

## Pantheon Report

Generated at 2017-09-03 10:29:08 (UTC).

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

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

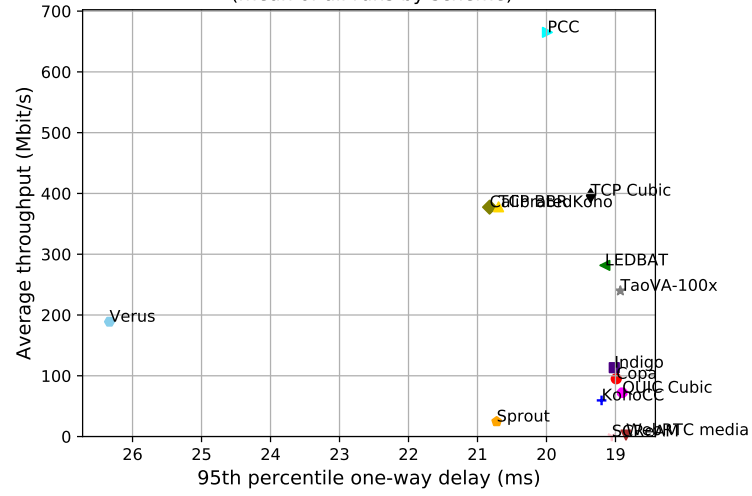
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).

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

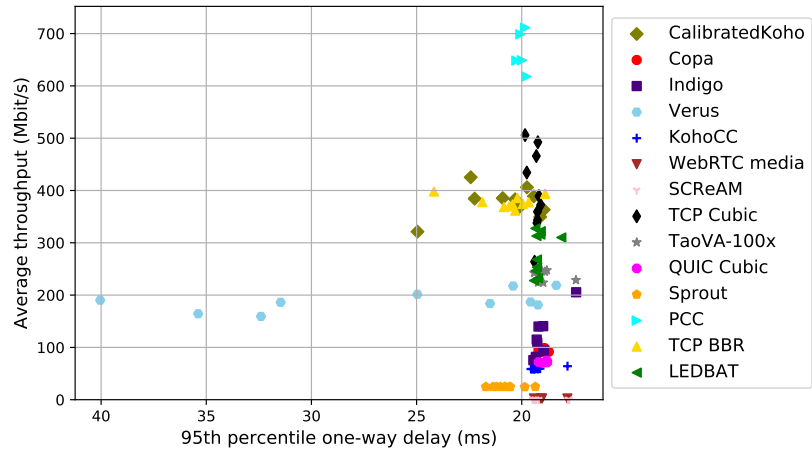
Git summary:

```
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
  M scripts/merge-tunnel-logs
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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 AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from AWS California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	377.99	20.69	0.01
CalibratedKoho	10	377.43	20.82	0.00
Copa	10	95.09	18.99	0.00
TCP Cubic	10	396.45	19.36	0.01
Indigo	10	113.33	19.02	0.00
KohoCC	10	59.48	19.20	0.00
LEDBAT	10	281.64	19.15	0.00
PCC	5	665.08	19.99	0.01
QUIC Cubic	6	72.17	18.90	0.00
SCReAM	10	0.22	19.05	0.00
Sprout	10	24.71	20.72	0.01
TaoVA-100x	10	239.81	18.93	0.00
TCP Vegas	0	N/A	N/A	N/A
Verus	10	188.97	26.33	0.01
WebRTC media	4	2.38	18.85	0.00

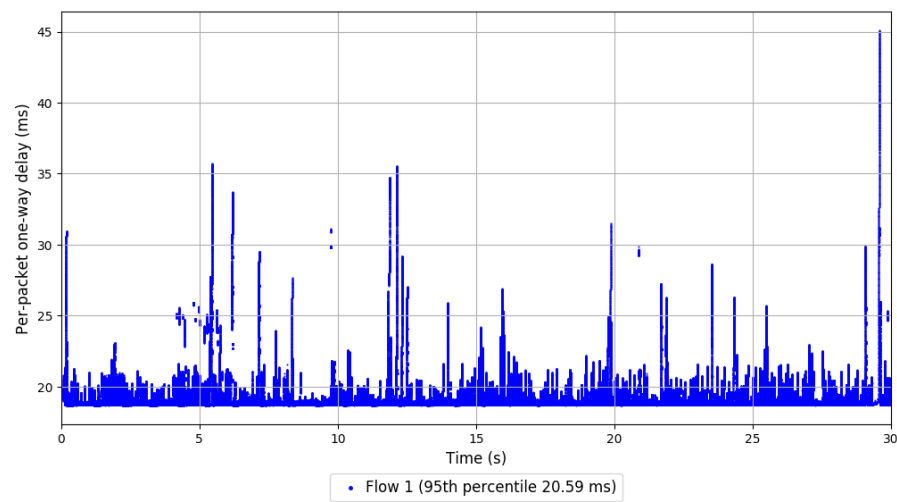
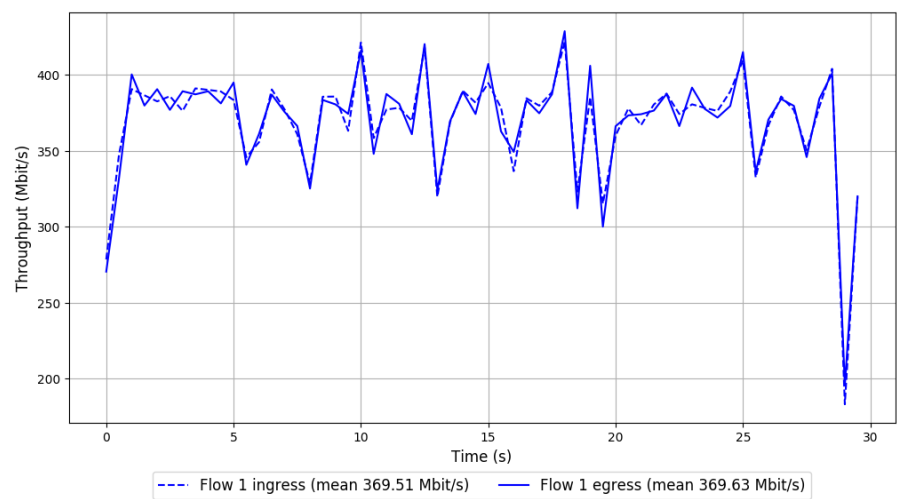
Run 1: Statistics of TCP BBR

Start at: 2017-09-03 04:20:20  
End at: 2017-09-03 04:20:50  
Local clock offset: -0.488 ms  
Remote clock offset: -0.977 ms

# Below is generated by plot.py at 2017-09-03 09:55:24  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 369.63 Mbit/s  
95th percentile per-packet one-way delay: 20.594 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 369.63 Mbit/s  
95th percentile per-packet one-way delay: 20.594 ms  
Loss rate: 0.00%



Run 1: Report of TCP BBR — Data Link

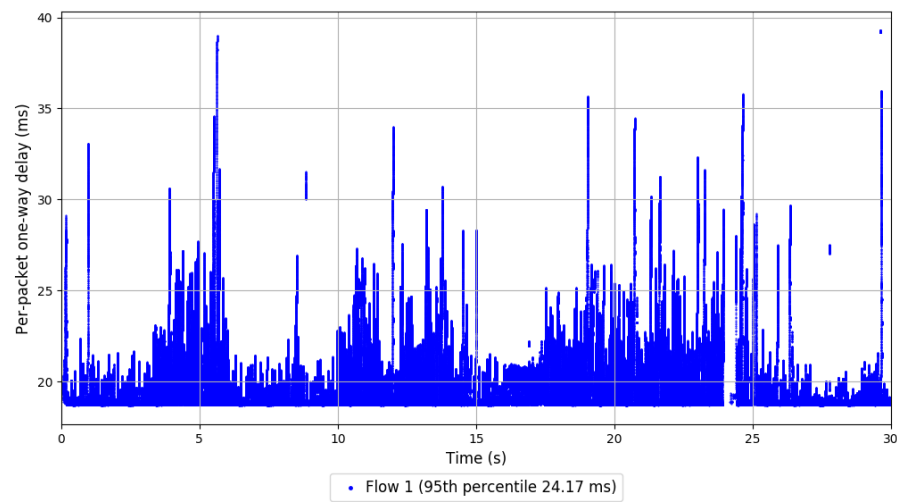
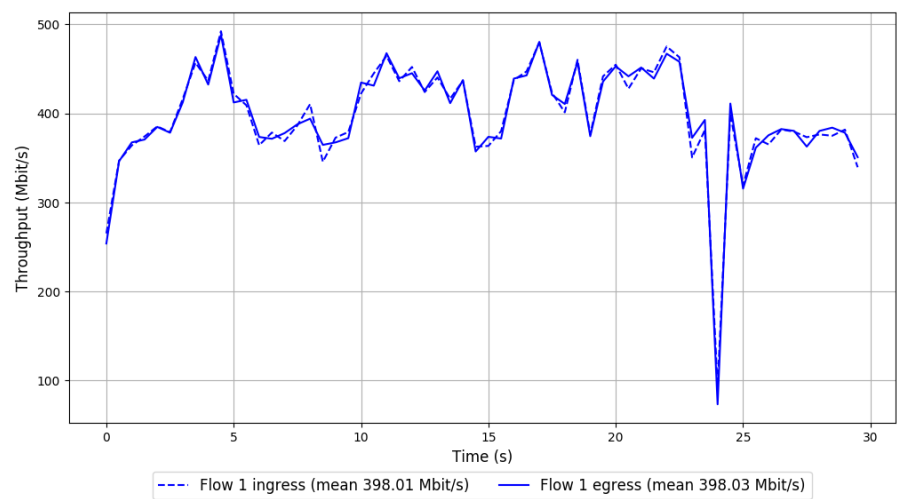


Run 2: Statistics of TCP BBR

Start at: 2017-09-03 04:40:21  
End at: 2017-09-03 04:40:51  
Local clock offset: 0.124 ms  
Remote clock offset: -0.738 ms

# Below is generated by plot.py at 2017-09-03 09:55:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 398.03 Mbit/s  
95th percentile per-packet one-way delay: 24.173 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 398.03 Mbit/s  
95th percentile per-packet one-way delay: 24.173 ms  
Loss rate: 0.01%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-03 05:00:52

End at: 2017-09-03 05:01:22

Local clock offset: 0.266 ms

Remote clock offset: -0.637 ms

# Below is generated by plot.py at 2017-09-03 09:56:13

# Datalink statistics

-- Total of 1 flow:

Average throughput: 368.39 Mbit/s

95th percentile per-packet one-way delay: 20.847 ms

Loss rate: 0.01%

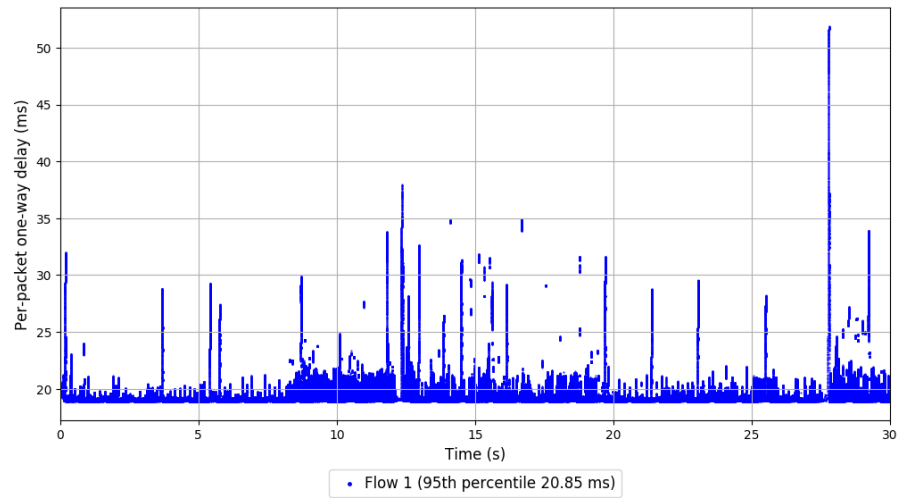
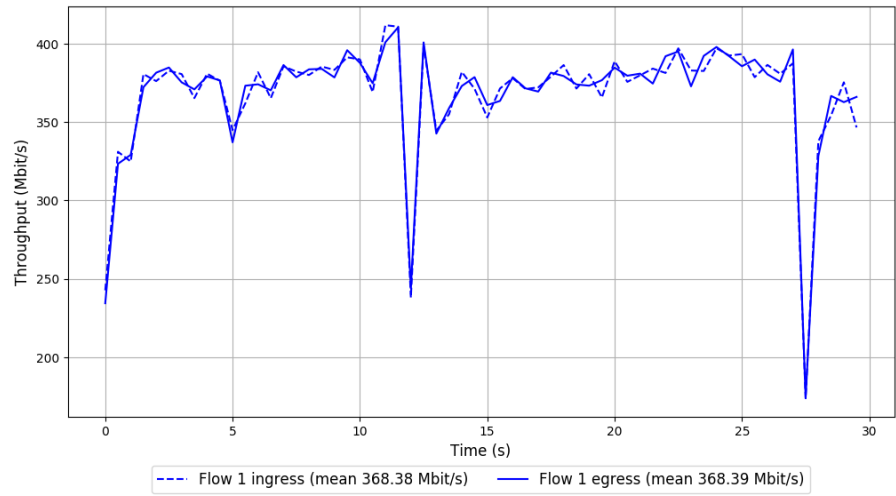
-- Flow 1:

Average throughput: 368.39 Mbit/s

95th percentile per-packet one-way delay: 20.847 ms

Loss rate: 0.01%

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

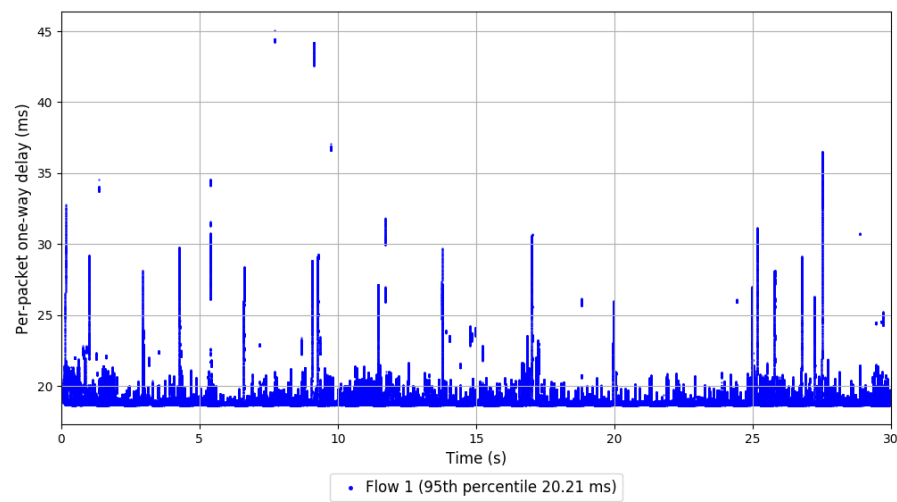
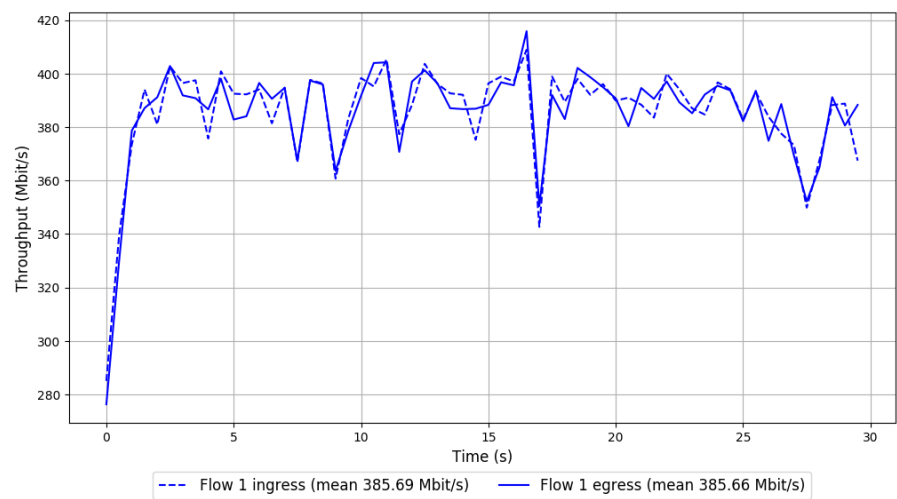


Run 4: Statistics of TCP BBR

Start at: 2017-09-03 05:21:01  
End at: 2017-09-03 05:21:31  
Local clock offset: 0.242 ms  
Remote clock offset: -0.917 ms

# Below is generated by plot.py at 2017-09-03 09:56:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 385.66 Mbit/s  
95th percentile per-packet one-way delay: 20.208 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 385.66 Mbit/s  
95th percentile per-packet one-way delay: 20.208 ms  
Loss rate: 0.03%

Run 4: Report of TCP BBR — Data Link



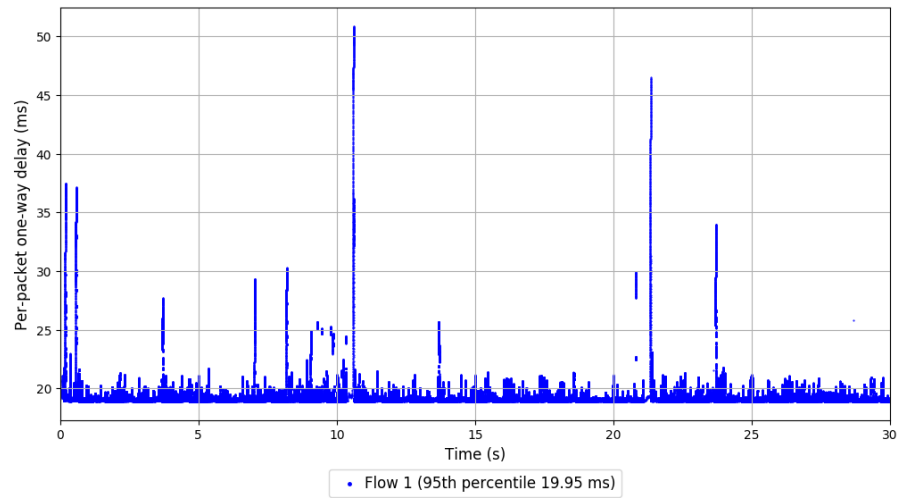
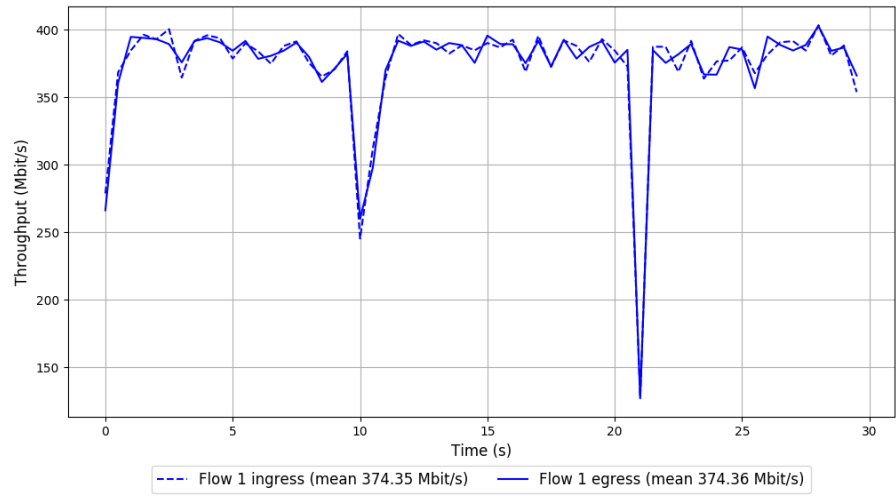
Run 5: Statistics of TCP BBR

Start at: 2017-09-03 05:41:19  
End at: 2017-09-03 05:41:49  
Local clock offset: 0.05 ms  
Remote clock offset: -0.735 ms

# Below is generated by plot.py at 2017-09-03 09:57:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 374.36 Mbit/s  
95th percentile per-packet one-way delay: 19.950 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 374.36 Mbit/s  
95th percentile per-packet one-way delay: 19.950 ms  
Loss rate: 0.01%



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



Run 6: Statistics of TCP BBR

Start at: 2017-09-03 06:01:24

End at: 2017-09-03 06:01:54

Local clock offset: 0.047 ms

Remote clock offset: -0.561 ms

# Below is generated by plot.py at 2017-09-03 09:57:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 393.78 Mbit/s

95th percentile per-packet one-way delay: 18.890 ms

Loss rate: 0.00%

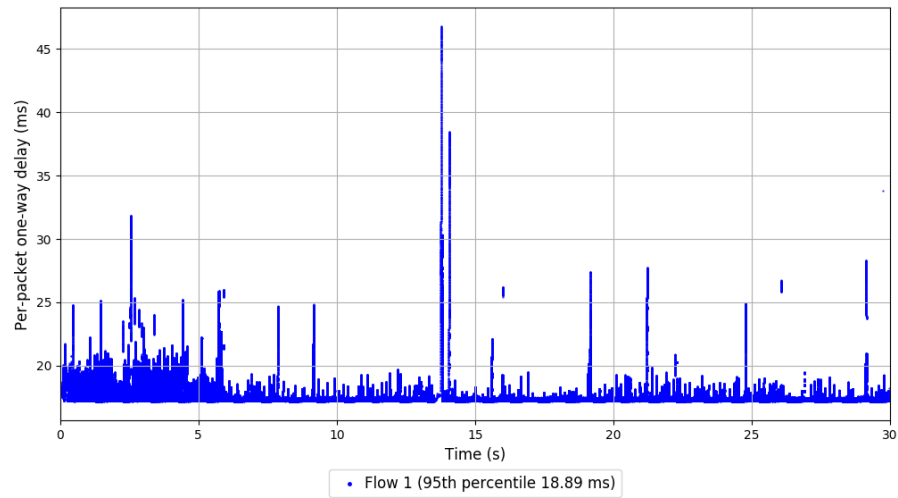
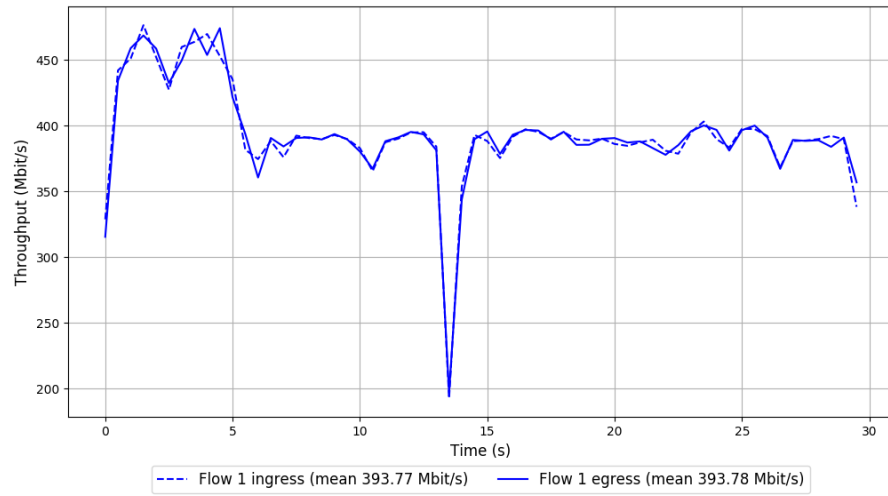
-- Flow 1:

Average throughput: 393.78 Mbit/s

95th percentile per-packet one-way delay: 18.890 ms

Loss rate: 0.00%

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

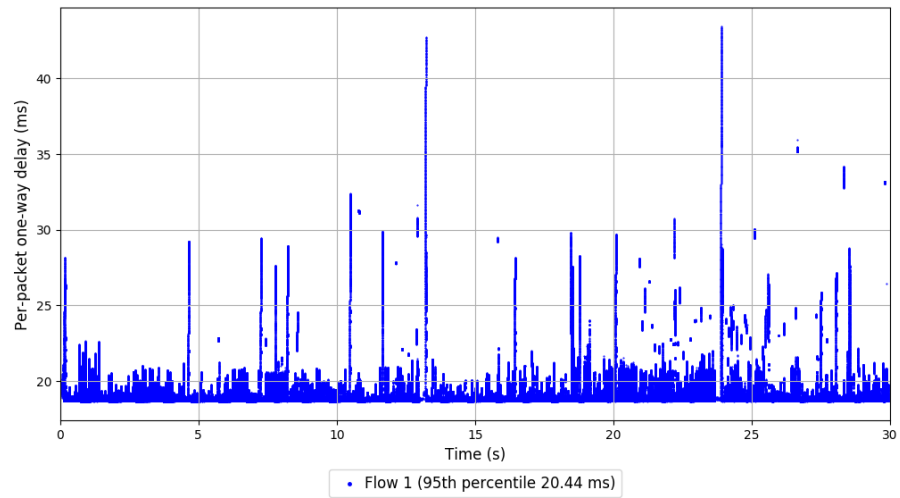
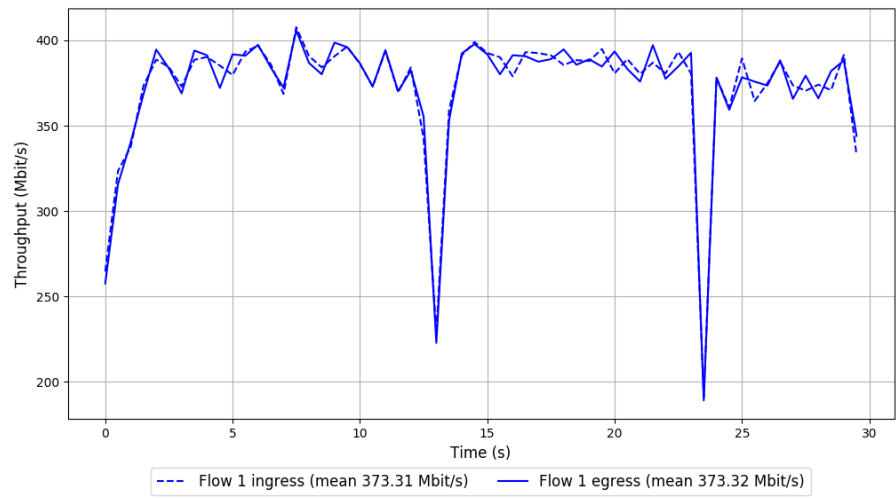


Run 7: Statistics of TCP BBR

Start at: 2017-09-03 06:21:14  
End at: 2017-09-03 06:21:44  
Local clock offset: 0.062 ms  
Remote clock offset: -0.284 ms

# Below is generated by plot.py at 2017-09-03 09:57:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 373.32 Mbit/s  
95th percentile per-packet one-way delay: 20.436 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 373.32 Mbit/s  
95th percentile per-packet one-way delay: 20.436 ms  
Loss rate: 0.01%

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



Run 8: Statistics of TCP BBR

Start at: 2017-09-03 06:41:32

End at: 2017-09-03 06:42:02

Local clock offset: -0.126 ms

Remote clock offset: -0.57 ms

# Below is generated by plot.py at 2017-09-03 09:57:57

# Datalink statistics

-- Total of 1 flow:

Average throughput: 377.38 Mbit/s

95th percentile per-packet one-way delay: 19.667 ms

Loss rate: 0.00%

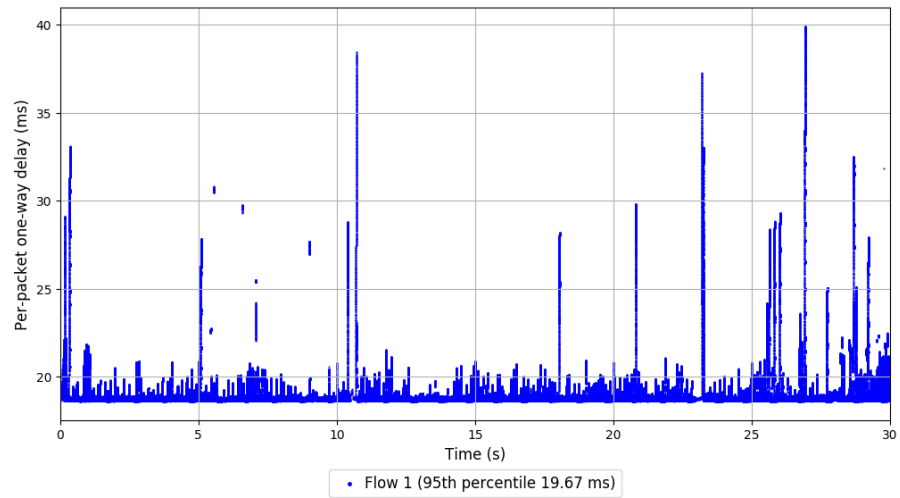
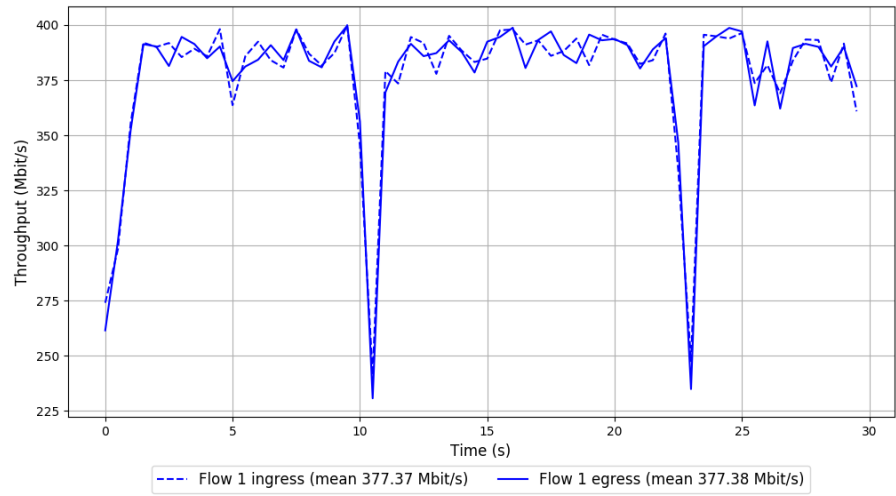
-- Flow 1:

Average throughput: 377.38 Mbit/s

95th percentile per-packet one-way delay: 19.667 ms

Loss rate: 0.00%

# Run 8: Report of TCP BBR — Data Link



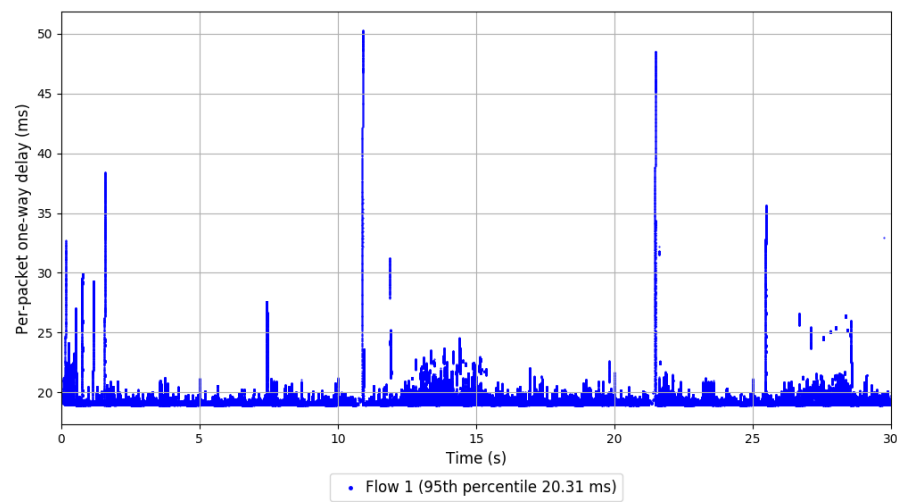
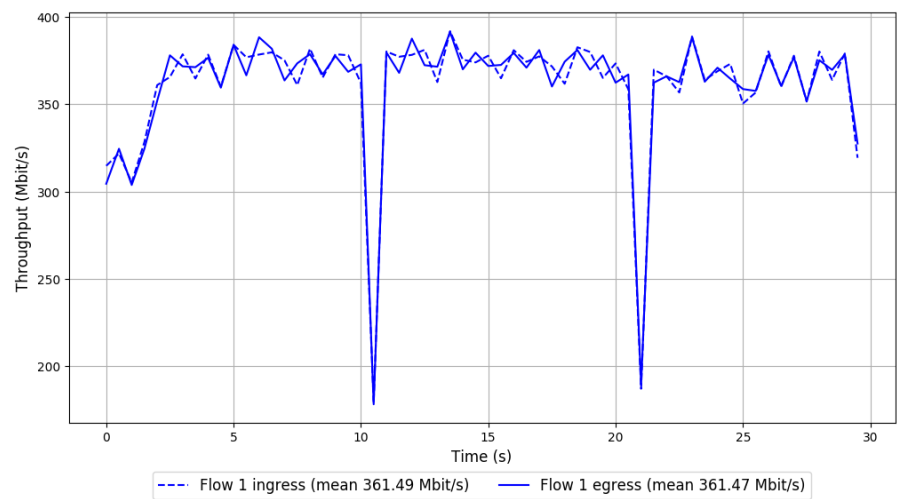
Run 9: Statistics of TCP BBR

Start at: 2017-09-03 07:01:48  
End at: 2017-09-03 07:02:18  
Local clock offset: -0.339 ms  
Remote clock offset: -0.632 ms

# Below is generated by plot.py at 2017-09-03 09:58:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 361.47 Mbit/s  
95th percentile per-packet one-way delay: 20.309 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 361.47 Mbit/s  
95th percentile per-packet one-way delay: 20.309 ms  
Loss rate: 0.02%



Run 9: Report of TCP BBR — Data Link

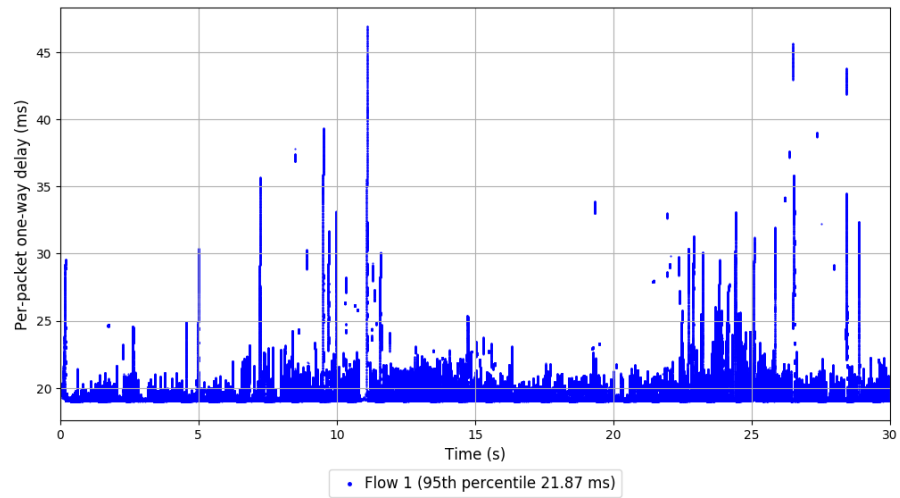
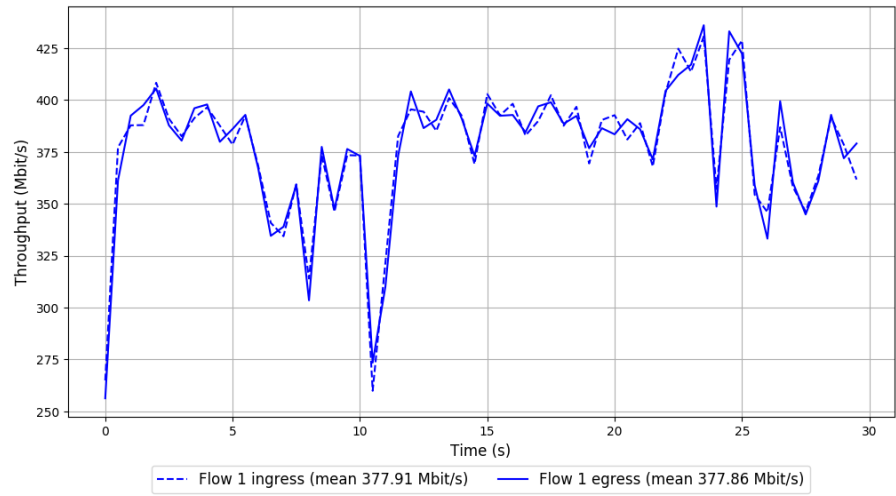


Run 10: Statistics of TCP BBR

Start at: 2017-09-03 07:21:48  
End at: 2017-09-03 07:22:18  
Local clock offset: -0.614 ms  
Remote clock offset: -0.969 ms

# Below is generated by plot.py at 2017-09-03 09:58:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 377.86 Mbit/s  
95th percentile per-packet one-way delay: 21.872 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 377.86 Mbit/s  
95th percentile per-packet one-way delay: 21.872 ms  
Loss rate: 0.03%

# Run 10: Report of TCP BBR — Data Link

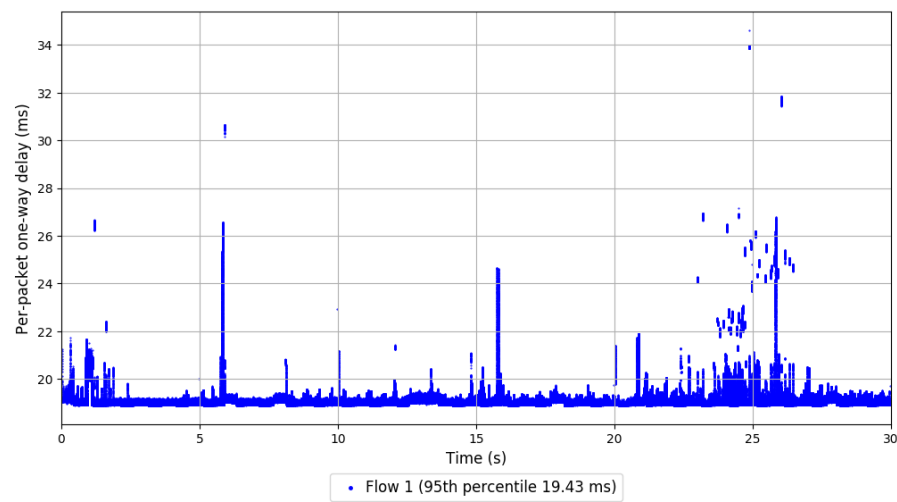
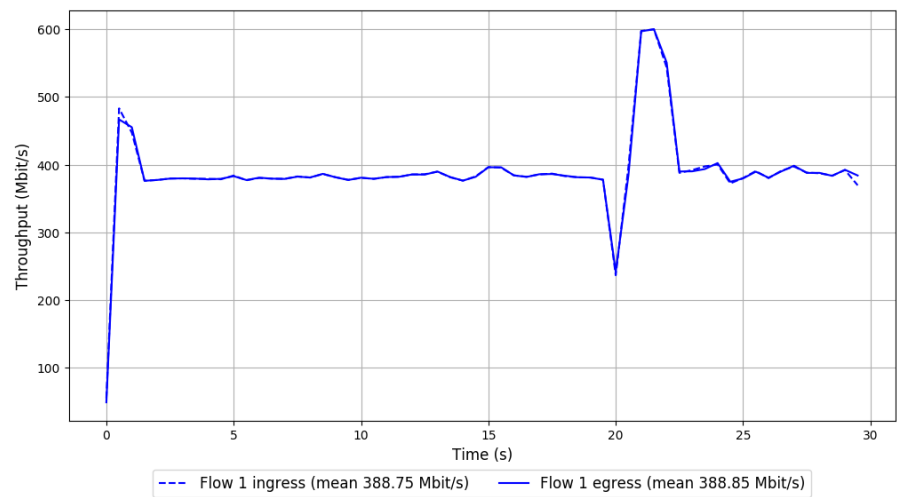


Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 04:36:14  
End at: 2017-09-03 04:36:44  
Local clock offset: 0.03 ms  
Remote clock offset: -0.828 ms

# Below is generated by plot.py at 2017-09-03 09:59:34  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 388.85 Mbit/s  
95th percentile per-packet one-way delay: 19.425 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 388.85 Mbit/s  
95th percentile per-packet one-way delay: 19.425 ms  
Loss rate: 0.00%

Run 1: Report of CalibratedKoho — Data Link

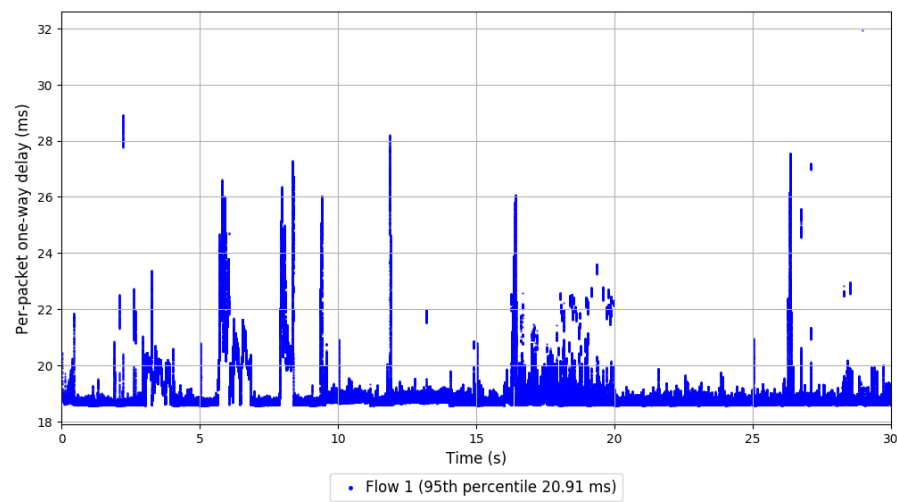
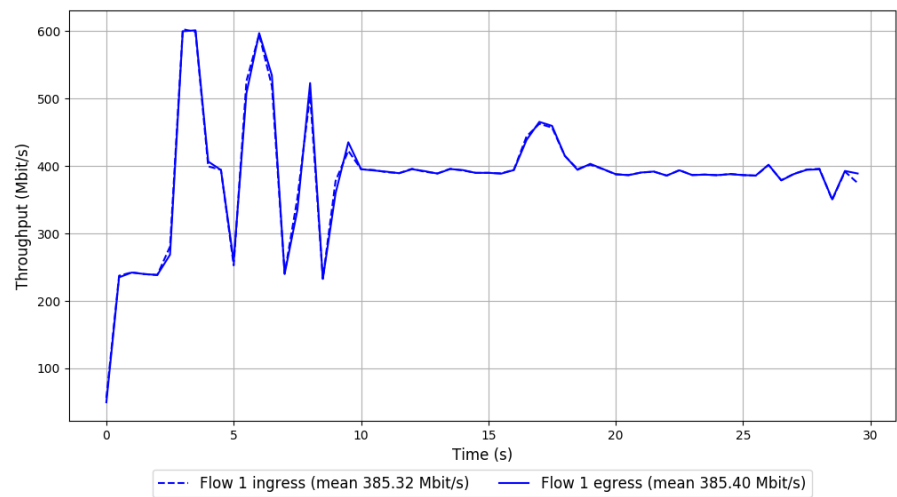


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-03 04:56:43  
End at: 2017-09-03 04:57:13  
Local clock offset: 0.372 ms  
Remote clock offset: -0.554 ms

# Below is generated by plot.py at 2017-09-03 09:59:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 385.40 Mbit/s  
95th percentile per-packet one-way delay: 20.905 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 385.40 Mbit/s  
95th percentile per-packet one-way delay: 20.905 ms  
Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link



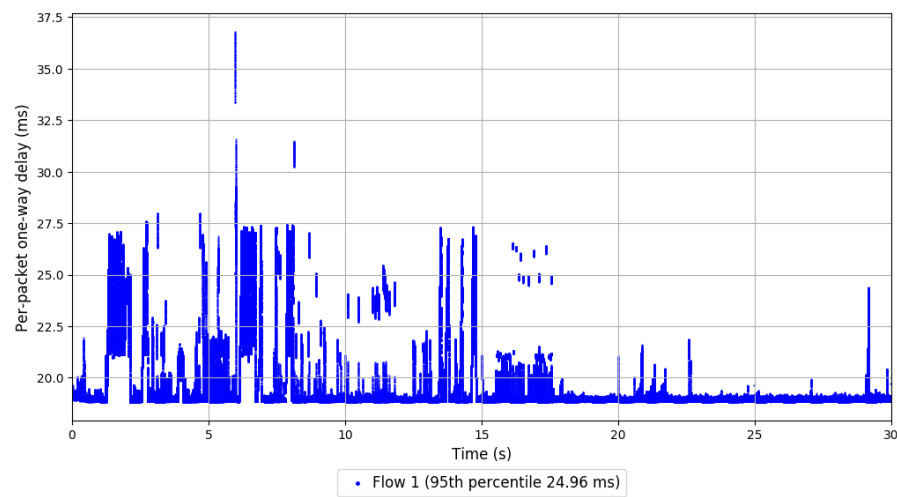
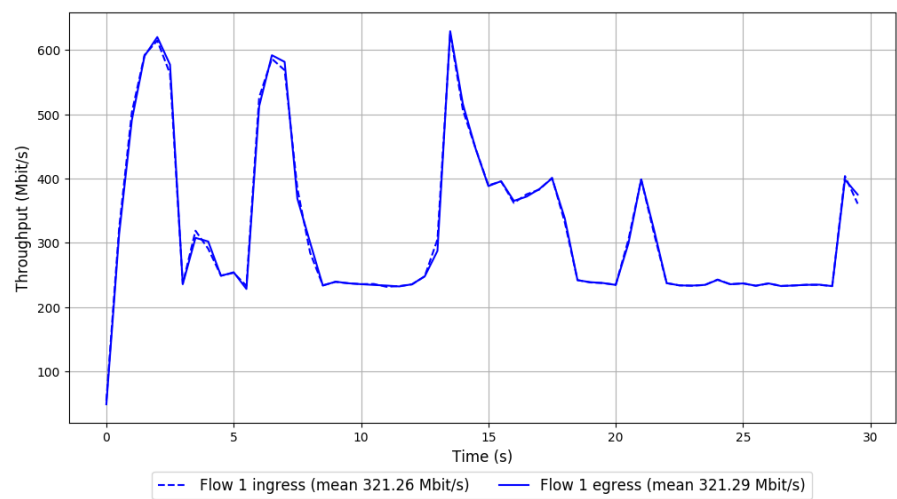
Run 3: Statistics of CalibratedKoho

Start at: 2017-09-03 05:16:58  
End at: 2017-09-03 05:17:28  
Local clock offset: 0.324 ms  
Remote clock offset: -0.859 ms

# Below is generated by plot.py at 2017-09-03 10:00:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 321.29 Mbit/s  
95th percentile per-packet one-way delay: 24.958 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 321.29 Mbit/s  
95th percentile per-packet one-way delay: 24.958 ms  
Loss rate: 0.00%



Run 3: Report of CalibratedKoho — Data Link

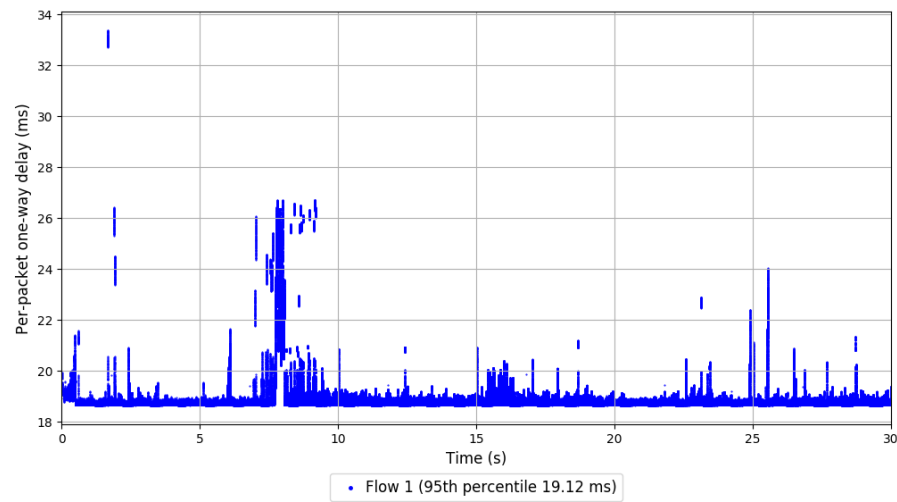
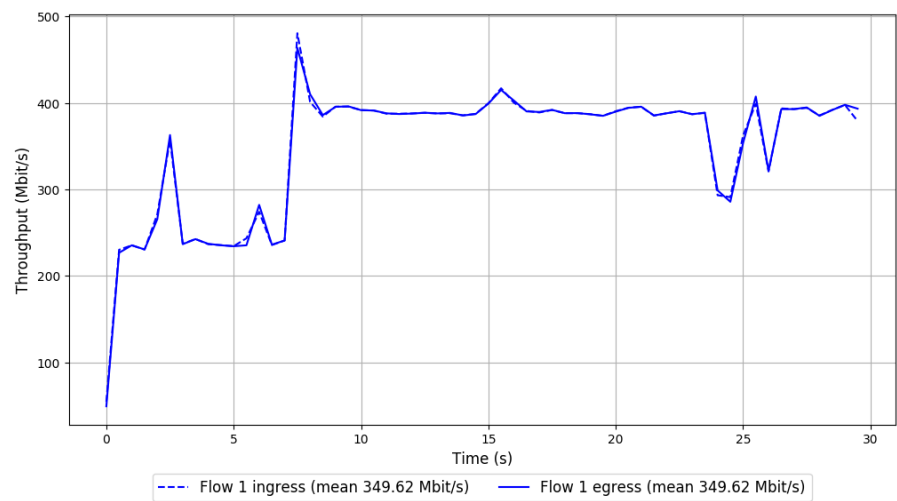


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-03 05:37:12  
End at: 2017-09-03 05:37:42  
Local clock offset: 0.101 ms  
Remote clock offset: -0.741 ms

# Below is generated by plot.py at 2017-09-03 10:00:25  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 349.62 Mbit/s  
95th percentile per-packet one-way delay: 19.124 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 349.62 Mbit/s  
95th percentile per-packet one-way delay: 19.124 ms  
Loss rate: 0.00%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-09-03 05:57:17

End at: 2017-09-03 05:57:47

Local clock offset: -0.039 ms

Remote clock offset: -0.56 ms

# Below is generated by plot.py at 2017-09-03 10:01:09

# Datalink statistics

-- Total of 1 flow:

Average throughput: 383.18 Mbit/s

95th percentile per-packet one-way delay: 20.314 ms

Loss rate: 0.00%

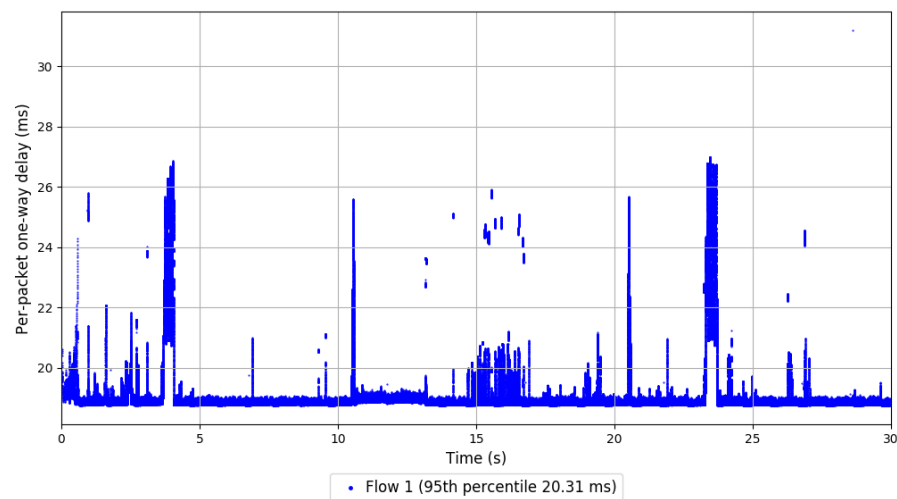
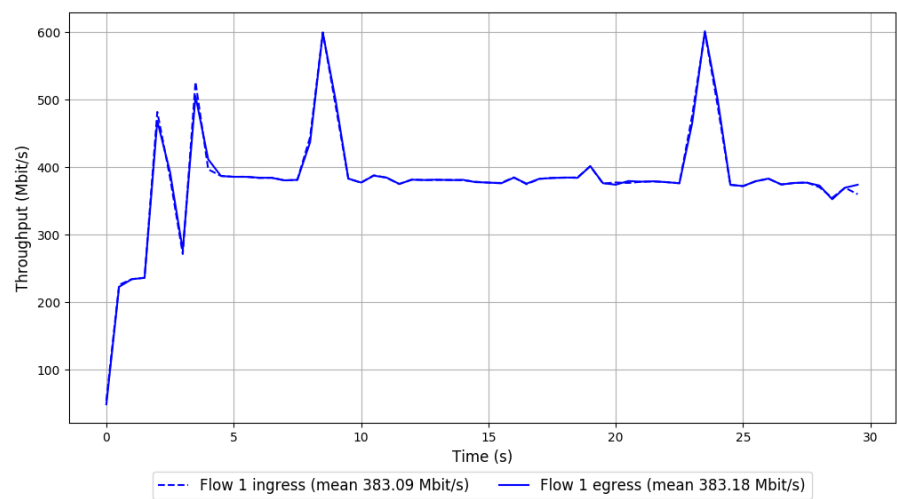
-- Flow 1:

Average throughput: 383.18 Mbit/s

95th percentile per-packet one-way delay: 20.314 ms

Loss rate: 0.00%

Run 5: Report of CalibratedKoho — Data Link

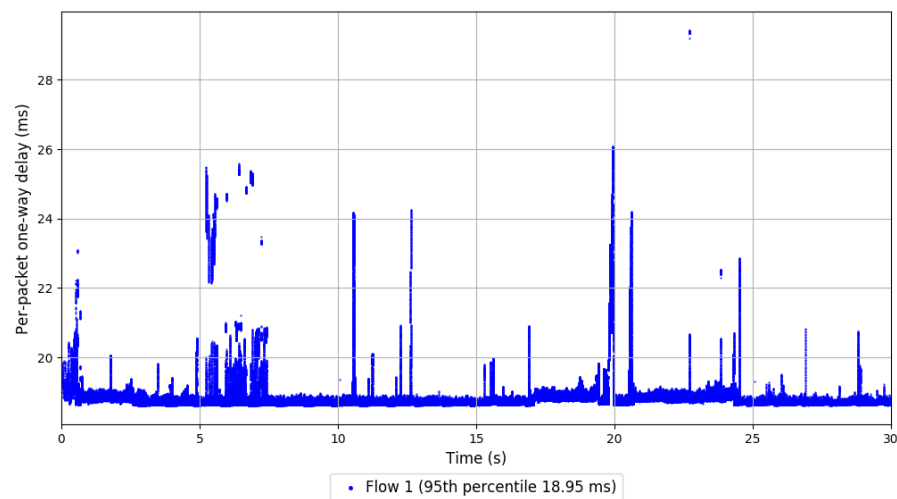
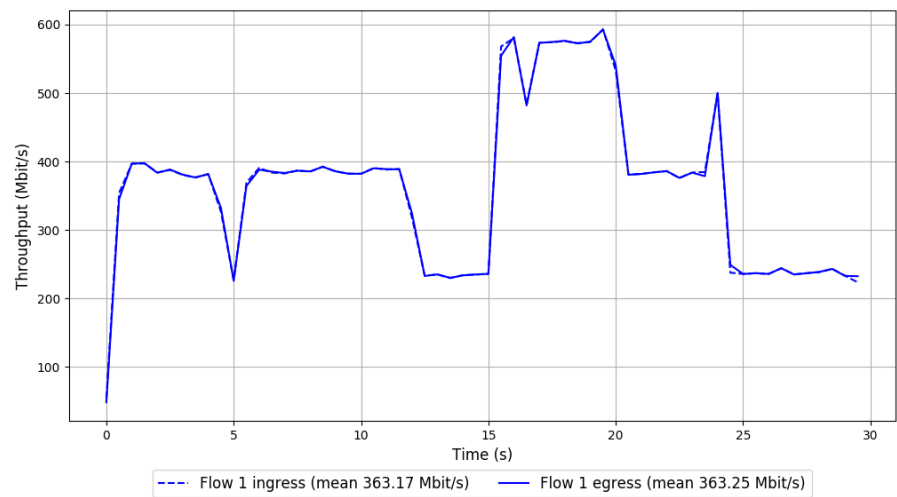


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-03 06:17:07  
End at: 2017-09-03 06:17:37  
Local clock offset: 0.051 ms  
Remote clock offset: -0.244 ms

# Below is generated by plot.py at 2017-09-03 10:01:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 363.25 Mbit/s  
95th percentile per-packet one-way delay: 18.955 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 363.25 Mbit/s  
95th percentile per-packet one-way delay: 18.955 ms  
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link



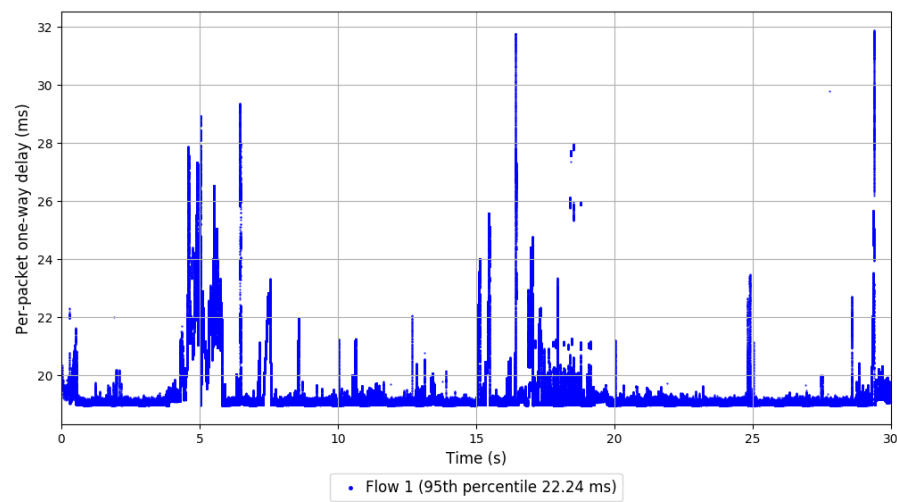
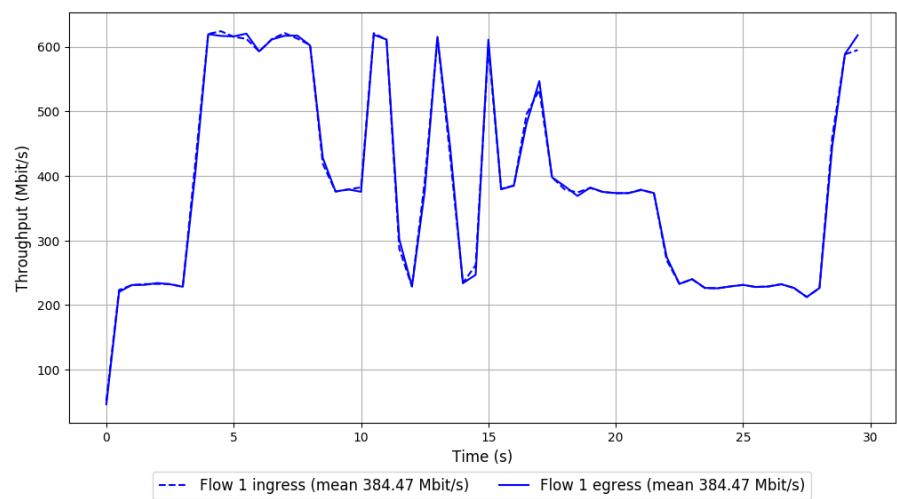
Run 7: Statistics of CalibratedKoho

Start at: 2017-09-03 06:37:21  
End at: 2017-09-03 06:37:51  
Local clock offset: -0.185 ms  
Remote clock offset: -0.503 ms

# Below is generated by plot.py at 2017-09-03 10:01:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 384.47 Mbit/s  
95th percentile per-packet one-way delay: 22.240 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 384.47 Mbit/s  
95th percentile per-packet one-way delay: 22.240 ms  
Loss rate: 0.00%



Run 7: Report of CalibratedKoho — Data Link

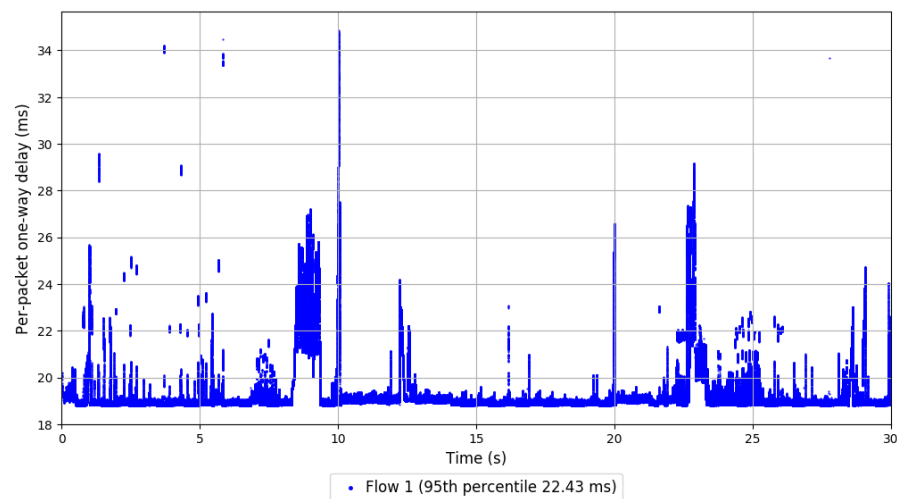
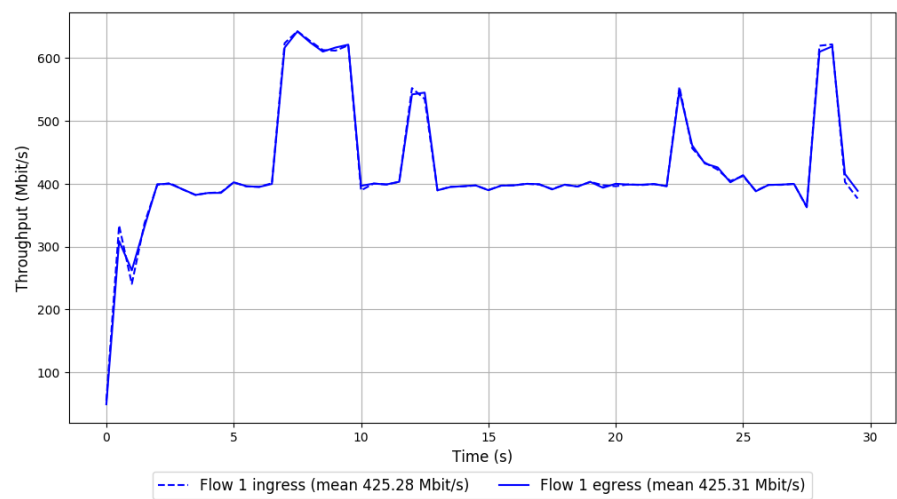


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-03 06:57:38  
End at: 2017-09-03 06:58:08  
Local clock offset: -0.36 ms  
Remote clock offset: -0.509 ms

# Below is generated by plot.py at 2017-09-03 10:02:09  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 425.31 Mbit/s  
95th percentile per-packet one-way delay: 22.426 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 425.31 Mbit/s  
95th percentile per-packet one-way delay: 22.426 ms  
Loss rate: 0.01%

Run 8: Report of CalibratedKoho — Data Link

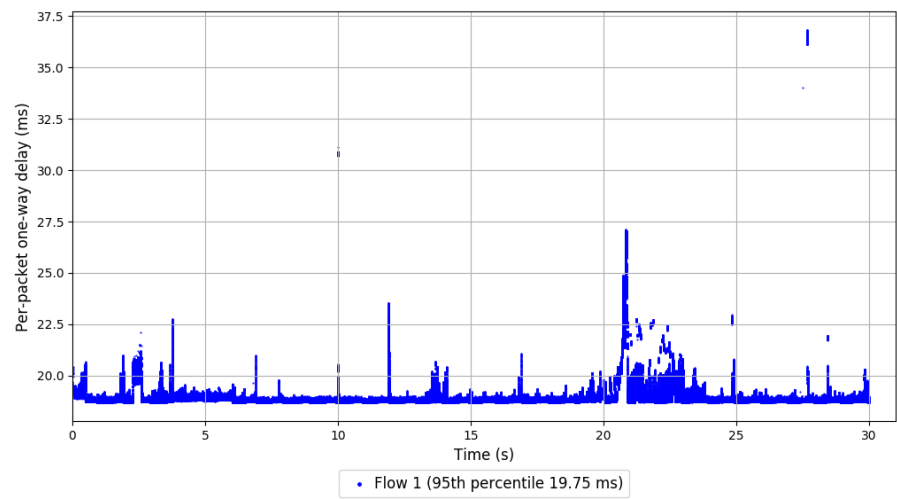
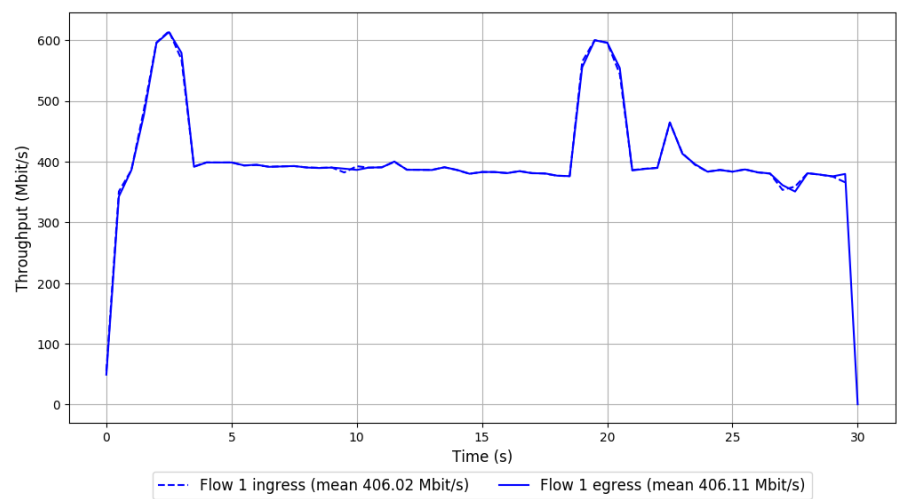


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-03 07:17:40  
End at: 2017-09-03 07:18:10  
Local clock offset: -0.598 ms  
Remote clock offset: -0.984 ms

# Below is generated by plot.py at 2017-09-03 10:02:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 406.11 Mbit/s  
95th percentile per-packet one-way delay: 19.754 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 406.11 Mbit/s  
95th percentile per-packet one-way delay: 19.754 ms  
Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link

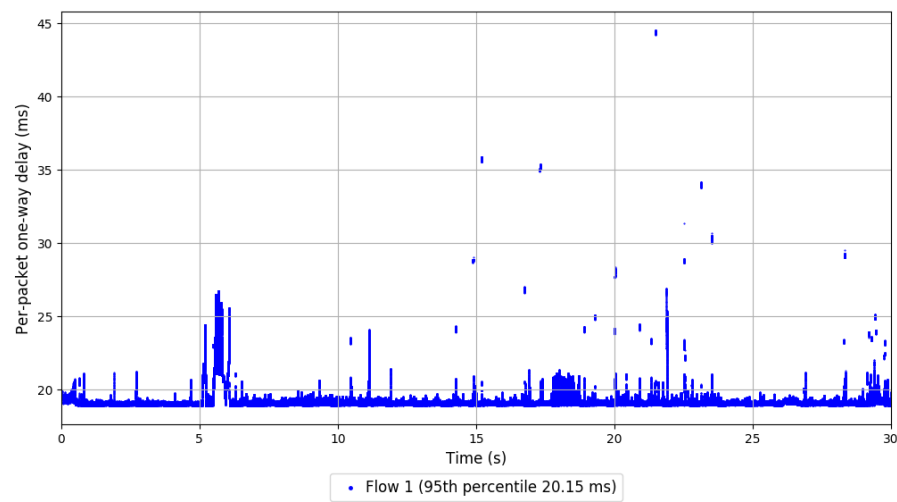
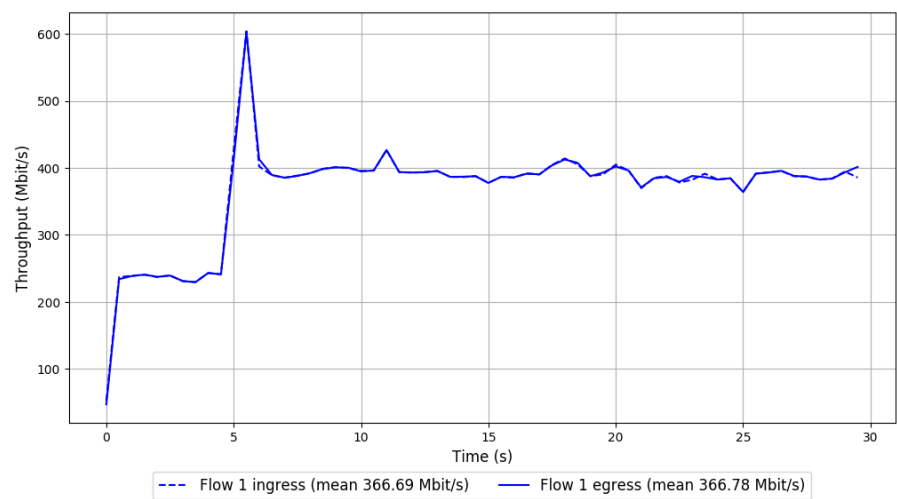


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-03 07:38:13  
End at: 2017-09-03 07:38:43  
Local clock offset: -0.675 ms  
Remote clock offset: -1.045 ms

# Below is generated by plot.py at 2017-09-03 10:03:00  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 366.78 Mbit/s  
95th percentile per-packet one-way delay: 20.149 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 366.78 Mbit/s  
95th percentile per-packet one-way delay: 20.149 ms  
Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



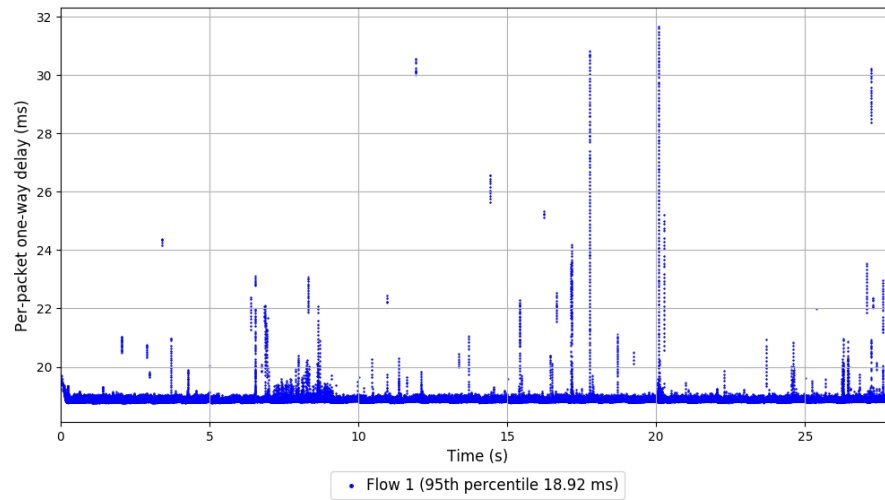
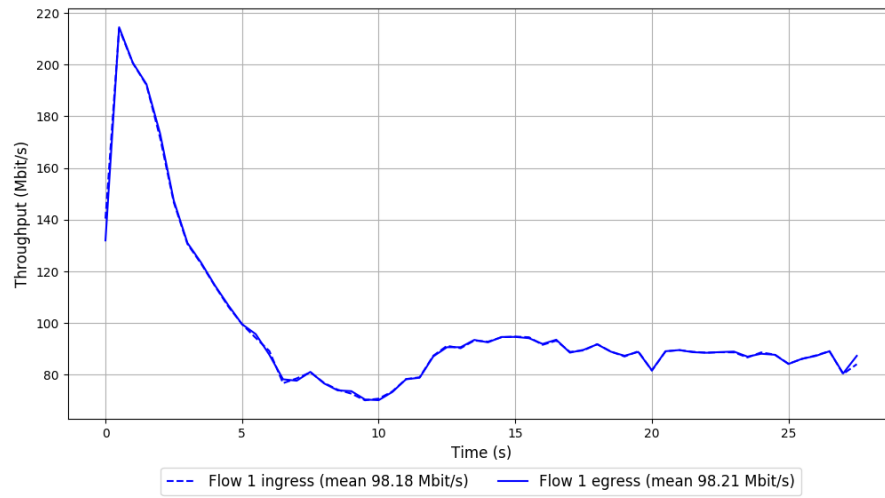
Run 1: Statistics of Copa

Start at: 2017-09-03 04:21:51  
End at: 2017-09-03 04:22:21  
Local clock offset: -0.462 ms  
Remote clock offset: -0.904 ms

# Below is generated by plot.py at 2017-09-03 10:03:14  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 98.21 Mbit/s  
95th percentile per-packet one-way delay: 18.922 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 98.21 Mbit/s  
95th percentile per-packet one-way delay: 18.922 ms  
Loss rate: 0.00%



# Run 1: Report of Copa — Data Link

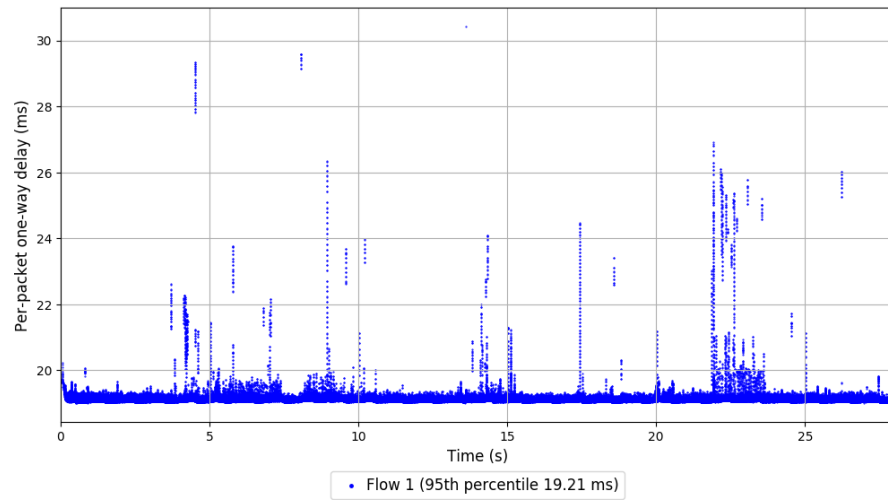
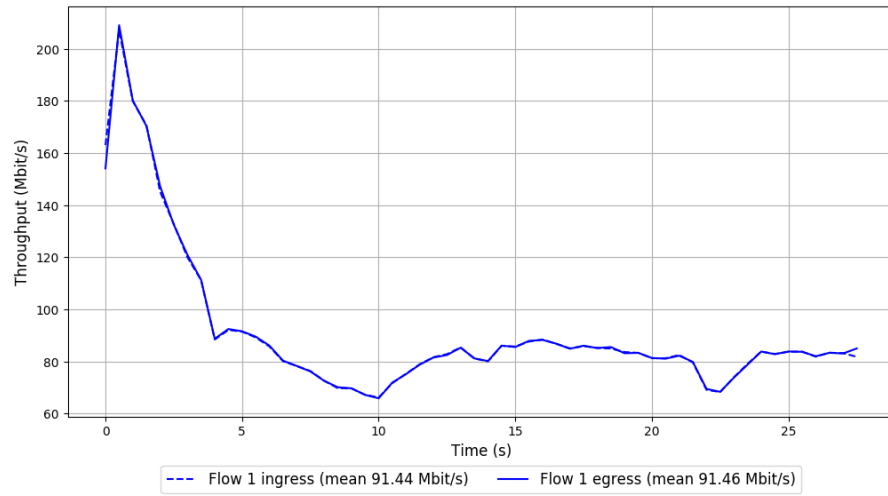


Run 2: Statistics of Copa

Start at: 2017-09-03 04:41:54  
End at: 2017-09-03 04:42:24  
Local clock offset: 0.078 ms  
Remote clock offset: -0.683 ms

# Below is generated by plot.py at 2017-09-03 10:03:22  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: 19.206 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.46 Mbit/s  
95th percentile per-packet one-way delay: 19.206 ms  
Loss rate: 0.00%

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2017-09-03 05:02:23

End at: 2017-09-03 05:02:53

Local clock offset: 0.325 ms

Remote clock offset: -0.678 ms

# Below is generated by plot.py at 2017-09-03 10:03:36

# Datalink statistics

-- Total of 1 flow:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 18.714 ms

Loss rate: 0.00%

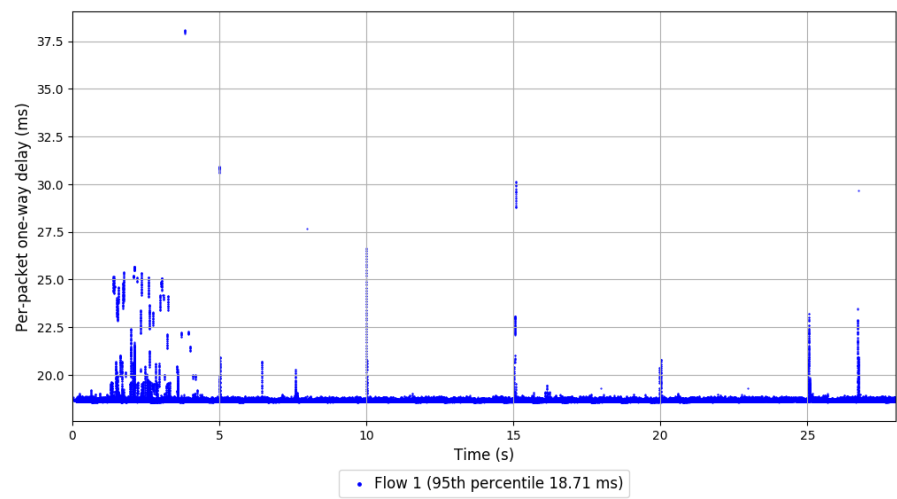
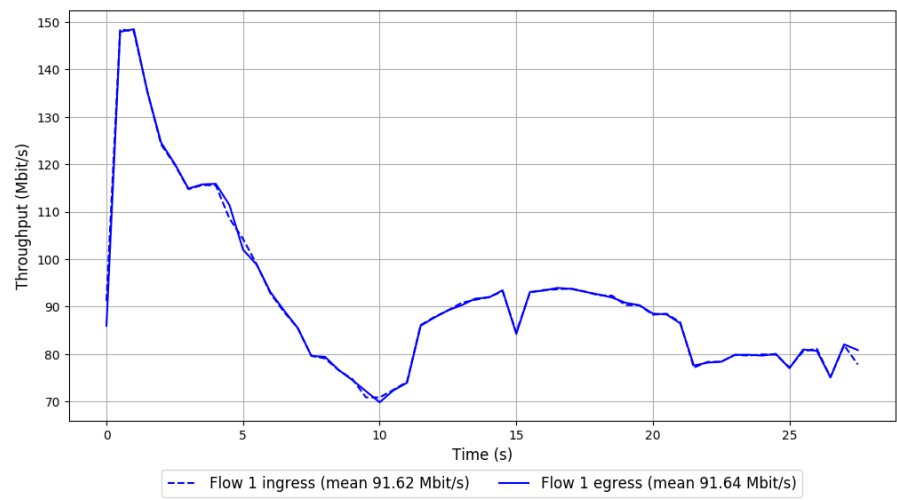
-- Flow 1:

Average throughput: 91.64 Mbit/s

95th percentile per-packet one-way delay: 18.714 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-09-03 05:22:33

End at: 2017-09-03 05:23:03

Local clock offset: 0.204 ms

Remote clock offset: -0.784 ms

# Below is generated by plot.py at 2017-09-03 10:03:45

# Datalink statistics

-- Total of 1 flow:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 19.195 ms

Loss rate: 0.00%

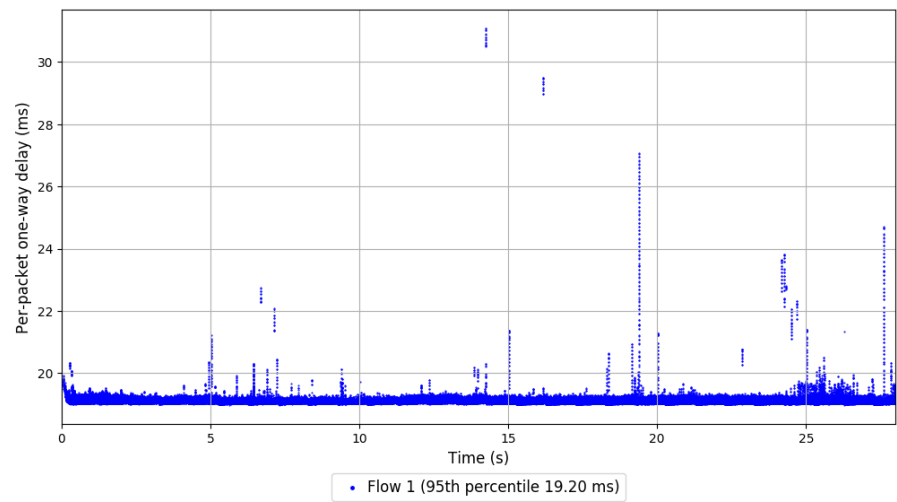
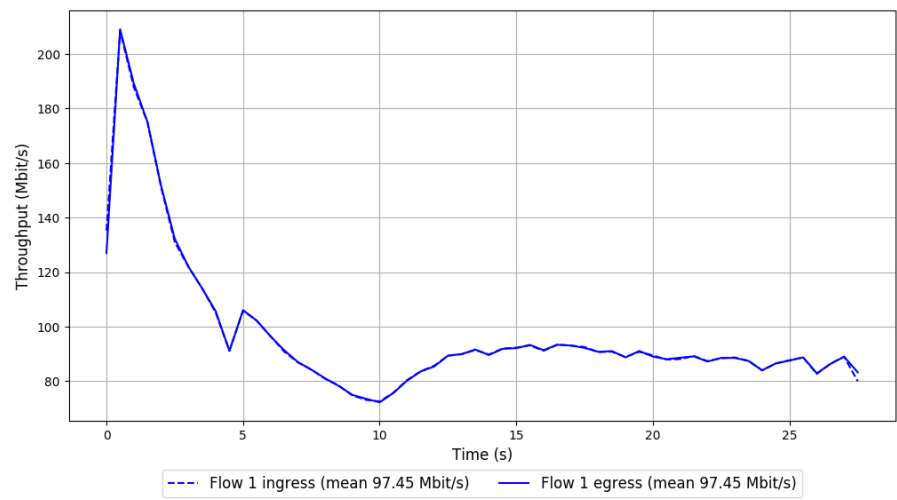
-- Flow 1:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 19.195 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



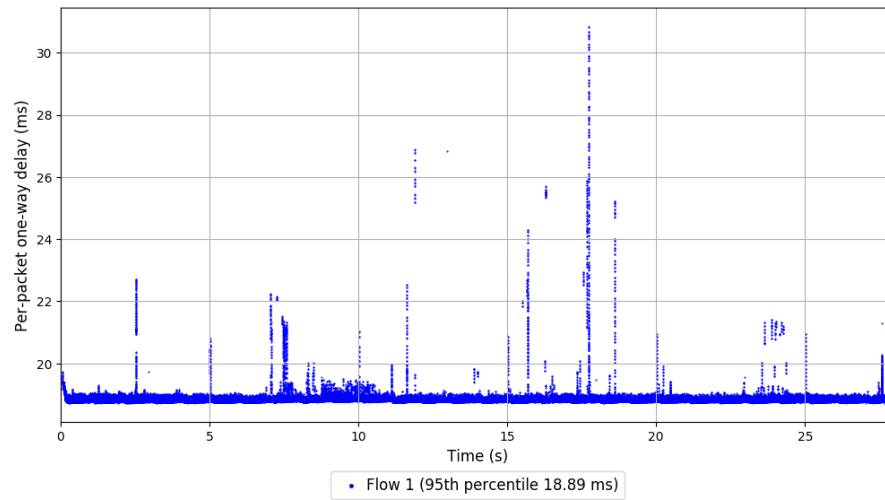
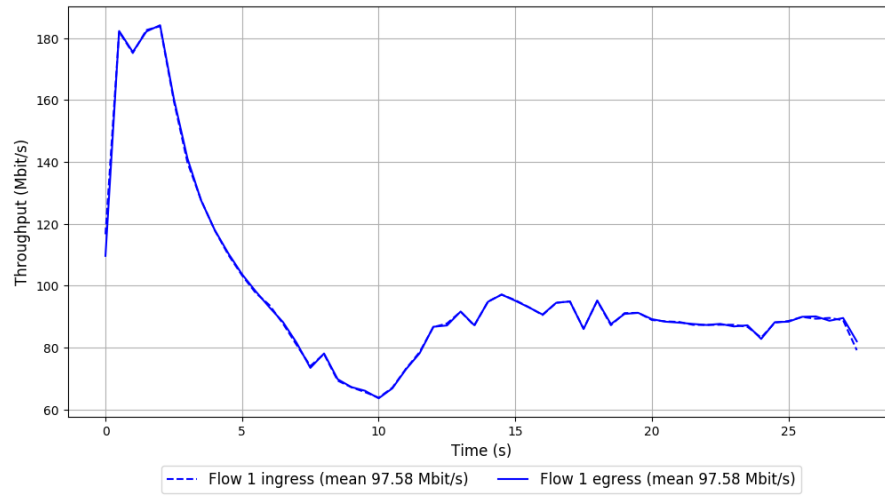
Run 5: Statistics of Copa

Start at: 2017-09-03 05:42:51  
End at: 2017-09-03 05:43:21  
Local clock offset: 0.067 ms  
Remote clock offset: -0.626 ms

# Below is generated by plot.py at 2017-09-03 10:04:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 97.58 Mbit/s  
95th percentile per-packet one-way delay: 18.890 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 97.58 Mbit/s  
95th percentile per-packet one-way delay: 18.890 ms  
Loss rate: 0.00%



### Run 5: Report of Copa — Data Link

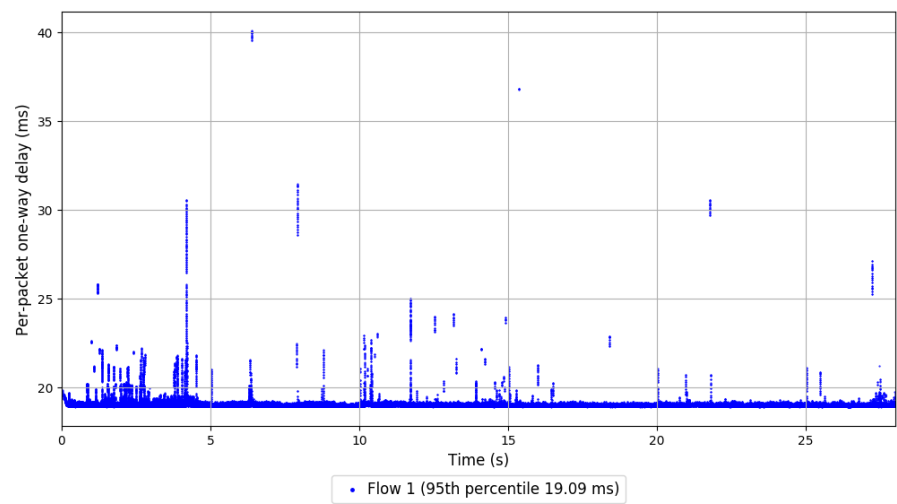
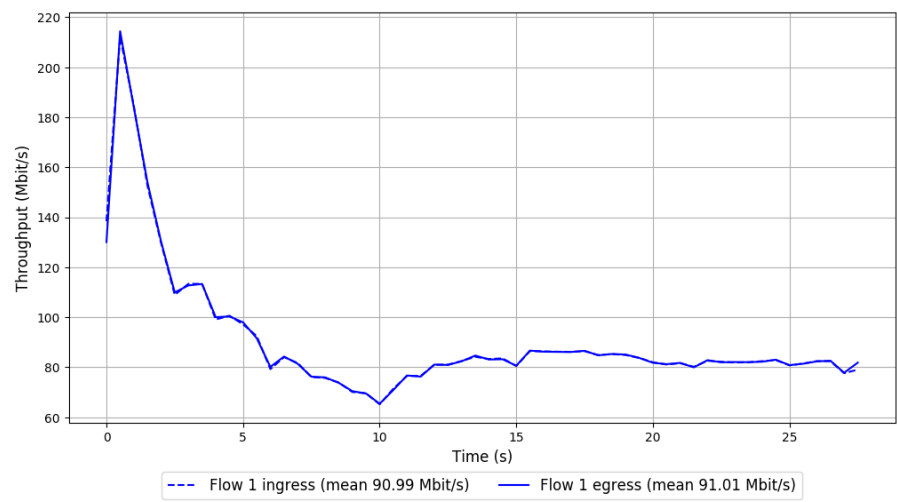


Run 6: Statistics of Copa

Start at: 2017-09-03 06:02:57  
End at: 2017-09-03 06:03:27  
Local clock offset: 0.064 ms  
Remote clock offset: -0.441 ms

# Below is generated by plot.py at 2017-09-03 10:04:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 91.01 Mbit/s  
95th percentile per-packet one-way delay: 19.089 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 91.01 Mbit/s  
95th percentile per-packet one-way delay: 19.089 ms  
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

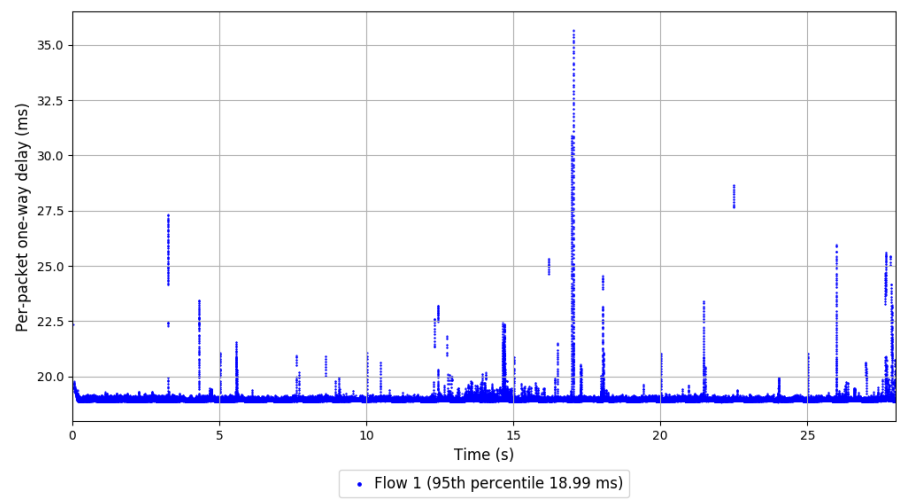
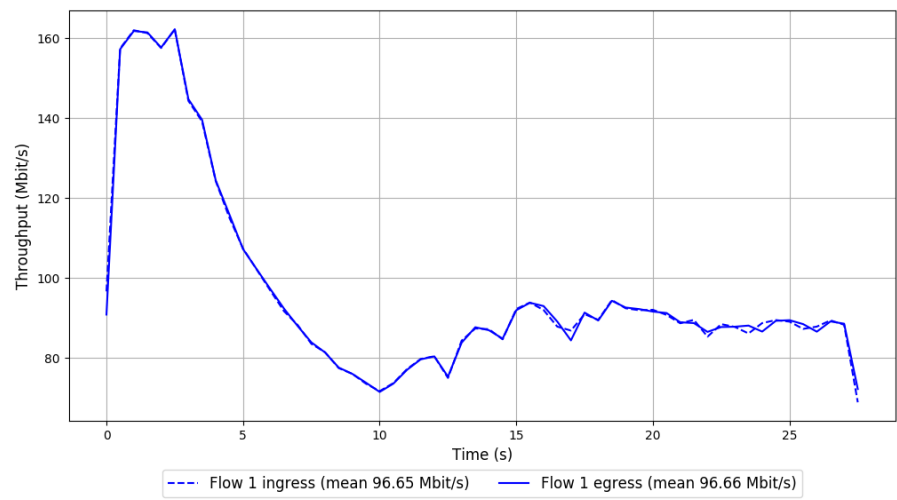


Run 7: Statistics of Copa

Start at: 2017-09-03 06:22:45  
End at: 2017-09-03 06:23:15  
Local clock offset: 0.03 ms  
Remote clock offset: -0.333 ms

# Below is generated by plot.py at 2017-09-03 10:04:21  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 96.66 Mbit/s  
95th percentile per-packet one-way delay: 18.989 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 96.66 Mbit/s  
95th percentile per-packet one-way delay: 18.989 ms  
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

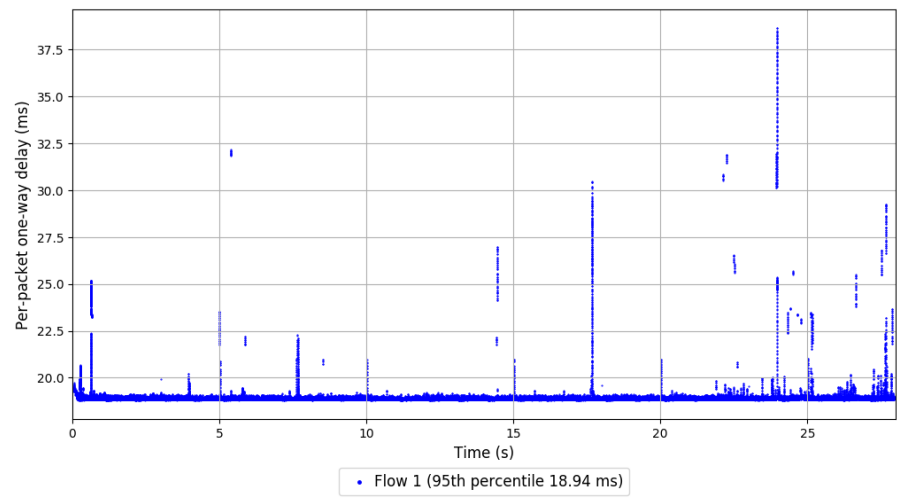
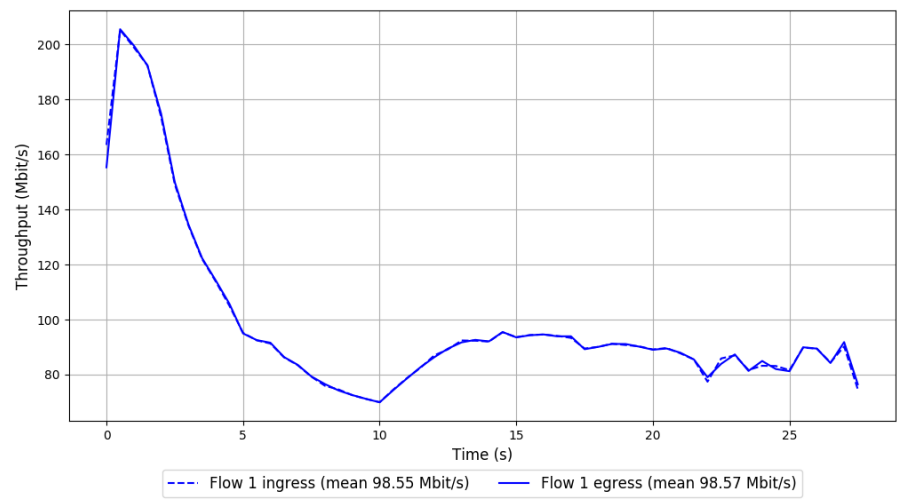


Run 8: Statistics of Copa

Start at: 2017-09-03 06:43:03  
End at: 2017-09-03 06:43:33  
Local clock offset: -0.13 ms  
Remote clock offset: -0.548 ms

# Below is generated by plot.py at 2017-09-03 10:04:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 98.57 Mbit/s  
95th percentile per-packet one-way delay: 18.939 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 98.57 Mbit/s  
95th percentile per-packet one-way delay: 18.939 ms  
Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-09-03 07:03:19

End at: 2017-09-03 07:03:49

Local clock offset: -0.434 ms

Remote clock offset: -0.69 ms

# Below is generated by plot.py at 2017-09-03 10:04:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 19.071 ms

Loss rate: 0.00%

-- Flow 1:

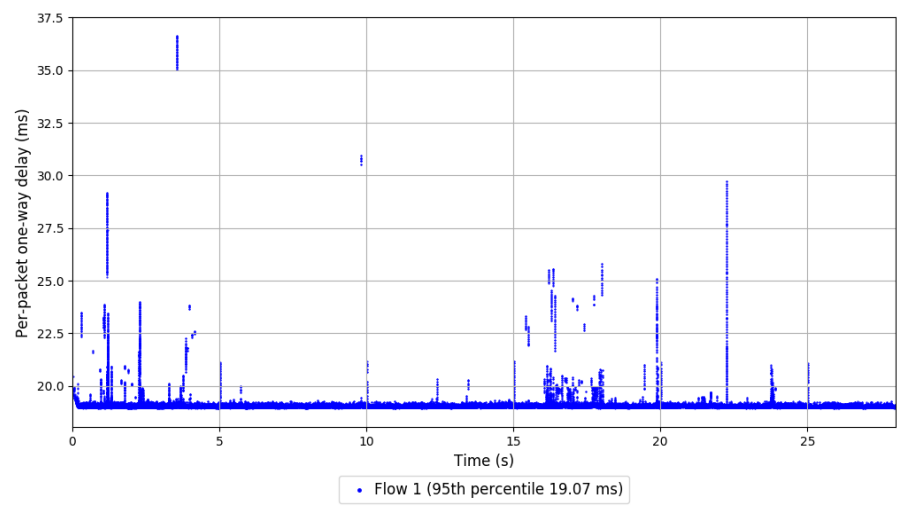
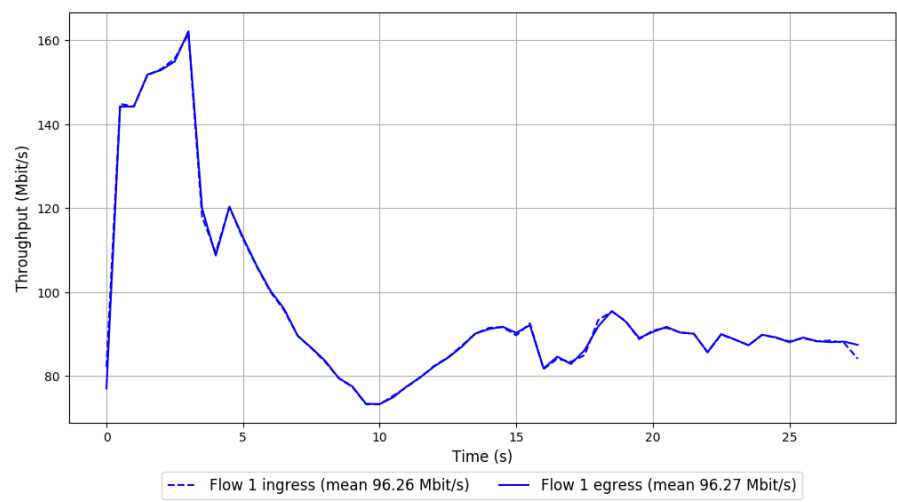
Average throughput: 96.27 Mbit/s

95th percentile per-packet one-way delay: 19.071 ms

Loss rate: 0.00%



Run 9: Report of Copa — Data Link

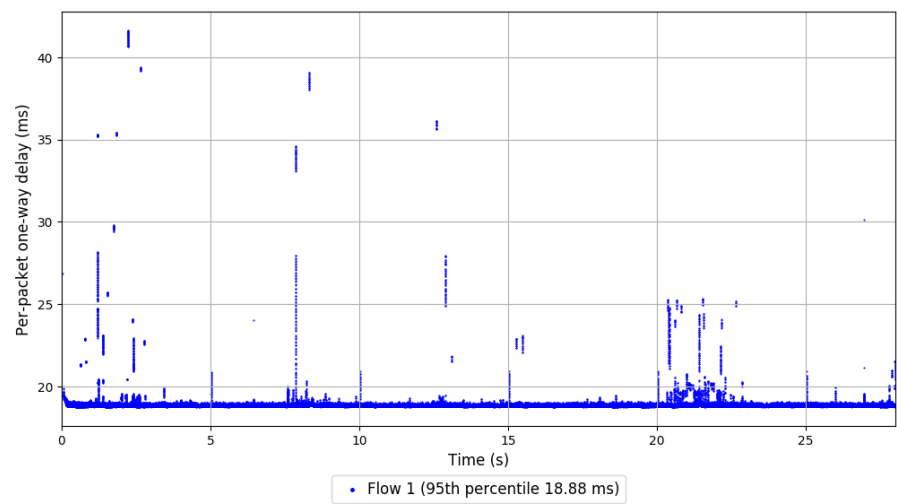
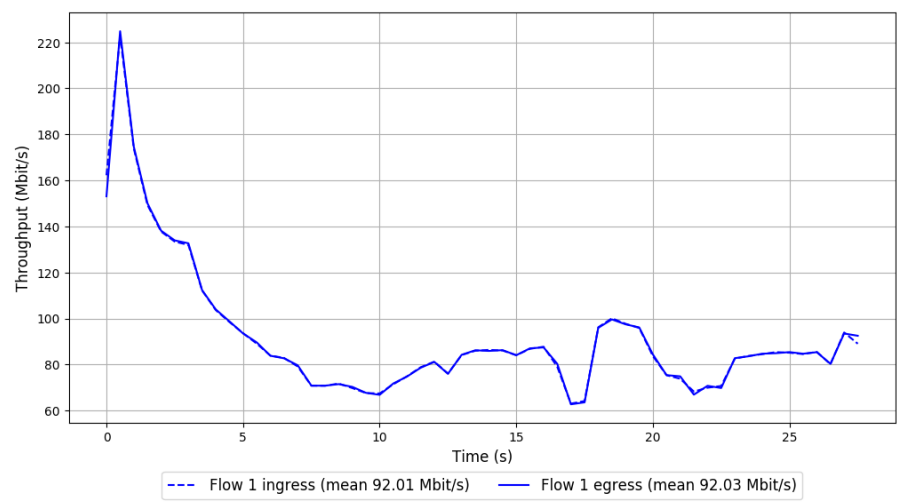


Run 10: Statistics of Copa

Start at: 2017-09-03 07:23:20  
End at: 2017-09-03 07:23:50  
Local clock offset: -0.599 ms  
Remote clock offset: -0.967 ms

# Below is generated by plot.py at 2017-09-03 10:04:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 92.03 Mbit/s  
95th percentile per-packet one-way delay: 18.876 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 92.03 Mbit/s  
95th percentile per-packet one-way delay: 18.876 ms  
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

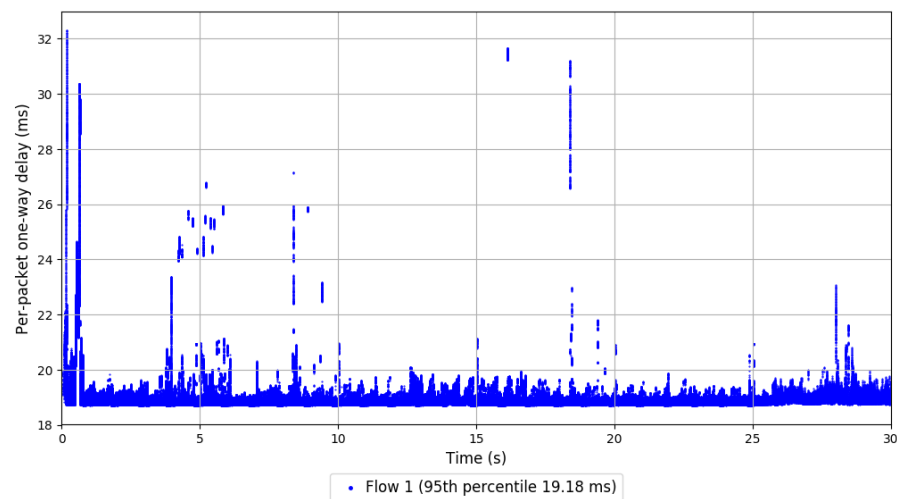
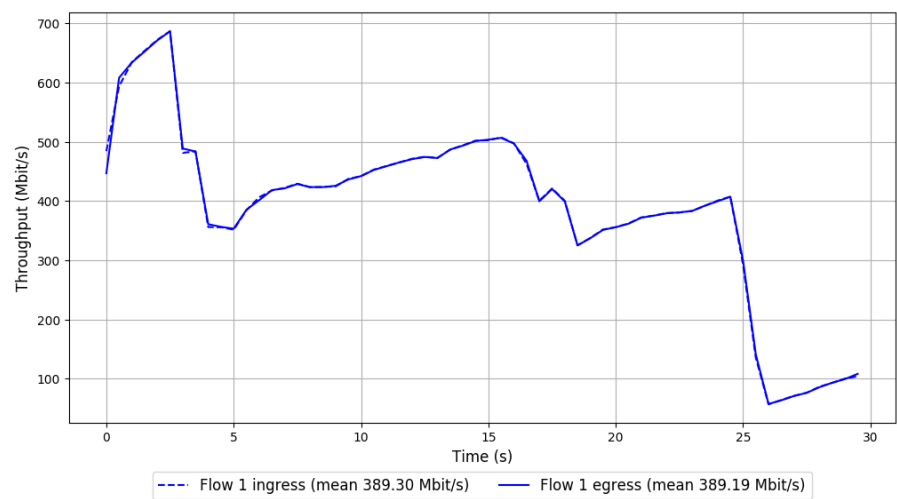


Run 1: Statistics of TCP Cubic

Start at: 2017-09-03 04:29:33  
End at: 2017-09-03 04:30:03  
Local clock offset: -0.312 ms  
Remote clock offset: -1.077 ms

# Below is generated by plot.py at 2017-09-03 10:05:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 389.19 Mbit/s  
95th percentile per-packet one-way delay: 19.181 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 389.19 Mbit/s  
95th percentile per-packet one-way delay: 19.181 ms  
Loss rate: 0.03%

Run 1: Report of TCP Cubic — Data Link

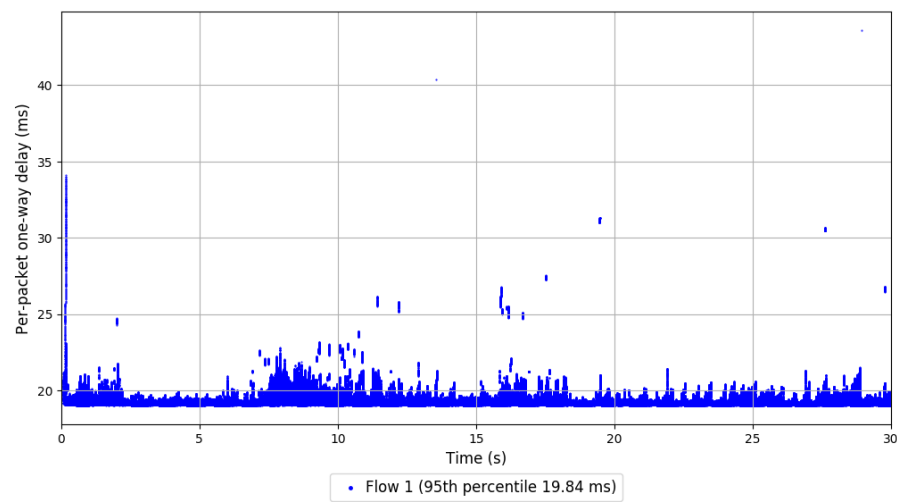
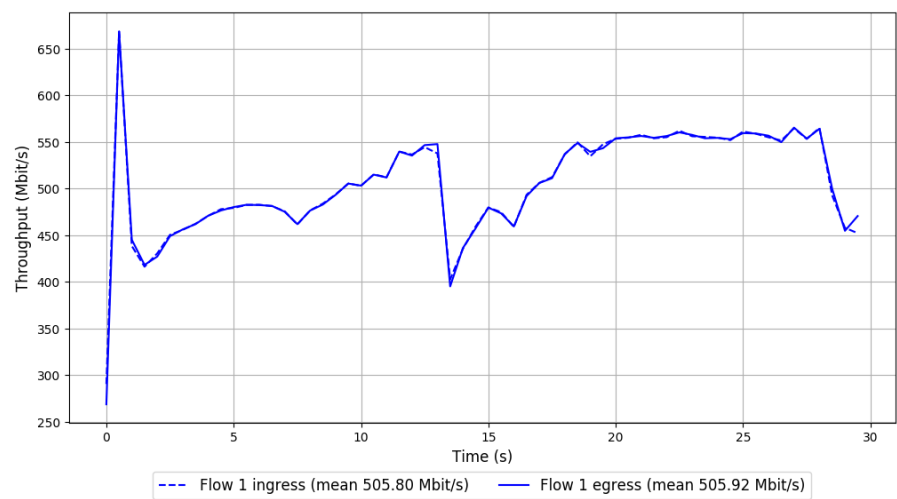


Run 2: Statistics of TCP Cubic

Start at: 2017-09-03 04:49:53  
End at: 2017-09-03 04:50:23  
Local clock offset: 0.196 ms  
Remote clock offset: -0.491 ms

# Below is generated by plot.py at 2017-09-03 10:05:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 505.92 Mbit/s  
95th percentile per-packet one-way delay: 19.842 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 505.92 Mbit/s  
95th percentile per-packet one-way delay: 19.842 ms  
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link



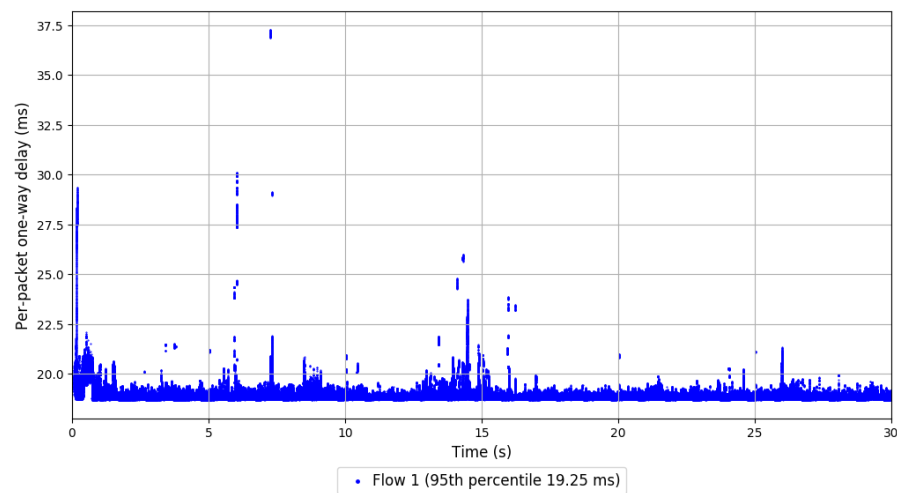
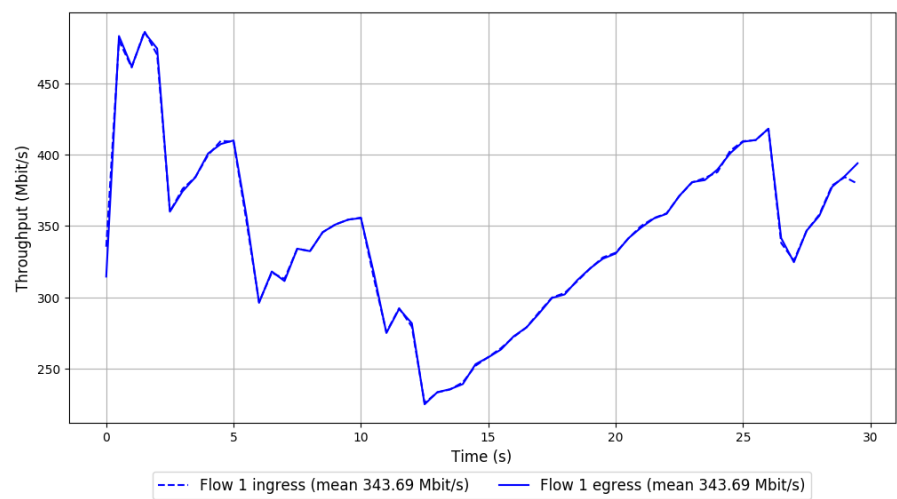
Run 3: Statistics of TCP Cubic

Start at: 2017-09-03 05:10:04  
End at: 2017-09-03 05:10:34  
Local clock offset: 0.316 ms  
Remote clock offset: -0.689 ms

# Below is generated by plot.py at 2017-09-03 10:06:18  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 343.69 Mbit/s  
95th percentile per-packet one-way delay: 19.252 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 343.69 Mbit/s  
95th percentile per-packet one-way delay: 19.252 ms  
Loss rate: 0.00%



Run 3: Report of TCP Cubic — Data Link

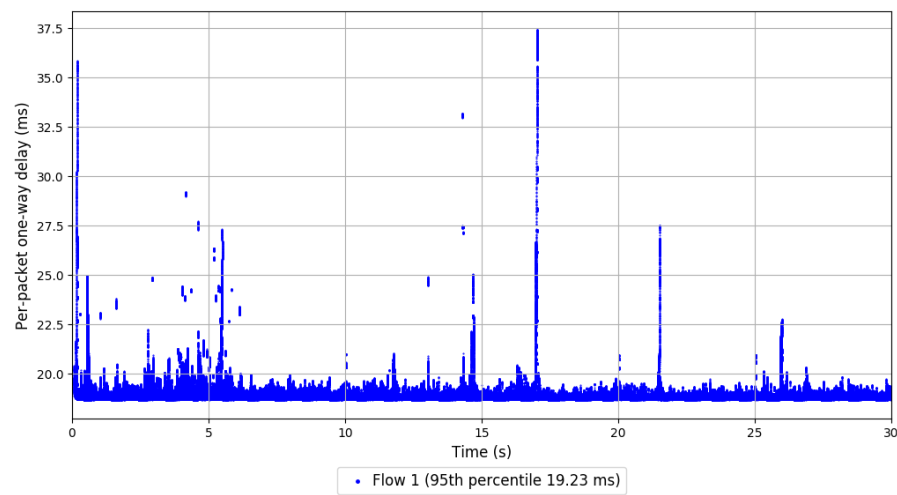
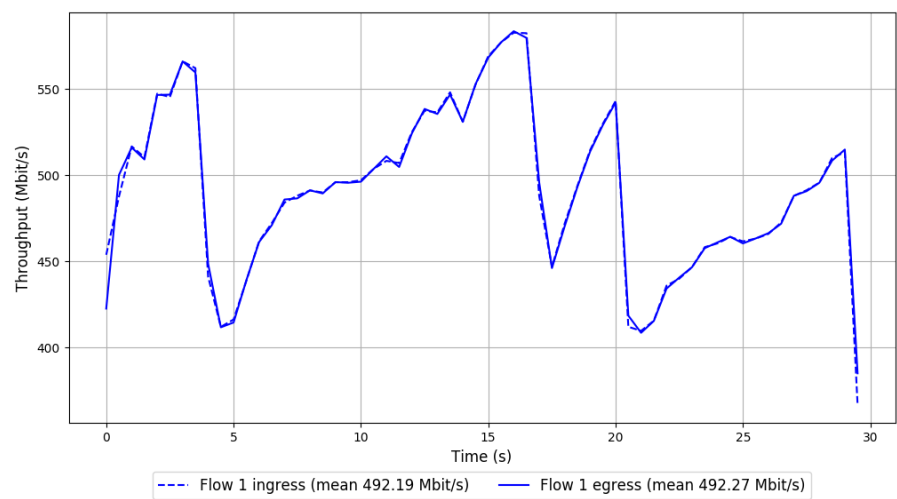


Run 4: Statistics of TCP Cubic

Start at: 2017-09-03 05:30:17  
End at: 2017-09-03 05:30:47  
Local clock offset: 0.25 ms  
Remote clock offset: -0.668 ms

# Below is generated by plot.py at 2017-09-03 10:07:04  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 492.27 Mbit/s  
95th percentile per-packet one-way delay: 19.235 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 492.27 Mbit/s  
95th percentile per-packet one-way delay: 19.235 ms  
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

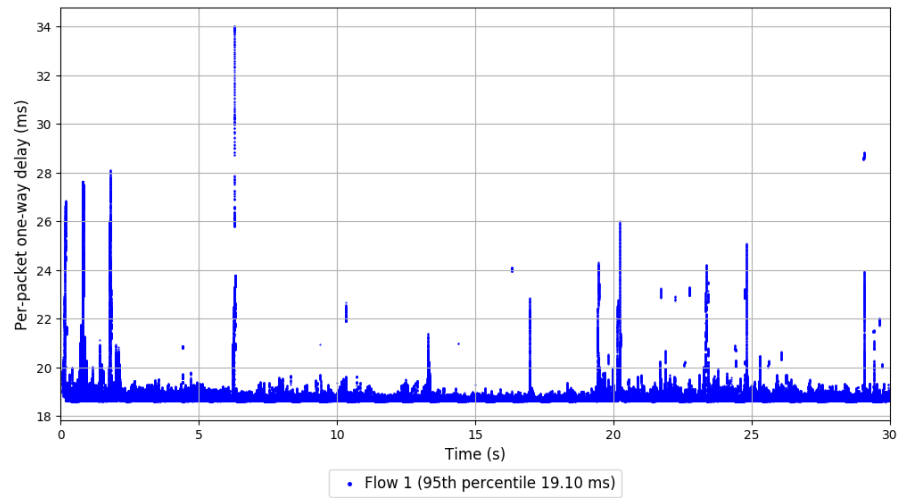
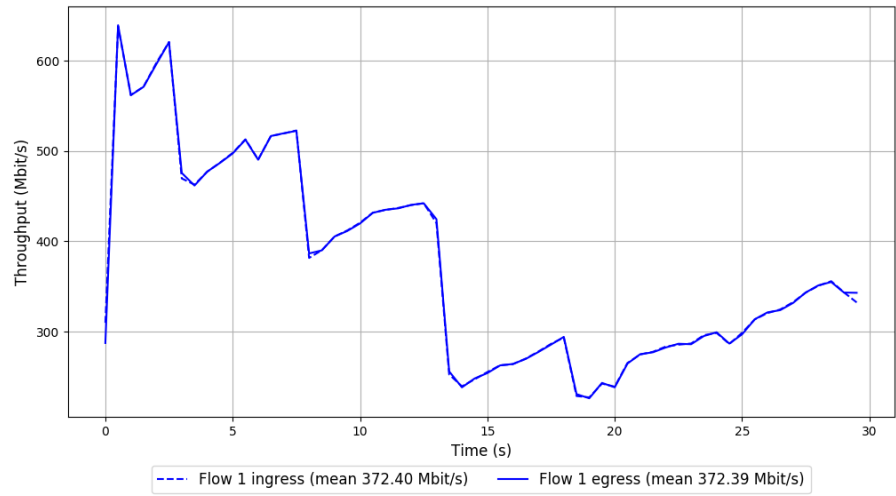


Run 5: Statistics of TCP Cubic

Start at: 2017-09-03 05:50:29  
End at: 2017-09-03 05:50:59  
Local clock offset: 0.1 ms  
Remote clock offset: -0.684 ms

# Below is generated by plot.py at 2017-09-03 10:07:10  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 372.39 Mbit/s  
95th percentile per-packet one-way delay: 19.102 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 372.39 Mbit/s  
95th percentile per-packet one-way delay: 19.102 ms  
Loss rate: 0.01%

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

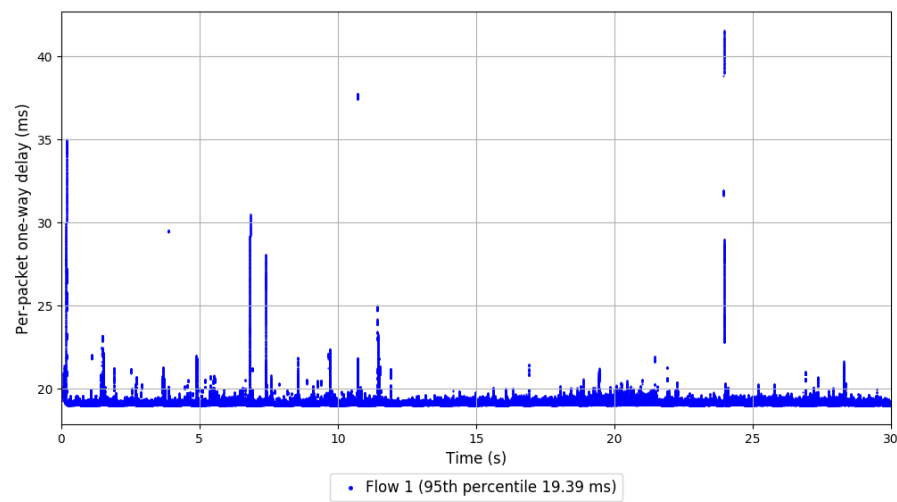
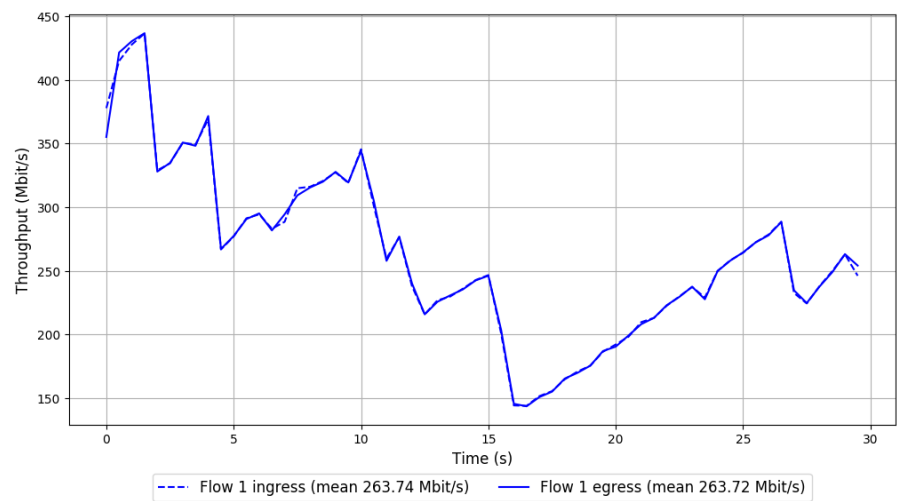


Run 6: Statistics of TCP Cubic

Start at: 2017-09-03 06:10:41  
End at: 2017-09-03 06:11:11  
Local clock offset: 0.065 ms  
Remote clock offset: -0.257 ms

# Below is generated by plot.py at 2017-09-03 10:07:30  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 263.72 Mbit/s  
95th percentile per-packet one-way delay: 19.391 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 263.72 Mbit/s  
95th percentile per-packet one-way delay: 19.391 ms  
Loss rate: 0.02%

Run 6: Report of TCP Cubic — Data Link



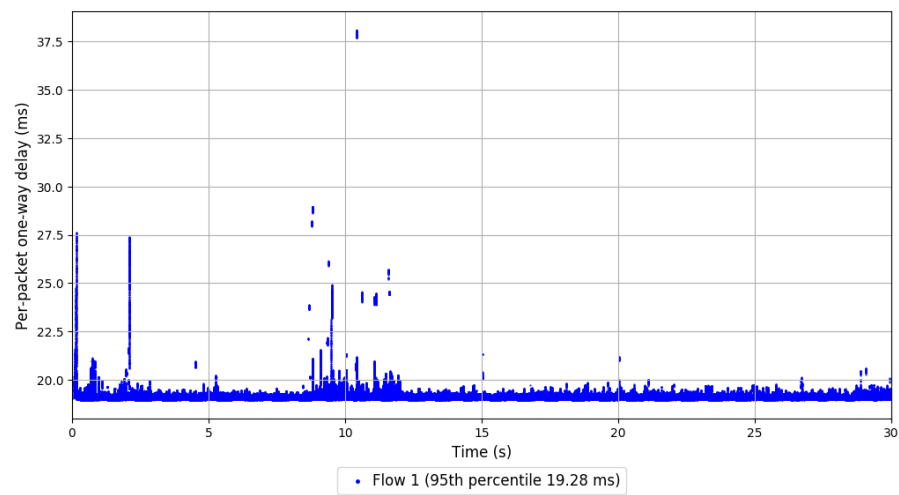
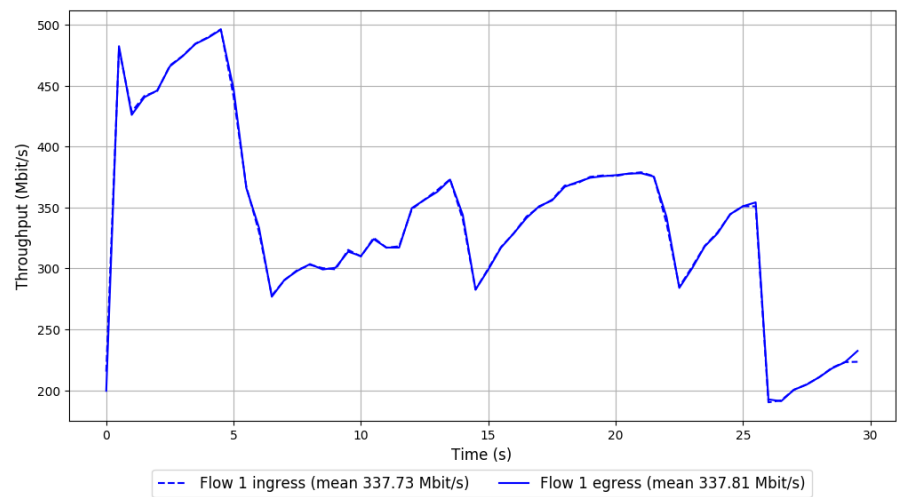
Run 7: Statistics of TCP Cubic

Start at: 2017-09-03 06:30:31  
End at: 2017-09-03 06:31:01  
Local clock offset: -0.115 ms  
Remote clock offset: -0.489 ms

# Below is generated by plot.py at 2017-09-03 10:07:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 337.81 Mbit/s  
95th percentile per-packet one-way delay: 19.281 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 337.81 Mbit/s  
95th percentile per-packet one-way delay: 19.281 ms  
Loss rate: 0.00%



Run 7: Report of TCP Cubic — Data Link

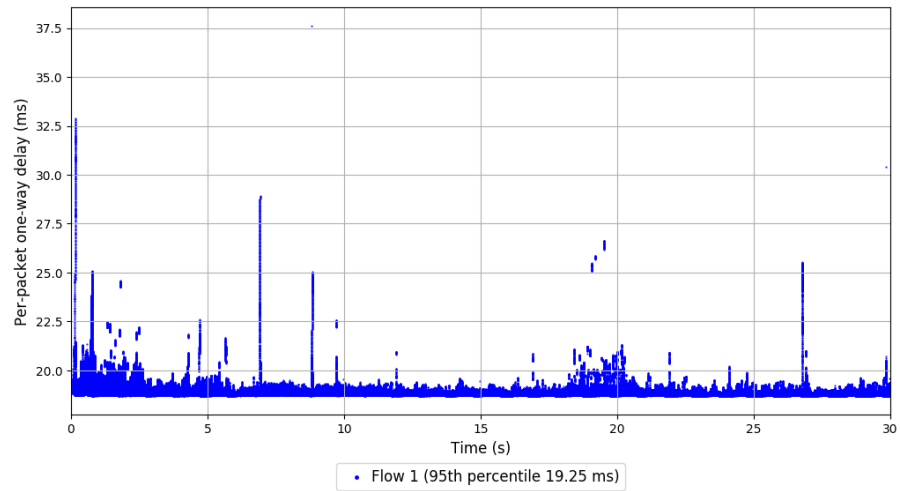
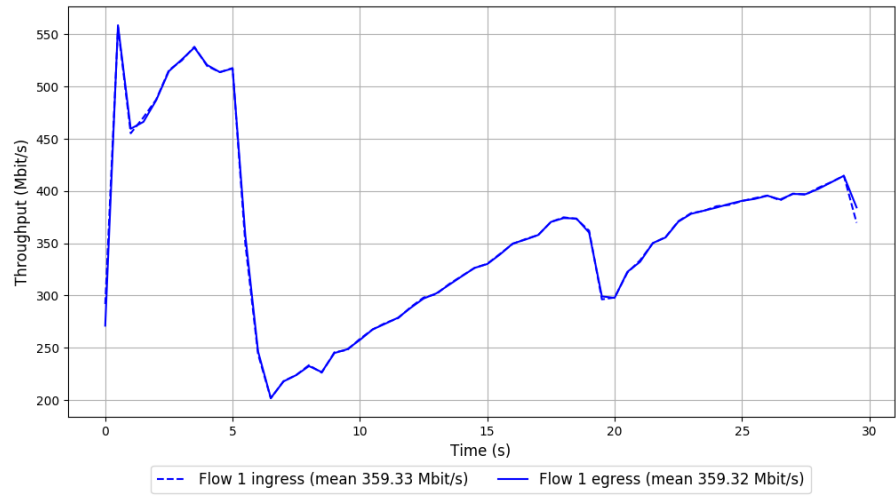


Run 8: Statistics of TCP Cubic

Start at: 2017-09-03 06:51:01  
End at: 2017-09-03 06:51:31  
Local clock offset: -0.197 ms  
Remote clock offset: -0.574 ms

# Below is generated by plot.py at 2017-09-03 10:08:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 359.32 Mbit/s  
95th percentile per-packet one-way delay: 19.253 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 359.32 Mbit/s  
95th percentile per-packet one-way delay: 19.253 ms  
Loss rate: 0.01%

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

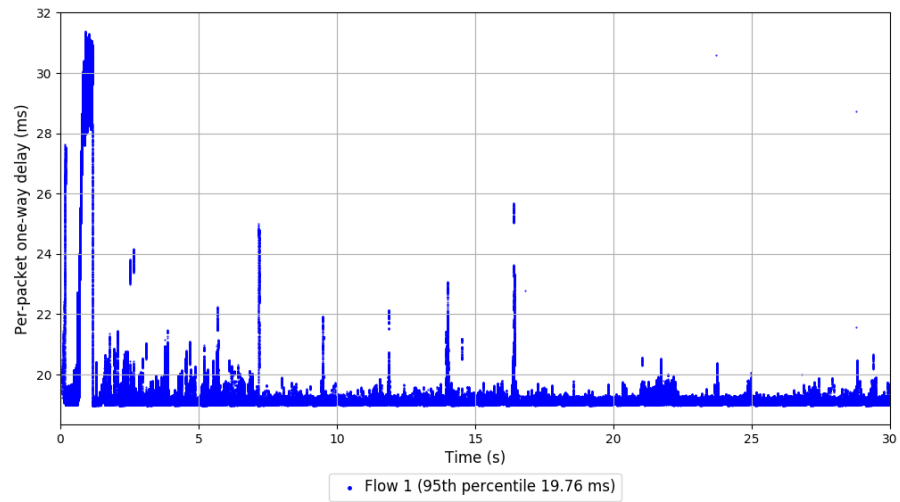
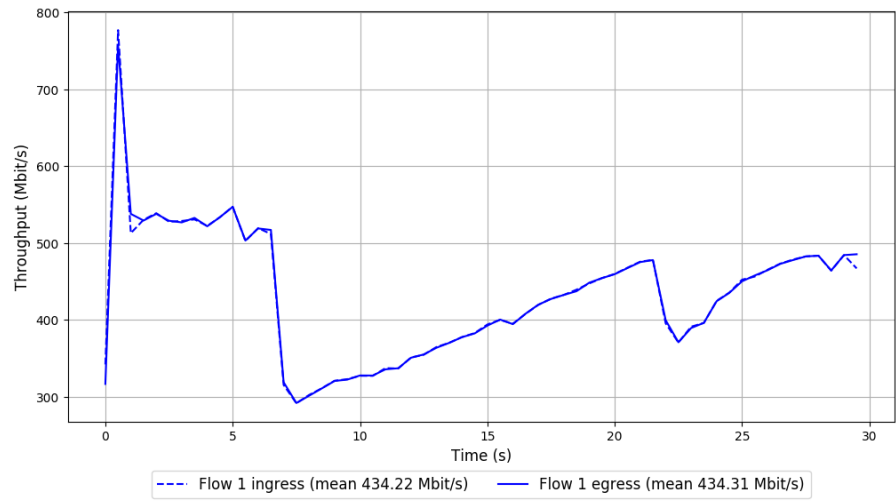


Run 9: Statistics of TCP Cubic

Start at: 2017-09-03 07:11:08  
End at: 2017-09-03 07:11:38  
Local clock offset: -0.5 ms  
Remote clock offset: -0.812 ms

# Below is generated by plot.py at 2017-09-03 10:08:51  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 434.31 Mbit/s  
95th percentile per-packet one-way delay: 19.760 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 434.31 Mbit/s  
95th percentile per-packet one-way delay: 19.760 ms  
Loss rate: 0.00%

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



Run 10: Statistics of TCP Cubic

Start at: 2017-09-03 07:31:11

End at: 2017-09-03 07:31:41

Local clock offset: -0.539 ms

Remote clock offset: -1.06 ms

# Below is generated by plot.py at 2017-09-03 10:09:21

# Datalink statistics

-- Total of 1 flow:

Average throughput: 465.85 Mbit/s

95th percentile per-packet one-way delay: 19.306 ms

Loss rate: 0.00%

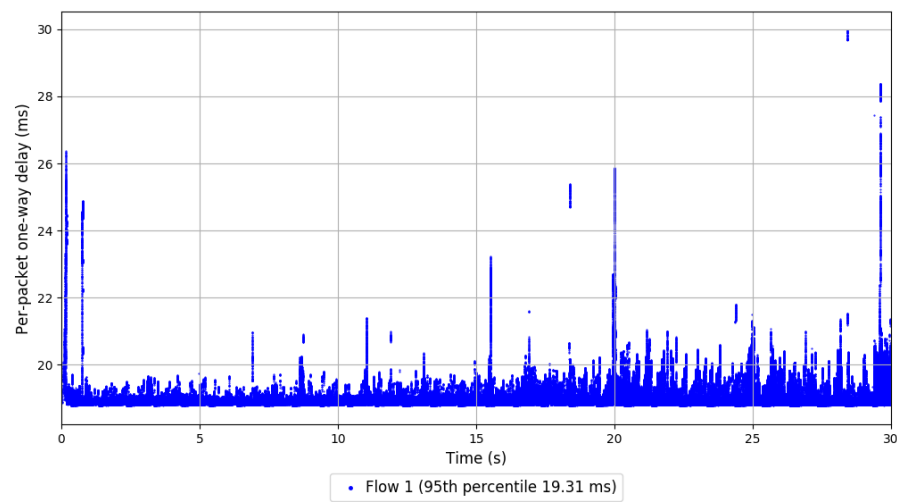
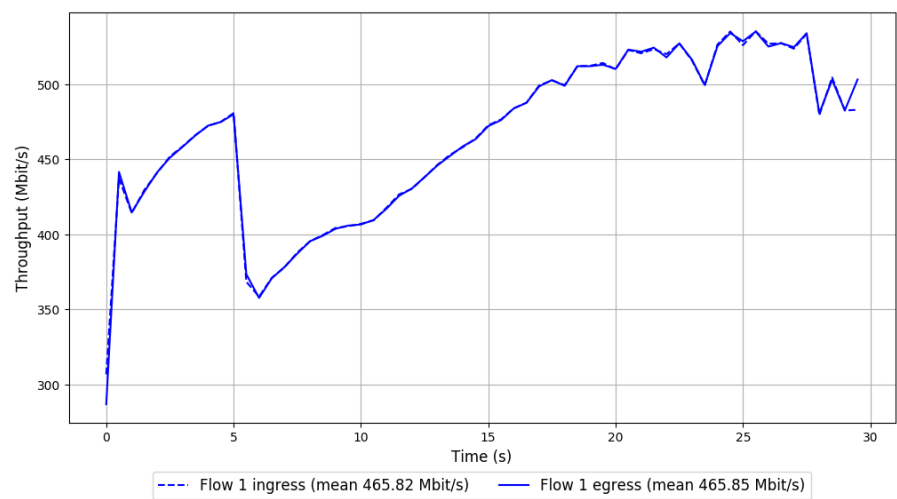
-- Flow 1:

Average throughput: 465.85 Mbit/s

95th percentile per-packet one-way delay: 19.306 ms

Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



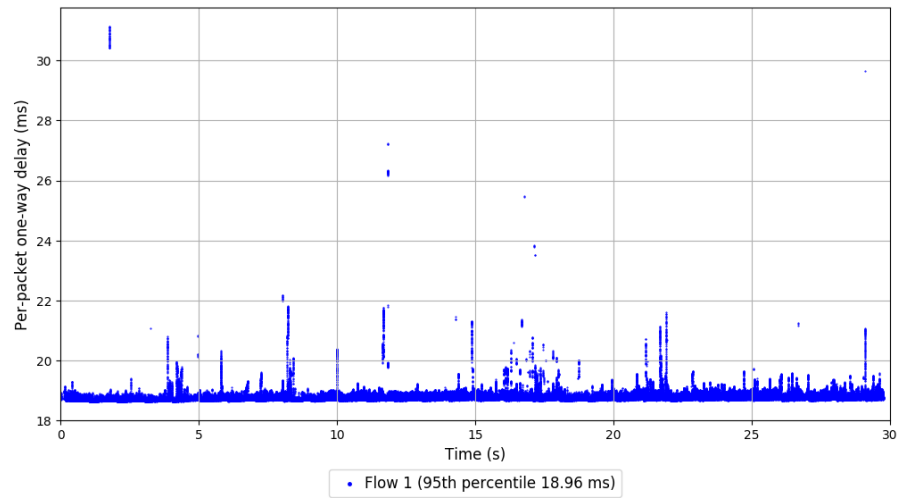
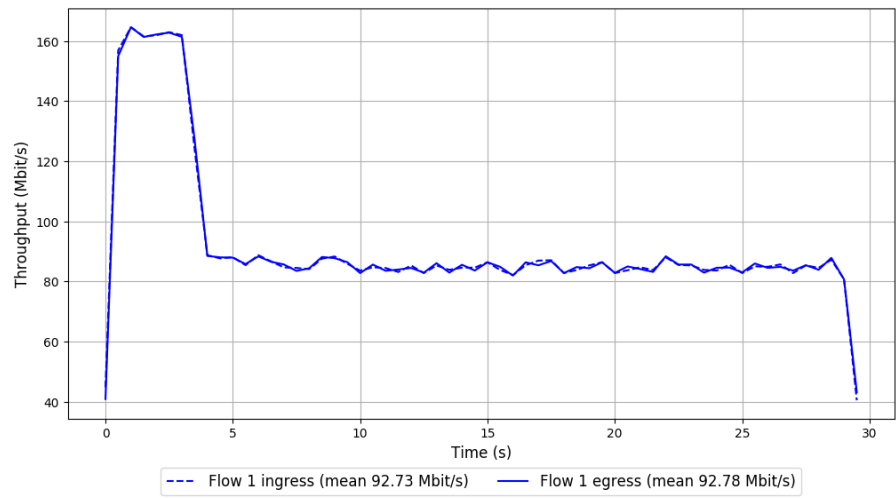
```
Run 1: Statistics of Indigo

Start at: 2017-09-03 04:24:28
End at: 2017-09-03 04:24:58
Local clock offset: -0.329 ms
Remote clock offset: -1.008 ms

# Below is generated by plot.py at 2017-09-03 10:09:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 18.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 18.961 ms
Loss rate: 0.00%
```



## Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-09-03 04:44:35

End at: 2017-09-03 04:45:05

Local clock offset: 0.238 ms

Remote clock offset: -0.648 ms

# Below is generated by plot.py at 2017-09-03 10:09:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 205.43 Mbit/s

95th percentile per-packet one-way delay: 17.414 ms

Loss rate: 0.00%

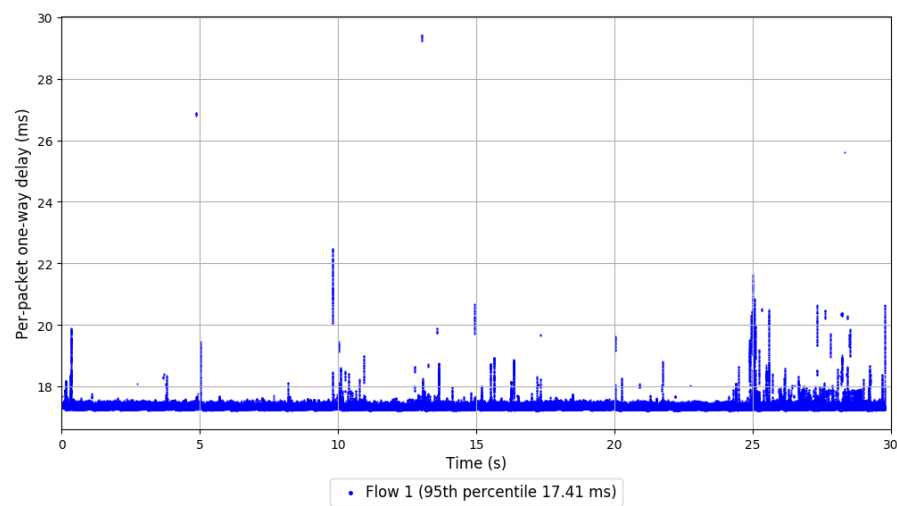
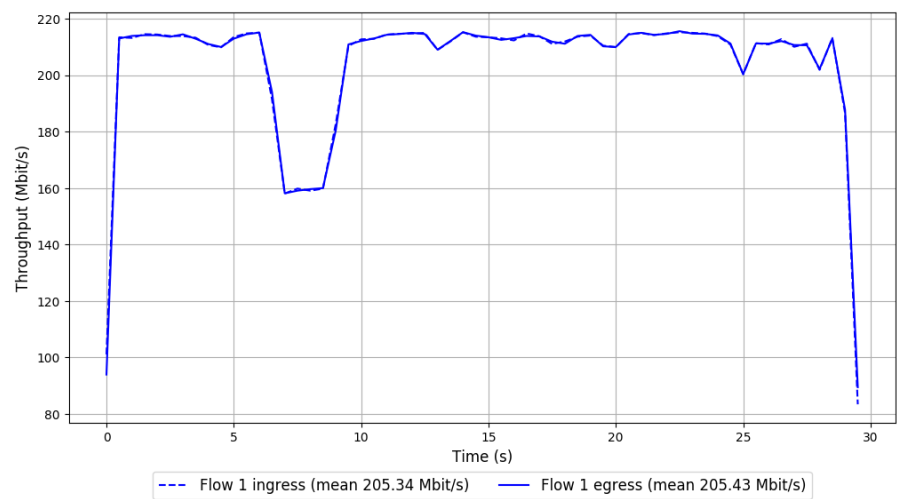
-- Flow 1:

Average throughput: 205.43 Mbit/s

95th percentile per-packet one-way delay: 17.414 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

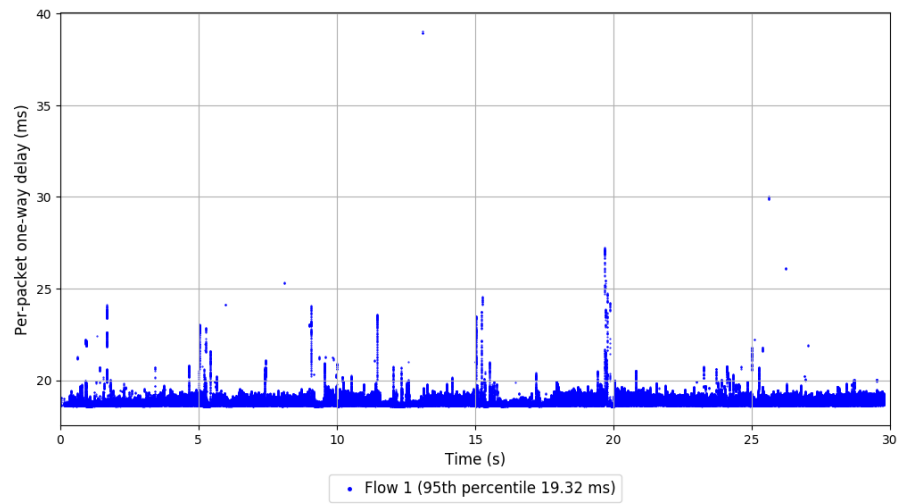
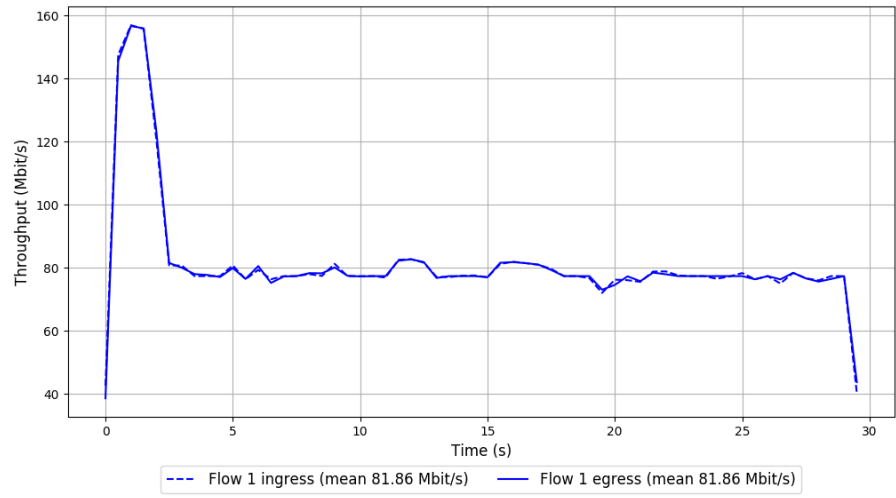


Run 3: Statistics of Indigo

Start at: 2017-09-03 05:04:59  
End at: 2017-09-03 05:05:29  
Local clock offset: 0.342 ms  
Remote clock offset: -0.718 ms

# Below is generated by plot.py at 2017-09-03 10:09:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 81.86 Mbit/s  
95th percentile per-packet one-way delay: 19.323 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 81.86 Mbit/s  
95th percentile per-packet one-way delay: 19.323 ms  
Loss rate: 0.00%

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

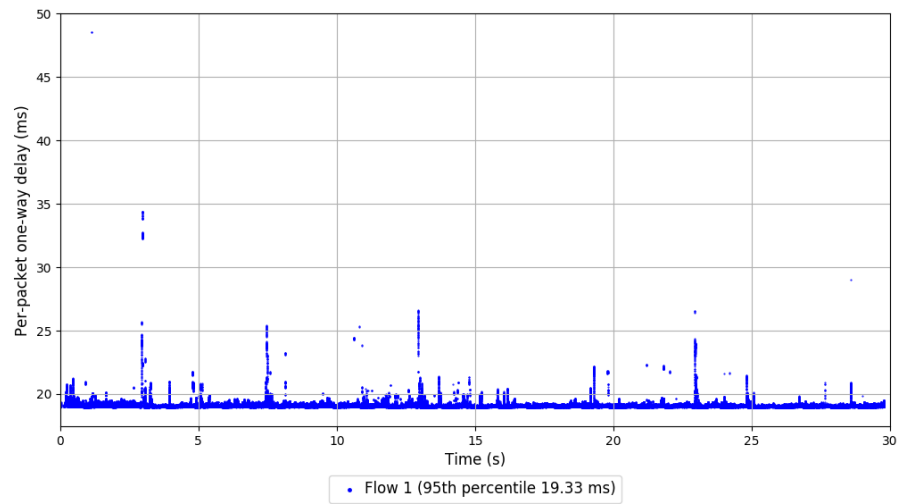
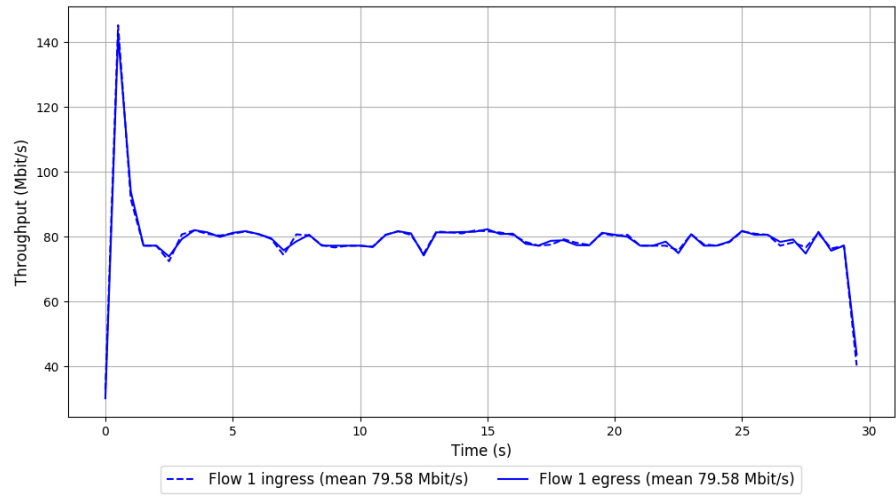


Run 4: Statistics of Indigo

Start at: 2017-09-03 05:25:12  
End at: 2017-09-03 05:25:42  
Local clock offset: 0.228 ms  
Remote clock offset: -0.742 ms

# Below is generated by plot.py at 2017-09-03 10:09:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 79.58 Mbit/s  
95th percentile per-packet one-way delay: 19.326 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 79.58 Mbit/s  
95th percentile per-packet one-way delay: 19.326 ms  
Loss rate: 0.00%

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



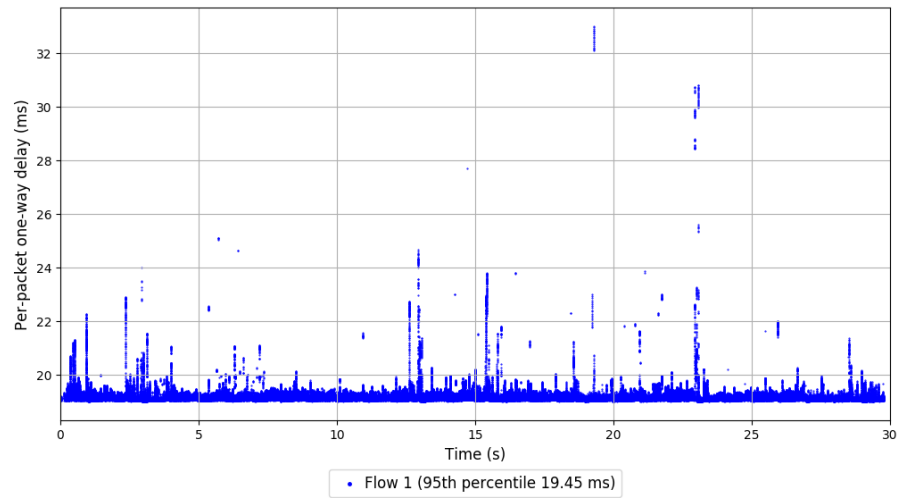
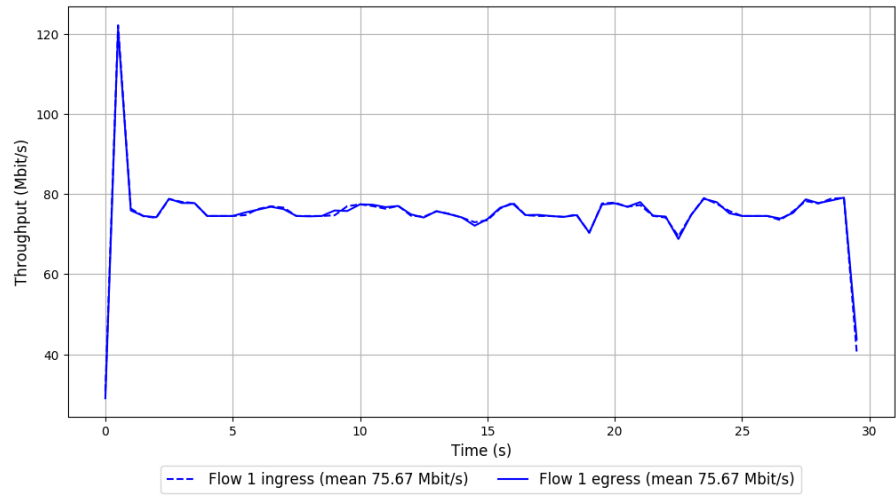
Run 5: Statistics of Indigo

Start at: 2017-09-03 05:45:25  
End at: 2017-09-03 05:45:55  
Local clock offset: 0.052 ms  
Remote clock offset: -0.626 ms

# Below is generated by plot.py at 2017-09-03 10:09:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 75.67 Mbit/s  
95th percentile per-packet one-way delay: 19.448 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 75.67 Mbit/s  
95th percentile per-packet one-way delay: 19.448 ms  
Loss rate: 0.00%



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

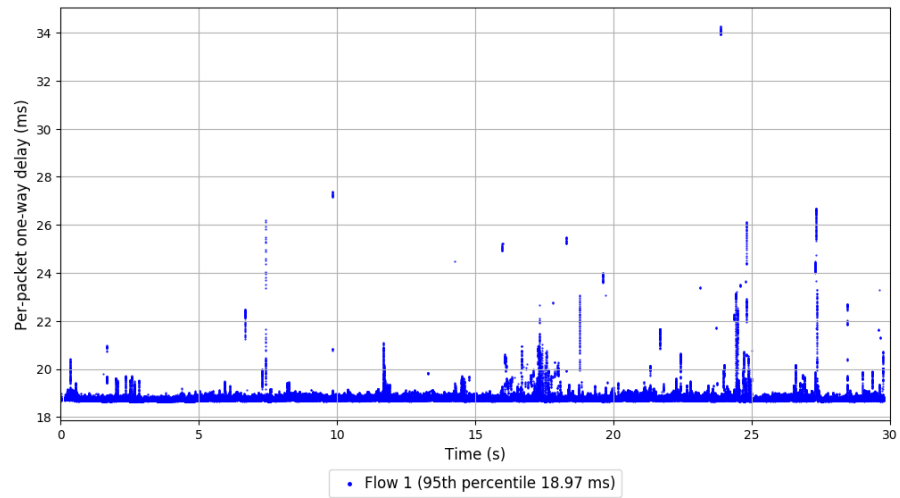
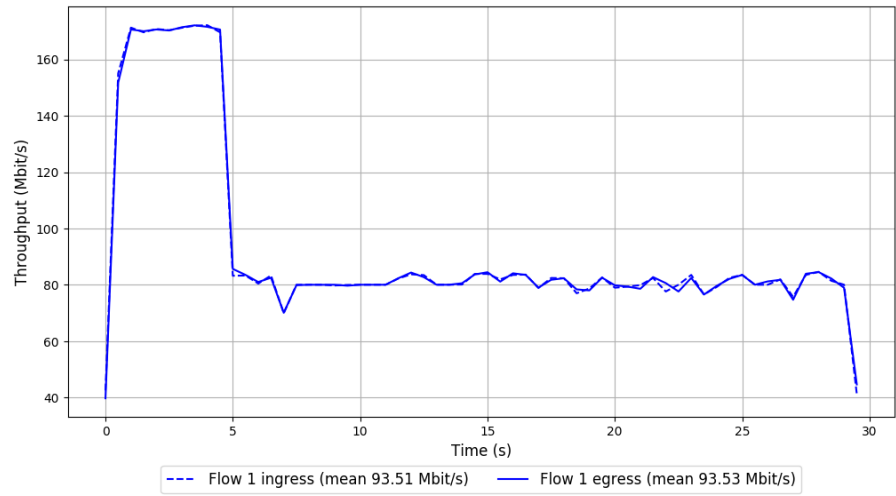


Run 6: Statistics of Indigo

Start at: 2017-09-03 06:05:30  
End at: 2017-09-03 06:06:00  
Local clock offset: 0.125 ms  
Remote clock offset: -0.382 ms

# Below is generated by plot.py at 2017-09-03 10:09:57  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 93.53 Mbit/s  
95th percentile per-packet one-way delay: 18.969 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 93.53 Mbit/s  
95th percentile per-packet one-way delay: 18.969 ms  
Loss rate: 0.00%

## Run 6: Report of Indigo — Data Link

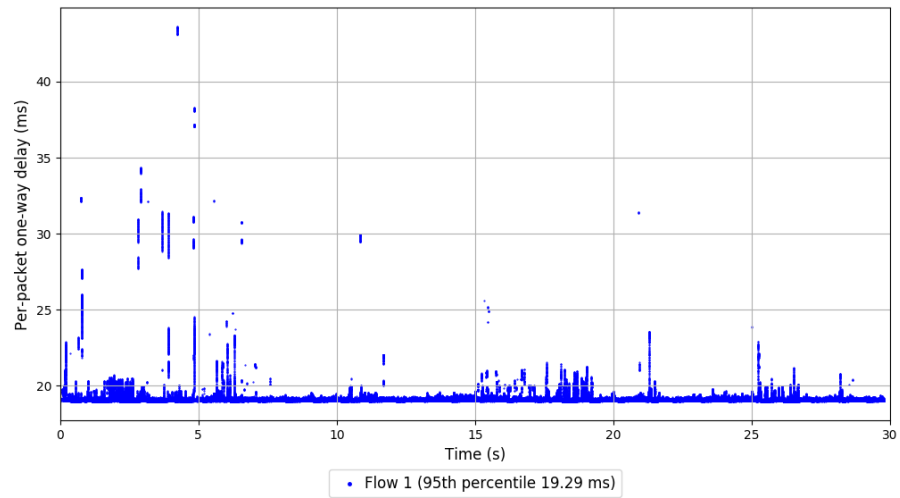
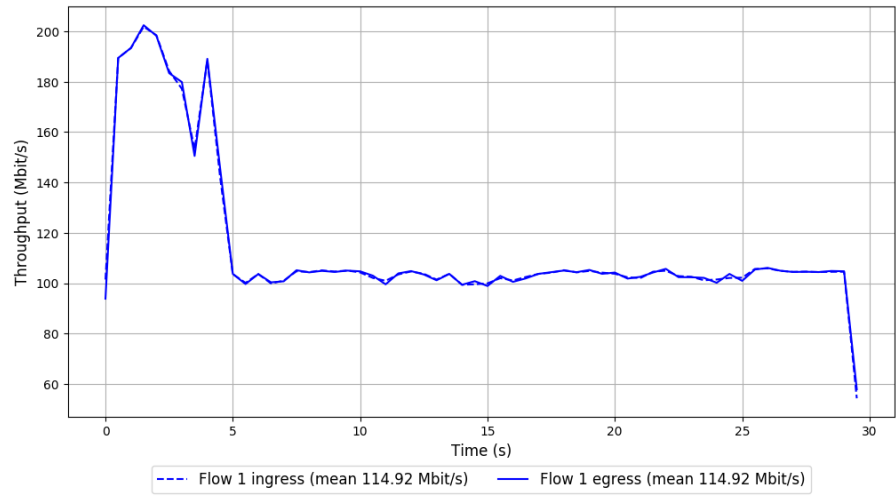


Run 7: Statistics of Indigo

Start at: 2017-09-03 06:25:19  
End at: 2017-09-03 06:25:49  
Local clock offset: -0.076 ms  
Remote clock offset: -0.412 ms

# Below is generated by plot.py at 2017-09-03 10:10:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 114.92 Mbit/s  
95th percentile per-packet one-way delay: 19.289 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 114.92 Mbit/s  
95th percentile per-packet one-way delay: 19.289 ms  
Loss rate: 0.00%

### Run 7: Report of Indigo — Data Link

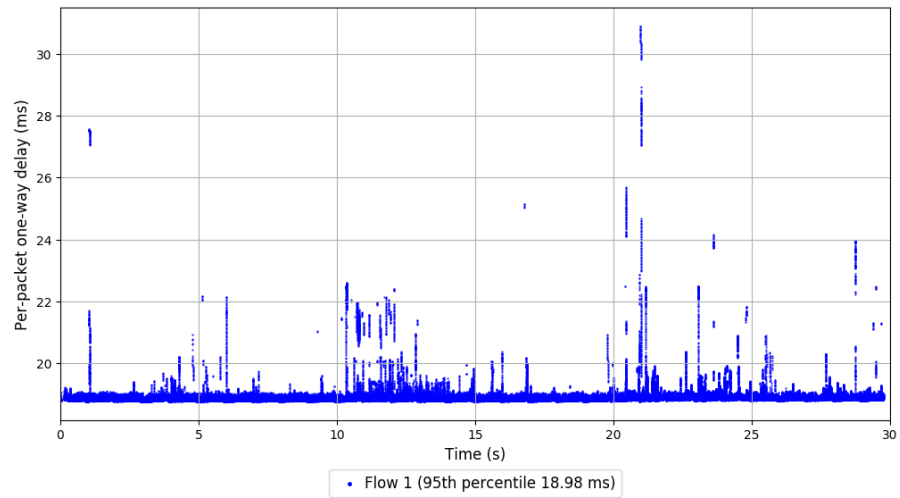
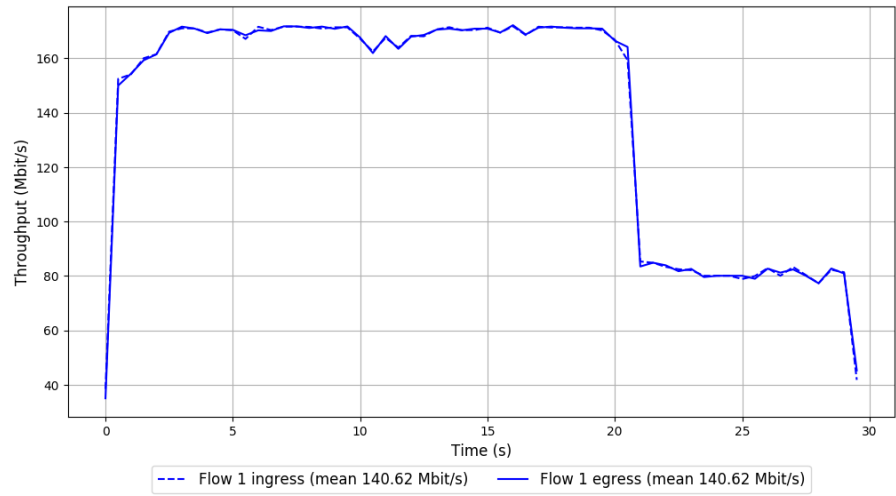


Run 8: Statistics of Indigo

Start at: 2017-09-03 06:45:49  
End at: 2017-09-03 06:46:19  
Local clock offset: -0.224 ms  
Remote clock offset: -0.519 ms

# Below is generated by plot.py at 2017-09-03 10:10:16  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 140.62 Mbit/s  
95th percentile per-packet one-way delay: 18.983 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 140.62 Mbit/s  
95th percentile per-packet one-way delay: 18.983 ms  
Loss rate: 0.00%

## Run 8: Report of Indigo — Data Link



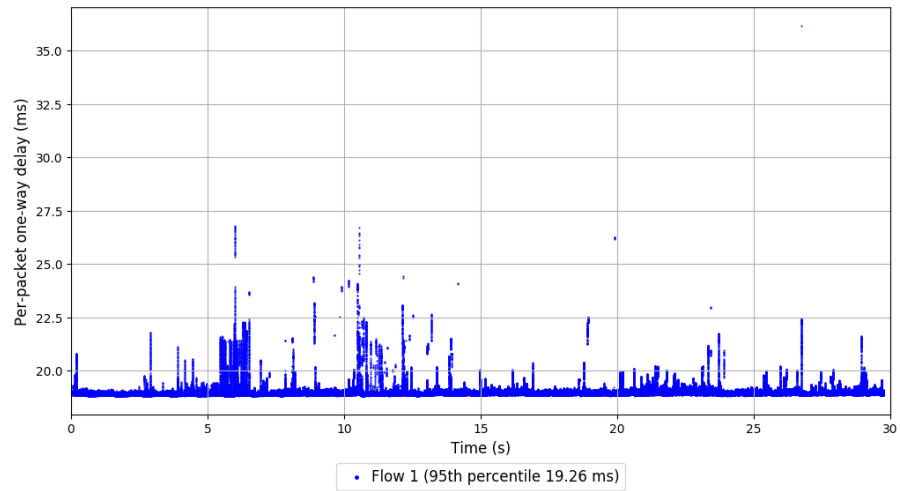
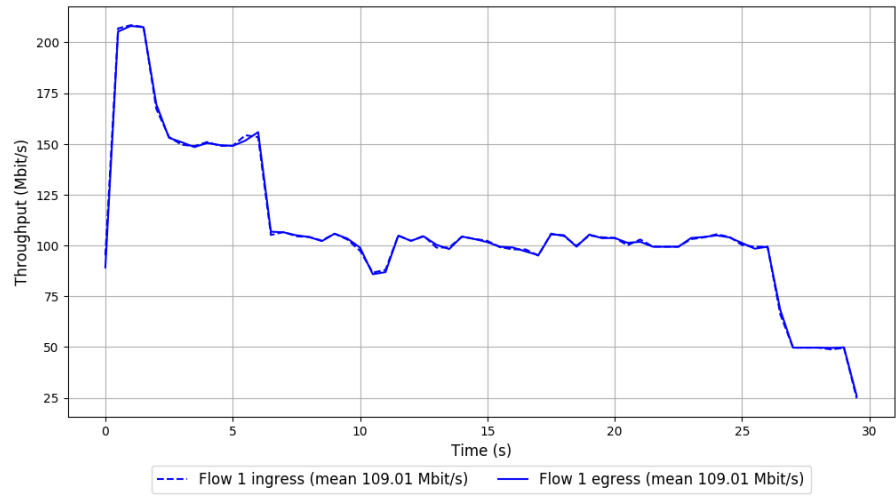
Run 9: Statistics of Indigo

Start at: 2017-09-03 07:05:57  
End at: 2017-09-03 07:06:27  
Local clock offset: -0.462 ms  
Remote clock offset: -0.684 ms

# Below is generated by plot.py at 2017-09-03 10:10:23  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 109.01 Mbit/s  
95th percentile per-packet one-way delay: 19.261 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 109.01 Mbit/s  
95th percentile per-packet one-way delay: 19.261 ms  
Loss rate: 0.00%



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



Run 10: Statistics of Indigo

Start at: 2017-09-03 07:25:58

End at: 2017-09-03 07:26:28

Local clock offset: -0.536 ms

Remote clock offset: -0.969 ms

# Below is generated by plot.py at 2017-09-03 10:10:37

# Datalink statistics

-- Total of 1 flow:

Average throughput: 139.89 Mbit/s

95th percentile per-packet one-way delay: 19.203 ms

Loss rate: 0.00%

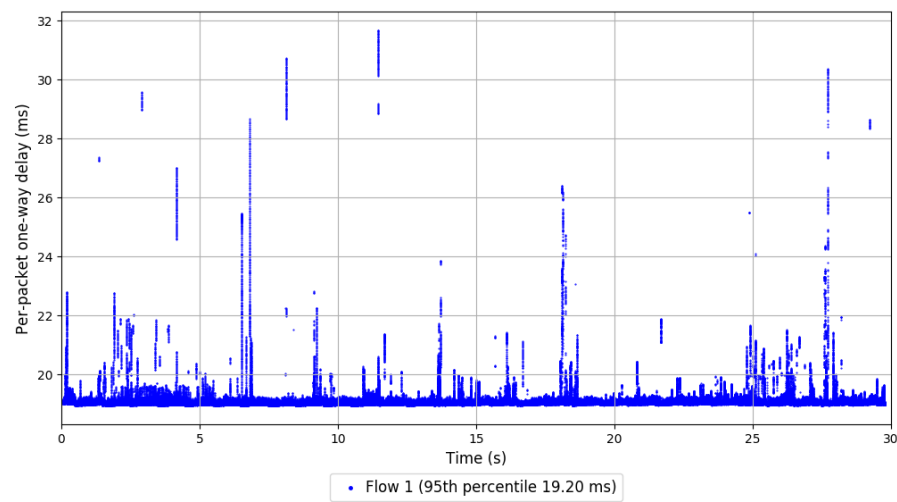
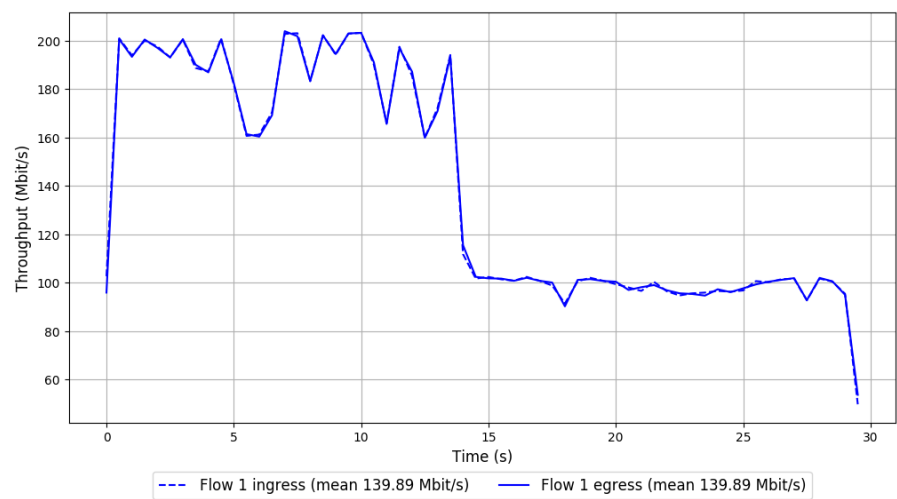
-- Flow 1:

Average throughput: 139.89 Mbit/s

95th percentile per-packet one-way delay: 19.203 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

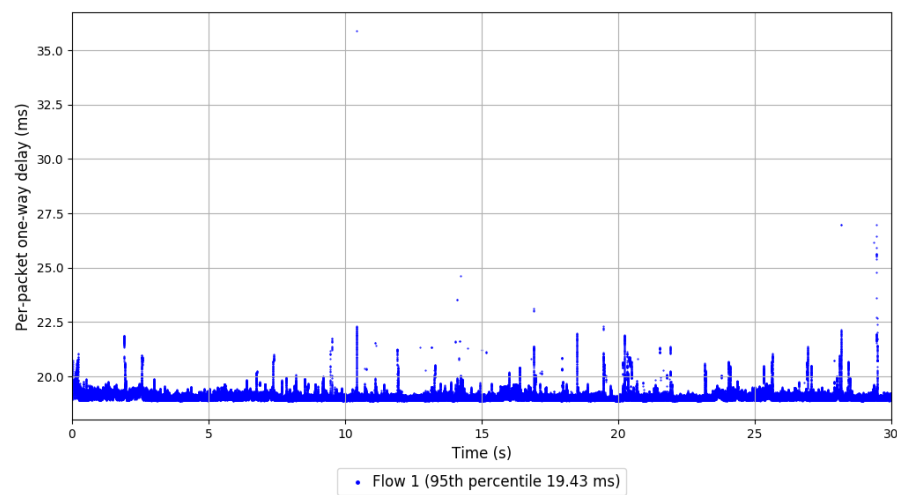
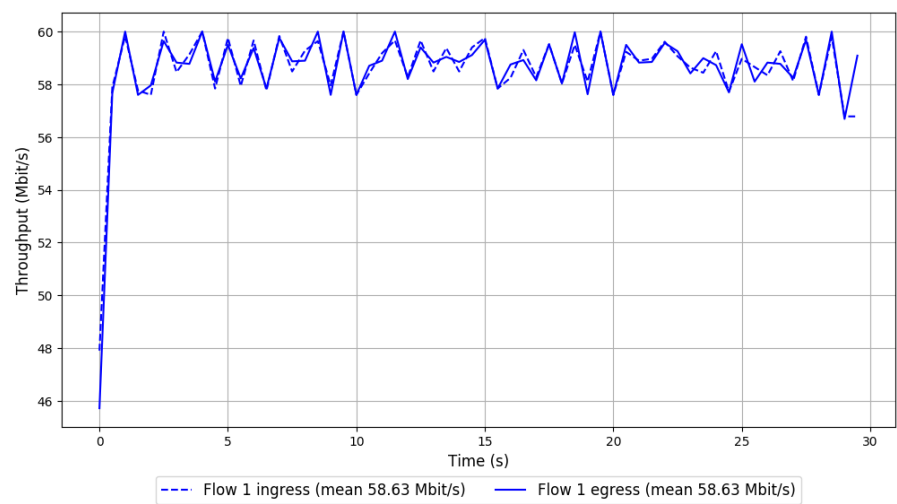


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 04:31:02
End at: 2017-09-03 04:31:32
Local clock offset: -0.176 ms
Remote clock offset: -1.05 ms

# Below is generated by plot.py at 2017-09-03 10:10:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 19.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 19.427 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

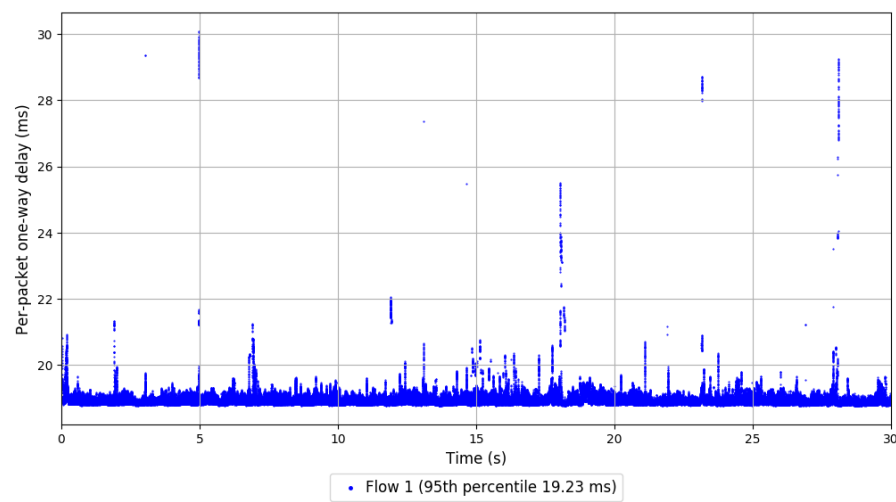
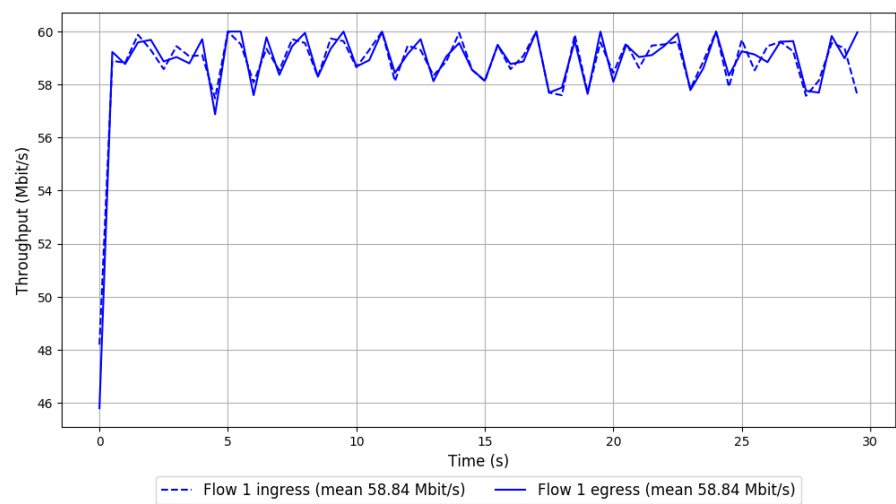


Run 2: Statistics of KohoCC

Start at: 2017-09-03 04:51:27  
End at: 2017-09-03 04:51:57  
Local clock offset: 0.38 ms  
Remote clock offset: -0.528 ms

# Below is generated by plot.py at 2017-09-03 10:10:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.84 Mbit/s  
95th percentile per-packet one-way delay: 19.226 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 58.84 Mbit/s  
95th percentile per-packet one-way delay: 19.226 ms  
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link



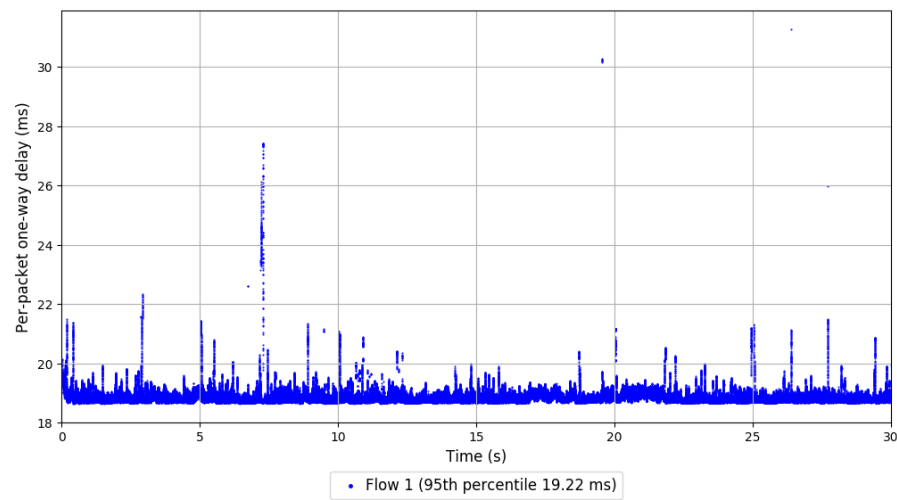
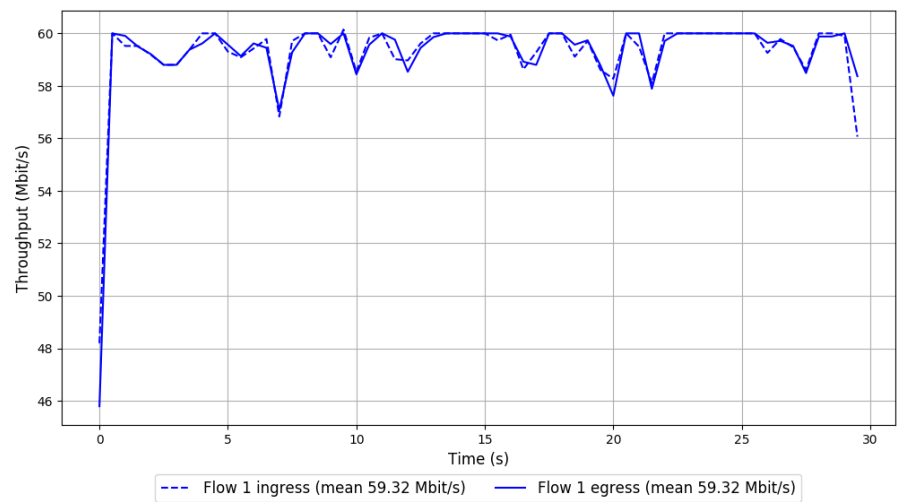
Run 3: Statistics of KohoCC

Start at: 2017-09-03 05:11:30  
End at: 2017-09-03 05:12:00  
Local clock offset: 0.292 ms  
Remote clock offset: -0.804 ms

# Below is generated by plot.py at 2017-09-03 10:10:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.32 Mbit/s  
95th percentile per-packet one-way delay: 19.224 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 59.32 Mbit/s  
95th percentile per-packet one-way delay: 19.224 ms  
Loss rate: 0.00%



Run 3: Report of KohoCC — Data Link

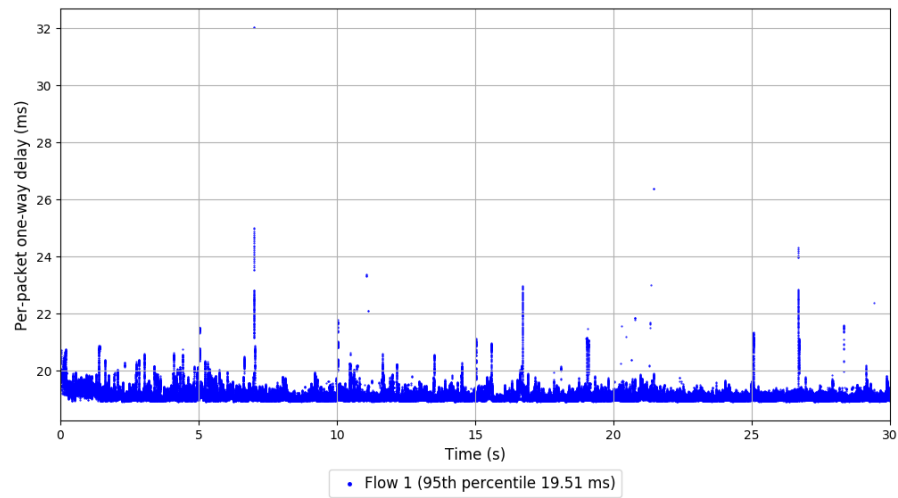
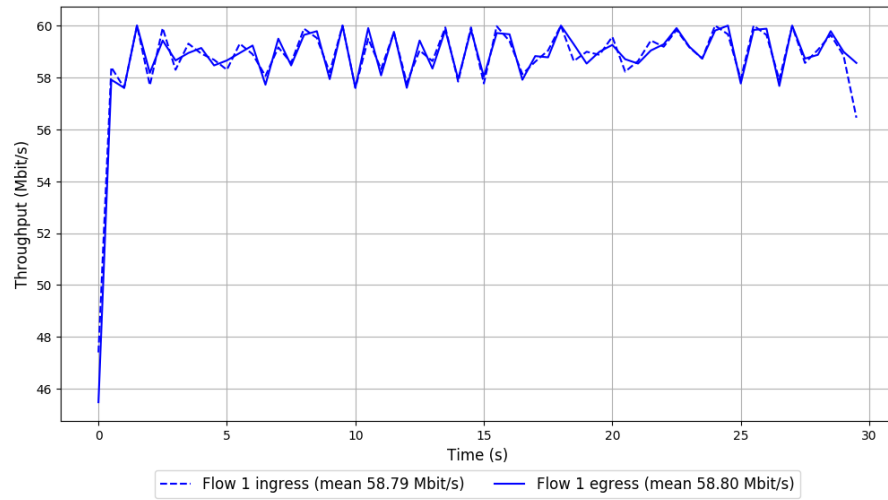


Run 4: Statistics of KohoCC

Start at: 2017-09-03 05:31:50  
End at: 2017-09-03 05:32:20  
Local clock offset: 0.228 ms  
Remote clock offset: -0.657 ms

# Below is generated by plot.py at 2017-09-03 10:10:50  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.80 Mbit/s  
95th percentile per-packet one-way delay: 19.514 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 58.80 Mbit/s  
95th percentile per-packet one-way delay: 19.514 ms  
Loss rate: 0.00%

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

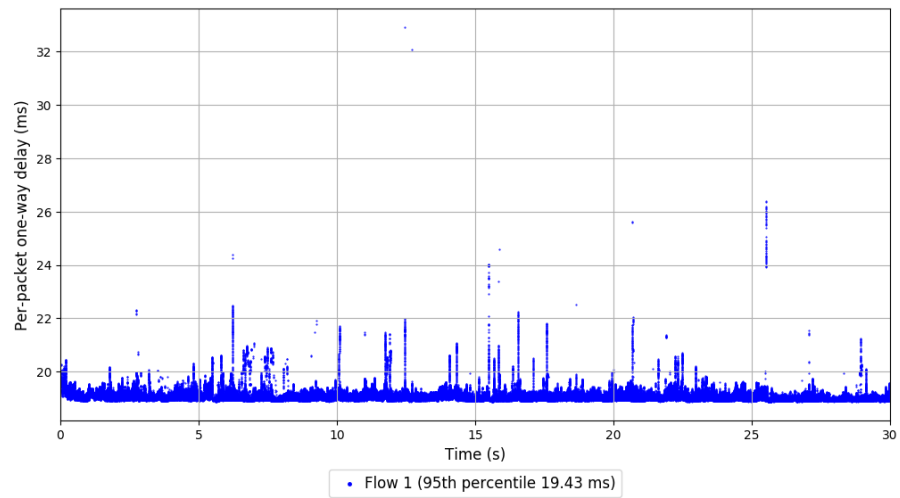
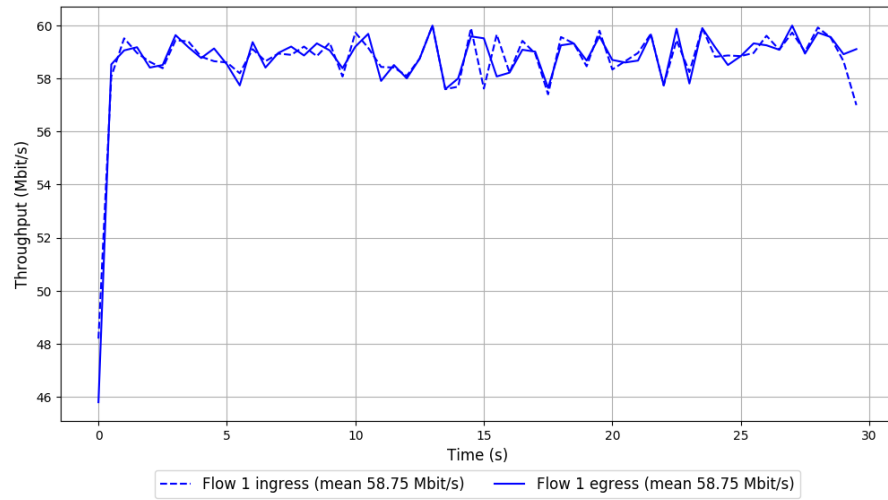


Run 5: Statistics of KohoCC

Start at: 2017-09-03 05:51:57  
End at: 2017-09-03 05:52:27  
Local clock offset: 0.084 ms  
Remote clock offset: -0.607 ms

# Below is generated by plot.py at 2017-09-03 10:10:55  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.75 Mbit/s  
95th percentile per-packet one-way delay: 19.429 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 58.75 Mbit/s  
95th percentile per-packet one-way delay: 19.429 ms  
Loss rate: 0.00%

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

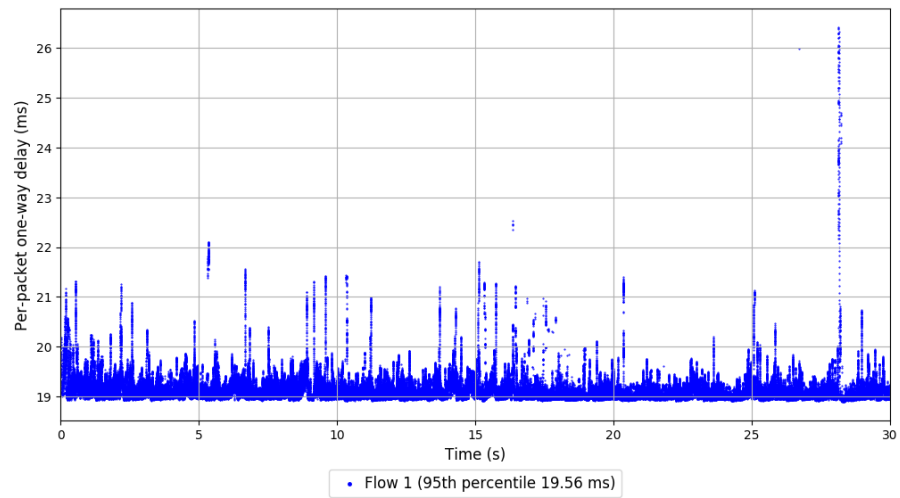
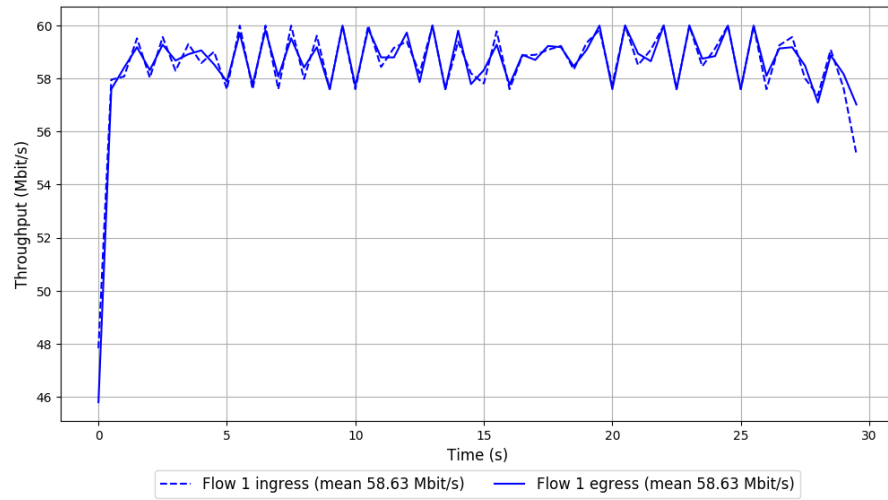


Run 6: Statistics of KohoCC

Start at: 2017-09-03 06:12:04  
End at: 2017-09-03 06:12:34  
Local clock offset: 0.004 ms  
Remote clock offset: -0.345 ms

# Below is generated by plot.py at 2017-09-03 10:10:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.63 Mbit/s  
95th percentile per-packet one-way delay: 19.562 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 58.63 Mbit/s  
95th percentile per-packet one-way delay: 19.562 ms  
Loss rate: 0.00%

## Run 6: Report of KohoCC — Data Link



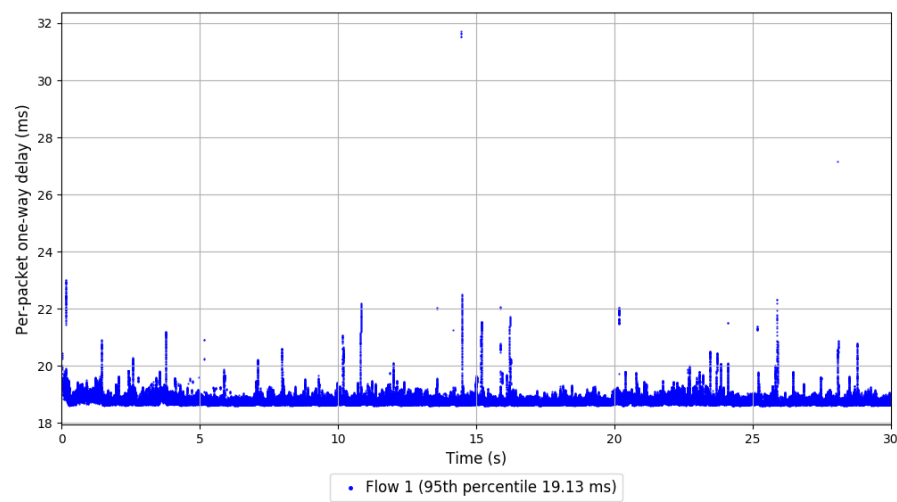
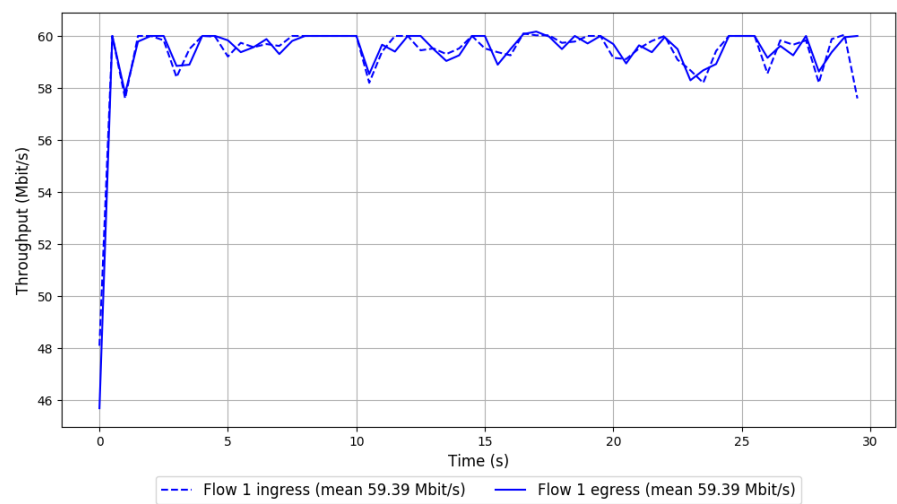
Run 7: Statistics of KohoCC

Start at: 2017-09-03 06:31:57  
End at: 2017-09-03 06:32:27  
Local clock offset: -0.059 ms  
Remote clock offset: -0.566 ms

# Below is generated by plot.py at 2017-09-03 10:11:03  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 59.39 Mbit/s  
95th percentile per-packet one-way delay: 19.129 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 59.39 Mbit/s  
95th percentile per-packet one-way delay: 19.129 ms  
Loss rate: 0.00%



Run 7: Report of KohoCC — Data Link

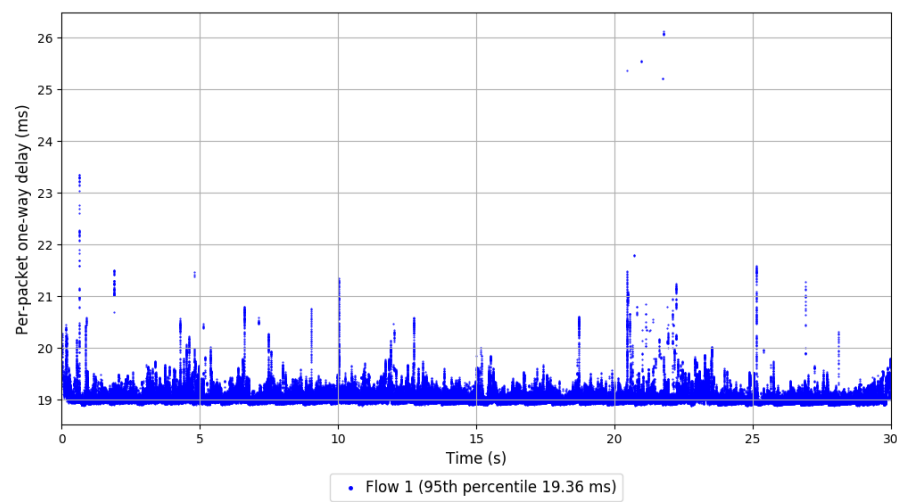
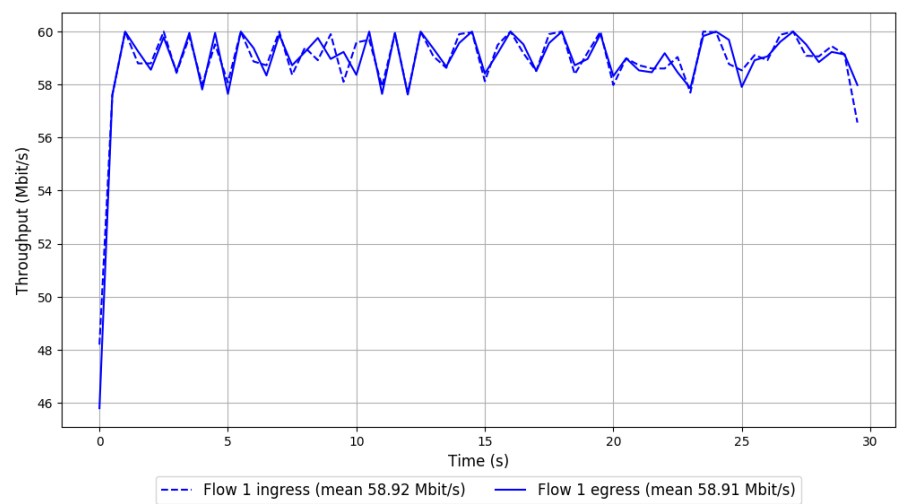


Run 8: Statistics of KohoCC

Start at: 2017-09-03 06:52:28  
End at: 2017-09-03 06:52:58  
Local clock offset: -0.296 ms  
Remote clock offset: -0.674 ms

# Below is generated by plot.py at 2017-09-03 10:11:08  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 58.91 Mbit/s  
95th percentile per-packet one-way delay: 19.358 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 58.91 Mbit/s  
95th percentile per-packet one-way delay: 19.358 ms  
Loss rate: 0.03%

Run 8: Report of KohoCC — Data Link

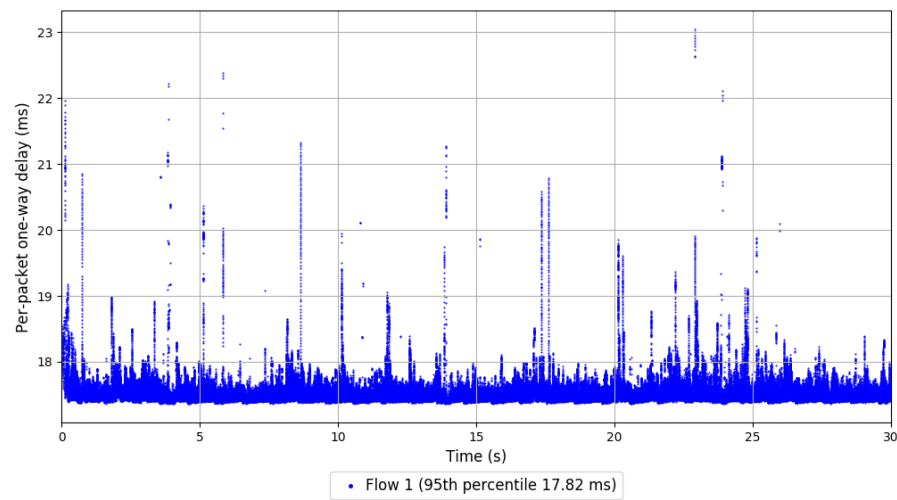
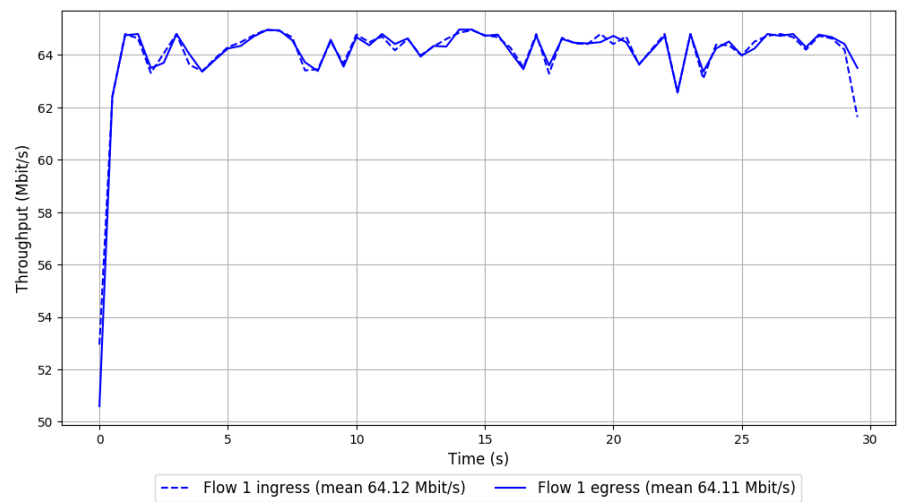


Run 9: Statistics of KohoCC

Start at: 2017-09-03 07:12:39  
End at: 2017-09-03 07:13:09  
Local clock offset: -0.53 ms  
Remote clock offset: -0.805 ms

# Below is generated by plot.py at 2017-09-03 10:11:13  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 64.11 Mbit/s  
95th percentile per-packet one-way delay: 17.825 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 64.11 Mbit/s  
95th percentile per-packet one-way delay: 17.825 ms  
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-03 07:32:44

End at: 2017-09-03 07:33:14

Local clock offset: -0.672 ms

Remote clock offset: -0.931 ms

# Below is generated by plot.py at 2017-09-03 10:11:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 59.47 Mbit/s

95th percentile per-packet one-way delay: 19.322 ms

Loss rate: 0.00%

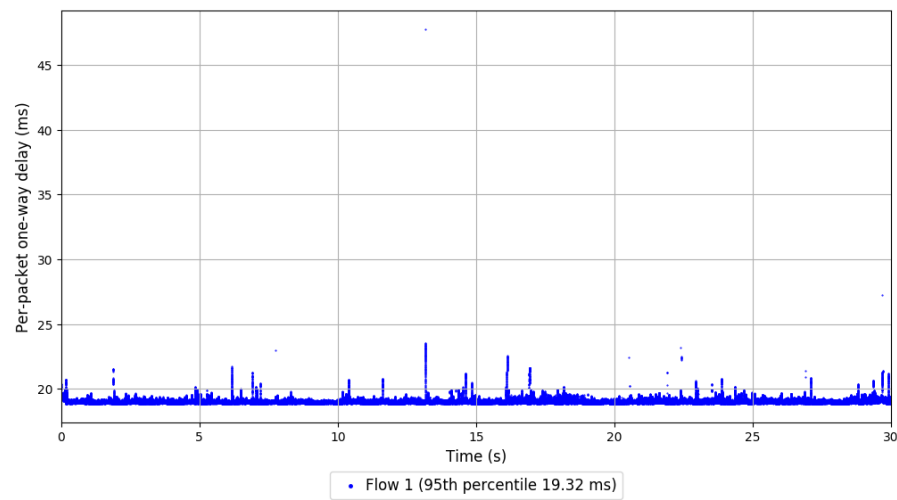
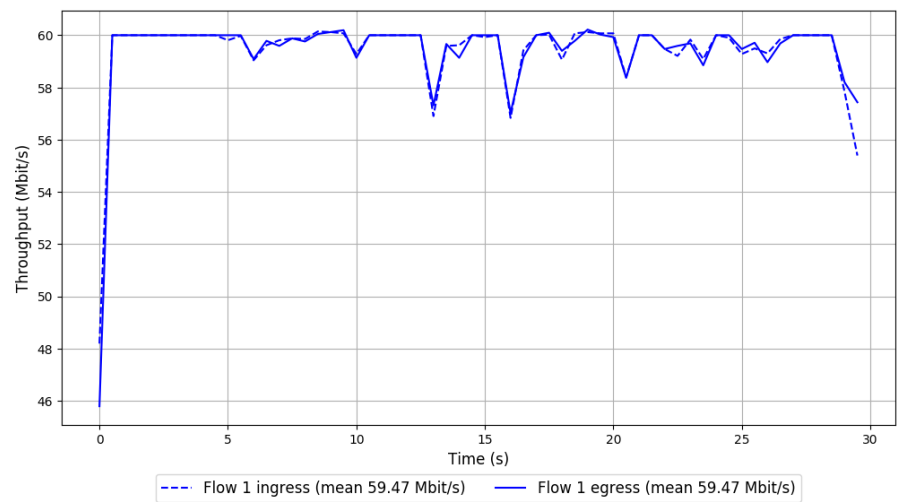
-- Flow 1:

Average throughput: 59.47 Mbit/s

95th percentile per-packet one-way delay: 19.322 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



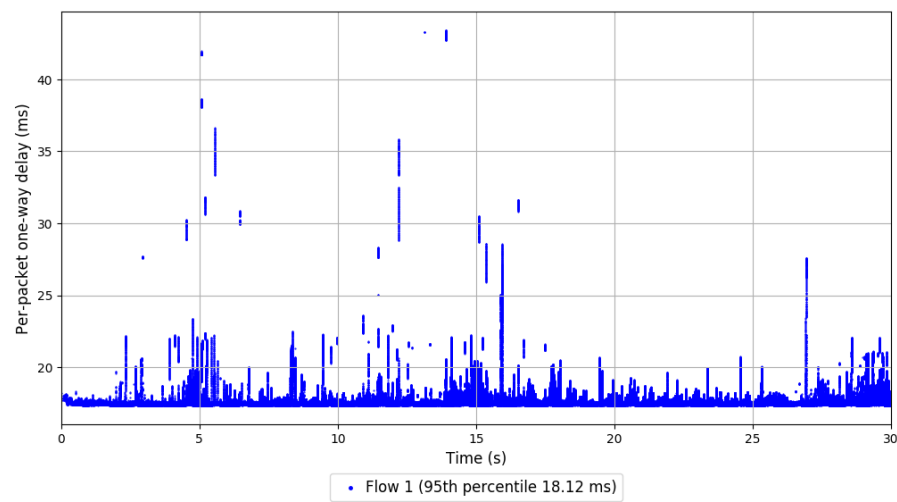
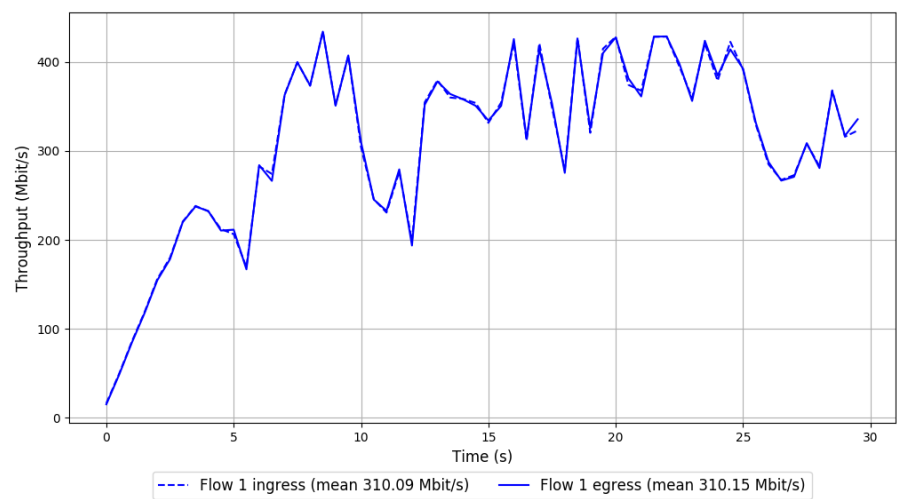
Run 1: Statistics of LEDBAT

Start at: 2017-09-03 04:33:34  
End at: 2017-09-03 04:34:04  
Local clock offset: -0.195 ms  
Remote clock offset: -0.959 ms

# Below is generated by plot.py at 2017-09-03 10:11:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 310.15 Mbit/s  
95th percentile per-packet one-way delay: 18.121 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 310.15 Mbit/s  
95th percentile per-packet one-way delay: 18.121 ms  
Loss rate: 0.00%



Run 1: Report of LEDBAT — Data Link

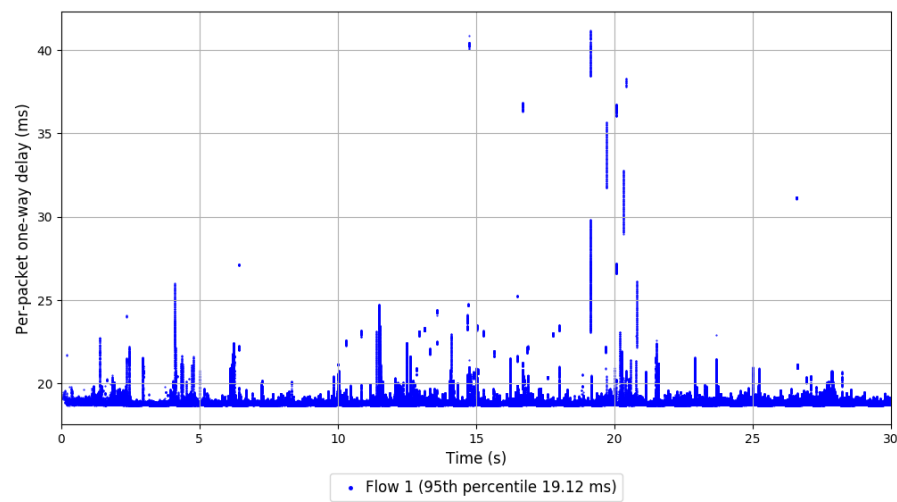
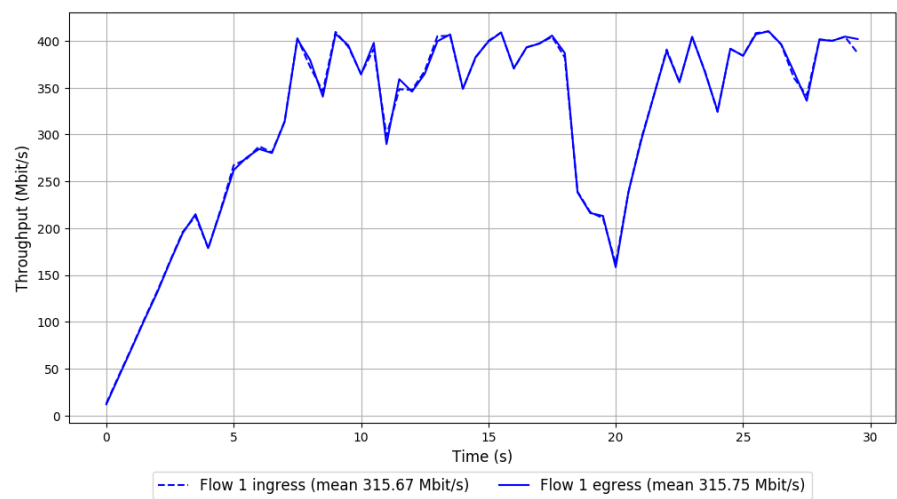


Run 2: Statistics of LEDBAT

Start at: 2017-09-03 04:54:03  
End at: 2017-09-03 04:54:33  
Local clock offset: 0.276 ms  
Remote clock offset: -0.493 ms

# Below is generated by plot.py at 2017-09-03 10:11:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 315.75 Mbit/s  
95th percentile per-packet one-way delay: 19.116 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 315.75 Mbit/s  
95th percentile per-packet one-way delay: 19.116 ms  
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

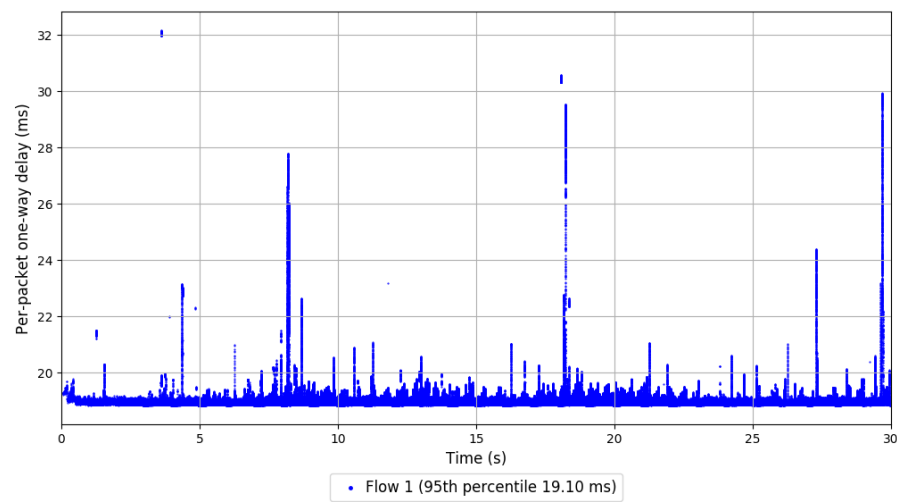
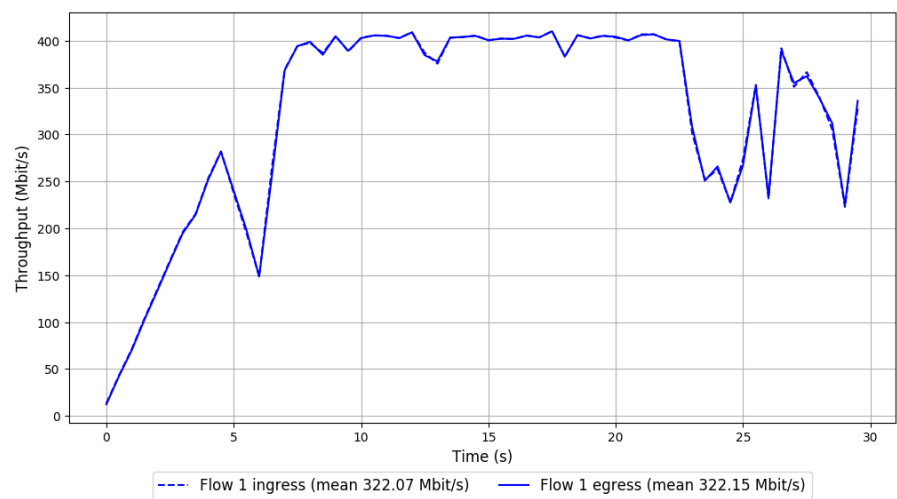


Run 3: Statistics of LEDBAT

Start at: 2017-09-03 05:14:17  
End at: 2017-09-03 05:14:47  
Local clock offset: 0.212 ms  
Remote clock offset: -0.721 ms

# Below is generated by plot.py at 2017-09-03 10:12:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 322.15 Mbit/s  
95th percentile per-packet one-way delay: 19.099 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 322.15 Mbit/s  
95th percentile per-packet one-way delay: 19.099 ms  
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

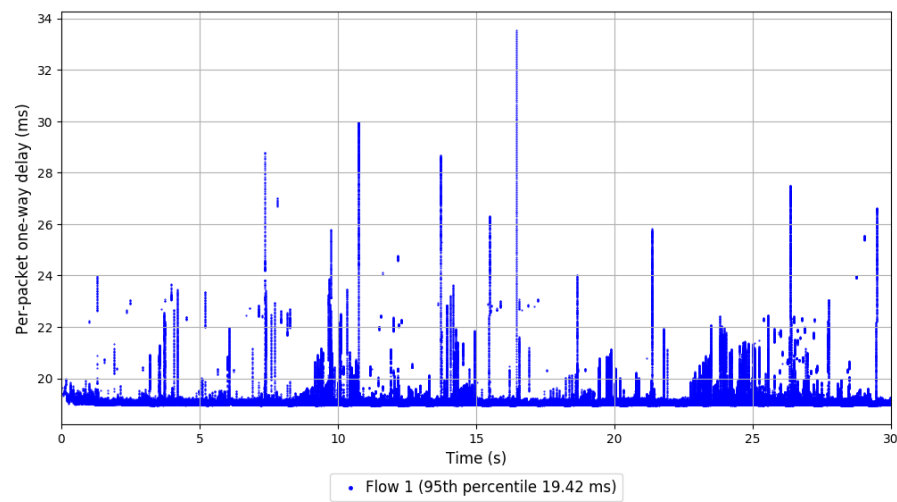
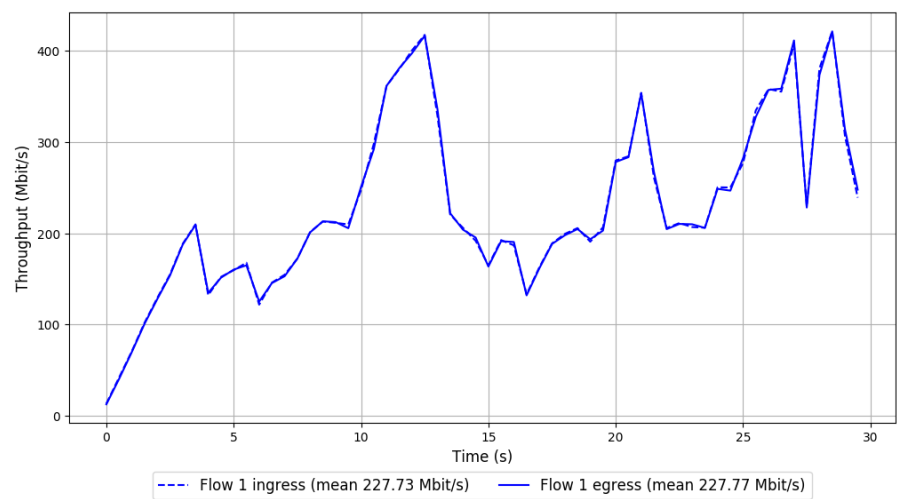


Run 4: Statistics of LEDBAT

Start at: 2017-09-03 05:34:37  
End at: 2017-09-03 05:35:07  
Local clock offset: 0.129 ms  
Remote clock offset: -0.674 ms

# Below is generated by plot.py at 2017-09-03 10:12:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 227.77 Mbit/s  
95th percentile per-packet one-way delay: 19.418 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 227.77 Mbit/s  
95th percentile per-packet one-way delay: 19.418 ms  
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



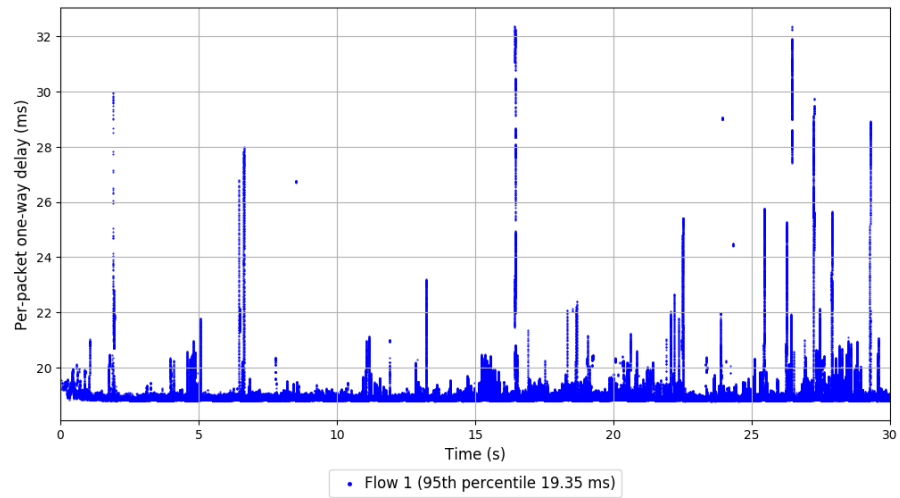
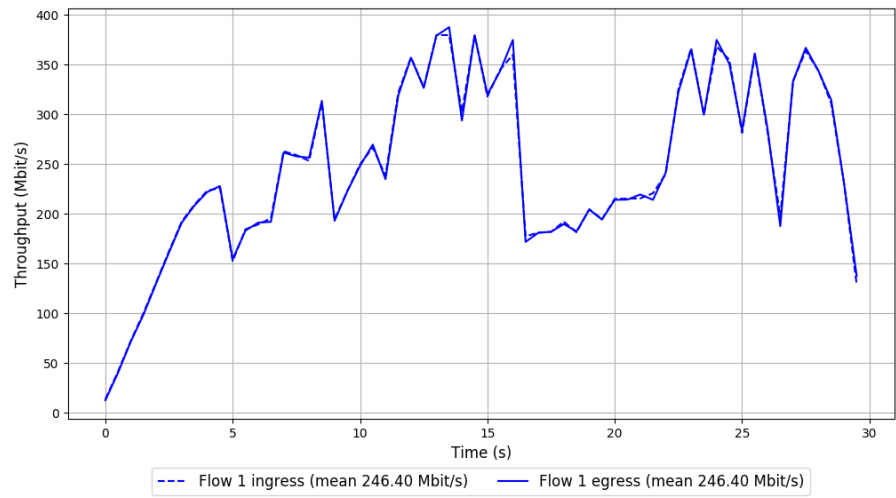
Run 5: Statistics of LEDBAT

Start at: 2017-09-03 05:54:41  
End at: 2017-09-03 05:55:11  
Local clock offset: 0.059 ms  
Remote clock offset: -0.674 ms

# Below is generated by plot.py at 2017-09-03 10:13:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 246.40 Mbit/s  
95th percentile per-packet one-way delay: 19.349 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 246.40 Mbit/s  
95th percentile per-packet one-way delay: 19.349 ms  
Loss rate: 0.00%



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

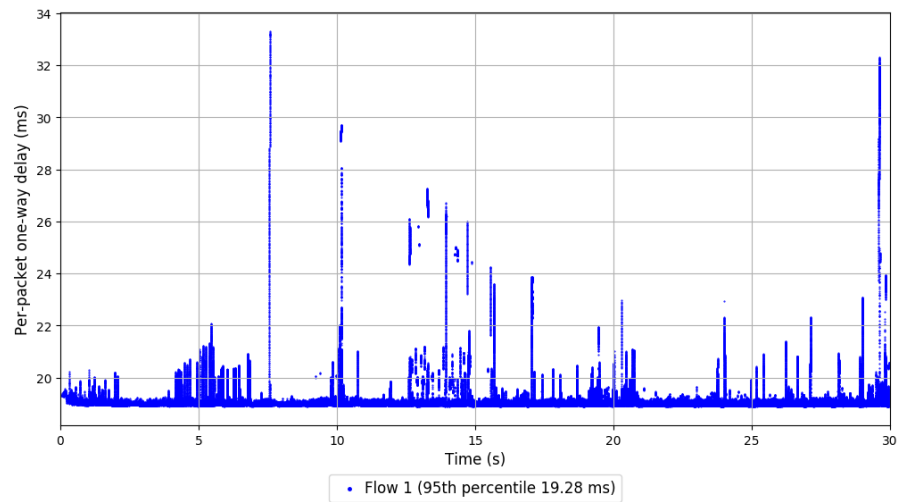
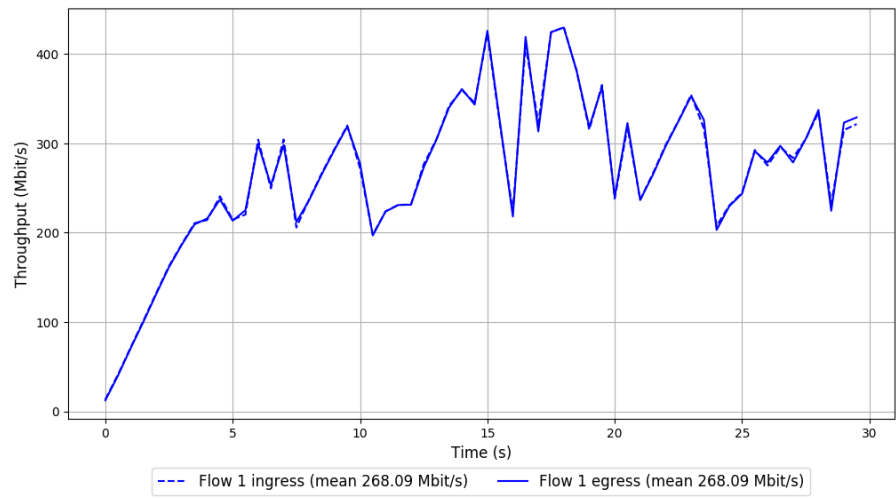


Run 6: Statistics of LEDBAT

Start at: 2017-09-03 06:14:30  
End at: 2017-09-03 06:15:00  
Local clock offset: -0.022 ms  
Remote clock offset: -0.282 ms

# Below is generated by plot.py at 2017-09-03 10:13:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 268.09 Mbit/s  
95th percentile per-packet one-way delay: 19.278 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 268.09 Mbit/s  
95th percentile per-packet one-way delay: 19.278 ms  
Loss rate: 0.01%

## Run 6: Report of LEDBAT — Data Link

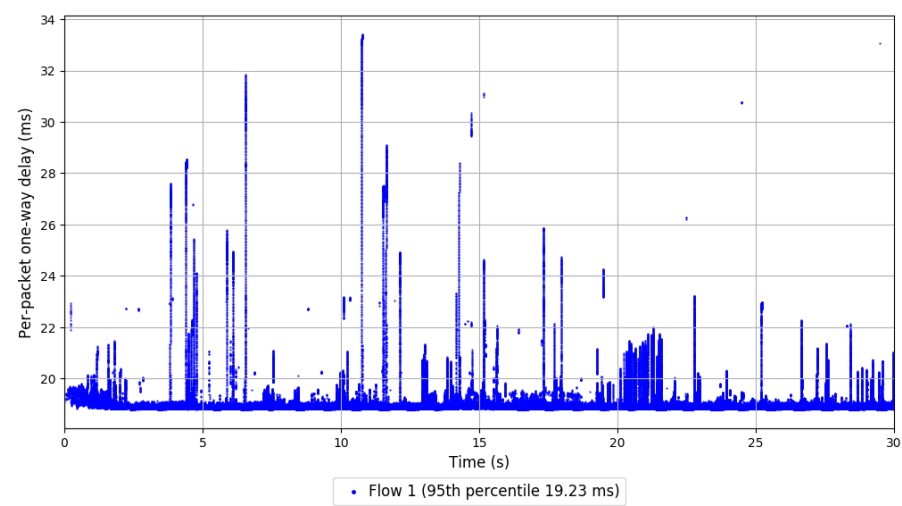
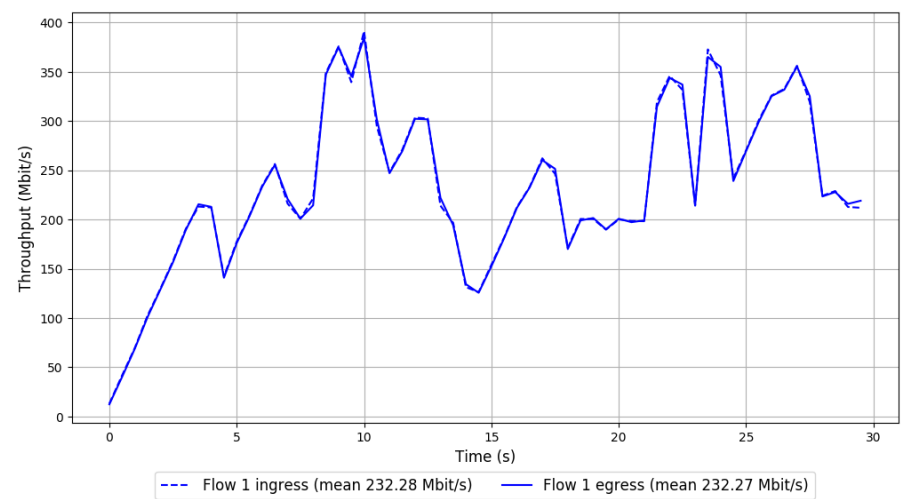


Run 7: Statistics of LEDBAT

Start at: 2017-09-03 06:34:46  
End at: 2017-09-03 06:35:16  
Local clock offset: -0.087 ms  
Remote clock offset: -0.596 ms

# Below is generated by plot.py at 2017-09-03 10:13:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 232.27 Mbit/s  
95th percentile per-packet one-way delay: 19.227 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 232.27 Mbit/s  
95th percentile per-packet one-way delay: 19.227 ms  
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

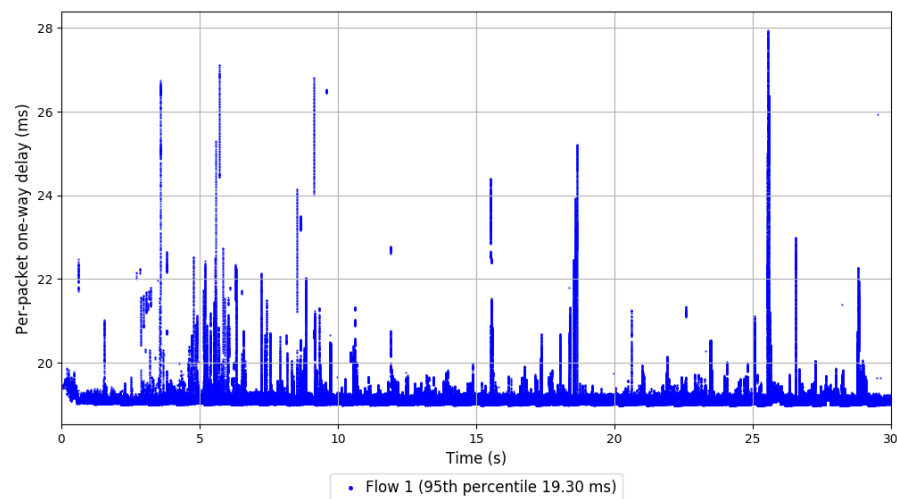
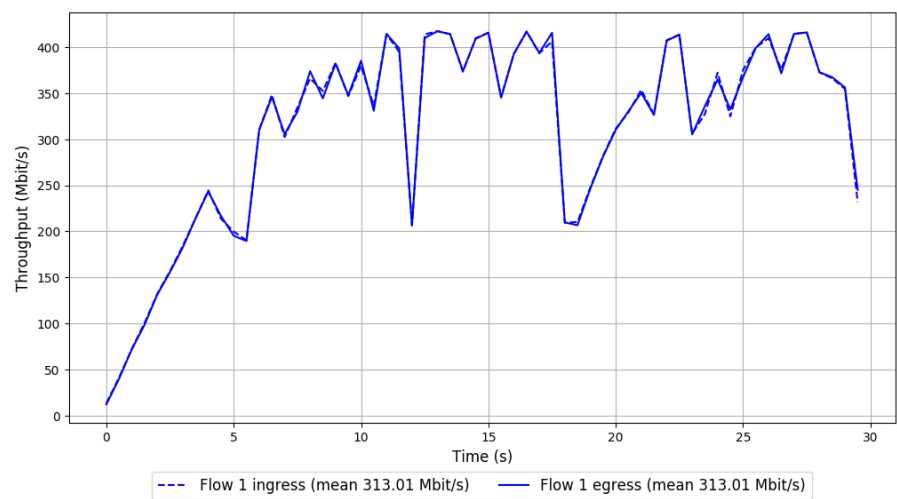


Run 8: Statistics of LEDBAT

Start at: 2017-09-03 06:54:57  
End at: 2017-09-03 06:55:27  
Local clock offset: -0.315 ms  
Remote clock offset: -0.534 ms

# Below is generated by plot.py at 2017-09-03 10:13:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 313.01 Mbit/s  
95th percentile per-packet one-way delay: 19.304 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 313.01 Mbit/s  
95th percentile per-packet one-way delay: 19.304 ms  
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link



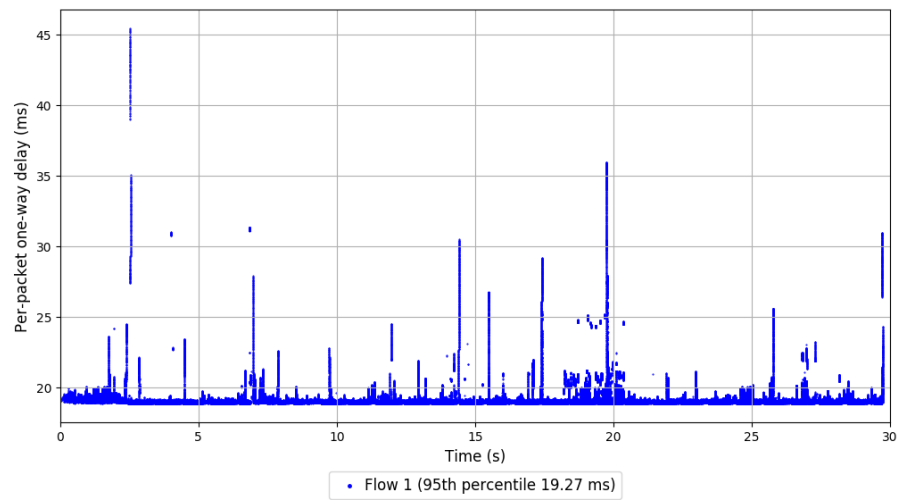
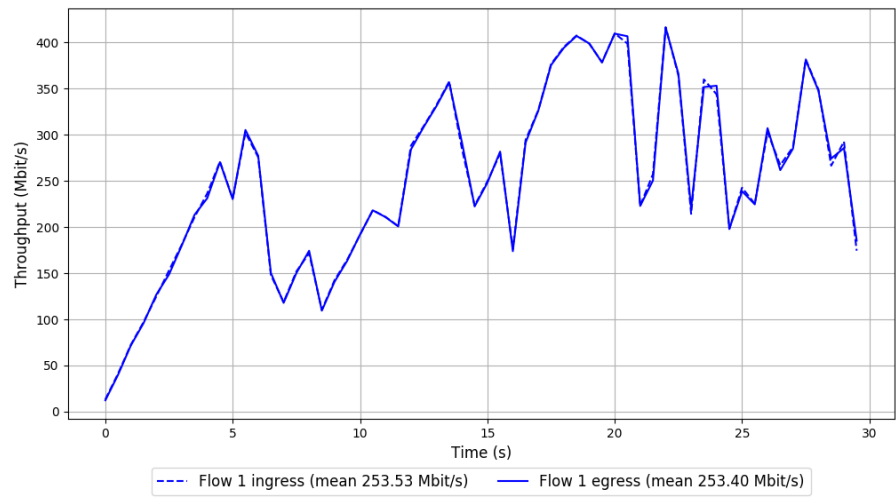
Run 9: Statistics of LEDBAT

Start at: 2017-09-03 07:15:03  
End at: 2017-09-03 07:15:33  
Local clock offset: -0.498 ms  
Remote clock offset: -0.914 ms

# Below is generated by plot.py at 2017-09-03 10:14:11  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 253.40 Mbit/s  
95th percentile per-packet one-way delay: 19.275 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 253.40 Mbit/s  
95th percentile per-packet one-way delay: 19.275 ms  
Loss rate: 0.03%



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

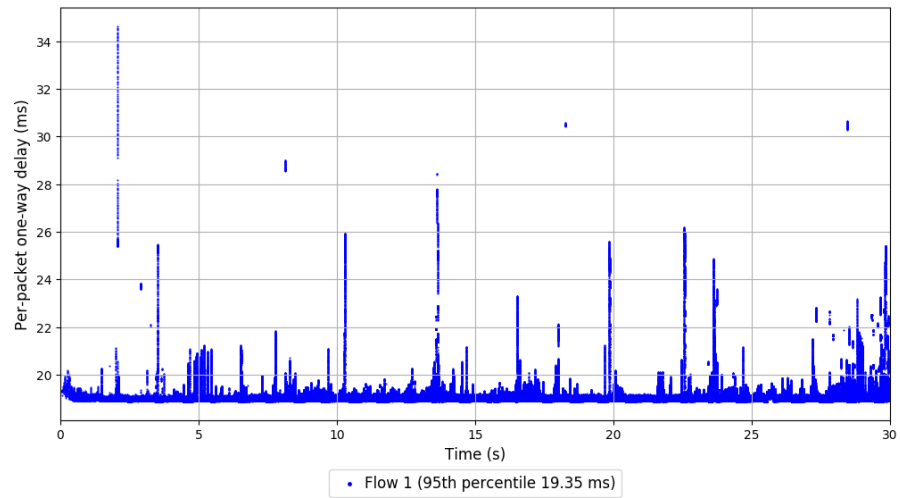
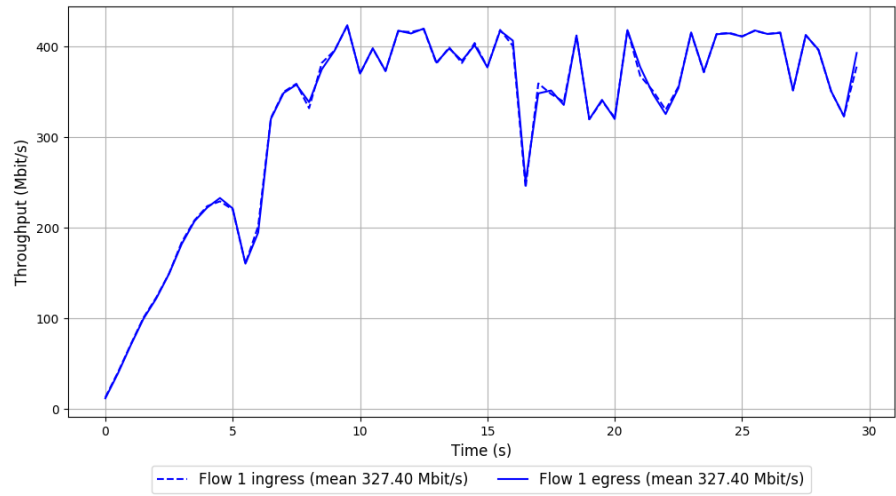


Run 10: Statistics of LEDBAT

Start at: 2017-09-03 07:35:32  
End at: 2017-09-03 07:36:02  
Local clock offset: -0.616 ms  
Remote clock offset: -1.017 ms

# Below is generated by plot.py at 2017-09-03 10:14:42  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 327.40 Mbit/s  
95th percentile per-packet one-way delay: 19.354 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 327.40 Mbit/s  
95th percentile per-packet one-way delay: 19.354 ms  
Loss rate: 0.00%

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



Run 1: Statistics of PCC

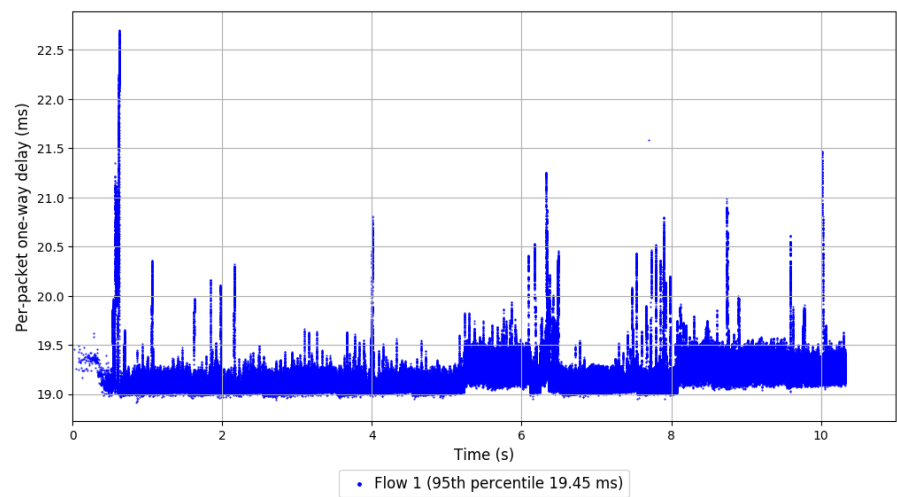
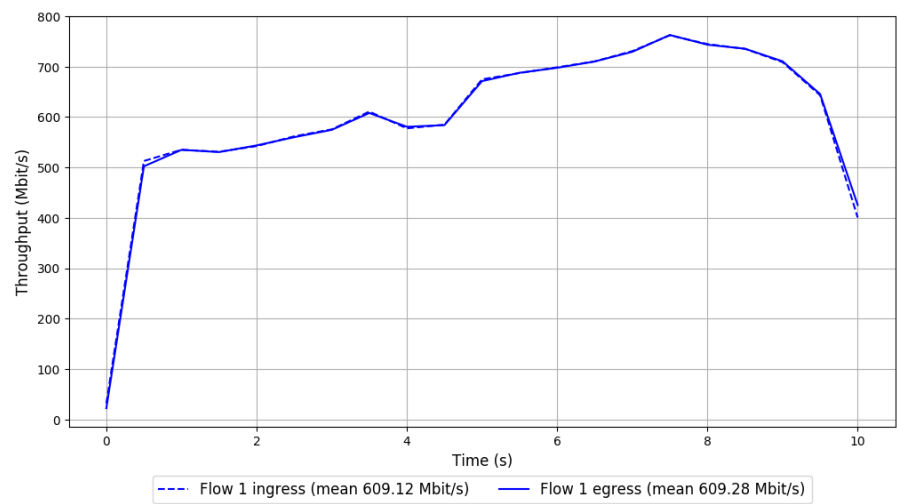
Start at: 2017-09-03 04:32:16

End at: 2017-09-03 04:32:46

Local clock offset: -0.227 ms

Remote clock offset: -0.953 ms

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

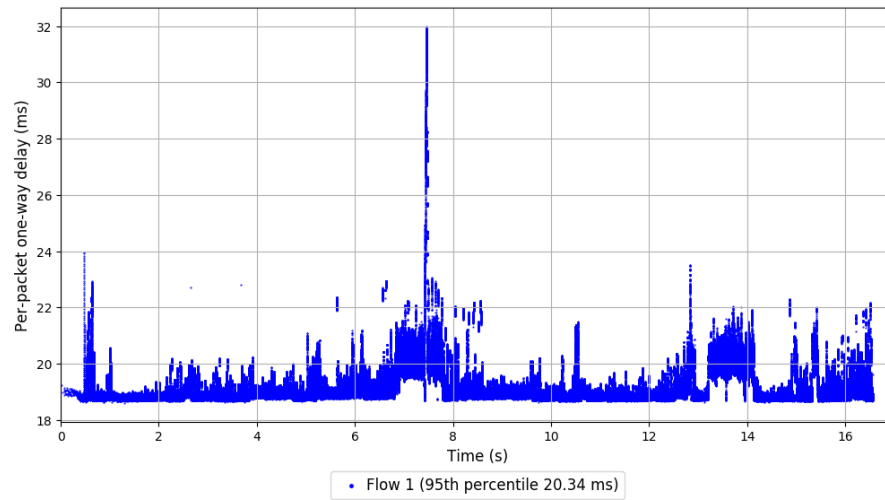
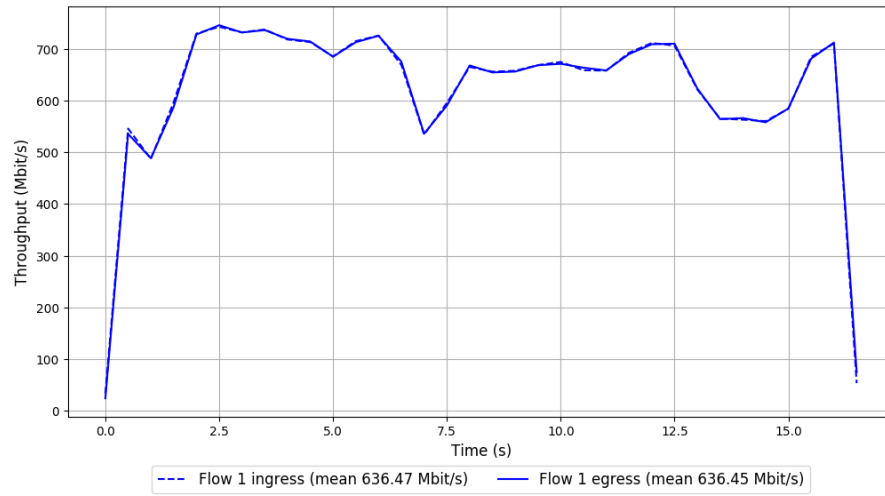
Start at: 2017-09-03 04:52:41

End at: 2017-09-03 04:53:11

Local clock offset: 0.341 ms

Remote clock offset: -0.401 ms

## Run 2: Report of PCC — Data Link



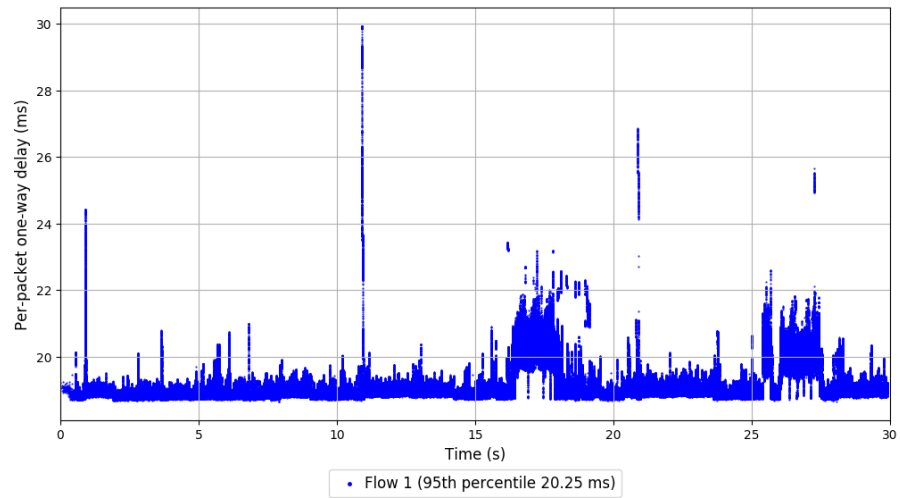
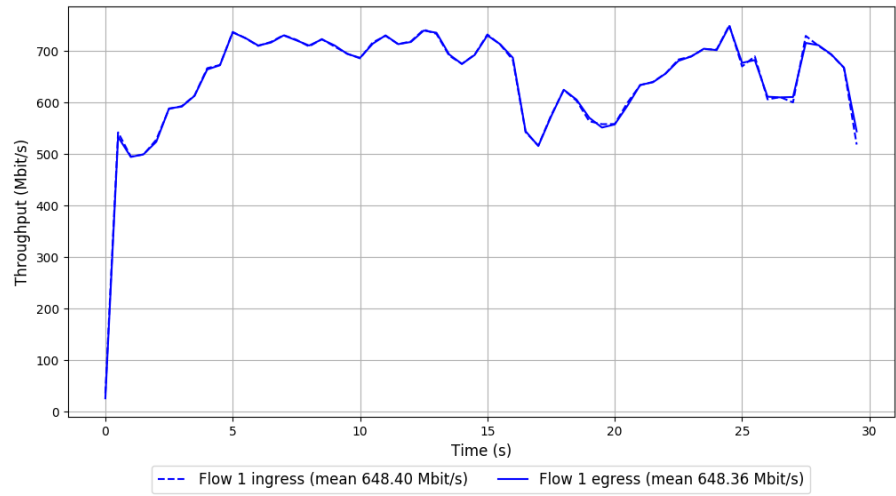
Run 3: Statistics of PCC

Start at: 2017-09-03 05:12:44  
End at: 2017-09-03 05:13:14  
Local clock offset: 0.311 ms  
Remote clock offset: -0.725 ms

# Below is generated by plot.py at 2017-09-03 10:15:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 648.36 Mbit/s  
95th percentile per-packet one-way delay: 20.255 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 648.36 Mbit/s  
95th percentile per-packet one-way delay: 20.255 ms  
Loss rate: 0.01%



### Run 3: Report of PCC — Data Link

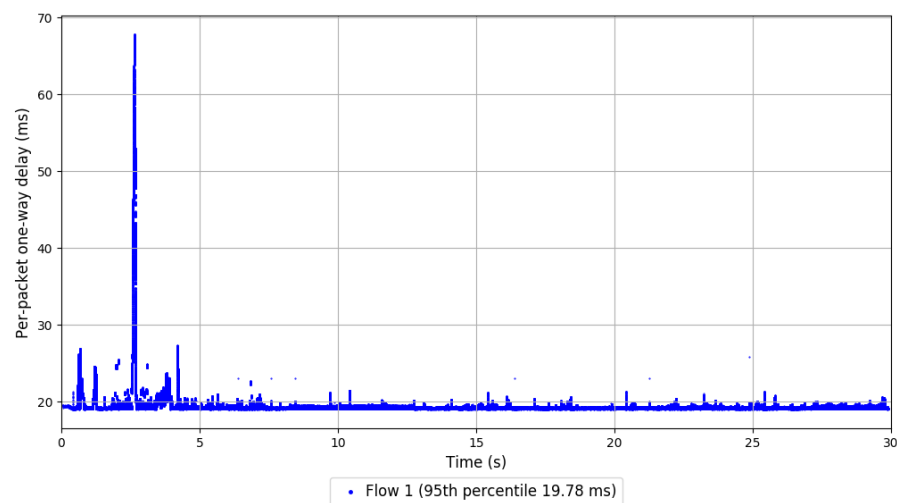
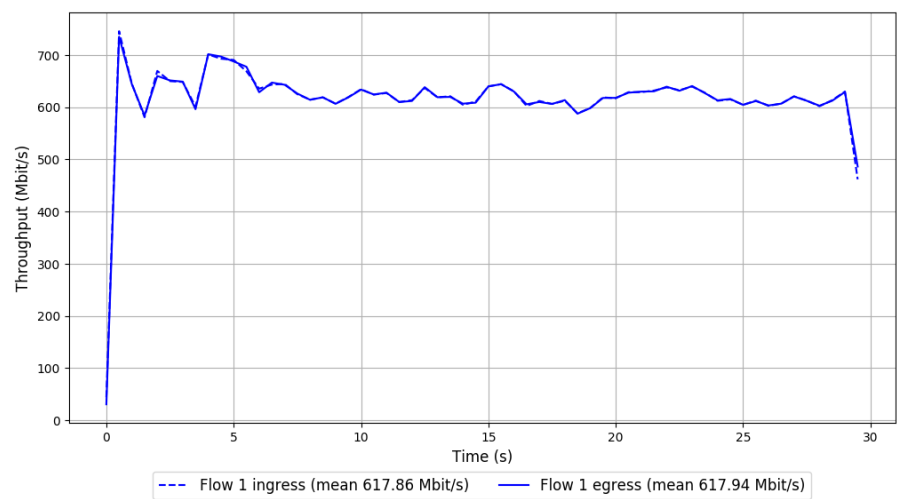


Run 4: Statistics of PCC

Start at: 2017-09-03 05:33:04  
End at: 2017-09-03 05:33:34  
Local clock offset: 0.105 ms  
Remote clock offset: -0.676 ms

# Below is generated by plot.py at 2017-09-03 10:16:46  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 617.94 Mbit/s  
95th percentile per-packet one-way delay: 19.777 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 617.94 Mbit/s  
95th percentile per-packet one-way delay: 19.777 ms  
Loss rate: 0.01%

Run 4: Report of PCC — Data Link

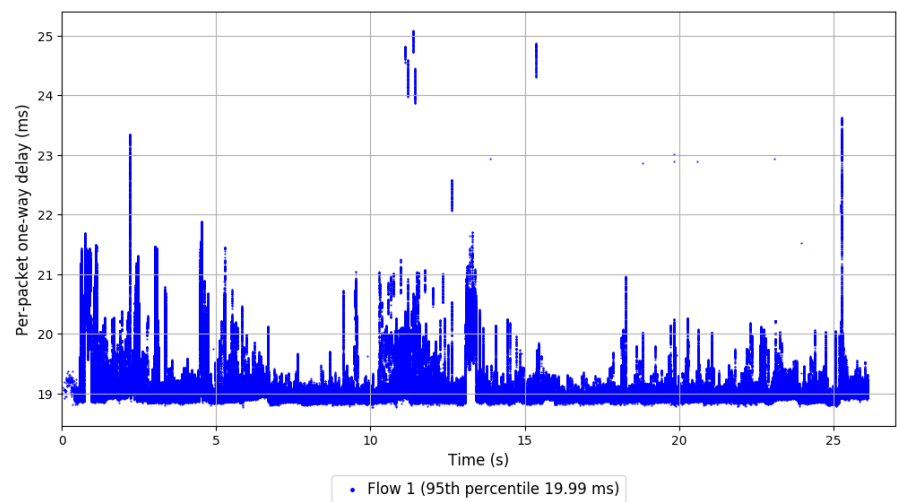
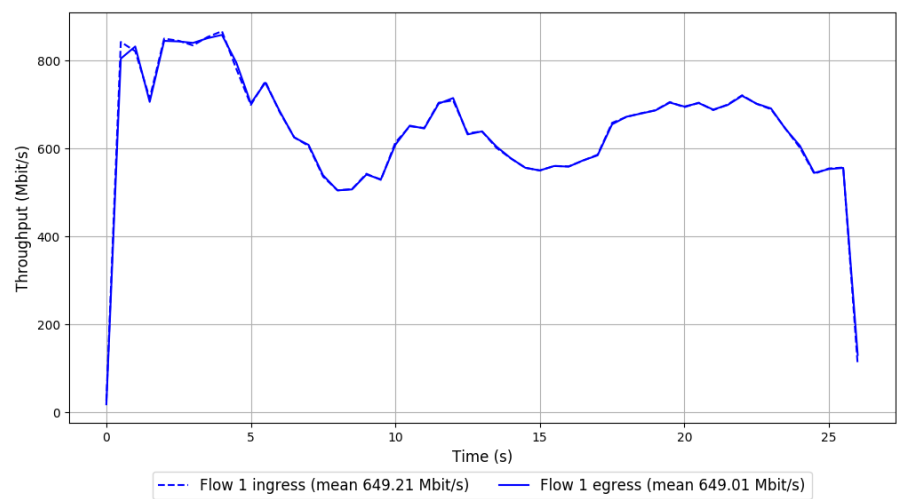


Run 5: Statistics of PCC

Start at: 2017-09-03 05:53:11  
End at: 2017-09-03 05:53:41  
Local clock offset: 0.071 ms  
Remote clock offset: -0.672 ms

# Below is generated by plot.py at 2017-09-03 10:17:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 649.01 Mbit/s  
95th percentile per-packet one-way delay: 19.993 ms  
Loss rate: 0.04%  
-- Flow 1:  
Average throughput: 649.01 Mbit/s  
95th percentile per-packet one-way delay: 19.993 ms  
Loss rate: 0.04%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

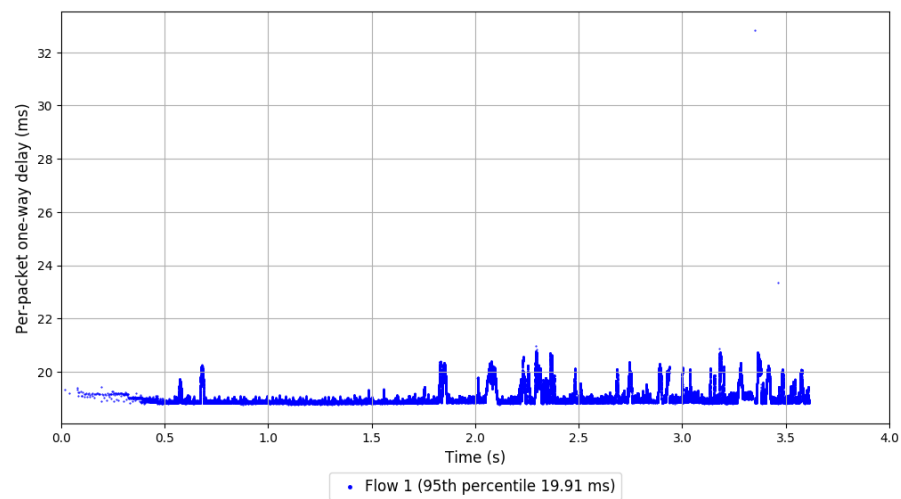
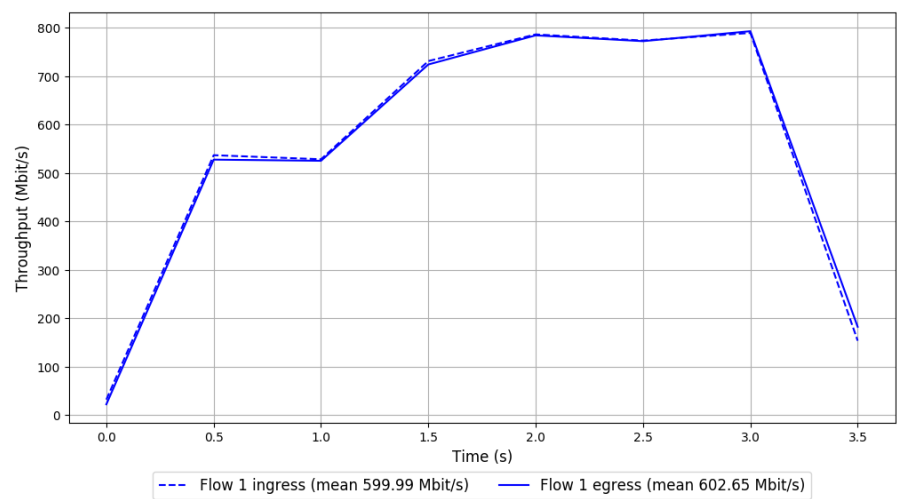
Start at: 2017-09-03 06:13:18

End at: 2017-09-03 06:13:48

Local clock offset: 0.079 ms

Remote clock offset: -0.322 ms

Run 6: Report of PCC — Data Link



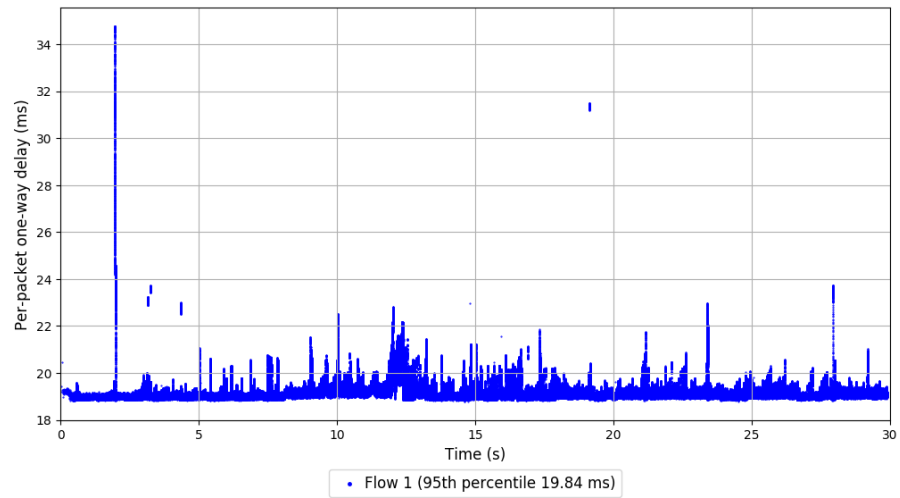
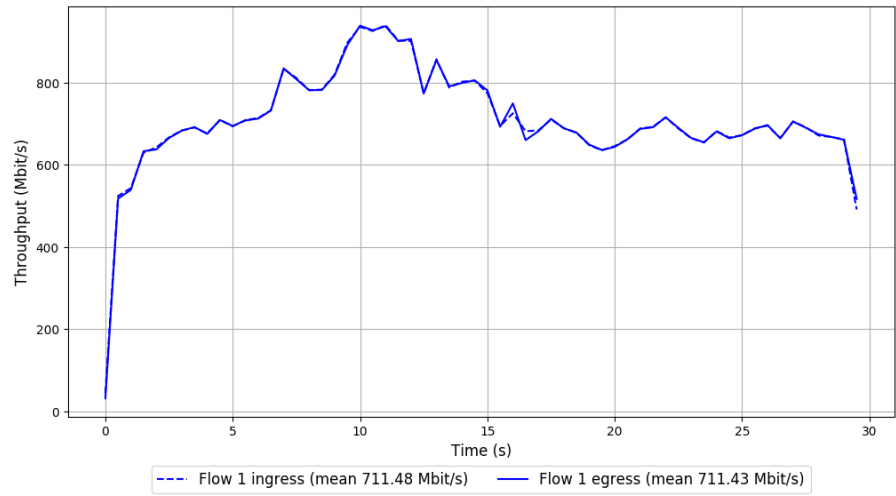
Run 7: Statistics of PCC

Start at: 2017-09-03 06:33:11  
End at: 2017-09-03 06:33:41  
Local clock offset: -0.085 ms  
Remote clock offset: -0.556 ms

# Below is generated by plot.py at 2017-09-03 10:18:29  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 711.43 Mbit/s  
95th percentile per-packet one-way delay: 19.841 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 711.43 Mbit/s  
95th percentile per-packet one-way delay: 19.841 ms  
Loss rate: 0.01%



### Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

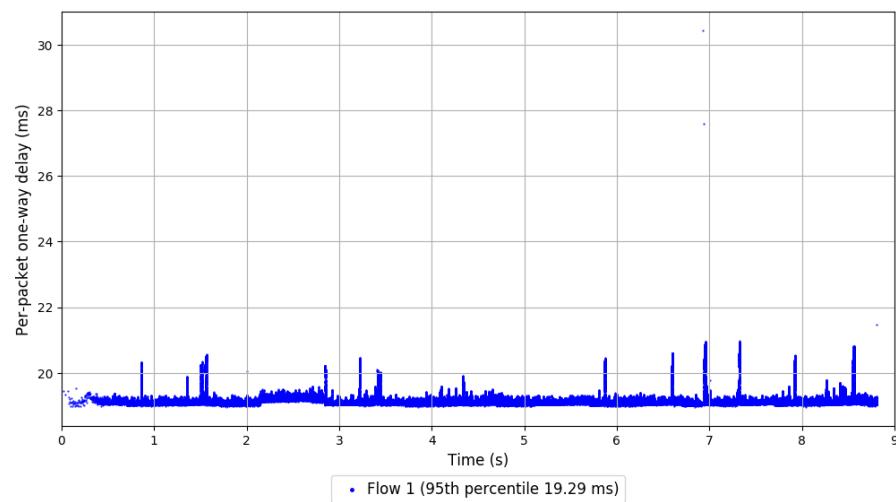
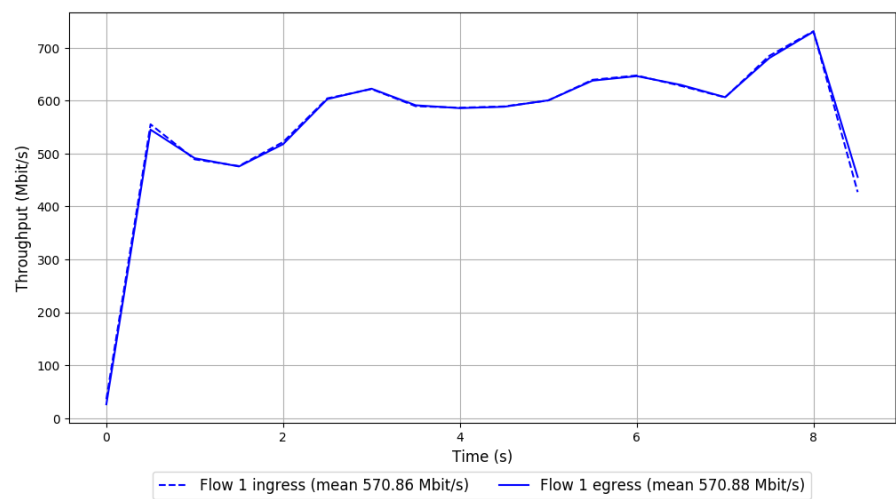
Start at: 2017-09-03 06:53:41

End at: 2017-09-03 06:54:11

Local clock offset: -0.326 ms

Remote clock offset: -0.549 ms

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

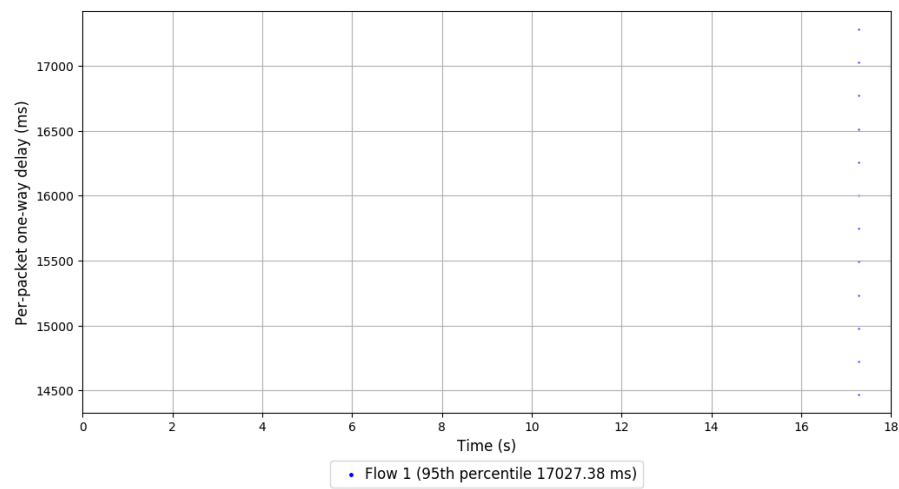
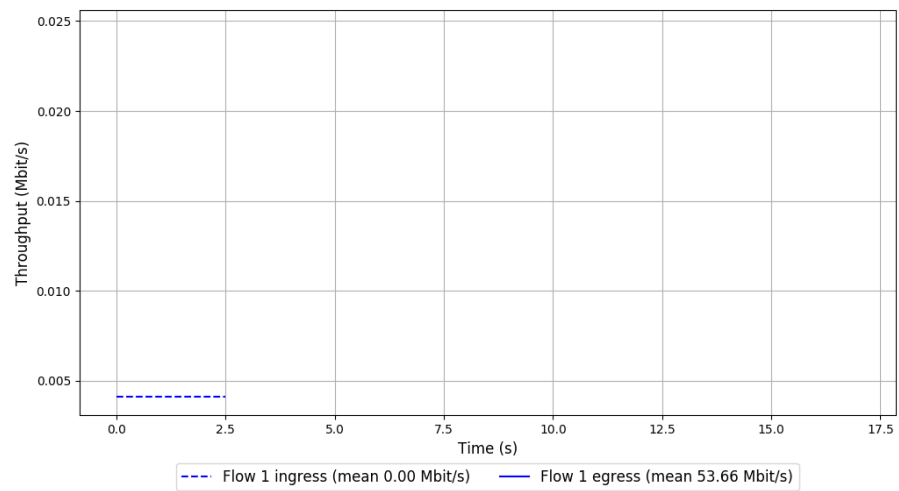
Start at: 2017-09-03 07:13:53

End at: 2017-09-03 07:14:23

Local clock offset: -0.543 ms

Remote clock offset: -0.927 ms

Run 9: Report of PCC — Data Link

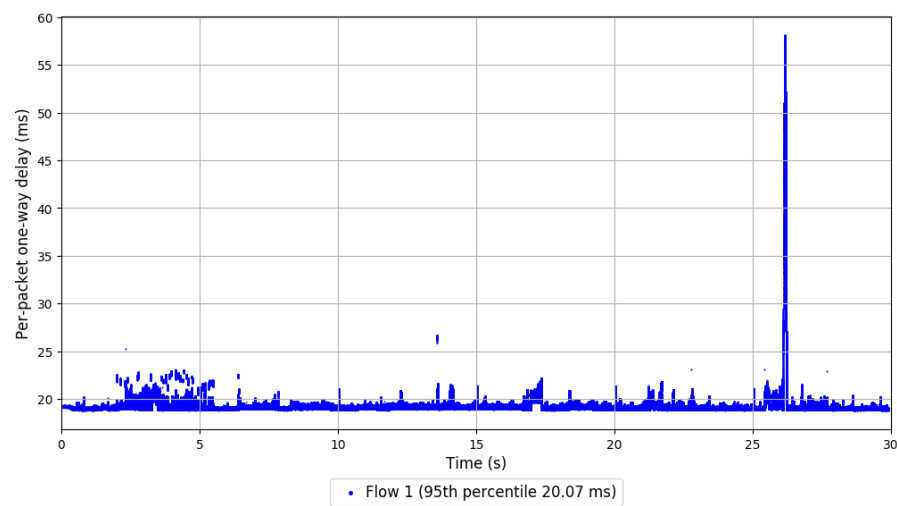
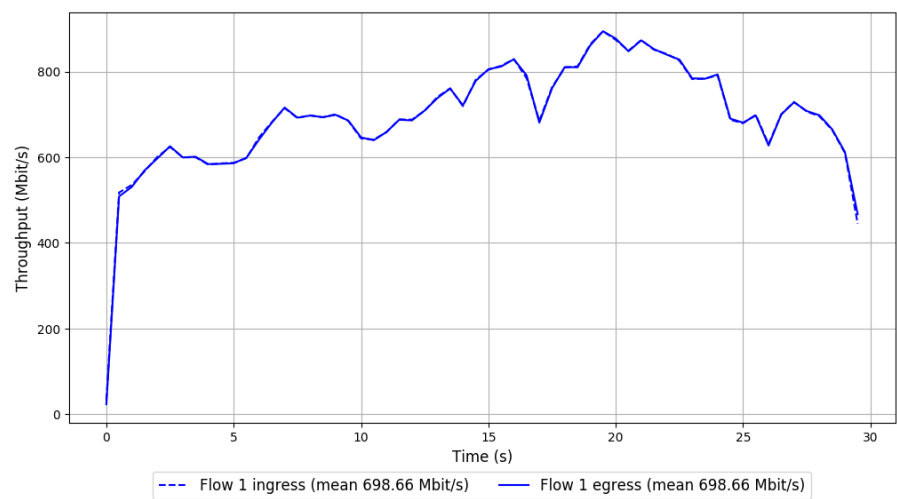


Run 10: Statistics of PCC

Start at: 2017-09-03 07:33:58  
End at: 2017-09-03 07:34:28  
Local clock offset: -0.575 ms  
Remote clock offset: -1.028 ms

# Below is generated by plot.py at 2017-09-03 10:19:17  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 698.66 Mbit/s  
95th percentile per-packet one-way delay: 20.067 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 698.66 Mbit/s  
95th percentile per-packet one-way delay: 20.067 ms  
Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-09-03 04:26:54

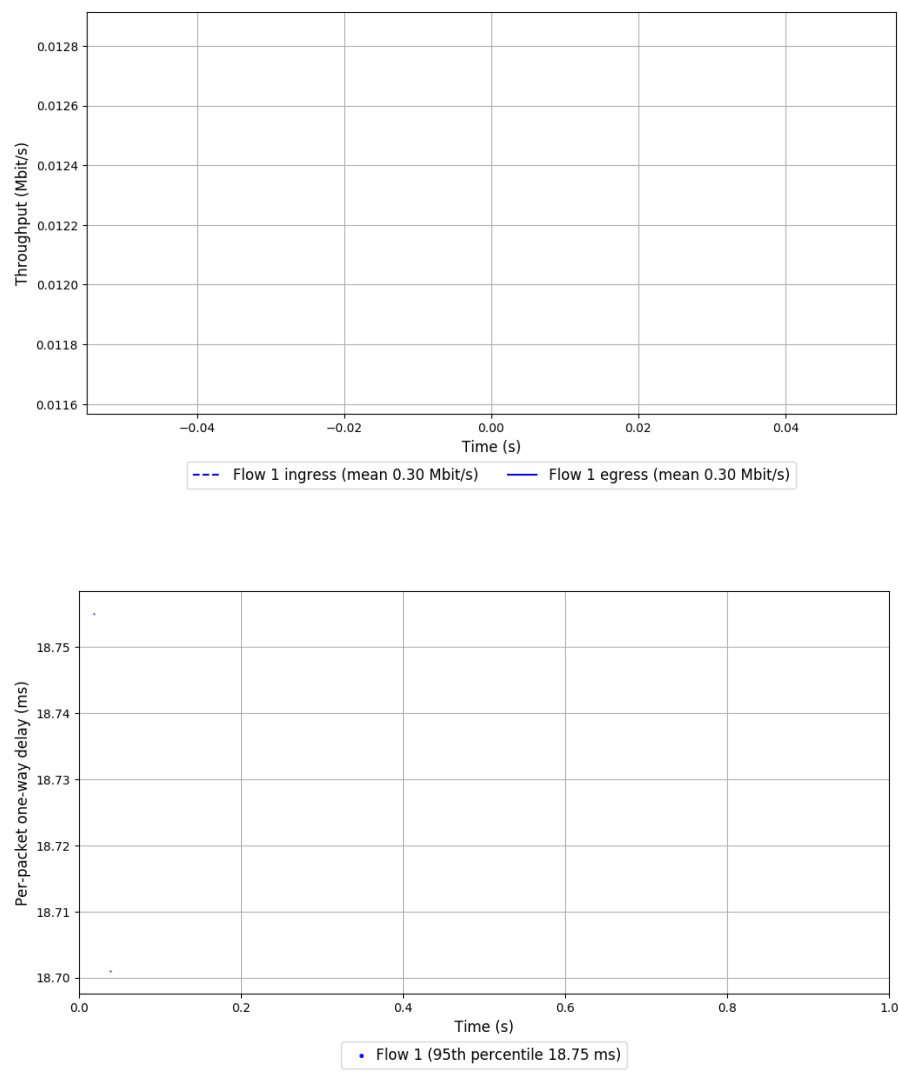
End at: 2017-09-03 04:27:24

Local clock offset: -0.309 ms

Remote clock offset: -1.048 ms



Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-09-03 04:47:08

End at: 2017-09-03 04:47:38

Local clock offset: 0.301 ms

Remote clock offset: -0.585 ms

# Below is generated by plot.py at 2017-09-03 10:19:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 72.56 Mbit/s

95th percentile per-packet one-way delay: 18.782 ms

Loss rate: 0.01%

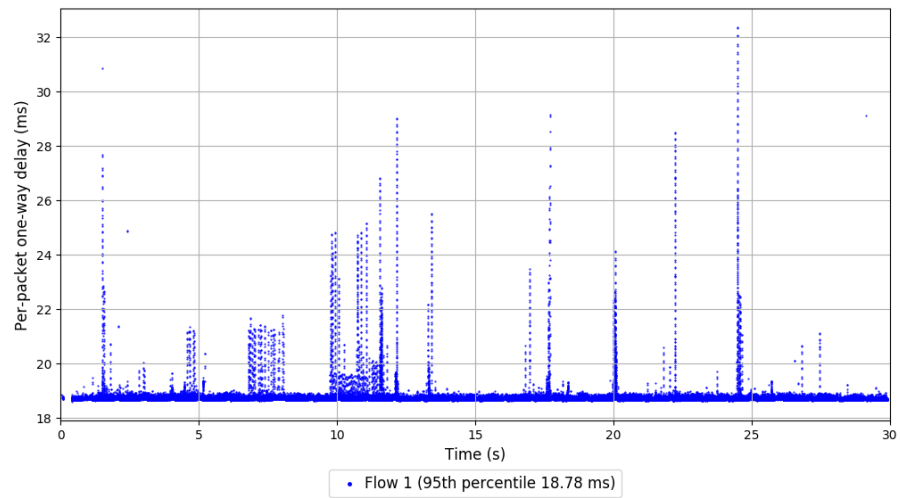
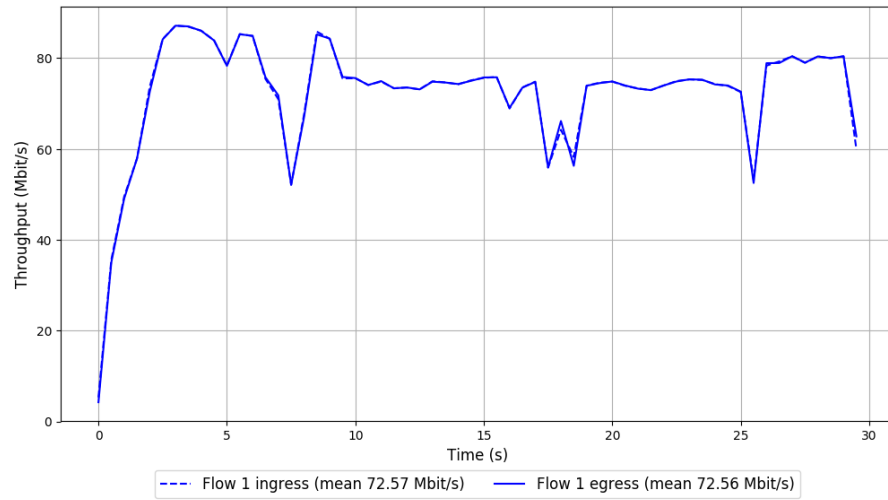
-- Flow 1:

Average throughput: 72.56 Mbit/s

95th percentile per-packet one-way delay: 18.782 ms

Loss rate: 0.01%

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



Run 3: Statistics of QUIC Cubic

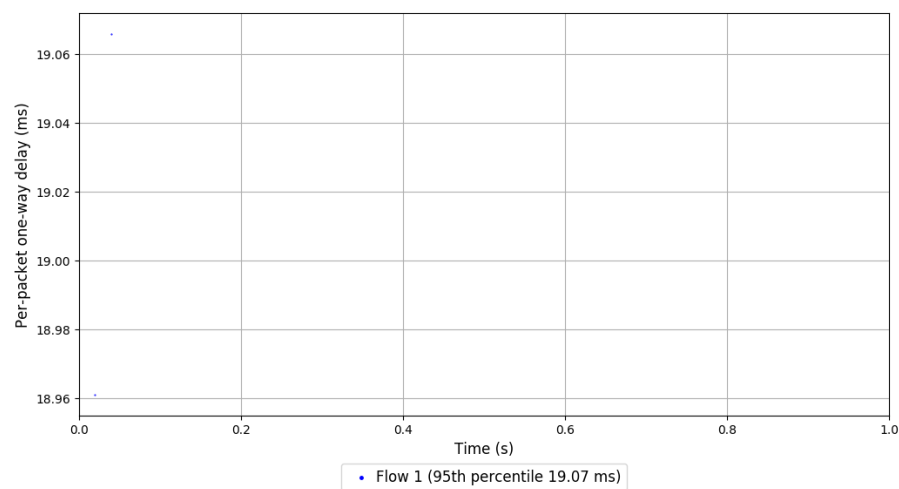
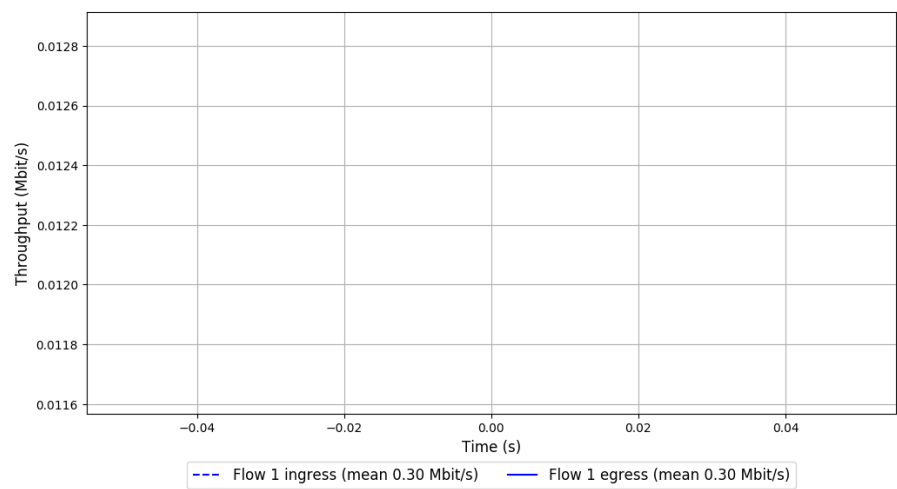
Start at: 2017-09-03 05:07:25

End at: 2017-09-03 05:07:55

Local clock offset: 0.327 ms

Remote clock offset: -0.665 ms

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

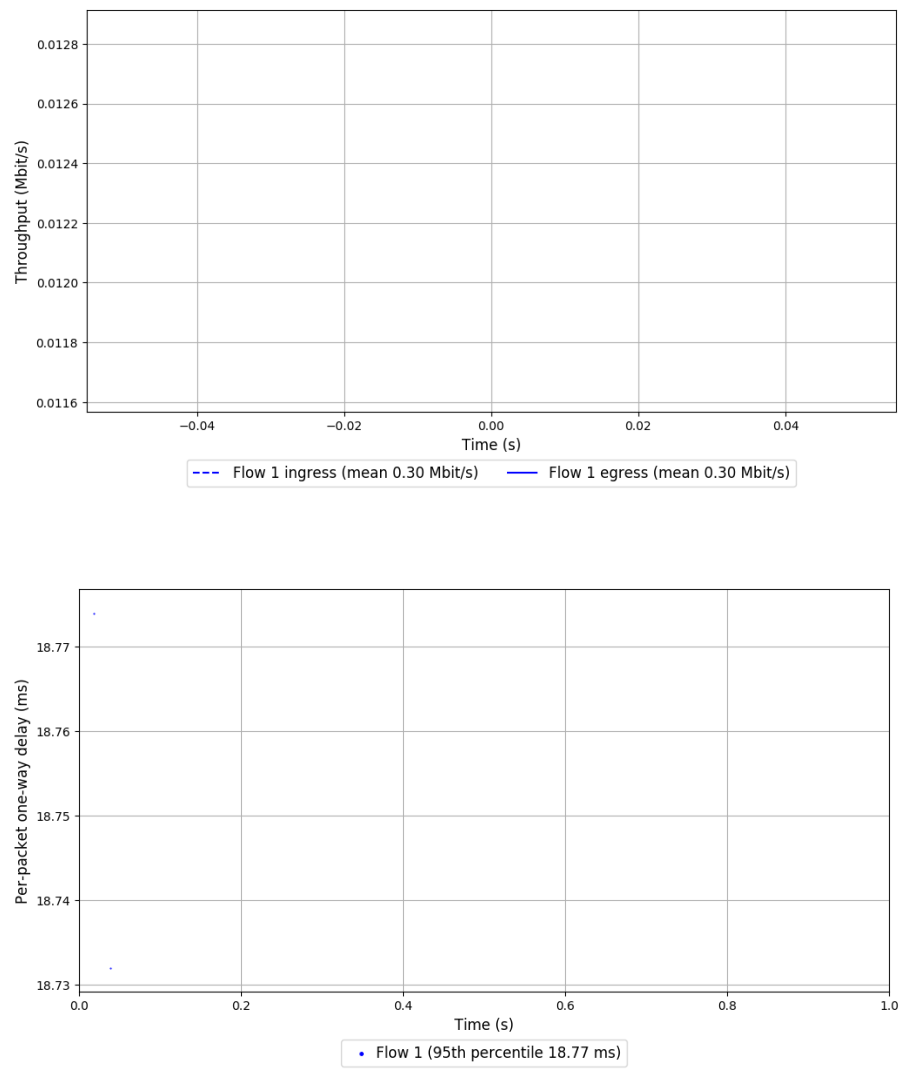
Start at: 2017-09-03 05:27:37

End at: 2017-09-03 05:28:07

Local clock offset: 0.248 ms

Remote clock offset: -0.698 ms

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-03 05:47:50

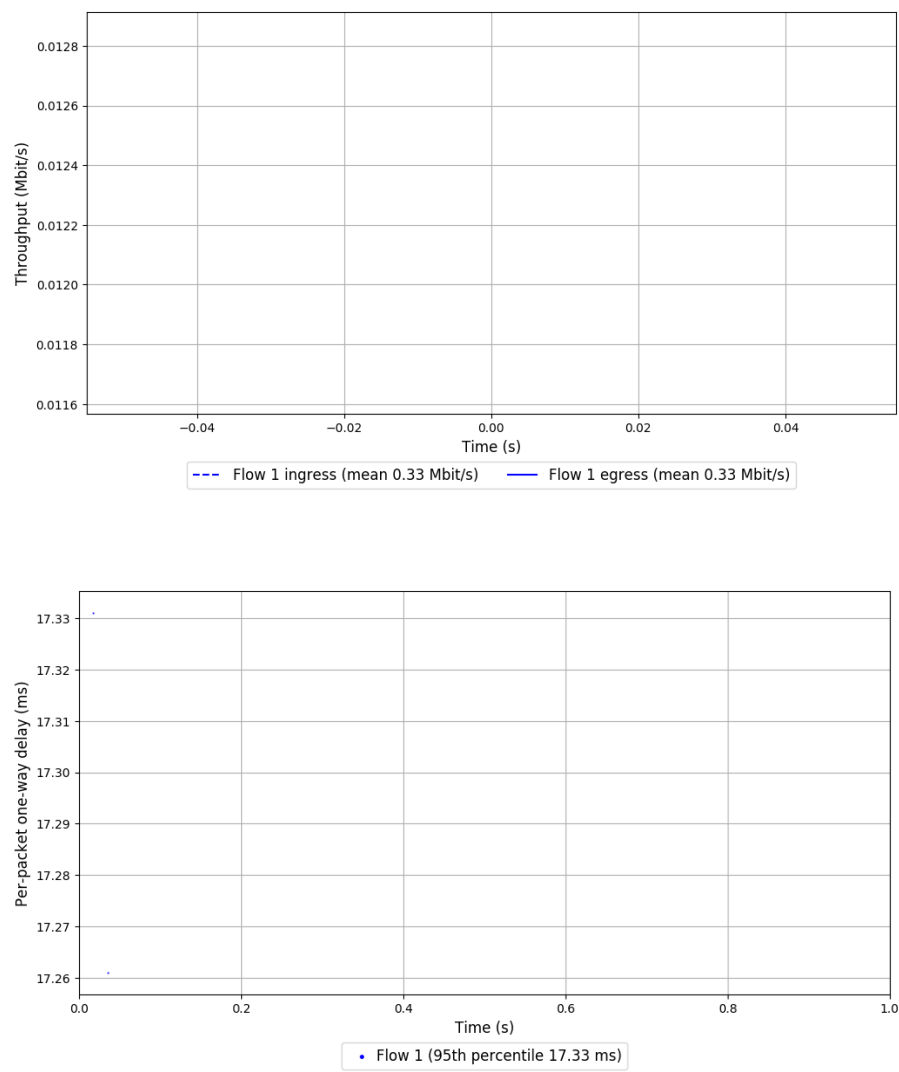
End at: 2017-09-03 05:48:20

Local clock offset: 0.153 ms

Remote clock offset: -0.686 ms



Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-03 06:07:56

End at: 2017-09-03 06:08:26

Local clock offset: 0.113 ms

Remote clock offset: -0.335 ms

# Below is generated by plot.py at 2017-09-03 10:19:17

# Datalink statistics

-- Total of 1 flow:

Average throughput: 75.00 Mbit/s

95th percentile per-packet one-way delay: 18.822 ms

Loss rate: 0.00%

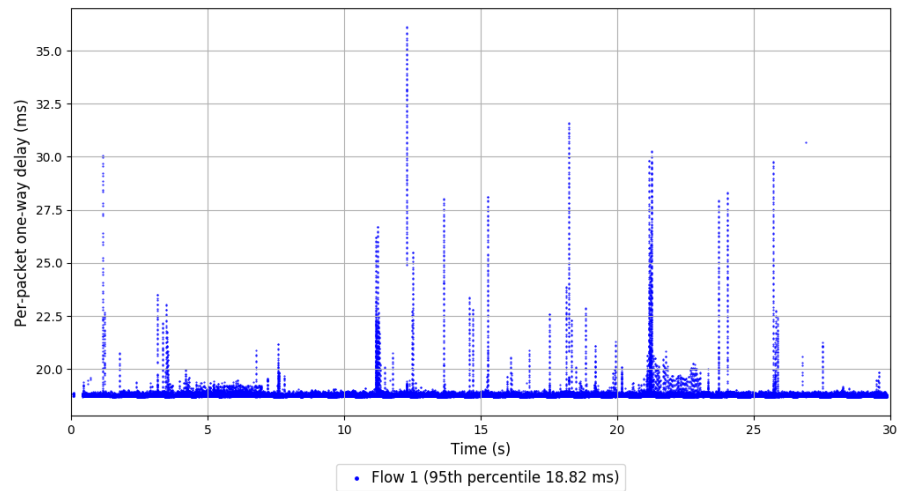
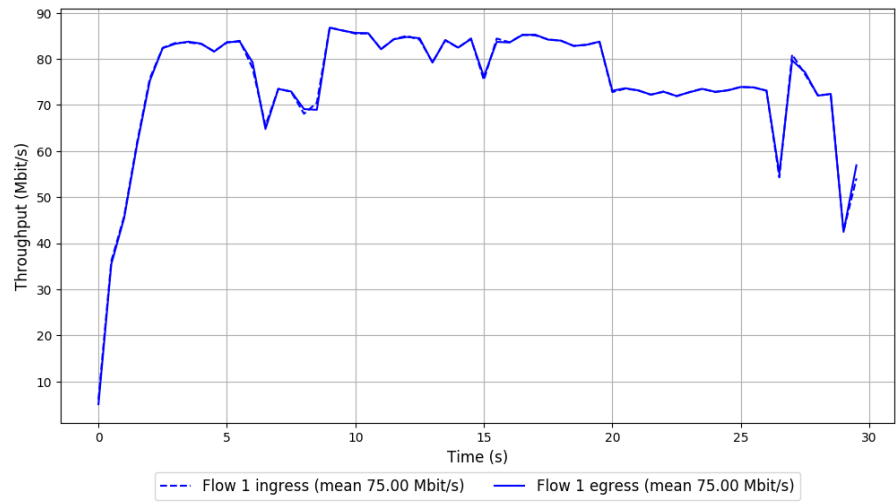
-- Flow 1:

Average throughput: 75.00 Mbit/s

95th percentile per-packet one-way delay: 18.822 ms

Loss rate: 0.00%

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



Run 7: Statistics of QUIC Cubic

Start at: 2017-09-03 06:27:46

End at: 2017-09-03 06:28:16

Local clock offset: -0.01 ms

Remote clock offset: -0.426 ms

# Below is generated by plot.py at 2017-09-03 10:19:18

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 18.795 ms

Loss rate: 0.00%

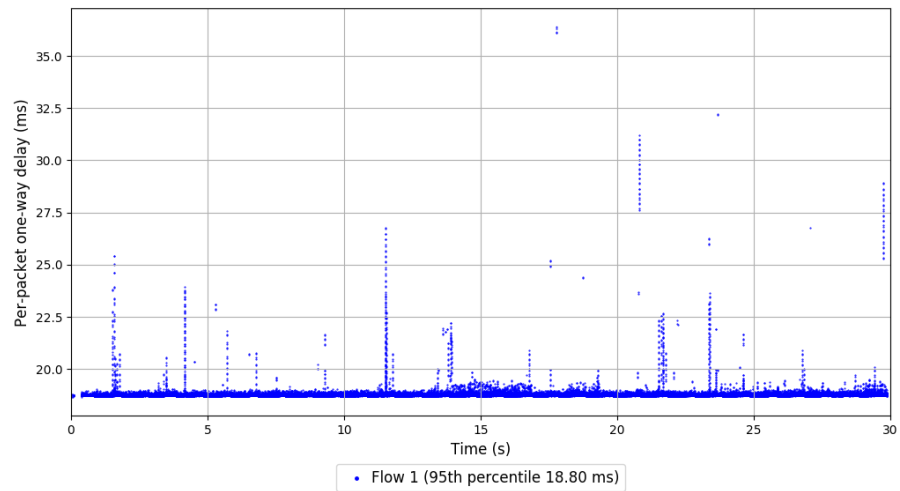
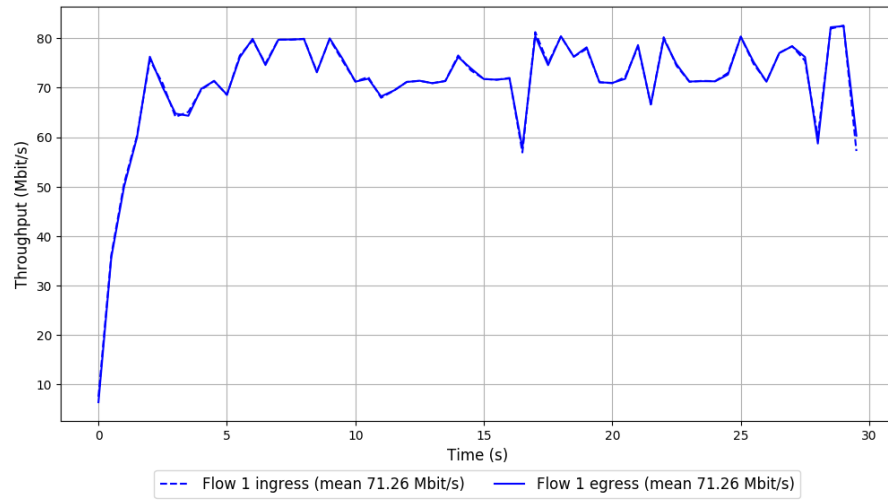
-- Flow 1:

Average throughput: 71.26 Mbit/s

95th percentile per-packet one-way delay: 18.795 ms

Loss rate: 0.00%

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

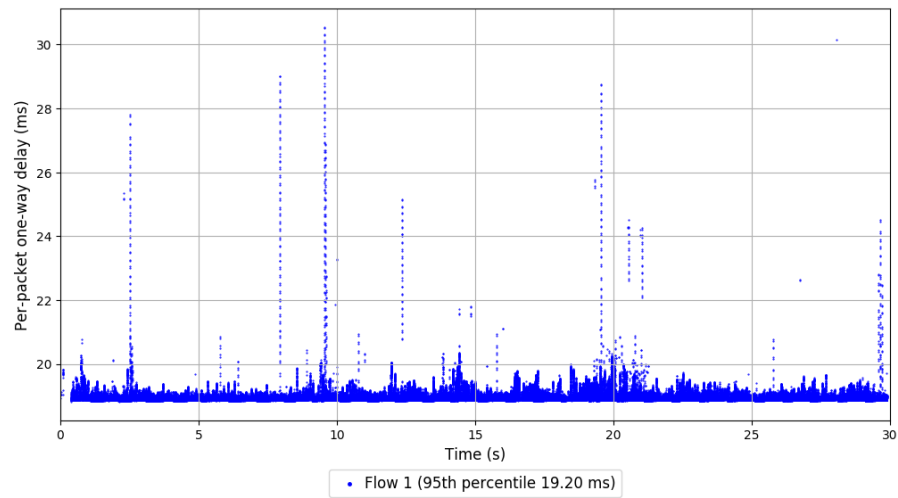
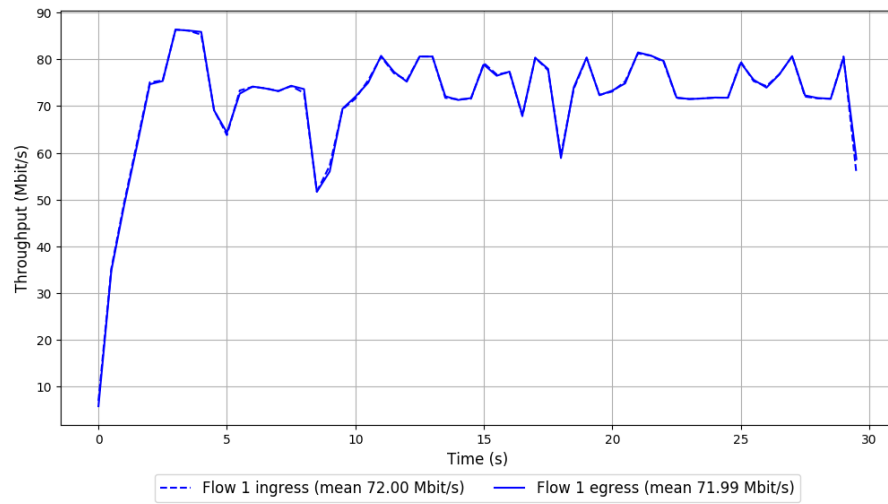


Run 8: Statistics of QUIC Cubic

Start at: 2017-09-03 06:48:18  
End at: 2017-09-03 06:48:48  
Local clock offset: -0.171 ms  
Remote clock offset: -0.664 ms

# Below is generated by plot.py at 2017-09-03 10:19:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 71.99 Mbit/s  
95th percentile per-packet one-way delay: 19.202 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 71.99 Mbit/s  
95th percentile per-packet one-way delay: 19.202 ms  
Loss rate: 0.00%

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



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-03 07:08:24

End at: 2017-09-03 07:08:54

Local clock offset: -0.403 ms

Remote clock offset: -0.752 ms

# Below is generated by plot.py at 2017-09-03 10:19:29

# Datalink statistics

-- Total of 1 flow:

Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 18.802 ms

Loss rate: 0.00%

-- Flow 1:

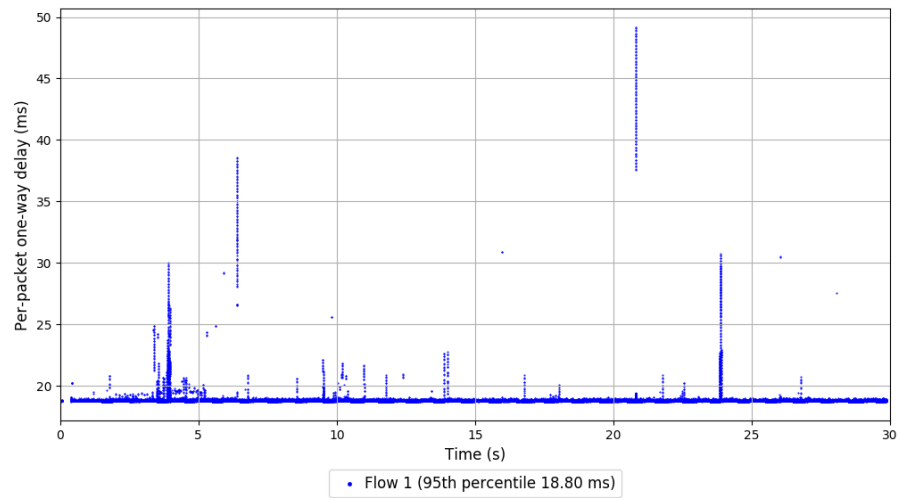
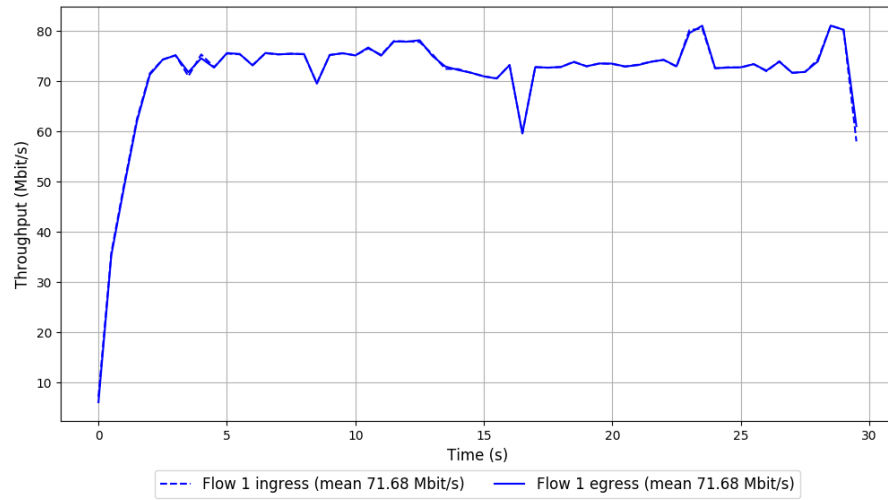
Average throughput: 71.68 Mbit/s

95th percentile per-packet one-way delay: 18.802 ms

Loss rate: 0.00%



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



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-03 07:28:27

End at: 2017-09-03 07:28:57

Local clock offset: -0.529 ms

Remote clock offset: -0.968 ms

# Below is generated by plot.py at 2017-09-03 10:19:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 70.50 Mbit/s

95th percentile per-packet one-way delay: 19.007 ms

Loss rate: 0.00%

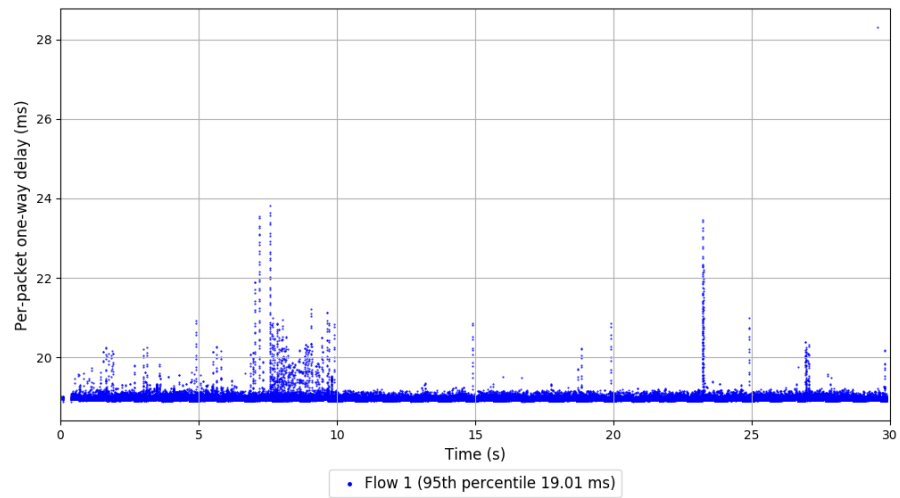
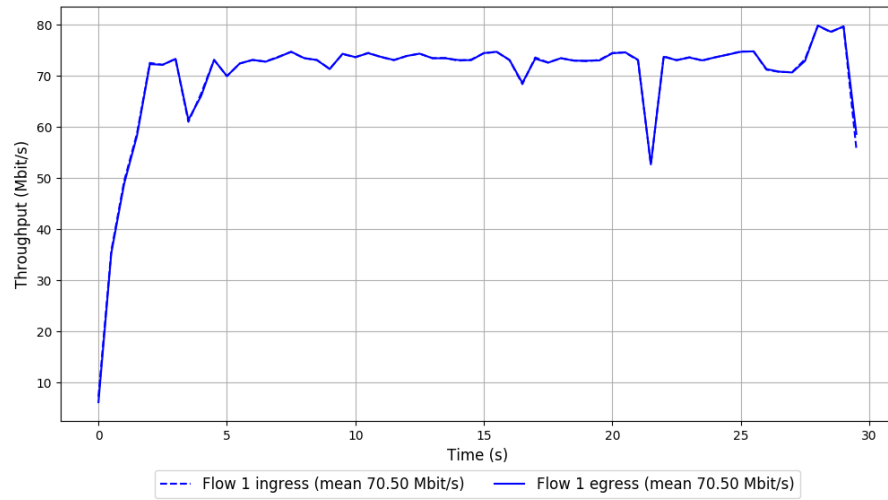
-- Flow 1:

Average throughput: 70.50 Mbit/s

95th percentile per-packet one-way delay: 19.007 ms

Loss rate: 0.00%

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

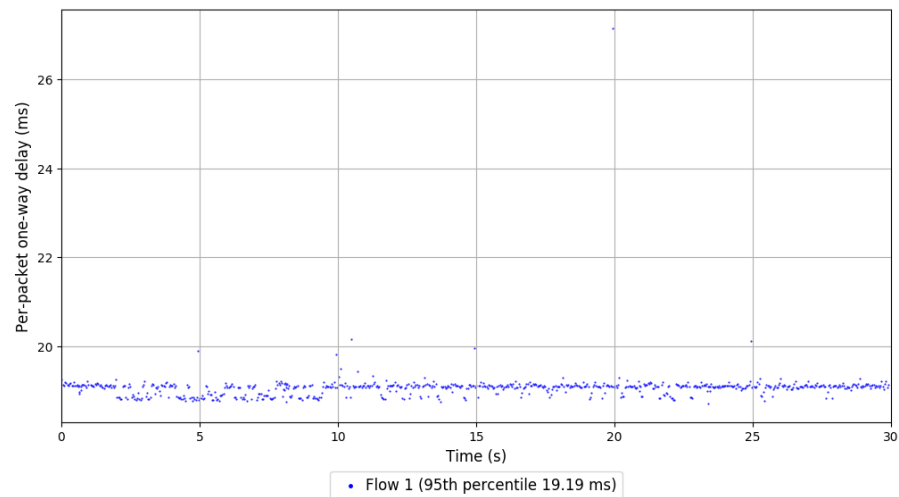
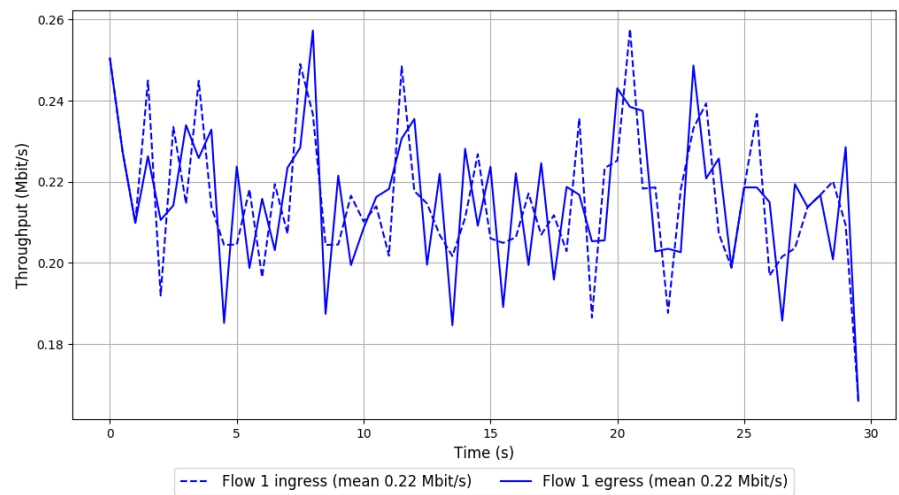


Run 1: Statistics of SCReAM

Start at: 2017-09-03 04:35:04  
End at: 2017-09-03 04:35:34  
Local clock offset: -0.021 ms  
Remote clock offset: -0.855 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.193 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.193 ms  
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-09-03 04:55:34

End at: 2017-09-03 04:56:04

Local clock offset: 0.28 ms

Remote clock offset: -0.55 ms

# Below is generated by plot.py at 2017-09-03 10:19:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.378 ms

Loss rate: 0.00%

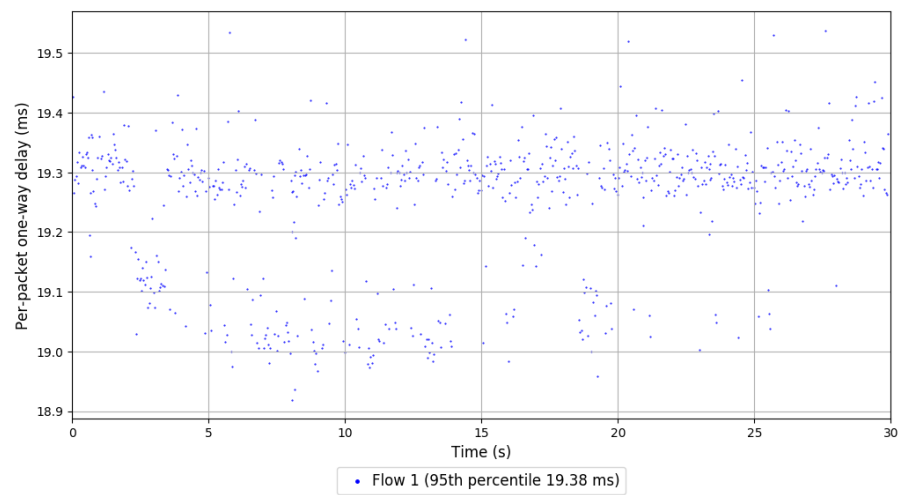
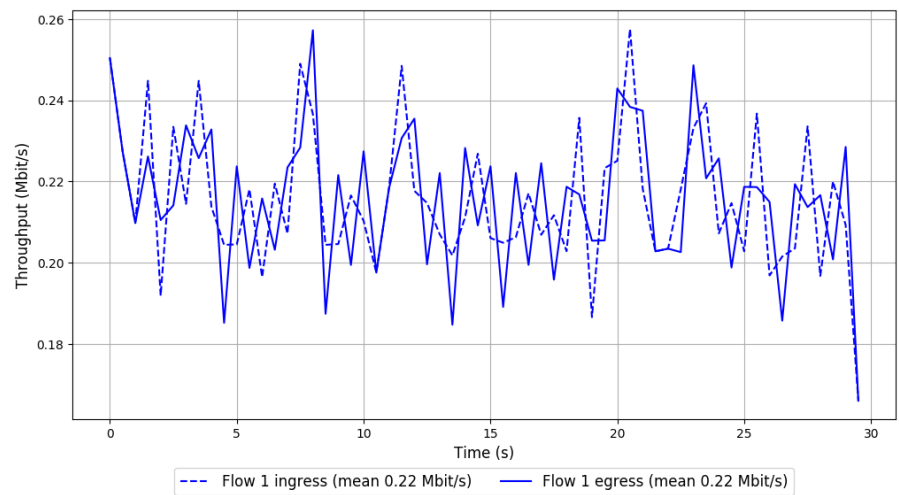
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.378 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



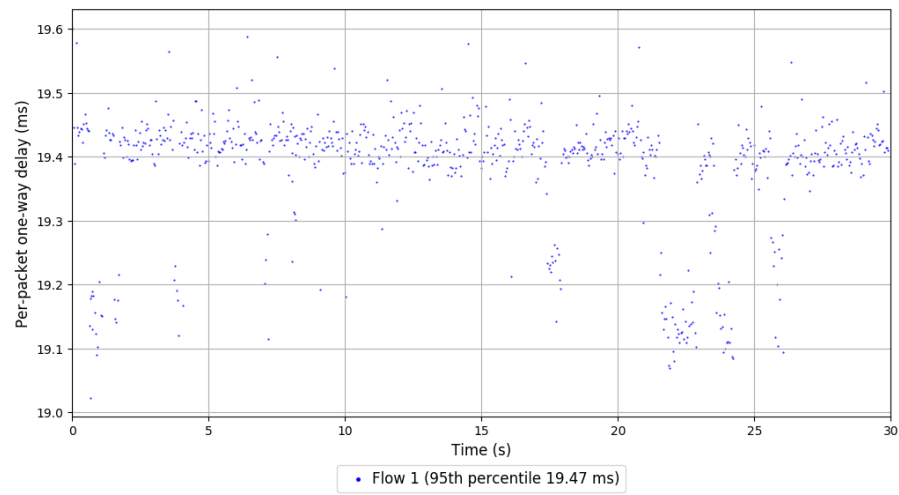
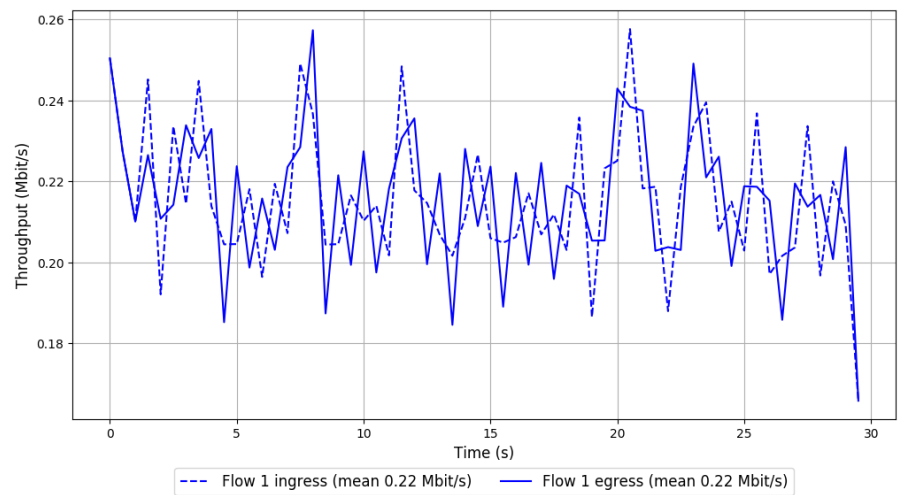
Run 3: Statistics of SCReAM

Start at: 2017-09-03 05:15:48  
End at: 2017-09-03 05:16:18  
Local clock offset: 0.254 ms  
Remote clock offset: -0.749 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.470 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.470 ms  
Loss rate: 0.00%



Run 3: Report of SReAM — Data Link

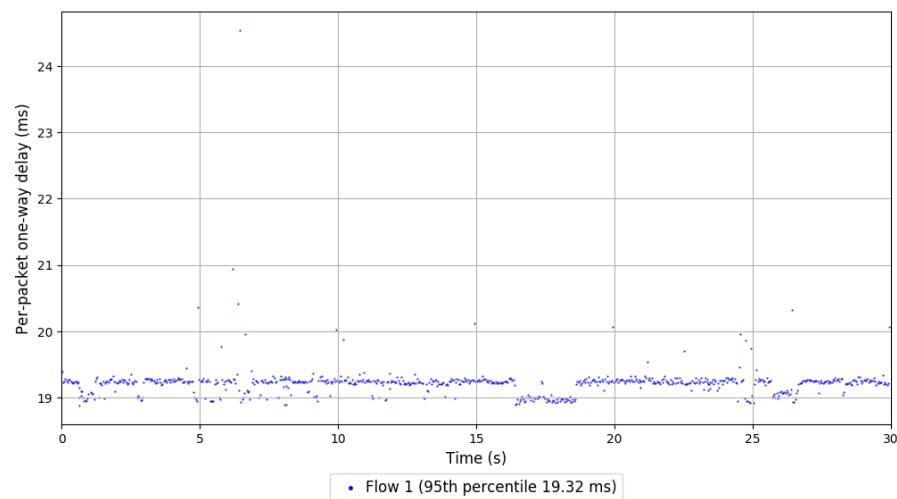
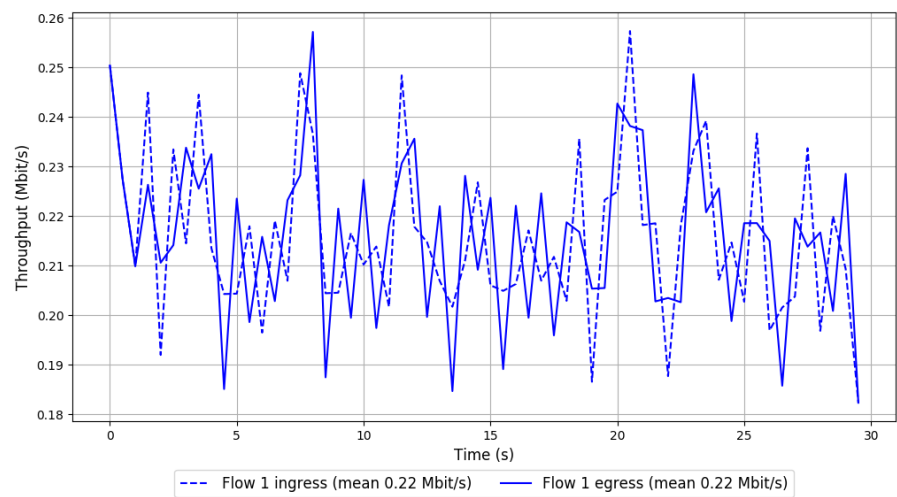


Run 4: Statistics of SCReAM

Start at: 2017-09-03 05:36:01  
End at: 2017-09-03 05:36:31  
Local clock offset: 0.171 ms  
Remote clock offset: -0.736 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.318 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.318 ms  
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

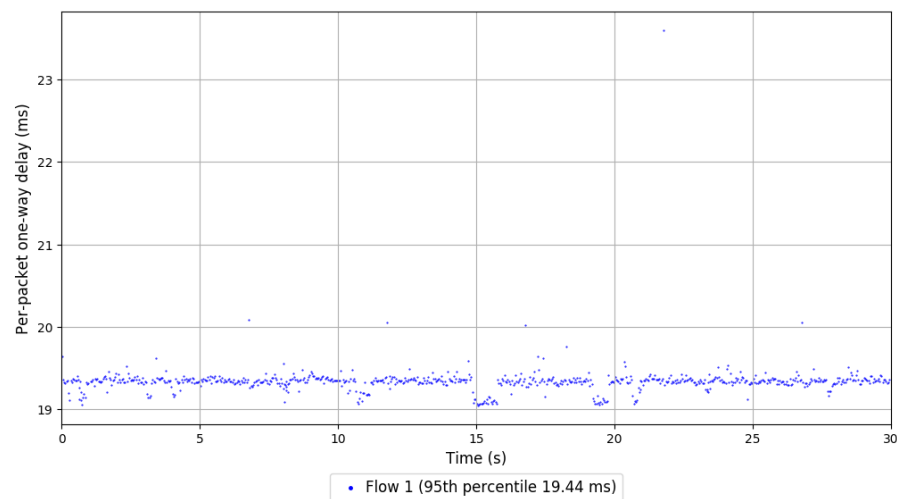
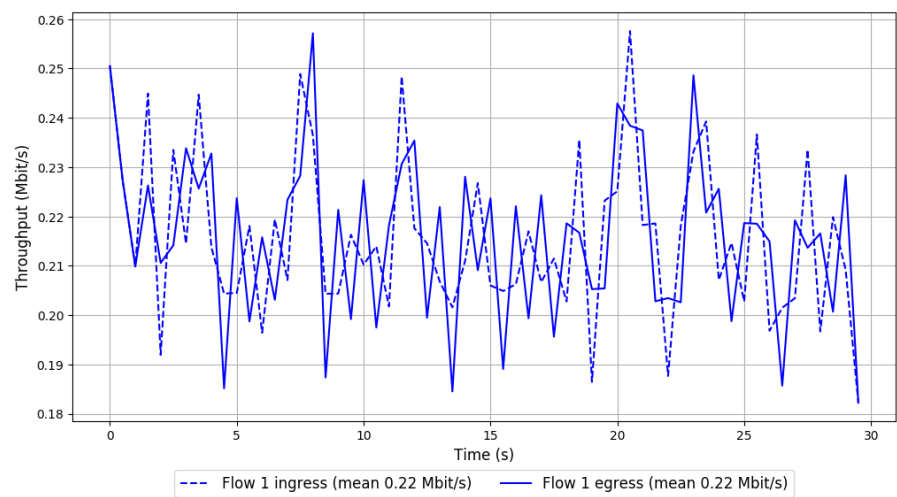


Run 5: Statistics of SCReAM

Start at: 2017-09-03 05:56:07  
End at: 2017-09-03 05:56:37  
Local clock offset: 0.001 ms  
Remote clock offset: -0.566 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.442 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.442 ms  
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-09-03 06:15:57

End at: 2017-09-03 06:16:27

Local clock offset: -0.028 ms

Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2017-09-03 10:19:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.356 ms

Loss rate: 0.00%

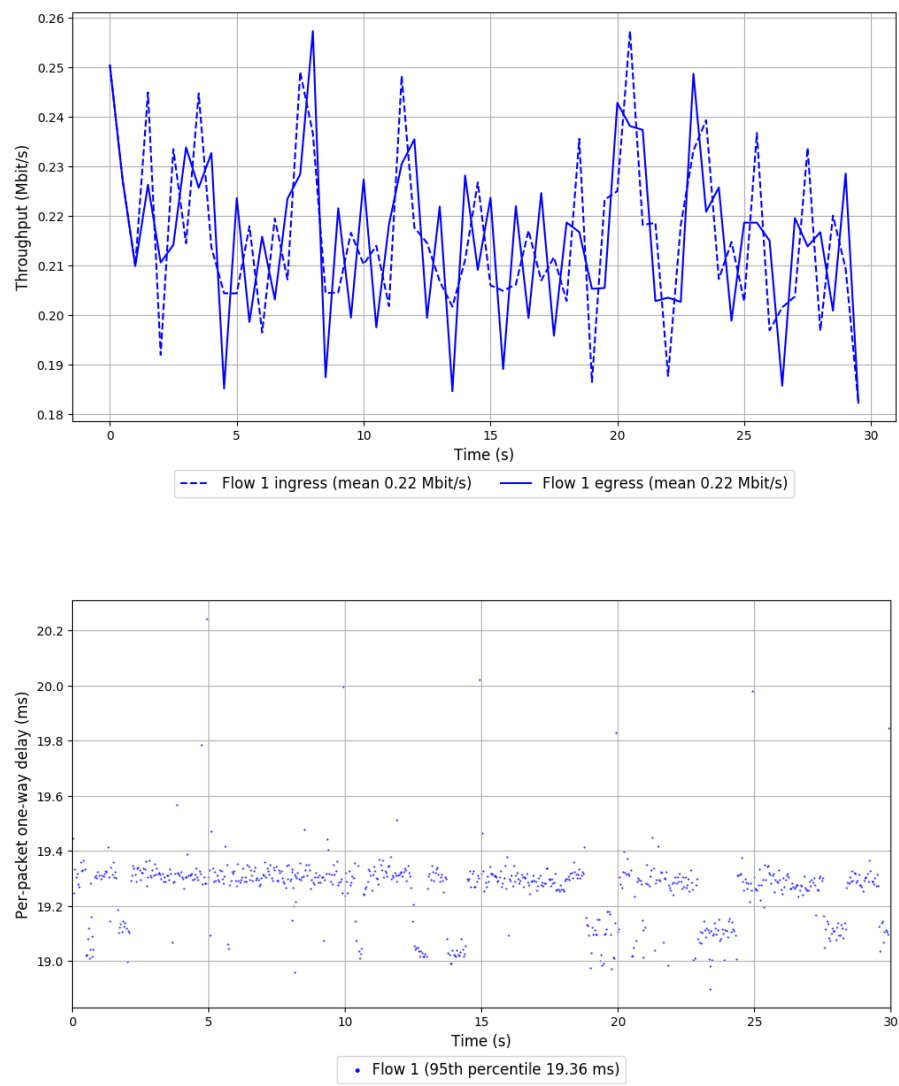
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.356 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



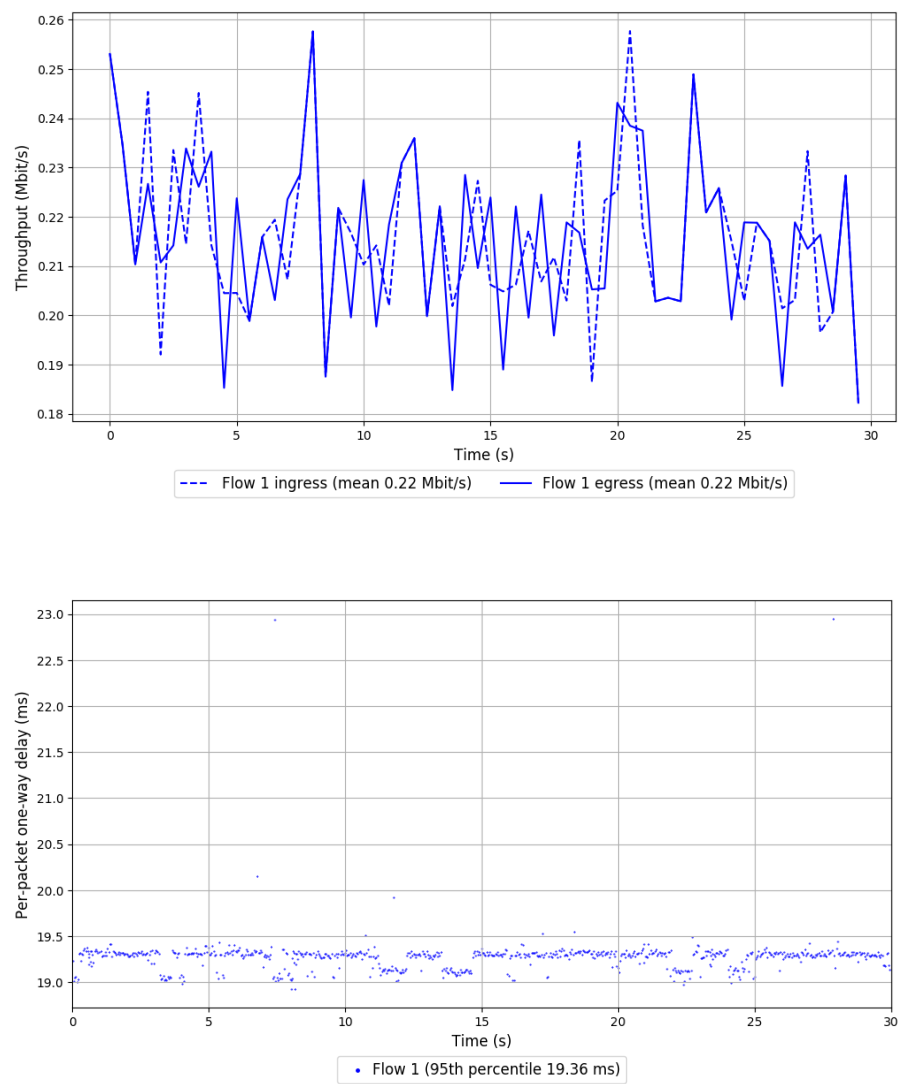
Run 7: Statistics of SCReAM

Start at: 2017-09-03 06:36:11  
End at: 2017-09-03 06:36:41  
Local clock offset: -0.077 ms  
Remote clock offset: -0.467 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.358 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 19.358 ms  
Loss rate: 0.00%



Run 7: Report of SReAM — Data Link

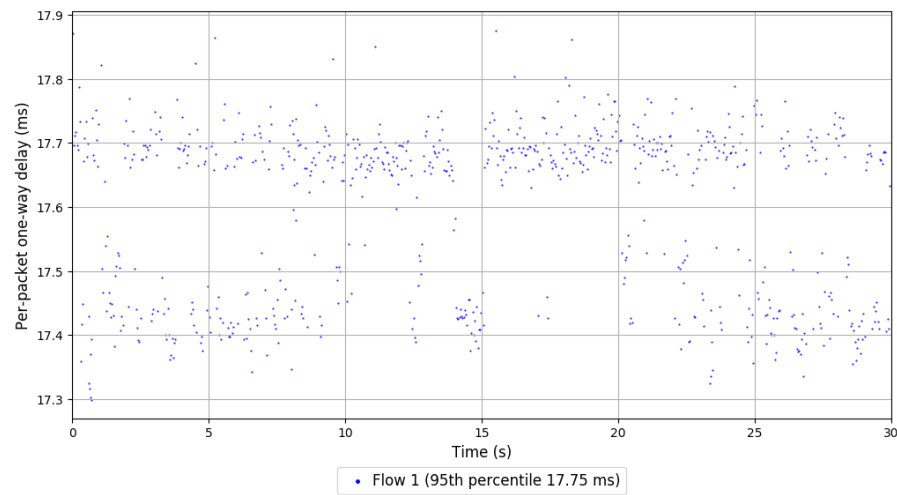
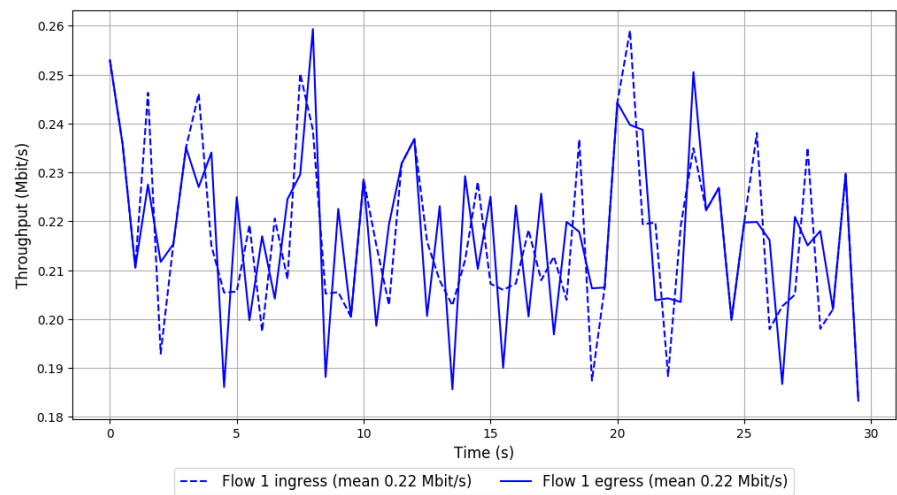


Run 8: Statistics of SReAM

Start at: 2017-09-03 06:56:28  
End at: 2017-09-03 06:56:58  
Local clock offset: -0.333 ms  
Remote clock offset: -0.536 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 17.747 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 17.747 ms  
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

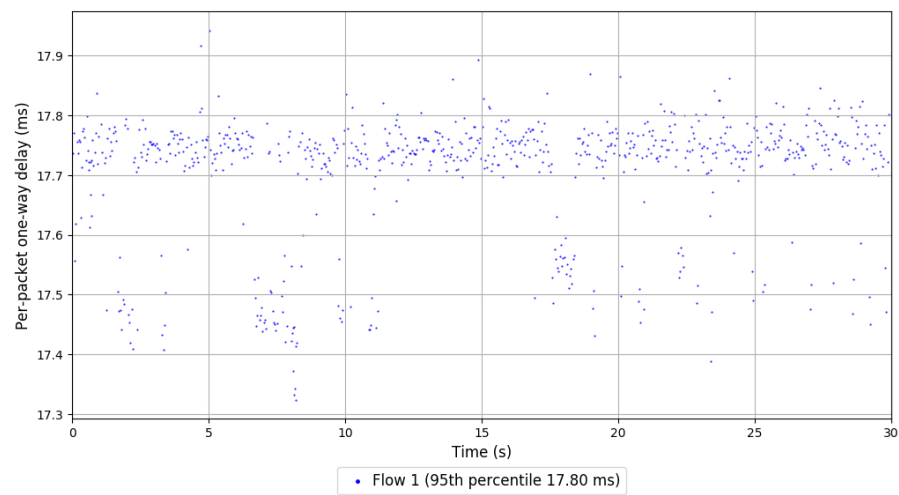
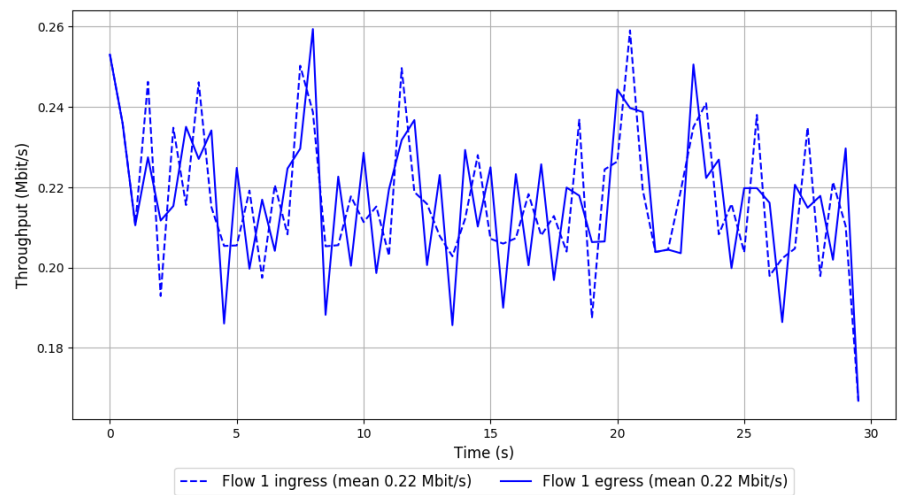


Run 9: Statistics of SReAM

Start at: 2017-09-03 07:16:29  
End at: 2017-09-03 07:16:59  
Local clock offset: -0.561 ms  
Remote clock offset: -0.885 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 17.802 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 0.22 Mbit/s  
95th percentile per-packet one-way delay: 17.802 ms  
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-09-03 07:37:03

End at: 2017-09-03 07:37:33

Local clock offset: -0.69 ms

Remote clock offset: -0.931 ms

# Below is generated by plot.py at 2017-09-03 10:19:44

# Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.469 ms

Loss rate: 0.00%

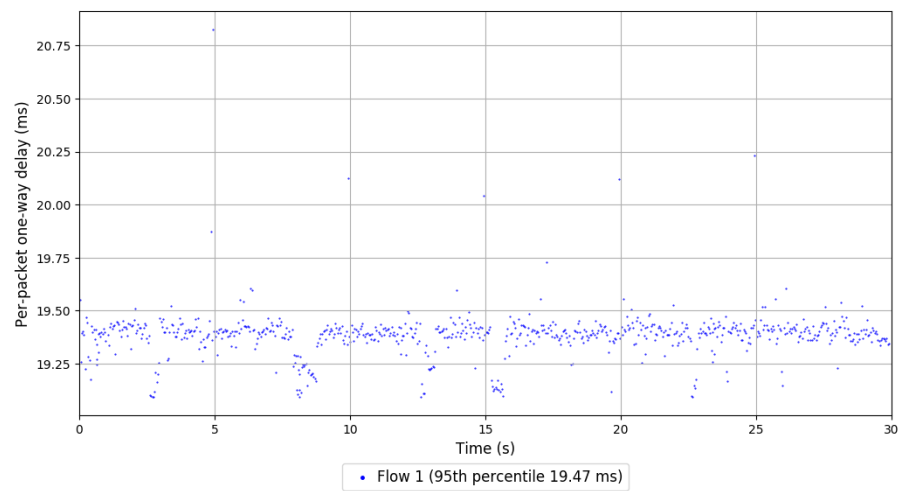
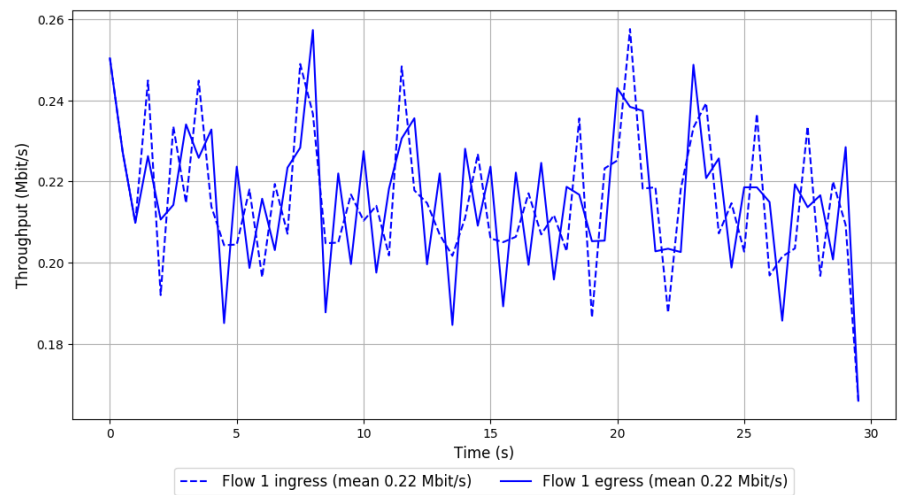
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.469 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



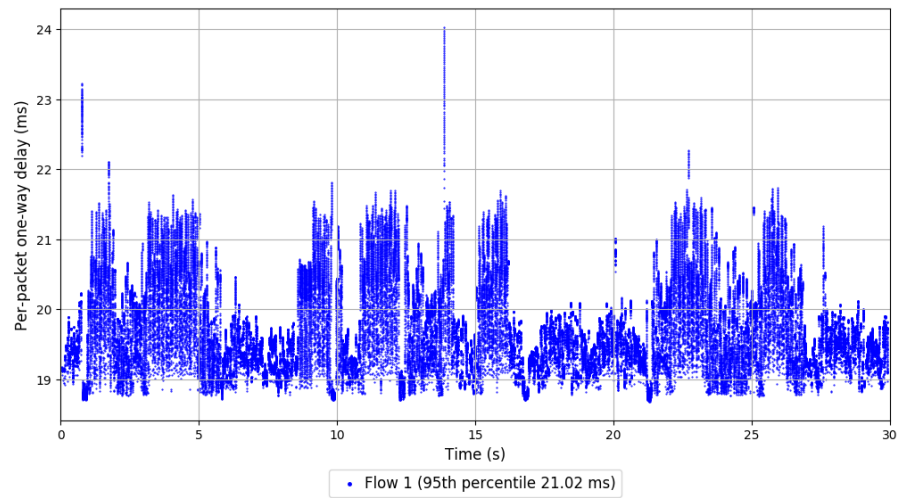
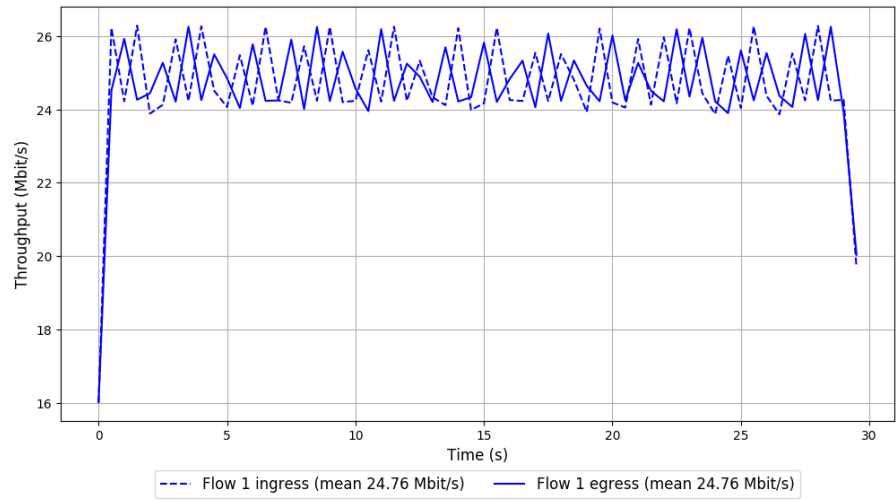
Run 1: Statistics of Sprout

Start at: 2017-09-03 04:37:49  
End at: 2017-09-03 04:38:19  
Local clock offset: -0.003 ms  
Remote clock offset: -0.878 ms

# Below is generated by plot.py at 2017-09-03 10:19:44  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.76 Mbit/s  
95th percentile per-packet one-way delay: 21.016 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.76 Mbit/s  
95th percentile per-packet one-way delay: 21.016 ms  
Loss rate: 0.00%



# Run 1: Report of Sprout — Data Link

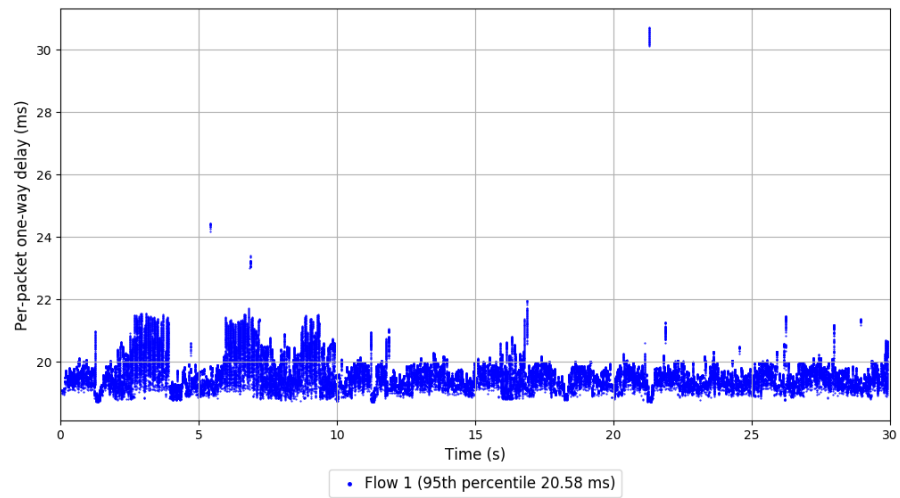
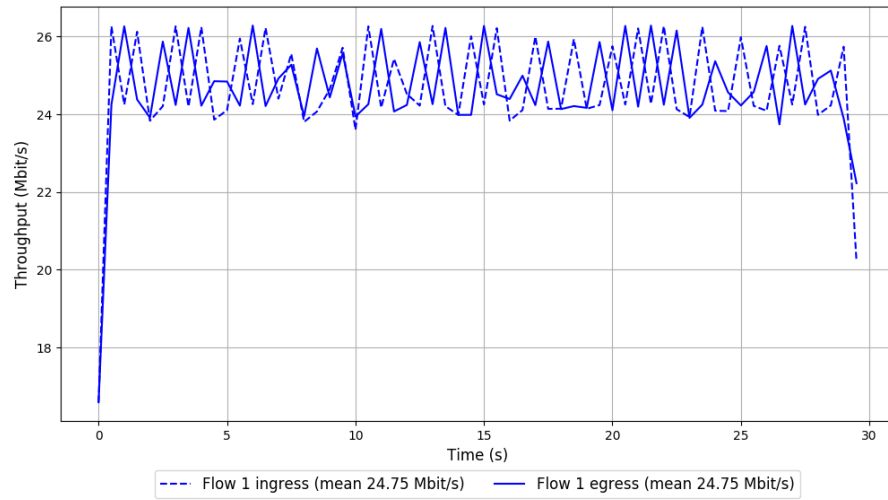


Run 2: Statistics of Sprout

Start at: 2017-09-03 04:58:18  
End at: 2017-09-03 04:58:48  
Local clock offset: 0.272 ms  
Remote clock offset: -0.597 ms

# Below is generated by plot.py at 2017-09-03 10:19:45  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.75 Mbit/s  
95th percentile per-packet one-way delay: 20.576 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.75 Mbit/s  
95th percentile per-packet one-way delay: 20.576 ms  
Loss rate: 0.00%

## Run 2: Report of Sprout — Data Link

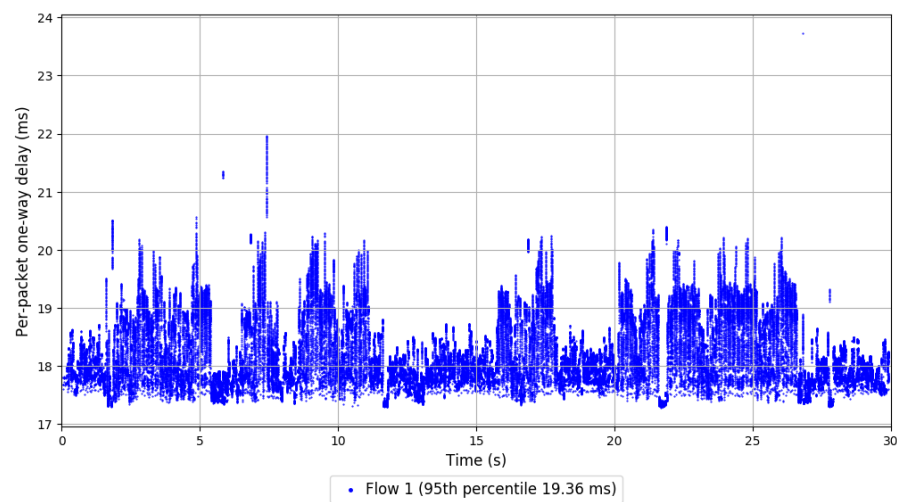
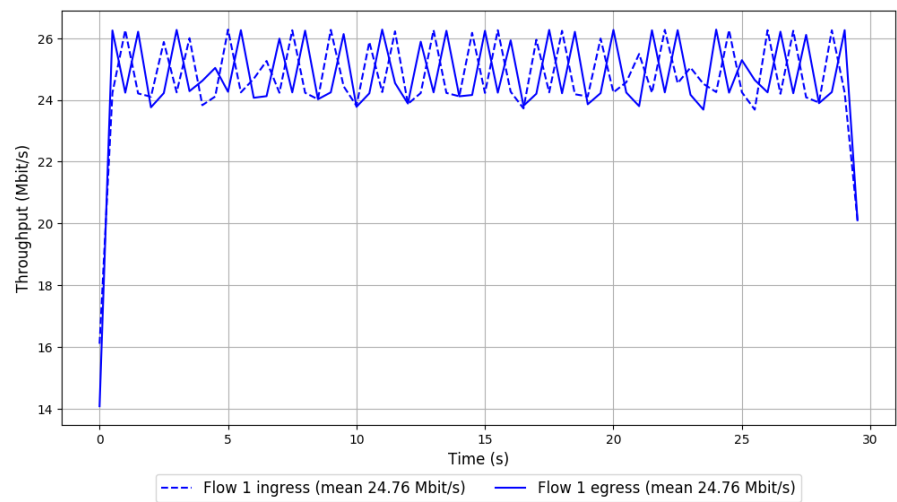


Run 3: Statistics of Sprout

Start at: 2017-09-03 05:18:28  
End at: 2017-09-03 05:18:58  
Local clock offset: 0.244 ms  
Remote clock offset: -0.833 ms

# Below is generated by plot.py at 2017-09-03 10:19:49  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.76 Mbit/s  
95th percentile per-packet one-way delay: 19.357 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.76 Mbit/s  
95th percentile per-packet one-way delay: 19.357 ms  
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-09-03 05:38:44

End at: 2017-09-03 05:39:14

Local clock offset: 0.153 ms

Remote clock offset: -0.73 ms

# Below is generated by plot.py at 2017-09-03 10:19:49

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.77 Mbit/s

95th percentile per-packet one-way delay: 20.800 ms

Loss rate: 0.00%

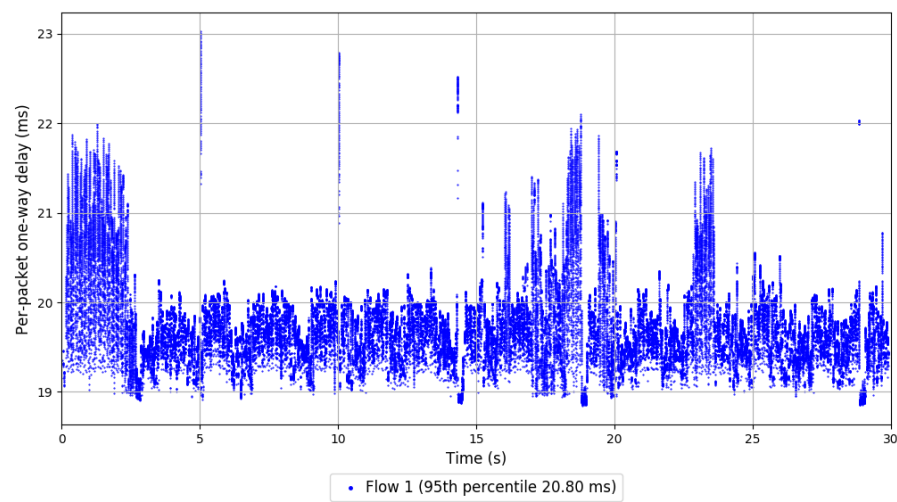
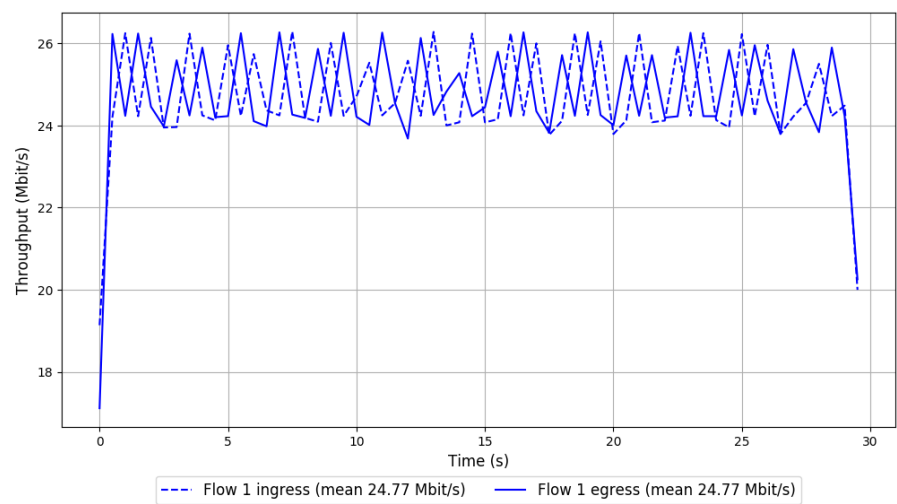
-- Flow 1:

Average throughput: 24.77 Mbit/s

95th percentile per-packet one-way delay: 20.800 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



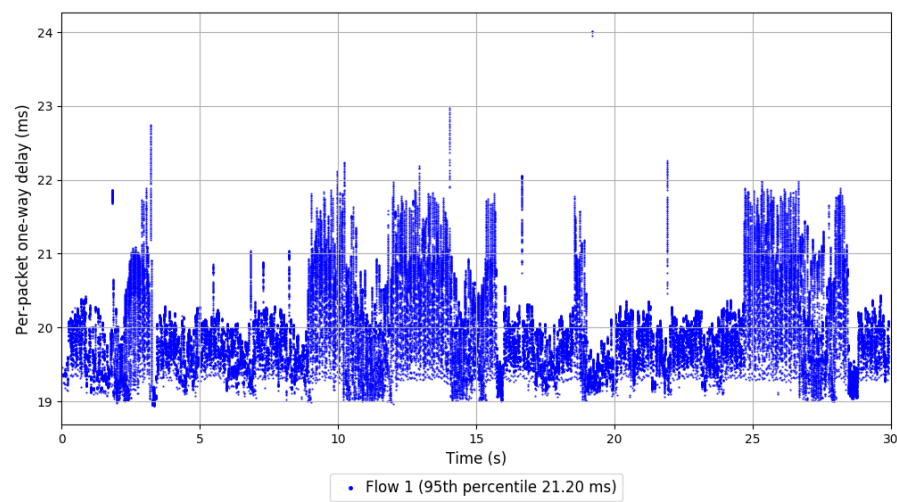
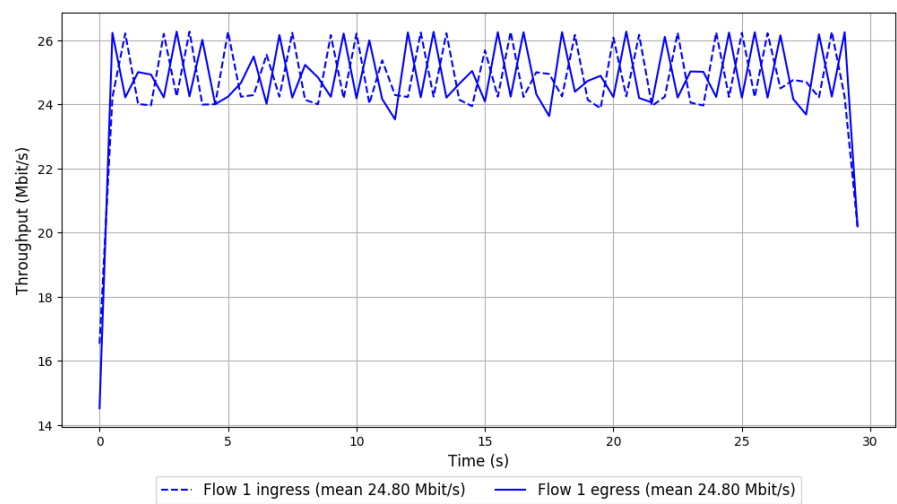
Run 5: Statistics of Sprout

Start at: 2017-09-03 05:58:52  
End at: 2017-09-03 05:59:22  
Local clock offset: 0.059 ms  
Remote clock offset: -0.524 ms

# Below is generated by plot.py at 2017-09-03 10:19:53  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.80 Mbit/s  
95th percentile per-packet one-way delay: 21.204 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.80 Mbit/s  
95th percentile per-packet one-way delay: 21.204 ms  
Loss rate: 0.00%



Run 5: Report of Sprout — Data Link

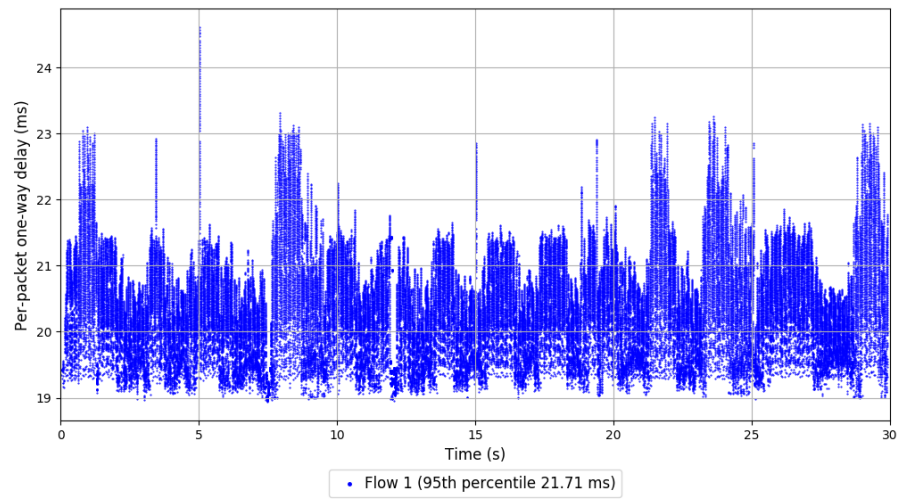
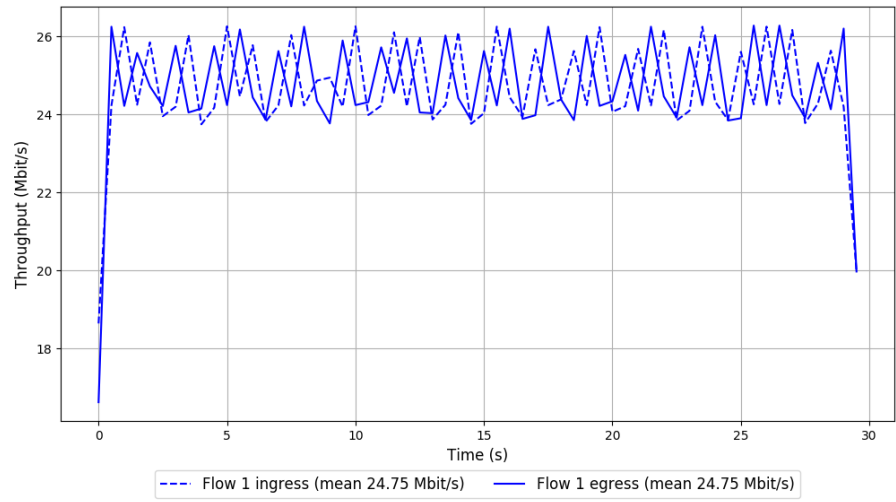


Run 6: Statistics of Sprout

Start at: 2017-09-03 06:18:40  
End at: 2017-09-03 06:19:10  
Local clock offset: 0.064 ms  
Remote clock offset: -0.223 ms

# Below is generated by plot.py at 2017-09-03 10:19:54  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.75 Mbit/s  
95th percentile per-packet one-way delay: 21.708 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.75 Mbit/s  
95th percentile per-packet one-way delay: 21.708 ms  
Loss rate: 0.00%

## Run 6: Report of Sprout — Data Link

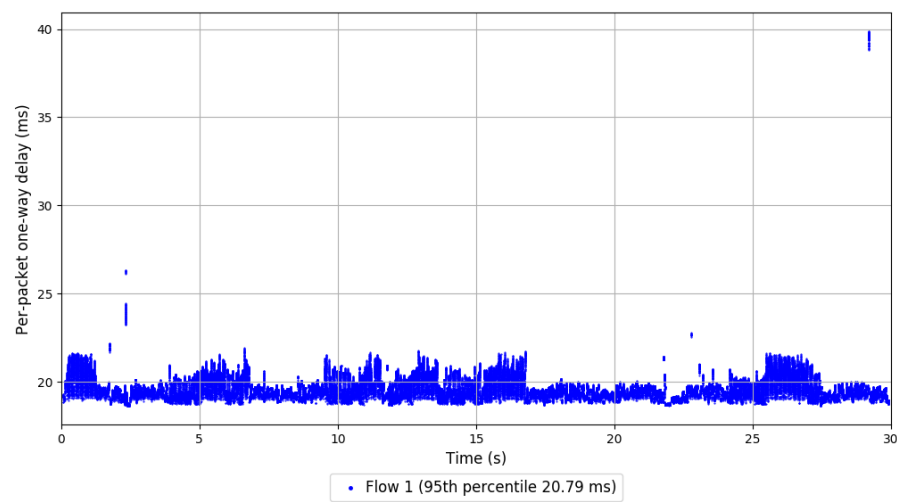
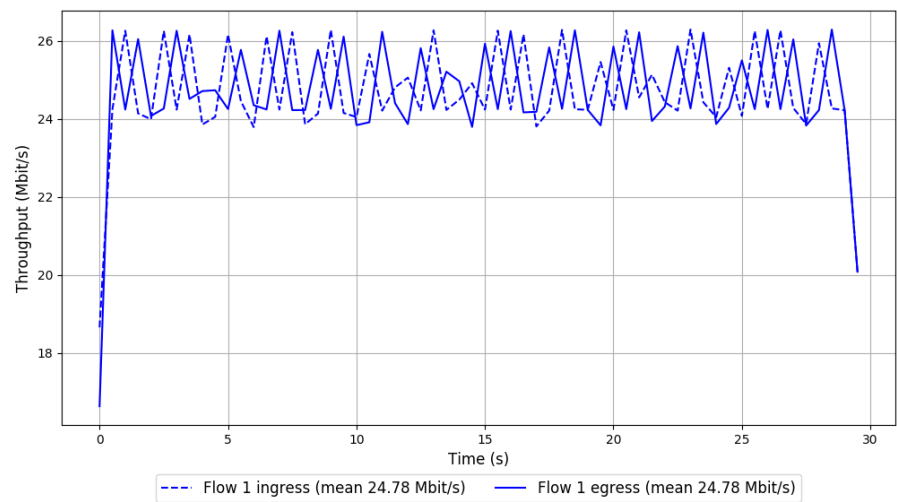


Run 7: Statistics of Sprout

Start at: 2017-09-03 06:38:56  
End at: 2017-09-03 06:39:26  
Local clock offset: -0.096 ms  
Remote clock offset: -0.524 ms

# Below is generated by plot.py at 2017-09-03 10:19:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.78 Mbit/s  
95th percentile per-packet one-way delay: 20.788 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.78 Mbit/s  
95th percentile per-packet one-way delay: 20.788 ms  
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

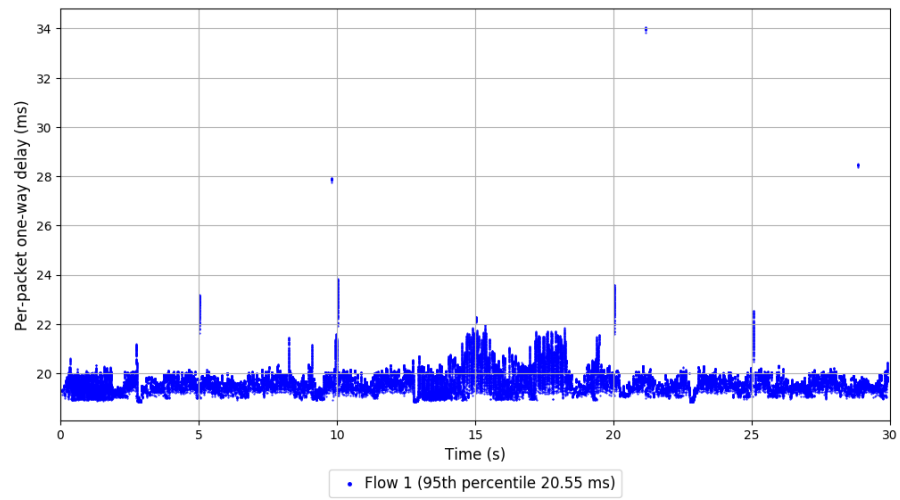
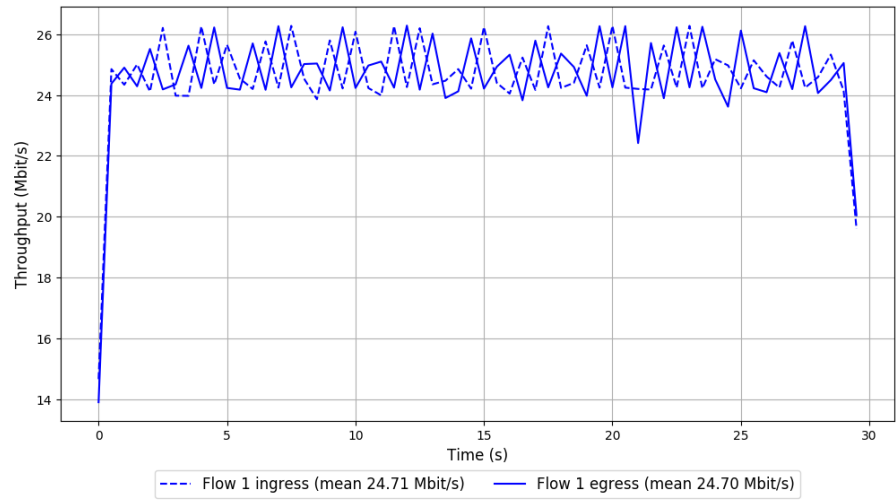


Run 8: Statistics of Sprout

Start at: 2017-09-03 06:59:15  
End at: 2017-09-03 06:59:45  
Local clock offset: -0.261 ms  
Remote clock offset: -0.653 ms

# Below is generated by plot.py at 2017-09-03 10:19:58  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 24.70 Mbit/s  
95th percentile per-packet one-way delay: 20.551 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 24.70 Mbit/s  
95th percentile per-packet one-way delay: 20.551 ms  
Loss rate: 0.00%

# Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-09-03 07:19:15

End at: 2017-09-03 07:19:45

Local clock offset: -0.486 ms

Remote clock offset: -1.03 ms

# Below is generated by plot.py at 2017-09-03 10:20:02

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.74 Mbit/s

95th percentile per-packet one-way delay: 21.364 ms

Loss rate: 0.08%

-- Flow 1:

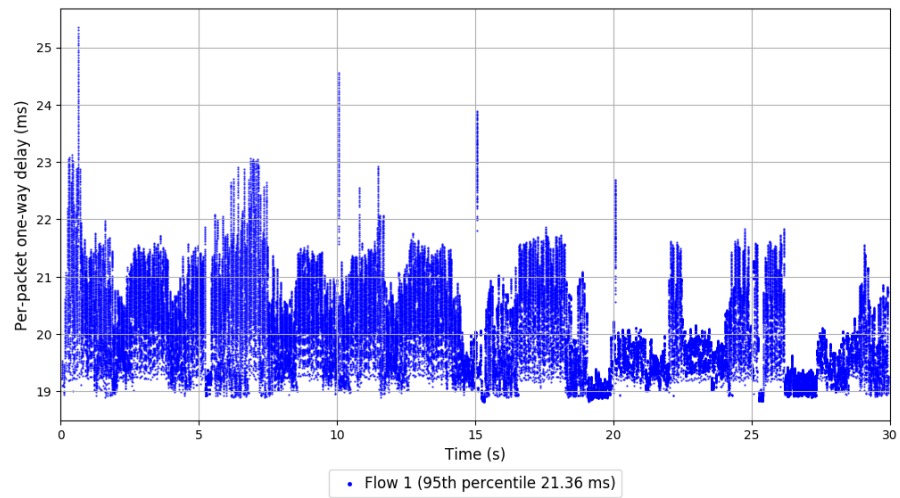
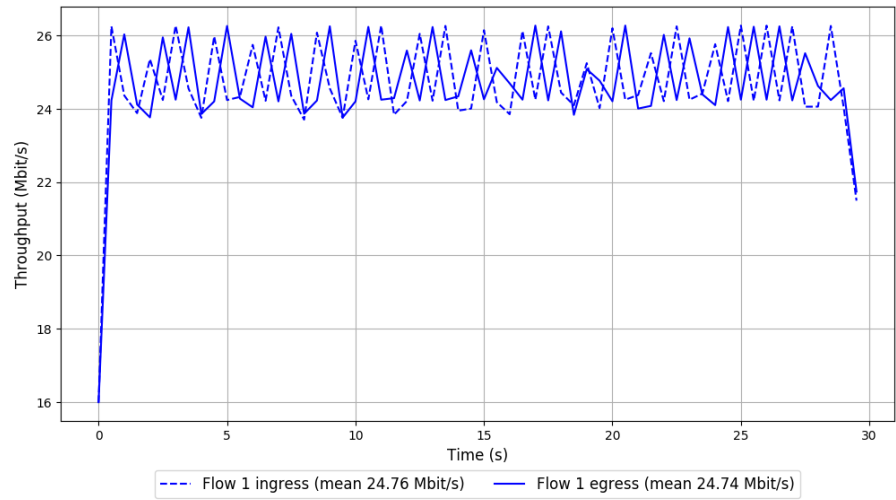
Average throughput: 24.74 Mbit/s

95th percentile per-packet one-way delay: 21.364 ms

Loss rate: 0.08%



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



Run 10: Statistics of Sprout

Start at: 2017-09-03 07:39:46

End at: 2017-09-03 07:40:16

Local clock offset: -0.67 ms

Remote clock offset: -1.089 ms

# Below is generated by plot.py at 2017-09-03 10:20:03

# Datalink statistics

-- Total of 1 flow:

Average throughput: 24.31 Mbit/s

95th percentile per-packet one-way delay: 19.859 ms

Loss rate: 0.00%

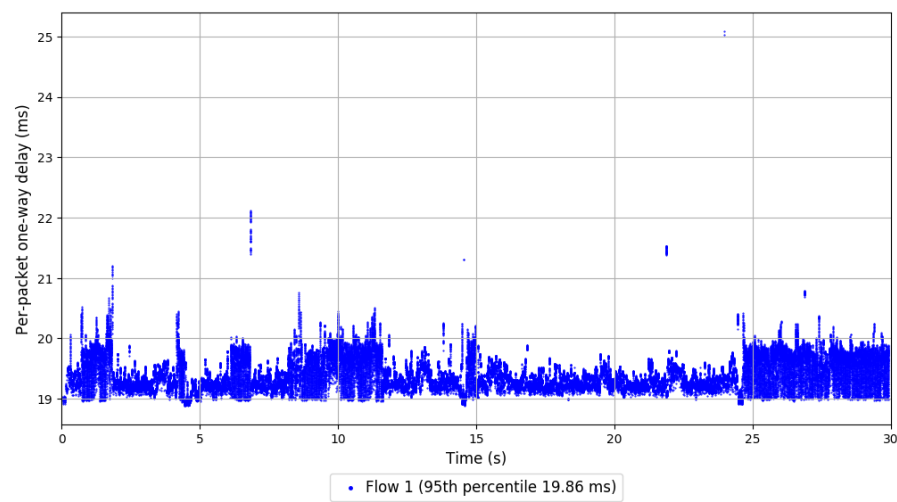
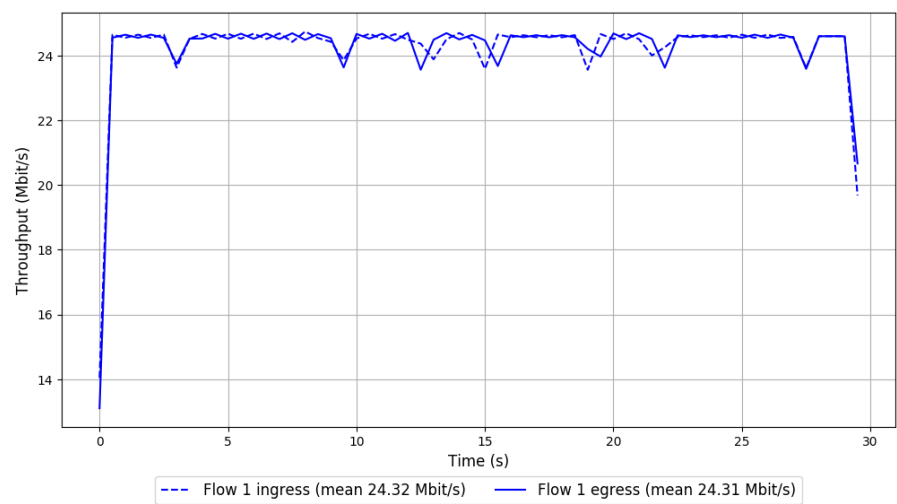
-- Flow 1:

Average throughput: 24.31 Mbit/s

95th percentile per-packet one-way delay: 19.859 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

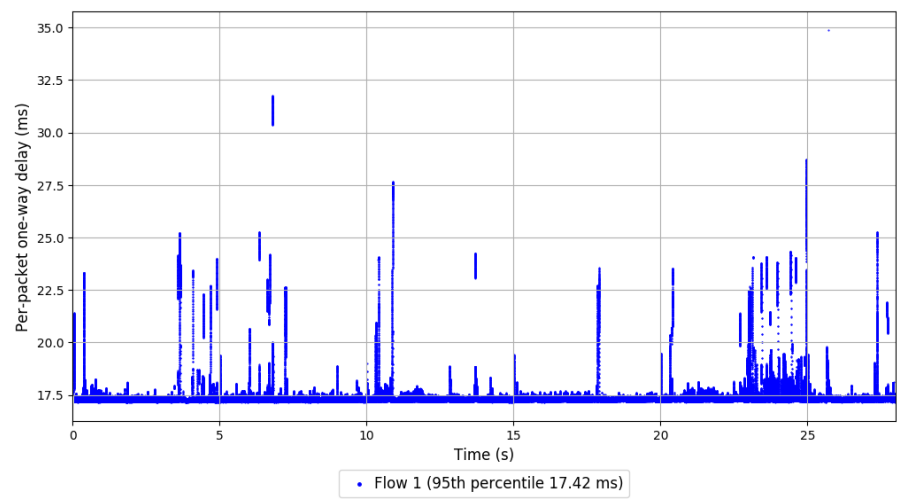
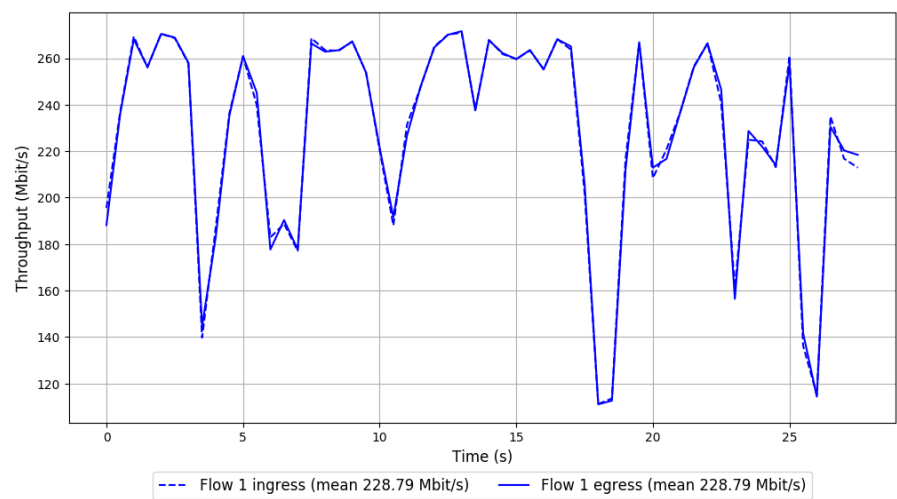


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-03 04:28:04
End at: 2017-09-03 04:28:34
Local clock offset: -0.224 ms
Remote clock offset: -1.09 ms

# Below is generated by plot.py at 2017-09-03 10:20:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 228.79 Mbit/s
95th percentile per-packet one-way delay: 17.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.79 Mbit/s
95th percentile per-packet one-way delay: 17.422 ms
Loss rate: 0.00%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-03 04:48:22

End at: 2017-09-03 04:48:52

Local clock offset: 0.22 ms

Remote clock offset: -0.625 ms

# Below is generated by plot.py at 2017-09-03 10:20:55

# Datalink statistics

-- Total of 1 flow:

Average throughput: 241.53 Mbit/s

95th percentile per-packet one-way delay: 19.129 ms

Loss rate: 0.00%

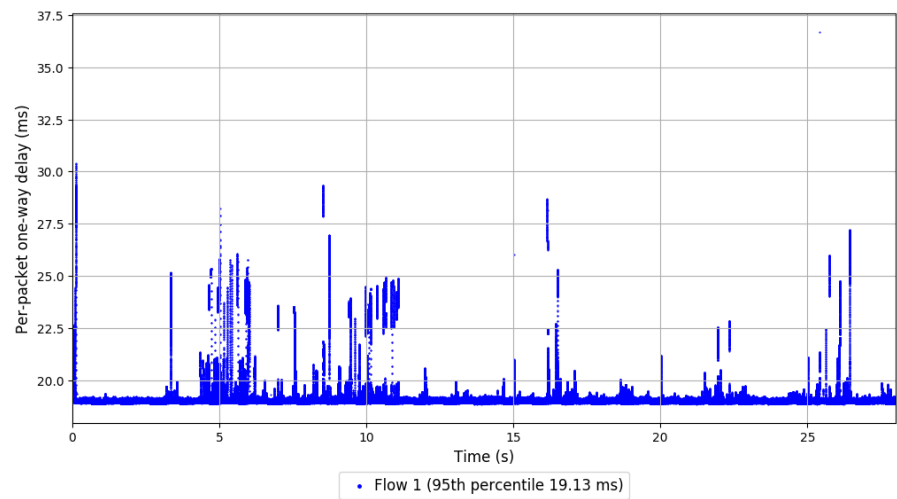
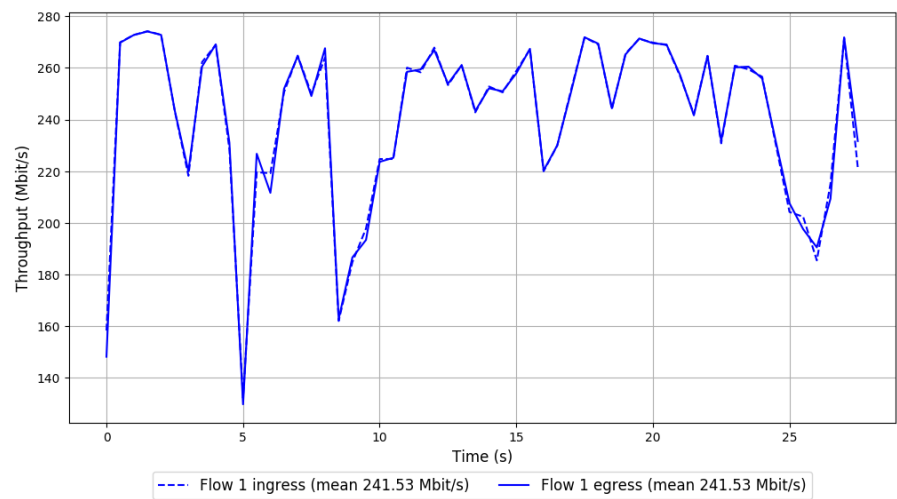
-- Flow 1:

Average throughput: 241.53 Mbit/s

95th percentile per-packet one-way delay: 19.129 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-03 05:08:35

End at: 2017-09-03 05:09:05

Local clock offset: 0.216 ms

Remote clock offset: -0.781 ms

# Below is generated by plot.py at 2017-09-03 10:21:38

# Datalink statistics

-- Total of 1 flow:

Average throughput: 223.83 Mbit/s

95th percentile per-packet one-way delay: 18.981 ms

Loss rate: 0.00%

-- Flow 1:

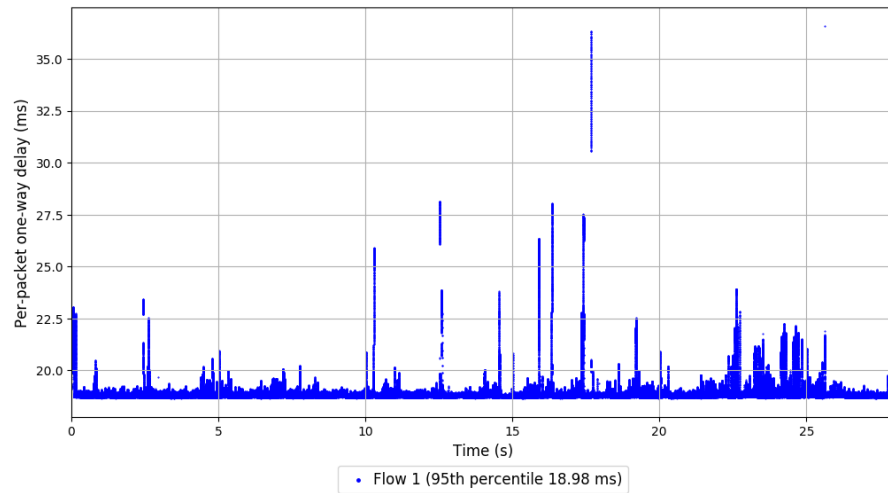
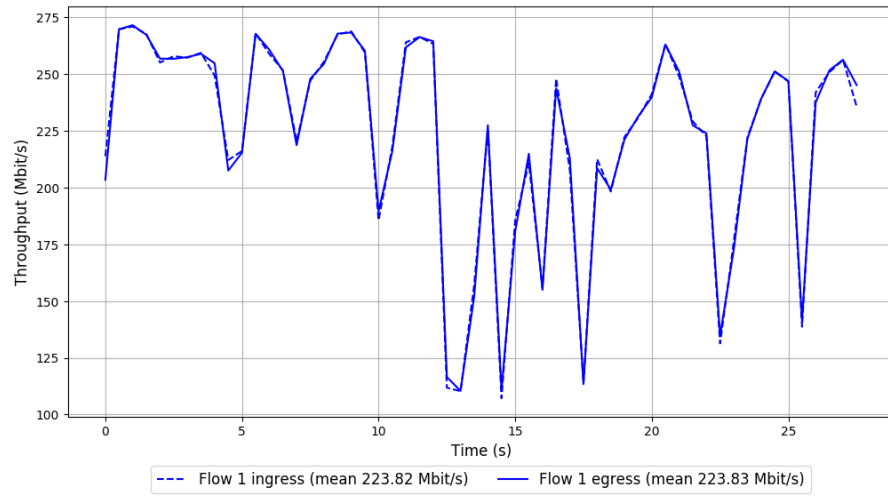
Average throughput: 223.83 Mbit/s

95th percentile per-packet one-way delay: 18.981 ms

Loss rate: 0.00%



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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-03 05:28:47

End at: 2017-09-03 05:29:17

Local clock offset: 0.248 ms

Remote clock offset: -0.774 ms

# Below is generated by plot.py at 2017-09-03 10:21:52

# Datalink statistics

-- Total of 1 flow:

Average throughput: 244.77 Mbit/s

95th percentile per-packet one-way delay: 18.903 ms

Loss rate: 0.01%

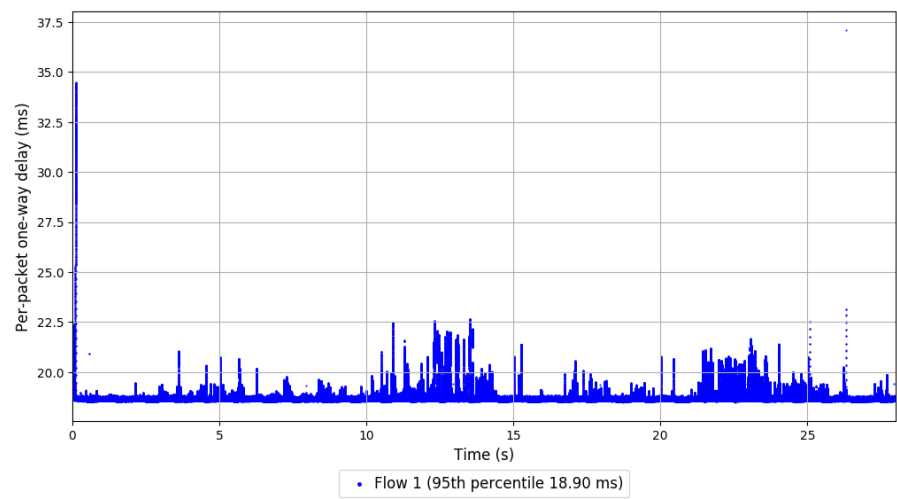
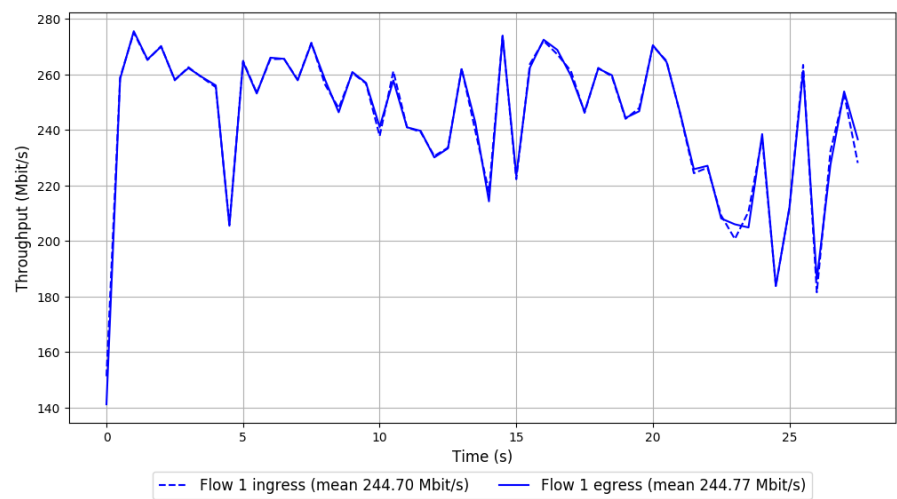
-- Flow 1:

Average throughput: 244.77 Mbit/s

95th percentile per-packet one-way delay: 18.903 ms

Loss rate: 0.01%

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

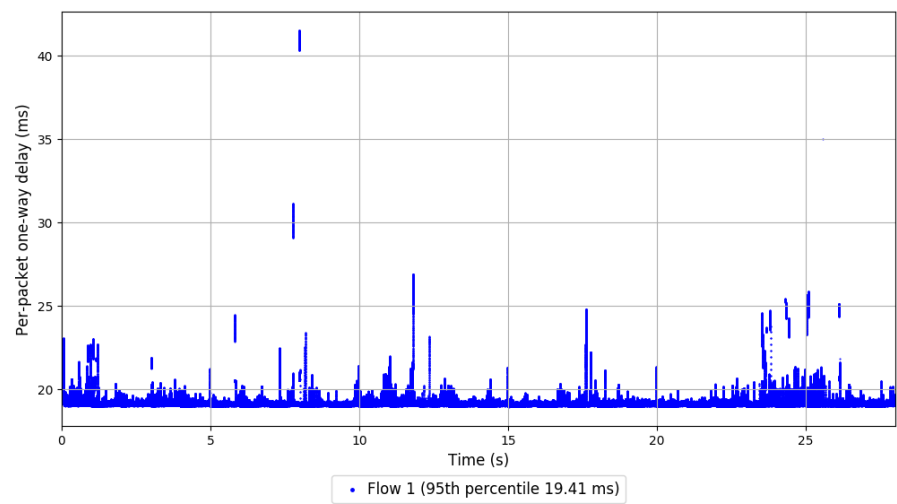
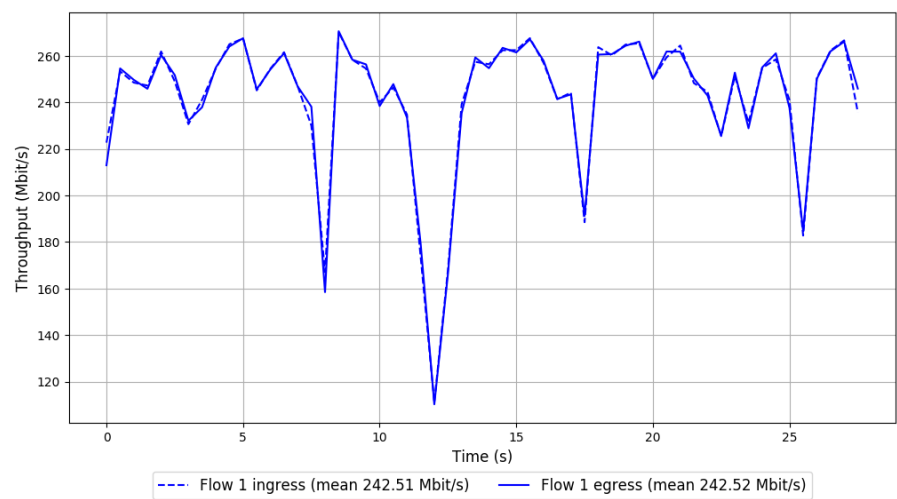


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-03 05:49:00  
End at: 2017-09-03 05:49:30  
Local clock offset: -0.005 ms  
Remote clock offset: -0.606 ms

# Below is generated by plot.py at 2017-09-03 10:22:40  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 242.52 Mbit/s  
95th percentile per-packet one-way delay: 19.411 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 242.52 Mbit/s  
95th percentile per-packet one-way delay: 19.411 ms  
Loss rate: 0.00%

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

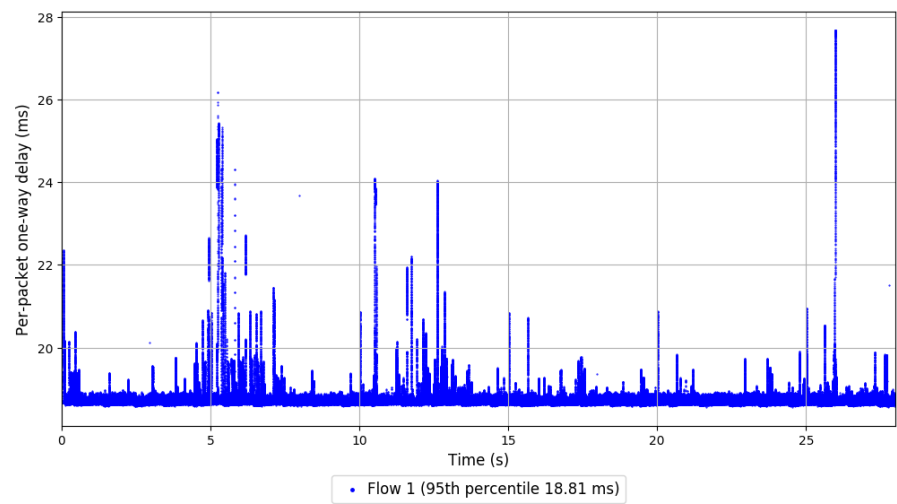
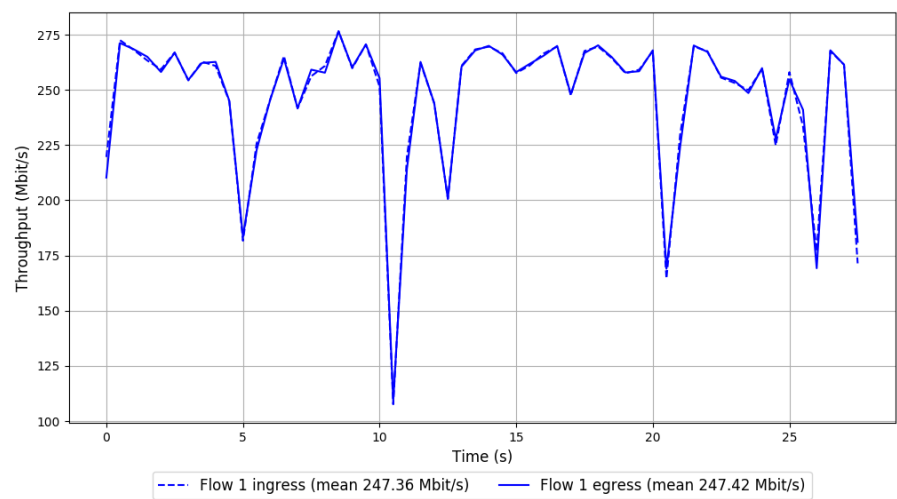


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-03 06:09:11  
End at: 2017-09-03 06:09:41  
Local clock offset: 0.089 ms  
Remote clock offset: -0.351 ms

# Below is generated by plot.py at 2017-09-03 10:22:47  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 247.42 Mbit/s  
95th percentile per-packet one-way delay: 18.806 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 247.42 Mbit/s  
95th percentile per-packet one-way delay: 18.806 ms  
Loss rate: 0.01%

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



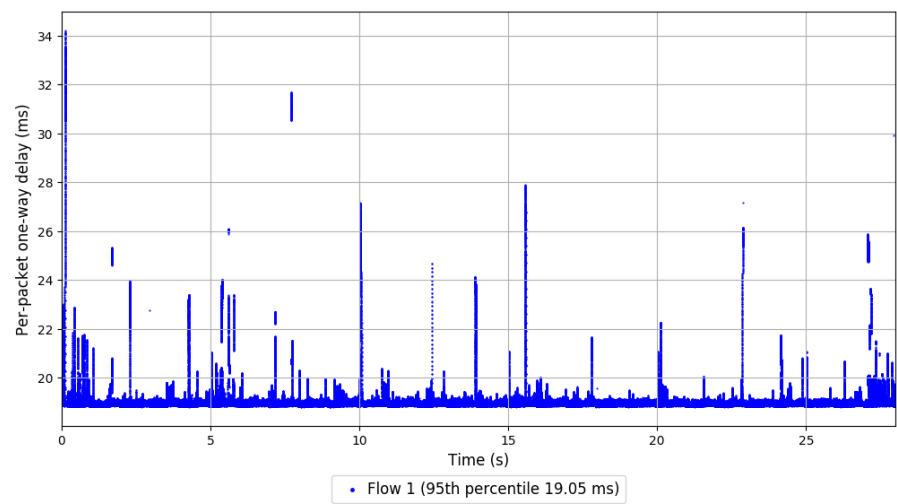
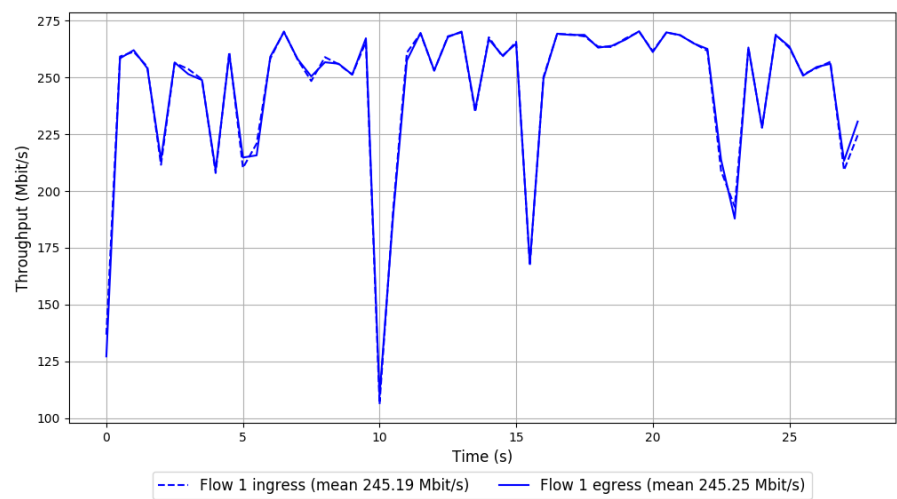
Run 7: Statistics of TaoVA-100x

Start at: 2017-09-03 06:29:00  
End at: 2017-09-03 06:29:30  
Local clock offset: -0.035 ms  
Remote clock offset: -0.512 ms

# Below is generated by plot.py at 2017-09-03 10:23:36  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 245.25 Mbit/s  
95th percentile per-packet one-way delay: 19.049 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 245.25 Mbit/s  
95th percentile per-packet one-way delay: 19.049 ms  
Loss rate: 0.00%



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

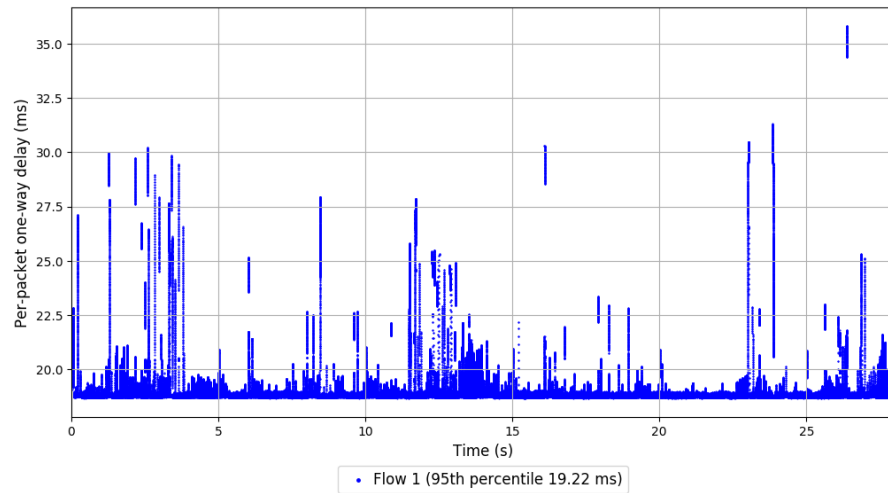
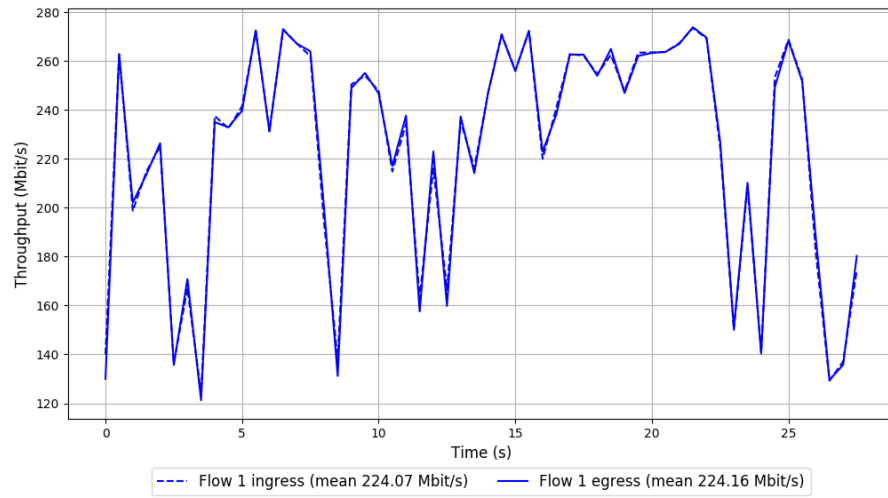


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-03 06:49:32  
End at: 2017-09-03 06:50:02  
Local clock offset: -0.175 ms  
Remote clock offset: -0.596 ms

# Below is generated by plot.py at 2017-09-03 10:23:41  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 224.16 Mbit/s  
95th percentile per-packet one-way delay: 19.222 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 224.16 Mbit/s  
95th percentile per-packet one-way delay: 19.222 ms  
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-03 07:09:38

End at: 2017-09-03 07:10:08

Local clock offset: -0.529 ms

Remote clock offset: -0.865 ms

# Below is generated by plot.py at 2017-09-03 10:24:33

# Datalink statistics

-- Total of 1 flow:

Average throughput: 247.96 Mbit/s

95th percentile per-packet one-way delay: 19.131 ms

Loss rate: 0.00%

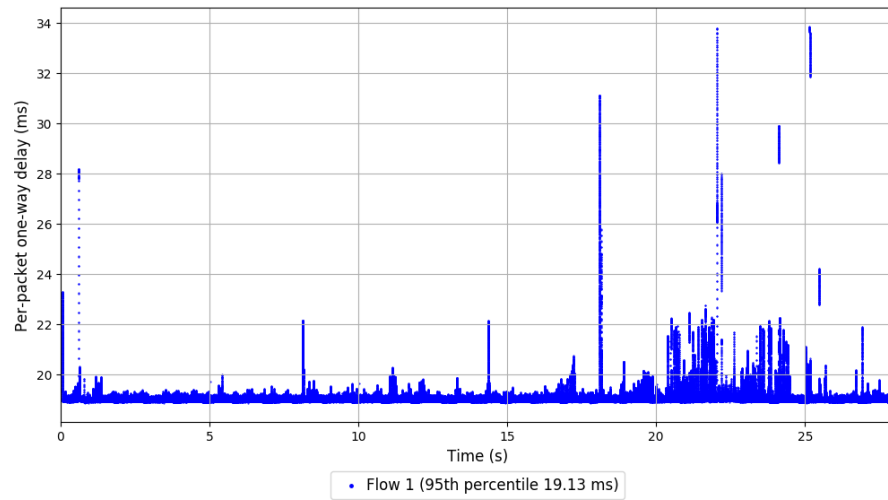
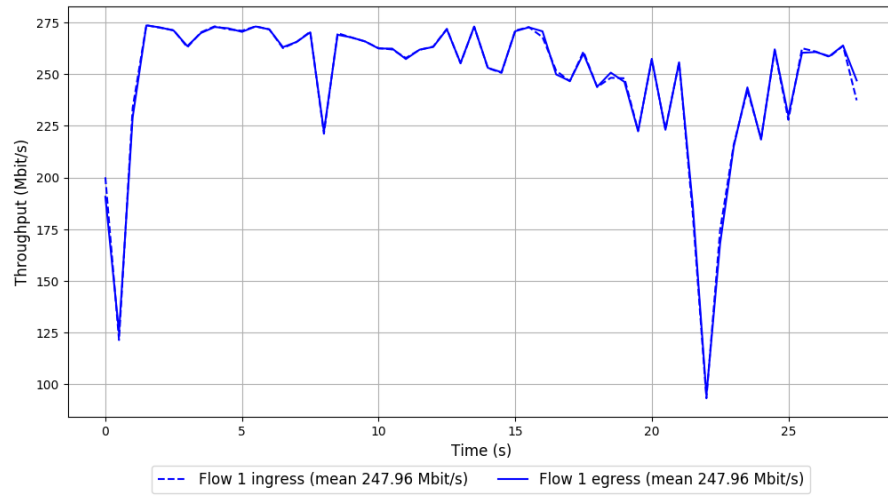
-- Flow 1:

Average throughput: 247.96 Mbit/s

95th percentile per-packet one-way delay: 19.131 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-03 07:29:40

End at: 2017-09-03 07:30:10

Local clock offset: -0.666 ms

Remote clock offset: -1.062 ms

# Below is generated by plot.py at 2017-09-03 10:24:40

# Datalink statistics

-- Total of 1 flow:

Average throughput: 251.92 Mbit/s

95th percentile per-packet one-way delay: 19.239 ms

Loss rate: 0.00%

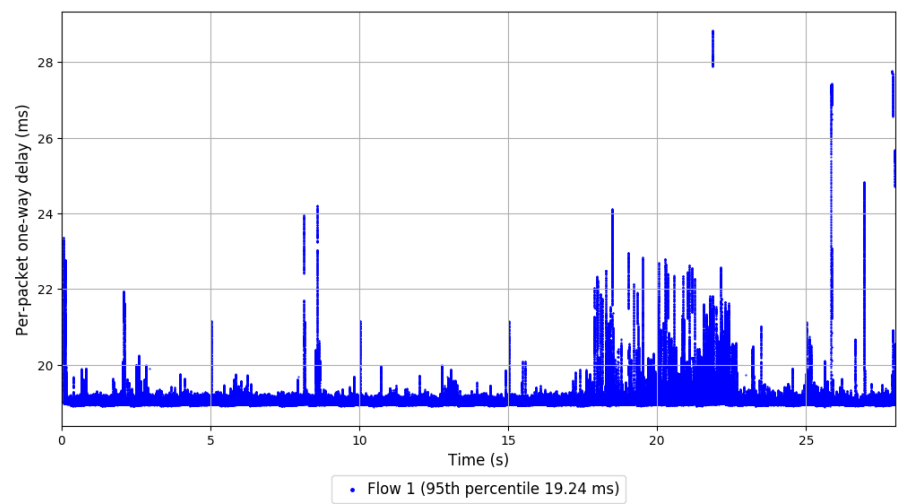
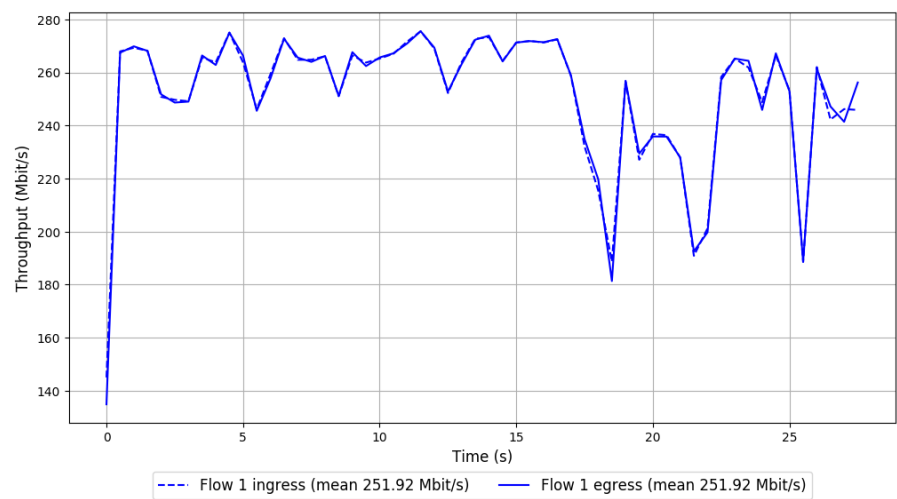
-- Flow 1:

Average throughput: 251.92 Mbit/s

95th percentile per-packet one-way delay: 19.239 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-09-03 04:23:10

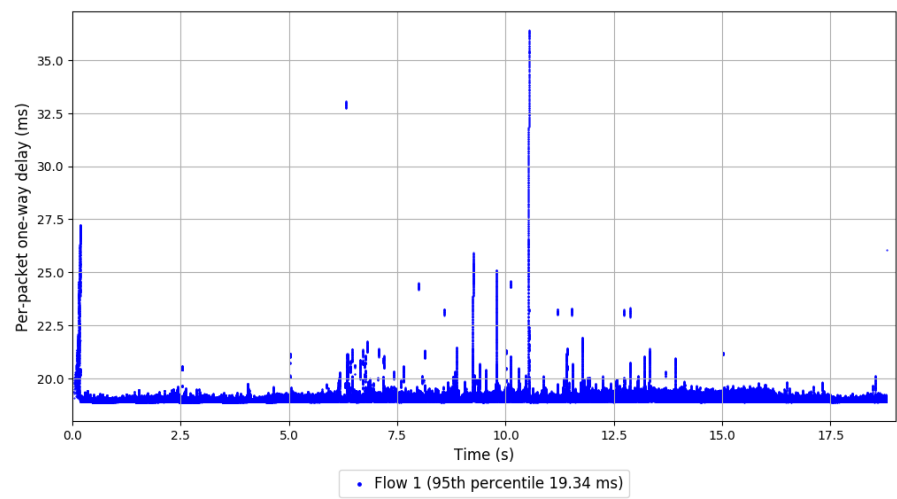
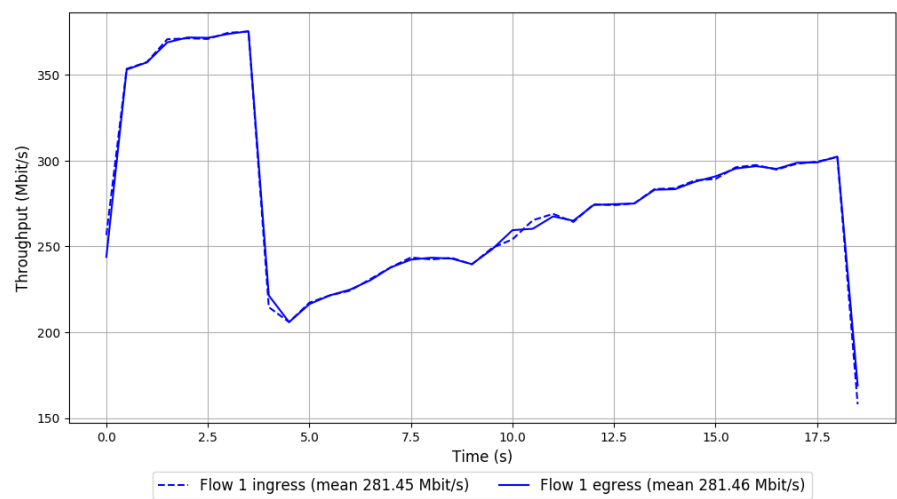
End at: 2017-09-03 04:23:40

Local clock offset: -0.381 ms

Remote clock offset: -1.008 ms



Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

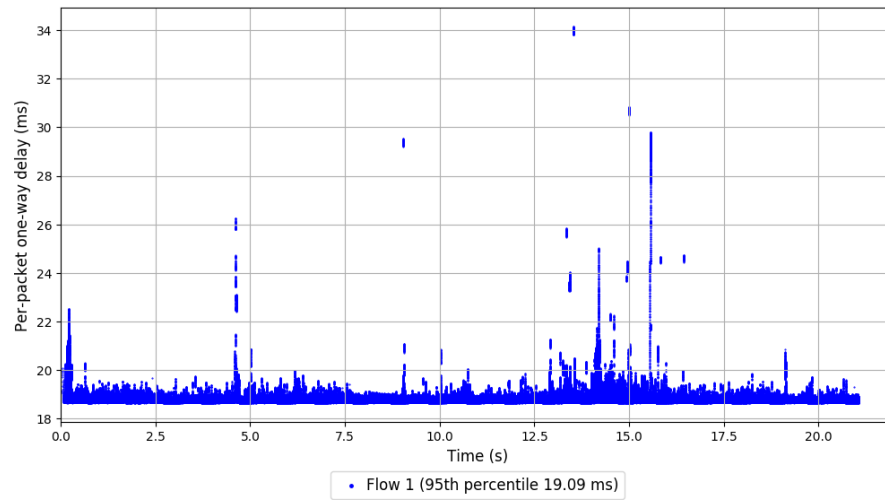
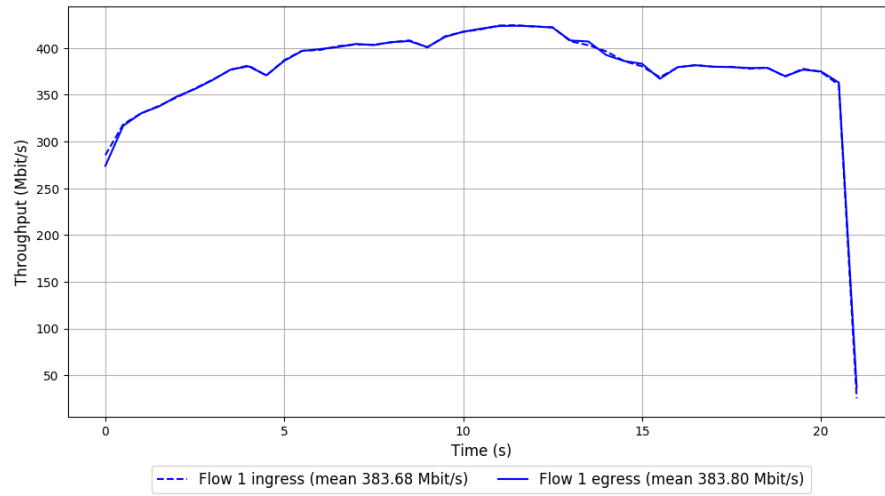
Start at: 2017-09-03 04:43:12

End at: 2017-09-03 04:43:42

Local clock offset: 0.169 ms

Remote clock offset: -0.749 ms

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



Run 3: Statistics of TCP Vegas

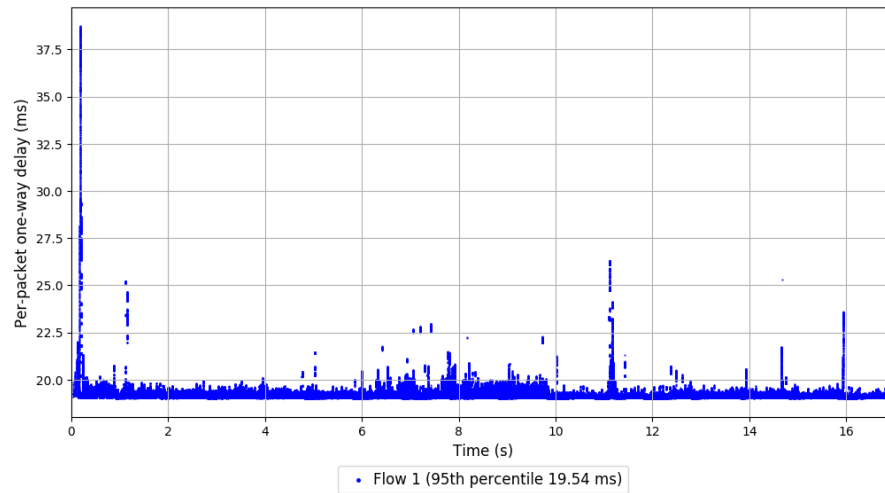
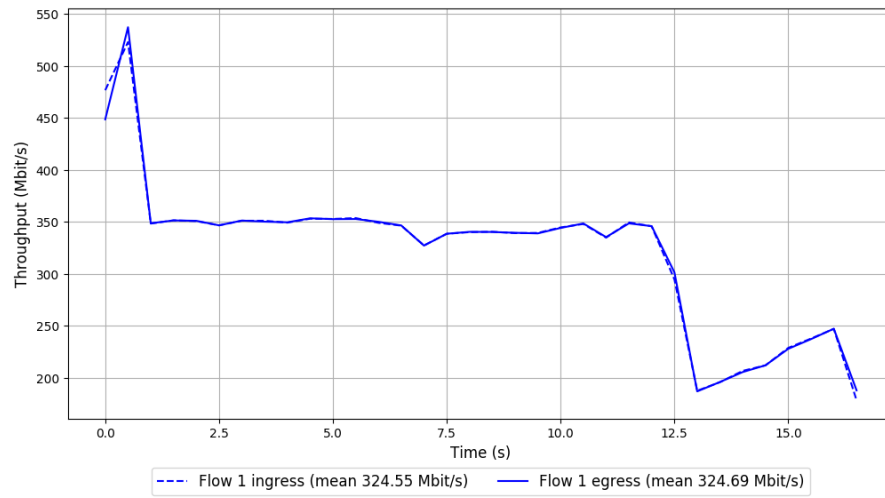
Start at: 2017-09-03 05:03:41

End at: 2017-09-03 05:04:11

Local clock offset: 0.208 ms

Remote clock offset: -0.605 ms

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



Run 4: Statistics of TCP Vegas

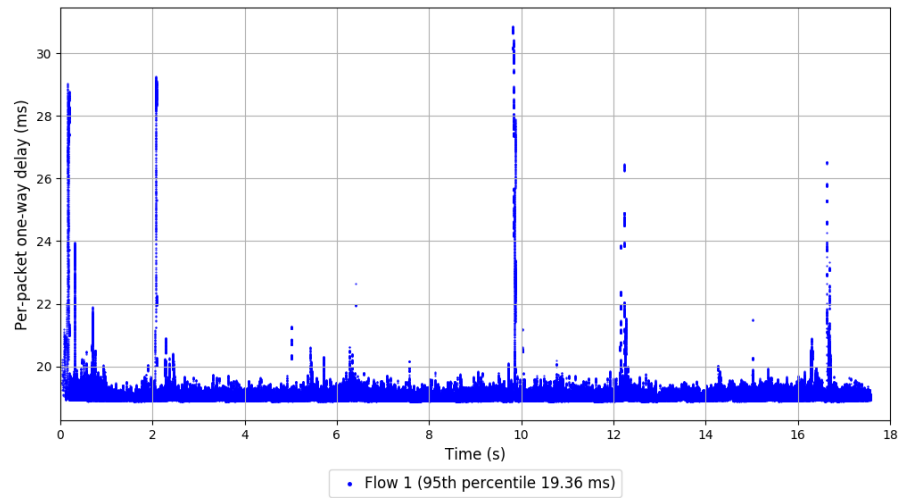
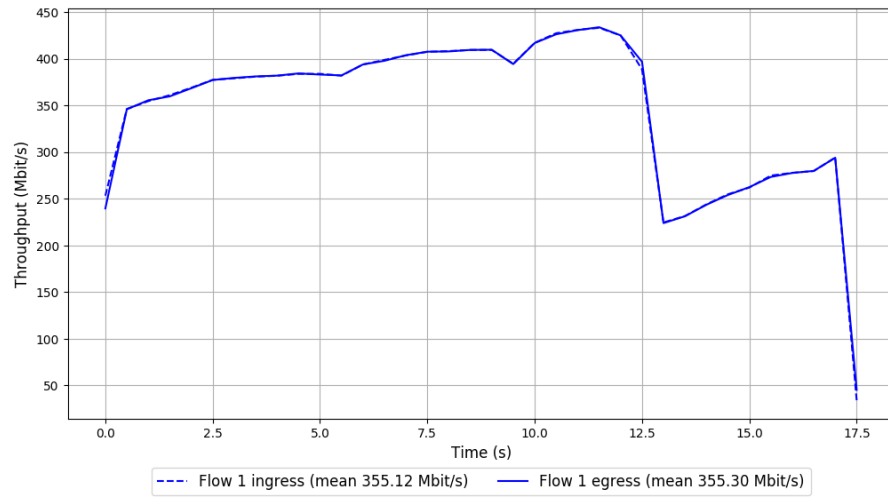
Start at: 2017-09-03 05:23:52

End at: 2017-09-03 05:24:22

Local clock offset: 0.304 ms

Remote clock offset: -0.769 ms

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



Run 5: Statistics of TCP Vegas

Start at: 2017-09-03 05:44:09

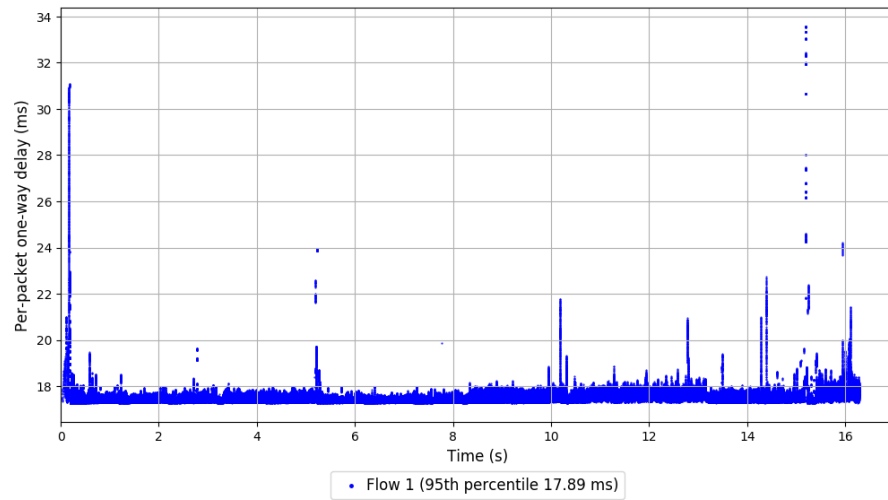
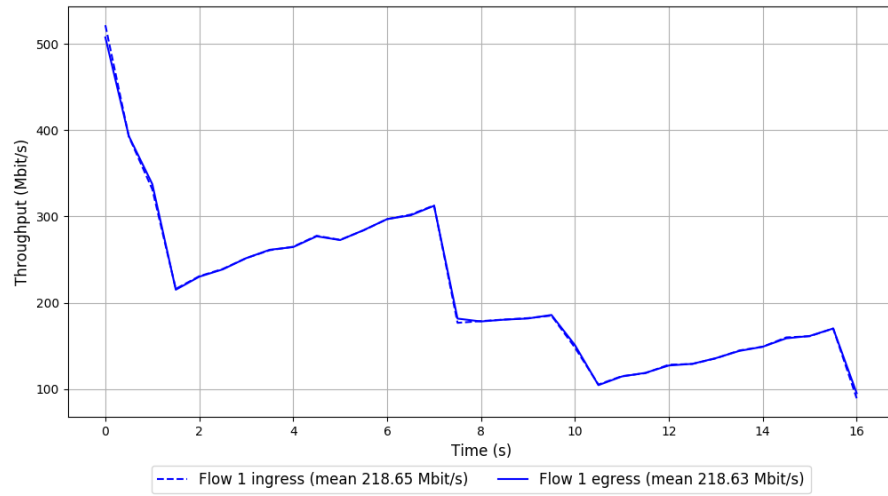
End at: 2017-09-03 05:44:39

Local clock offset: 0.124 ms

Remote clock offset: -0.62 ms



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



Run 6: Statistics of TCP Vegas

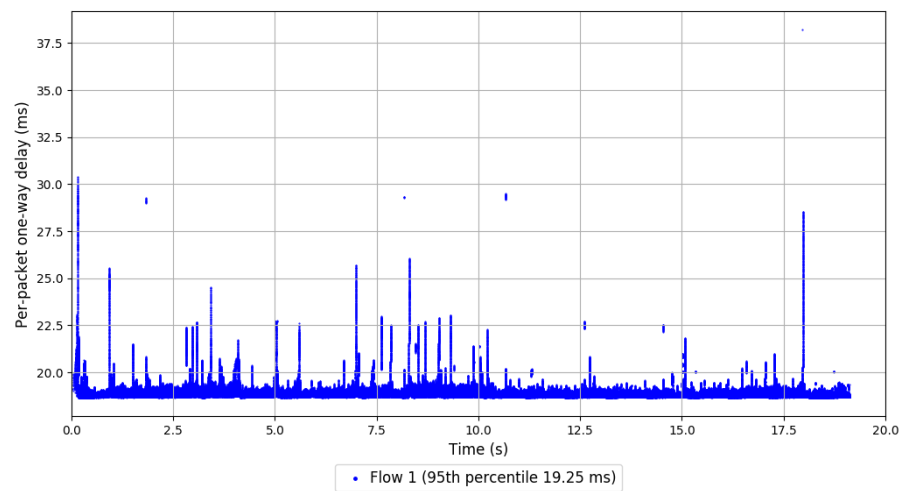
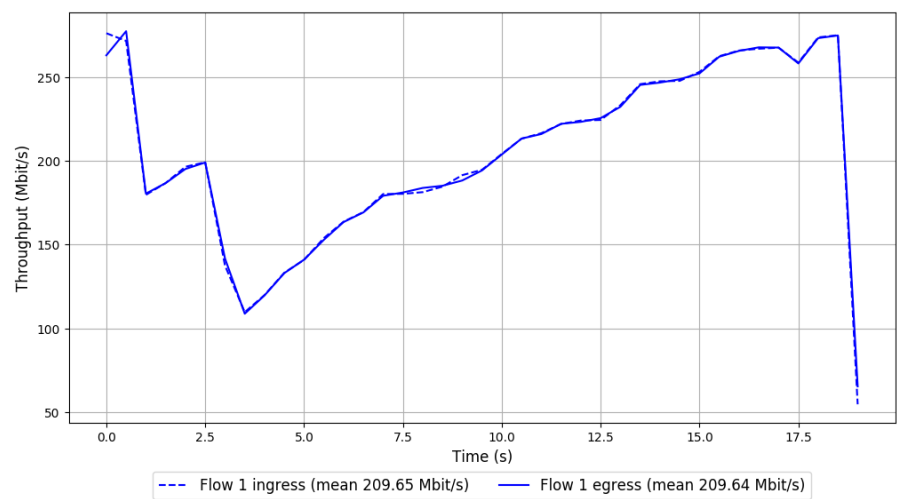
Start at: 2017-09-03 06:04:14

End at: 2017-09-03 06:04:44

Local clock offset: 0.09 ms

Remote clock offset: -0.456 ms

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

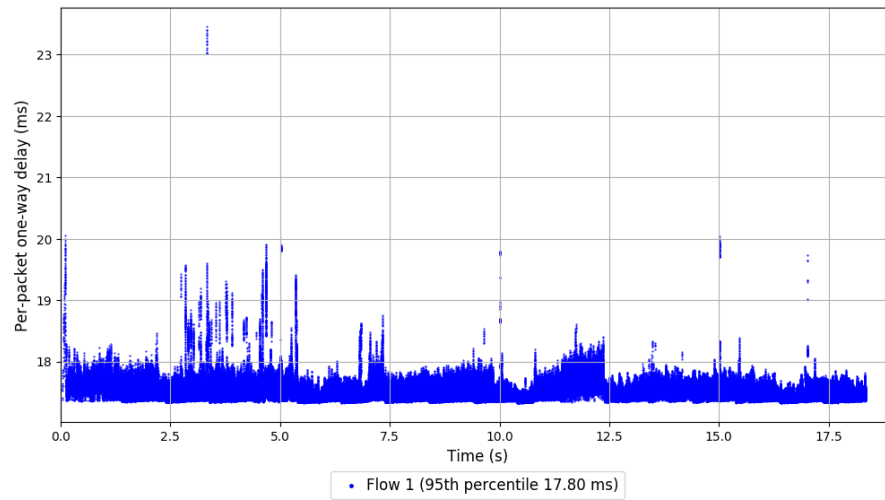
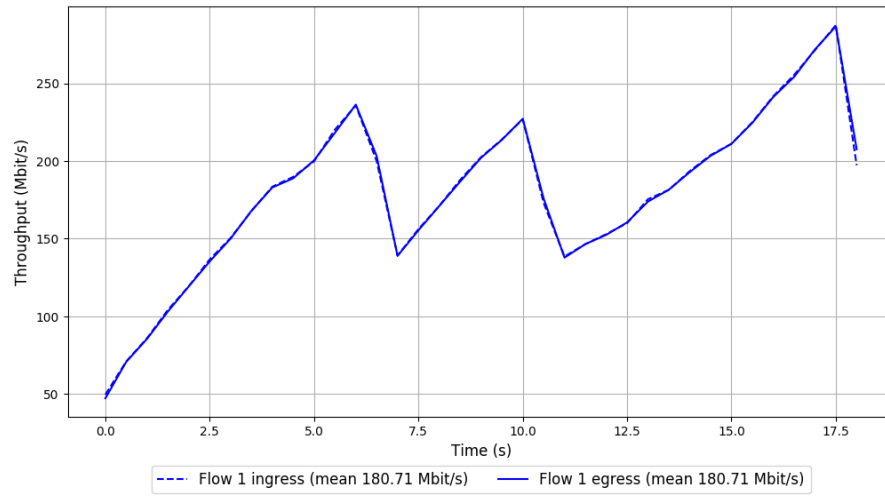
Start at: 2017-09-03 06:24:03

End at: 2017-09-03 06:24:33

Local clock offset: -0.071 ms

Remote clock offset: -0.387 ms

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



Run 8: Statistics of TCP Vegas

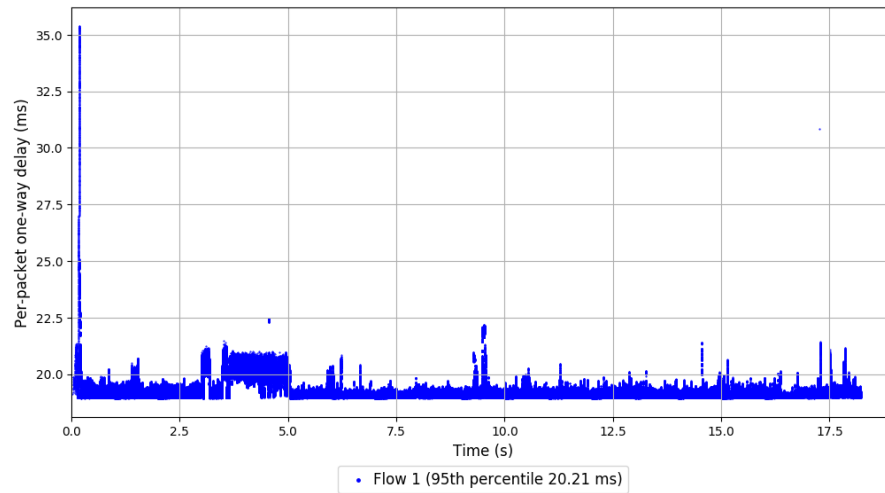
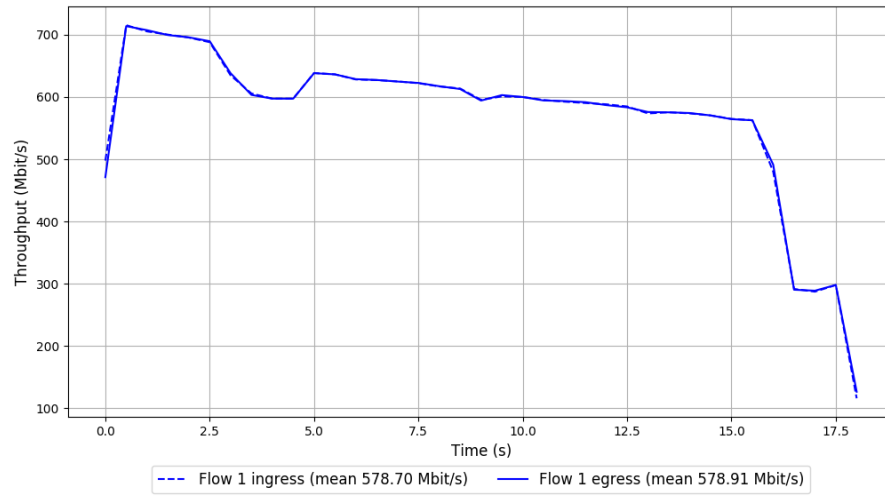
Start at: 2017-09-03 06:44:21

End at: 2017-09-03 06:44:51

Local clock offset: -0.153 ms

Remote clock offset: -0.458 ms

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



Run 9: Statistics of TCP Vegas

Start at: 2017-09-03 07:04:37

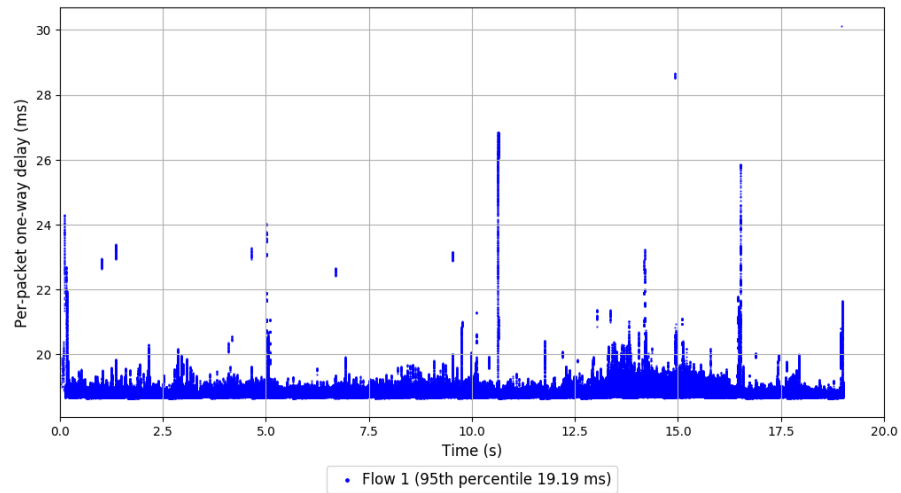
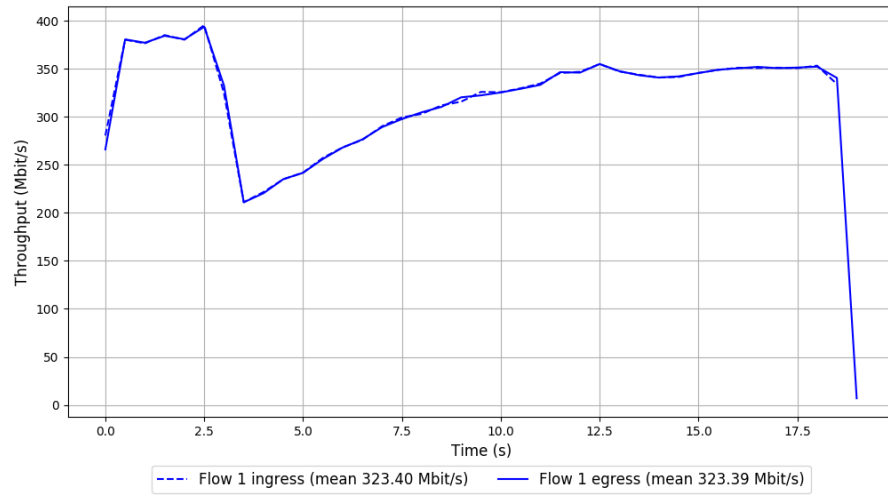
End at: 2017-09-03 07:05:07

Local clock offset: -0.307 ms

Remote clock offset: -0.714 ms



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



Run 10: Statistics of TCP Vegas

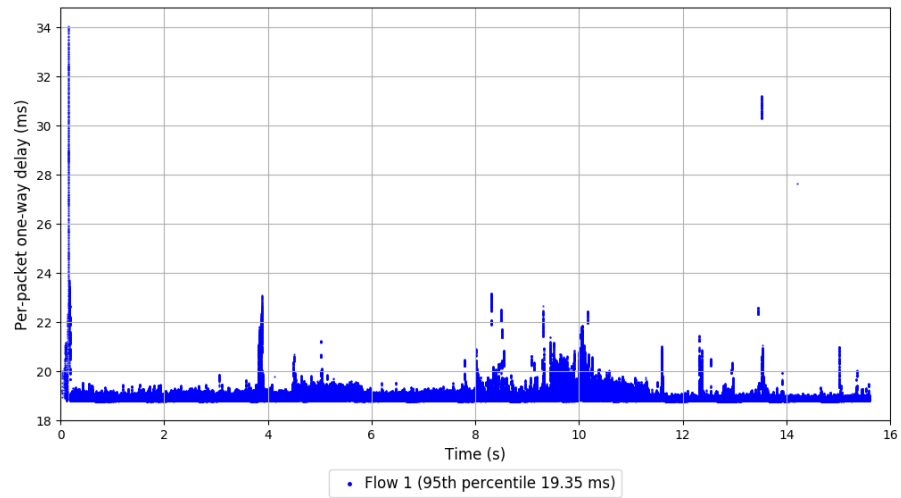
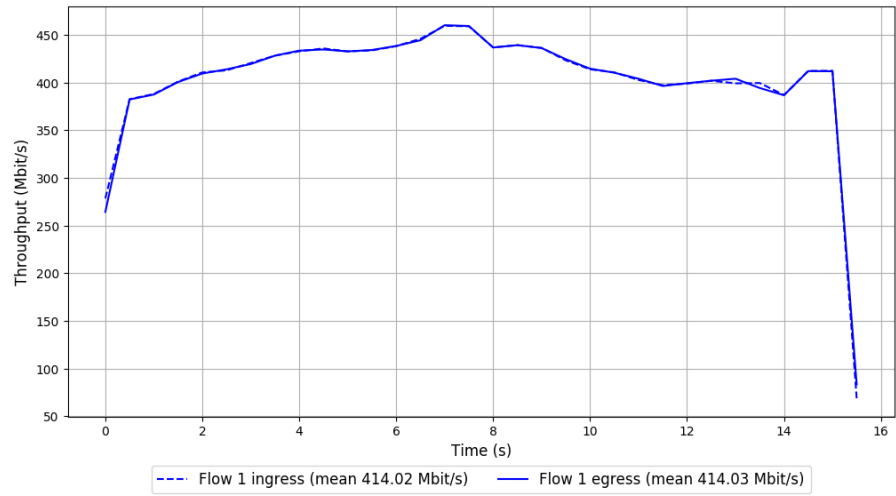
Start at: 2017-09-03 07:24:37

End at: 2017-09-03 07:25:08

Local clock offset: -0.593 ms

Remote clock offset: -0.974 ms

# Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-09-03 04:39:00  
End at: 2017-09-03 04:39:30  
Local clock offset: 0.099 ms  
Remote clock offset: -0.743 ms

# Below is generated by plot.py at 2017-09-03 10:27:03

# Datalink statistics

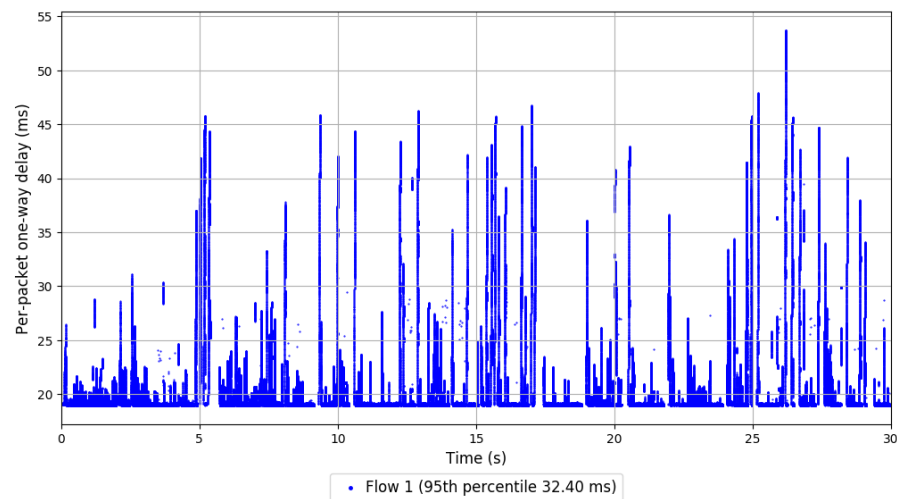
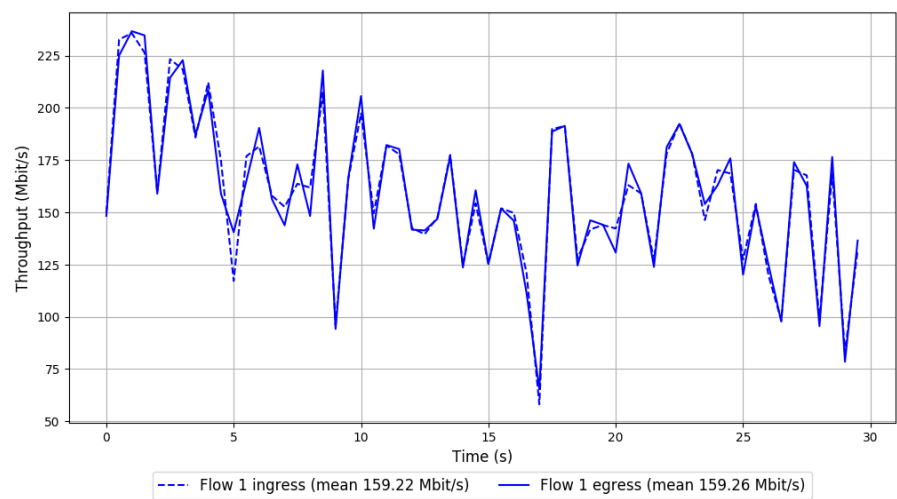
-- Total of 1 flow:

Average throughput: 159.26 Mbit/s  
95th percentile per-packet one-way delay: 32.398 ms  
Loss rate: 0.00%

-- Flow 1:

Average throughput: 159.26 Mbit/s  
95th percentile per-packet one-way delay: 32.398 ms  
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

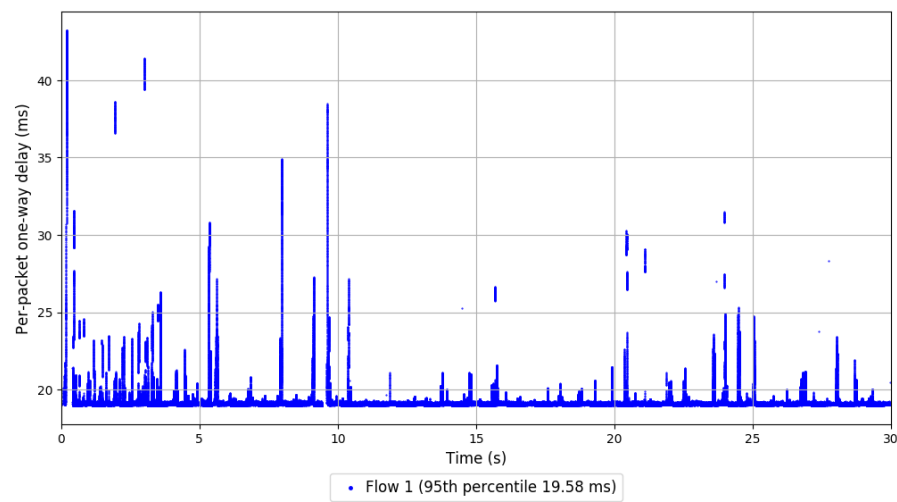
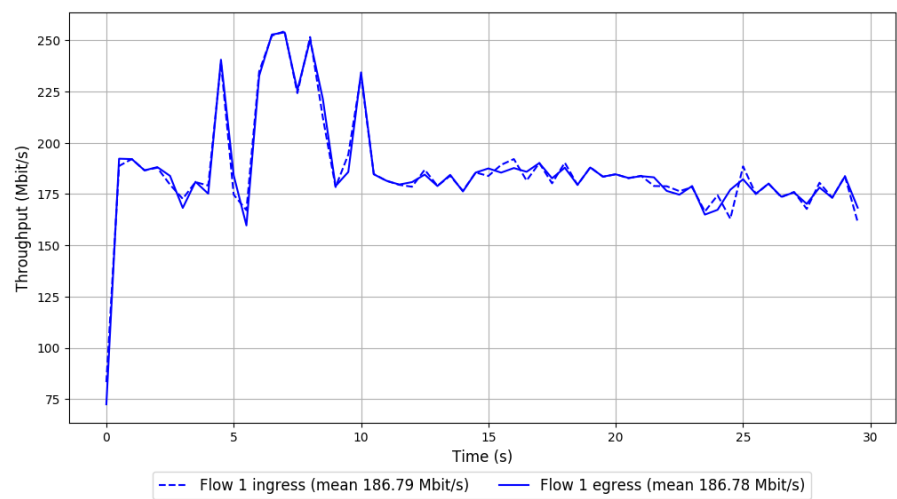


Run 2: Statistics of Verus

Start at: 2017-09-03 04:59:29  
End at: 2017-09-03 04:59:59  
Local clock offset: 0.288 ms  
Remote clock offset: -0.524 ms

# Below is generated by plot.py at 2017-09-03 10:27:27  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 186.78 Mbit/s  
95th percentile per-packet one-way delay: 19.582 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 186.78 Mbit/s  
95th percentile per-packet one-way delay: 19.582 ms  
Loss rate: 0.00%

Run 2: Report of Verus — Data Link



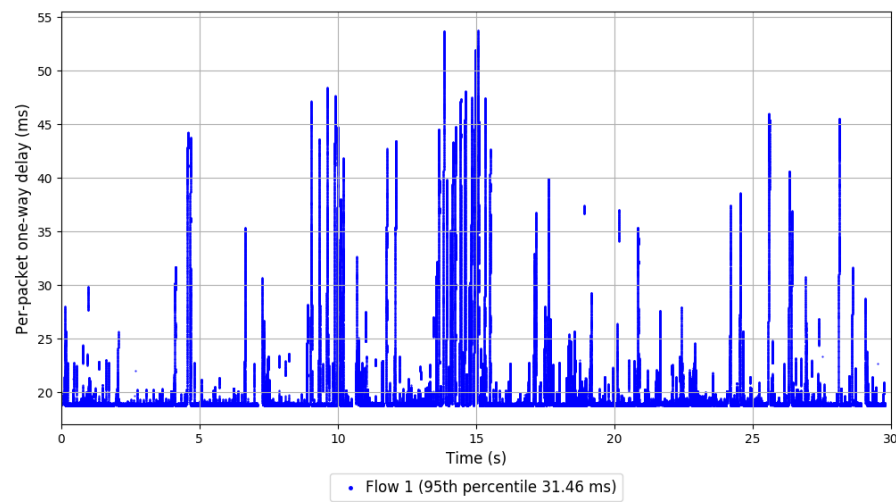
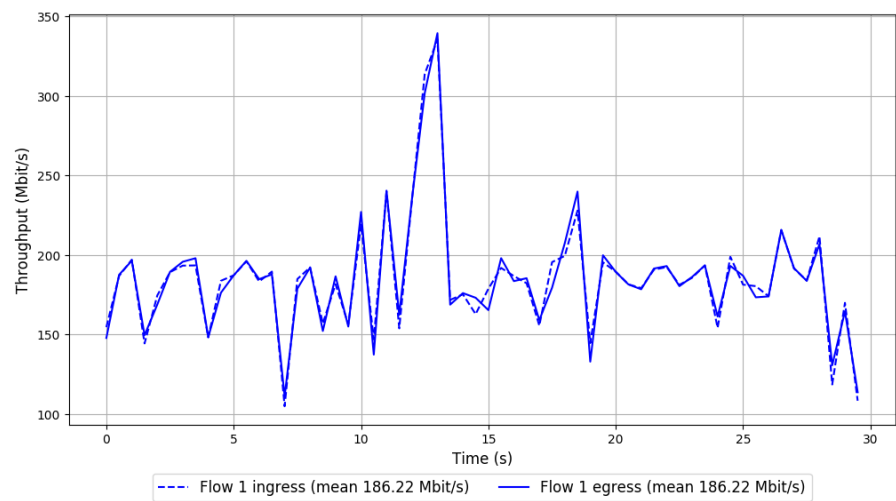
Run 3: Statistics of Verus

Start at: 2017-09-03 05:19:39  
End at: 2017-09-03 05:20:09  
Local clock offset: 0.246 ms  
Remote clock offset: -0.836 ms

# Below is generated by plot.py at 2017-09-03 10:27:28  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 186.22 Mbit/s  
95th percentile per-packet one-way delay: 31.463 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 186.22 Mbit/s  
95th percentile per-packet one-way delay: 31.463 ms  
Loss rate: 0.00%



Run 3: Report of Verus — Data Link

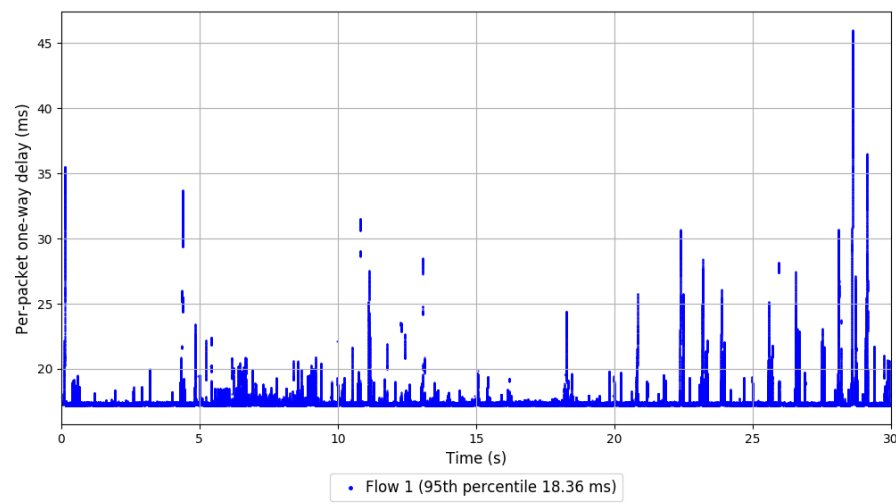
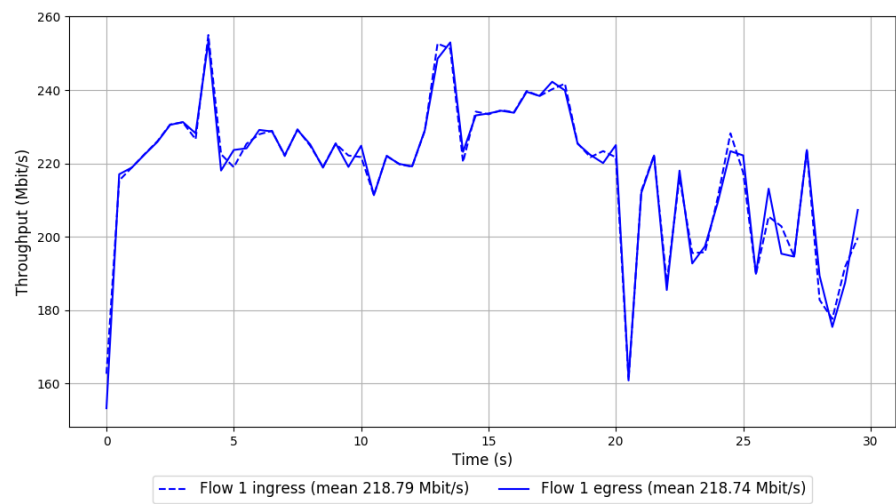


Run 4: Statistics of Verus

Start at: 2017-09-03 05:39:55  
End at: 2017-09-03 05:40:25  
Local clock offset: 0.16 ms  
Remote clock offset: -0.732 ms

# Below is generated by plot.py at 2017-09-03 10:27:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 218.74 Mbit/s  
95th percentile per-packet one-way delay: 18.360 ms  
Loss rate: 0.02%  
-- Flow 1:  
Average throughput: 218.74 Mbit/s  
95th percentile per-packet one-way delay: 18.360 ms  
Loss rate: 0.02%

Run 4: Report of Verus — Data Link

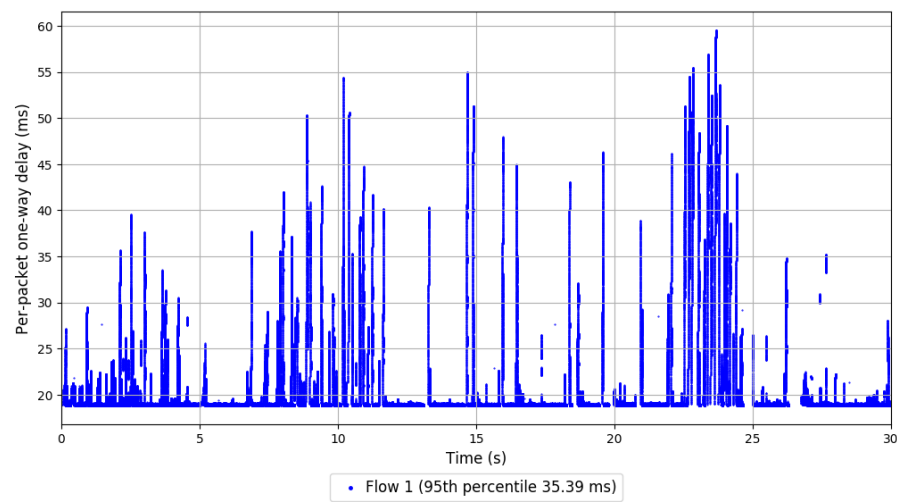
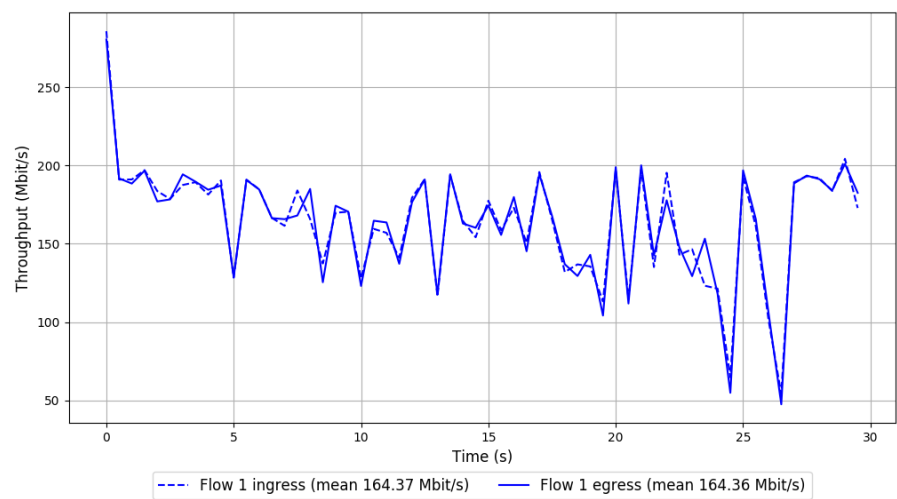


Run 5: Statistics of Verus

Start at: 2017-09-03 06:00:03  
End at: 2017-09-03 06:00:33  
Local clock offset: 0.084 ms  
Remote clock offset: -0.577 ms

# Below is generated by plot.py at 2017-09-03 10:27:56  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 164.36 Mbit/s  
95th percentile per-packet one-way delay: 35.386 ms  
Loss rate: 0.01%  
-- Flow 1:  
Average throughput: 164.36 Mbit/s  
95th percentile per-packet one-way delay: 35.386 ms  
Loss rate: 0.01%

Run 5: Report of Verus — Data Link

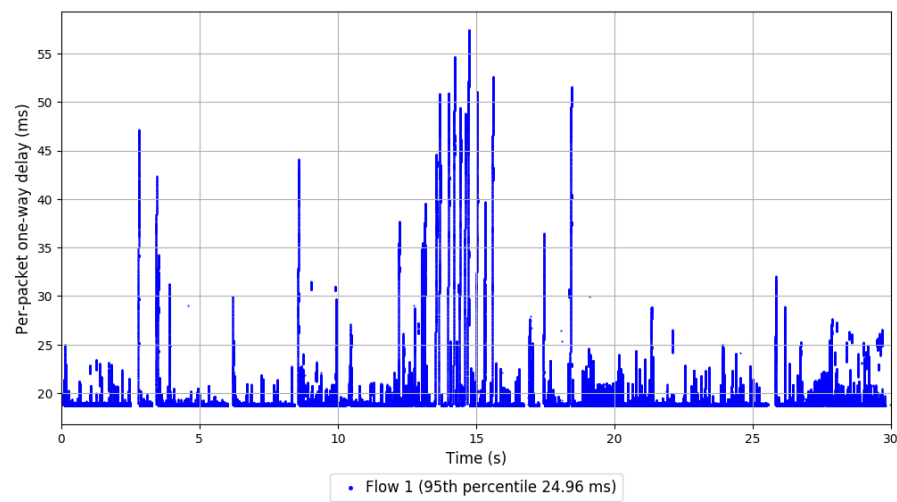
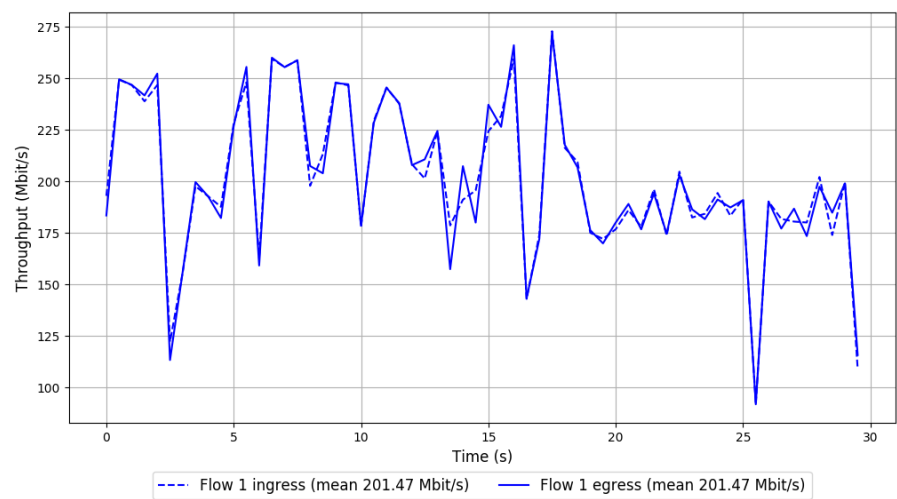


Run 6: Statistics of Verus

Start at: 2017-09-03 06:19:51  
End at: 2017-09-03 06:20:21  
Local clock offset: -0.056 ms  
Remote clock offset: -0.336 ms

# Below is generated by plot.py at 2017-09-03 10:28:15  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 201.47 Mbit/s  
95th percentile per-packet one-way delay: 24.962 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 201.47 Mbit/s  
95th percentile per-packet one-way delay: 24.962 ms  
Loss rate: 0.00%

Run 6: Report of Verus — Data Link



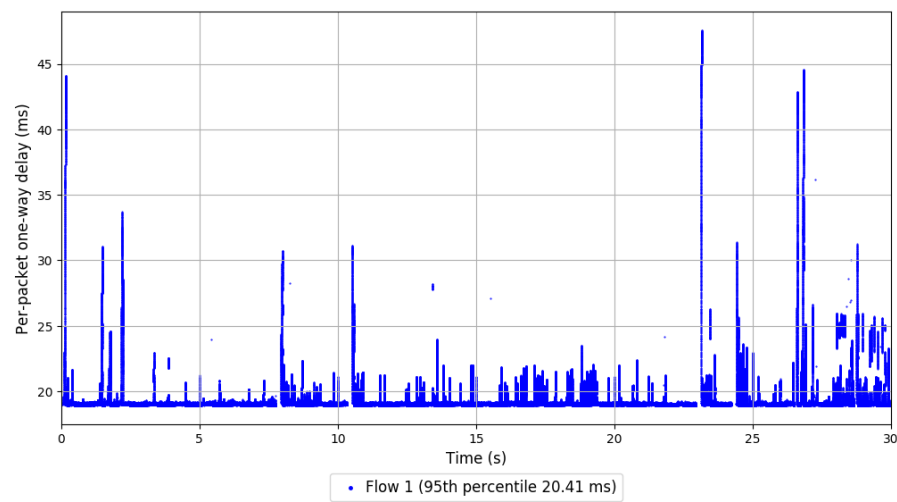
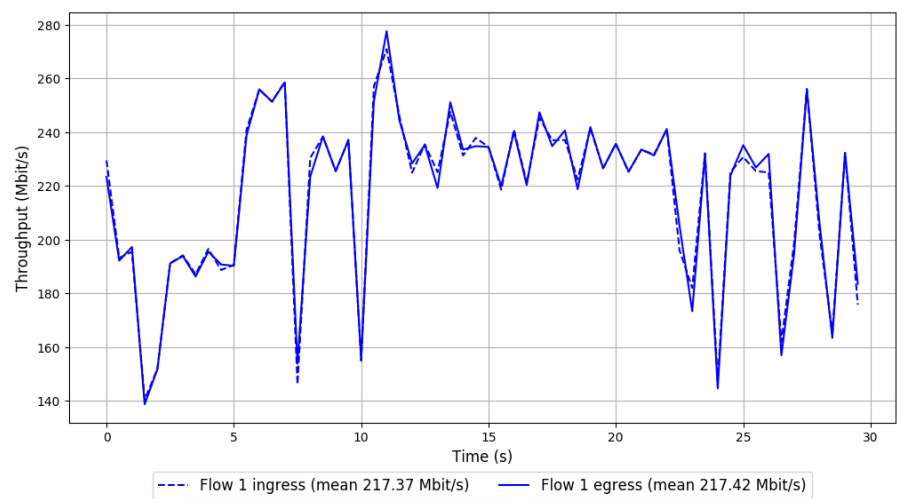
Run 7: Statistics of Verus

Start at: 2017-09-03 06:40:07  
End at: 2017-09-03 06:40:37  
Local clock offset: -0.12 ms  
Remote clock offset: -0.503 ms

# Below is generated by plot.py at 2017-09-03 10:28:26  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 217.42 Mbit/s  
95th percentile per-packet one-way delay: 20.410 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 217.42 Mbit/s  
95th percentile per-packet one-way delay: 20.410 ms  
Loss rate: 0.00%



Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-09-03 07:00:26

End at: 2017-09-03 07:00:56

Local clock offset: -0.294 ms

Remote clock offset: -0.59 ms

# Below is generated by plot.py at 2017-09-03 10:28:41

# Datalink statistics

-- Total of 1 flow:

Average throughput: 183.93 Mbit/s

95th percentile per-packet one-way delay: 21.507 ms

Loss rate: 0.00%

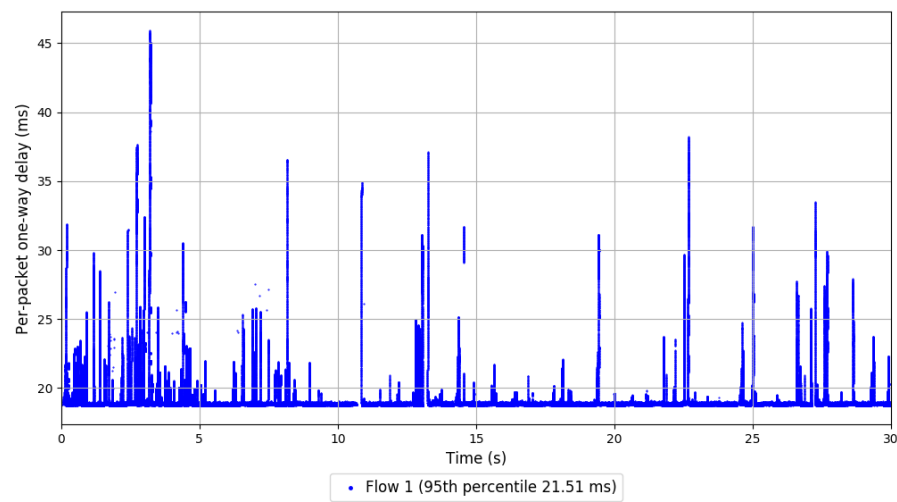
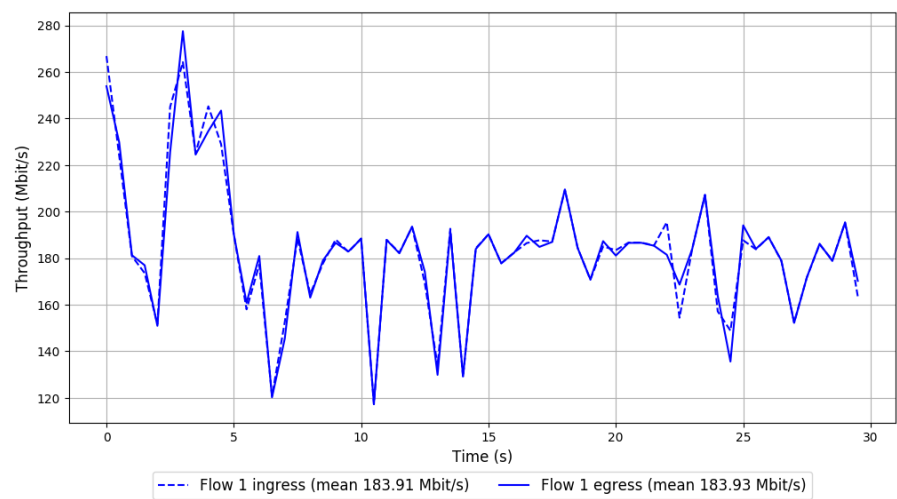
-- Flow 1:

Average throughput: 183.93 Mbit/s

95th percentile per-packet one-way delay: 21.507 ms

Loss rate: 0.00%

Run 8: Report of Verus — Data Link

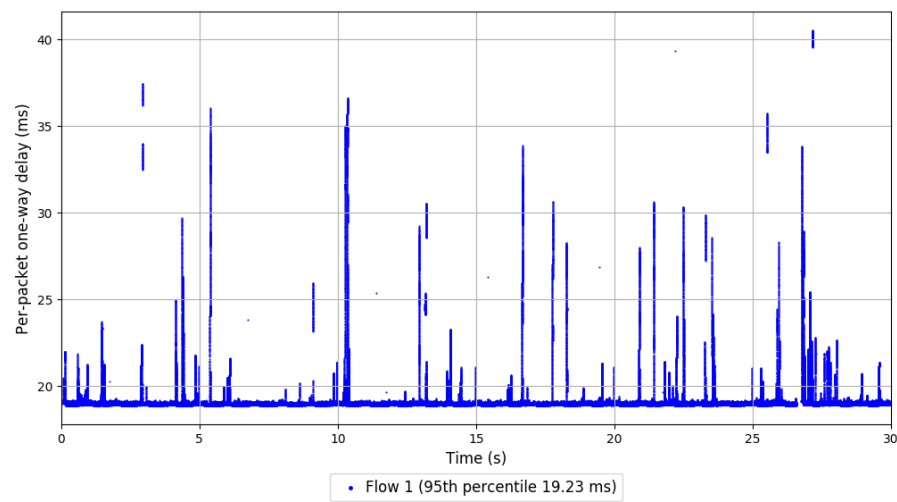
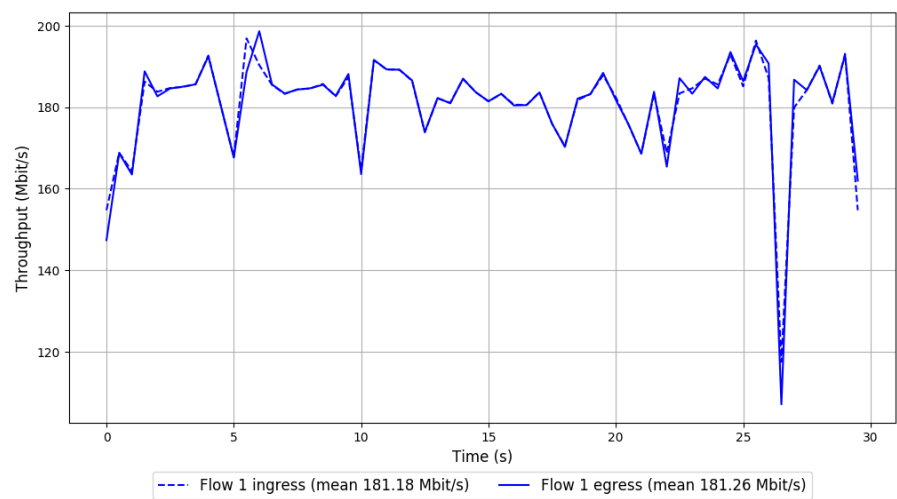


Run 9: Statistics of Verus

Start at: 2017-09-03 07:20:26  
End at: 2017-09-03 07:20:56  
Local clock offset: -0.507 ms  
Remote clock offset: -0.969 ms

# Below is generated by plot.py at 2017-09-03 10:28:52  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 181.26 Mbit/s  
95th percentile per-packet one-way delay: 19.229 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 181.26 Mbit/s  
95th percentile per-packet one-way delay: 19.229 ms  
Loss rate: 0.00%

Run 9: Report of Verus — Data Link

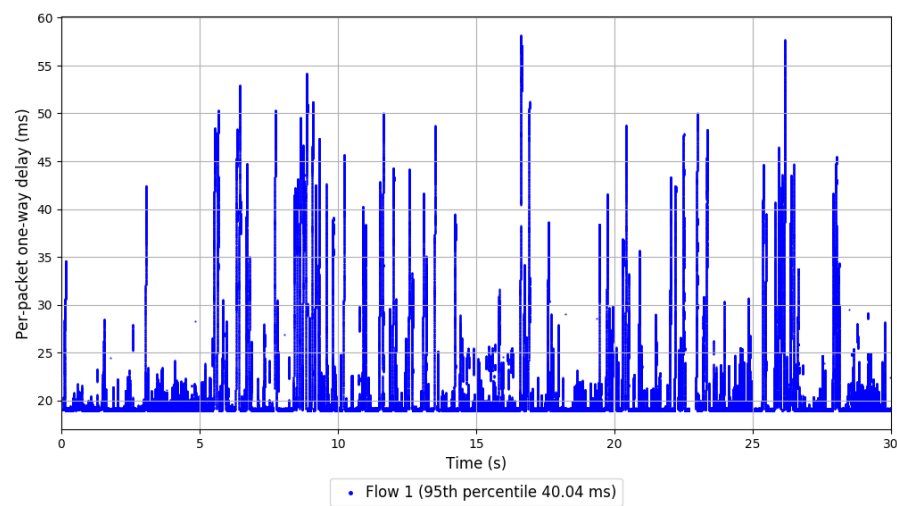
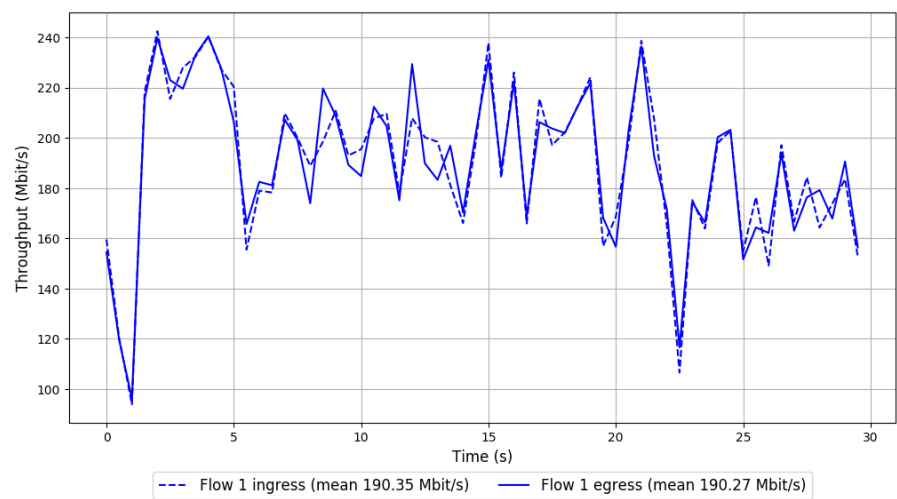


Run 10: Statistics of Verus

Start at: 2017-09-03 07:40:57  
End at: 2017-09-03 07:41:27  
Local clock offset: -0.609 ms  
Remote clock offset: -0.995 ms

# Below is generated by plot.py at 2017-09-03 10:29:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 190.27 Mbit/s  
95th percentile per-packet one-way delay: 40.044 ms  
Loss rate: 0.03%  
-- Flow 1:  
Average throughput: 190.27 Mbit/s  
95th percentile per-packet one-way delay: 40.044 ms  
Loss rate: 0.03%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-03 04:25:44

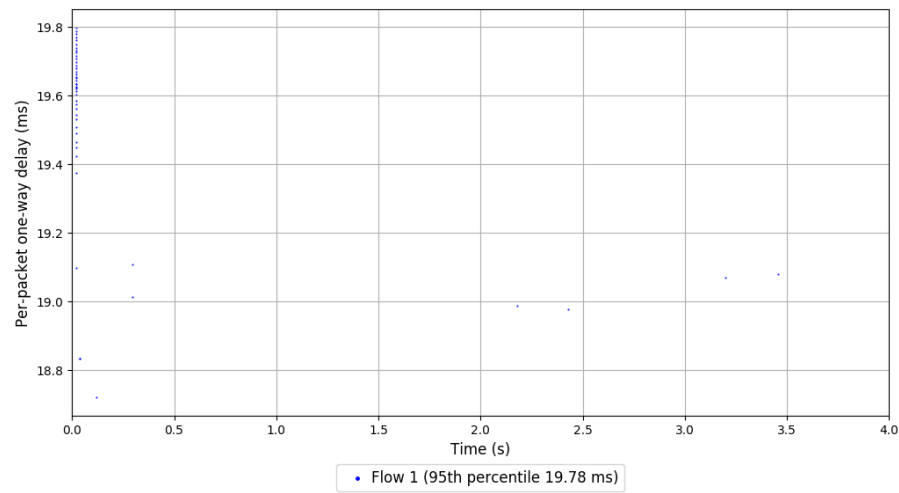
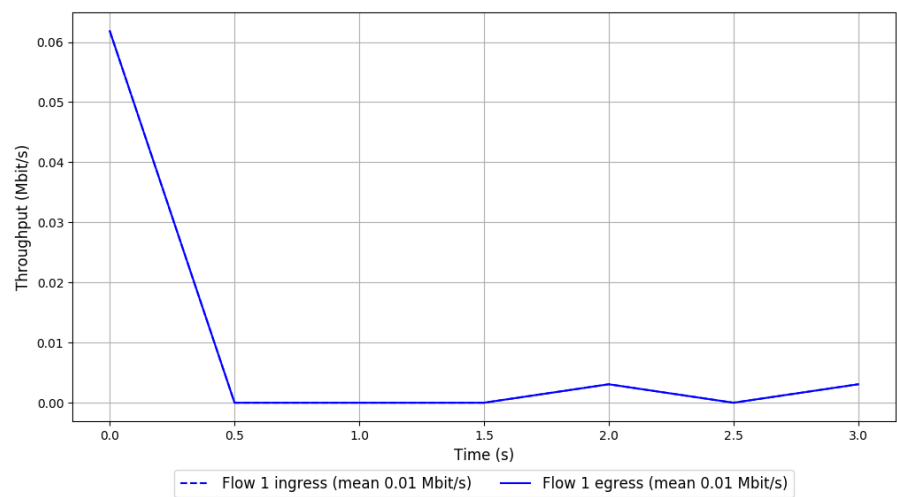
End at: 2017-09-03 04:26:14

Local clock offset: -0.4 ms

Remote clock offset: -1.063 ms



Run 1: Report of WebRTC media — Data Link

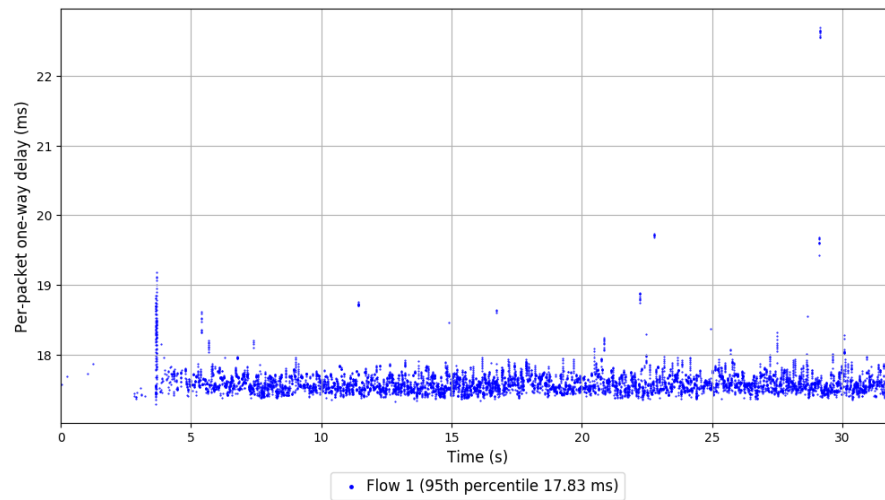
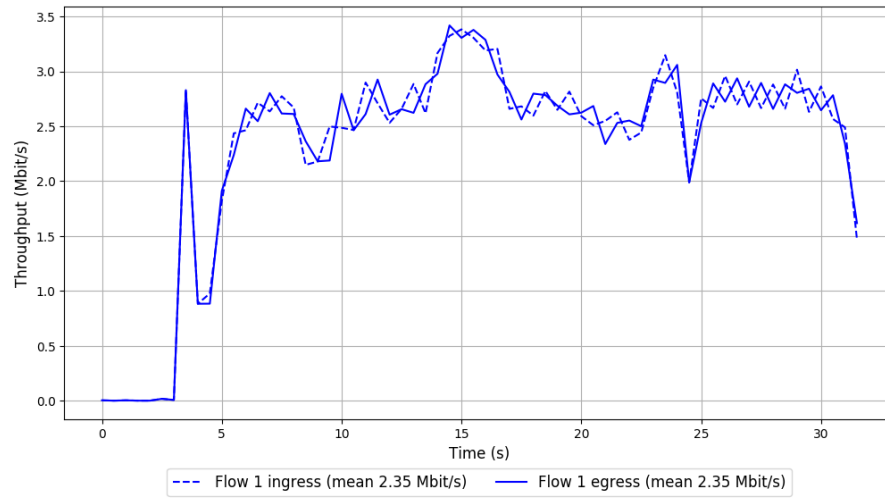


Run 2: Statistics of WebRTC media

Start at: 2017-09-03 04:45:58  
End at: 2017-09-03 04:46:28  
Local clock offset: 0.167 ms  
Remote clock offset: -0.593 ms

# Below is generated by plot.py at 2017-09-03 10:29:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: 17.830 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.35 Mbit/s  
95th percentile per-packet one-way delay: 17.830 ms  
Loss rate: 0.00%

## Run 2: Report of WebRTC media — Data Link

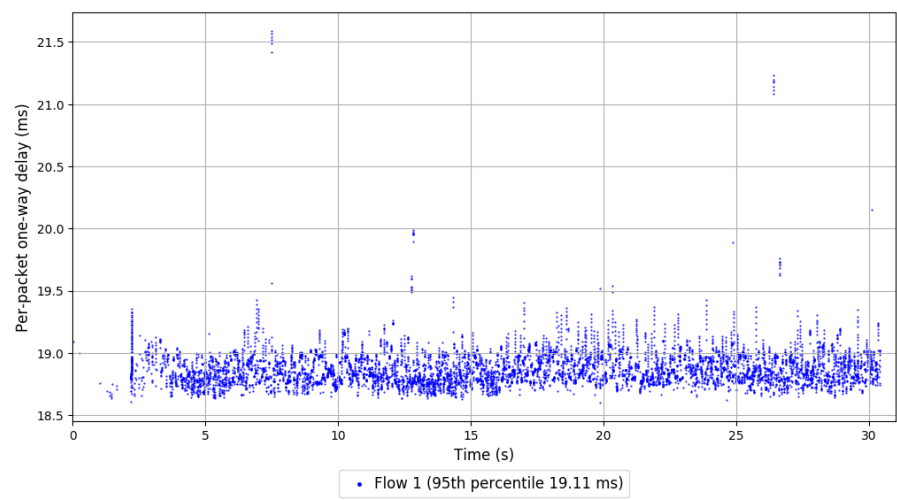
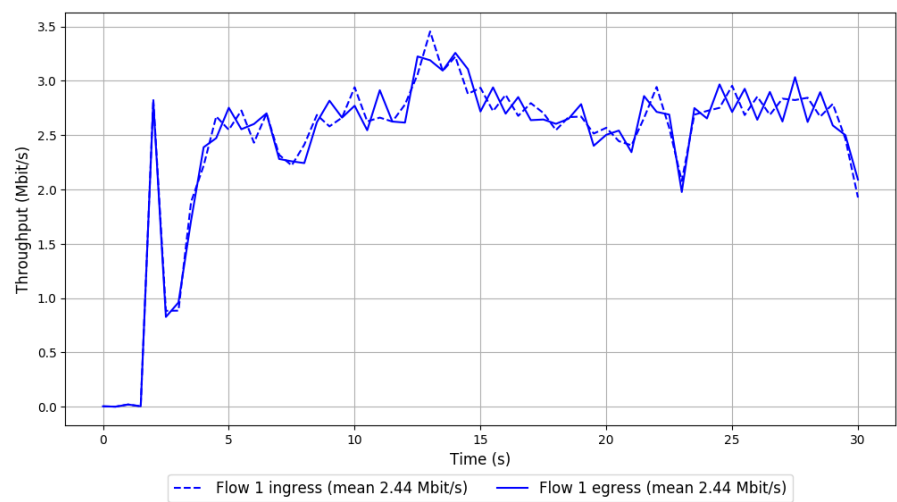


Run 3: Statistics of WebRTC media

Start at: 2017-09-03 05:06:15  
End at: 2017-09-03 05:06:45  
Local clock offset: 0.29 ms  
Remote clock offset: -0.701 ms

# Below is generated by plot.py at 2017-09-03 10:29:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.44 Mbit/s  
95th percentile per-packet one-way delay: 19.108 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.44 Mbit/s  
95th percentile per-packet one-way delay: 19.108 ms  
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

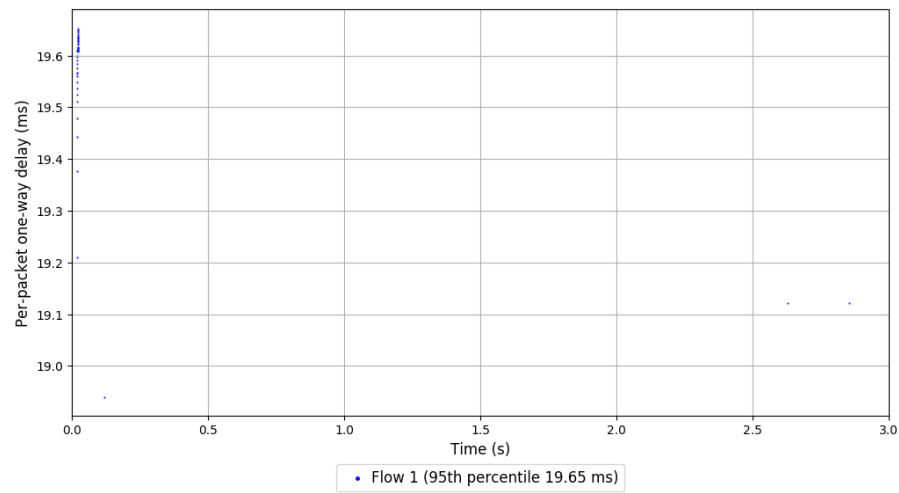
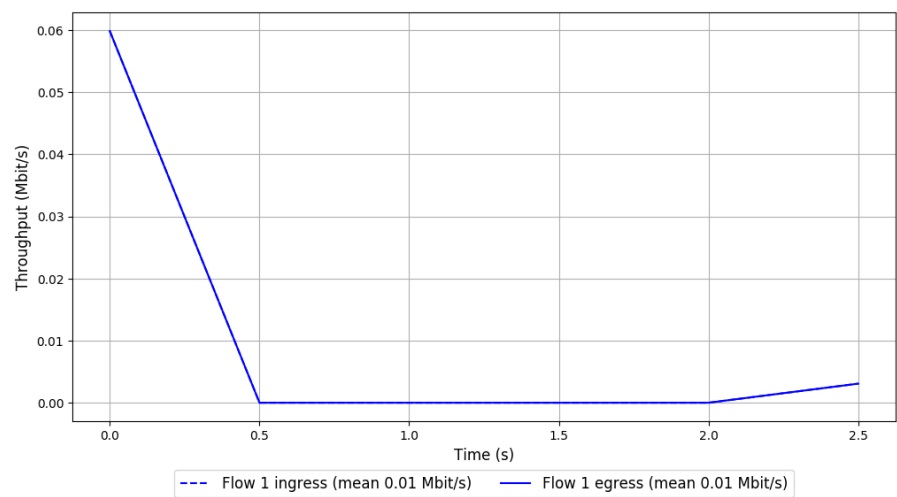
Start at: 2017-09-03 05:26:27

End at: 2017-09-03 05:26:57

Local clock offset: 0.184 ms

Remote clock offset: -0.706 ms

Run 4: Report of WebRTC media — Data Link



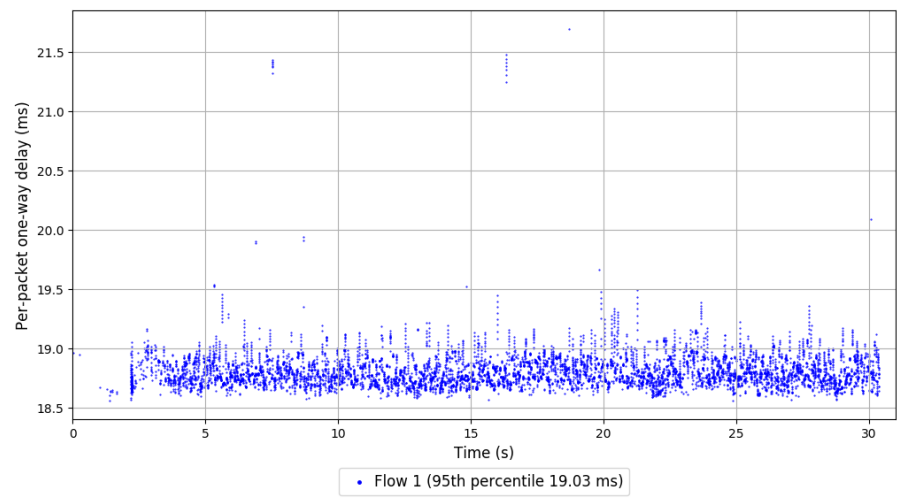
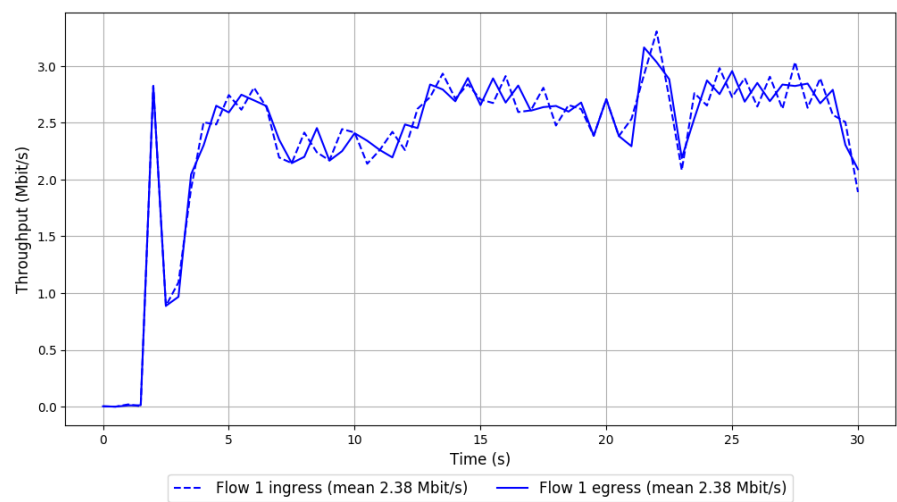
Run 5: Statistics of WebRTC media

Start at: 2017-09-03 05:46:39  
End at: 2017-09-03 05:47:09  
Local clock offset: 0.128 ms  
Remote clock offset: -0.711 ms

# Below is generated by plot.py at 2017-09-03 10:29:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 19.034 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.38 Mbit/s  
95th percentile per-packet one-way delay: 19.034 ms  
Loss rate: 0.00%



Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

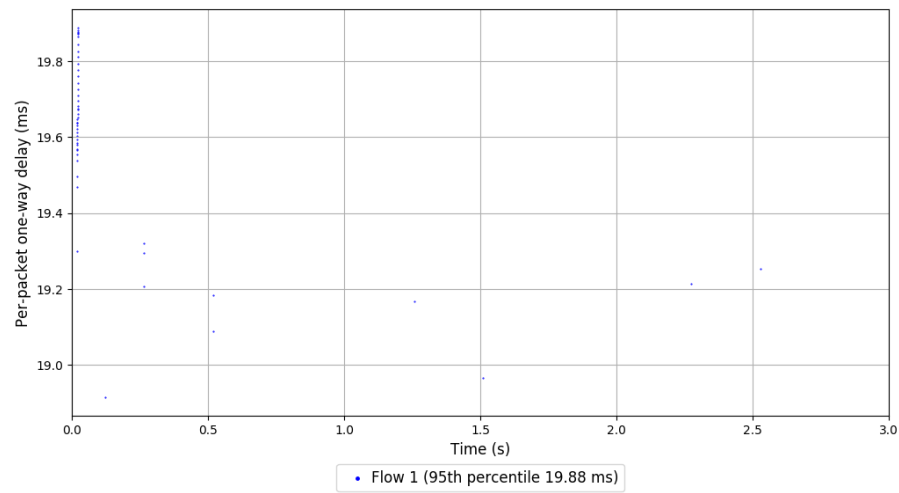
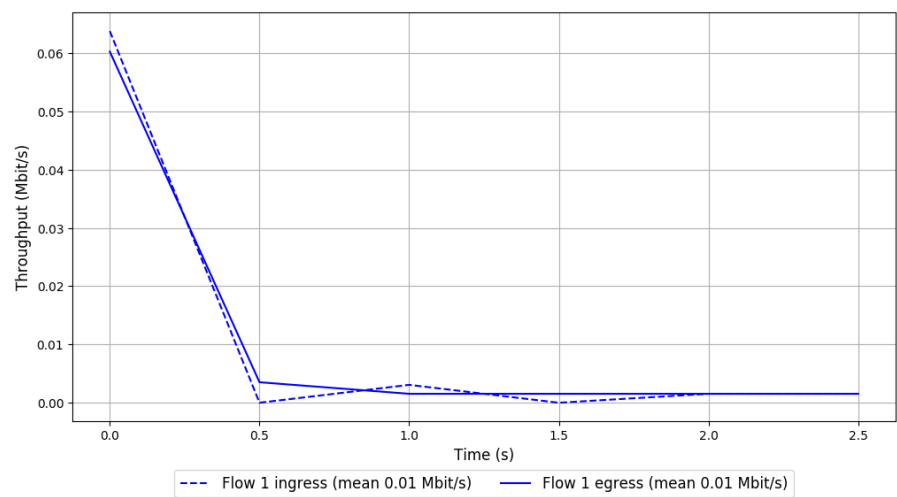
Start at: 2017-09-03 06:06:46

End at: 2017-09-03 06:07:16

Local clock offset: 0.108 ms

Remote clock offset: -0.393 ms

Run 6: Report of WebRTC media — Data Link

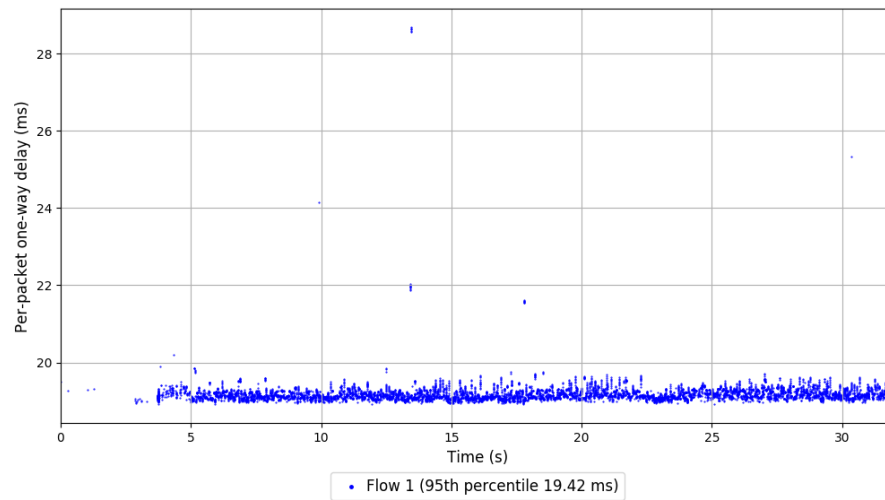
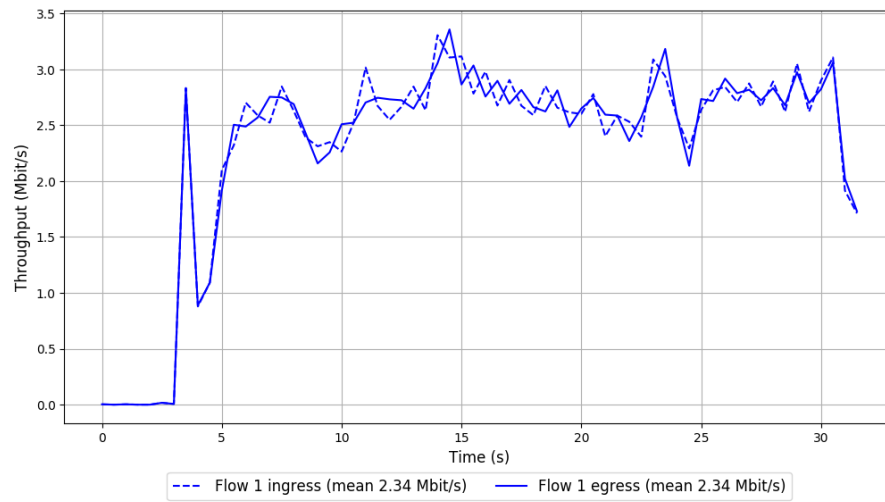


Run 7: Statistics of WebRTC media

Start at: 2017-09-03 06:26:36  
End at: 2017-09-03 06:27:06  
Local clock offset: -0.03 ms  
Remote clock offset: -0.385 ms

# Below is generated by plot.py at 2017-09-03 10:29:07  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 2.34 Mbit/s  
95th percentile per-packet one-way delay: 19.419 ms  
Loss rate: 0.00%  
-- Flow 1:  
Average throughput: 2.34 Mbit/s  
95th percentile per-packet one-way delay: 19.419 ms  
Loss rate: 0.00%

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



Run 8: Statistics of WebRTC media

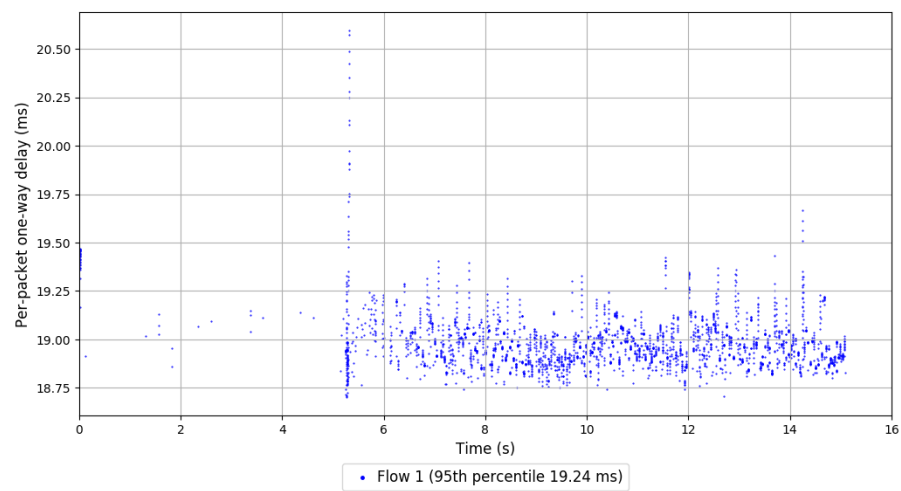
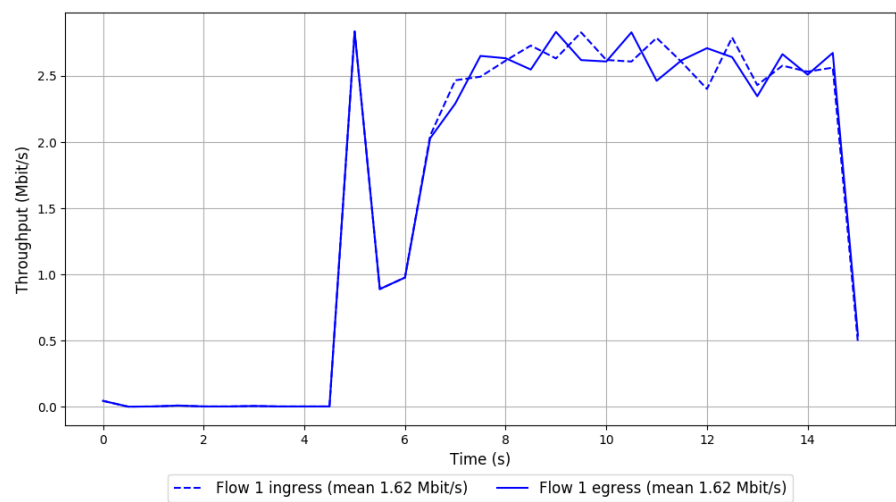
Start at: 2017-09-03 06:47:08

End at: 2017-09-03 06:47:38

Local clock offset: -0.224 ms

Remote clock offset: -0.564 ms

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-09-03 07:07:14

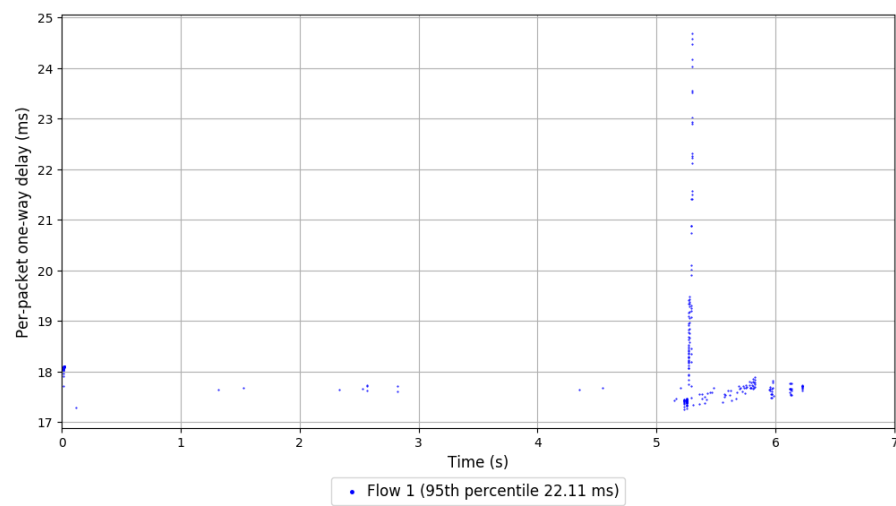
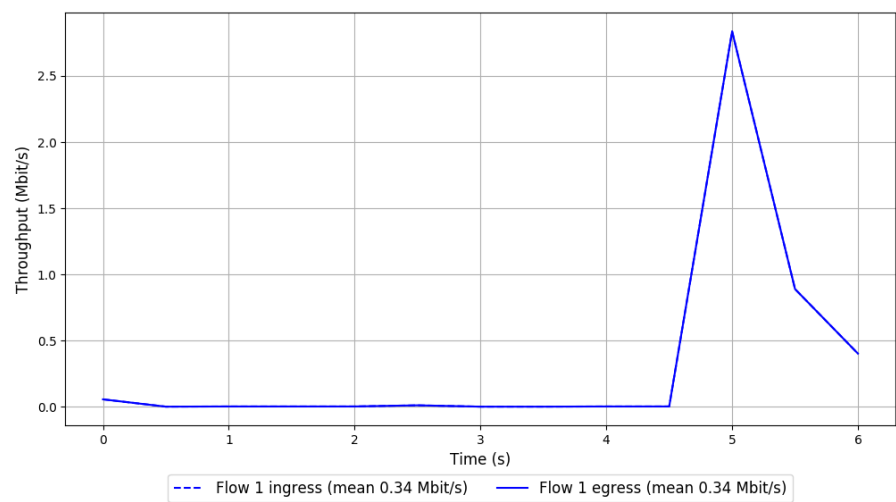
End at: 2017-09-03 07:07:44

Local clock offset: -0.402 ms

Remote clock offset: -0.725 ms



Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-03 07:27:17

End at: 2017-09-03 07:27:47

Local clock offset: -0.528 ms

Remote clock offset: -1.022 ms

Run 10: Report of WebRTC media — Data Link

