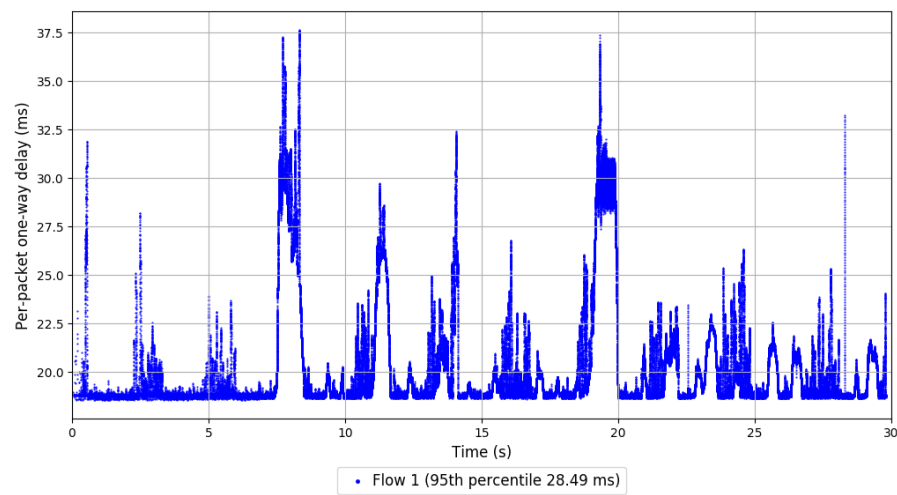
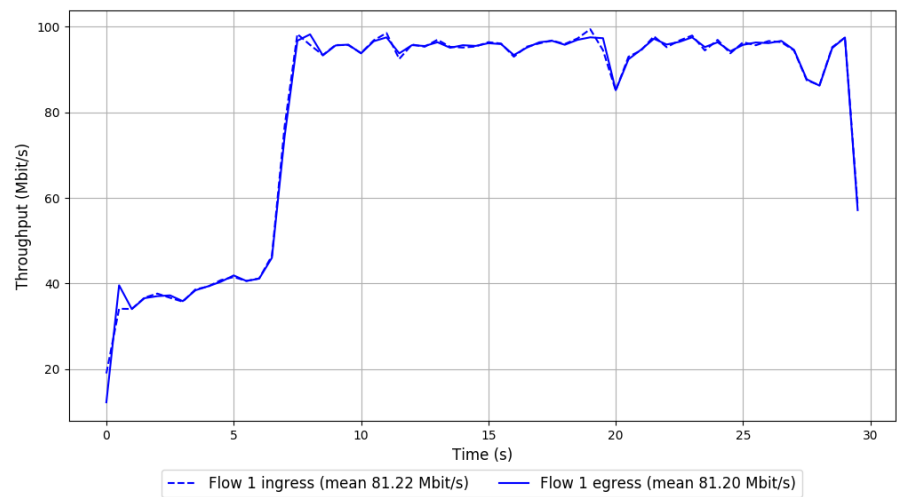
Run 7: Statistics of PCC

Start at: 2017-09-21 21:13:23  
End at: 2017-09-21 21:13:53  
Local clock offset: -0.153 ms  
Remote clock offset: -3.008 ms

# Below is generated by plot.py at 2017-09-21 22:26:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.20 Mbit/s  
95th percentile per-packet one-way delay: 28.490 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 81.20 Mbit/s  
95th percentile per-packet one-way delay: 28.490 ms  
Loss rate: 0.09%



Run 7: Report of PCC — Data Link

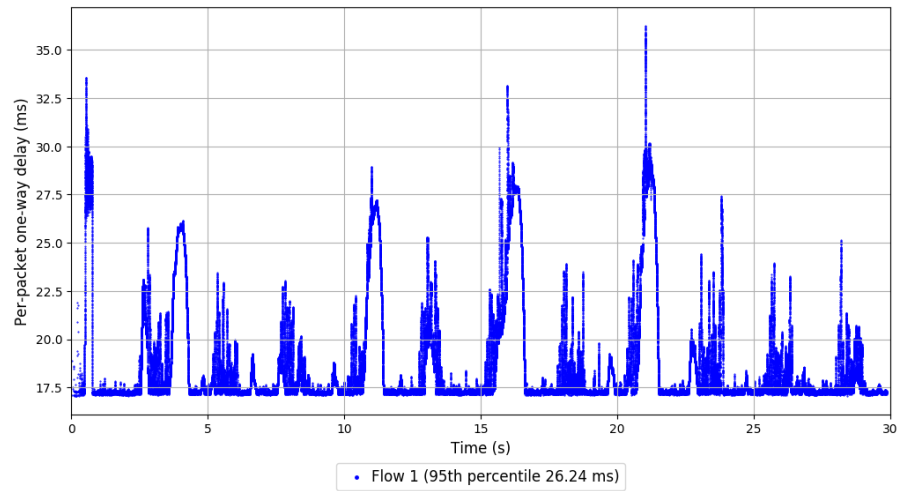
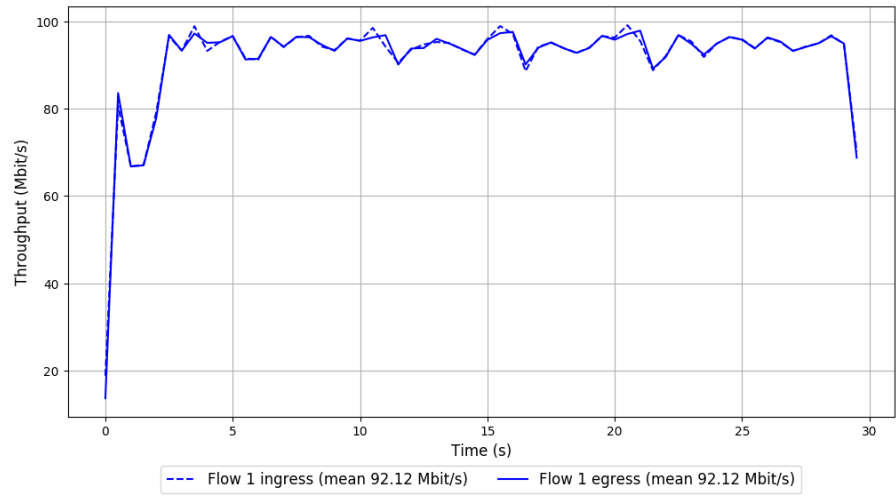


Run 8: Statistics of PCC

Start at: 2017-09-21 21:32:06  
End at: 2017-09-21 21:32:36  
Local clock offset: -0.704 ms  
Remote clock offset: -2.128 ms

# Below is generated by plot.py at 2017-09-21 22:26:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.12 Mbit/s  
95th percentile per-packet one-way delay: 26.238 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 92.12 Mbit/s  
95th percentile per-packet one-way delay: 26.238 ms  
Loss rate: 0.09%

## Run 8: Report of PCC — Data Link

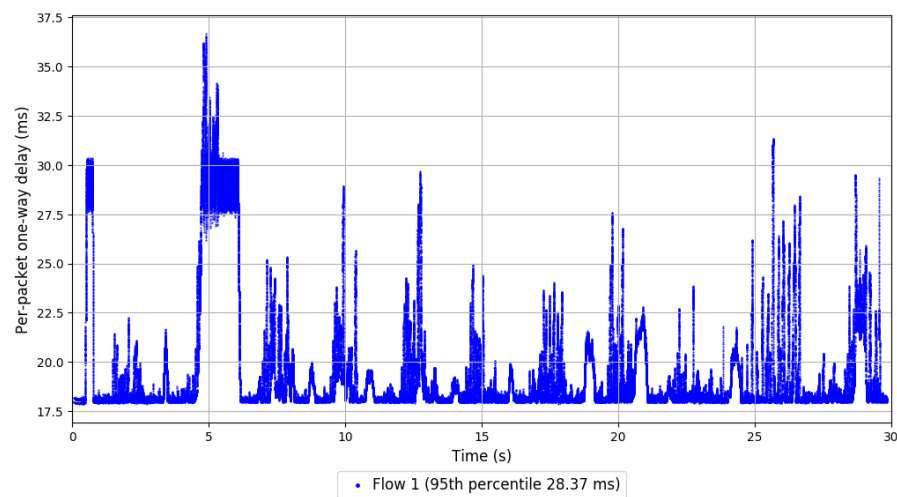
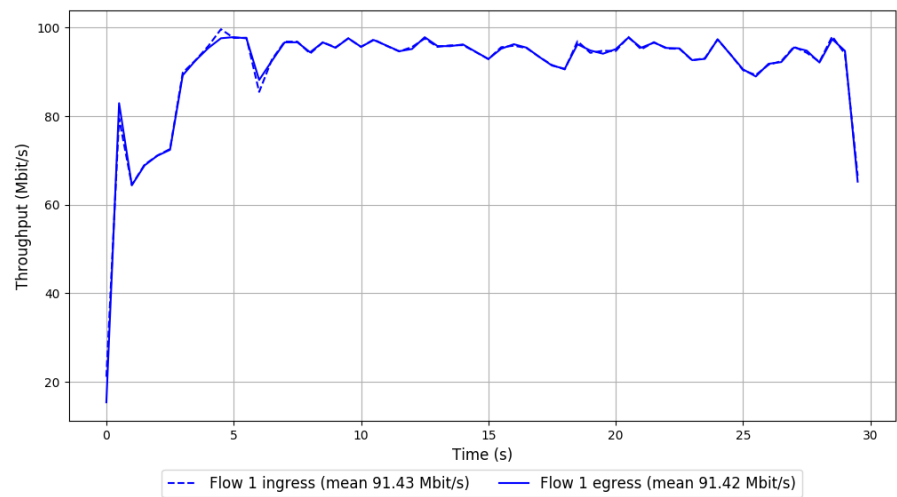


Run 9: Statistics of PCC

Start at: 2017-09-21 21:50:15  
End at: 2017-09-21 21:50:45  
Local clock offset: -0.165 ms  
Remote clock offset: -2.587 ms

# Below is generated by plot.py at 2017-09-21 22:26:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.42 Mbit/s  
95th percentile per-packet one-way delay: 28.370 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 91.42 Mbit/s  
95th percentile per-packet one-way delay: 28.370 ms  
Loss rate: 0.09%

Run 9: Report of PCC — Data Link

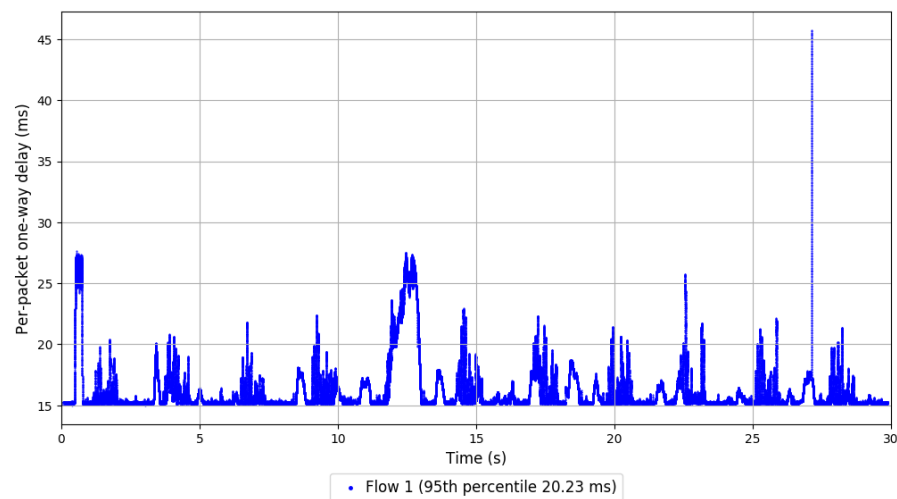
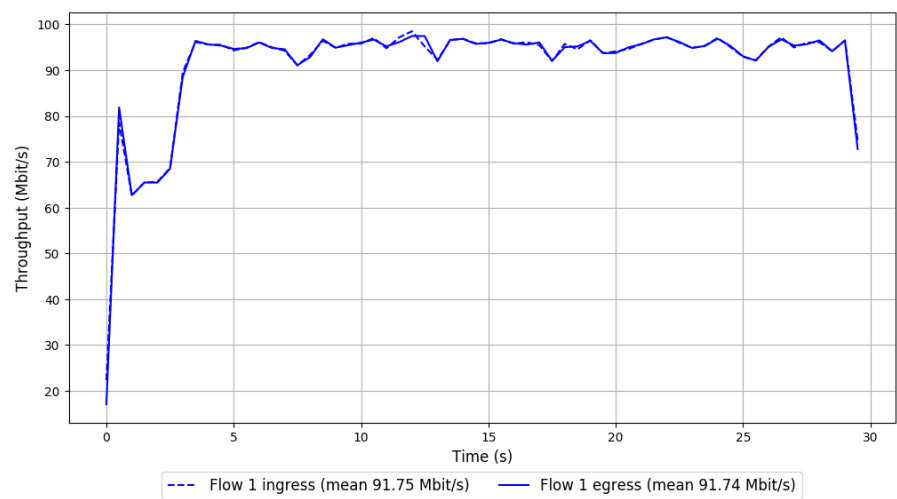


Run 10: Statistics of PCC

Start at: 2017-09-21 22:08:22  
End at: 2017-09-21 22:08:52  
Local clock offset: -2.836 ms  
Remote clock offset: -2.792 ms

# Below is generated by plot.py at 2017-09-21 22:26:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 20.227 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 91.74 Mbit/s  
95th percentile per-packet one-way delay: 20.227 ms  
Loss rate: 0.09%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-21 19:33:07

End at: 2017-09-21 19:33:37

Local clock offset: -2.111 ms

Remote clock offset: -2.961 ms

# Below is generated by plot.py at 2017-09-21 22:26:35

# Datalink statistics

-- Total of 1 flow:

Average throughput: 77.95 Mbit/s

95th percentile per-packet one-way delay: 16.990 ms

Loss rate: 0.11%

-- Flow 1:

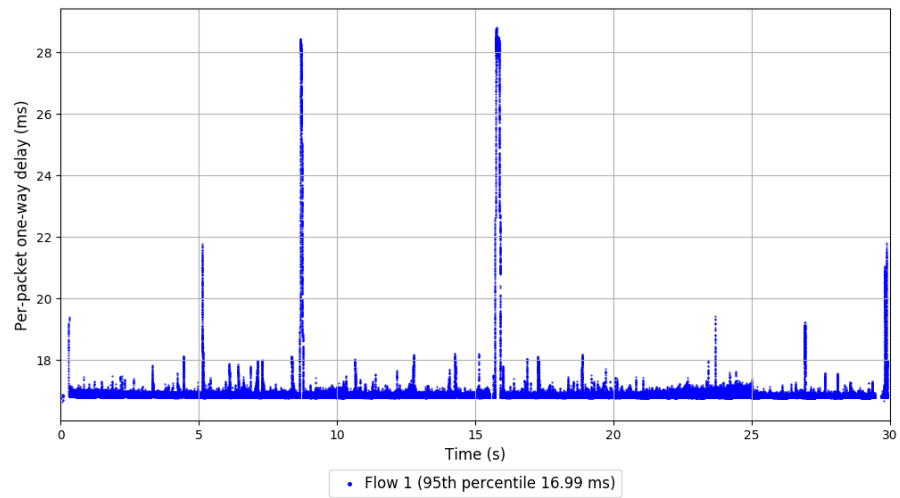
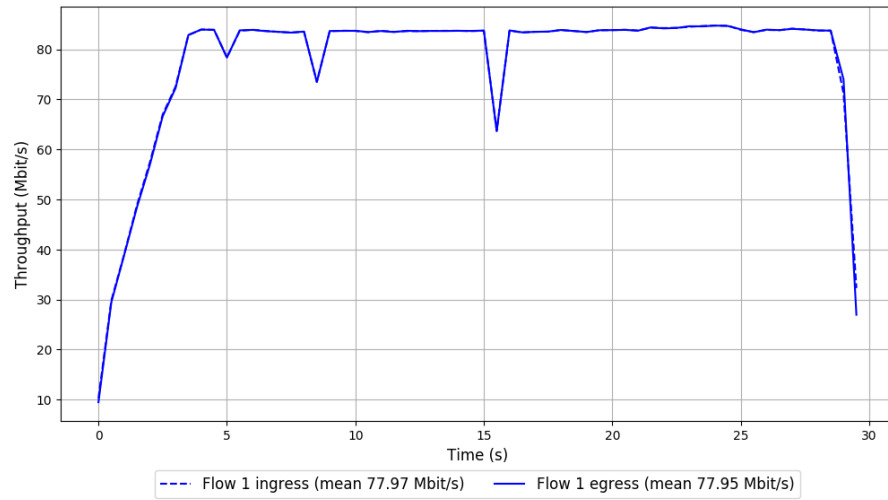
Average throughput: 77.95 Mbit/s

95th percentile per-packet one-way delay: 16.990 ms

Loss rate: 0.11%



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



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-21 19:49:38

End at: 2017-09-21 19:50:08

Local clock offset: -0.257 ms

Remote clock offset: -2.514 ms

# Below is generated by plot.py at 2017-09-21 22:27:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 80.22 Mbit/s

95th percentile per-packet one-way delay: 29.174 ms

Loss rate: 0.09%

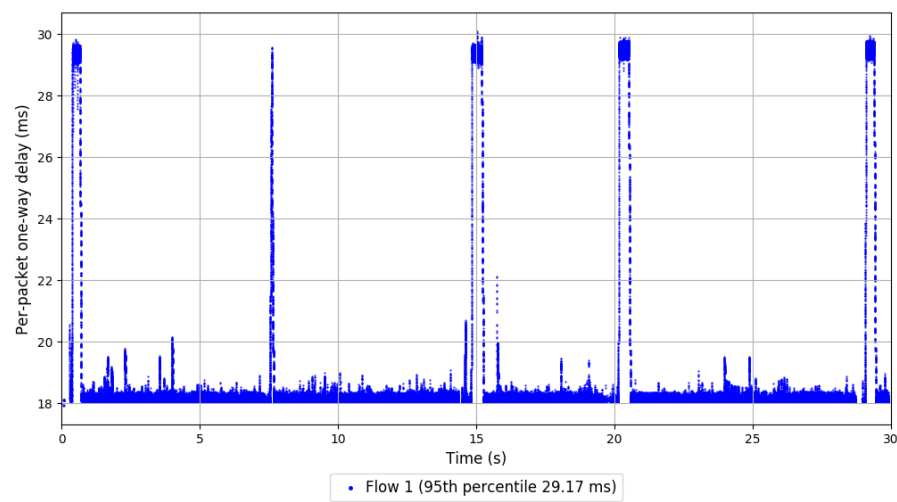
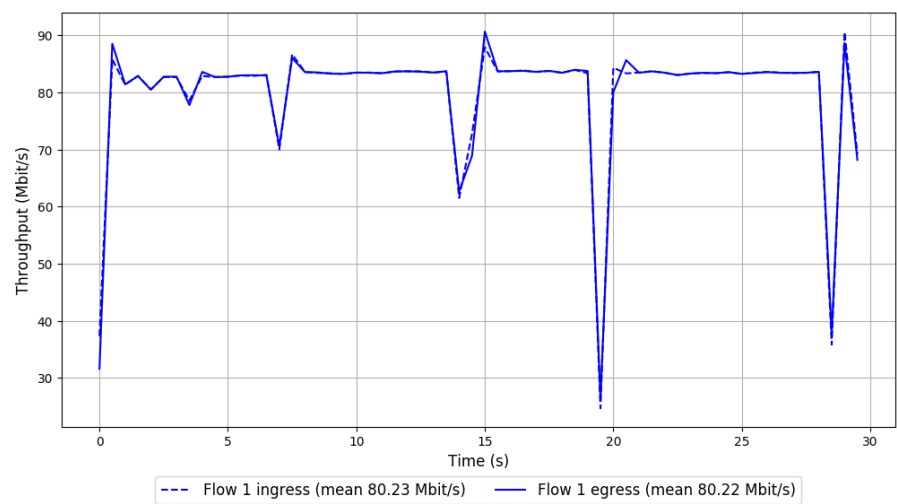
-- Flow 1:

Average throughput: 80.22 Mbit/s

95th percentile per-packet one-way delay: 29.174 ms

Loss rate: 0.09%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-21 20:06:55

End at: 2017-09-21 20:07:25

Local clock offset: -4.171 ms

Remote clock offset: -9.346 ms

# Below is generated by plot.py at 2017-09-21 22:27:51

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.96 Mbit/s

95th percentile per-packet one-way delay: 32.588 ms

Loss rate: 0.13%

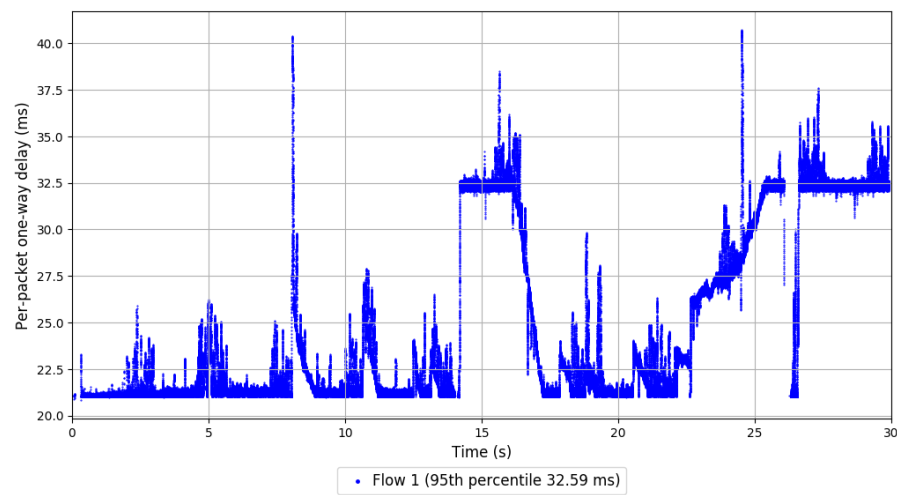
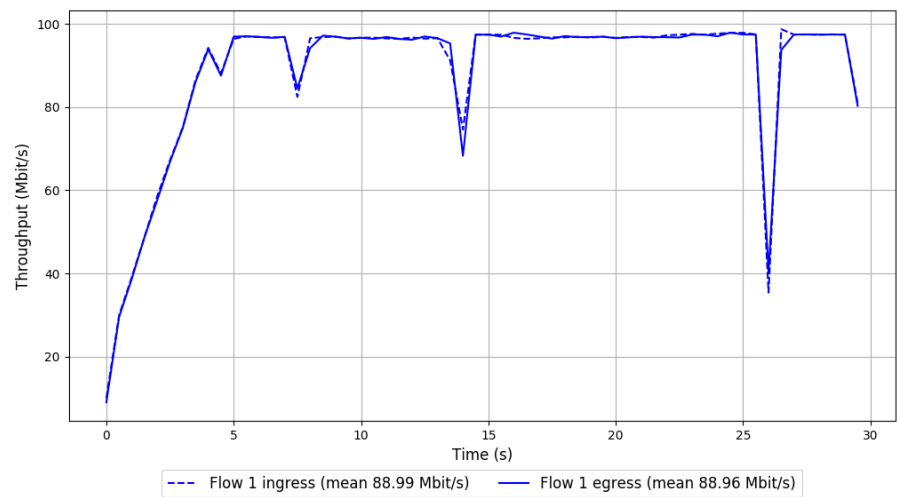
-- Flow 1:

Average throughput: 88.96 Mbit/s

95th percentile per-packet one-way delay: 32.588 ms

Loss rate: 0.13%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-21 20:25:13

End at: 2017-09-21 20:25:43

Local clock offset: 0.494 ms

Remote clock offset: -2.004 ms

# Below is generated by plot.py at 2017-09-21 22:27:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 30.511 ms

Loss rate: 0.13%

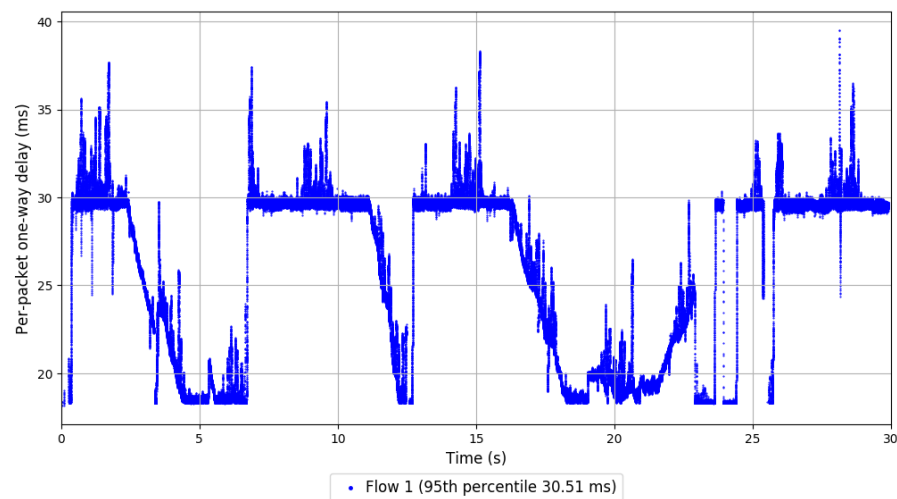
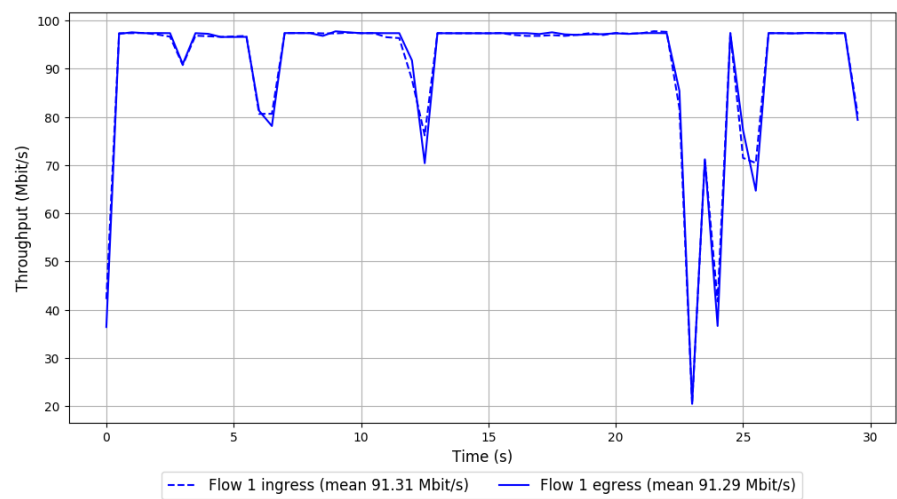
-- Flow 1:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 30.511 ms

Loss rate: 0.13%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-21 20:43:22

End at: 2017-09-21 20:43:52

Local clock offset: -0.087 ms

Remote clock offset: -1.761 ms

# Below is generated by plot.py at 2017-09-21 22:27:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 85.22 Mbit/s

95th percentile per-packet one-way delay: 28.810 ms

Loss rate: 0.09%

-- Flow 1:

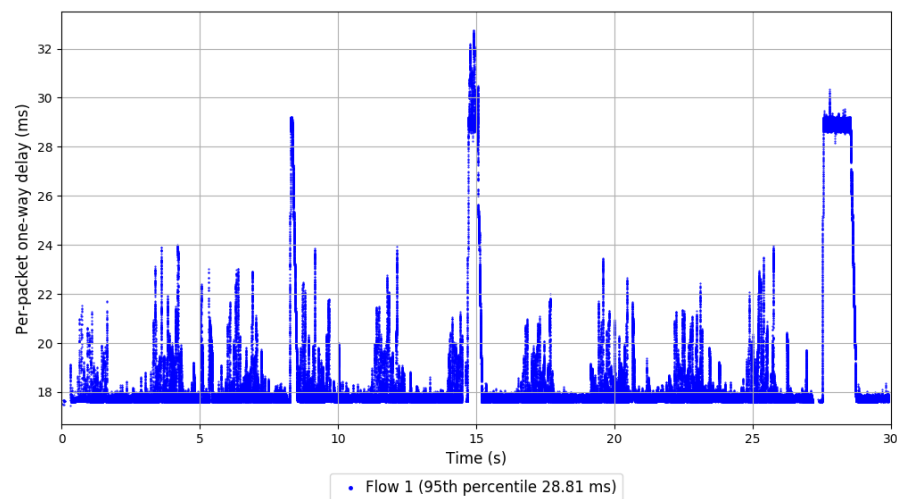
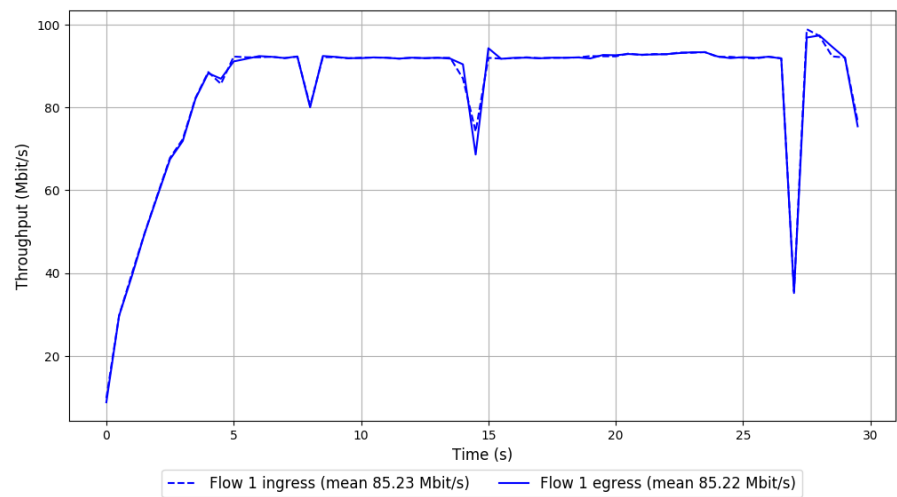
Average throughput: 85.22 Mbit/s

95th percentile per-packet one-way delay: 28.810 ms

Loss rate: 0.09%



Run 5: Report of QUIC Cubic — Data Link

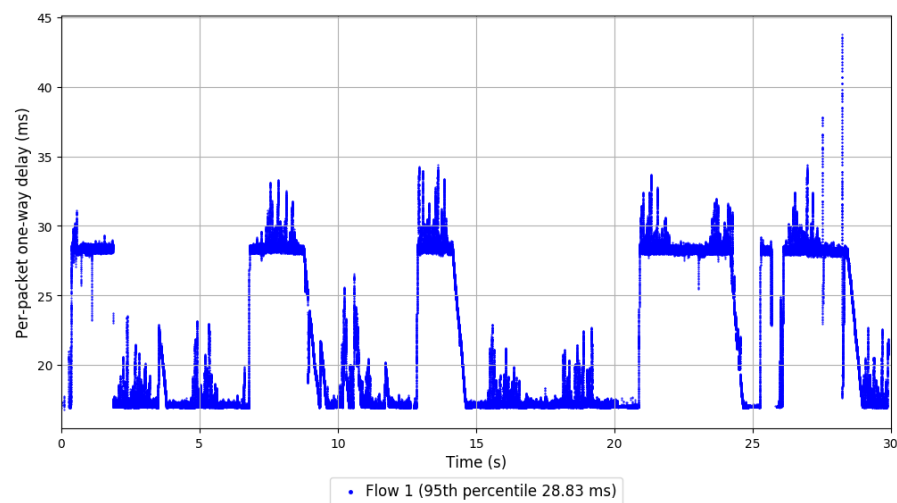
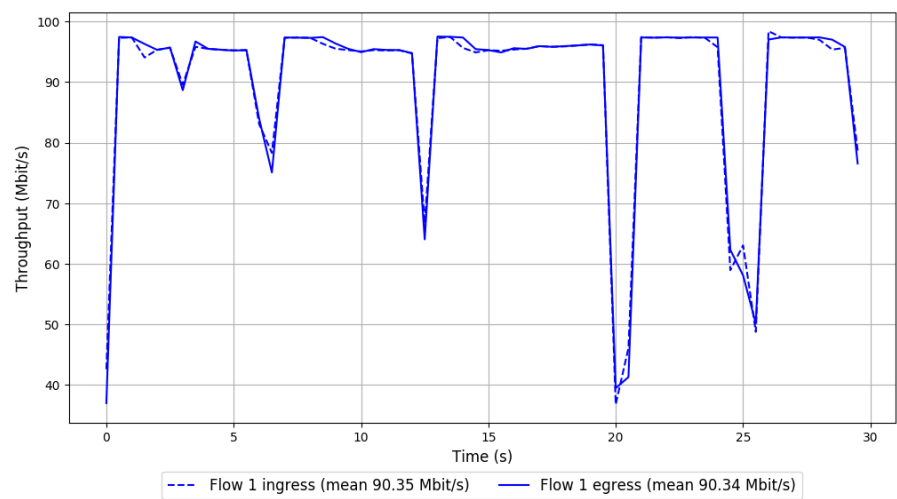


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-21 21:01:37  
End at: 2017-09-21 21:02:07  
Local clock offset: -0.899 ms  
Remote clock offset: -1.978 ms

# Below is generated by plot.py at 2017-09-21 22:28:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.34 Mbit/s  
95th percentile per-packet one-way delay: 28.830 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 90.34 Mbit/s  
95th percentile per-packet one-way delay: 28.830 ms  
Loss rate: 0.10%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-21 21:20:06

End at: 2017-09-21 21:20:36

Local clock offset: -2.326 ms

Remote clock offset: -2.312 ms

# Below is generated by plot.py at 2017-09-21 22:28:11

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.49 Mbit/s

95th percentile per-packet one-way delay: 29.213 ms

Loss rate: 0.13%

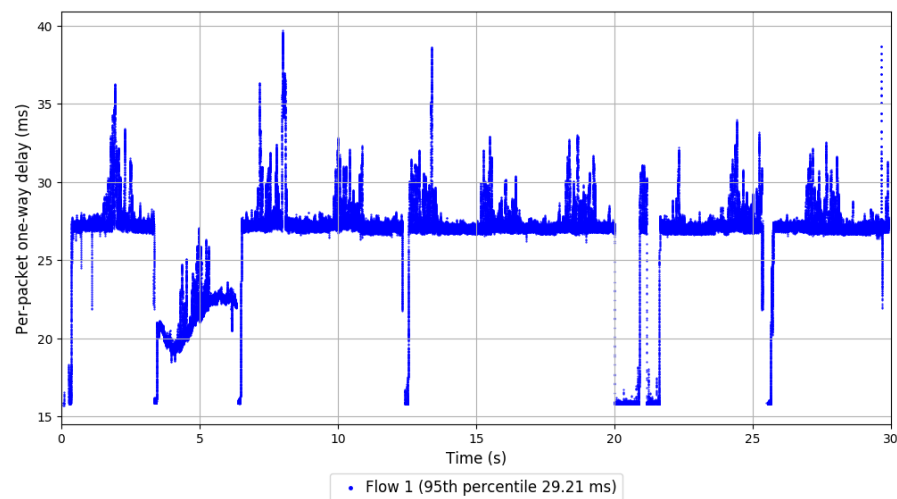
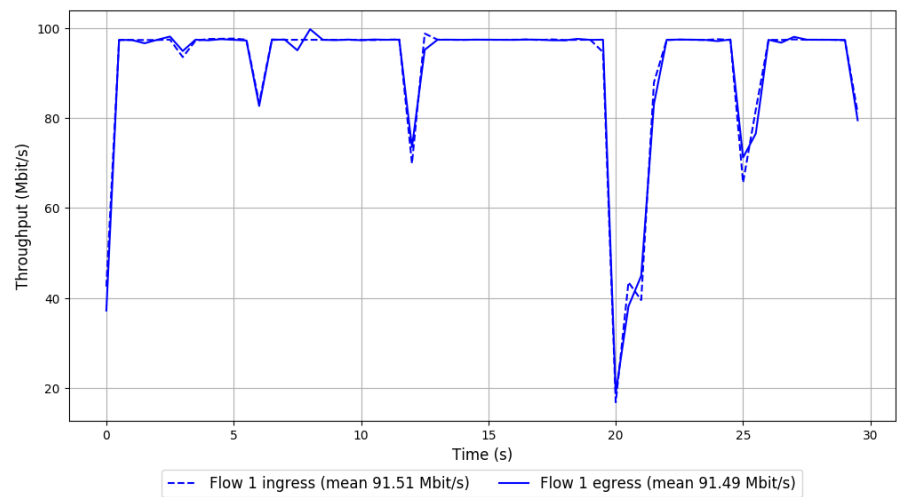
-- Flow 1:

Average throughput: 91.49 Mbit/s

95th percentile per-packet one-way delay: 29.213 ms

Loss rate: 0.13%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-21 21:38:53

End at: 2017-09-21 21:39:23

Local clock offset: -2.871 ms

Remote clock offset: -2.641 ms

# Below is generated by plot.py at 2017-09-21 22:28:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.02 Mbit/s

95th percentile per-packet one-way delay: 28.945 ms

Loss rate: 0.12%

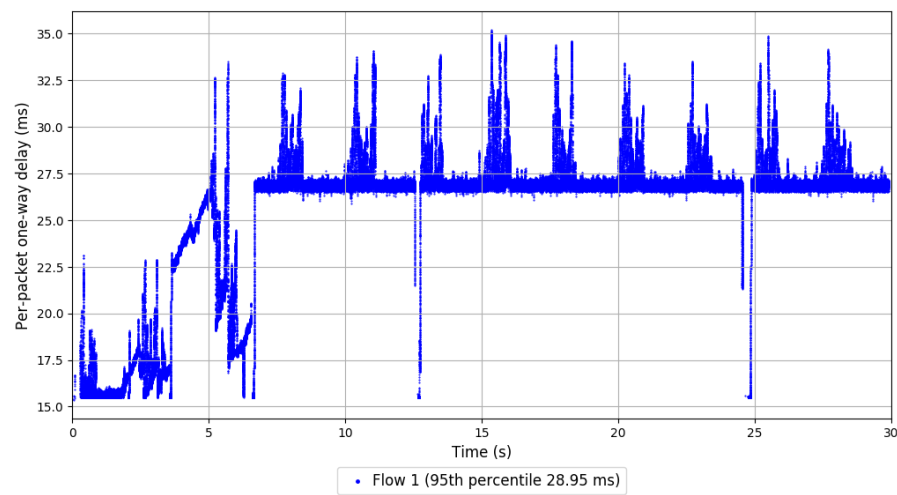
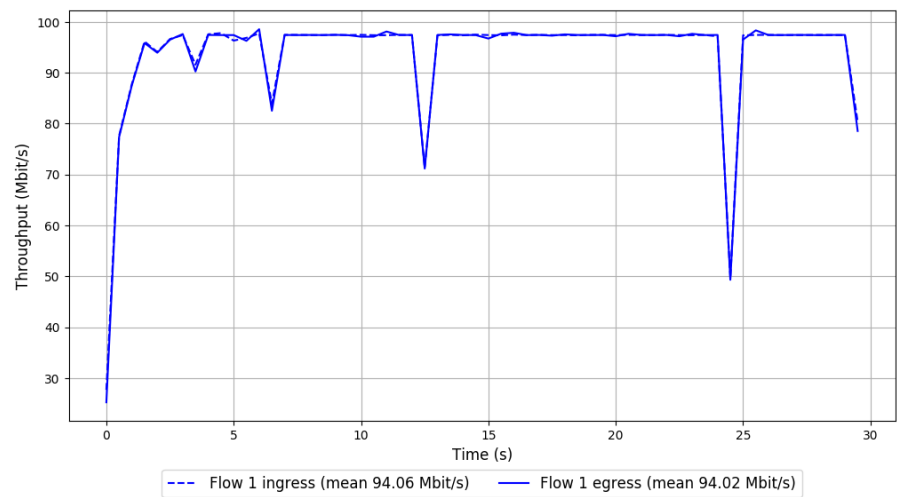
-- Flow 1:

Average throughput: 94.02 Mbit/s

95th percentile per-packet one-way delay: 28.945 ms

Loss rate: 0.12%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-21 21:56:58

End at: 2017-09-21 21:57:28

Local clock offset: -2.527 ms

Remote clock offset: -3.407 ms

# Below is generated by plot.py at 2017-09-21 22:28:14

# Datalink statistics

-- Total of 1 flow:

Average throughput: 73.81 Mbit/s

95th percentile per-packet one-way delay: 19.037 ms

Loss rate: 0.08%

-- Flow 1:

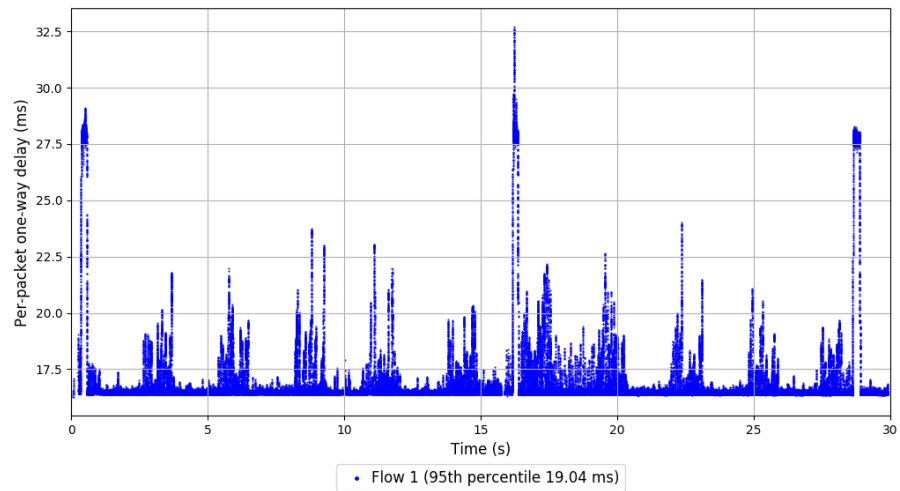
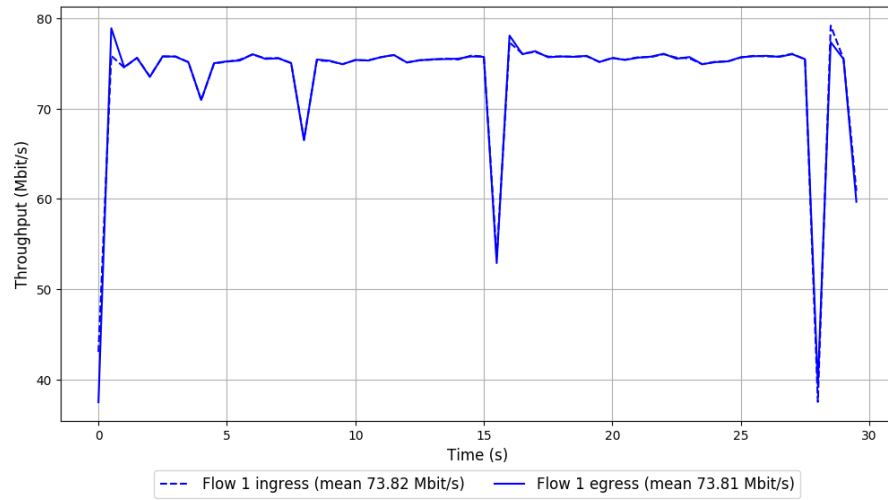
Average throughput: 73.81 Mbit/s

95th percentile per-packet one-way delay: 19.037 ms

Loss rate: 0.08%



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



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-21 22:14:45

End at: 2017-09-21 22:15:15

Local clock offset: -0.517 ms

Remote clock offset: -3.721 ms

# Below is generated by plot.py at 2017-09-21 22:29:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 94.04 Mbit/s

95th percentile per-packet one-way delay: 30.833 ms

Loss rate: 0.12%

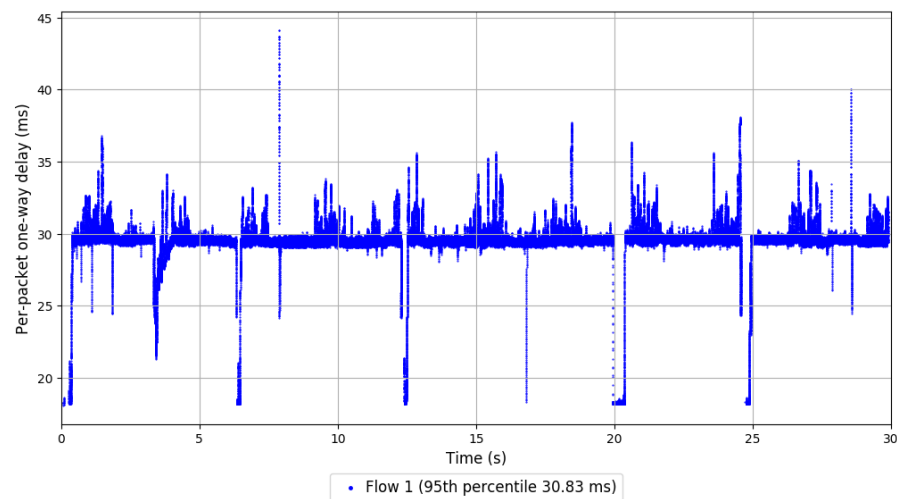
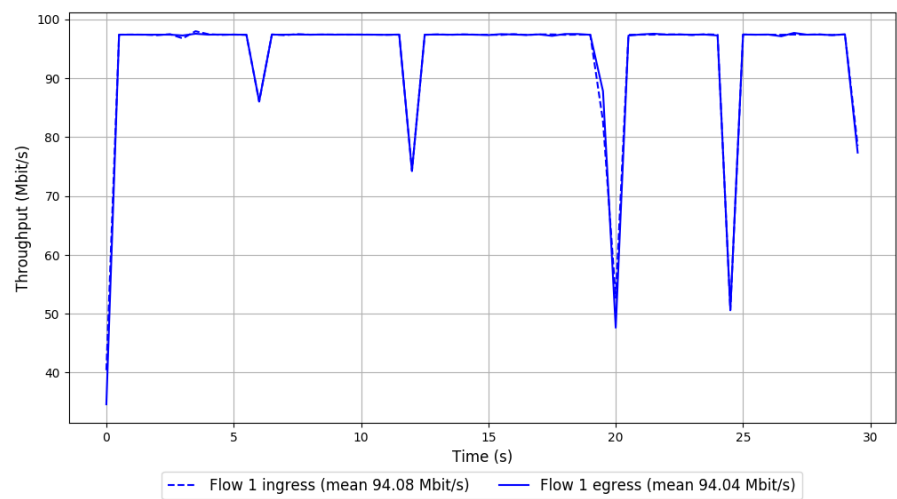
-- Flow 1:

Average throughput: 94.04 Mbit/s

95th percentile per-packet one-way delay: 30.833 ms

Loss rate: 0.12%

Run 10: Report of QUIC Cubic — Data Link

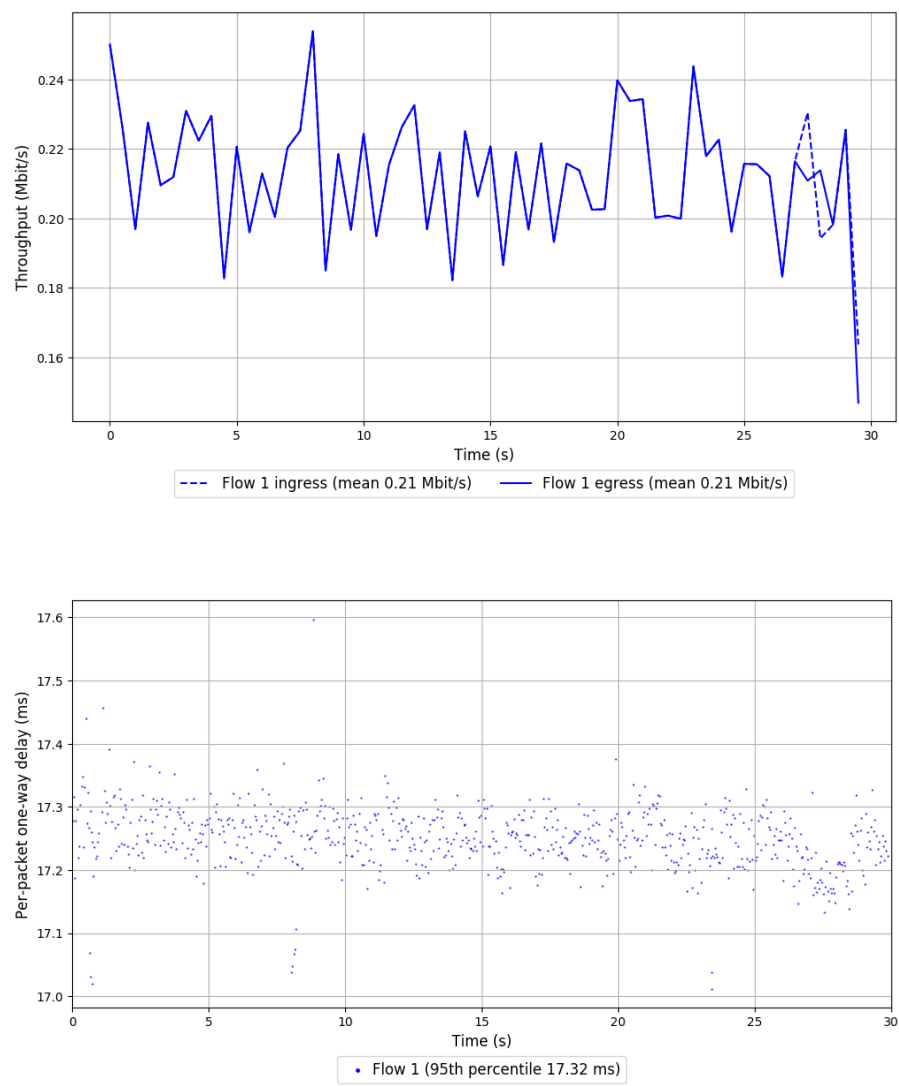


Run 1: Statistics of SCReAM

Start at: 2017-09-21 19:25:59  
End at: 2017-09-21 19:26:29  
Local clock offset: -2.19 ms  
Remote clock offset: -3.274 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 17.316 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 17.316 ms  
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link

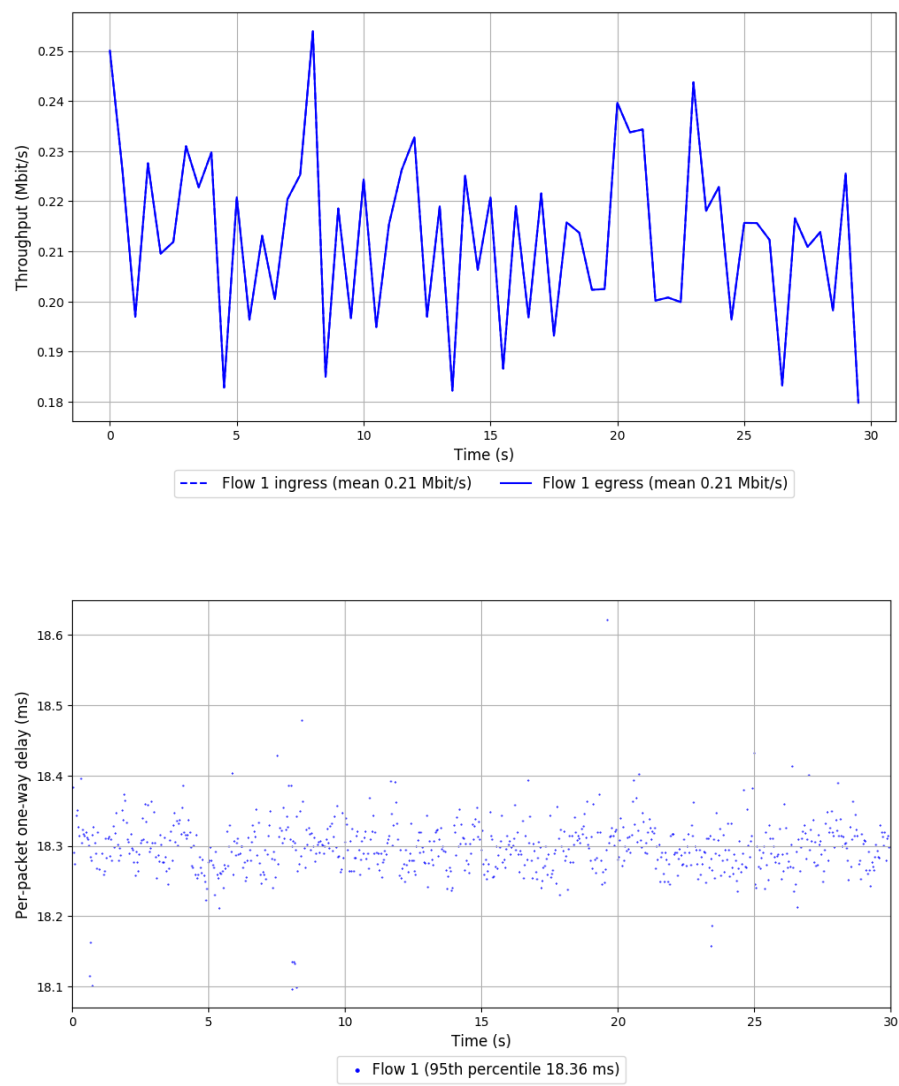


Run 2: Statistics of SCReAM

Start at: 2017-09-21 19:42:45  
End at: 2017-09-21 19:43:15  
Local clock offset: 0.032 ms  
Remote clock offset: -2.381 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.356 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.356 ms  
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



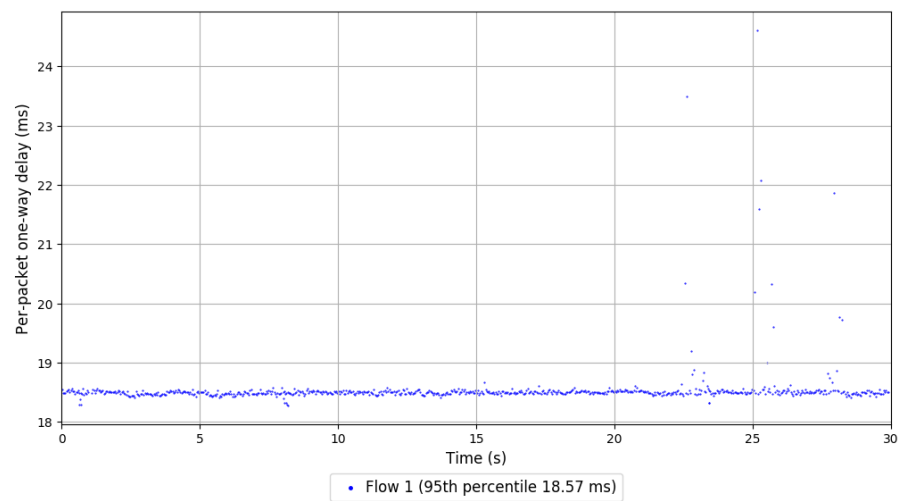
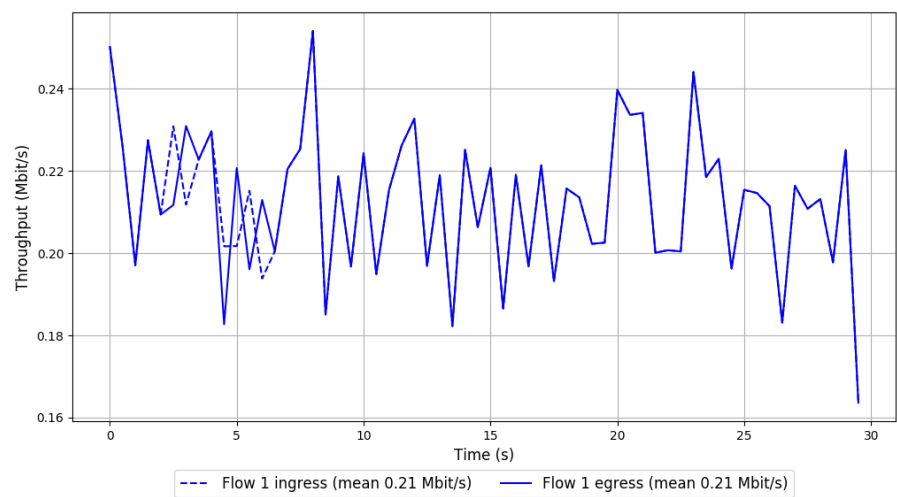
Run 3: Statistics of SCReAM

Start at: 2017-09-21 19:59:05  
End at: 2017-09-21 19:59:35  
Local clock offset: 0.081 ms  
Remote clock offset: -2.532 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.569 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.569 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

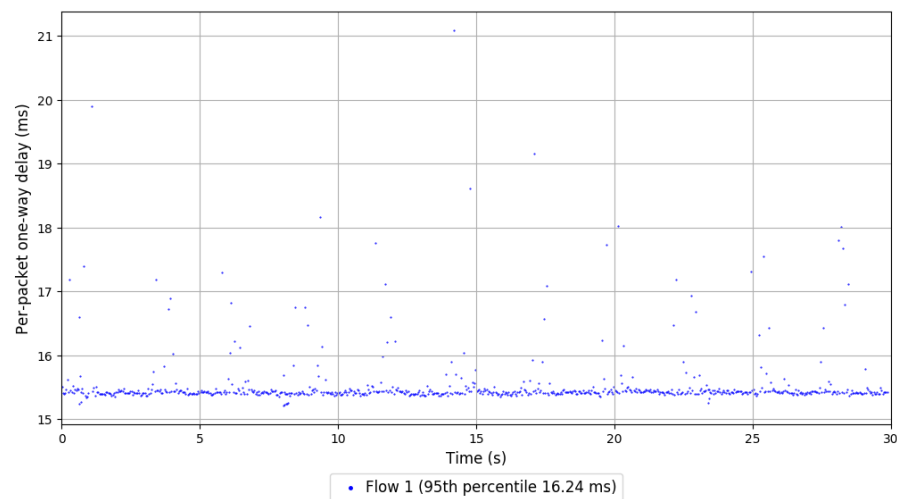
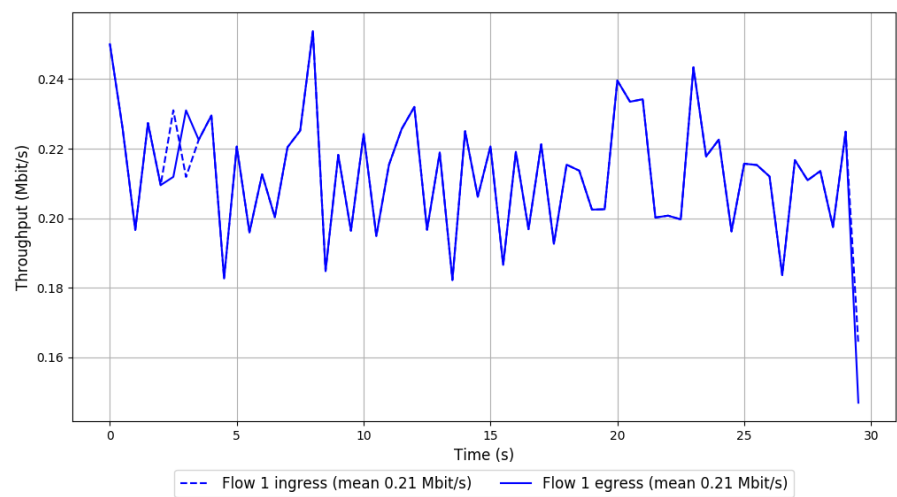


Run 4: Statistics of SReAM

Start at: 2017-09-21 20:17:33  
End at: 2017-09-21 20:18:03  
Local clock offset: -2.203 ms  
Remote clock offset: -1.769 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 16.236 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 16.236 ms  
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

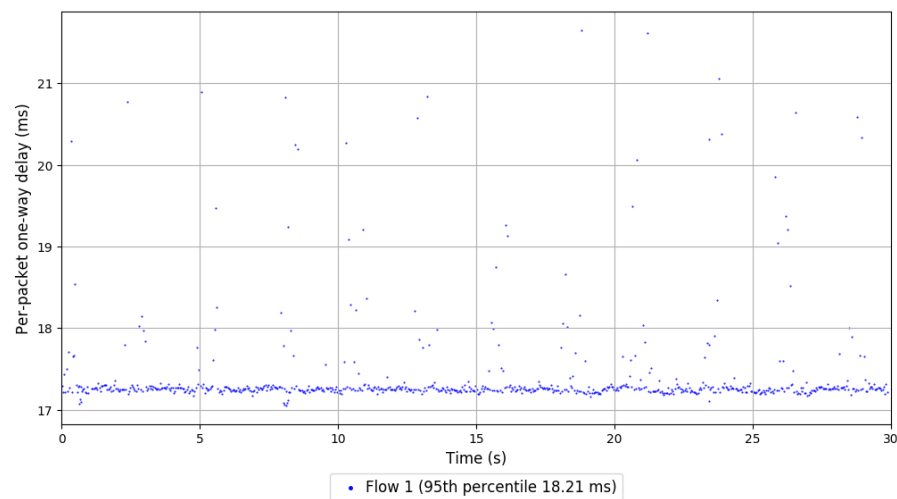
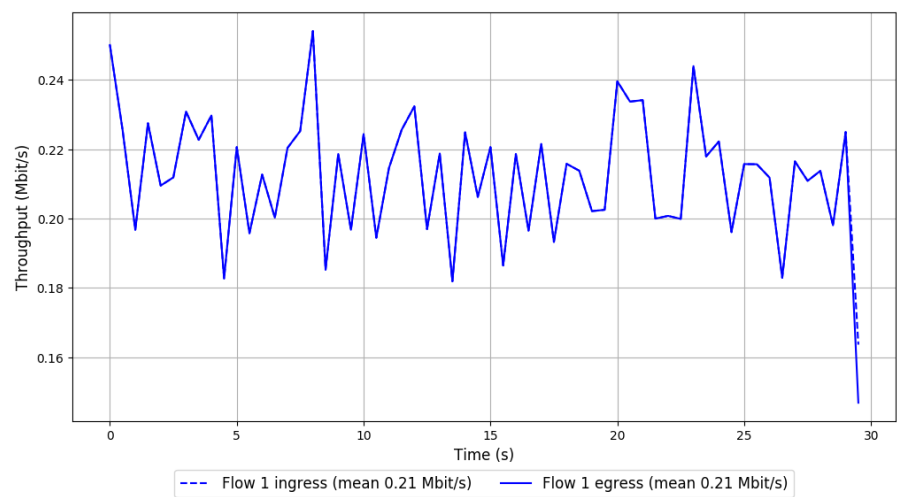


Run 5: Statistics of SCReAM

Start at: 2017-09-21 20:35:30  
End at: 2017-09-21 20:36:00  
Local clock offset: 0.094 ms  
Remote clock offset: -1.228 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.209 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.209 ms  
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

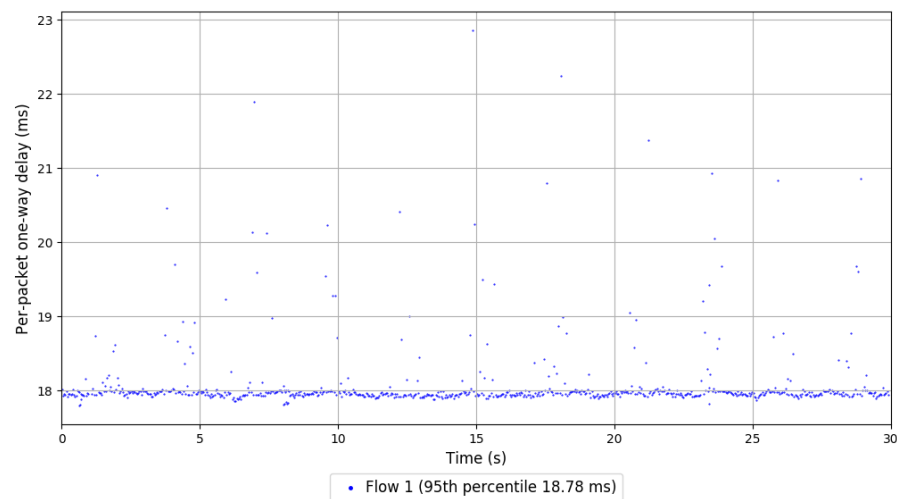
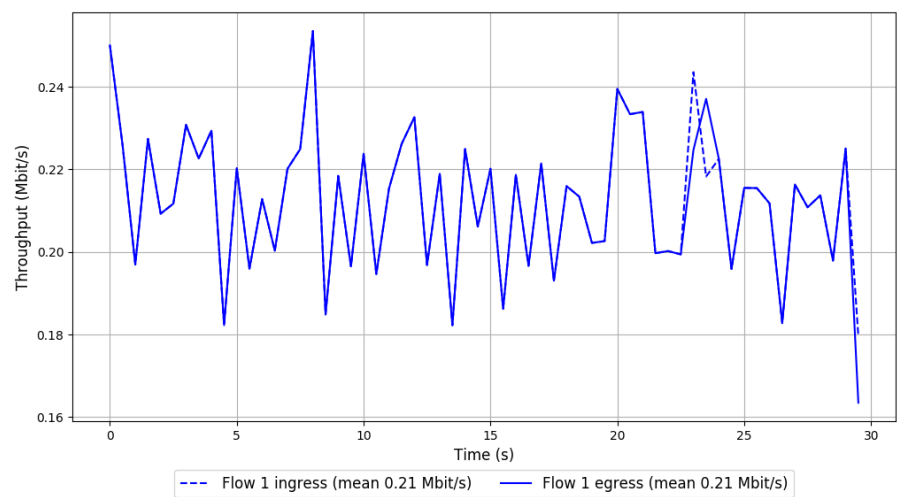


Run 6: Statistics of SCReAM

Start at: 2017-09-21 20:53:51  
End at: 2017-09-21 20:54:21  
Local clock offset: 0.044 ms  
Remote clock offset: -1.972 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.776 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.776 ms  
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link



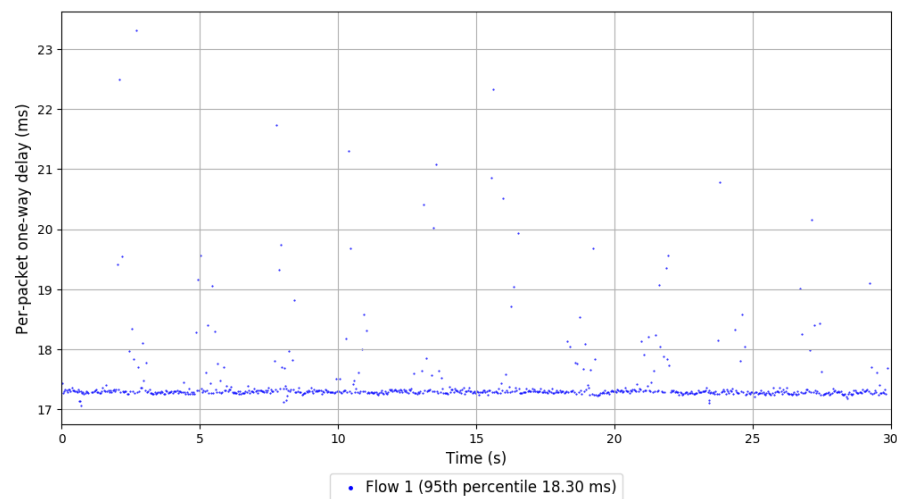
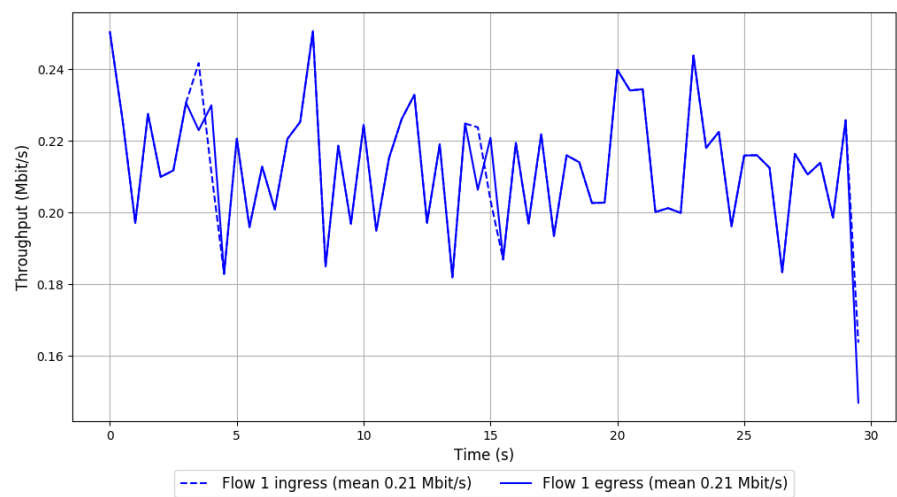
Run 7: Statistics of SCReAM

Start at: 2017-09-21 21:12:18  
End at: 2017-09-21 21:12:48  
Local clock offset: -0.266 ms  
Remote clock offset: -1.616 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.304 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.304 ms  
Loss rate: 0.13%



Run 7: Report of SReAM — Data Link

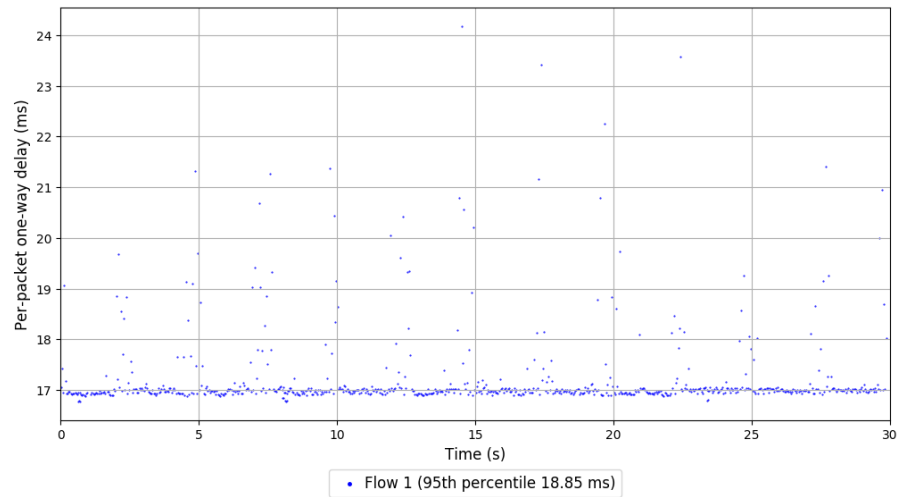
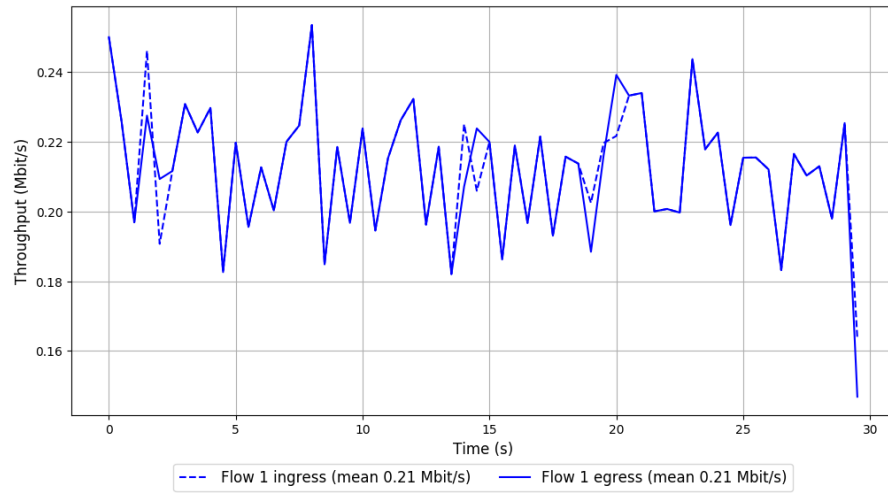


Run 8: Statistics of SCReAM

Start at: 2017-09-21 21:31:01  
End at: 2017-09-21 21:31:31  
Local clock offset: -1.191 ms  
Remote clock offset: -2.286 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.847 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 18.847 ms  
Loss rate: 0.13%

## Run 8: Report of SCRaM — Data Link

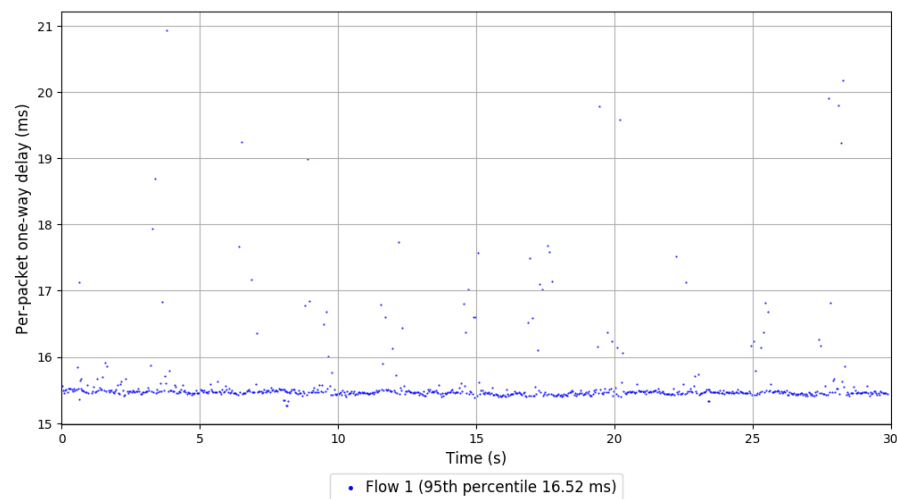
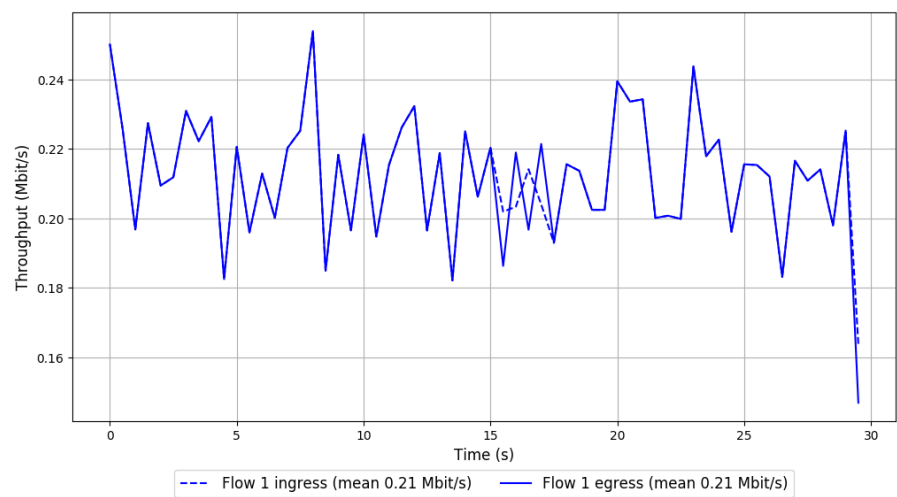


Run 9: Statistics of SCReAM

Start at: 2017-09-21 21:49:08  
End at: 2017-09-21 21:49:38  
Local clock offset: -2.316 ms  
Remote clock offset: -2.083 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 16.515 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 16.515 ms  
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link

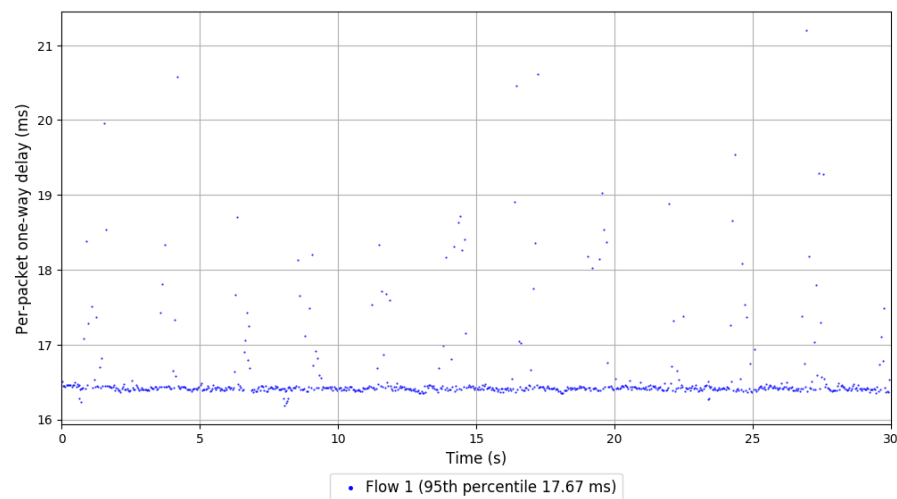
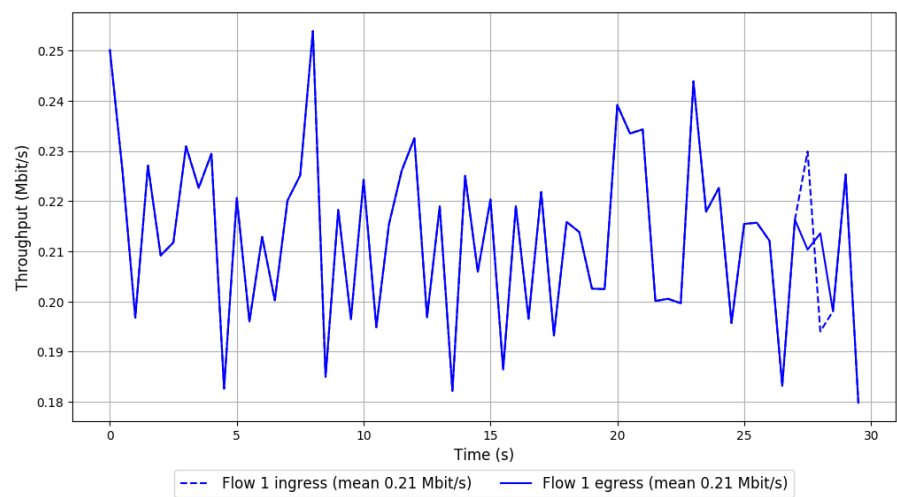


Run 10: Statistics of SReAM

Start at: 2017-09-21 22:07:18  
End at: 2017-09-21 22:07:48  
Local clock offset: -2.179 ms  
Remote clock offset: -3.282 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 17.669 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.21 Mbit/s  
95th percentile per-packet one-way delay: 17.669 ms  
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



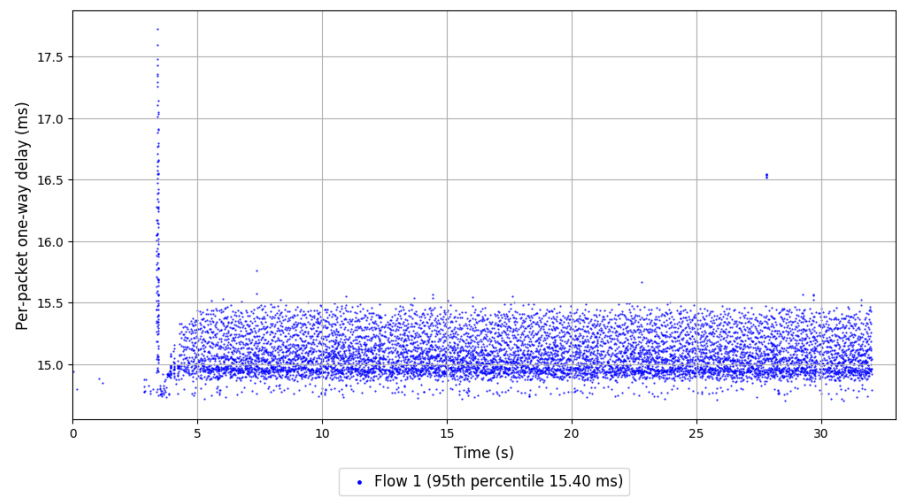
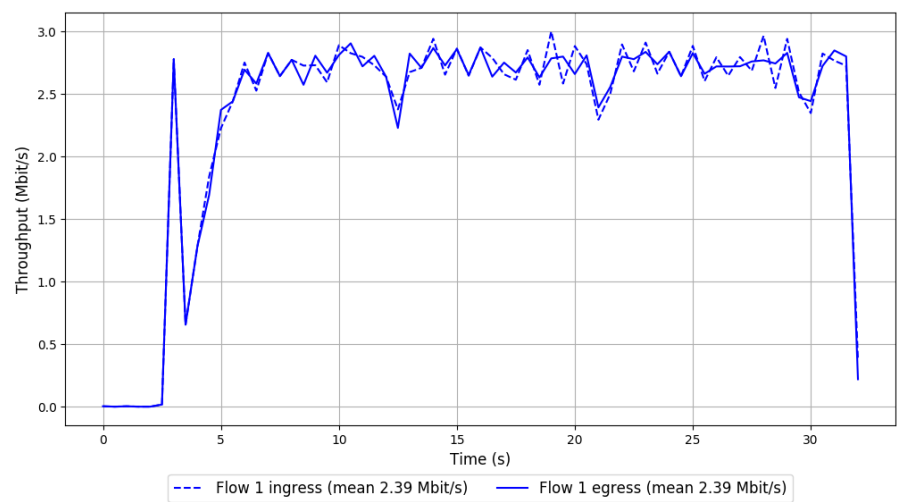
Run 1: Statistics of WebRTC media

Start at: 2017-09-21 19:23:40  
End at: 2017-09-21 19:24:10  
Local clock offset: -3.713 ms  
Remote clock offset: -2.457 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.39 Mbit/s  
95th percentile per-packet one-way delay: 15.405 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 2.39 Mbit/s  
95th percentile per-packet one-way delay: 15.405 ms  
Loss rate: 0.10%



Run 1: Report of WebRTC media — Data Link

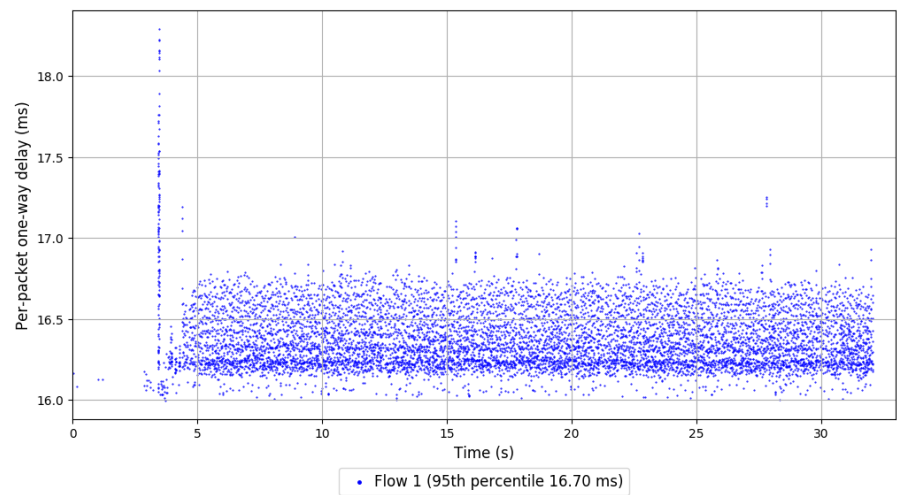
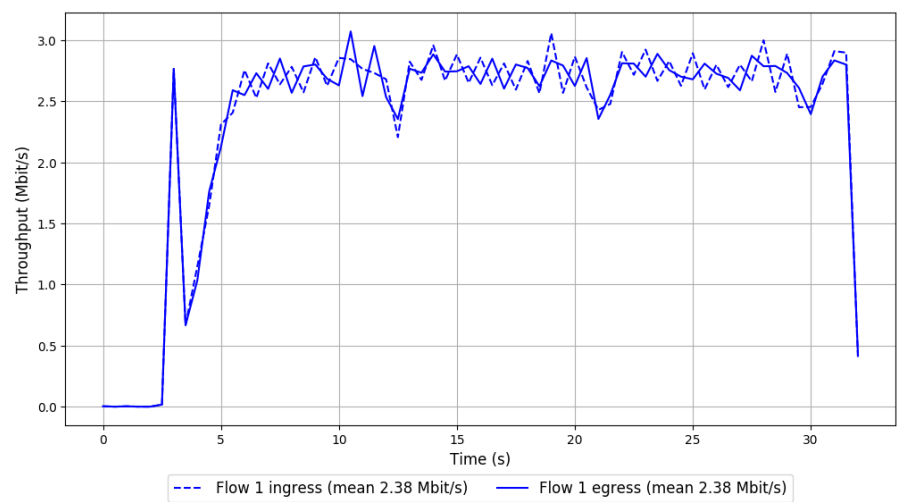


Run 2: Statistics of WebRTC media

Start at: 2017-09-21 19:40:28  
End at: 2017-09-21 19:40:58  
Local clock offset: -2.562 ms  
Remote clock offset: -2.879 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 16.700 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 16.700 ms  
Loss rate: 0.10%

Run 2: Report of WebRTC media — Data Link

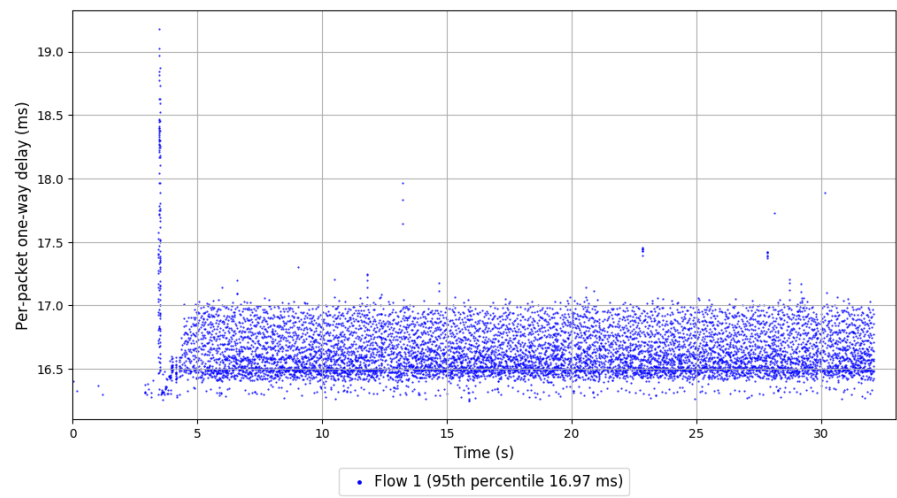
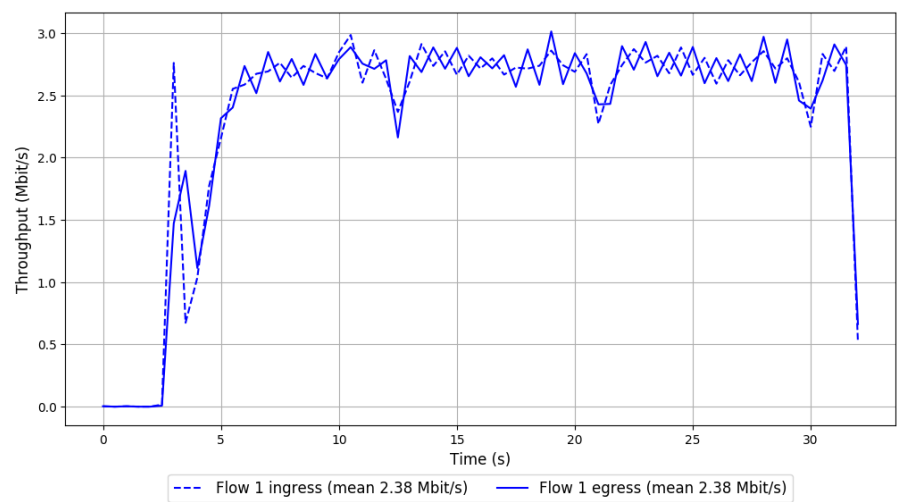


Run 3: Statistics of WebRTC media

Start at: 2017-09-21 19:56:49  
End at: 2017-09-21 19:57:19  
Local clock offset: -1.549 ms  
Remote clock offset: -2.187 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 16.967 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 16.967 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

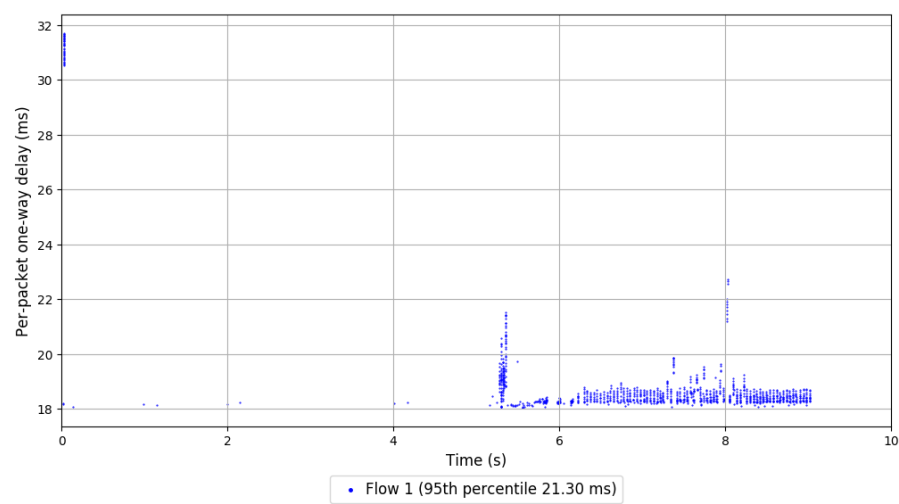
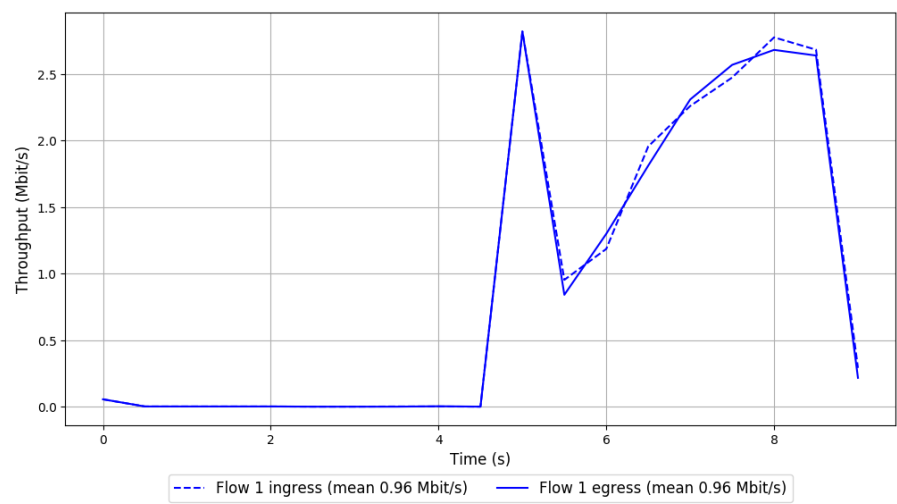
Start at: 2017-09-21 20:15:07

End at: 2017-09-21 20:15:37

Local clock offset: 0.571 ms

Remote clock offset: -1.831 ms

Run 4: Report of WebRTC media — Data Link



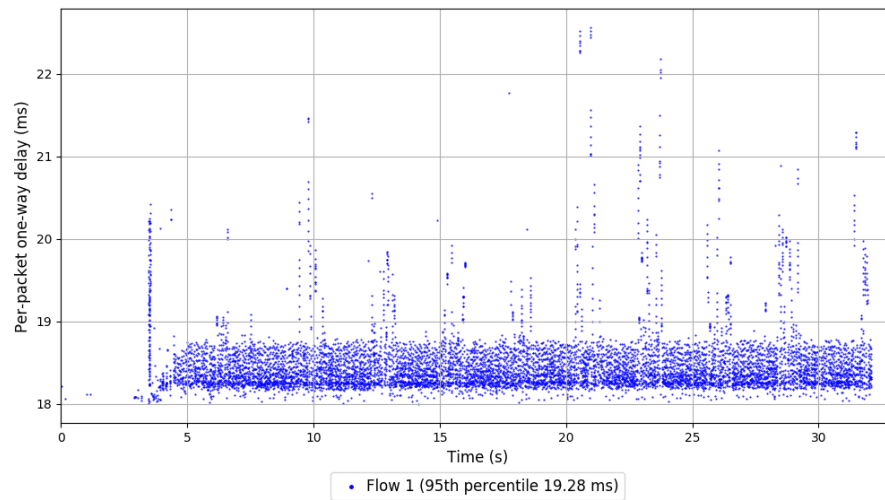
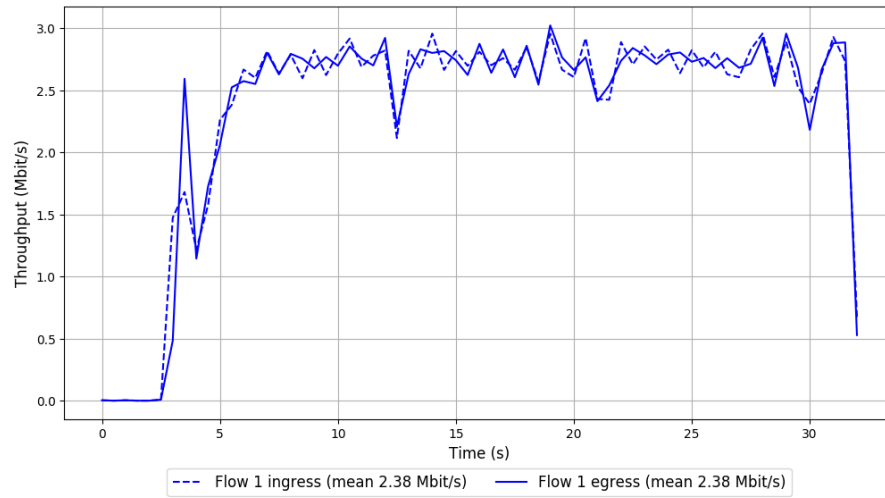
Run 5: Statistics of WebRTC media

Start at: 2017-09-21 20:32:58  
End at: 2017-09-21 20:33:28  
Local clock offset: -0.417 ms  
Remote clock offset: -2.776 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 19.284 ms  
Loss rate: 0.15%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 19.284 ms  
Loss rate: 0.15%



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

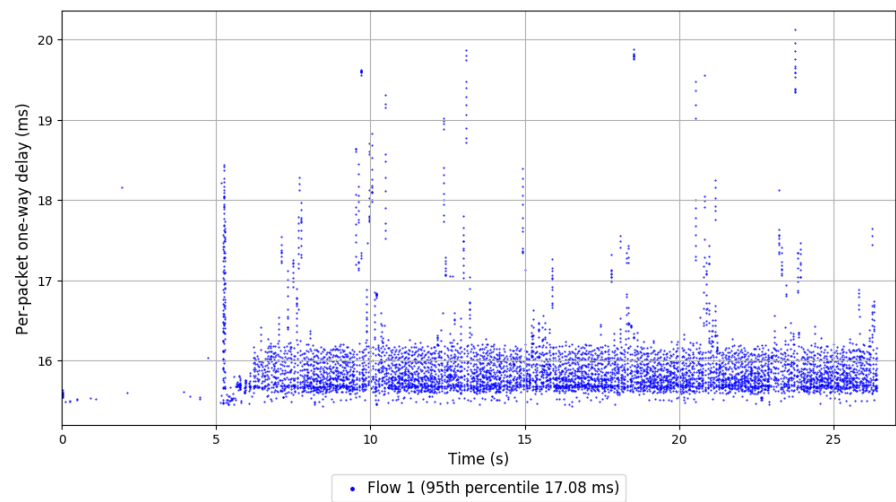
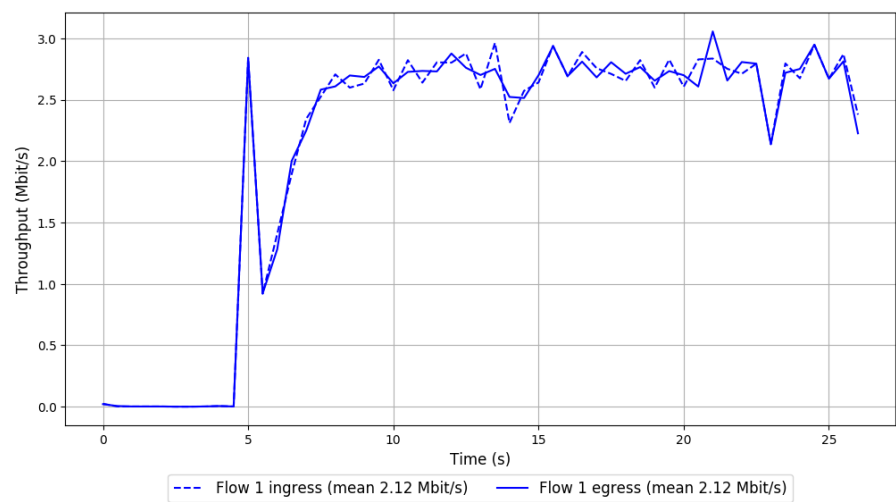


Run 6: Statistics of WebRTC media

Start at: 2017-09-21 20:51:25  
End at: 2017-09-21 20:51:55  
Local clock offset: -1.425 ms  
Remote clock offset: -1.126 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.12 Mbit/s  
95th percentile per-packet one-way delay: 17.082 ms  
Loss rate: 0.19%  
-- Flow 1:  
Average throughput: 2.12 Mbit/s  
95th percentile per-packet one-way delay: 17.082 ms  
Loss rate: 0.19%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

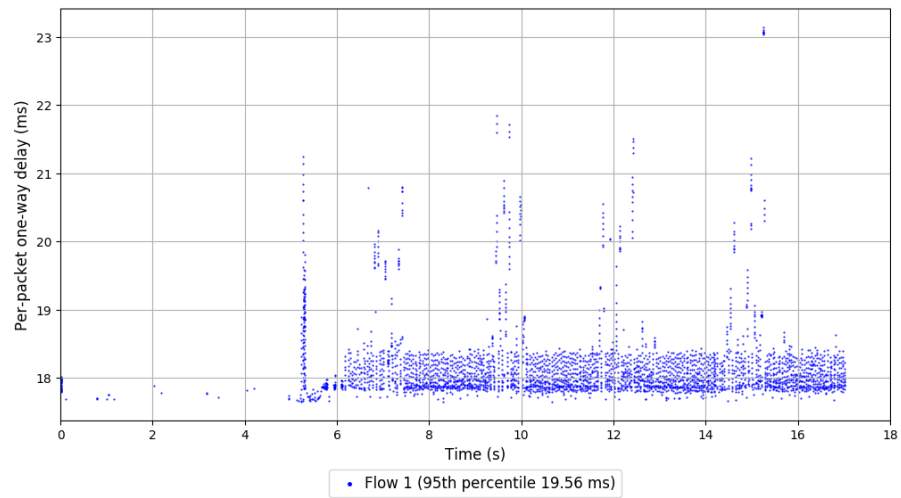
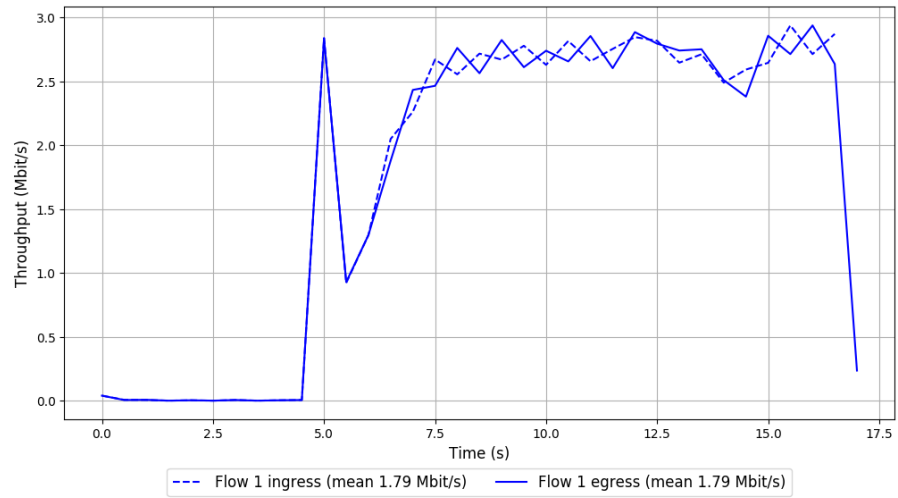
Start at: 2017-09-21 21:09:44

End at: 2017-09-21 21:10:14

Local clock offset: -0.211 ms

Remote clock offset: -2.139 ms

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



Run 8: Statistics of WebRTC media

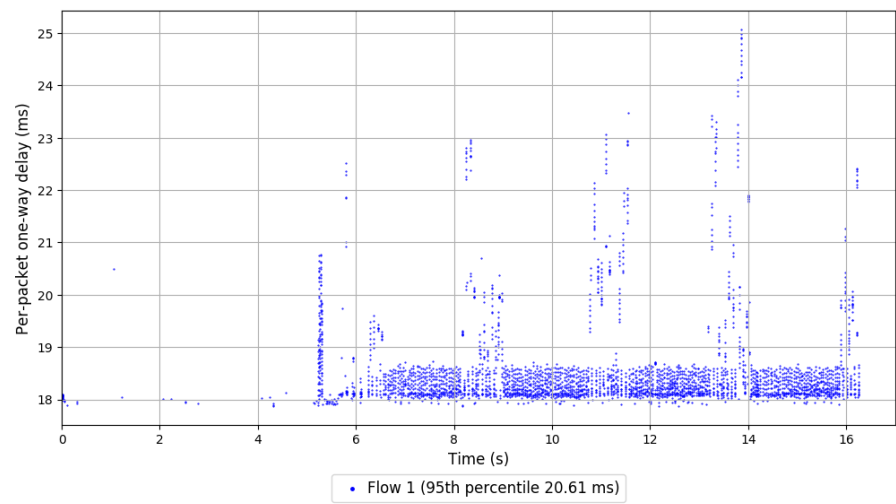
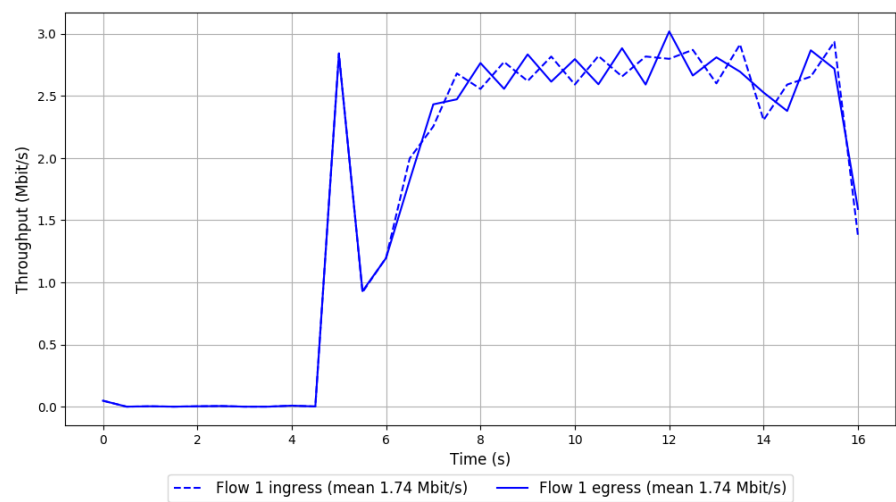
Start at: 2017-09-21 21:28:31

End at: 2017-09-21 21:29:01

Local clock offset: 0.224 ms

Remote clock offset: -2.042 ms

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-09-21 21:46:42

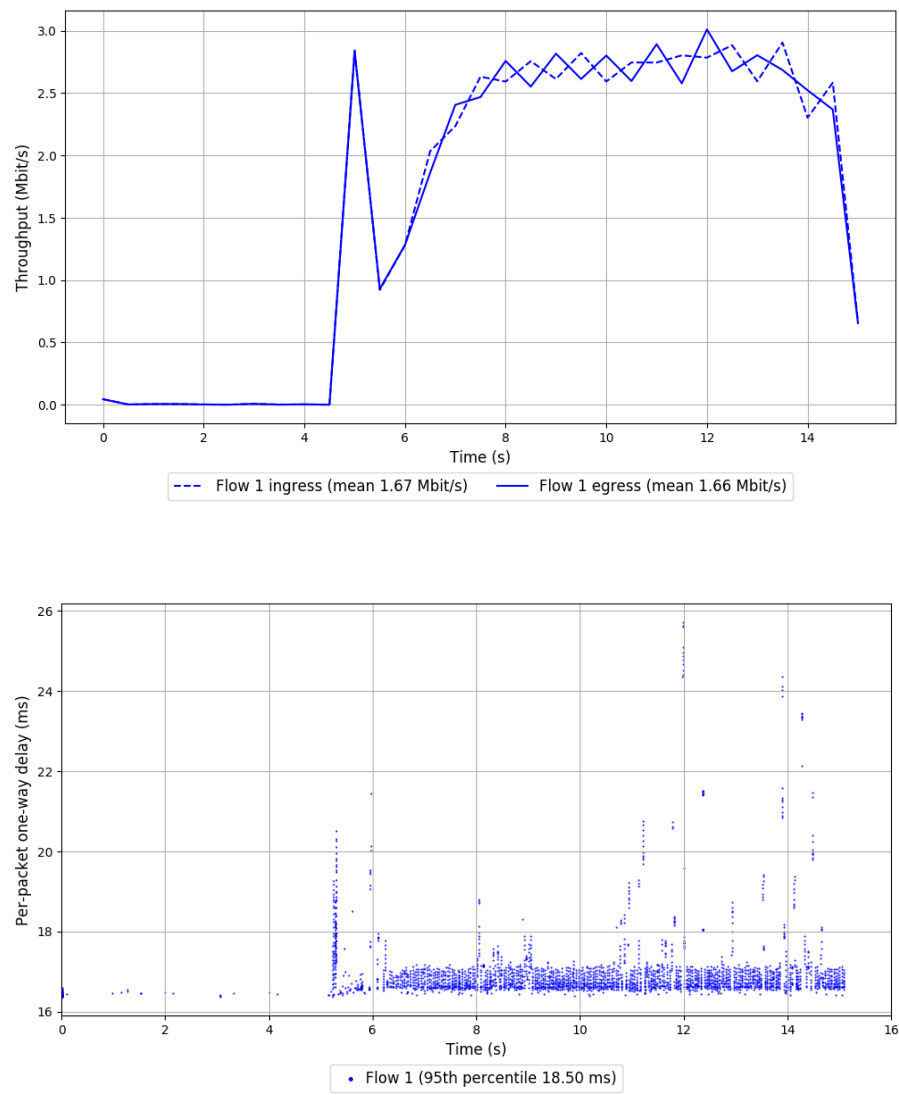
End at: 2017-09-21 21:47:12

Local clock offset: -2.4 ms

Remote clock offset: -3.274 ms



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

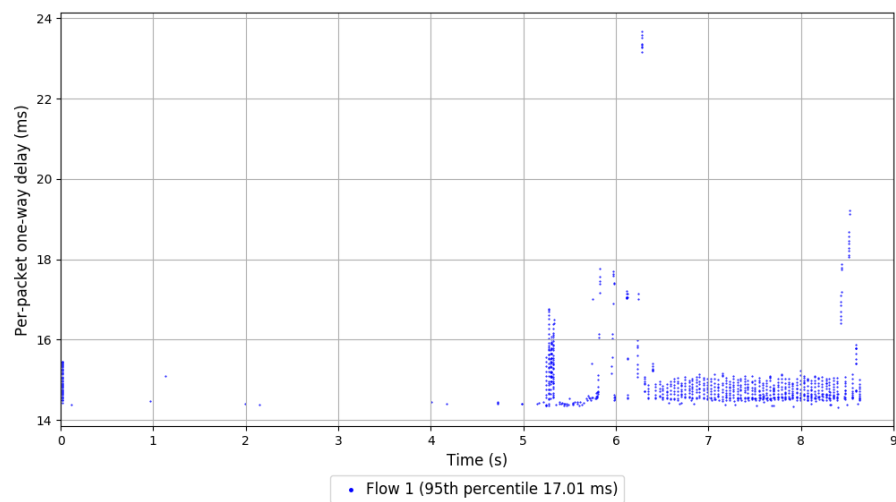
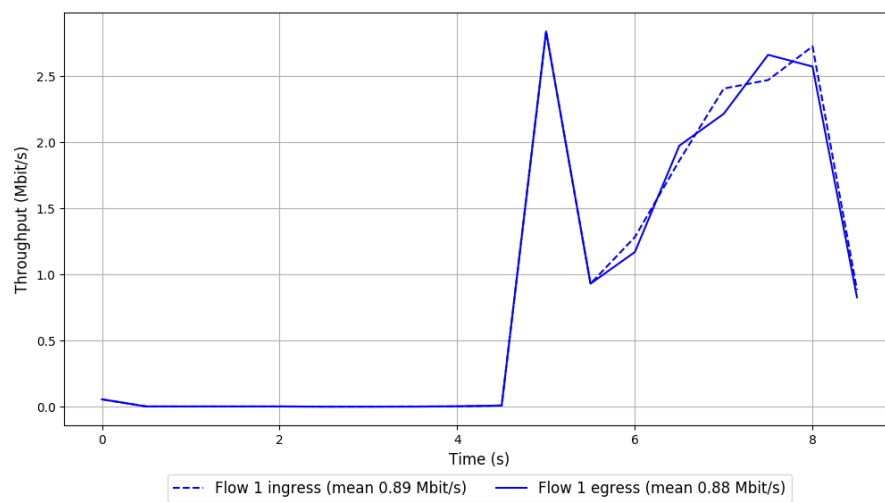
Start at: 2017-09-21 22:04:55

End at: 2017-09-21 22:05:25

Local clock offset: -2.617 ms

Remote clock offset: -1.811 ms

# Run 10: Report of WebRTC media — Data Link

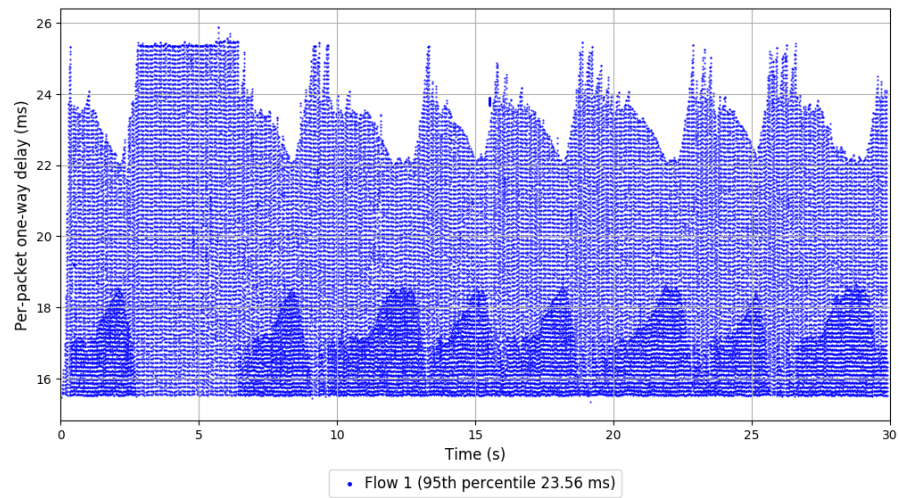
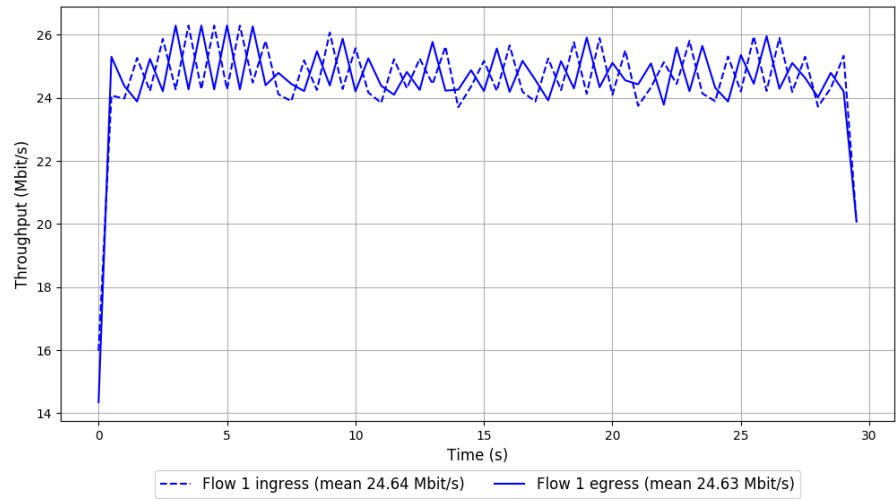


Run 1: Statistics of Sprout

Start at: 2017-09-21 19:20:05  
End at: 2017-09-21 19:20:36  
Local clock offset: -2.928 ms  
Remote clock offset: -2.229 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.63 Mbit/s  
95th percentile per-packet one-way delay: 23.560 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 24.63 Mbit/s  
95th percentile per-packet one-way delay: 23.560 ms  
Loss rate: 0.12%

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

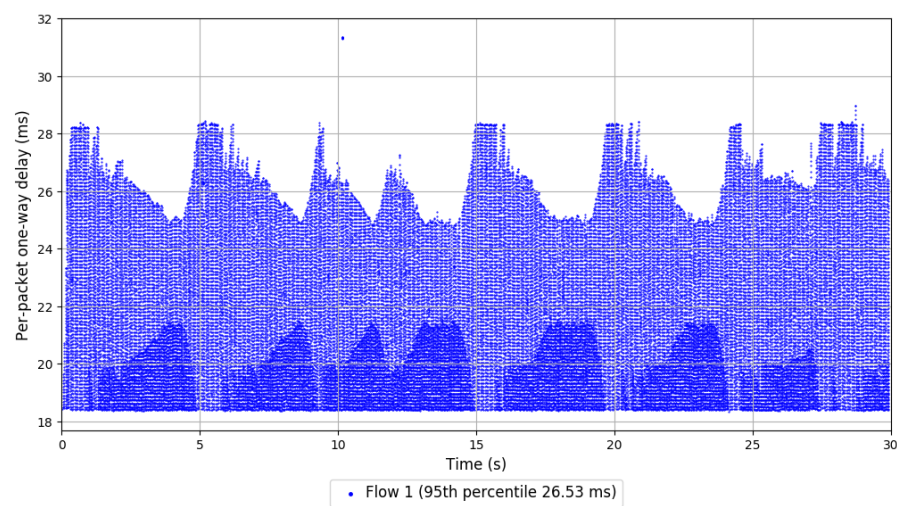
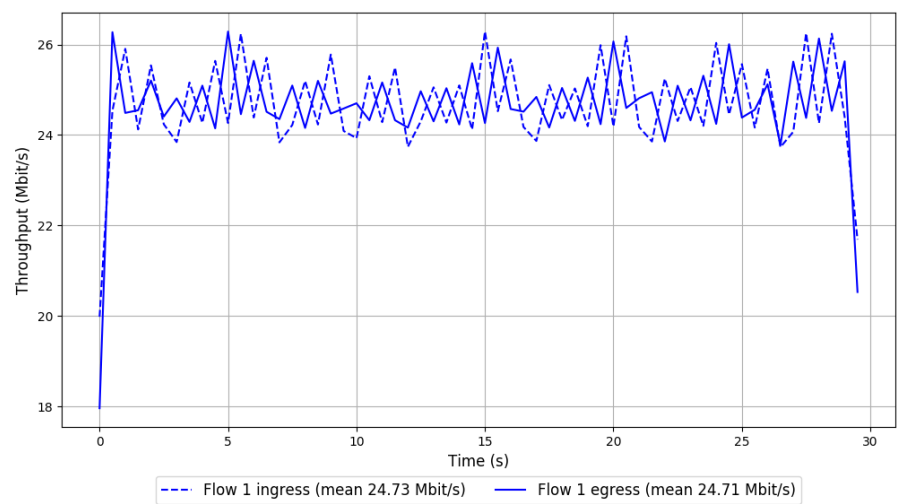


Run 2: Statistics of Sprout

Start at: 2017-09-21 19:36:51  
End at: 2017-09-21 19:37:21  
Local clock offset: -0.562 ms  
Remote clock offset: -3.047 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.71 Mbit/s  
95th percentile per-packet one-way delay: 26.526 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 24.71 Mbit/s  
95th percentile per-packet one-way delay: 26.526 ms  
Loss rate: 0.11%

Run 2: Report of Sprout — Data Link



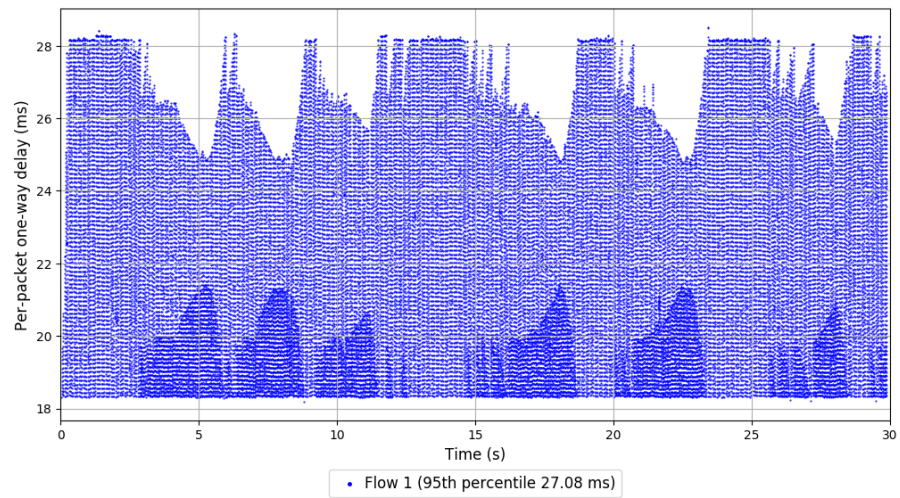
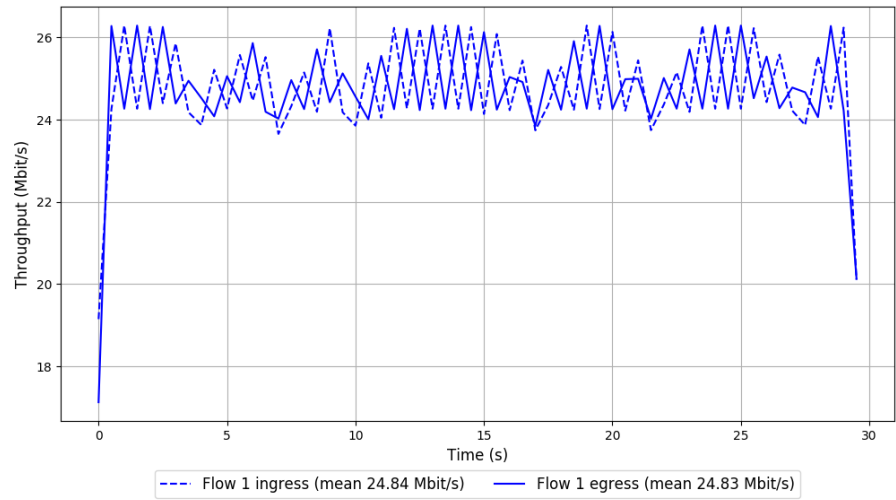
Run 3: Statistics of Sprout

Start at: 2017-09-21 19:53:19  
End at: 2017-09-21 19:53:49  
Local clock offset: -0.315 ms  
Remote clock offset: -2.806 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.83 Mbit/s  
95th percentile per-packet one-way delay: 27.076 ms  
Loss rate: 0.13%  
-- Flow 1:  
Average throughput: 24.83 Mbit/s  
95th percentile per-packet one-way delay: 27.076 ms  
Loss rate: 0.13%



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

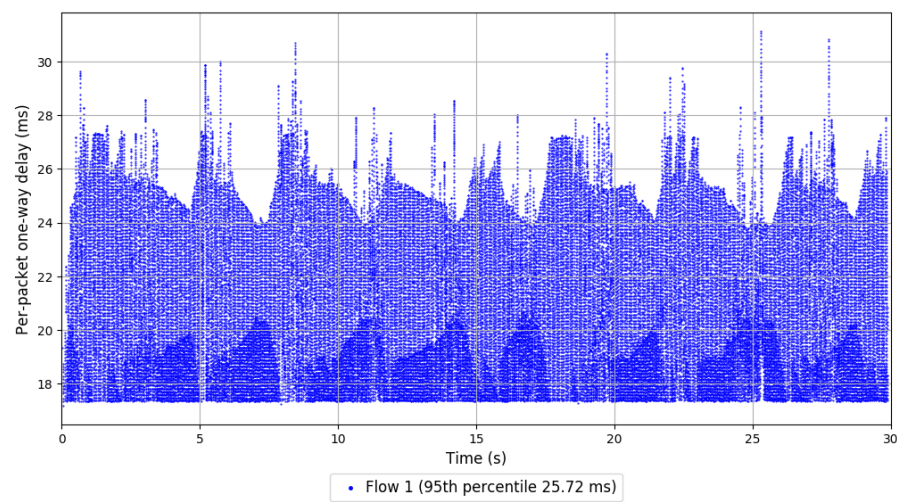
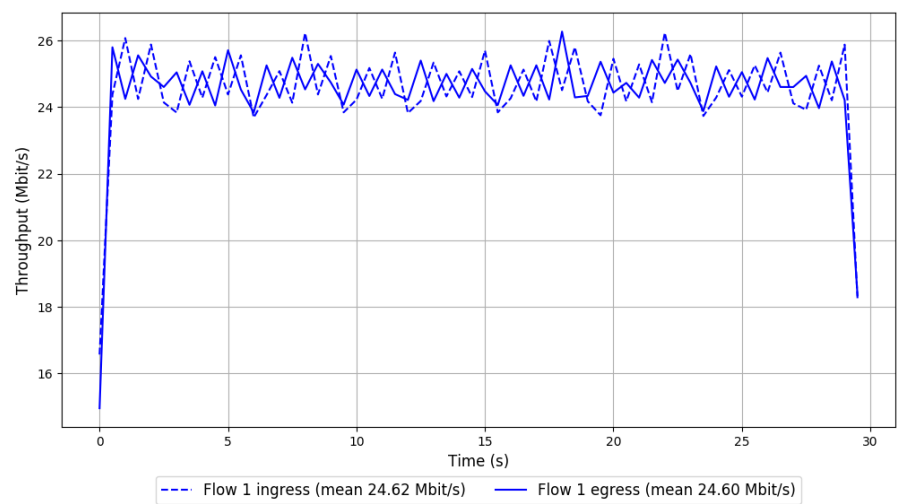


Run 4: Statistics of Sprout

Start at: 2017-09-21 20:11:17  
End at: 2017-09-21 20:11:47  
Local clock offset: -0.632 ms  
Remote clock offset: -2.152 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.60 Mbit/s  
95th percentile per-packet one-way delay: 25.717 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 24.60 Mbit/s  
95th percentile per-packet one-way delay: 25.717 ms  
Loss rate: 0.12%

Run 4: Report of Sprout — Data Link

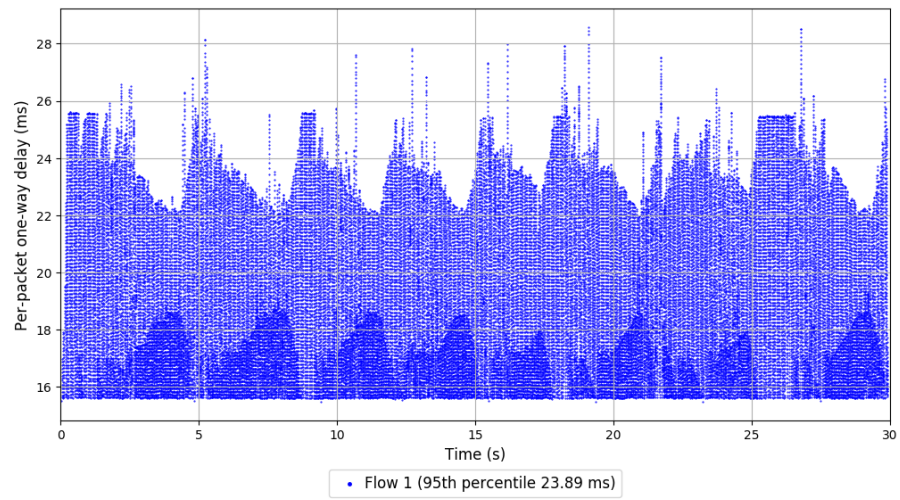
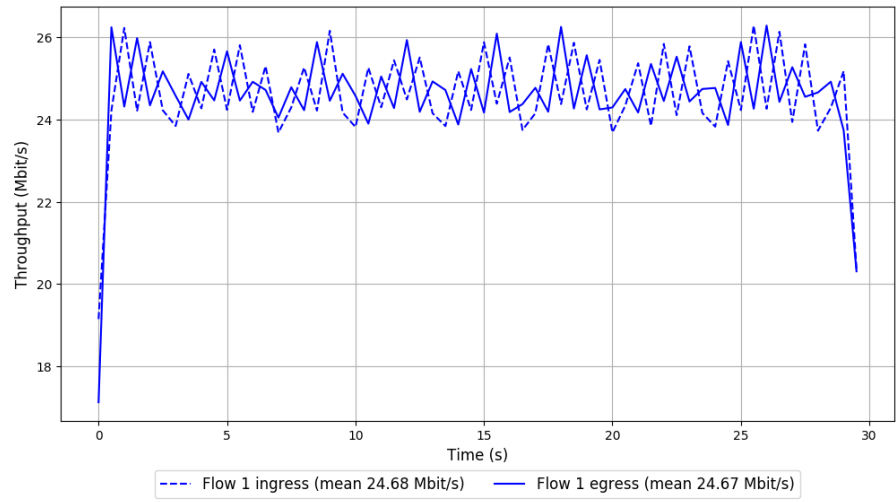


Run 5: Statistics of Sprout

Start at: 2017-09-21 20:29:22  
End at: 2017-09-21 20:29:52  
Local clock offset: -2.36 ms  
Remote clock offset: -2.105 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.67 Mbit/s  
95th percentile per-packet one-way delay: 23.895 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 24.67 Mbit/s  
95th percentile per-packet one-way delay: 23.895 ms  
Loss rate: 0.11%

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

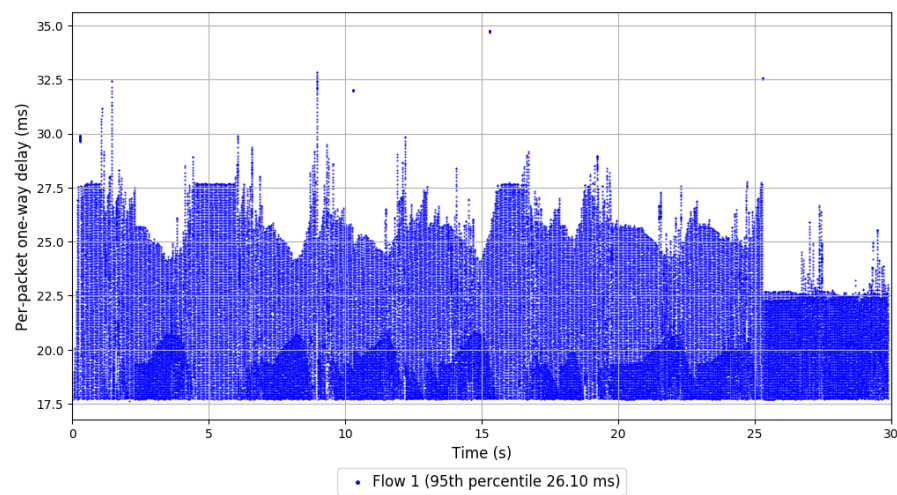
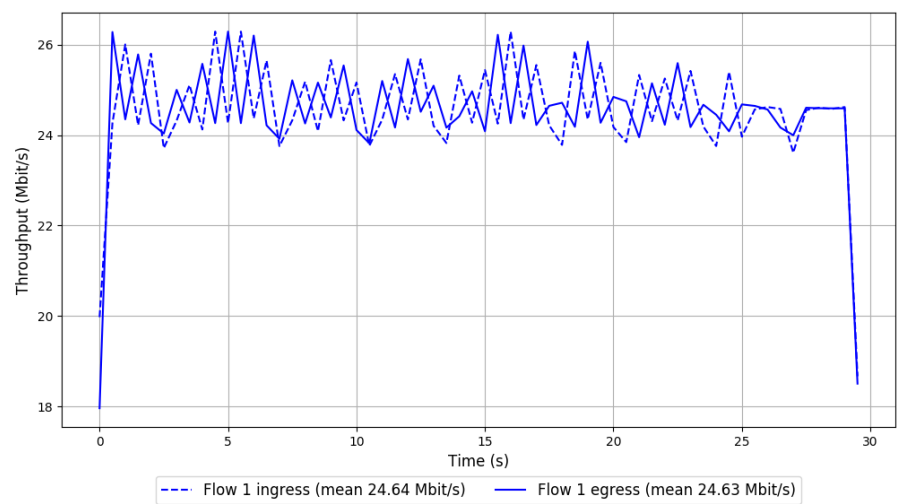


Run 6: Statistics of Sprout

Start at: 2017-09-21 20:47:18  
End at: 2017-09-21 20:47:48  
Local clock offset: -0.208 ms  
Remote clock offset: -1.984 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.63 Mbit/s  
95th percentile per-packet one-way delay: 26.100 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 24.63 Mbit/s  
95th percentile per-packet one-way delay: 26.100 ms  
Loss rate: 0.08%

Run 6: Report of Sprout — Data Link



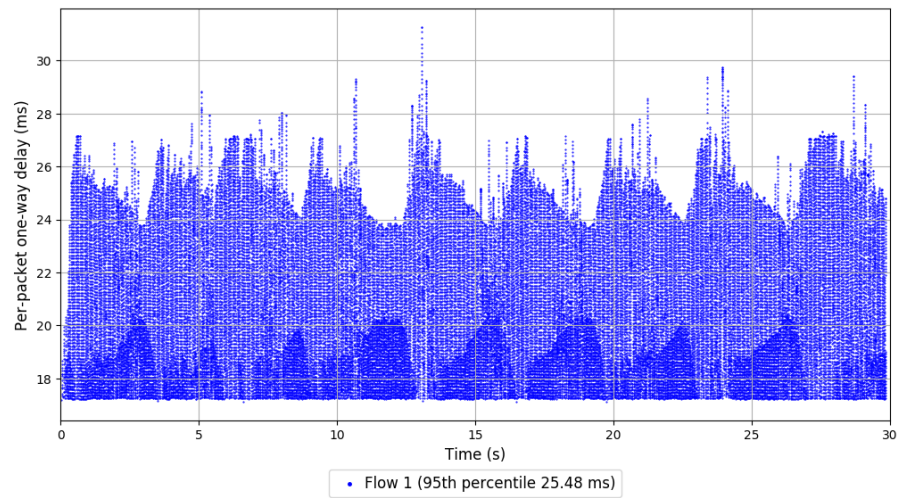
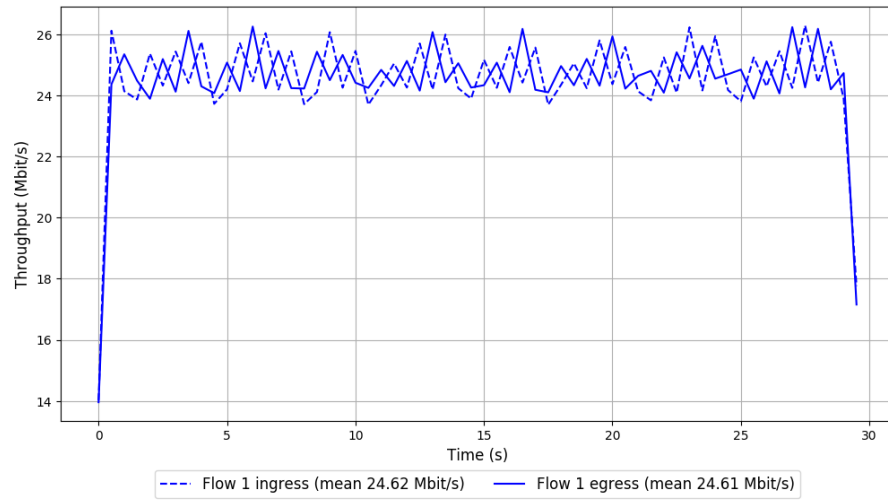
Run 7: Statistics of Sprout

Start at: 2017-09-21 21:05:46  
End at: 2017-09-21 21:06:16  
Local clock offset: -0.06 ms  
Remote clock offset: -1.391 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.61 Mbit/s  
95th percentile per-packet one-way delay: 25.477 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 24.61 Mbit/s  
95th percentile per-packet one-way delay: 25.477 ms  
Loss rate: 0.11%



## Run 7: Report of Sprout — Data Link

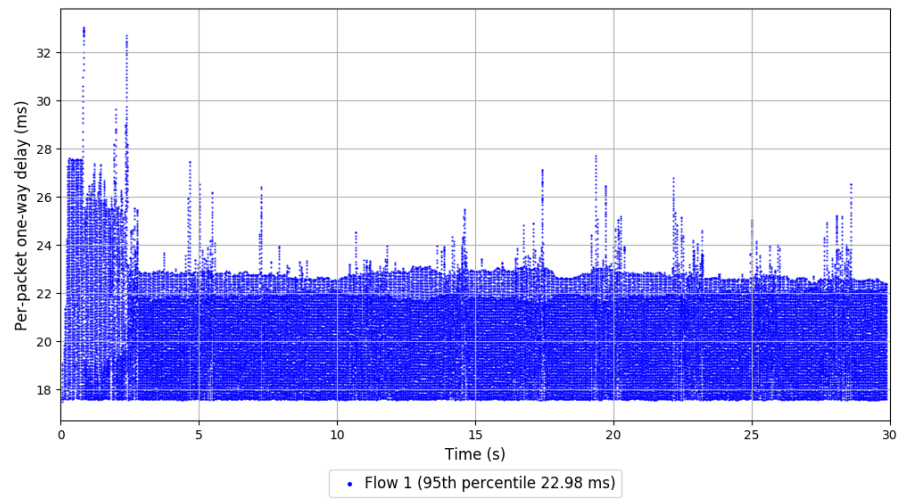
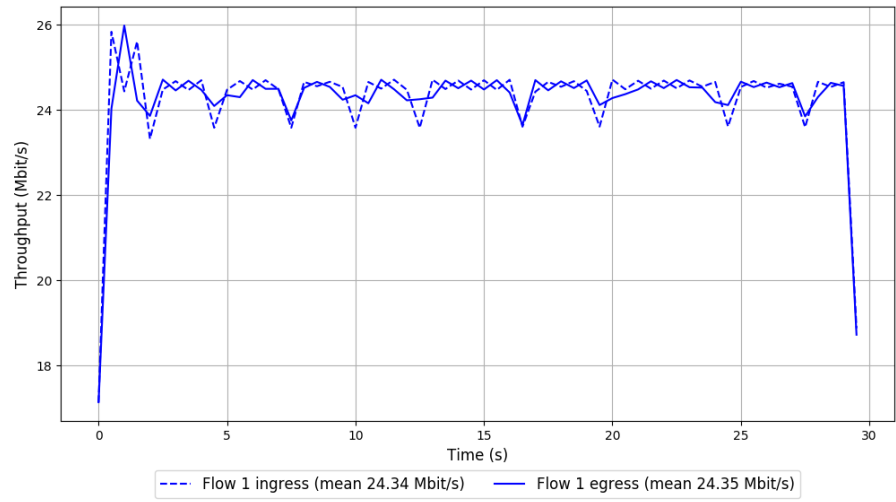


Run 8: Statistics of Sprout

Start at: 2017-09-21 21:24:35  
End at: 2017-09-21 21:25:05  
Local clock offset: -0.474 ms  
Remote clock offset: -2.197 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.35 Mbit/s  
95th percentile per-packet one-way delay: 22.975 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 24.35 Mbit/s  
95th percentile per-packet one-way delay: 22.975 ms  
Loss rate: 0.08%

# Run 8: Report of Sprout — Data Link

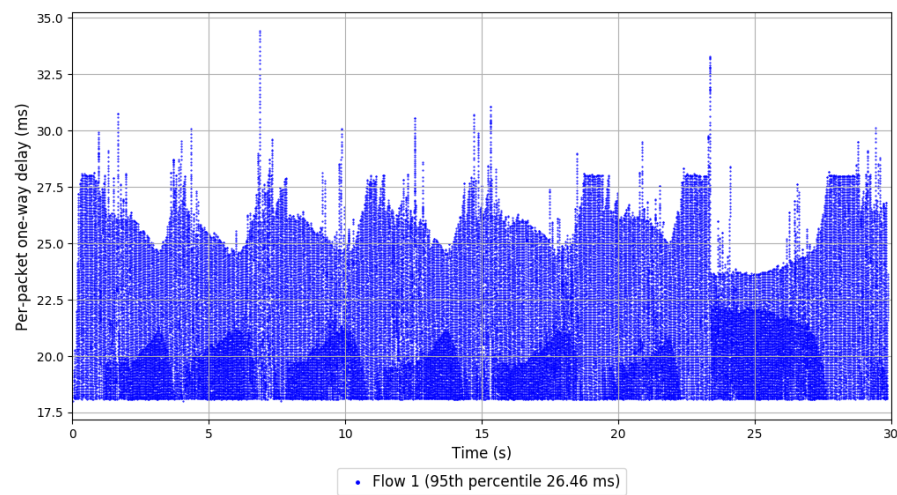
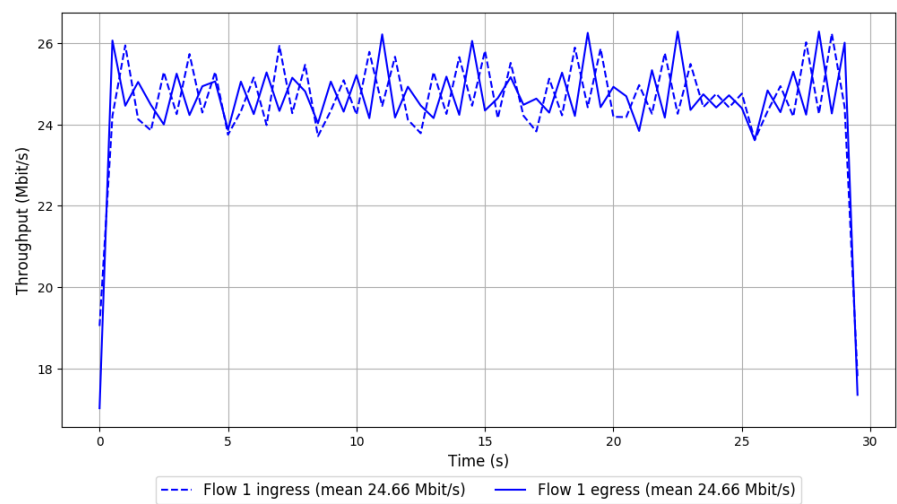


Run 9: Statistics of Sprout

Start at: 2017-09-21 21:42:45  
End at: 2017-09-21 21:43:15  
Local clock offset: 0.464 ms  
Remote clock offset: -1.917 ms

# Below is generated by plot.py at 2017-09-21 22:29:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.66 Mbit/s  
95th percentile per-packet one-way delay: 26.460 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 24.66 Mbit/s  
95th percentile per-packet one-way delay: 26.460 ms  
Loss rate: 0.06%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-09-21 22:01:03

End at: 2017-09-21 22:01:33

Local clock offset: 0.253 ms

Remote clock offset: -2.221 ms

# Below is generated by plot.py at 2017-09-21 22:29:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.71 Mbit/s

95th percentile per-packet one-way delay: 26.610 ms

Loss rate: 0.14%

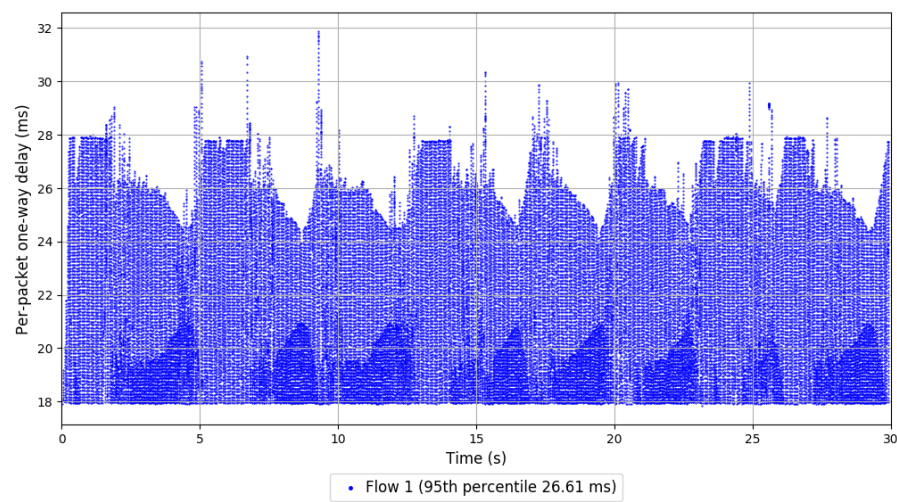
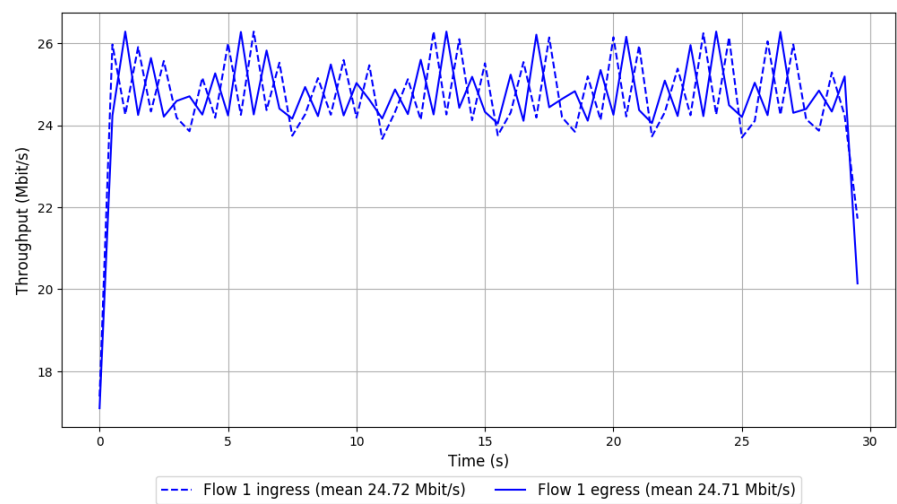
-- Flow 1:

Average throughput: 24.71 Mbit/s

95th percentile per-packet one-way delay: 26.610 ms

Loss rate: 0.14%

Run 10: Report of Sprout — Data Link



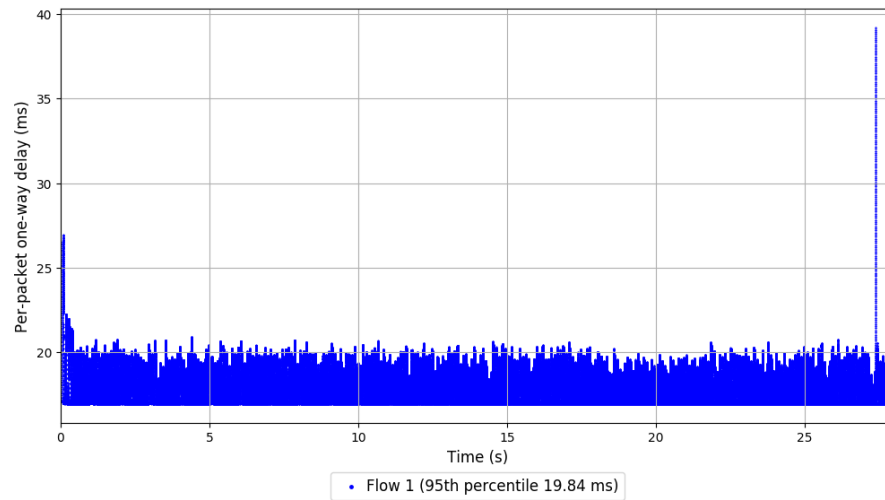
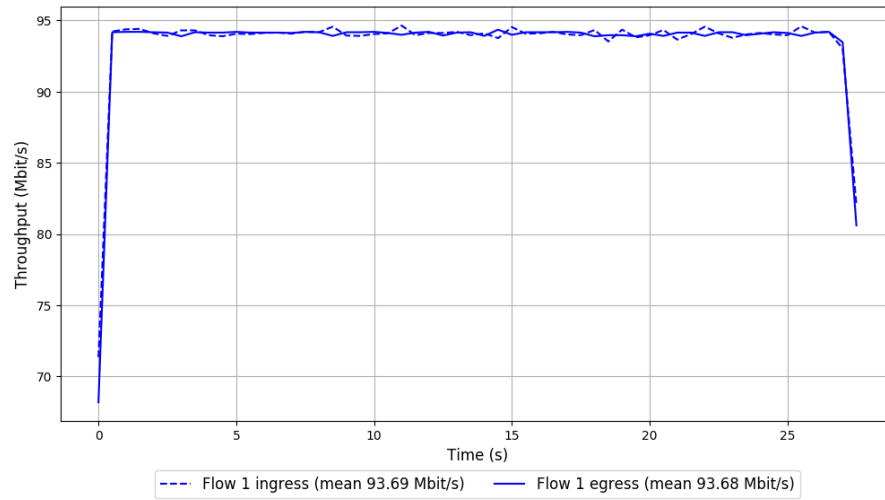
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-21 19:34:19  
End at: 2017-09-21 19:34:49  
Local clock offset: -0.609 ms  
Remote clock offset: -1.643 ms

# Below is generated by plot.py at 2017-09-21 22:30:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.68 Mbit/s  
95th percentile per-packet one-way delay: 19.838 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 93.68 Mbit/s  
95th percentile per-packet one-way delay: 19.838 ms  
Loss rate: 0.09%



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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-21 19:50:49

End at: 2017-09-21 19:51:19

Local clock offset: -3.269 ms

Remote clock offset: -2.87 ms

# Below is generated by plot.py at 2017-09-21 22:31:00

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.93 Mbit/s

95th percentile per-packet one-way delay: 18.923 ms

Loss rate: 0.10%

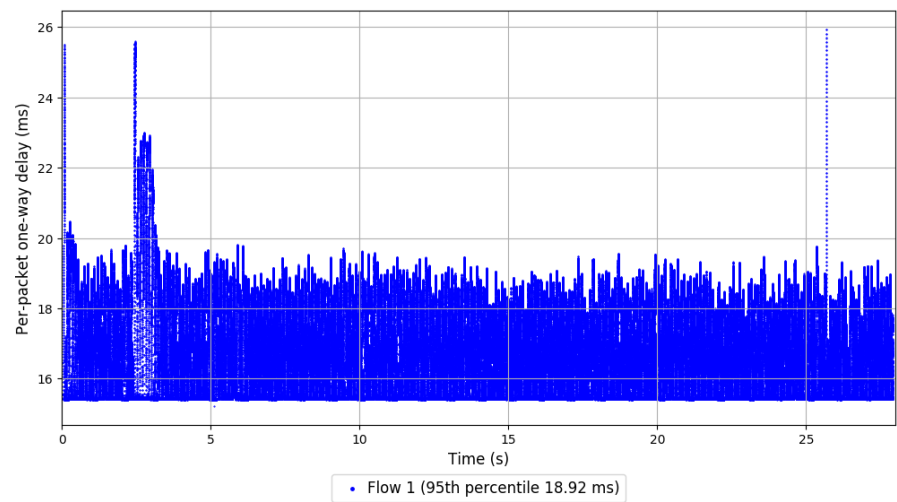
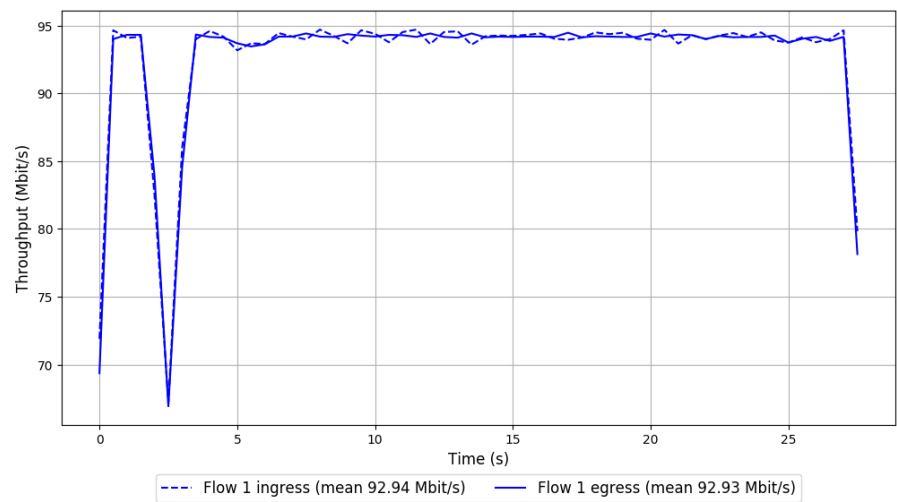
-- Flow 1:

Average throughput: 92.93 Mbit/s

95th percentile per-packet one-way delay: 18.923 ms

Loss rate: 0.10%

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

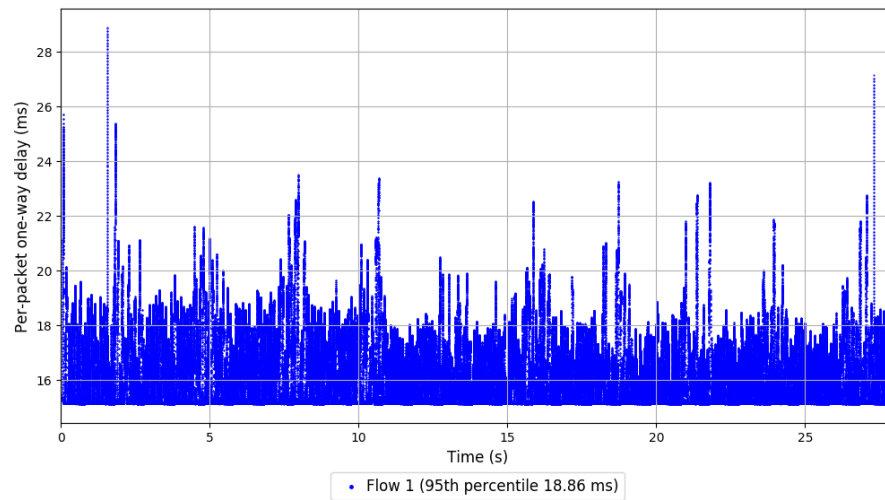
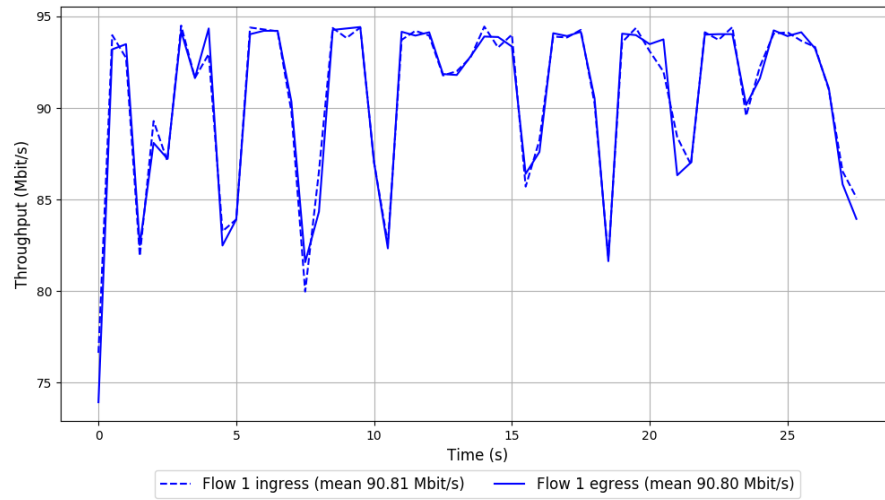


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-21 20:08:18  
End at: 2017-09-21 20:08:48  
Local clock offset: -2.818 ms  
Remote clock offset: -2.127 ms

# Below is generated by plot.py at 2017-09-21 22:31:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.80 Mbit/s  
95th percentile per-packet one-way delay: 18.857 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 90.80 Mbit/s  
95th percentile per-packet one-way delay: 18.857 ms  
Loss rate: 0.09%

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

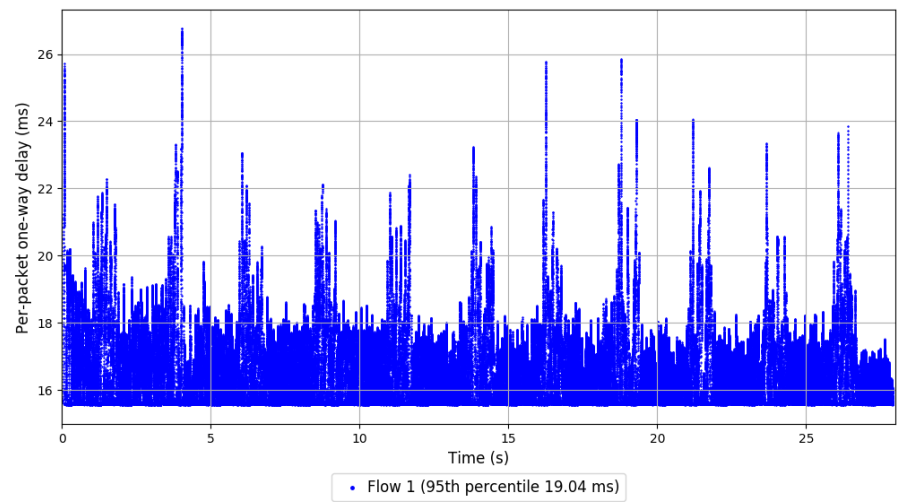
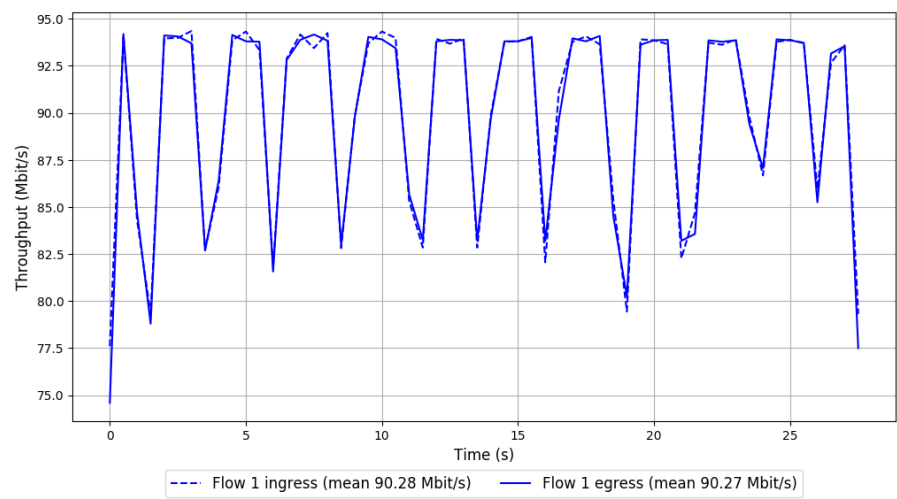


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-21 20:26:35  
End at: 2017-09-21 20:27:05  
Local clock offset: -2.816 ms  
Remote clock offset: -2.546 ms

# Below is generated by plot.py at 2017-09-21 22:31:01  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.27 Mbit/s  
95th percentile per-packet one-way delay: 19.044 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 90.27 Mbit/s  
95th percentile per-packet one-way delay: 19.044 ms  
Loss rate: 0.10%

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



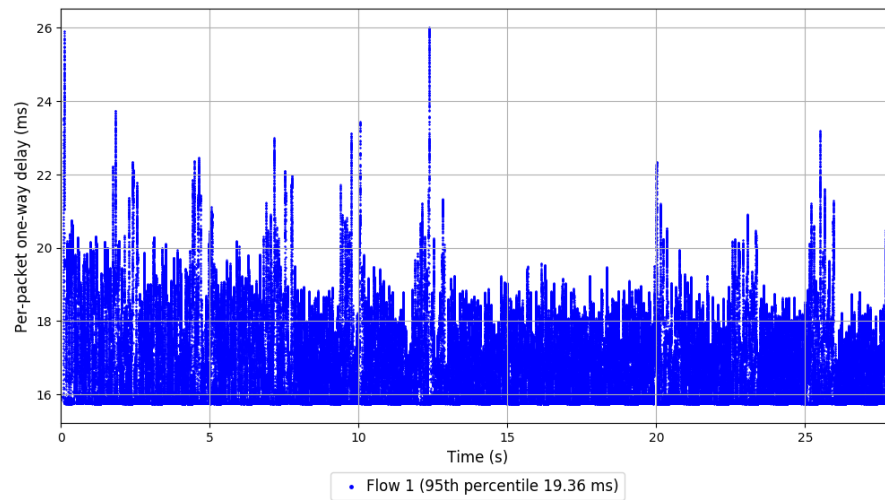
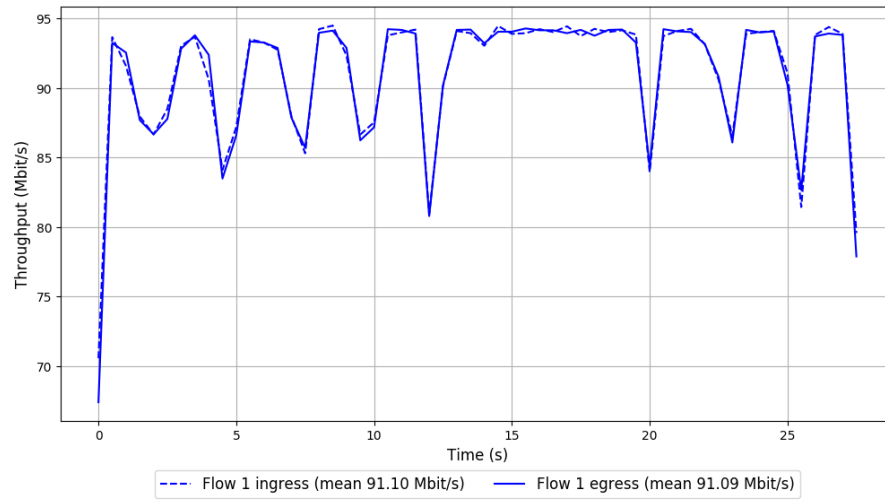
Run 5: Statistics of TaoVA-100x

Start at: 2017-09-21 20:44:39  
End at: 2017-09-21 20:45:09  
Local clock offset: -2.675 ms  
Remote clock offset: -2.508 ms

# Below is generated by plot.py at 2017-09-21 22:31:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.09 Mbit/s  
95th percentile per-packet one-way delay: 19.360 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 91.09 Mbit/s  
95th percentile per-packet one-way delay: 19.360 ms  
Loss rate: 0.10%



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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-21 21:02:55

End at: 2017-09-21 21:03:25

Local clock offset: 0.039 ms

Remote clock offset: -2.044 ms

# Below is generated by plot.py at 2017-09-21 22:31:16

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.07 Mbit/s

95th percentile per-packet one-way delay: 20.994 ms

Loss rate: 0.09%

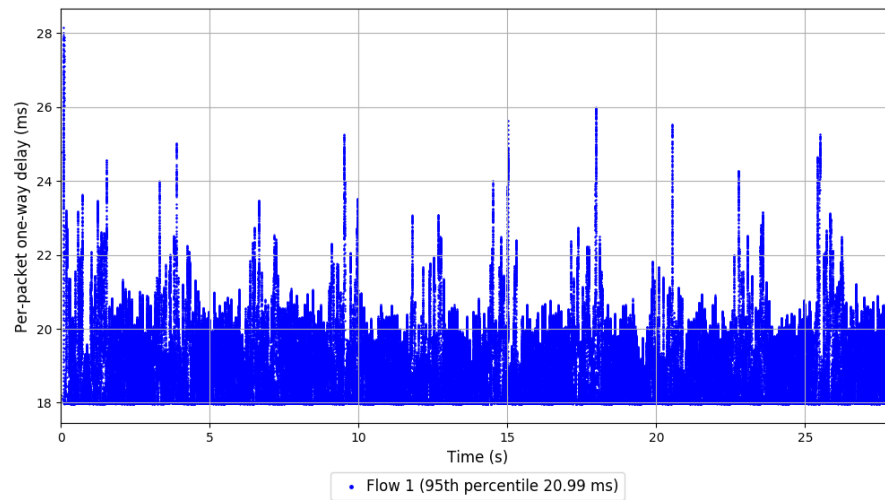
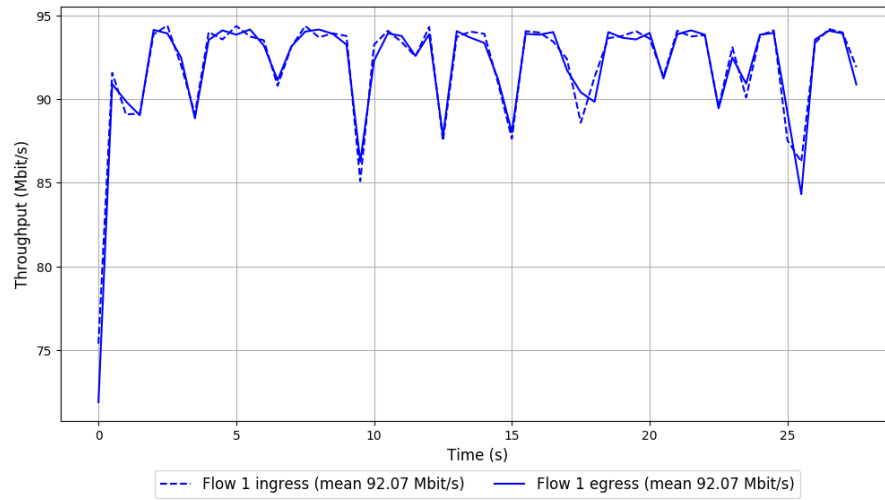
-- Flow 1:

Average throughput: 92.07 Mbit/s

95th percentile per-packet one-way delay: 20.994 ms

Loss rate: 0.09%

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

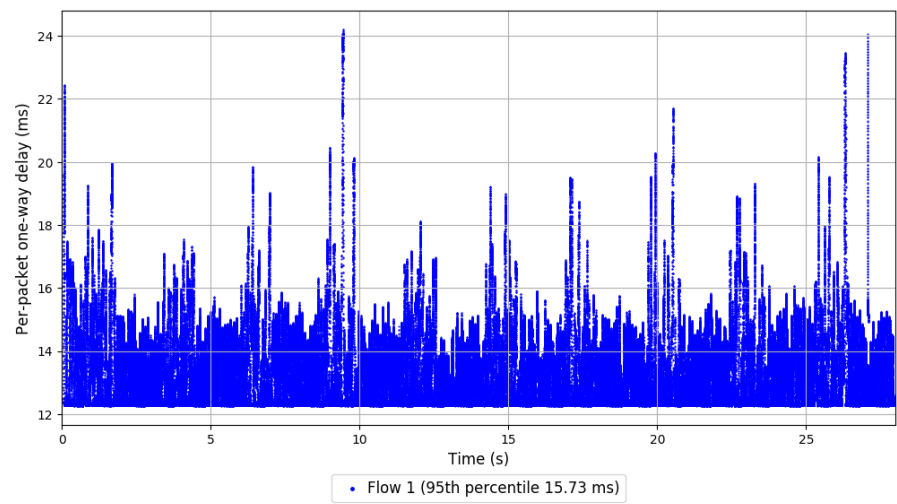
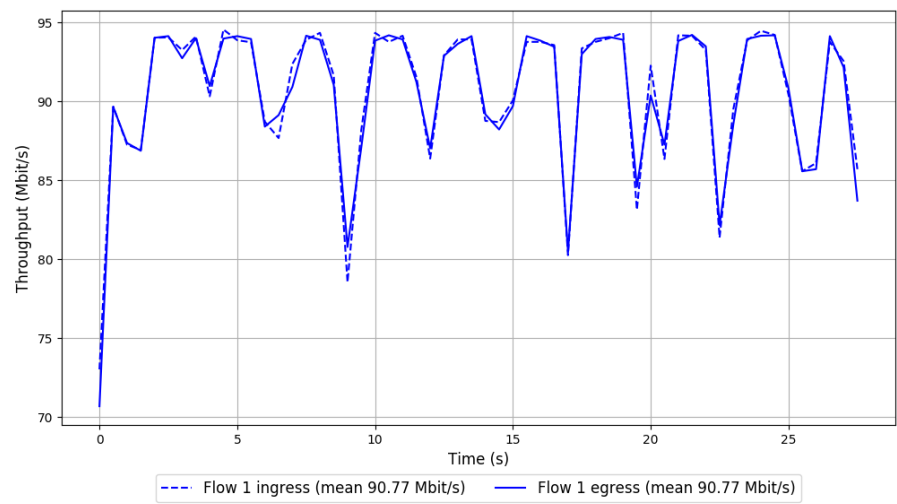


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-21 21:21:29  
End at: 2017-09-21 21:21:59  
Local clock offset: -7.807 ms  
Remote clock offset: -4.235 ms

# Below is generated by plot.py at 2017-09-21 22:31:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 90.77 Mbit/s  
95th percentile per-packet one-way delay: 15.733 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 90.77 Mbit/s  
95th percentile per-packet one-way delay: 15.733 ms  
Loss rate: 0.10%

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

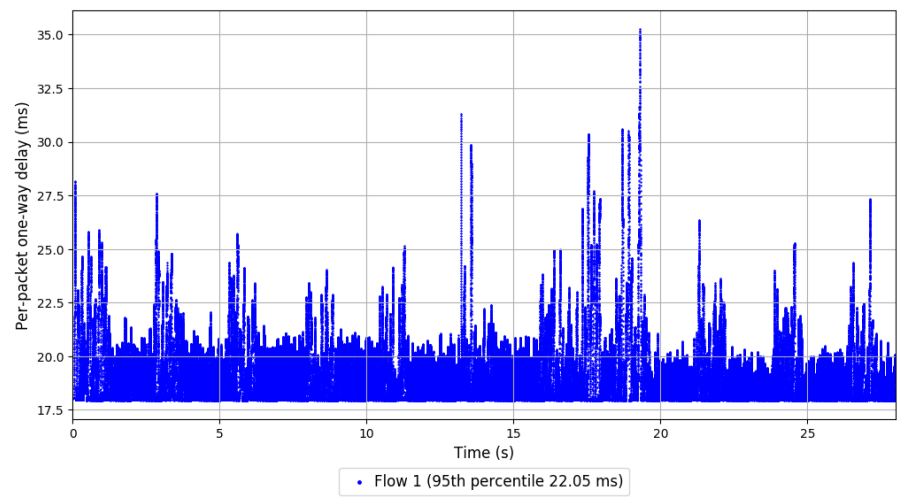
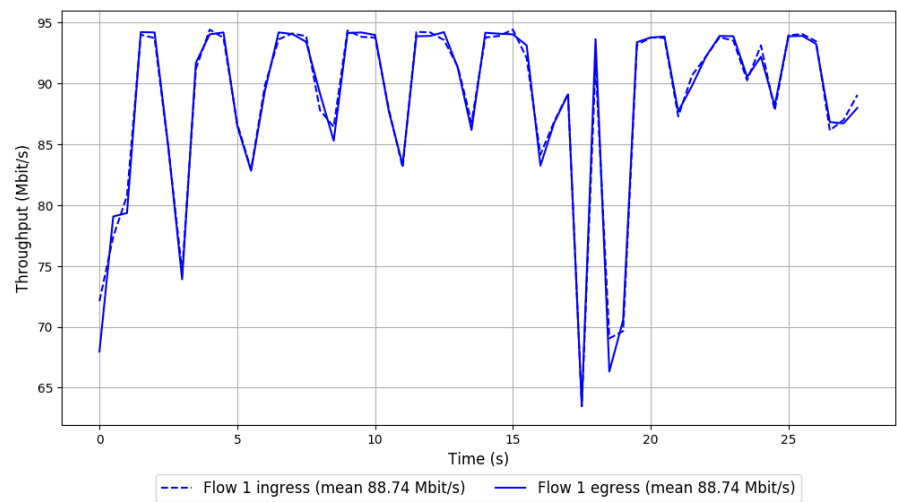


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-21 21:40:09  
End at: 2017-09-21 21:40:39  
Local clock offset: -0.075 ms  
Remote clock offset: -2.318 ms

# Below is generated by plot.py at 2017-09-21 22:31:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 88.74 Mbit/s  
95th percentile per-packet one-way delay: 22.051 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 88.74 Mbit/s  
95th percentile per-packet one-way delay: 22.051 ms  
Loss rate: 0.09%

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



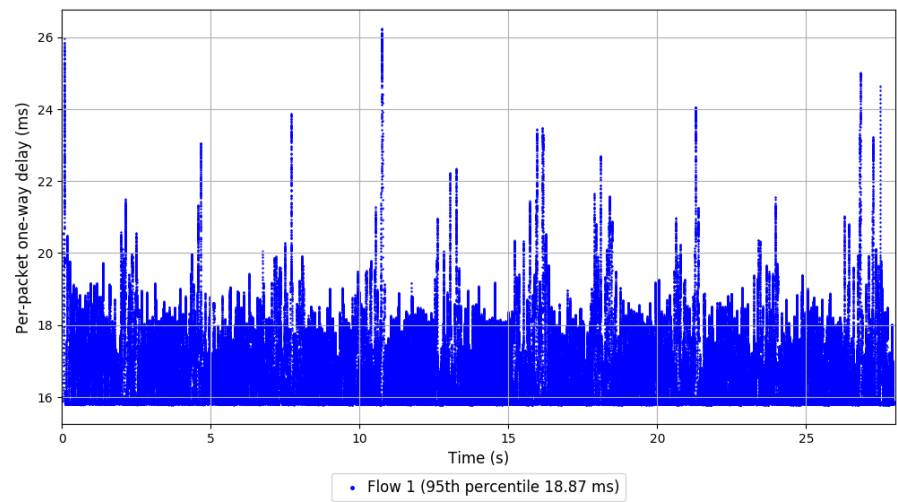
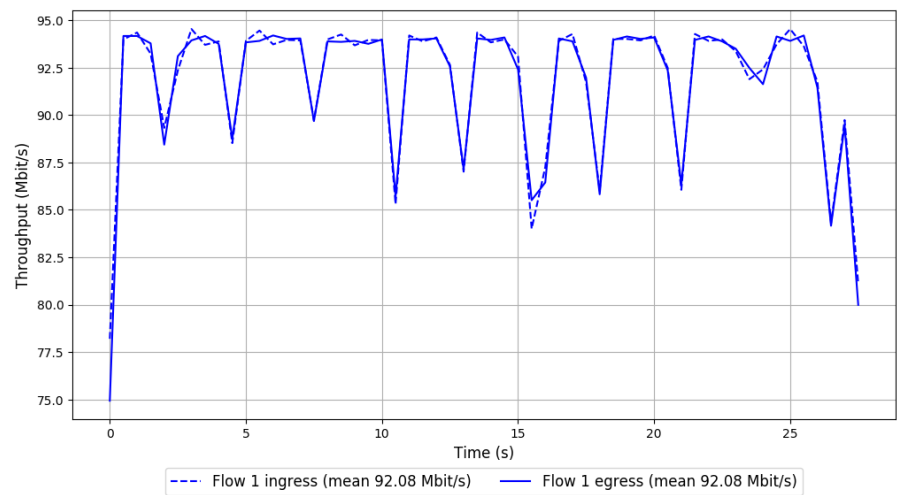
Run 9: Statistics of TaoVA-100x

Start at: 2017-09-21 21:58:11  
End at: 2017-09-21 21:58:41  
Local clock offset: -2.568 ms  
Remote clock offset: -2.885 ms

# Below is generated by plot.py at 2017-09-21 22:33:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.08 Mbit/s  
95th percentile per-packet one-way delay: 18.871 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 92.08 Mbit/s  
95th percentile per-packet one-way delay: 18.871 ms  
Loss rate: 0.09%



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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-21 22:15:58

End at: 2017-09-21 22:16:28

Local clock offset: -0.116 ms

Remote clock offset: -2.929 ms

# Below is generated by plot.py at 2017-09-21 22:33:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 21.653 ms

Loss rate: 0.07%

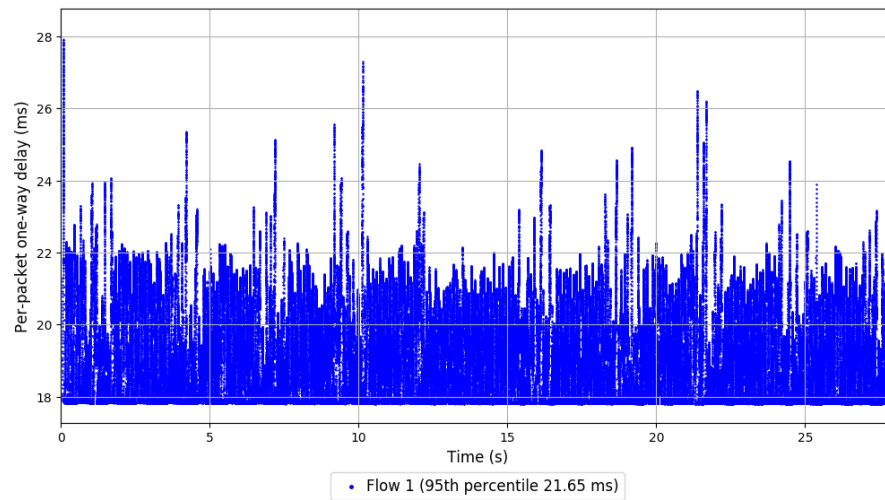
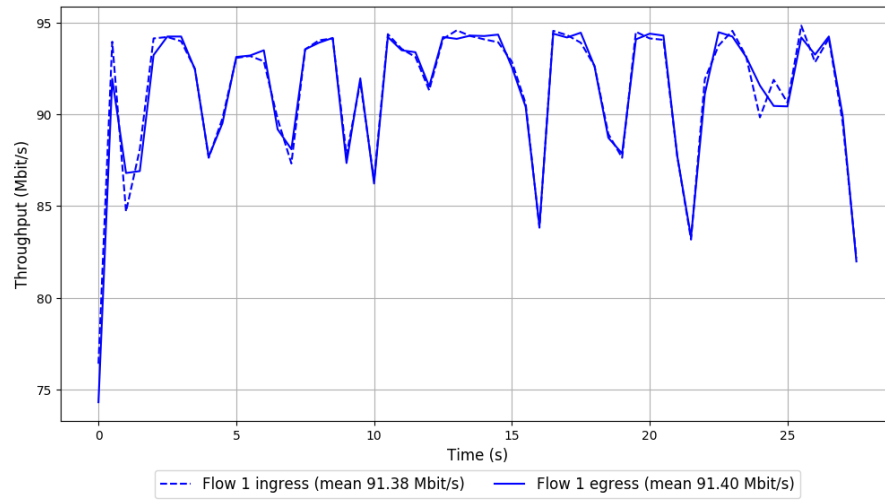
-- Flow 1:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 21.653 ms

Loss rate: 0.07%

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

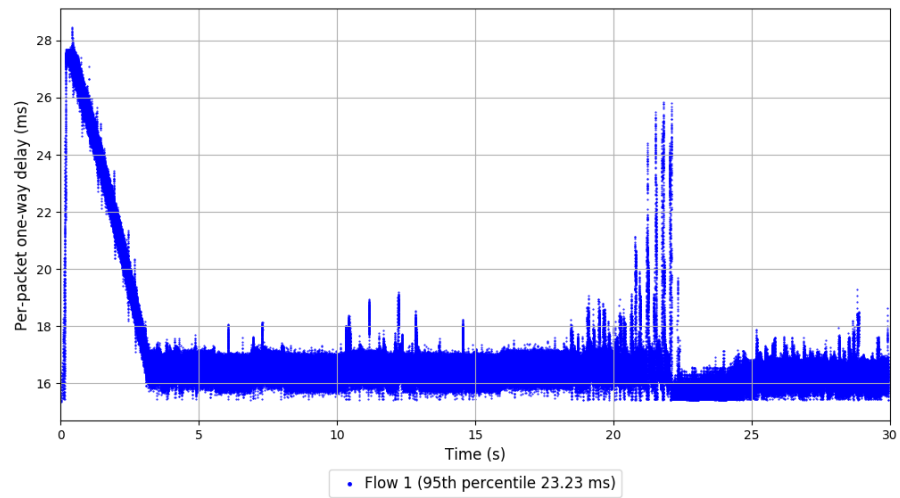
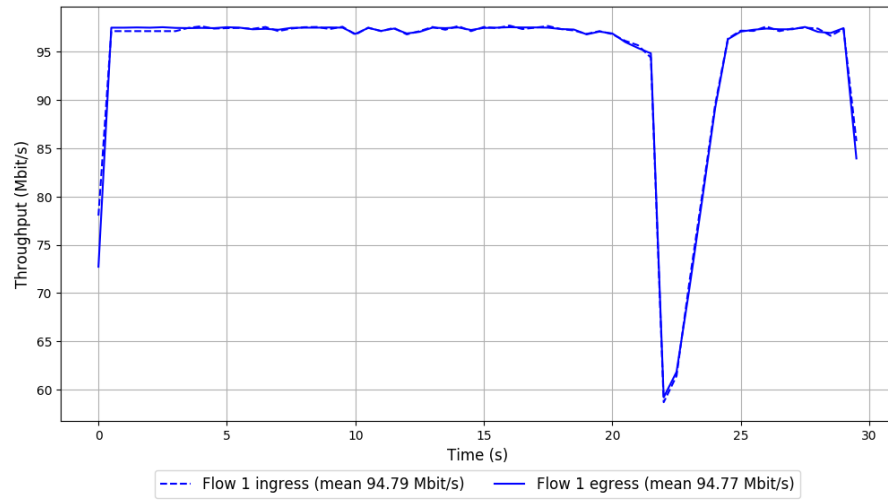


Run 1: Statistics of TCP Vegas

Start at: 2017-09-21 19:21:13  
End at: 2017-09-21 19:21:43  
Local clock offset: -3.181 ms  
Remote clock offset: -2.401 ms

# Below is generated by plot.py at 2017-09-21 22:33:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.77 Mbit/s  
95th percentile per-packet one-way delay: 23.225 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 94.77 Mbit/s  
95th percentile per-packet one-way delay: 23.225 ms  
Loss rate: 0.10%

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

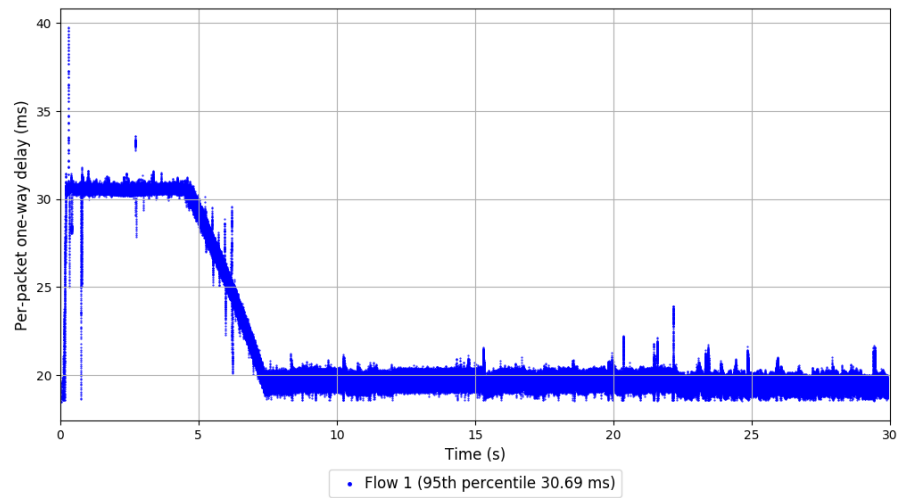
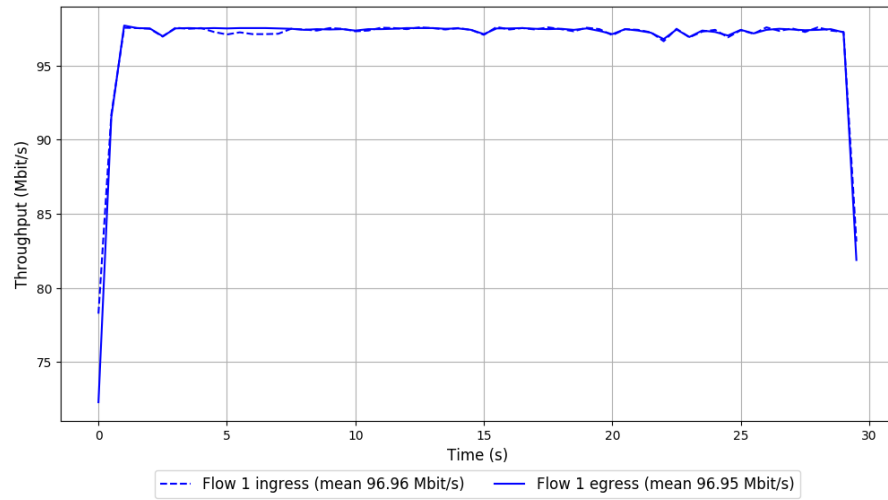


Run 2: Statistics of TCP Vegas

Start at: 2017-09-21 19:37:57  
End at: 2017-09-21 19:38:27  
Local clock offset: -0.141 ms  
Remote clock offset: -2.811 ms

# Below is generated by plot.py at 2017-09-21 22:33:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.95 Mbit/s  
95th percentile per-packet one-way delay: 30.689 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.95 Mbit/s  
95th percentile per-packet one-way delay: 30.689 ms  
Loss rate: 0.09%

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



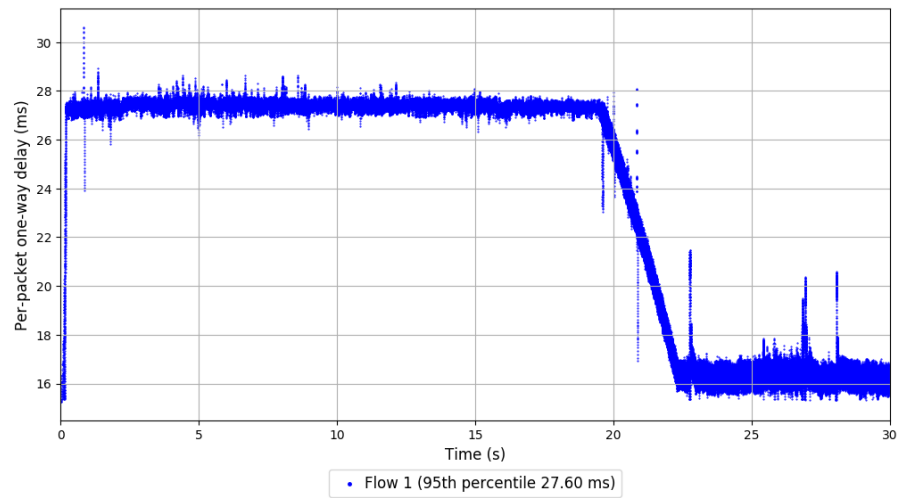
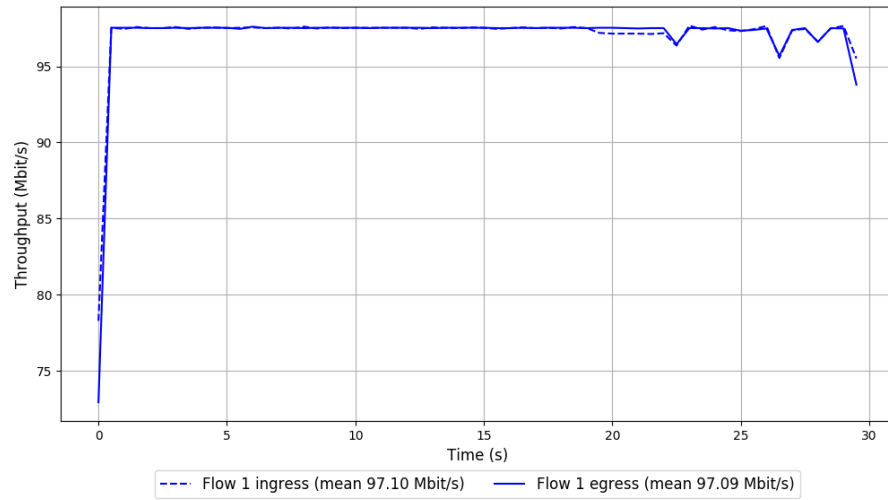
Run 3: Statistics of TCP Vegas

Start at: 2017-09-21 19:54:25  
End at: 2017-09-21 19:54:55  
Local clock offset: -2.665 ms  
Remote clock offset: -2.215 ms

# Below is generated by plot.py at 2017-09-21 22:33:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 27.603 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 97.09 Mbit/s  
95th percentile per-packet one-way delay: 27.603 ms  
Loss rate: 0.09%



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

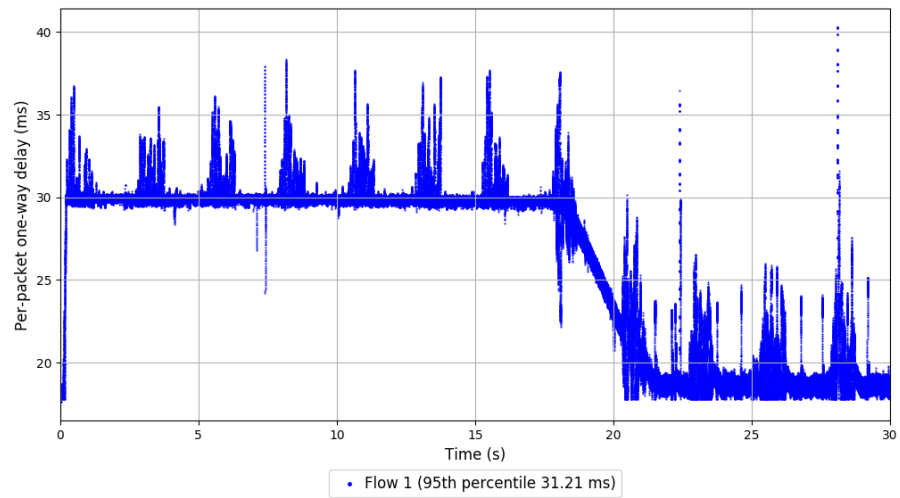
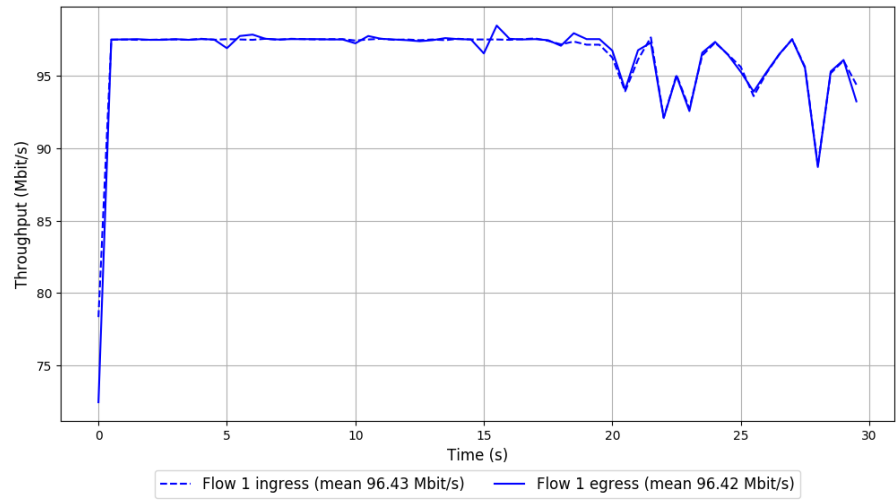


Run 4: Statistics of TCP Vegas

Start at: 2017-09-21 20:12:25  
End at: 2017-09-21 20:12:55  
Local clock offset: -0.289 ms  
Remote clock offset: -2.257 ms

# Below is generated by plot.py at 2017-09-21 22:33:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 31.208 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 96.42 Mbit/s  
95th percentile per-packet one-way delay: 31.208 ms  
Loss rate: 0.08%

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

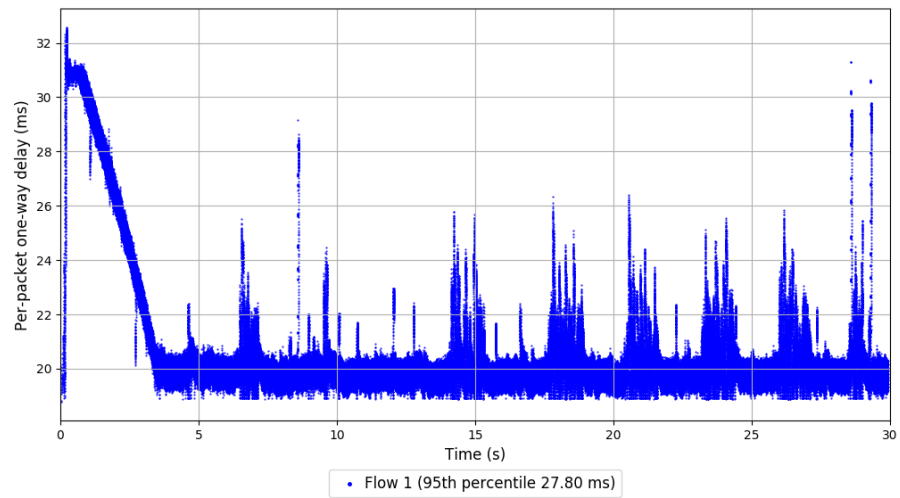
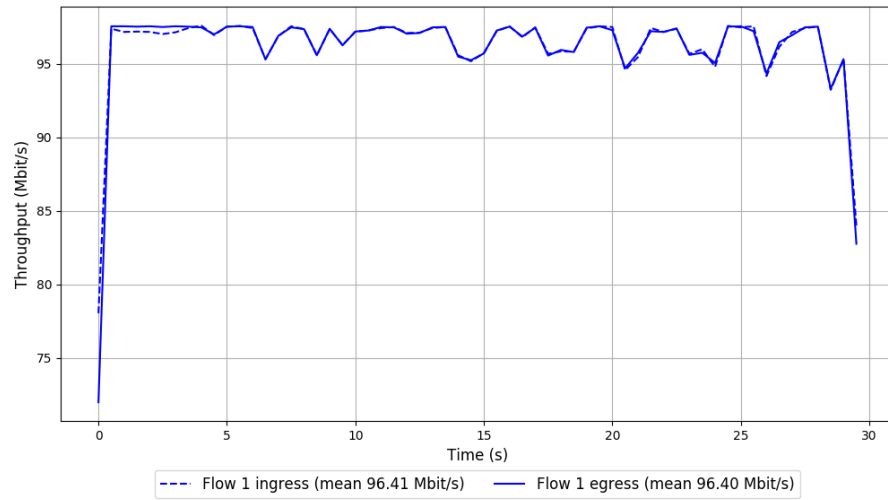


Run 5: Statistics of TCP Vegas

Start at: 2017-09-21 20:30:30  
End at: 2017-09-21 20:31:00  
Local clock offset: 0.016 ms  
Remote clock offset: -3.027 ms

# Below is generated by plot.py at 2017-09-21 22:33:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.40 Mbit/s  
95th percentile per-packet one-way delay: 27.798 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.40 Mbit/s  
95th percentile per-packet one-way delay: 27.798 ms  
Loss rate: 0.09%

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

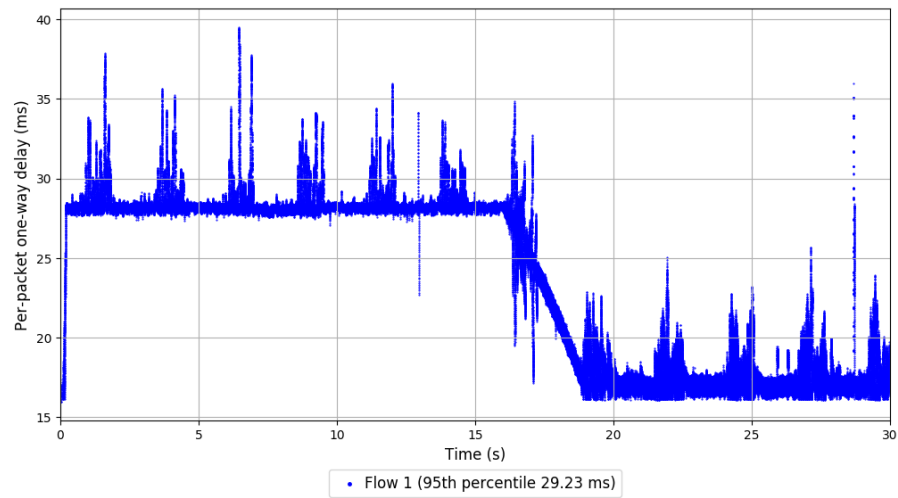
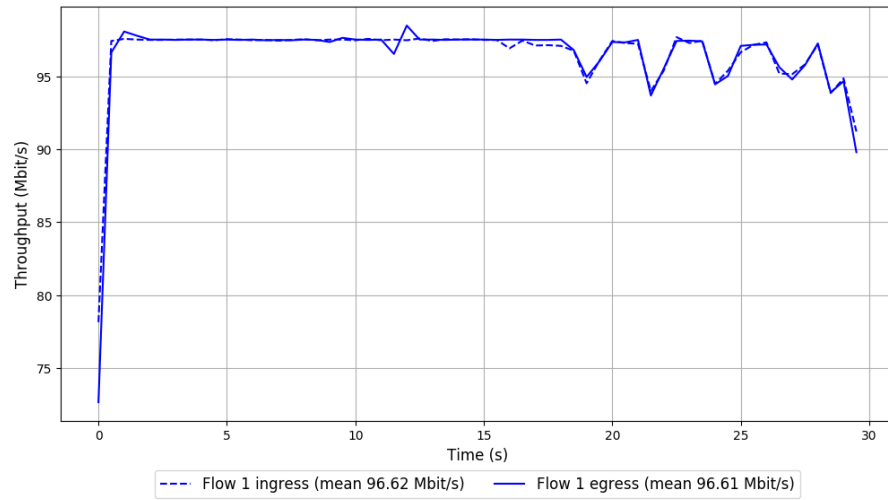


Run 6: Statistics of TCP Vegas

Start at: 2017-09-21 20:48:28  
End at: 2017-09-21 20:48:58  
Local clock offset: -2.317 ms  
Remote clock offset: -2.489 ms

# Below is generated by plot.py at 2017-09-21 22:33:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.61 Mbit/s  
95th percentile per-packet one-way delay: 29.228 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 96.61 Mbit/s  
95th percentile per-packet one-way delay: 29.228 ms  
Loss rate: 0.08%

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



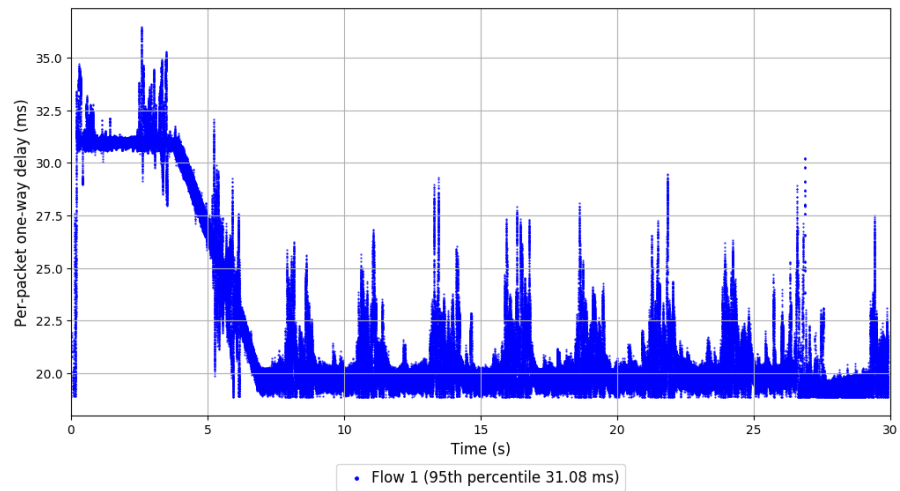
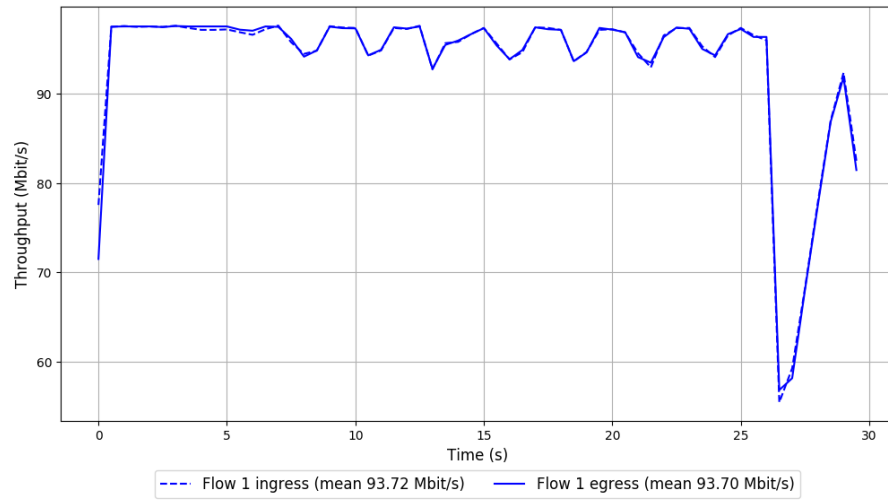
Run 7: Statistics of TCP Vegas

Start at: 2017-09-21 21:06:55  
End at: 2017-09-21 21:07:25  
Local clock offset: 0.359 ms  
Remote clock offset: -2.646 ms

# Below is generated by plot.py at 2017-09-21 22:33:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.70 Mbit/s  
95th percentile per-packet one-way delay: 31.077 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 93.70 Mbit/s  
95th percentile per-packet one-way delay: 31.077 ms  
Loss rate: 0.10%



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

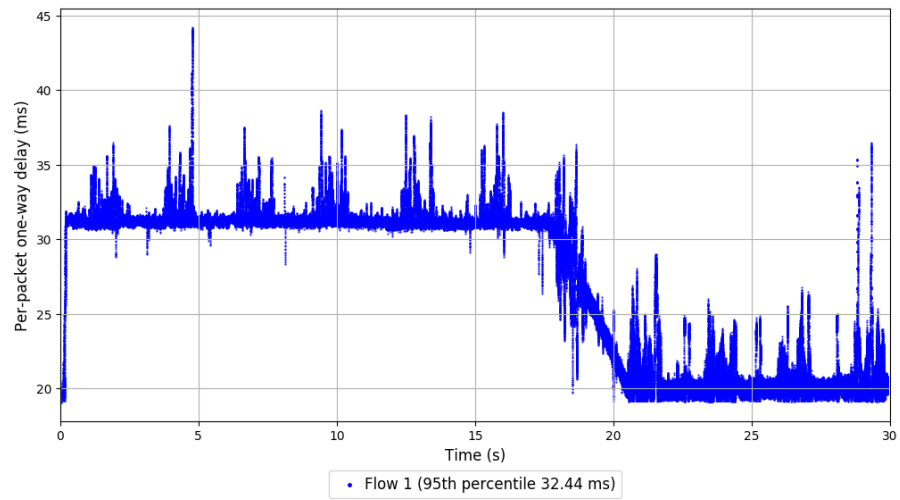
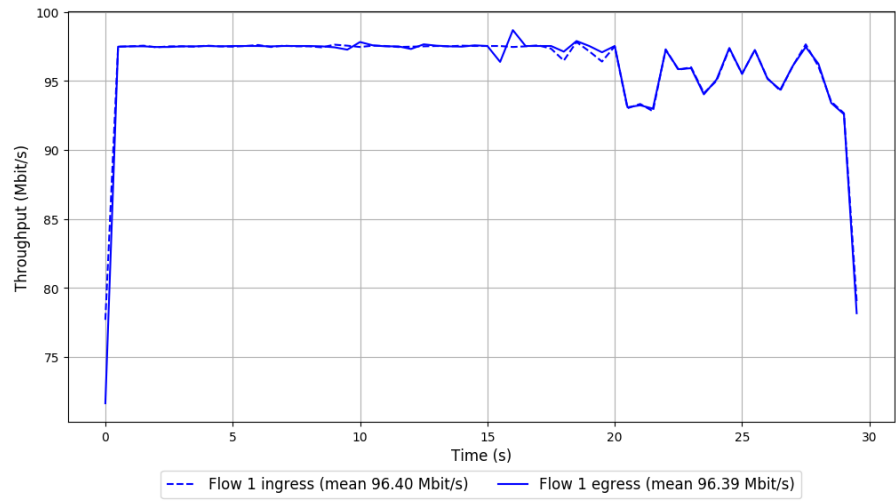


Run 8: Statistics of TCP Vegas

Start at: 2017-09-21 21:25:45  
End at: 2017-09-21 21:26:15  
Local clock offset: 0.667 ms  
Remote clock offset: -2.645 ms

# Below is generated by plot.py at 2017-09-21 22:33:43  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.39 Mbit/s  
95th percentile per-packet one-way delay: 32.437 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 96.39 Mbit/s  
95th percentile per-packet one-way delay: 32.437 ms  
Loss rate: 0.08%

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

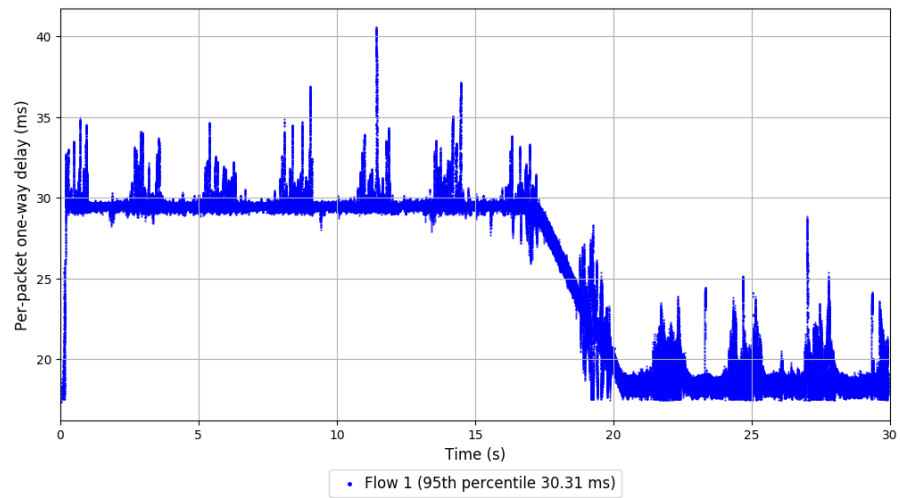
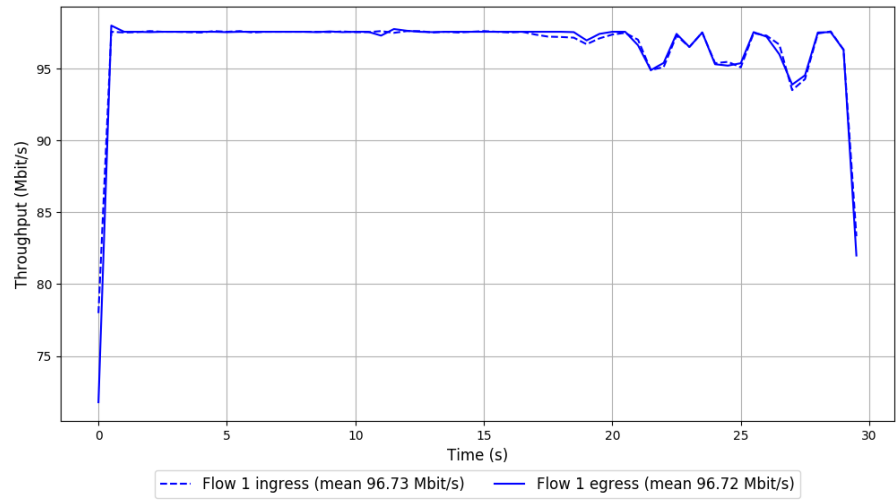


Run 9: Statistics of TCP Vegas

Start at: 2017-09-21 21:43:54  
End at: 2017-09-21 21:44:24  
Local clock offset: -0.638 ms  
Remote clock offset: -2.475 ms

# Below is generated by plot.py at 2017-09-21 22:34:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.72 Mbit/s  
95th percentile per-packet one-way delay: 30.314 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.72 Mbit/s  
95th percentile per-packet one-way delay: 30.314 ms  
Loss rate: 0.09%

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

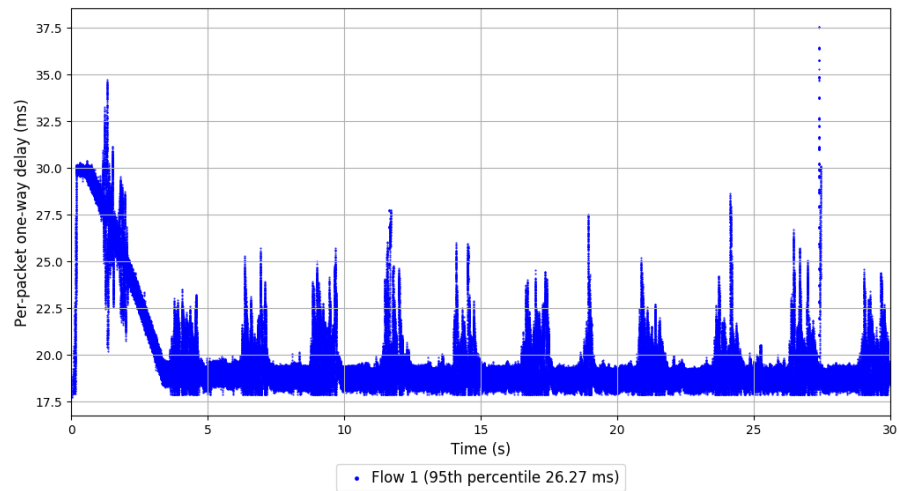
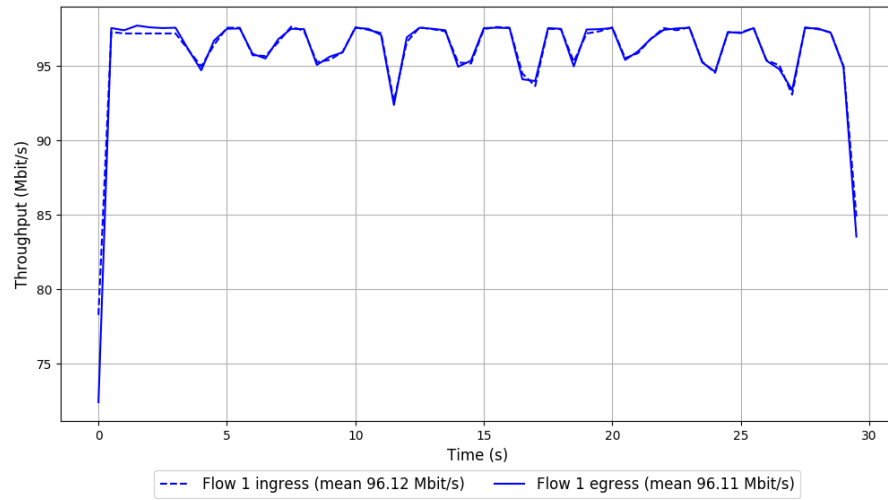


Run 10: Statistics of TCP Vegas

Start at: 2017-09-21 22:02:14  
End at: 2017-09-21 22:02:44  
Local clock offset: -0.213 ms  
Remote clock offset: -2.677 ms

# Below is generated by plot.py at 2017-09-21 22:34:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.11 Mbit/s  
95th percentile per-packet one-way delay: 26.273 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.11 Mbit/s  
95th percentile per-packet one-way delay: 26.273 ms  
Loss rate: 0.09%

# Run 10: Report of TCP Vegas — Data Link



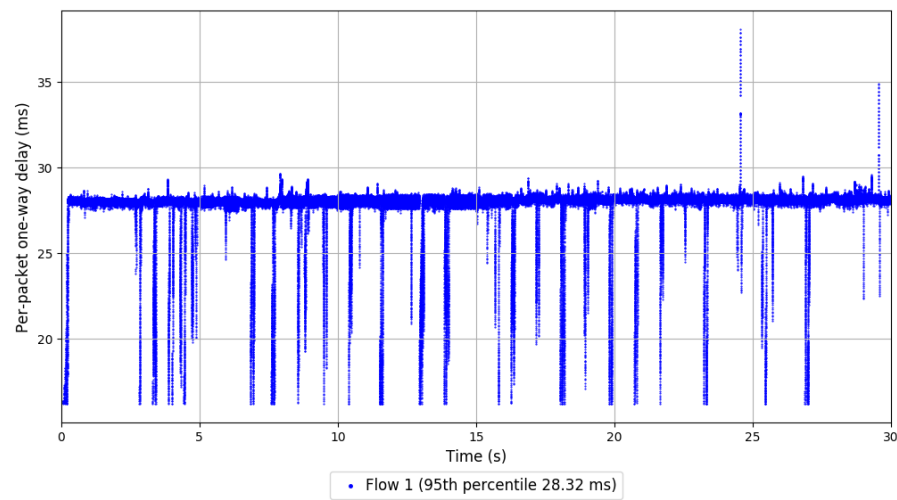
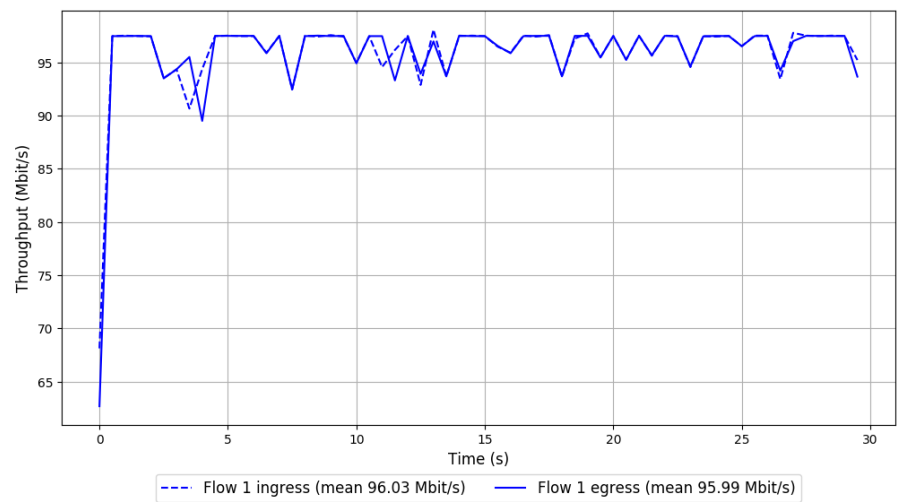
Run 1: Statistics of Verus

Start at: 2017-09-21 19:22:26  
End at: 2017-09-21 19:22:56  
Local clock offset: -2.592 ms  
Remote clock offset: -2.595 ms

# Below is generated by plot.py at 2017-09-21 22:34:05  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.99 Mbit/s  
95th percentile per-packet one-way delay: 28.320 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.99 Mbit/s  
95th percentile per-packet one-way delay: 28.320 ms  
Loss rate: 0.12%



Run 1: Report of Verus — Data Link

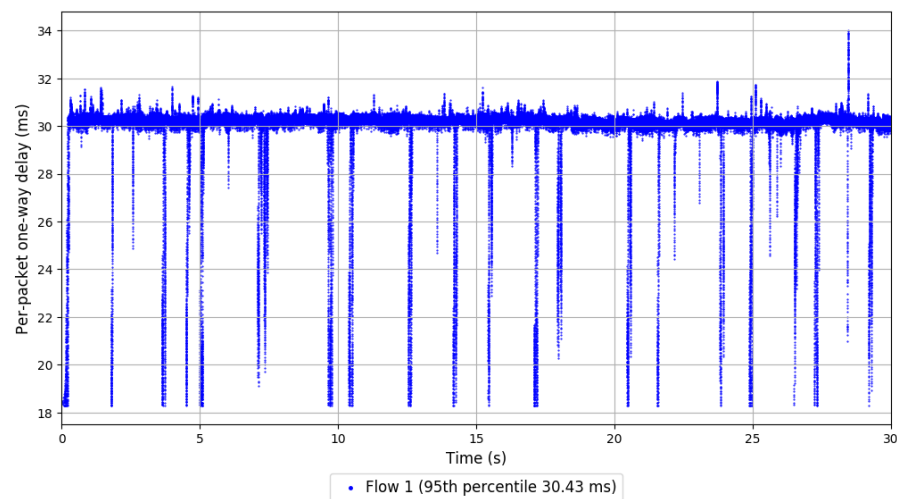
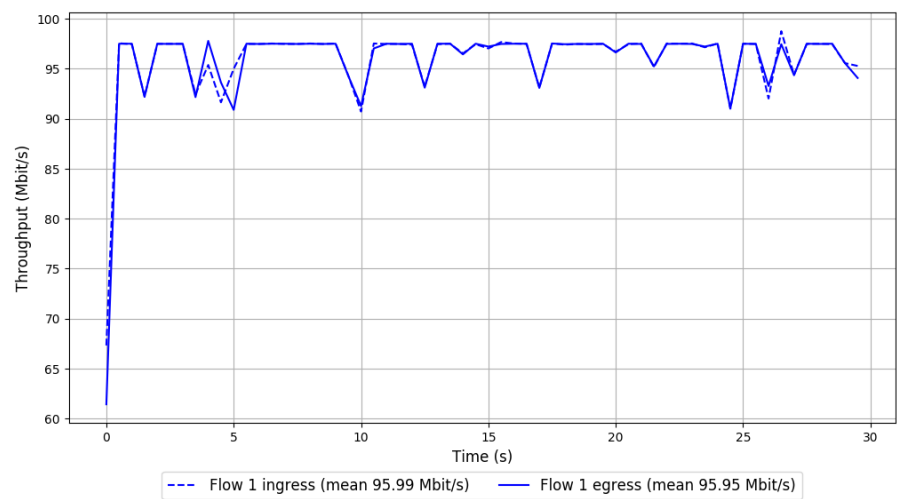


Run 2: Statistics of Verus

Start at: 2017-09-21 19:39:14  
End at: 2017-09-21 19:39:44  
Local clock offset: -0.098 ms  
Remote clock offset: -2.507 ms

# Below is generated by plot.py at 2017-09-21 22:34:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.95 Mbit/s  
95th percentile per-packet one-way delay: 30.433 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.95 Mbit/s  
95th percentile per-packet one-way delay: 30.433 ms  
Loss rate: 0.12%

Run 2: Report of Verus — Data Link

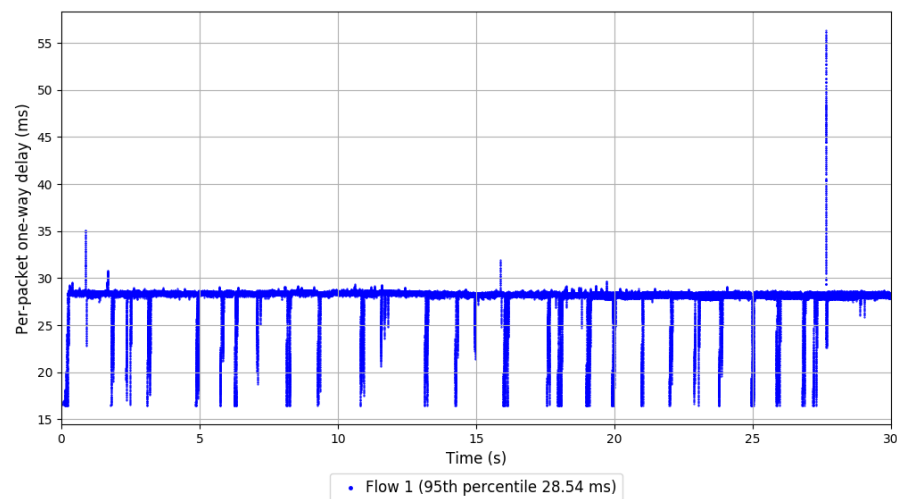
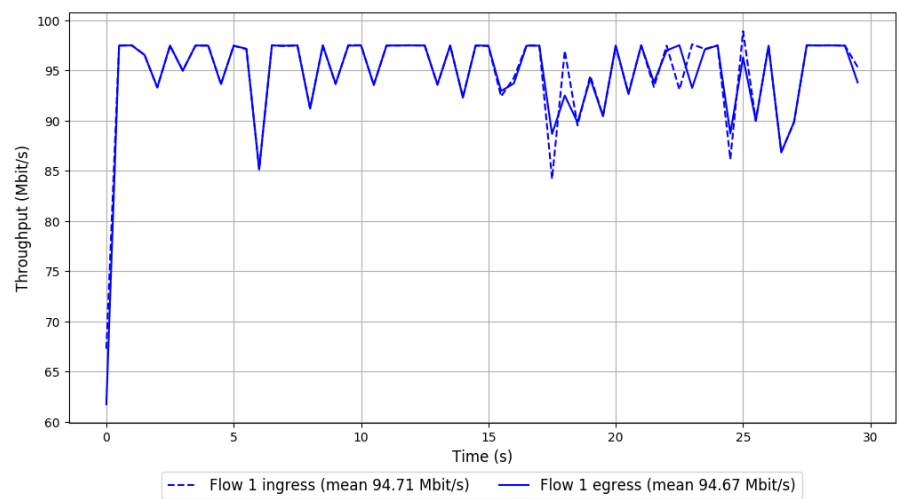


Run 3: Statistics of Verus

Start at: 2017-09-21 19:55:37  
End at: 2017-09-21 19:56:07  
Local clock offset: -1.969 ms  
Remote clock offset: -2.612 ms

# Below is generated by plot.py at 2017-09-21 22:34:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.67 Mbit/s  
95th percentile per-packet one-way delay: 28.537 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 94.67 Mbit/s  
95th percentile per-packet one-way delay: 28.537 ms  
Loss rate: 0.12%

Run 3: Report of Verus — Data Link

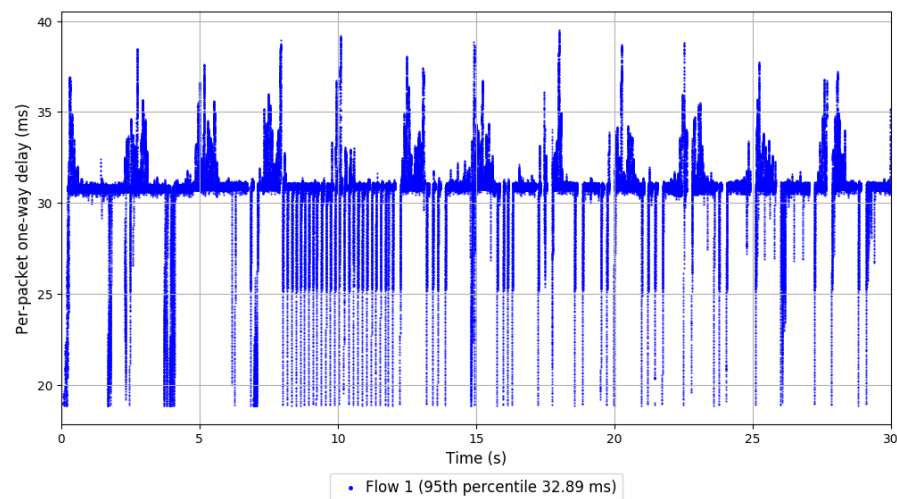
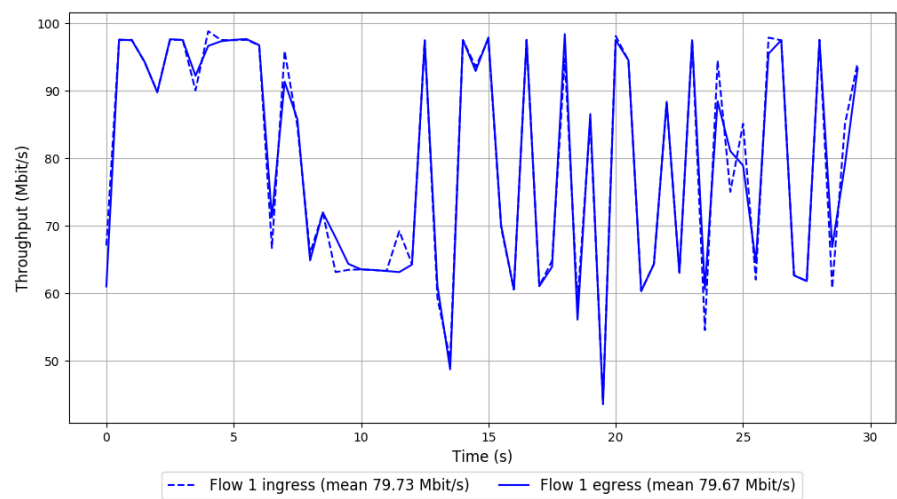


Run 4: Statistics of Verus

Start at: 2017-09-21 20:13:48  
End at: 2017-09-21 20:14:18  
Local clock offset: 0.637 ms  
Remote clock offset: -2.401 ms

# Below is generated by plot.py at 2017-09-21 22:34:33  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.67 Mbit/s  
95th percentile per-packet one-way delay: 32.890 ms  
Loss rate: 0.14%  
-- Flow 1:  
Average throughput: 79.67 Mbit/s  
95th percentile per-packet one-way delay: 32.890 ms  
Loss rate: 0.14%

Run 4: Report of Verus — Data Link



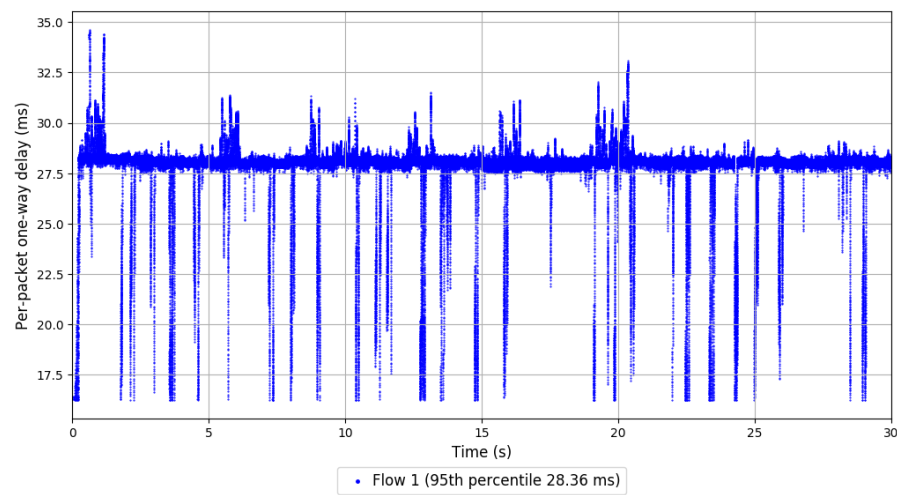
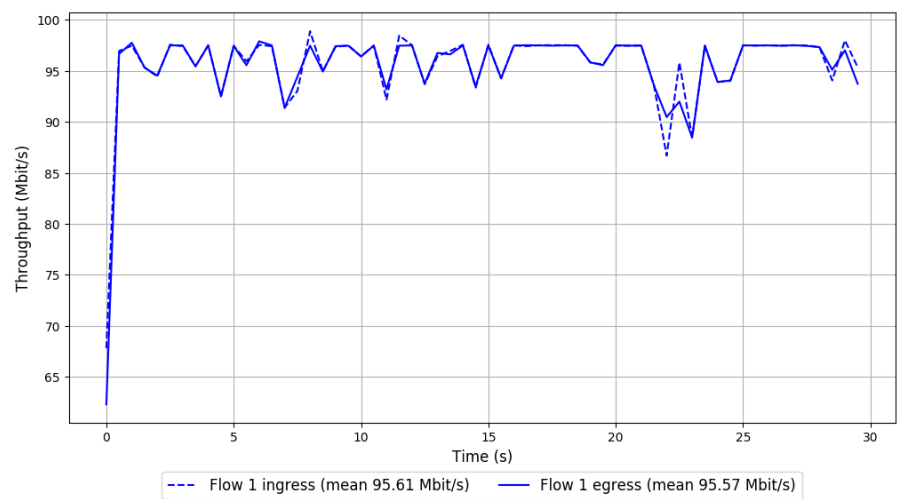
Run 5: Statistics of Verus

Start at: 2017-09-21 20:31:45  
End at: 2017-09-21 20:32:15  
Local clock offset: -2.119 ms  
Remote clock offset: -2.524 ms

# Below is generated by plot.py at 2017-09-21 22:35:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.57 Mbit/s  
95th percentile per-packet one-way delay: 28.360 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.57 Mbit/s  
95th percentile per-packet one-way delay: 28.360 ms  
Loss rate: 0.12%



Run 5: Report of Verus — Data Link

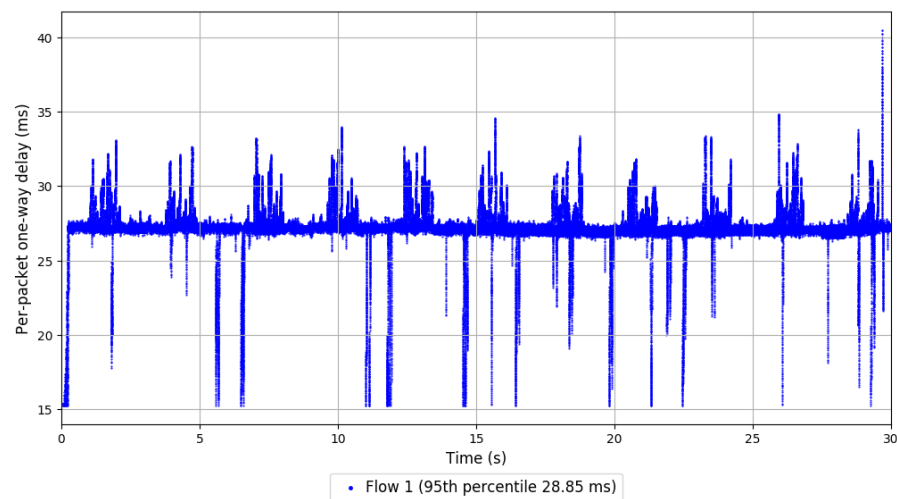
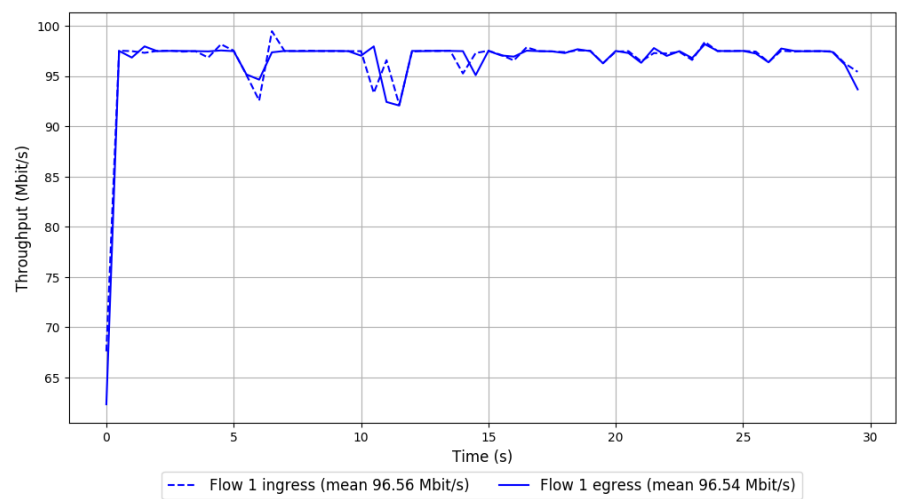


Run 6: Statistics of Verus

Start at: 2017-09-21 20:49:49  
End at: 2017-09-21 20:50:19  
Local clock offset: -2.439 ms  
Remote clock offset: -1.748 ms

# Below is generated by plot.py at 2017-09-21 22:35:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.54 Mbit/s  
95th percentile per-packet one-way delay: 28.847 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 96.54 Mbit/s  
95th percentile per-packet one-way delay: 28.847 ms  
Loss rate: 0.12%

Run 6: Report of Verus — Data Link

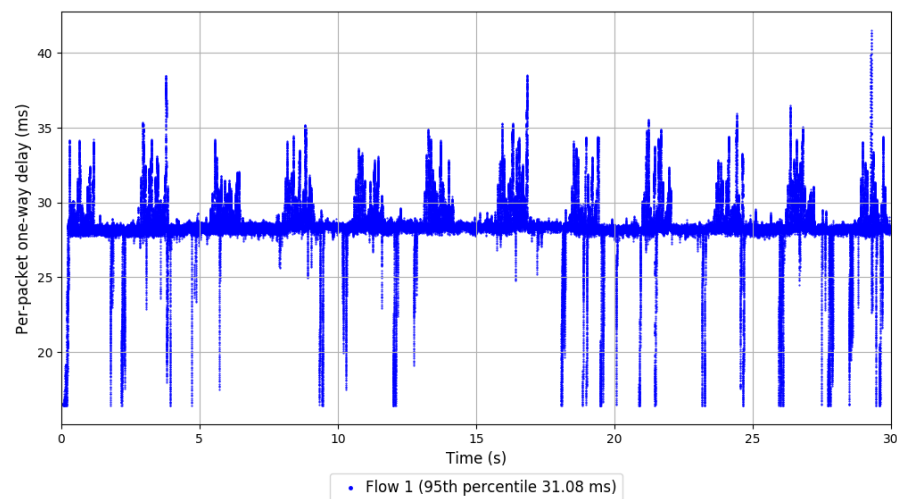
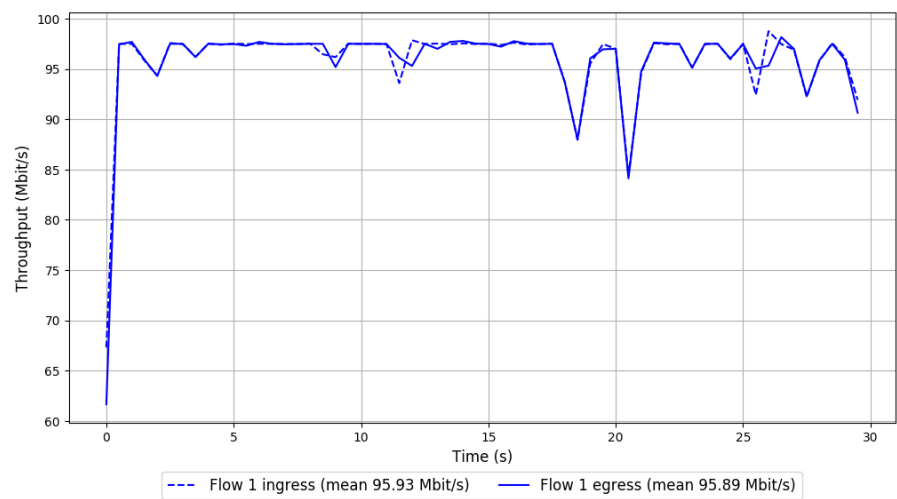


Run 7: Statistics of Verus

Start at: 2017-09-21 21:08:20  
End at: 2017-09-21 21:08:50  
Local clock offset: -1.383 ms  
Remote clock offset: -1.901 ms

# Below is generated by plot.py at 2017-09-21 22:35:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.89 Mbit/s  
95th percentile per-packet one-way delay: 31.076 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.89 Mbit/s  
95th percentile per-packet one-way delay: 31.076 ms  
Loss rate: 0.12%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

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

End at: 2017-09-21 21:27:33

Local clock offset: -0.063 ms

Remote clock offset: -2.28 ms

# Below is generated by plot.py at 2017-09-21 22:35:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 32.241 ms

Loss rate: 0.12%

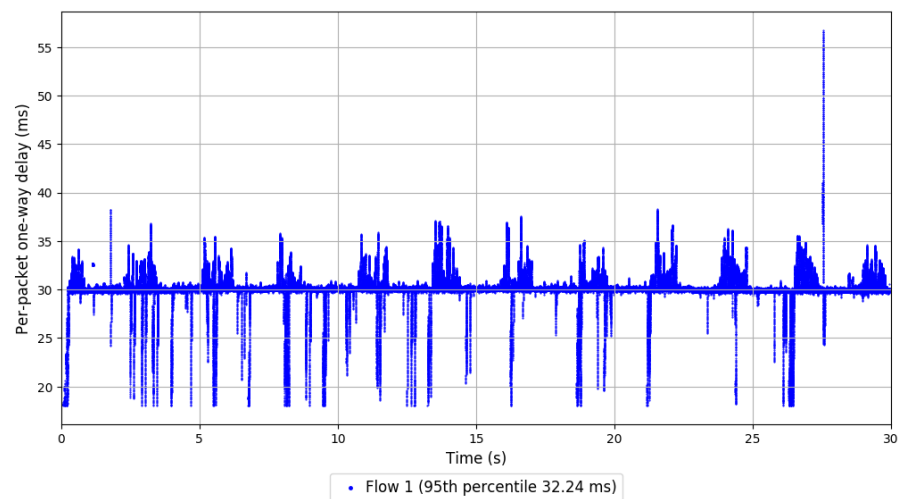
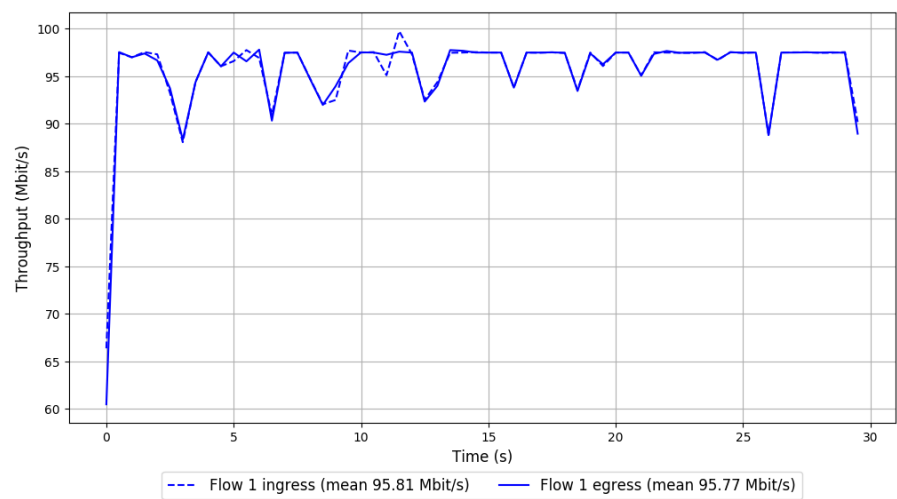
-- Flow 1:

Average throughput: 95.77 Mbit/s

95th percentile per-packet one-way delay: 32.241 ms

Loss rate: 0.12%

Run 8: Report of Verus — Data Link



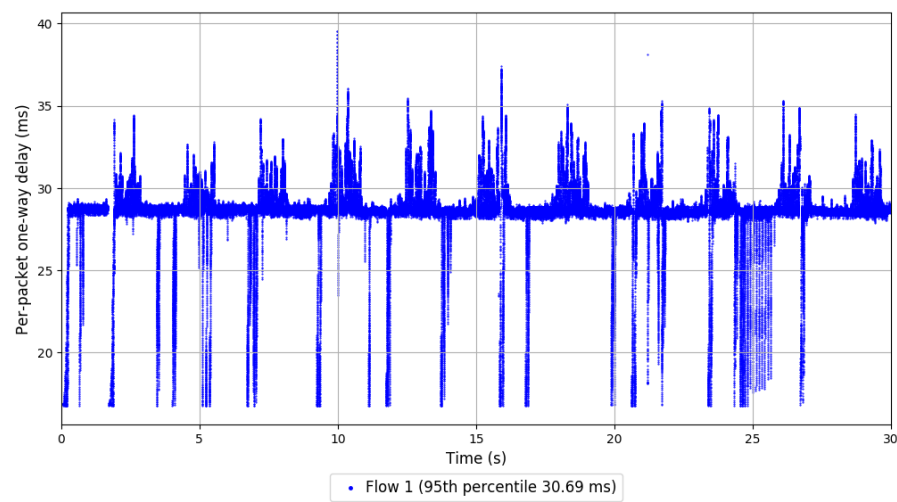
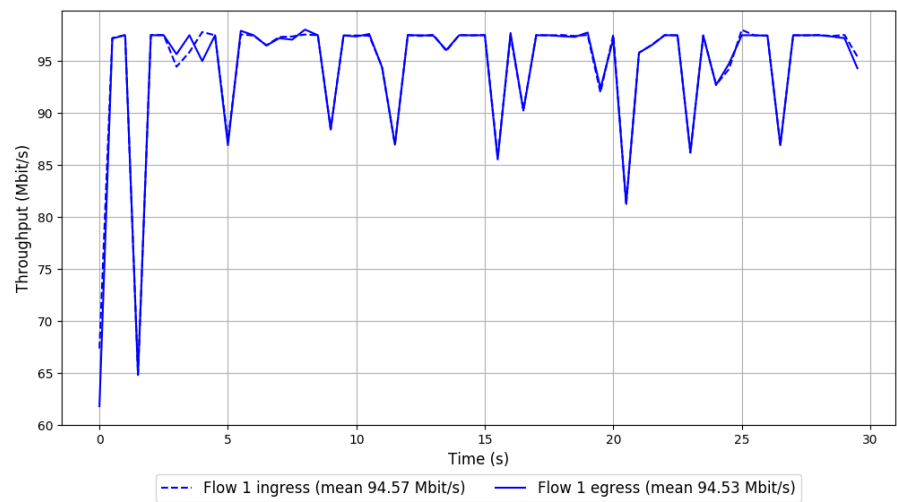
Run 9: Statistics of Verus

Start at: 2017-09-21 21:45:17  
End at: 2017-09-21 21:45:47  
Local clock offset: -2.271 ms  
Remote clock offset: -3.353 ms

# Below is generated by plot.py at 2017-09-21 22:35:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 94.53 Mbit/s  
95th percentile per-packet one-way delay: 30.688 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 94.53 Mbit/s  
95th percentile per-packet one-way delay: 30.688 ms  
Loss rate: 0.12%



Run 9: Report of Verus — Data Link

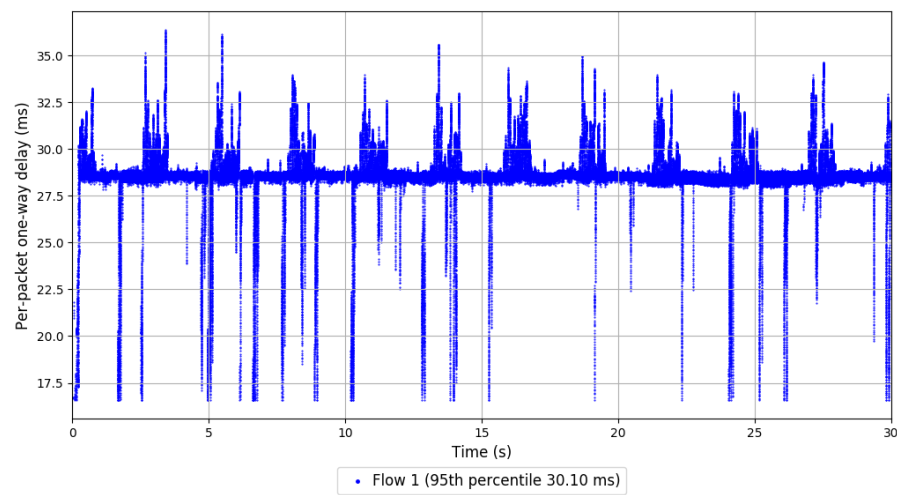
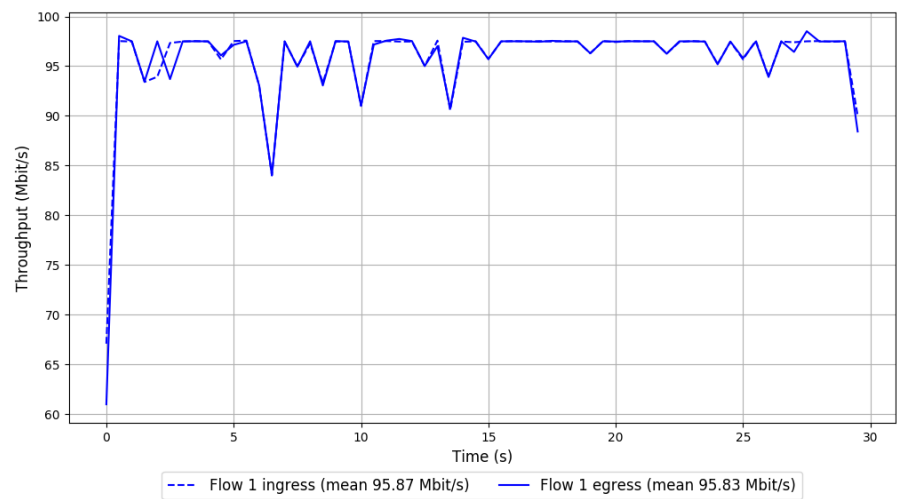


Run 10: Statistics of Verus

Start at: 2017-09-21 22:03:31  
End at: 2017-09-21 22:04:01  
Local clock offset: -1.191 ms  
Remote clock offset: -2.418 ms

# Below is generated by plot.py at 2017-09-21 22:35:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.83 Mbit/s  
95th percentile per-packet one-way delay: 30.100 ms  
Loss rate: 0.12%  
-- Flow 1:  
Average throughput: 95.83 Mbit/s  
95th percentile per-packet one-way delay: 30.100 ms  
Loss rate: 0.12%

Run 10: Report of Verus — Data Link

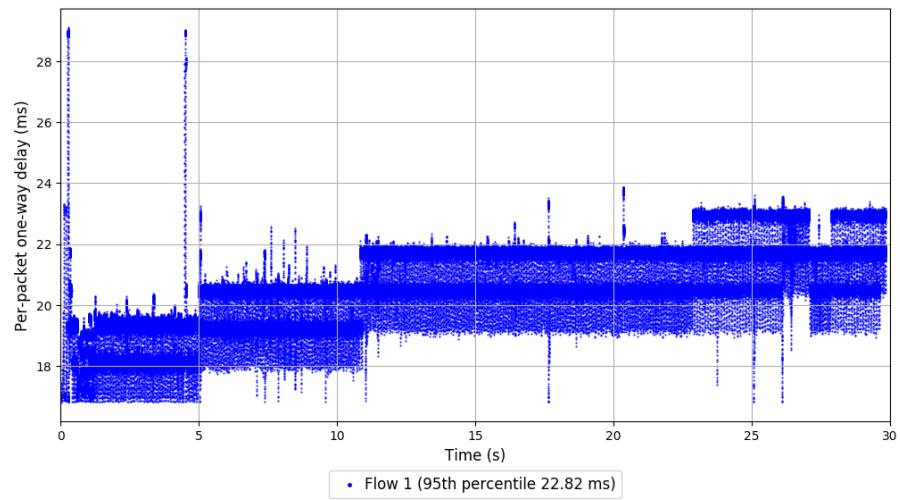
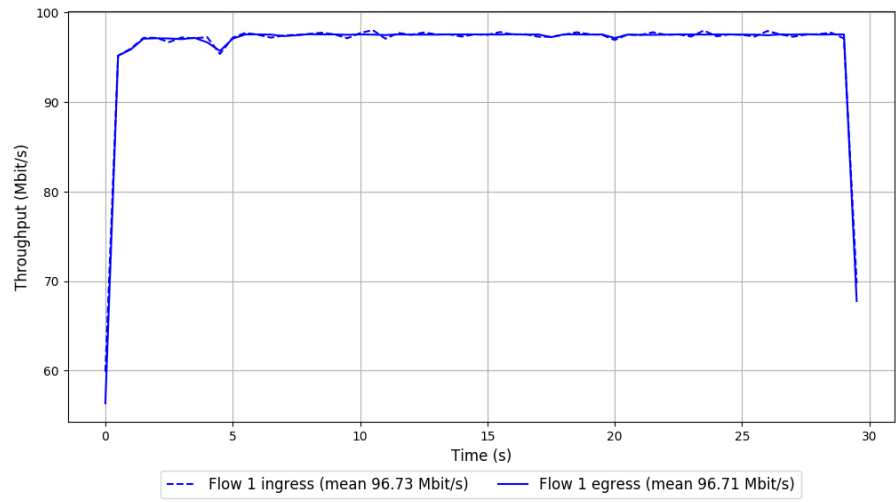


Run 1: Statistics of Indigo

Start at: 2017-09-21 19:28:14  
End at: 2017-09-21 19:28:44  
Local clock offset: -2.305 ms  
Remote clock offset: -3.112 ms

# Below is generated by plot.py at 2017-09-21 22:35:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.71 Mbit/s  
95th percentile per-packet one-way delay: 22.815 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 96.71 Mbit/s  
95th percentile per-packet one-way delay: 22.815 ms  
Loss rate: 0.10%

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

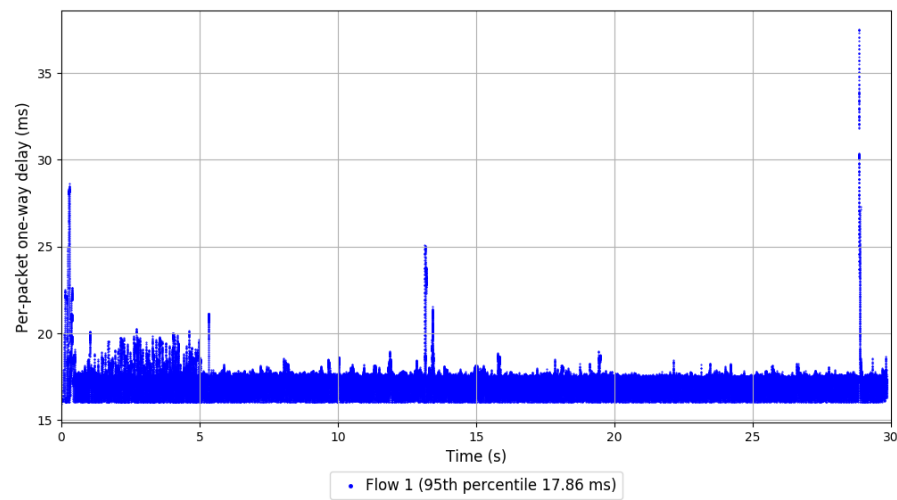
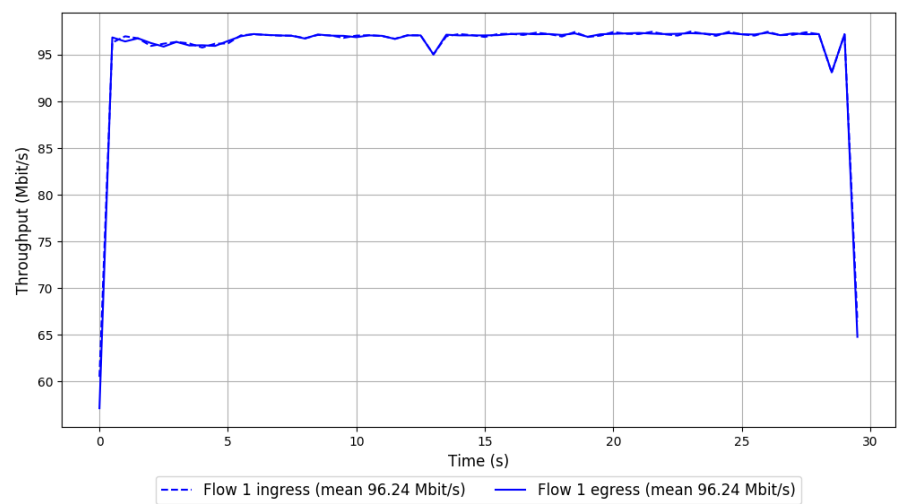


Run 2: Statistics of Indigo

Start at: 2017-09-21 19:44:59  
End at: 2017-09-21 19:45:29  
Local clock offset: -2.297 ms  
Remote clock offset: -2.482 ms

# Below is generated by plot.py at 2017-09-21 22:35:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 17.857 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.24 Mbit/s  
95th percentile per-packet one-way delay: 17.857 ms  
Loss rate: 0.09%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-21 20:01:24

End at: 2017-09-21 20:01:54

Local clock offset: 0.34 ms

Remote clock offset: -1.404 ms

# Below is generated by plot.py at 2017-09-21 22:36:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 23.883 ms

Loss rate: 0.10%

-- Flow 1:

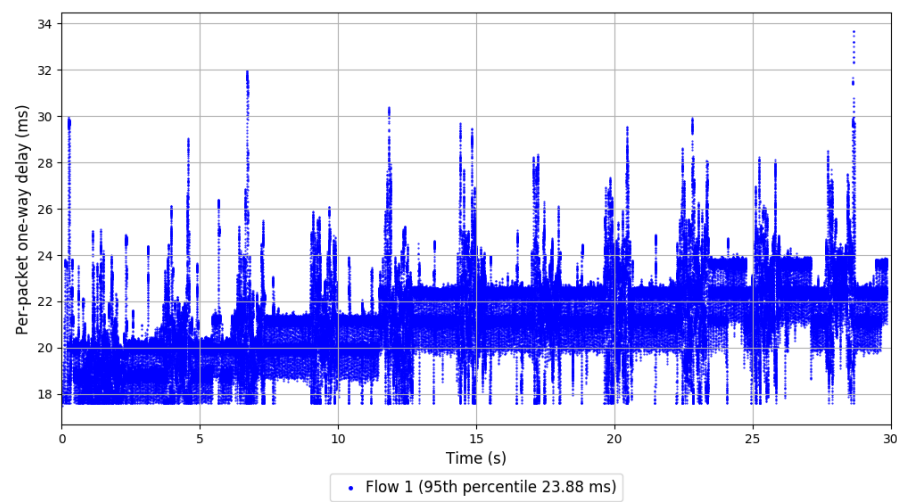
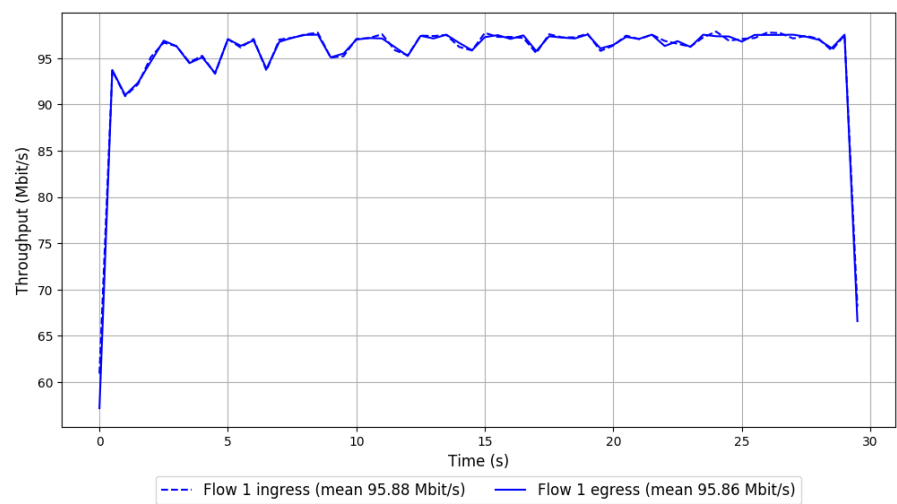
Average throughput: 95.86 Mbit/s

95th percentile per-packet one-way delay: 23.883 ms

Loss rate: 0.10%



Run 3: Report of Indigo — Data Link

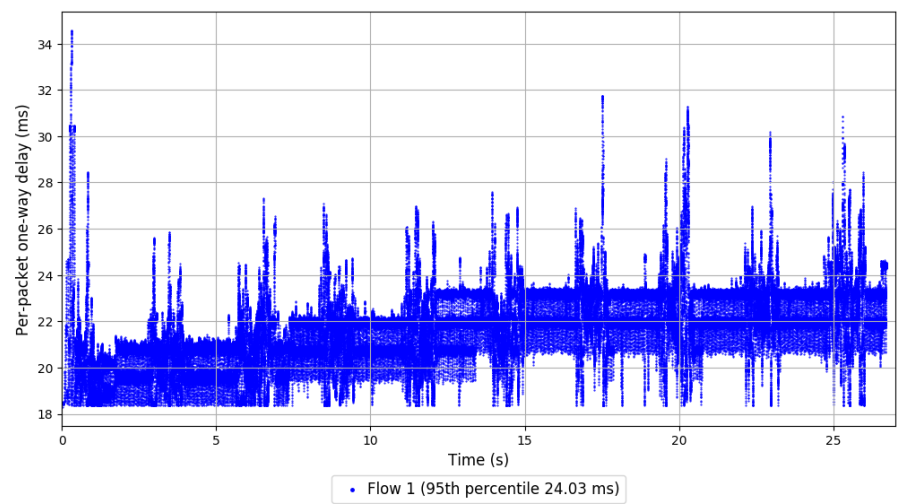
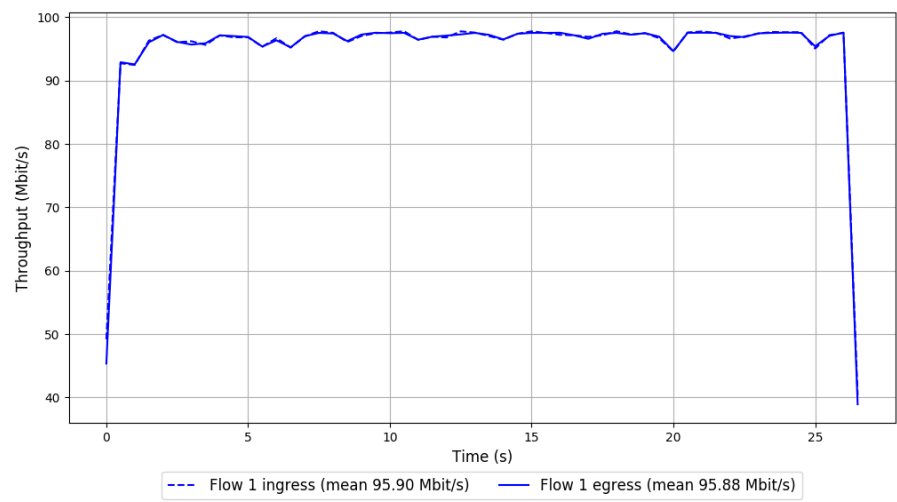


Run 4: Statistics of Indigo

Start at: 2017-09-21 20:19:50  
End at: 2017-09-21 20:20:20  
Local clock offset: -0.017 ms  
Remote clock offset: -2.564 ms

# Below is generated by plot.py at 2017-09-21 22:36:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.88 Mbit/s  
95th percentile per-packet one-way delay: 24.030 ms  
Loss rate: 0.11%  
-- Flow 1:  
Average throughput: 95.88 Mbit/s  
95th percentile per-packet one-way delay: 24.030 ms  
Loss rate: 0.11%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-09-21 20:37:53

End at: 2017-09-21 20:38:23

Local clock offset: 0.269 ms

Remote clock offset: -1.809 ms

# Below is generated by plot.py at 2017-09-21 22:36:59

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 24.396 ms

Loss rate: 0.10%

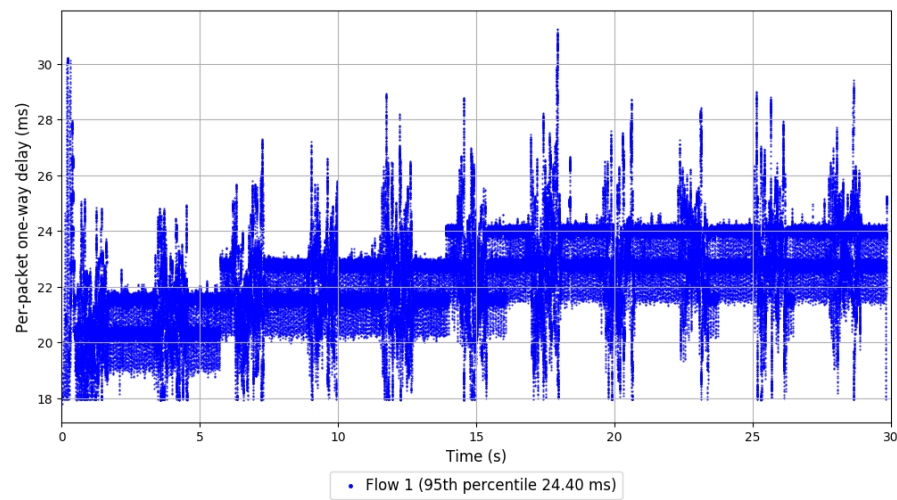
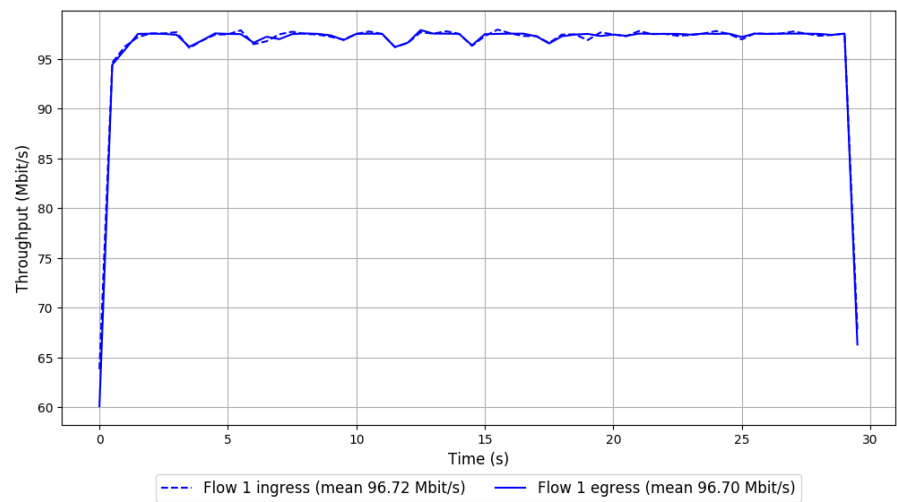
-- Flow 1:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 24.396 ms

Loss rate: 0.10%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

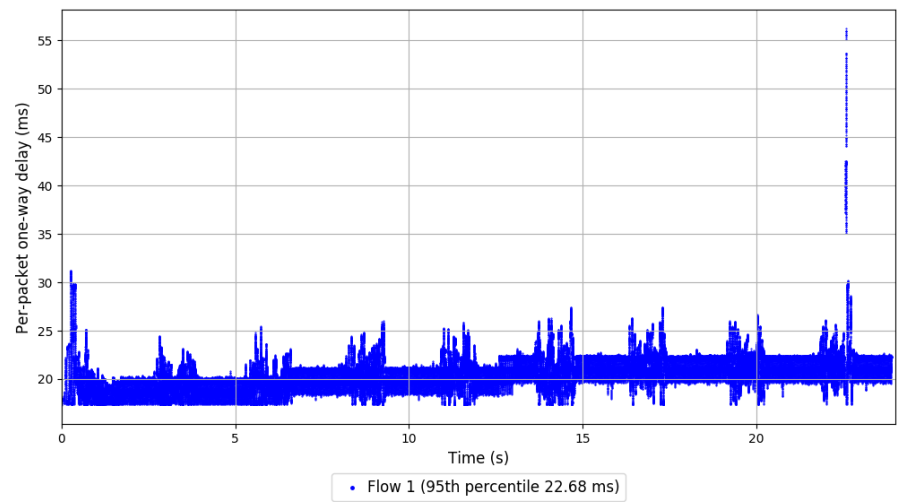
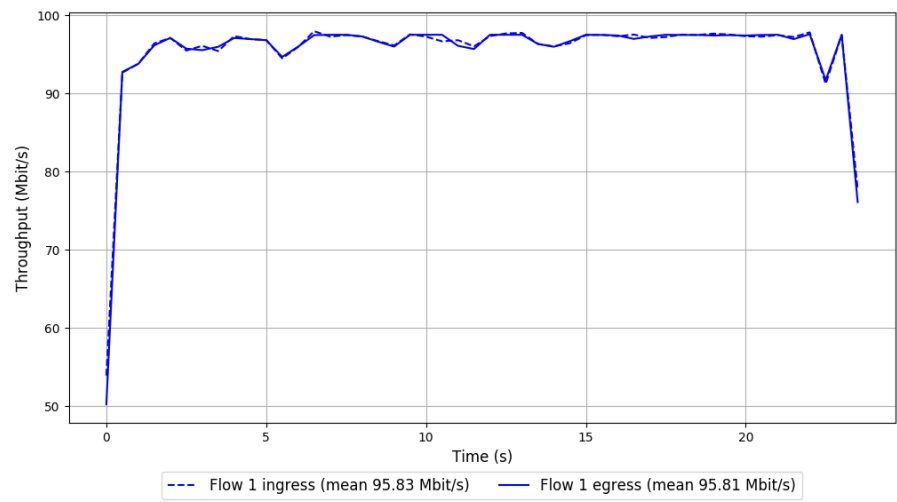
Start at: 2017-09-21 20:56:08

End at: 2017-09-21 20:56:39

Local clock offset: -0.536 ms

Remote clock offset: -1.95 ms

Run 6: Report of Indigo — Data Link



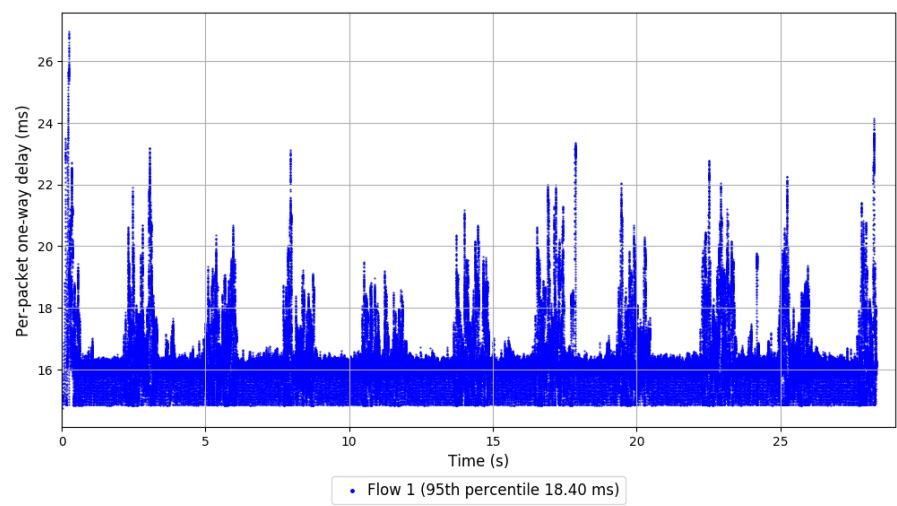
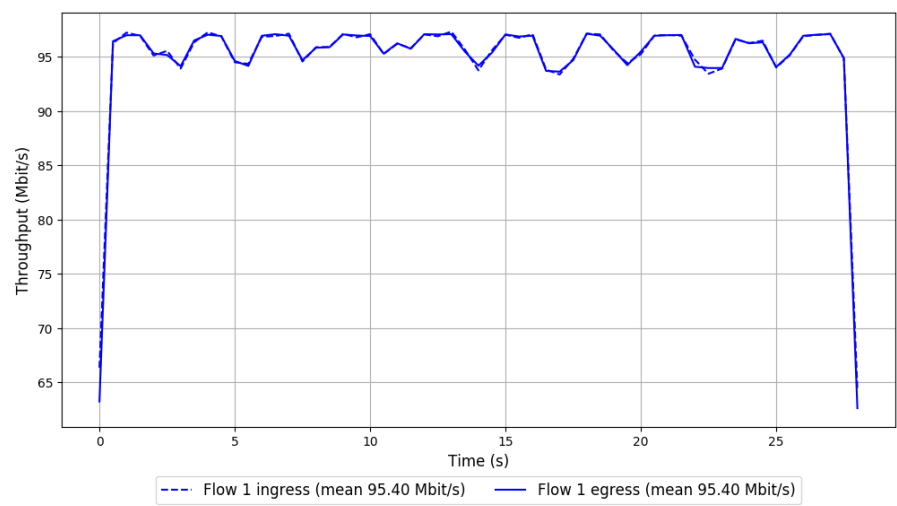
Run 7: Statistics of Indigo

Start at: 2017-09-21 21:14:43  
End at: 2017-09-21 21:15:13  
Local clock offset: -2.976 ms  
Remote clock offset: -1.943 ms

# Below is generated by plot.py at 2017-09-21 22:36:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.40 Mbit/s  
95th percentile per-packet one-way delay: 18.399 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 95.40 Mbit/s  
95th percentile per-packet one-way delay: 18.399 ms  
Loss rate: 0.09%



Run 7: Report of Indigo — Data Link

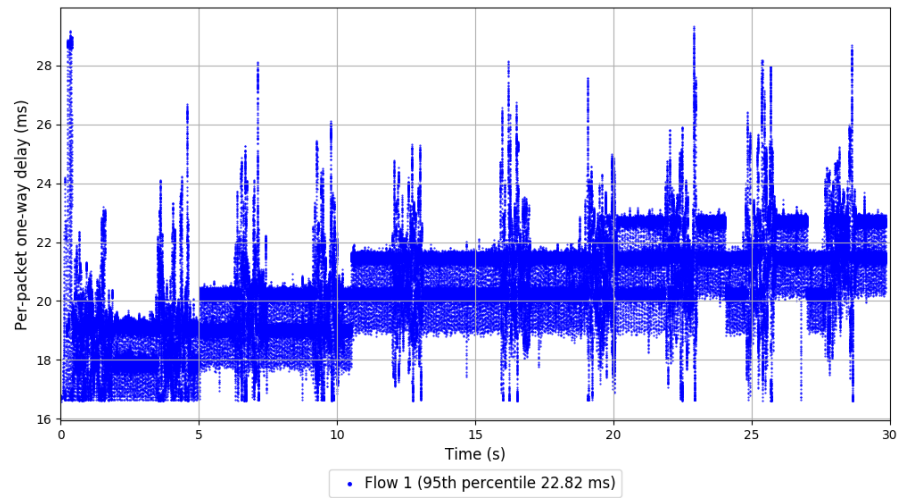
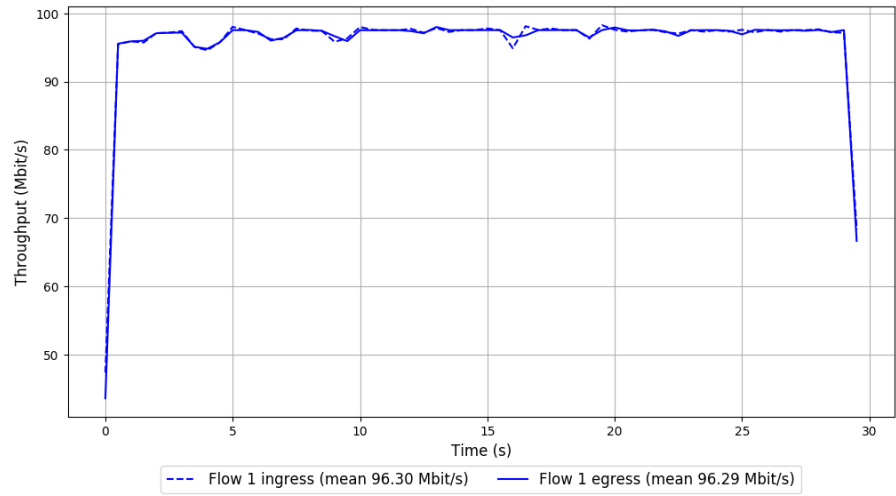


Run 8: Statistics of Indigo

Start at: 2017-09-21 21:33:24  
End at: 2017-09-21 21:33:54  
Local clock offset: -2.206 ms  
Remote clock offset: -3.051 ms

# Below is generated by plot.py at 2017-09-21 22:37:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.29 Mbit/s  
95th percentile per-packet one-way delay: 22.816 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 96.29 Mbit/s  
95th percentile per-packet one-way delay: 22.816 ms  
Loss rate: 0.10%

## Run 8: Report of Indigo — Data Link

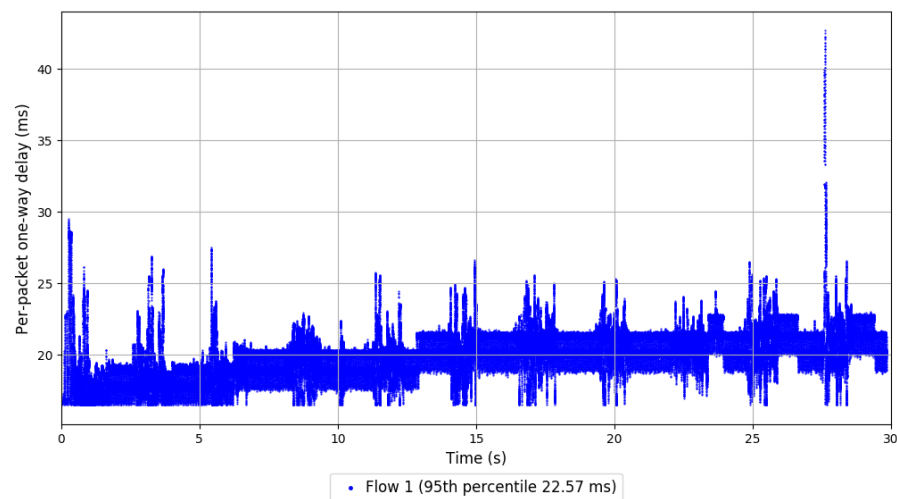
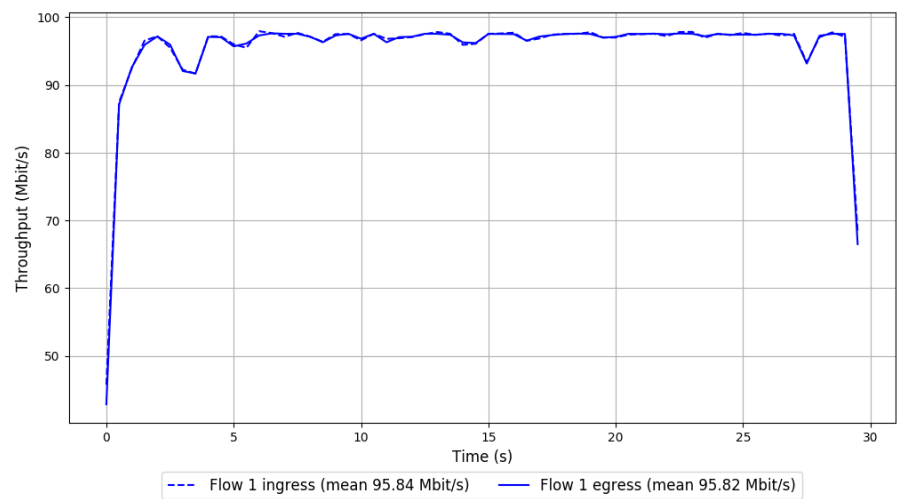


Run 9: Statistics of Indigo

Start at: 2017-09-21 21:51:33  
End at: 2017-09-21 21:52:03  
Local clock offset: -1.723 ms  
Remote clock offset: -2.622 ms

# Below is generated by plot.py at 2017-09-21 22:37:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.82 Mbit/s  
95th percentile per-packet one-way delay: 22.565 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 95.82 Mbit/s  
95th percentile per-packet one-way delay: 22.565 ms  
Loss rate: 0.10%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

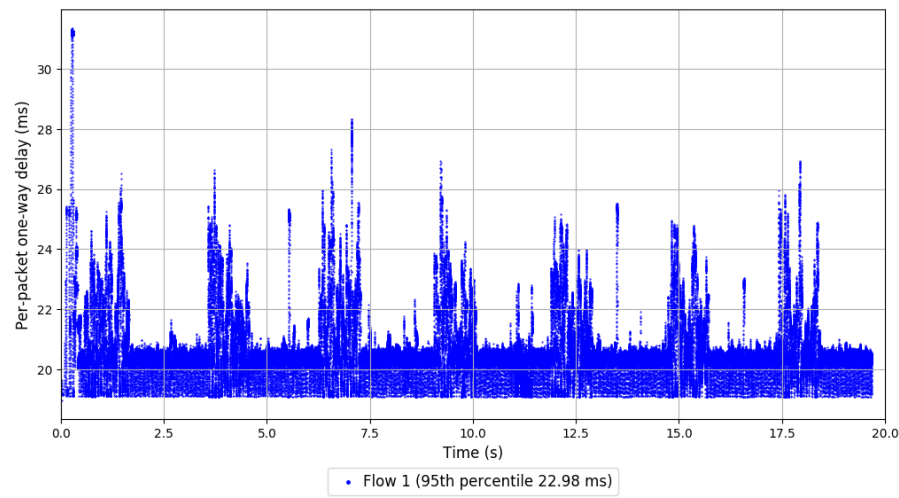
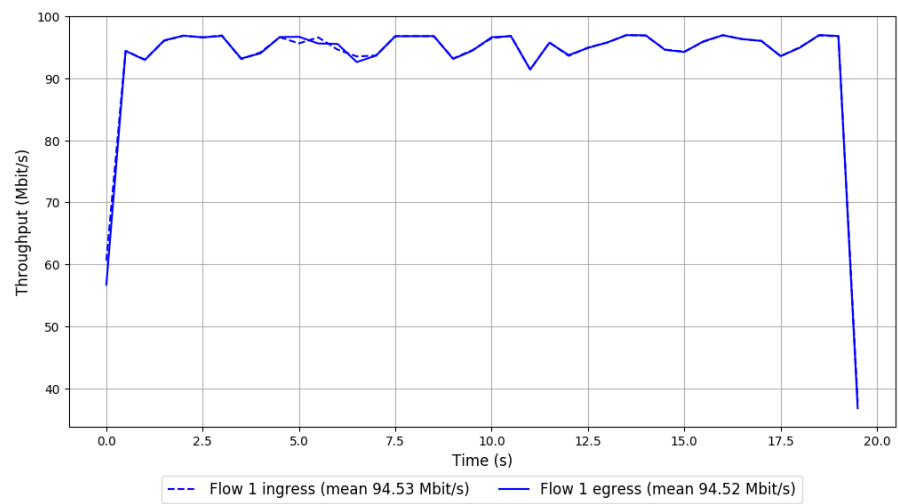
Start at: 2017-09-21 22:09:34

End at: 2017-09-21 22:10:04

Local clock offset: 0.752 ms

Remote clock offset: -3.154 ms

Run 10: Report of Indigo — Data Link



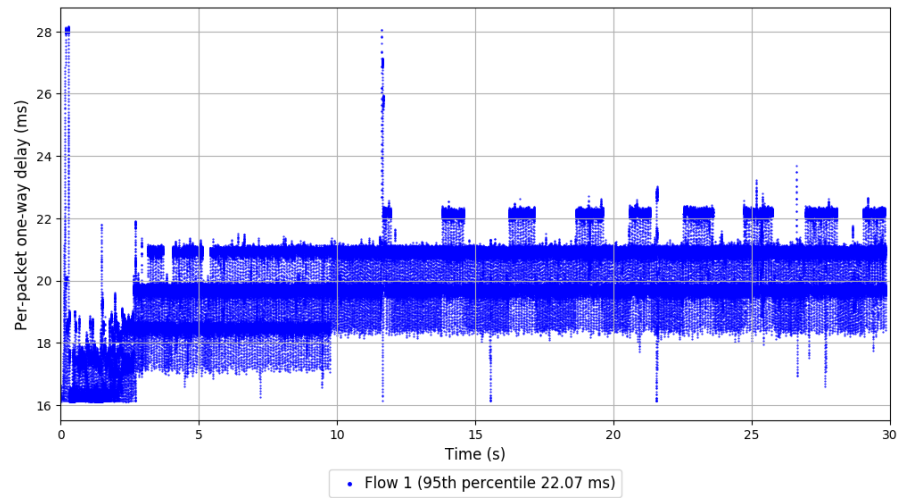
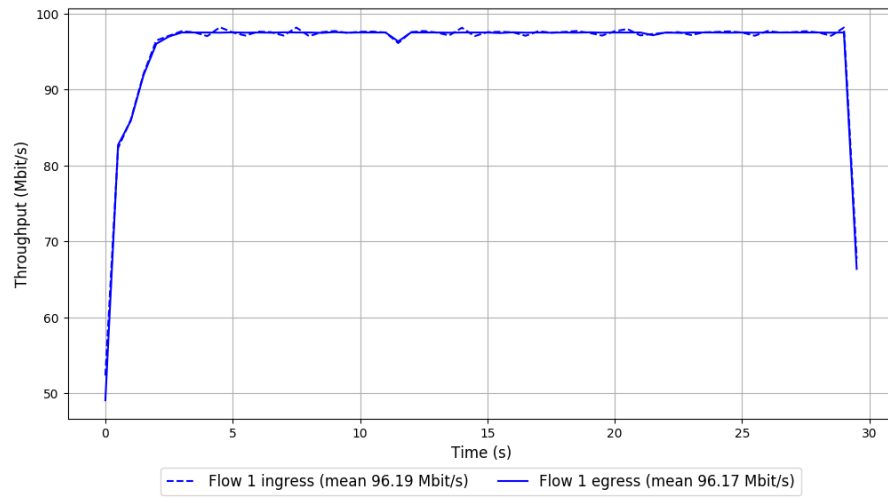
```
Run 1: Statistics of Indigo-calib

Start at: 2017-09-21 19:31:53
End at: 2017-09-21 19:32:23
Local clock offset: -2.425 ms
Remote clock offset: -2.562 ms

# Below is generated by plot.py at 2017-09-21 22:37:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 22.069 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.17 Mbit/s
95th percentile per-packet one-way delay: 22.069 ms
Loss rate: 0.10%
```



### Run 1: Report of Indigo-calib — Data Link

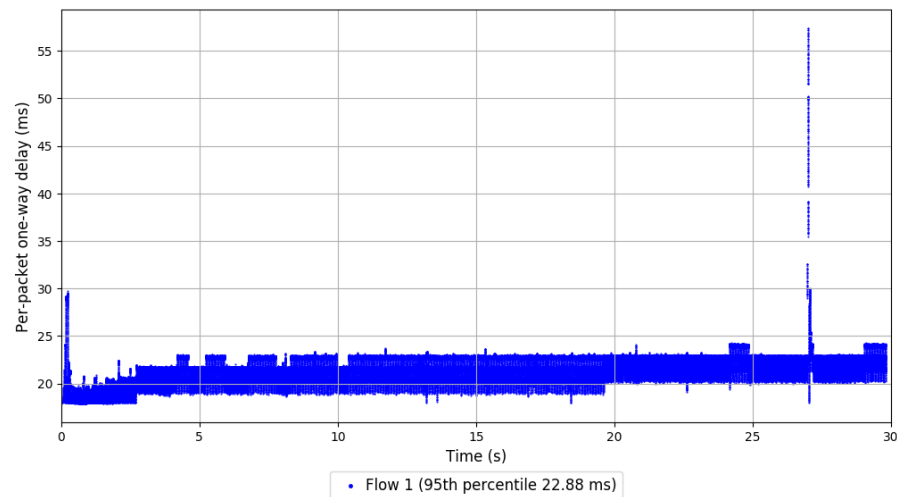
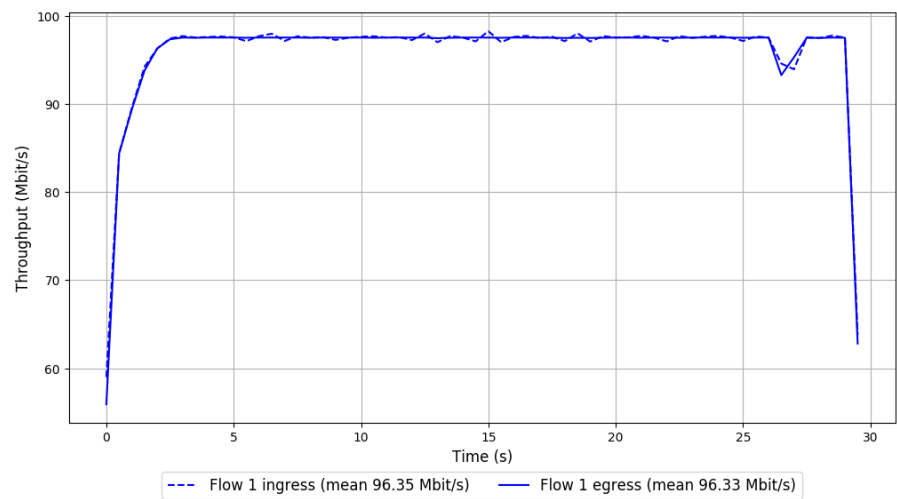


```
Run 2: Statistics of Indigo-calib

Start at: 2017-09-21 19:48:26
End at: 2017-09-21 19:48:56
Local clock offset: -0.165 ms
Remote clock offset: -2.298 ms

# Below is generated by plot.py at 2017-09-21 22:37:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 22.881 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 22.881 ms
Loss rate: 0.09%
```

Run 2: Report of Indigo-calib — Data Link



Run 3: Statistics of Indigo-calib

Start at: 2017-09-21 20:05:29

End at: 2017-09-21 20:05:59

Local clock offset: 0.088 ms

Remote clock offset: -1.409 ms

# Below is generated by plot.py at 2017-09-21 22:38:06

# Datalink statistics

-- Total of 1 flow:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 23.323 ms

Loss rate: 0.11%

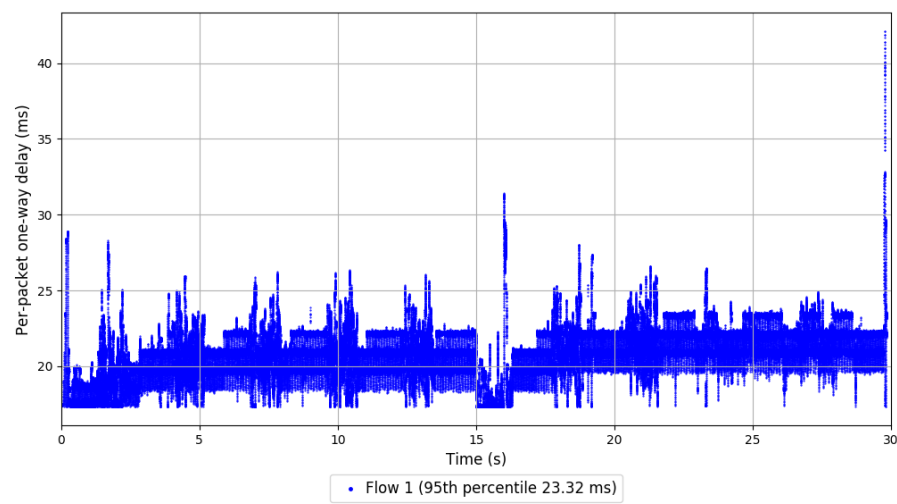
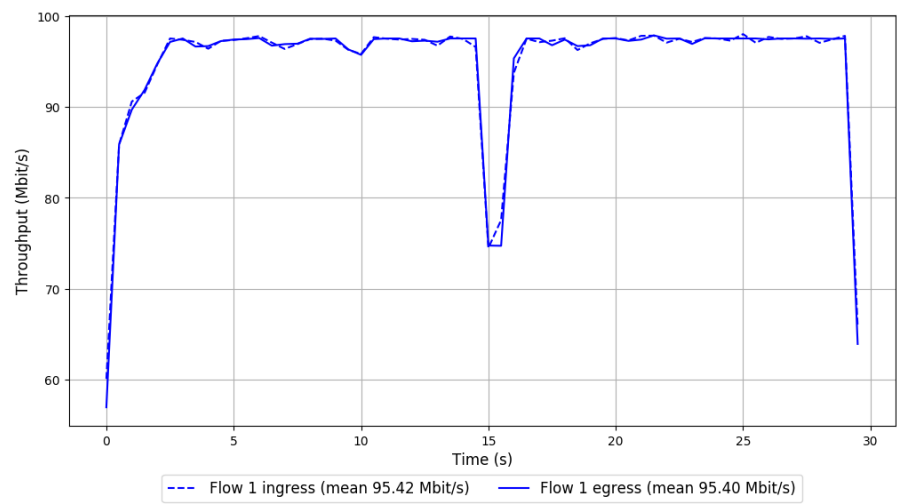
-- Flow 1:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 23.323 ms

Loss rate: 0.11%

Run 3: Report of Indigo-calib — Data Link

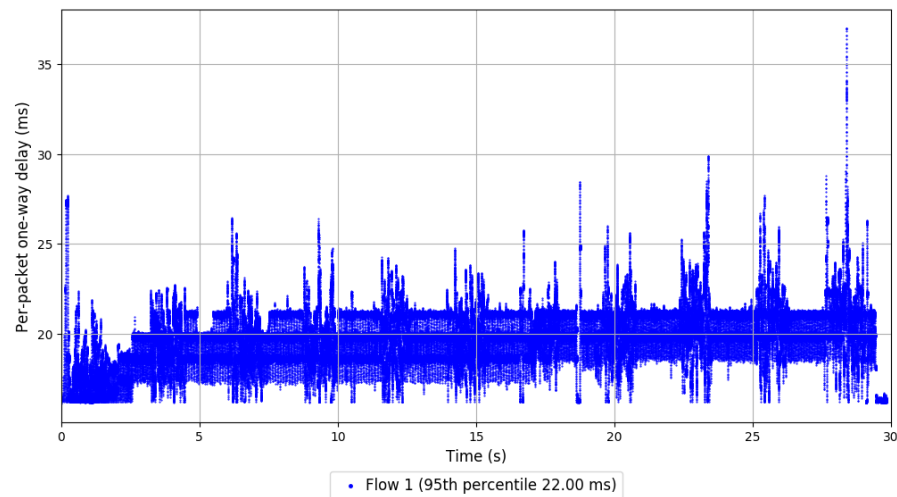
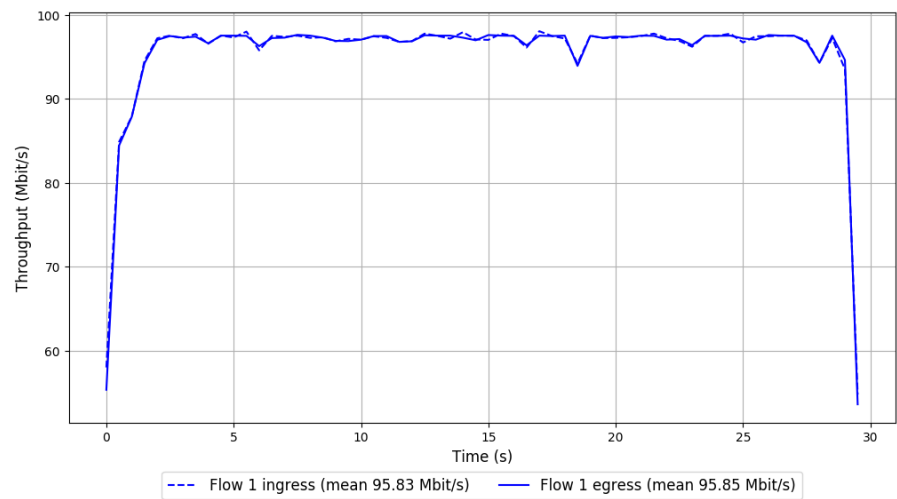


Run 4: Statistics of Indigo-calib

Start at: 2017-09-21 20:23:51  
End at: 2017-09-21 20:24:21  
Local clock offset: -2.469 ms  
Remote clock offset: -2.853 ms

# Below is generated by plot.py at 2017-09-21 22:38:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.85 Mbit/s  
95th percentile per-packet one-way delay: 21.996 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 95.85 Mbit/s  
95th percentile per-packet one-way delay: 21.996 ms  
Loss rate: 0.07%

Run 4: Report of Indigo-calib — Data Link



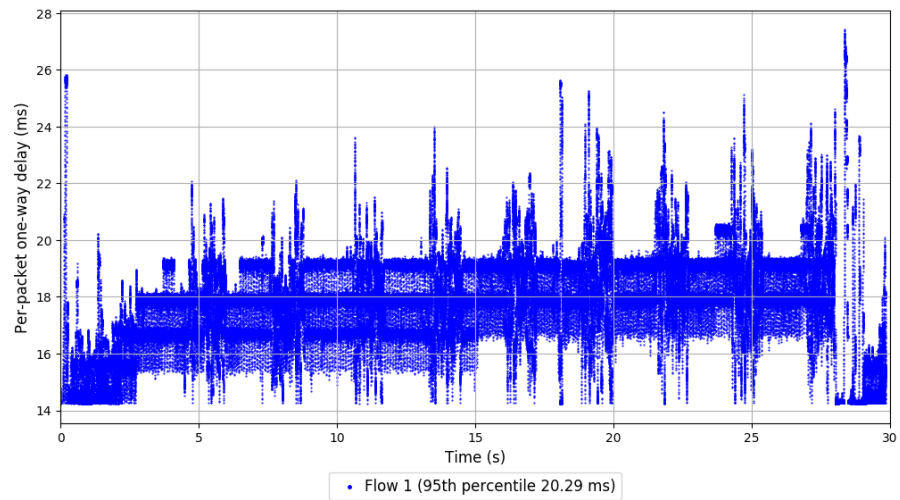
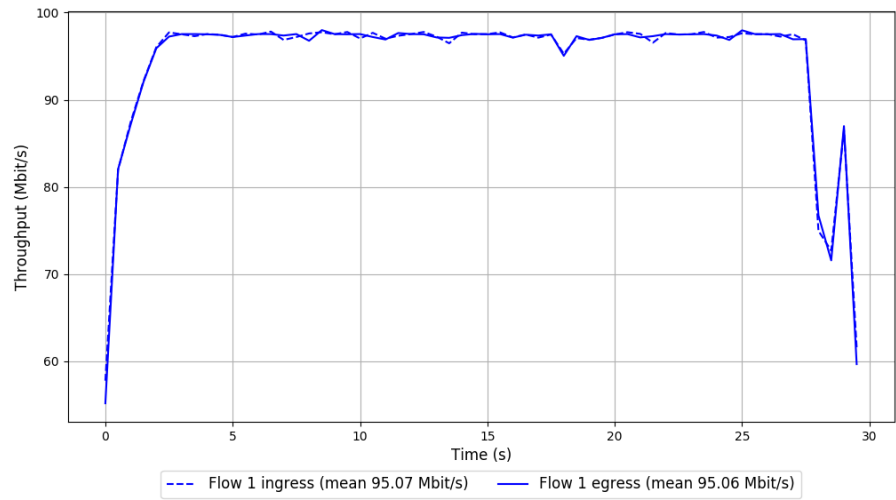
Run 5: Statistics of Indigo-calib

Start at: 2017-09-21 20:41:55  
End at: 2017-09-21 20:42:25  
Local clock offset: -3.184 ms  
Remote clock offset: -1.528 ms

# Below is generated by plot.py at 2017-09-21 22:38:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.06 Mbit/s  
95th percentile per-packet one-way delay: 20.287 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 95.06 Mbit/s  
95th percentile per-packet one-way delay: 20.287 ms  
Loss rate: 0.08%



### Run 5: Report of Indigo-calib — Data Link

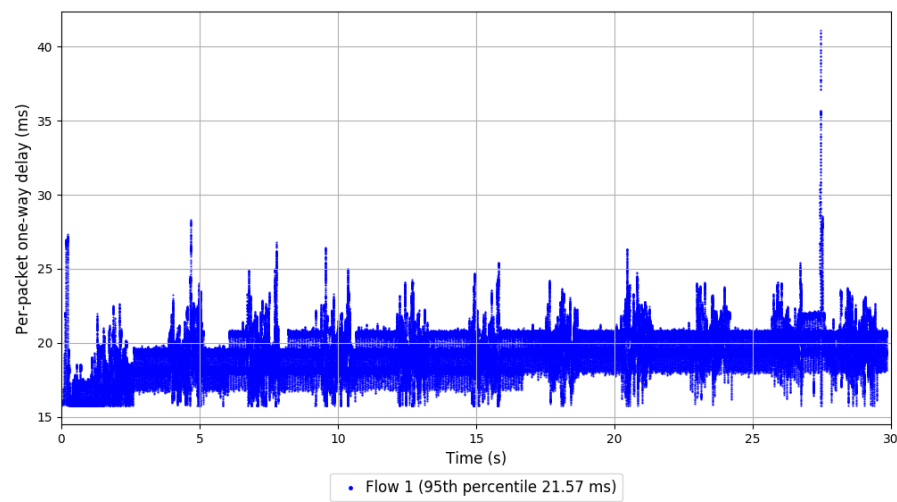
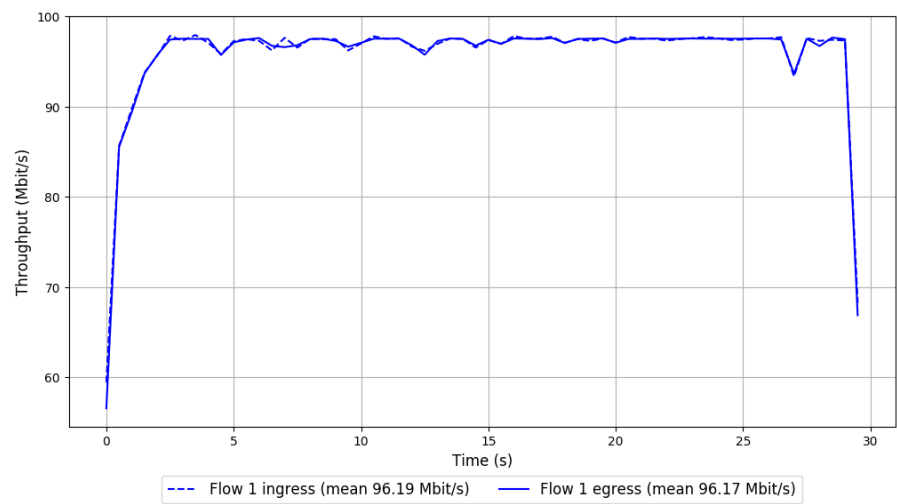


Run 6: Statistics of Indigo-calib

Start at: 2017-09-21 21:00:10  
End at: 2017-09-21 21:00:40  
Local clock offset: -2.304 ms  
Remote clock offset: -2.179 ms

# Below is generated by plot.py at 2017-09-21 22:38:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.17 Mbit/s  
95th percentile per-packet one-way delay: 21.569 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 96.17 Mbit/s  
95th percentile per-packet one-way delay: 21.569 ms  
Loss rate: 0.09%

Run 6: Report of Indigo-calib — Data Link

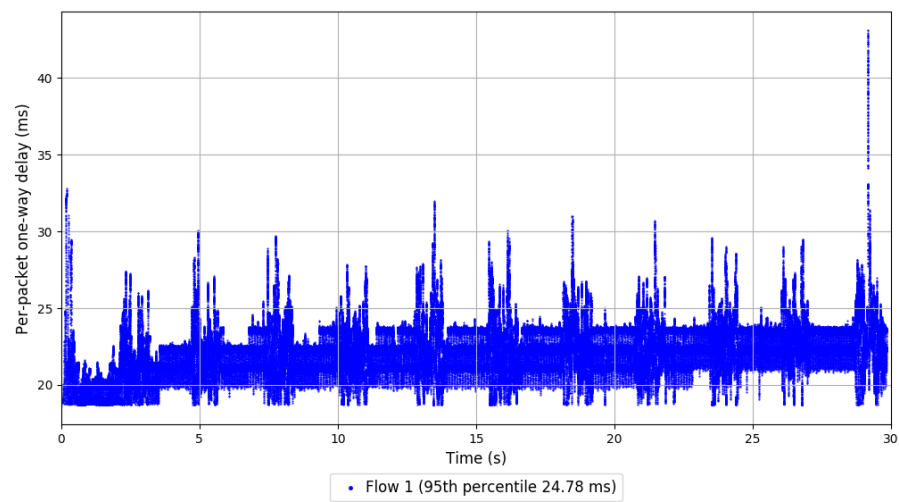
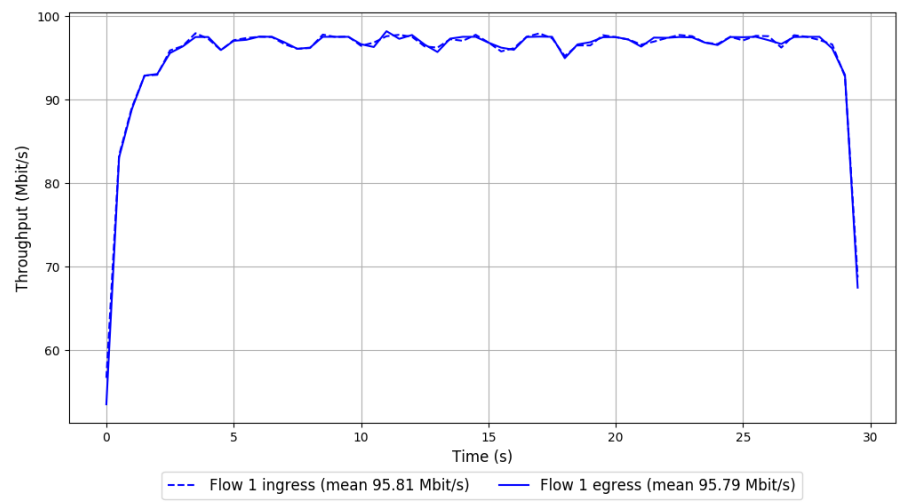


Run 7: Statistics of Indigo-calib

Start at: 2017-09-21 21:18:40  
End at: 2017-09-21 21:19:10  
Local clock offset: 0.182 ms  
Remote clock offset: -2.645 ms

# Below is generated by plot.py at 2017-09-21 22:38:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 95.79 Mbit/s  
95th percentile per-packet one-way delay: 24.784 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 95.79 Mbit/s  
95th percentile per-packet one-way delay: 24.784 ms  
Loss rate: 0.10%

Run 7: Report of Indigo-calib — Data Link

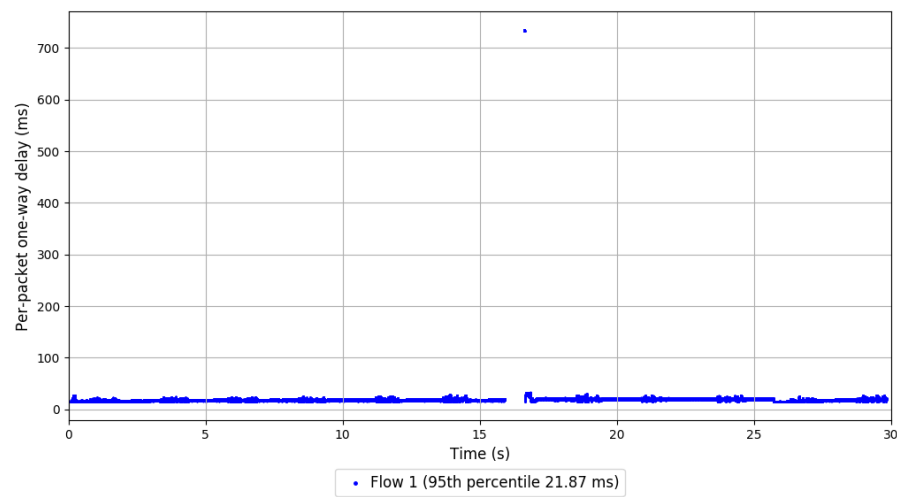
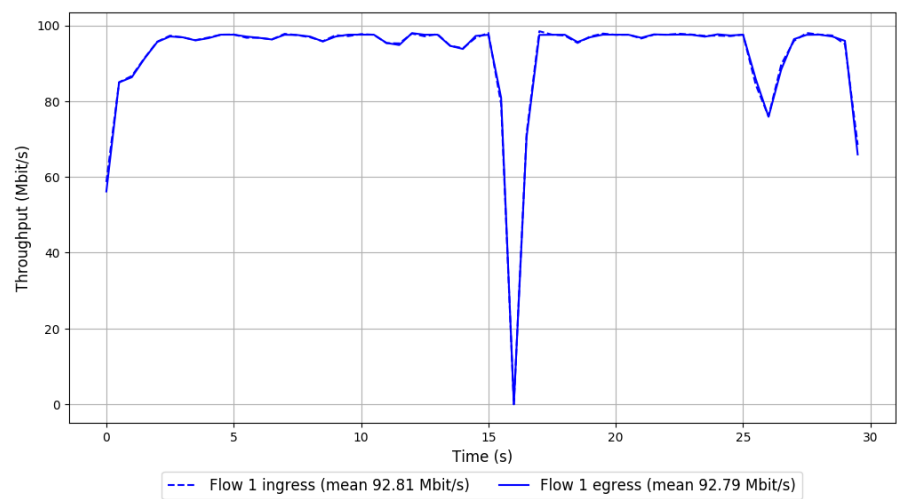


Run 8: Statistics of Indigo-calib

Start at: 2017-09-21 21:37:25  
End at: 2017-09-21 21:37:55  
Local clock offset: -2.905 ms  
Remote clock offset: -1.639 ms

# Below is generated by plot.py at 2017-09-21 22:38:37  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.79 Mbit/s  
95th percentile per-packet one-way delay: 21.870 ms  
Loss rate: 0.10%  
-- Flow 1:  
Average throughput: 92.79 Mbit/s  
95th percentile per-packet one-way delay: 21.870 ms  
Loss rate: 0.10%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-09-21 21:55:30

End at: 2017-09-21 21:56:00

Local clock offset: -3.247 ms

Remote clock offset: -1.82 ms

# Below is generated by plot.py at 2017-09-21 22:39:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 21.299 ms

Loss rate: 0.10%

-- Flow 1:

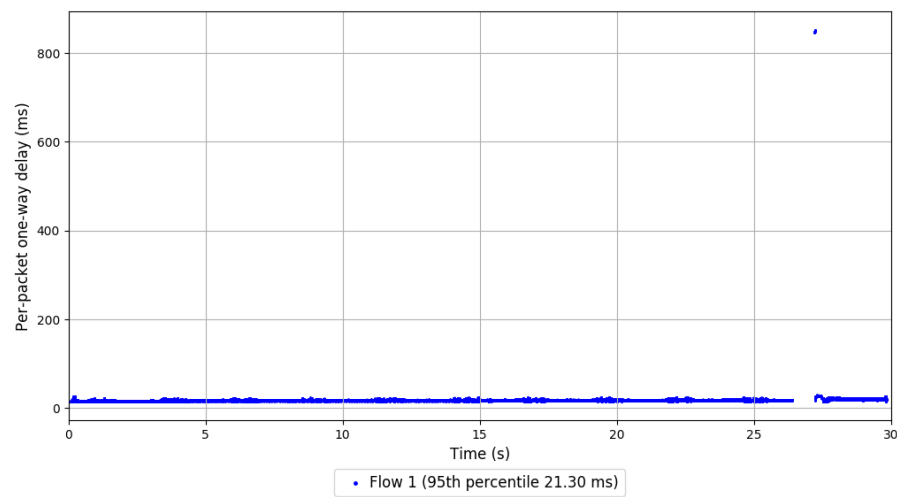
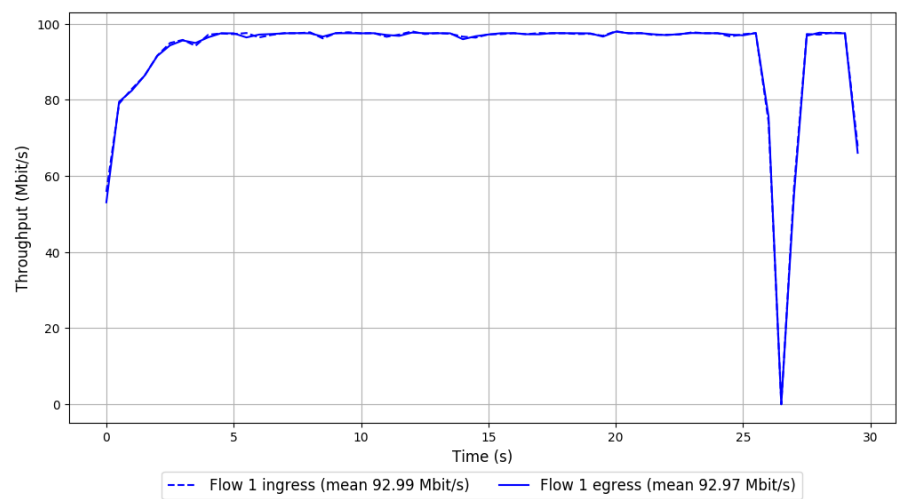
Average throughput: 92.97 Mbit/s

95th percentile per-packet one-way delay: 21.299 ms

Loss rate: 0.10%



Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-09-21 22:13:24

End at: 2017-09-21 22:13:54

Local clock offset: 0.015 ms

Remote clock offset: -2.074 ms

# Below is generated by plot.py at 2017-09-21 22:39:23

# Datalink statistics

-- Total of 1 flow:

Average throughput: 92.92 Mbit/s

95th percentile per-packet one-way delay: 24.103 ms

Loss rate: 0.10%

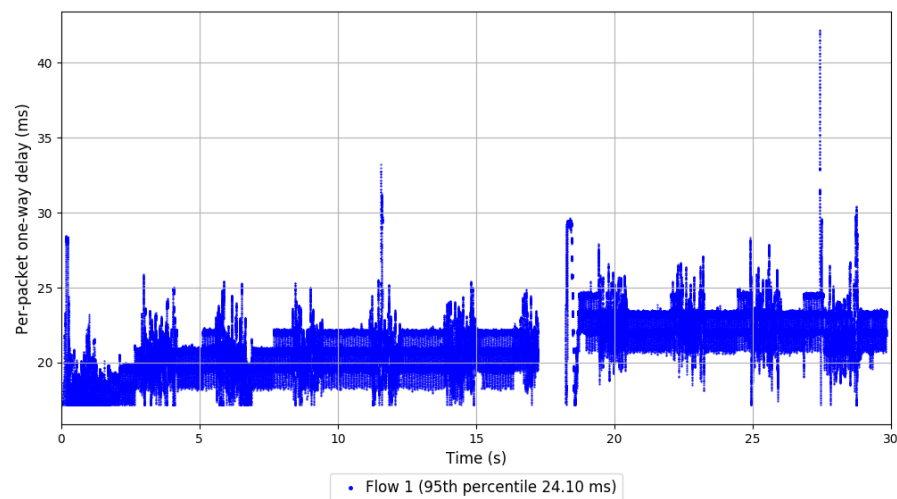
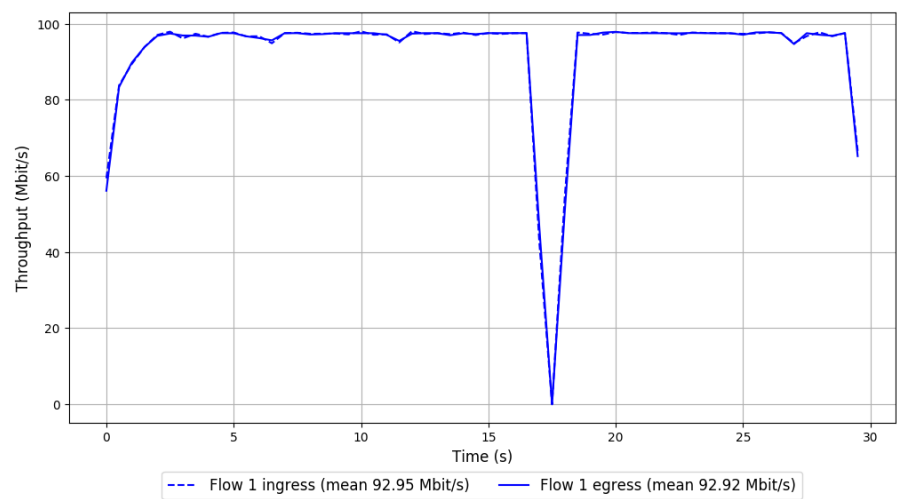
-- Flow 1:

Average throughput: 92.92 Mbit/s

95th percentile per-packet one-way delay: 24.103 ms

Loss rate: 0.10%

Run 10: Report of Indigo-calib — Data Link

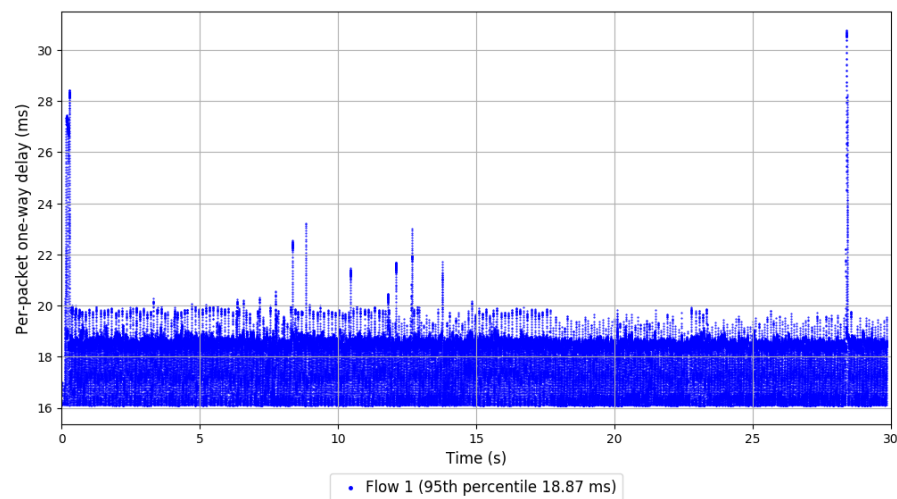
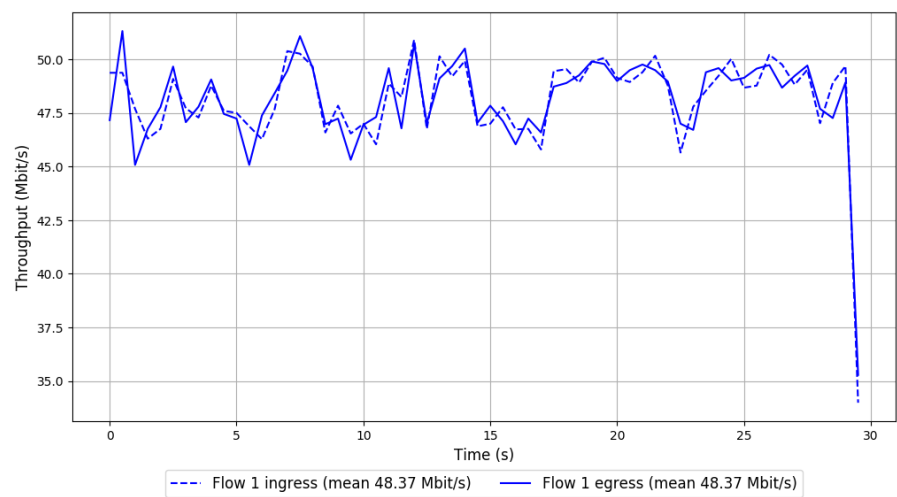


```
Run 1: Statistics of Indigo-delay

Start at: 2017-09-21 19:30:45
End at: 2017-09-21 19:31:15
Local clock offset: -2.59 ms
Remote clock offset: -2.683 ms

# Below is generated by plot.py at 2017-09-21 22:39:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 18.874 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 18.874 ms
Loss rate: 0.06%
```

Run 1: Report of Indigo-delay — Data Link

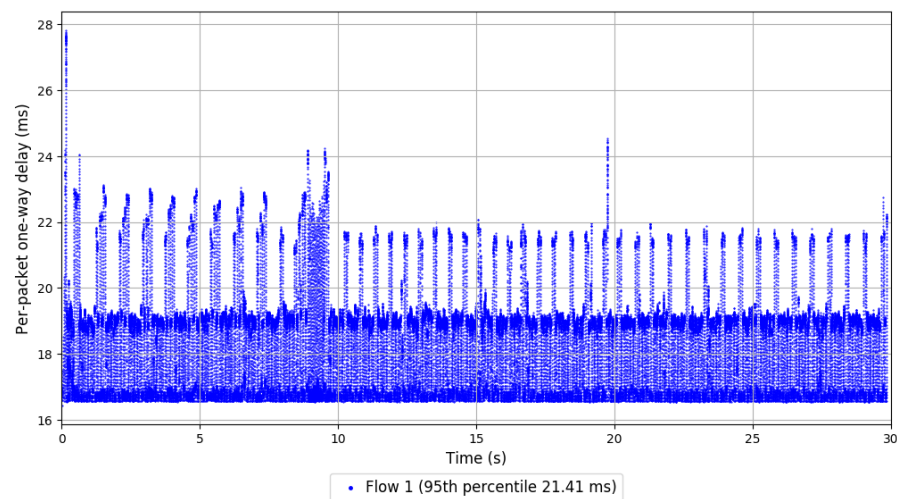
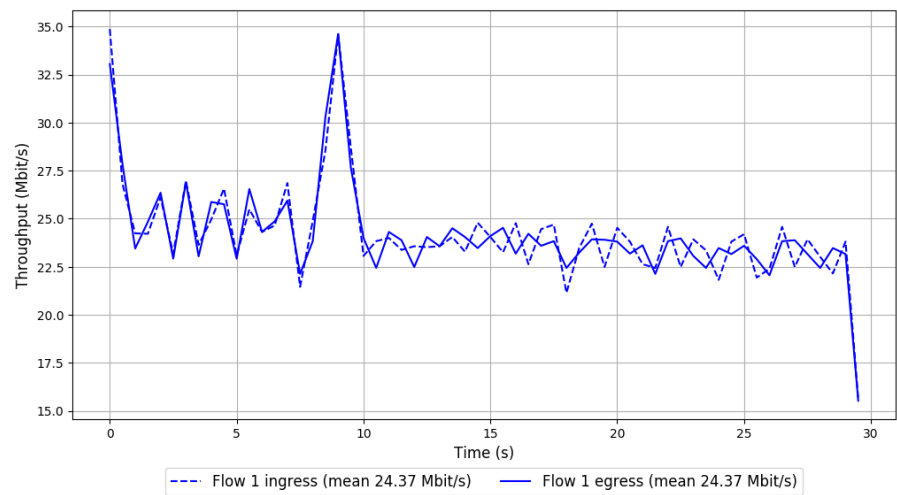


Run 2: Statistics of Indigo-delay

Start at: 2017-09-21 19:47:19  
End at: 2017-09-21 19:47:49  
Local clock offset: -0.8 ms  
Remote clock offset: -1.531 ms

# Below is generated by plot.py at 2017-09-21 22:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.37 Mbit/s  
95th percentile per-packet one-way delay: 21.407 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 24.37 Mbit/s  
95th percentile per-packet one-way delay: 21.407 ms  
Loss rate: 0.06%

Run 2: Report of Indigo-delay — Data Link



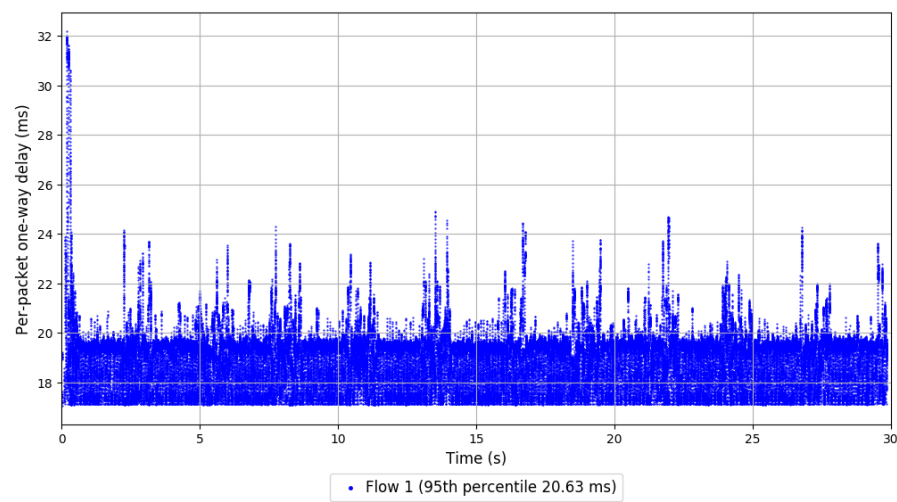
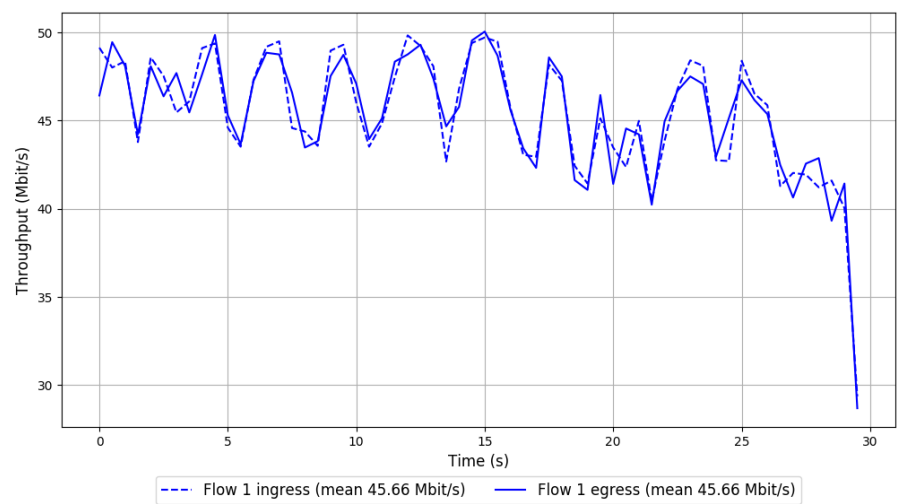
Run 3: Statistics of Indigo-delay

Start at: 2017-09-21 20:04:12  
End at: 2017-09-21 20:04:42  
Local clock offset: 0.006 ms  
Remote clock offset: -1.277 ms

# Below is generated by plot.py at 2017-09-21 22:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 45.66 Mbit/s  
95th percentile per-packet one-way delay: 20.628 ms  
Loss rate: 0.06%  
-- Flow 1:  
Average throughput: 45.66 Mbit/s  
95th percentile per-packet one-way delay: 20.628 ms  
Loss rate: 0.06%



Run 3: Report of Indigo-delay — Data Link

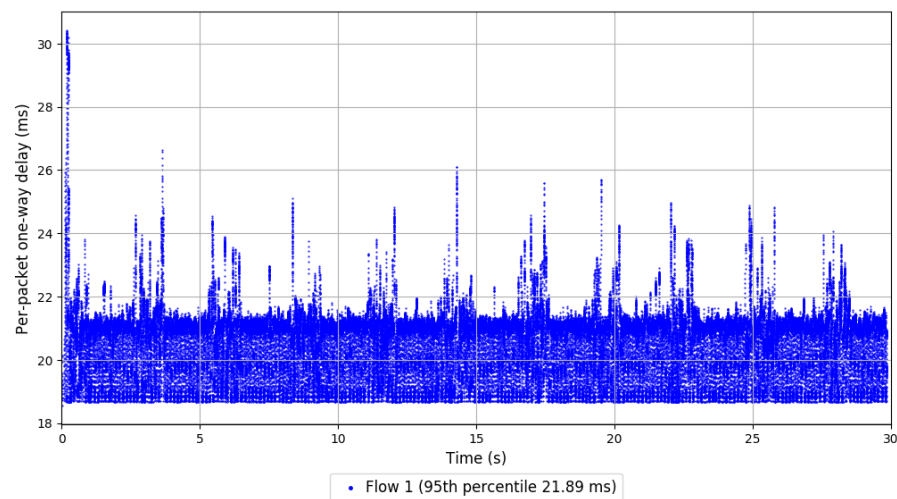
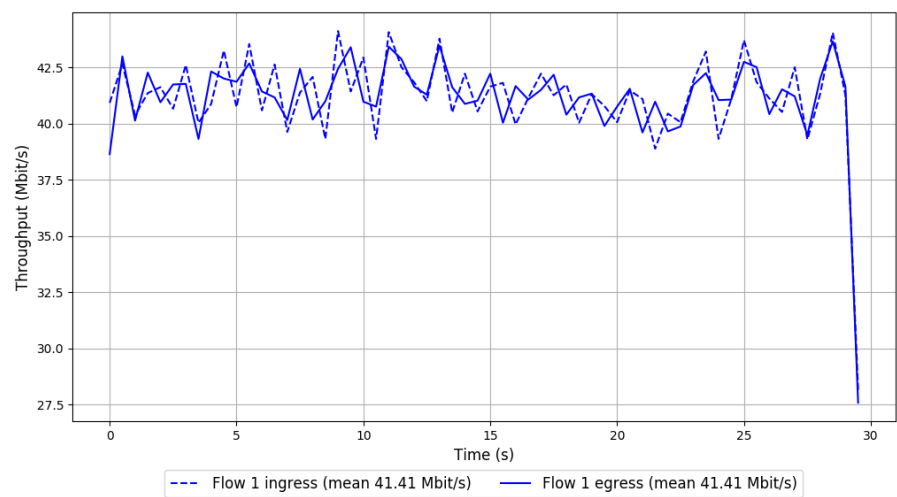


Run 4: Statistics of Indigo-delay

Start at: 2017-09-21 20:22:37  
End at: 2017-09-21 20:23:07  
Local clock offset: 0.229 ms  
Remote clock offset: -2.602 ms

# Below is generated by plot.py at 2017-09-21 22:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.41 Mbit/s  
95th percentile per-packet one-way delay: 21.894 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 41.41 Mbit/s  
95th percentile per-packet one-way delay: 21.894 ms  
Loss rate: 0.09%

Run 4: Report of Indigo-delay — Data Link

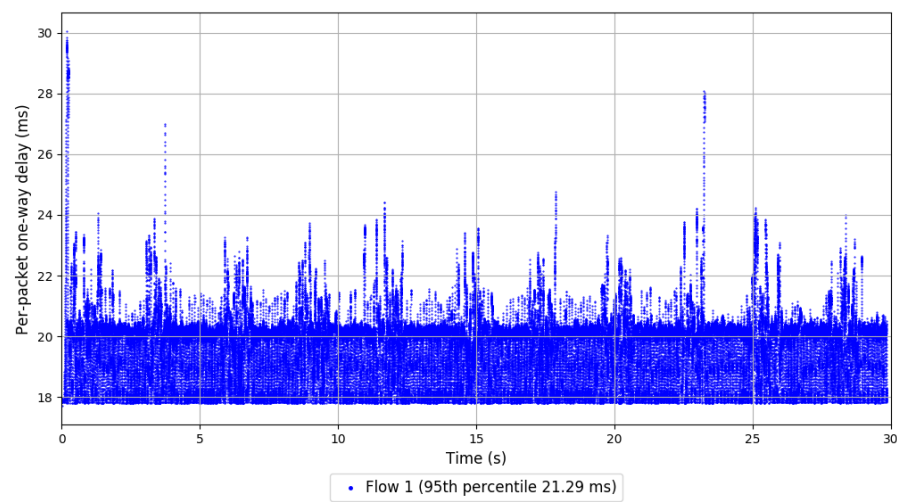
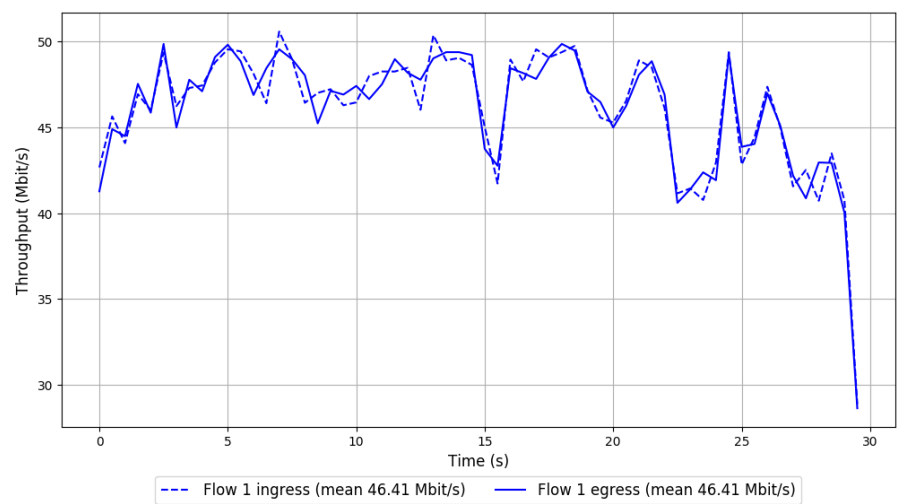


Run 5: Statistics of Indigo-delay

Start at: 2017-09-21 20:40:40  
End at: 2017-09-21 20:41:10  
Local clock offset: -0.281 ms  
Remote clock offset: -2.177 ms

# Below is generated by plot.py at 2017-09-21 22:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 46.41 Mbit/s  
95th percentile per-packet one-way delay: 21.289 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 46.41 Mbit/s  
95th percentile per-packet one-way delay: 21.289 ms  
Loss rate: 0.07%

Run 5: Report of Indigo-delay — Data Link

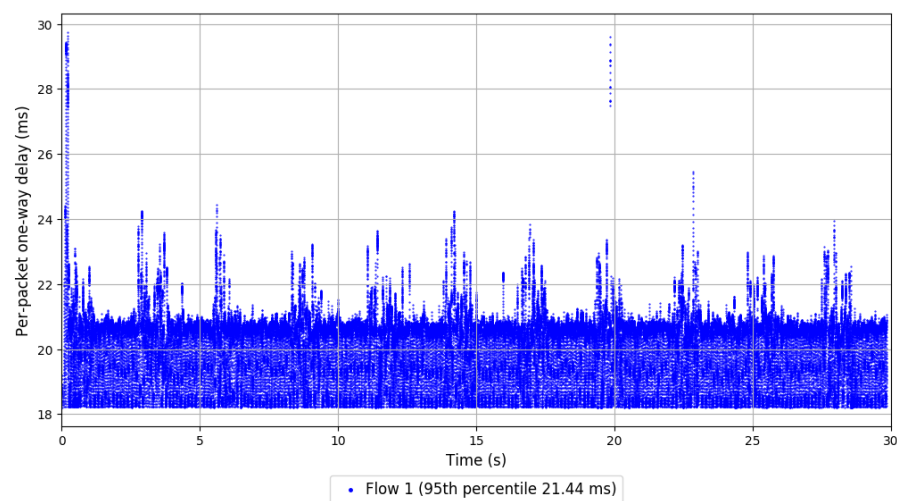
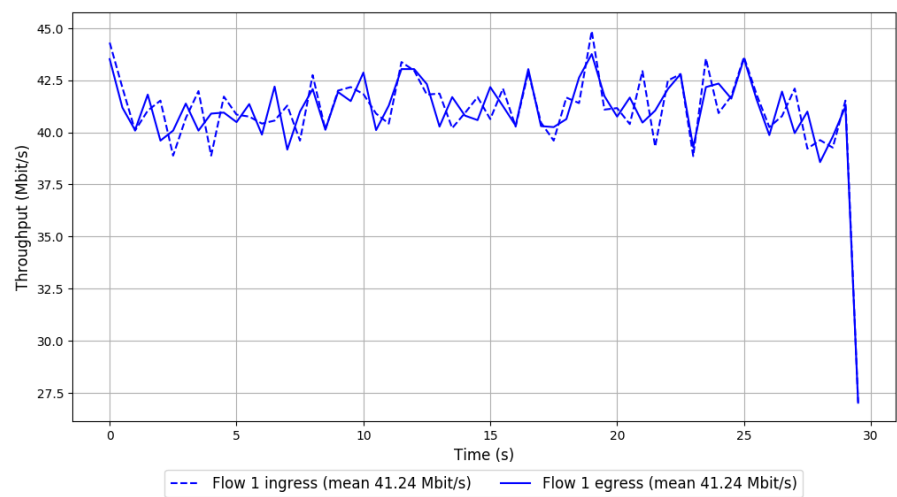


Run 6: Statistics of Indigo-delay

Start at: 2017-09-21 20:58:56  
End at: 2017-09-21 20:59:26  
Local clock offset: 0.316 ms  
Remote clock offset: -1.984 ms

# Below is generated by plot.py at 2017-09-21 22:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 41.24 Mbit/s  
95th percentile per-packet one-way delay: 21.437 ms  
Loss rate: 0.08%  
-- Flow 1:  
Average throughput: 41.24 Mbit/s  
95th percentile per-packet one-way delay: 21.437 ms  
Loss rate: 0.08%

Run 6: Report of Indigo-delay — Data Link



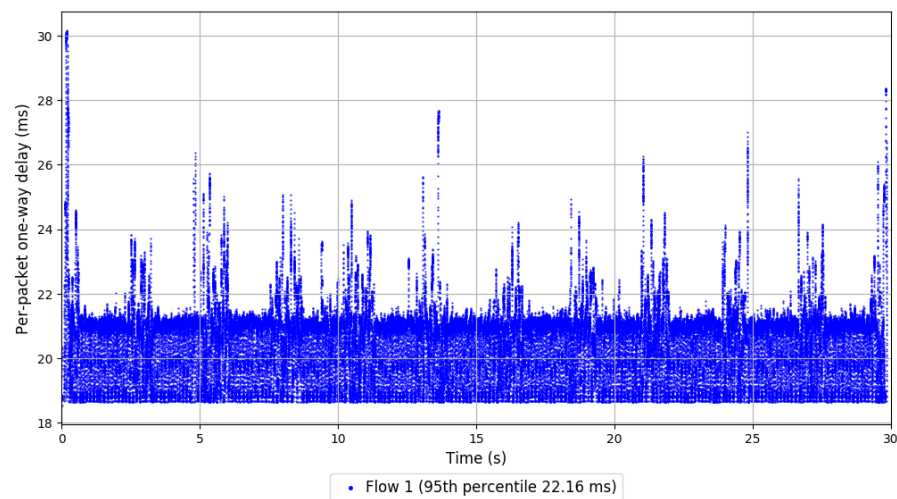
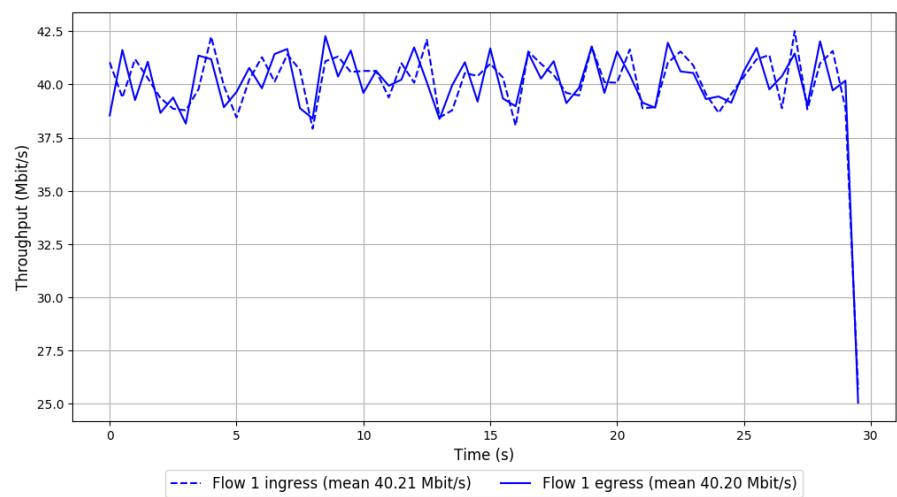
Run 7: Statistics of Indigo-delay

Start at: 2017-09-21 21:17:27  
End at: 2017-09-21 21:17:57  
Local clock offset: 0.187 ms  
Remote clock offset: -2.569 ms

# Below is generated by plot.py at 2017-09-21 22:39:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.20 Mbit/s  
95th percentile per-packet one-way delay: 22.161 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 40.20 Mbit/s  
95th percentile per-packet one-way delay: 22.161 ms  
Loss rate: 0.09%



Run 7: Report of Indigo-delay — Data Link

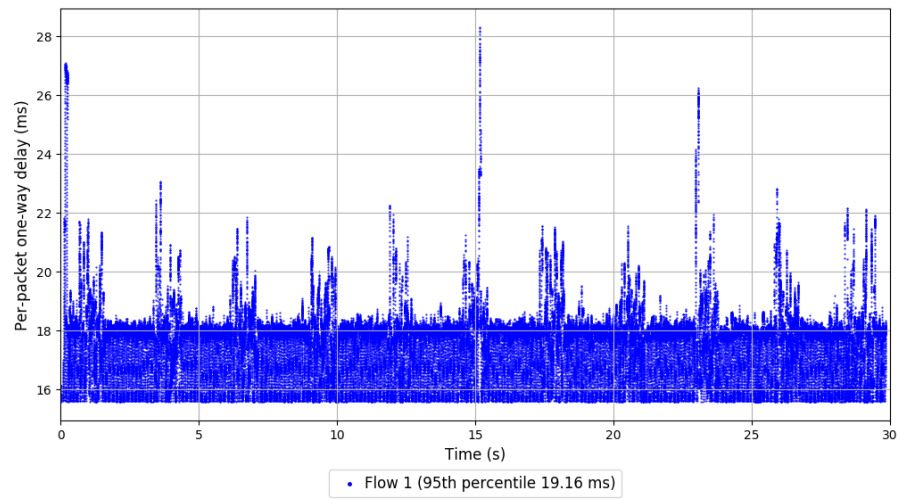
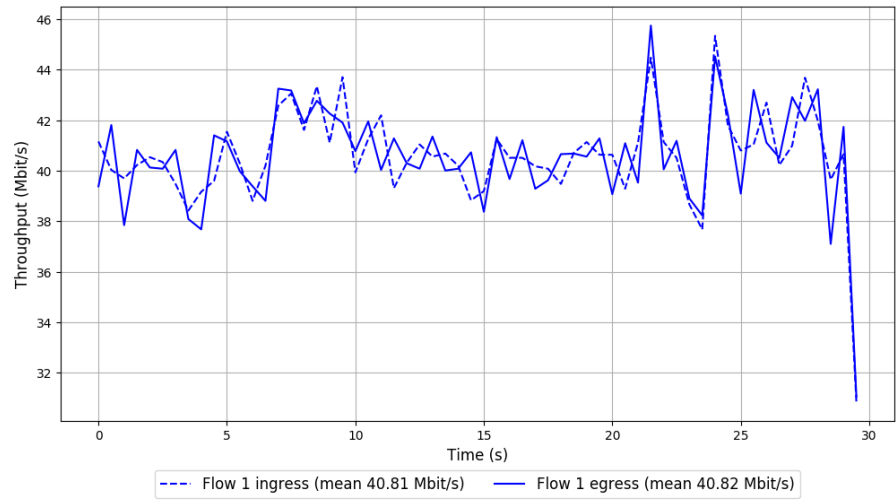


Run 8: Statistics of Indigo-delay

Start at: 2017-09-21 21:36:09  
End at: 2017-09-21 21:36:39  
Local clock offset: -2.377 ms  
Remote clock offset: -2.213 ms

# Below is generated by plot.py at 2017-09-21 22:39:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 40.82 Mbit/s  
95th percentile per-packet one-way delay: 19.163 ms  
Loss rate: 0.07%  
-- Flow 1:  
Average throughput: 40.82 Mbit/s  
95th percentile per-packet one-way delay: 19.163 ms  
Loss rate: 0.07%

### Run 8: Report of Indigo-delay — Data Link

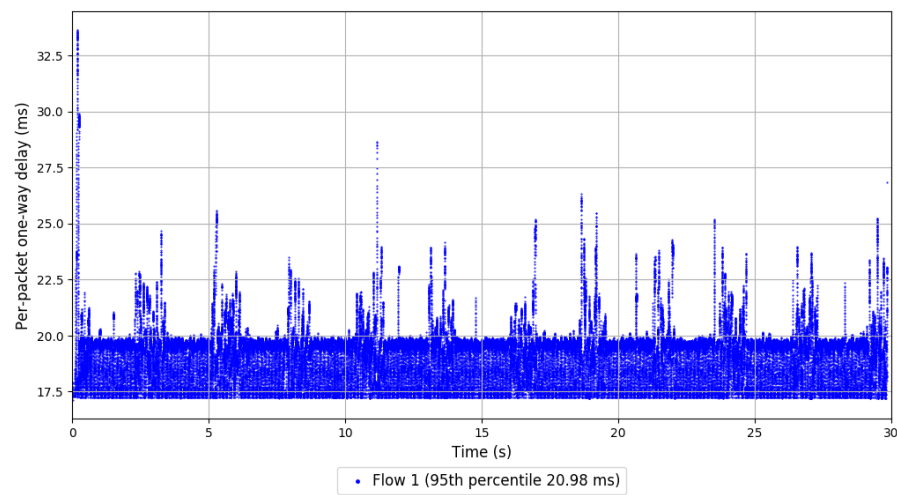
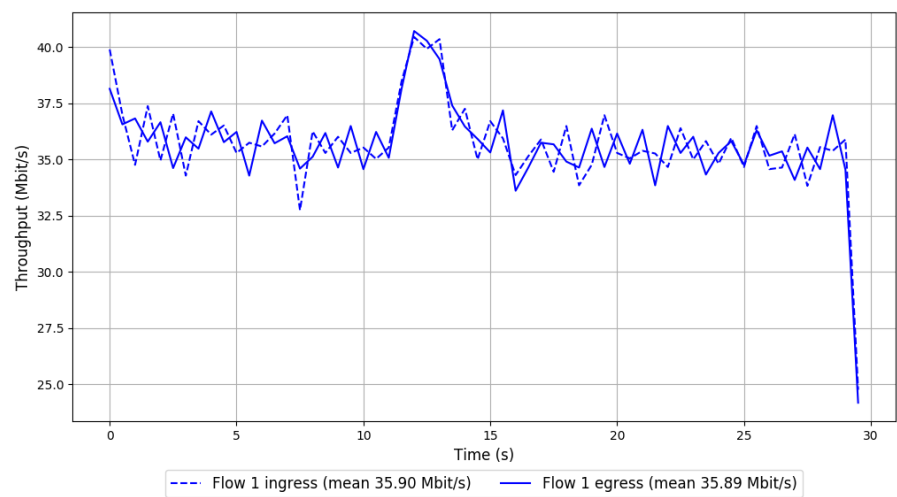


Run 9: Statistics of Indigo-delay

Start at: 2017-09-21 21:54:17  
End at: 2017-09-21 21:54:48  
Local clock offset: -0.029 ms  
Remote clock offset: -1.661 ms

# Below is generated by plot.py at 2017-09-21 22:39:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 35.89 Mbit/s  
95th percentile per-packet one-way delay: 20.978 ms  
Loss rate: 0.09%  
-- Flow 1:  
Average throughput: 35.89 Mbit/s  
95th percentile per-packet one-way delay: 20.978 ms  
Loss rate: 0.09%

Run 9: Report of Indigo-delay — Data Link



Run 10: Statistics of Indigo-delay

Start at: 2017-09-21 22:12:10

End at: 2017-09-21 22:12:40

Local clock offset: 0.417 ms

Remote clock offset: -2.057 ms

# Below is generated by plot.py at 2017-09-21 22:39:28

# Datalink statistics

-- Total of 1 flow:

Average throughput: 41.43 Mbit/s

95th percentile per-packet one-way delay: 20.888 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 41.43 Mbit/s

95th percentile per-packet one-way delay: 20.888 ms

Loss rate: 0.10%

Run 10: Report of Indigo-delay — Data Link

